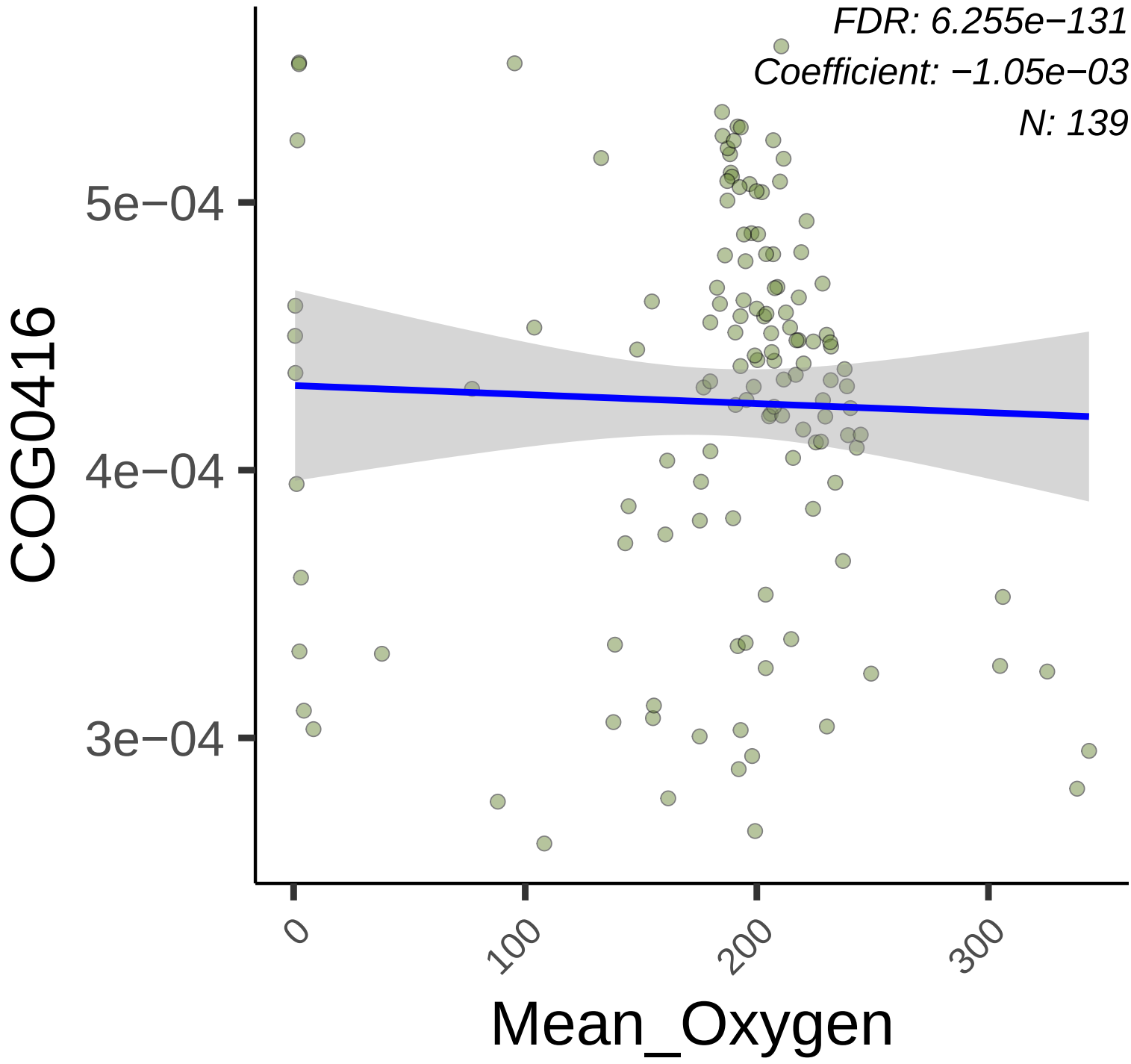
FDR: 6.255e−131
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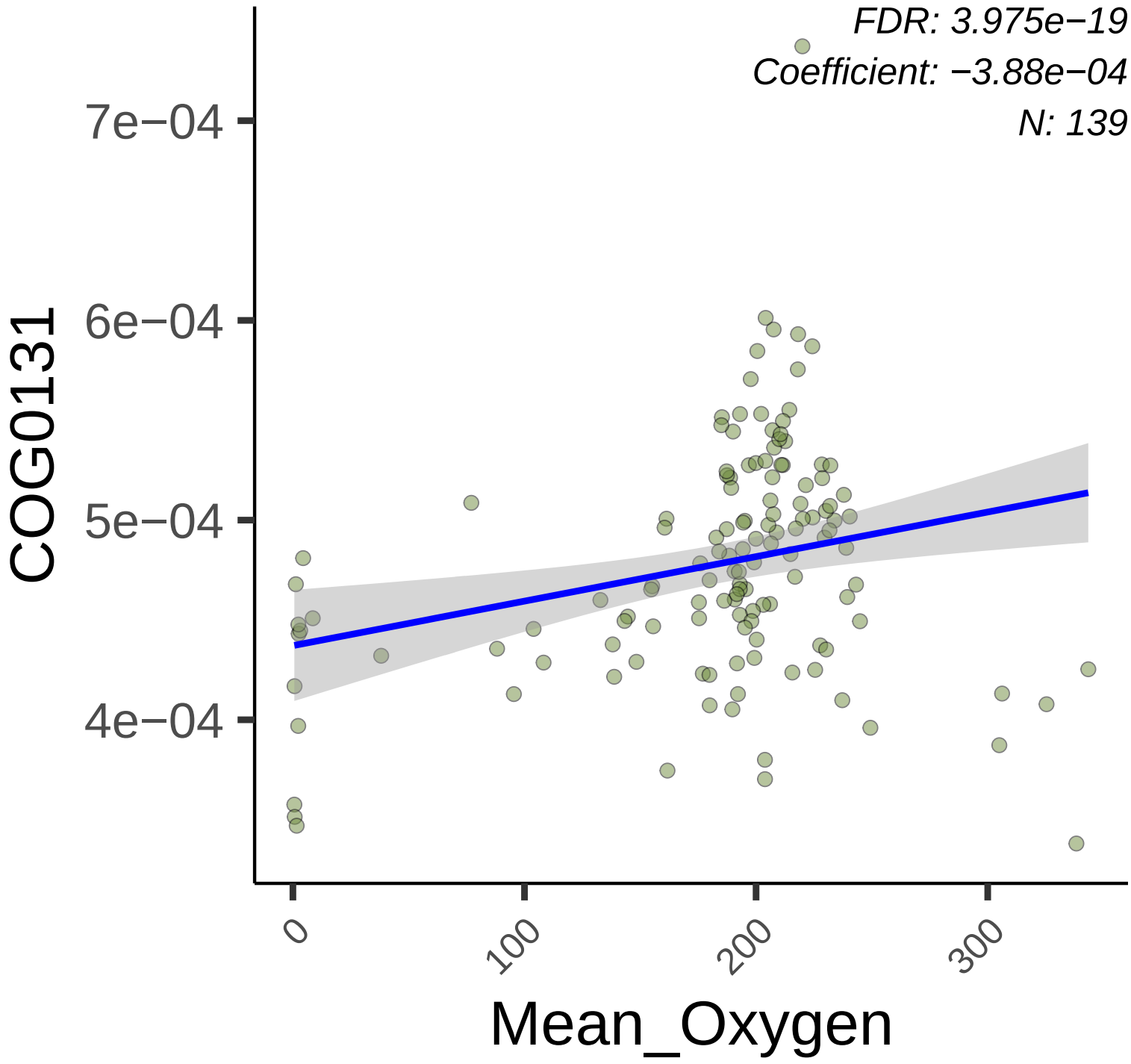
Mean_Oxygen


FDR: 3.975e−19
Coefficient: −3.88e−04
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COG0131
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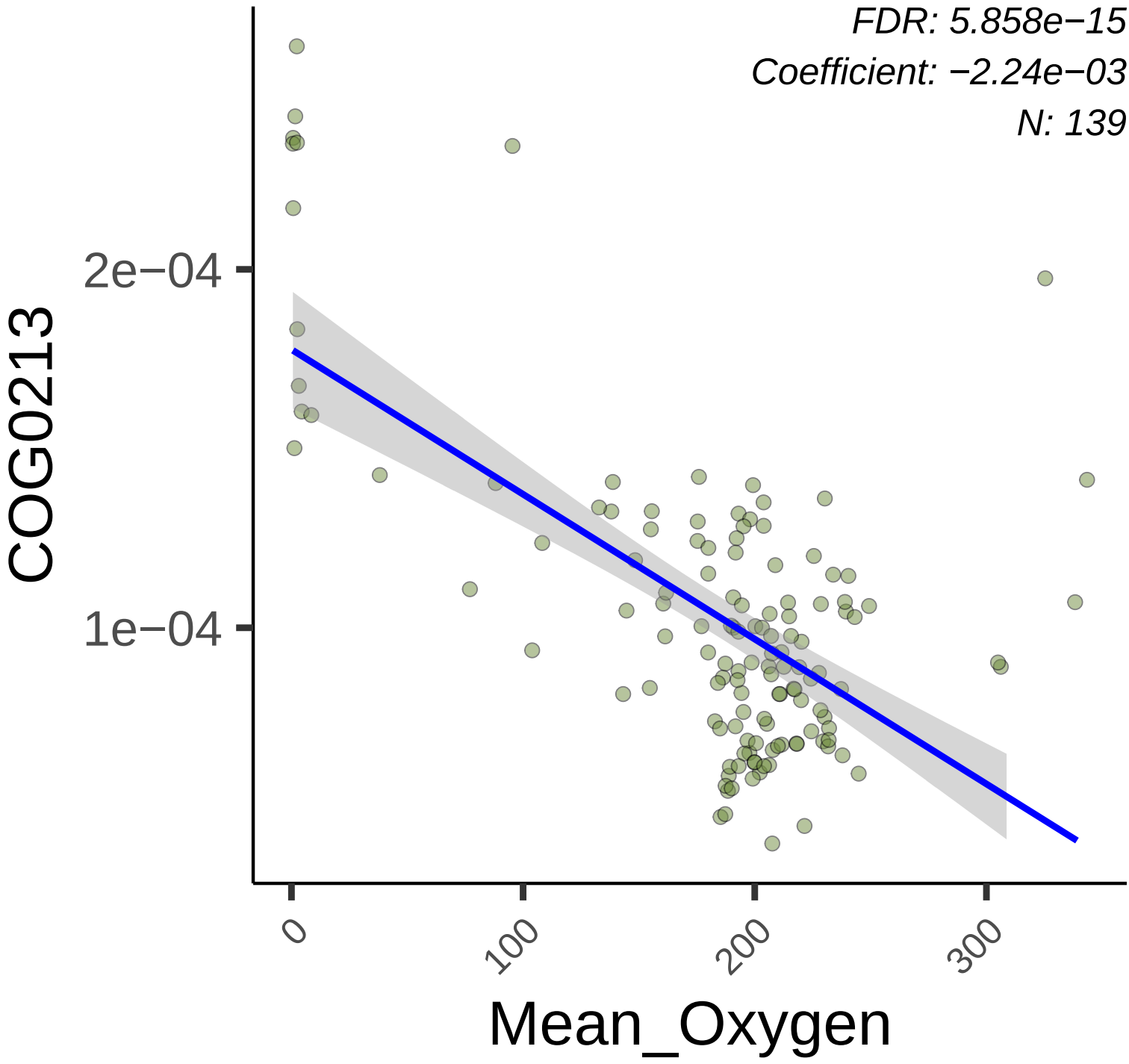
FDR: 5.858e−15
Coefficient: −2.24e−03
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COG0213
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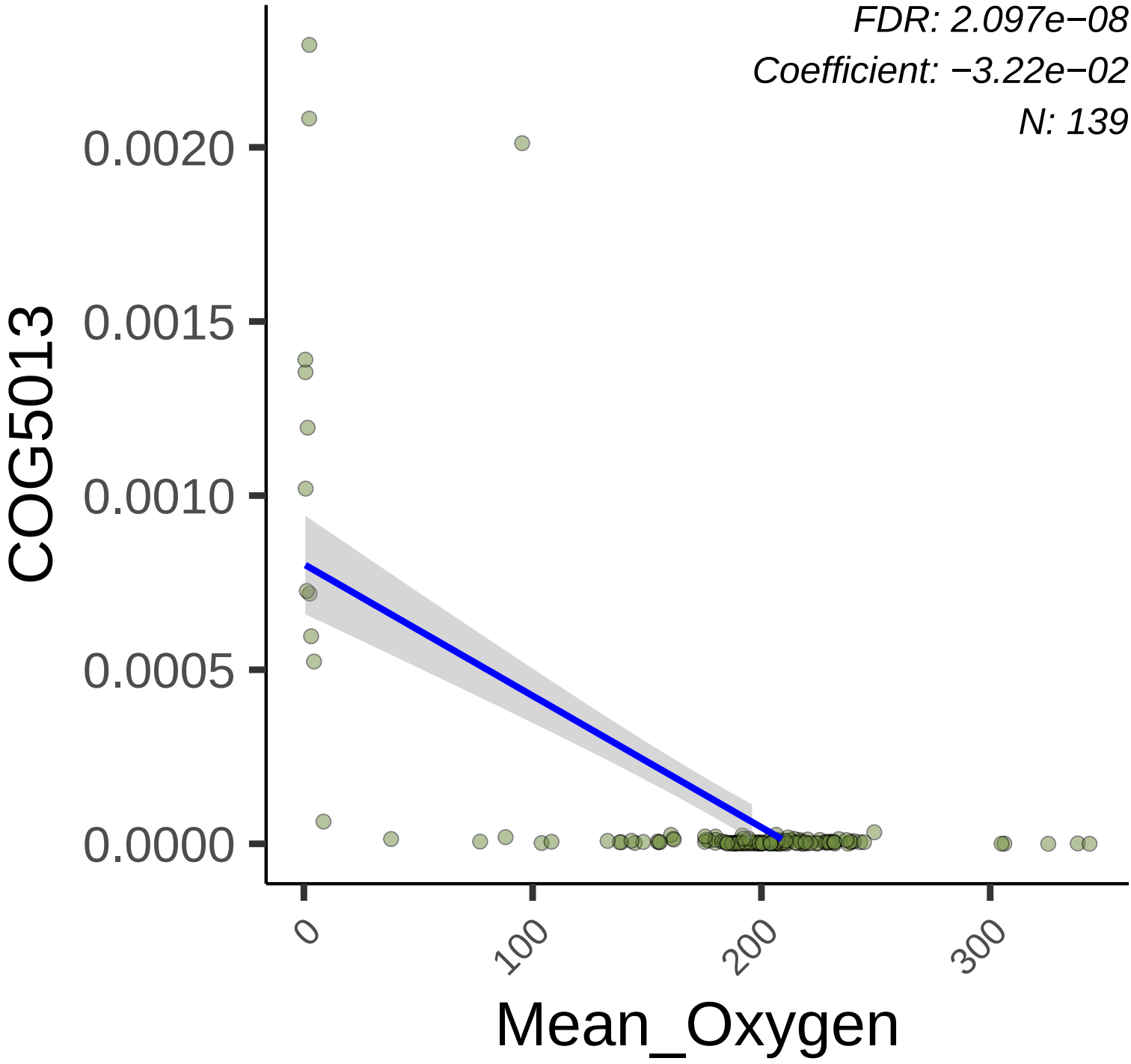
FDR: 2.097e−08
Coefficient: −3.22e−02
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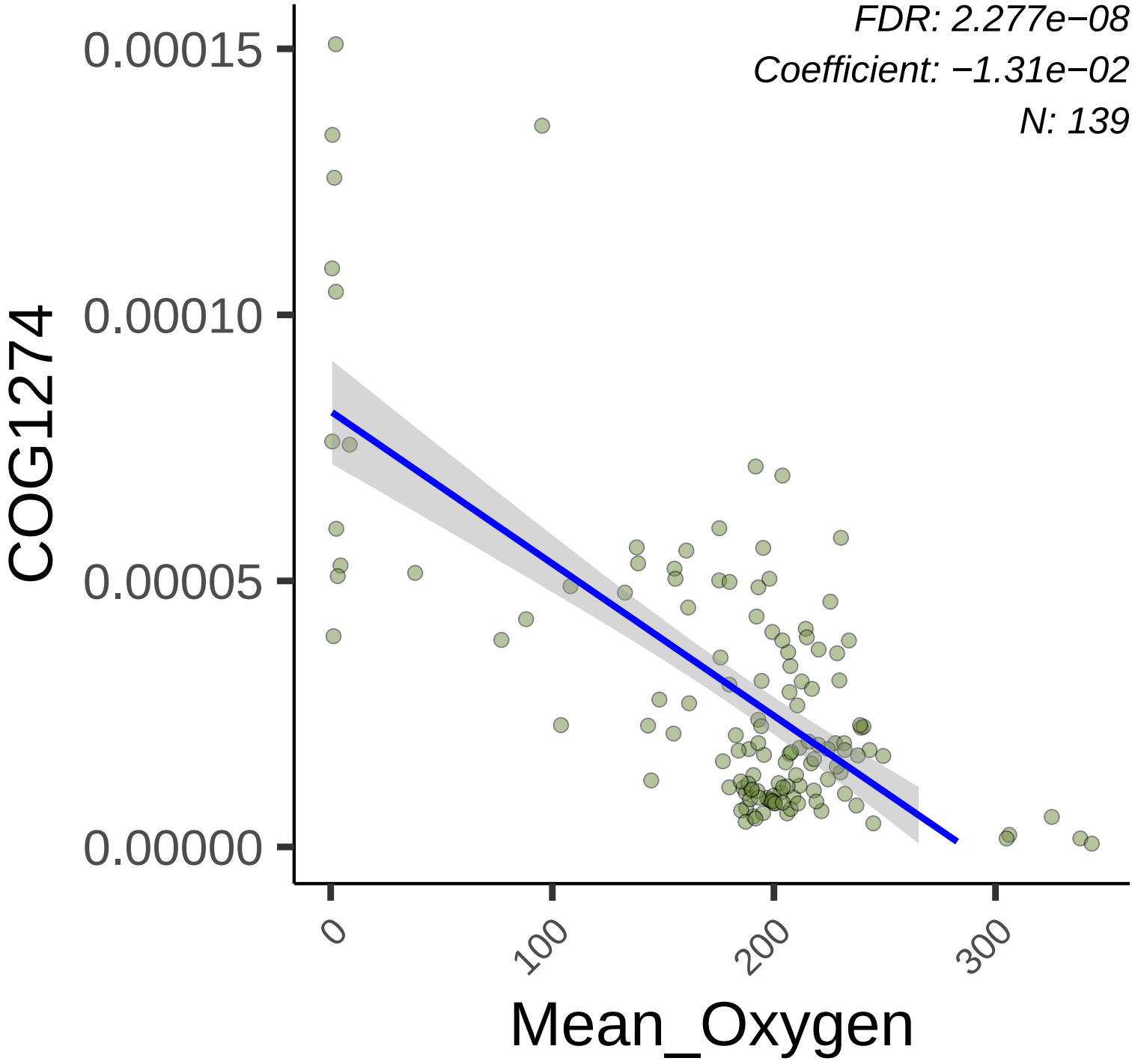
FDR: 2.277e−08
Coefficient: −1.31e−02
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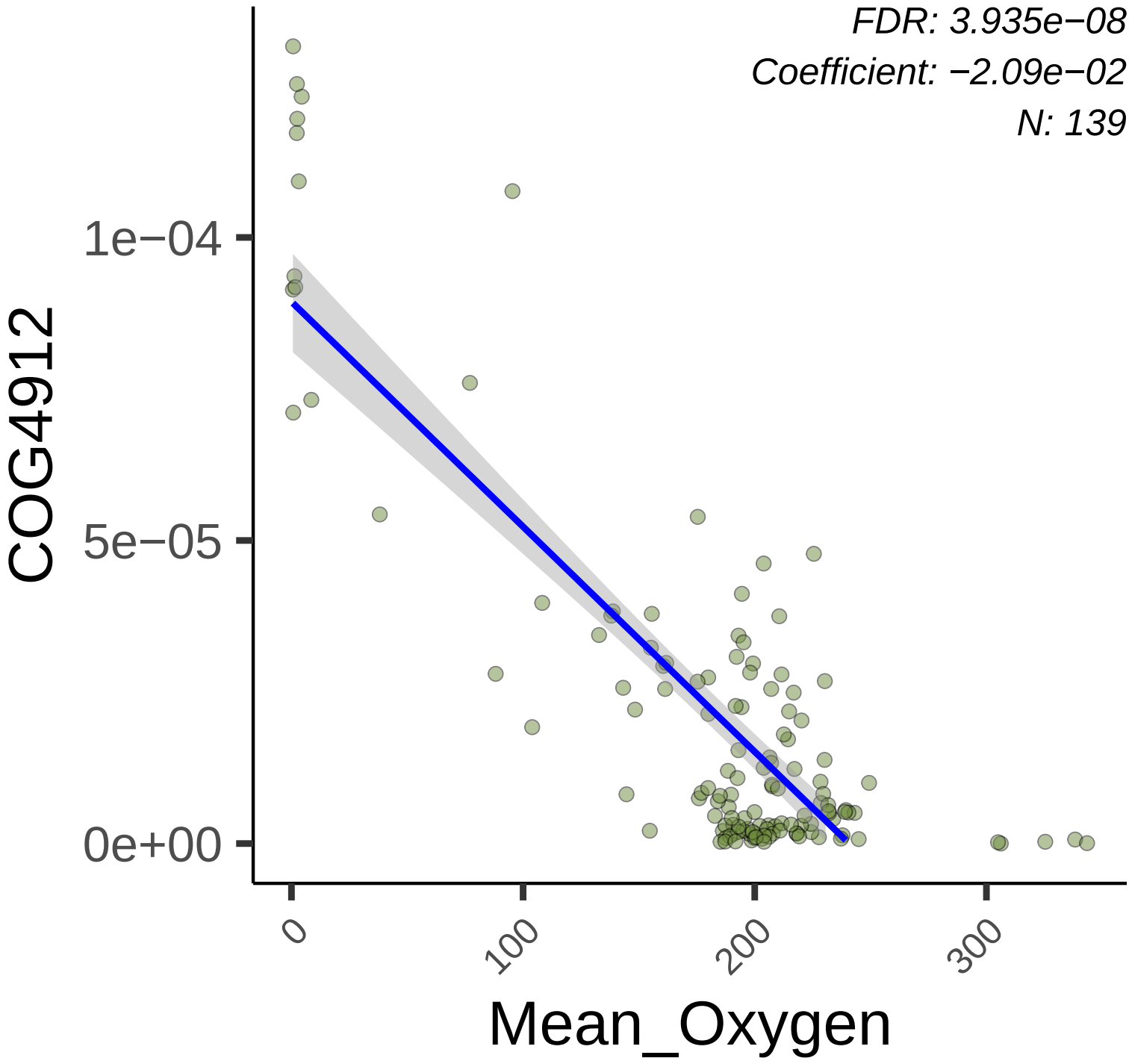
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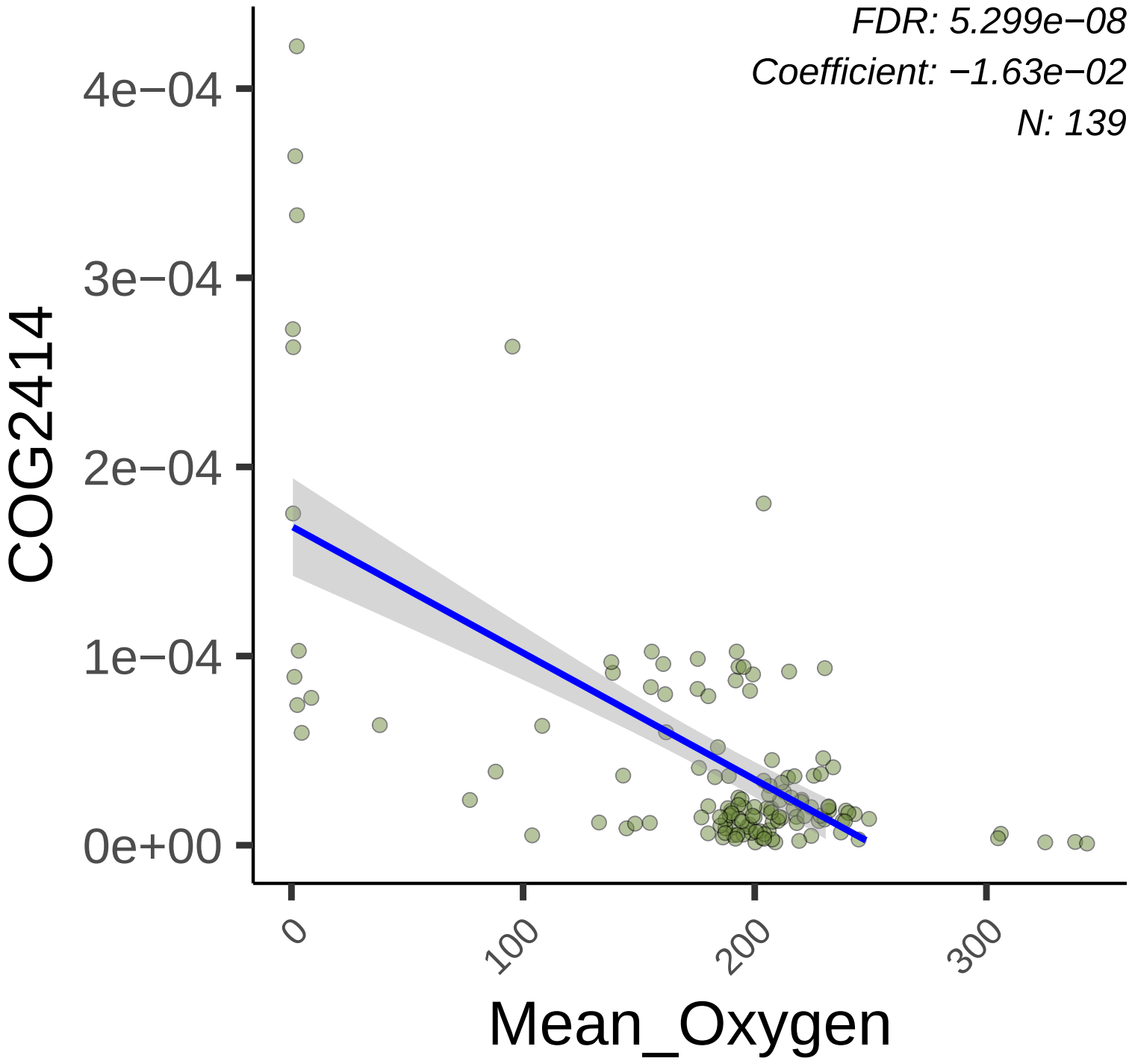
Mean_Oxygen


FDR: 5.299e−08
Coefficient: −1.63e−02
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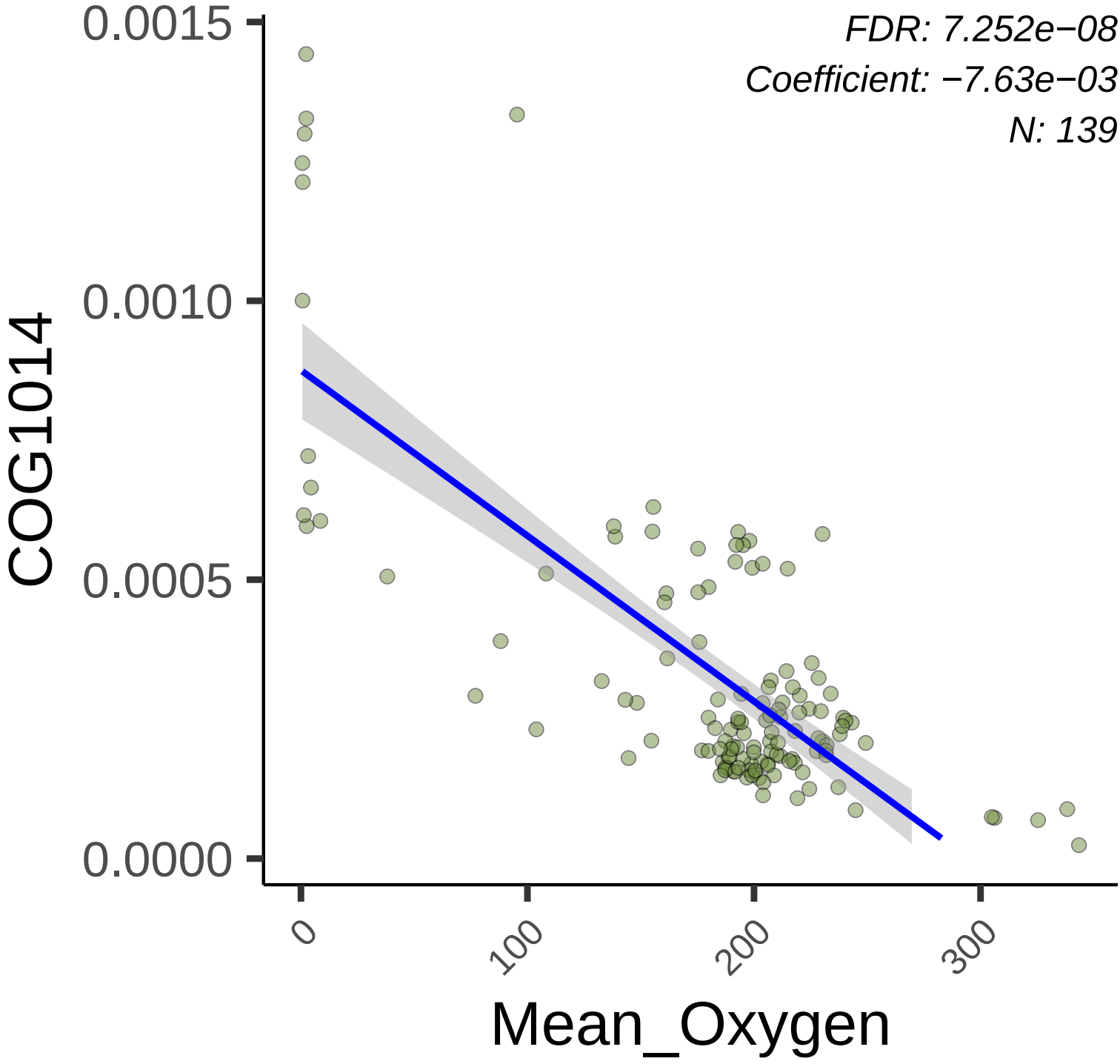
Mean_Oxygen


FDR: 7.252e−08
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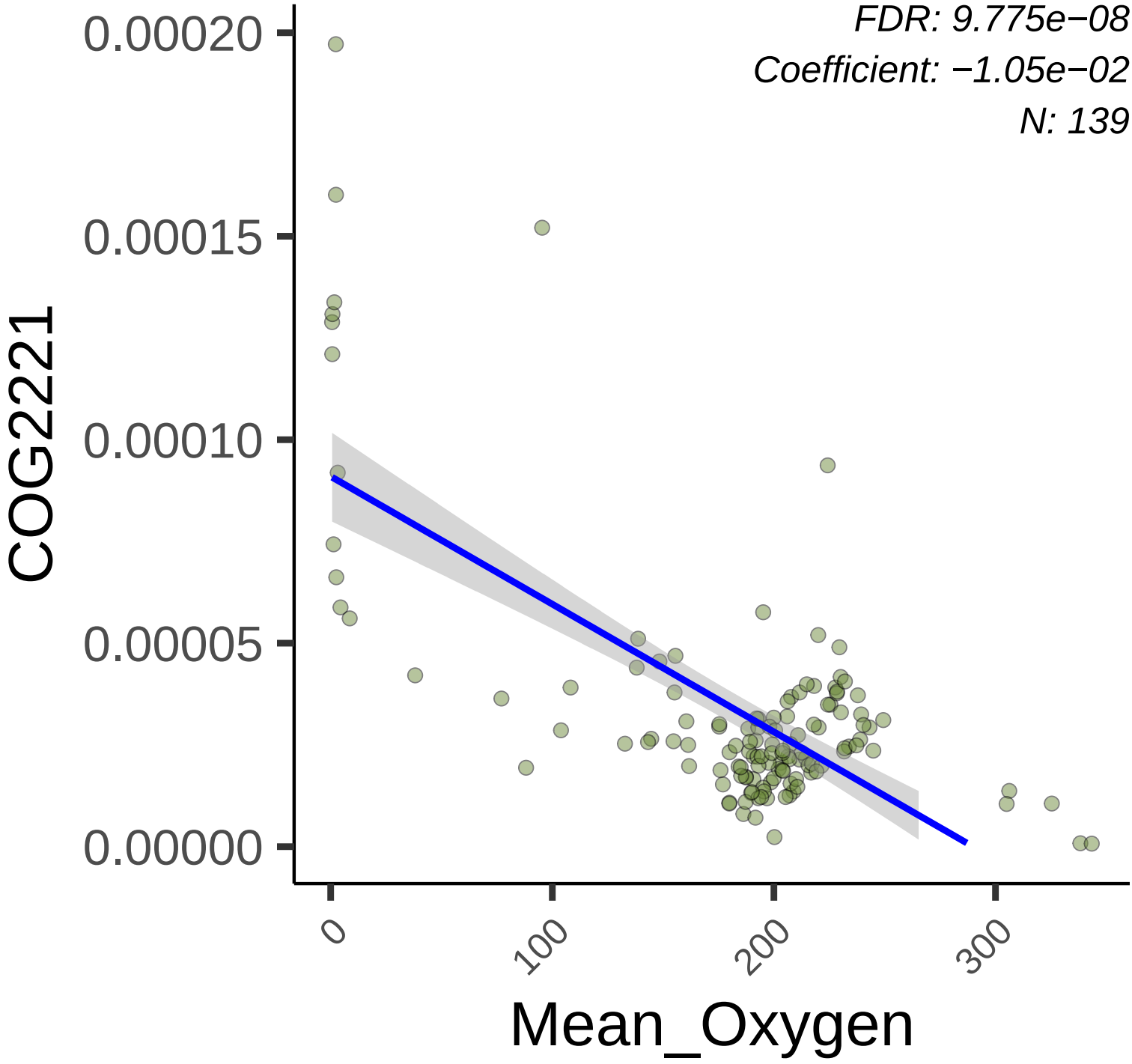
Mean_Oxygen


FDR: 9.775e−08
Coefficient: −1.05e−02
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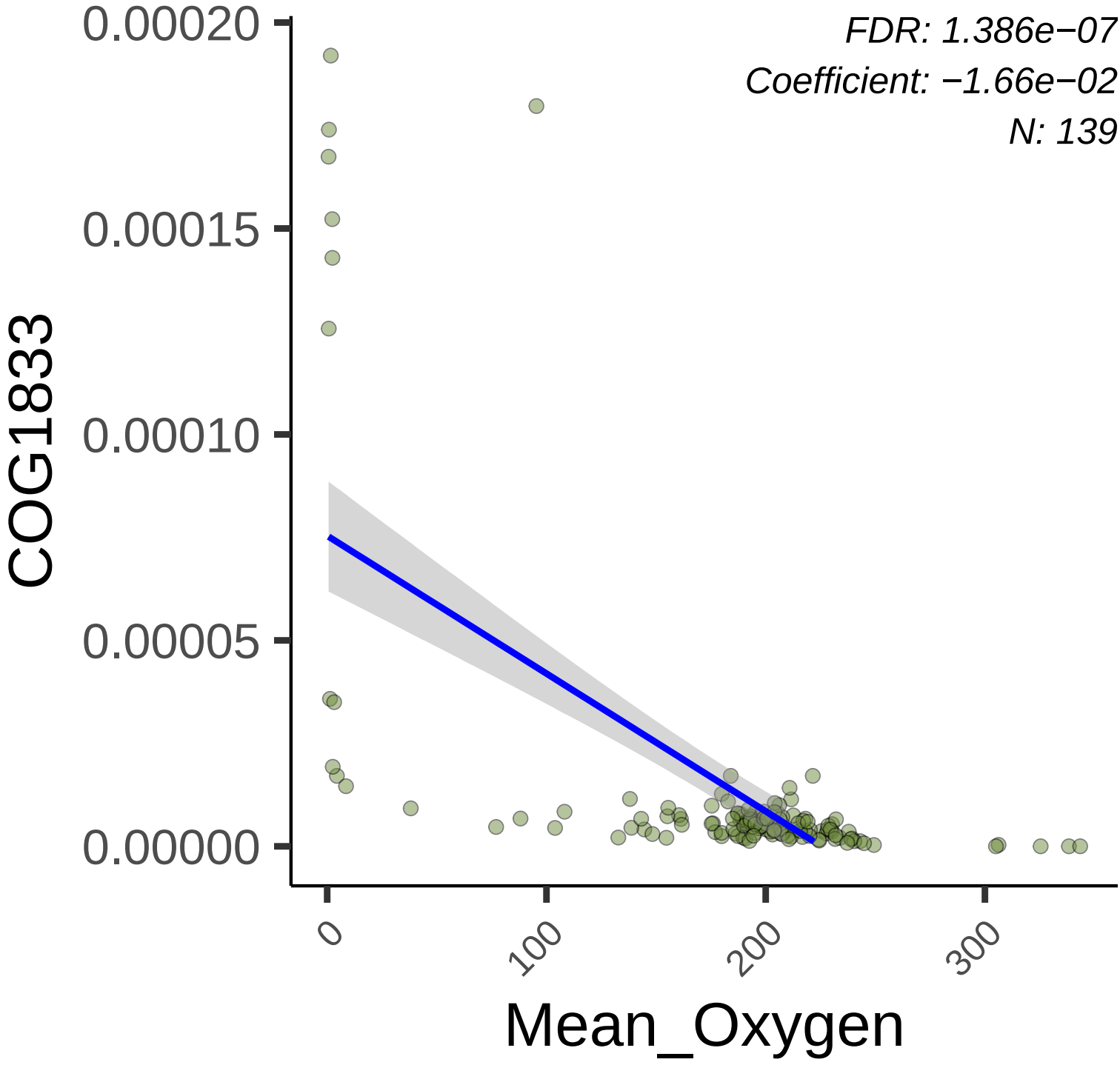
Mean_Oxygen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Coefficient: −1.66e−02
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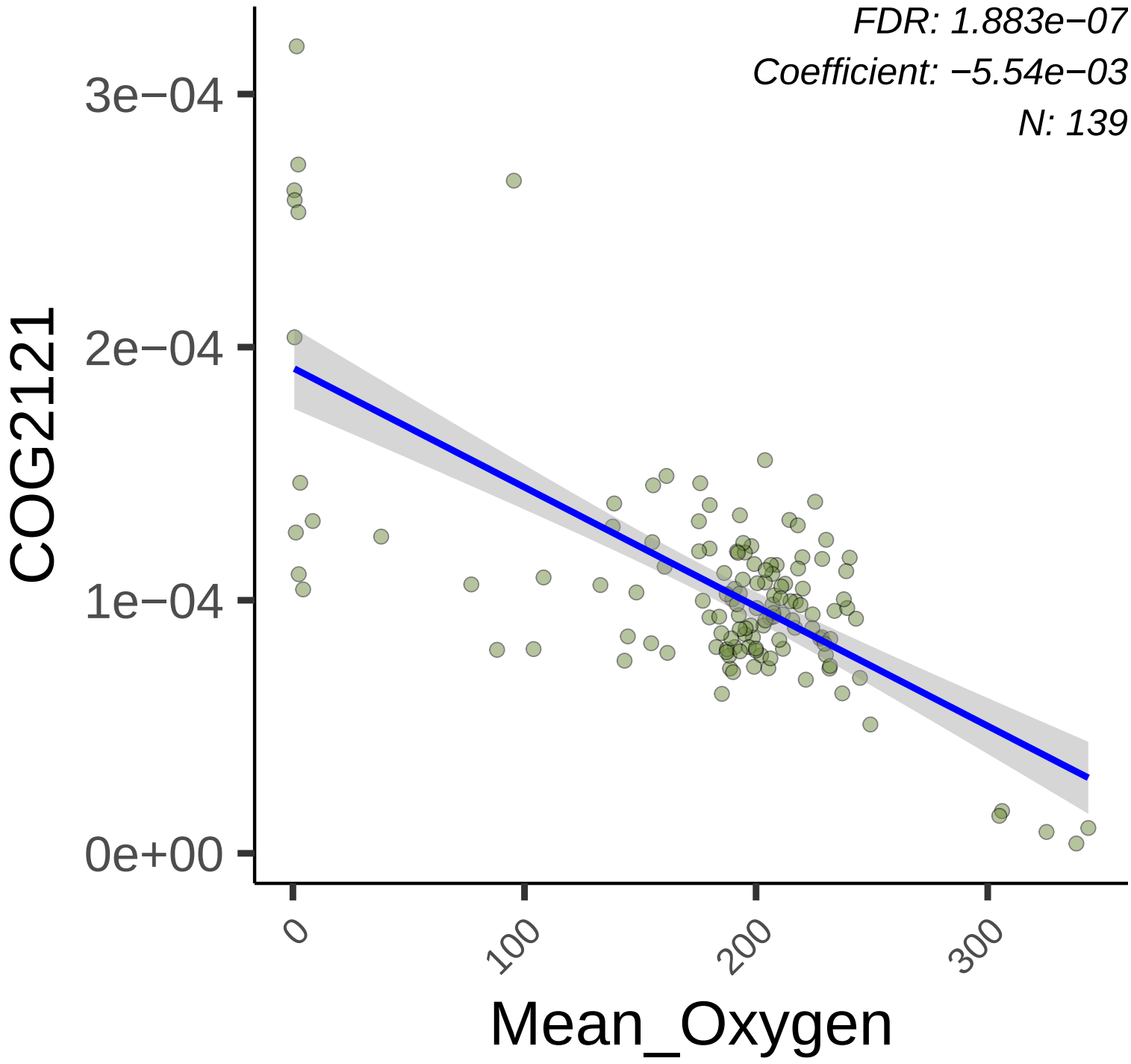
Mean_Oxygen


FDR: 1.883e−07
Coefficient: −5.54e−03
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COG2121
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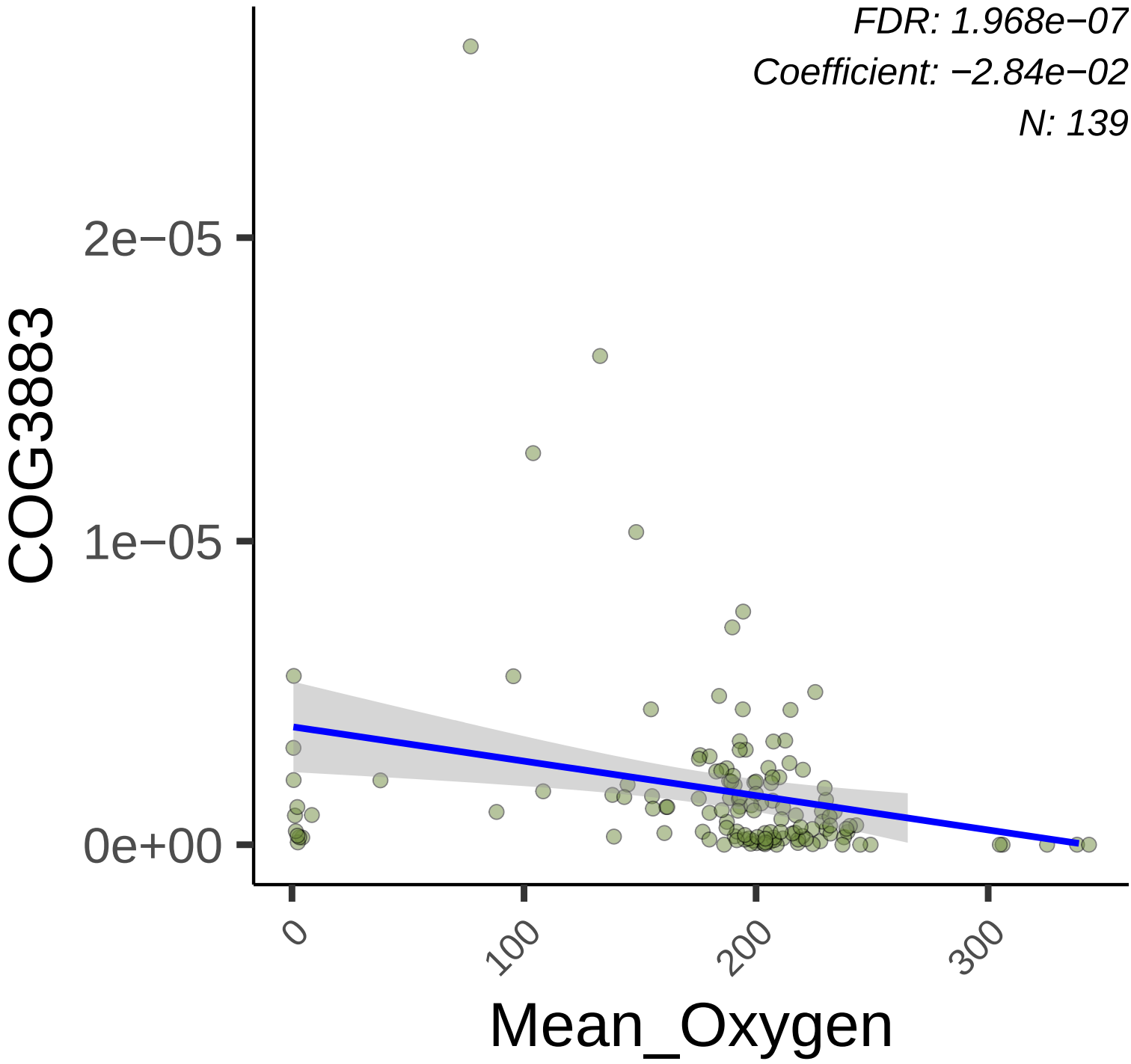
Mean_Oxygen


