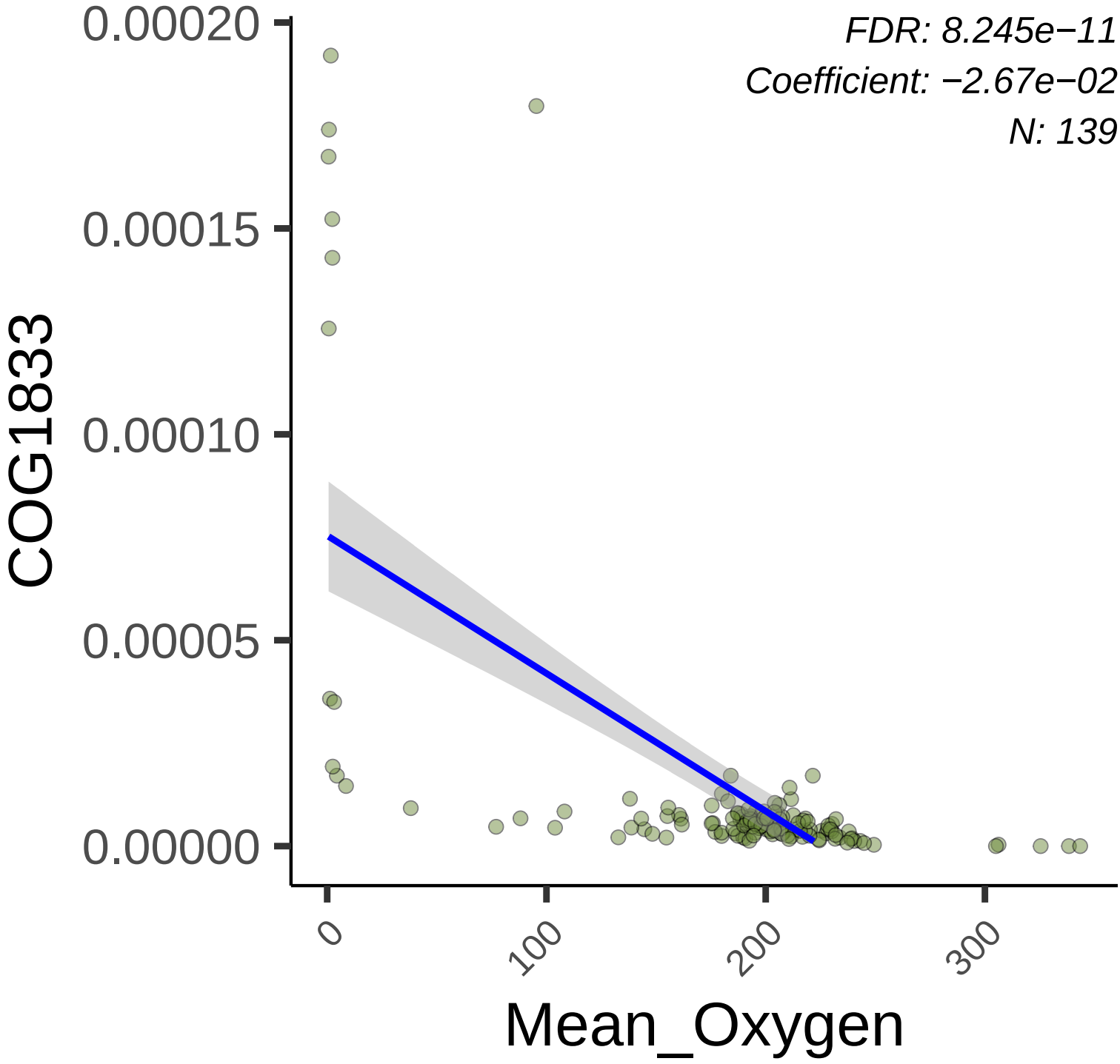
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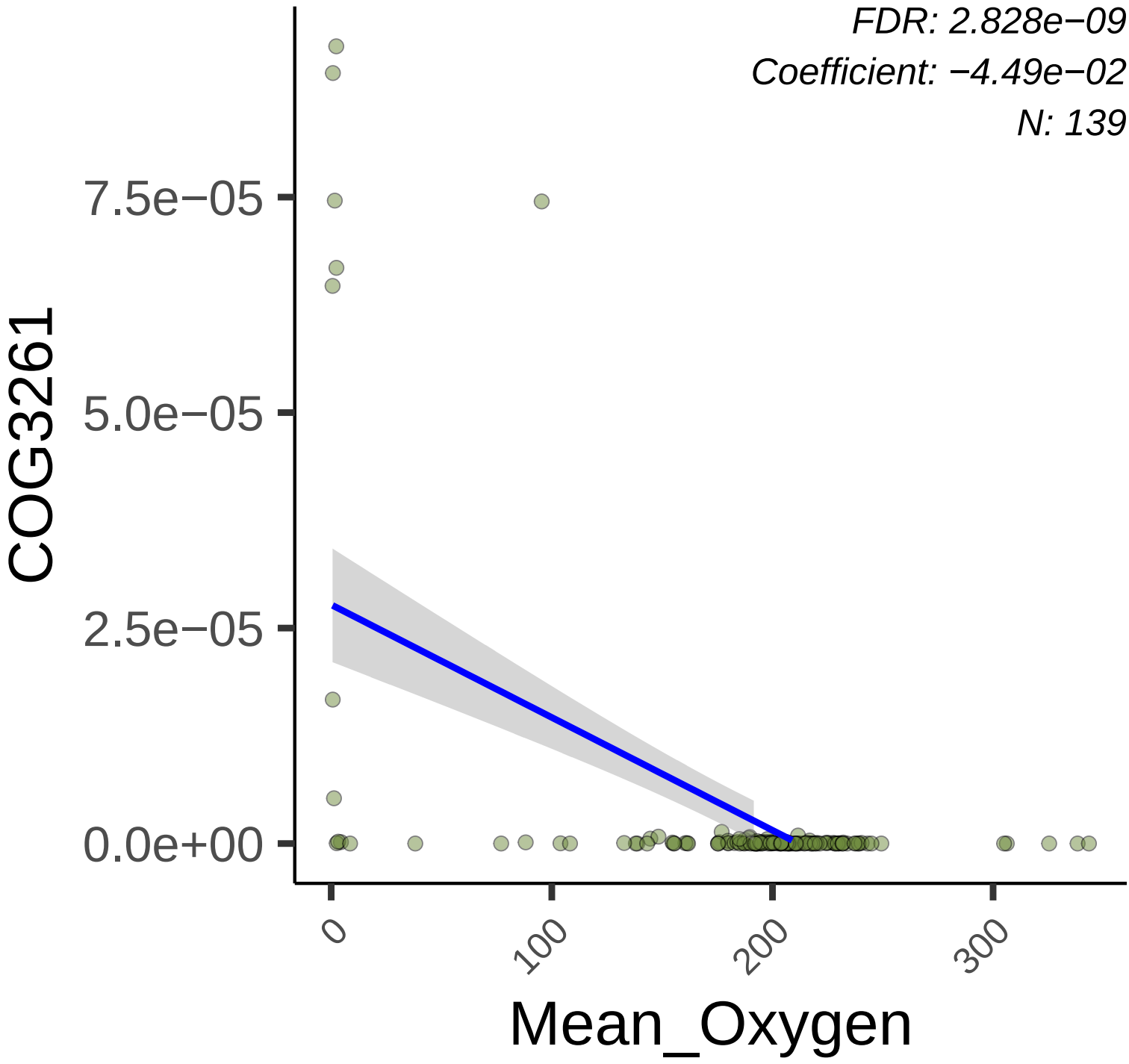
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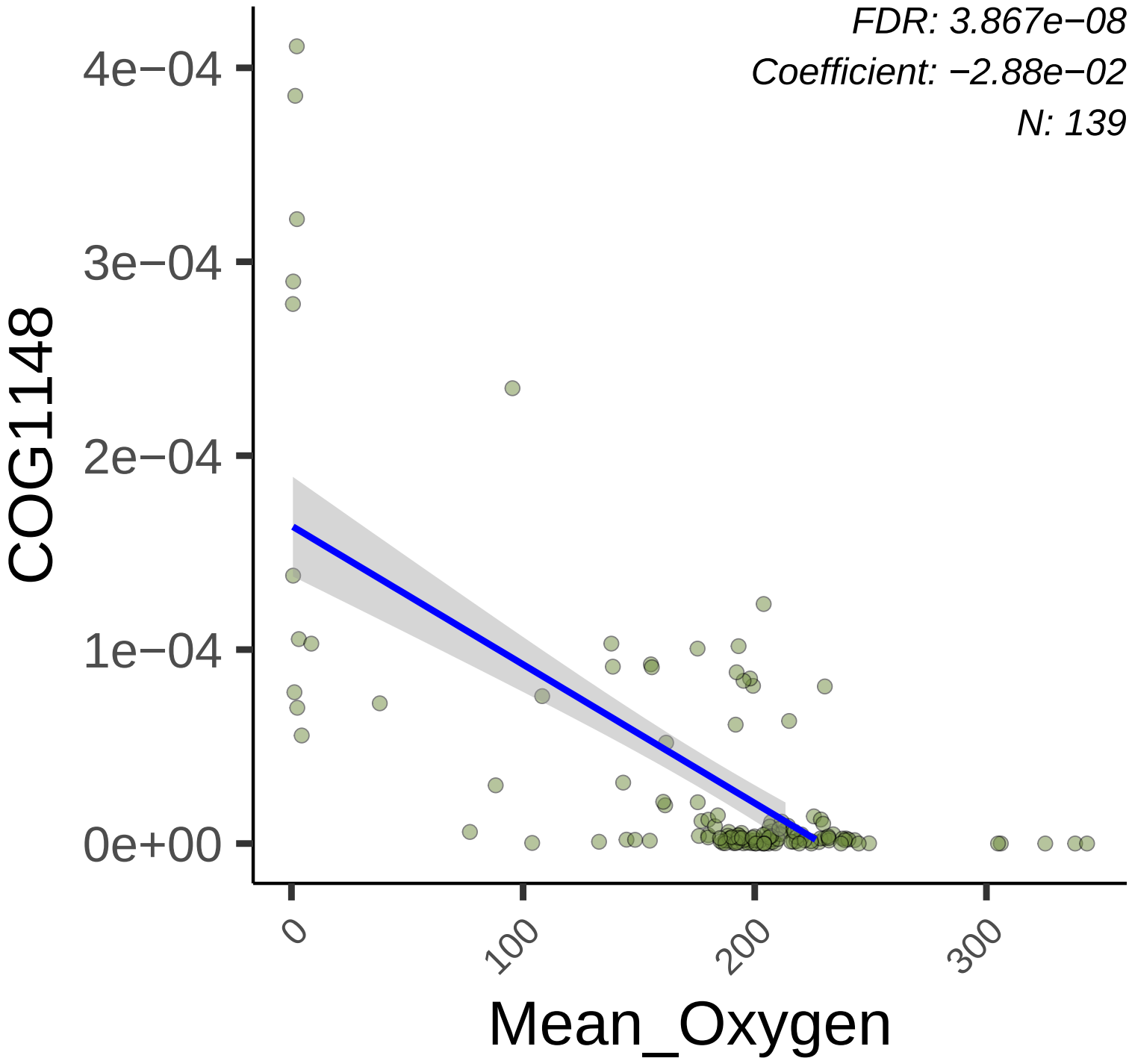
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Coefficient: −2.88e−02
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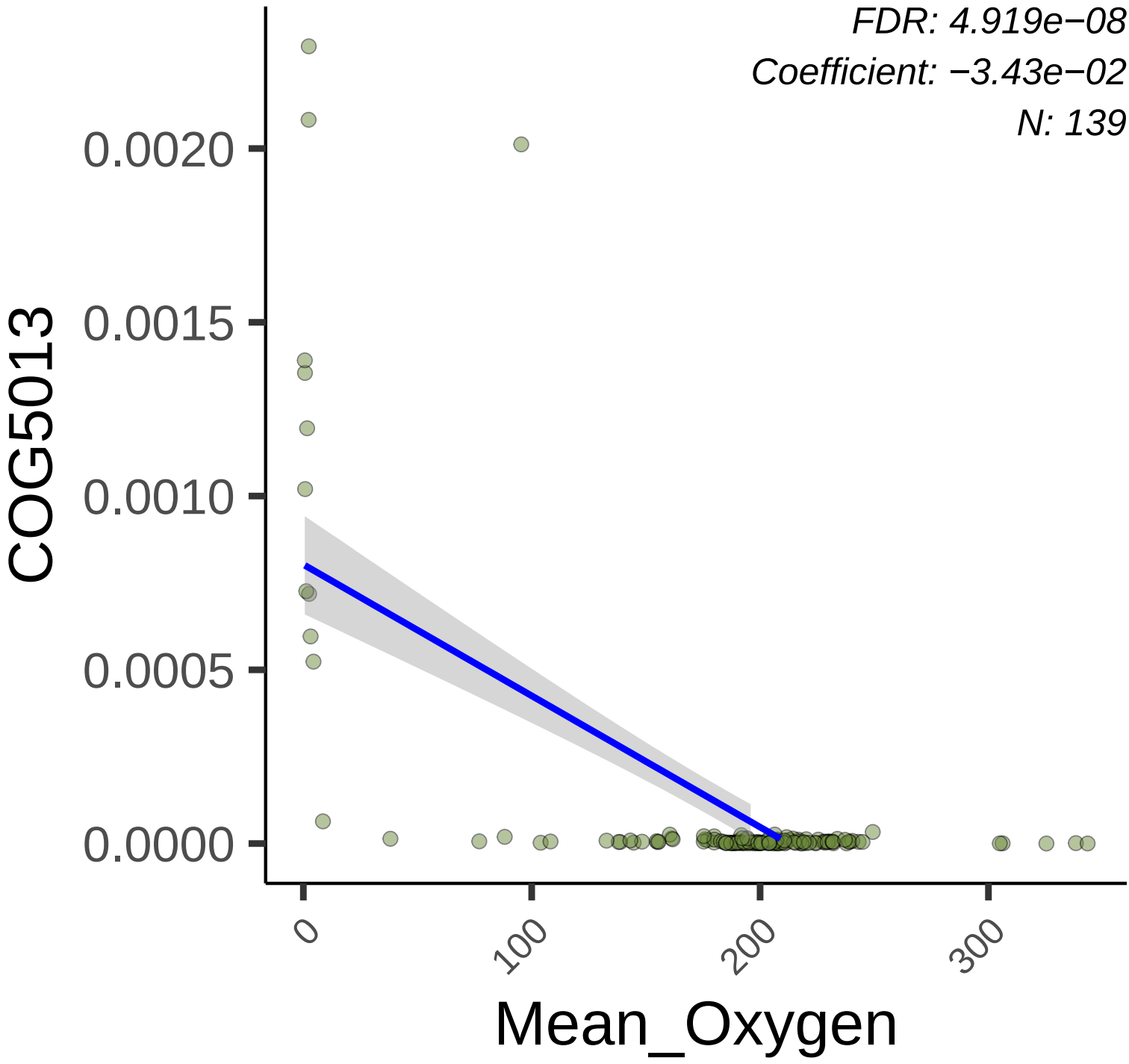
FDR: 4.919e−08
Coefficient: −3.43e−02
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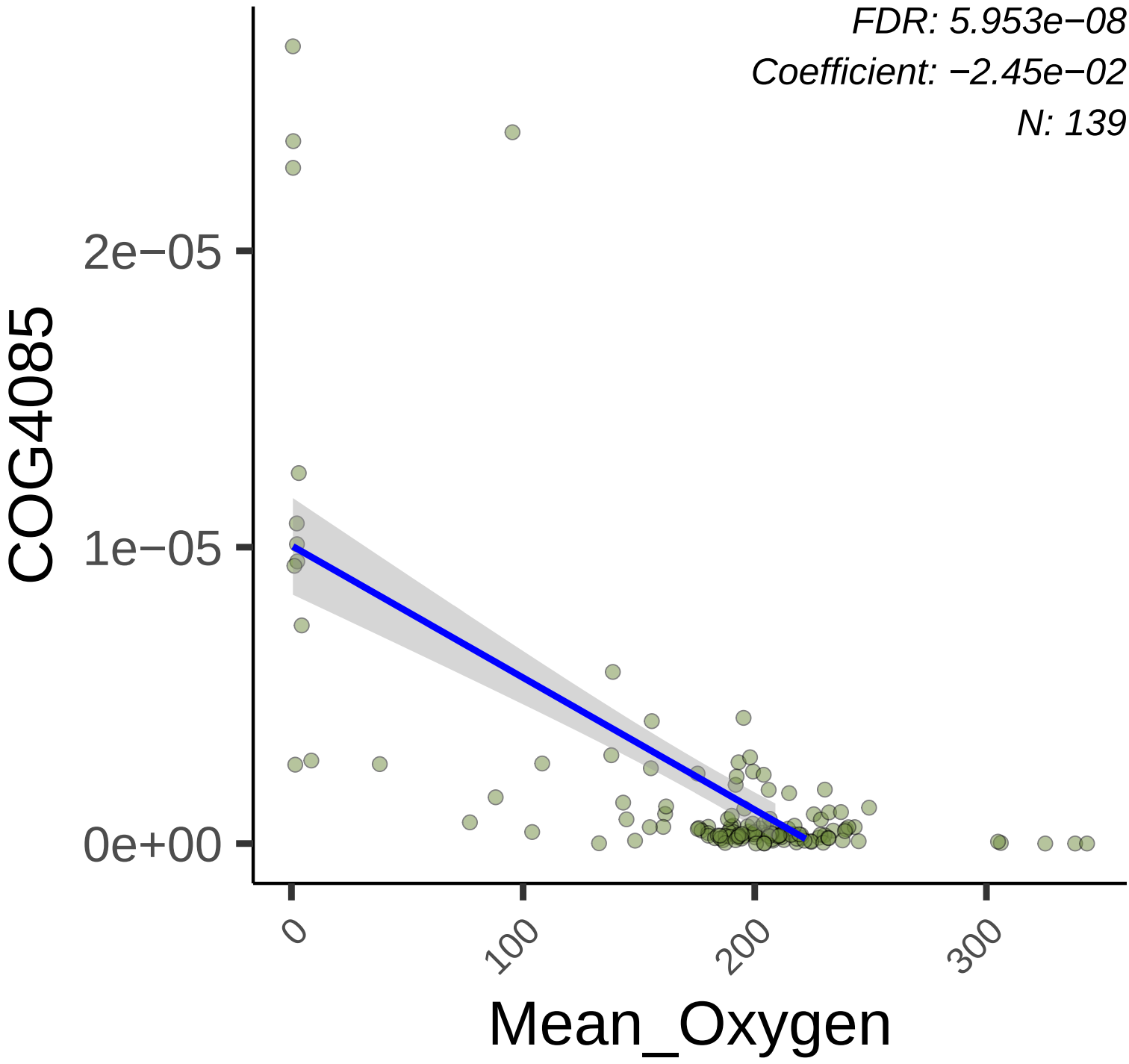
FDR: 5.953e−08
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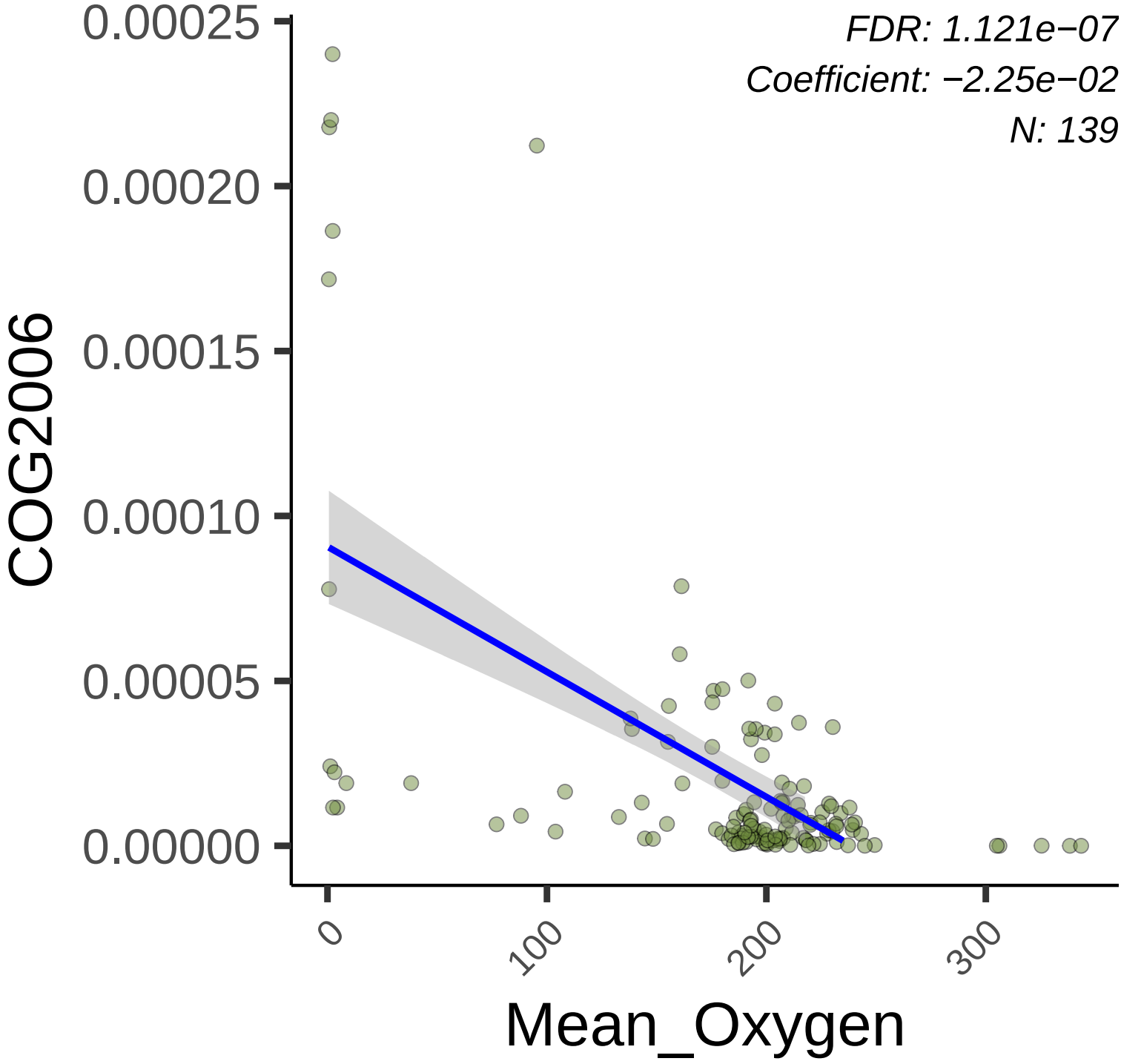
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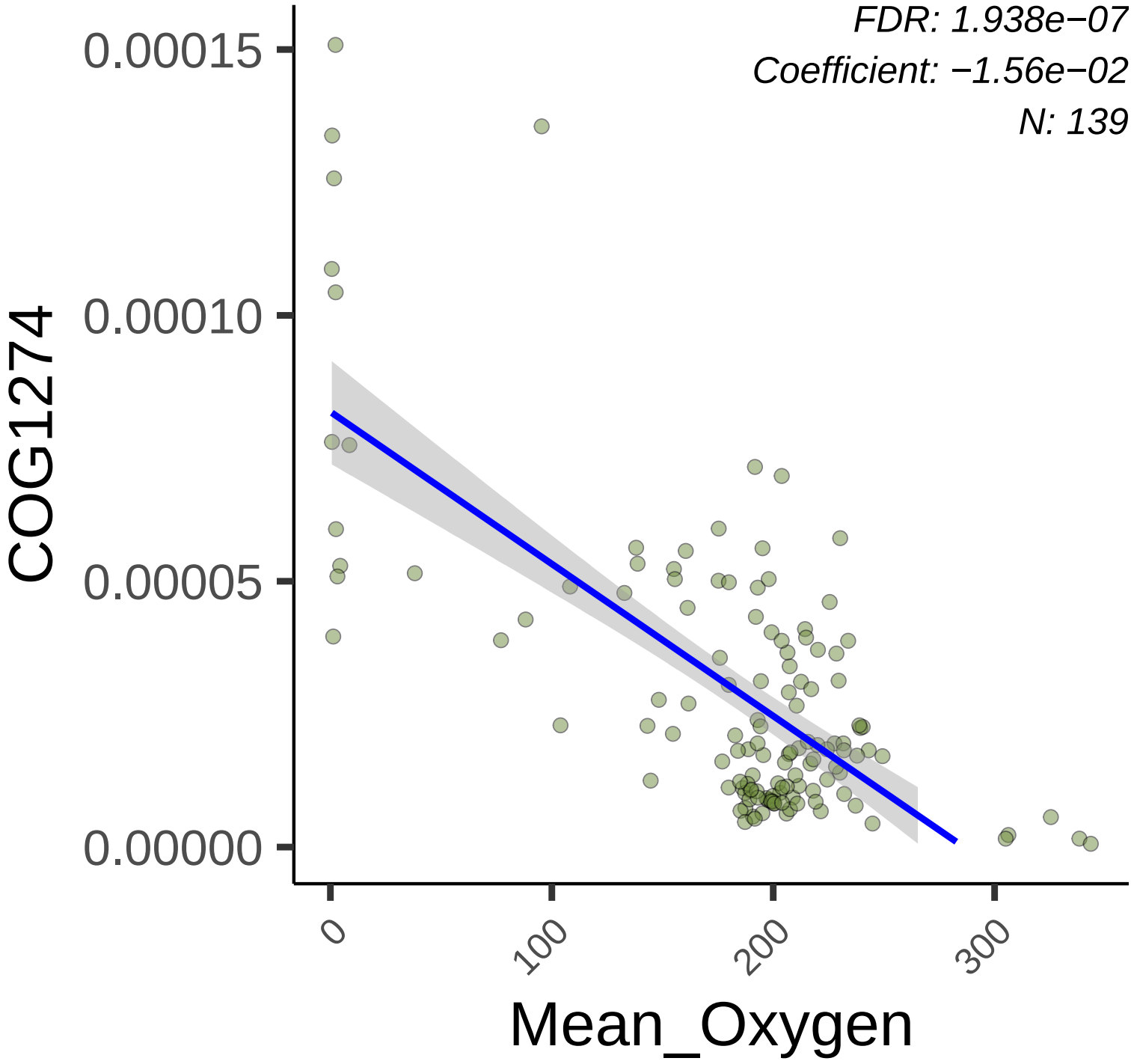
Mean_Oxygen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Coefficient: −1.56e−02
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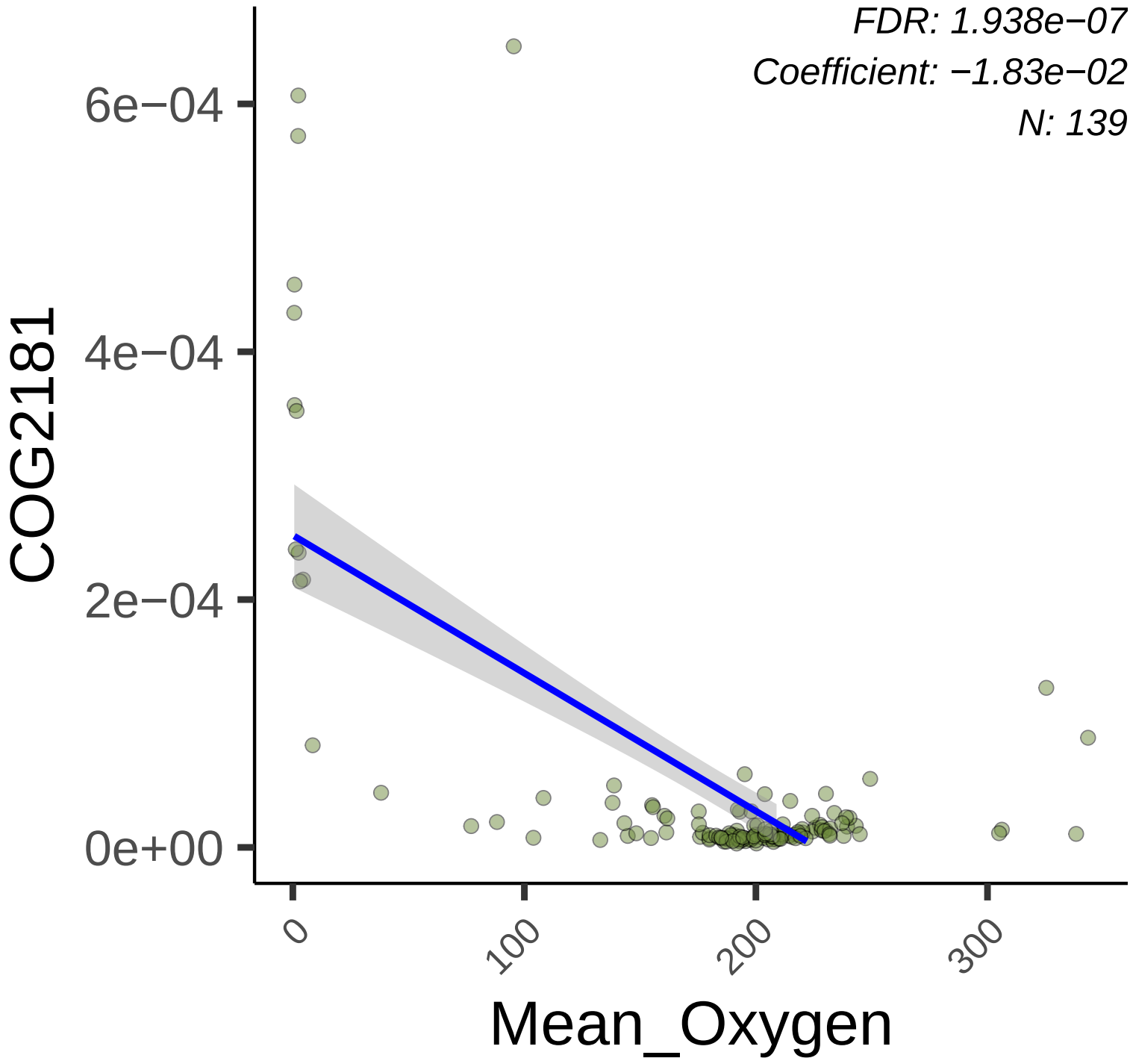
Mean_Oxygen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Coefficient: −1.83e−02
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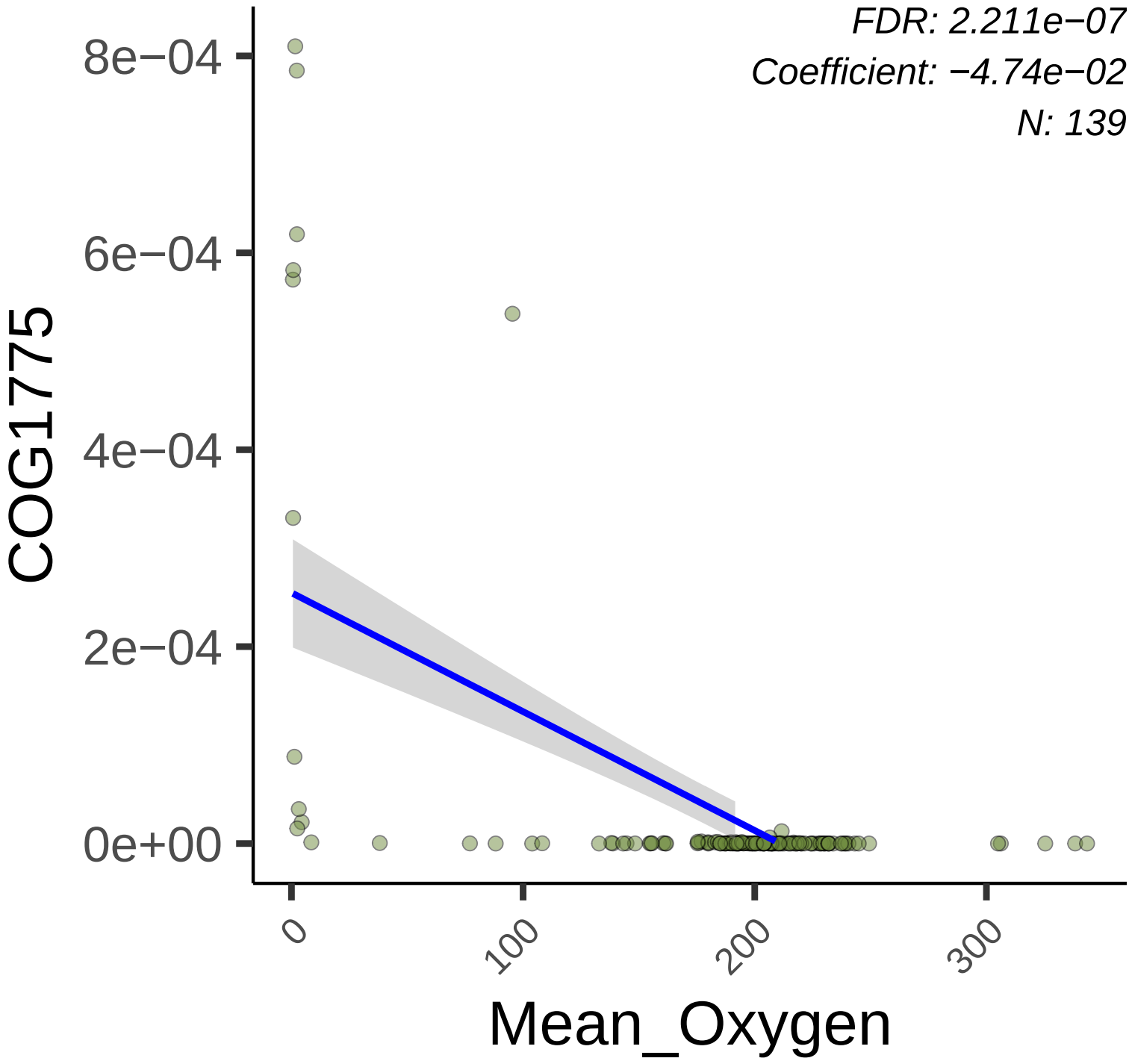
Mean_Oxygen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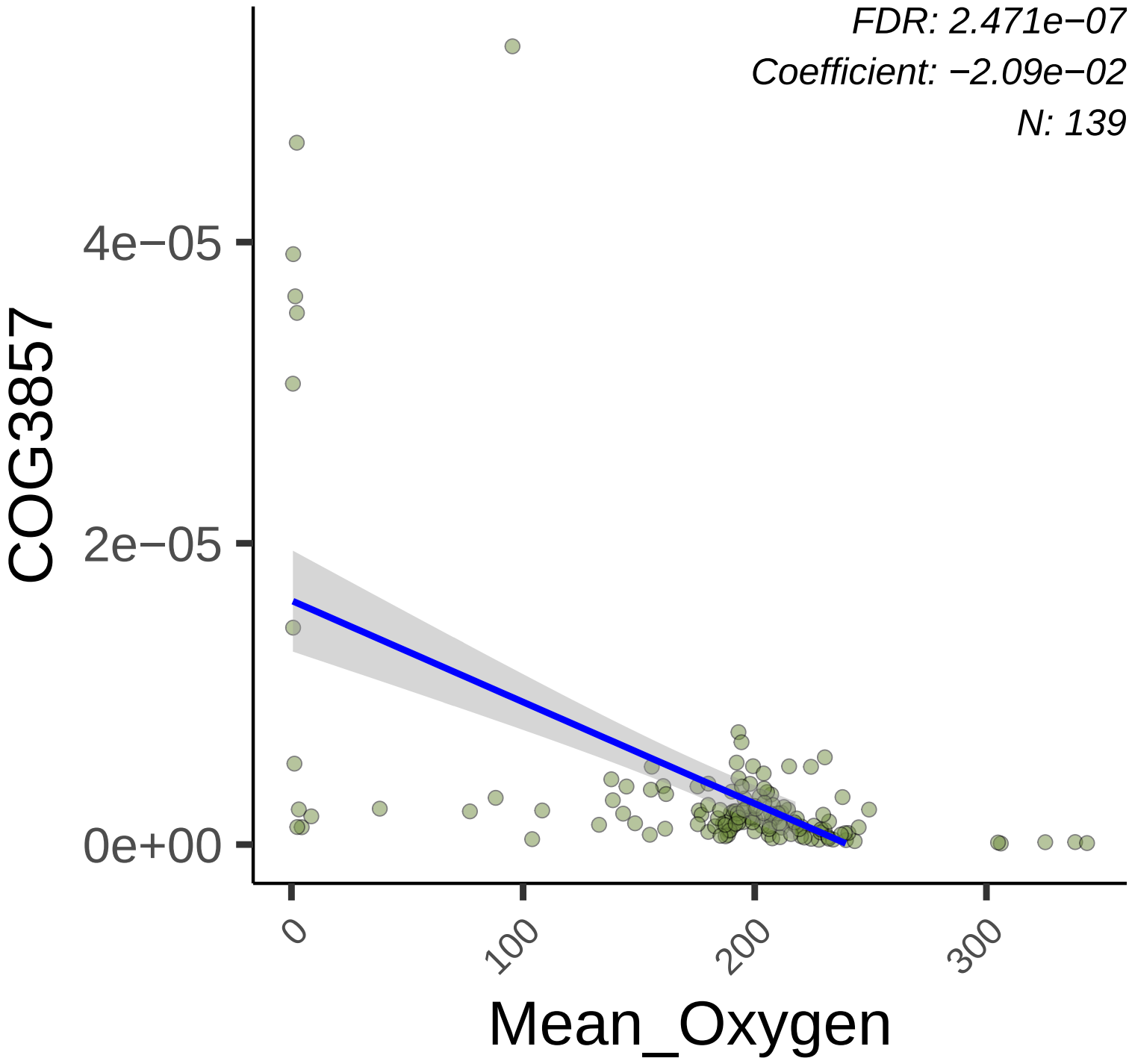
Mean_Oxygen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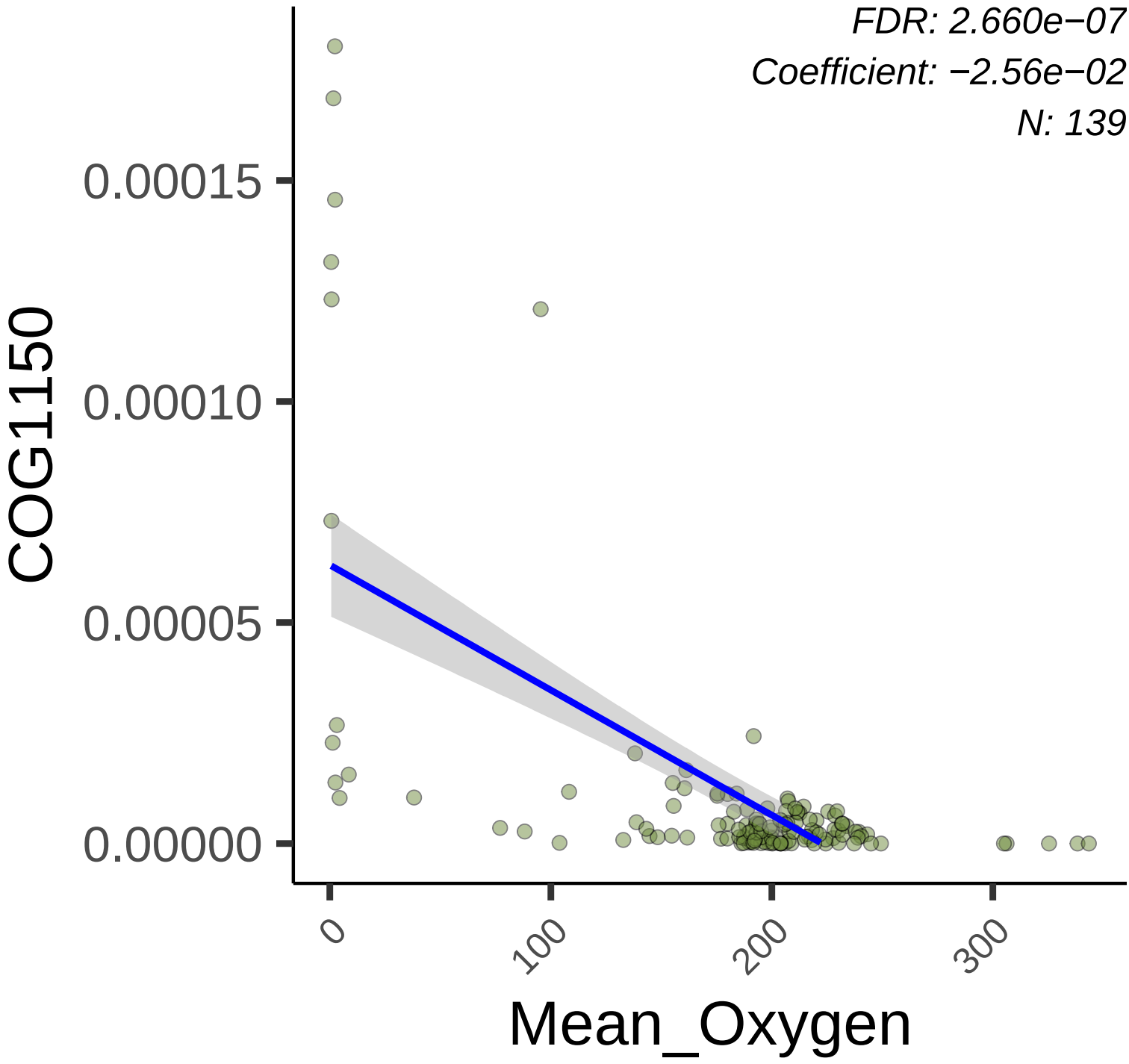
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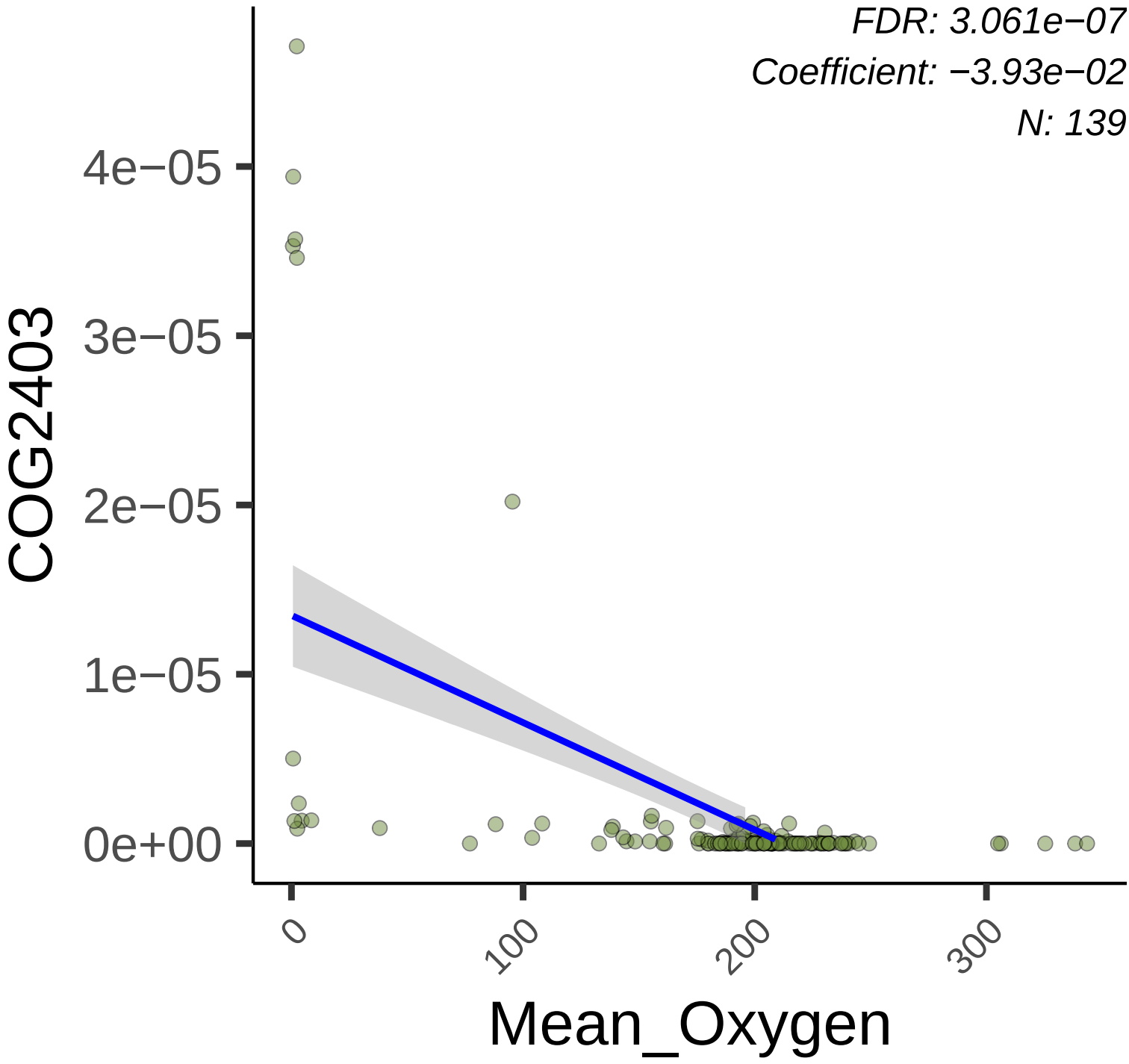
Mean_Oxygen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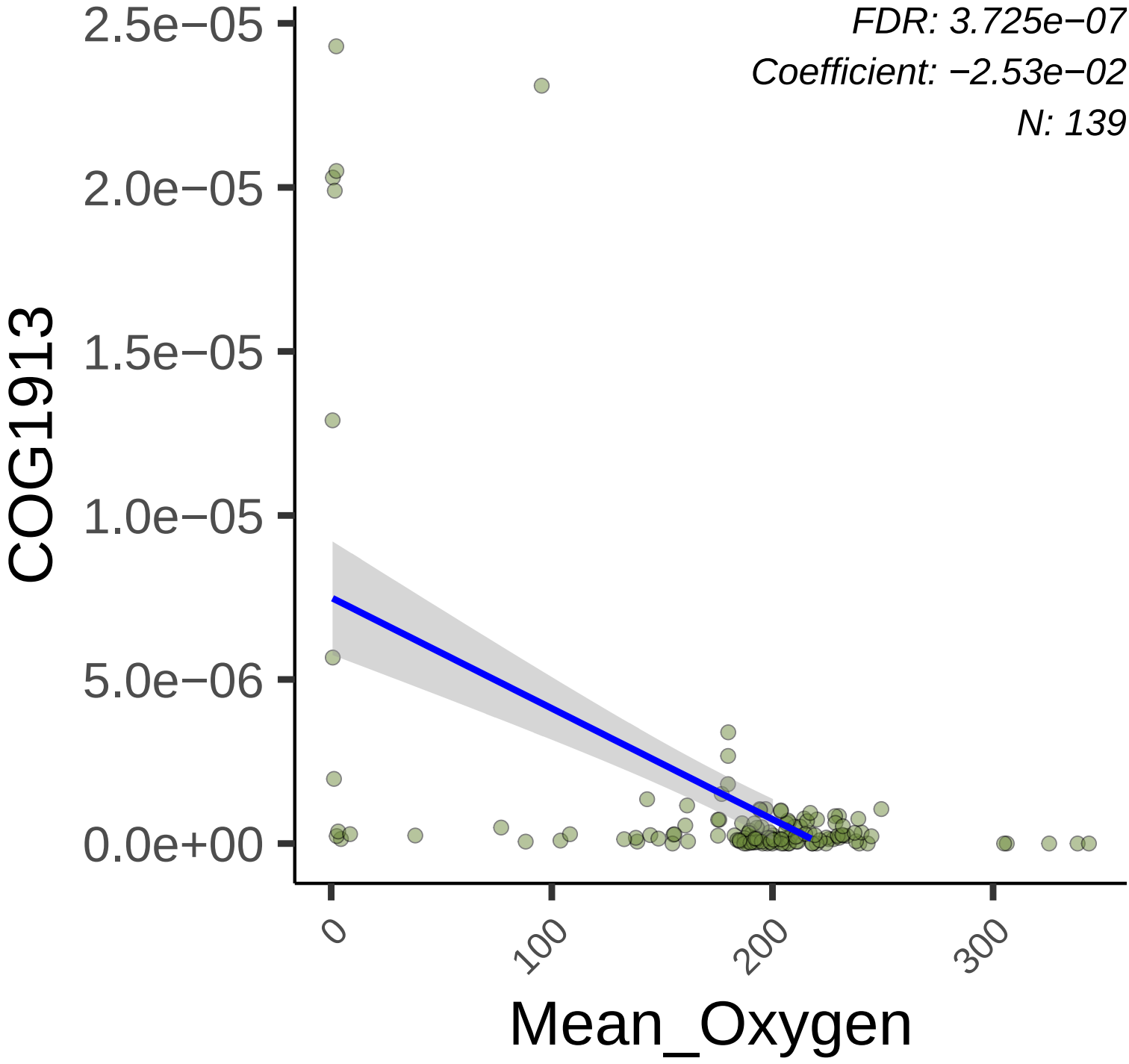
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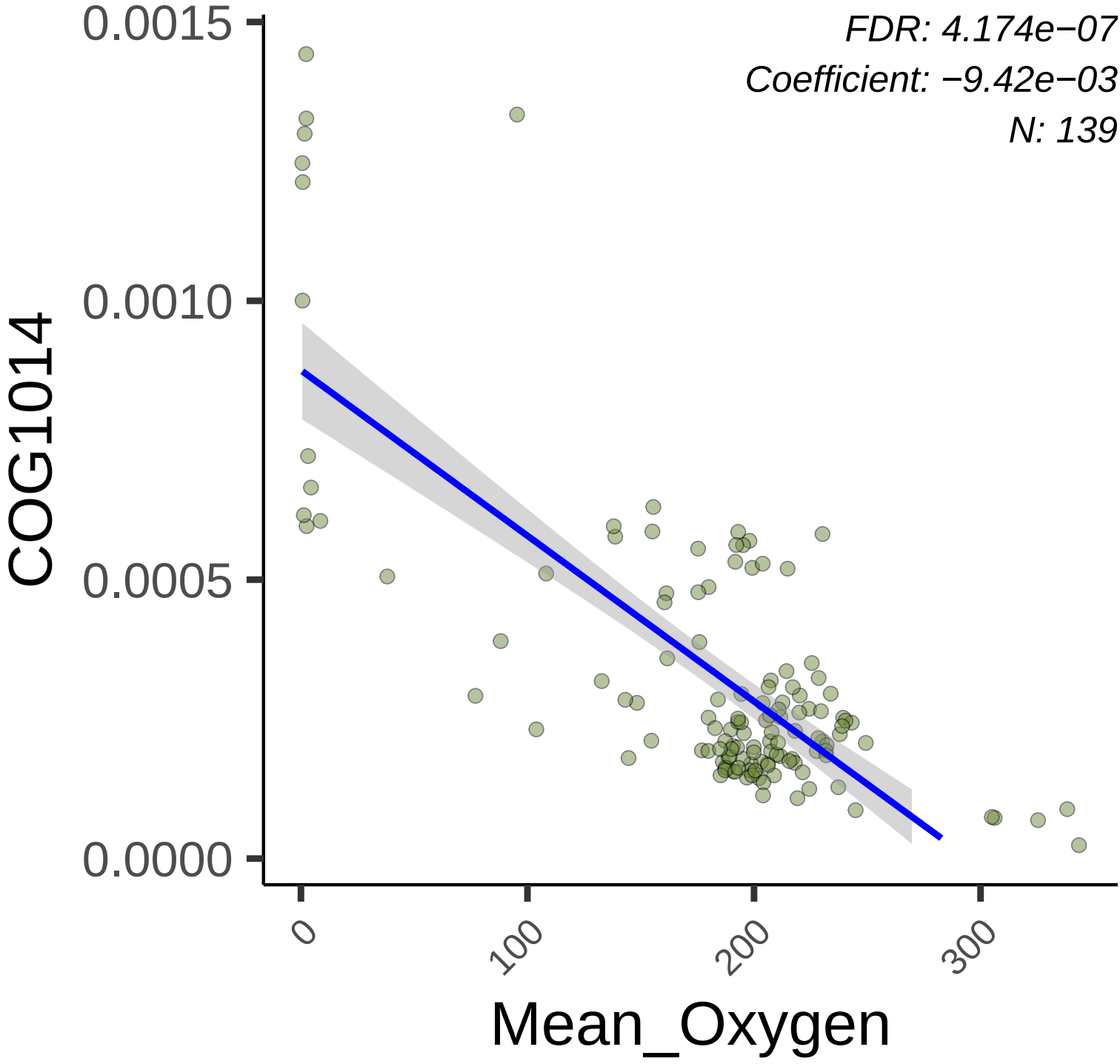
Mean_Oxygen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Coefficient: −9.42e−03
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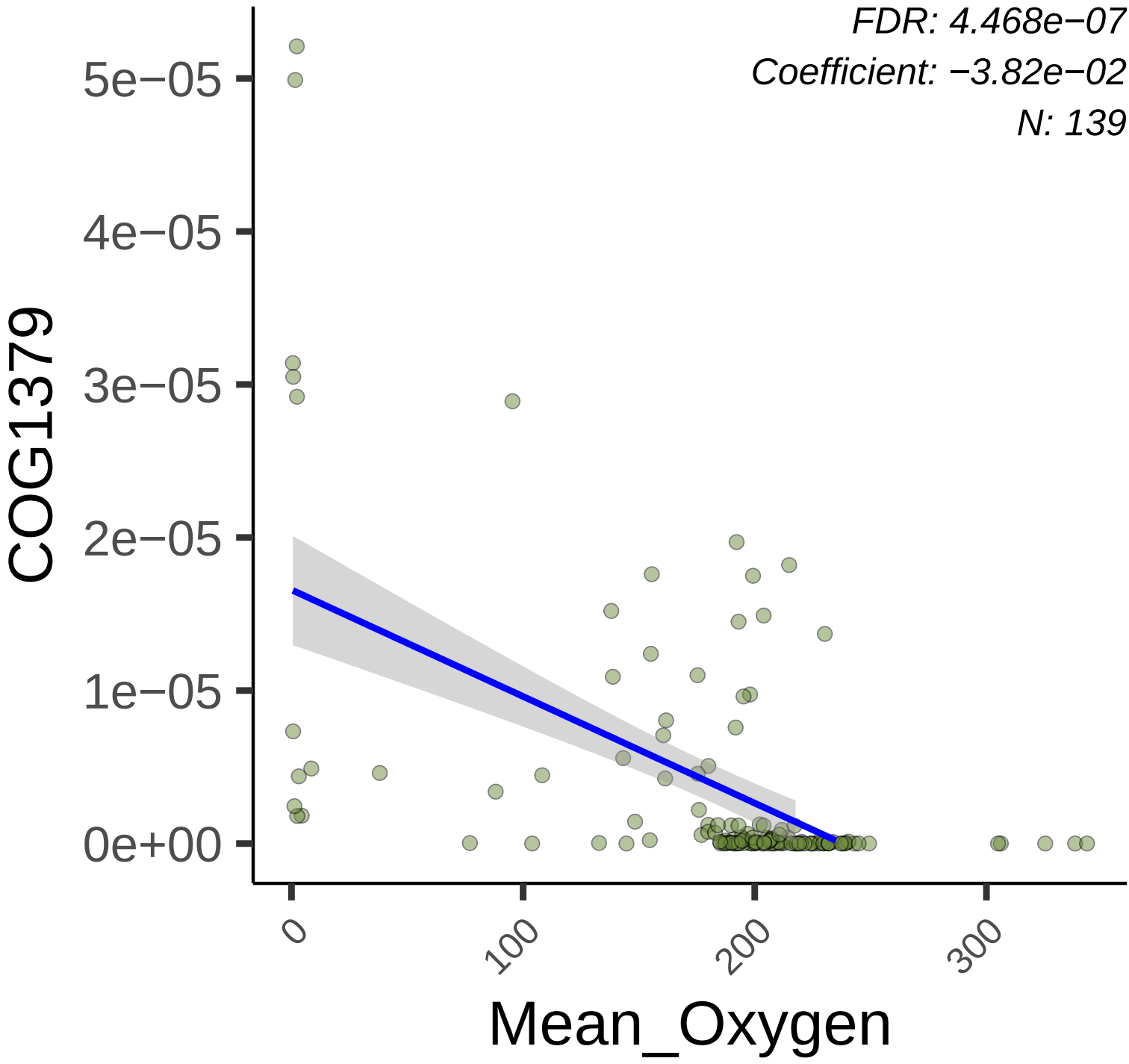
Mean_Oxygen


FDR: 4.468e−07
Coefficient: −3.82e−02
N: 139
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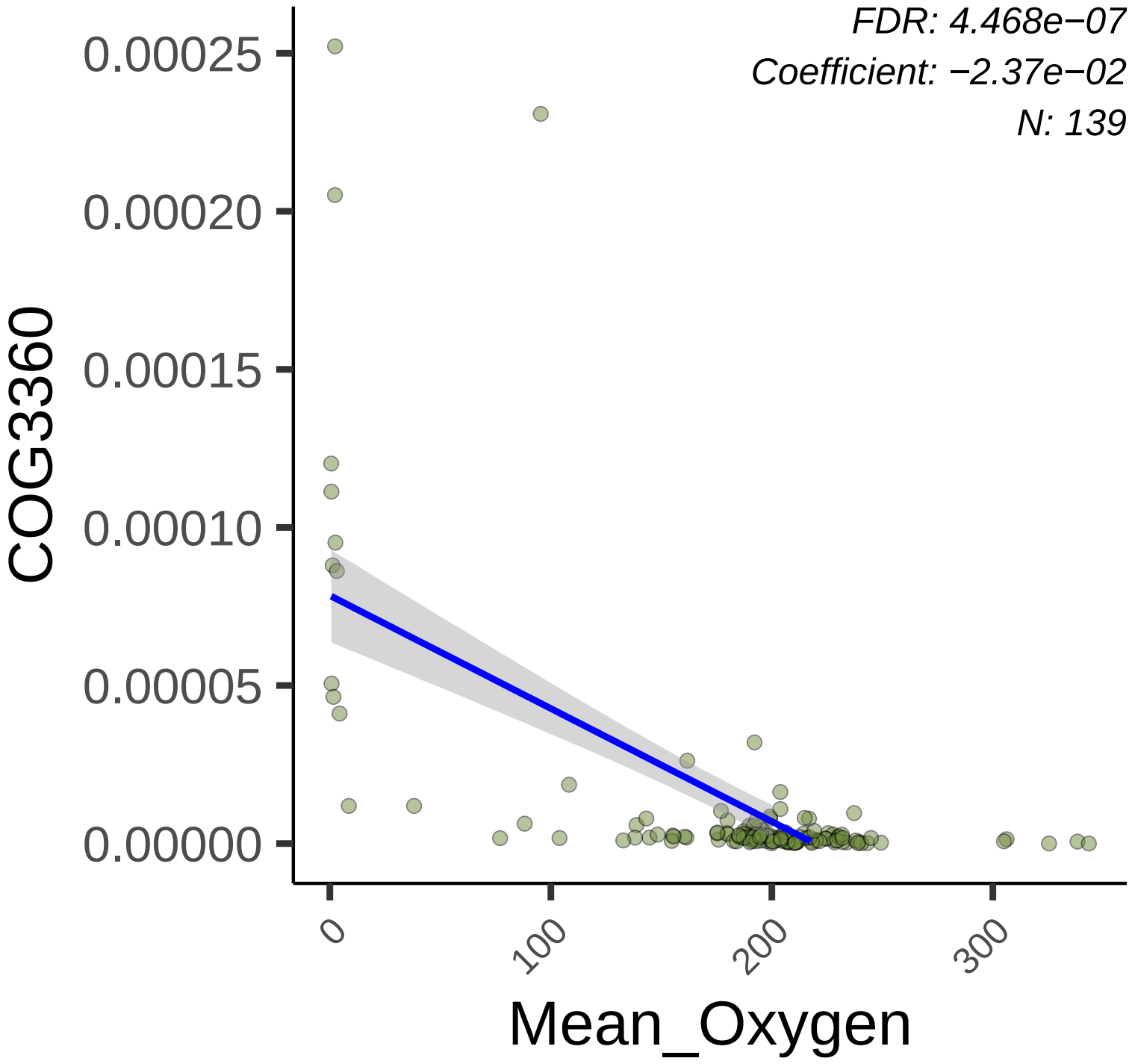
Mean_Oxygen


FDR: 4.468e−07
Coefficient: −2.37e−02
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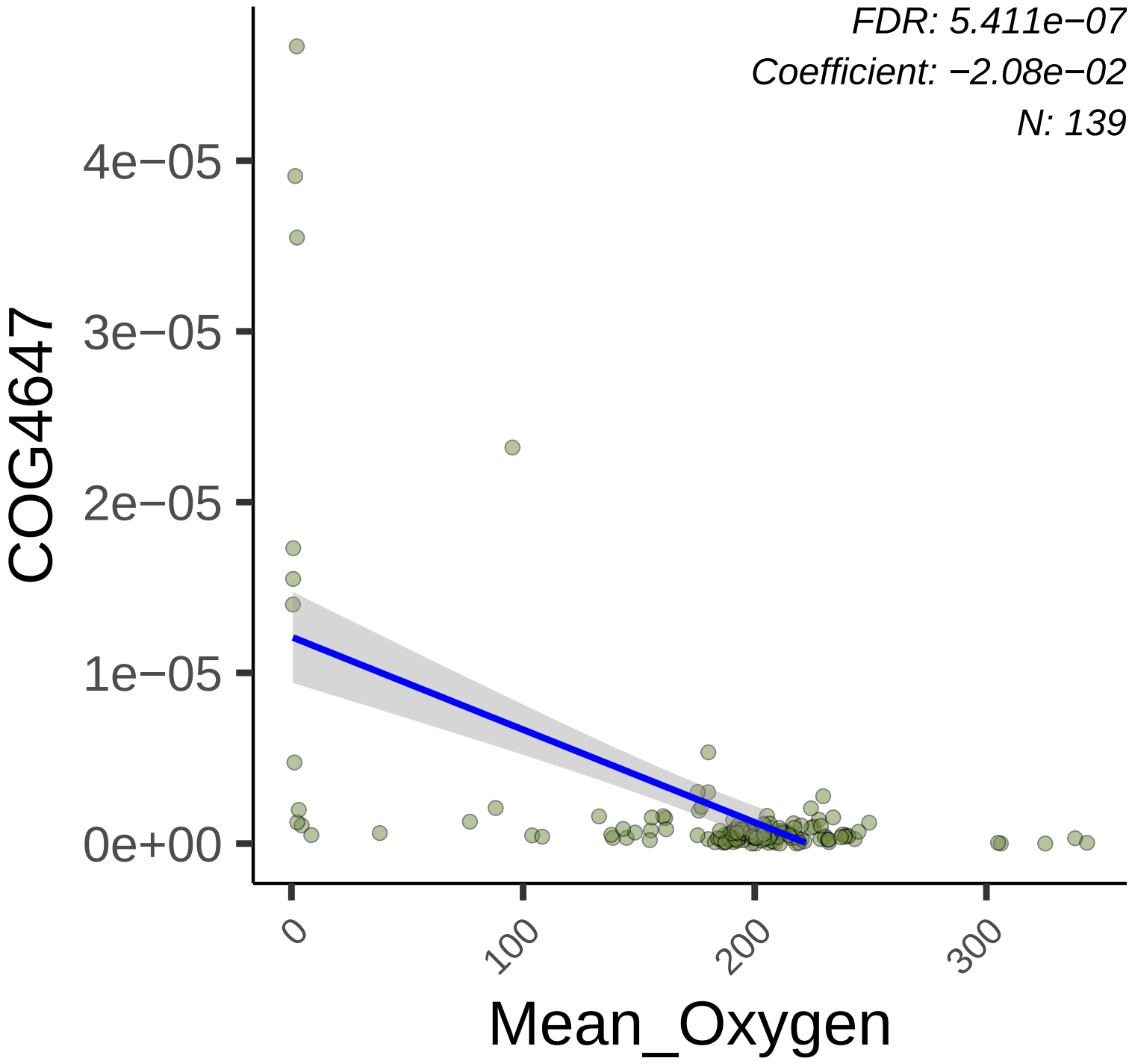
Mean_Oxygen


FDR: 5.411e−07
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N: 139
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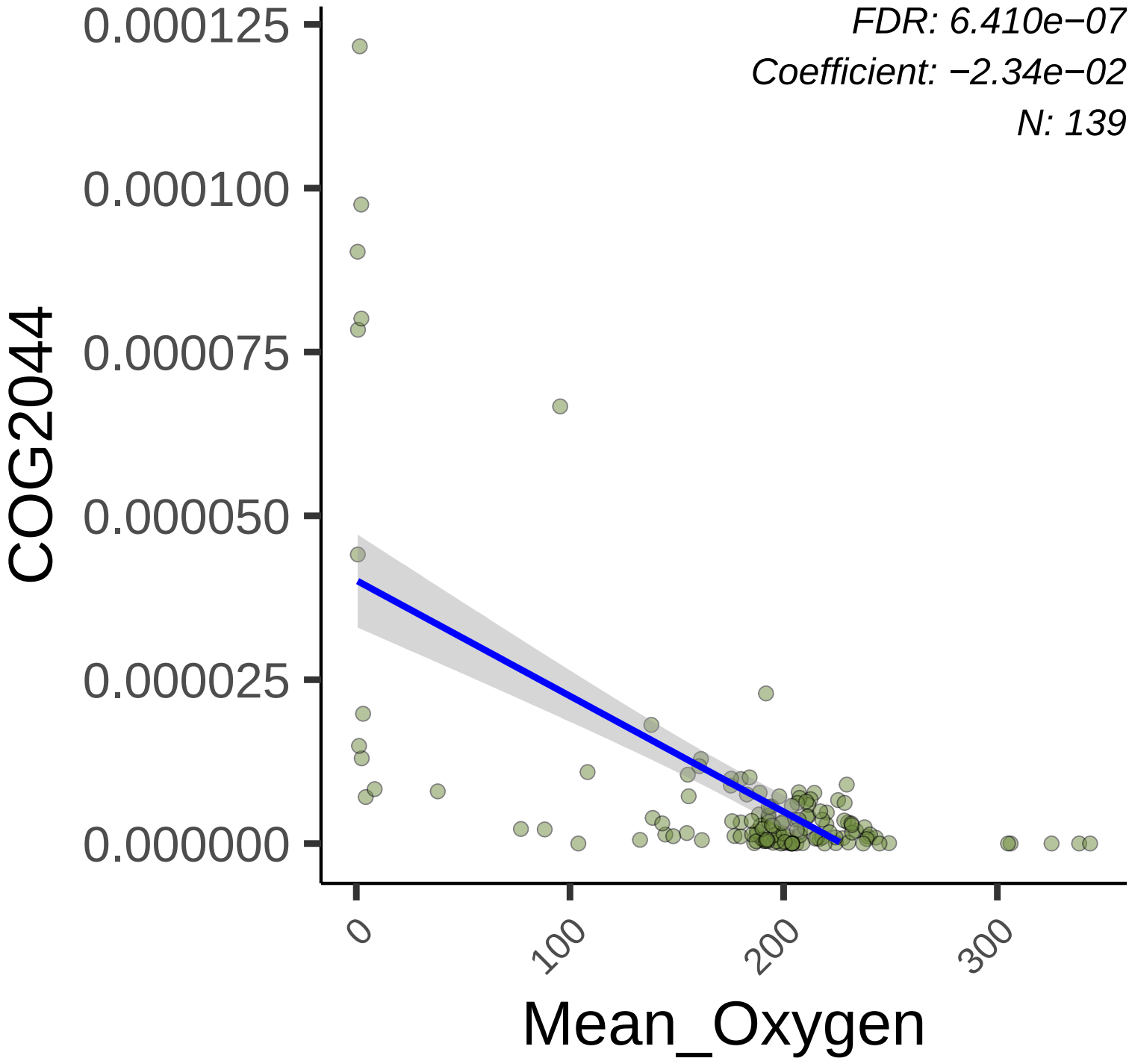
Mean_Oxygen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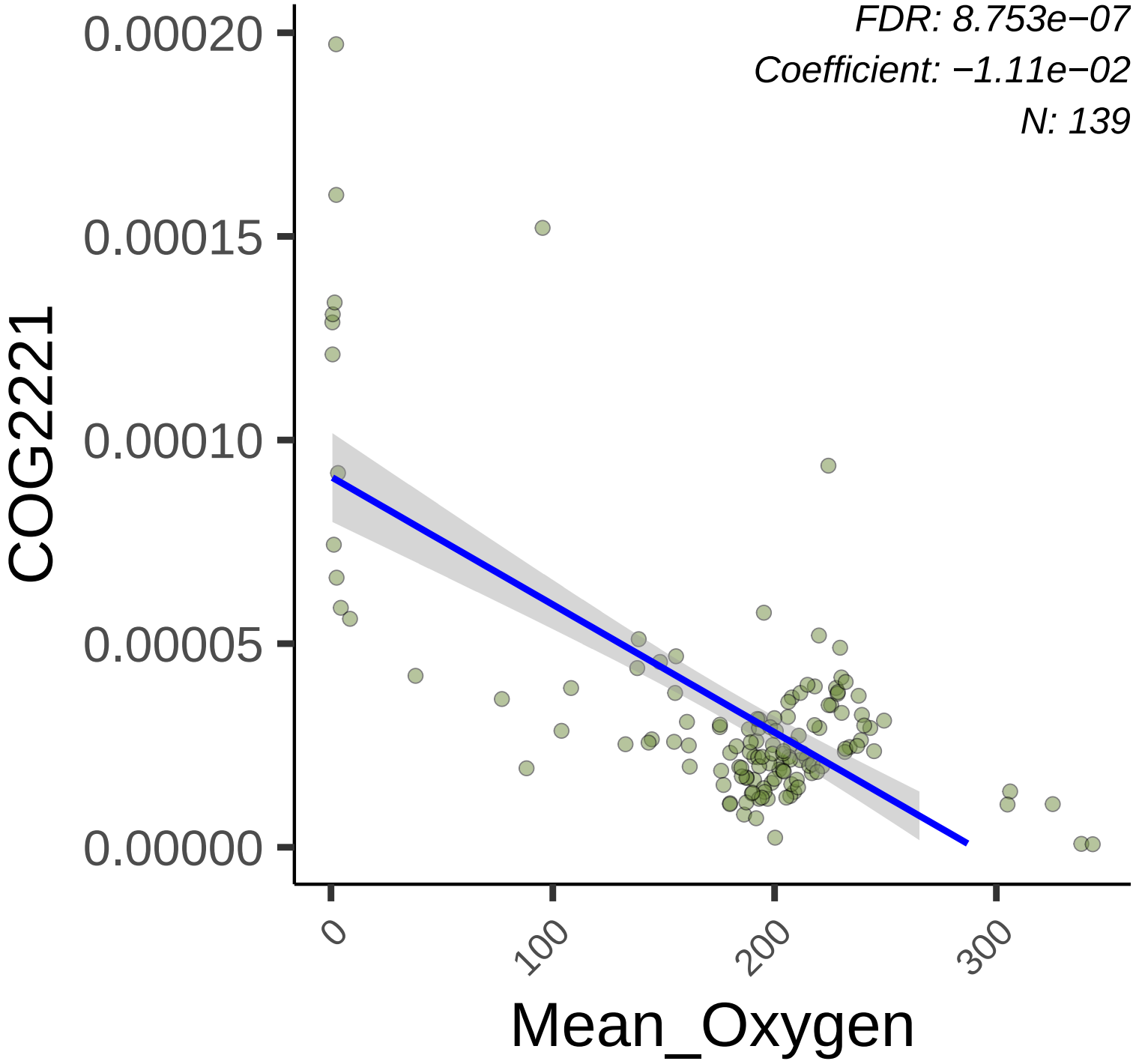
Mean_Oxygen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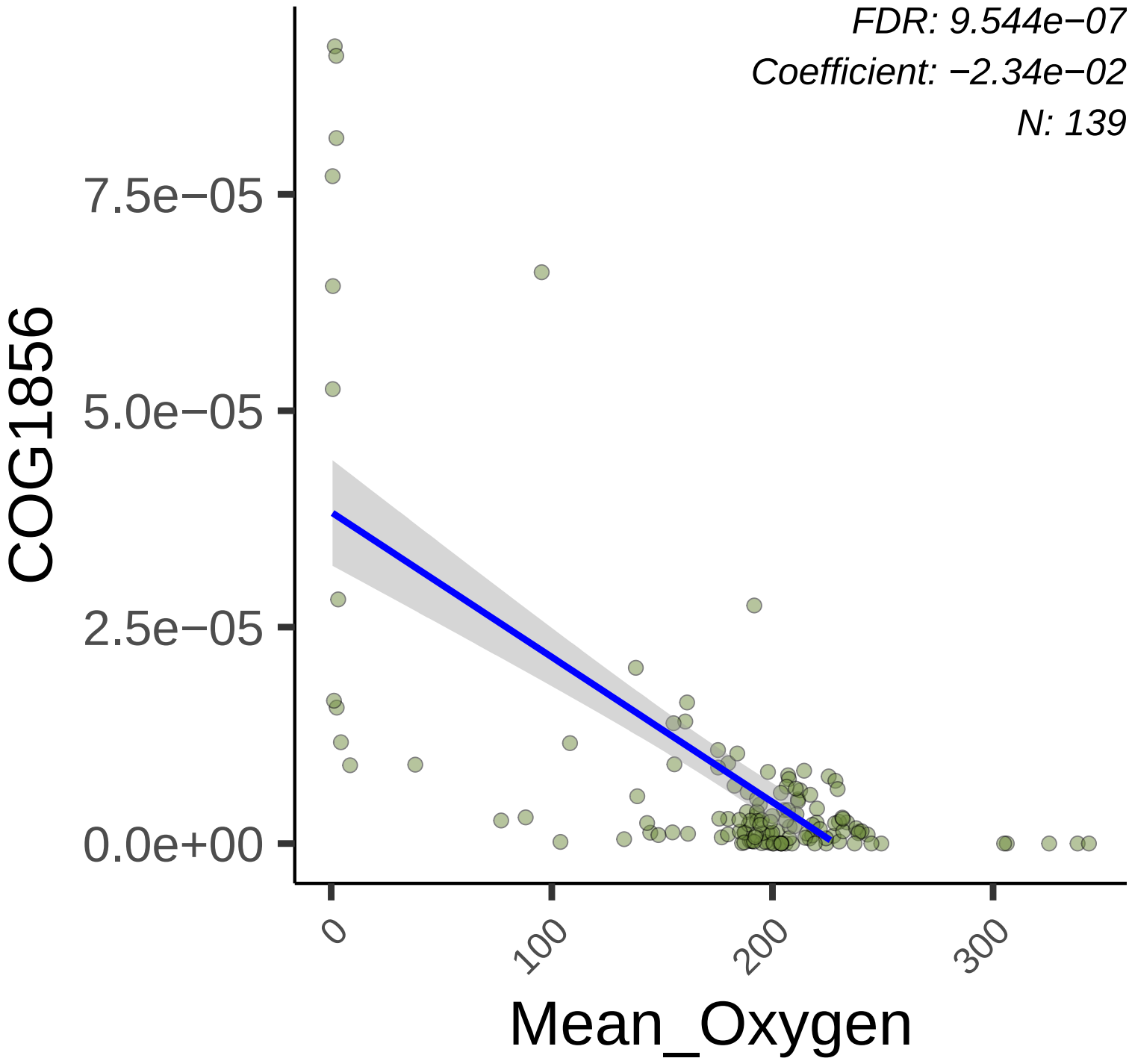
Mean_Oxygen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Coefficient: −2.34e−02
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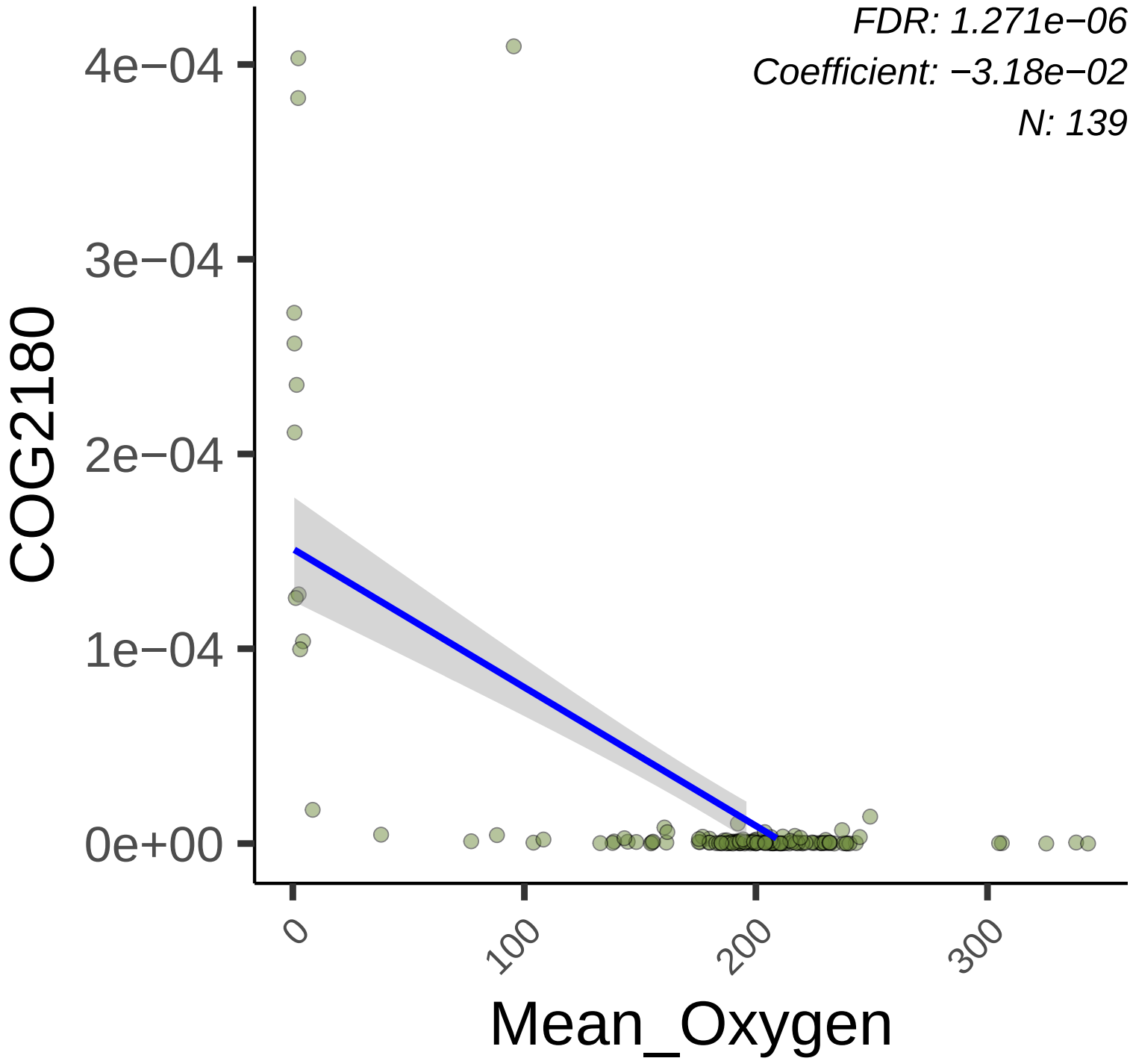
Mean_Oxygen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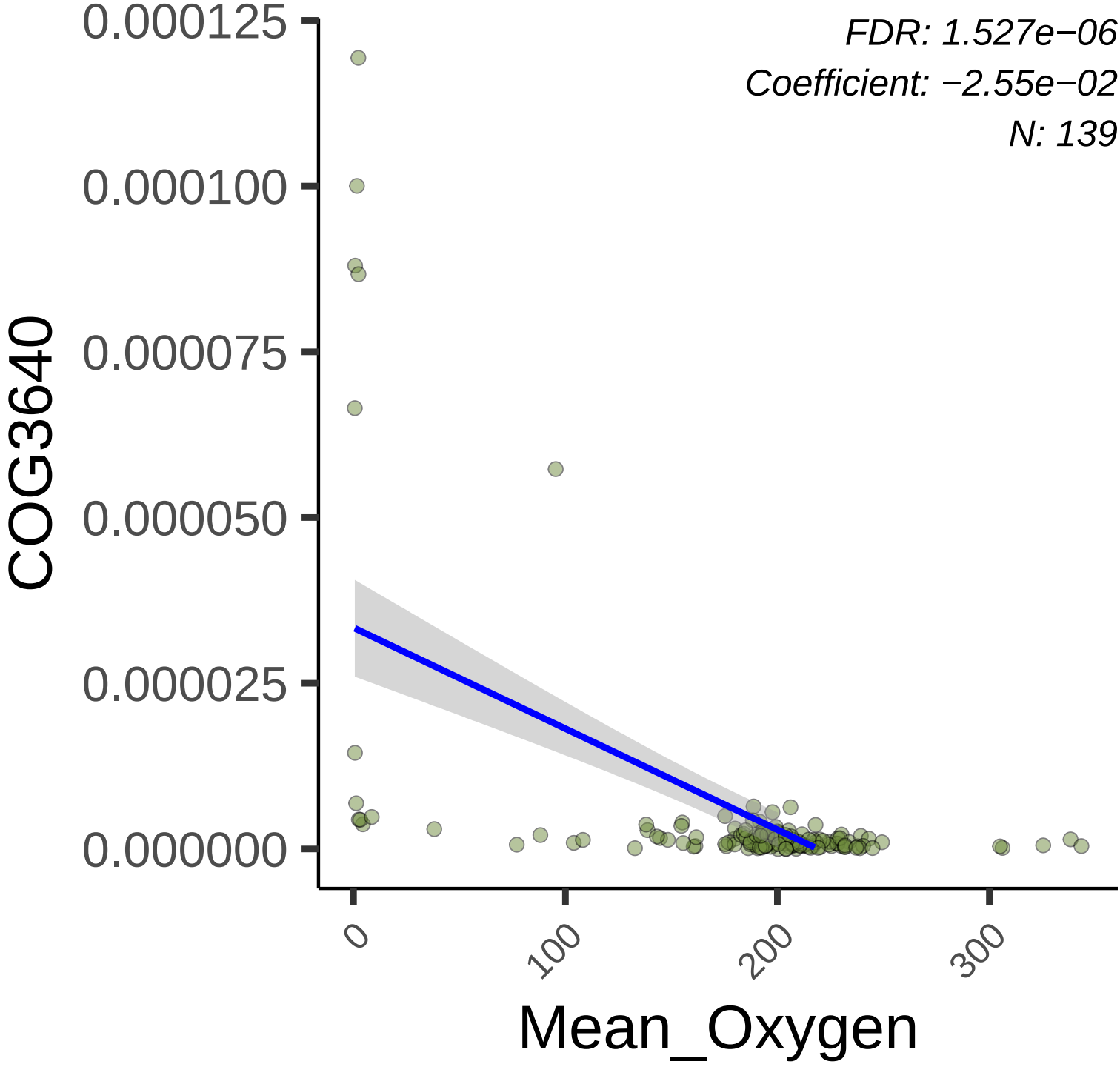
Mean_Oxygen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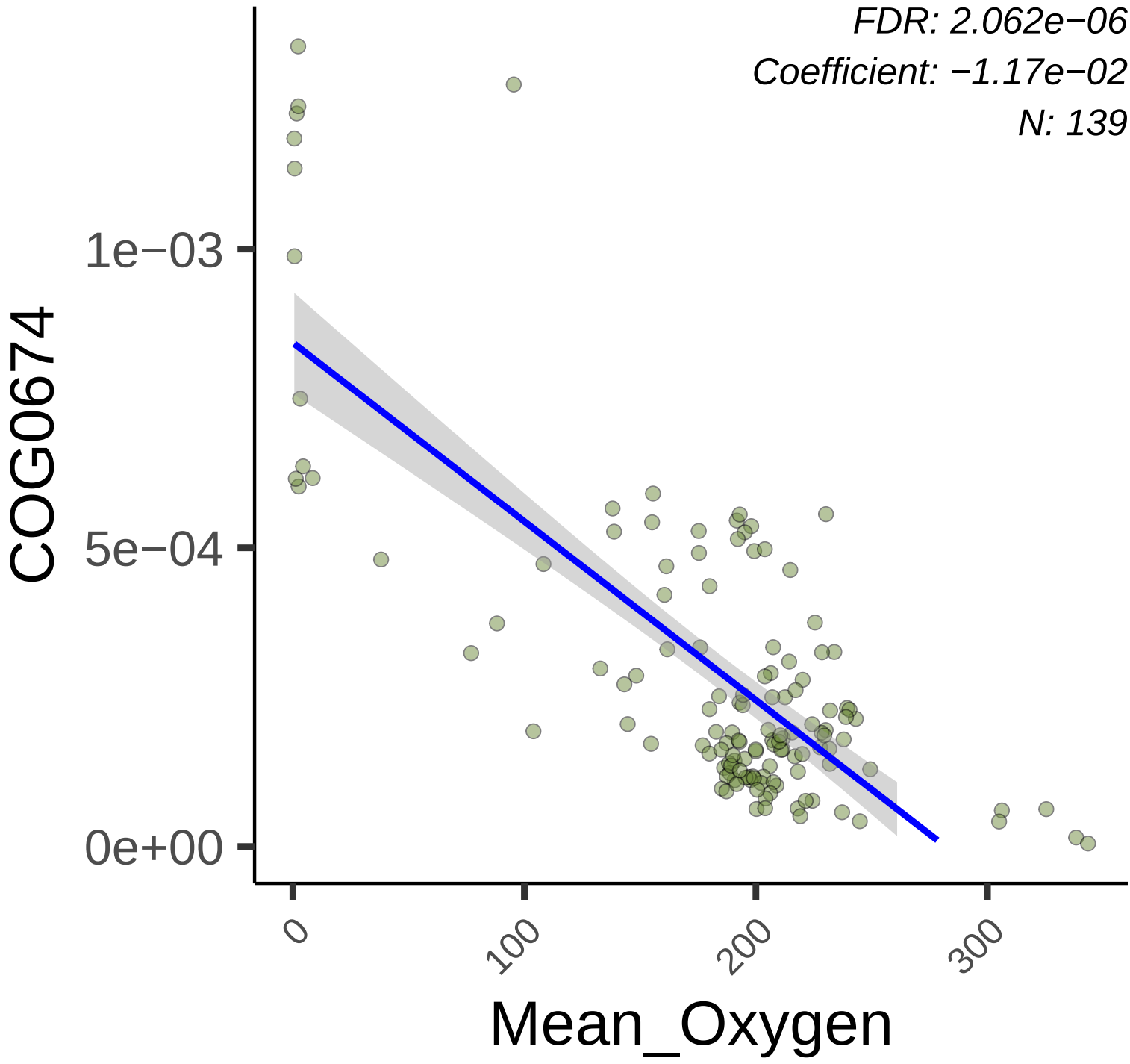
Mean_Oxygen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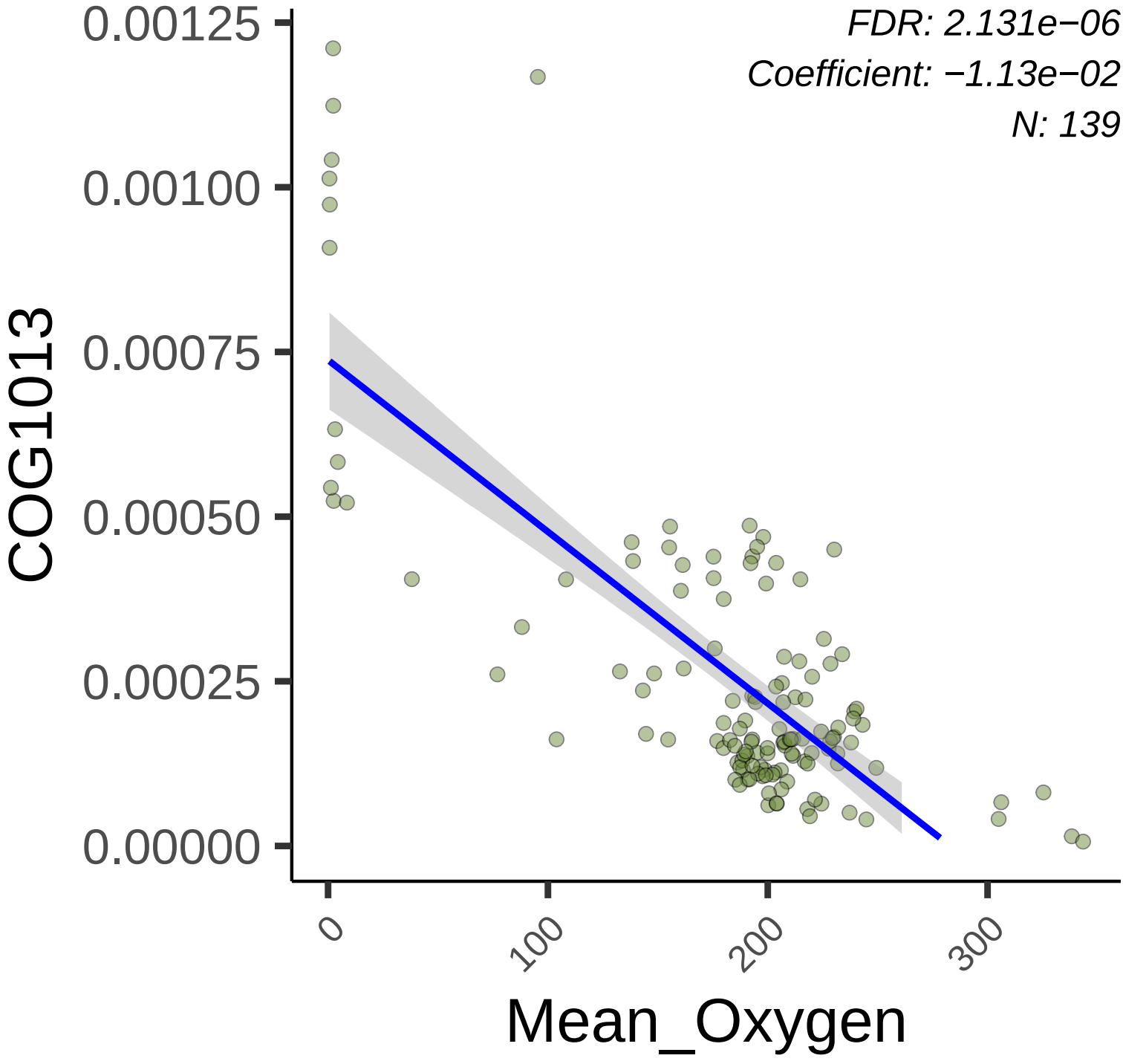
Mean_Oxygen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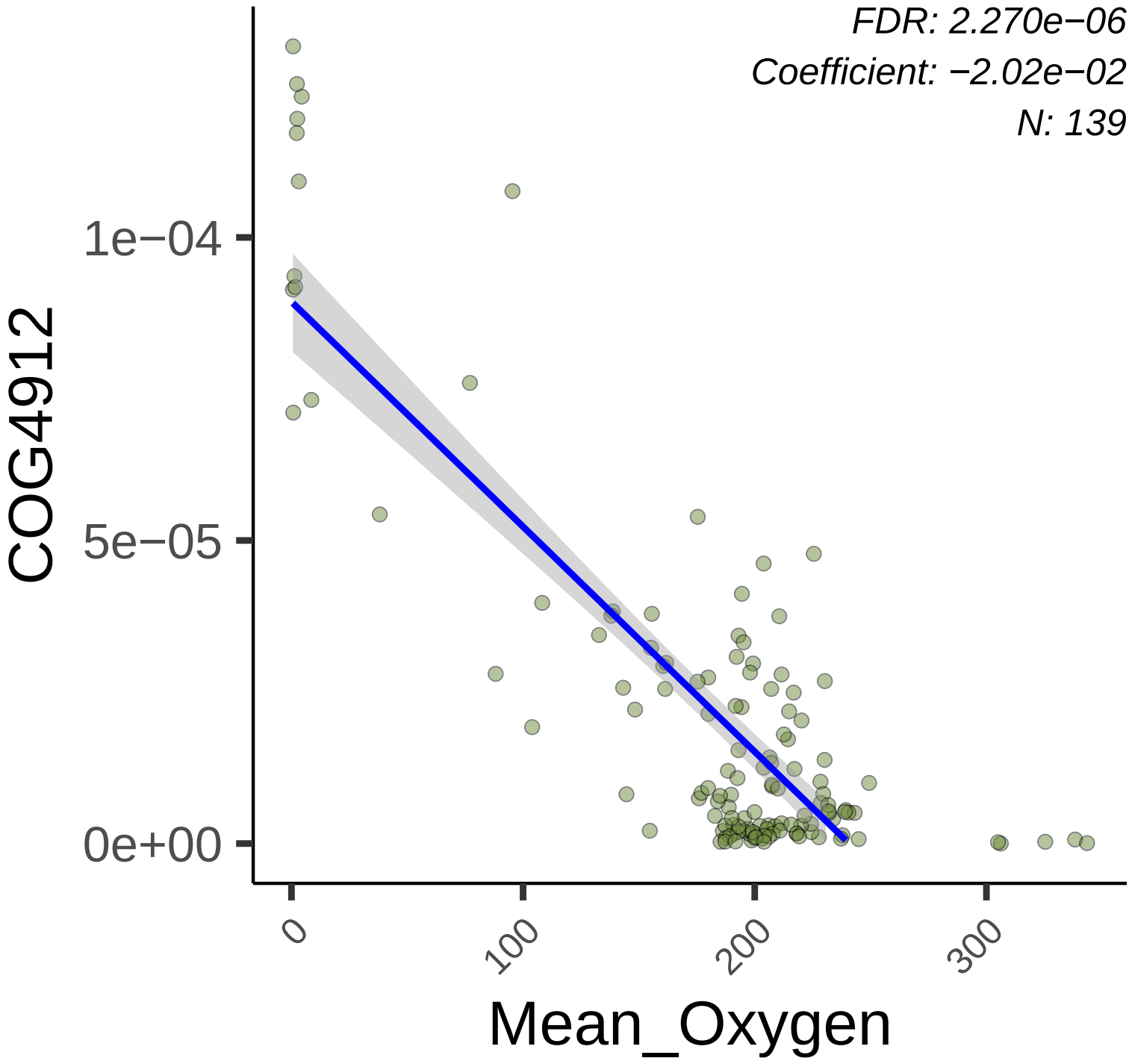
Mean_Oxygen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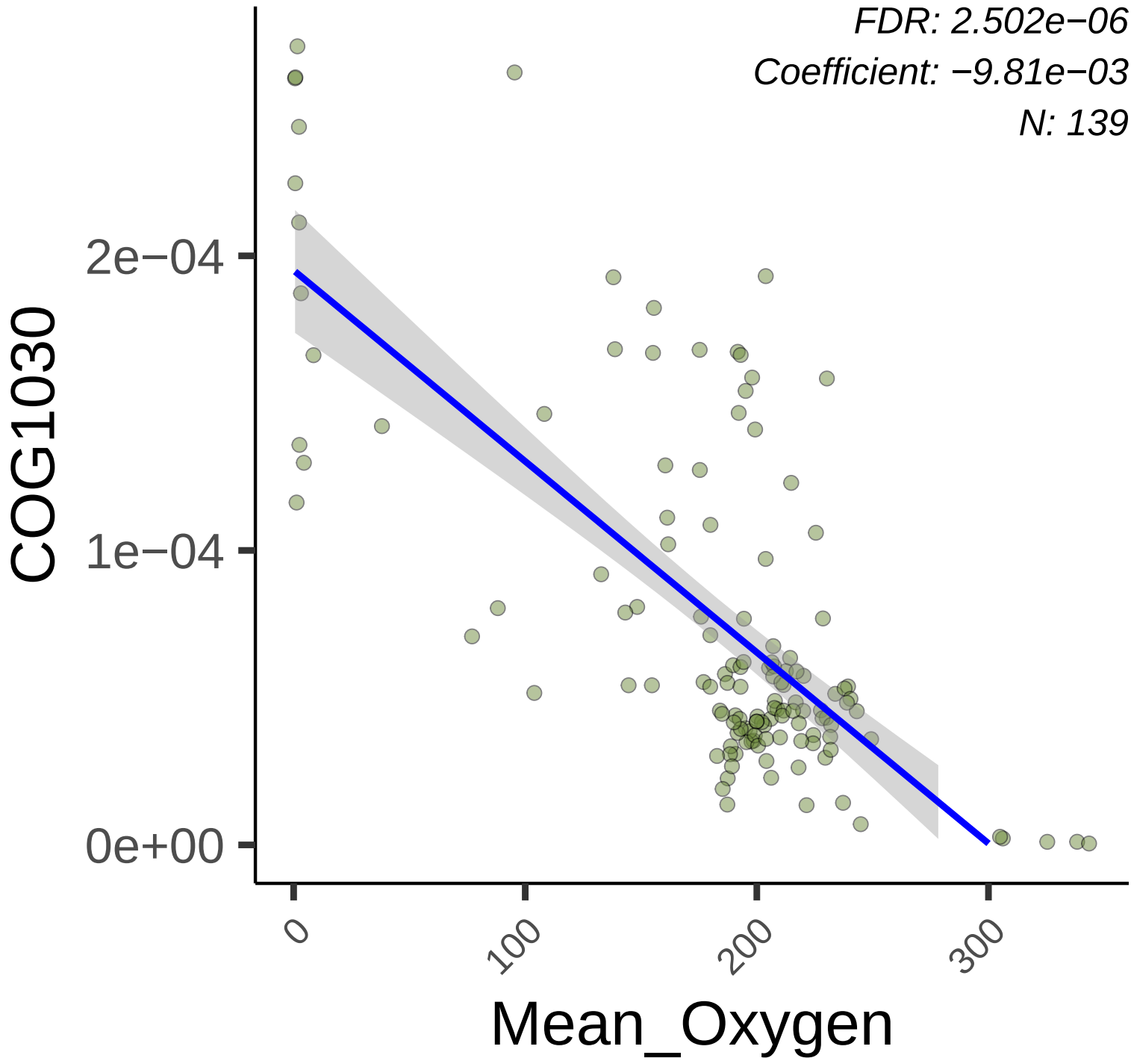
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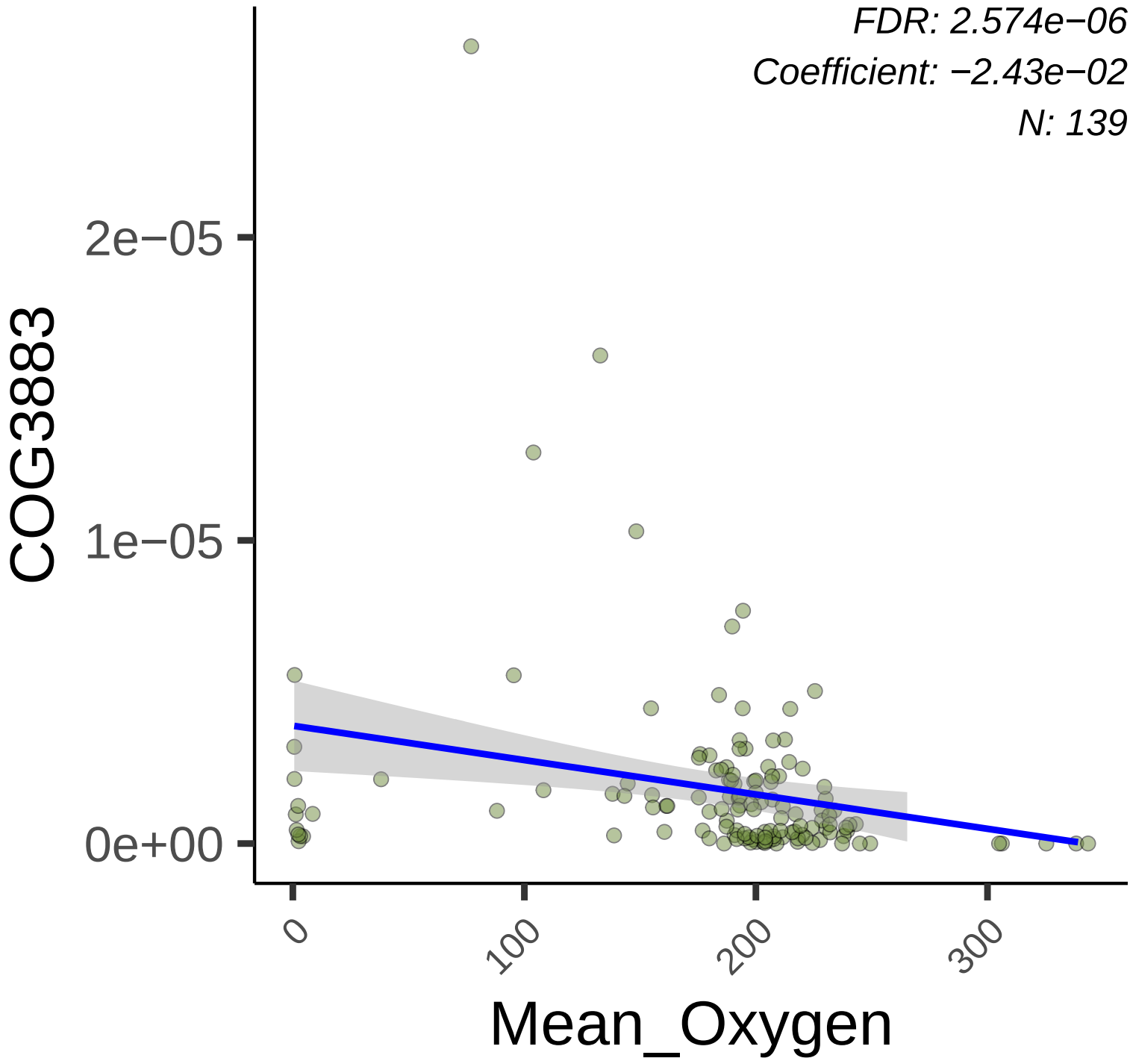
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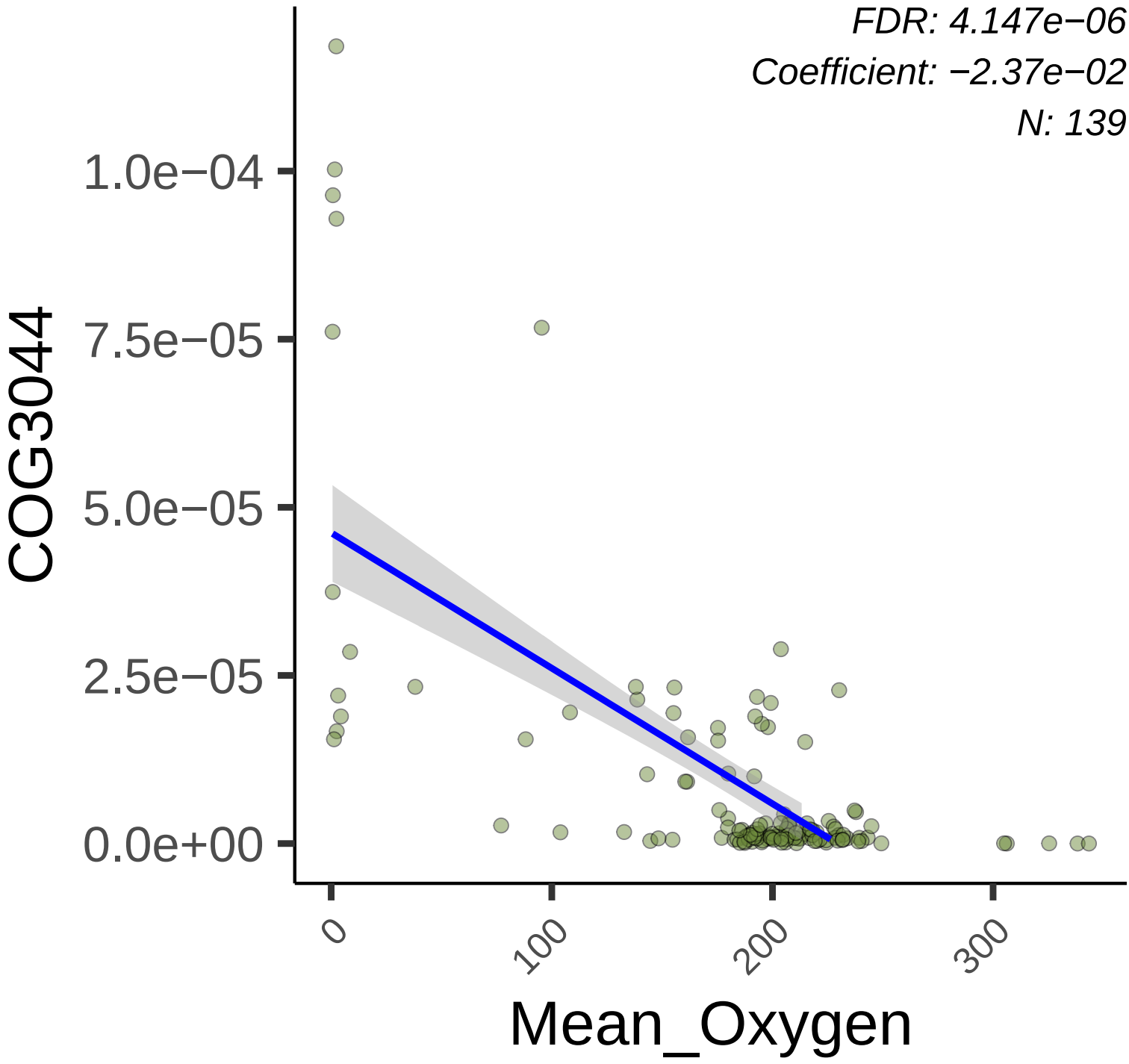
Mean_Oxygen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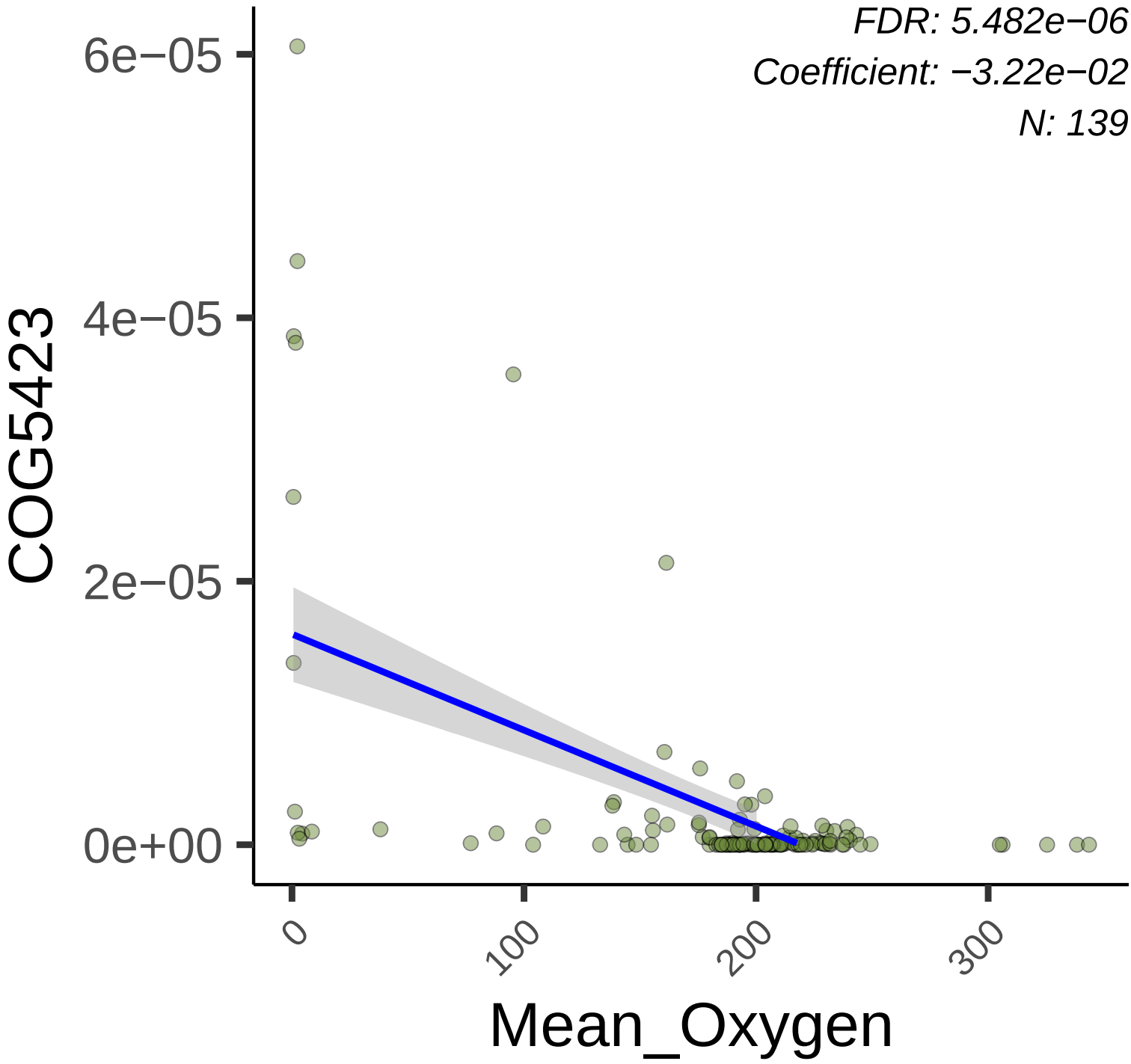
Mean_Oxygen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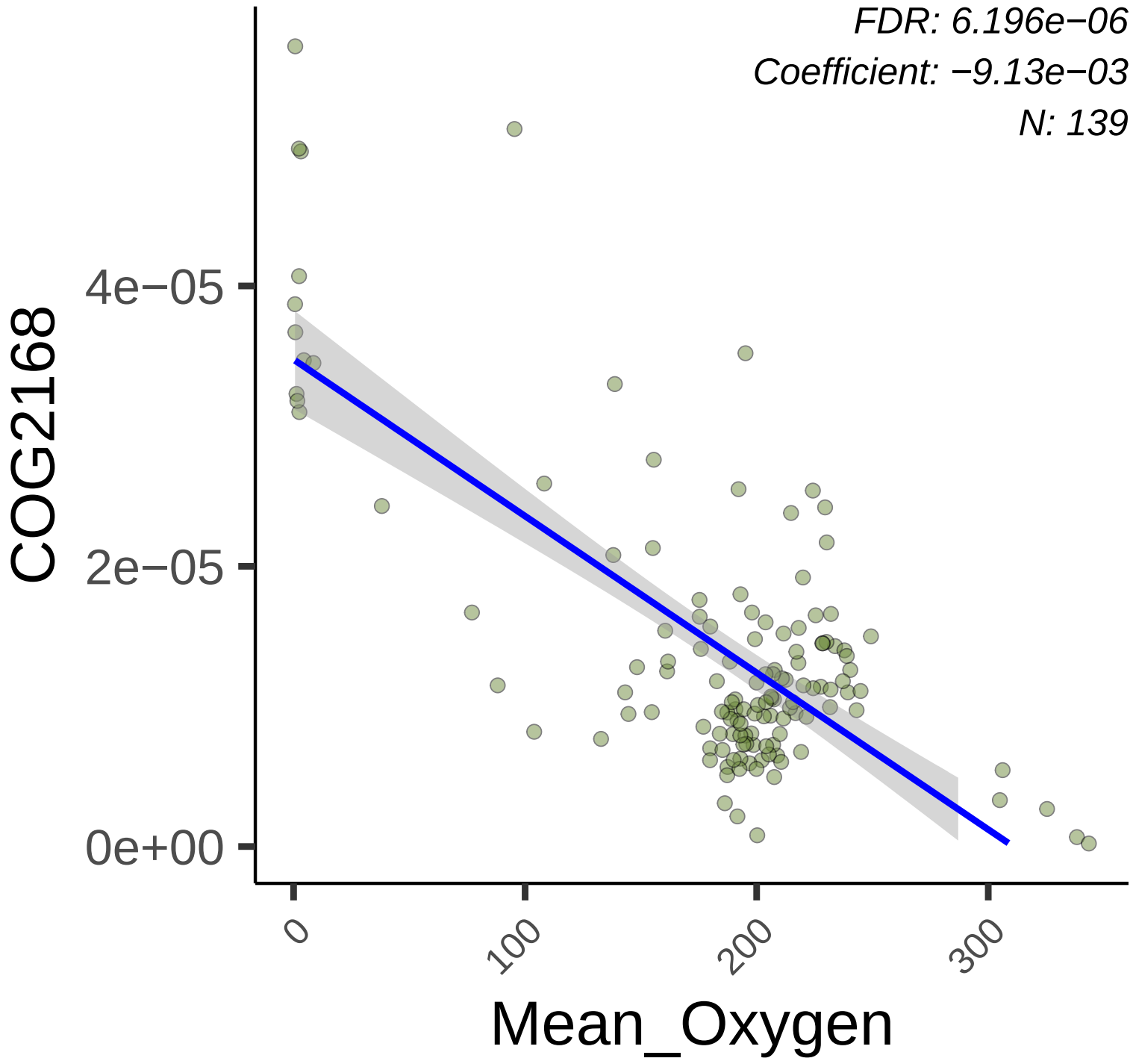
Mean_Oxygen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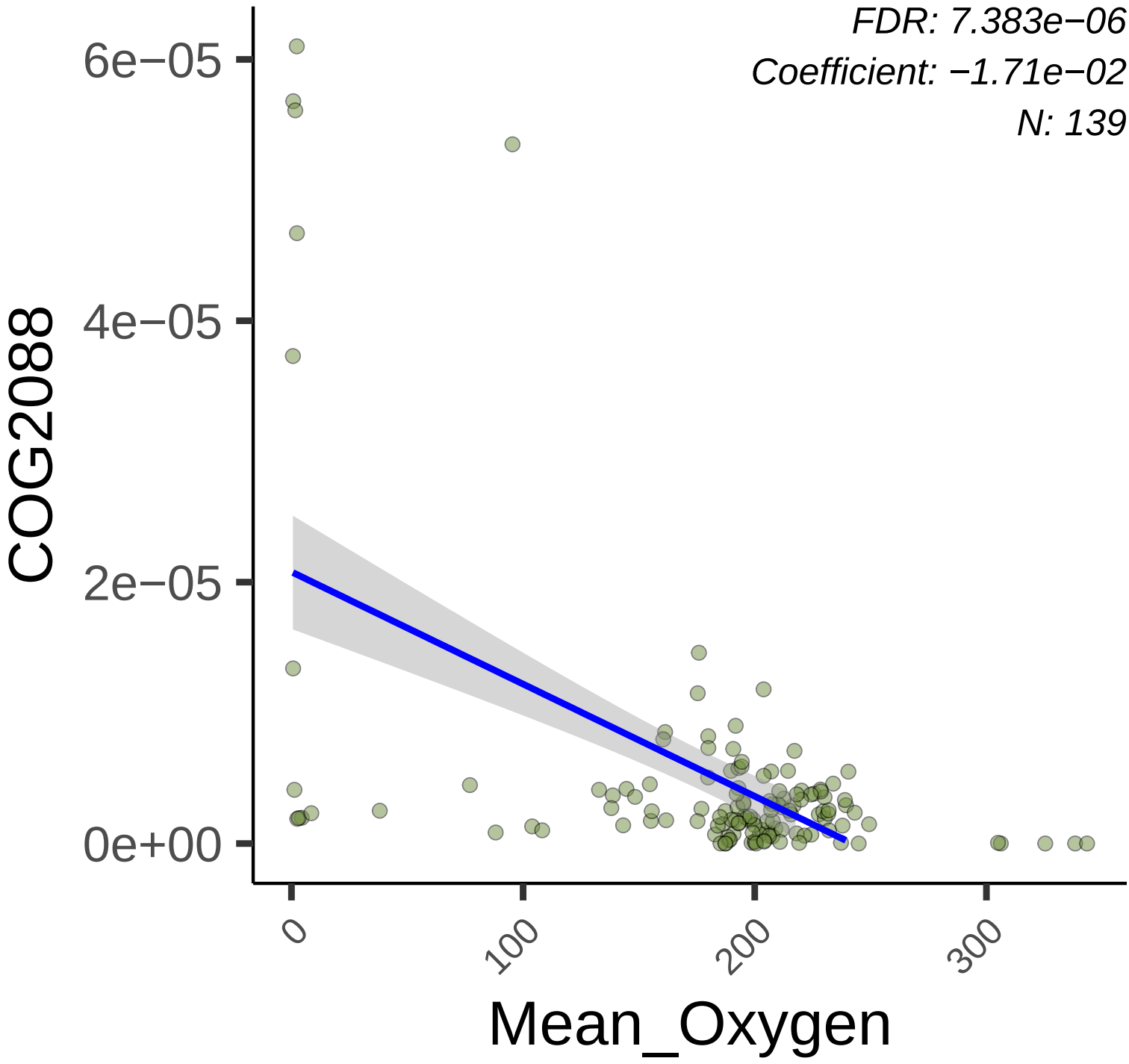
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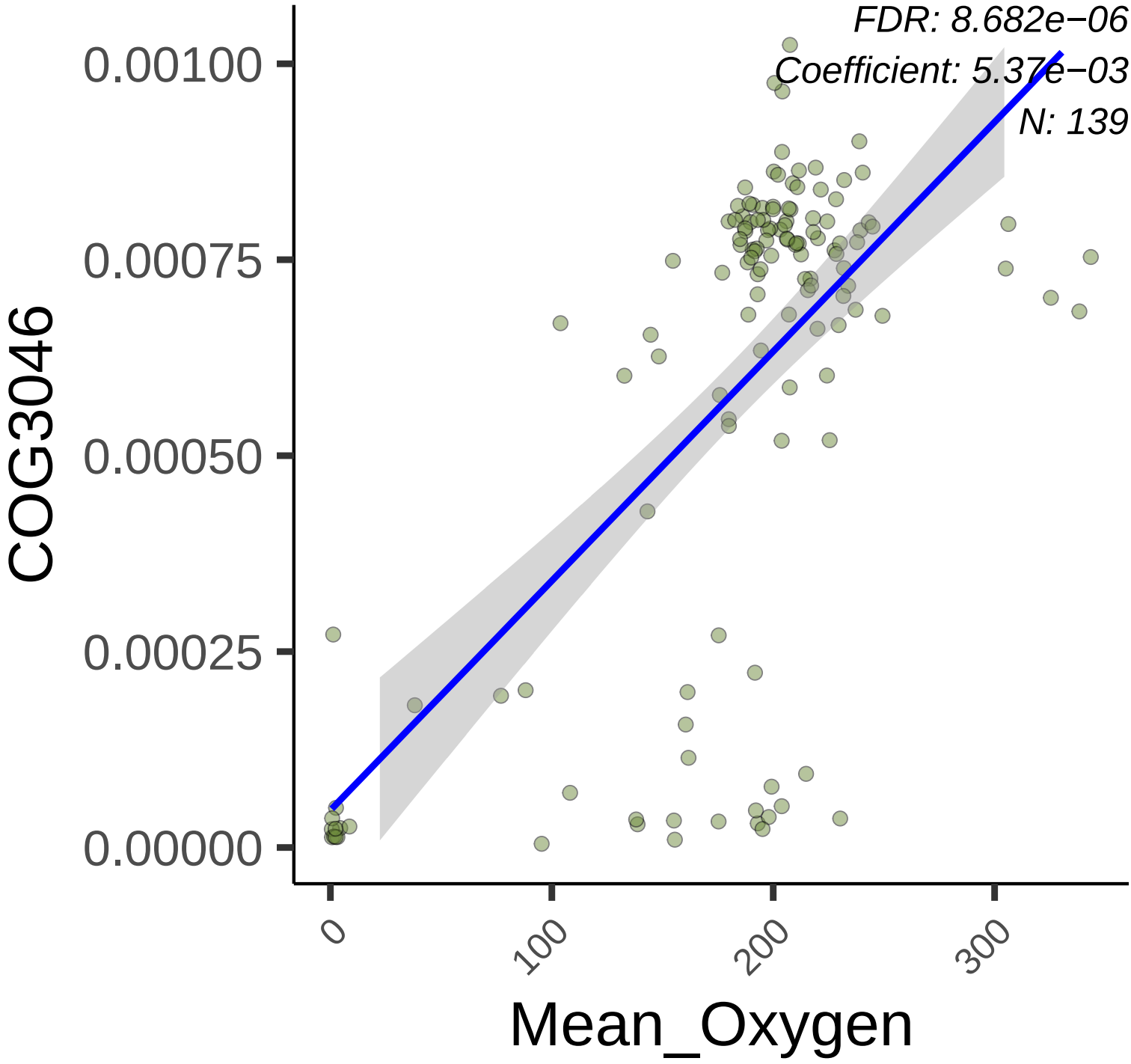
Mean_Oxygen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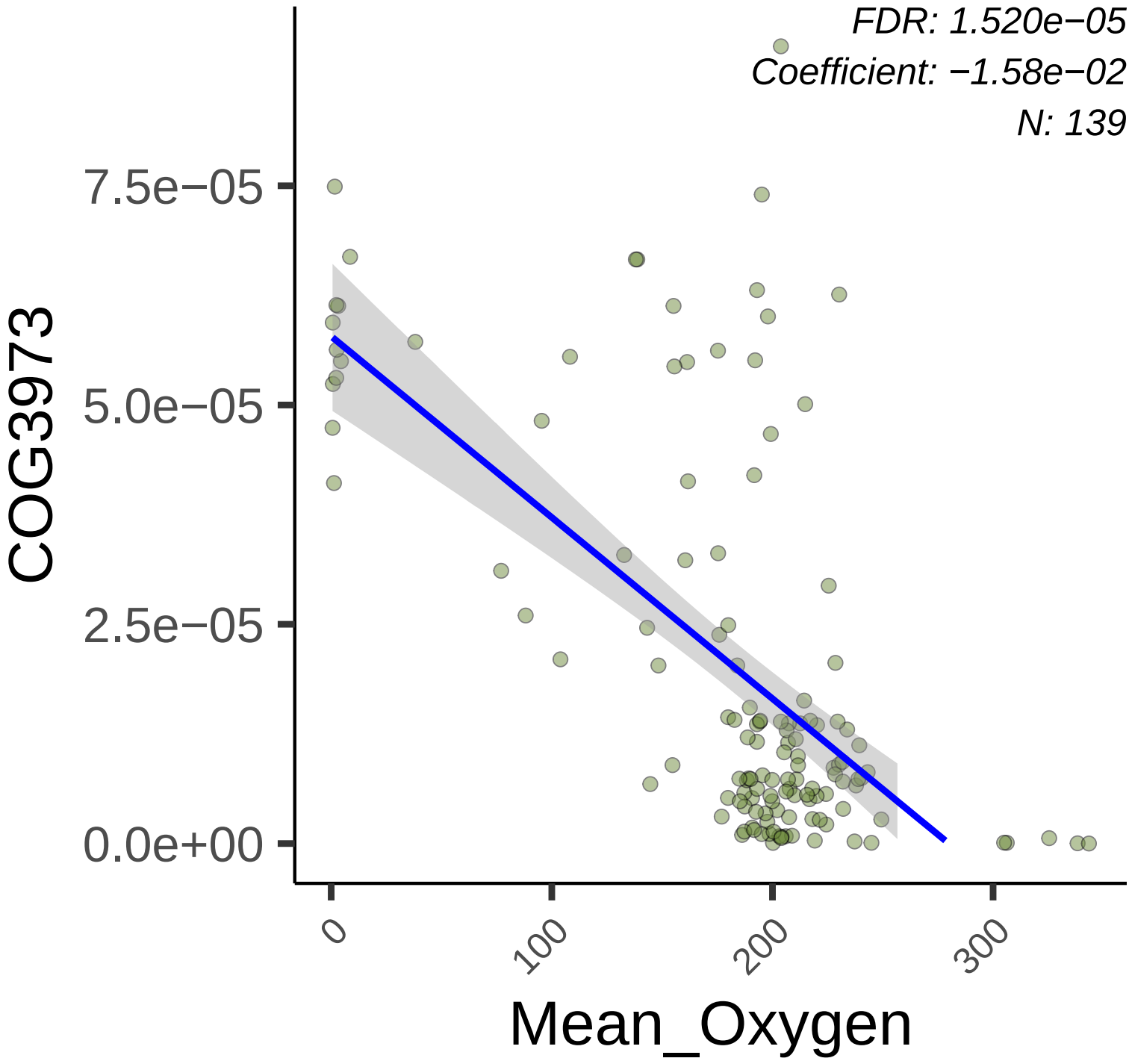
Mean_Oxygen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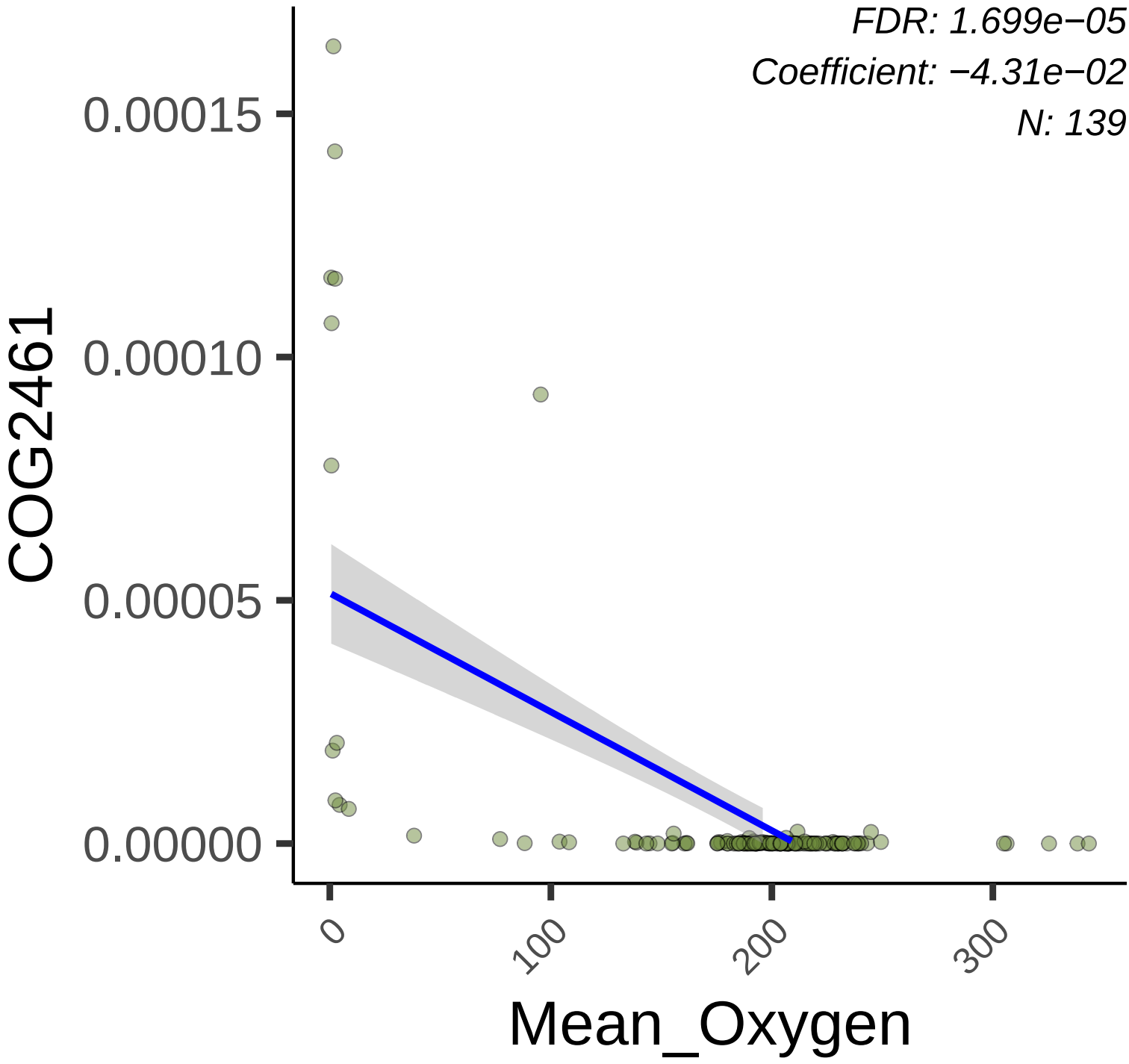
Mean_Oxygen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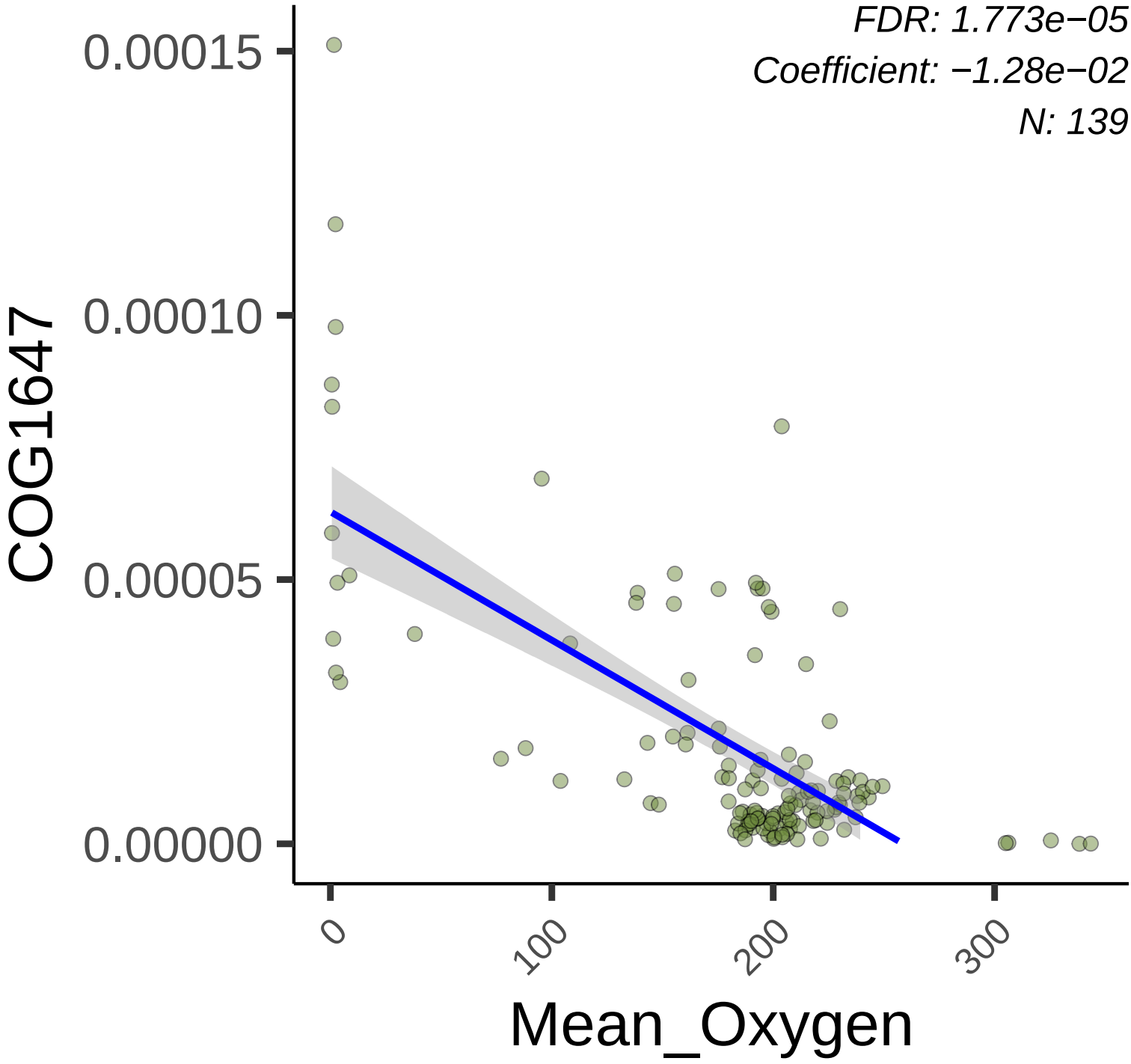
Mean_Oxygen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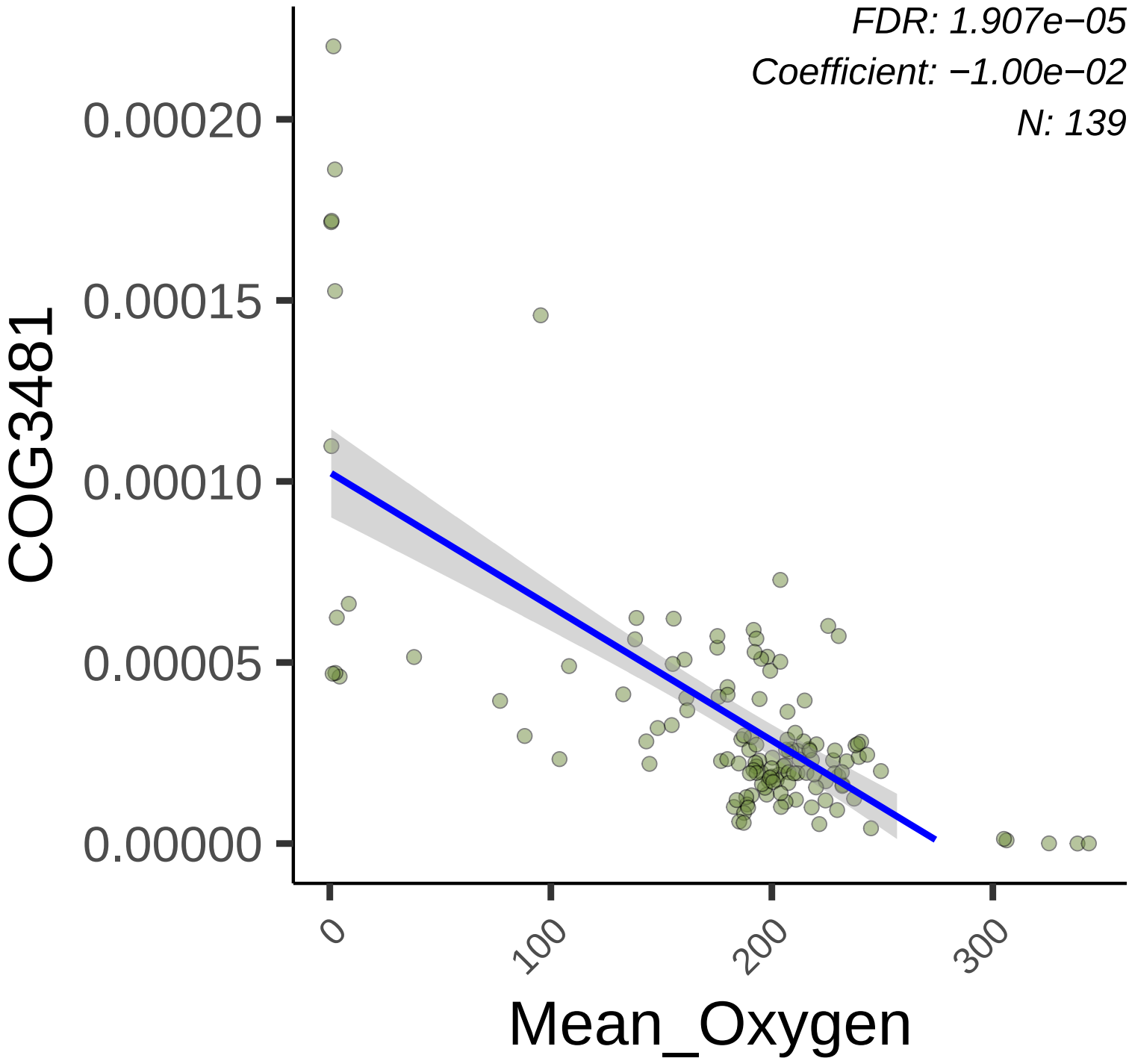
Mean_Oxygen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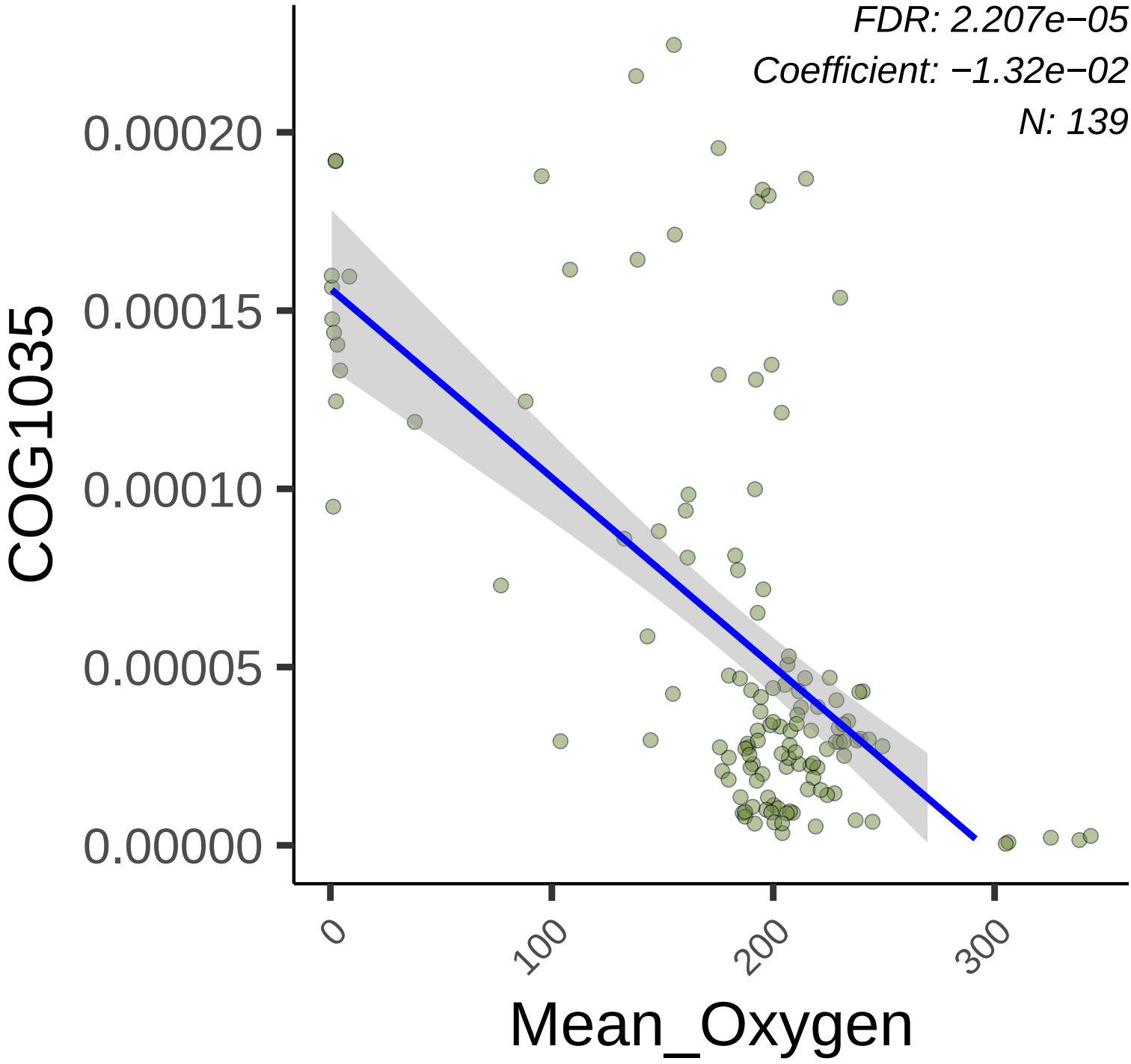
Mean_Oxygen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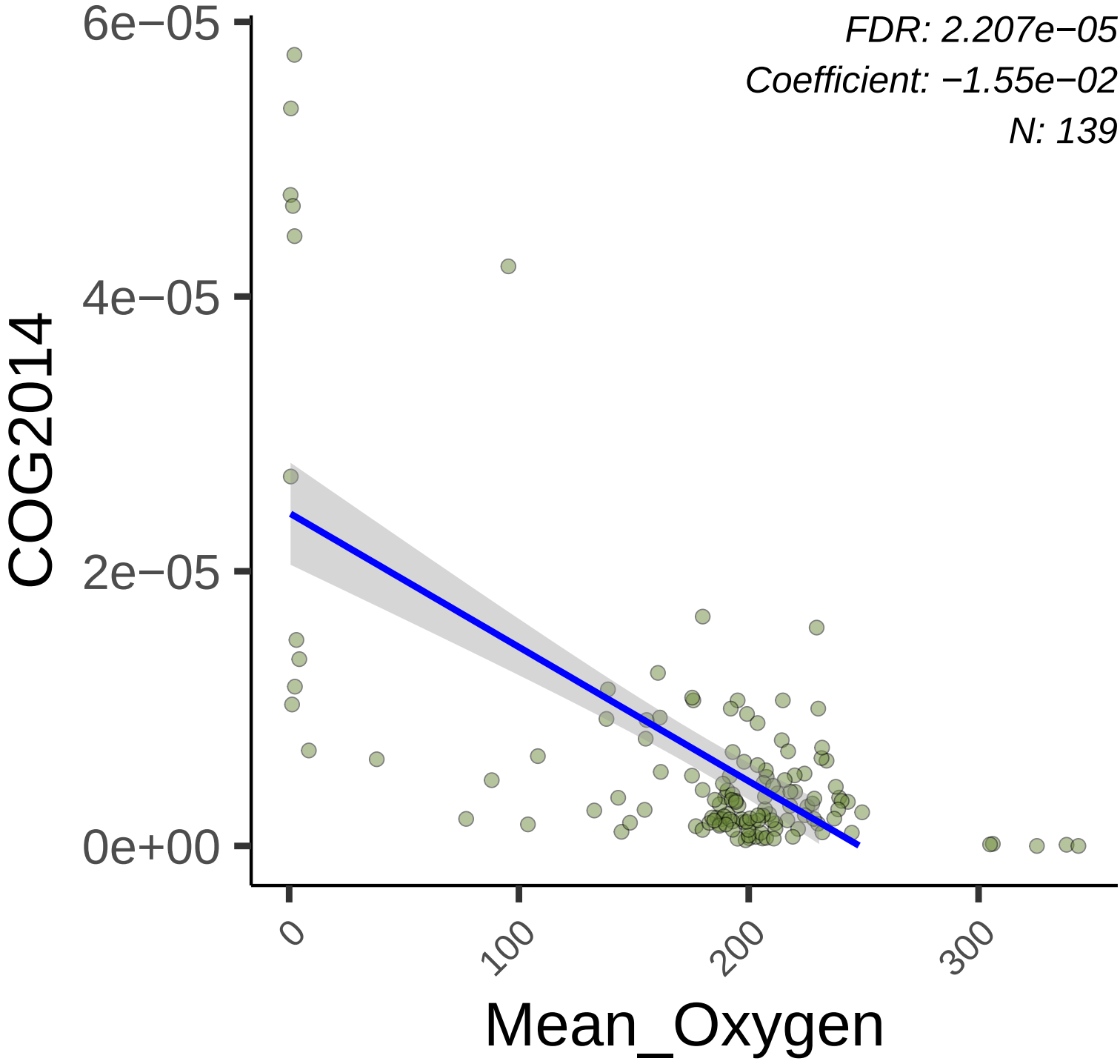
Mean_Oxygen


FDR: 2.207e−05
Coefficient: −1.55e−02
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COG2014
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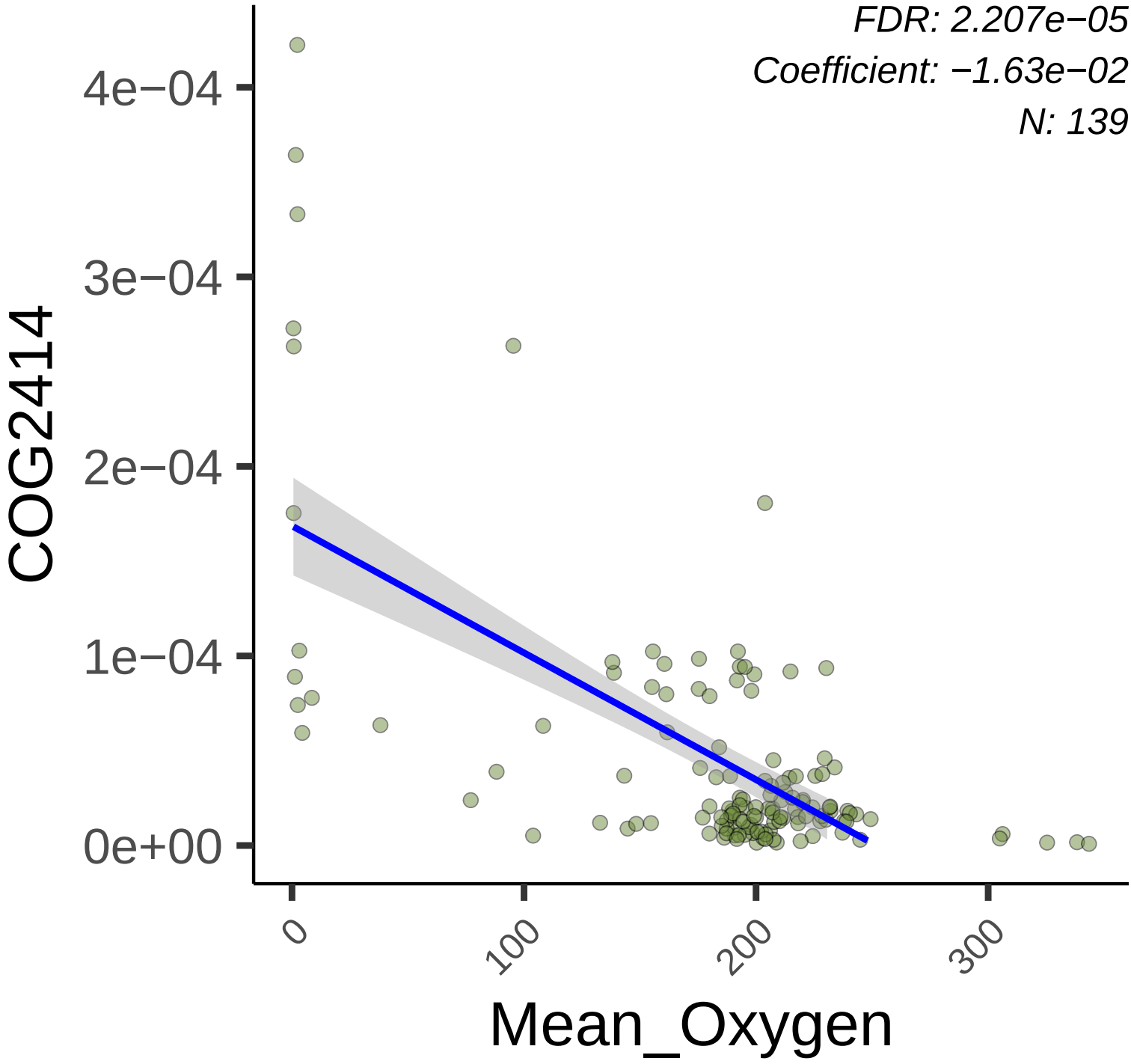
Mean_Oxygen


FDR: 2.207e−05
Coefficient: −1.63e−02
N: 139
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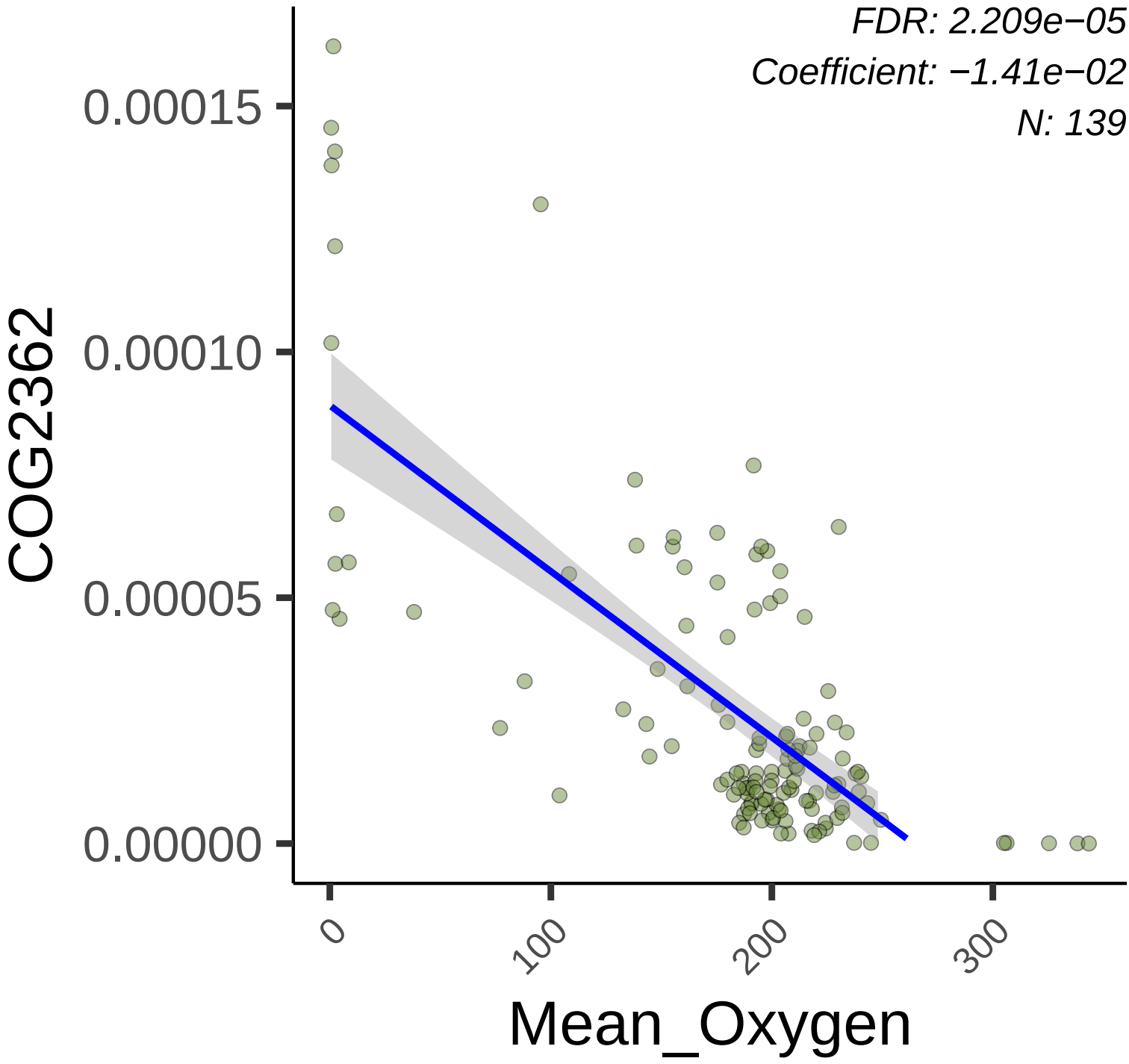
Mean_Oxygen


FDR: 2.209e−05
Coefficient: −1.41e−02
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COG2362
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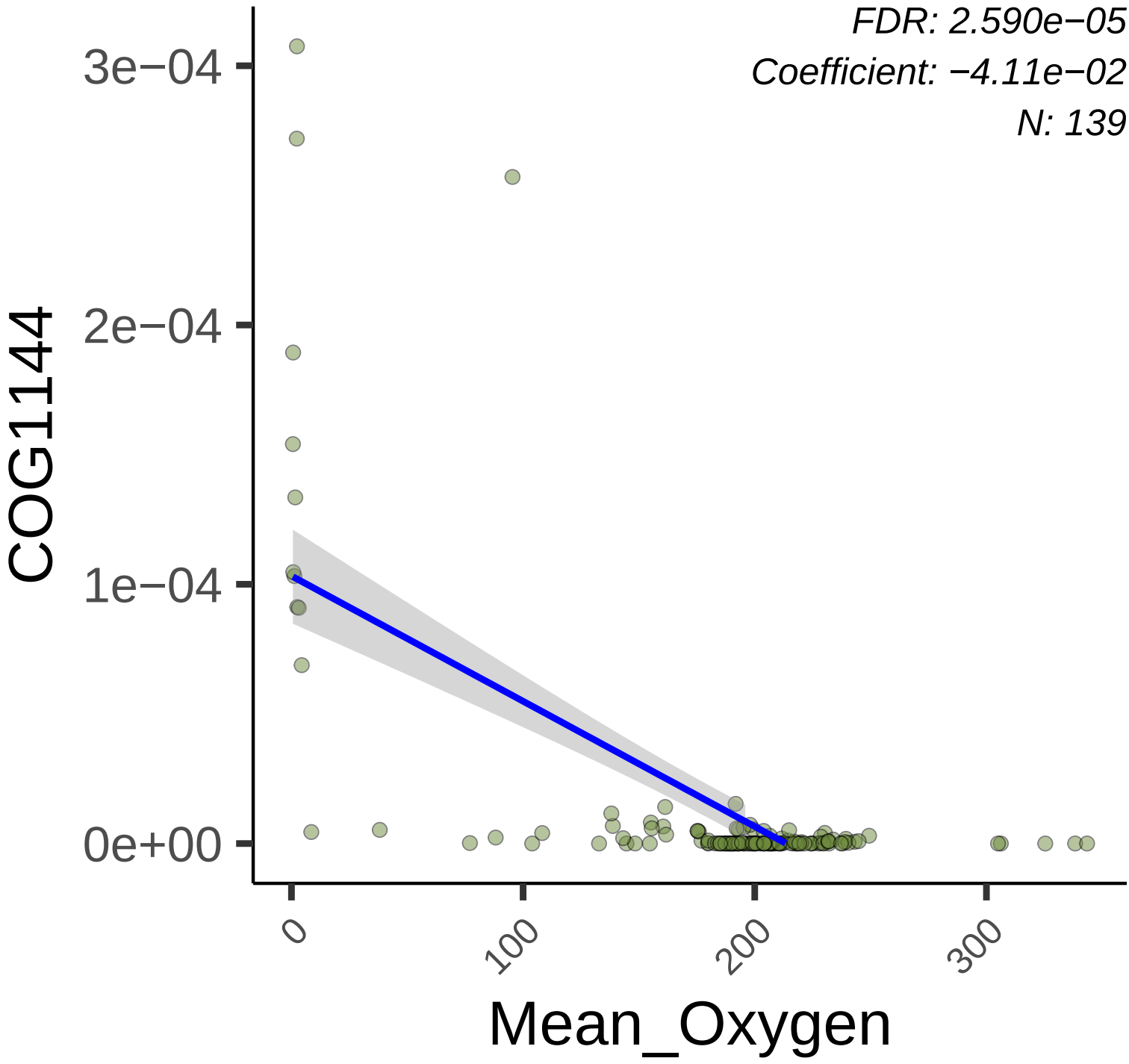
Mean_Oxygen


FDR: 2.590e−05
Coefficient: −4.11e−02
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COG1144
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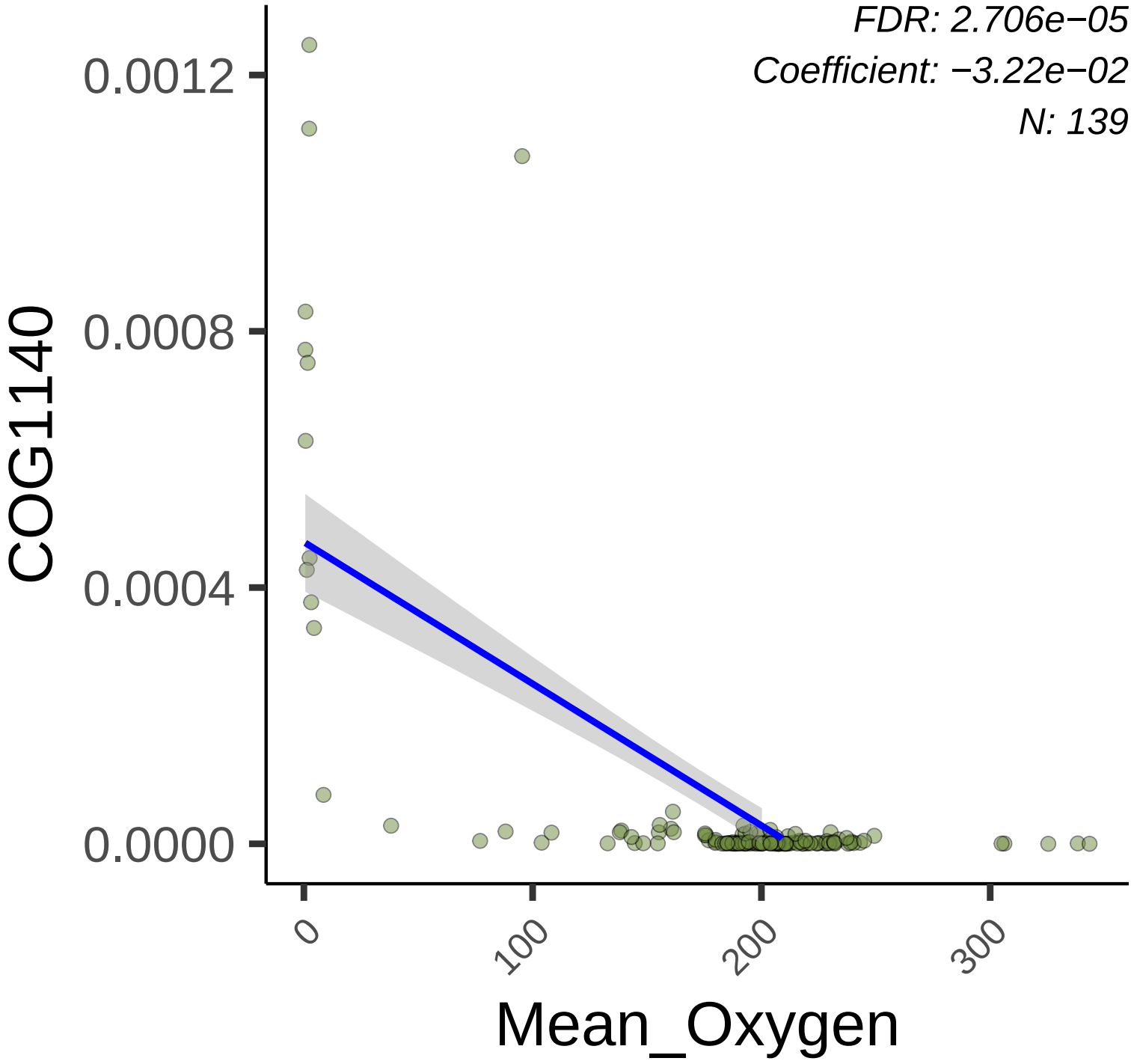
Mean_Oxygen


FDR: 2.706e−05
Coefficient: −3.22e−02
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COG1140
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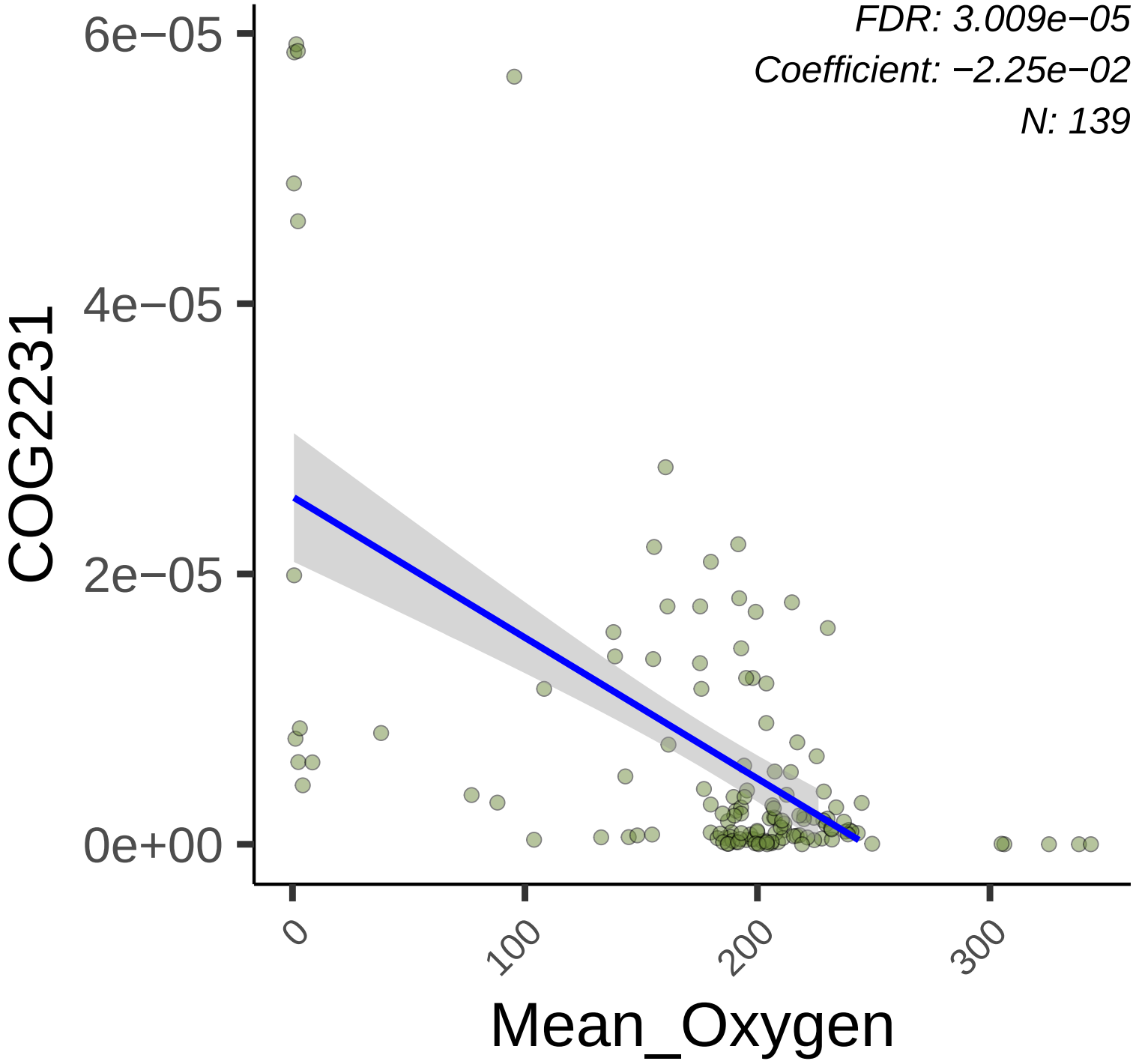
Mean_Oxygen


FDR: 3.009e−05
Coefficient: −2.25e−02
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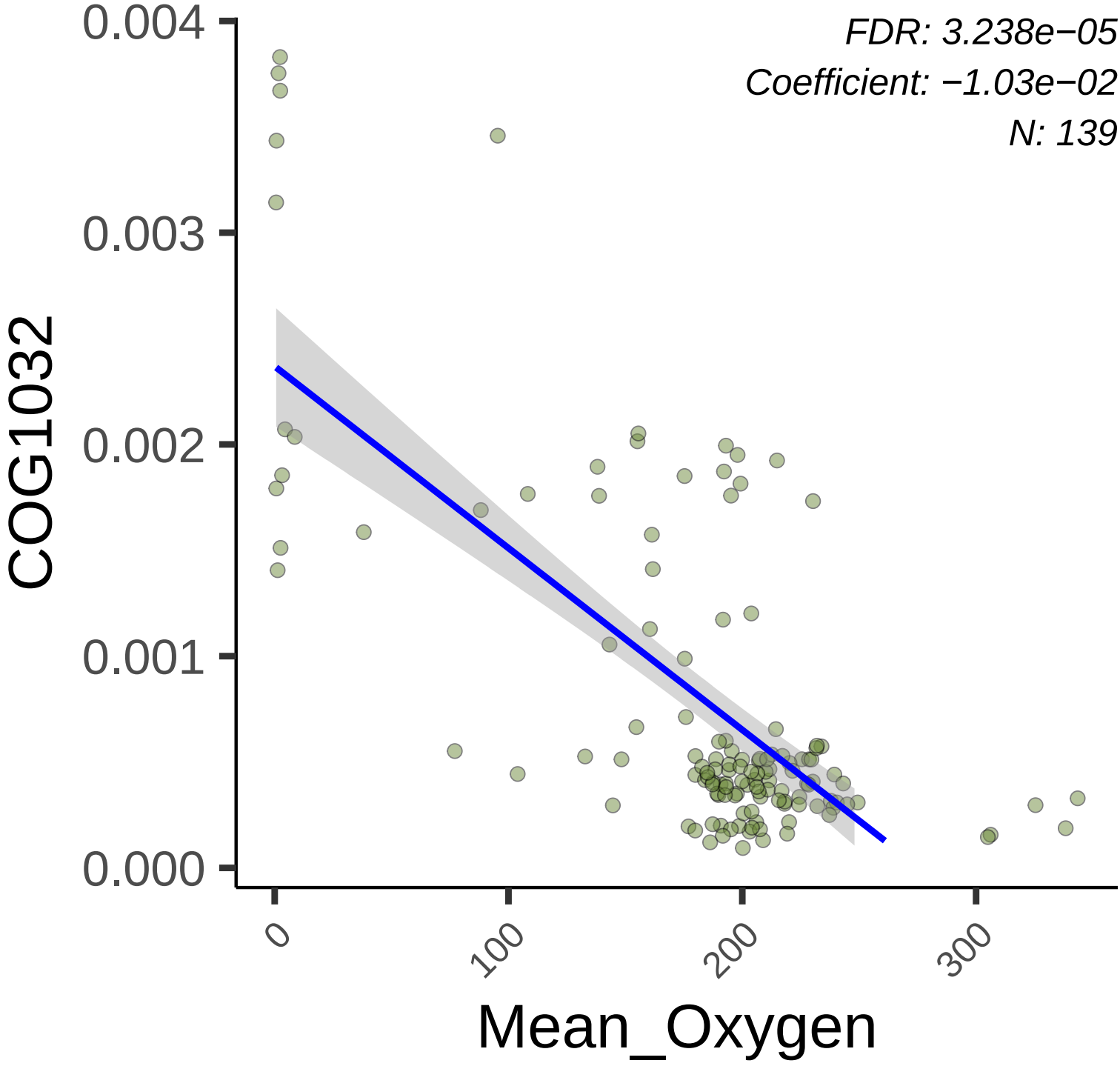
Mean_Oxygen


FDR: 3.238e−05
Coefficient: −1.03e−02
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COG1032
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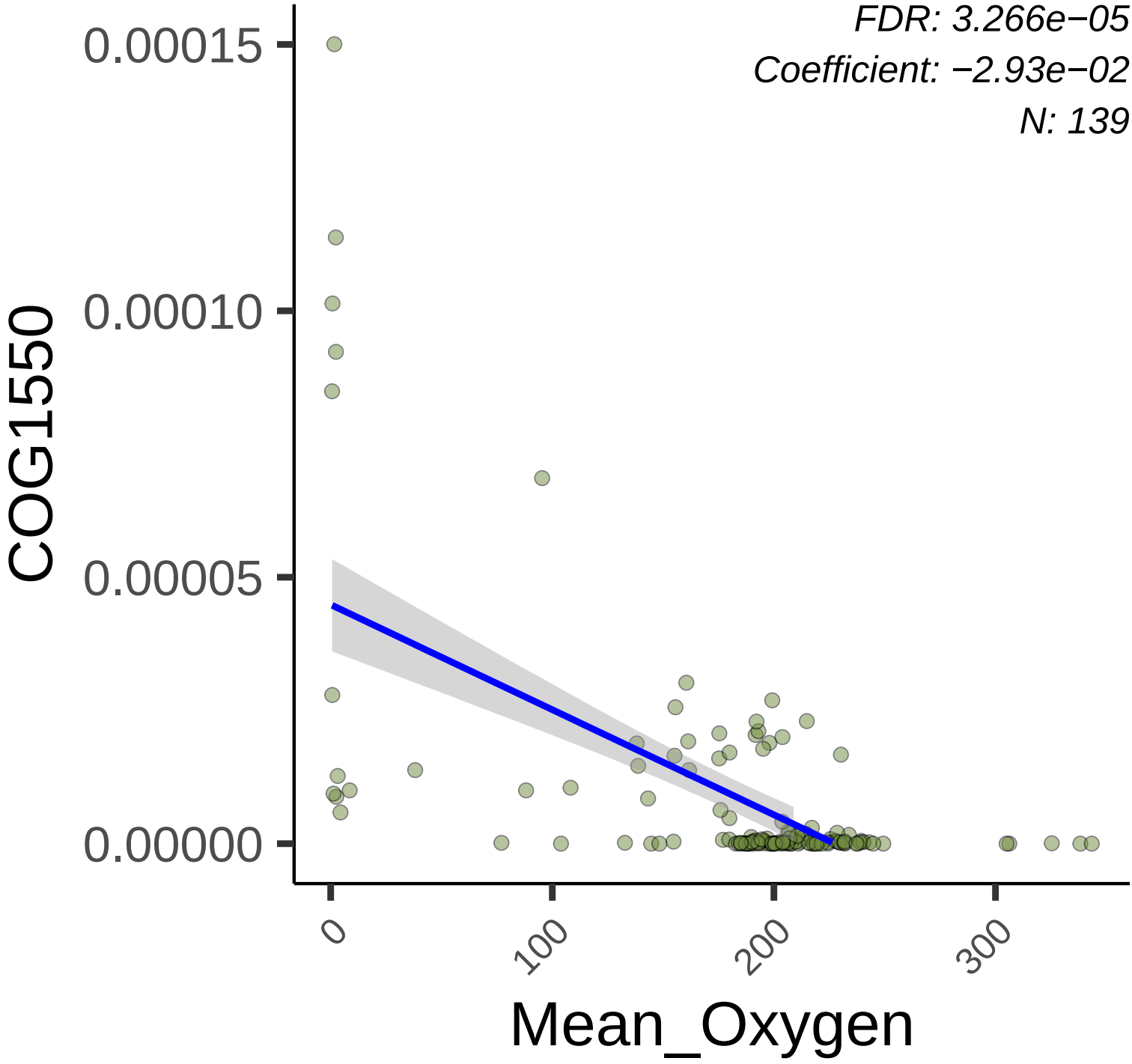
300
Mean_Oxygen


FDR: 3.266e−05
Coefficient: −2.93e−02
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COG1550
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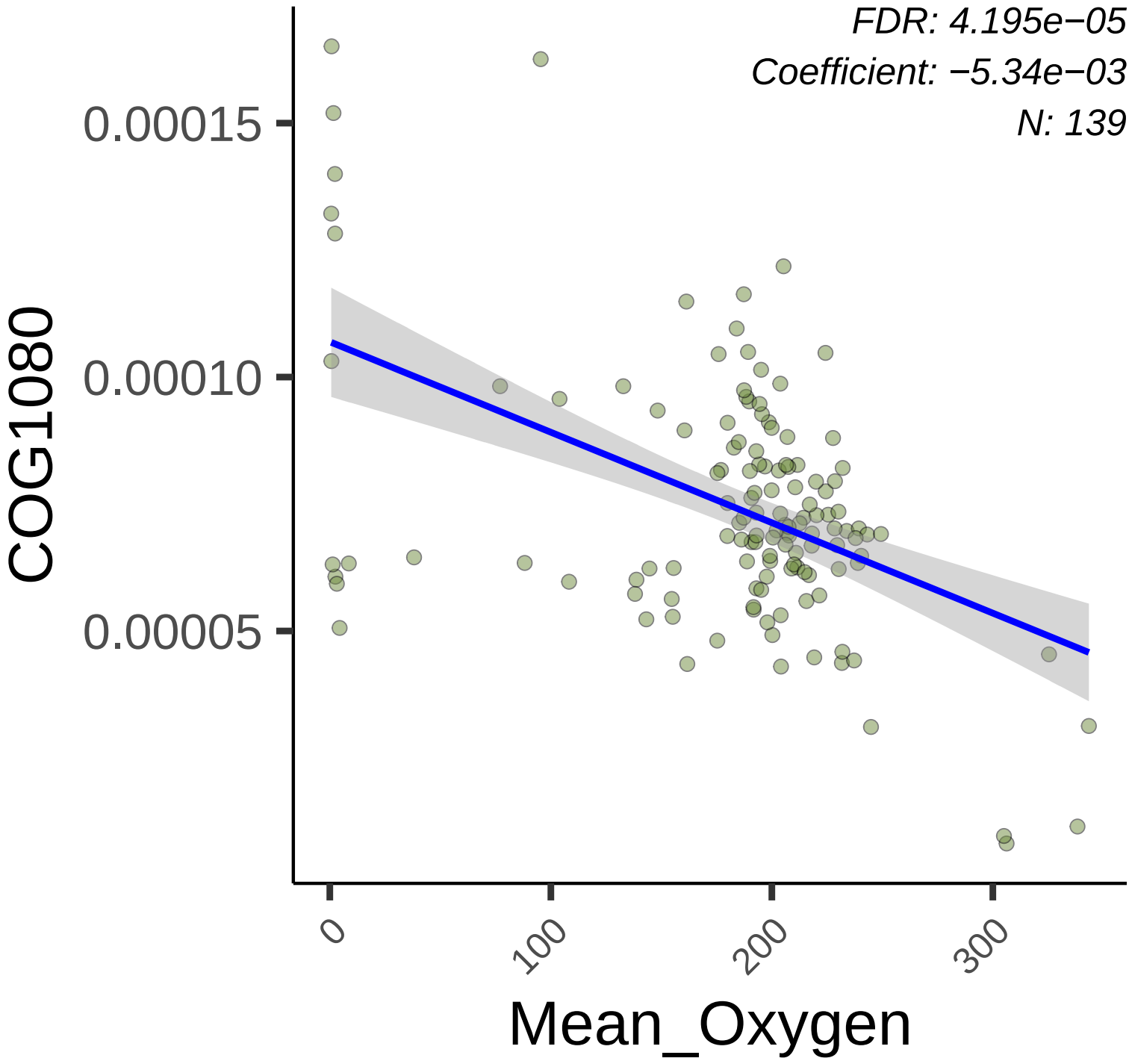
Mean_Oxygen


FDR: 4.195e−05
Coefficient: −5.34e−03
N: 139
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COG1080
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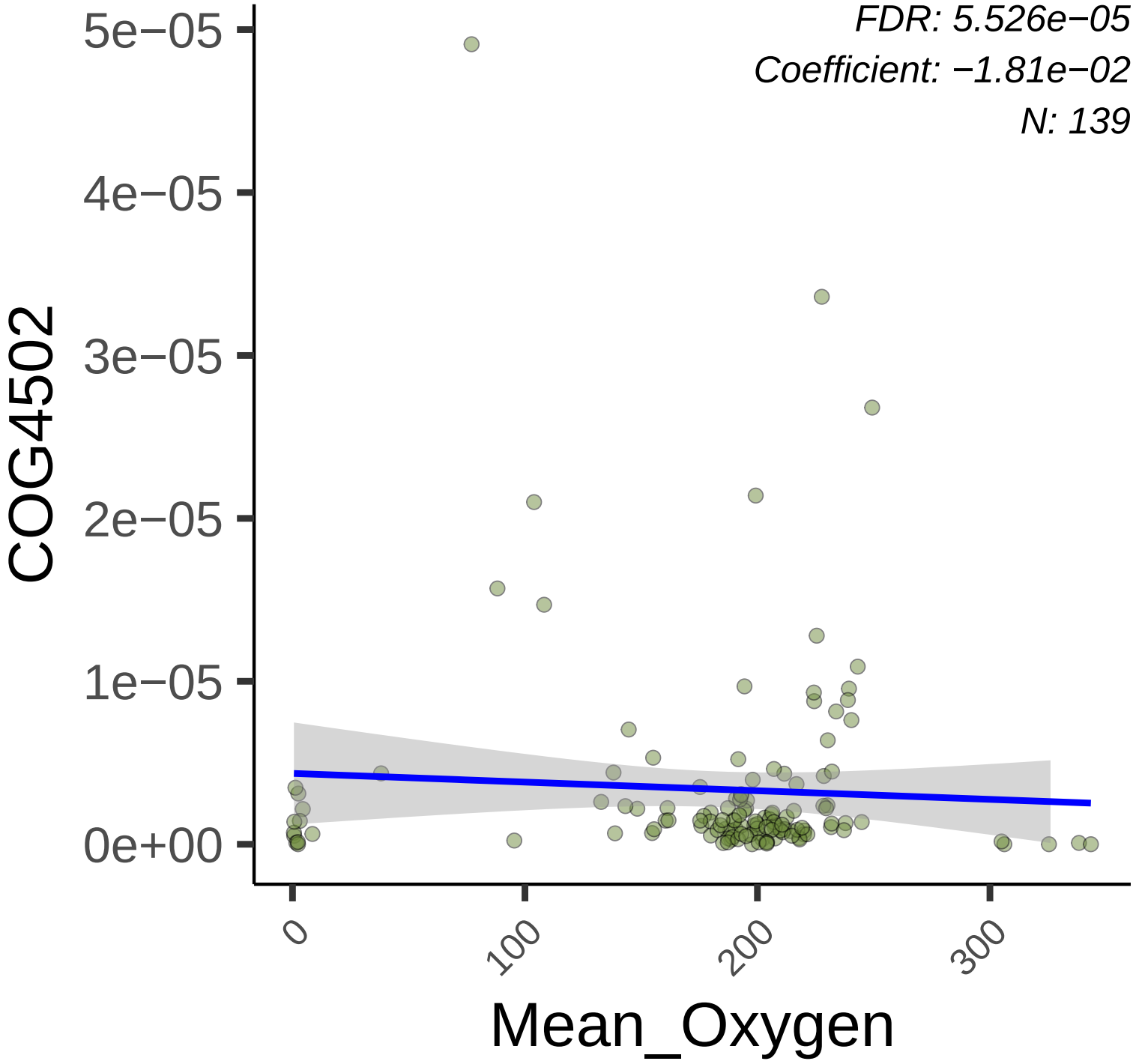
Mean_Oxygen


FDR: 5.526e−05
Coefficient: −1.81e−02
N: 139
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1e−05
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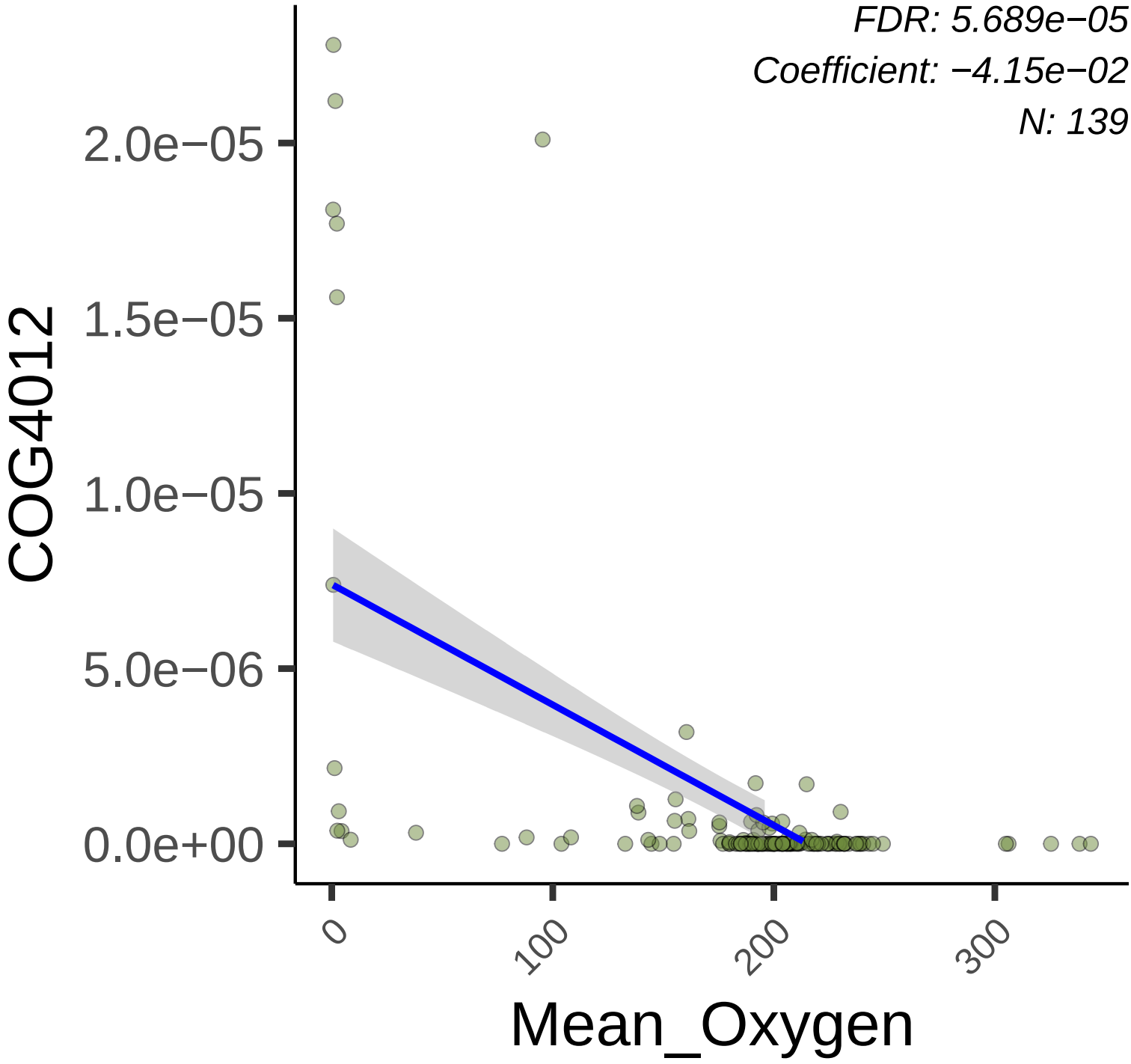
200
300
Mean_Oxygen


FDR: 5.689e−05
Coefficient: −4.15e−02
N: 139
COG4012
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1.5e−05
1.0e−05
5.0e−06
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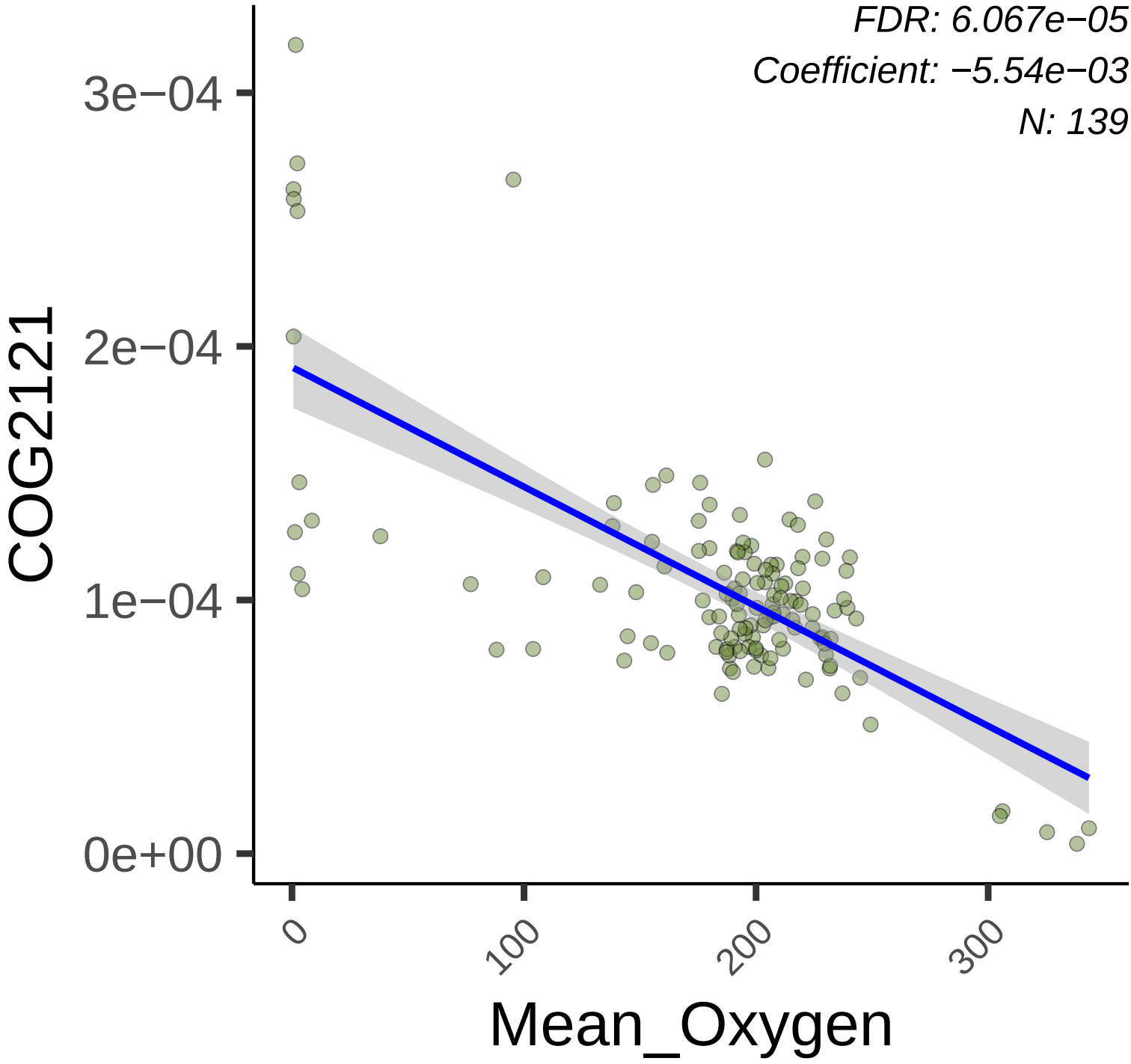
300
Mean_Oxygen


FDR: 6.067e−05
Coefficient: −5.54e−03
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200
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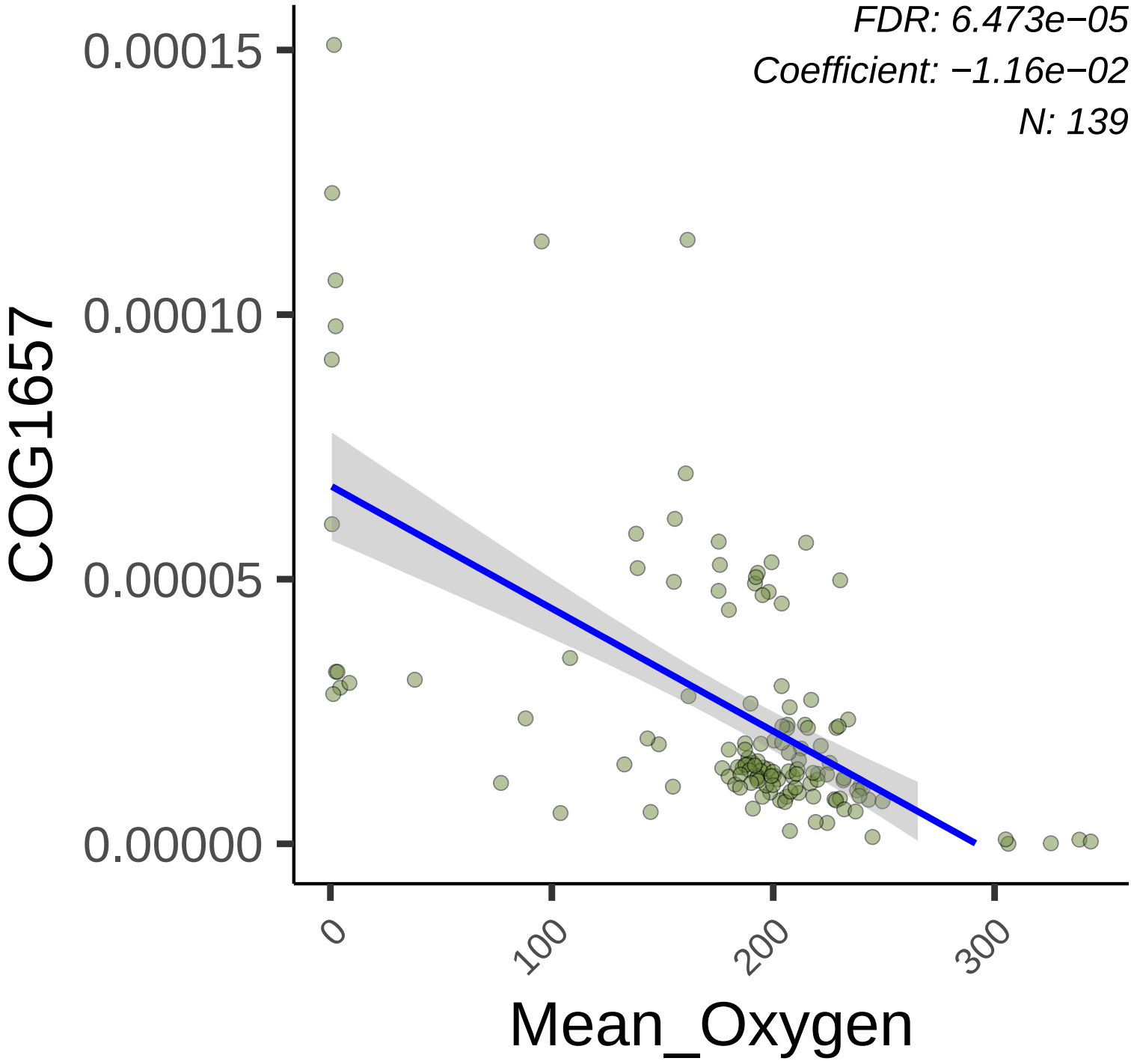
Mean_Oxygen


FDR: 6.473e−05
Coefficient: −1.16e−02
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200
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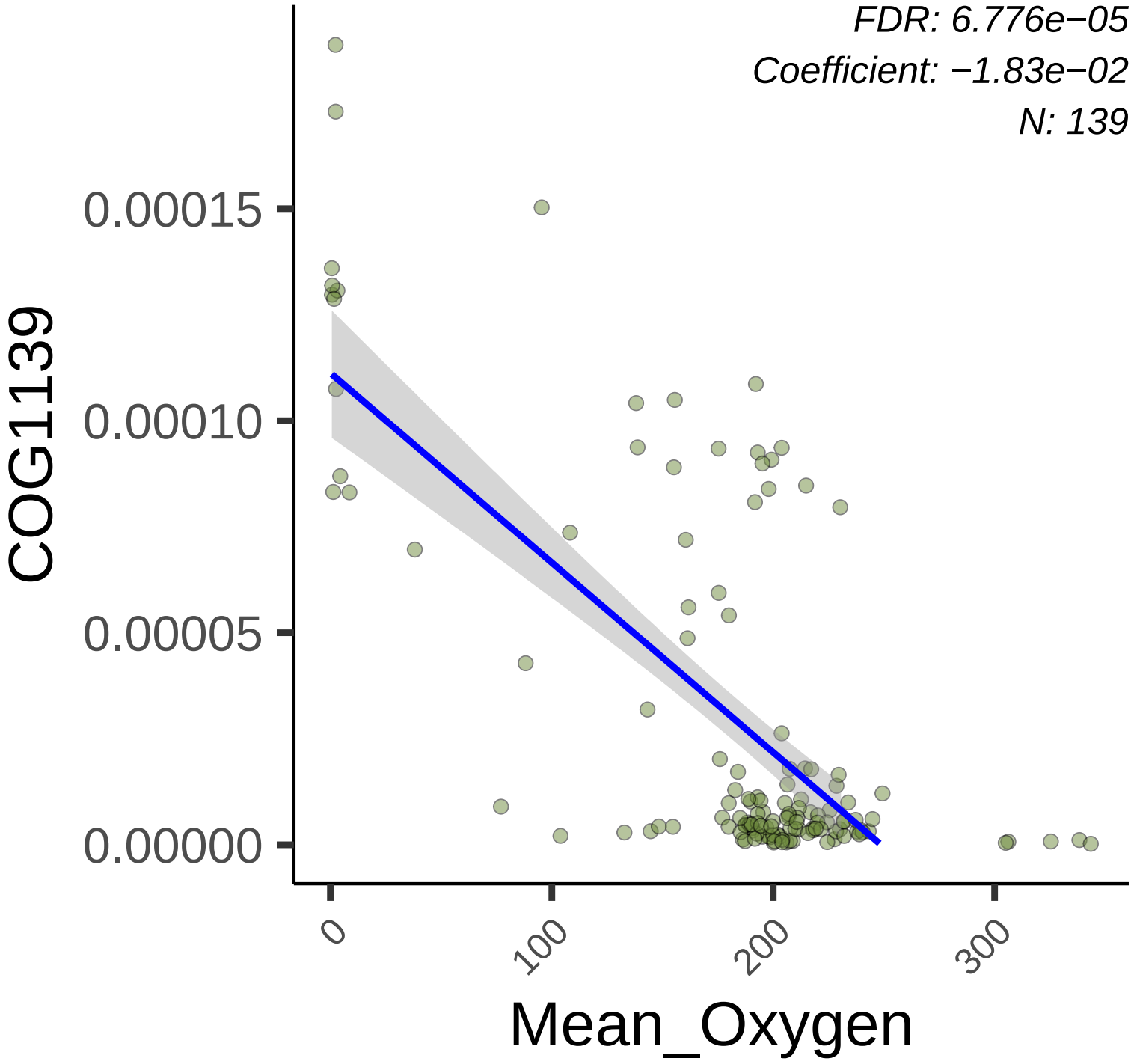
Mean_Oxygen


FDR: 6.776e−05
Coefficient: −1.83e−02
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0.00000
0
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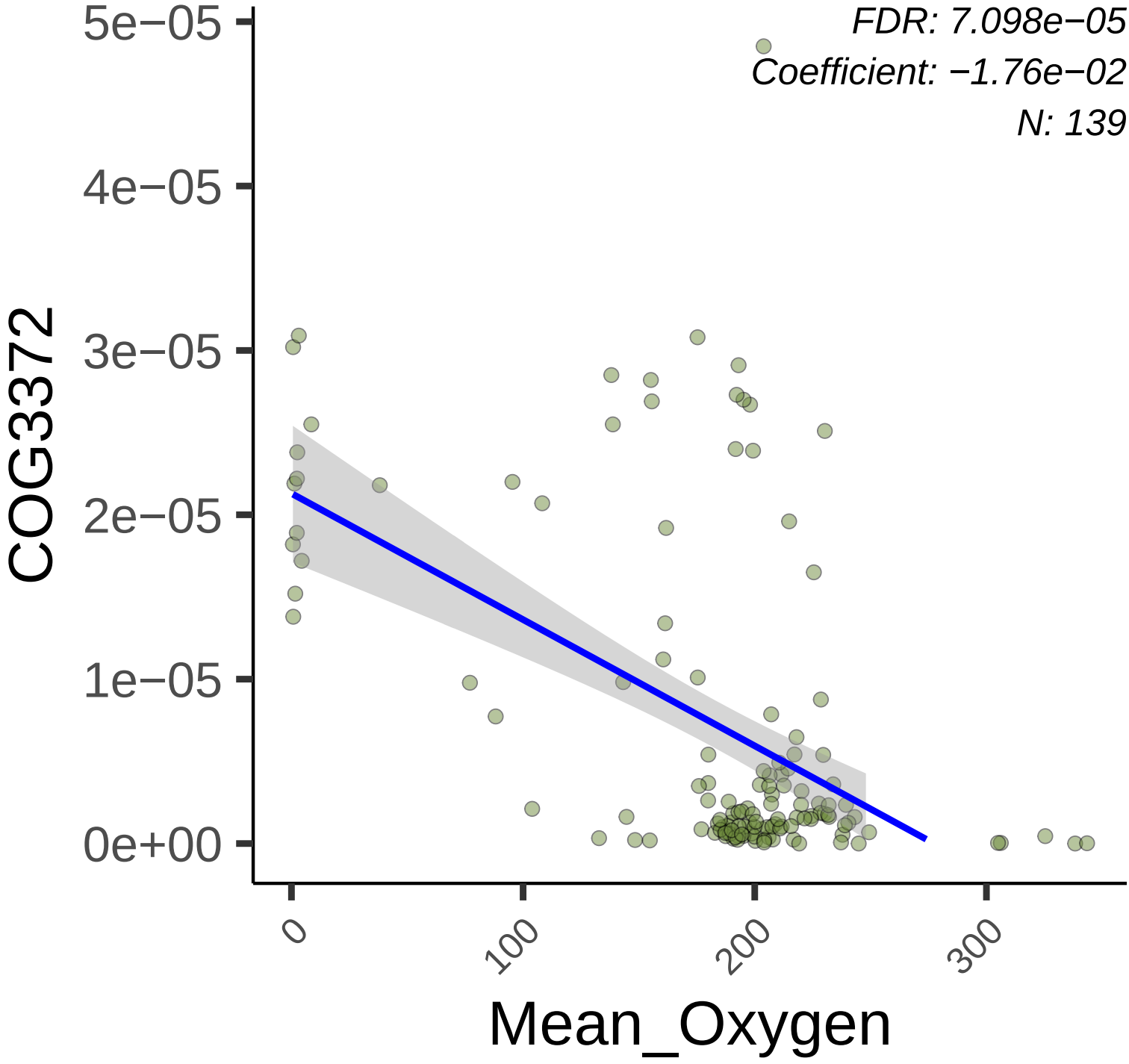
200
300
Mean_Oxygen


FDR: 7.098e−05
Coefficient: −1.76e−02
N: 139
COG3372
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4e−05
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2e−05
1e−05
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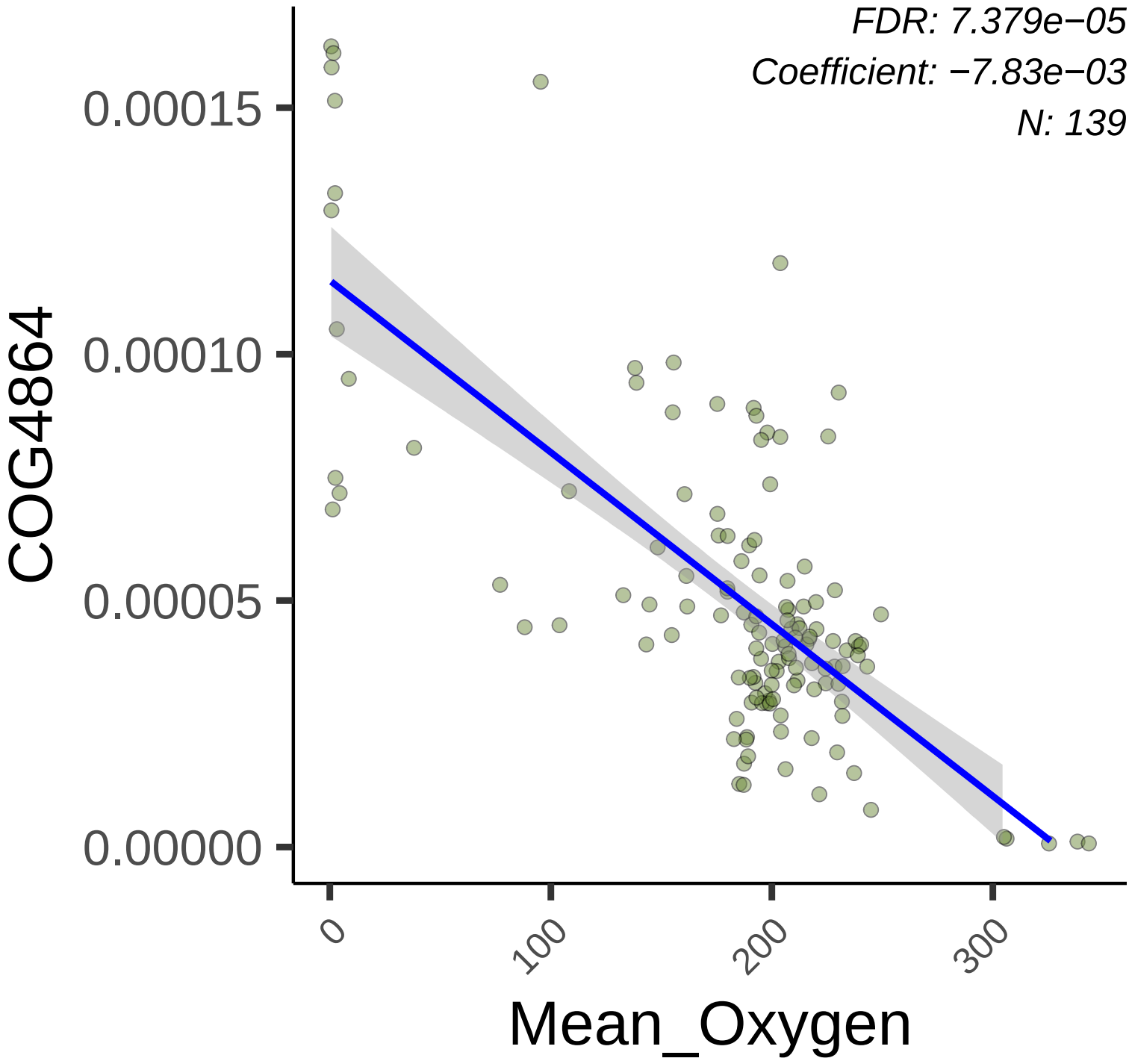
200
300
Mean_Oxygen


FDR: 7.379e−05
Coefficient: −7.83e−03
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COG4864
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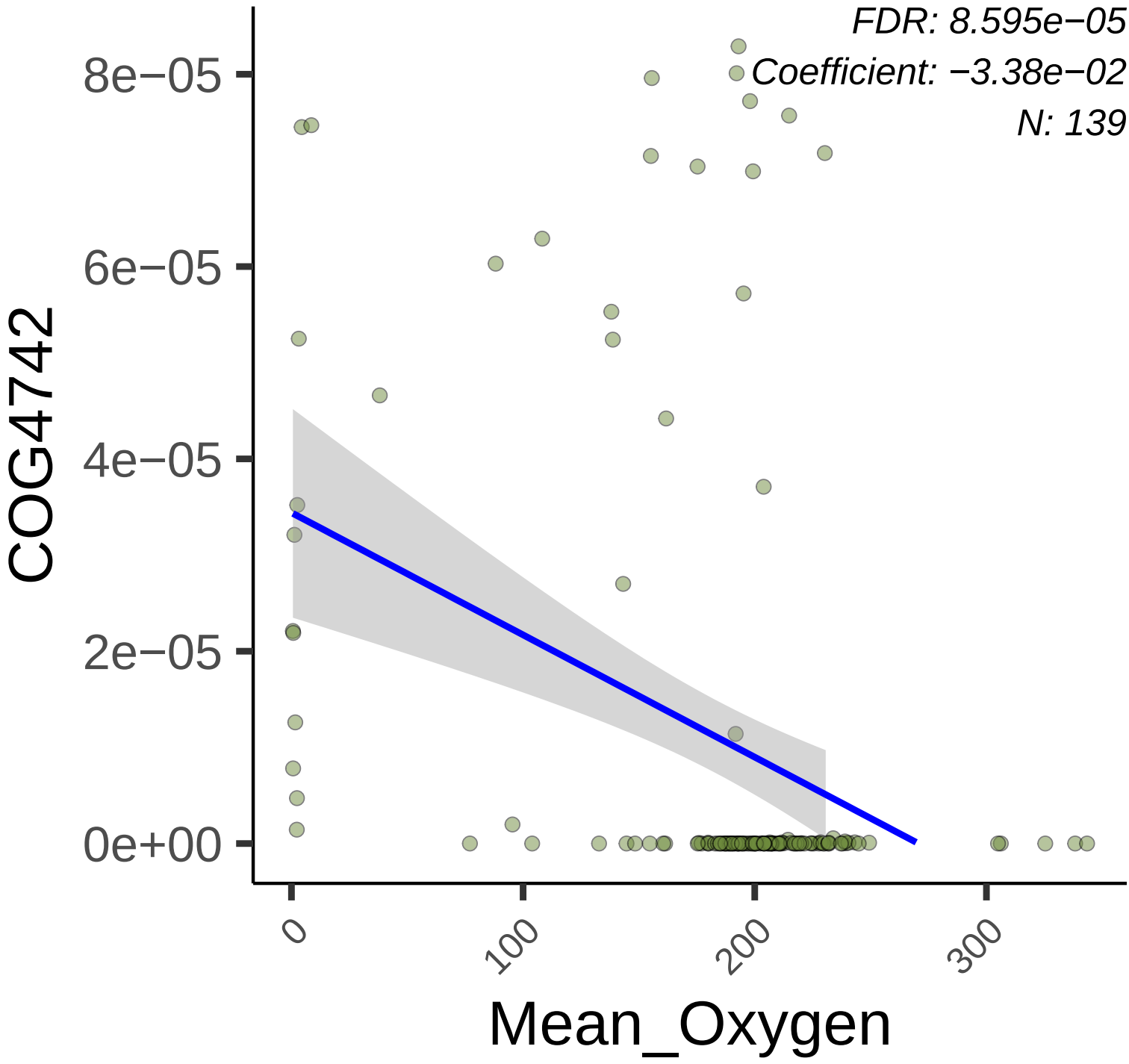
200
300
Mean_Oxygen


FDR: 8.595e−05
Coefficient: −3.38e−02
N: 139
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COG4742
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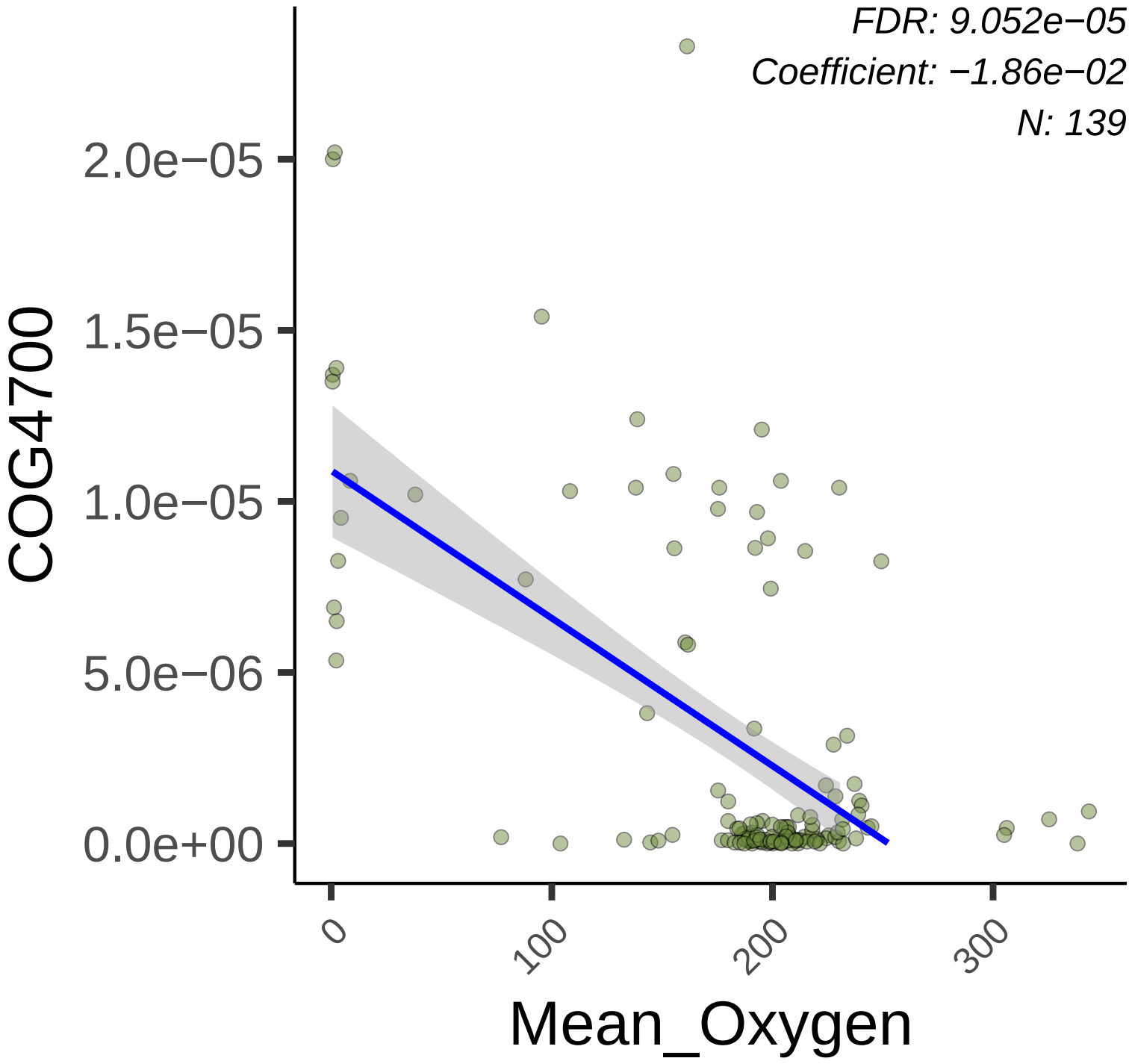
100
200
300
Mean_Oxygen


FDR: 9.052e−05
Coefficient: −1.86e−02
N: 139
COG4700
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1.5e−05
1.0e−05
5.0e−06
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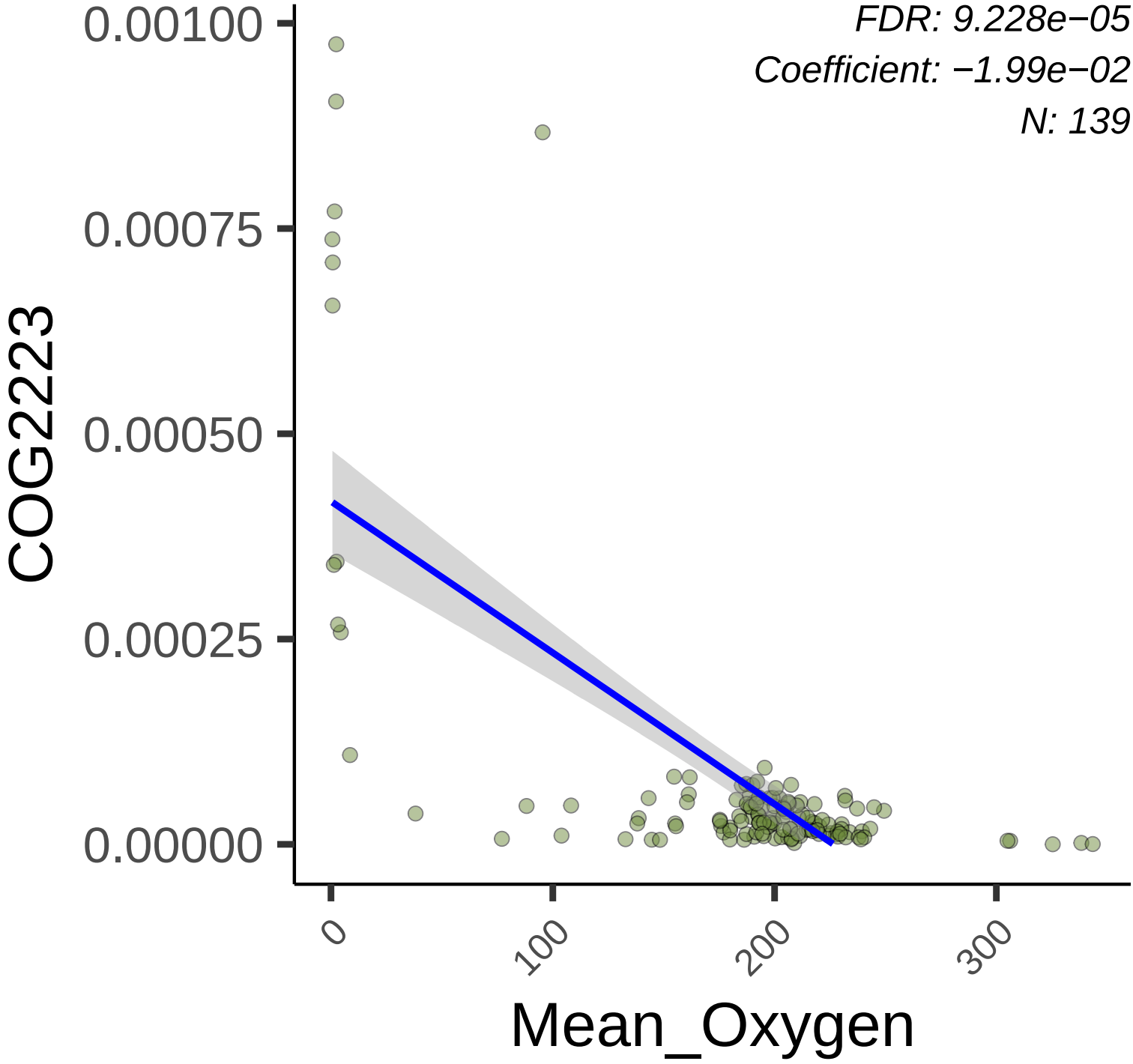
200
300
Mean_Oxygen


FDR: 9.228e−05
Coefficient: −1.99e−02
N: 139
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0.00050
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COG2223
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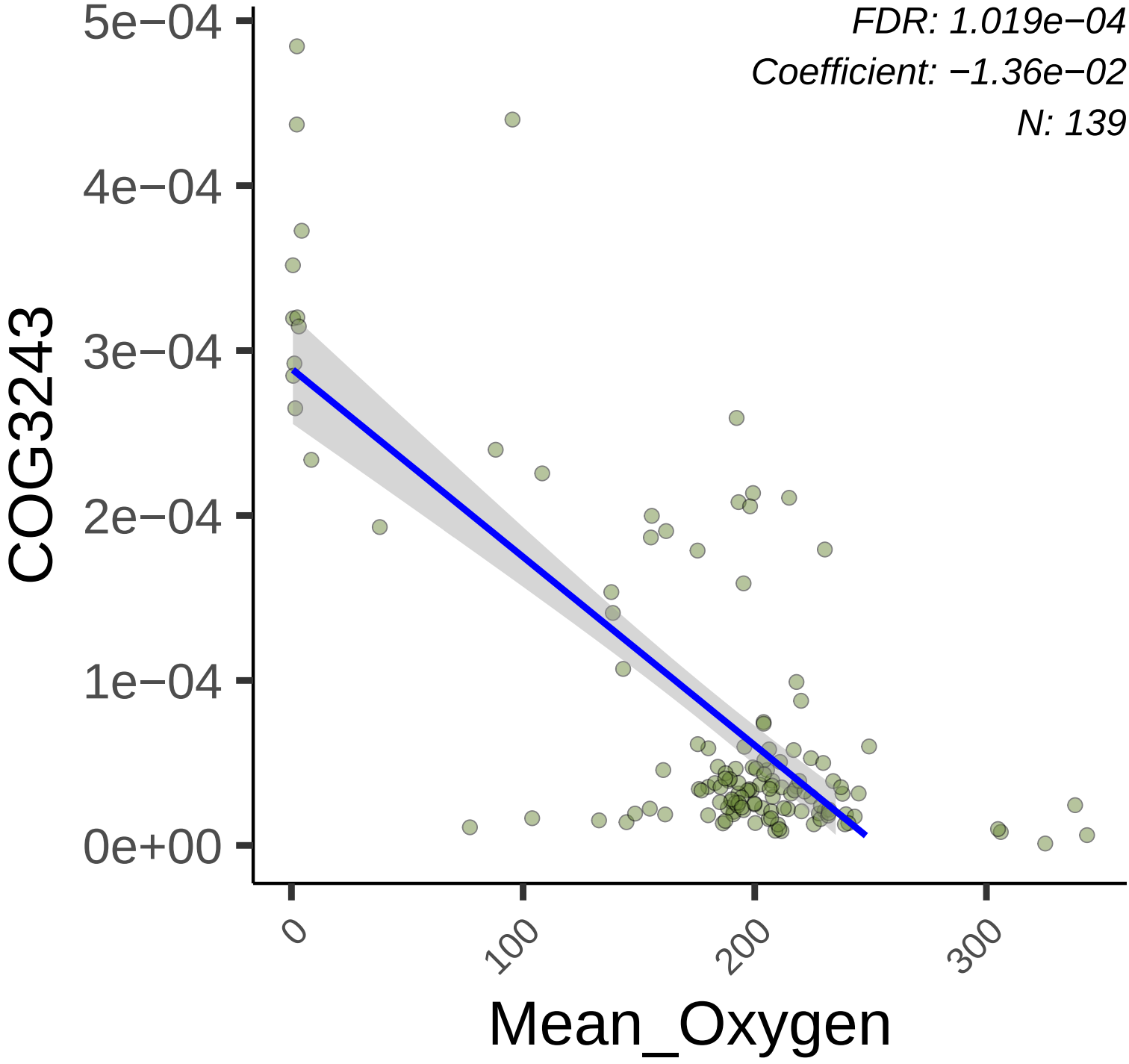
200
300
Mean_Oxygen


FDR: 1.019e−04
Coefficient: −1.36e−02
N: 139
COG3243
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2e−04
1e−04
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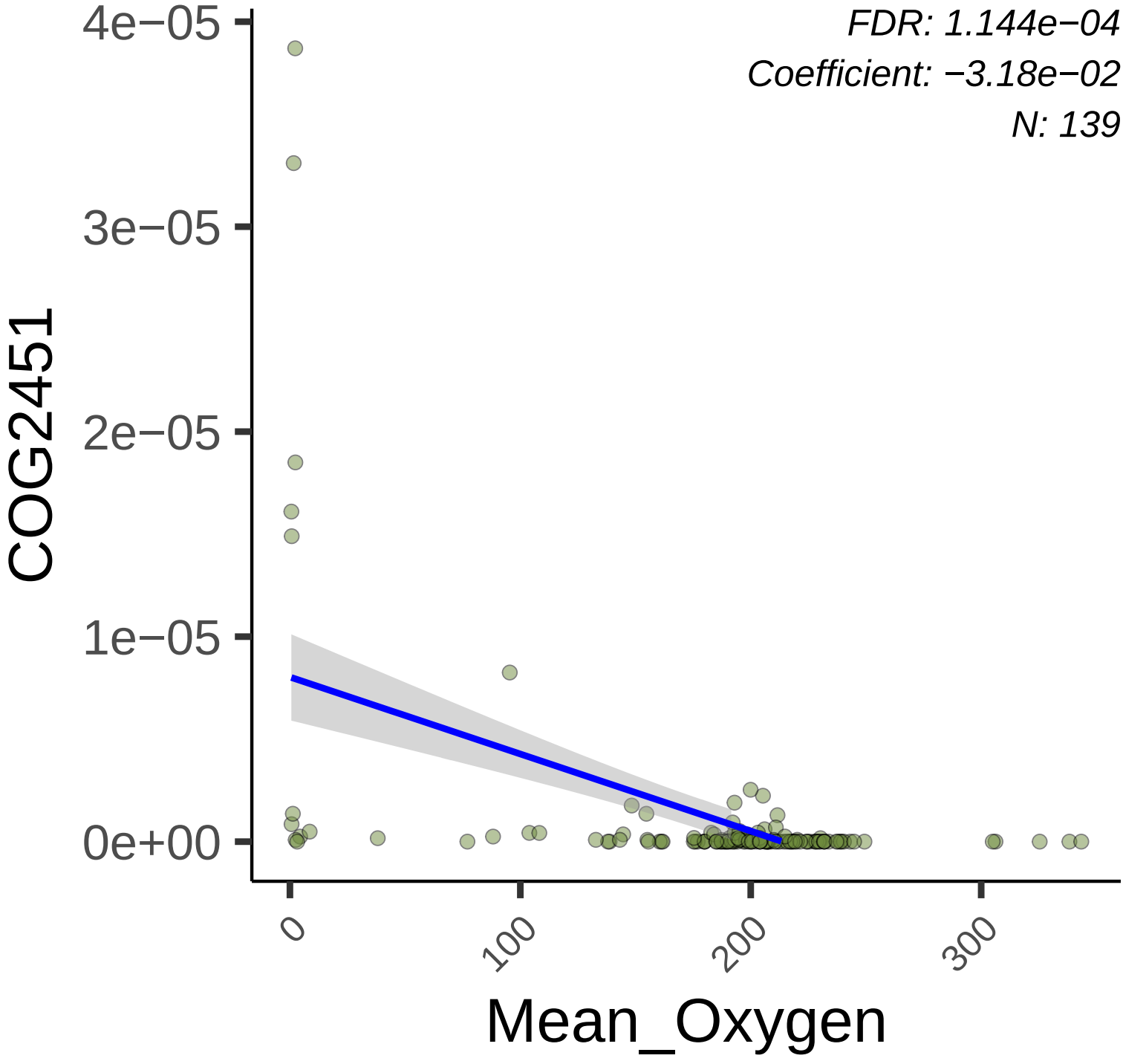
200
300
Mean_Oxygen


FDR: 1.144e−04
Coefficient: −3.18e−02
N: 139
COG2451
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3e−05
2e−05
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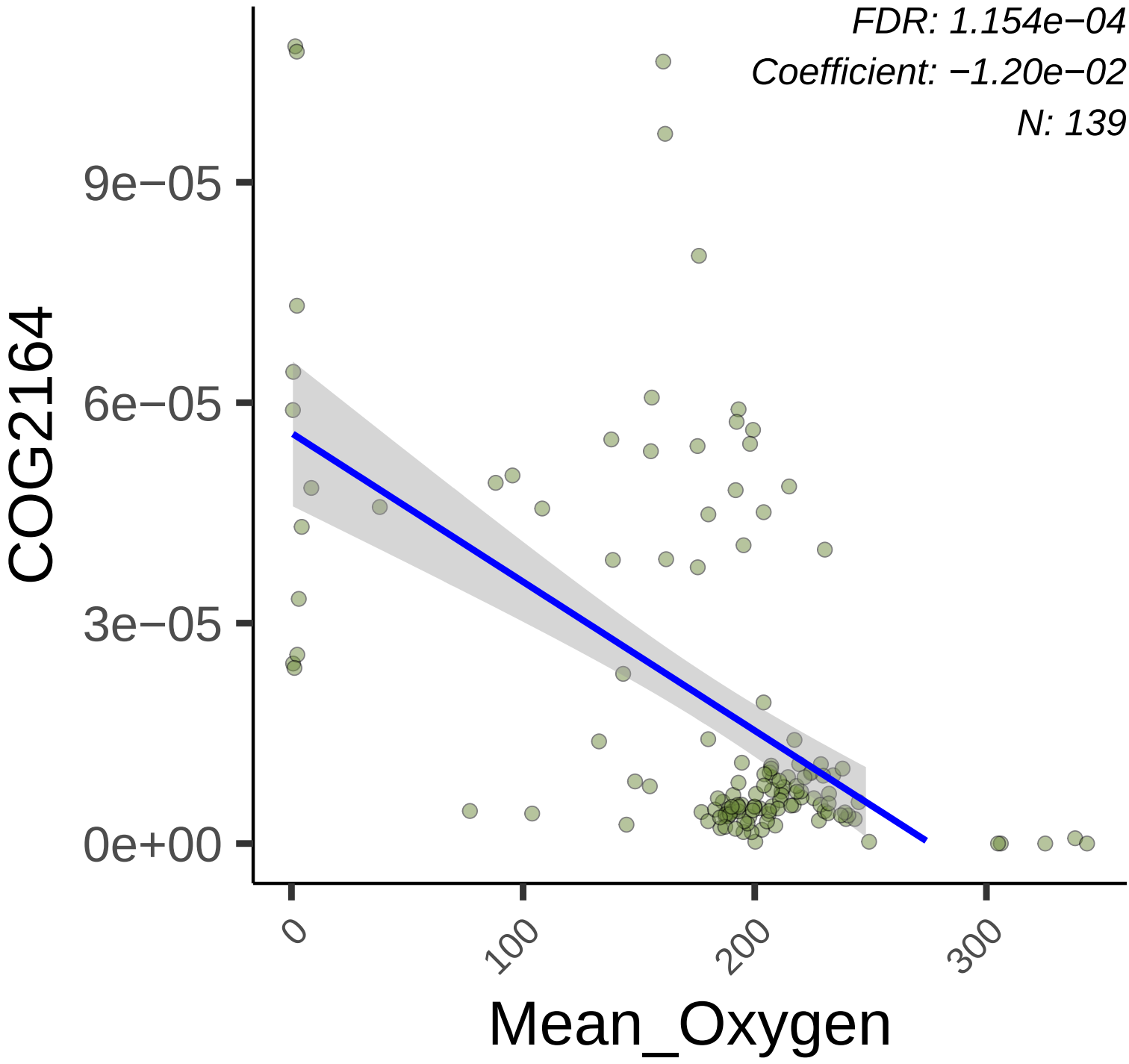
200
300
Mean_Oxygen


FDR: 1.154e−04
Coefficient: −1.20e−02
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COG2164
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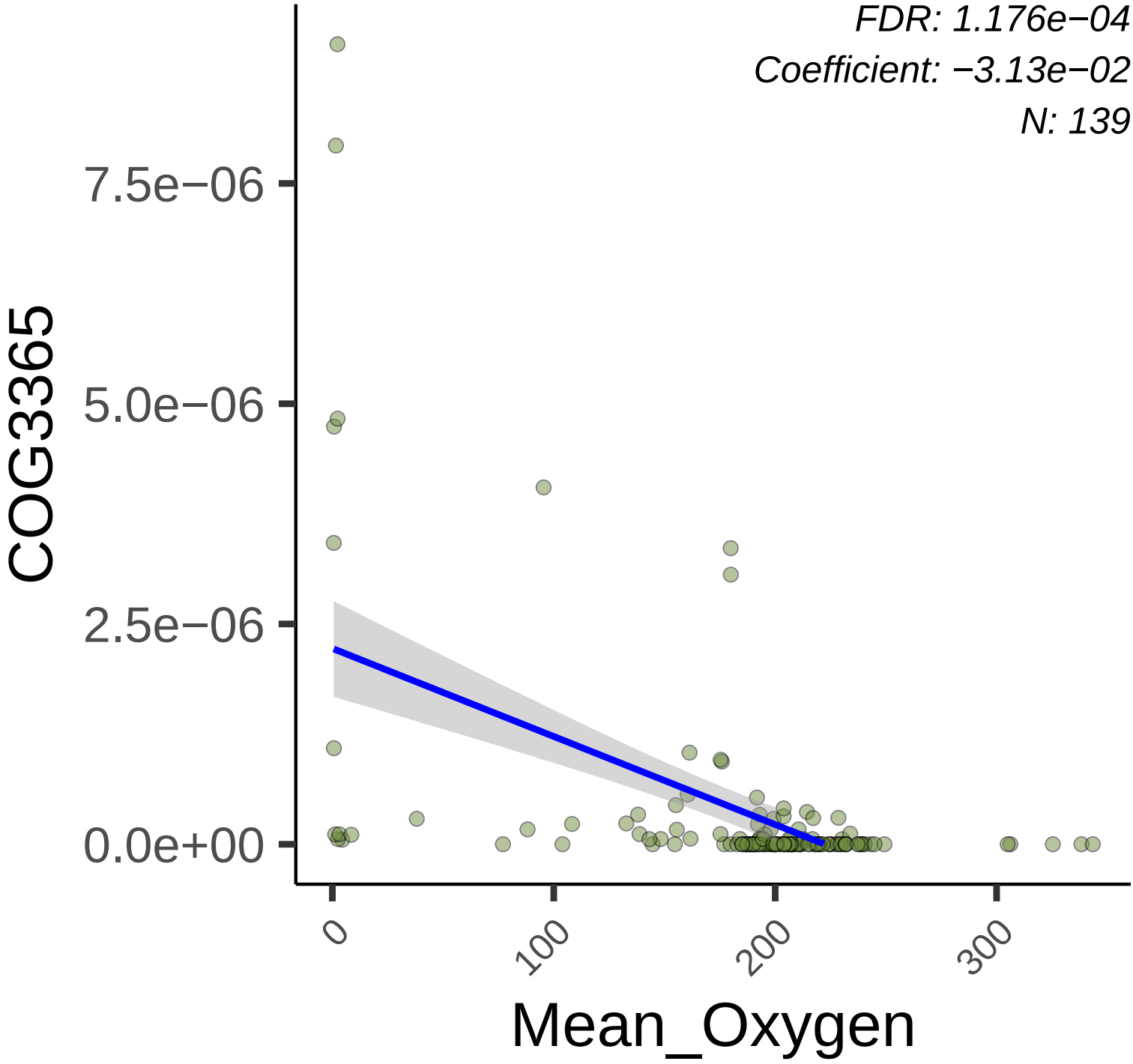
300
Mean_Oxygen


FDR: 1.176e−04
Coefficient: −3.13e−02
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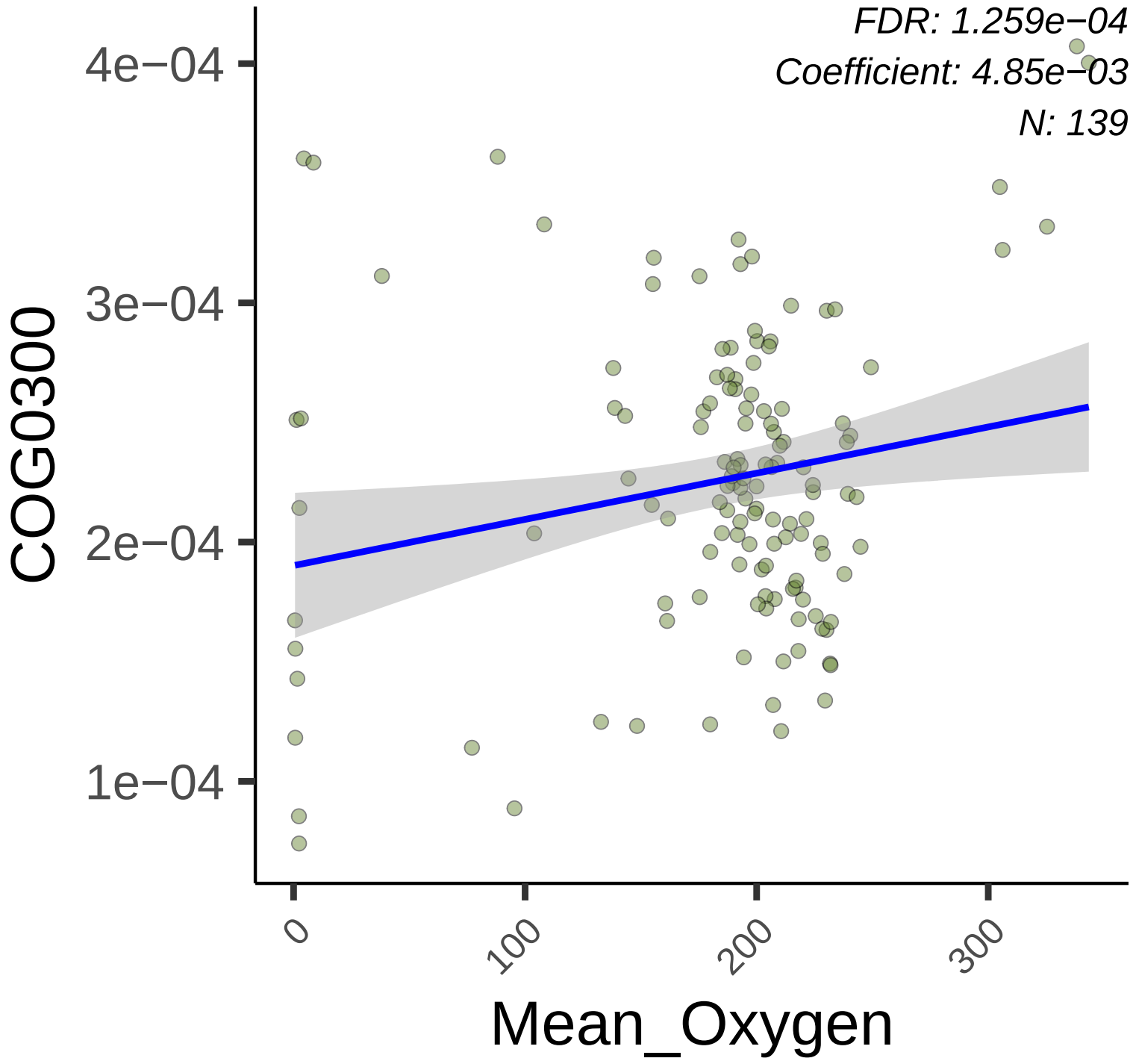
200
300
Mean_Oxygen


FDR: 1.259e−04
Coefficient: 4.85e−03
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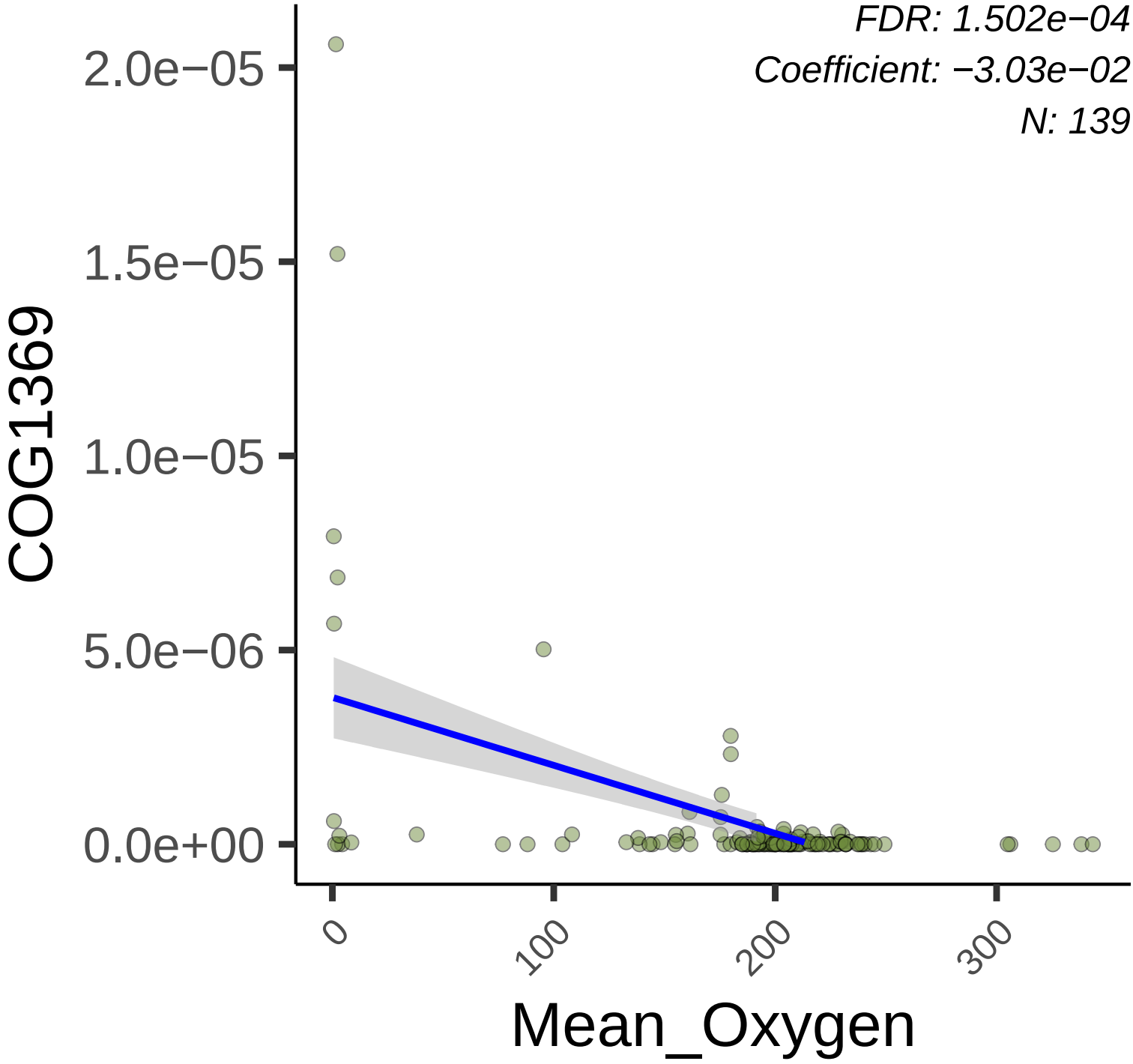
Mean_Oxygen


FDR: 1.502e−04
Coefficient: −3.03e−02
N: 139
COG1369
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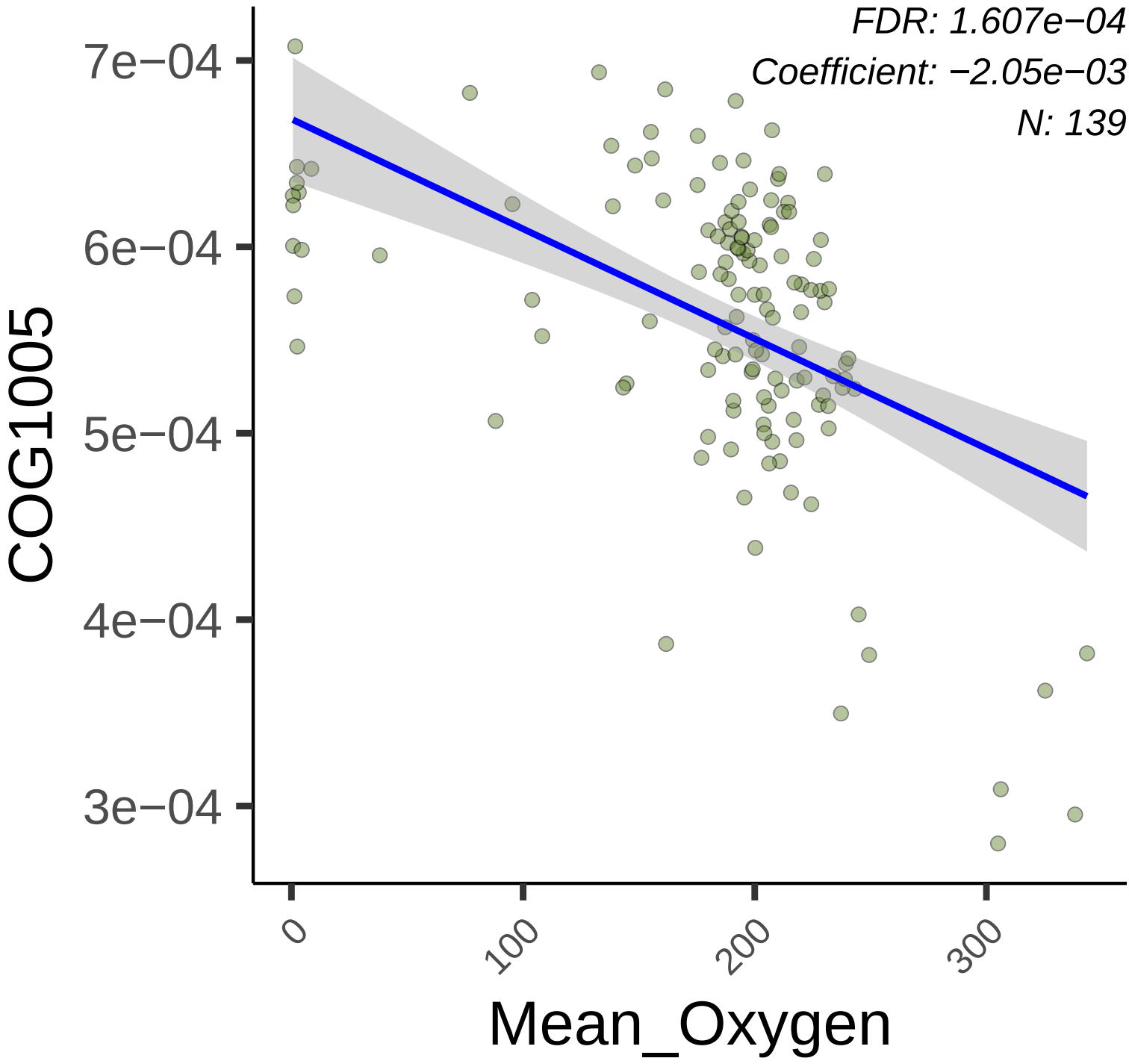
200
300
Mean_Oxygen


FDR: 1.607e−04
Coefficient: −2.05e−03
N: 139
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COG1005
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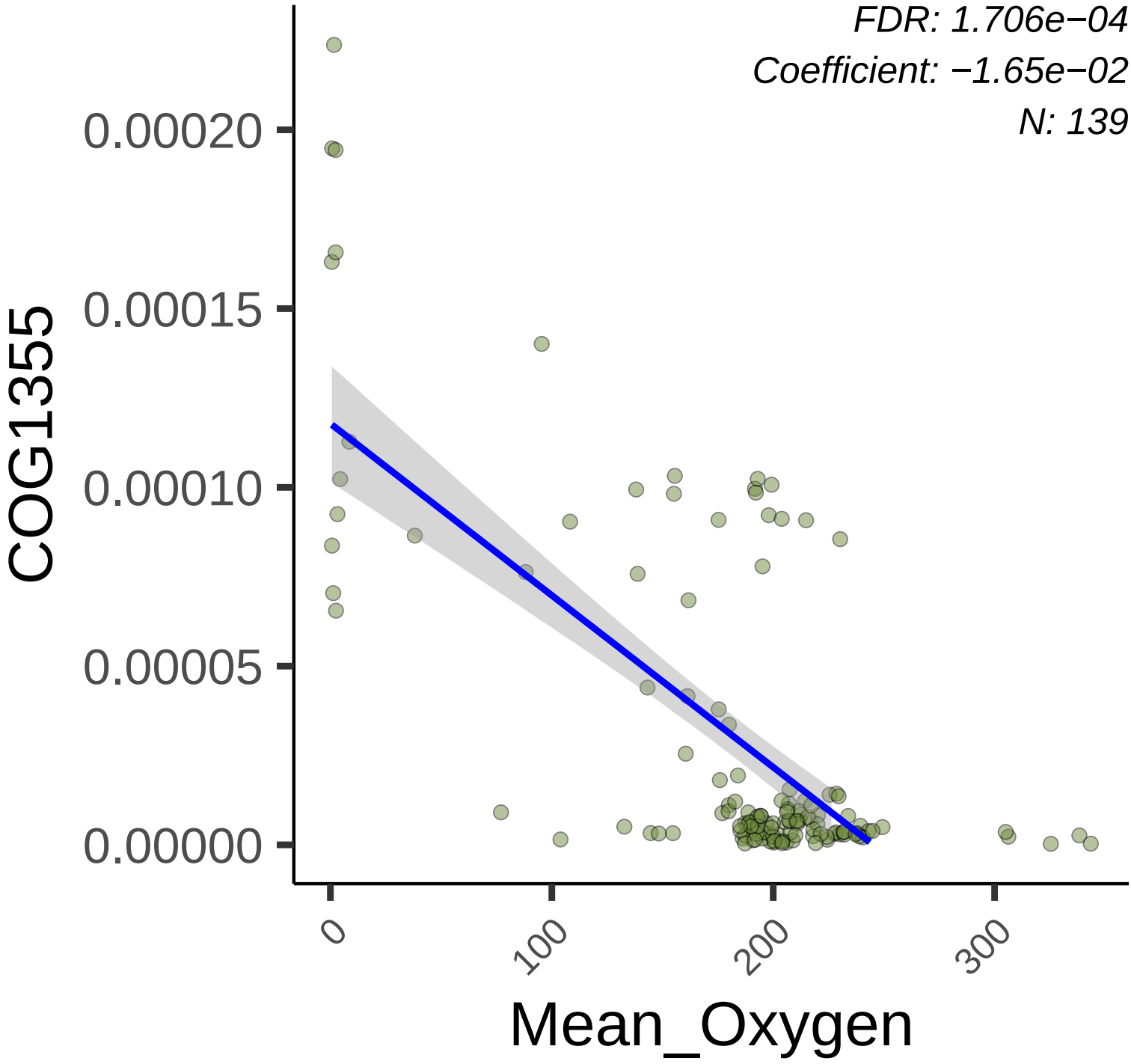
300
Mean_Oxygen


FDR: 1.706e−04
Coefficient: −1.65e−02
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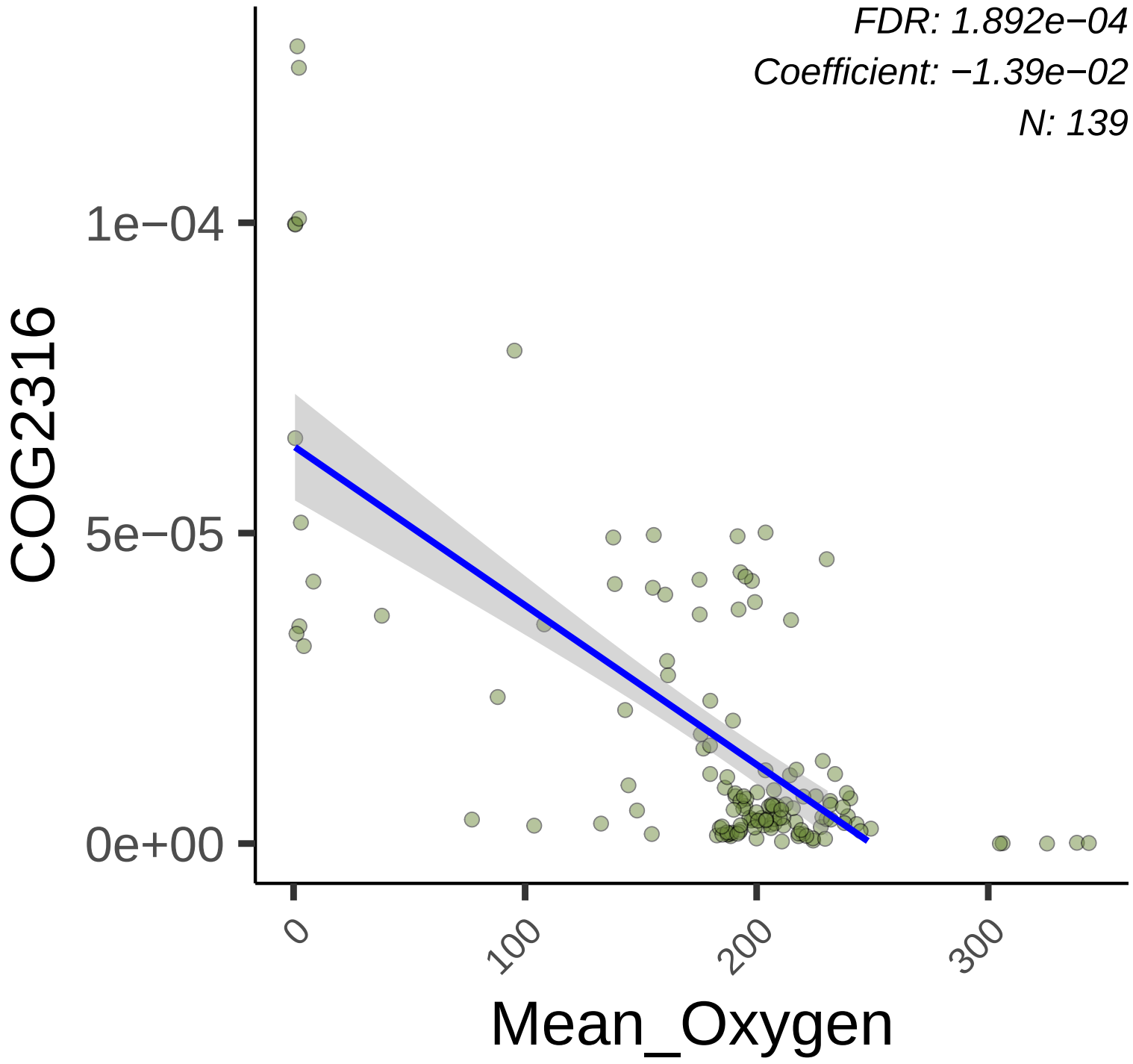
300
Mean_Oxygen


FDR: 1.892e−04
Coefficient: −1.39e−02
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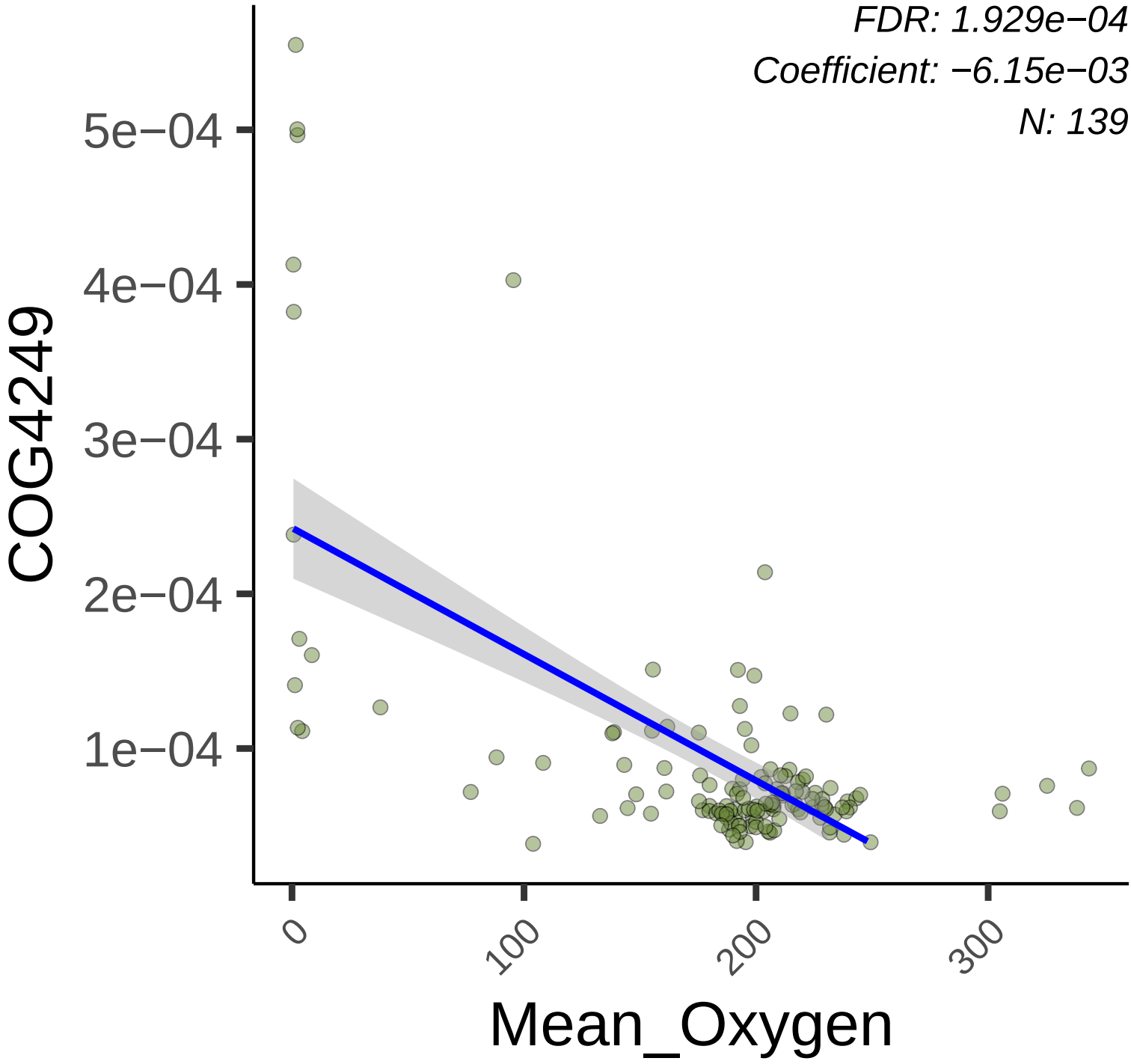
Mean_Oxygen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Coefficient: −6.15e−03
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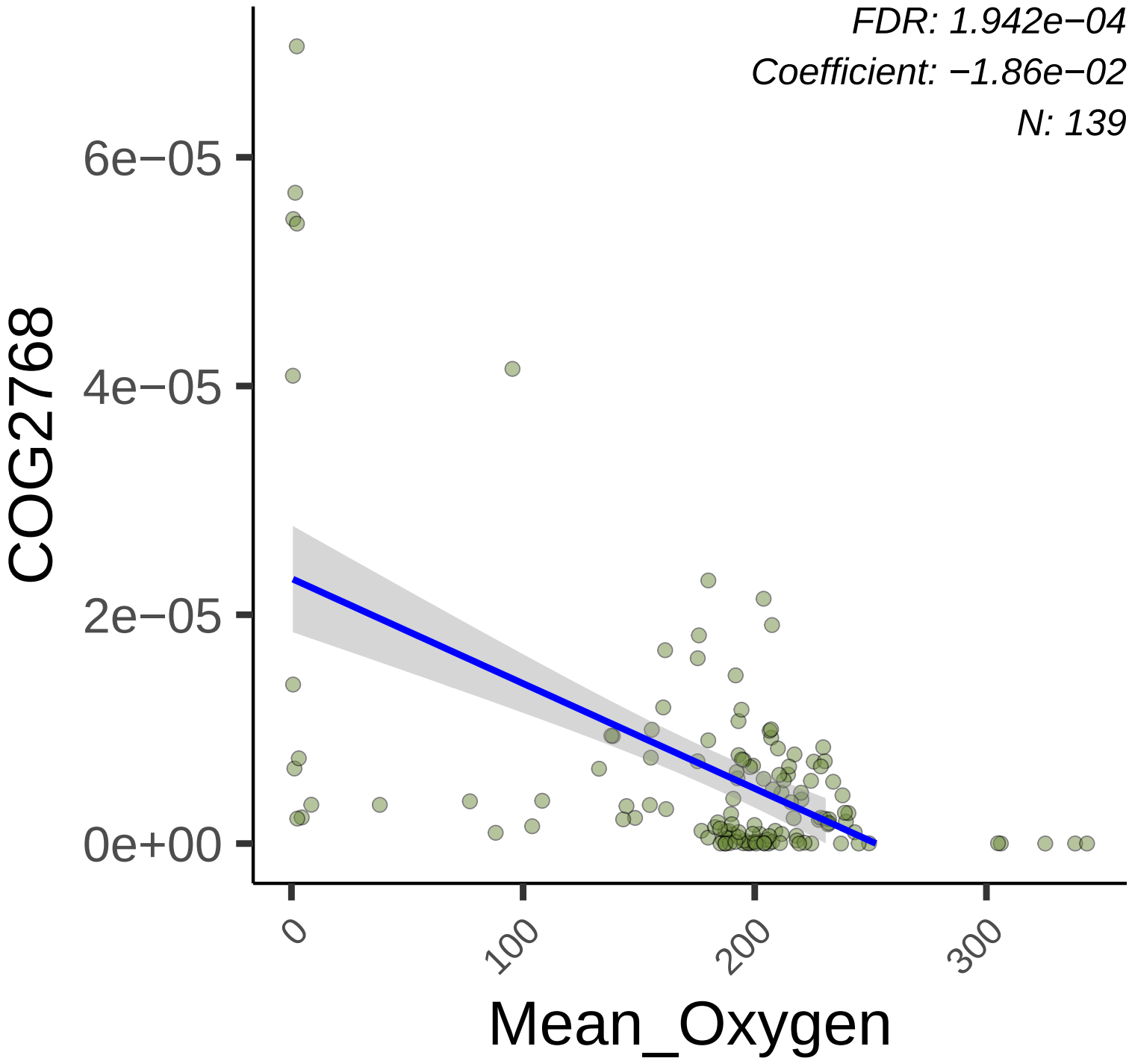
300
Mean_Oxygen


FDR: 1.942e−04
Coefficient: −1.86e−02
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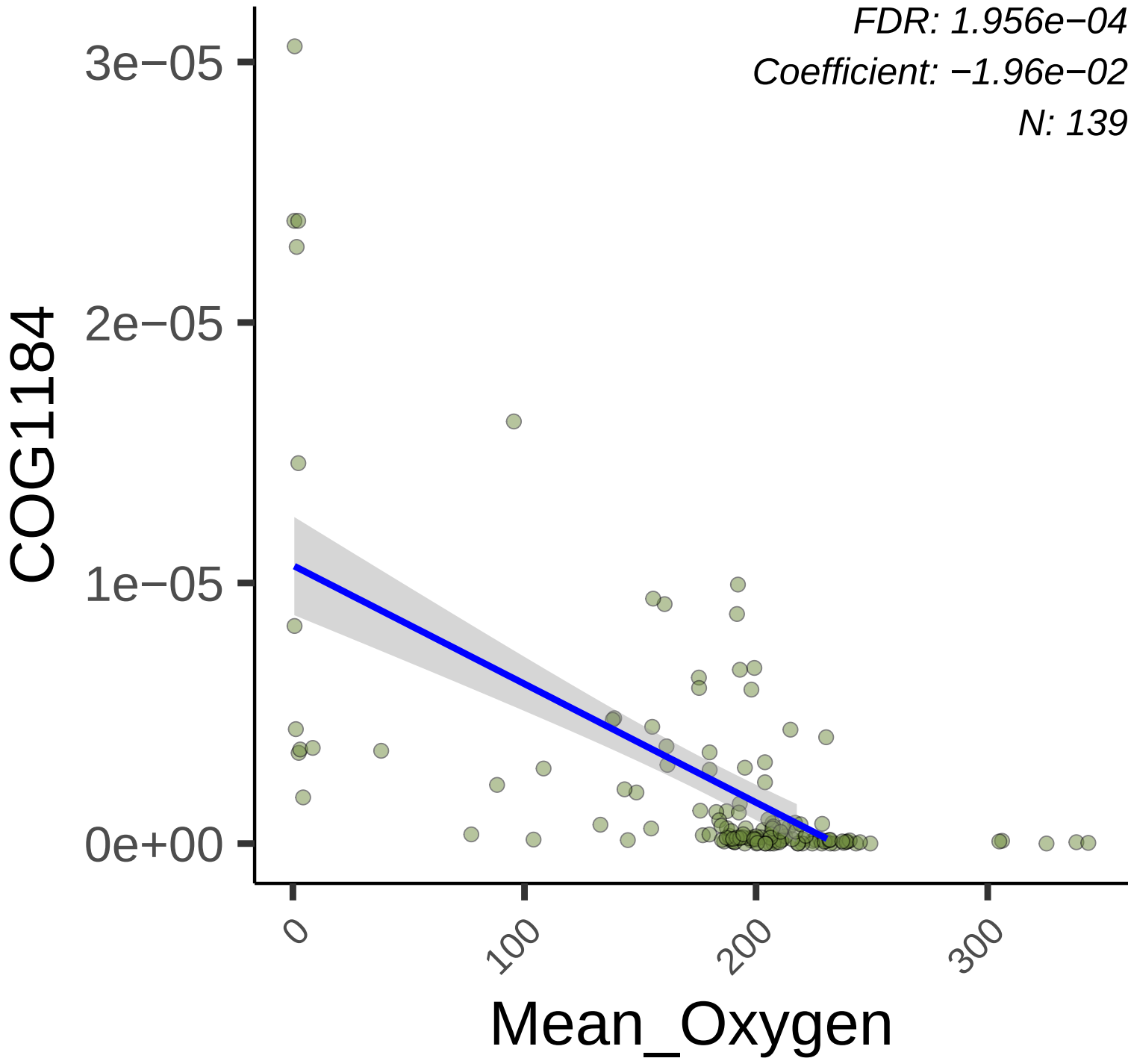
Mean_Oxygen


FDR: 1.956e−04
Coefficient: −1.96e−02
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2e−05
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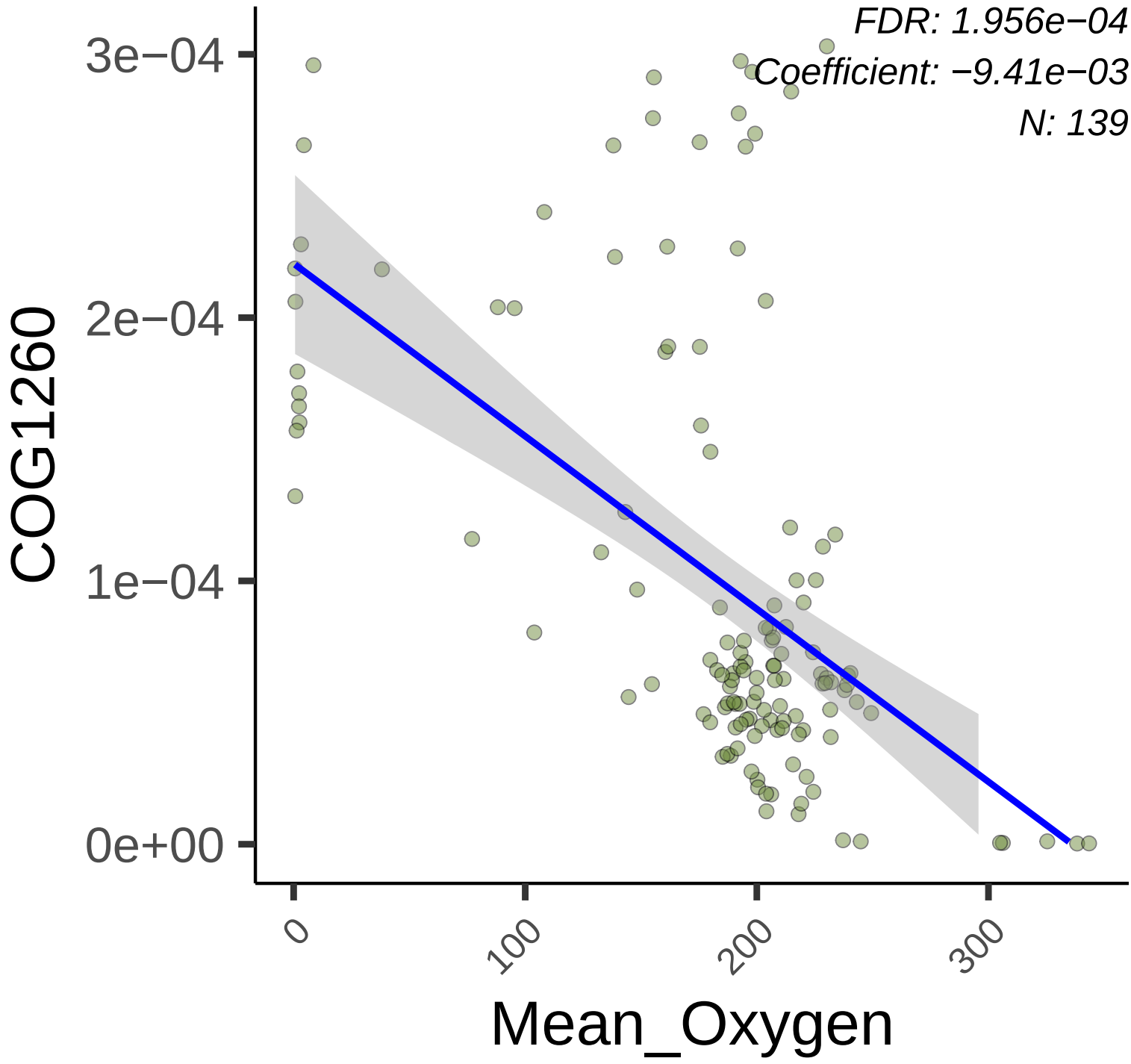
200
300
Mean_Oxygen


FDR: 1.956e−04
Coefficient: −9.41e−03
N: 139
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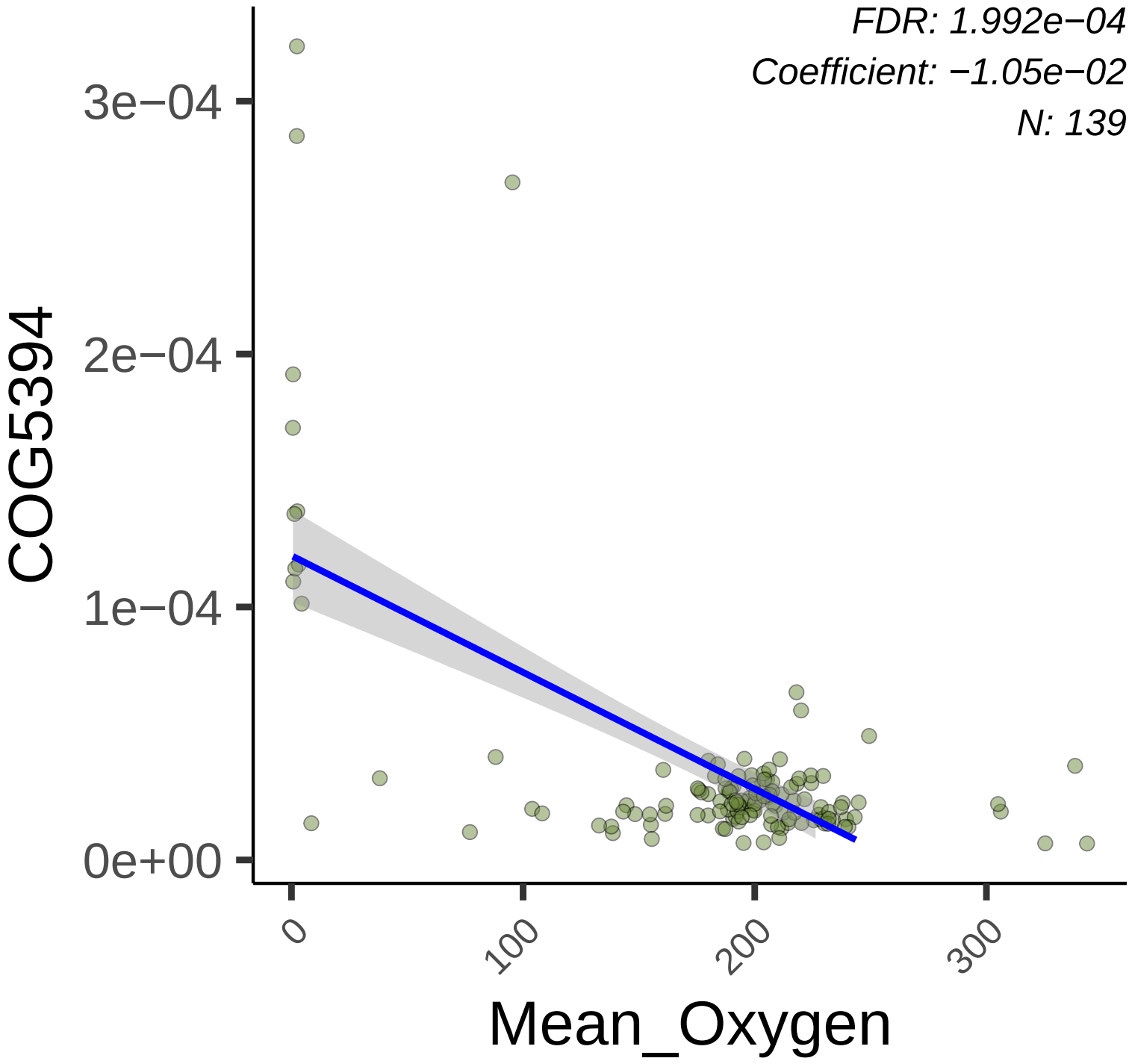
300
Mean_Oxygen


FDR: 1.992e−04
Coefficient: −1.05e−02
N: 139
COG5394
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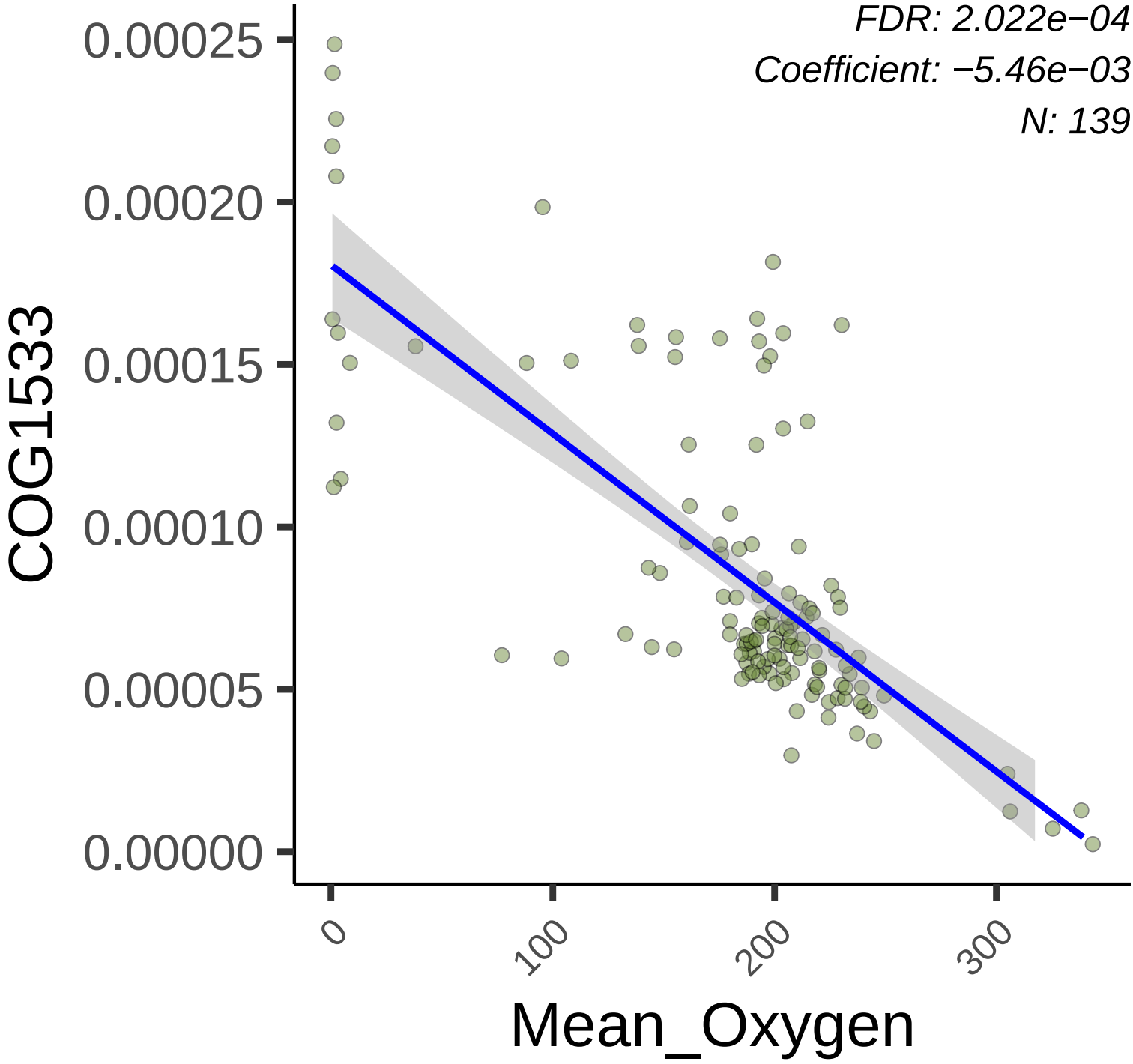
Mean_Oxygen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Coefficient: −5.46e−03
N: 139
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0
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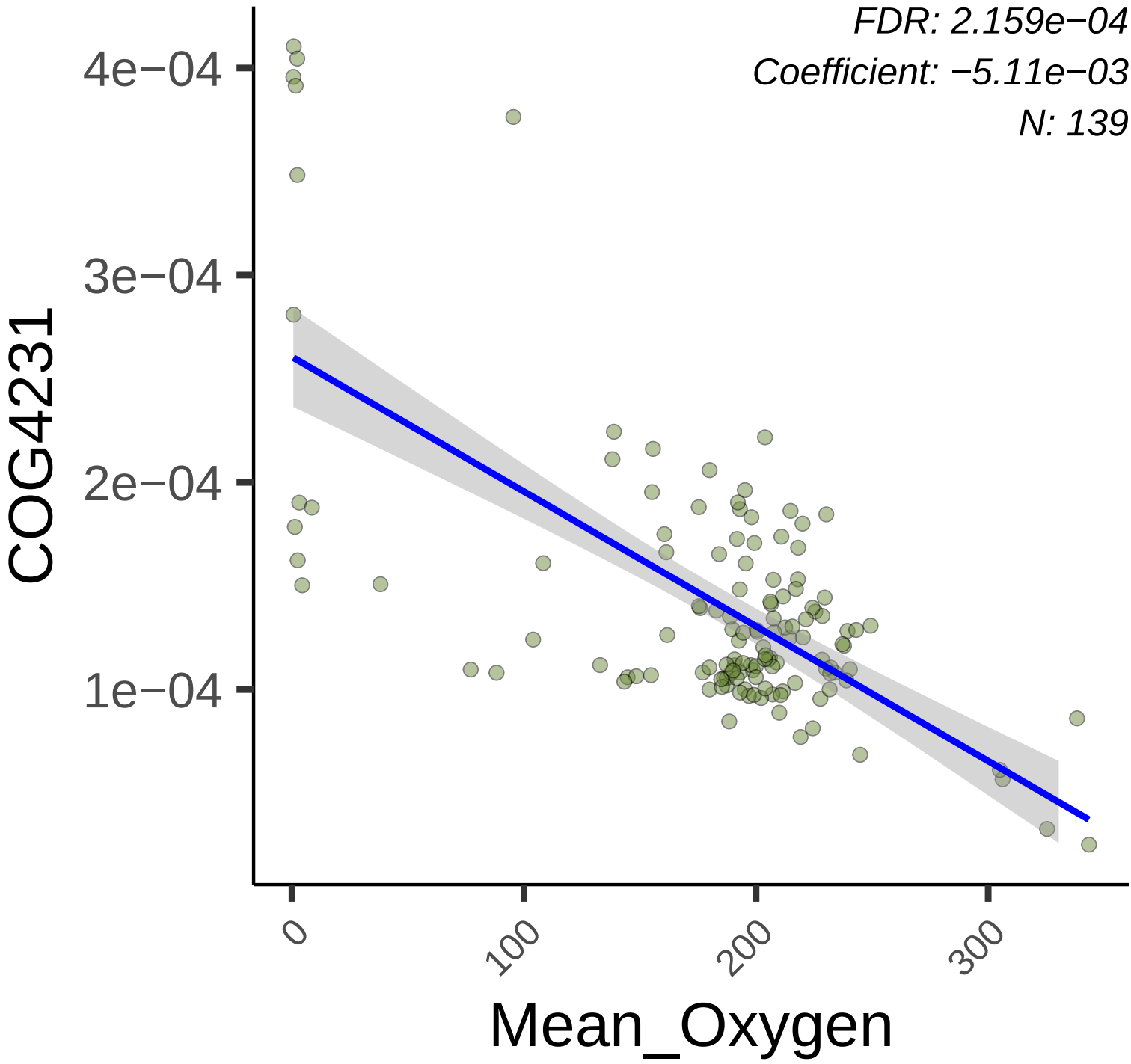
200
300
Mean_Oxygen


FDR: 2.159e−04
Coefficient: −5.11e−03
N: 139
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COG4231
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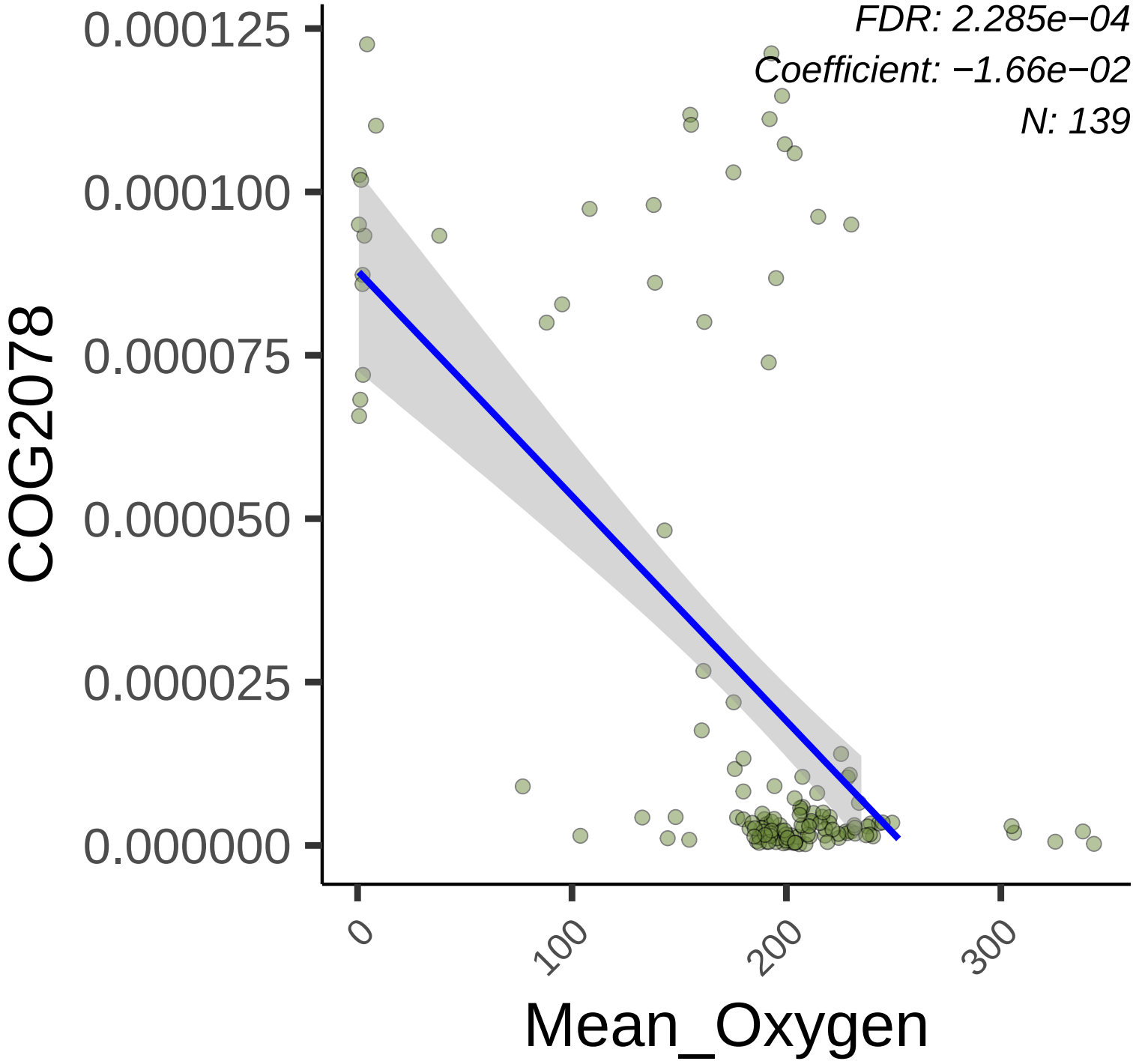
200
300
Mean_Oxygen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Coefficient: −1.66e−02
N: 139
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COG2078
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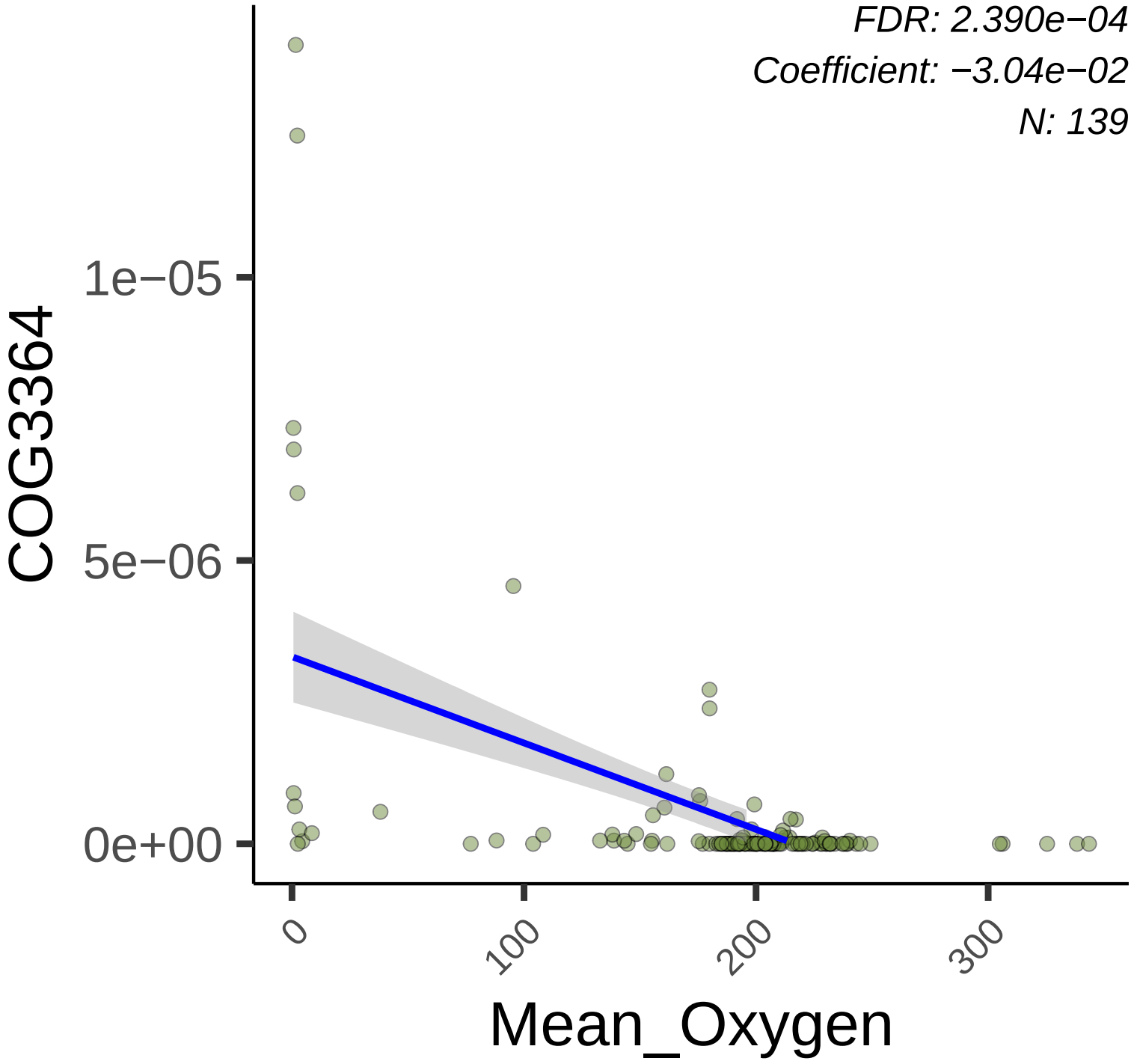
Mean_Oxygen


FDR: 2.390e−04
Coefficient: −3.04e−02
N: 139
COG3364
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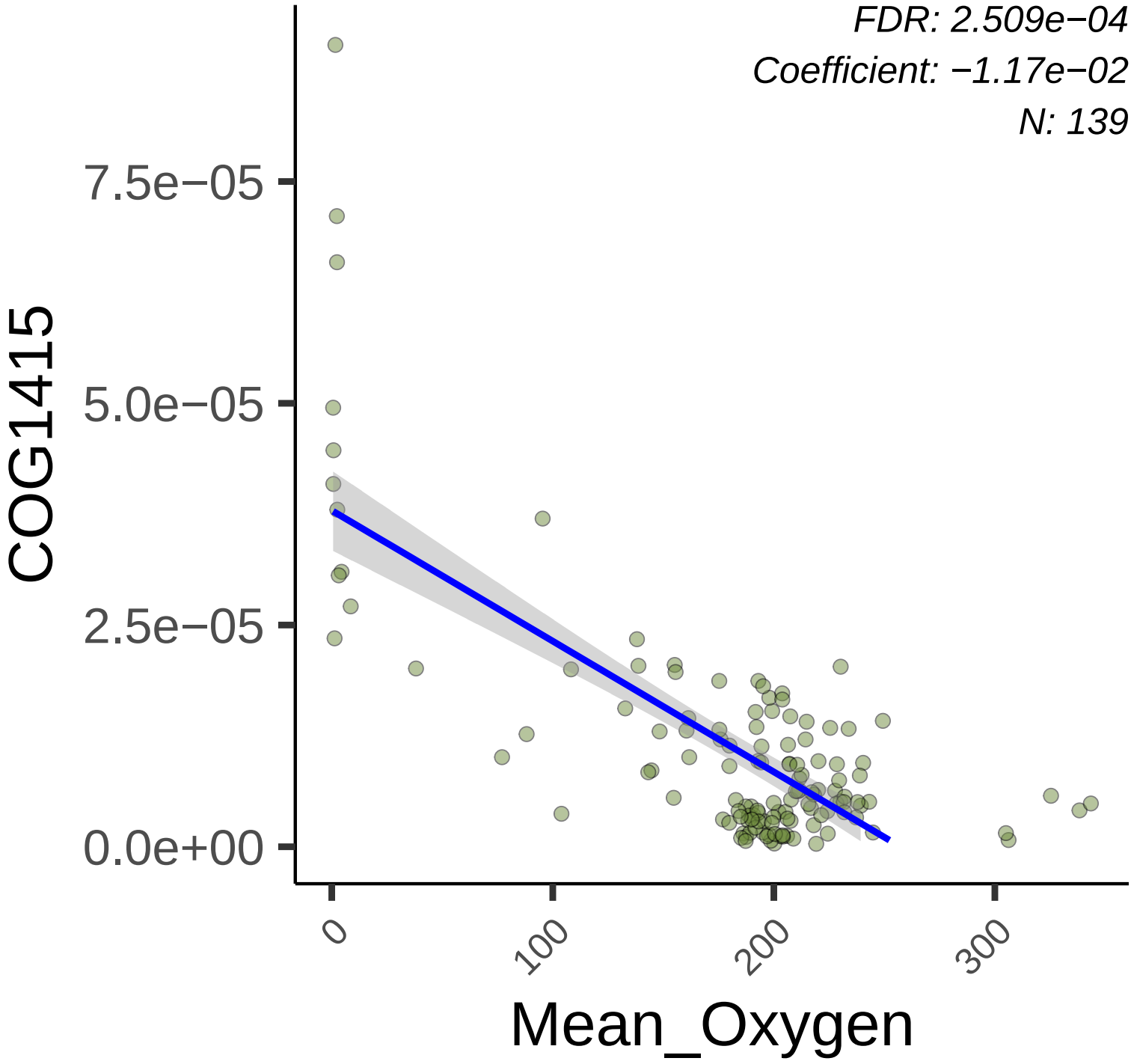
200
300
Mean_Oxygen


FDR: 2.509e−04
Coefficient: −1.17e−02
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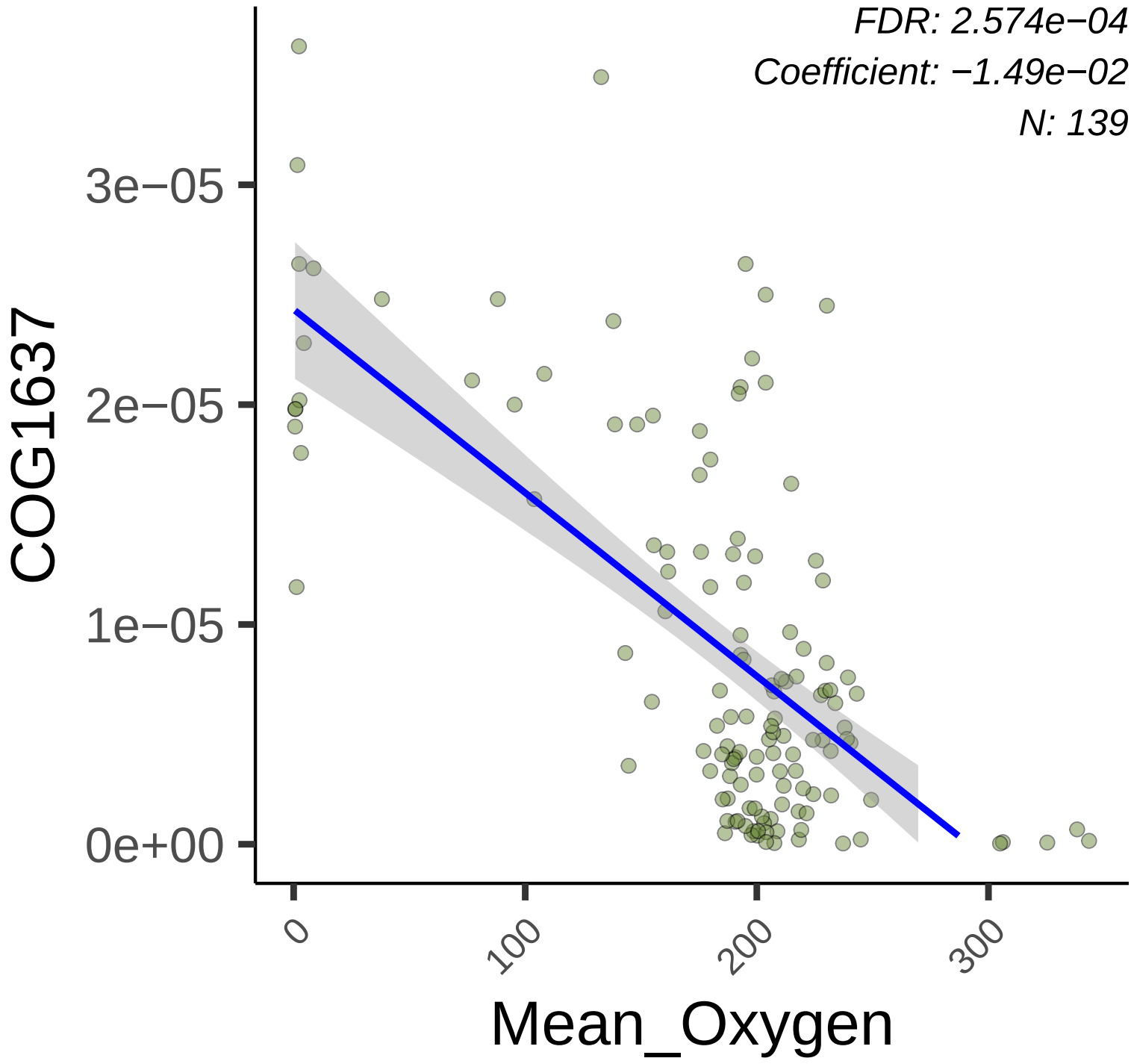
Mean_Oxygen


FDR: 2.574e−04
Coefficient: −1.49e−02
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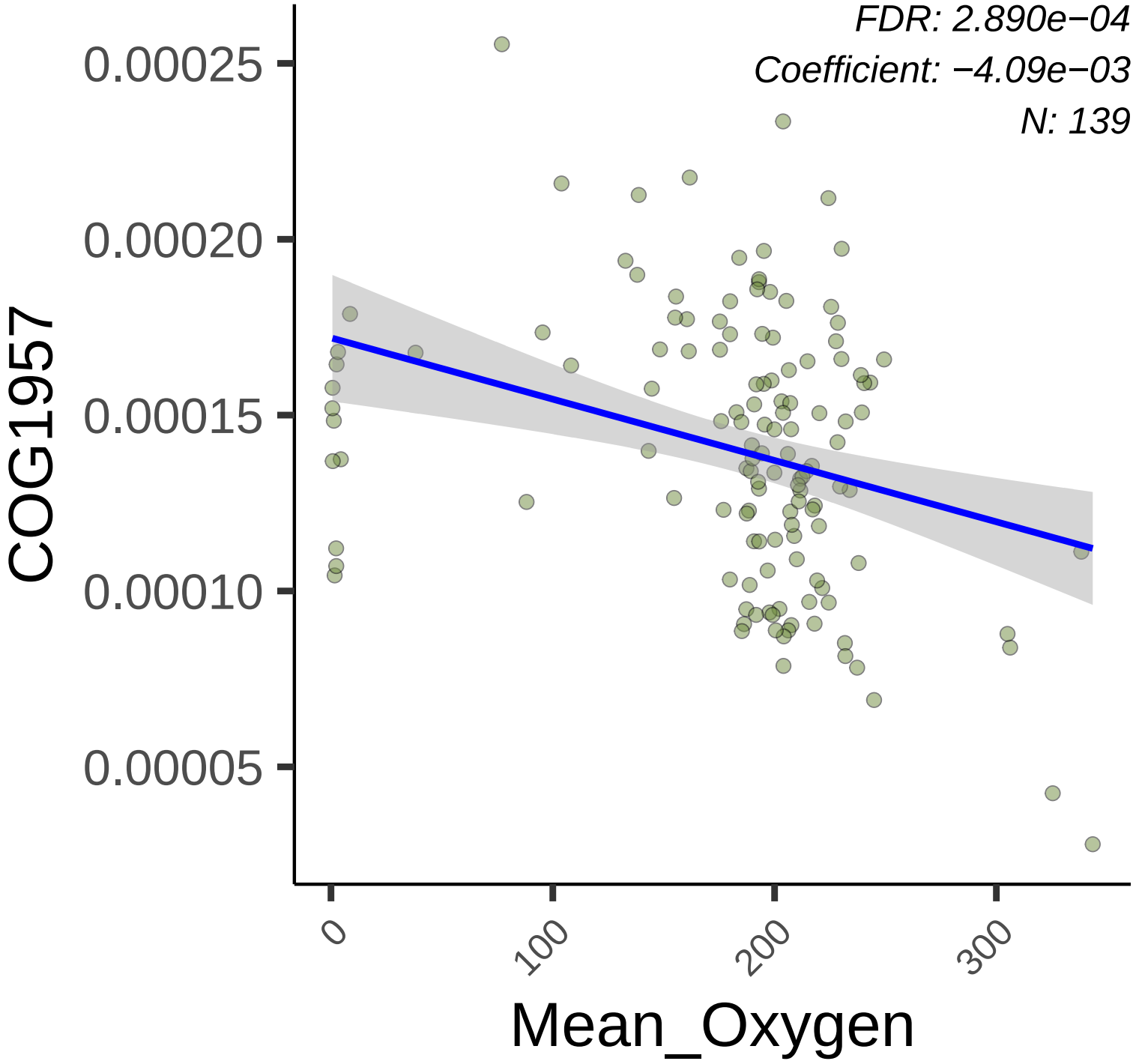
Mean_Oxygen