FDR: 1.968e−07
Coefficient: −2.84e−02
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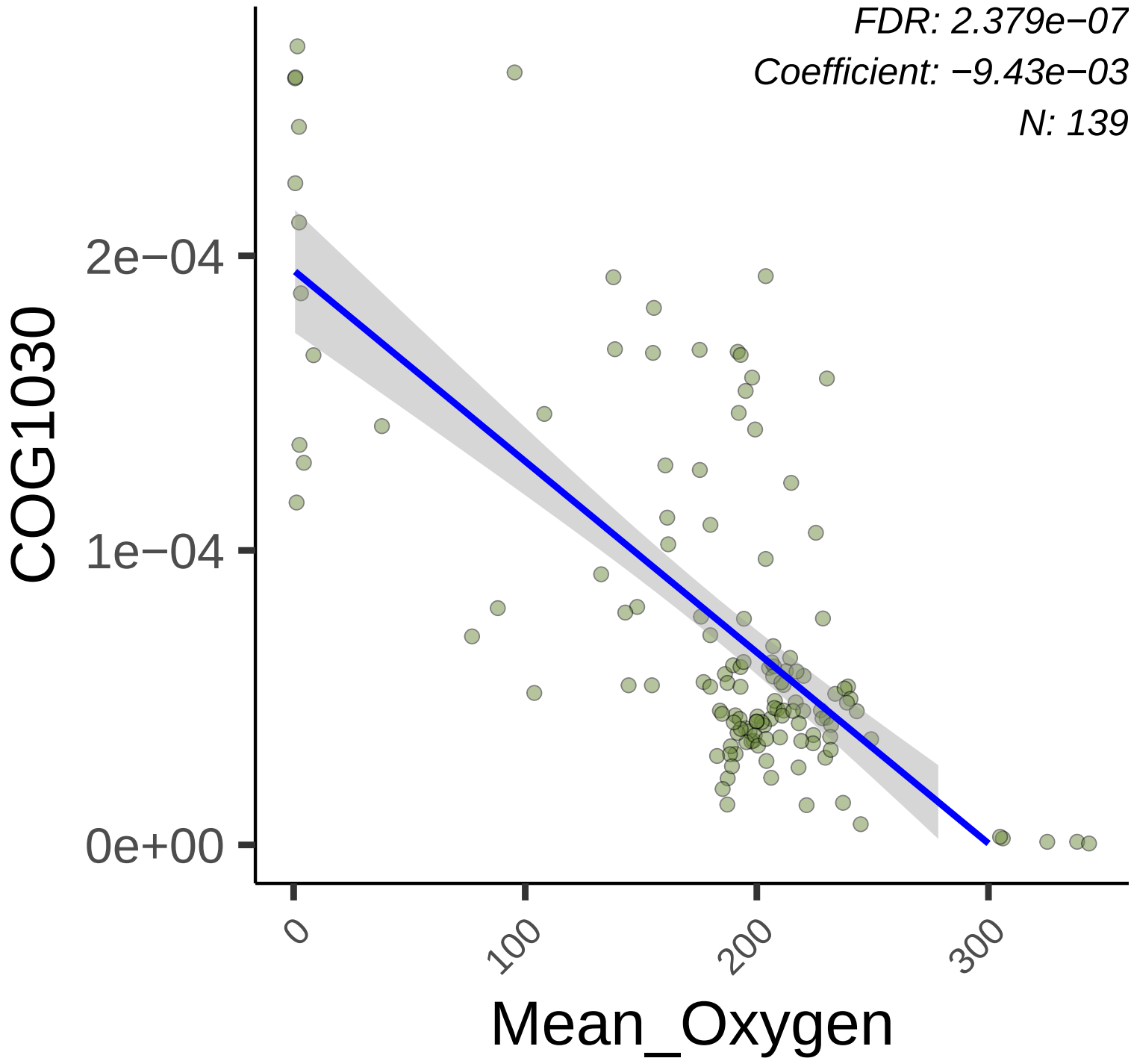
Mean_Oxygen


FDR: 2.379e−07
Coefficient: −9.43e−03
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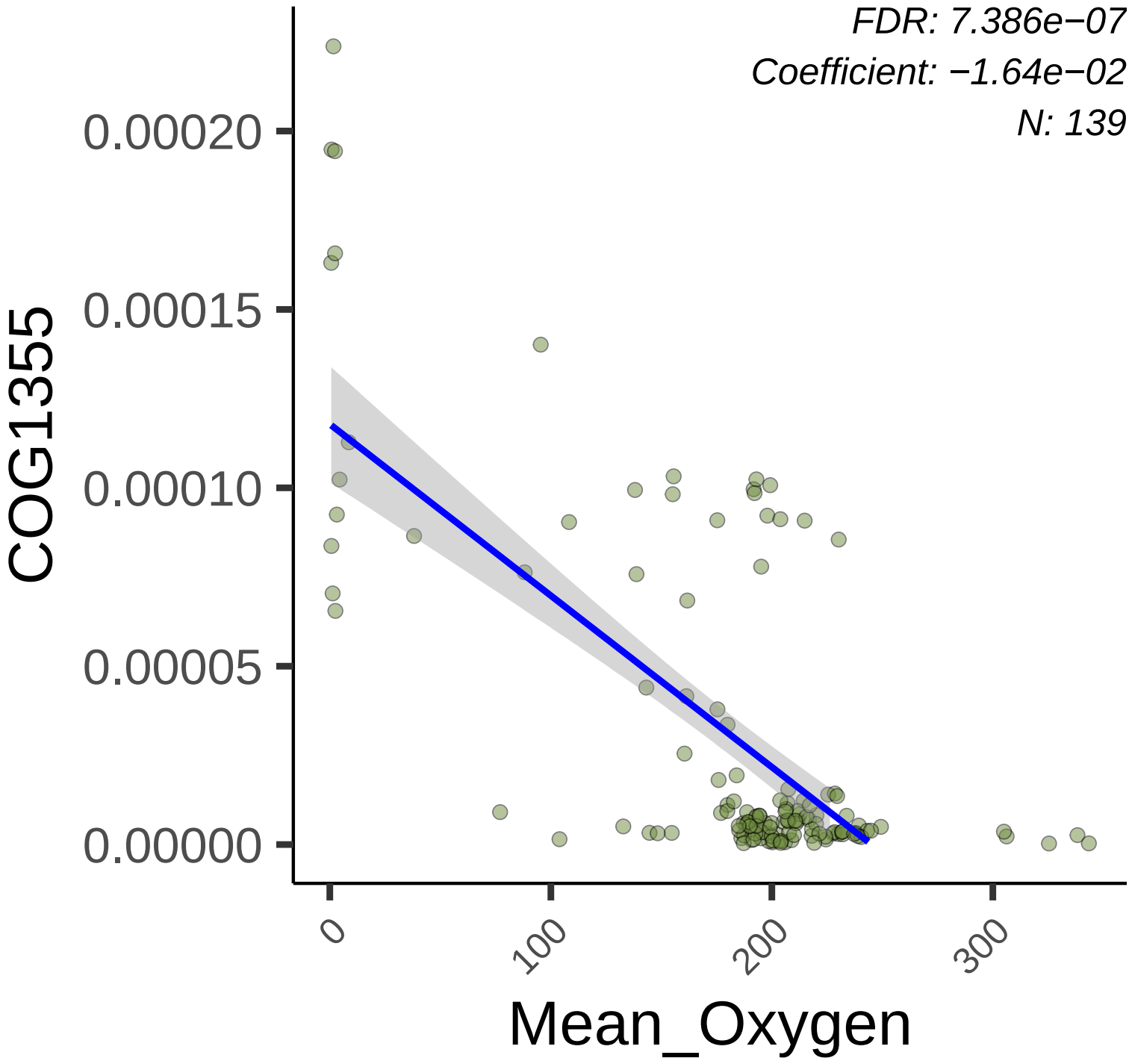
Mean_Oxygen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Coefficient: −1.64e−02
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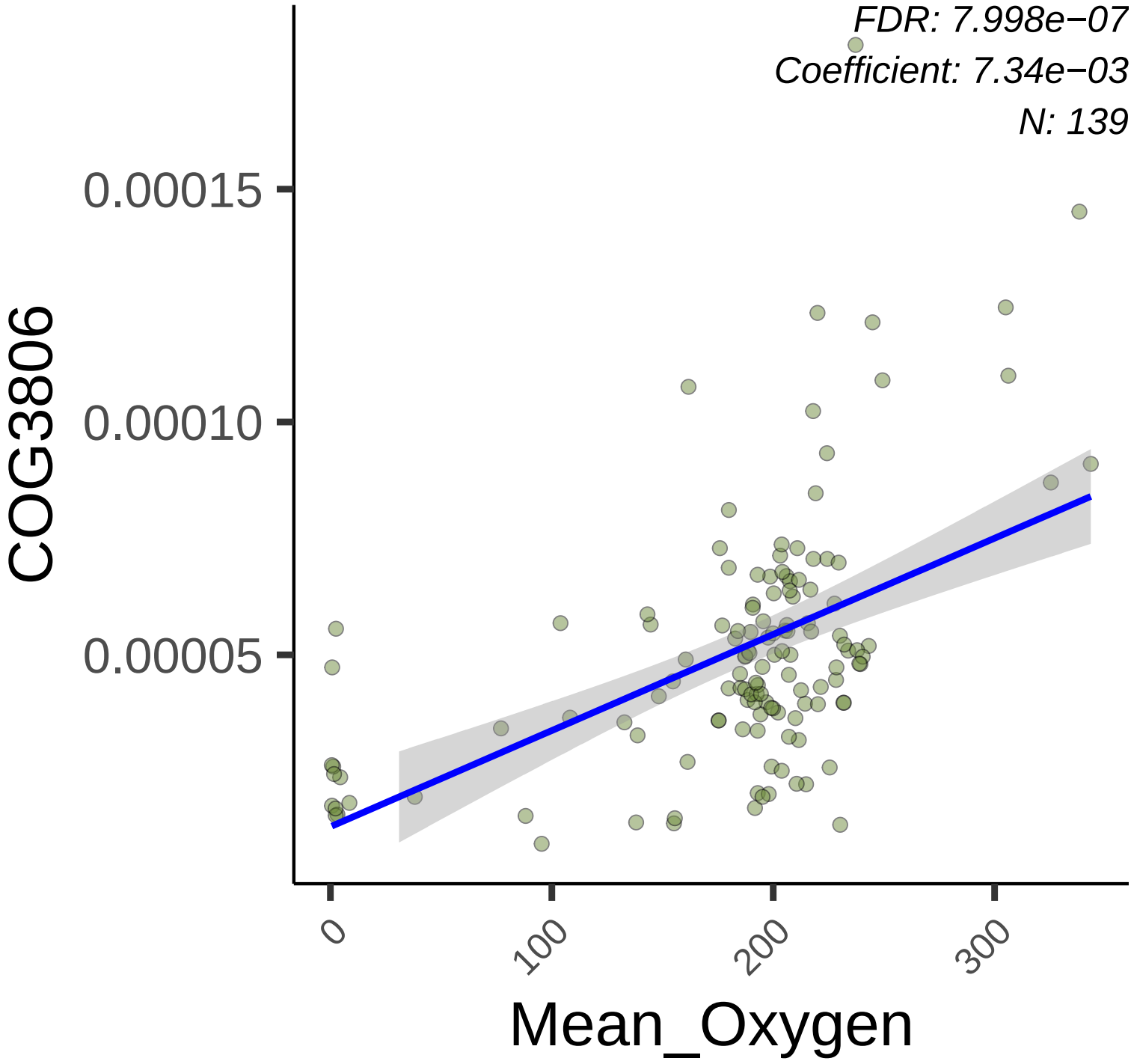
Mean_Oxygen


FDR: 7.998e−07
Coefficient: 7.34e−03
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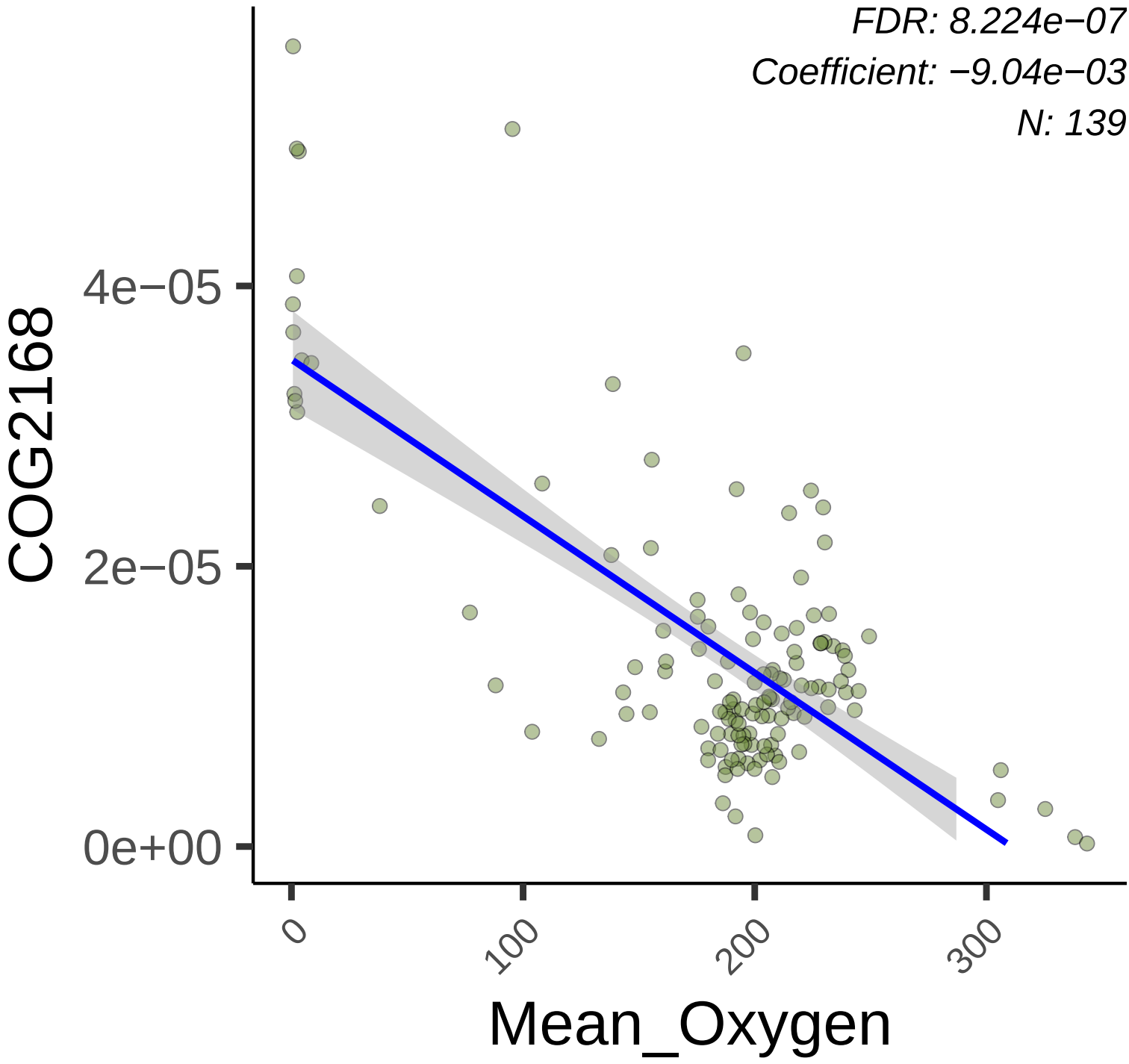
Mean_Oxygen


FDR: 8.224e−07
Coefficient: −9.04e−03
N: 139
COG2168
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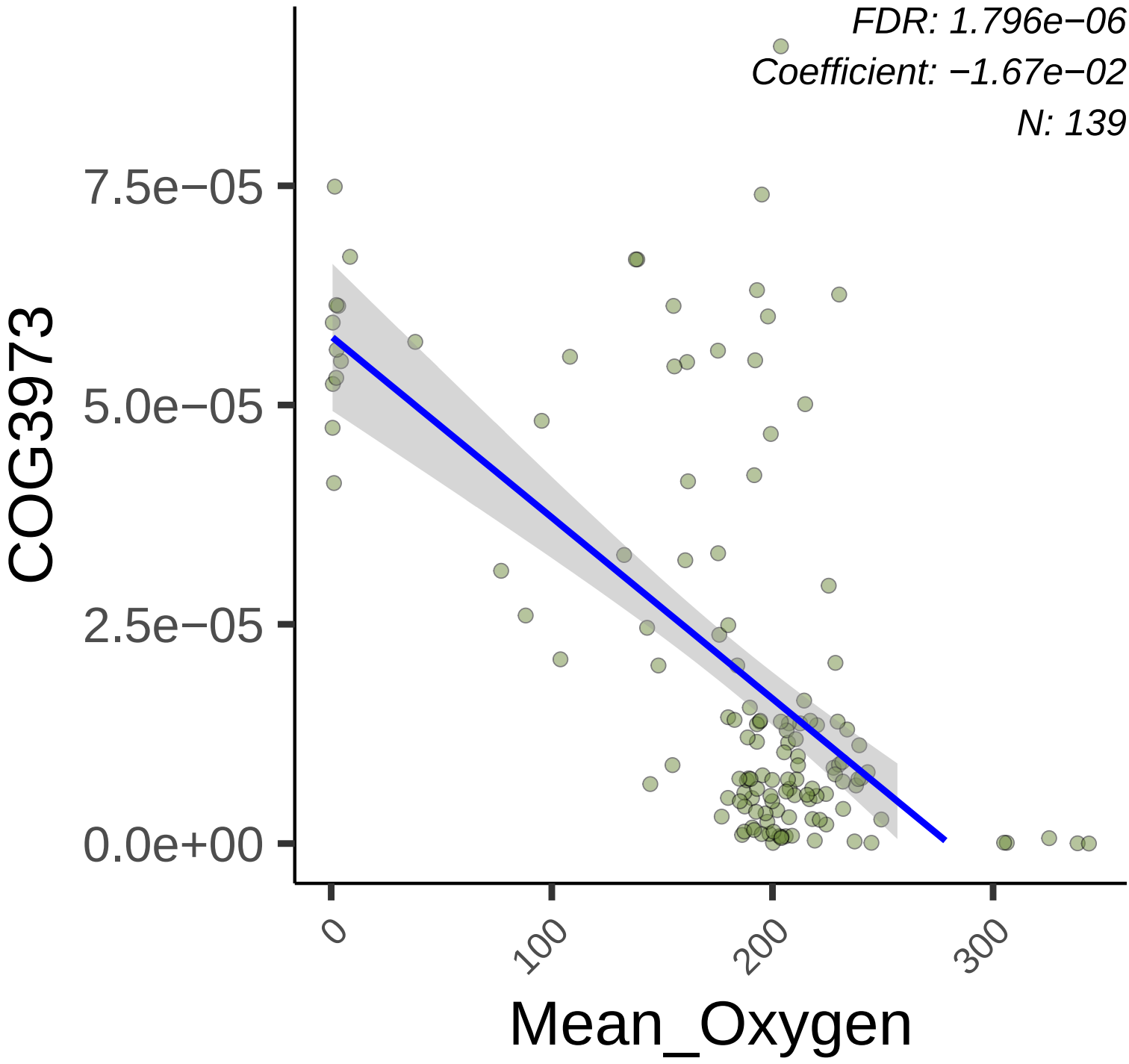
Mean_Oxygen


FDR: 1.796e−06
Coefficient: −1.67e−02
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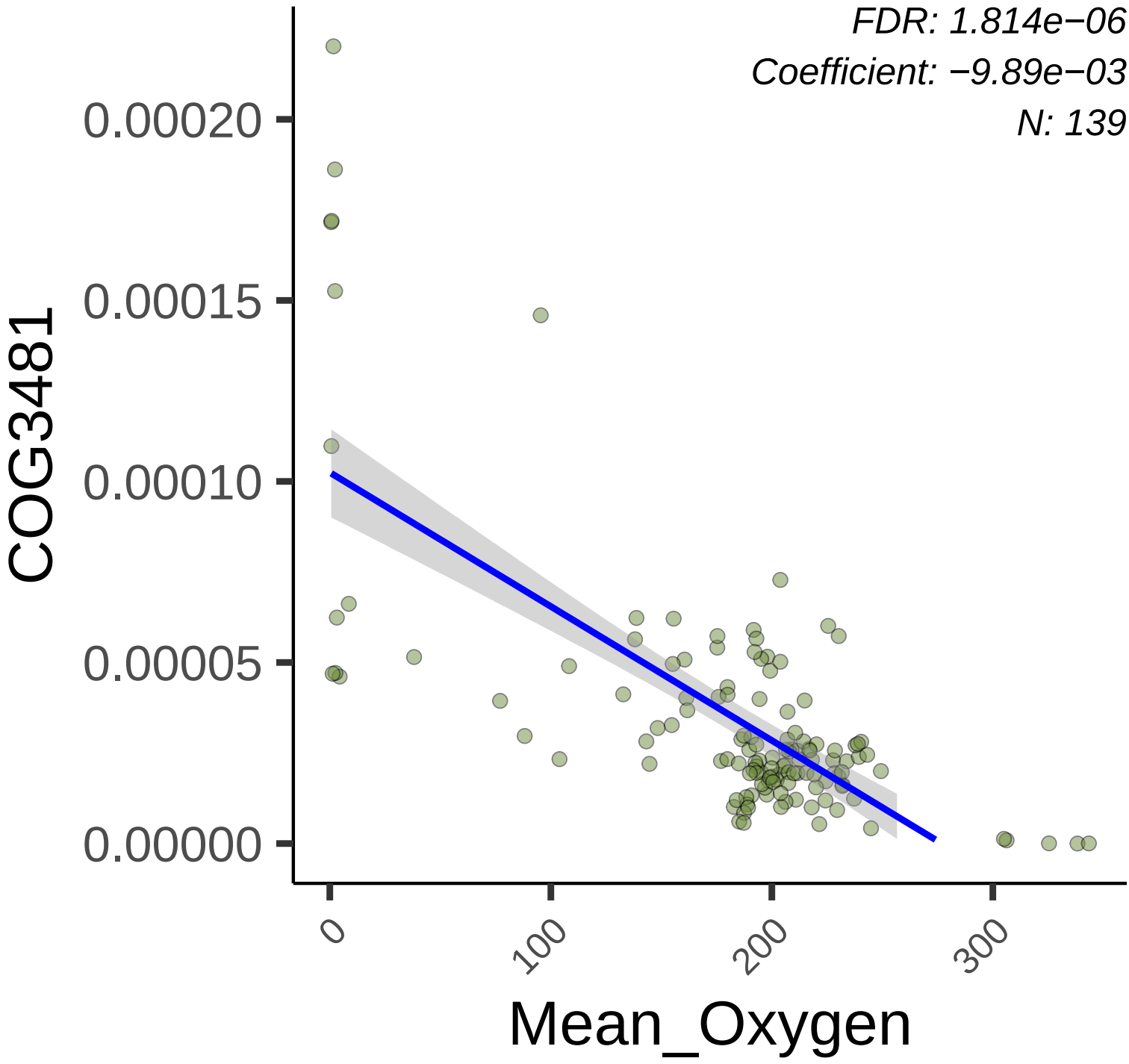
300
Mean_Oxygen


FDR: 1.814e−06
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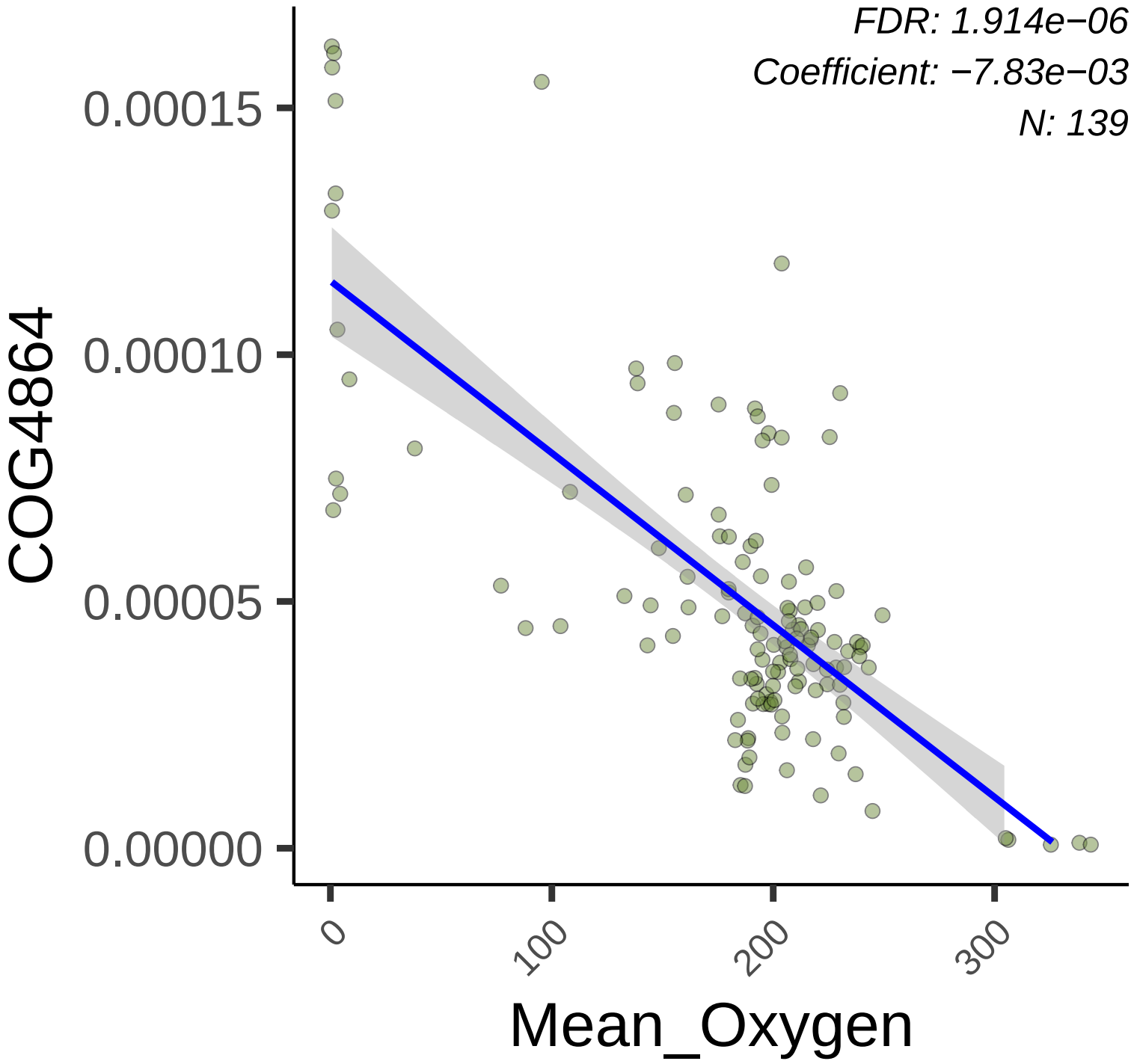
Mean_Oxygen


FDR: 1.914e−06
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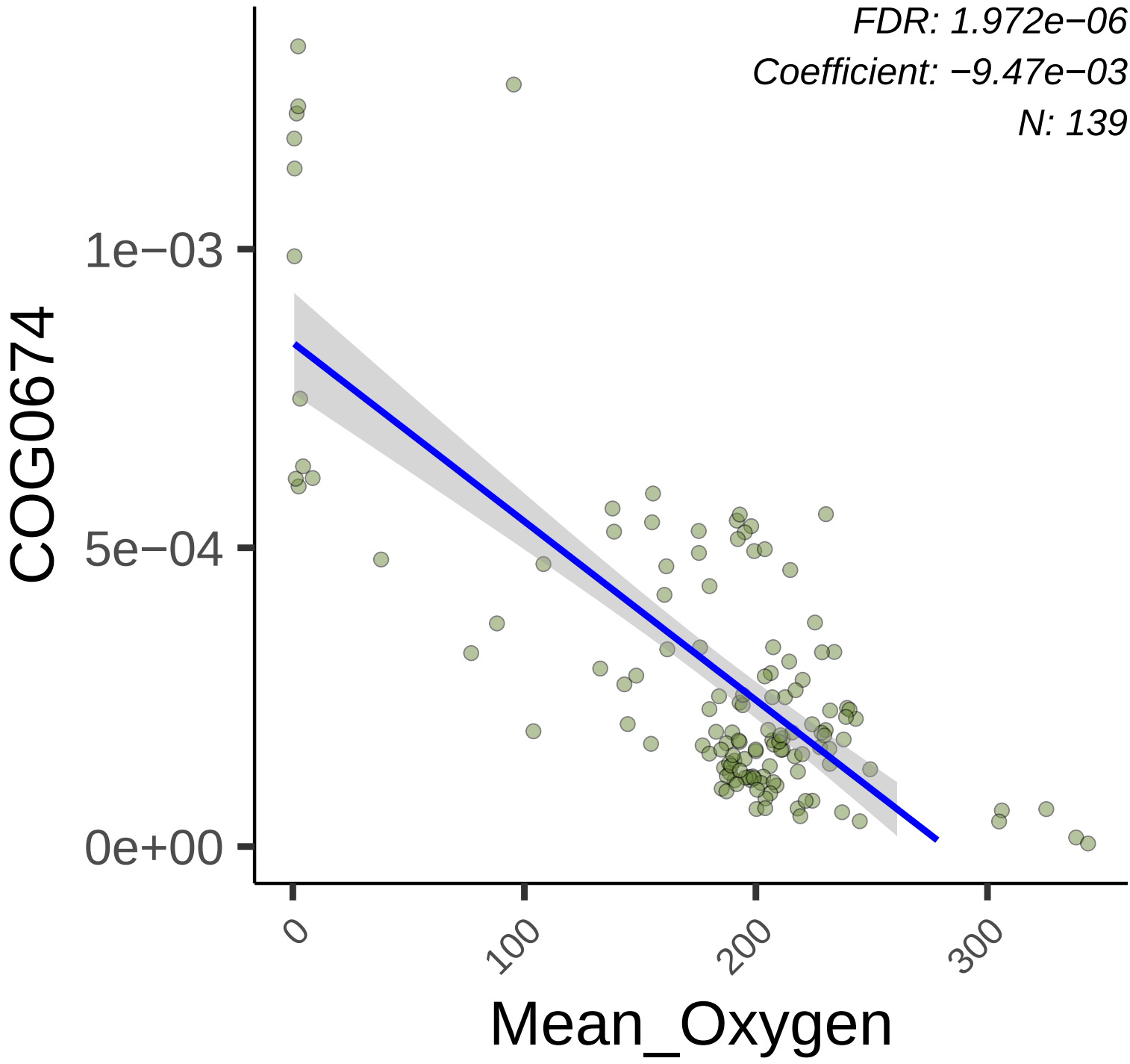
Mean_Oxygen


FDR: 1.972e−06
Coefficient: −9.47e−03
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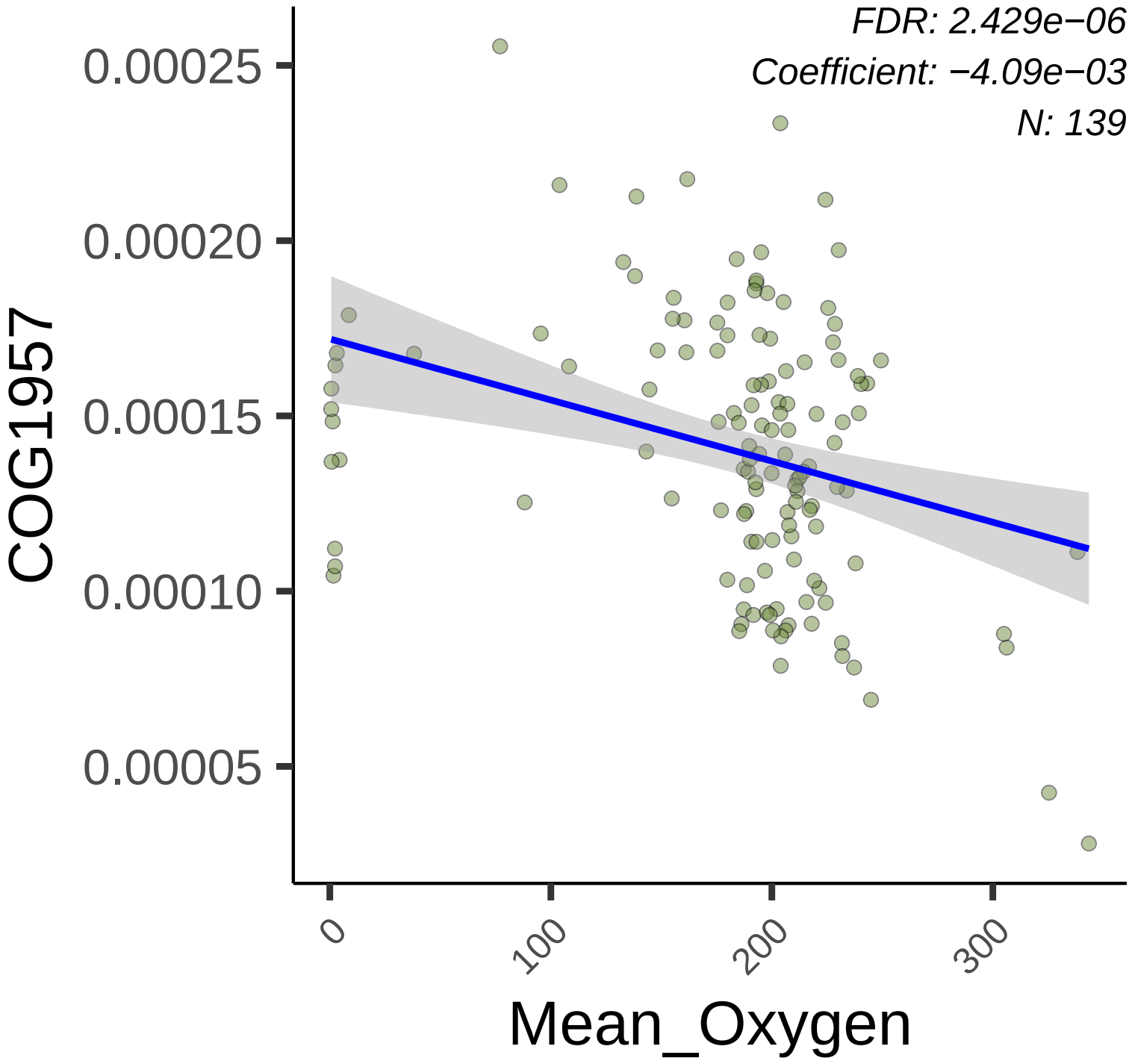
Mean_Oxygen


FDR: 2.429e−06
Coefficient: −4.09e−03
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COG1957
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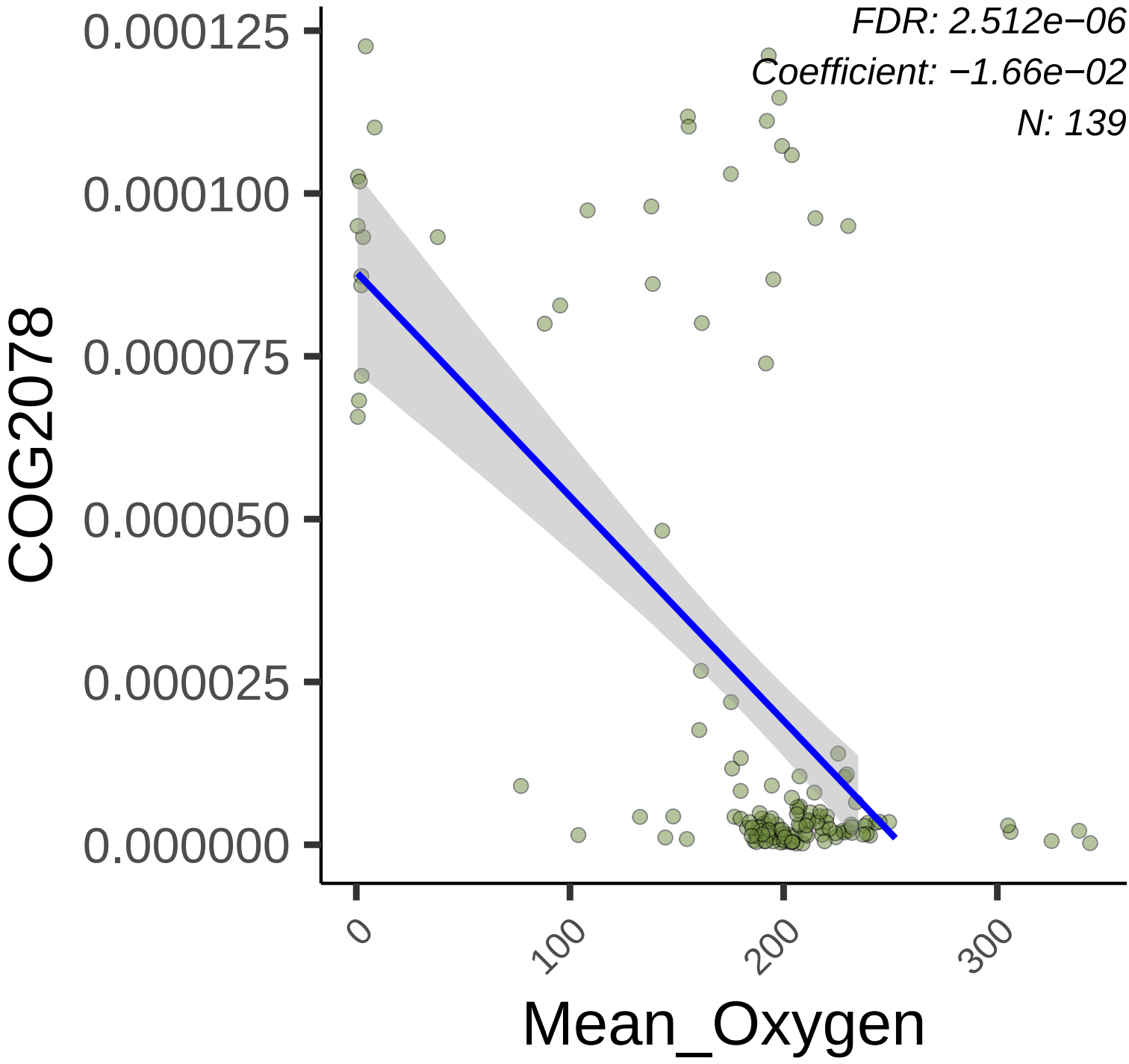
Mean_Oxygen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Coefficient: −1.66e−02
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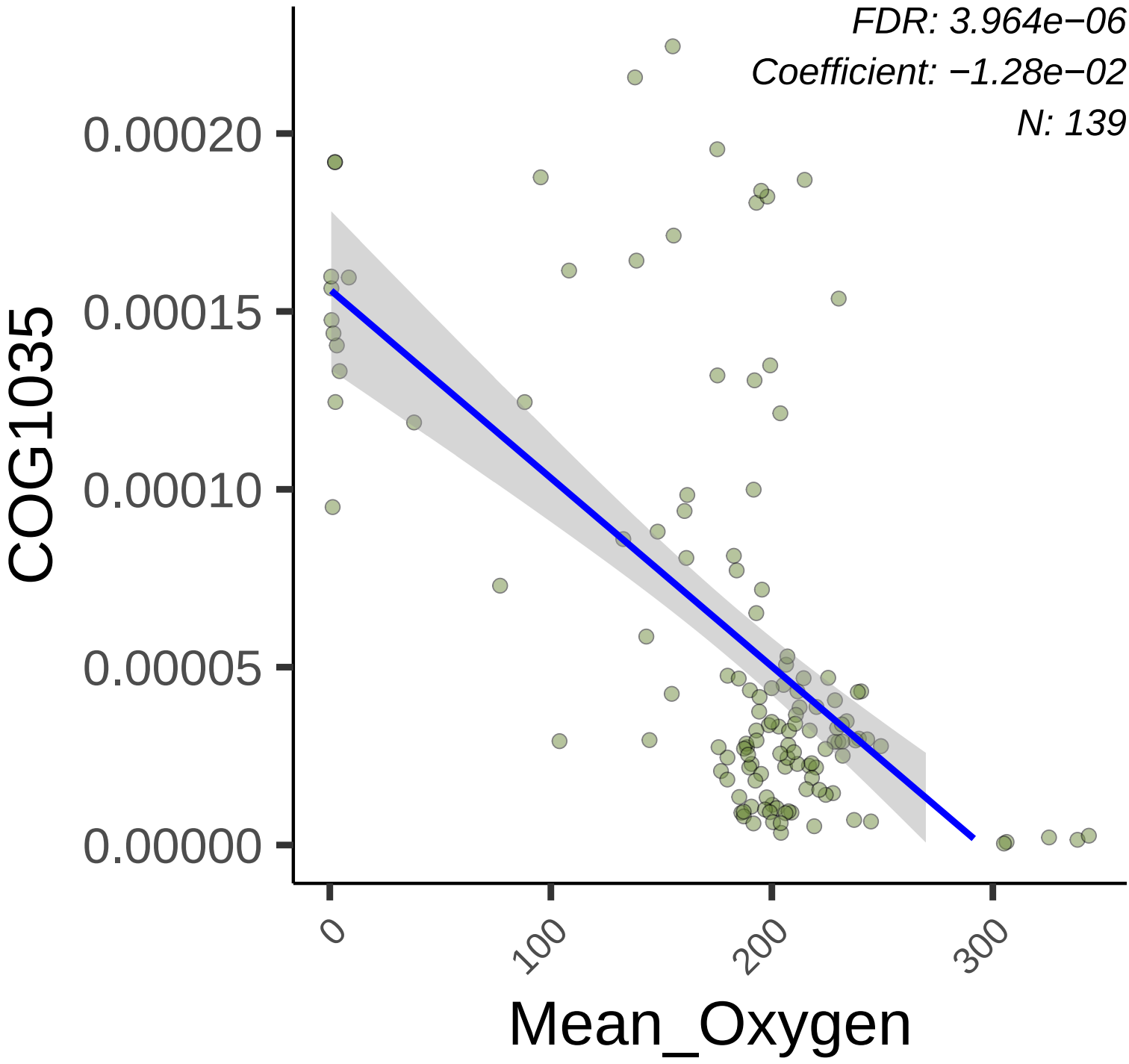
Mean_Oxygen


FDR: 3.964e−06
Coefficient: −1.28e−02
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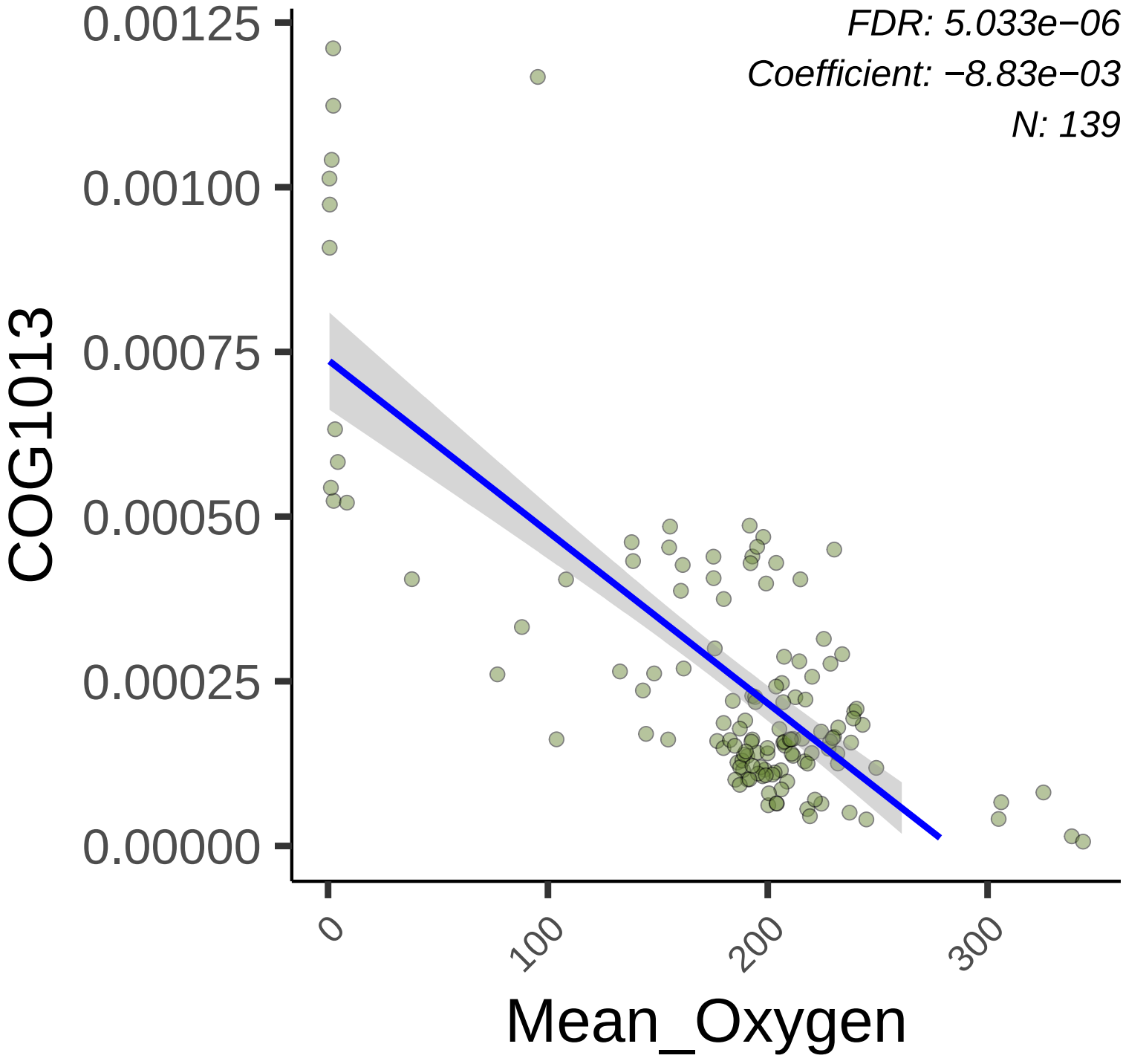
Mean_Oxygen


FDR: 5.033e−06
Coefficient: −8.83e−03
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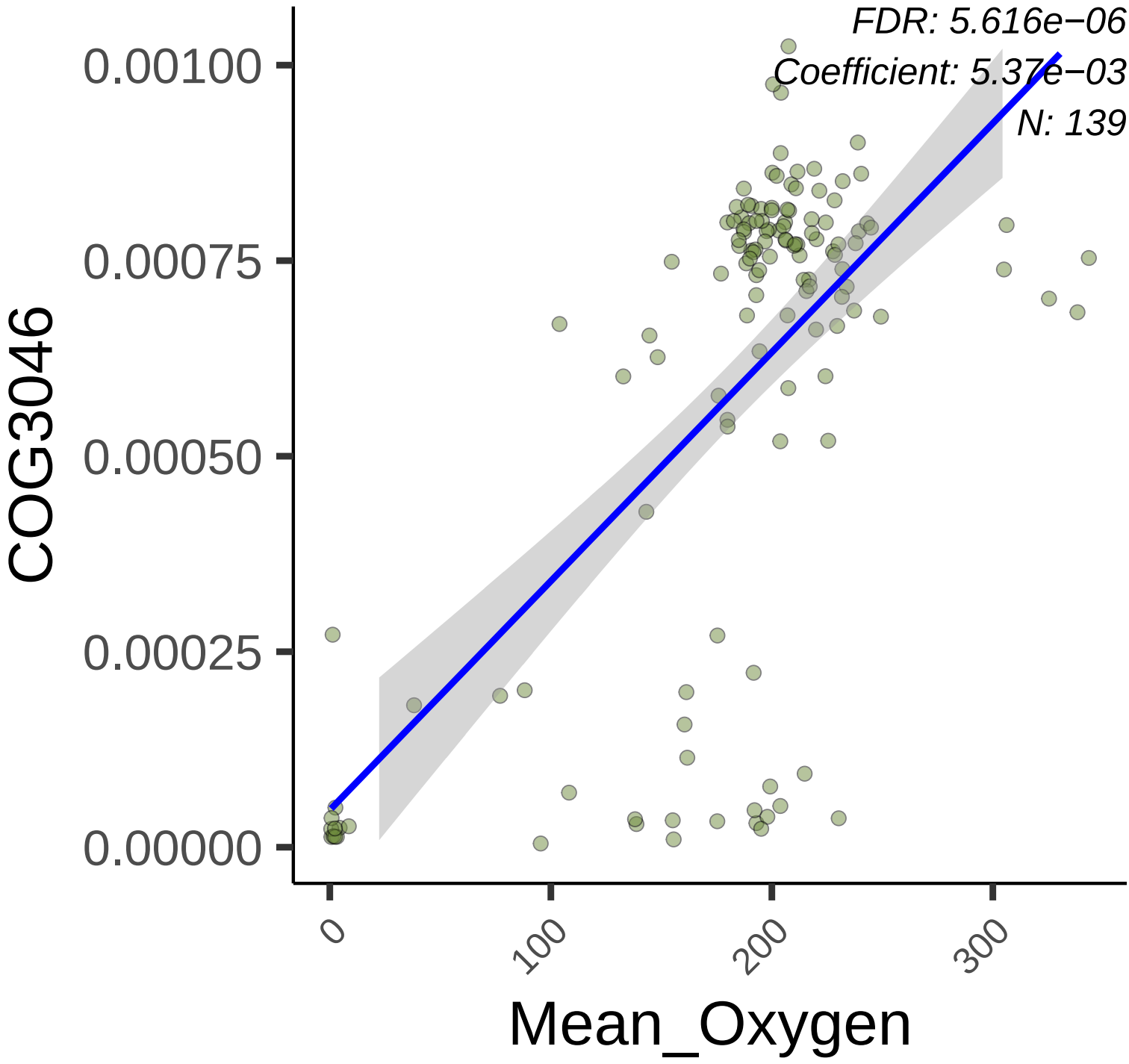
Mean_Oxygen


FDR: 5.616e−06
Coefficient: 5.37e−03
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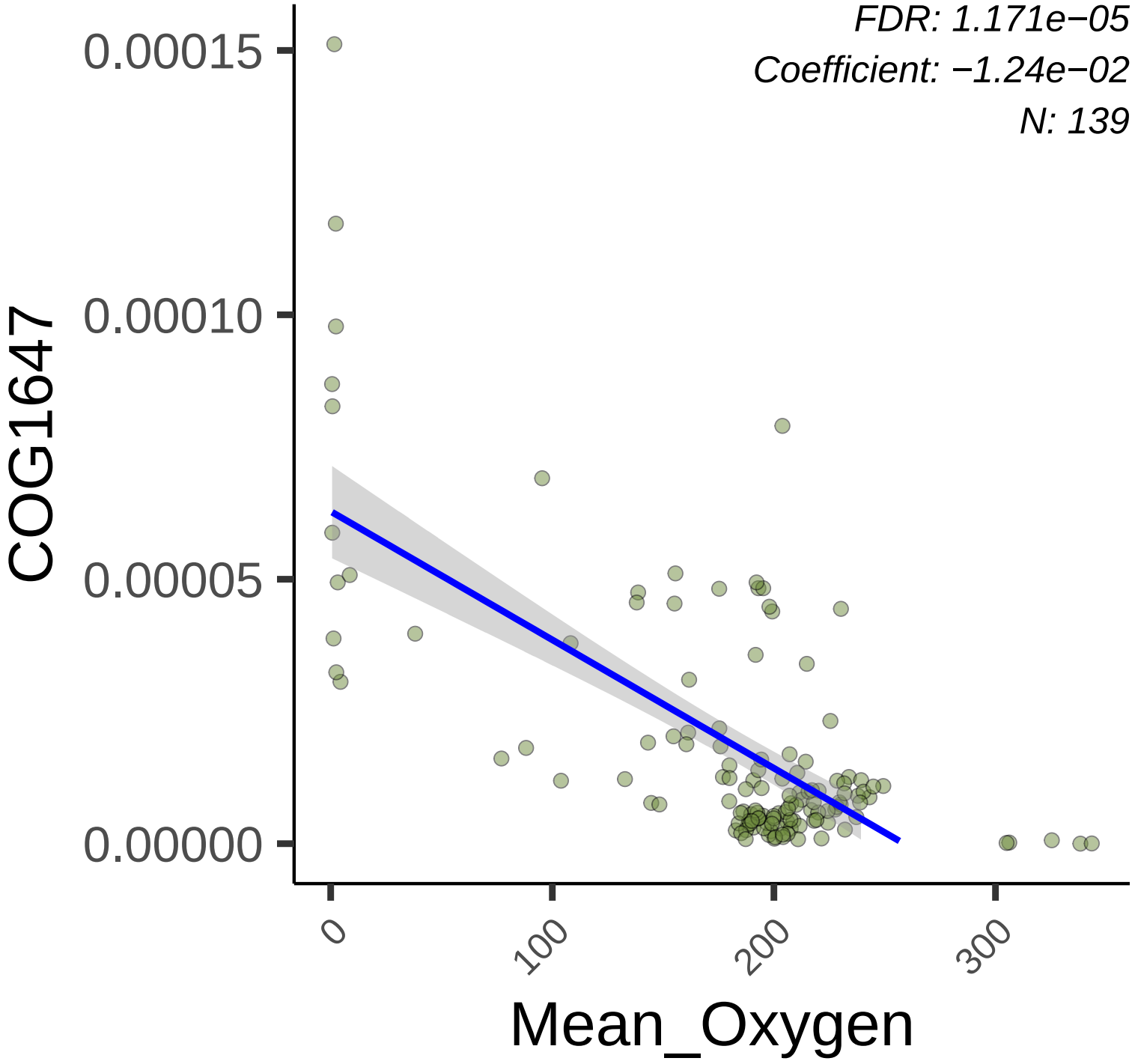
Mean_Oxygen


FDR: 1.171e−05
Coefficient: −1.24e−02
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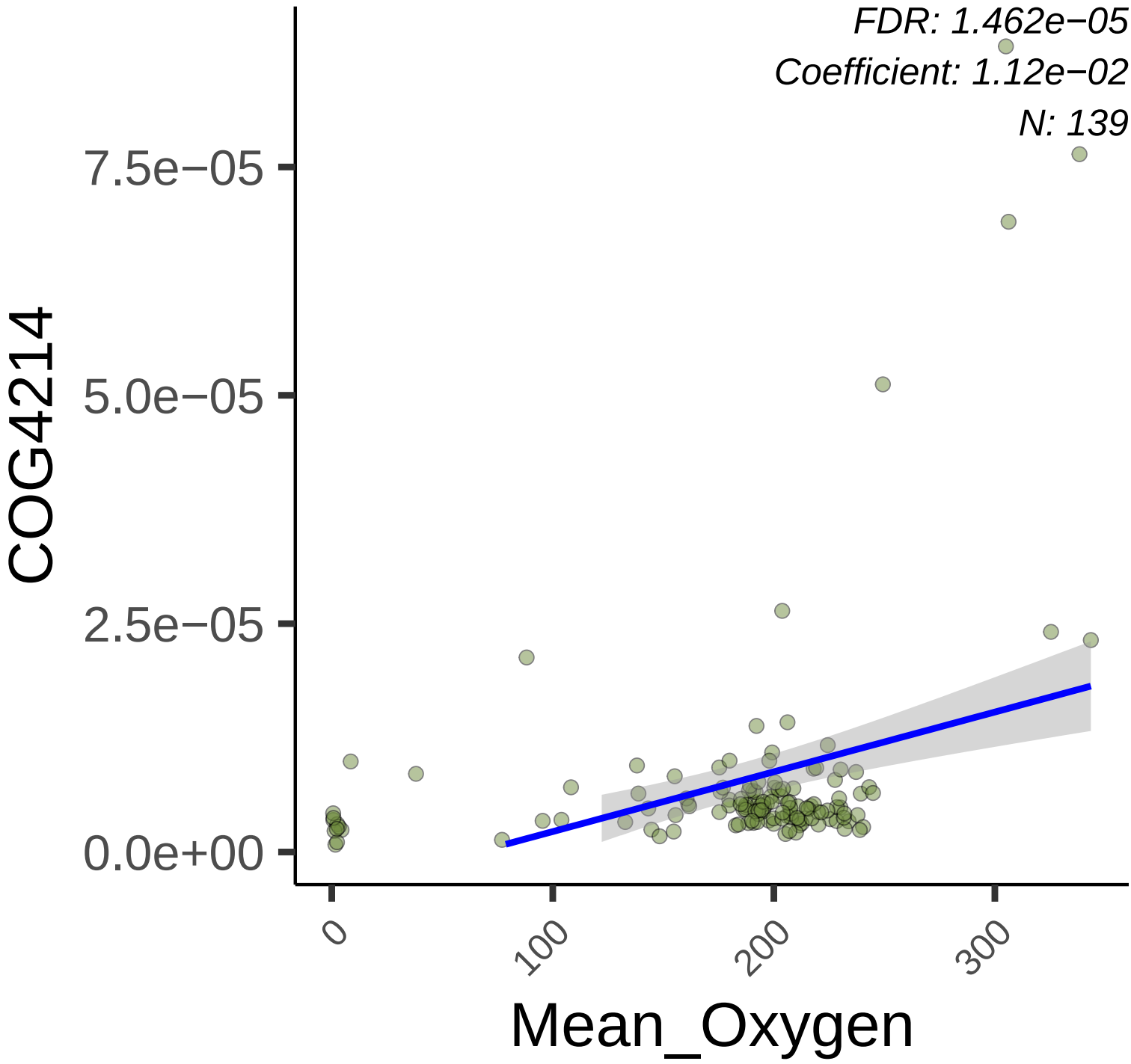
Mean_Oxygen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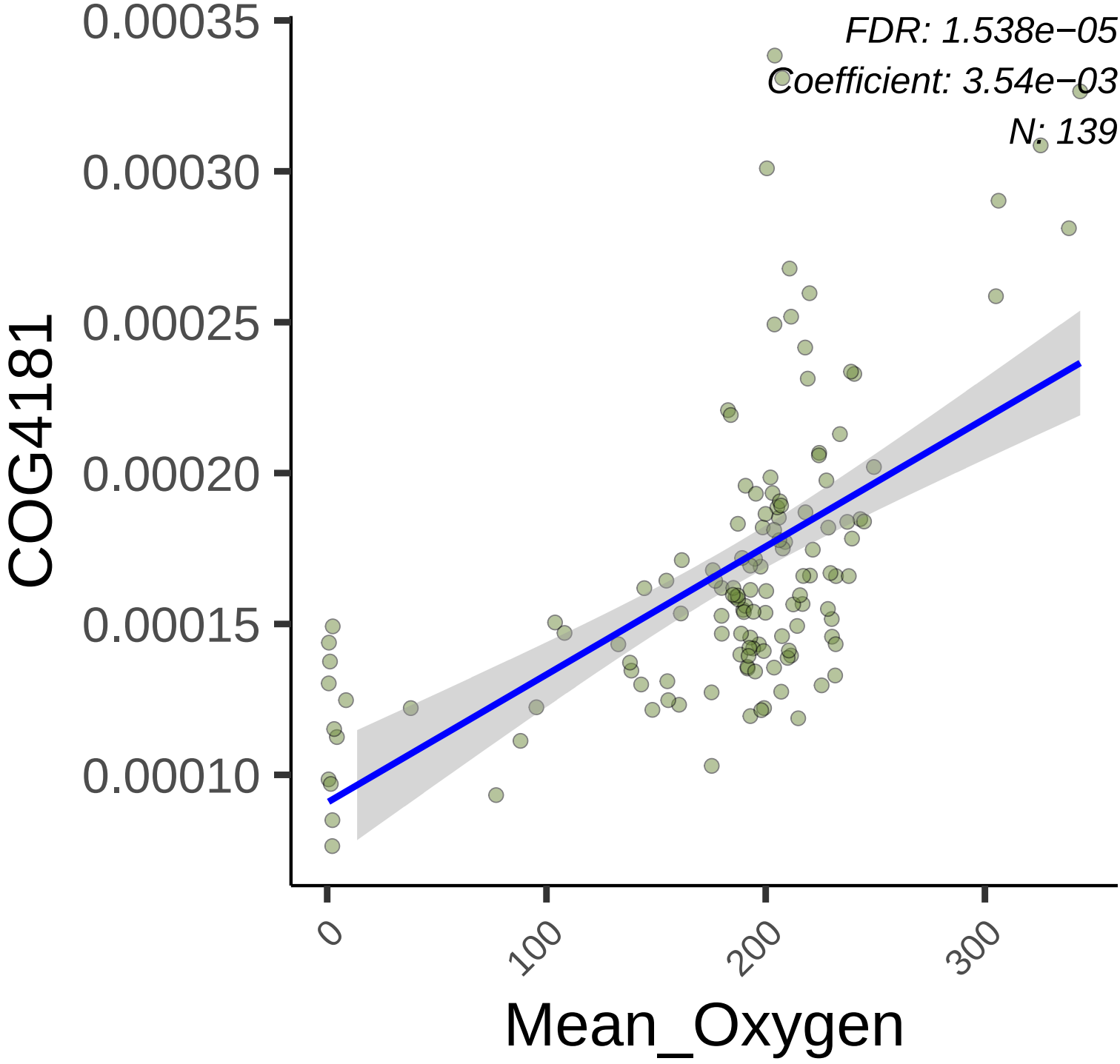
Mean_Oxygen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Coefficient: 3.54e−03
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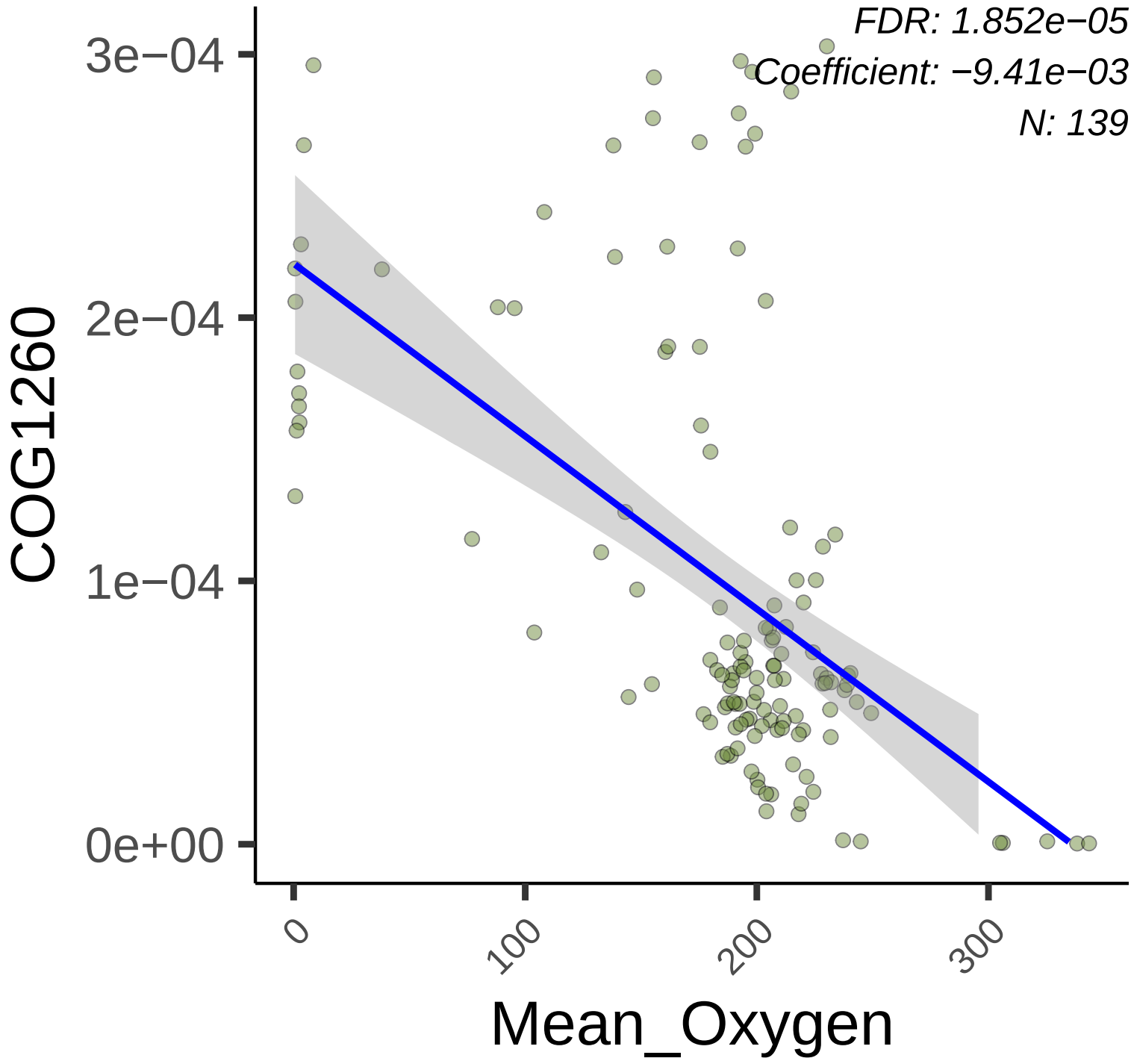
Mean_Oxygen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Coefficient: −9.41e−03
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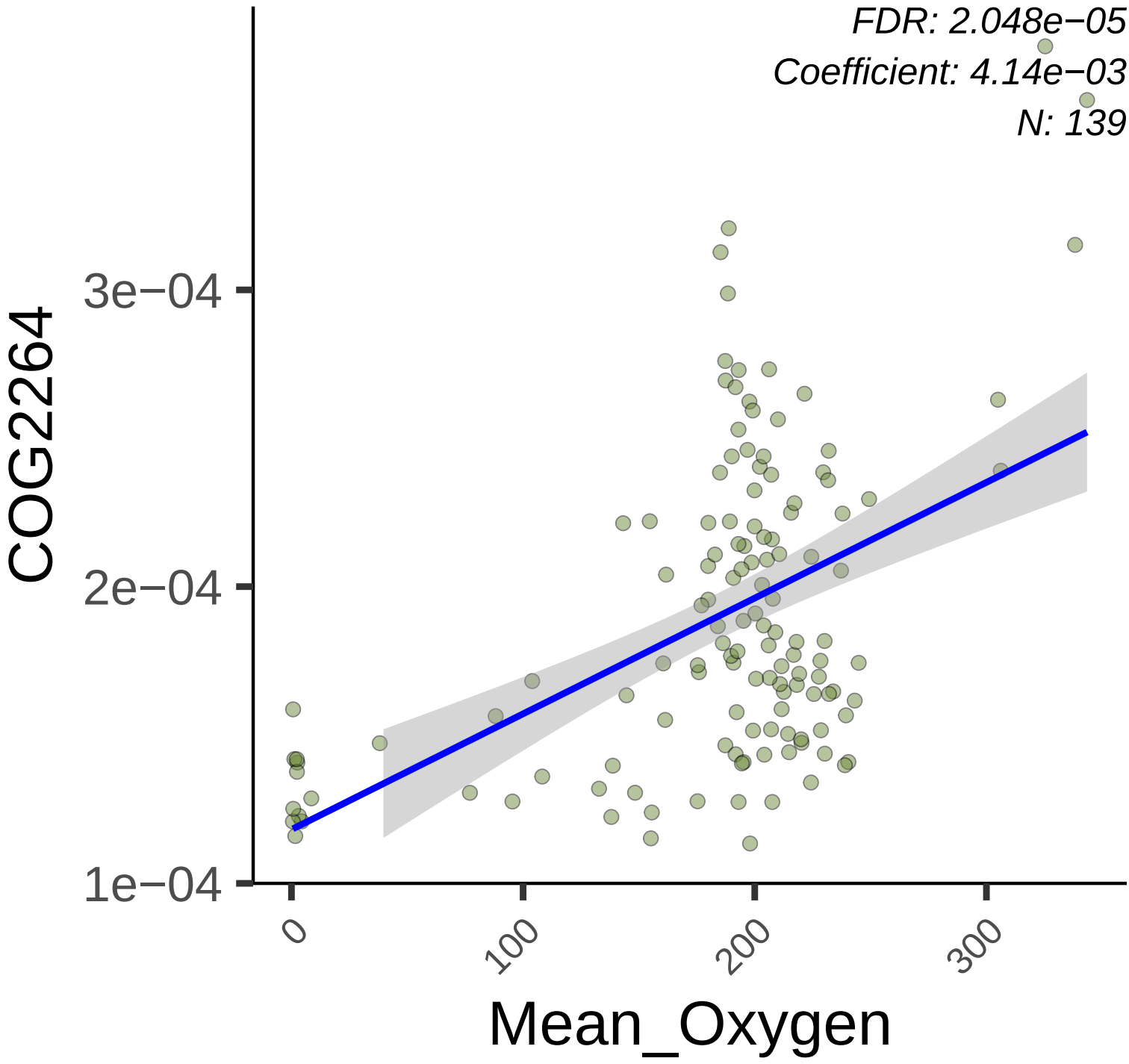
Mean_Oxygen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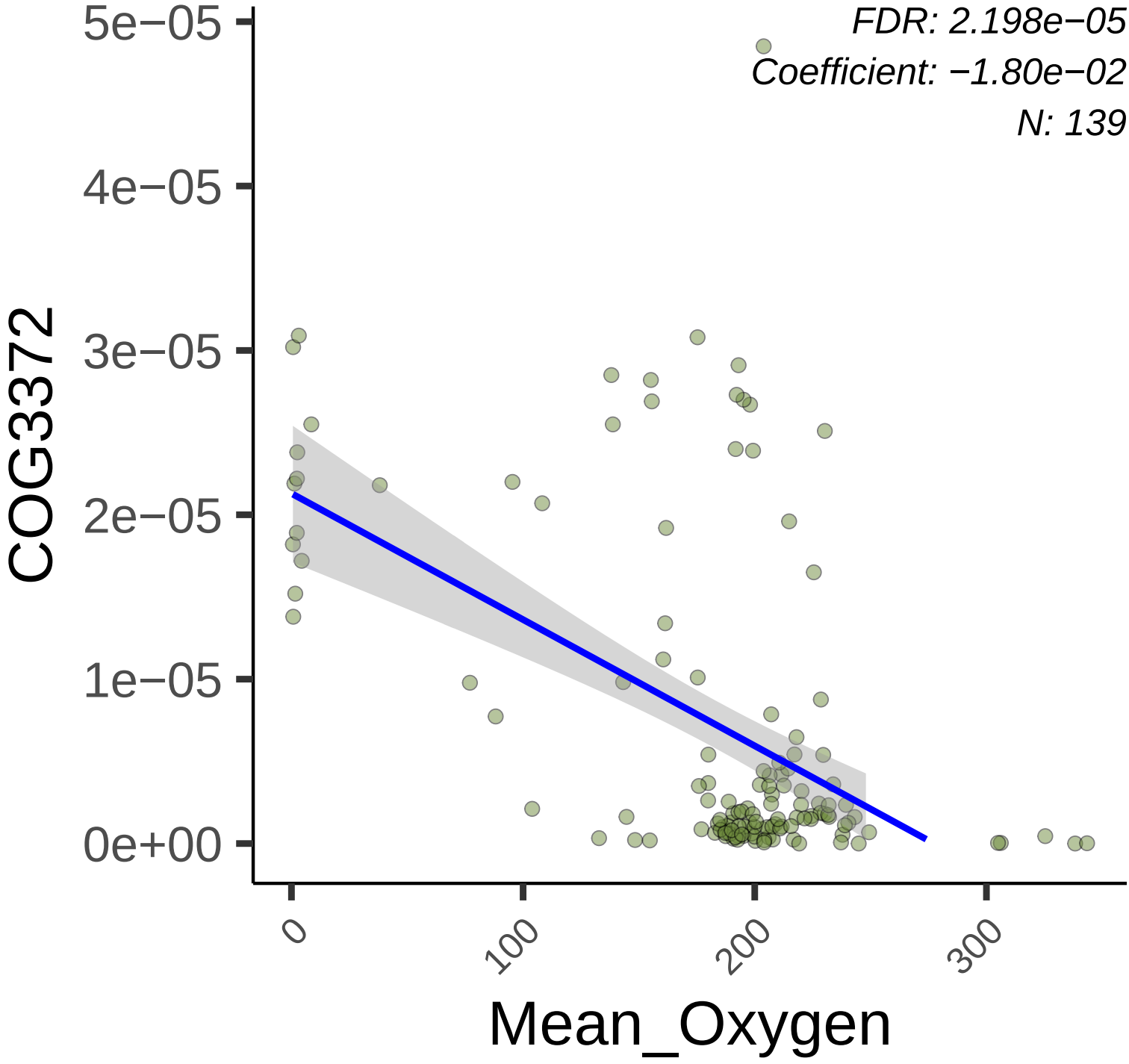
Mean_Oxygen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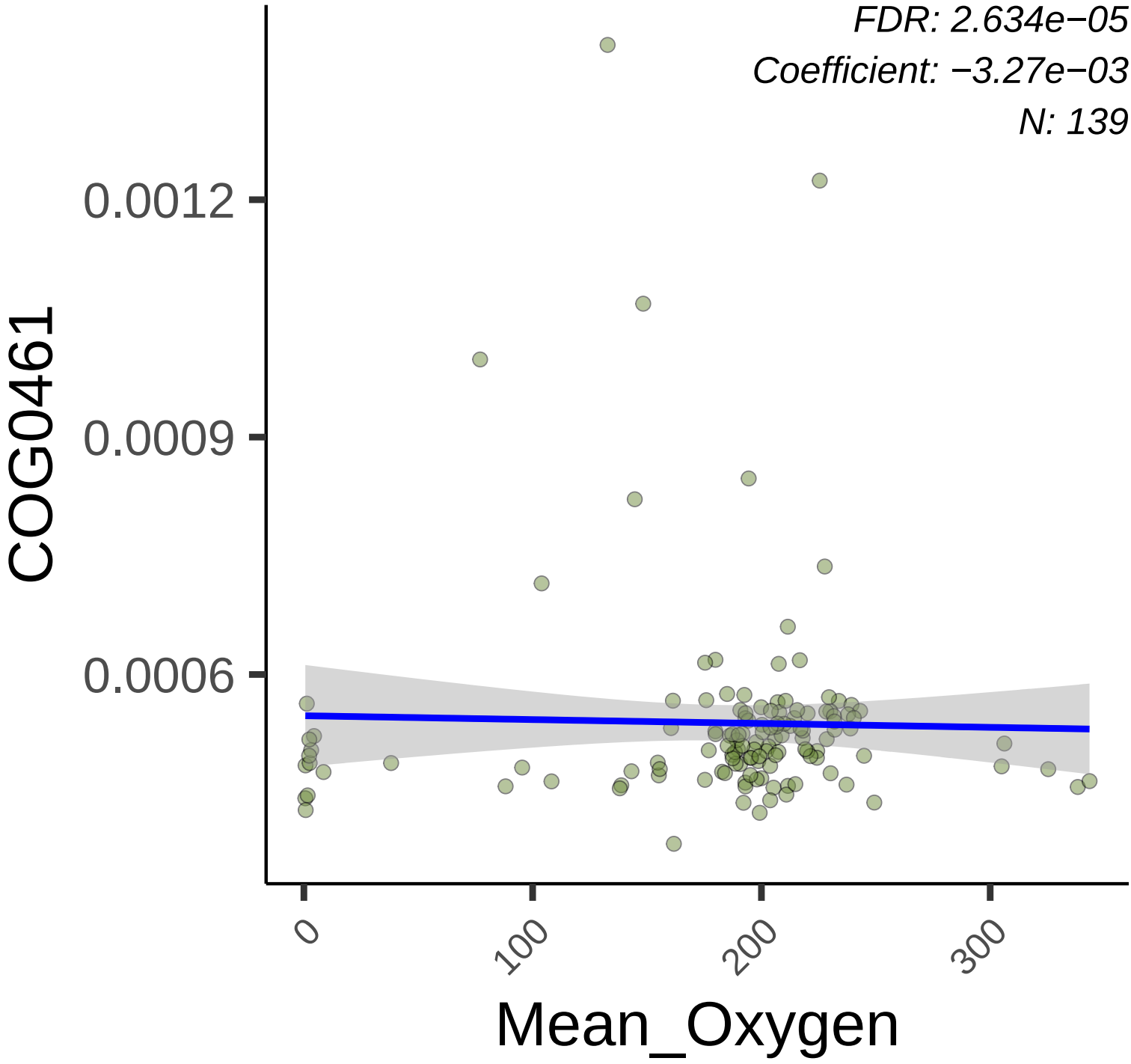
Mean_Oxygen


FDR: 2.634e−05
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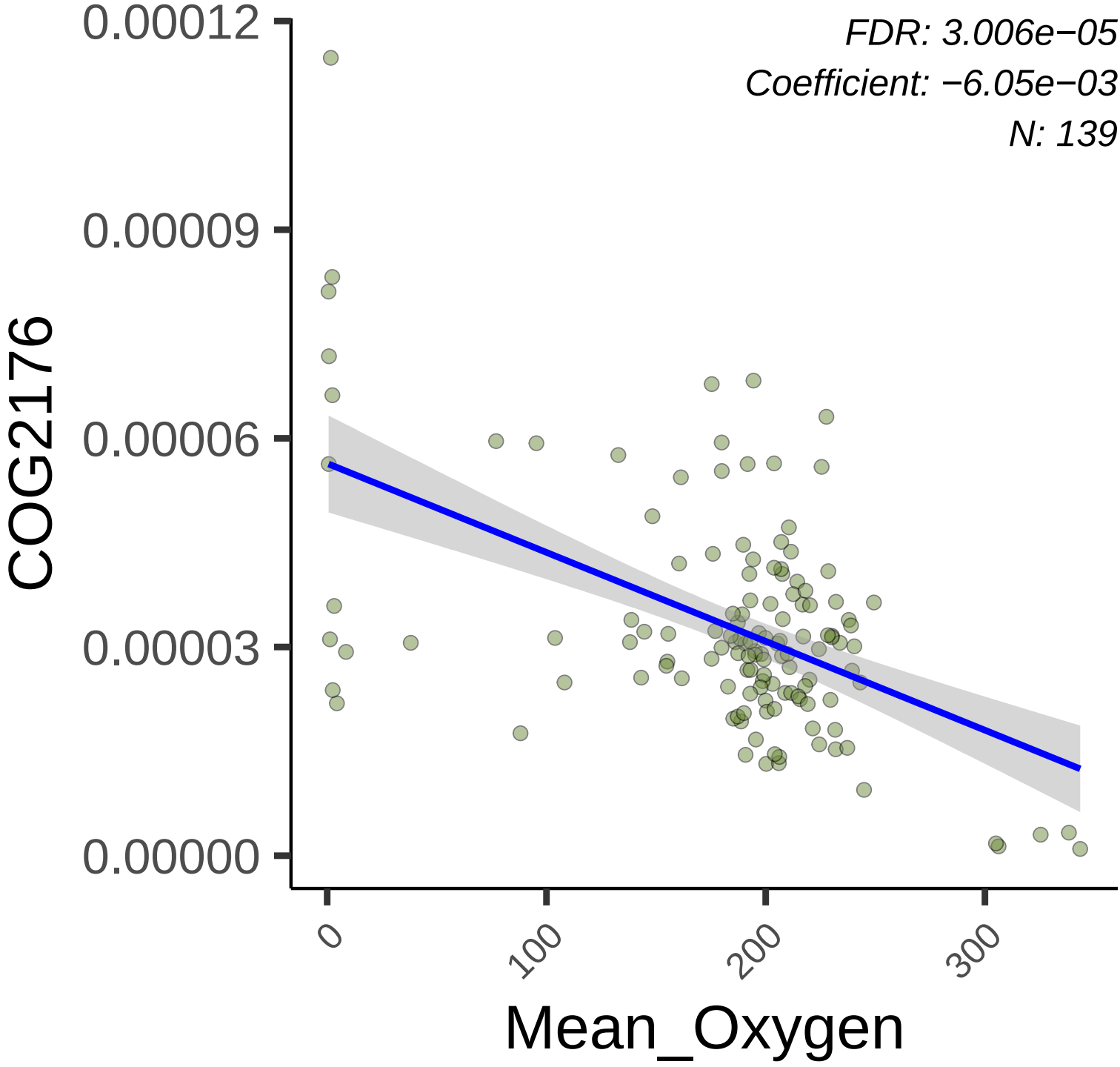
Mean_Oxygen


FDR: 3.006e−05
Coefficient: −6.05e−03
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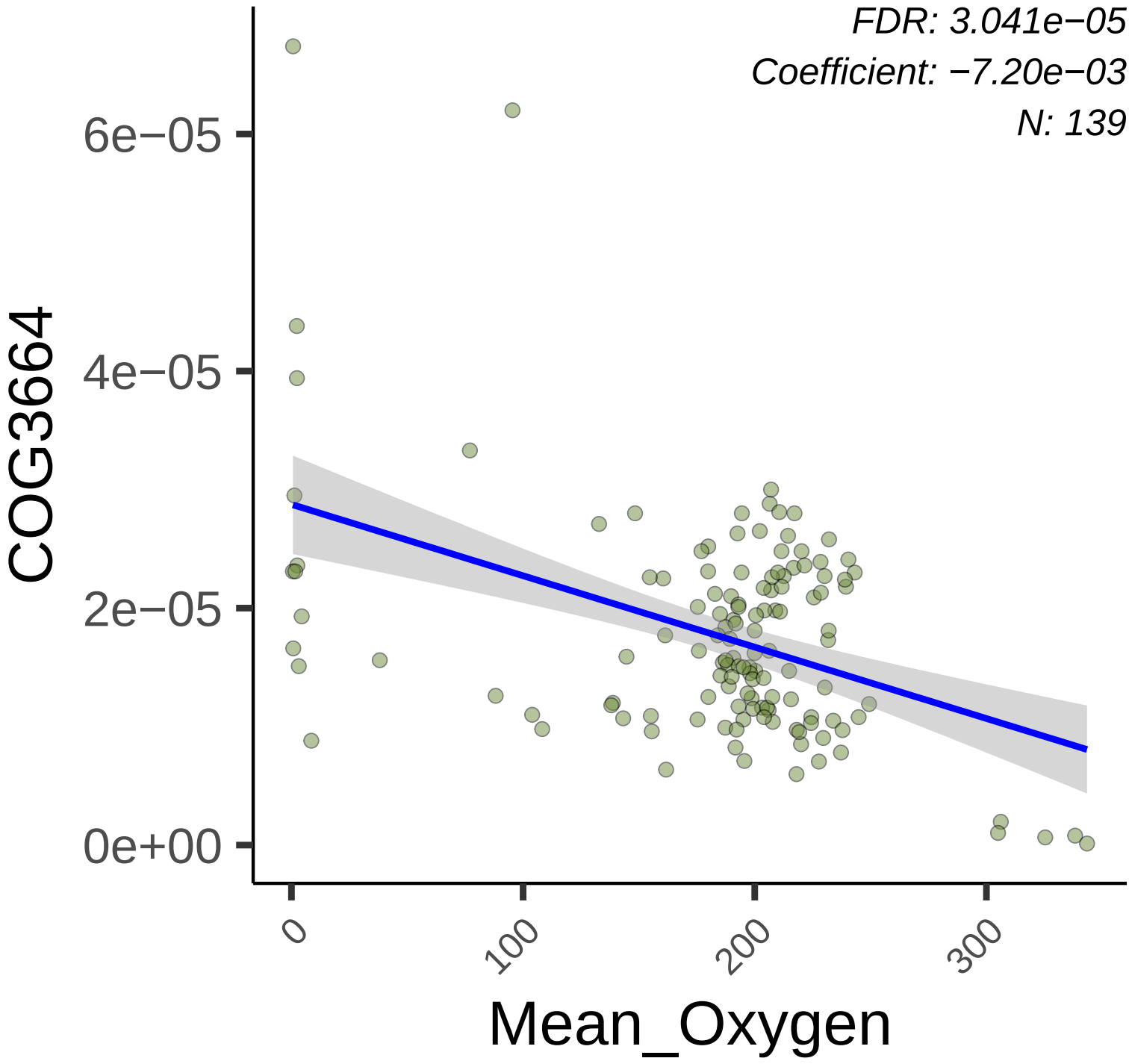
Mean_Oxygen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Coefficient: −7.20e−03
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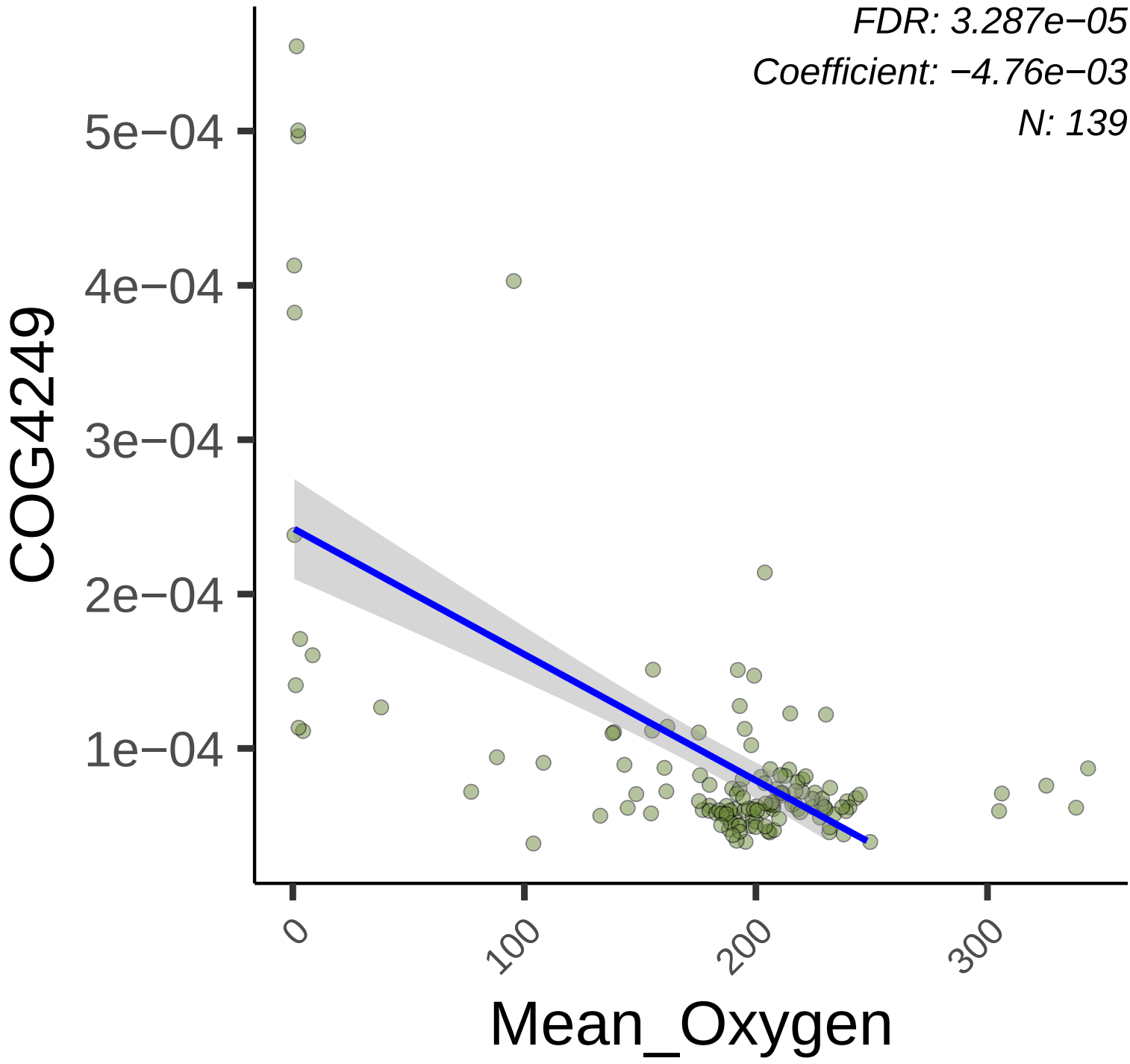
Mean_Oxygen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Coefficient: −4.76e−03
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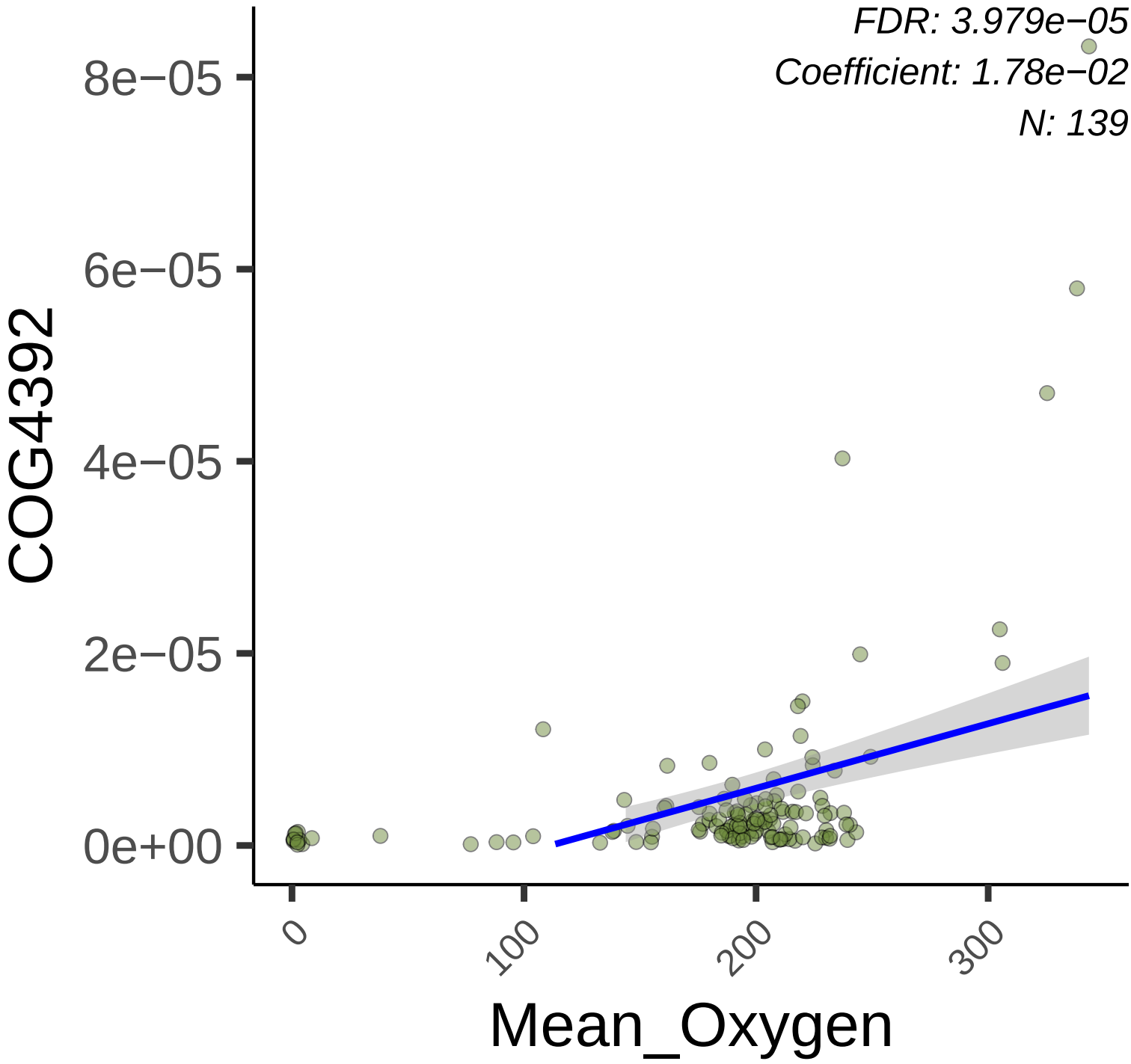
300
Mean_Oxygen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Coefficient: 1.78e−02
N: 139
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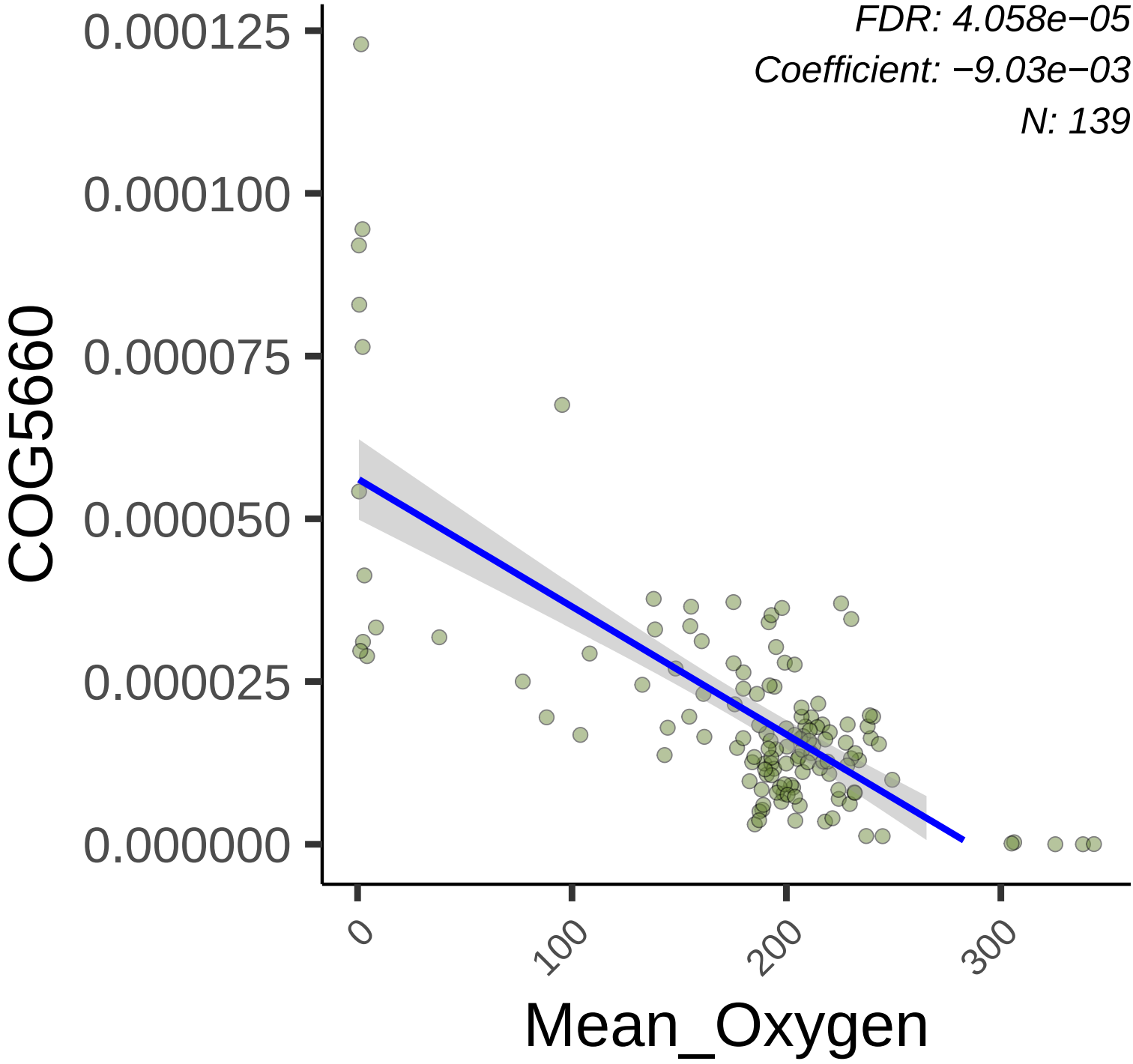
Mean_Oxygen