FDR: 2.890e−04
Coefficient: −4.09e−03
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COG1957
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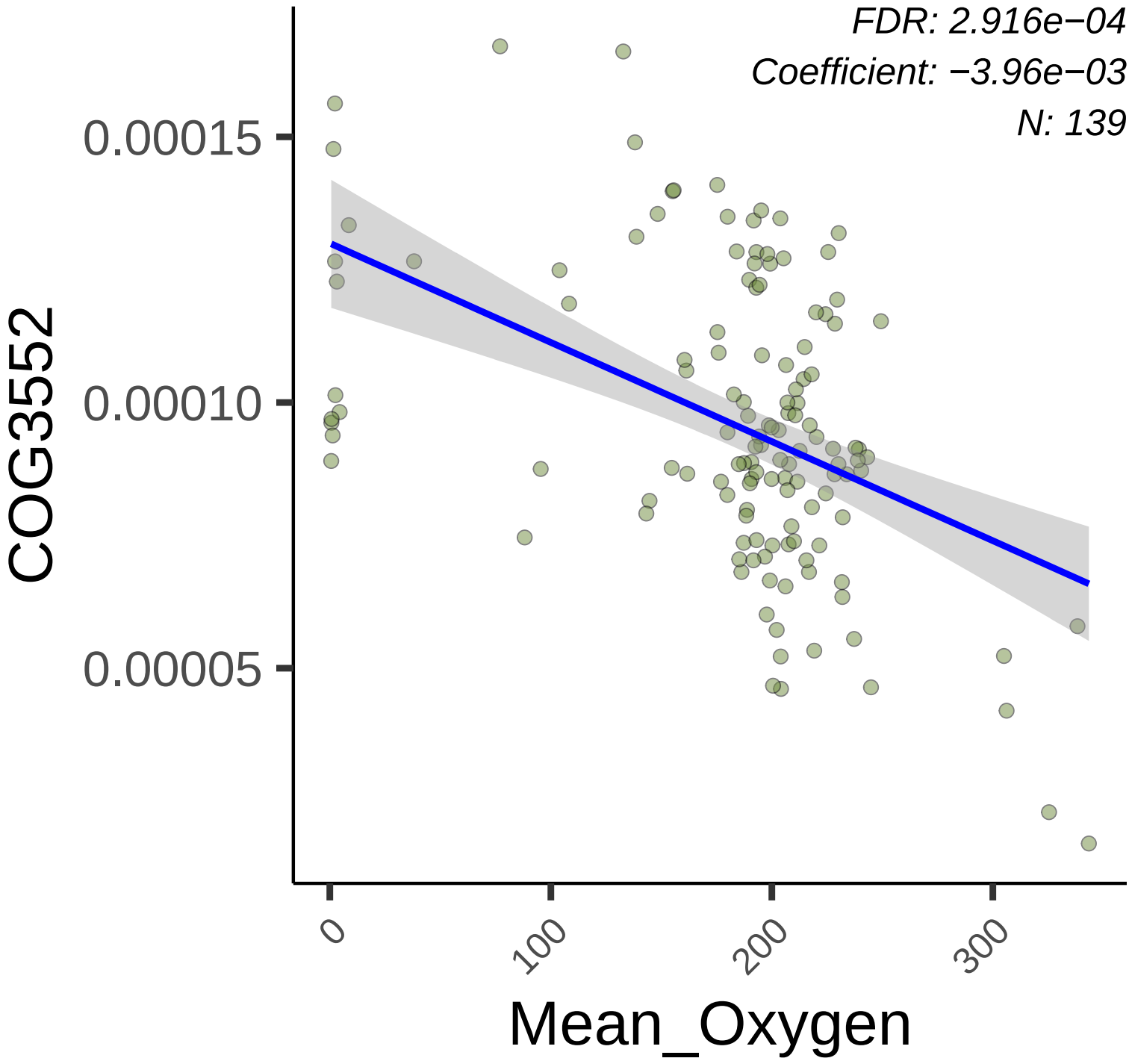
Mean_Oxygen


FDR: 2.916e−04
Coefficient: −3.96e−03
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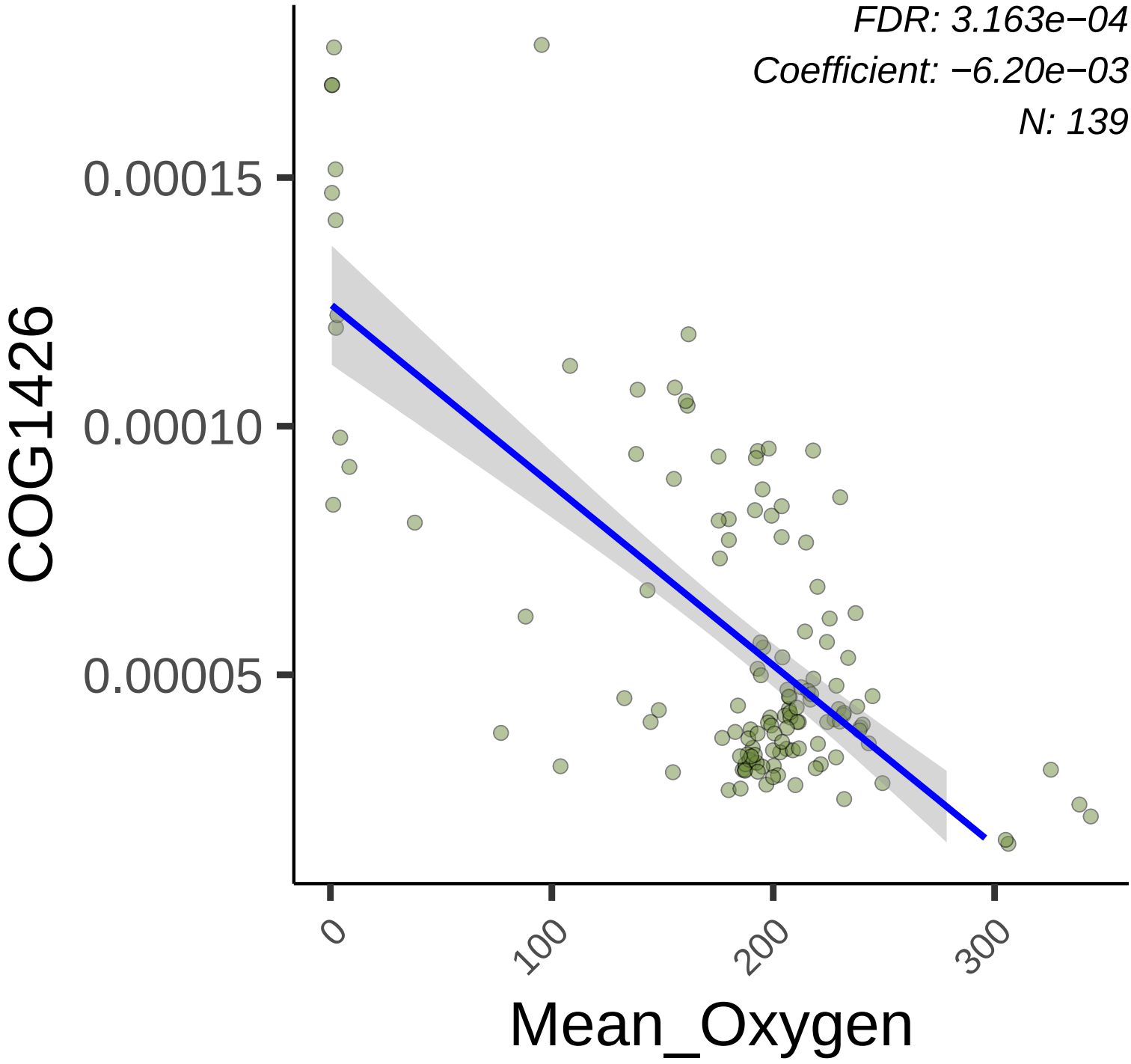
FDR: 3.163e−04
Coefficient: −6.20e−03
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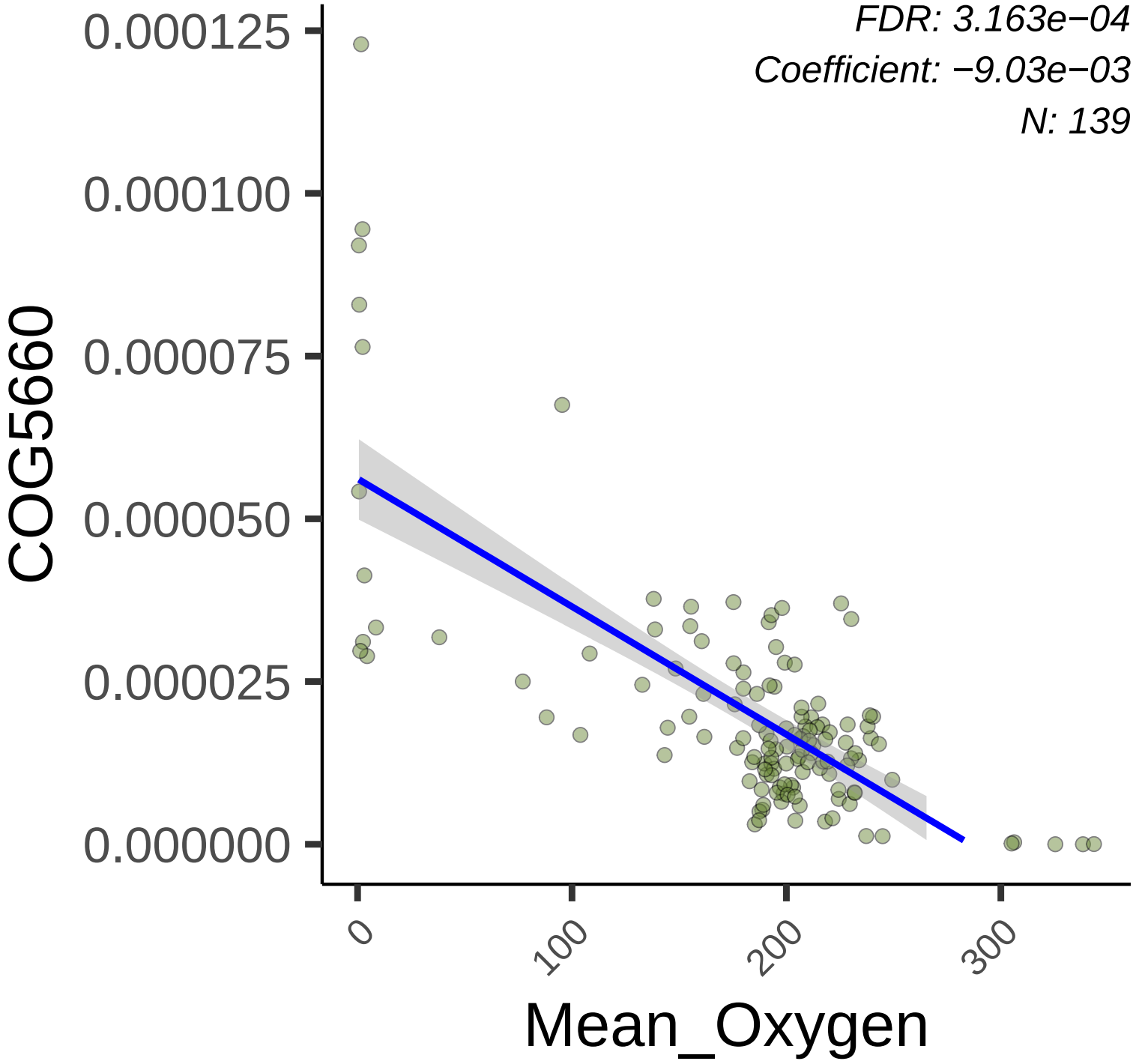
Mean_Oxygen


FDR: 3.163e−04
Coefficient: −9.03e−03
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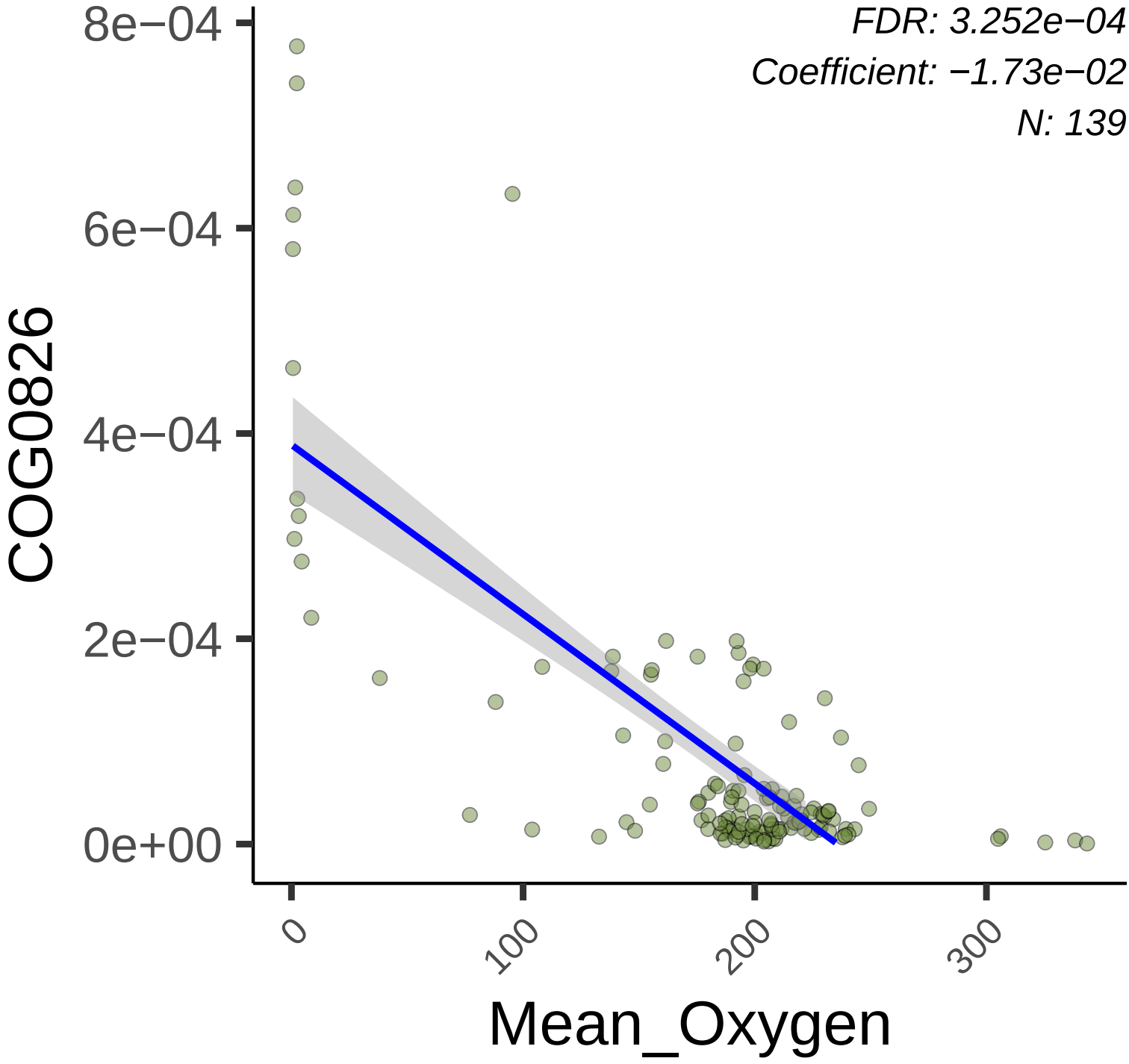
Mean_Oxygen


FDR: 3.252e−04
Coefficient: −1.73e−02
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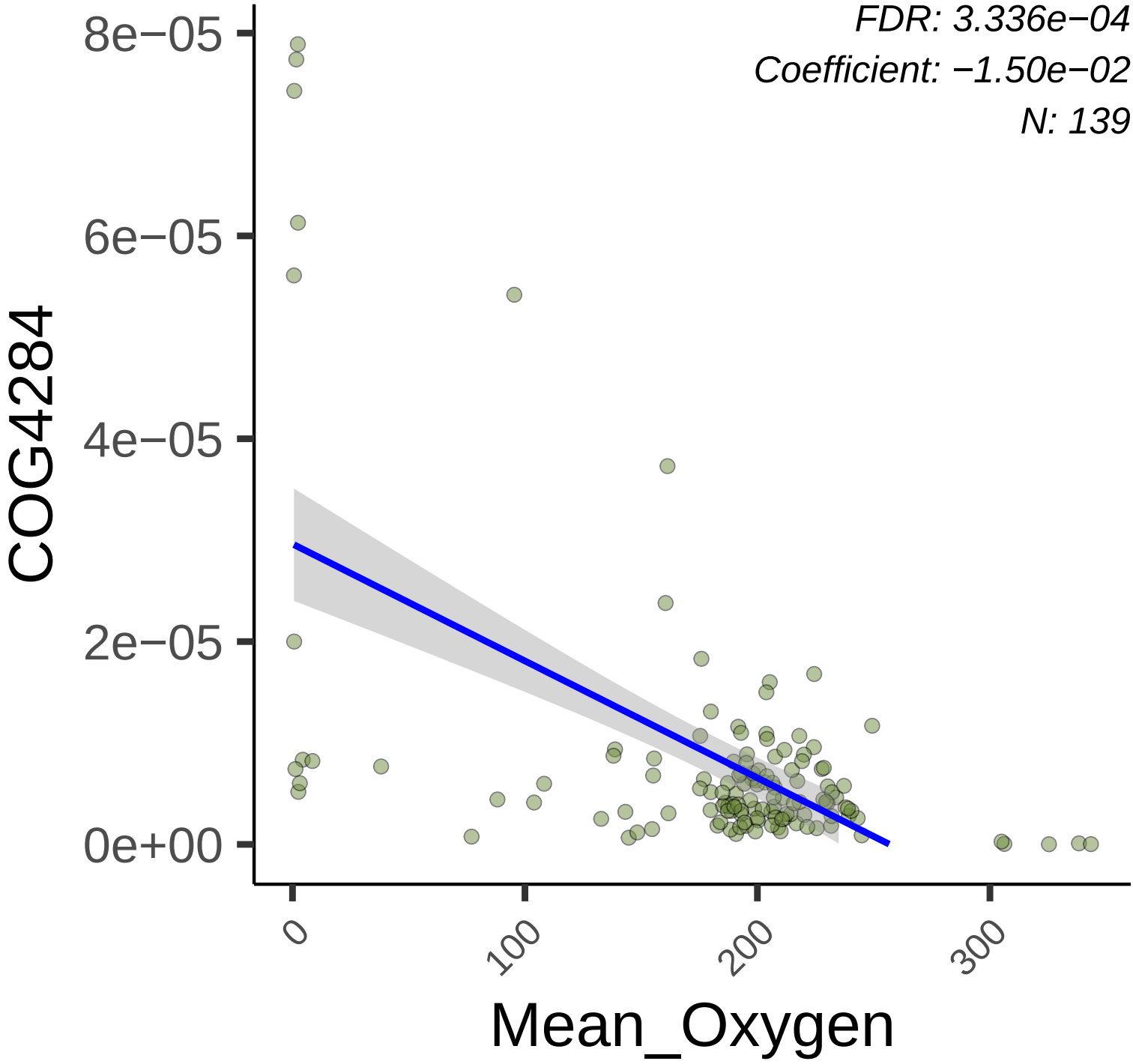
Mean_Oxygen


FDR: 3.336e−04
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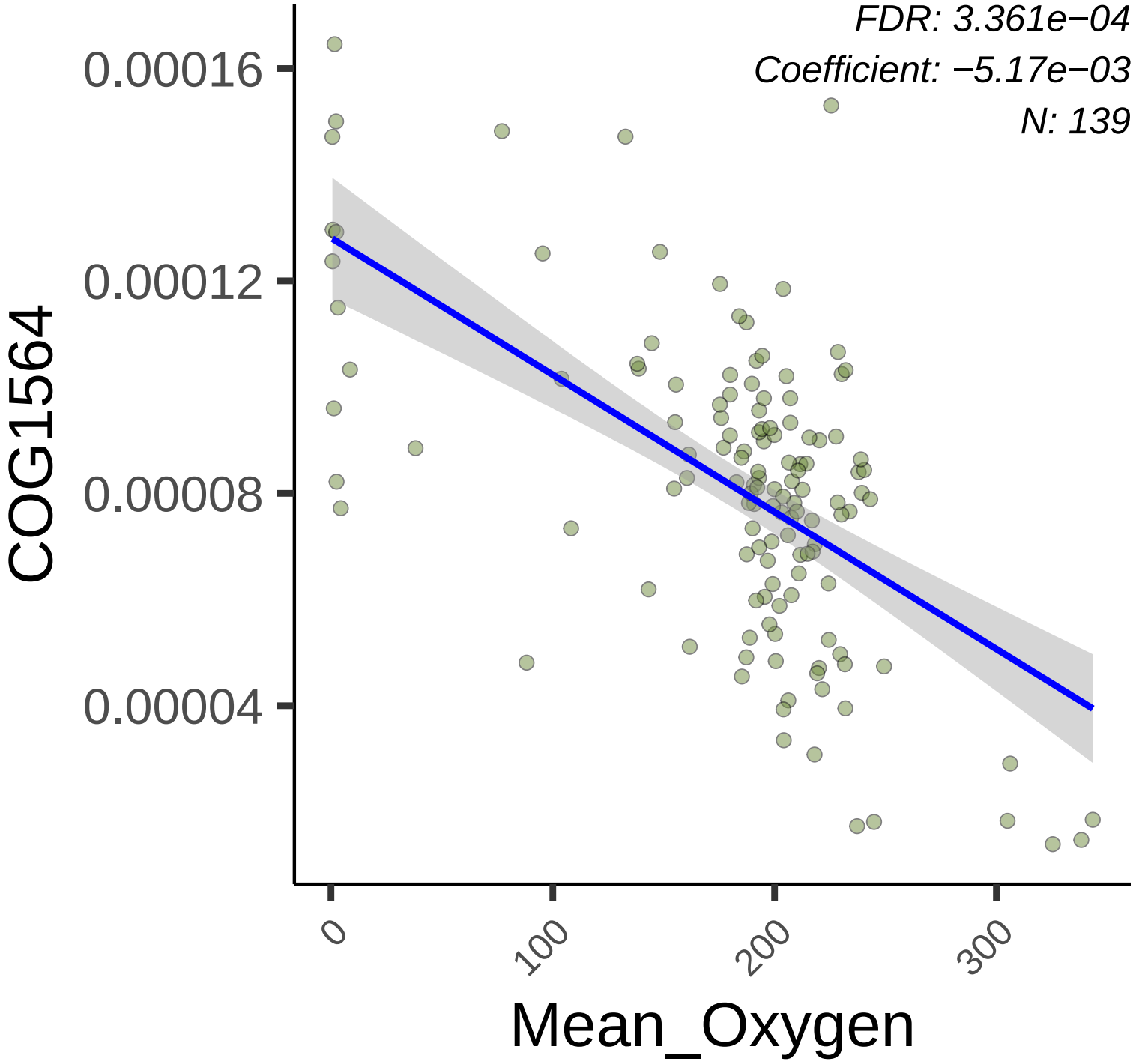
Mean_Oxygen


FDR: 3.361e−04
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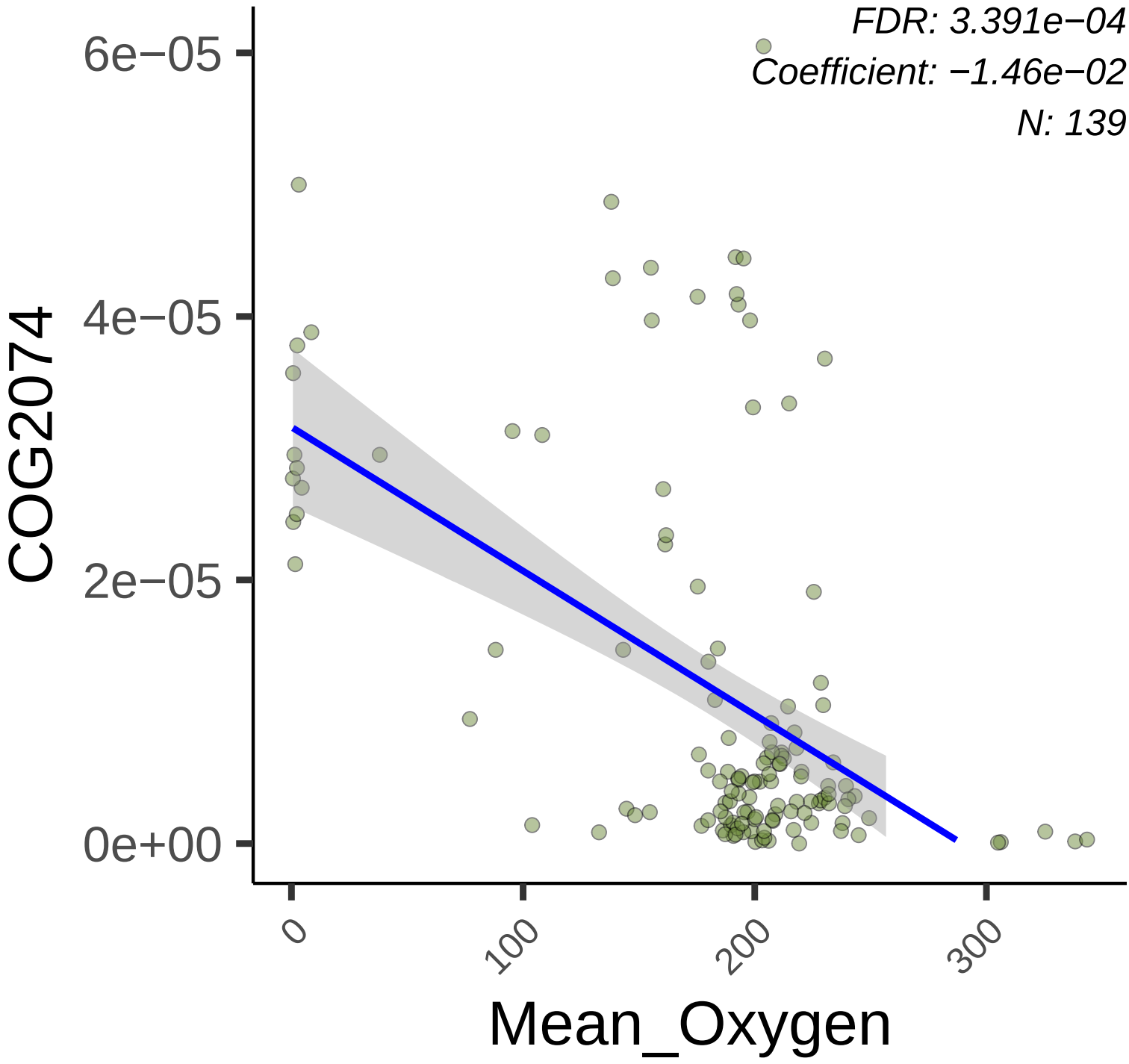
FDR: 3.391e−04
Coefficient: −1.46e−02
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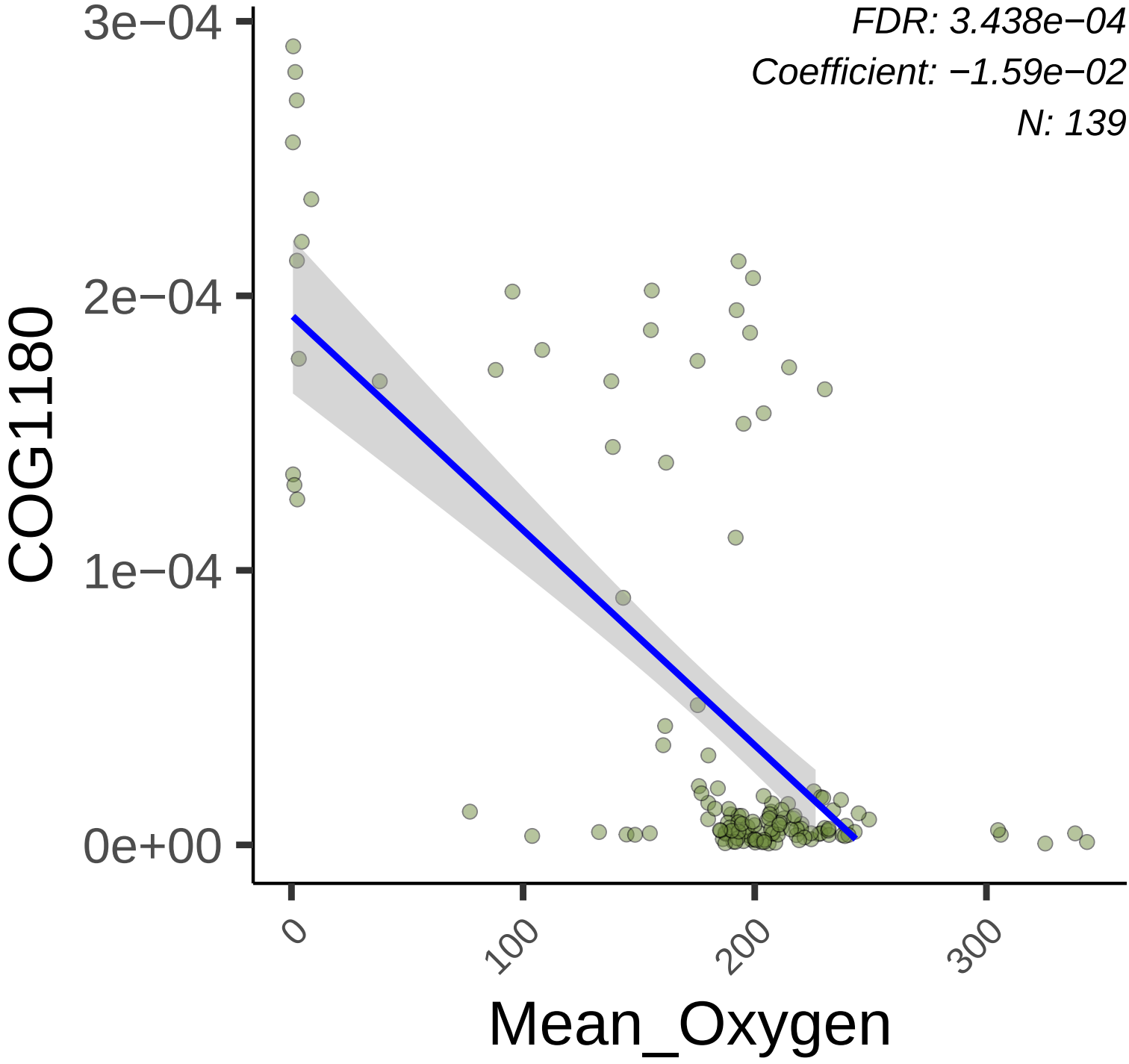
Mean_Oxygen


FDR: 3.438e−04
Coefficient: −1.59e−02
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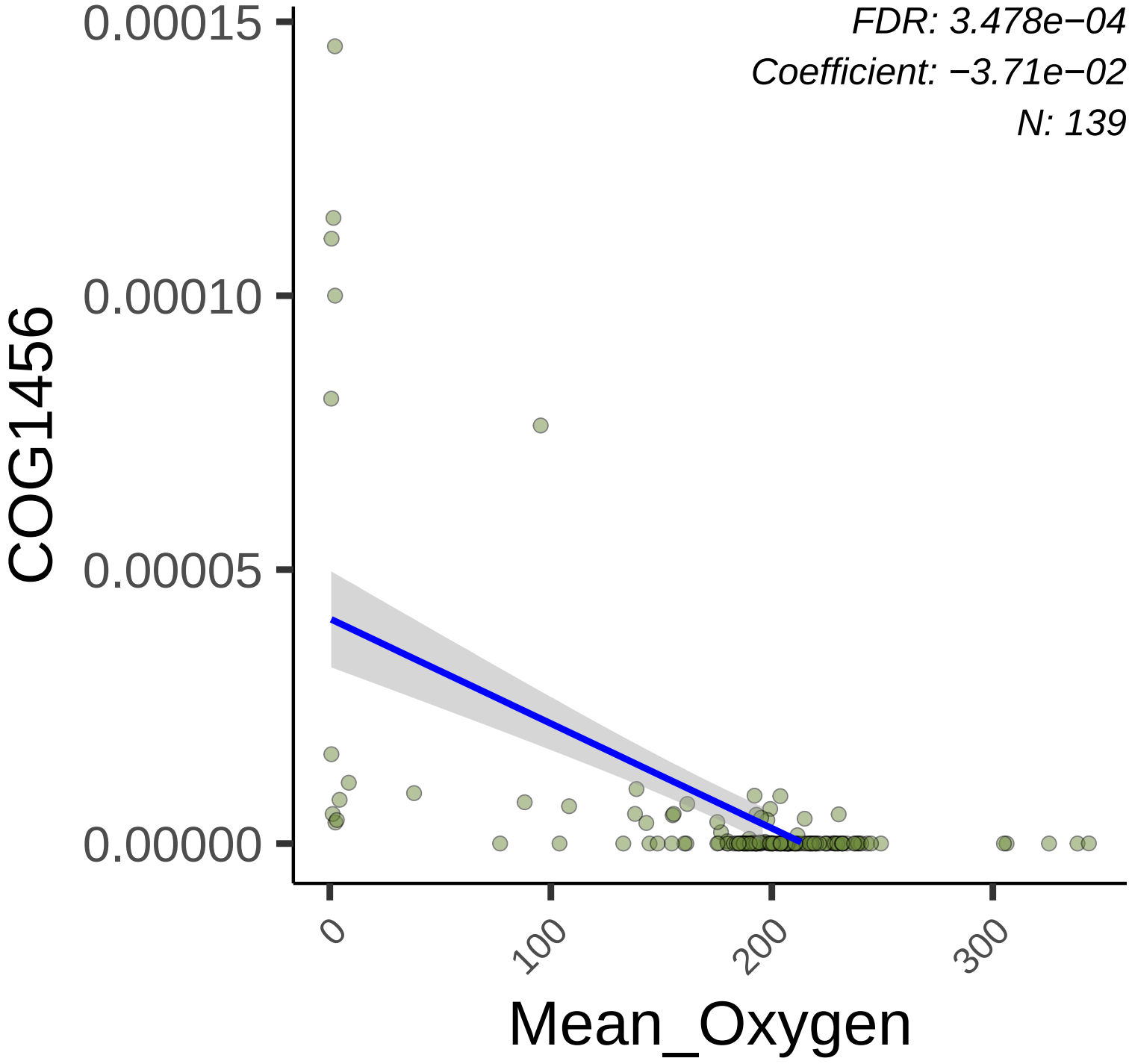
Mean_Oxygen


FDR: 3.478e−04
Coefficient: −3.71e−02
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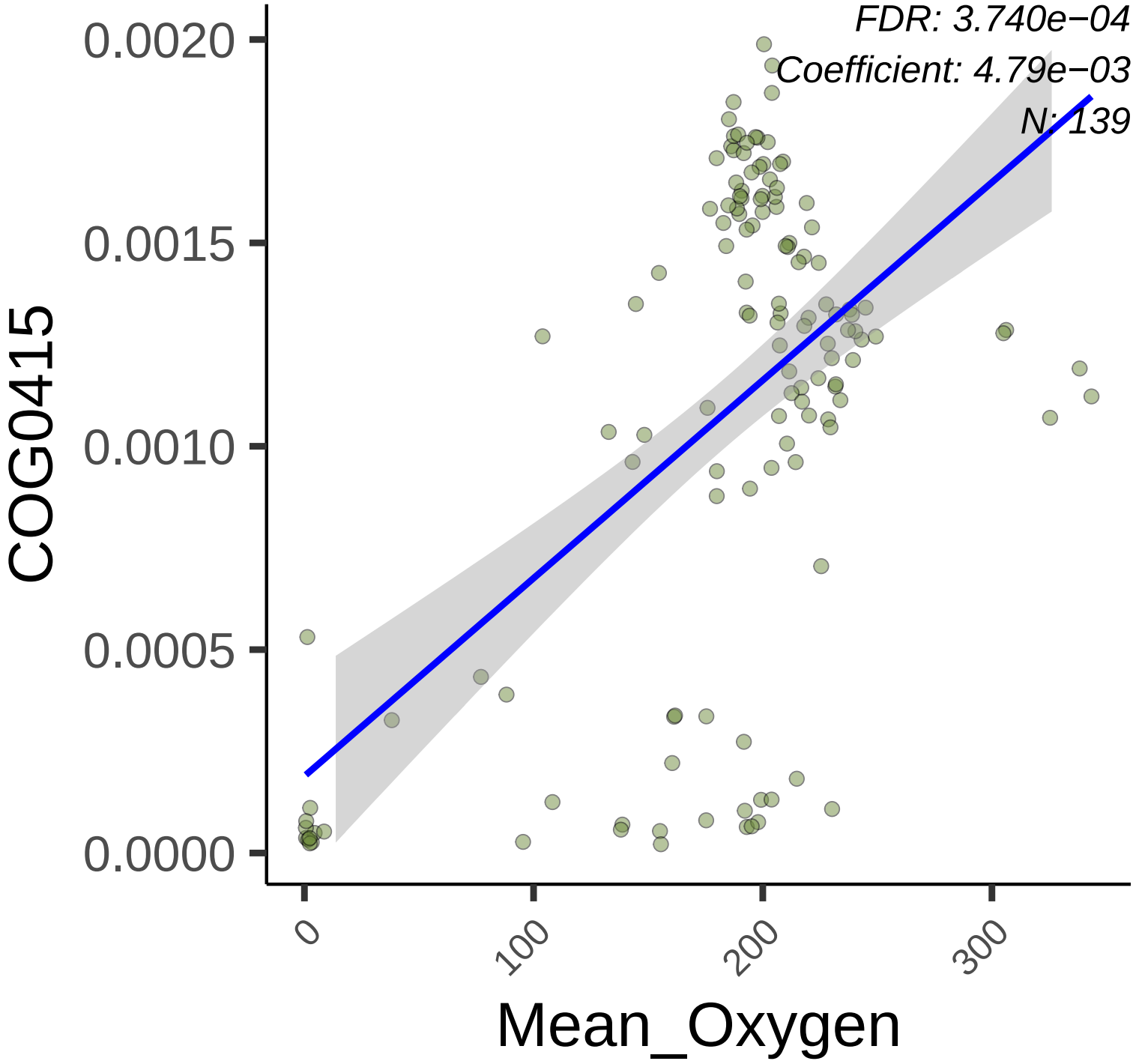
Mean_Oxygen


FDR: 3.740e−04
Coefficient: 4.79e−03
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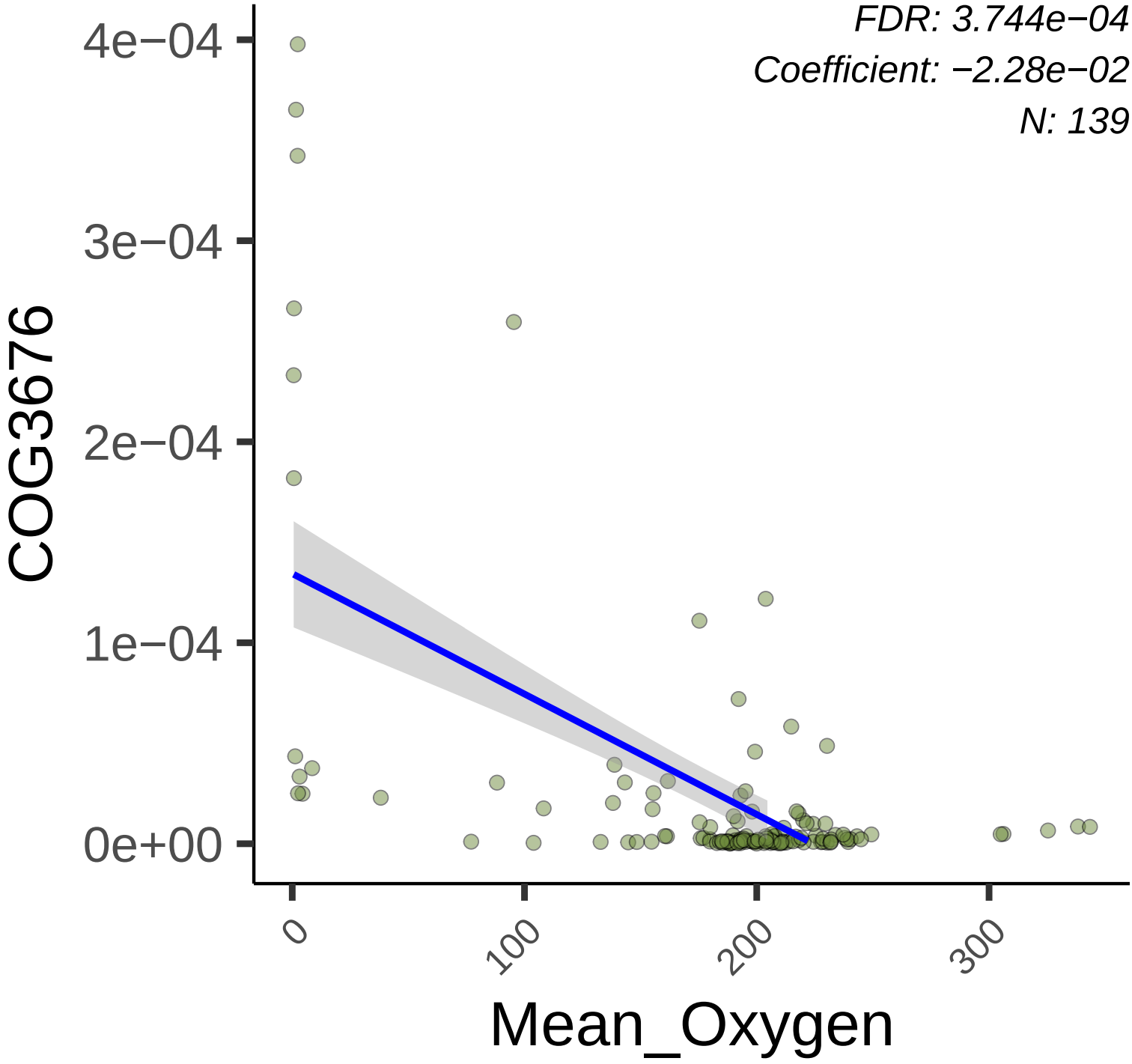
Mean_Oxygen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200
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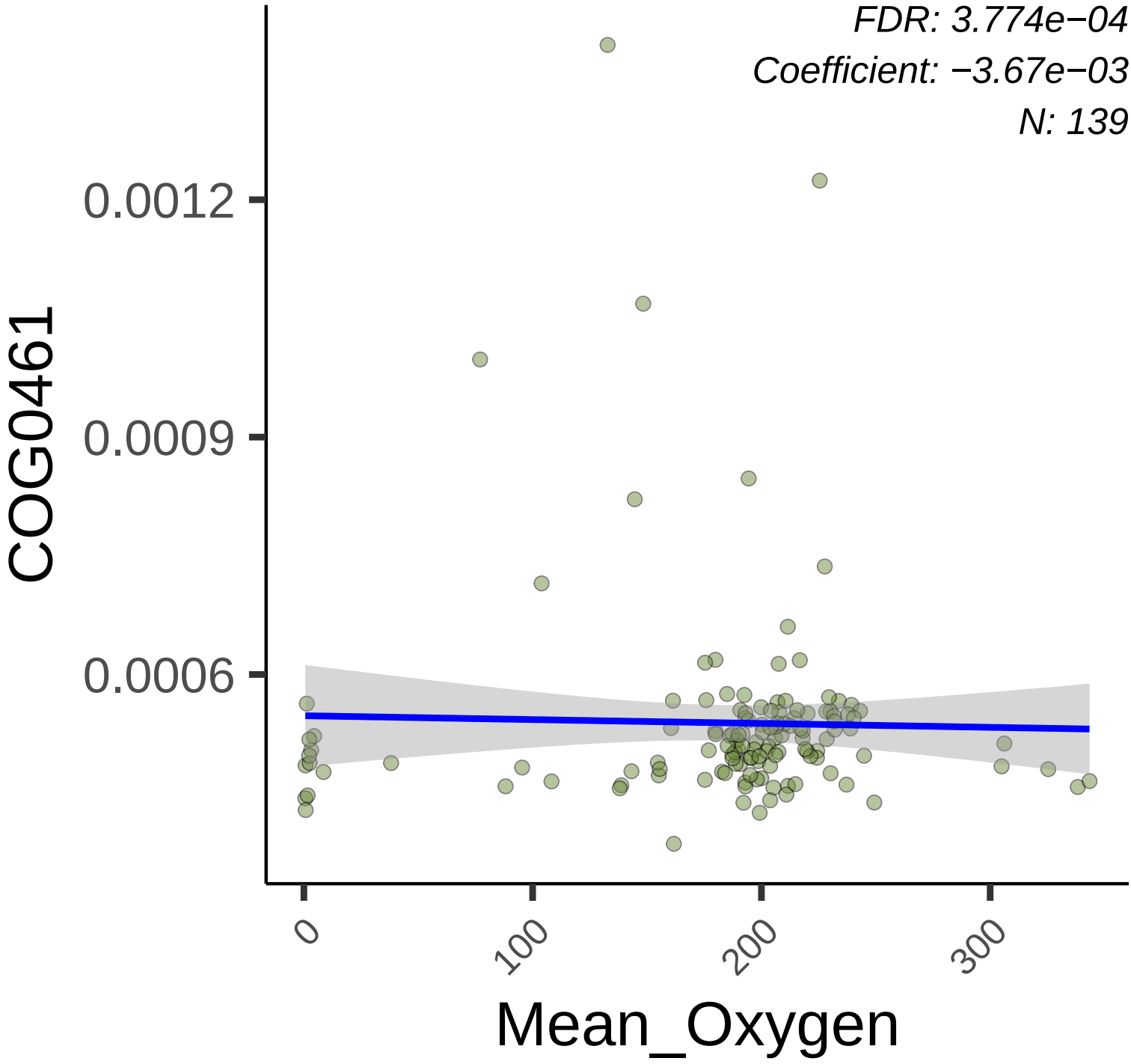
Mean_Oxygen


FDR: 3.774e−04
Coefficient: −3.67e−03
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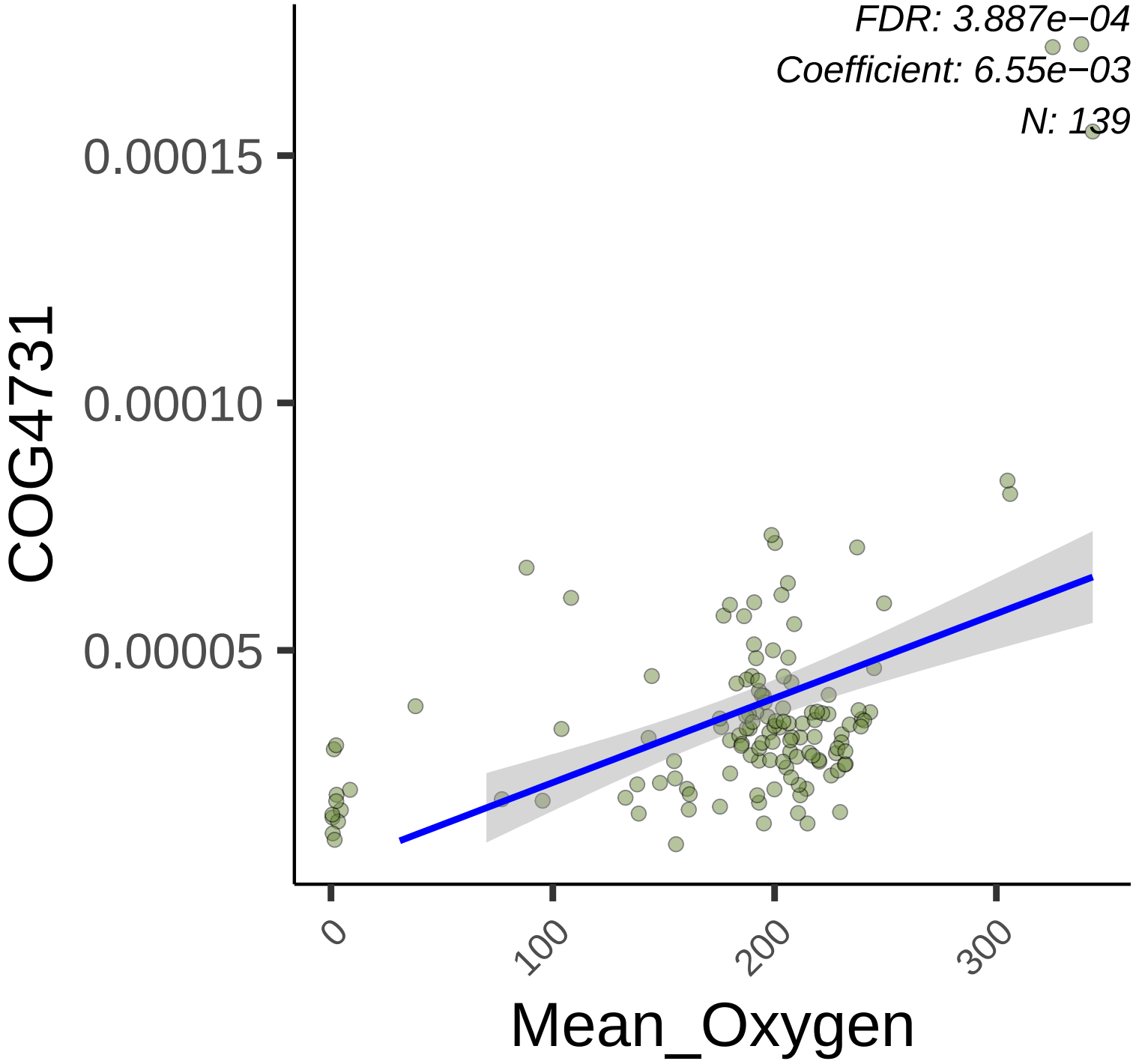
Mean_Oxygen


FDR: 3.887e−04
Coefficient: 6.55e−03
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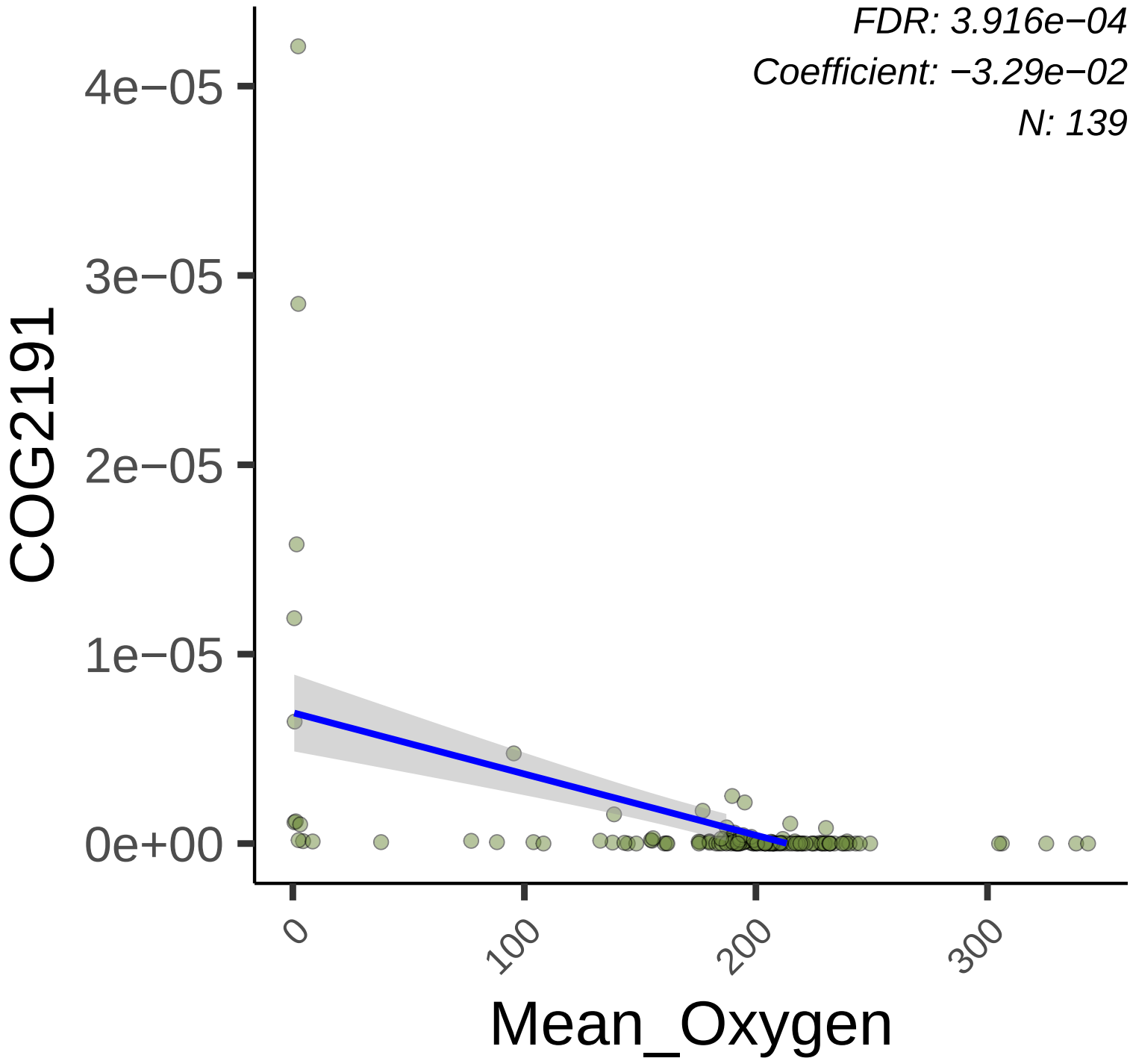
Mean_Oxygen


FDR: 3.916e−04
Coefficient: −3.29e−02
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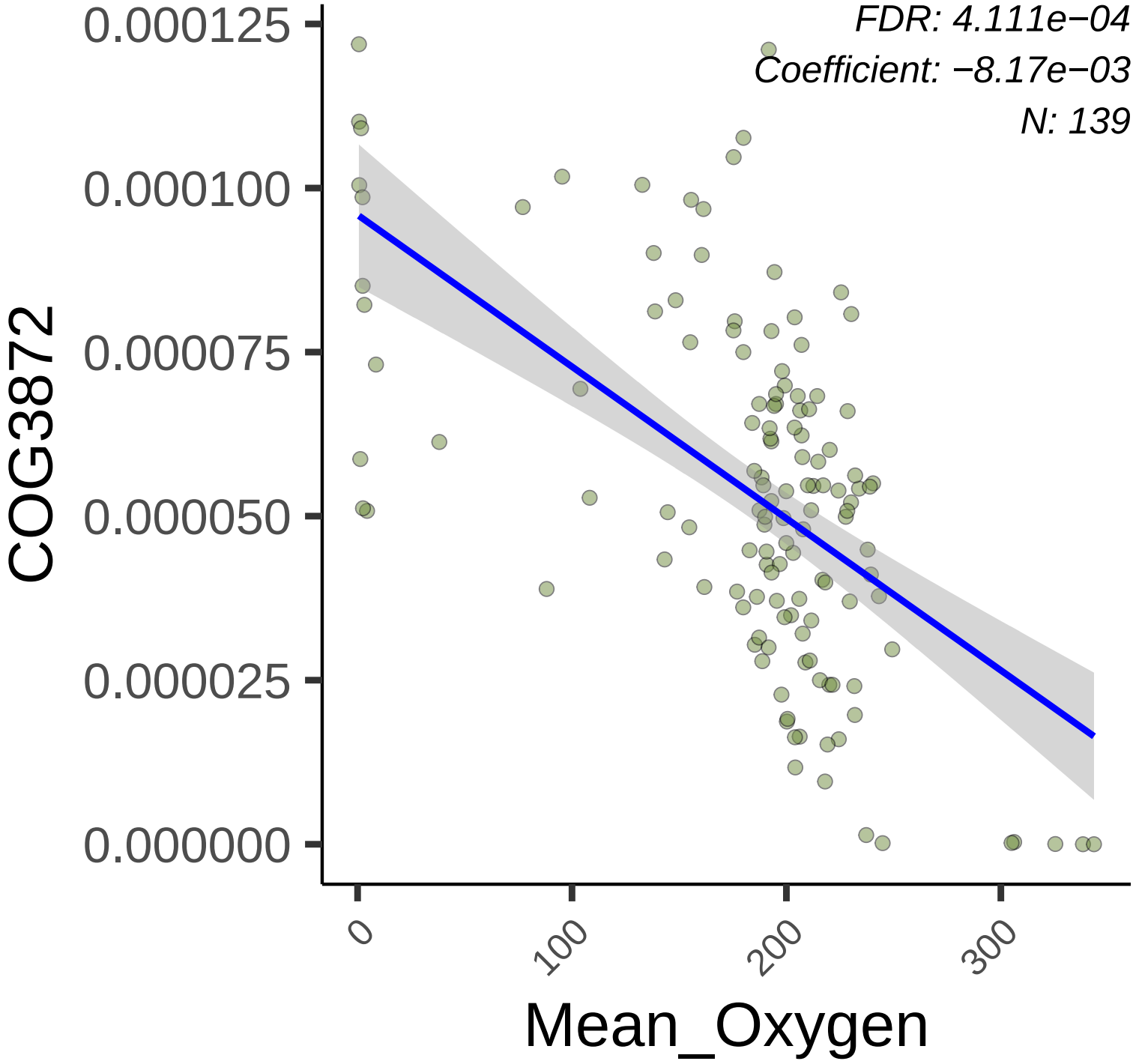
Mean_Oxygen


FDR: 4.111e−04
Coefficient: −8.17e−03
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200
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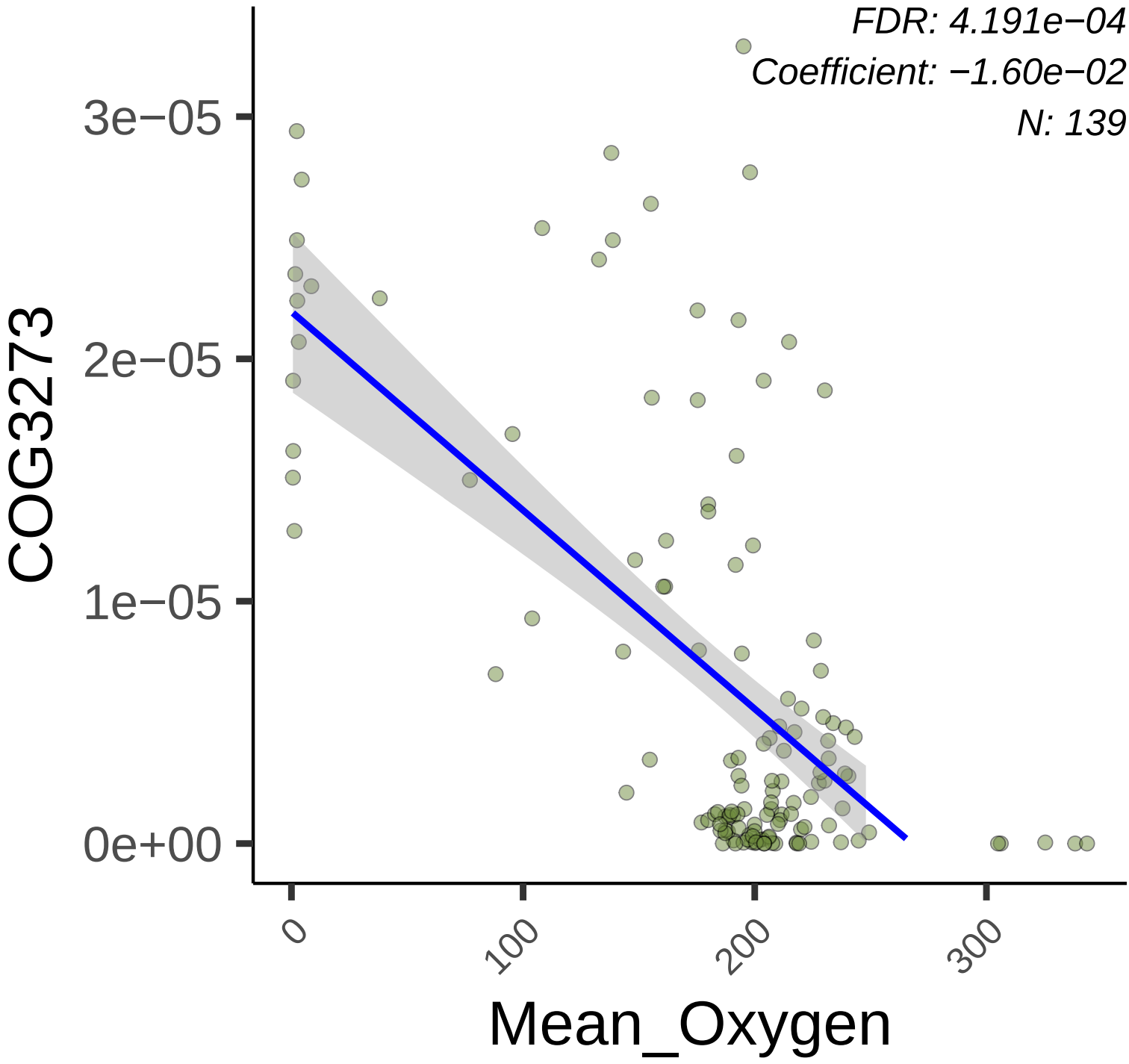
Mean_Oxygen


FDR: 4.191e−04
Coefficient: −1.60e−02
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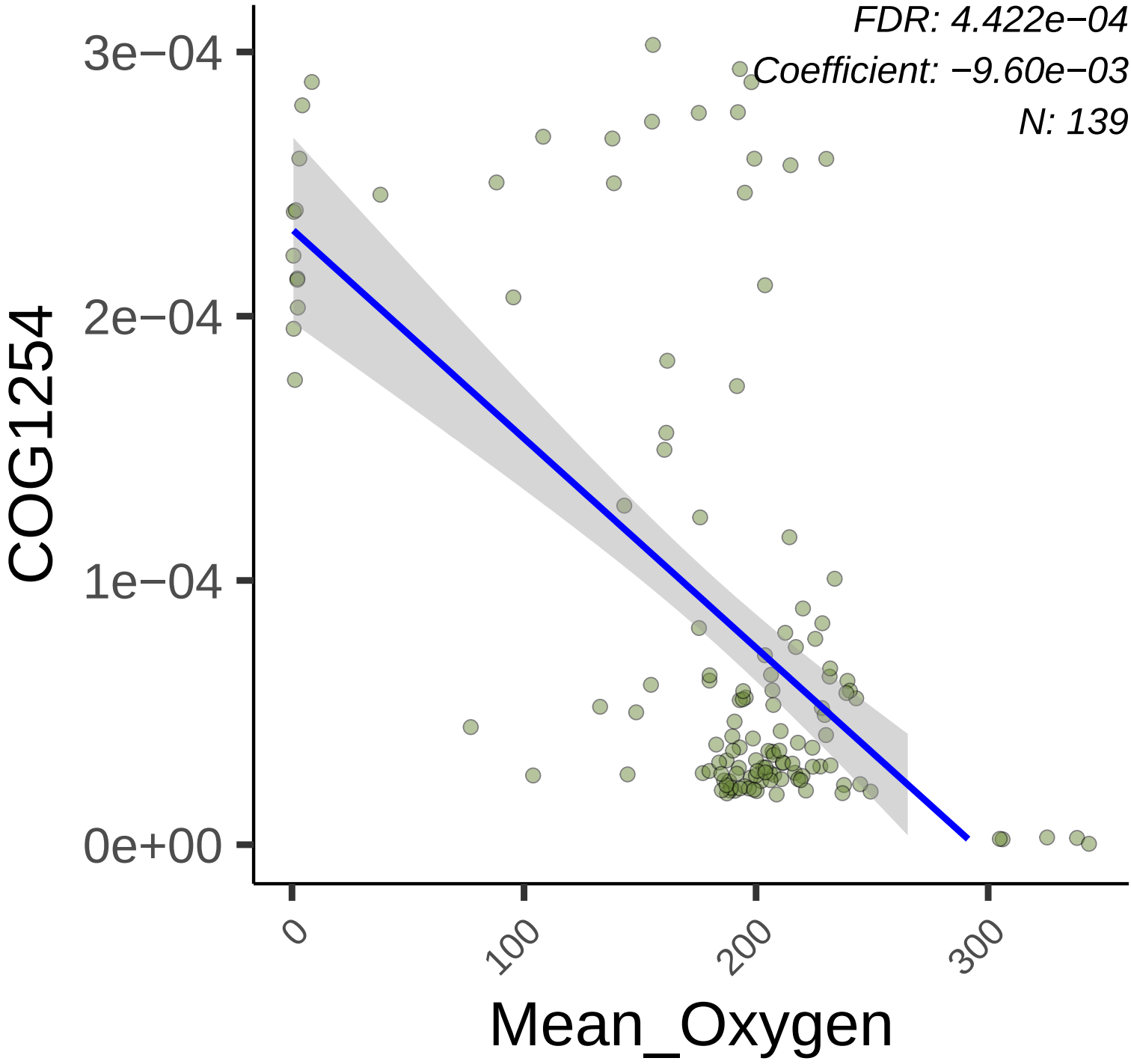
Mean_Oxygen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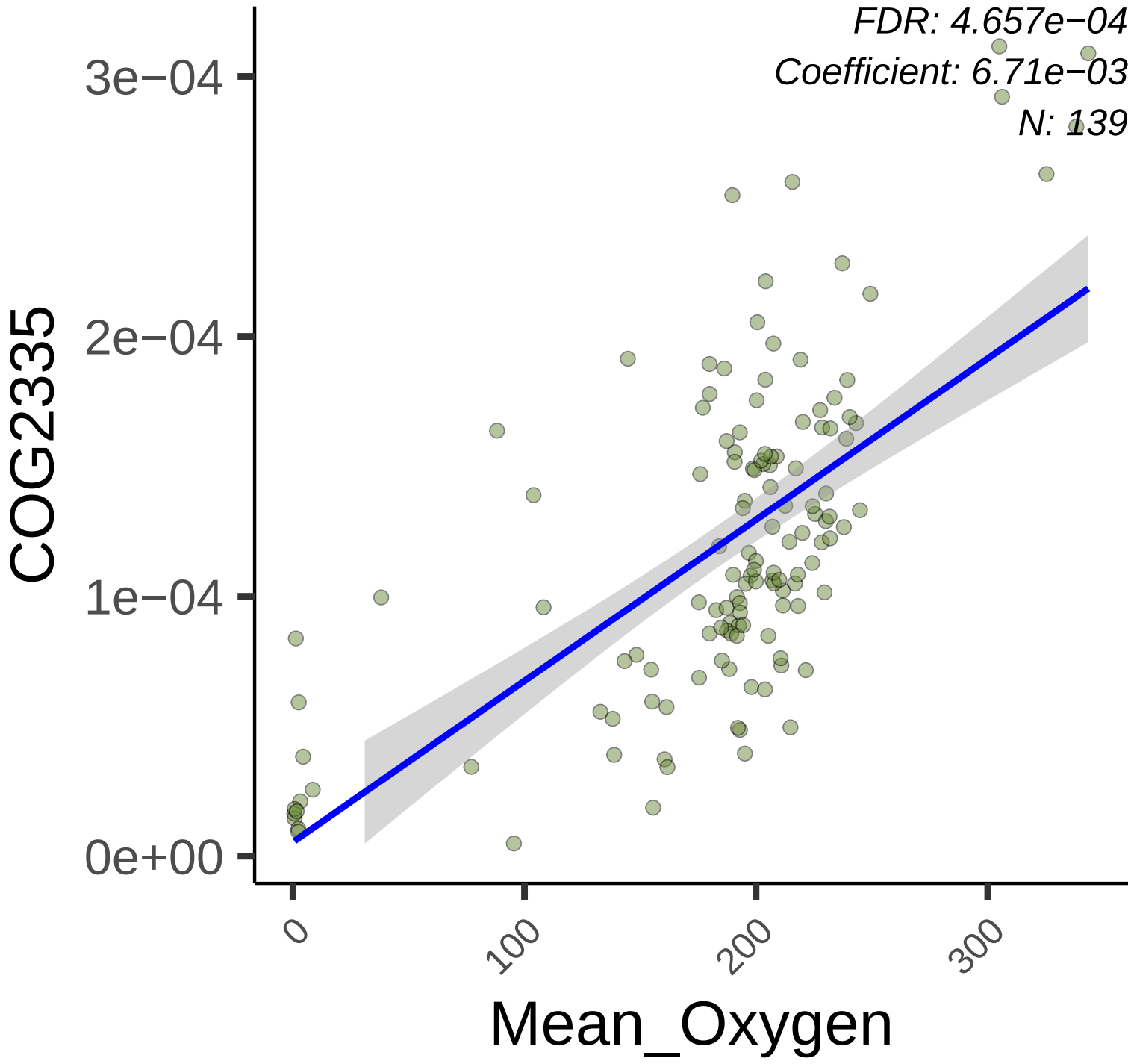
300
Mean_Oxygen


FDR: 4.657e−04
Coefficient: 6.71e−03
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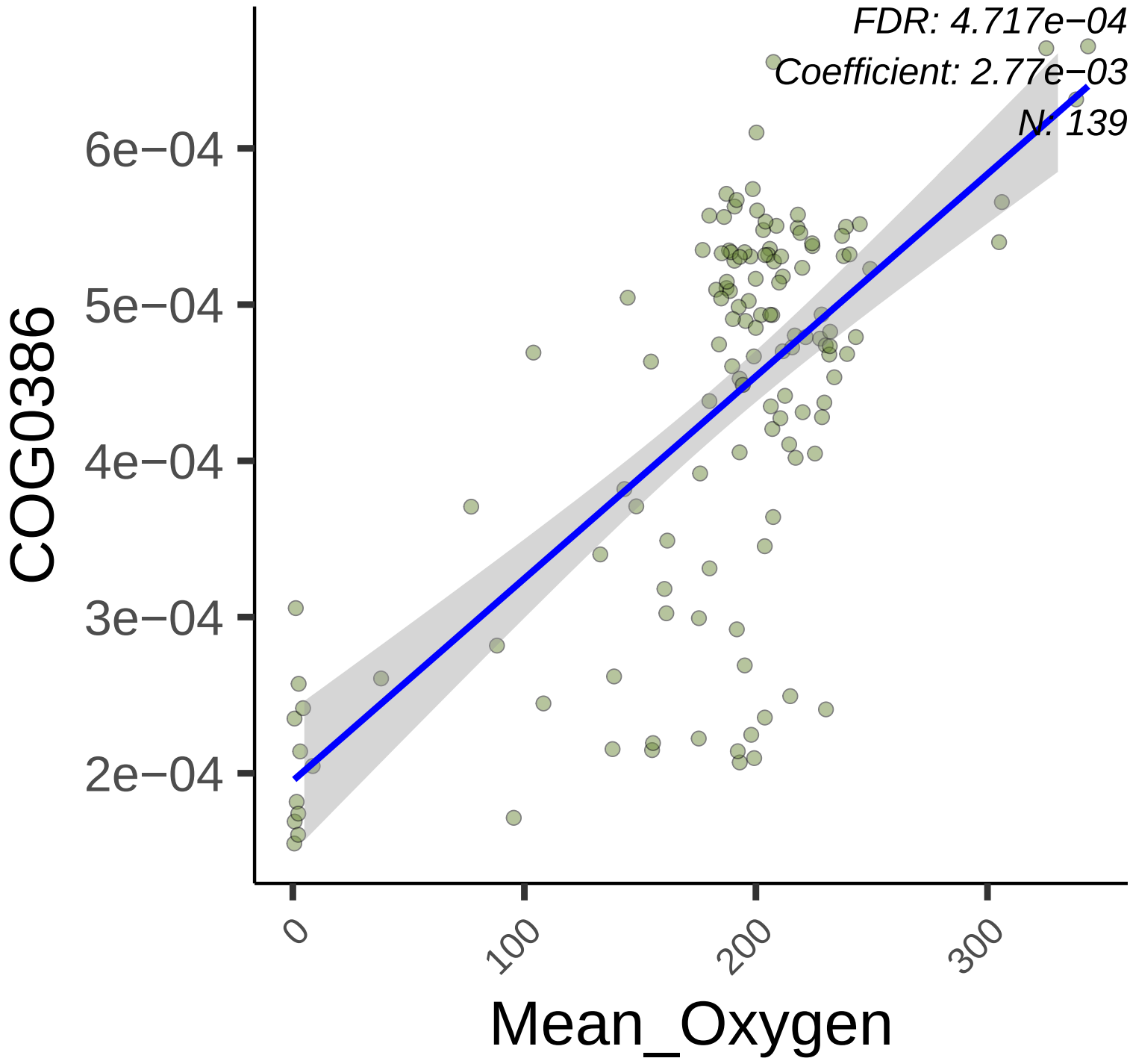
200
300
Mean_Oxygen


FDR: 4.717e−04
Coefficient: 2.77e−03
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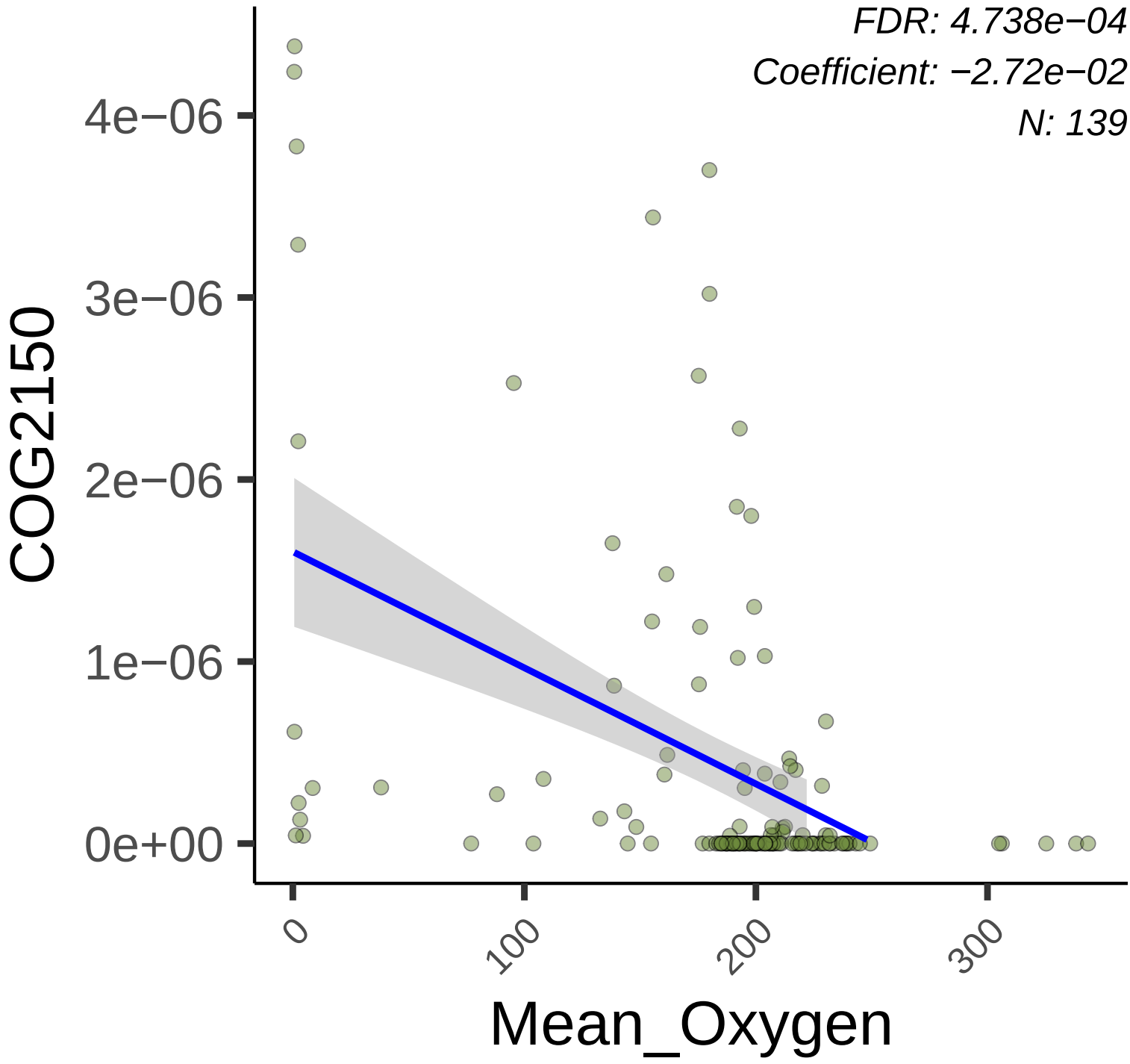
Mean_Oxygen


FDR: 4.738e−04
Coefficient: −2.72e−02
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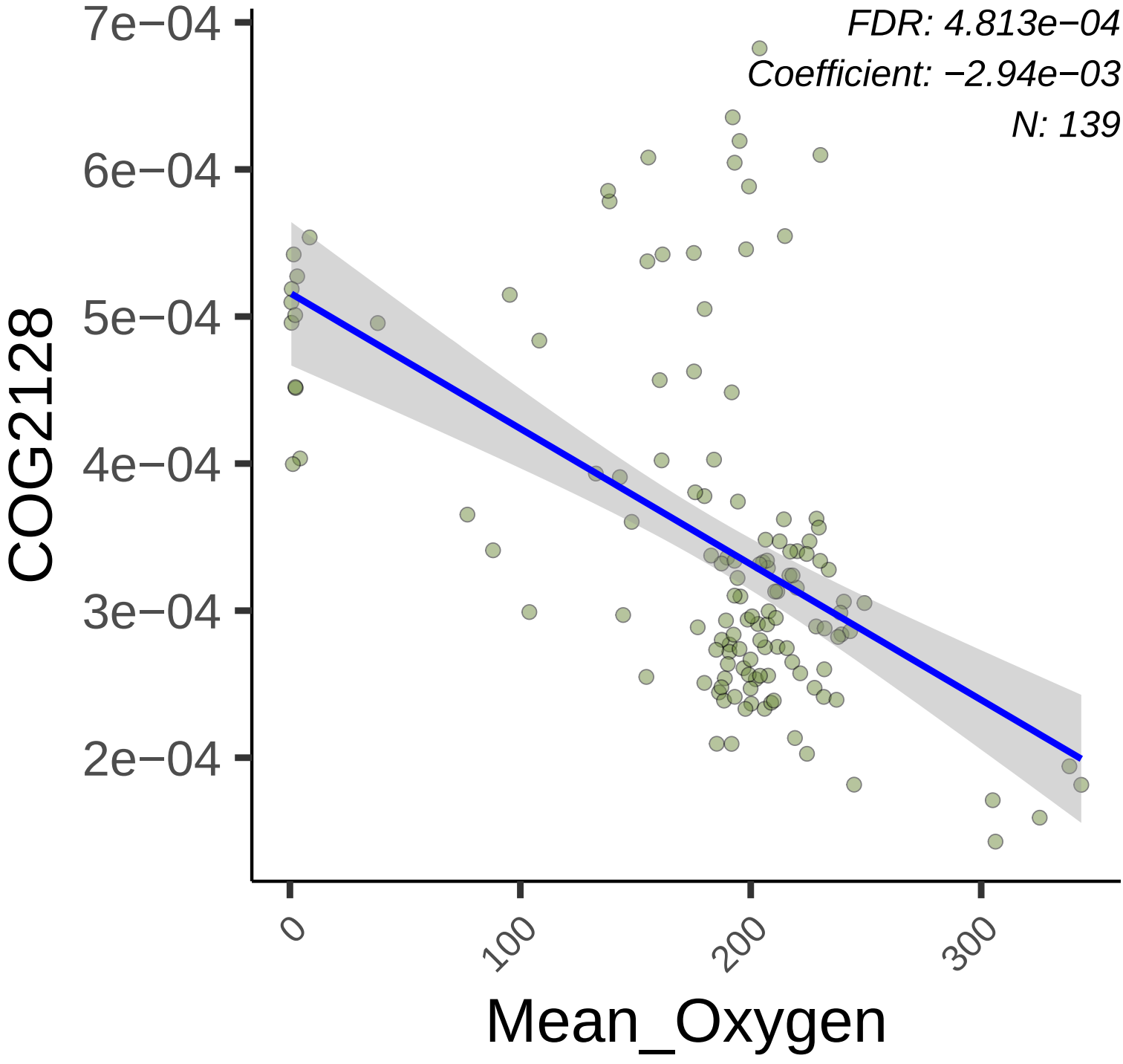
Mean_Oxygen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Coefficient: −2.94e−03
N: 139
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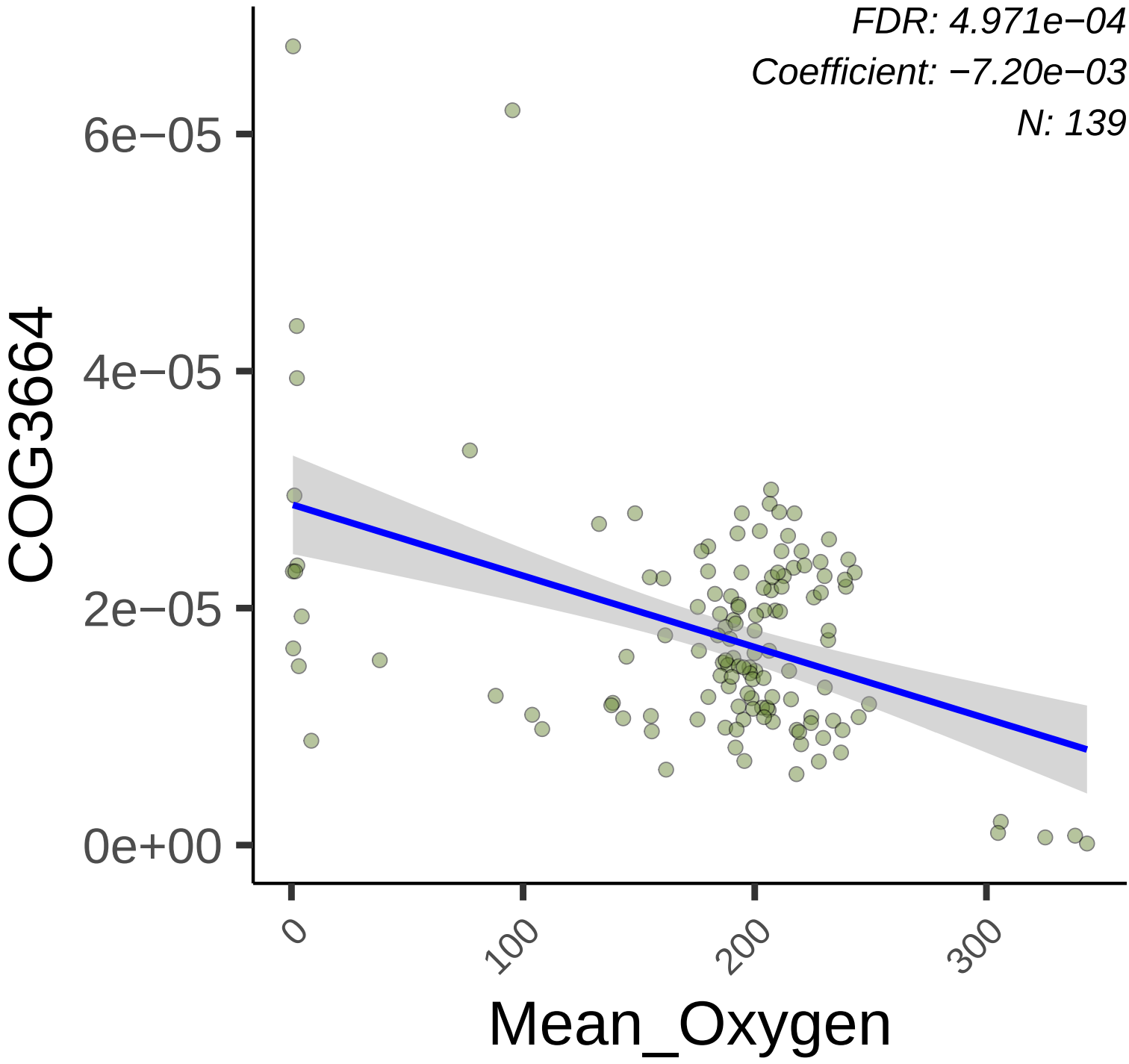
Mean_Oxygen


FDR: 4.971e−04
Coefficient: −7.20e−03
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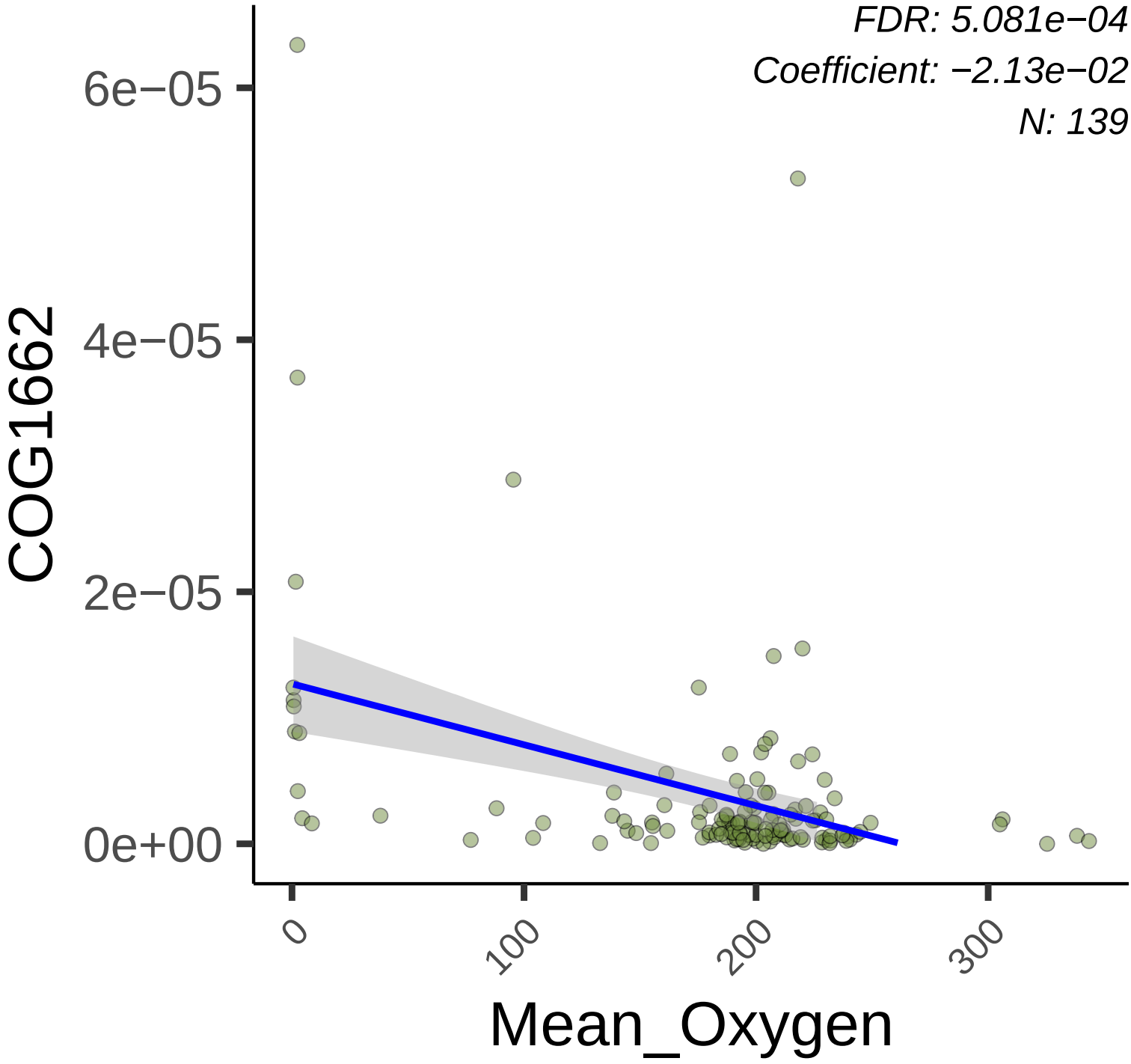
Mean_Oxygen


FDR: 5.081e−04
Coefficient: −2.13e−02
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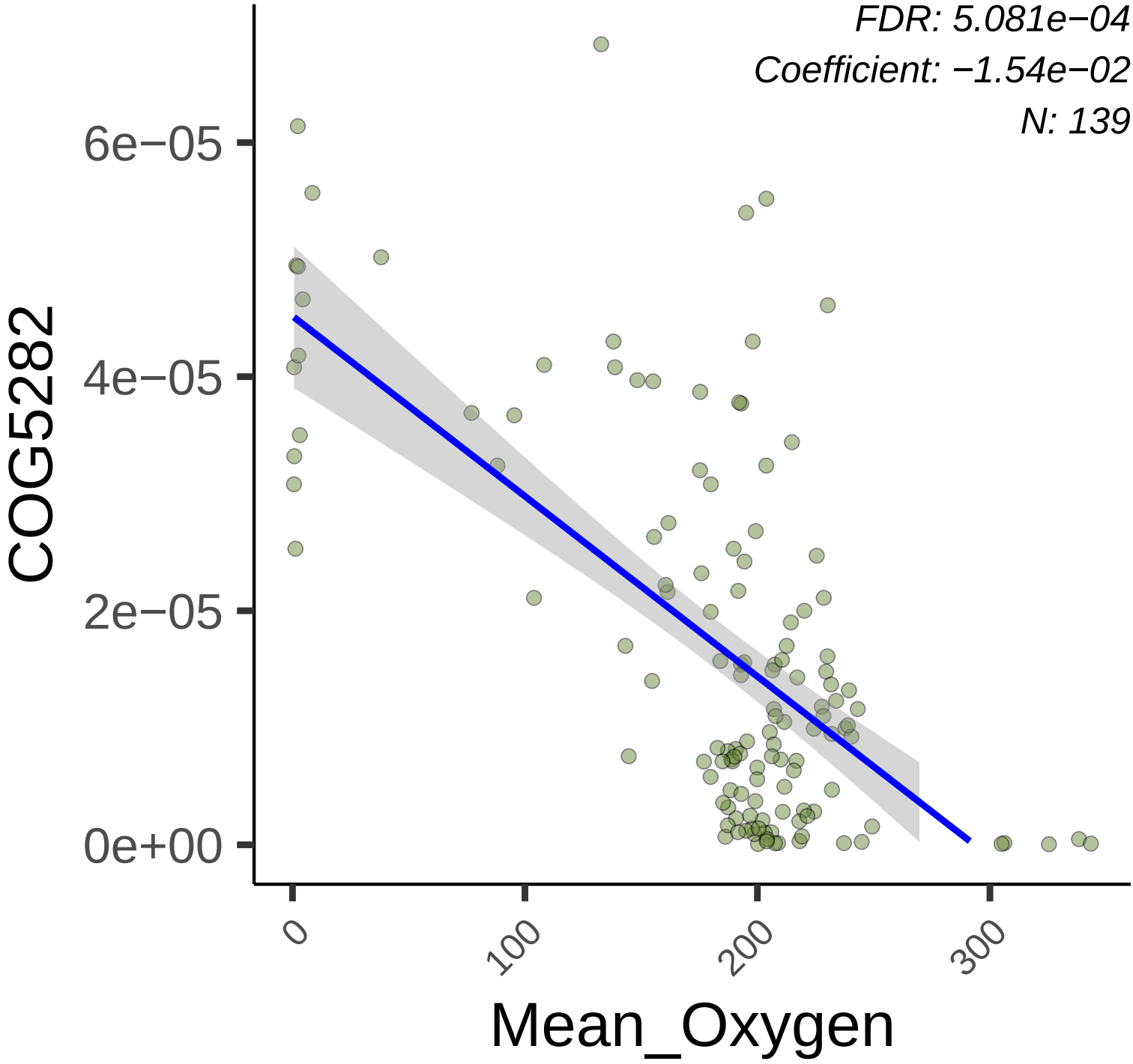
Mean_Oxygen


FDR: 5.081e−04
Coefficient: −1.54e−02
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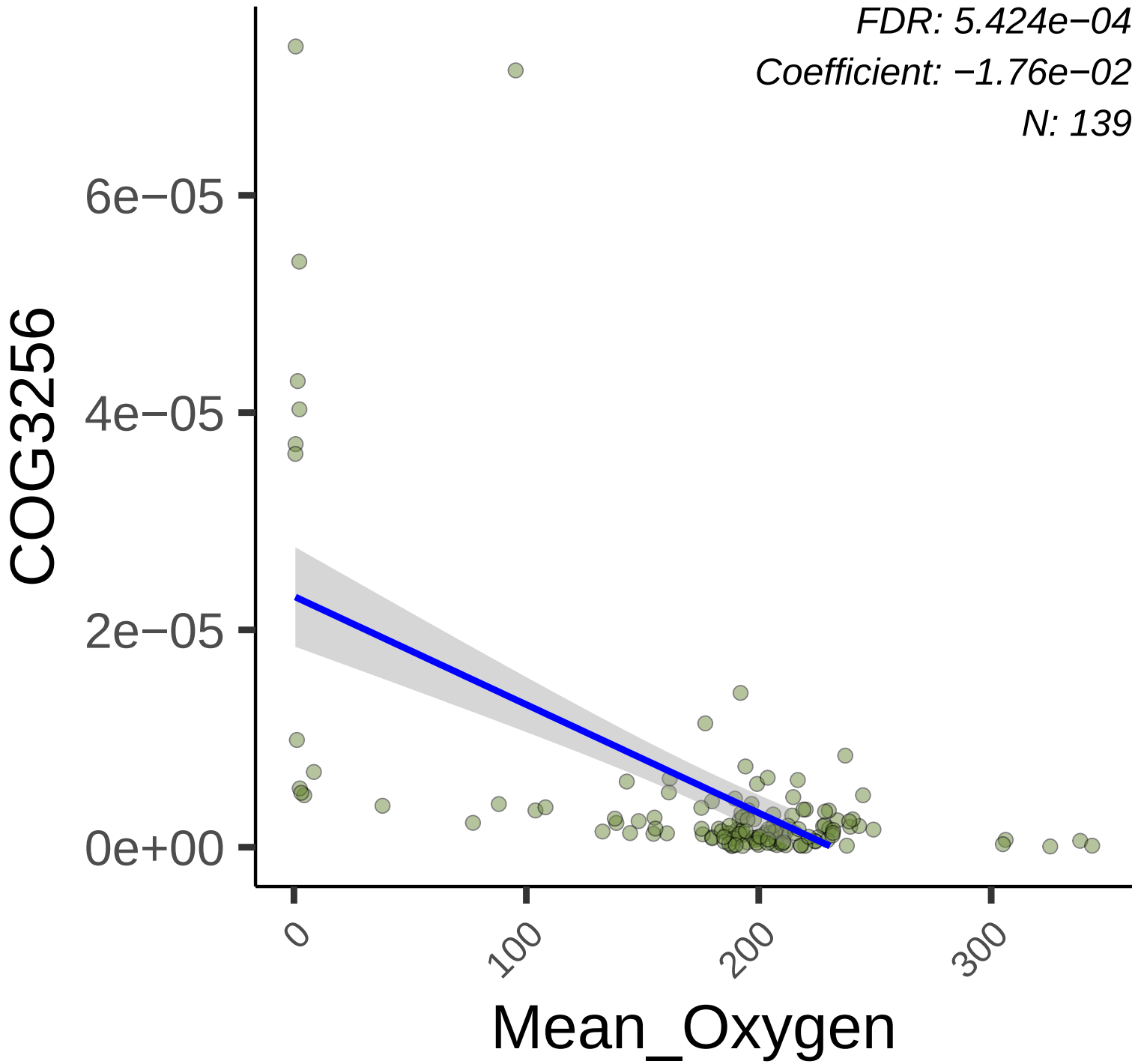
Mean_Oxygen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Coefficient: −1.76e−02
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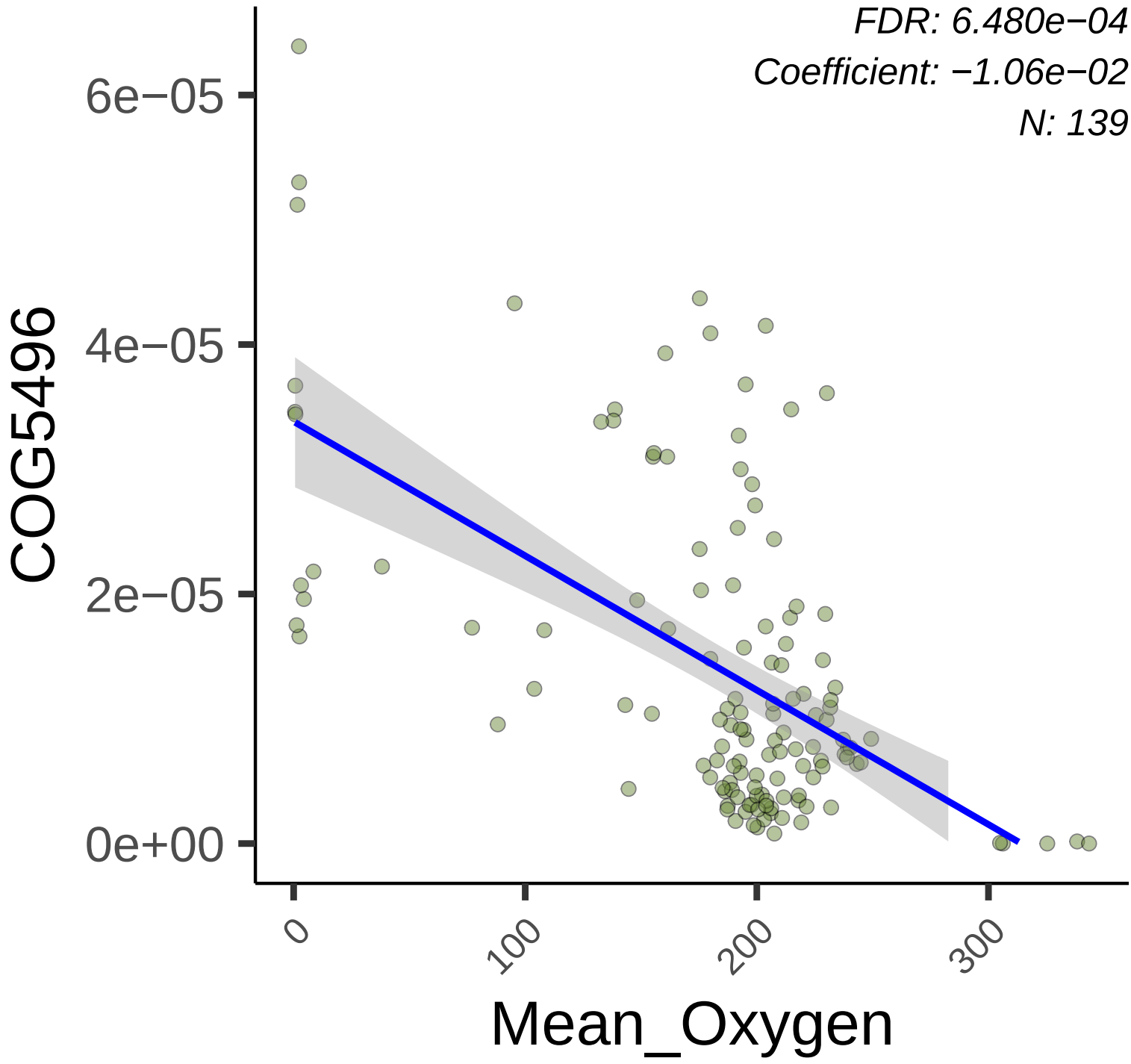
Mean_Oxygen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Coefficient: −1.06e−02
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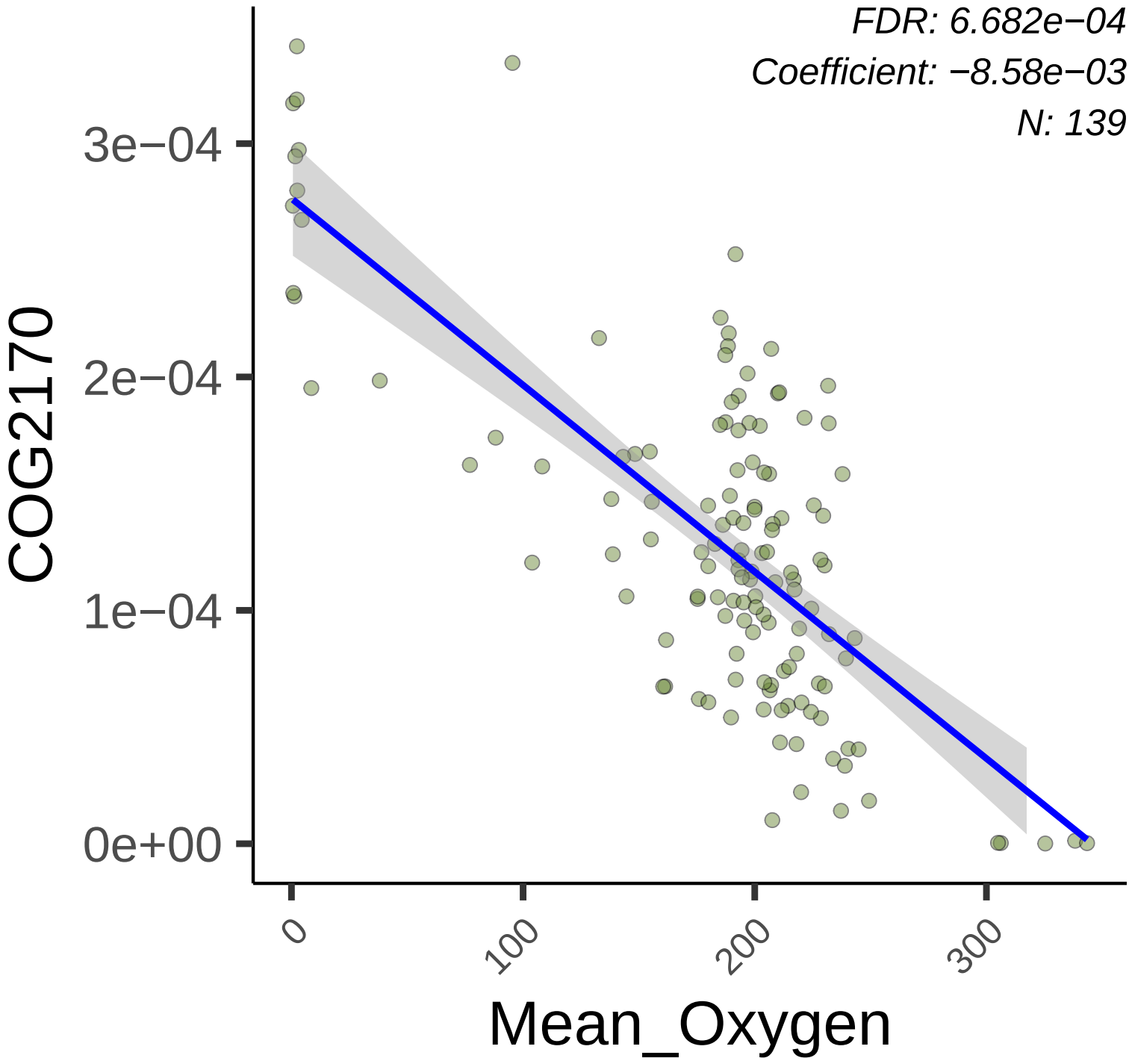
Mean_Oxygen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Coefficient: −8.58e−03
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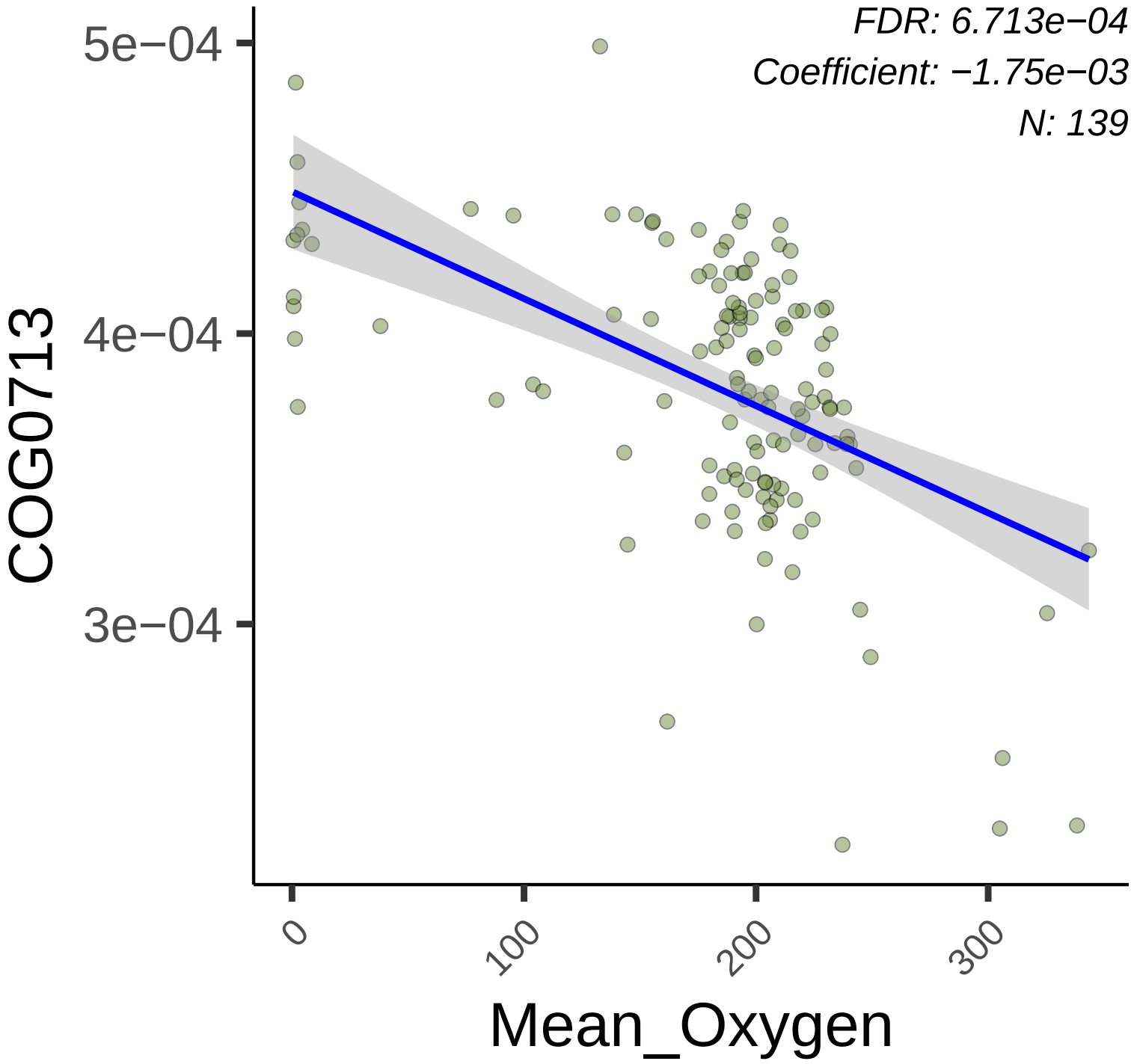
Mean_Oxygen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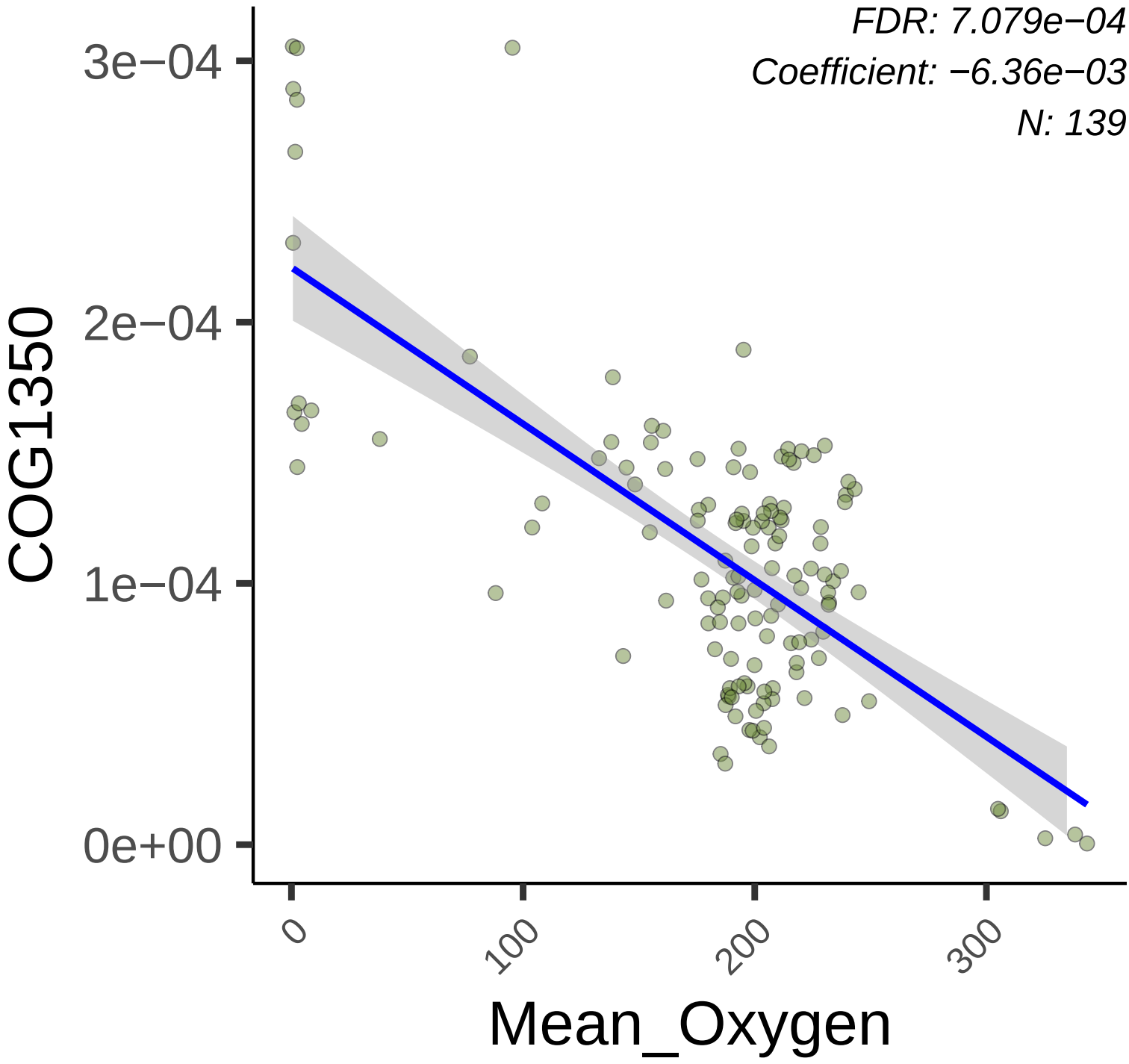
Mean_Oxygen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Coefficient: −6.36e−03
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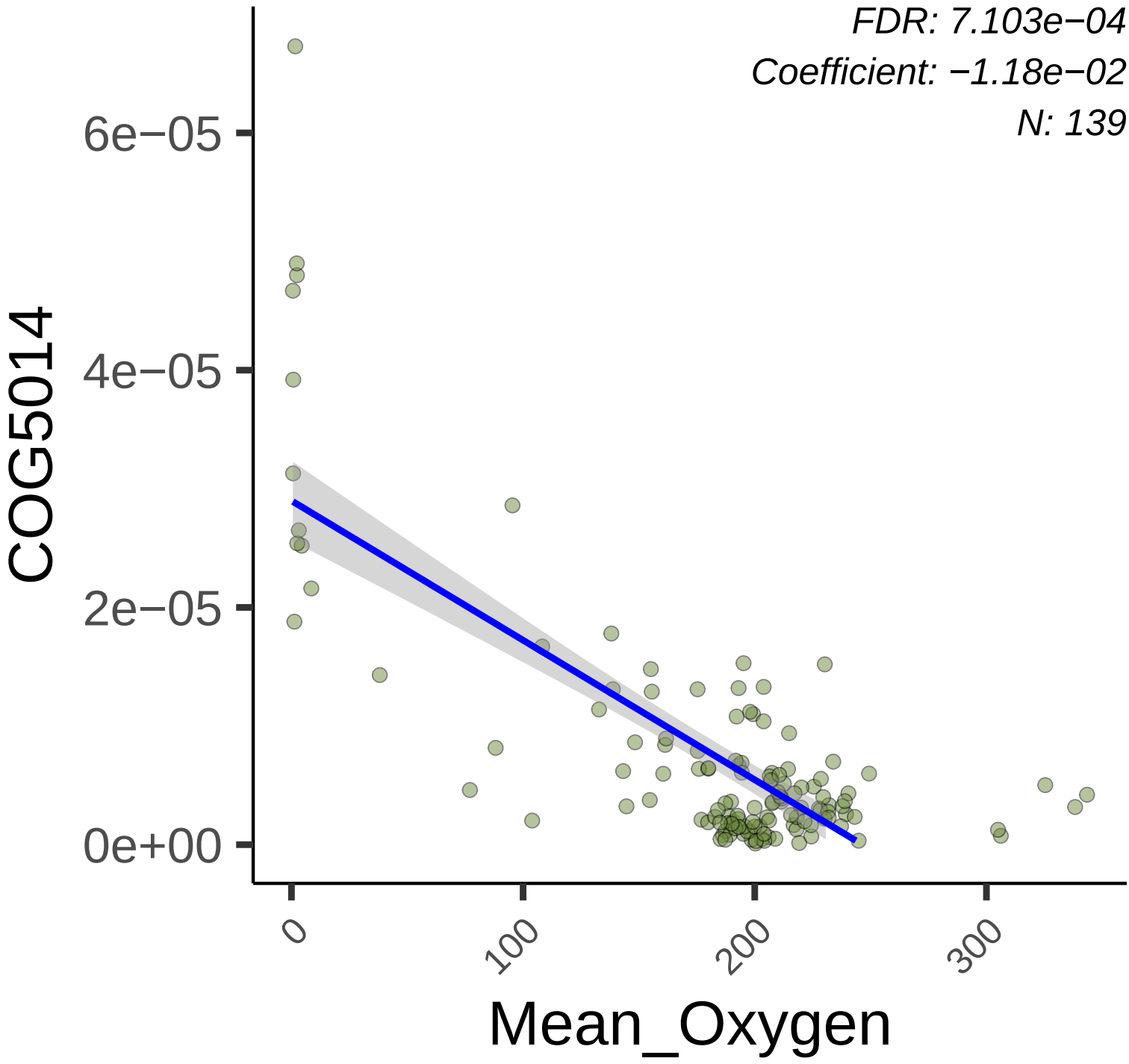
Mean_Oxygen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Coefficient: −1.18e−02
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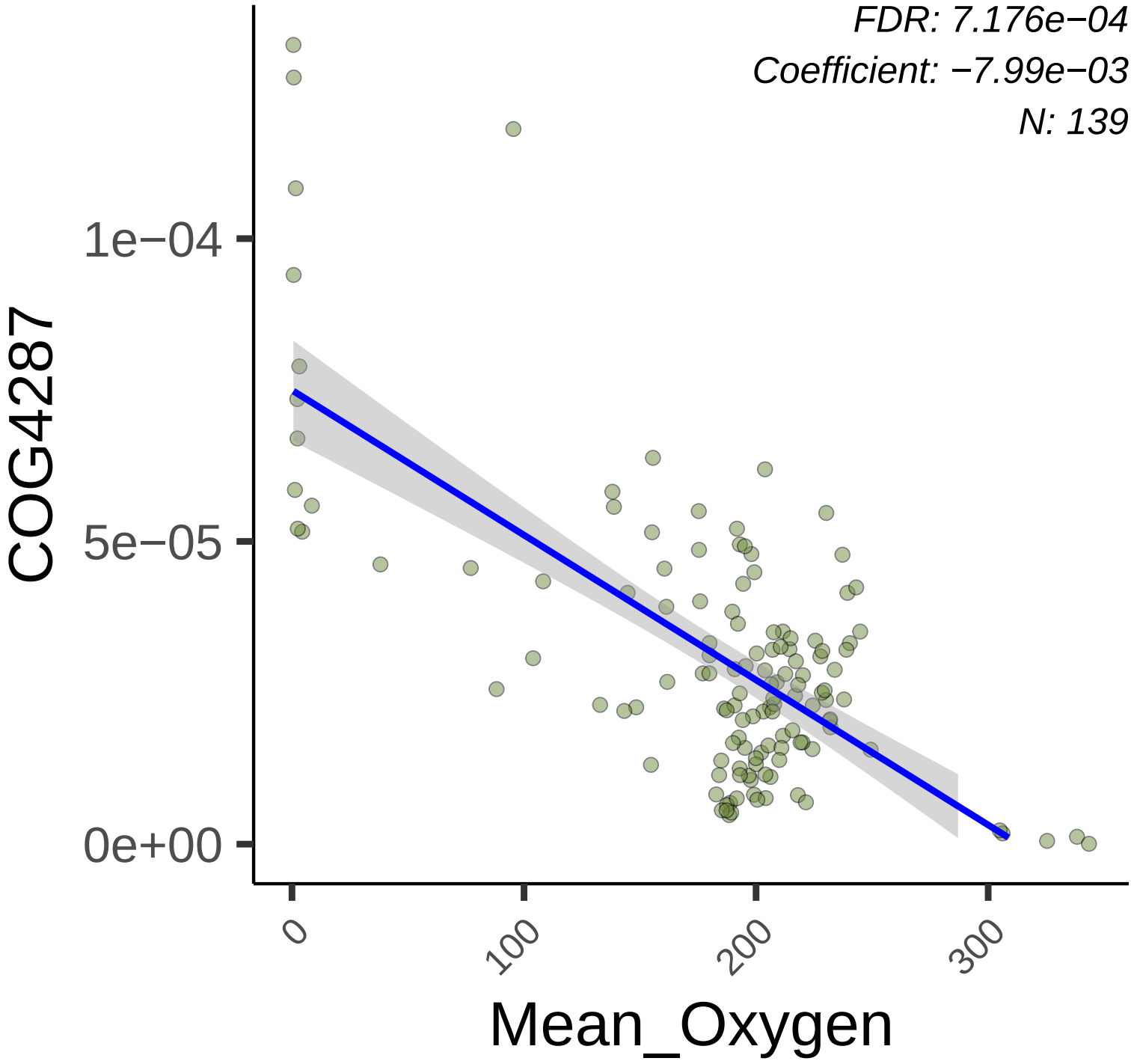
Mean_Oxygen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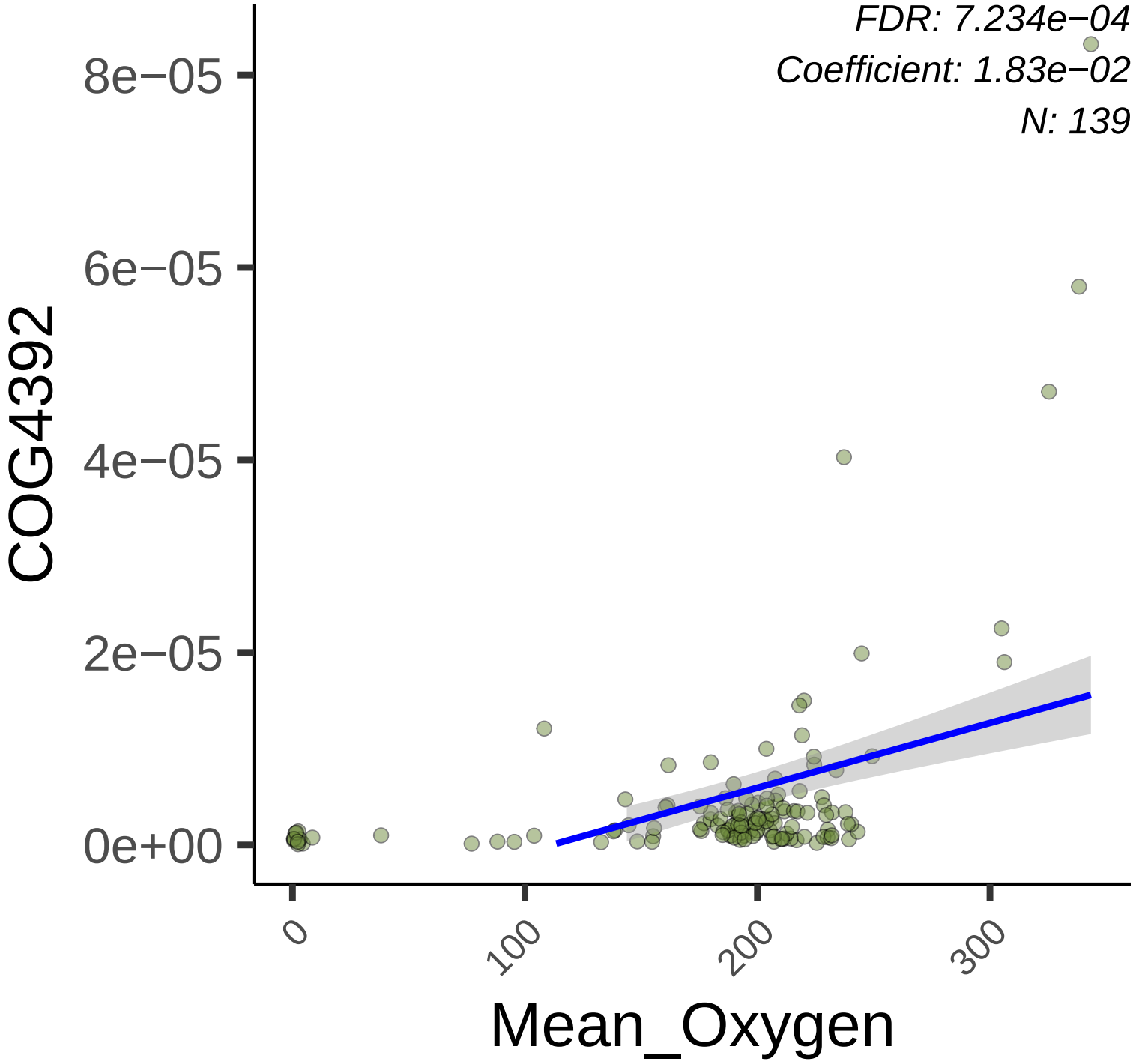
Mean_Oxygen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Coefficient: 1.83e−02
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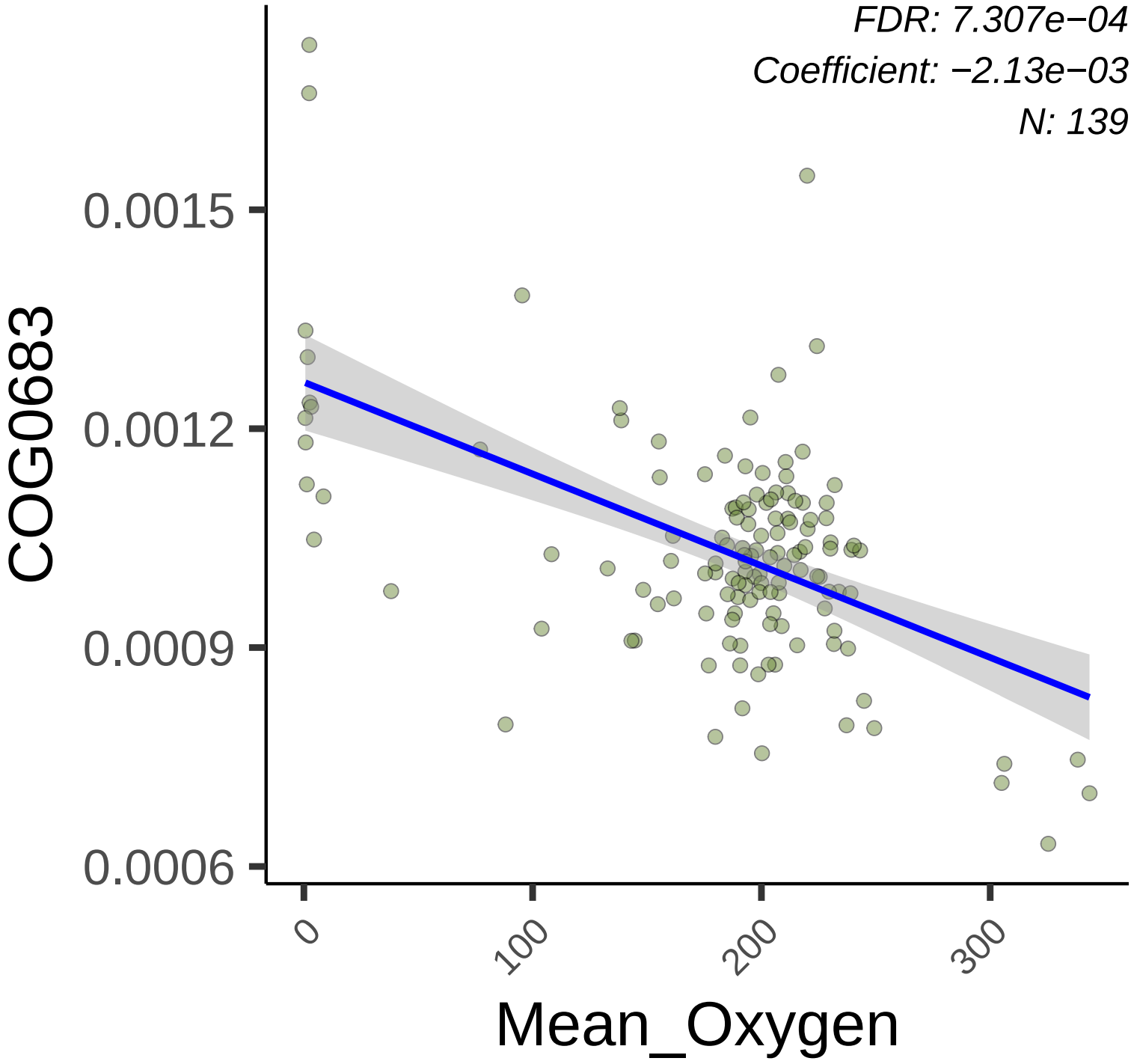
Mean_Oxygen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Coefficient: −2.13e−03
N: 139
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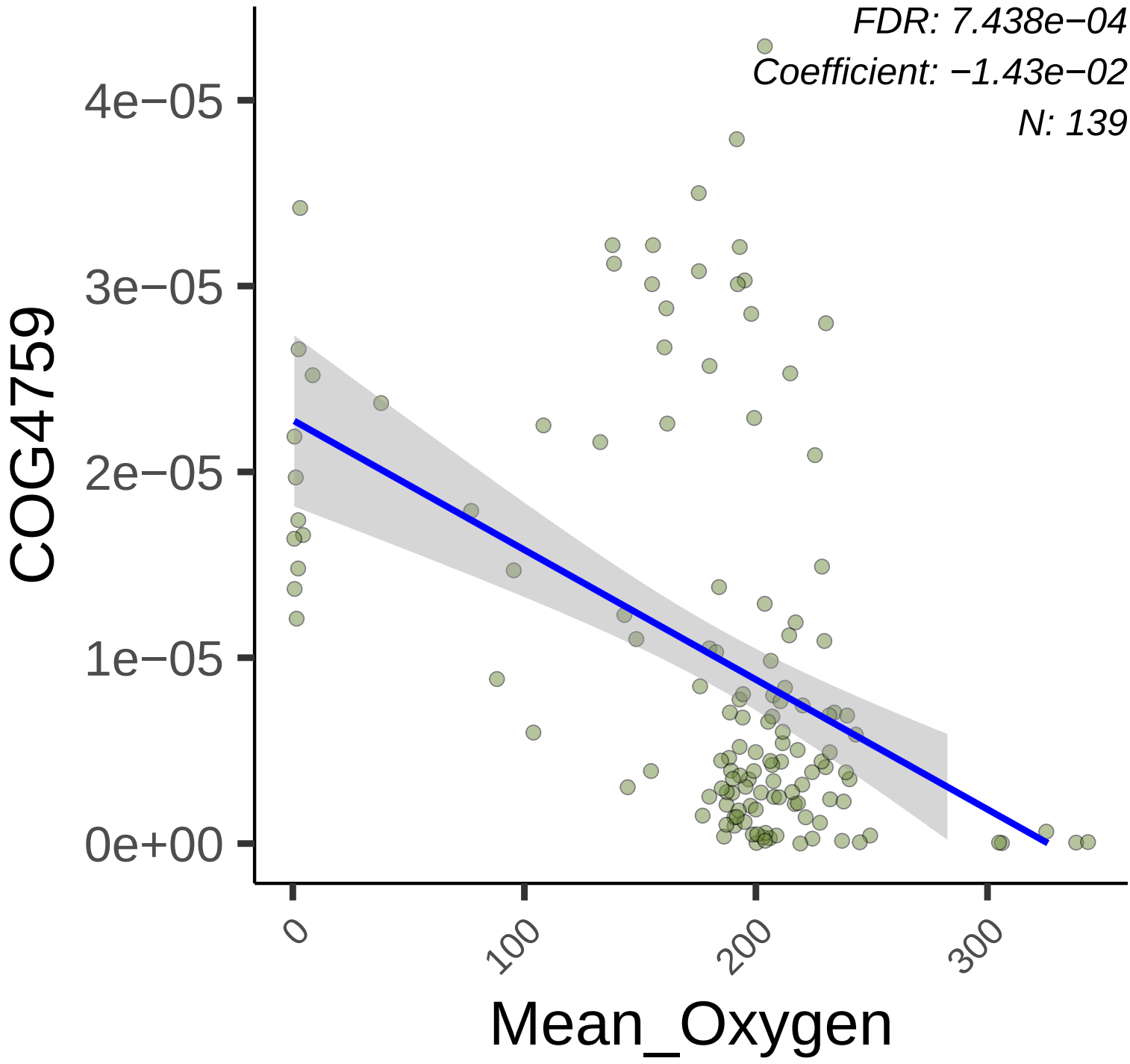
300
Mean_Oxygen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Coefficient: −1.43e−02
N: 139
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1e−05
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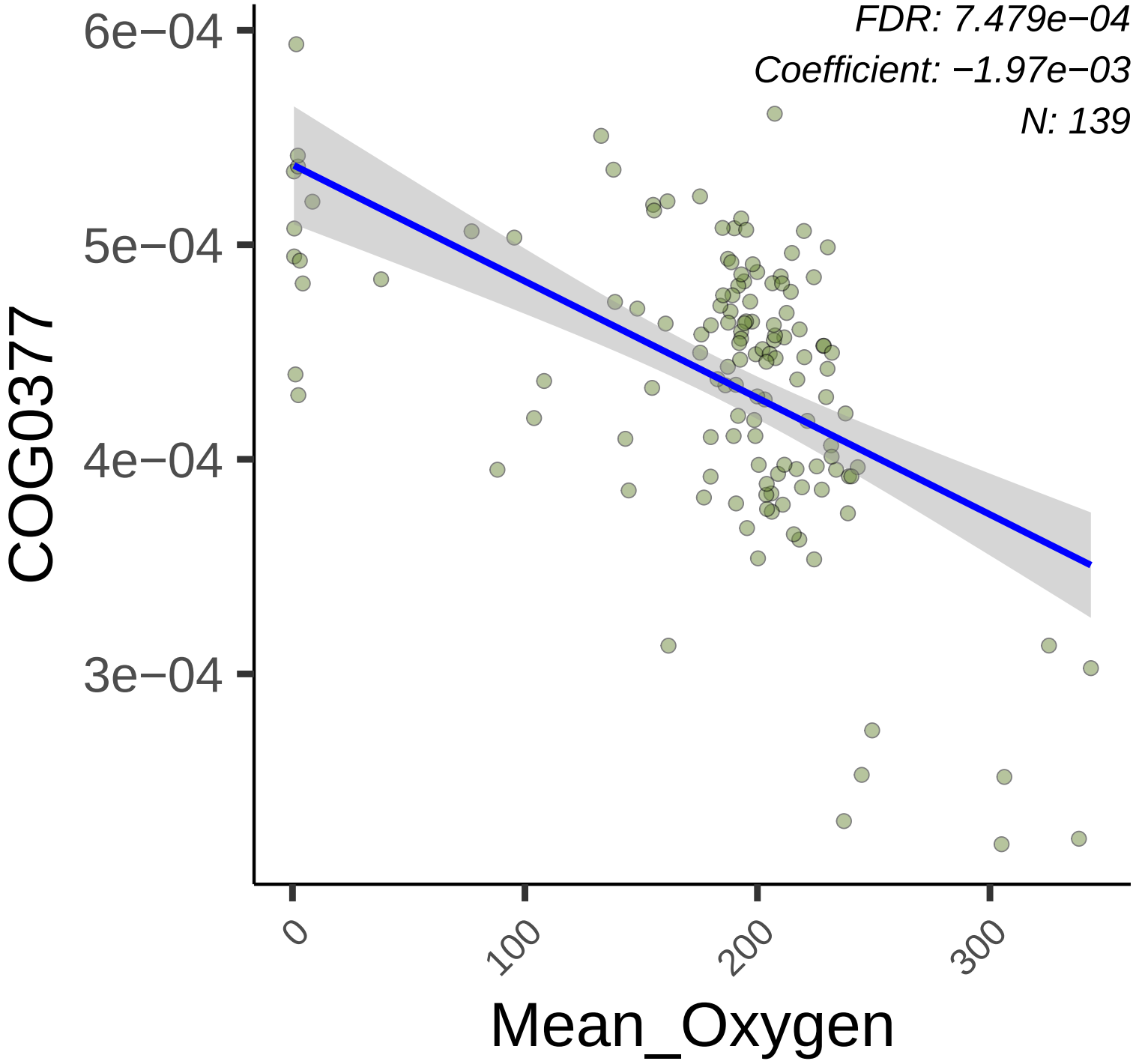
200
300
Mean_Oxygen


FDR: 7.479e−04
Coefficient: −1.97e−03
N: 139
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COG0377
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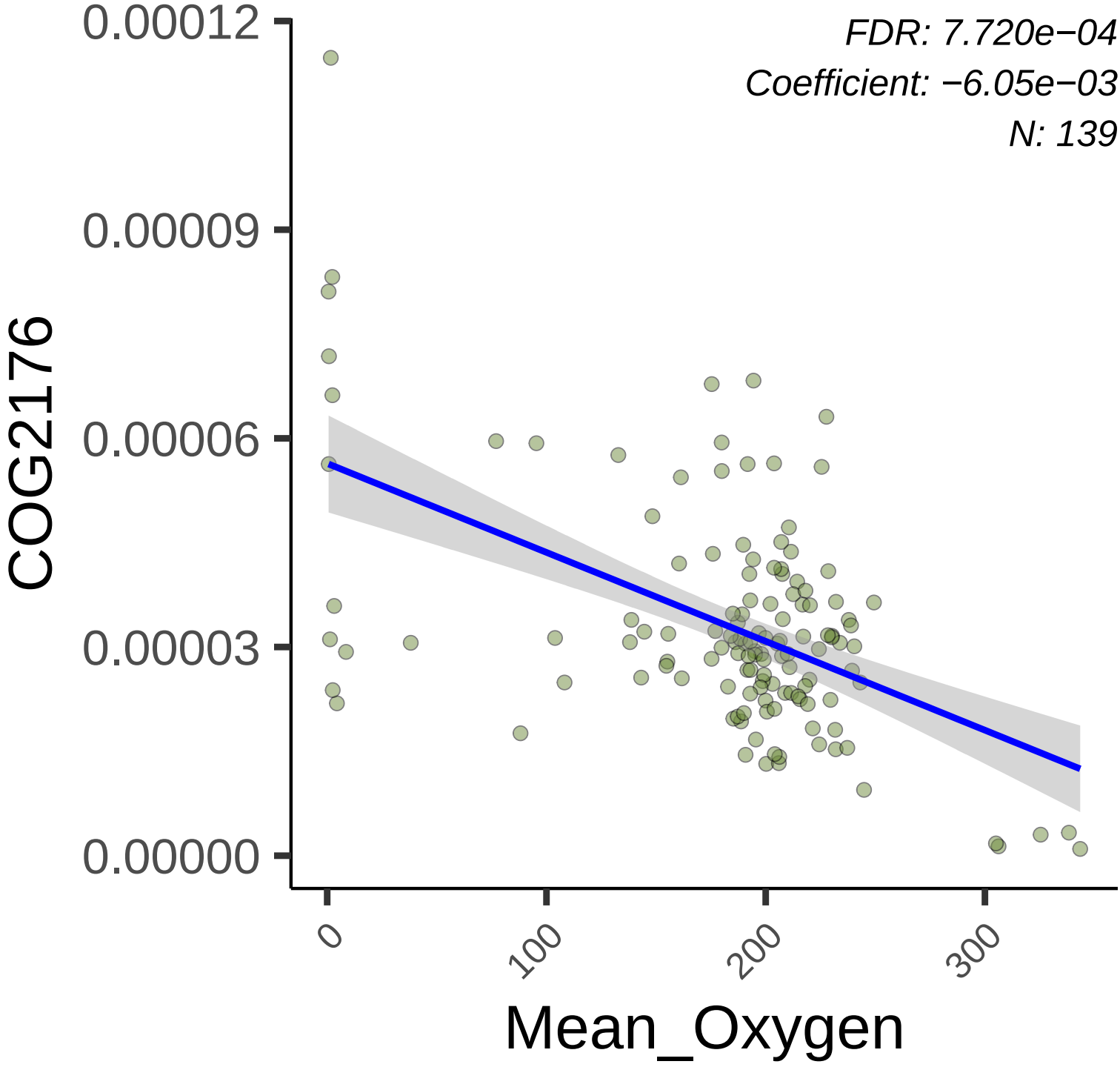
300
Mean_Oxygen


FDR: 7.720e−04
Coefficient: −6.05e−03
N: 139
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COG2176
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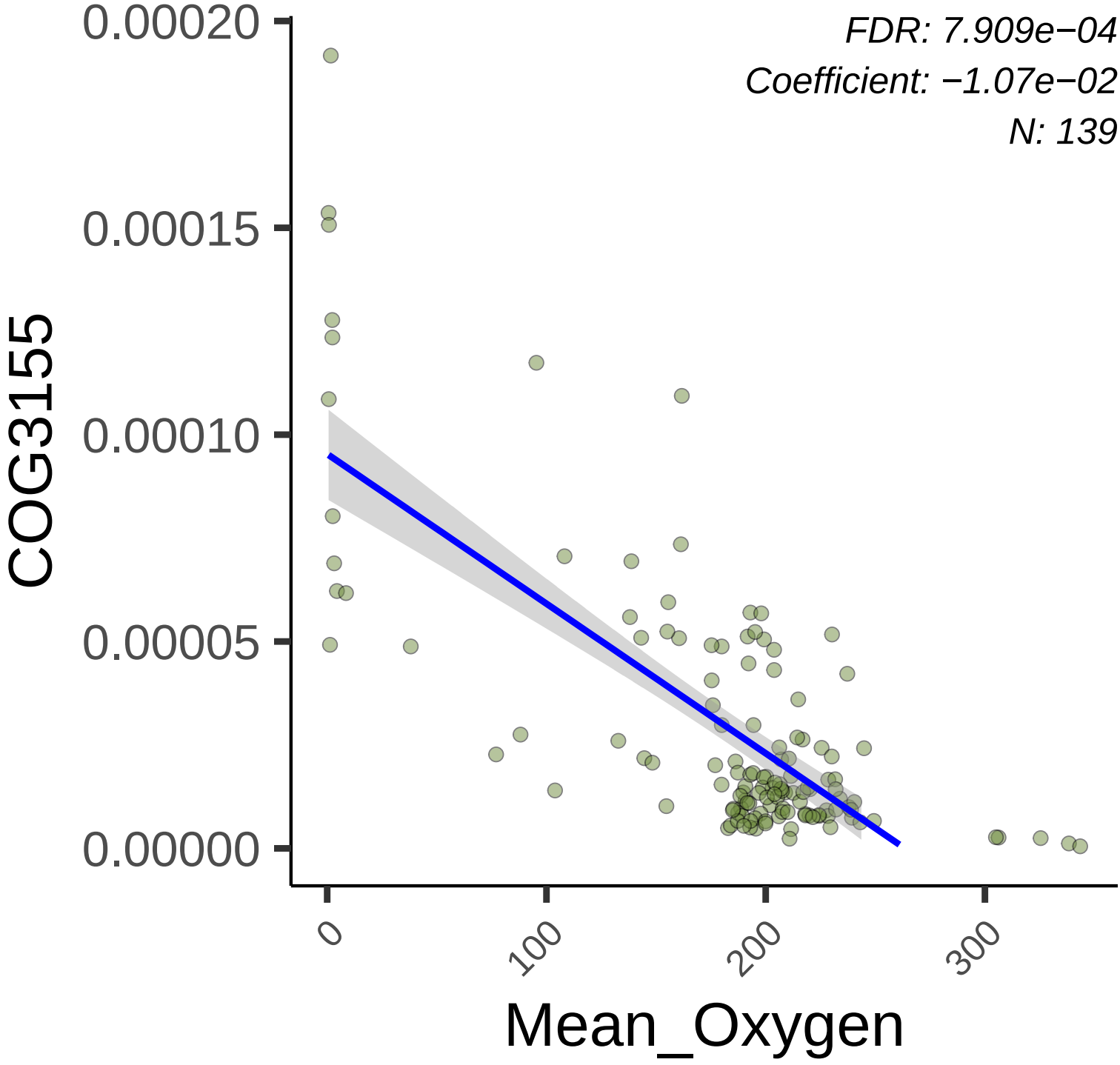
Mean_Oxygen


FDR: 7.909e−04
Coefficient: −1.07e−02
N: 139
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COG3155
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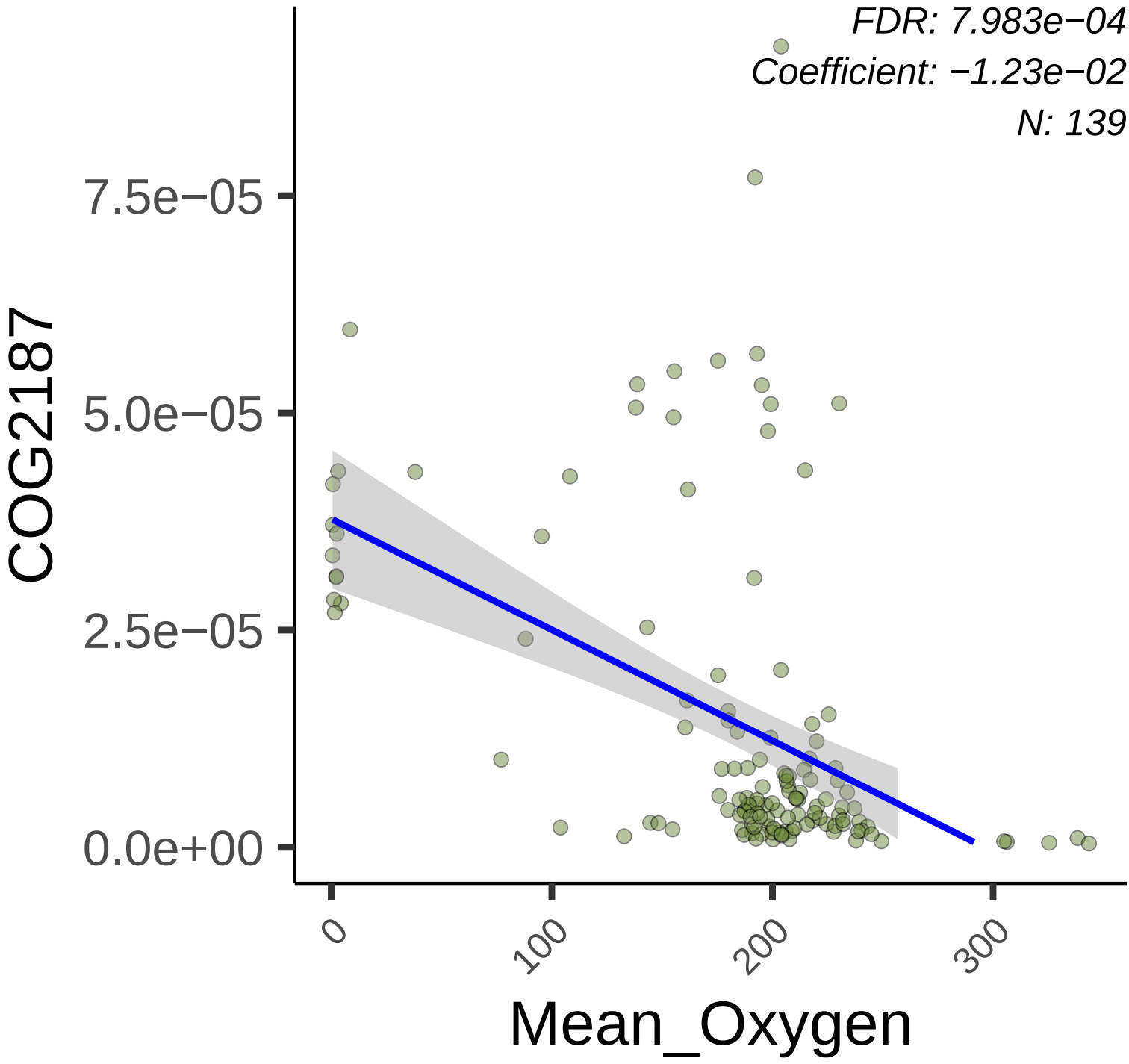
200
300
Mean_Oxygen


FDR: 7.983e−04
Coefficient: −1.23e−02
N: 139
COG2187
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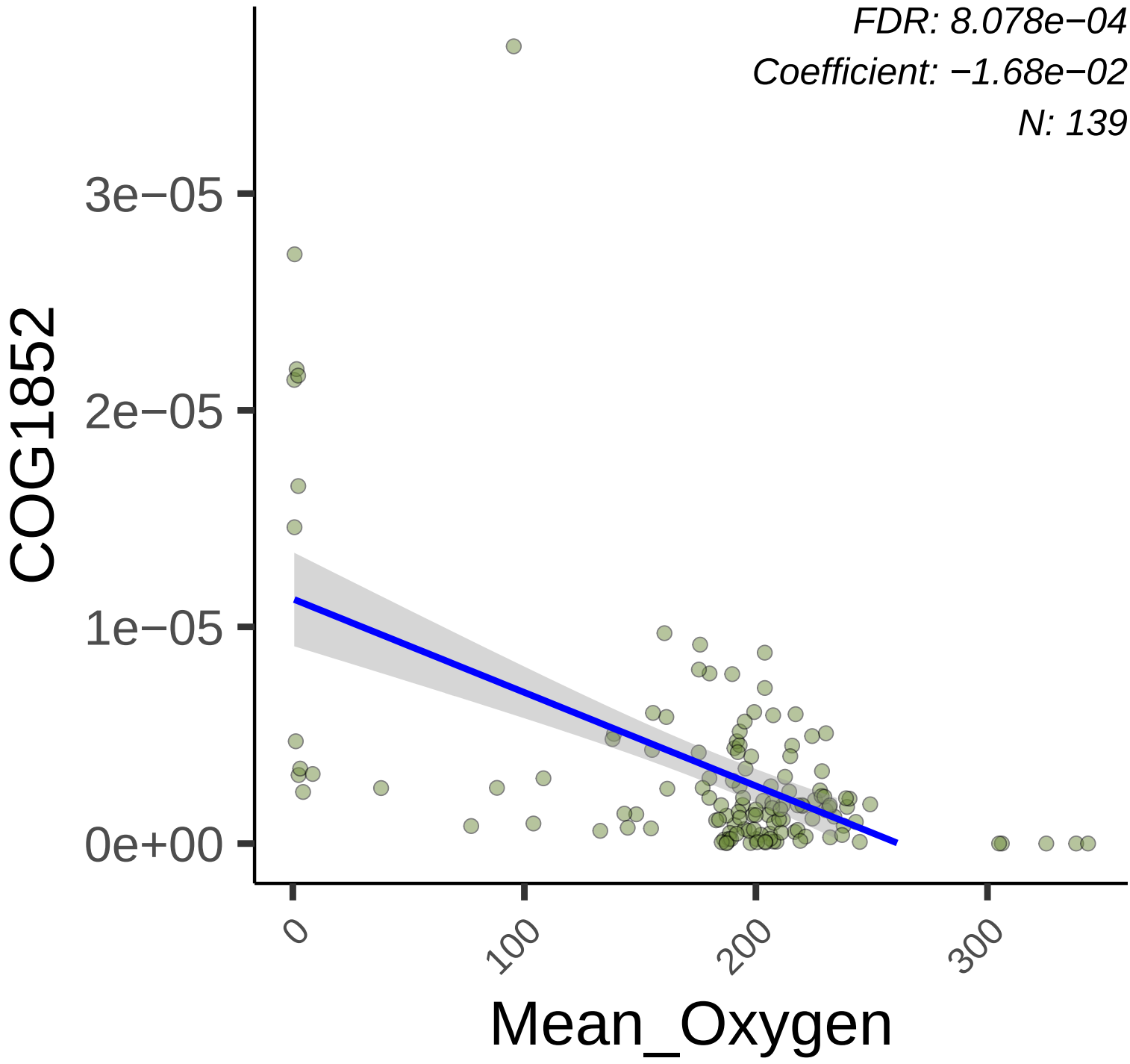
Mean_Oxygen


FDR: 8.078e−04
Coefficient: −1.68e−02
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COG1852
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0e+00
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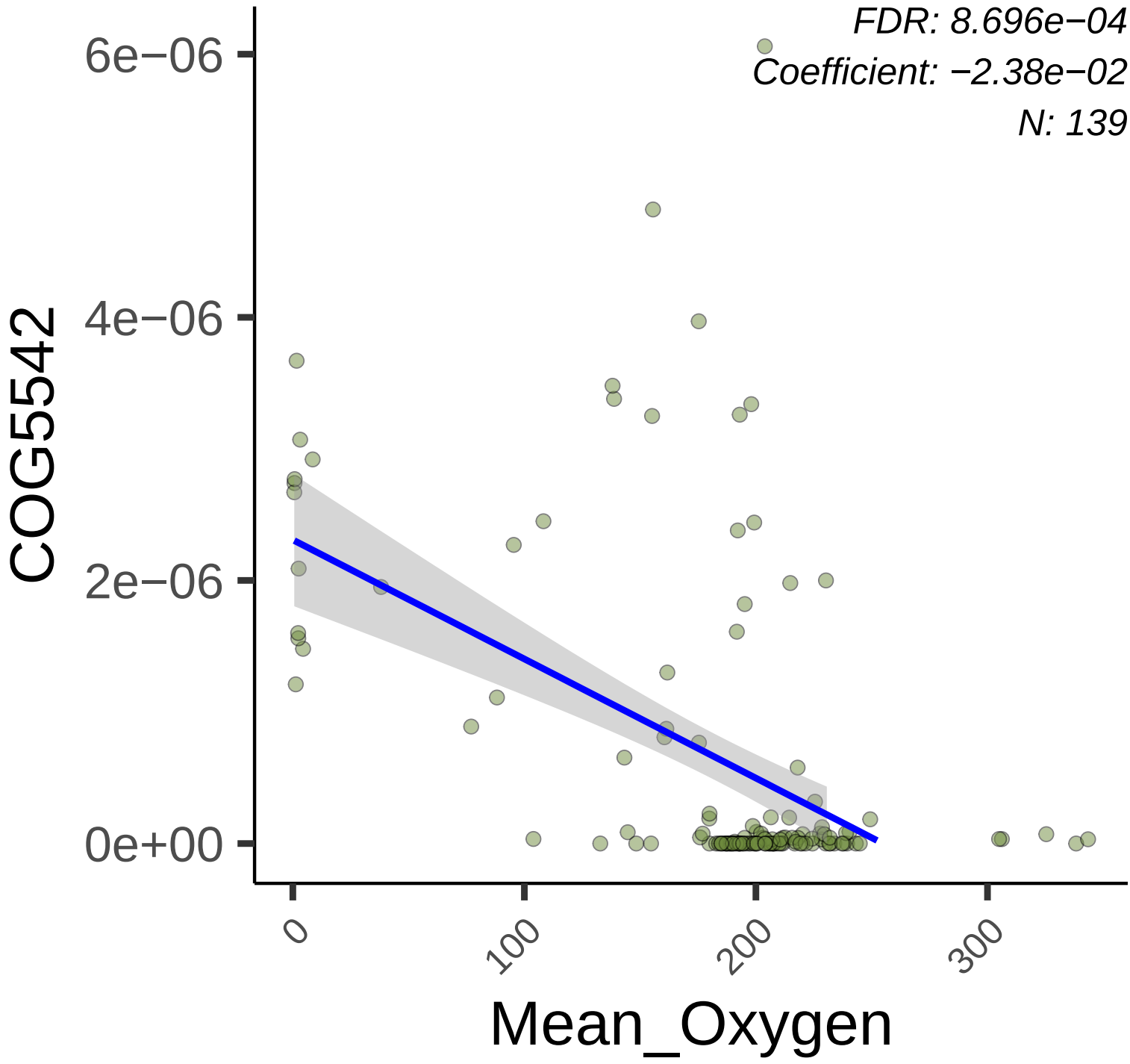
Mean_Oxygen


FDR: 8.696e−04
Coefficient: −2.38e−02
N: 139
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COG5542
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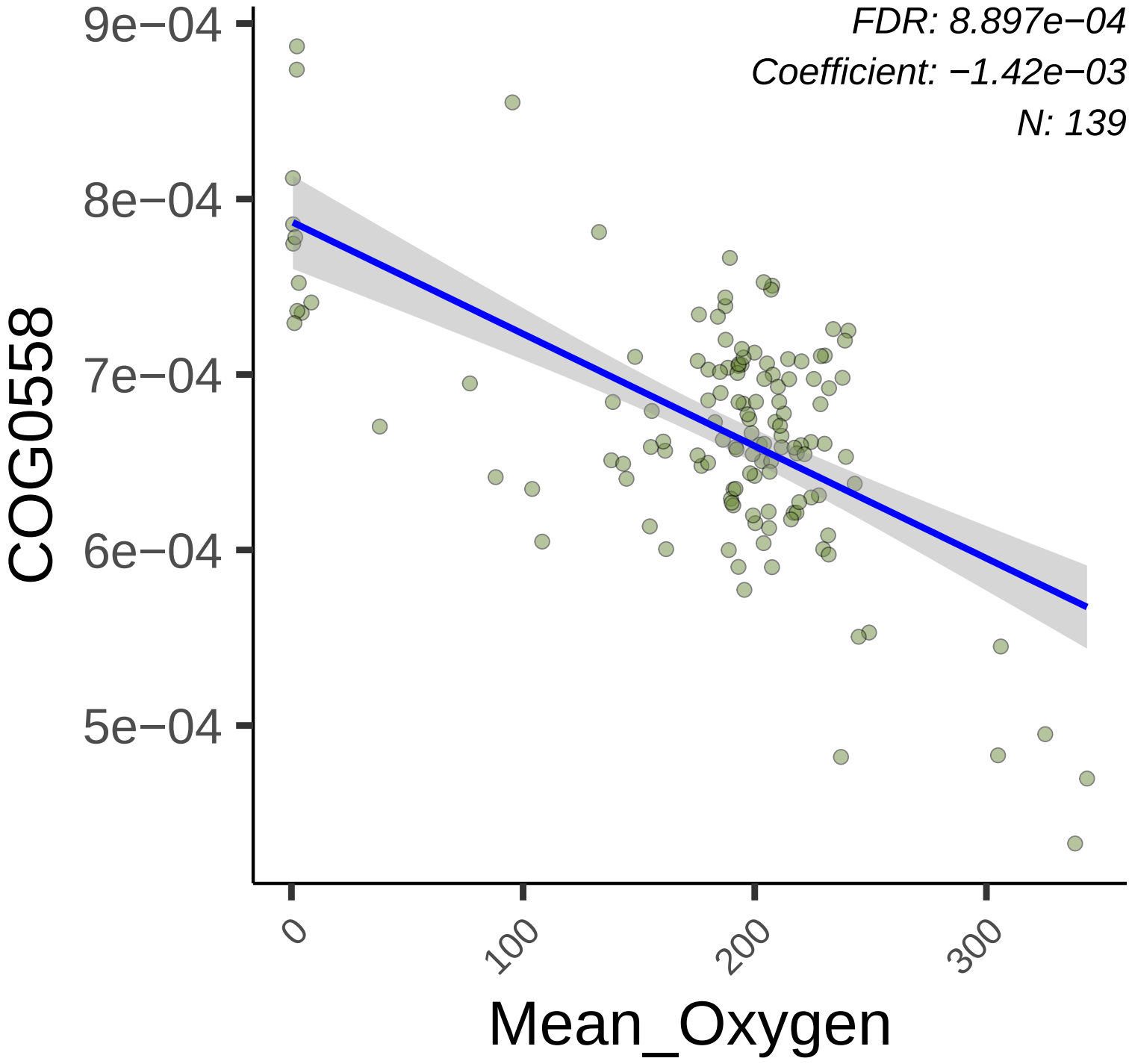
300
Mean_Oxygen


FDR: 8.897e−04
Coefficient: −1.42e−03
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7e−04
6e−04
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COG0558
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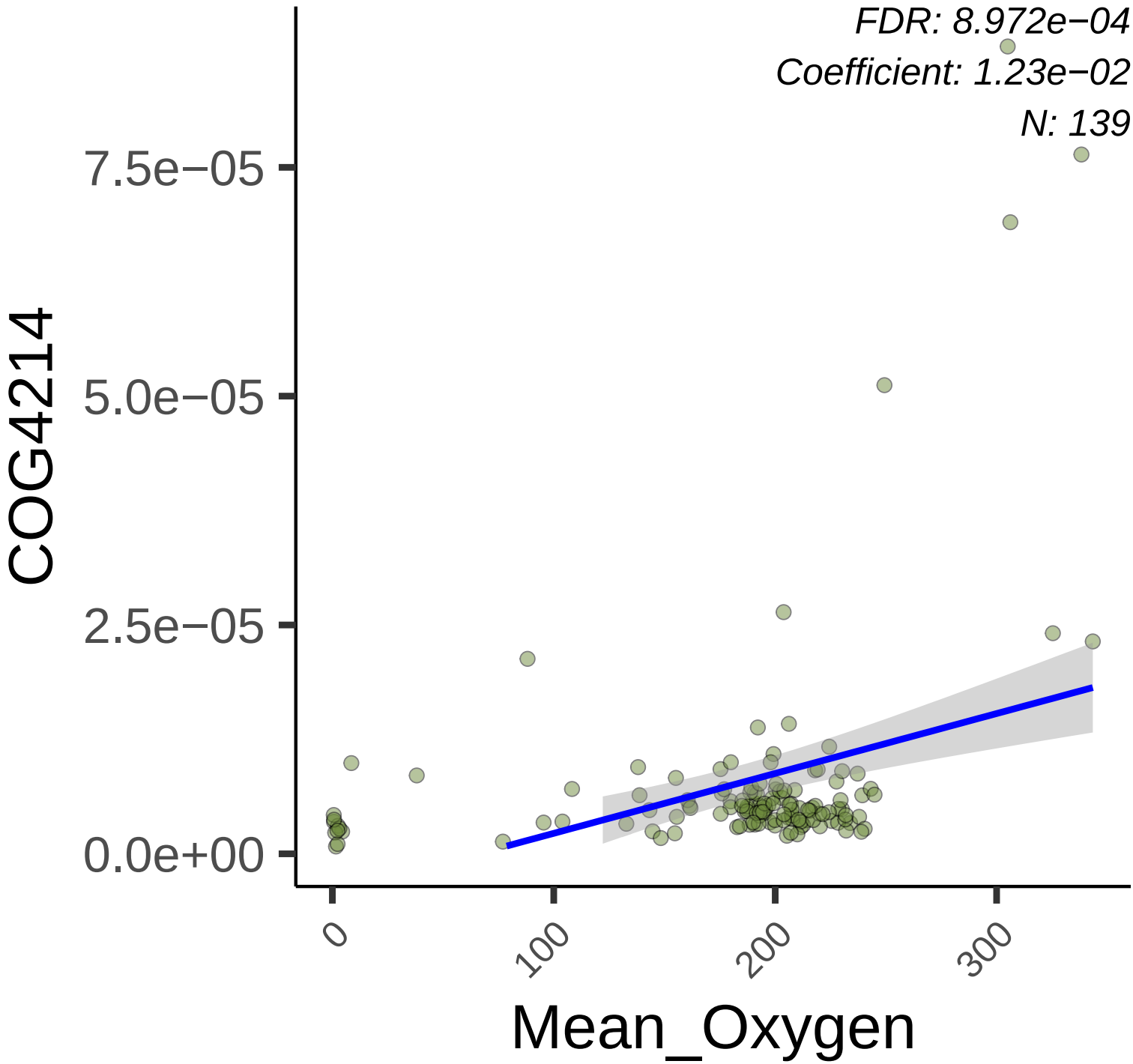
200
300
Mean_Oxygen


FDR: 8.972e−04
Coefficient: 1.23e−02
N: 139
COG4214
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5.0e−05
2.5e−05
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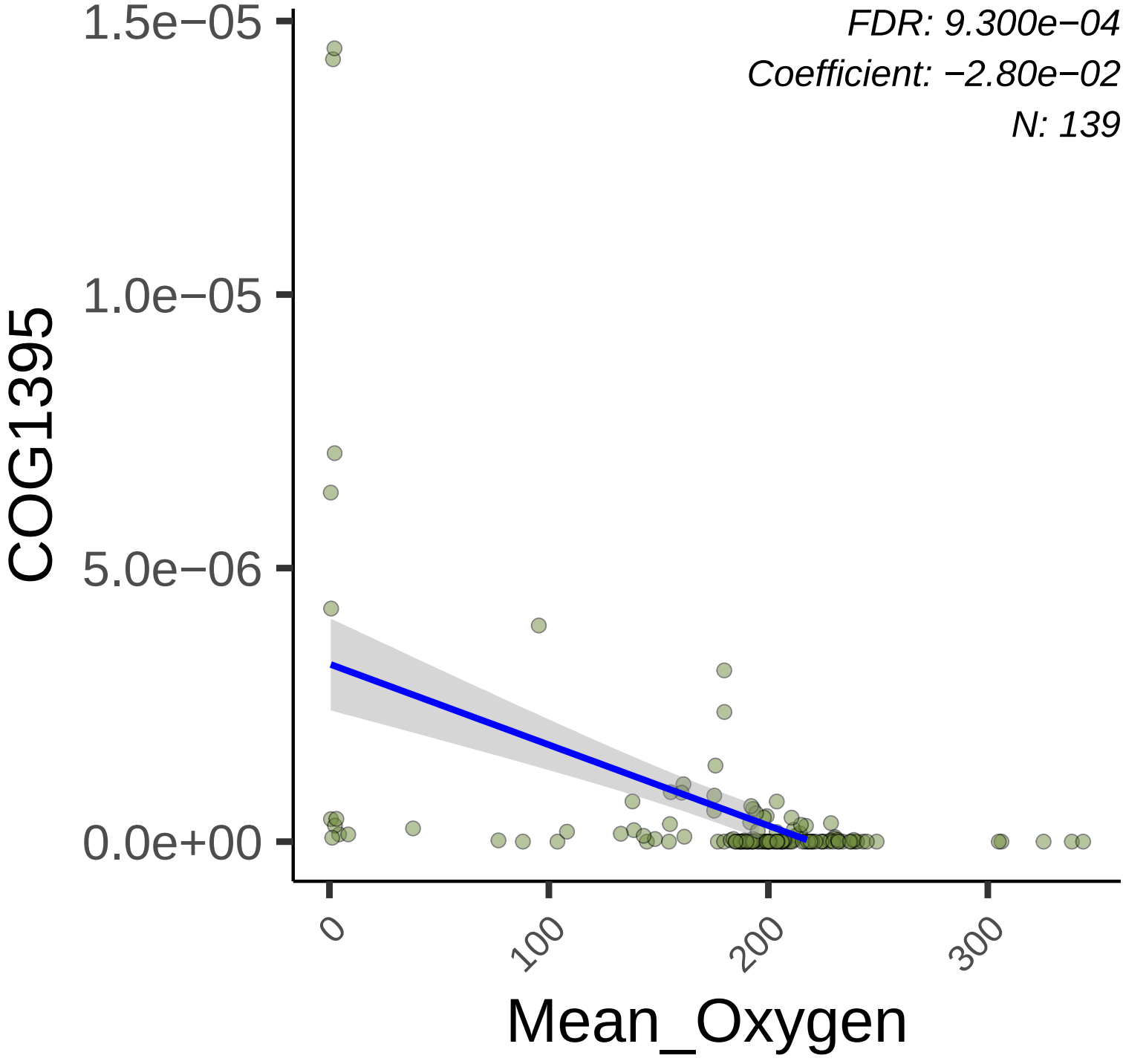
200
300
Mean_Oxygen


FDR: 9.300e−04
Coefficient: −2.80e−02
N: 139
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5.0e−06
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COG1395
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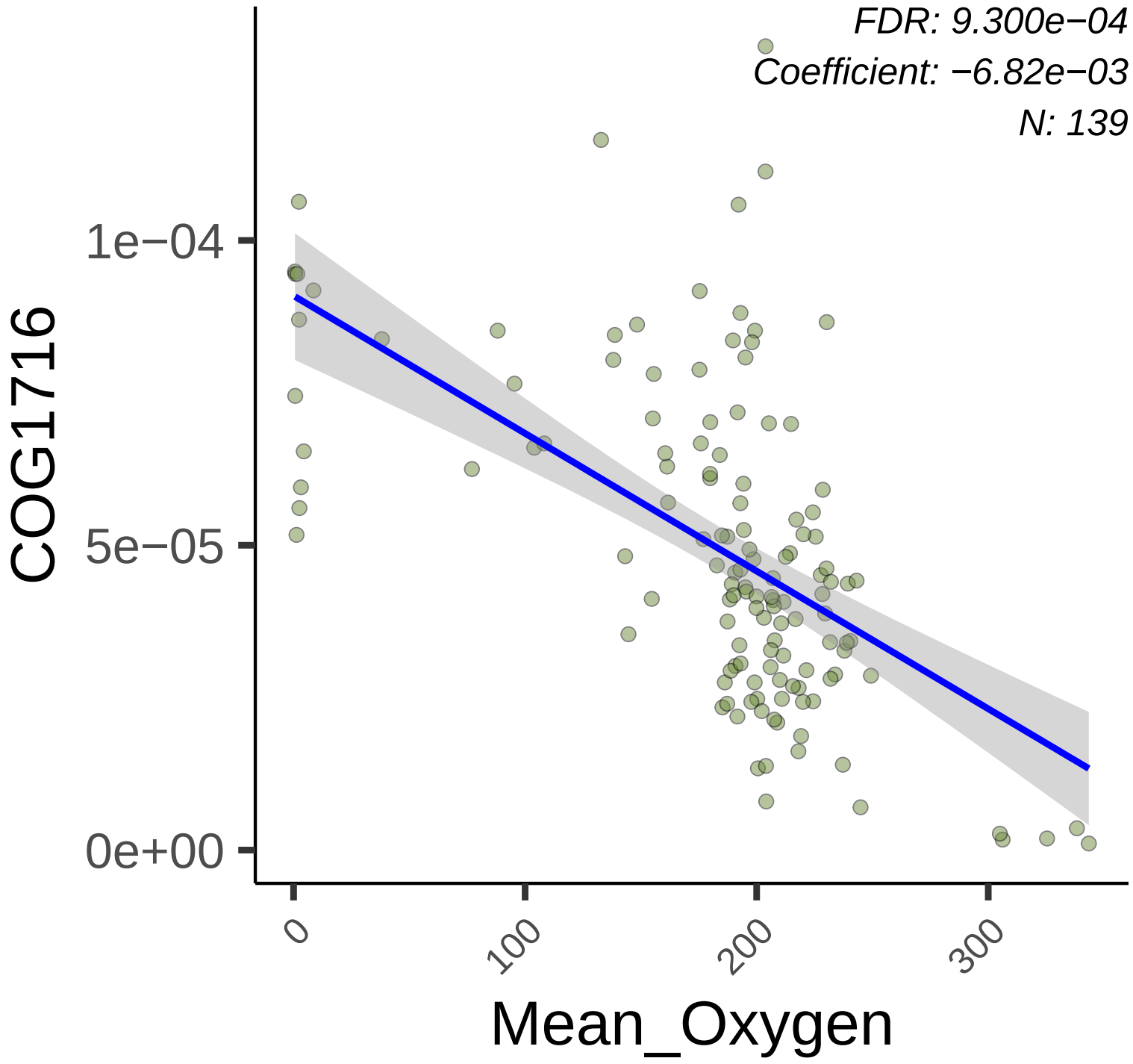
300
Mean_Oxygen


FDR: 9.300e−04
Coefficient: −6.82e−03
N: 139
COG1716
1e−04
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0e+00
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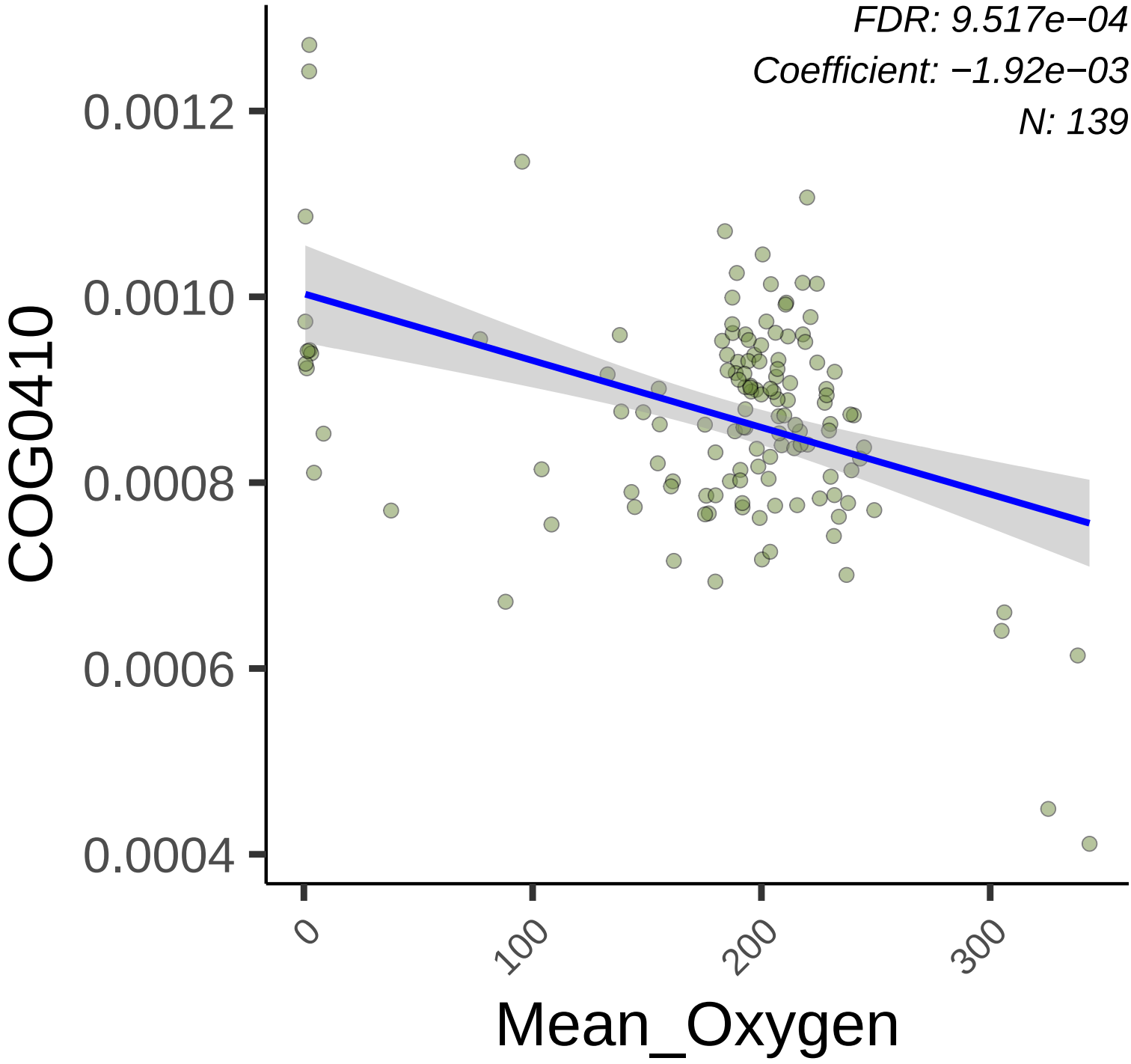
300
Mean_Oxygen


FDR: 9.517e−04
Coefficient: −1.92e−03
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COG0410
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0.0008
0.0006
0.0004
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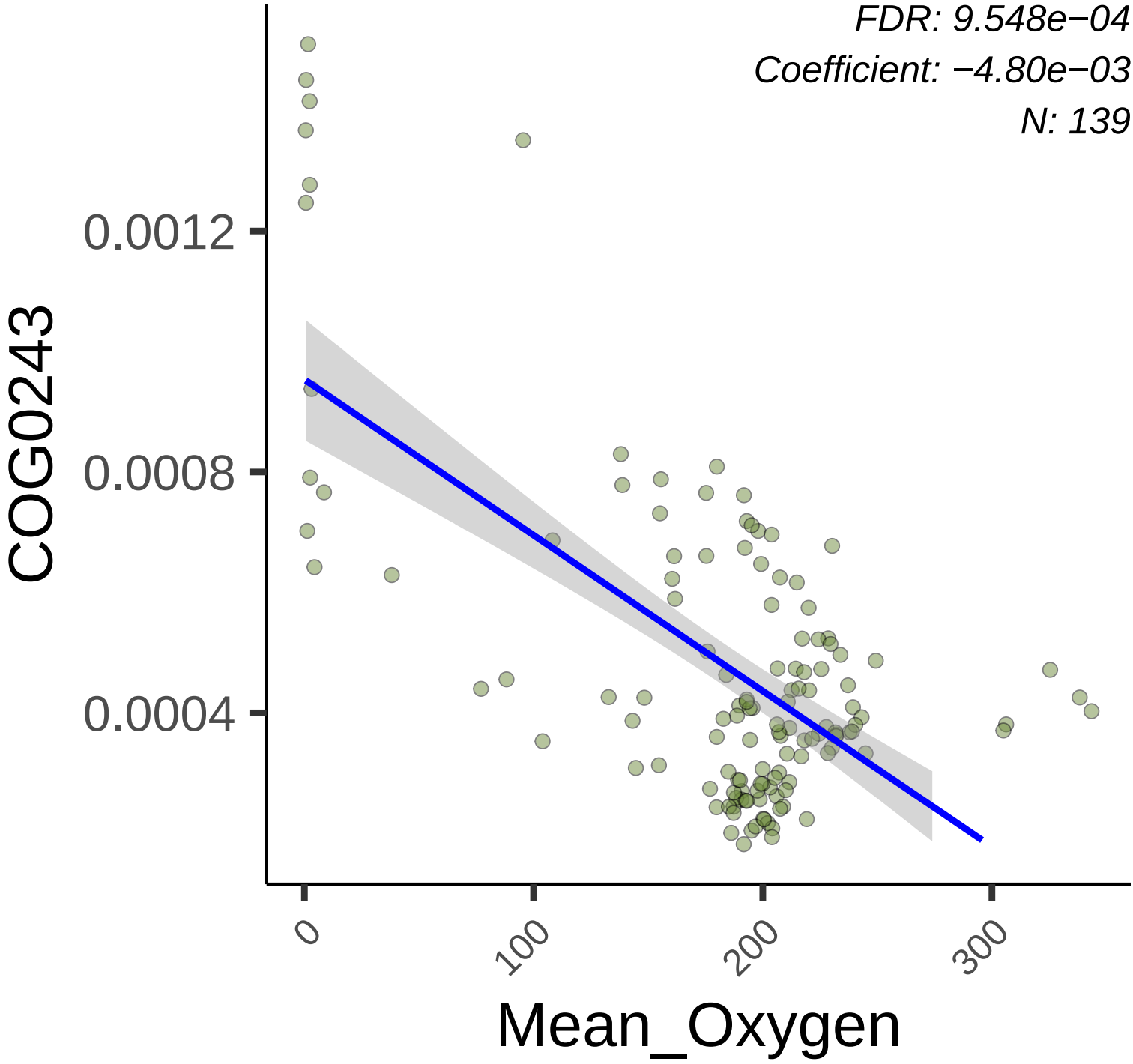
200
300
Mean_Oxygen


FDR: 9.548e−04
Coefficient: −4.80e−03
N: 139
COG0243
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0.0004
0
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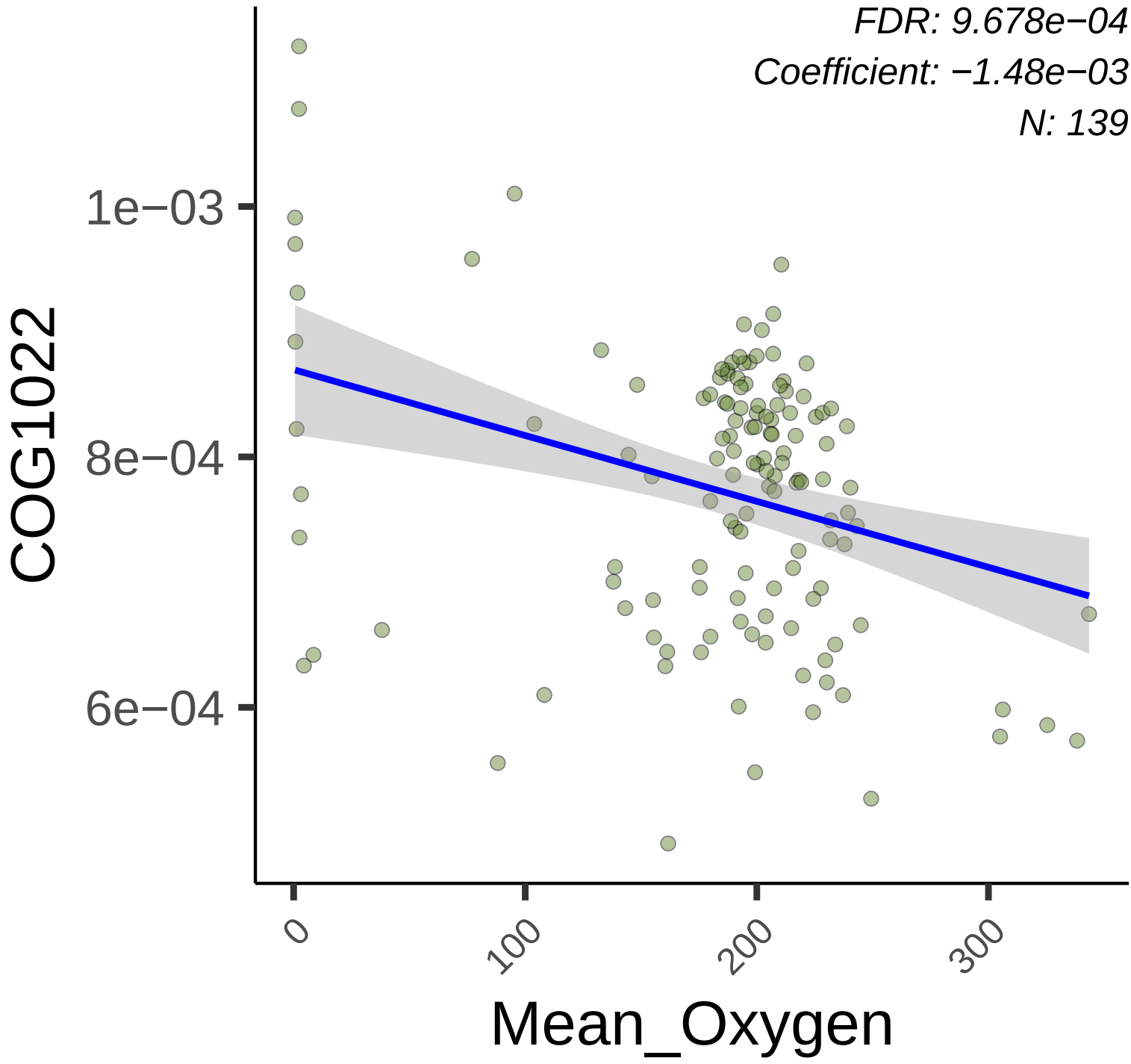
300
Mean_Oxygen


FDR: 9.678e−04
Coefficient: −1.48e−03
N: 139
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8e−04
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COG1022
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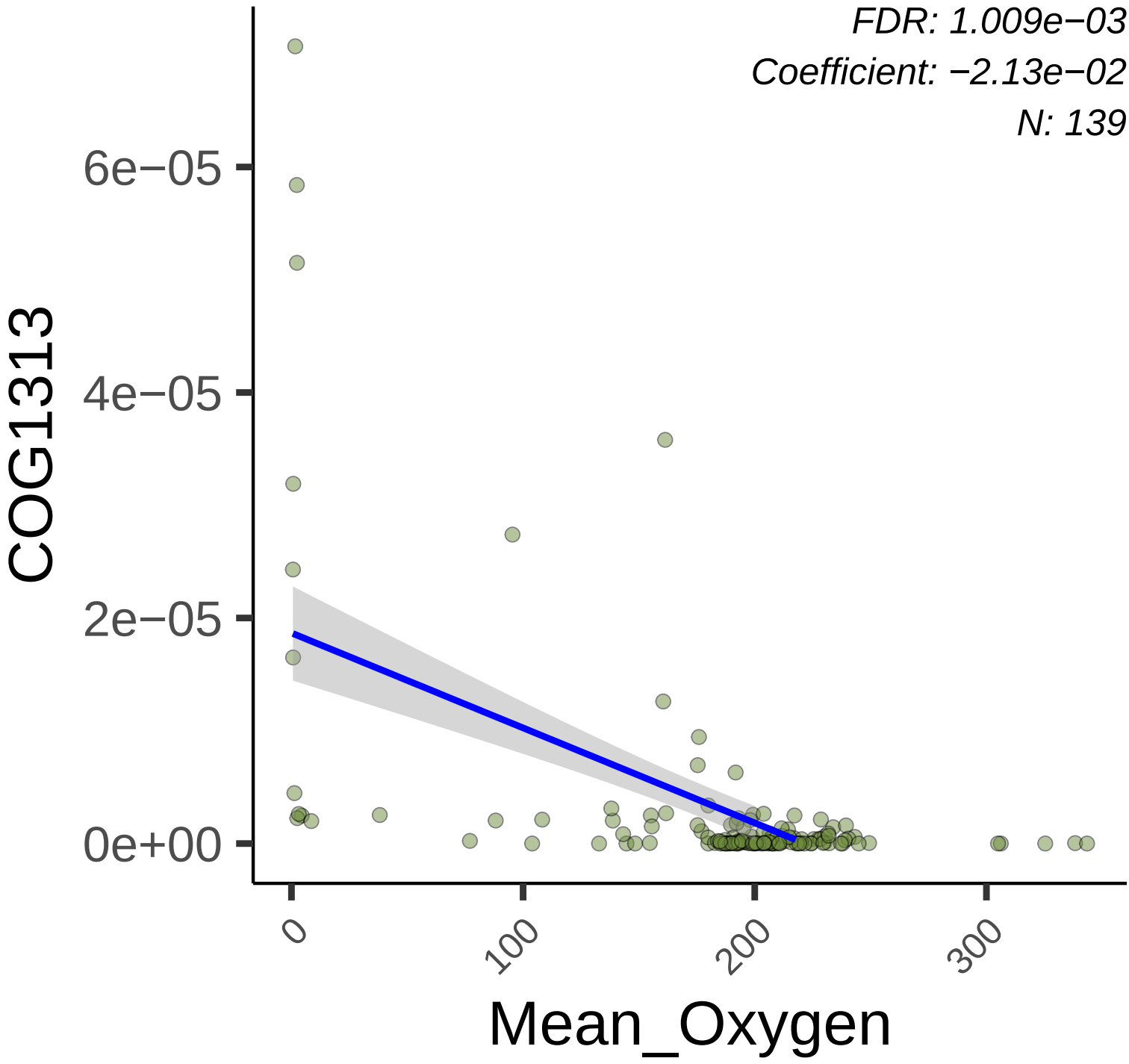
Mean_Oxygen


FDR: 1.009e−03
Coefficient: −2.13e−02
N: 139
COG1313
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4e−05
2e−05
0e+00
0
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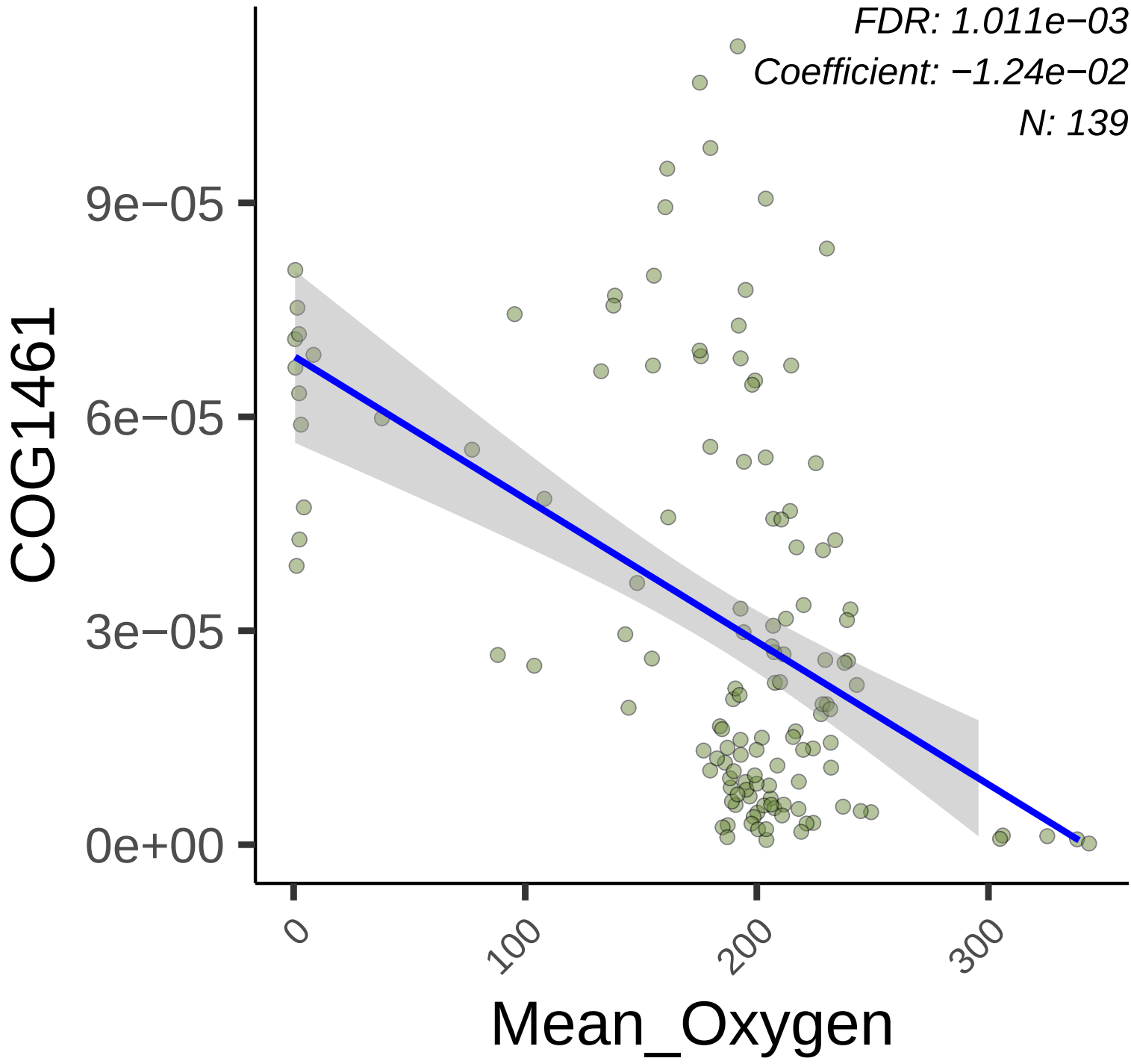
200
300
Mean_Oxygen


FDR: 1.011e−03
Coefficient: −1.24e−02
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COG1461
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6e−05
3e−05
0e+00
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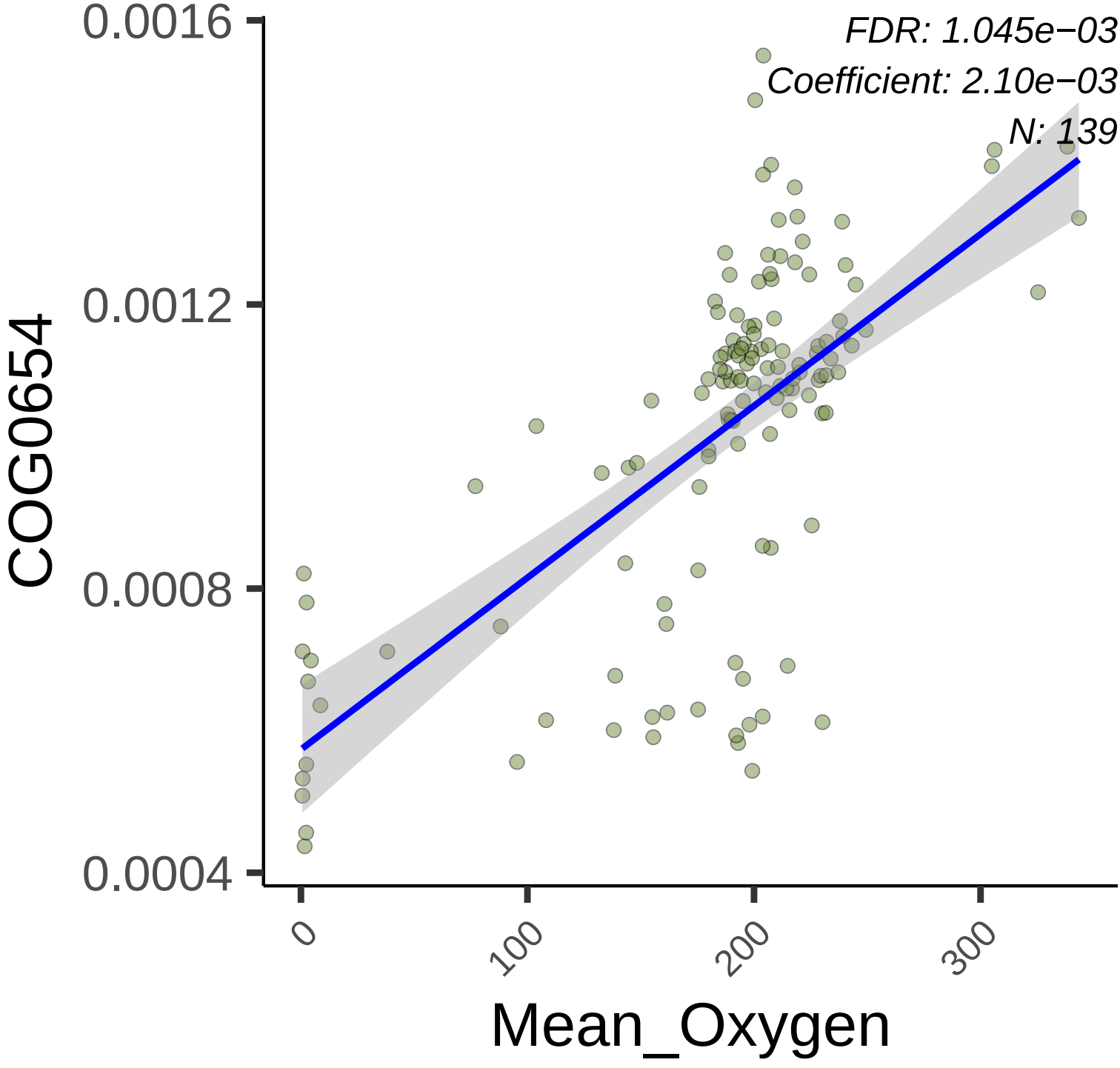
200
300
Mean_Oxygen


FDR: 1.045e−03
Coefficient: 2.10e−03
N: 139
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0.0012
0.0008
0.0004
COG0654
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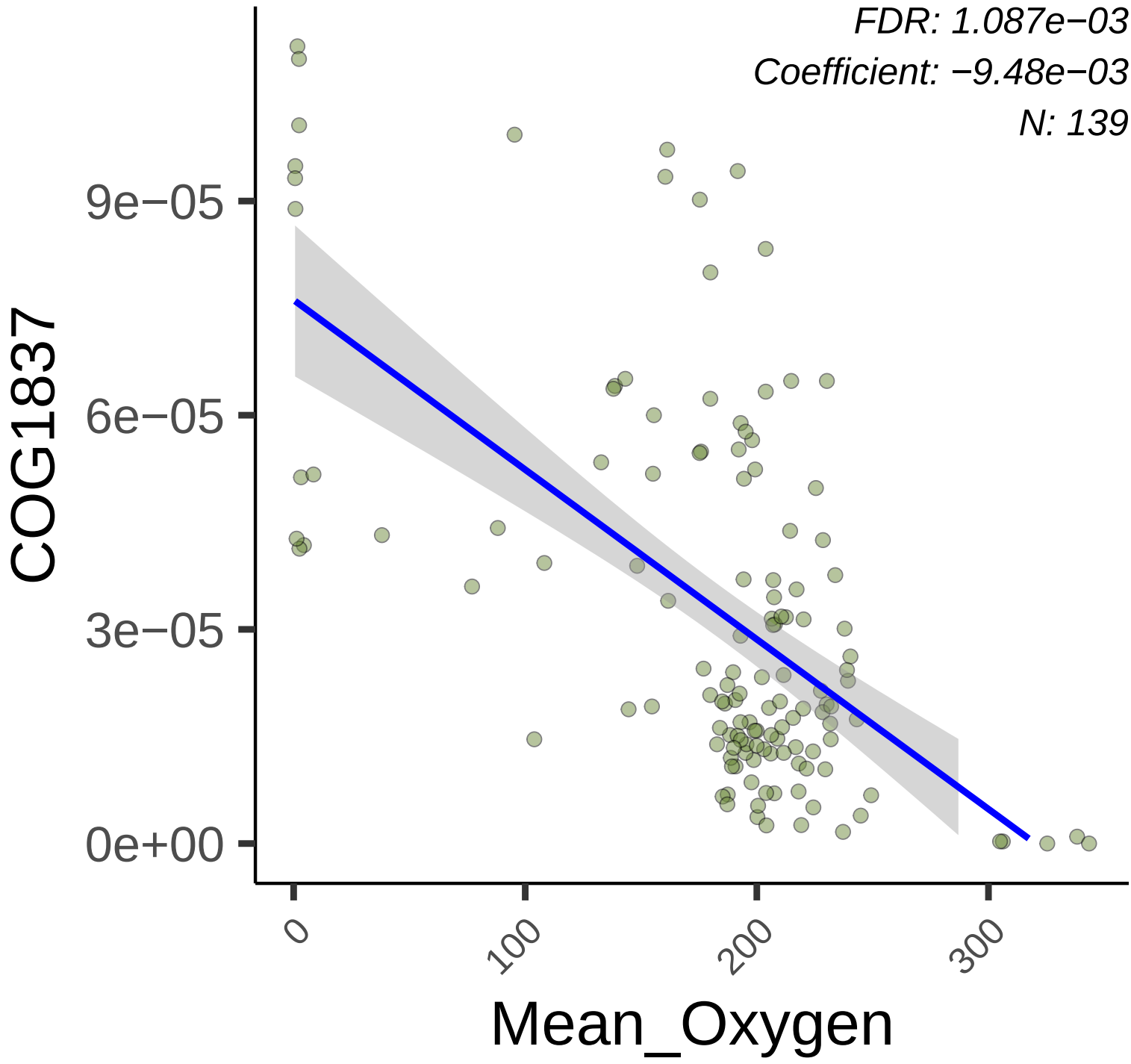
200
300
Mean_Oxygen


FDR: 1.087e−03
Coefficient: −9.48e−03
N: 139
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6e−05
3e−05
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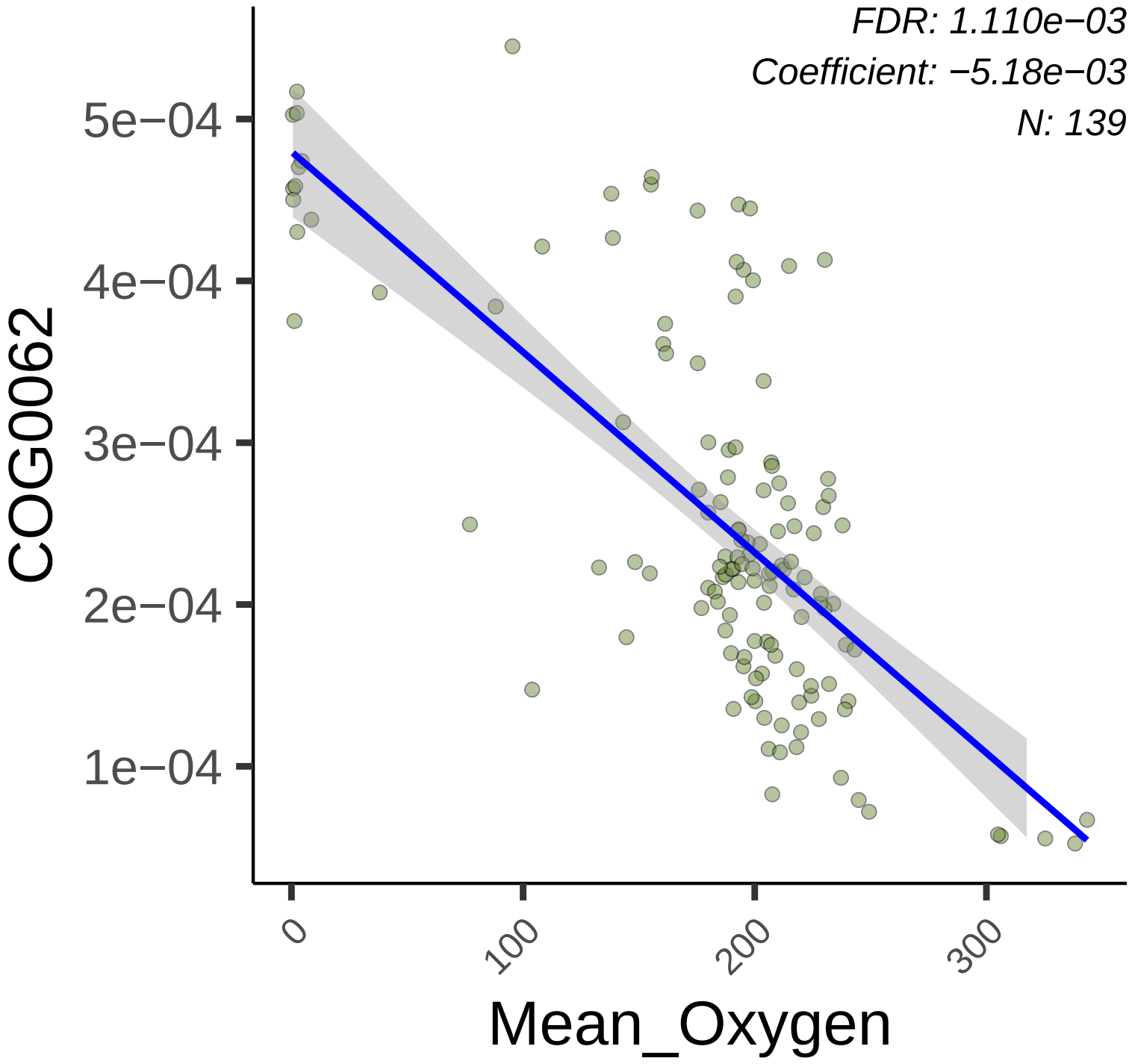
100
200
300
Mean_Oxygen


FDR: 1.110e−03
Coefficient: −5.18e−03
N: 139
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3e−04
2e−04
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COG0062
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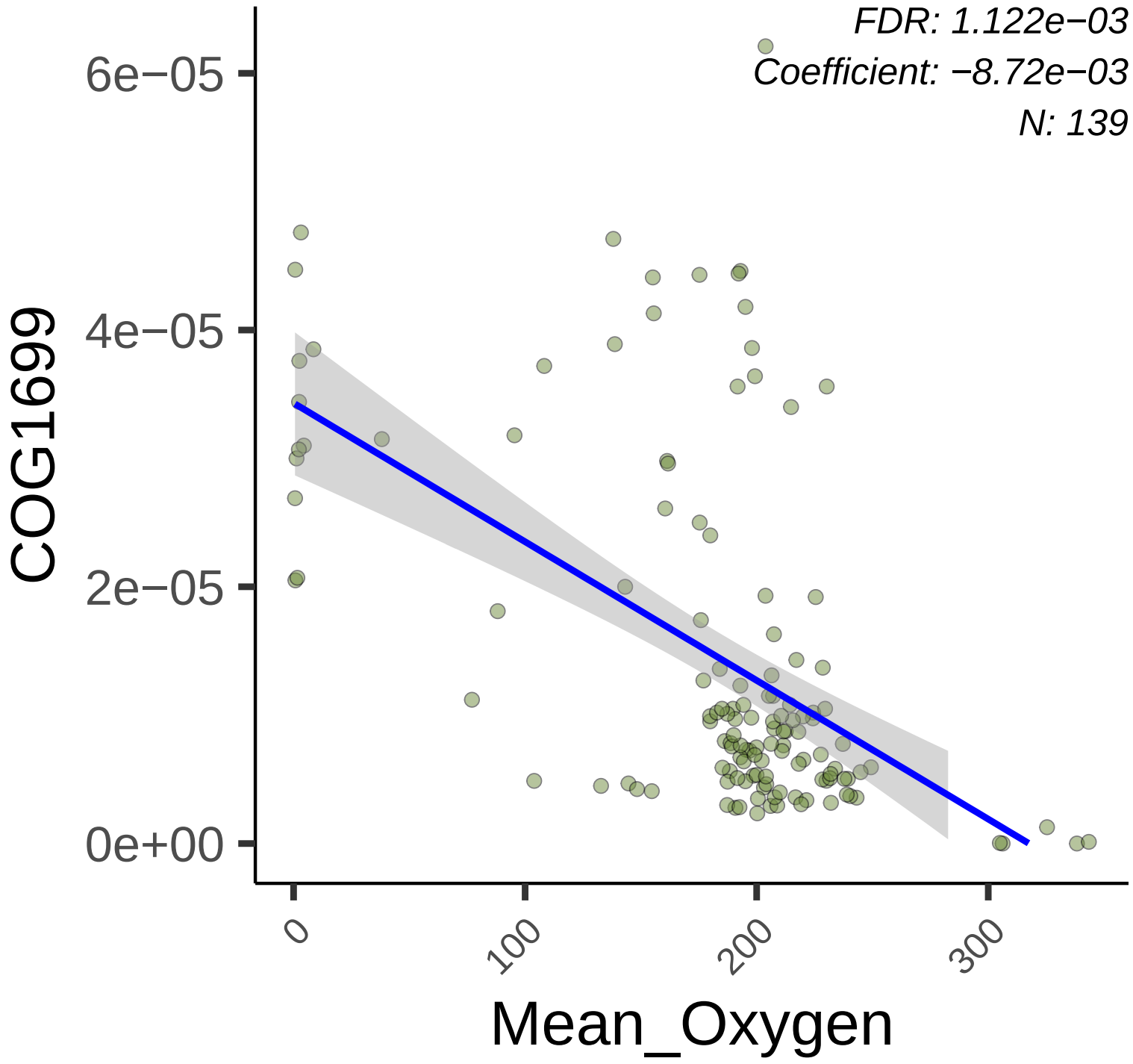
200
300
Mean_Oxygen


FDR: 1.122e−03
Coefficient: −8.72e−03
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COG1699
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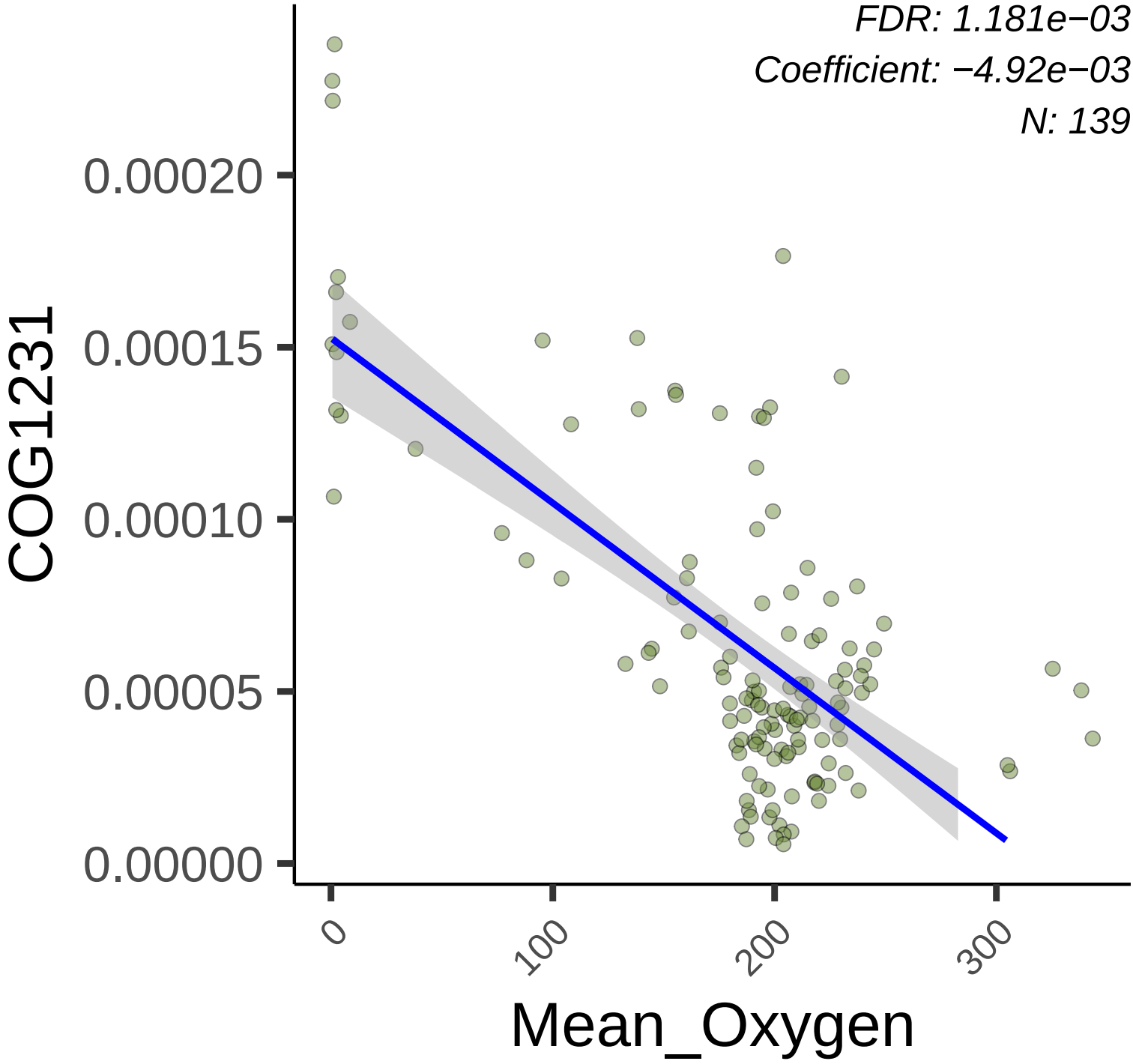
200
300
Mean_Oxygen


FDR: 1.181e−03
Coefficient: −4.92e−03
N: 139
COG1231
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0.00010
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0.00000
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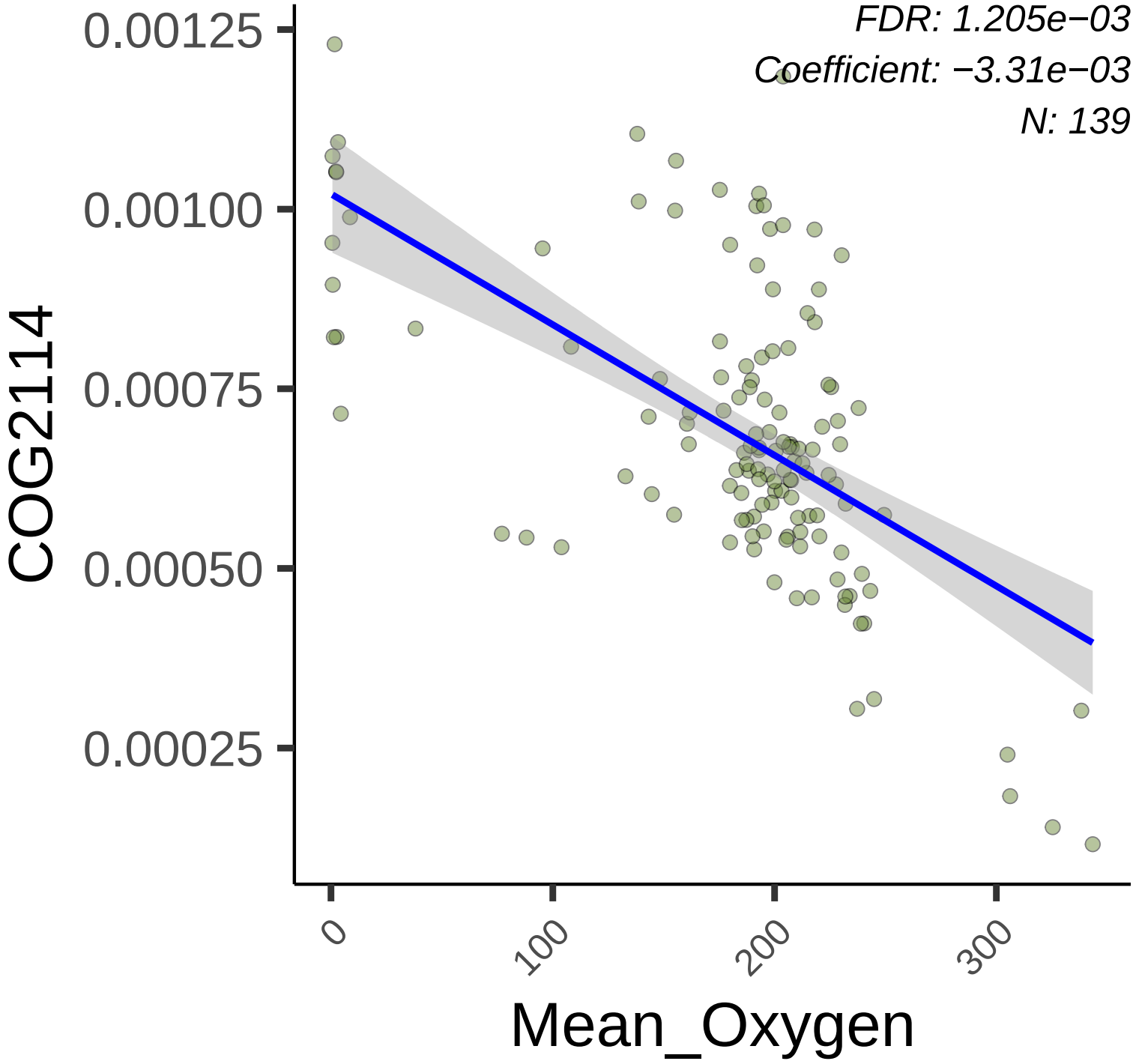
200
300
Mean_Oxygen


FDR: 1.205e−03
Coefficient: −3.31e−03
N: 139
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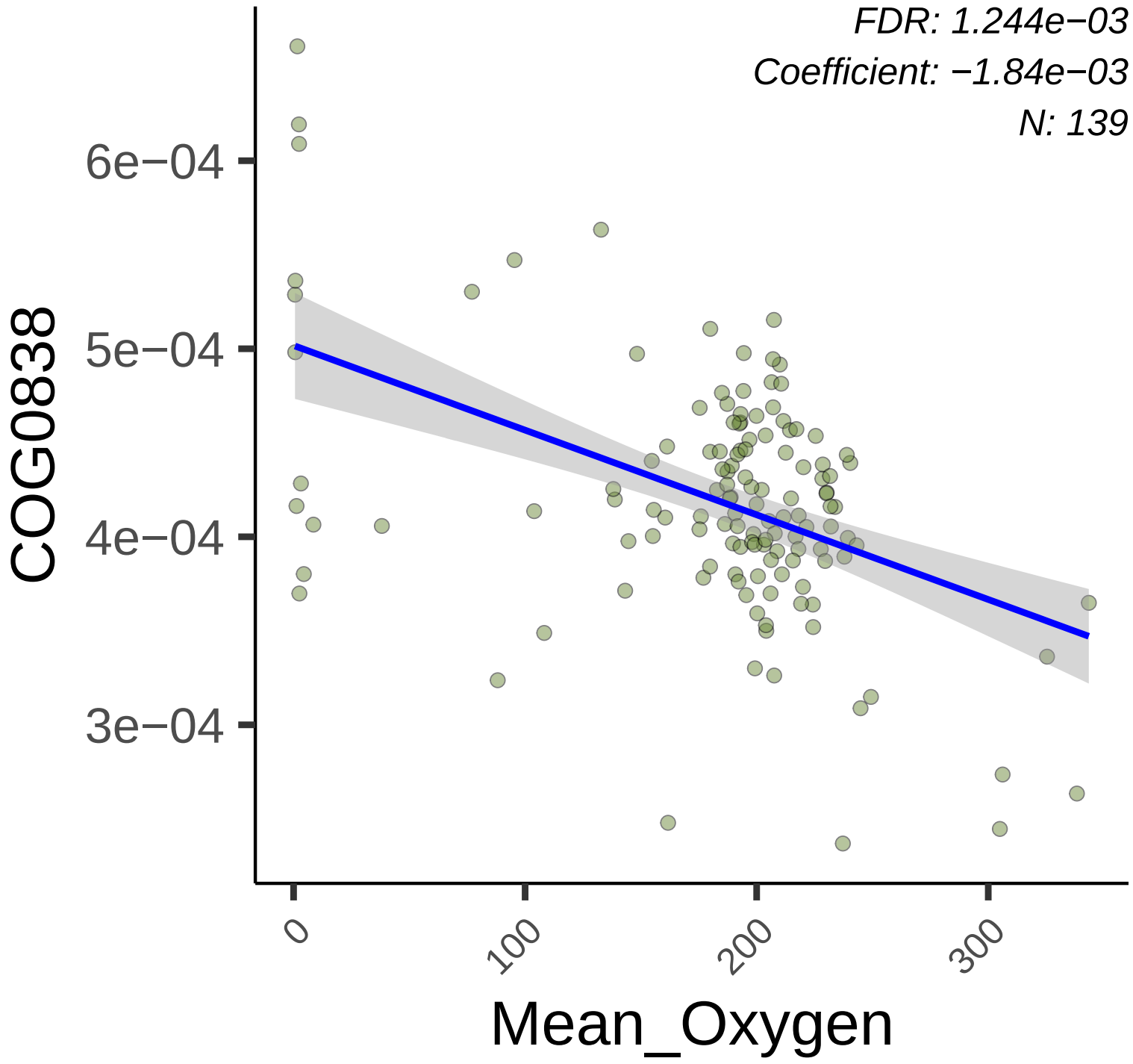
0.00100
0.00075
0.00050
0.00025
COG2114
0
100
200
300
Mean_Oxygen


FDR: 1.244e−03
Coefficient: −1.84e−03
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COG0838
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3e−04
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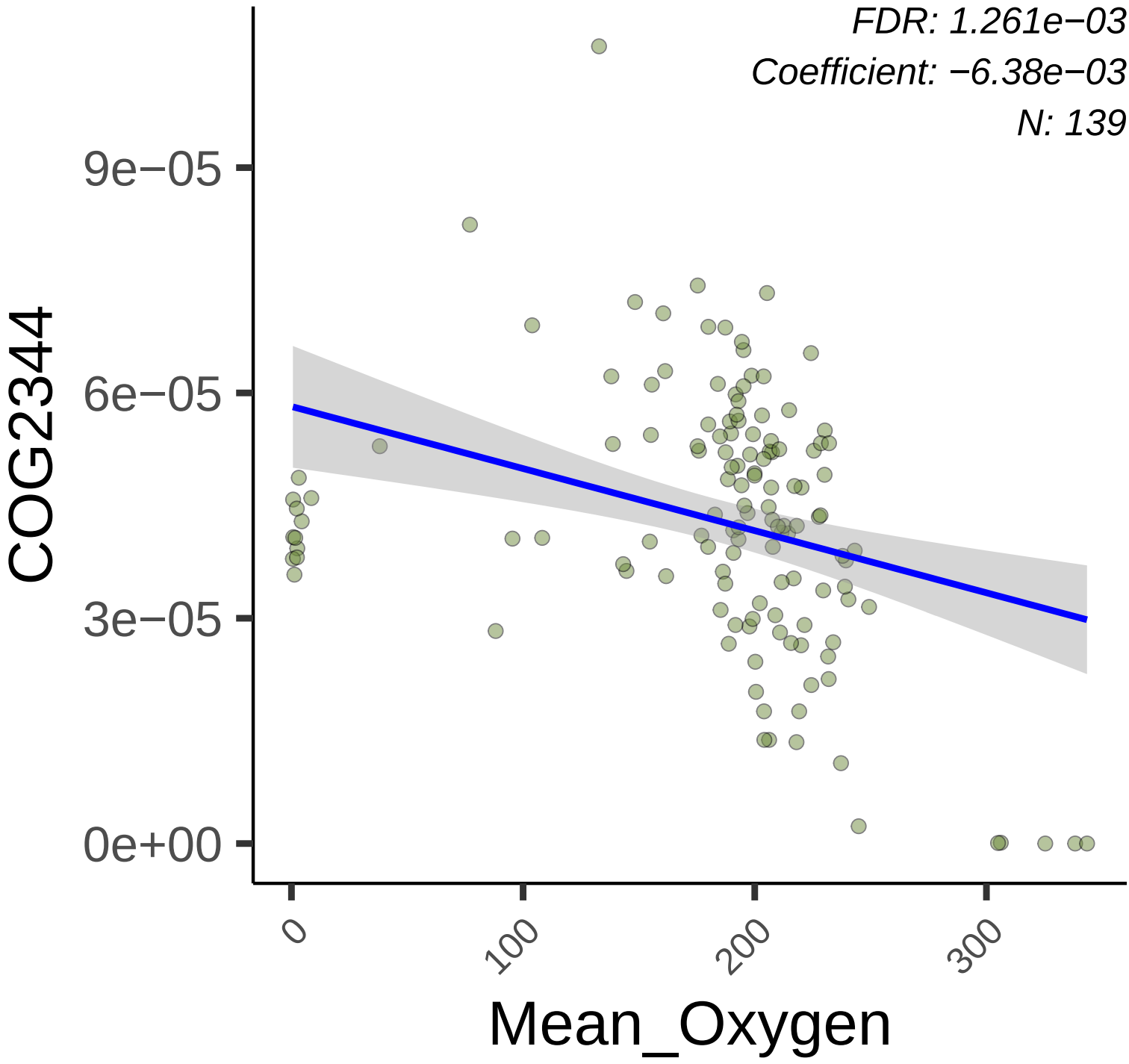
200
300
Mean_Oxygen


FDR: 1.261e−03
Coefficient: −6.38e−03
N: 139
COG2344
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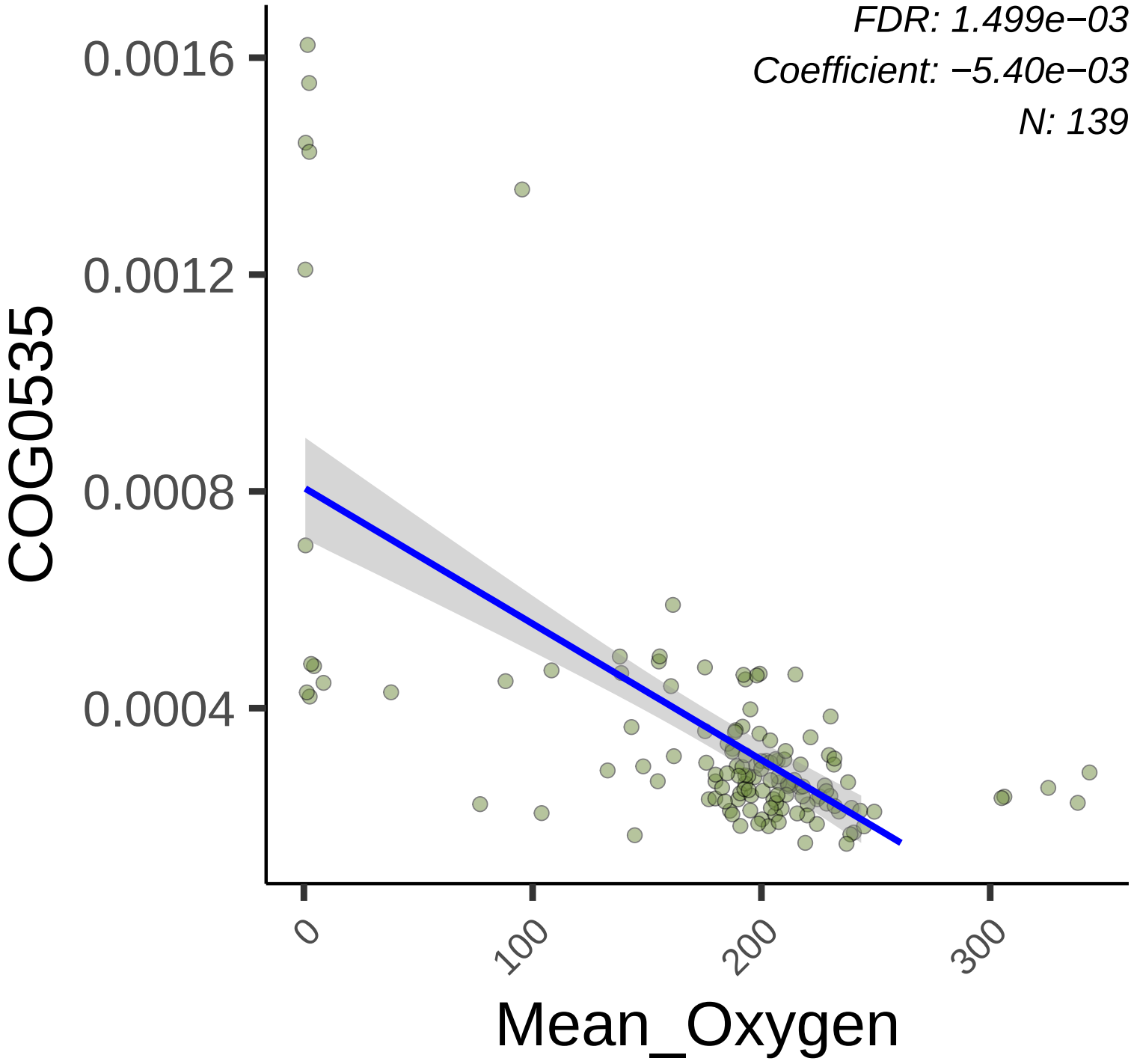
300
Mean_Oxygen


FDR: 1.499e−03
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N: 139
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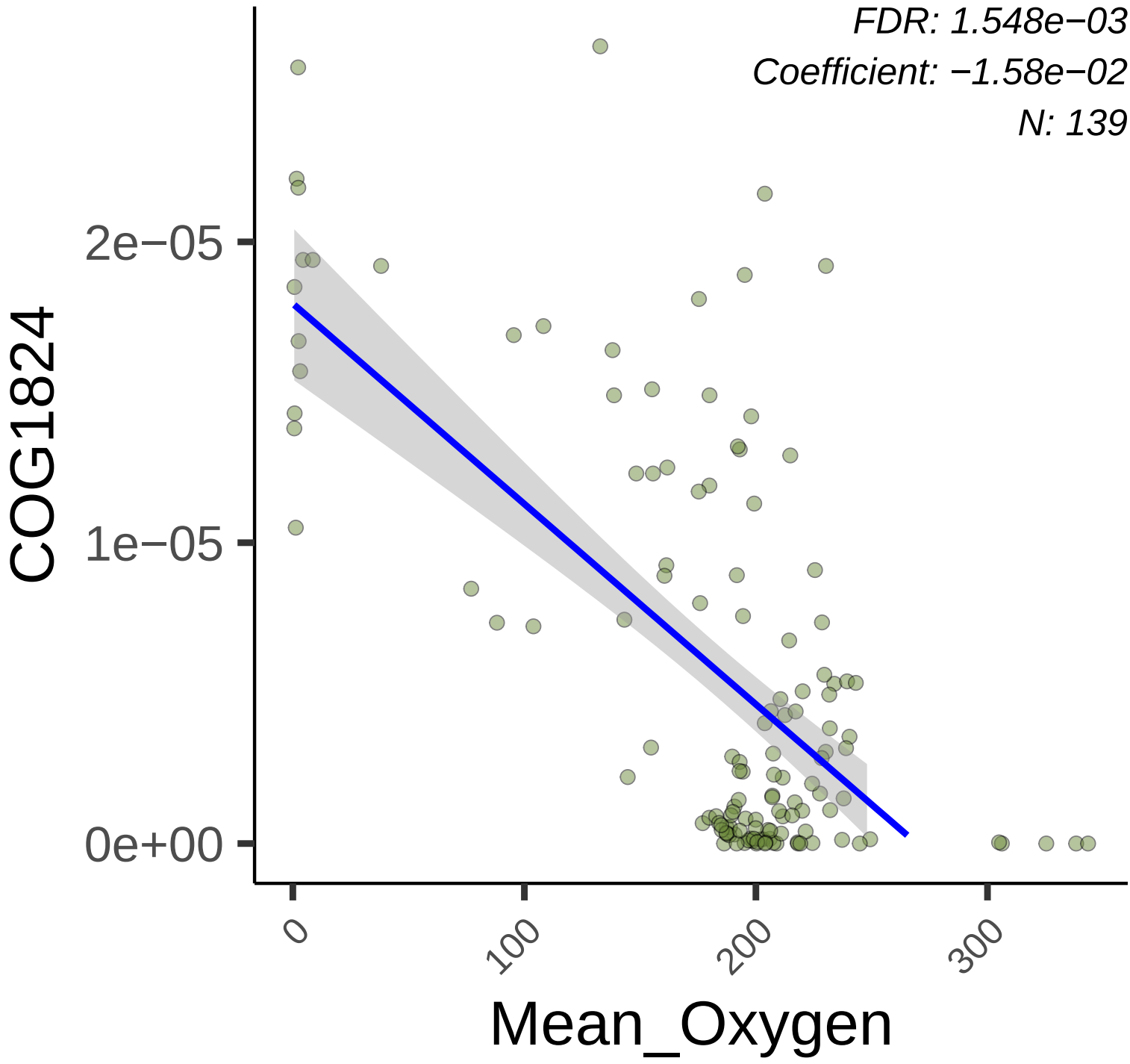
300
Mean_Oxygen


FDR: 1.548e−03
Coefficient: −1.58e−02
N: 139
COG1824
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1e−05
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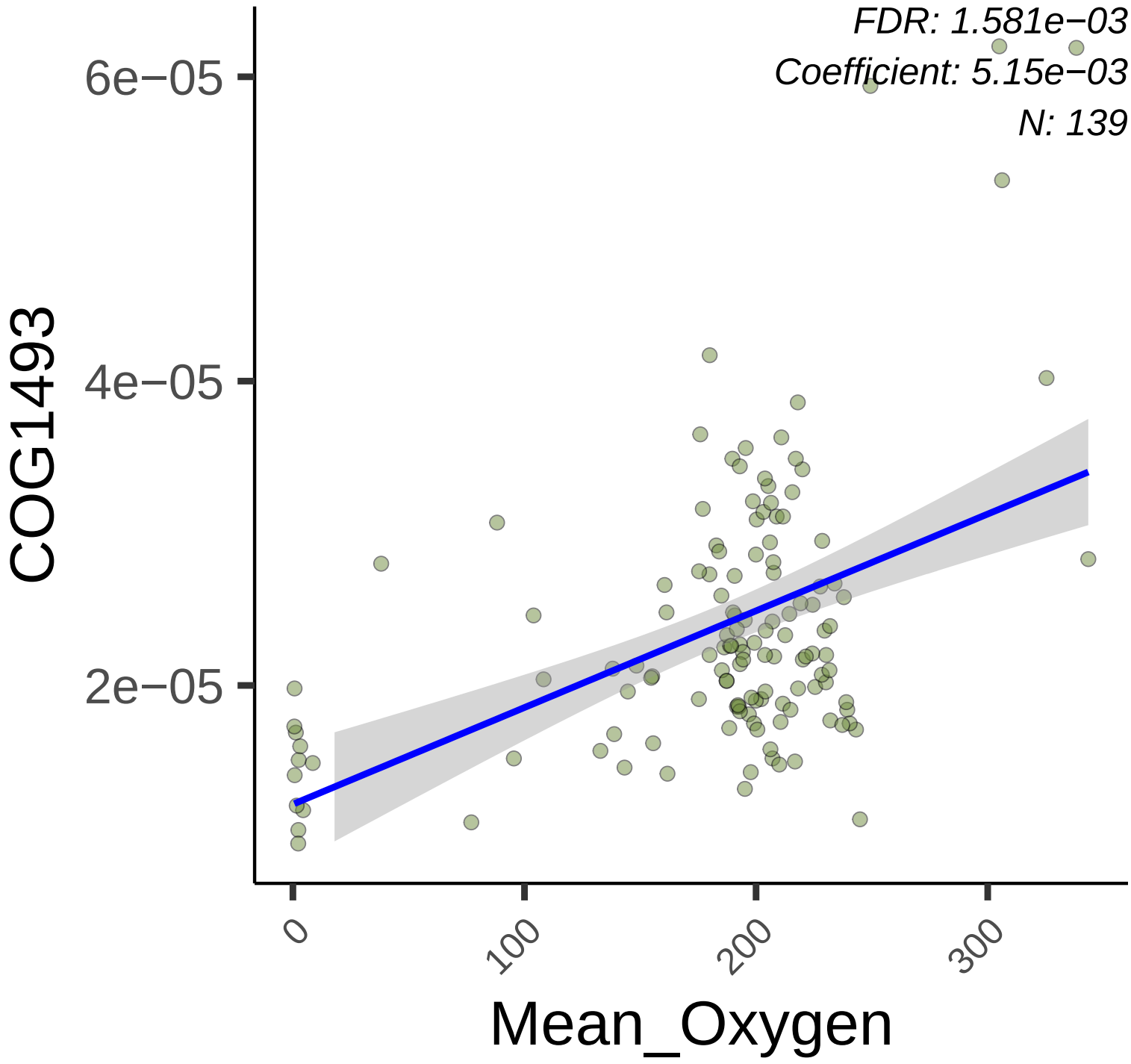
300
Mean_Oxygen


FDR: 1.581e−03
Coefficient: 5.15e−03
N: 139
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COG1493
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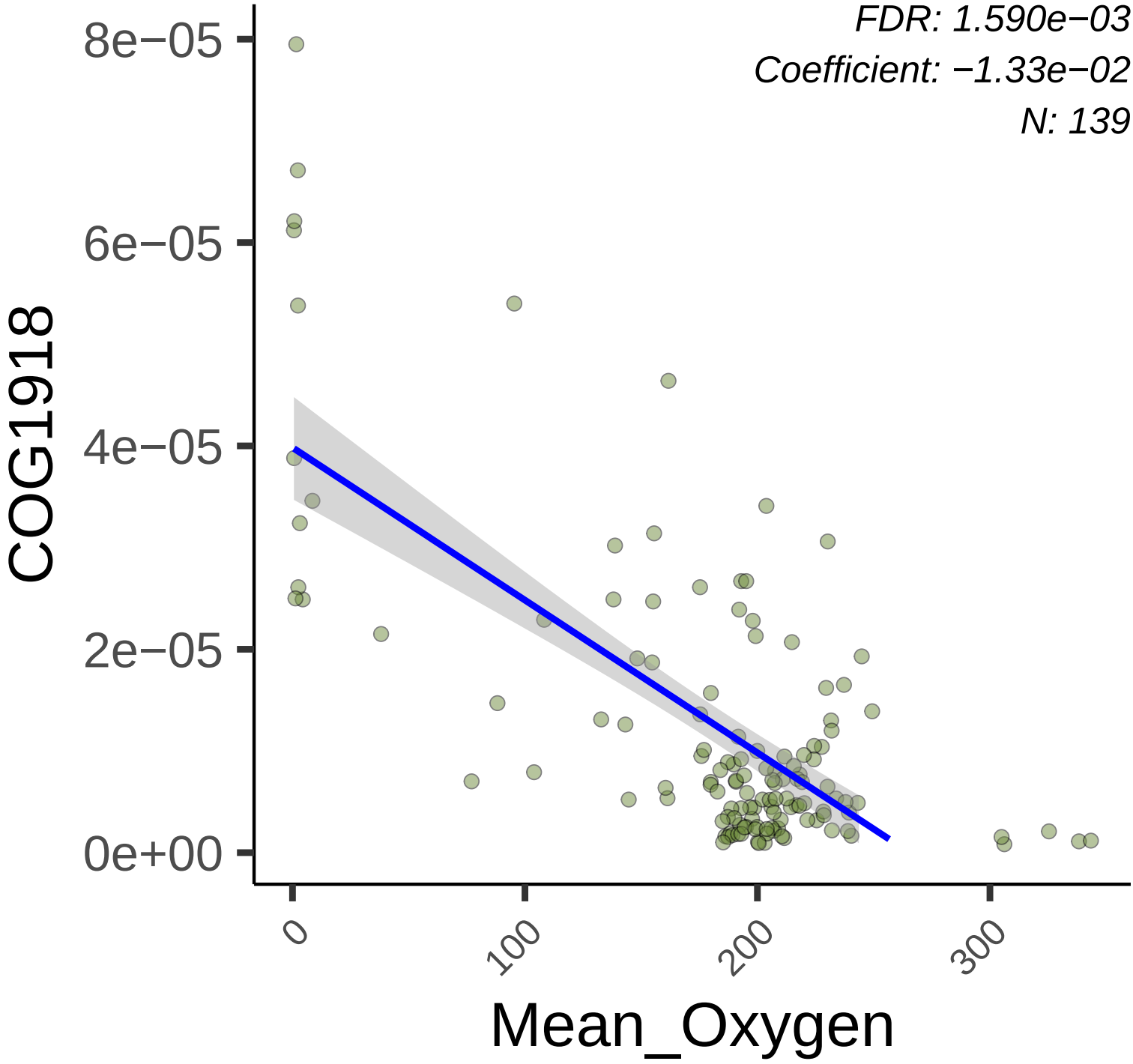
Mean_Oxygen


FDR: 1.590e−03
Coefficient: −1.33e−02
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COG1918
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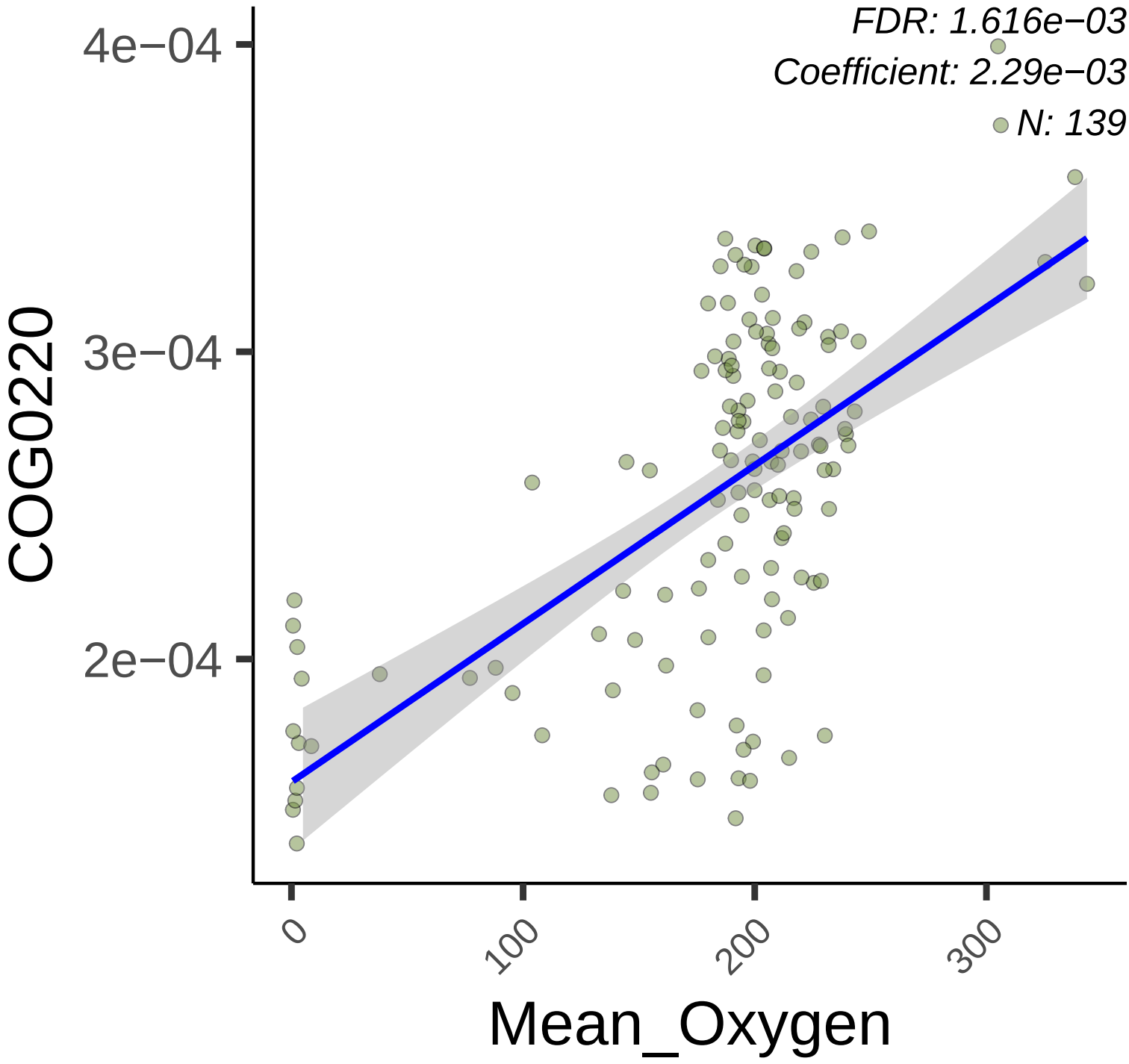
Mean_Oxygen


FDR: 1.616e−03
Coefficient: 2.29e−03
N: 139
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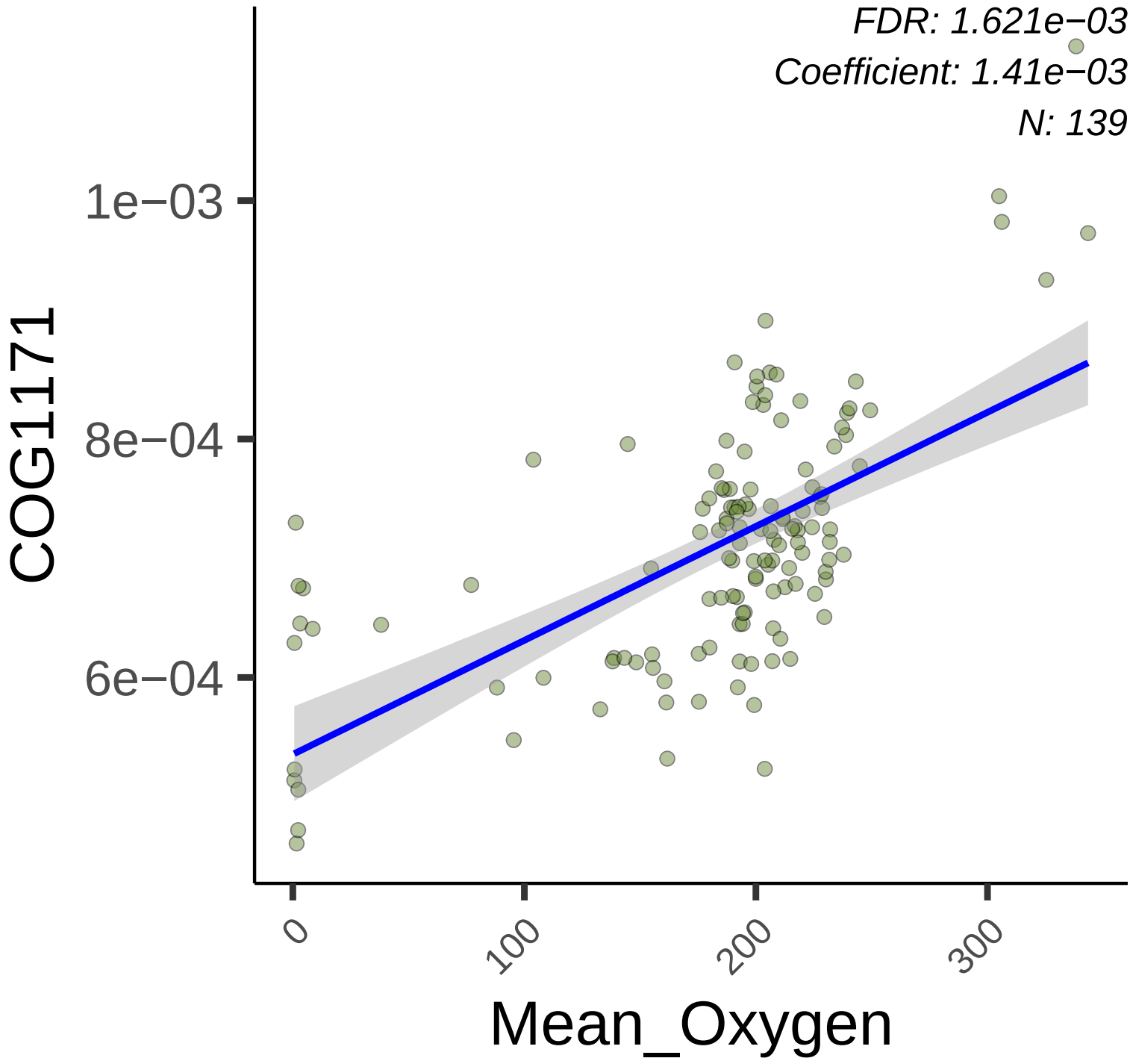
Mean_Oxygen


FDR: 1.621e−03
Coefficient: 1.41e−03
N: 139
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8e−04
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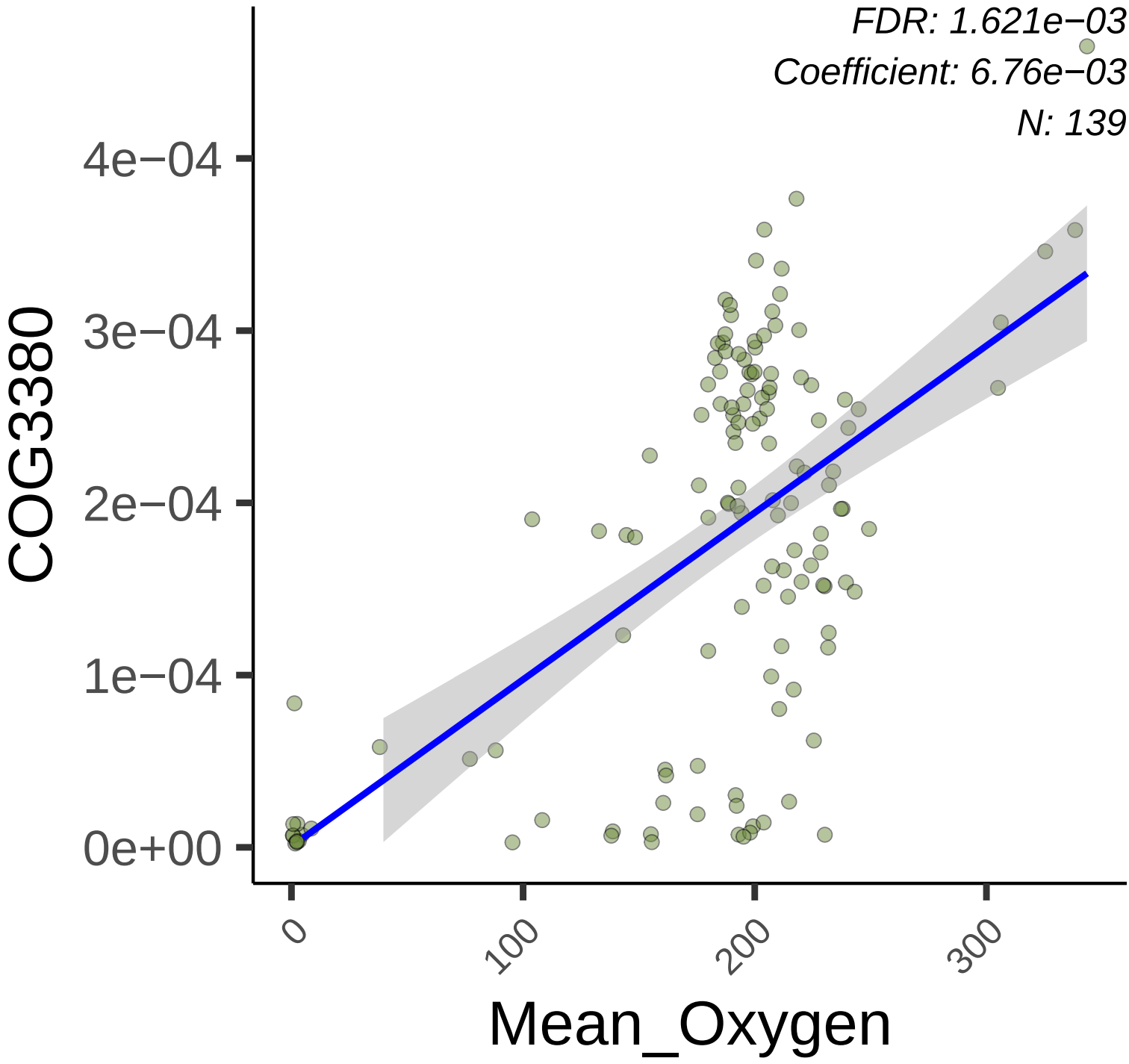
300
Mean_Oxygen


FDR: 1.621e−03
Coefficient: 6.76e−03
N: 139
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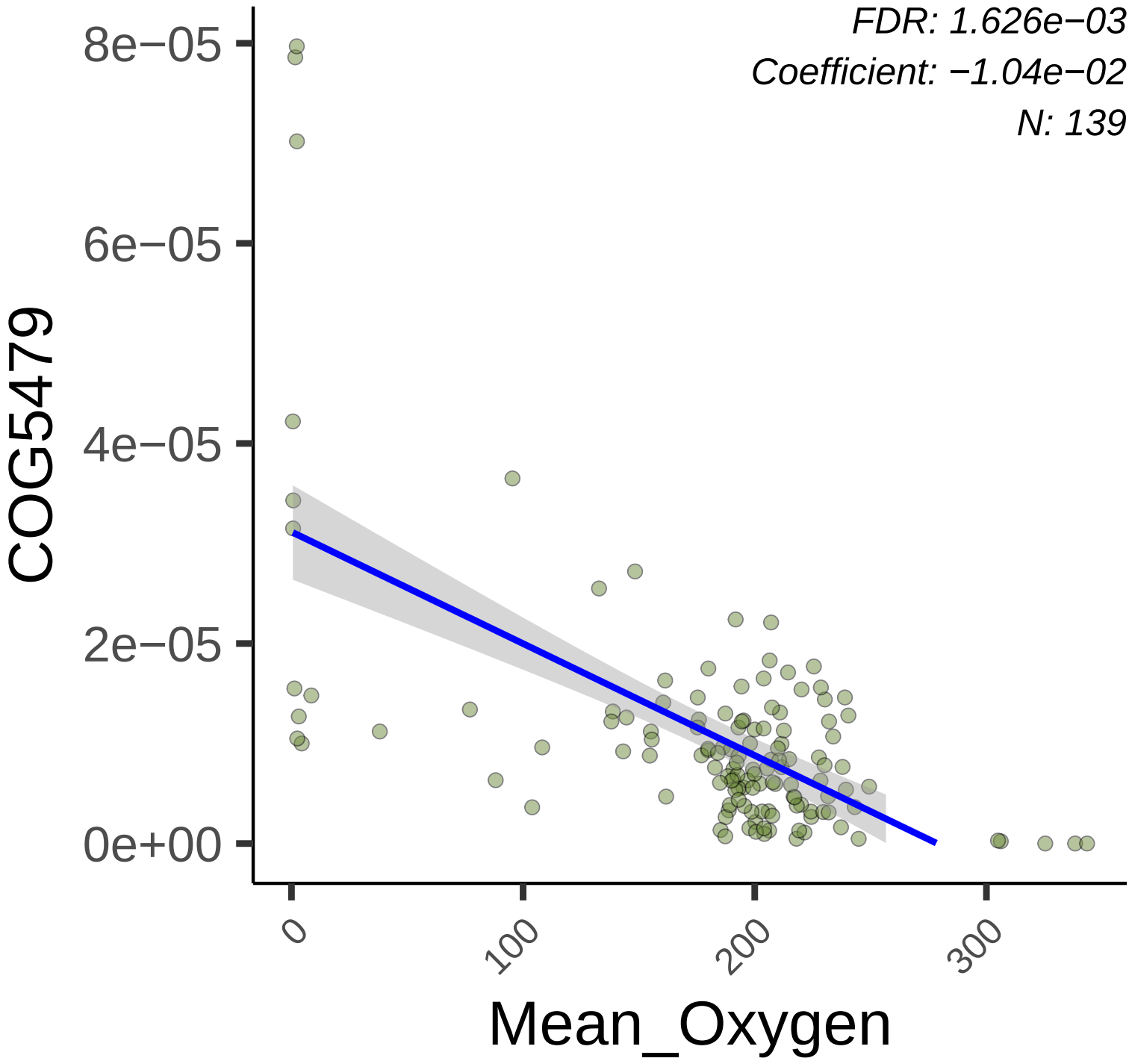
300
Mean_Oxygen


FDR: 1.626e−03
Coefficient: −1.04e−02
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4e−05
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COG5479
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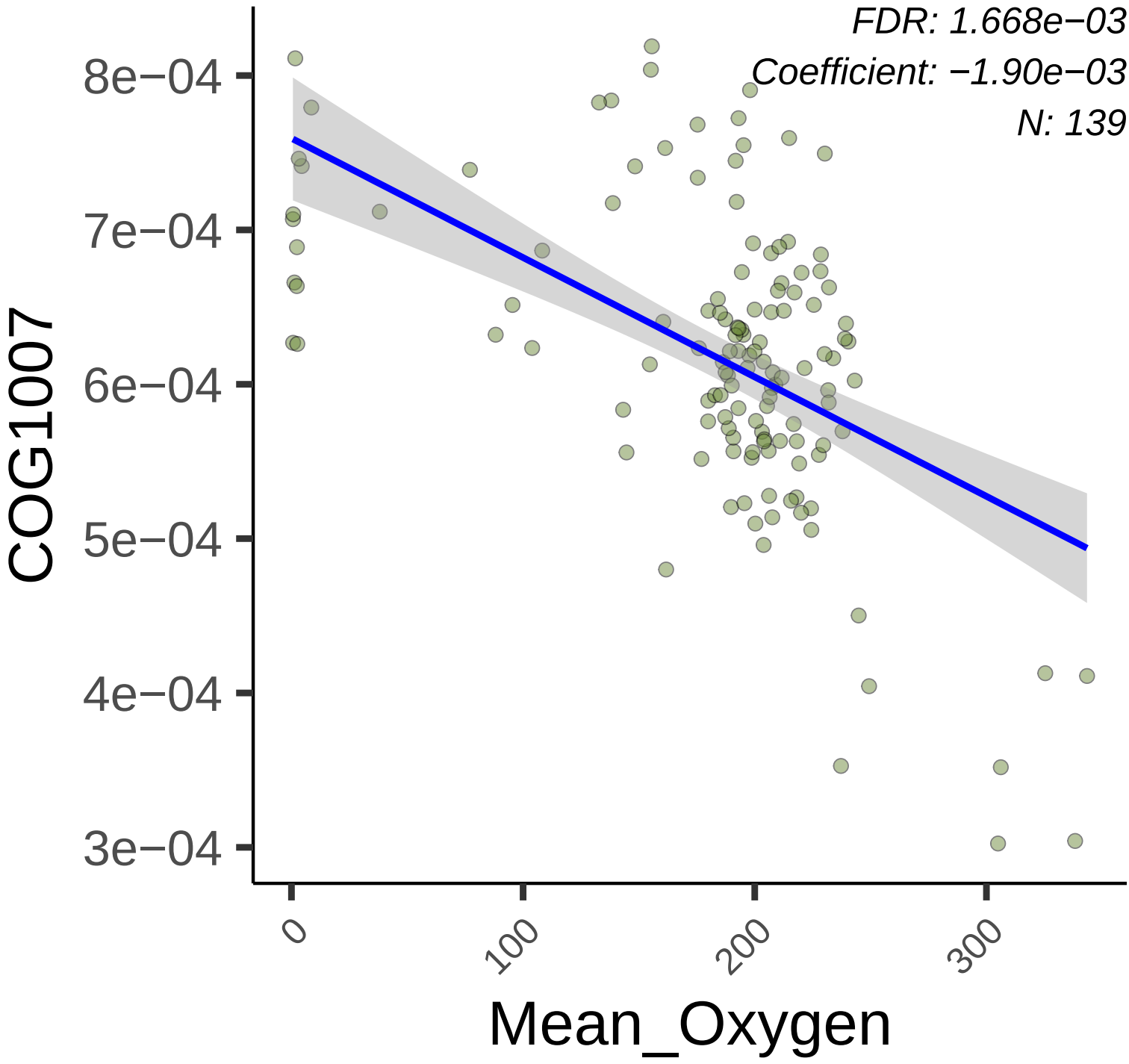
200
300
Mean_Oxygen


FDR: 1.668e−03
Coefficient: −1.90e−03
N: 139
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COG1007
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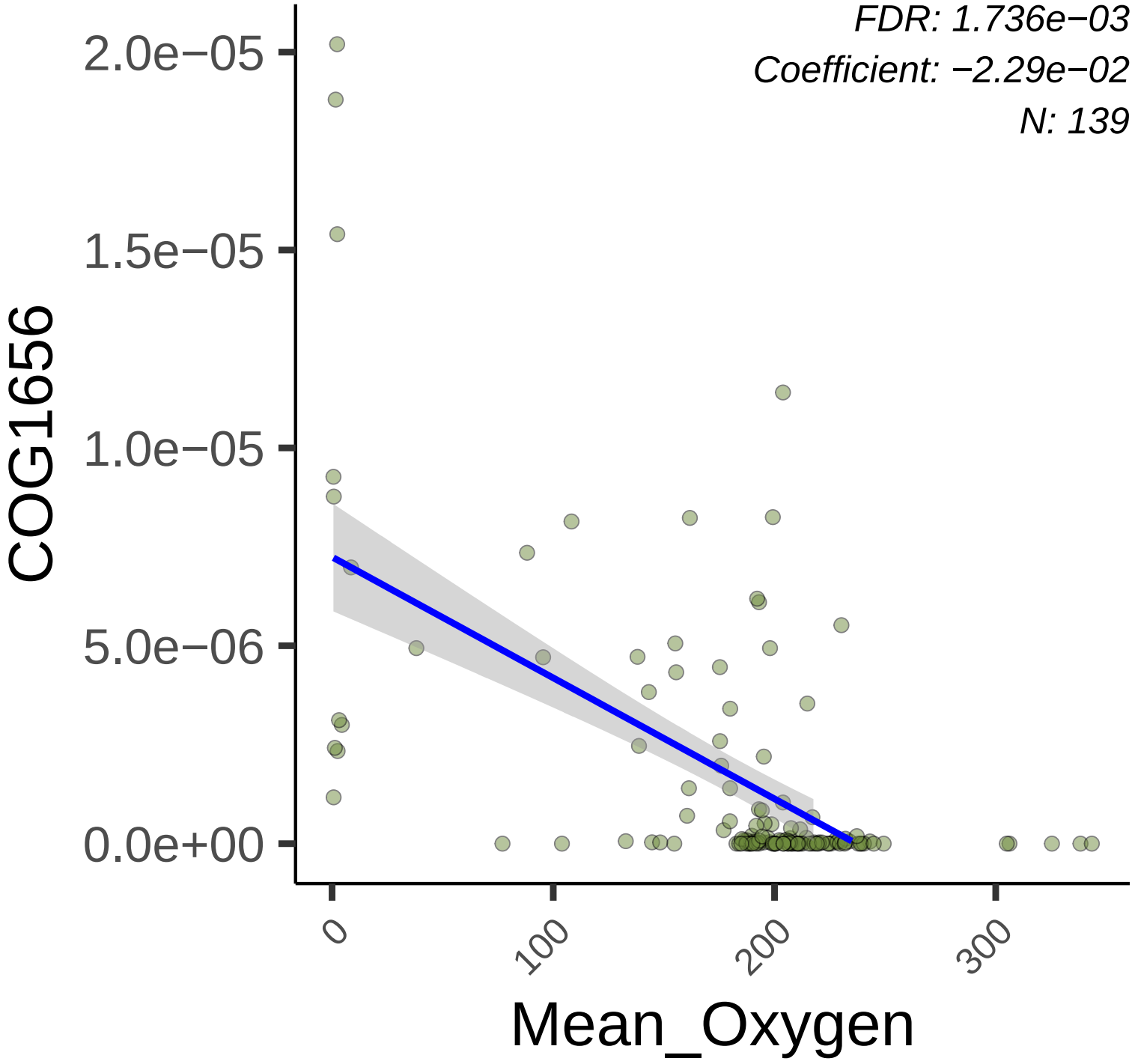
200
300
Mean_Oxygen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Coefficient: −2.29e−02
N: 139
COG1656
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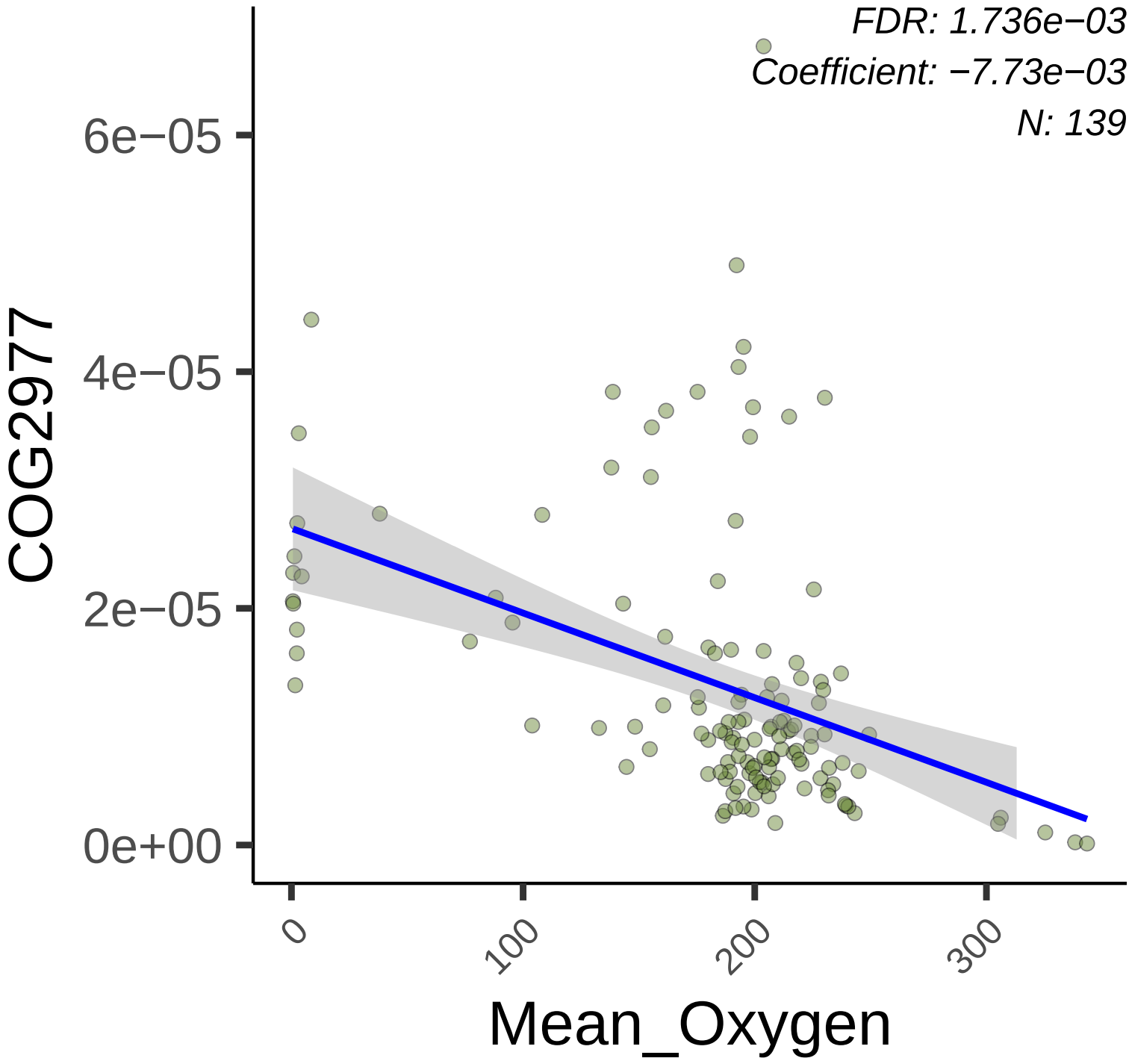
200
300
Mean_Oxygen


FDR: 1.736e−03
Coefficient: −7.73e−03
N: 139
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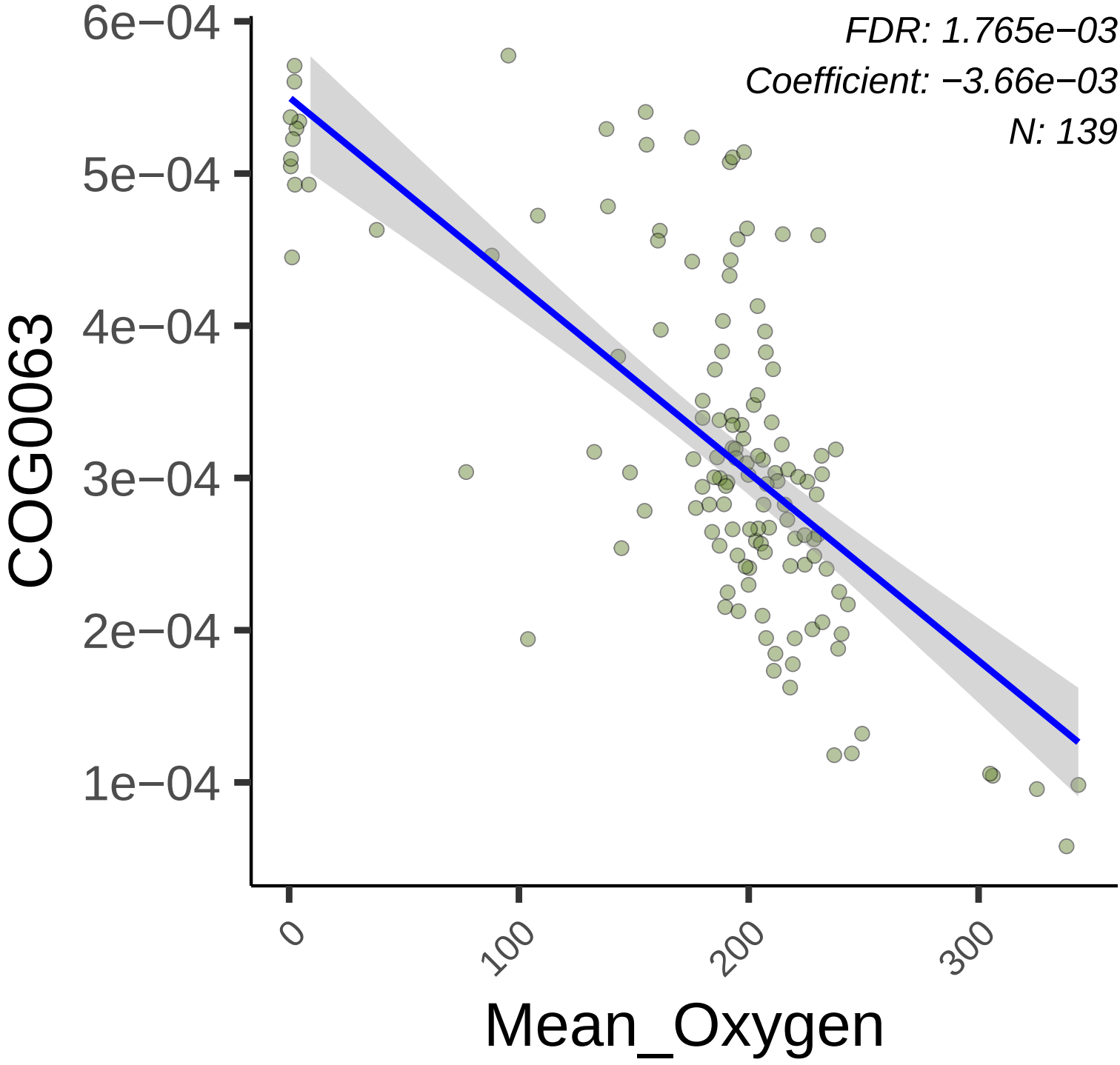
200
300
Mean_Oxygen


FDR: 1.765e−03
Coefficient: −3.66e−03
N: 139
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4e−04
3e−04
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COG0063
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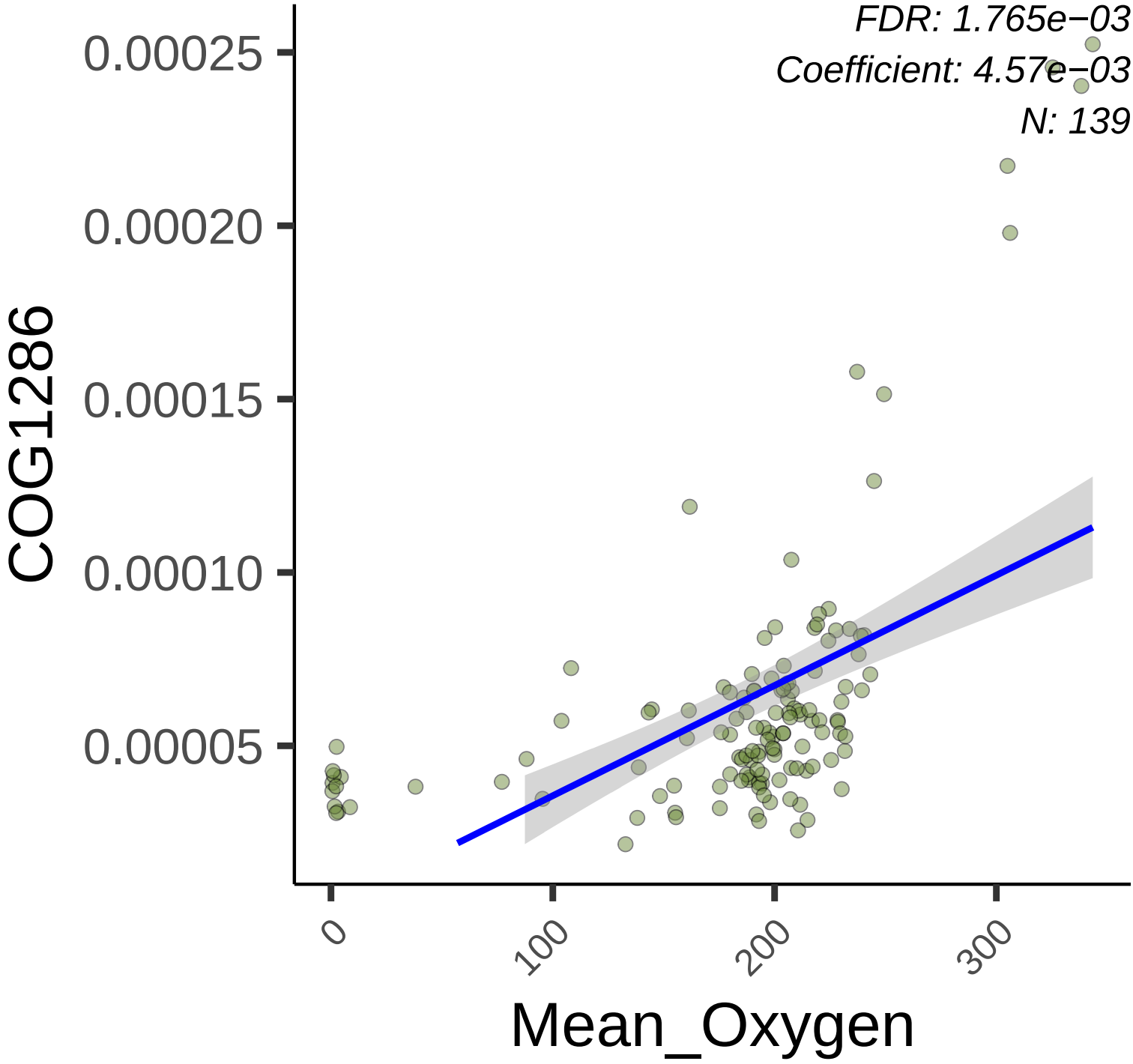
200
300
Mean_Oxygen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Coefficient: 4.57e−03
N: 139
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COG1286
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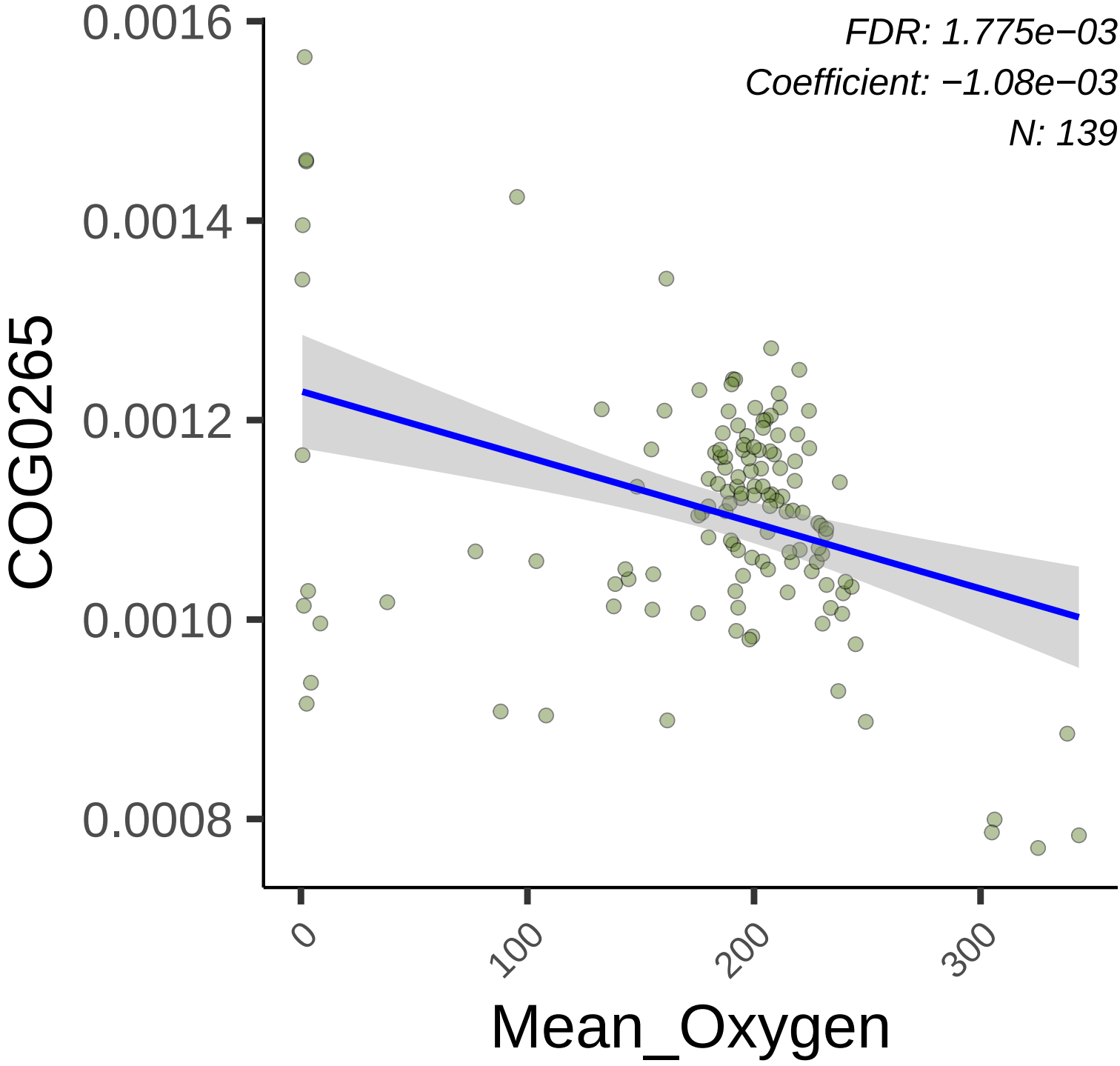
200
300
Mean_Oxygen


FDR: 1.775e−03
Coefficient: −1.08e−03
N: 139
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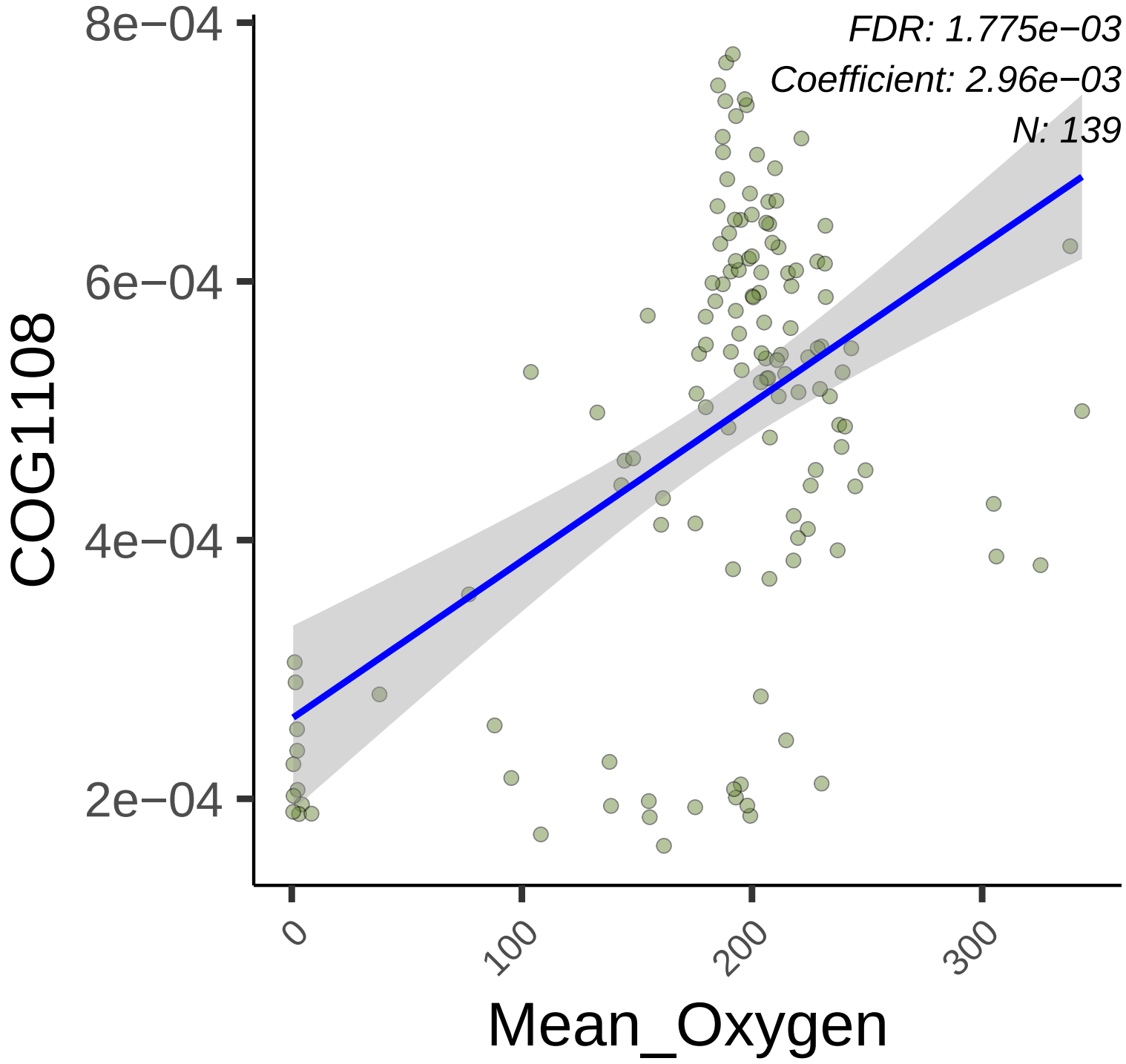
0.0014
0.0012
0.0010
0.0008
COG0265
0
100
200
300
Mean_Oxygen


FDR: 1.775e−03
Coefficient: 2.96e−03
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COG1108
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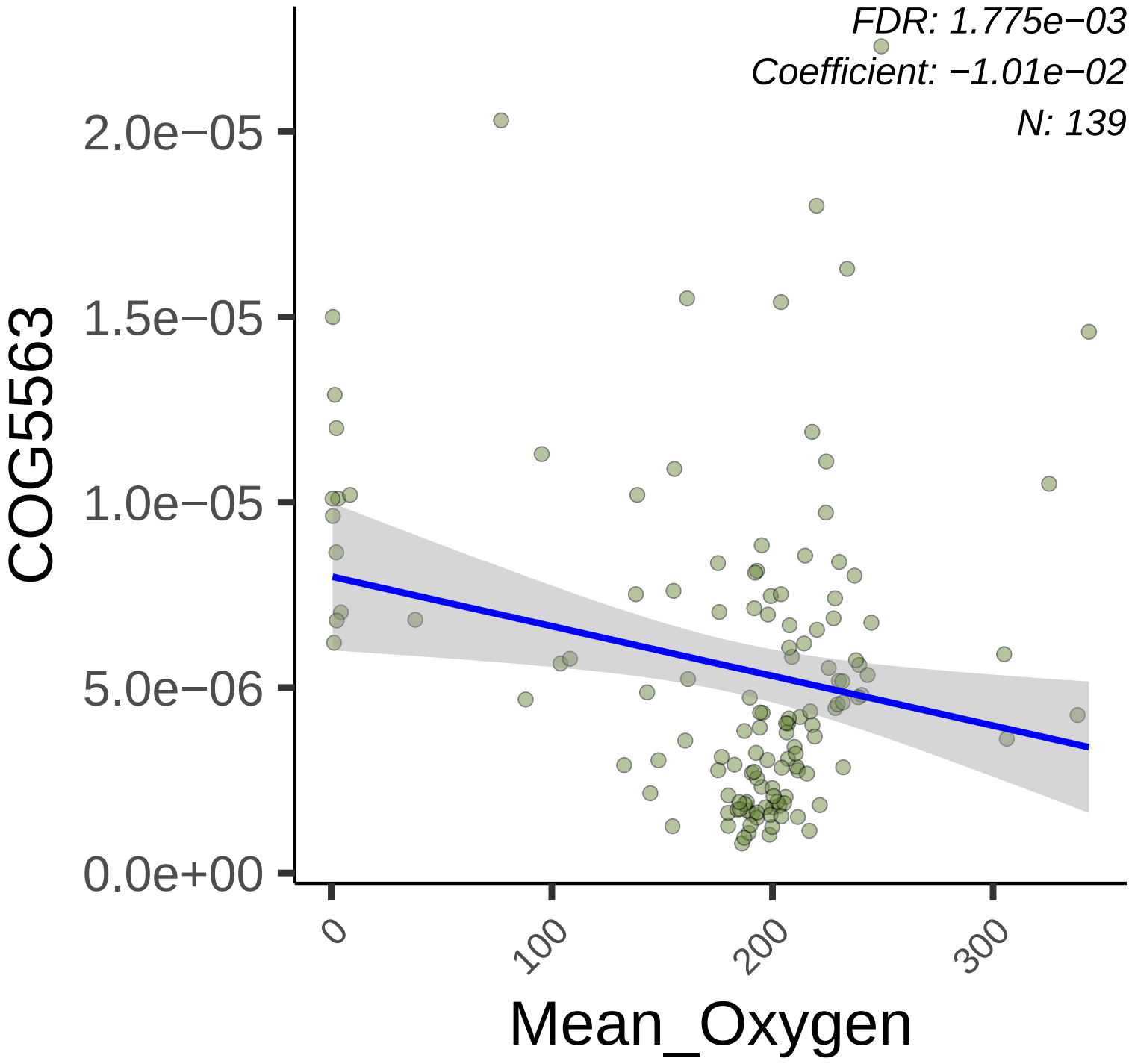
Mean_Oxygen


FDR: 1.775e−03
Coefficient: −1.01e−02
N: 139
COG5563
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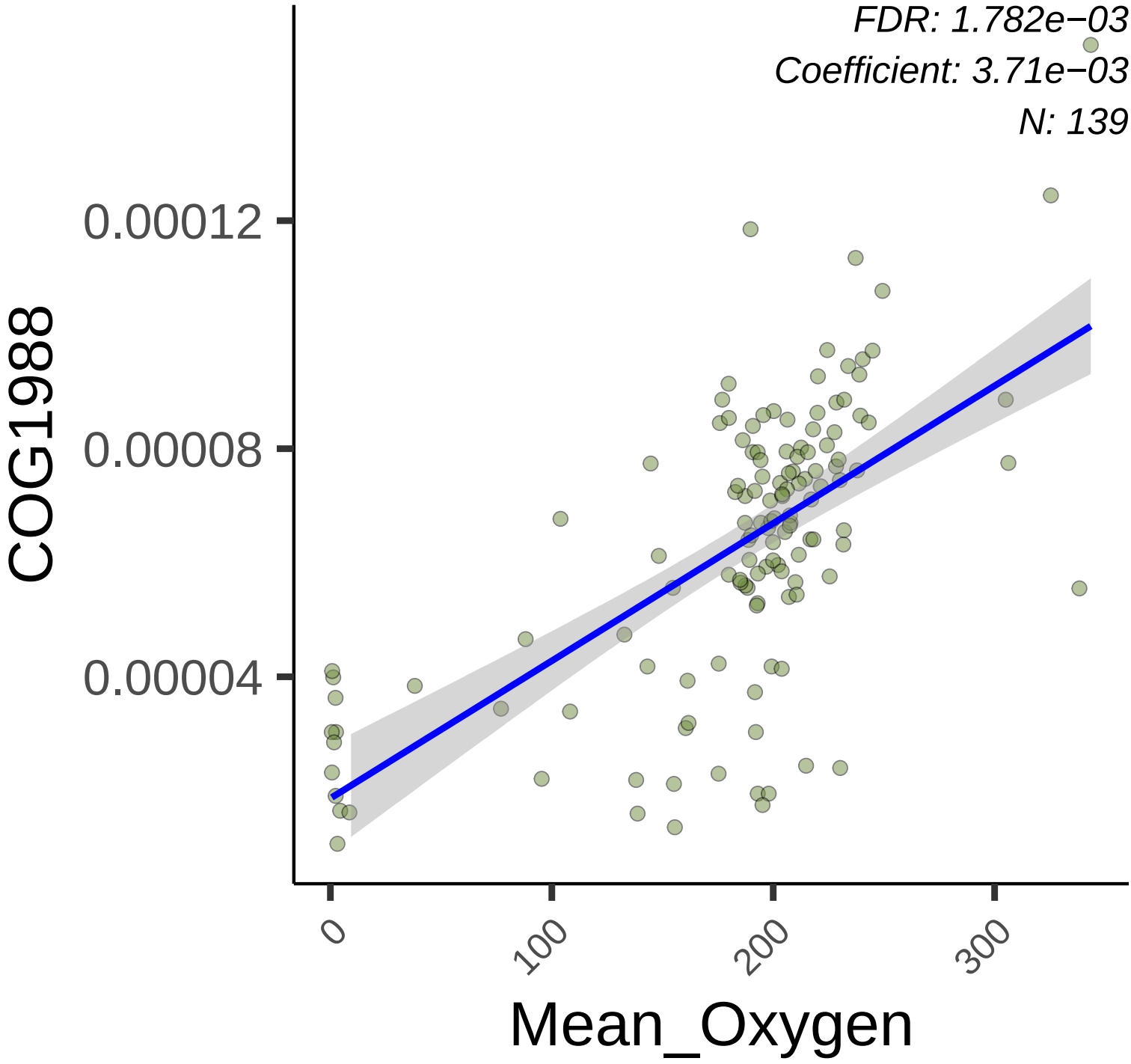
Mean_Oxygen


FDR: 1.782e−03
Coefficient: 3.71e−03
N: 139
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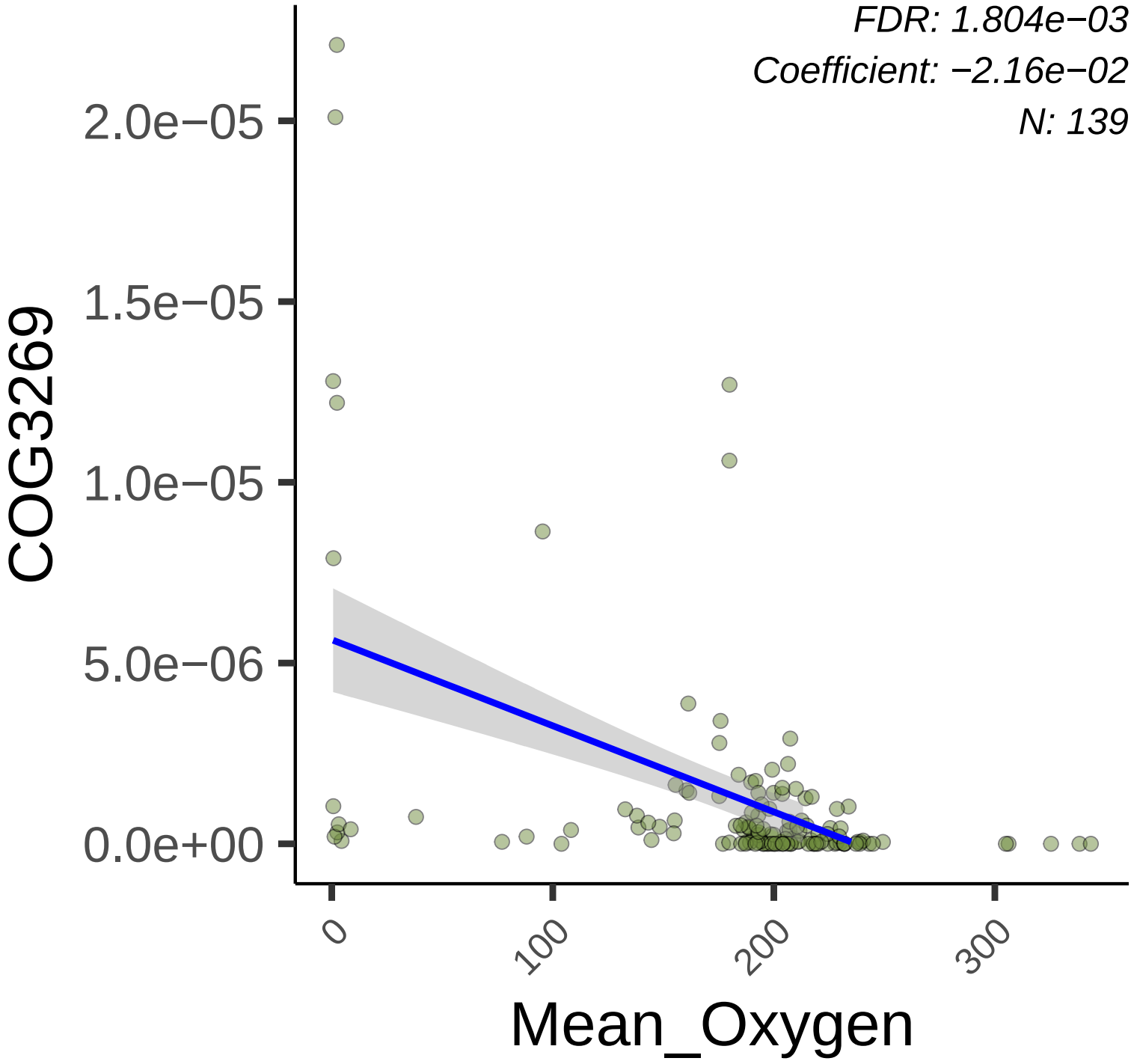
Mean_Oxygen


FDR: 1.804e−03
Coefficient: −2.16e−02
N: 139
COG3269
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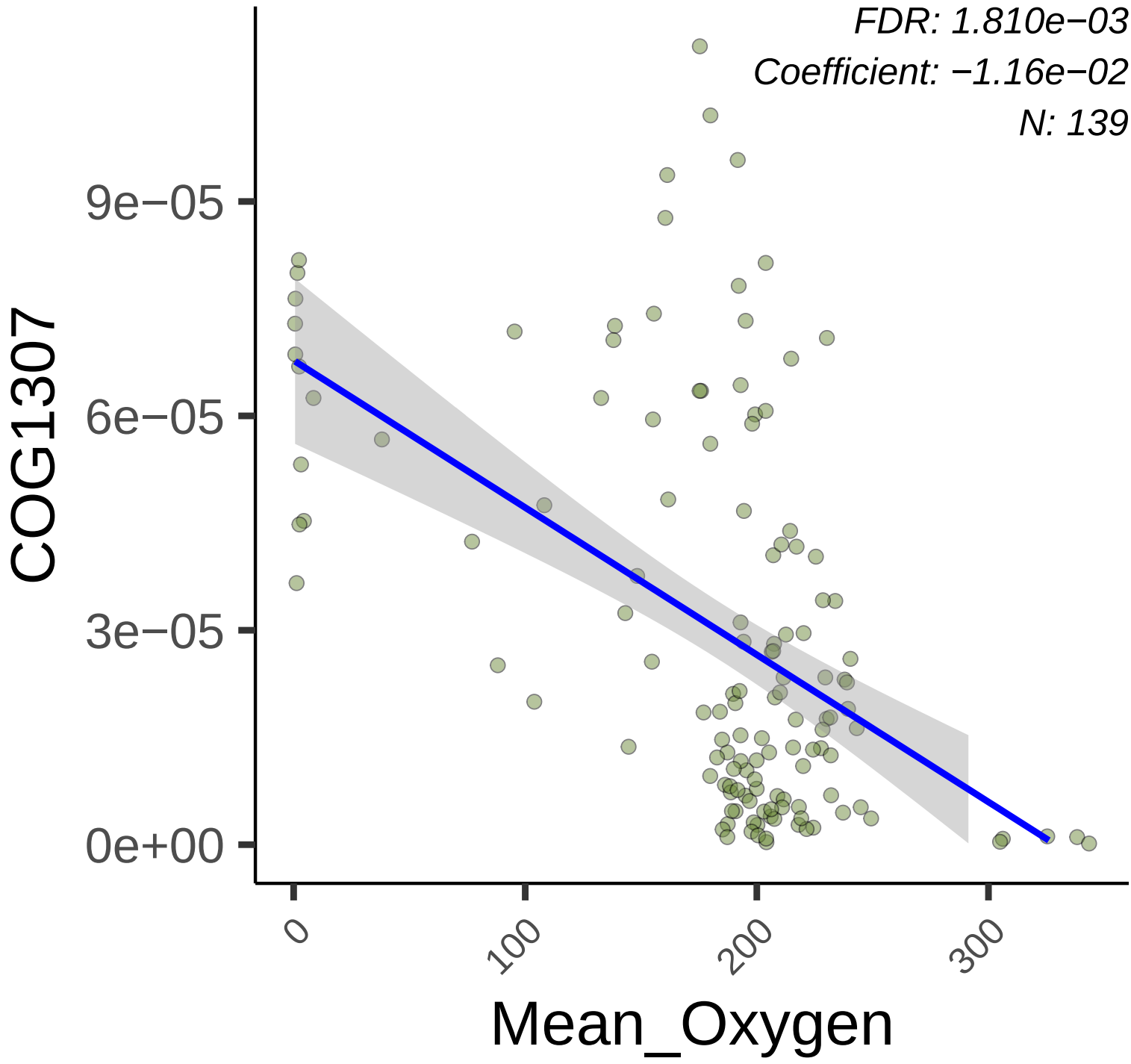
Mean_Oxygen


FDR: 1.810e−03
Coefficient: −1.16e−02
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COG1307
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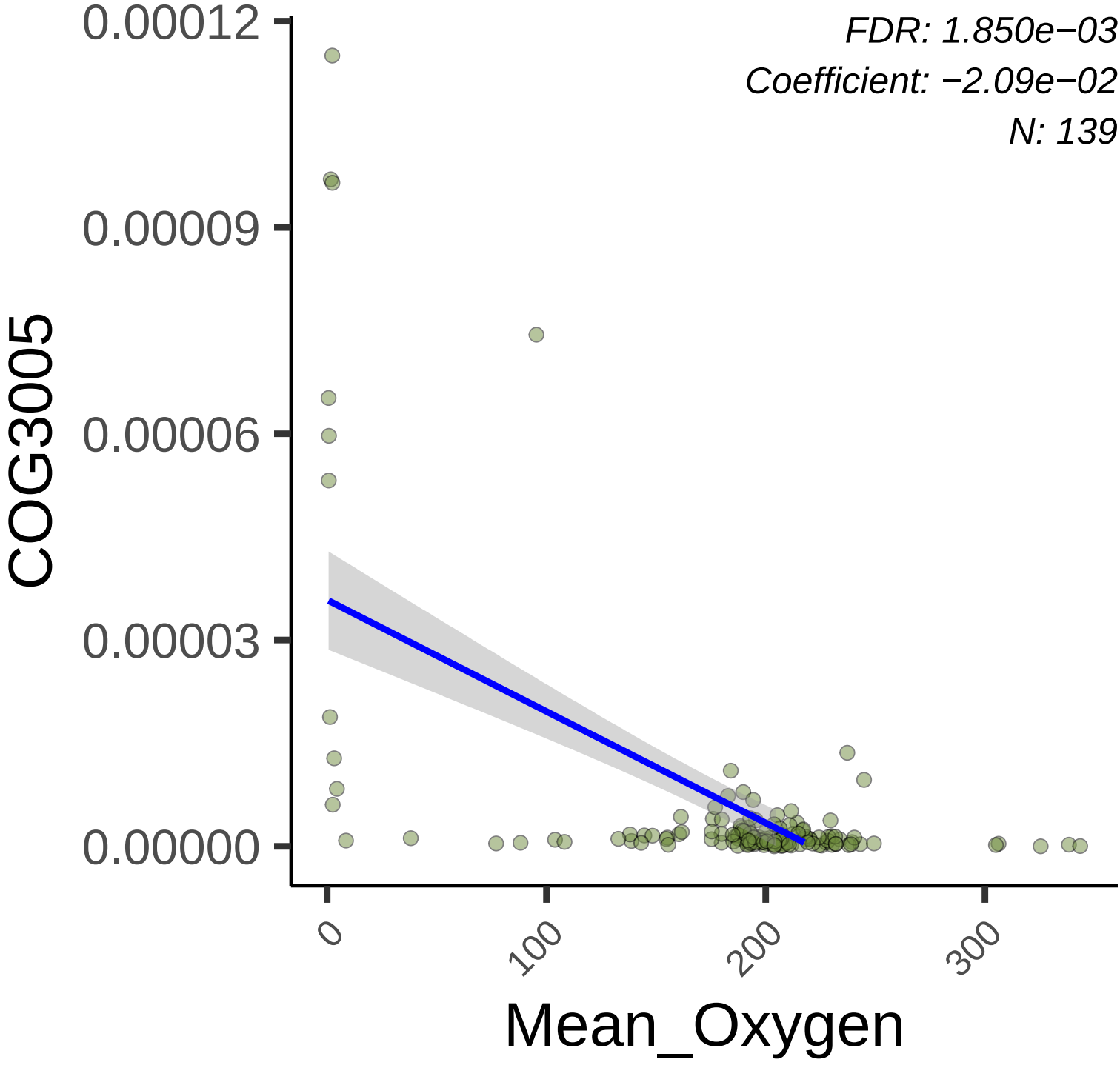
Mean_Oxygen


FDR: 1.850e−03
Coefficient: −2.09e−02
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COG3005
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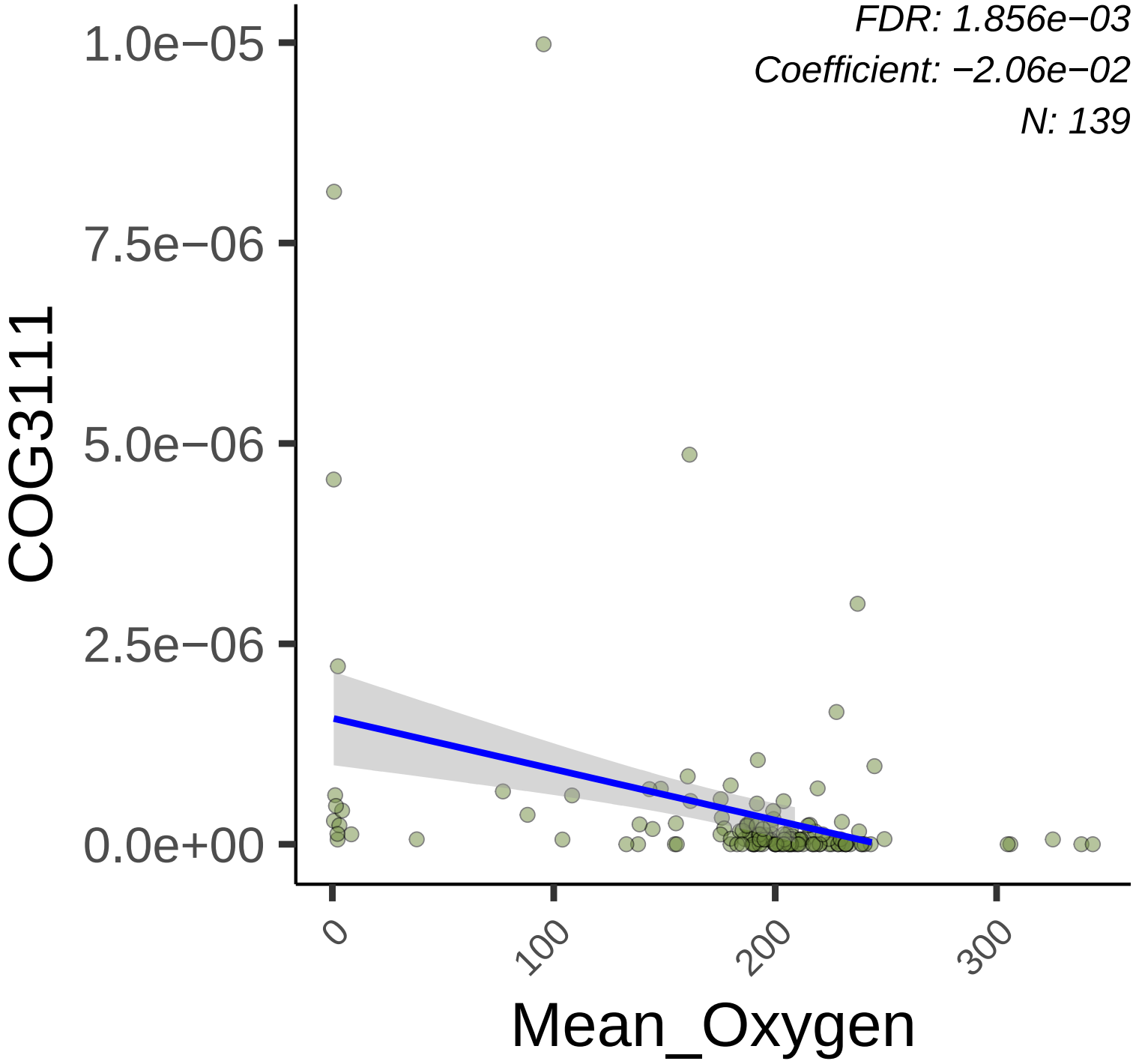
Mean_Oxygen


FDR: 1.856e−03
Coefficient: −2.06e−02
N: 139
1.0e−05
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5.0e−06
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COG3111
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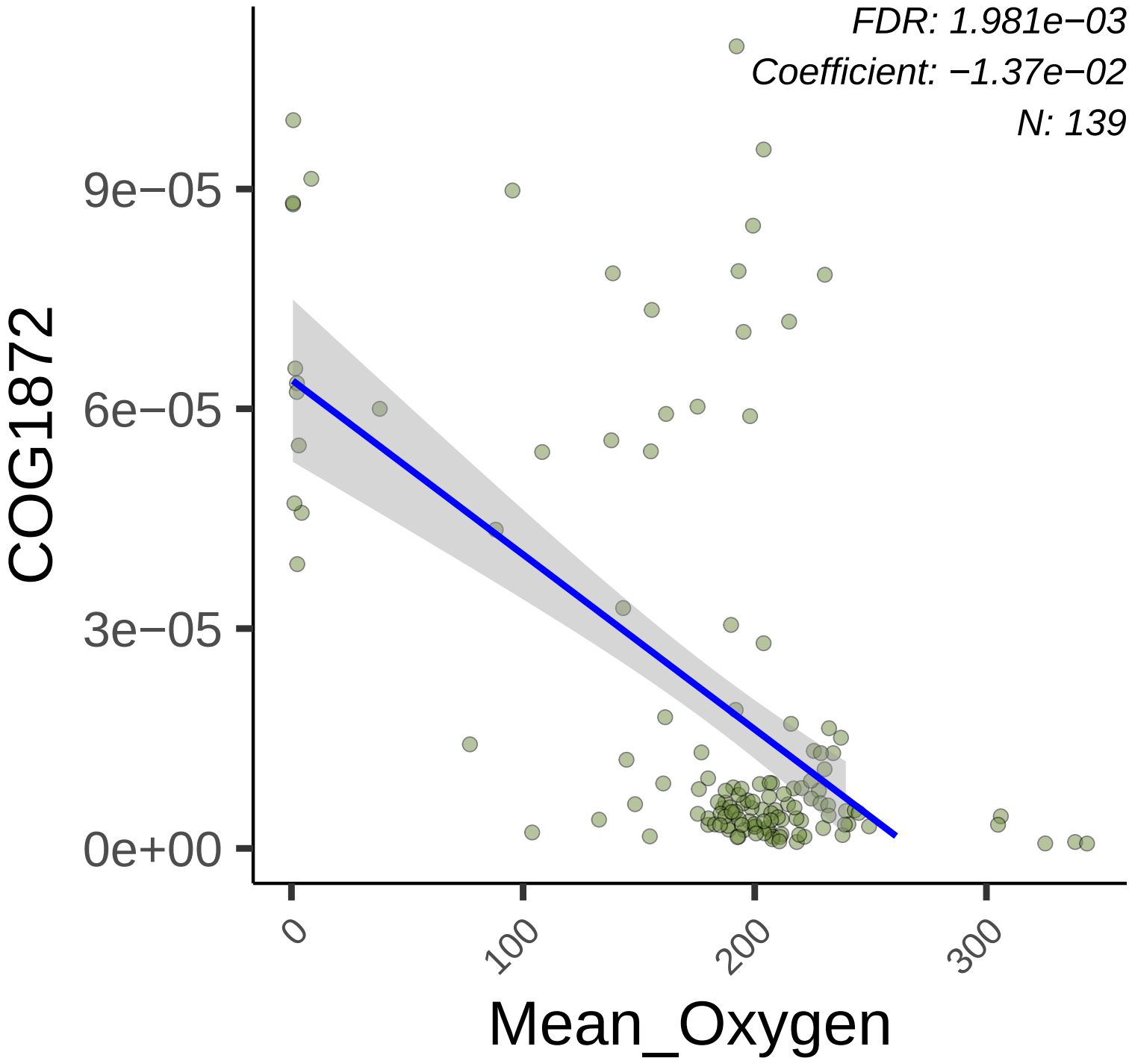
300
Mean_Oxygen


FDR: 1.981e−03
Coefficient: −1.37e−02
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COG1872
9e−05
6e−05
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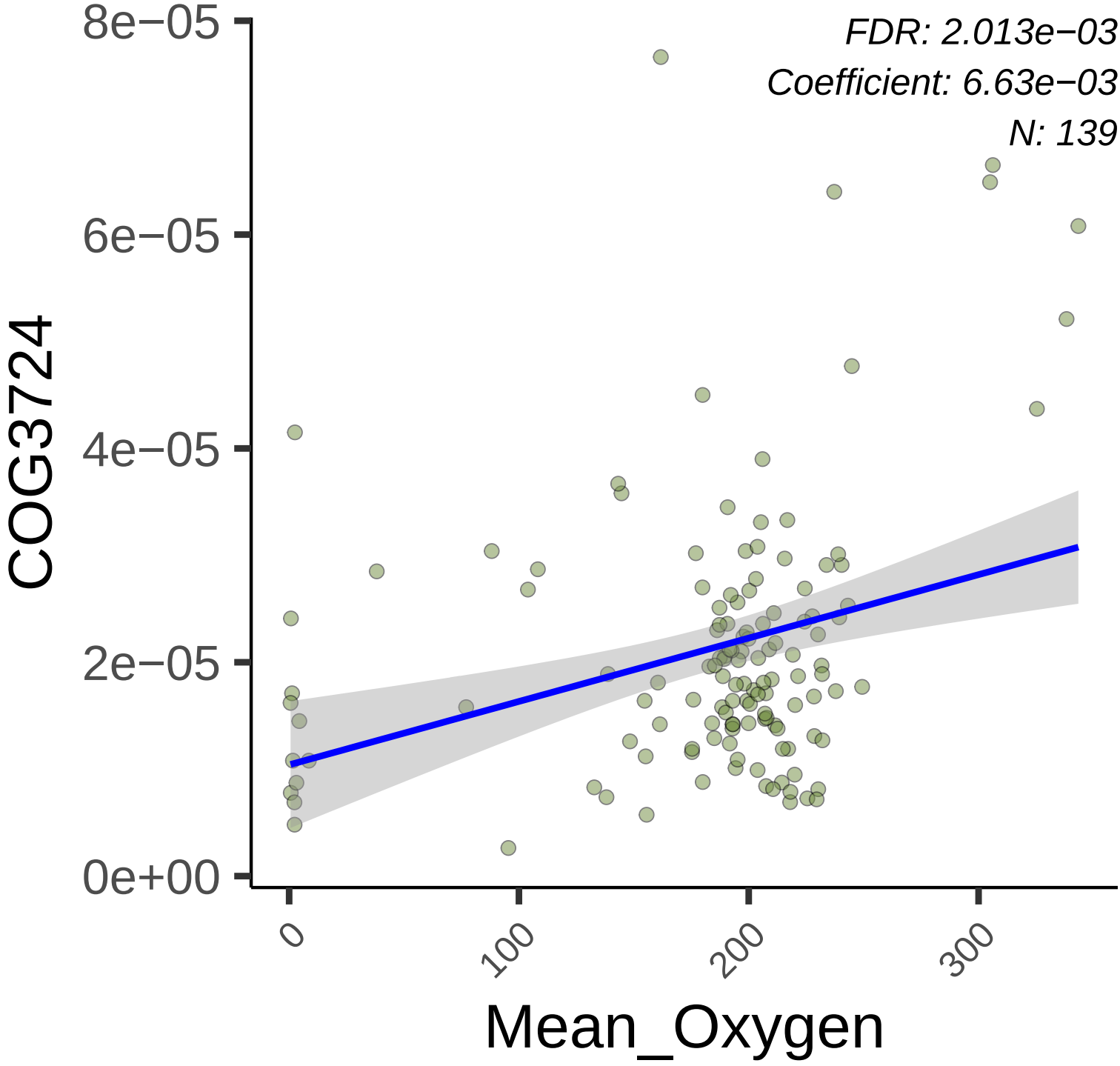
200
300
Mean_Oxygen


FDR: 2.013e−03
Coefficient: 6.63e−03
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4e−05
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COG3724
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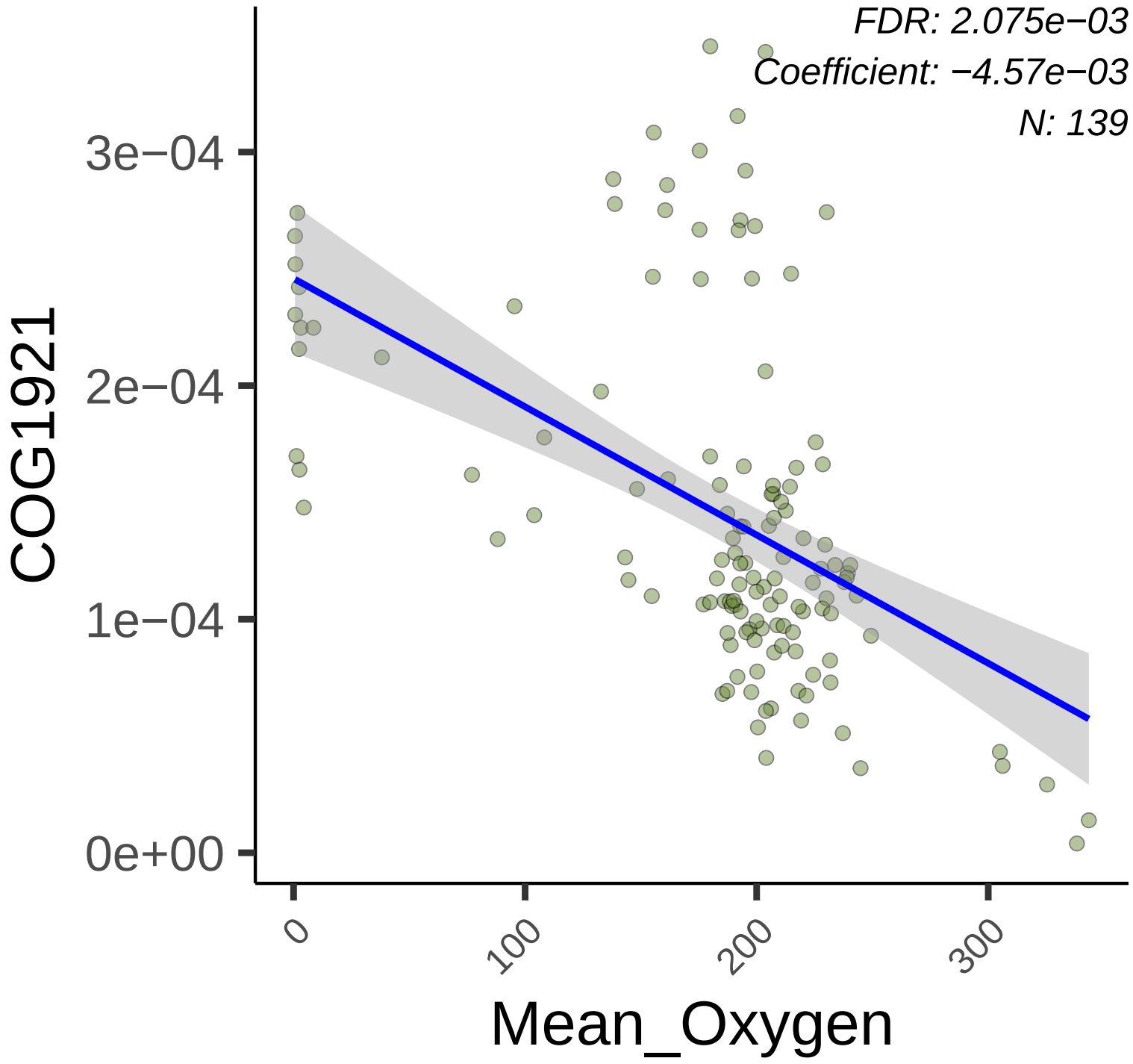
300
Mean_Oxygen


FDR: 2.075e−03
Coefficient: −4.57e−03
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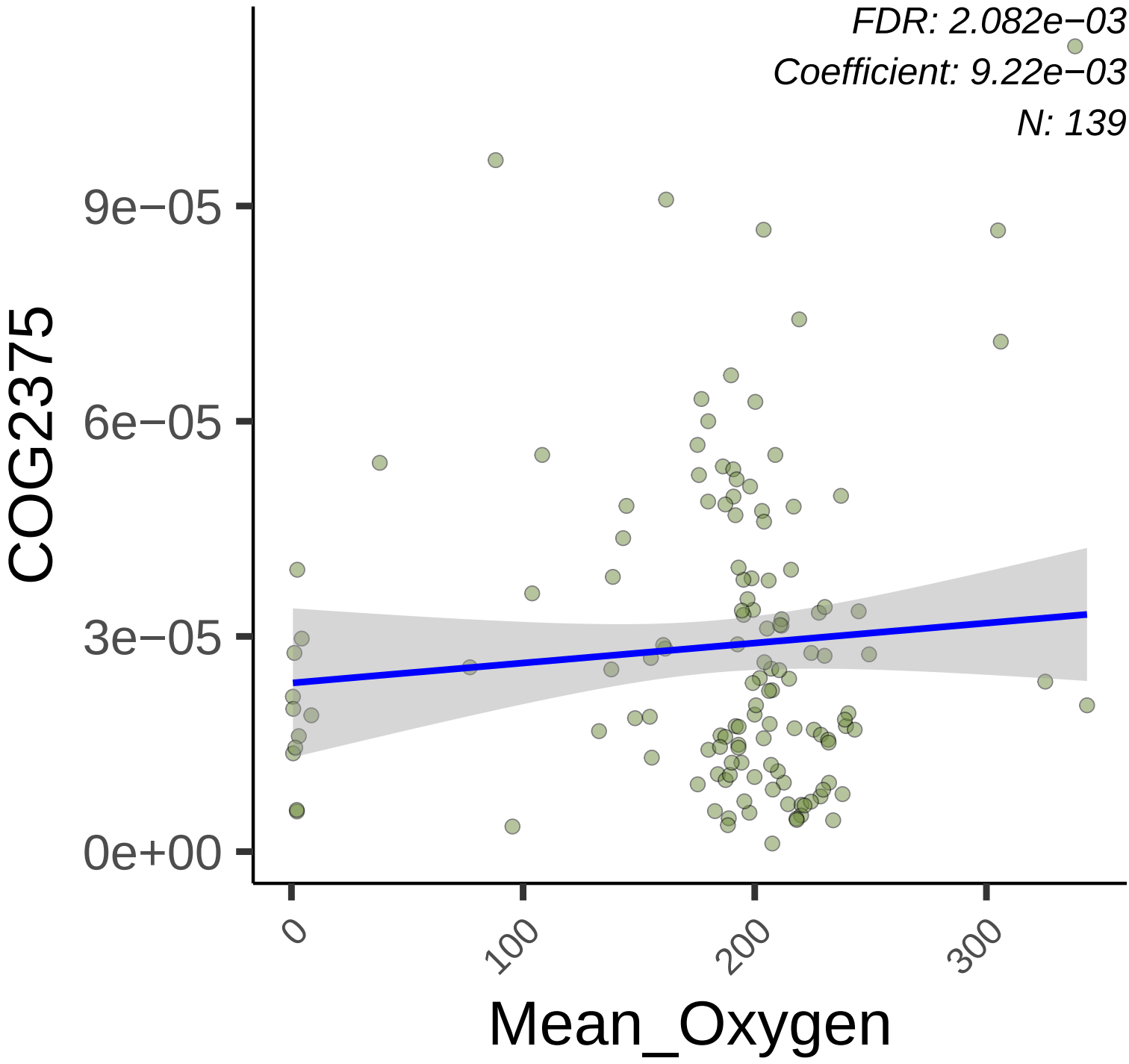
200
300
Mean_Oxygen


FDR: 2.082e−03
Coefficient: 9.22e−03
N: 139
COG2375
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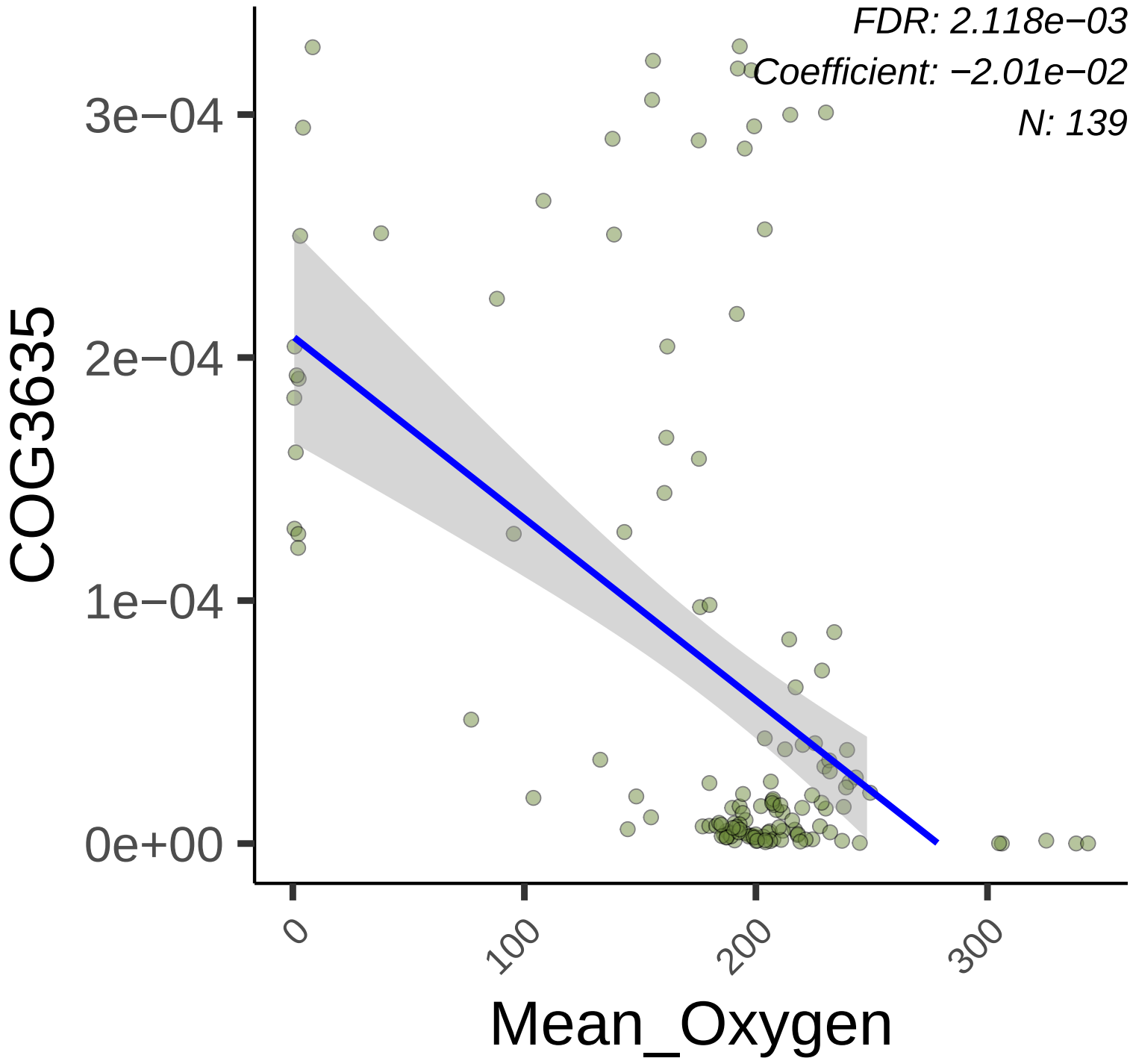
300
Mean_Oxygen


FDR: 2.118e−03
Coefficient: −2.01e−02
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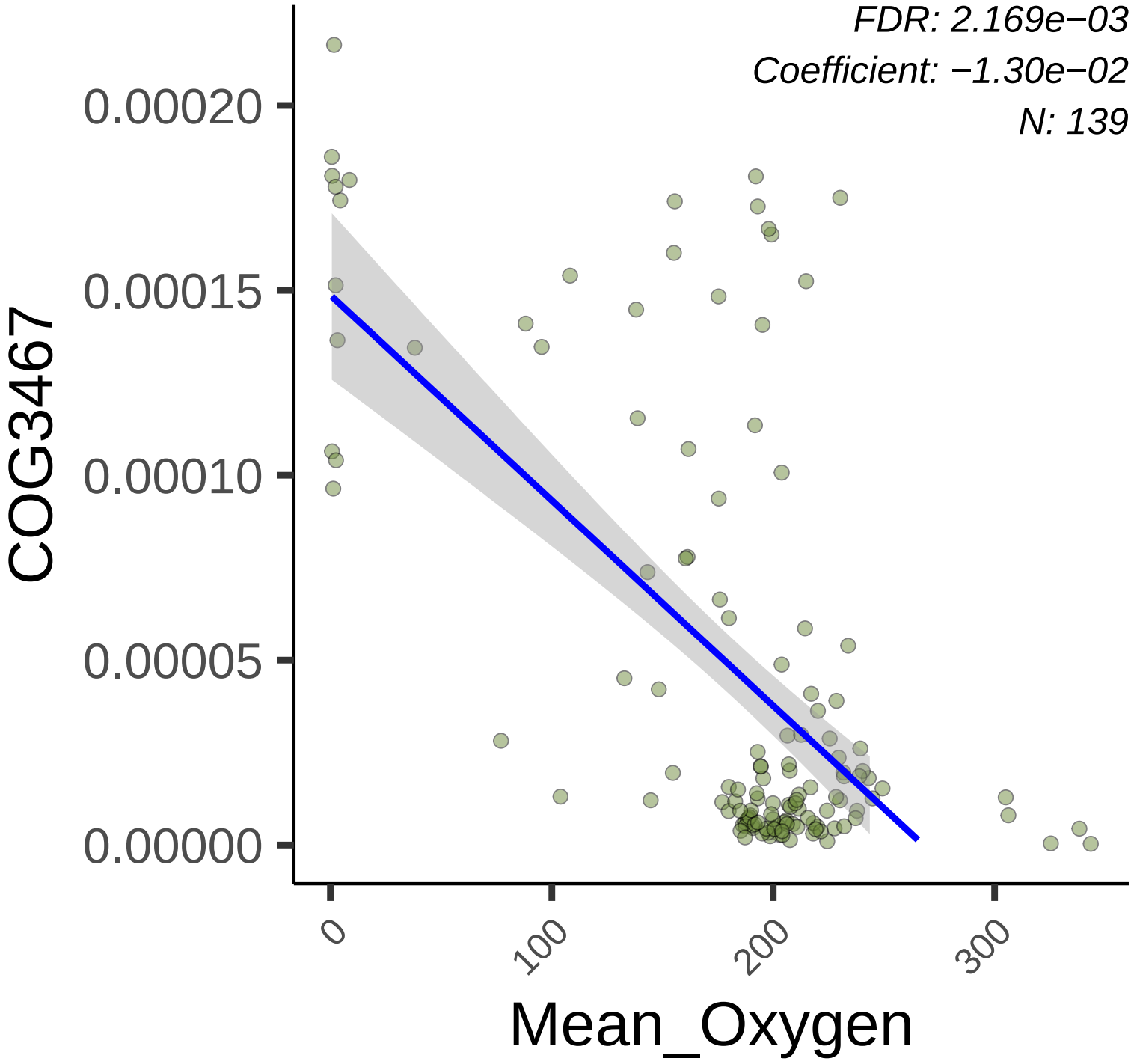
Mean_Oxygen


FDR: 2.169e−03
Coefficient: −1.30e−02
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0.00000
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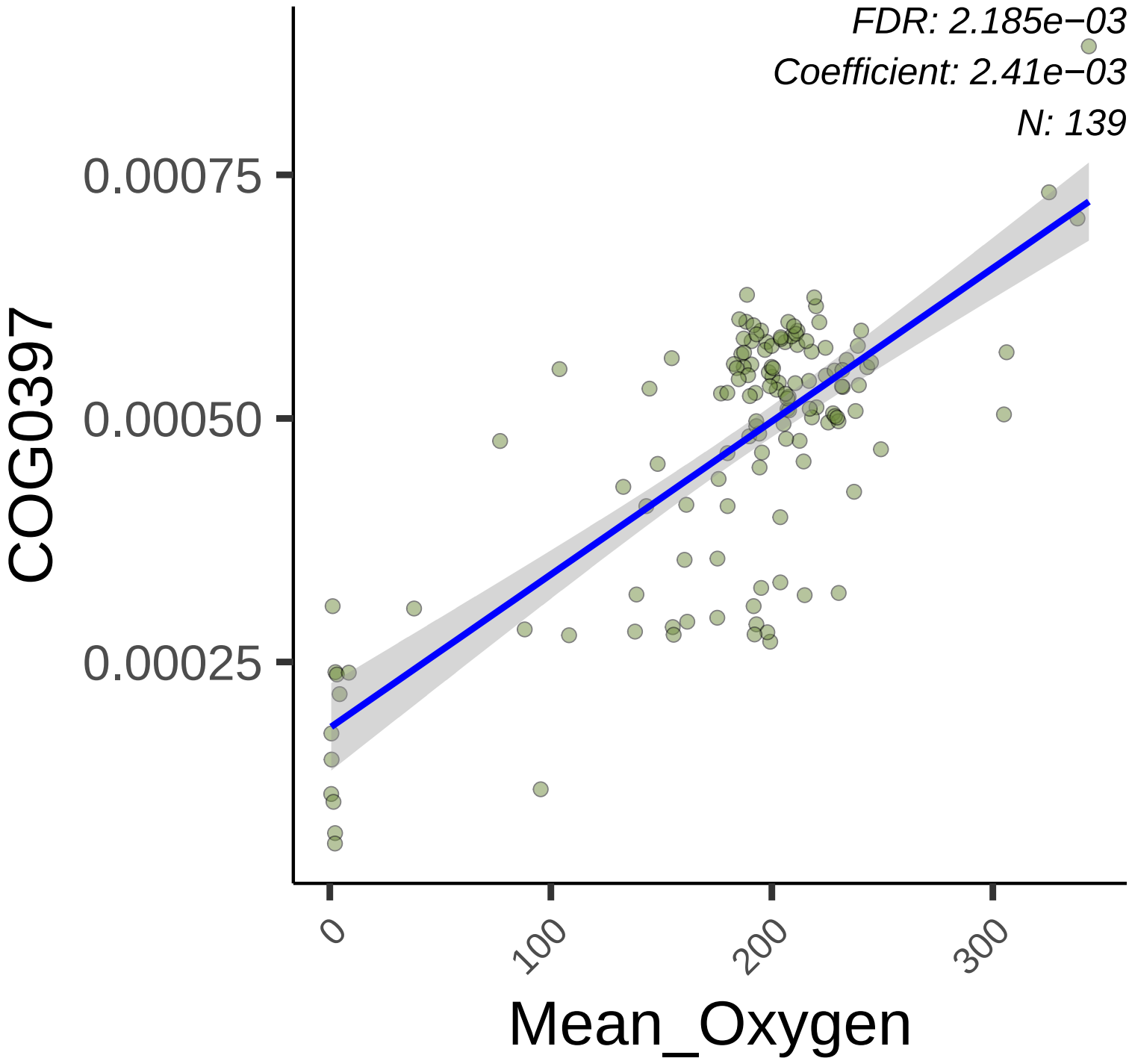
200
300
Mean_Oxygen


FDR: 2.185e−03
Coefficient: 2.41e−03
N: 139
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COG0397
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200
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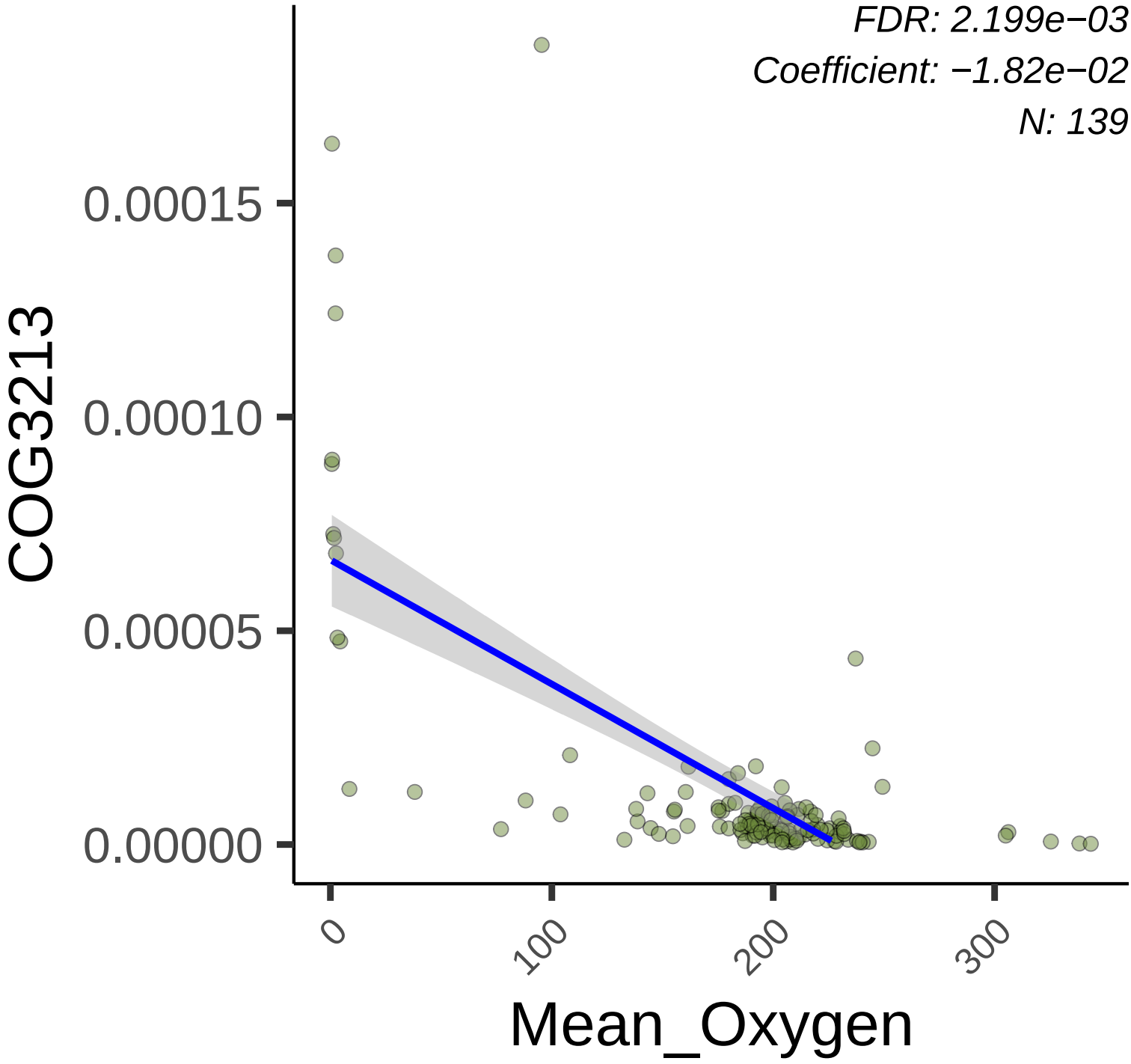
Mean_Oxygen


FDR: 2.199e−03
Coefficient: −1.82e−02
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COG3213
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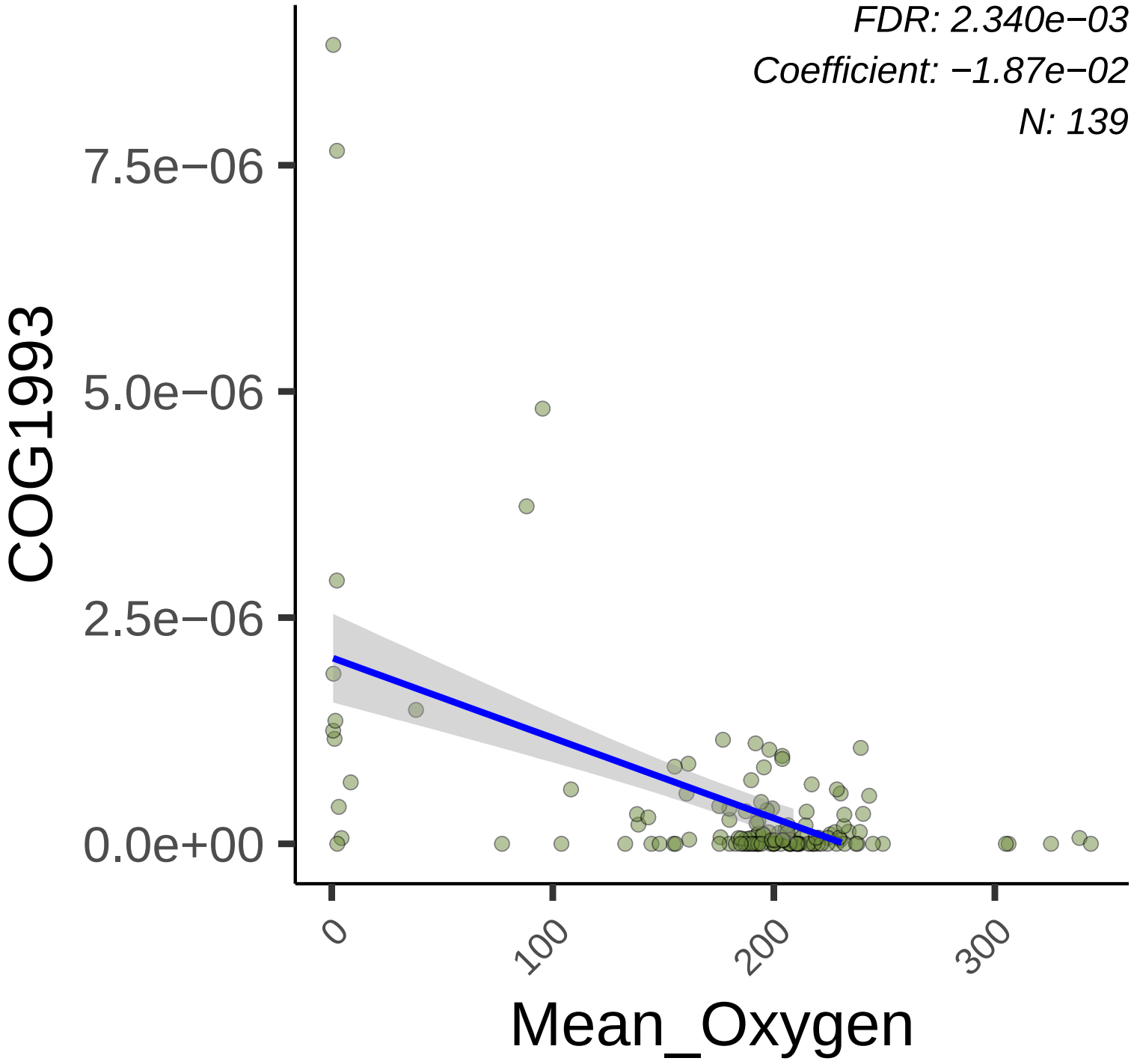
200
300
Mean_Oxygen


FDR: 2.340e−03
Coefficient: −1.87e−02
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COG1993
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2.5e−06
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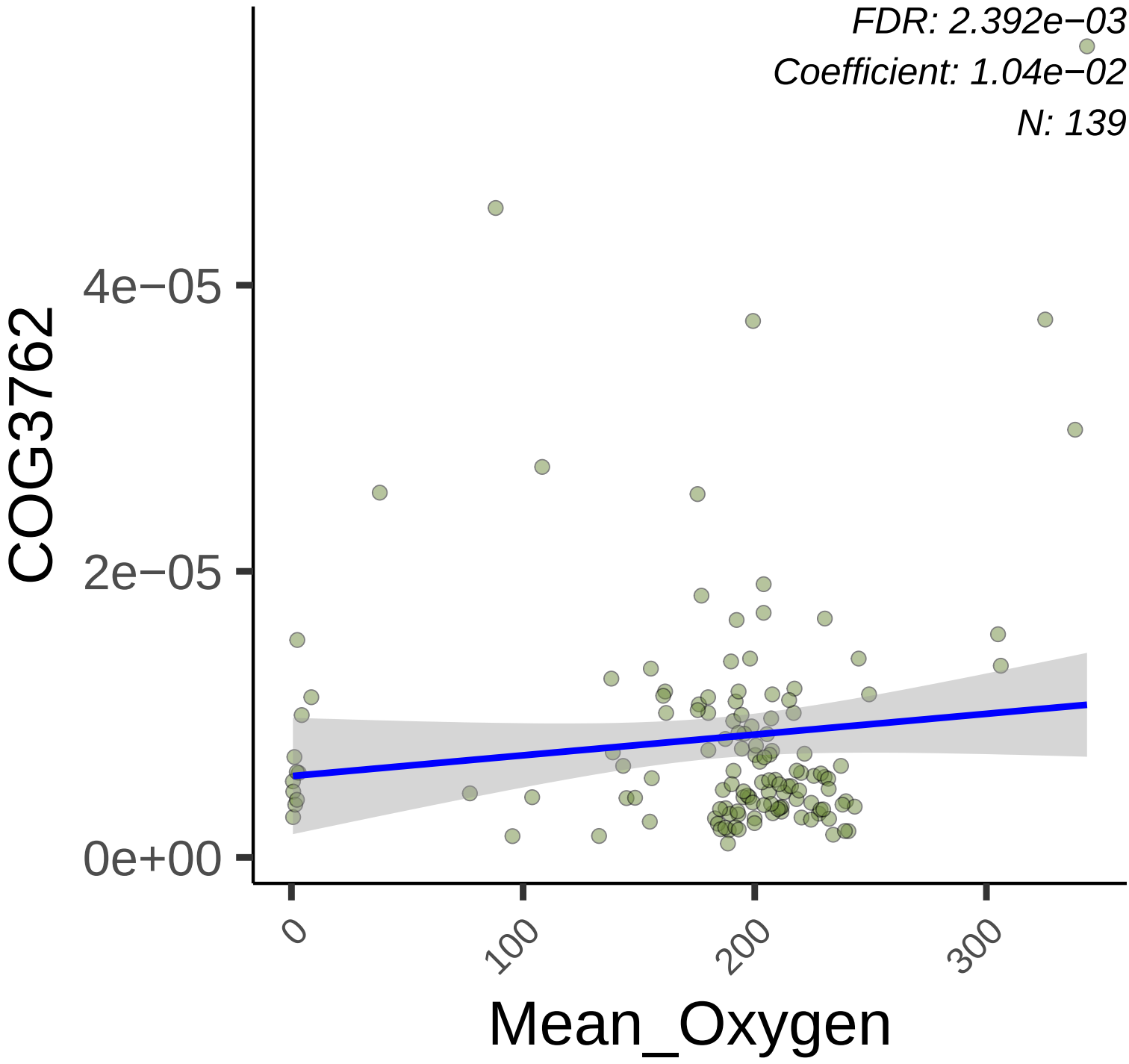
300
Mean_Oxygen


FDR: 2.392e−03
Coefficient: 1.04e−02
N: 139
COG3762
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2e−05
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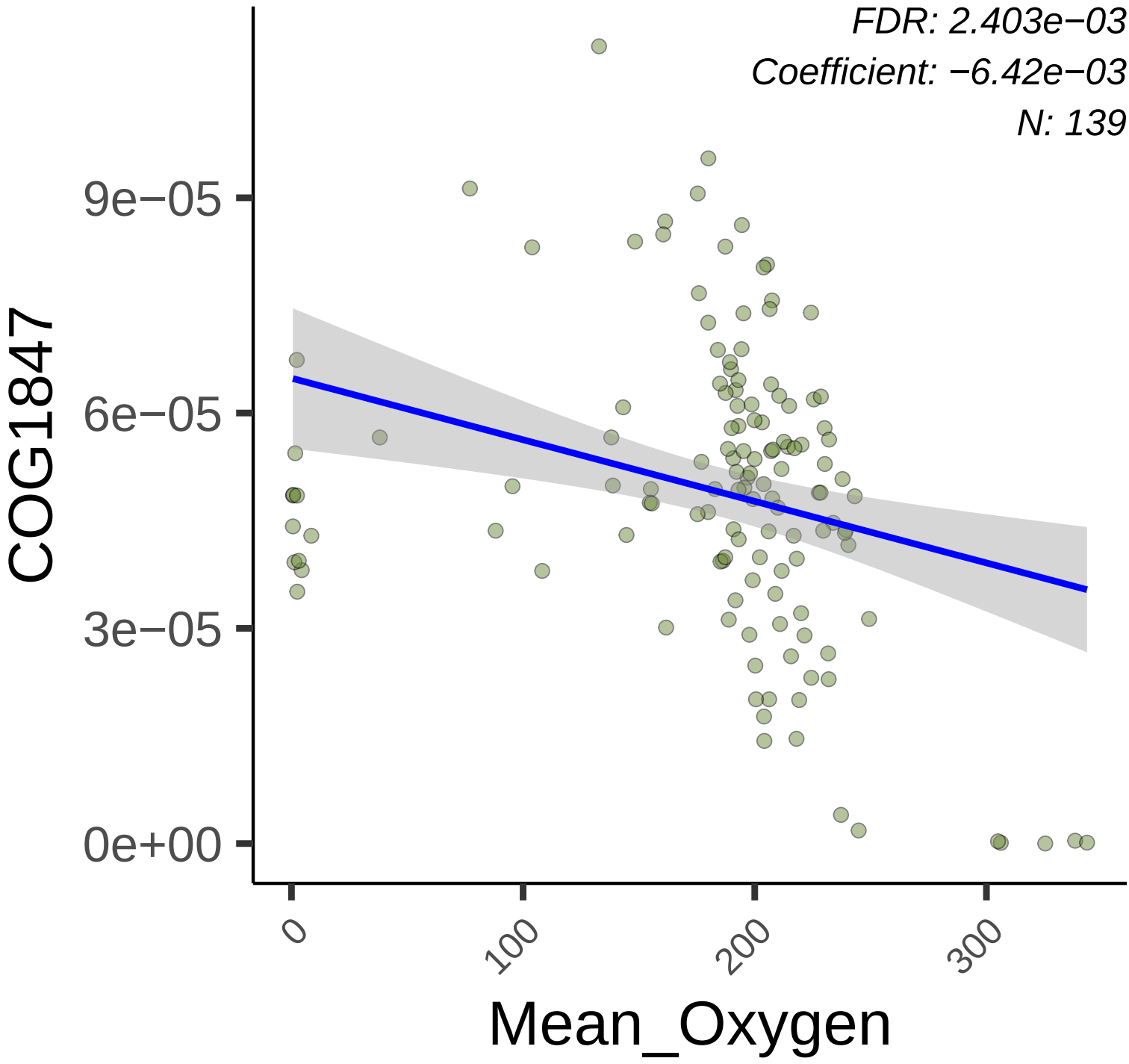
200
300
Mean_Oxygen


FDR: 2.403e−03
Coefficient: −6.42e−03
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COG1847
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6e−05
3e−05
0e+00
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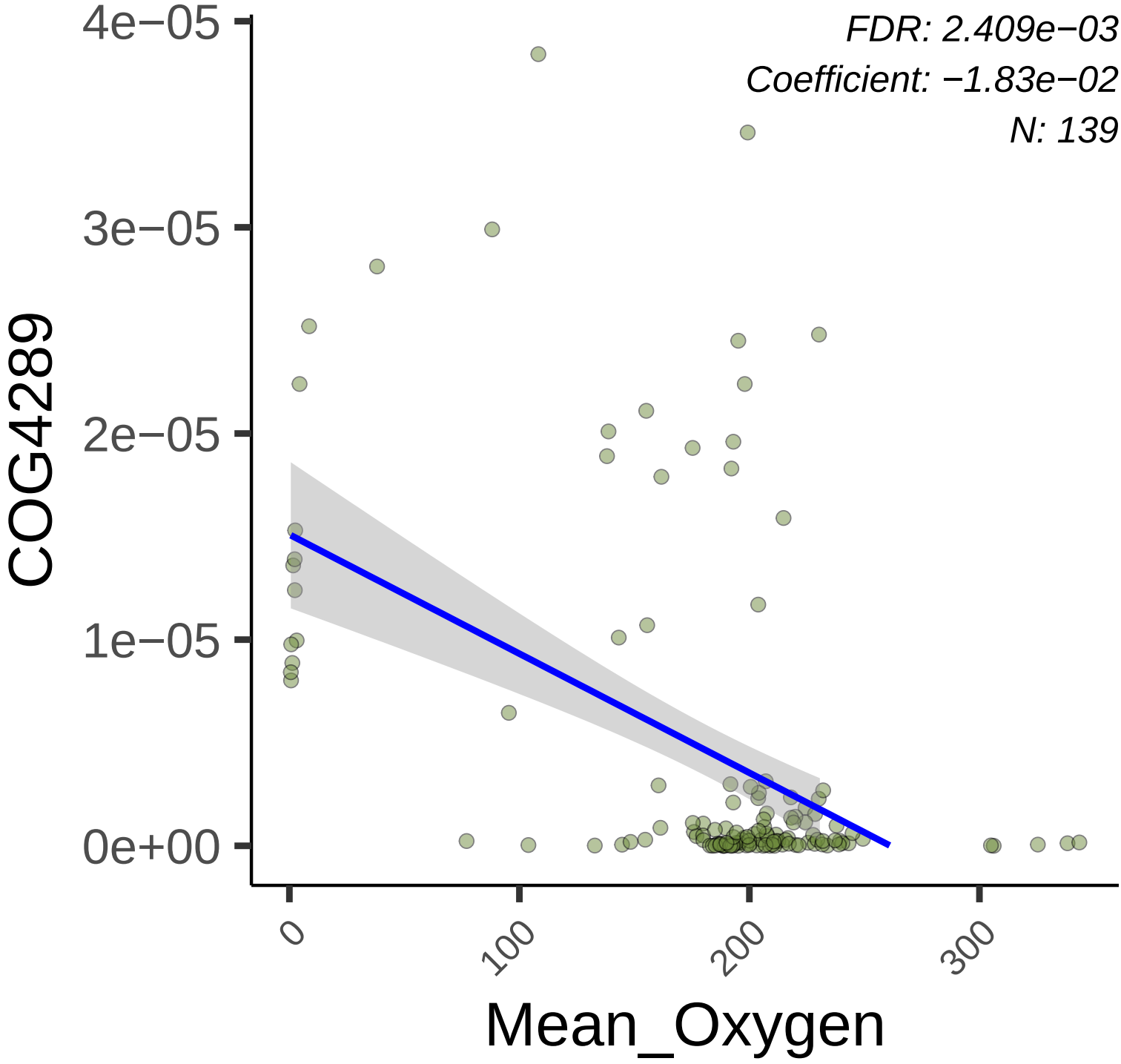
200
300
Mean_Oxygen


FDR: 2.409e−03
Coefficient: −1.83e−02
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COG4289
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2e−05
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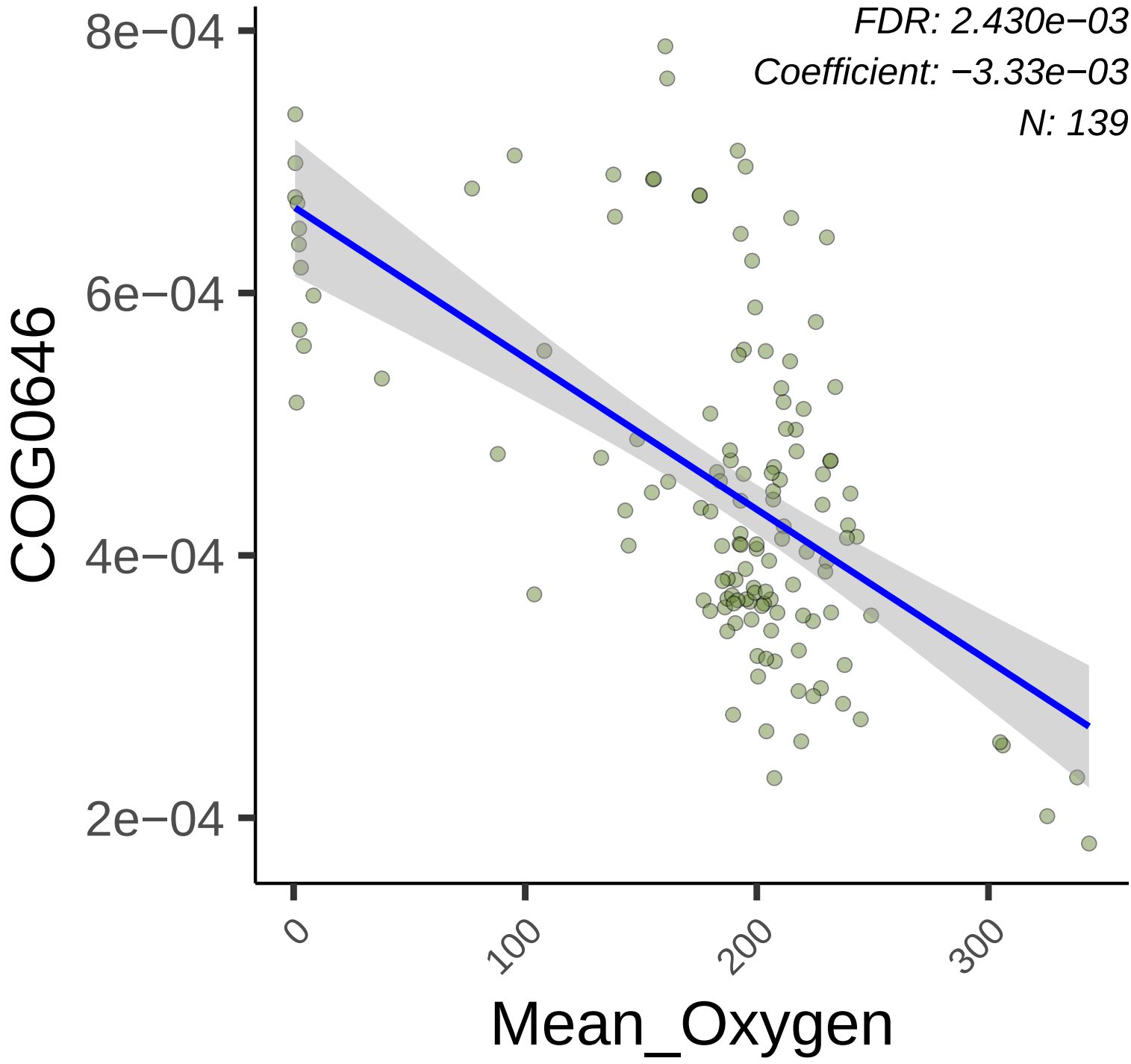
200
300
Mean_Oxygen


FDR: 2.430e−03
Coefficient: −3.33e−03
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8e−04
6e−04
4e−04
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COG0646
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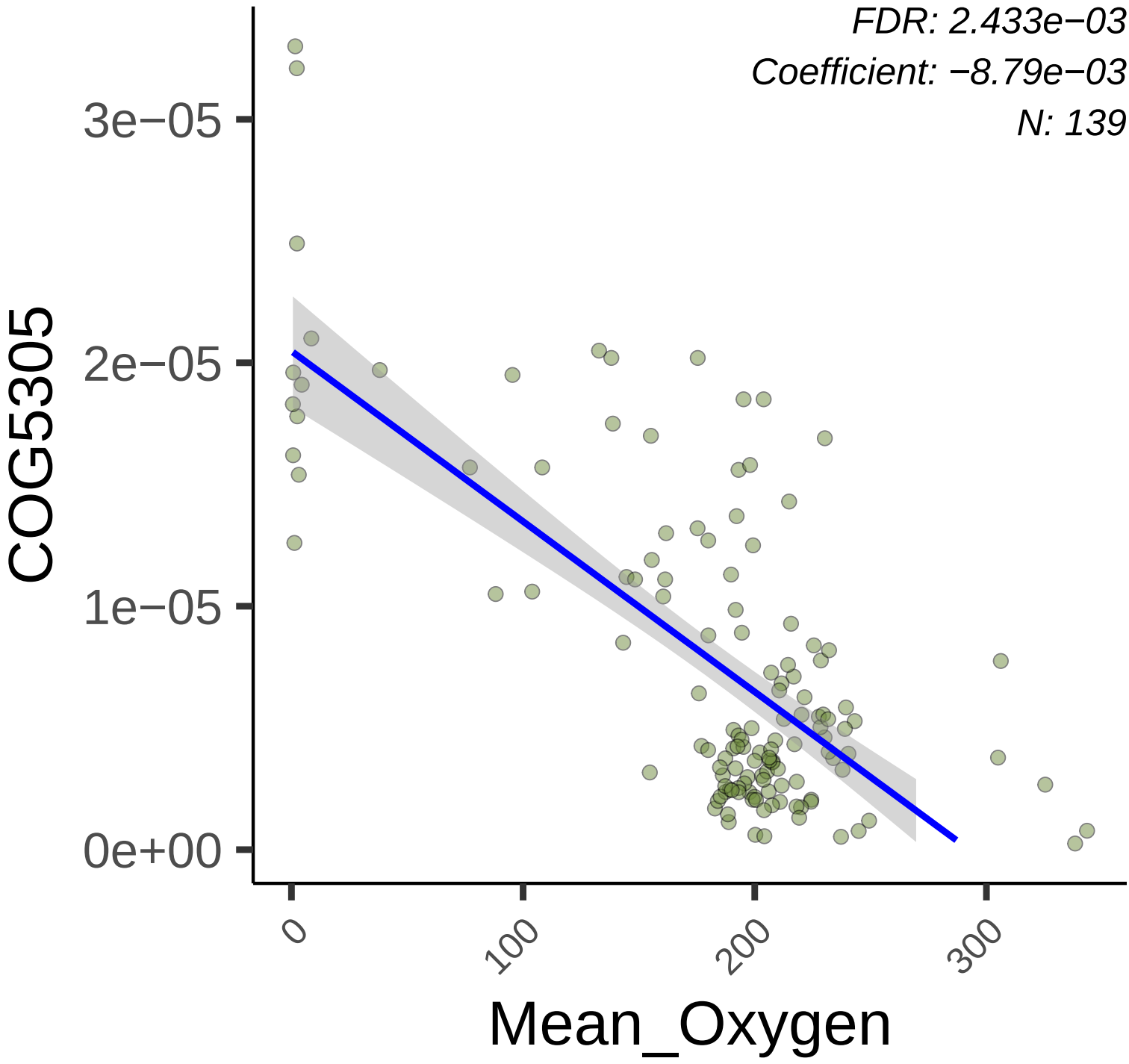
200
300
Mean_Oxygen


FDR: 2.433e−03
Coefficient: −8.79e−03
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COG5305
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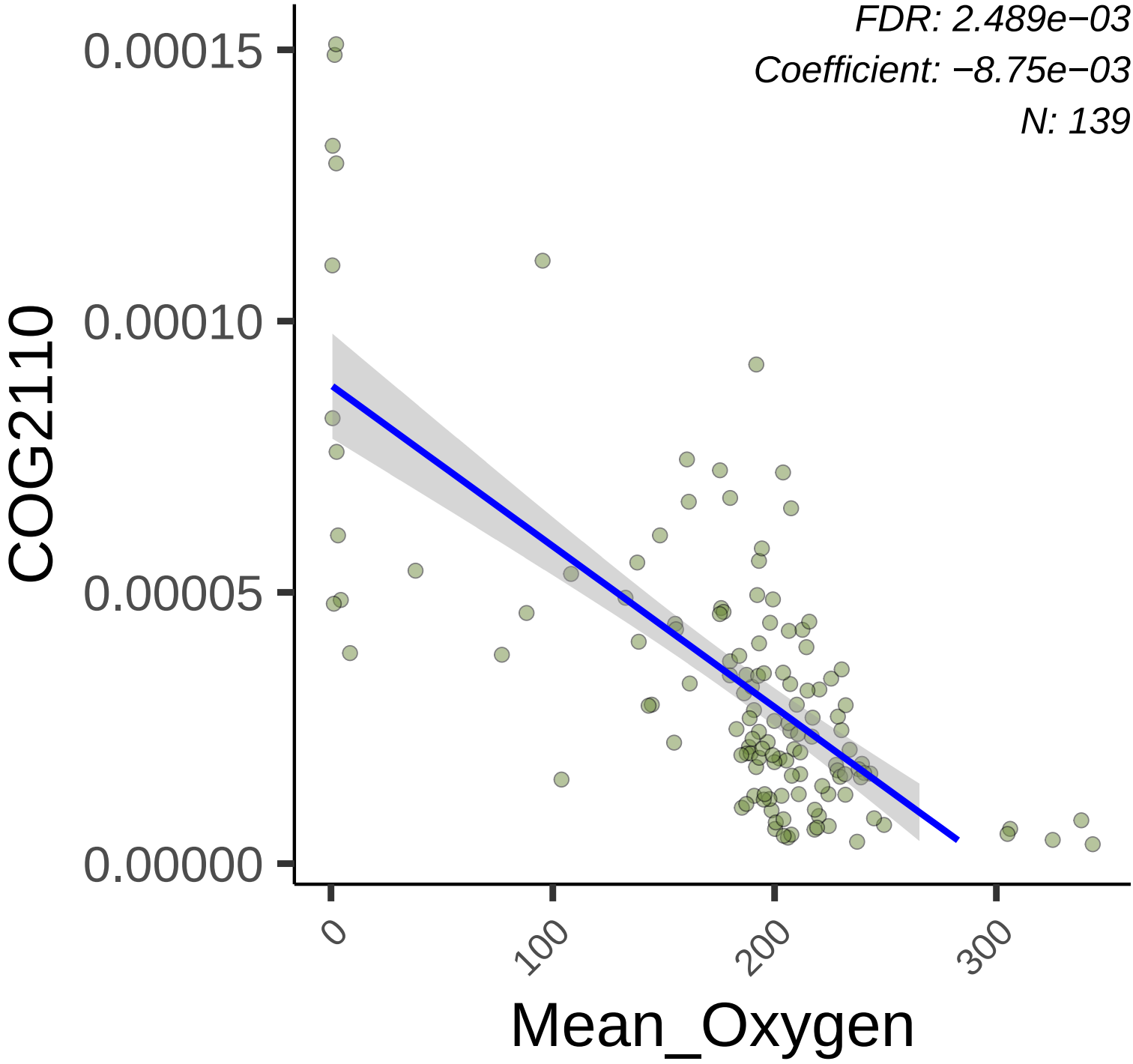
200
300
Mean_Oxygen


FDR: 2.489e−03
Coefficient: −8.75e−03
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COG2110
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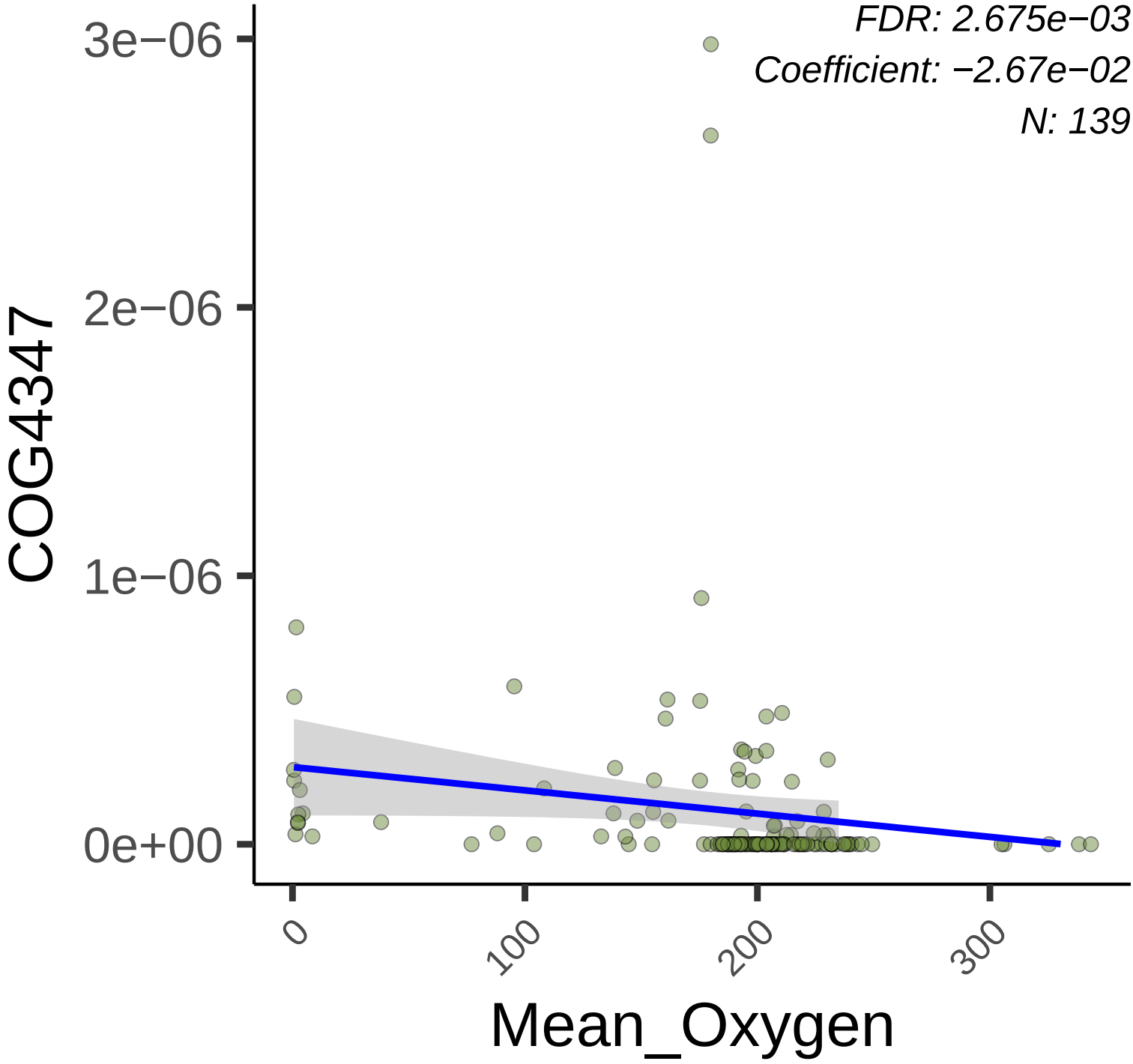
200
300
Mean_Oxygen


FDR: 2.675e−03
Coefficient: −2.67e−02
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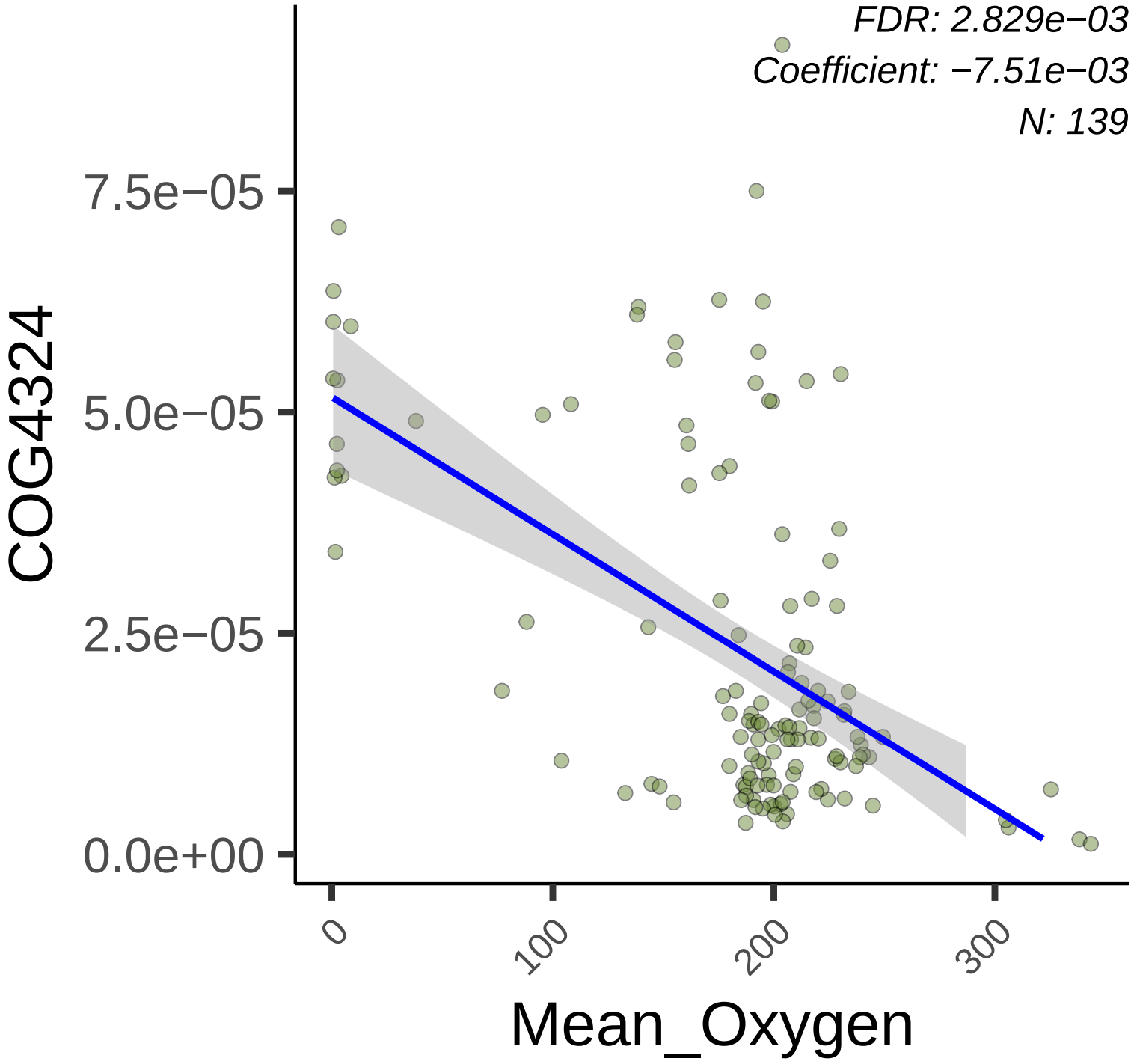
300
Mean_Oxygen


FDR: 2.829e−03
Coefficient: −7.51e−03
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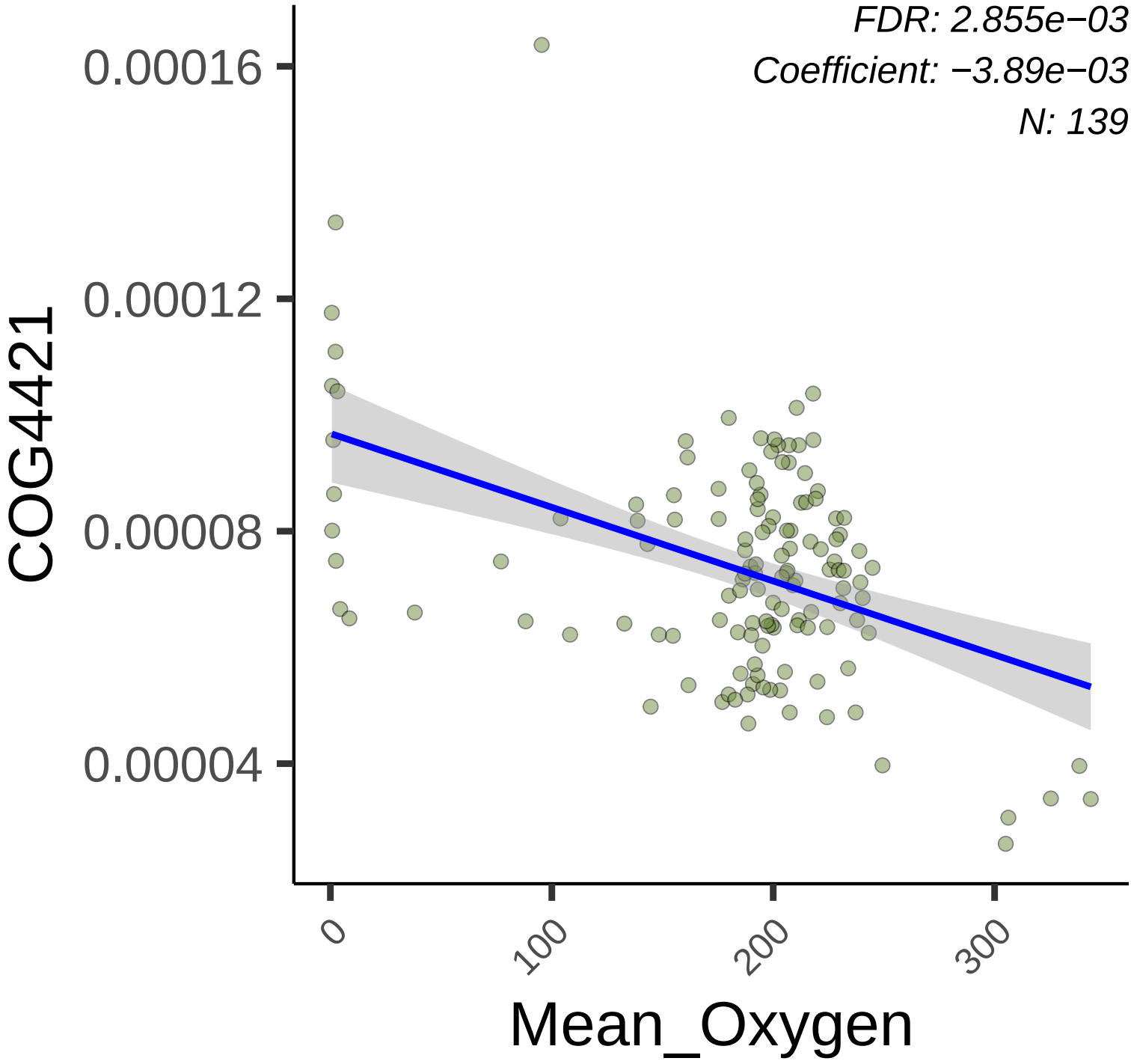
200
300
Mean_Oxygen


FDR: 2.855e−03
Coefficient: −3.89e−03
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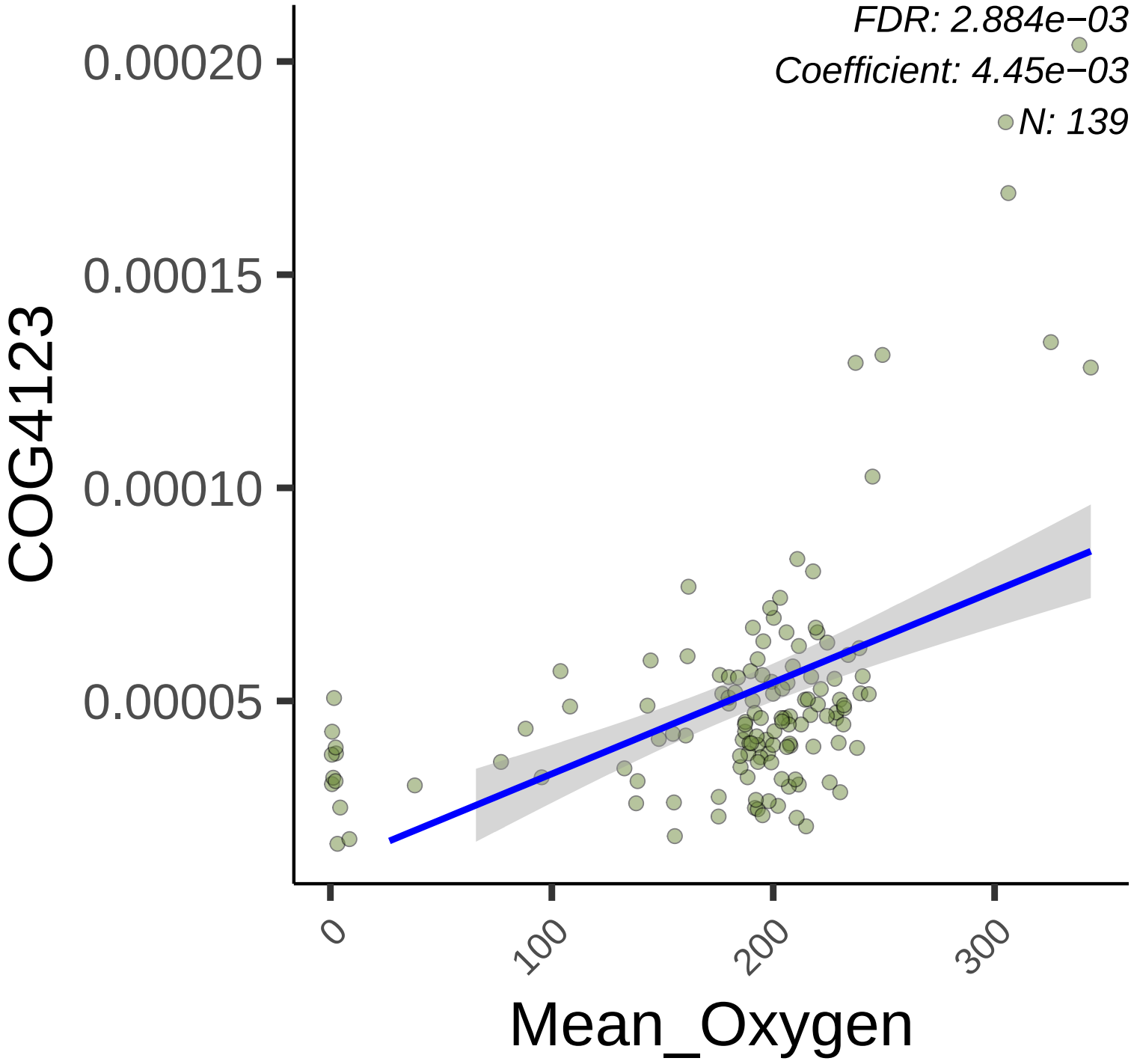
200
300
Mean_Oxygen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Coefficient: 4.45e−03
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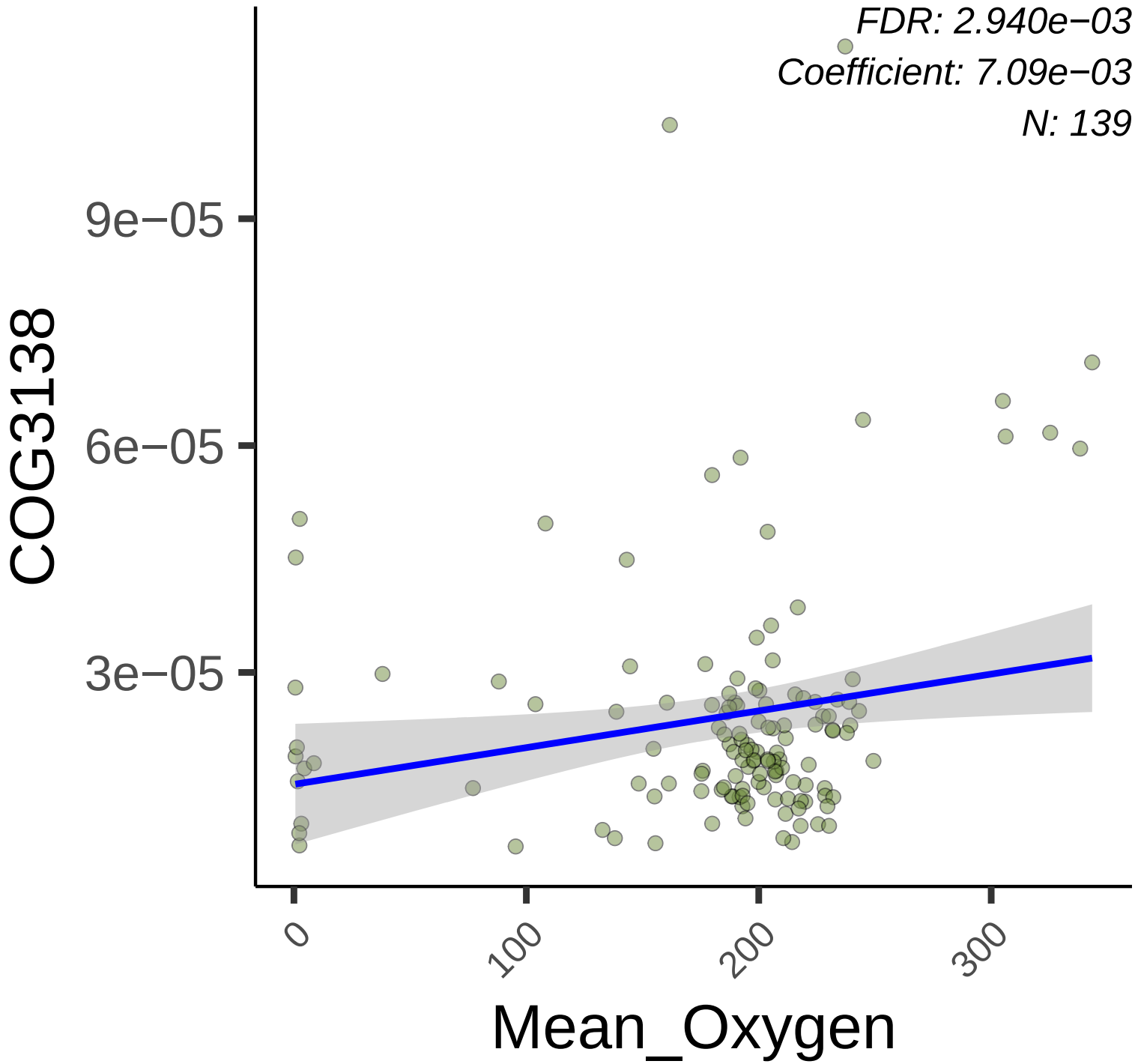
200
300
Mean_Oxygen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Coefficient: 7.09e−03
N: 139
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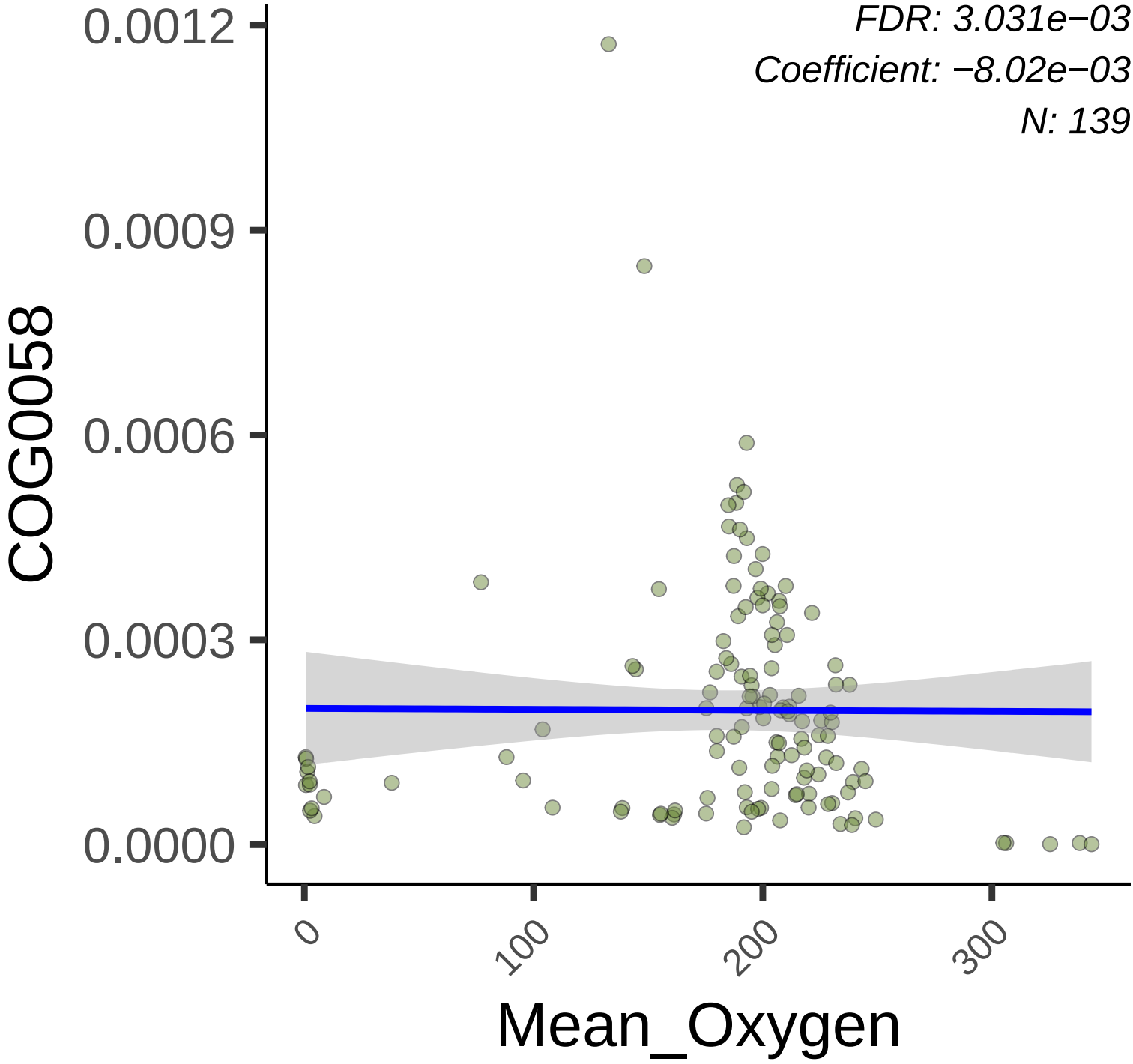
Mean_Oxygen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Coefficient: −8.02e−03
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0.0003
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COG0058
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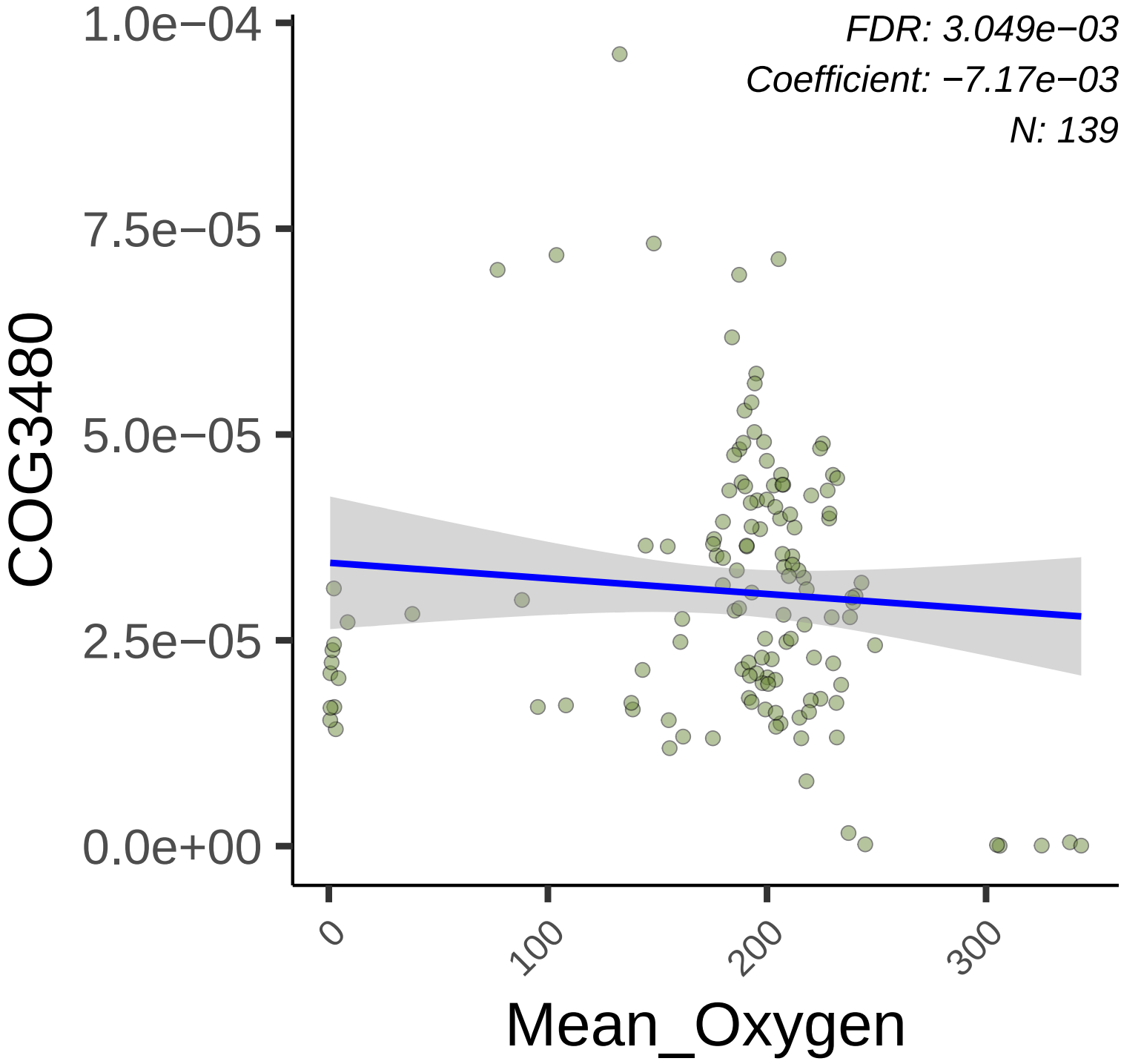
200
300
Mean_Oxygen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Coefficient: −7.17e−03
N: 139
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5.0e−05
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COG3480
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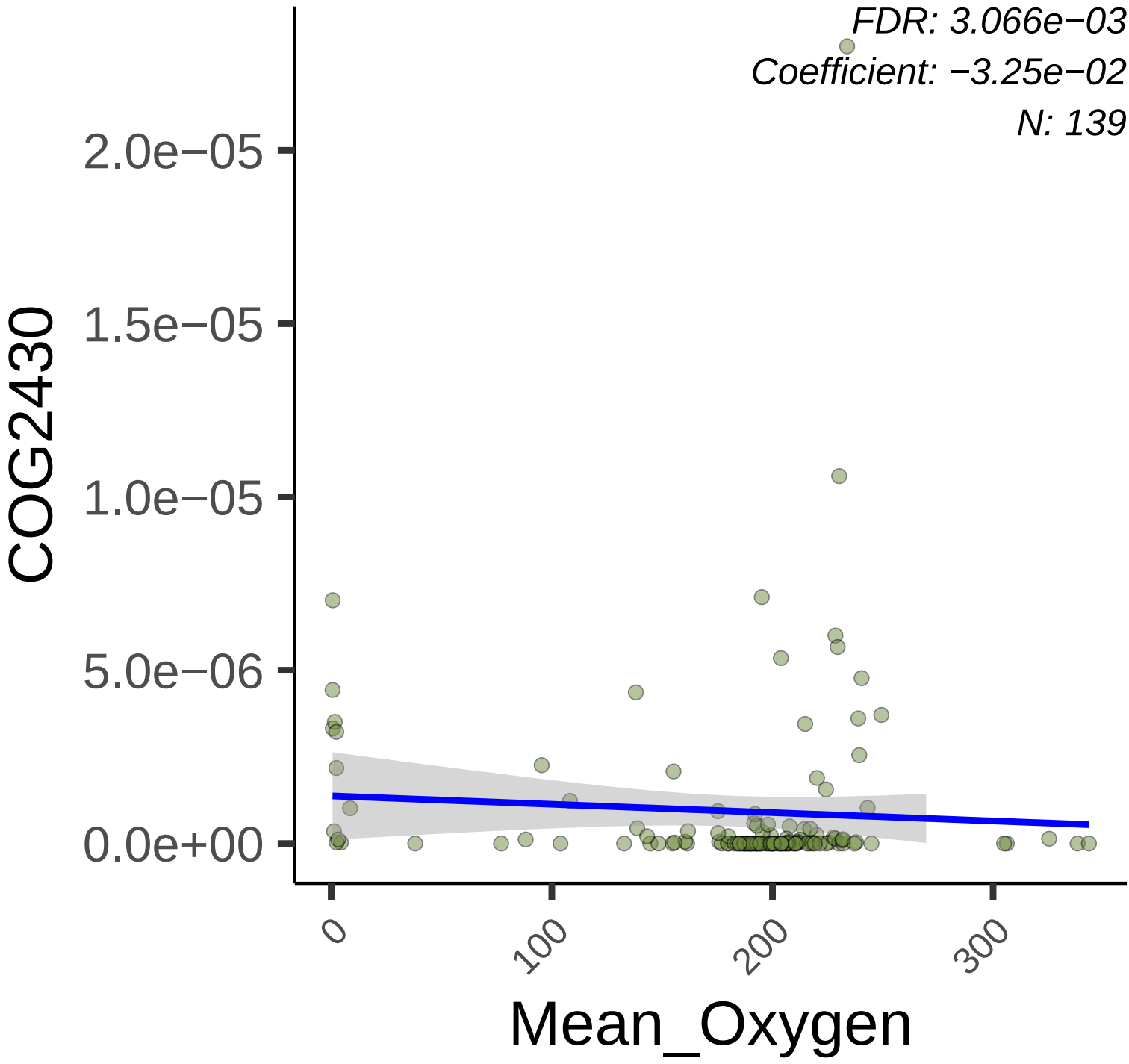
200
300
Mean_Oxygen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Coefficient: −3.25e−02
N: 139
COG2430
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1.0e−05
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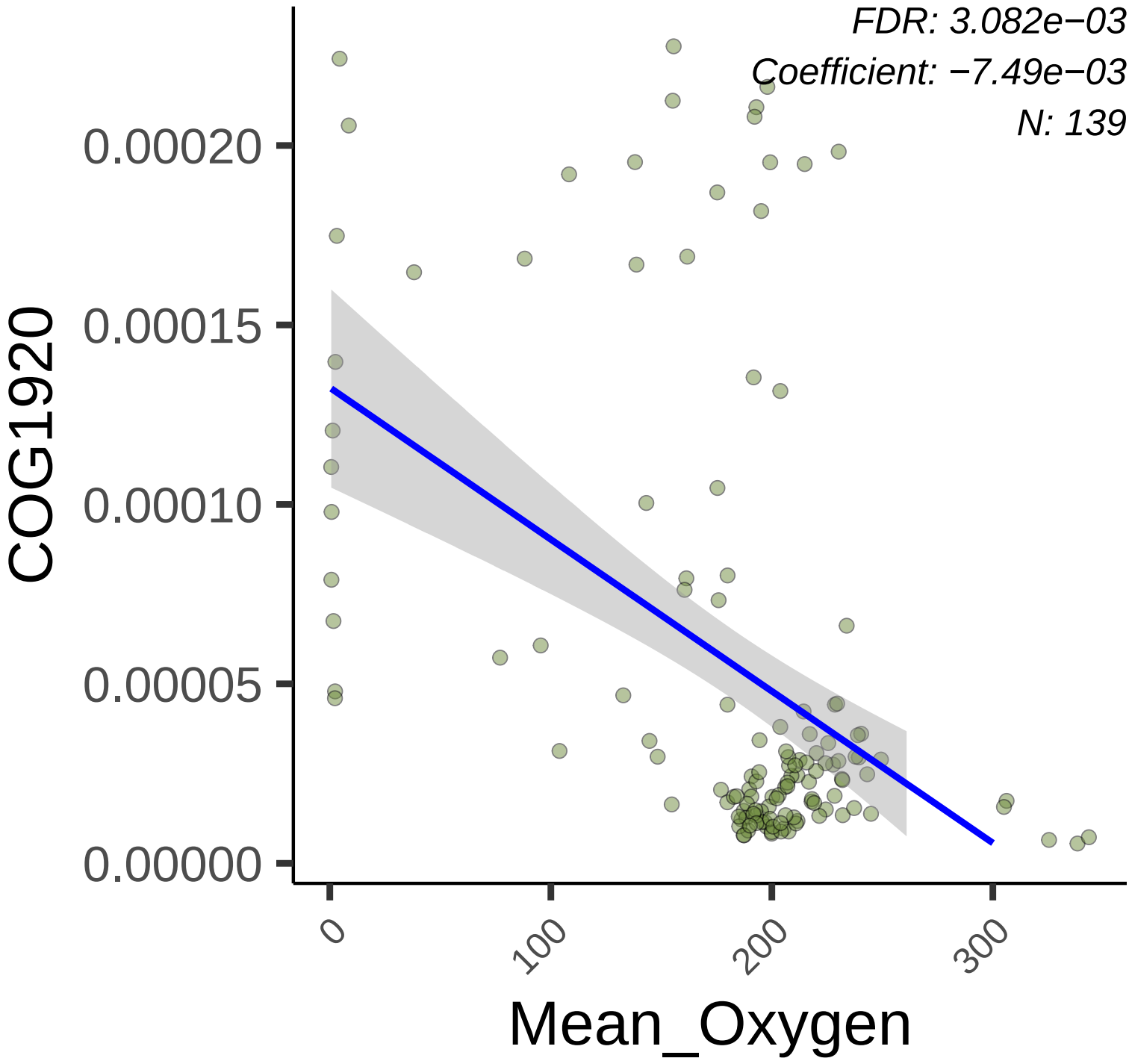
200
300
Mean_Oxygen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Coefficient: −7.49e−03
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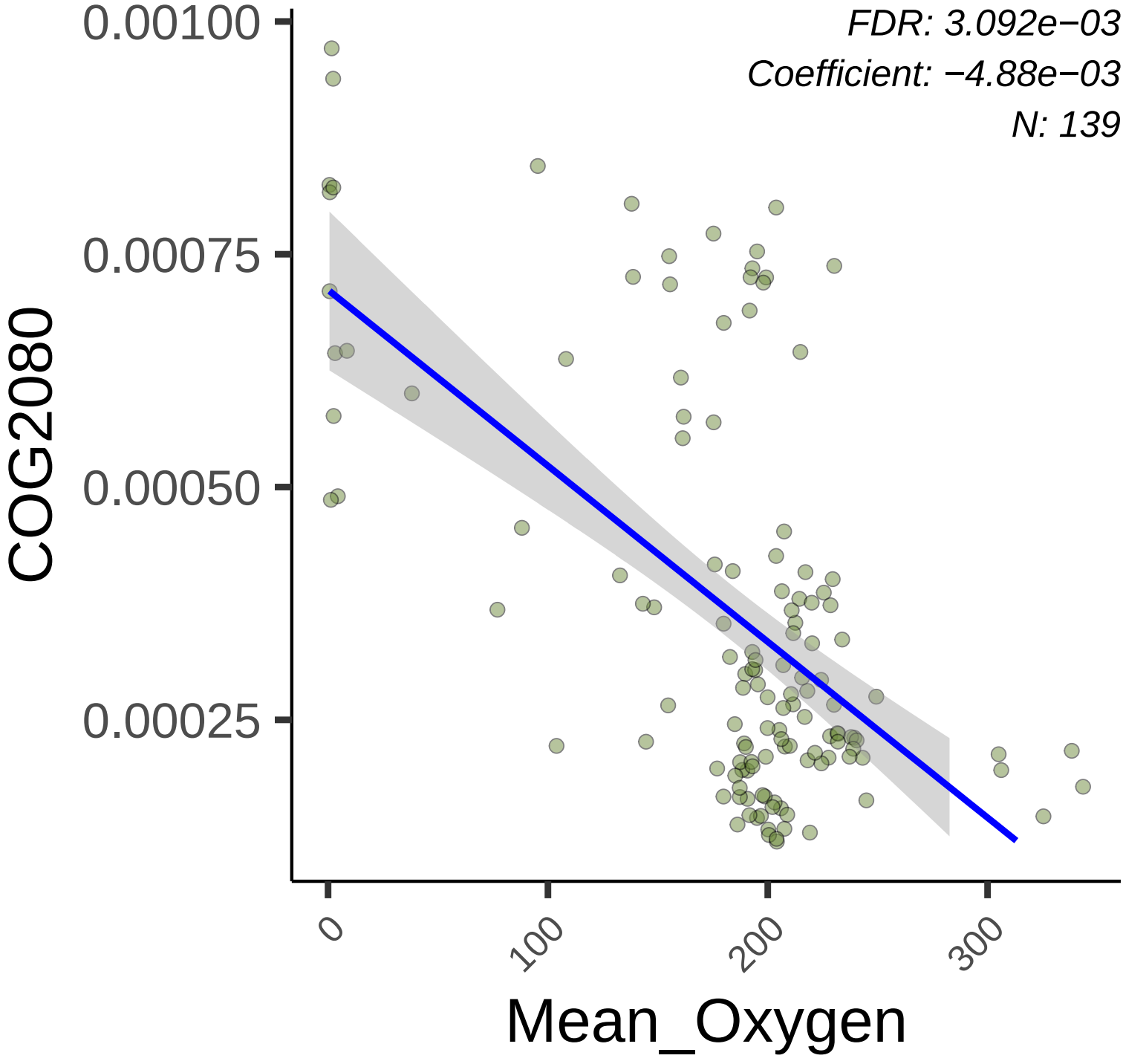
Mean_Oxygen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Coefficient: −4.88e−03
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COG2080
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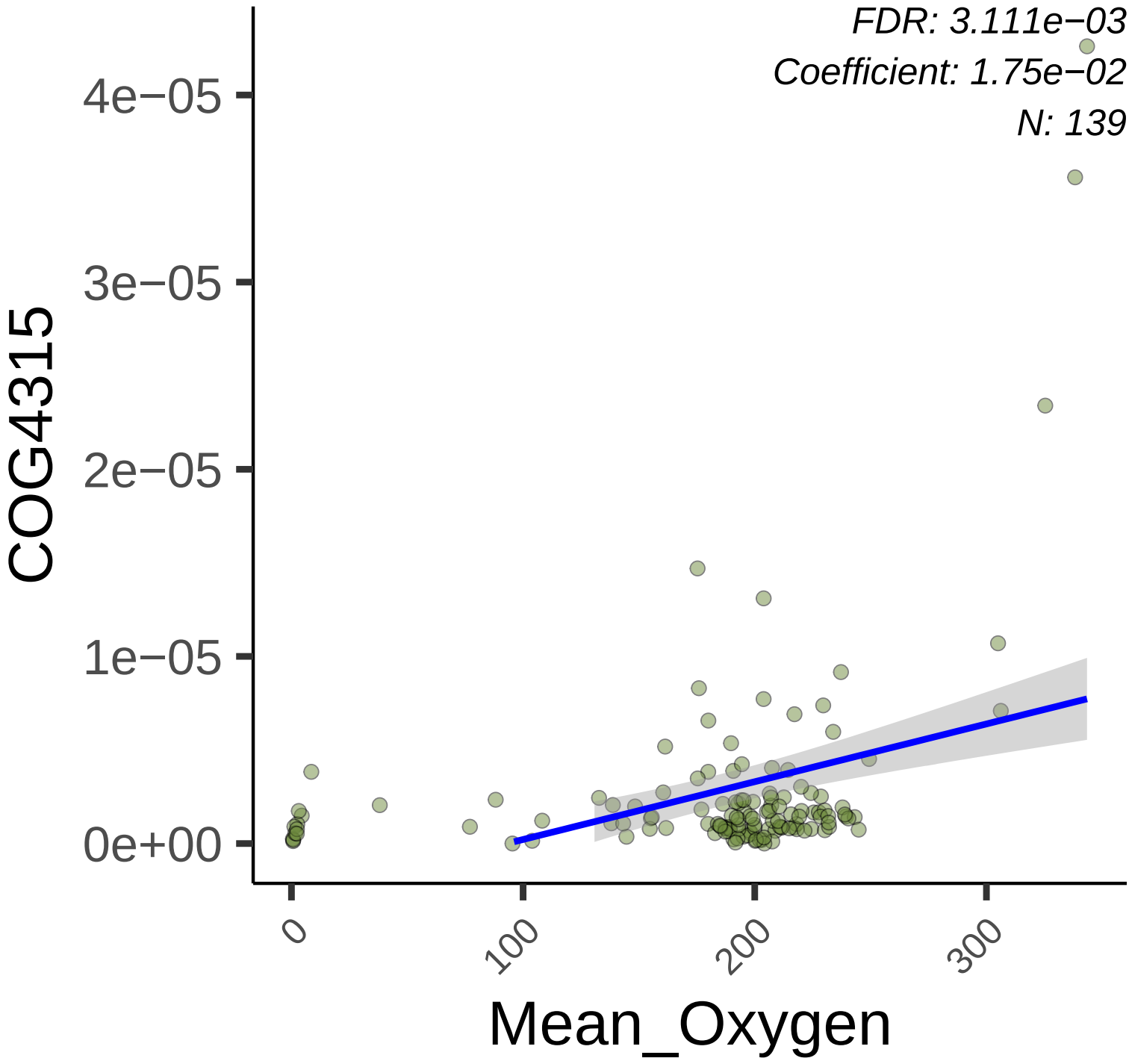
Mean_Oxygen


FDR: 3.111e−03
Coefficient: 1.75e−02
N: 139
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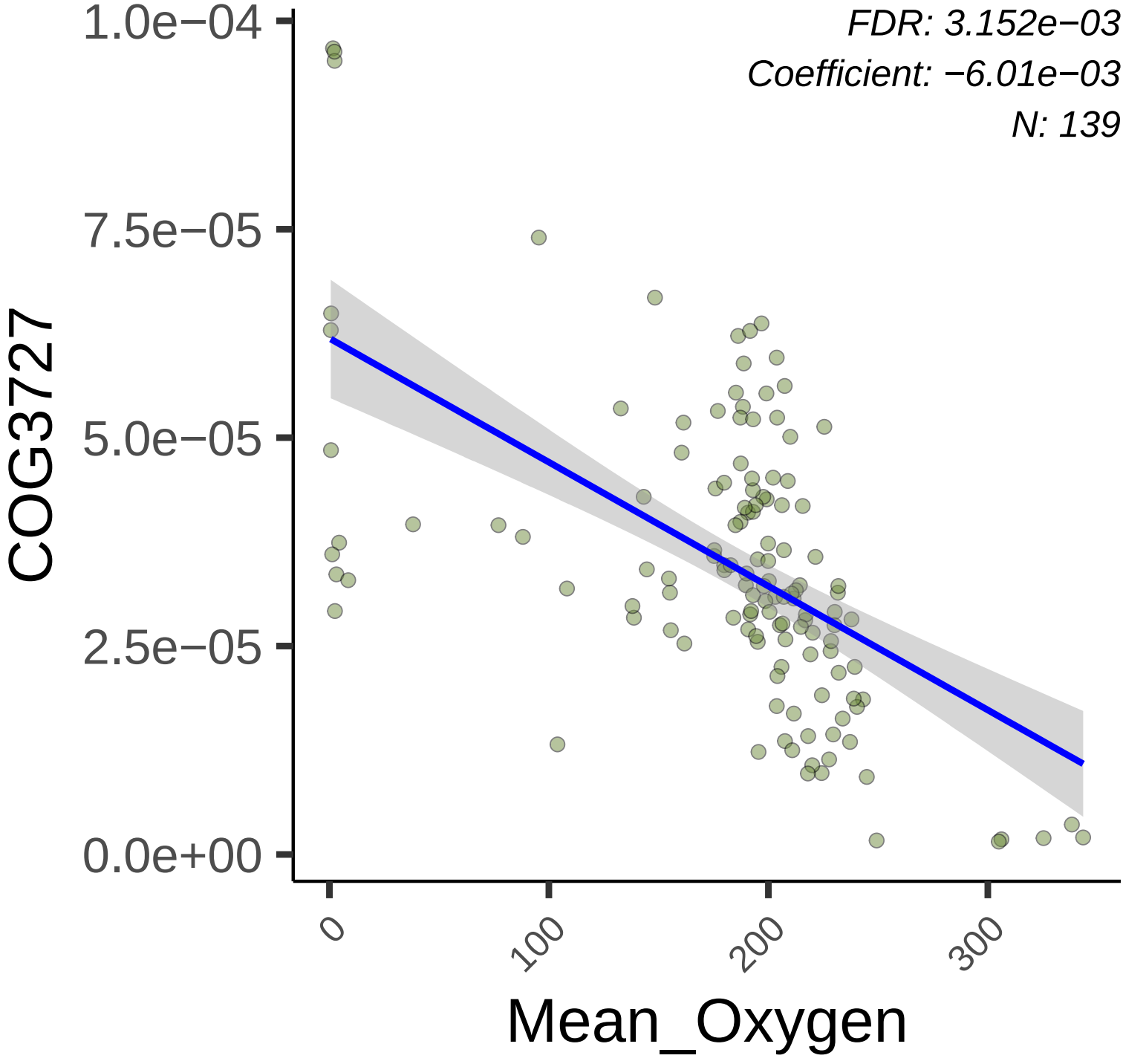
300
Mean_Oxygen


FDR: 3.152e−03
Coefficient: −6.01e−03
N: 139
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COG3727
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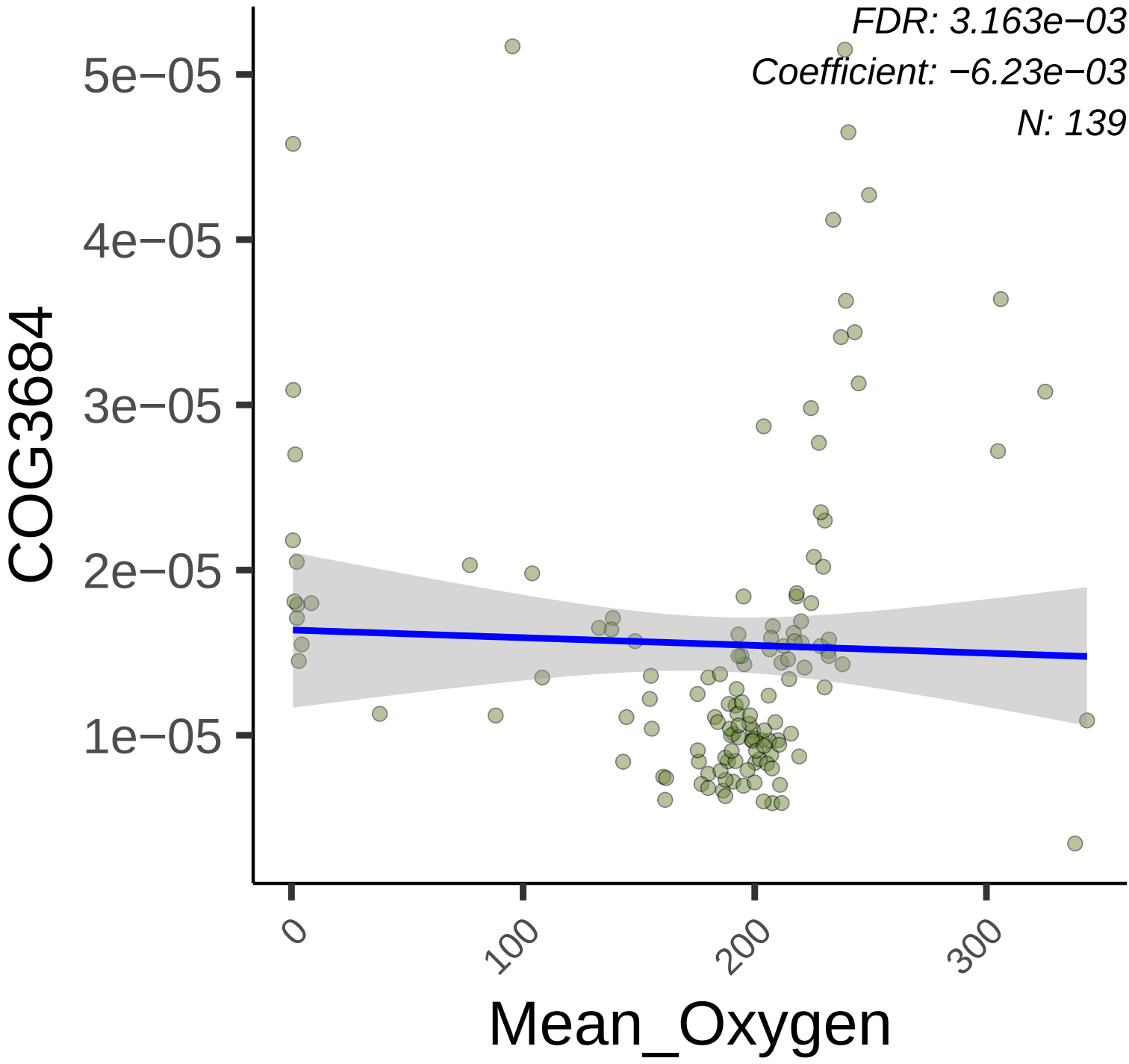
200
300
Mean_Oxygen


FDR: 3.163e−03
Coefficient: −6.23e−03
N: 139
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COG3684
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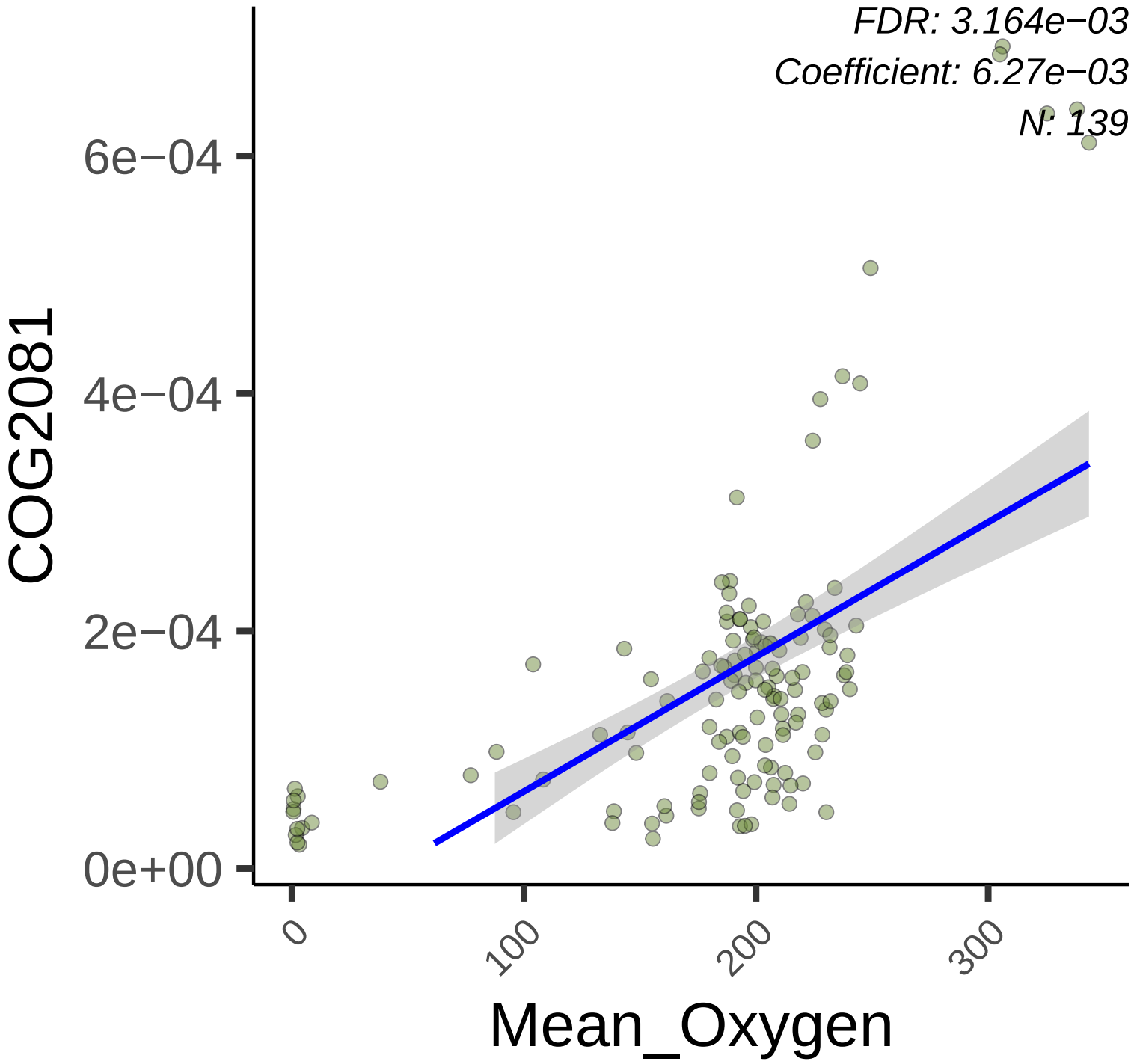
200
300
Mean_Oxygen


FDR: 3.164e−03
Coefficient: 6.27e−03
N: 139
COG2081
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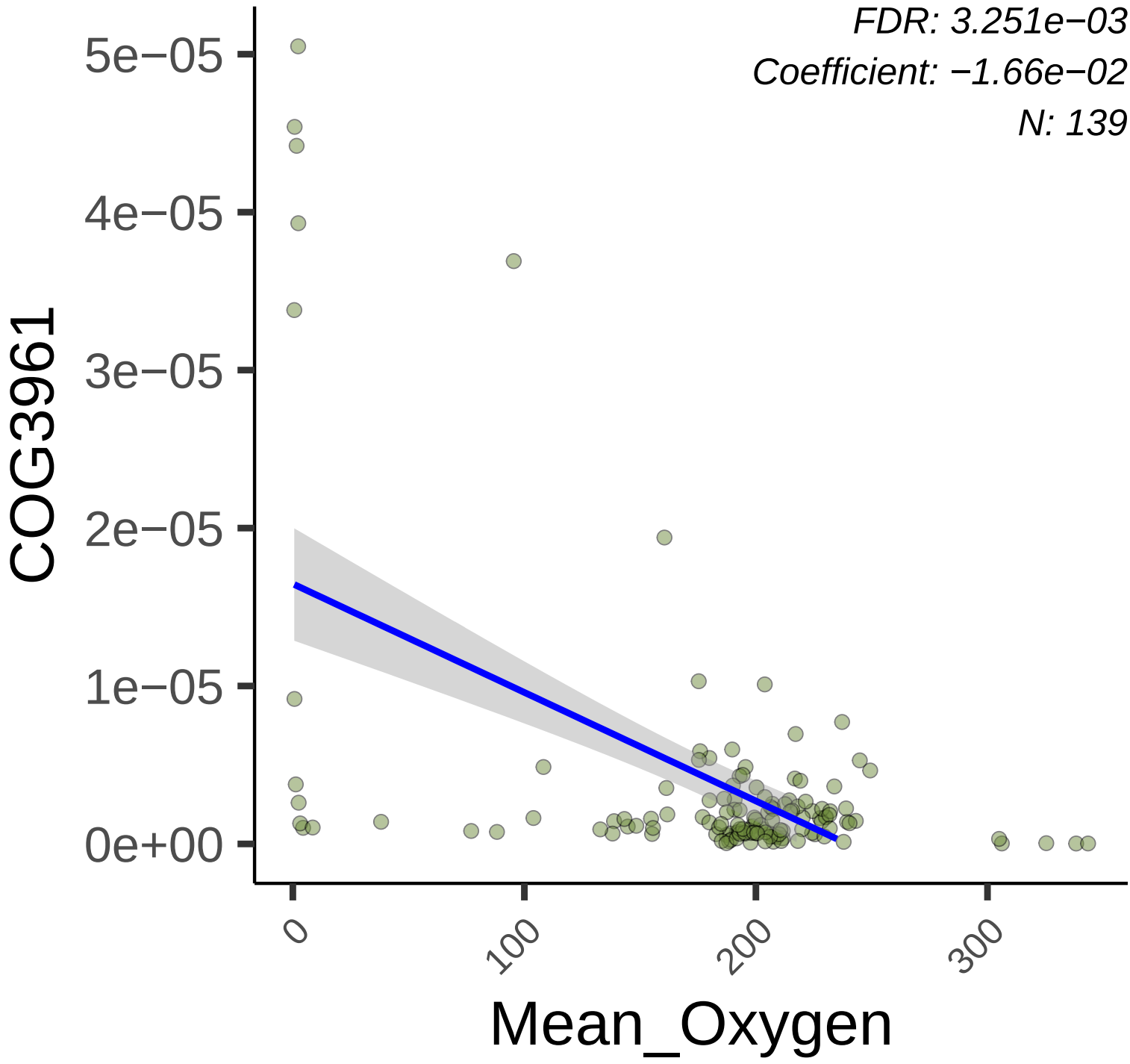
Mean_Oxygen


FDR: 3.251e−03
Coefficient: −1.66e−02
N: 139
COG3961
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3e−05
2e−05
1e−05
0e+00
0
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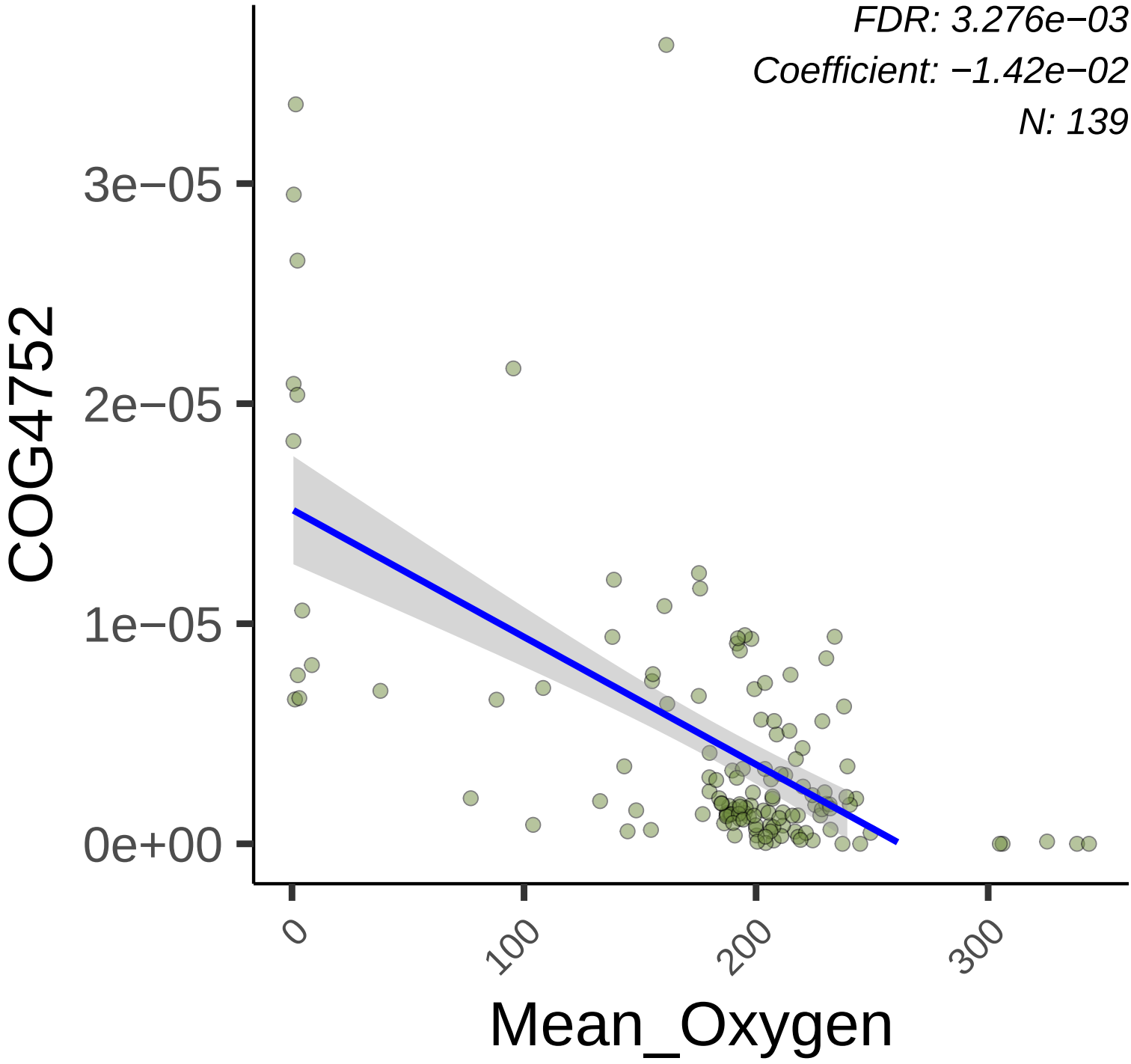
Mean_Oxygen


FDR: 3.276e−03
Coefficient: −1.42e−02
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COG4752
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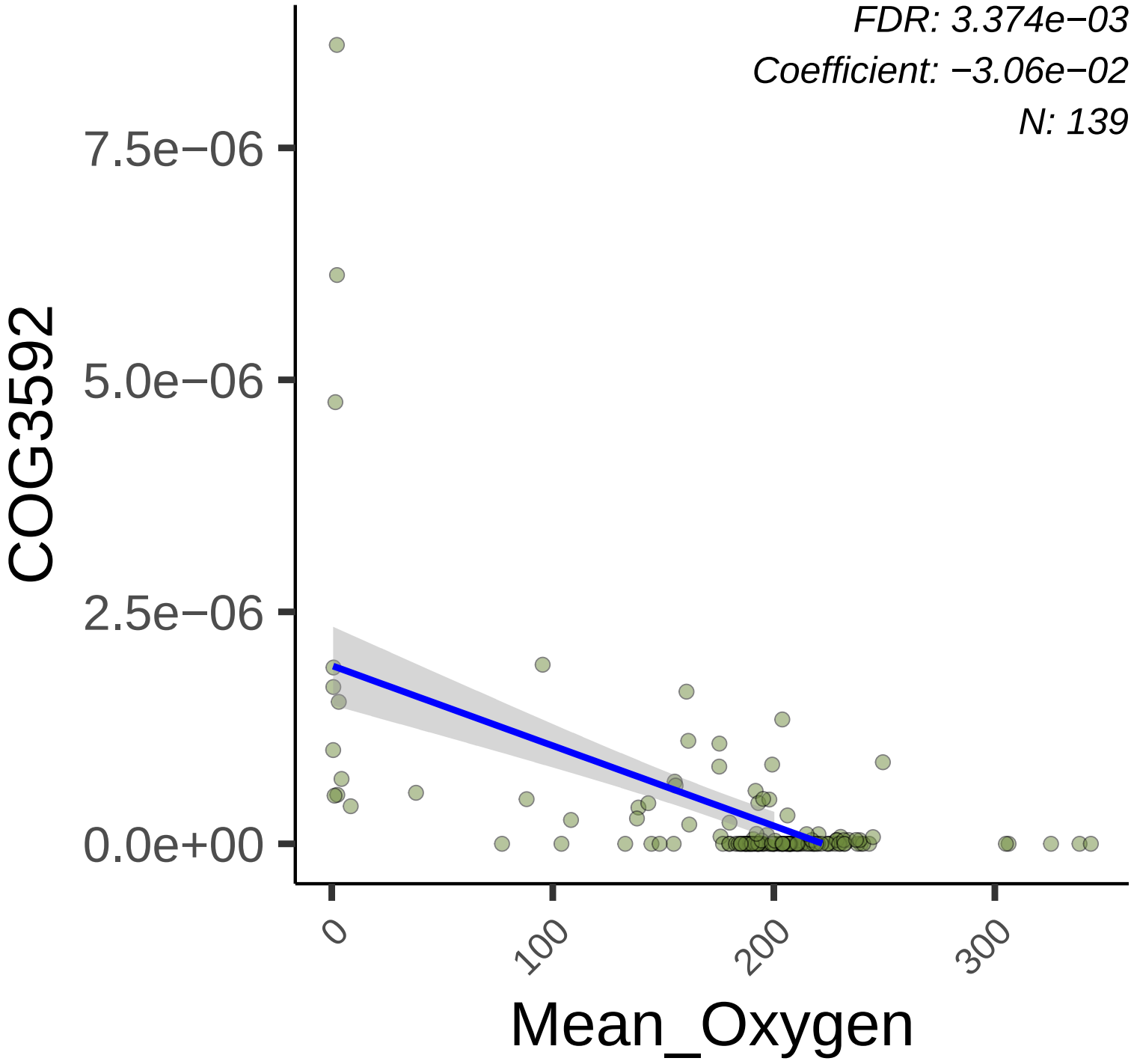
Mean_Oxygen


FDR: 3.374e−03
Coefficient: −3.06e−02
N: 139
COG3592
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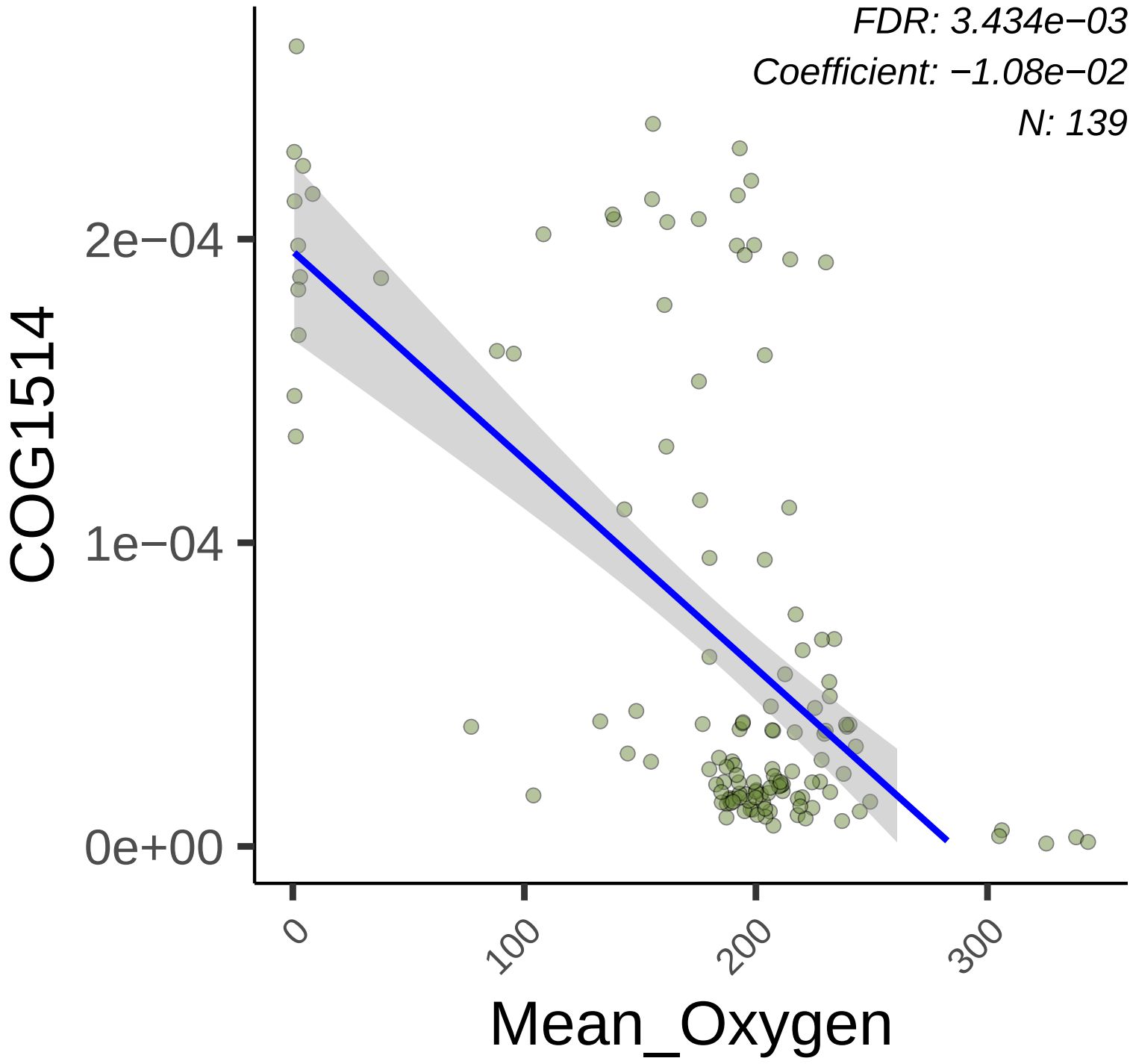
Mean_Oxygen


FDR: 3.434e−03
Coefficient: −1.08e−02
N: 139
COG1514
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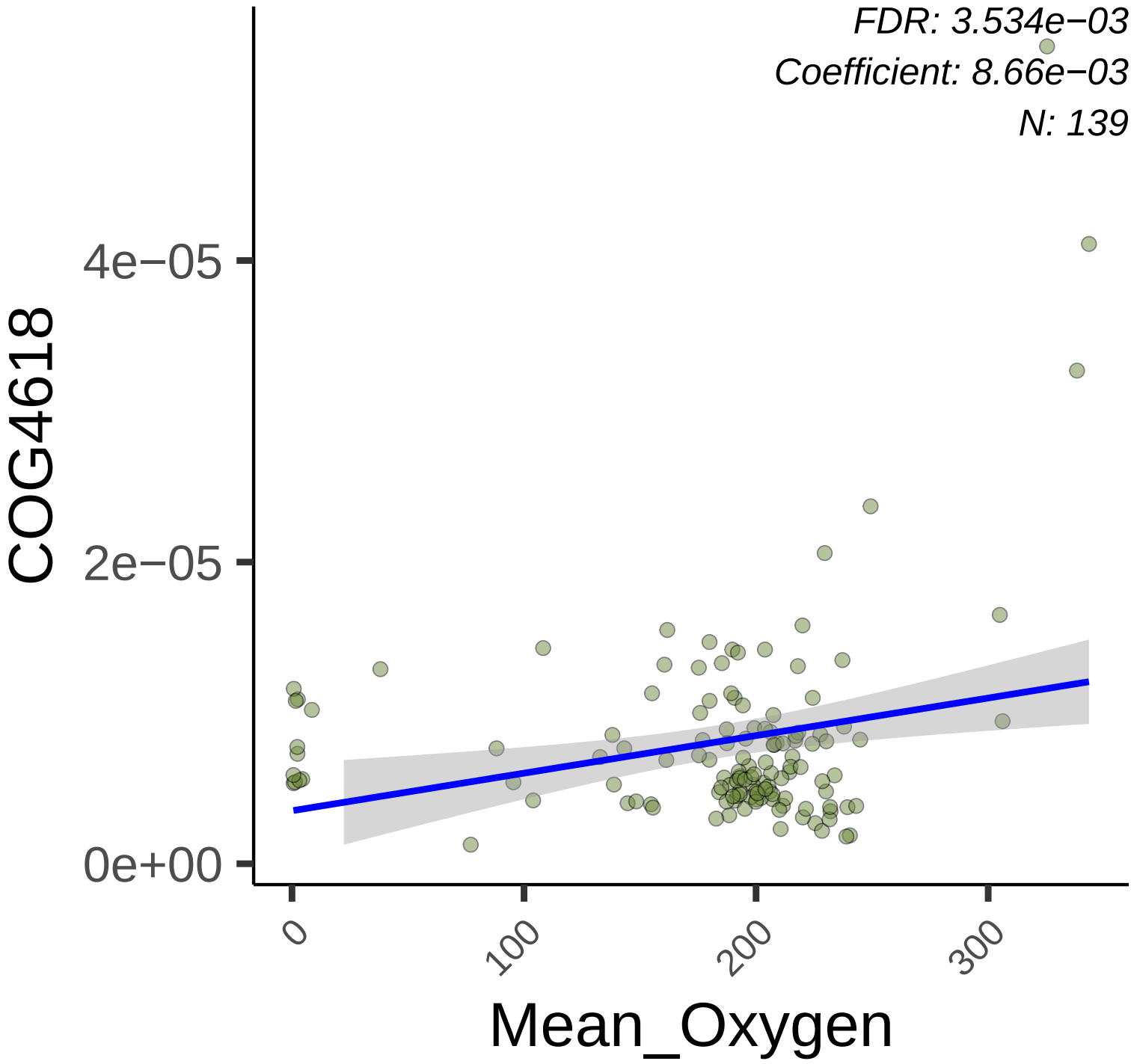
Mean_Oxygen


FDR: 3.534e−03
Coefficient: 8.66e−03
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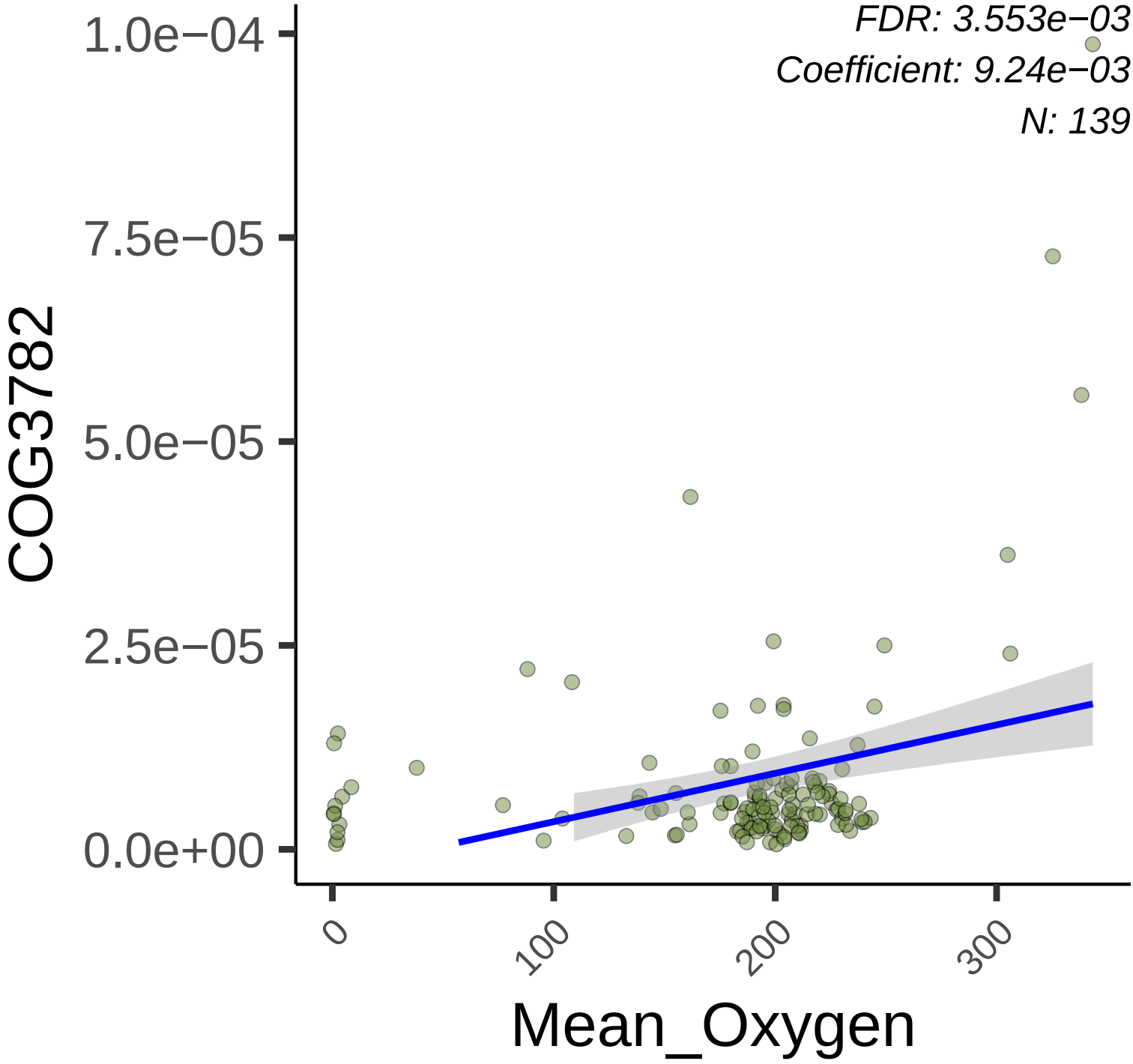
Mean_Oxygen


FDR: 3.553e−03
Coefficient: 9.24e−03
N: 139
1.0e−04
7.5e−05
5.0e−05
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COG3782
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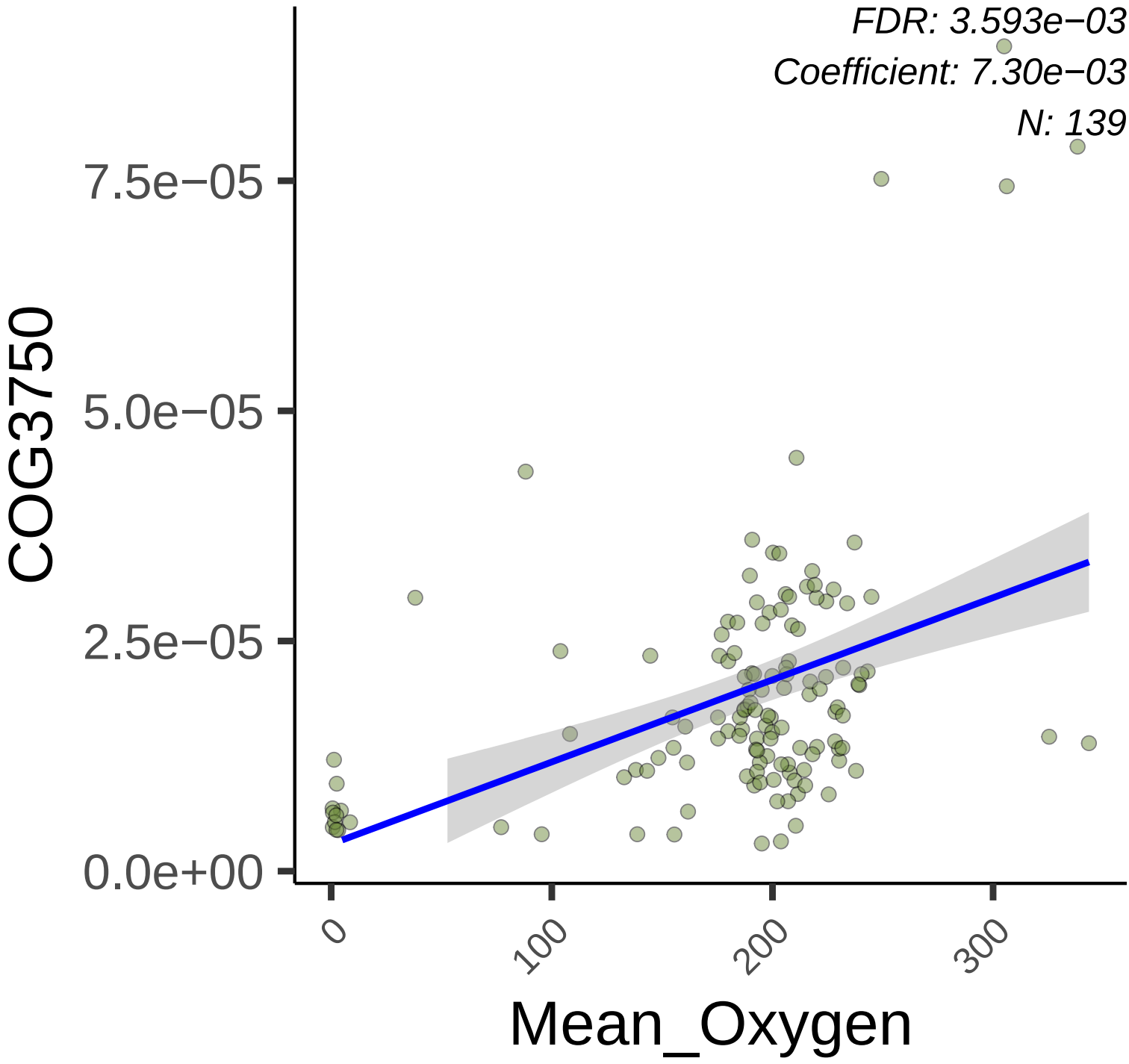
Mean_Oxygen


FDR: 3.593e−03
Coefficient: 7.30e−03
N: 139
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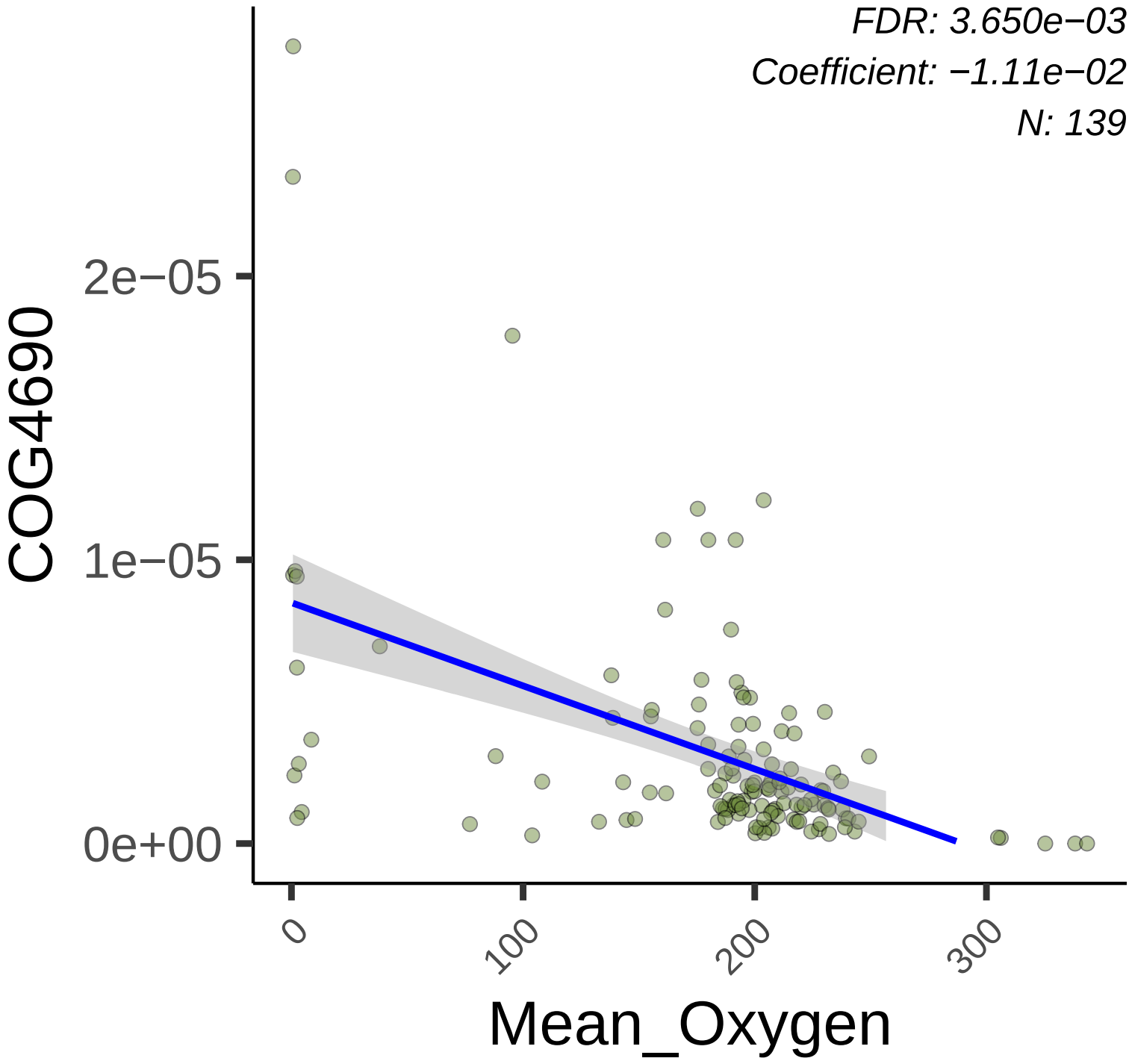
Mean_Oxygen


FDR: 3.650e−03
Coefficient: −1.11e−02
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COG4690
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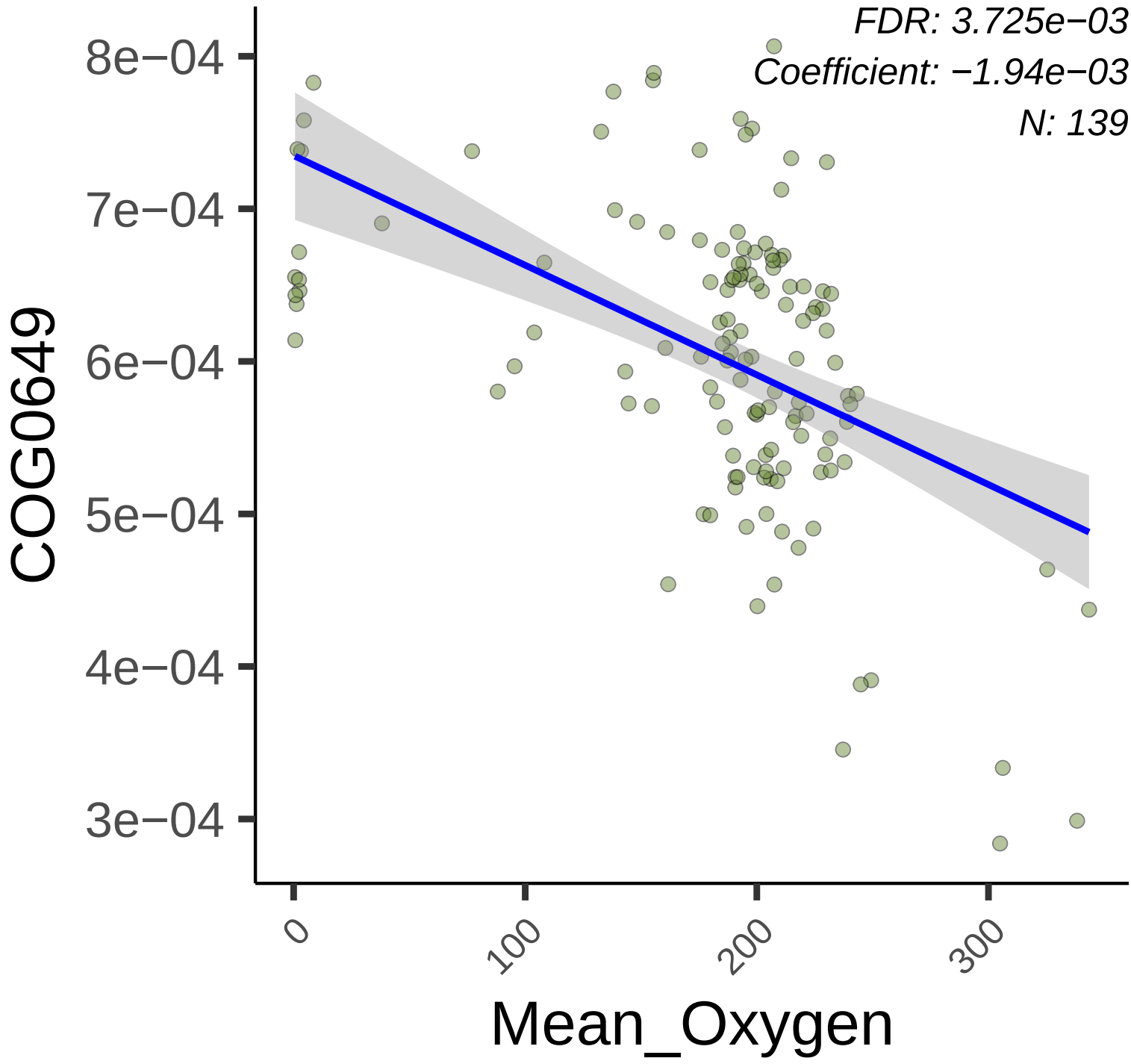
300
Mean_Oxygen


FDR: 3.725e−03
Coefficient: −1.94e−03
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COG0649
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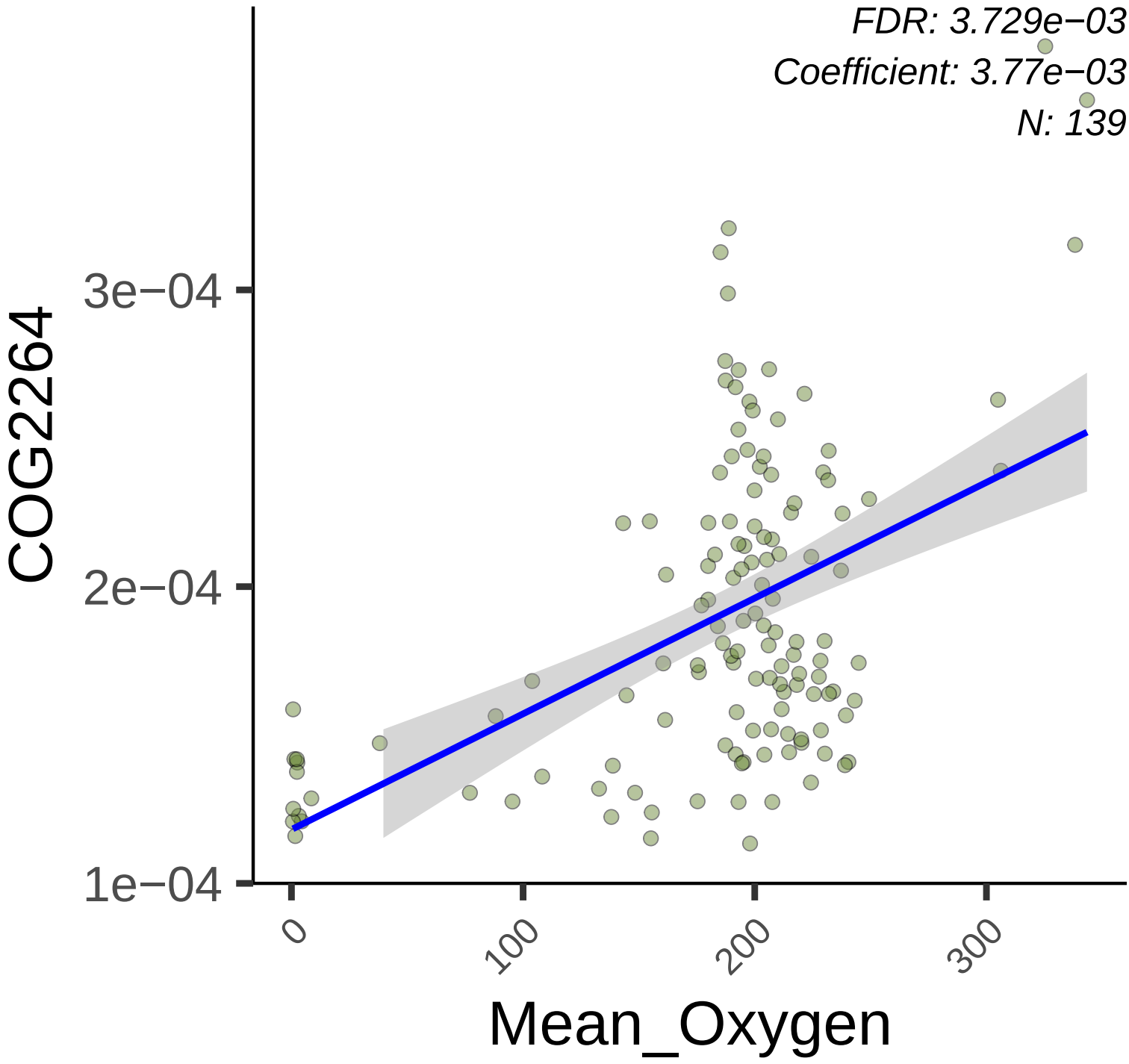
300
Mean_Oxygen


FDR: 3.729e−03
Coefficient: 3.77e−03
N: 139
COG2264
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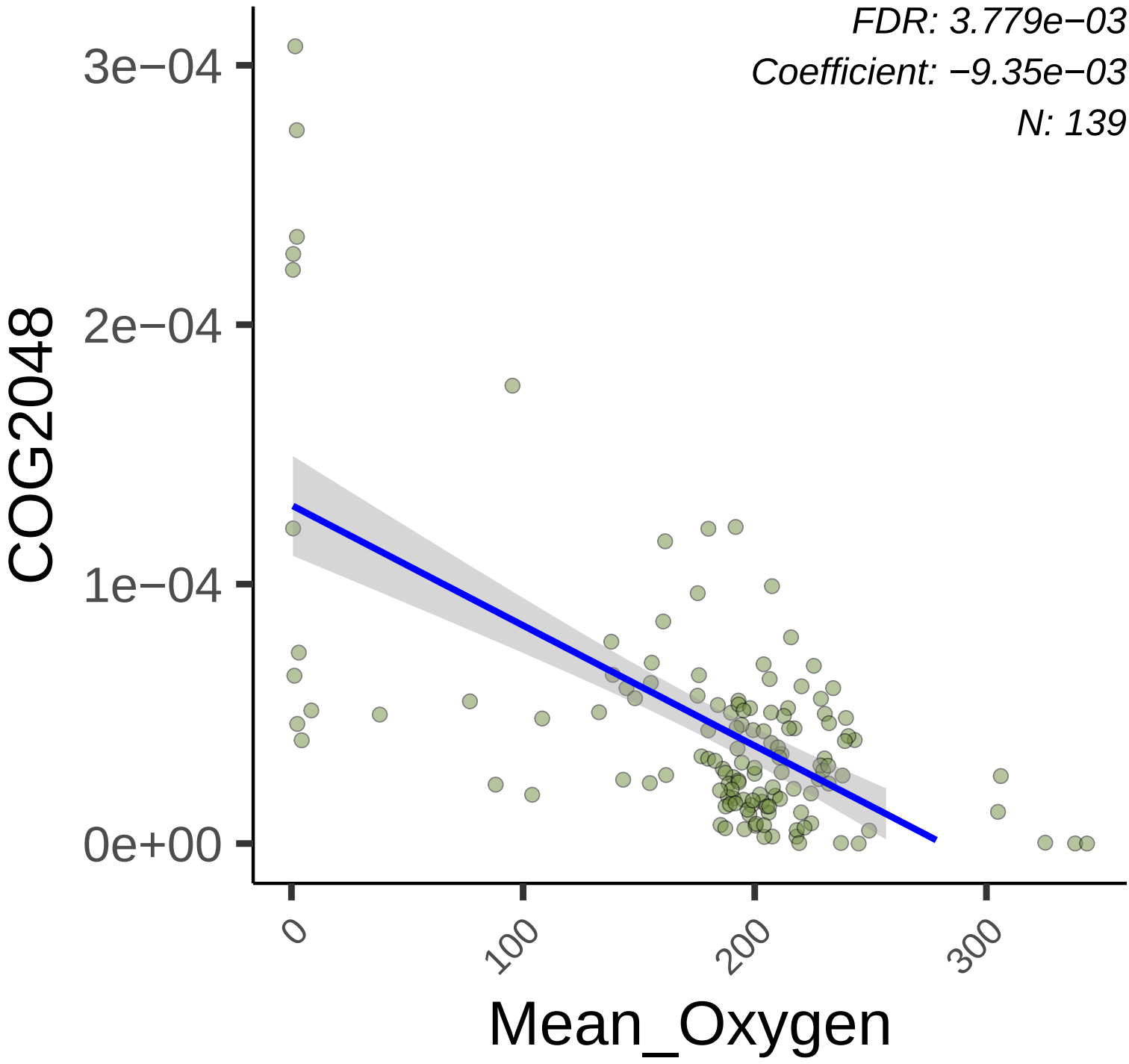
Mean_Oxygen


FDR: 3.779e−03
Coefficient: −9.35e−03
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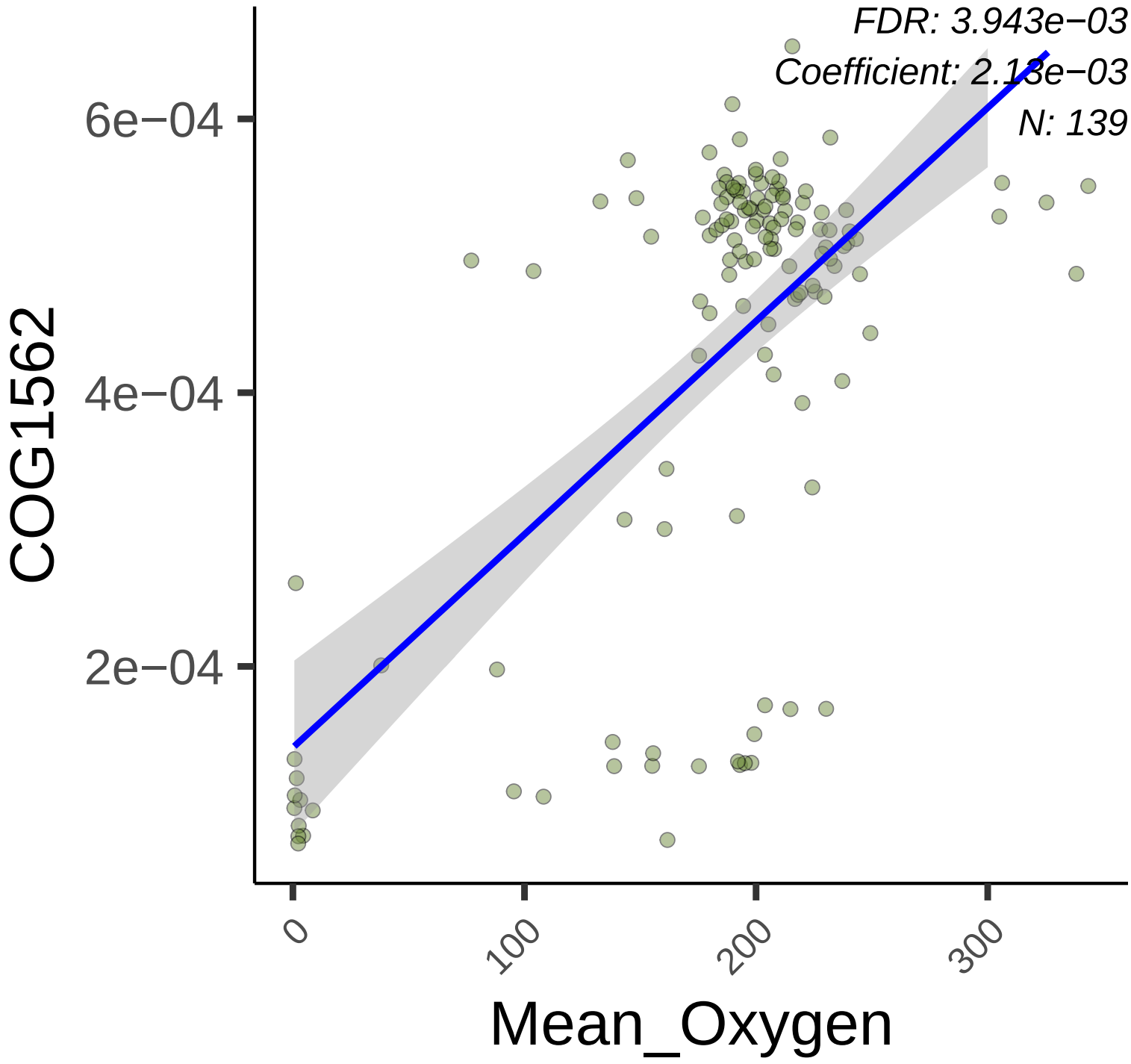
Mean_Oxygen


FDR: 3.943e−03
Coefficient: 2.13e−03
N: 139
6e−04
4e−04
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COG1562
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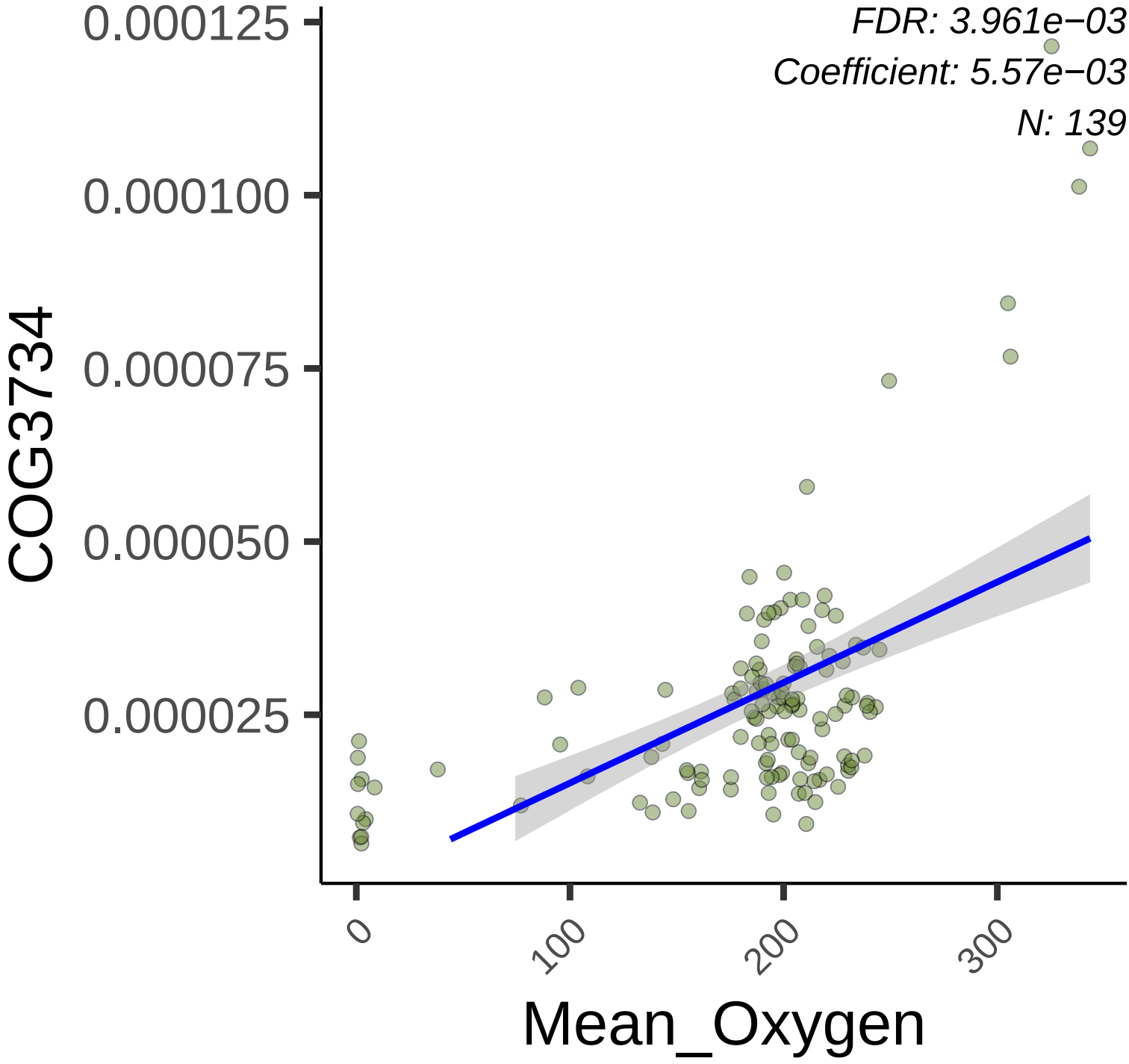
200
300
Mean_Oxygen


FDR: 3.961e−03
Coefficient: 5.57e−03
N: 139
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0.000100
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0.000025
COG3734
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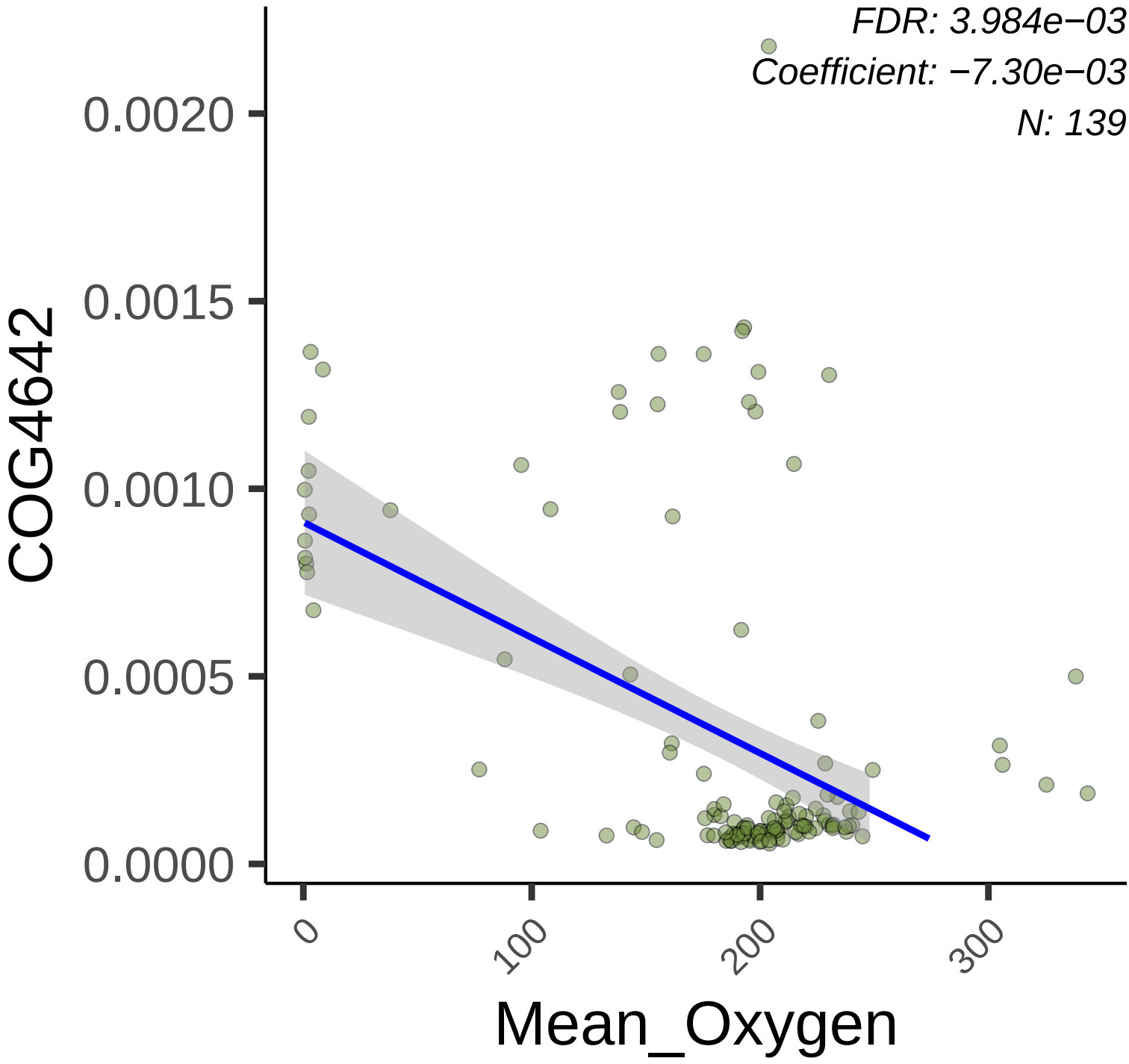
200
300
Mean_Oxygen


FDR: 3.984e−03
Coefficient: −7.30e−03
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200
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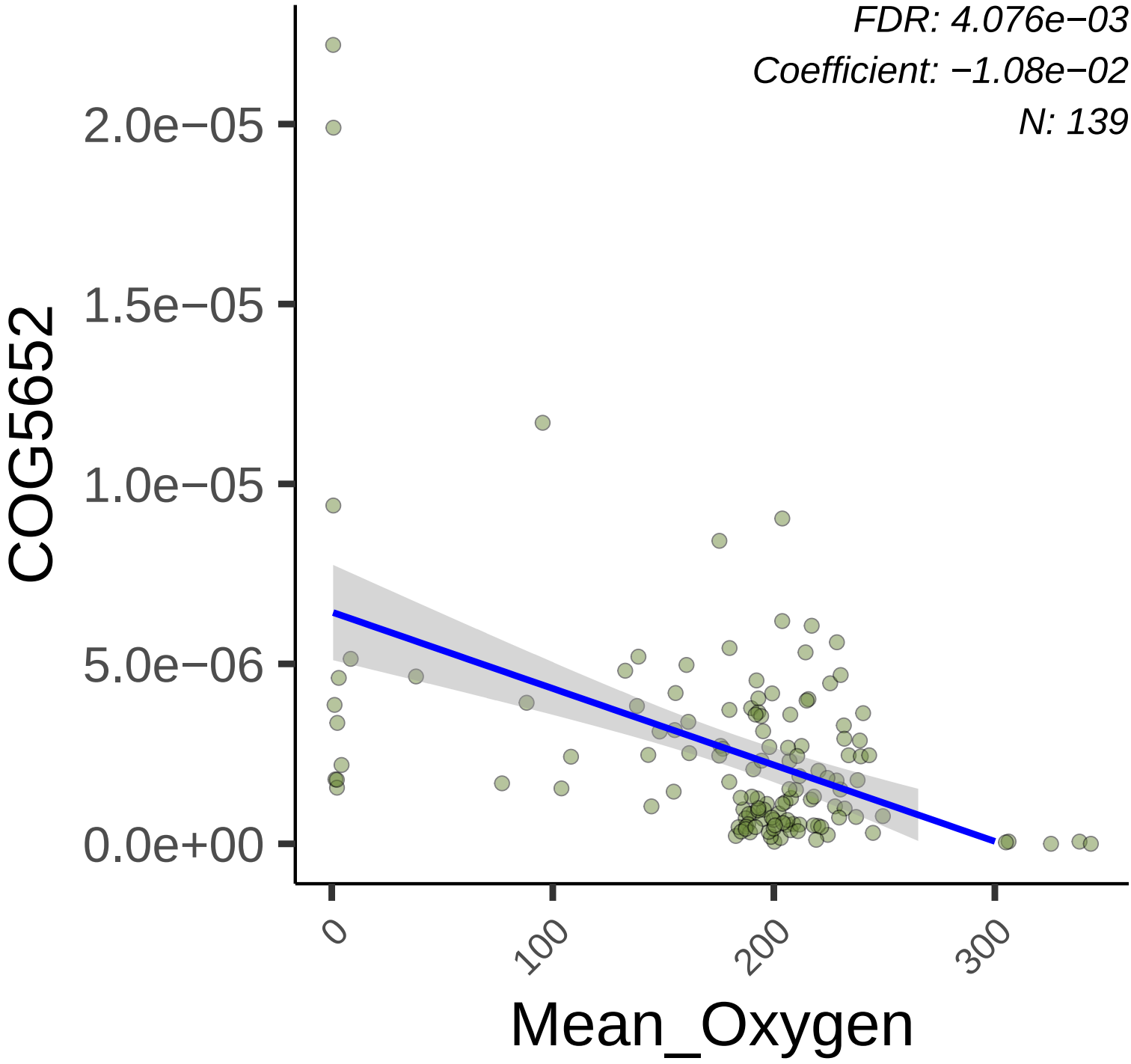
Mean_Oxygen


FDR: 4.076e−03
Coefficient: −1.08e−02
N: 139
COG5652
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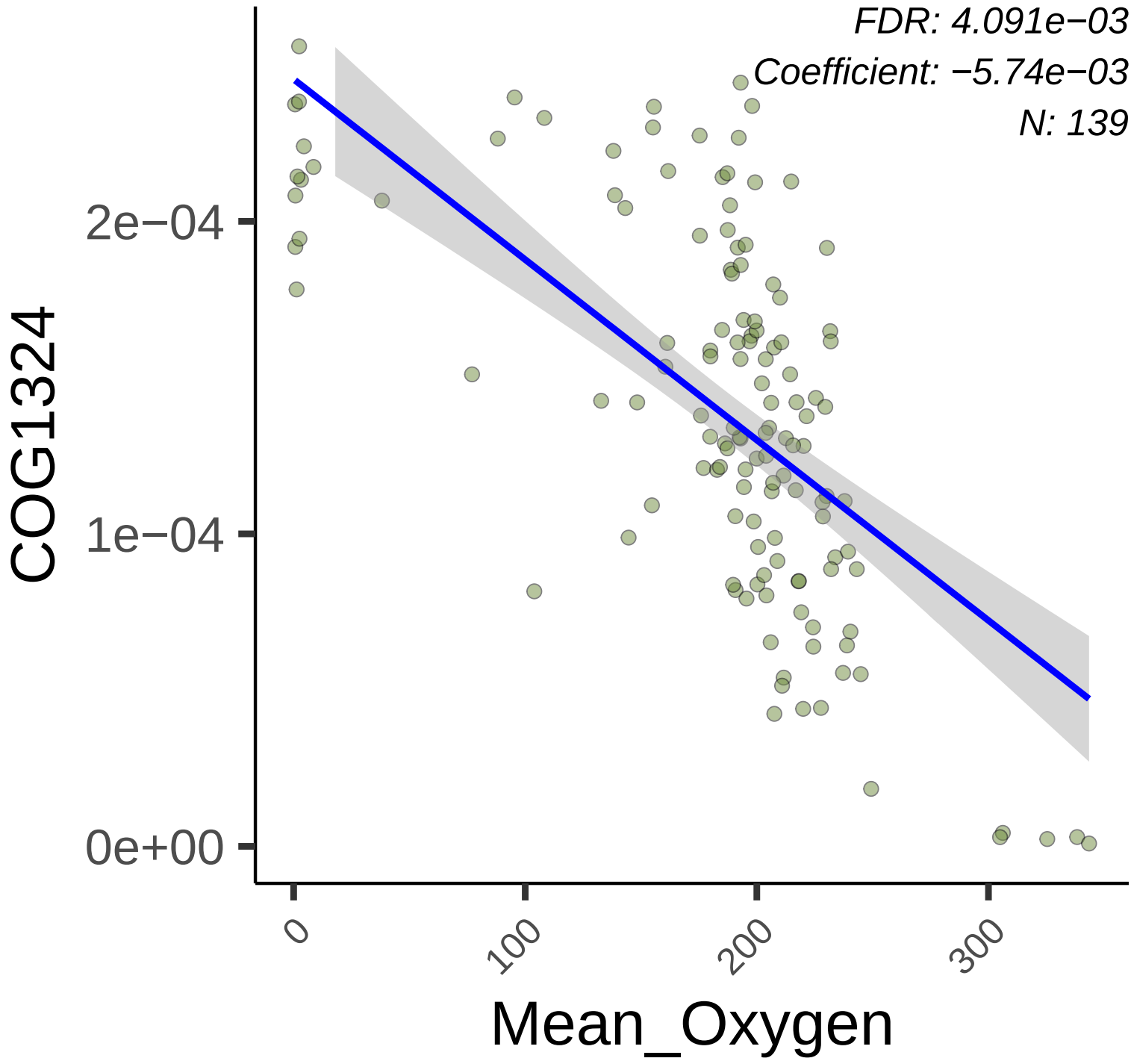
Mean_Oxygen


FDR: 4.091e−03
Coefficient: −5.74e−03
N: 139
COG1324
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1e−04
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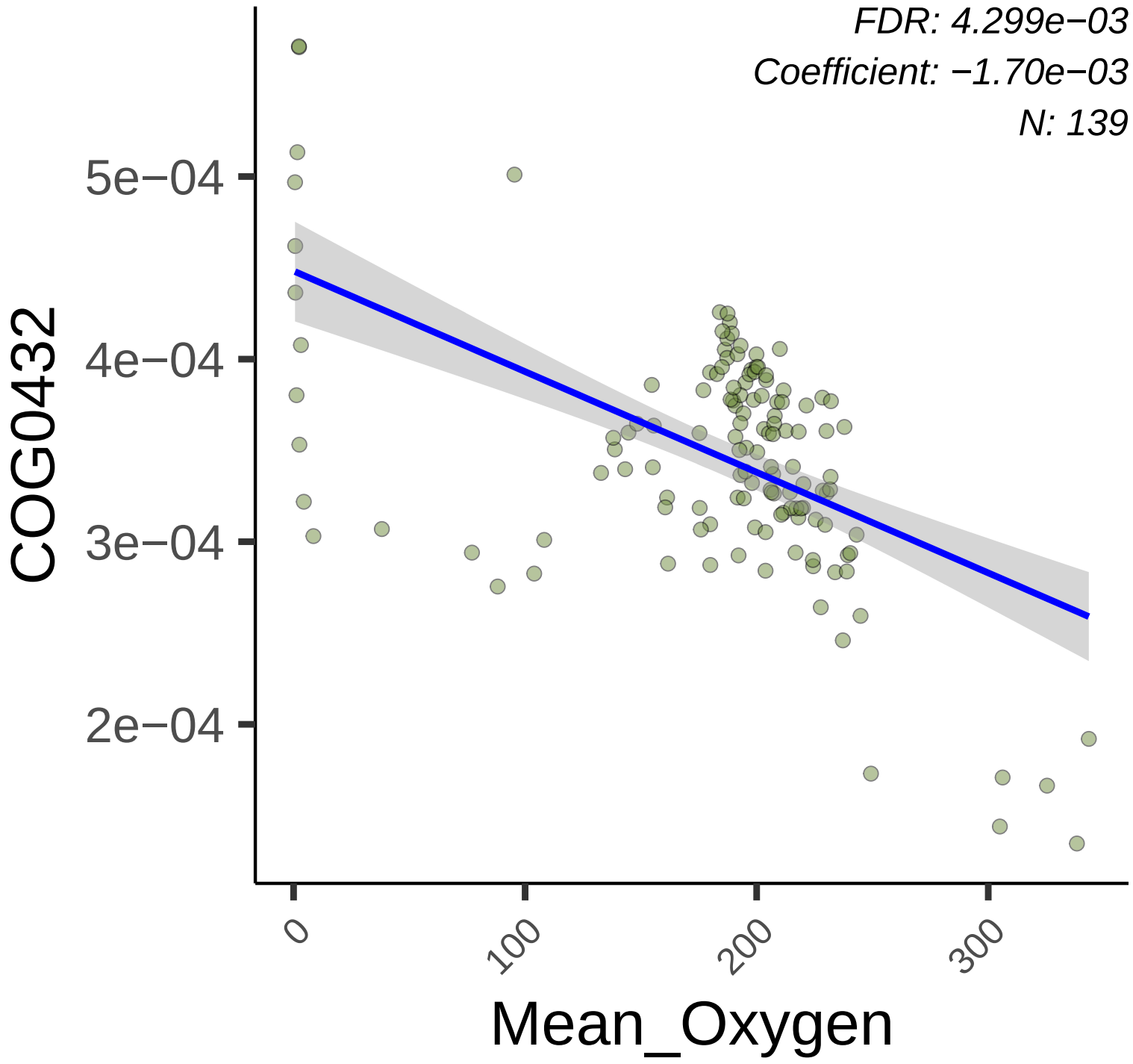
200
300
Mean_Oxygen


FDR: 4.299e−03
Coefficient: −1.70e−03
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COG0432
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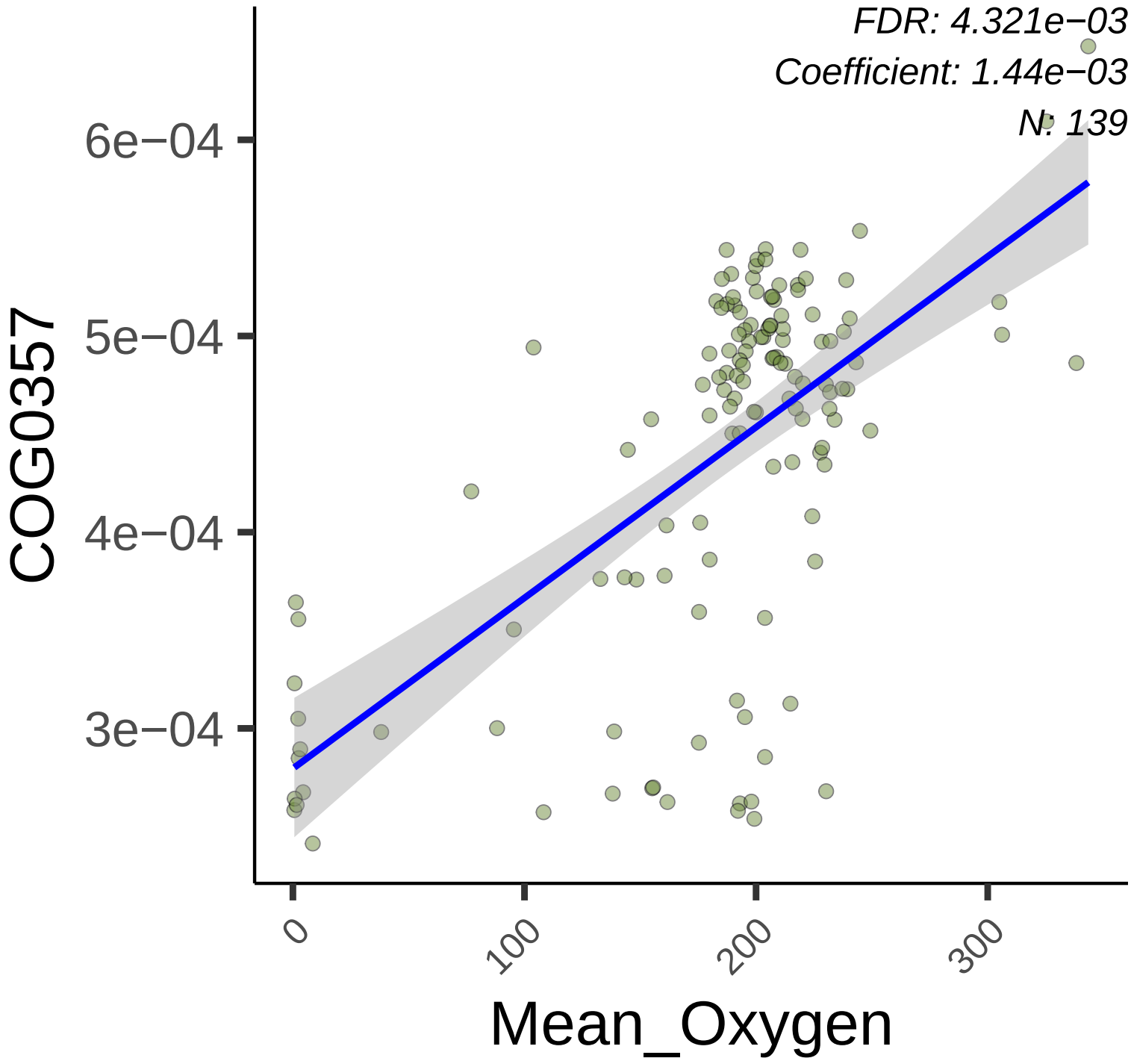
Mean_Oxygen


FDR: 4.321e−03
Coefficient: 1.44e−03
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3e−04
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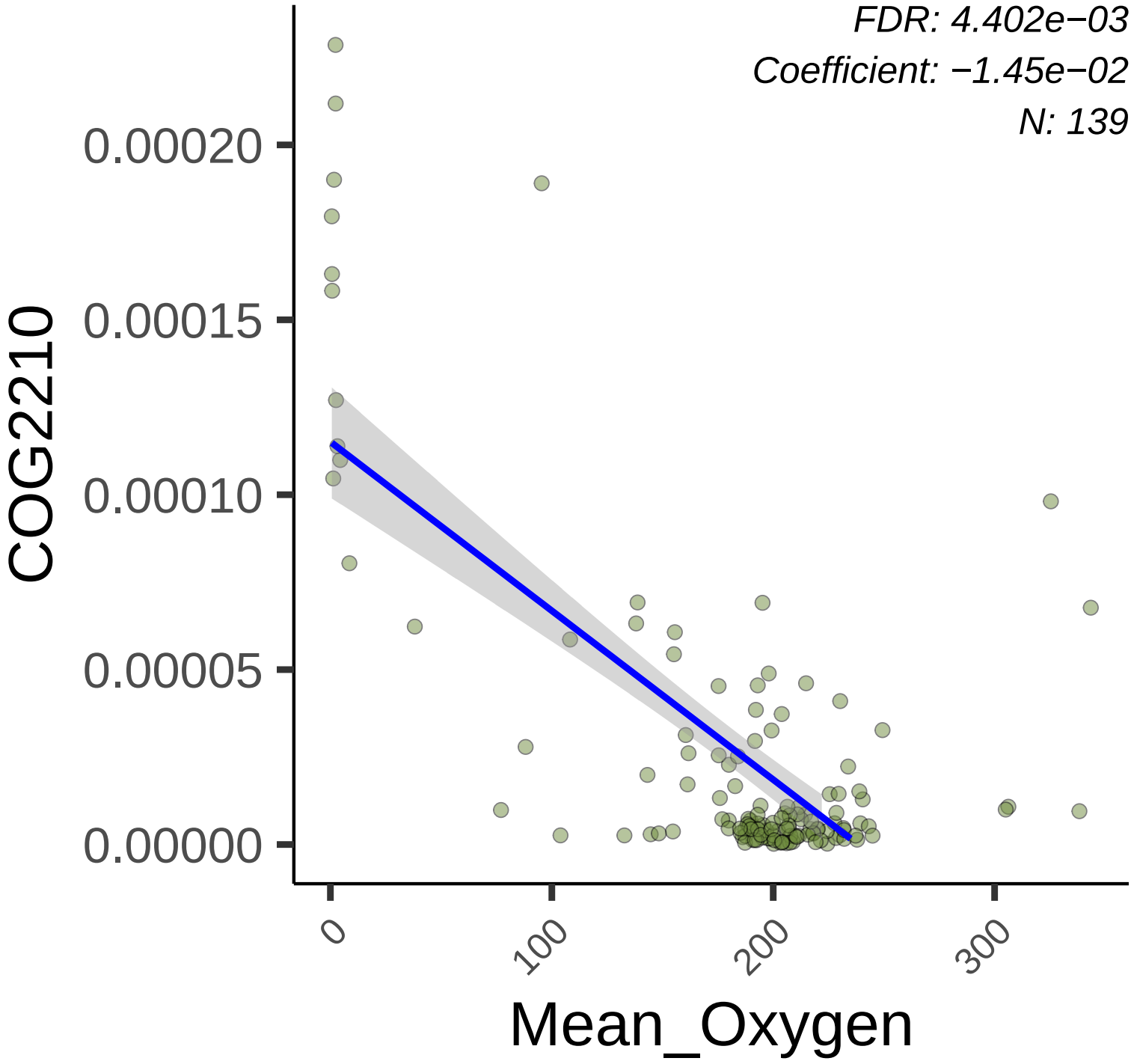
200
300
Mean_Oxygen


FDR: 4.402e−03
Coefficient: −1.45e−02
N: 139
COG2210
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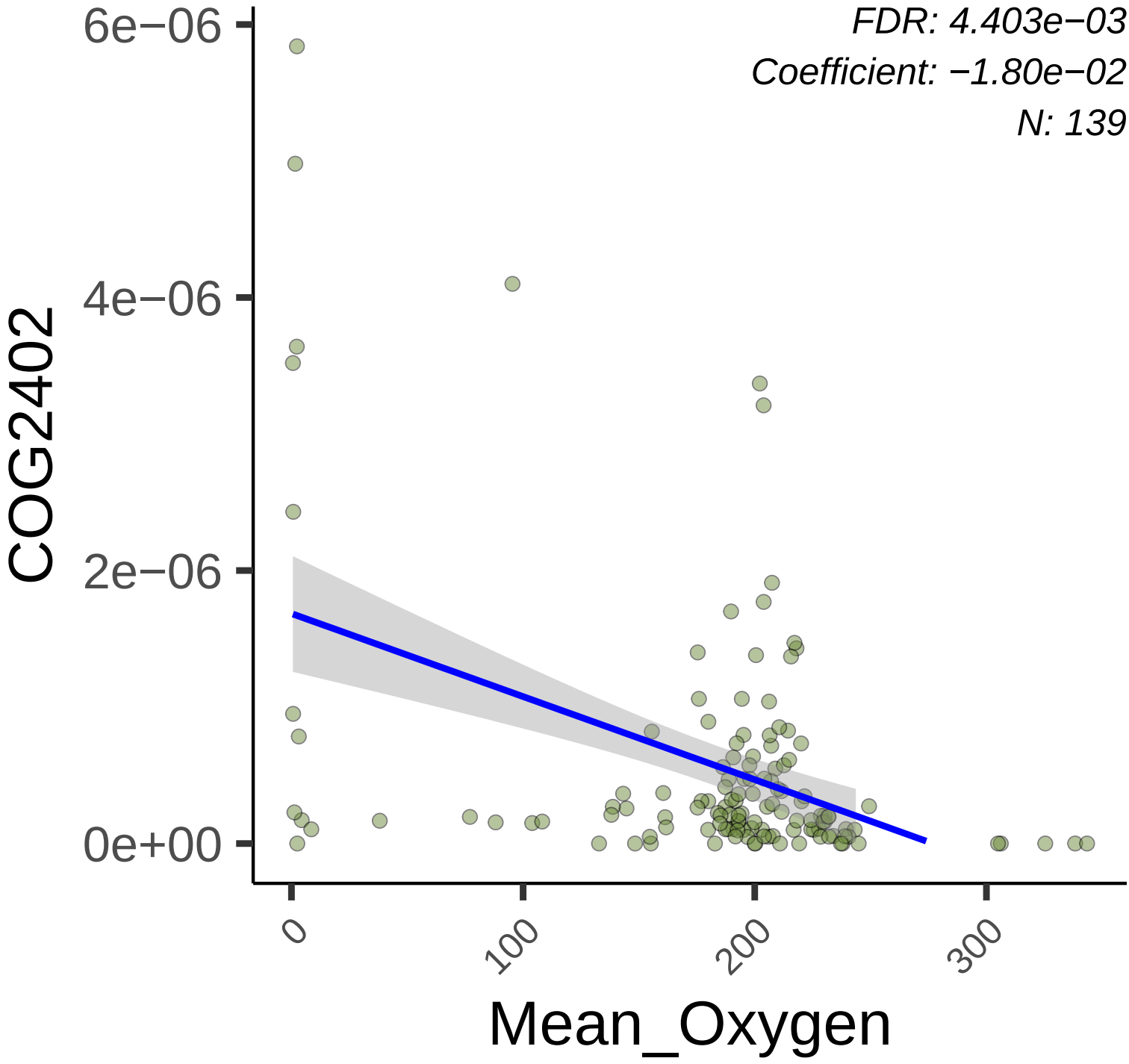
0.00015
0.00010
0.00005
0.00000
0
100
200
300
Mean_Oxygen


FDR: 4.403e−03
Coefficient: −1.80e−02
N: 139
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2e−06
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COG2402
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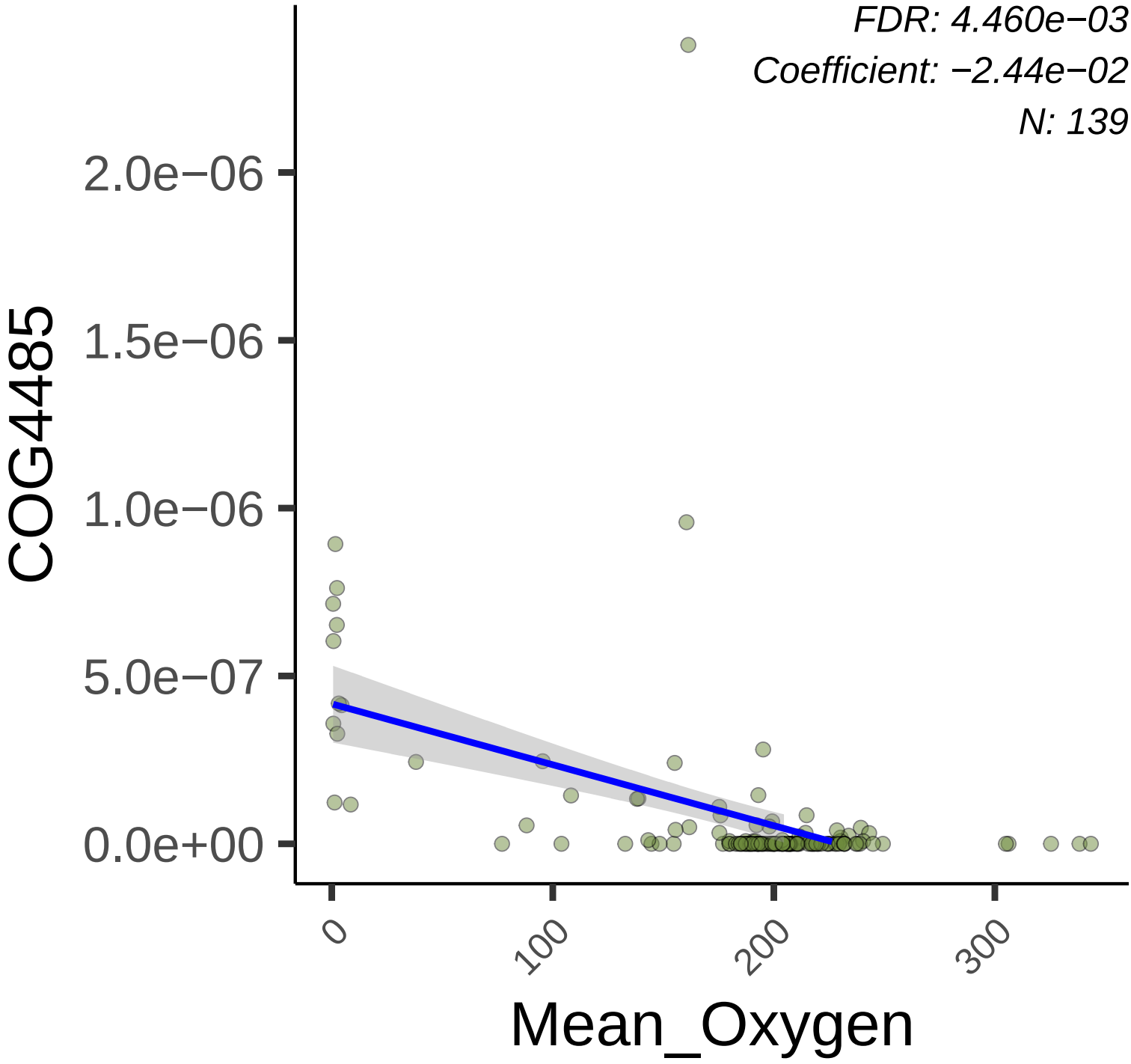
100
200
300
Mean_Oxygen


FDR: 4.460e−03
Coefficient: −2.44e−02
N: 139
COG4485
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1.5e−06
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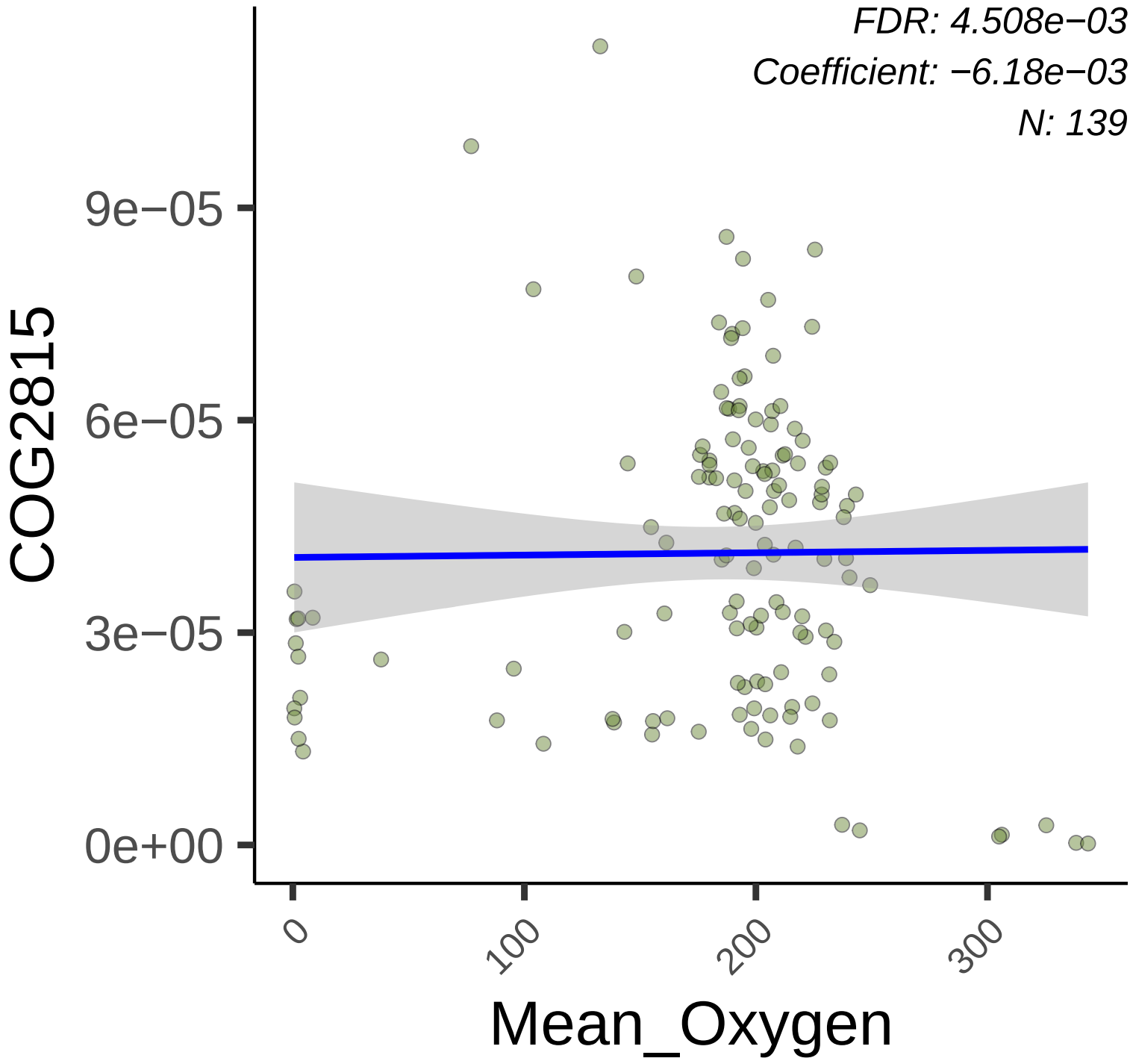
100
200
300
Mean_Oxygen


FDR: 4.508e−03
Coefficient: −6.18e−03
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COG2815
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6e−05
3e−05
0e+00
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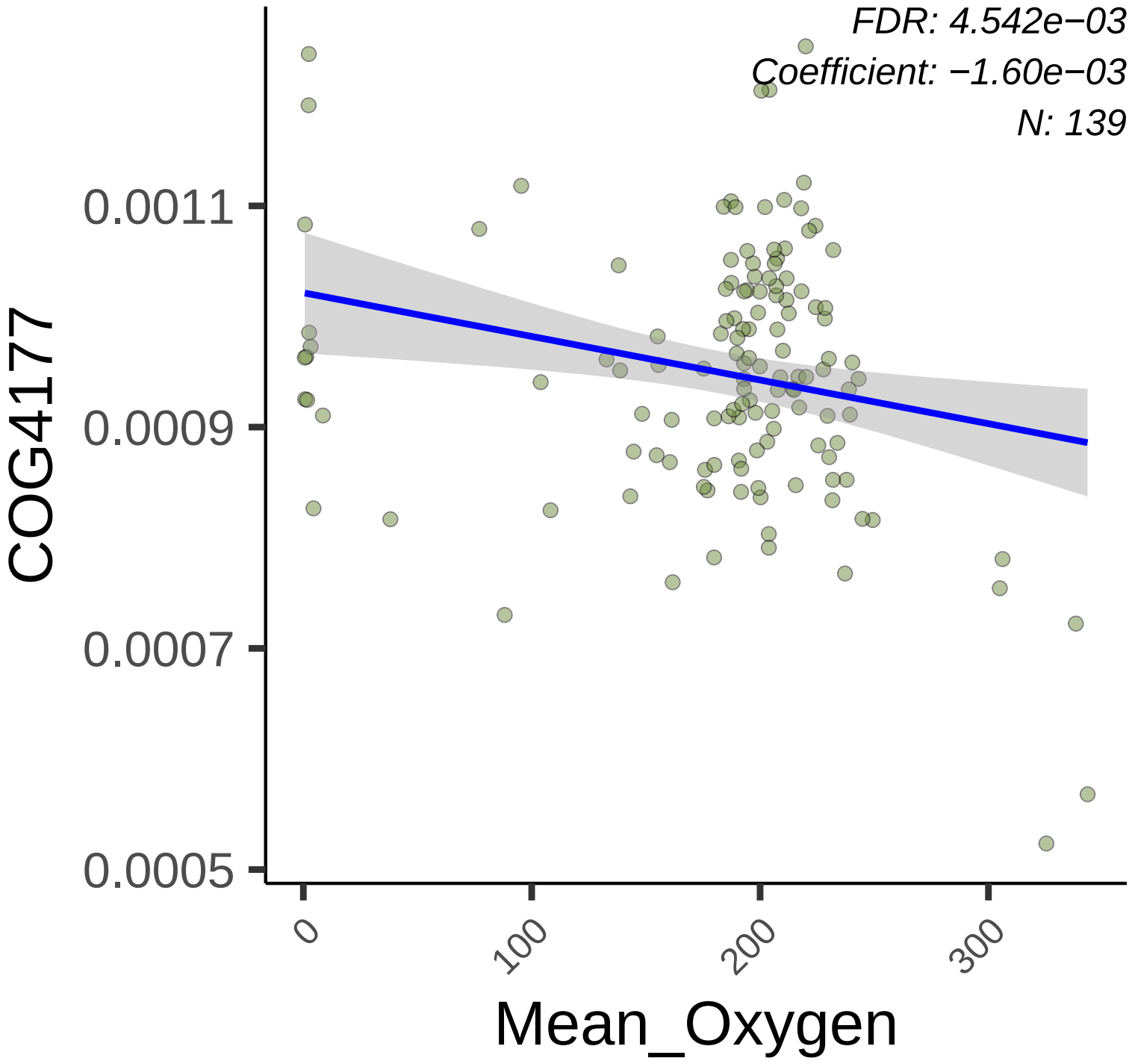
200
300
Mean_Oxygen


FDR: 4.542e−03
Coefficient: −1.60e−03
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COG4177
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0.0005
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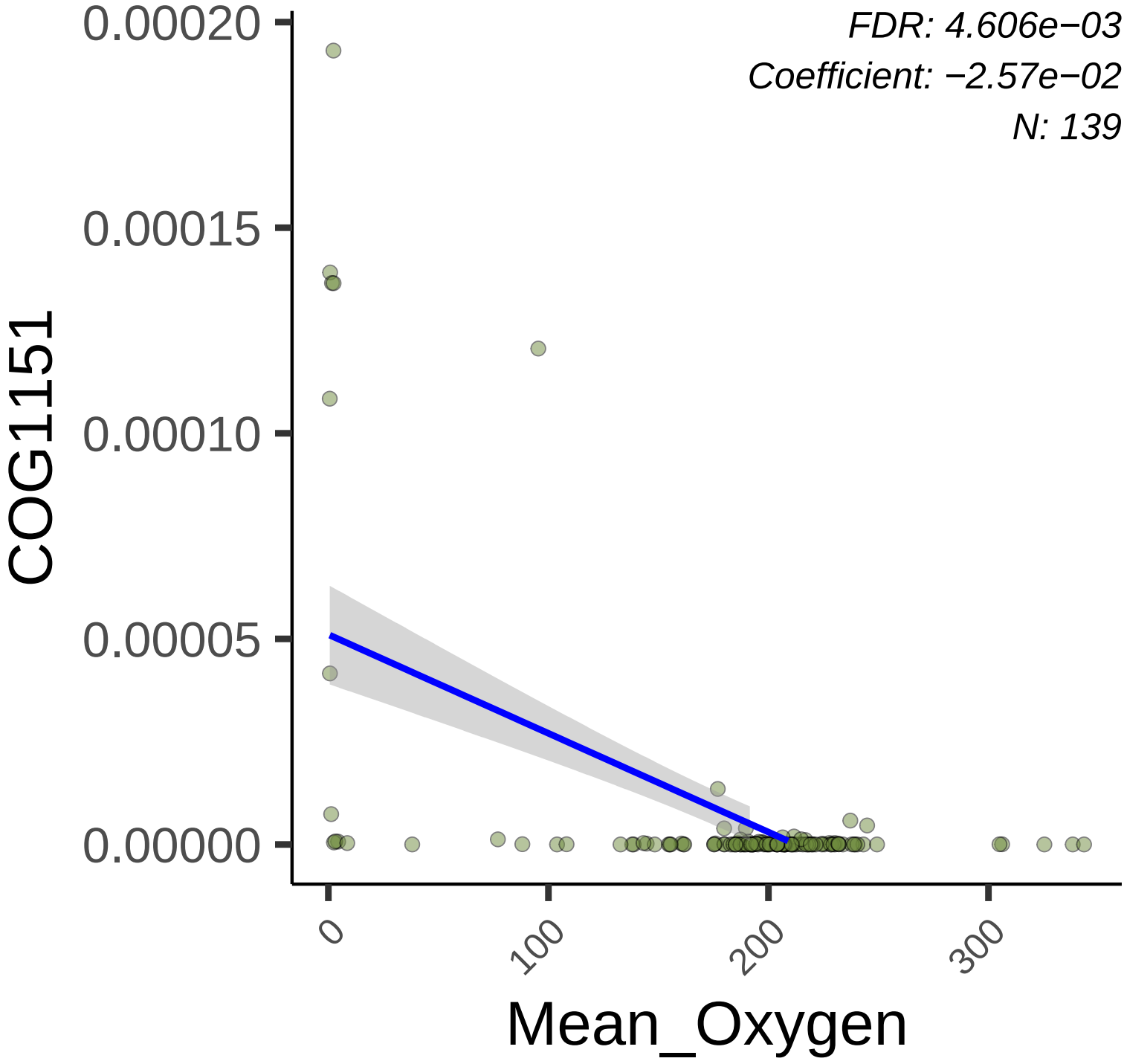
200
300
Mean_Oxygen


FDR: 4.606e−03
Coefficient: −2.57e−02
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COG1151
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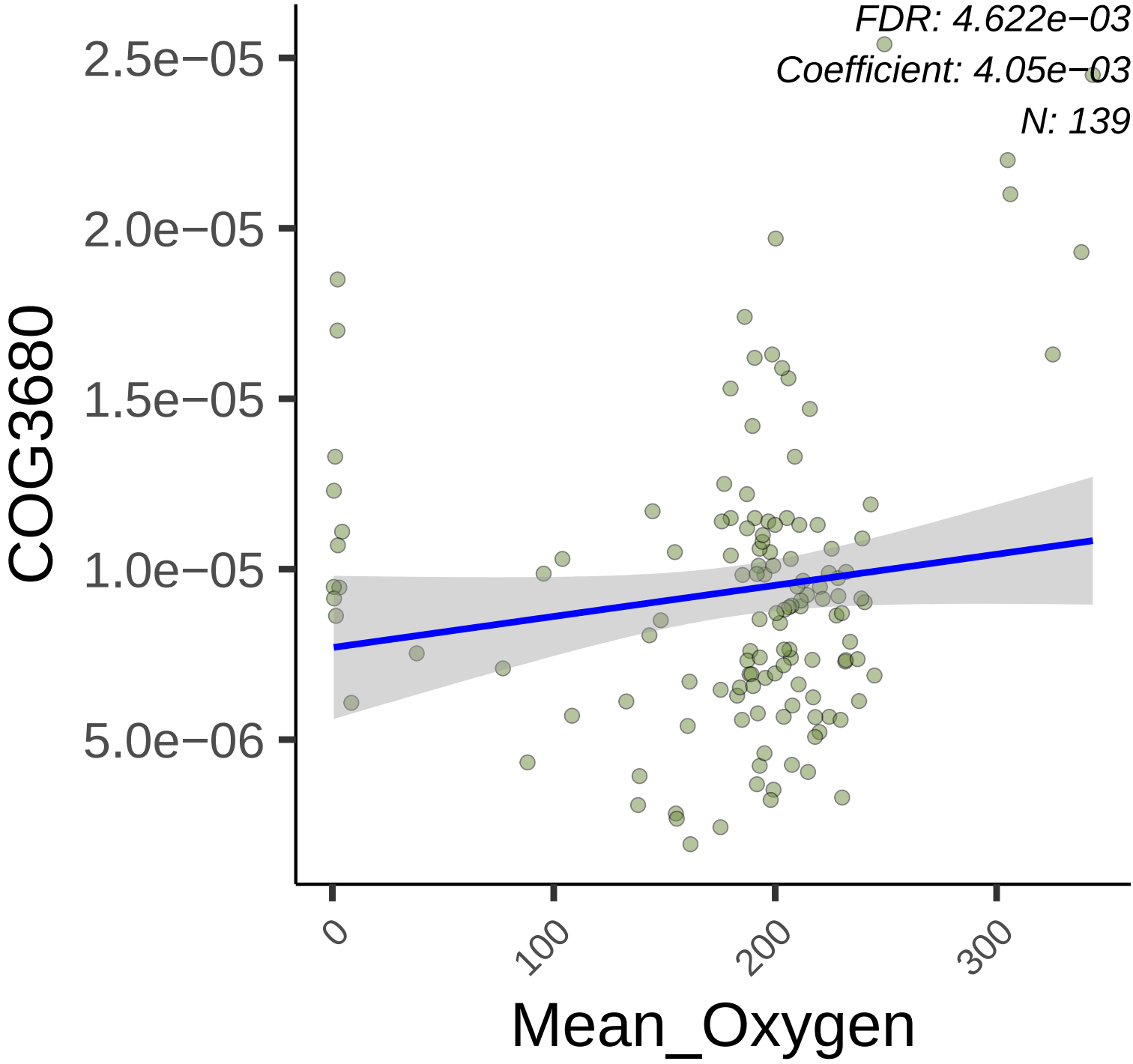
300
Mean_Oxygen


FDR: 4.622e−03
Coefficient: 4.05e−03
N: 139
2.5e−05
2.0e−05
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COG3680
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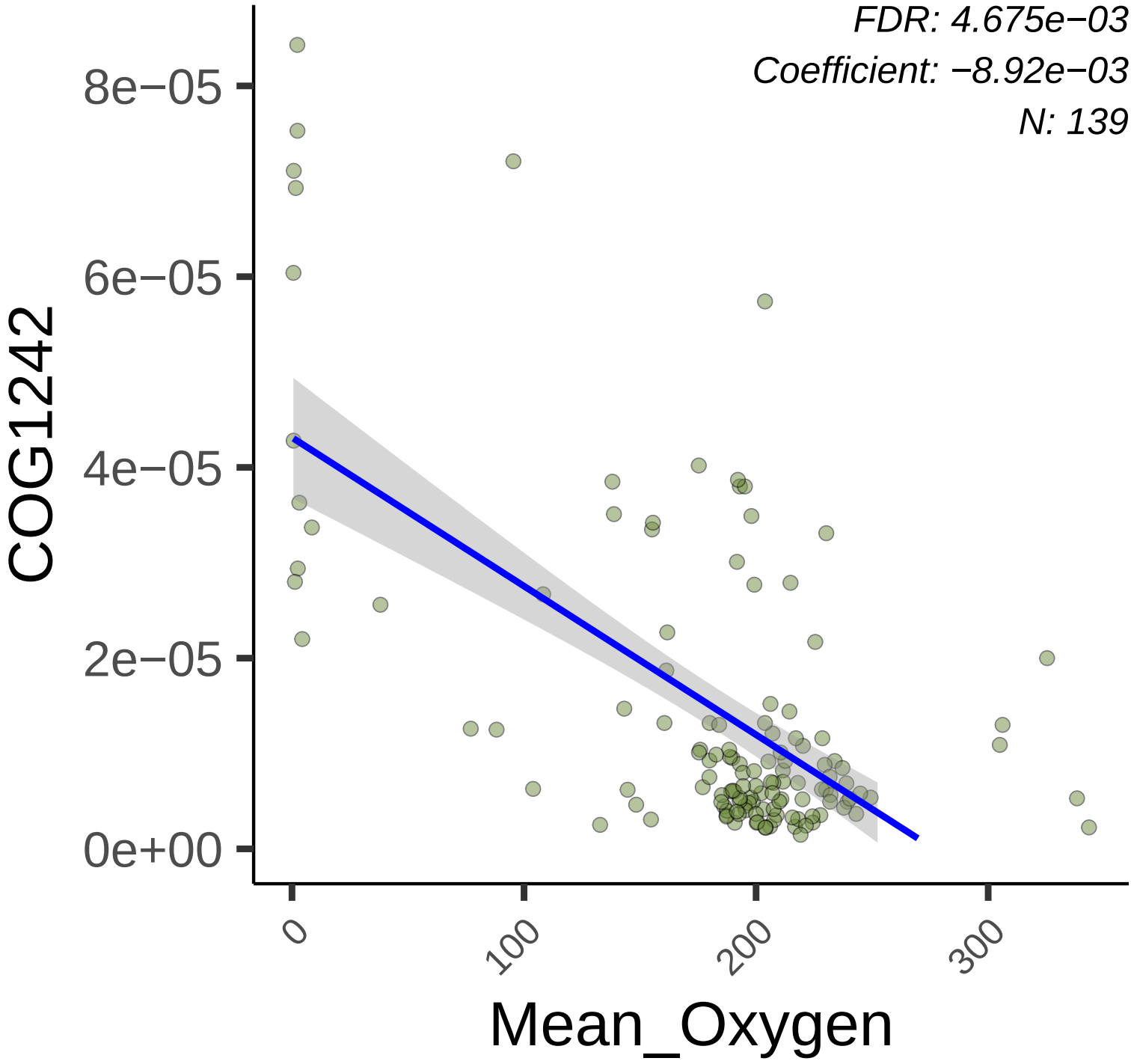
200
300
Mean_Oxygen


FDR: 4.675e−03
Coefficient: −8.92e−03
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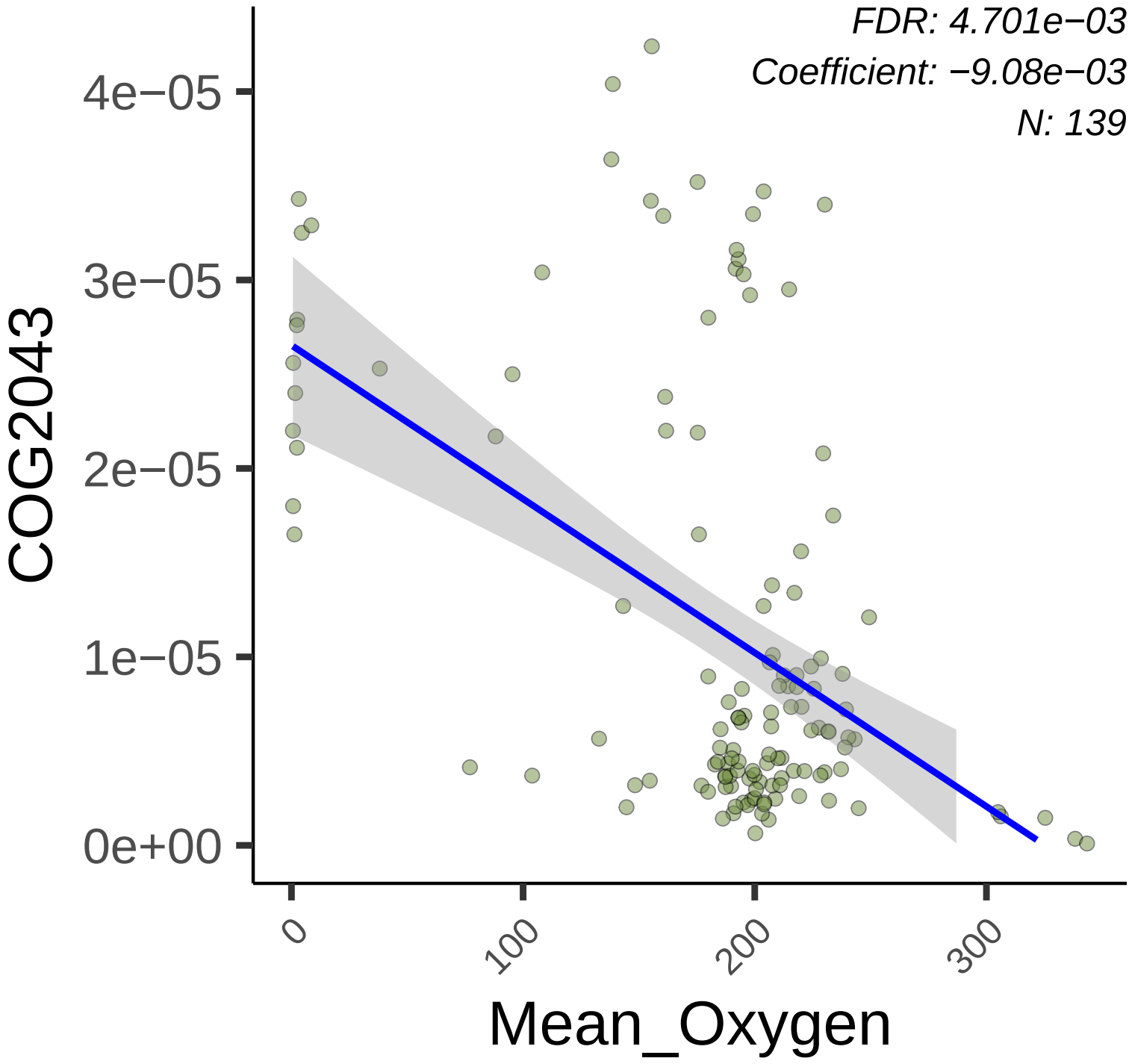
Mean_Oxygen


FDR: 4.701e−03
Coefficient: −9.08e−03
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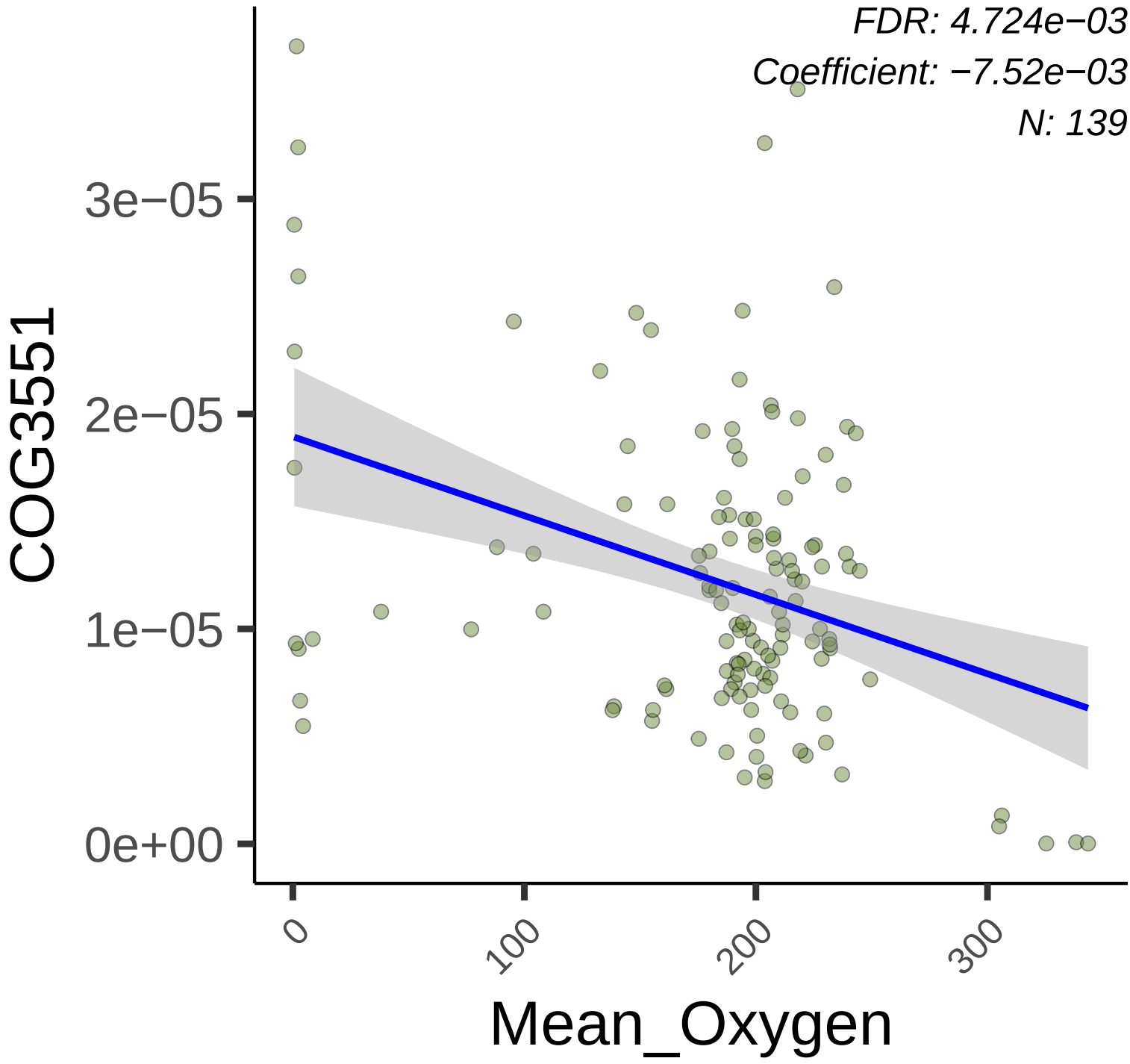
Mean_Oxygen


FDR: 4.724e−03
Coefficient: −7.52e−03
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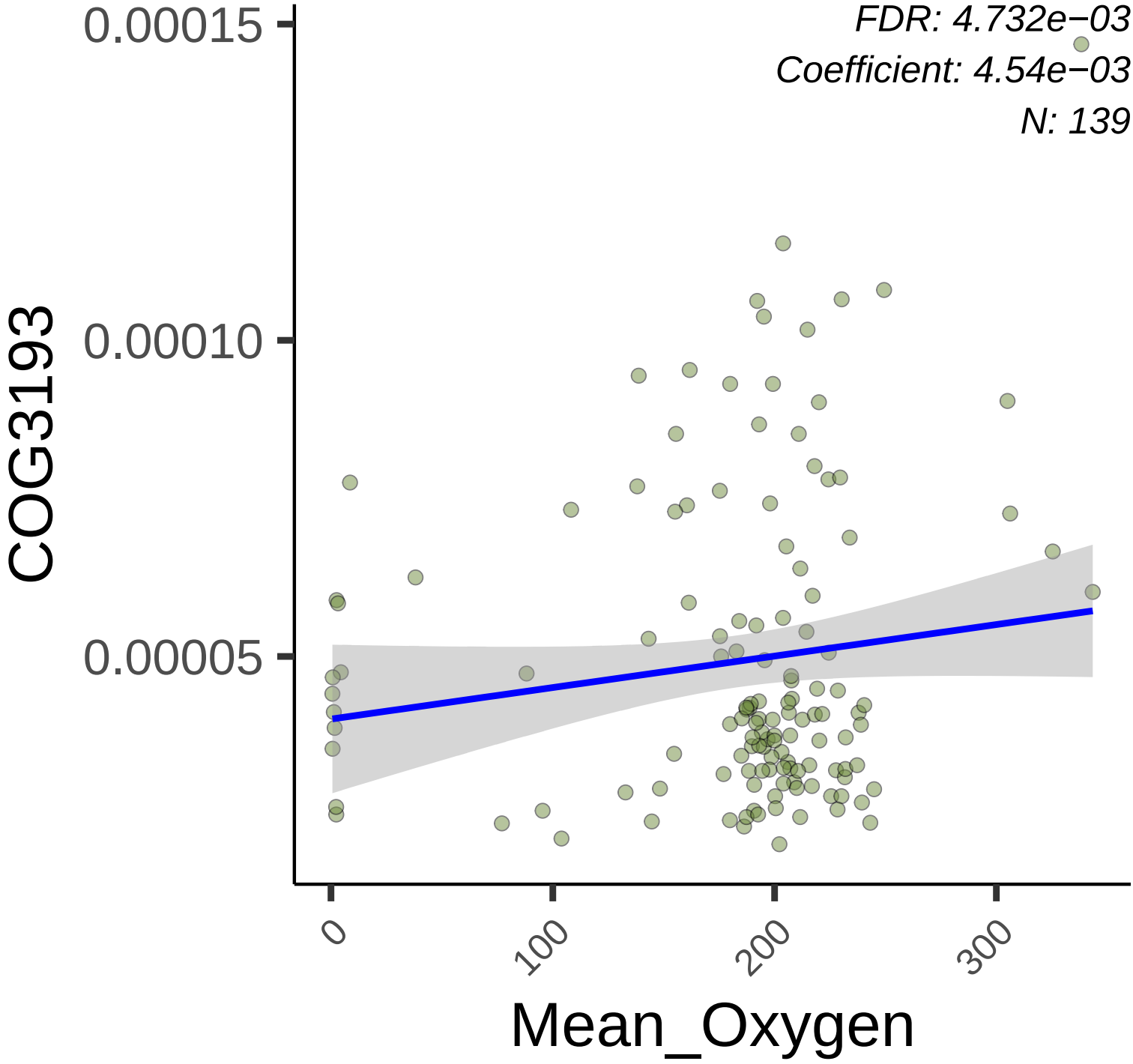
Mean_Oxygen


FDR: 4.732e−03
Coefficient: 4.54e−03
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COG3193
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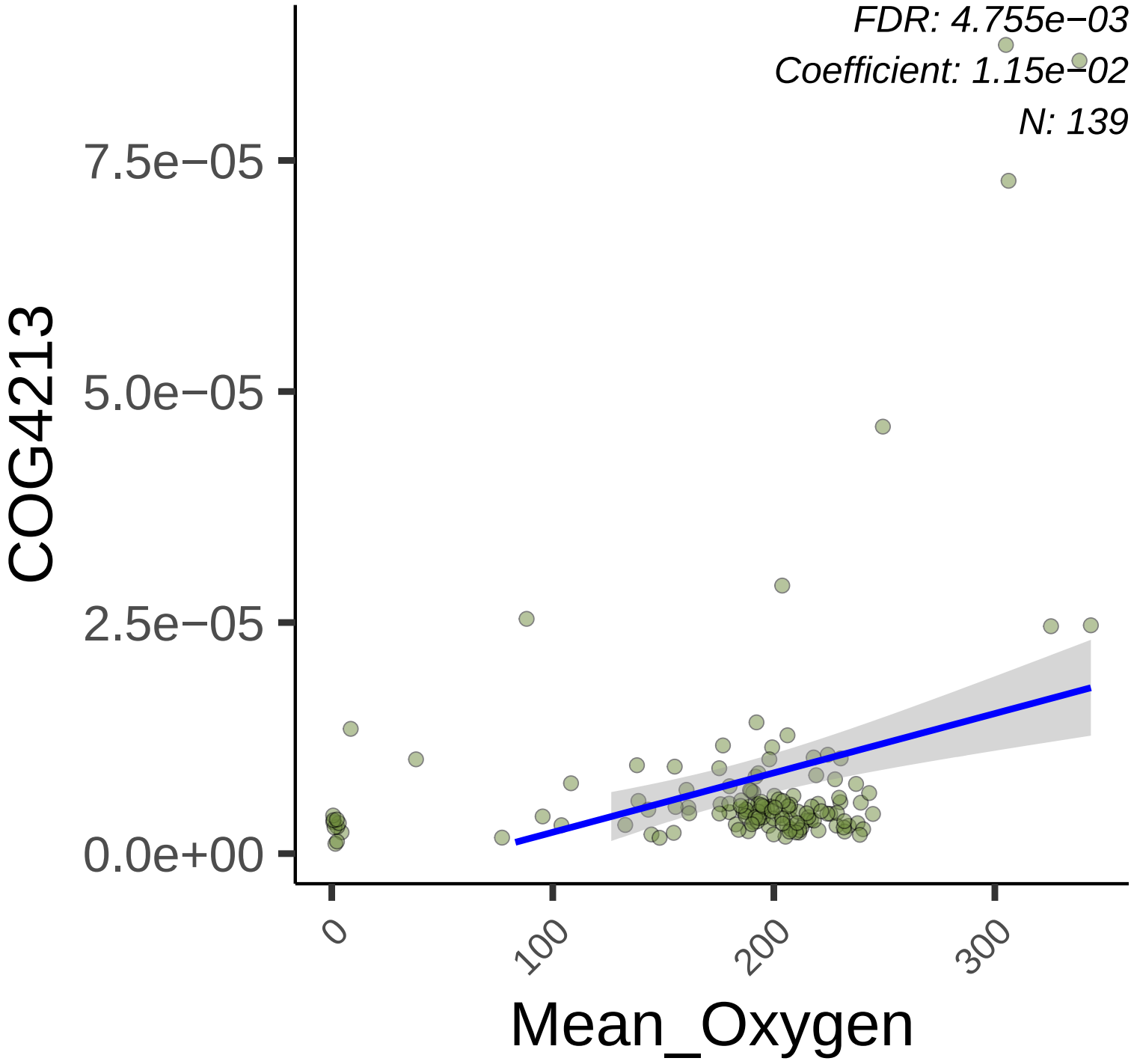
Mean_Oxygen


FDR: 4.755e−03
Coefficient: 1.15e−02
N: 139
COG4213
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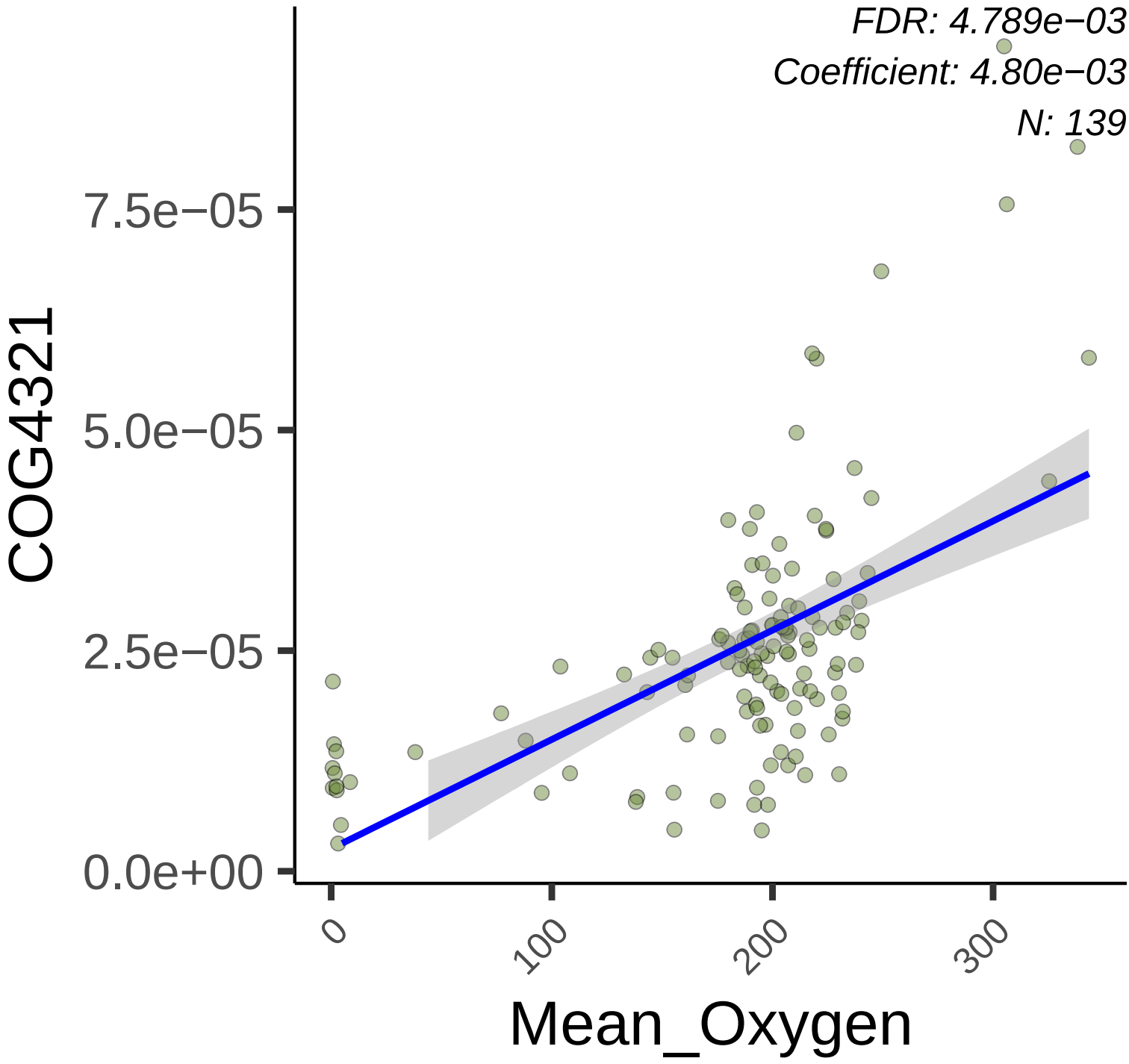
300
Mean_Oxygen


FDR: 4.789e−03
Coefficient: 4.80e−03
N: 139
COG4321
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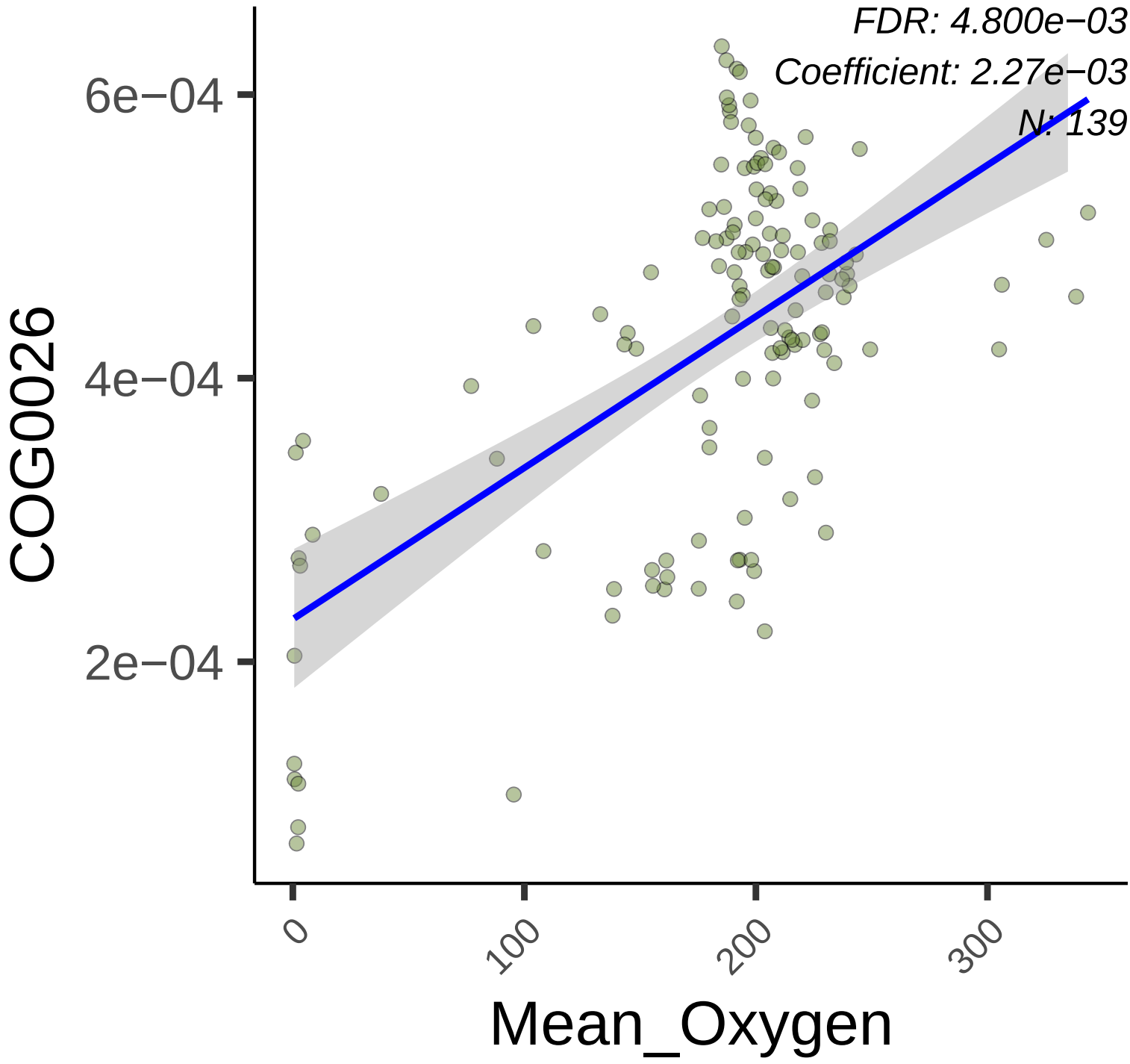
300
Mean_Oxygen


FDR: 4.800e−03
Coefficient: 2.27e−03
N: 139
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COG0026
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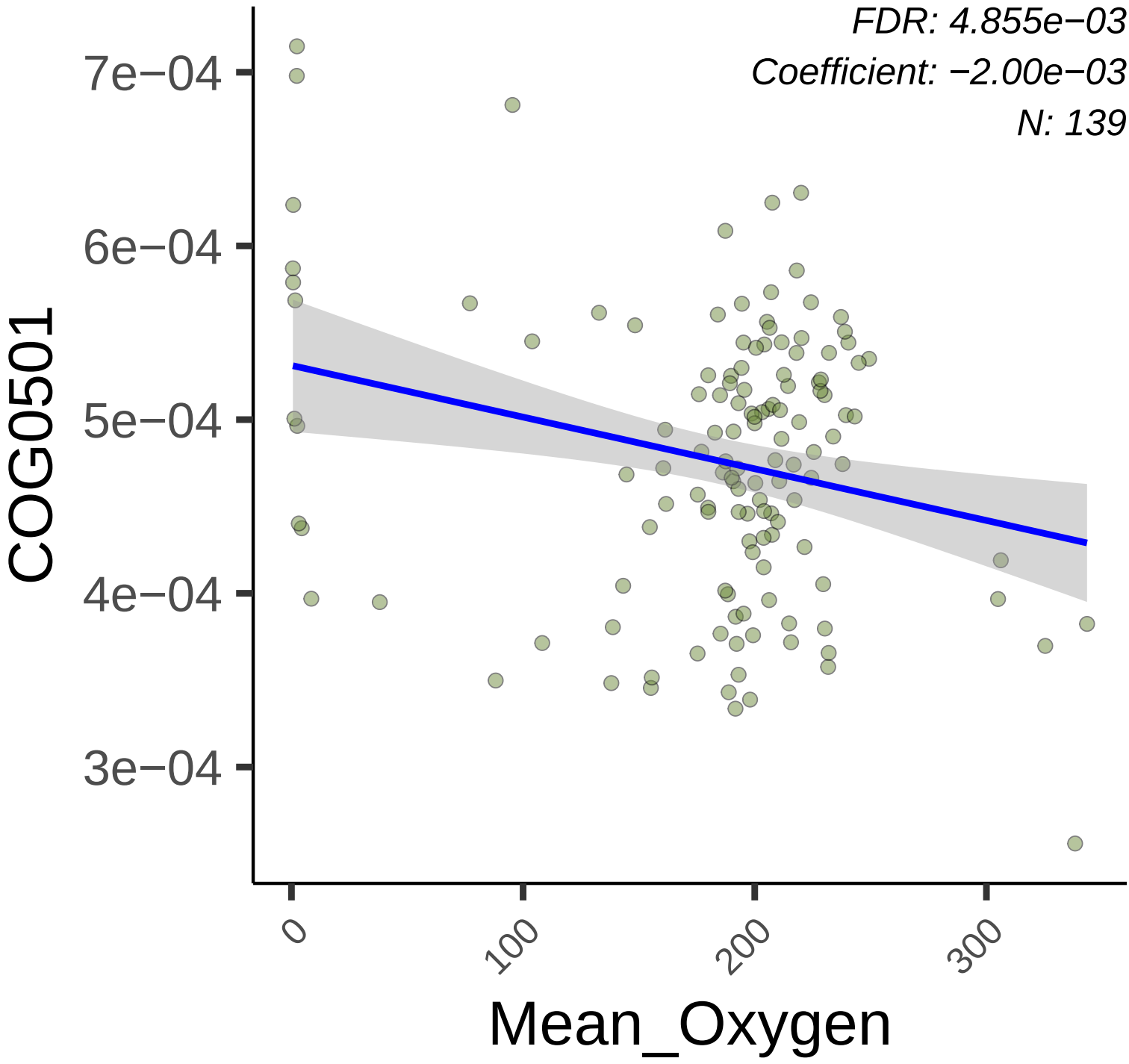
200
300
Mean_Oxygen


FDR: 4.855e−03
Coefficient: −2.00e−03
N: 139
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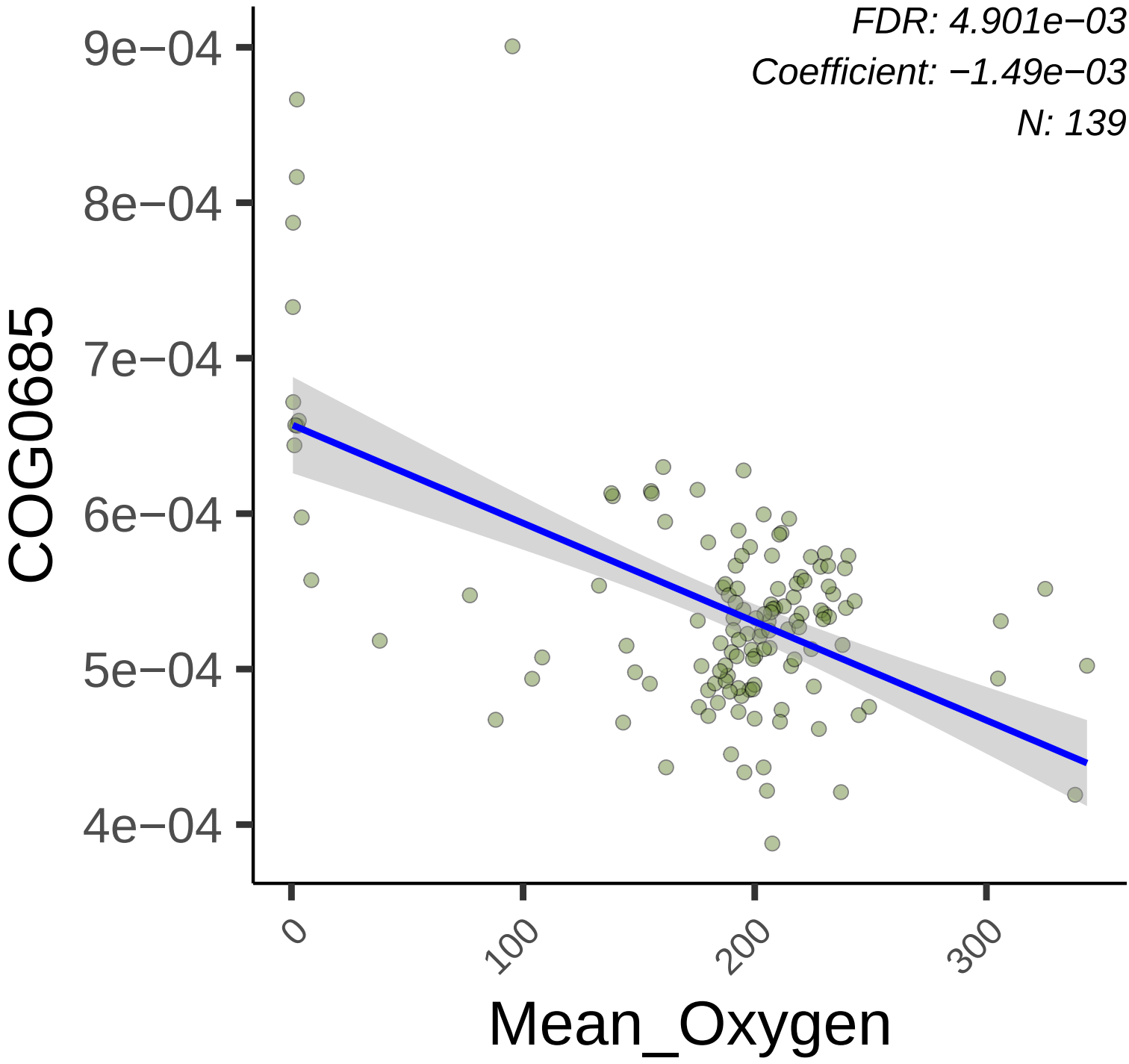
Mean_Oxygen


FDR: 4.901e−03
Coefficient: −1.49e−03
N: 139
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6e−04
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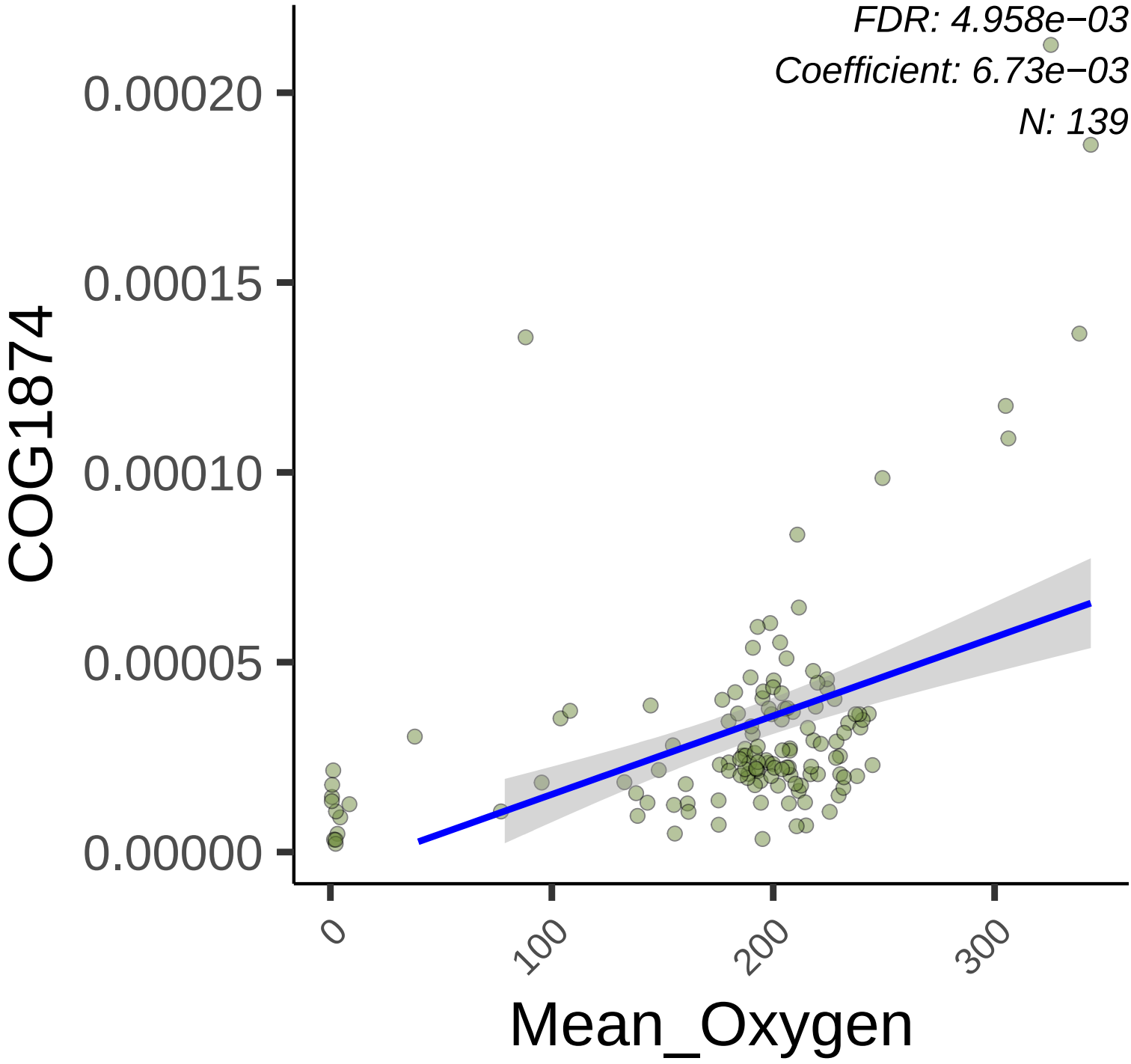
200
300
Mean_Oxygen


FDR: 4.958e−03
Coefficient: 6.73e−03
N: 139
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200
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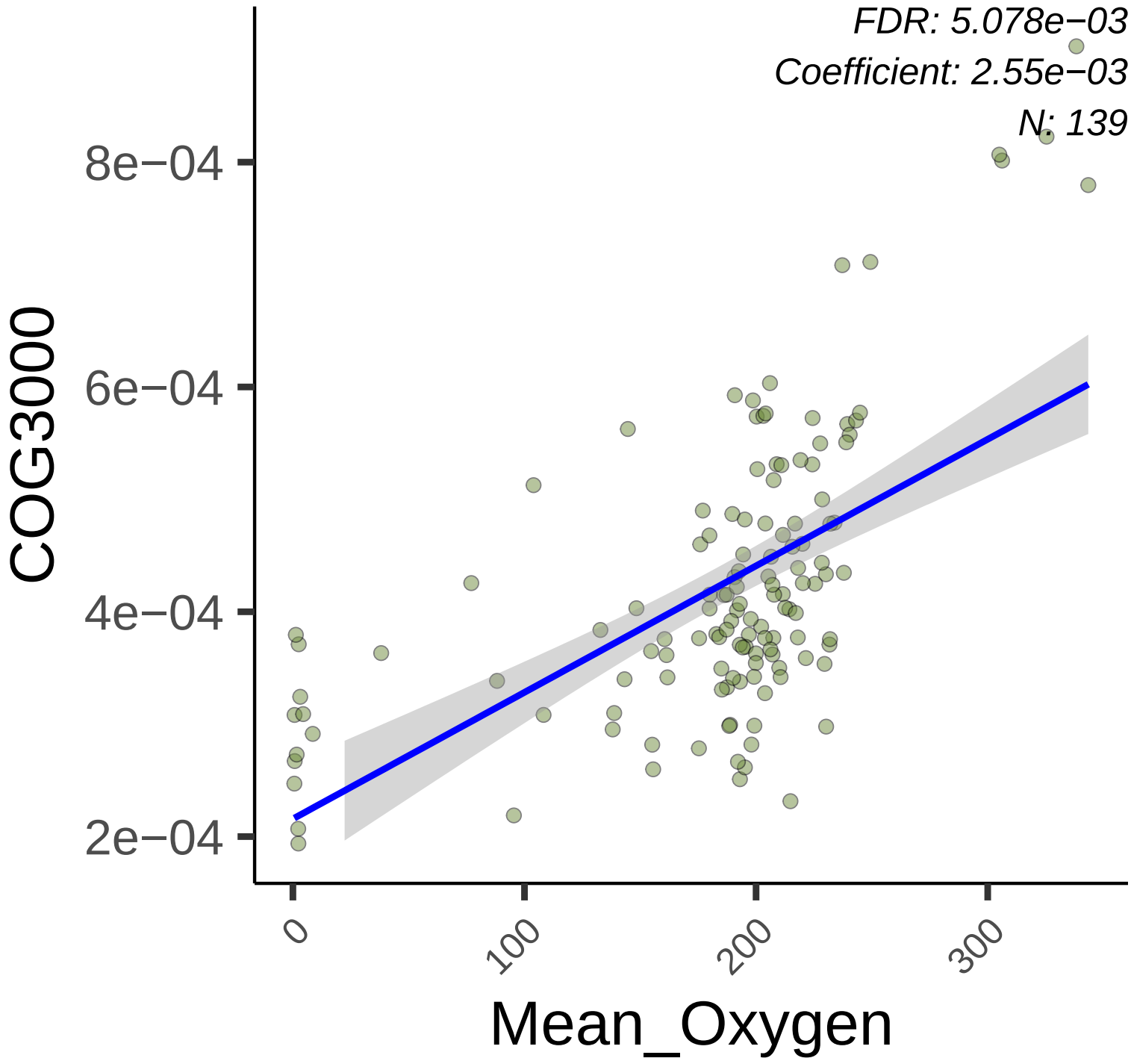
Mean_Oxygen


FDR: 5.078e−03
Coefficient: 2.55e−03
N: 139
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COG3000
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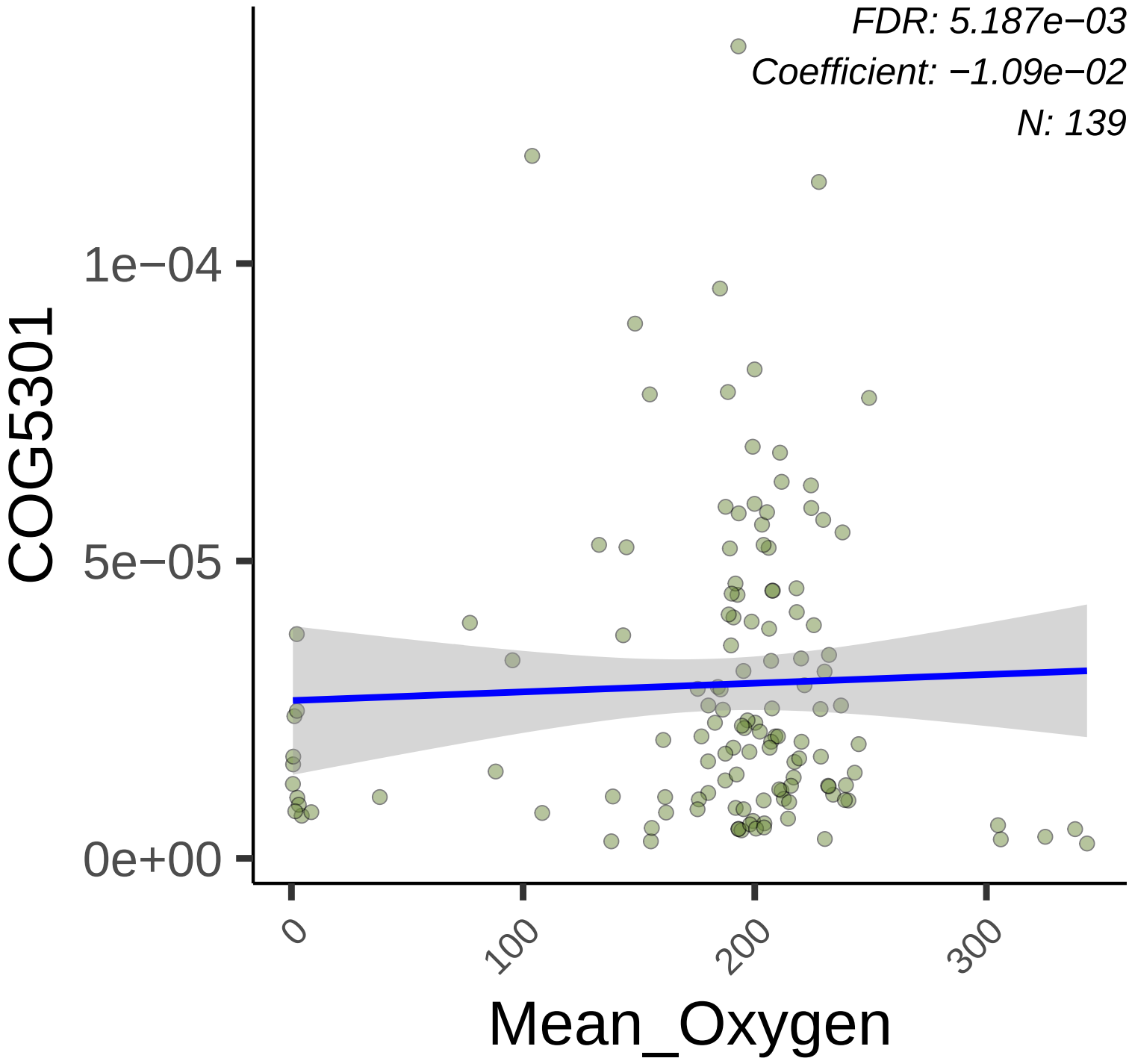
200
300
Mean_Oxygen


FDR: 5.187e−03
Coefficient: −1.09e−02
N: 139
COG5301
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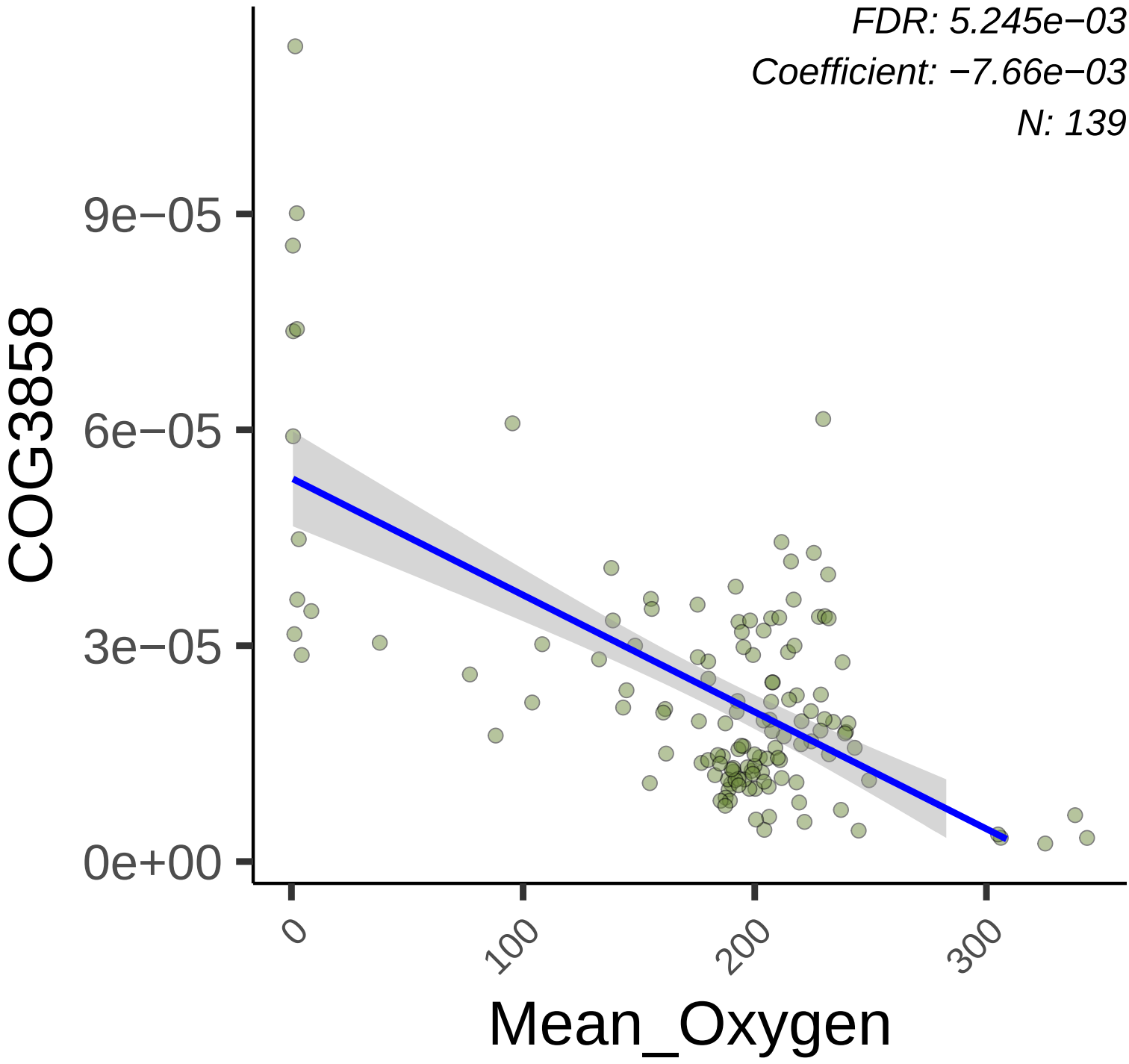
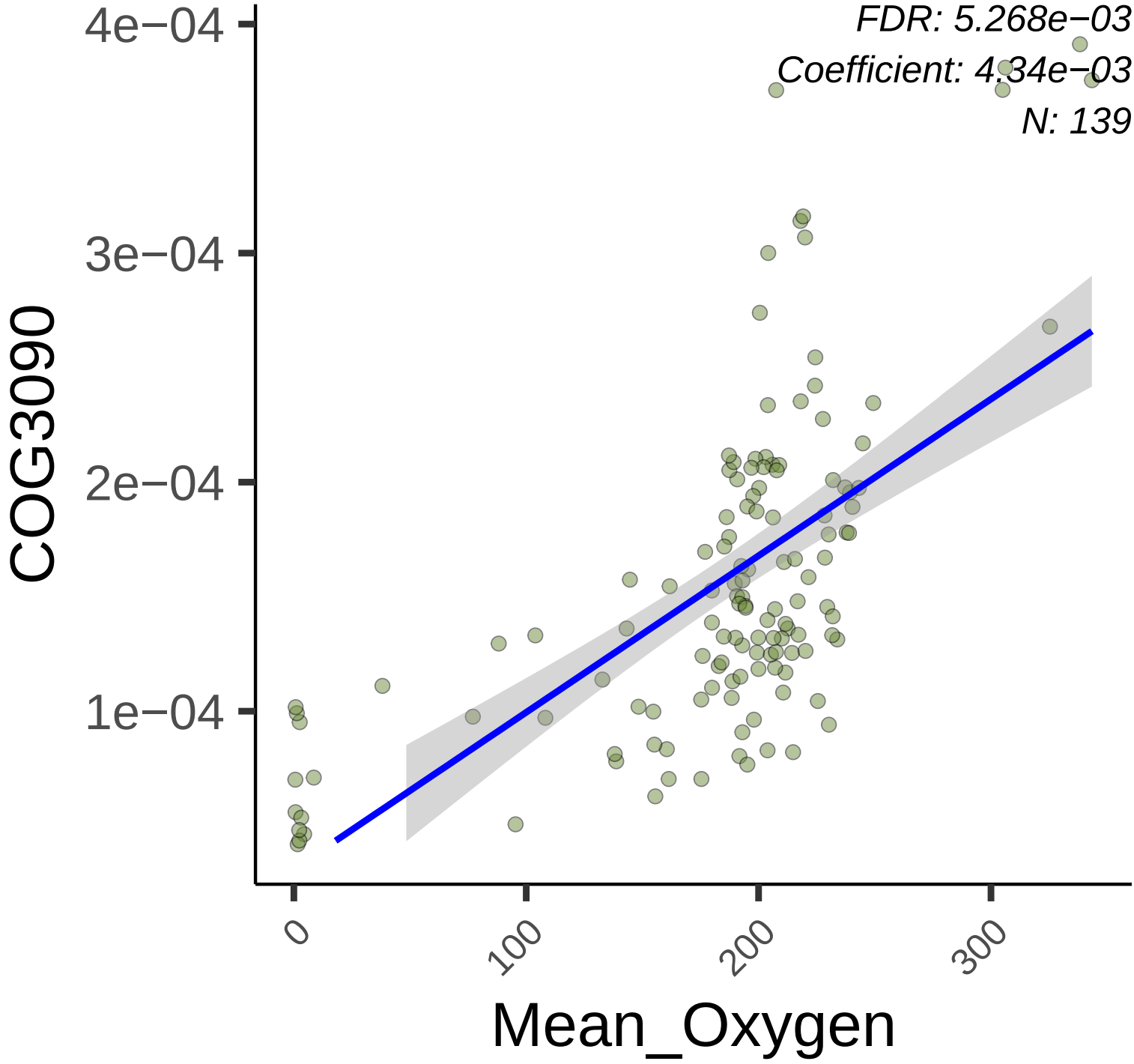
300
Mean_Oxygen


FDR: 5.245e−03
Coefficient: −7.66e−03
N: 139
COG3858
9e−05
6e−05
3e−05
0e+00
0
100
200
300
Mean_Oxygen


FDR: 5.268e−03
Coefficient: 4.34e−03
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COG3090
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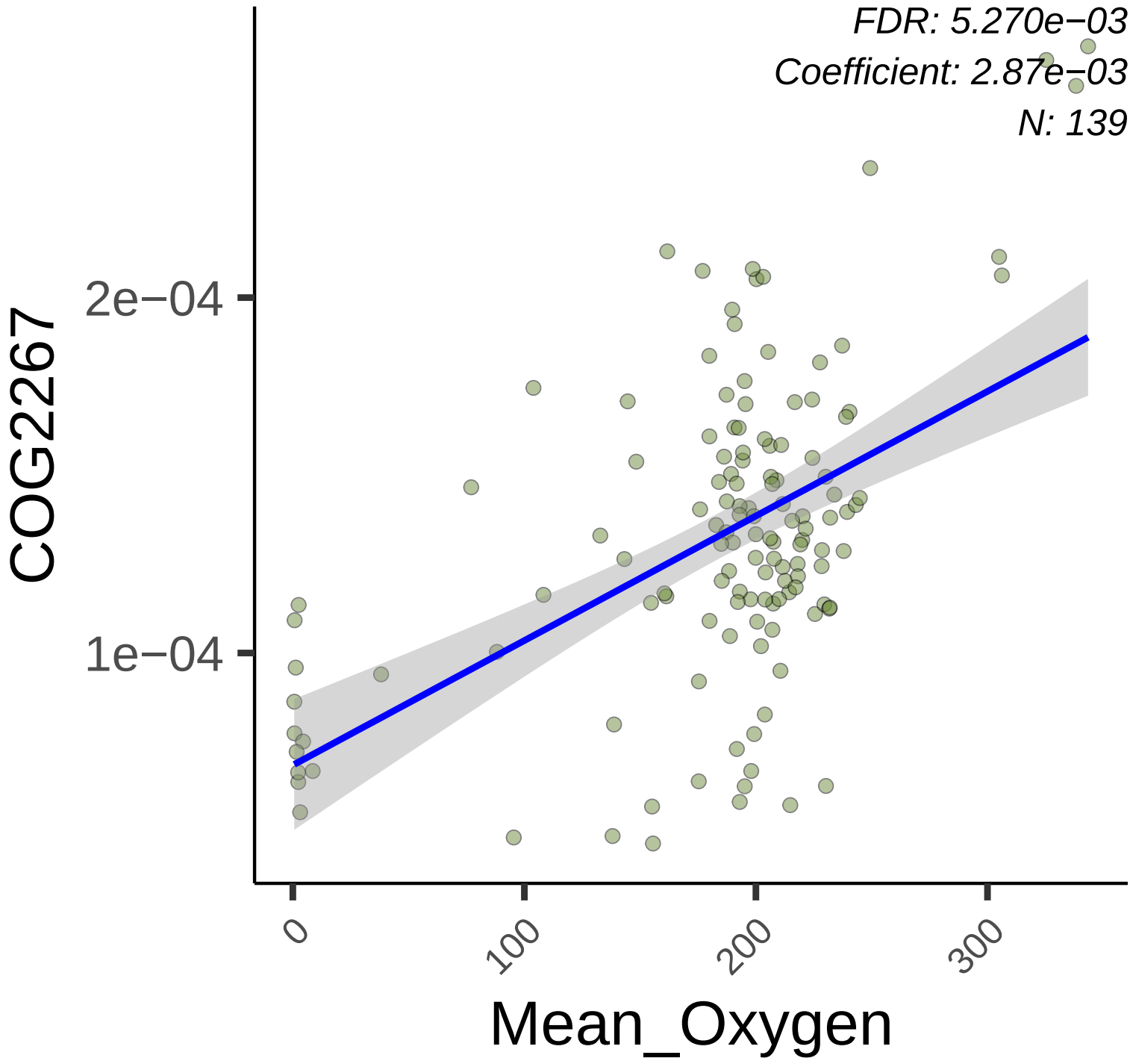
Mean_Oxygen


FDR: 5.270e−03
Coefficient: 2.87e−03
N: 139
COG2267
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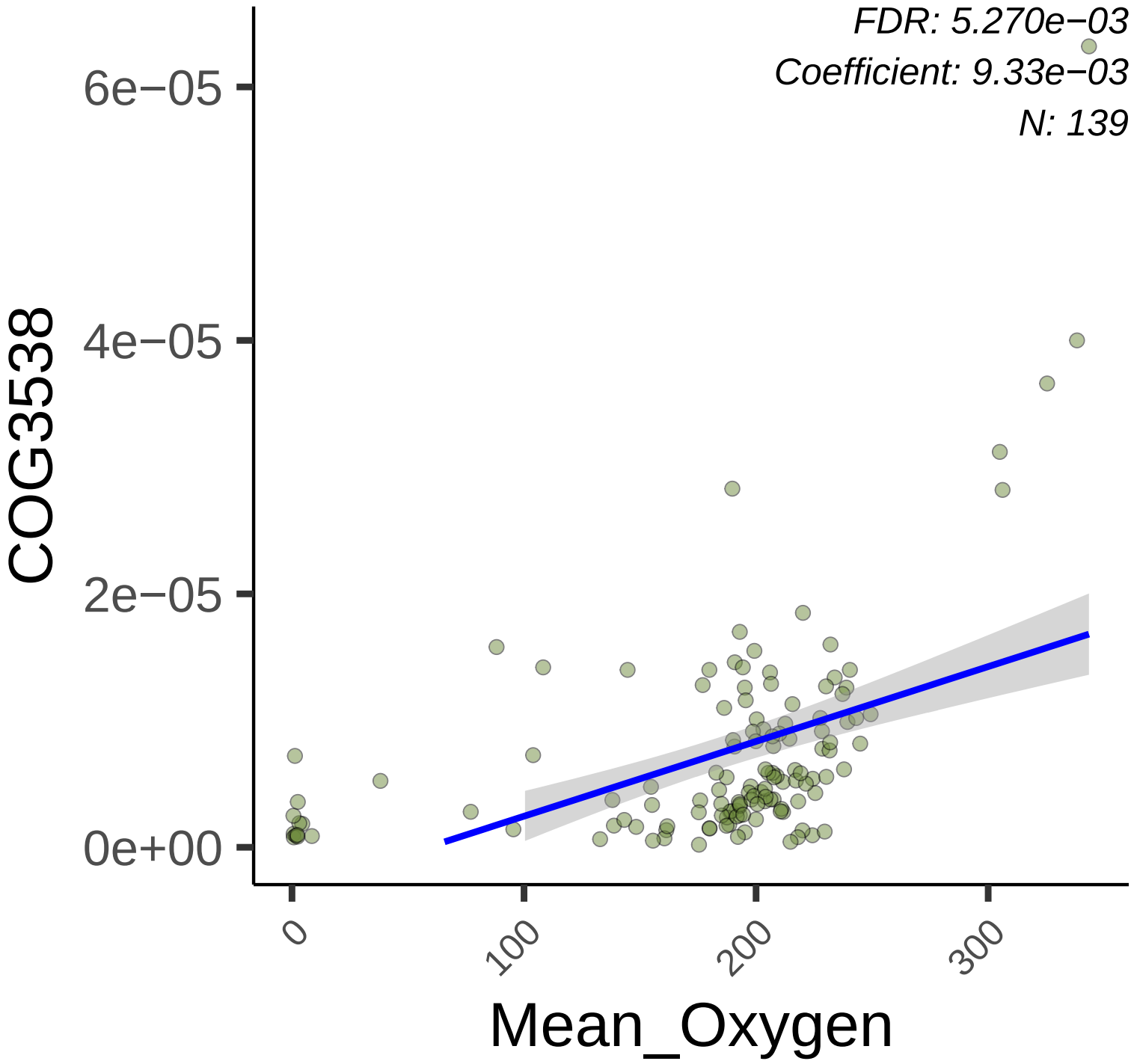
Mean_Oxygen


FDR: 5.270e−03
Coefficient: 9.33e−03
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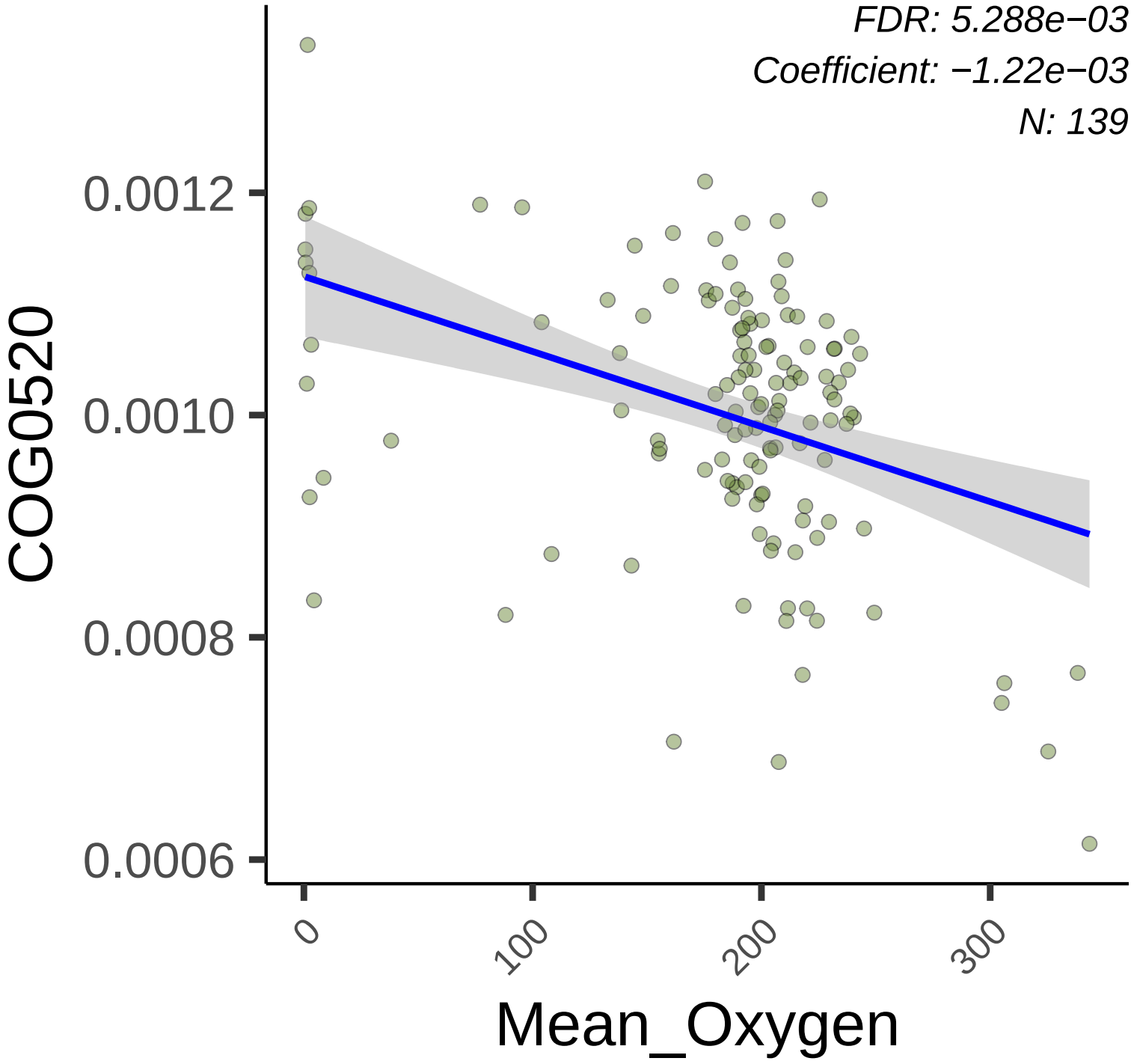
Mean_Oxygen


FDR: 5.288e−03
Coefficient: −1.22e−03
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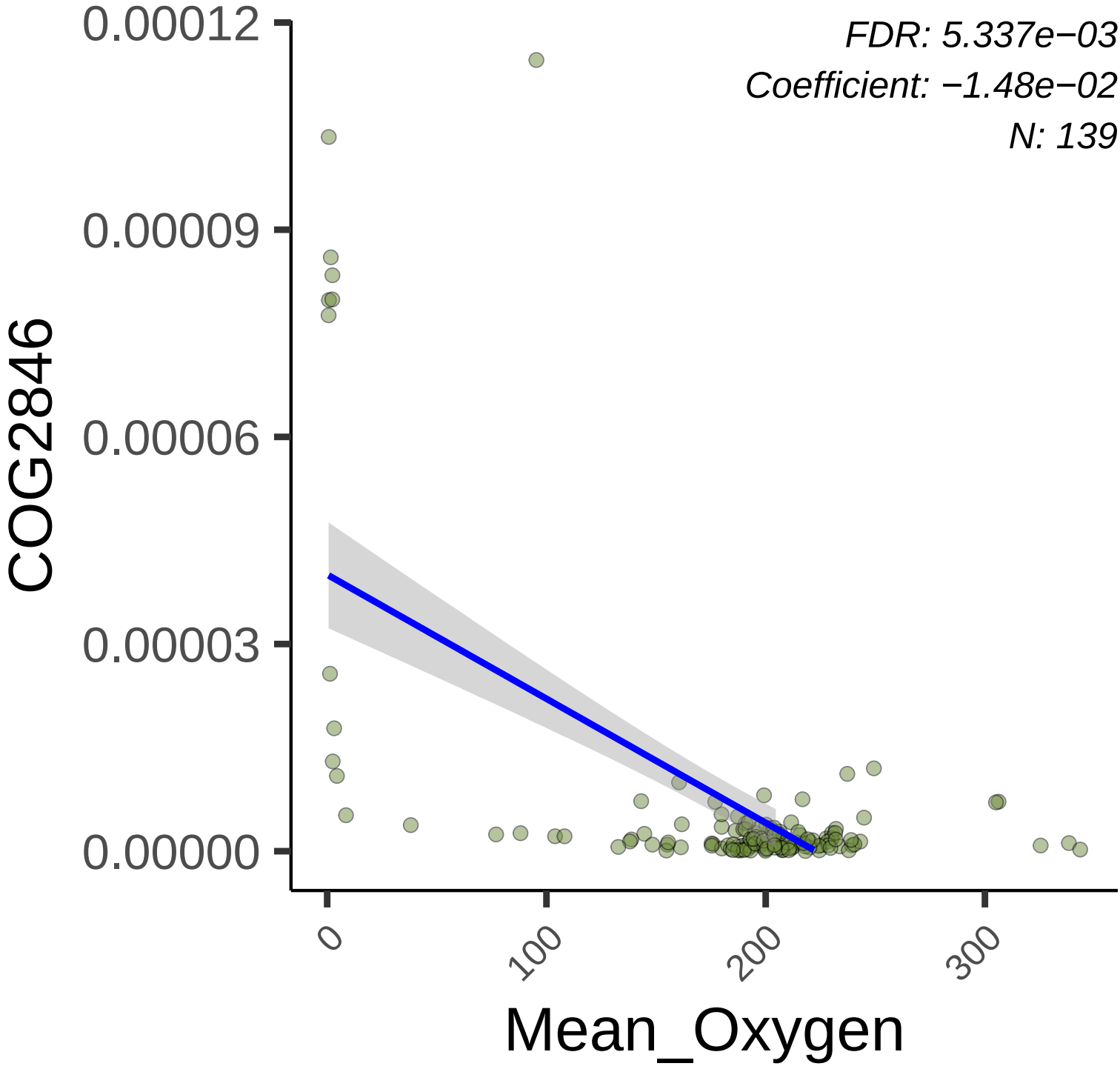
Mean_Oxygen


FDR: 5.337e−03
Coefficient: −1.48e−02
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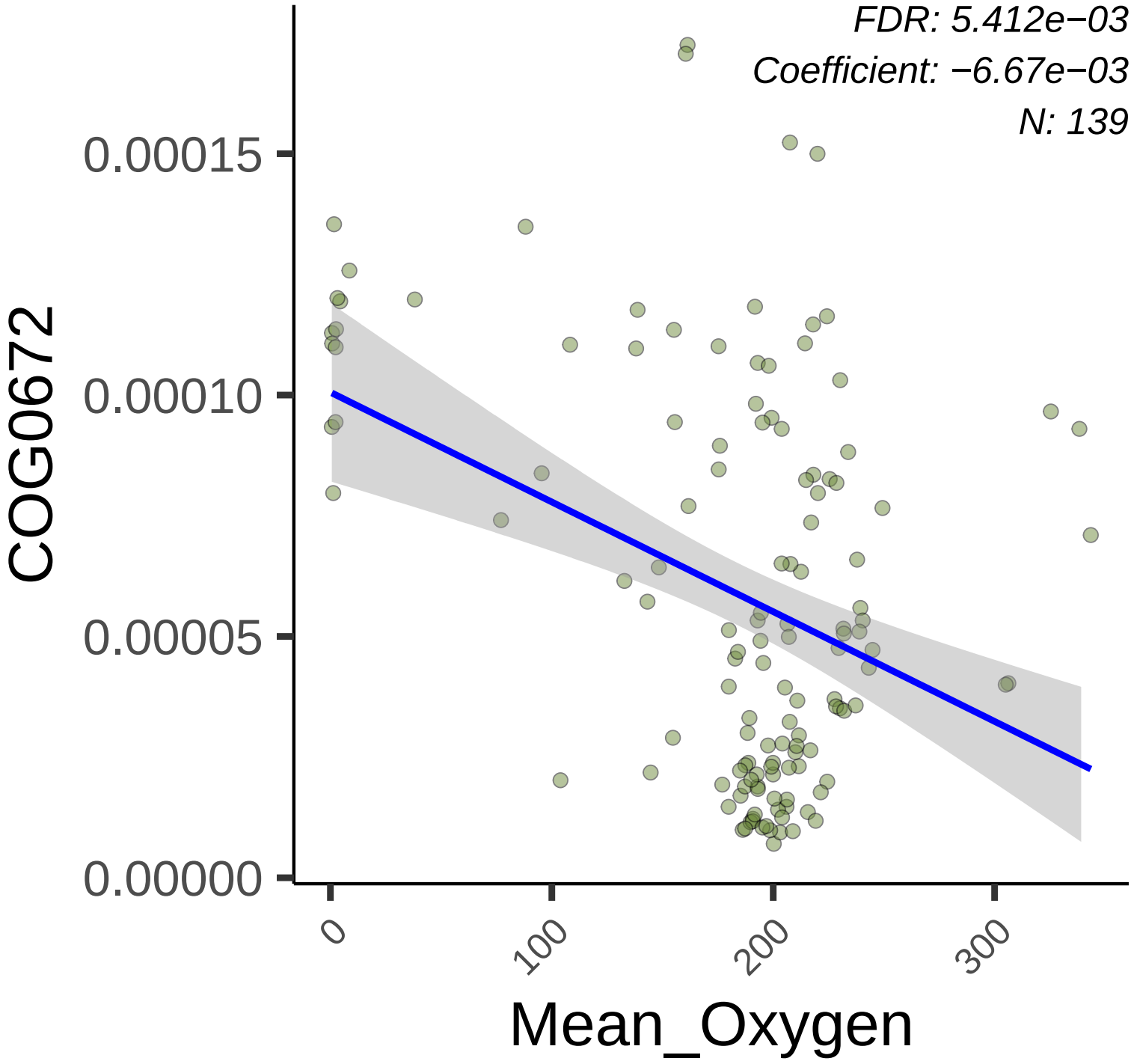
Mean_Oxygen


FDR: 5.412e−03
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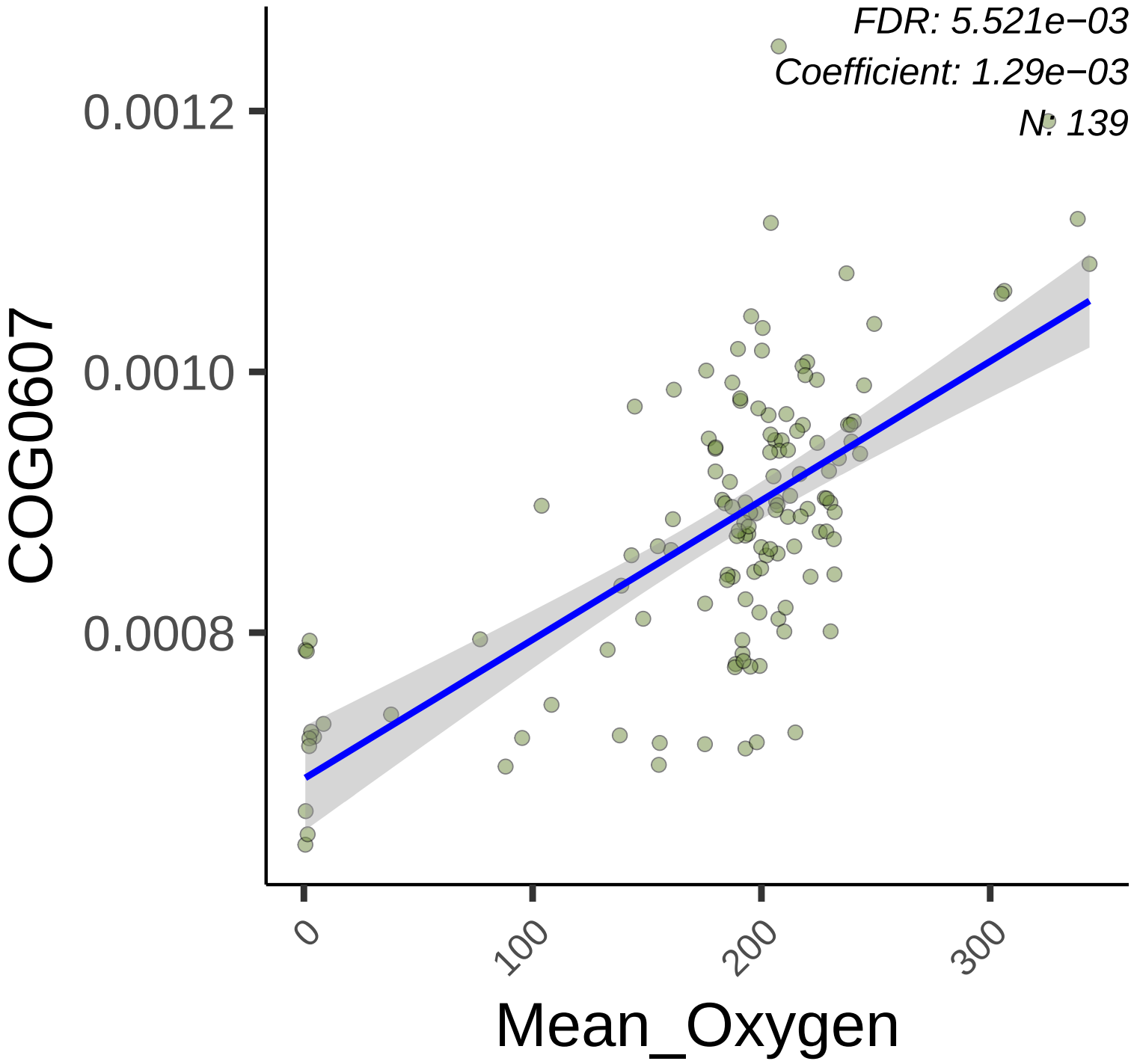
Mean_Oxygen


FDR: 5.521e−03
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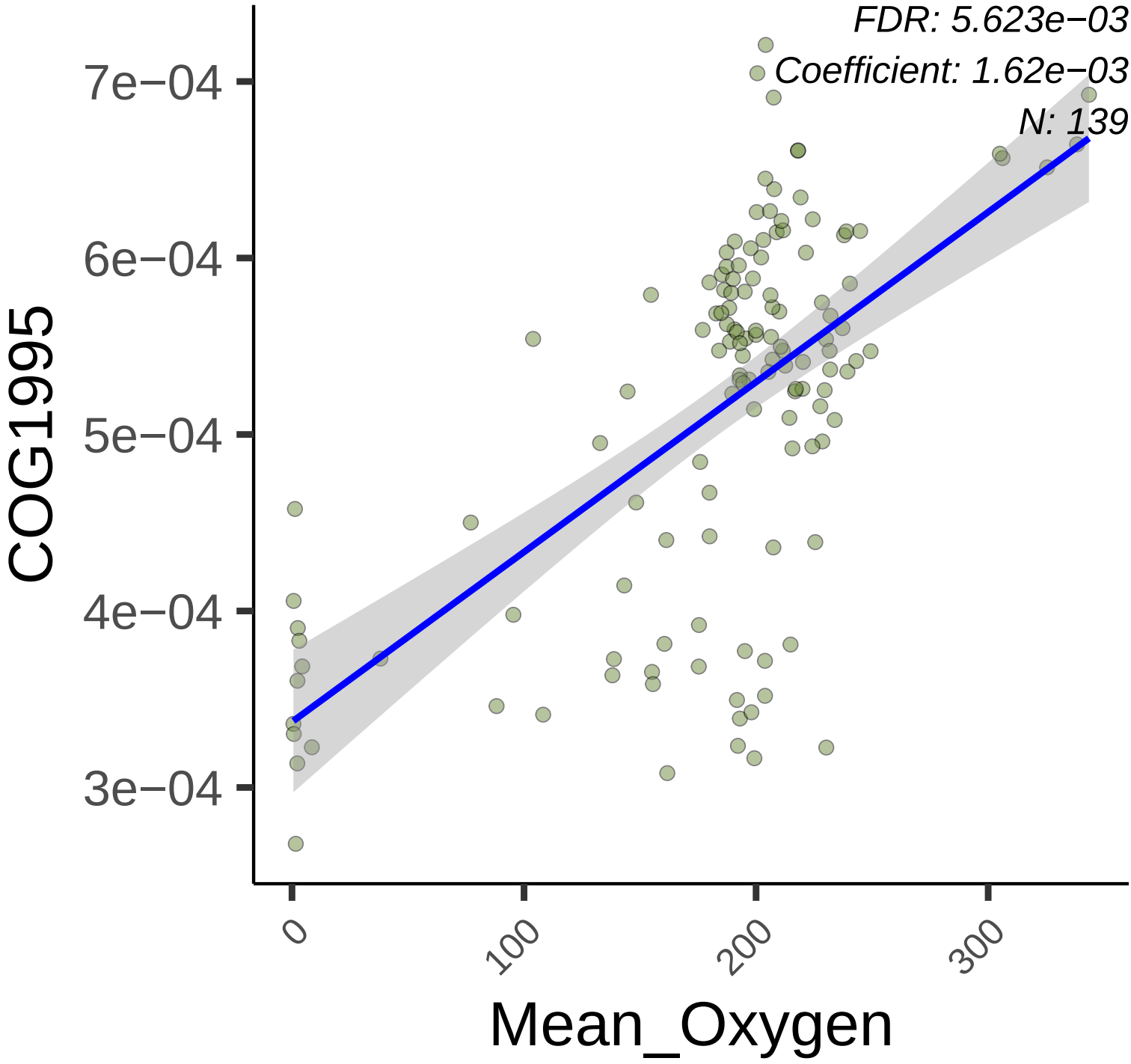
Mean_Oxygen