FDR: 4.058e−05
Coefficient: −9.03e−03
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COG5660
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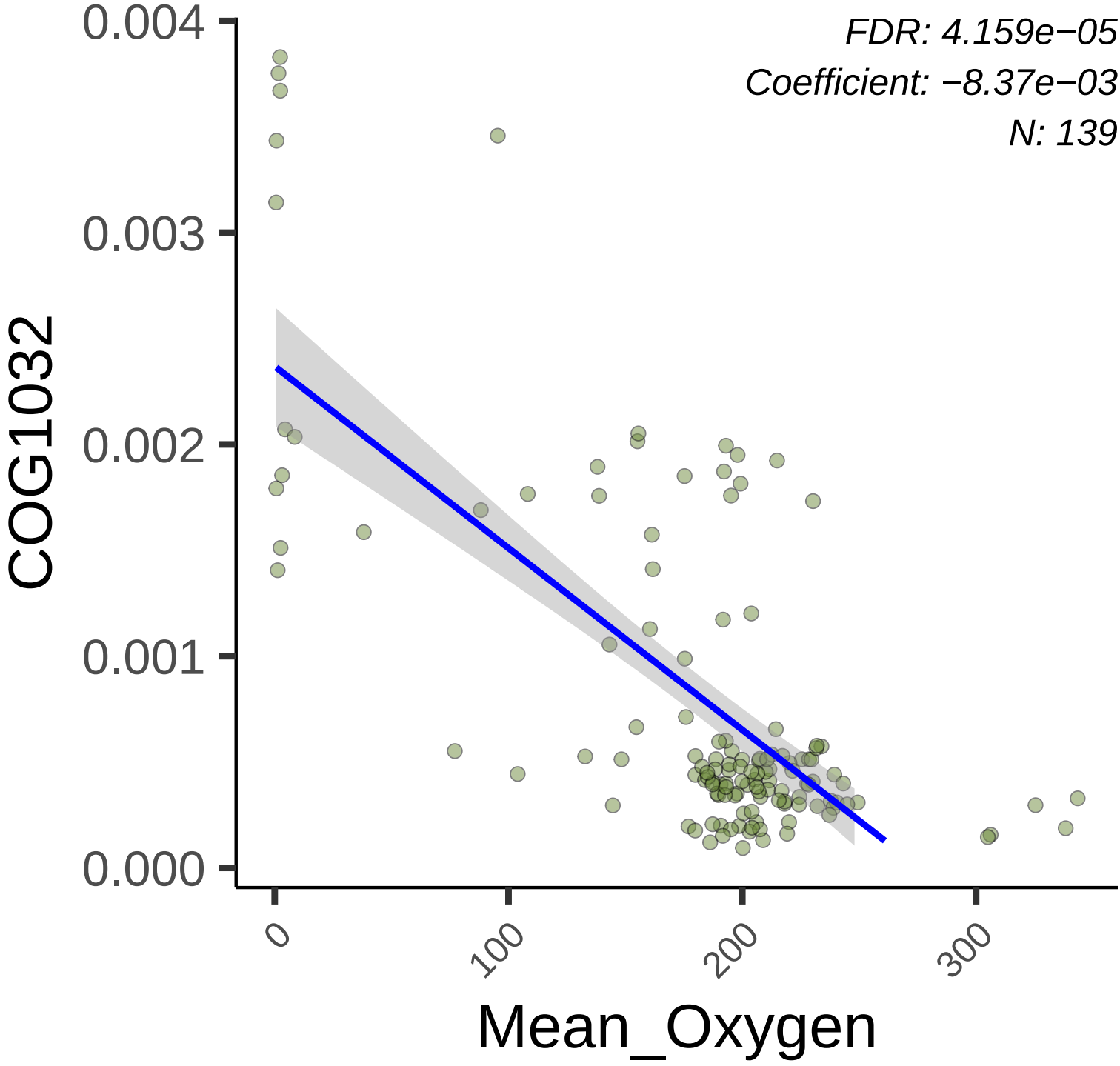
100
200
300
Mean_Oxygen


FDR: 4.159e−05
Coefficient: −8.37e−03
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COG1032
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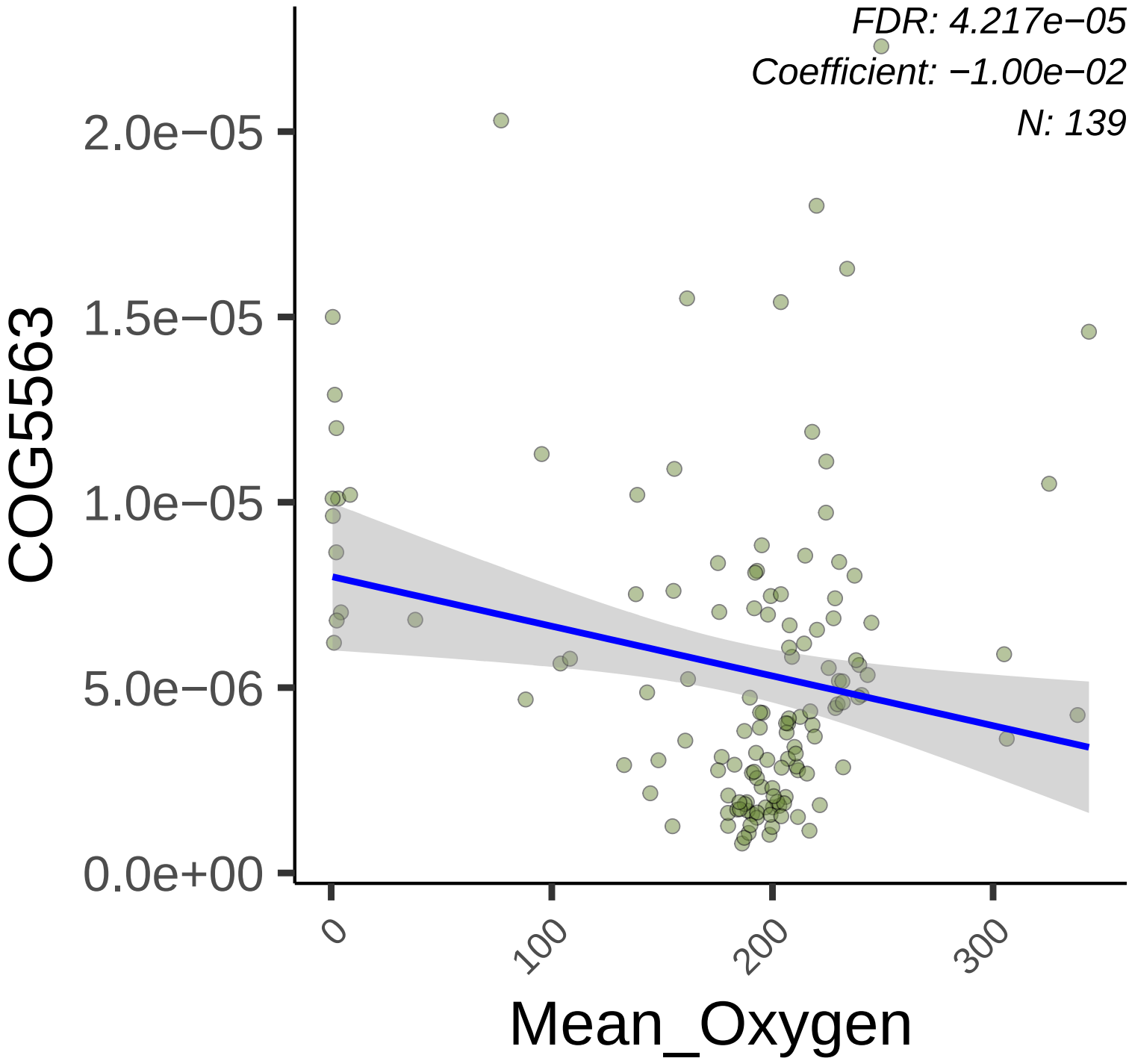
300
Mean_Oxygen


FDR: 4.217e−05
Coefficient: −1.00e−02
N: 139
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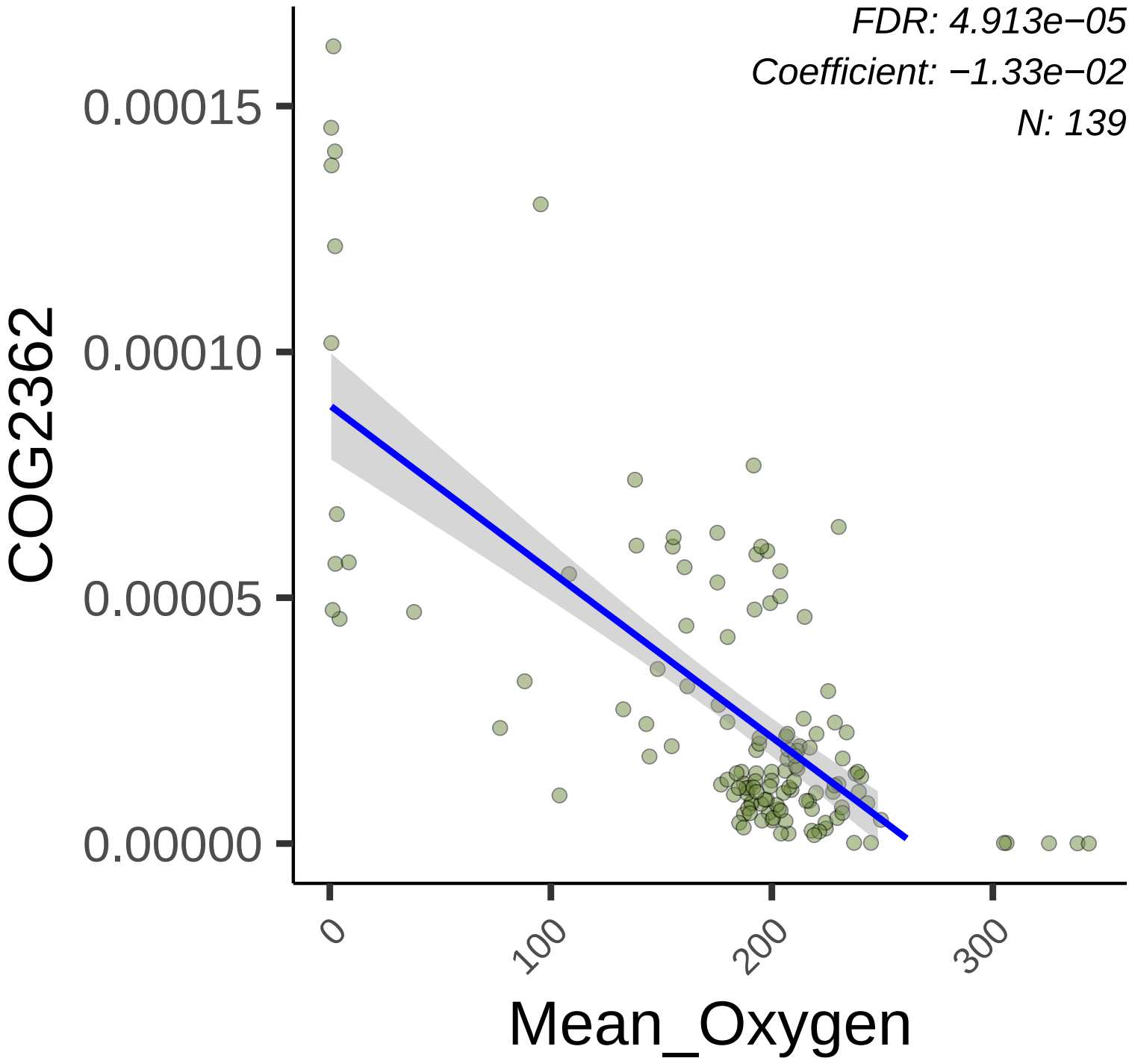
Mean_Oxygen


FDR: 4.913e−05
Coefficient: −1.33e−02
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COG2362
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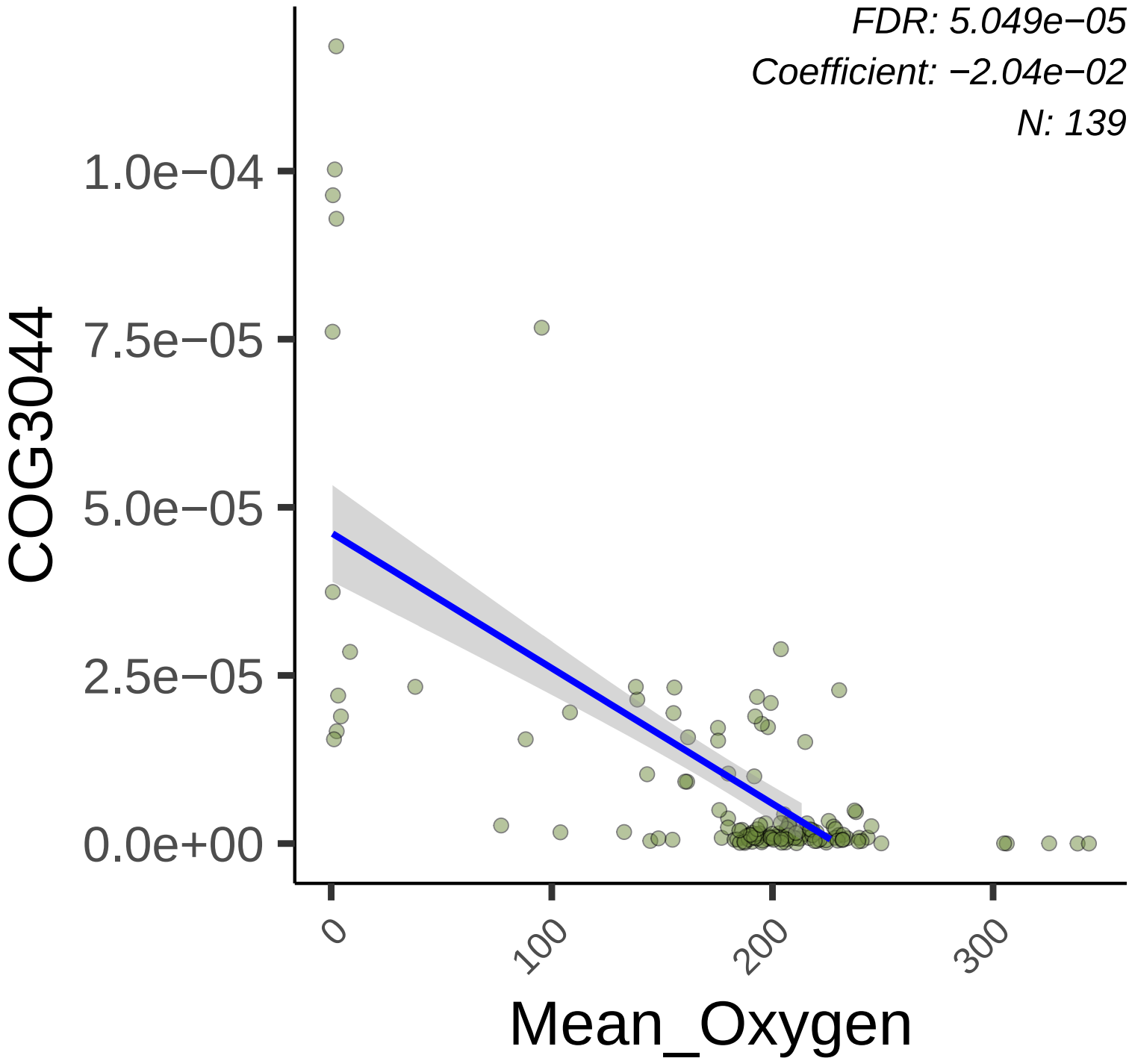
Mean_Oxygen


FDR: 5.049e−05
Coefficient: −2.04e−02
N: 139
COG3044
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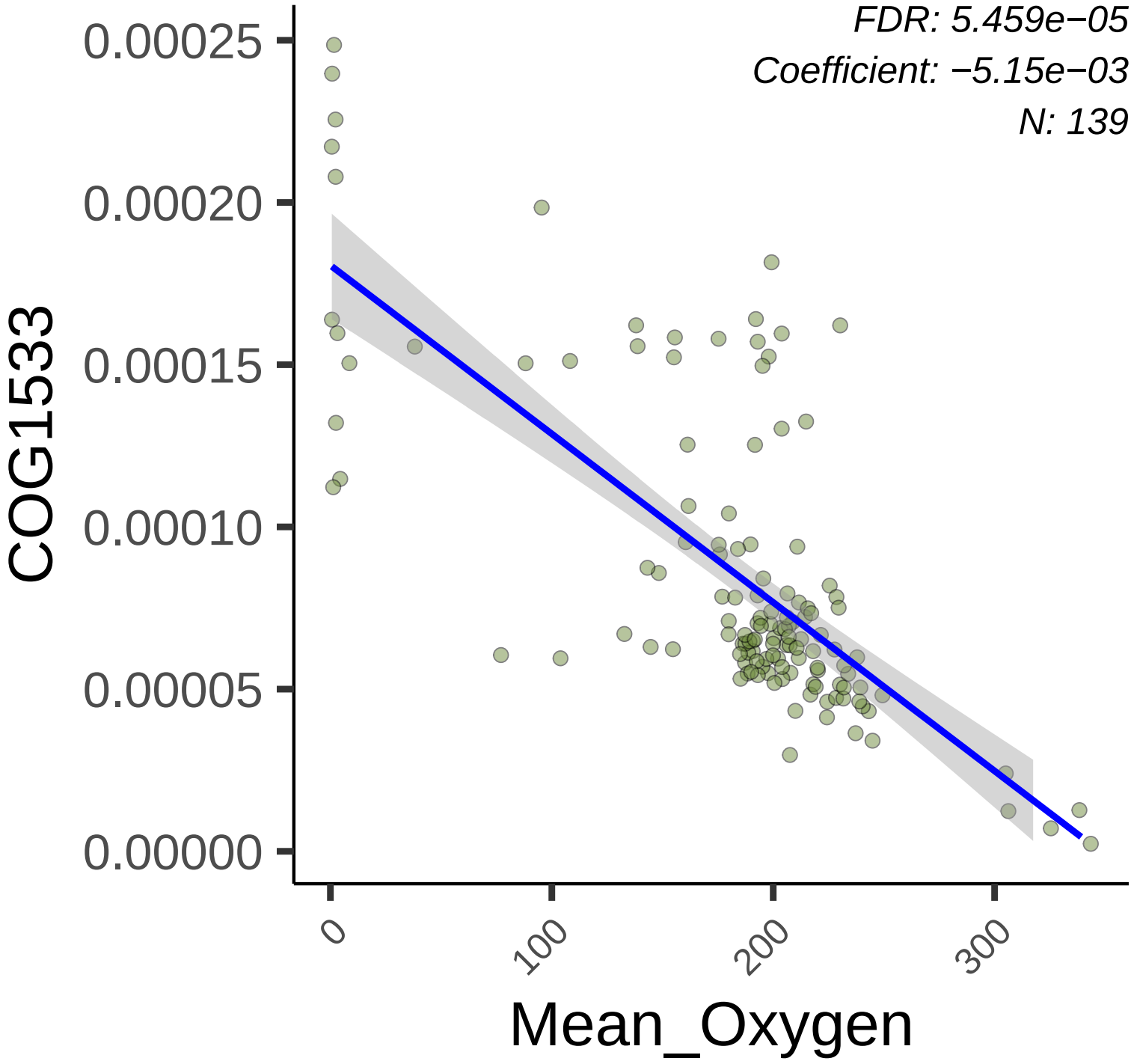
Mean_Oxygen


FDR: 5.459e−05
Coefficient: −5.15e−03
N: 139
COG1533
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0.00000
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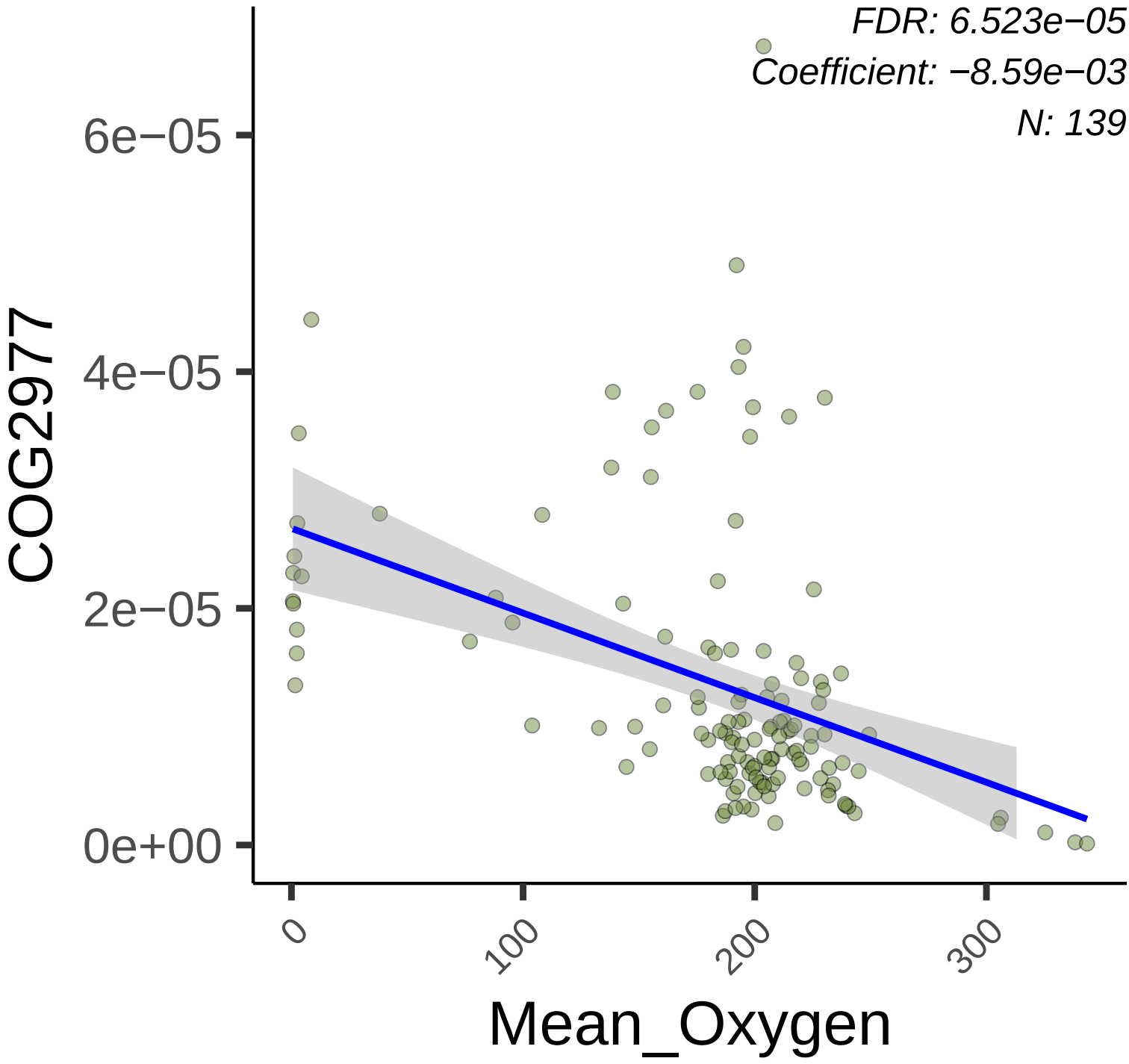
200
300
Mean_Oxygen


FDR: 6.523e−05
Coefficient: −8.59e−03
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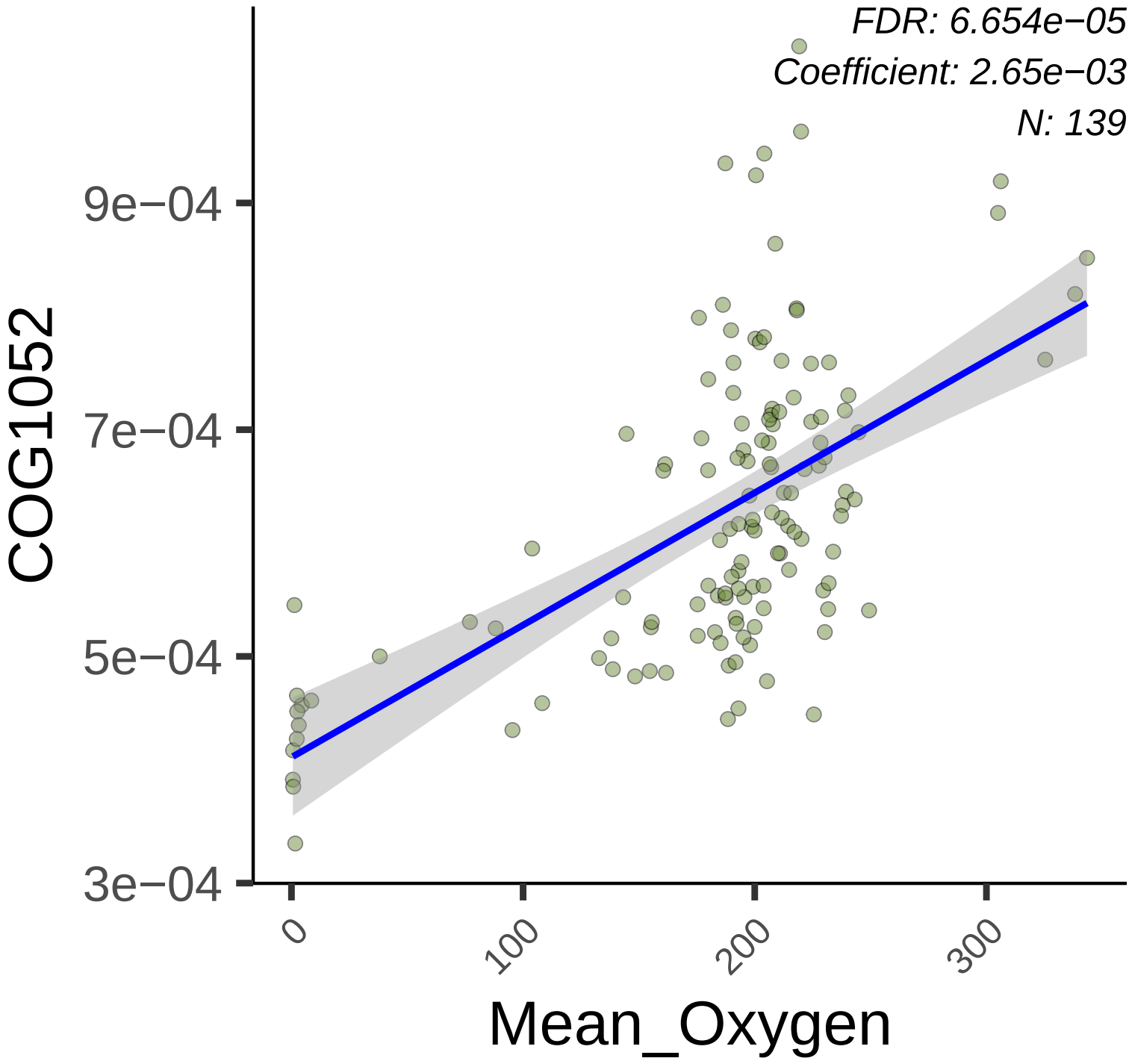
Mean_Oxygen


FDR: 6.654e−05
Coefficient: 2.65e−03
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COG1052
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7e−04
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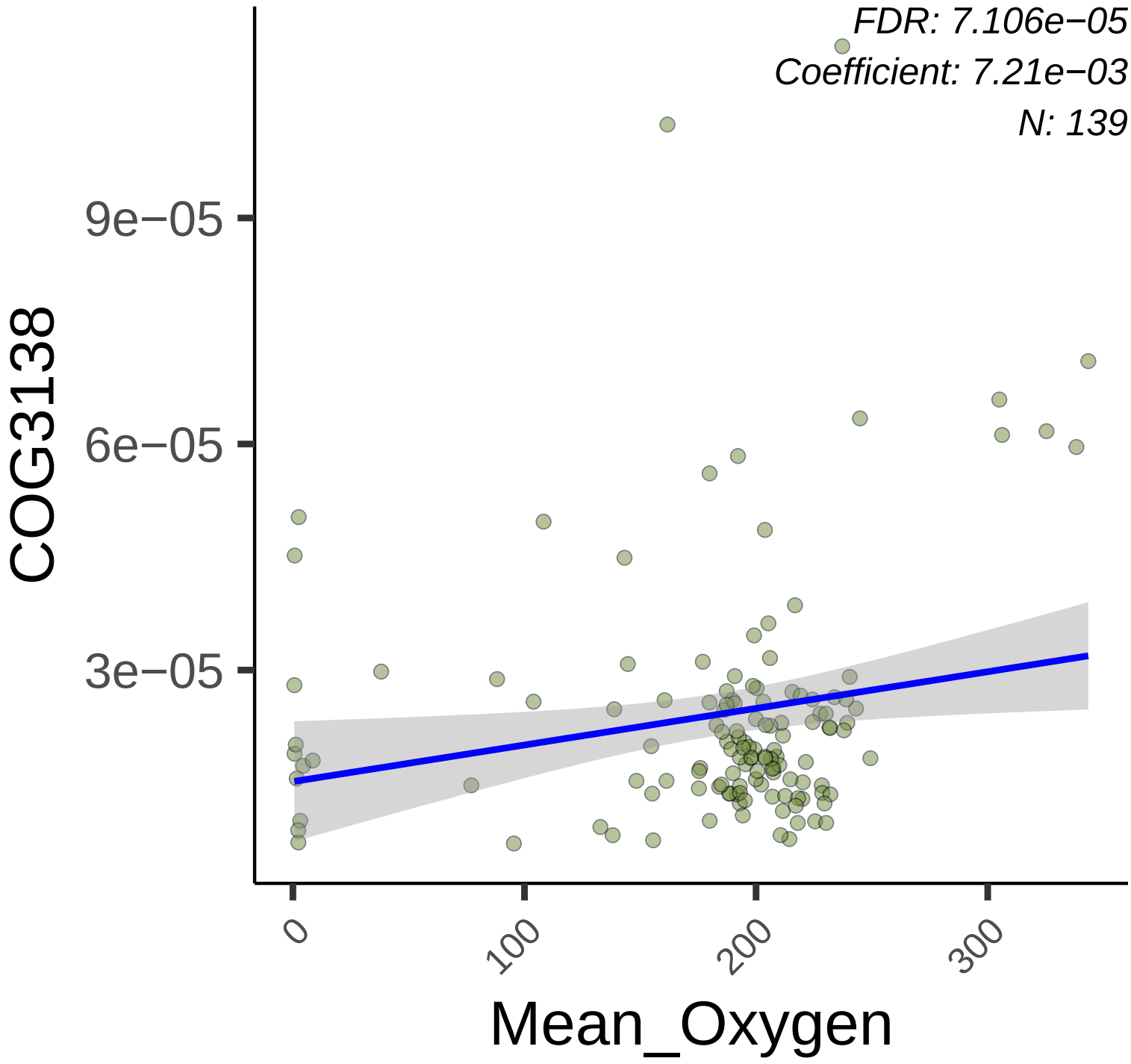
300
Mean_Oxygen


FDR: 7.106e−05
Coefficient: 7.21e−03
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6e−05
3e−05
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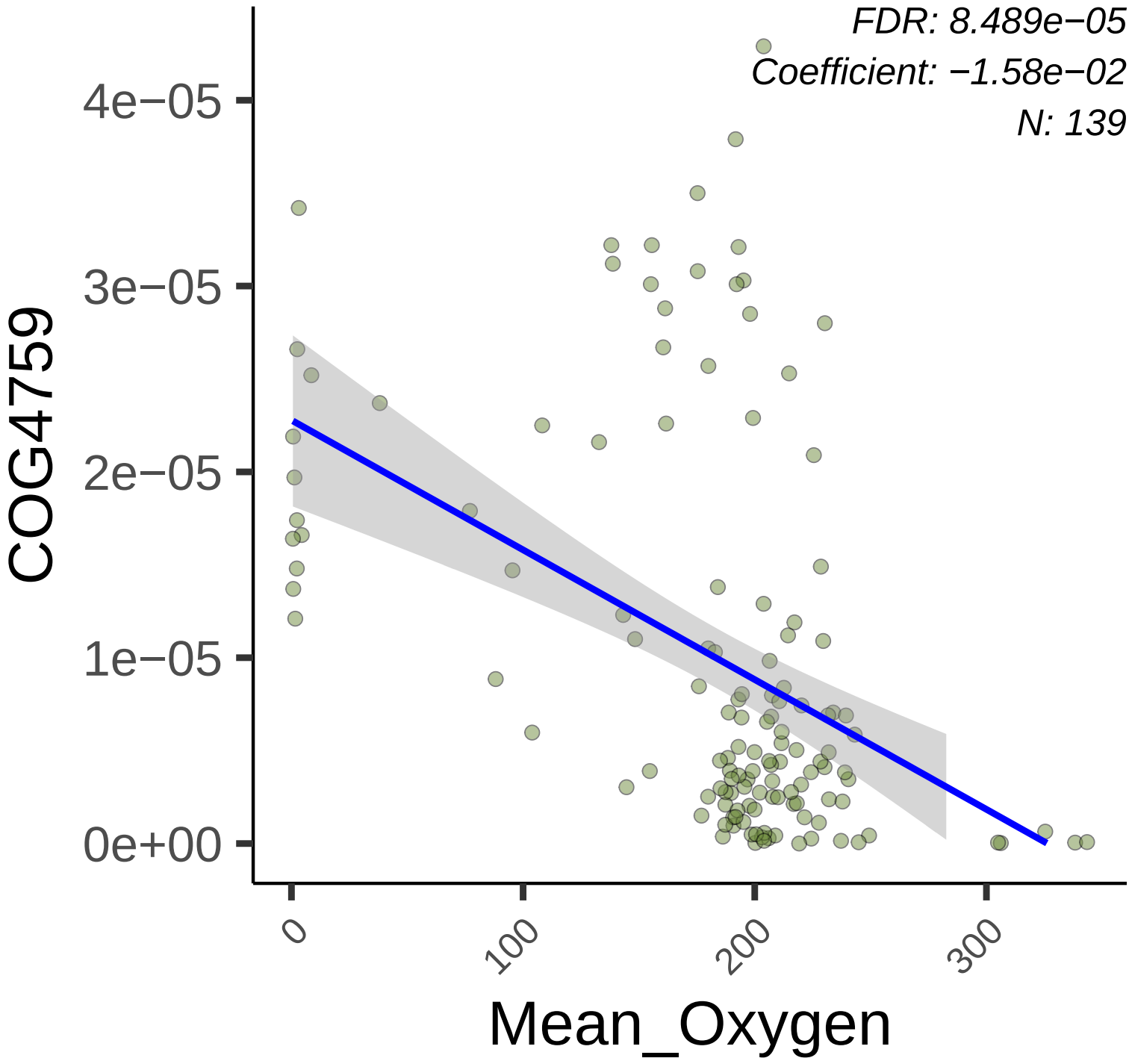
300
Mean_Oxygen


FDR: 8.489e−05
Coefficient: −1.58e−02
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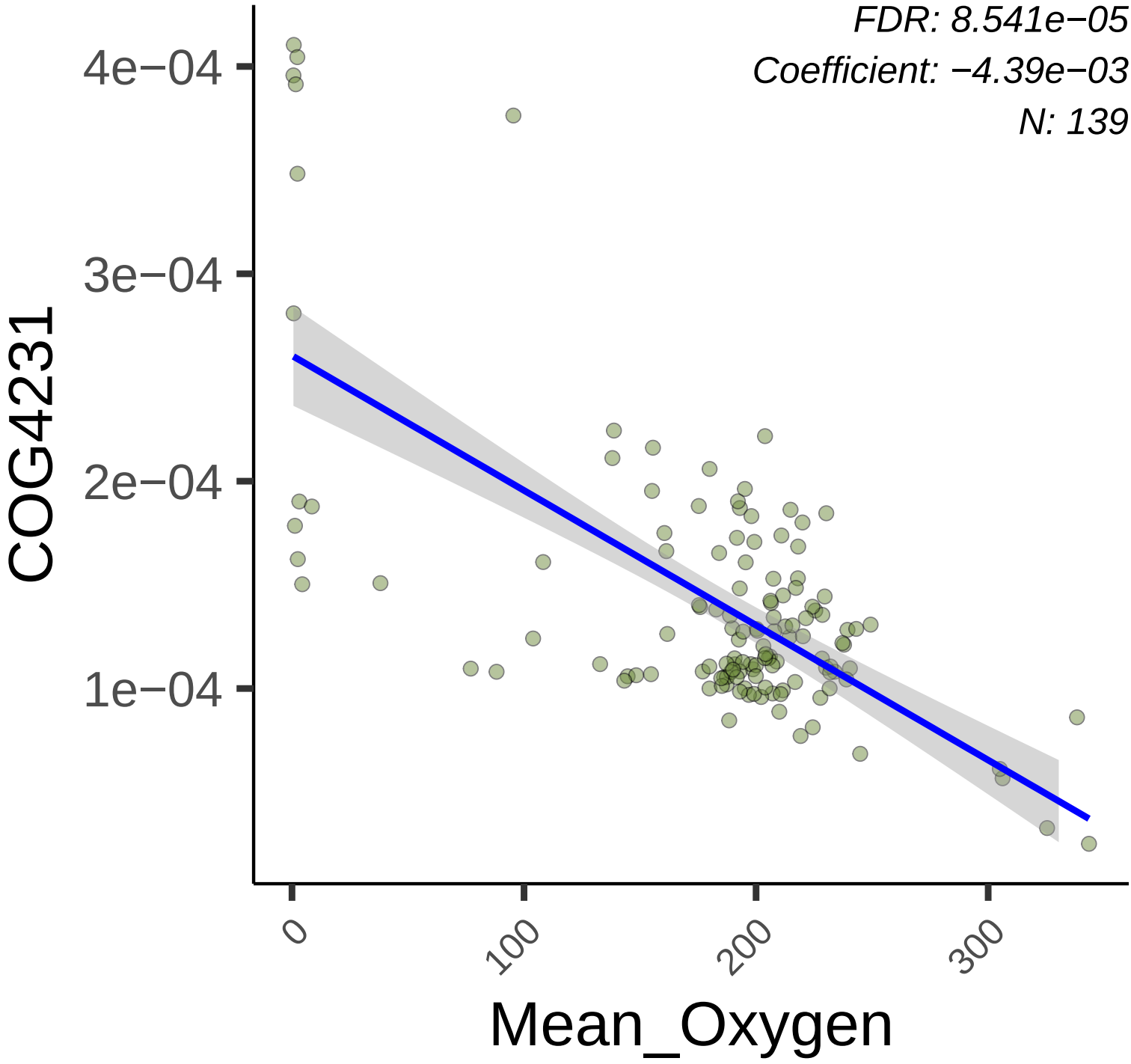
300
Mean_Oxygen


FDR: 8.541e−05
Coefficient: −4.39e−03
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3e−04
2e−04
1e−04
COG4231
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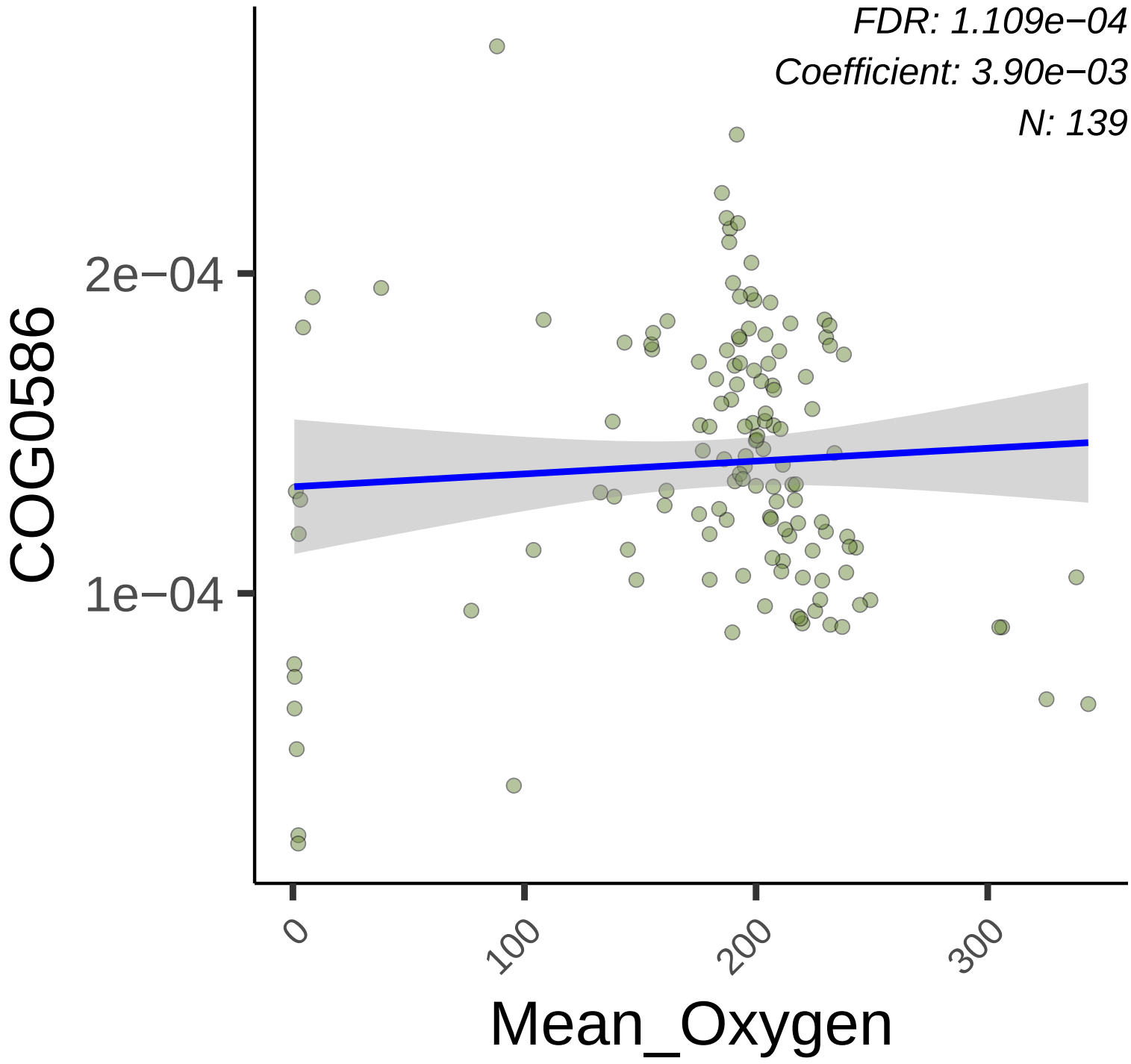
200
300
Mean_Oxygen


FDR: 1.109e−04
Coefficient: 3.90e−03
N: 139
COG0586
2e−04
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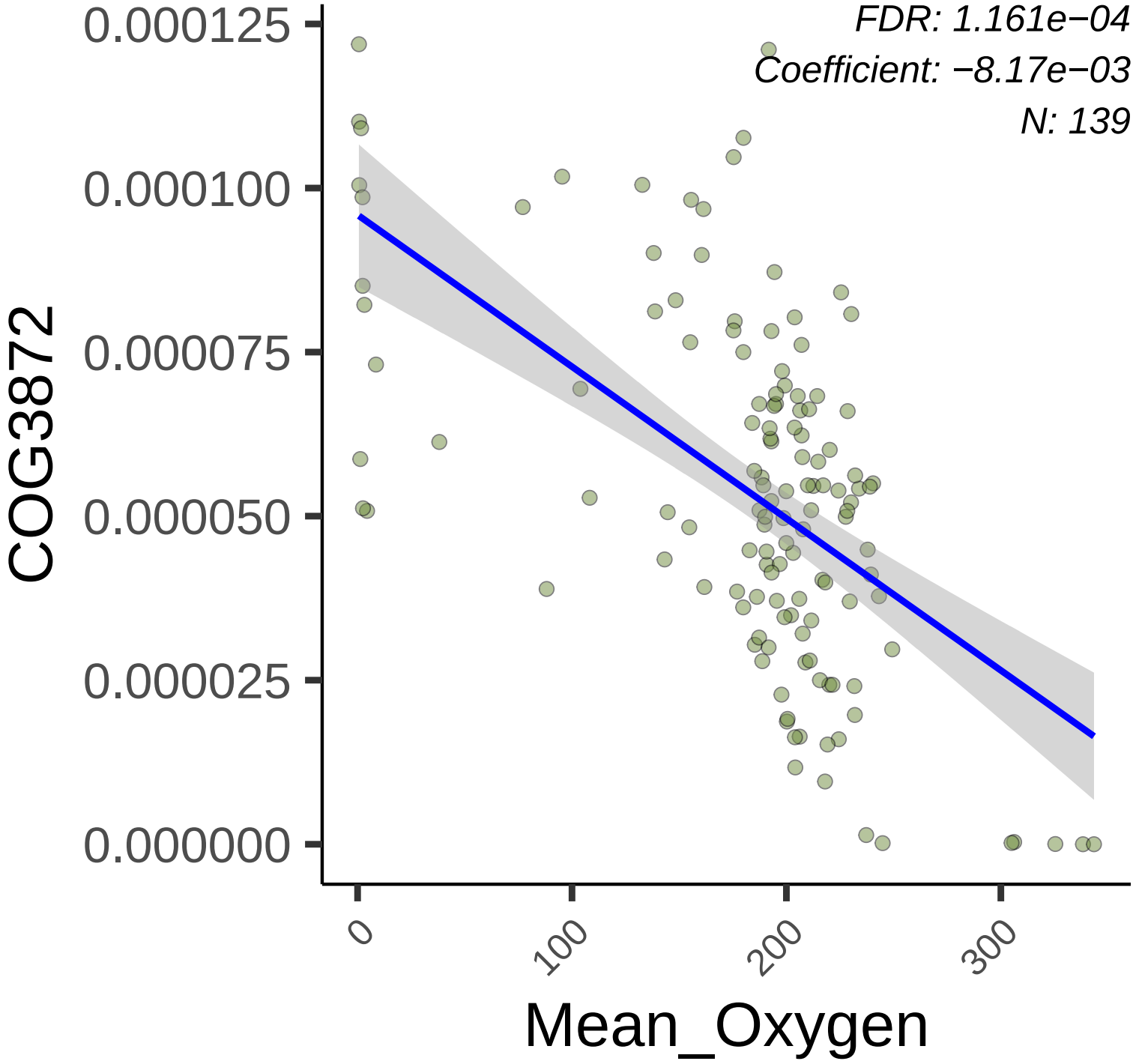
300
Mean_Oxygen


FDR: 1.161e−04
Coefficient: −8.17e−03
N: 139
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0.000000
COG3872
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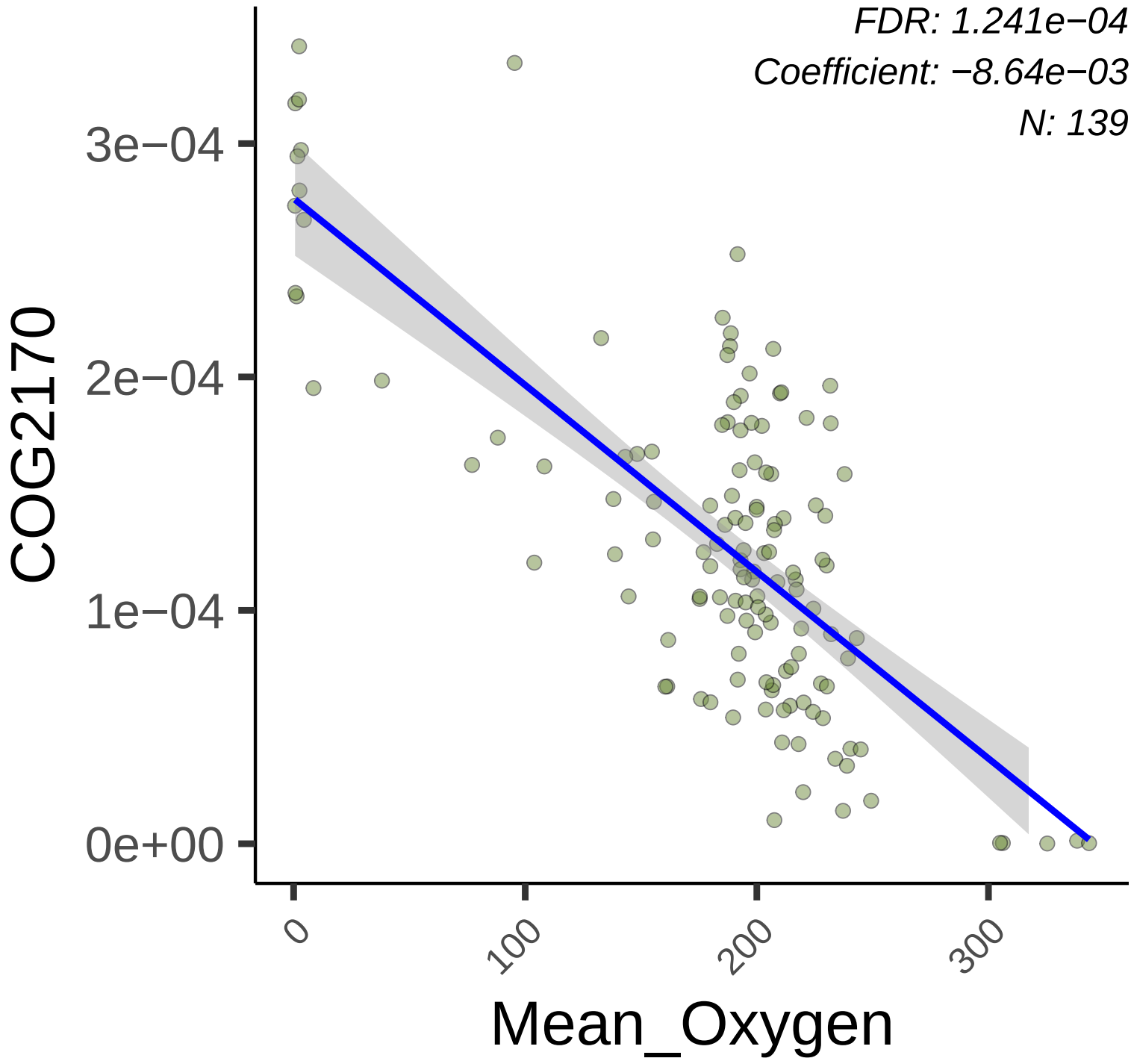
200
300
Mean_Oxygen


FDR: 1.241e−04
Coefficient: −8.64e−03
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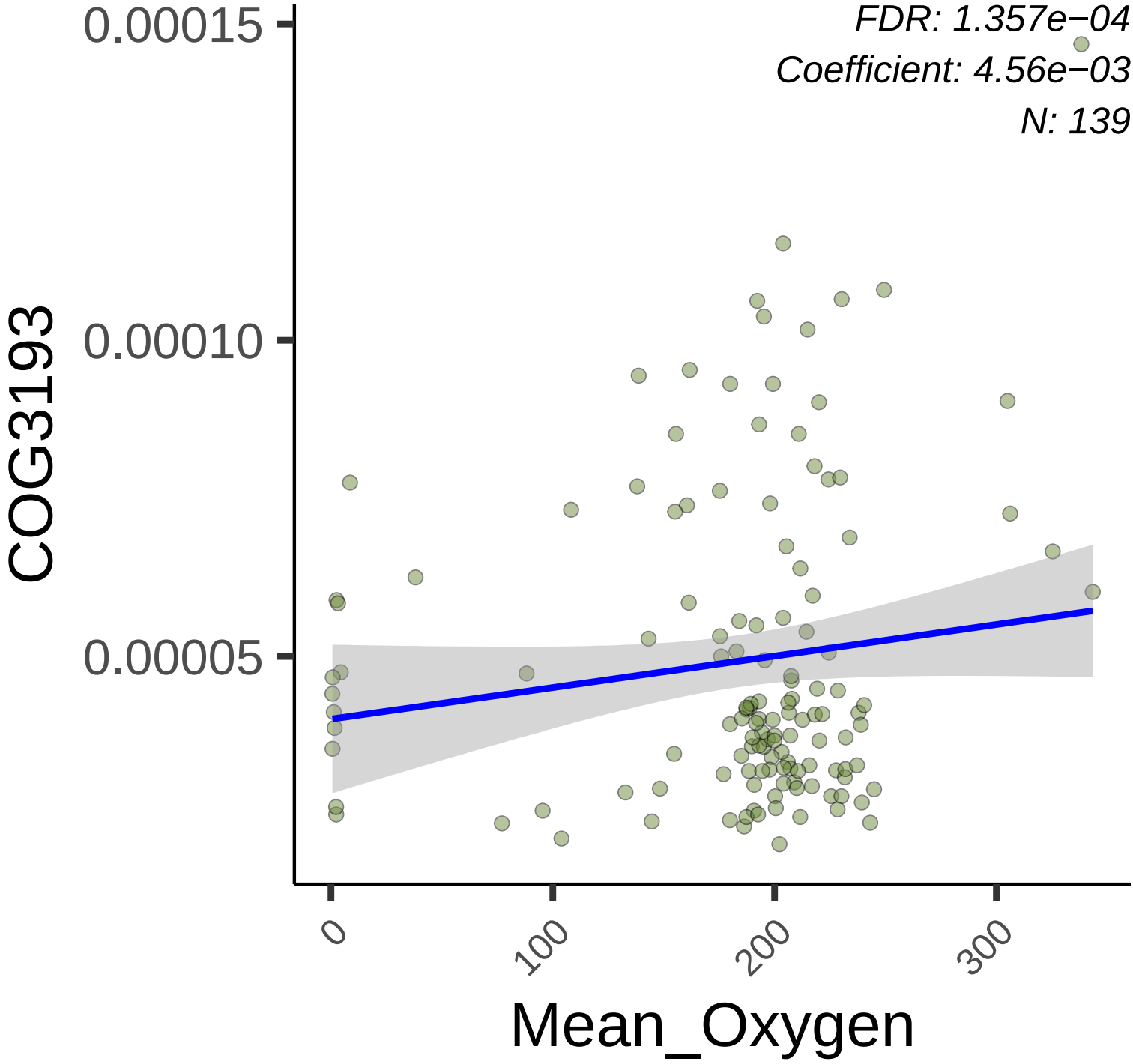
200
300
Mean_Oxygen


FDR: 1.357e−04
Coefficient: 4.56e−03
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COG3193
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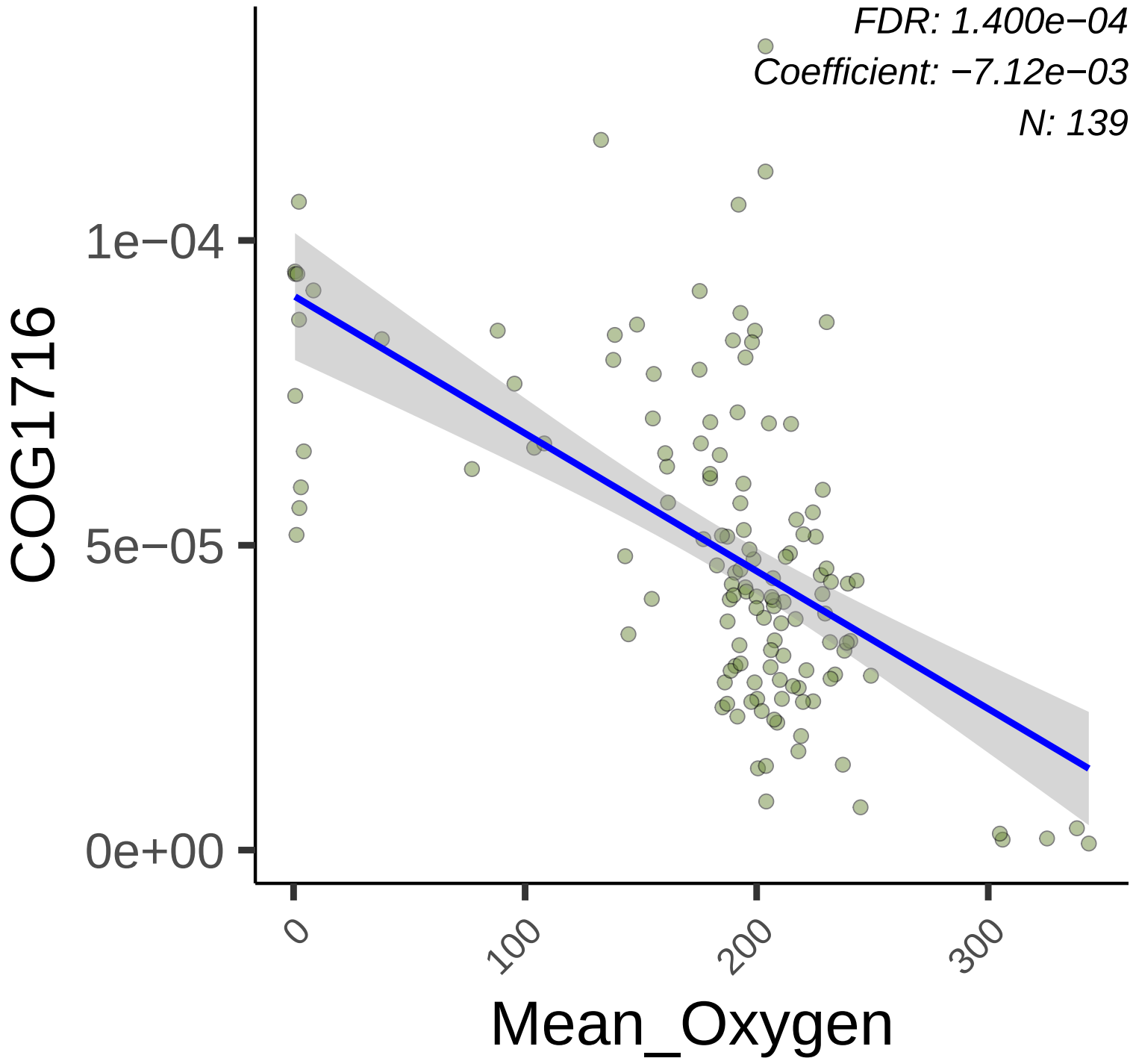
200
300
Mean_Oxygen


FDR: 1.400e−04
Coefficient: −7.12e−03
N: 139
COG1716
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5e−05
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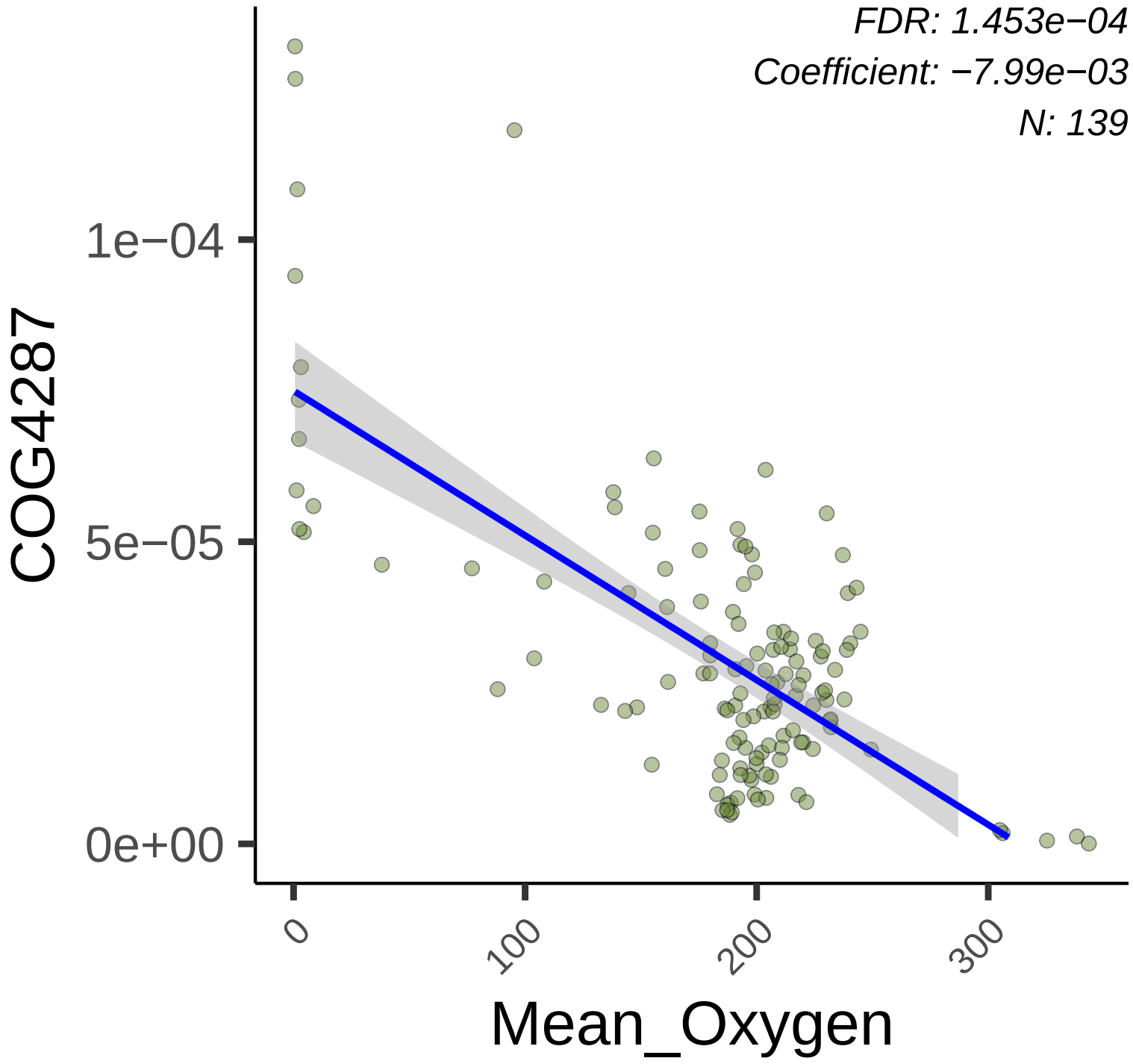
200
300
Mean_Oxygen


FDR: 1.453e−04
Coefficient: −7.99e−03
N: 139
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5e−05
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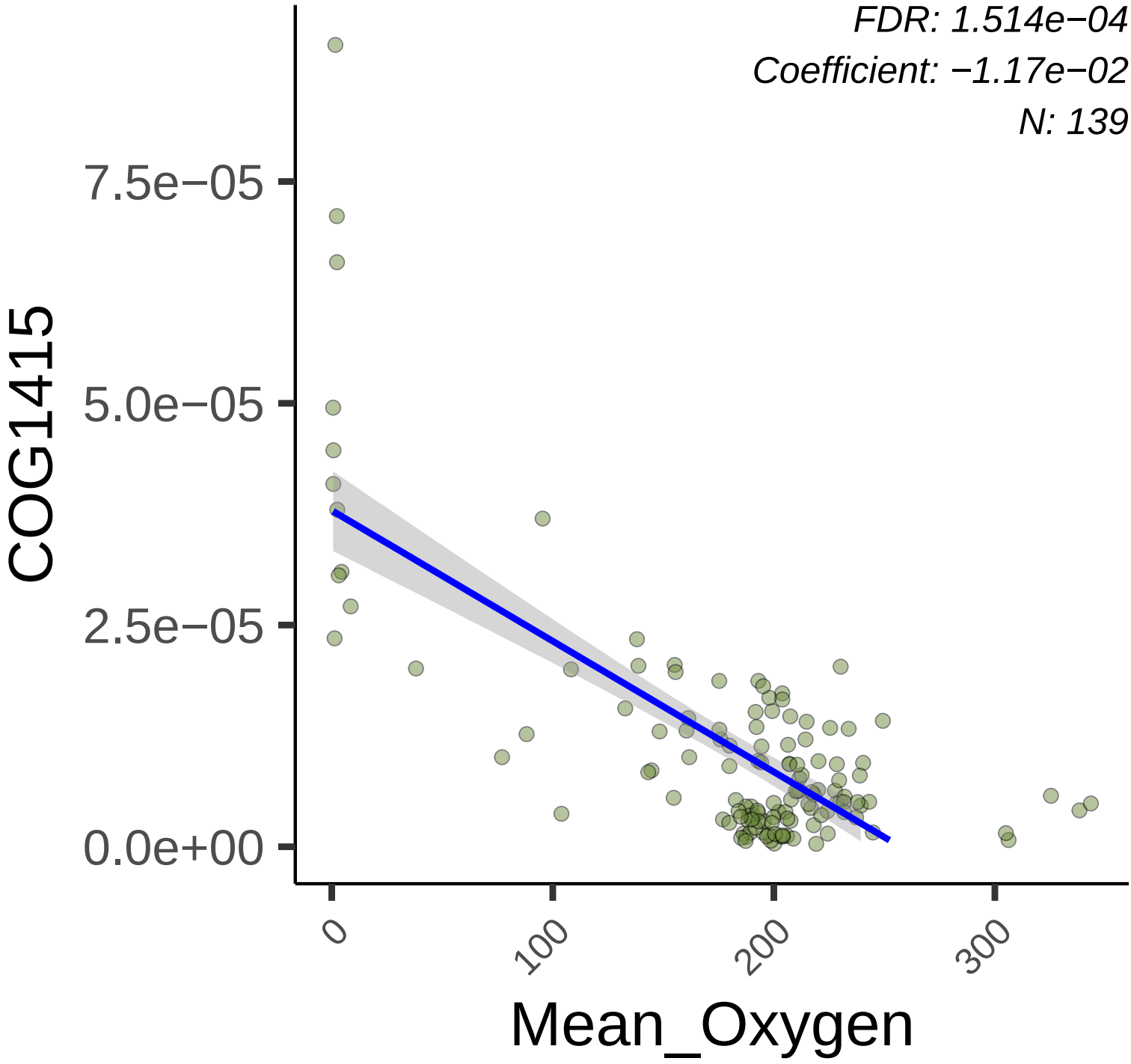
200
300
Mean_Oxygen


FDR: 1.514e−04
Coefficient: −1.17e−02
N: 139
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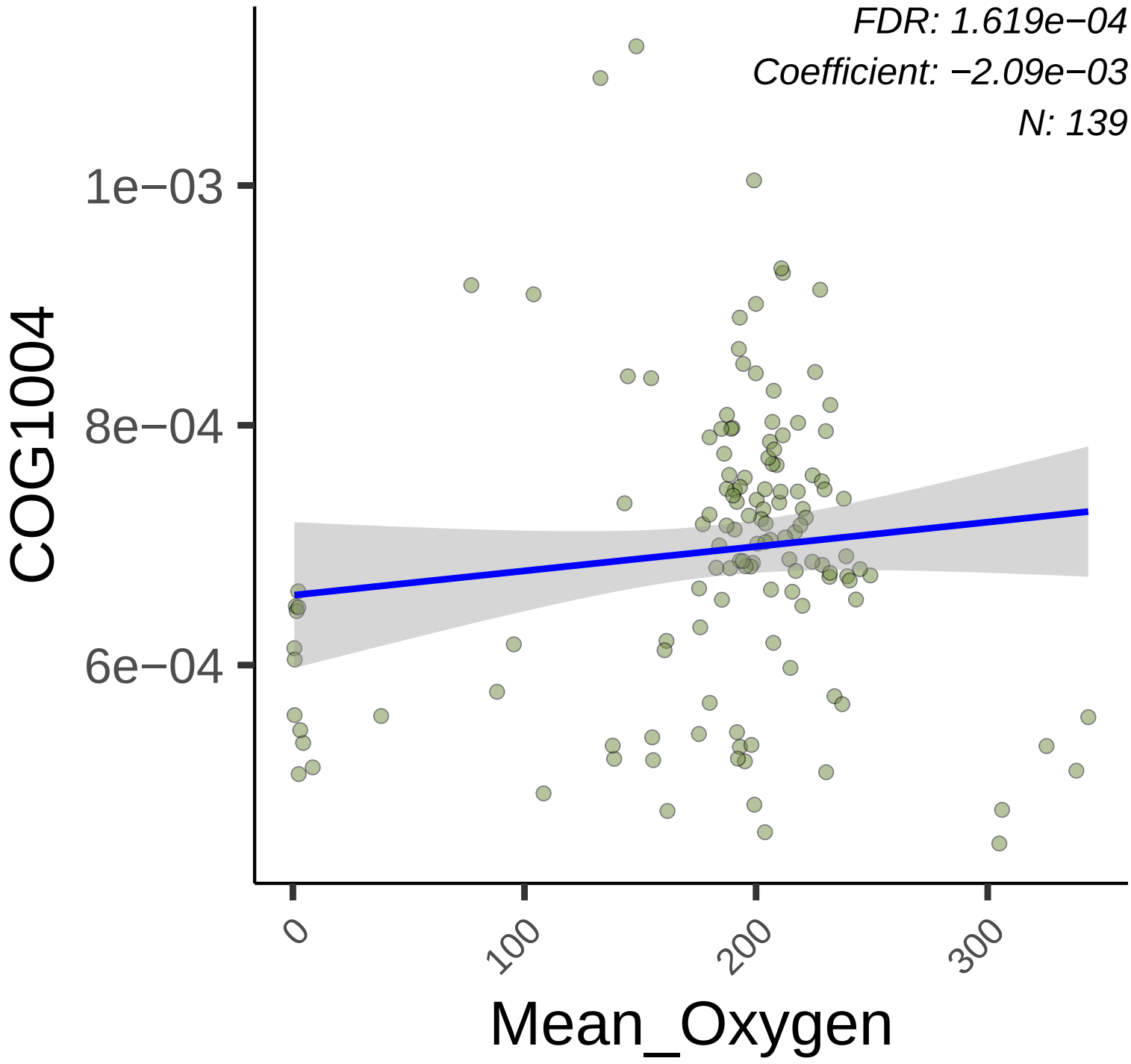
300
Mean_Oxygen


FDR: 1.619e−04
Coefficient: −2.09e−03
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8e−04
6e−04
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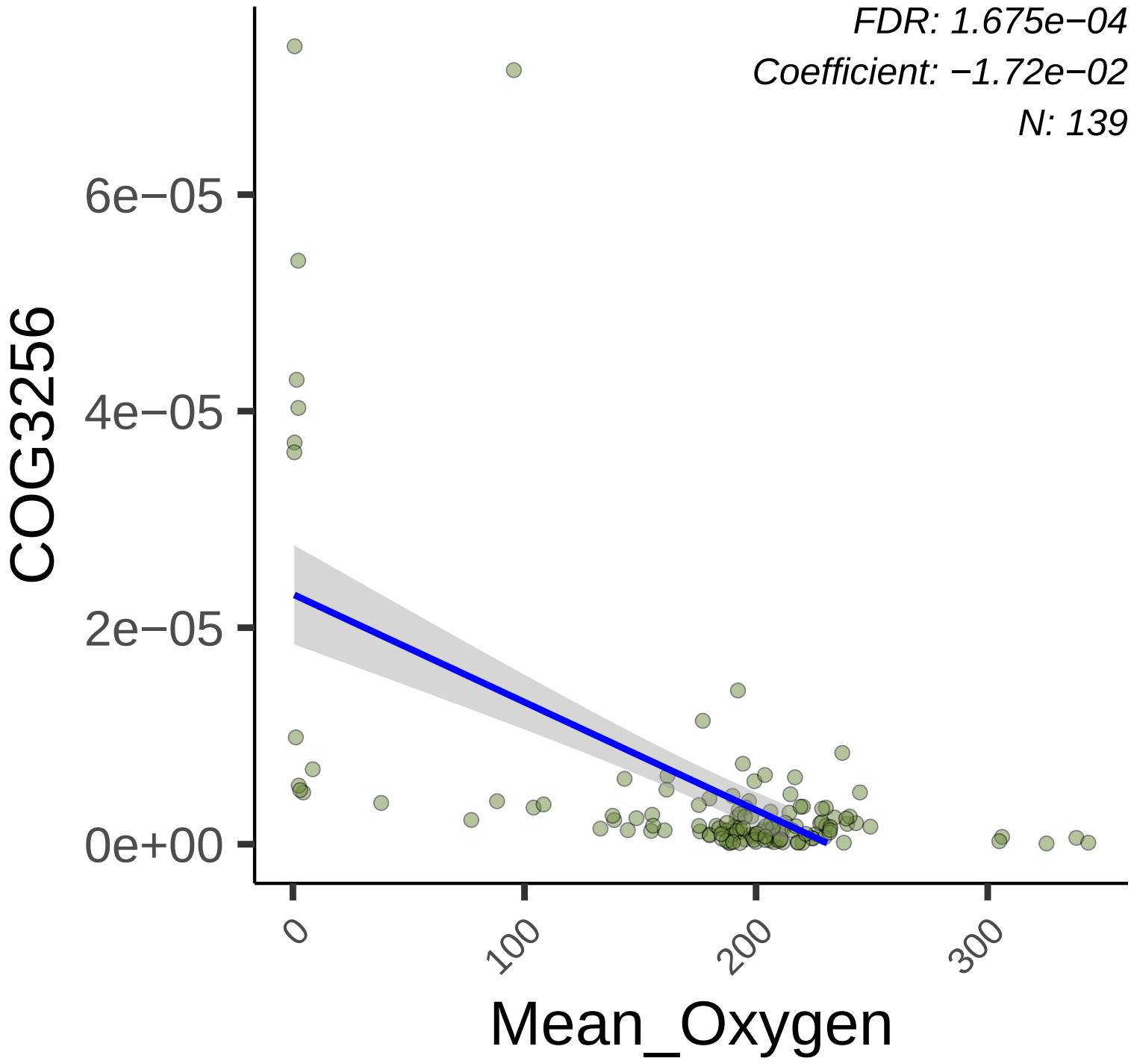
200
300
Mean_Oxygen


FDR: 1.675e−04
Coefficient: −1.72e−02
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4e−05
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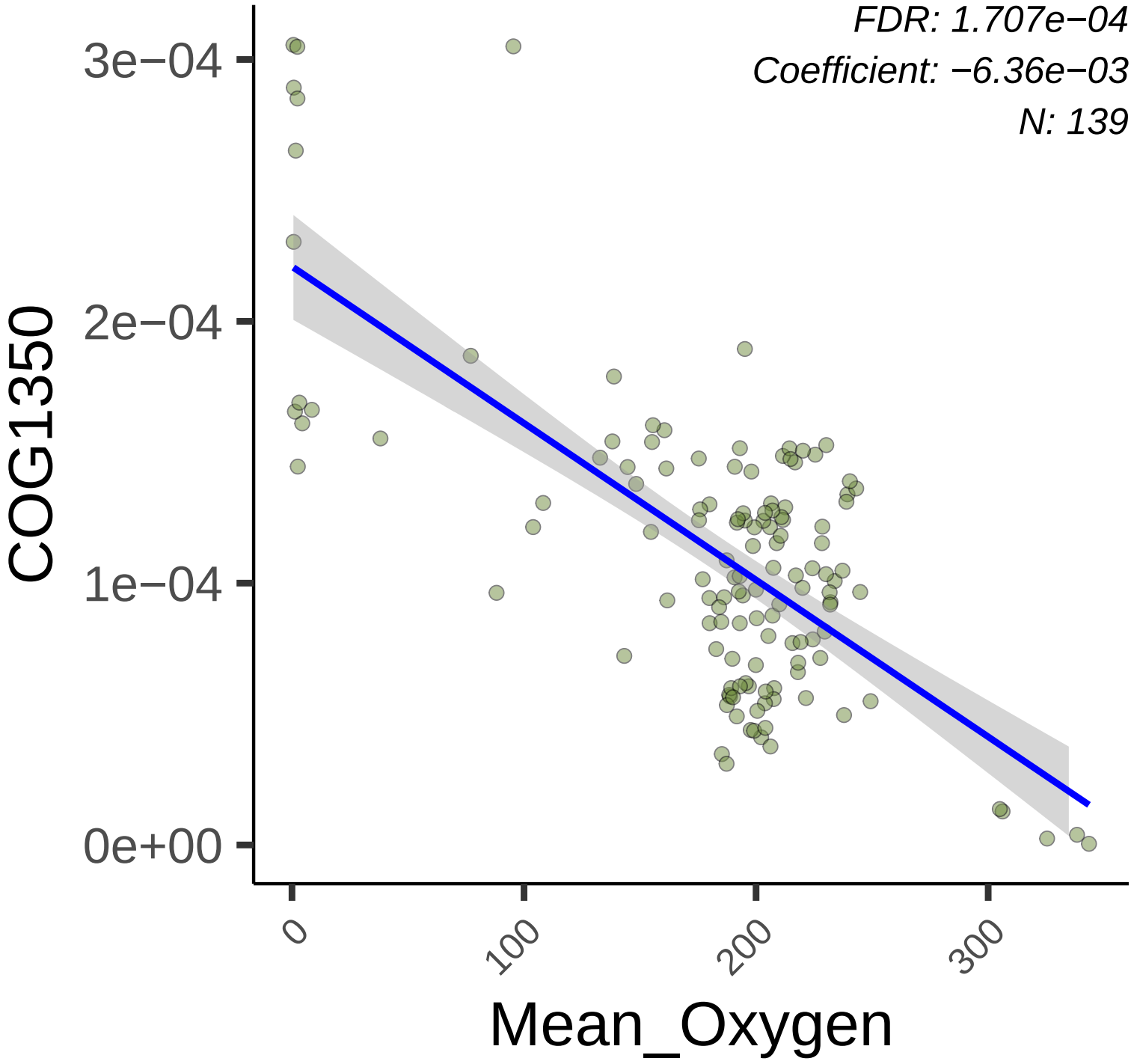
200
300
Mean_Oxygen


FDR: 1.707e−04
Coefficient: −6.36e−03
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2e−04
1e−04
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COG1350
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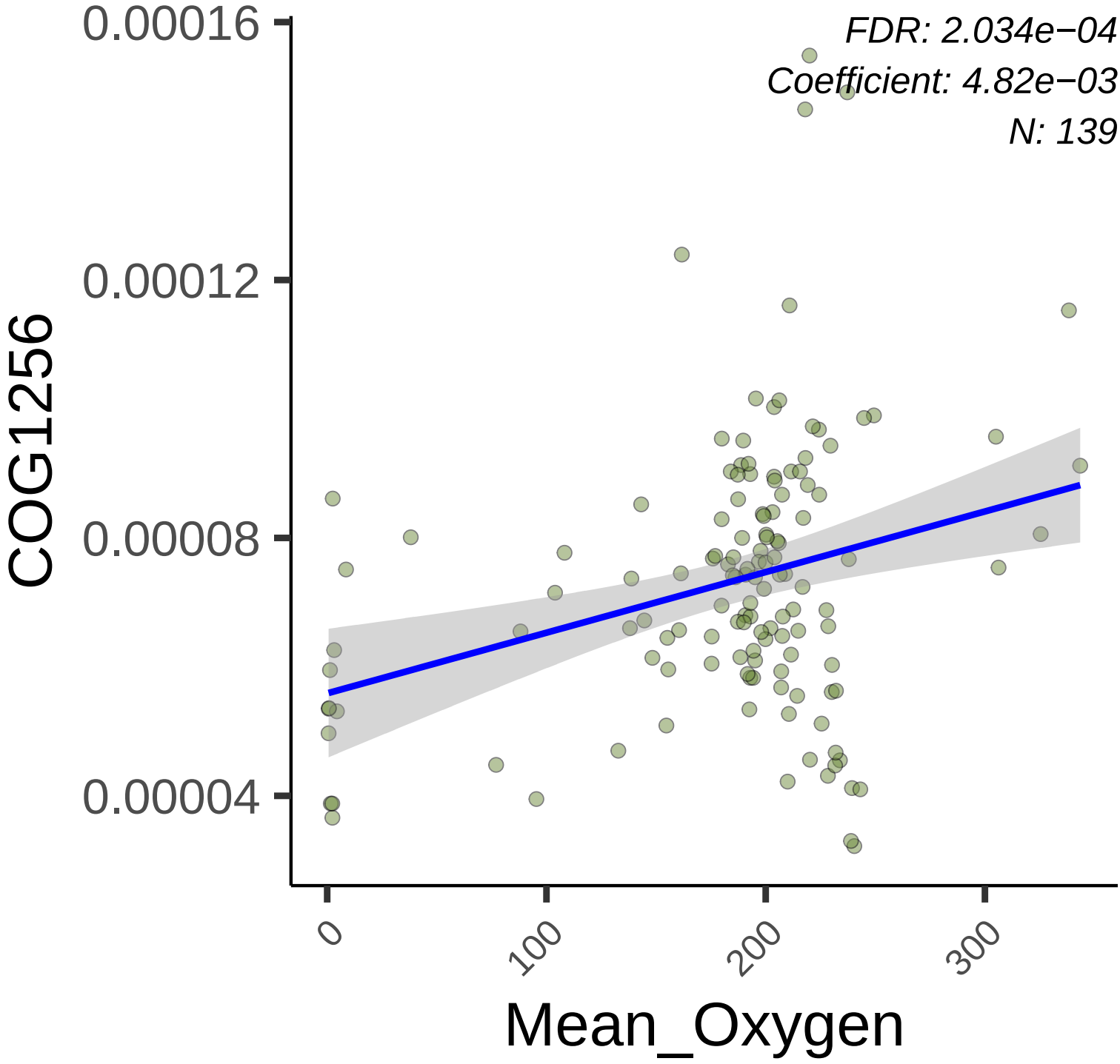
100
200
300
Mean_Oxygen


FDR: 2.034e−04
Coefficient: 4.82e−03
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COG1256
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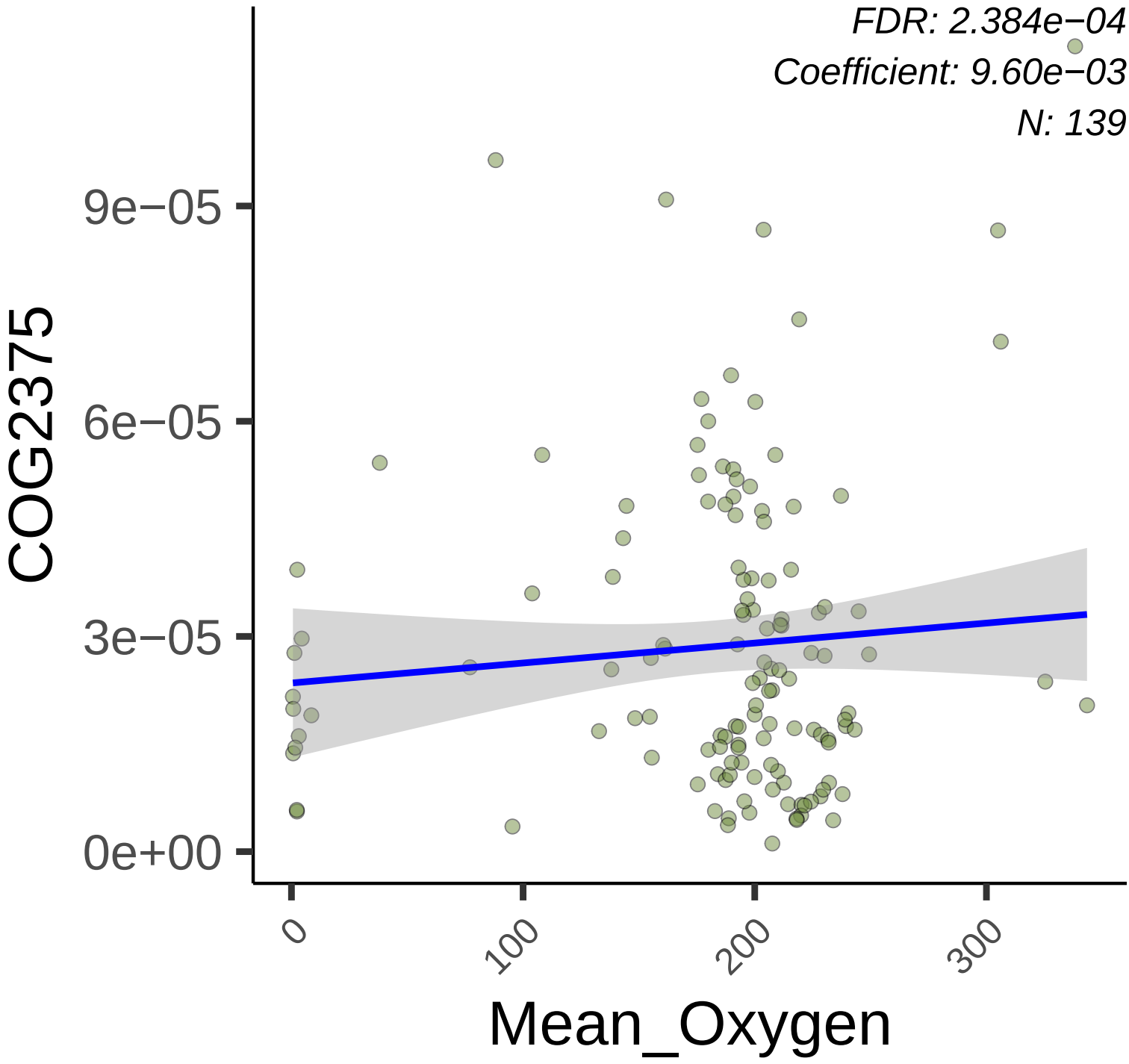
200
300
Mean_Oxygen