FDR: 5.623e−03
Coefficient: 1.62e−03
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COG1995
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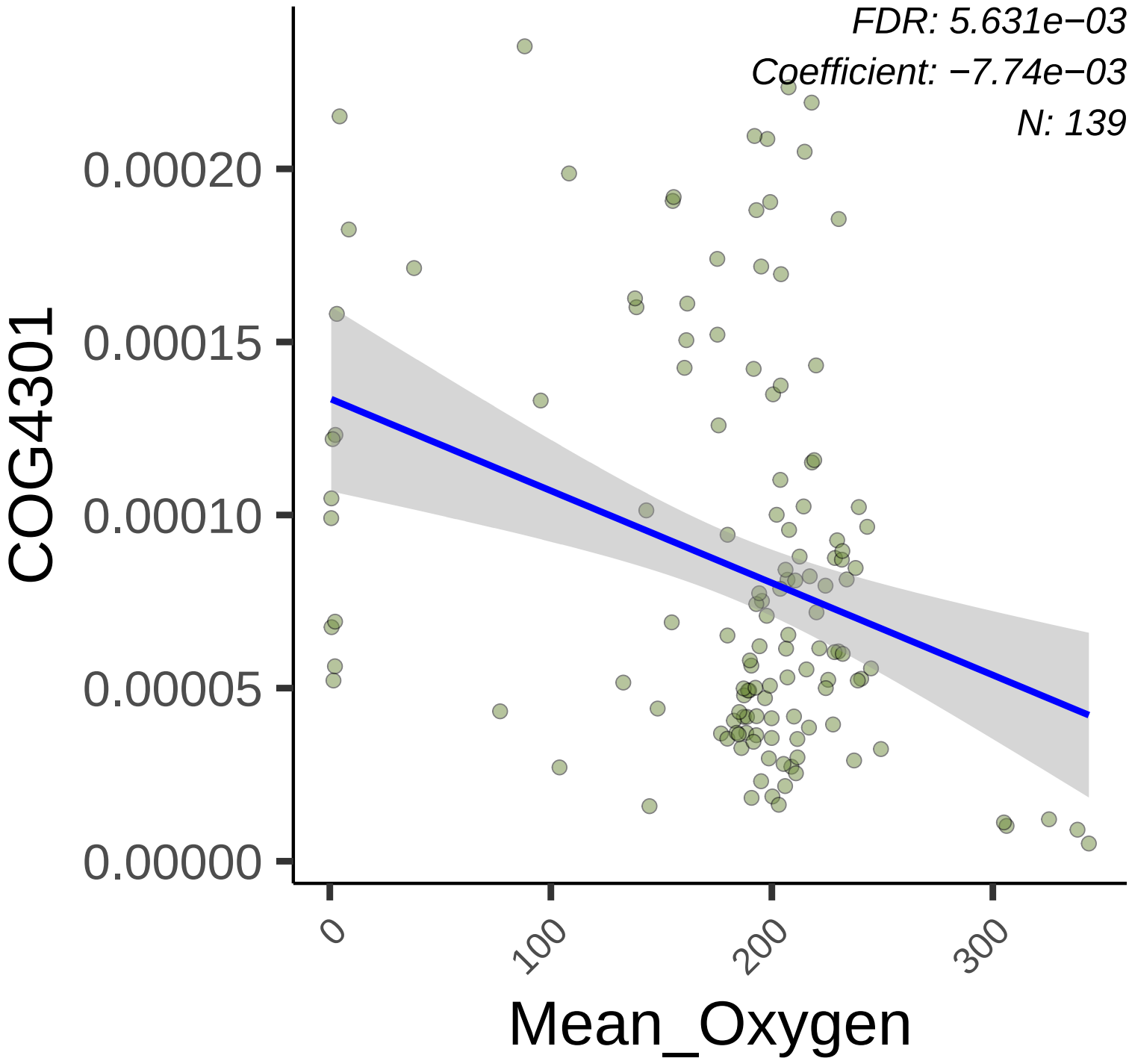
300
Mean_Oxygen


FDR: 5.631e−03
Coefficient: −7.74e−03
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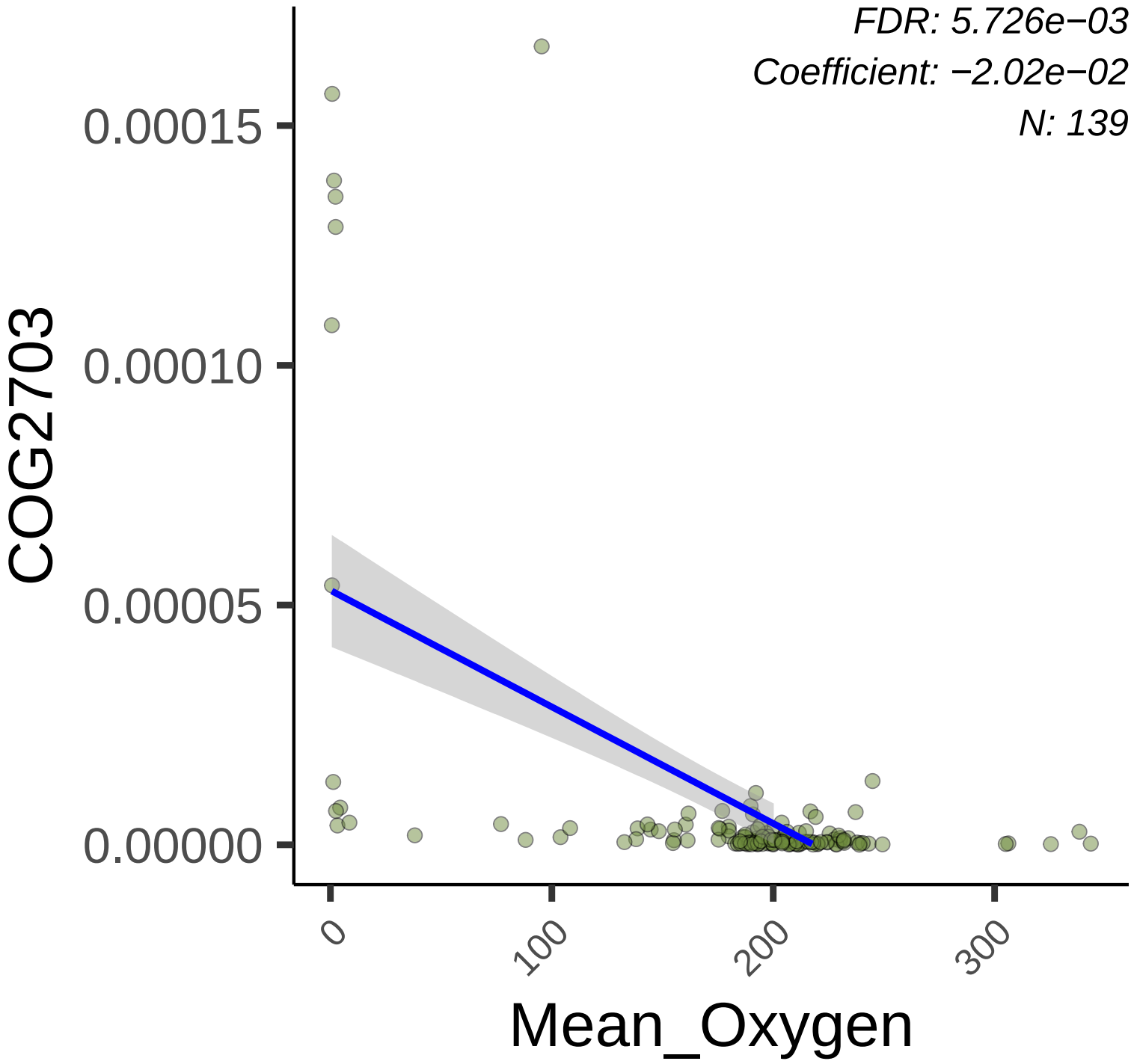
Mean_Oxygen


FDR: 5.726e−03
Coefficient: −2.02e−02
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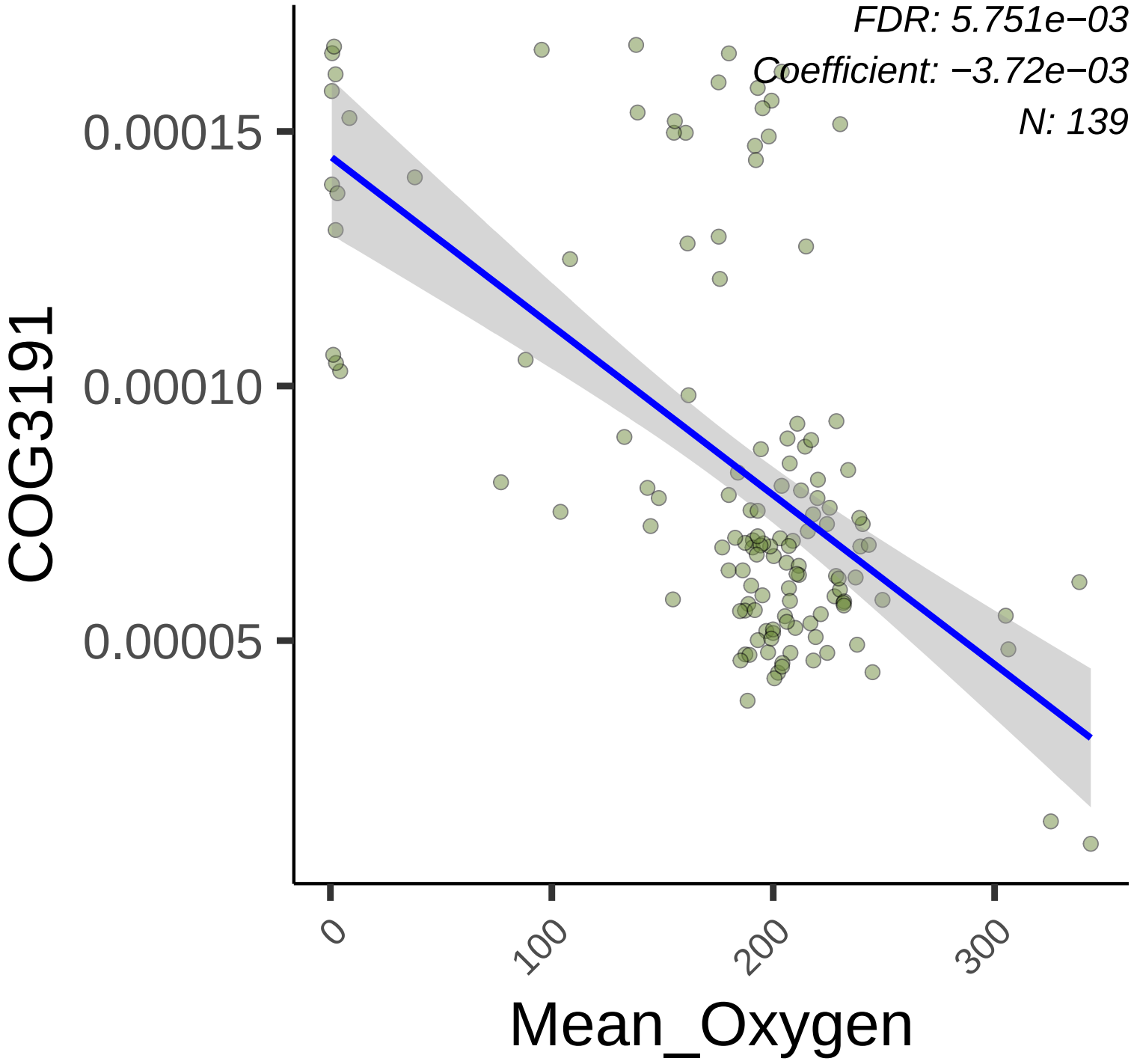
Mean_Oxygen


FDR: 5.751e−03
Coefficient: −3.72e−03
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COG3191
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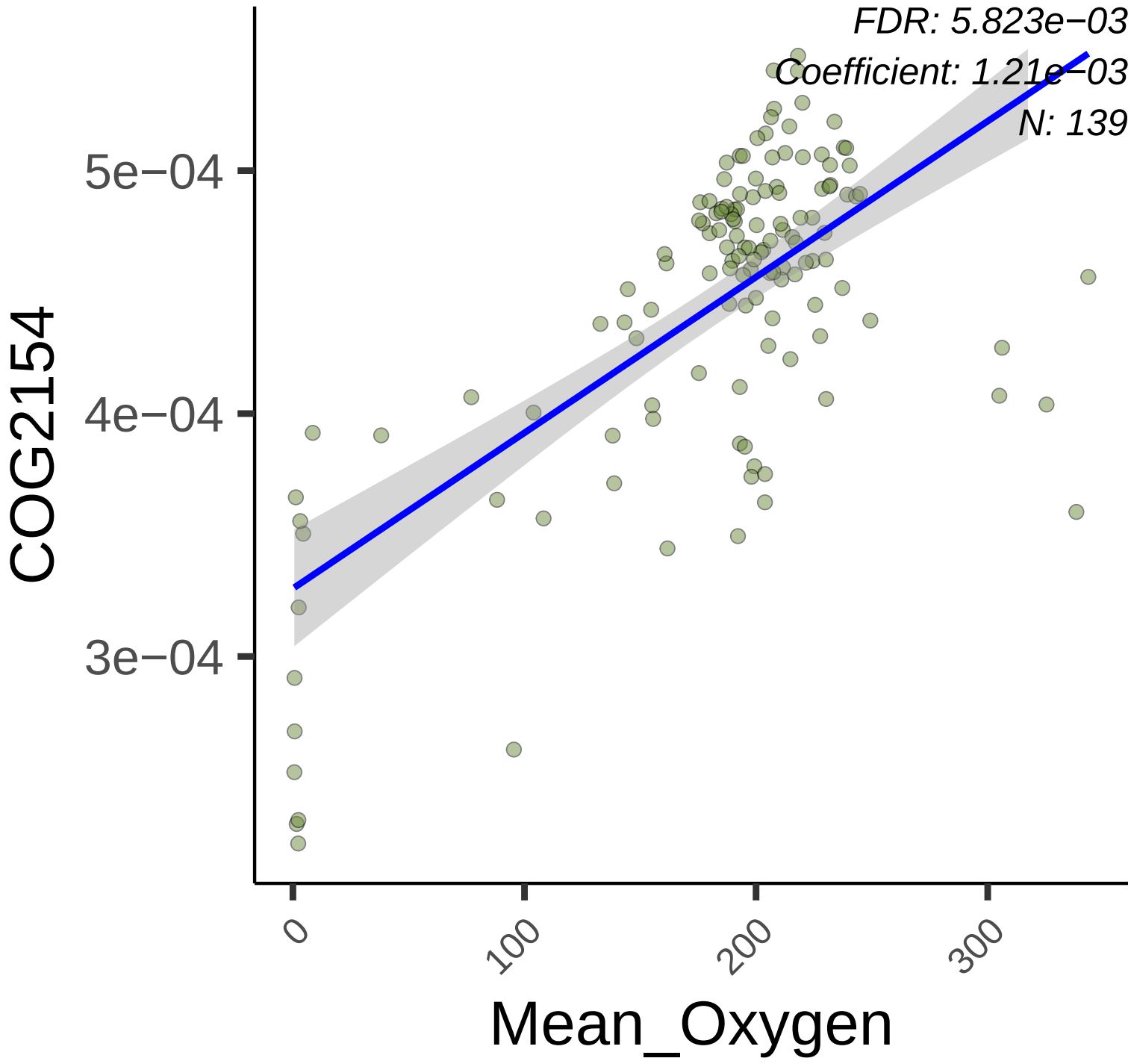
200
300
Mean_Oxygen


FDR: 5.823e−03
Coefficient: 1.21e−03
N: 139
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4e−04
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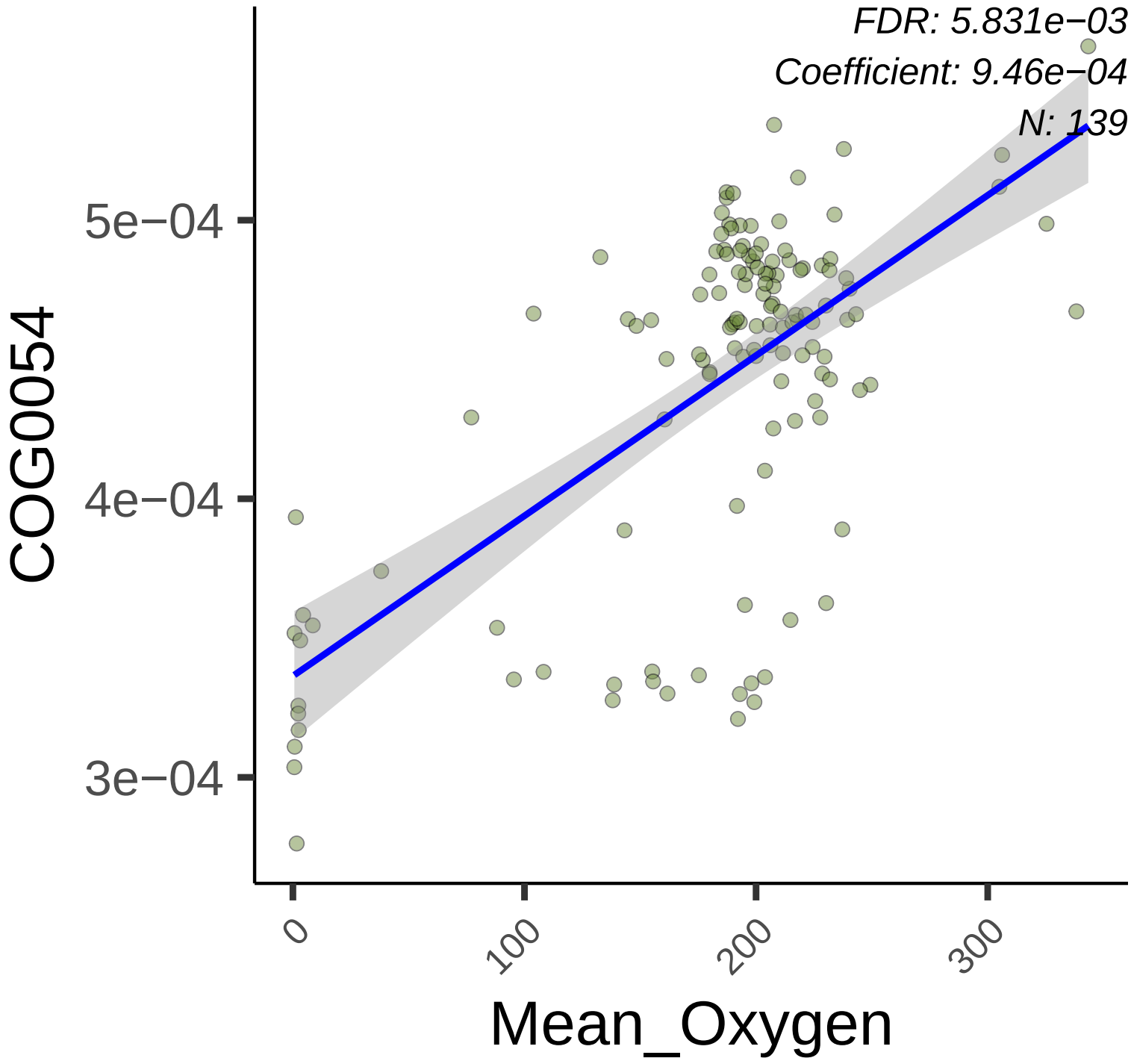
300
Mean_Oxygen


FDR: 5.831e−03
Coefficient: 9.46e−04
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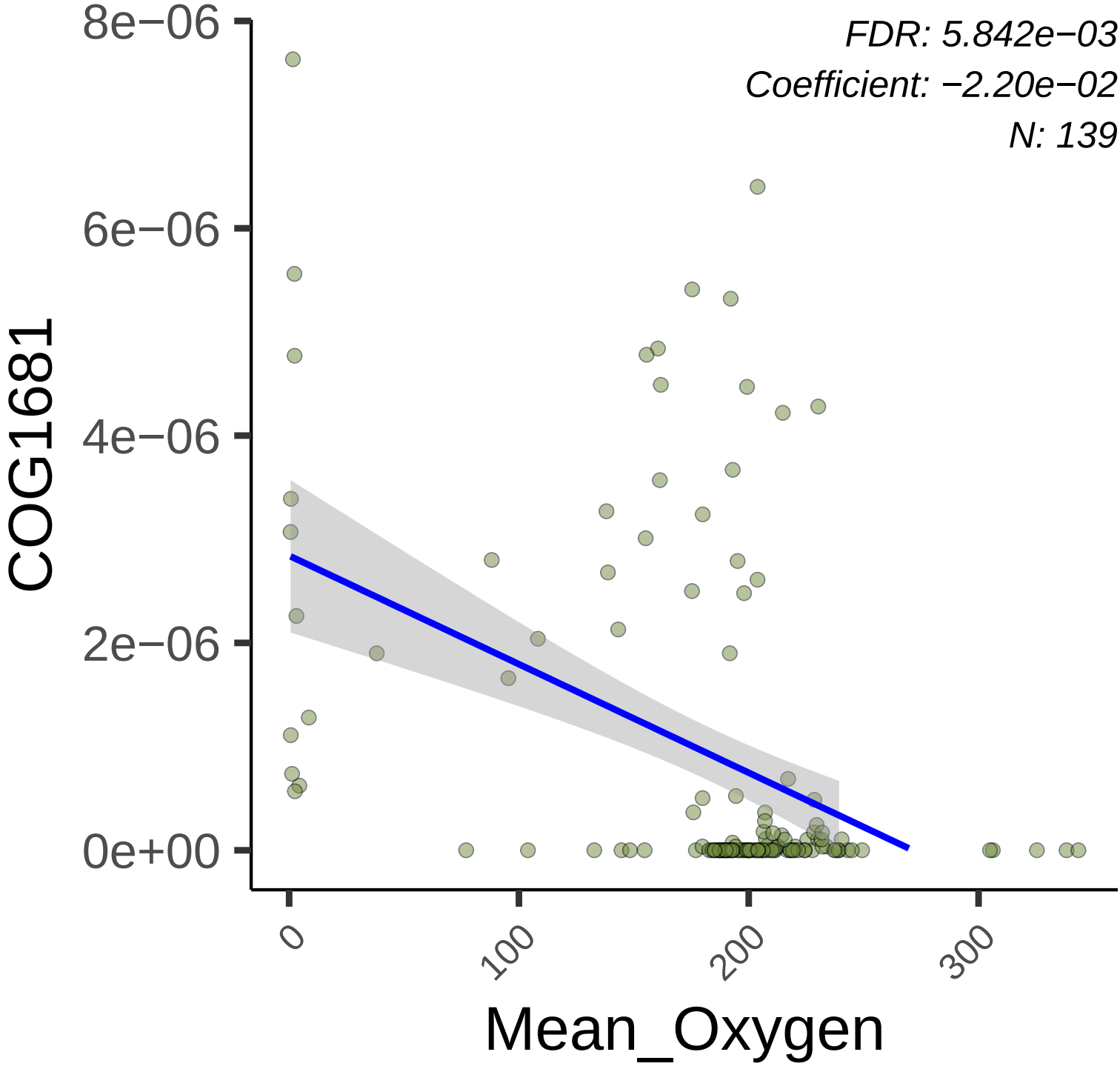
Mean_Oxygen


FDR: 5.842e−03
Coefficient: −2.20e−02
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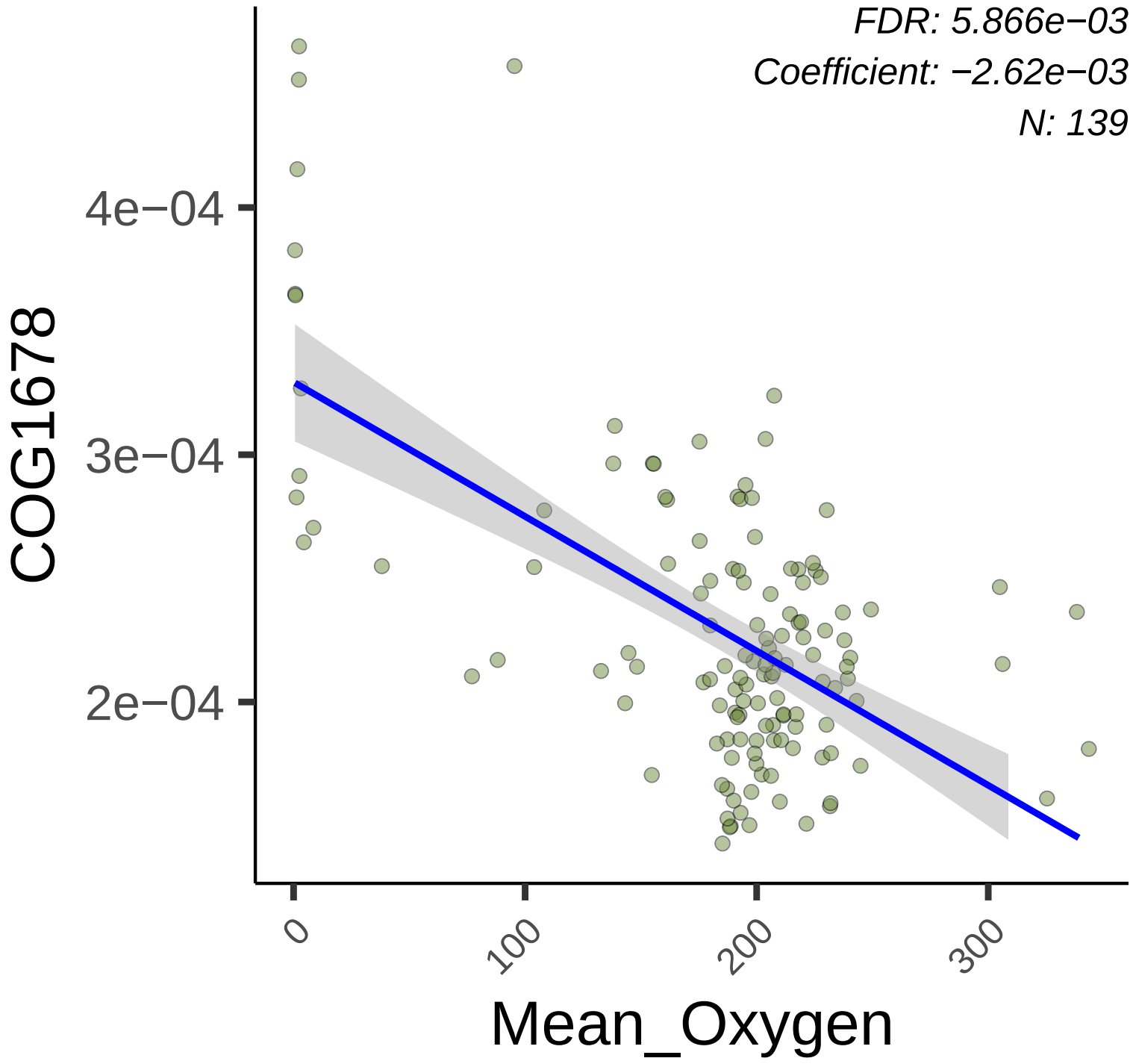
200
300
Mean_Oxygen


FDR: 5.866e−03
Coefficient: −2.62e−03
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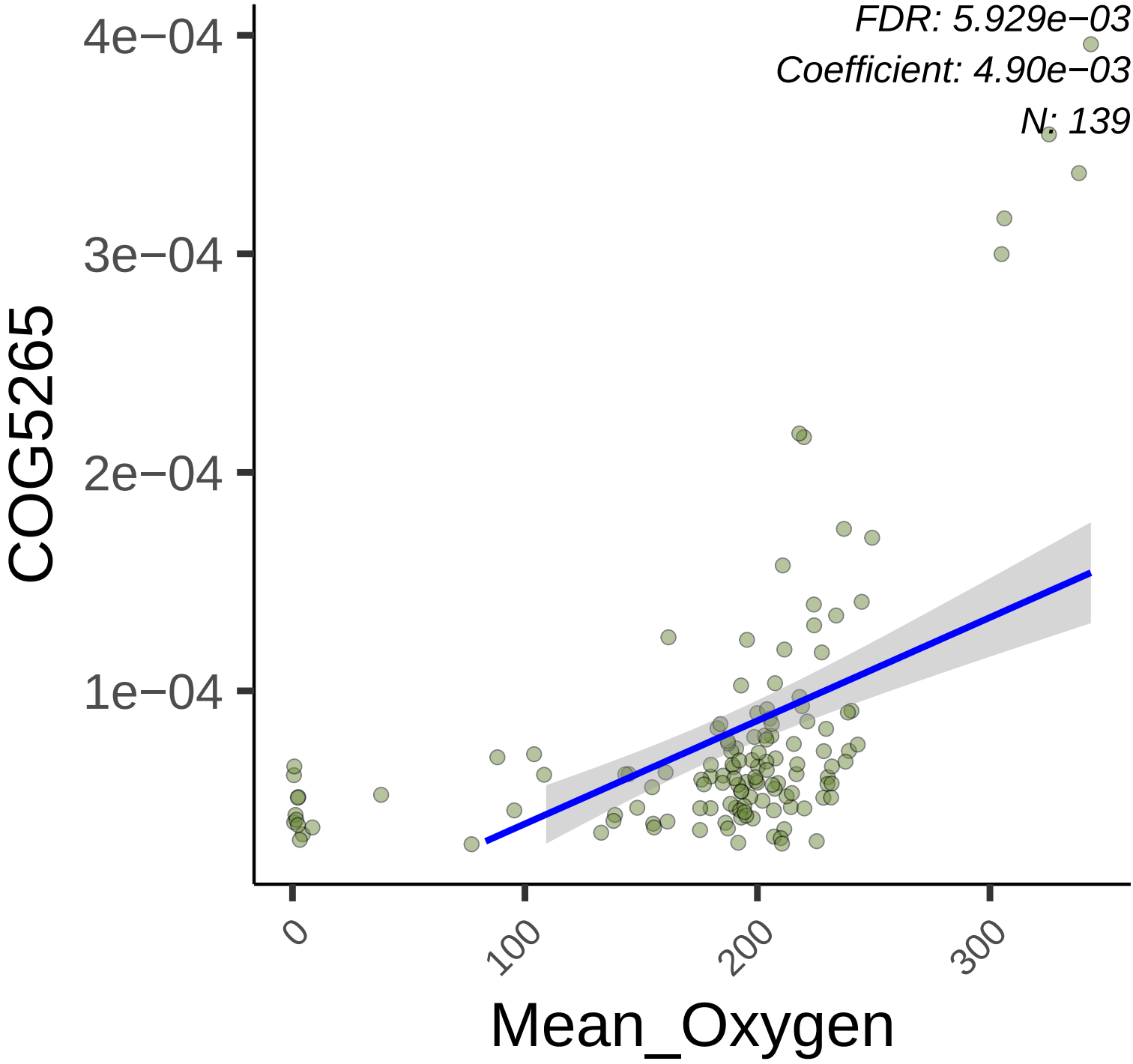
200
300
Mean_Oxygen


FDR: 5.929e−03
Coefficient: 4.90e−03
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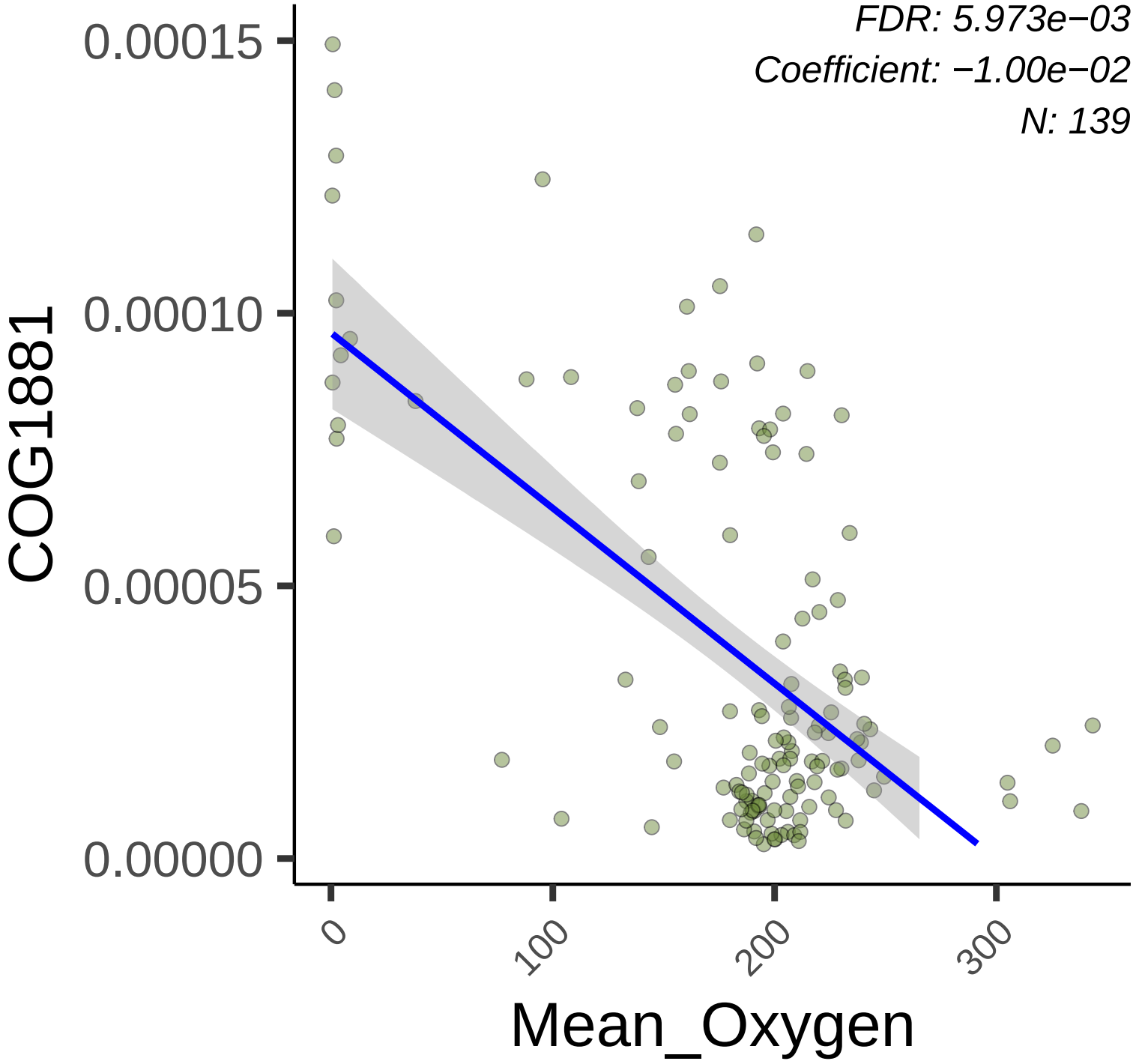
200
300
Mean_Oxygen


FDR: 5.973e−03
Coefficient: −1.00e−02
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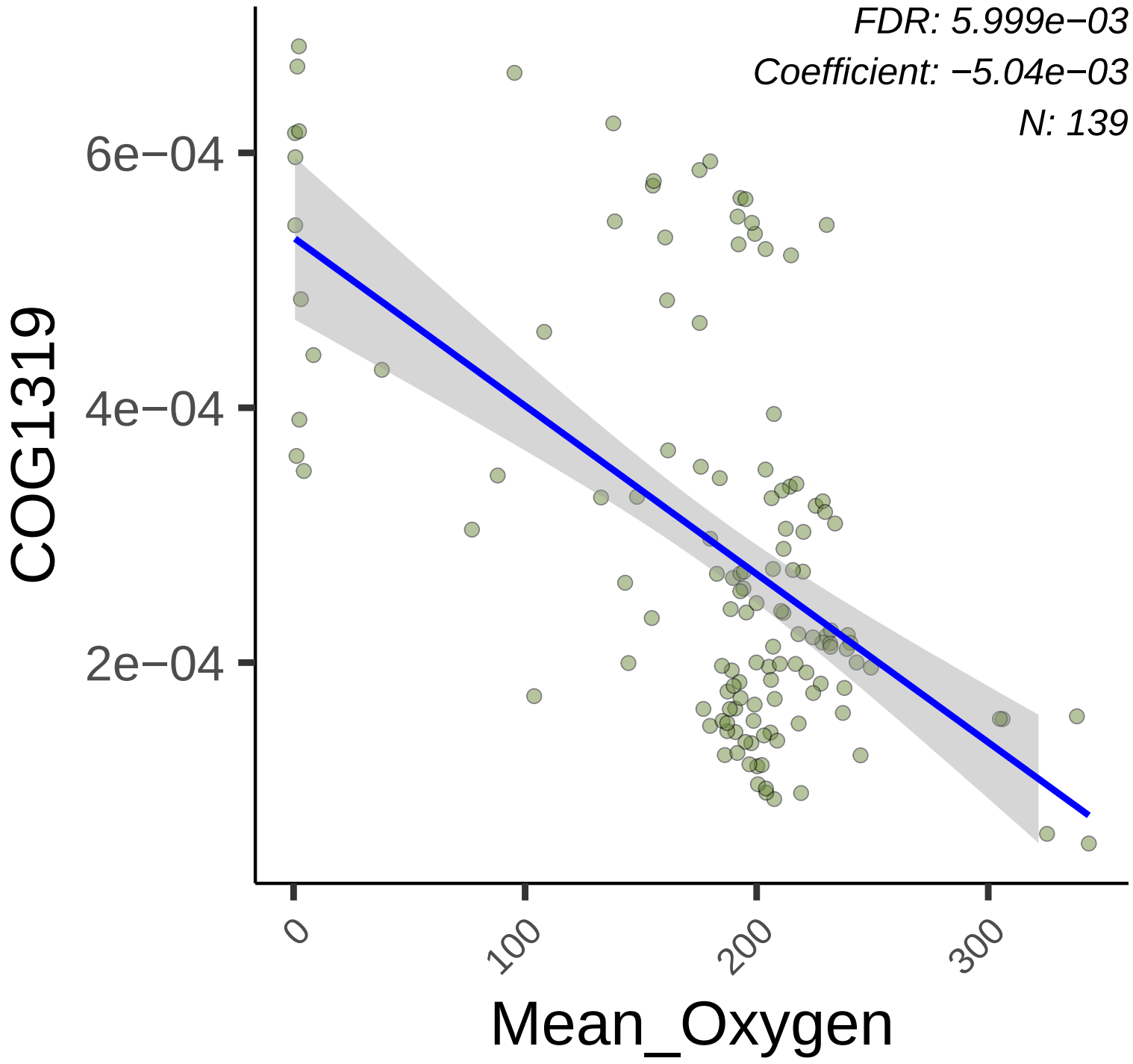
200
300
Mean_Oxygen


FDR: 5.999e−03
Coefficient: −5.04e−03
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COG1319
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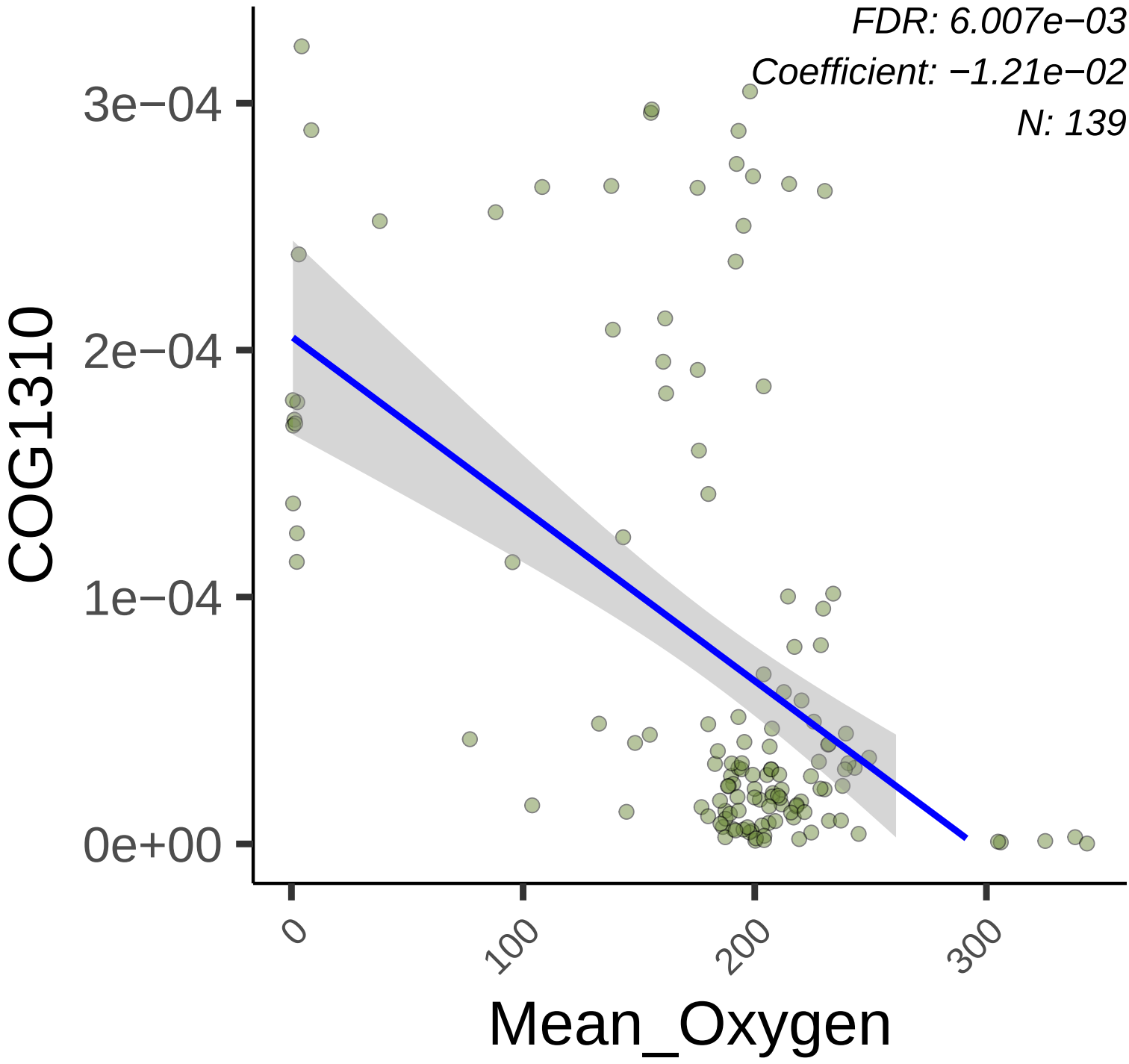
200
300
Mean_Oxygen


FDR: 6.007e−03
Coefficient: −1.21e−02
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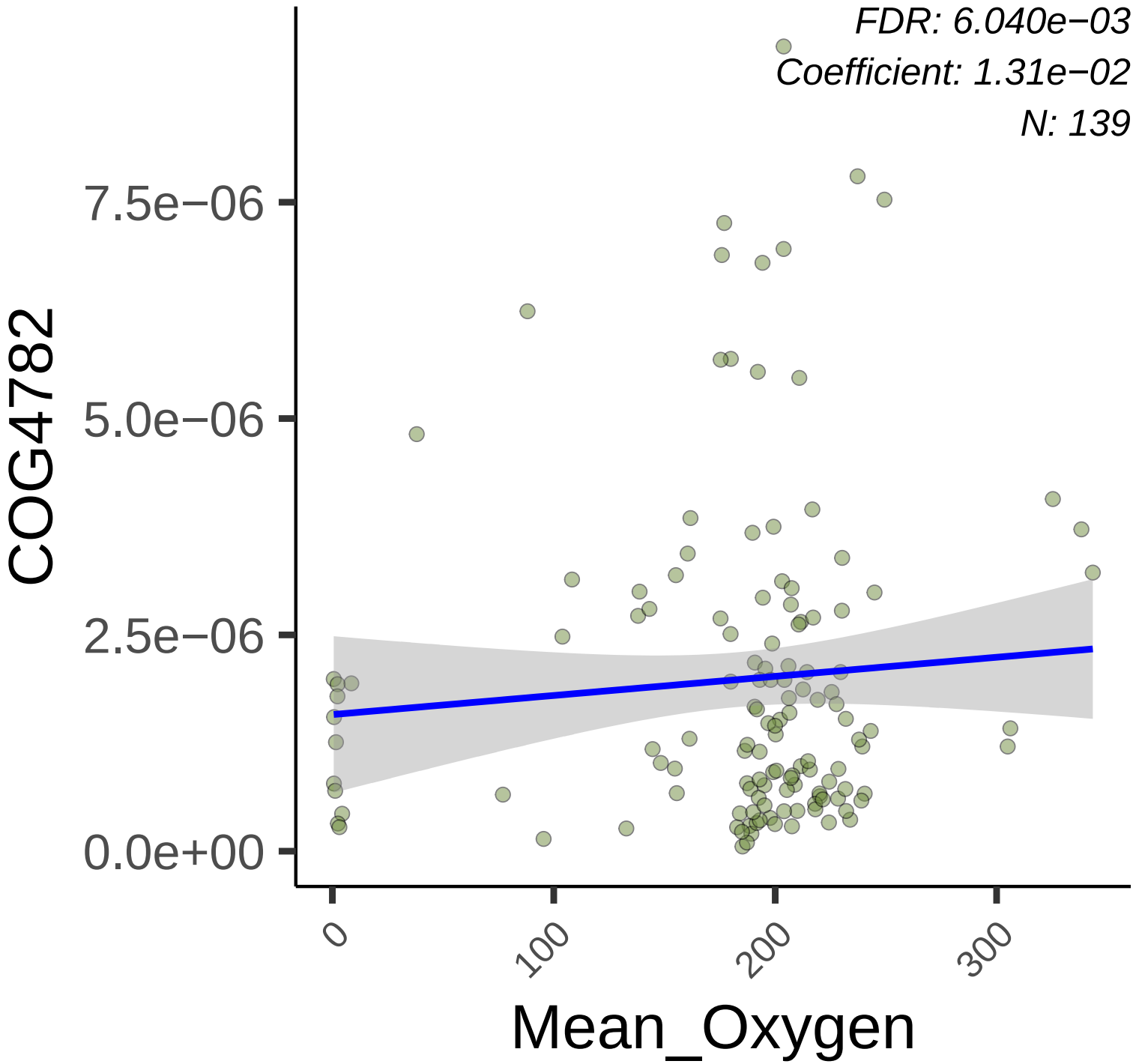
300
Mean_Oxygen


FDR: 6.040e−03
Coefficient: 1.31e−02
N: 139
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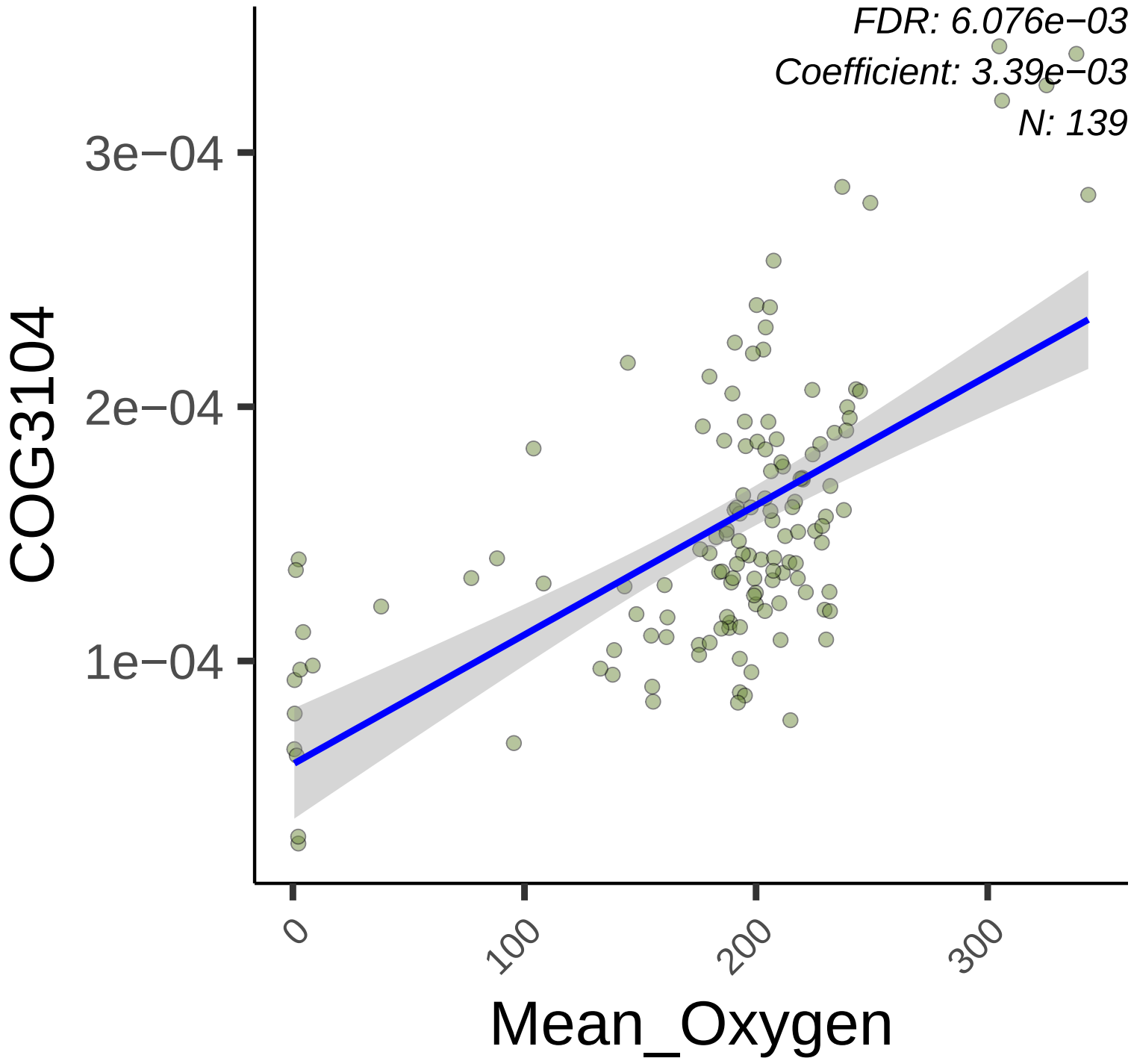
200
300
Mean_Oxygen


FDR: 6.076e−03
Coefficient: 3.39e−03
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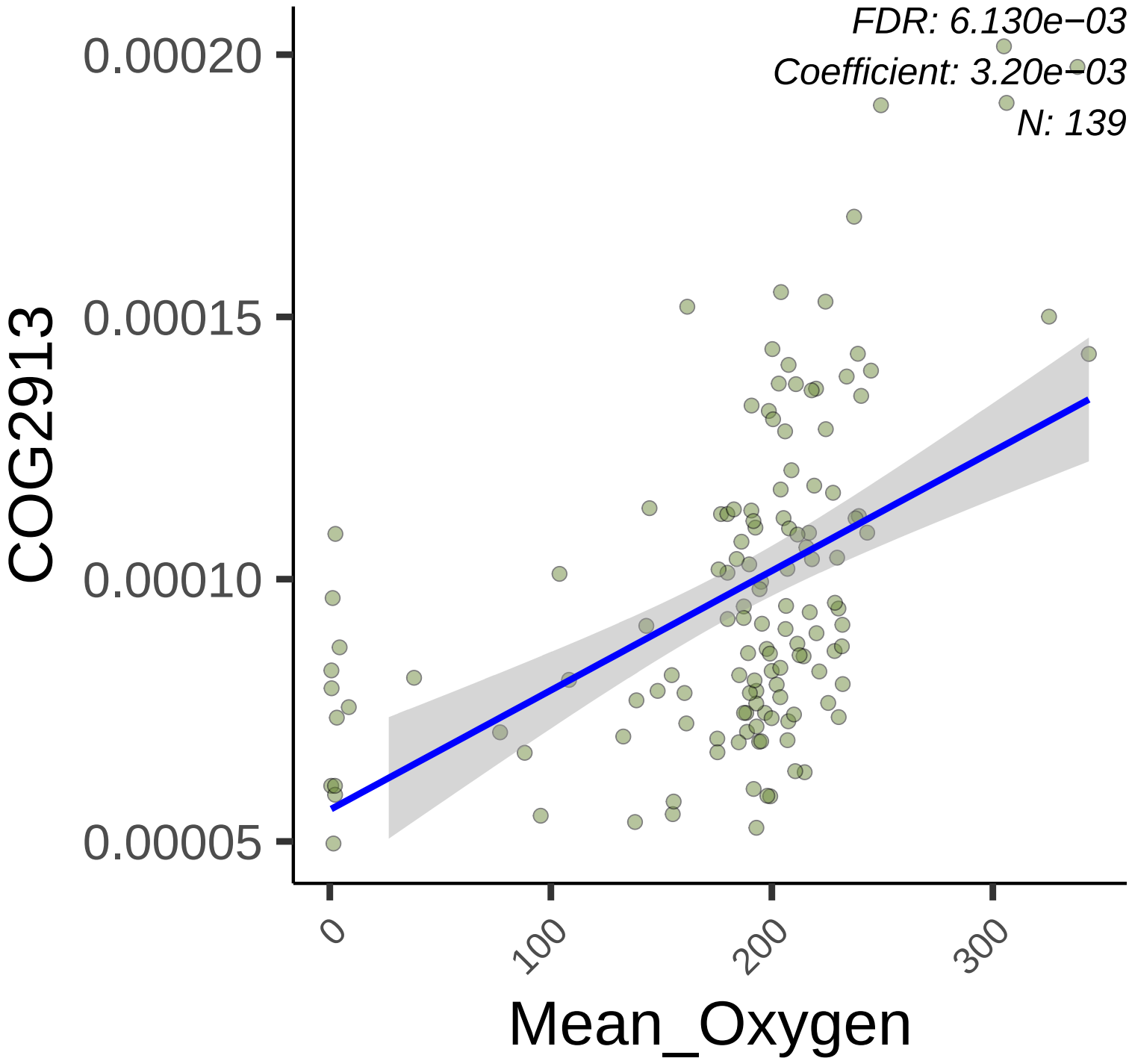
200
300
Mean_Oxygen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Coefficient: 3.20e−03
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COG2913
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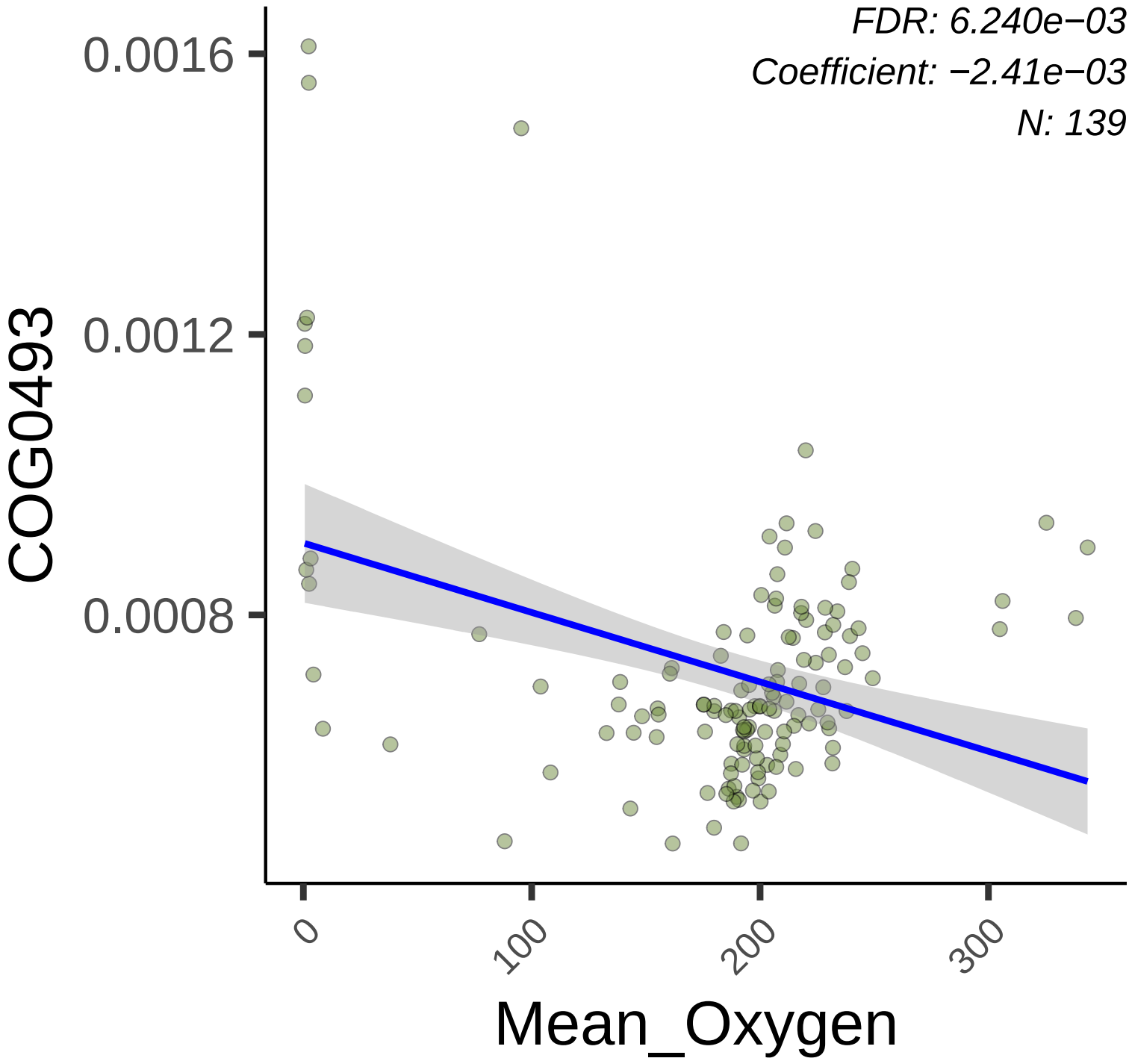
200
300
Mean_Oxygen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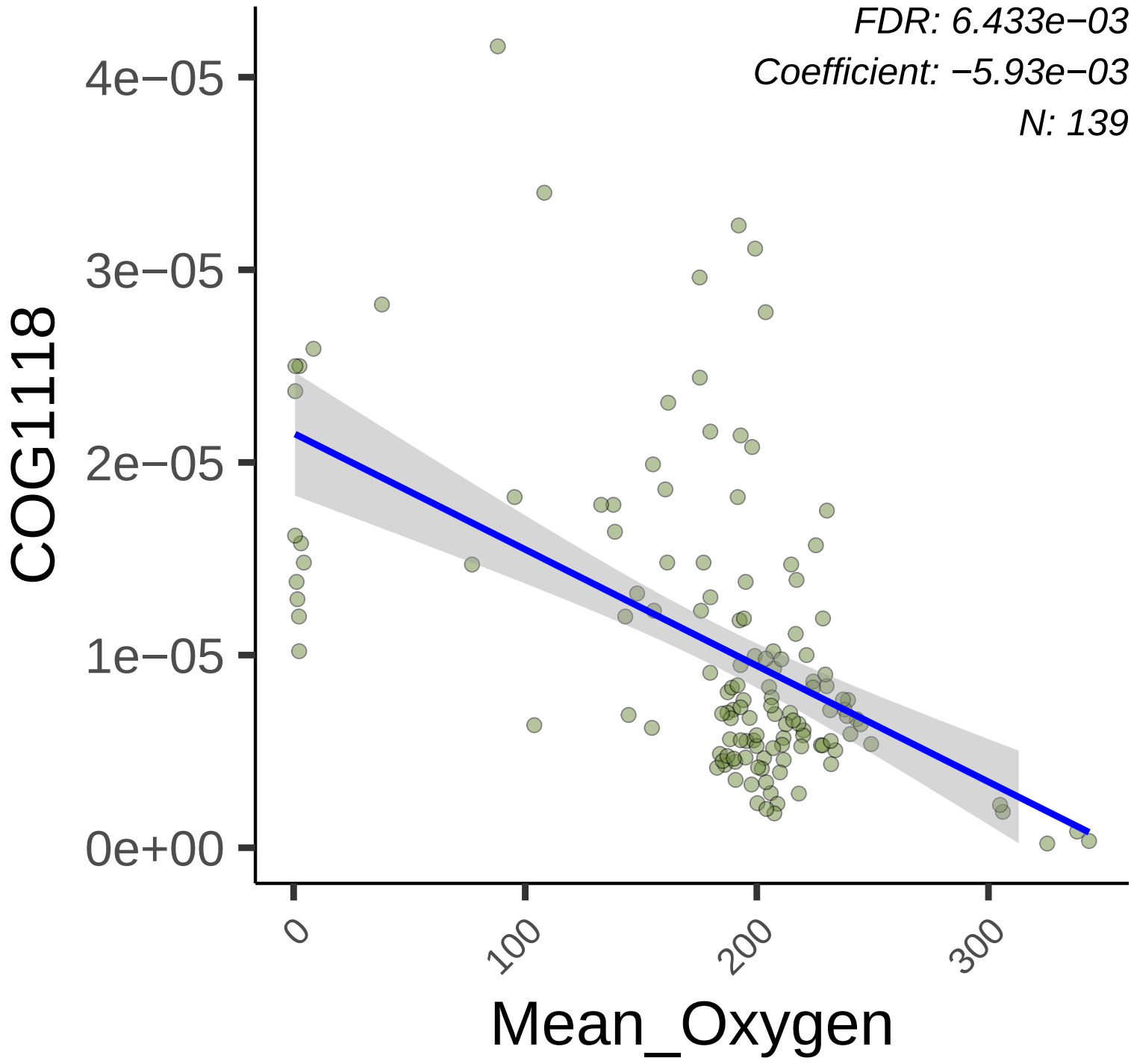
Mean_Oxygen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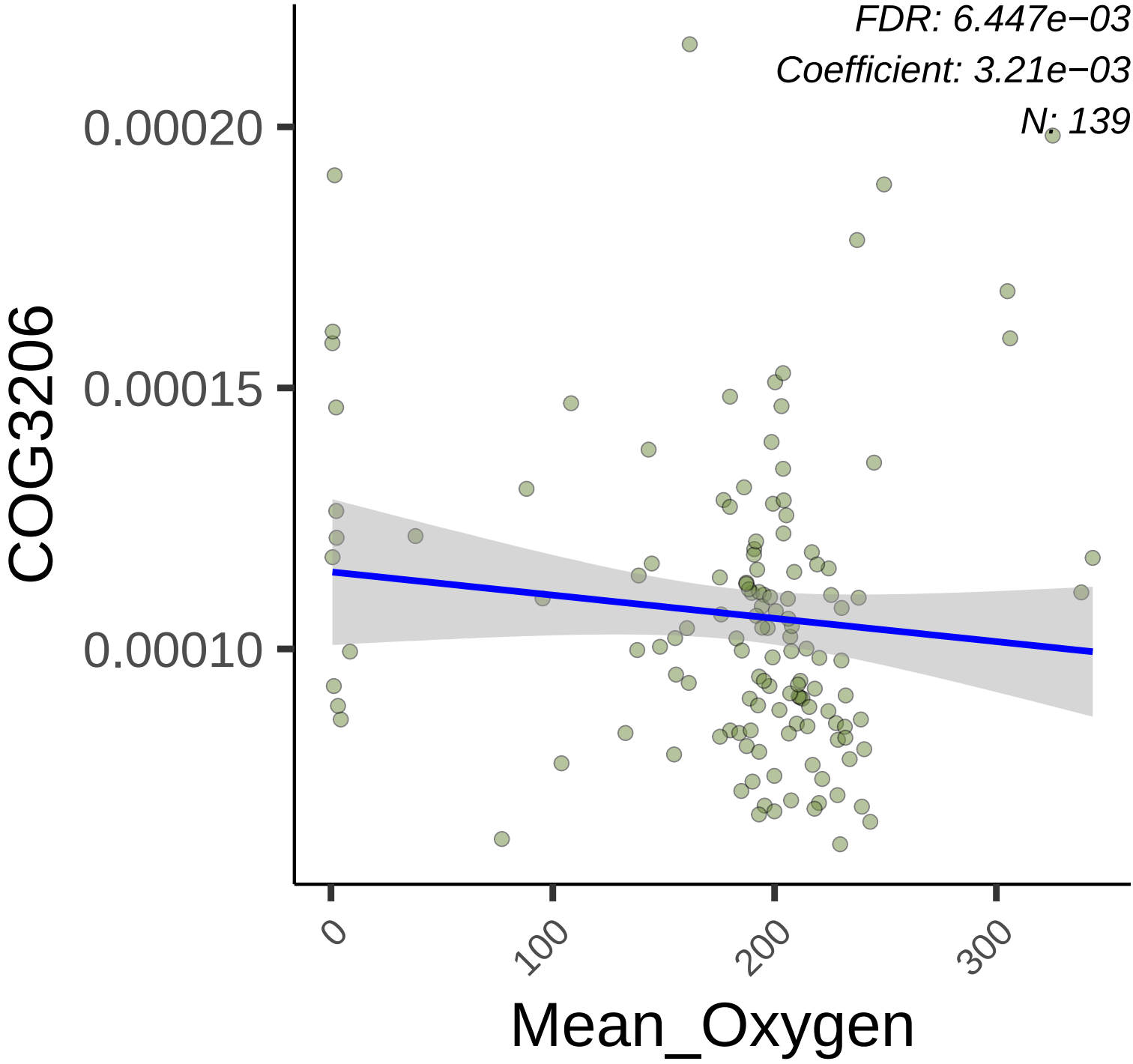
Mean_Oxygen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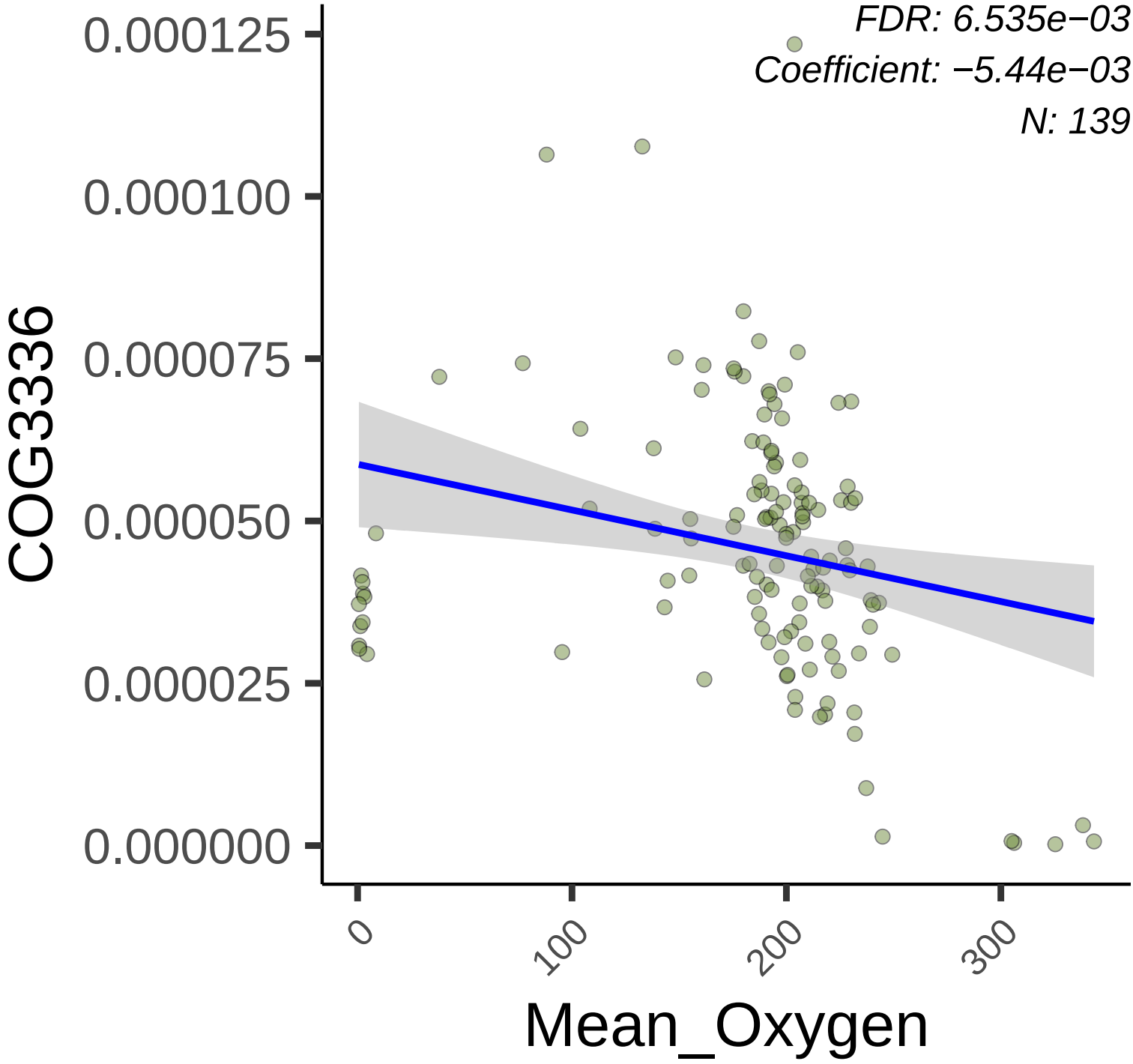
Mean_Oxygen


FDR: 6.535e−03
Coefficient: −5.44e−03
N: 139
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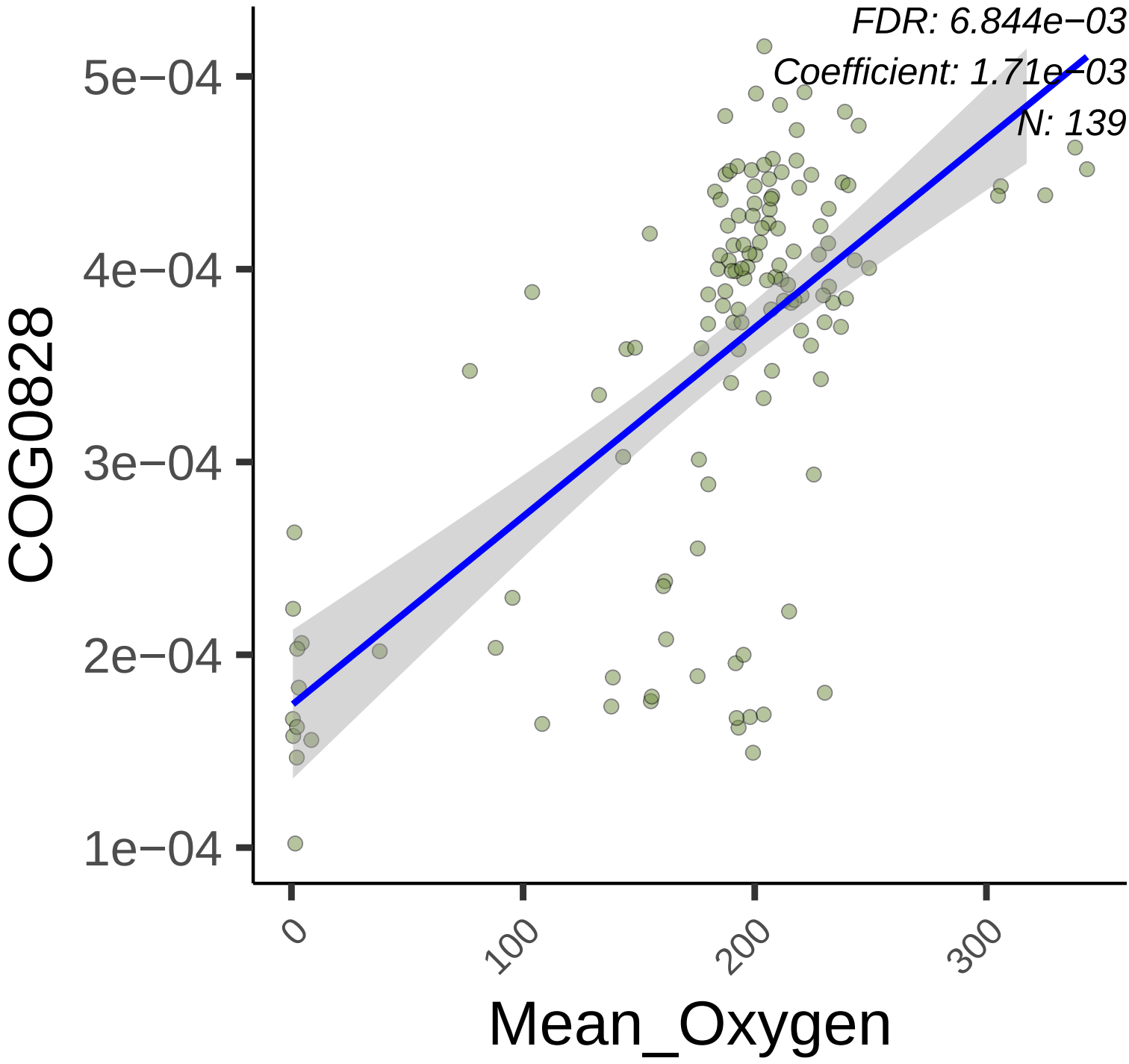
200
300
Mean_Oxygen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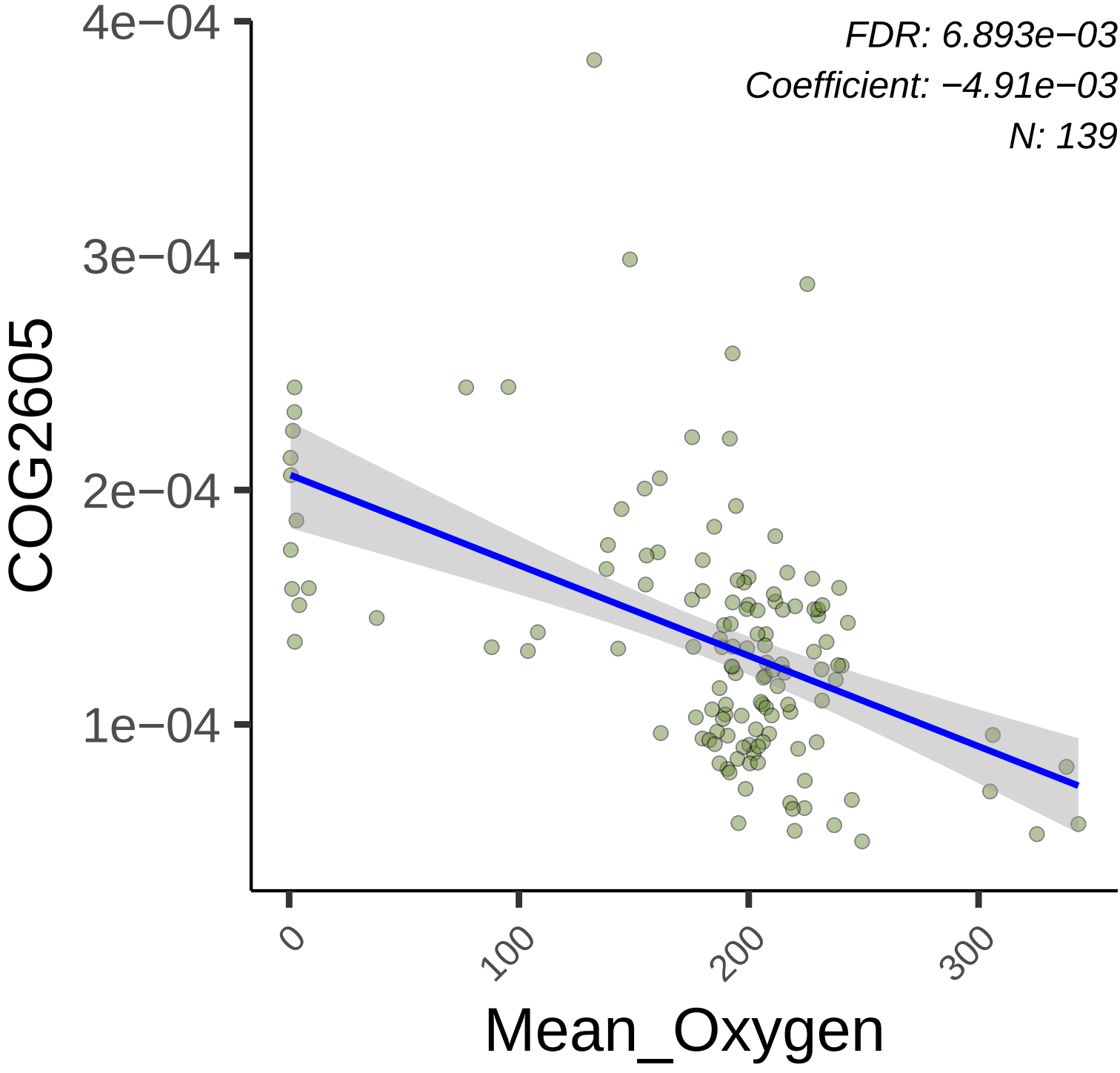
Mean_Oxygen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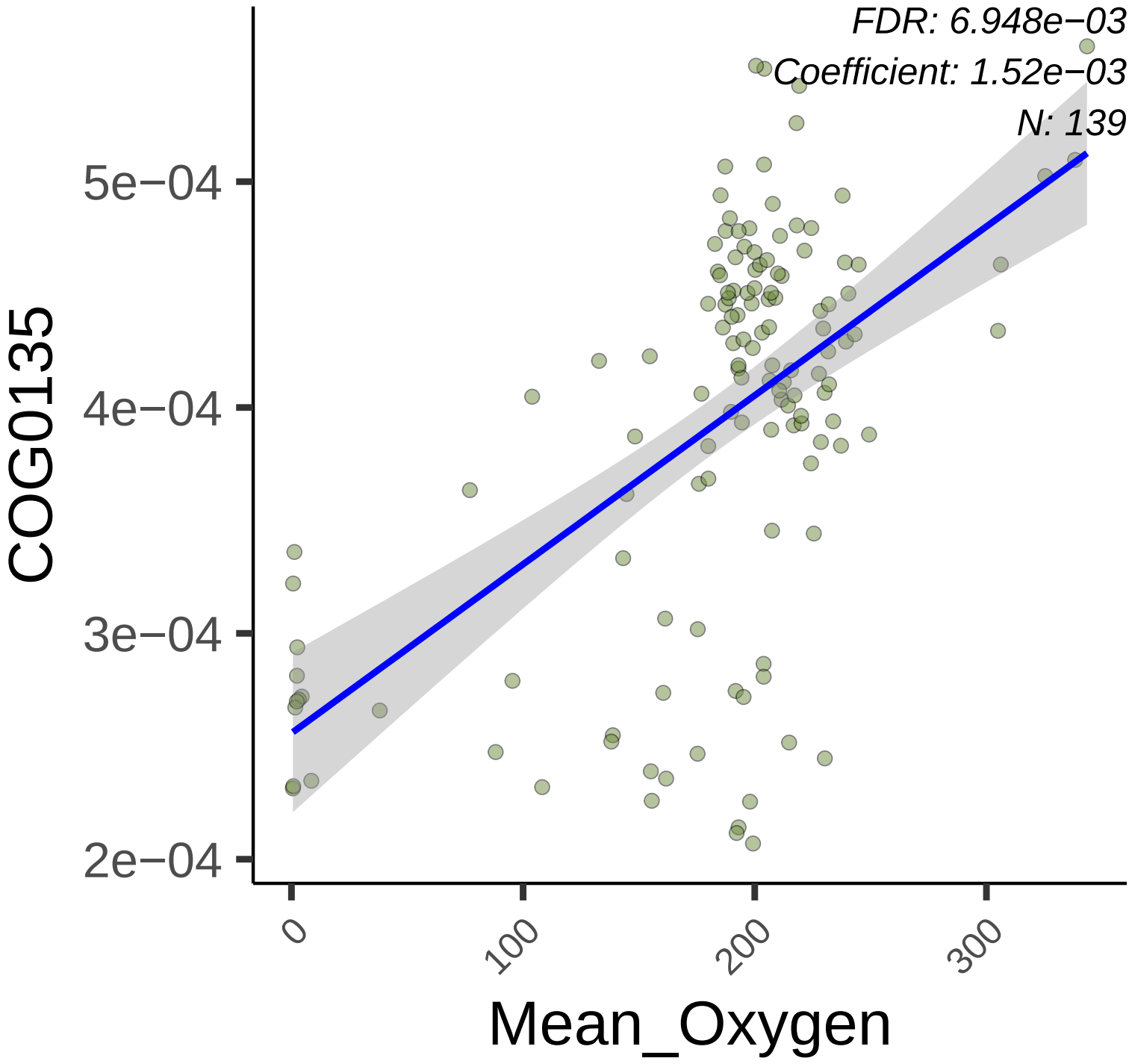
Mean_Oxygen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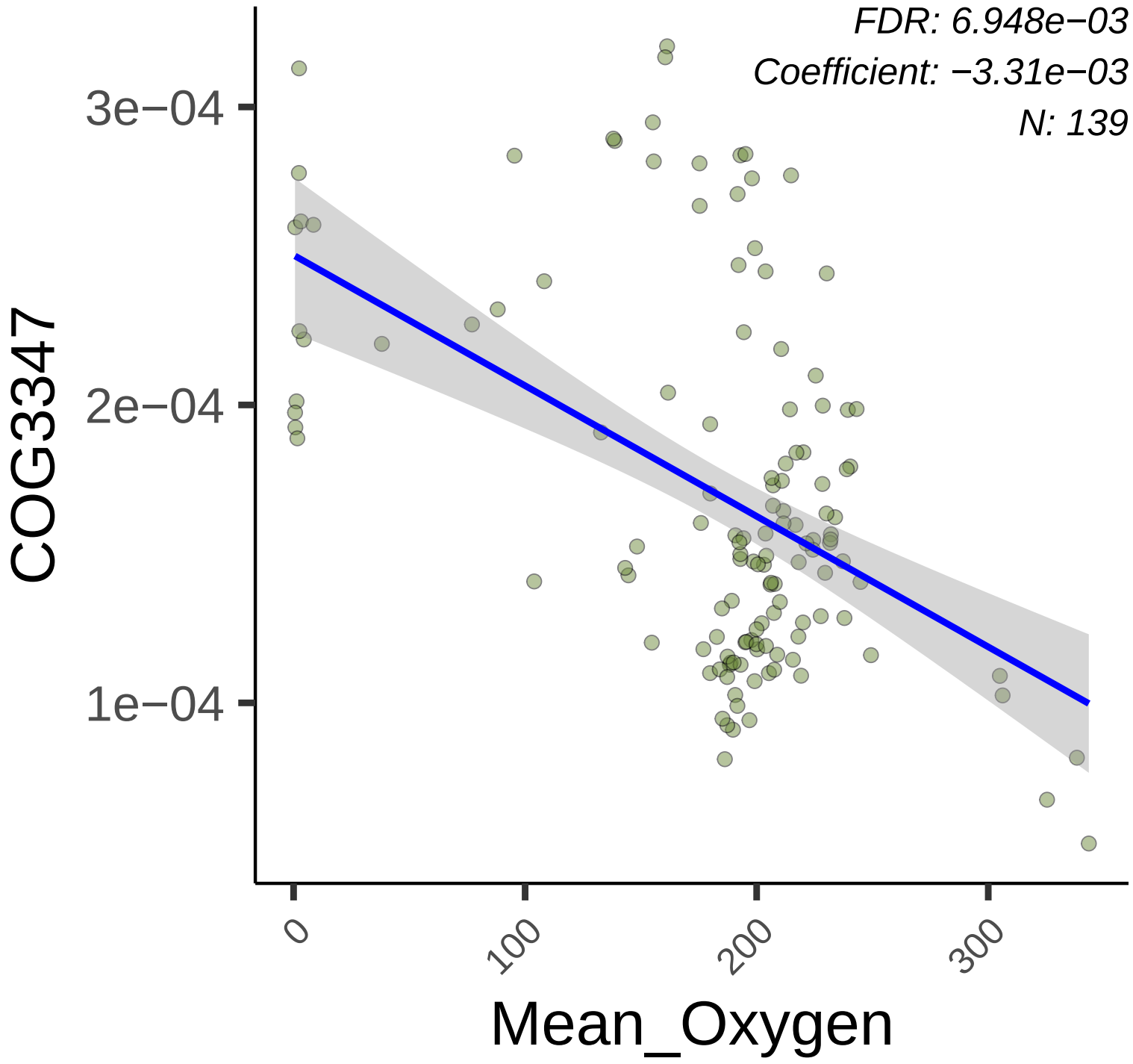
Mean_Oxygen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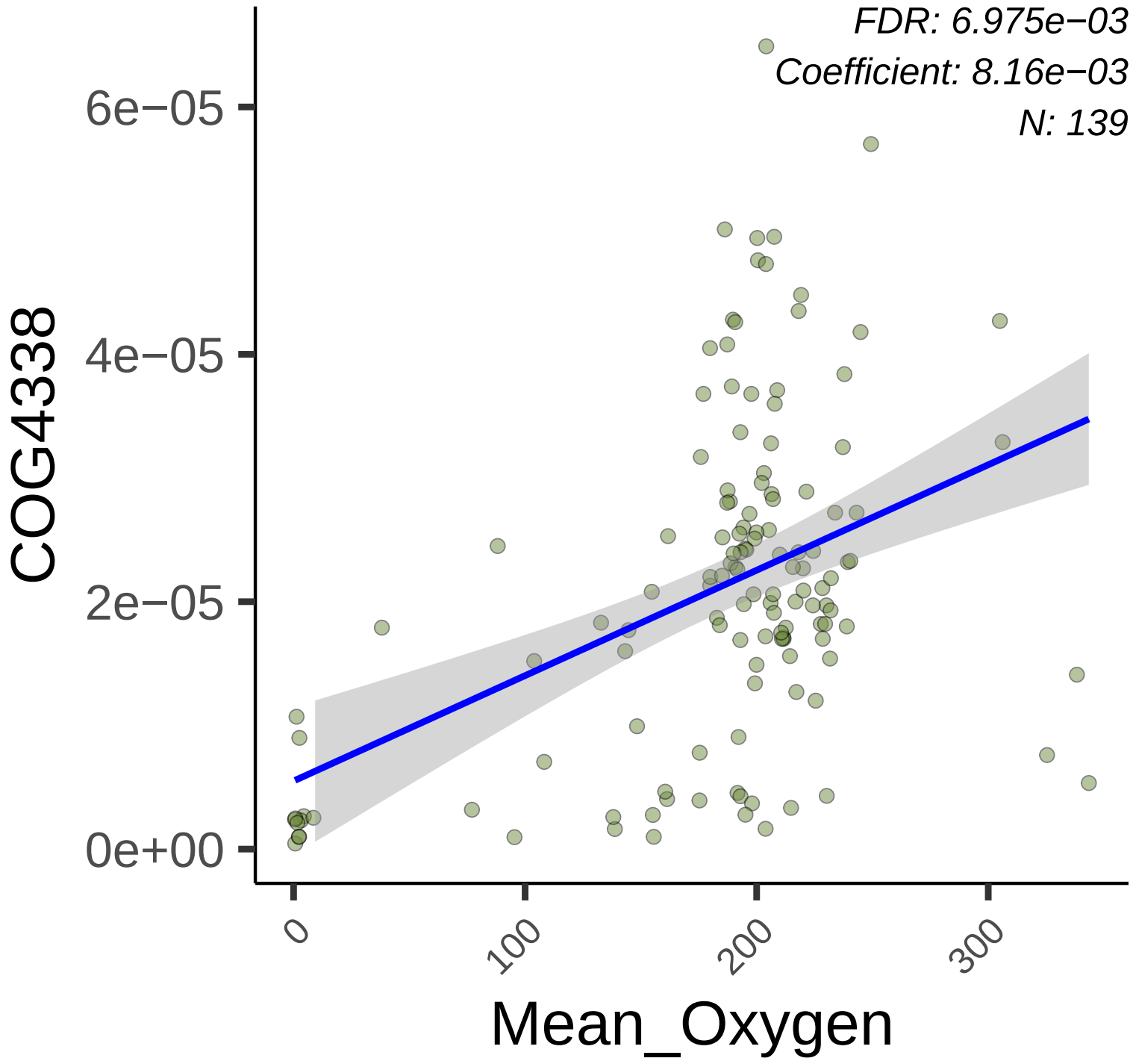
Mean_Oxygen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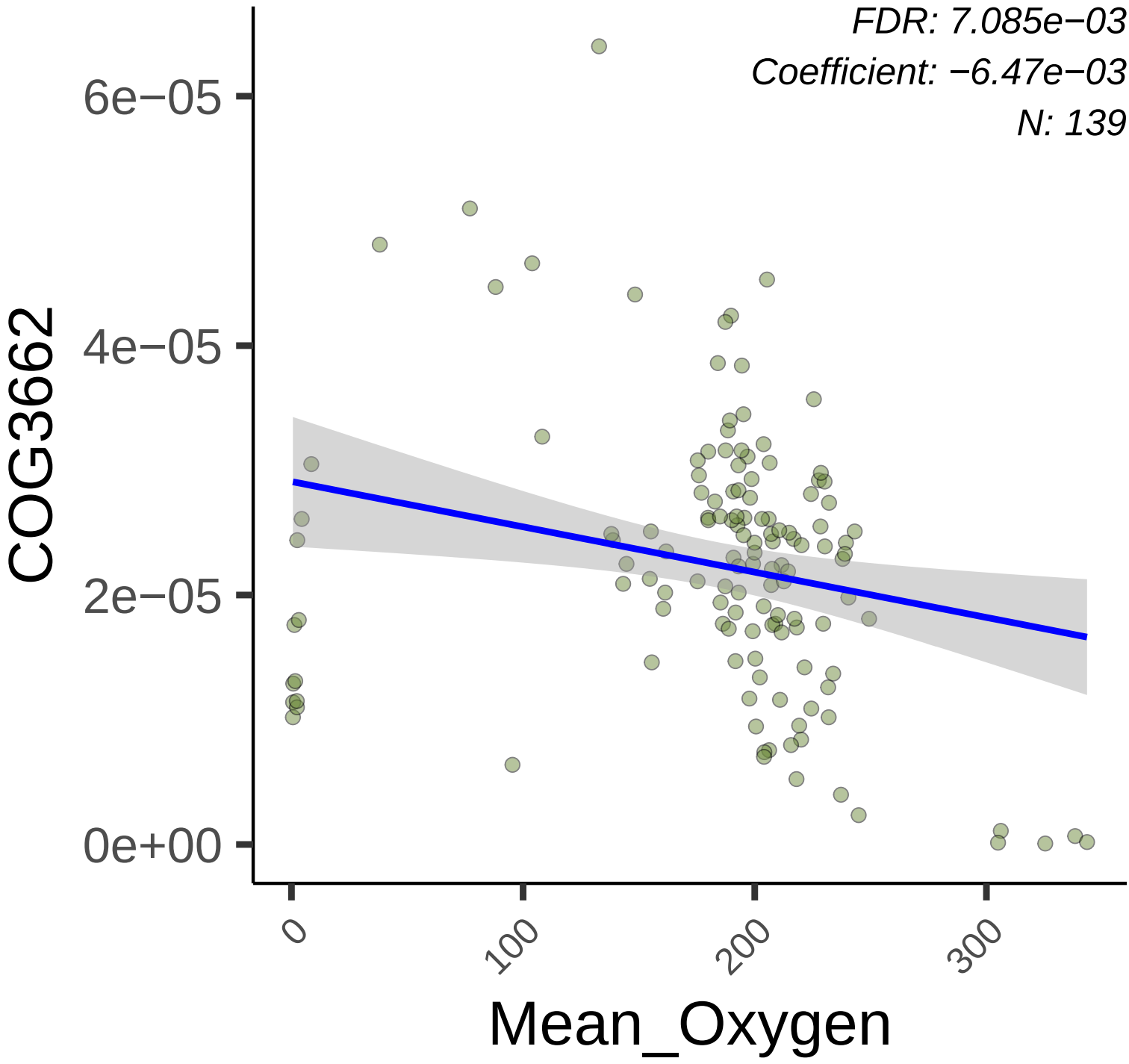
Mean_Oxygen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Coefficient: −6.47e−03
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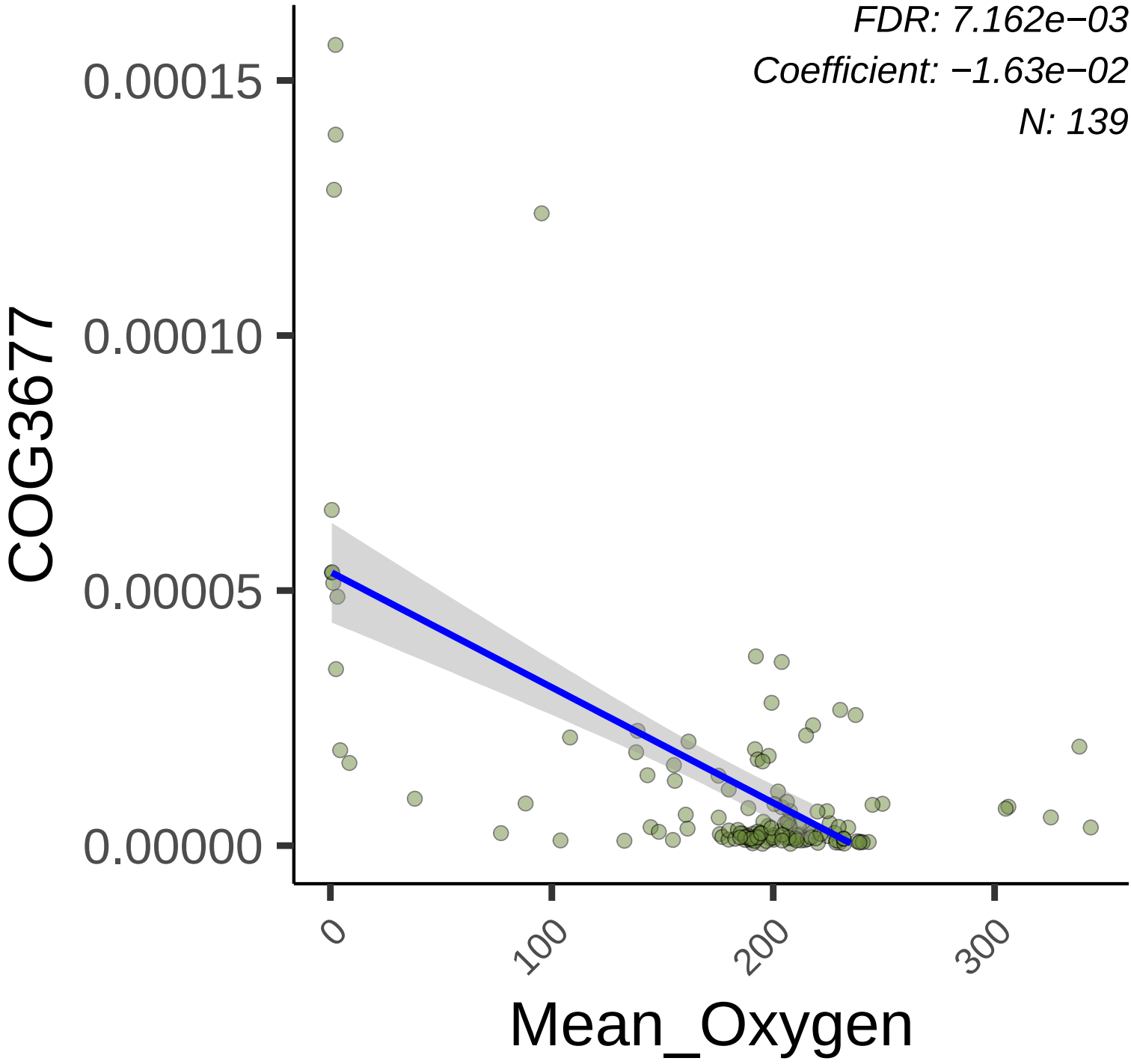
300
Mean_Oxygen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Coefficient: −1.63e−02
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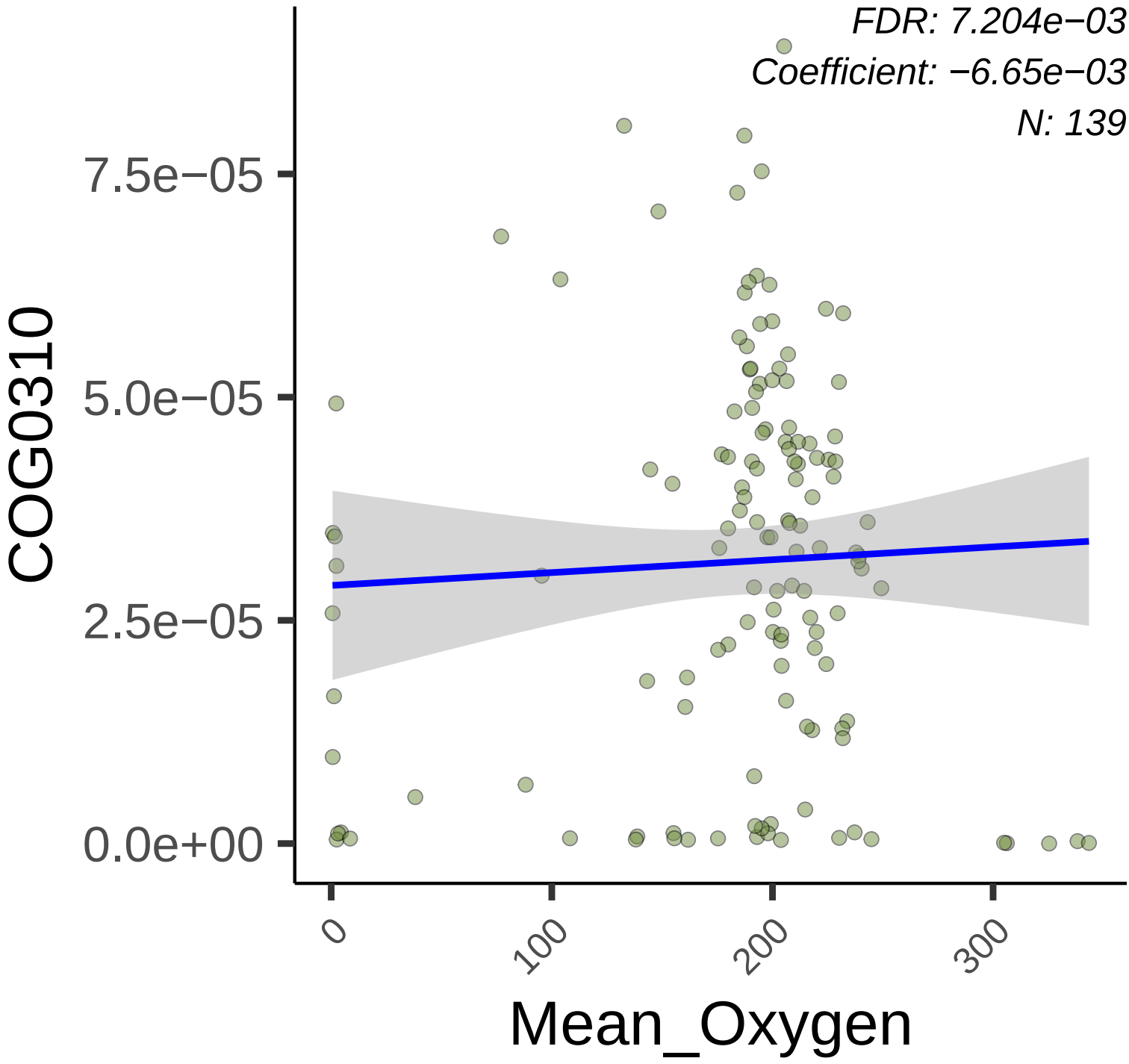
Mean_Oxygen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Coefficient: −6.65e−03
N: 139
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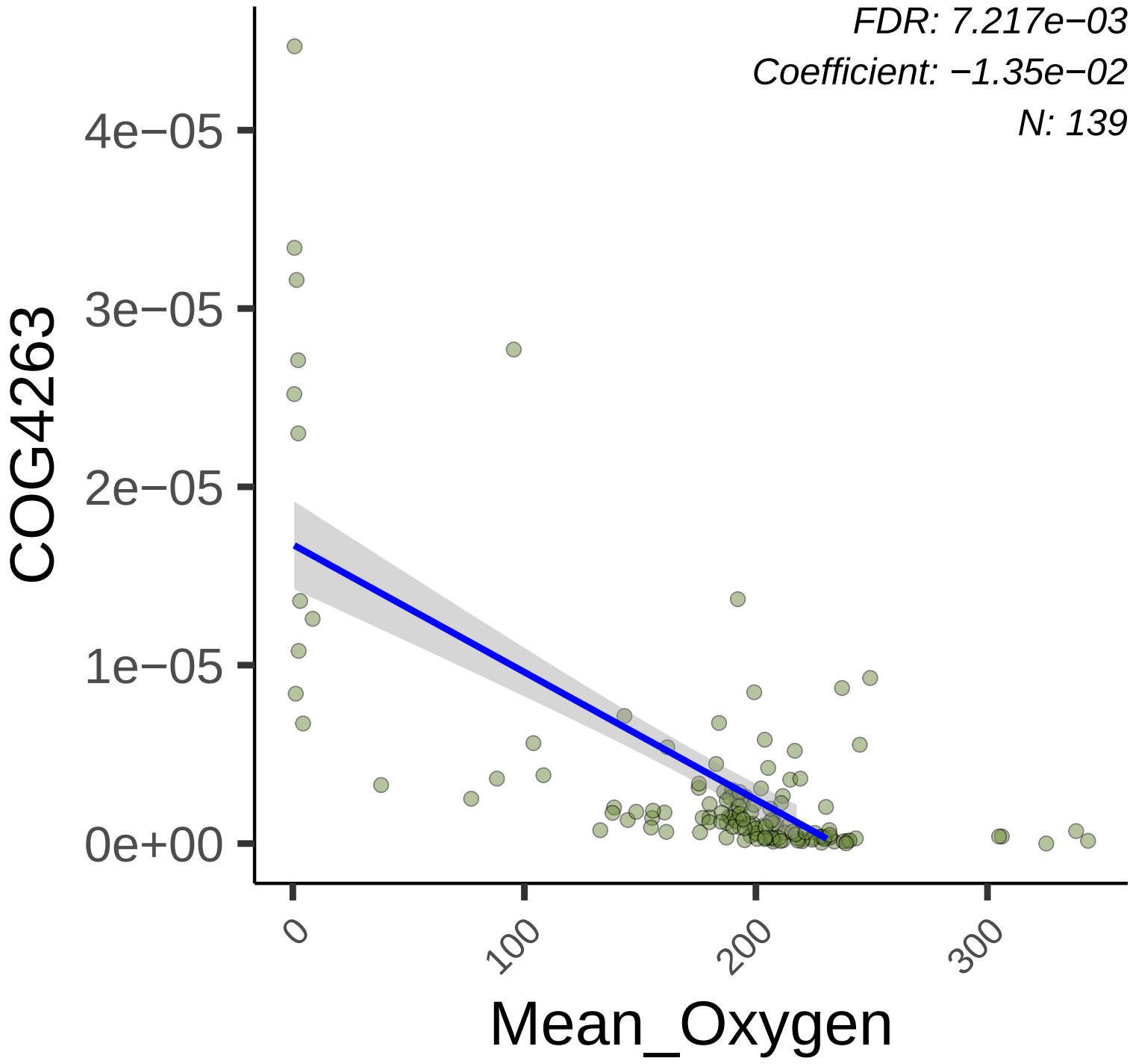
200
300
Mean_Oxygen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Coefficient: −1.35e−02
N: 139
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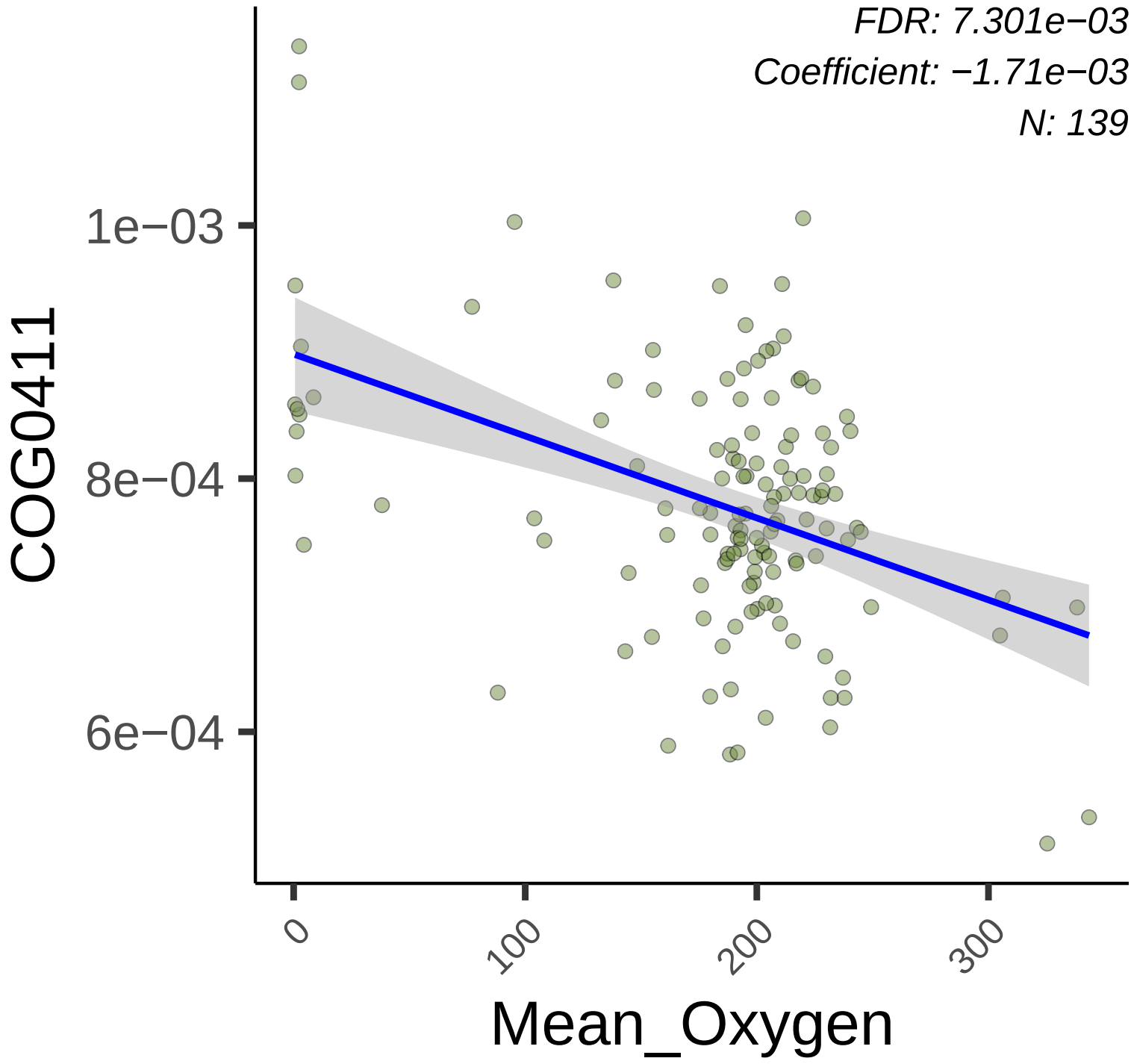
200
300
Mean_Oxygen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Coefficient: −1.71e−03
N: 139
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COG0411
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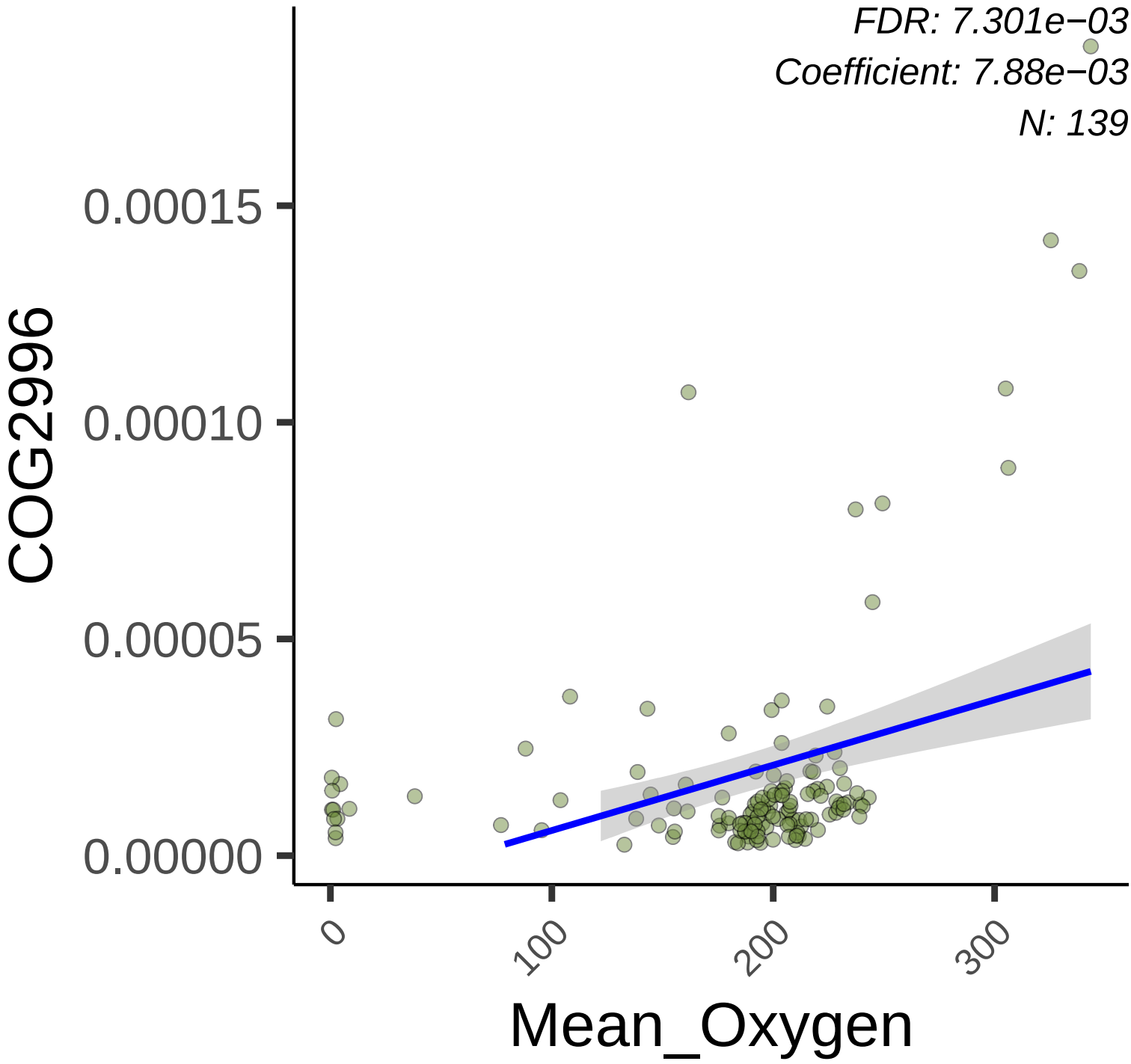
Mean_Oxygen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Coefficient: 7.88e−03
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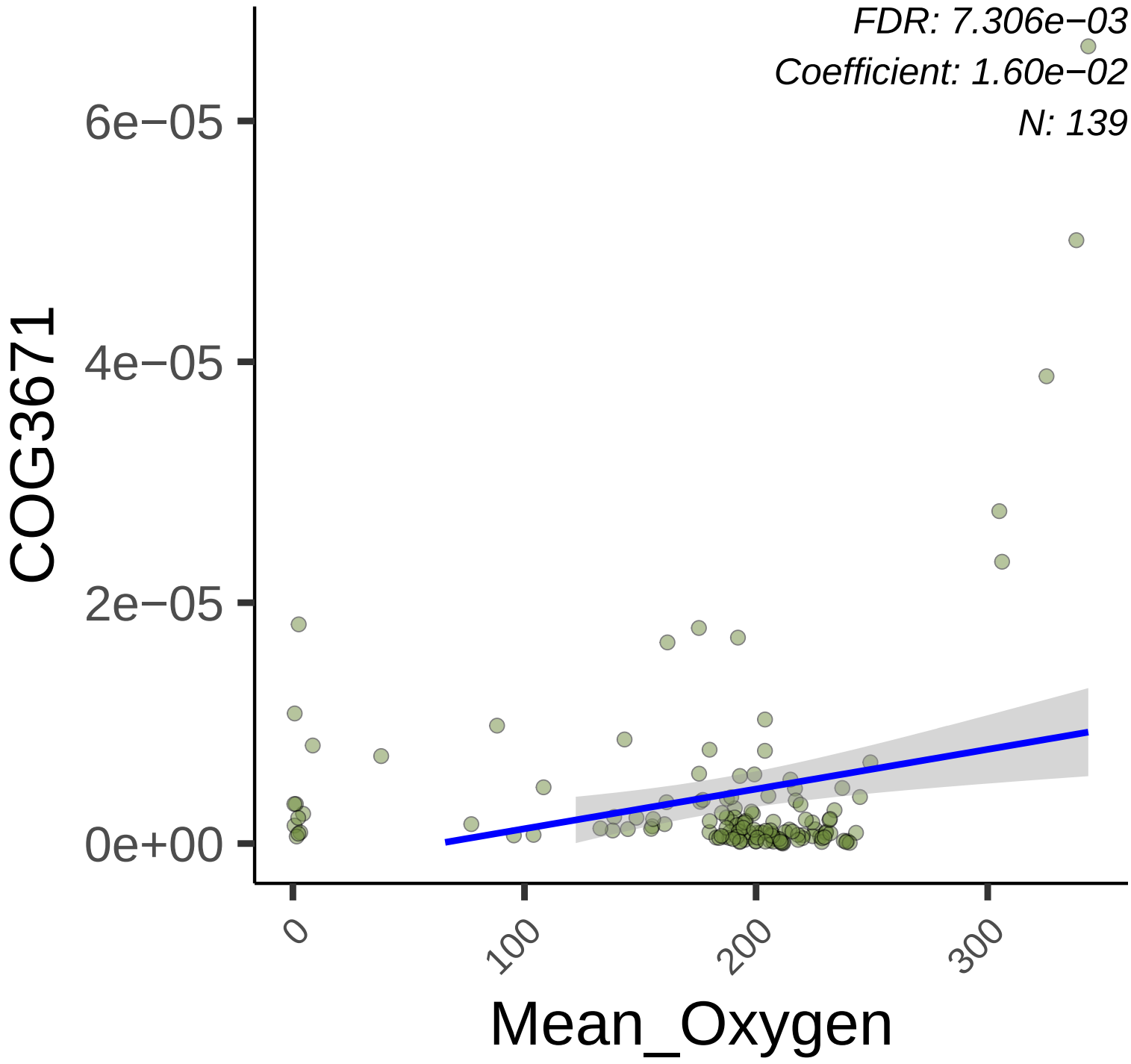
200
300
Mean_Oxygen


FDR: 7.306e−03
Coefficient: 1.60e−02
N: 139
COG3671
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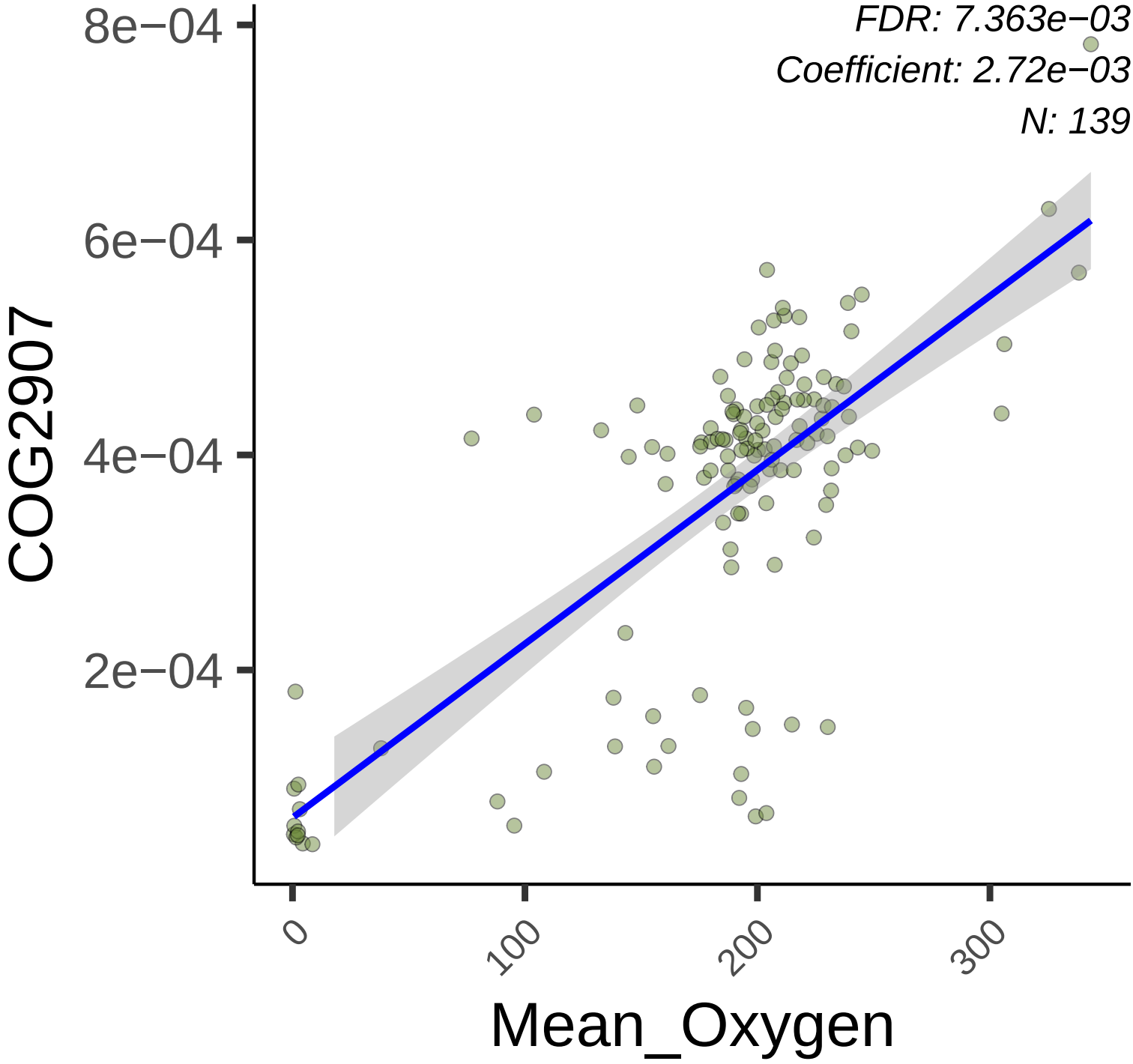
Mean_Oxygen


FDR: 7.363e−03
Coefficient: 2.72e−03
N: 139
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COG2907
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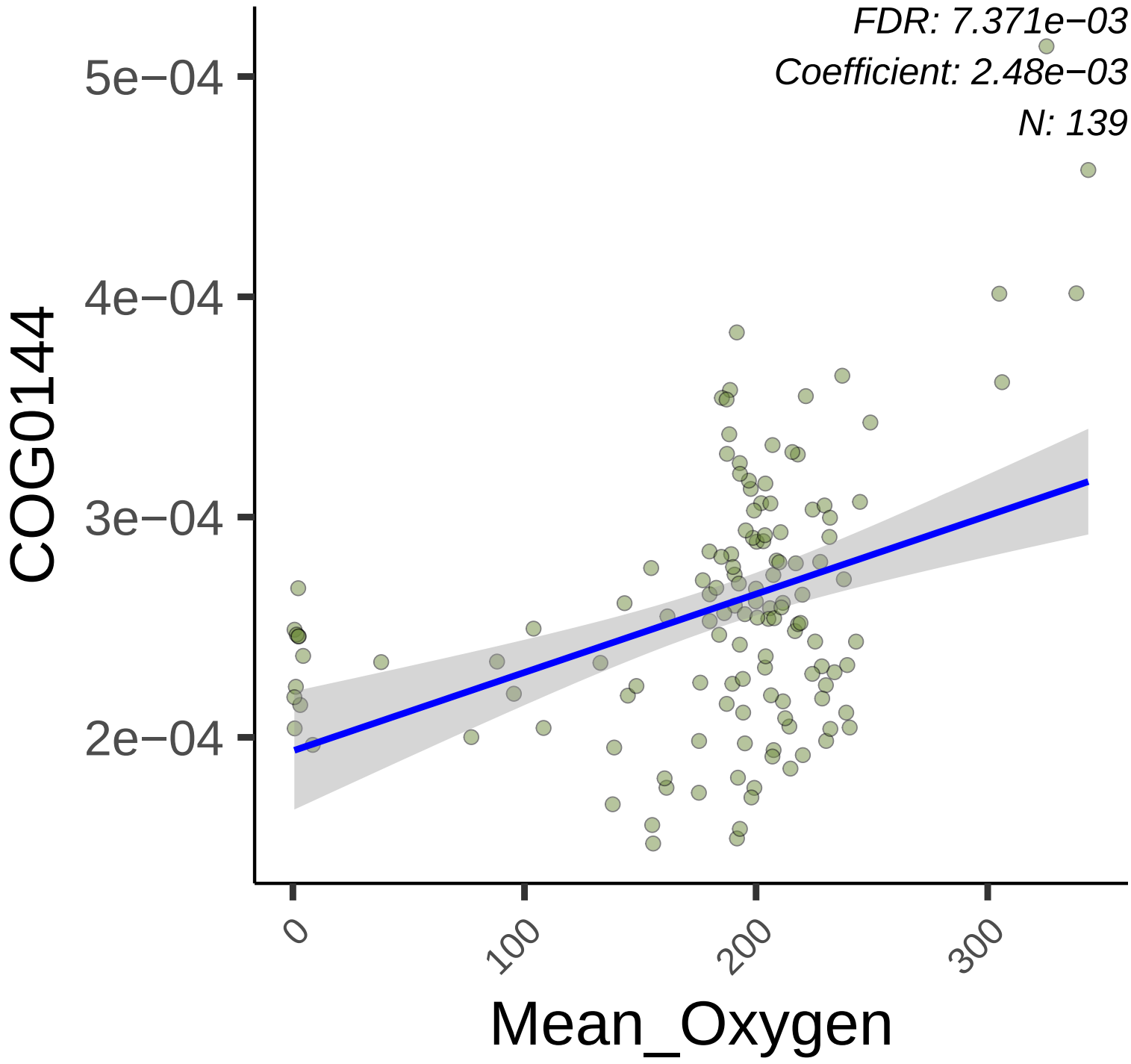
Mean_Oxygen


FDR: 7.371e−03
Coefficient: 2.48e−03
N: 139
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COG0144
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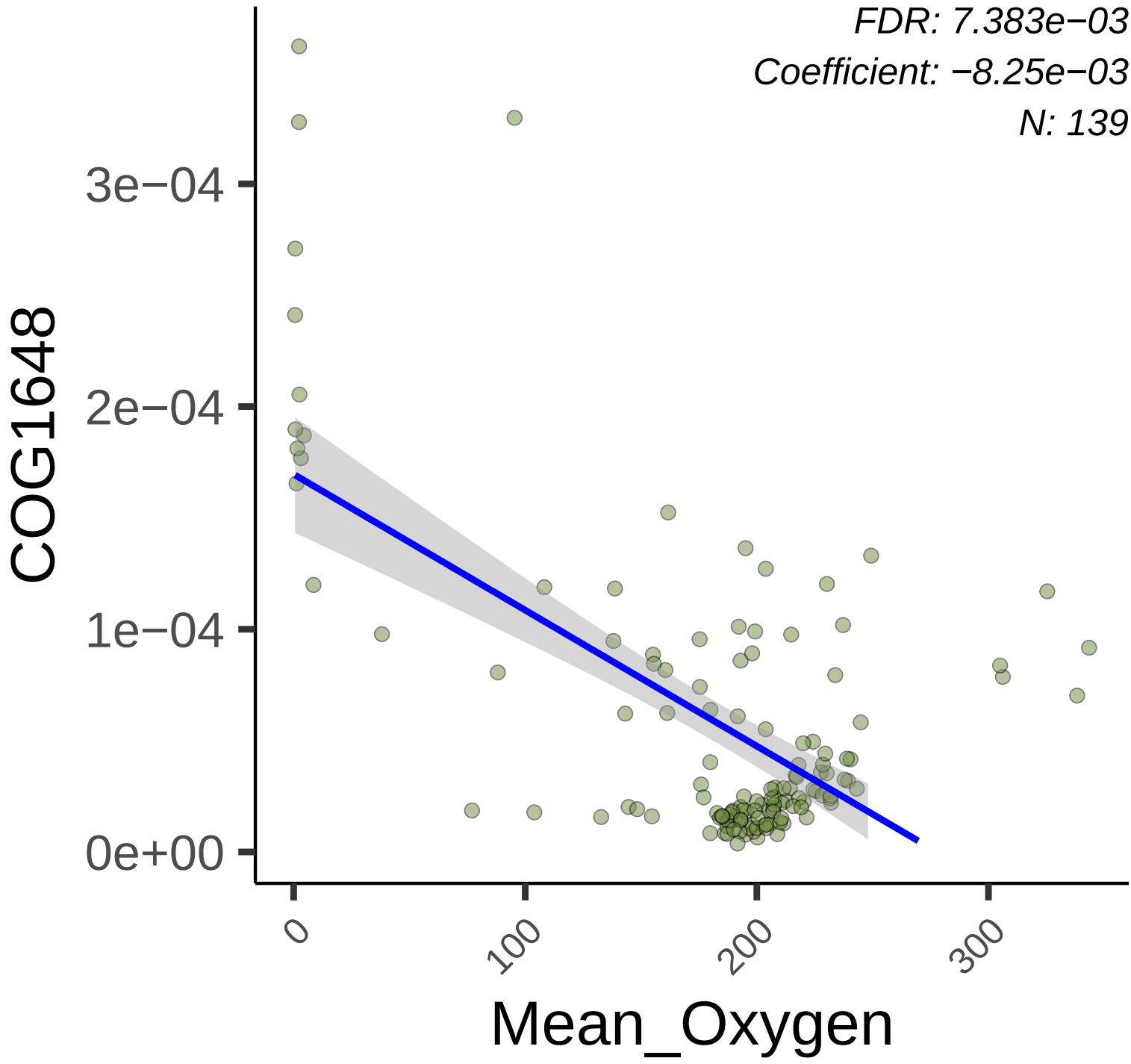
300
Mean_Oxygen


FDR: 7.383e−03
Coefficient: −8.25e−03
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COG1648
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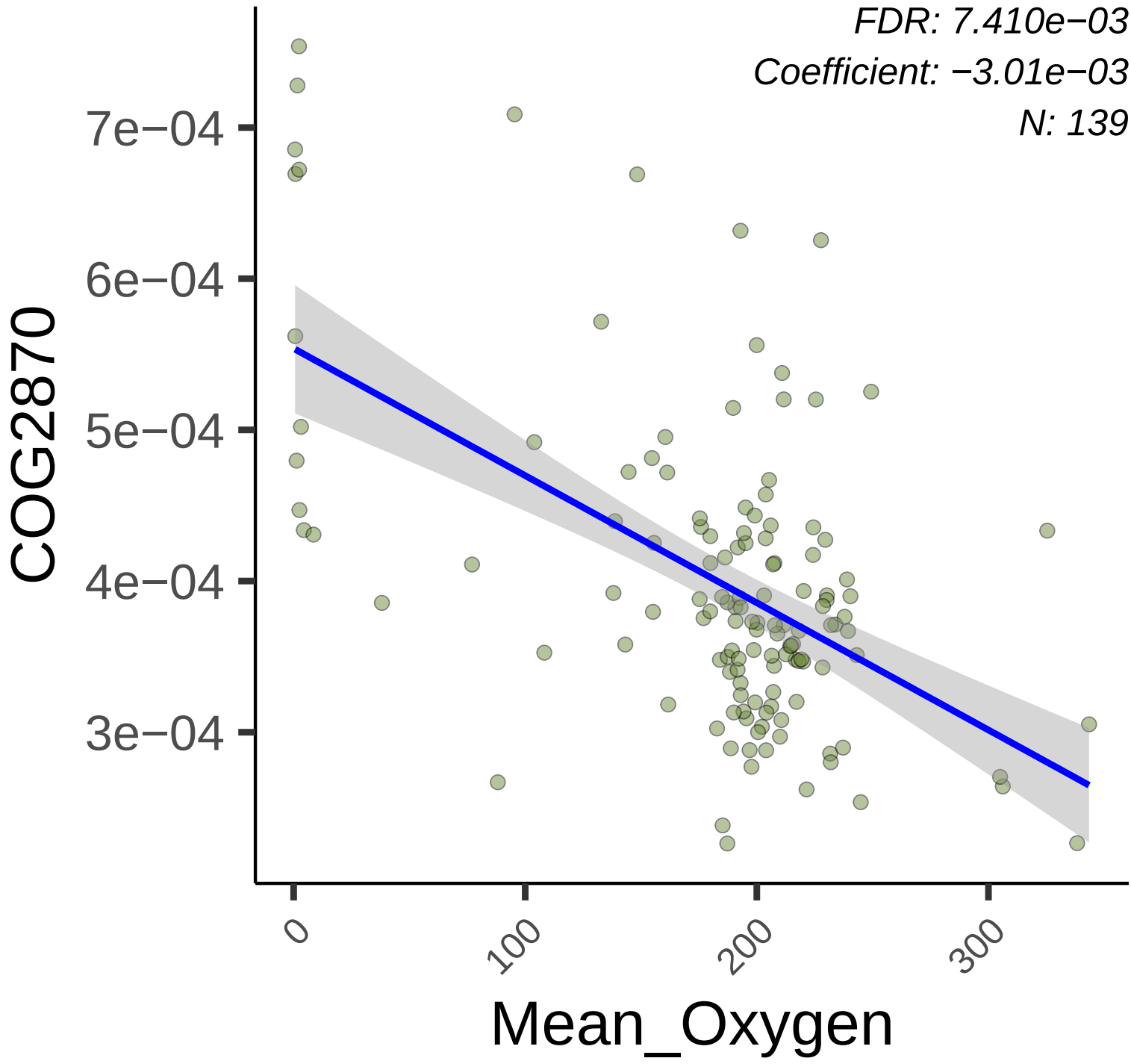
300
Mean_Oxygen


FDR: 7.410e−03
Coefficient: −3.01e−03
N: 139
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6e−04
5e−04
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COG2870
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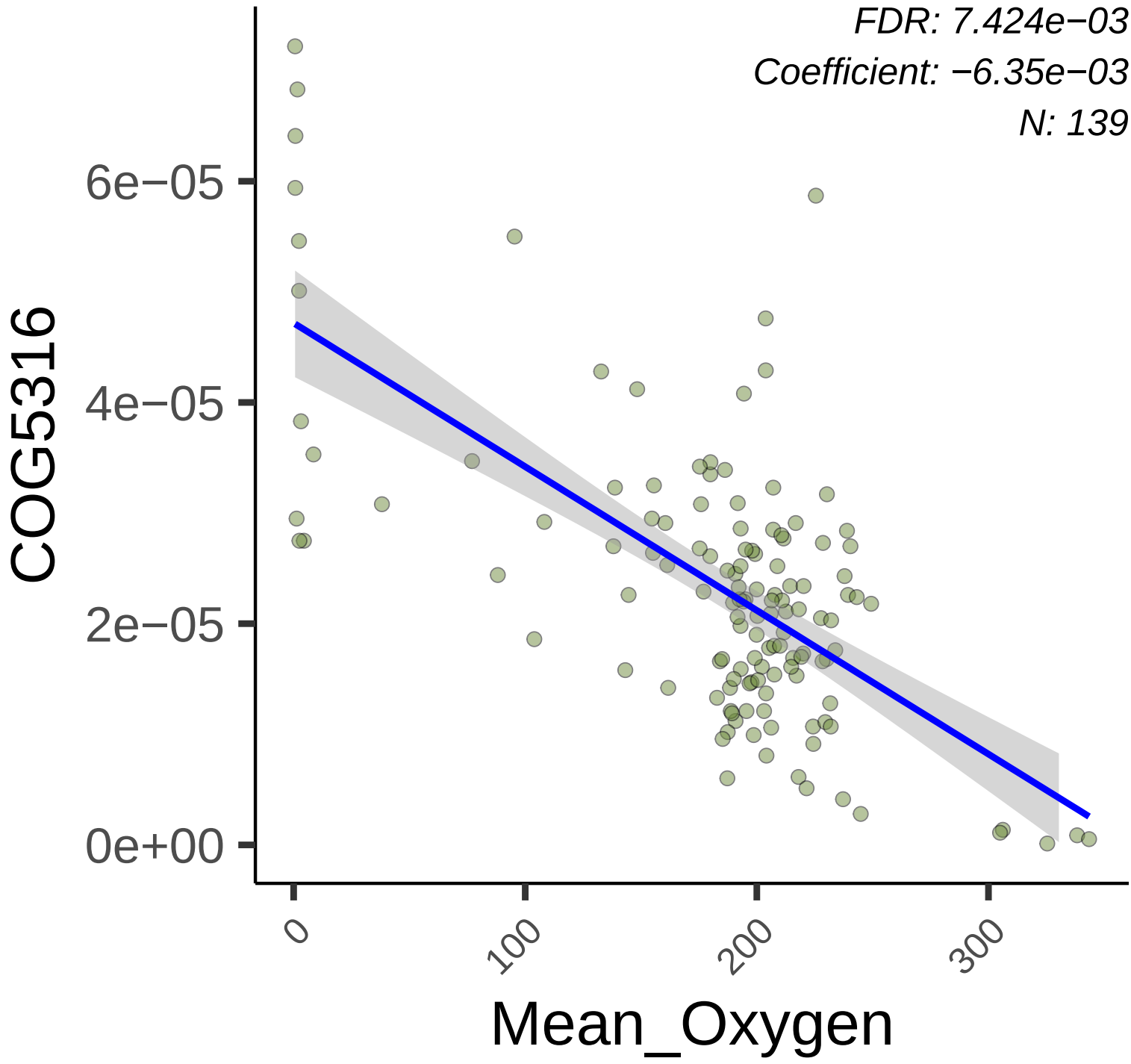
Mean_Oxygen


FDR: 7.424e−03
Coefficient: −6.35e−03
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COG5316
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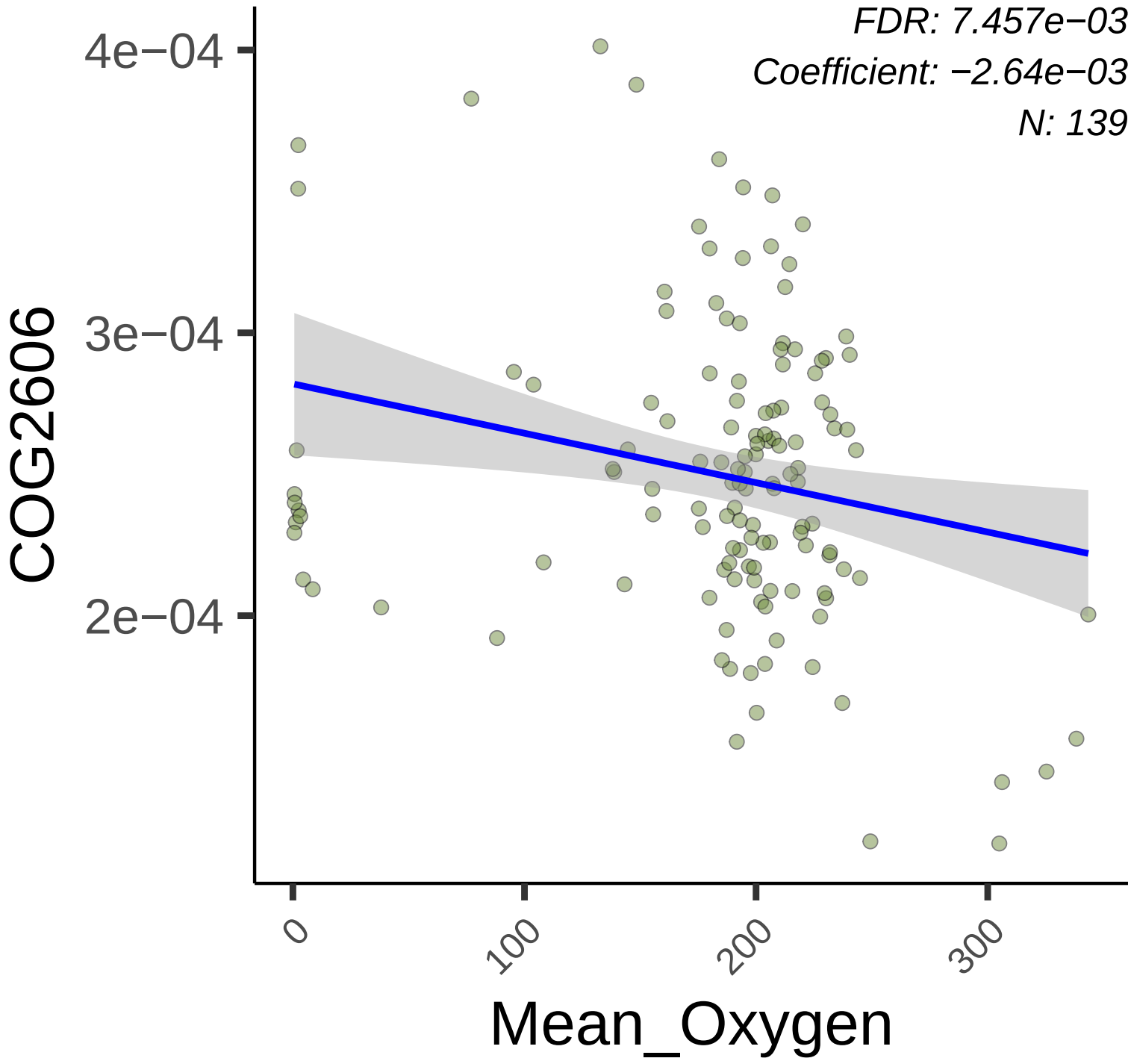
300
Mean_Oxygen


FDR: 7.457e−03
Coefficient: −2.64e−03
N: 139
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3e−04
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COG2606
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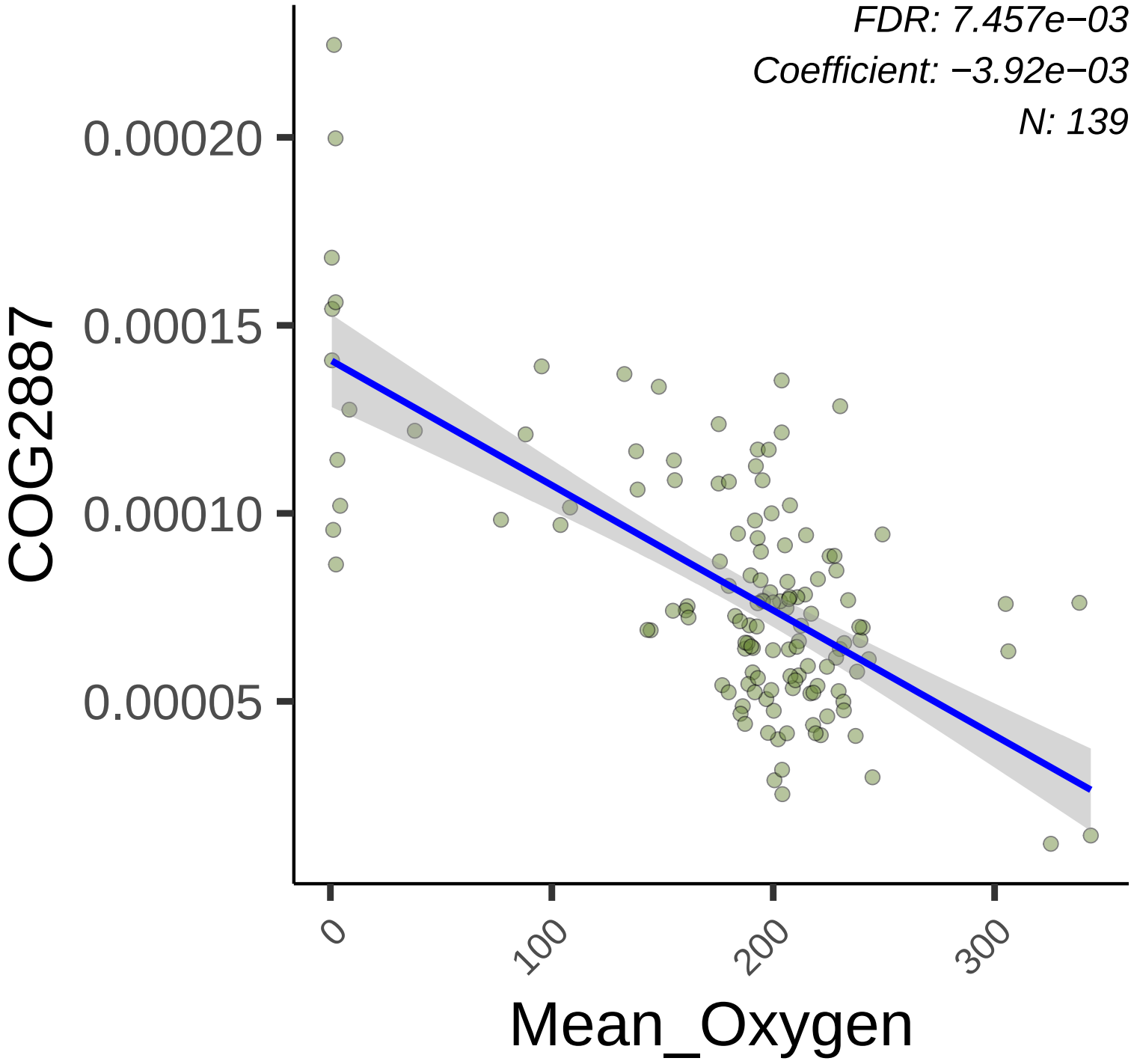
300
Mean_Oxygen


FDR: 7.457e−03
Coefficient: −3.92e−03
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COG2887
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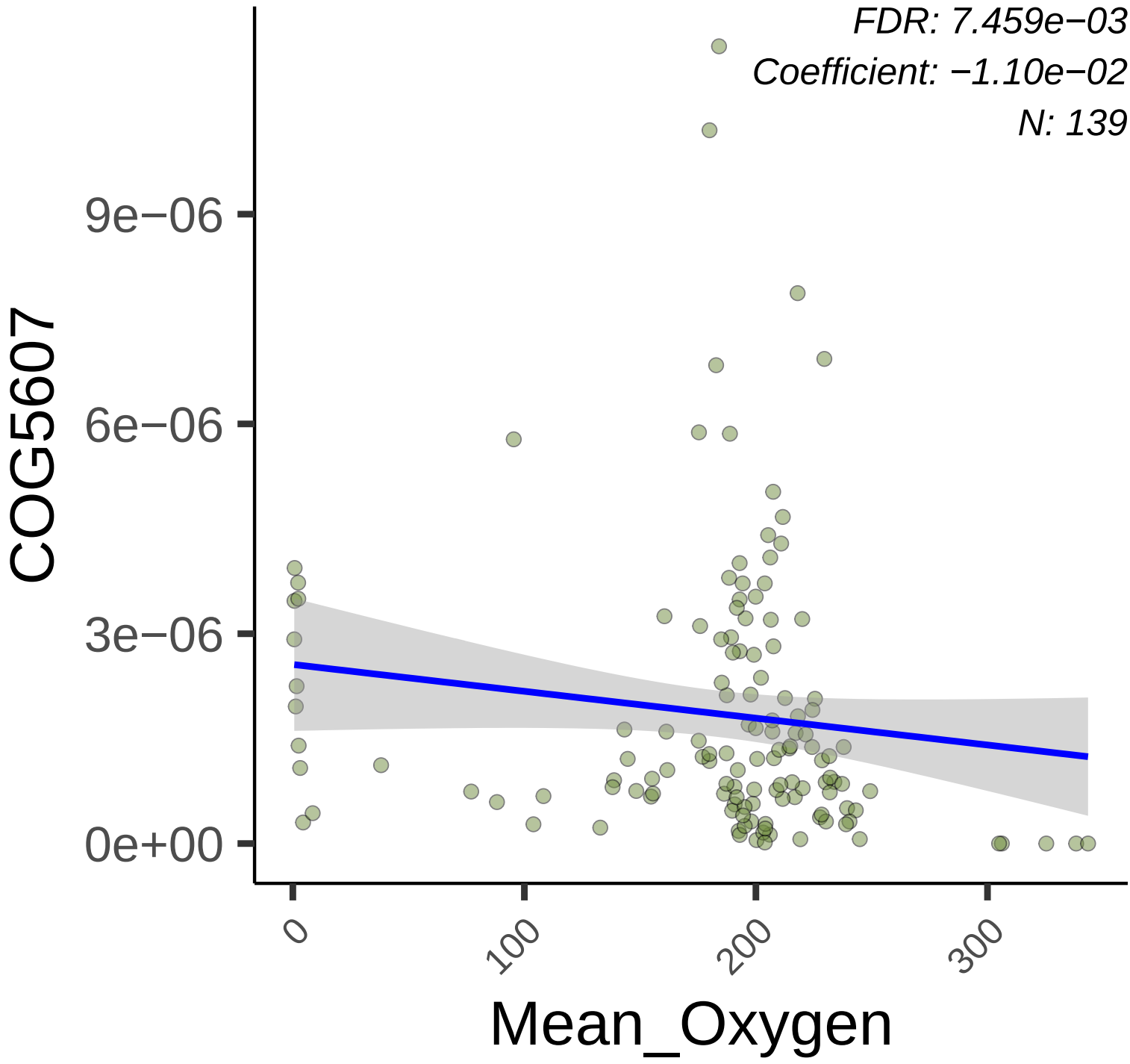
300
Mean_Oxygen


FDR: 7.459e−03
Coefficient: −1.10e−02
N: 139
COG5607
9e−06
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0e+00
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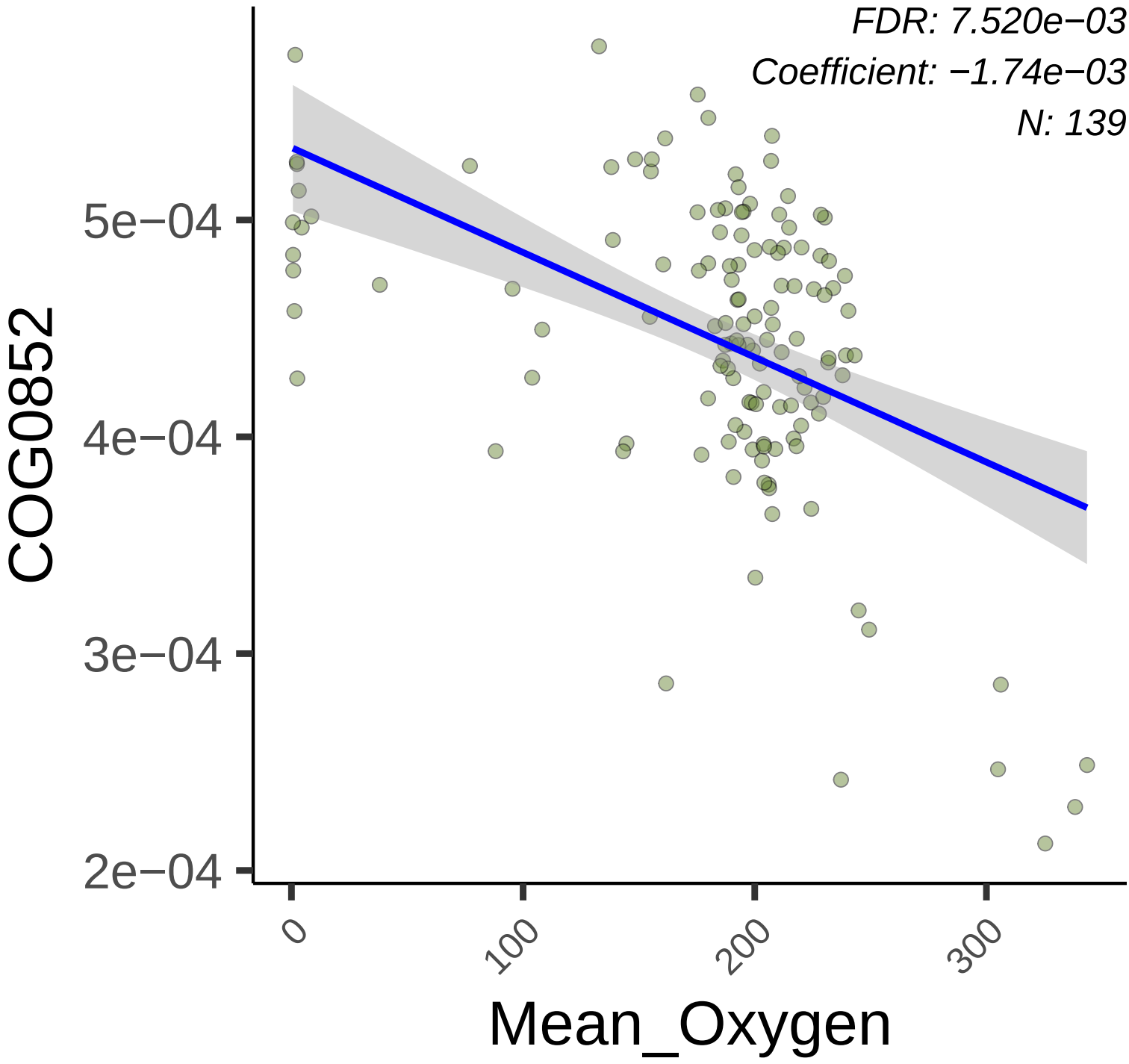
300
Mean_Oxygen


FDR: 7.520e−03
Coefficient: −1.74e−03
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COG0852
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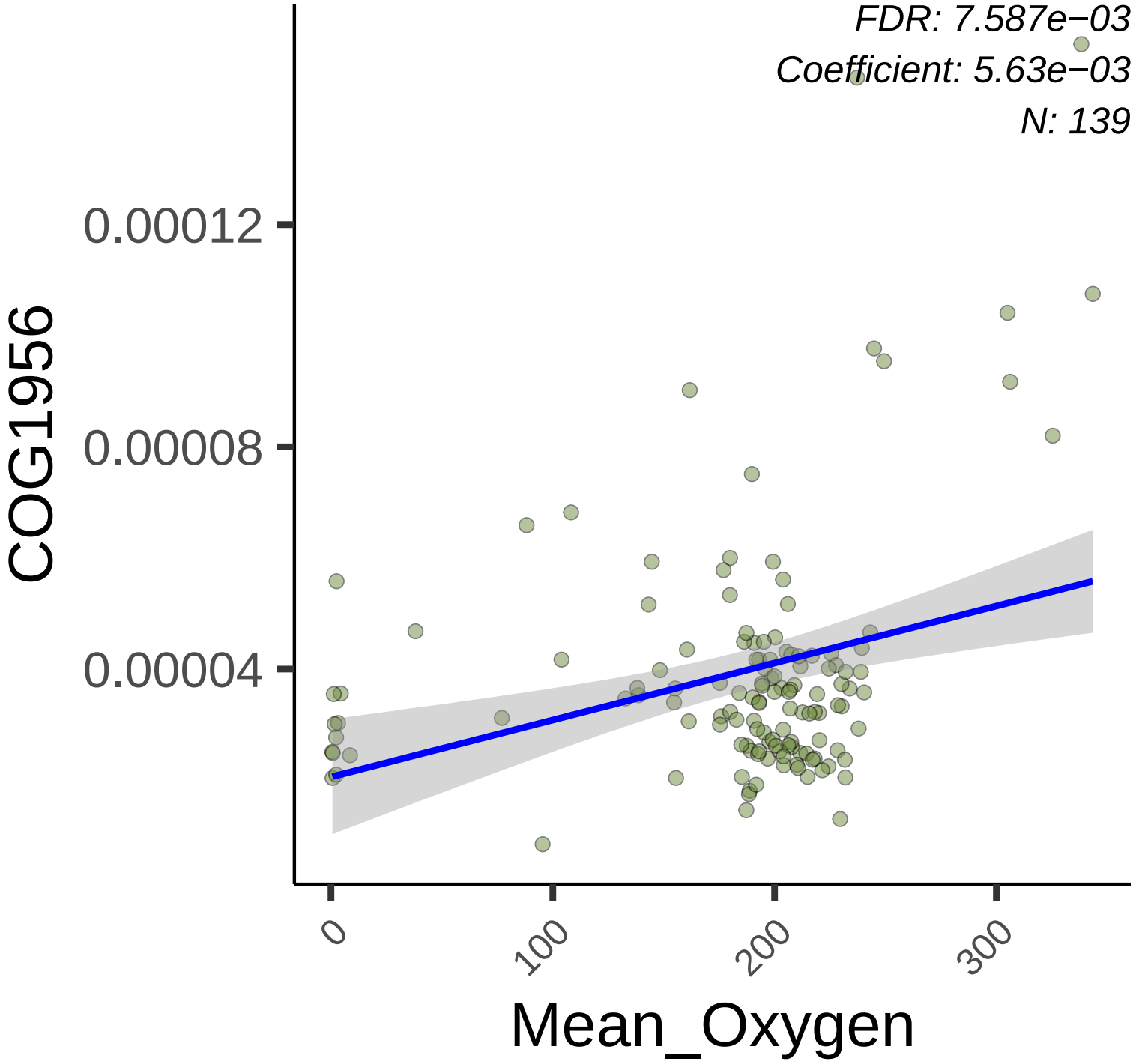
300
Mean_Oxygen


FDR: 7.587e−03
Coefficient: 5.63e−03
N: 139
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0.00008
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COG1956
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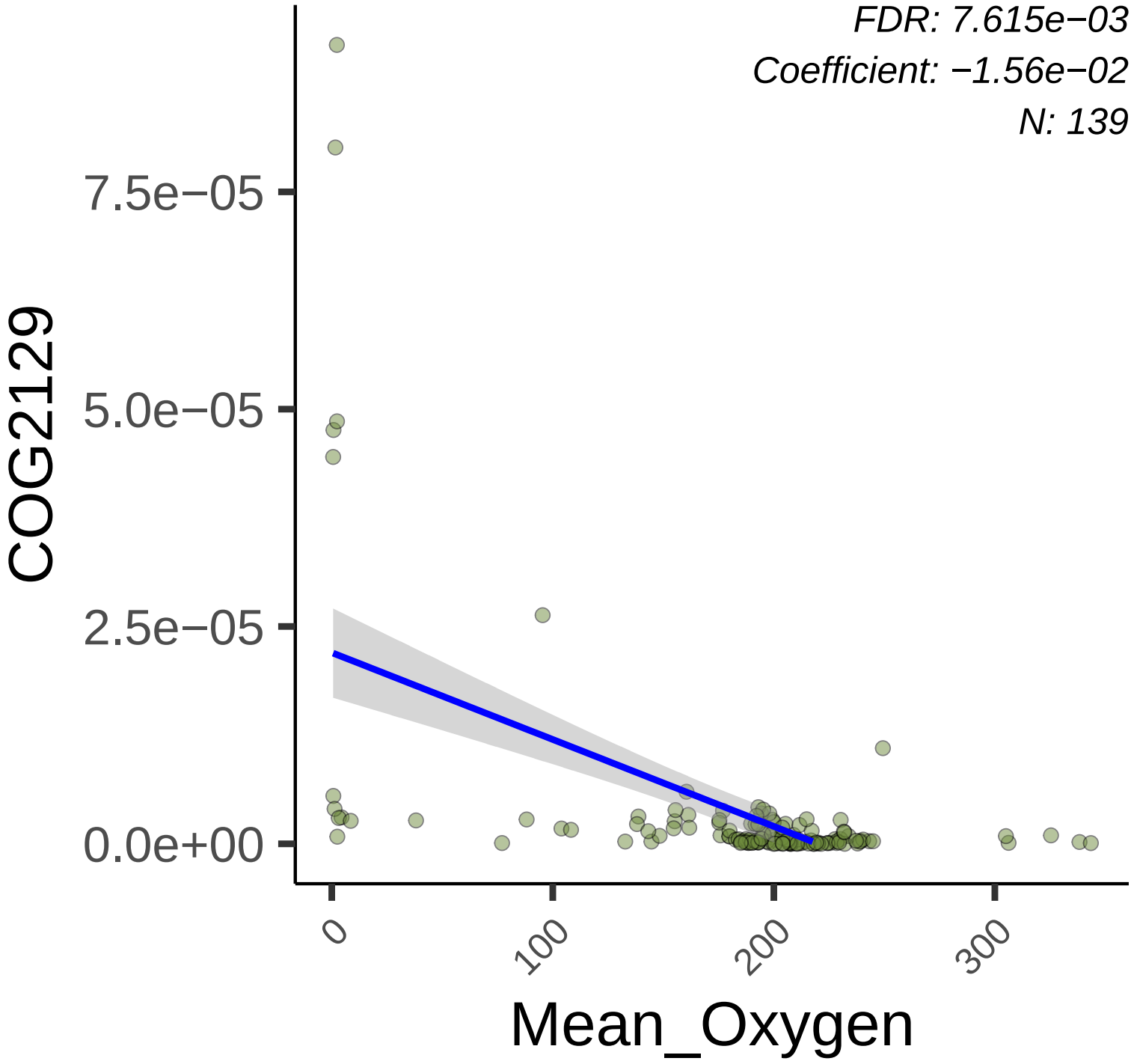
300
Mean_Oxygen


FDR: 7.615e−03
Coefficient: −1.56e−02
N: 139
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2.5e−05
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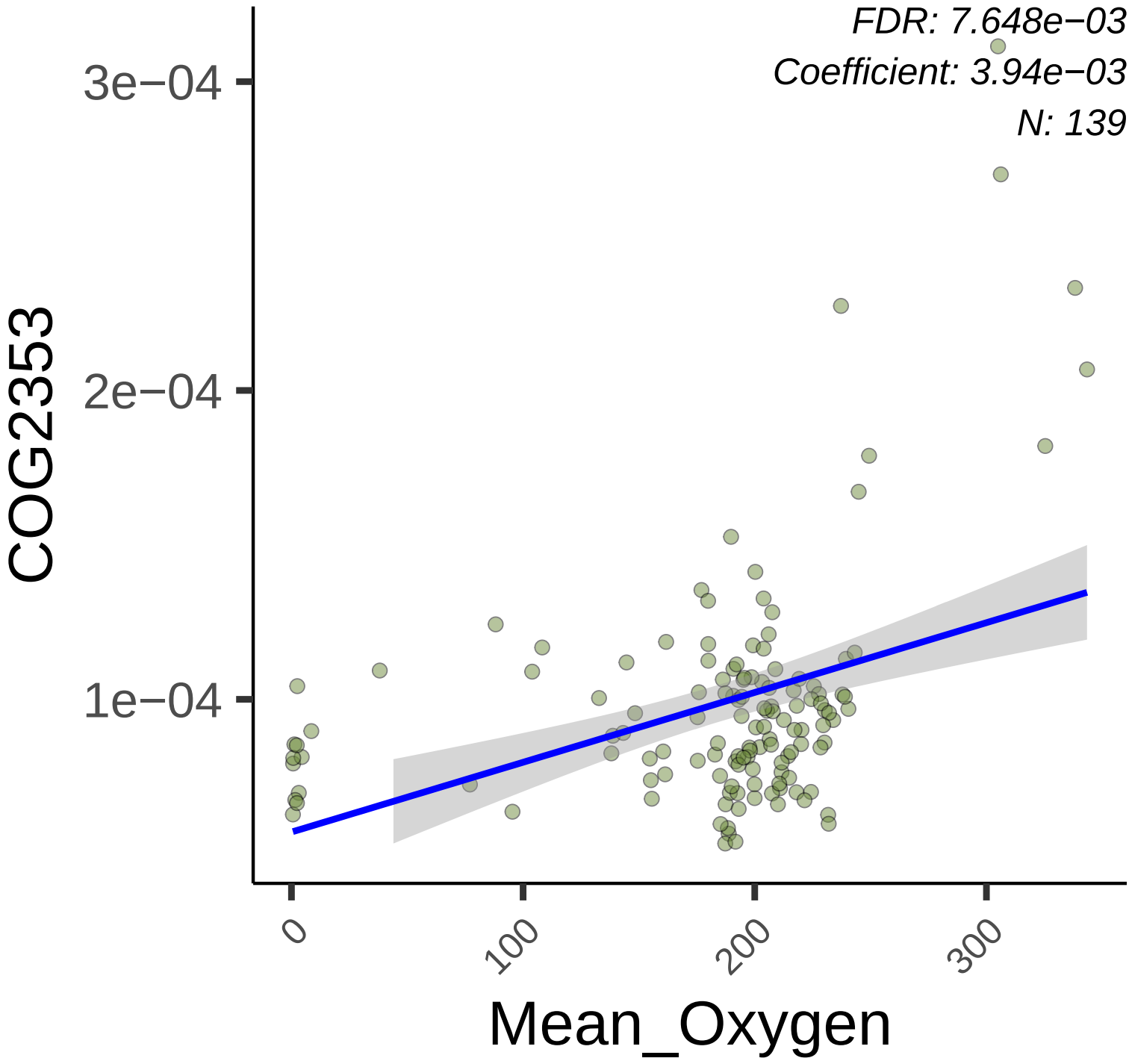
200
300
Mean_Oxygen


FDR: 7.648e−03
Coefficient: 3.94e−03
N: 139
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COG2353
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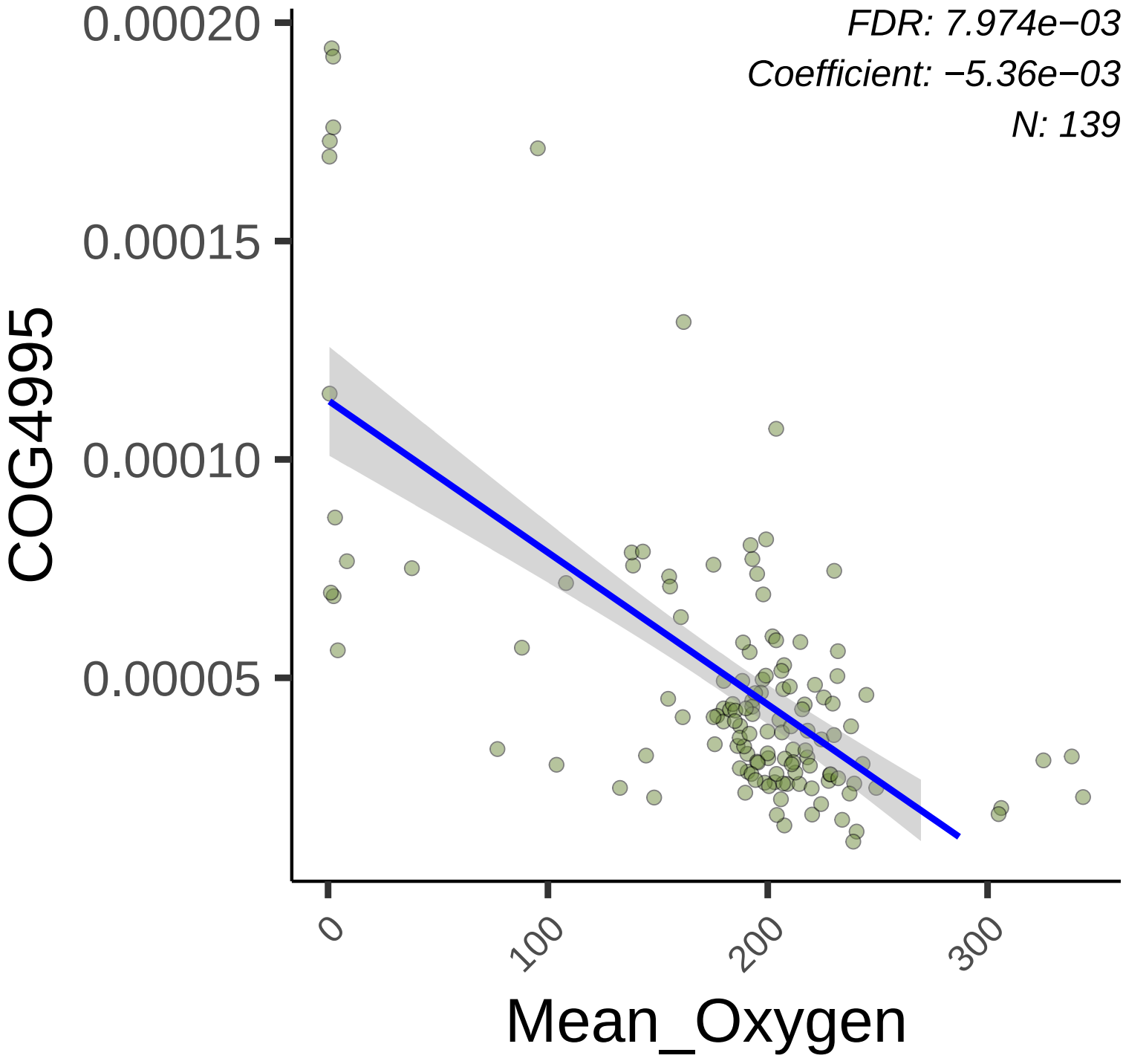
200
300
Mean_Oxygen


FDR: 7.974e−03
Coefficient: −5.36e−03
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COG4995
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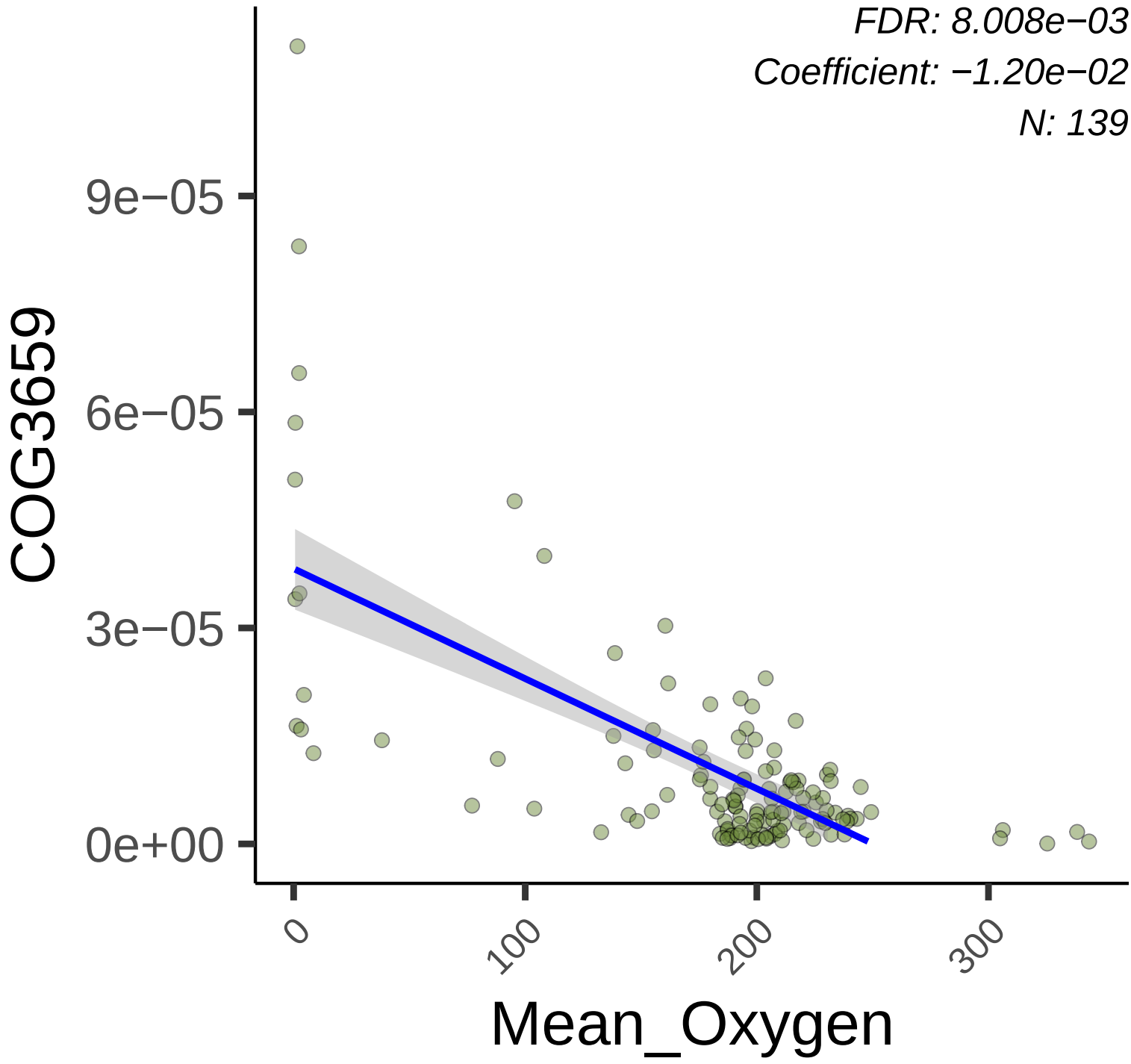
200
300
Mean_Oxygen


FDR: 8.008e−03
Coefficient: −1.20e−02
N: 139
COG3659
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6e−05
3e−05
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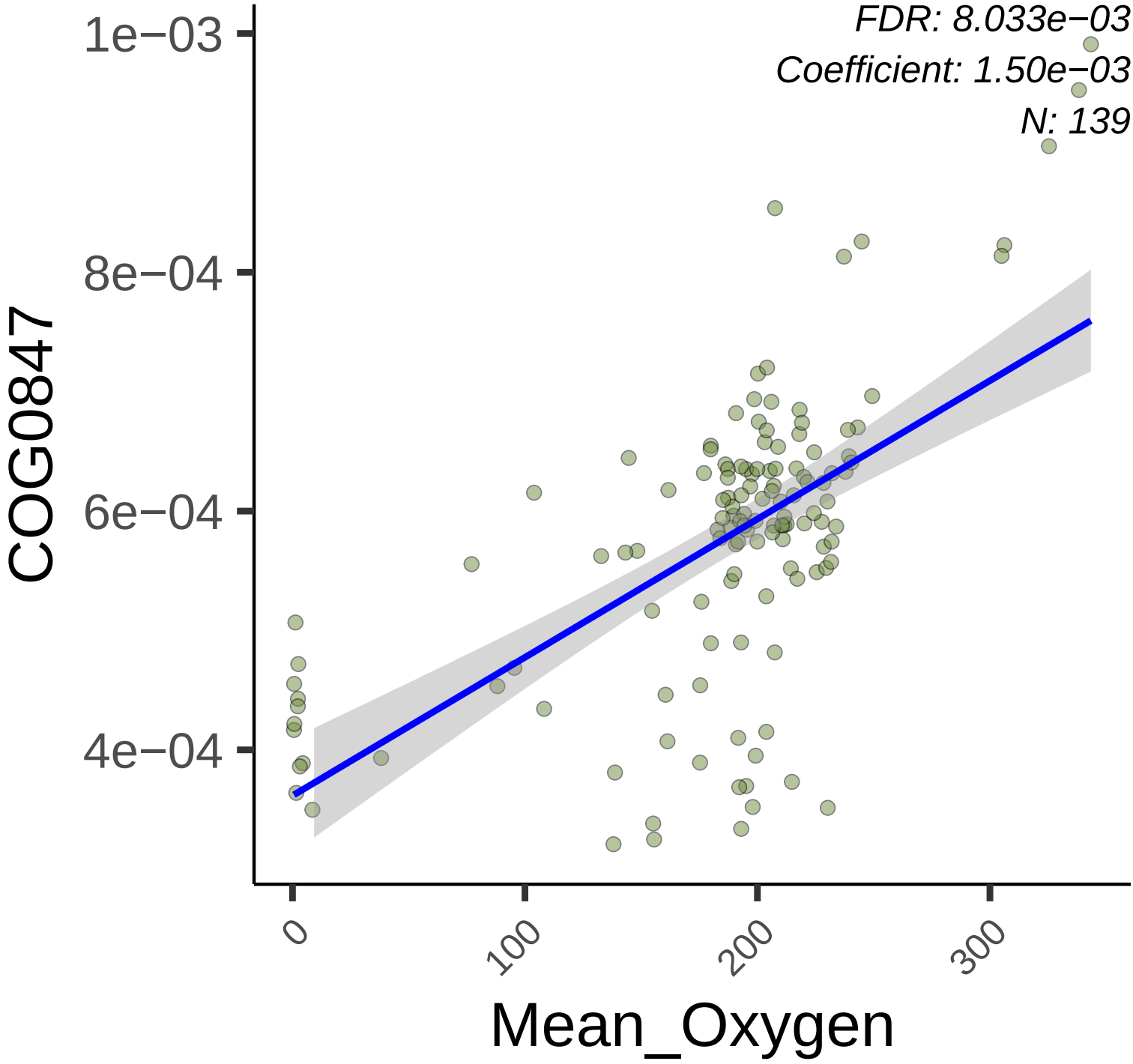
100
200
300
Mean_Oxygen


FDR: 8.033e−03
Coefficient: 1.50e−03
N: 139
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8e−04
6e−04
4e−04
COG0847
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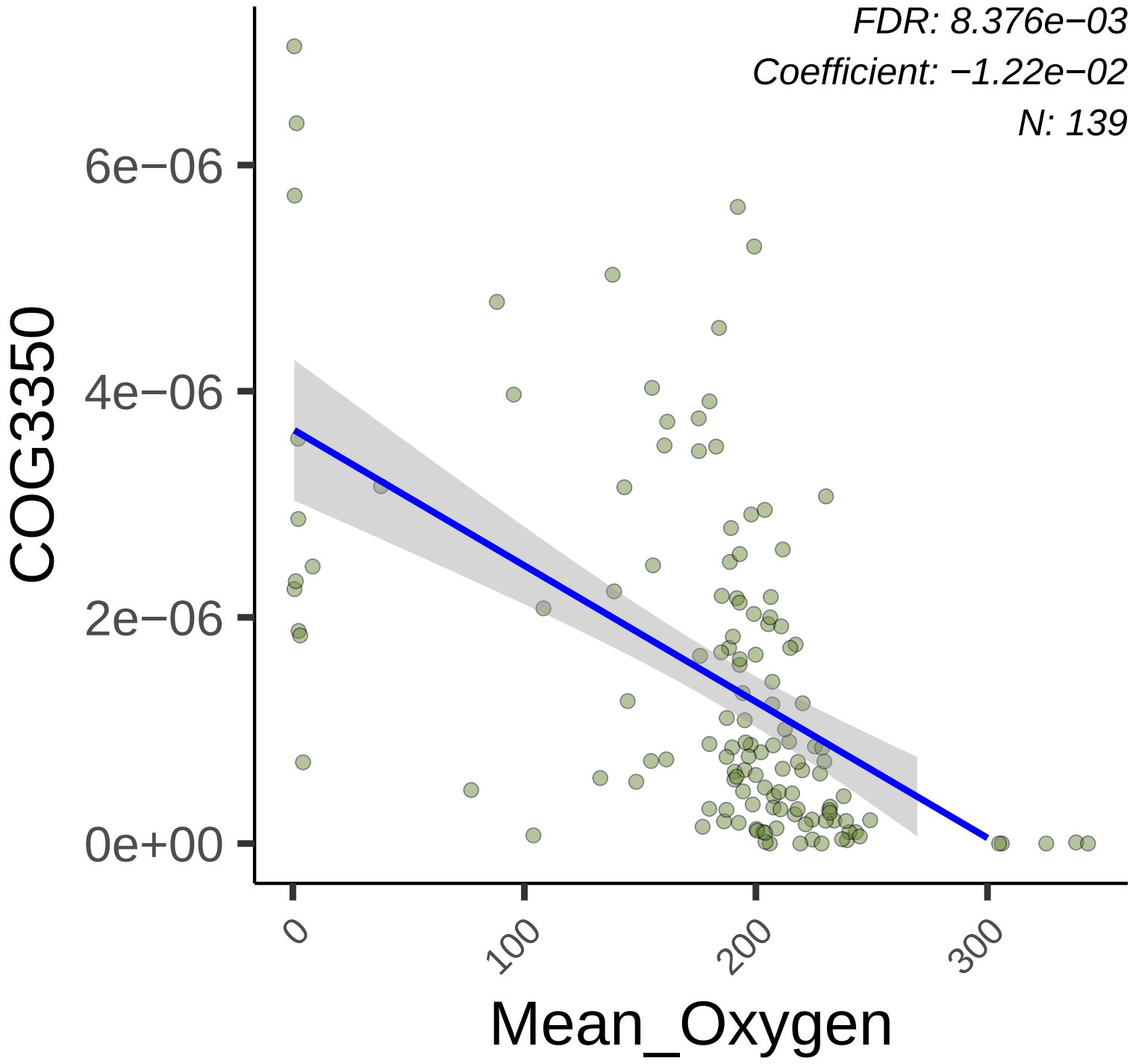
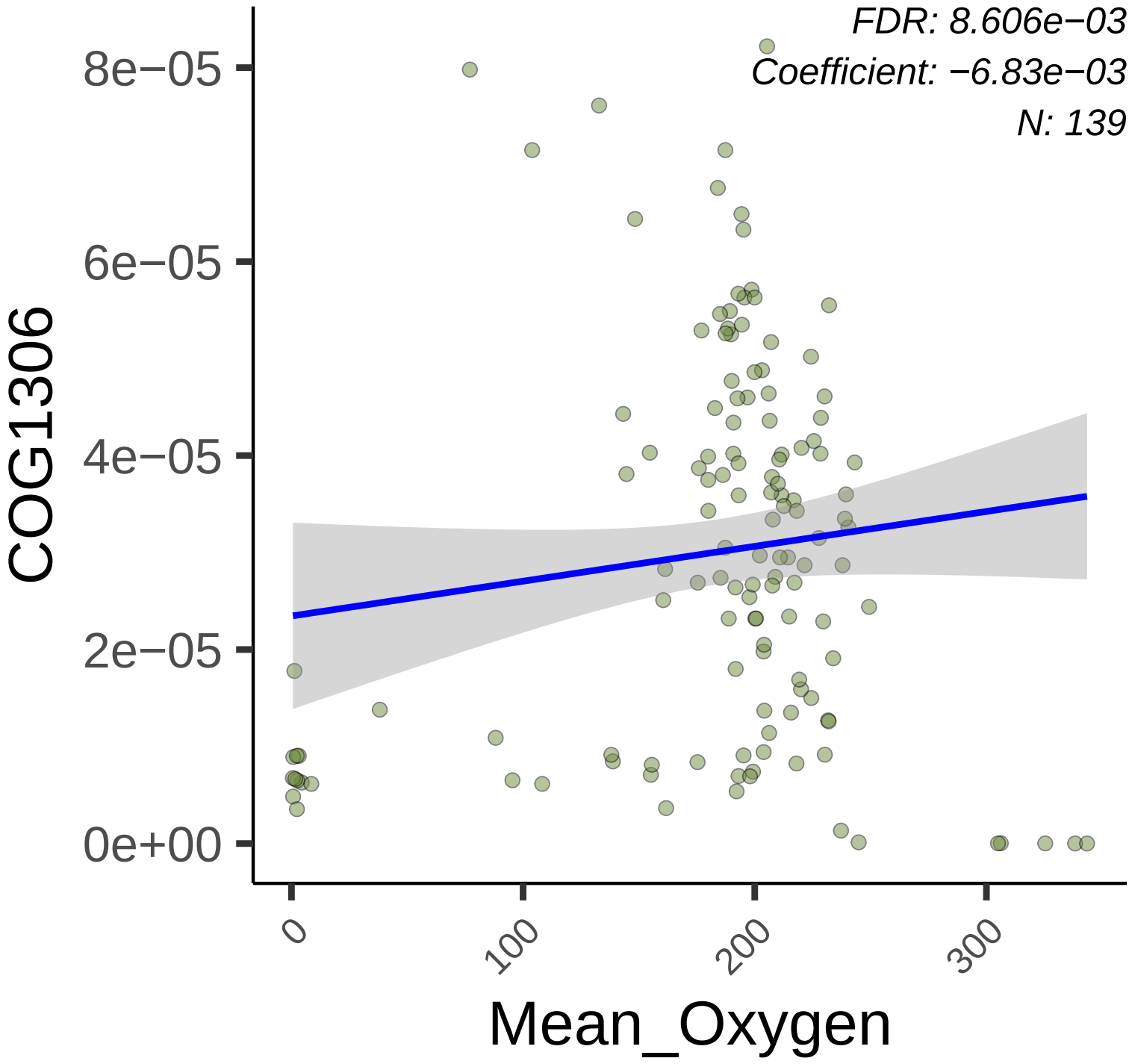
100
200
300
Mean_Oxygen


FDR: 8.376e−03
Coefficient: −1.22e−02
N: 139
COG3350
6e−06
4e−06
2e−06
0e+00
0
100
200
300
Mean_Oxygen


FDR: 8.606e−03
Coefficient: −6.83e−03
N: 139
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6e−05
4e−05
2e−05
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COG1306
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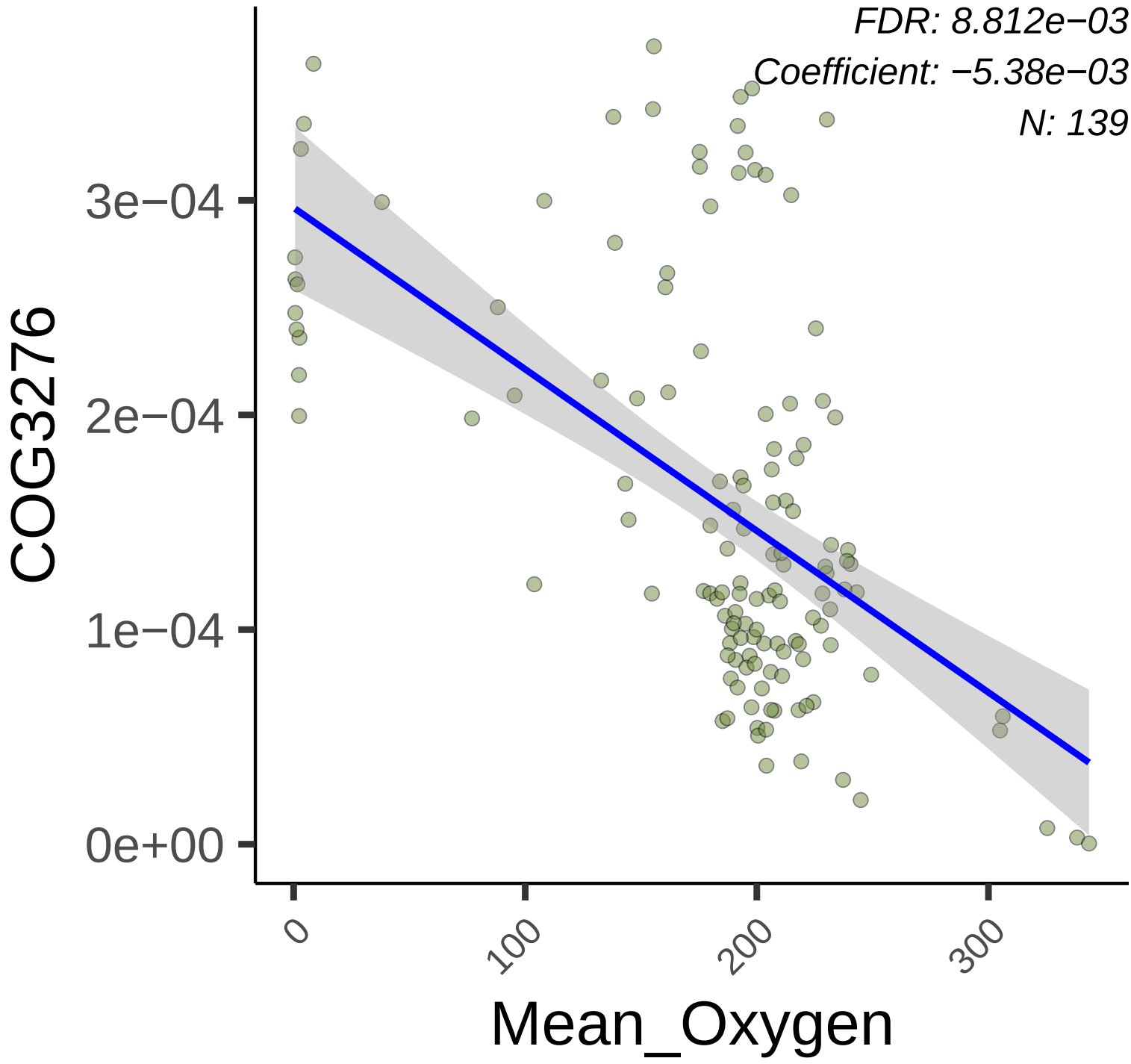
200
300
Mean_Oxygen


FDR: 8.812e−03
Coefficient: −5.38e−03
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2e−04
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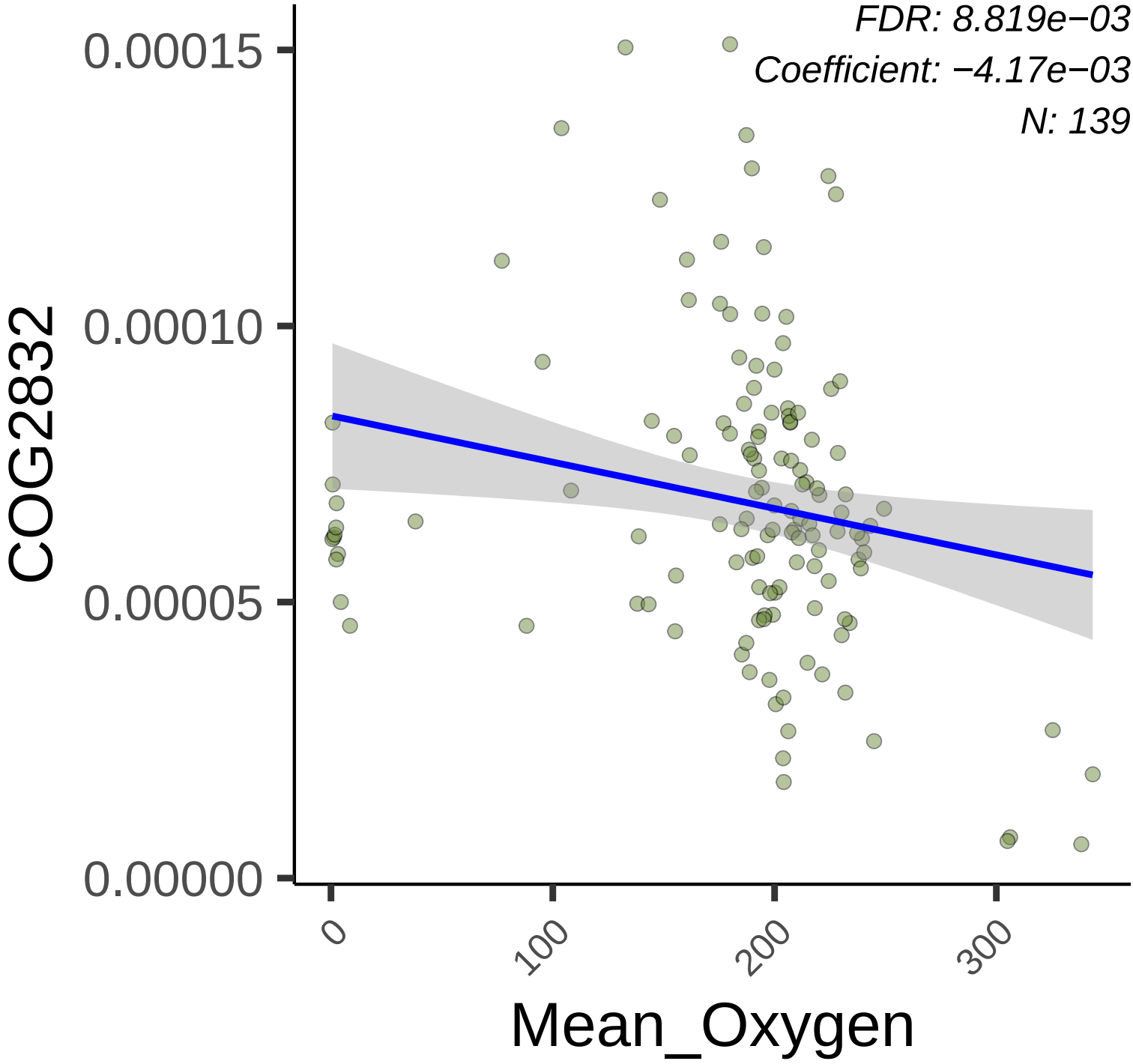
200
300
Mean_Oxygen


FDR: 8.819e−03
Coefficient: −4.17e−03
N: 139
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0.00005
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COG2832
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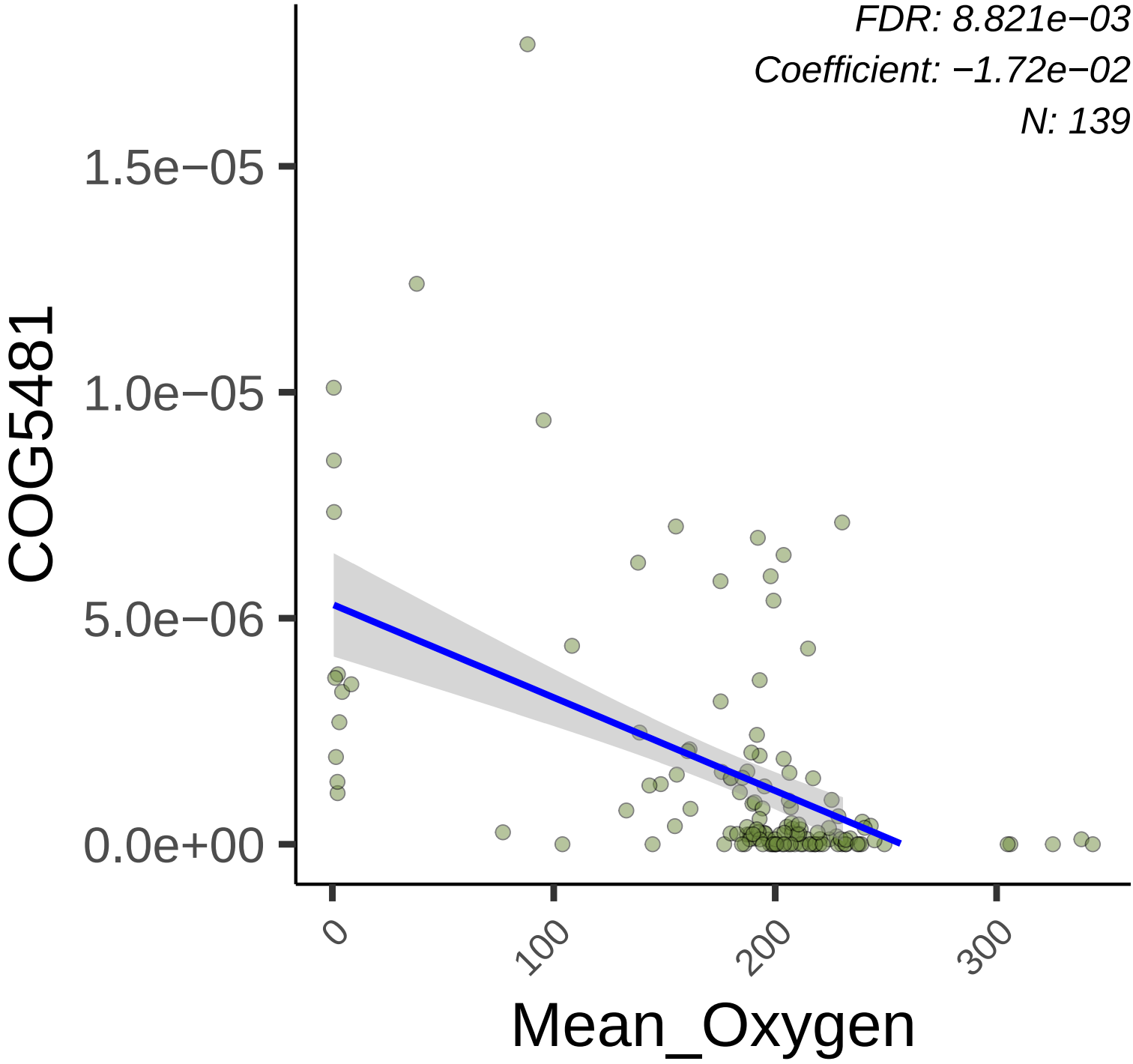
200
300
Mean_Oxygen


FDR: 8.821e−03
Coefficient: −1.72e−02
N: 139
COG5481
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5.0e−06
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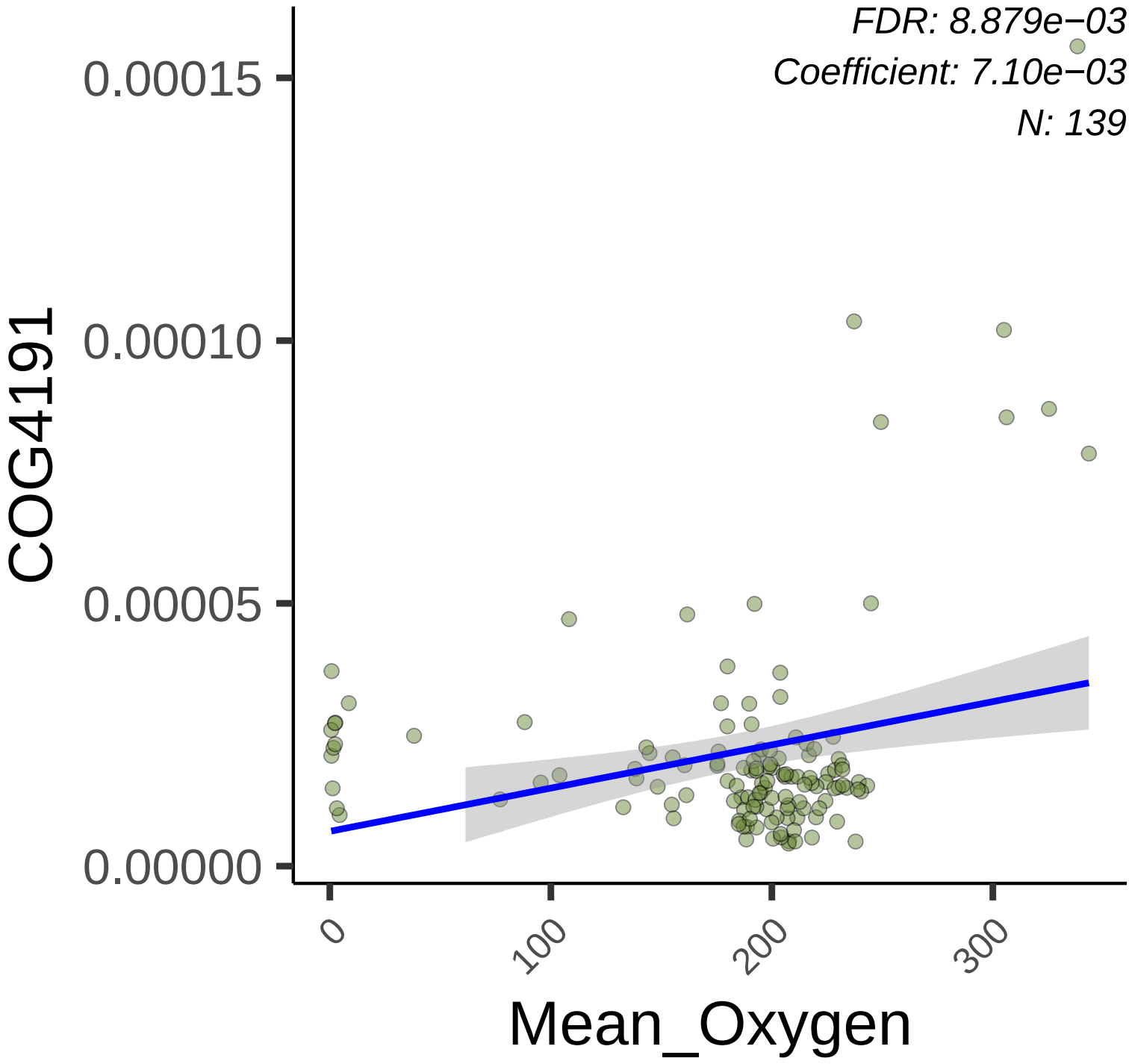
200
300
Mean_Oxygen


FDR: 8.879e−03
Coefficient: 7.10e−03
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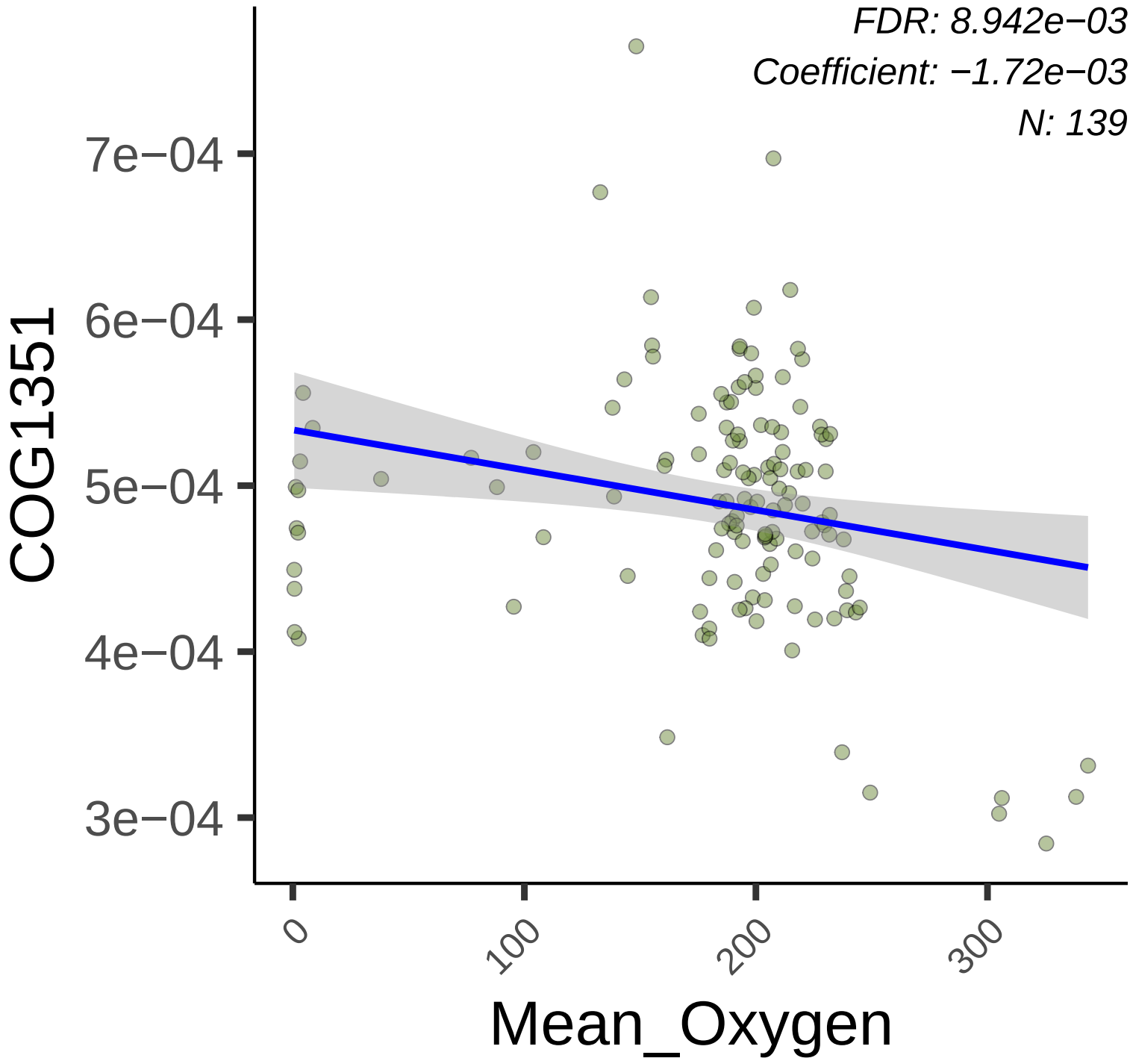
200
300
Mean_Oxygen


FDR: 8.942e−03
Coefficient: −1.72e−03
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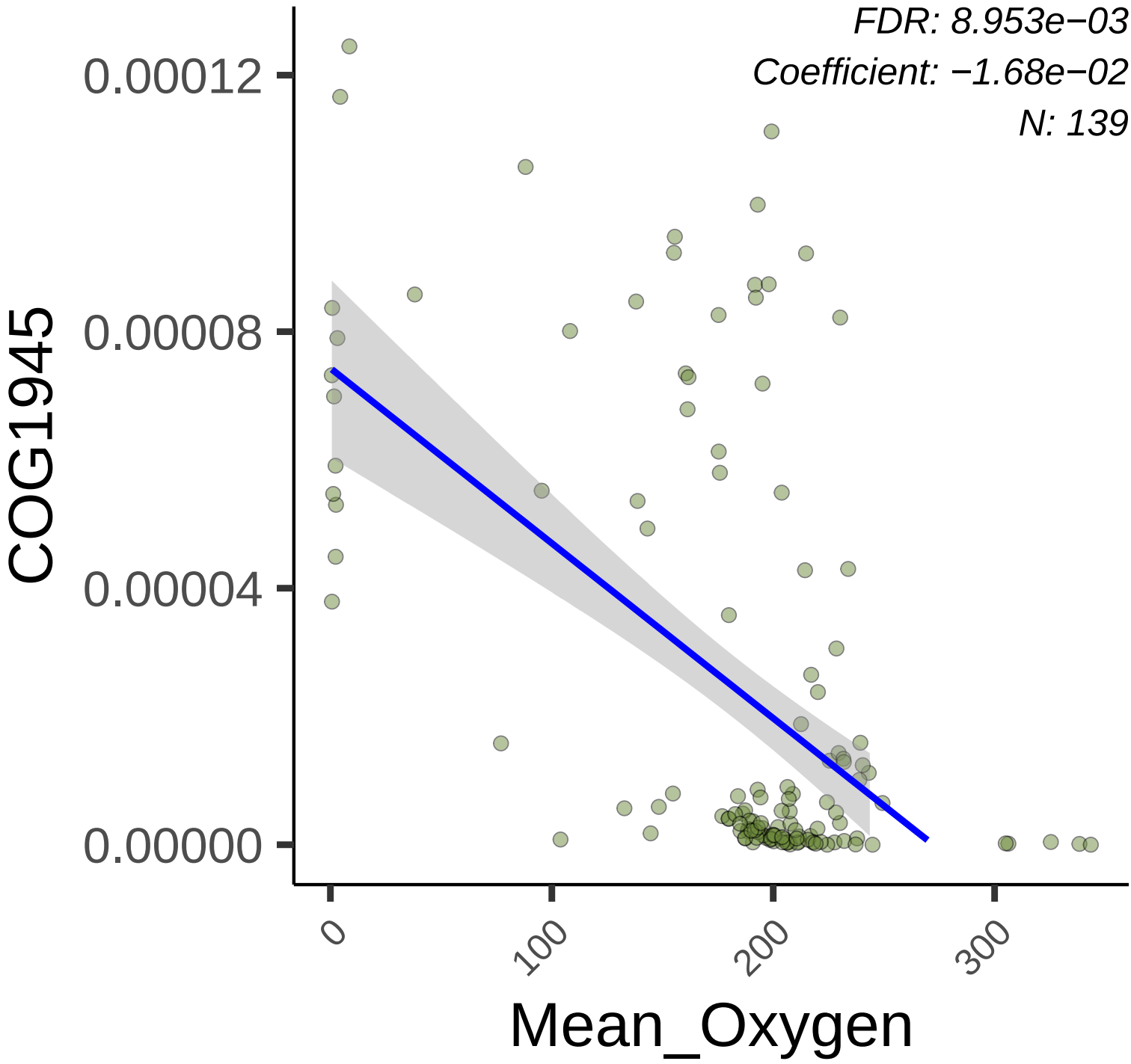
300
Mean_Oxygen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Coefficient: −1.68e−02
N: 139
COG1945
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0.00000
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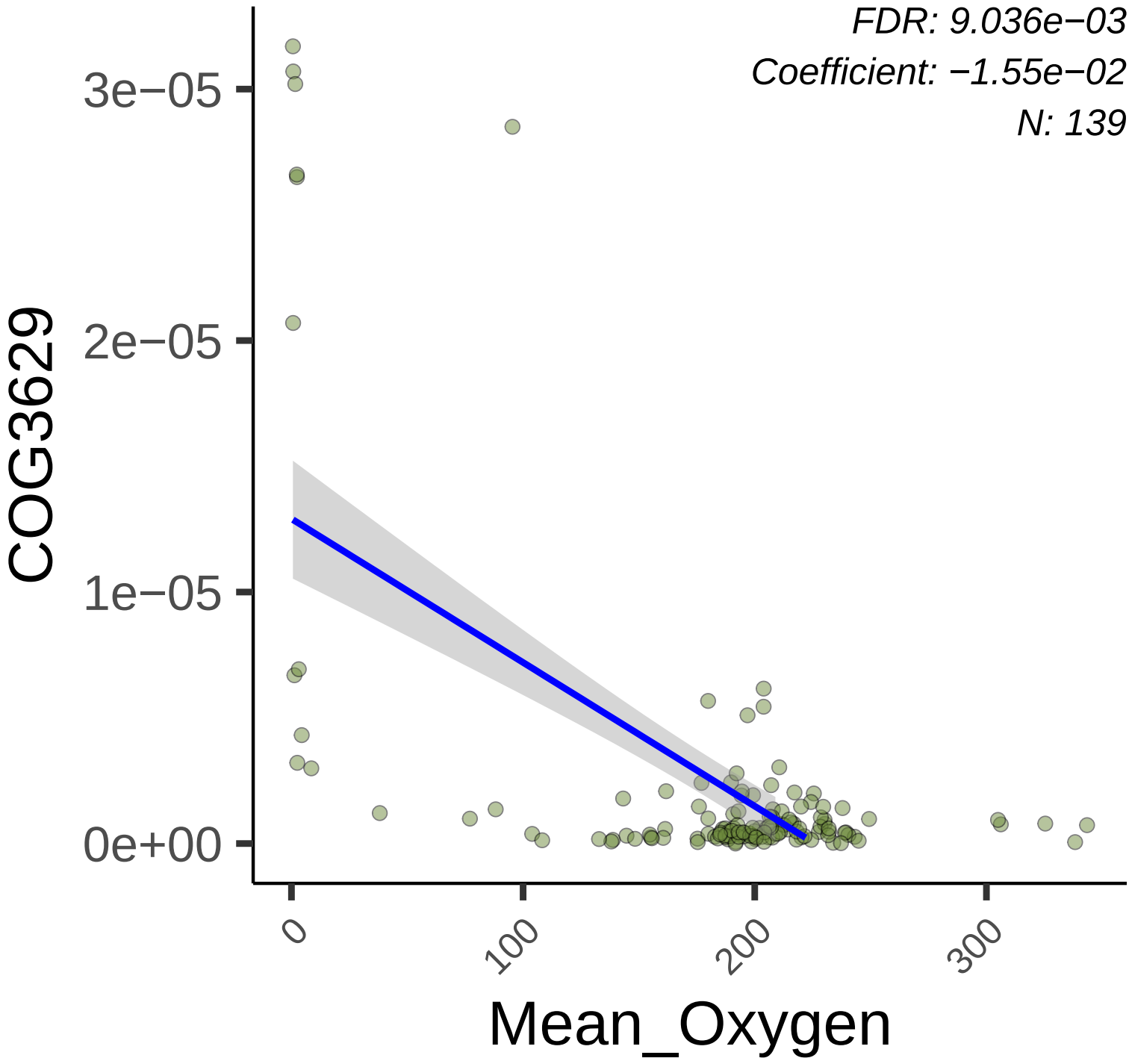
200
300
Mean_Oxygen


FDR: 9.036e−03
Coefficient: −1.55e−02
N: 139
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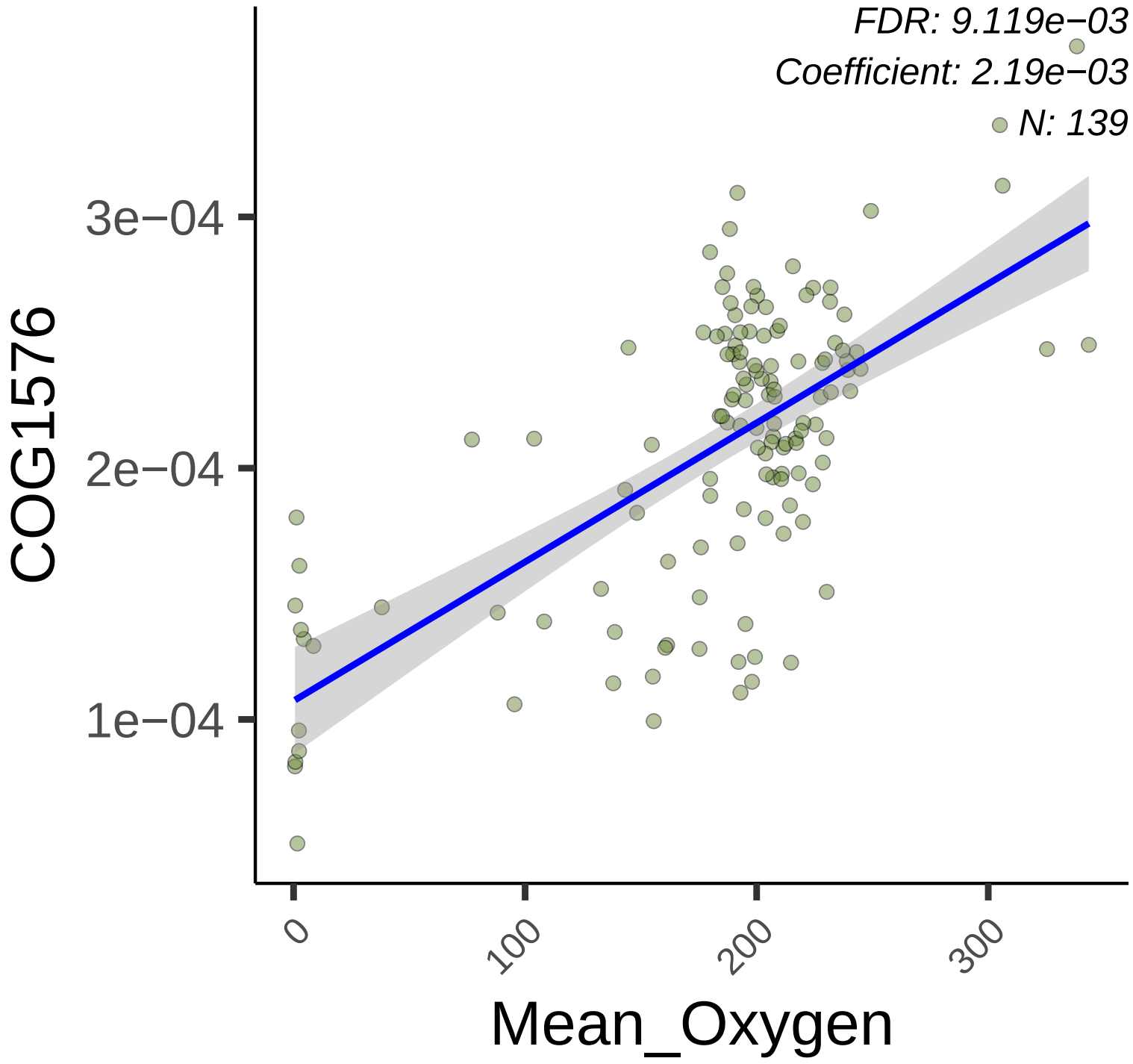
300
Mean_Oxygen


FDR: 9.119e−03
Coefficient: 2.19e−03
N: 139
COG1576
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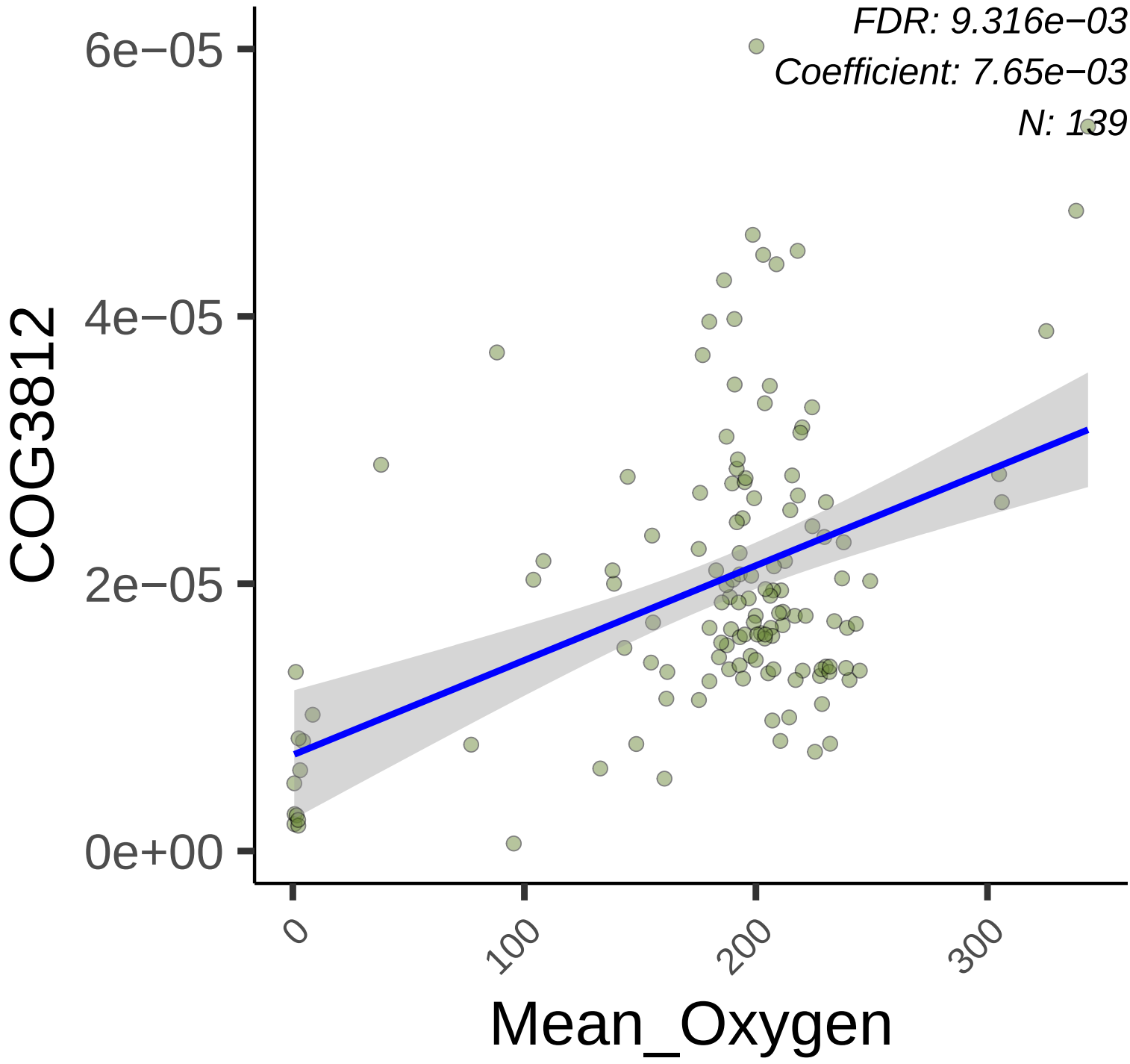
300
Mean_Oxygen


FDR: 9.316e−03
Coefficient: 7.65e−03
N: 139
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4e−05
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COG3812
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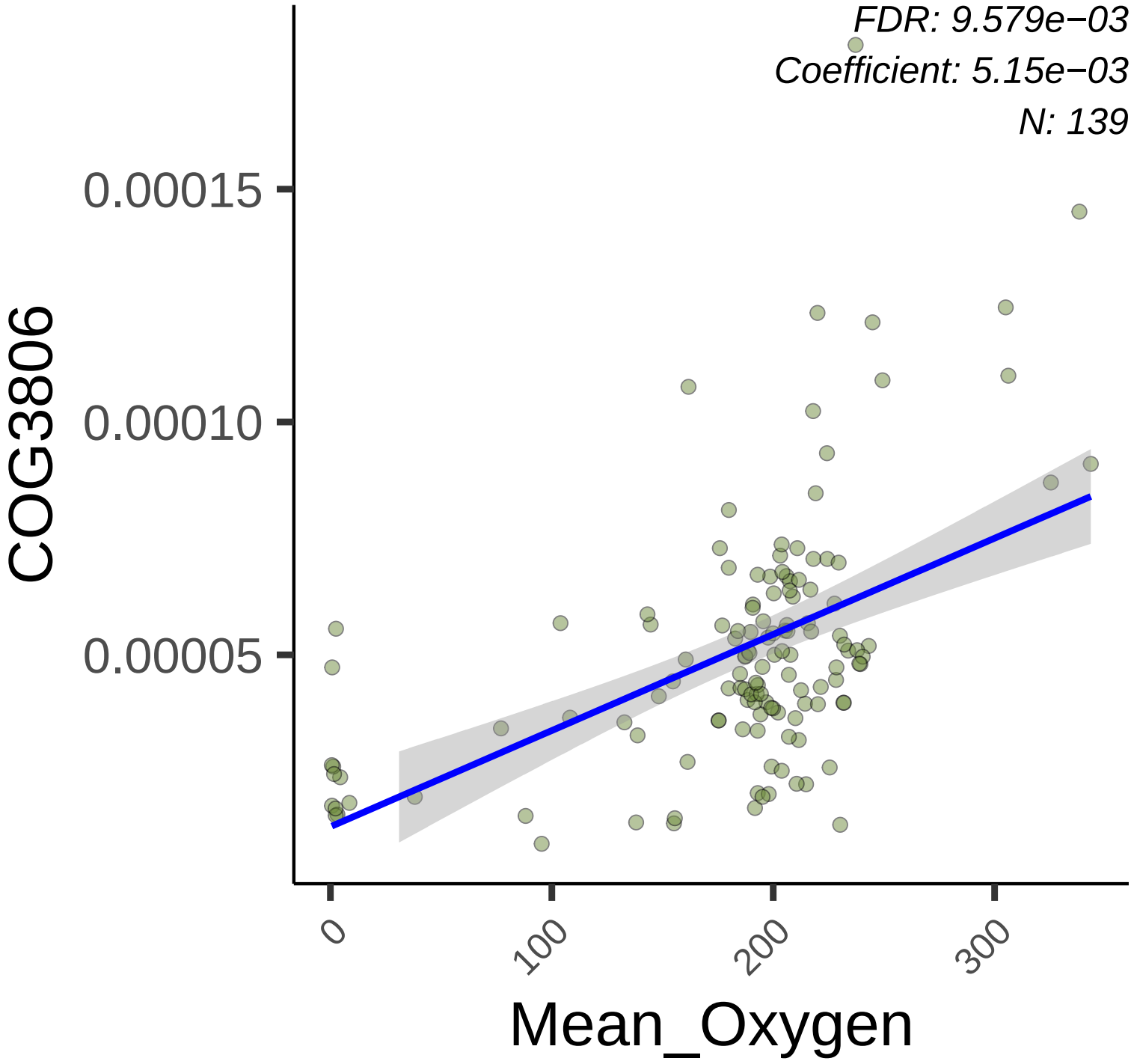
200
300
Mean_Oxygen


FDR: 9.579e−03
Coefficient: 5.15e−03
N: 139
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COG3806
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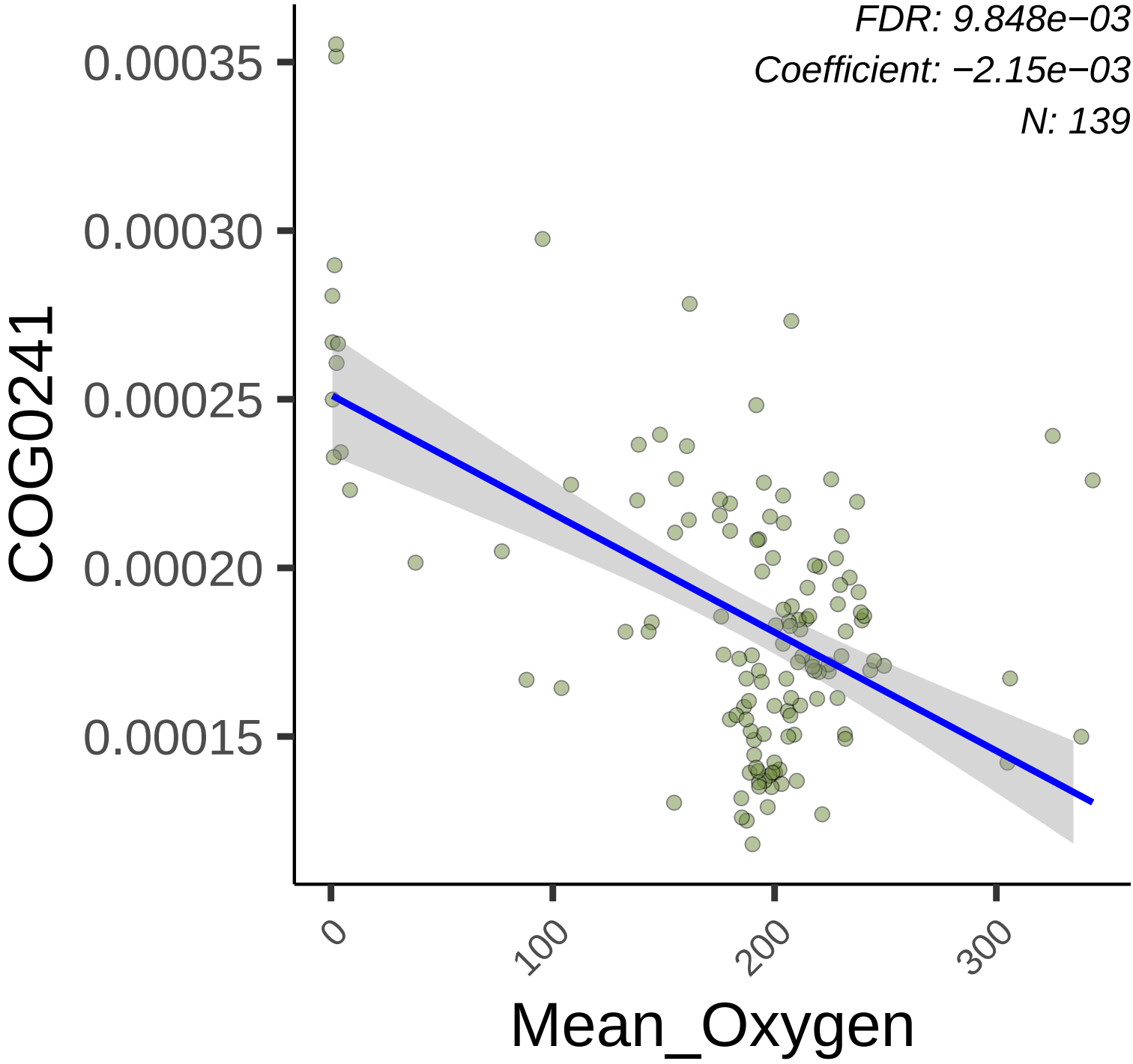
200
300
Mean_Oxygen


FDR: 9.848e−03
Coefficient: −2.15e−03
N: 139
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COG0241
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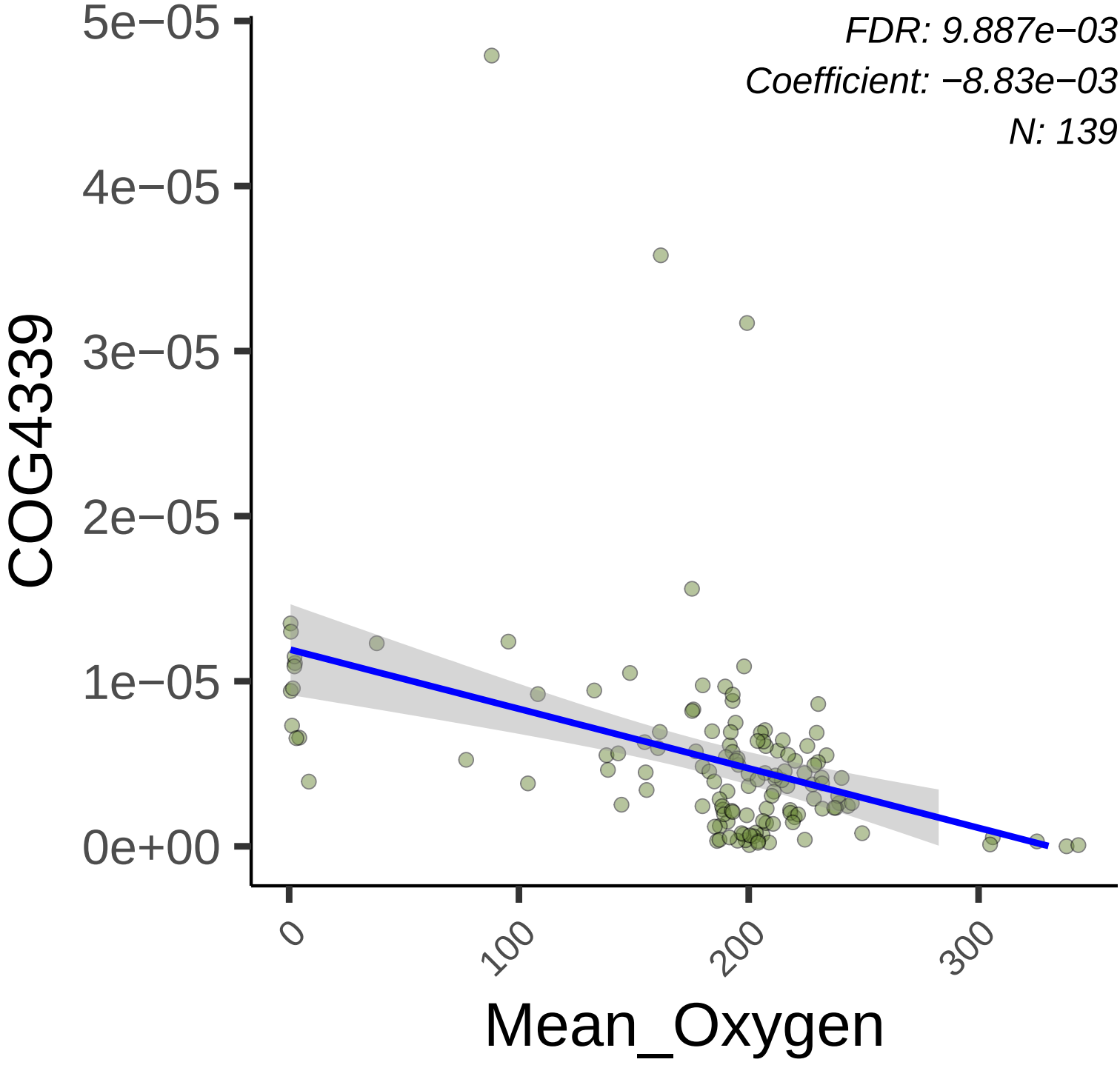
300
Mean_Oxygen


FDR: 9.887e−03
Coefficient: −8.83e−03
N: 139
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2e−05
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200
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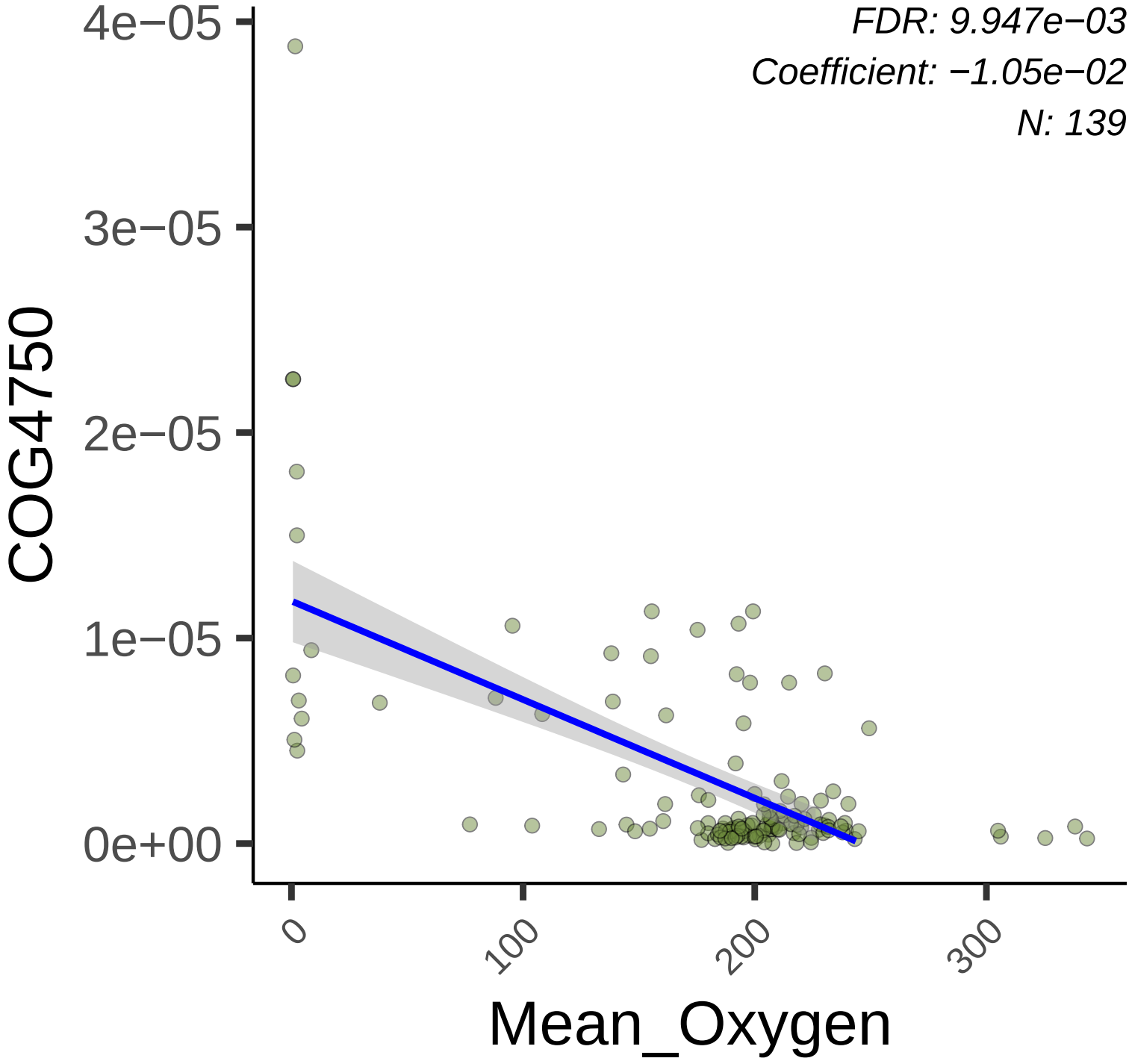
Mean_Oxygen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Coefficient: −1.05e−02
N: 139
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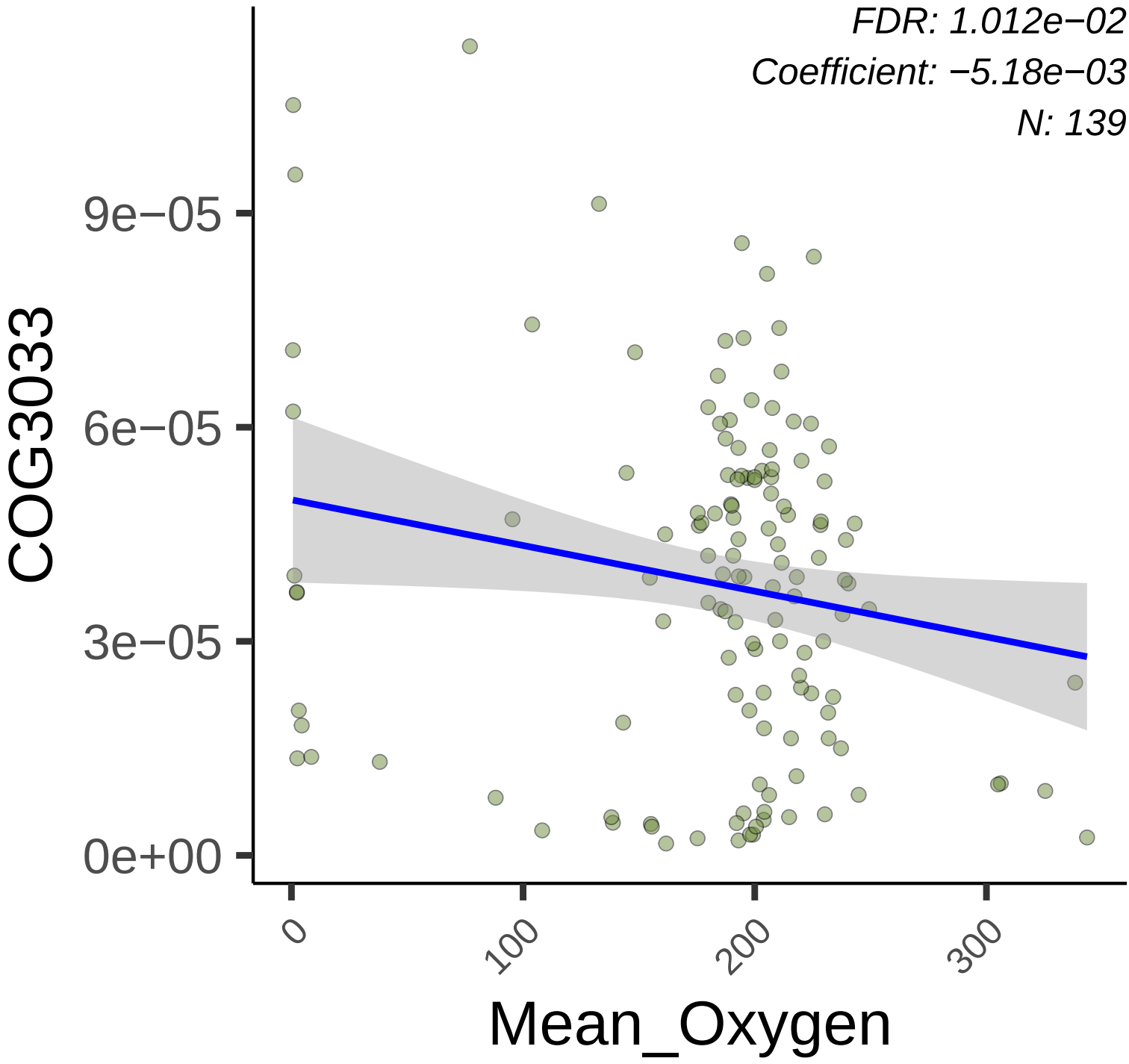
200
300
Mean_Oxygen


FDR: 1.012e−02
Coefficient: −5.18e−03
N: 139
COG3033
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3e−05
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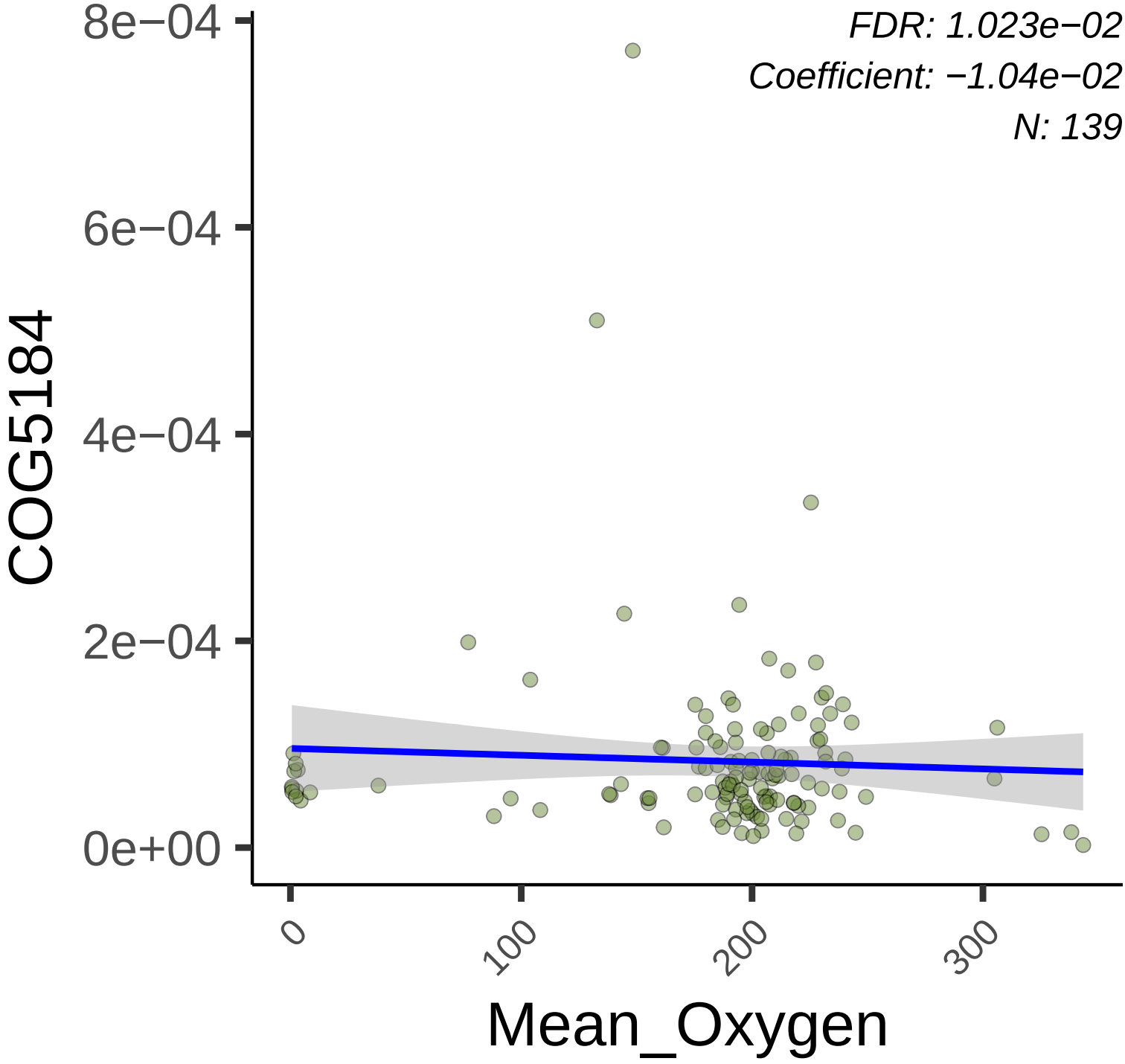
200
300
Mean_Oxygen


FDR: 1.023e−02
Coefficient: −1.04e−02
N: 139
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6e−04
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COG5184
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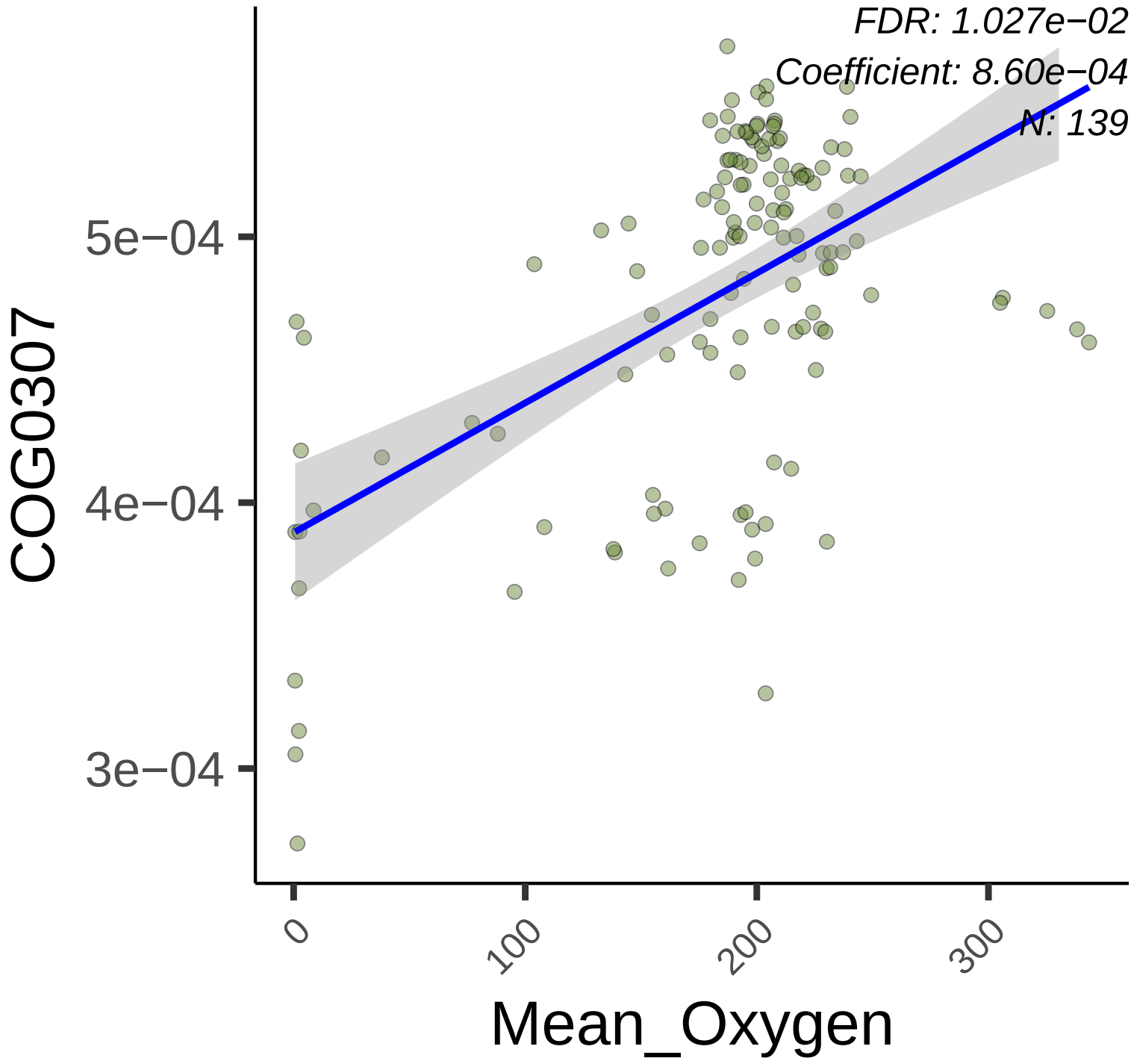
200
300
Mean_Oxygen


FDR: 1.027e−02
Coefficient: 8.60e−04
N: 139
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COG0307
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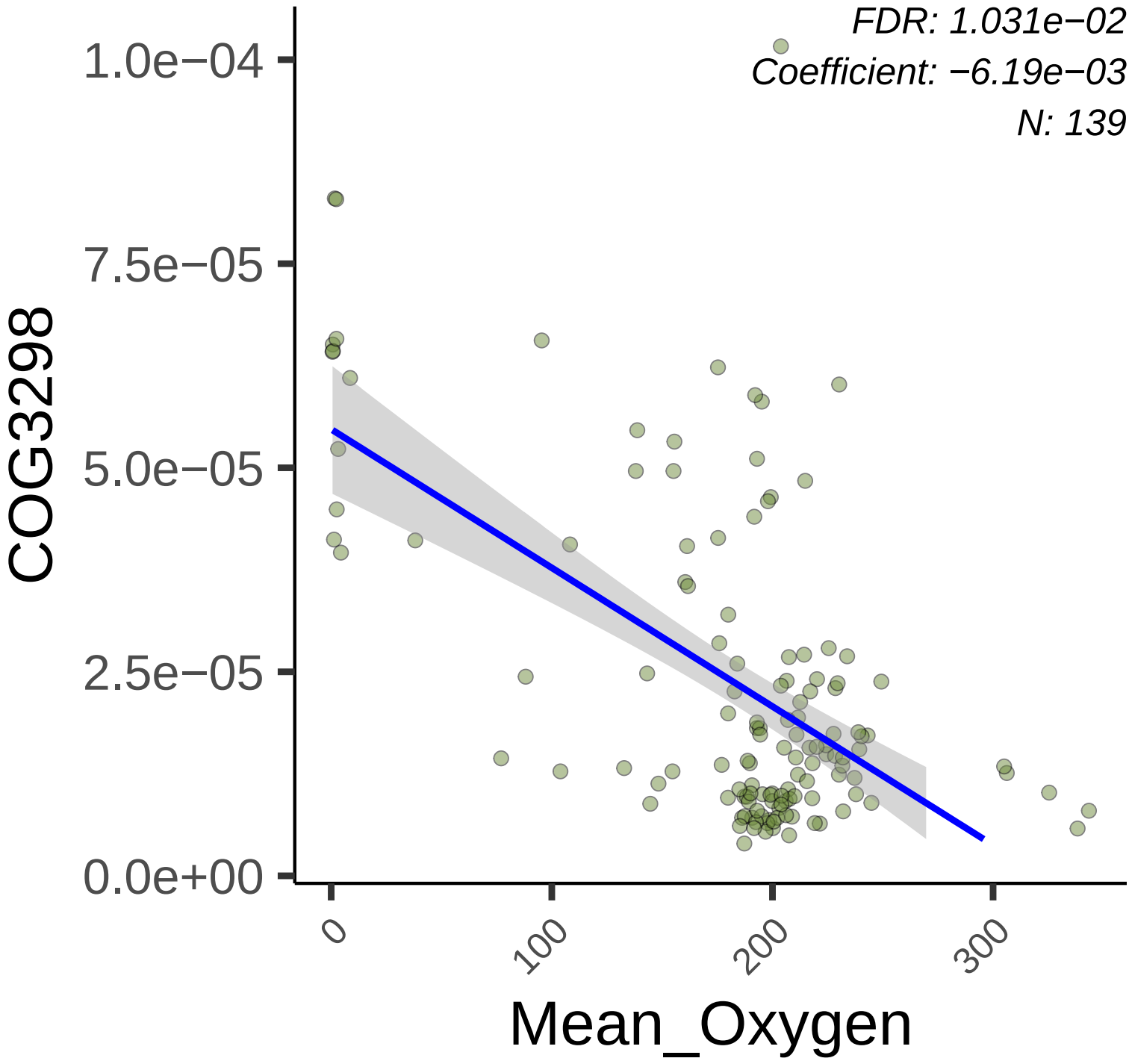
200
300
Mean_Oxygen


FDR: 1.031e−02
Coefficient: −6.19e−03
N: 139
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5.0e−05
2.5e−05
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COG3298
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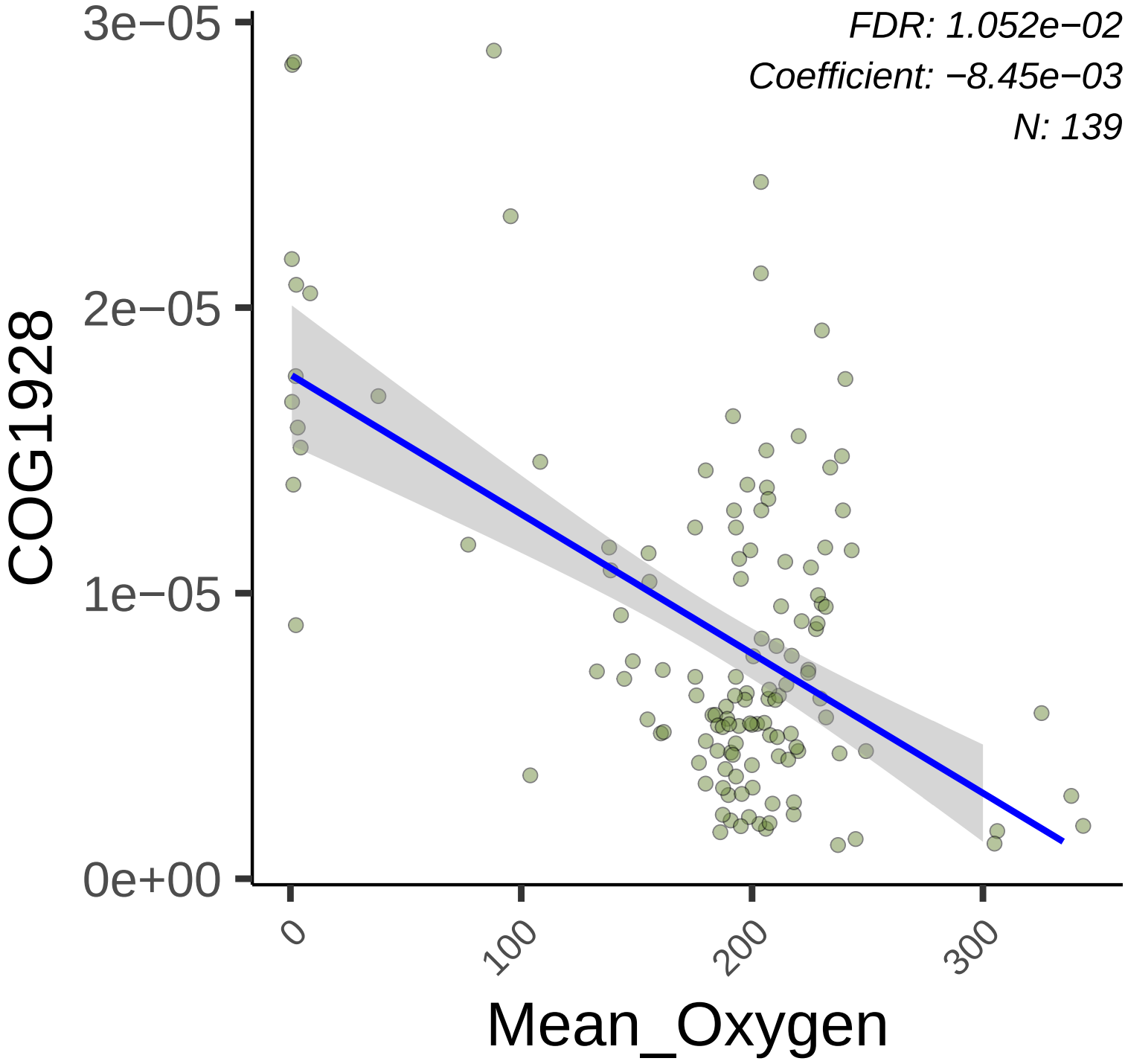
200
300
Mean_Oxygen


FDR: 1.052e−02
Coefficient: −8.45e−03
N: 139
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COG1928
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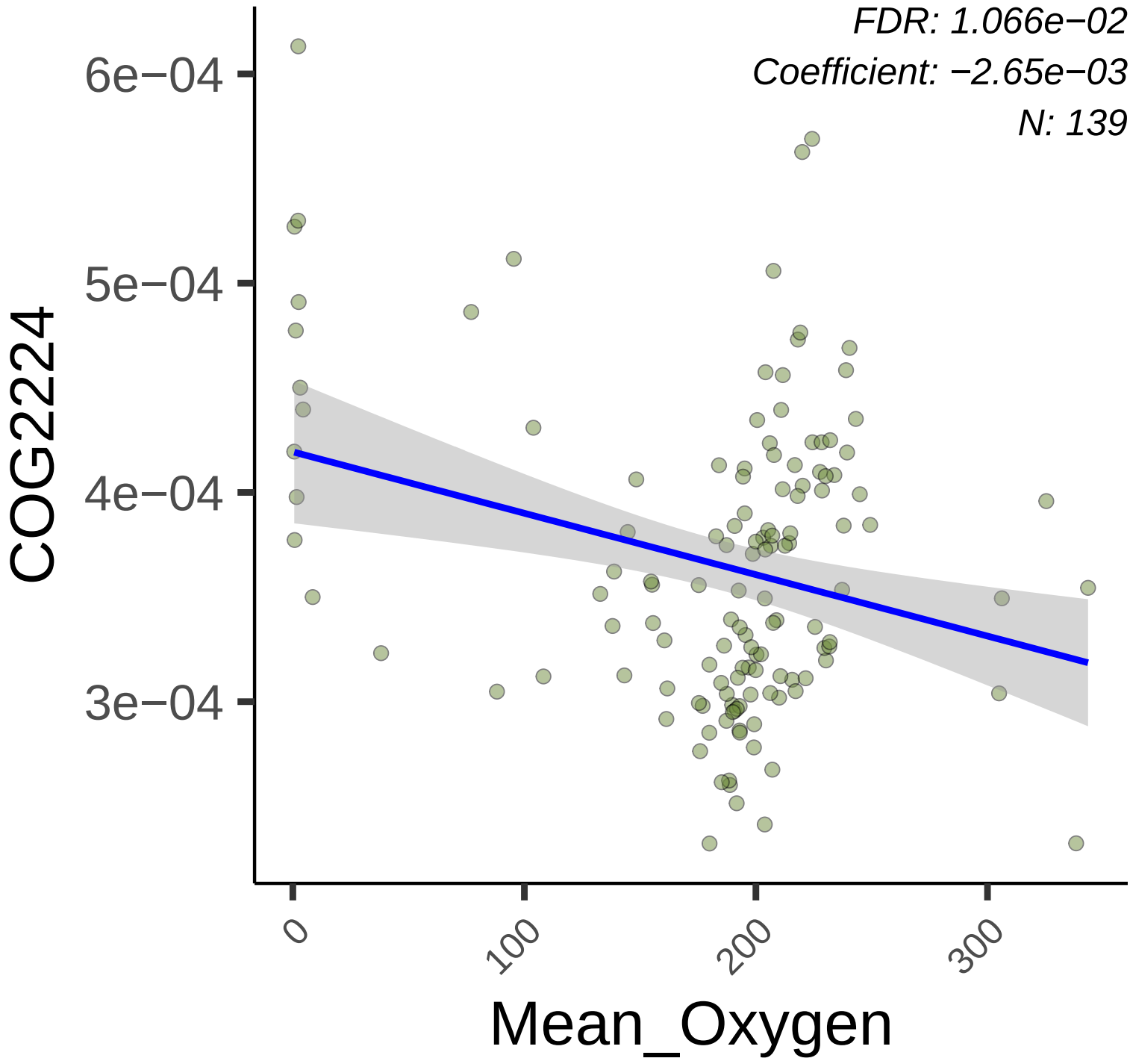
200
300
Mean_Oxygen


FDR: 1.066e−02
Coefficient: −2.65e−03
N: 139
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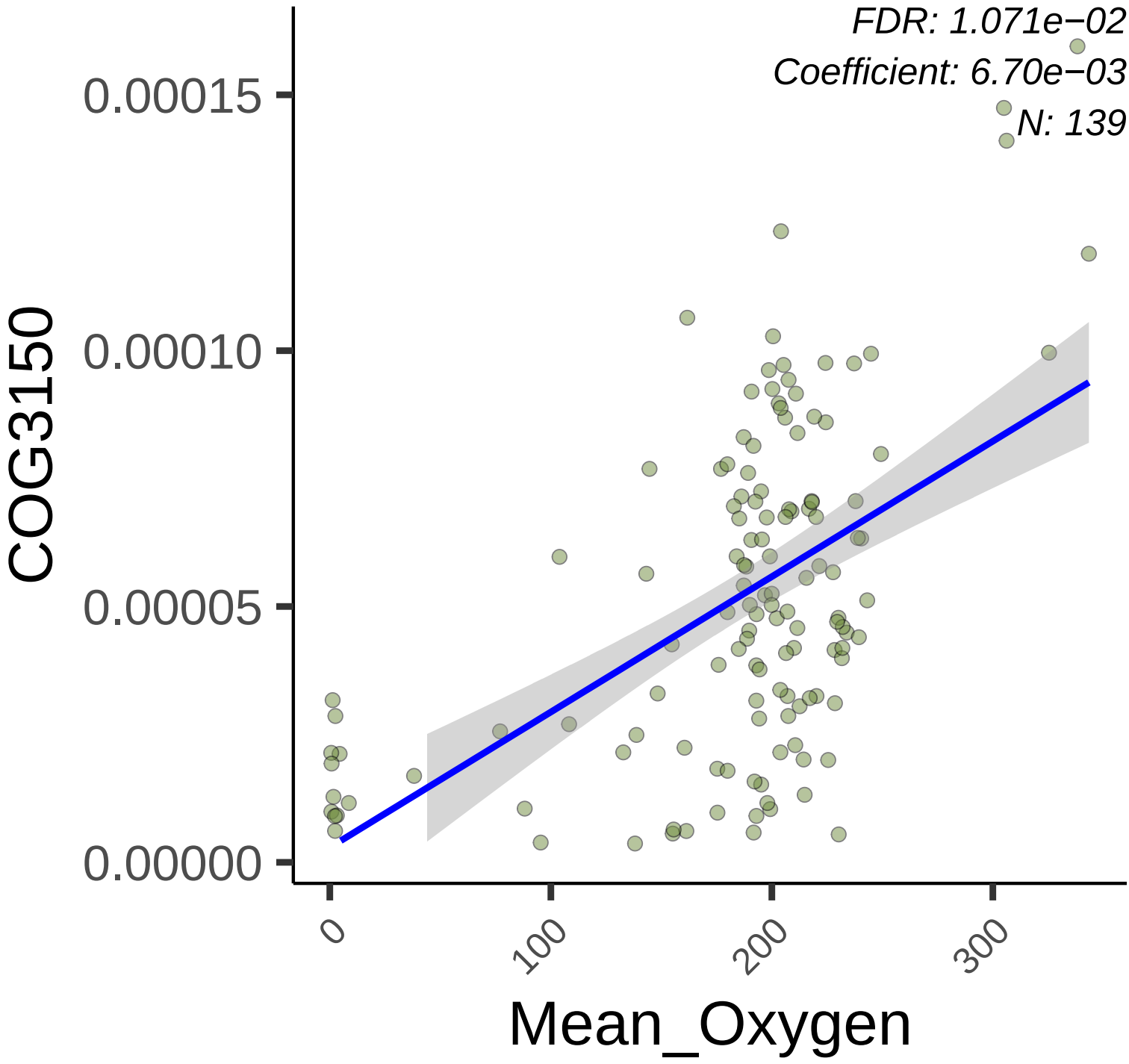
5e−04
4e−04
3e−04
COG2224
0
100
200
300
Mean_Oxygen


FDR: 1.071e−02
Coefficient: 6.70e−03
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COG3150
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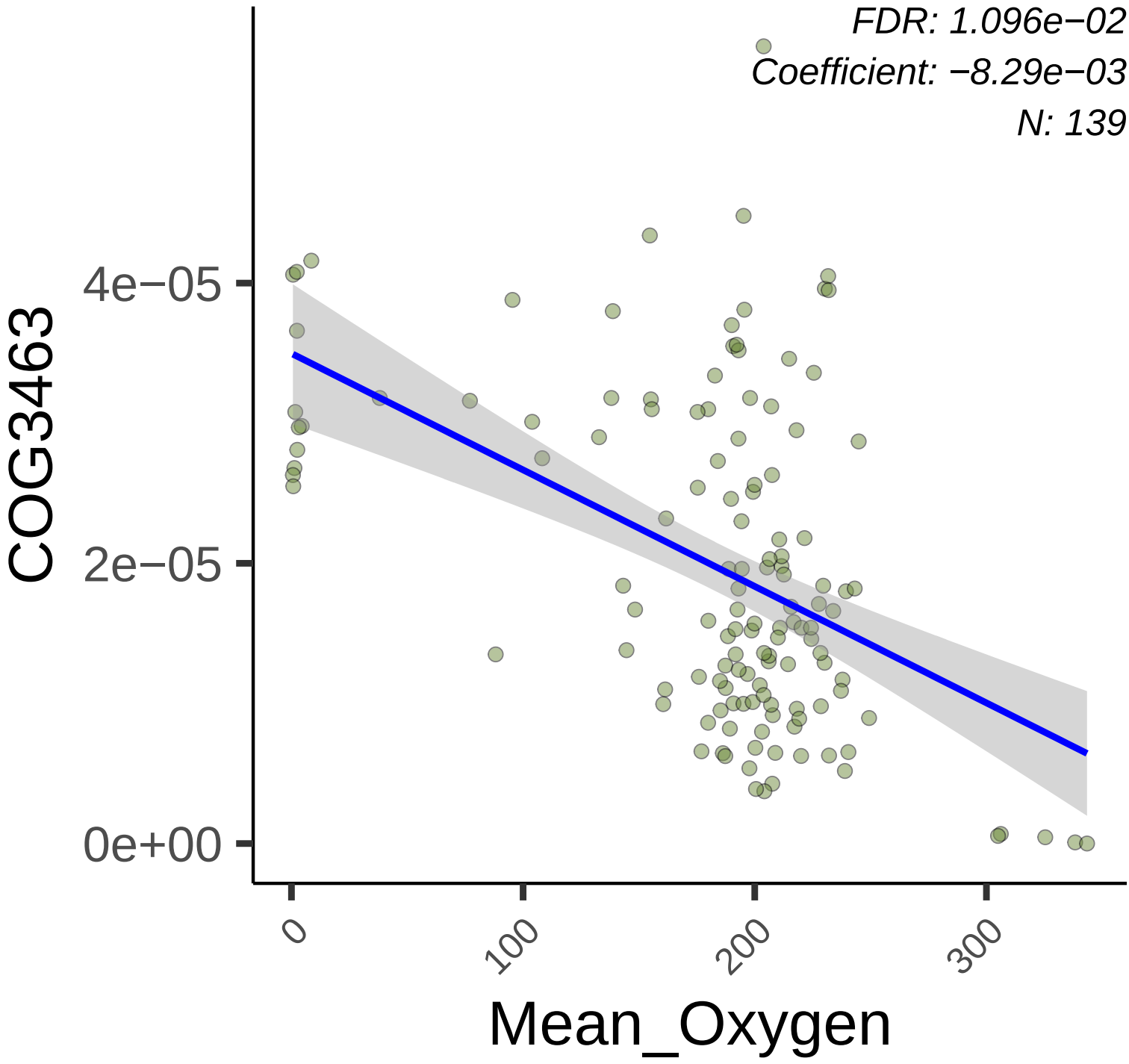
Mean_Oxygen


FDR: 1.096e−02
Coefficient: −8.29e−03
N: 139
COG3463
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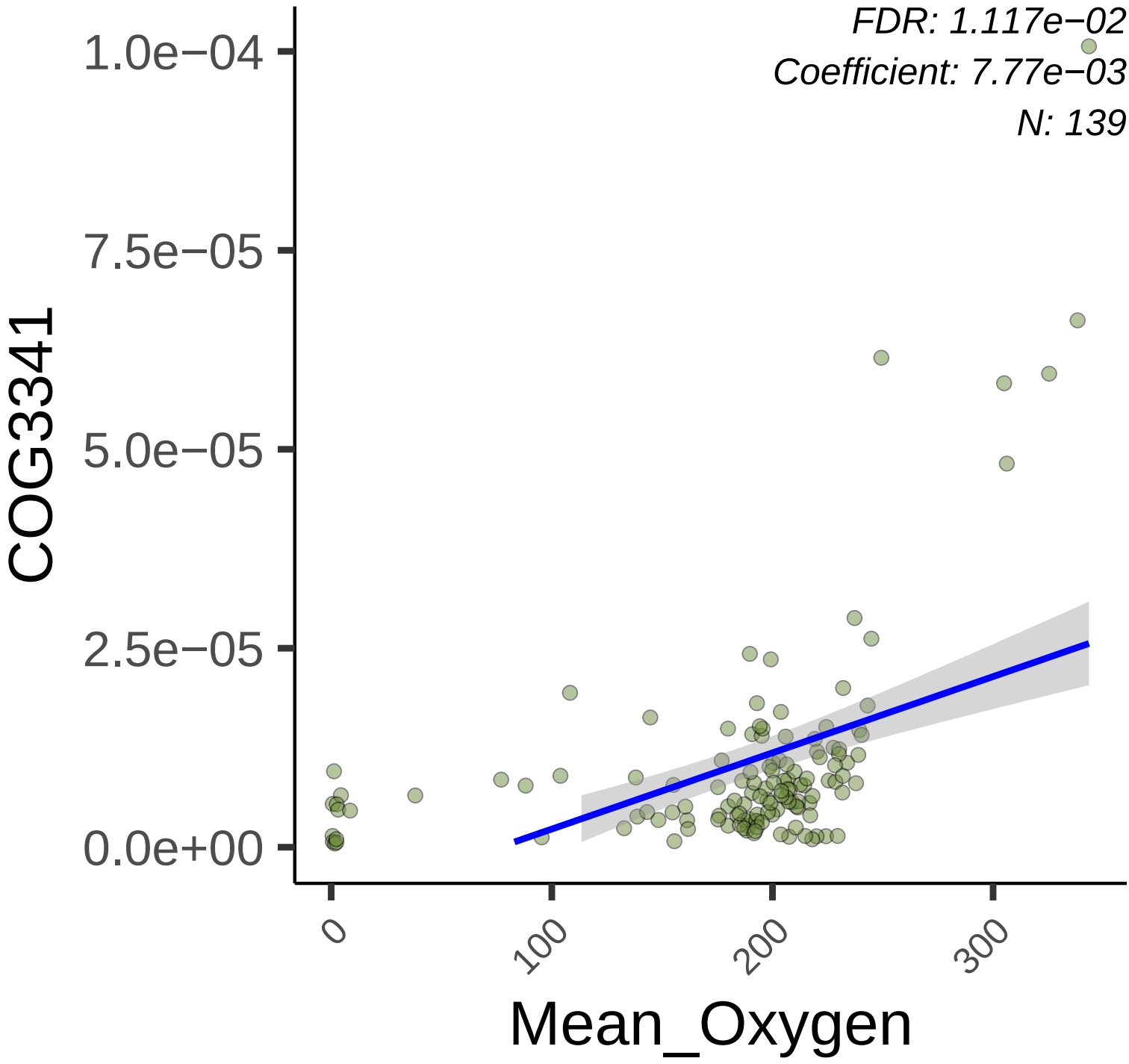
Mean_Oxygen


FDR: 1.117e−02
Coefficient: 7.77e−03
N: 139
1.0e−04
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COG3341
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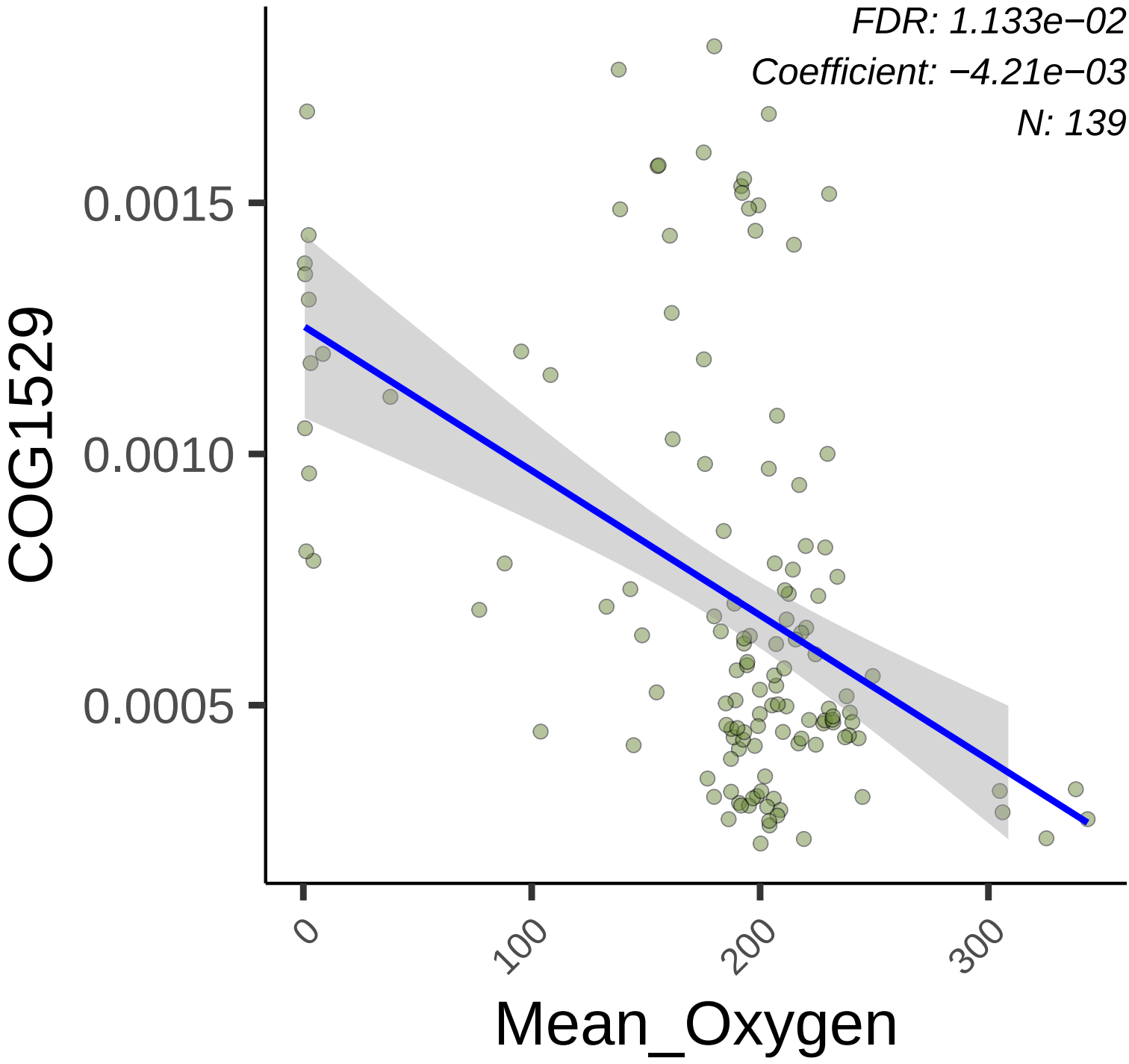
300
Mean_Oxygen


FDR: 1.133e−02
Coefficient: −4.21e−03
N: 139
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COG1529
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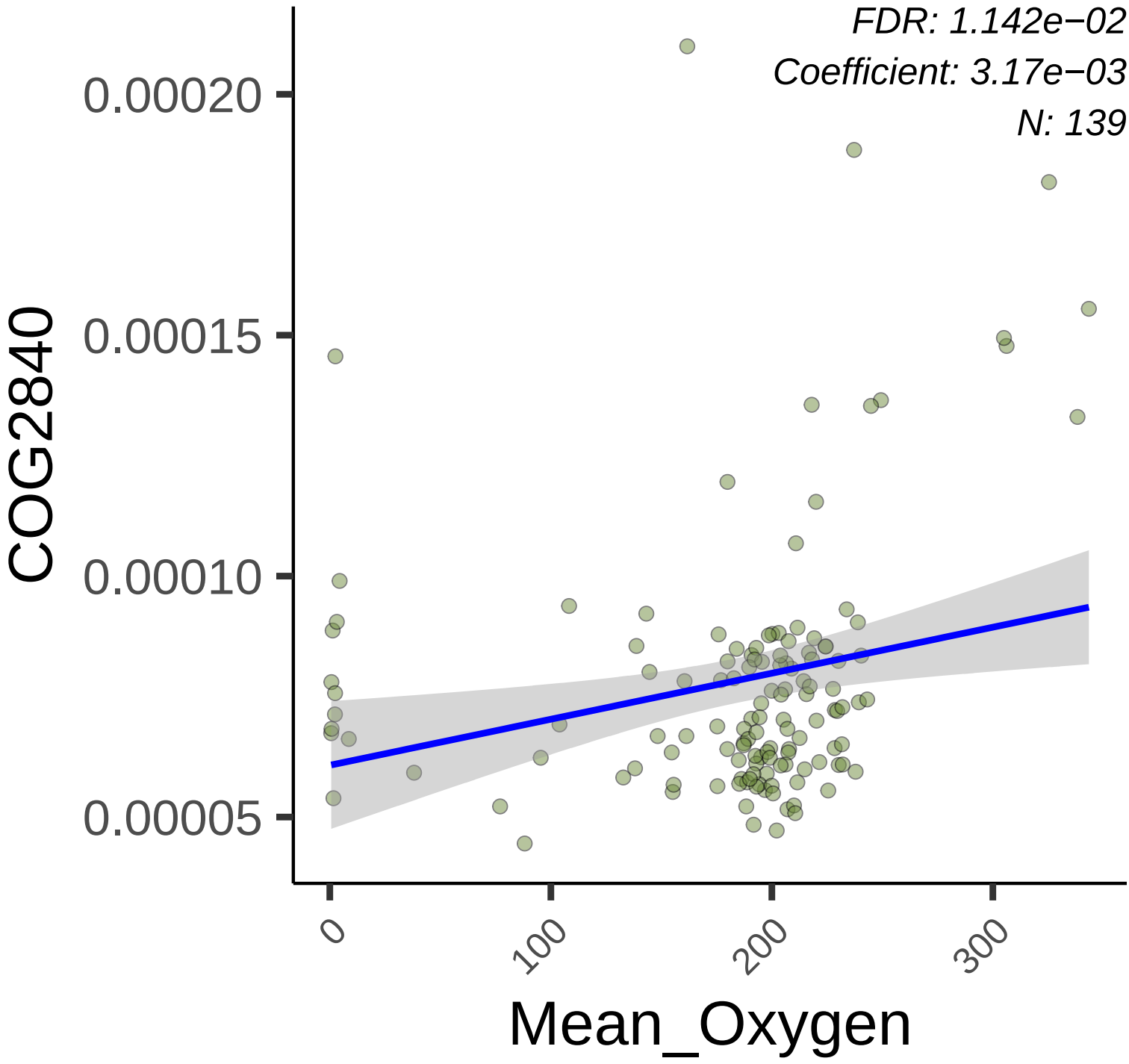
Mean_Oxygen


FDR: 1.142e−02
Coefficient: 3.17e−03
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COG2840
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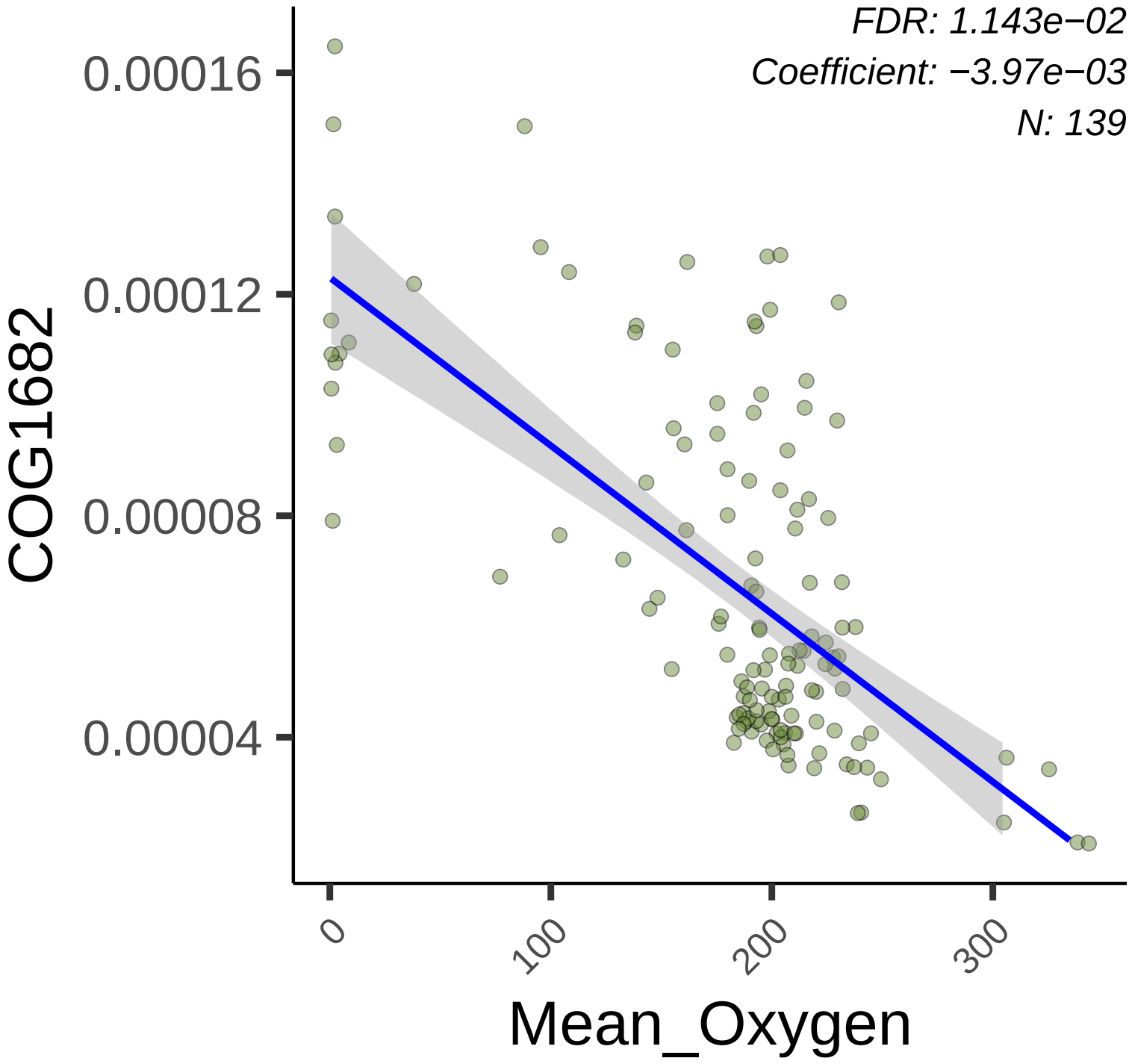
300
Mean_Oxygen


FDR: 1.143e−02
Coefficient: −3.97e−03
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COG1682
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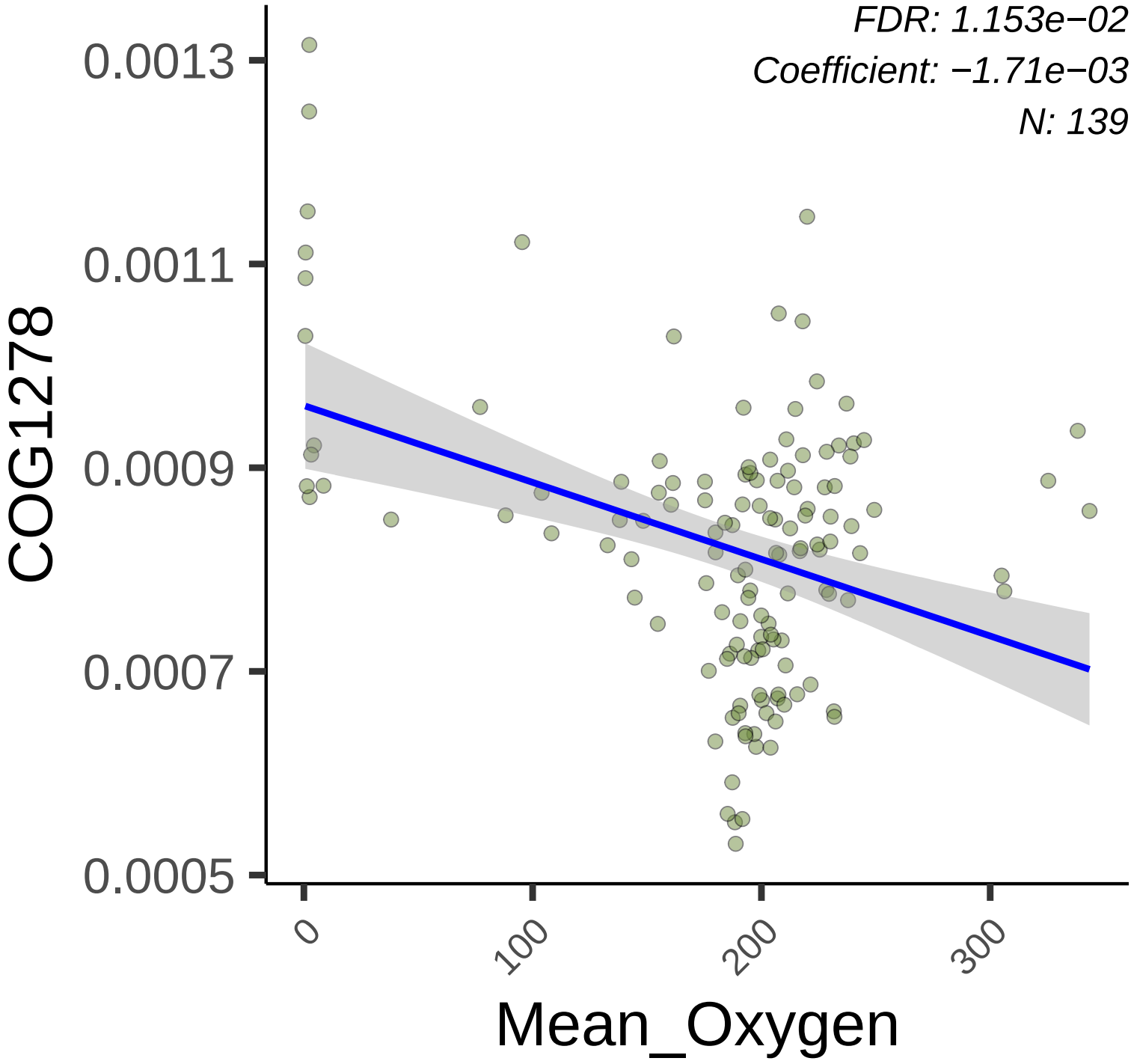
Mean_Oxygen


FDR: 1.153e−02
Coefficient: −1.71e−03
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0.0011
0.0009
0.0007
0.0005
COG1278
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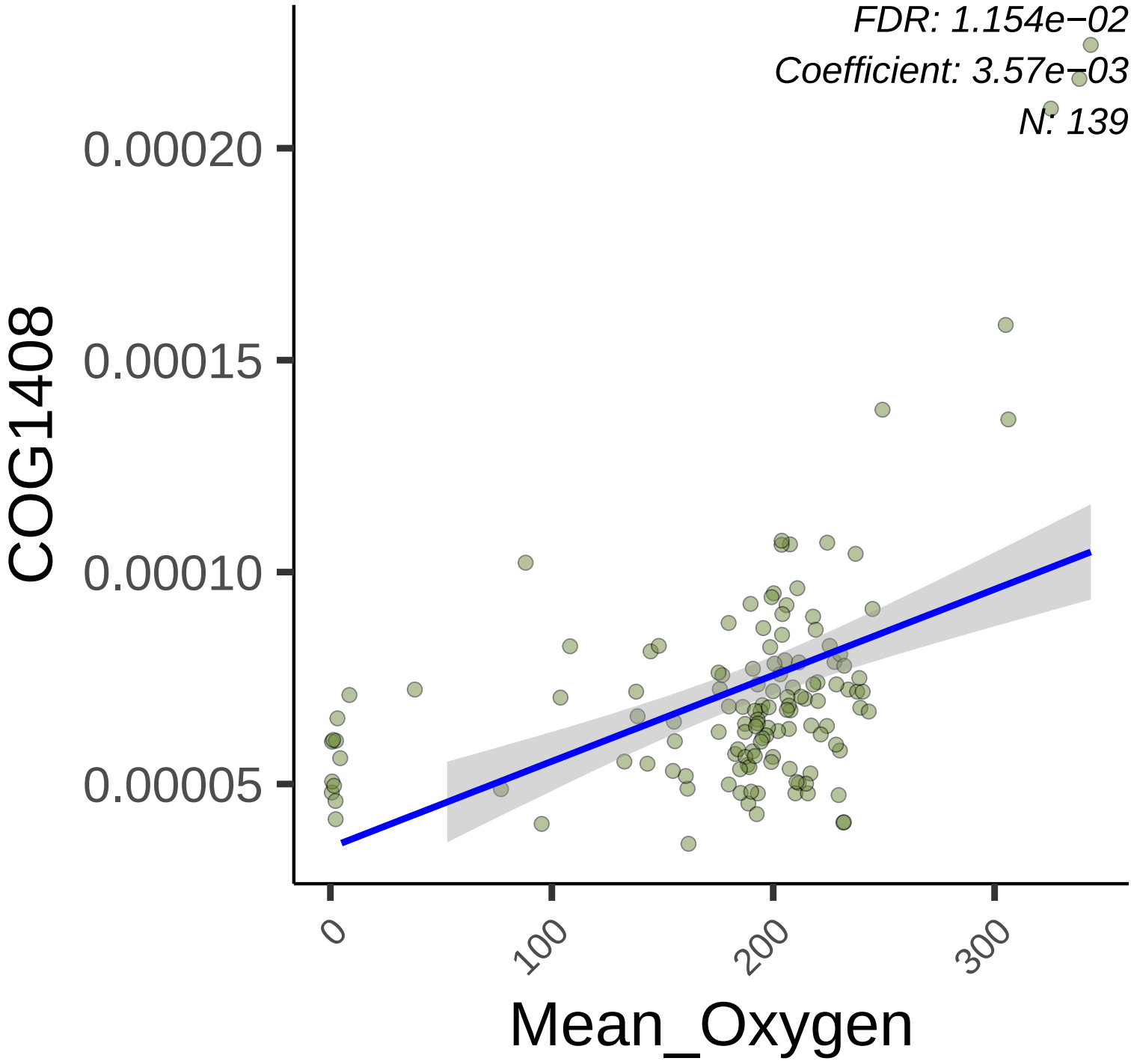
300
Mean_Oxygen


FDR: 1.154e−02
Coefficient: 3.57e−03
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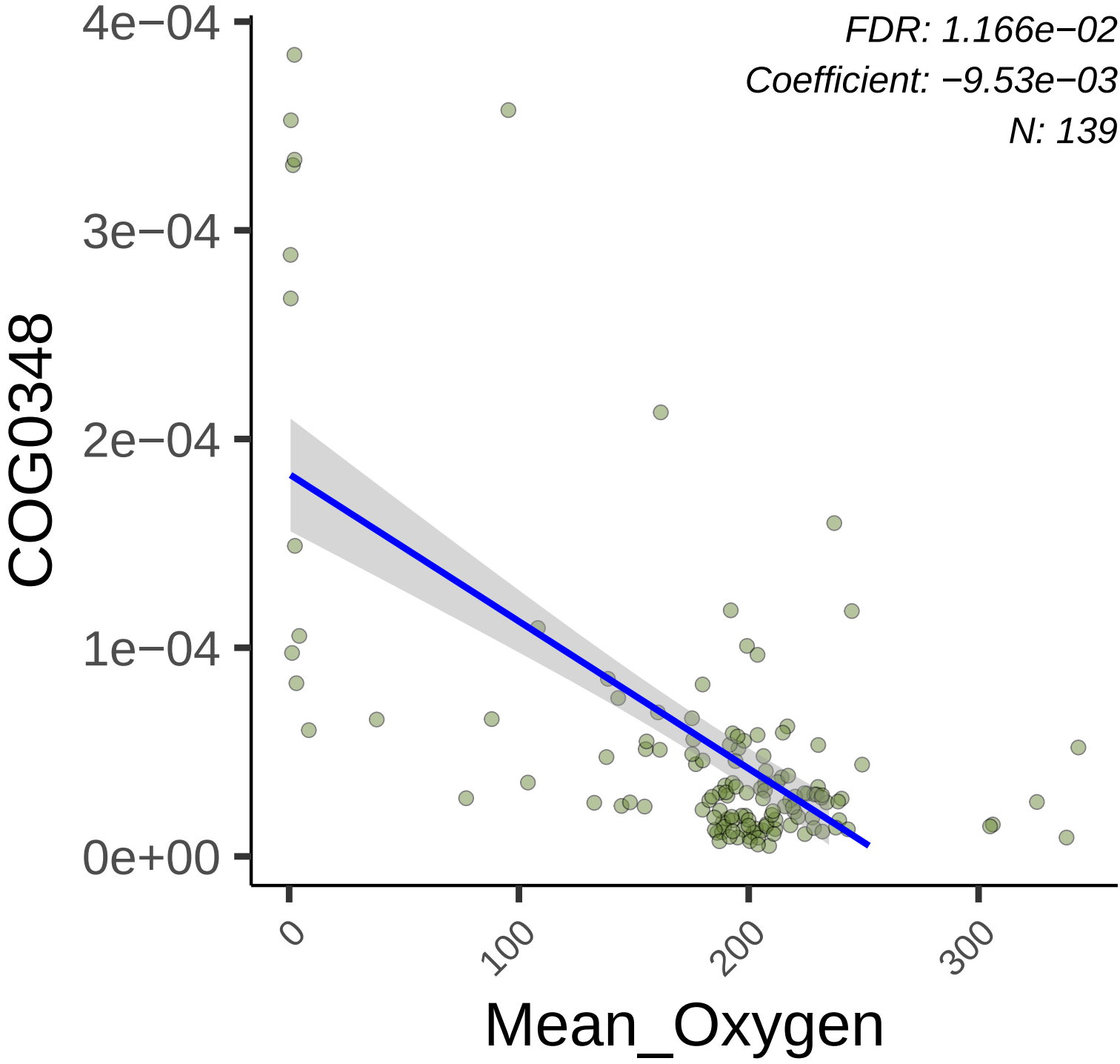
Mean_Oxygen


FDR: 1.166e−02
Coefficient: −9.53e−03
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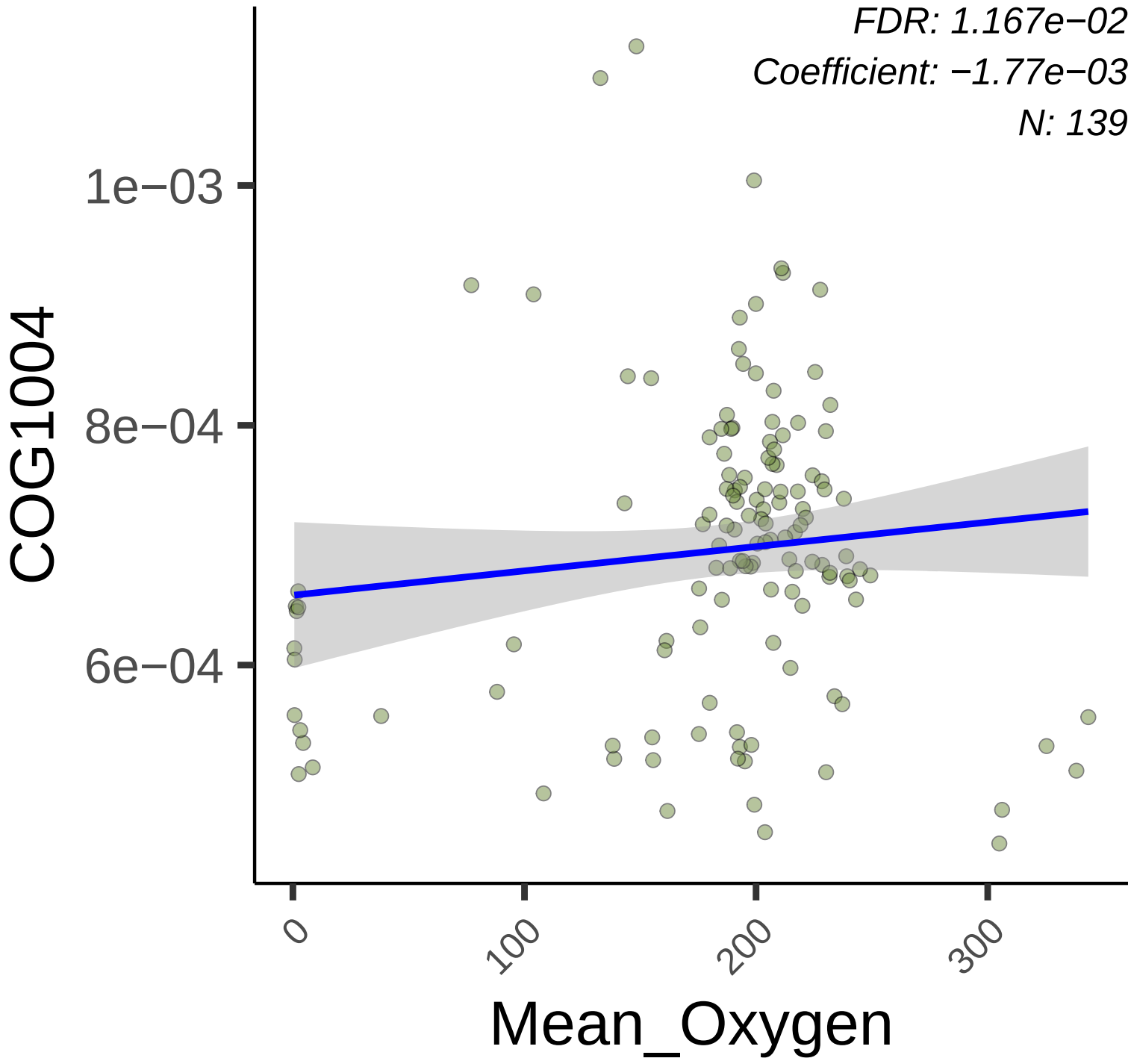
300
Mean_Oxygen


FDR: 1.167e−02
Coefficient: −1.77e−03
N: 139
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8e−04
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COG1004
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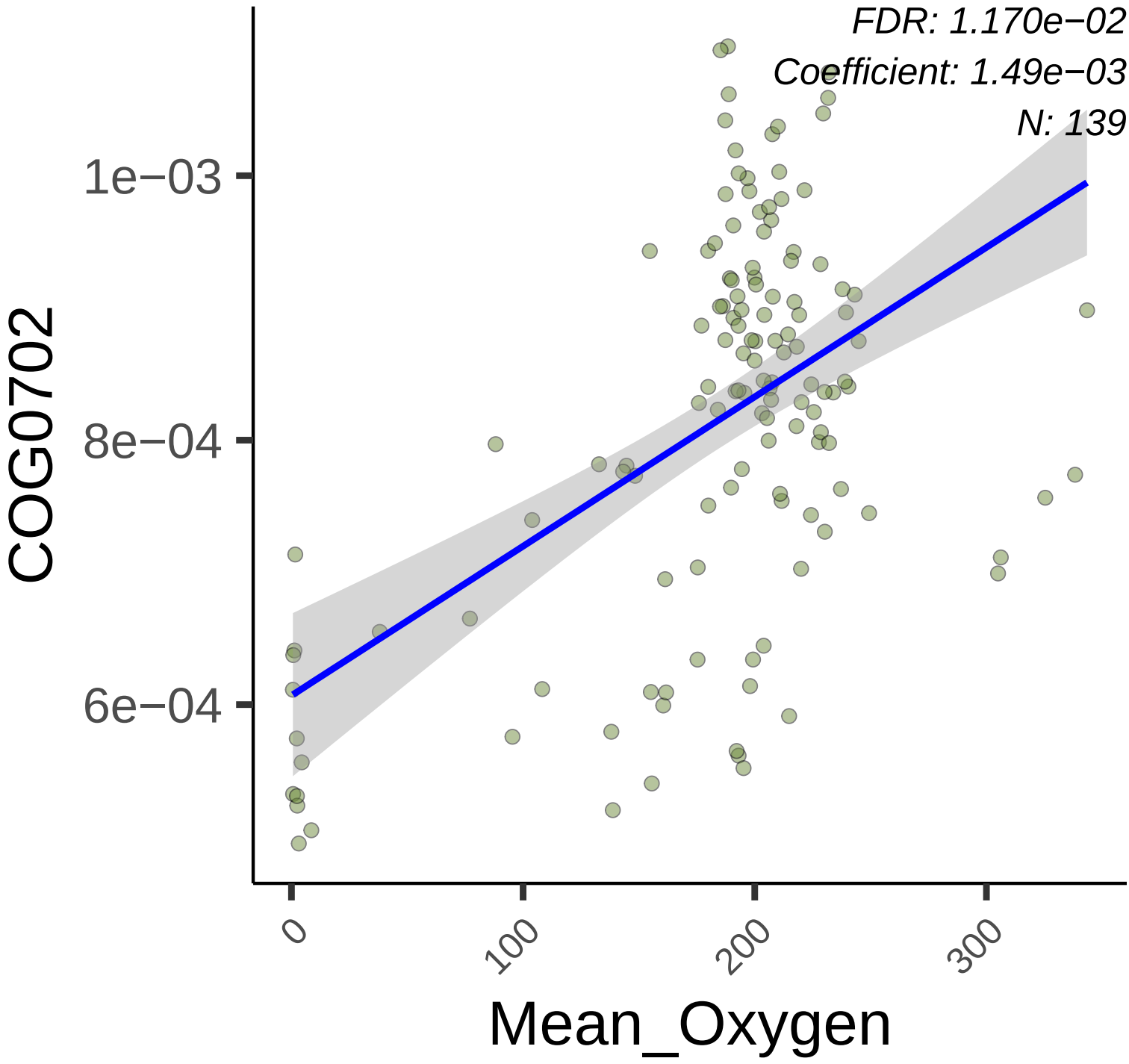
200
300
Mean_Oxygen