FDR: 2.384e−04
Coefficient: 9.60e−03
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6e−05
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0e+00
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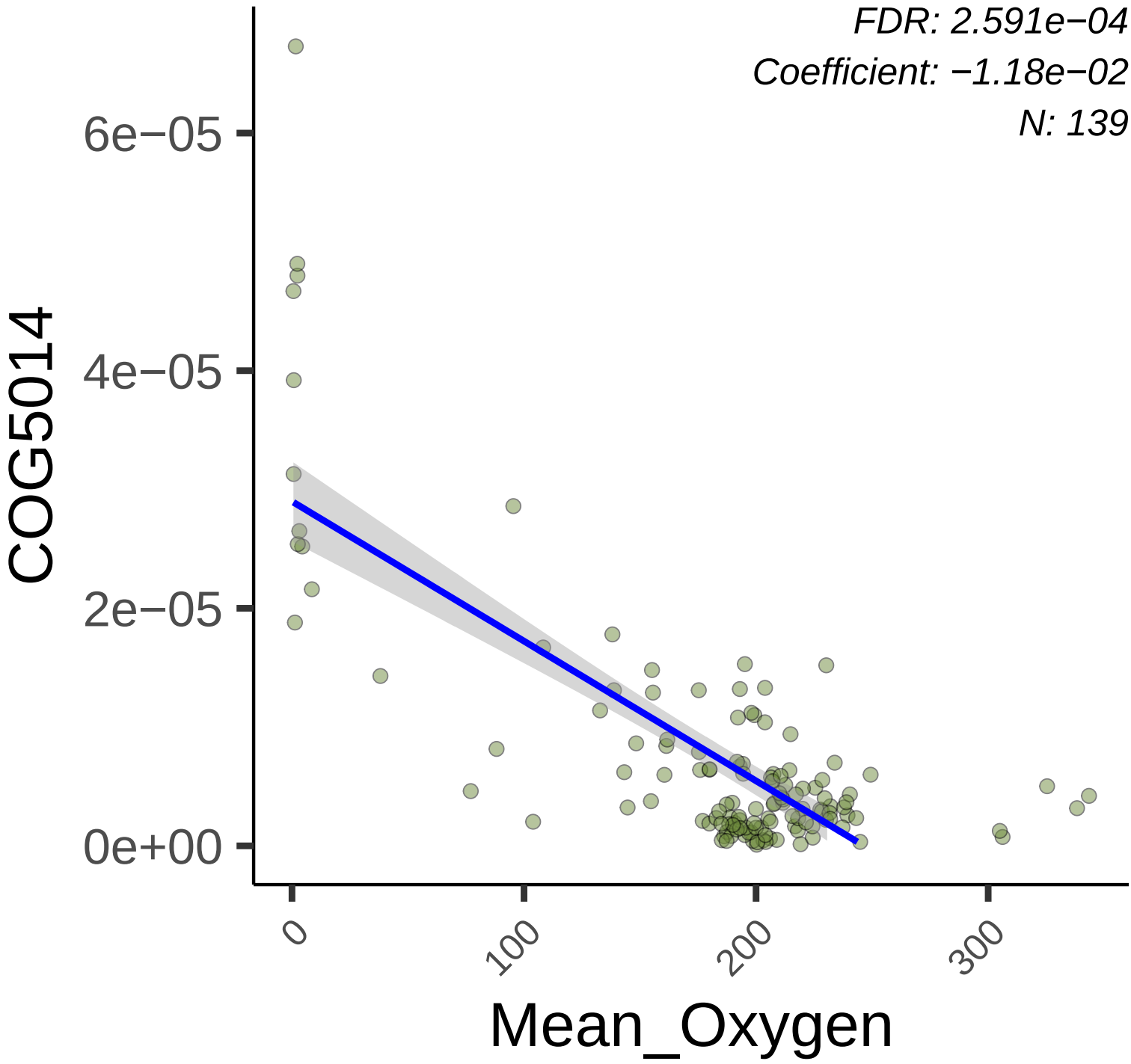
200
300
Mean_Oxygen


FDR: 2.591e−04
Coefficient: −1.18e−02
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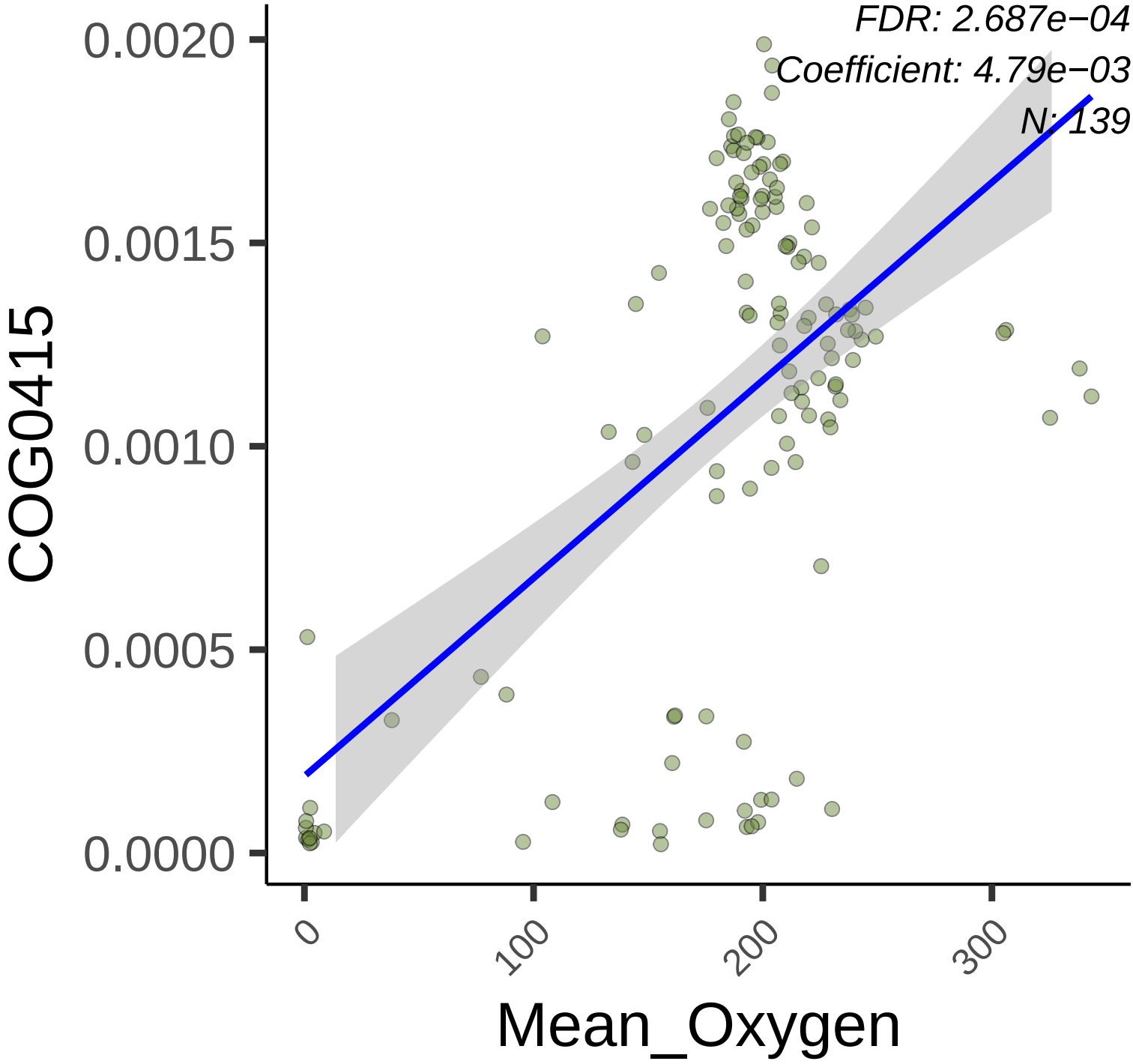
Mean_Oxygen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Coefficient: 4.79e−03
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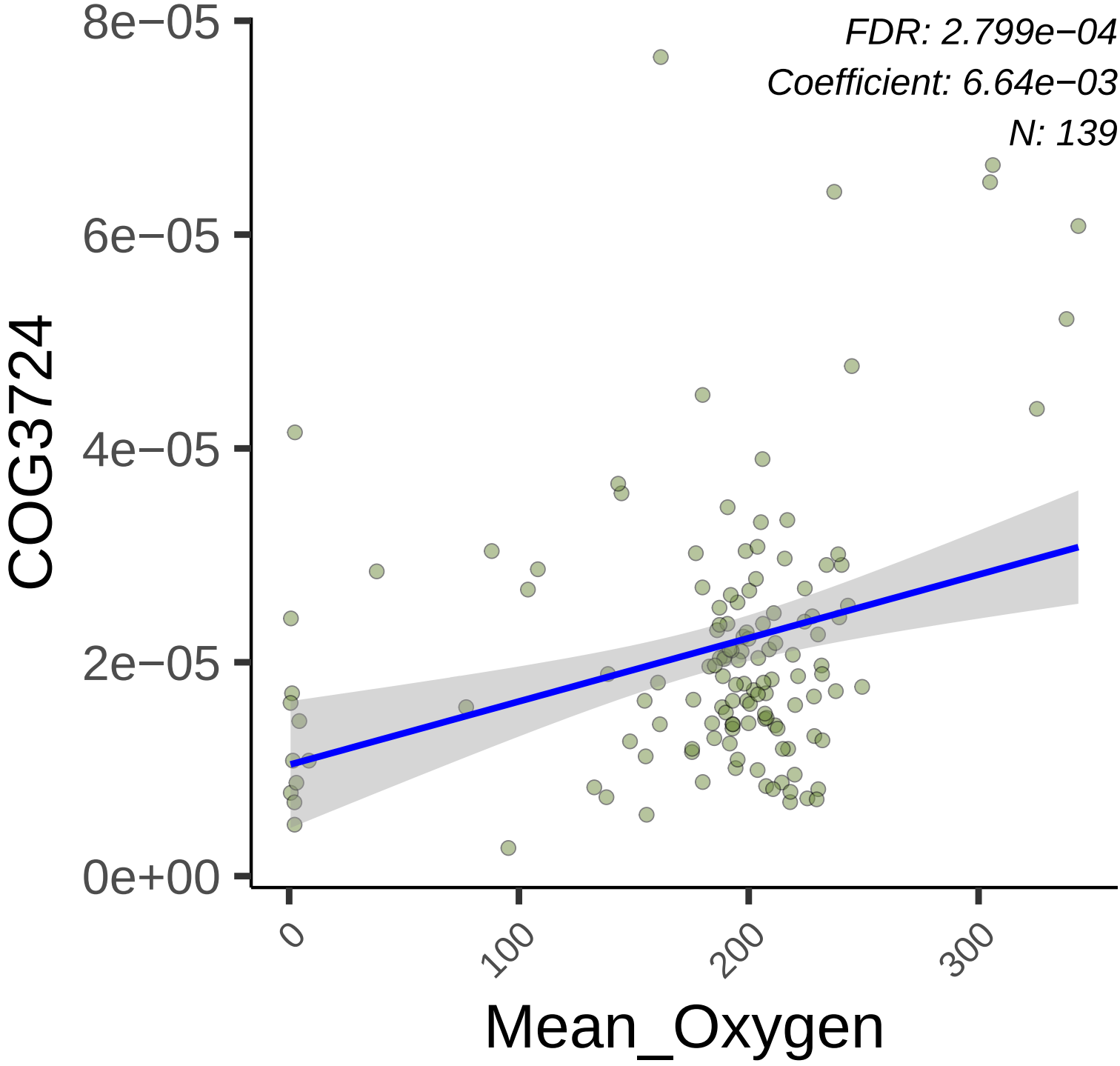
300
Mean_Oxygen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Coefficient: 6.64e−03
N: 139
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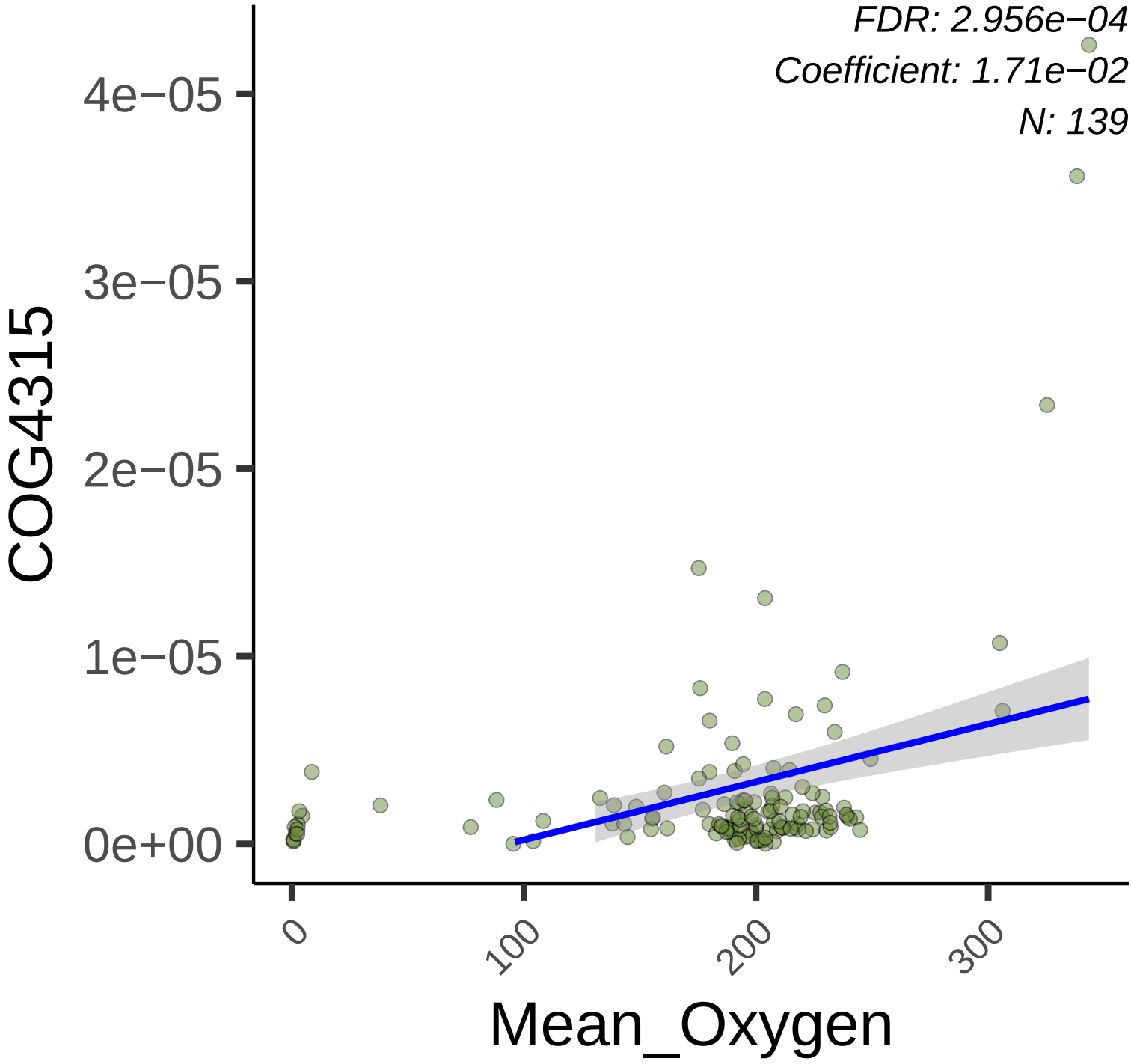
300
Mean_Oxygen


FDR: 2.956e−04
Coefficient: 1.71e−02
N: 139
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2e−05
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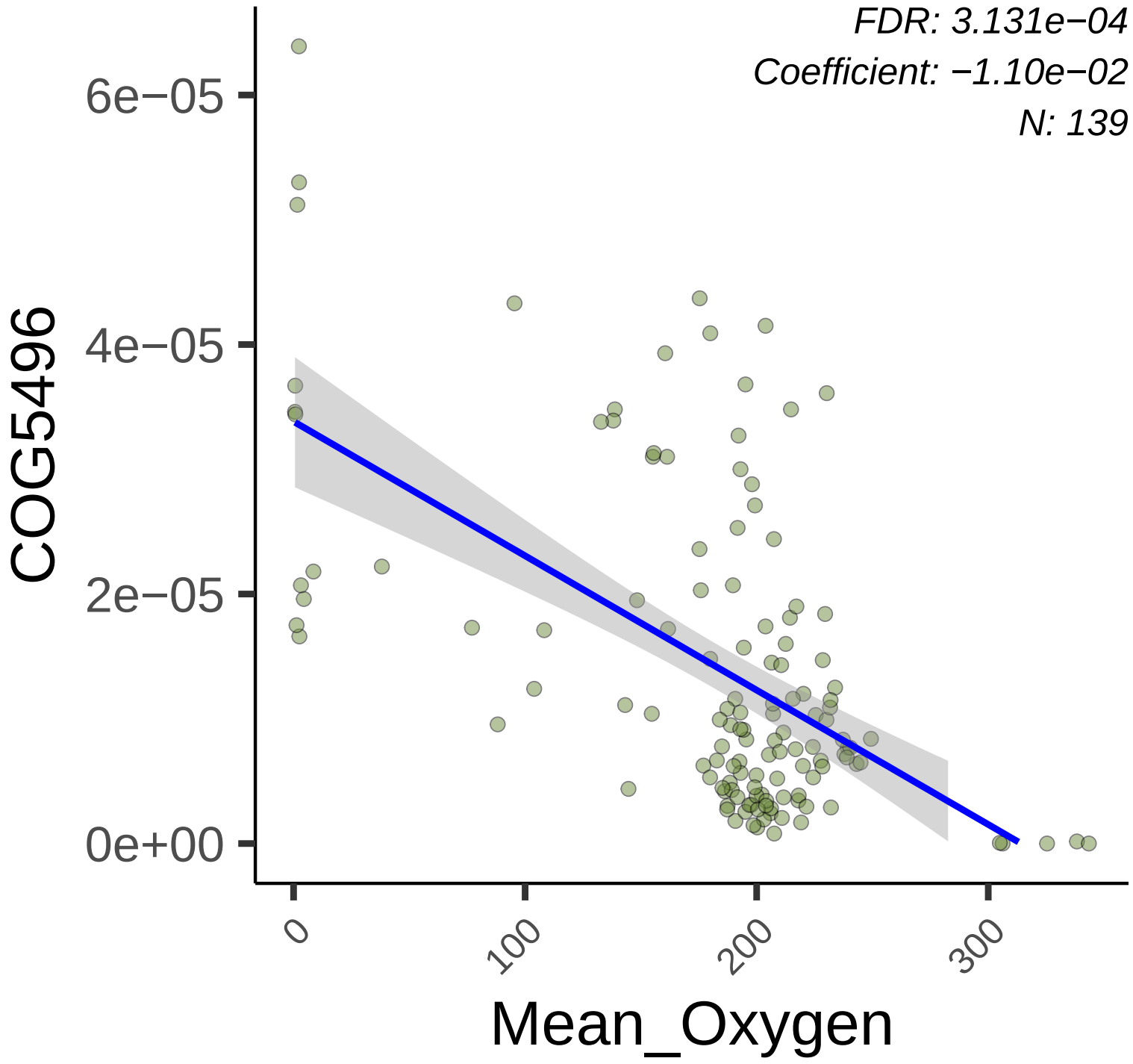
200
300
Mean_Oxygen


FDR: 3.131e−04
Coefficient: −1.10e−02
N: 139
COG5496
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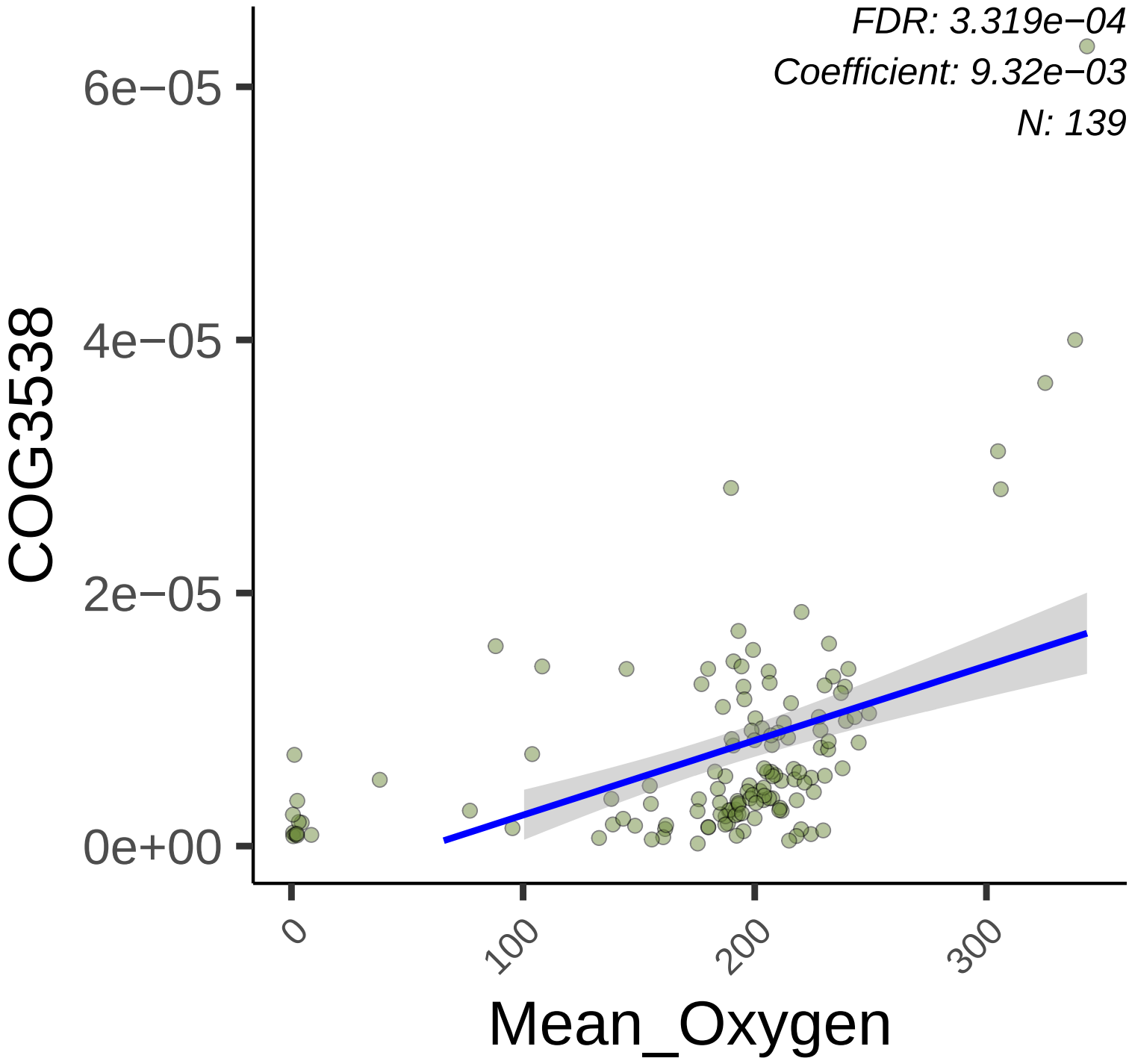
300
Mean_Oxygen


FDR: 3.319e−04
Coefficient: 9.32e−03
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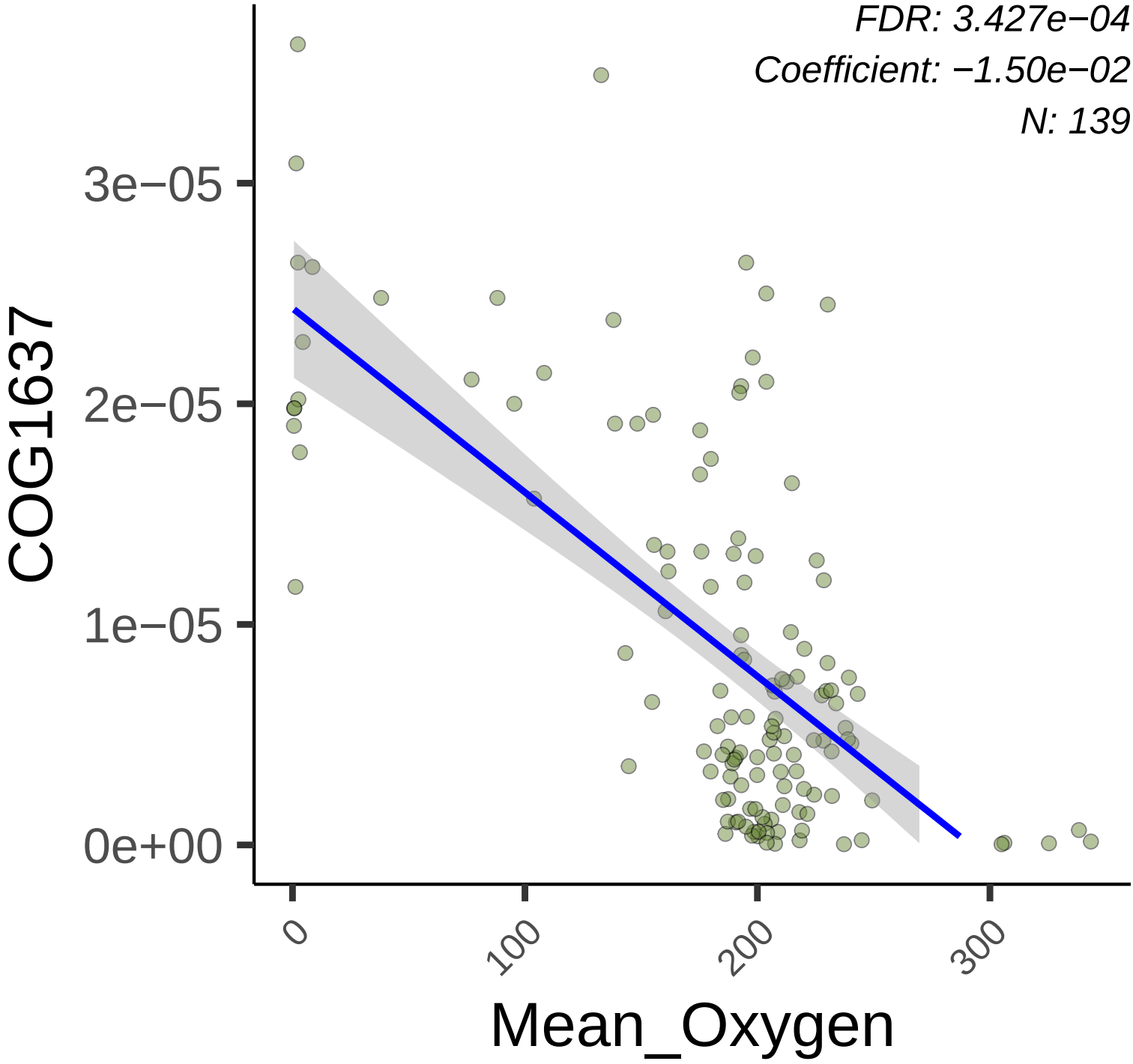
Mean_Oxygen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Coefficient: −1.50e−02
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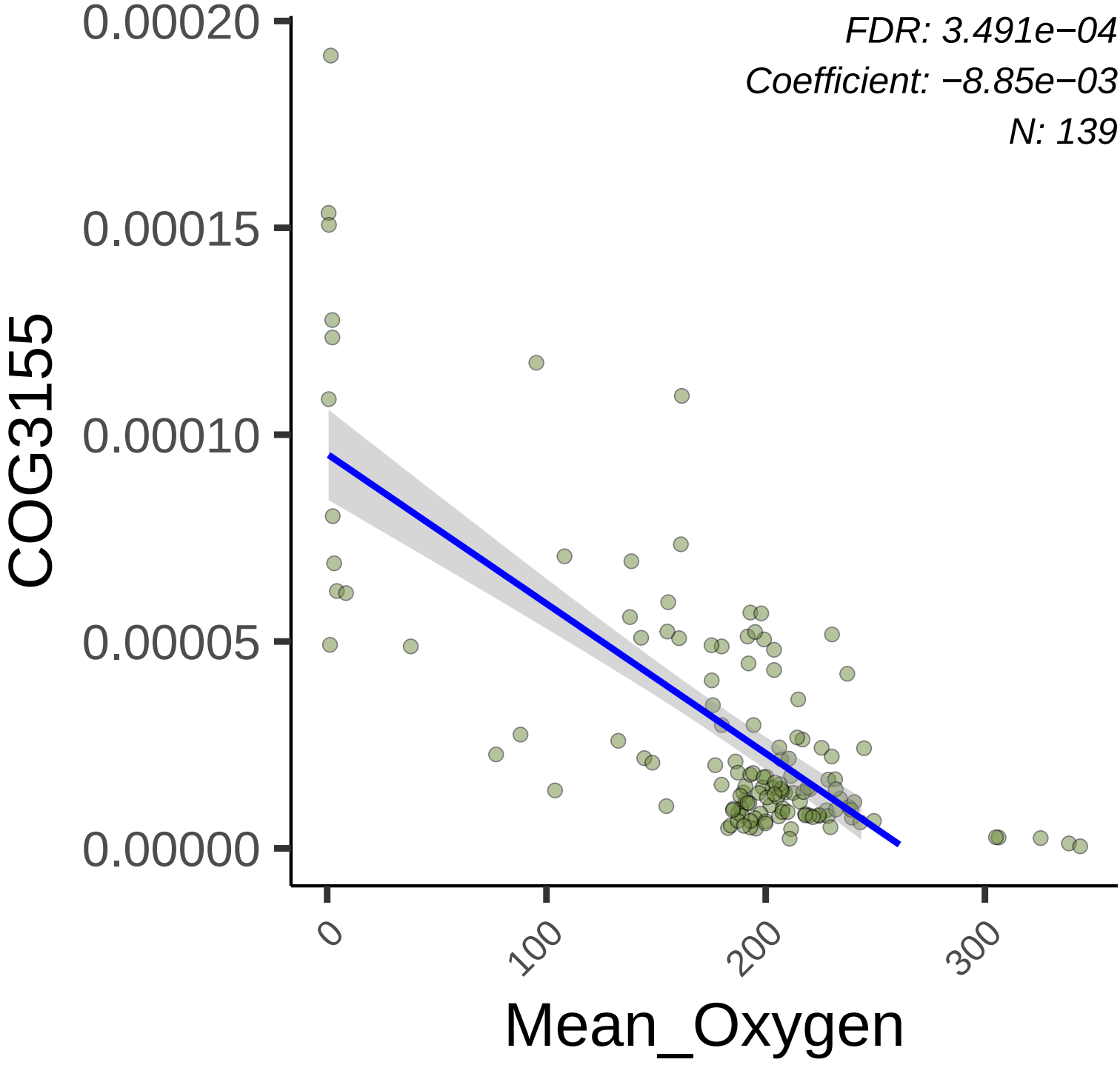
300
Mean_Oxygen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Coefficient: −8.85e−03
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COG3155
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200
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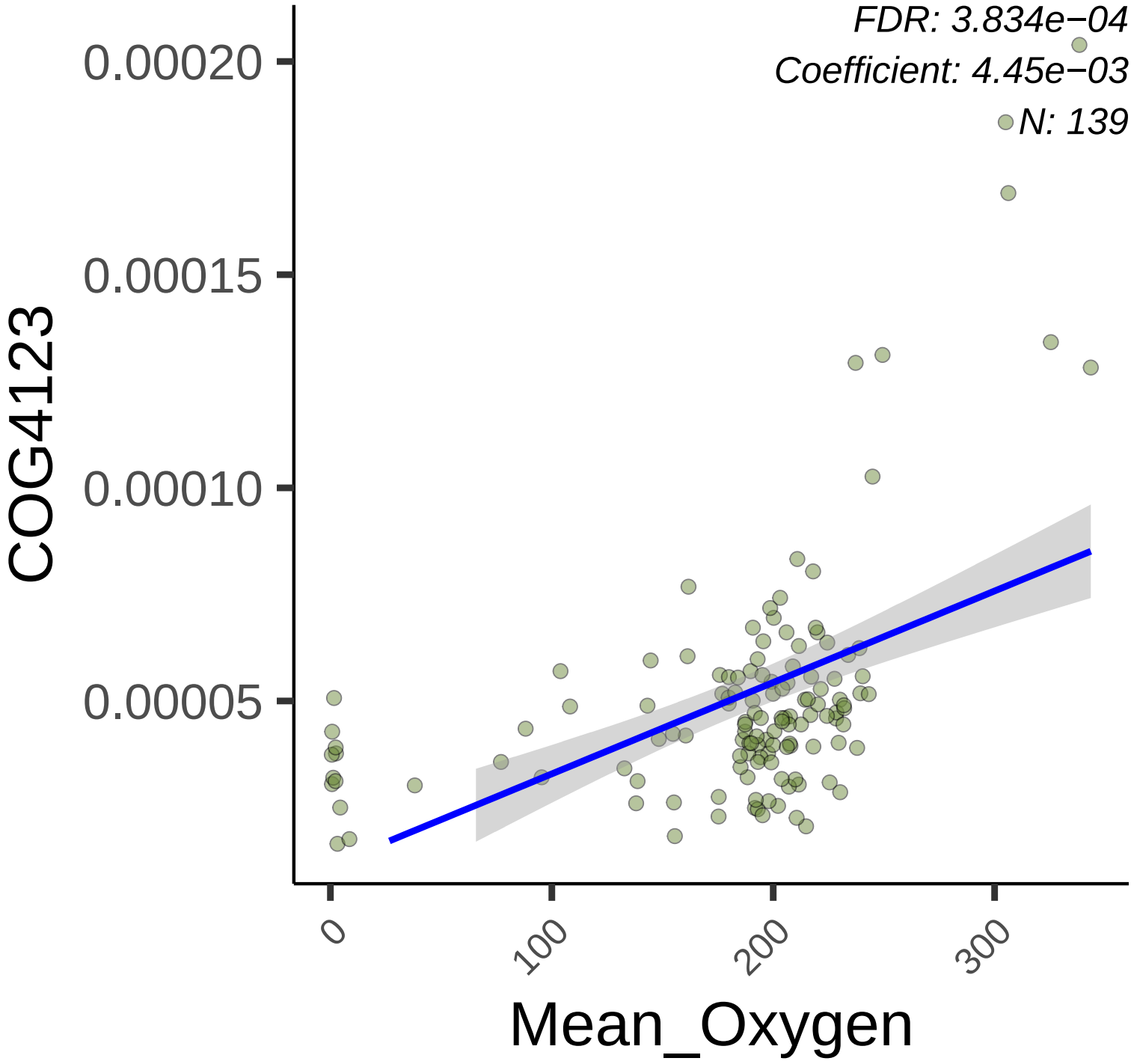
Mean_Oxygen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Coefficient: 4.45e−03
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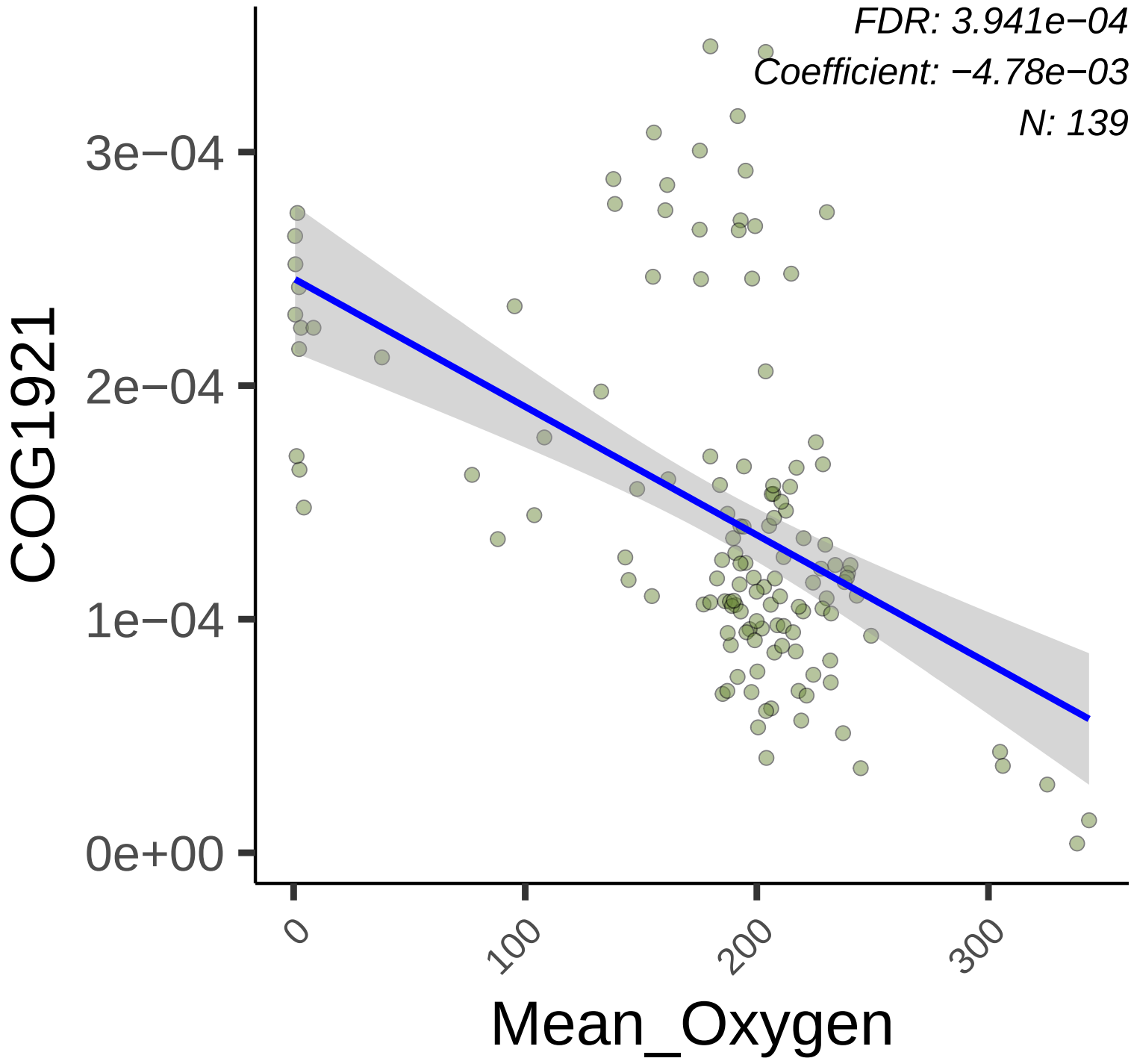
300
Mean_Oxygen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Coefficient: −4.78e−03
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COG1921
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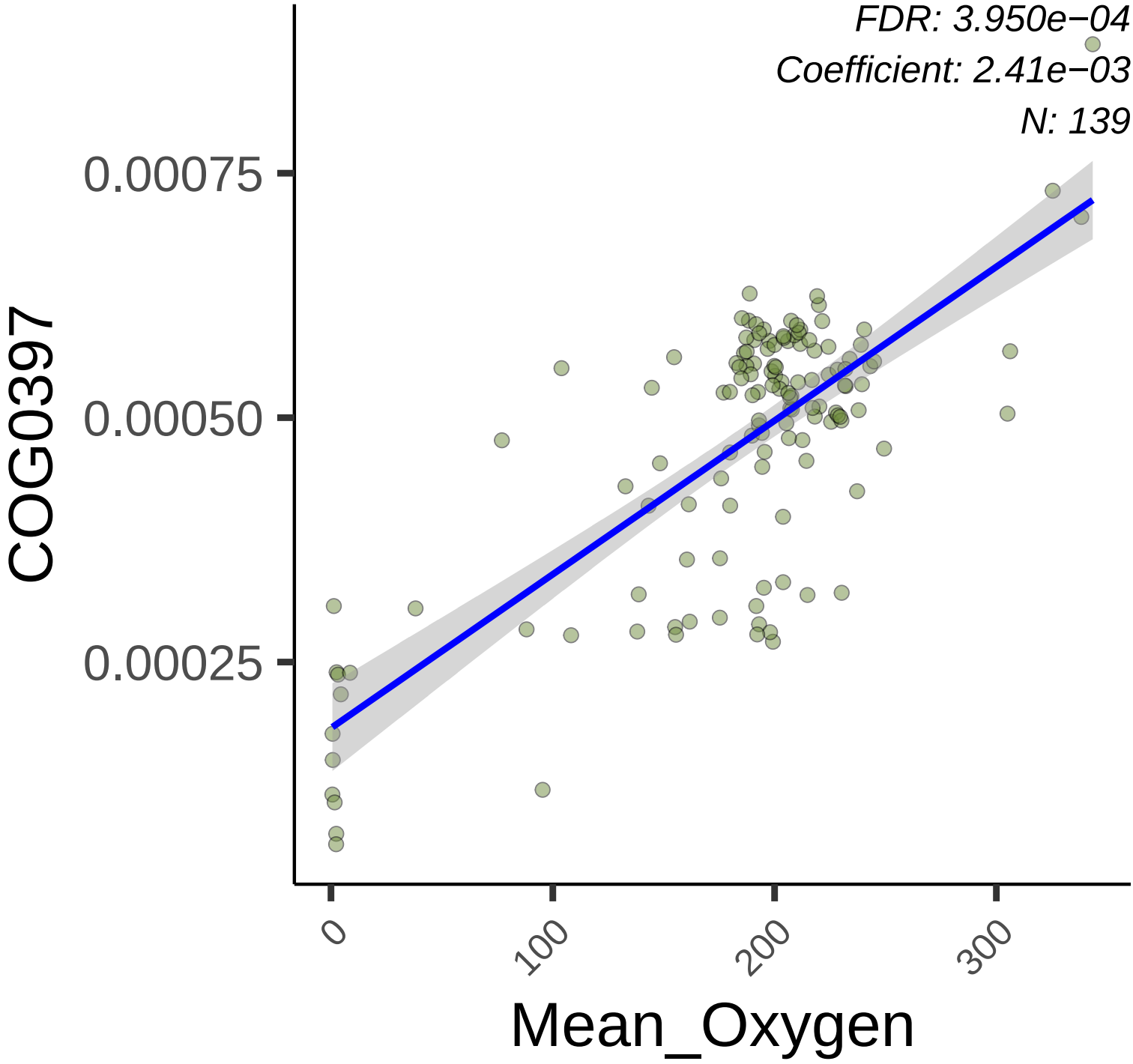
200
300
Mean_Oxygen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Coefficient: 2.41e−03
N: 139
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COG0397
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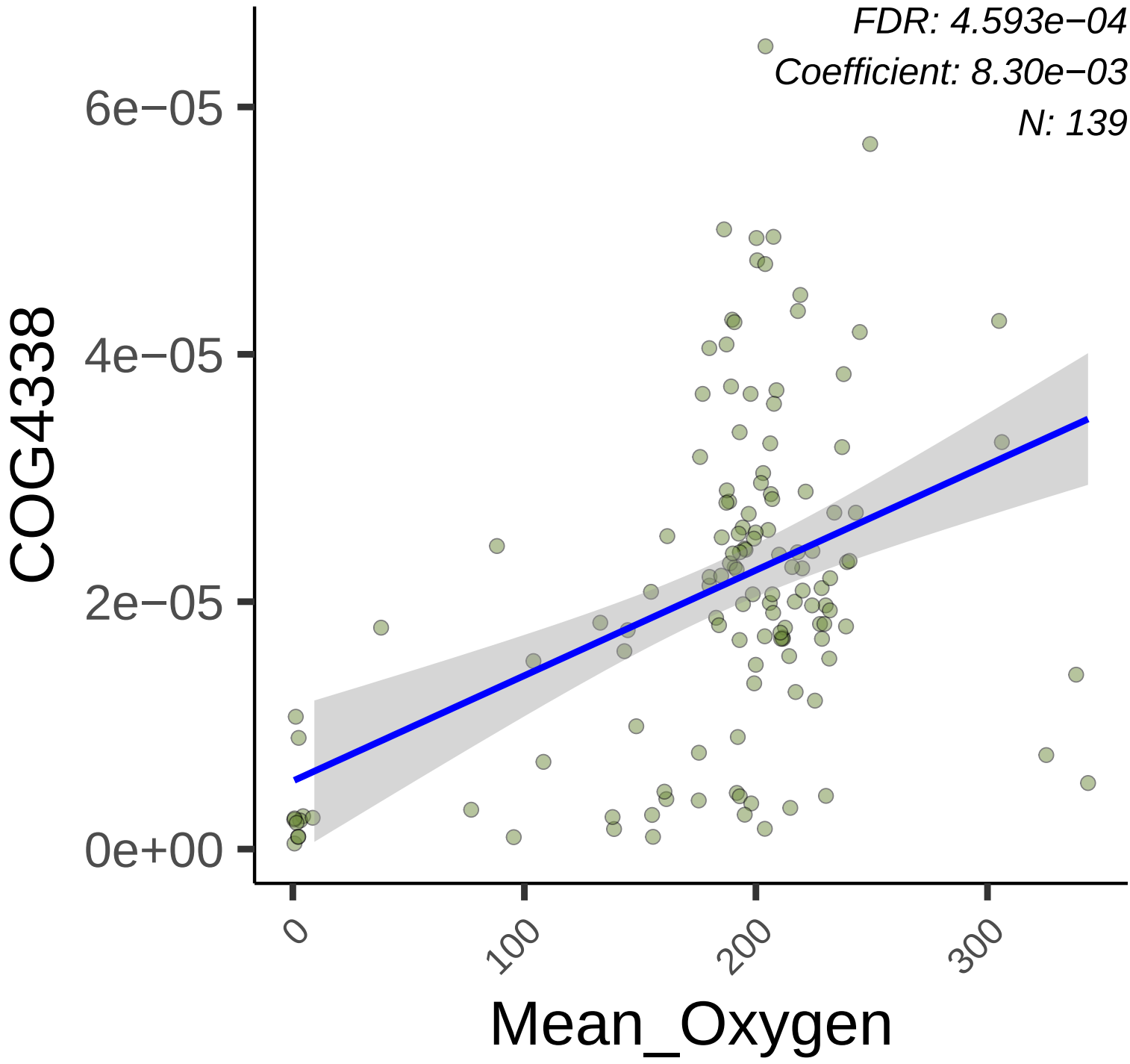
300
Mean_Oxygen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Coefficient: 8.30e−03
N: 139
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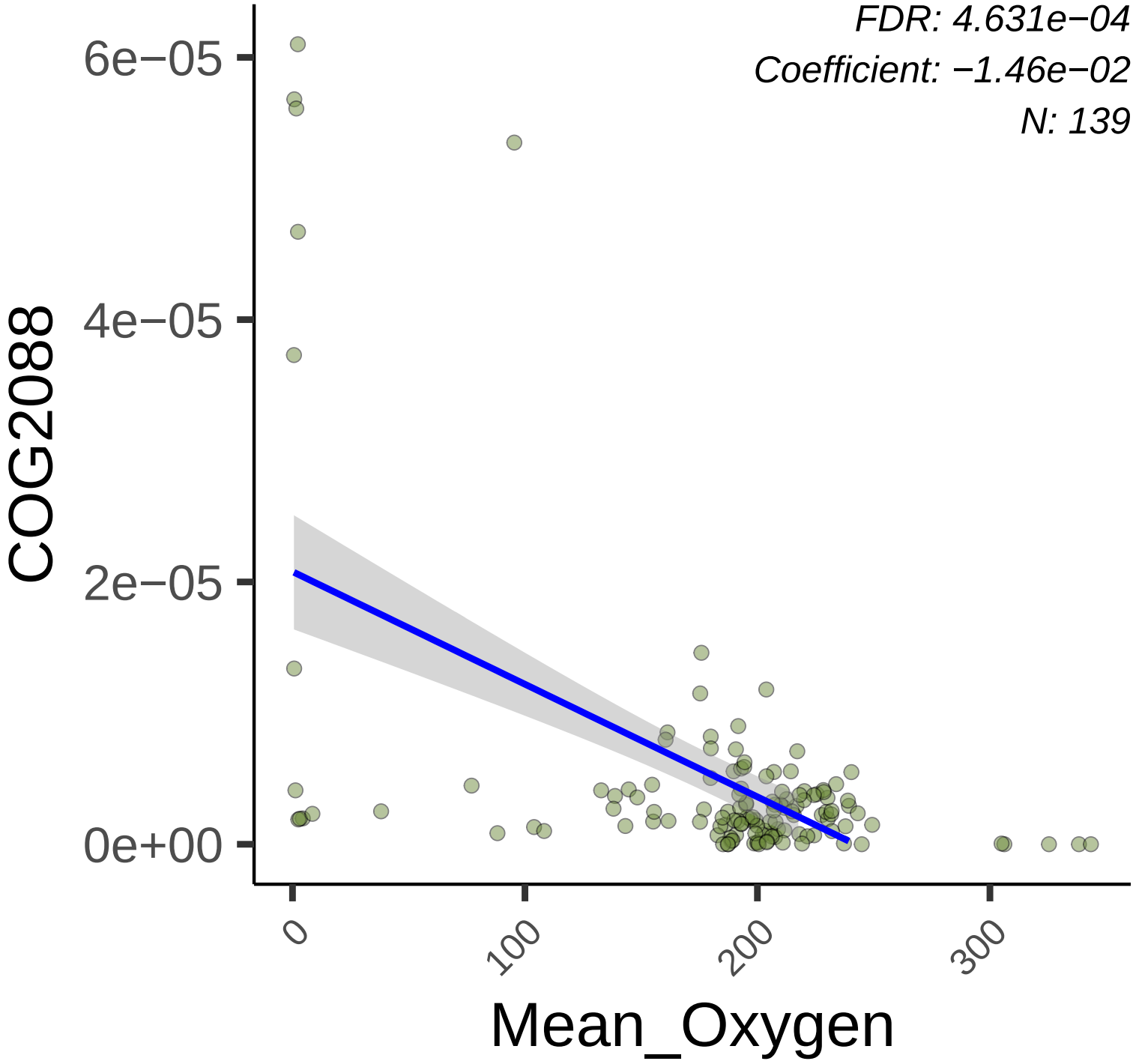
300
Mean_Oxygen


FDR: 4.631e−04
Coefficient: −1.46e−02
N: 139
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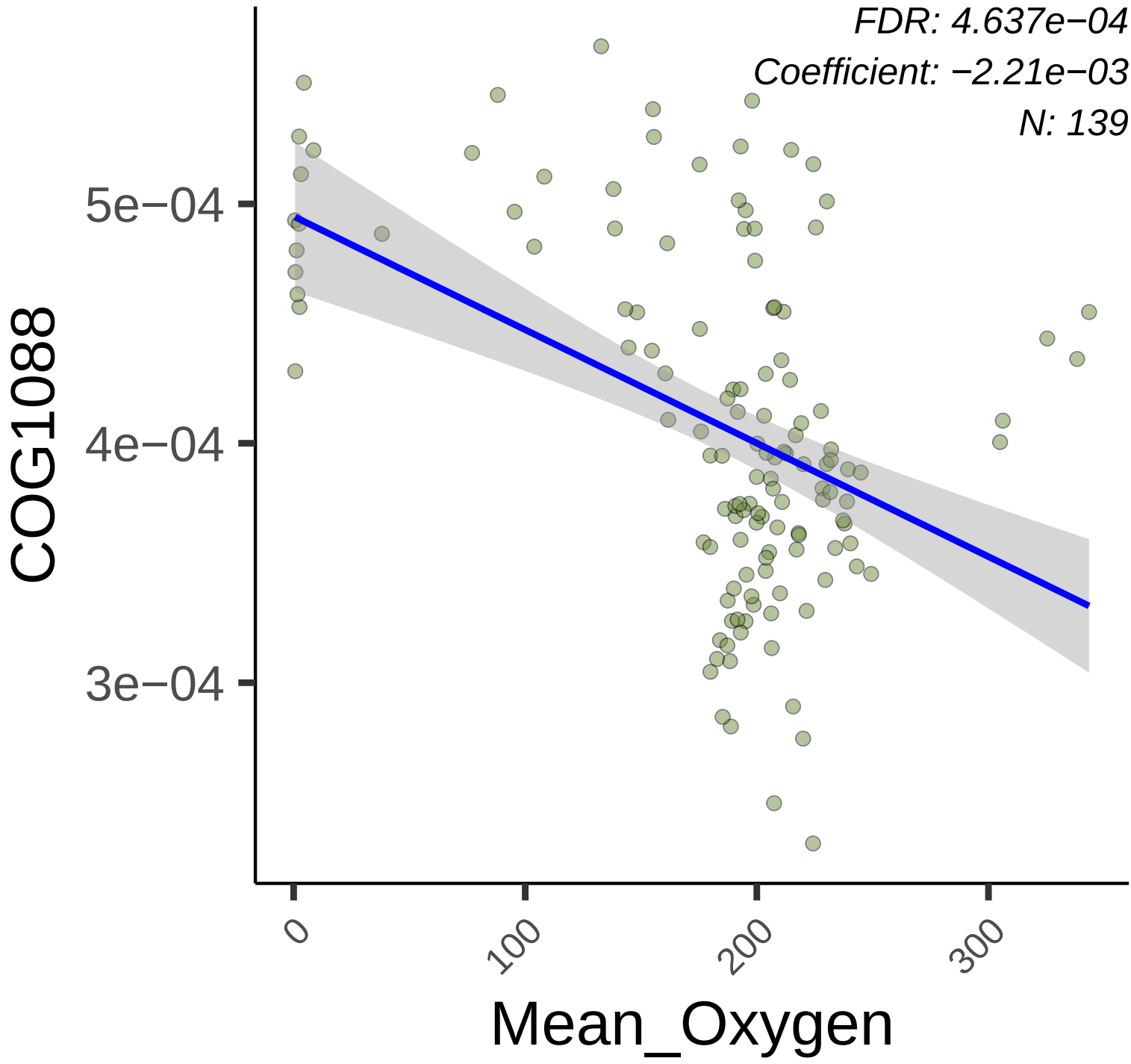
Mean_Oxygen


FDR: 4.637e−04
Coefficient: −2.21e−03
N: 139
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COG1088
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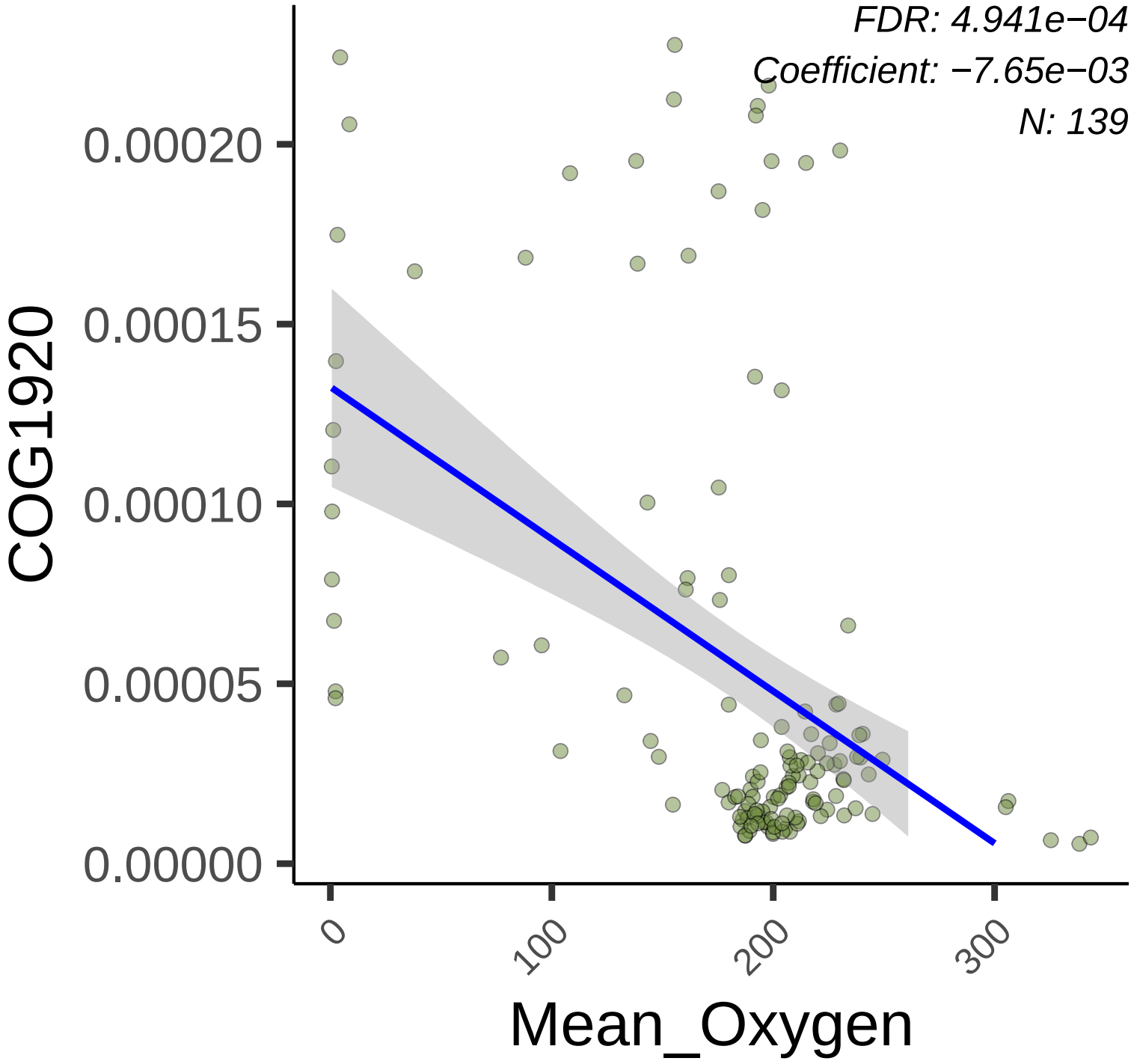
Mean_Oxygen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Coefficient: −7.65e−03
N: 139
COG1920
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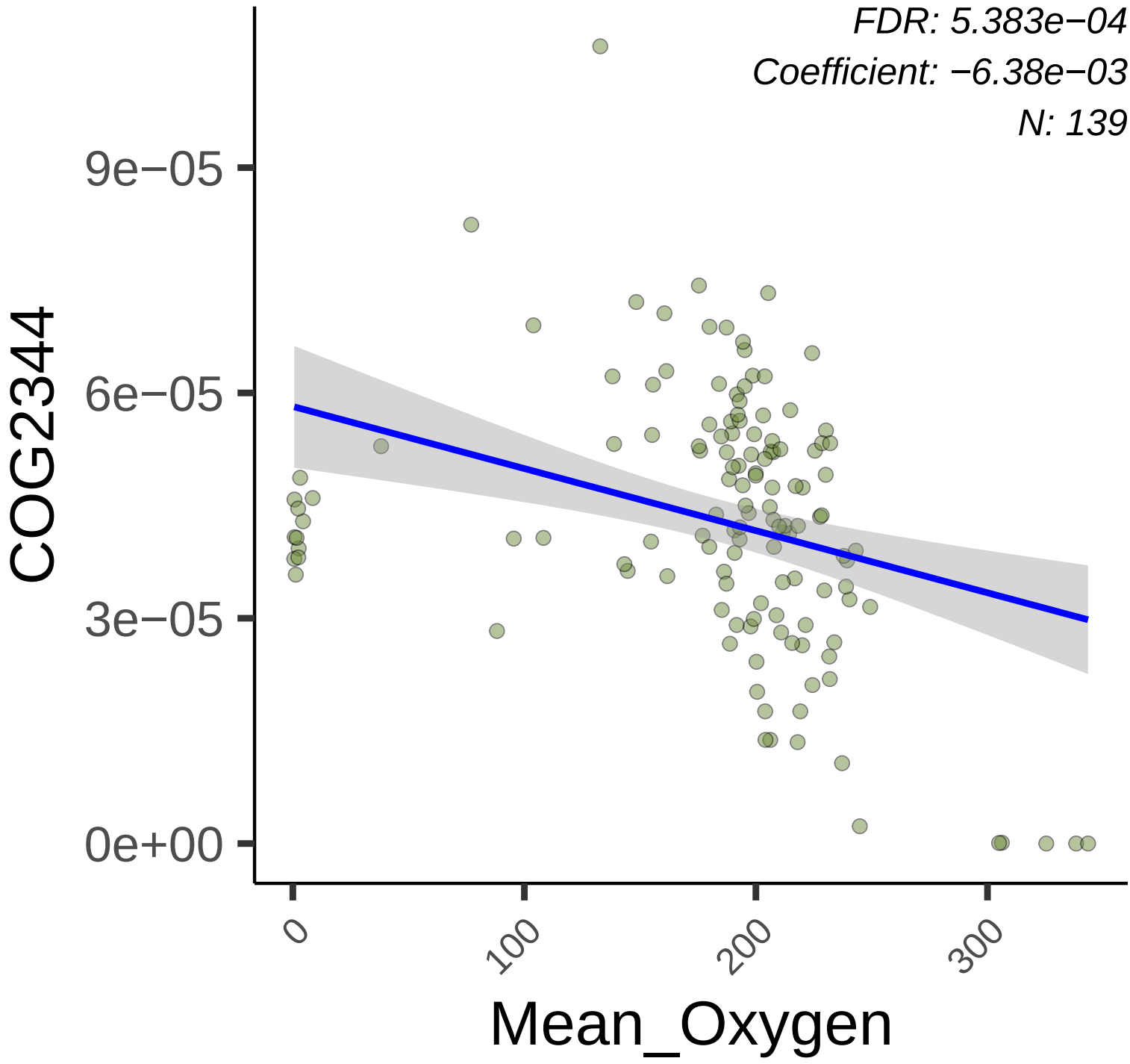
0.00010
0.00005
0.00000
0
100
200
300
Mean_Oxygen


FDR: 5.383e−04
Coefficient: −6.38e−03
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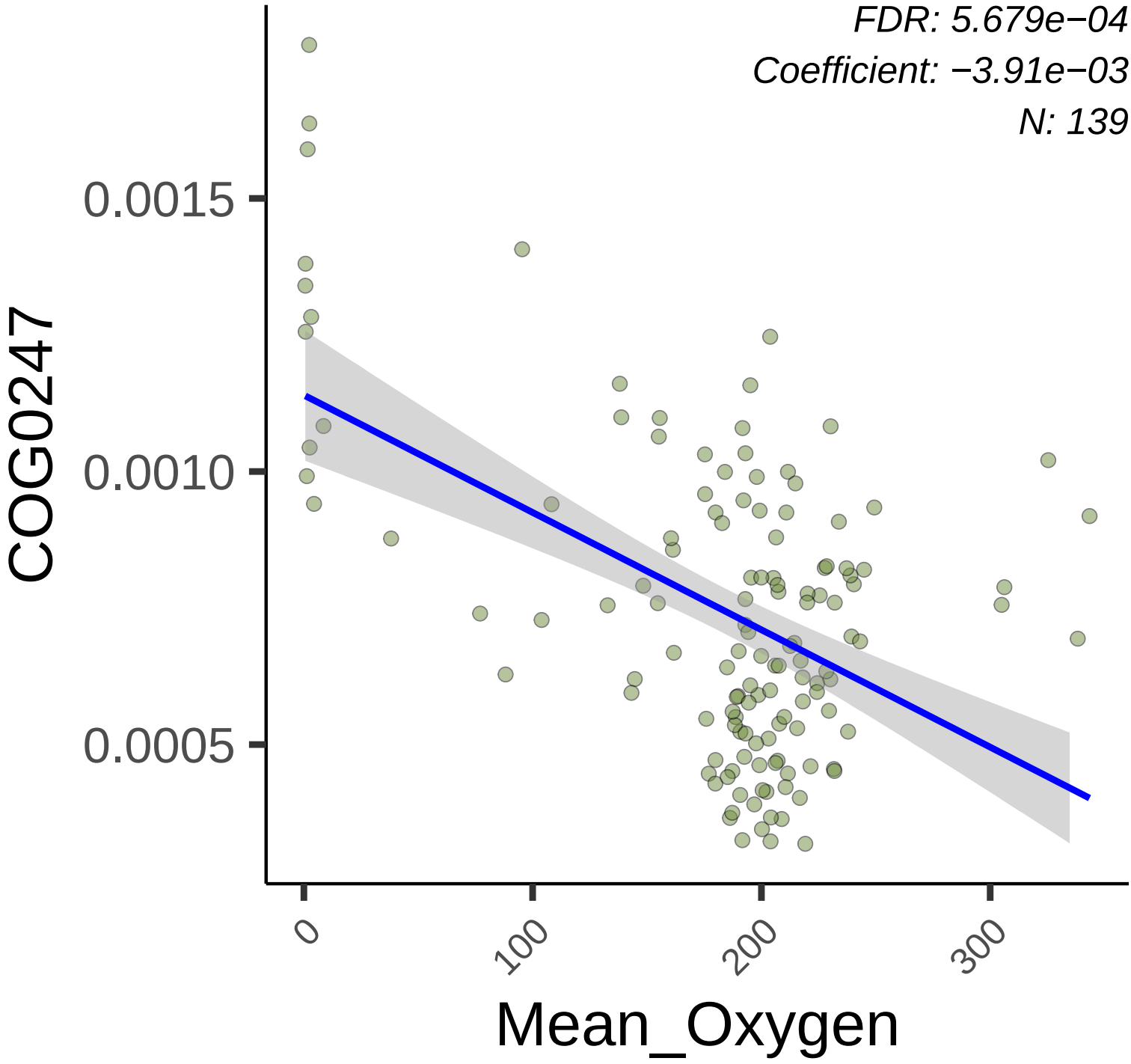
Mean_Oxygen


FDR: 5.679e−04
Coefficient: −3.91e−03
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COG0247
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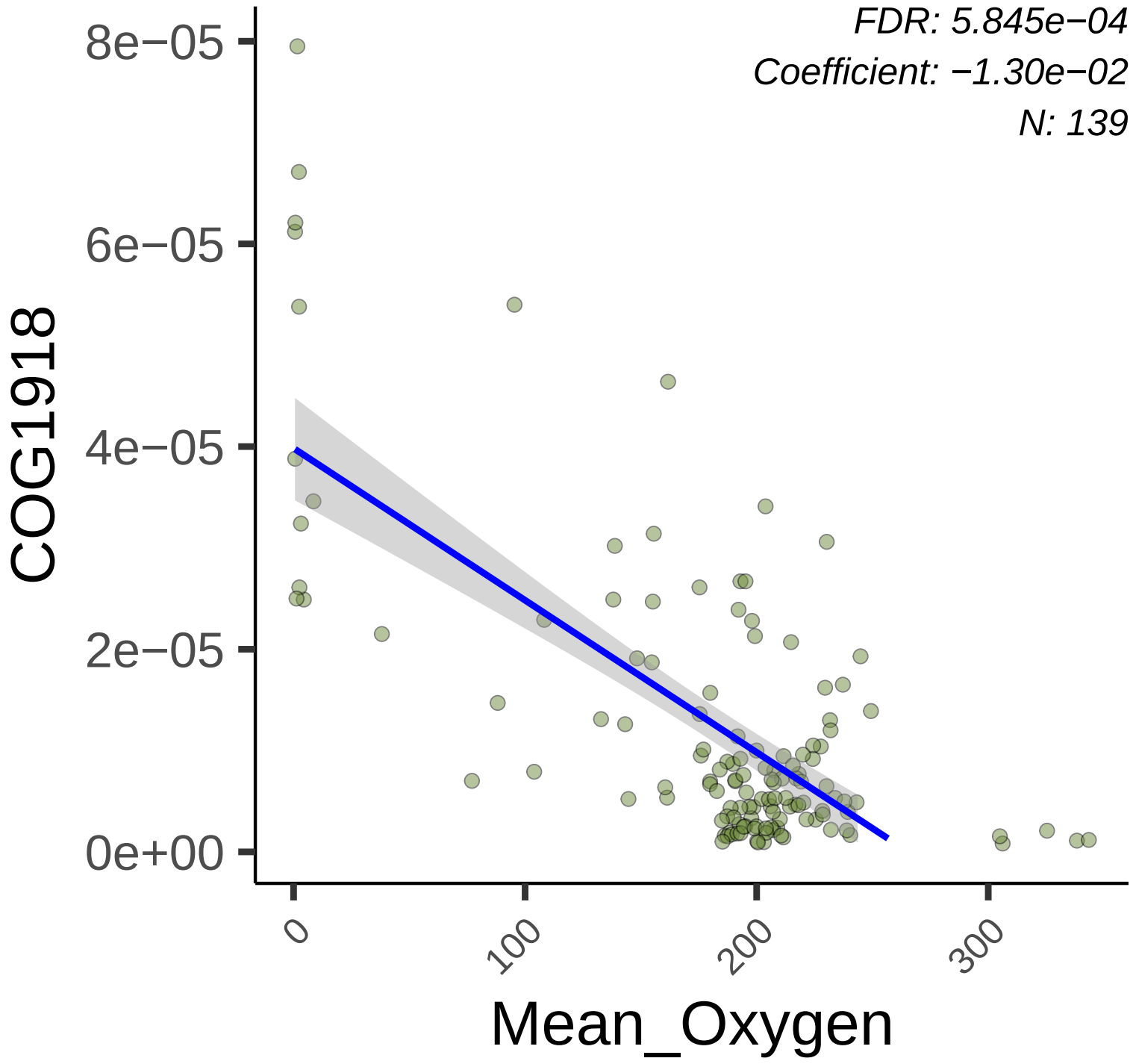
FDR: 5.845e−04
Coefficient: −1.30e−02
N: 139
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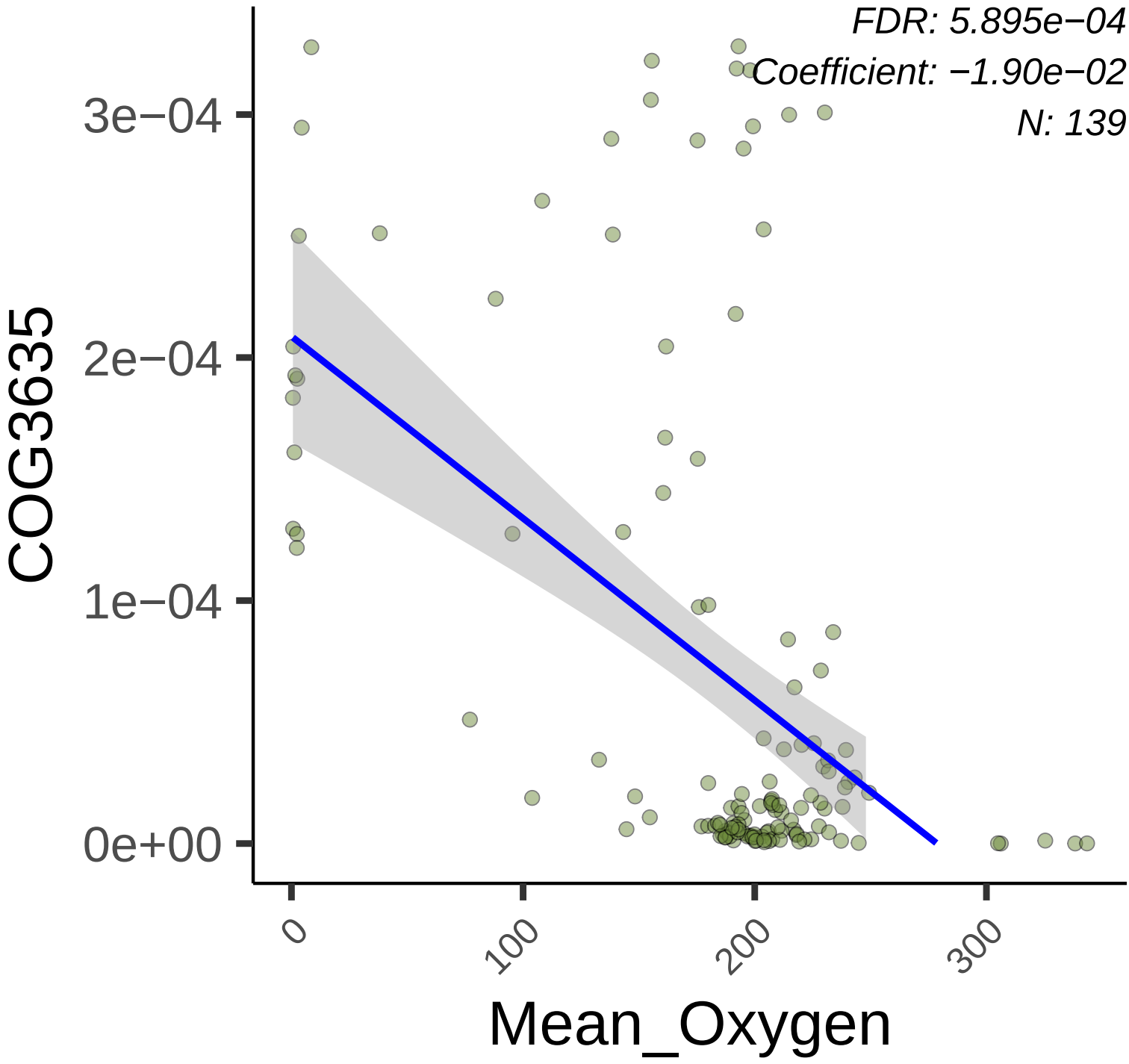
Mean_Oxygen


FDR: 5.895e−04
Coefficient: −1.90e−02
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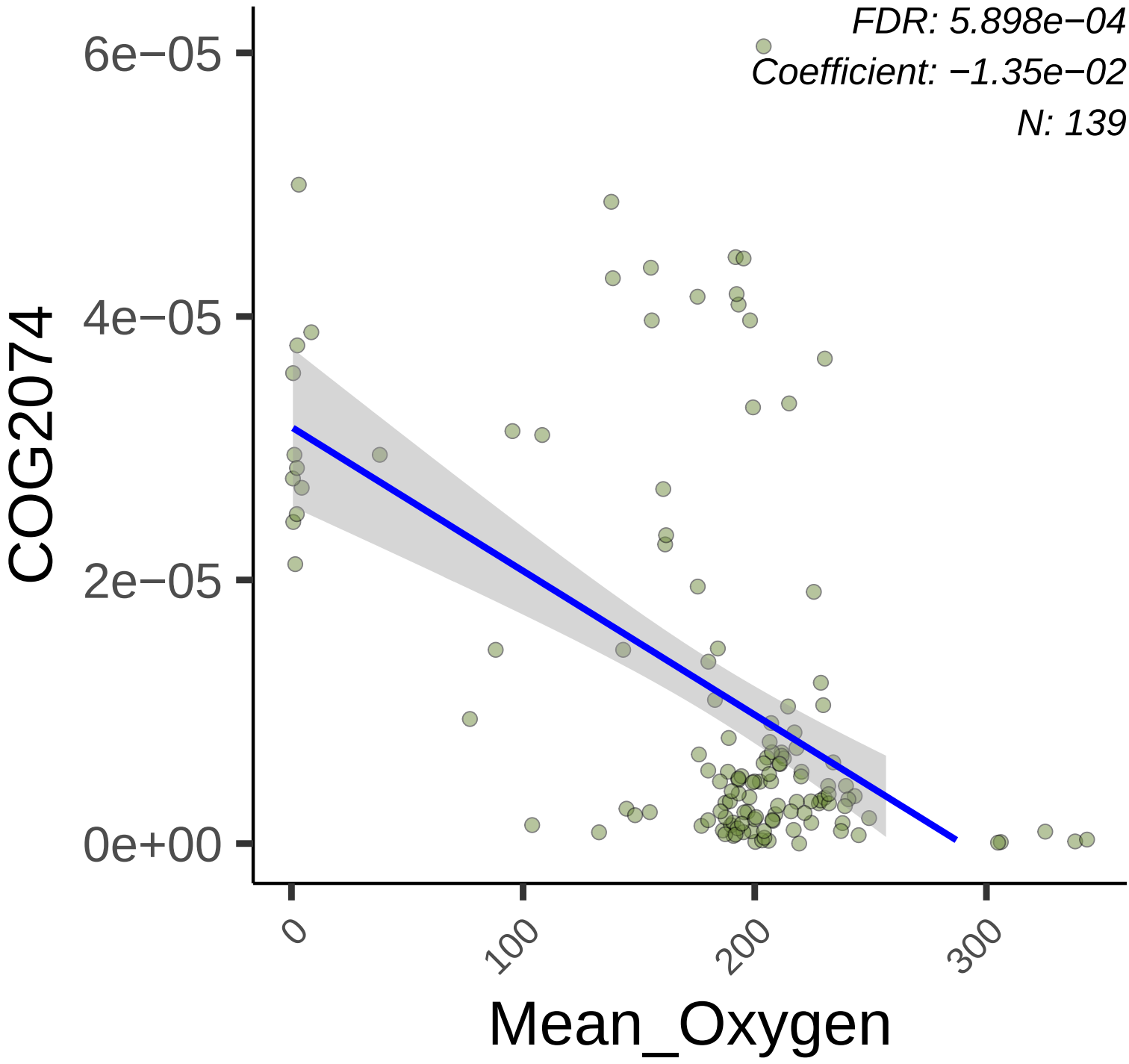
Mean_Oxygen


FDR: 5.898e−04
Coefficient: −1.35e−02
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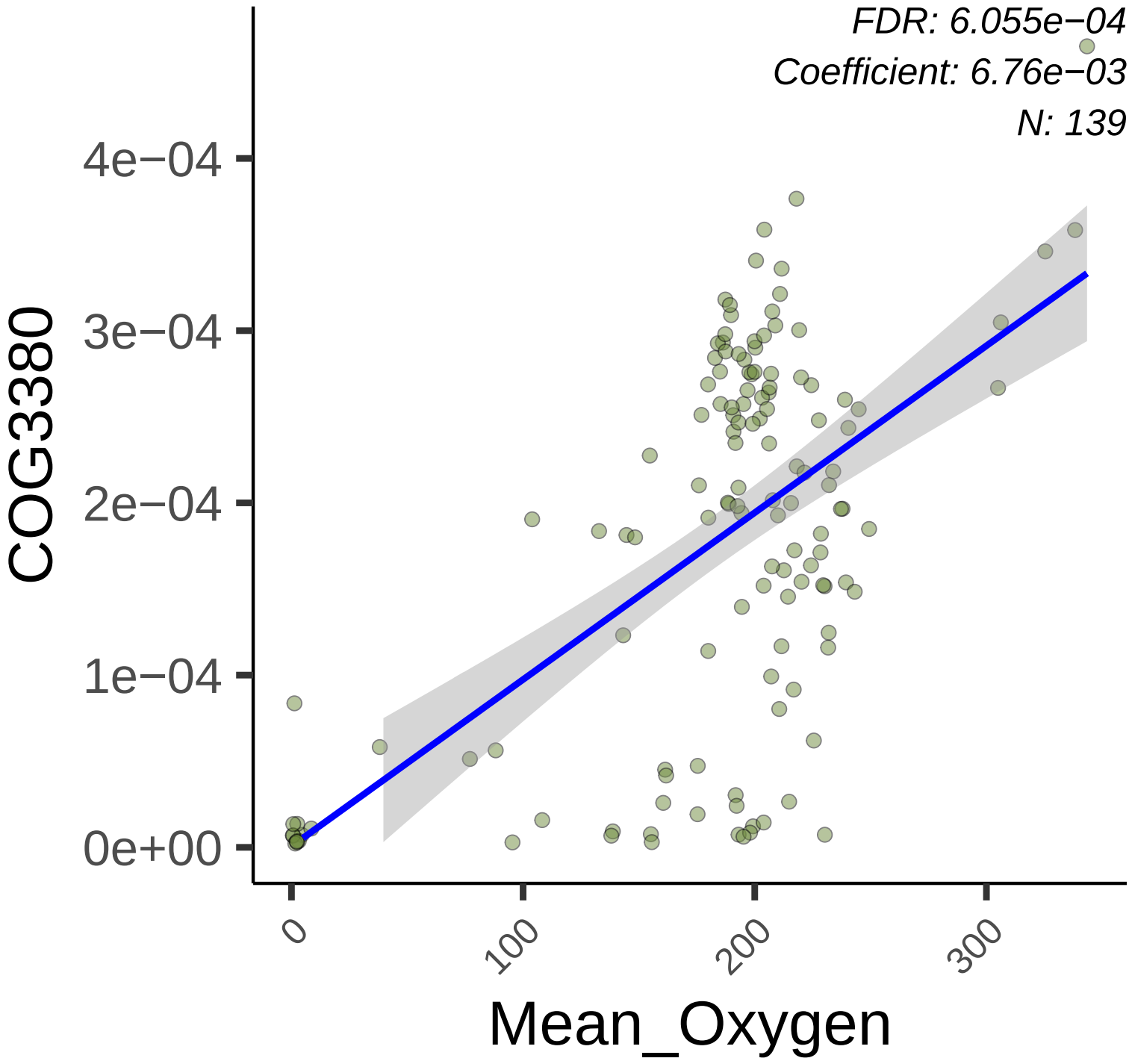
Mean_Oxygen


FDR: 6.055e−04
Coefficient: 6.76e−03
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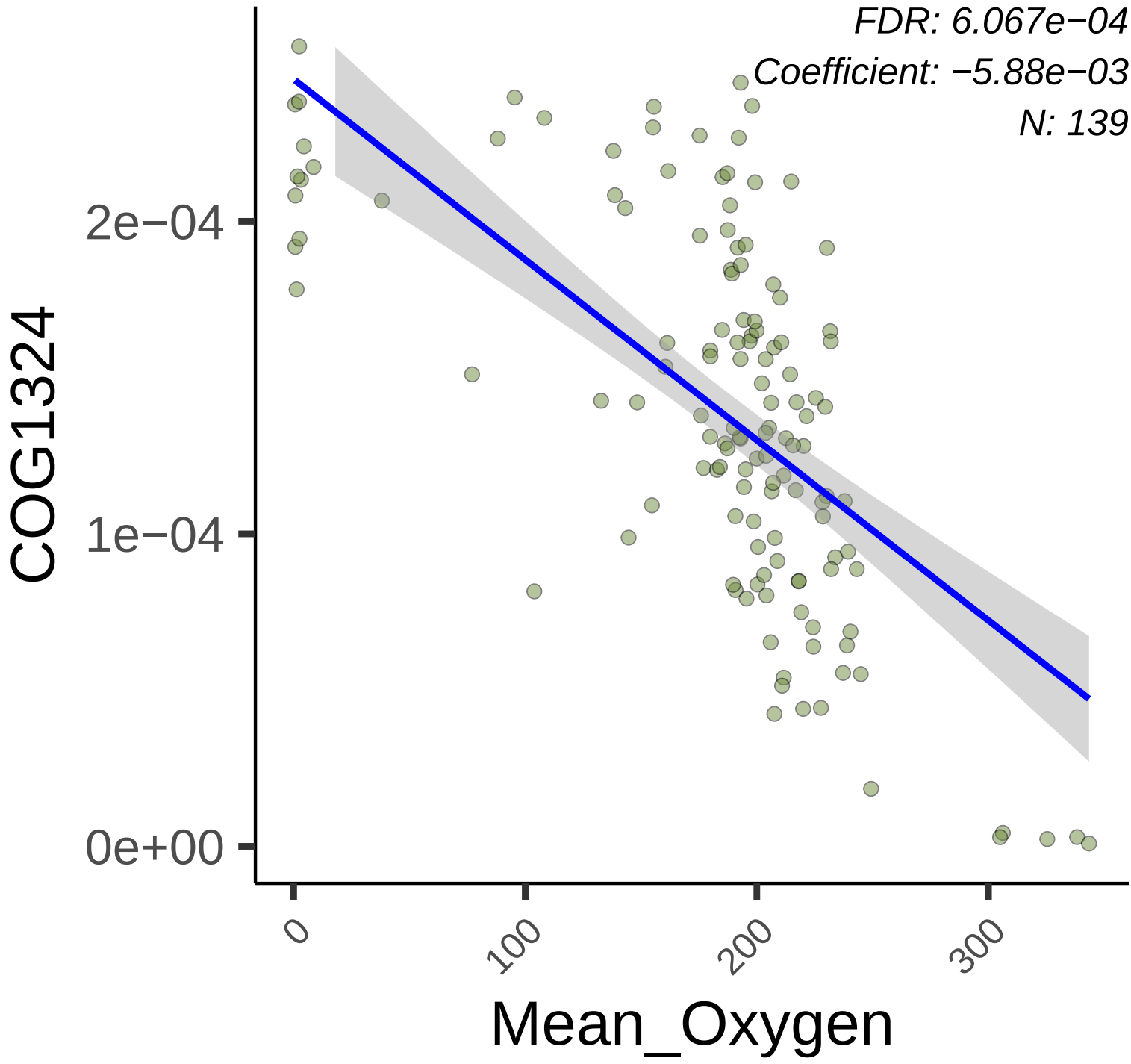
Mean_Oxygen


FDR: 6.067e−04
Coefficient: −5.88e−03
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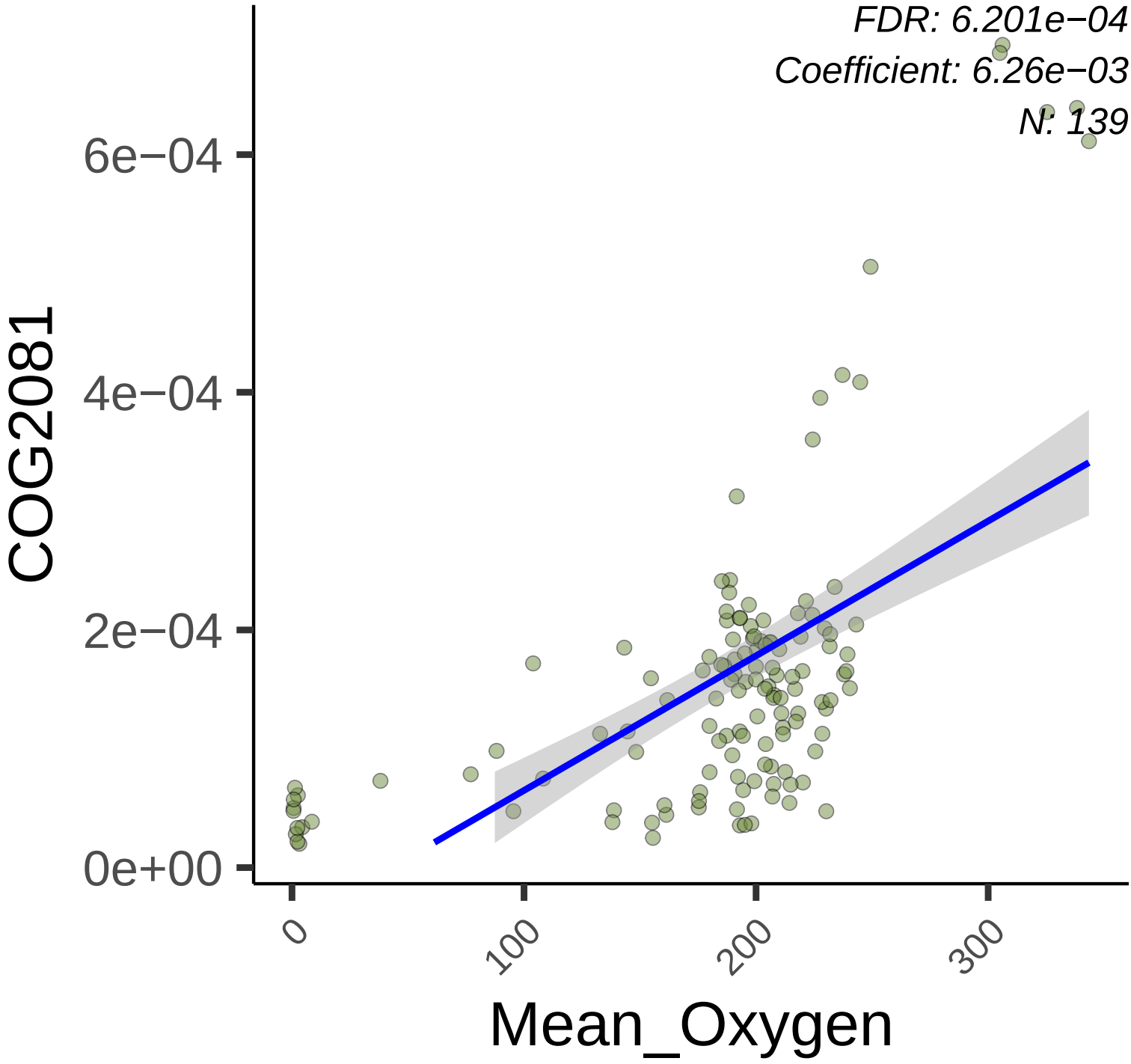
Mean_Oxygen