FDR: 1.170e−02
Coefficient: 1.49e−03
N: 139
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8e−04
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COG0702
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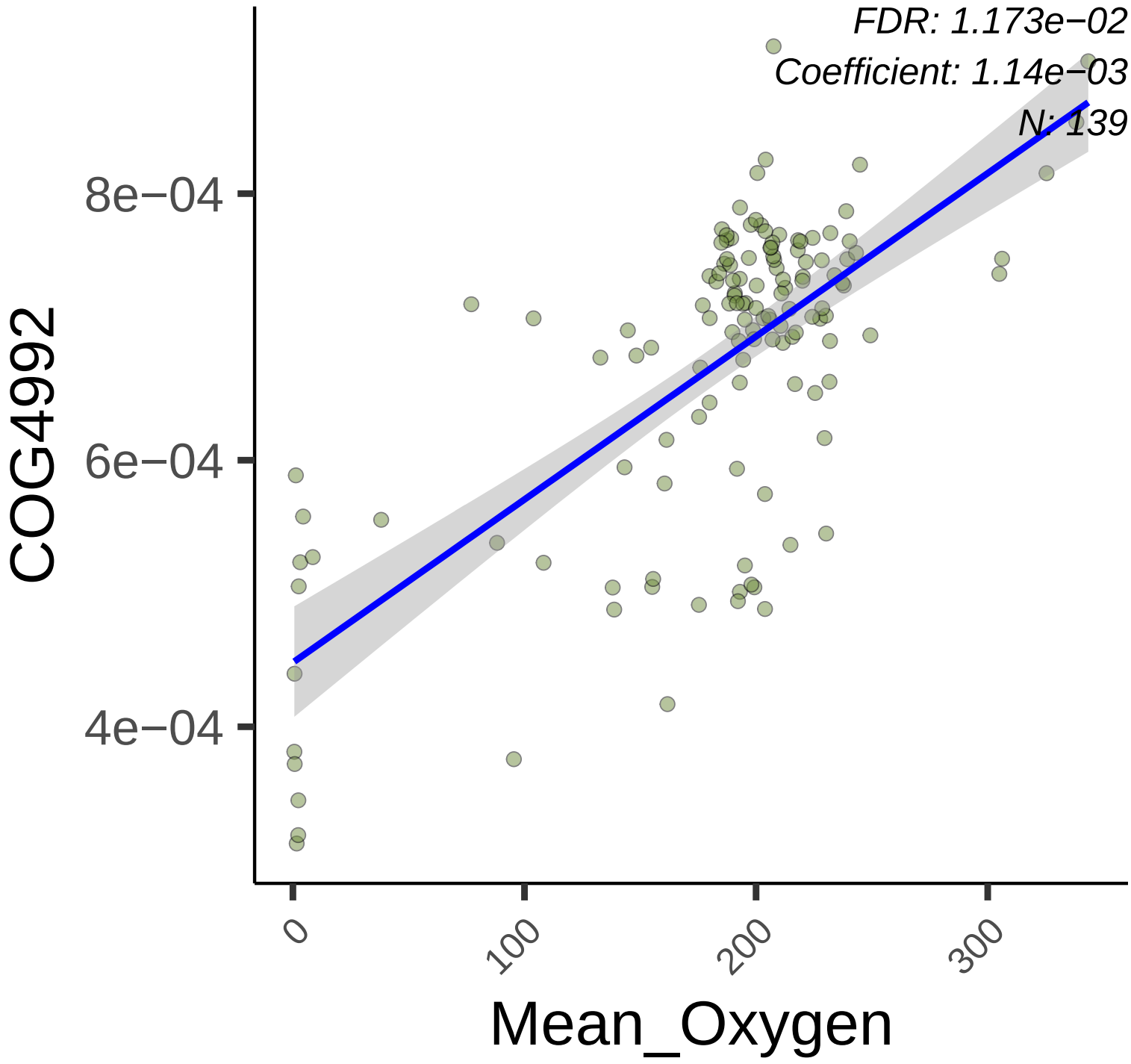
200
300
Mean_Oxygen


FDR: 1.173e−02
Coefficient: 1.14e−03
N: 139
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4e−04
COG4992
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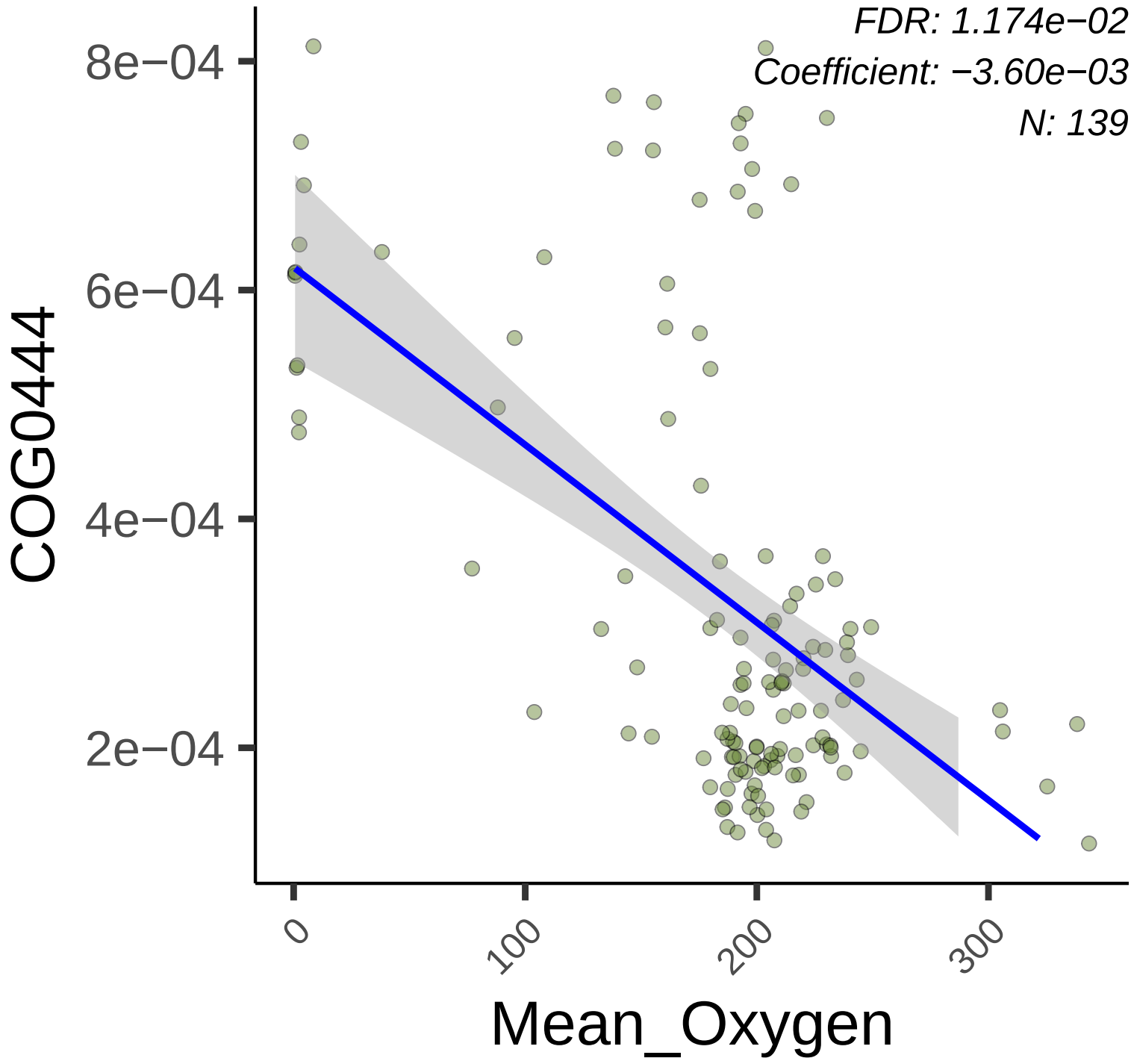
200
300
Mean_Oxygen


FDR: 1.174e−02
Coefficient: −3.60e−03
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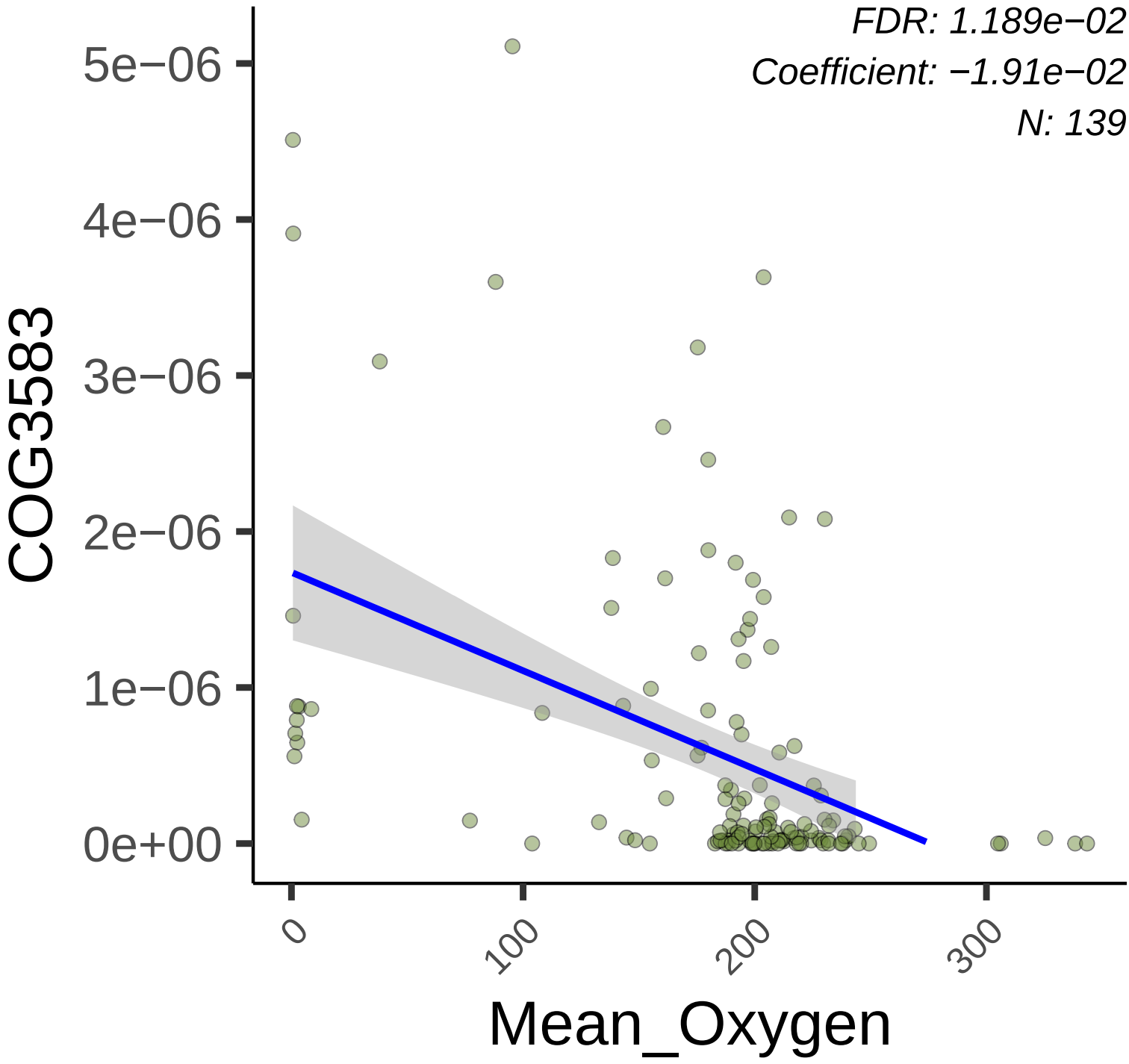
300
Mean_Oxygen


FDR: 1.189e−02
Coefficient: −1.91e−02
N: 139
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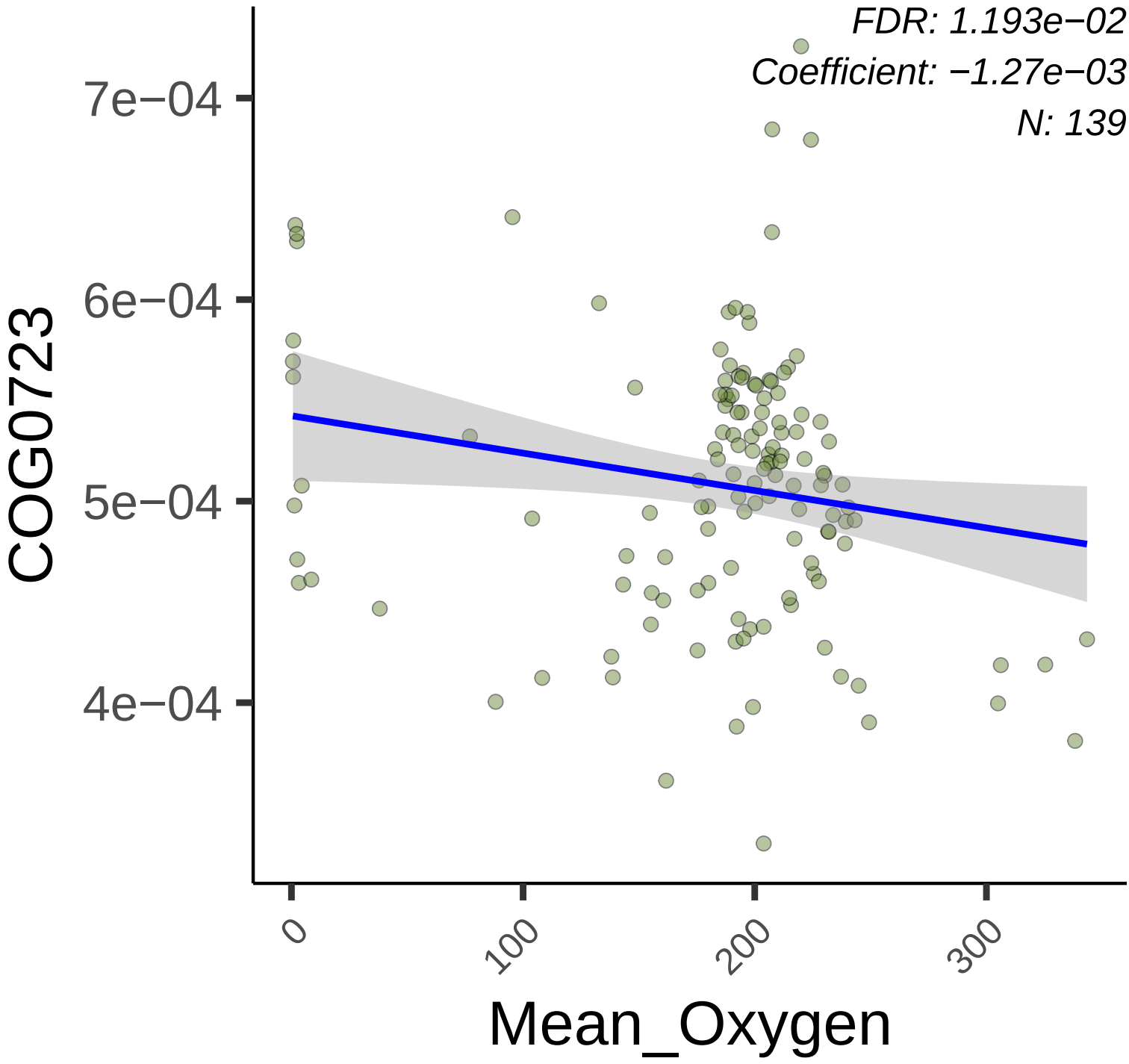
200
300
Mean_Oxygen


FDR: 1.193e−02
Coefficient: −1.27e−03
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6e−04
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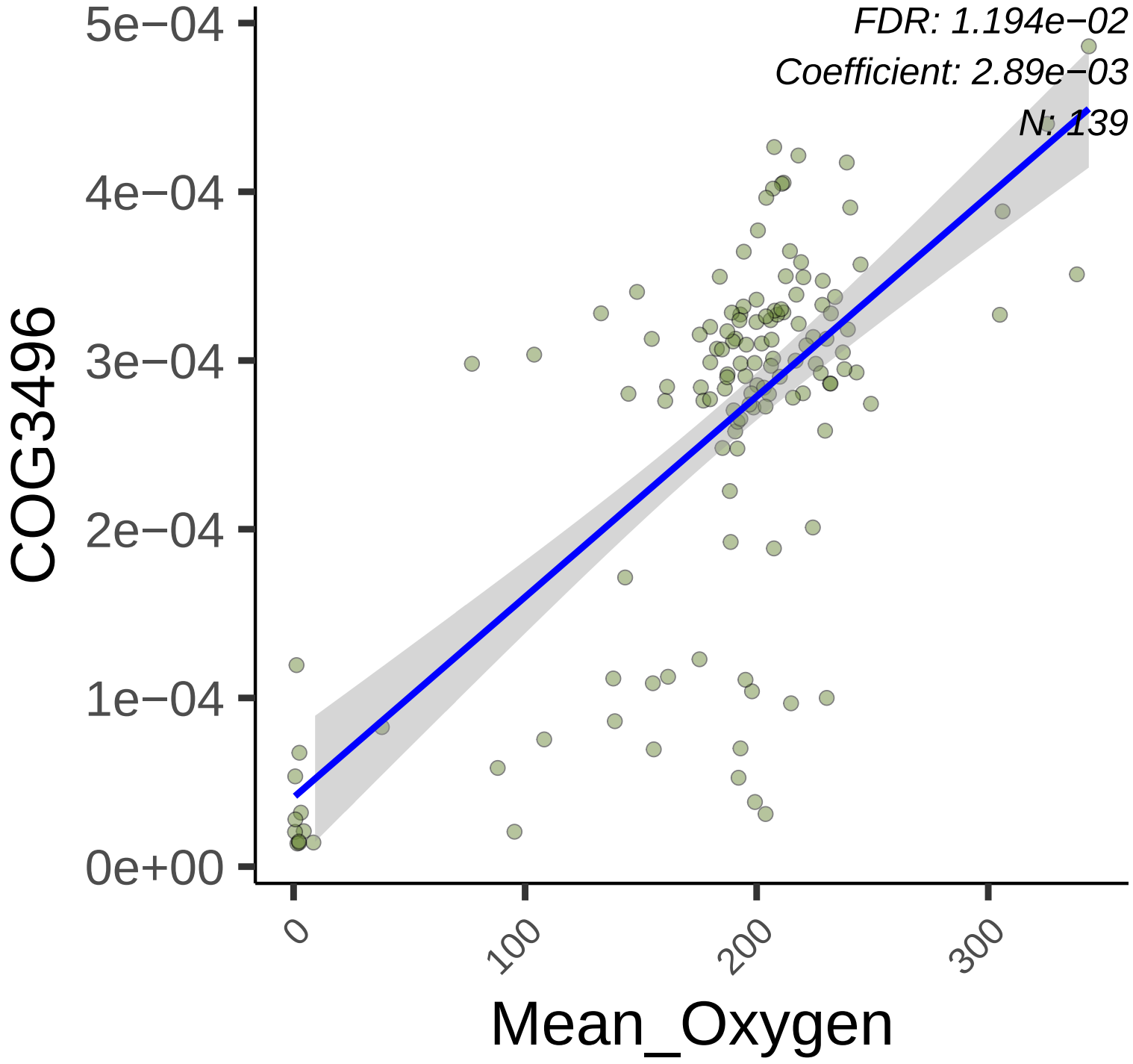
200
300
Mean_Oxygen


FDR: 1.194e−02
Coefficient: 2.89e−03
N: 139
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3e−04
2e−04
1e−04
0e+00
COG3496
0
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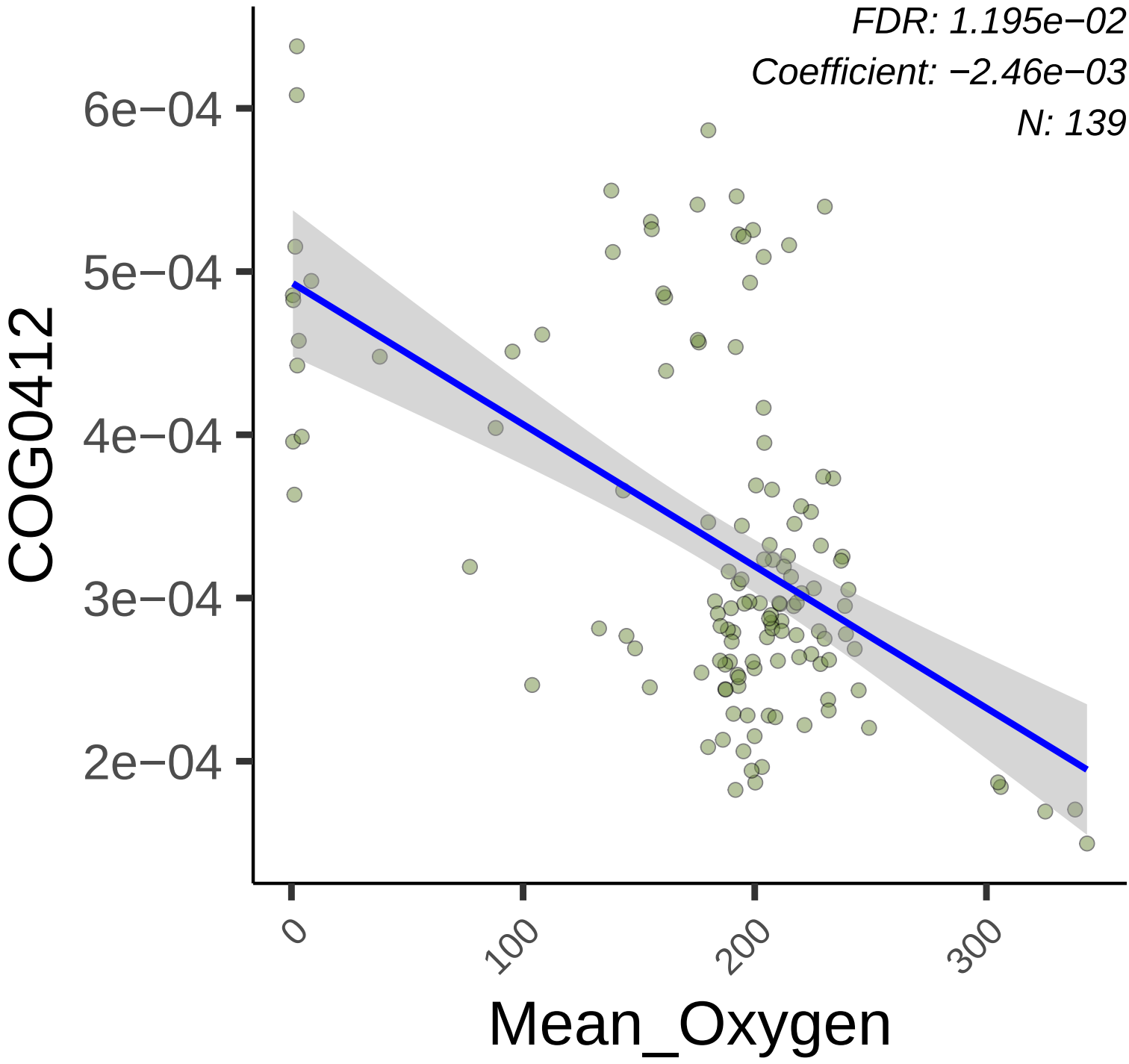
200
300
Mean_Oxygen


FDR: 1.195e−02
Coefficient: −2.46e−03
N: 139
COG0412
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5e−04
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2e−04
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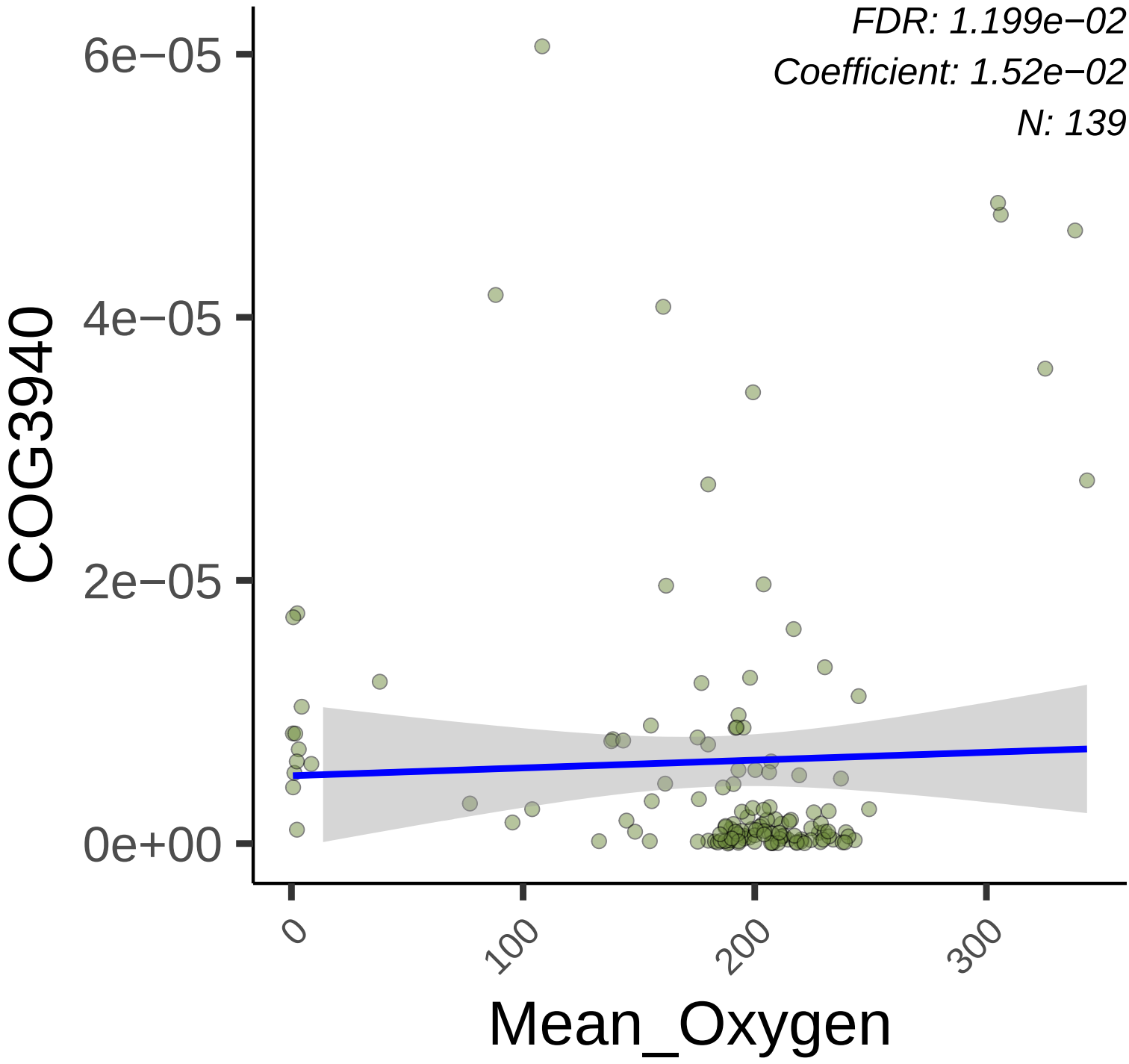
200
300
Mean_Oxygen


FDR: 1.199e−02
Coefficient: 1.52e−02
N: 139
COG3940
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4e−05
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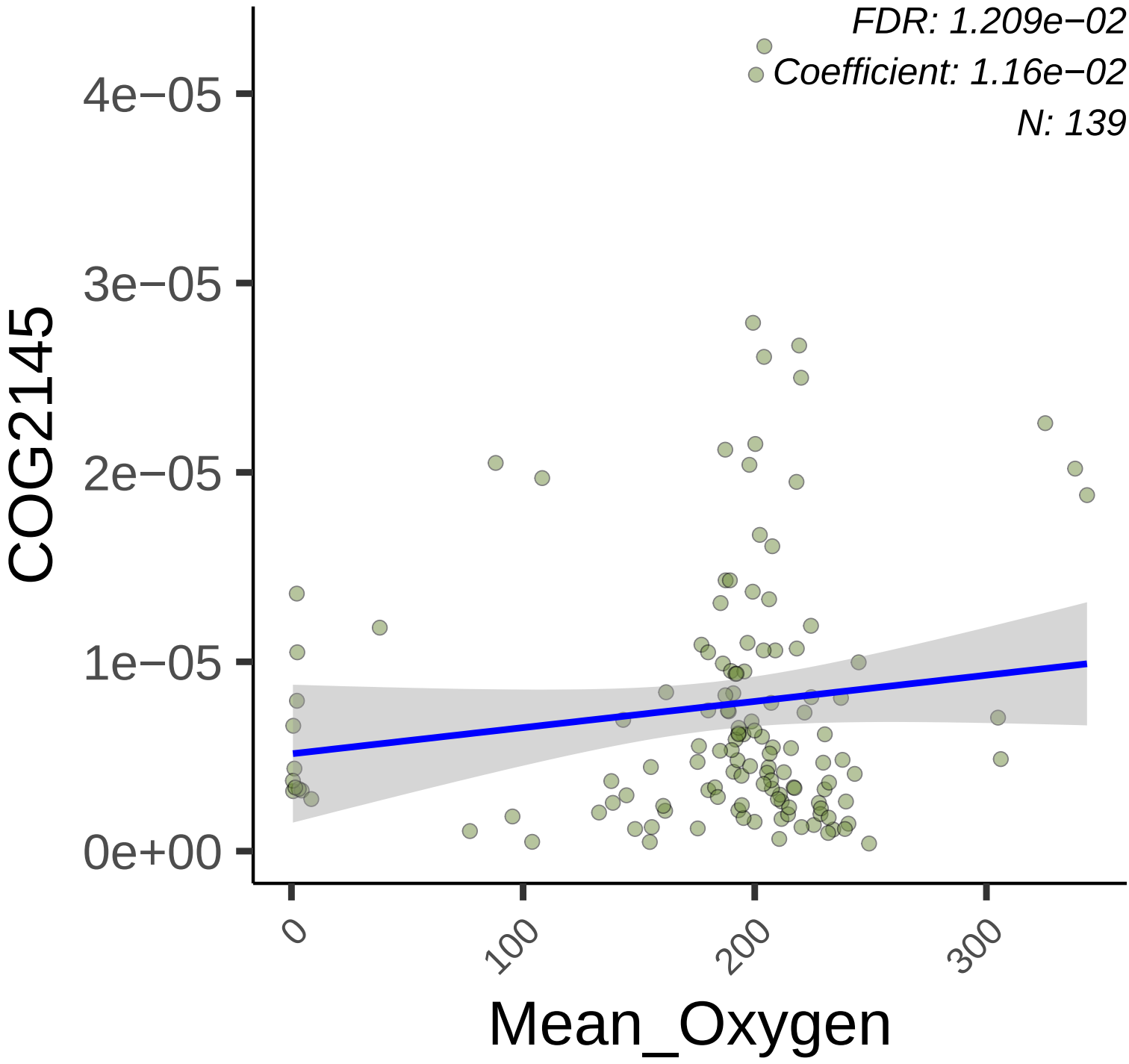
200
300
Mean_Oxygen


FDR: 1.209e−02
Coefficient: 1.16e−02
N: 139
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2e−05
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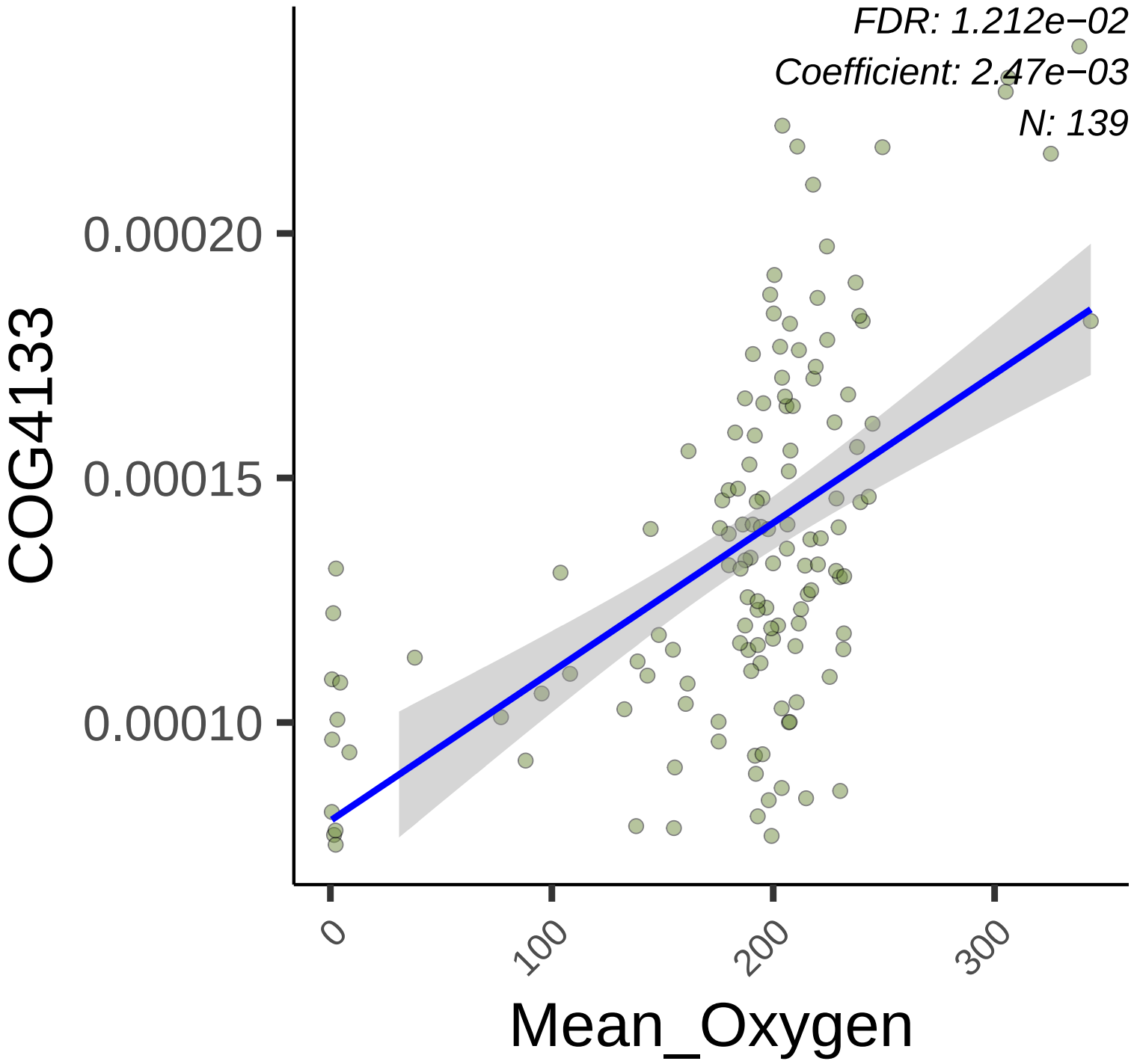
200
300
Mean_Oxygen


FDR: 1.212e−02
Coefficient: 2.47e−03
N: 139
COG4133
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0.00015
0.00010
0
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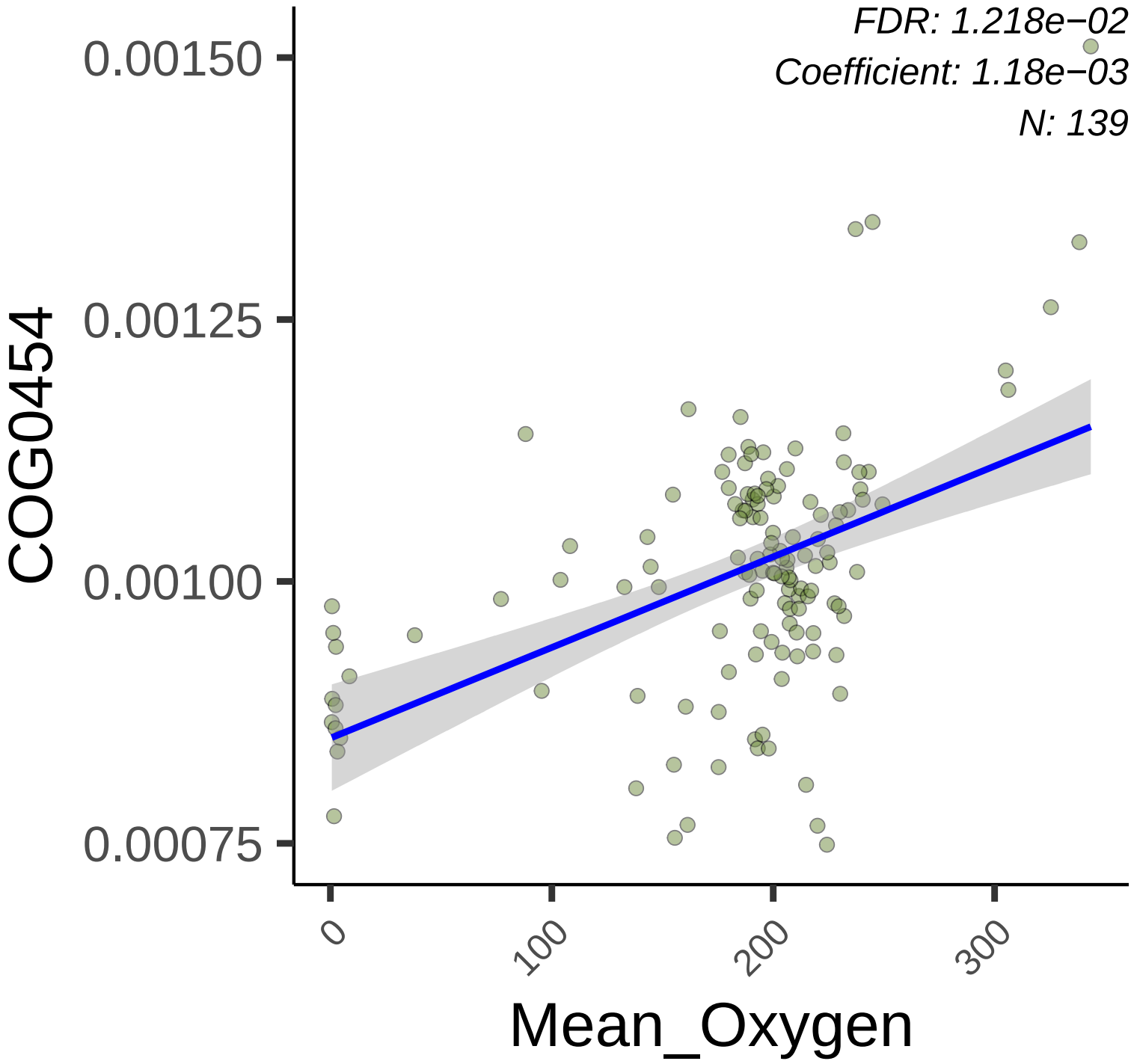
200
300
Mean_Oxygen


FDR: 1.218e−02
Coefficient: 1.18e−03
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0.00125
0.00100
0.00075
COG0454
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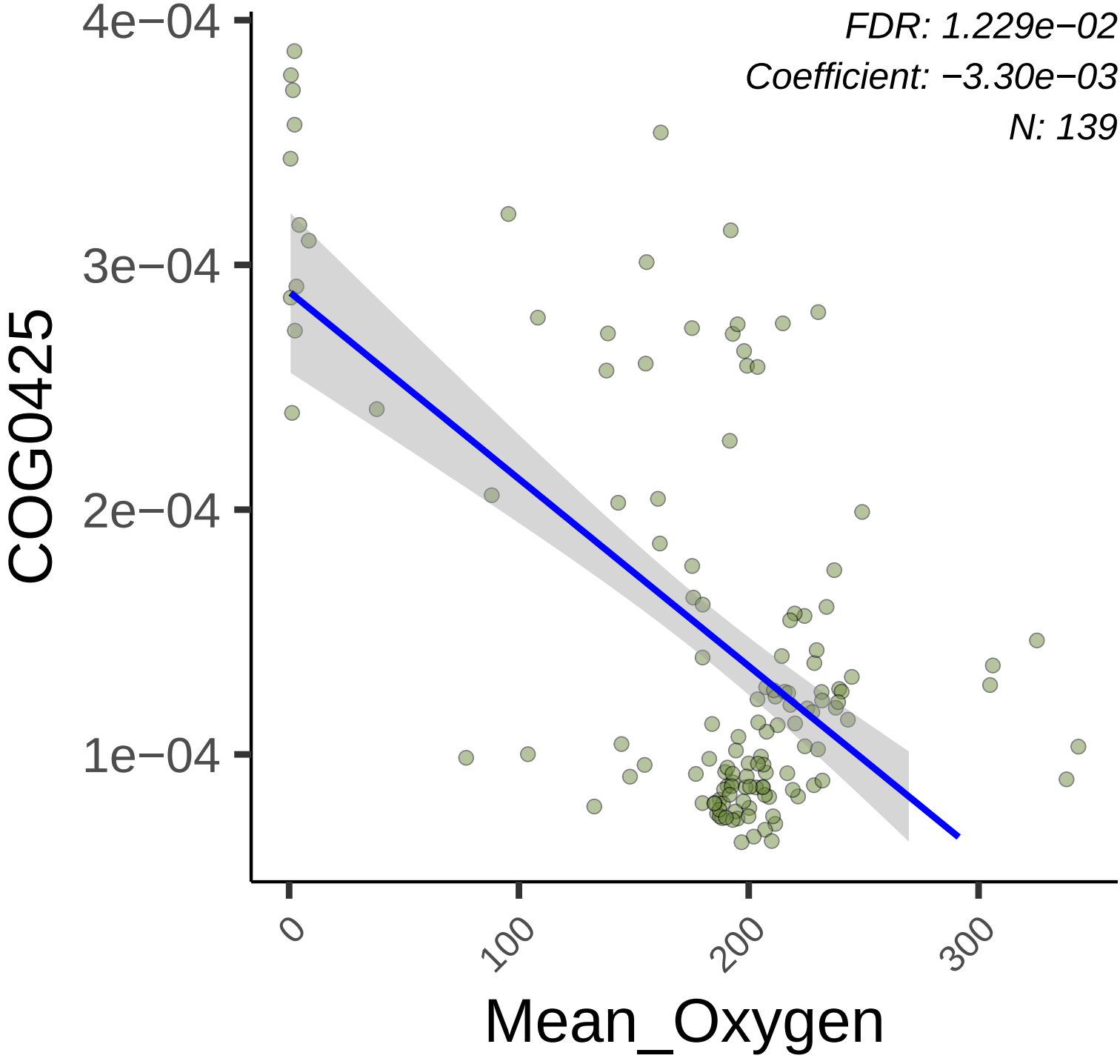
200
300
Mean_Oxygen


FDR: 1.229e−02
Coefficient: −3.30e−03
N: 139
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3e−04
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1e−04
COG0425
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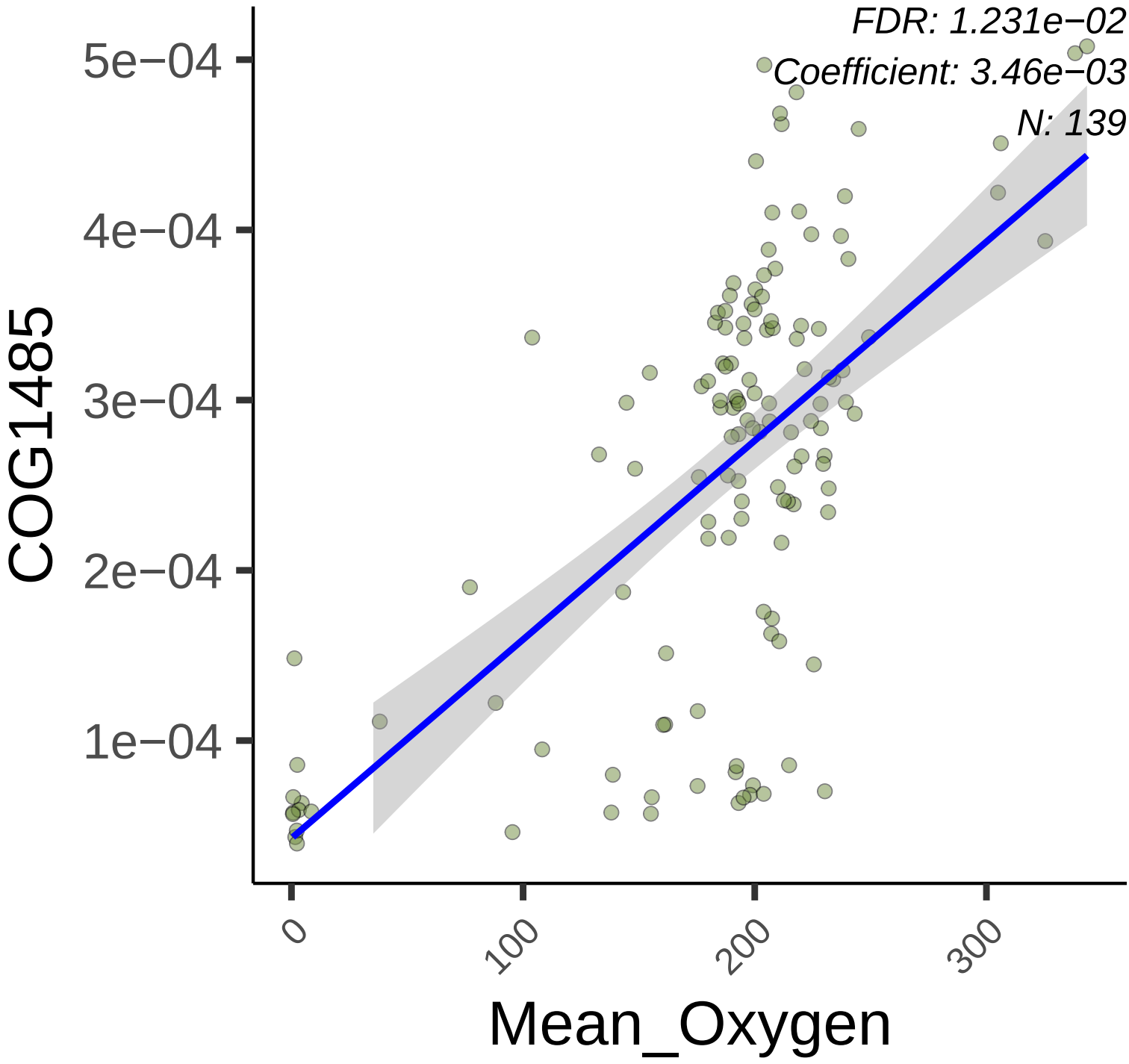
200
300
Mean_Oxygen


FDR: 1.231e−02
Coefficient: 3.46e−03
N: 139
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2e−04
1e−04
COG1485
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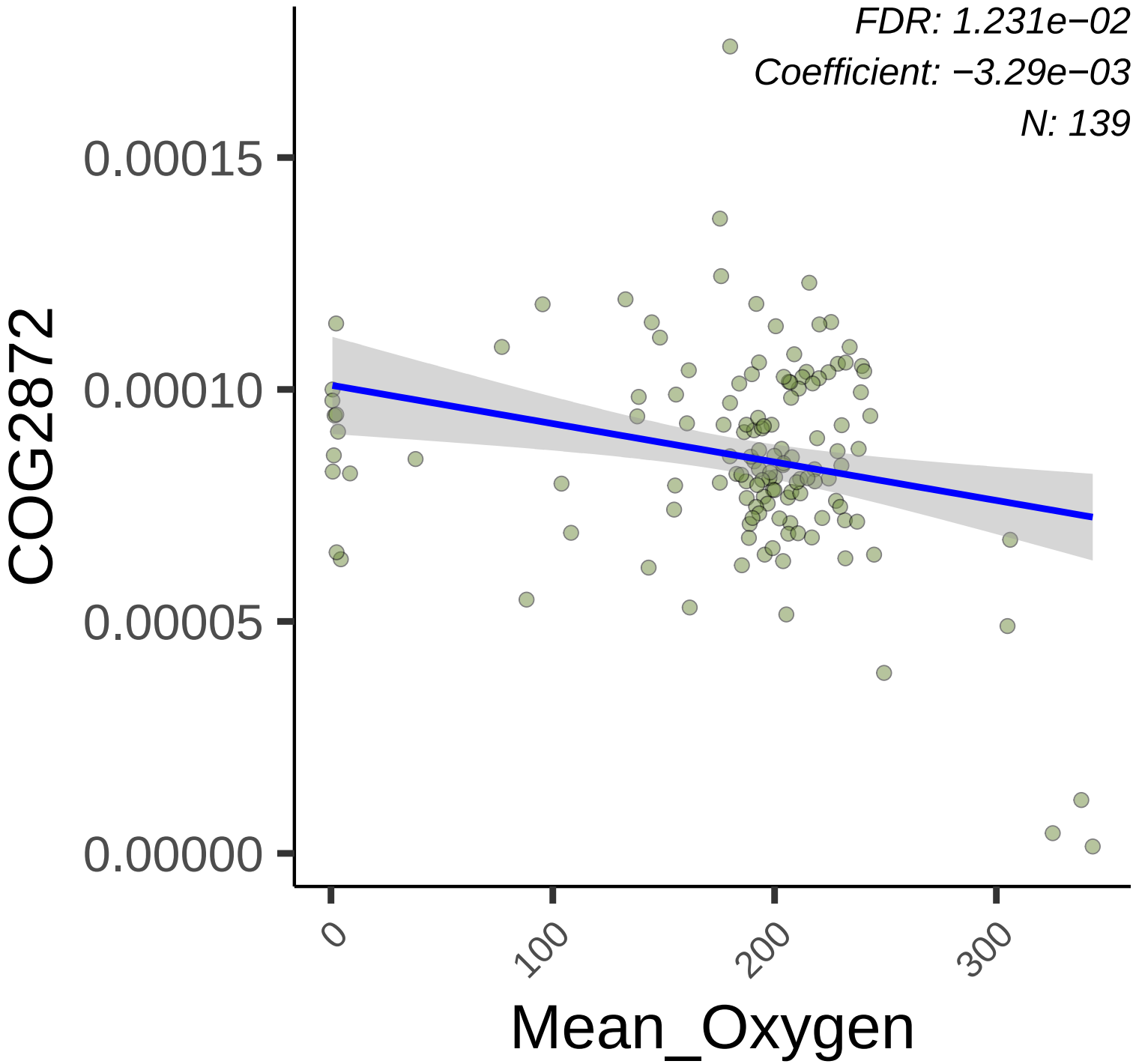
200
300
Mean_Oxygen


FDR: 1.231e−02
Coefficient: −3.29e−03
N: 139
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0.00000
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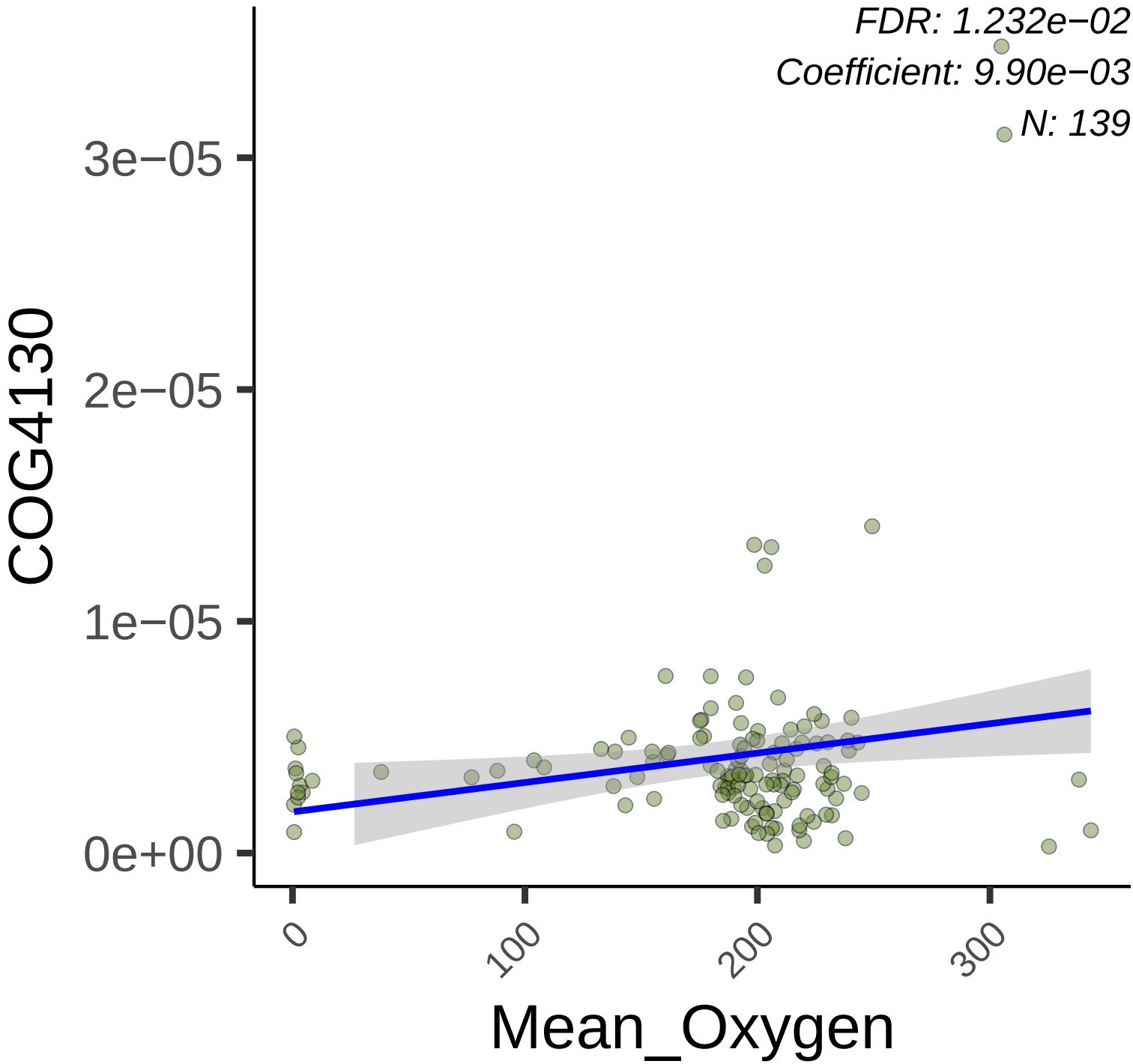
200
300
Mean_Oxygen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Coefficient: 9.90e−03
N: 139
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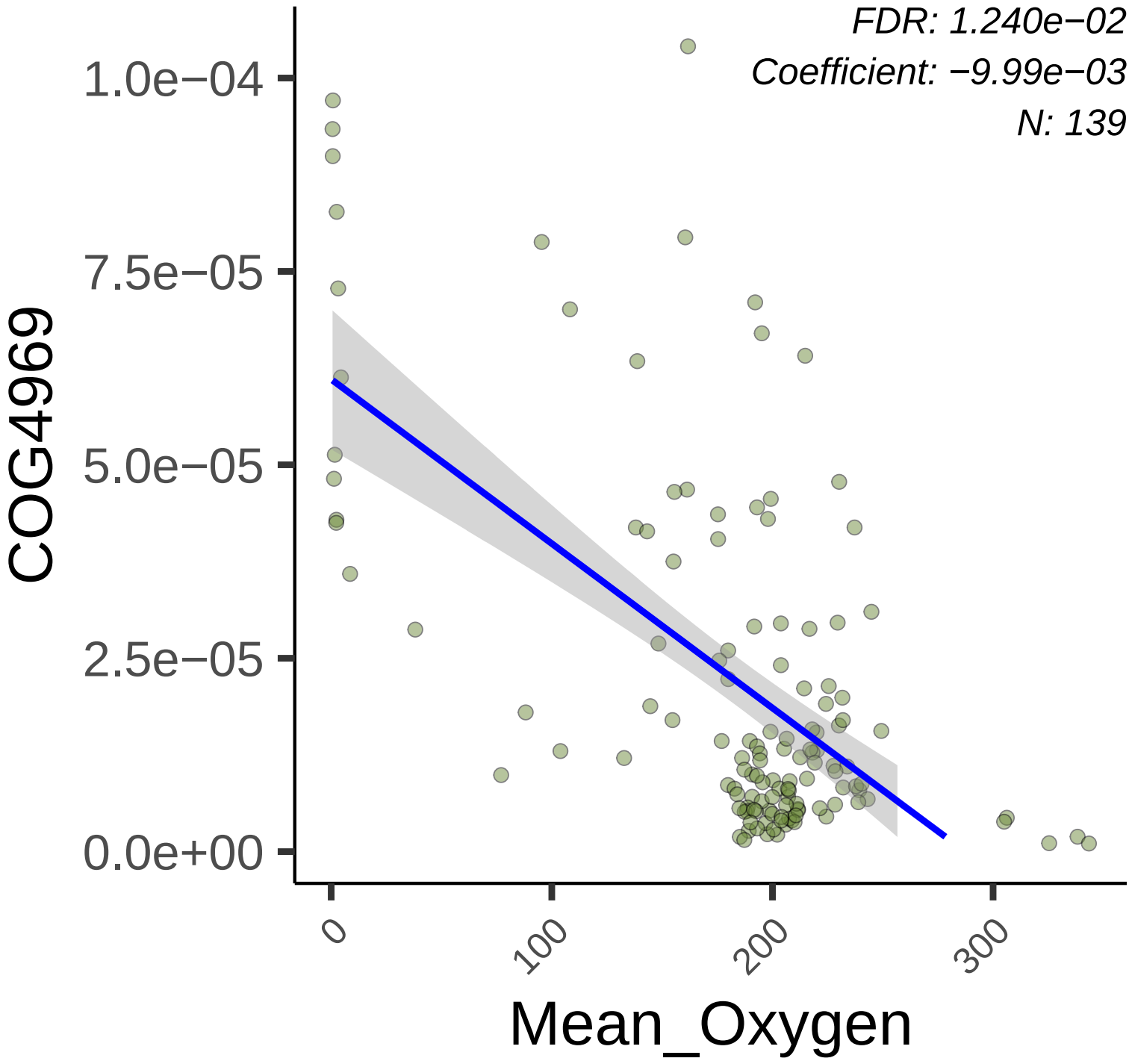
300
Mean_Oxygen


FDR: 1.240e−02
Coefficient: −9.99e−03
N: 139
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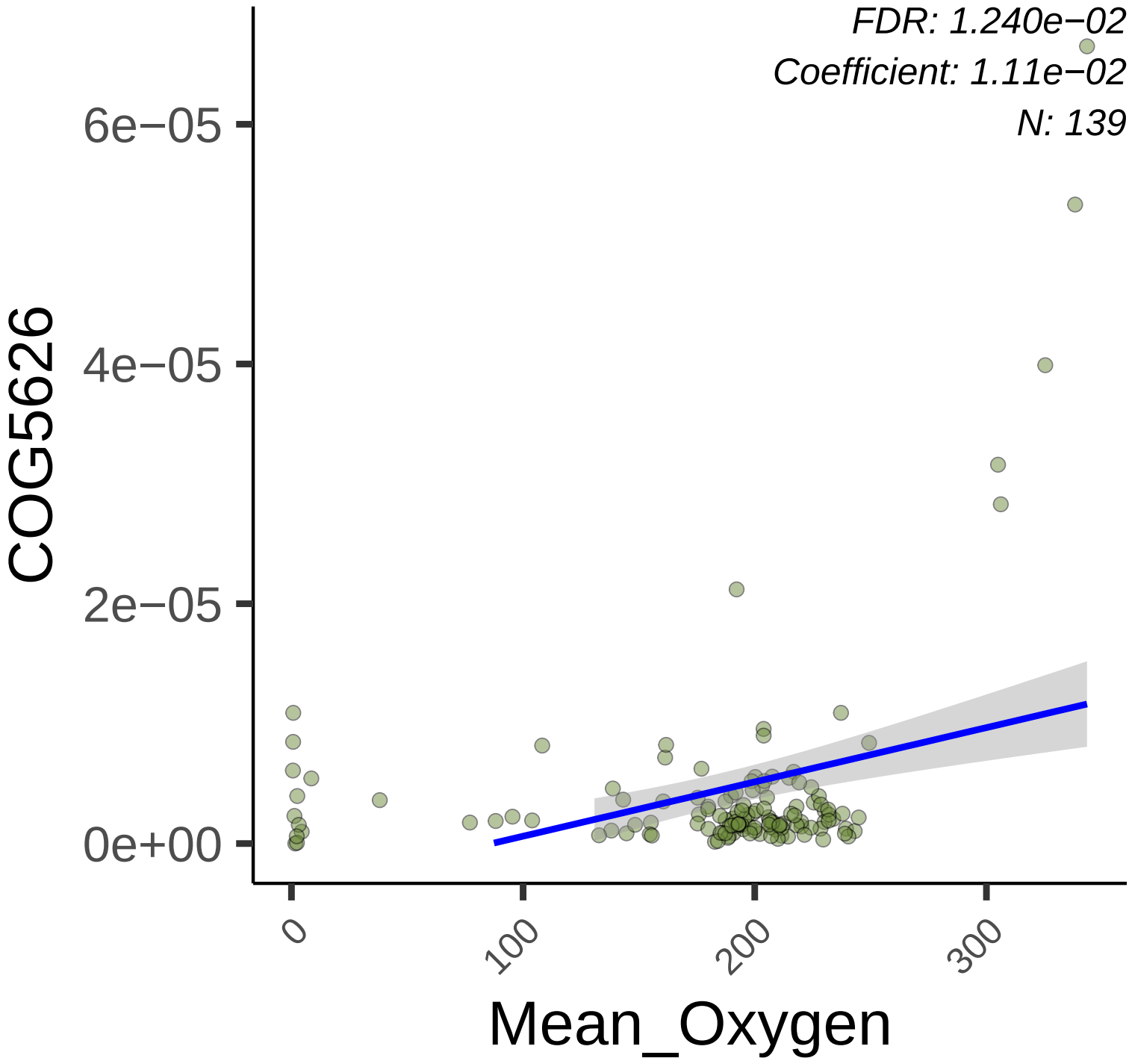
200
300
Mean_Oxygen


FDR: 1.240e−02
Coefficient: 1.11e−02
N: 139
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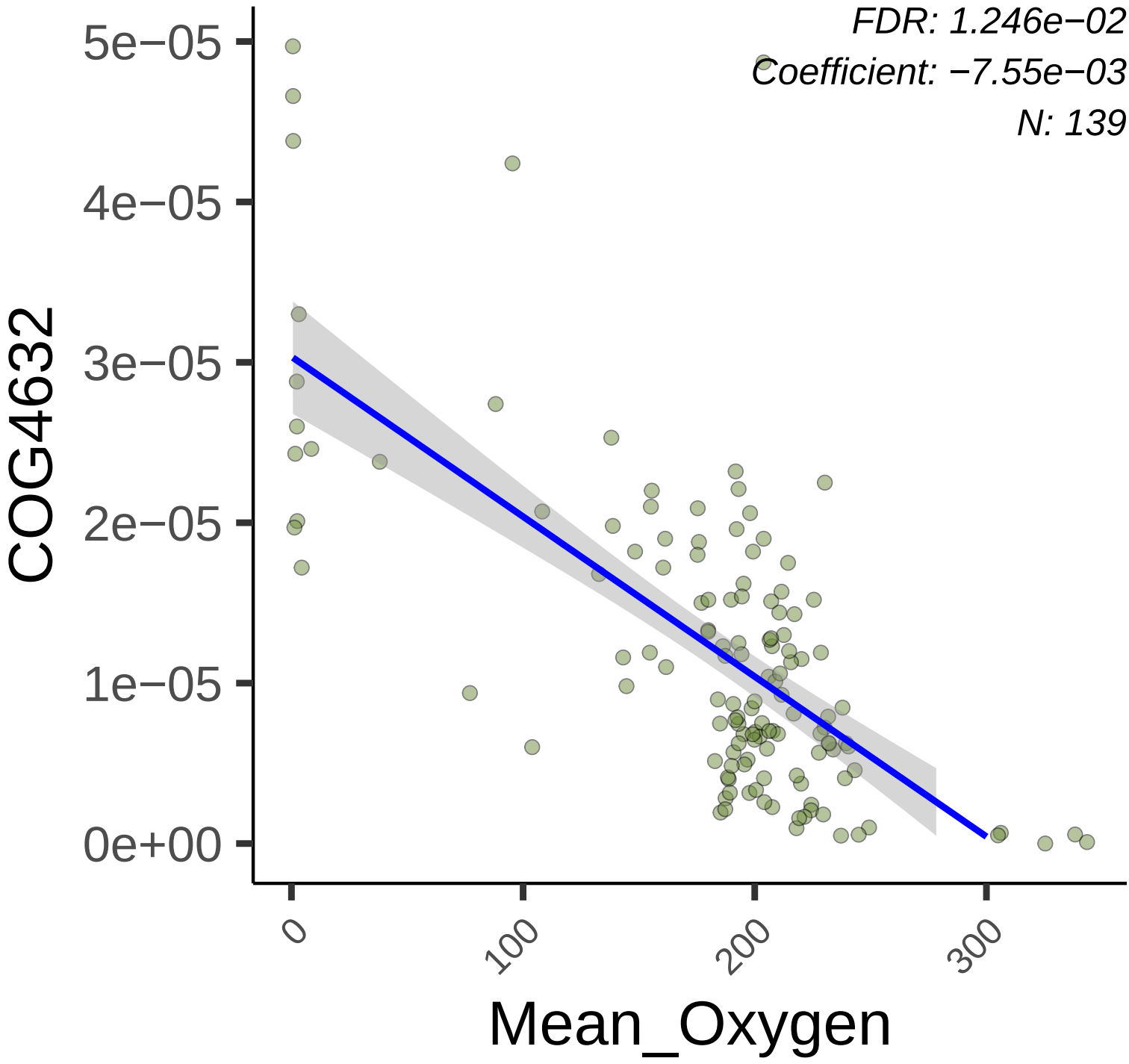
200
300
Mean_Oxygen


FDR: 1.246e−02
Coefficient: −7.55e−03
N: 139
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3e−05
2e−05
1e−05
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COG4632
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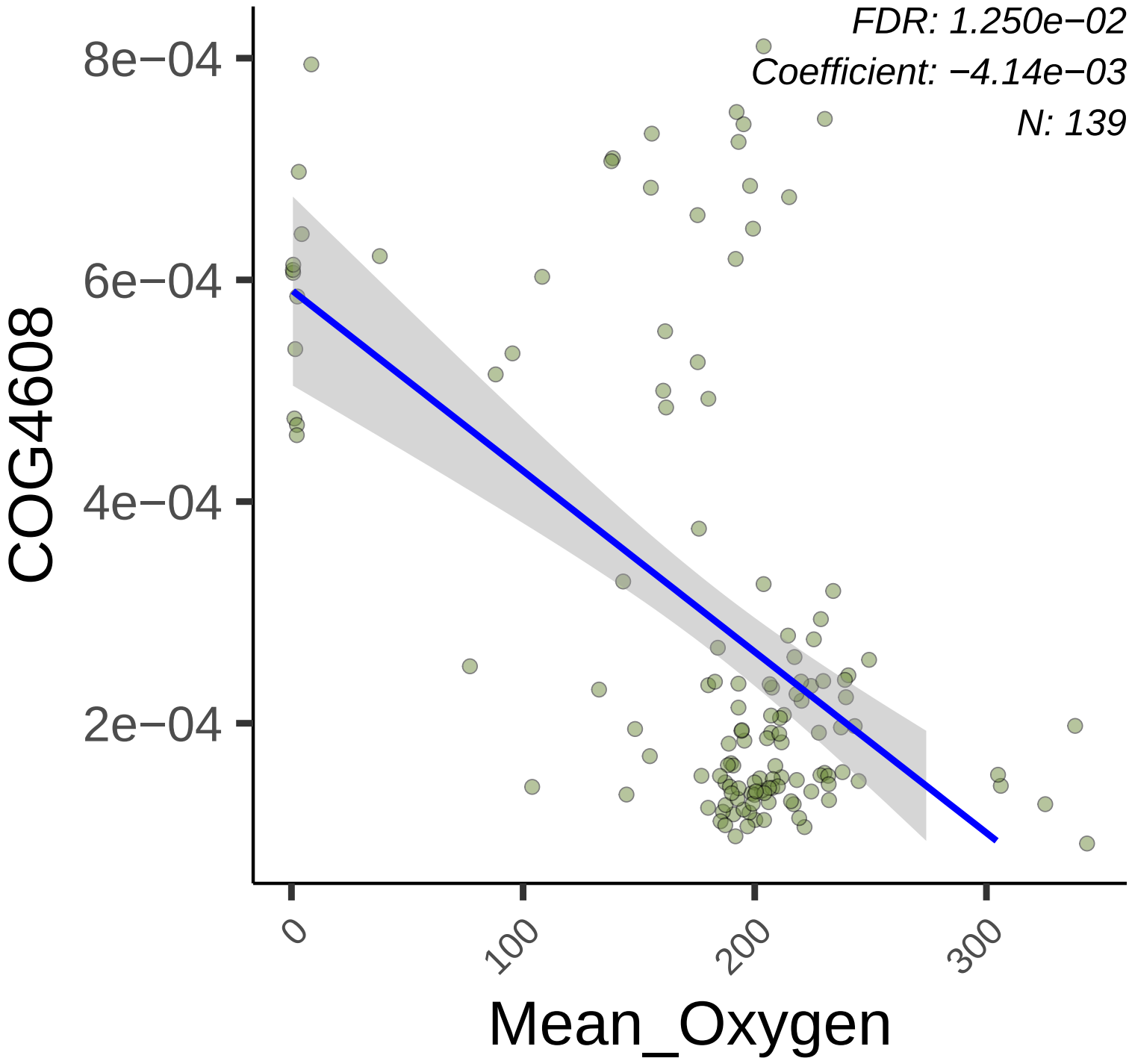
200
300
Mean_Oxygen


FDR: 1.250e−02
Coefficient: −4.14e−03
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4e−04
2e−04
COG4608
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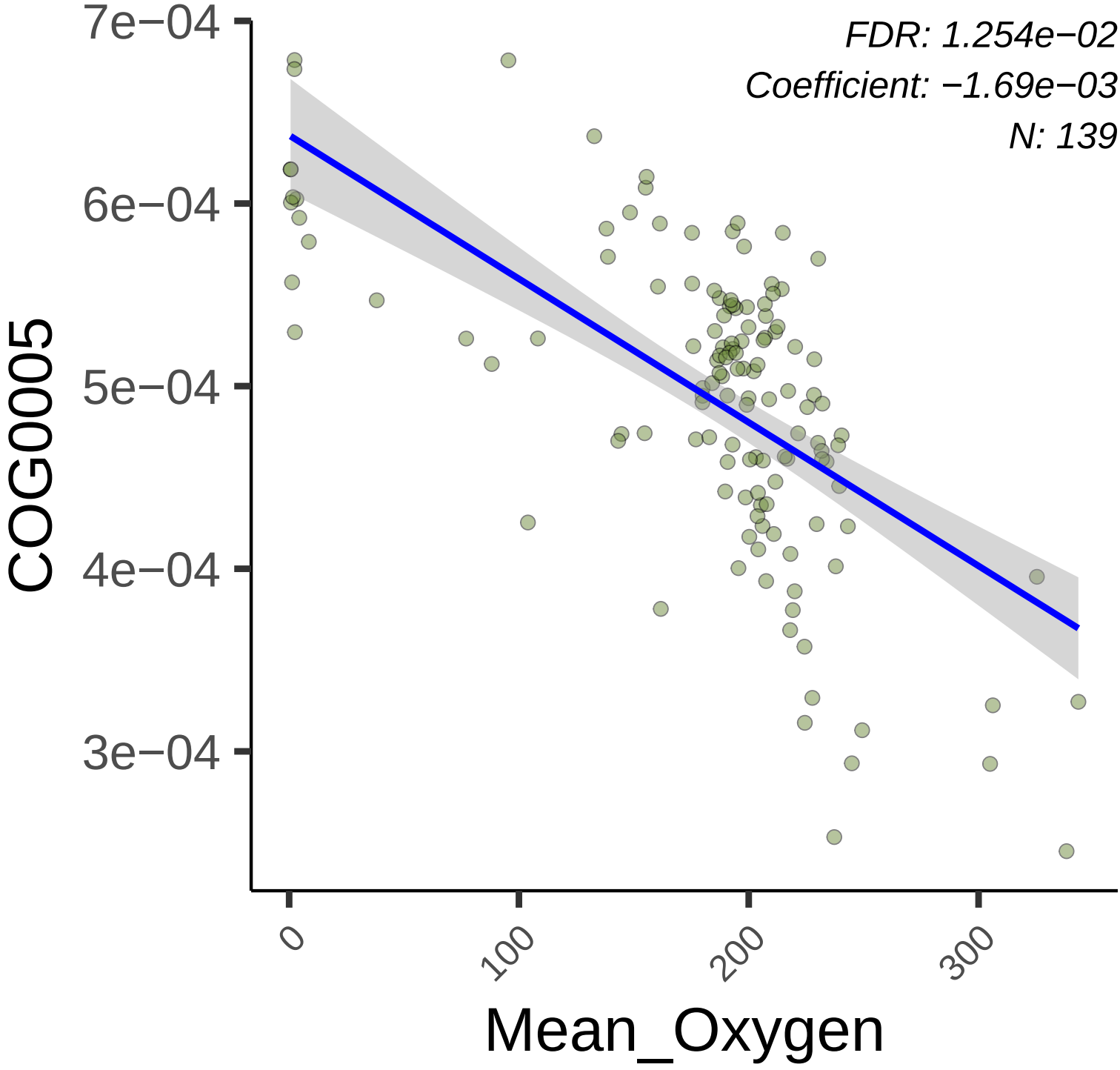
200
300
Mean_Oxygen


FDR: 1.254e−02
Coefficient: −1.69e−03
N: 139
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4e−04
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COG0005
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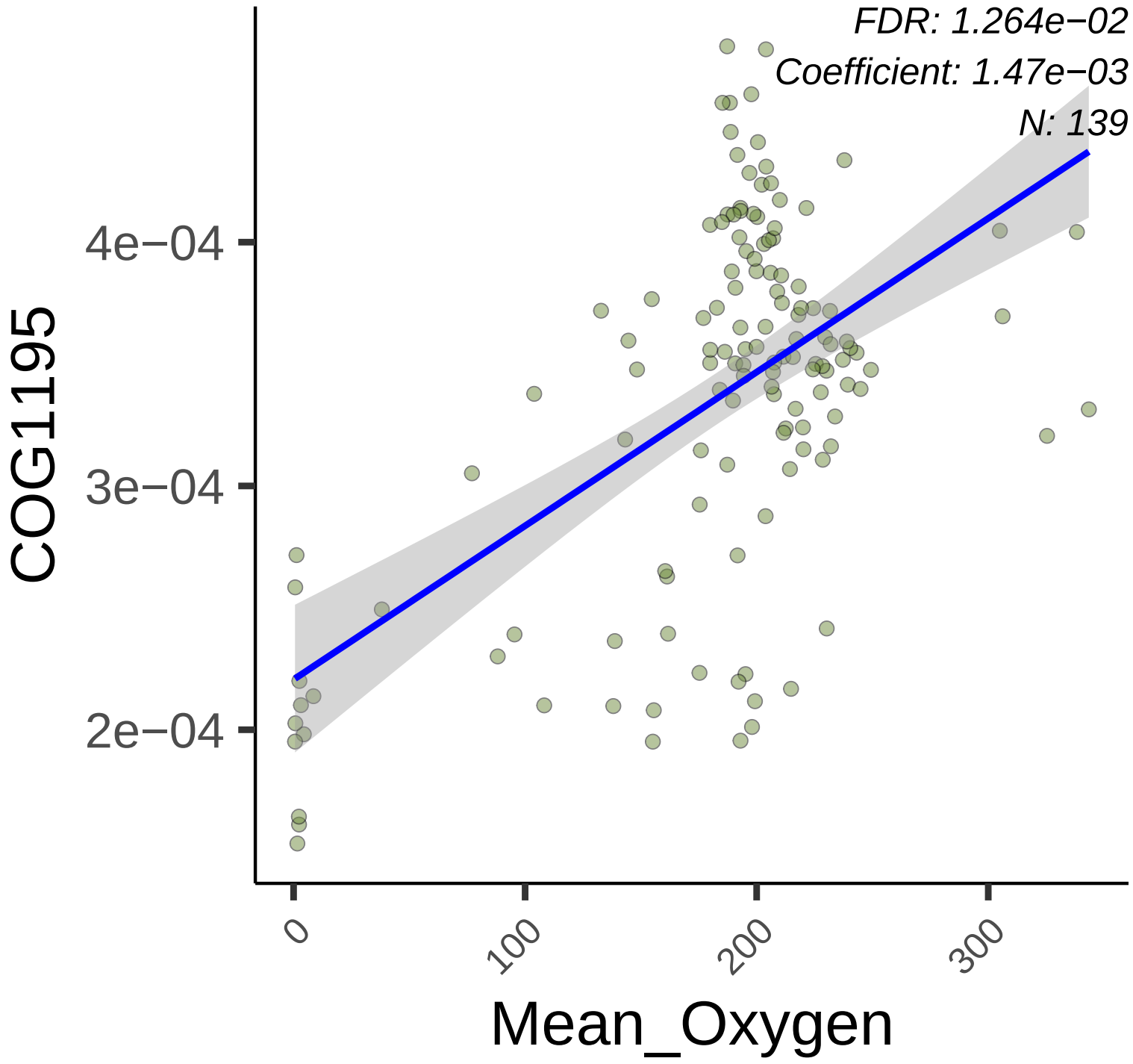
200
300
Mean_Oxygen


FDR: 1.264e−02
Coefficient: 1.47e−03
N: 139
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2e−04
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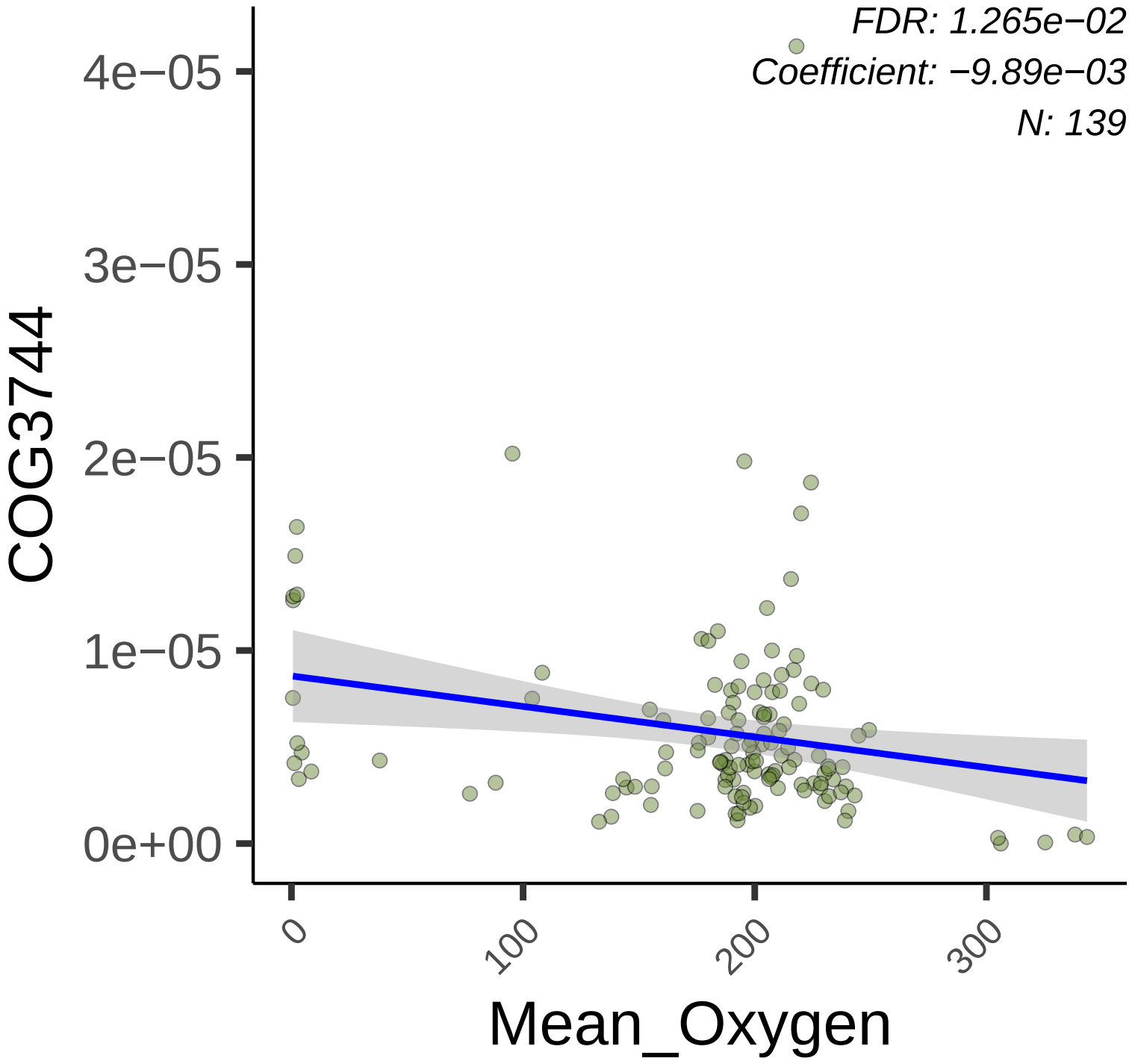
100
200
300
Mean_Oxygen


FDR: 1.265e−02
Coefficient: −9.89e−03
N: 139
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COG3744
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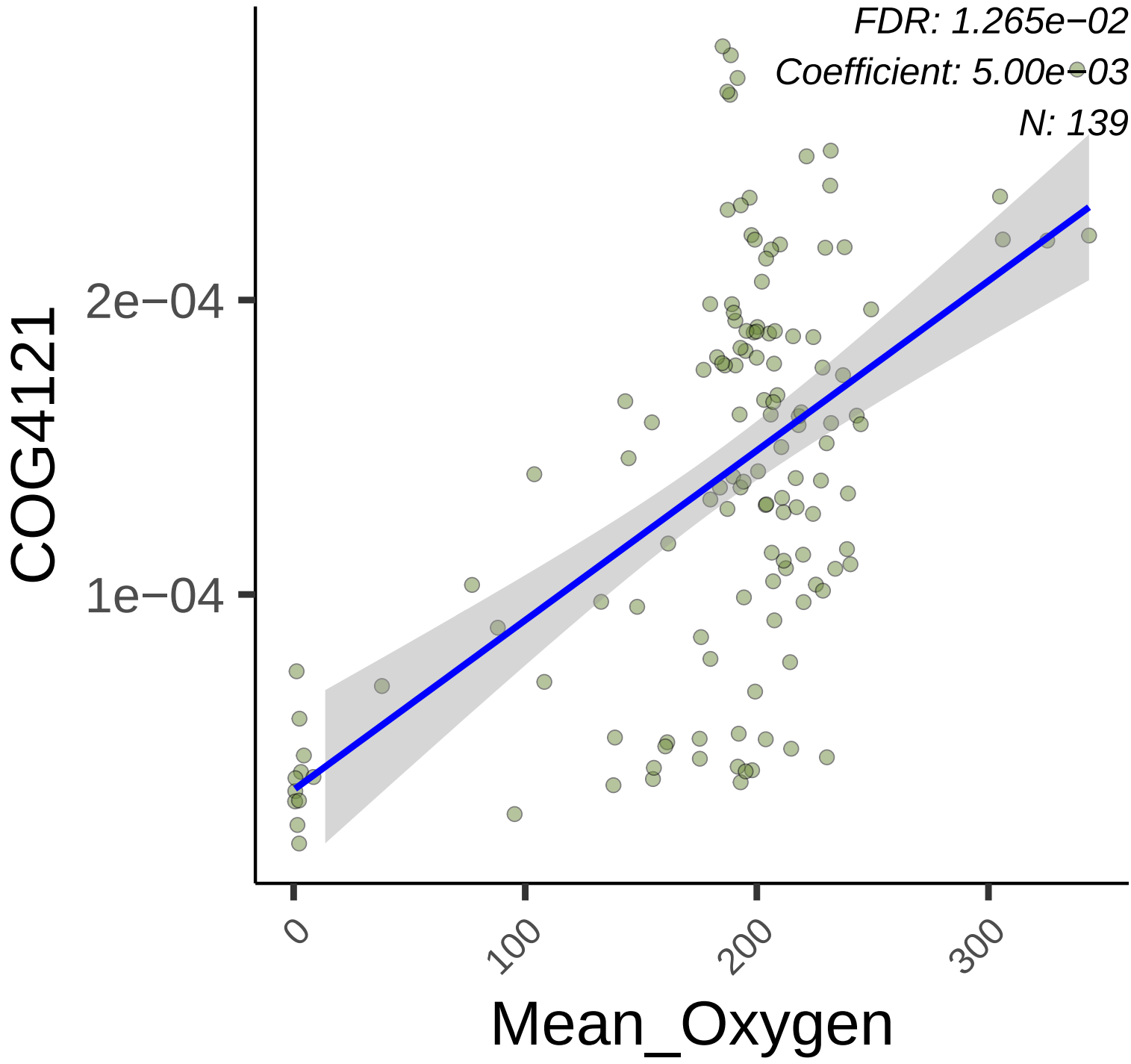
300
Mean_Oxygen


FDR: 1.265e−02
Coefficient: 5.00e−03
N: 139
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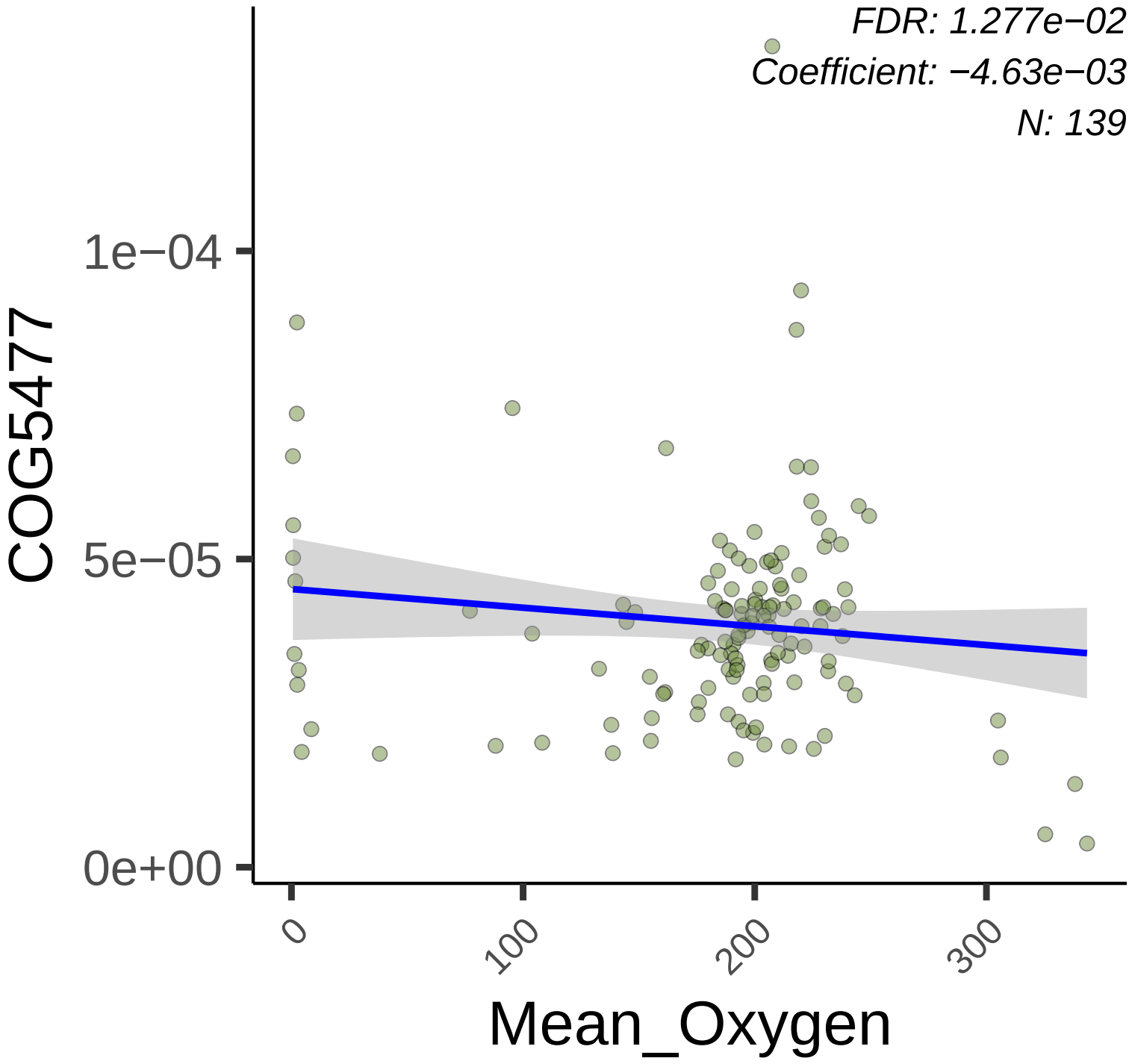
300
Mean_Oxygen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Coefficient: −4.63e−03
N: 139
COG5477
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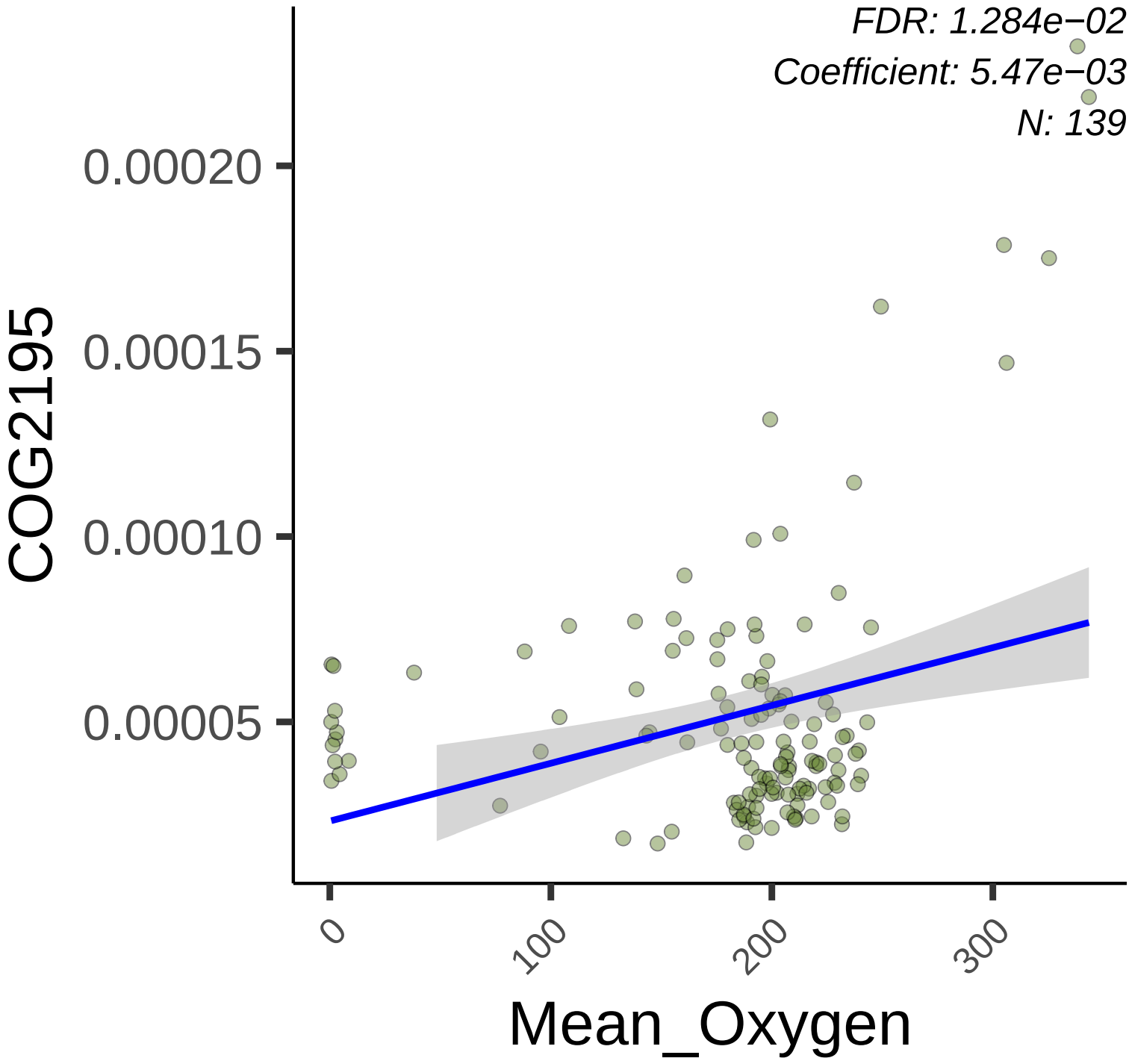
300
Mean_Oxygen


FDR: 1.284e−02
Coefficient: 5.47e−03
N: 139
COG2195
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0.00010
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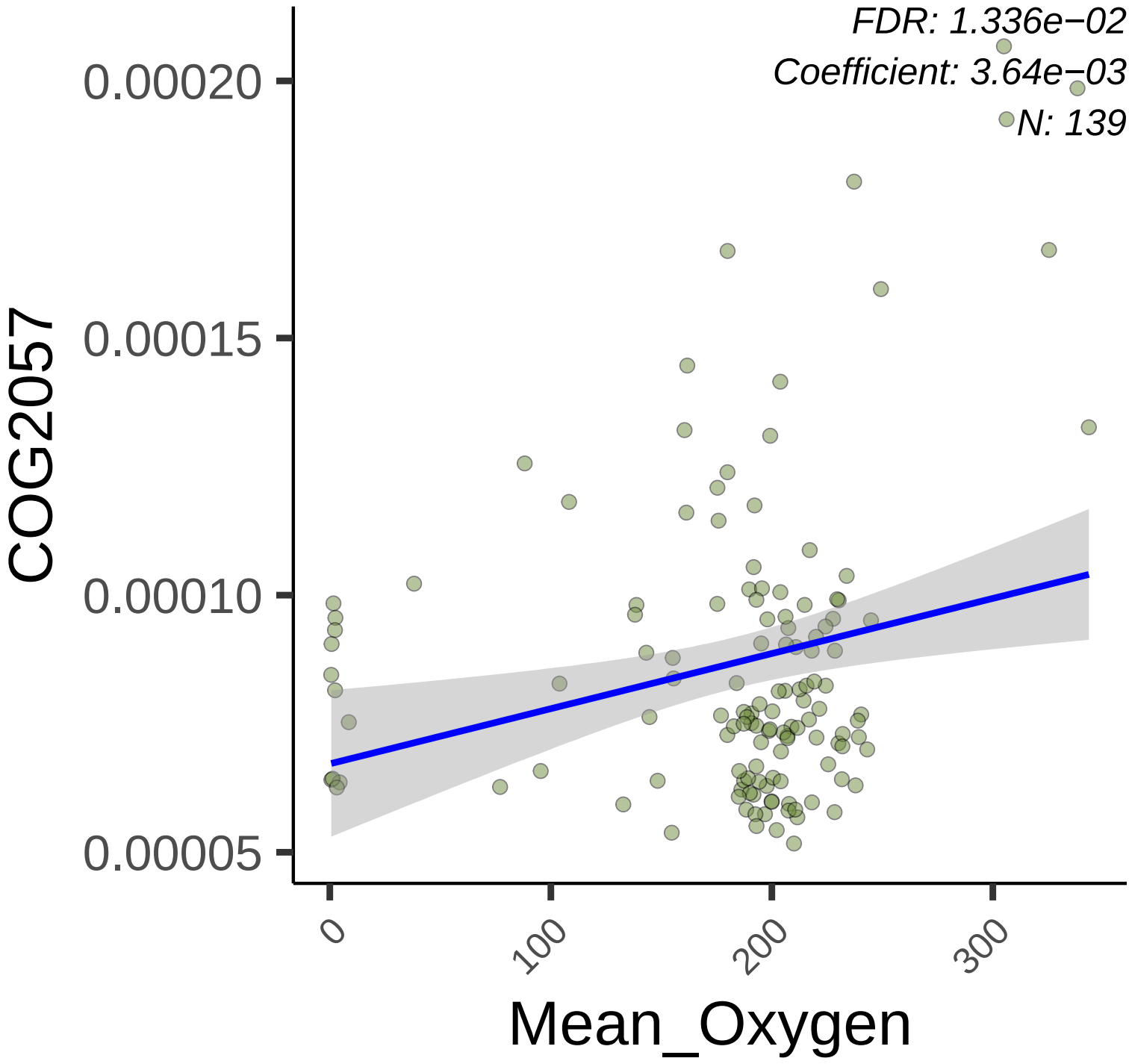
200
300
Mean_Oxygen


FDR: 1.336e−02
Coefficient: 3.64e−03
N: 139
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COG2057
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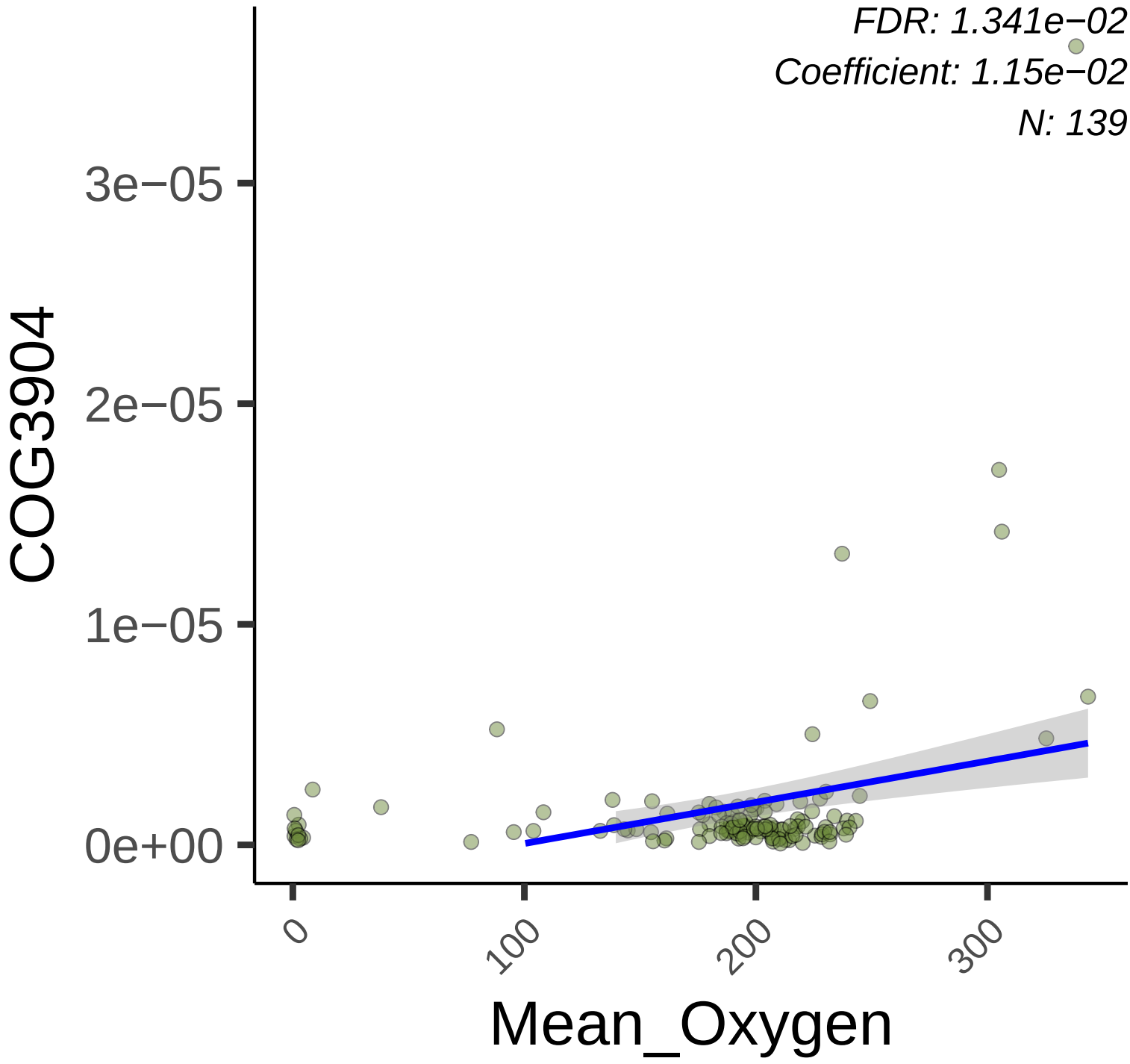
100
200
300
Mean_Oxygen


FDR: 1.341e−02
Coefficient: 1.15e−02
N: 139
COG3904
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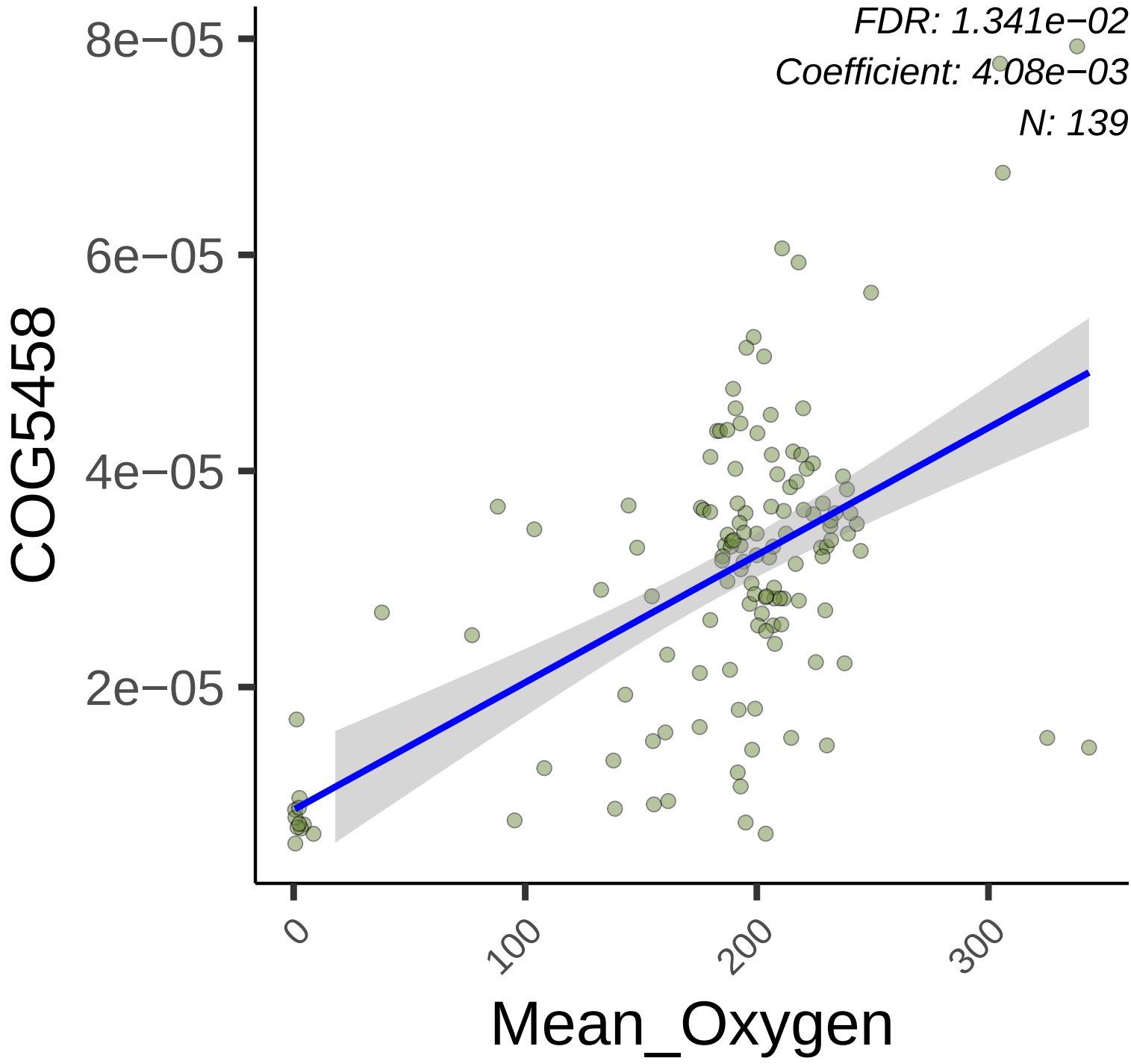
1e−05
0e+00
0
100
200
300
Mean_Oxygen


FDR: 1.341e−02
Coefficient: 4.08e−03
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COG5458
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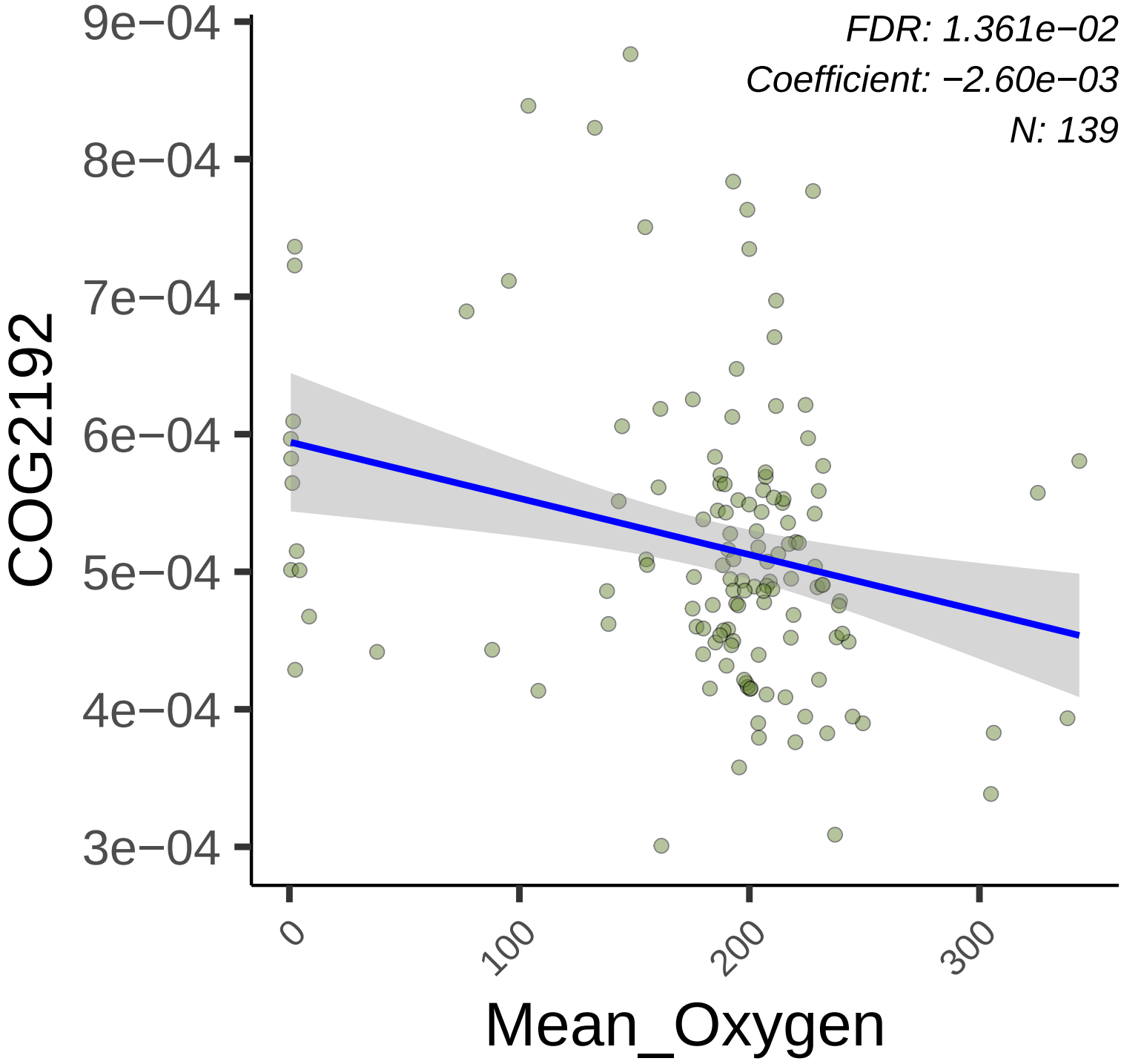
FDR: 1.361e−02
Coefficient: −2.60e−03
N: 139
COG2192
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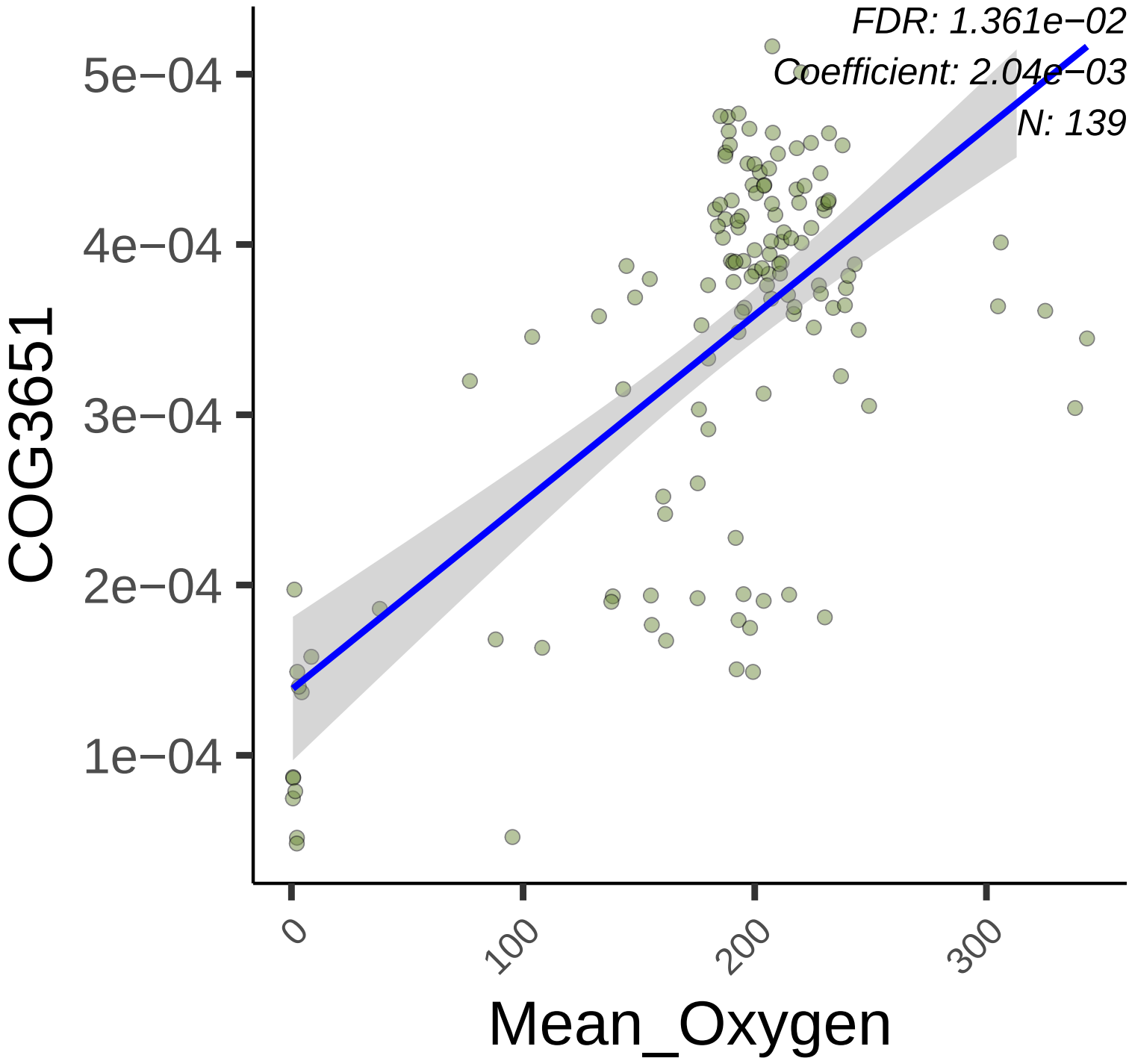
Mean_Oxygen


FDR: 1.361e−02
Coefficient: 2.04e−03
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COG3651
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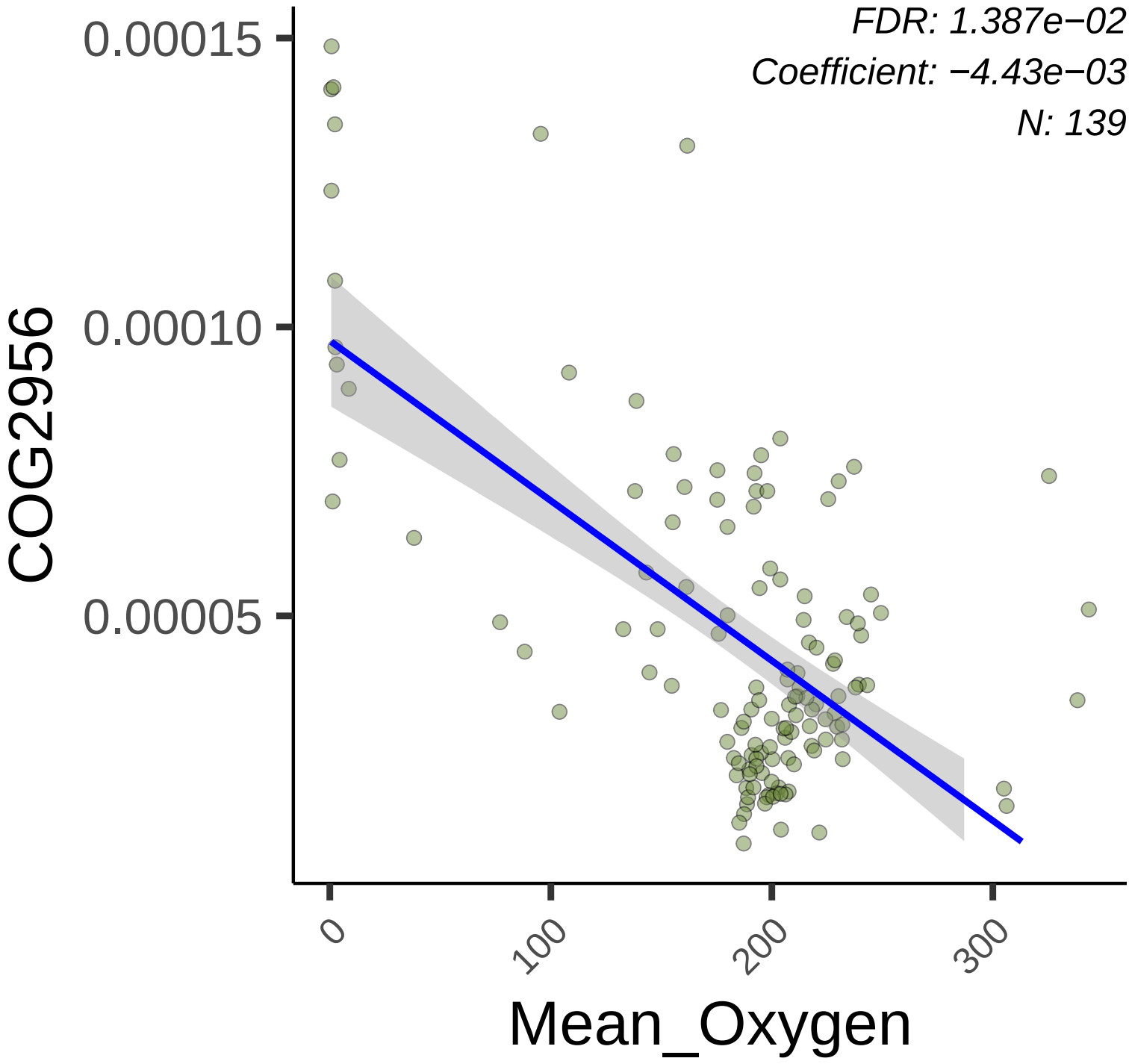
Mean_Oxygen


FDR: 1.387e−02
Coefficient: −4.43e−03
N: 139
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COG2956
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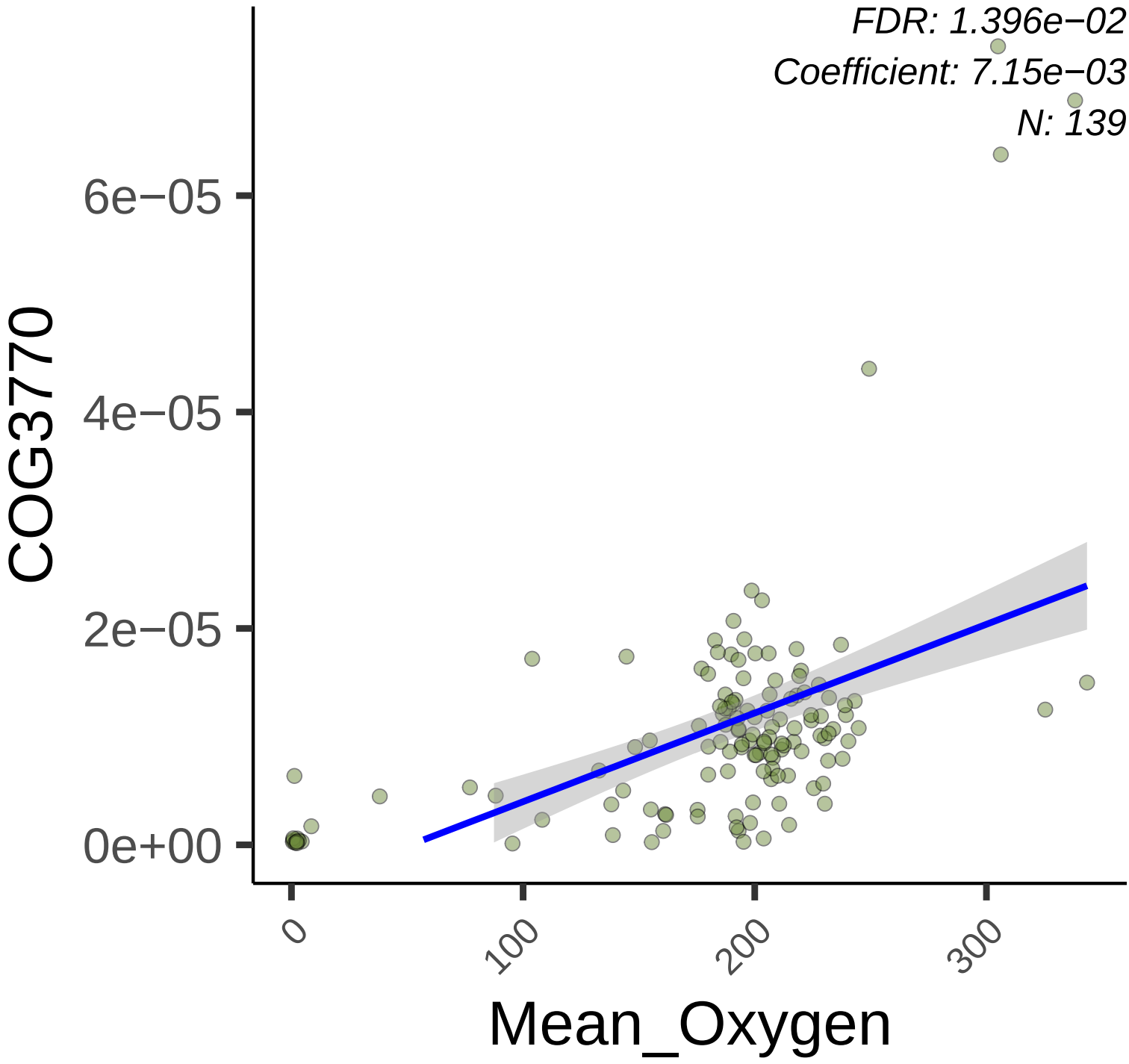
Mean_Oxygen


FDR: 1.396e−02
Coefficient: 7.15e−03
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COG3770
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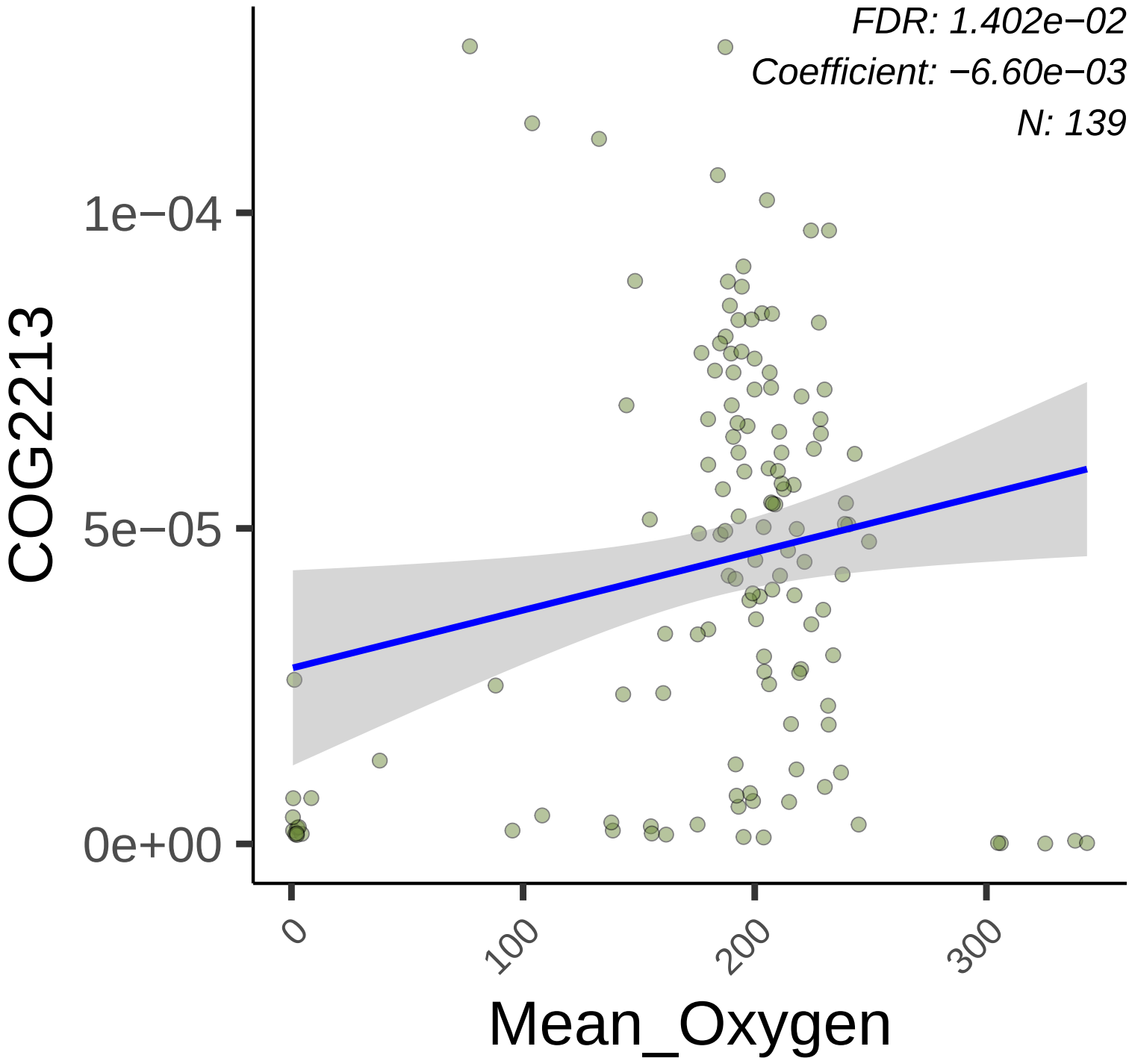
Mean_Oxygen


FDR: 1.402e−02
Coefficient: −6.60e−03
N: 139
COG2213
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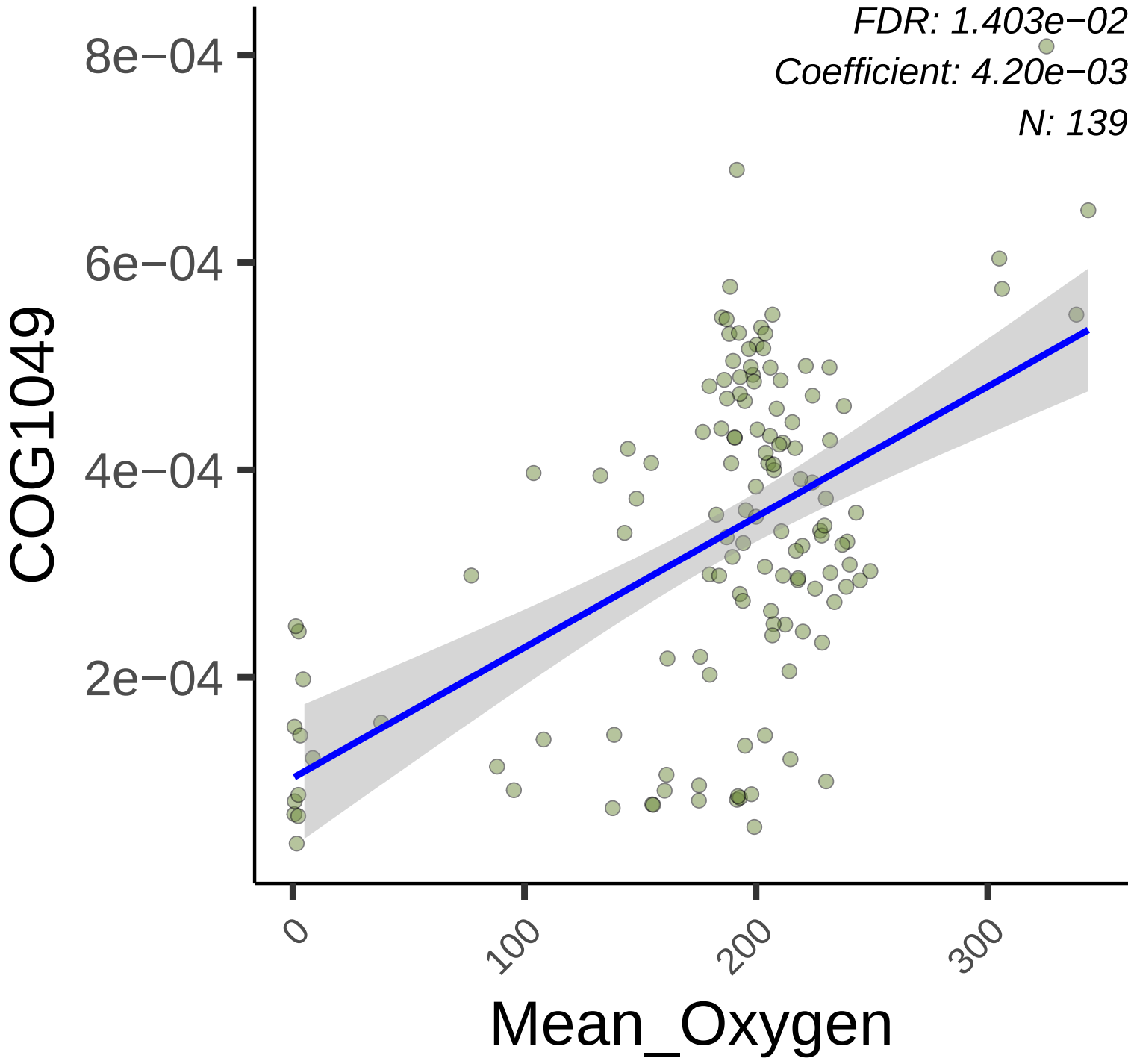
Mean_Oxygen


FDR: 1.403e−02
Coefficient: 4.20e−03
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COG1049
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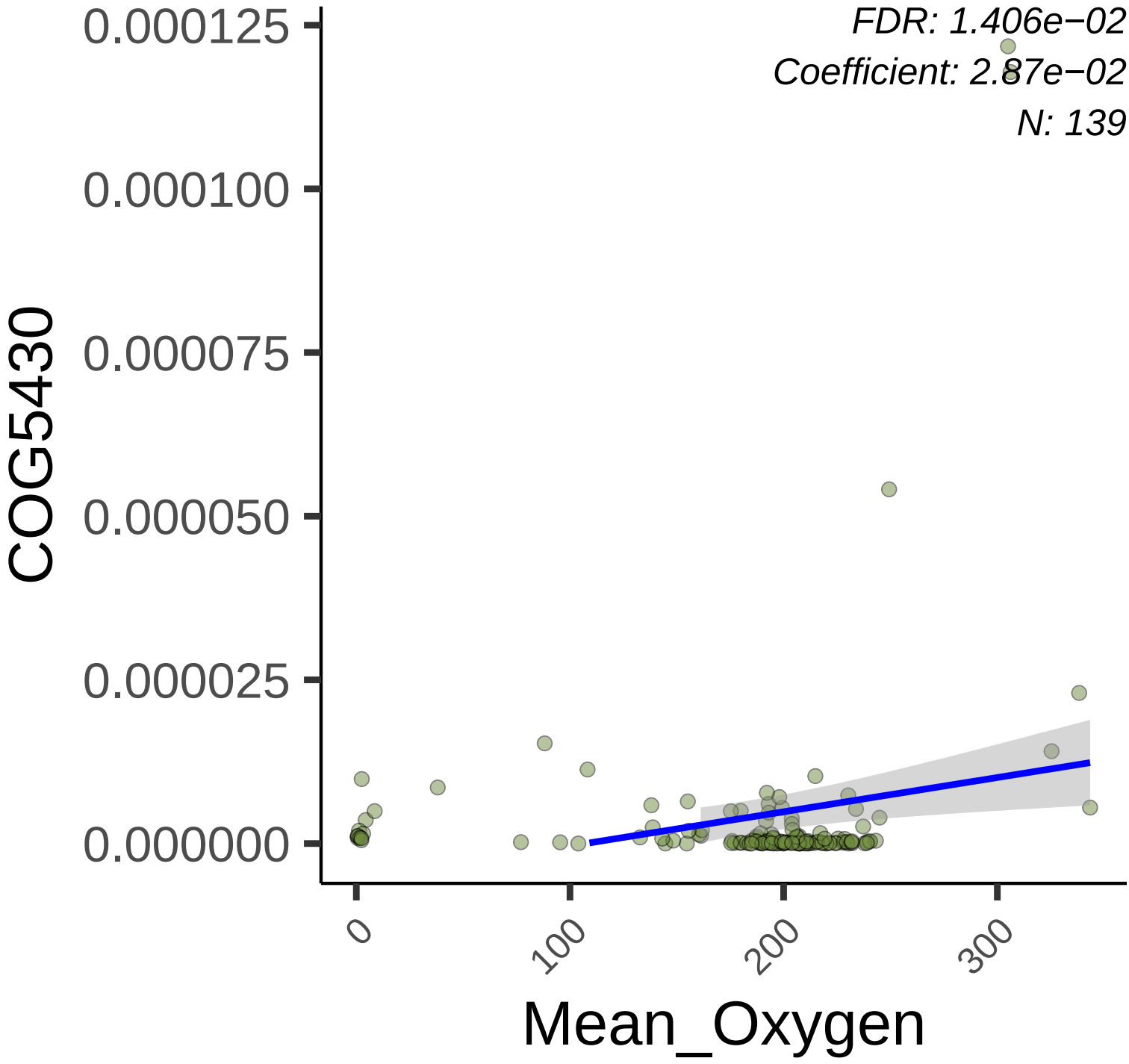
200
300
Mean_Oxygen


FDR: 1.406e−02
Coefficient: 2.87e−02
N: 139
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0.000000
COG5430
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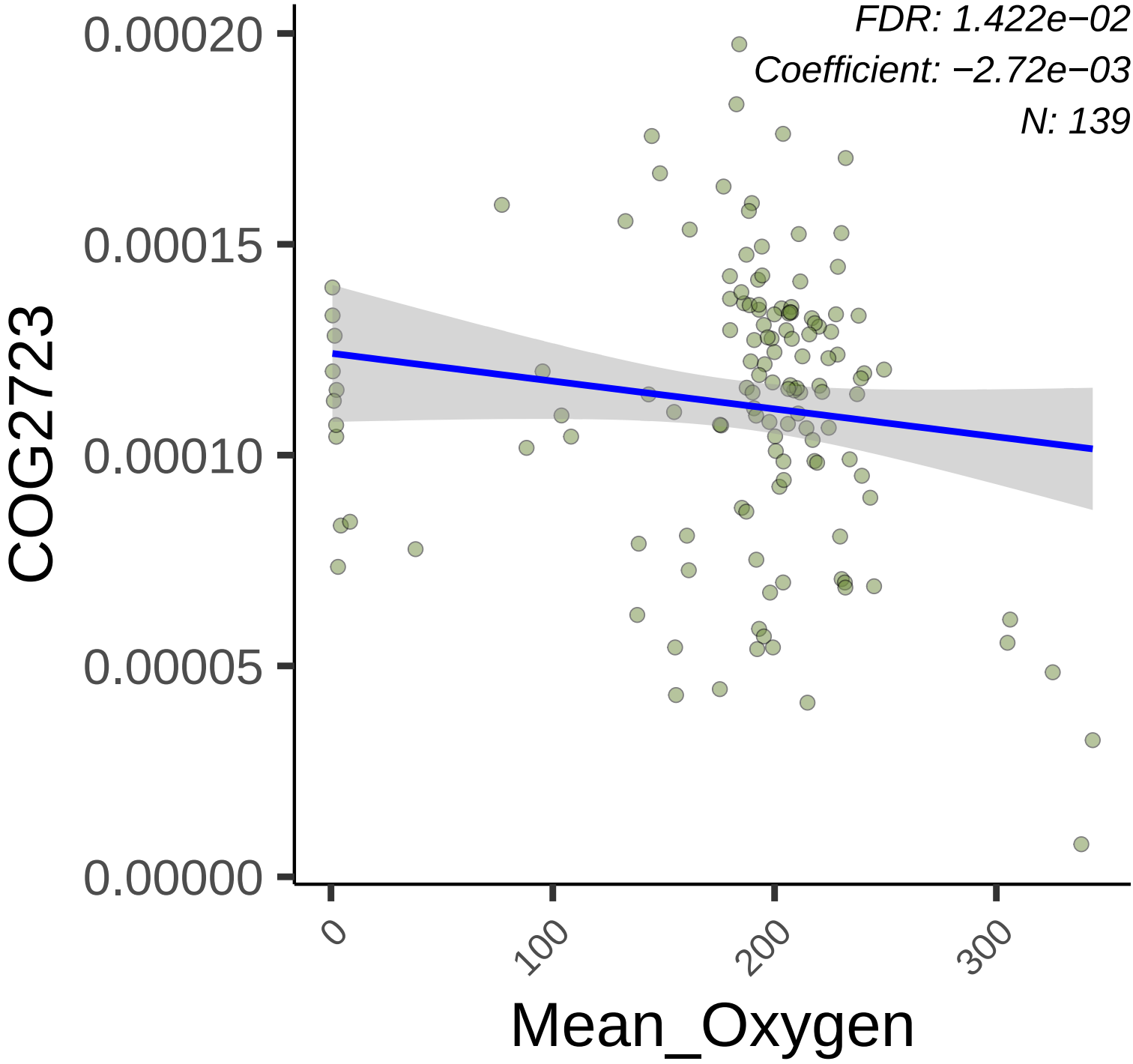
200
300
Mean_Oxygen


FDR: 1.422e−02
Coefficient: −2.72e−03
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COG2723
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200
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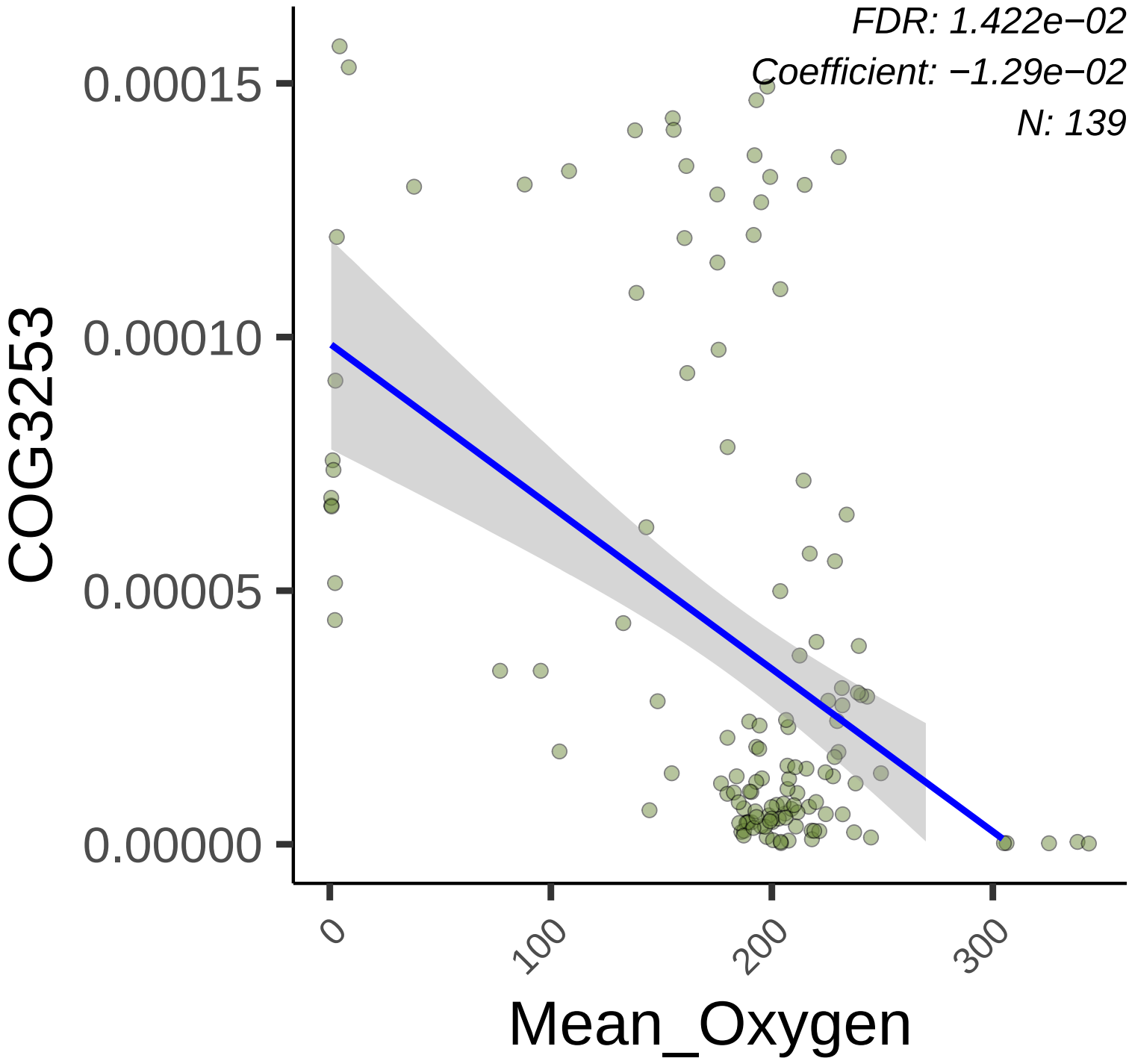
Mean_Oxygen


FDR: 1.422e−02
Coefficient: −1.29e−02
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COG3253
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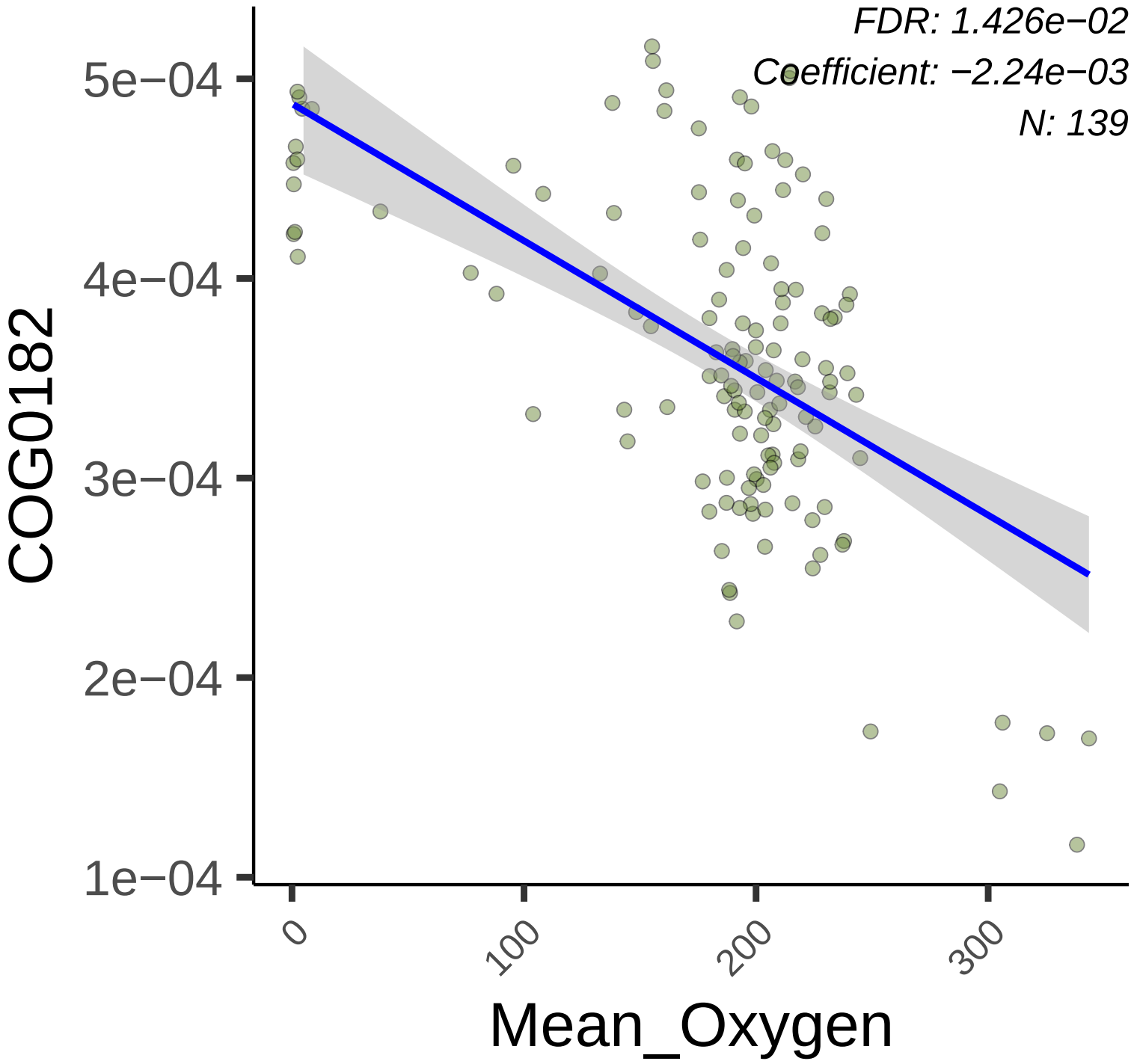
200
300
Mean_Oxygen


FDR: 1.426e−02
Coefficient: −2.24e−03
N: 139
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4e−04
3e−04
2e−04
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COG0182
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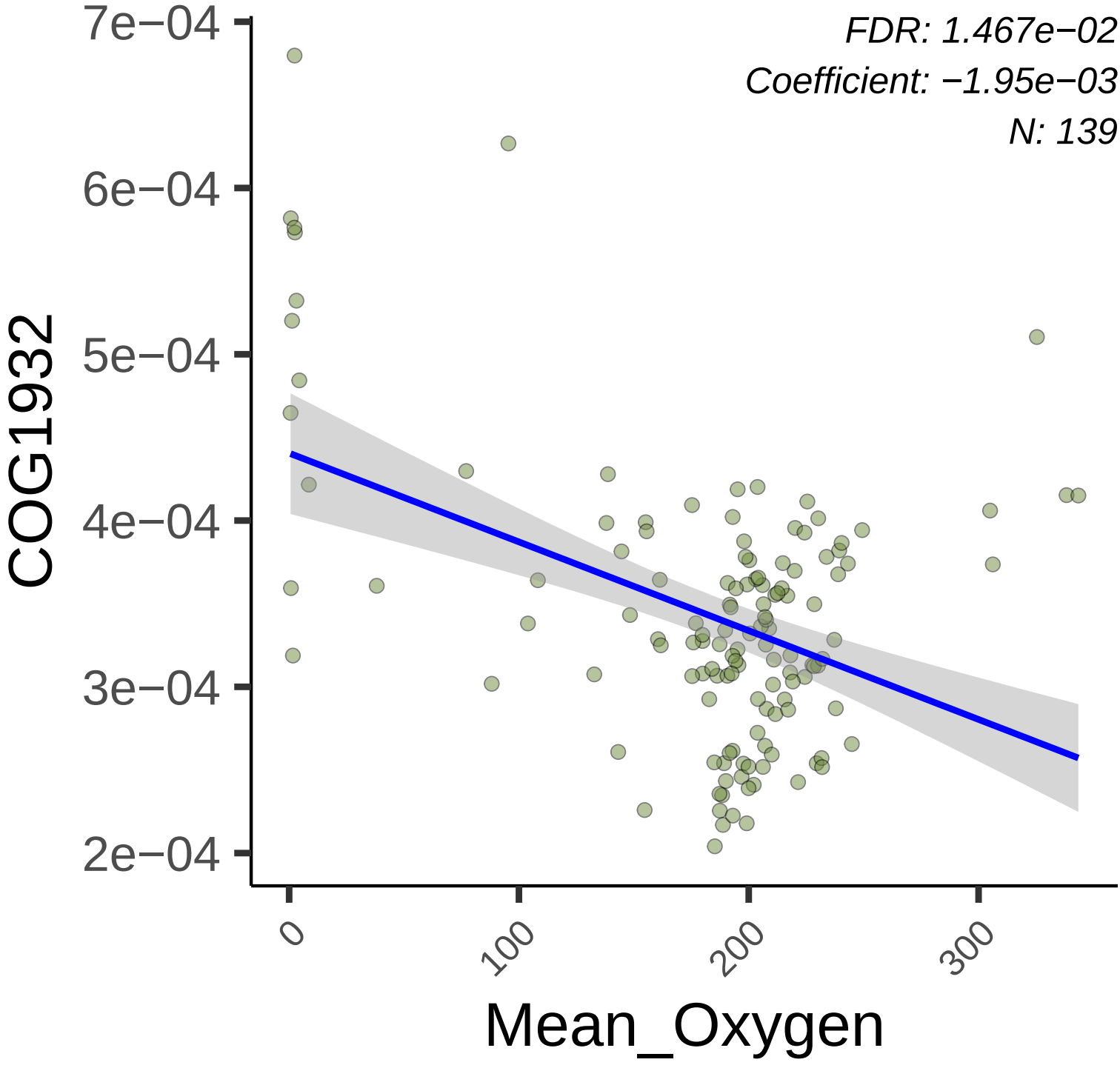
200
300
Mean_Oxygen


FDR: 1.467e−02
Coefficient: −1.95e−03
N: 139
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6e−04
5e−04
4e−04
3e−04
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COG1932
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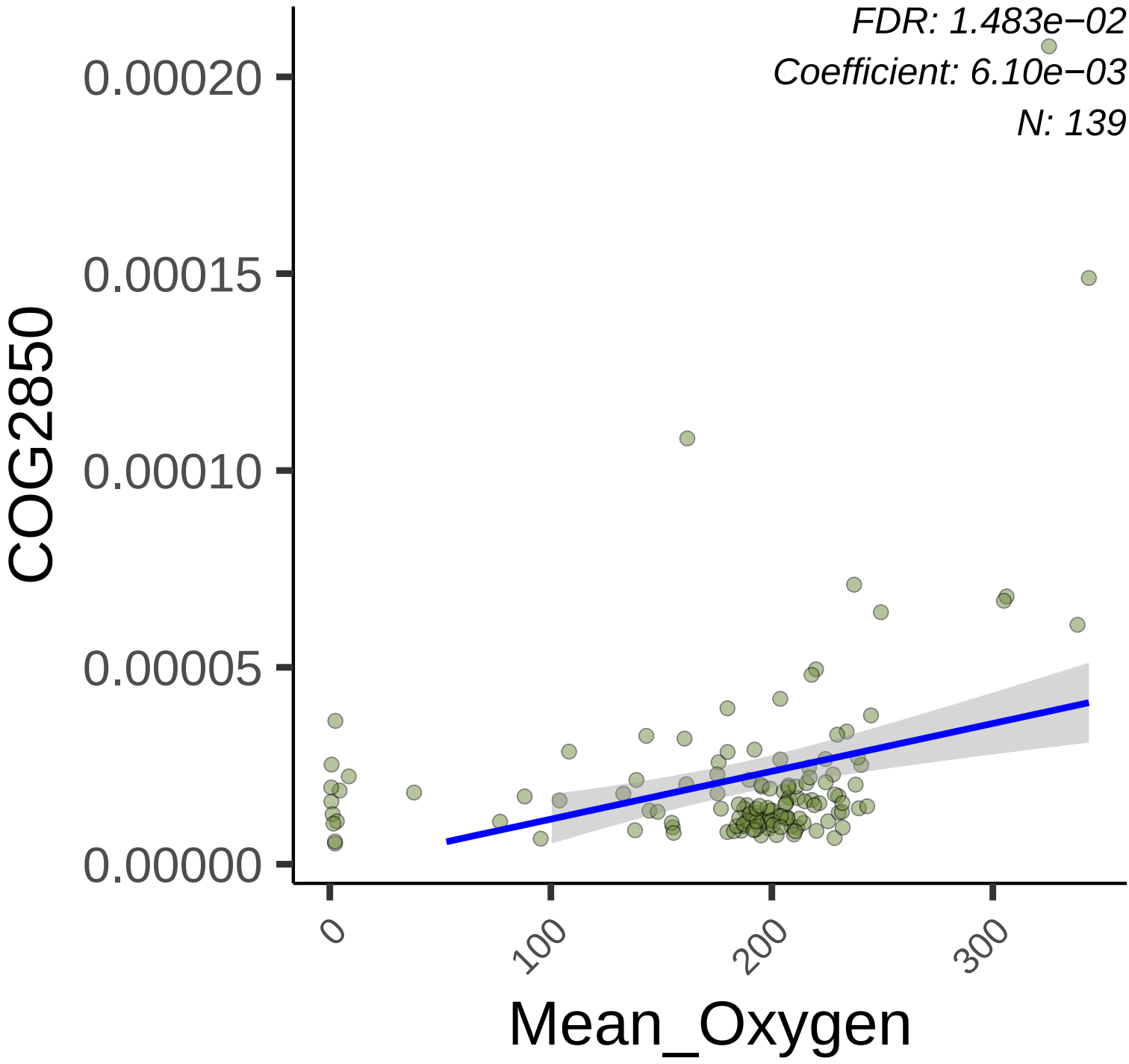
200
300
Mean_Oxygen


FDR: 1.483e−02
Coefficient: 6.10e−03
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0.00010
0.00005
0.00000
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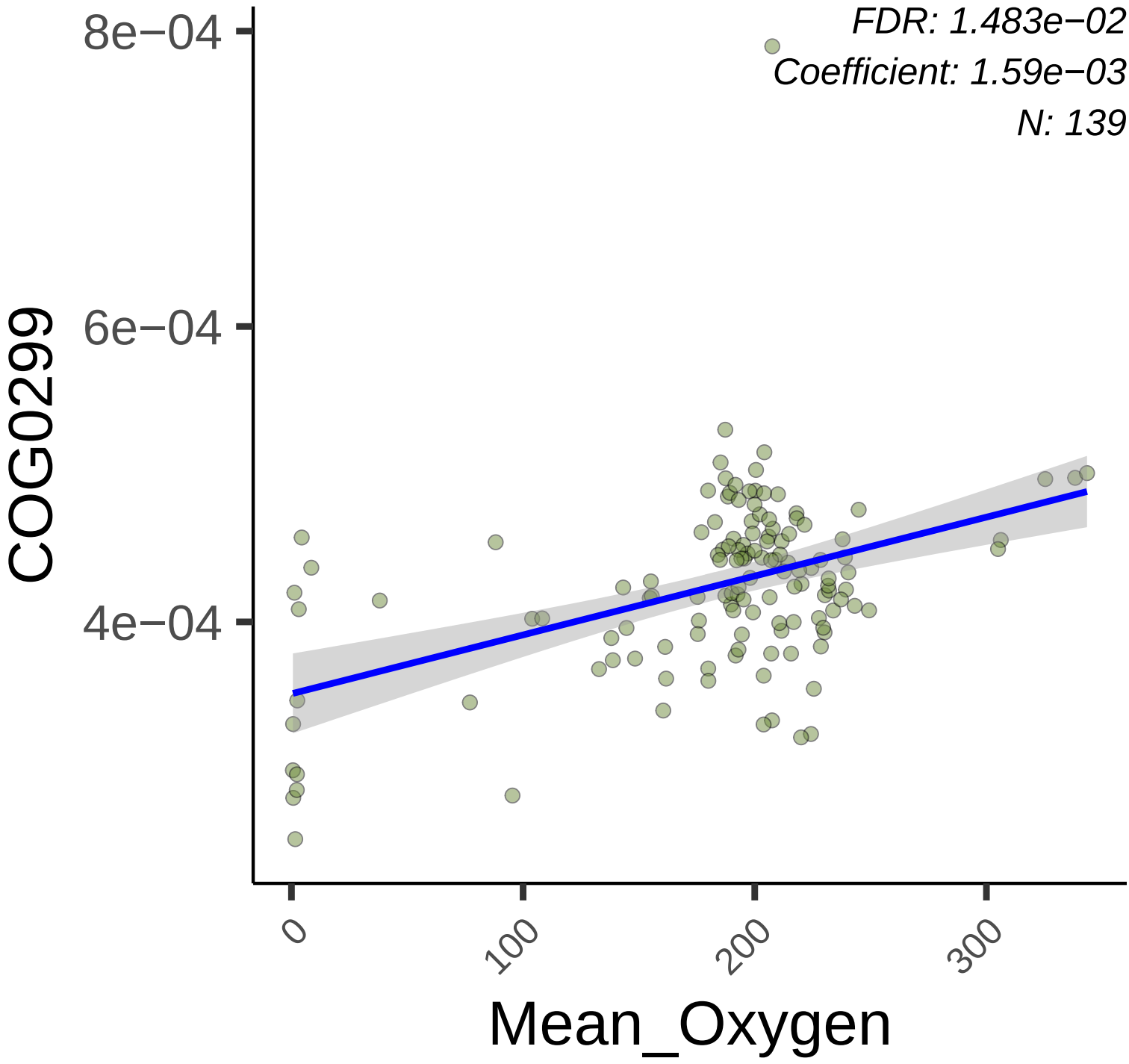
200
300
Mean_Oxygen


FDR: 1.483e−02
Coefficient: 1.59e−03
N: 139
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6e−04
4e−04
COG0299
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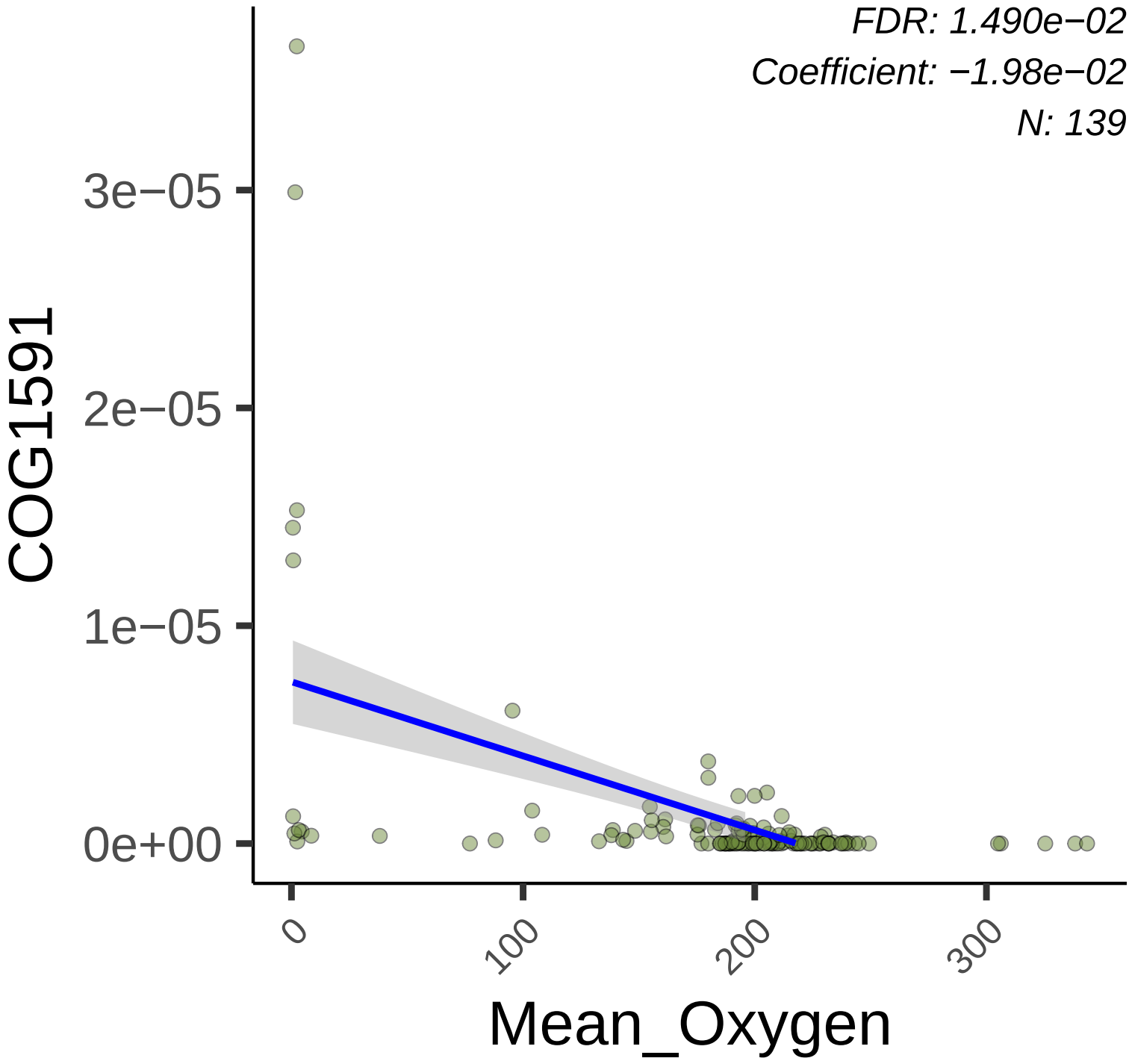
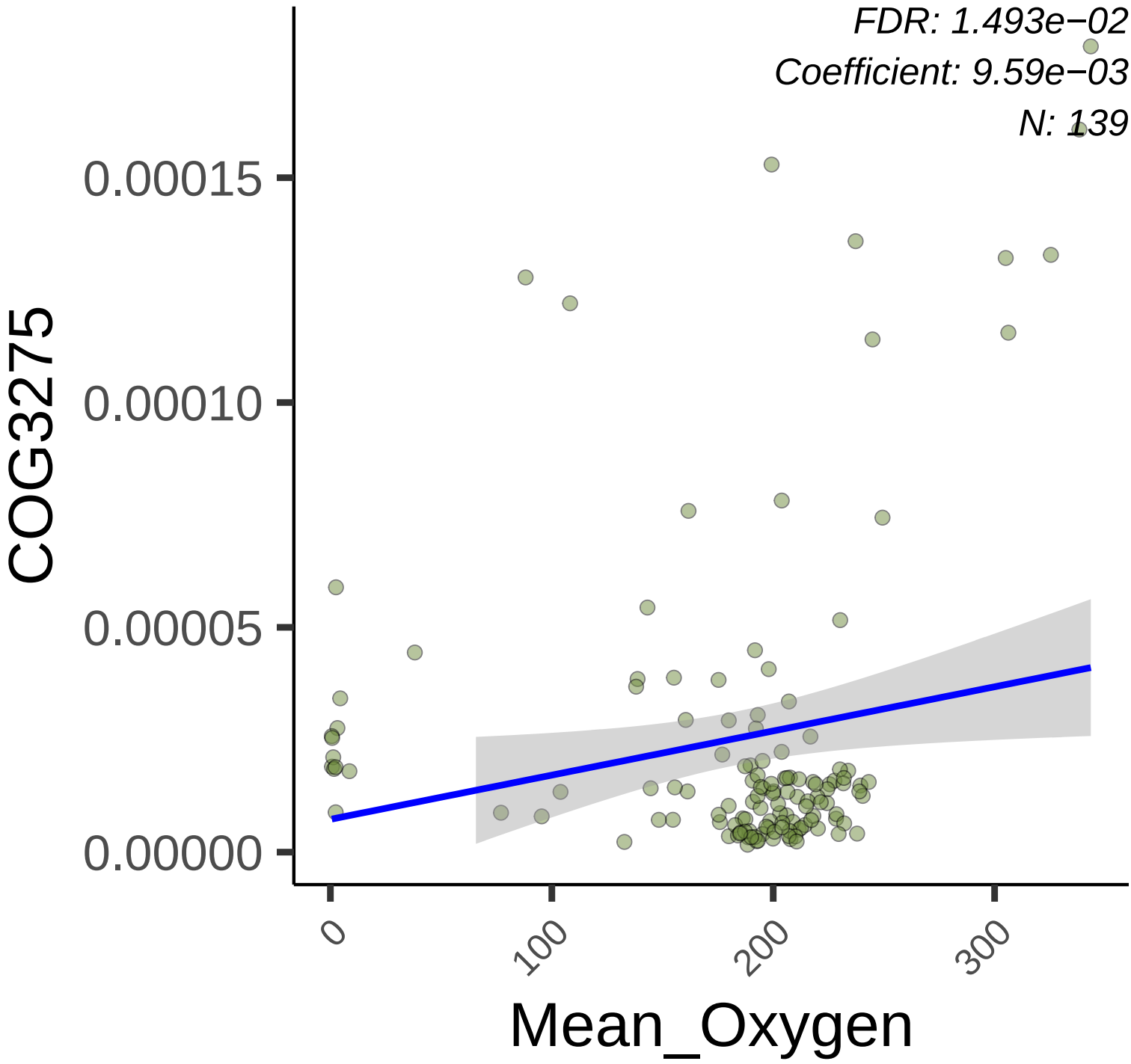
200
300
Mean_Oxygen


FDR: 1.490e−02
Coefficient: −1.98e−02
N: 139
COG1591
3e−05
2e−05
1e−05
0e+00
0
100
200
300
Mean_Oxygen


FDR: 1.493e−02
Coefficient: 9.59e−03
N: 139
COG3275
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0.00005
0.00000
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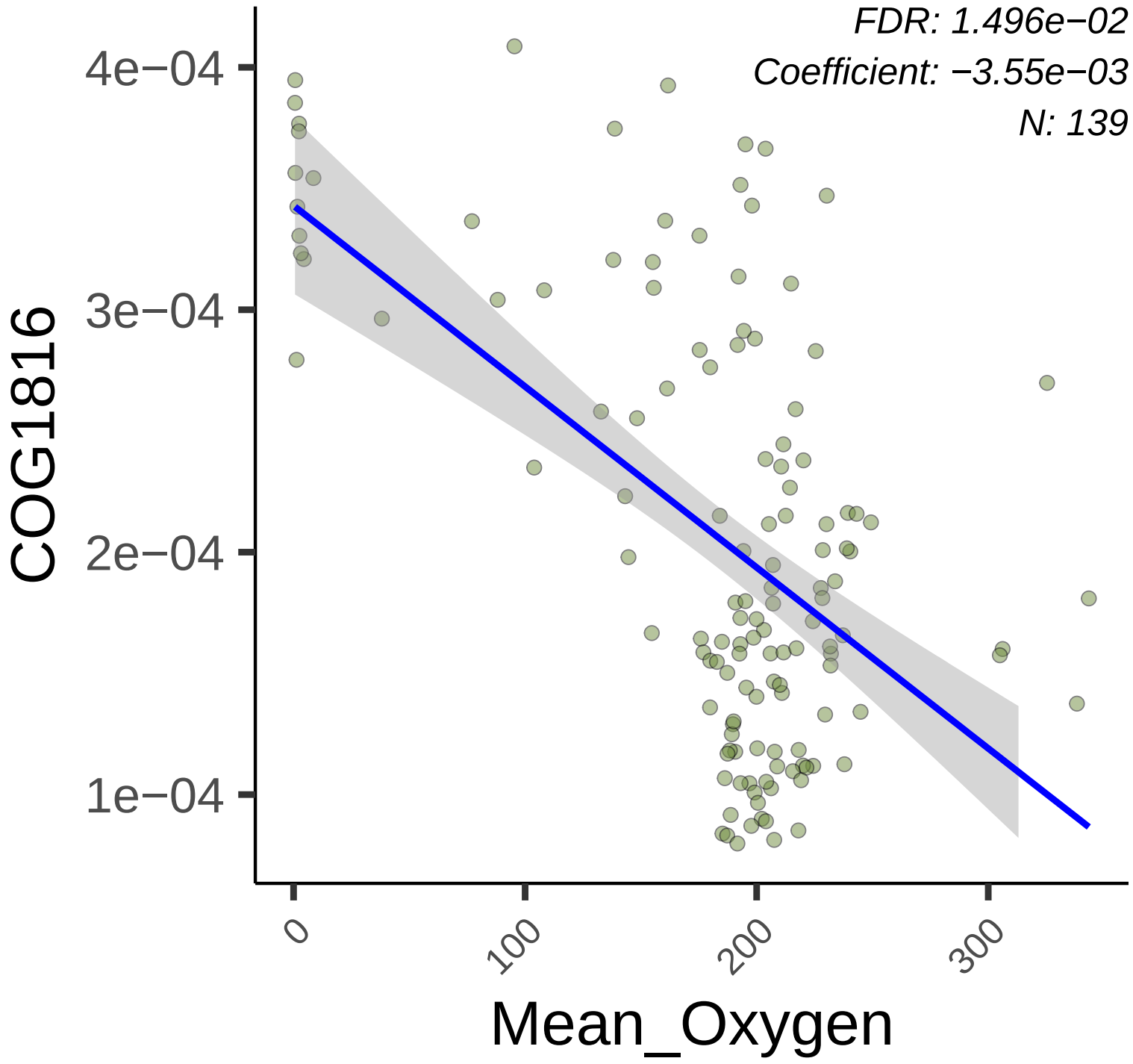
200
300
Mean_Oxygen


FDR: 1.496e−02
Coefficient: −3.55e−03
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2e−04
1e−04
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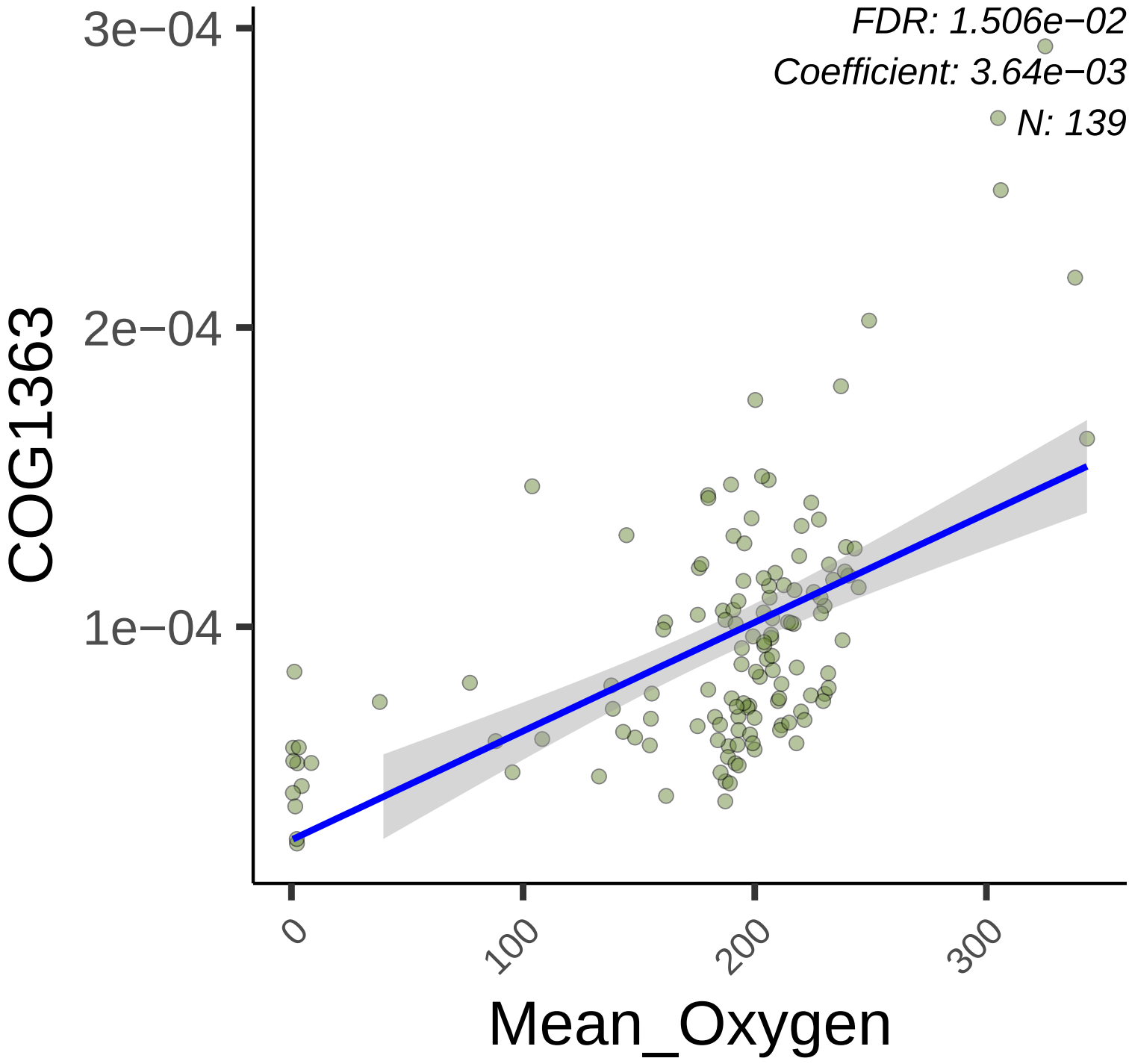
200
300
Mean_Oxygen


FDR: 1.506e−02
Coefficient: 3.64e−03
N: 139
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1e−04
COG1363
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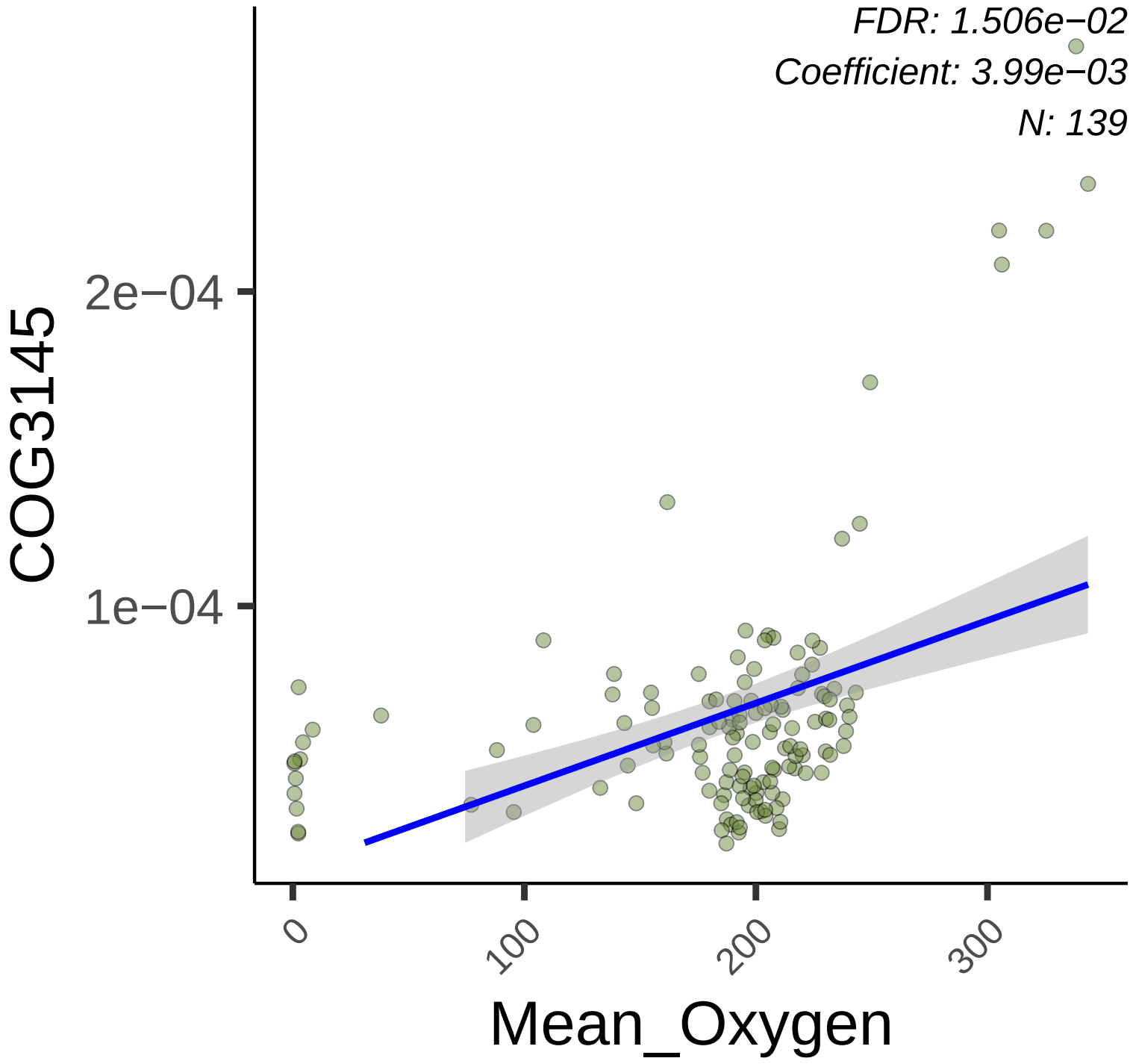
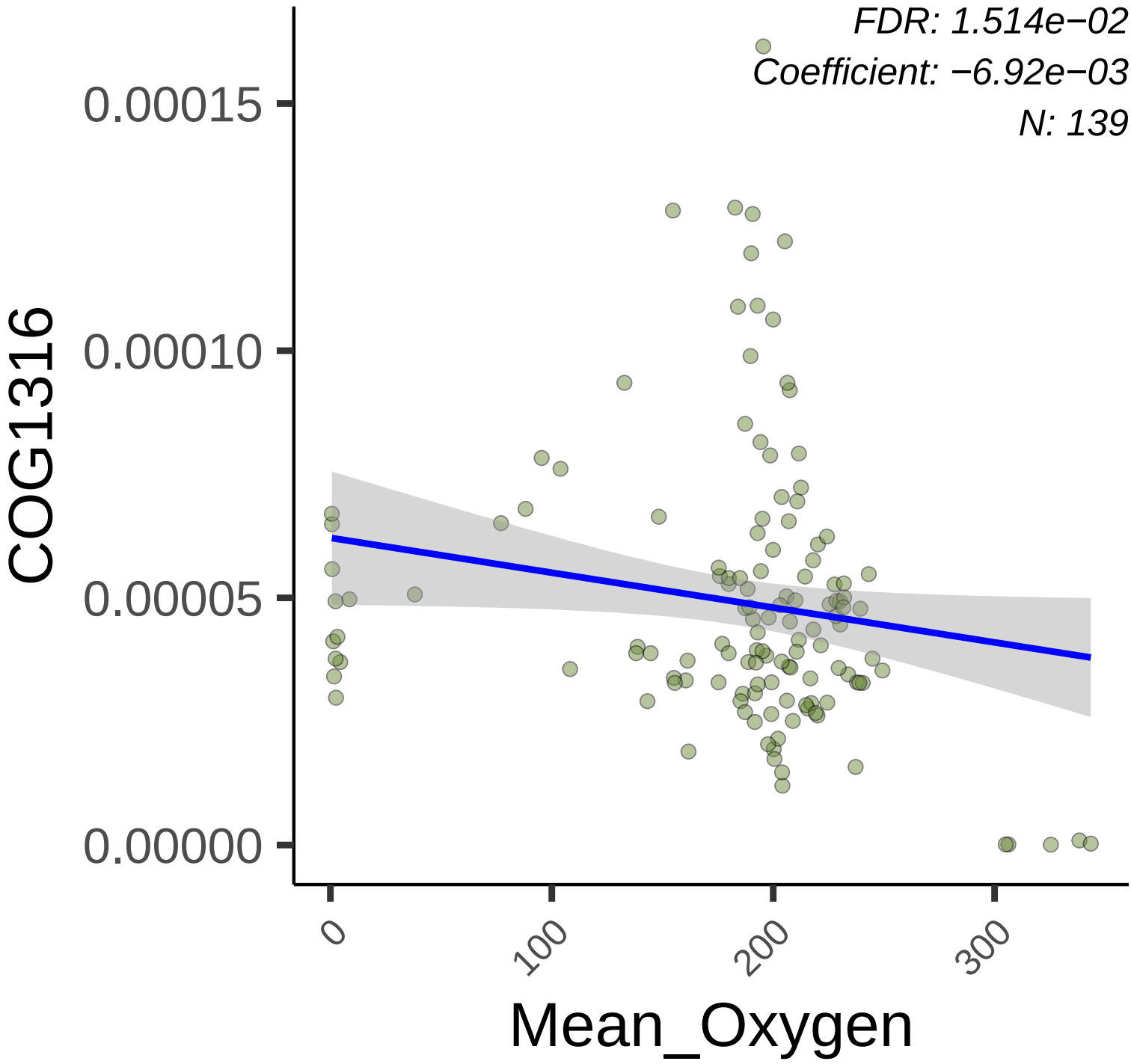
100
200
300
Mean_Oxygen


FDR: 1.506e−02
Coefficient: 3.99e−03
N: 139
COG3145
2e−04
1e−04
0
100
200
300
Mean_Oxygen


FDR: 1.514e−02
Coefficient: −6.92e−03
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COG1316
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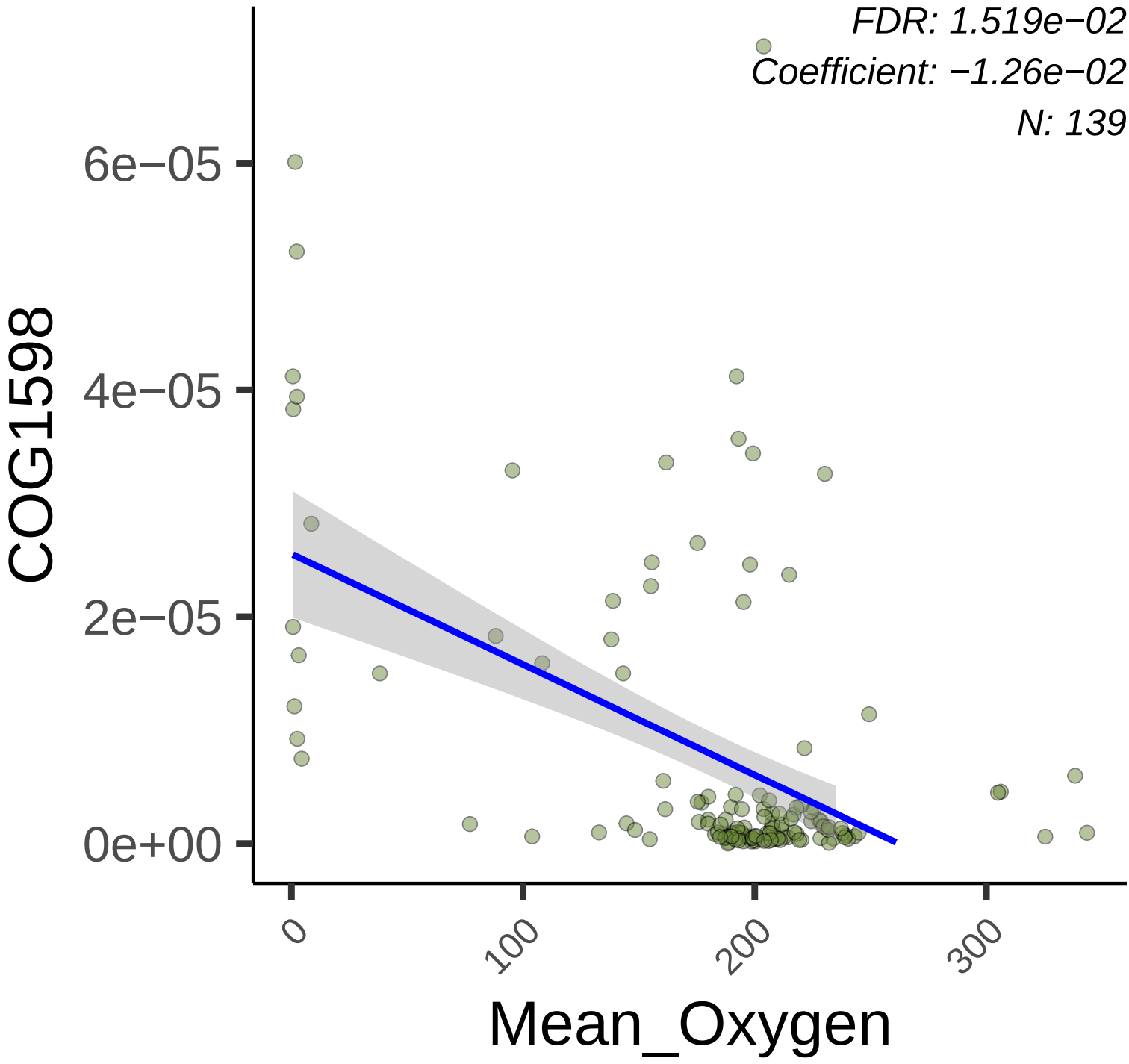
200
300
Mean_Oxygen


FDR: 1.519e−02
Coefficient: −1.26e−02
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4e−05
2e−05
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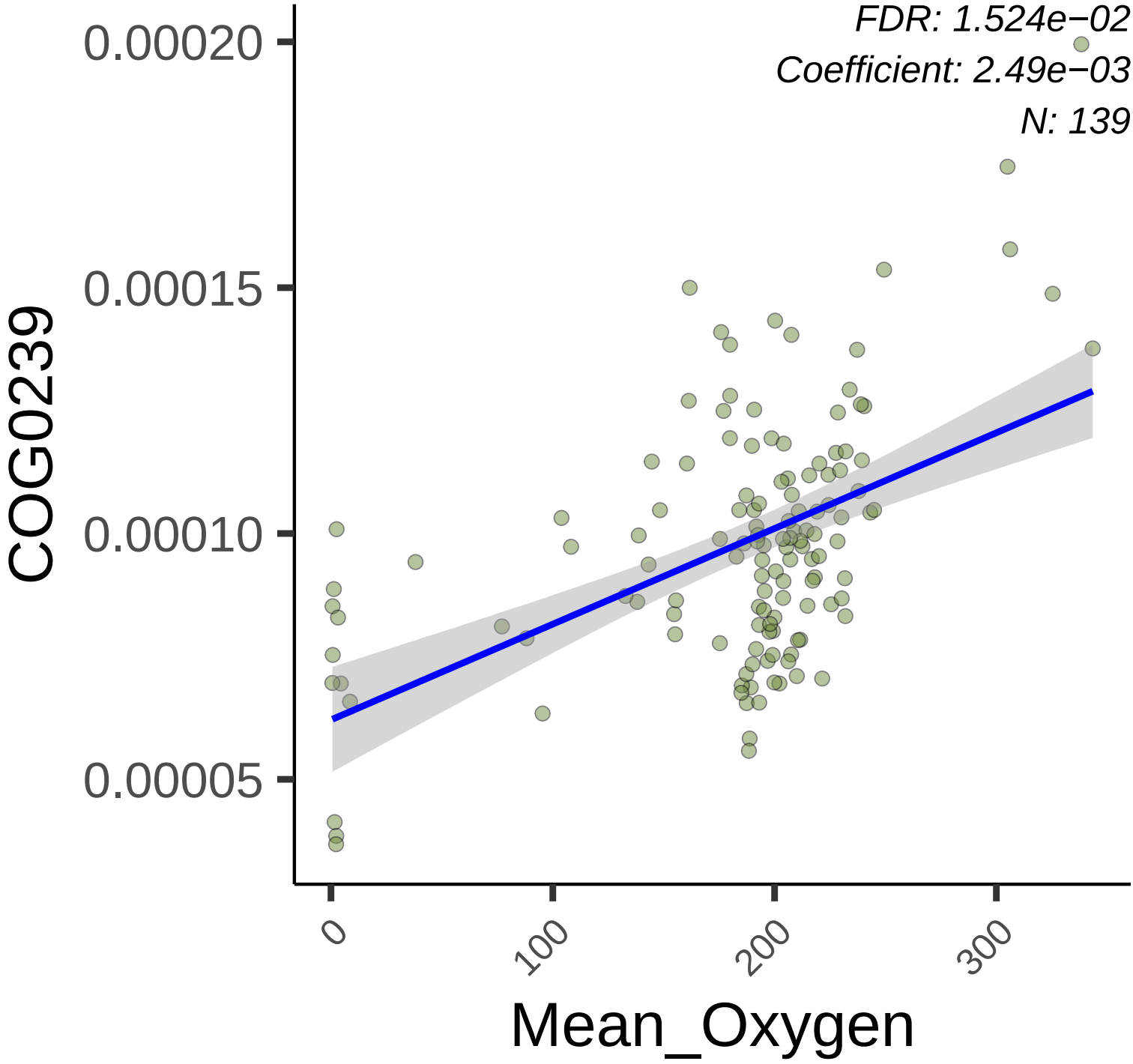
200
300
Mean_Oxygen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Coefficient: 2.49e−03
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COG0239
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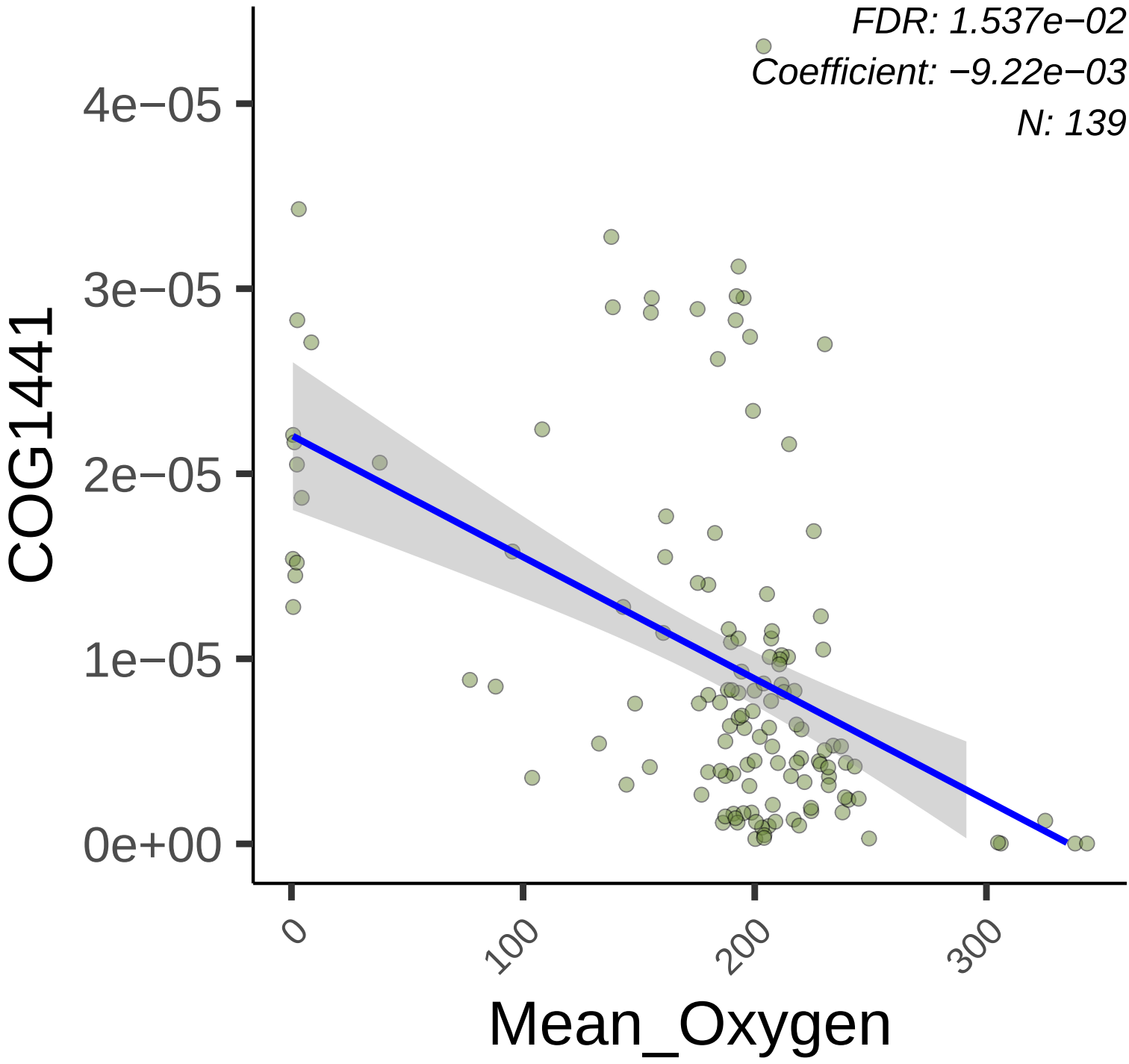
200
300
Mean_Oxygen


FDR: 1.537e−02
Coefficient: −9.22e−03
N: 139
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2e−05
1e−05
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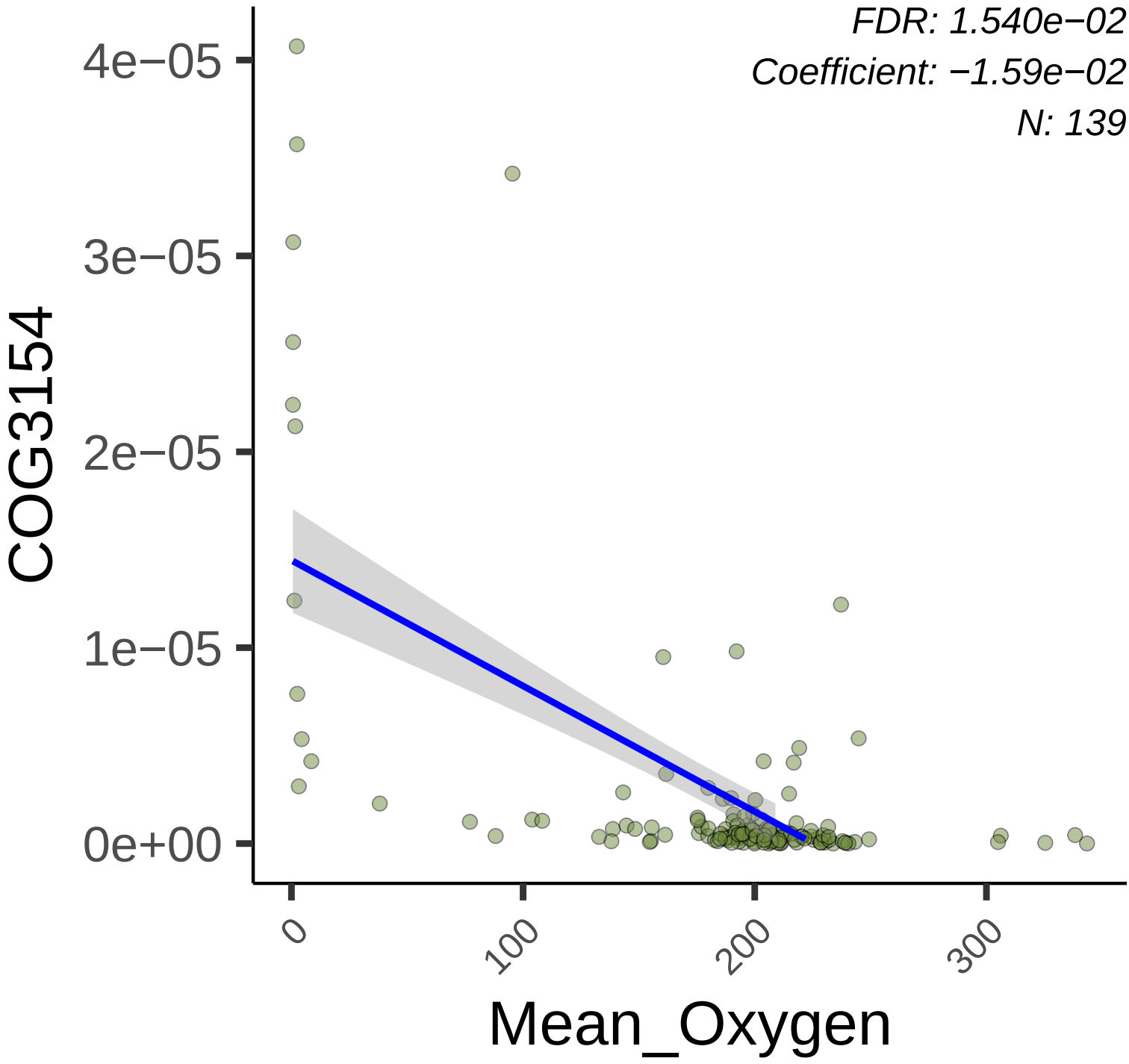
300
Mean_Oxygen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Coefficient: −1.59e−02
N: 139
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3e−05
2e−05
1e−05
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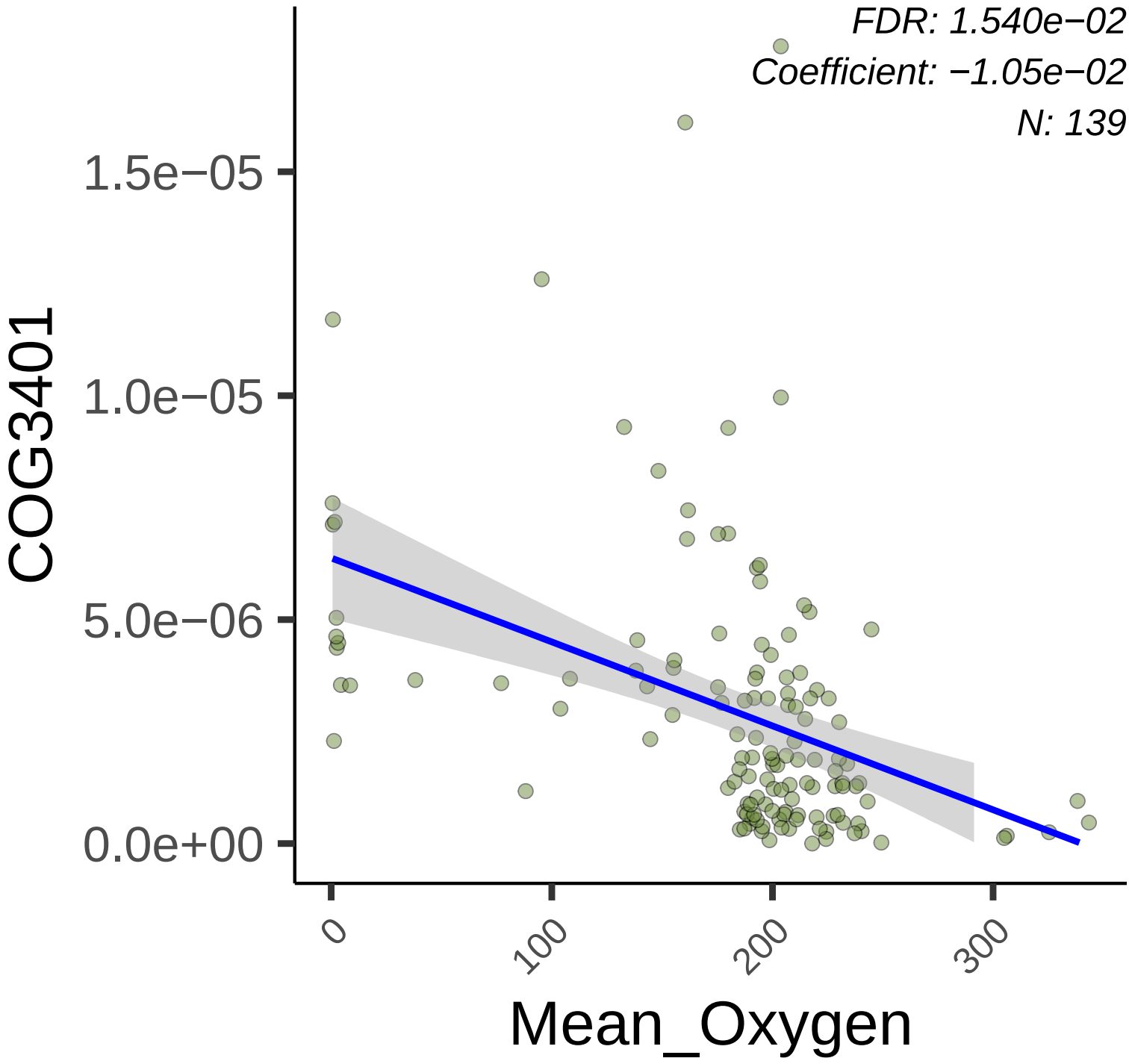
300
Mean_Oxygen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Coefficient: −1.05e−02
N: 139
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1.0e−05
5.0e−06
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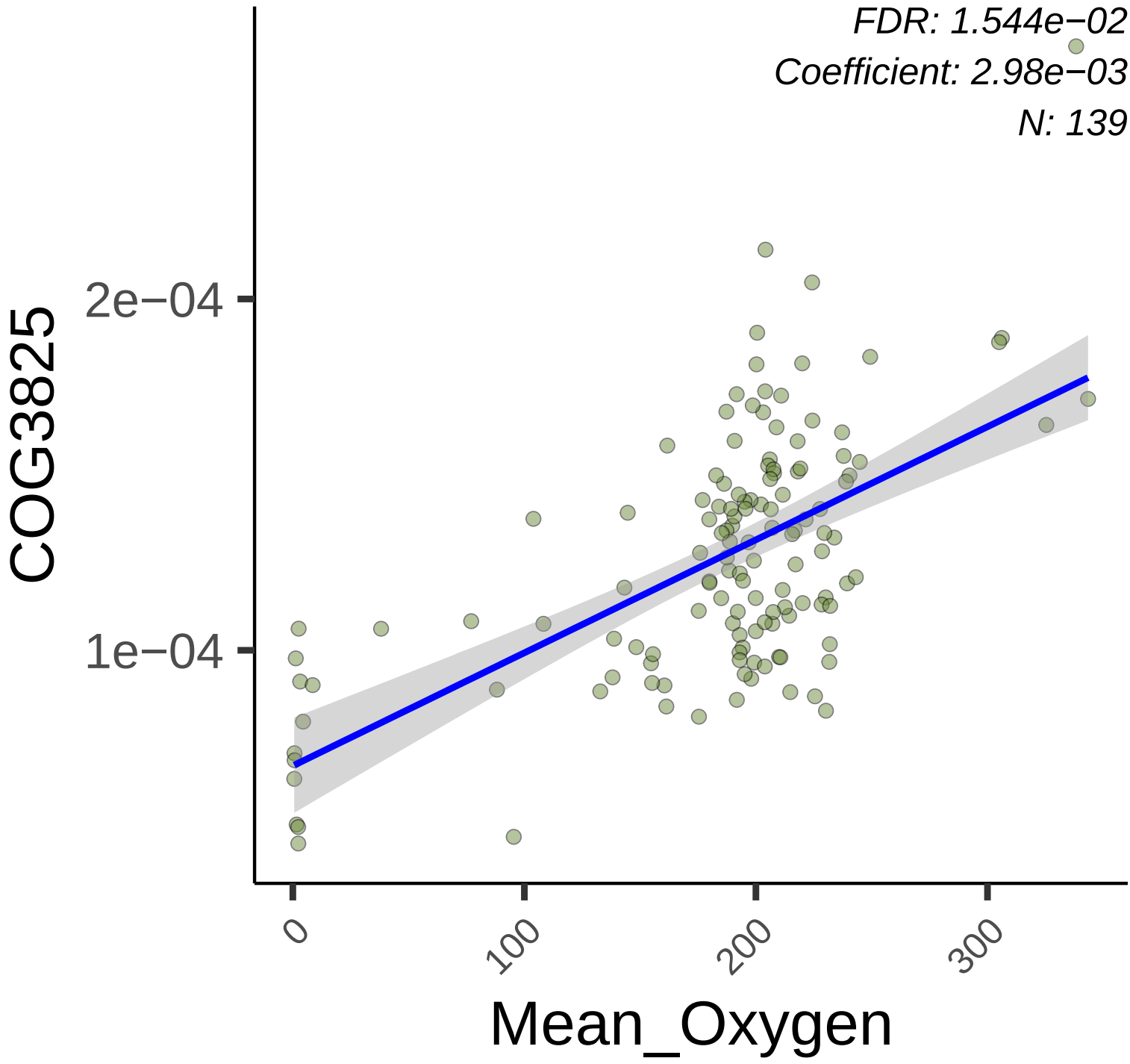
200
300
Mean_Oxygen


FDR: 1.544e−02
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N: 139
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1e−04
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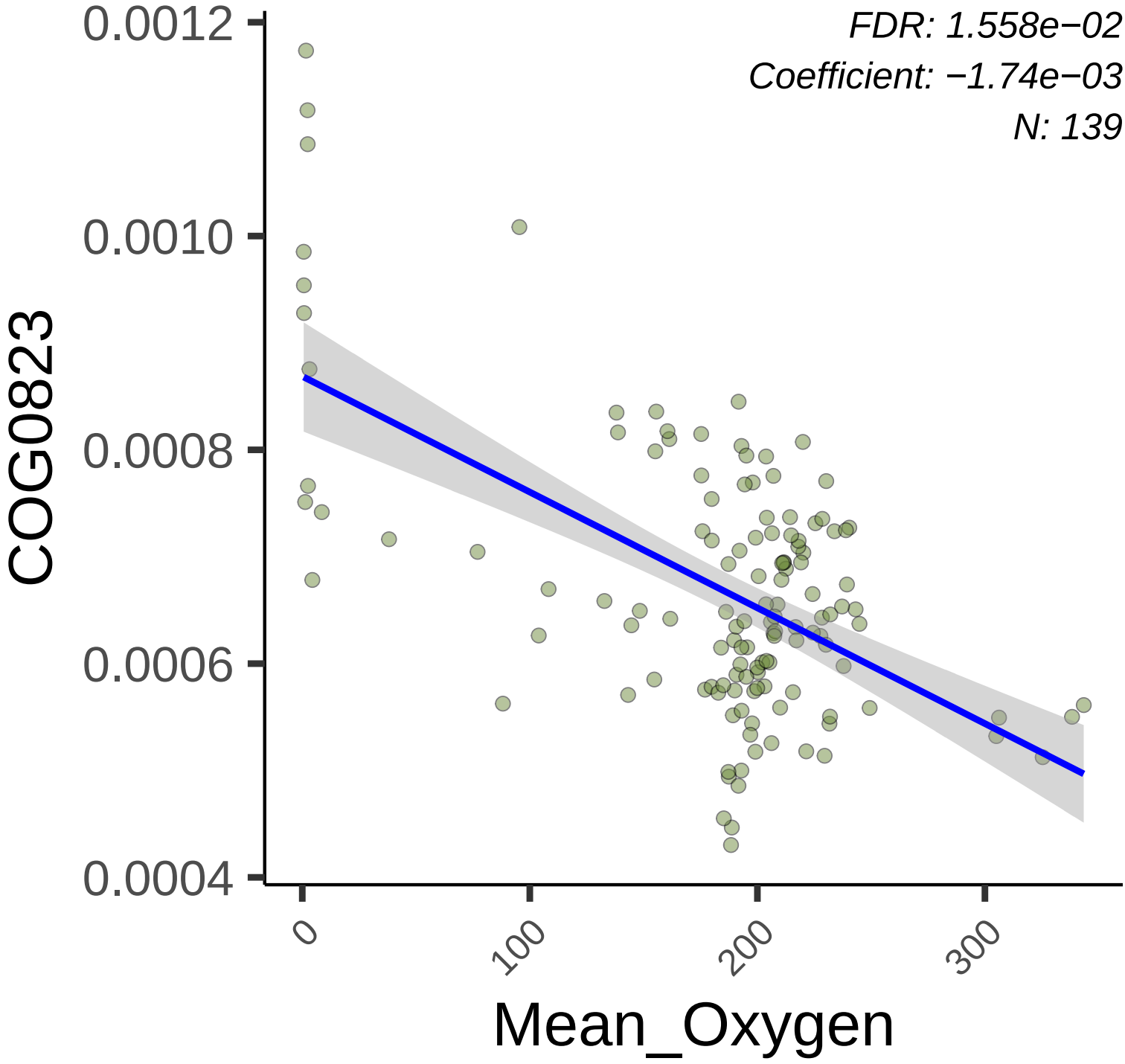
300
Mean_Oxygen


FDR: 1.558e−02
Coefficient: −1.74e−03
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0.0004
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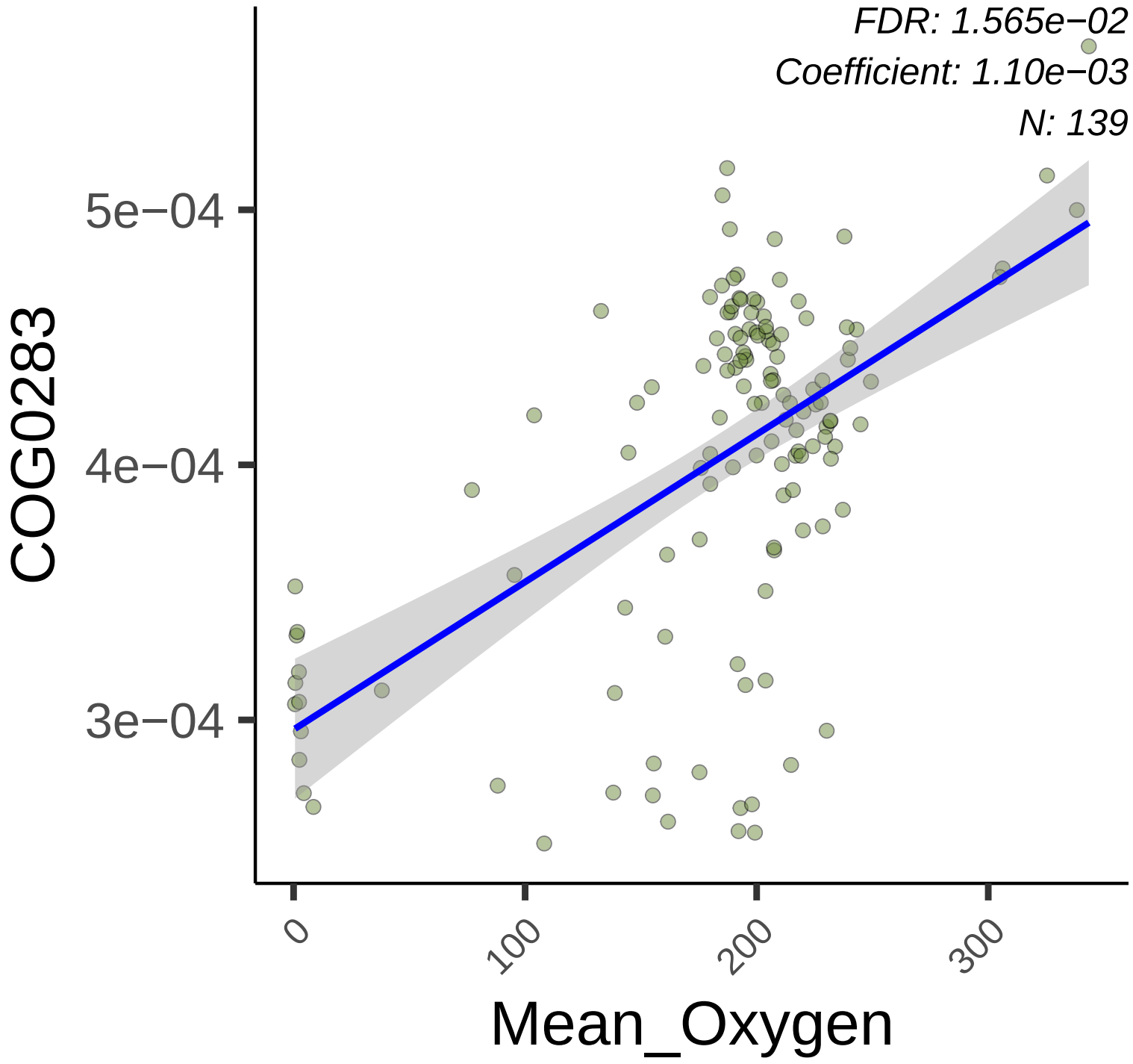
Mean_Oxygen


FDR: 1.565e−02
Coefficient: 1.10e−03
N: 139
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COG0283
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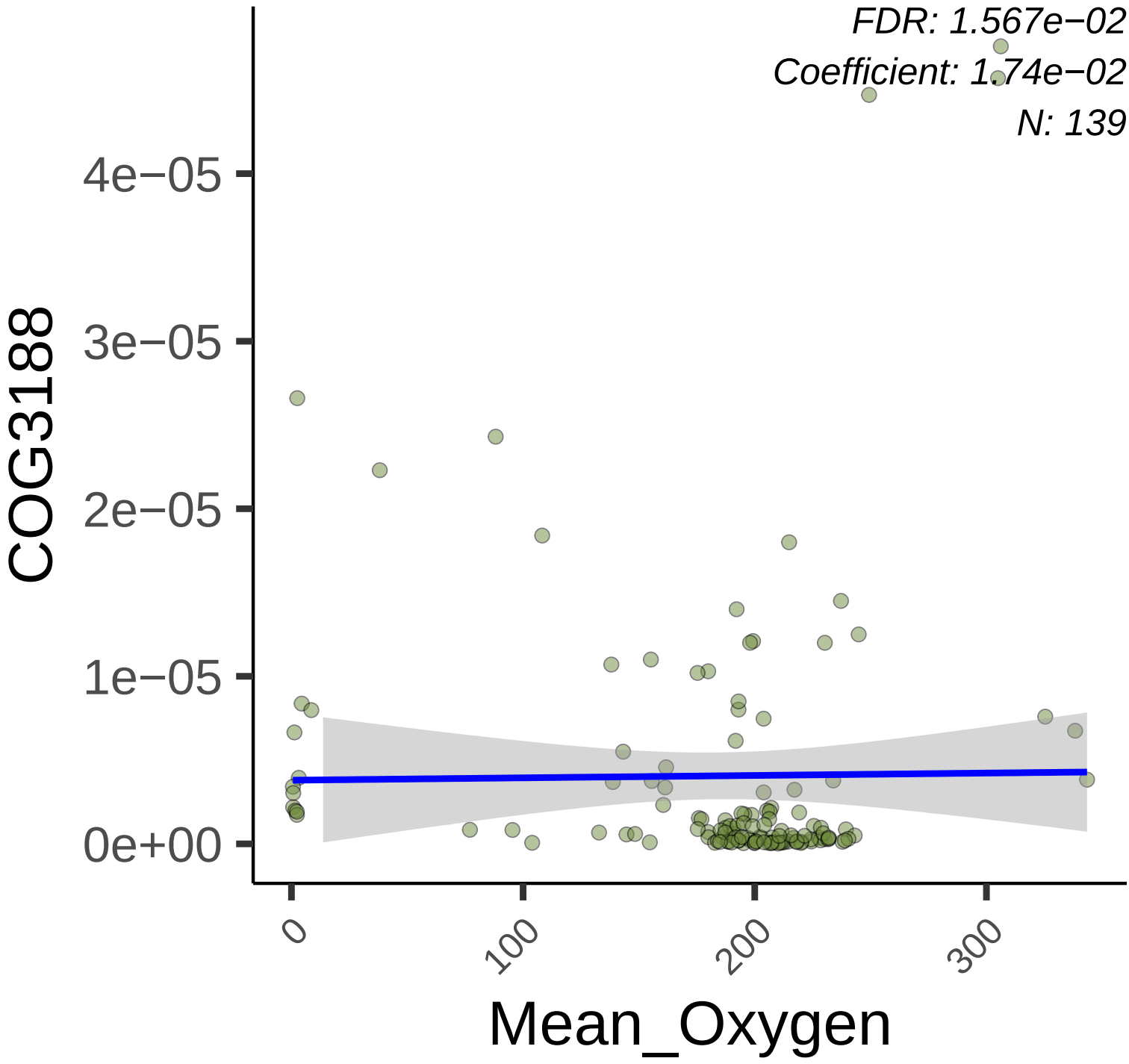
Mean_Oxygen


FDR: 1.567e−02
Coefficient: 1.74e−02
N: 139
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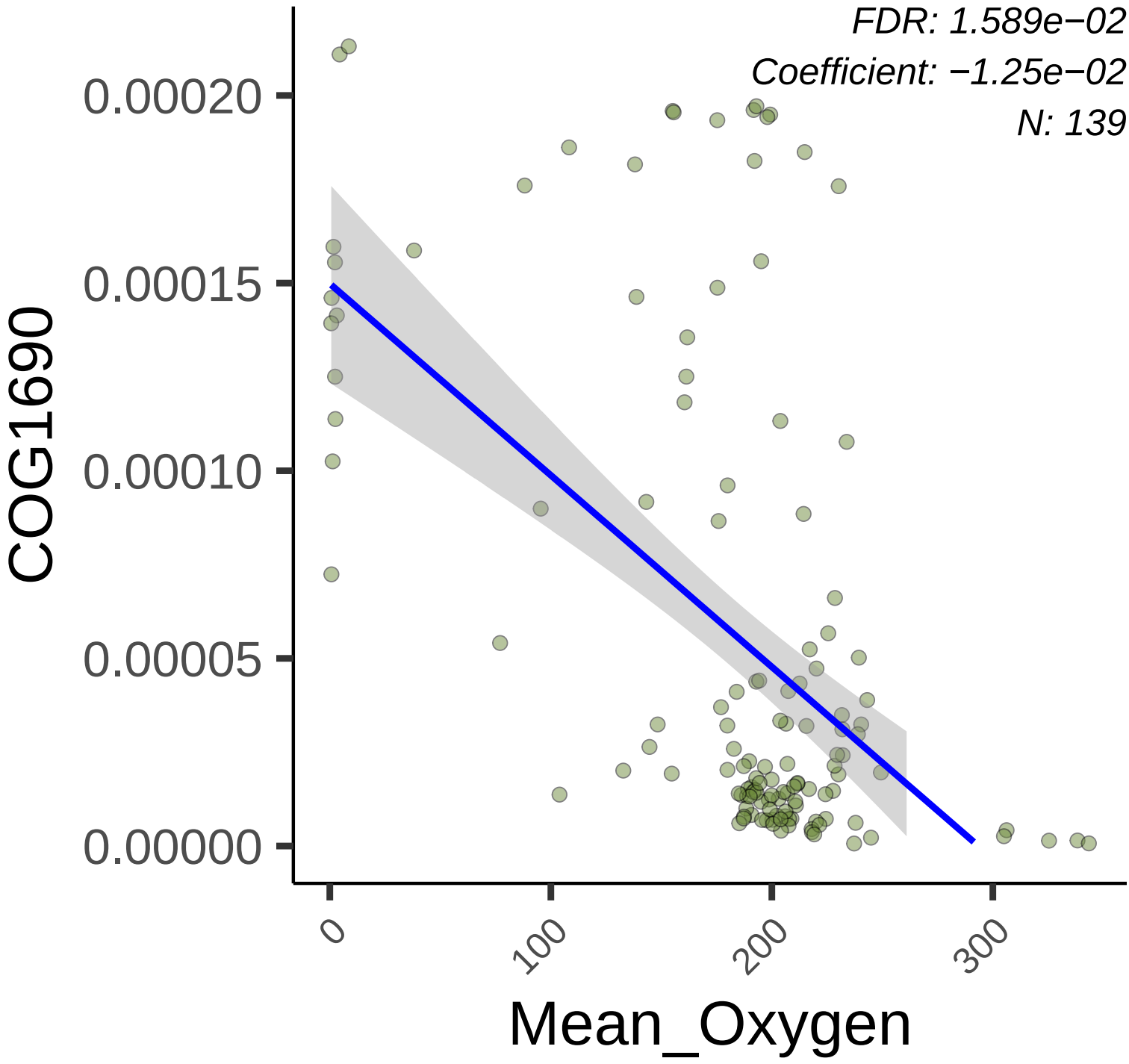
300
Mean_Oxygen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Coefficient: −1.25e−02
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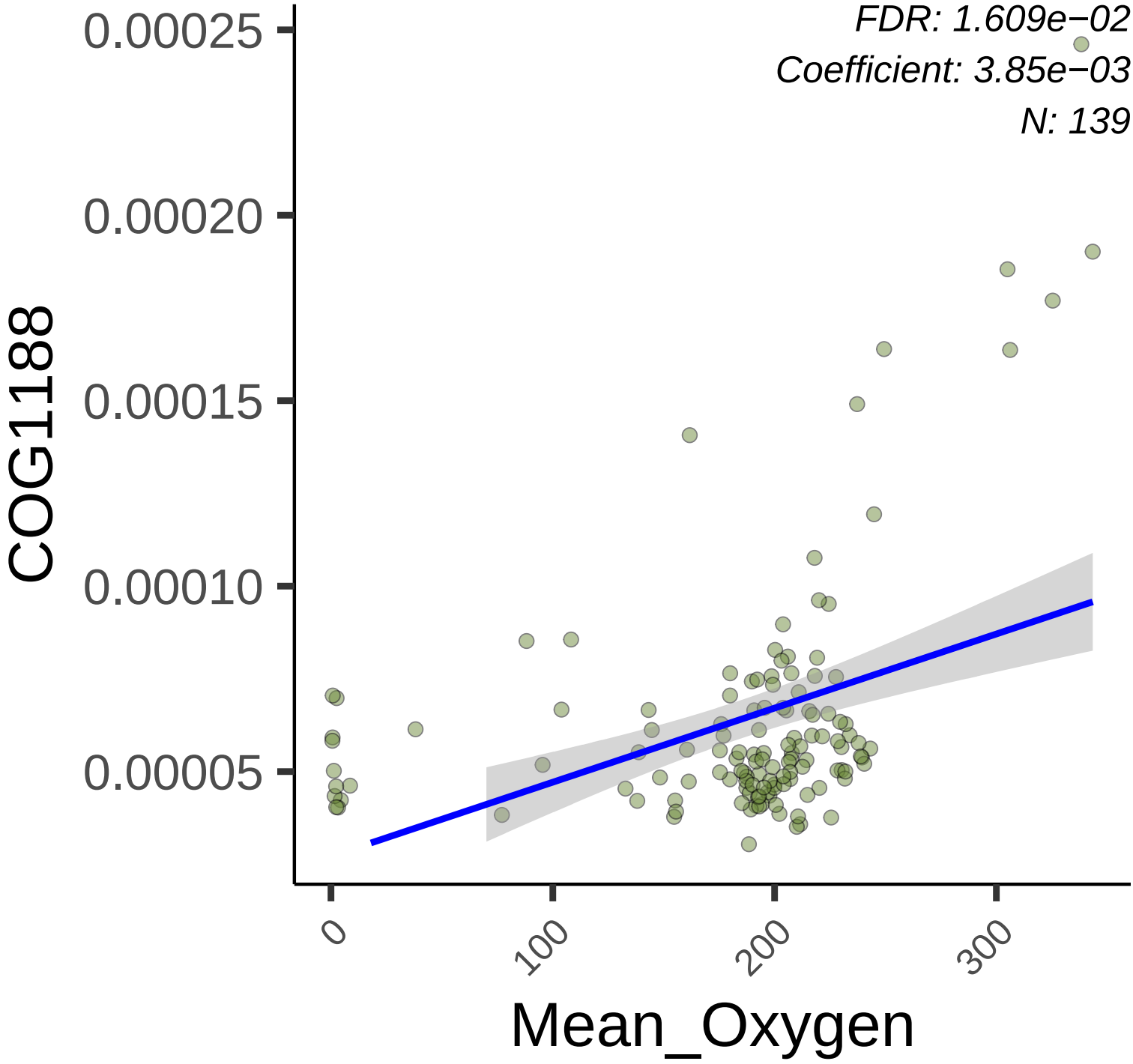
200
300
Mean_Oxygen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Coefficient: 3.85e−03
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0.00010
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COG1188
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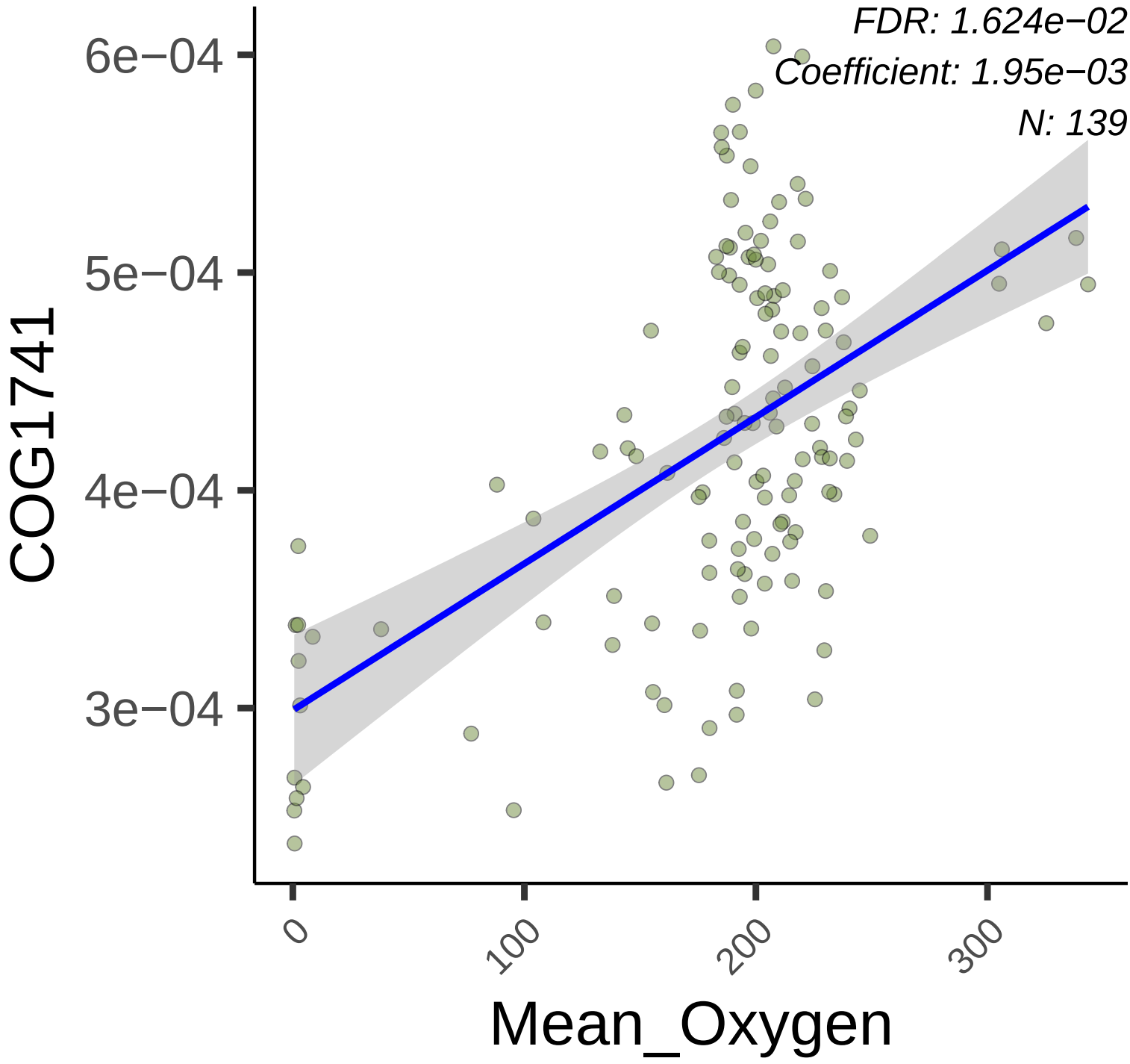
200
300
Mean_Oxygen


FDR: 1.624e−02
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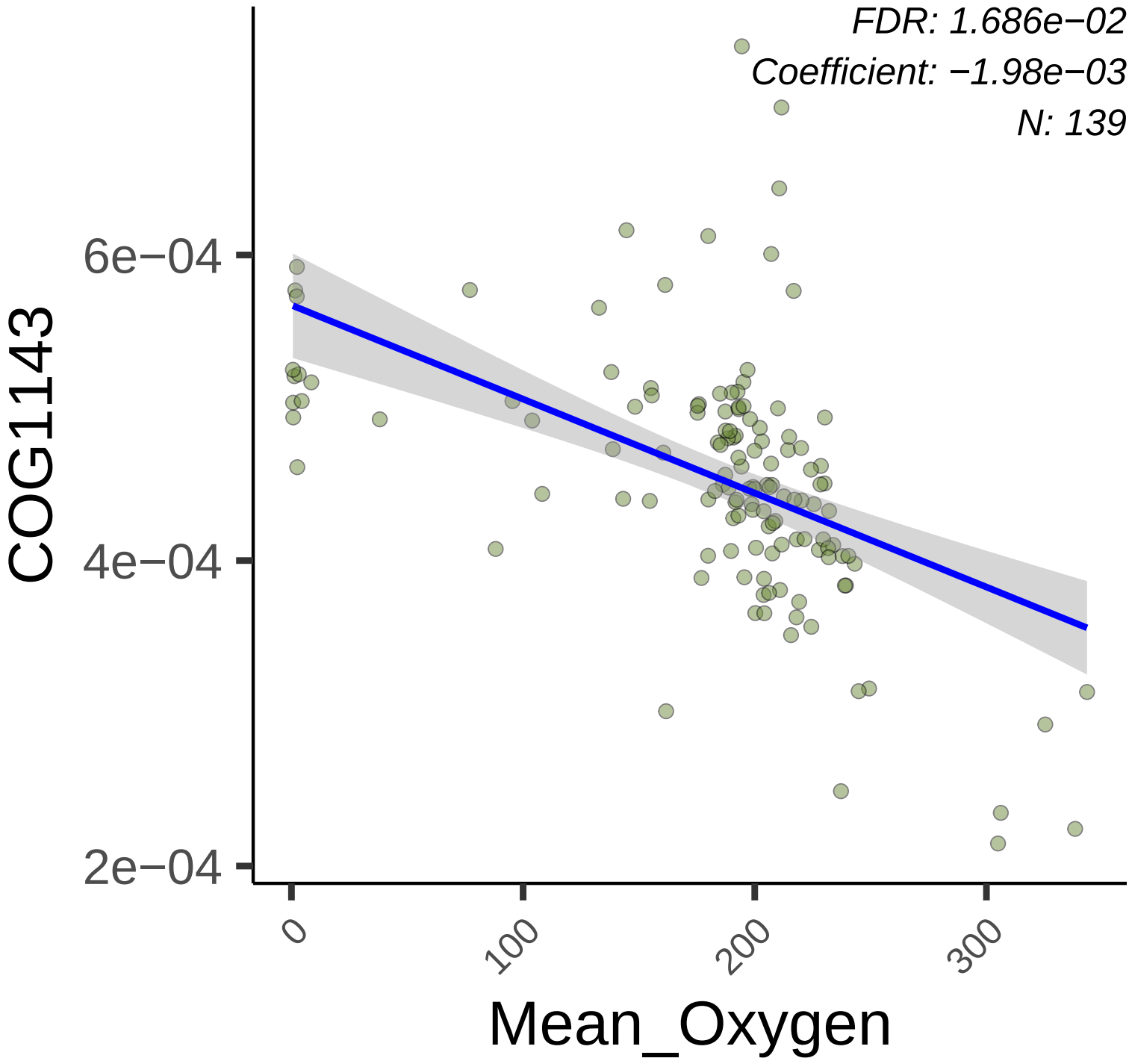
300
Mean_Oxygen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Coefficient: −1.98e−03
N: 139
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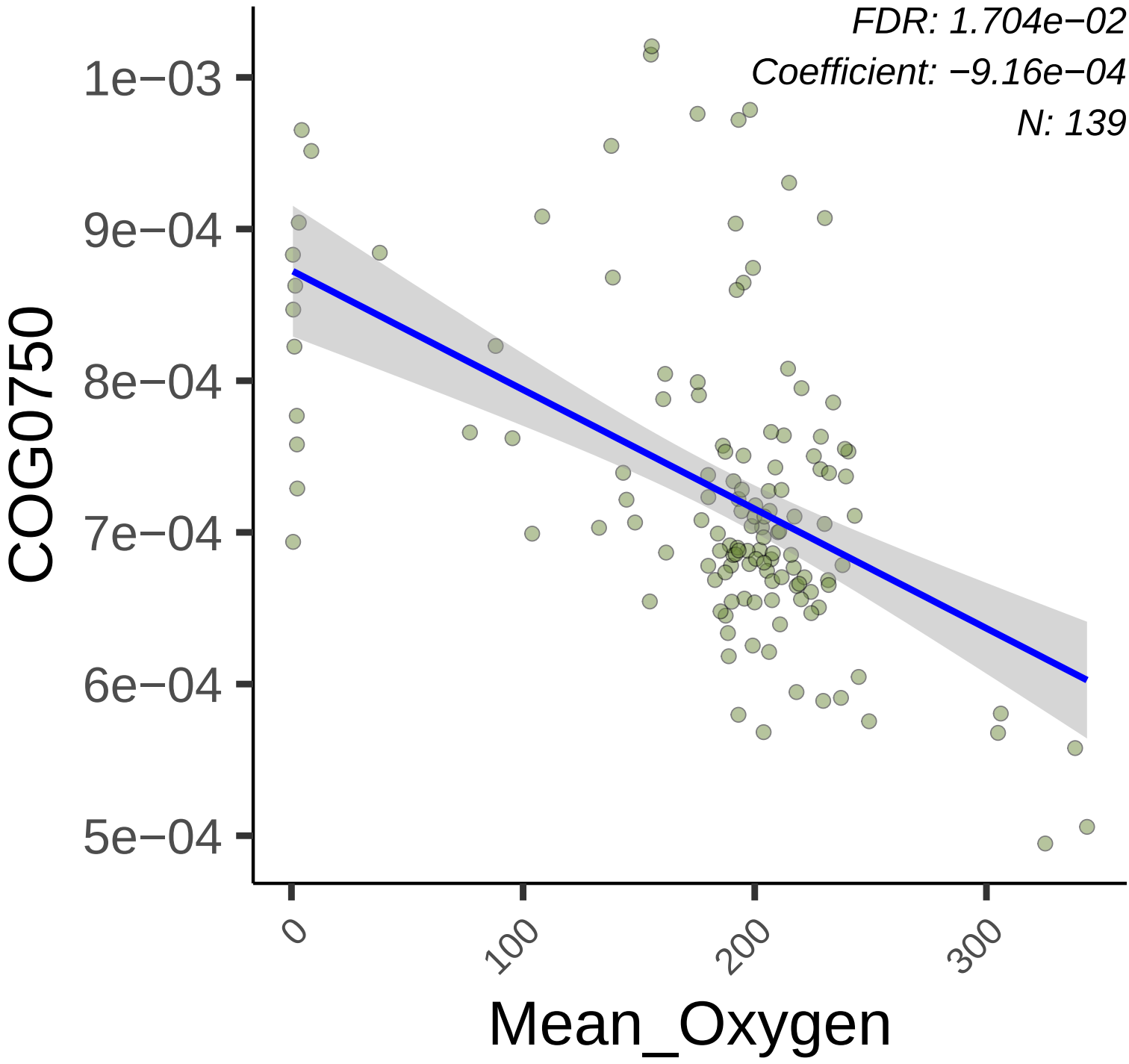
200
300
Mean_Oxygen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Coefficient: −9.16e−04
N: 139
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COG0750
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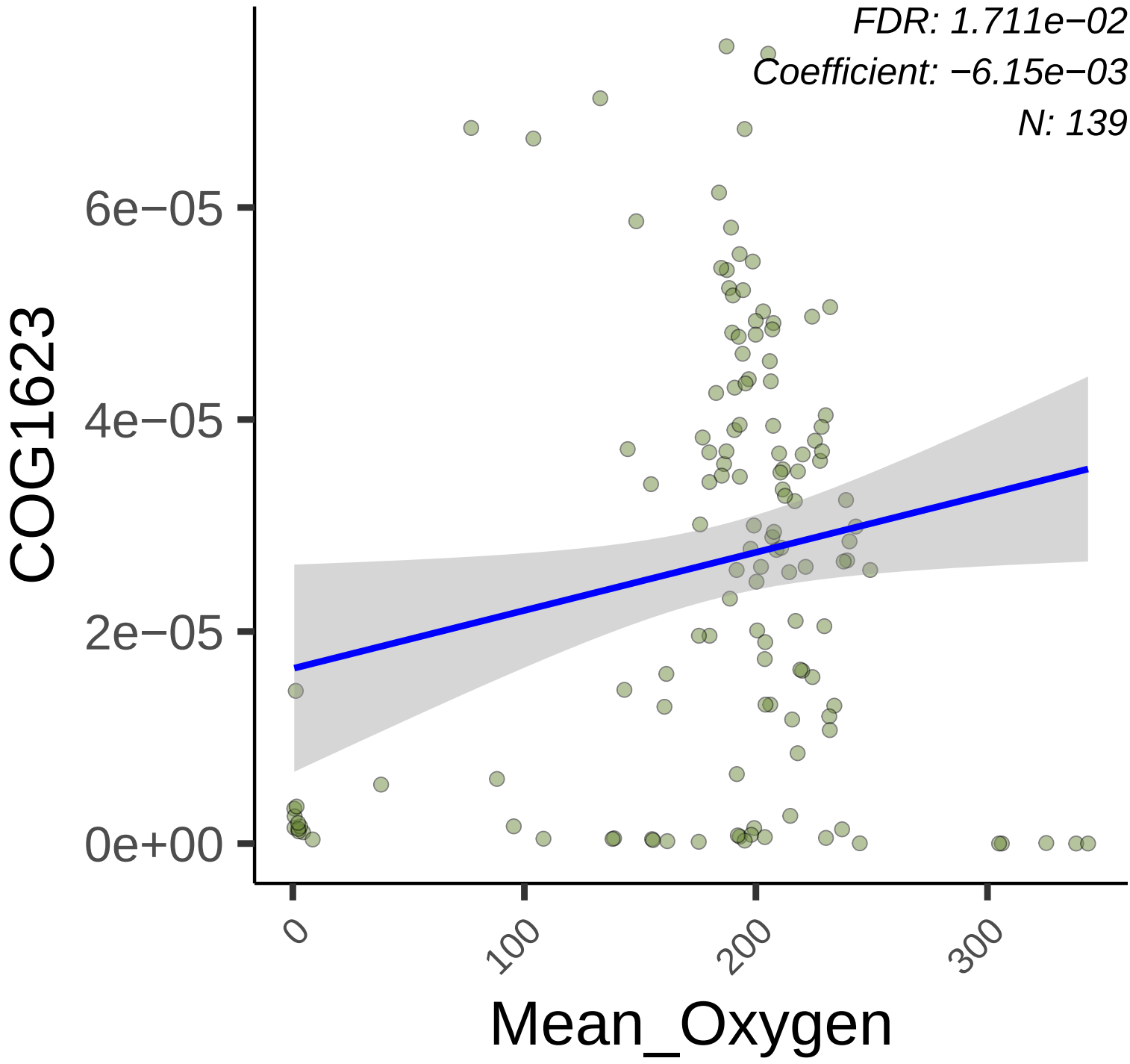
200
300
Mean_Oxygen


FDR: 1.711e−02
Coefficient: −6.15e−03
N: 139
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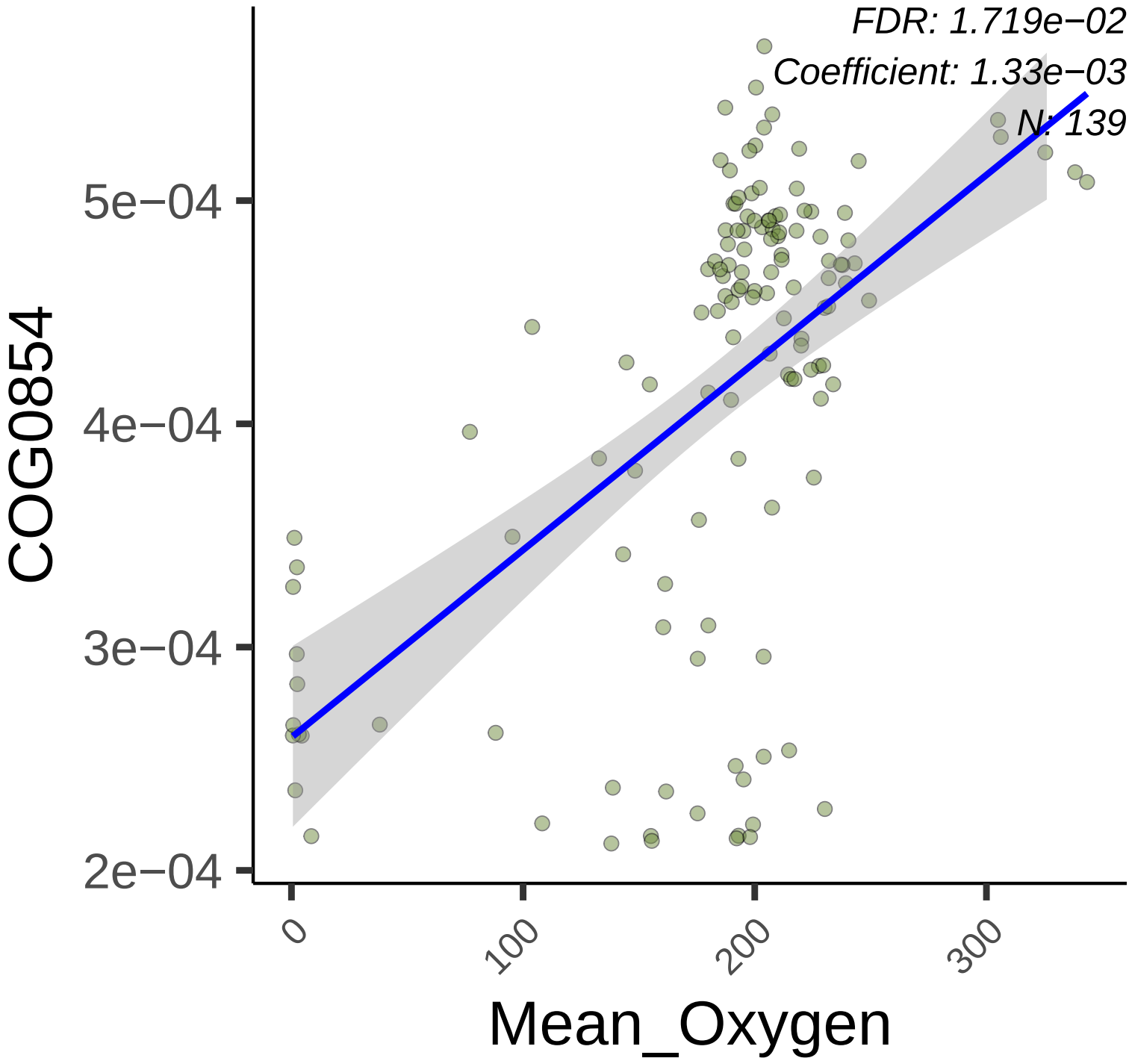
300
Mean_Oxygen


FDR: 1.719e−02
Coefficient: 1.33e−03
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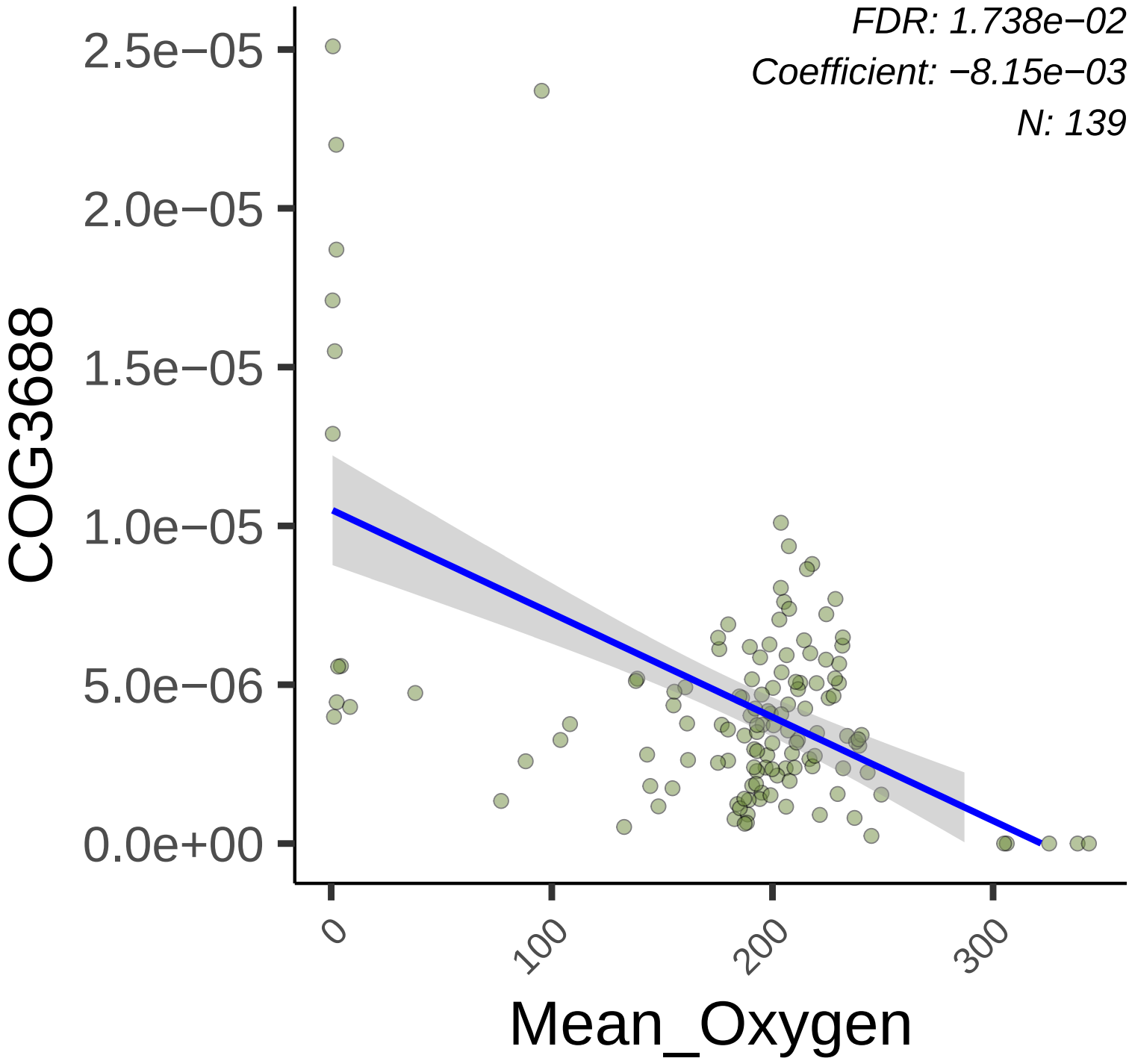
Mean_Oxygen


FDR: 1.738e−02
Coefficient: −8.15e−03
N: 139
COG3688
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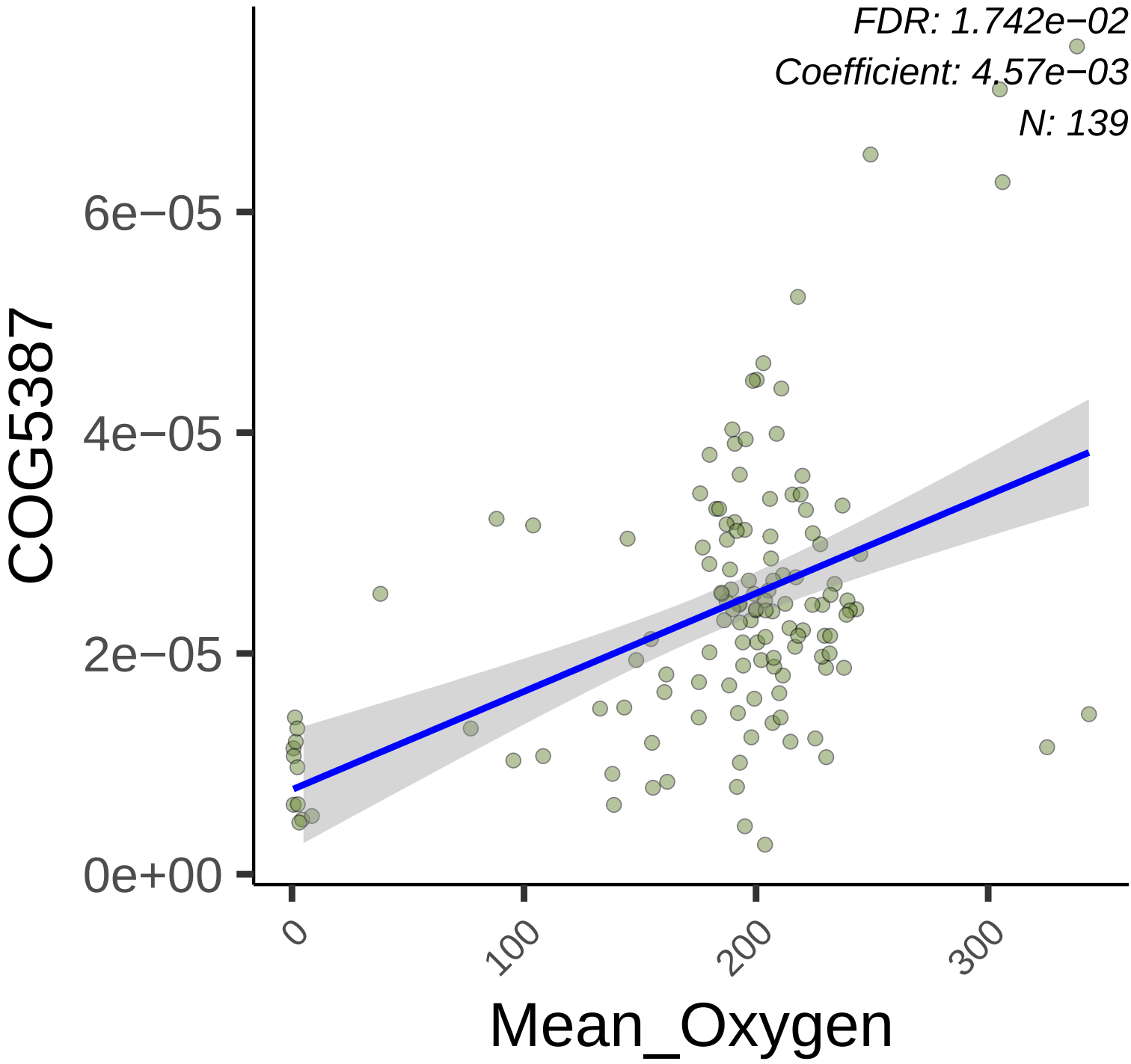
2.0e−05
1.5e−05
1.0e−05
5.0e−06
0.0e+00
0
100
200
300
Mean_Oxygen


FDR: 1.742e−02
Coefficient: 4.57e−03
N: 139
COG5387
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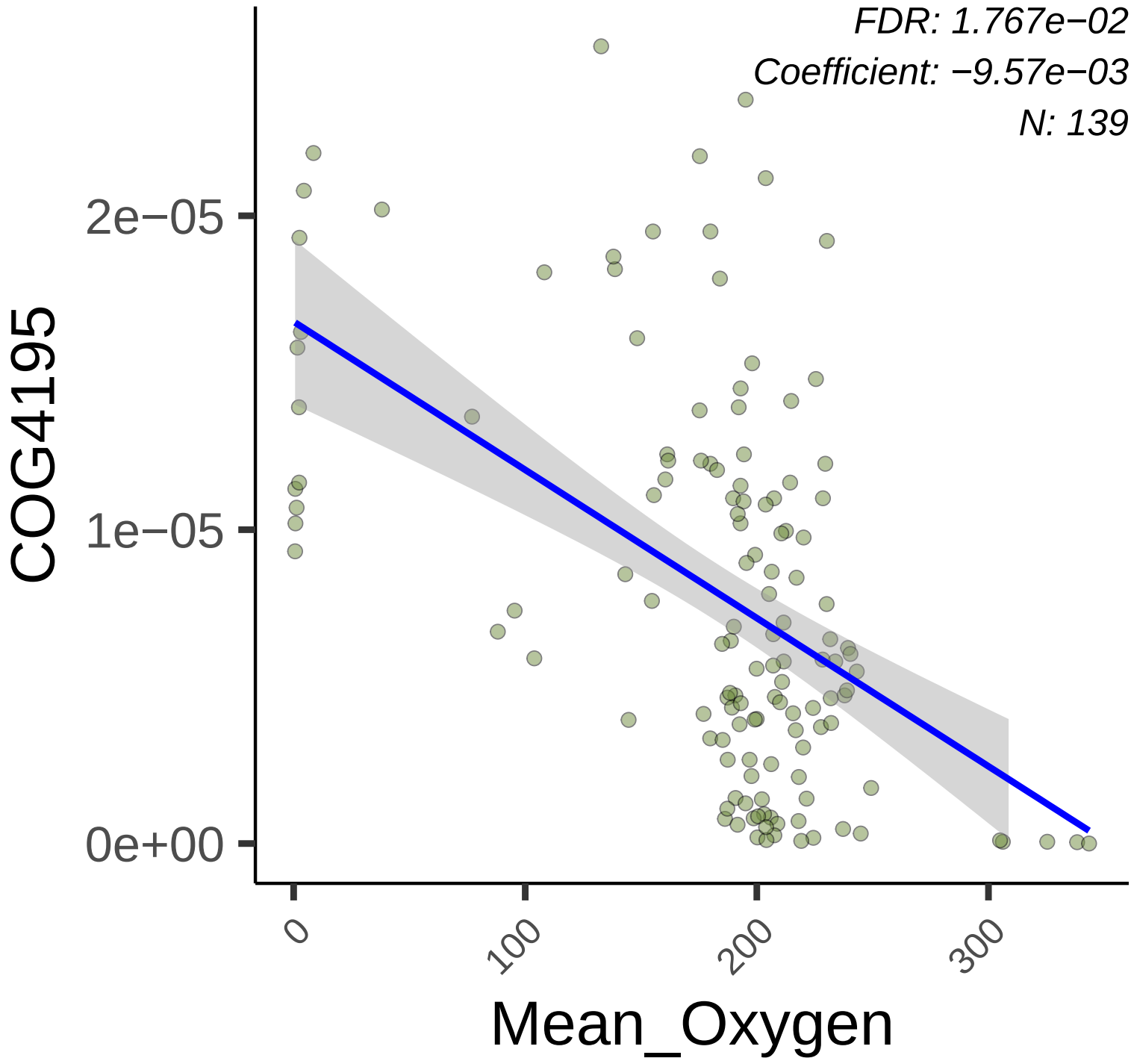
Mean_Oxygen


FDR: 1.767e−02
Coefficient: −9.57e−03
N: 139
COG4195
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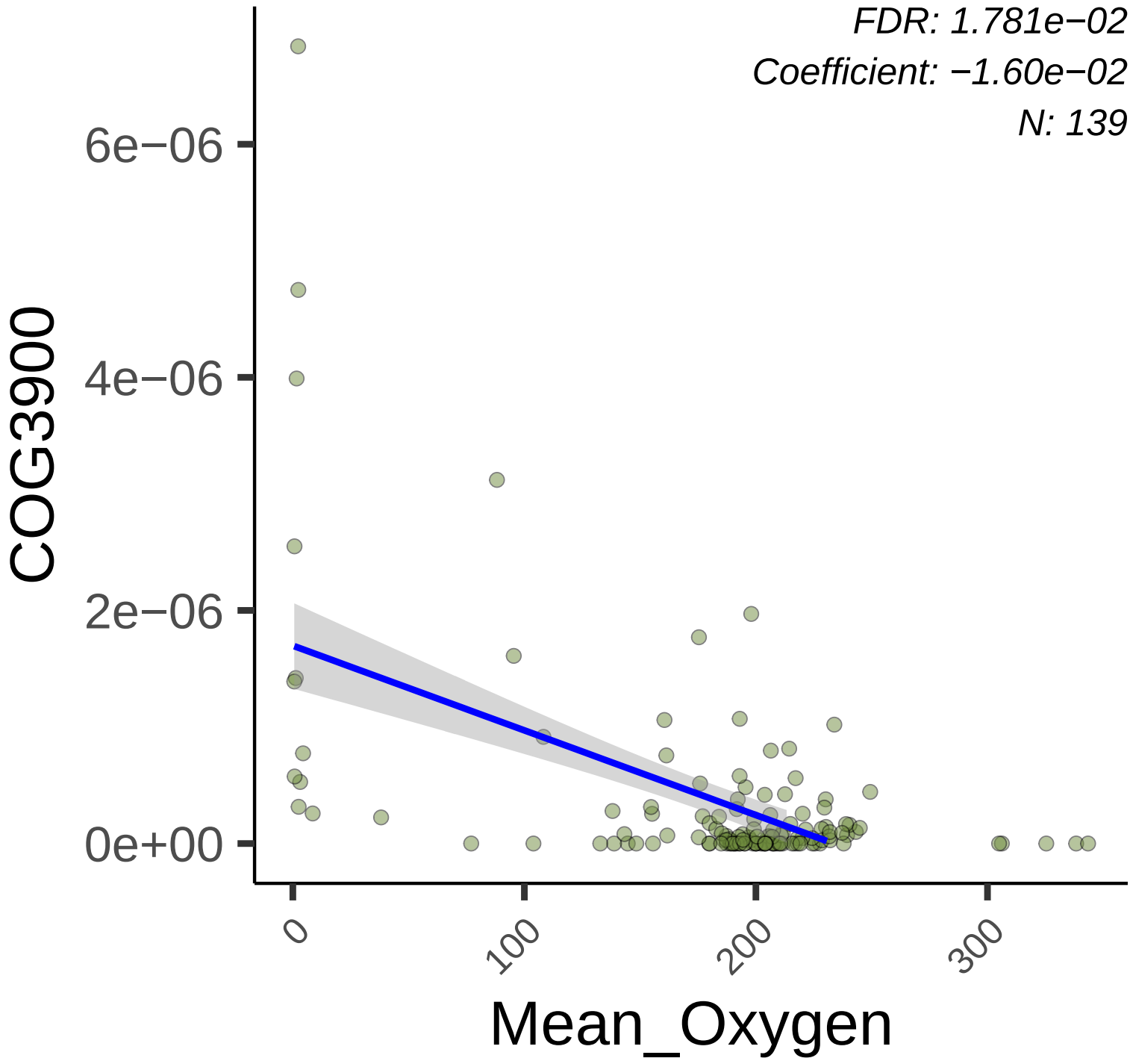
Mean_Oxygen


FDR: 1.781e−02
Coefficient: −1.60e−02
N: 139
COG3900
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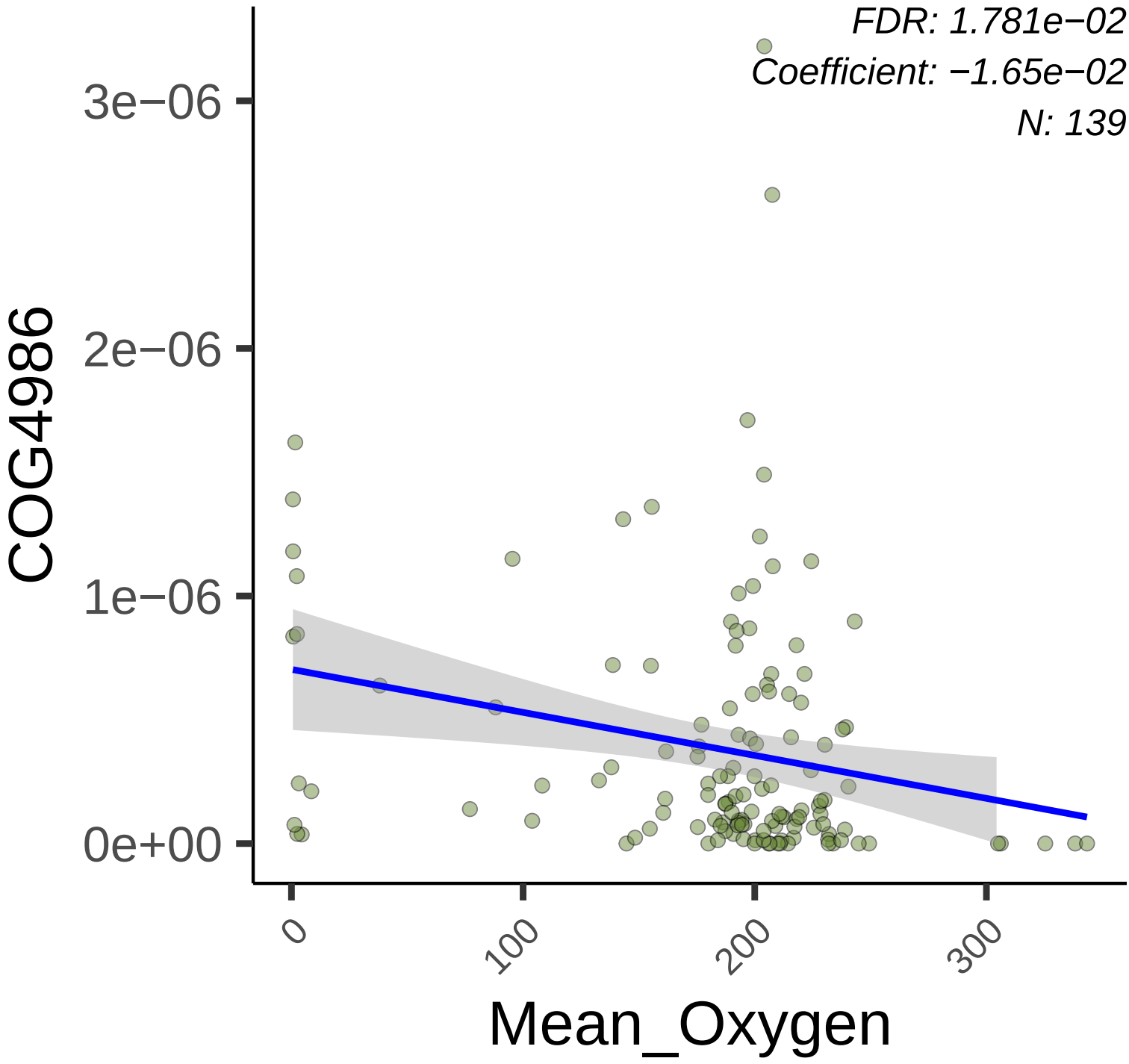
Mean_Oxygen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Coefficient: −1.65e−02
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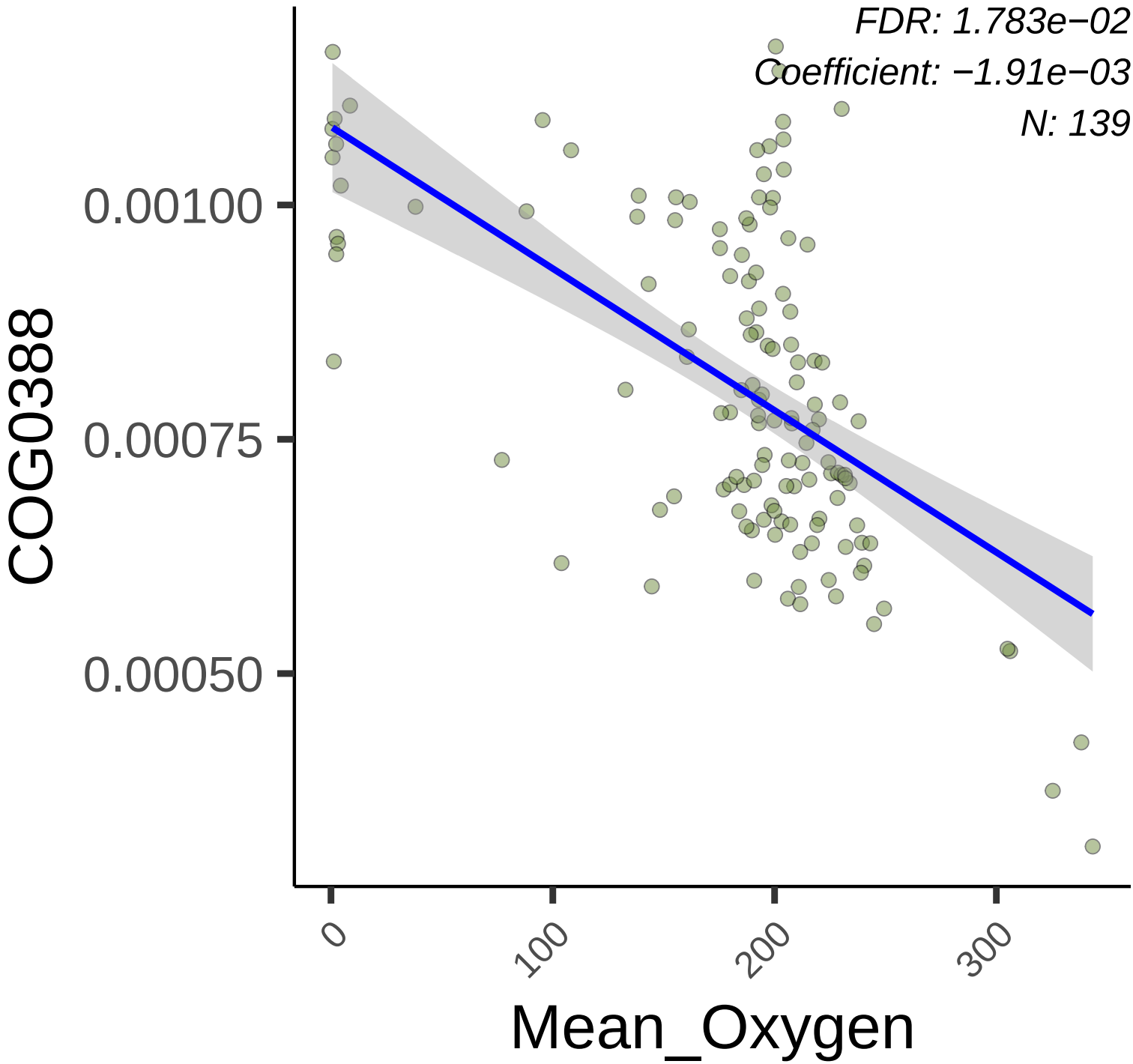
Mean_Oxygen


FDR: 1.783e−02
Coefficient: −1.91e−03
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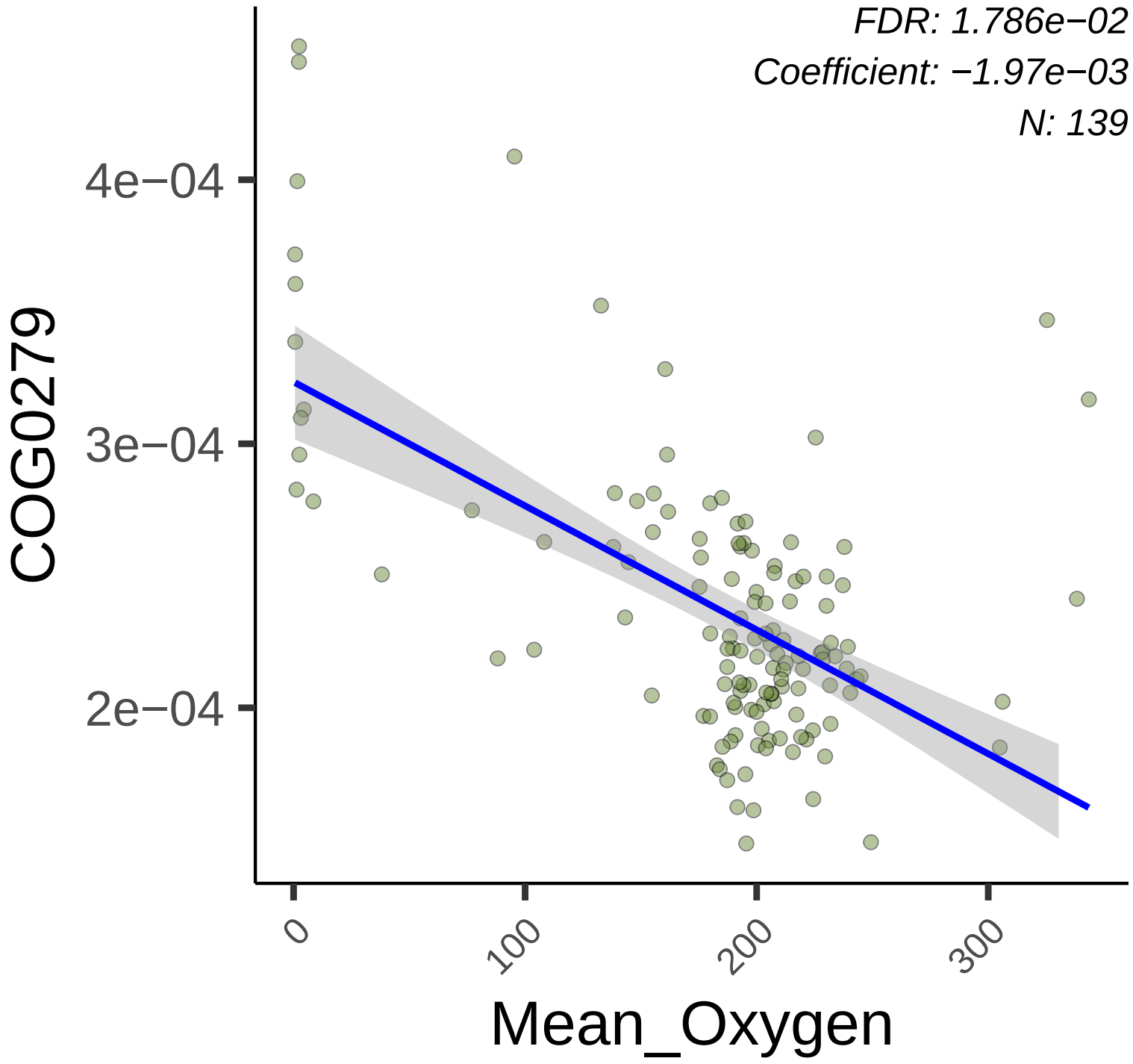
Mean_Oxygen


FDR: 1.786e−02
Coefficient: −1.97e−03
N: 139
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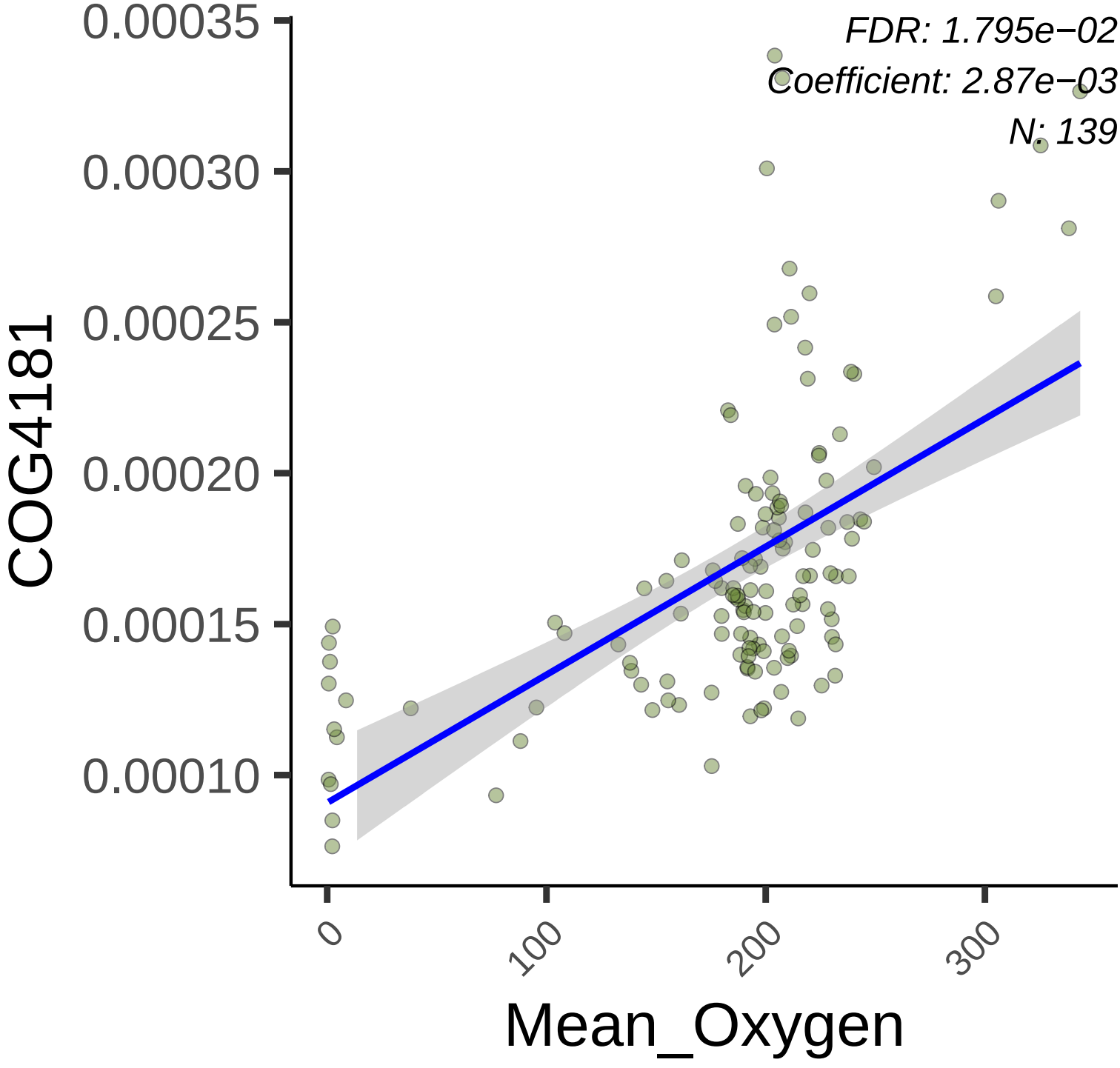
Mean_Oxygen


FDR: 1.795e−02
Coefficient: 2.87e−03
N: 139
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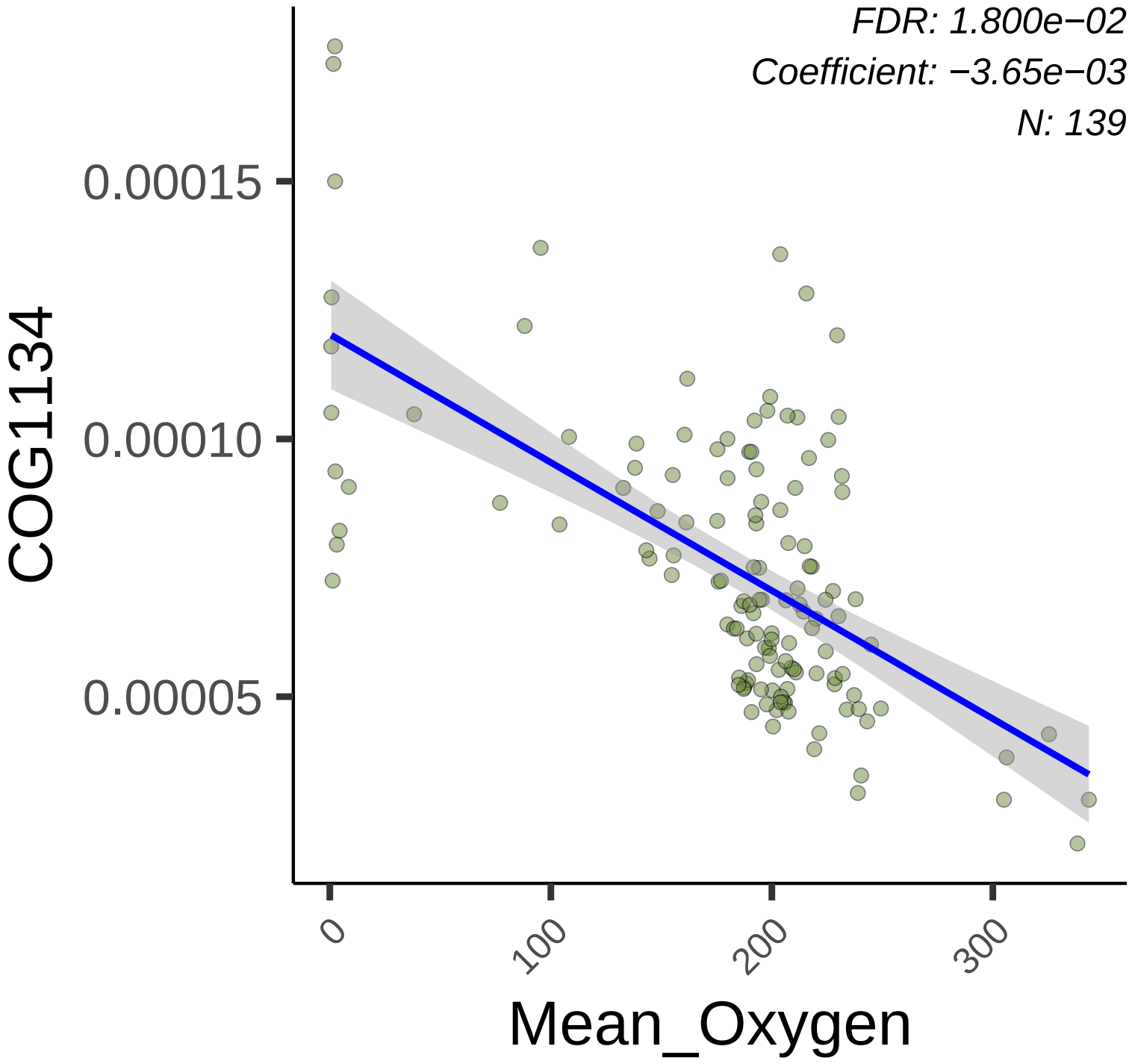
Mean_Oxygen


FDR: 1.800e−02
Coefficient: −3.65e−03
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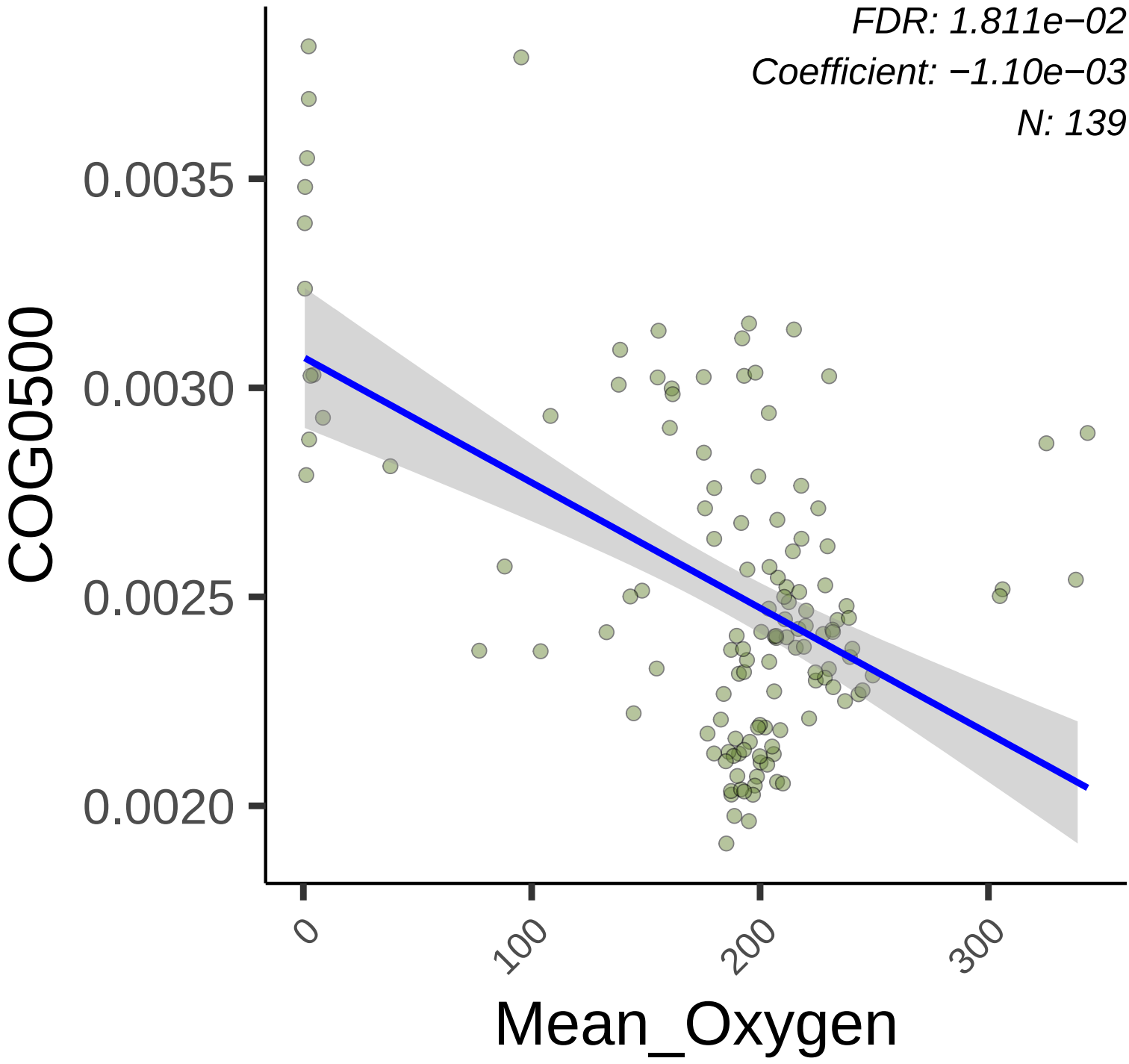
Mean_Oxygen


FDR: 1.811e−02
Coefficient: −1.10e−03
N: 139
COG0500
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0.0020
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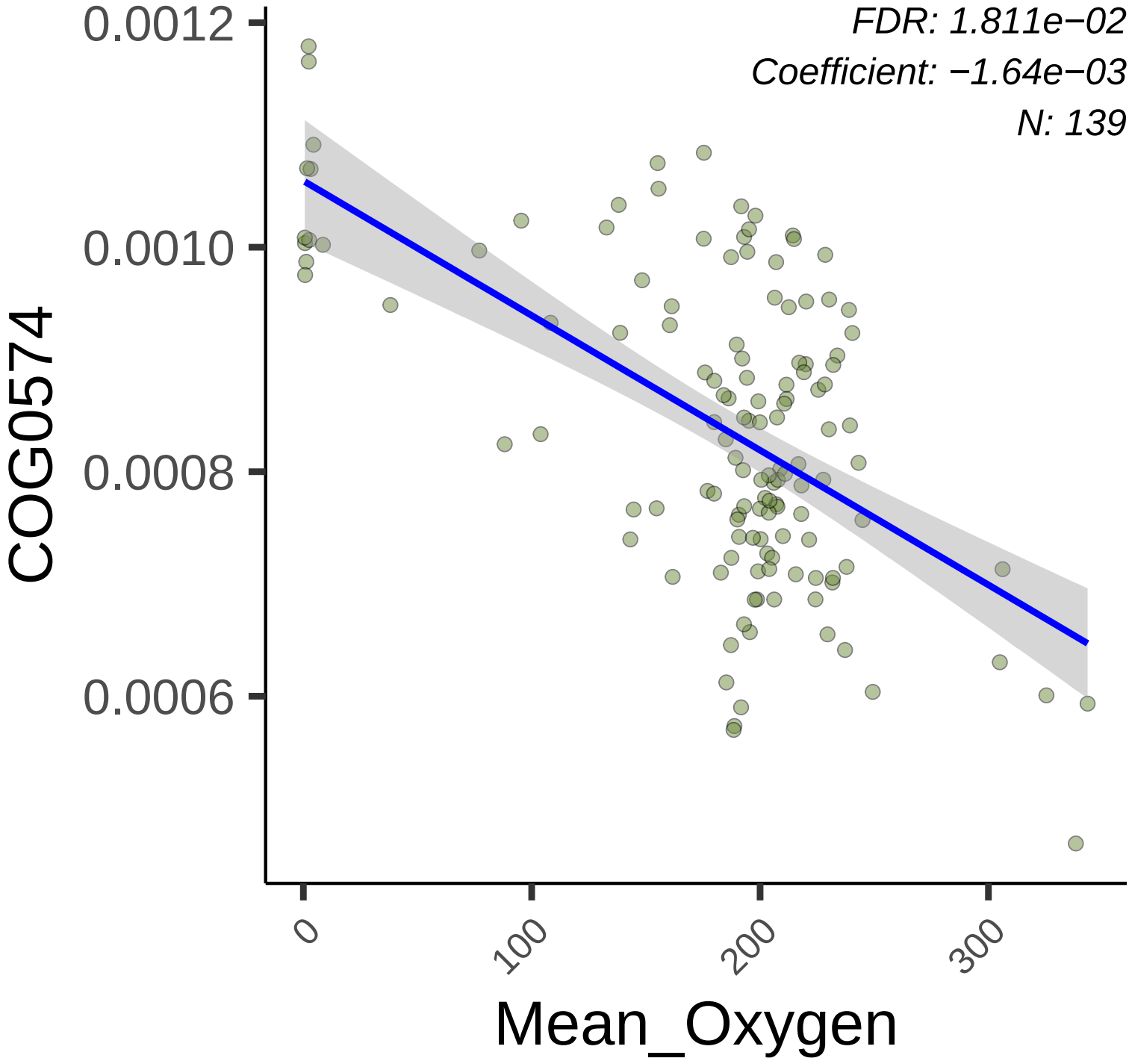
Mean_Oxygen


FDR: 1.811e−02
Coefficient: −1.64e−03
N: 139
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0.0006
COG0574
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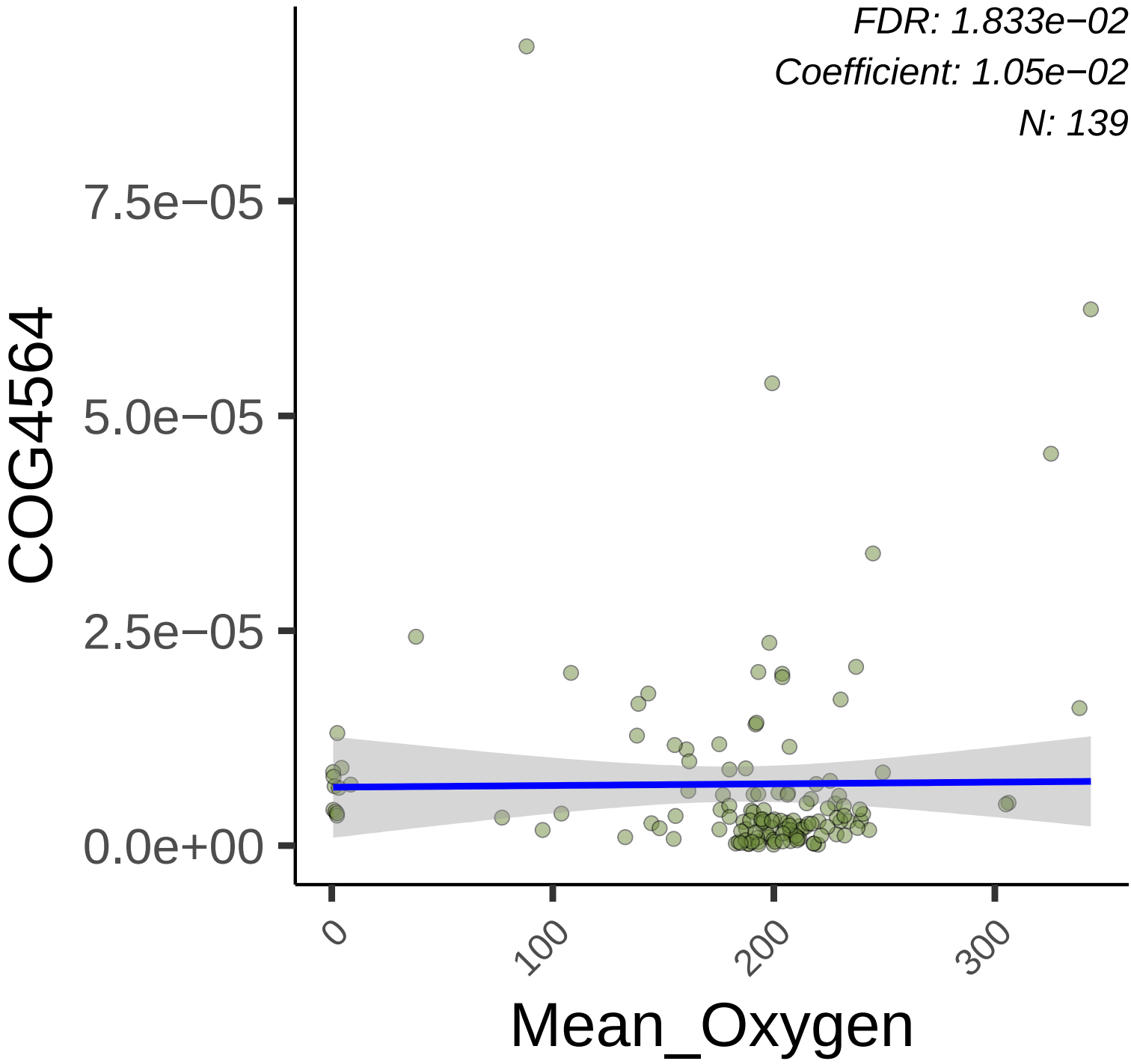
Mean_Oxygen


FDR: 1.833e−02
Coefficient: 1.05e−02
N: 139
COG4564
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2.5e−05
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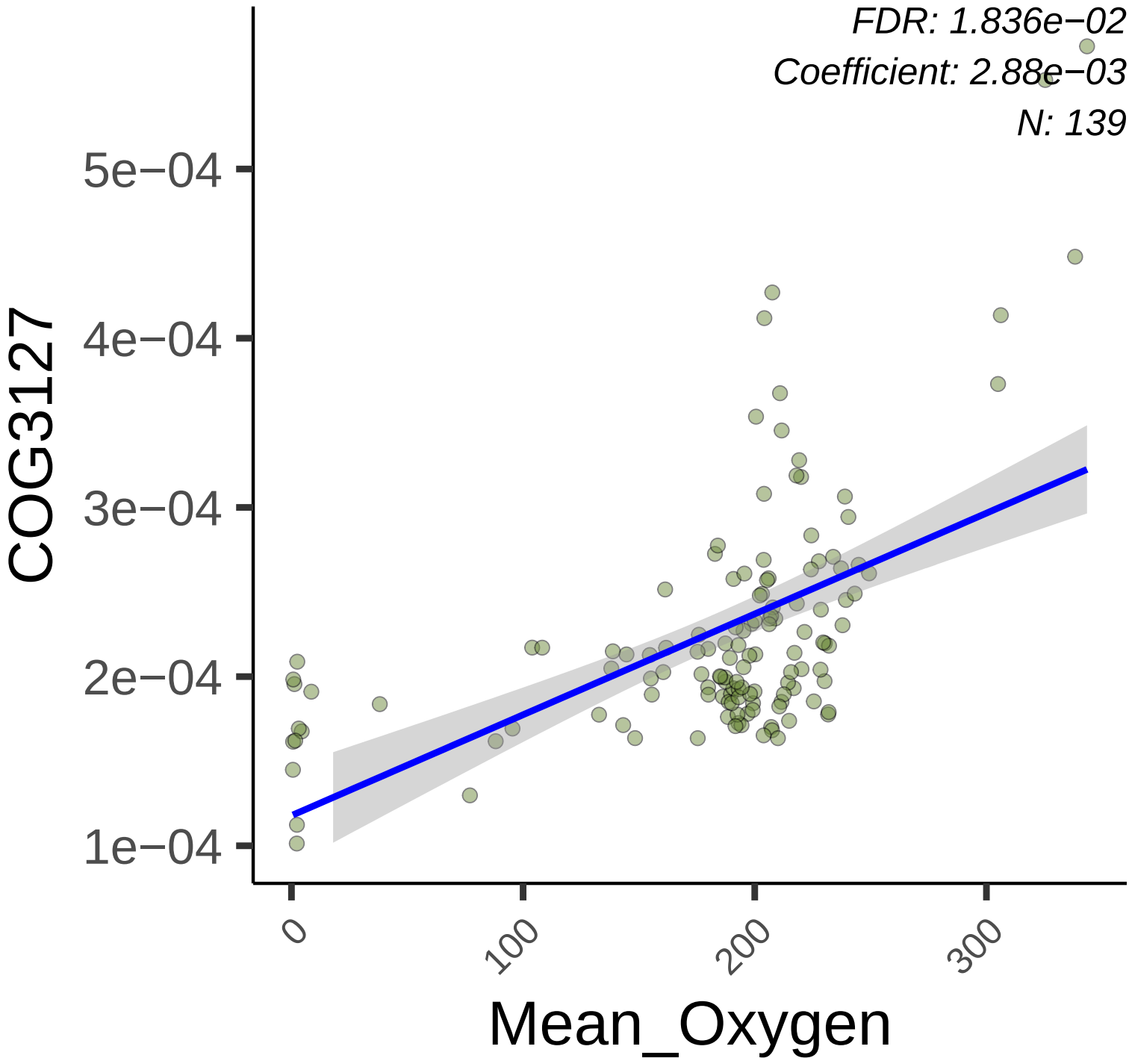
200
300
Mean_Oxygen


FDR: 1.836e−02
Coefficient: 2.88e−03
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COG3127
5e−04
4e−04
3e−04
2e−04
1e−04
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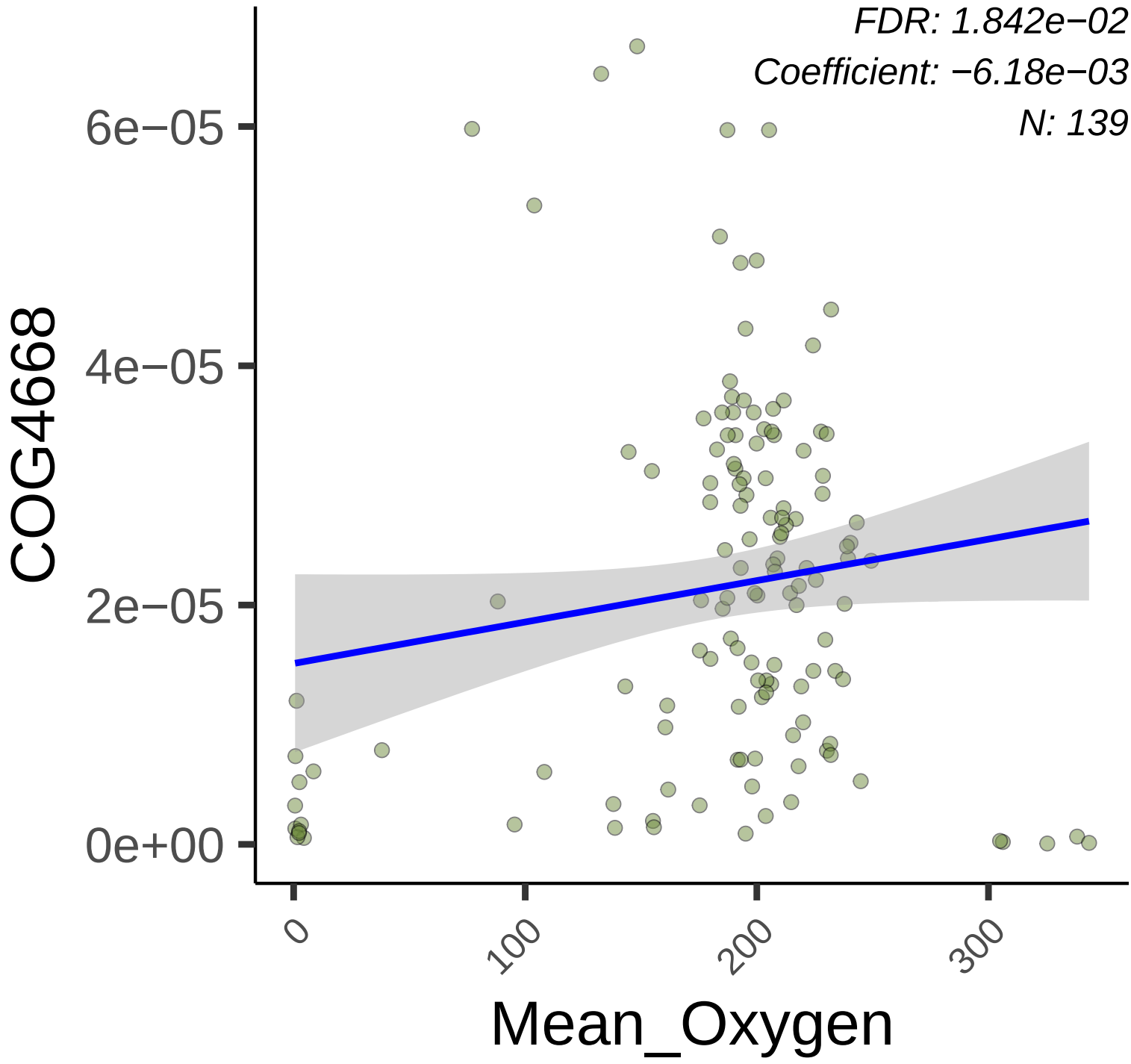
200
300
Mean_Oxygen


FDR: 1.842e−02
Coefficient: −6.18e−03
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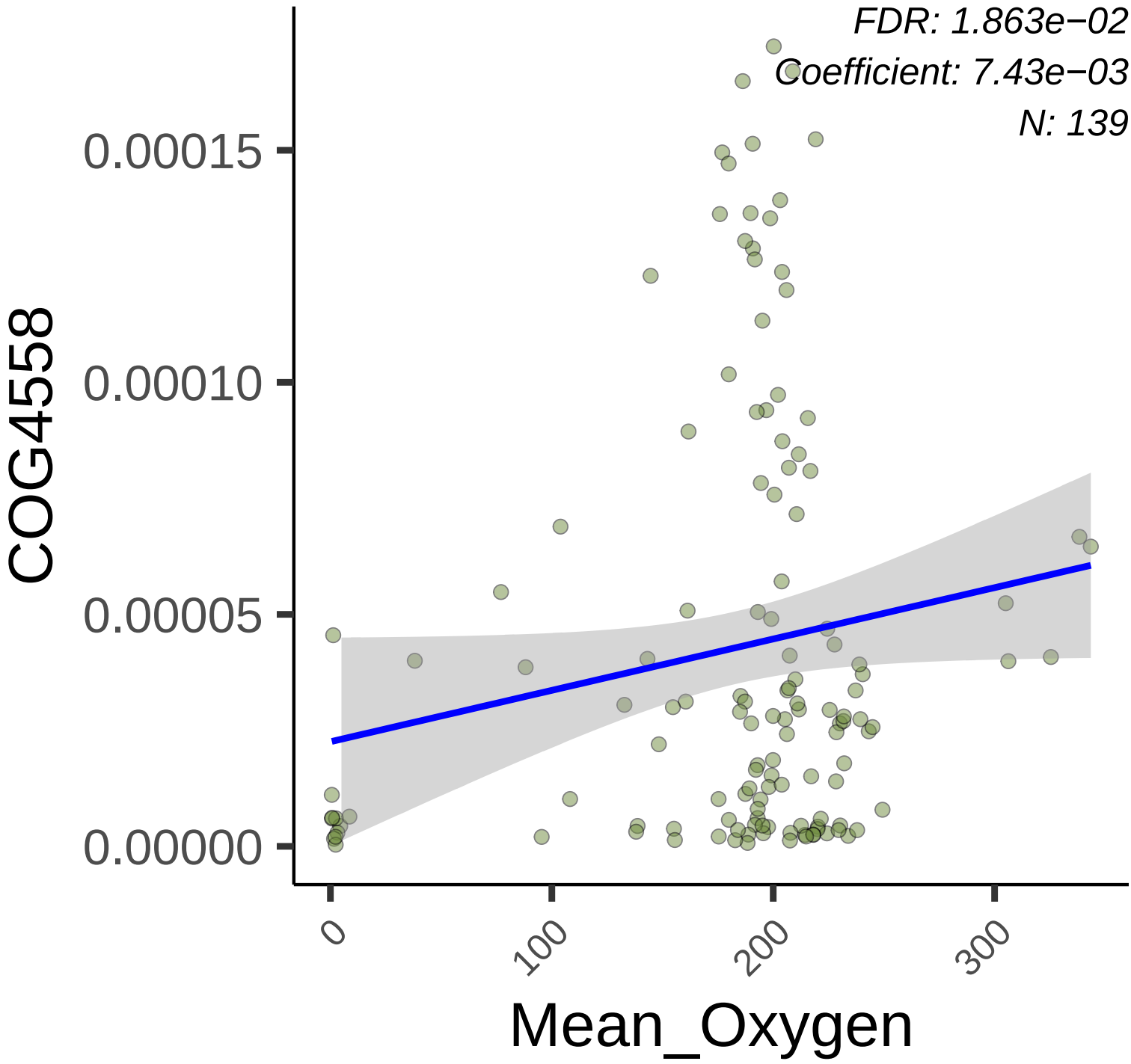
Mean_Oxygen


FDR: 1.863e−02
Coefficient: 7.43e−03
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0.00000
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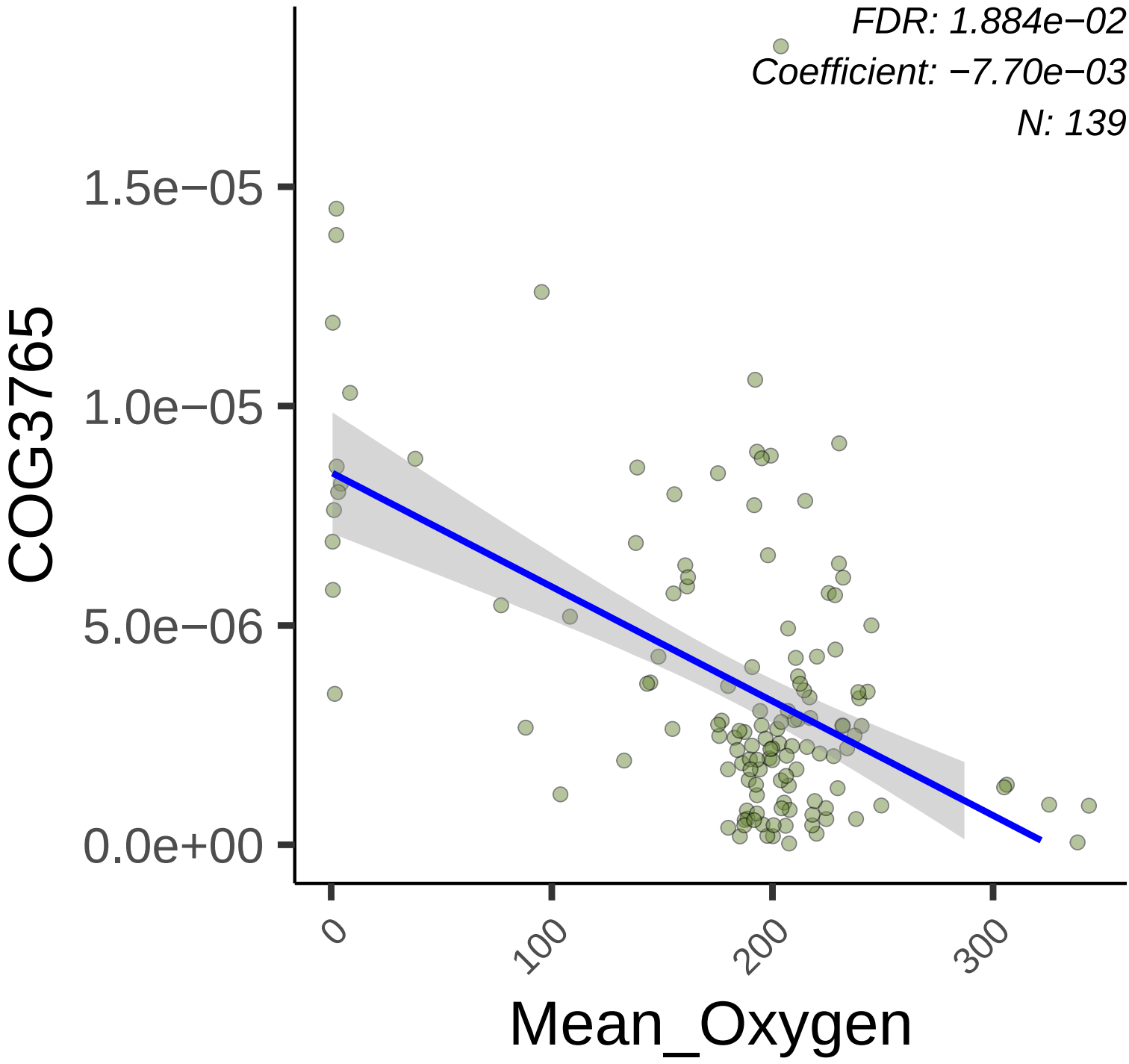
200
300
Mean_Oxygen


FDR: 1.884e−02
Coefficient: −7.70e−03
N: 139
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1.0e−05
5.0e−06
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COG3765
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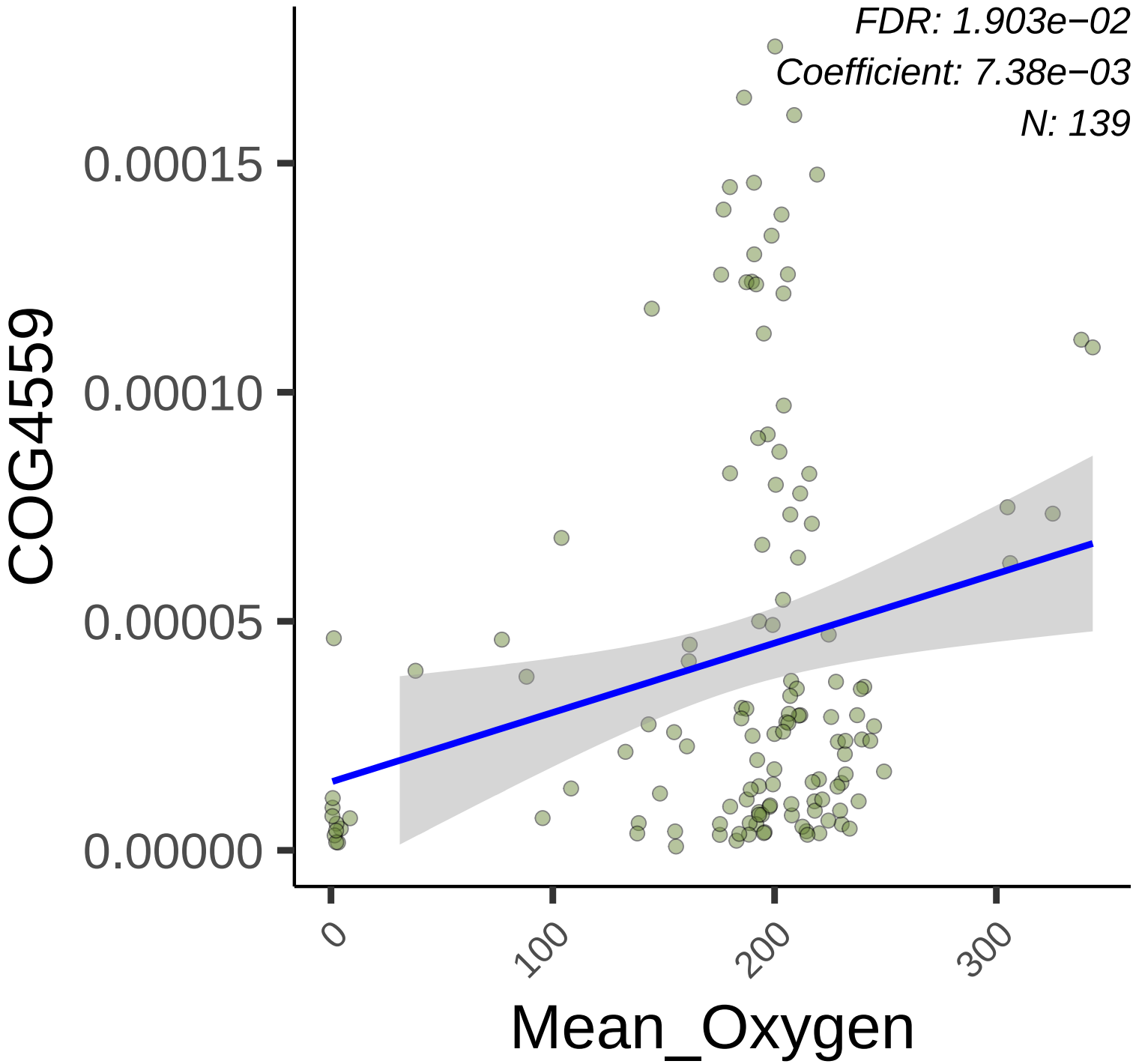
100
200
300
Mean_Oxygen


FDR: 1.903e−02
Coefficient: 7.38e−03
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COG4559
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0.00000
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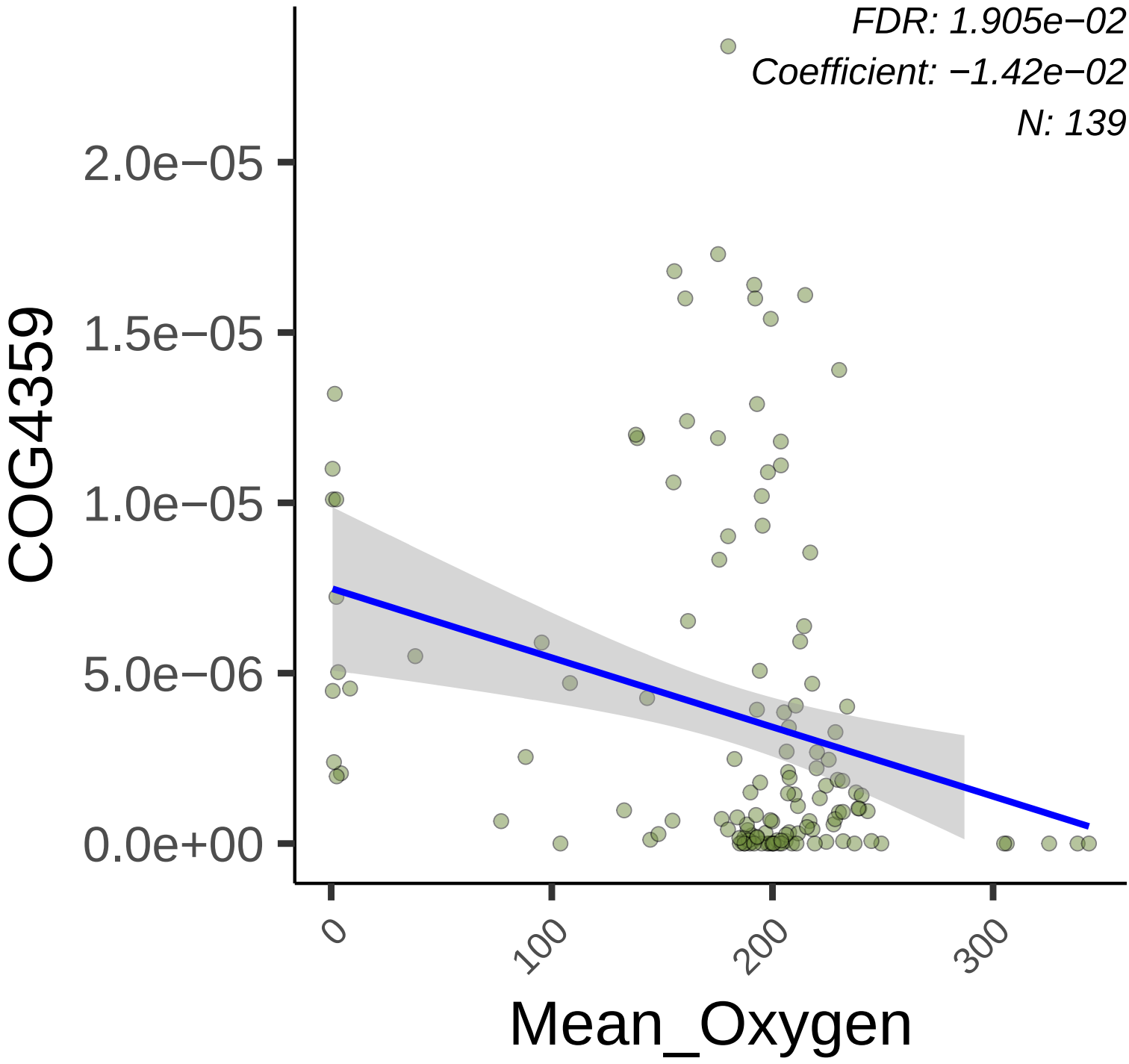
200
300
Mean_Oxygen


FDR: 1.905e−02
Coefficient: −1.42e−02
N: 139
COG4359
2.0e−05
1.5e−05
1.0e−05
5.0e−06
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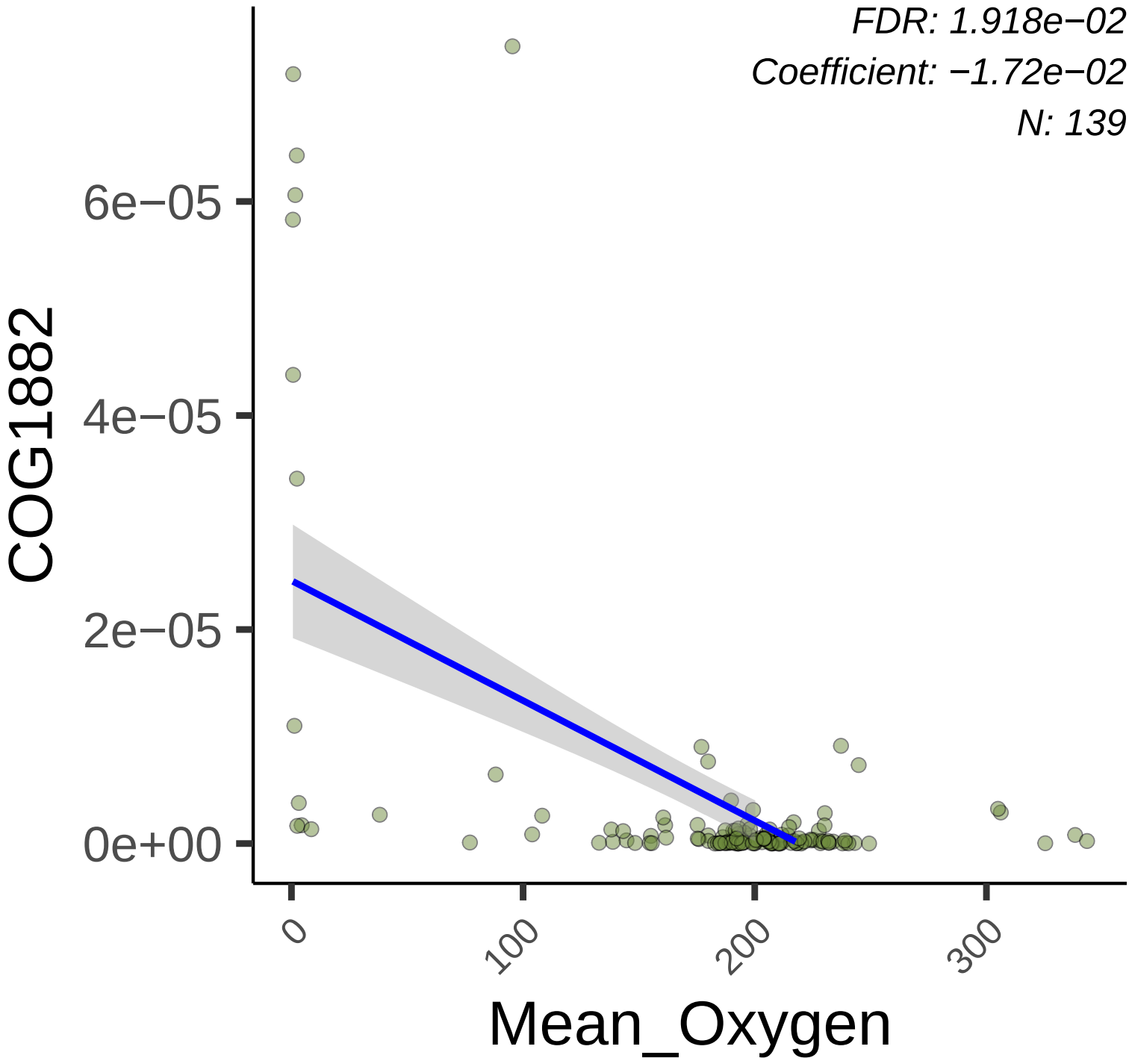
200
300
Mean_Oxygen


FDR: 1.918e−02
Coefficient: −1.72e−02
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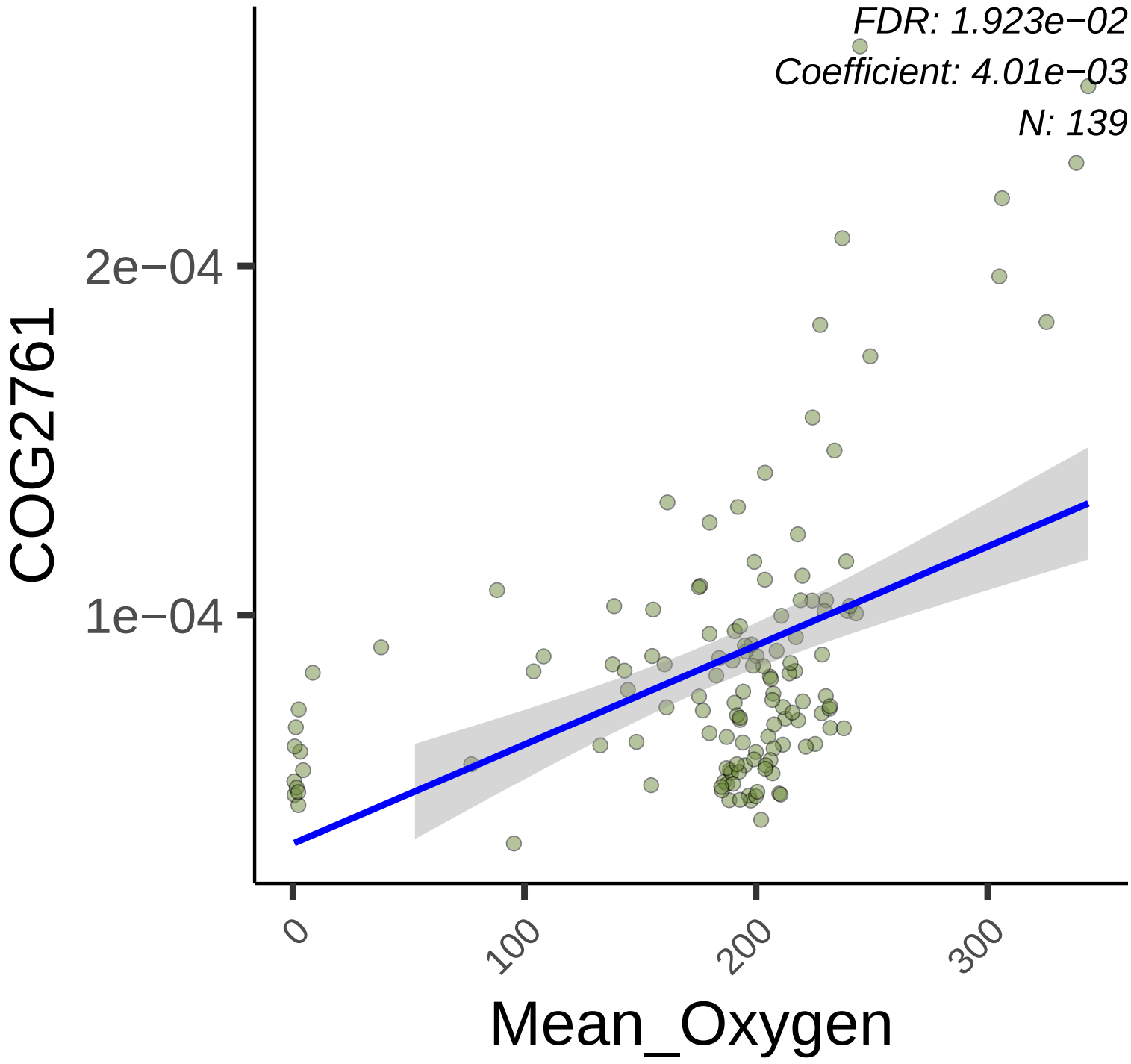
200
300
Mean_Oxygen


FDR: 1.923e−02
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1e−04
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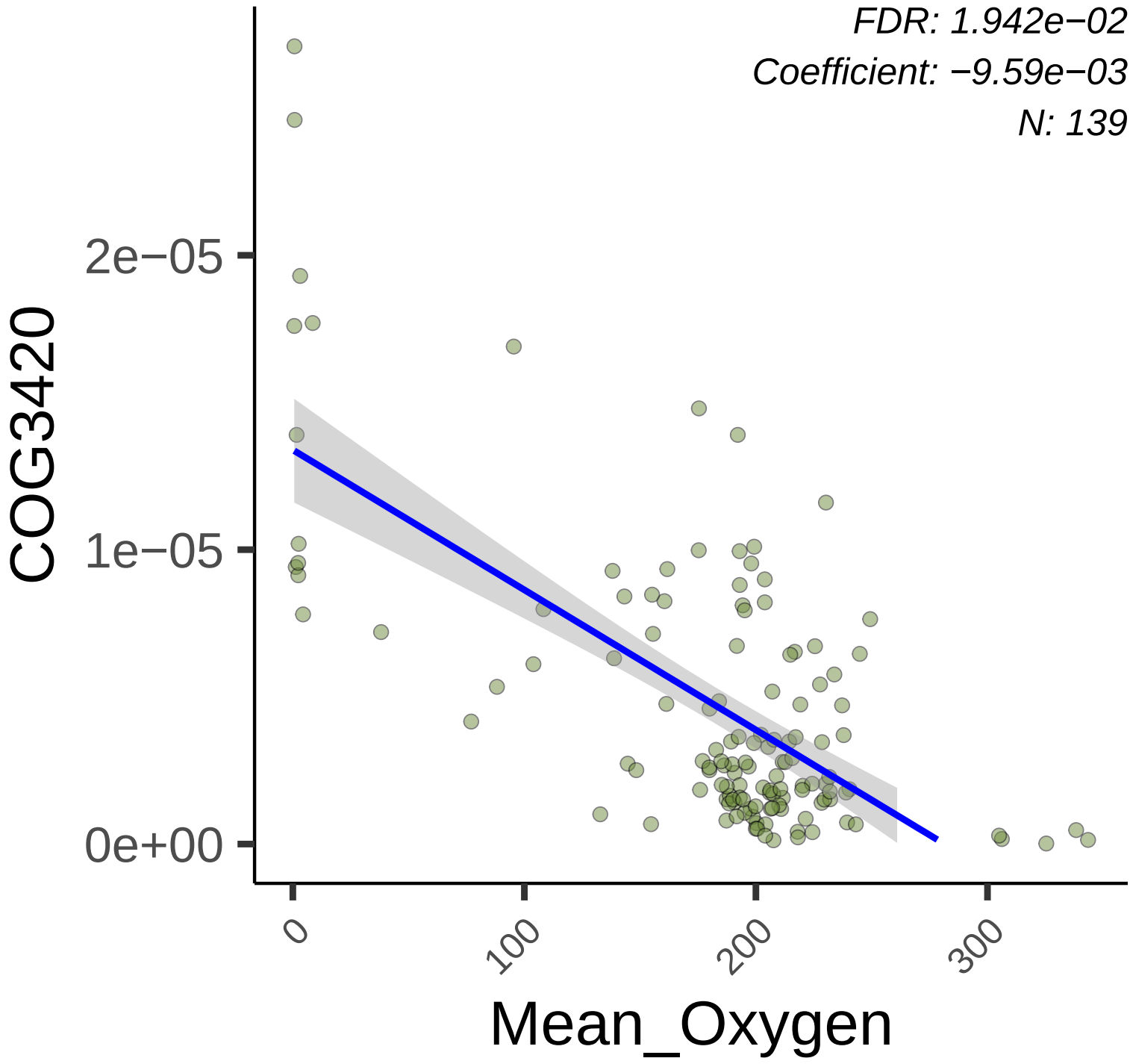
200
300
Mean_Oxygen


FDR: 1.942e−02
Coefficient: −9.59e−03
N: 139
COG3420
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1e−05
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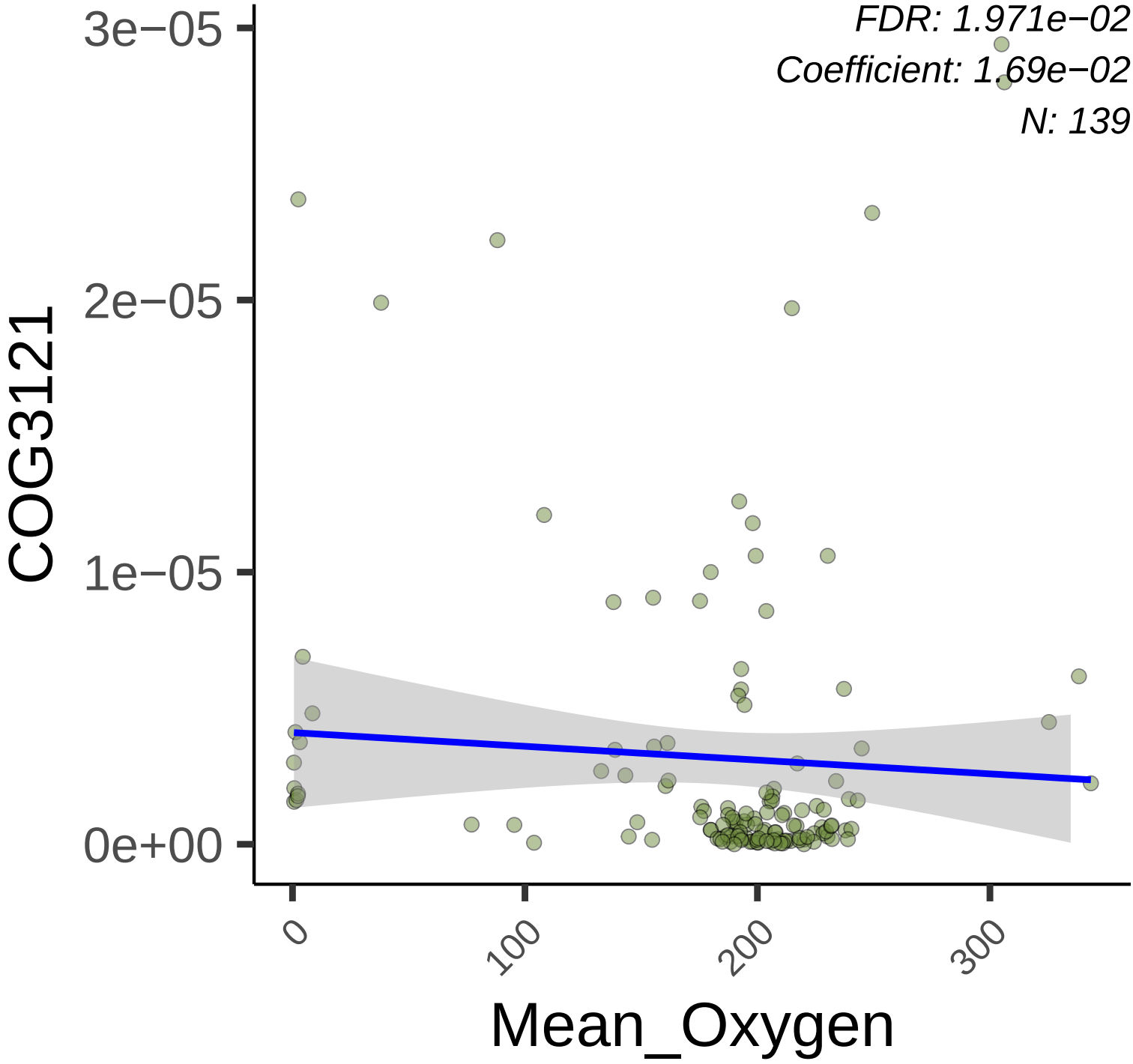
200
300
Mean_Oxygen


FDR: 1.971e−02
Coefficient: 1.69e−02
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1e−05
0e+00
COG3121
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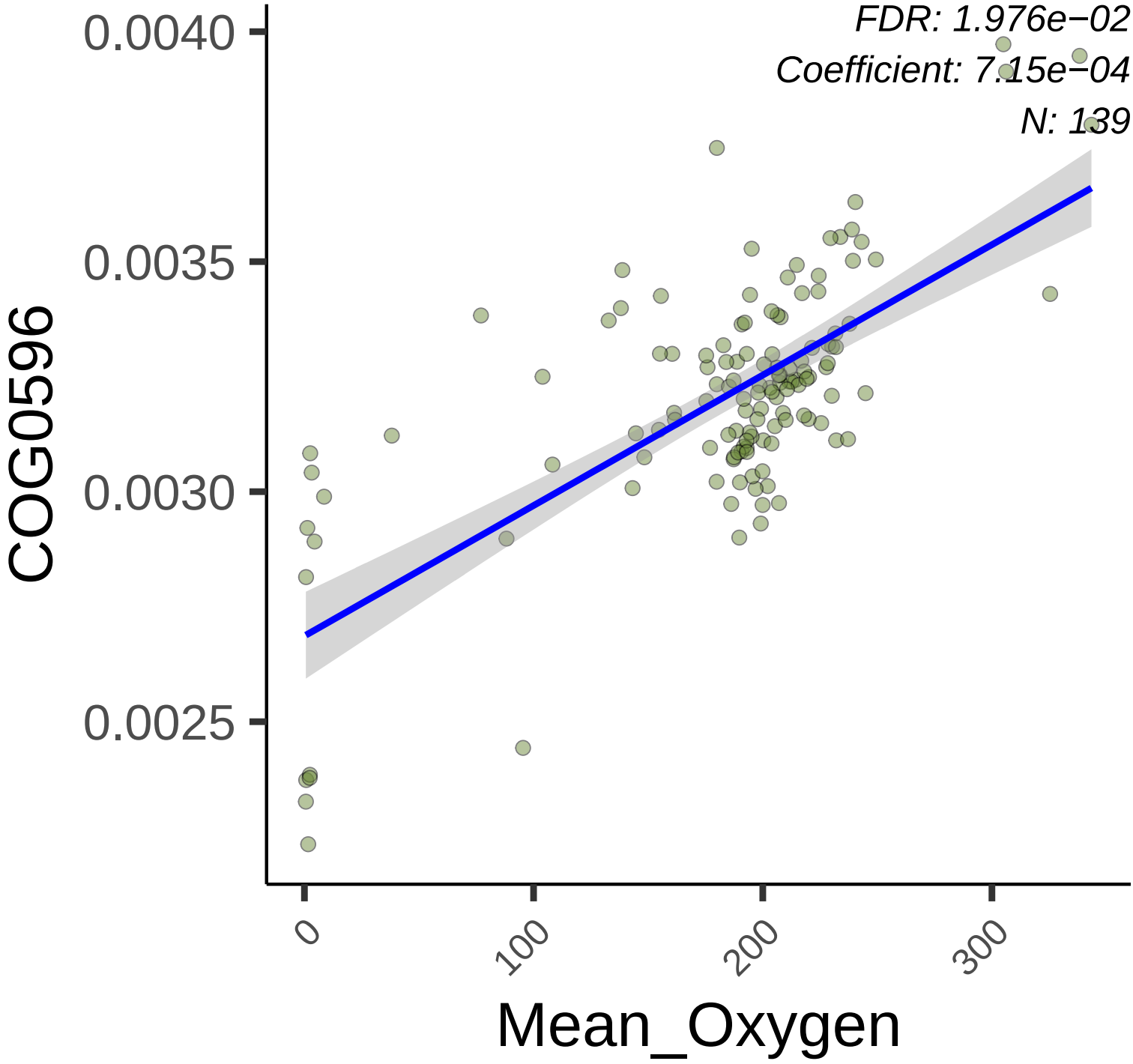
100
200
300
Mean_Oxygen


FDR: 1.976e−02
Coefficient: 7.15e−04
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COG0596
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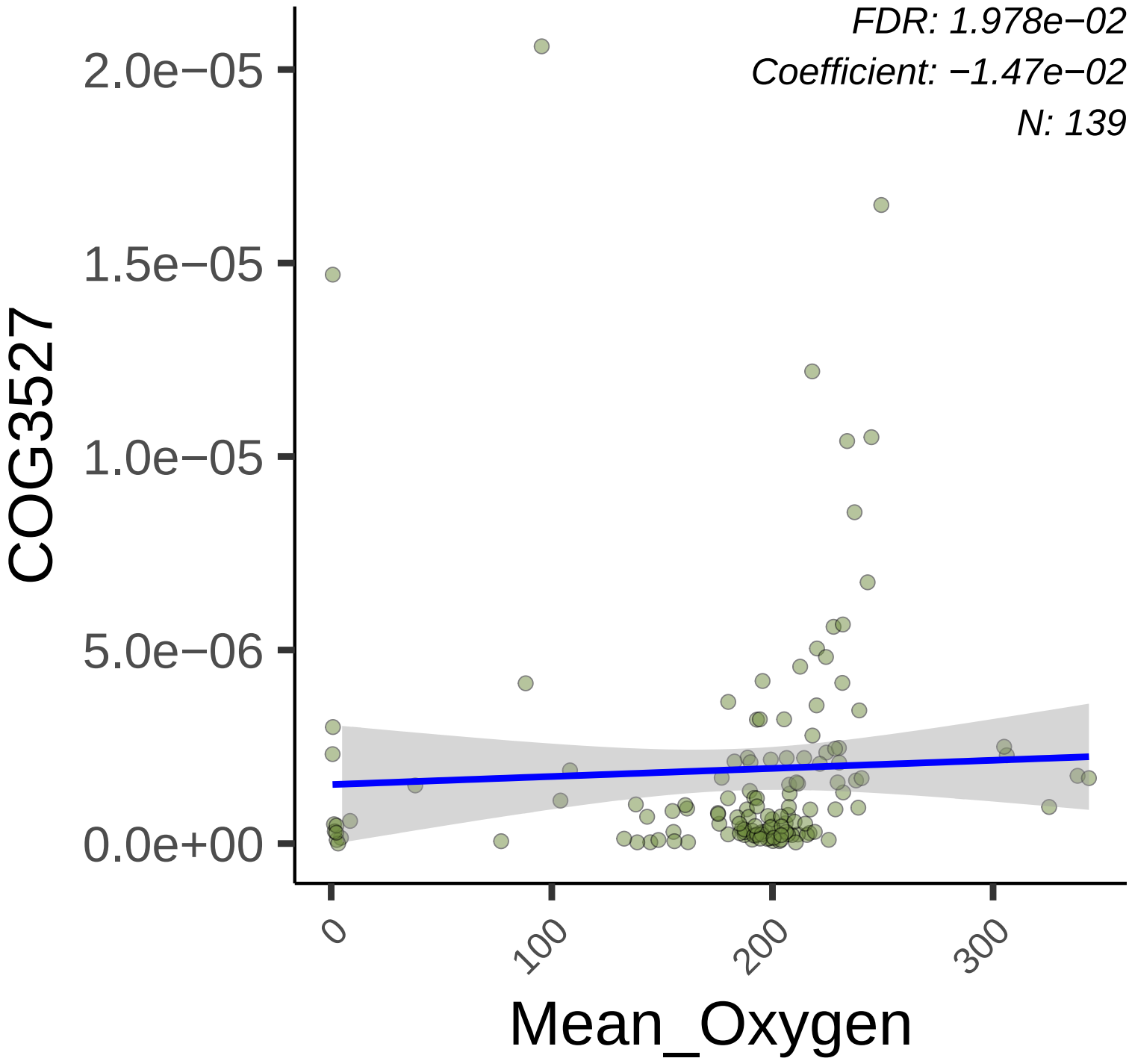
200
300
Mean_Oxygen


FDR: 1.978e−02
Coefficient: −1.47e−02
N: 139
COG3527
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1.5e−05
1.0e−05
5.0e−06
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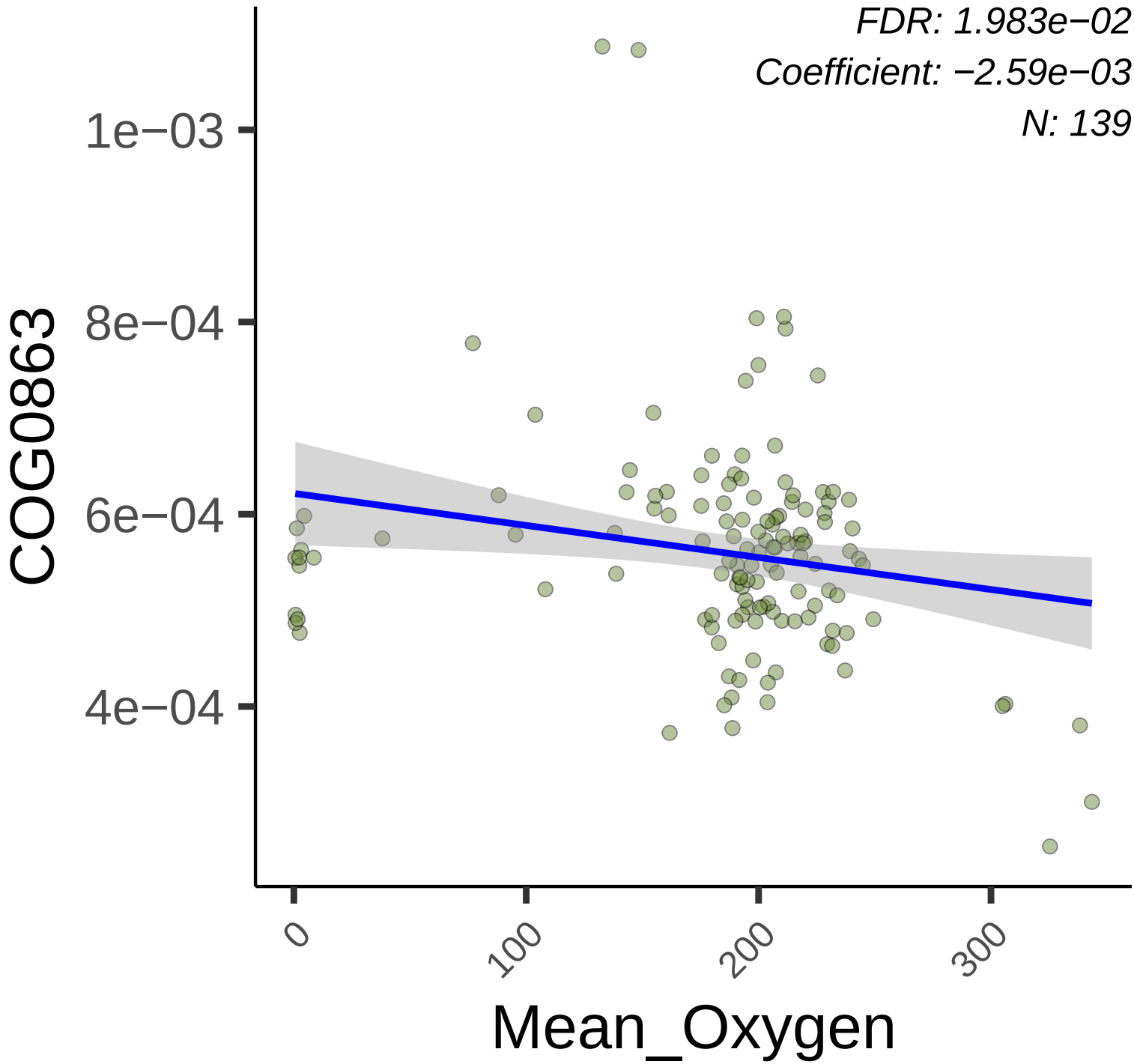
200
300
Mean_Oxygen


FDR: 1.983e−02
Coefficient: −2.59e−03
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COG0863
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8e−04
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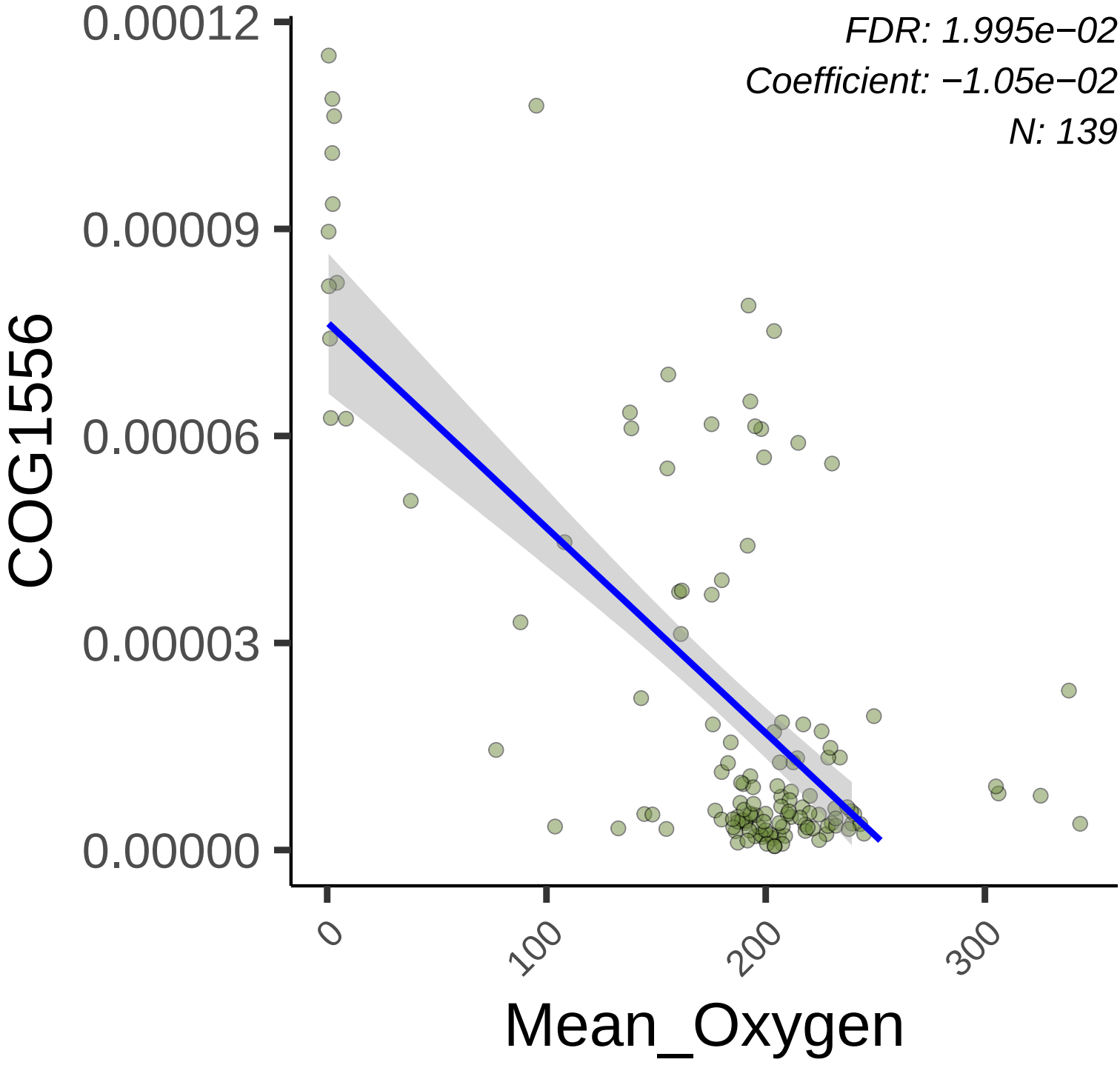
300
Mean_Oxygen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Coefficient: −1.05e−02
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0.00003
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COG1556
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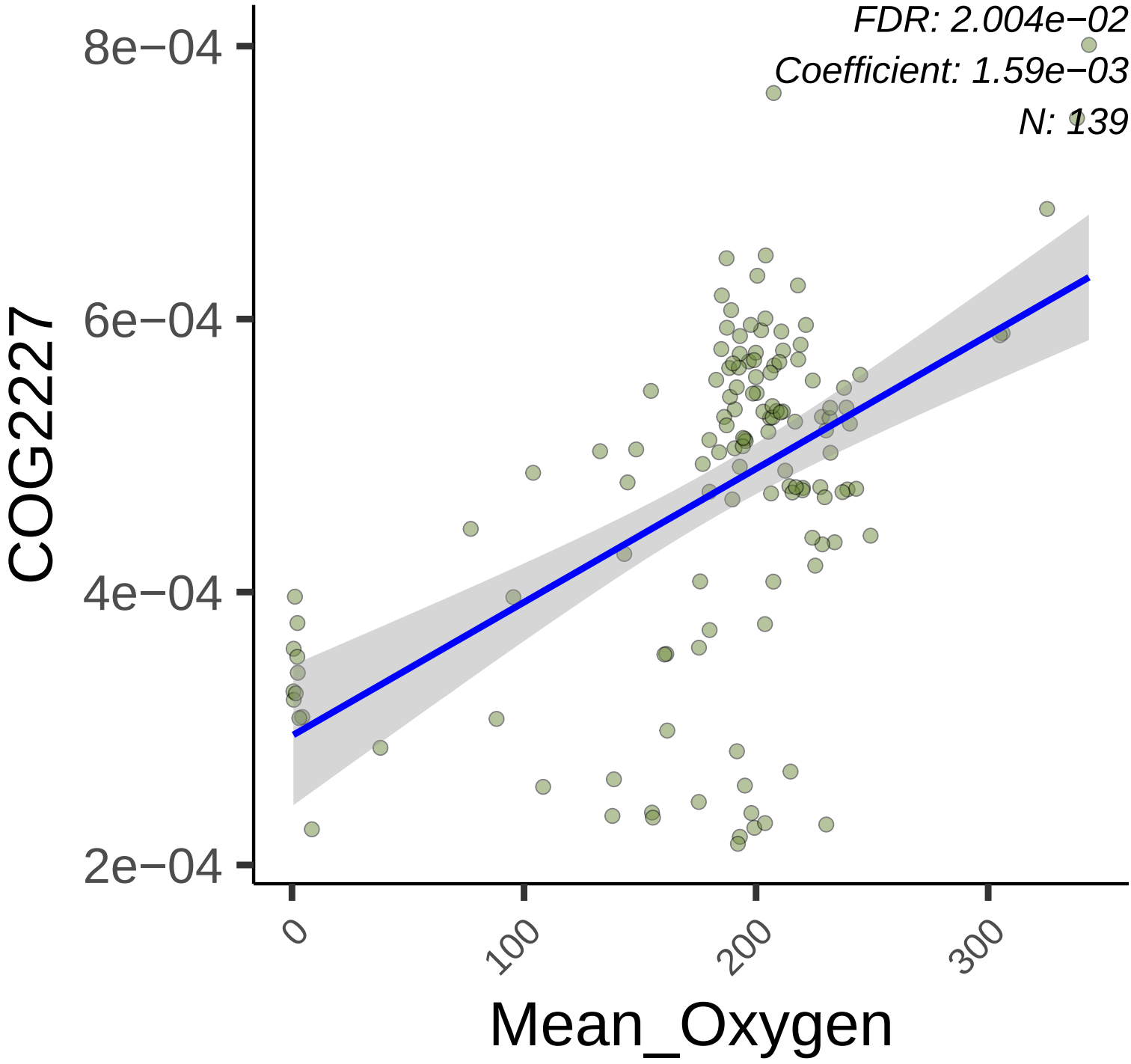
200
300
Mean_Oxygen


FDR: 2.004e−02
Coefficient: 1.59e−03
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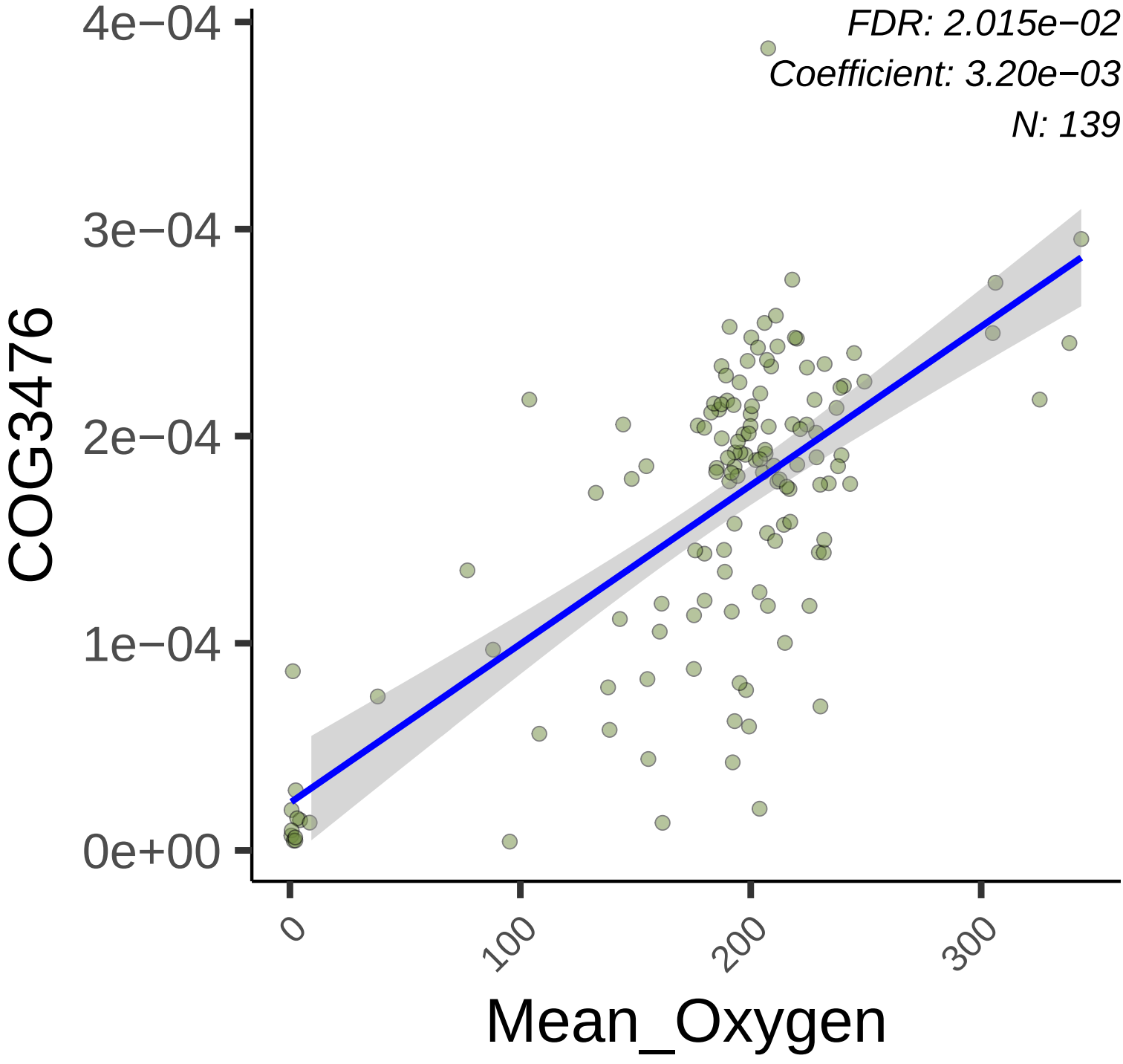
200
300
Mean_Oxygen


FDR: 2.015e−02
Coefficient: 3.20e−03
N: 139
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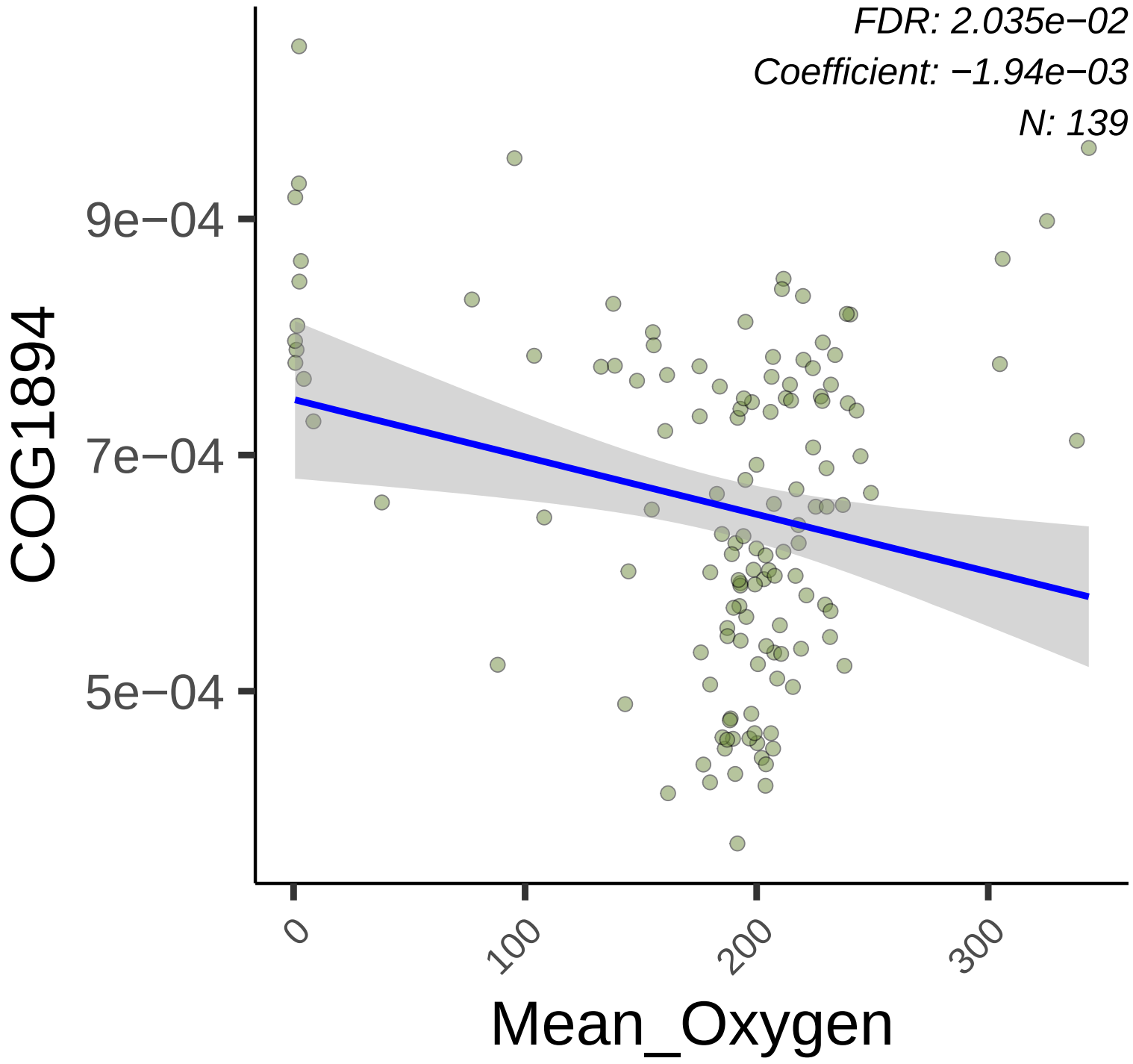
300
Mean_Oxygen


FDR: 2.035e−02
Coefficient: −1.94e−03
N: 139
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7e−04
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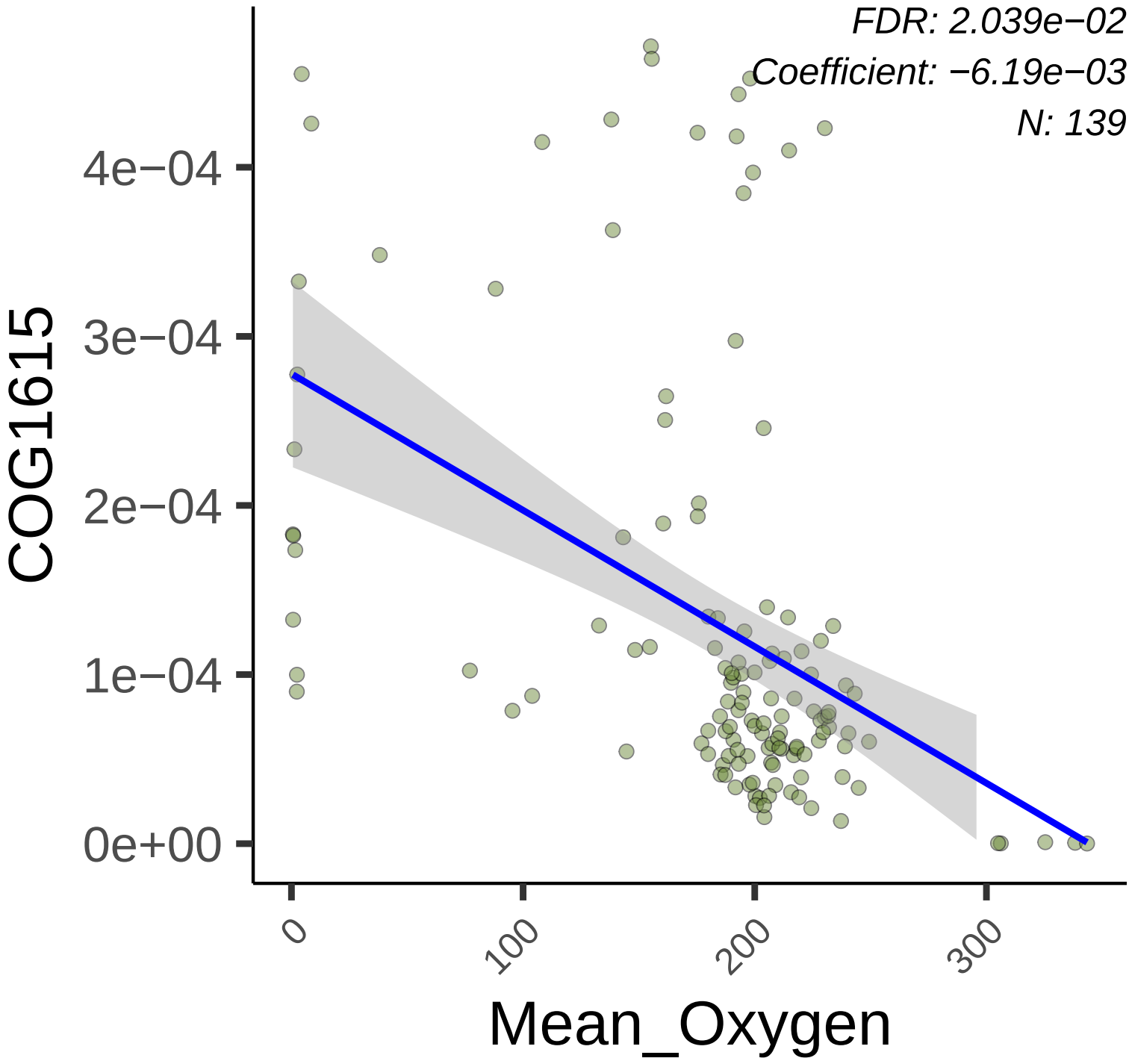
Mean_Oxygen


FDR: 2.039e−02
Coefficient: −6.19e−03
N: 139
COG1615
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2e−04
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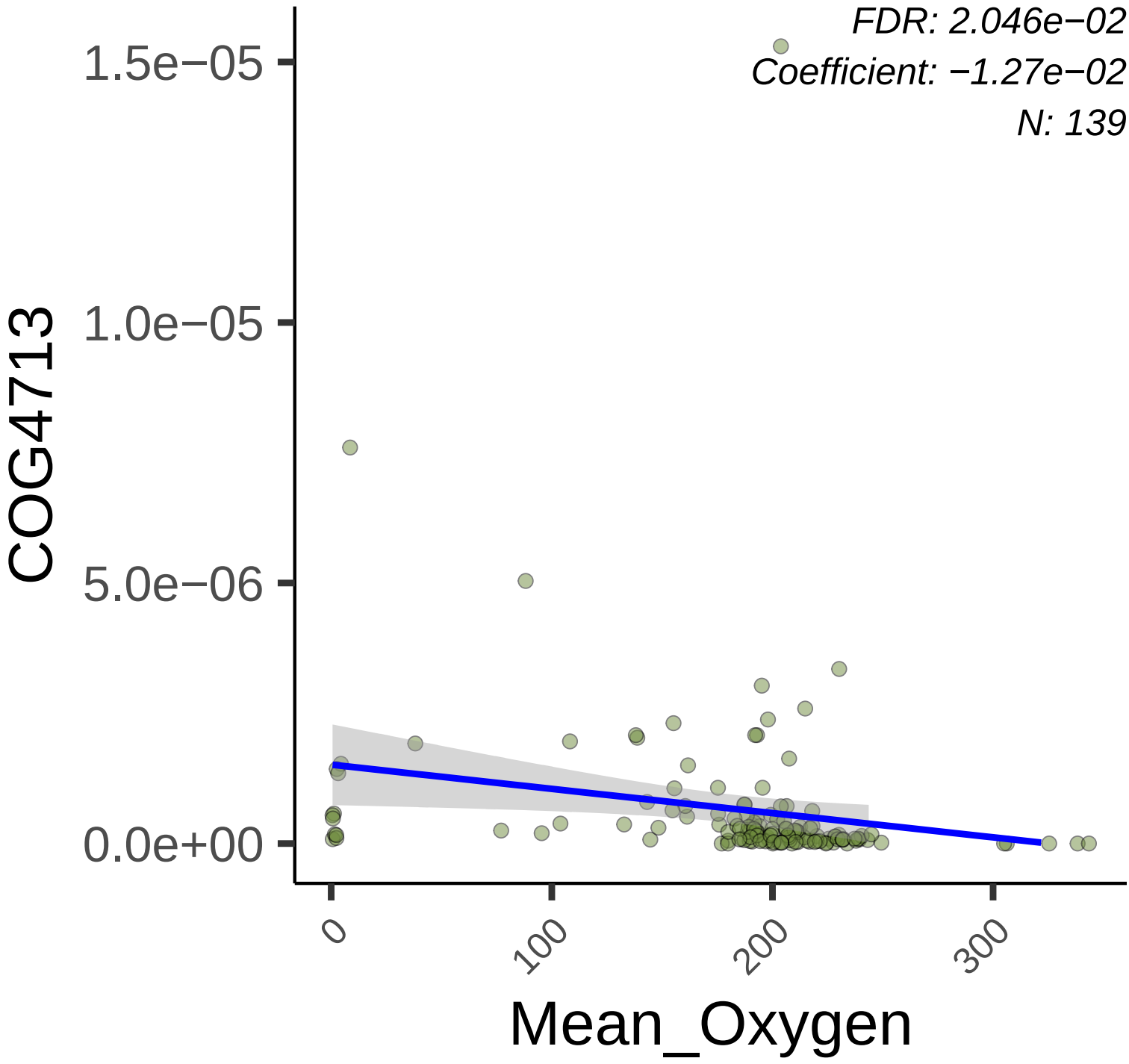
200
300
Mean_Oxygen


FDR: 2.046e−02
Coefficient: −1.27e−02
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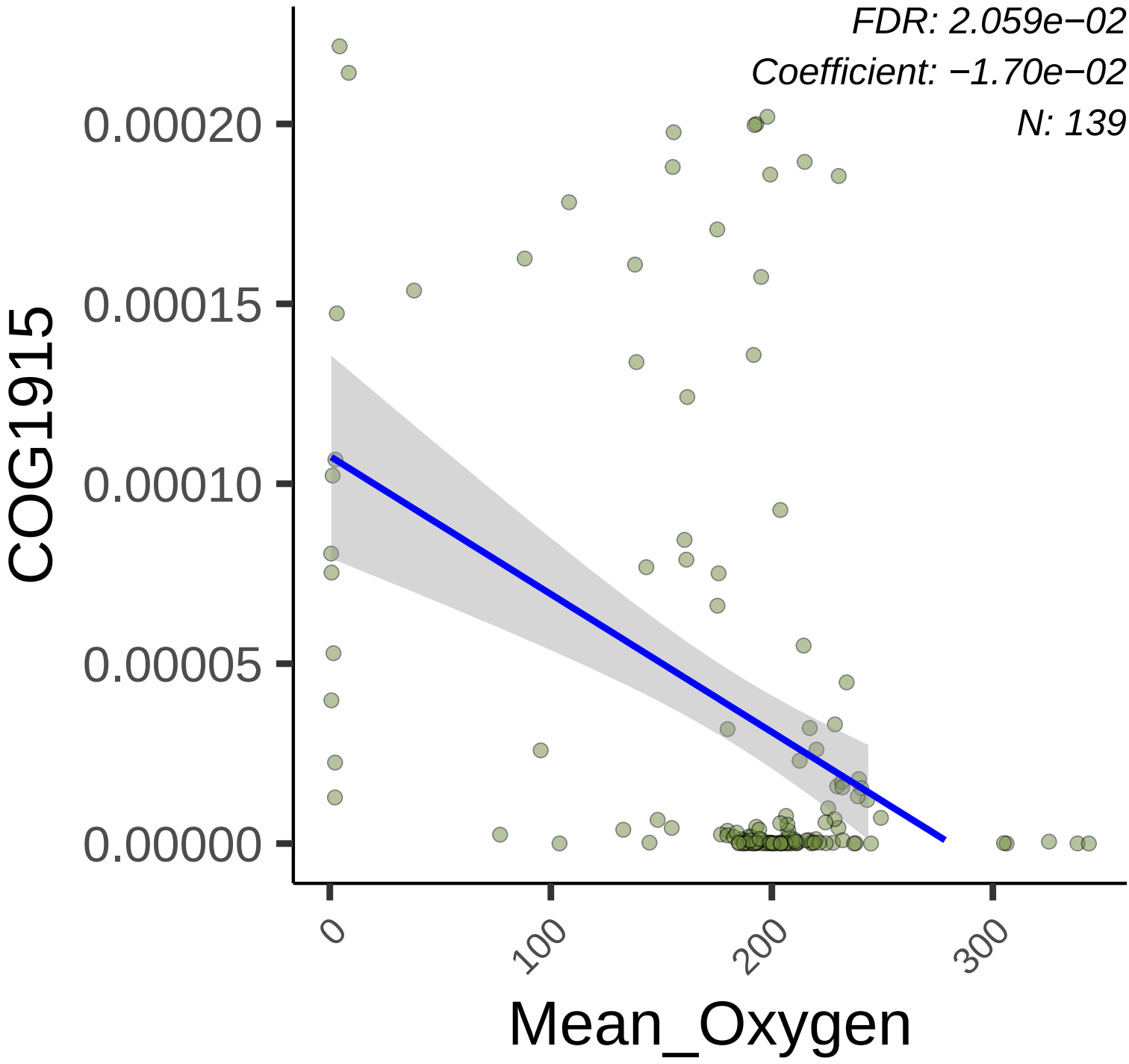
200
300
Mean_Oxygen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Coefficient: −1.70e−02
N: 139
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200
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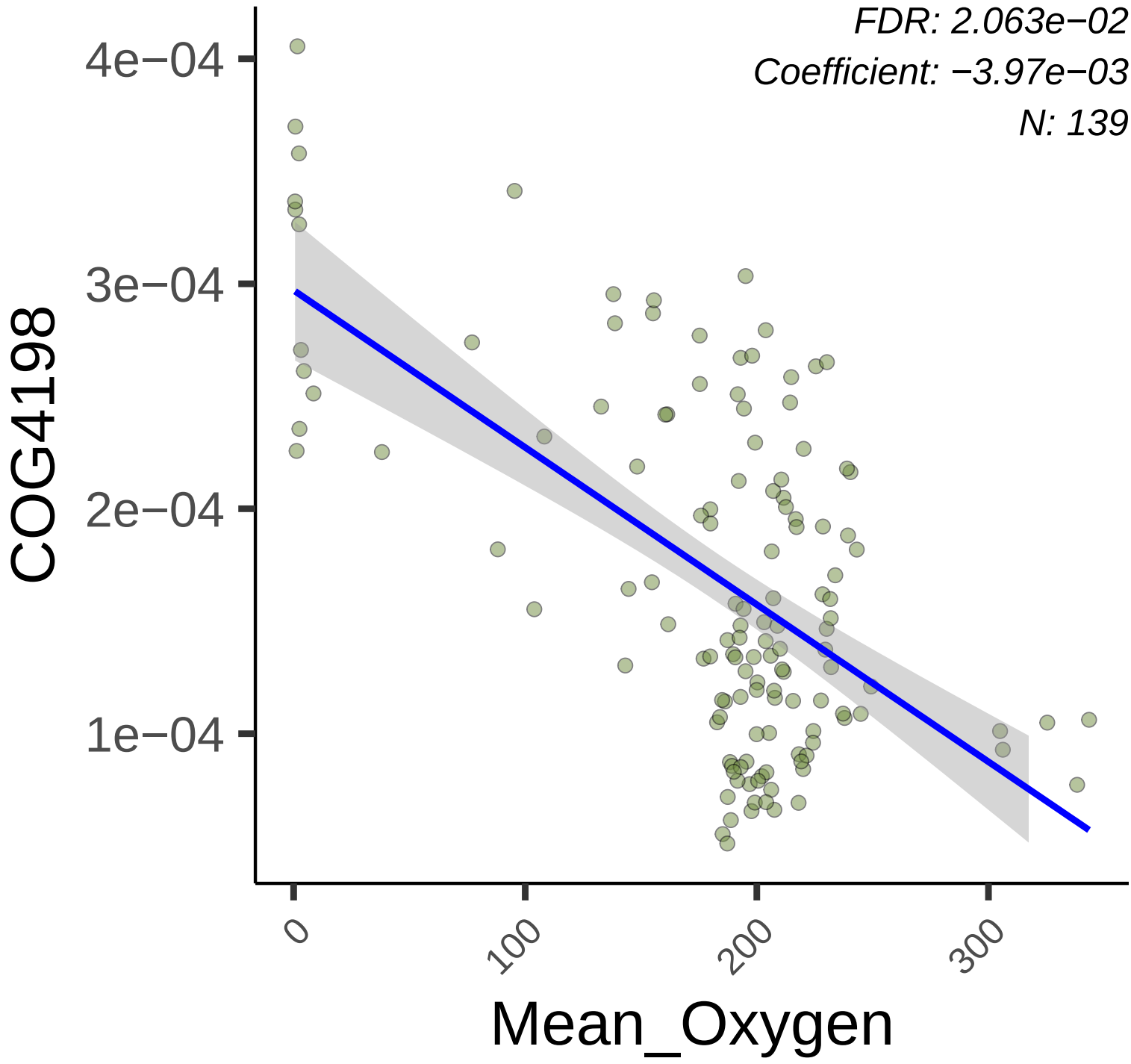
Mean_Oxygen


FDR: 2.063e−02
Coefficient: −3.97e−03
N: 139
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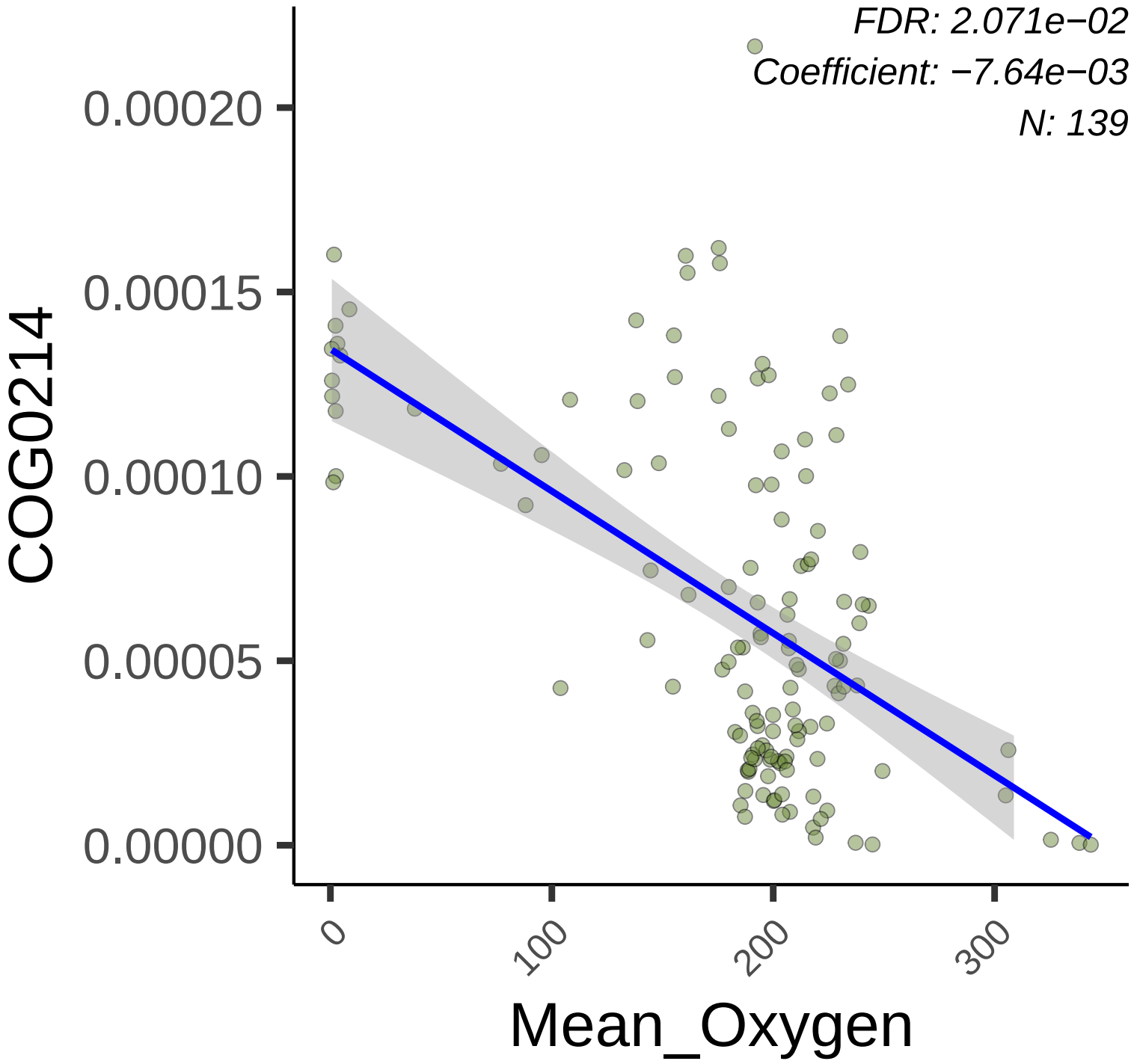
300
Mean_Oxygen


FDR: 2.071e−02
Coefficient: −7.64e−03
N: 139
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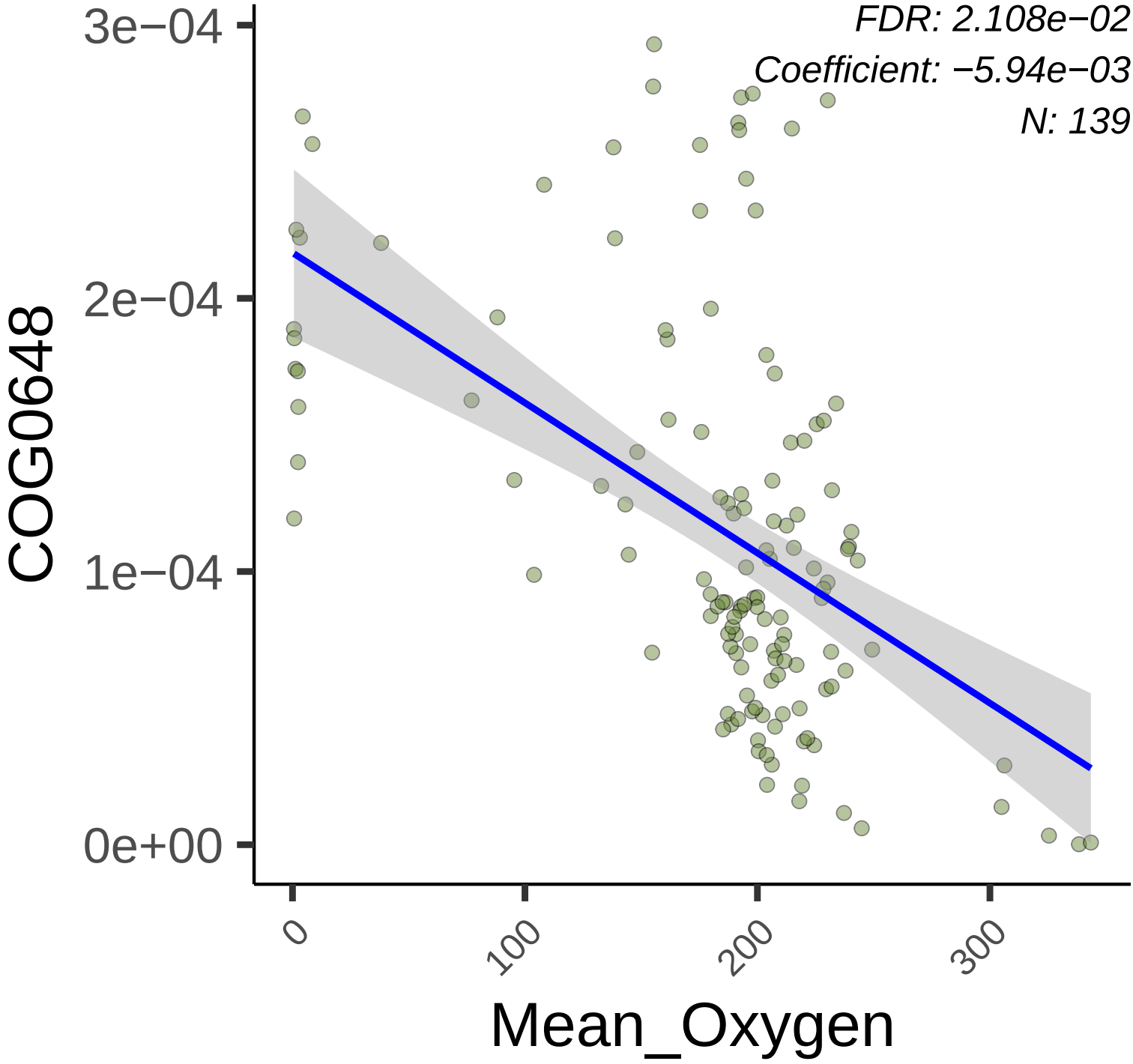
200
300
Mean_Oxygen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Coefficient: −5.94e−03
N: 139
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COG0648
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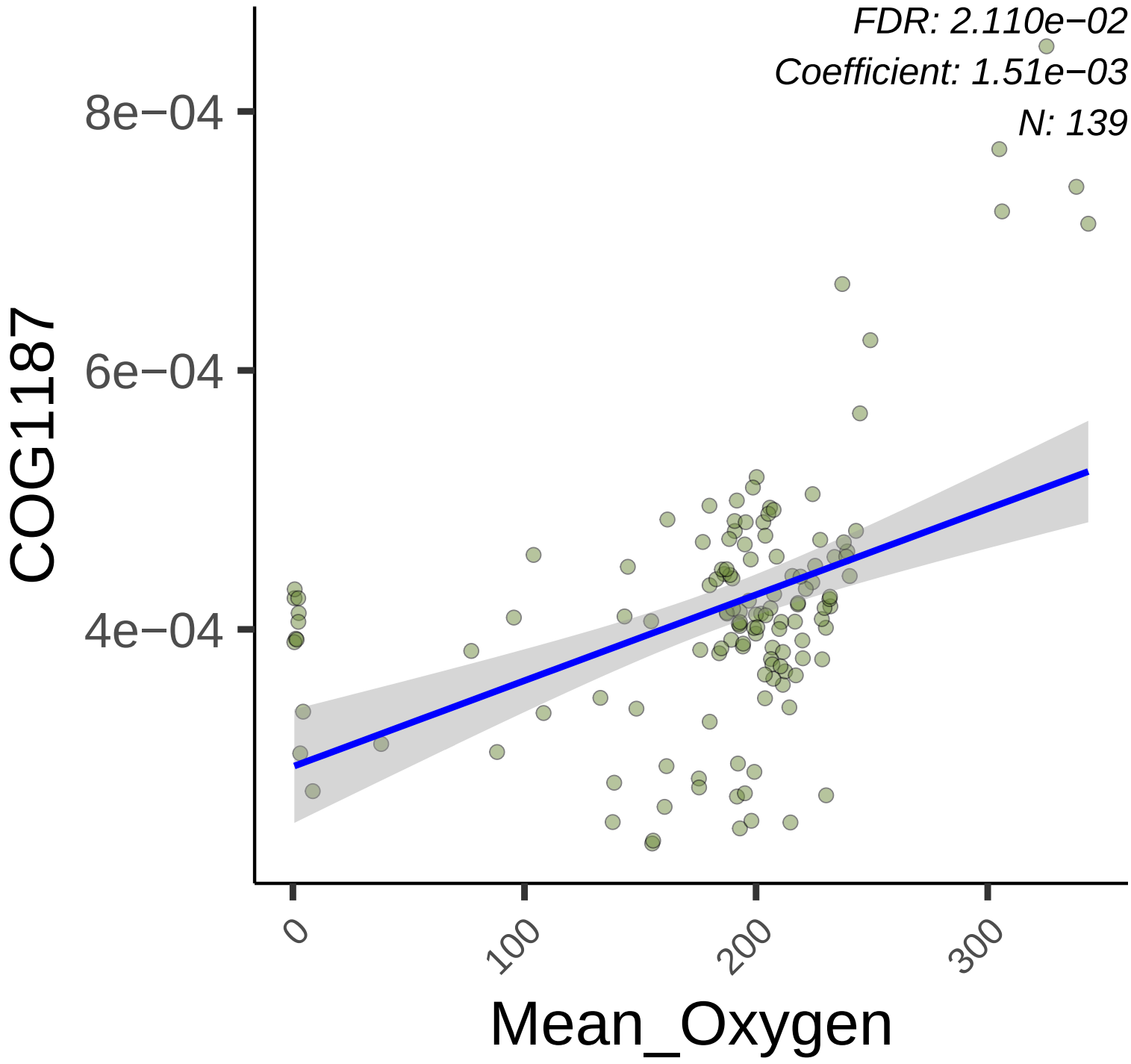
300
Mean_Oxygen


FDR: 2.110e−02
Coefficient: 1.51e−03
N: 139
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COG1187
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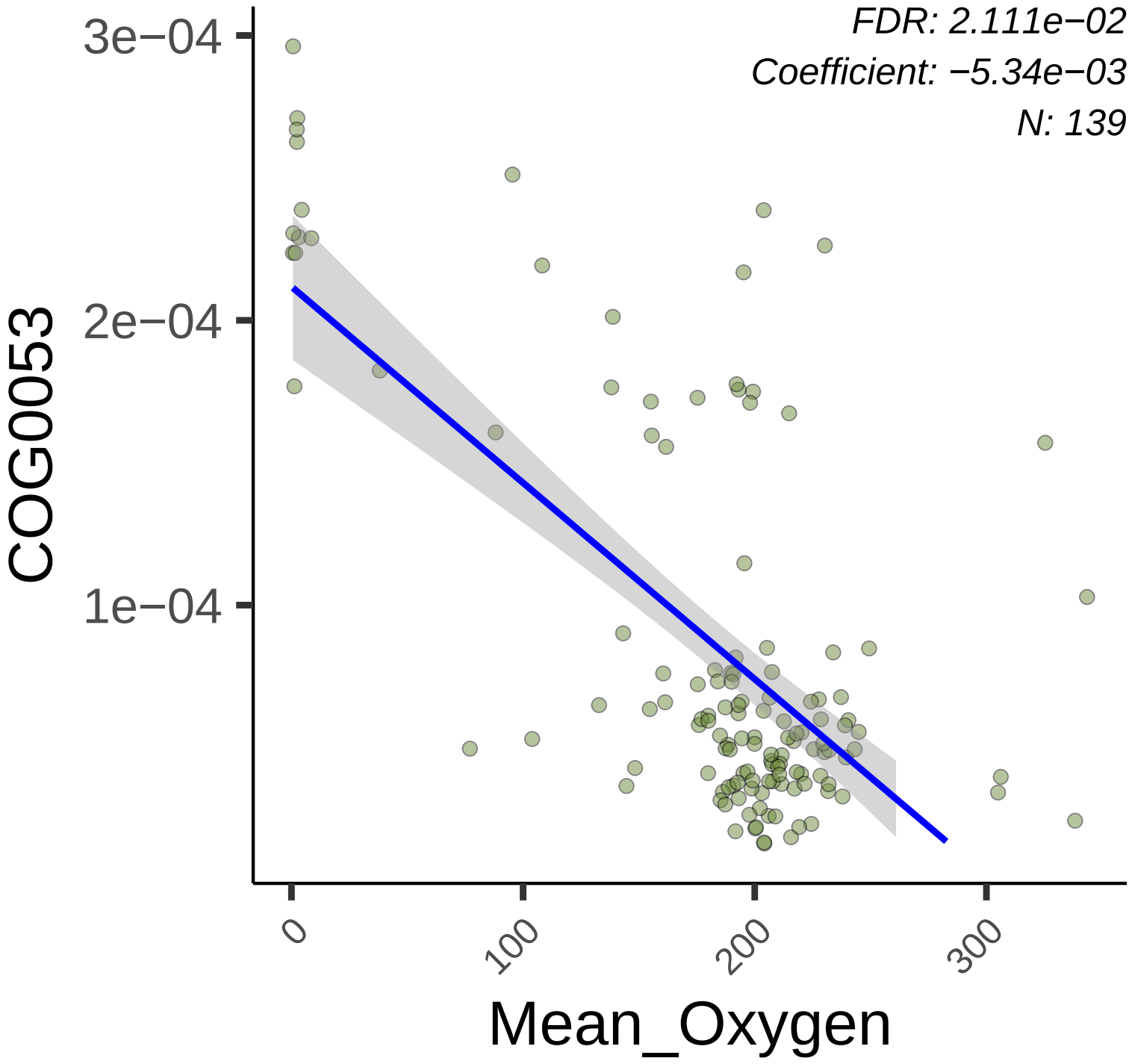
100
200
300
Mean_Oxygen


FDR: 2.111e−02
Coefficient: −5.34e−03
N: 139
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2e−04
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COG0053
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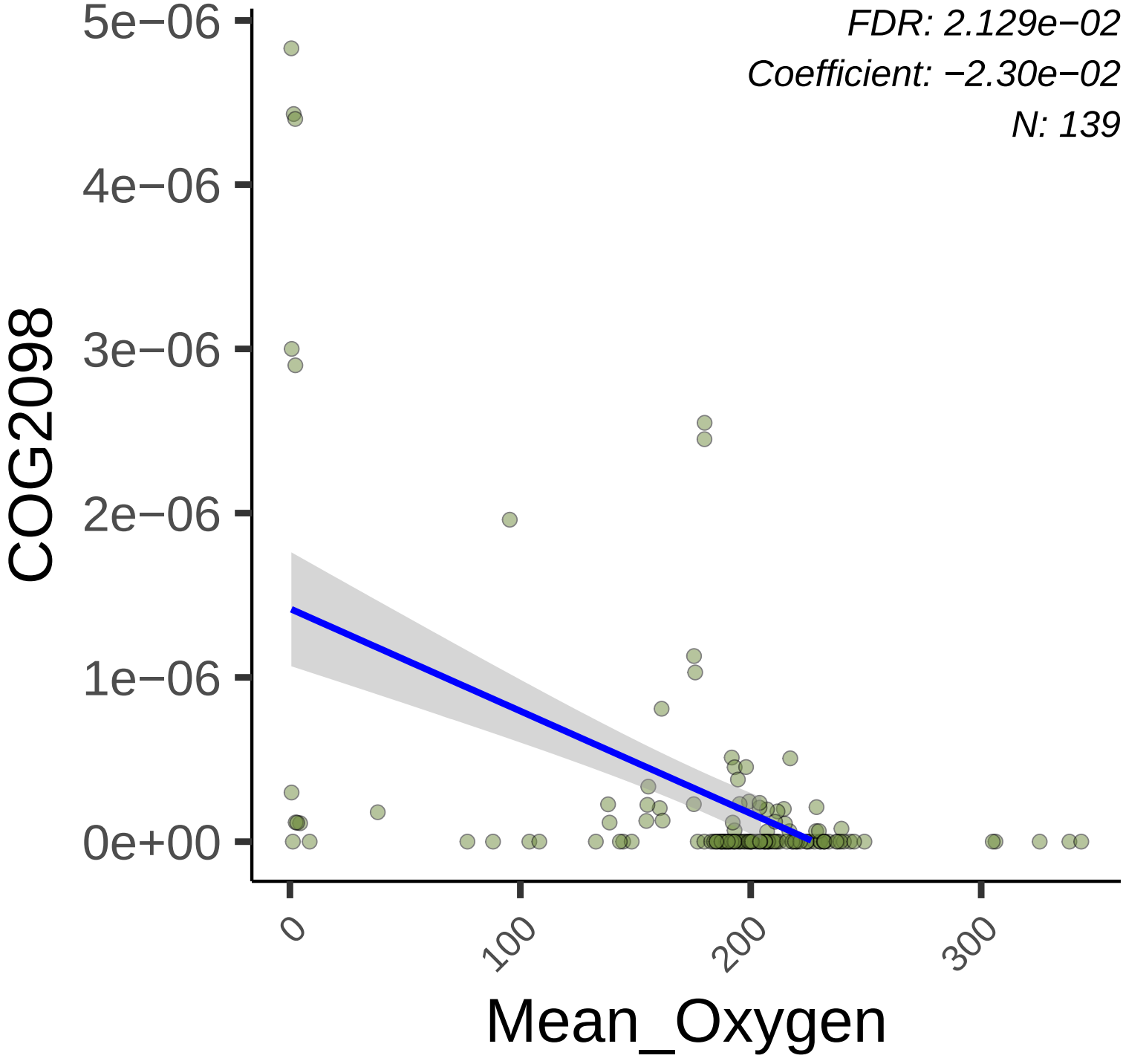
300
Mean_Oxygen


FDR: 2.129e−02
Coefficient: −2.30e−02
N: 139
COG2098
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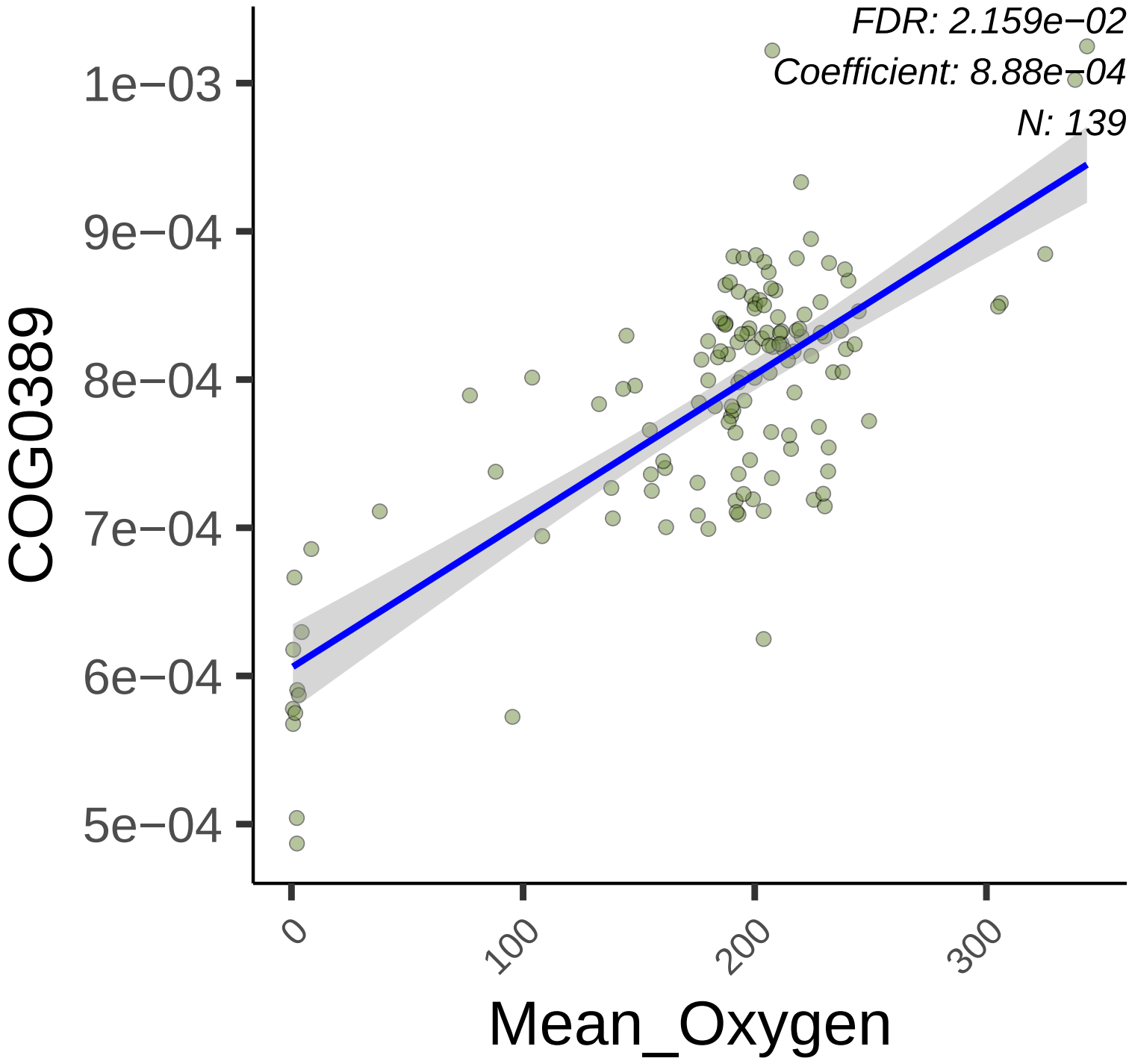
3e−06
2e−06
1e−06
0e+00
0
100
200
300
Mean_Oxygen


FDR: 2.159e−02
Coefficient: 8.88e−04
N: 139
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COG0389
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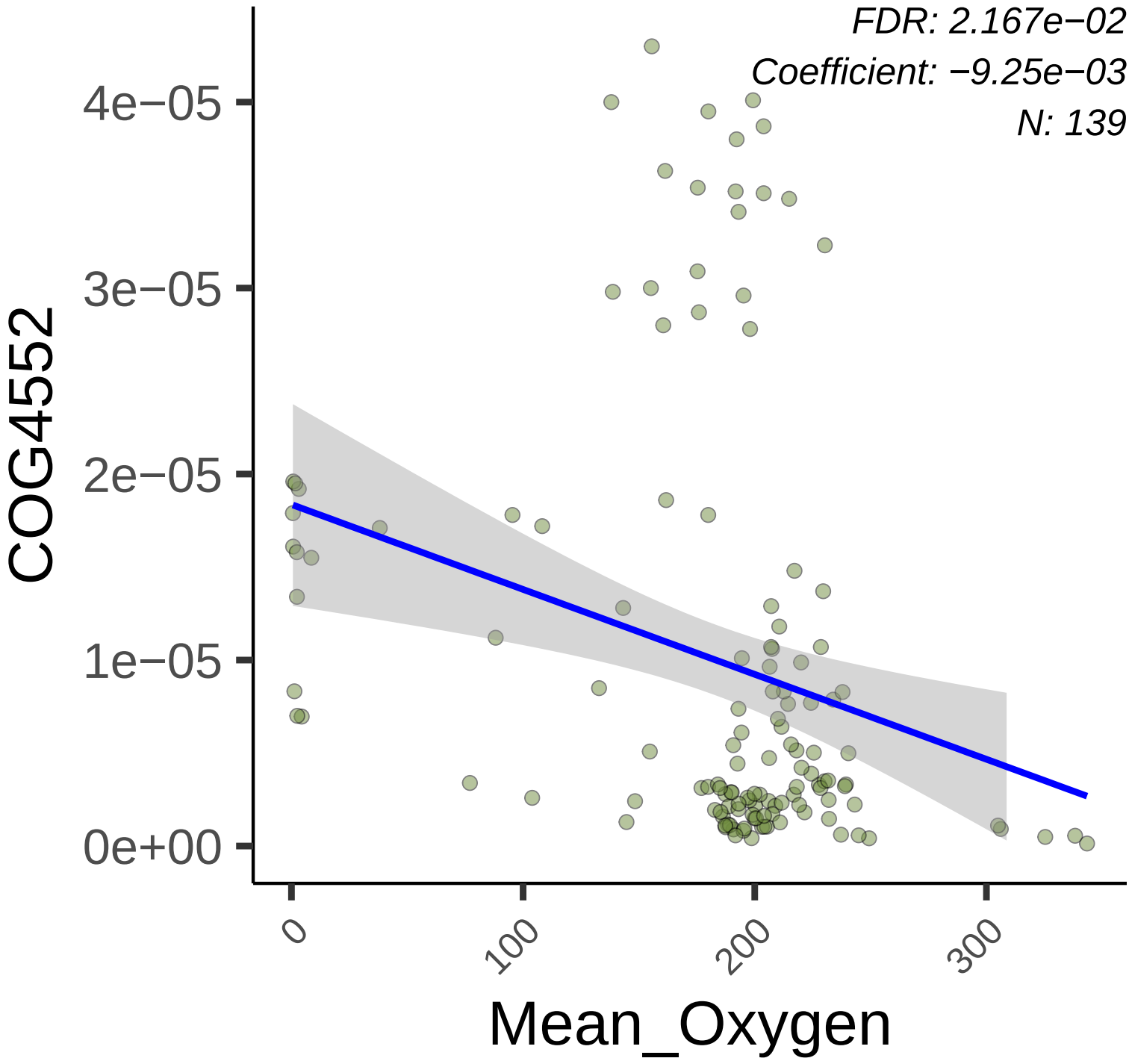
Mean_Oxygen


FDR: 2.167e−02
Coefficient: −9.25e−03
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COG4552
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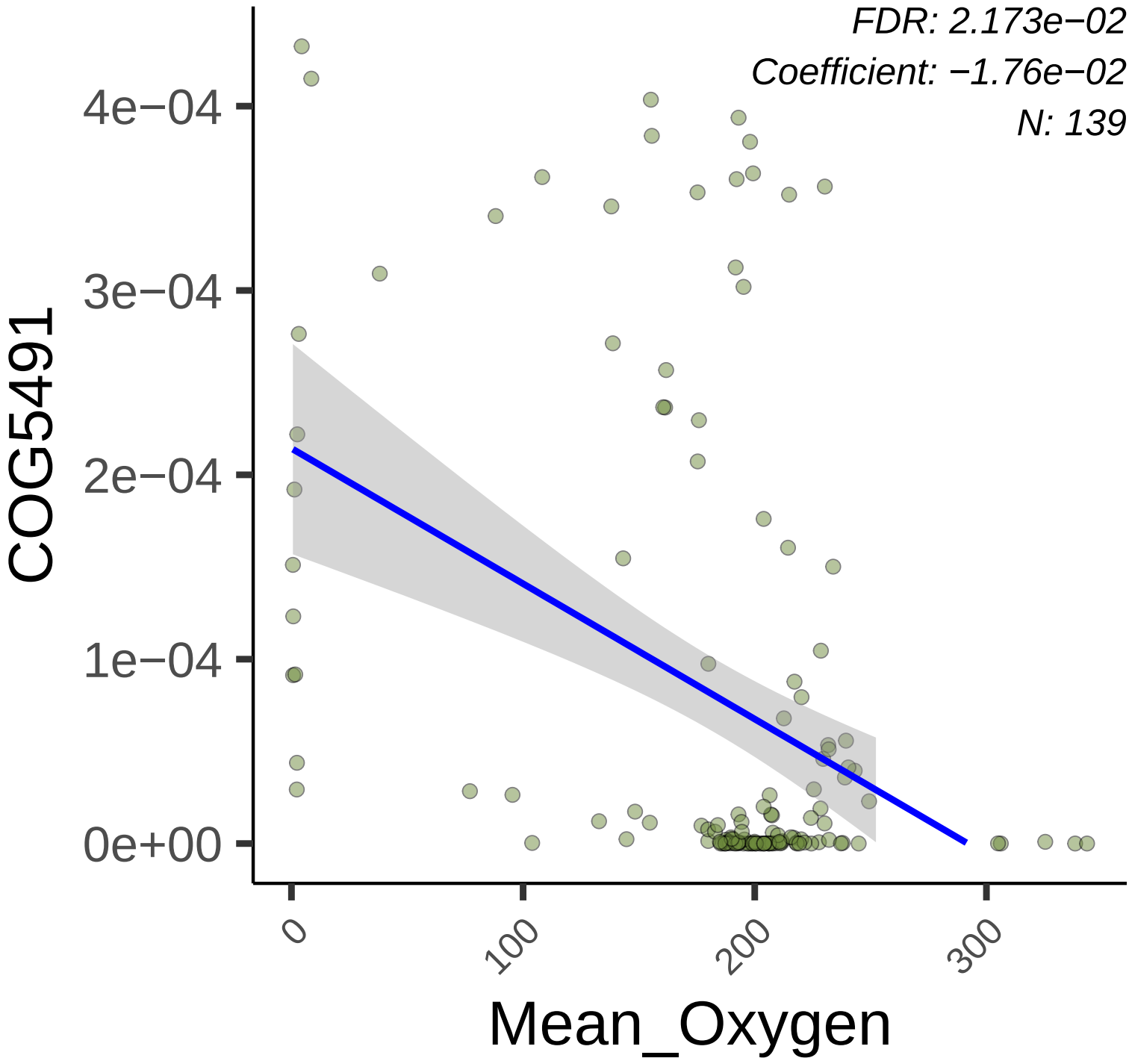
Mean_Oxygen


FDR: 2.173e−02
Coefficient: −1.76e−02
N: 139
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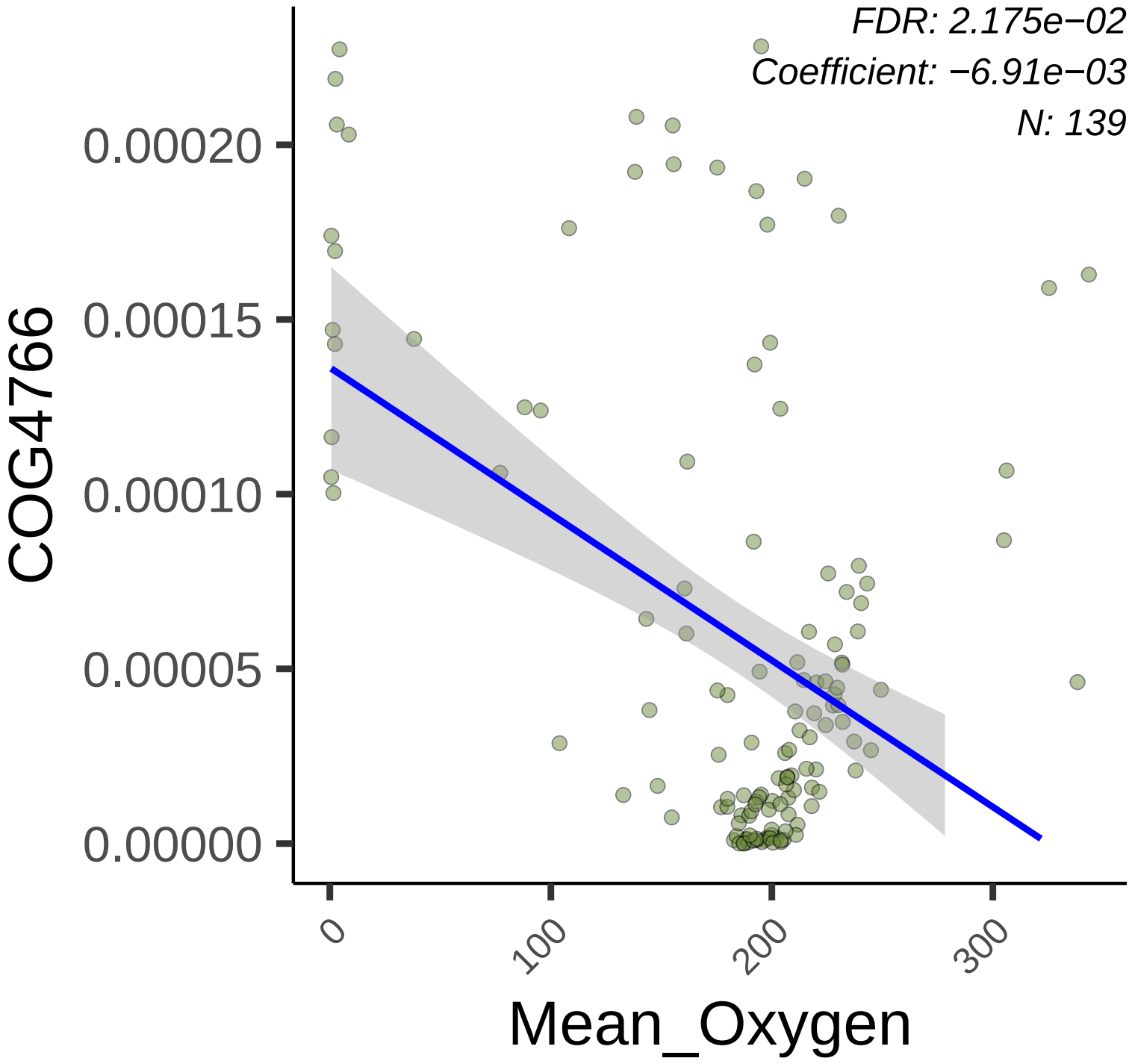
Mean_Oxygen


FDR: 2.175e−02
Coefficient: −6.91e−03
N: 139
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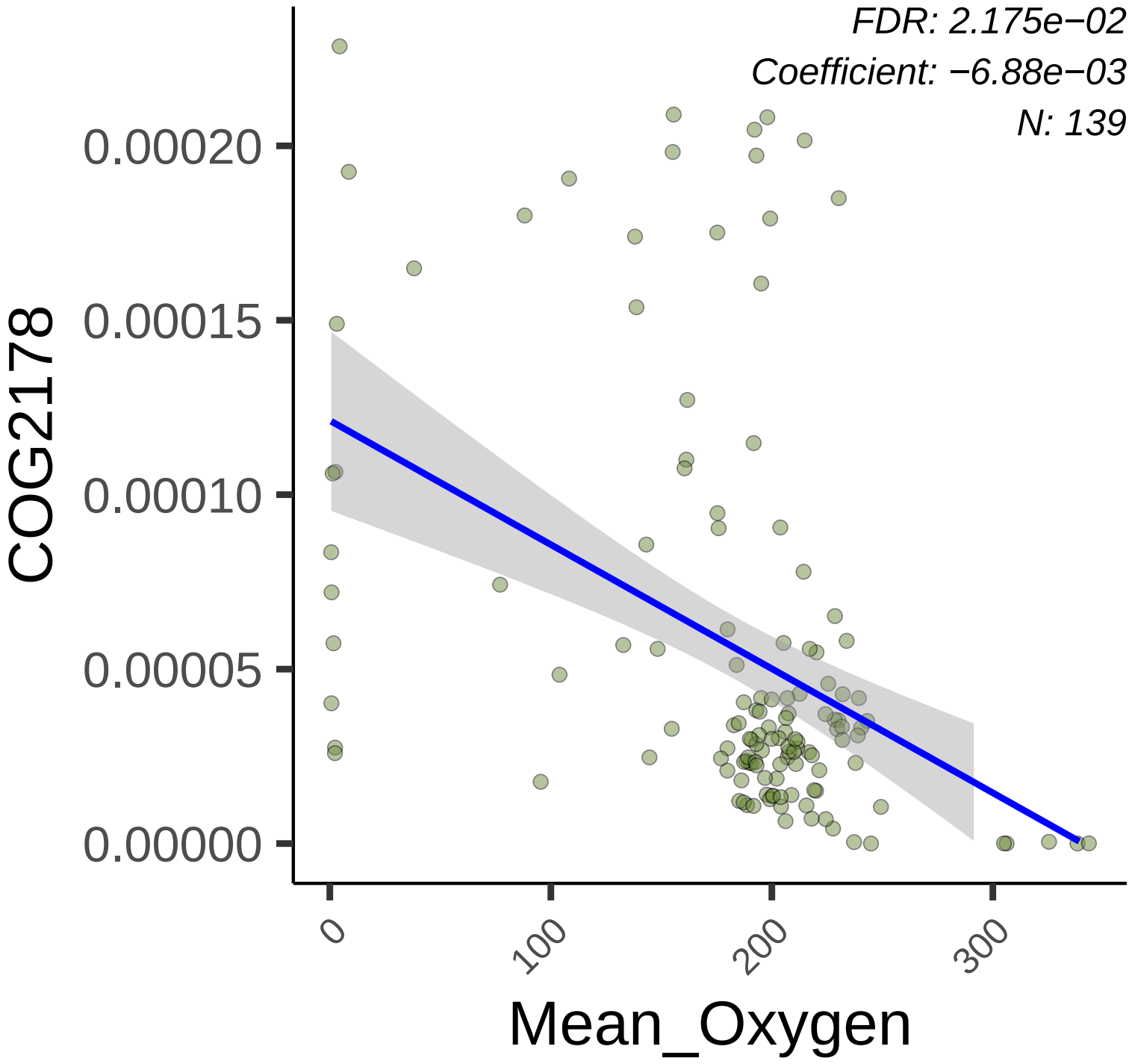
Mean_Oxygen


FDR: 2.175e−02
Coefficient: −6.88e−03
N: 139
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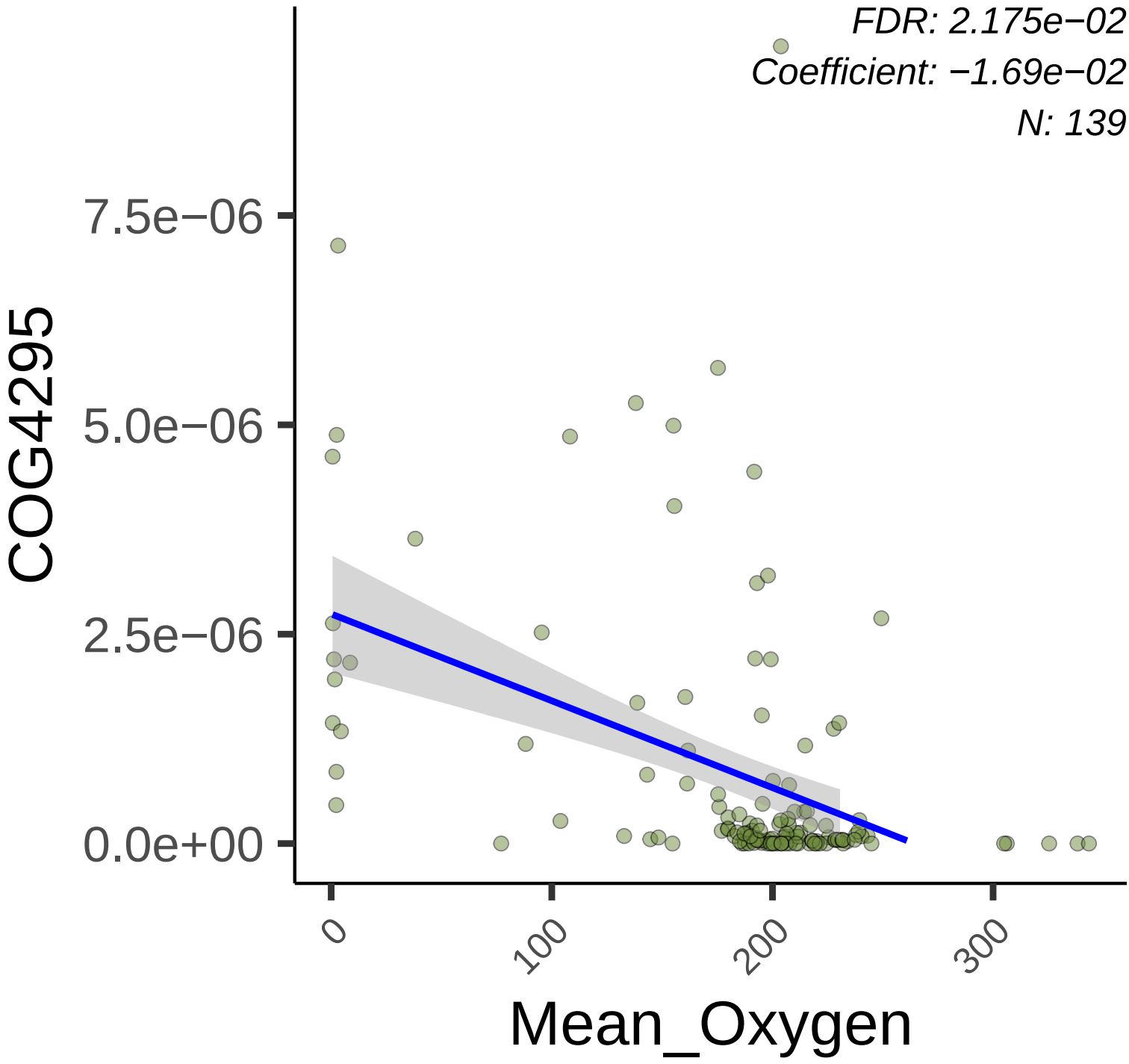
Mean_Oxygen


FDR: 2.175e−02
Coefficient: −1.69e−02
N: 139
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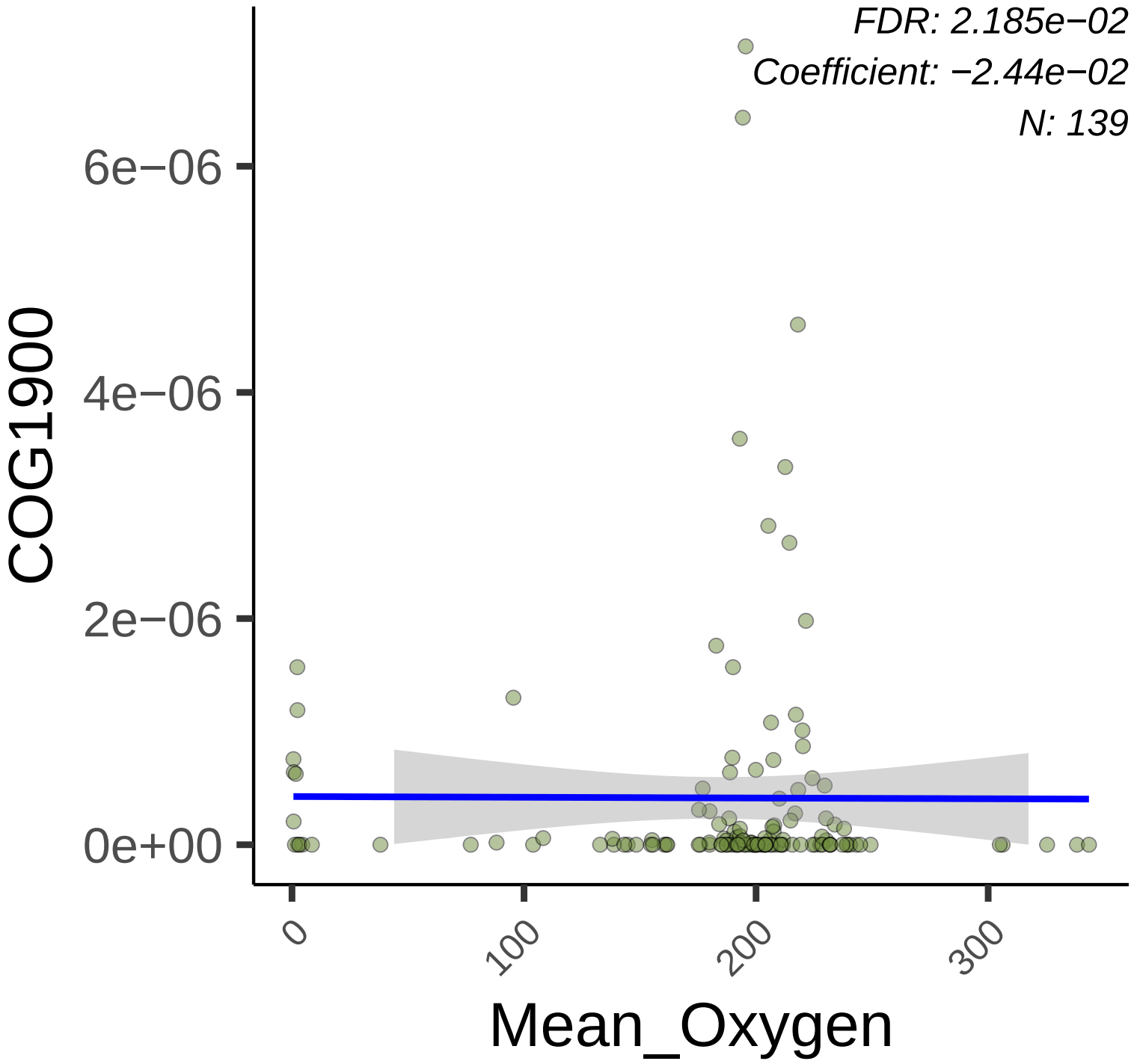
Mean_Oxygen


FDR: 2.185e−02
Coefficient: −2.44e−02
N: 139
COG1900
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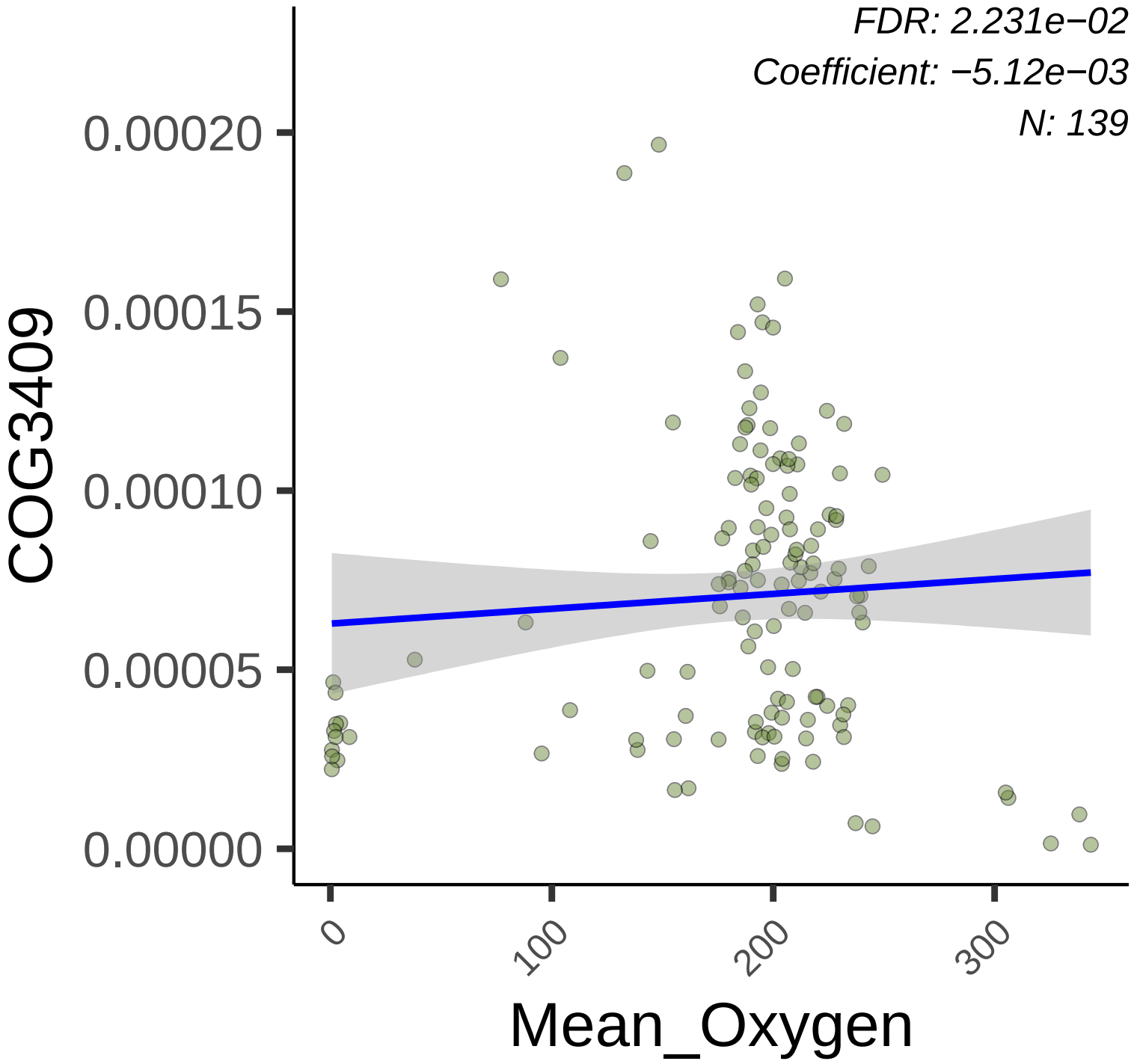
Mean_Oxygen


FDR: 2.231e−02
Coefficient: −5.12e−03
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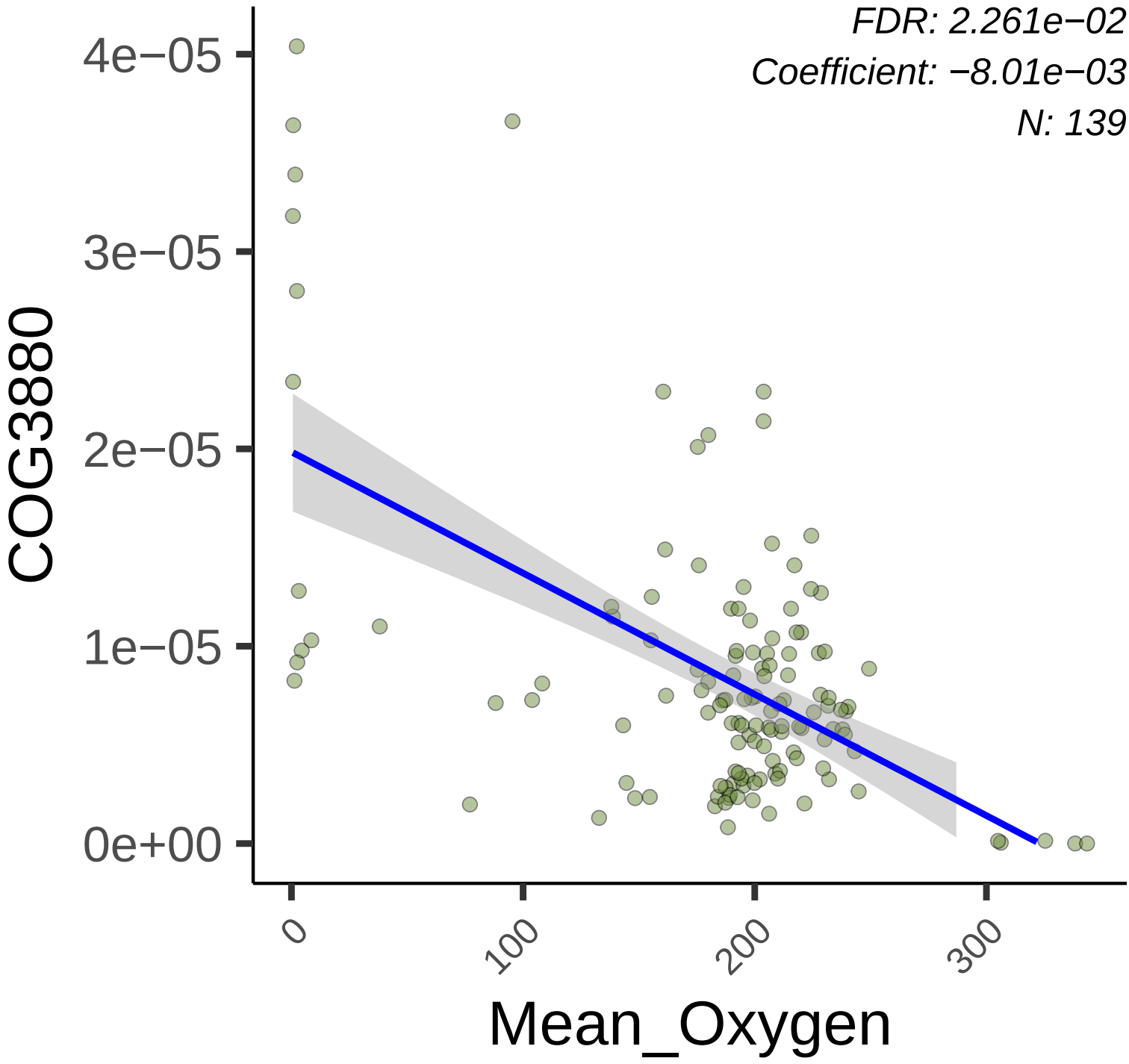
Mean_Oxygen


FDR: 2.261e−02
Coefficient: −8.01e−03
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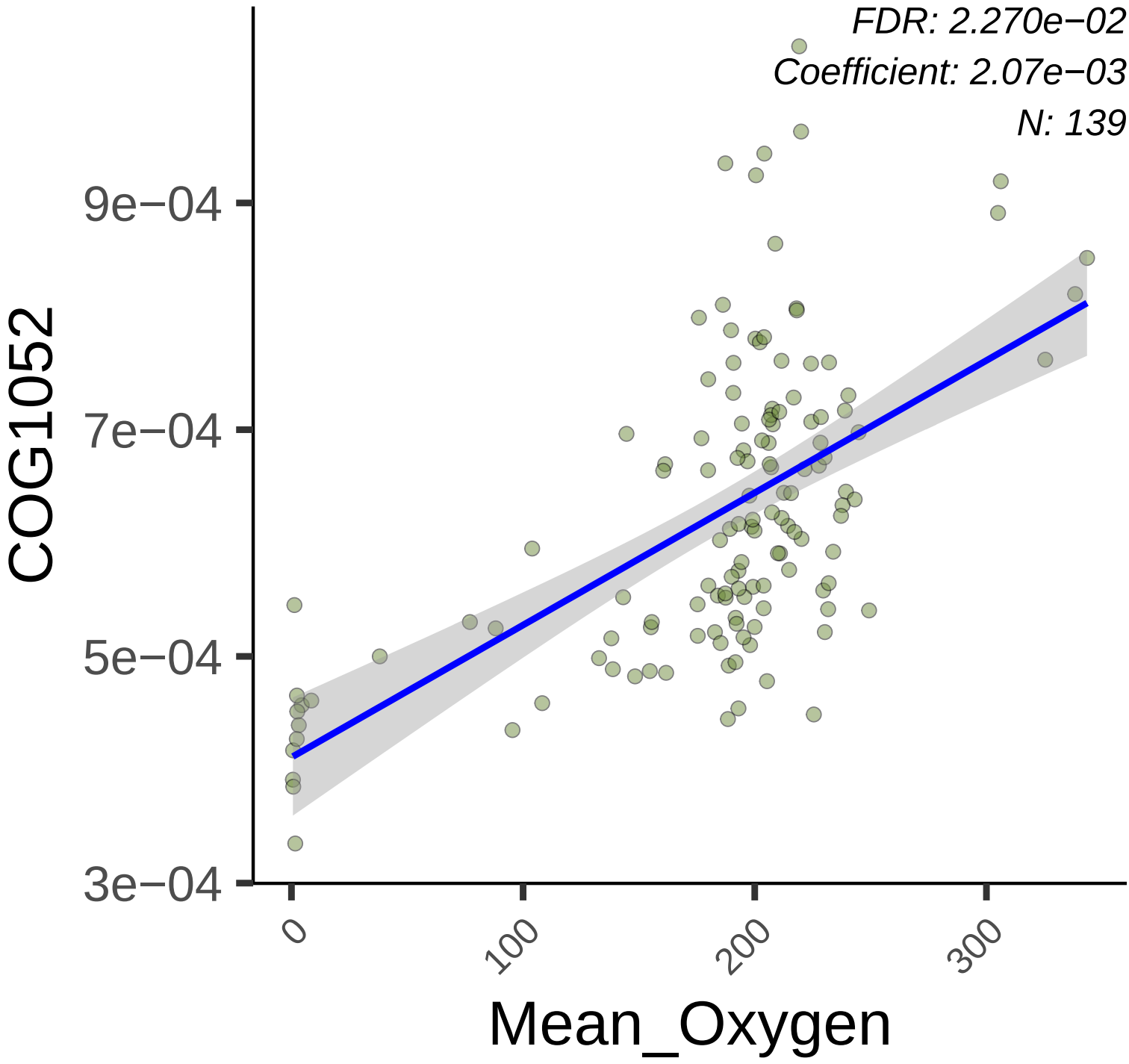
Mean_Oxygen


FDR: 2.270e−02
Coefficient: 2.07e−03
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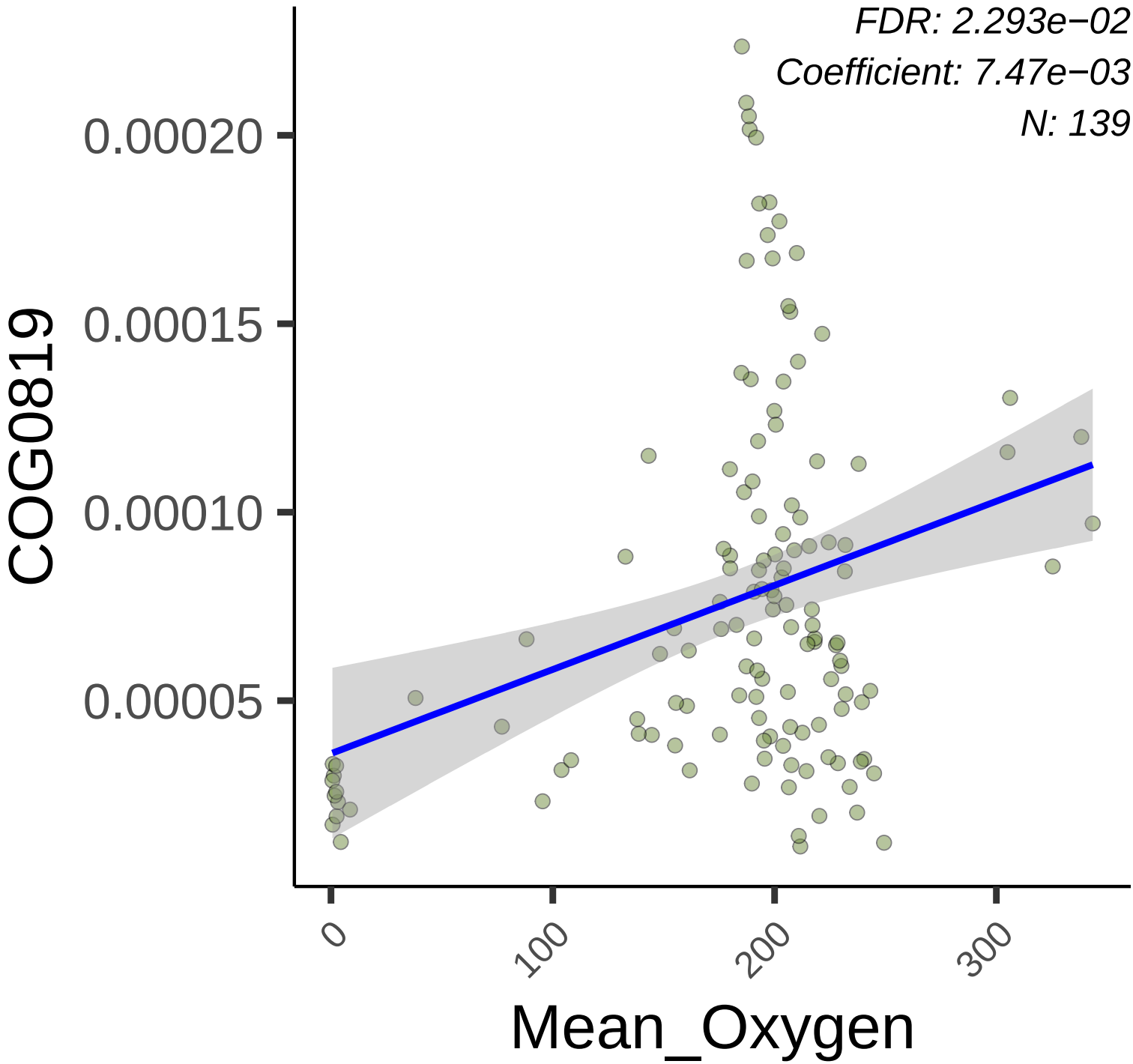
Mean_Oxygen


FDR: 2.293e−02
Coefficient: 7.47e−03
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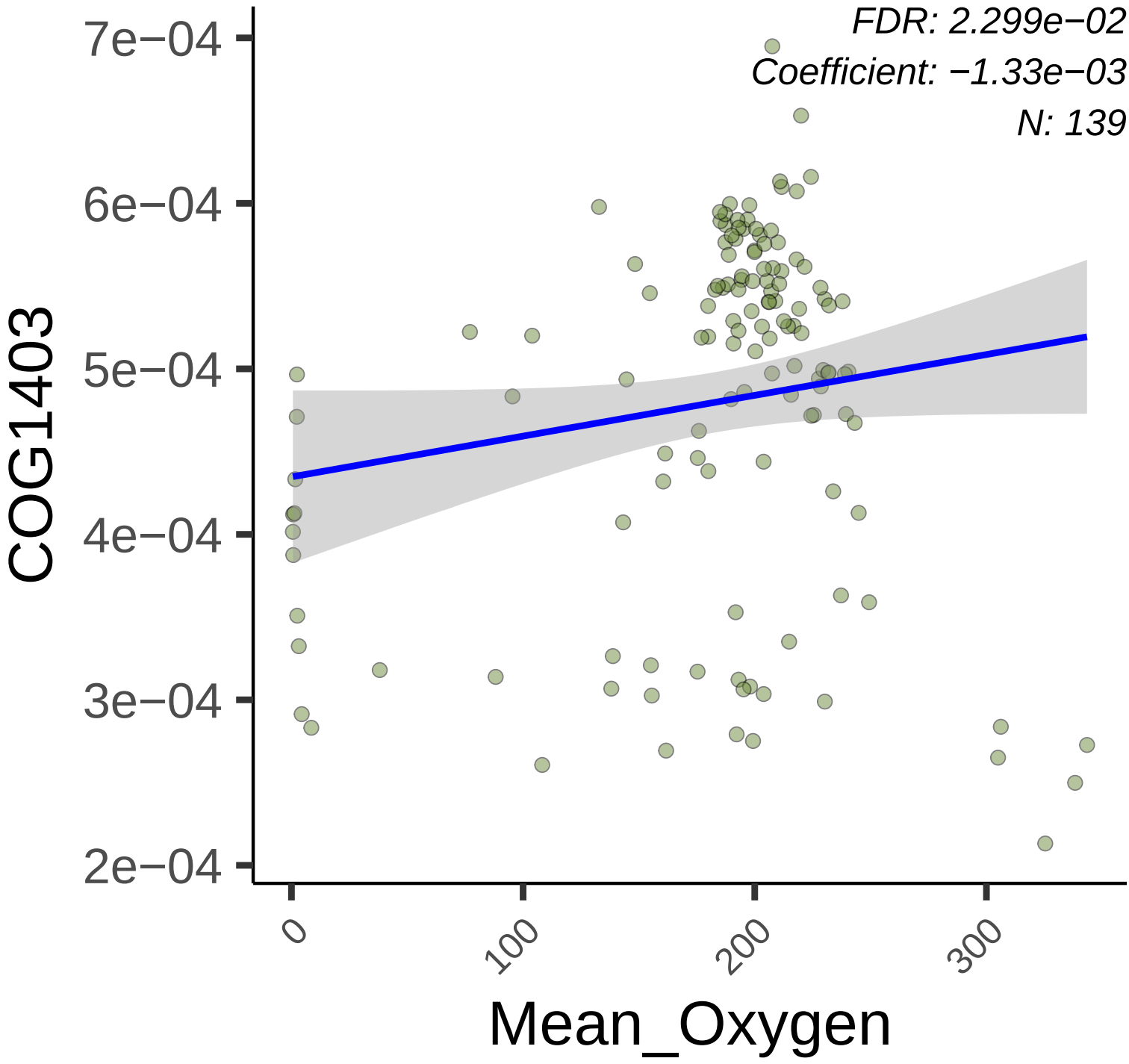
Mean_Oxygen


FDR: 2.299e−02
Coefficient: −1.33e−03
N: 139
7e−04
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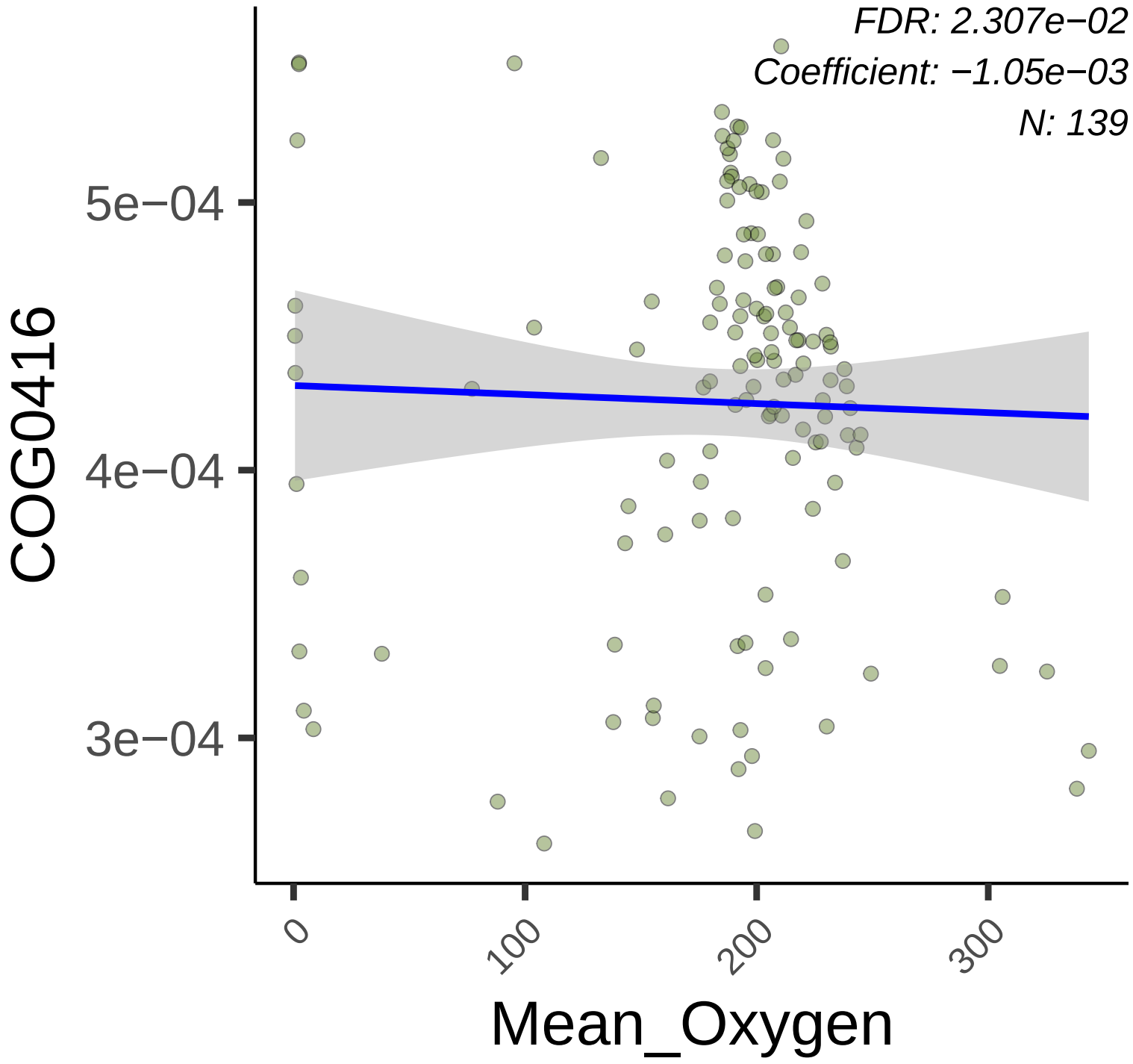
Mean_Oxygen


FDR: 2.307e−02
Coefficient: −1.05e−03
N: 139
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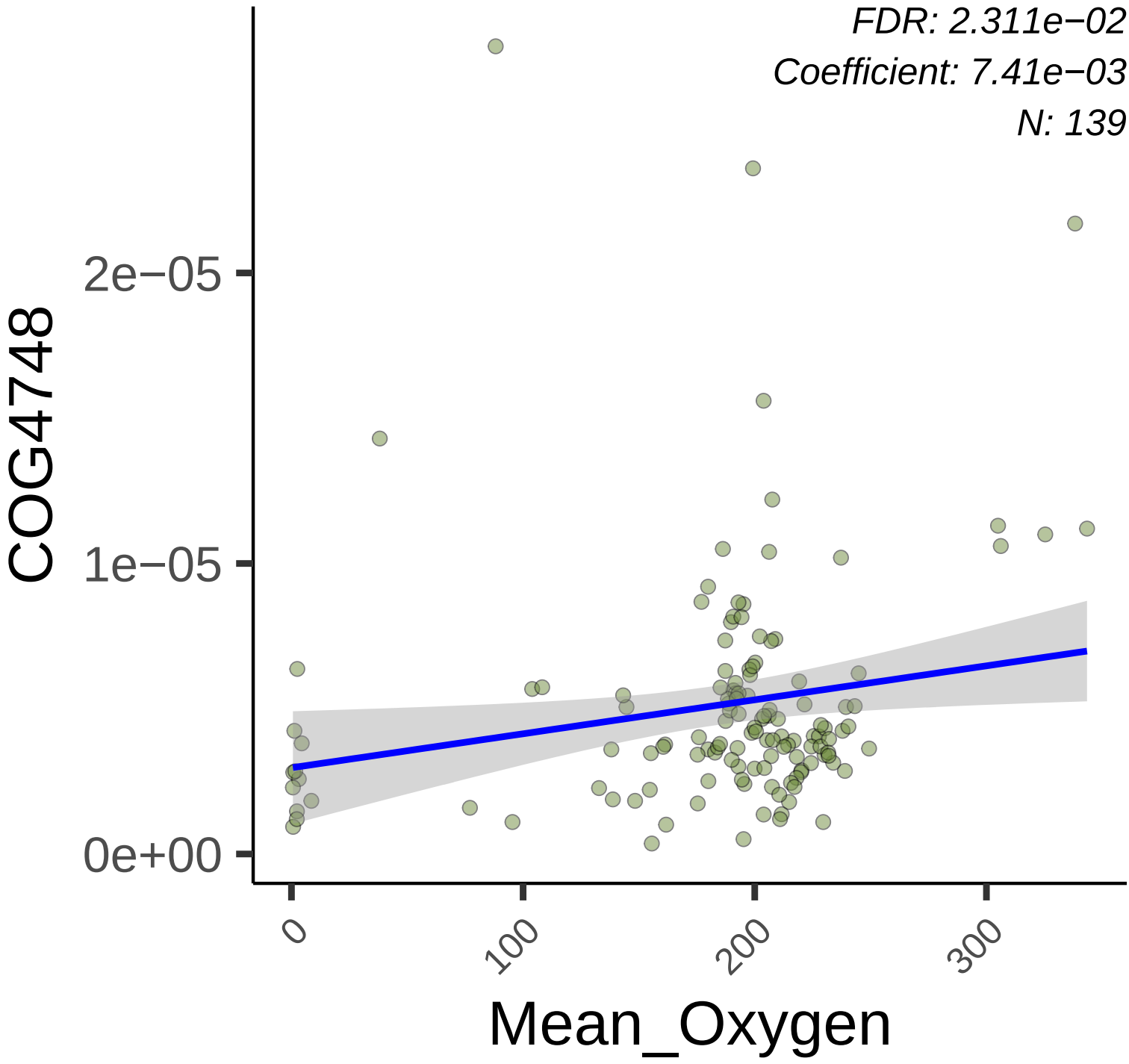
Mean_Oxygen


FDR: 2.311e−02
Coefficient: 7.41e−03
N: 139
COG4748
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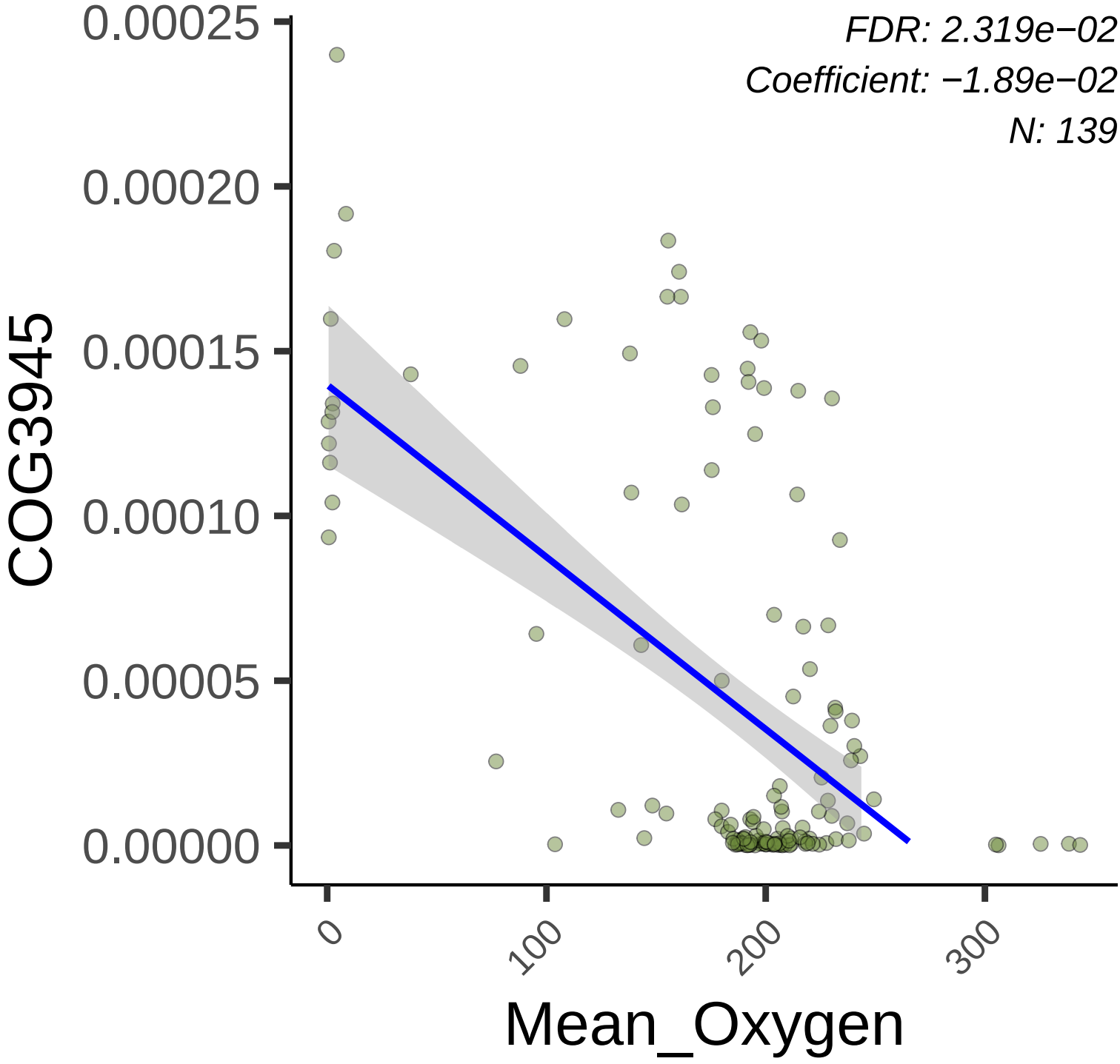
Mean_Oxygen


FDR: 2.319e−02
Coefficient: −1.89e−02
N: 139
COG3945
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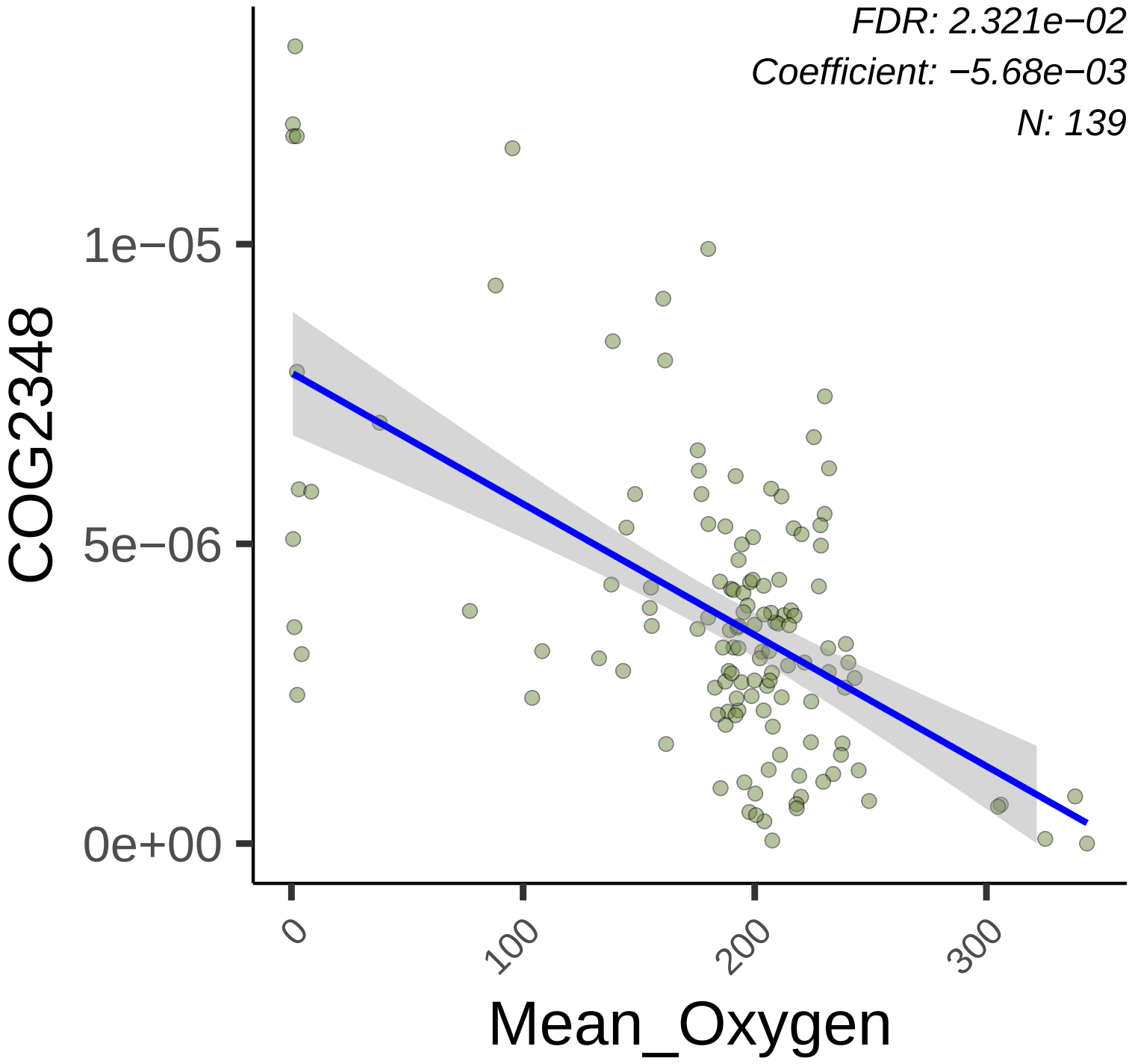
300
Mean_Oxygen


FDR: 2.321e−02
Coefficient: −5.68e−03
N: 139
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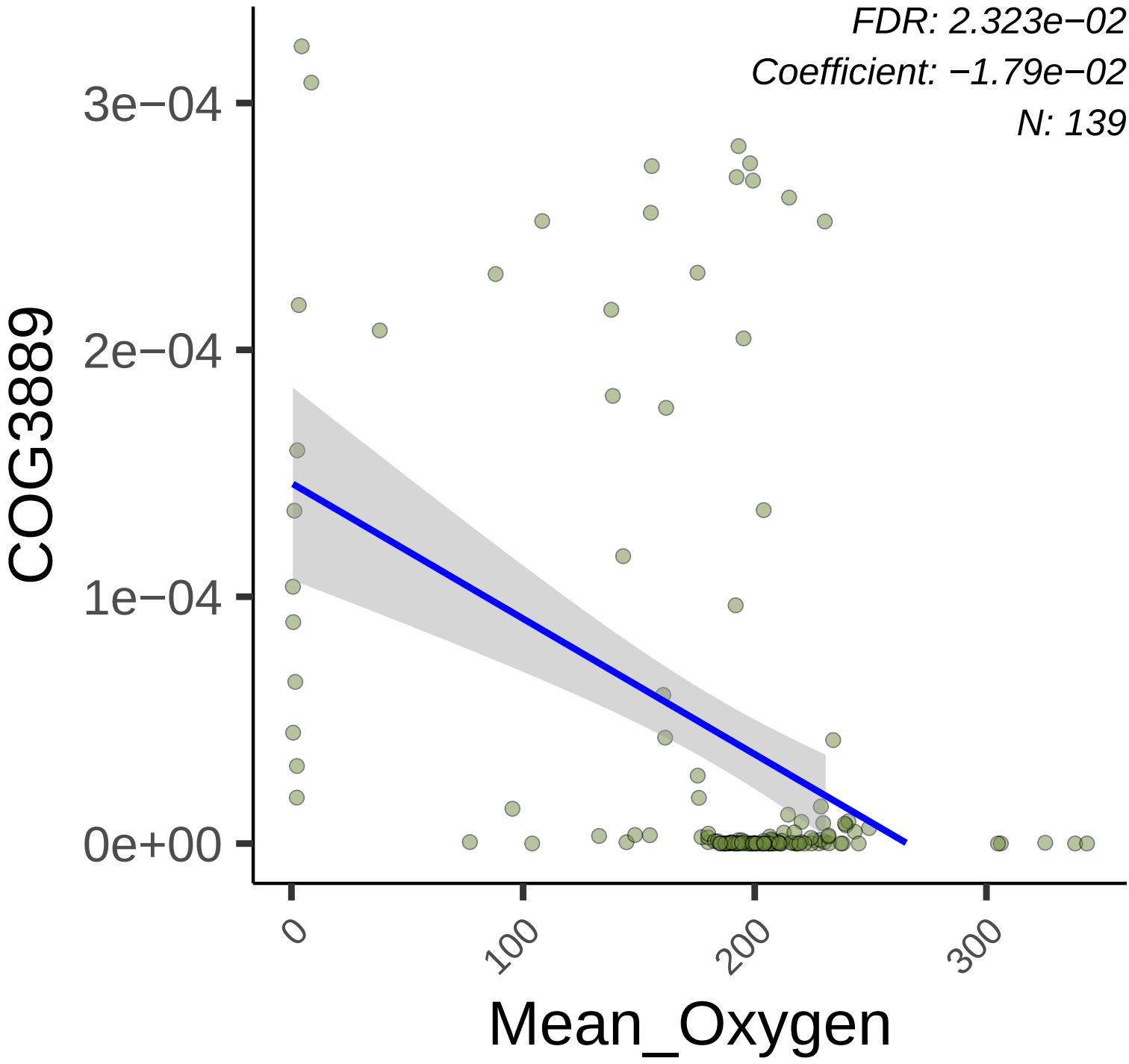
Mean_Oxygen


FDR: 2.323e−02
Coefficient: −1.79e−02
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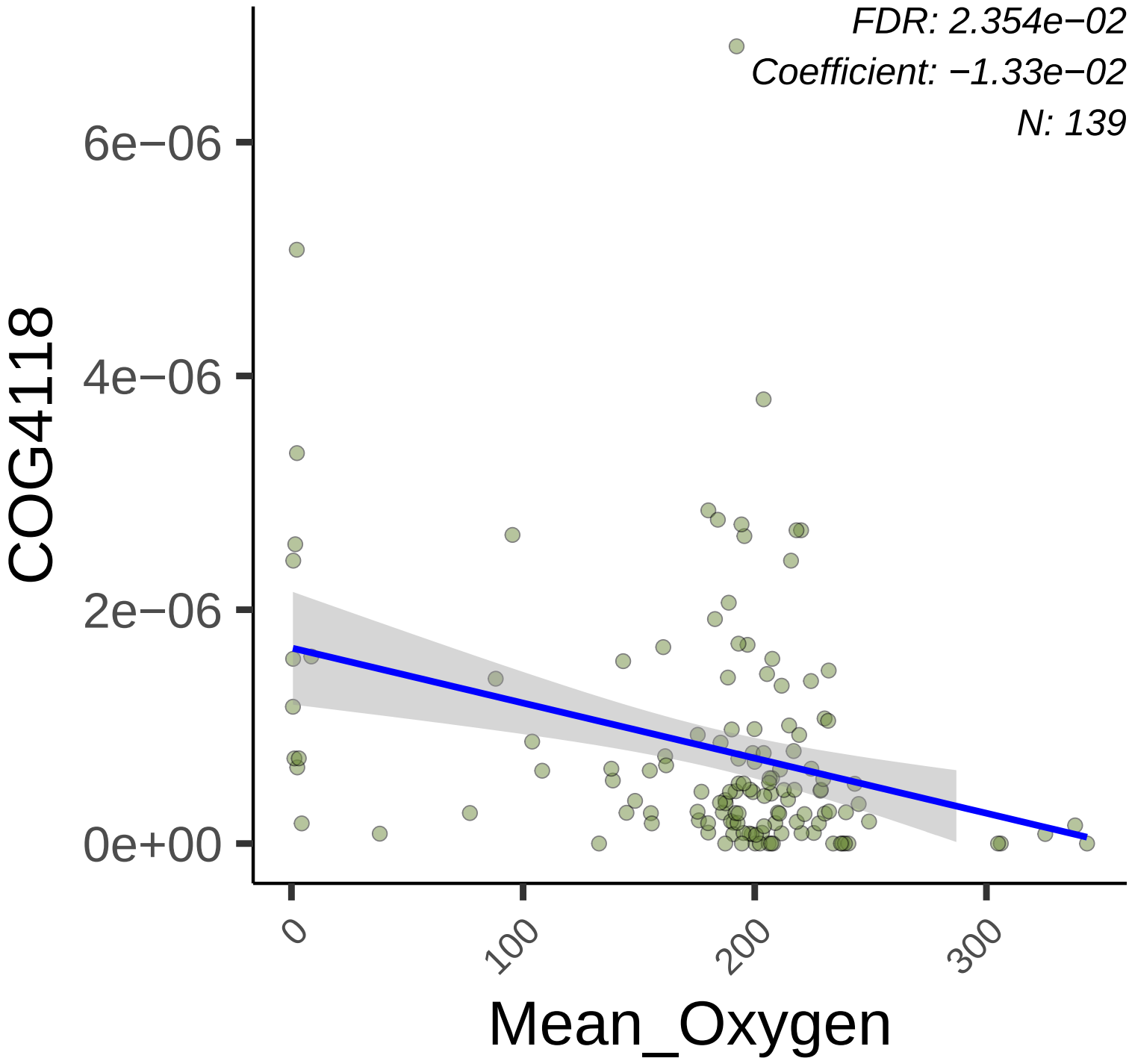
Mean_Oxygen


FDR: 2.354e−02
Coefficient: −1.33e−02
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COG4118
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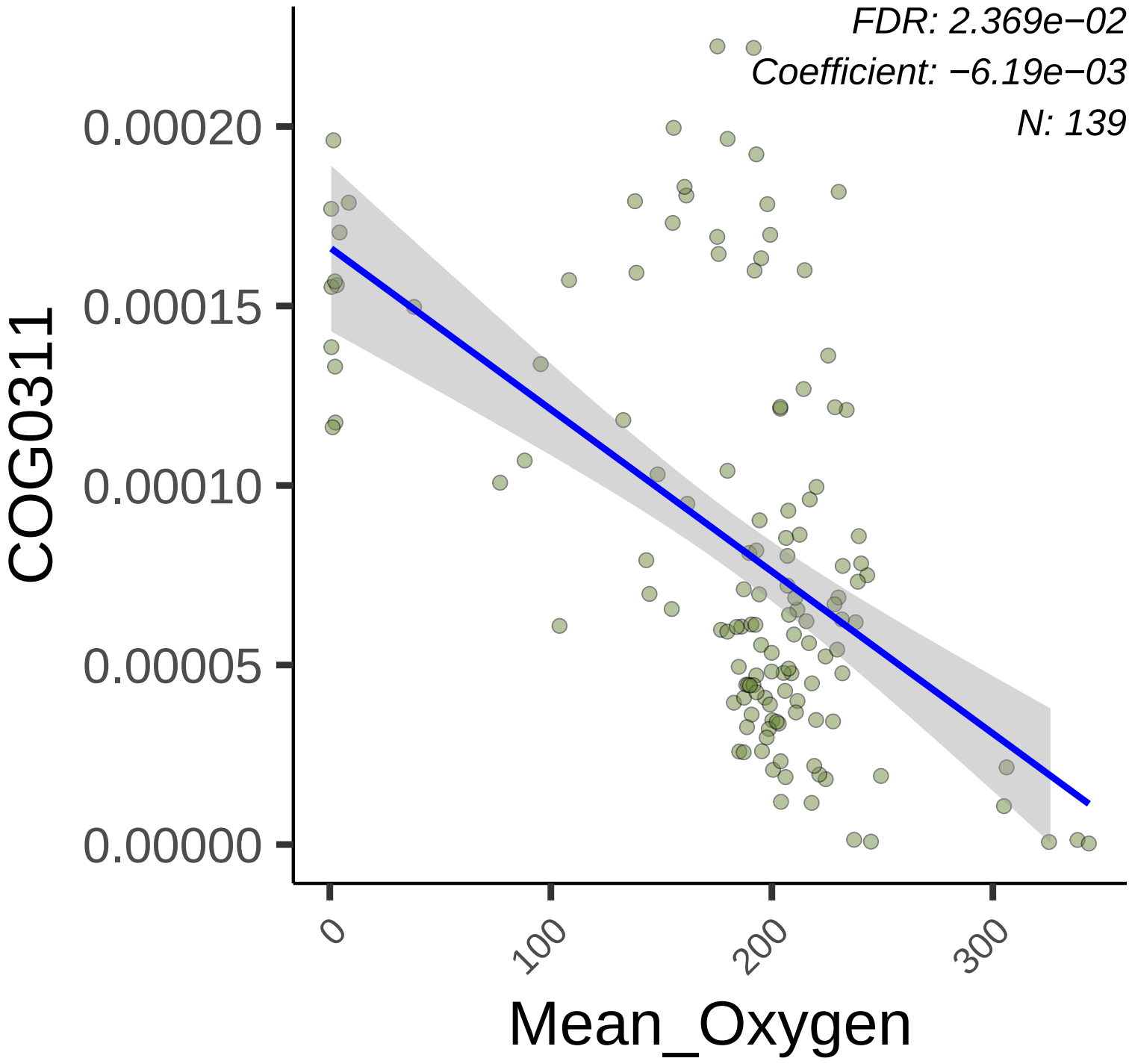
Mean_Oxygen


FDR: 2.369e−02
Coefficient: −6.19e−03
N: 139
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COG0311
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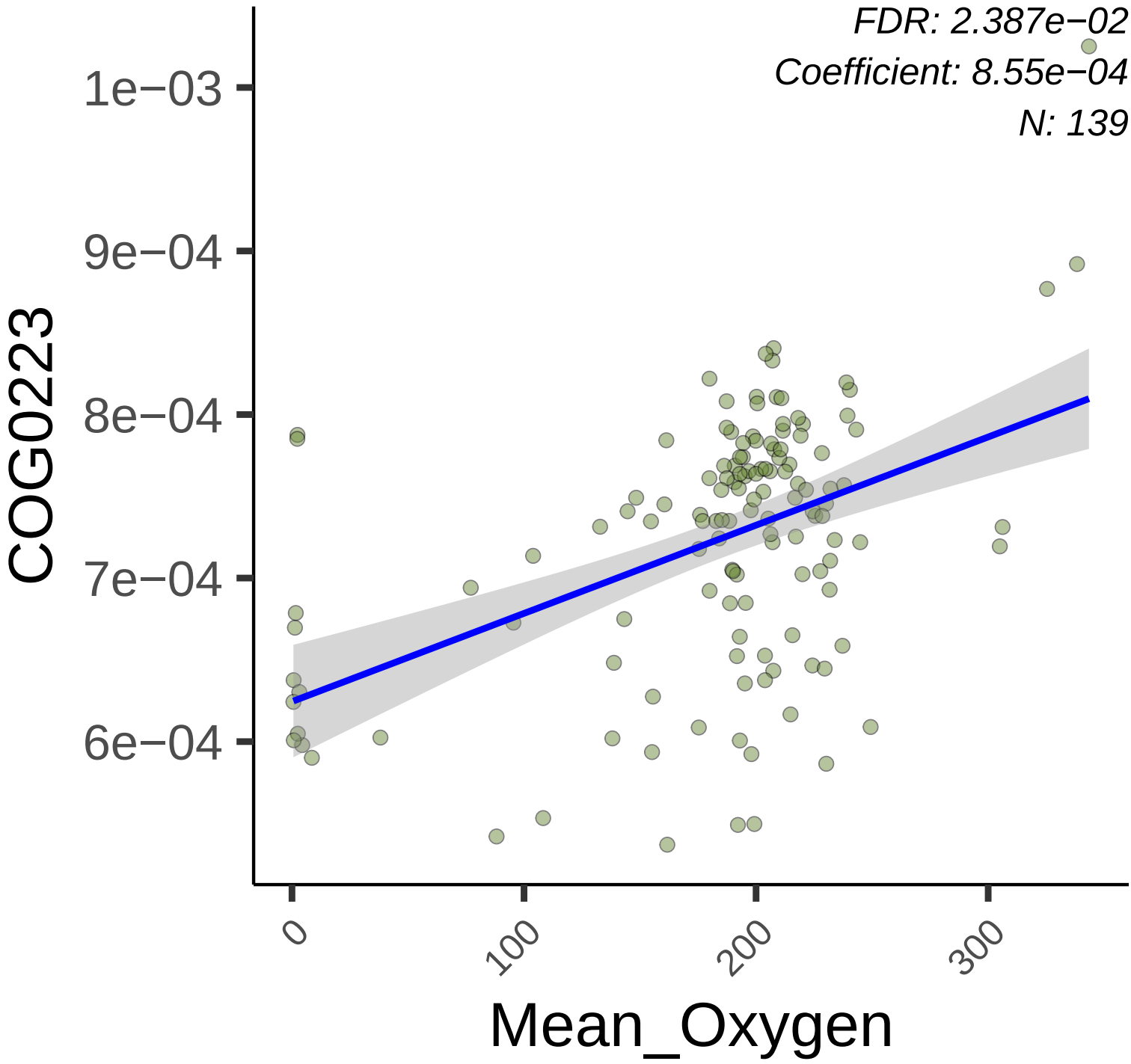
300
Mean_Oxygen


FDR: 2.387e−02
Coefficient: 8.55e−04
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COG0223
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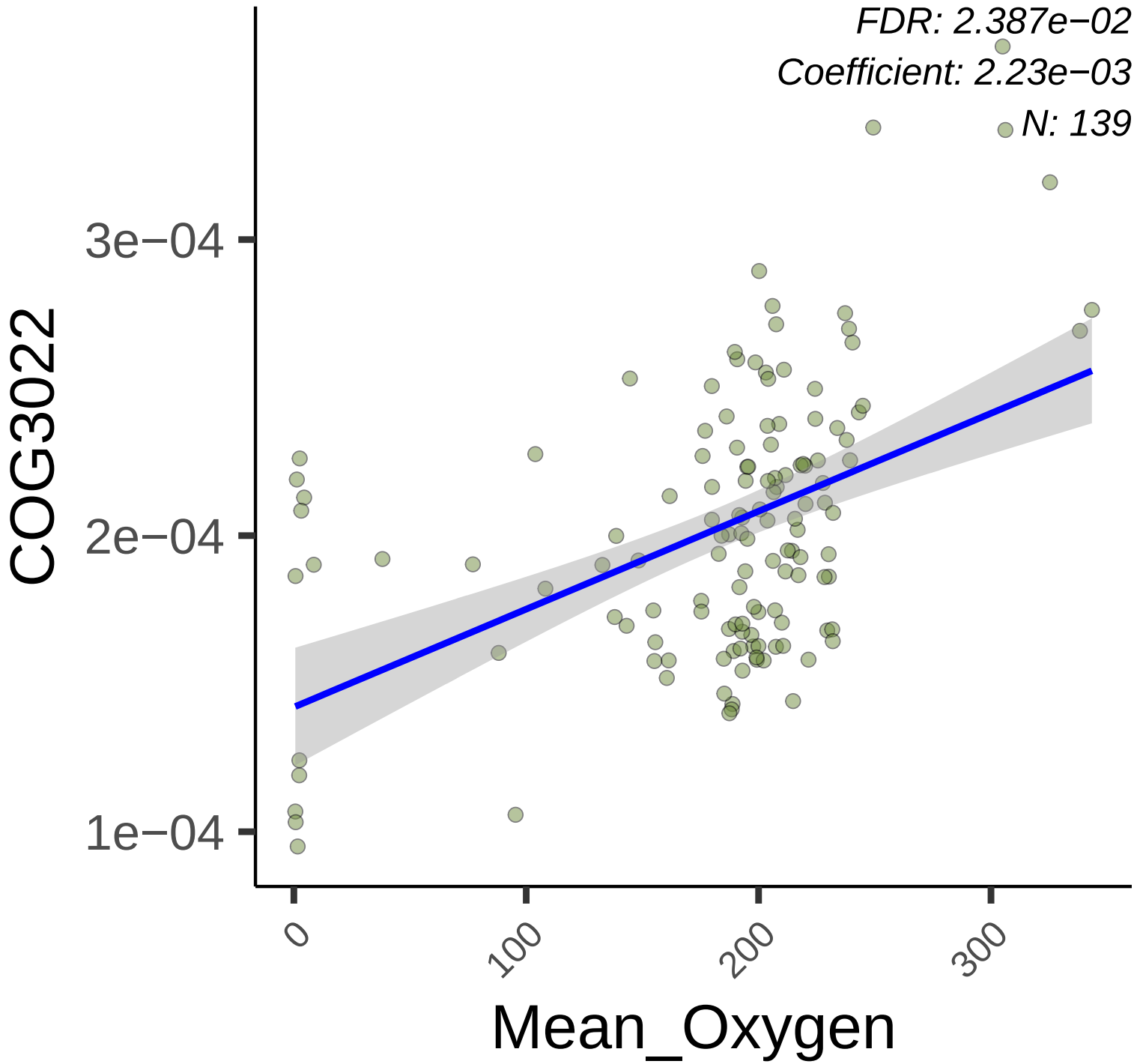
200
300
Mean_Oxygen


FDR: 2.387e−02
Coefficient: 2.23e−03
N: 139
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COG3022
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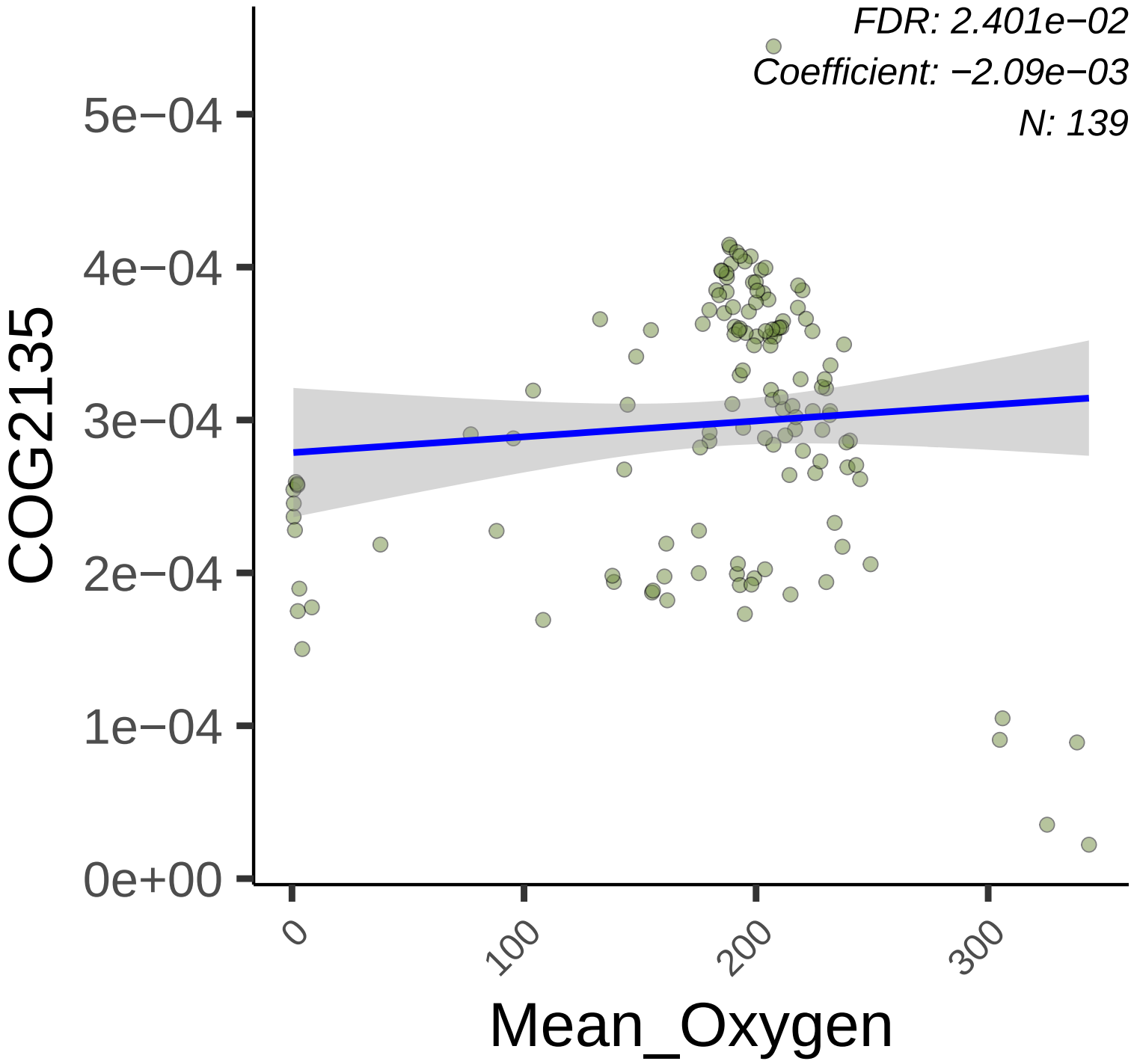
200
300
Mean_Oxygen


FDR: 2.401e−02
Coefficient: −2.09e−03
N: 139
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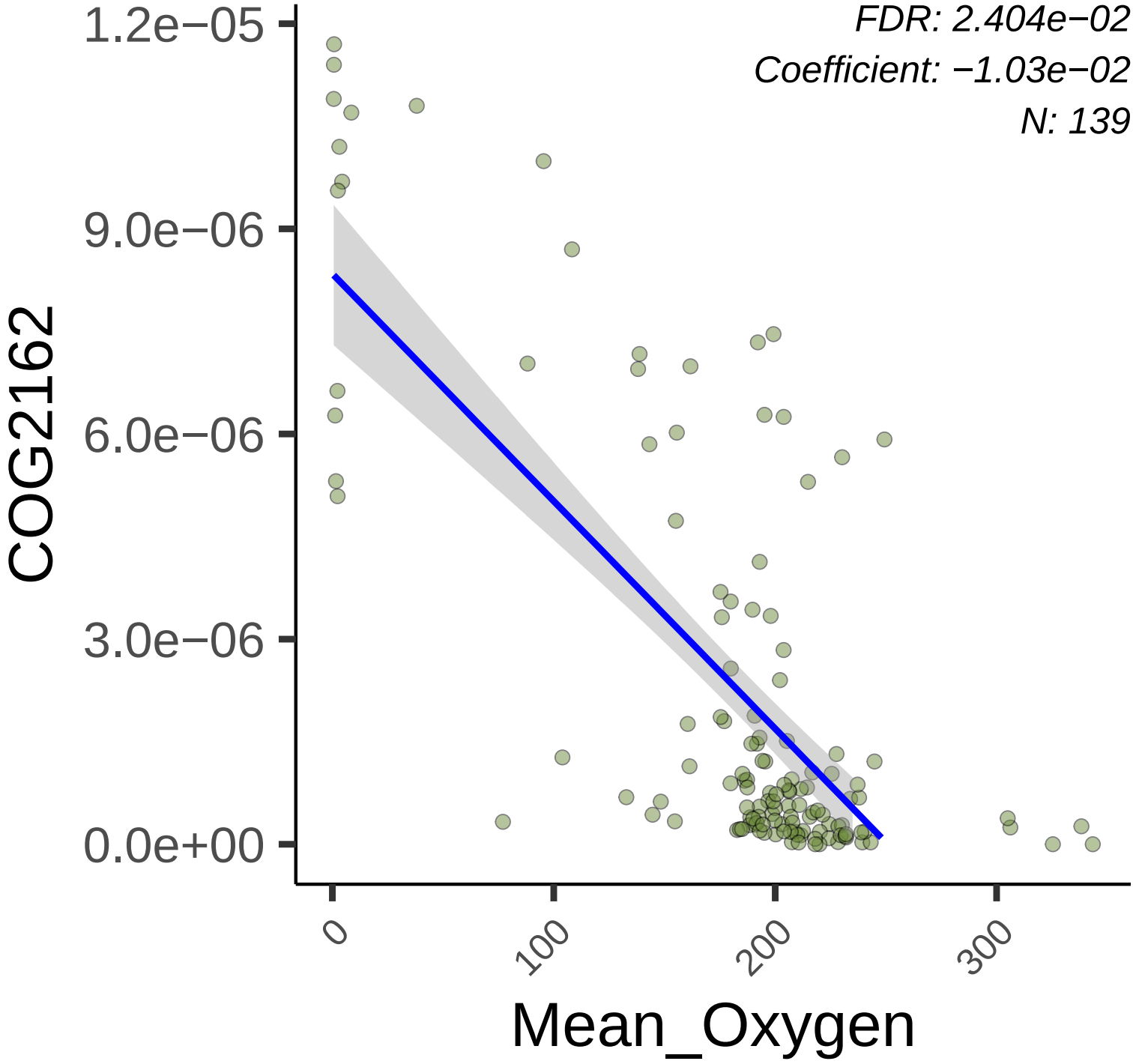
300
Mean_Oxygen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Coefficient: −1.03e−02
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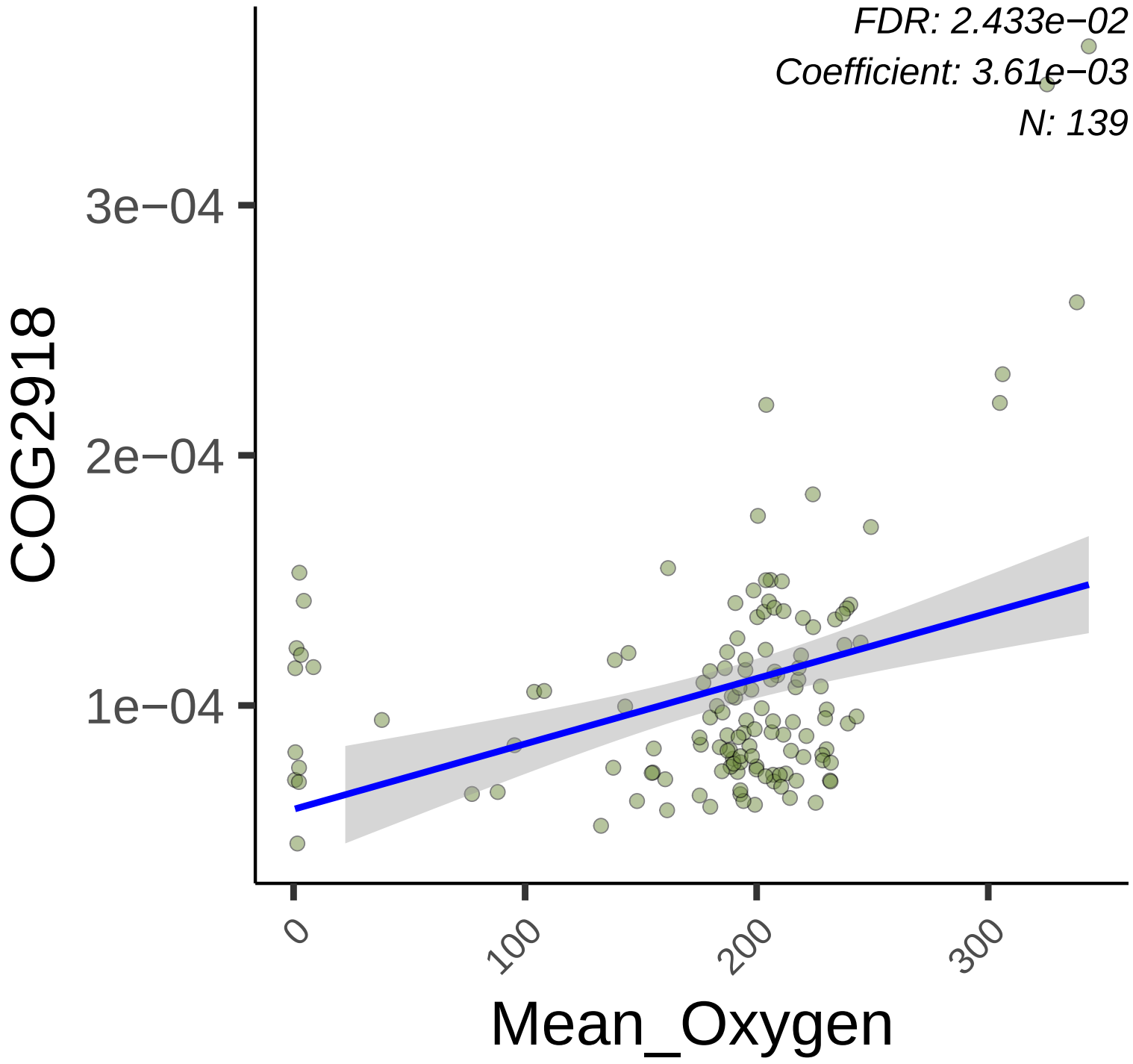
300
Mean_Oxygen


FDR: 2.433e−02
Coefficient: 3.61e−03
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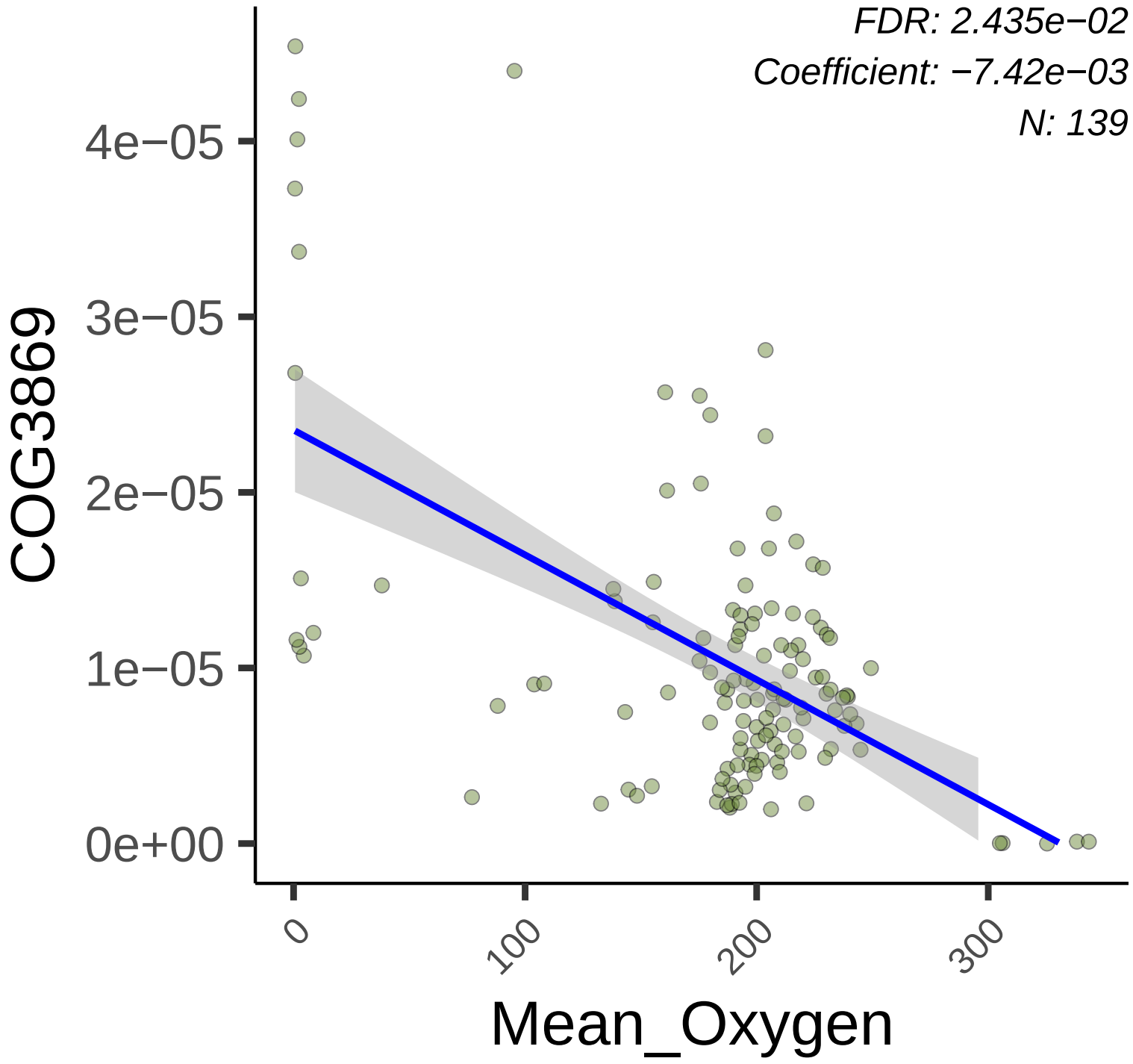
Mean_Oxygen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Coefficient: −7.42e−03
N: 139
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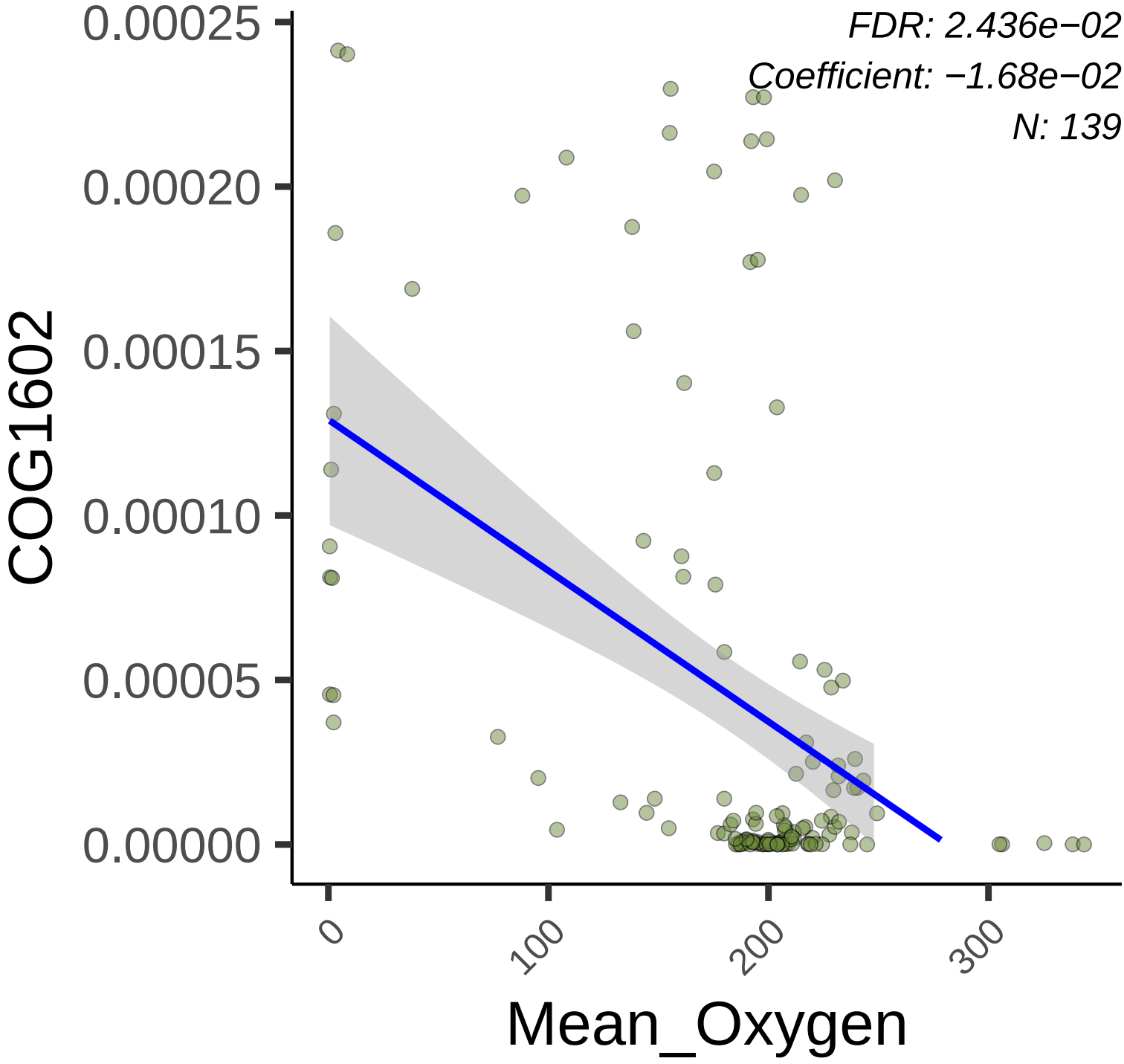
300
Mean_Oxygen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Coefficient: −1.68e−02
N: 139
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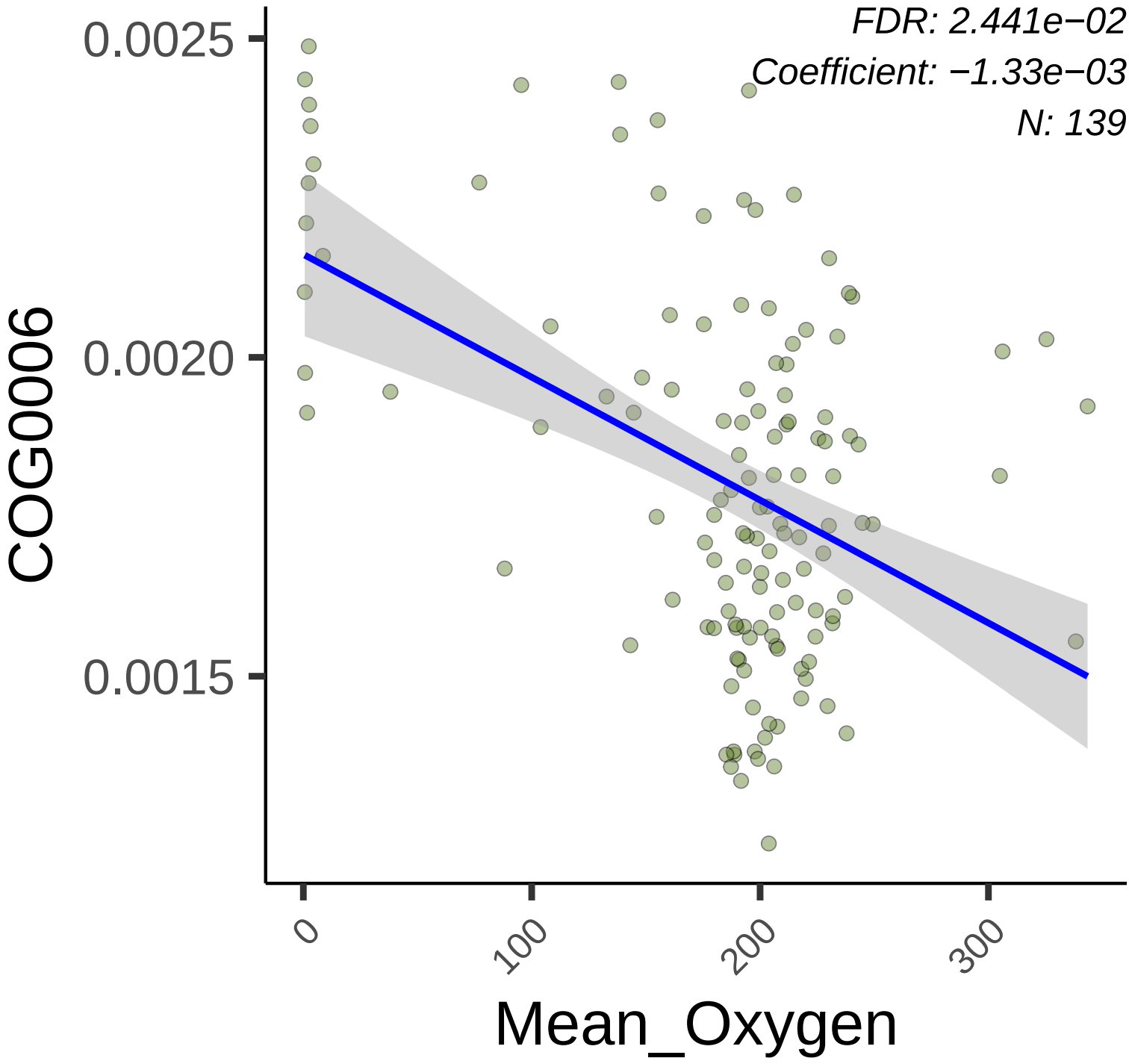
Mean_Oxygen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COG0006
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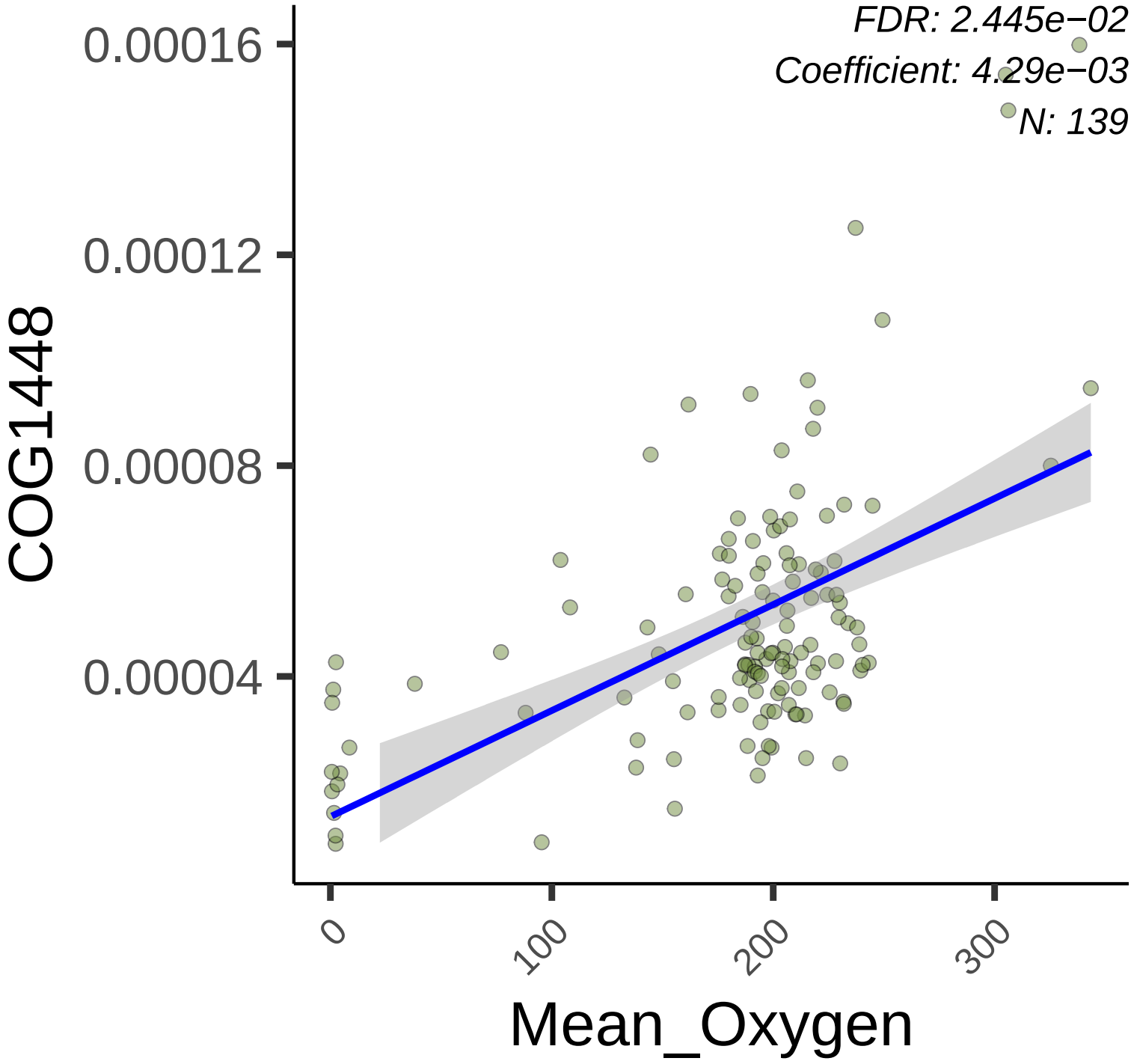
Mean_Oxygen


FDR: 2.445e−02
Coefficient: 4.29e−03
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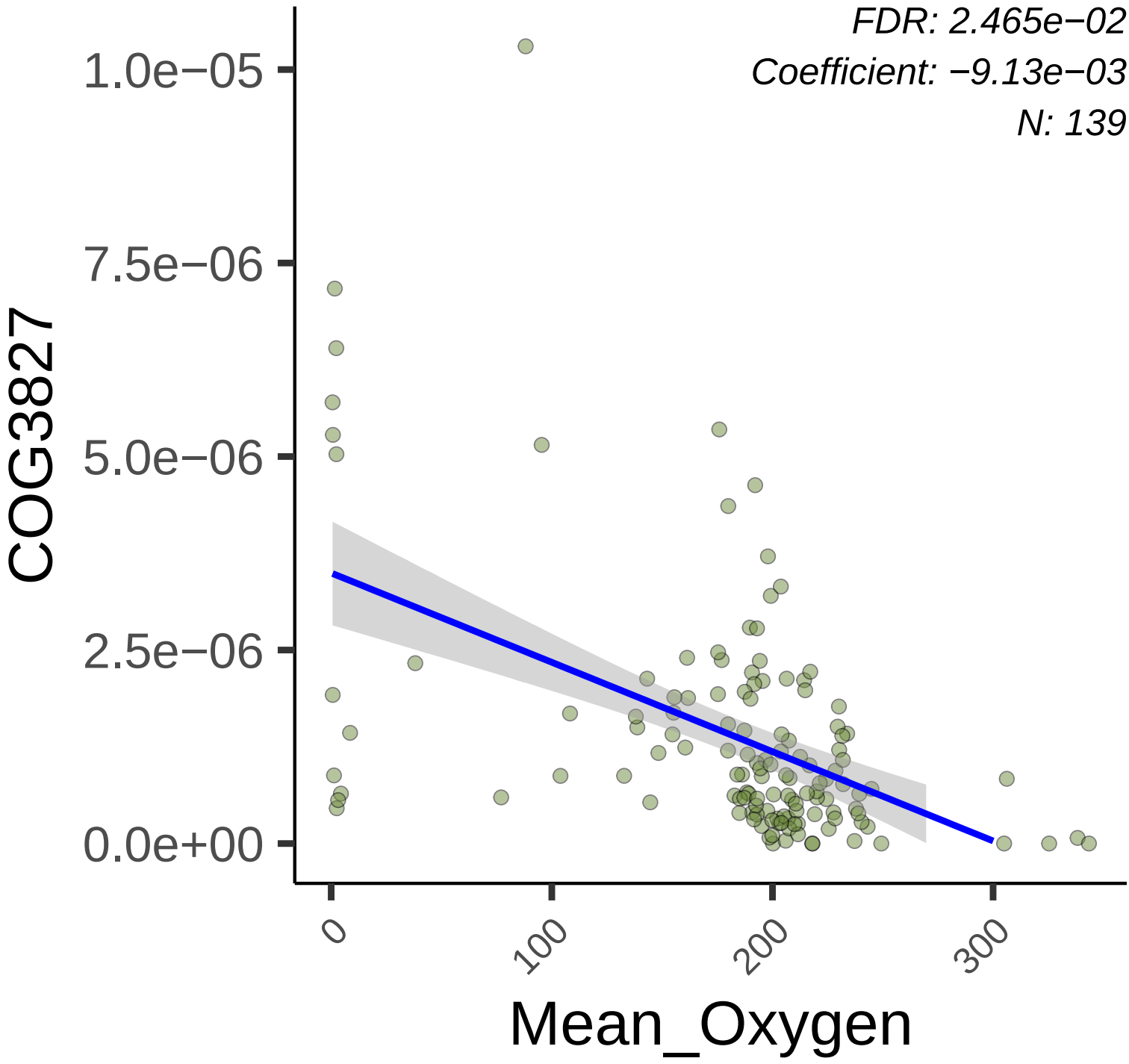
Mean_Oxygen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Coefficient: −9.13e−03
N: 139
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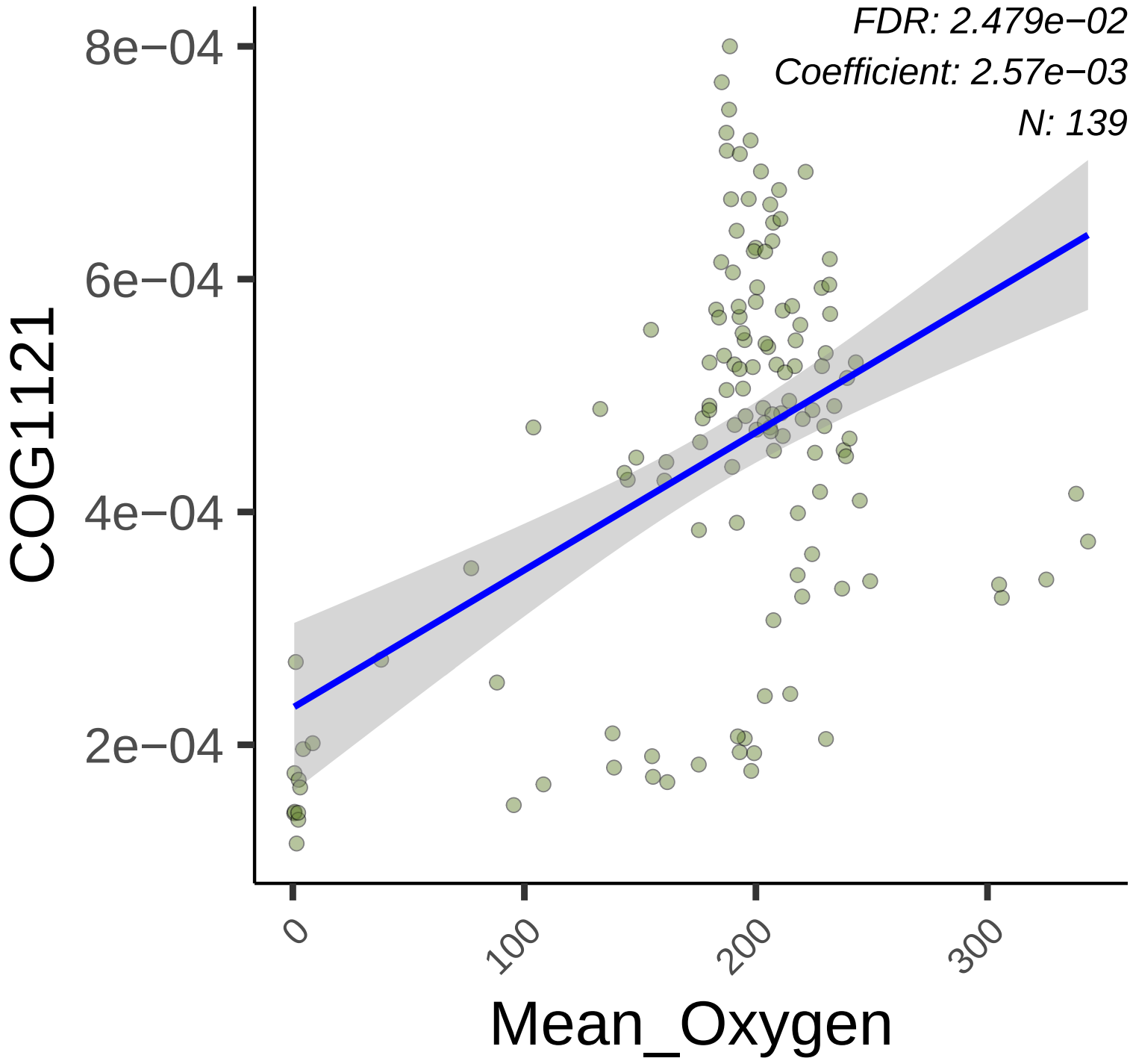
Mean_Oxygen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Coefficient: 2.57e−03
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COG1121
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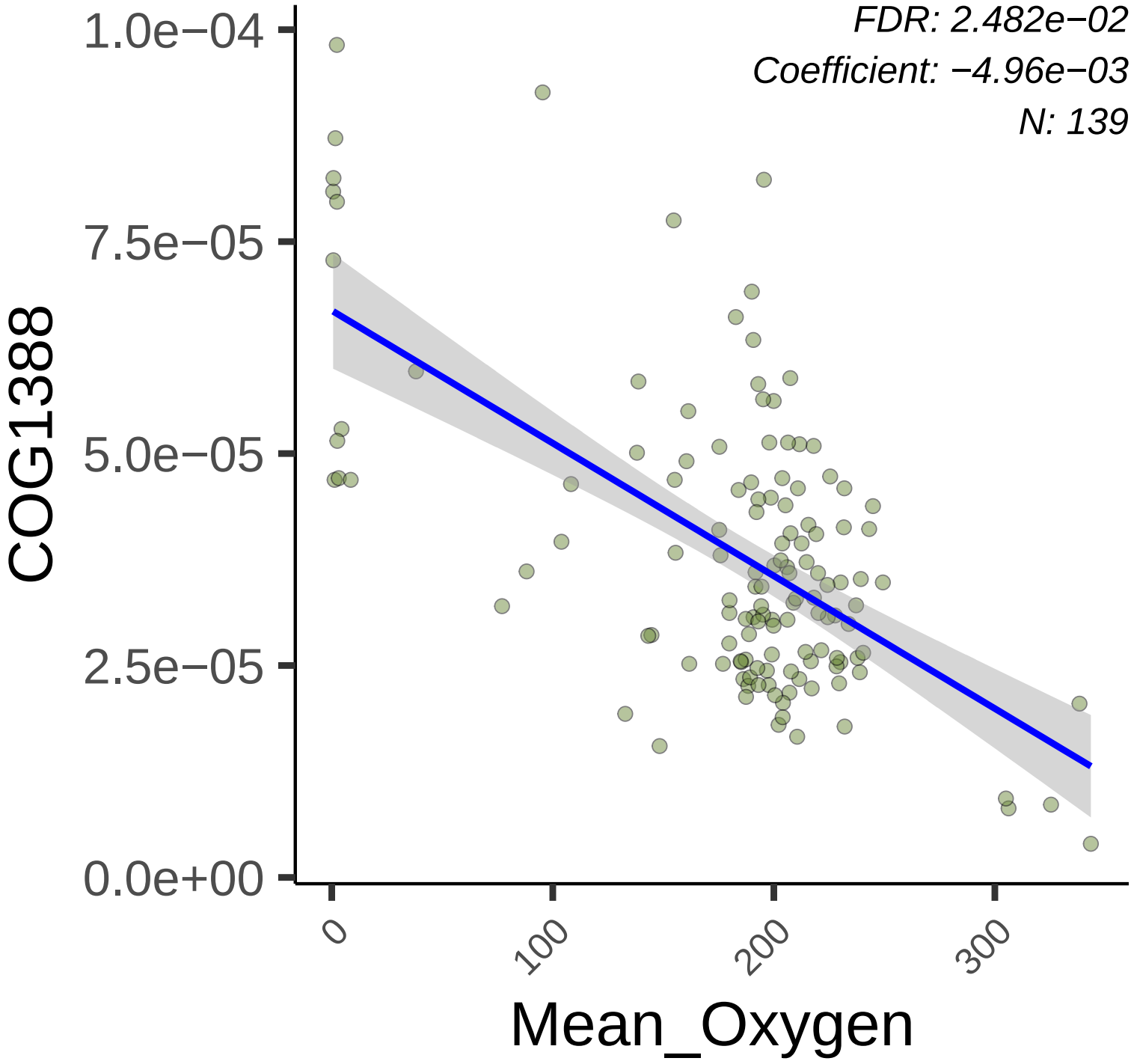
300
Mean_Oxygen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Coefficient: −4.96e−03
N: 139
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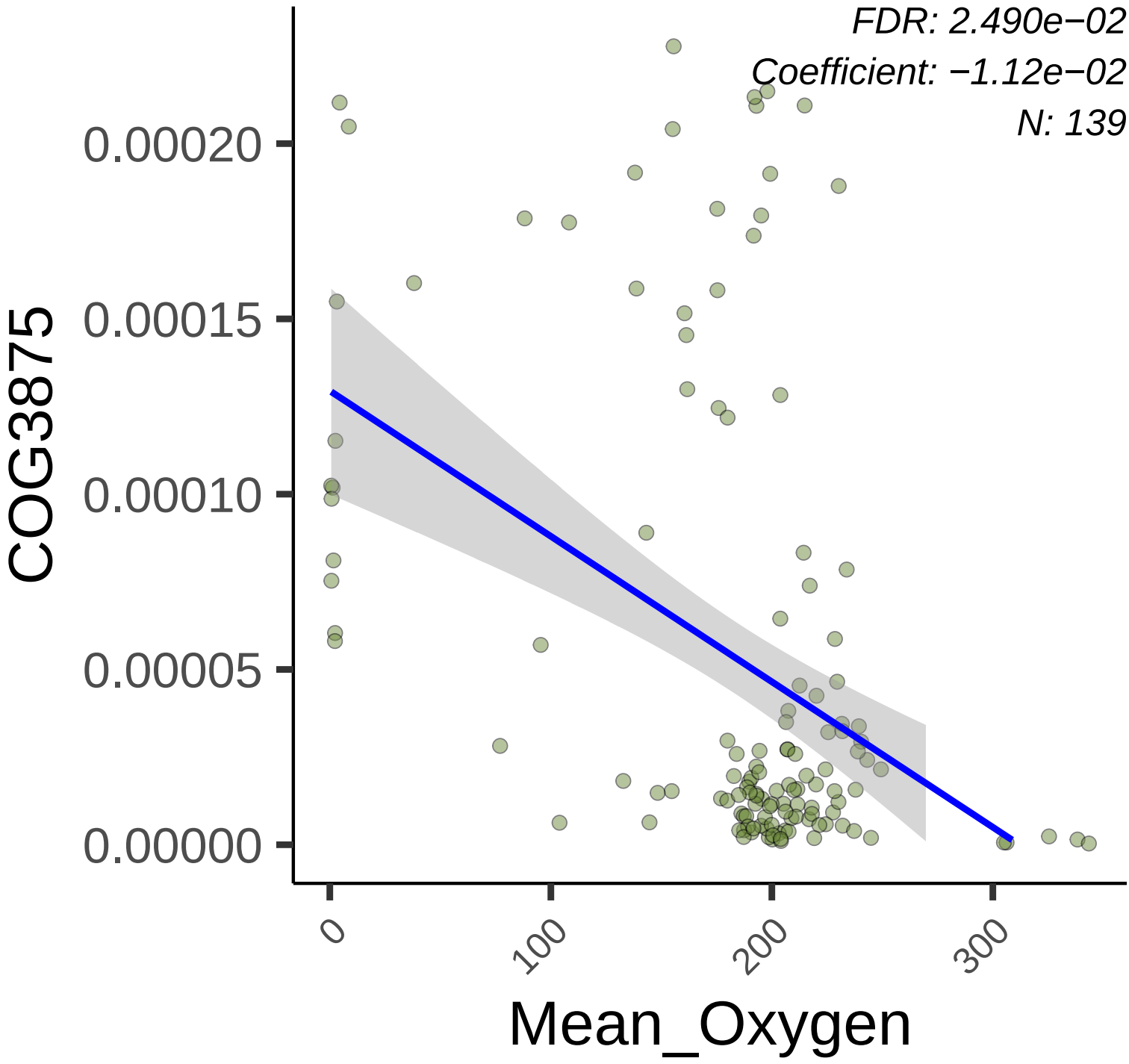
300
Mean_Oxygen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Coefficient: −1.12e−02
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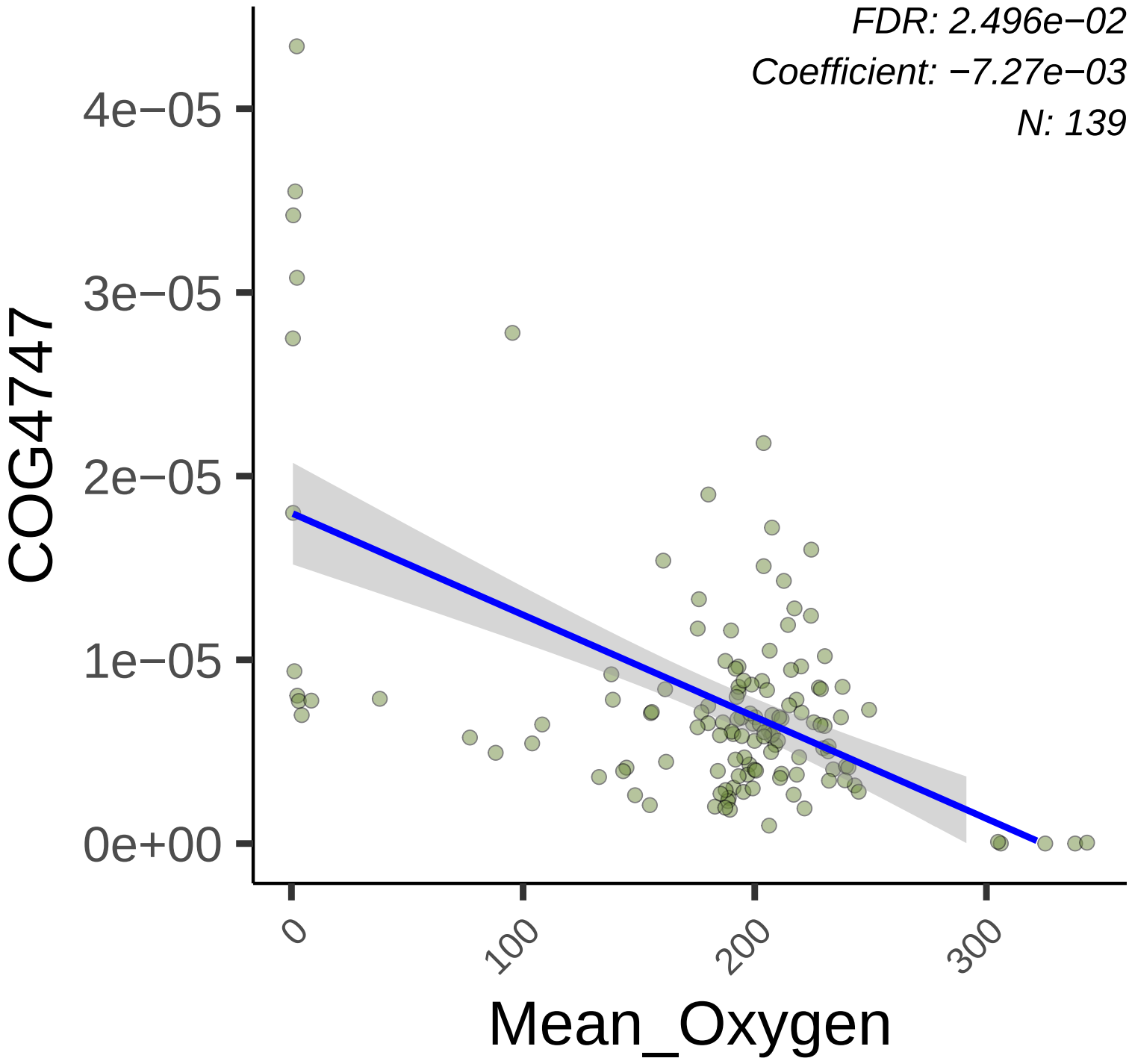
Mean_Oxygen


FDR: 2.496e−02
Coefficient: −7.27e−03
N: 139
COG4747
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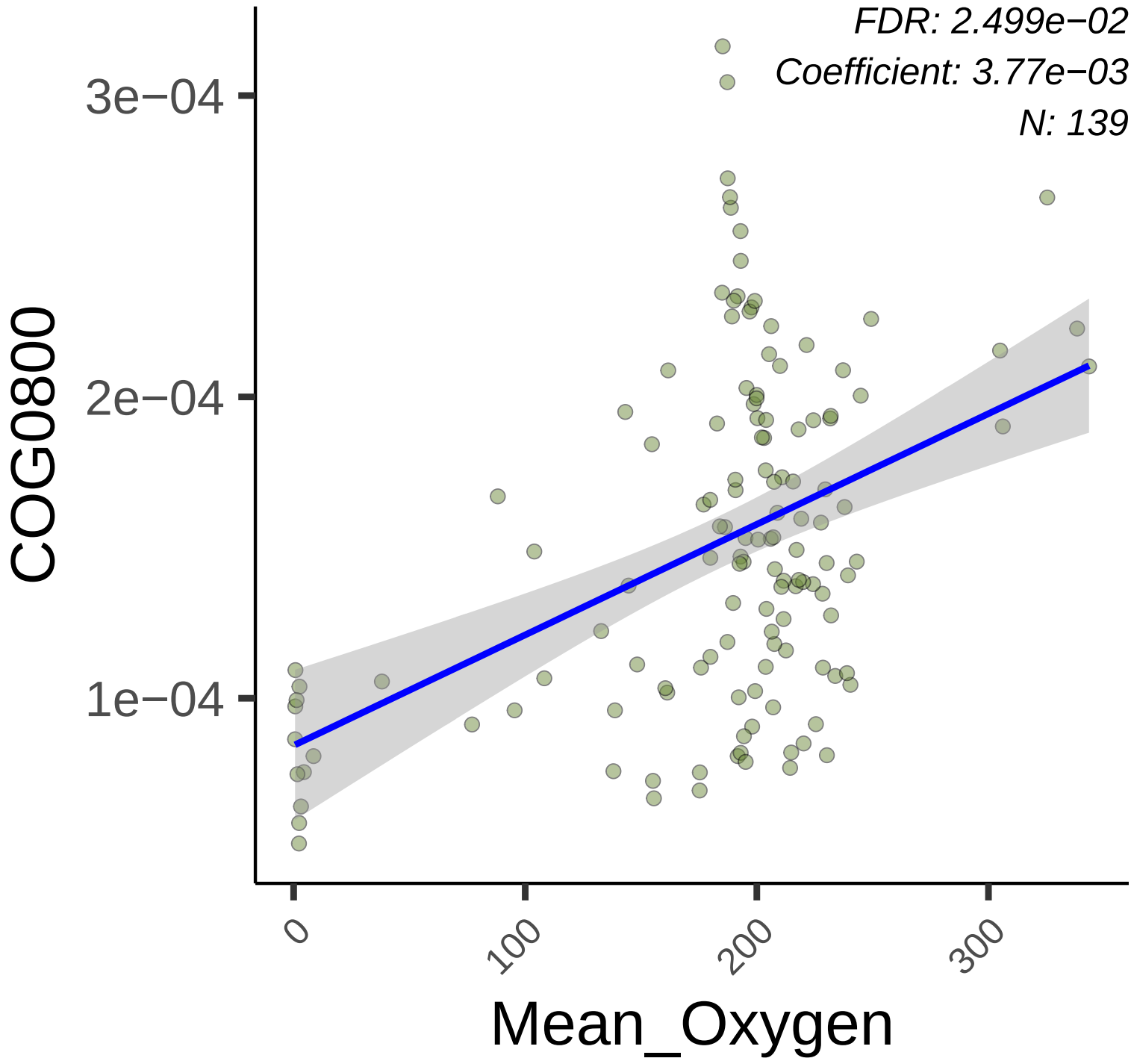
300
Mean_Oxygen


FDR: 2.499e−02
Coefficient: 3.77e−03
N: 139
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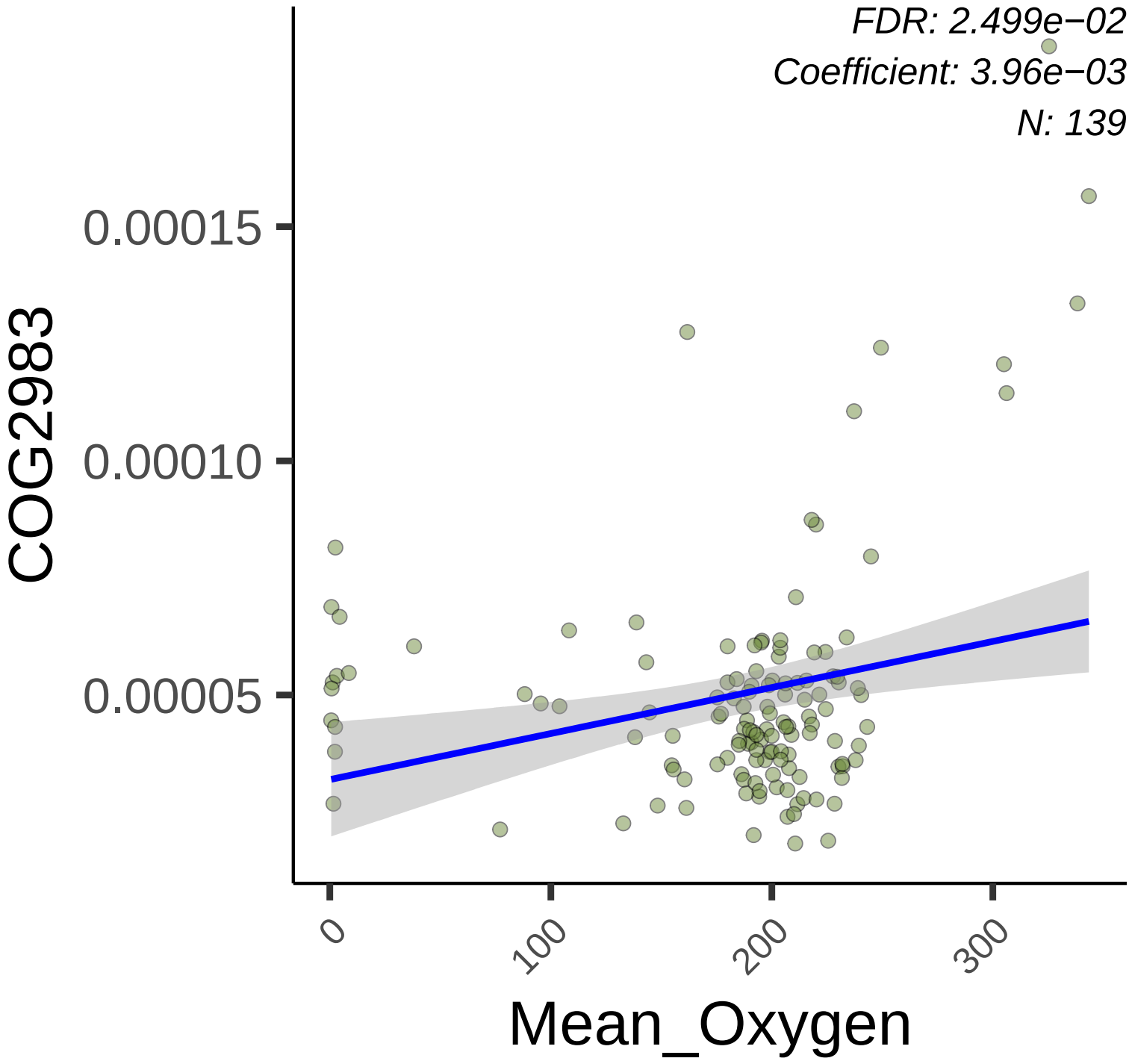
200
300
Mean_Oxygen


FDR: 2.499e−02
Coefficient: 3.96e−03
N: 139
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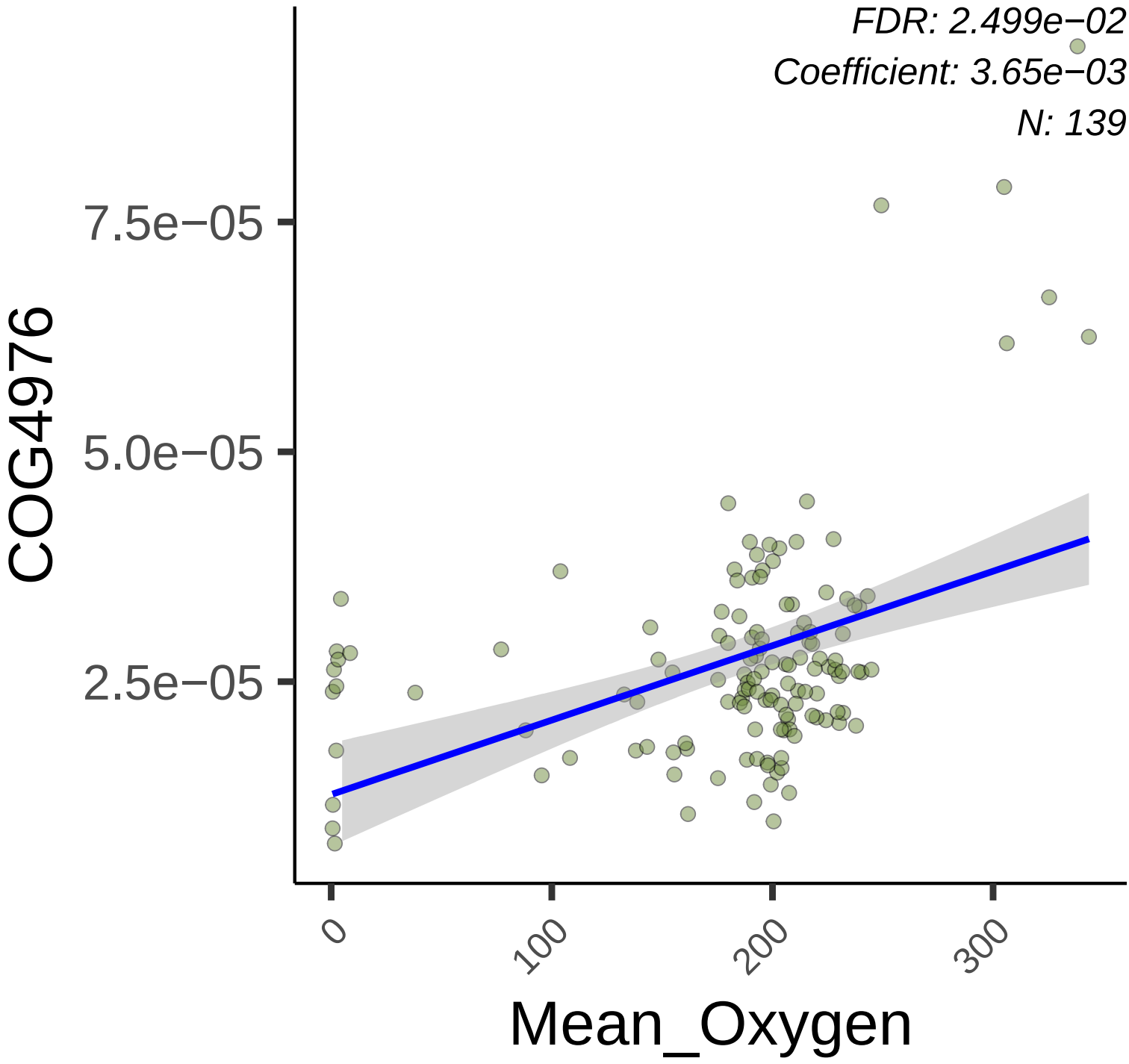
200
300
Mean_Oxygen


FDR: 2.499e−02
Coefficient: 3.65e−03
N: 139
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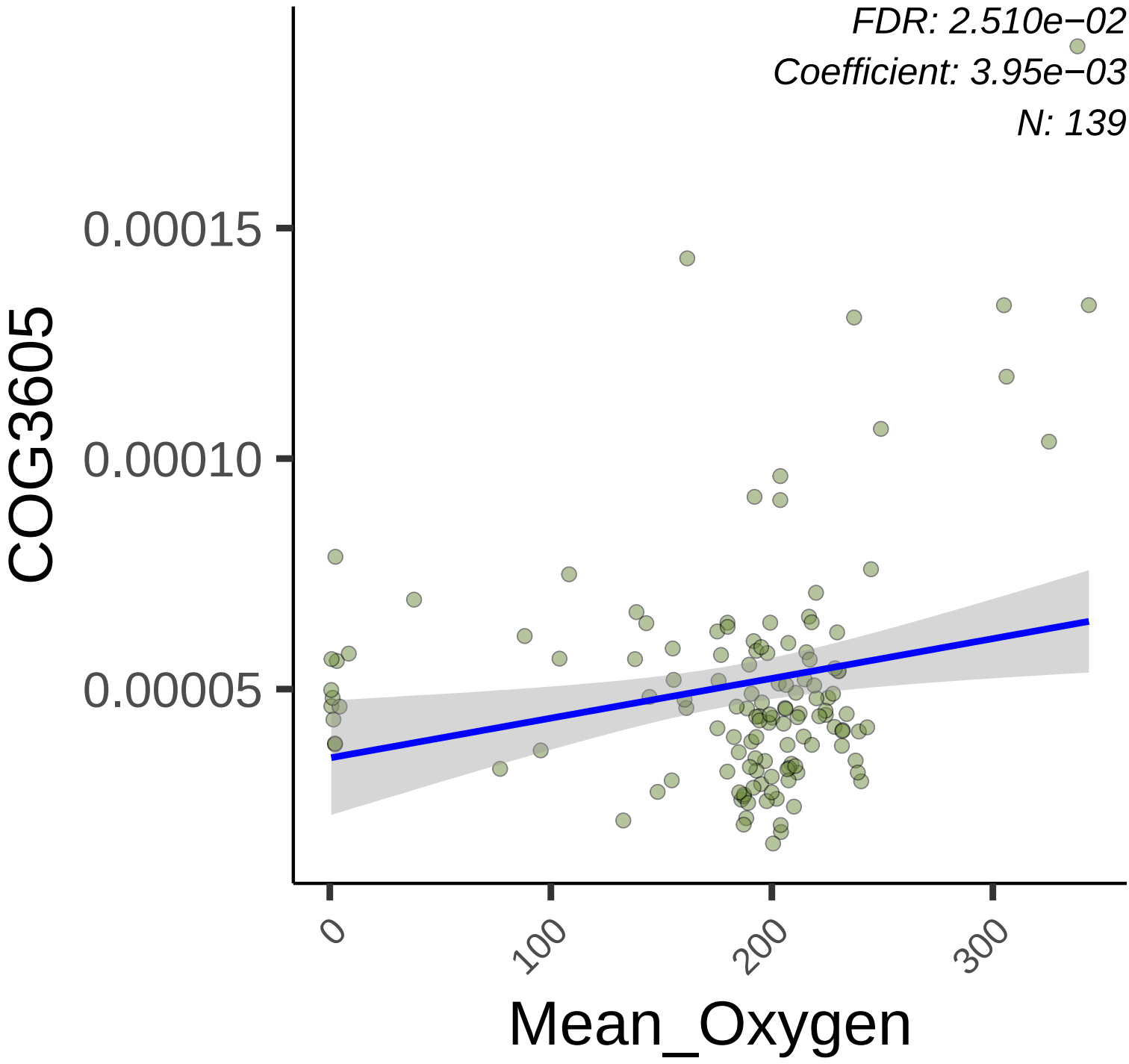
200
300
Mean_Oxygen


FDR: 2.510e−02
Coefficient: 3.95e−03
N: 139
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COG3605
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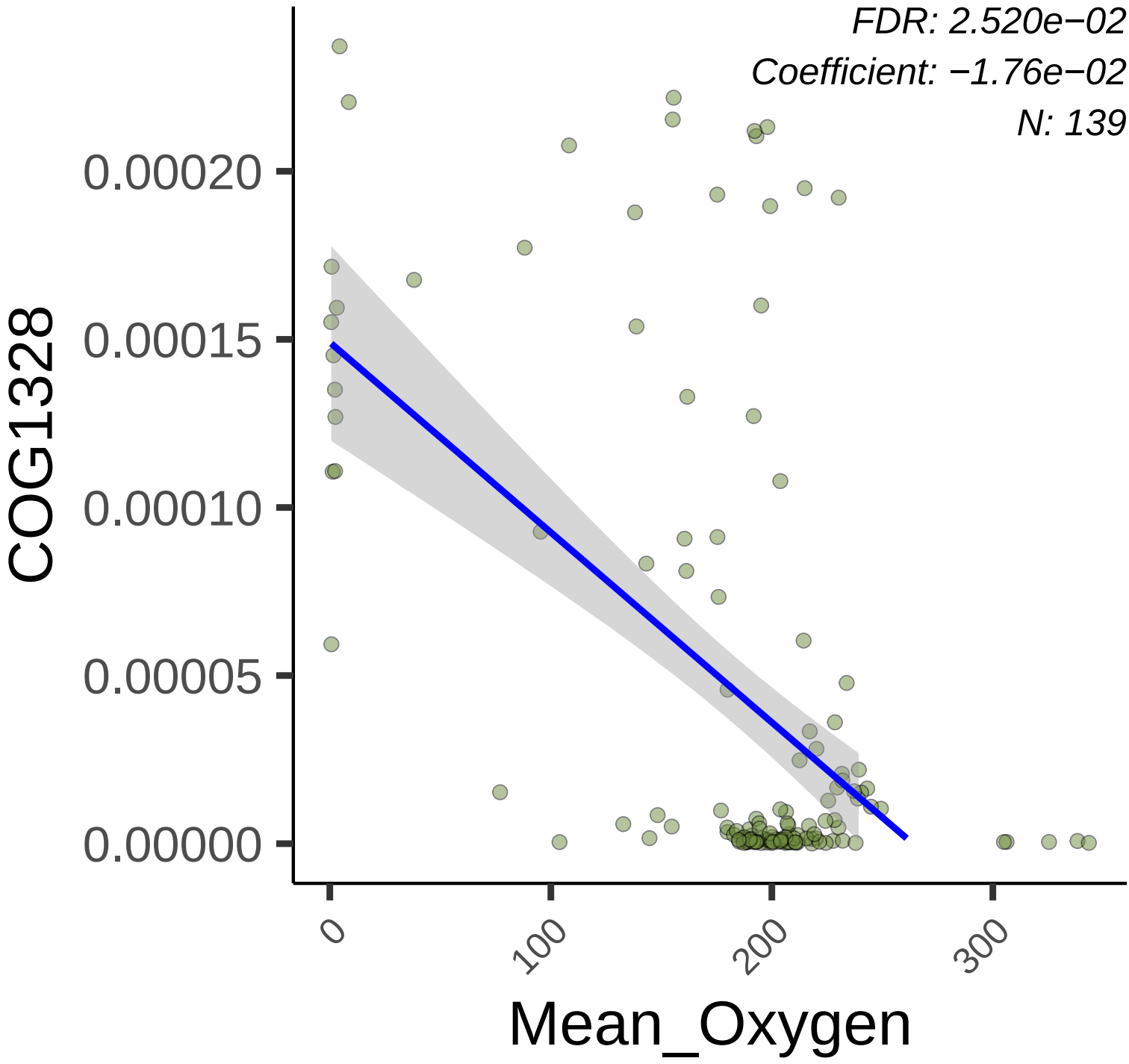
100
200
300
Mean_Oxygen


FDR: 2.520e−02
Coefficient: −1.76e−02
N: 139
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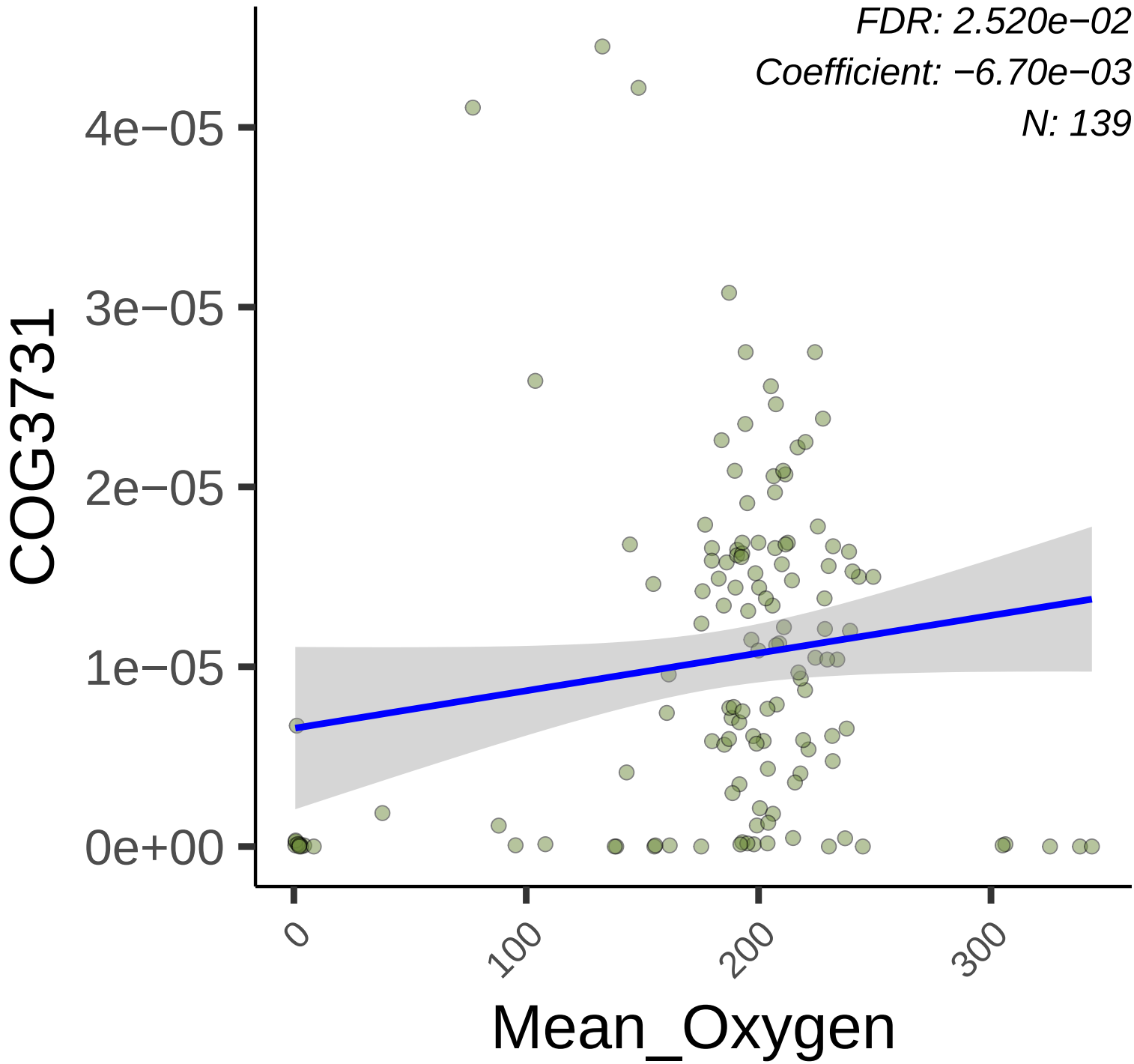
Mean_Oxygen


FDR: 2.520e−02
Coefficient: −6.70e−03
N: 139
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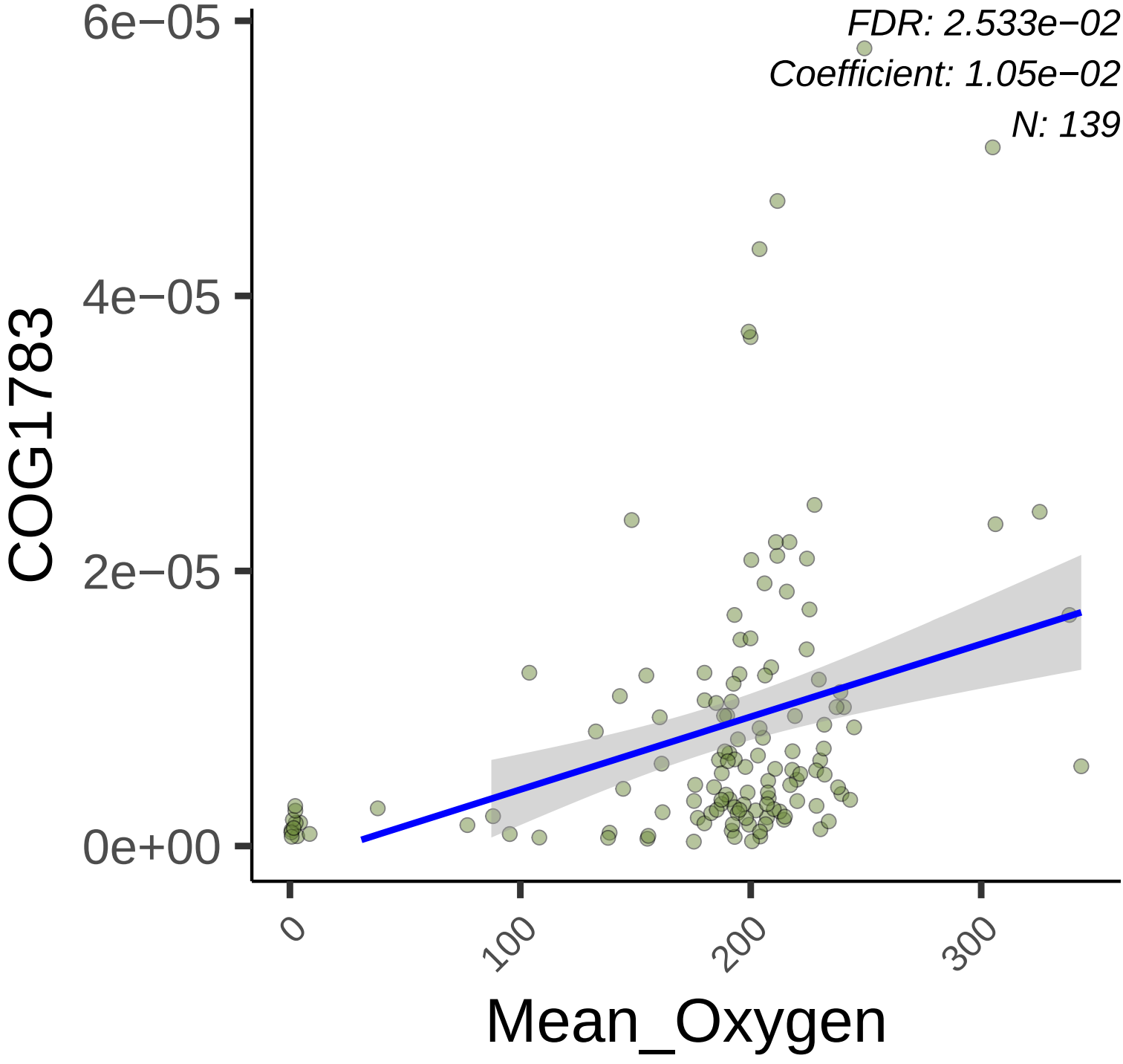
300
Mean_Oxygen


FDR: 2.533e−02
Coefficient: 1.05e−02
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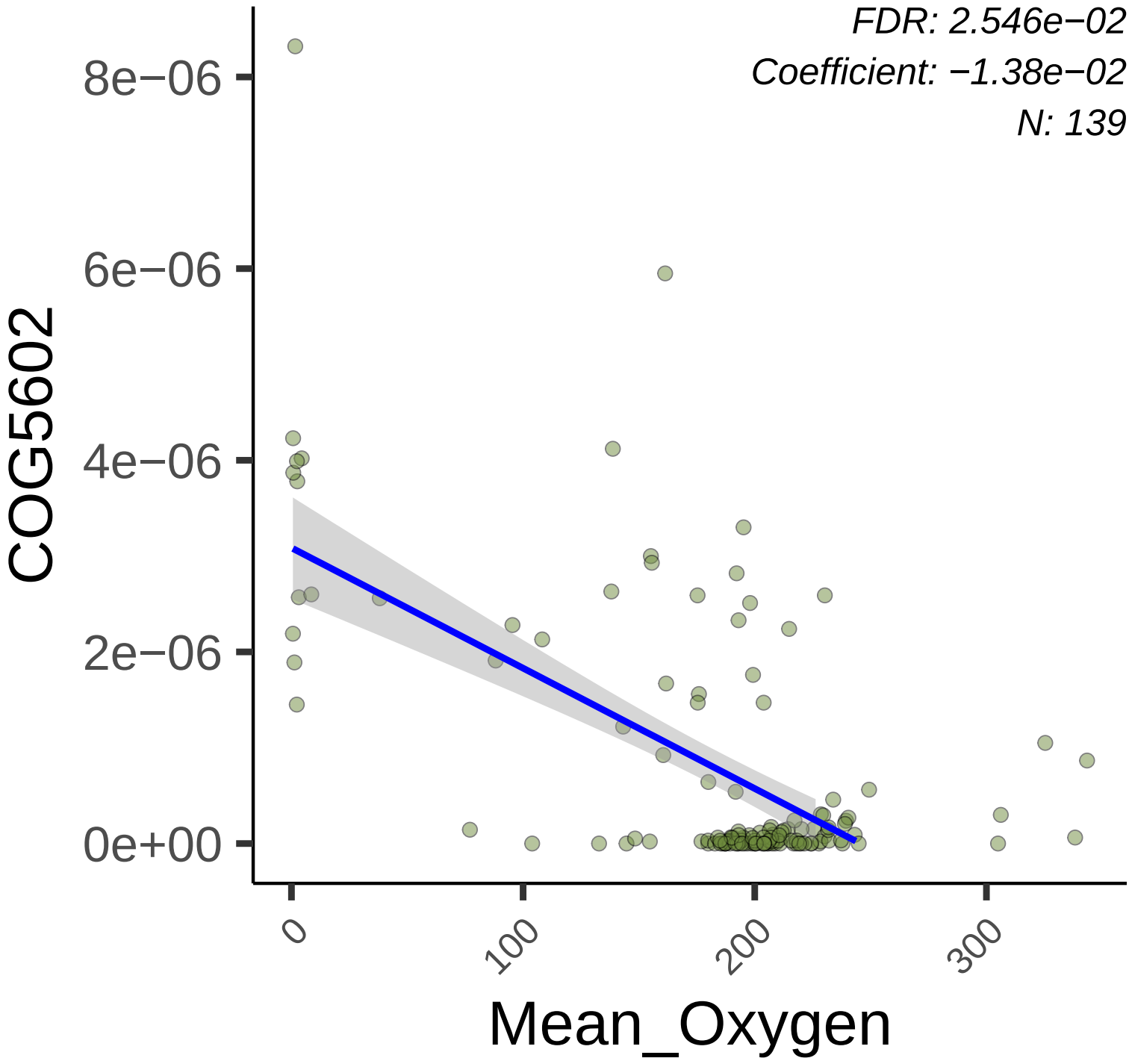
300
Mean_Oxygen


FDR: 2.546e−02
Coefficient: −1.38e−02
N: 139
COG5602
8e−06
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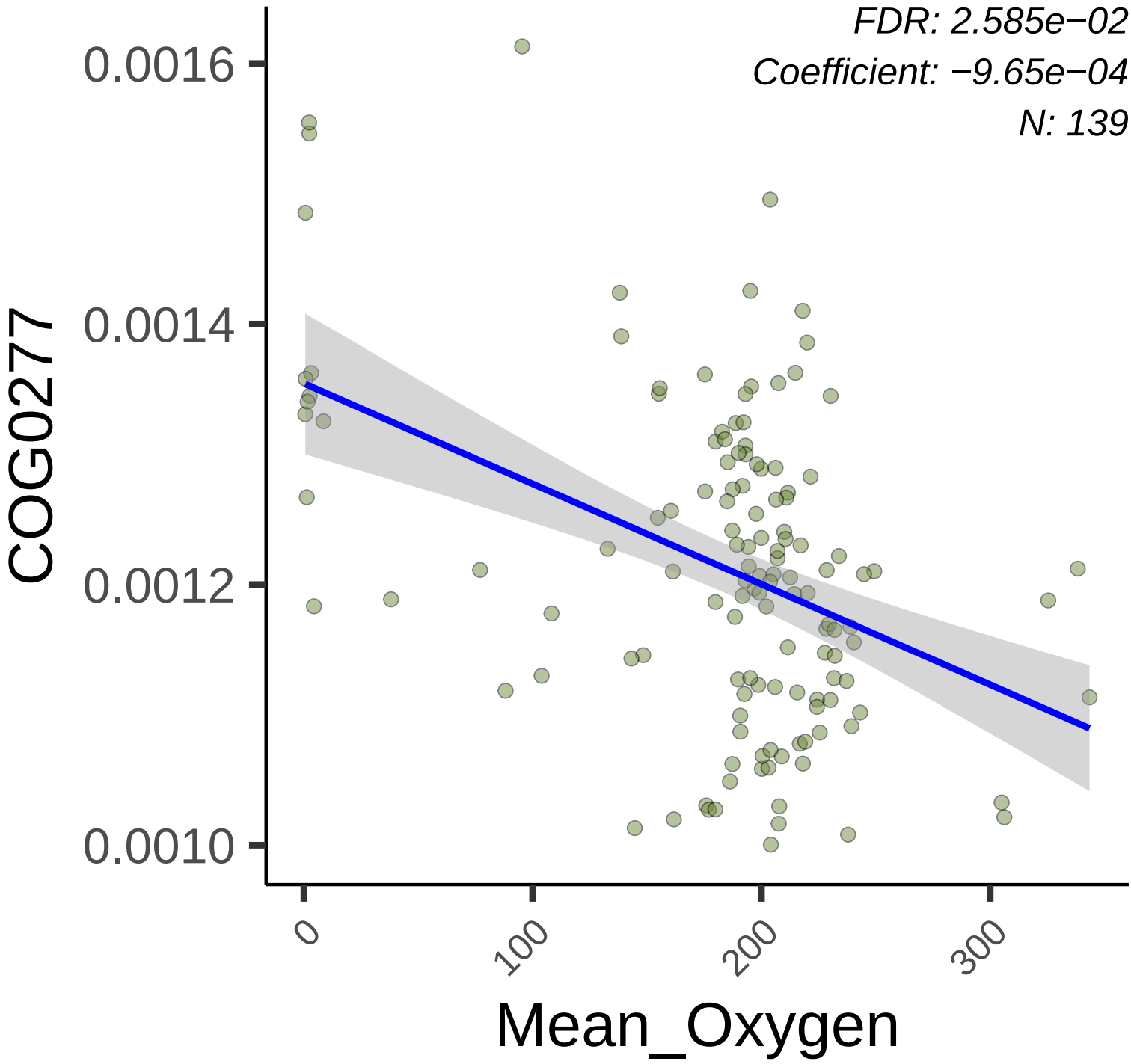
Mean_Oxygen


FDR: 2.585e−02
Coefficient: −9.65e−04
N: 139
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0.0012
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COG0277
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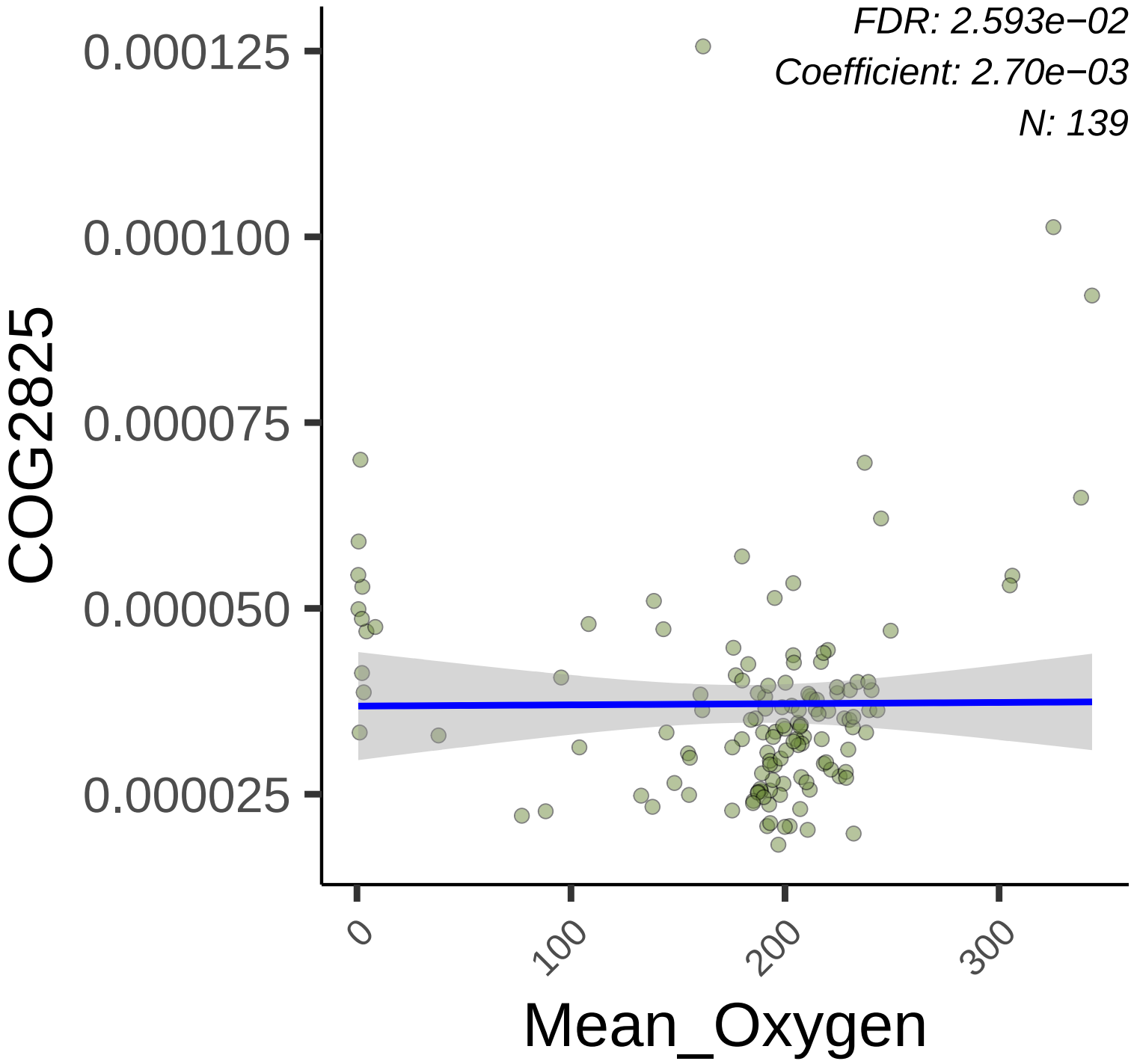
Mean_Oxygen


FDR: 2.593e−02
Coefficient: 2.70e−03
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COG2825
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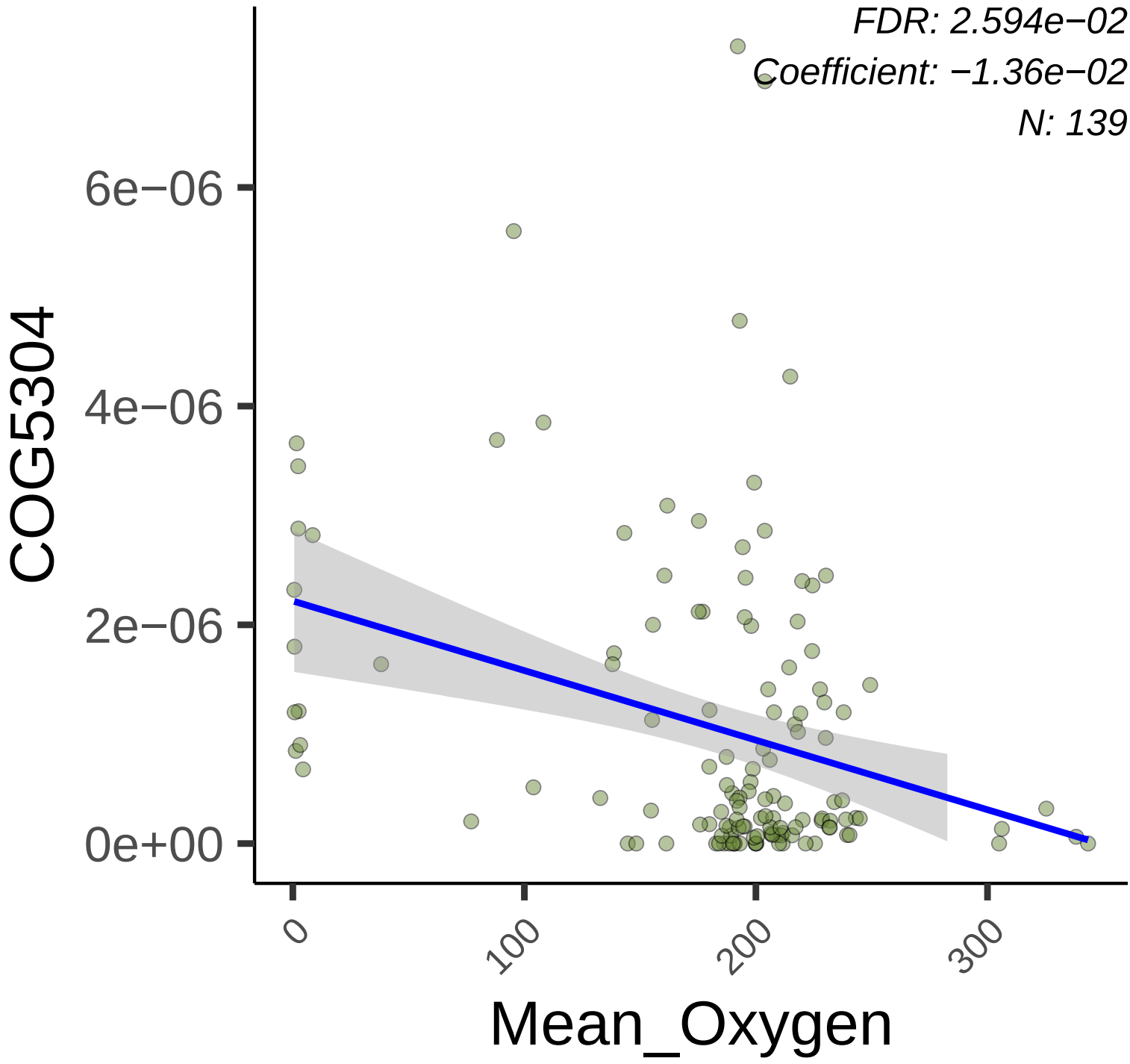
200
300
Mean_Oxygen


FDR: 2.594e−02
Coefficient: −1.36e−02
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COG5304
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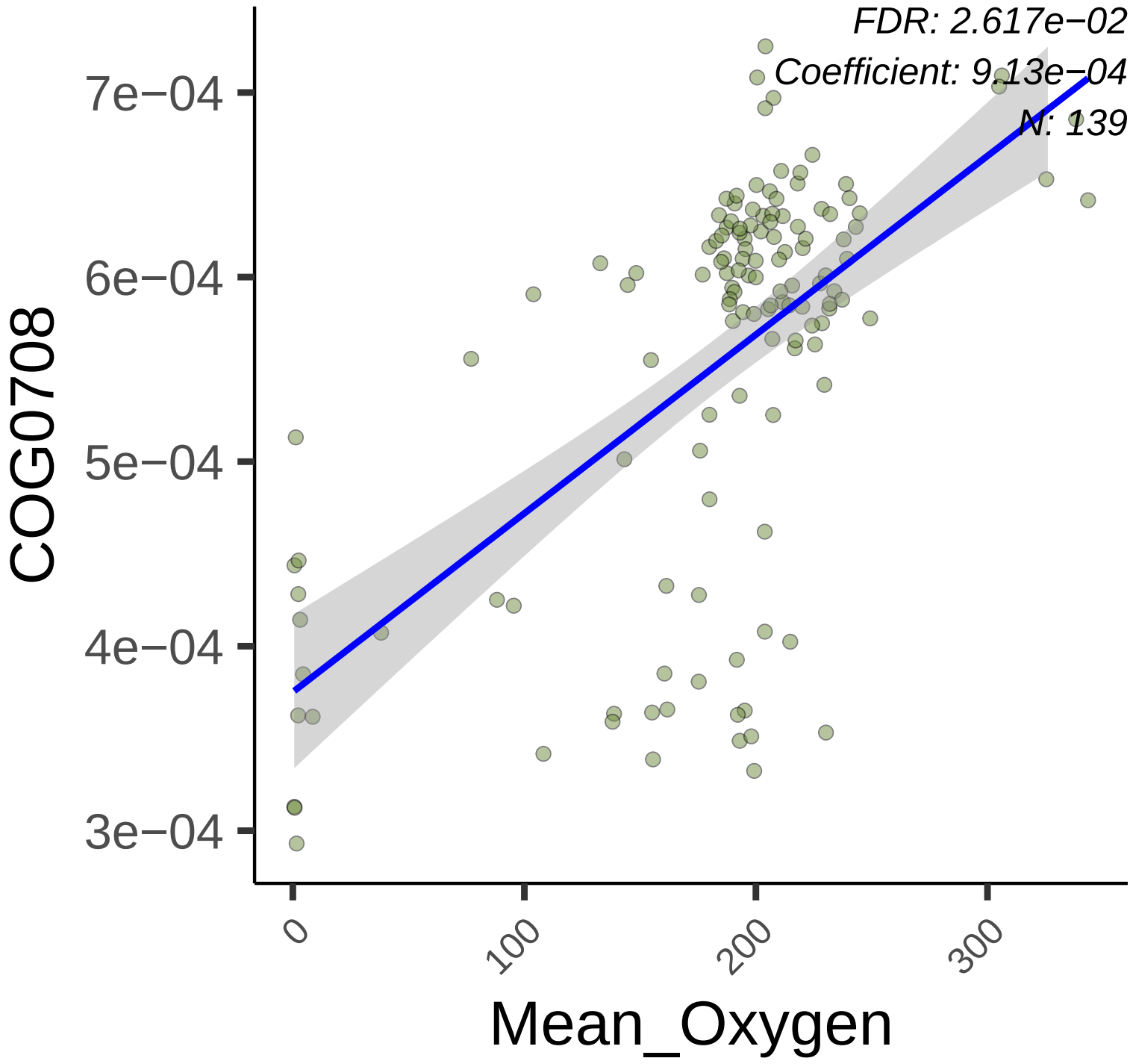
200
300
Mean_Oxygen


FDR: 2.617e−02
Coefficient: 9.13e−04
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4e−04
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COG0708
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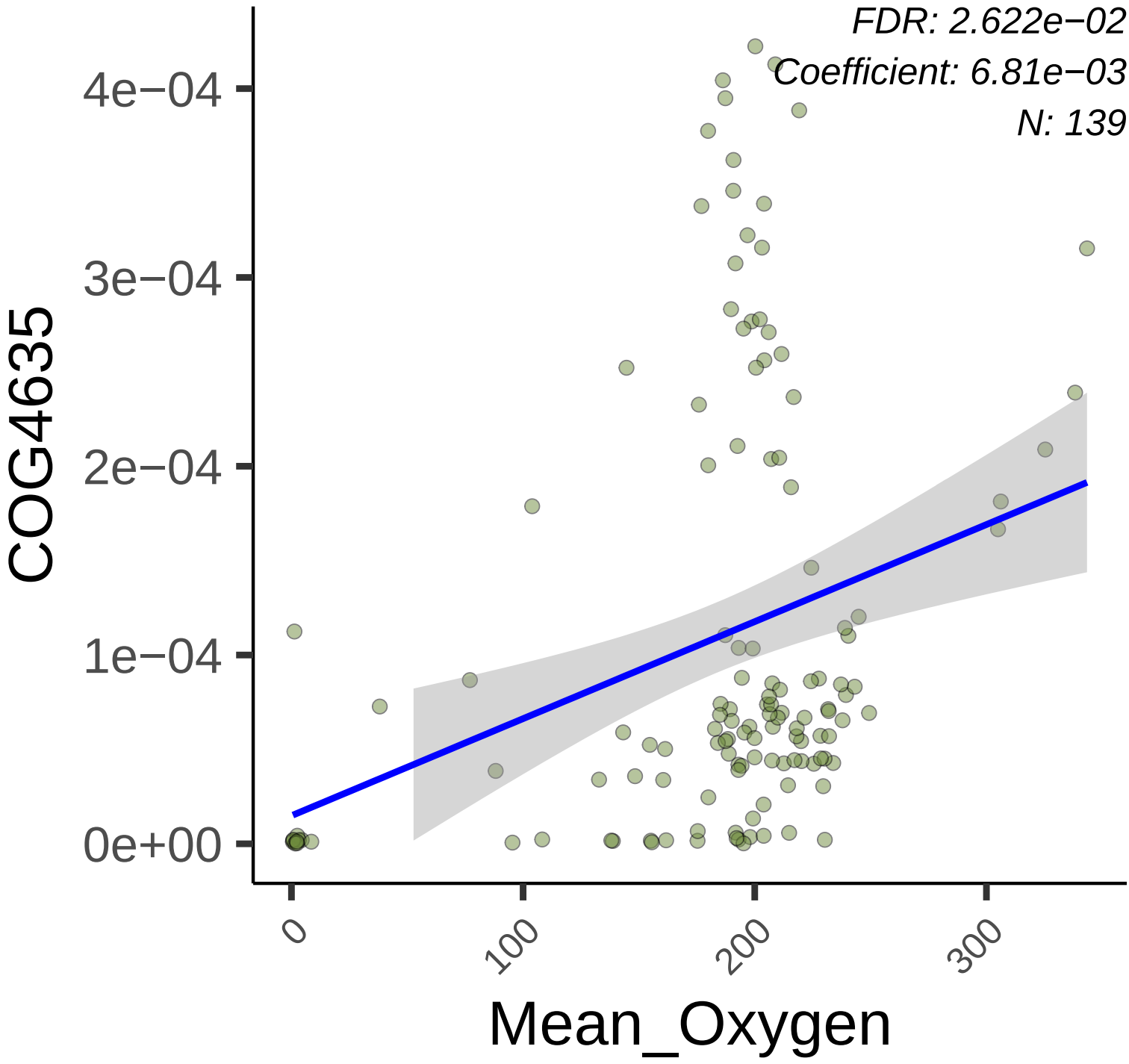
300
Mean_Oxygen


FDR: 2.622e−02
Coefficient: 6.81e−03
N: 139
COG4635
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2e−04
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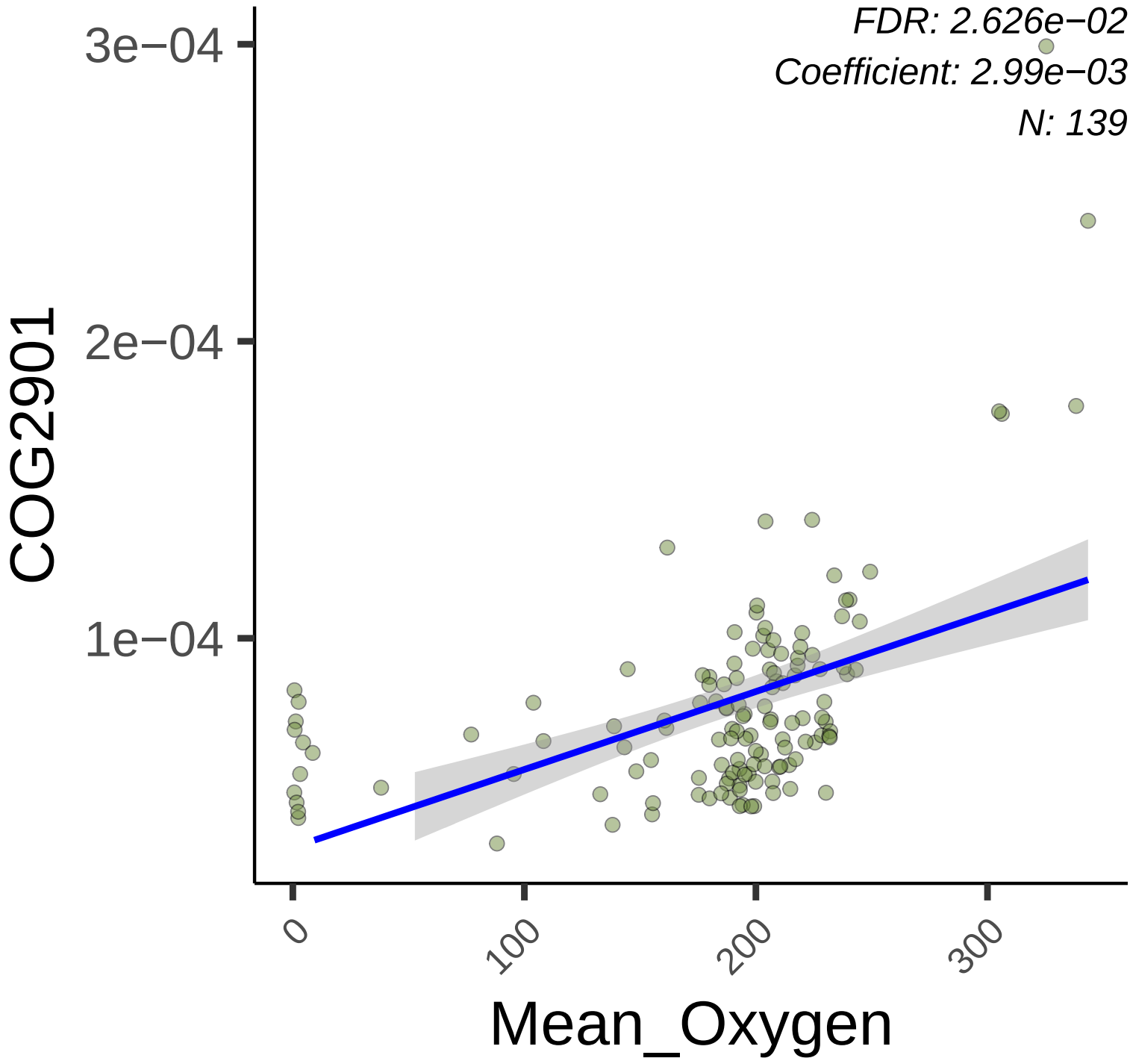
300
Mean_Oxygen


FDR: 2.626e−02
Coefficient: 2.99e−03
N: 139
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2e−04
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COG2901
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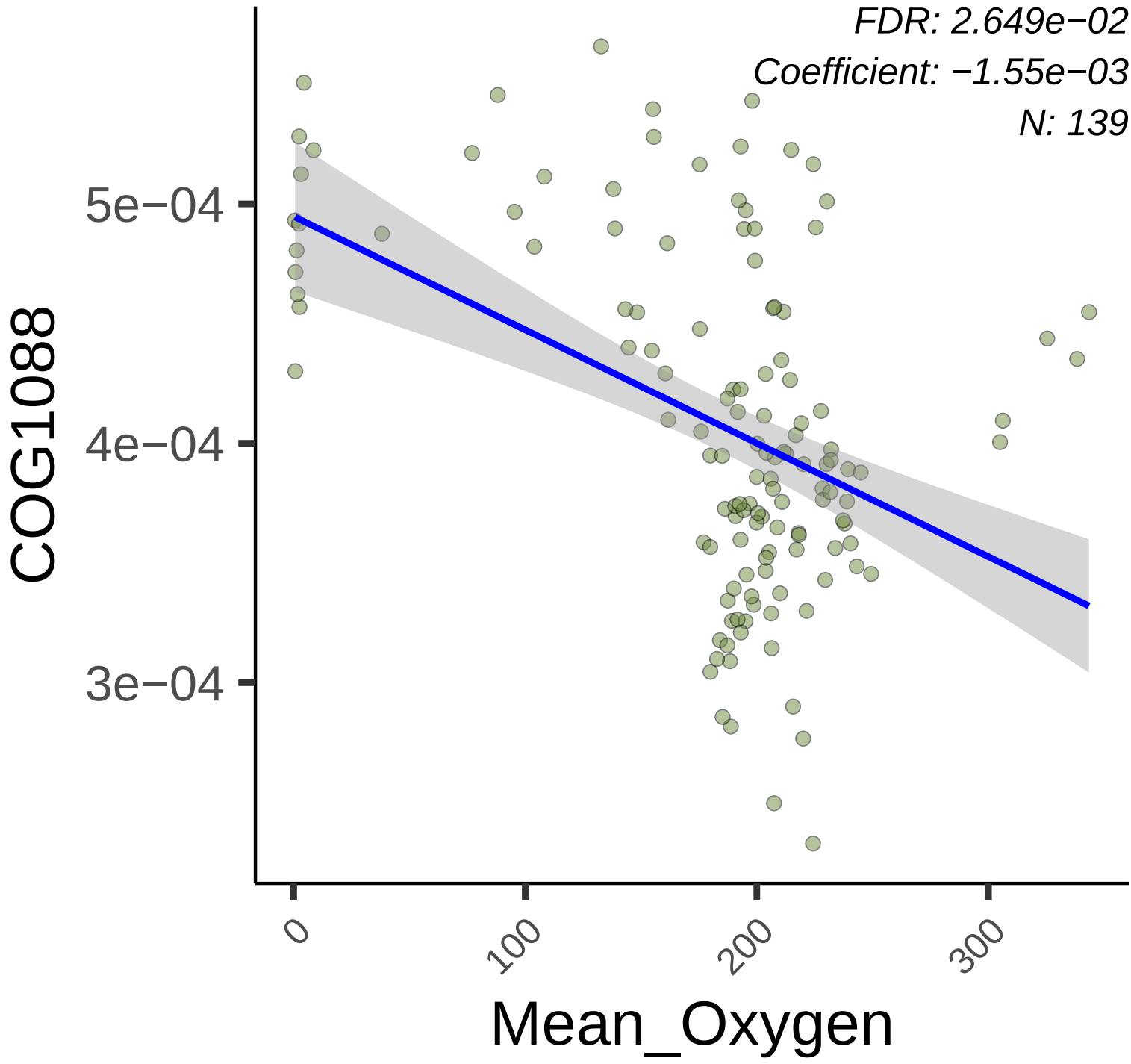
200
300
Mean_Oxygen


FDR: 2.649e−02
Coefficient: −1.55e−03
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3e−04
COG1088
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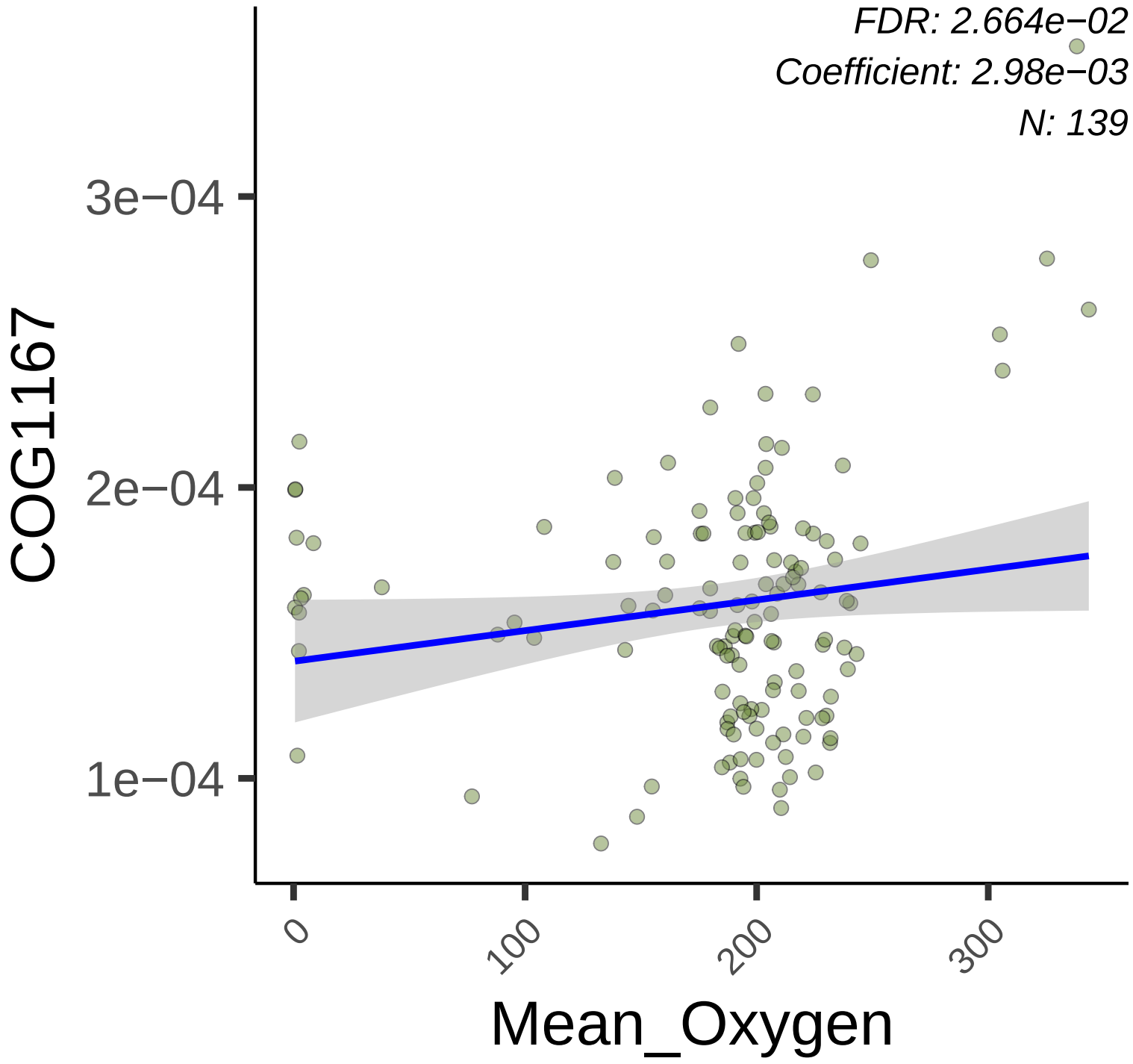
200
300
Mean_Oxygen


FDR: 2.664e−02
Coefficient: 2.98e−03
N: 139
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1e−04
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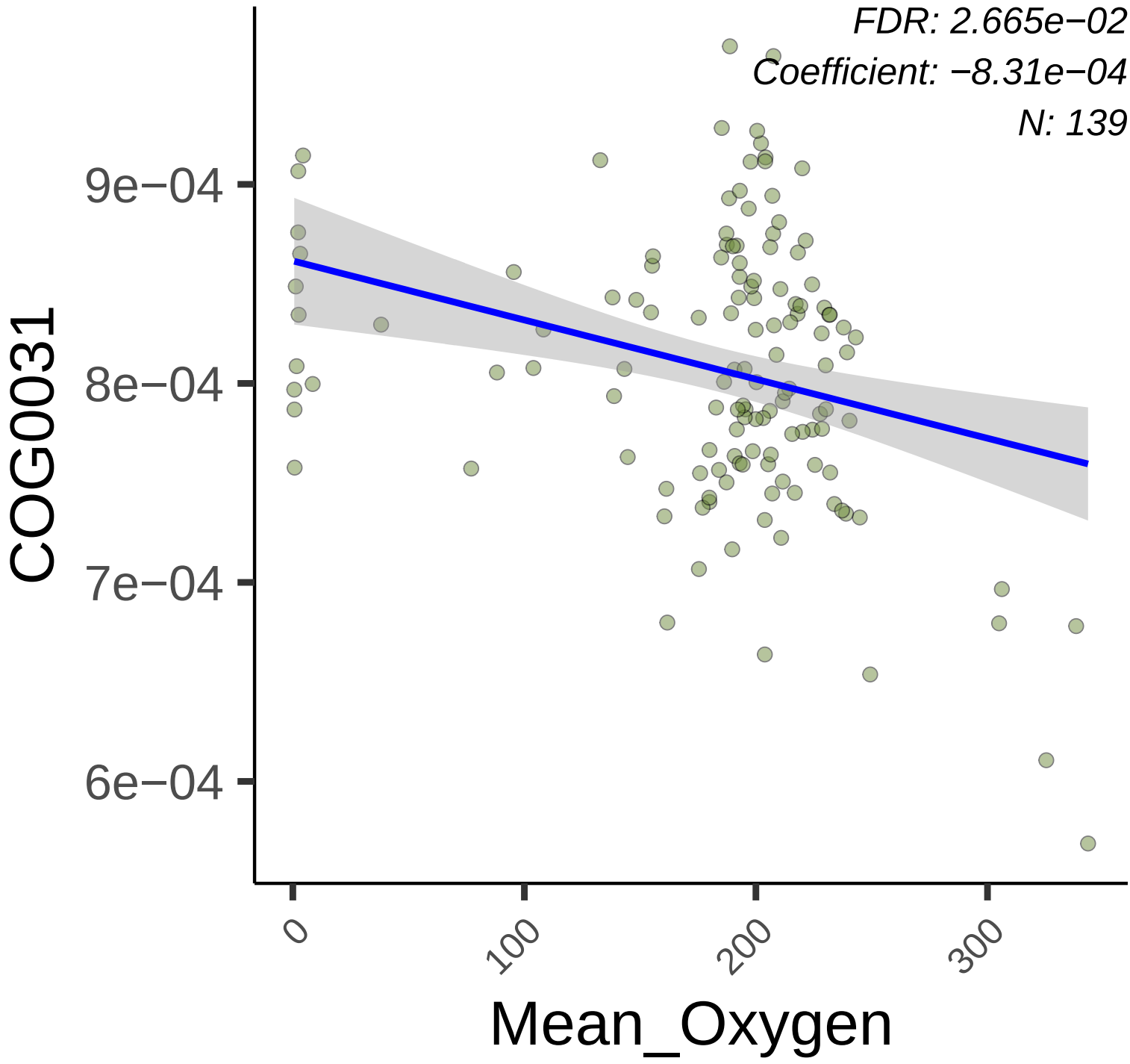
200
300
Mean_Oxygen


FDR: 2.665e−02
Coefficient: −8.31e−04
N: 139
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8e−04
7e−04
6e−04
COG0031
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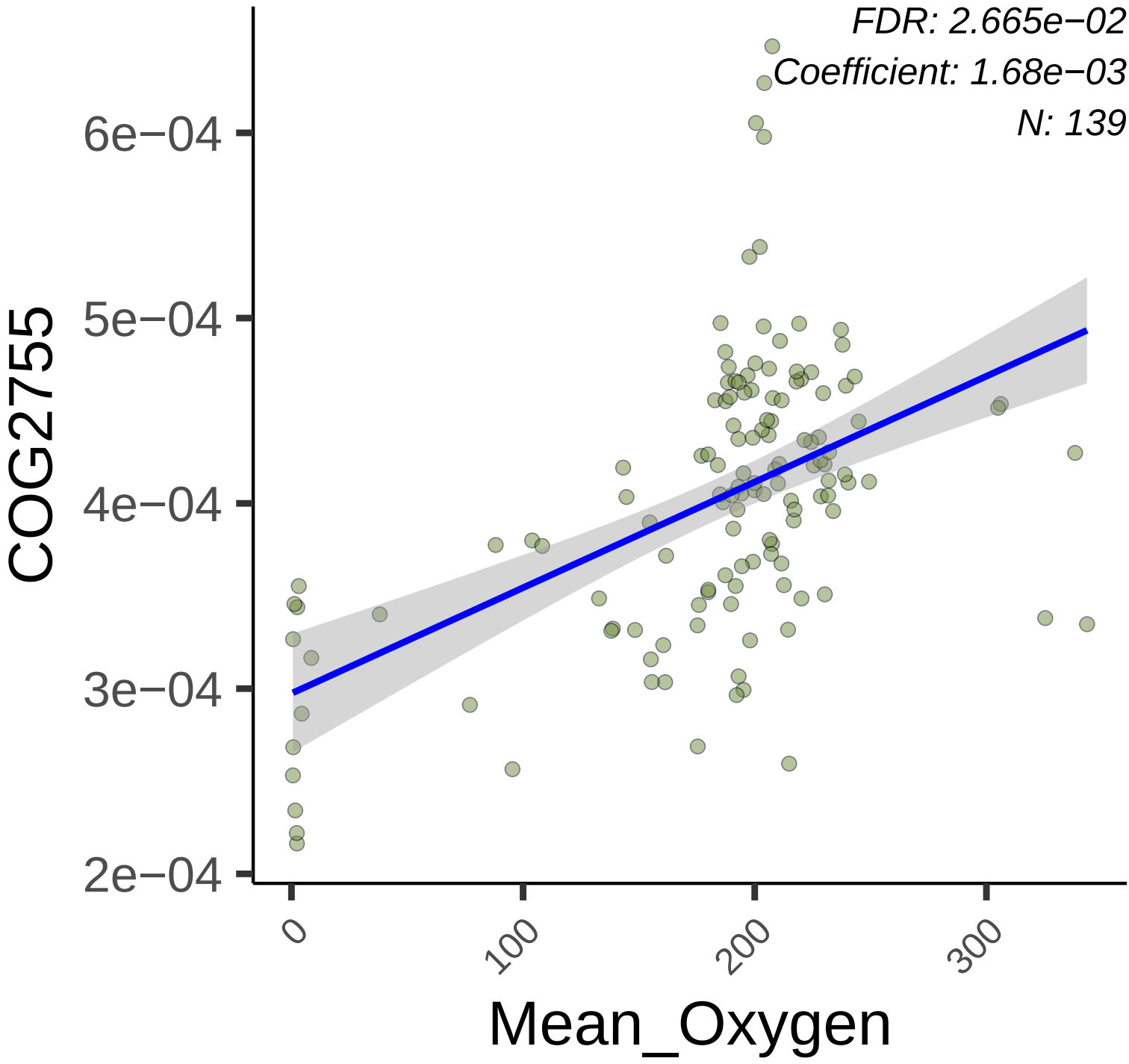
200
300
Mean_Oxygen


FDR: 2.665e−02
Coefficient: 1.68e−03
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2e−04
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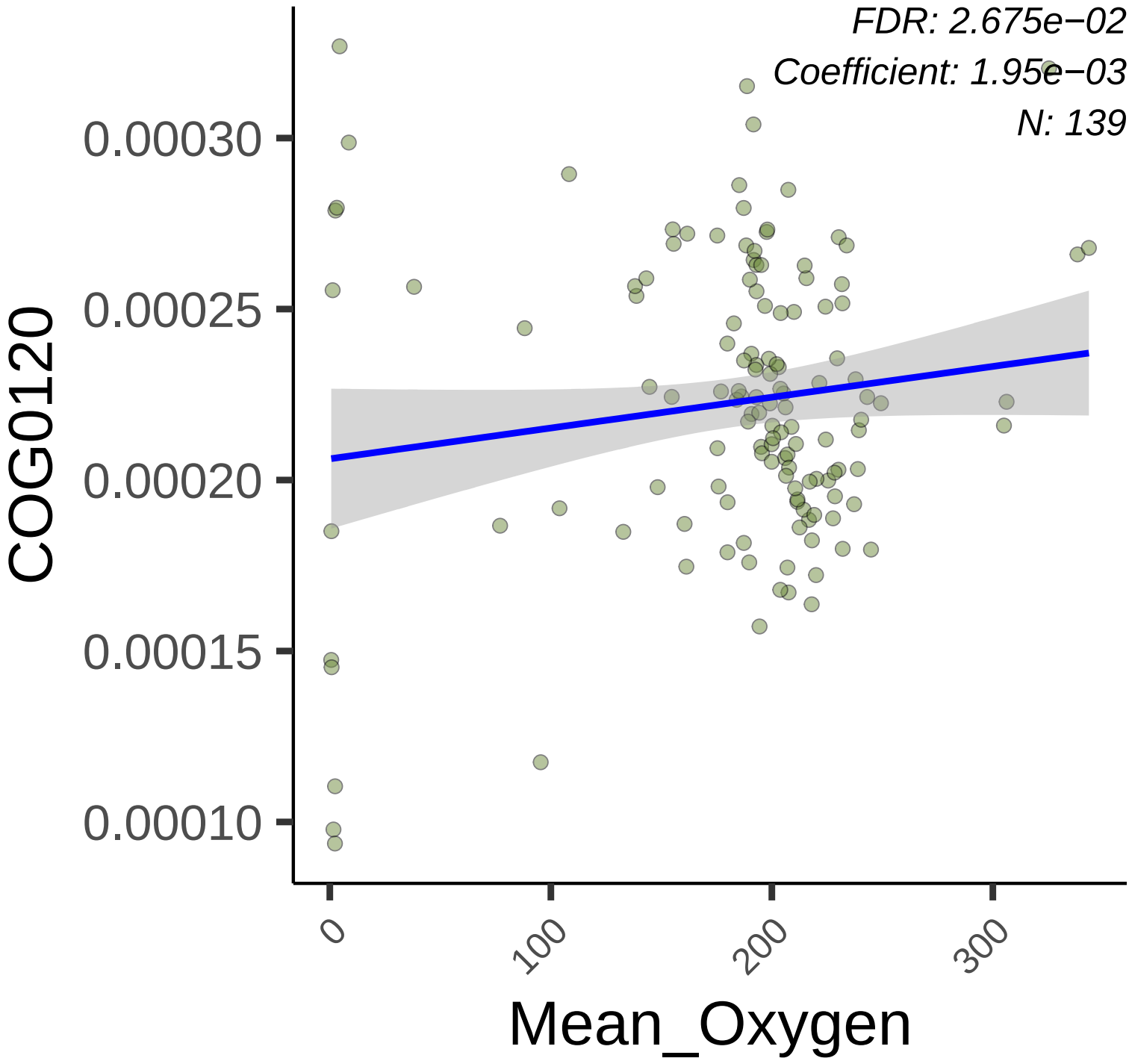
200
300
Mean_Oxygen


FDR: 2.675e−02
Coefficient: 1.95e−03
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COG0120
0
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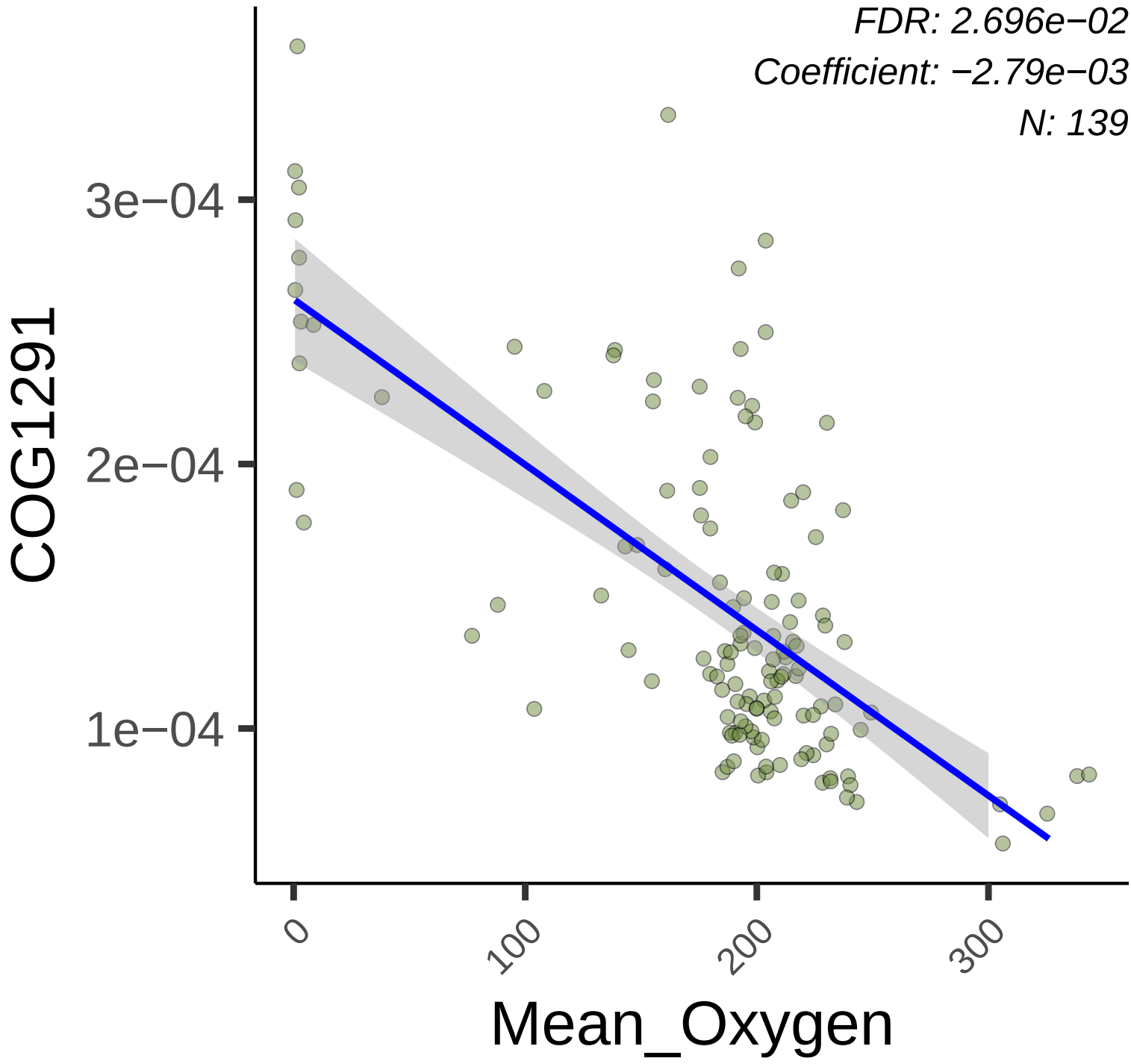
200
300
Mean_Oxygen


FDR: 2.696e−02
Coefficient: −2.79e−03
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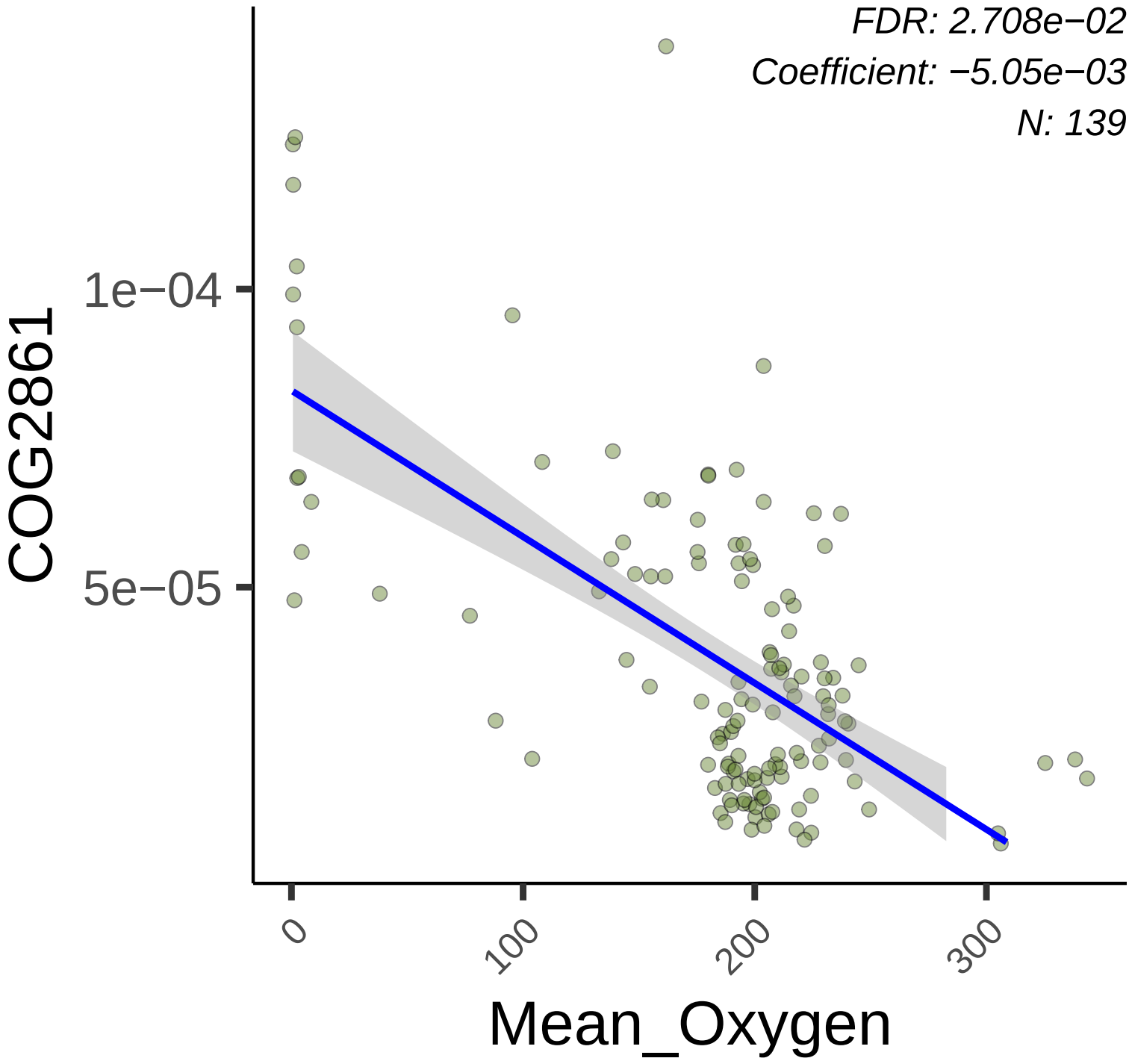
200
300
Mean_Oxygen


FDR: 2.708e−02
Coefficient: −5.05e−03
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200
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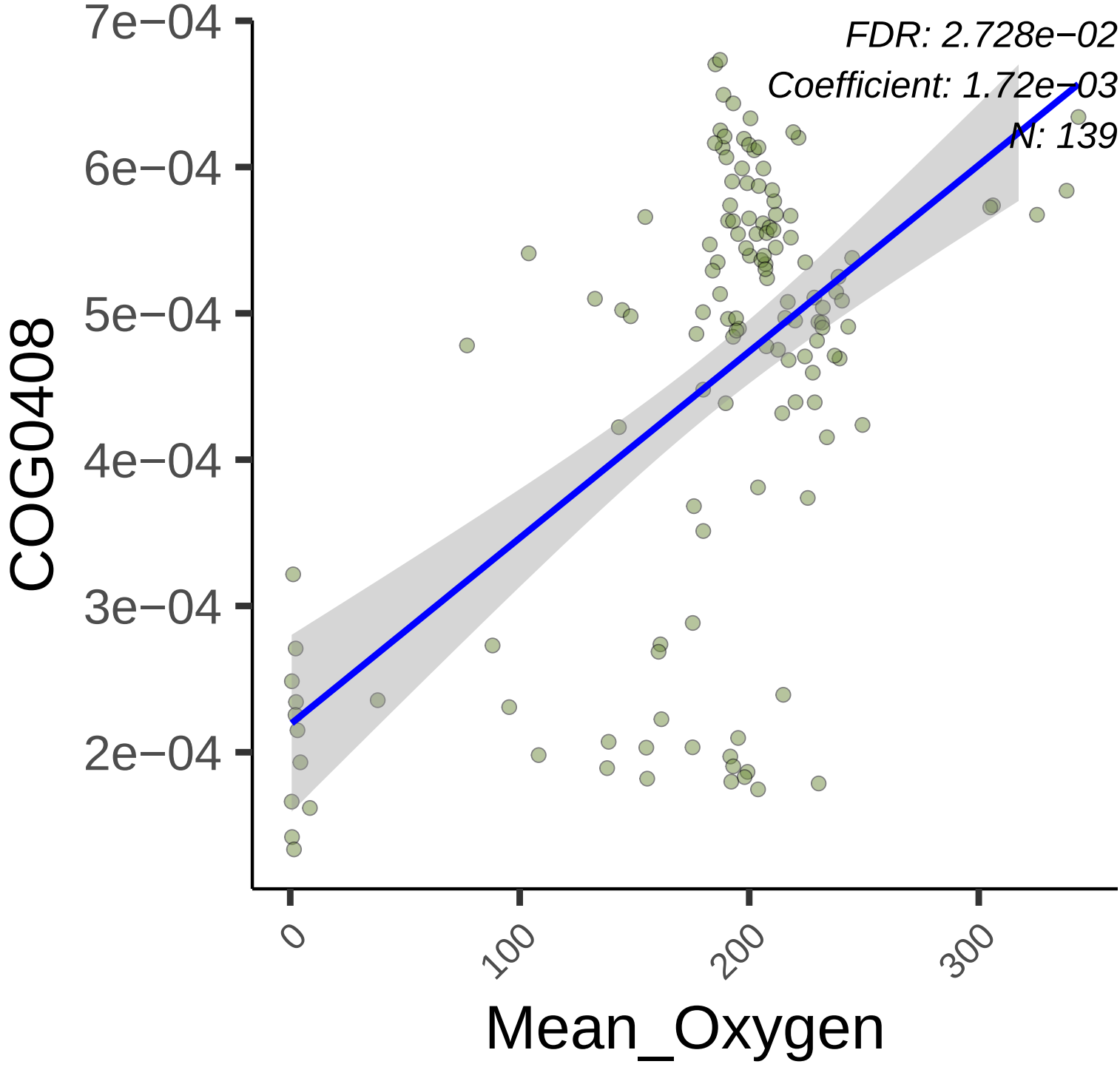
Mean_Oxygen


FDR: 2.728e−02
Coefficient: 1.72e−03
N: 139
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4e−04
3e−04
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COG0408
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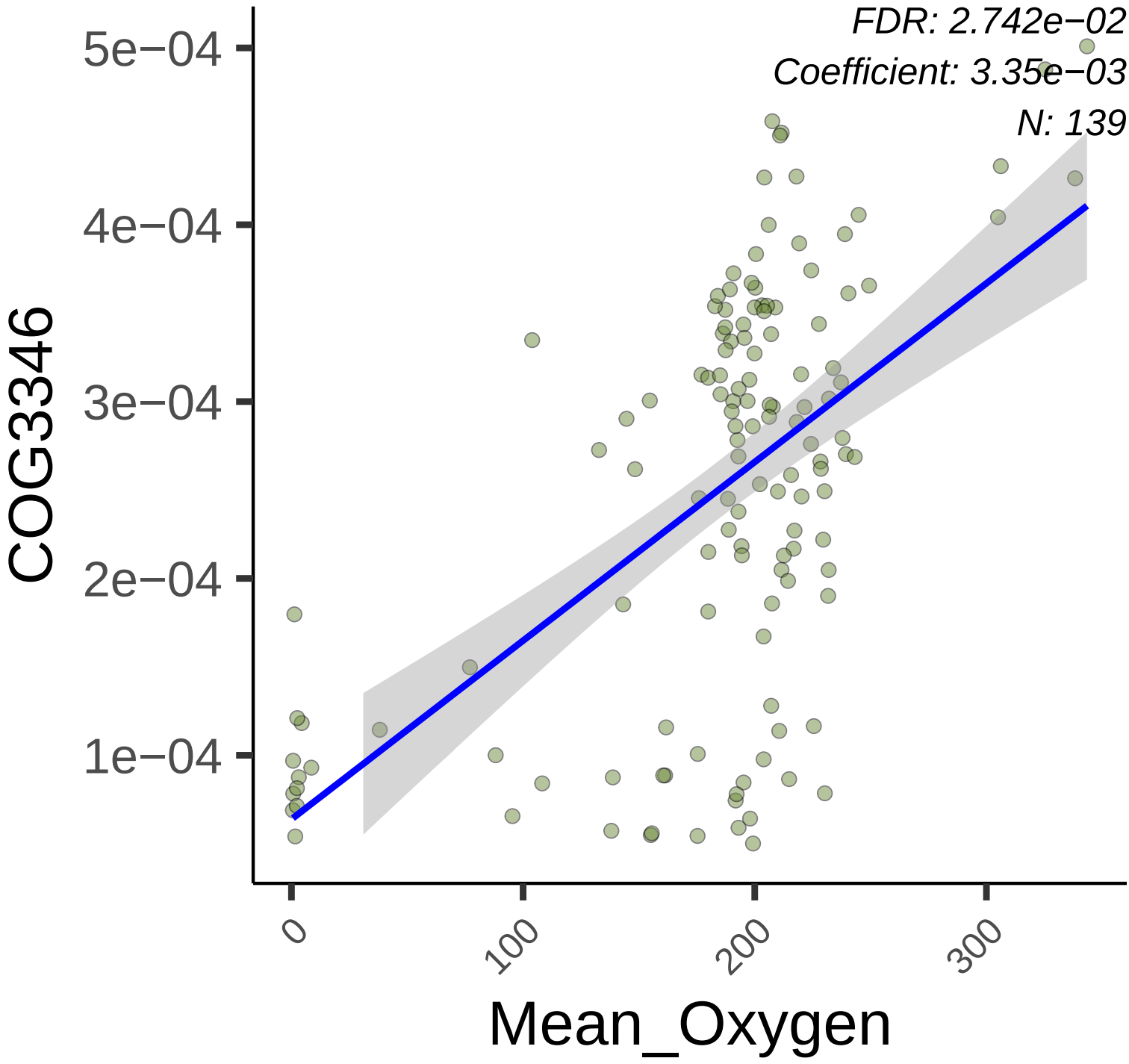
200
300
Mean_Oxygen


FDR: 2.742e−02
Coefficient: 3.35e−03
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3e−04
2e−04
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COG3346
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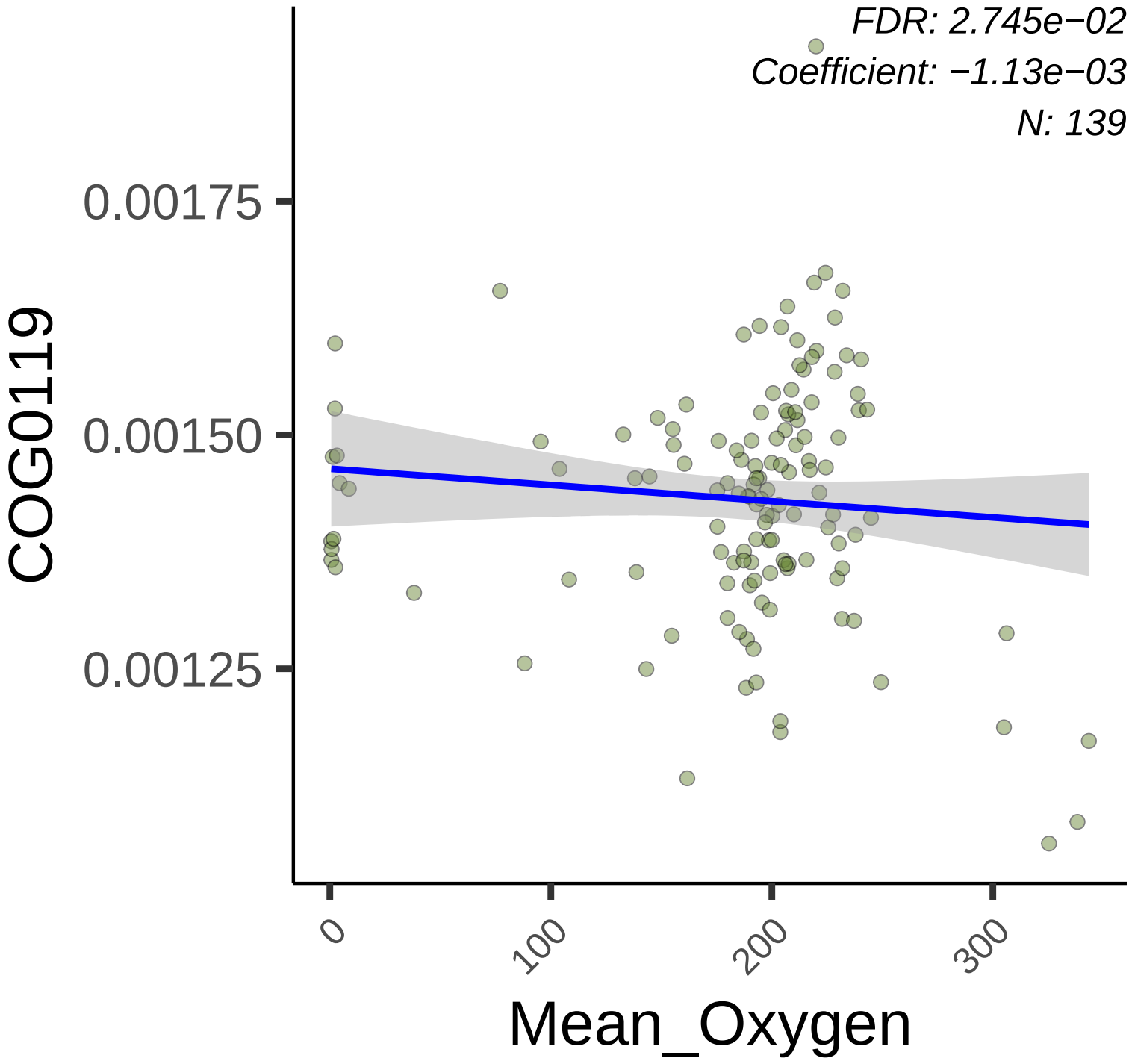
200
300
Mean_Oxygen


FDR: 2.745e−02
Coefficient: −1.13e−03
N: 139
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0.00150
0.00125
COG0119
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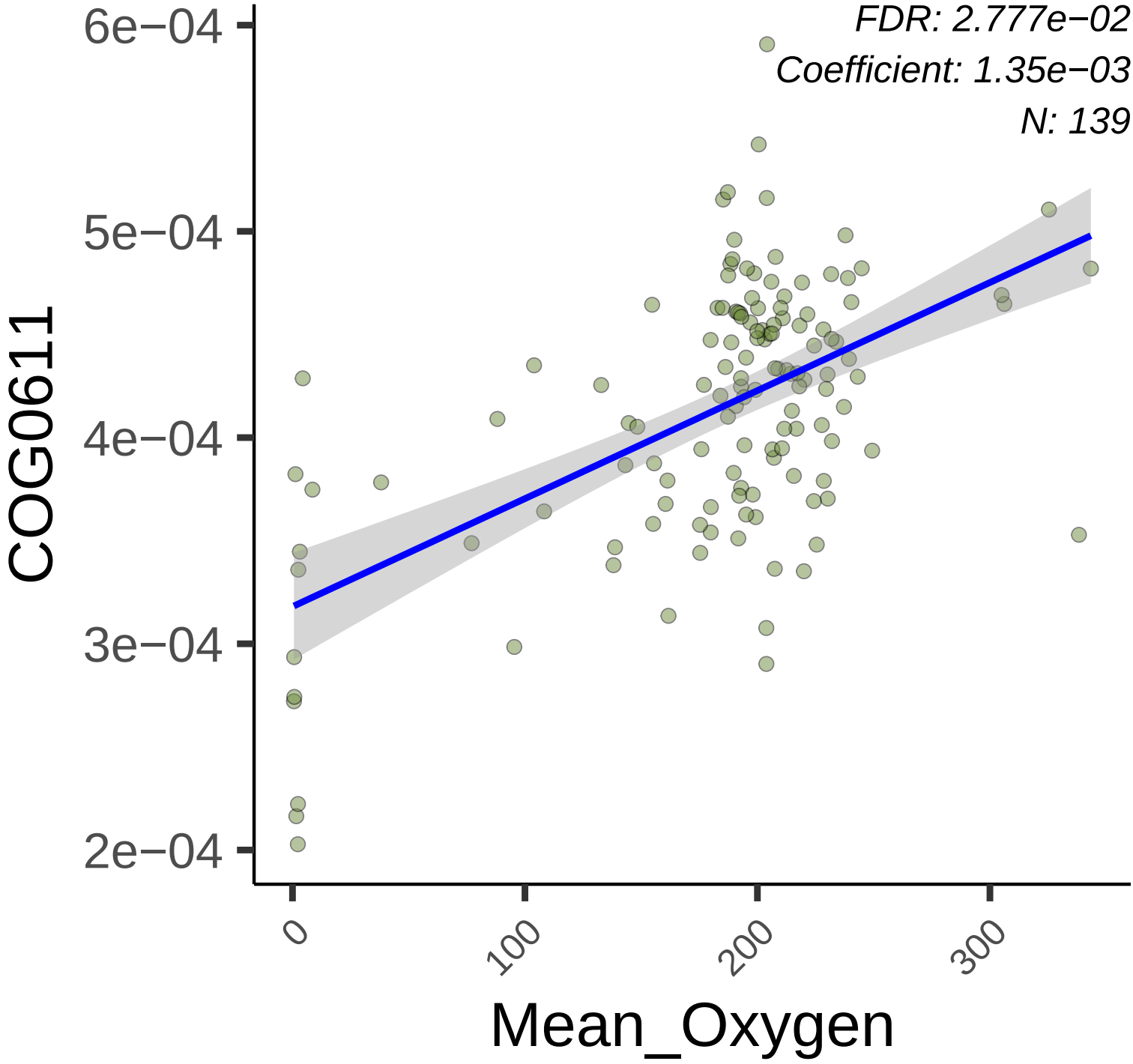
200
300
Mean_Oxygen


FDR: 2.777e−02
Coefficient: 1.35e−03
N: 139
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5e−04
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3e−04
2e−04
COG0611
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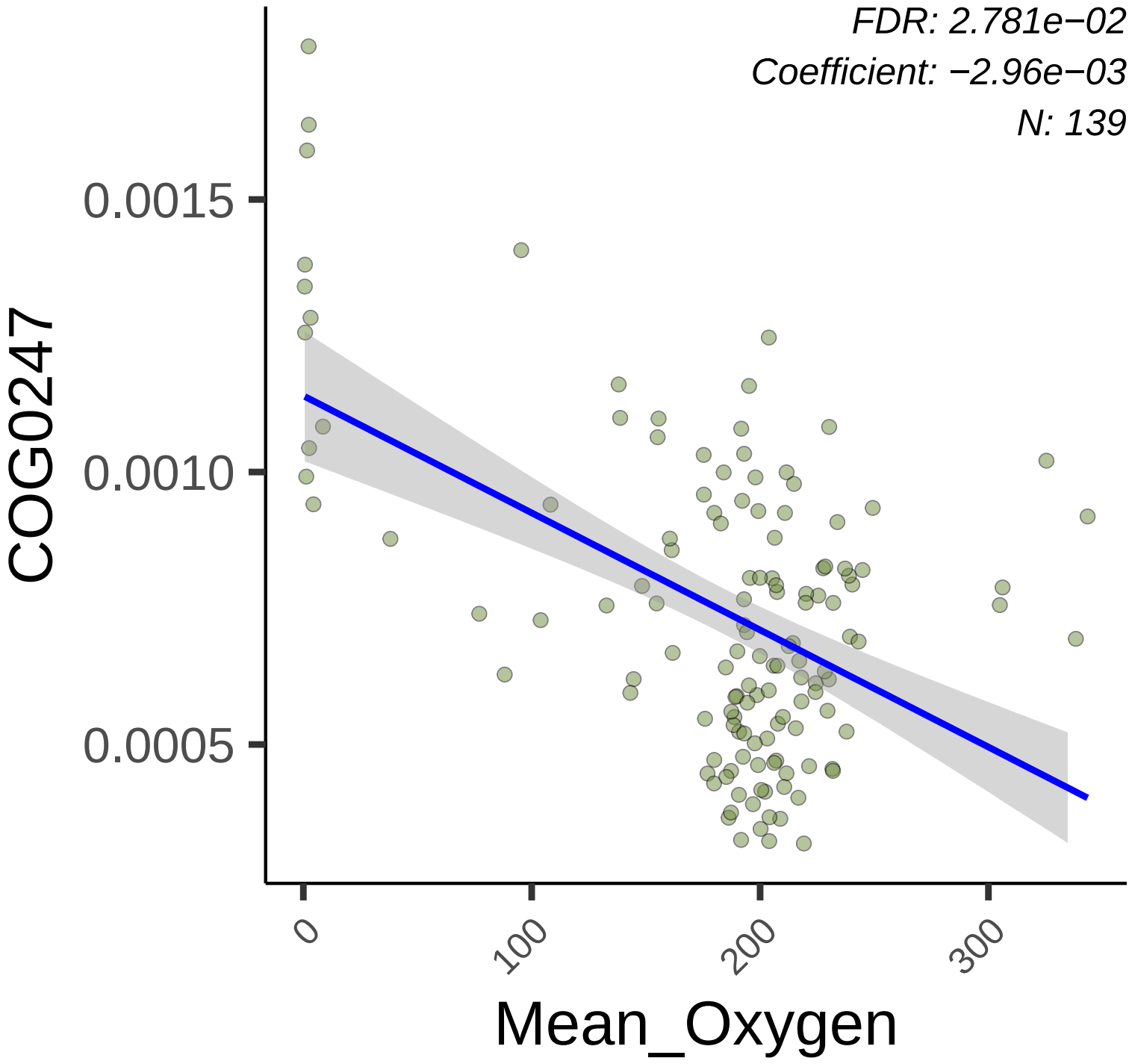
200
300
Mean_Oxygen


FDR: 2.781e−02
Coefficient: −2.96e−03
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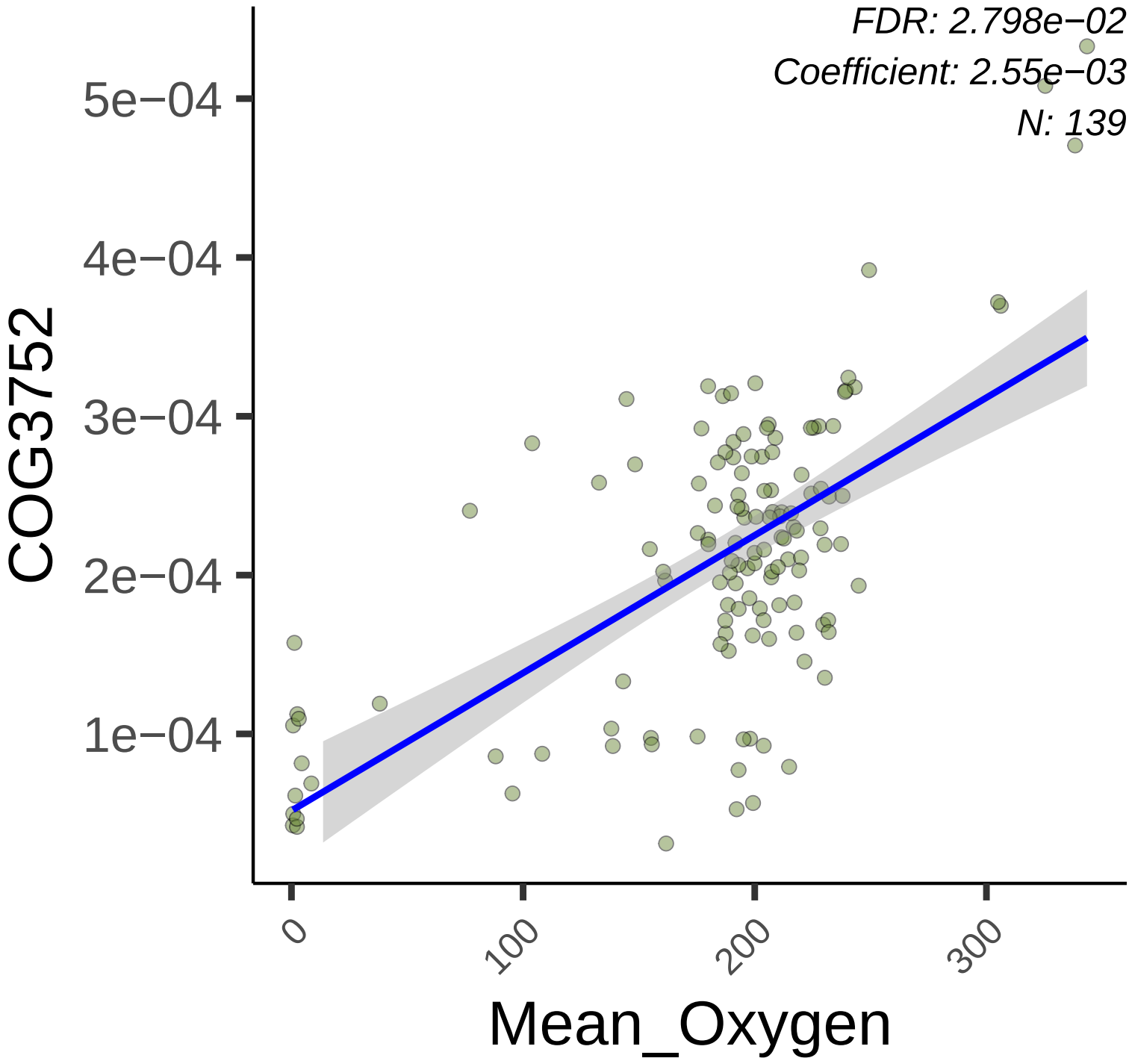
300
Mean_Oxygen


FDR: 2.798e−02
Coefficient: 2.55e−03
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3e−04
2e−04
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COG3752
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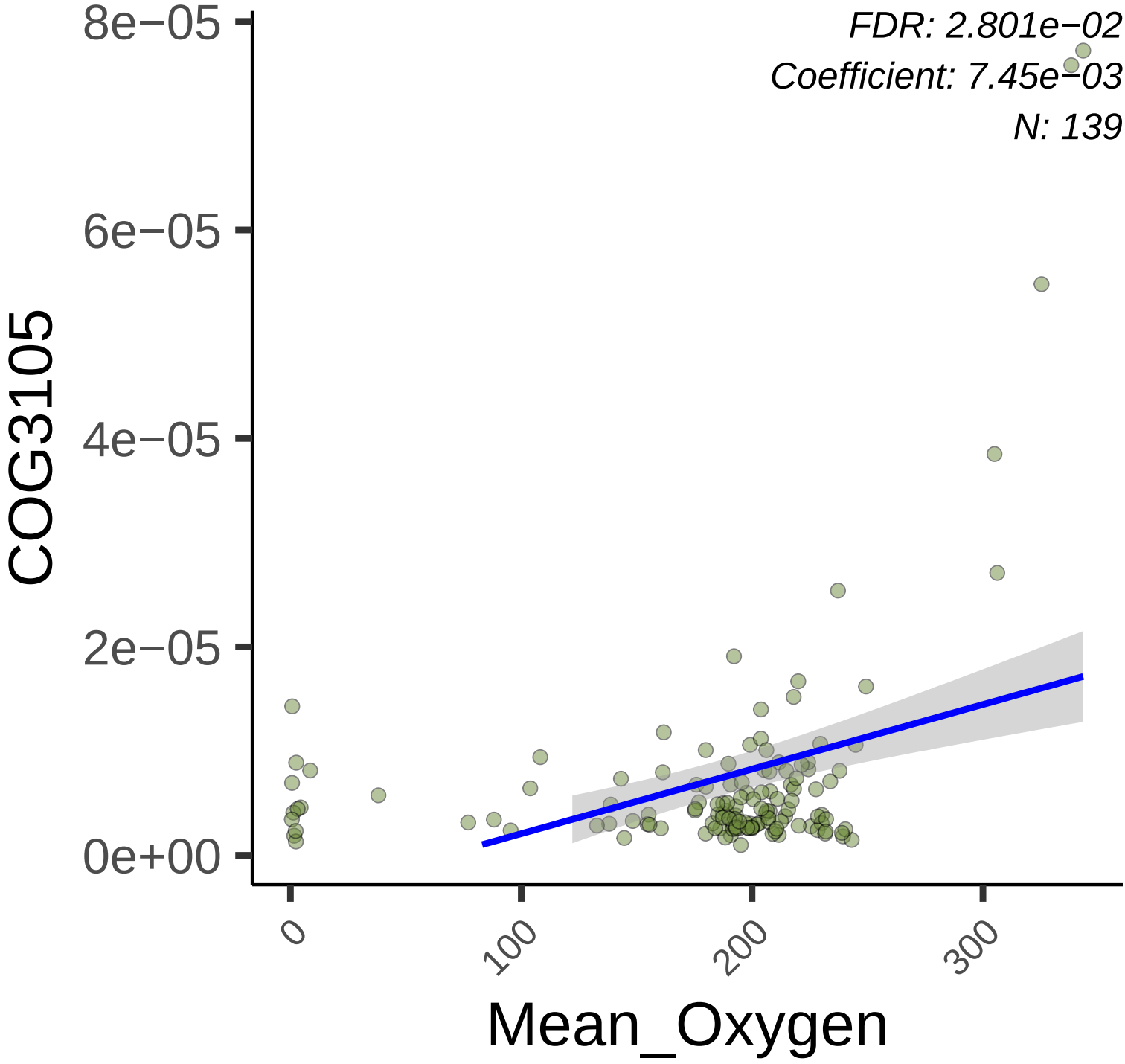
200
300
Mean_Oxygen


FDR: 2.801e−02
Coefficient: 7.45e−03
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6e−05
4e−05
2e−05
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COG3105
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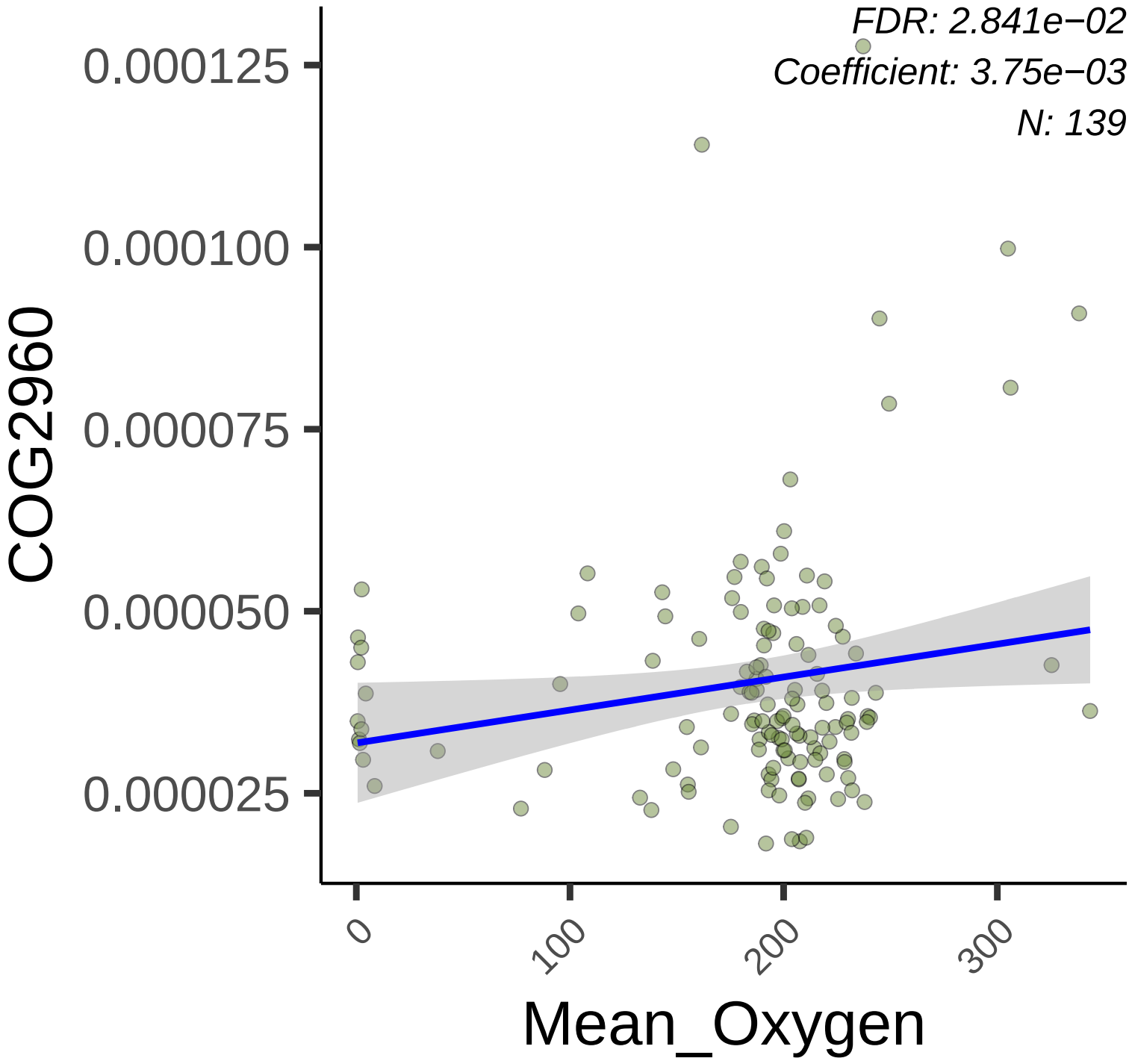
200
300
Mean_Oxygen


FDR: 2.841e−02
Coefficient: 3.75e−03
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COG2960
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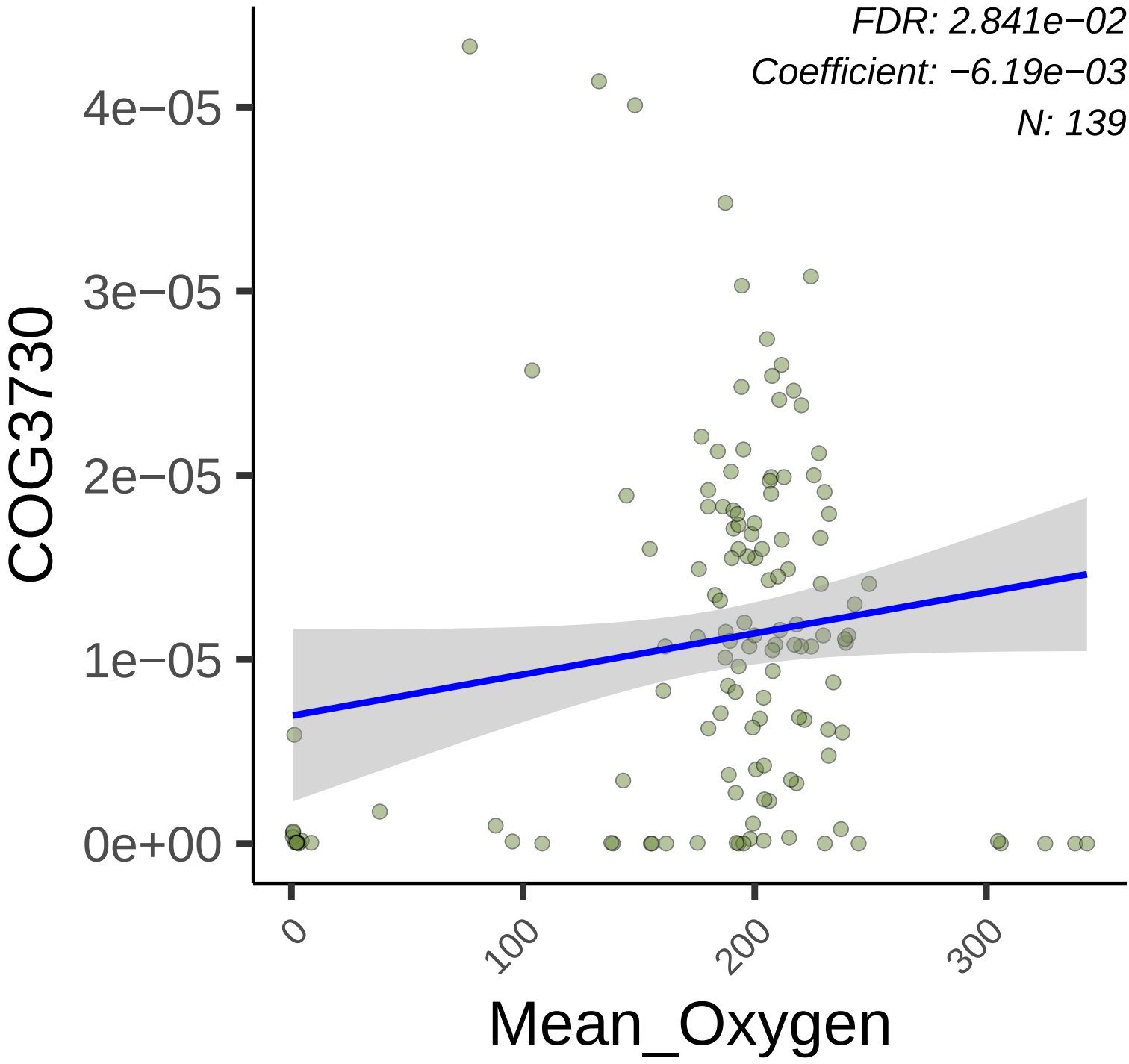
300
Mean_Oxygen


FDR: 2.841e−02
Coefficient: −6.19e−03
N: 139
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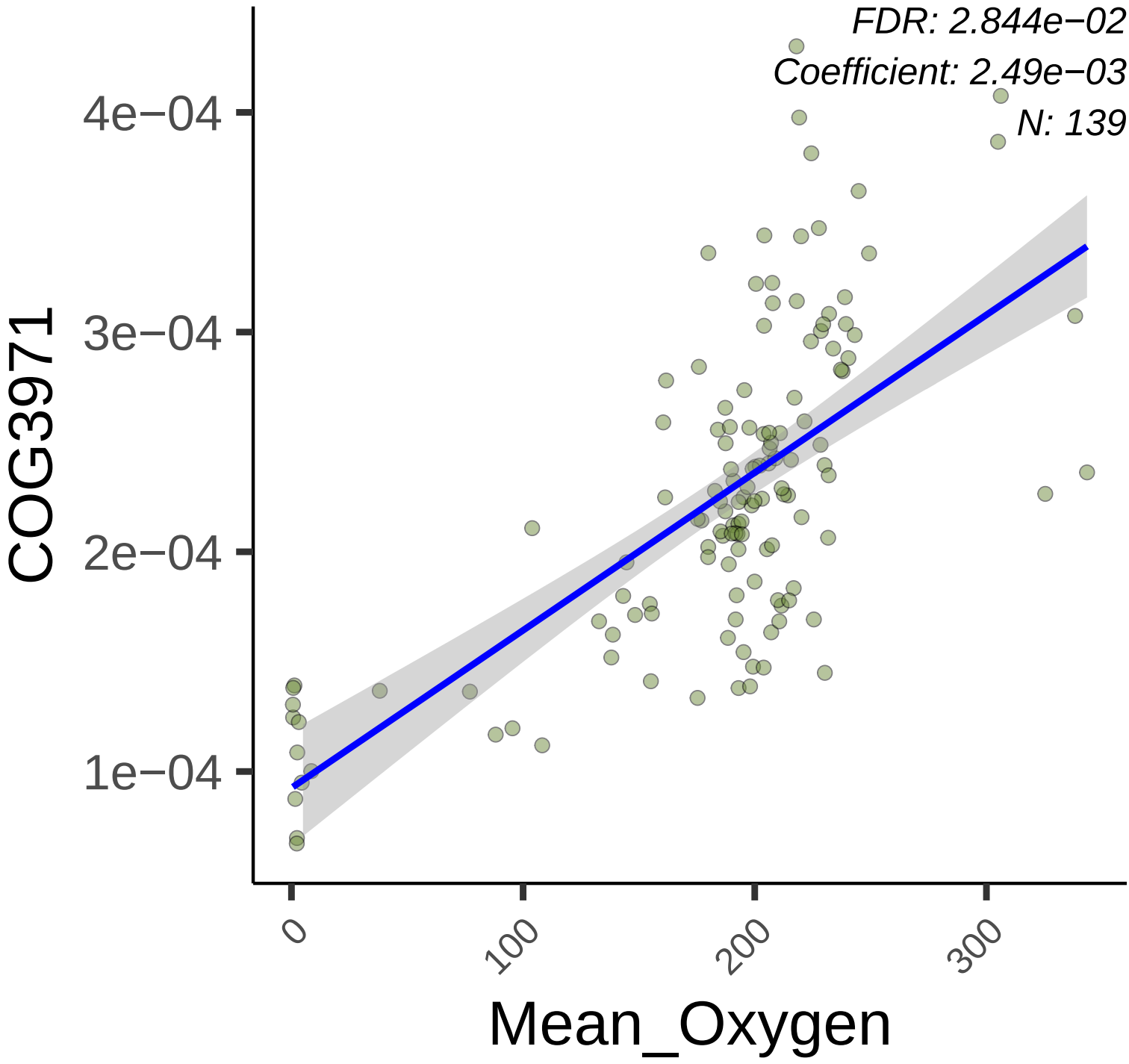
200
300
Mean_Oxygen


FDR: 2.844e−02
Coefficient: 2.49e−03
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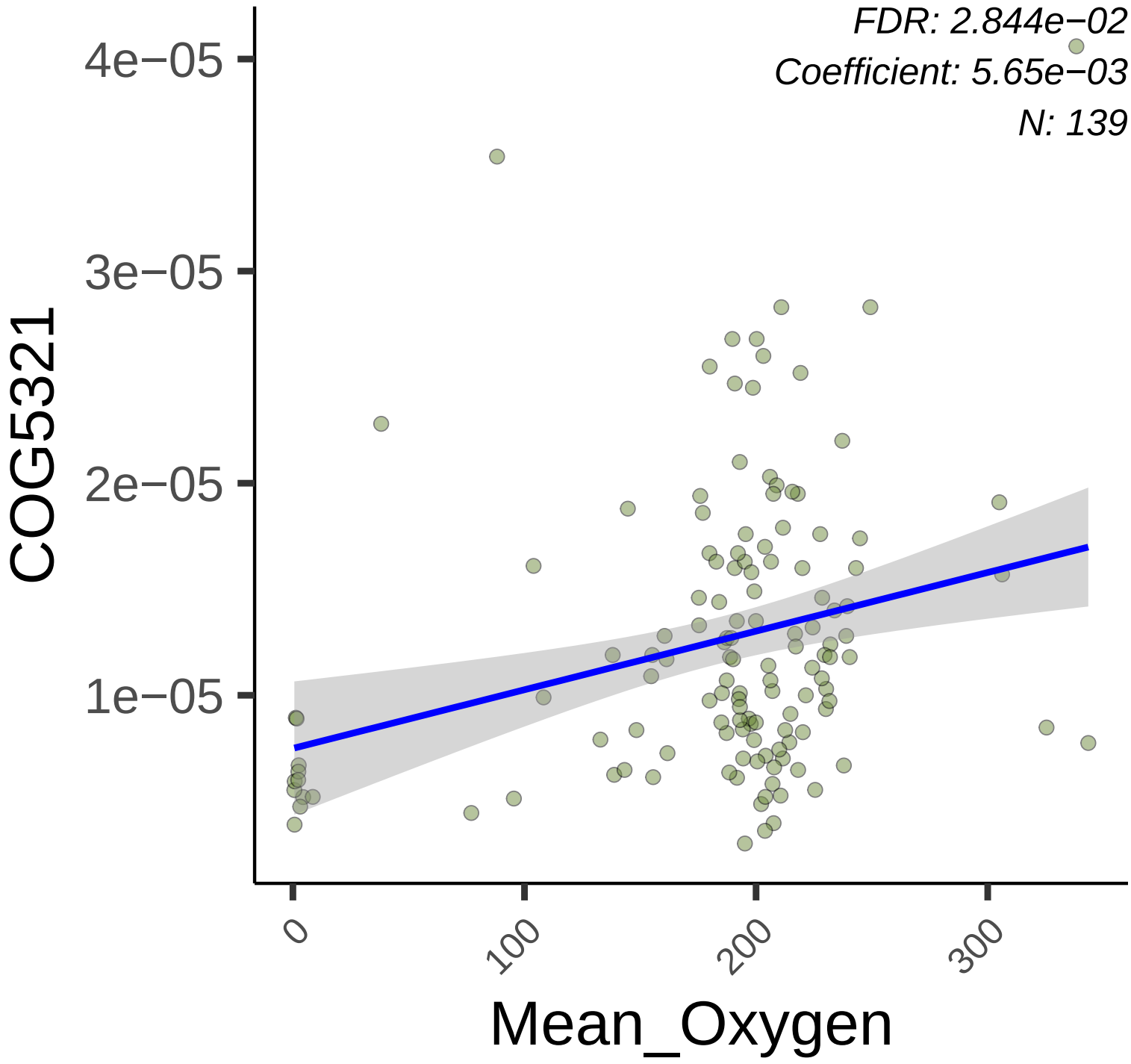
300
Mean_Oxygen


FDR: 2.844e−02
Coefficient: 5.65e−03
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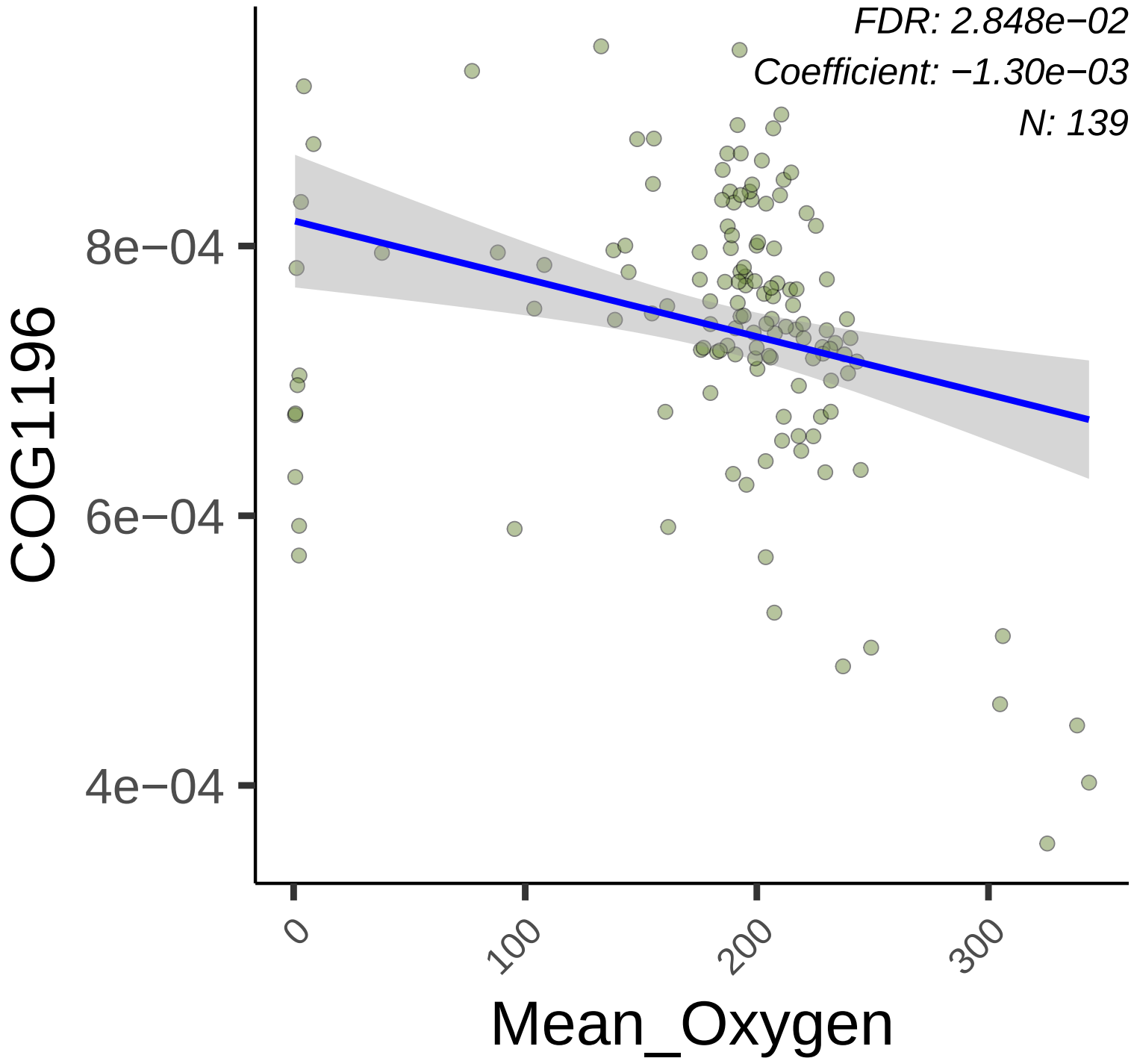
300
Mean_Oxygen


FDR: 2.848e−02
Coefficient: −1.30e−03
N: 139
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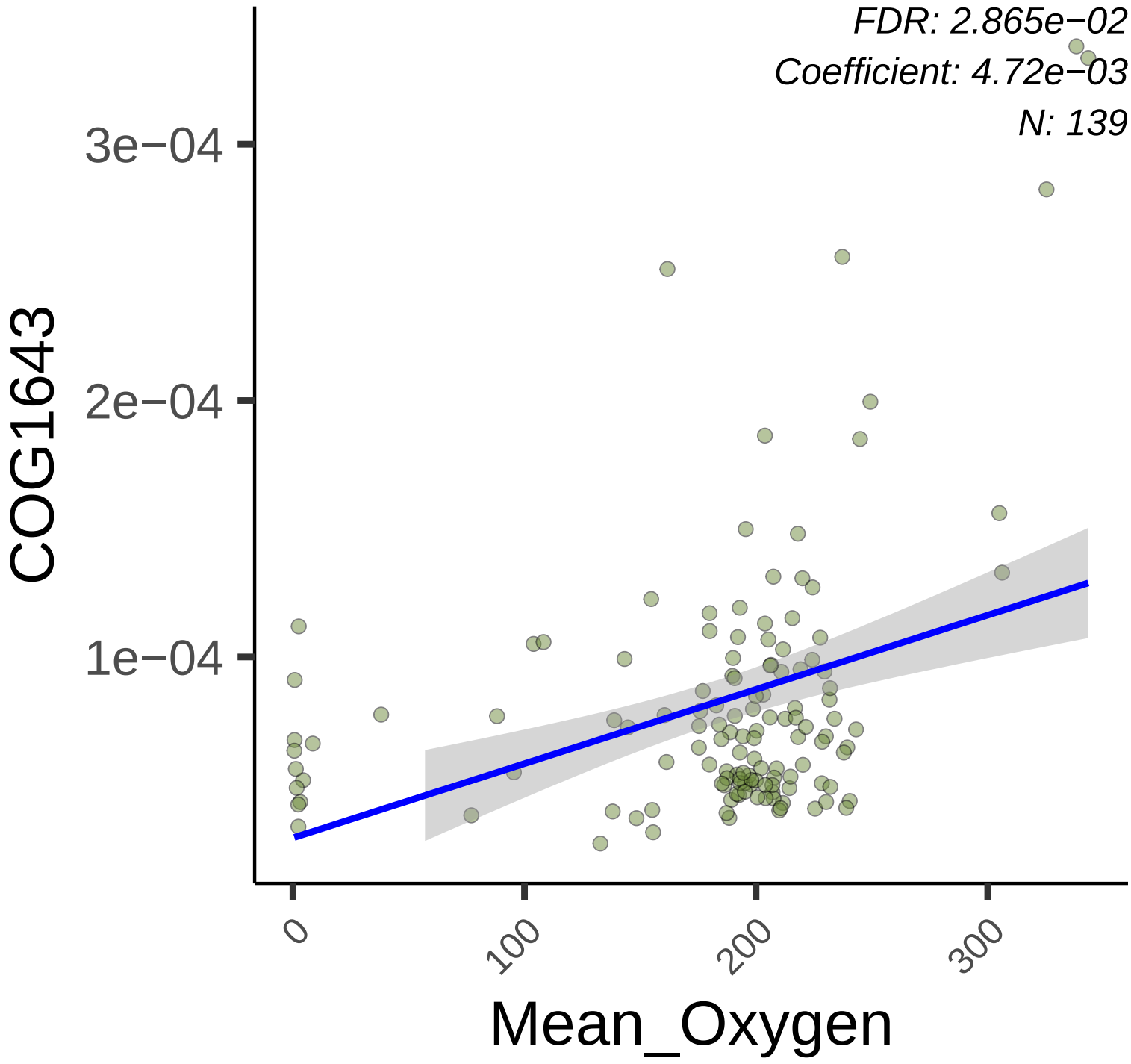
Mean_Oxygen


FDR: 2.865e−02
Coefficient: 4.72e−03
N: 139
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COG1643
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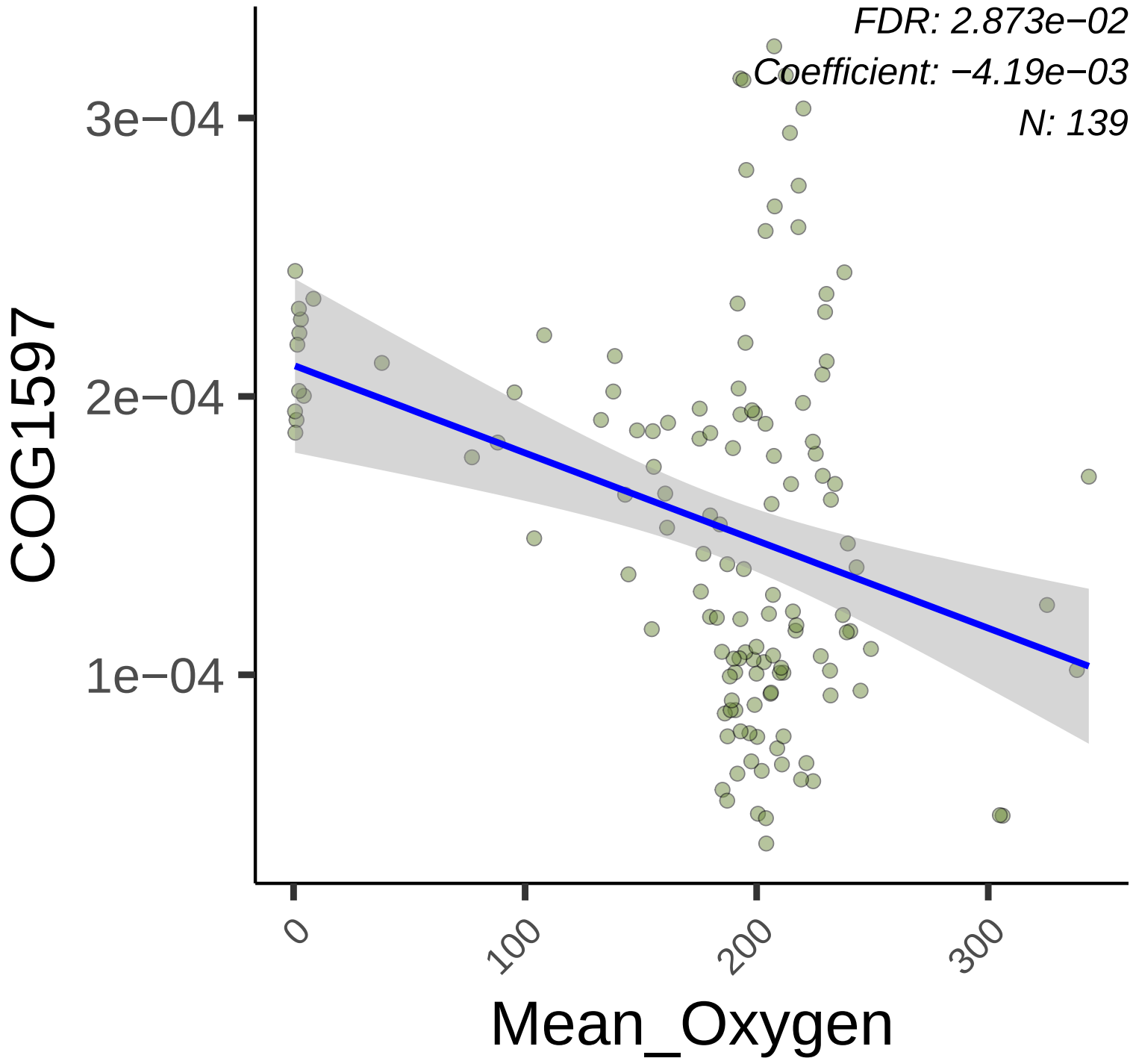
Mean_Oxygen


FDR: 2.873e−02
Coefficient: −4.19e−03
N: 139
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COG1597
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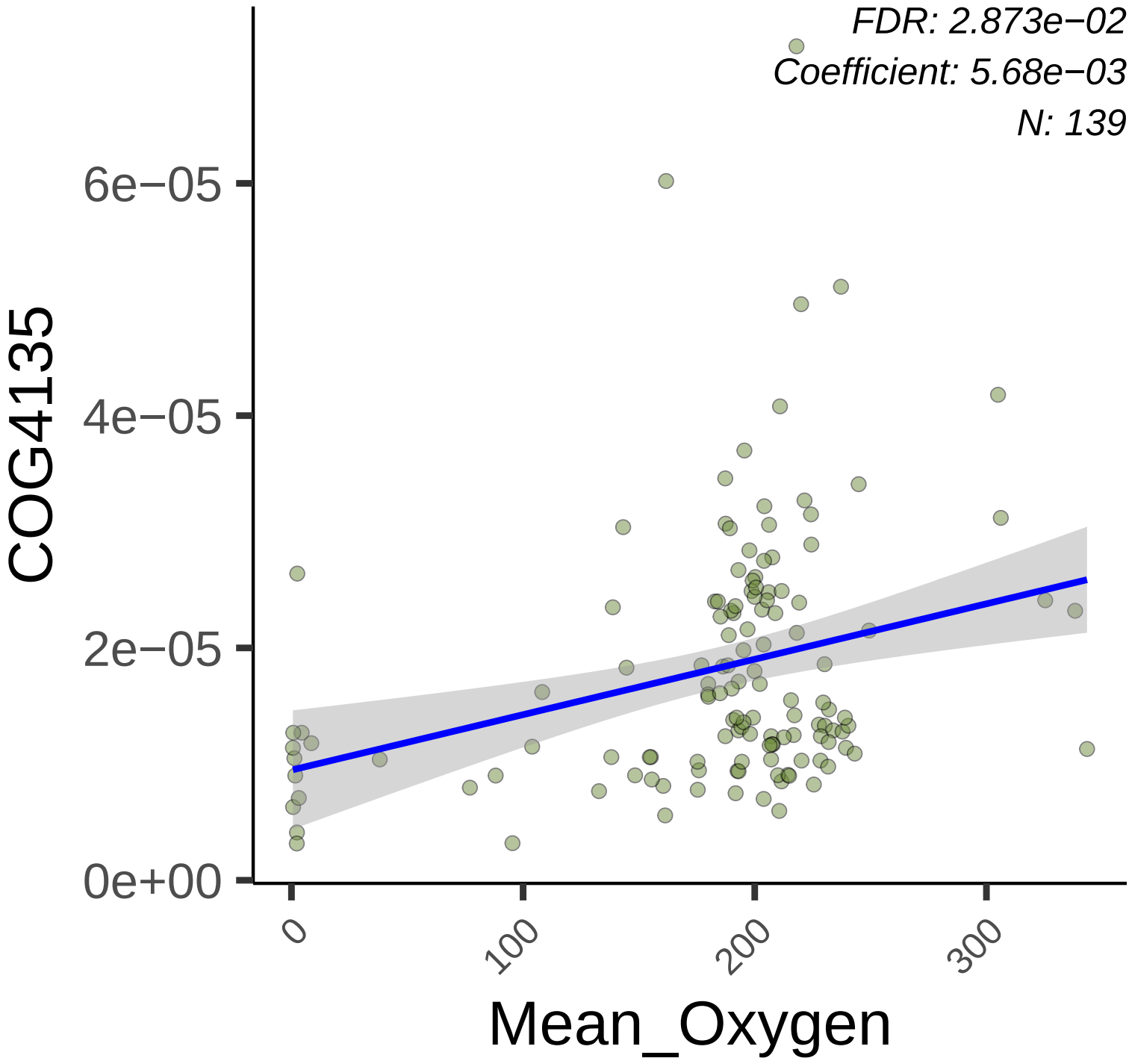
300
Mean_Oxygen


FDR: 2.873e−02
Coefficient: 5.68e−03
N: 139
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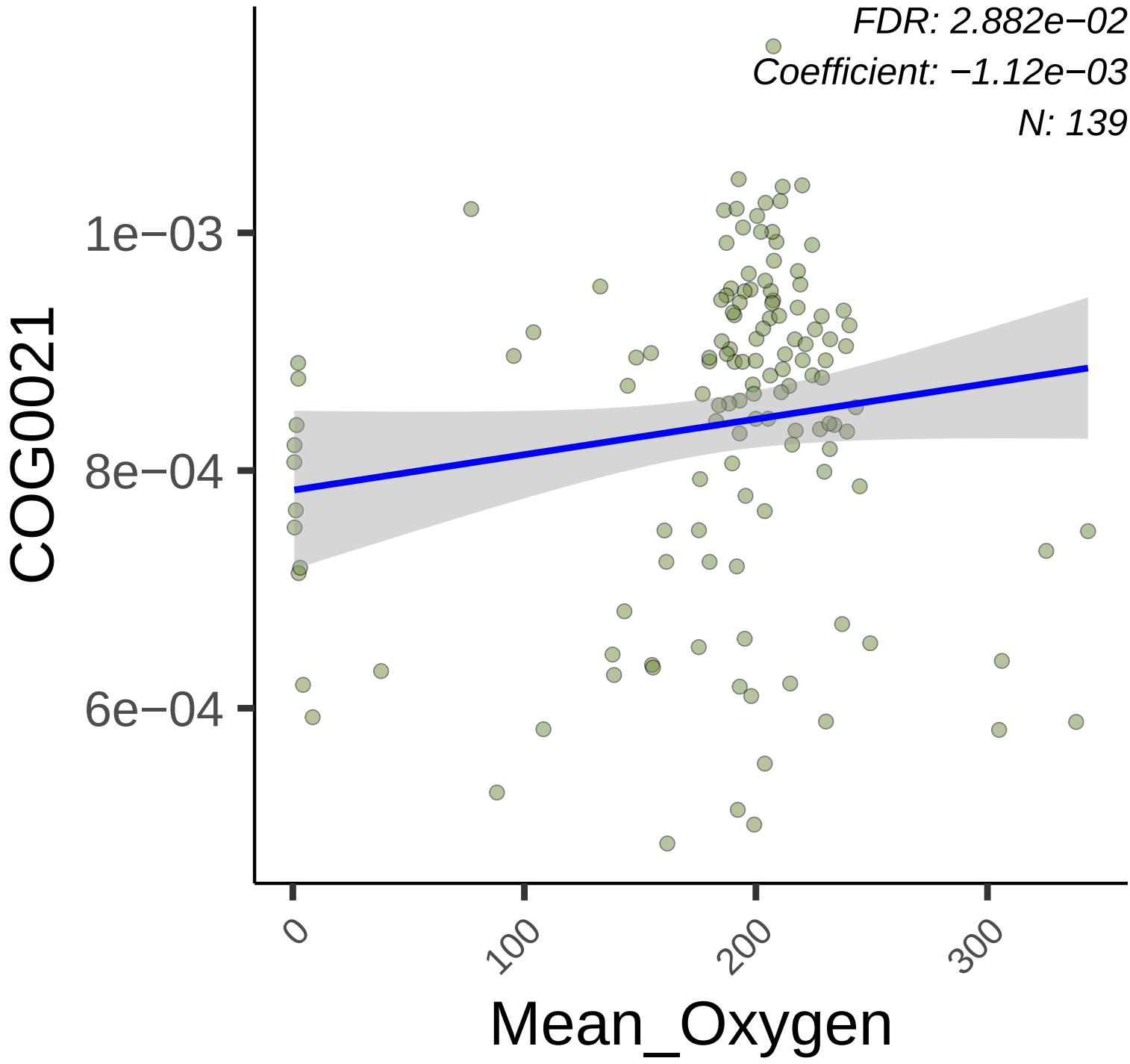
Mean_Oxygen


FDR: 2.882e−02
Coefficient: −1.12e−03
N: 139
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COG0021
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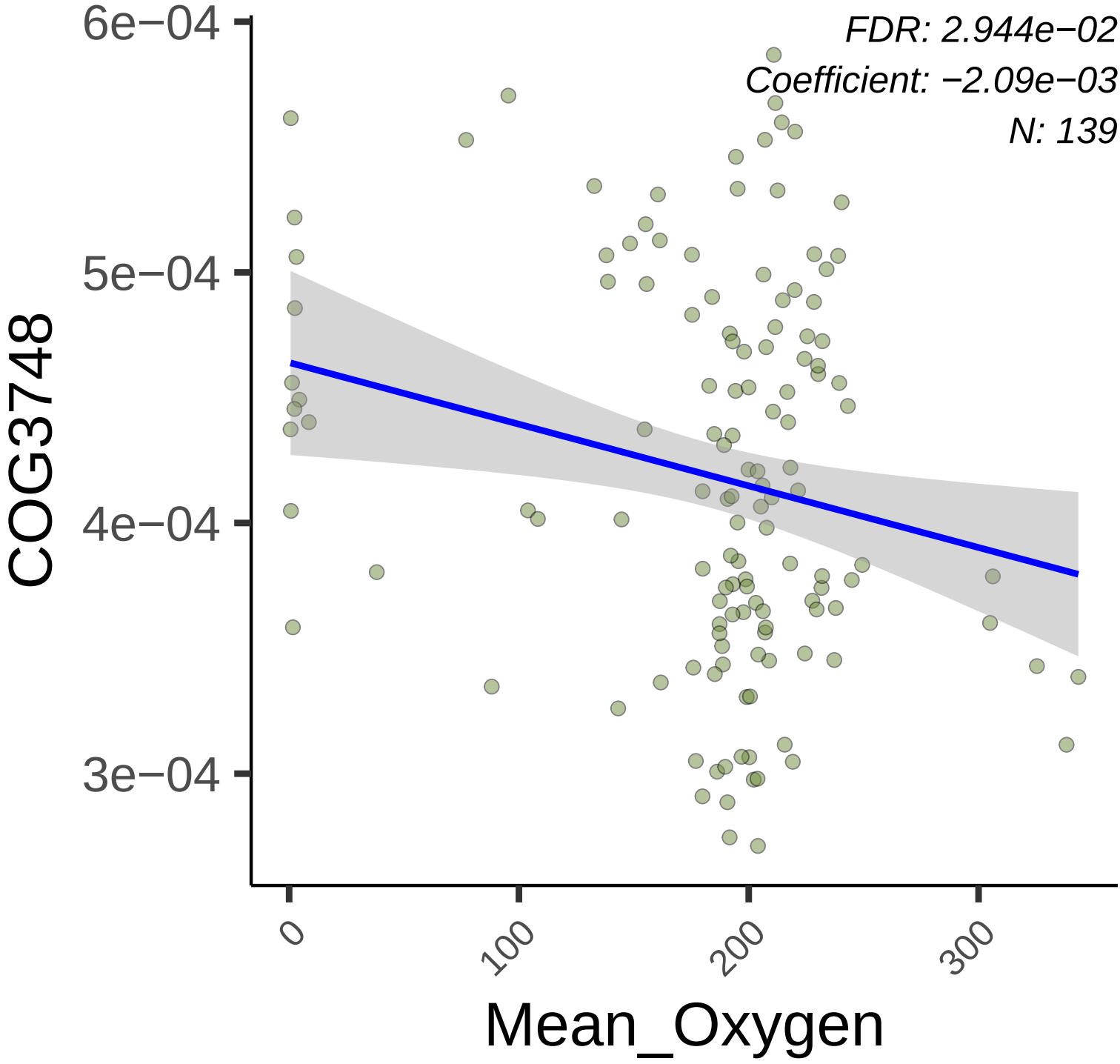
300
Mean_Oxygen


FDR: 2.944e−02
Coefficient: −2.09e−03
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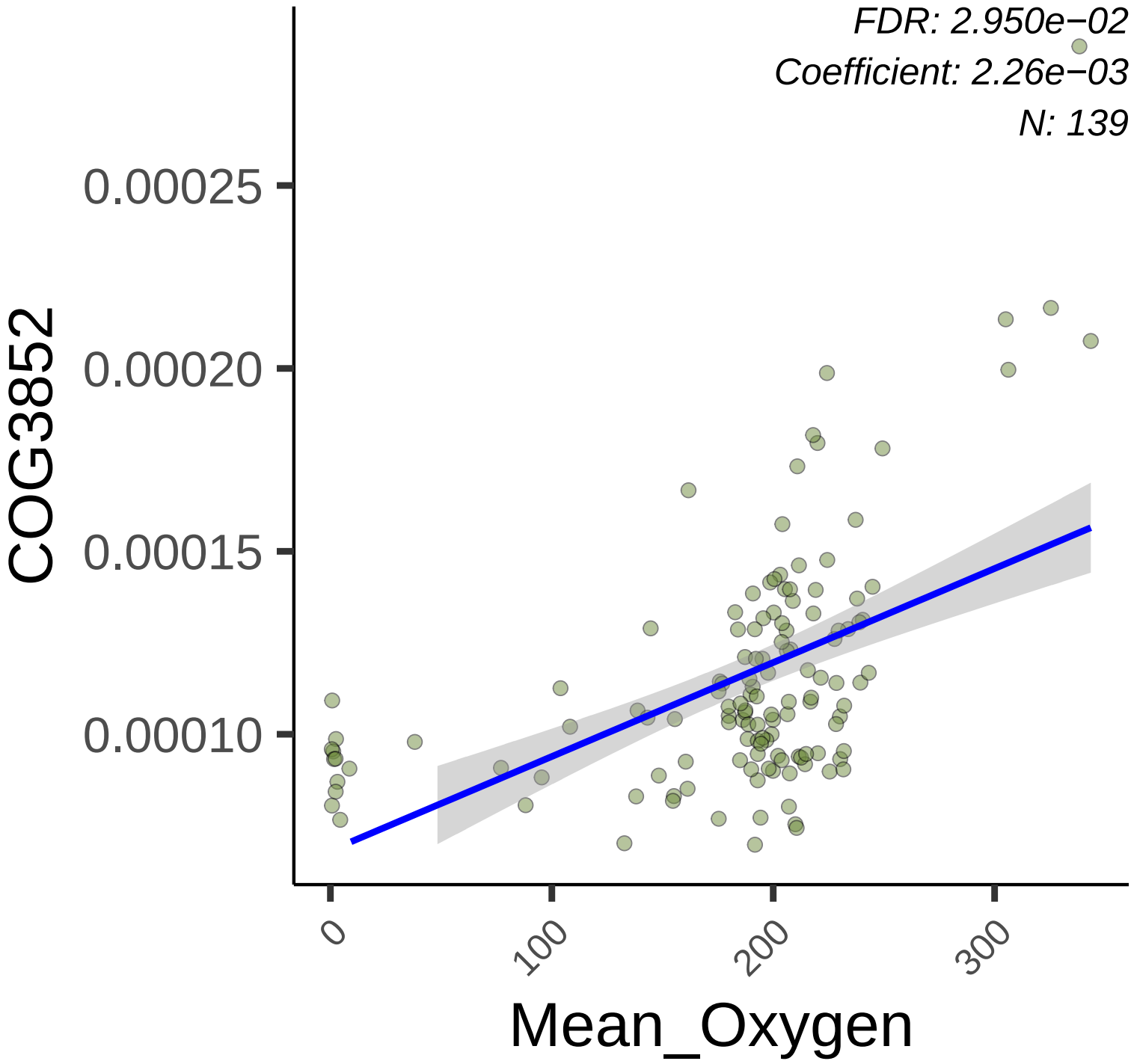
200
300
Mean_Oxygen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Coefficient: 2.26e−03
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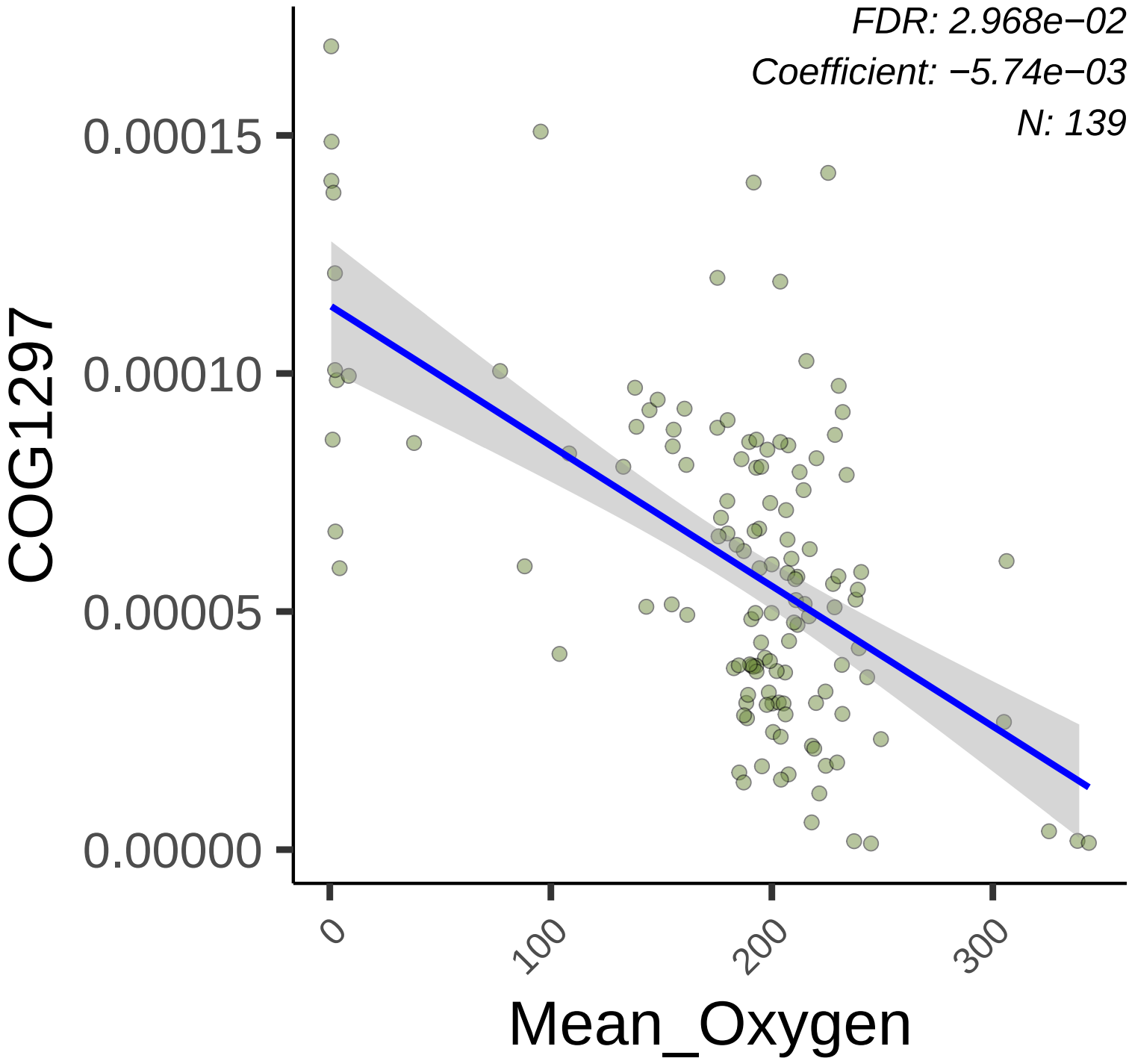
200
300
Mean_Oxygen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Coefficient: −5.74e−03
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COG1297
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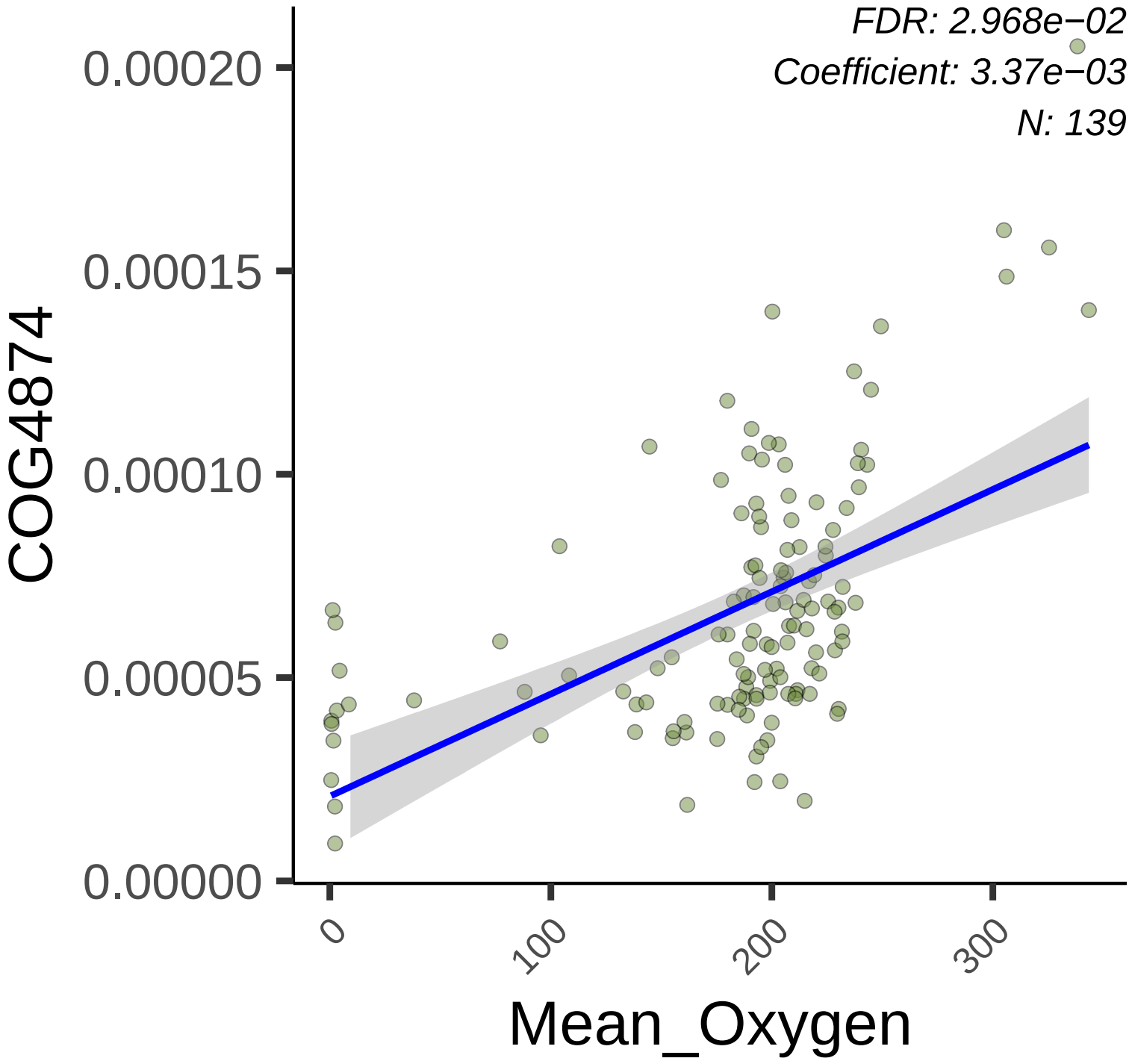
200
300
Mean_Oxygen


FDR: 2.968e−02
Coefficient: 3.37e−03
N: 139
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0.00005
0.00000
COG4874
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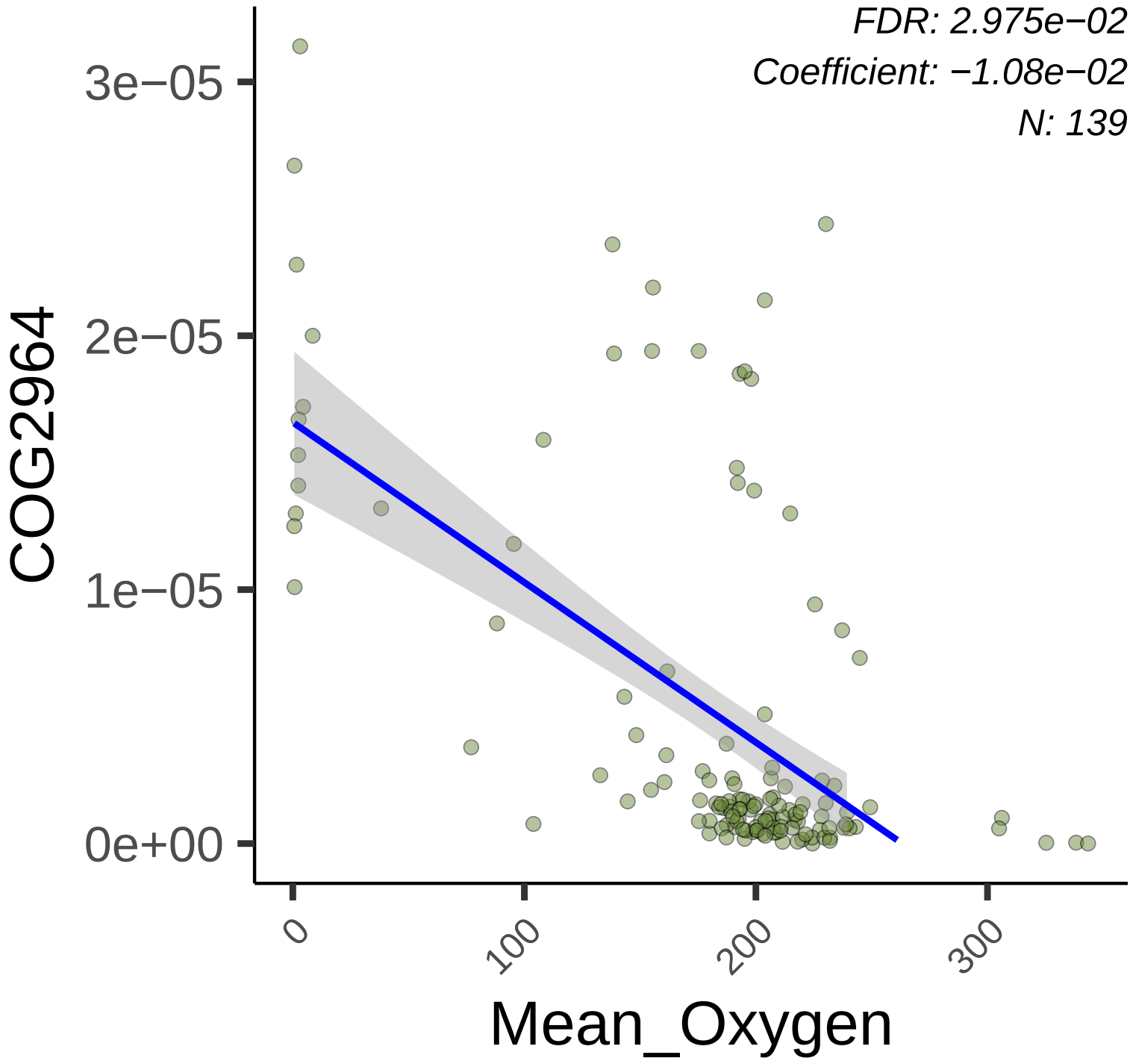
100
200
300
Mean_Oxygen


FDR: 2.975e−02
Coefficient: −1.08e−02
N: 139
COG2964
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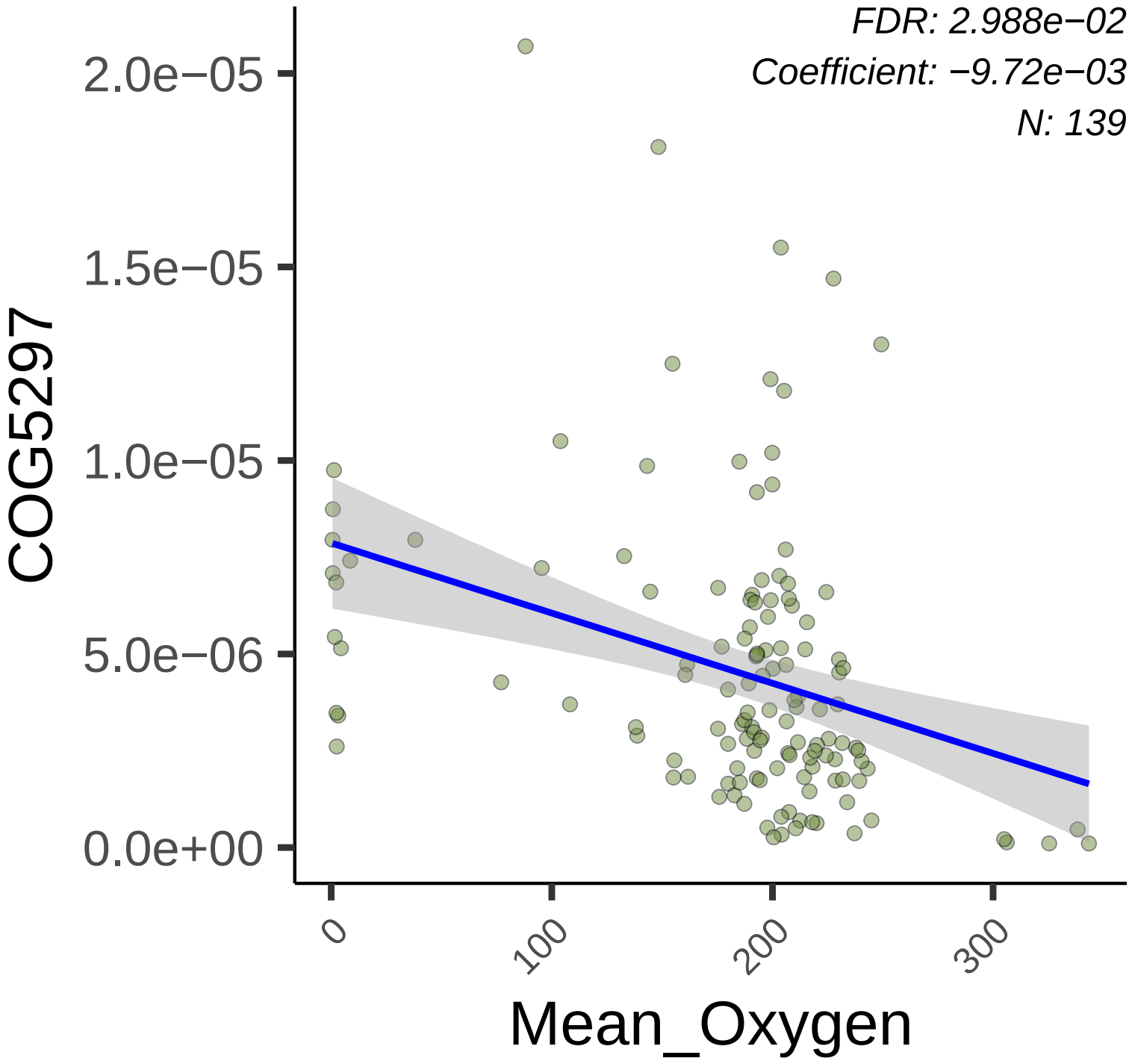
Mean_Oxygen


FDR: 2.988e−02
Coefficient: −9.72e−03
N: 139
2.0e−05
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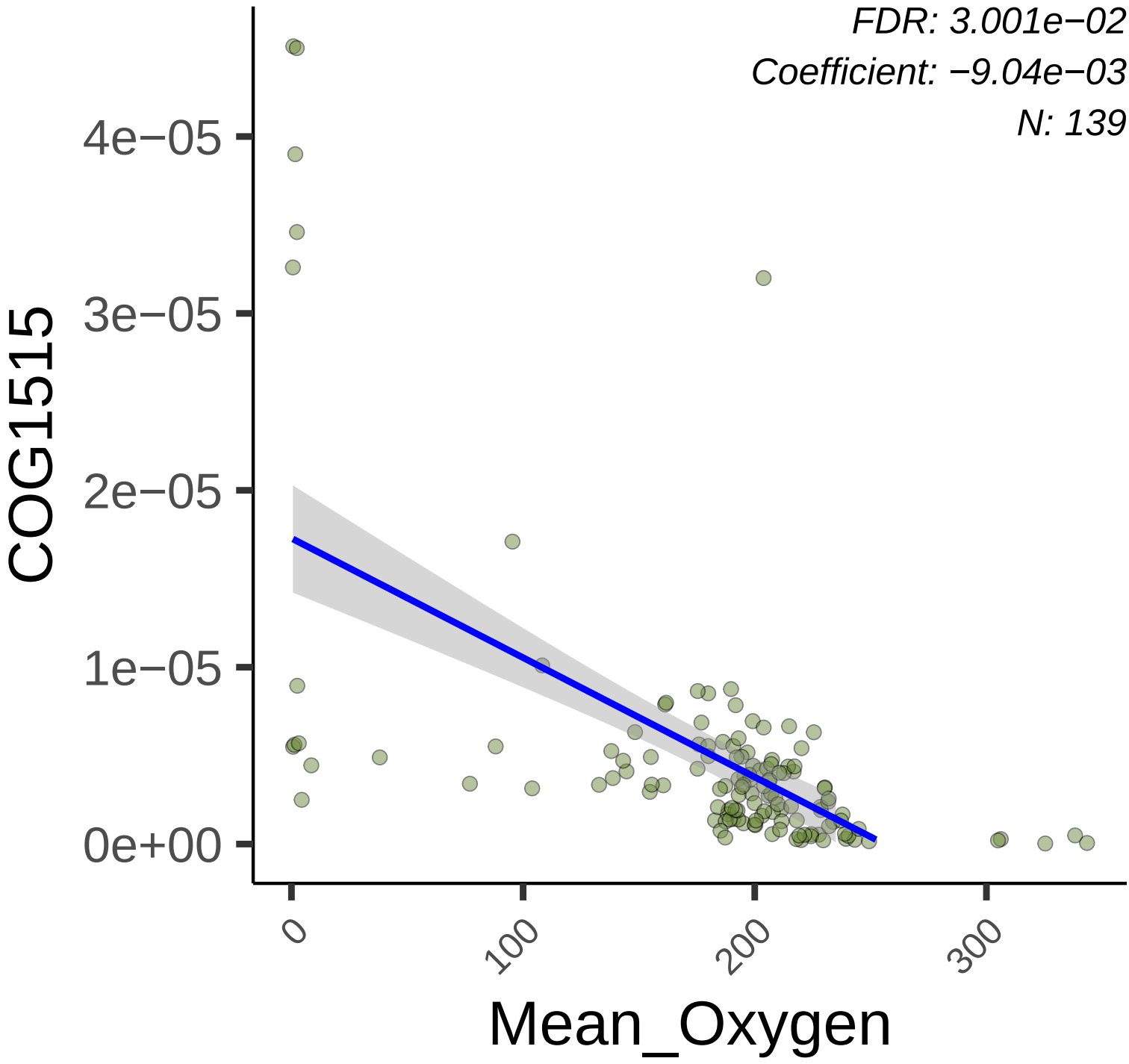
Mean_Oxygen


FDR: 3.001e−02
Coefficient: −9.04e−03
N: 139
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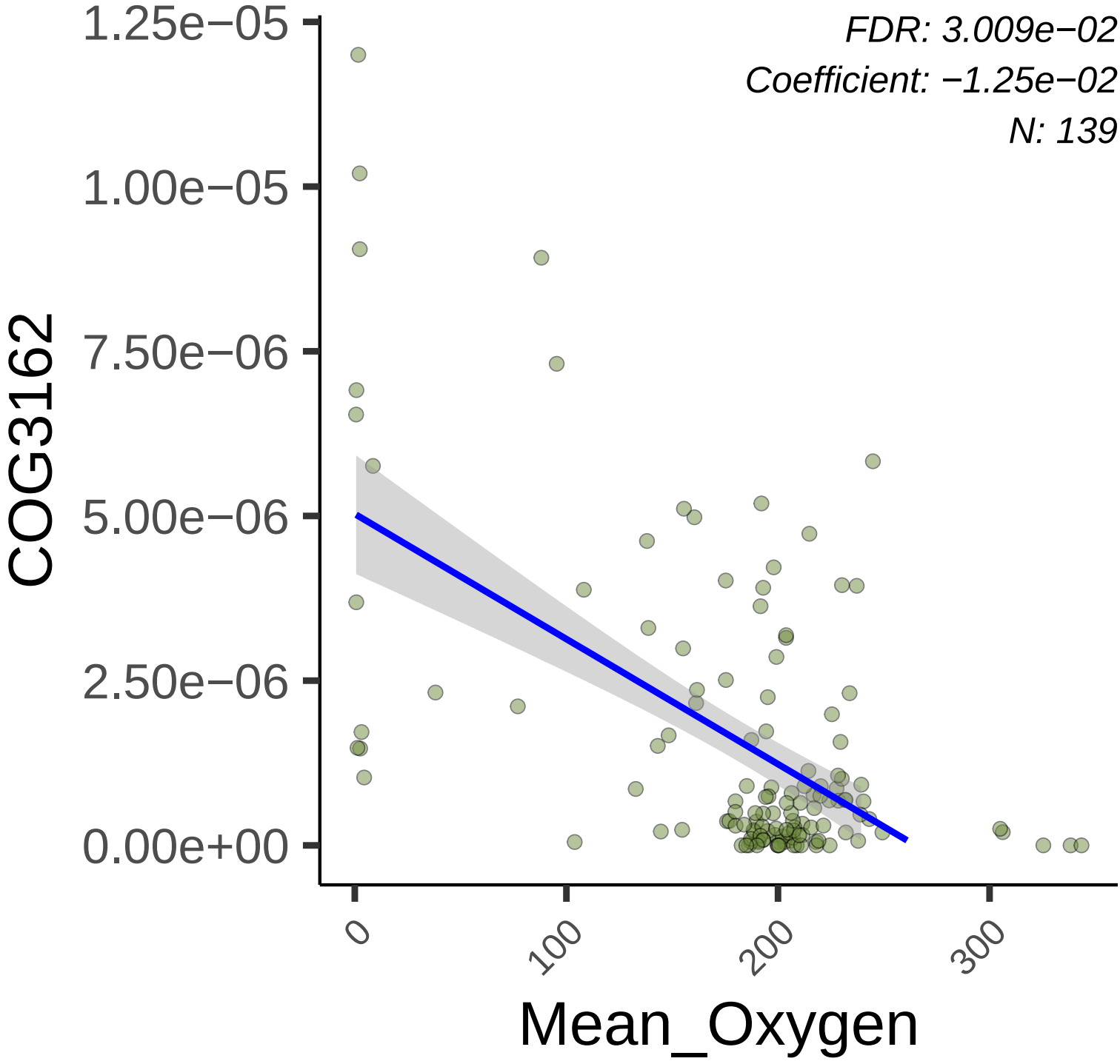
Mean_Oxygen


FDR: 3.009e−02
Coefficient: −1.25e−02
N: 139
1.25e−05
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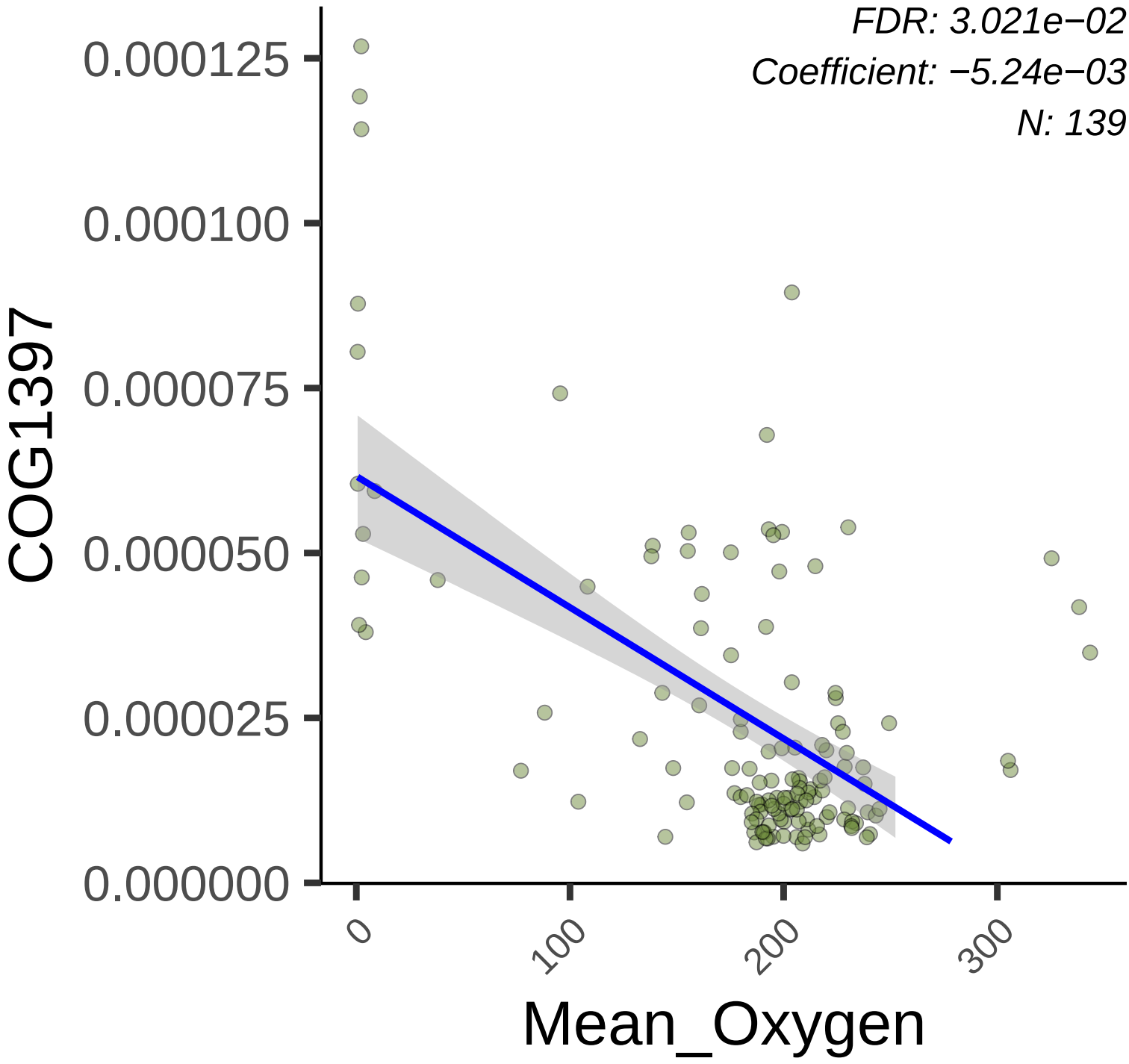
Mean_Oxygen


FDR: 3.021e−02
Coefficient: −5.24e−03
N: 139
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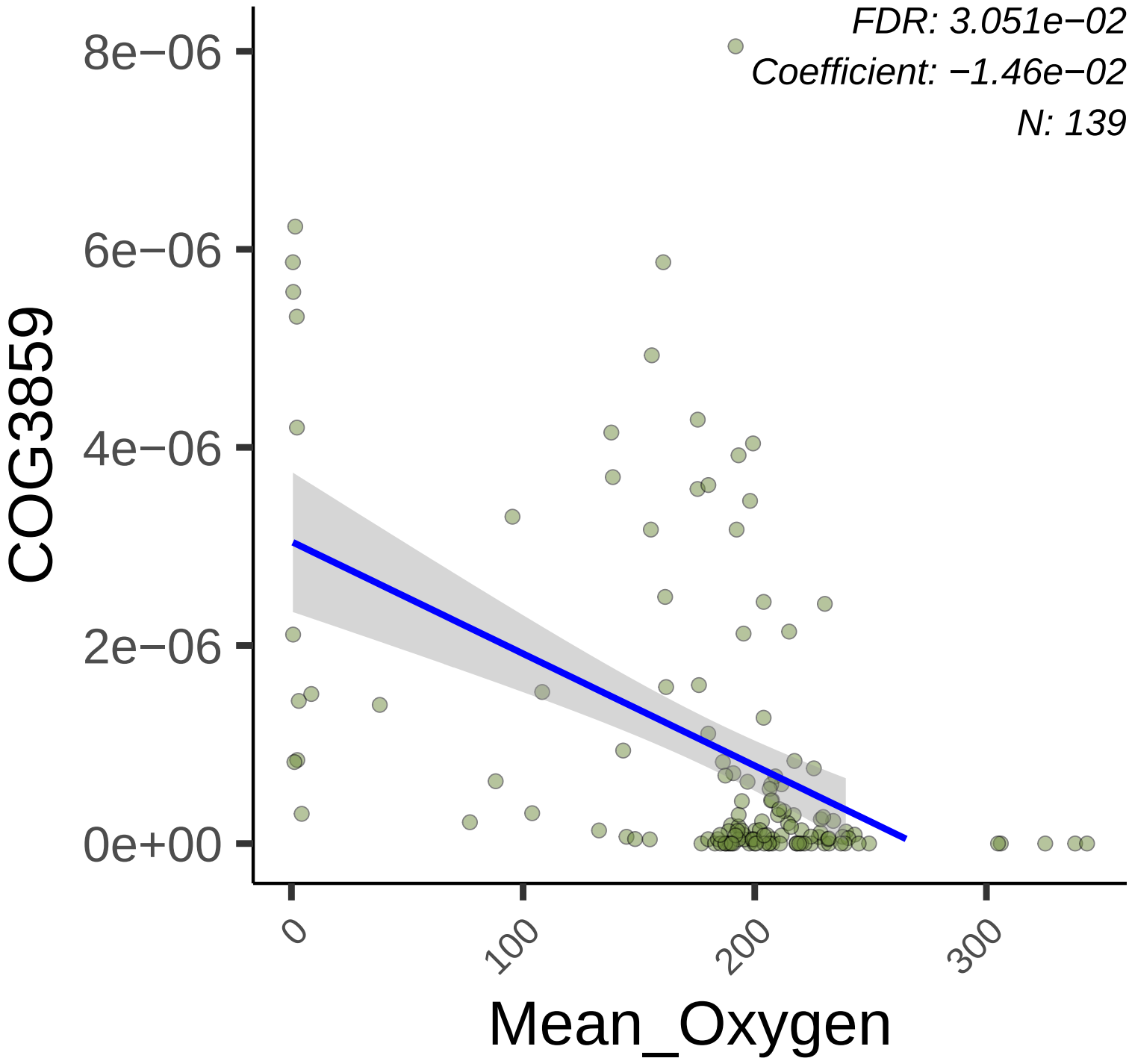
Mean_Oxygen


FDR: 3.051e−02
Coefficient: −1.46e−02
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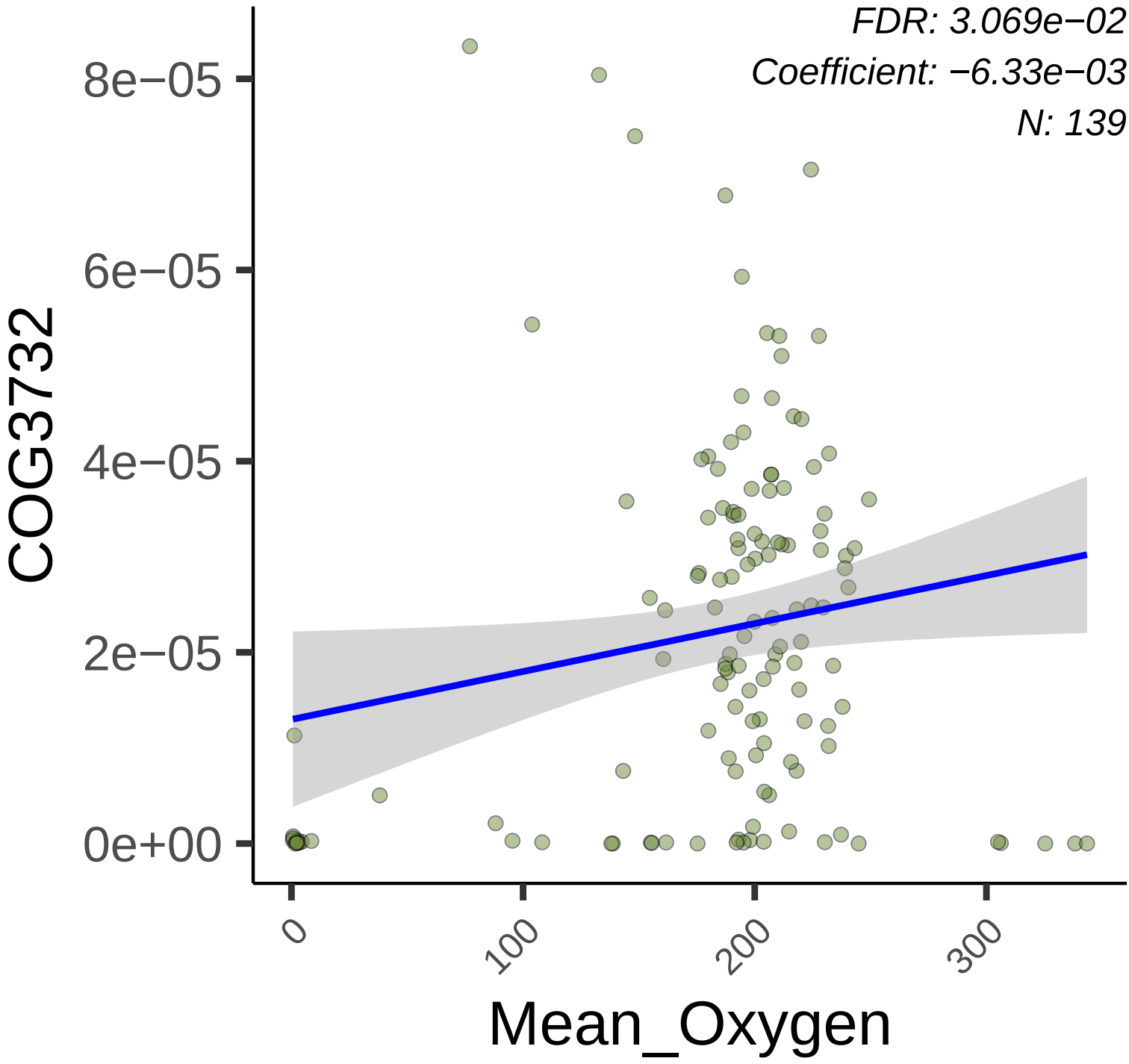
Mean_Oxygen


FDR: 3.069e−02
Coefficient: −6.33e−03
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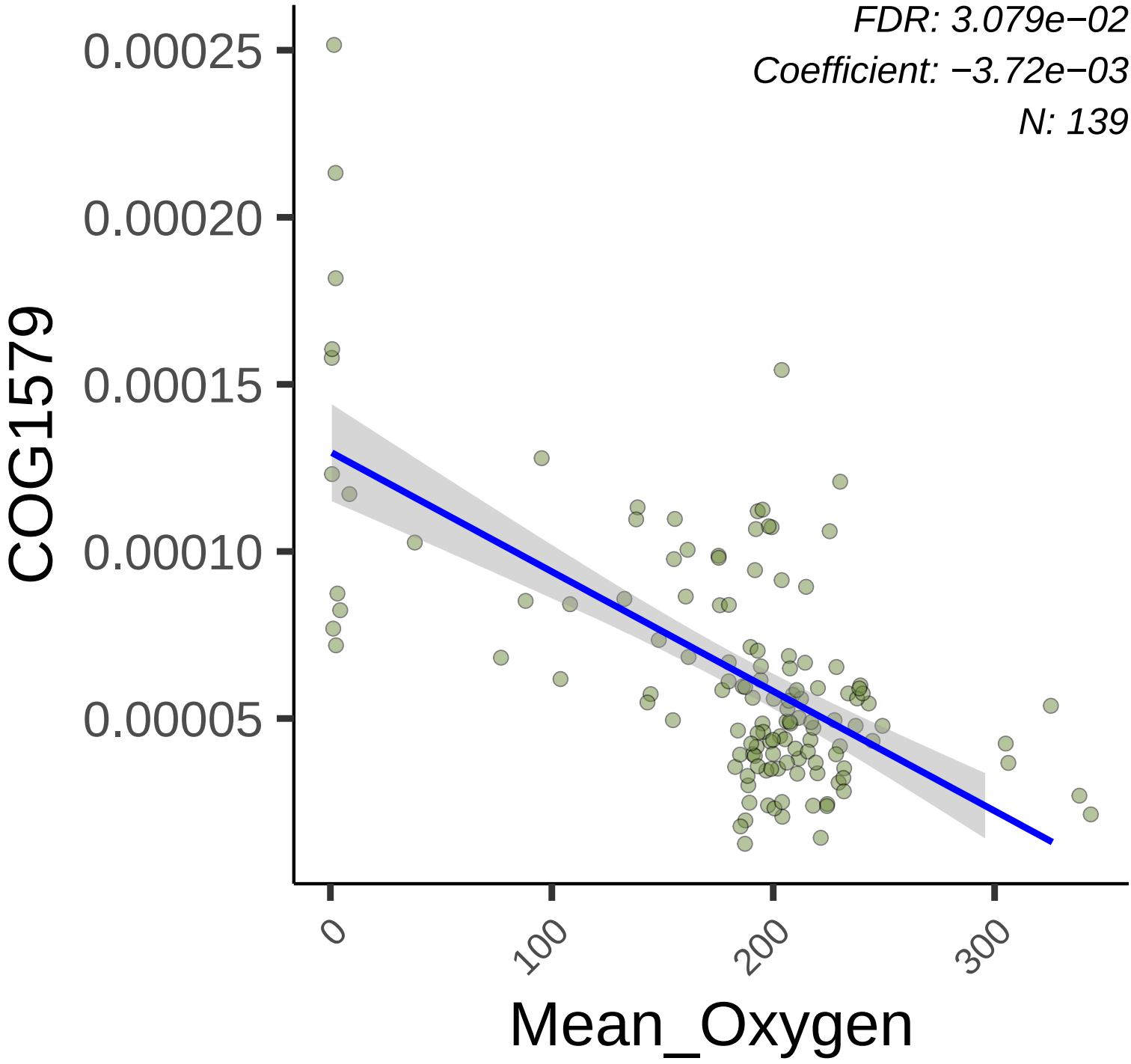
200
300
Mean_Oxygen


FDR: 3.079e−02
Coefficient: −3.72e−03
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COG1579
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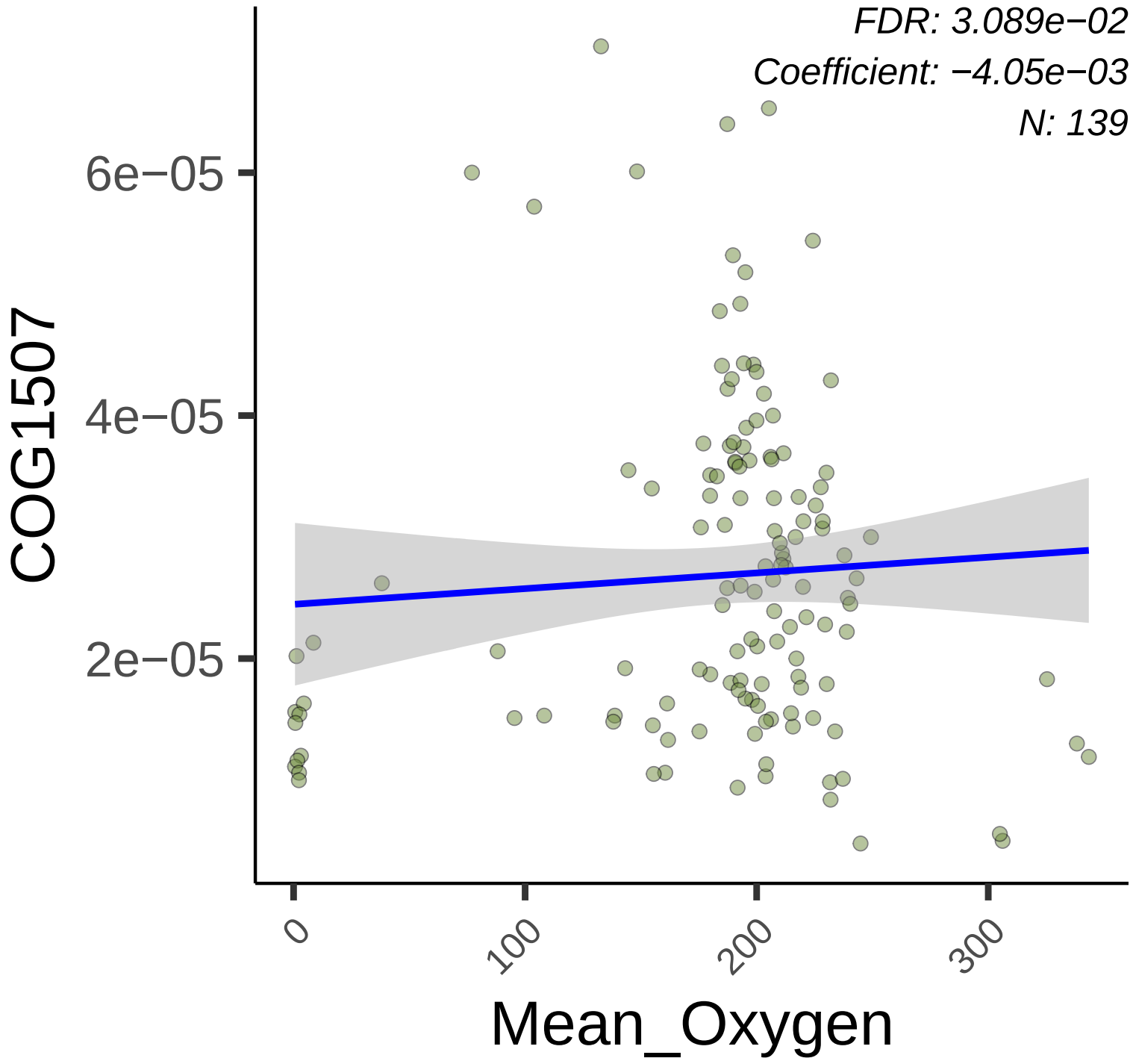
Mean_Oxygen


FDR: 3.089e−02
Coefficient: −4.05e−03
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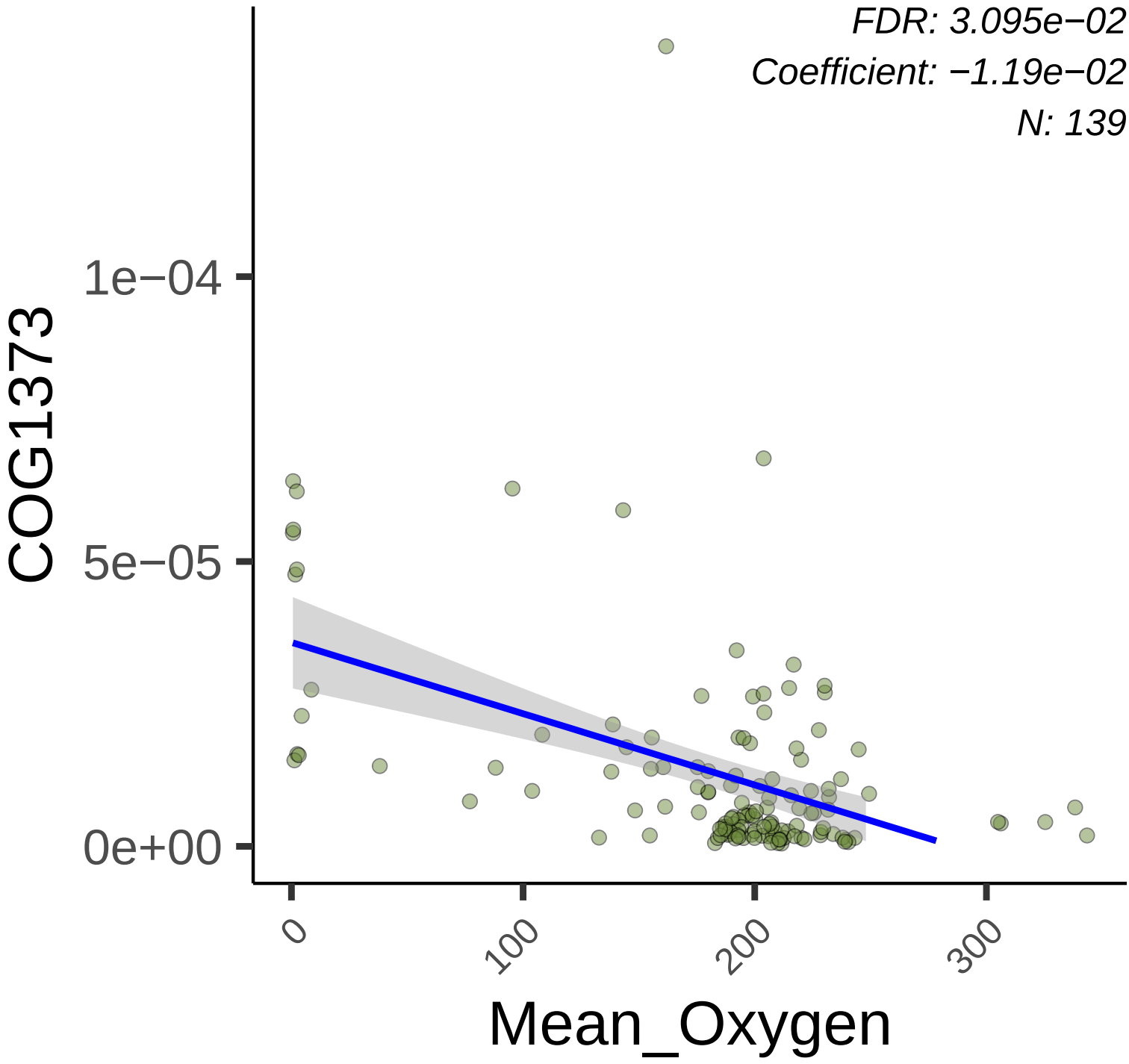
Mean_Oxygen


FDR: 3.095e−02
Coefficient: −1.19e−02
N: 139
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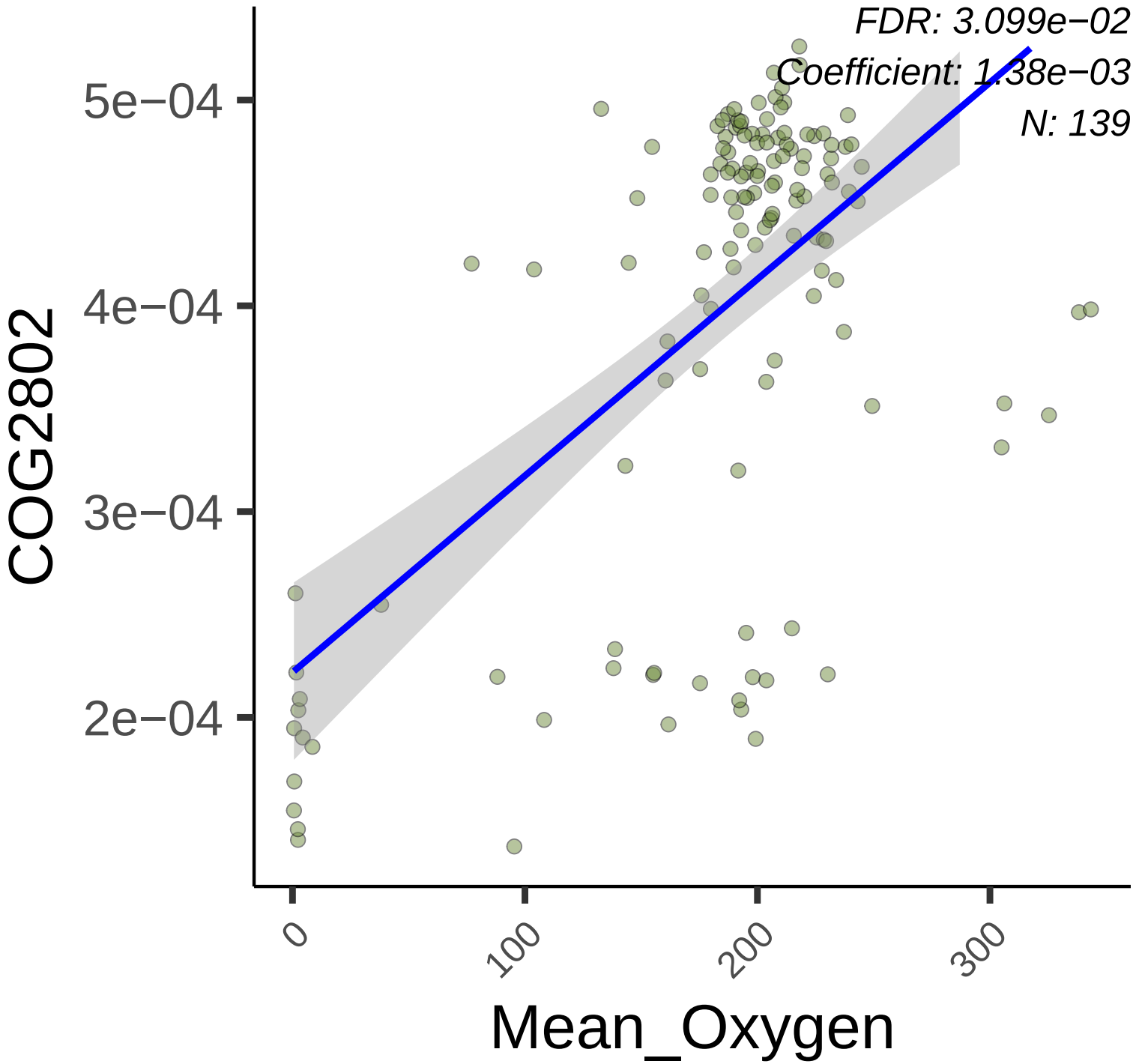
Mean_Oxygen


FDR: 3.099e−02
Coefficient: 1.38e−03
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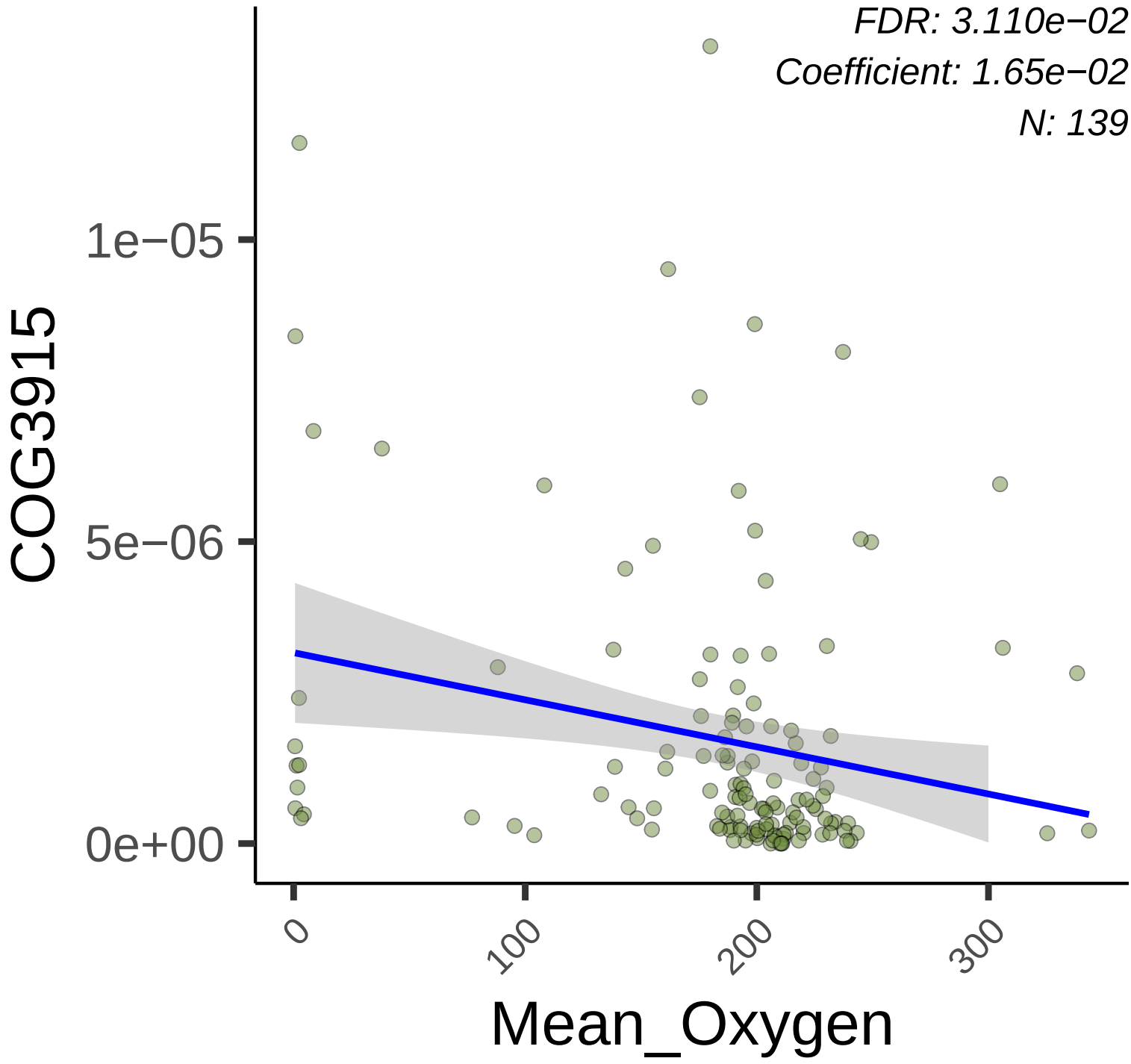
Mean_Oxygen


FDR: 3.110e−02
Coefficient: 1.65e−02
N: 139
COG3915
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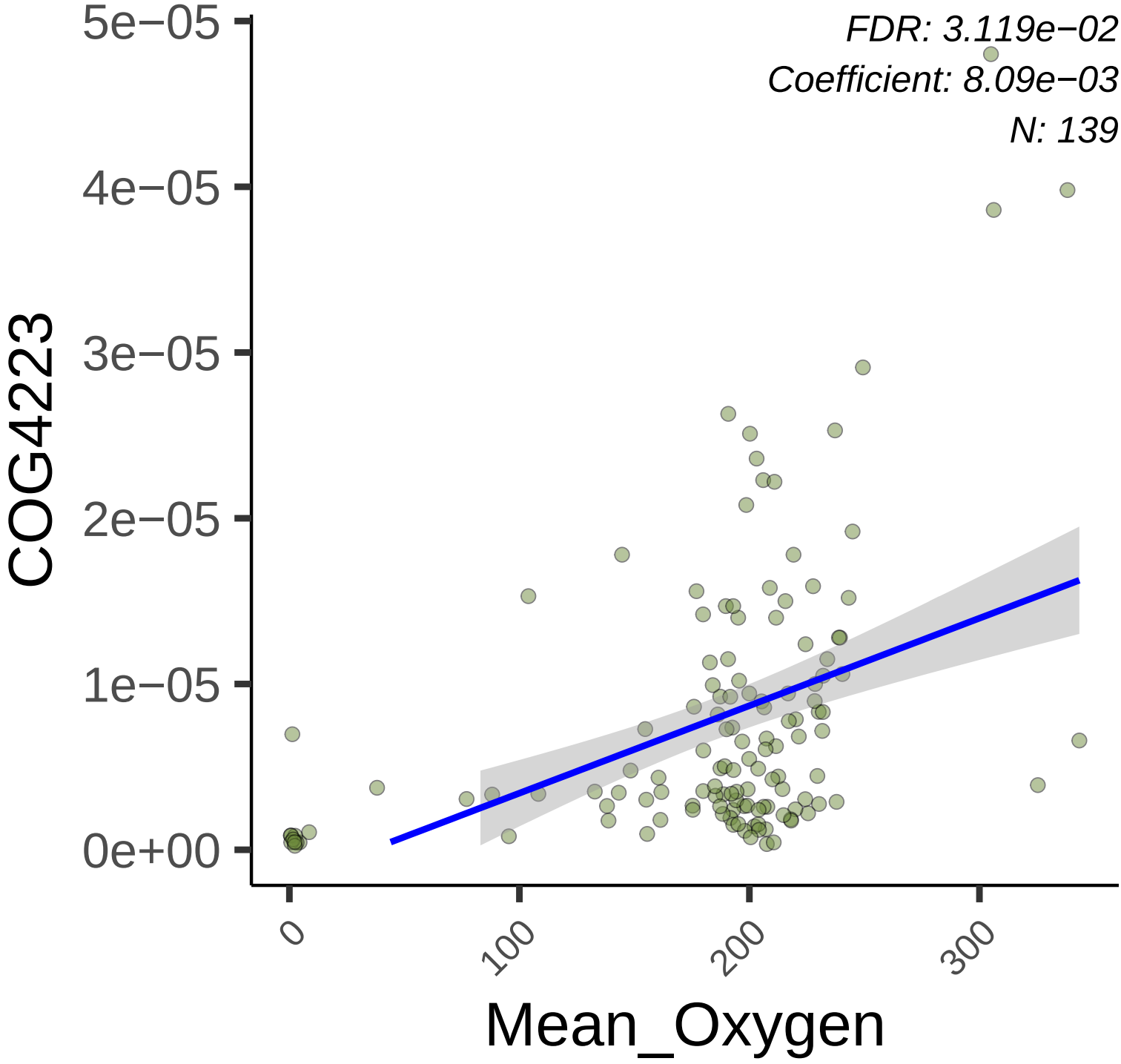
Mean_Oxygen


FDR: 3.119e−02
Coefficient: 8.09e−03
N: 139
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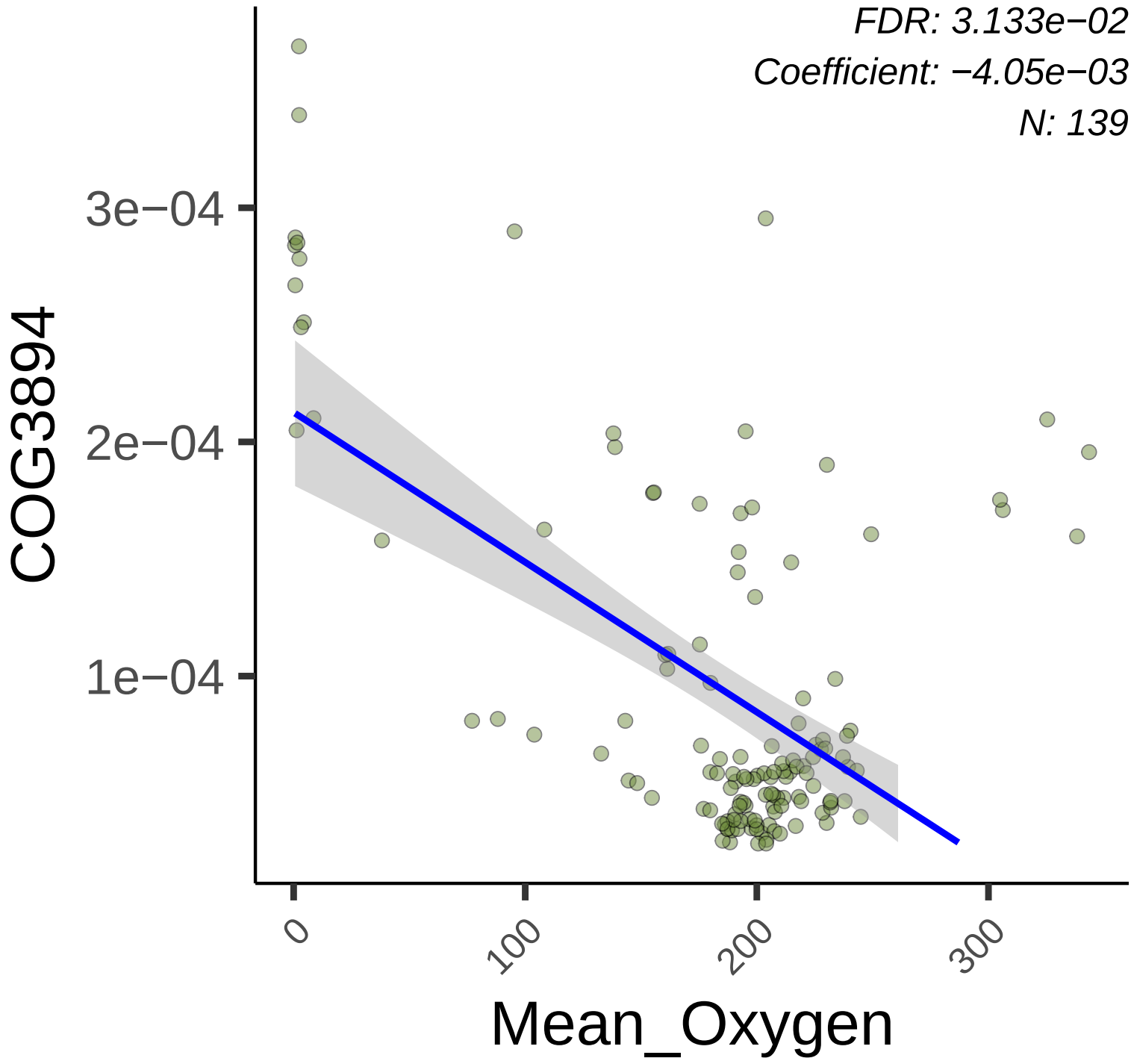
Mean_Oxygen


FDR: 3.133e−02
Coefficient: −4.05e−03
N: 139
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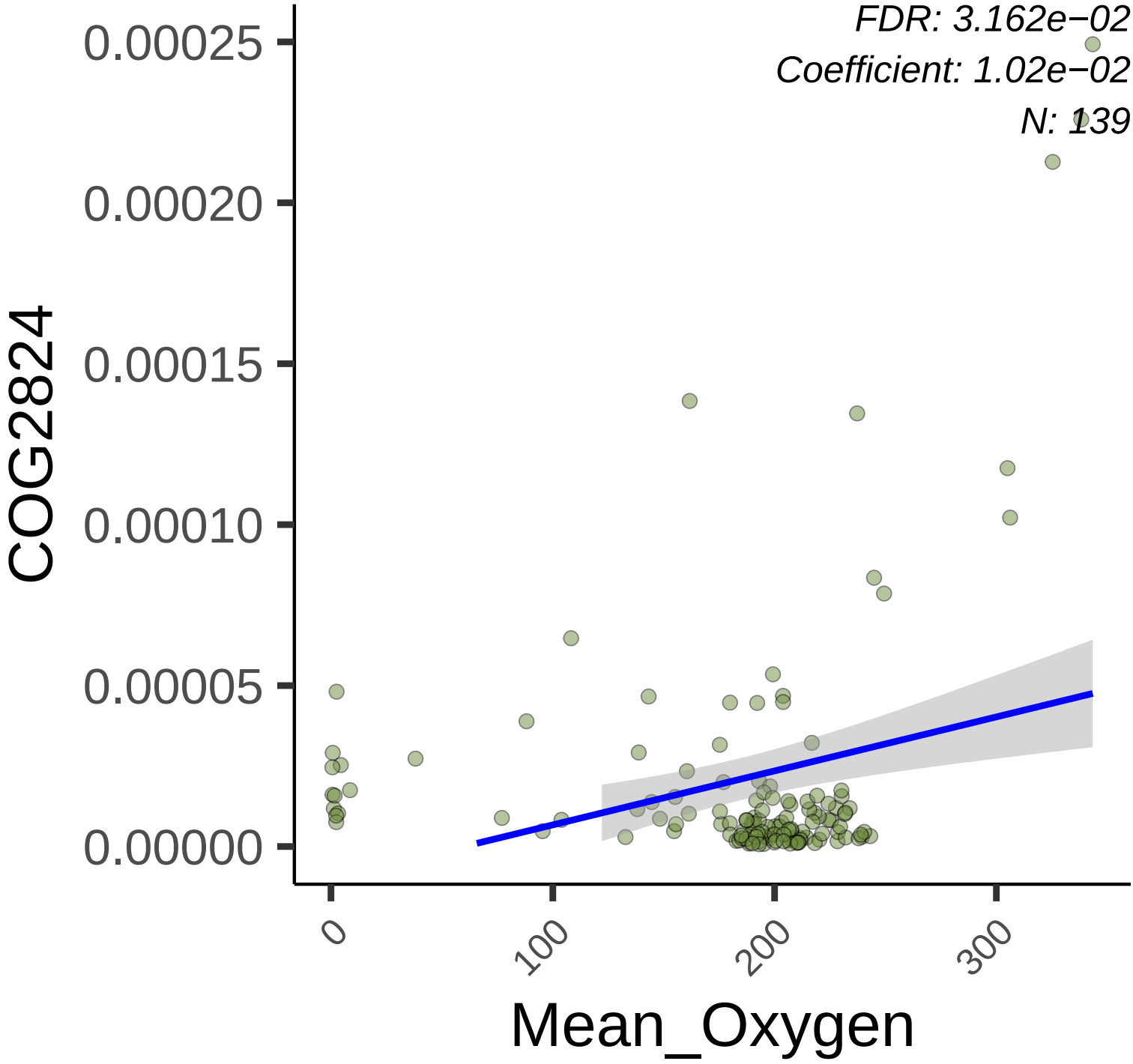
Mean_Oxygen


FDR: 3.162e−02
Coefficient: 1.02e−02
N: 139
COG2824
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200
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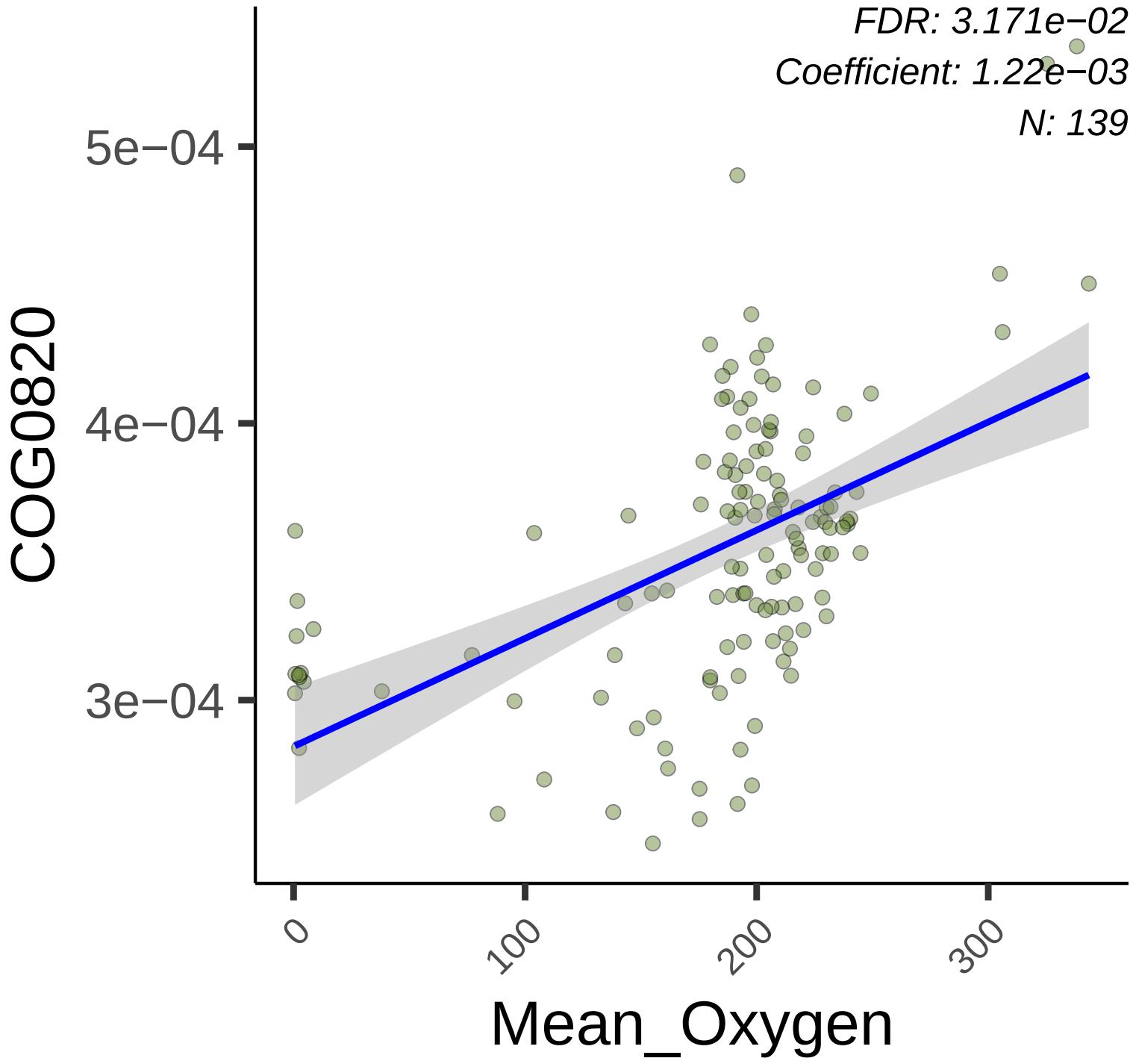
Mean_Oxygen


FDR: 3.171e−02
Coefficient: 1.22e−03
N: 139
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4e−04
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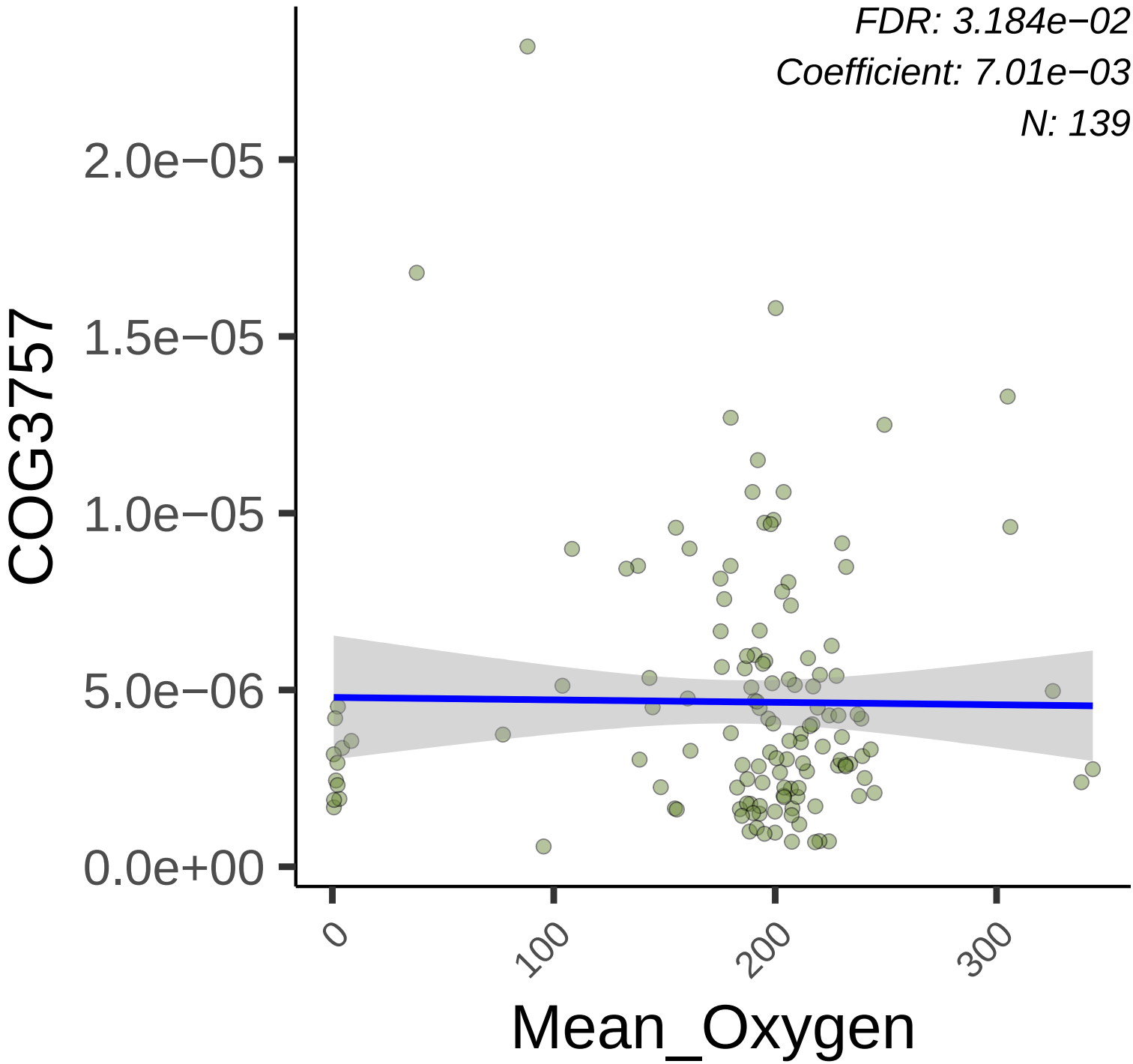
200
300
Mean_Oxygen


FDR: 3.184e−02
Coefficient: 7.01e−03
N: 139
COG3757
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5.0e−06
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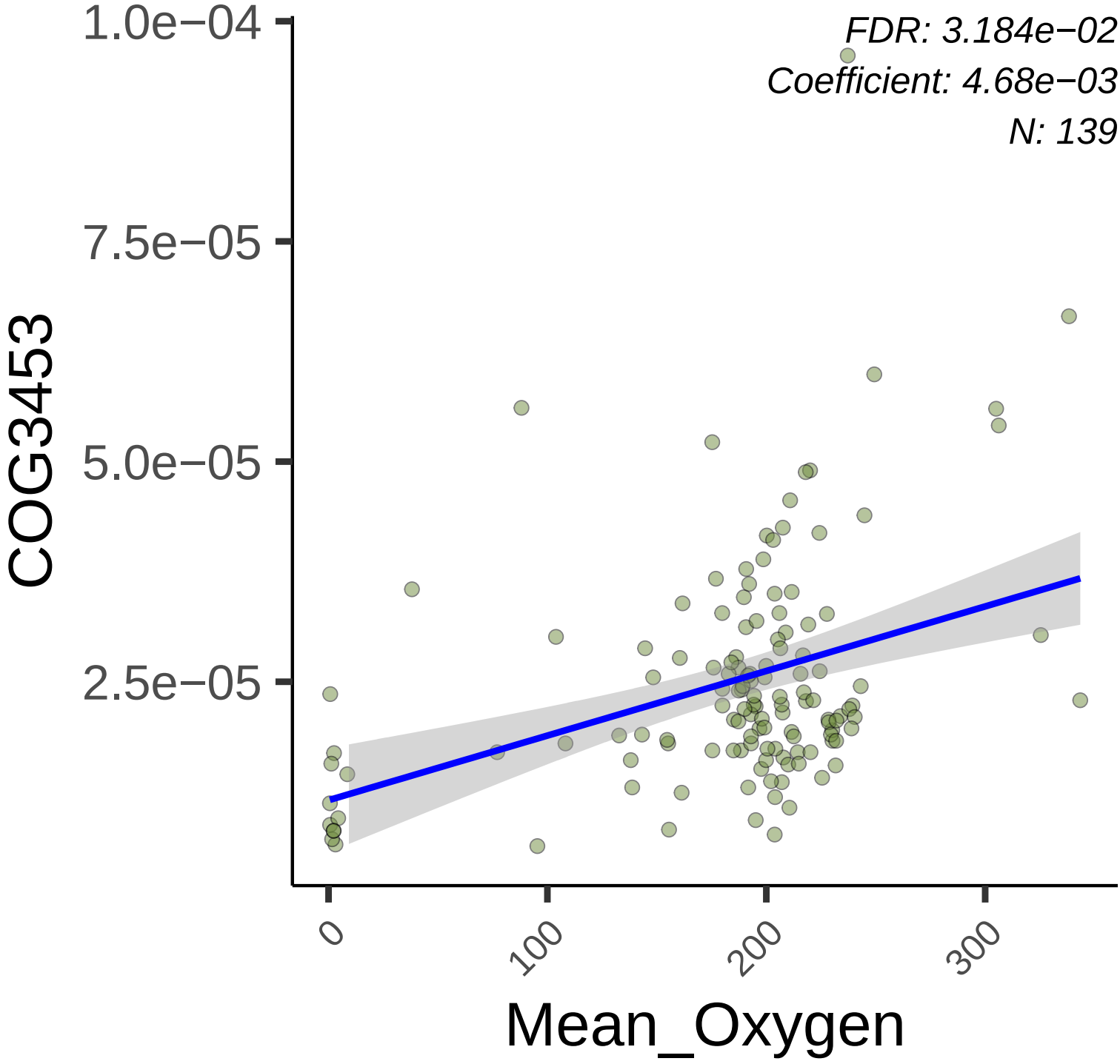
200
300
Mean_Oxygen


FDR: 3.184e−02
Coefficient: 4.68e−03
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COG3453
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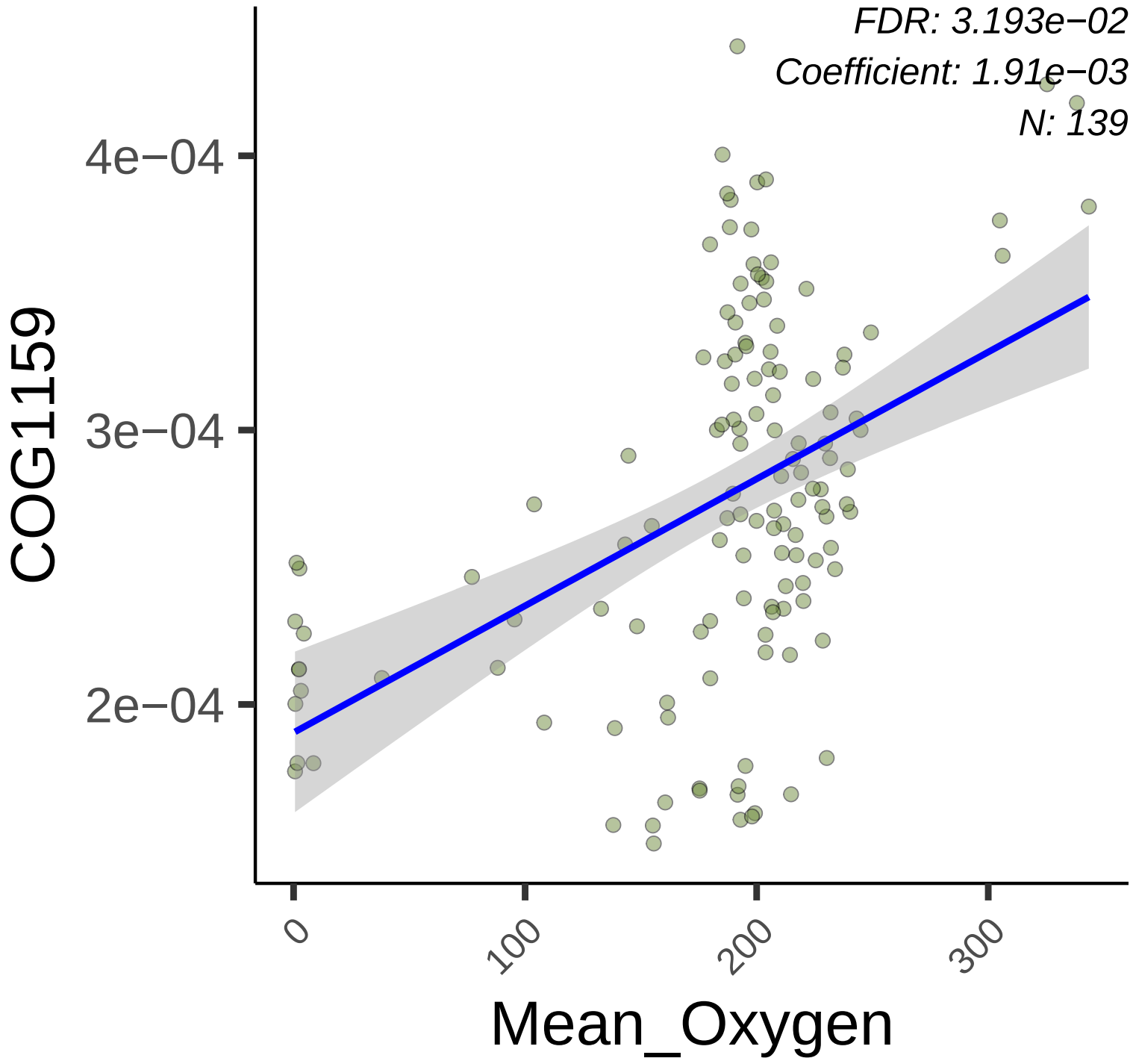
200
300
Mean_Oxygen


FDR: 3.193e−02
Coefficient: 1.91e−03
N: 139
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COG1159
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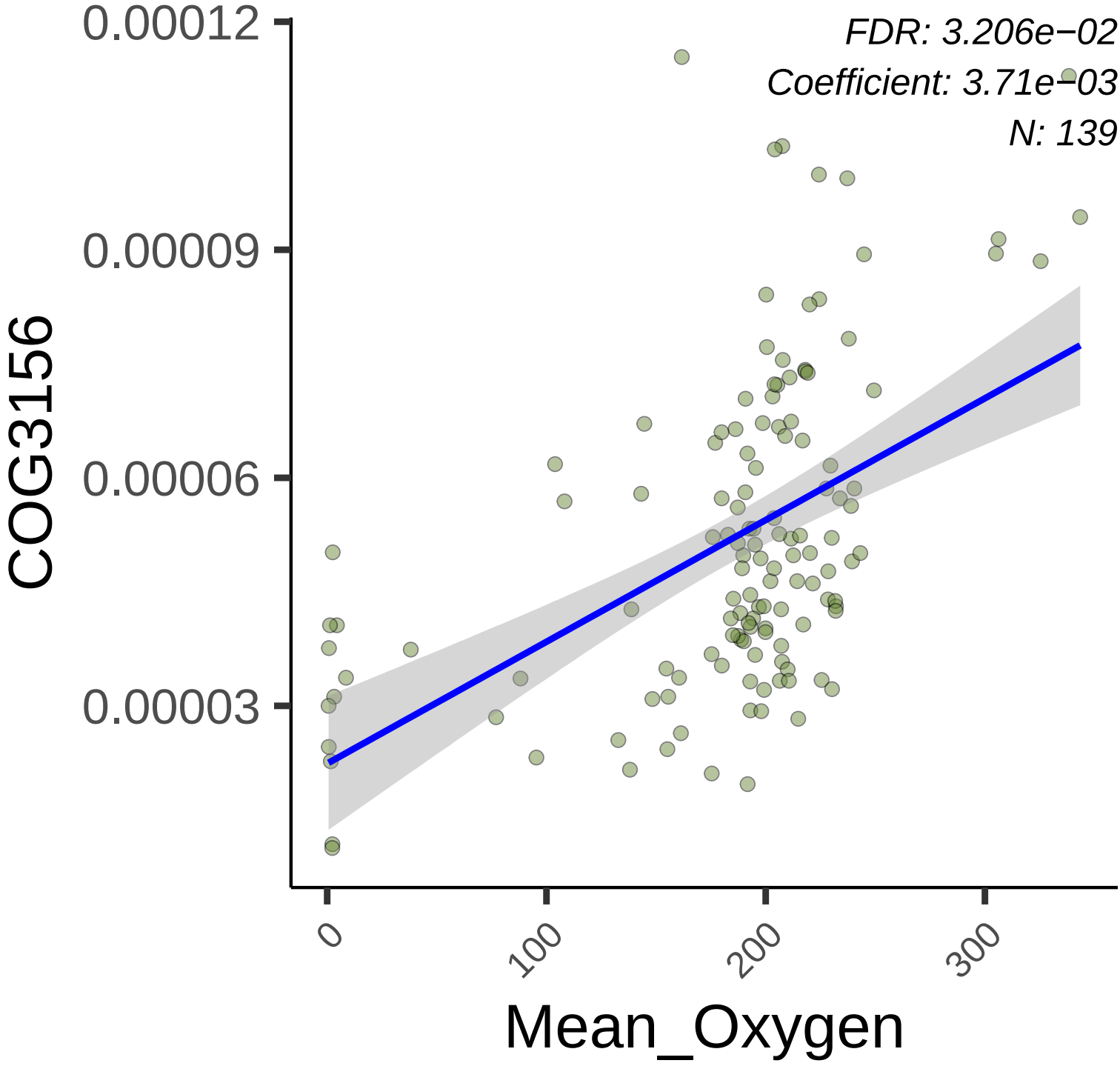
Mean_Oxygen


FDR: 3.206e−02
Coefficient: 3.71e−03
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COG3156
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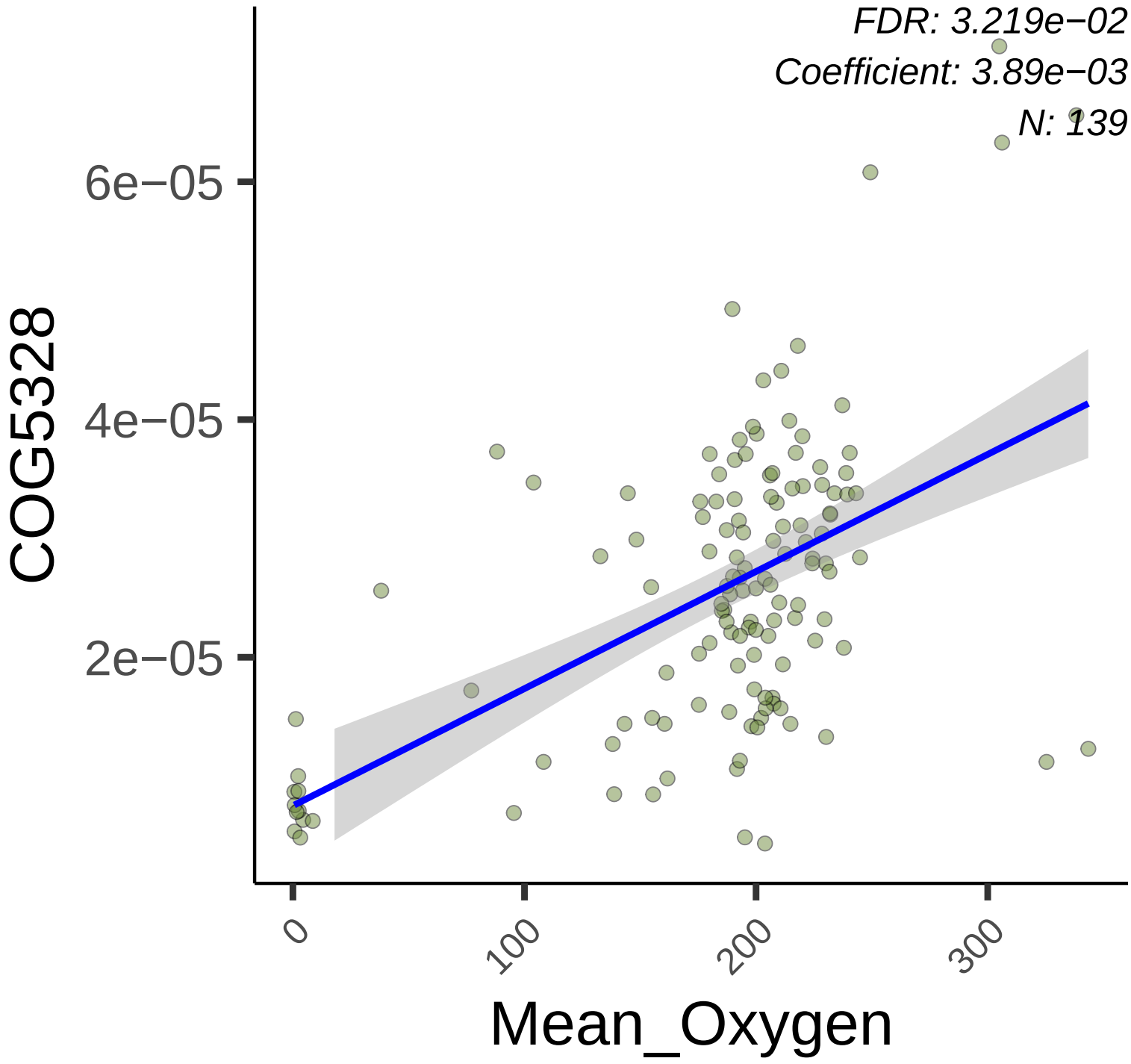
Mean_Oxygen


FDR: 3.219e−02
Coefficient: 3.89e−03
N: 139
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COG5328
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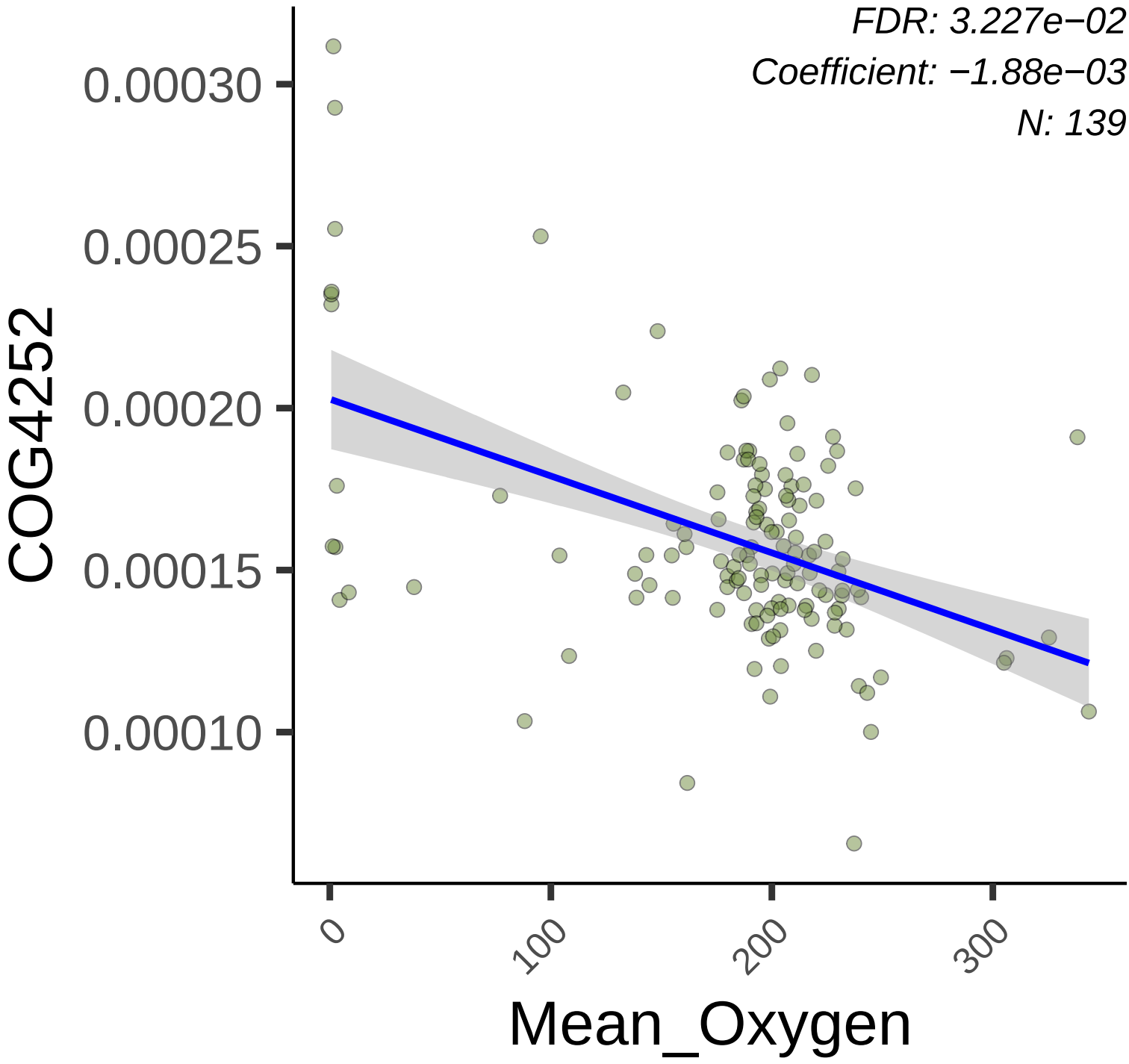
200
300
Mean_Oxygen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Coefficient: −1.88e−03
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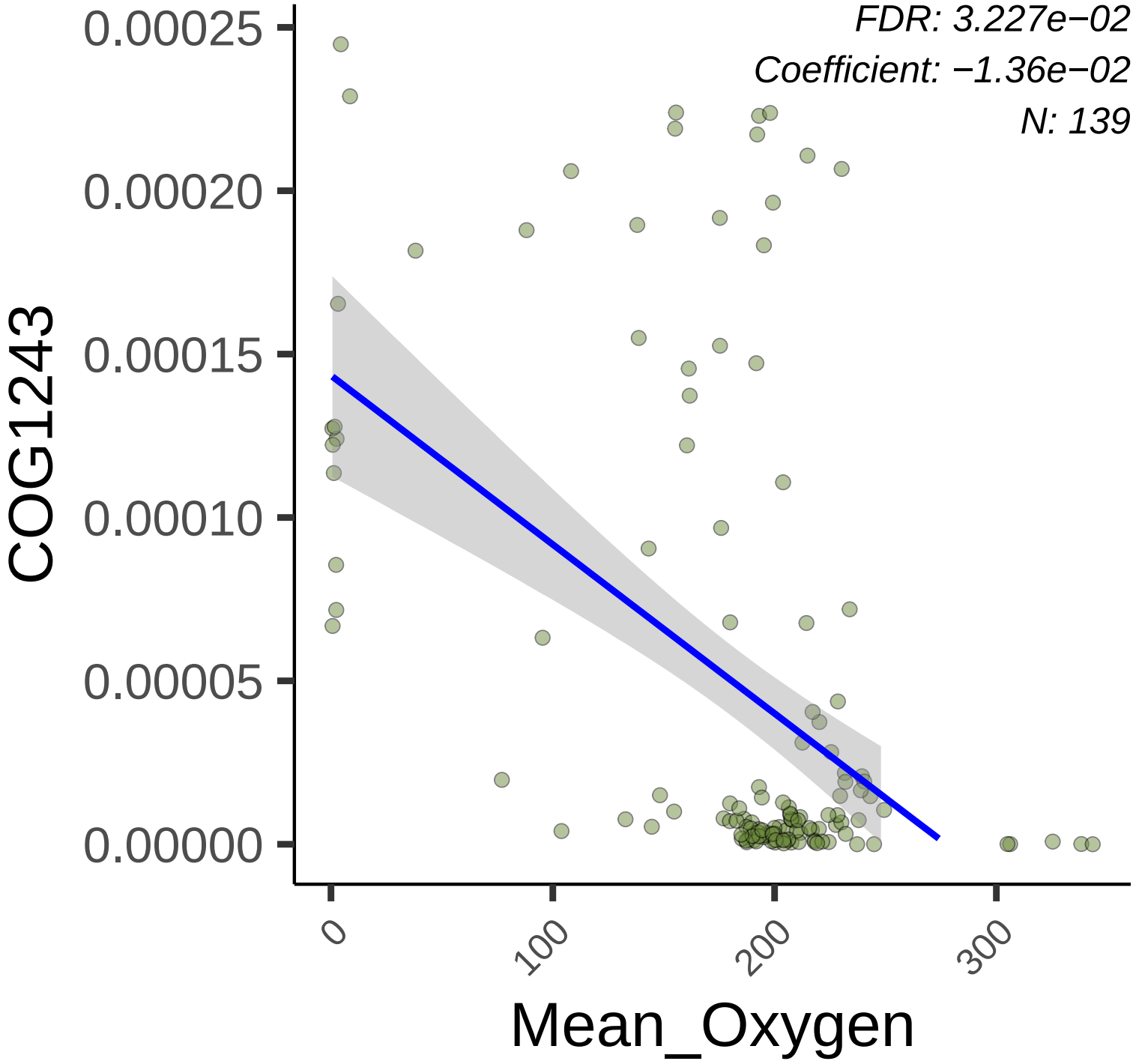
300
Mean_Oxygen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Coefficient: −1.36e−02
N: 139
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0.00000
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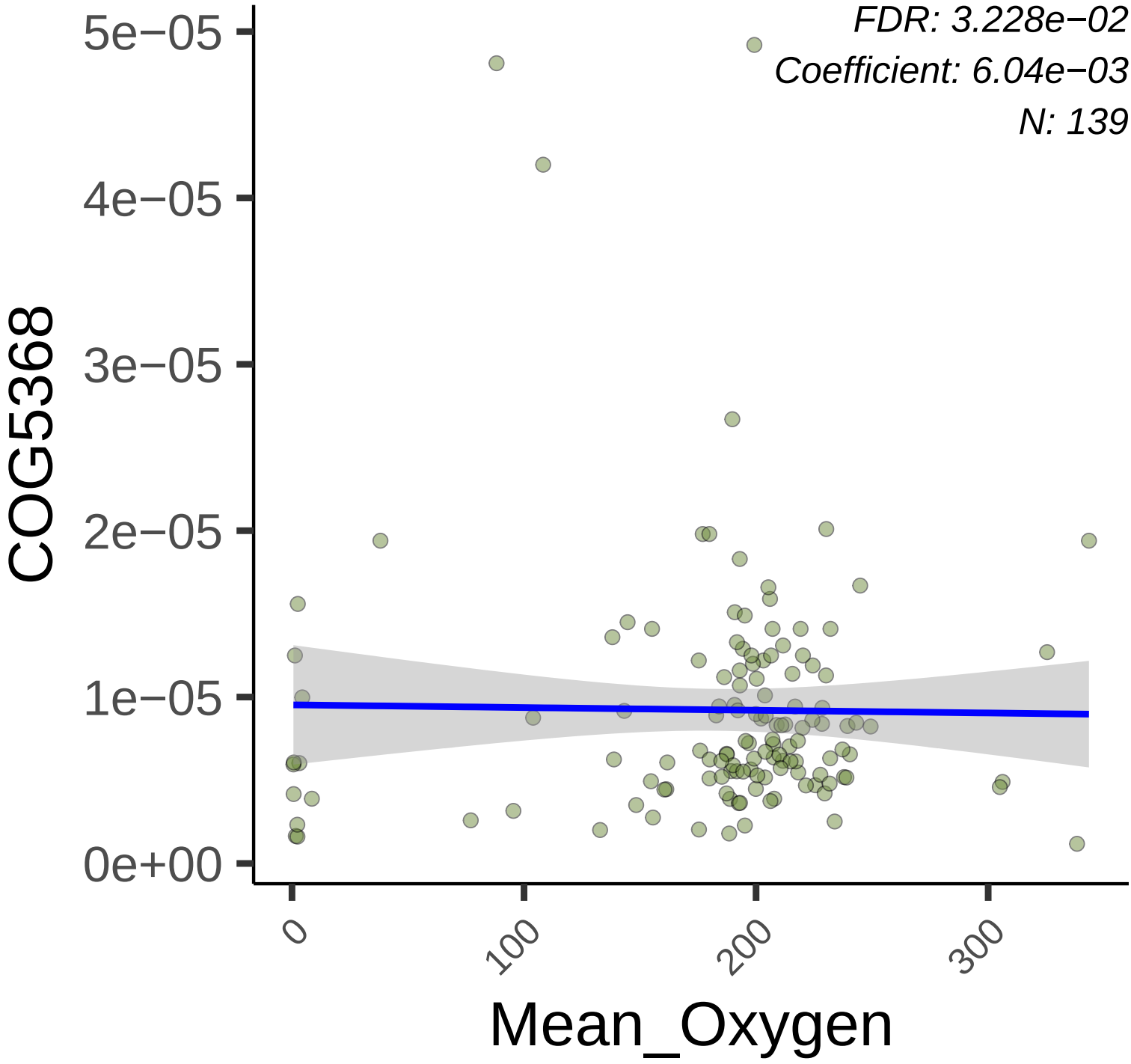
200
300
Mean_Oxygen


FDR: 3.228e−02
Coefficient: 6.04e−03
N: 139
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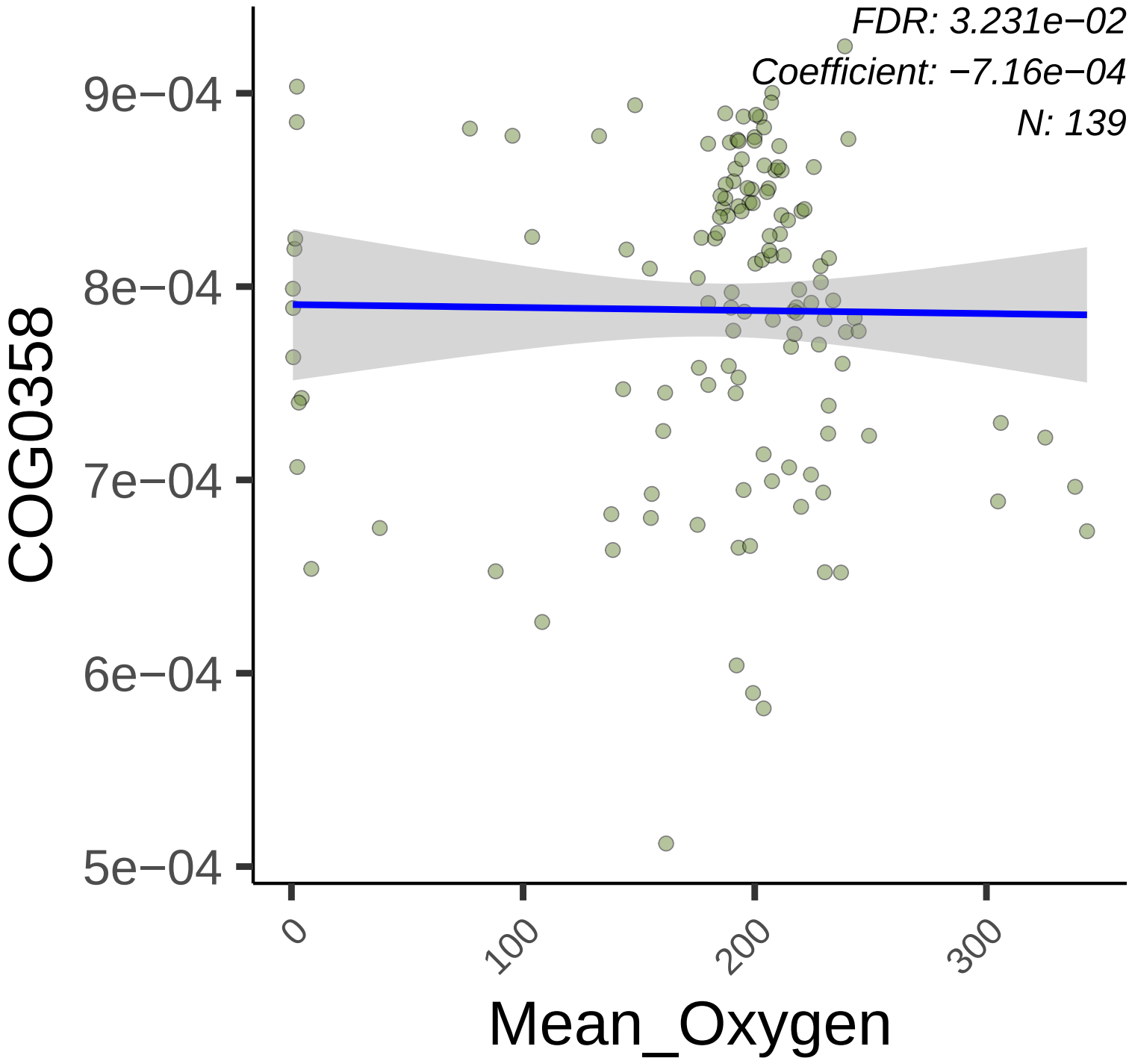
Mean_Oxygen


FDR: 3.231e−02
Coefficient: −7.16e−04
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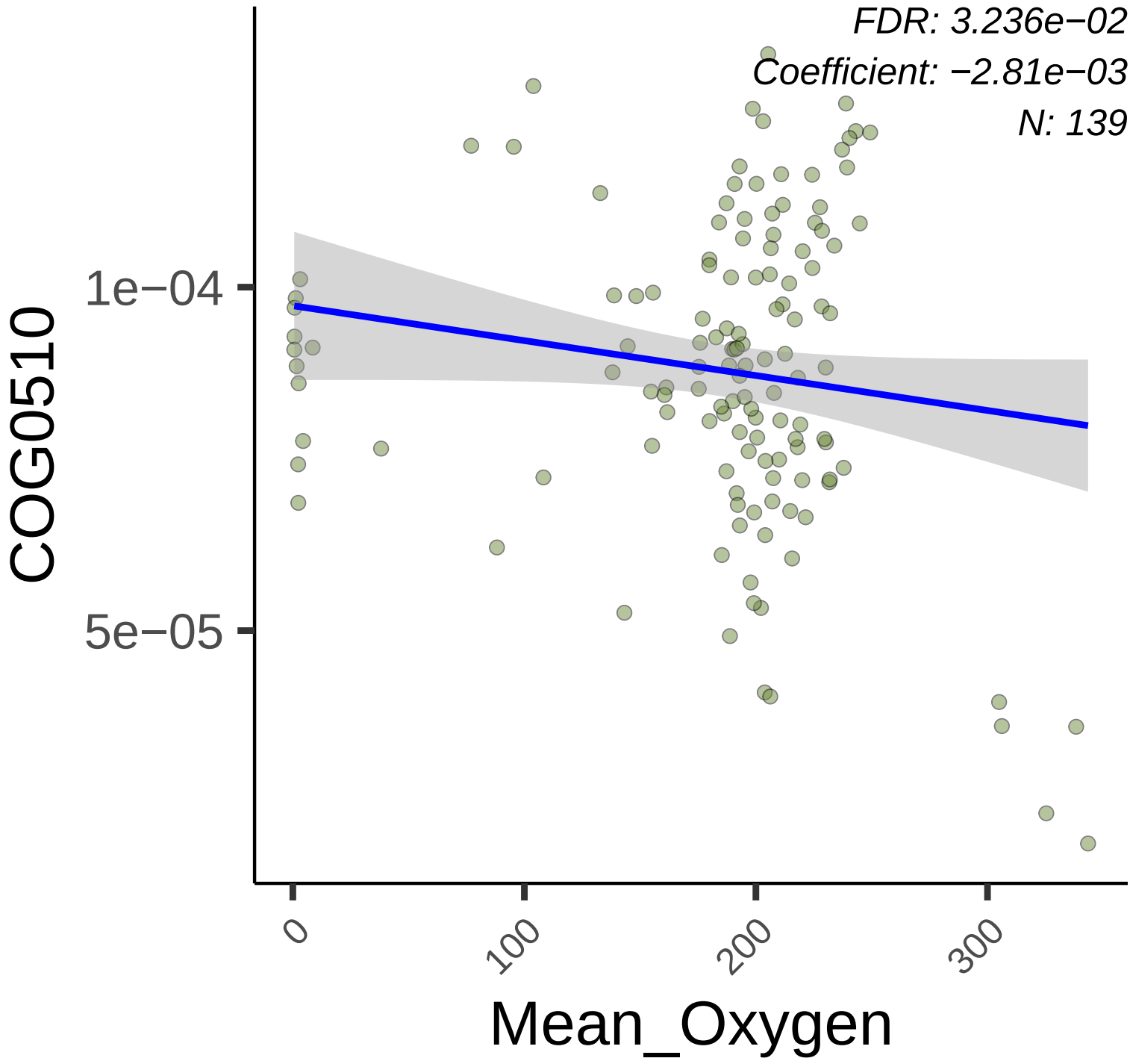
300
Mean_Oxygen


FDR: 3.236e−02
Coefficient: −2.81e−03
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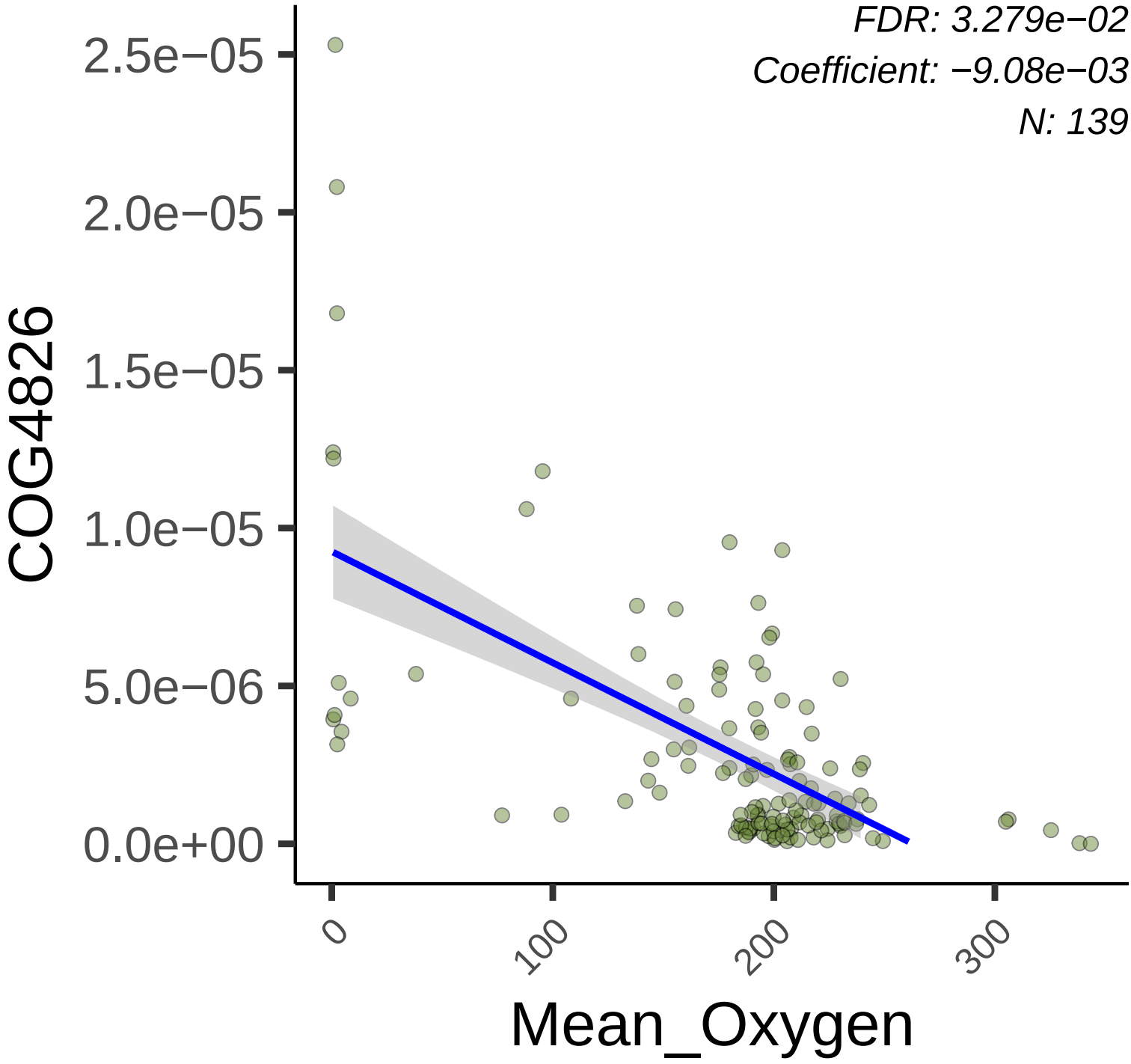
Mean_Oxygen


FDR: 3.279e−02
Coefficient: −9.08e−03
N: 139
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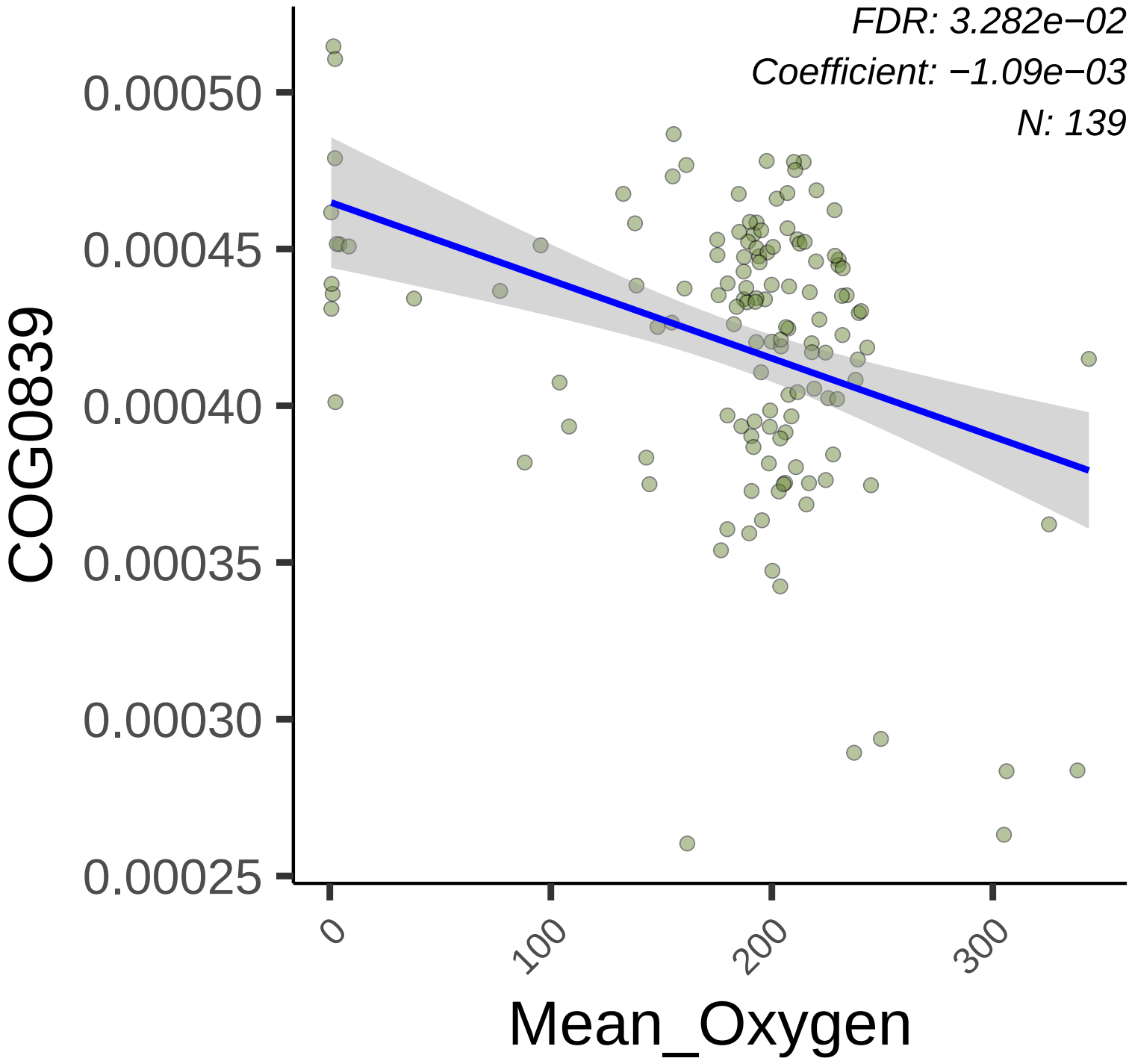
300
Mean_Oxygen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Coefficient: −1.09e−03
N: 139
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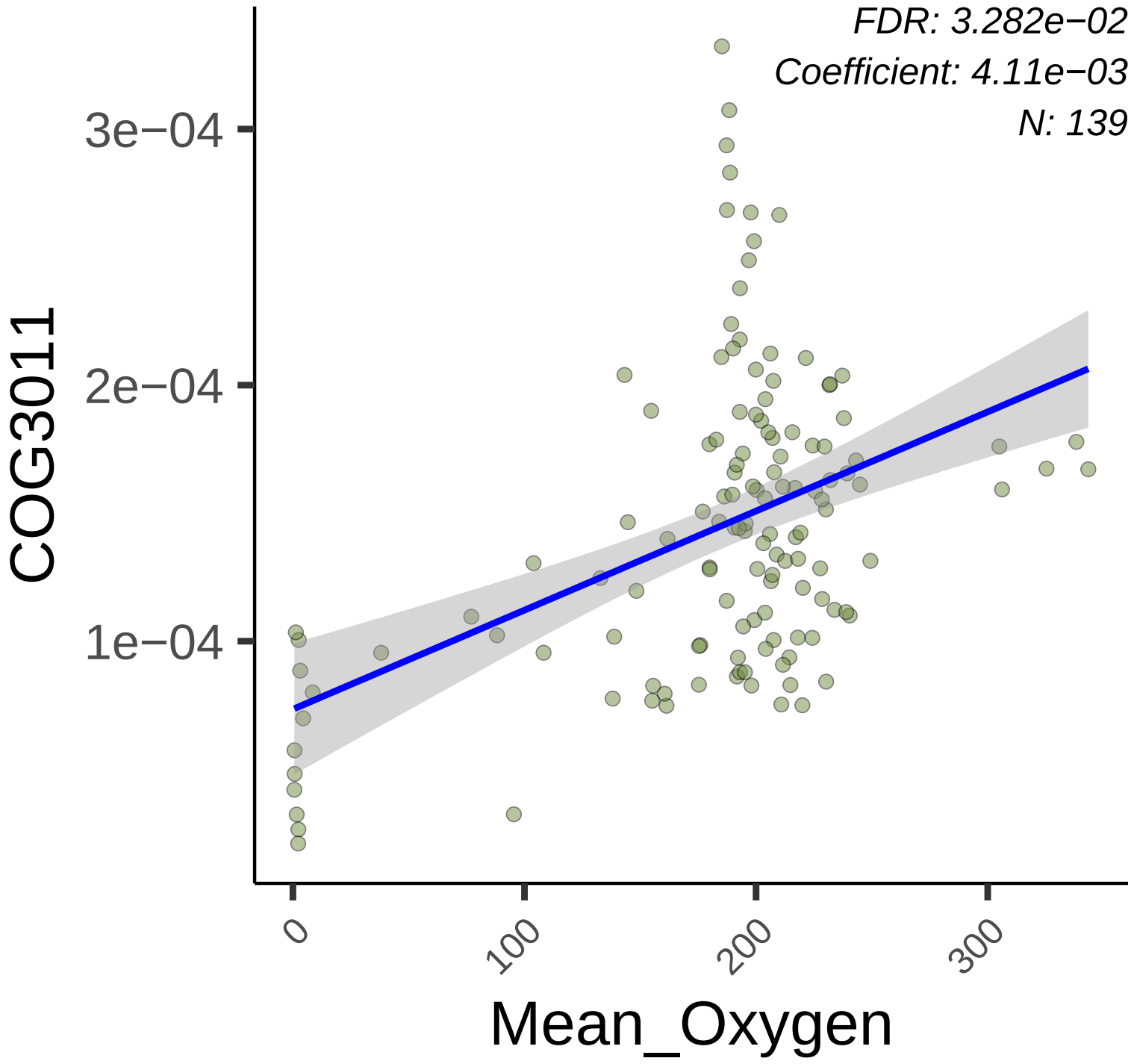
300
Mean_Oxygen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Coefficient: 4.11e−03
N: 139
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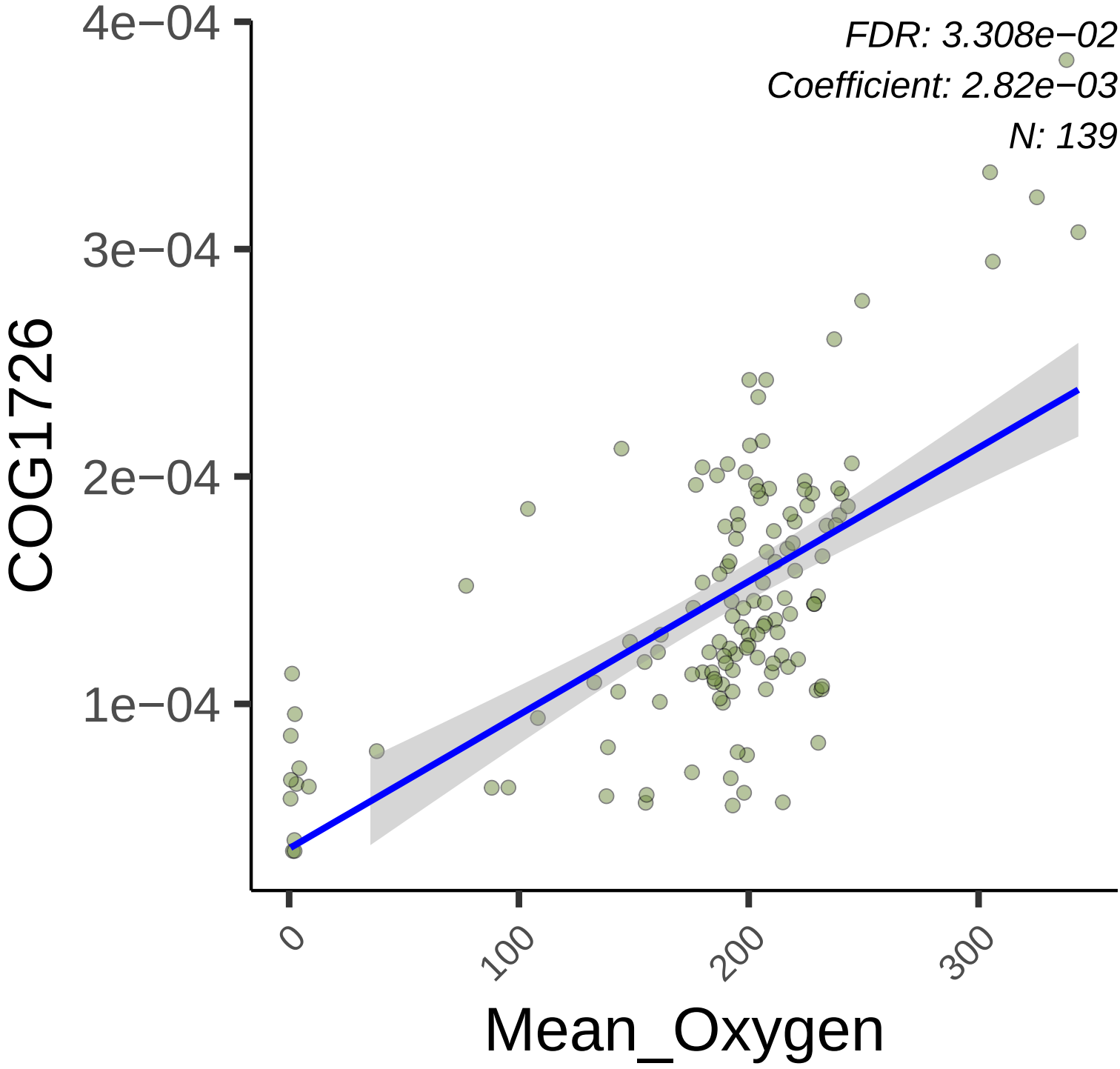
Mean_Oxygen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Coefficient: 2.82e−03
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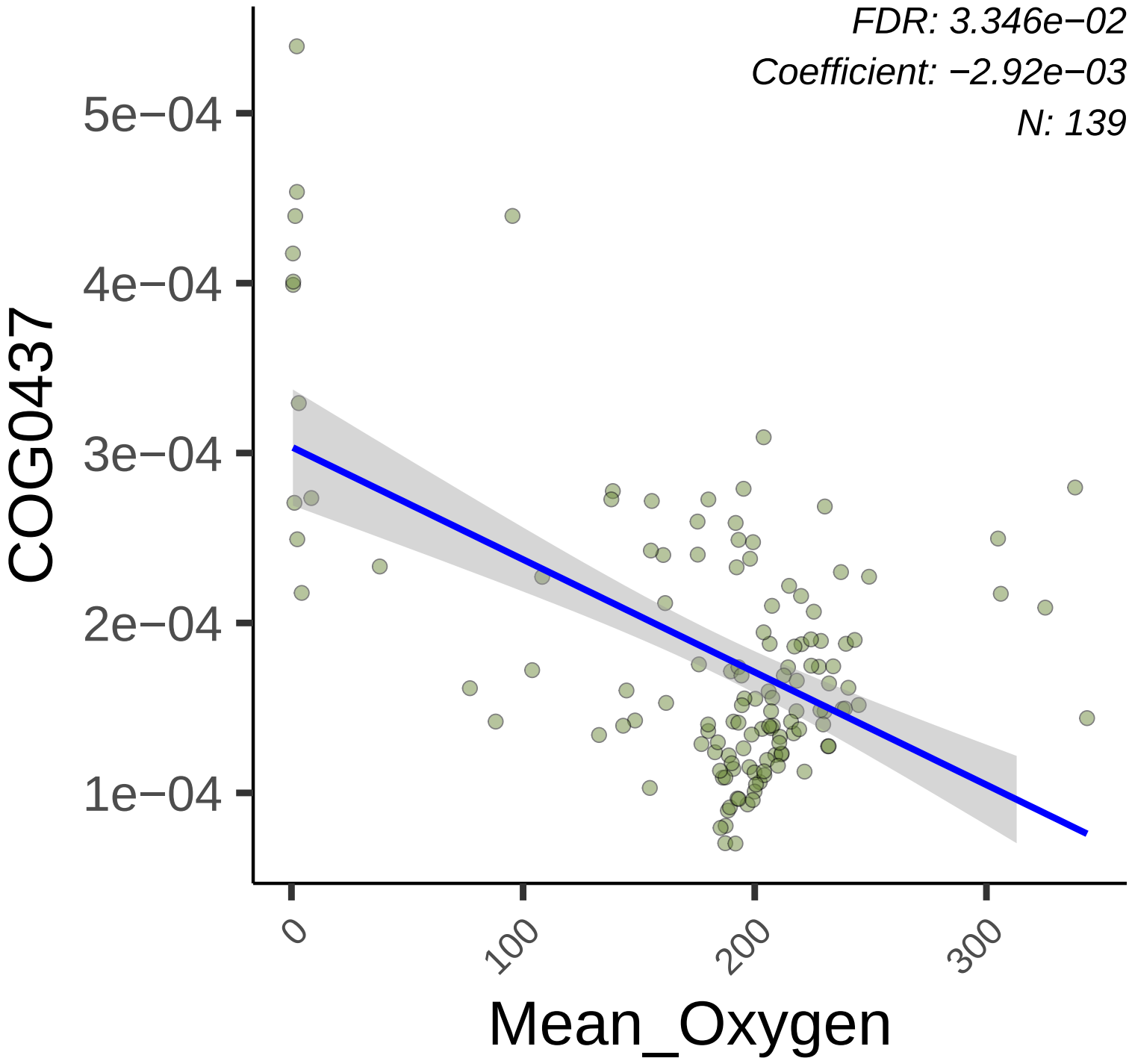
Mean_Oxygen


FDR: 3.346e−02
Coefficient: −2.92e−03
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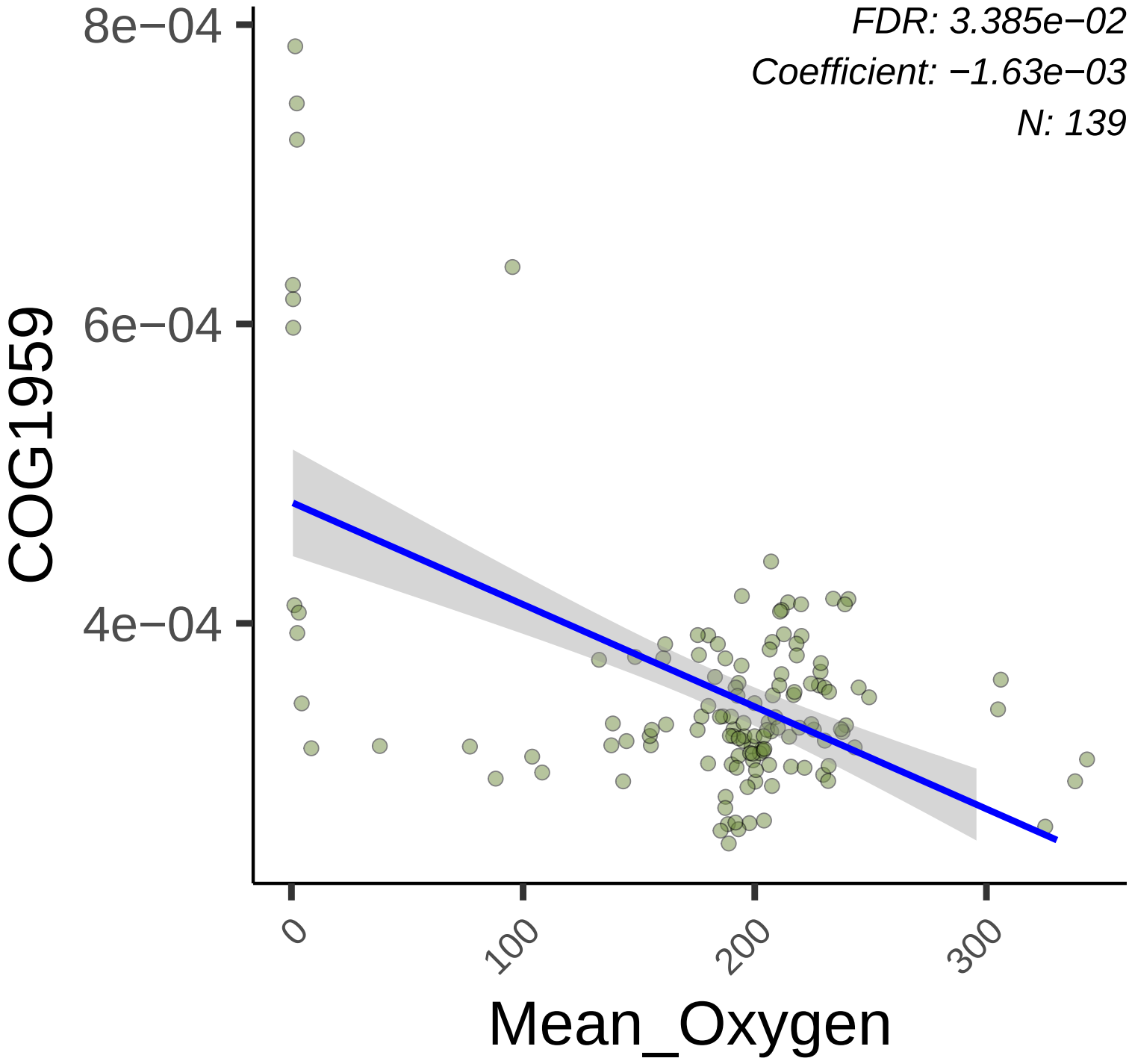
Mean_Oxygen


FDR: 3.385e−02
Coefficient: −1.63e−03
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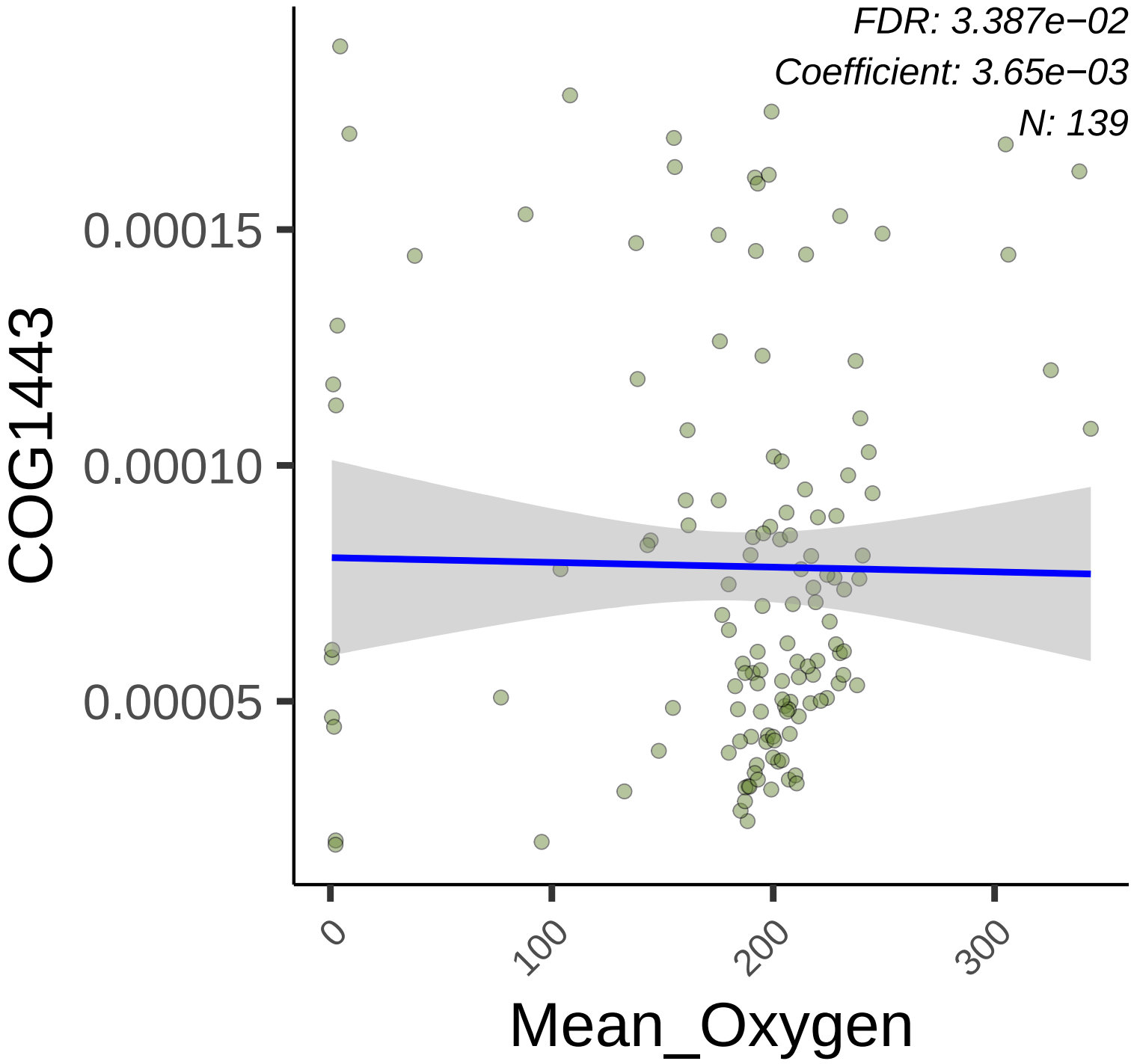
200
300
Mean_Oxygen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Coefficient: 3.65e−03
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200
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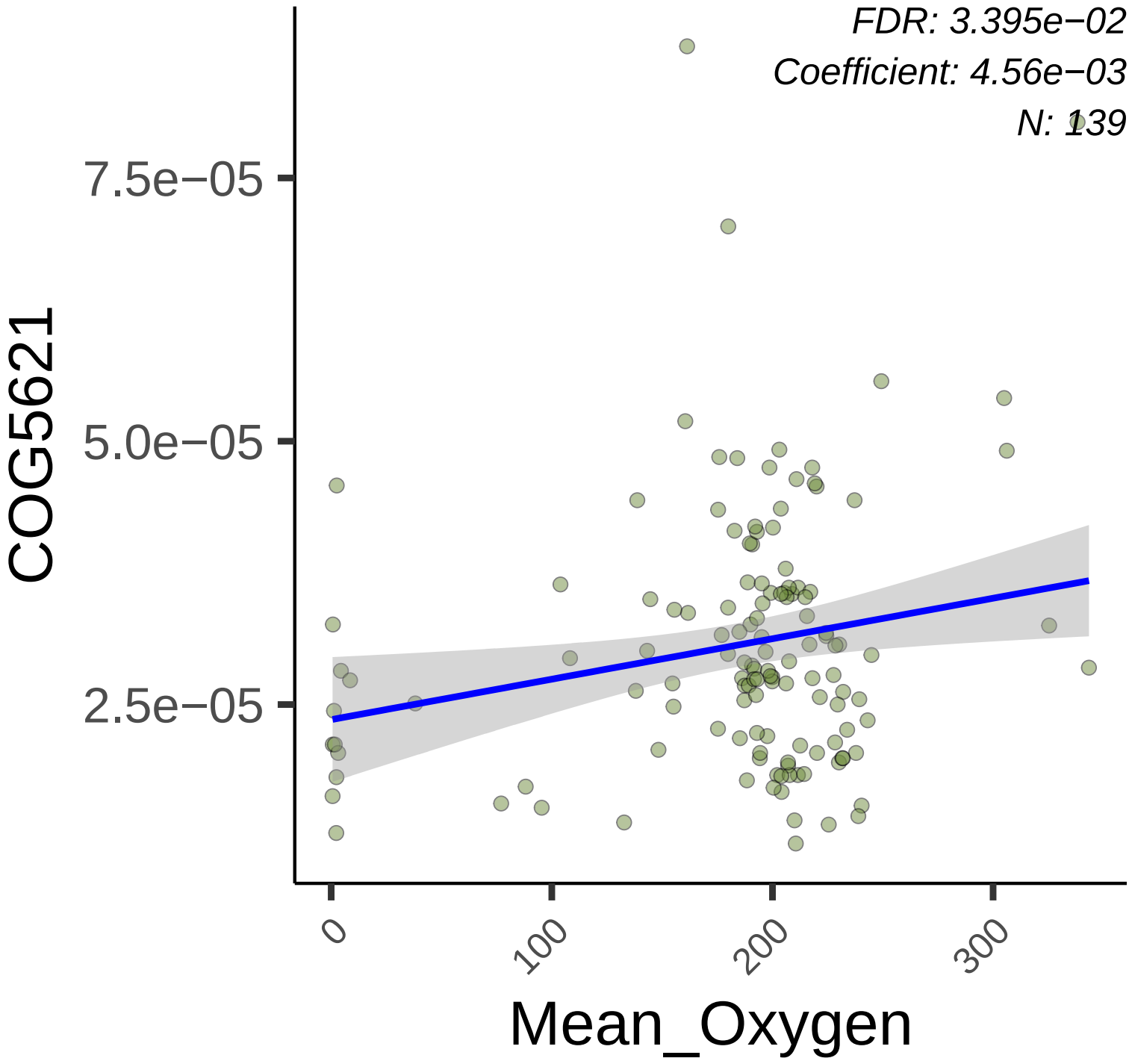
Mean_Oxygen


FDR: 3.395e−02
Coefficient: 4.56e−03
N: 139
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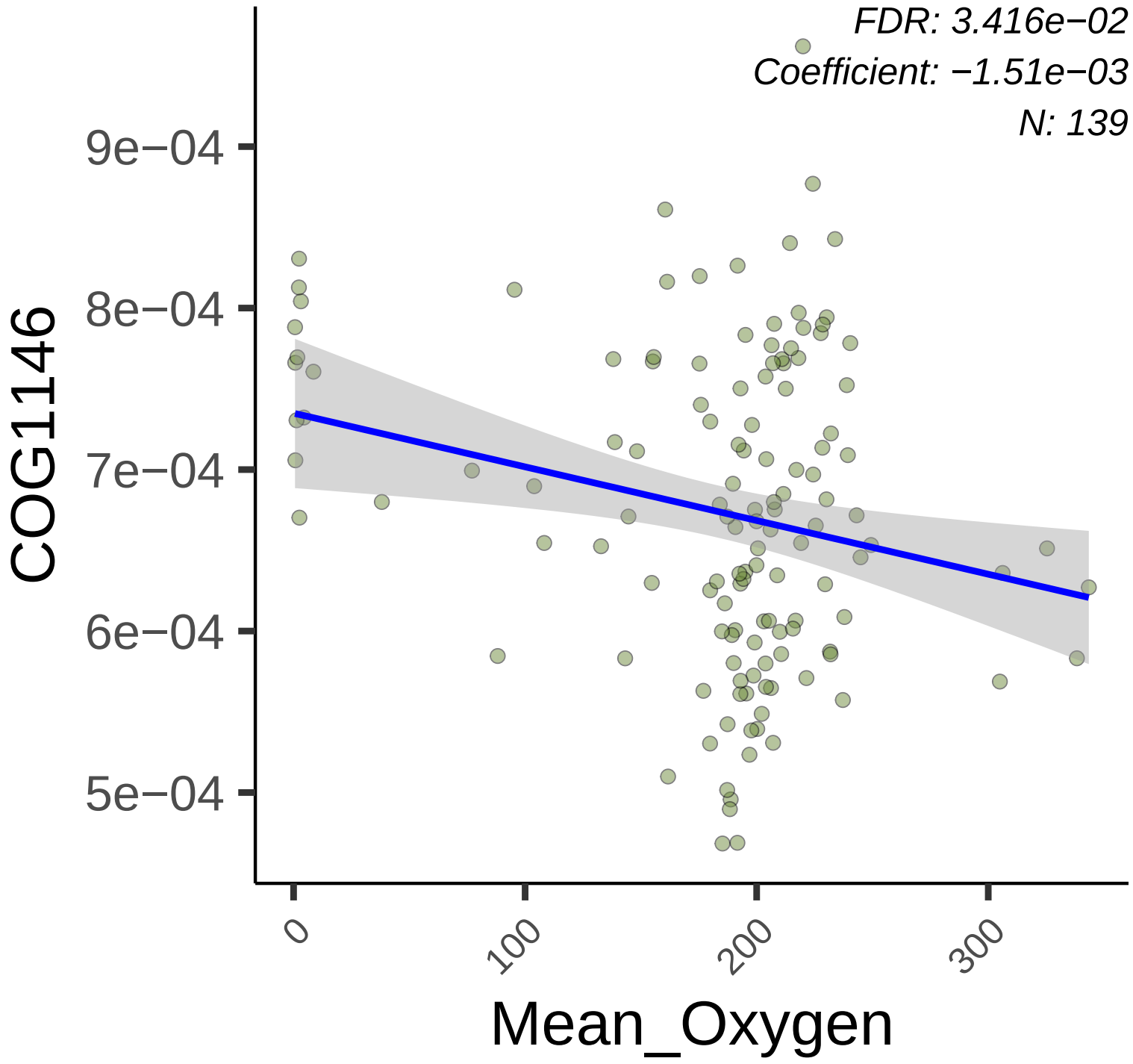
200
300
Mean_Oxygen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Coefficient: −1.51e−03
N: 139
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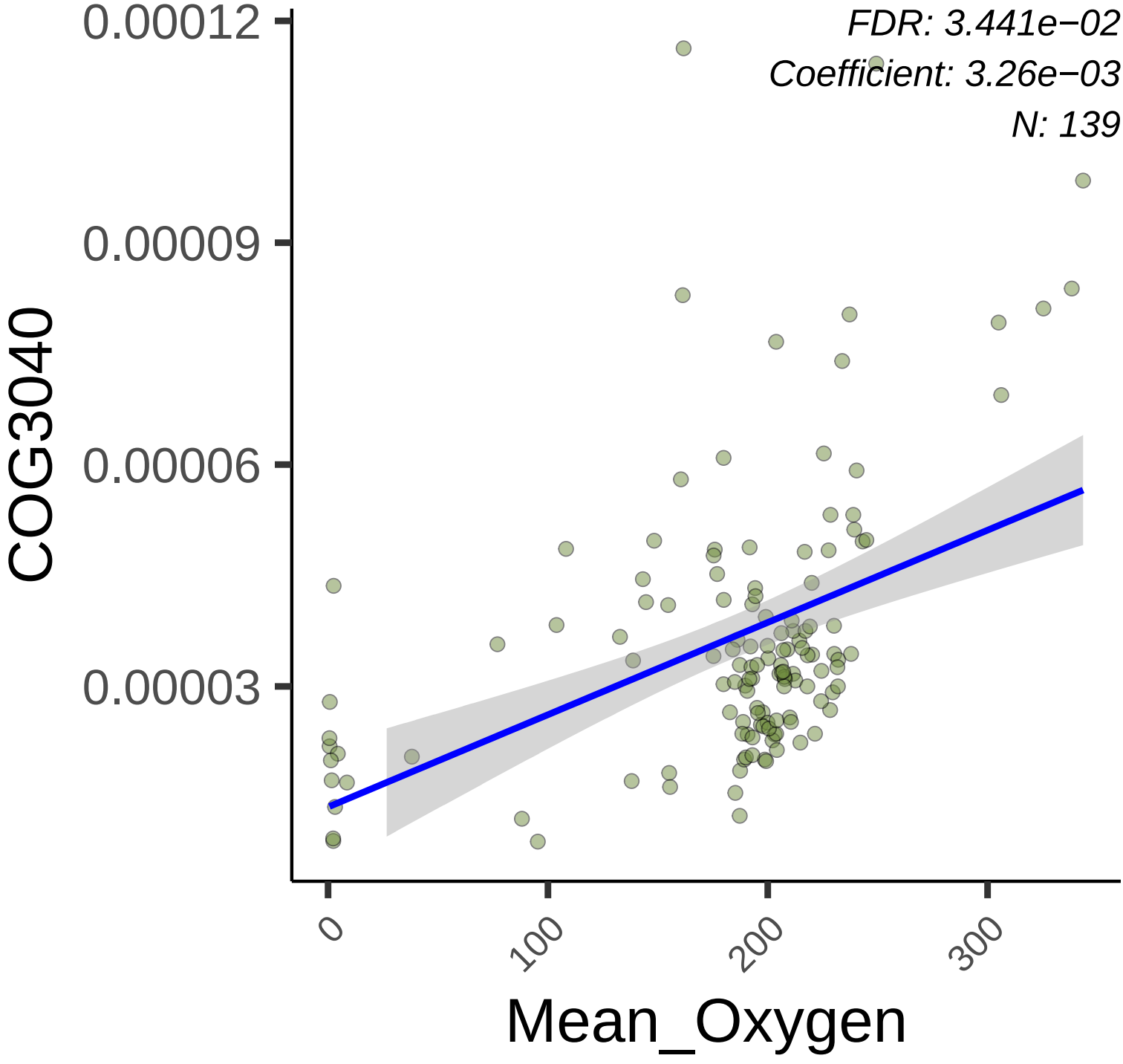
300
Mean_Oxygen


FDR: 3.441e−02
Coefficient: 3.26e−03
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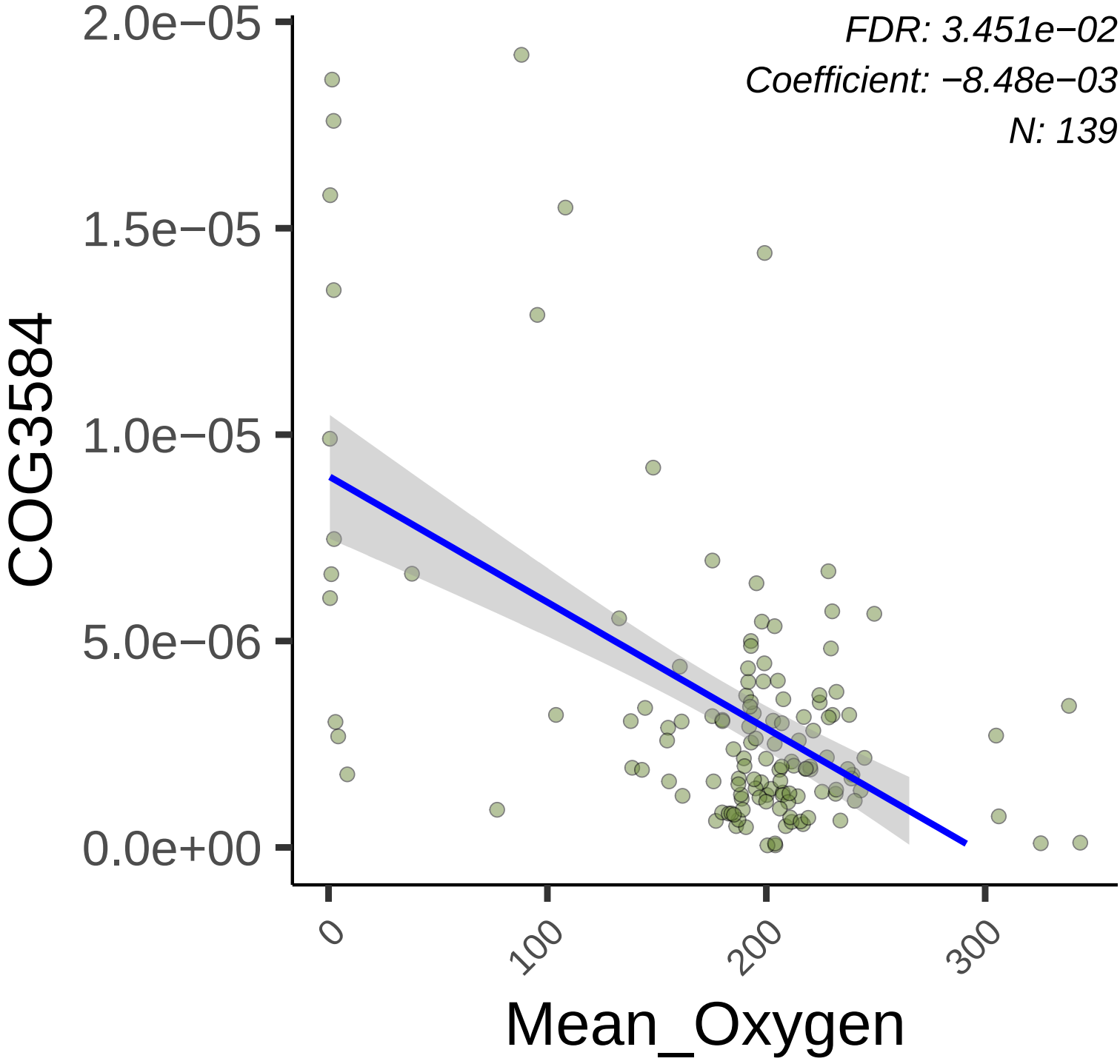
Mean_Oxygen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Coefficient: −8.48e−03
N: 139
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1.5e−05
1.0e−05
5.0e−06
0.0e+00
COG3584
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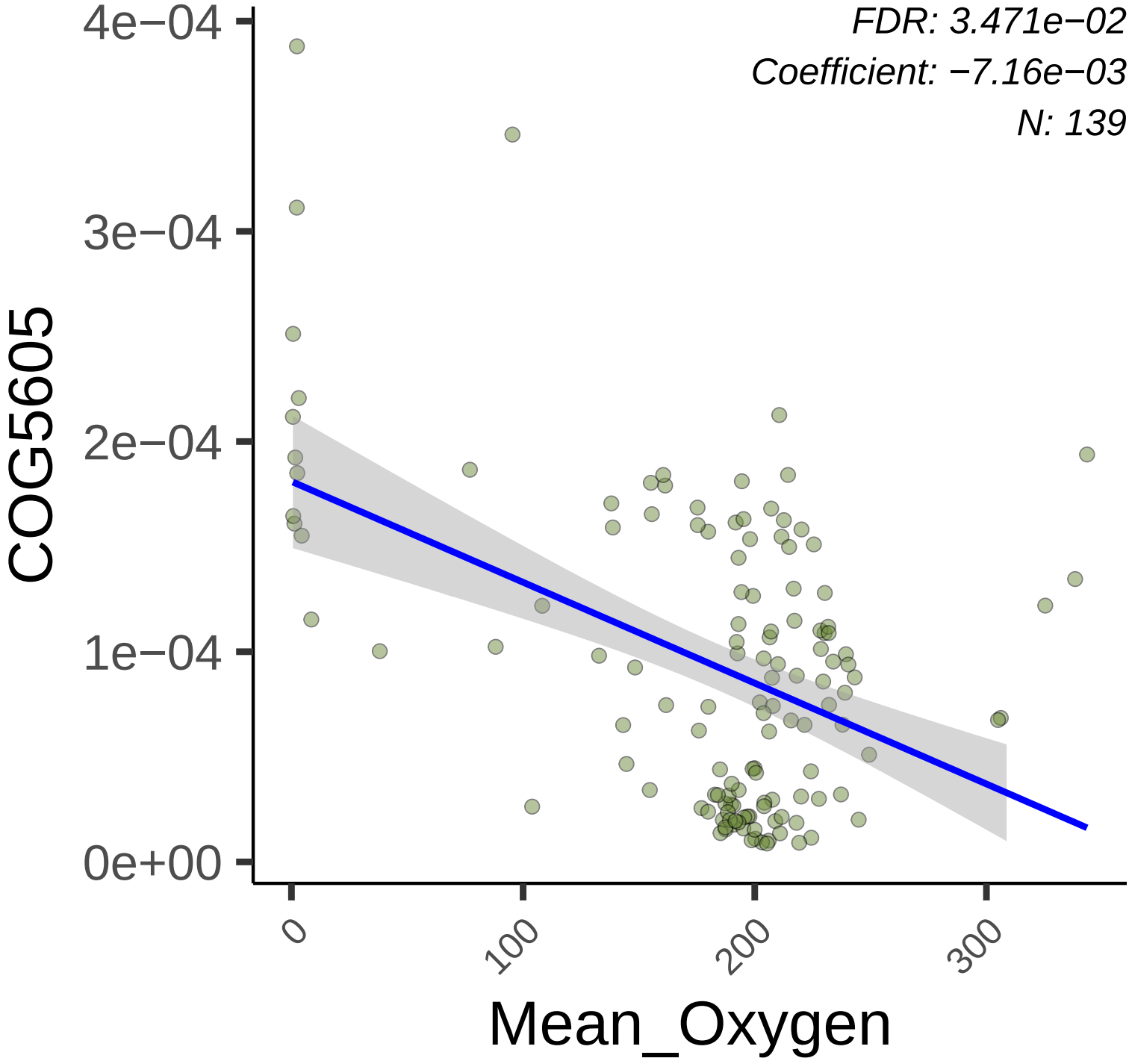
100
200
300
Mean_Oxygen


FDR: 3.471e−02
Coefficient: −7.16e−03
N: 139
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0e+00
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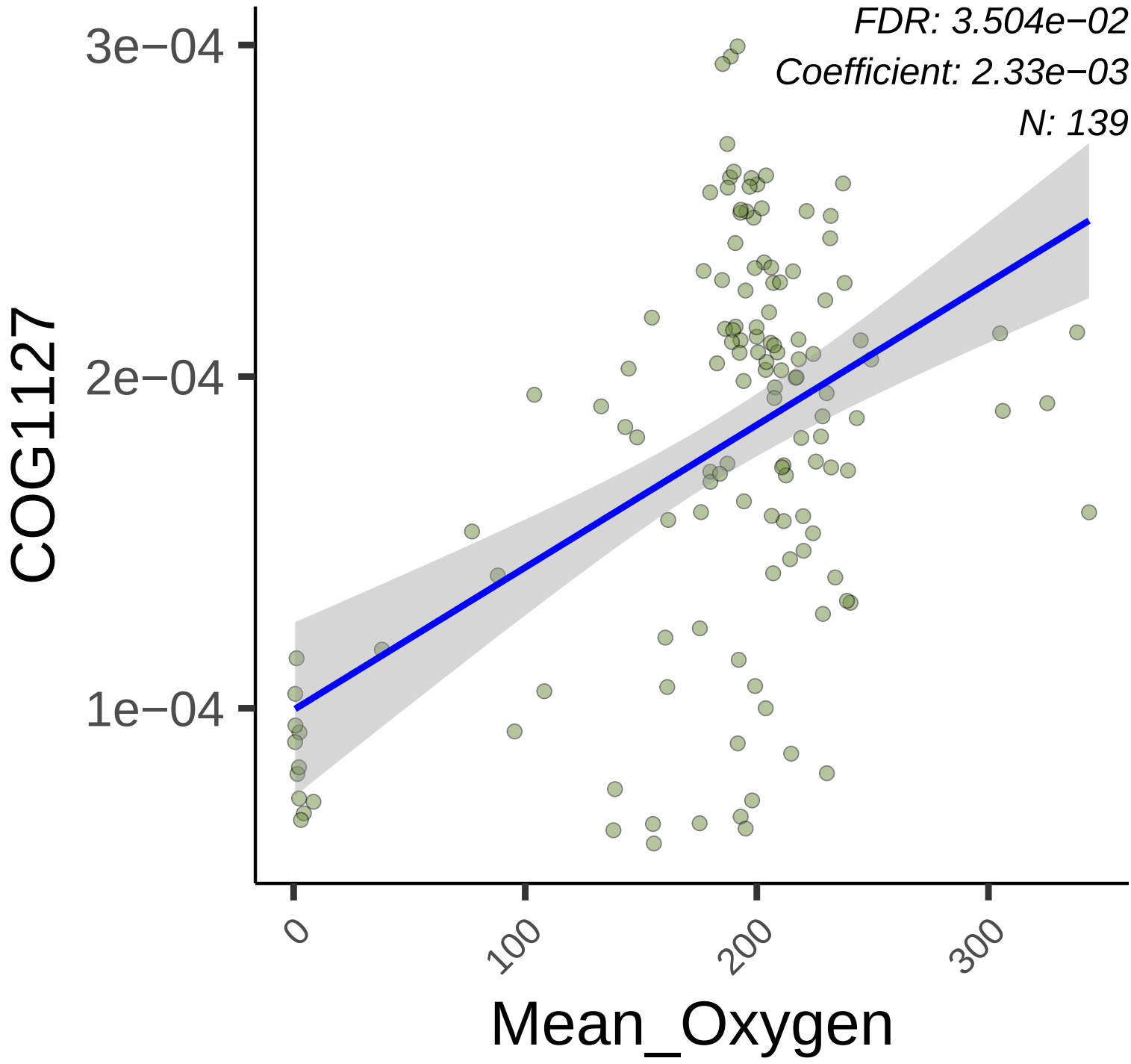
Mean_Oxygen


FDR: 3.504e−02
Coefficient: 2.33e−03
N: 139
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COG1127
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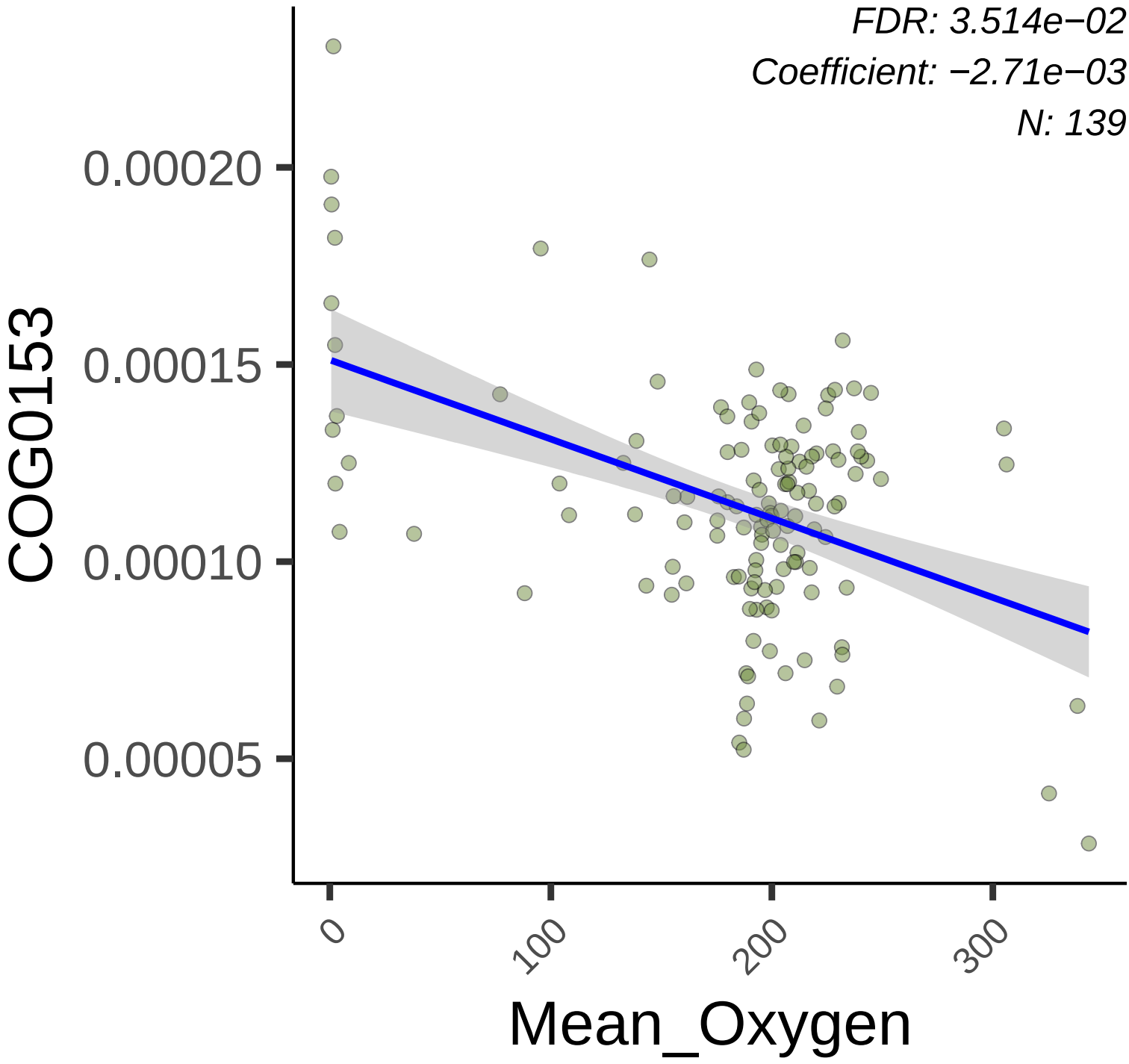
Mean_Oxygen


FDR: 3.514e−02
Coefficient: −2.71e−03
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COG0153
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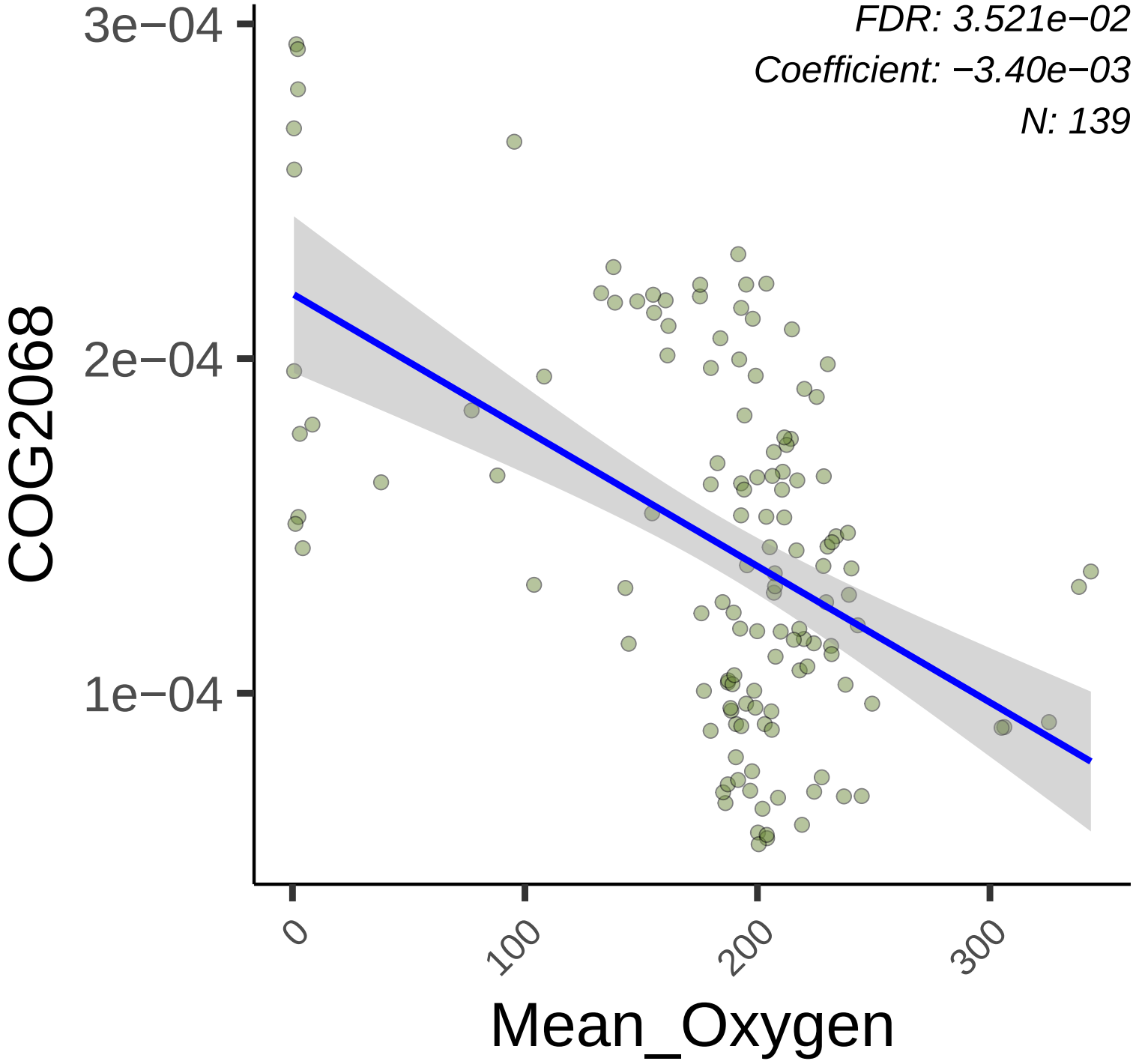
Mean_Oxygen


FDR: 3.521e−02
Coefficient: −3.40e−03
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COG2068
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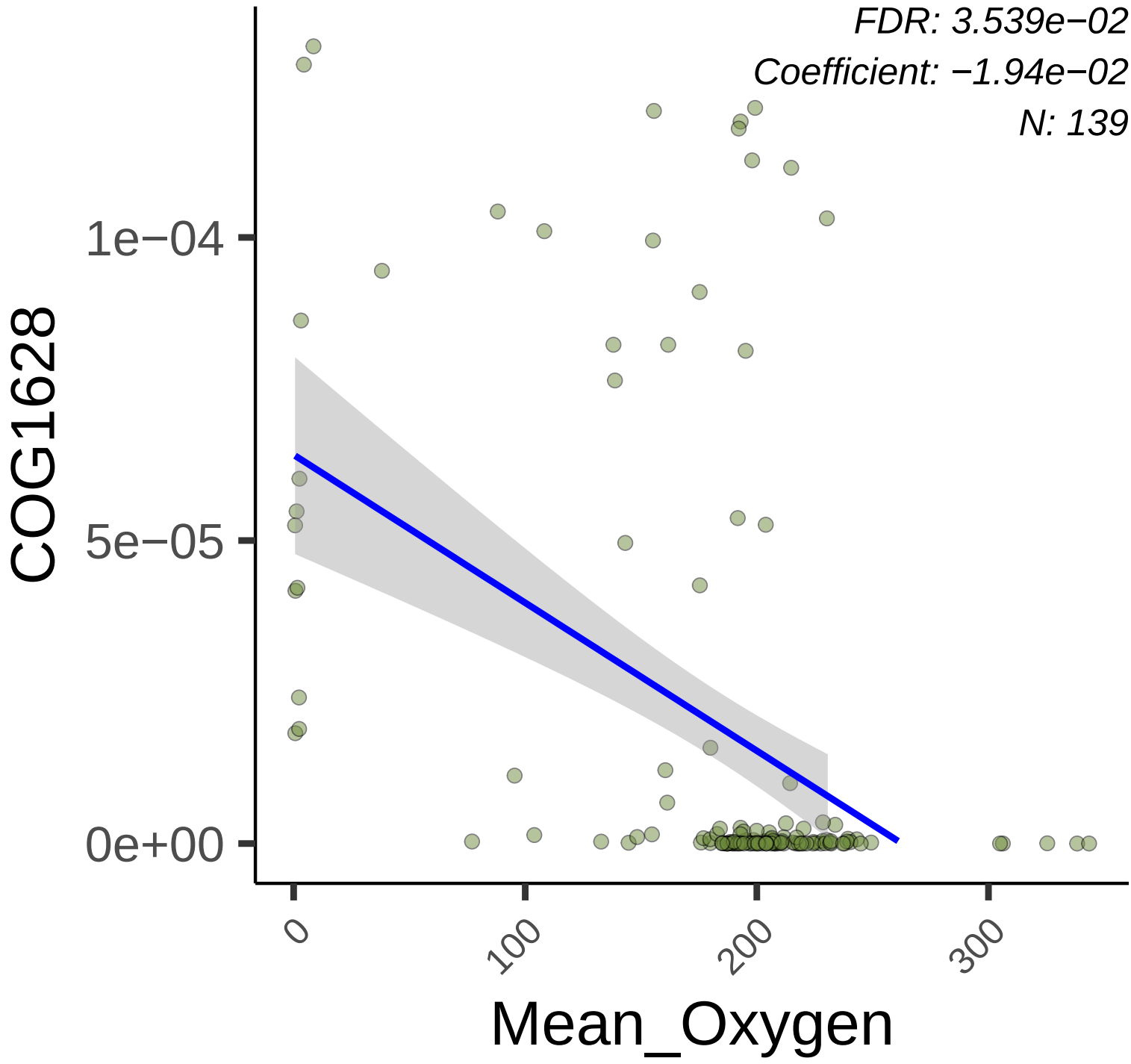
Mean_Oxygen


FDR: 3.539e−02
Coefficient: −1.94e−02
N: 139
COG1628
1e−04
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0e+00
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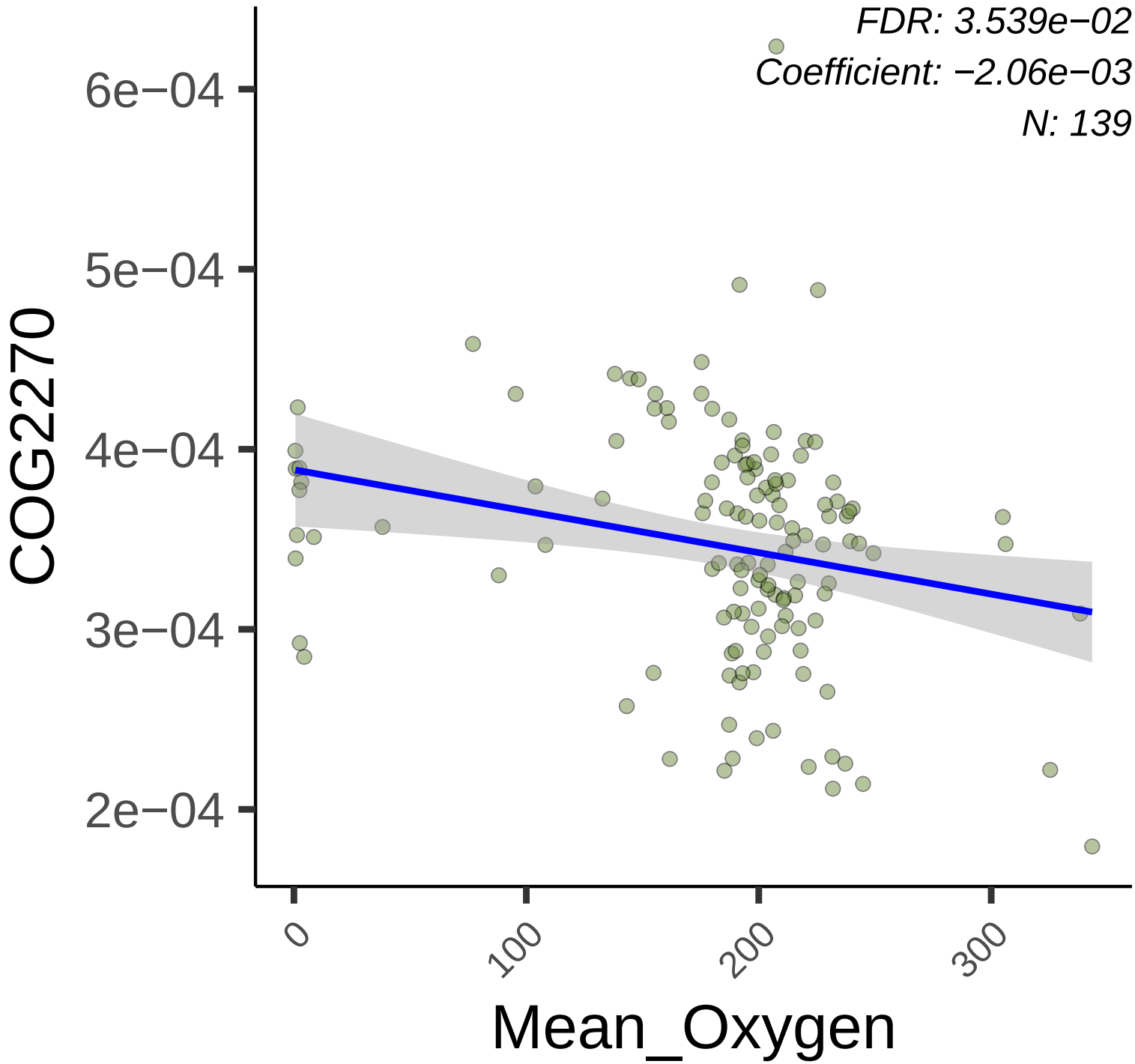
300
Mean_Oxygen


FDR: 3.539e−02
Coefficient: −2.06e−03
N: 139
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5e−04
4e−04
3e−04
2e−04
COG2270
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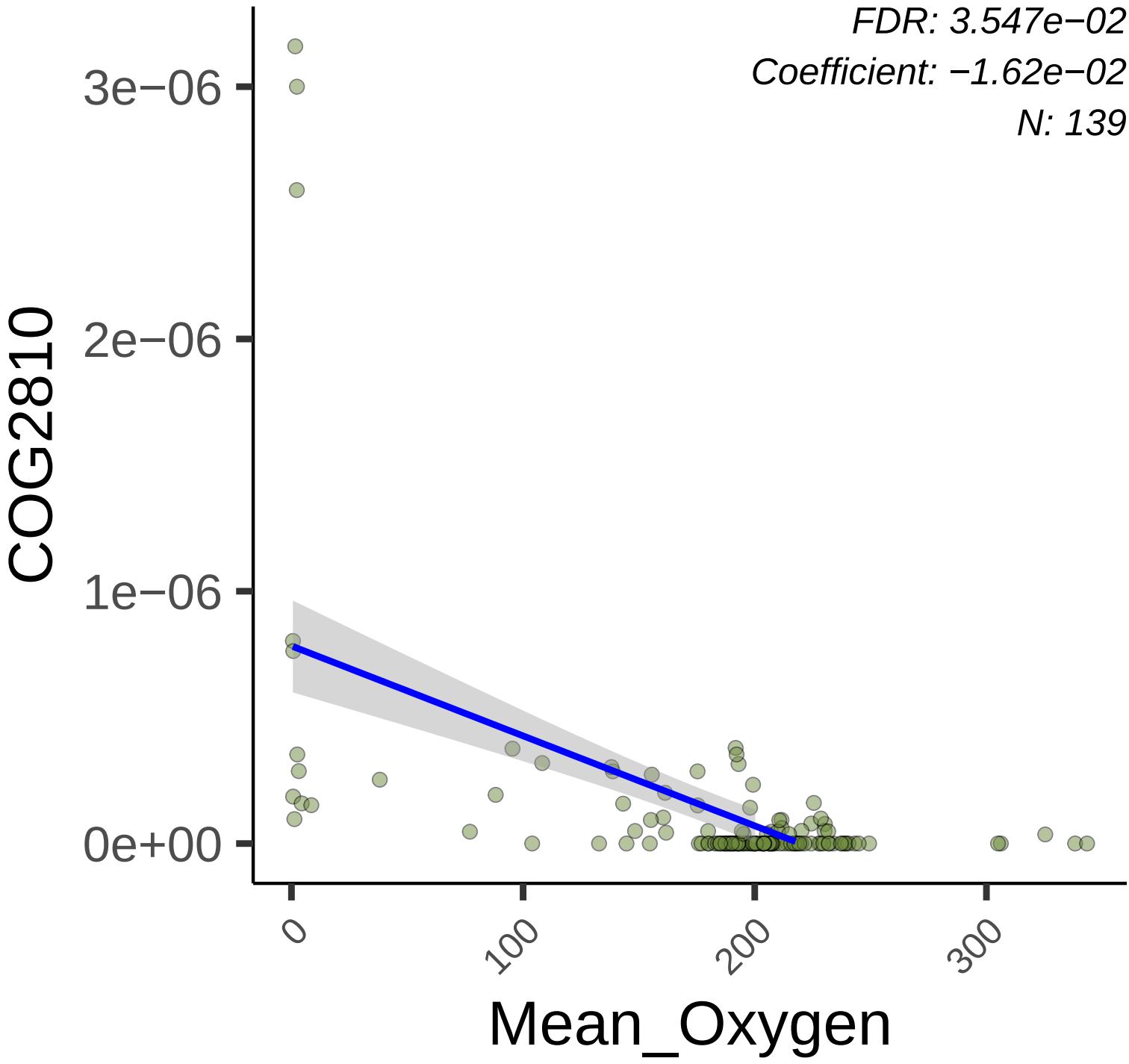
200
300
Mean_Oxygen


FDR: 3.547e−02
Coefficient: −1.62e−02
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COG2810
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1e−06
0e+00
0
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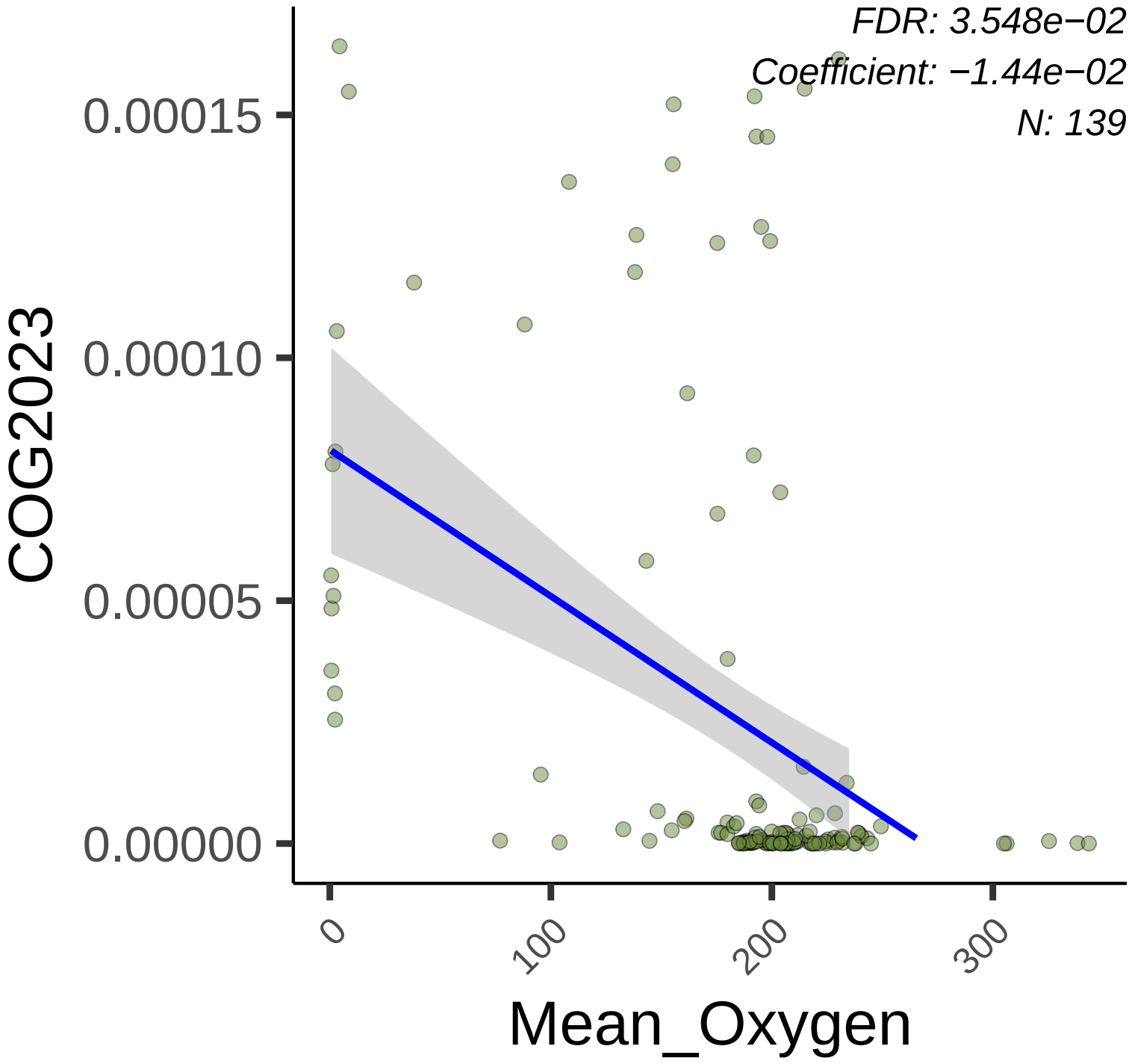
200
300
Mean_Oxygen


FDR: 3.548e−02
Coefficient: −1.44e−02
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COG2023
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200
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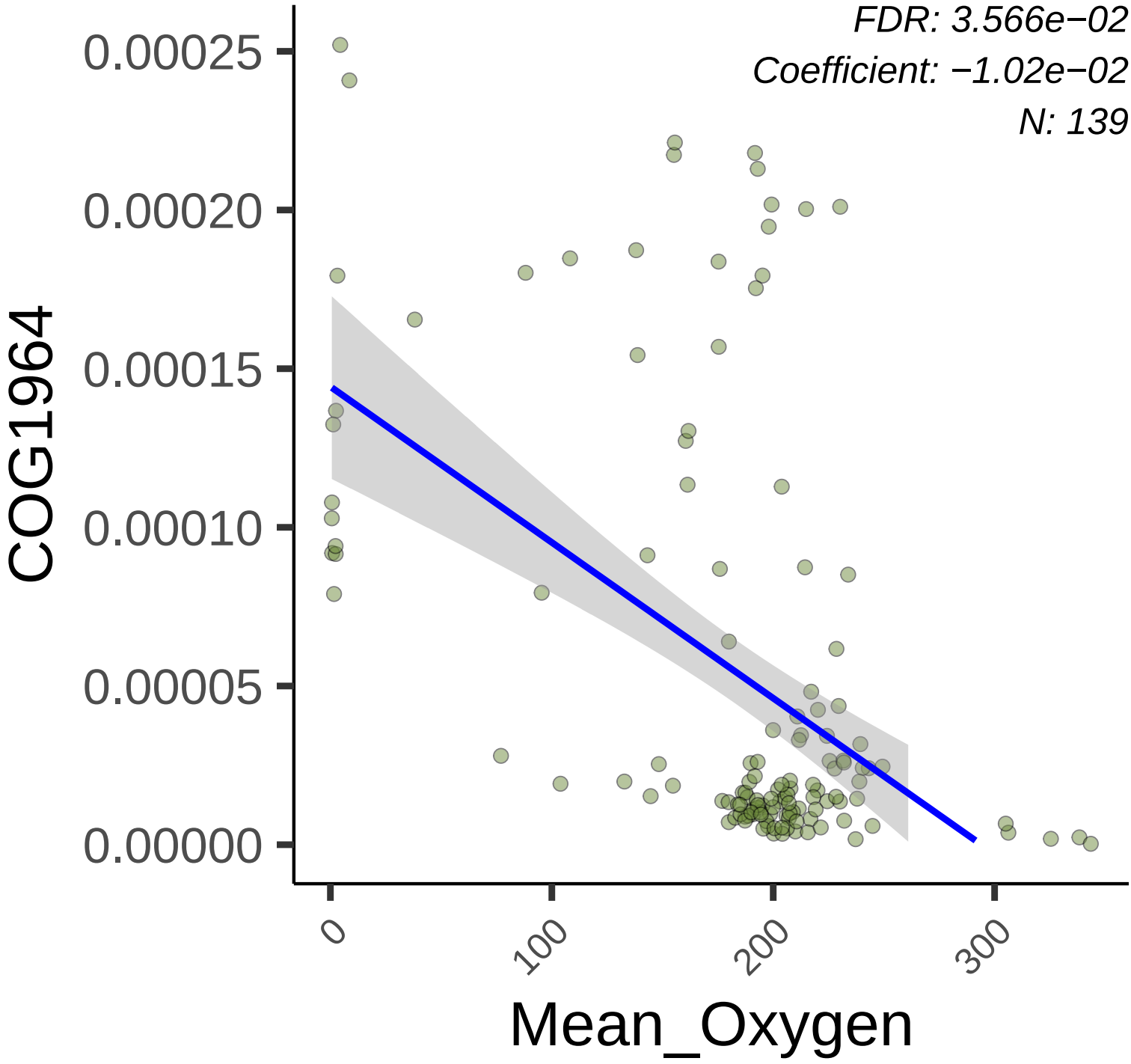
Mean_Oxygen


FDR: 3.566e−02
Coefficient: −1.02e−02
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0.00010
0.00005
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COG1964
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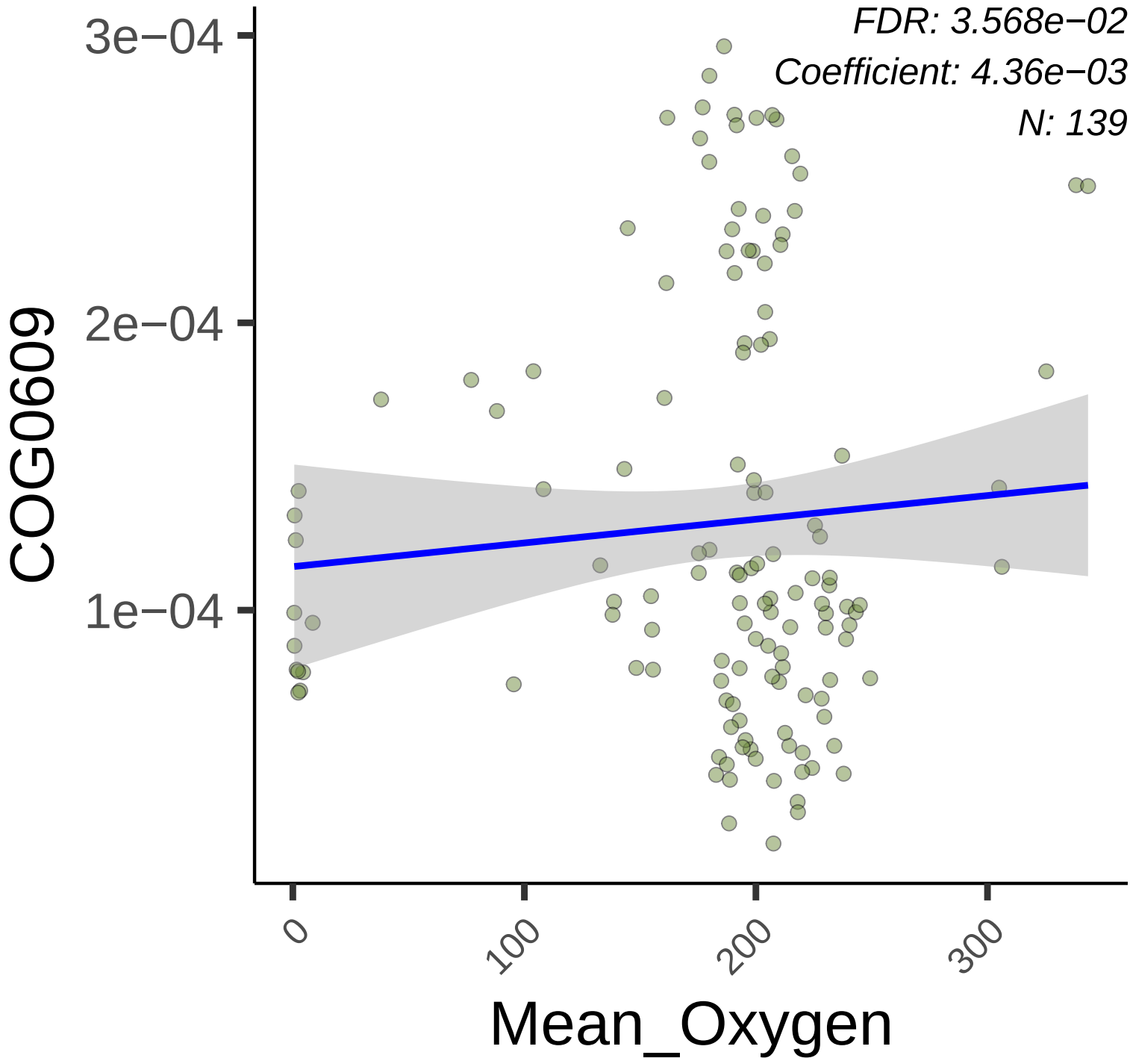
200
300
Mean_Oxygen


FDR: 3.568e−02
Coefficient: 4.36e−03
N: 139
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2e−04
1e−04
COG0609
0
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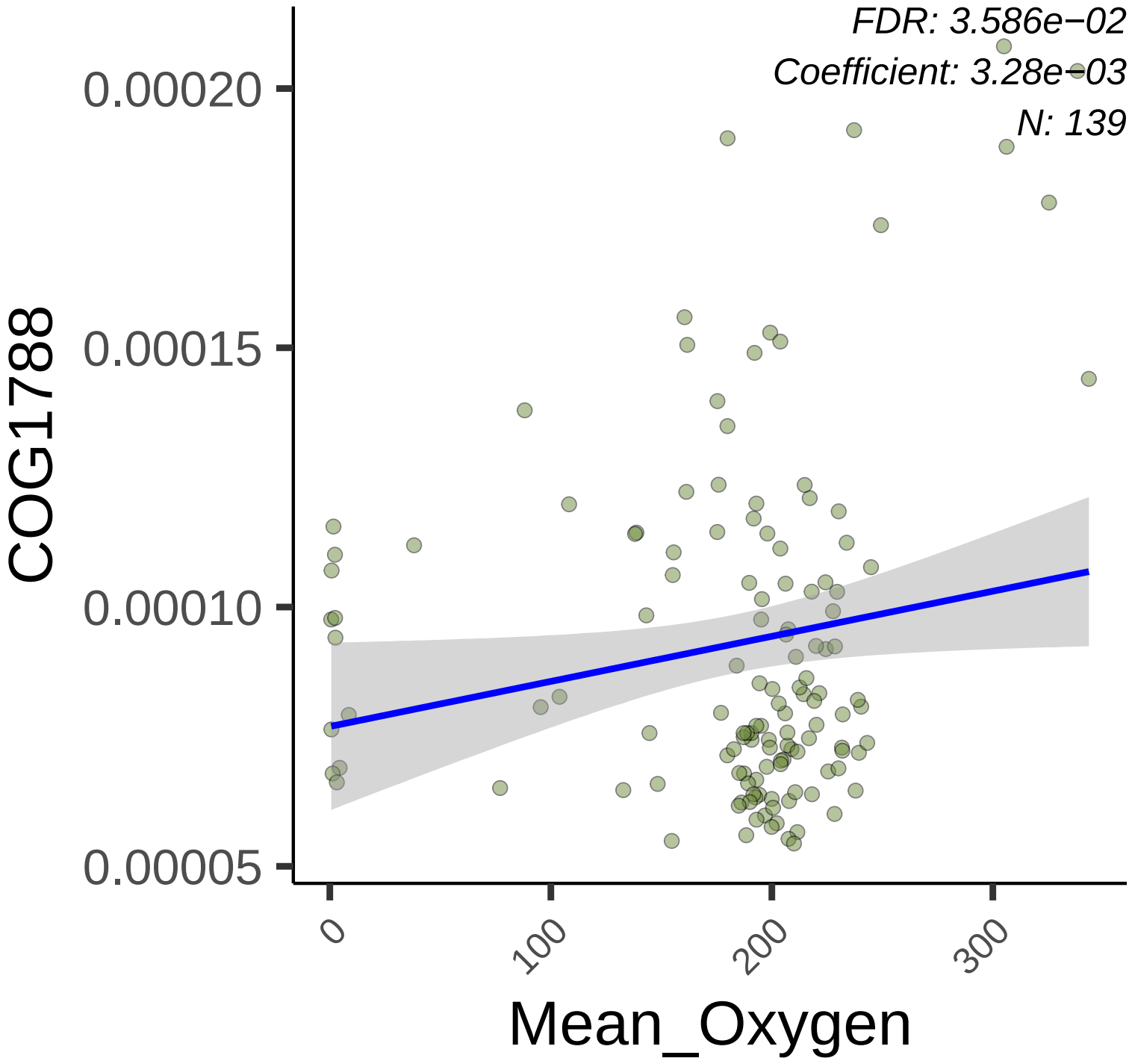
200
300
Mean_Oxygen


FDR: 3.586e−02
Coefficient: 3.28e−03
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COG1788
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0.00015
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0.00005
0
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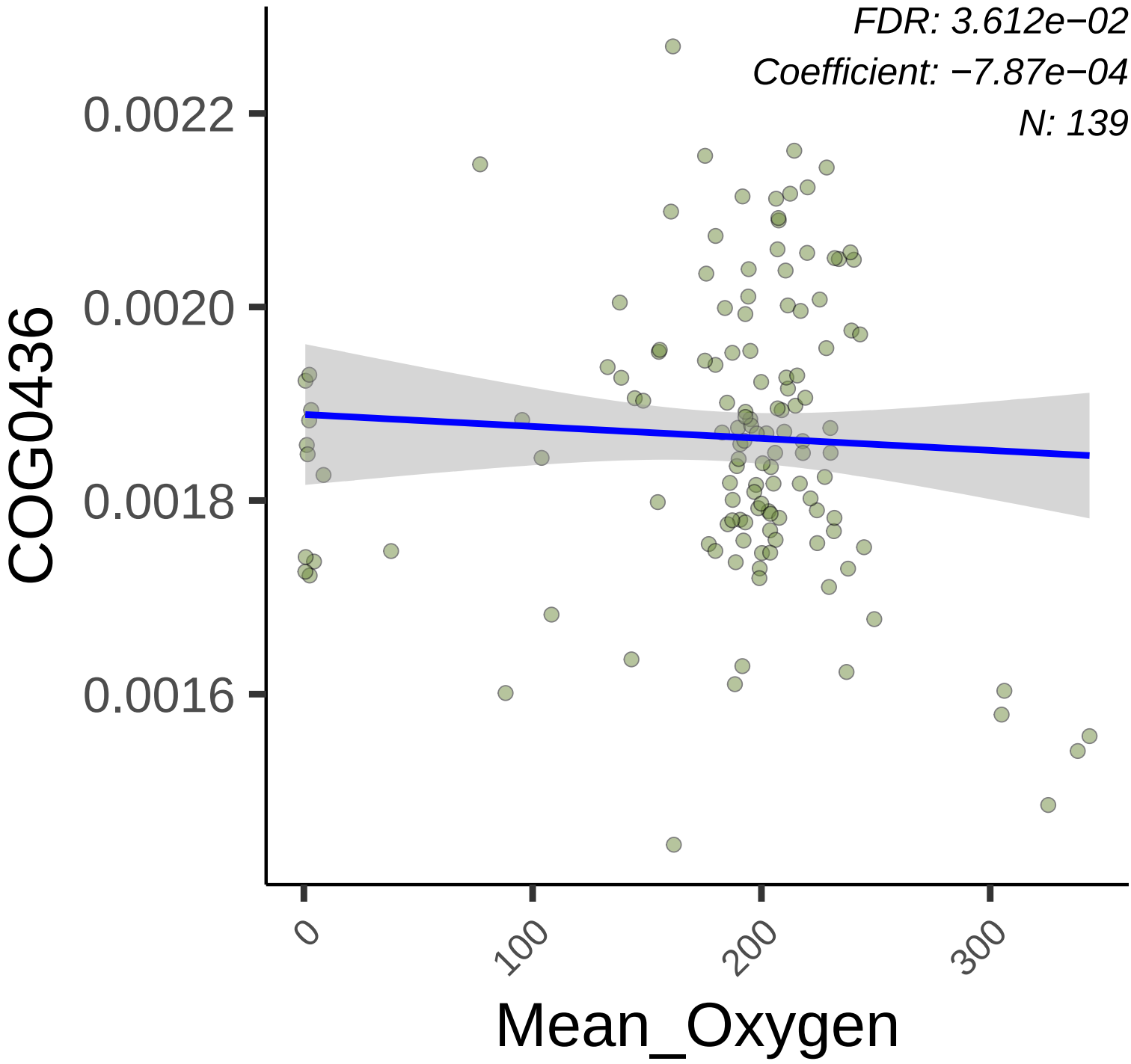
200
300
Mean_Oxygen


FDR: 3.612e−02
Coefficient: −7.87e−04
N: 139
COG0436
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0.0020
0.0018
0.0016
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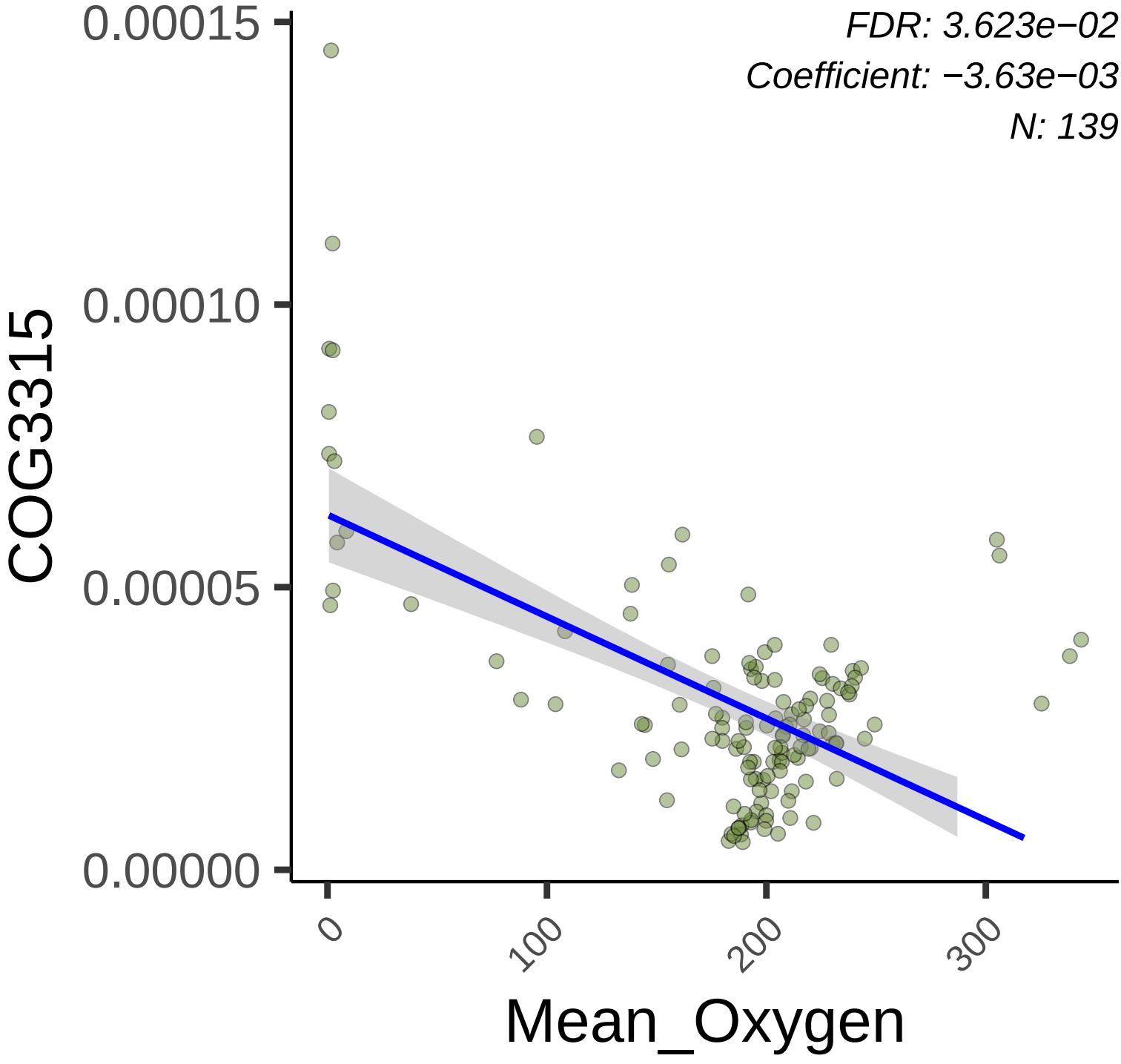
200
300
Mean_Oxygen


FDR: 3.623e−02
Coefficient: −3.63e−03
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COG3315
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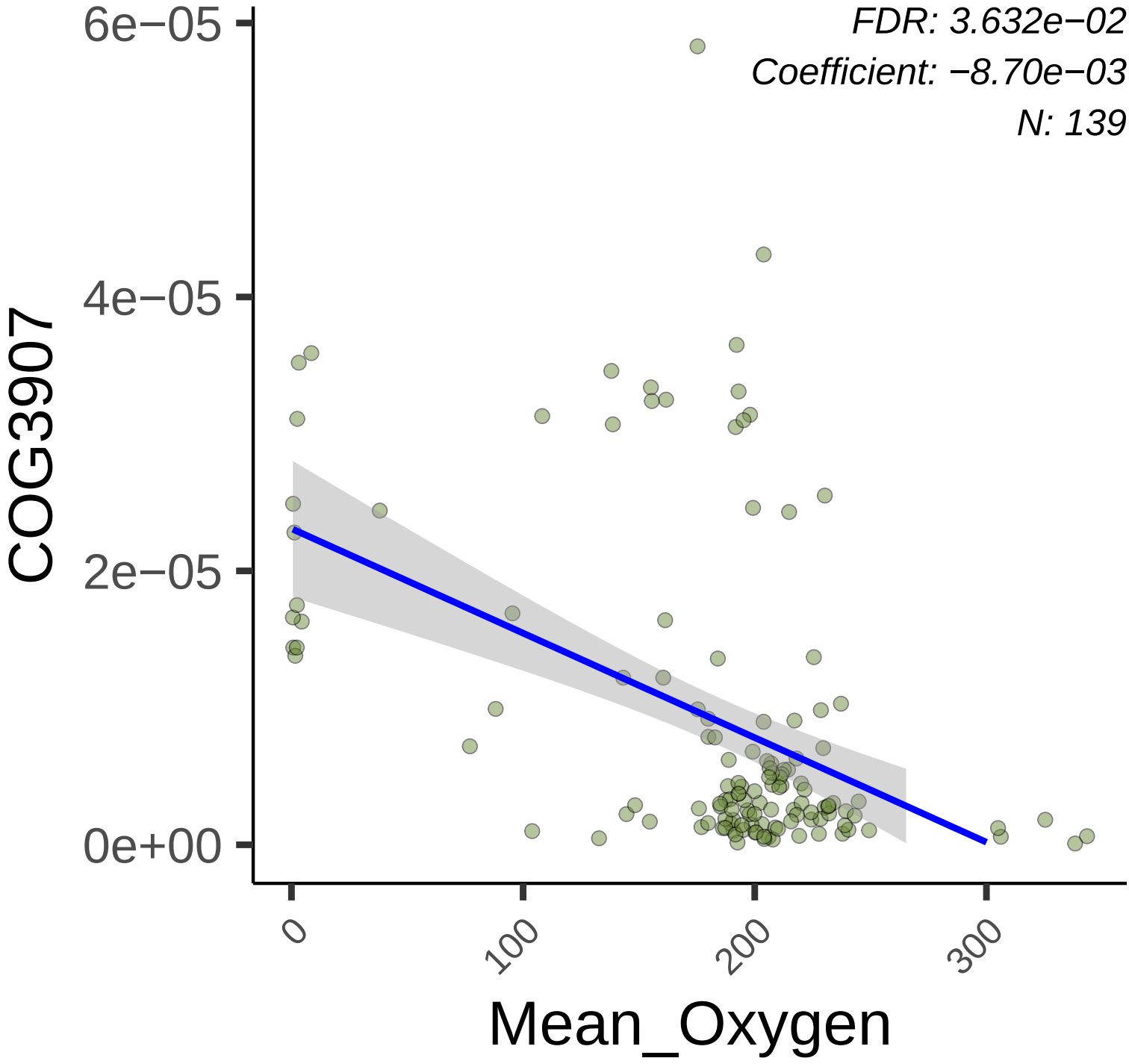
200
300
Mean_Oxygen


FDR: 3.632e−02
Coefficient: −8.70e−03
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COG3907
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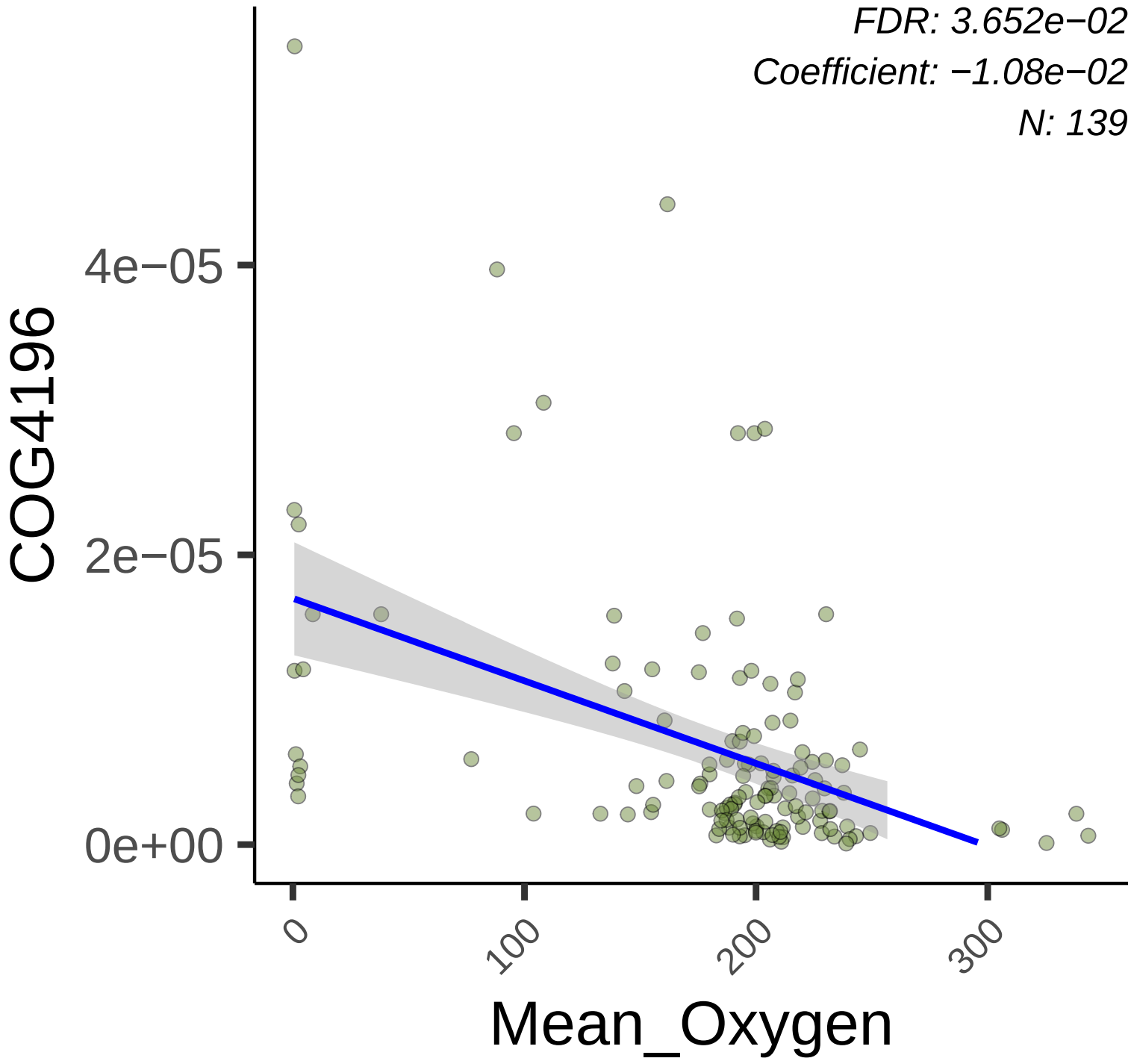
200
300
Mean_Oxygen


FDR: 3.652e−02
Coefficient: −1.08e−02
N: 139
COG4196
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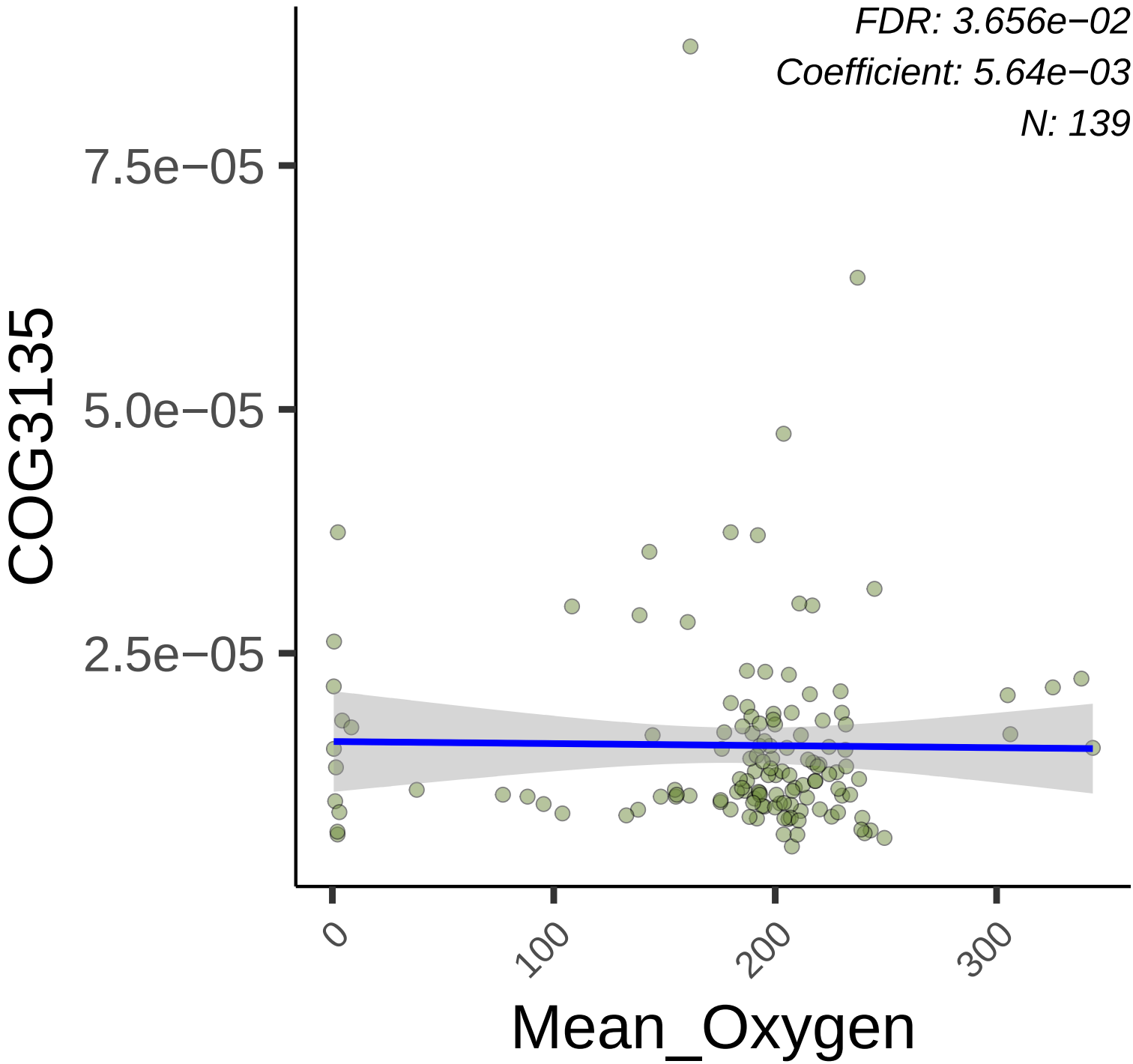
300
Mean_Oxygen


FDR: 3.656e−02
Coefficient: 5.64e−03
N: 139
7.5e−05
5.0e−05
2.5e−05
COG3135
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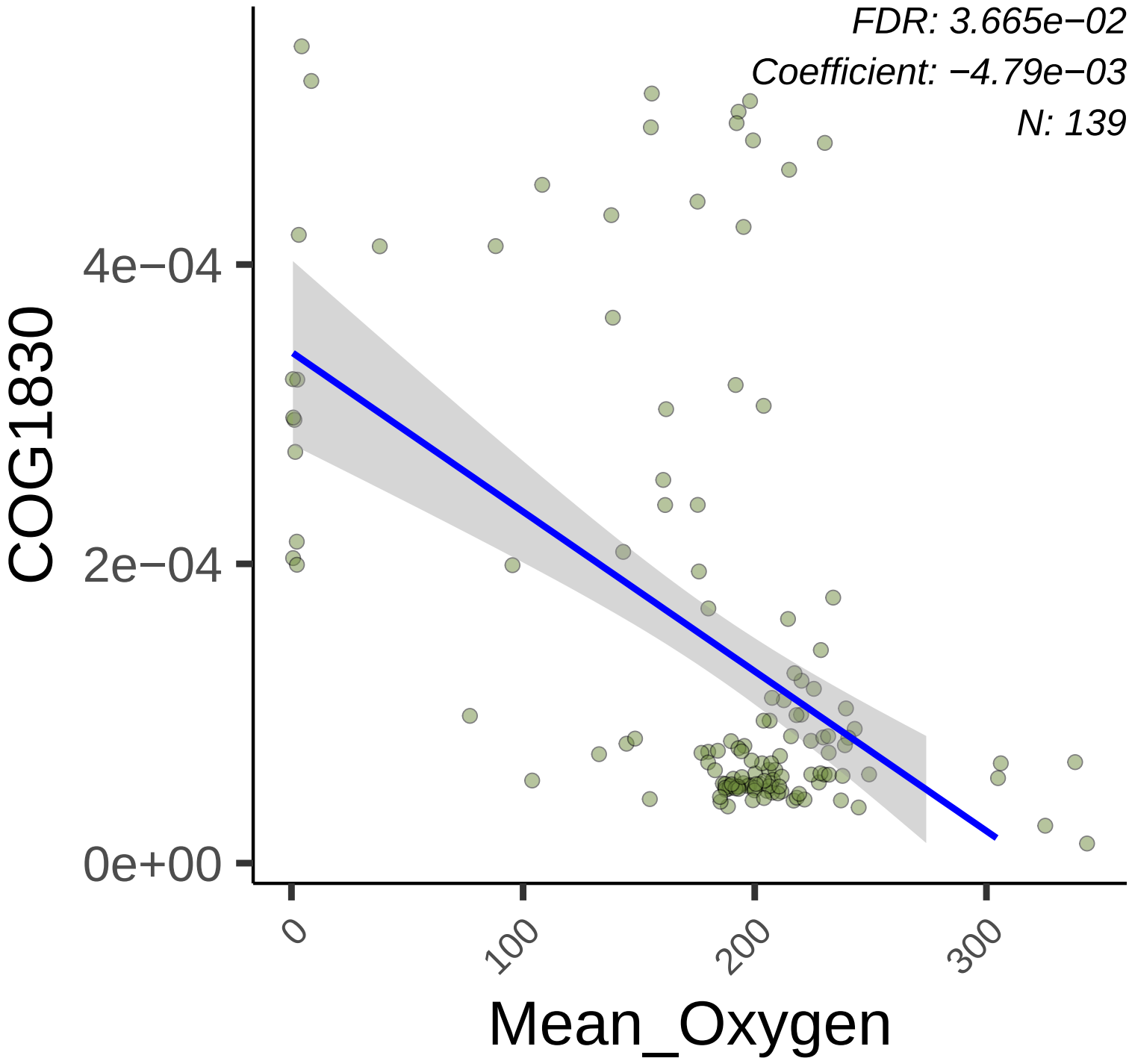
200
300
Mean_Oxygen


FDR: 3.665e−02
Coefficient: −4.79e−03
N: 139
COG1830
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0e+00
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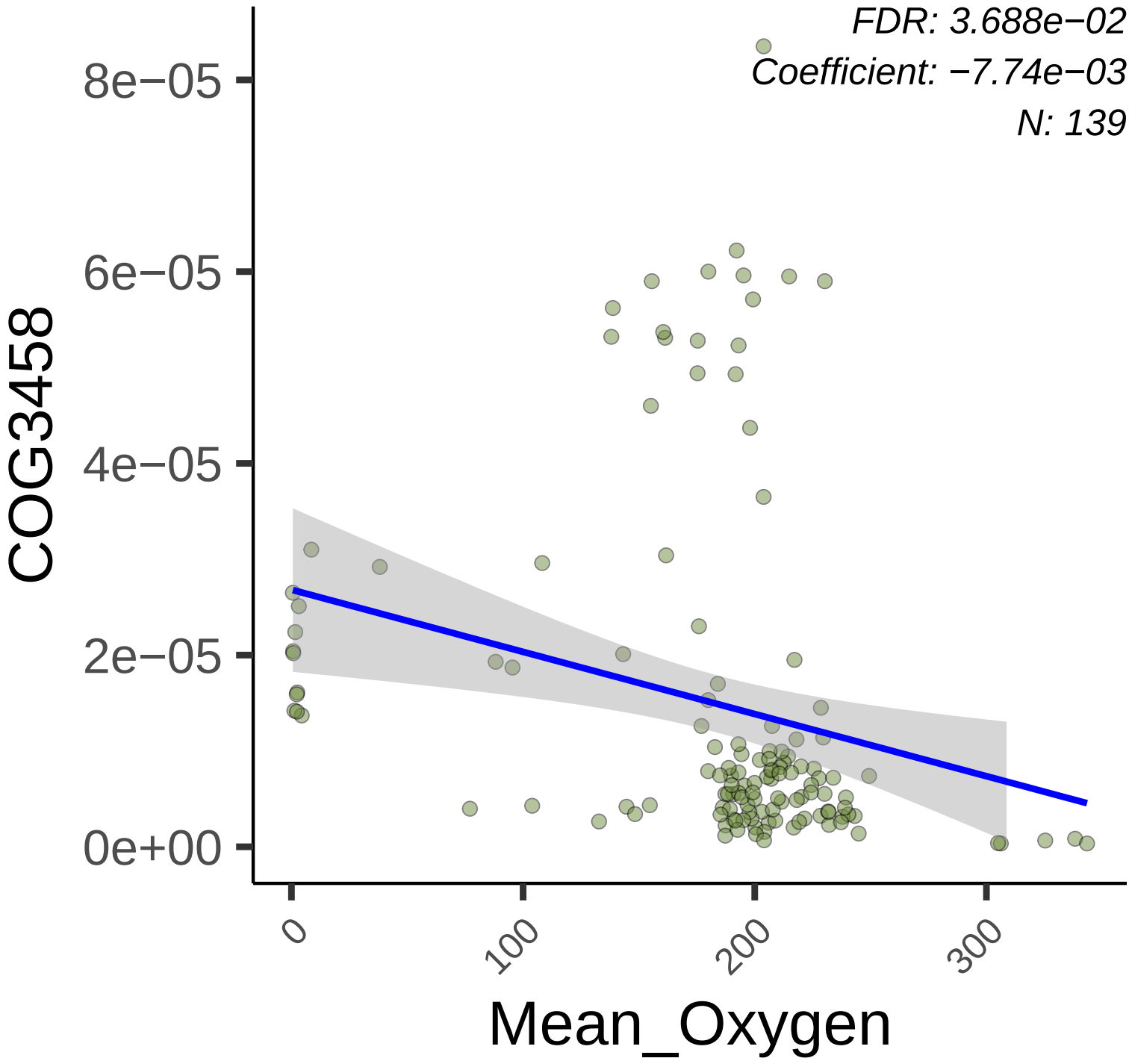
100
200
300
Mean_Oxygen


FDR: 3.688e−02
Coefficient: −7.74e−03
N: 139
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8e−05
6e−05
4e−05
2e−05
0e+00
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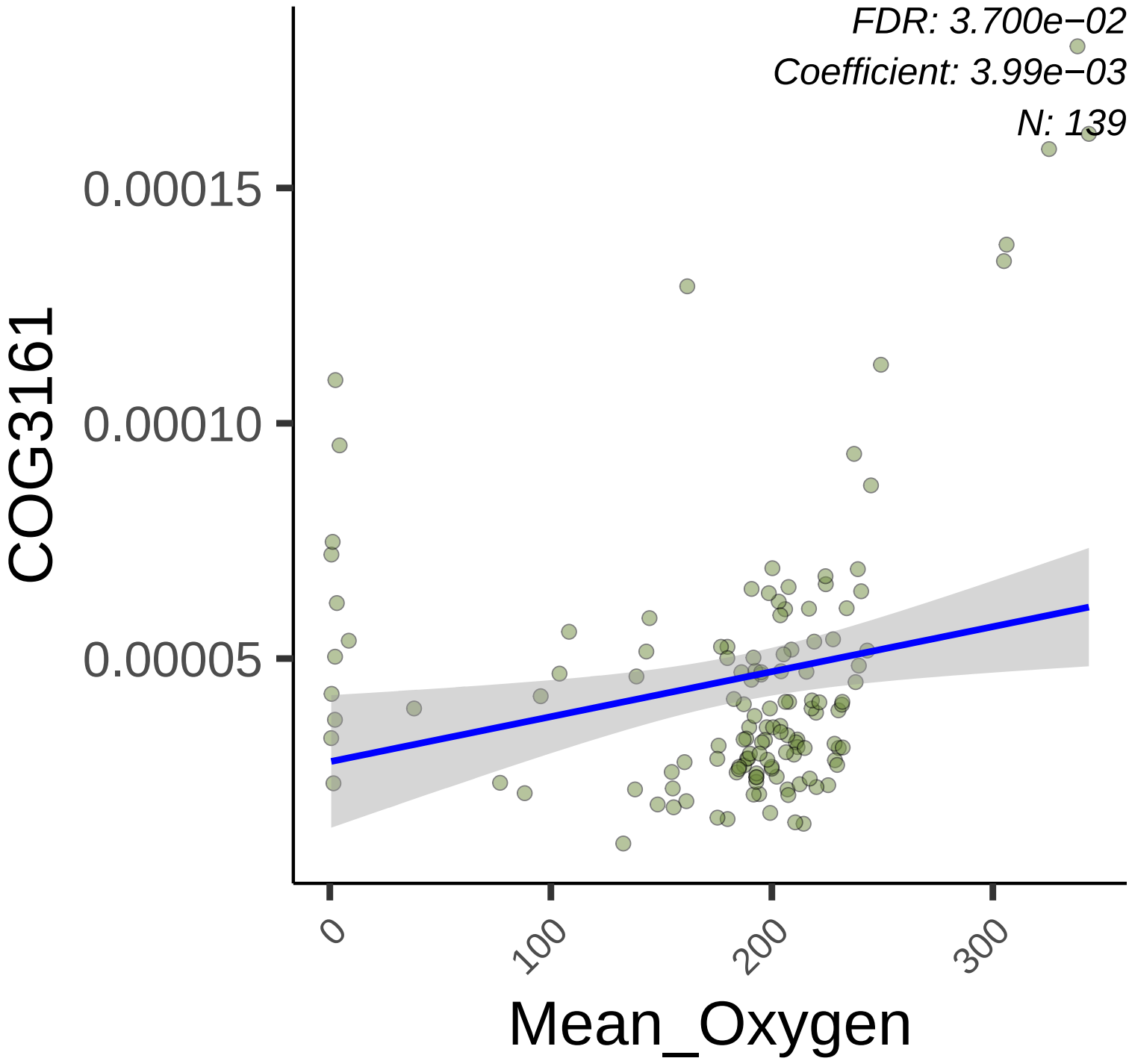
200
300
Mean_Oxygen


FDR: 3.700e−02
Coefficient: 3.99e−03
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COG3161
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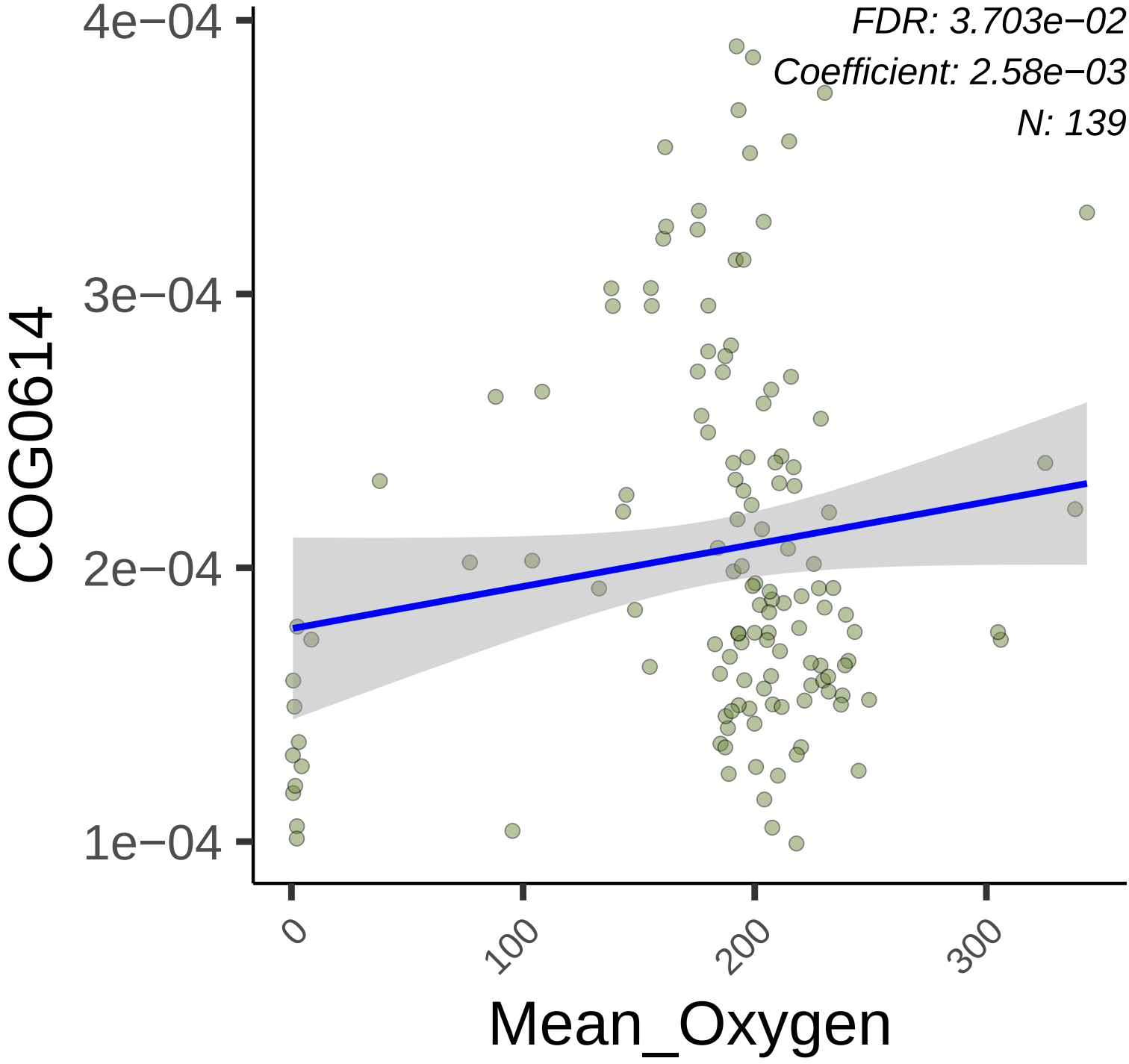
200
300
Mean_Oxygen


FDR: 3.703e−02
Coefficient: 2.58e−03
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3e−04
2e−04
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COG0614
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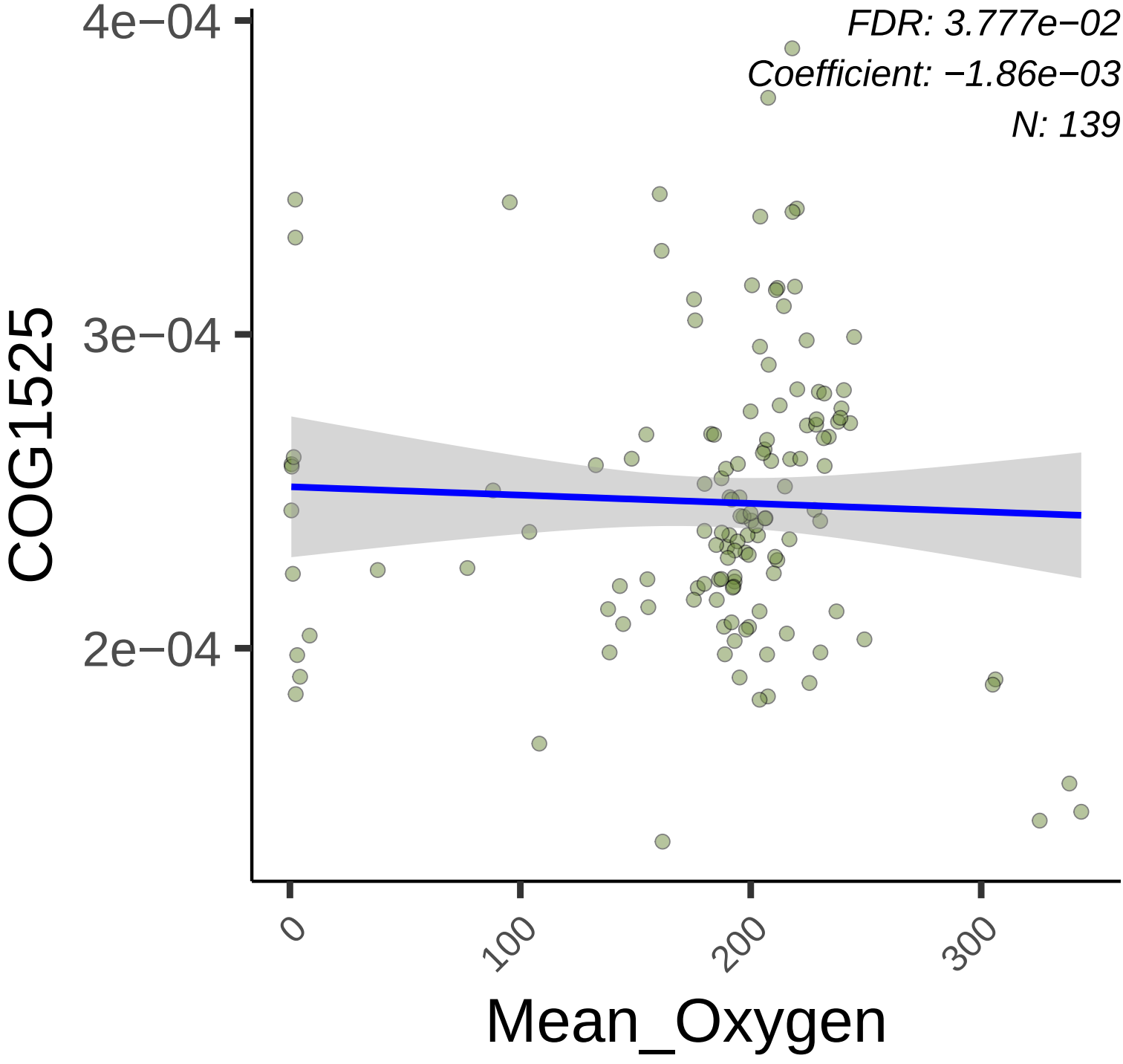
200
300
Mean_Oxygen


FDR: 3.777e−02
Coefficient: −1.86e−03
N: 139
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3e−04
2e−04
COG1525
0
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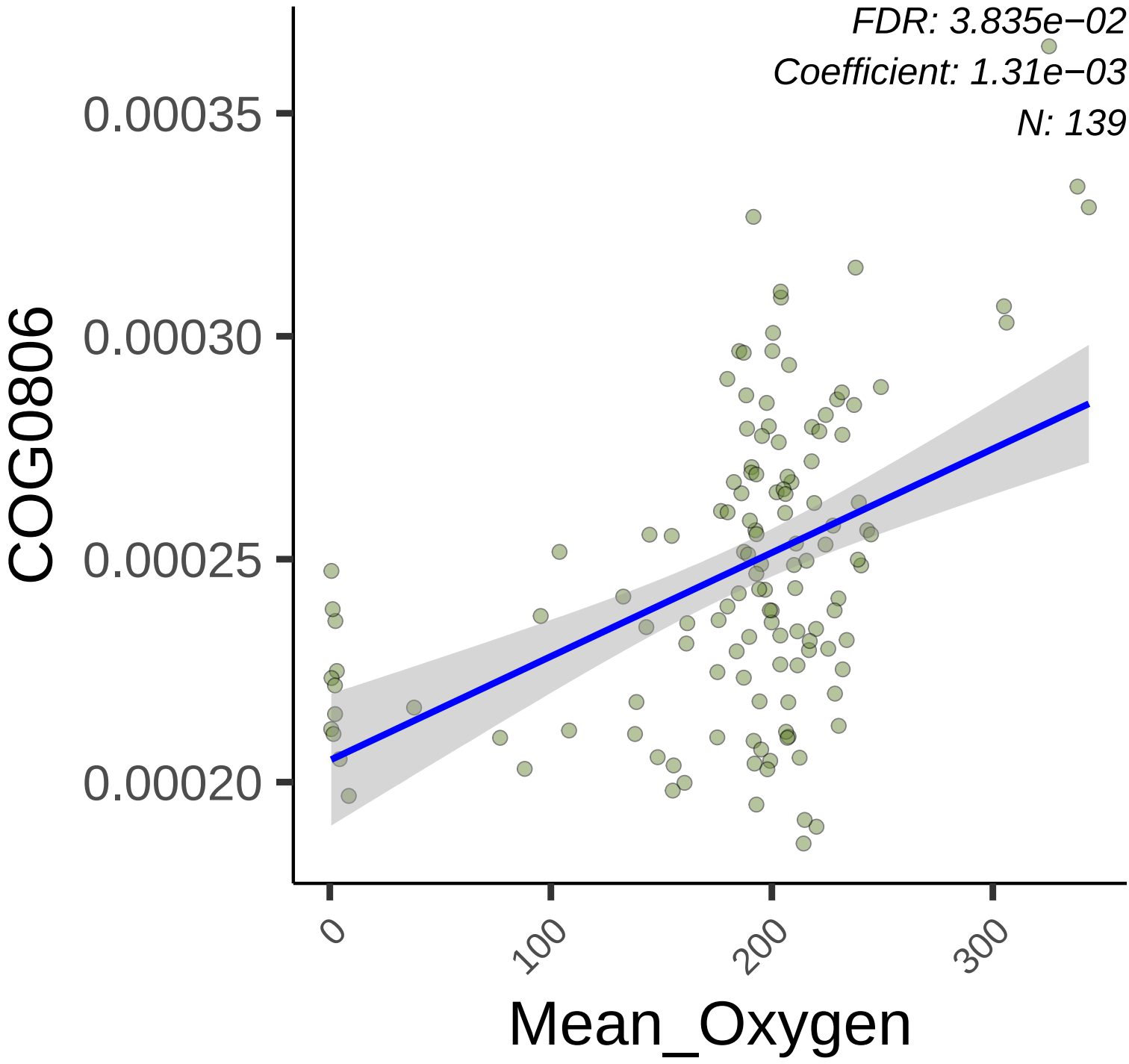
200
300
Mean_Oxygen


FDR: 3.835e−02
Coefficient: 1.31e−03
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COG0806
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0.00030
0.00025
0.00020
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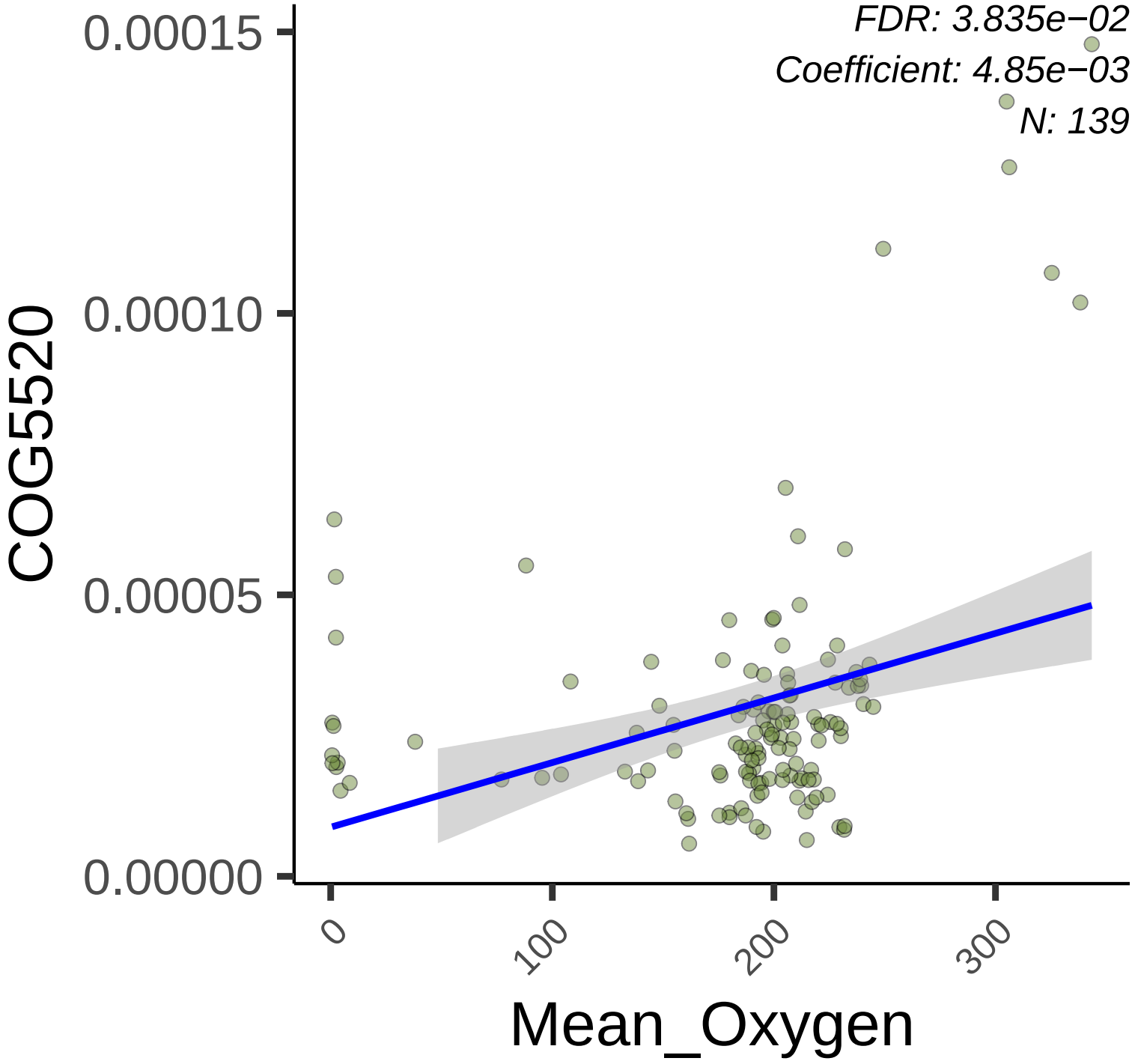
200
300
Mean_Oxygen


FDR: 3.835e−02
Coefficient: 4.85e−03
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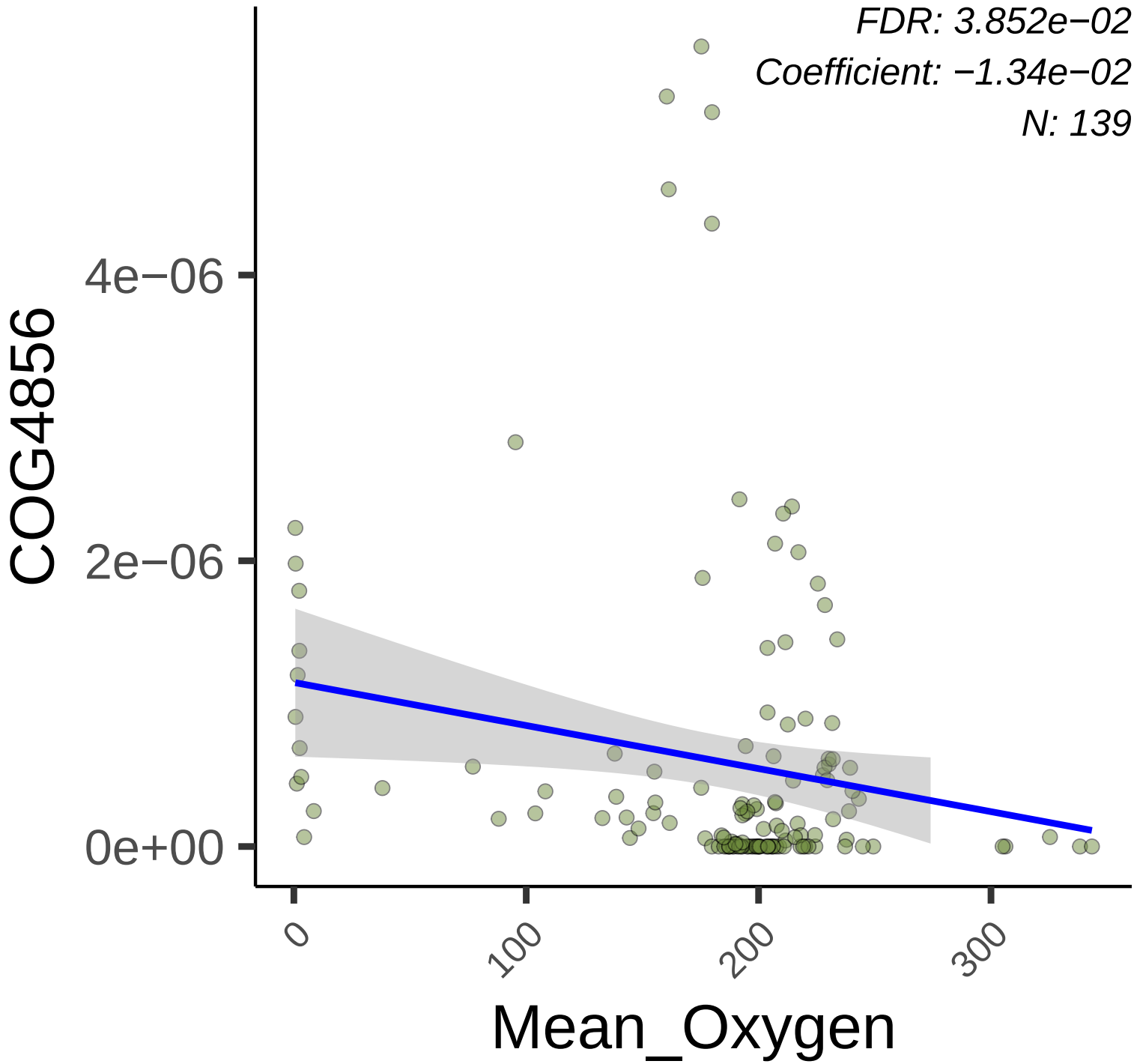
200
300
Mean_Oxygen


FDR: 3.852e−02
Coefficient: −1.34e−02
N: 139
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2e−06
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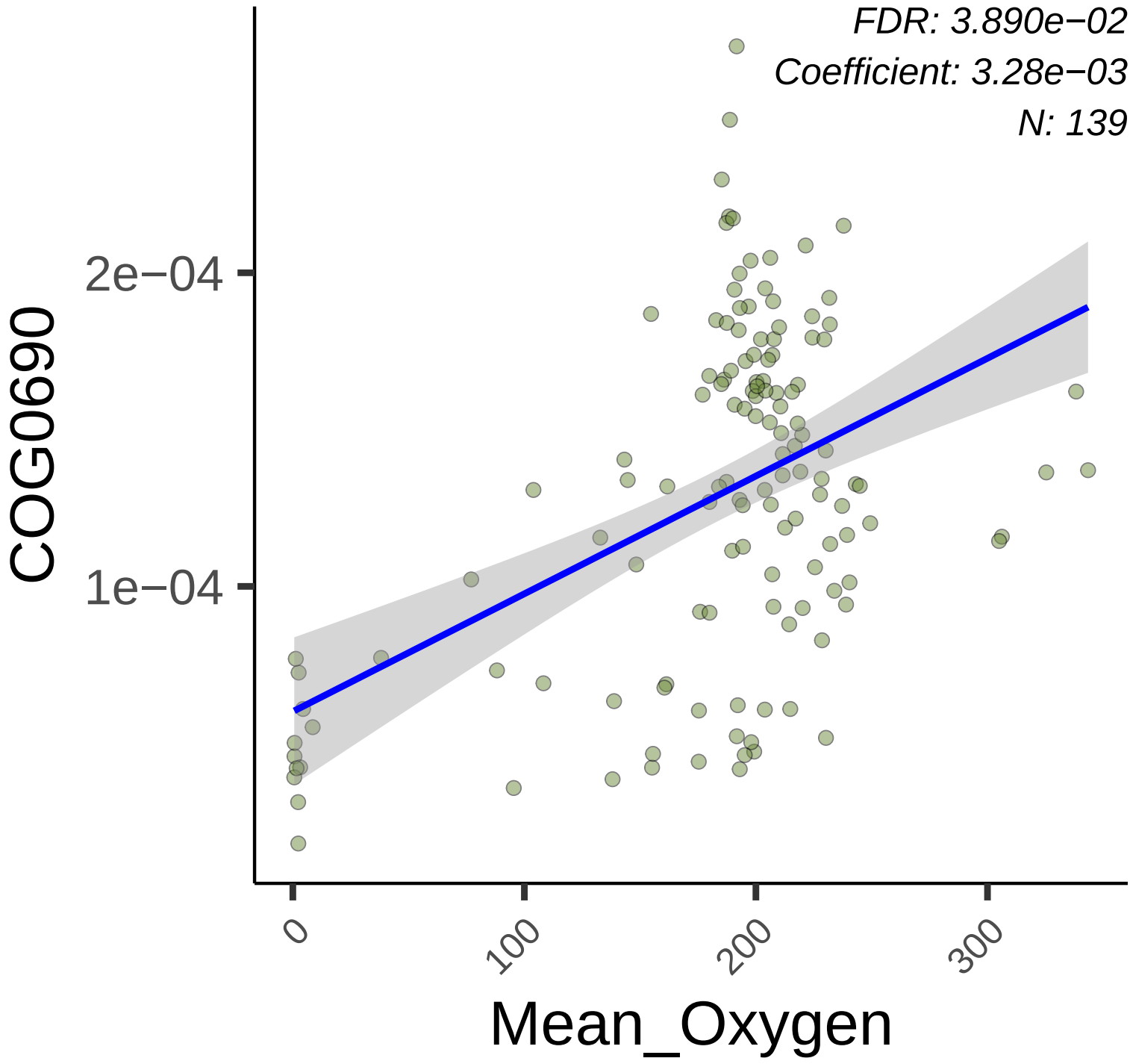
200
300
Mean_Oxygen


FDR: 3.890e−02
Coefficient: 3.28e−03
N: 139
COG0690
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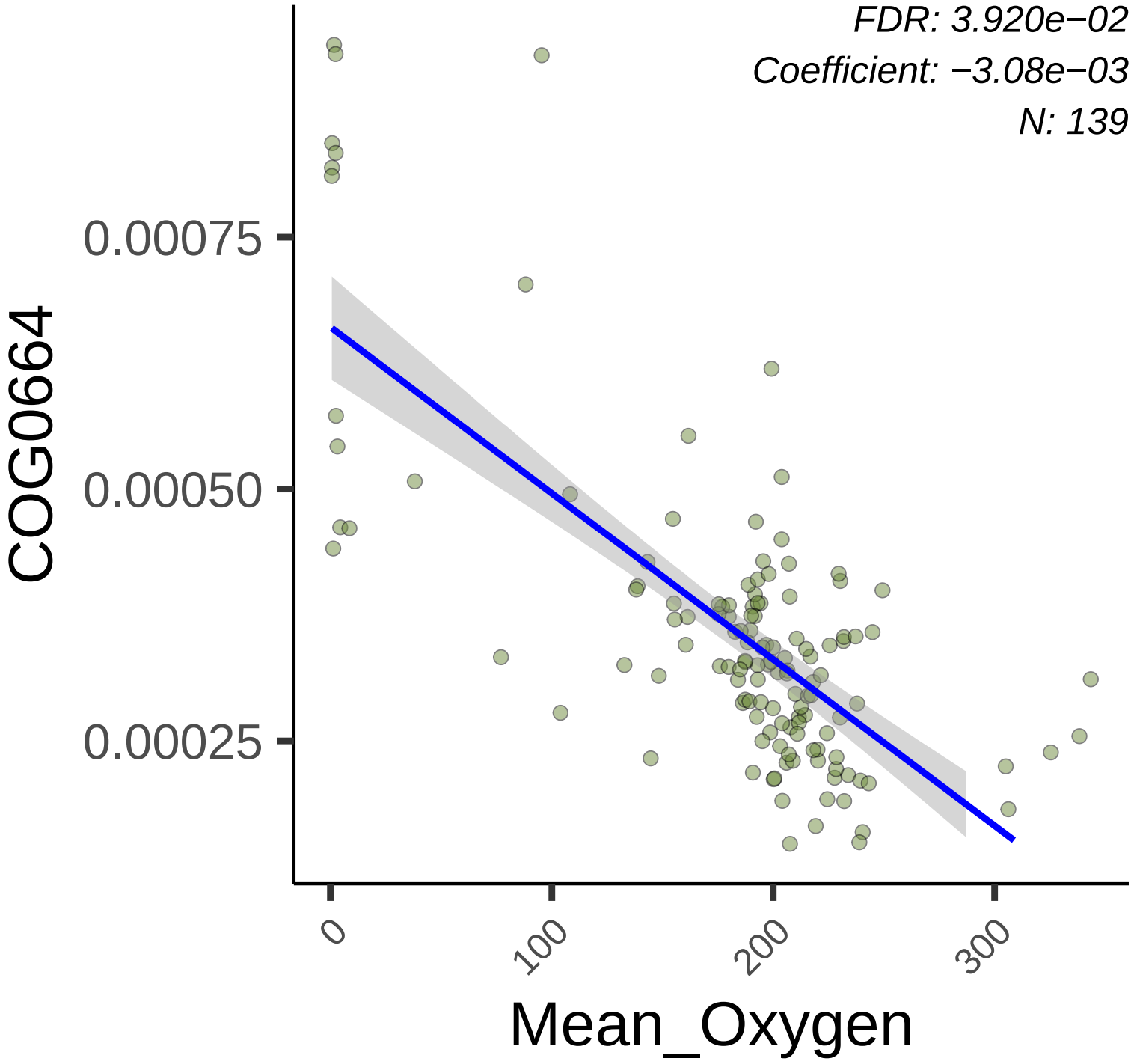
Mean_Oxygen


FDR: 3.920e−02
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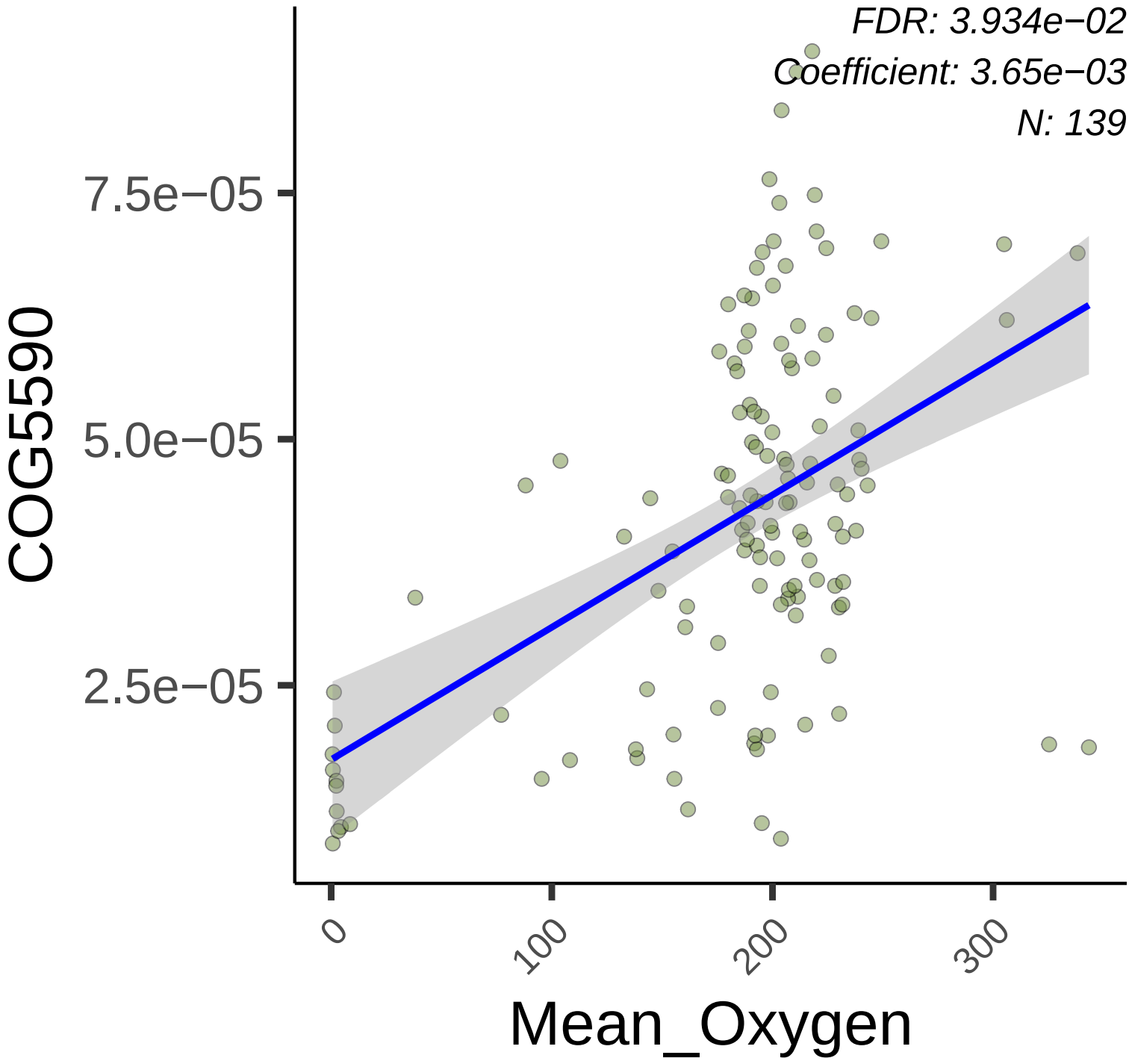
300
Mean_Oxygen


FDR: 3.934e−02
Coefficient: 3.65e−03
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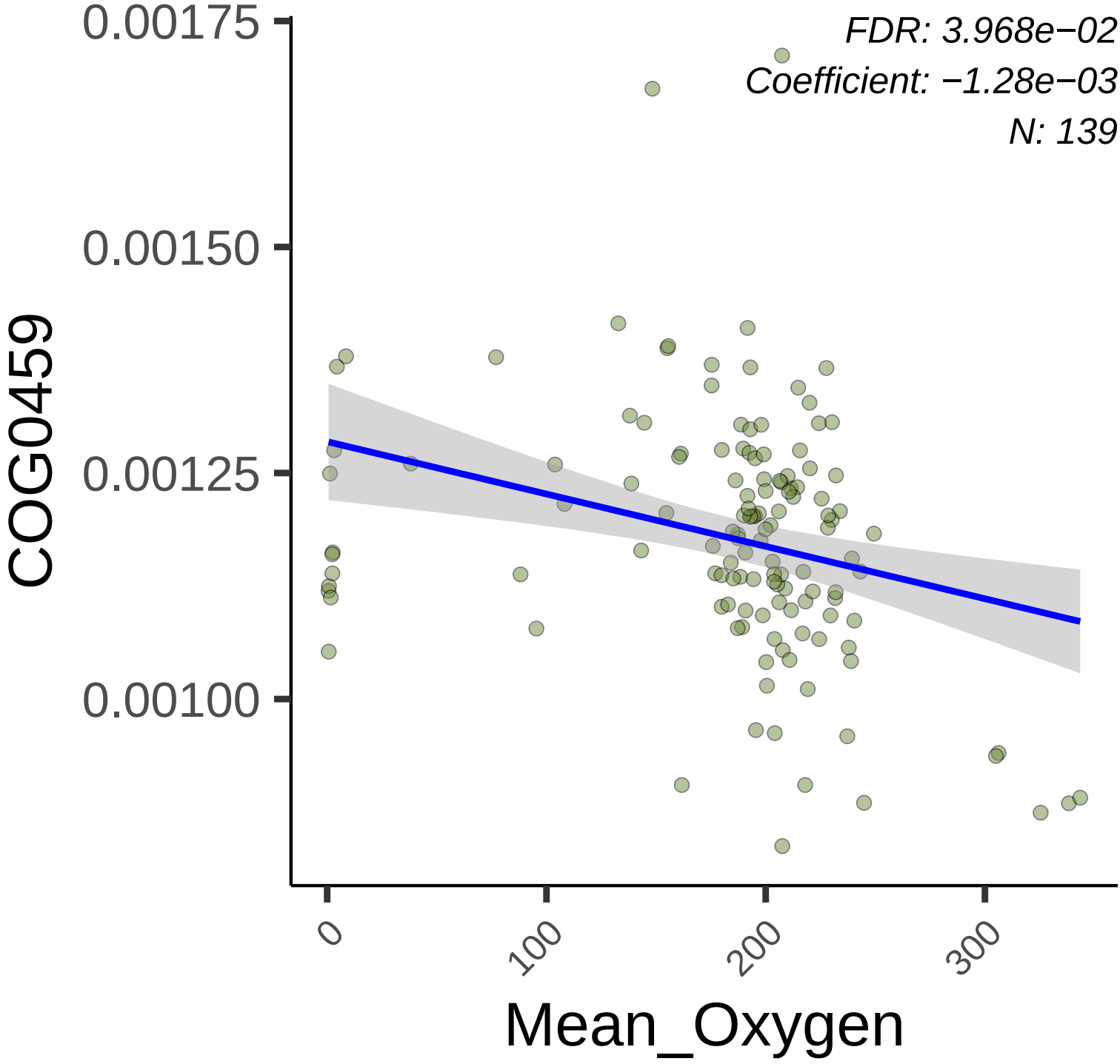
200
300
Mean_Oxygen


FDR: 3.968e−02
Coefficient: −1.28e−03
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COG0459
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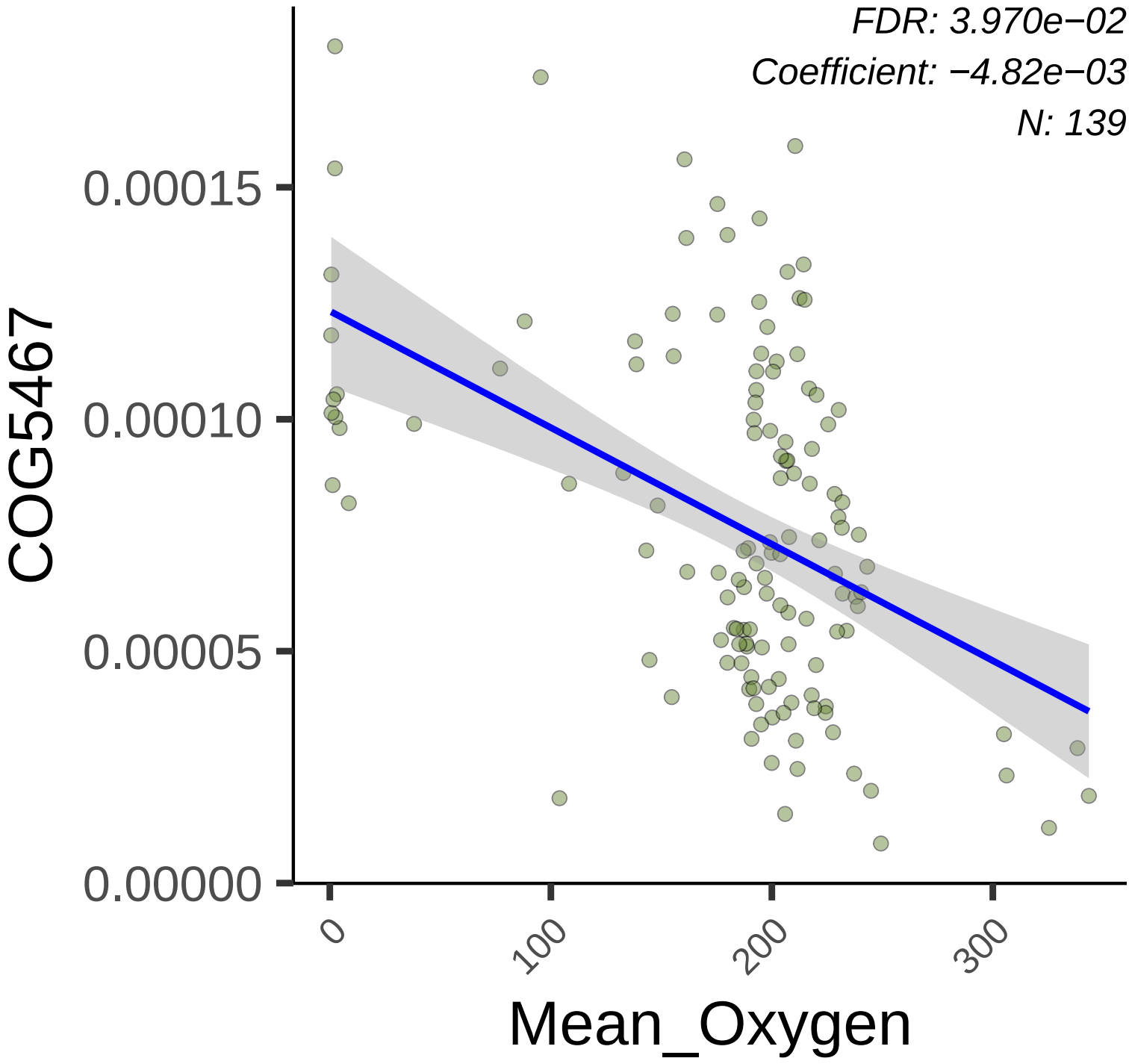
200
300
Mean_Oxygen


FDR: 3.970e−02
Coefficient: −4.82e−03
N: 139
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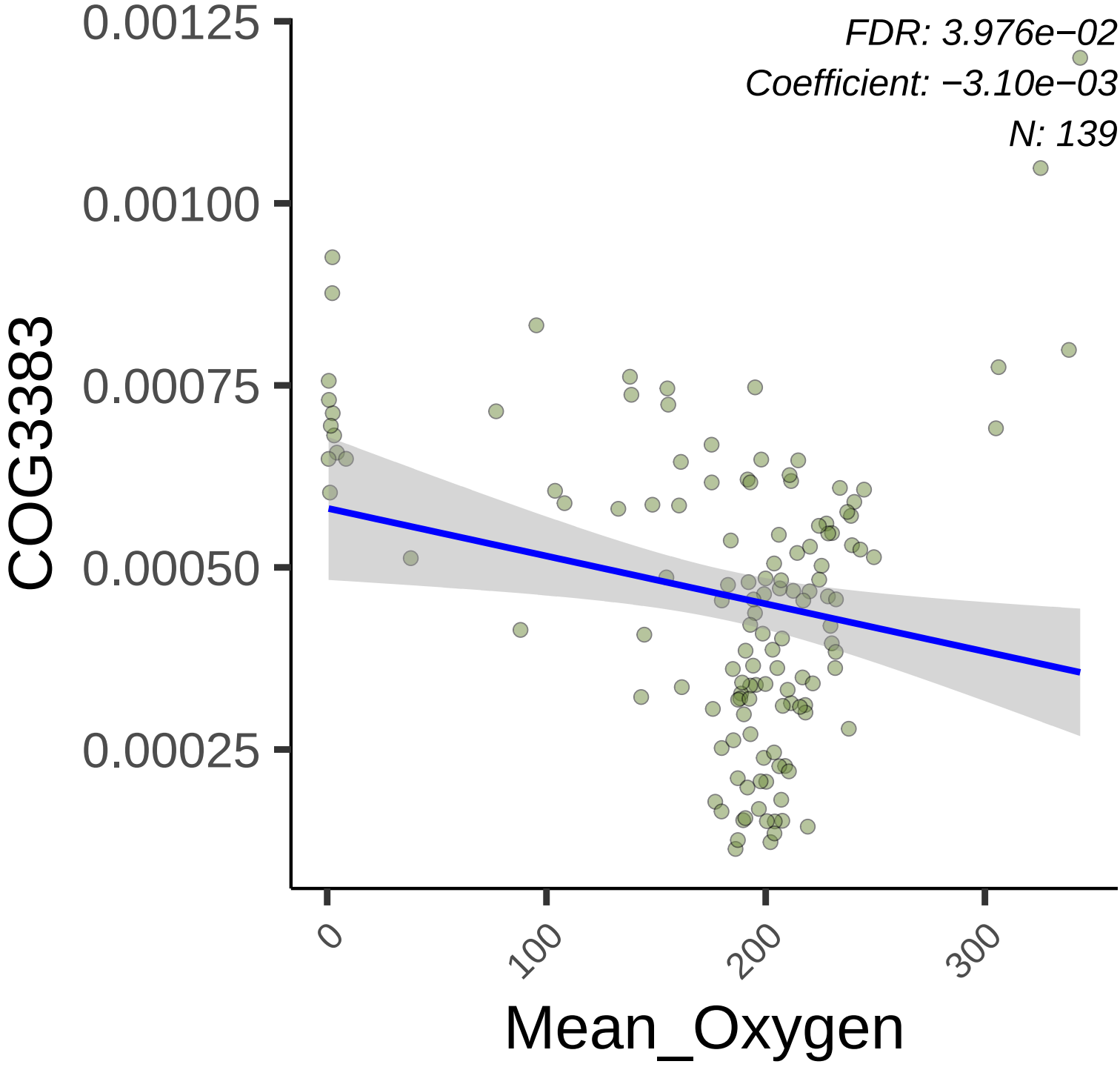
200
300
Mean_Oxygen


FDR: 3.976e−02
Coefficient: −3.10e−03
N: 139
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0.00050
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COG3383
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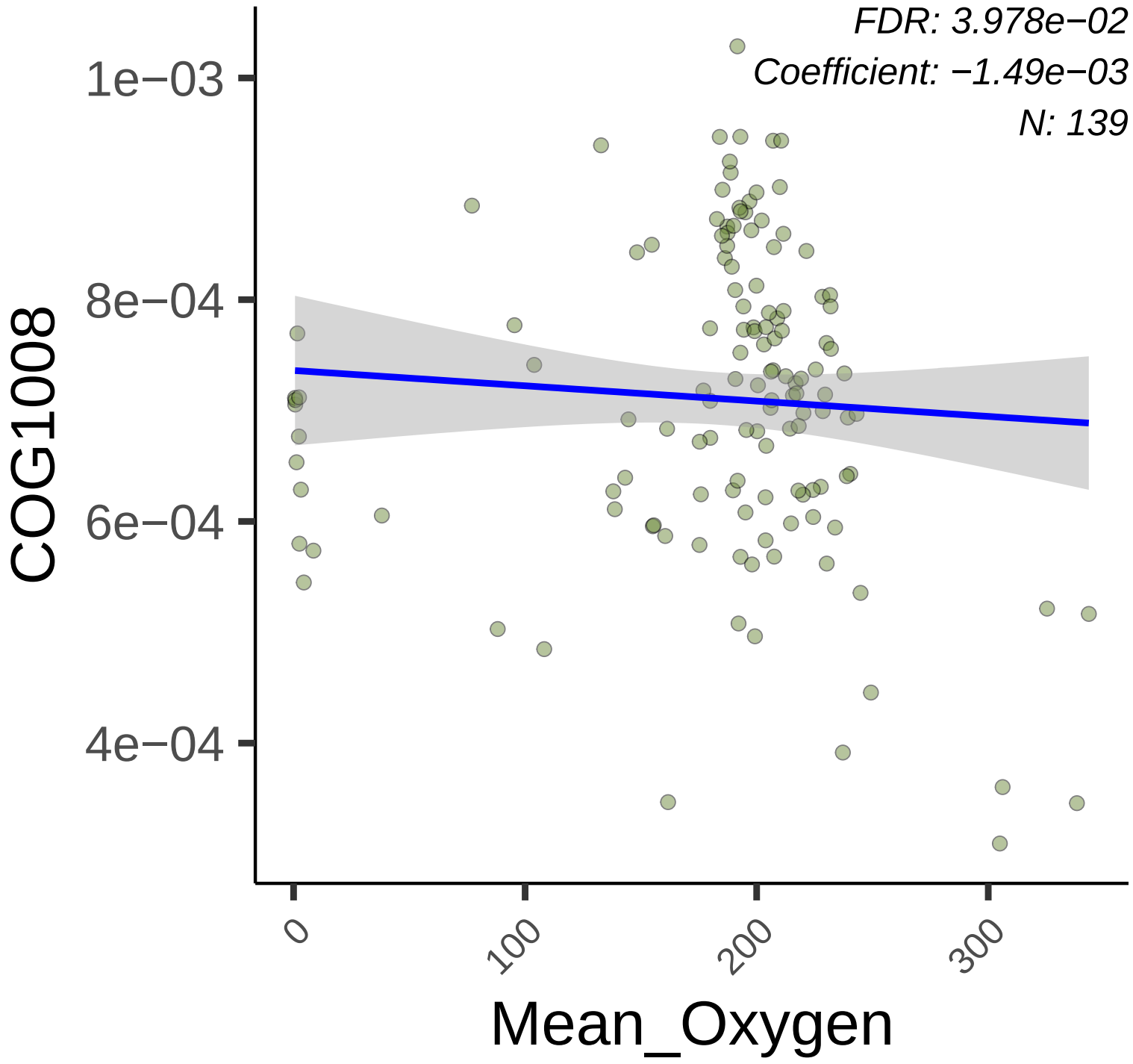
200
300
Mean_Oxygen


FDR: 3.978e−02
Coefficient: −1.49e−03
N: 139
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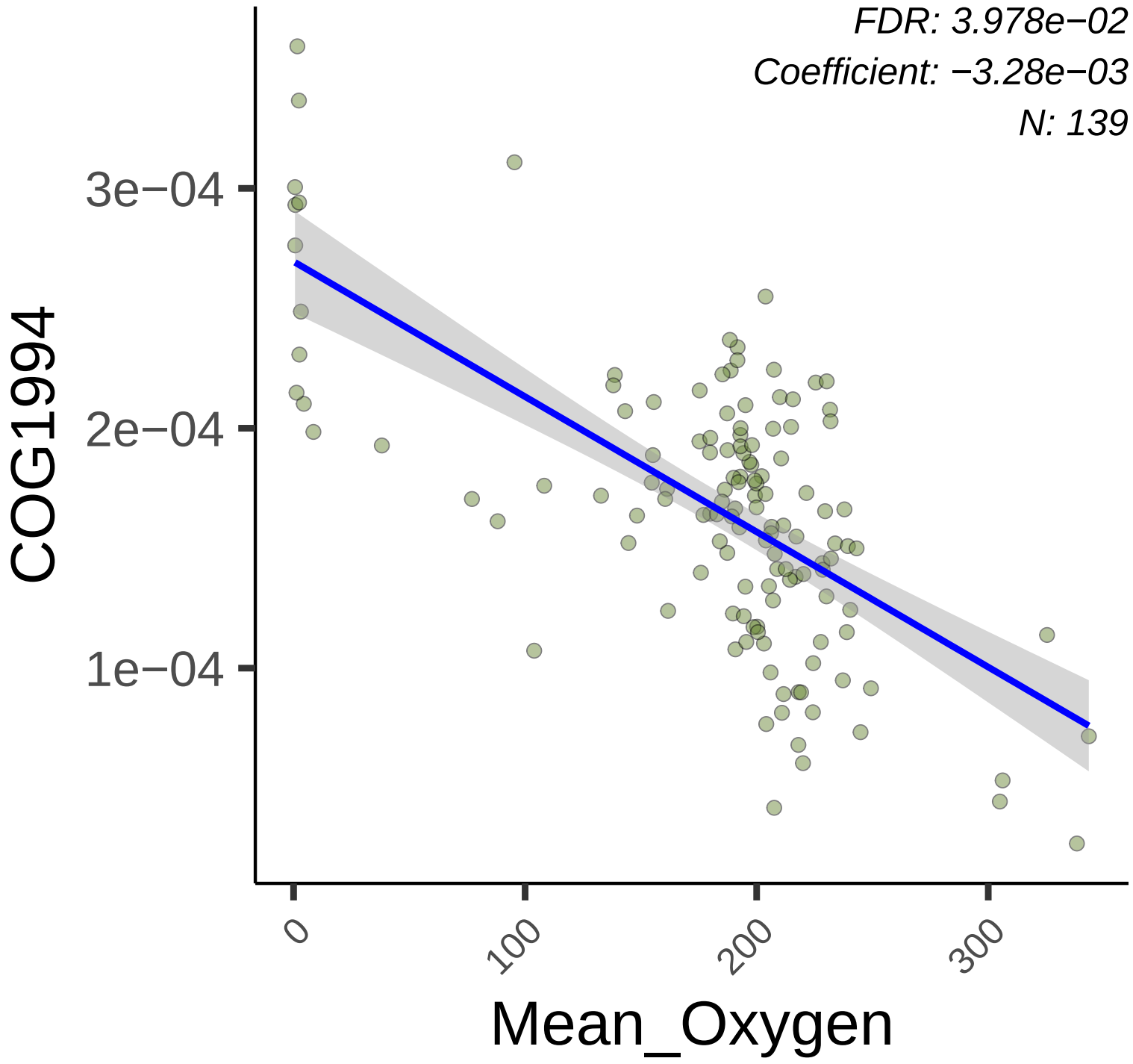
200
300
Mean_Oxygen


FDR: 3.978e−02
Coefficient: −3.28e−03
N: 139
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1e−04
COG1994
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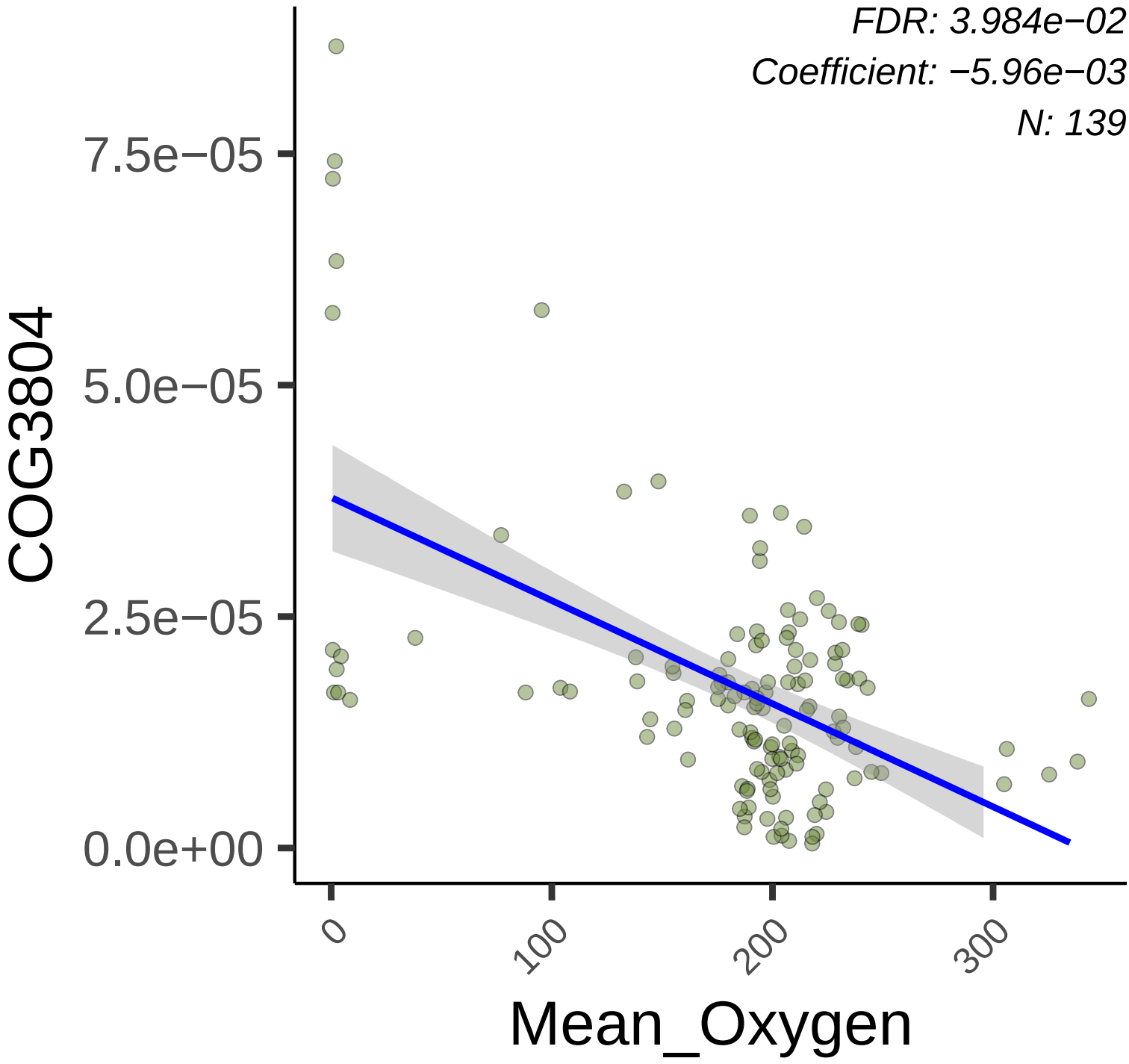
300
Mean_Oxygen


FDR: 3.984e−02
Coefficient: −5.96e−03
N: 139
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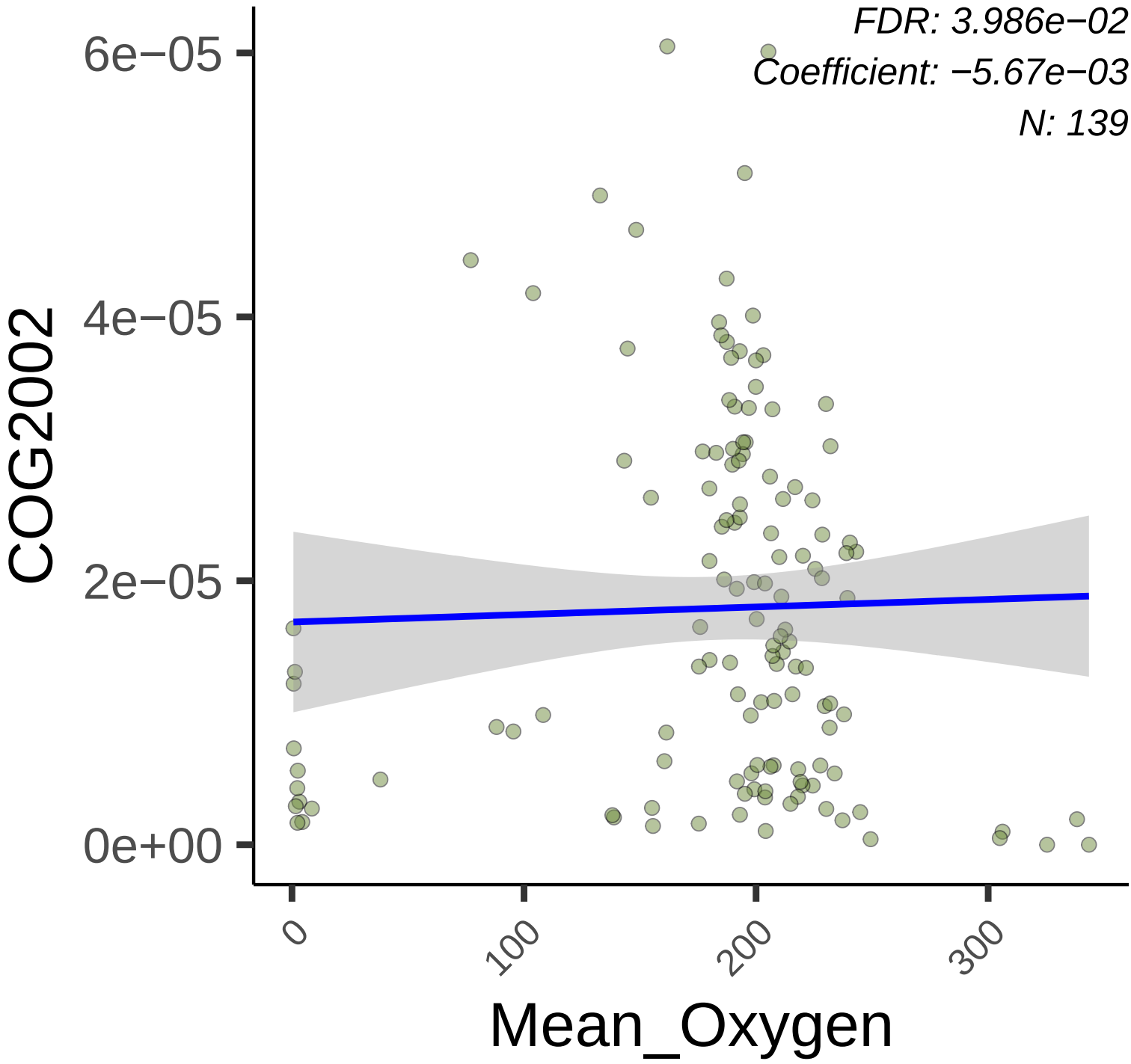
300
Mean_Oxygen


FDR: 3.986e−02
Coefficient: −5.67e−03
N: 139
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4e−05
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COG2002
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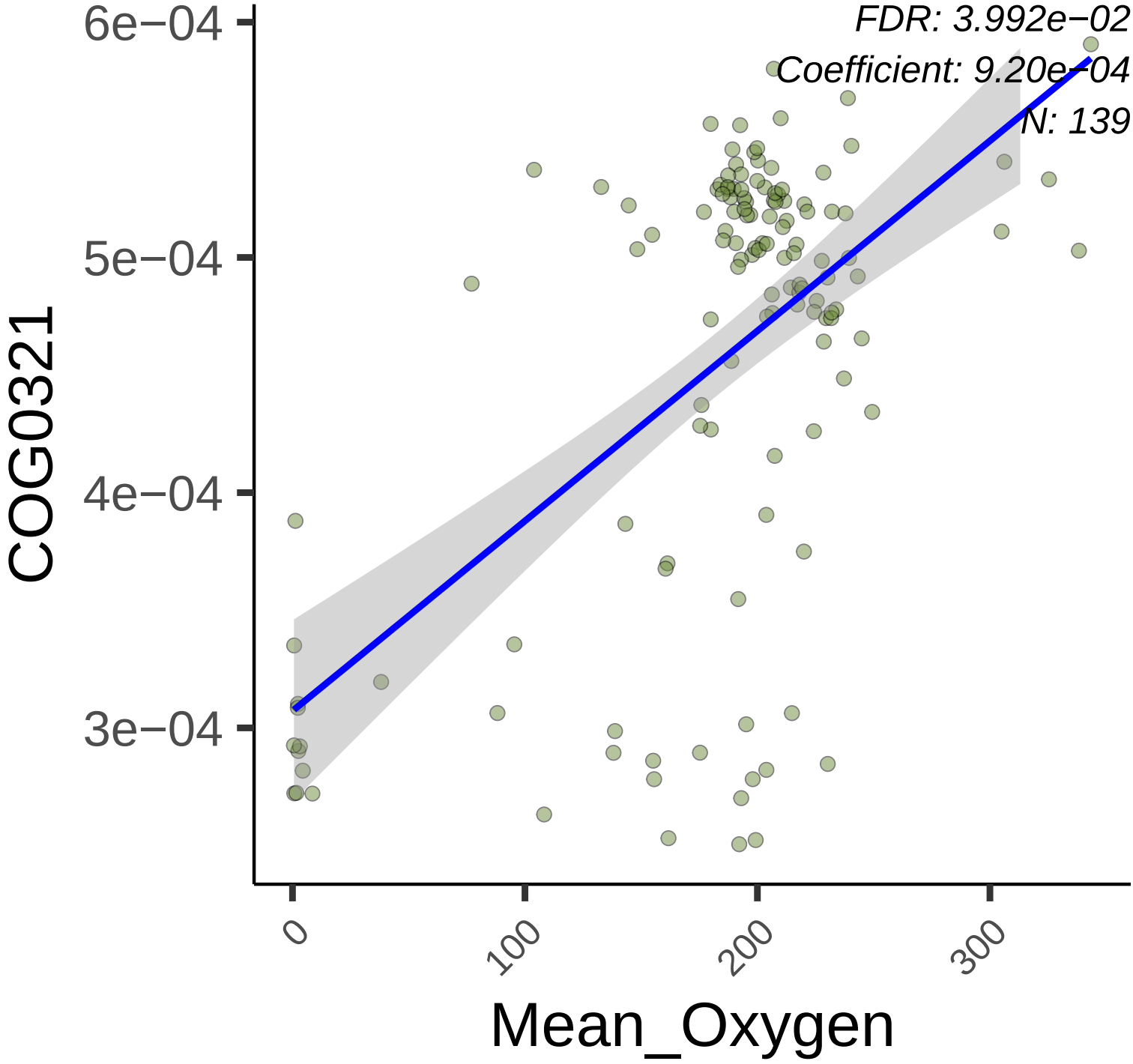
200
300
Mean_Oxygen


FDR: 3.992e−02
Coefficient: 9.20e−04
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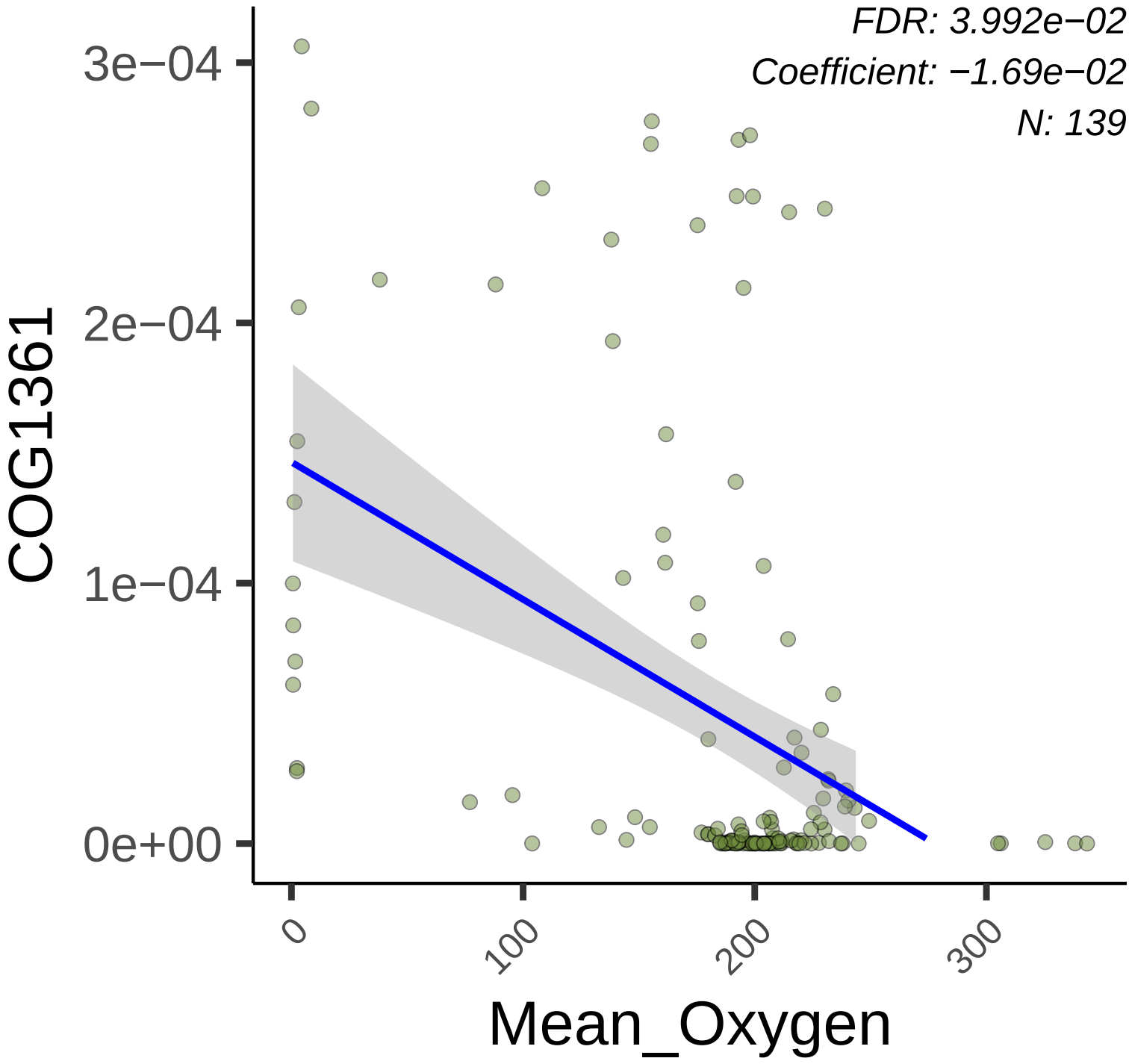
200
300
Mean_Oxygen


FDR: 3.992e−02
Coefficient: −1.69e−02
N: 139
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COG1361
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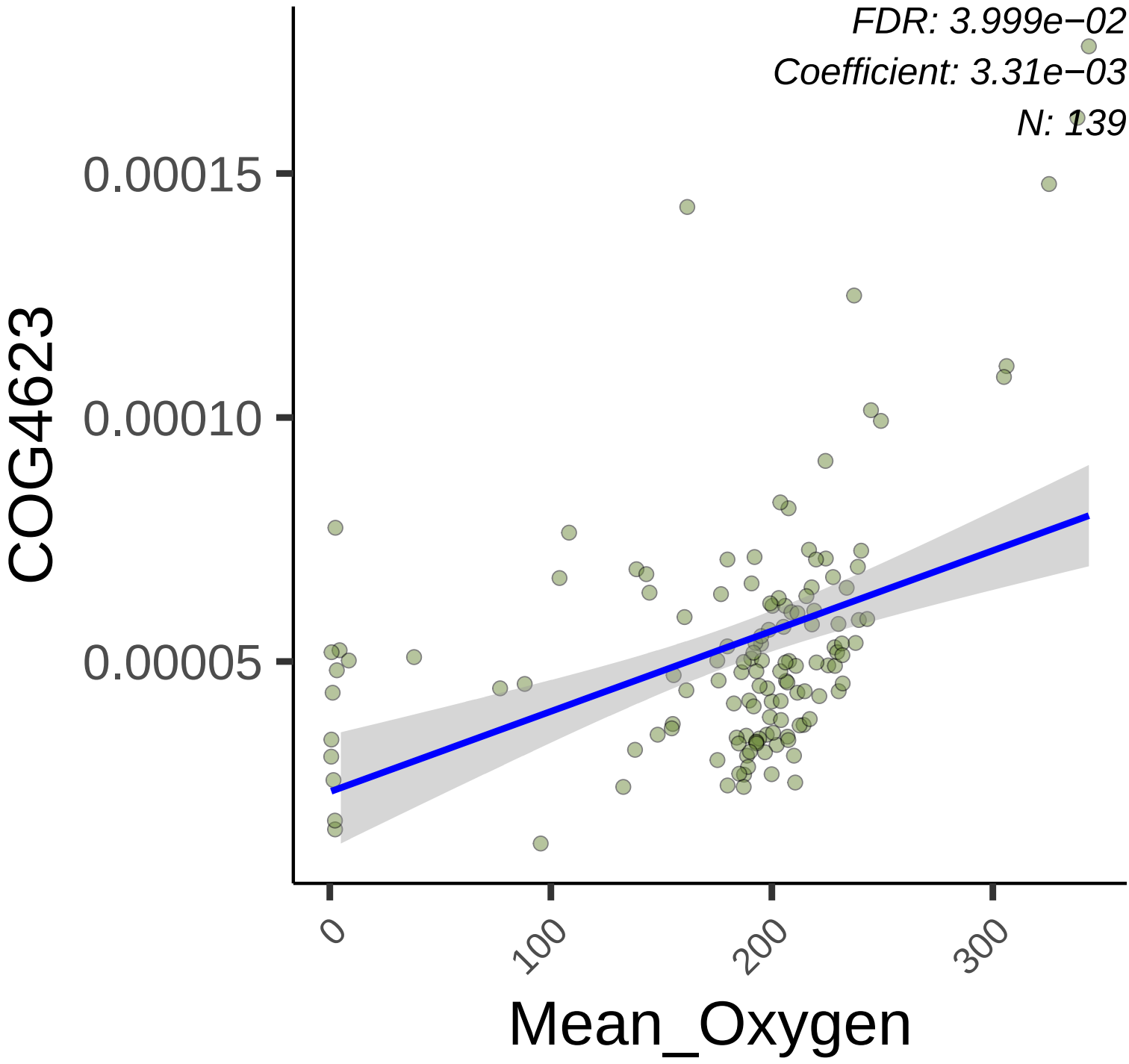
300
Mean_Oxygen


FDR: 3.999e−02
Coefficient: 3.31e−03
N: 139
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COG4623
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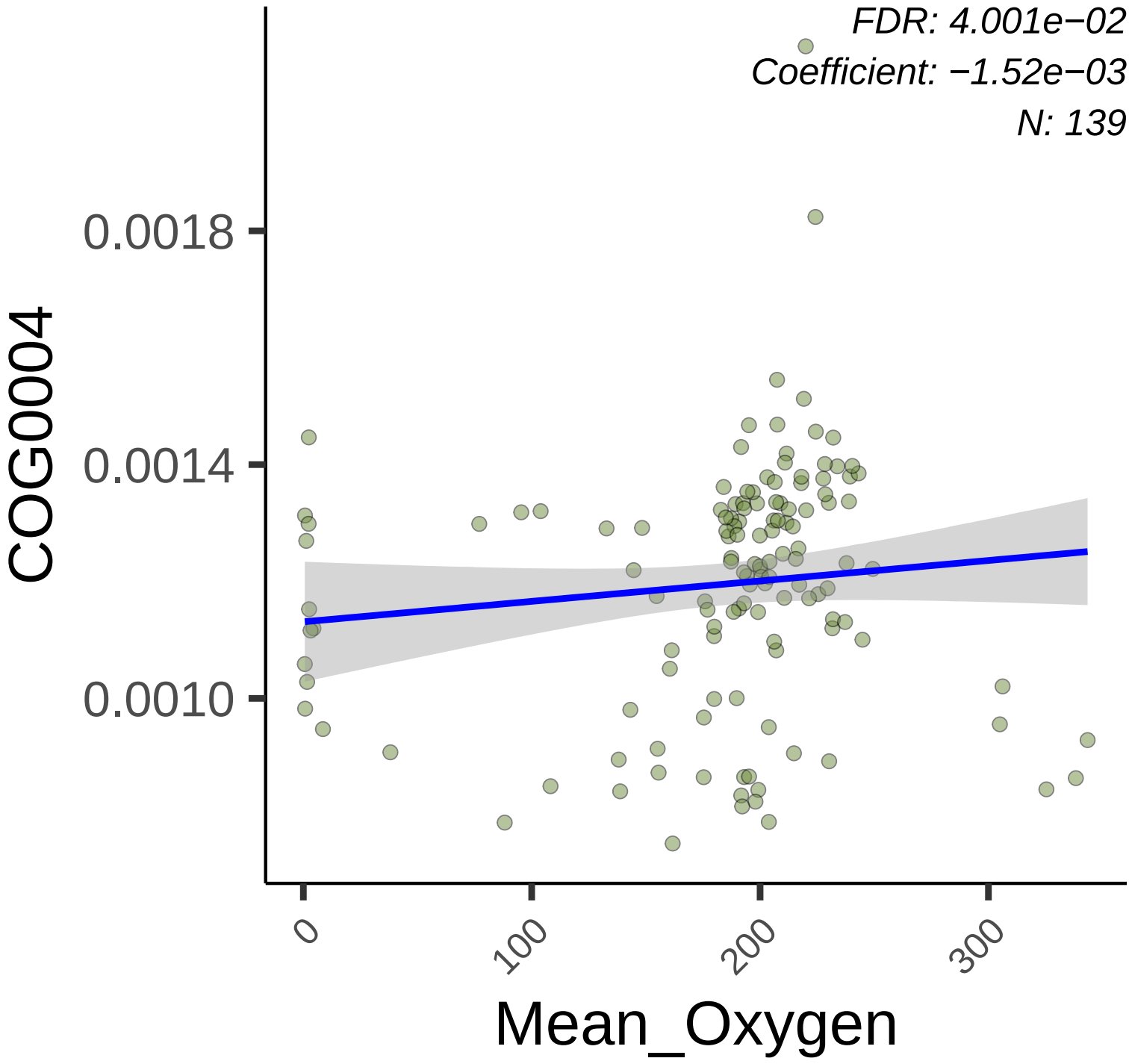
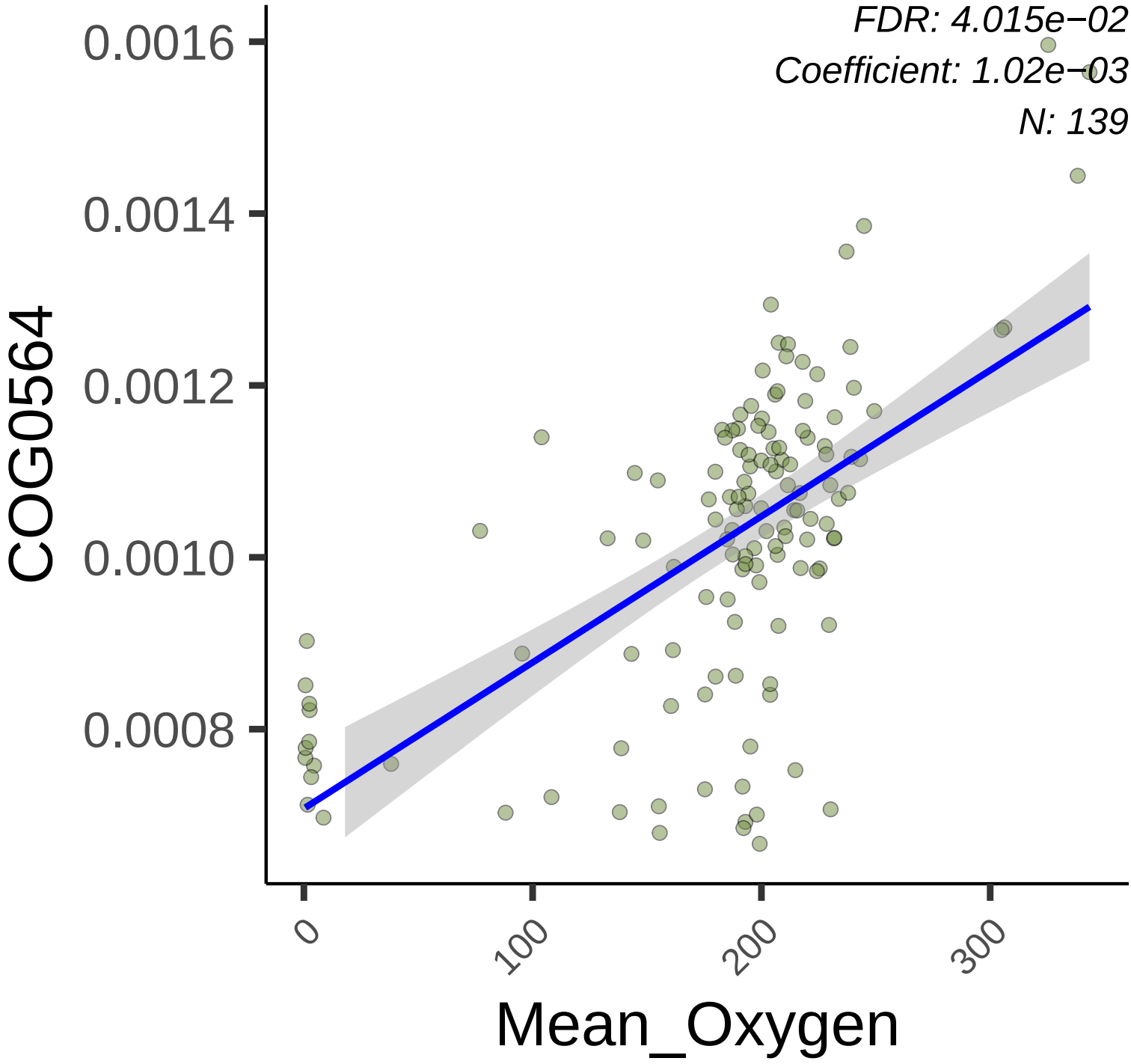
200
300
Mean_Oxygen


FDR: 4.001e−02
Coefficient: −1.52e−03
N: 139
COG0004
0.0018
0.0014
0.0010
0
100
200
300
Mean_Oxygen


FDR: 4.015e−02
Coefficient: 1.02e−03
N: 139
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0.0014
0.0012
0.0010
0.0008
COG0564
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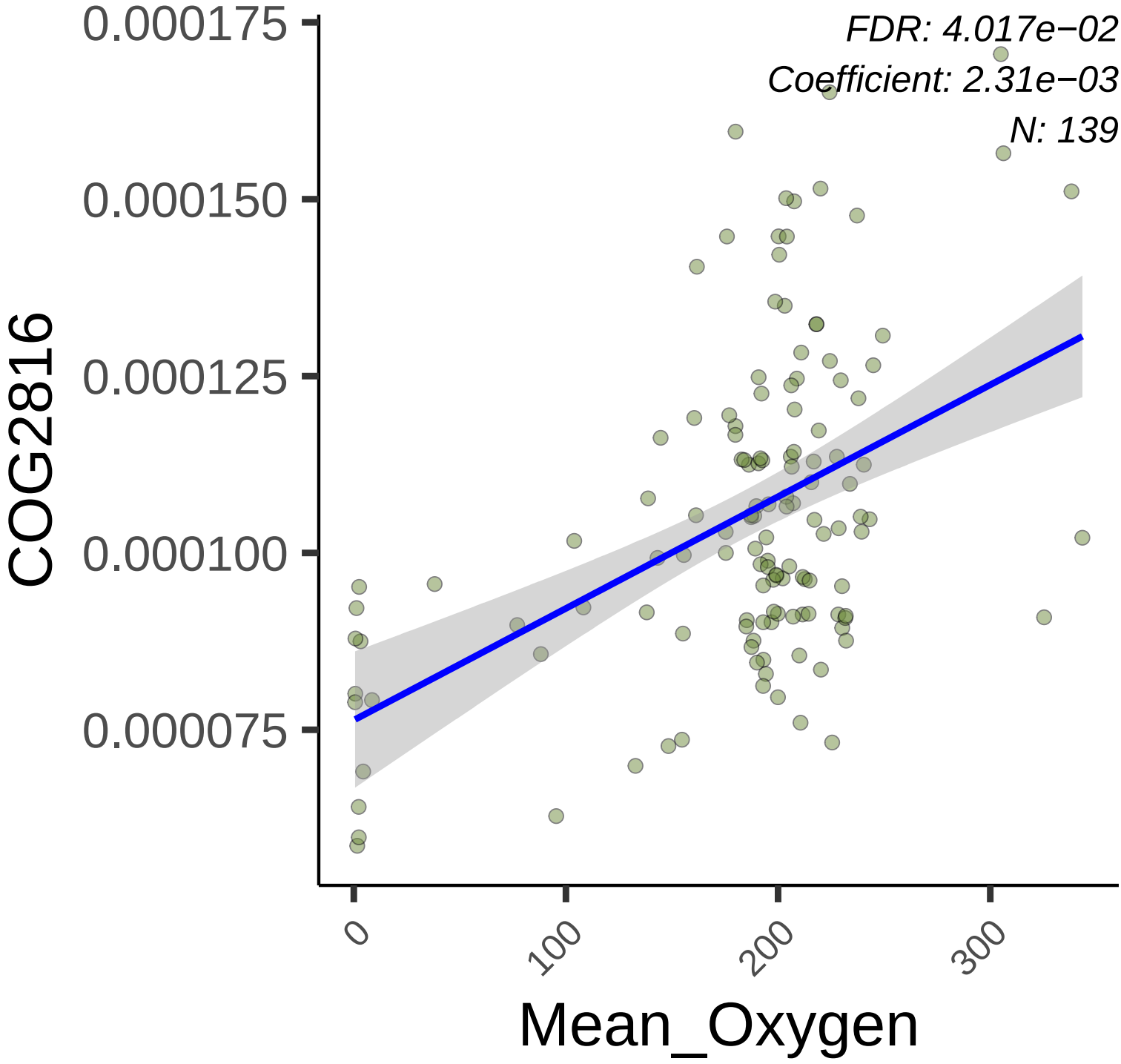
300
Mean_Oxygen


FDR: 4.017e−02
Coefficient: 2.31e−03
N: 139
0.000175
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COG2816
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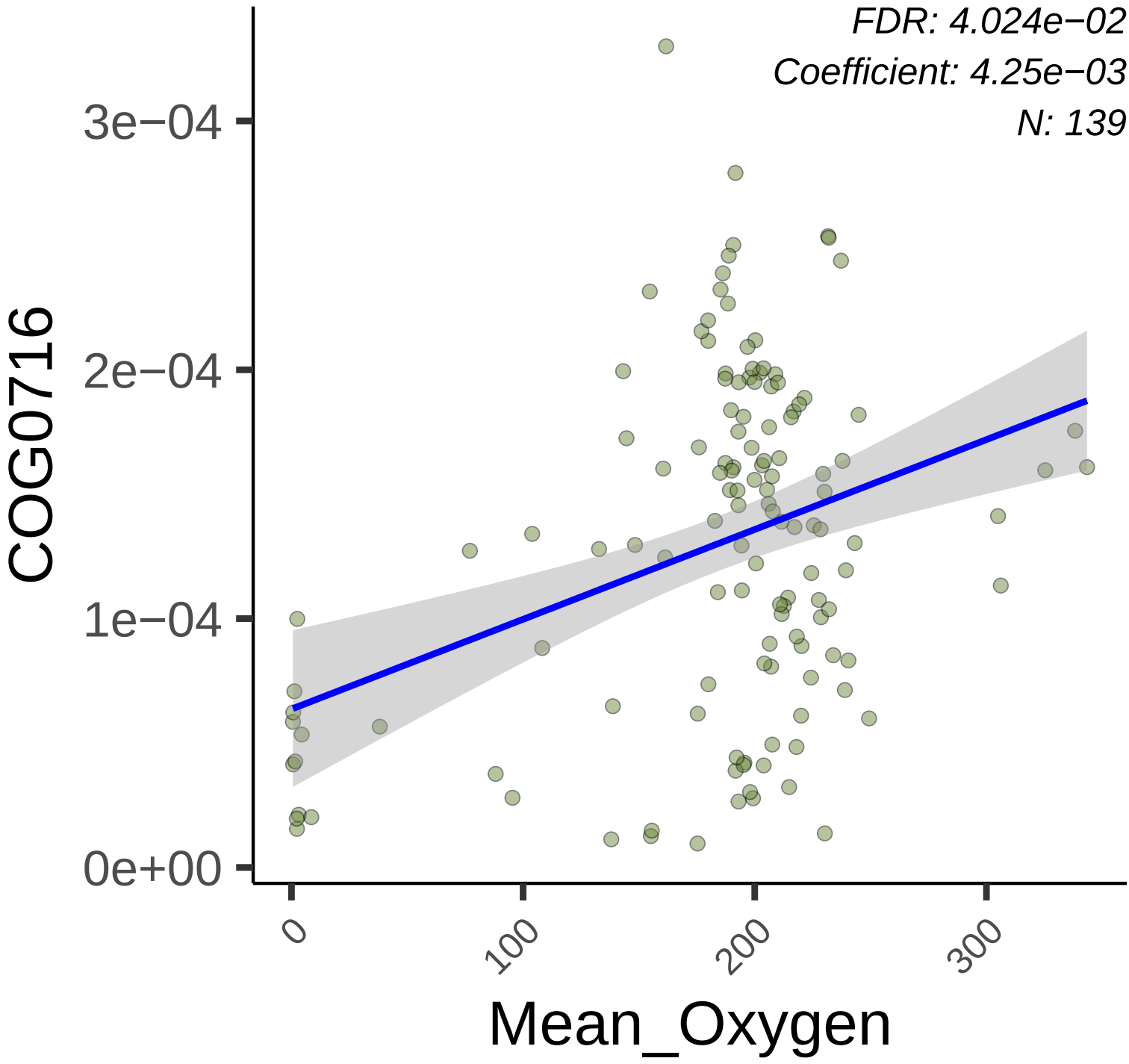
300
Mean_Oxygen


FDR: 4.024e−02
Coefficient: 4.25e−03
N: 139
COG0716
3e−04
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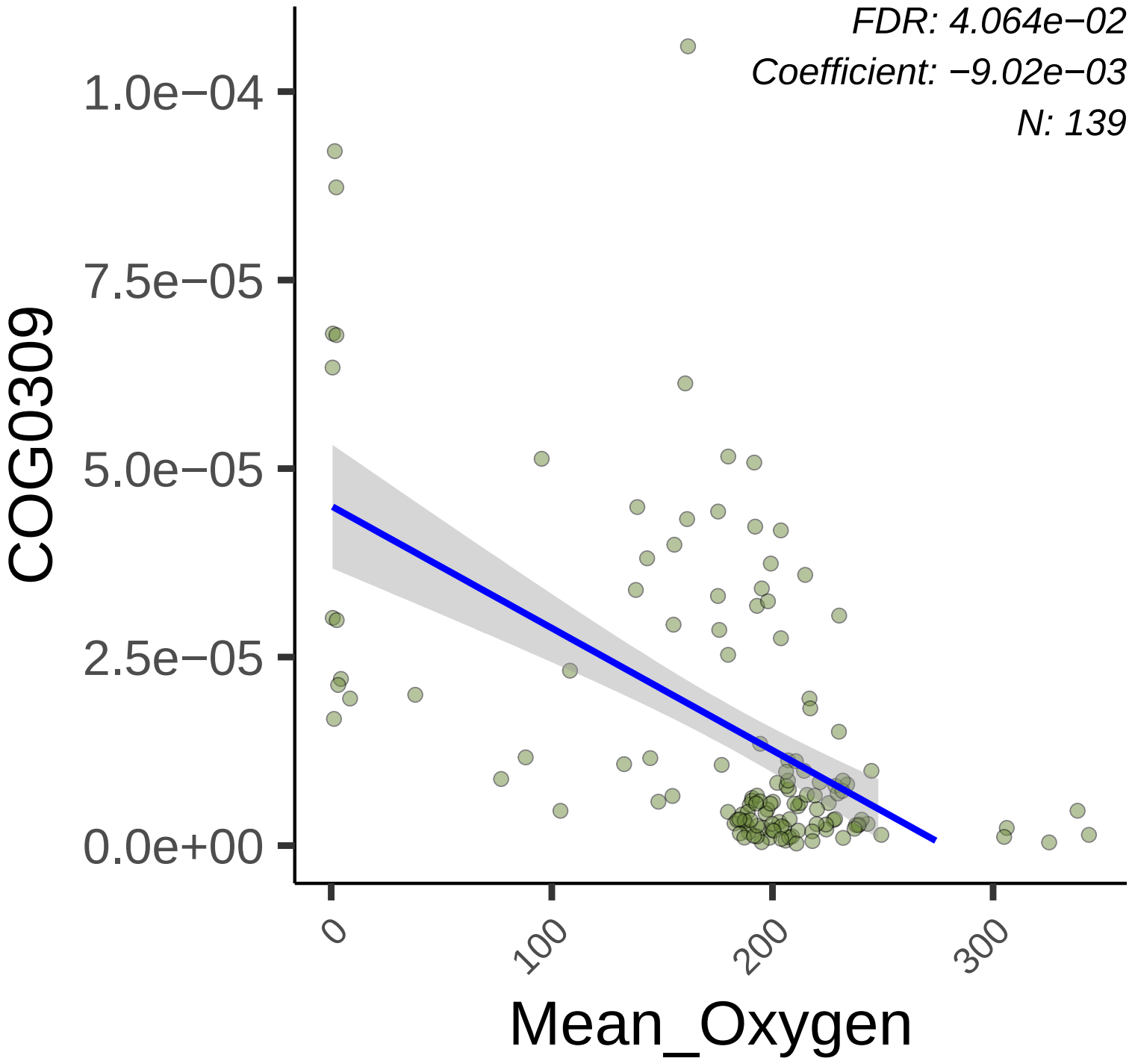
300
Mean_Oxygen


FDR: 4.064e−02
Coefficient: −9.02e−03
N: 139
1.0e−04
7.5e−05
5.0e−05
2.5e−05
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COG0309
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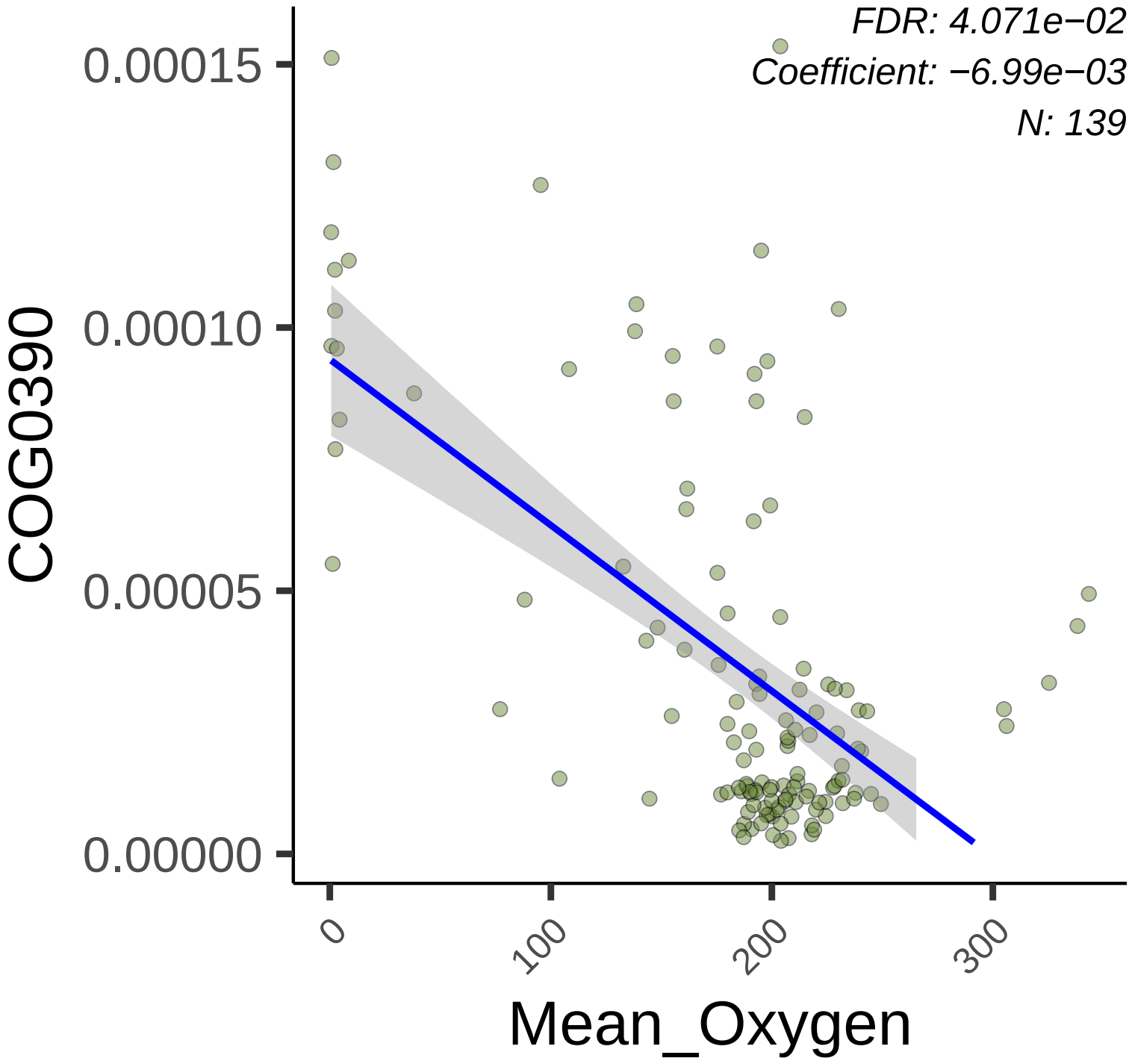
300
Mean_Oxygen


FDR: 4.071e−02
Coefficient: −6.99e−03
N: 139
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COG0390
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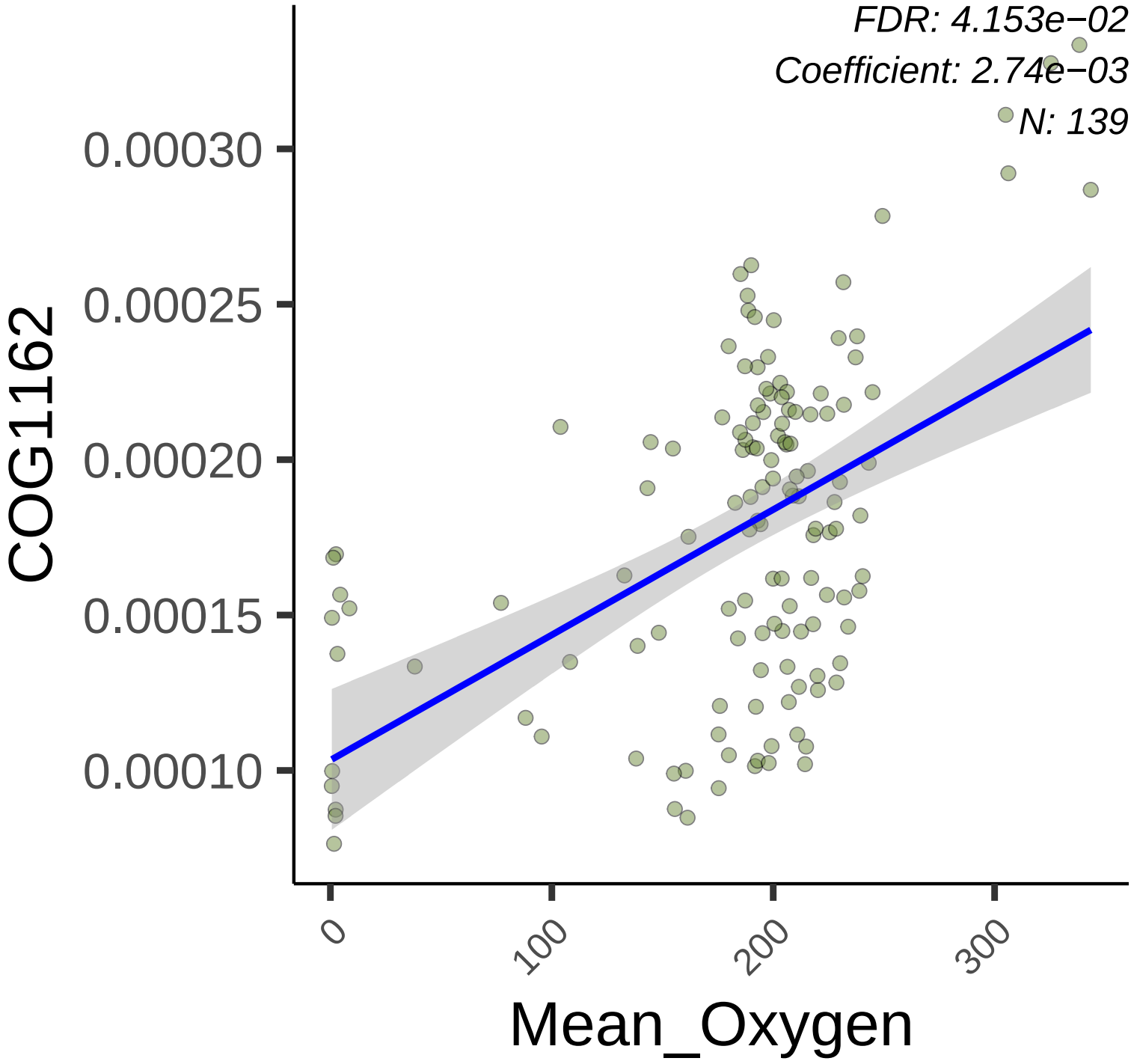
Mean_Oxygen


FDR: 4.153e−02
Coefficient: 2.74e−03
N: 139
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0.00025
0.00020
0.00015
0.00010
COG1162
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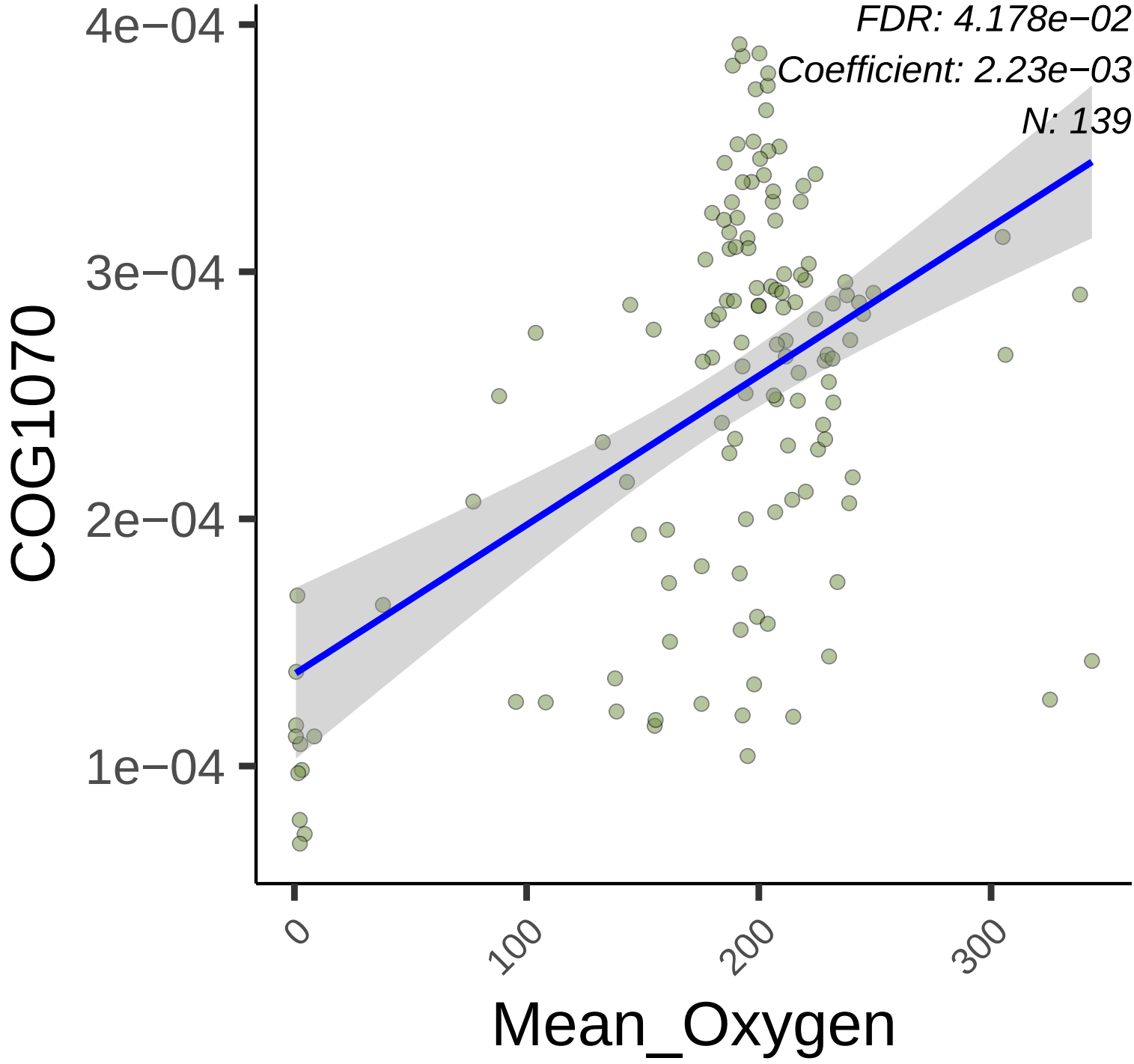
300
Mean_Oxygen


FDR: 4.178e−02
Coefficient: 2.23e−03
N: 139
4e−04
3e−04
2e−04
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COG1070
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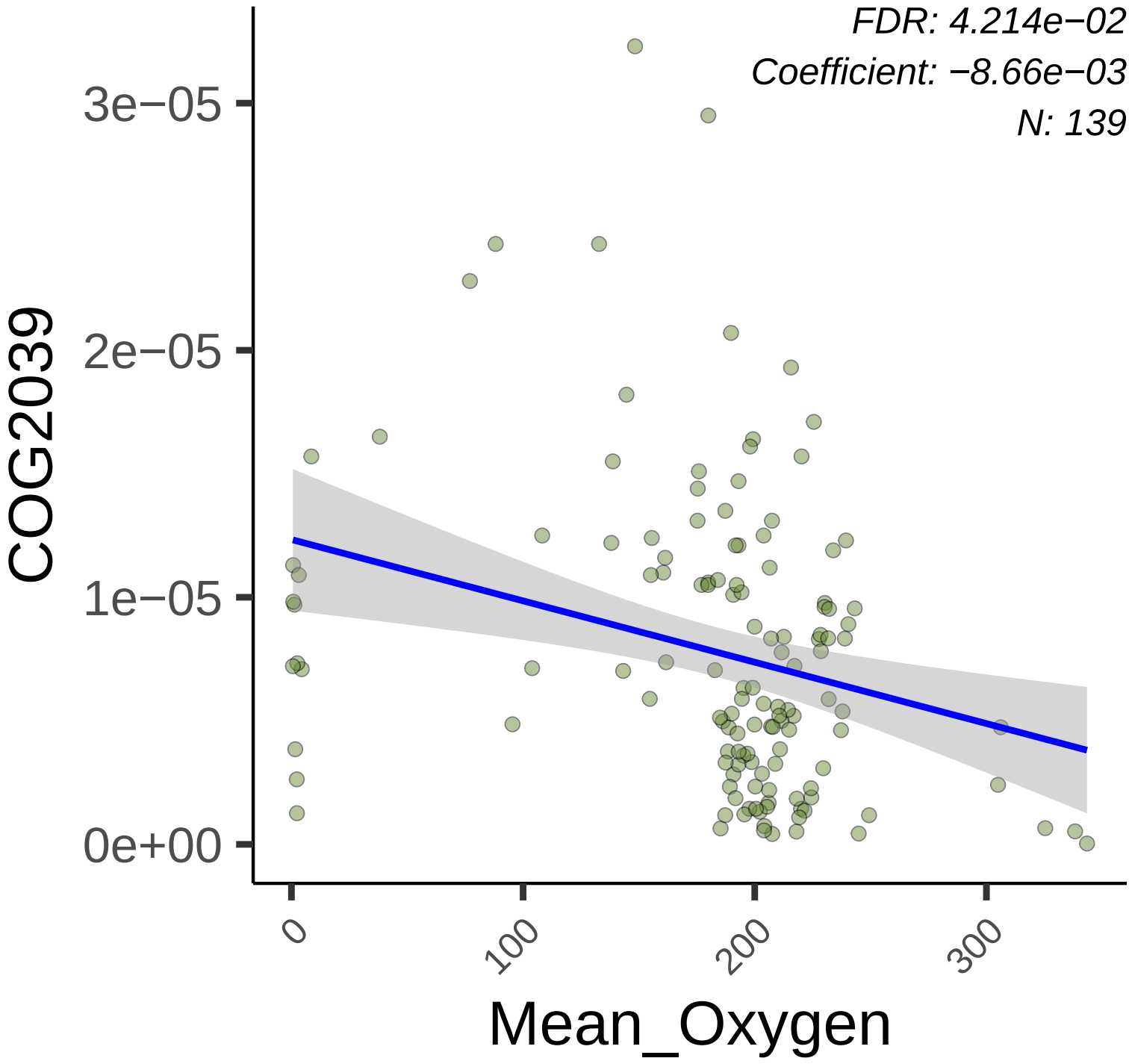
200
300
Mean_Oxygen


FDR: 4.214e−02
Coefficient: −8.66e−03
N: 139
COG2039
3e−05
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1e−05
0e+00
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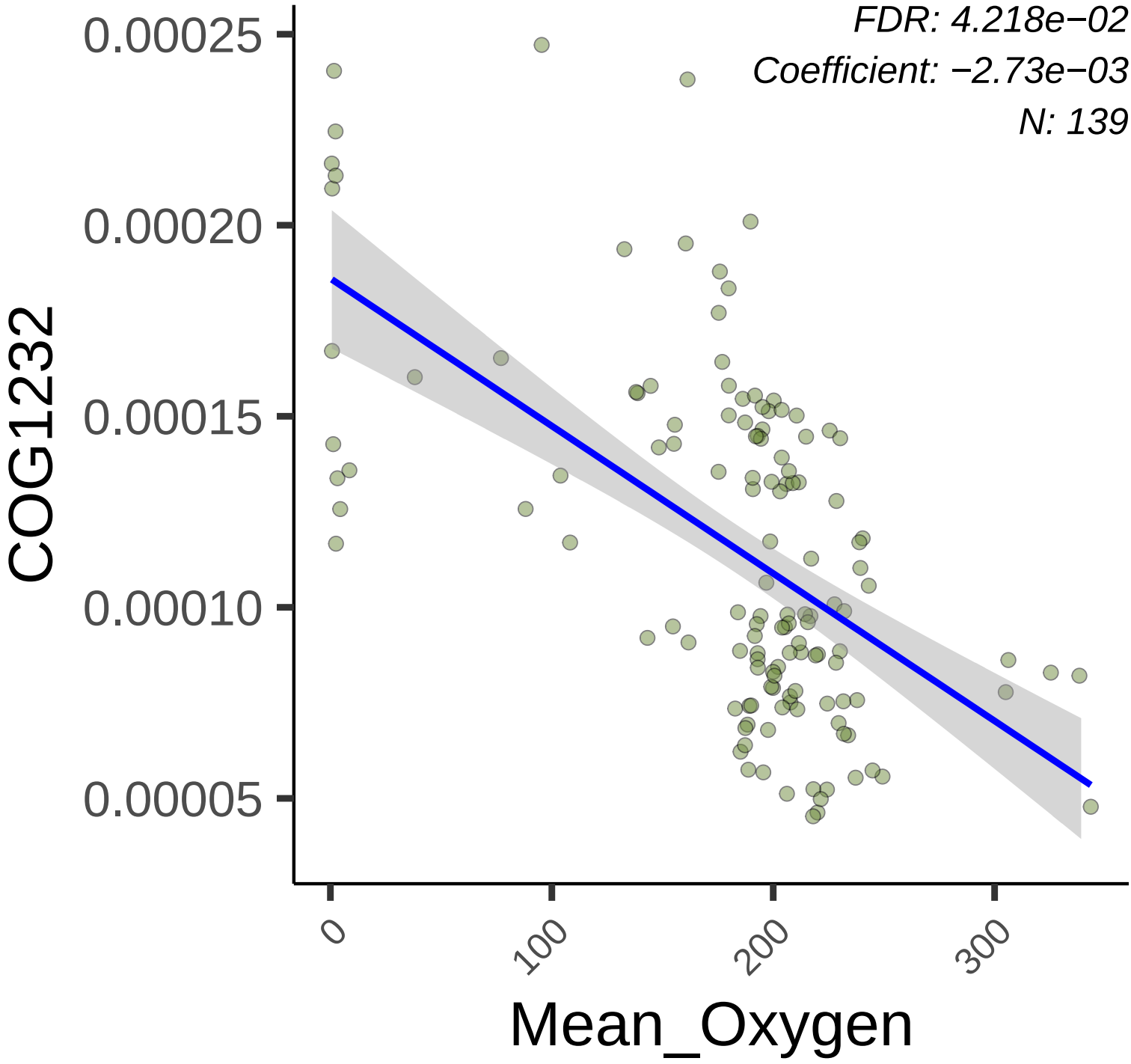
200
300
Mean_Oxygen


FDR: 4.218e−02
Coefficient: −2.73e−03
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0.00020
0.00015
0.00010
0.00005
COG1232
0
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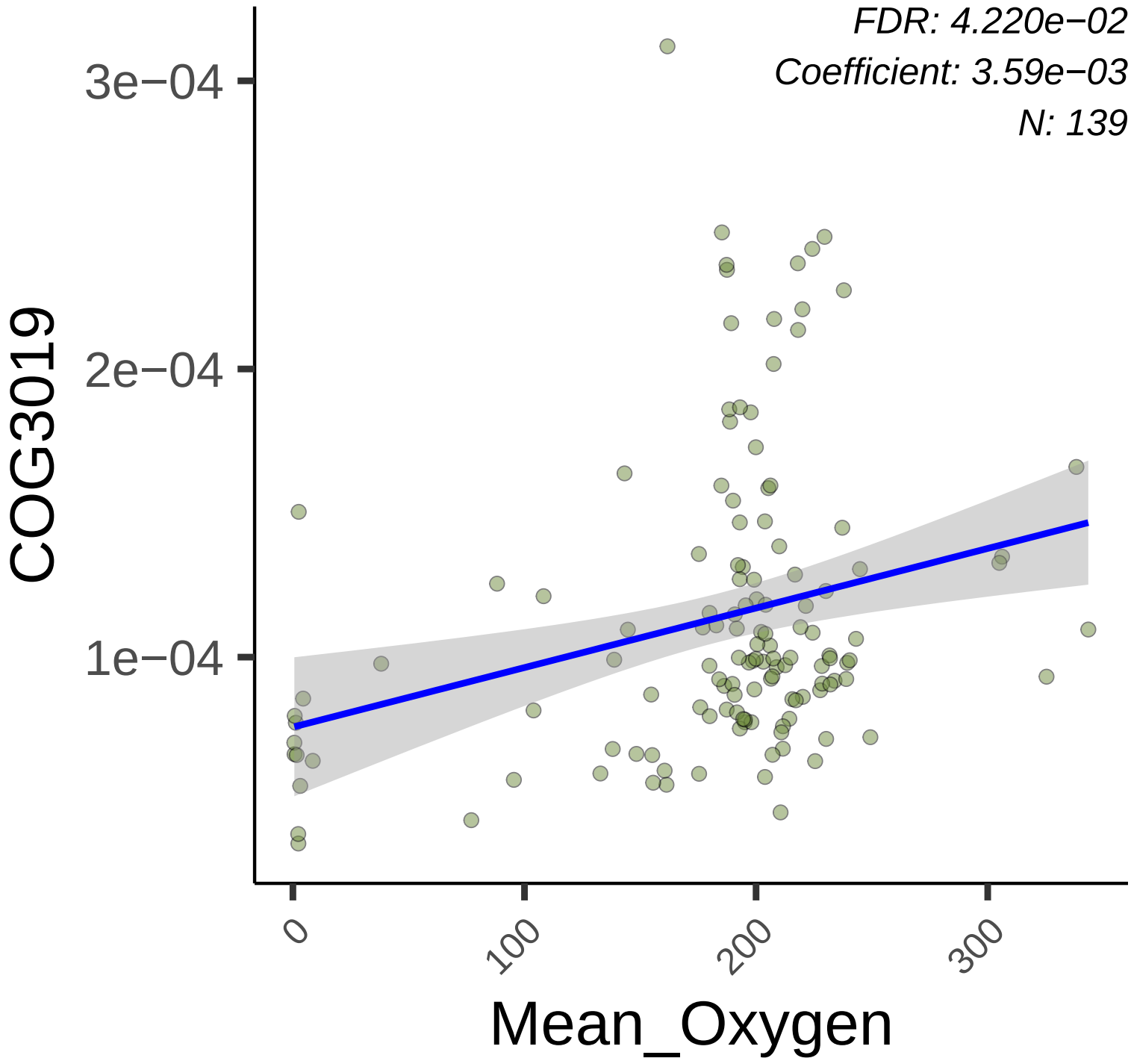
200
300
Mean_Oxygen


FDR: 4.220e−02
Coefficient: 3.59e−03
N: 139
3e−04
2e−04
1e−04
COG3019
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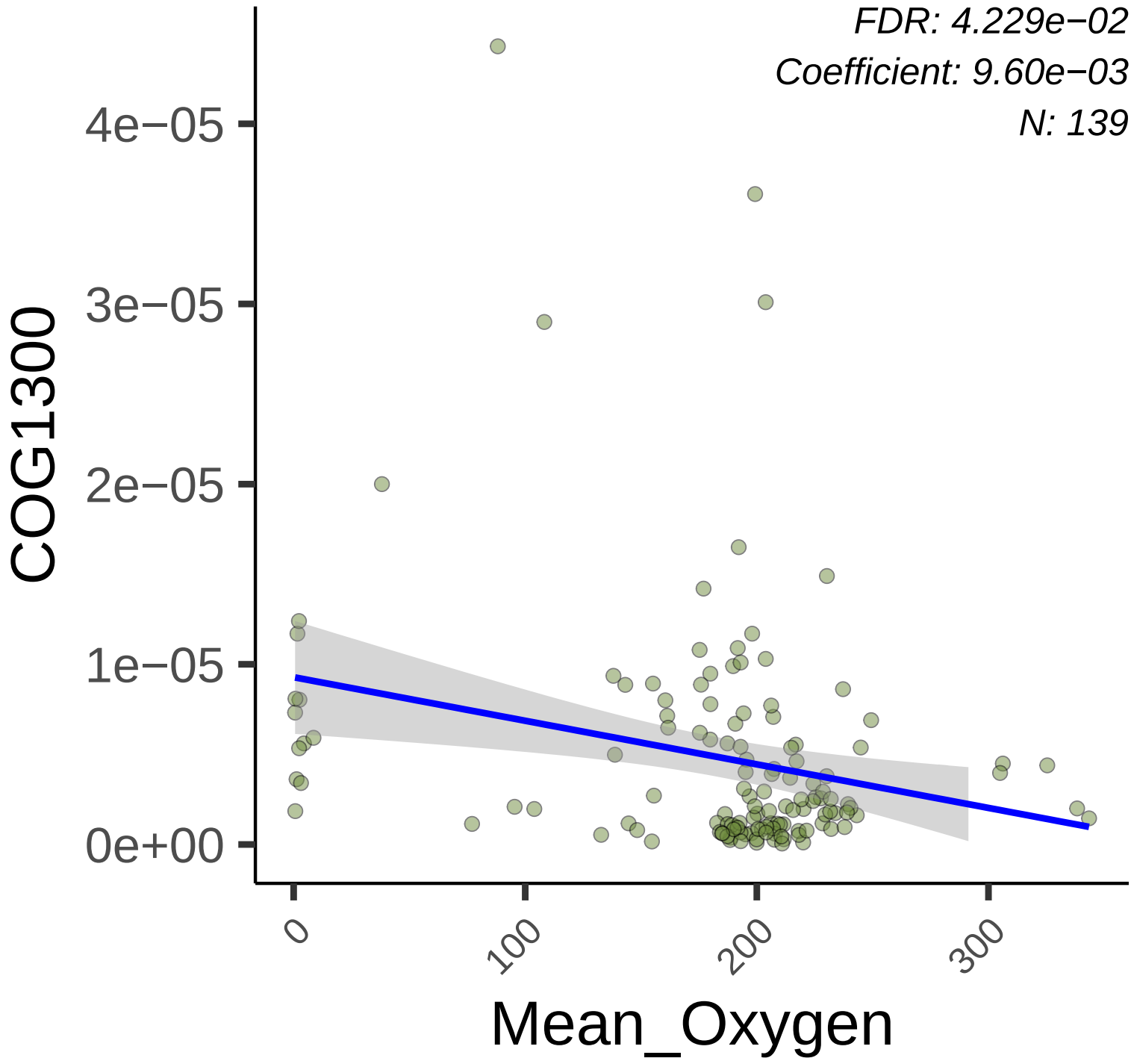
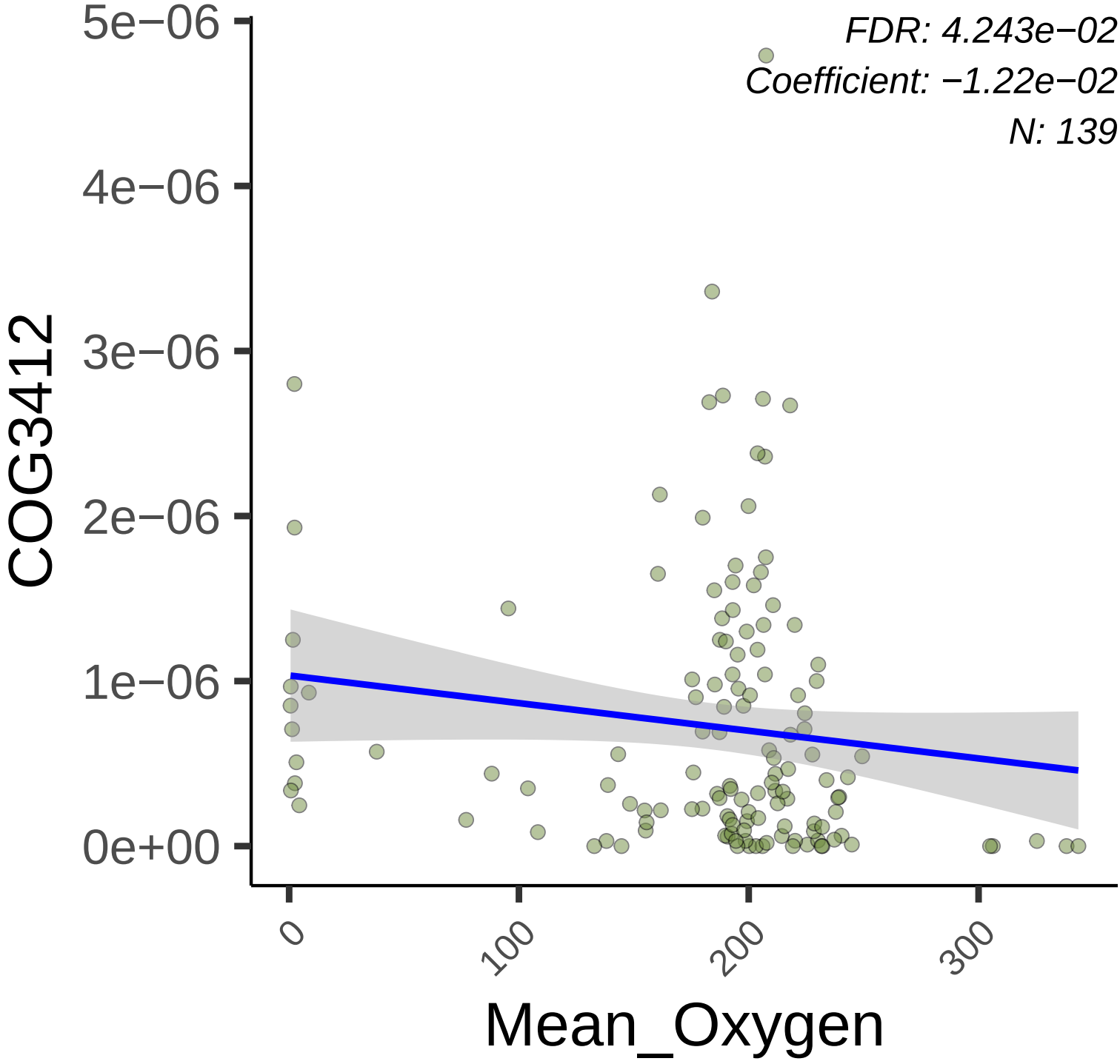
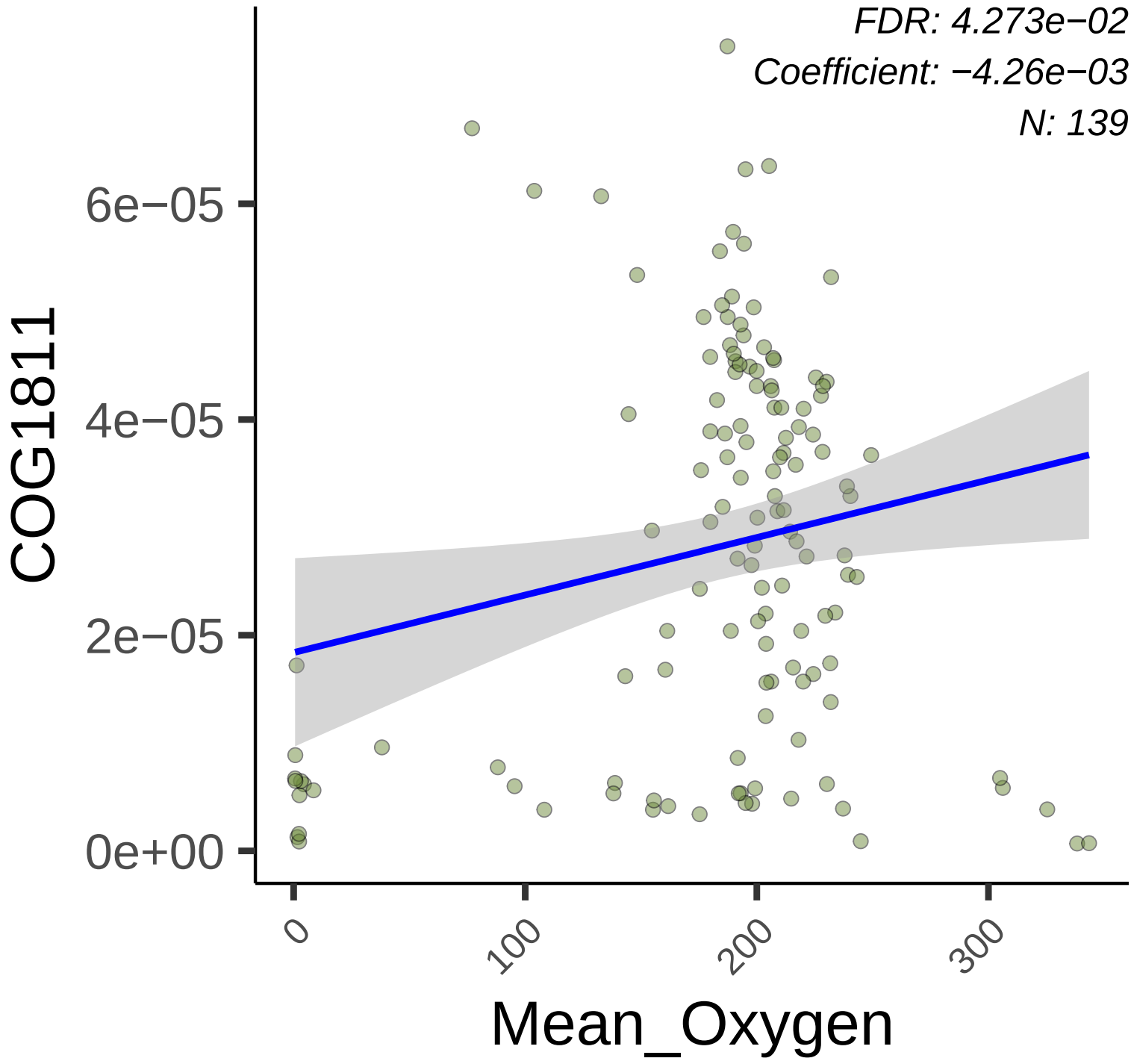
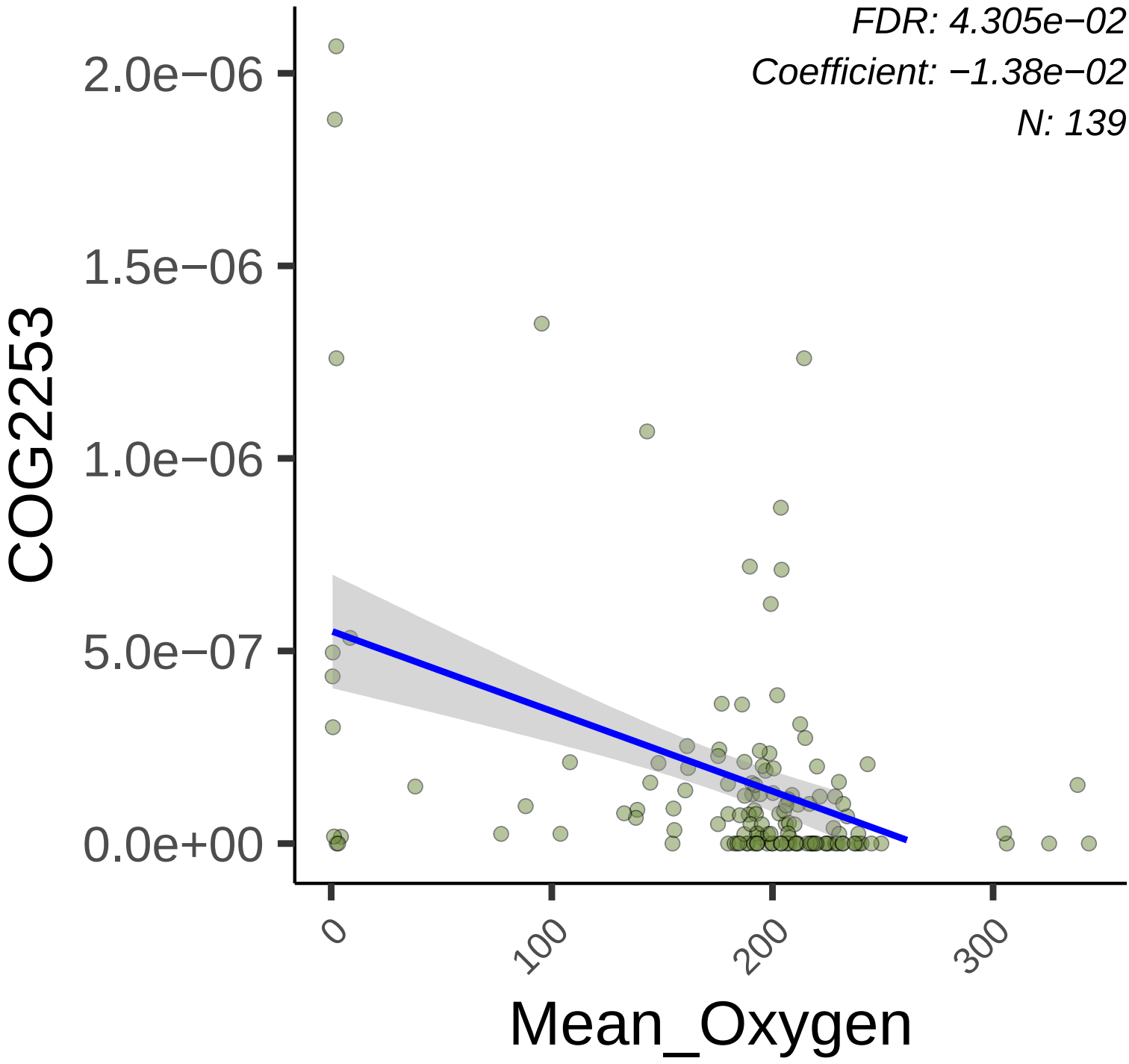
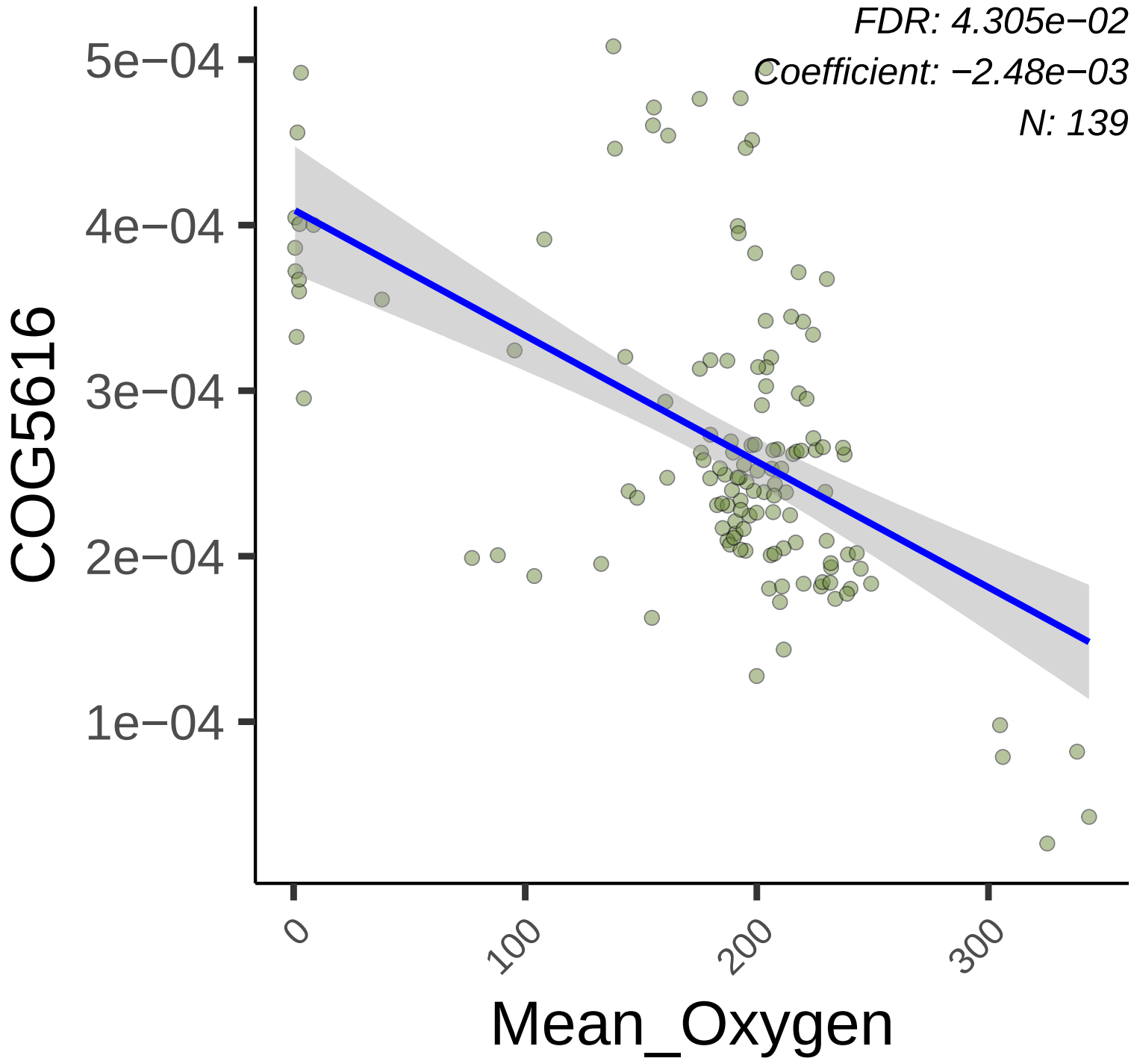
100
200
300
Mean_Oxygen


FDR: 4.229e−02
Coefficient: 9.60e−03
N: 139
COG1300
4e−05
3e−05
2e−05
1e−05
0e+00
0
100
200
300
Mean_Oxygen


FDR: 4.243e−02
Coefficient: −1.22e−02
N: 139
COG3412
5e−06
4e−06
3e−06
2e−06
1e−06
0e+00
0
100
200
300
Mean_Oxygen


FDR: 4.273e−02
Coefficient: −4.26e−03
N: 139
COG1811
6e−05
4e−05
2e−05
0e+00
0
100
200
300
Mean_Oxygen


FDR: 4.305e−02
Coefficient: −1.38e−02
N: 139
COG2253
2.0e−06
1.5e−06
1.0e−06
5.0e−07
0.0e+00
0
100
200
300
Mean_Oxygen


FDR: 4.305e−02
Coefficient: −2.48e−03
N: 139
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4e−04
3e−04
2e−04
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COG5616
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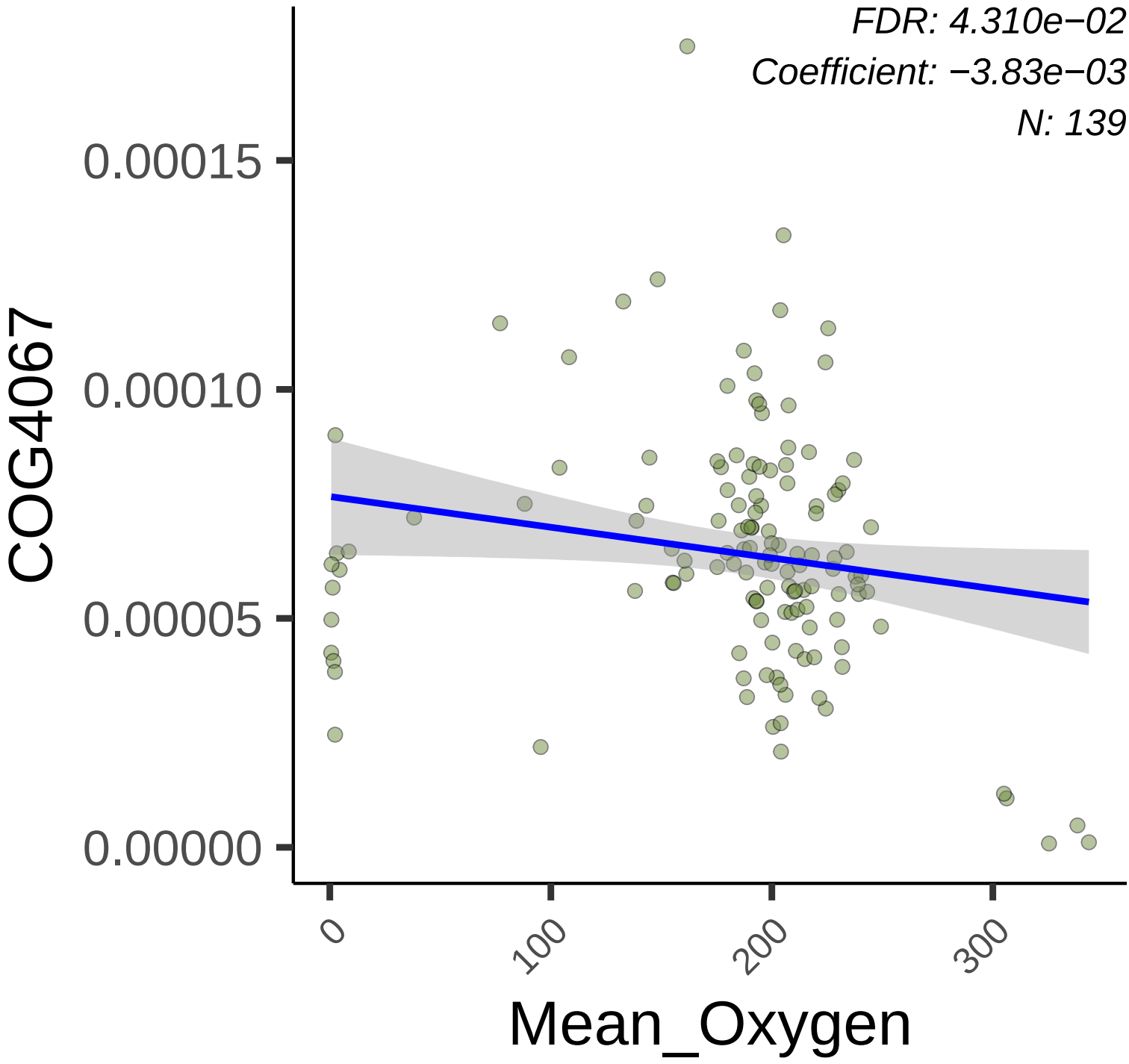
100
200
300
Mean_Oxygen


FDR: 4.310e−02
Coefficient: −3.83e−03
N: 139
COG4067
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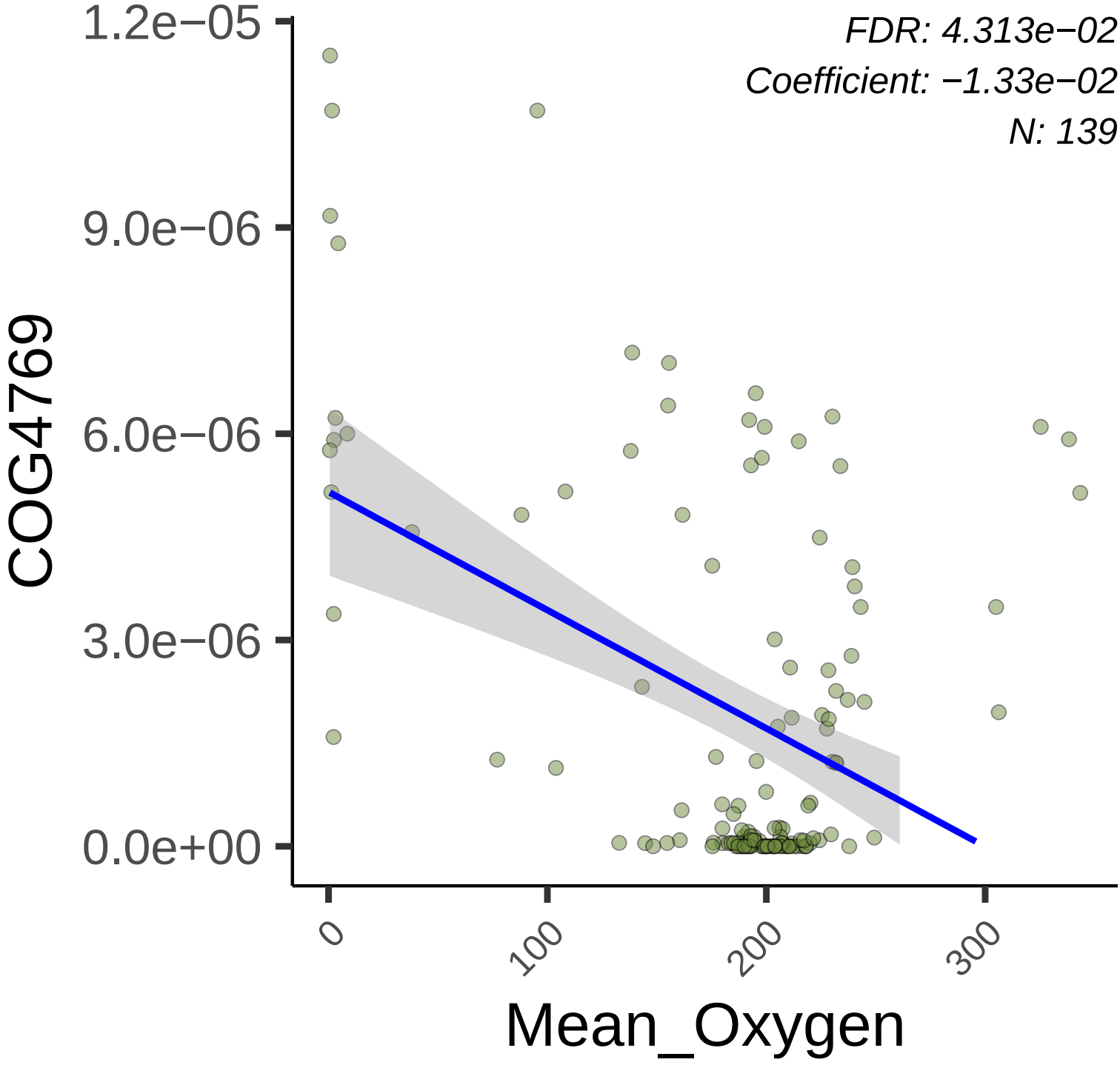
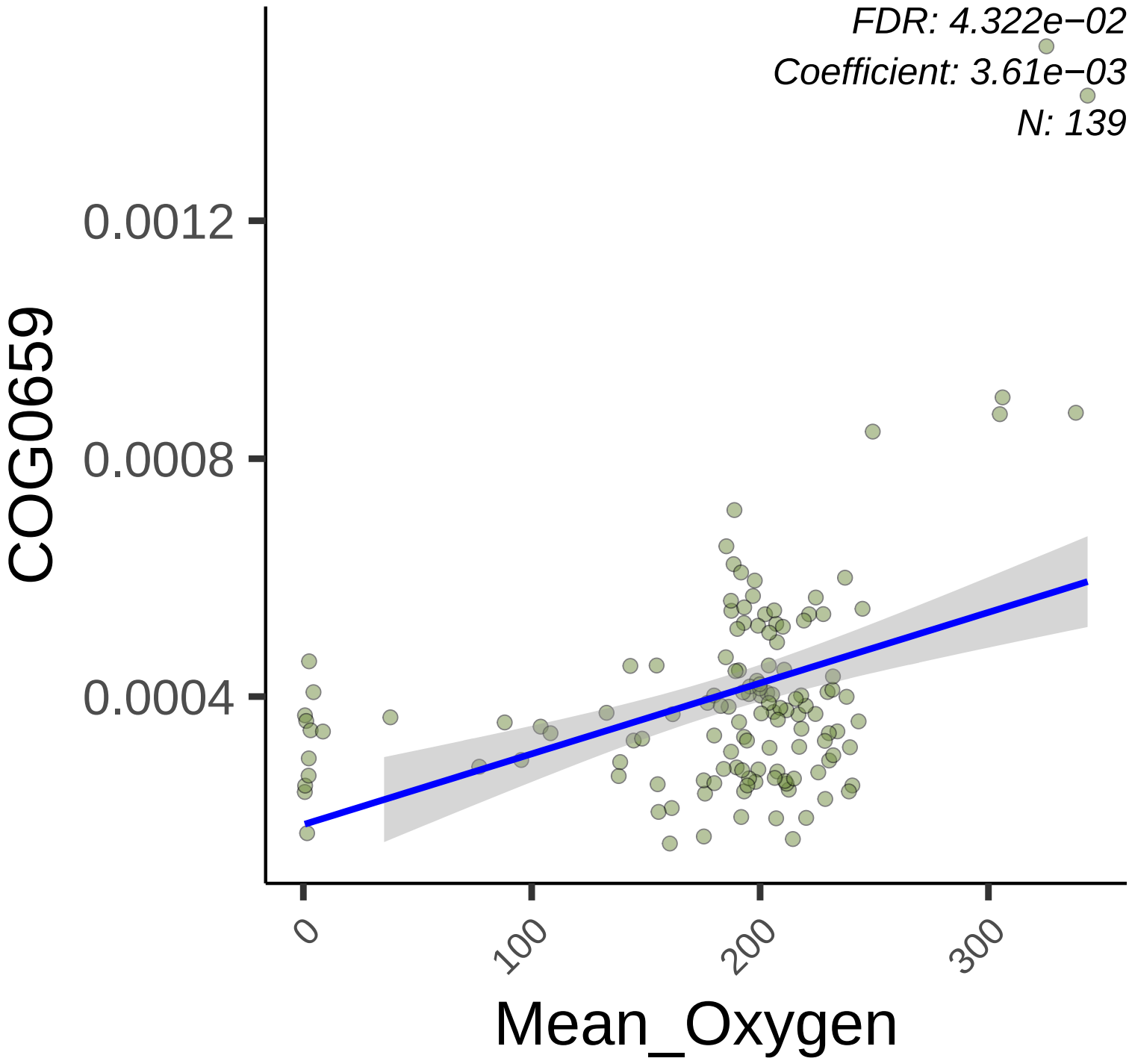
0.00000
0
100
200
300
Mean_Oxygen


FDR: 4.313e−02
Coefficient: −1.33e−02
N: 139
1.2e−05
9.0e−06
6.0e−06
3.0e−06
0.0e+00
COG4769
0
100
200
300
Mean_Oxygen


FDR: 4.322e−02
Coefficient: 3.61e−03
N: 139
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0.0008
0.0004
COG0659
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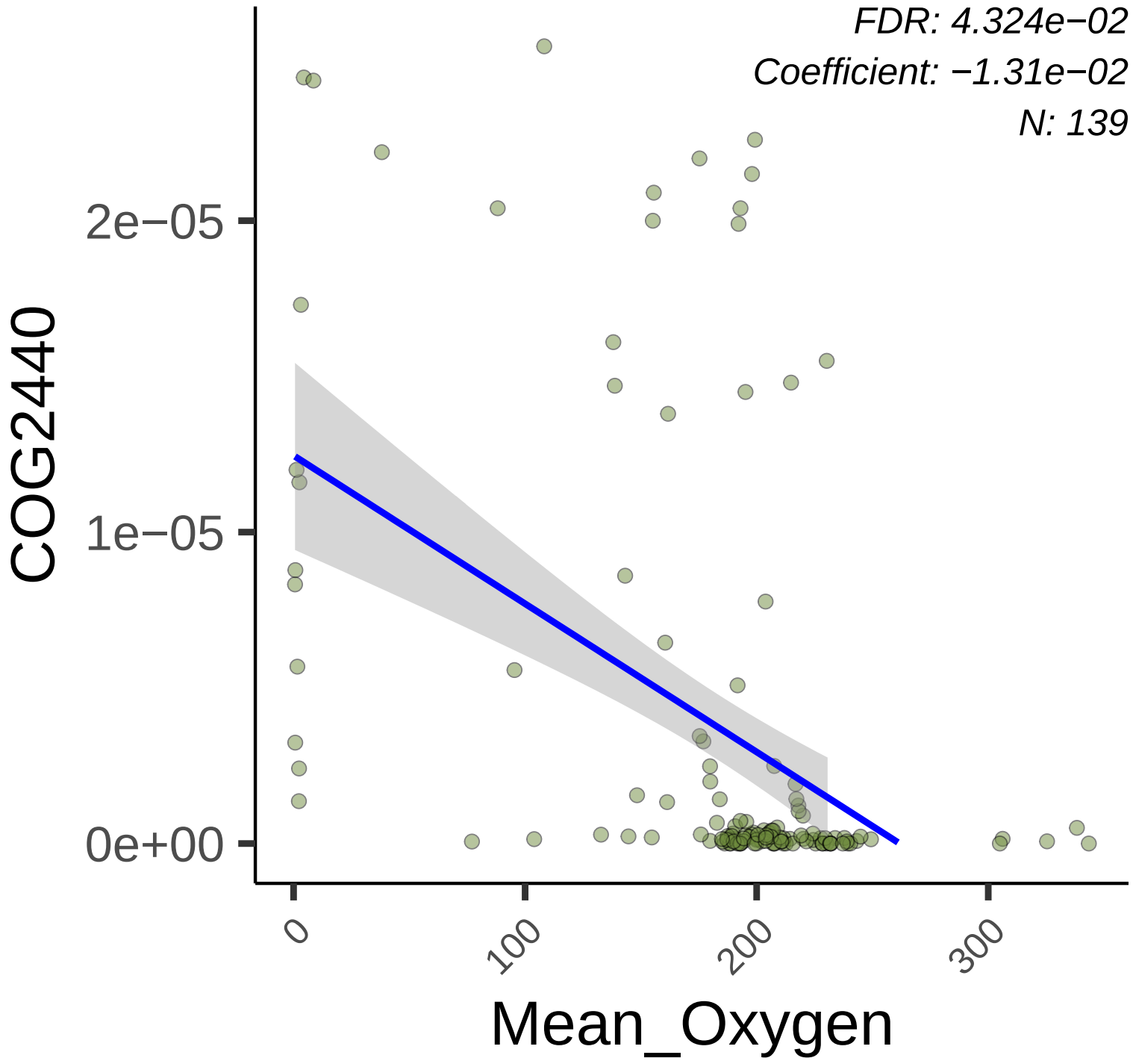
200
300
Mean_Oxygen


FDR: 4.324e−02
Coefficient: −1.31e−02
N: 139
COG2440
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0e+00
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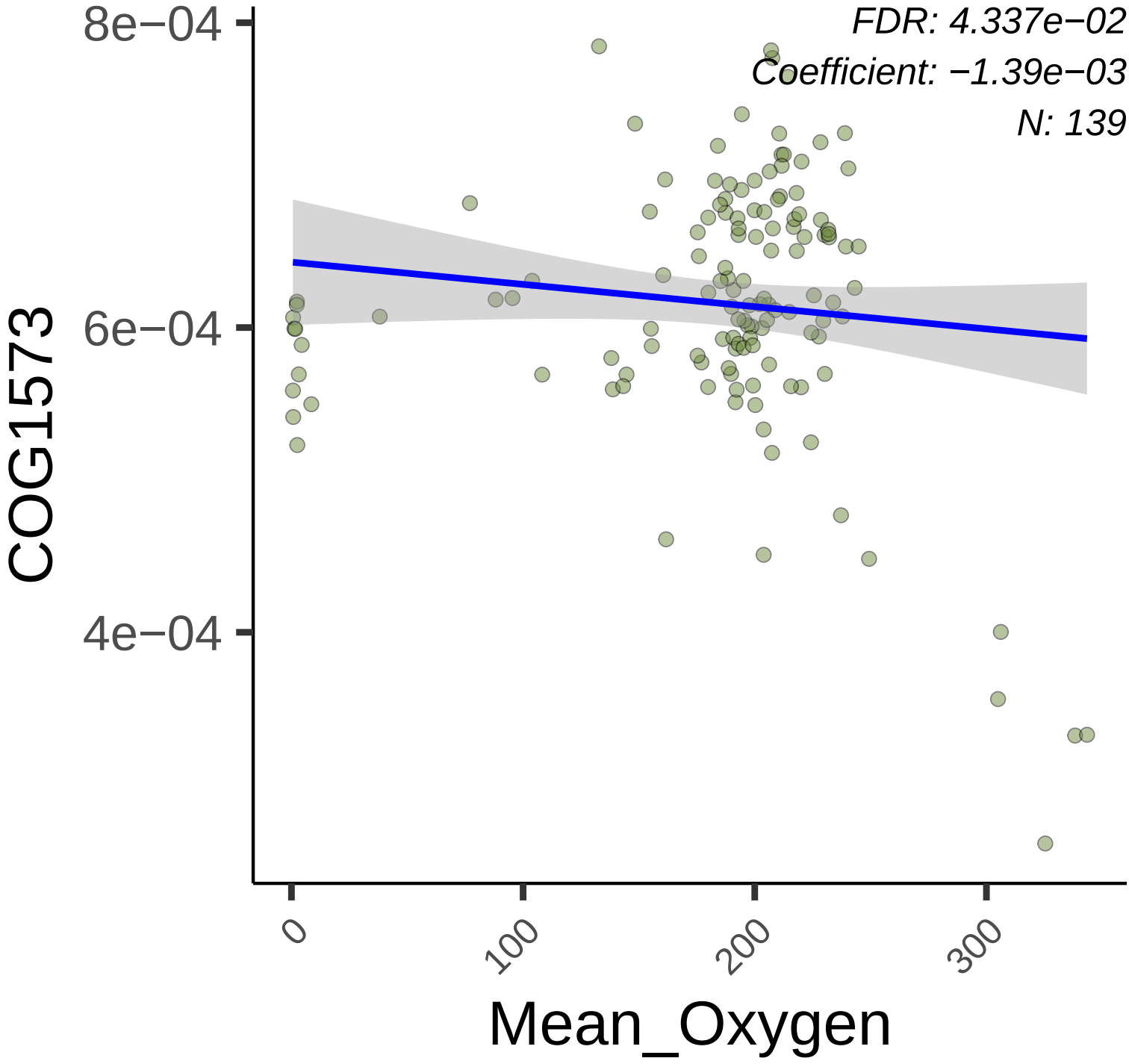
200
300
Mean_Oxygen


FDR: 4.337e−02
Coefficient: −1.39e−03
N: 139
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6e−04
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COG1573
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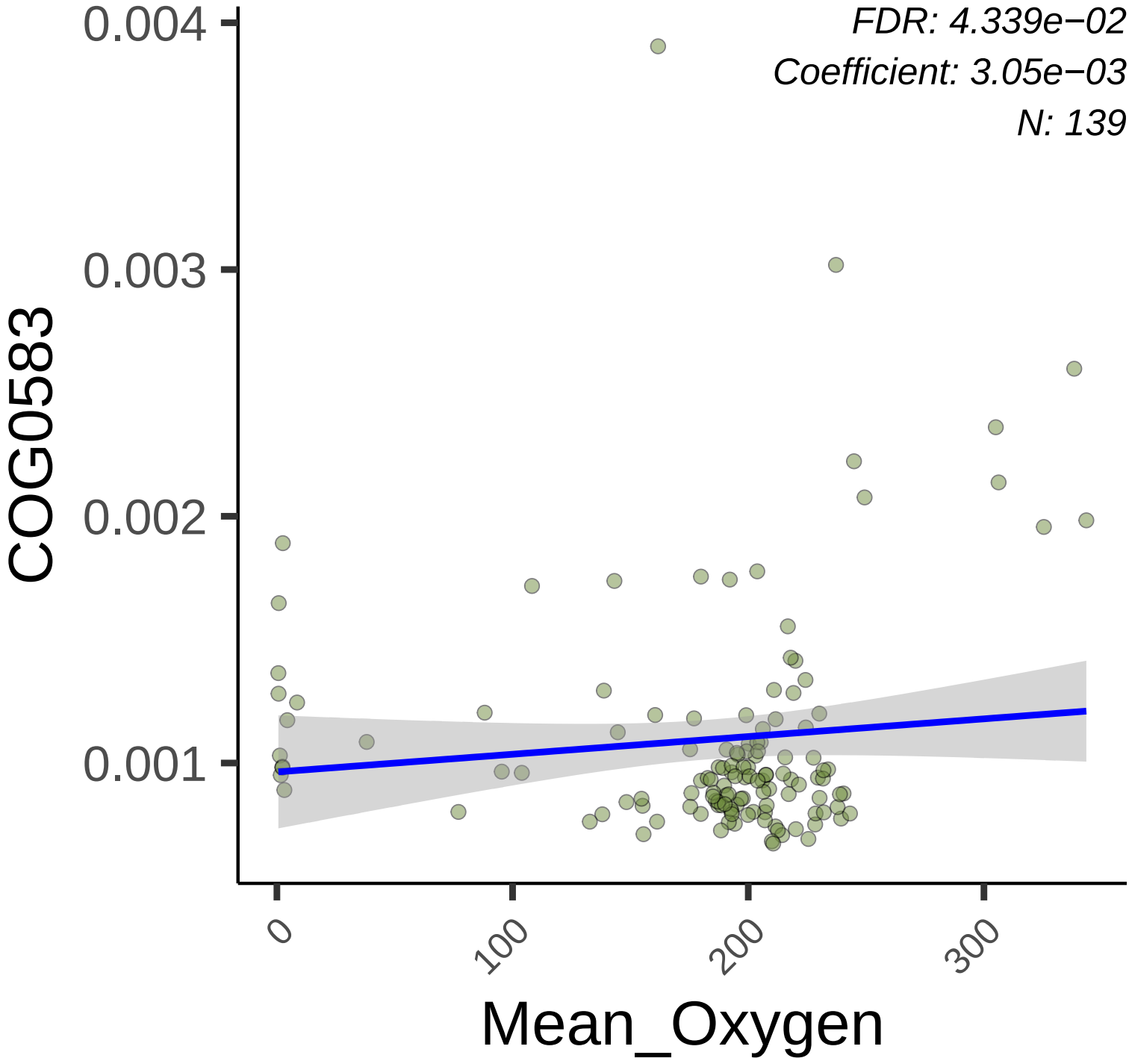
100
200
300
Mean_Oxygen


FDR: 4.339e−02
Coefficient: 3.05e−03
N: 139
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0.003
0.002
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COG0583
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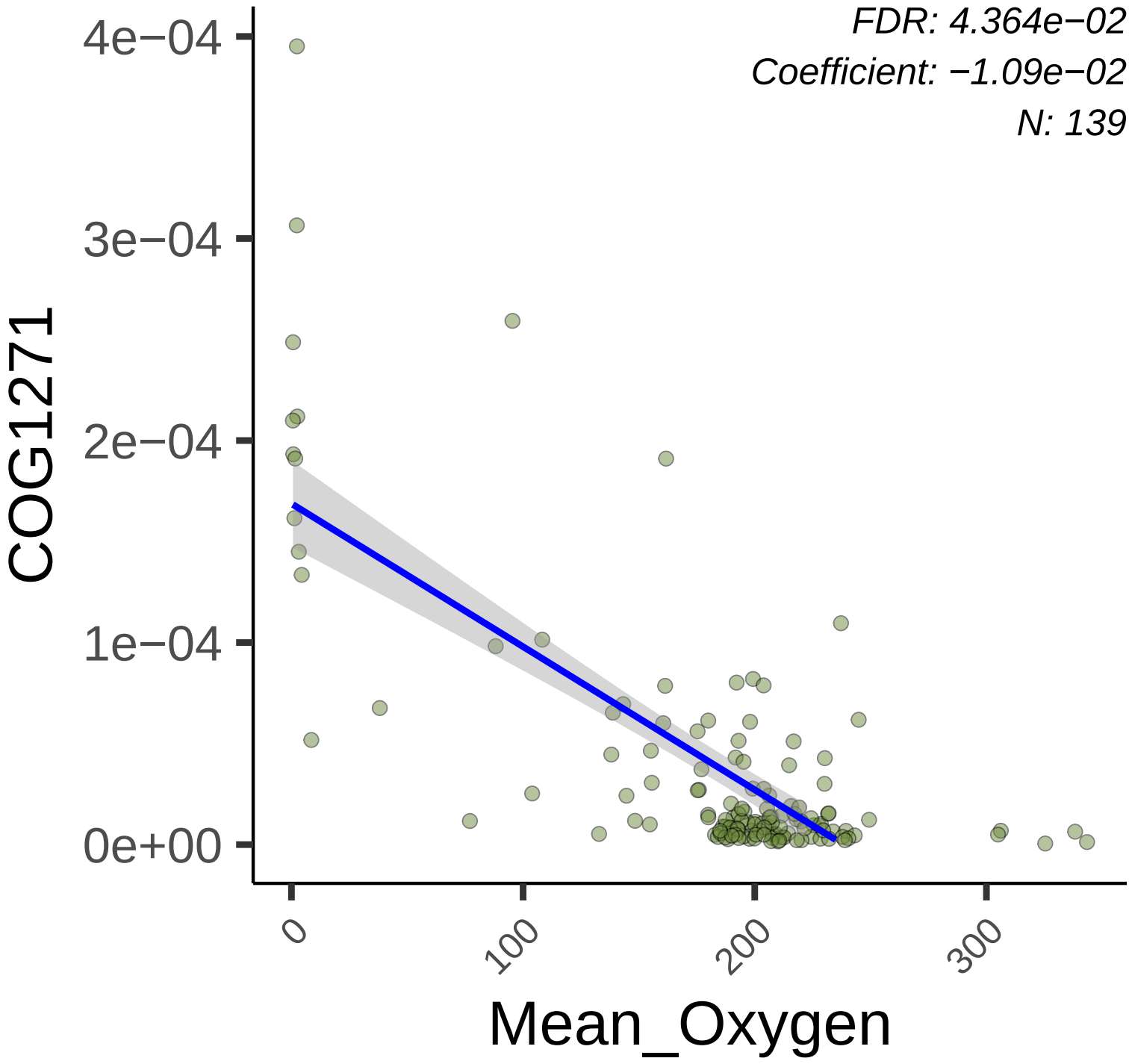
200
300
Mean_Oxygen


FDR: 4.364e−02
Coefficient: −1.09e−02
N: 139
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3e−04
2e−04
1e−04
0e+00
COG1271
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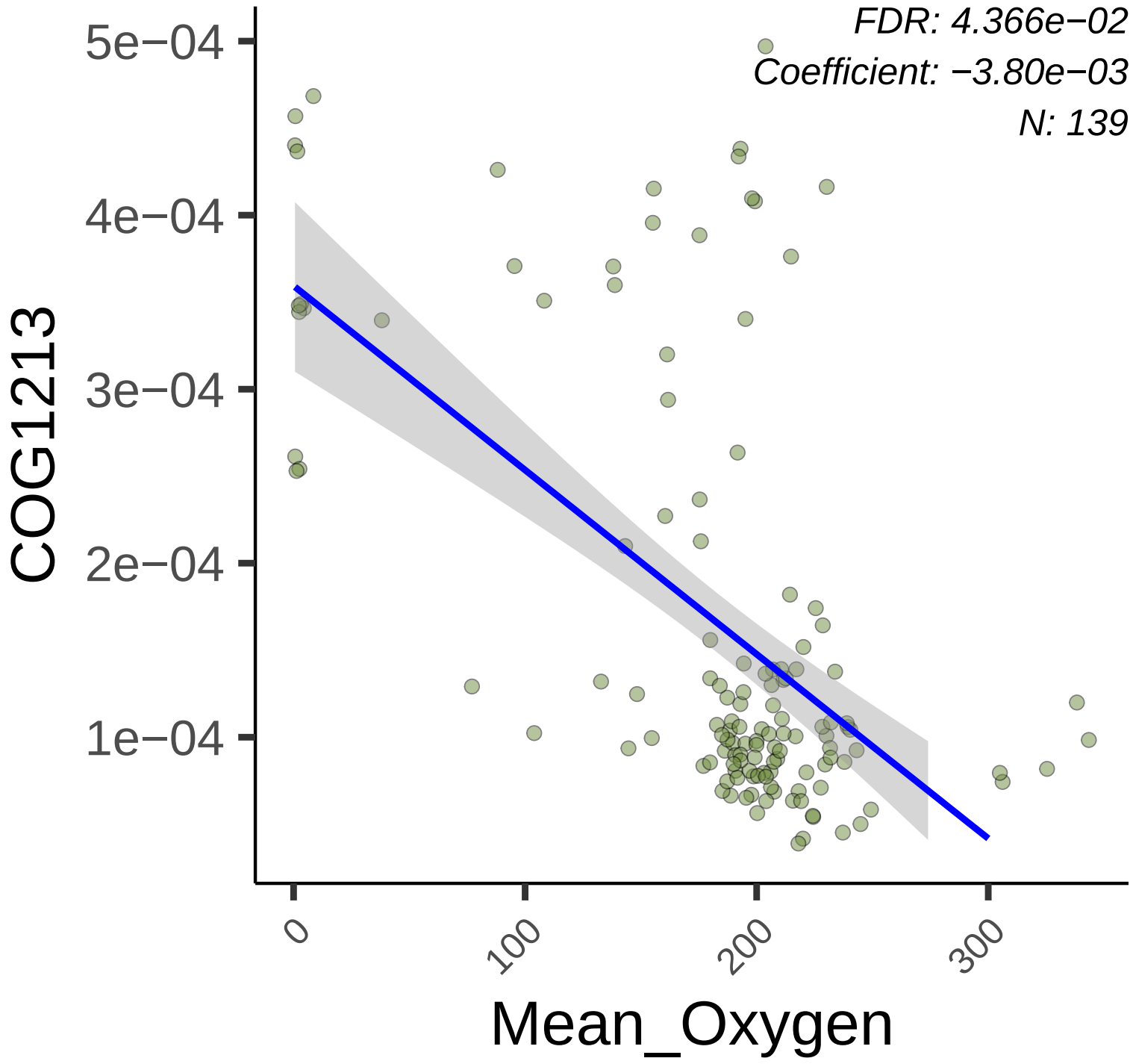
200
300
Mean_Oxygen


FDR: 4.366e−02
Coefficient: −3.80e−03
N: 139
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3e−04
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COG1213
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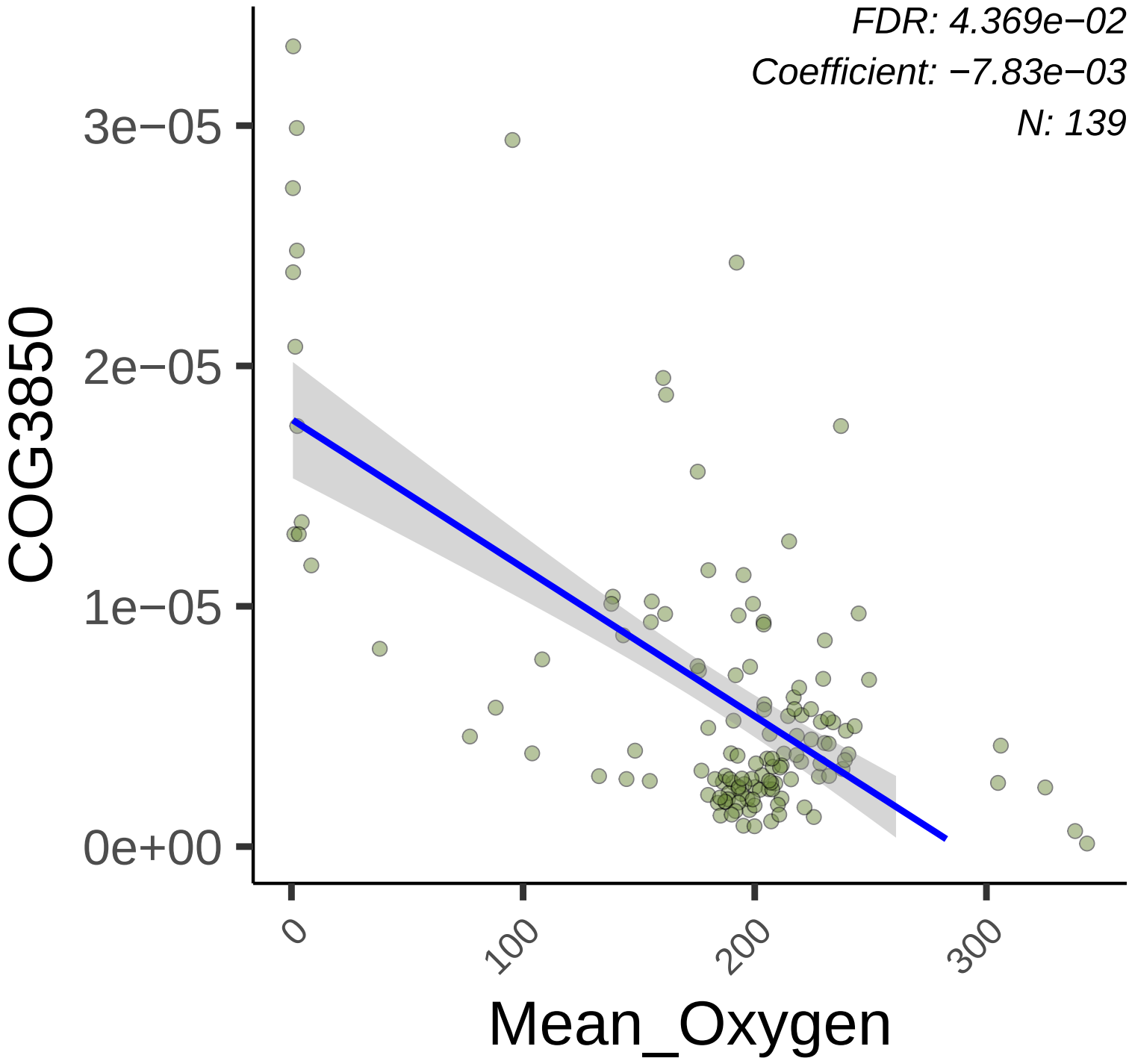
200
300
Mean_Oxygen


FDR: 4.369e−02
Coefficient: −7.83e−03
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COG3850
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2e−05
1e−05
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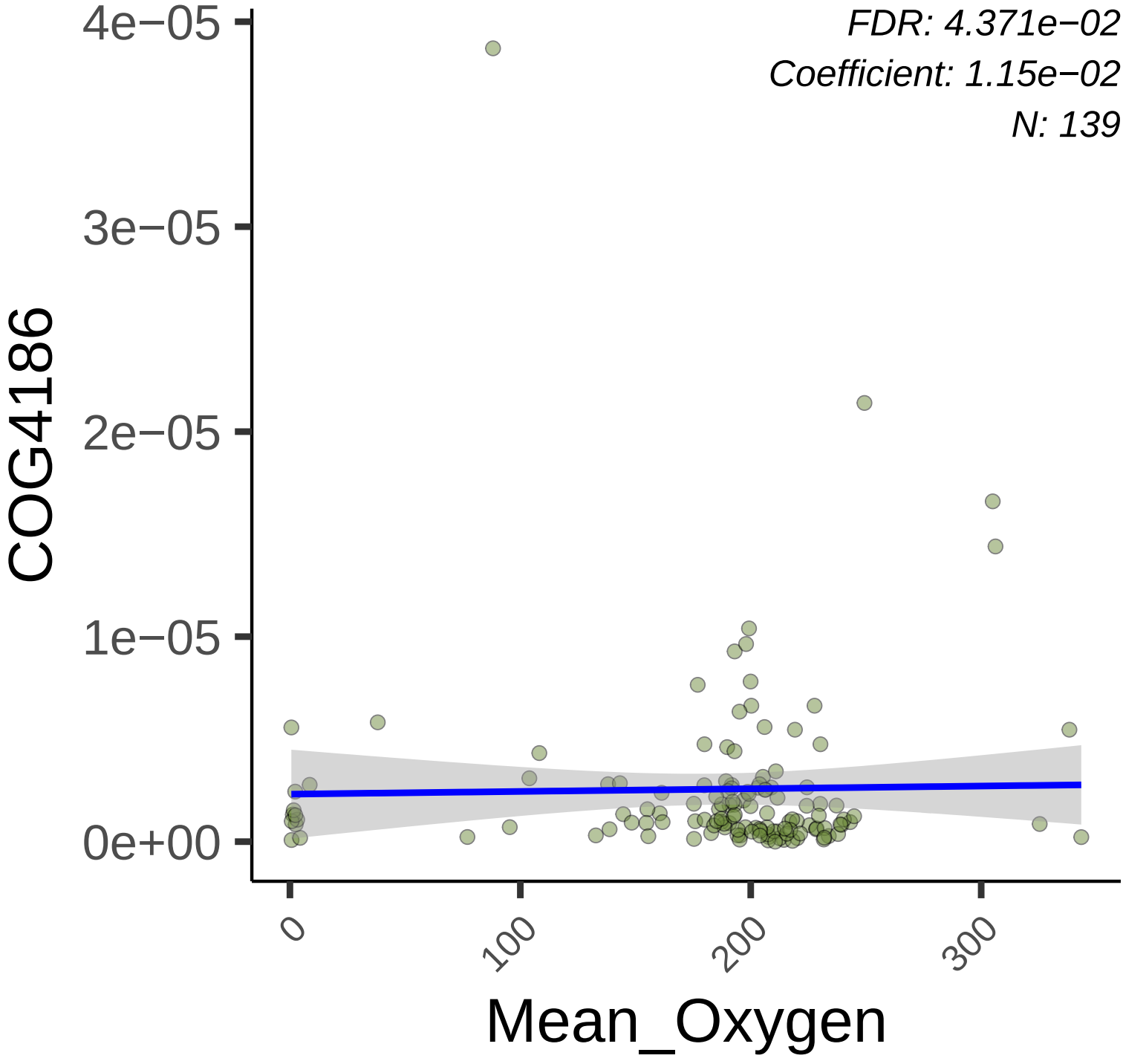
200
300
Mean_Oxygen


FDR: 4.371e−02
Coefficient: 1.15e−02
N: 139
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3e−05
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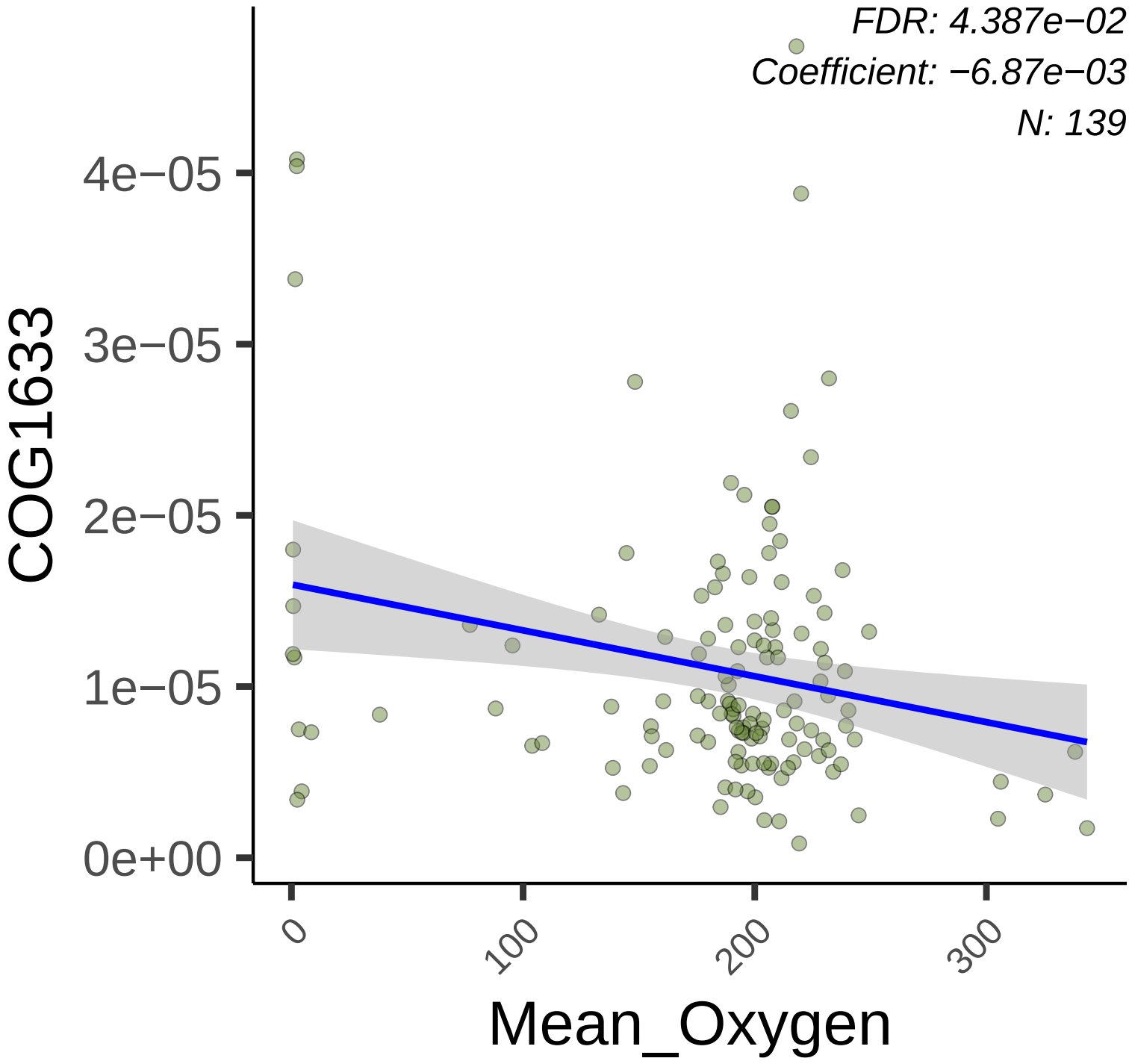
300
Mean_Oxygen


FDR: 4.387e−02
Coefficient: −6.87e−03
N: 139
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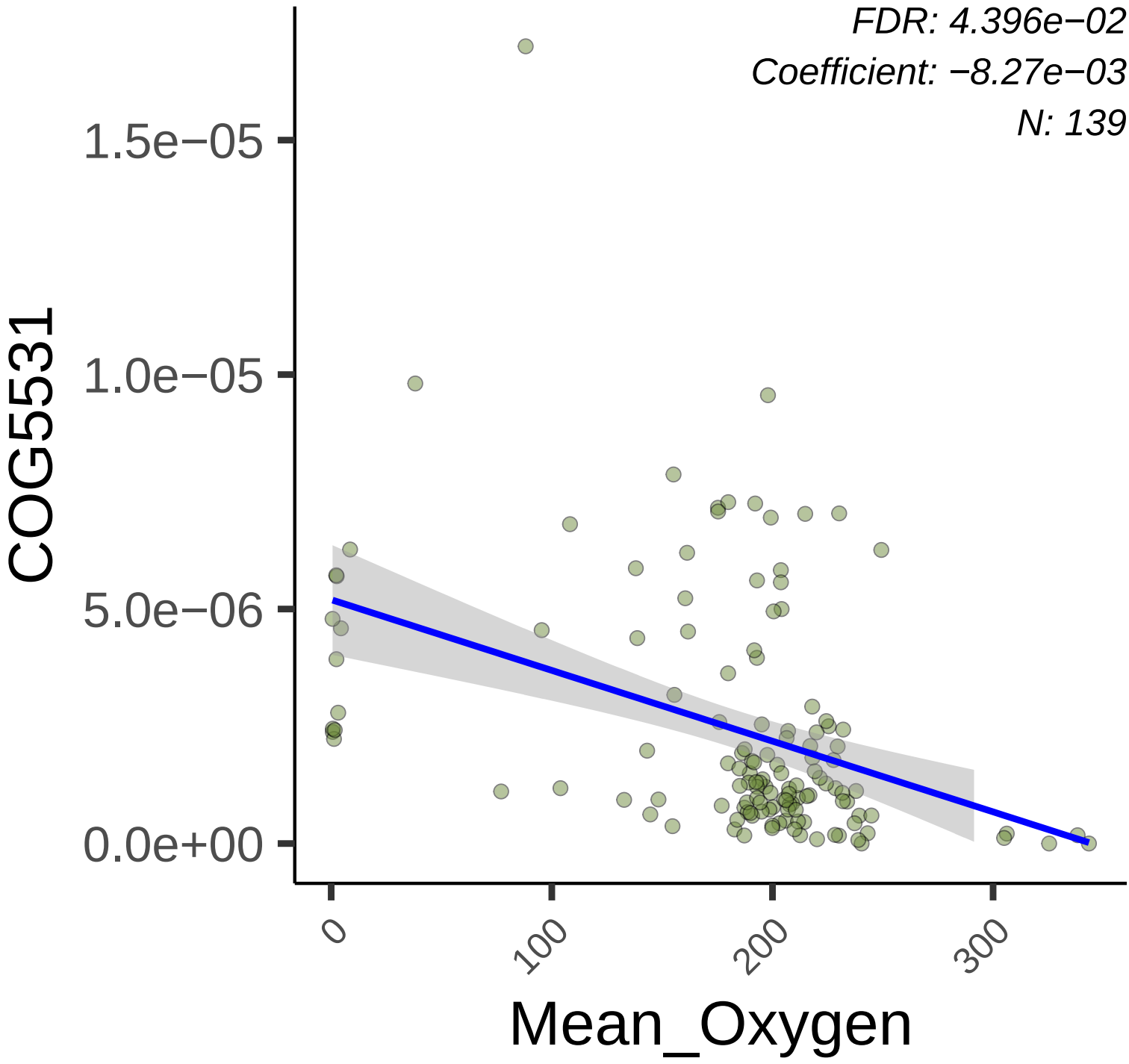
200
300
Mean_Oxygen


FDR: 4.396e−02
Coefficient: −8.27e−03
N: 139
COG5531
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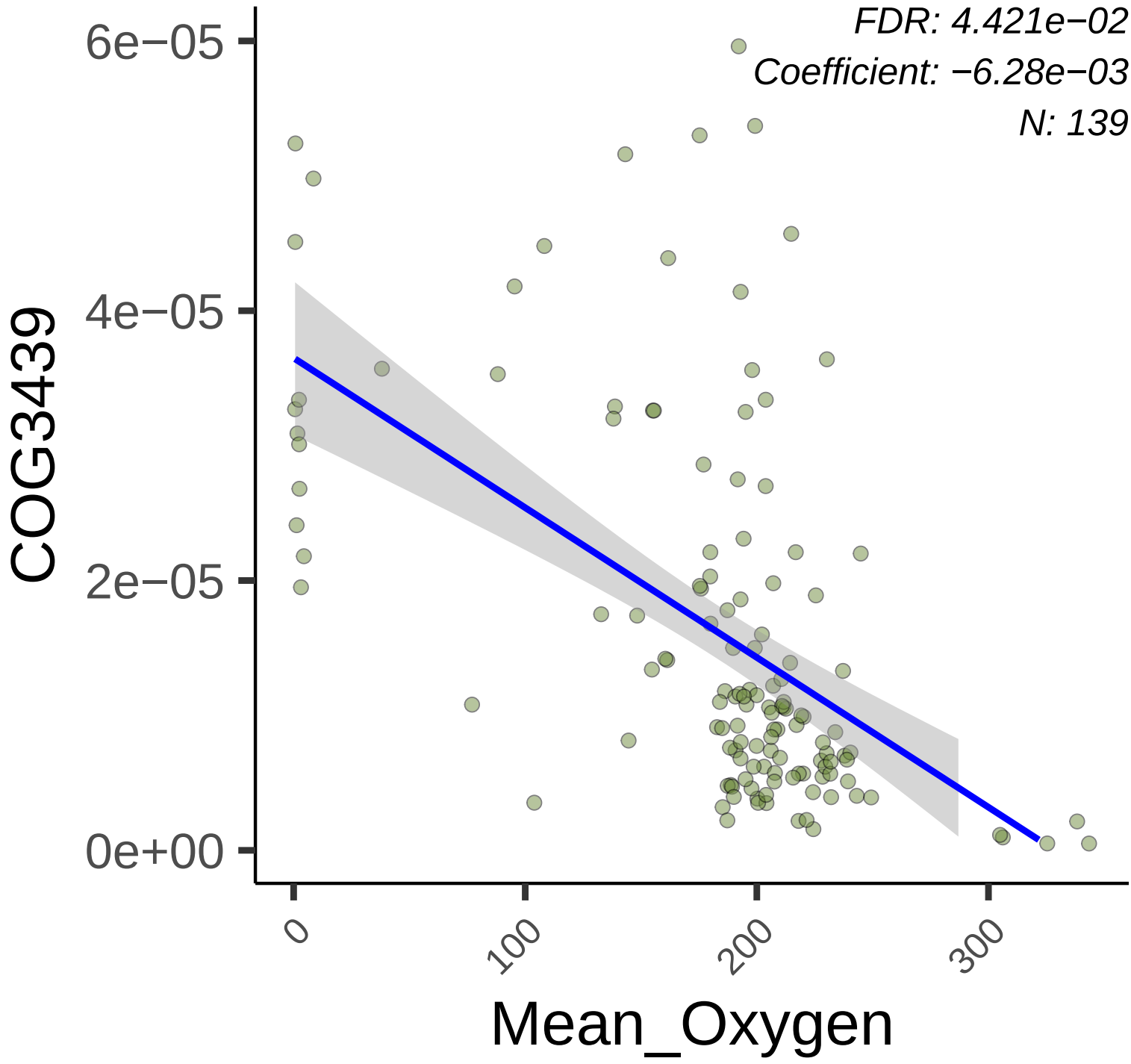
200
300
Mean_Oxygen


FDR: 4.421e−02
Coefficient: −6.28e−03
N: 139
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4e−05
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COG3439
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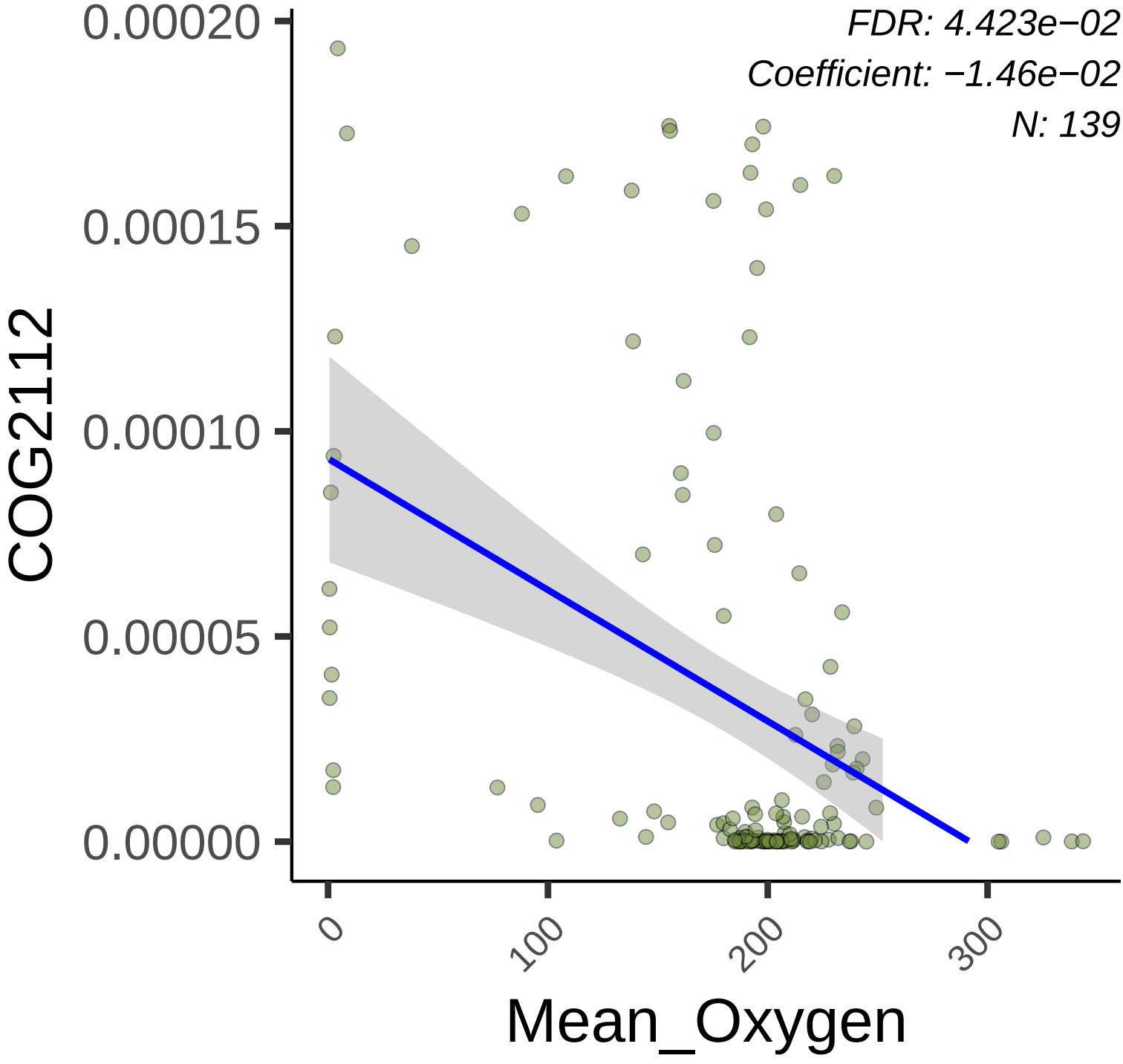
100
200
300
Mean_Oxygen


FDR: 4.423e−02
Coefficient: −1.46e−02
N: 139
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COG2112
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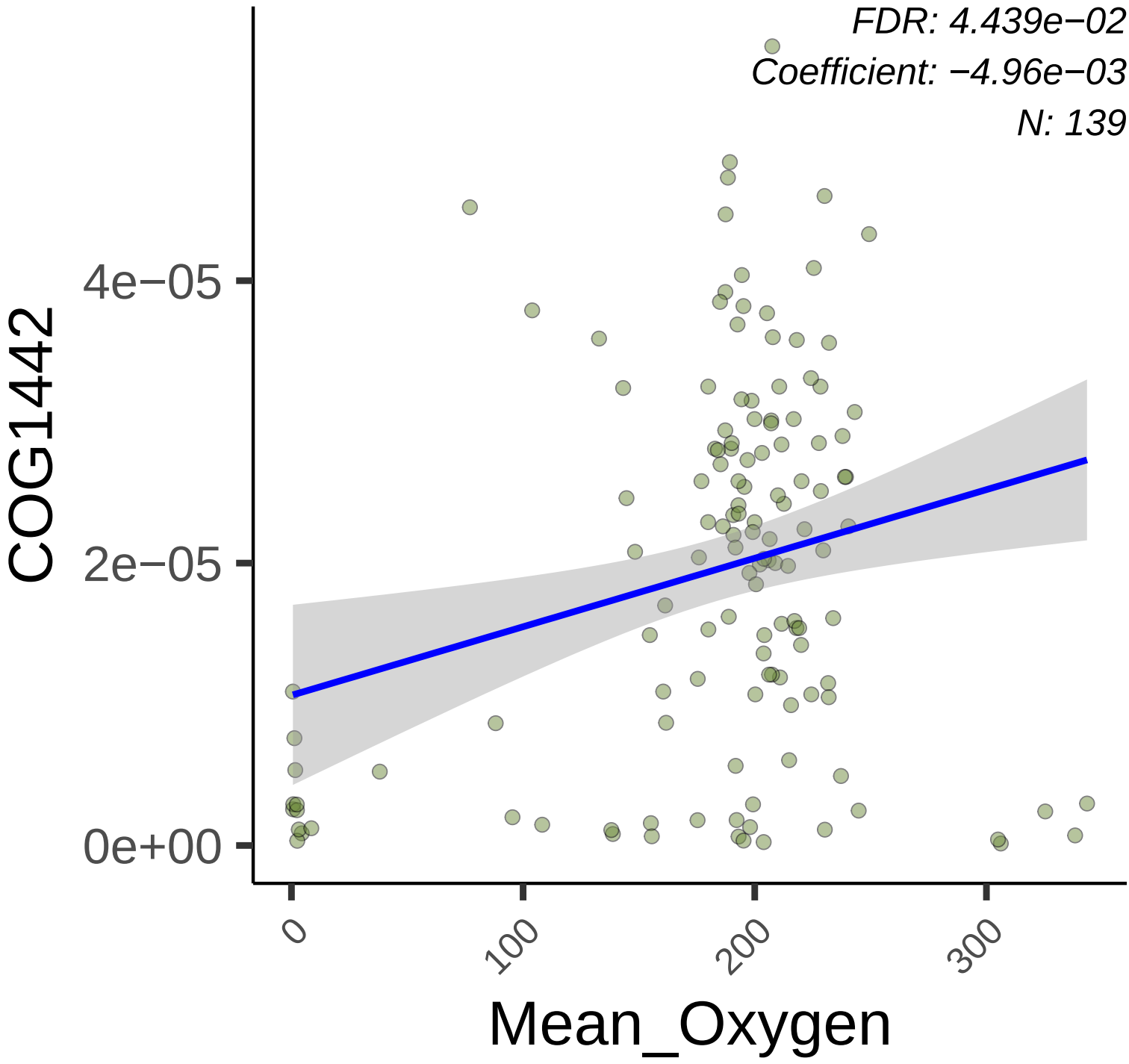
100
200
300
Mean_Oxygen


FDR: 4.439e−02
Coefficient: −4.96e−03
N: 139
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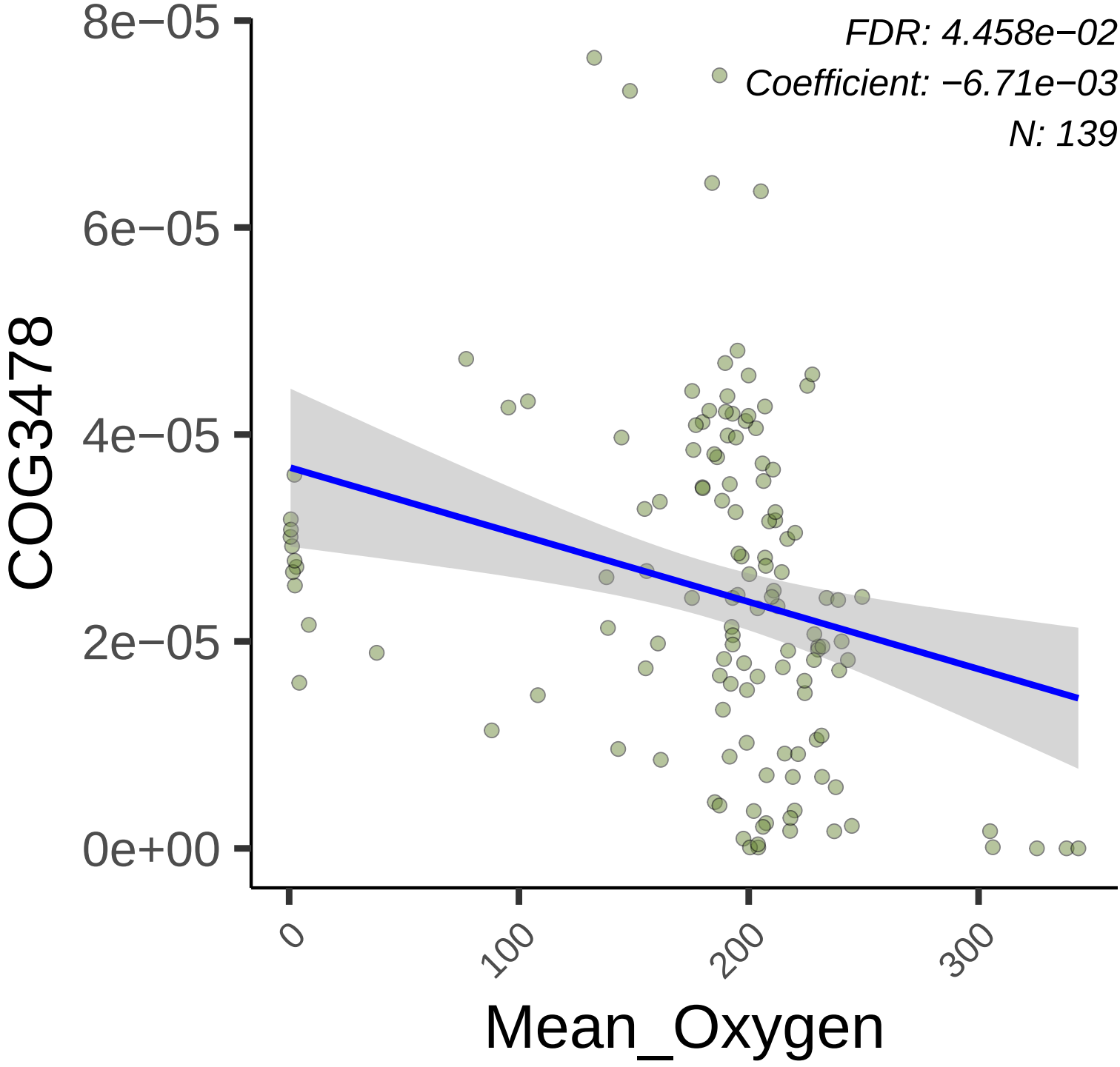
Mean_Oxygen


FDR: 4.458e−02
Coefficient: −6.71e−03
N: 139
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2e−05
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COG3478
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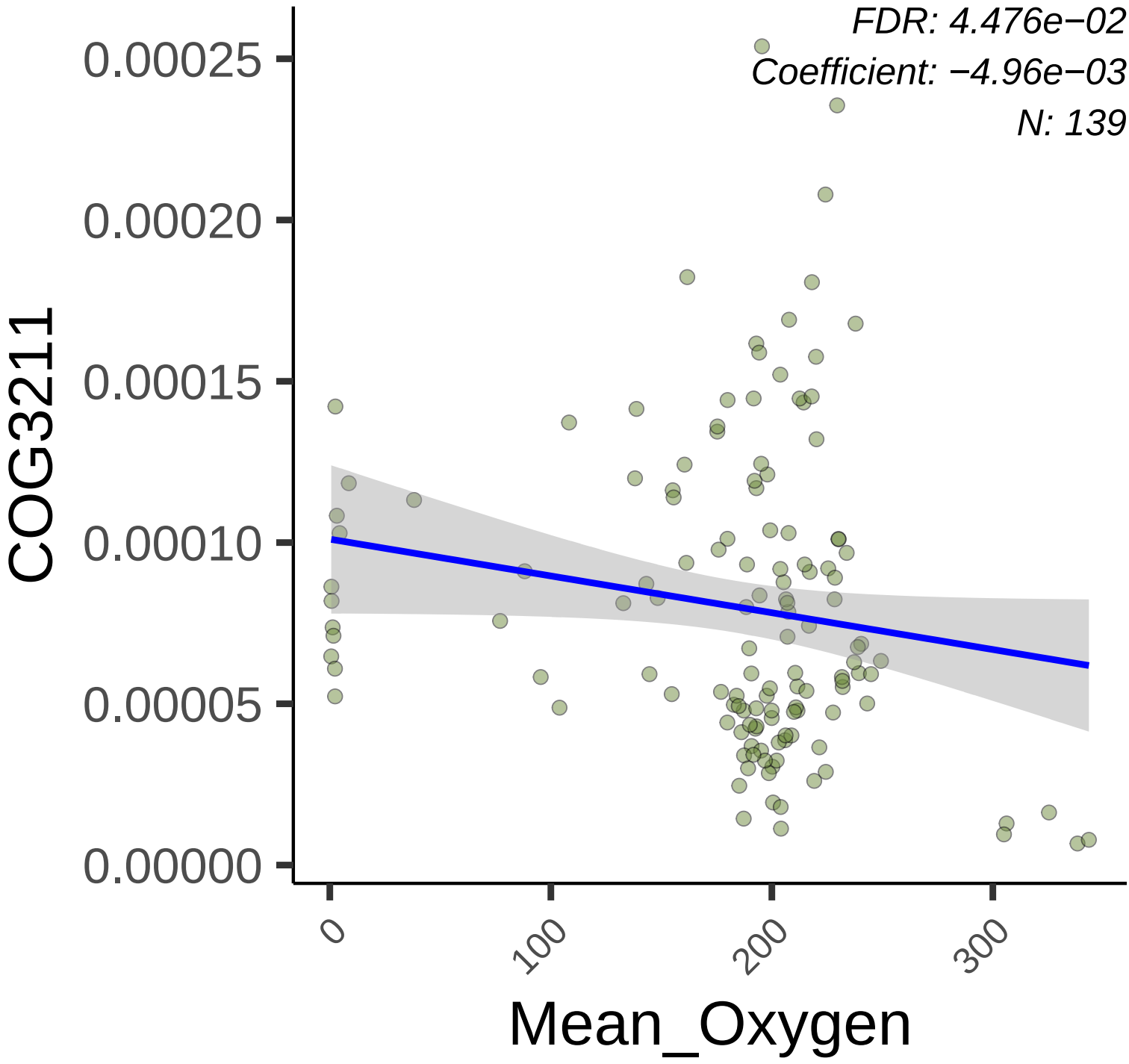
100
200
300
Mean_Oxygen


FDR: 4.476e−02
Coefficient: −4.96e−03
N: 139
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COG3211
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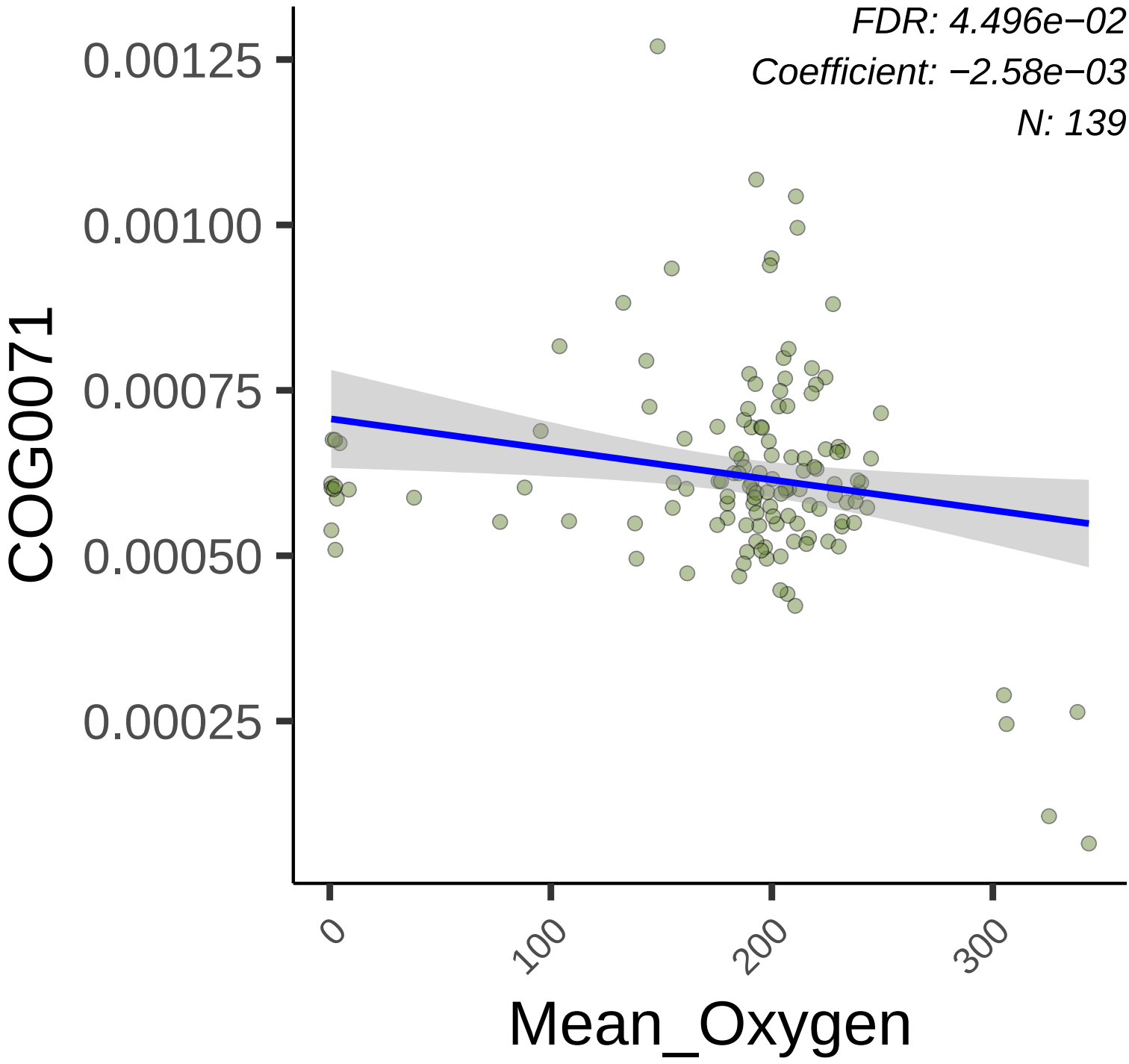
100
200
300
Mean_Oxygen


FDR: 4.496e−02
Coefficient: −2.58e−03
N: 139
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0.00050
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COG0071
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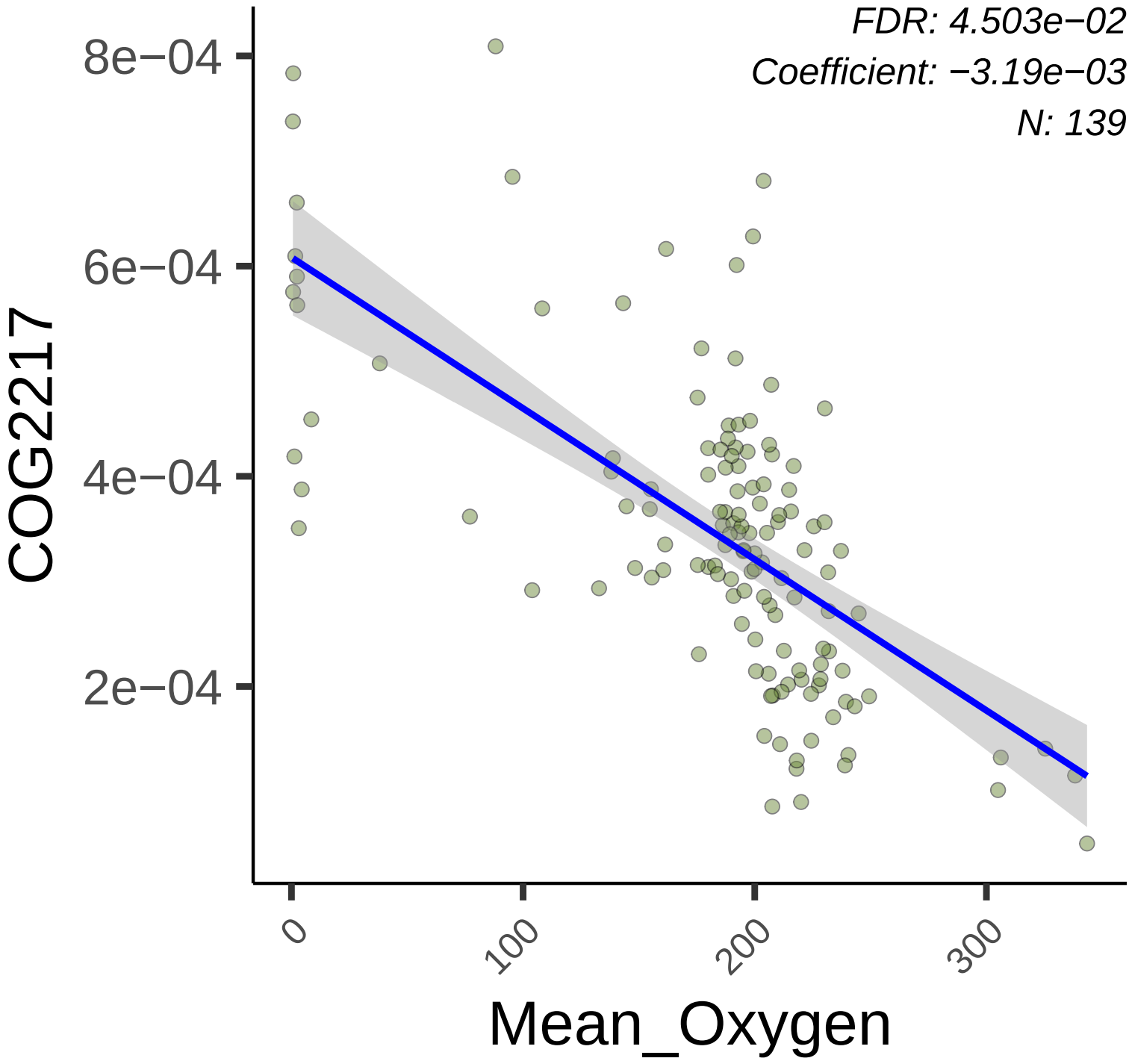
200
300
Mean_Oxygen


FDR: 4.503e−02
Coefficient: −3.19e−03
N: 139
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COG2217
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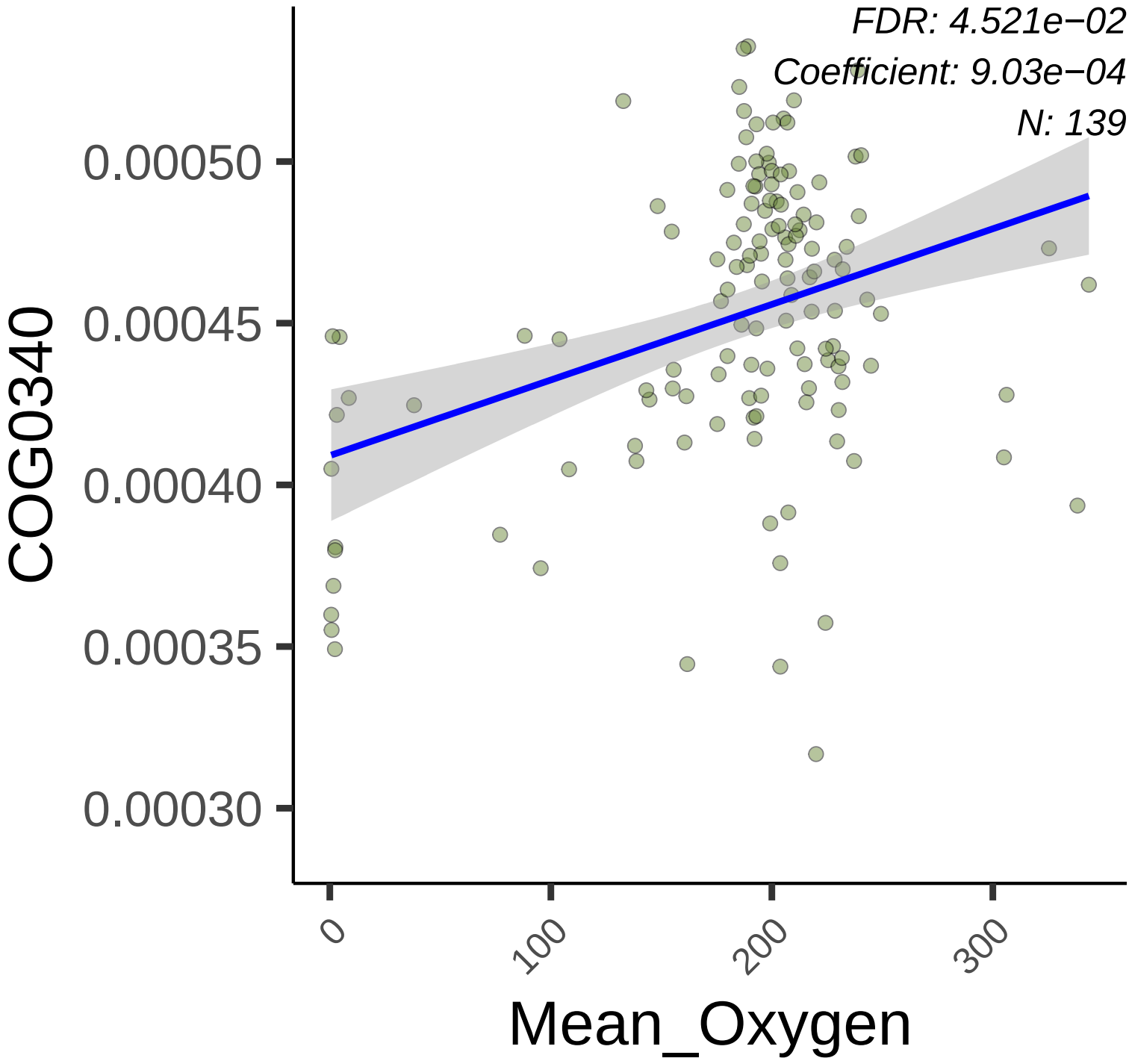
100
200
300
Mean_Oxygen


FDR: 4.521e−02
Coefficient: 9.03e−04
N: 139
COG0340
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0.00040
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0.00030
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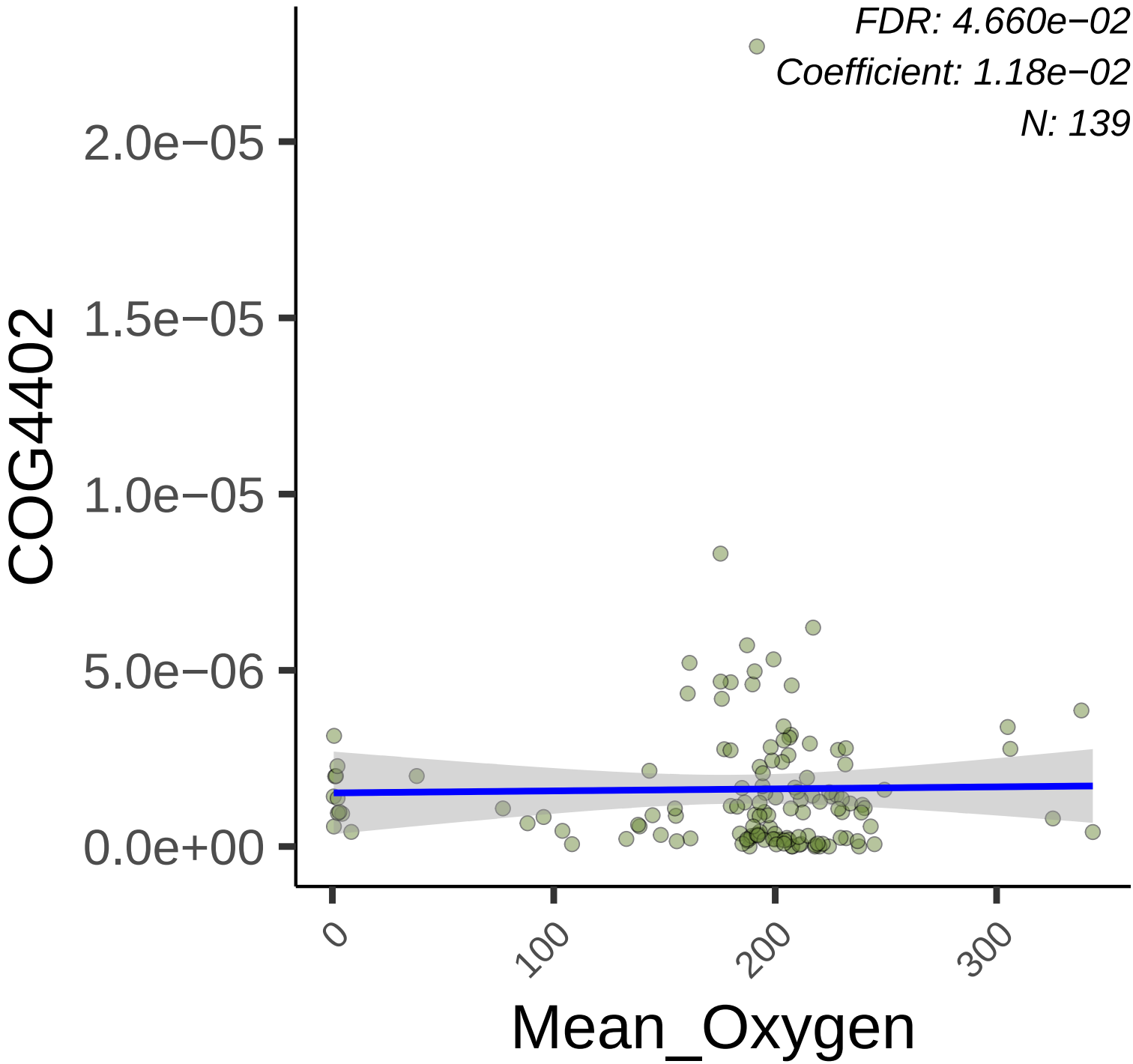
200
300
Mean_Oxygen


FDR: 4.660e−02
Coefficient: 1.18e−02
N: 139
COG4402
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1.0e−05
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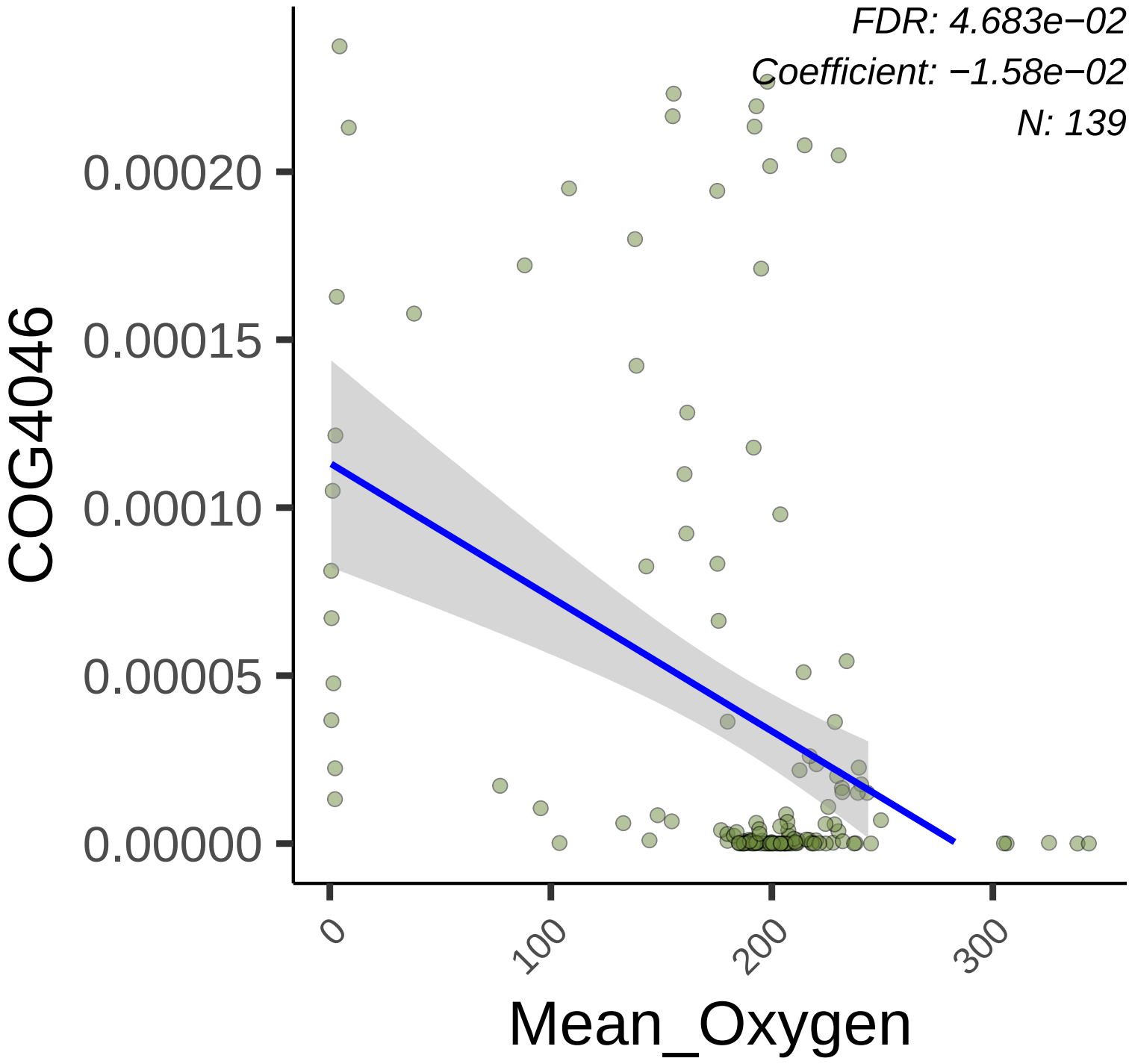
200
300
Mean_Oxygen


FDR: 4.683e−02
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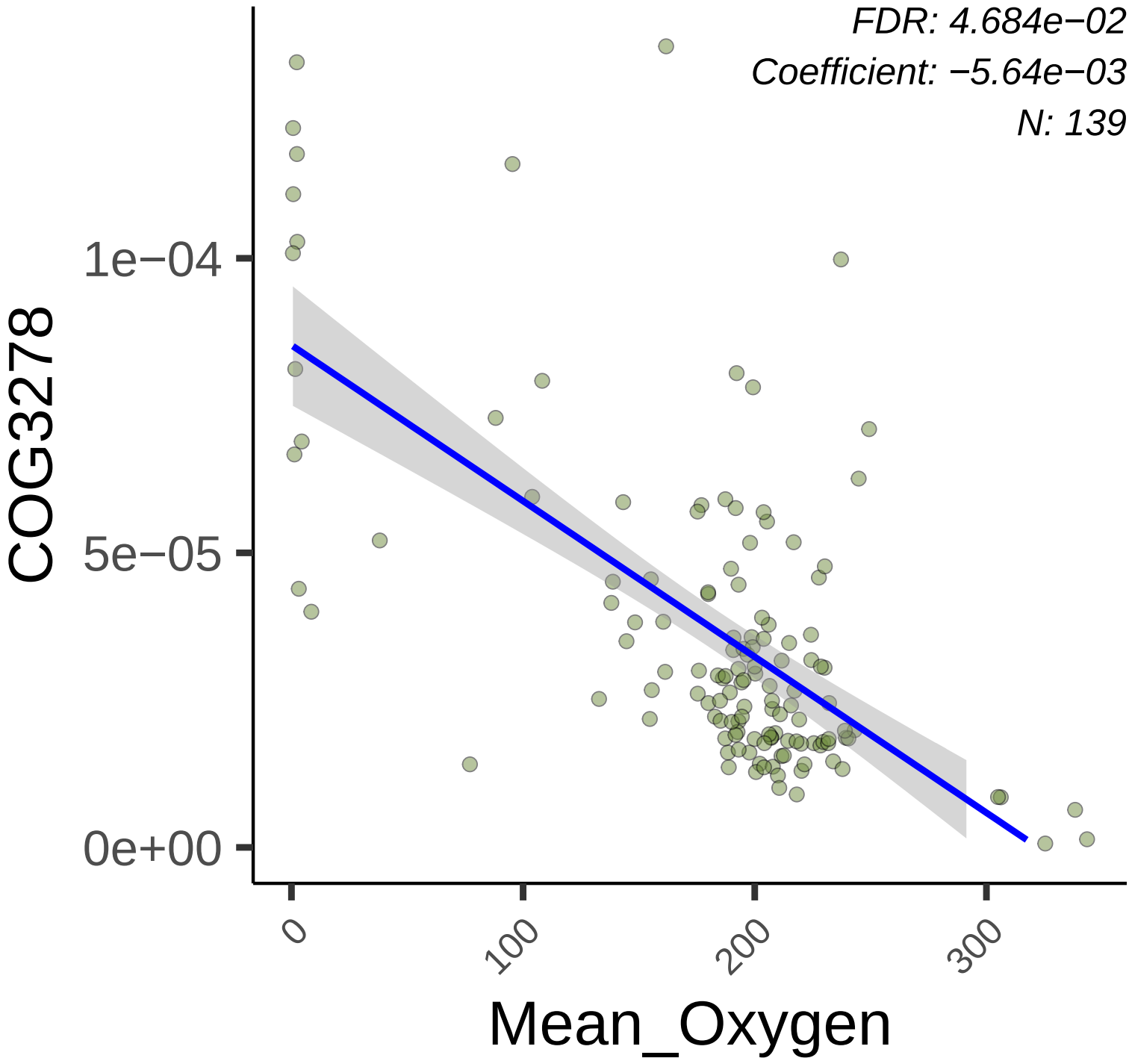
Mean_Oxygen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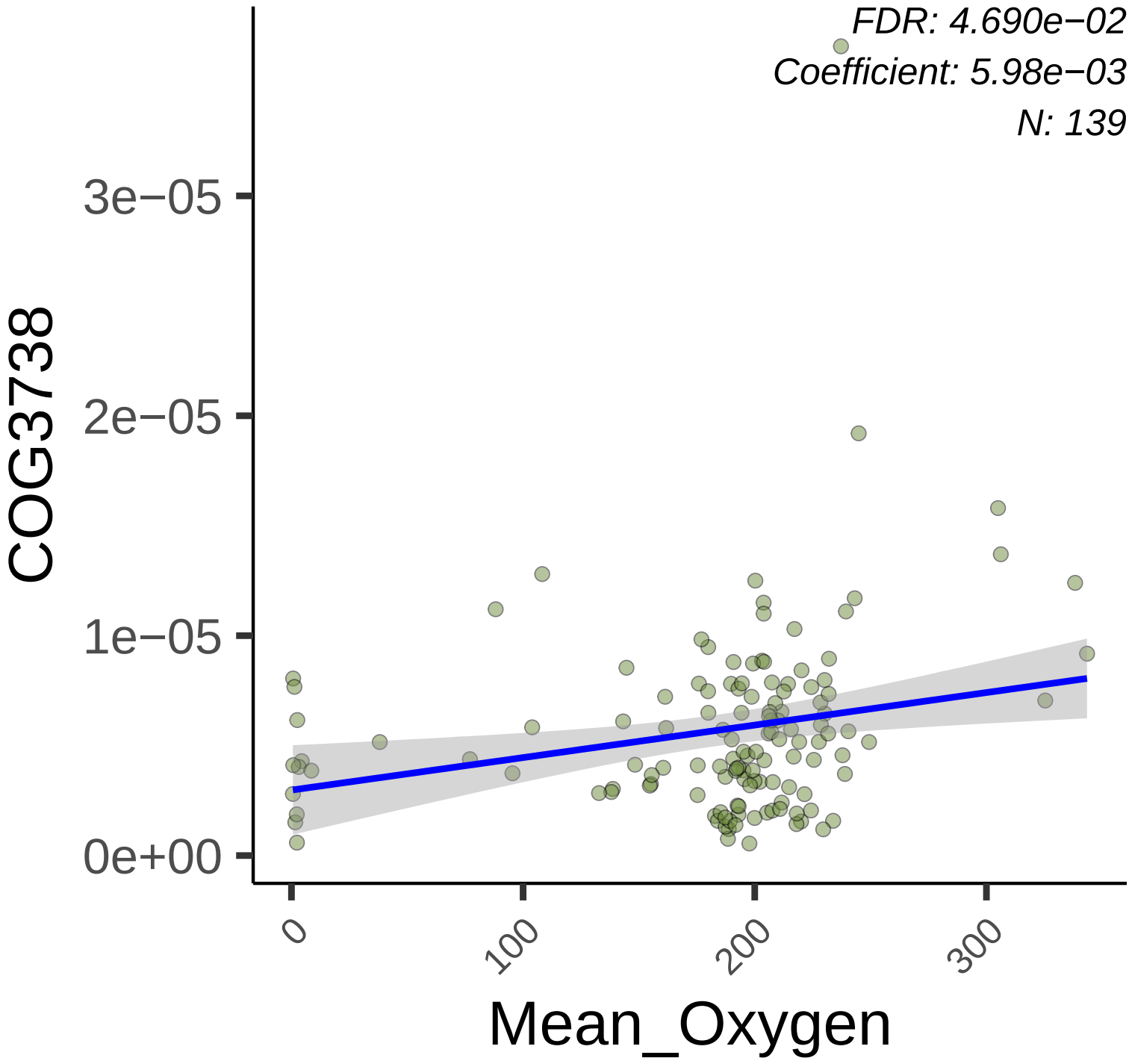
Mean_Oxygen


FDR: 4.690e−02
Coefficient: 5.98e−03
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COG3738
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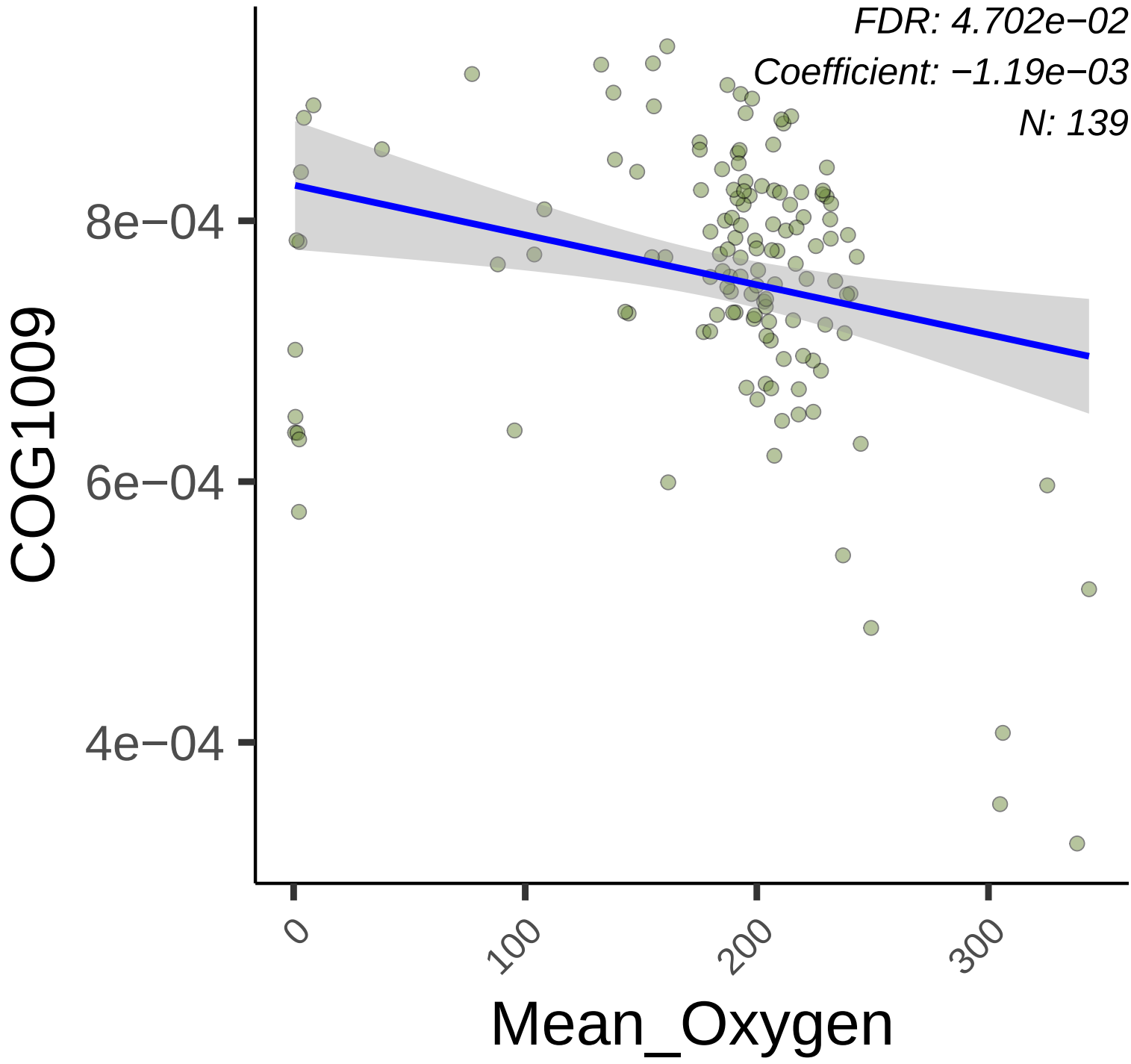
Mean_Oxygen


FDR: 4.702e−02
Coefficient: −1.19e−03
N: 139
COG1009
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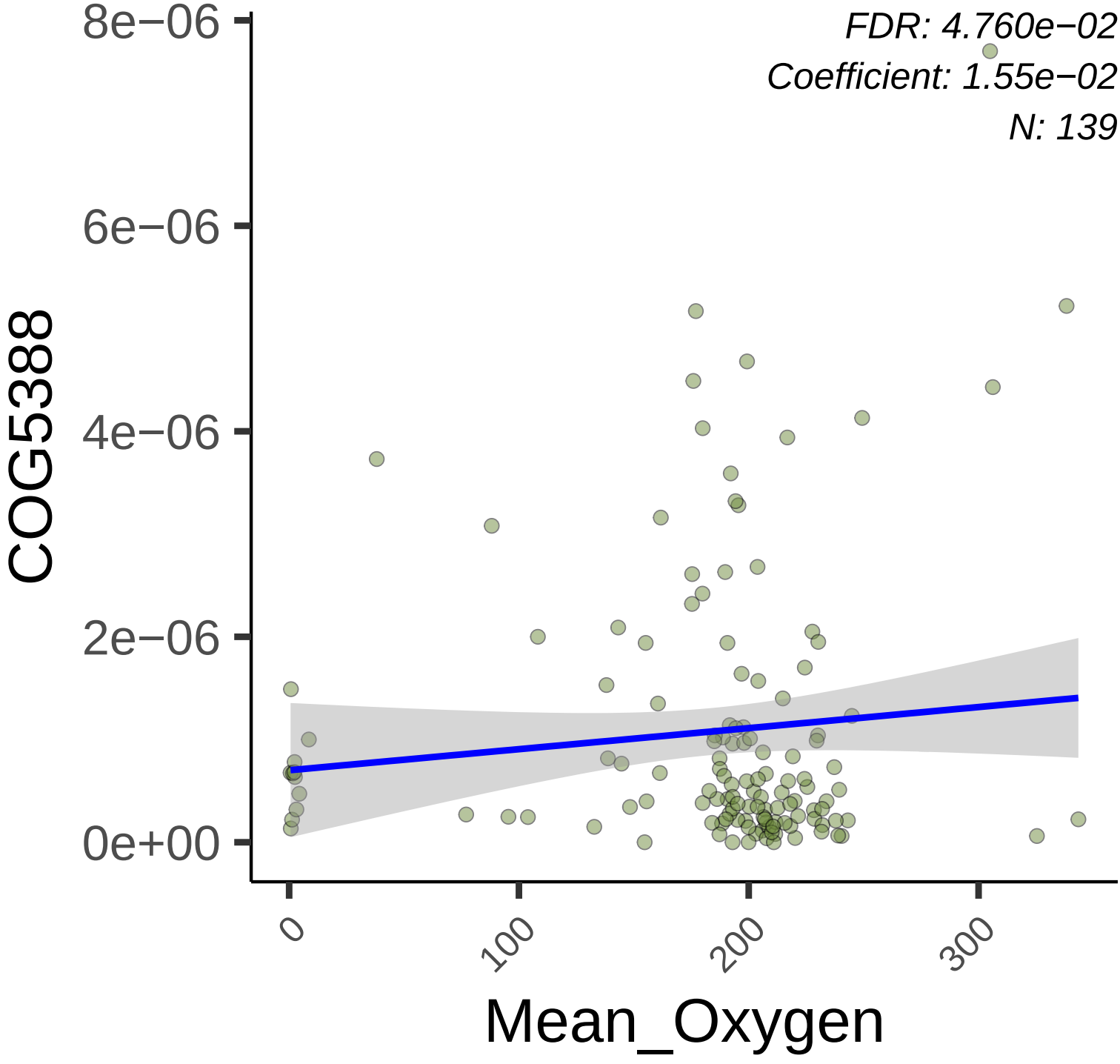
Mean_Oxygen


FDR: 4.760e−02
Coefficient: 1.55e−02
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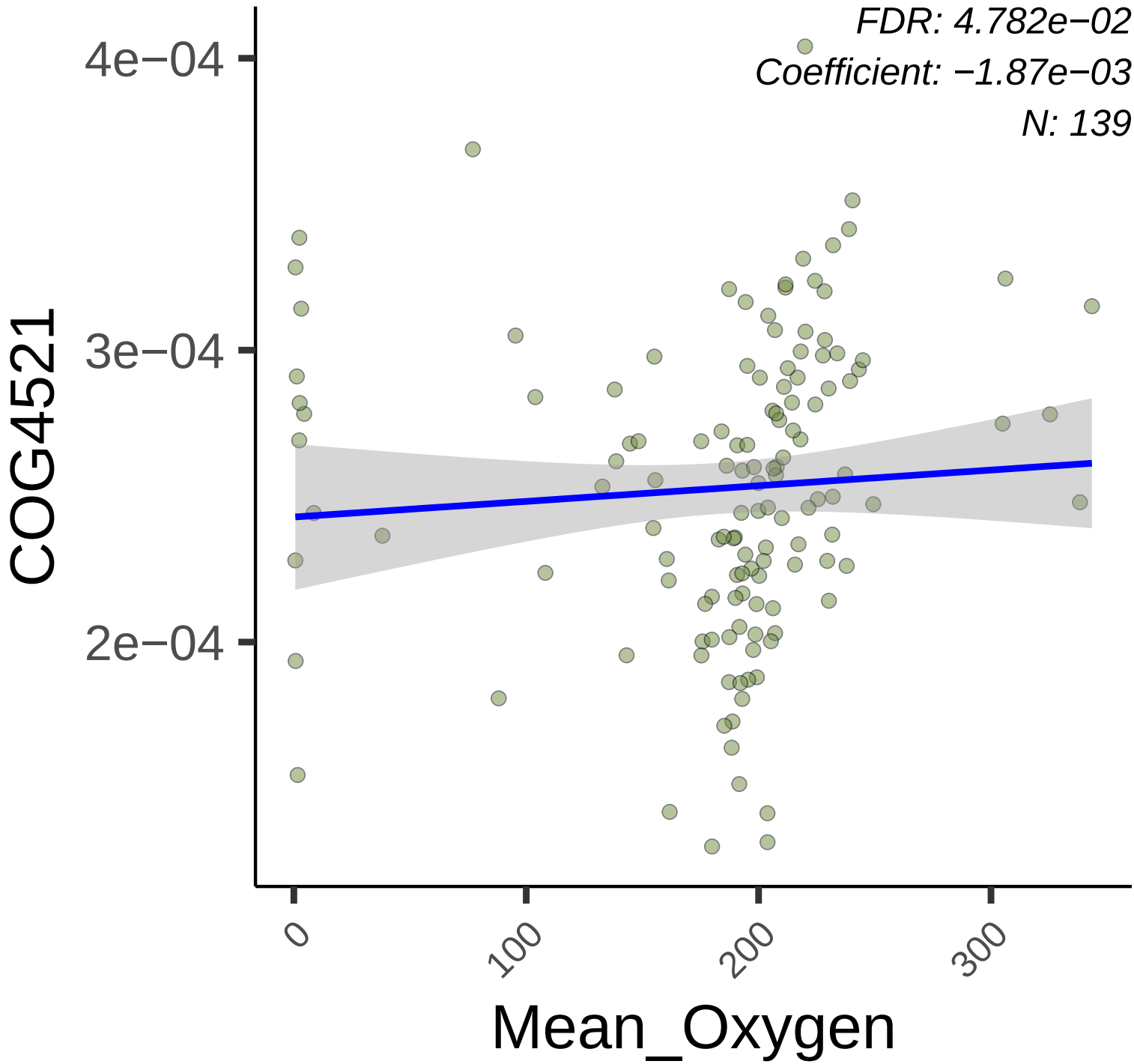
200
300
Mean_Oxygen


FDR: 4.782e−02
Coefficient: −1.87e−03
N: 139
4e−04
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COG4521
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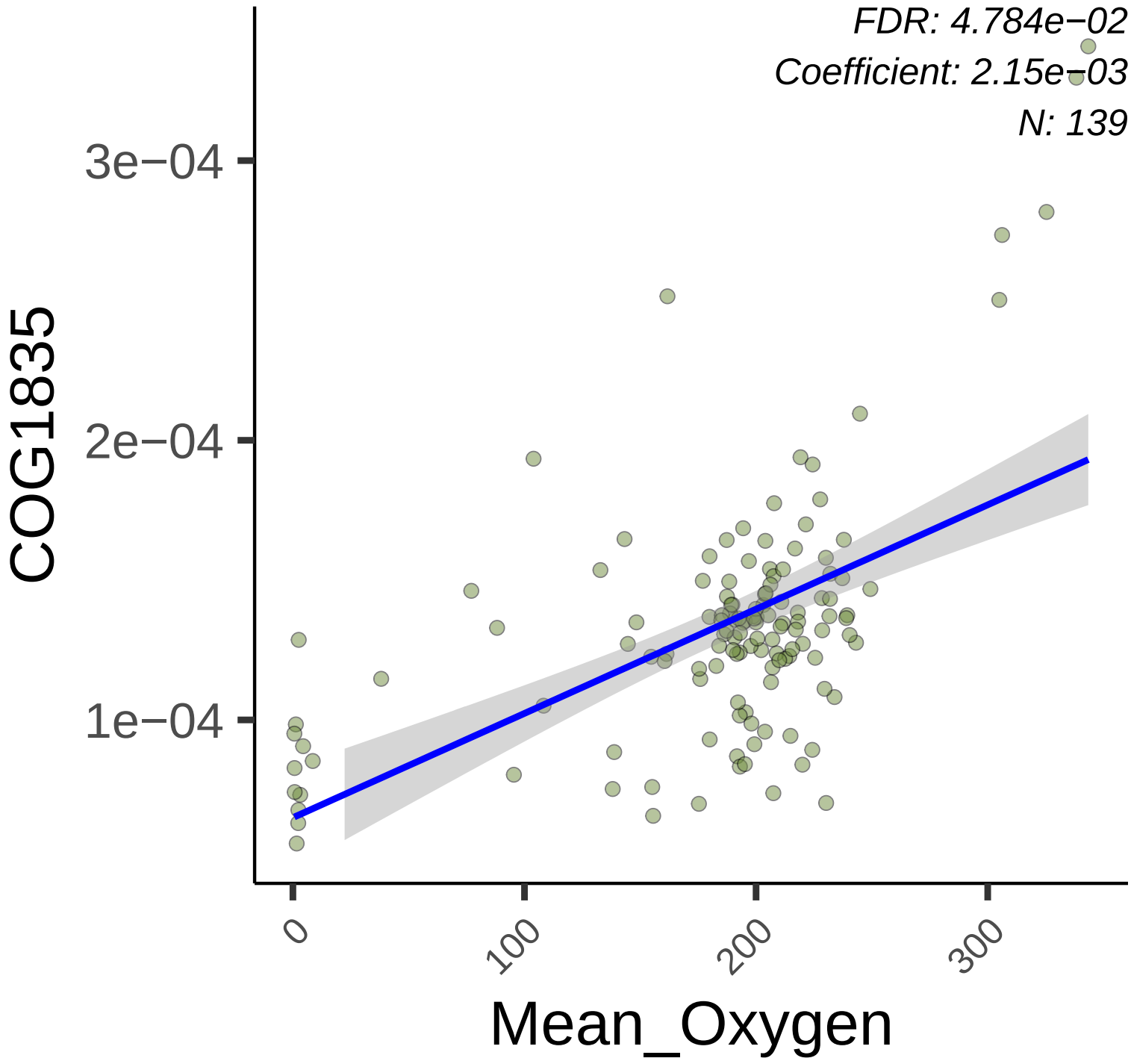
200
300
Mean_Oxygen


FDR: 4.784e−02
Coefficient: 2.15e−03
N: 139
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COG1835
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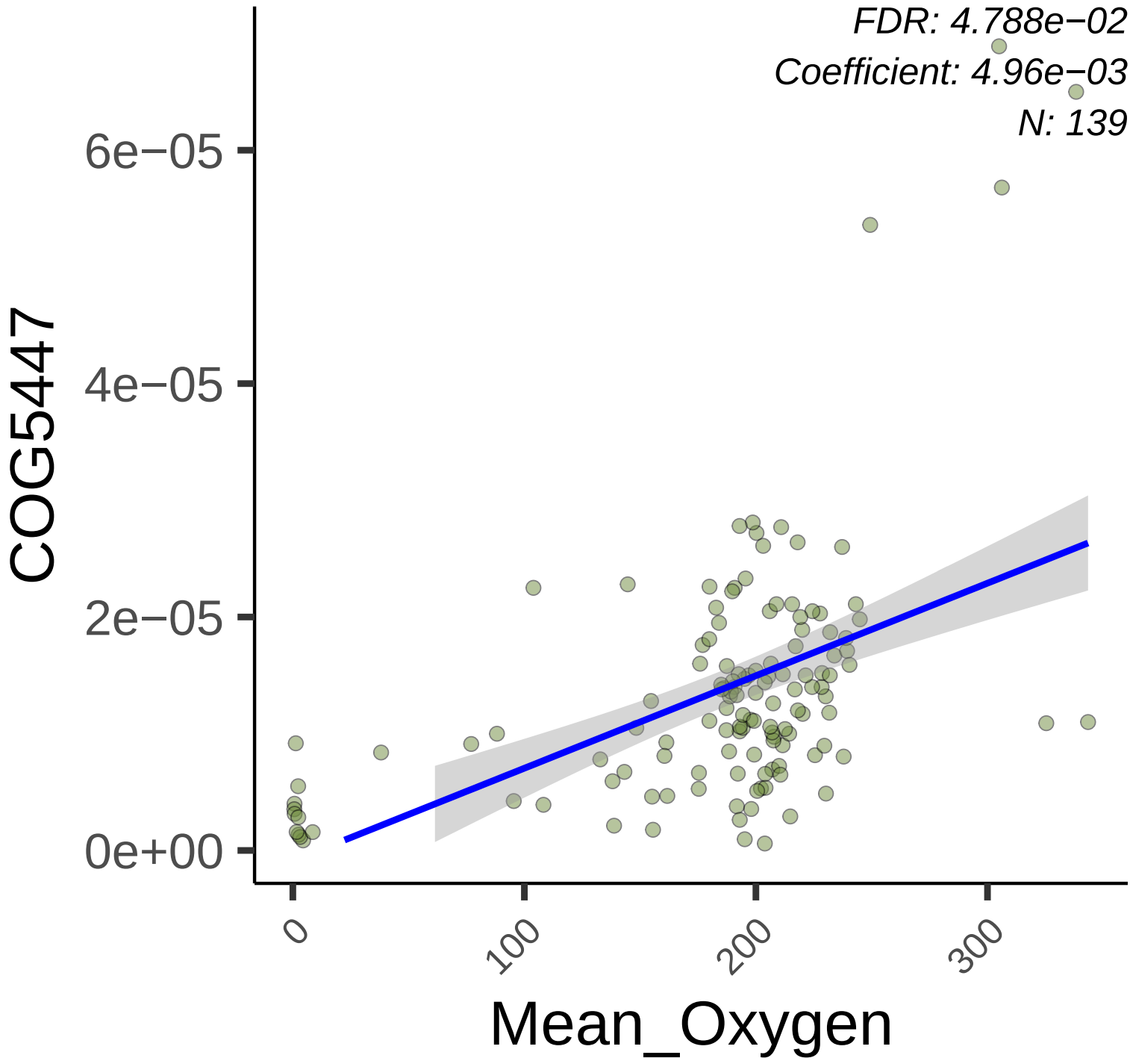
200
300
Mean_Oxygen


FDR: 4.788e−02
Coefficient: 4.96e−03
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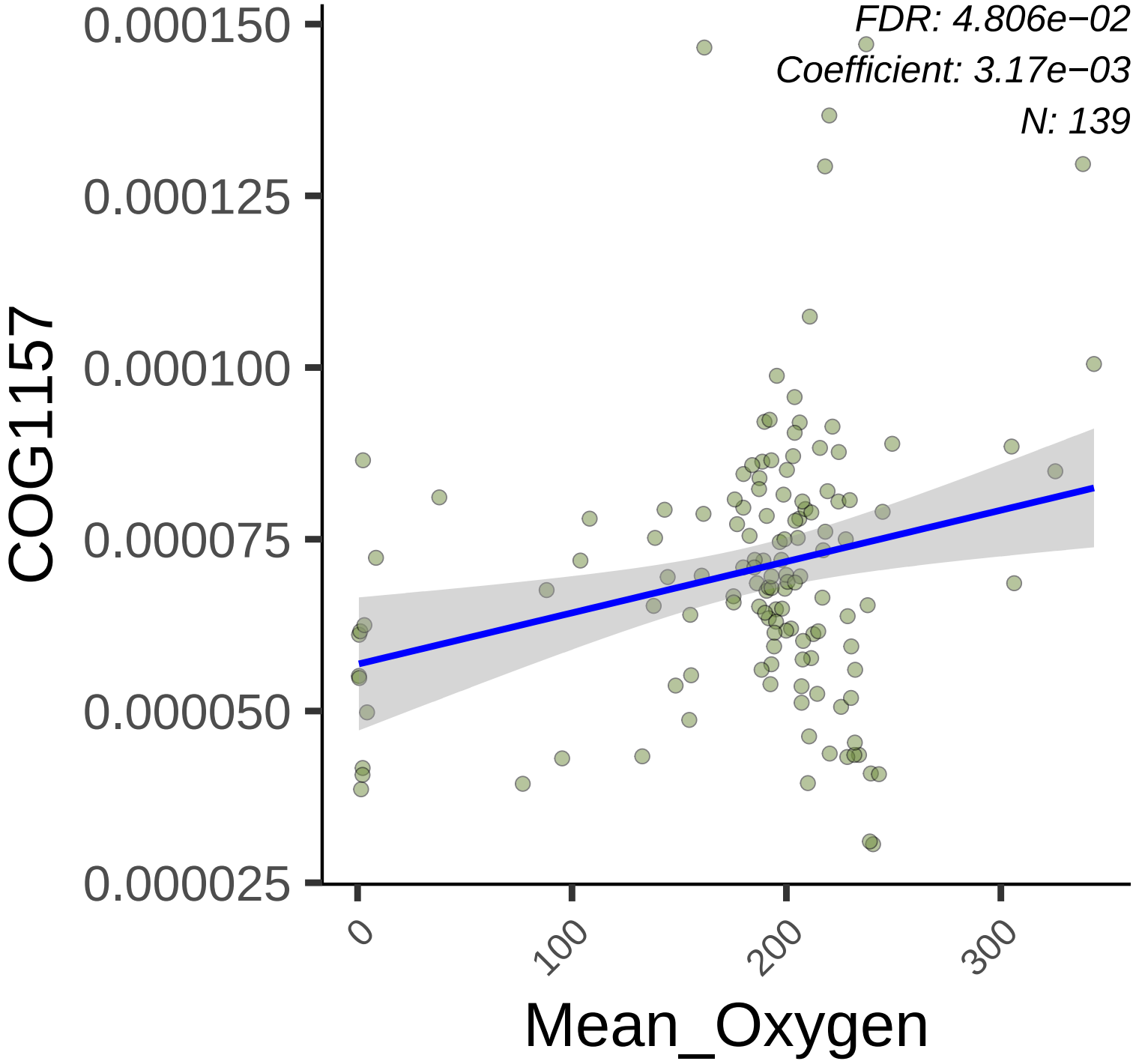
200
300
Mean_Oxygen


FDR: 4.806e−02
Coefficient: 3.17e−03
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COG1157
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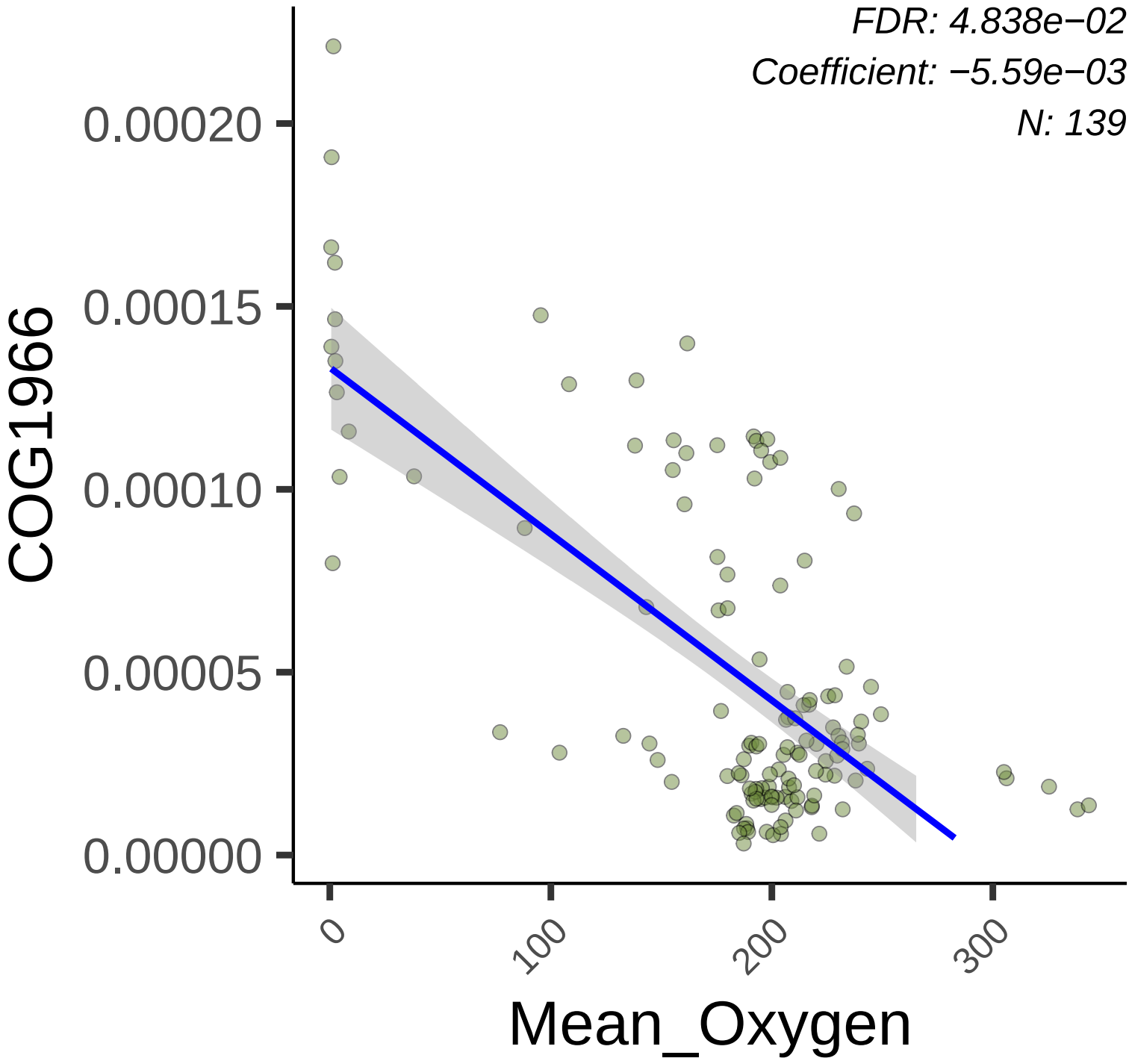
200
300
Mean_Oxygen


FDR: 4.838e−02
Coefficient: −5.59e−03
N: 139
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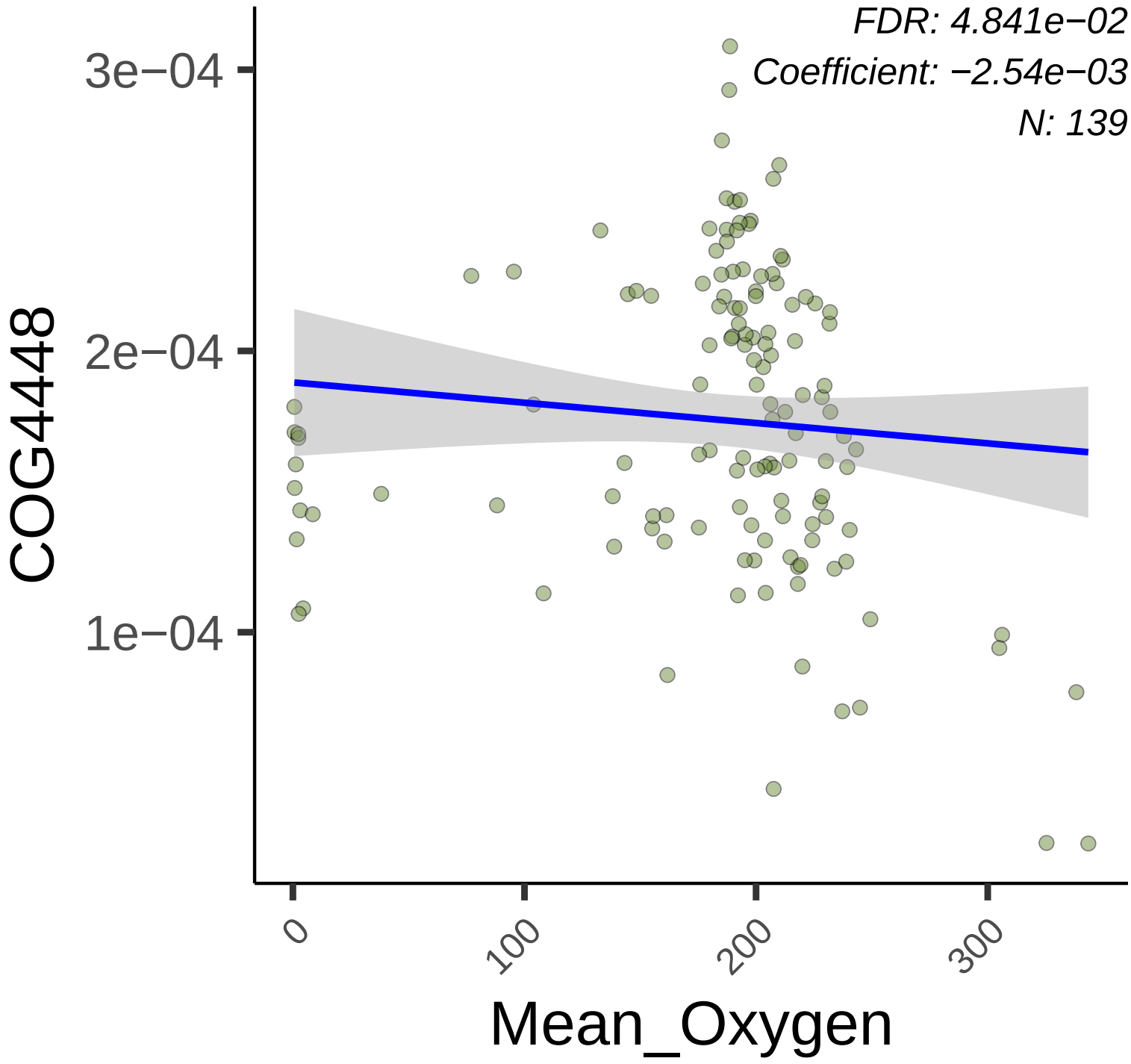
200
300
Mean_Oxygen


FDR: 4.841e−02
Coefficient: −2.54e−03
N: 139
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COG4448
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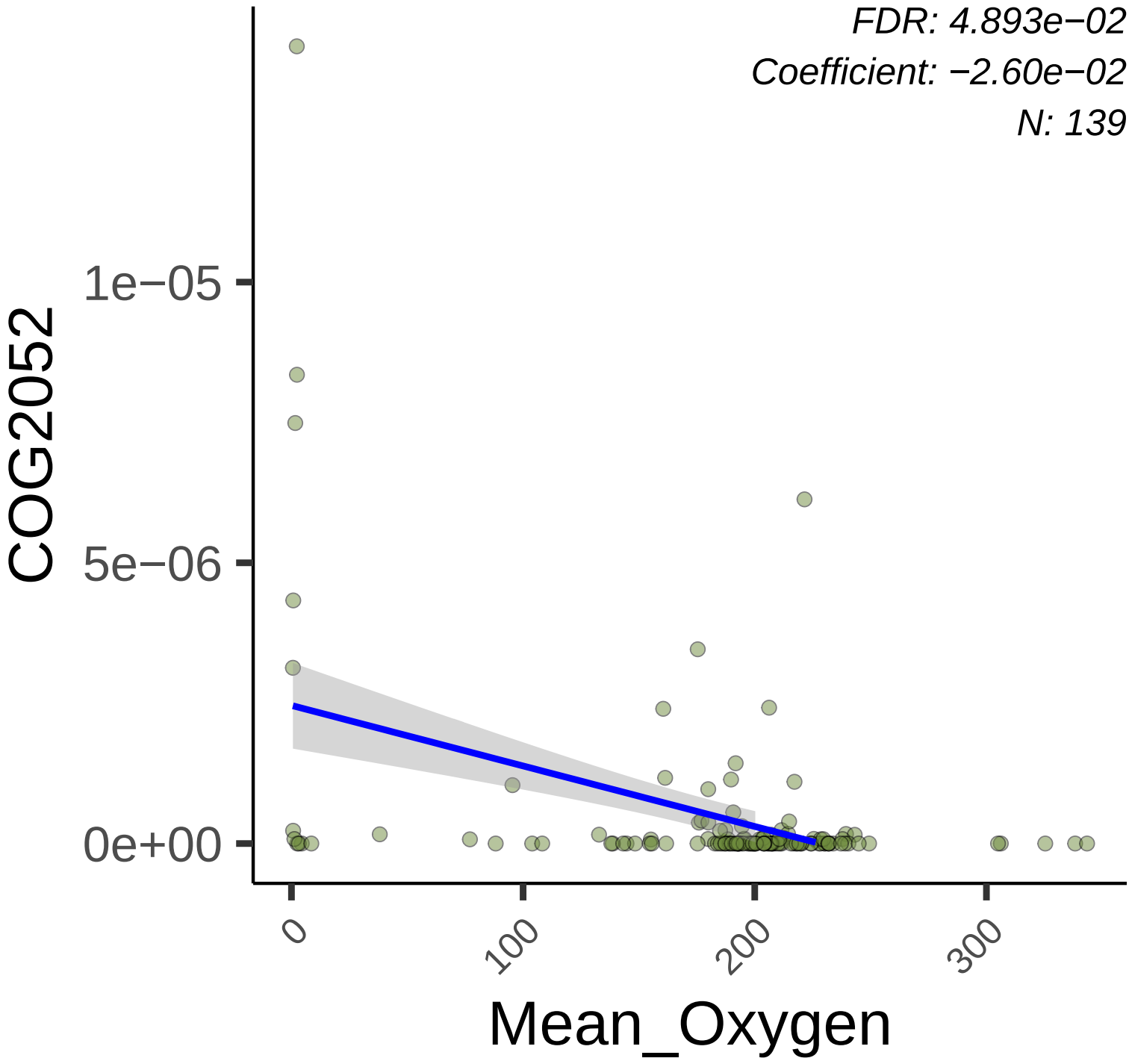
200
300
Mean_Oxygen


FDR: 4.893e−02
Coefficient: −2.60e−02
N: 139
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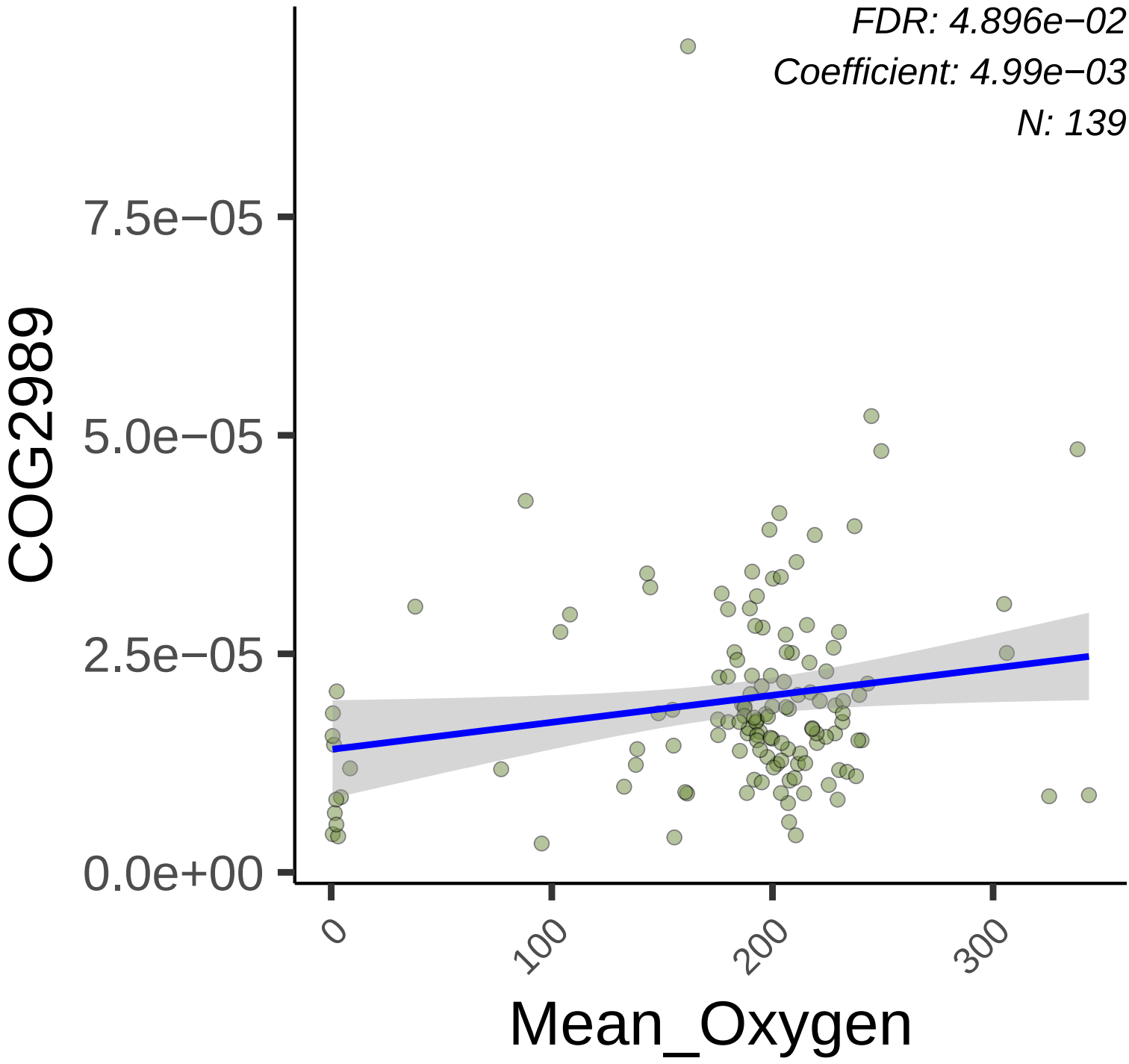
200
300
Mean_Oxygen


FDR: 4.896e−02
Coefficient: 4.99e−03
N: 139
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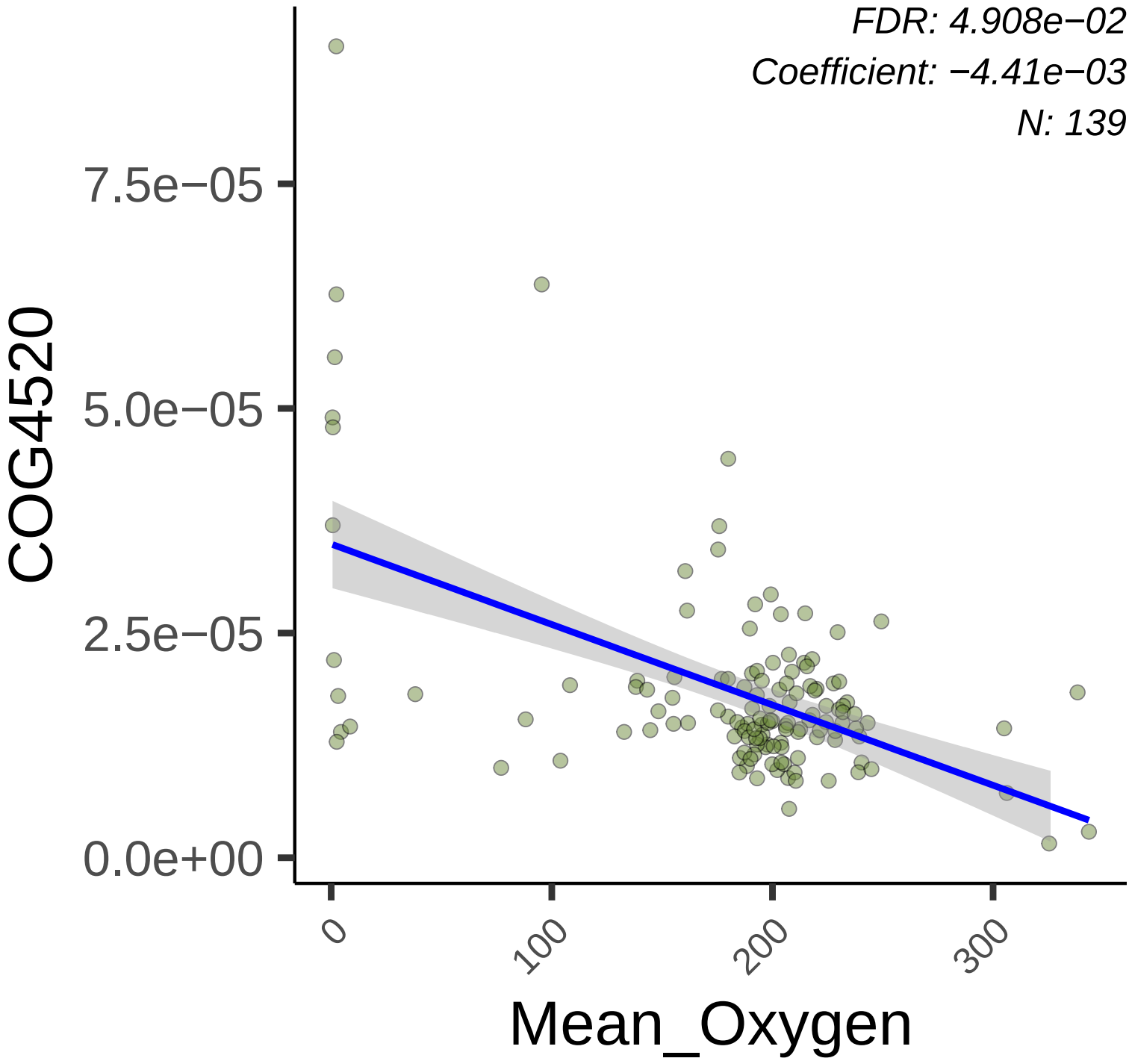
200
300
Mean_Oxygen


FDR: 4.908e−02
Coefficient: −4.41e−03
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2.5e−05
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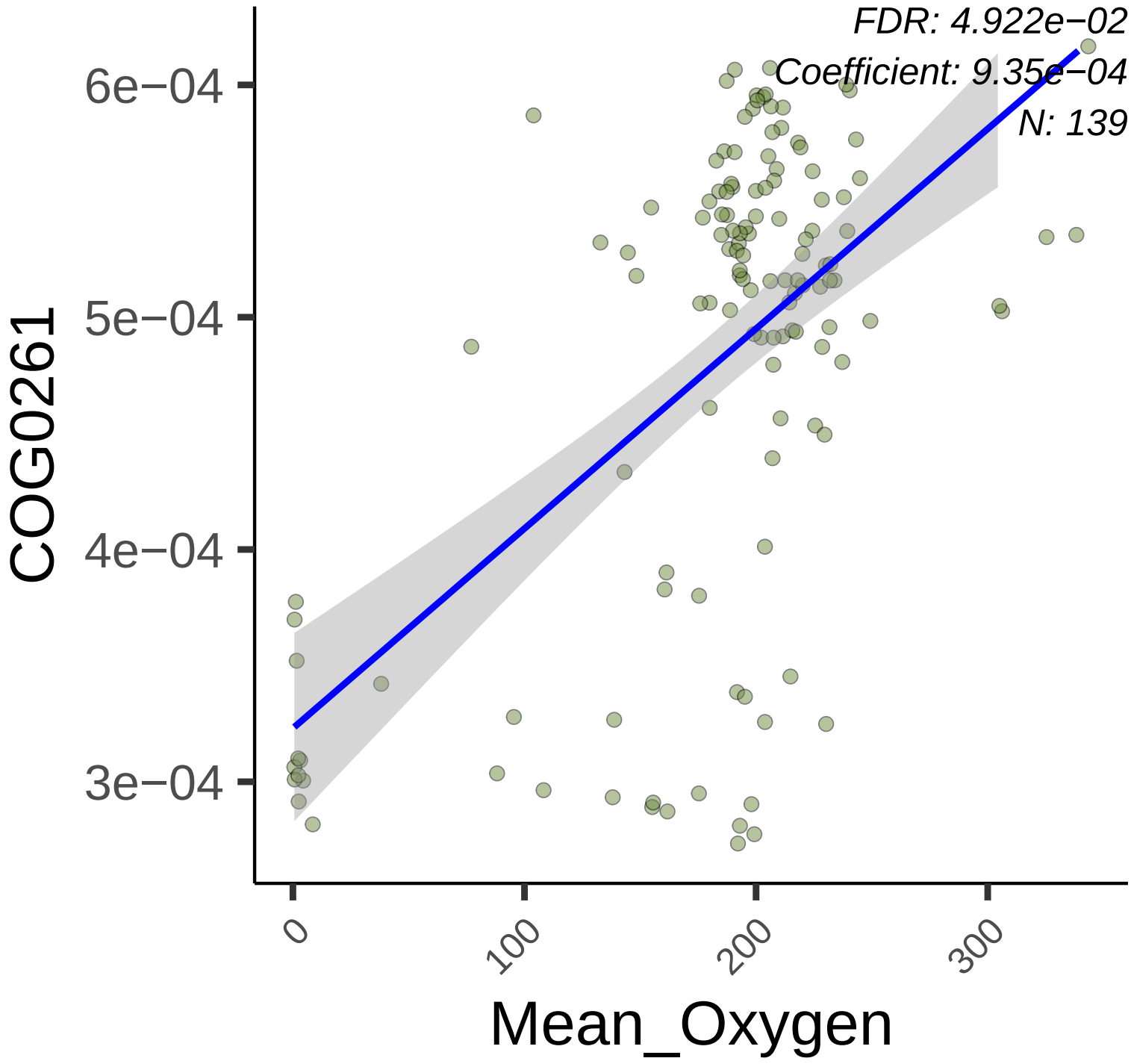
200
300
Mean_Oxygen


FDR: 4.922e−02
Coefficient: 9.35e−04
N: 139
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4e−04
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COG0261
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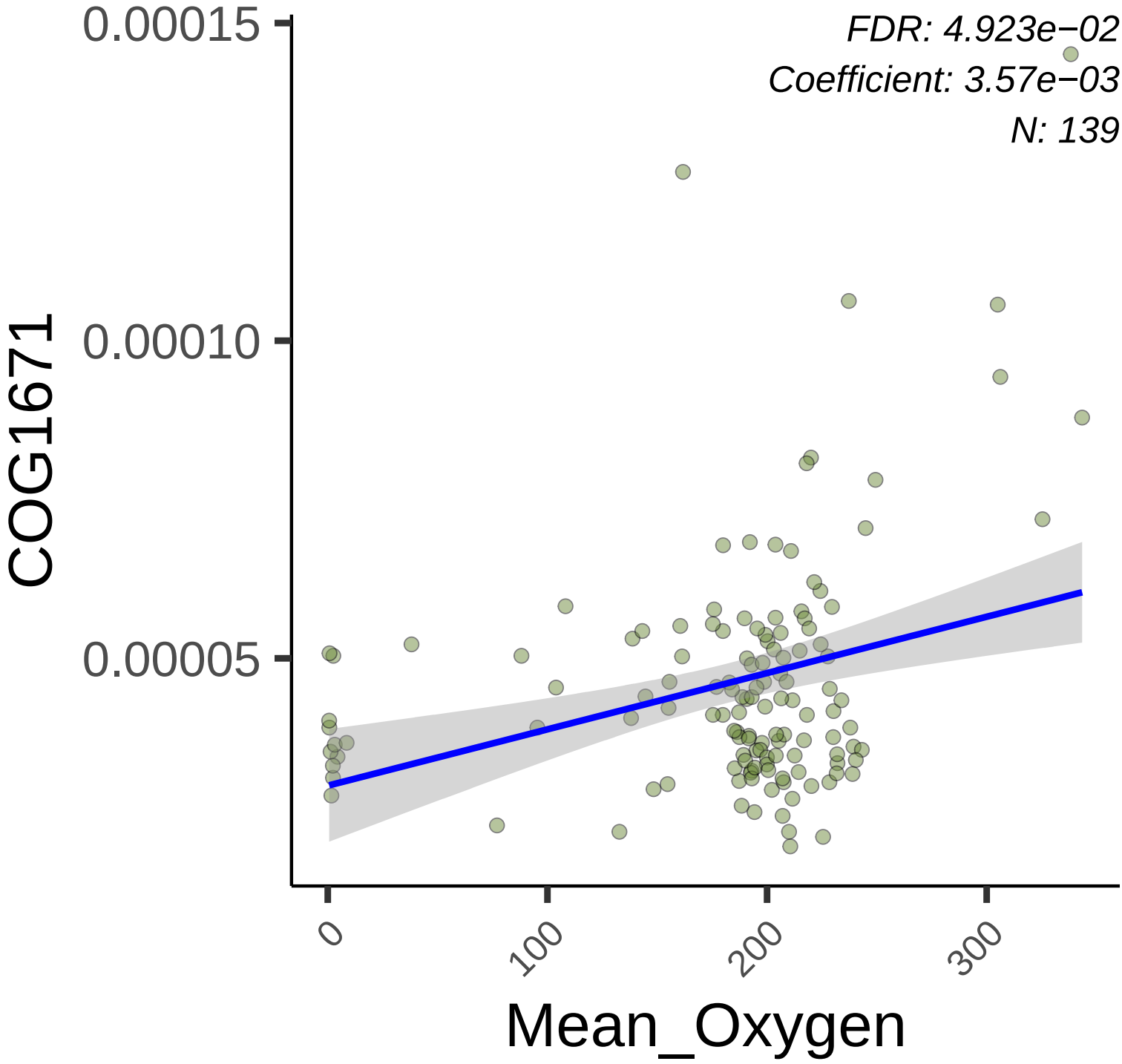
200
300
Mean_Oxygen


FDR: 4.923e−02
Coefficient: 3.57e−03
N: 139
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COG1671
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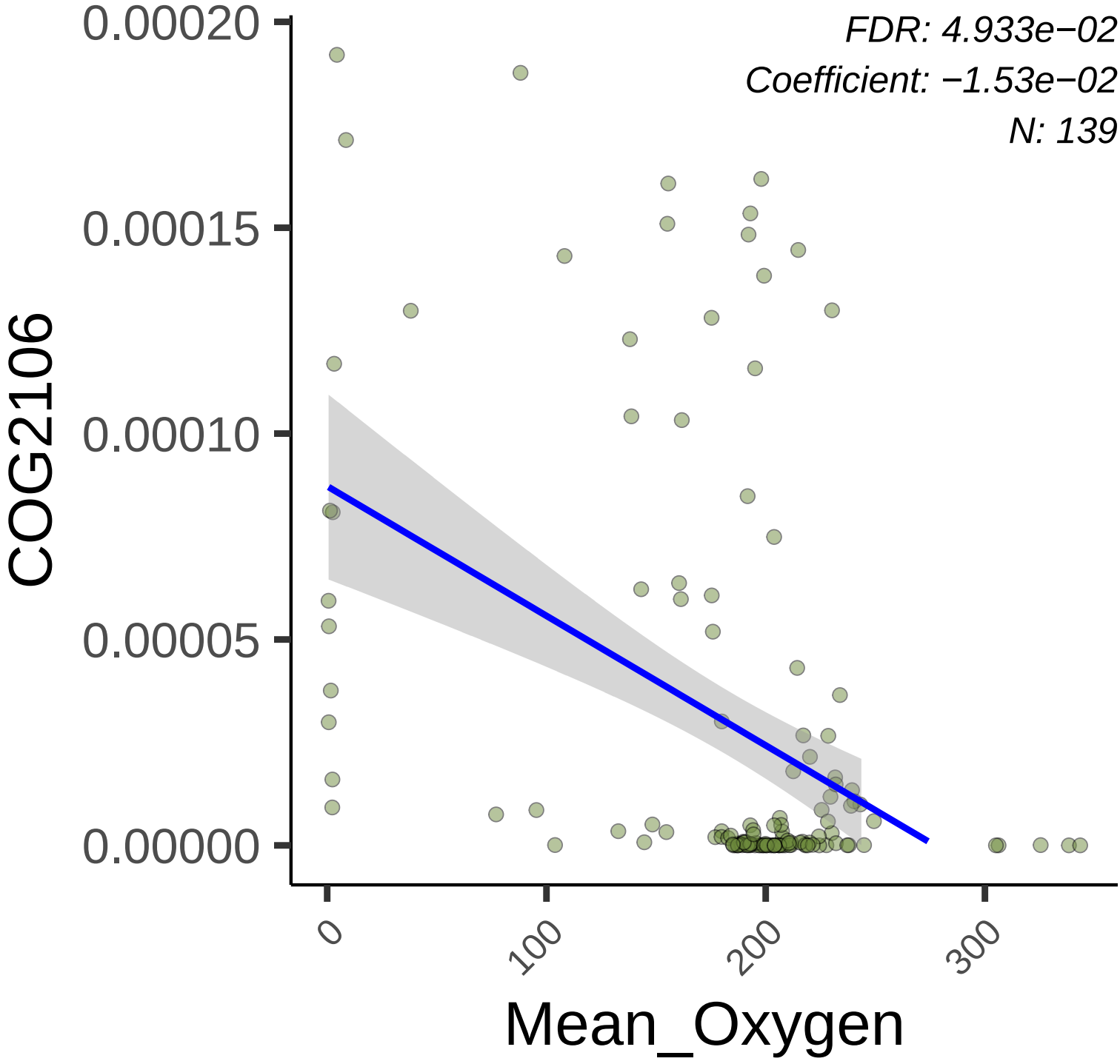
Mean_Oxygen


FDR: 4.933e−02
Coefficient: −1.53e−02
N: 139
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COG2106
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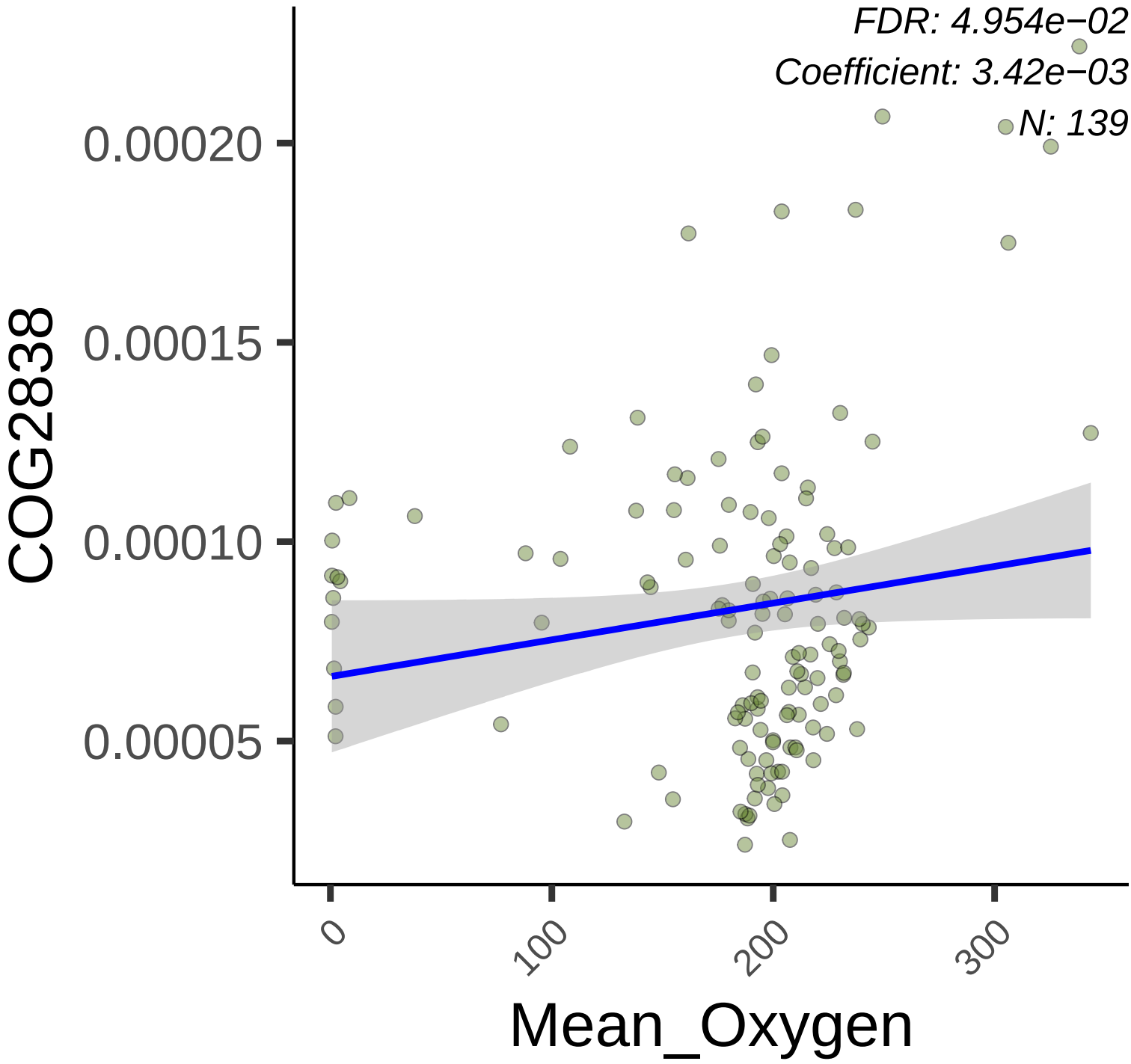
200
300
Mean_Oxygen


FDR: 4.954e−02
Coefficient: 3.42e−03
N: 139
COG2838
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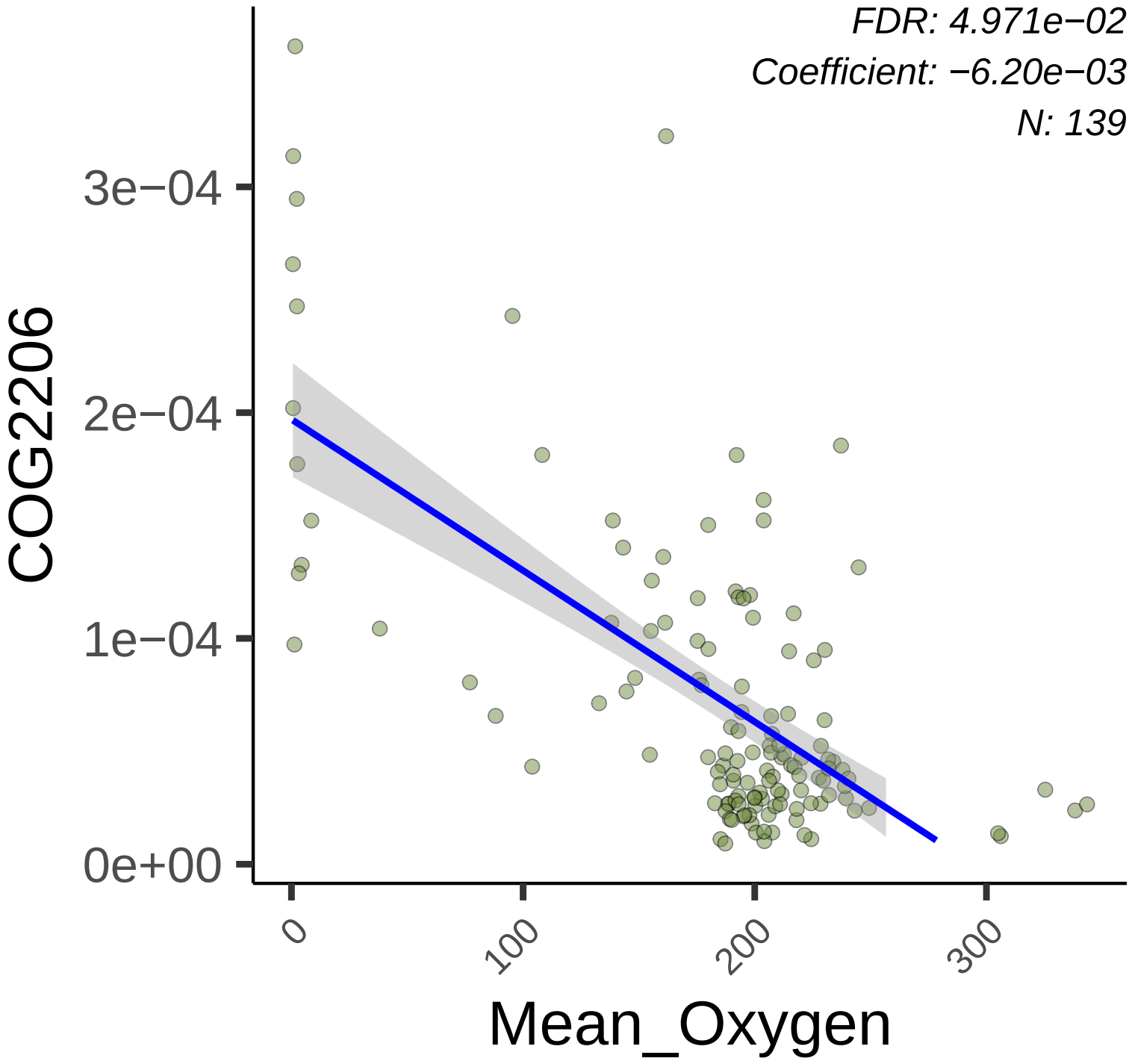
200
300
Mean_Oxygen


FDR: 4.971e−02
Coefficient: −6.20e−03
N: 139
COG2206
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1e−04
0e+00
0
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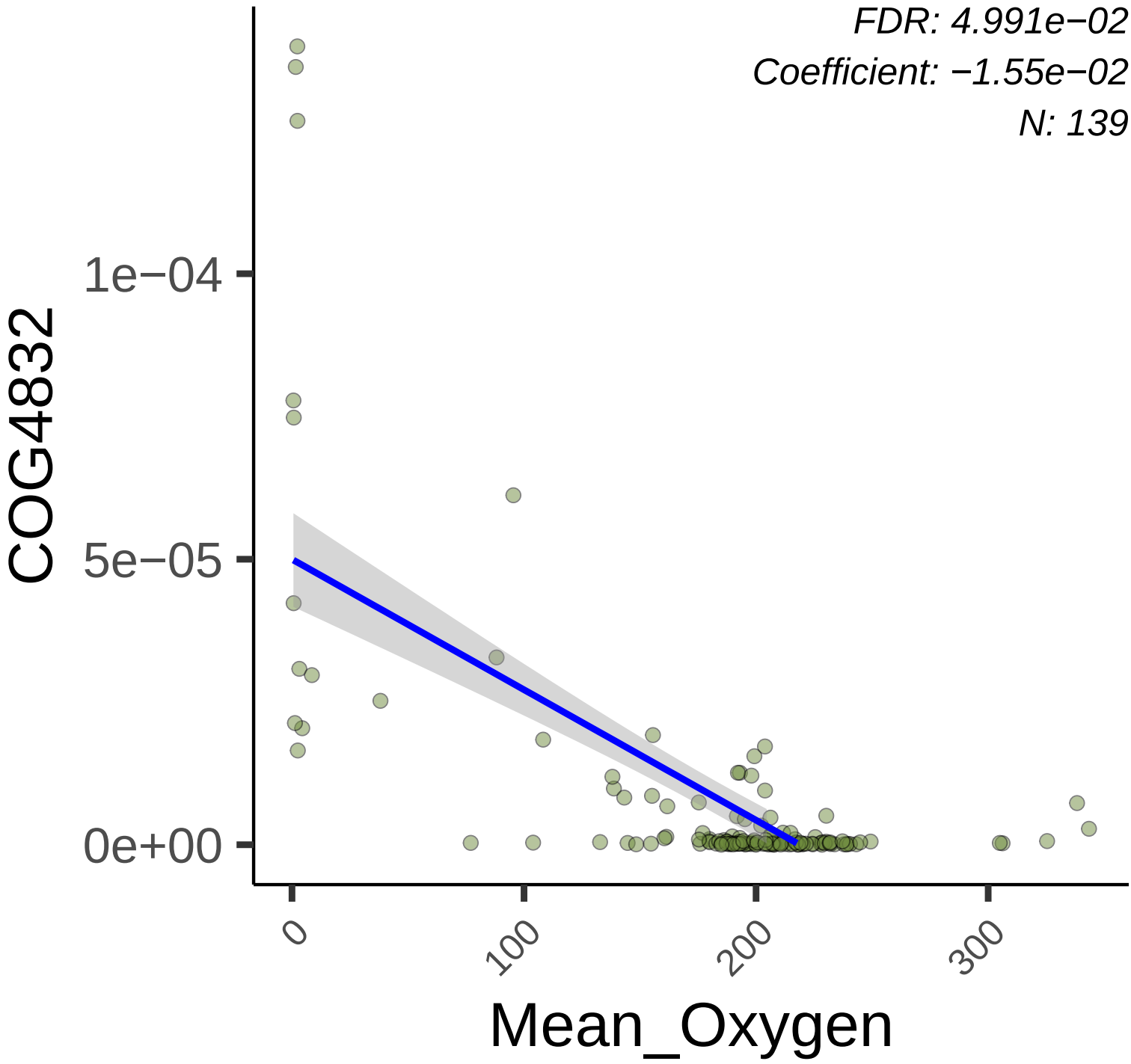
200
300
Mean_Oxygen


FDR: 4.991e−02
Coefficient: −1.55e−02
N: 139
COG4832
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5e−05
0e+00
0
100
200
300
Mean_Oxygen