FDR: 6.201e−04
Coefficient: 6.26e−03
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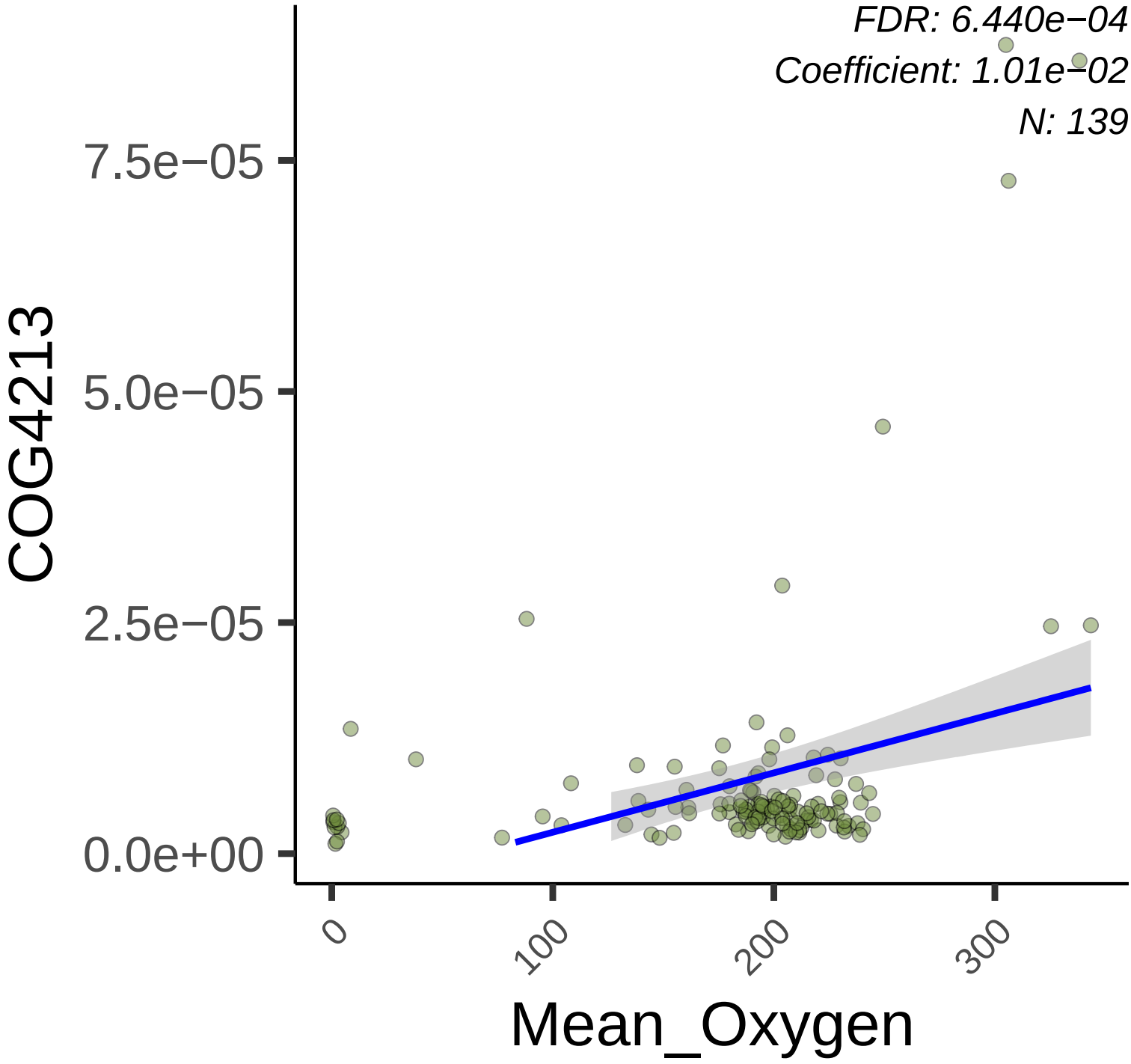
Mean_Oxygen


FDR: 6.440e−04
Coefficient: 1.01e−02
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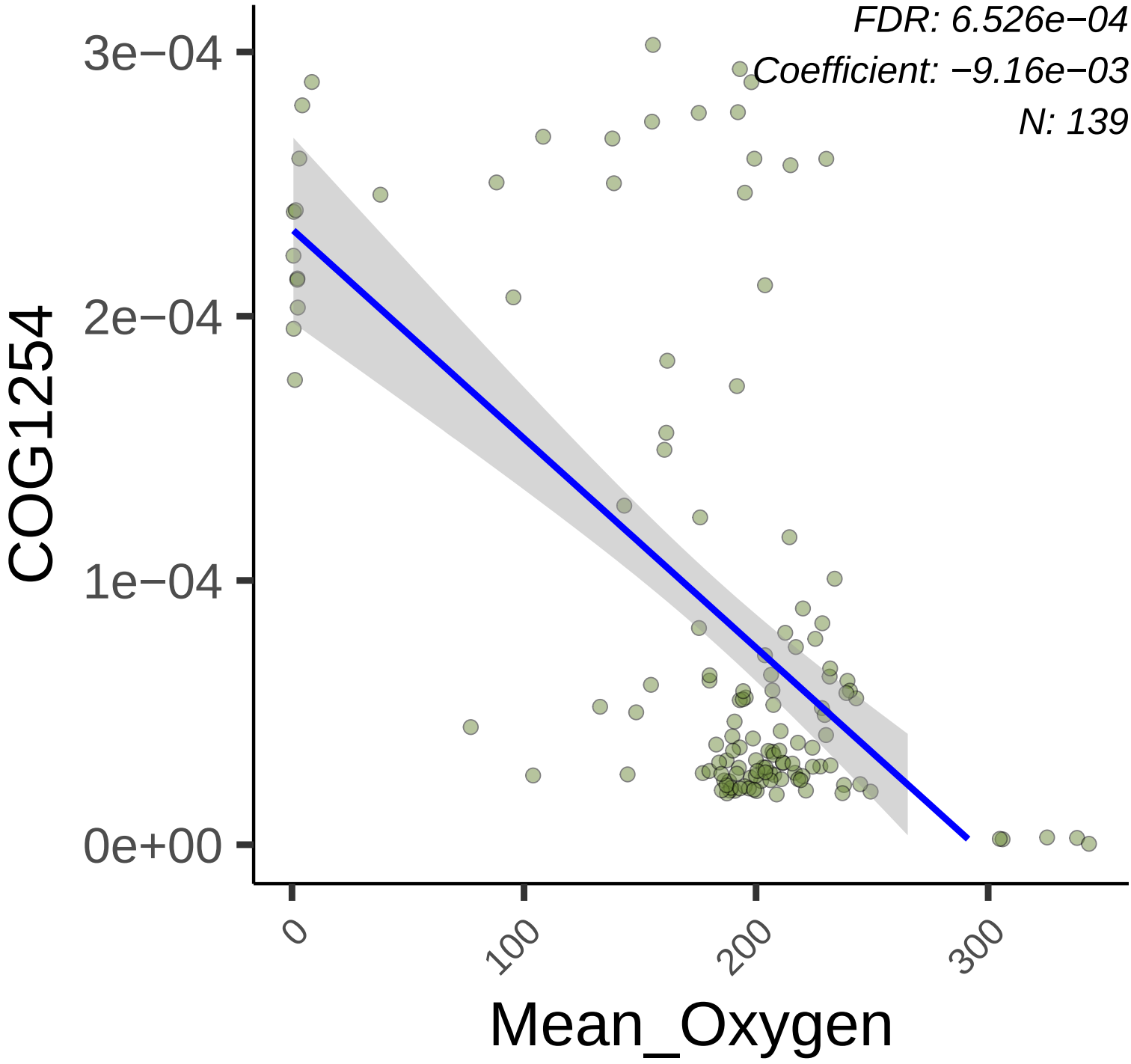
300
Mean_Oxygen


FDR: 6.526e−04
Coefficient: −9.16e−03
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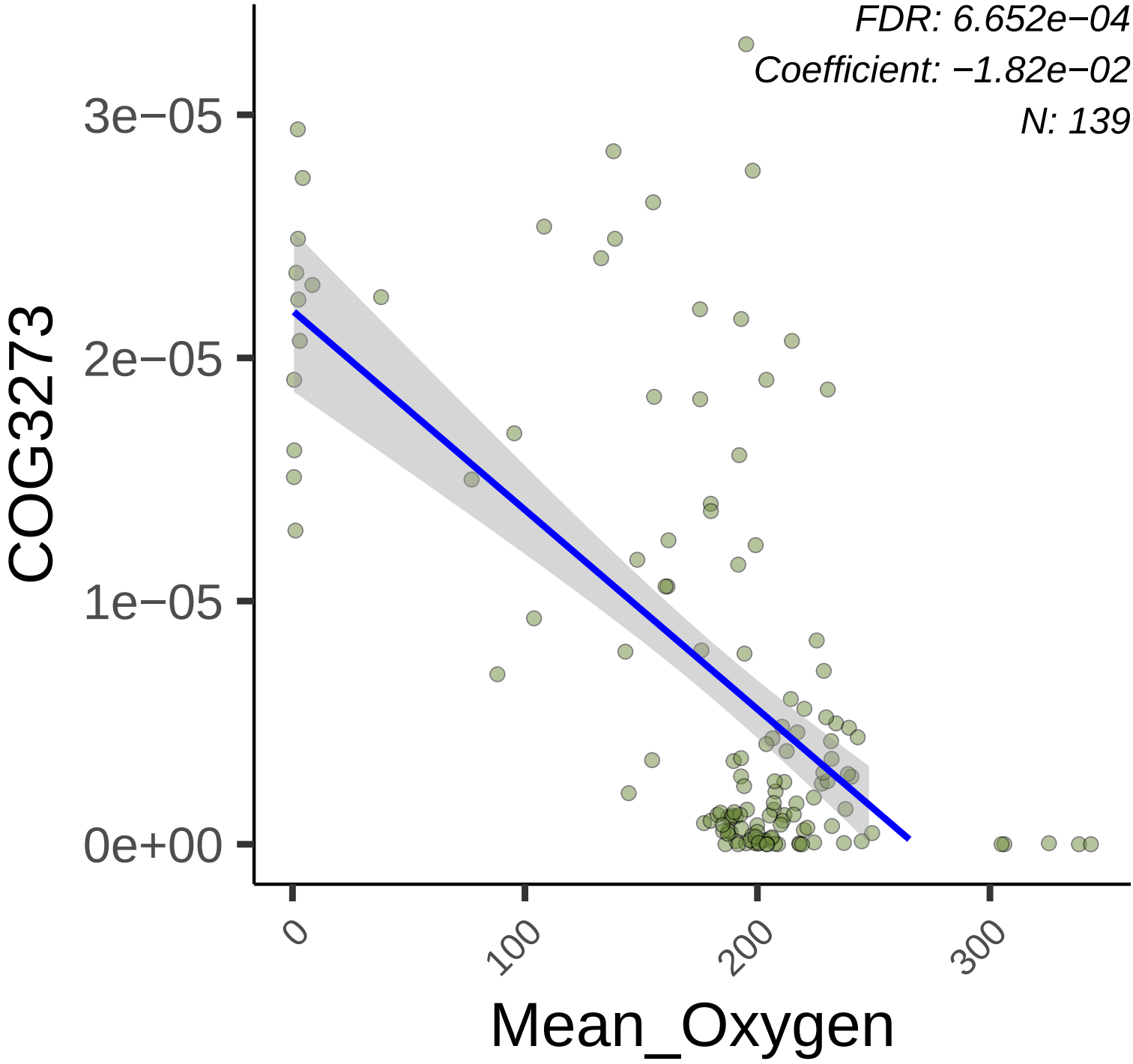
Mean_Oxygen


FDR: 6.652e−04
Coefficient: −1.82e−02
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0e+00
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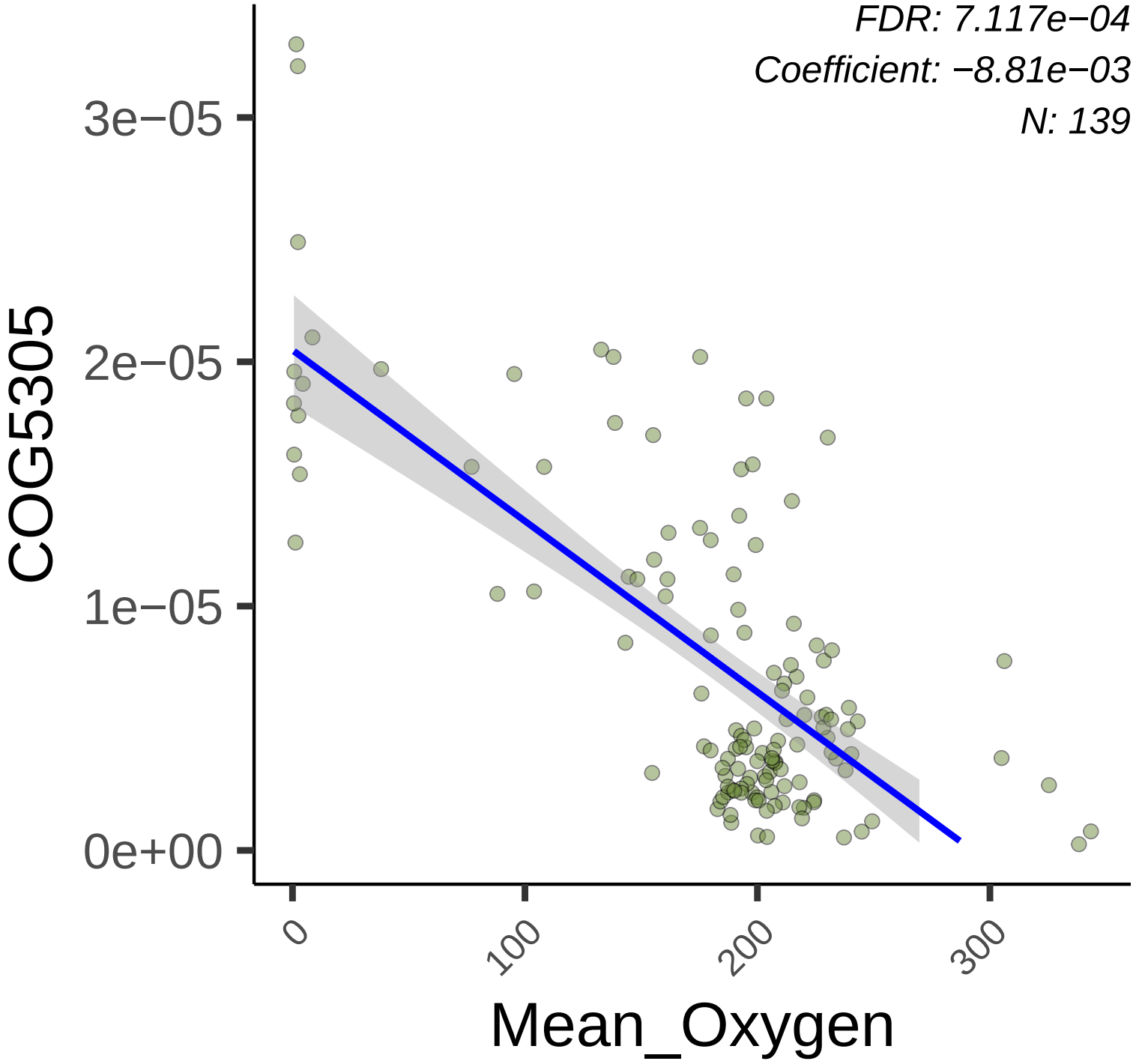
200
300
Mean_Oxygen


FDR: 7.117e−04
Coefficient: −8.81e−03
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COG5305
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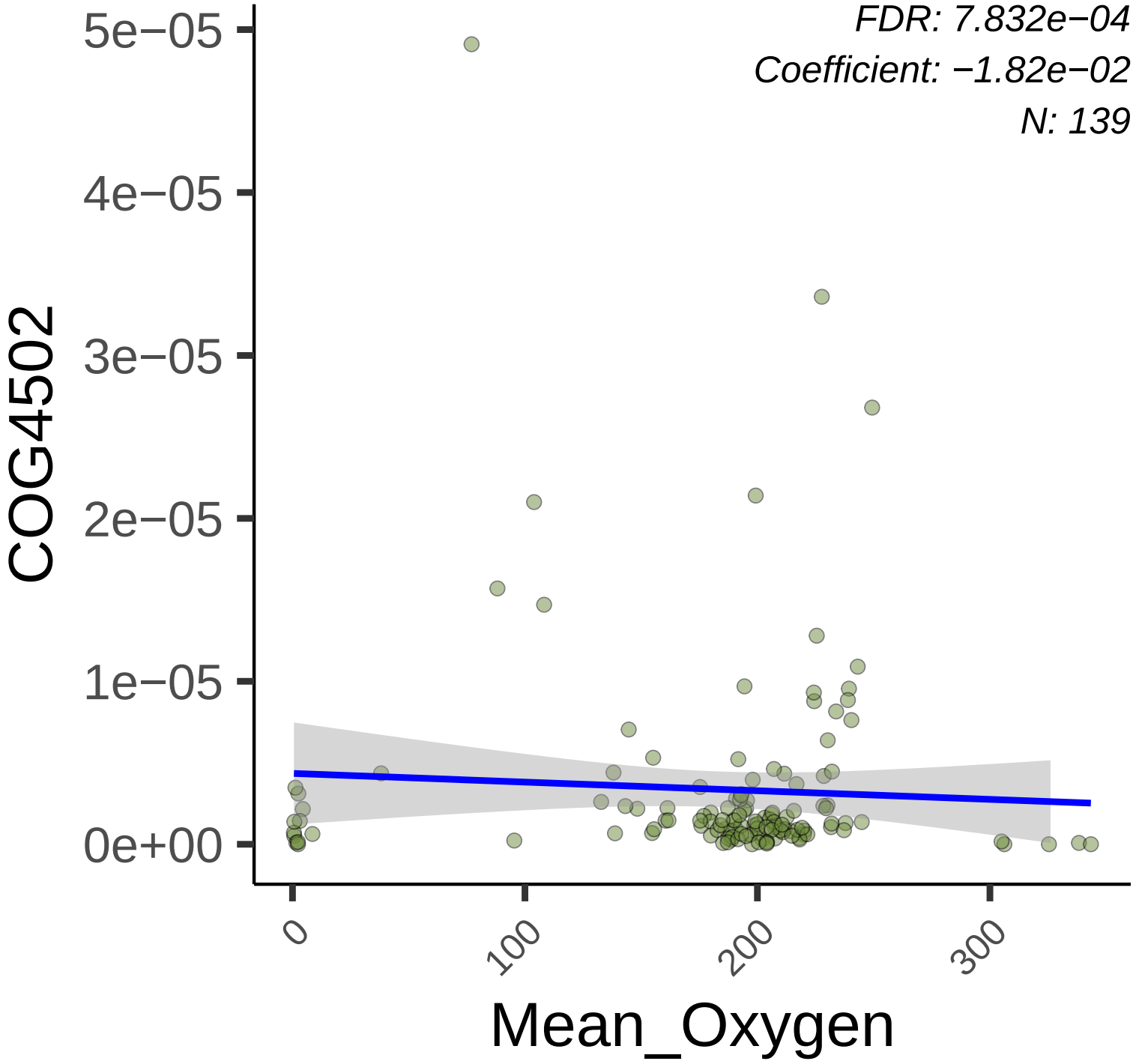
300
Mean_Oxygen


FDR: 7.832e−04
Coefficient: −1.82e−02
N: 139
COG4502
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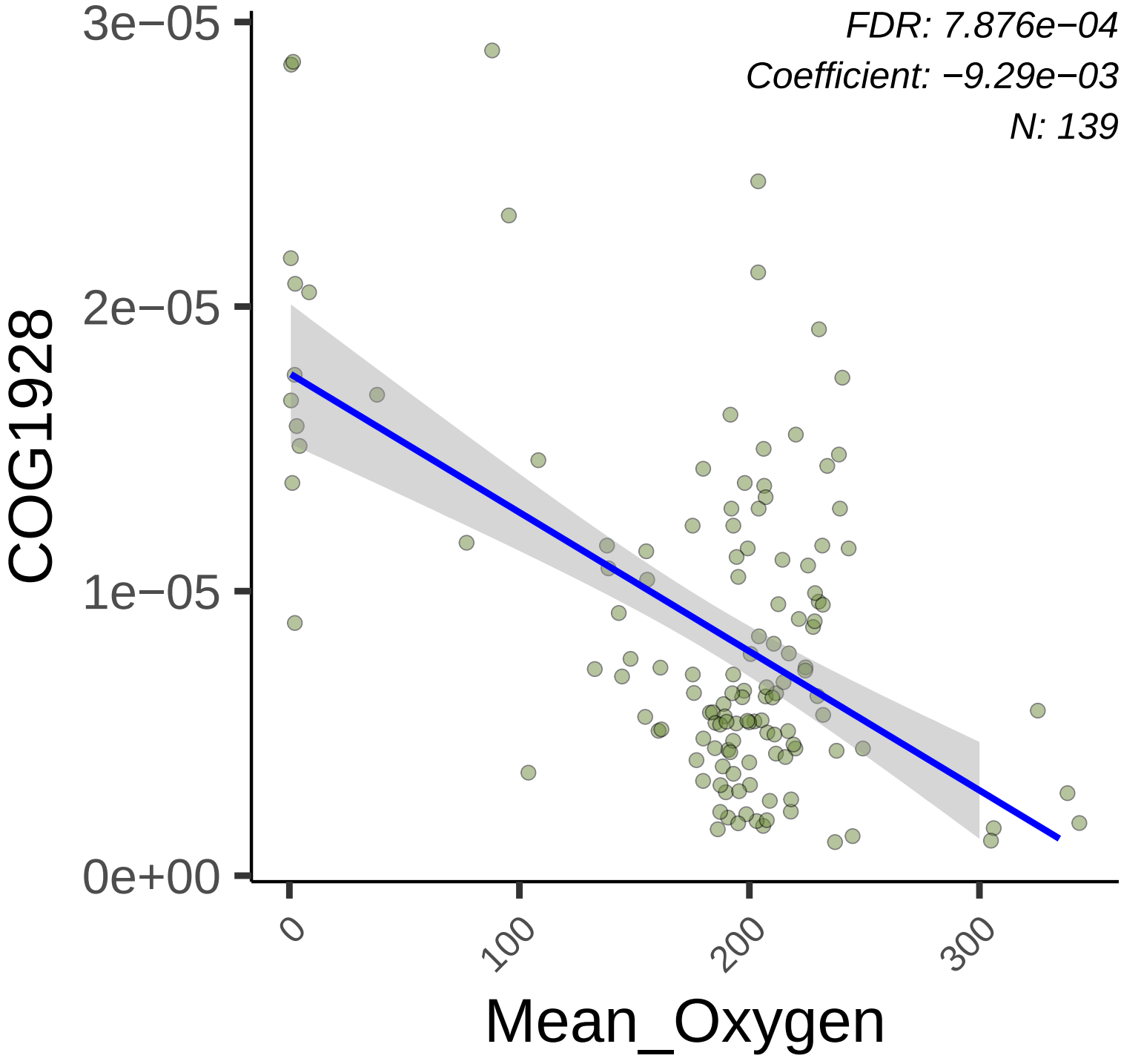
Mean_Oxygen


FDR: 7.876e−04
Coefficient: −9.29e−03
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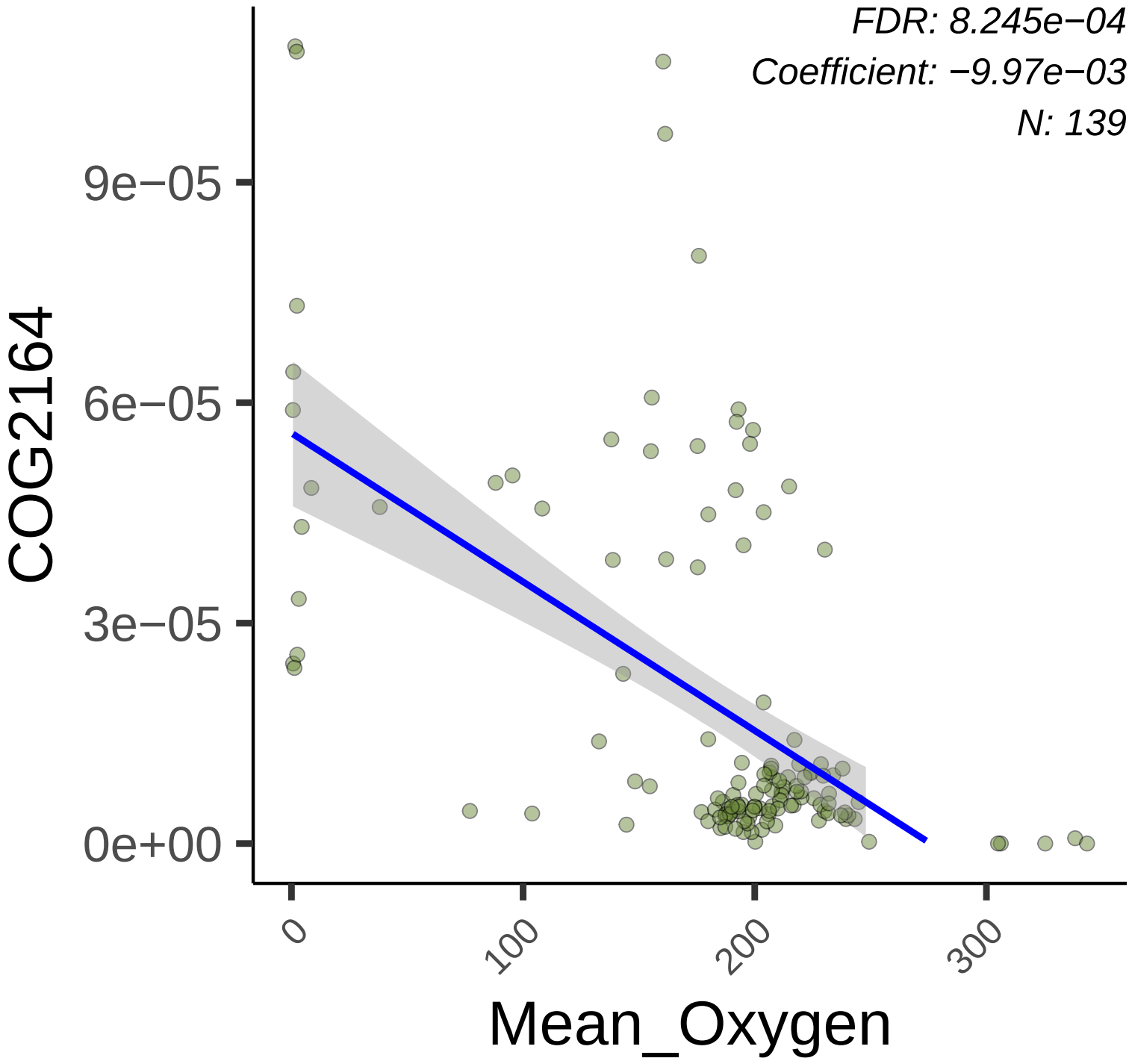
200
300
Mean_Oxygen


FDR: 8.245e−04
Coefficient: −9.97e−03
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COG2164
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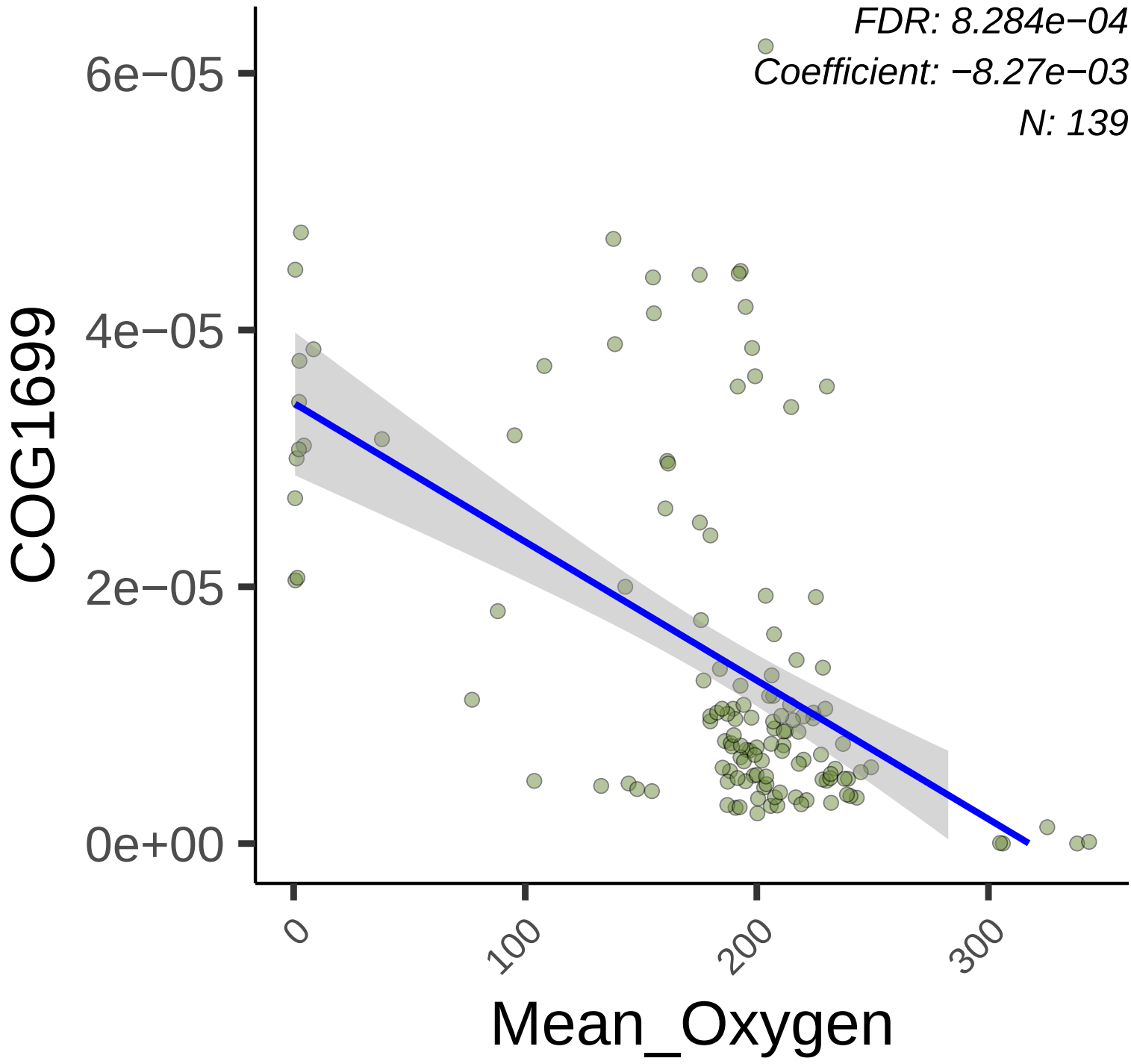
Mean_Oxygen


FDR: 8.284e−04
Coefficient: −8.27e−03
N: 139
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4e−05
2e−05
0e+00
COG1699
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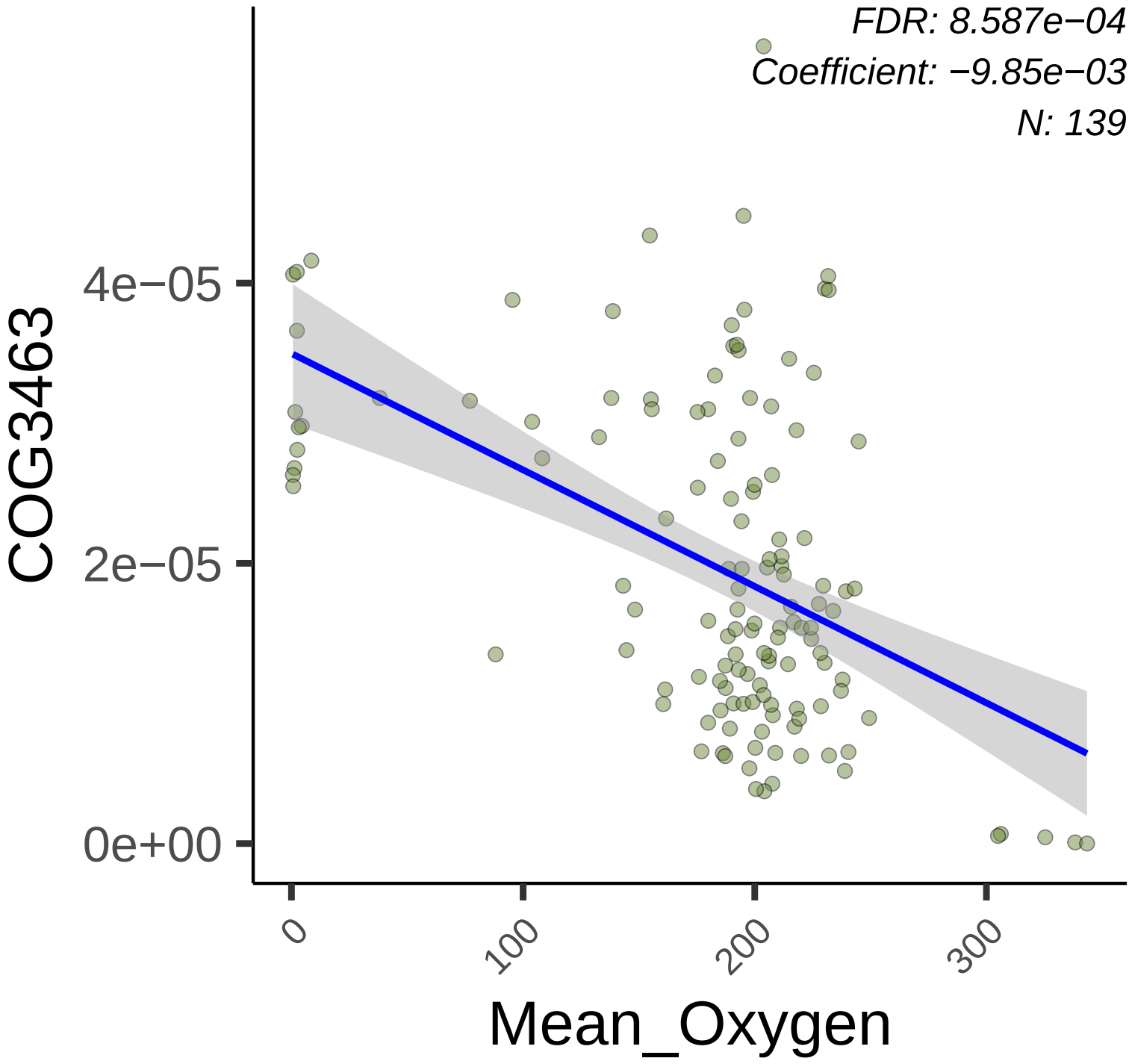
200
300
Mean_Oxygen


FDR: 8.587e−04
Coefficient: −9.85e−03
N: 139
COG3463
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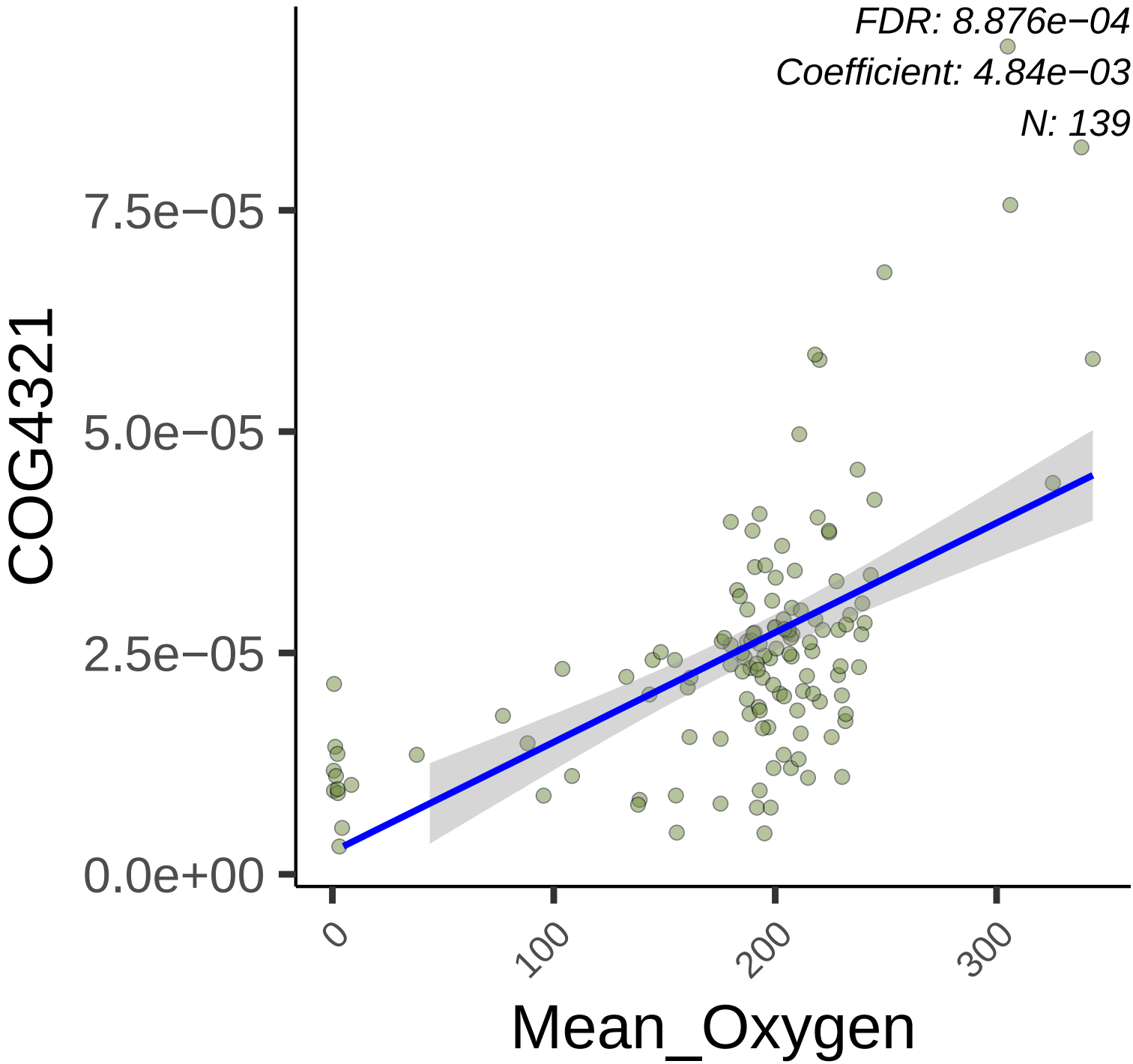
200
300
Mean_Oxygen


FDR: 8.876e−04
Coefficient: 4.84e−03
N: 139
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COG4321
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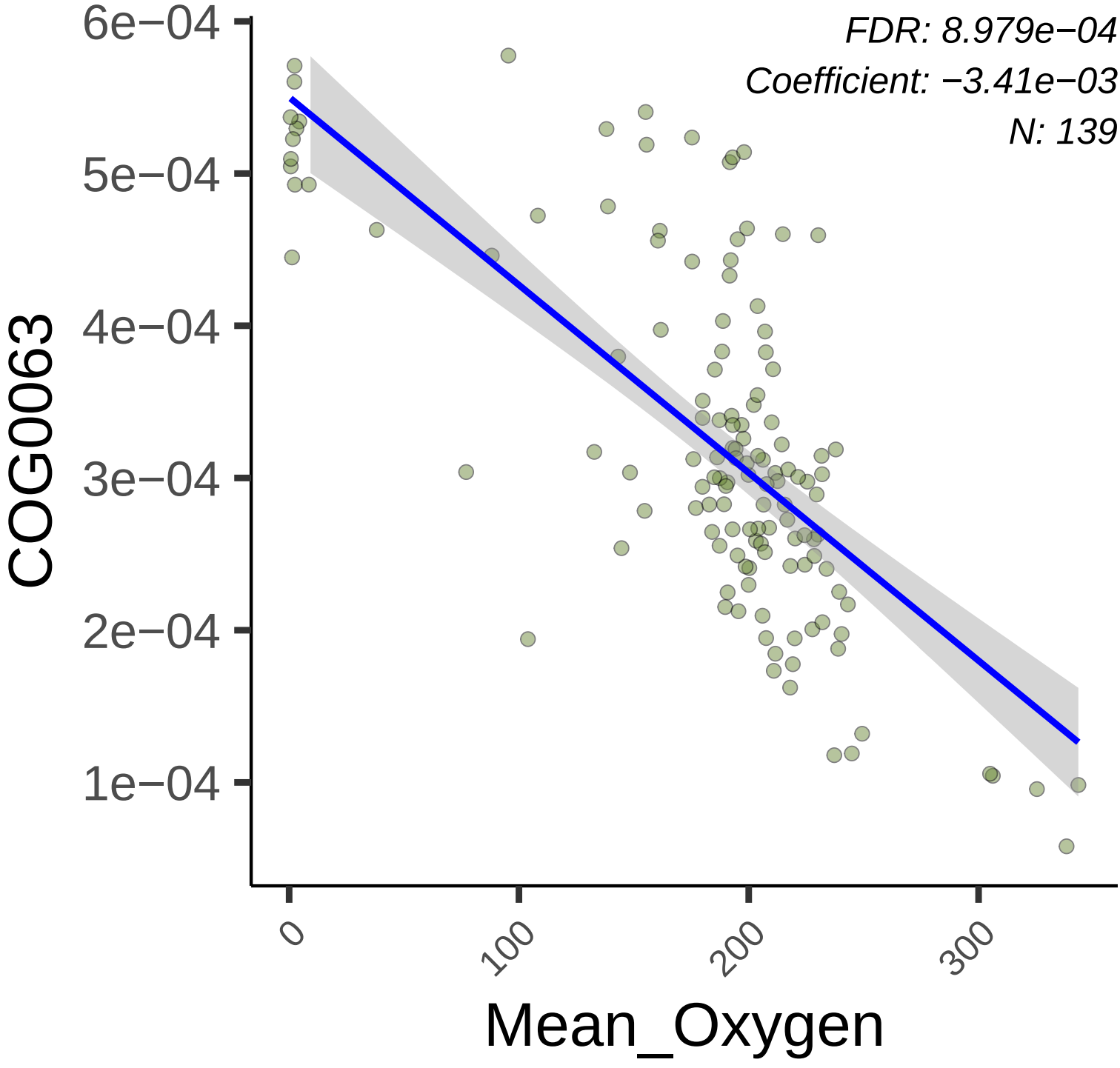
300
Mean_Oxygen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Coefficient: −3.41e−03
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COG0063
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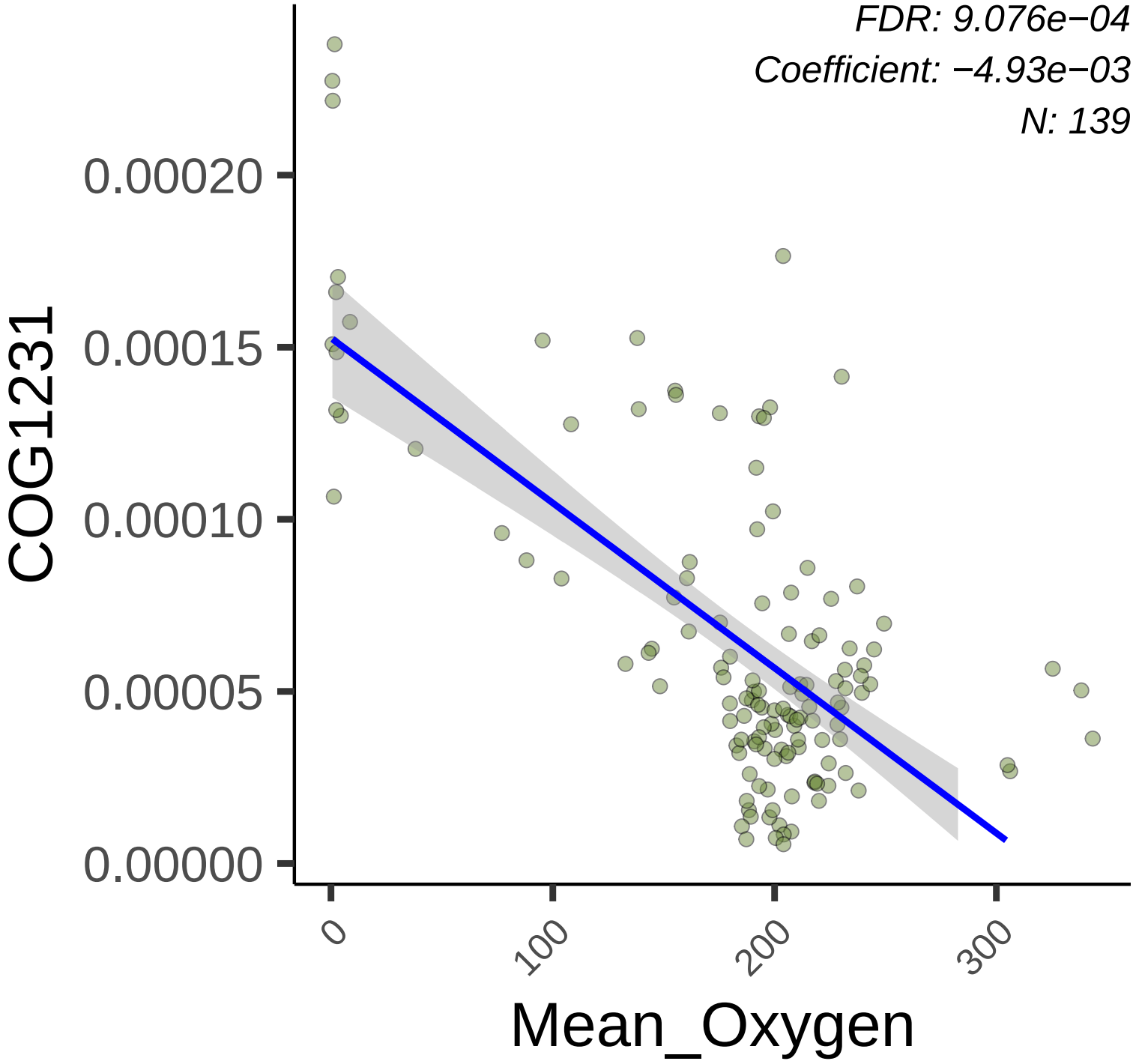
200
300
Mean_Oxygen


FDR: 9.076e−04
Coefficient: −4.93e−03
N: 139
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0.00000
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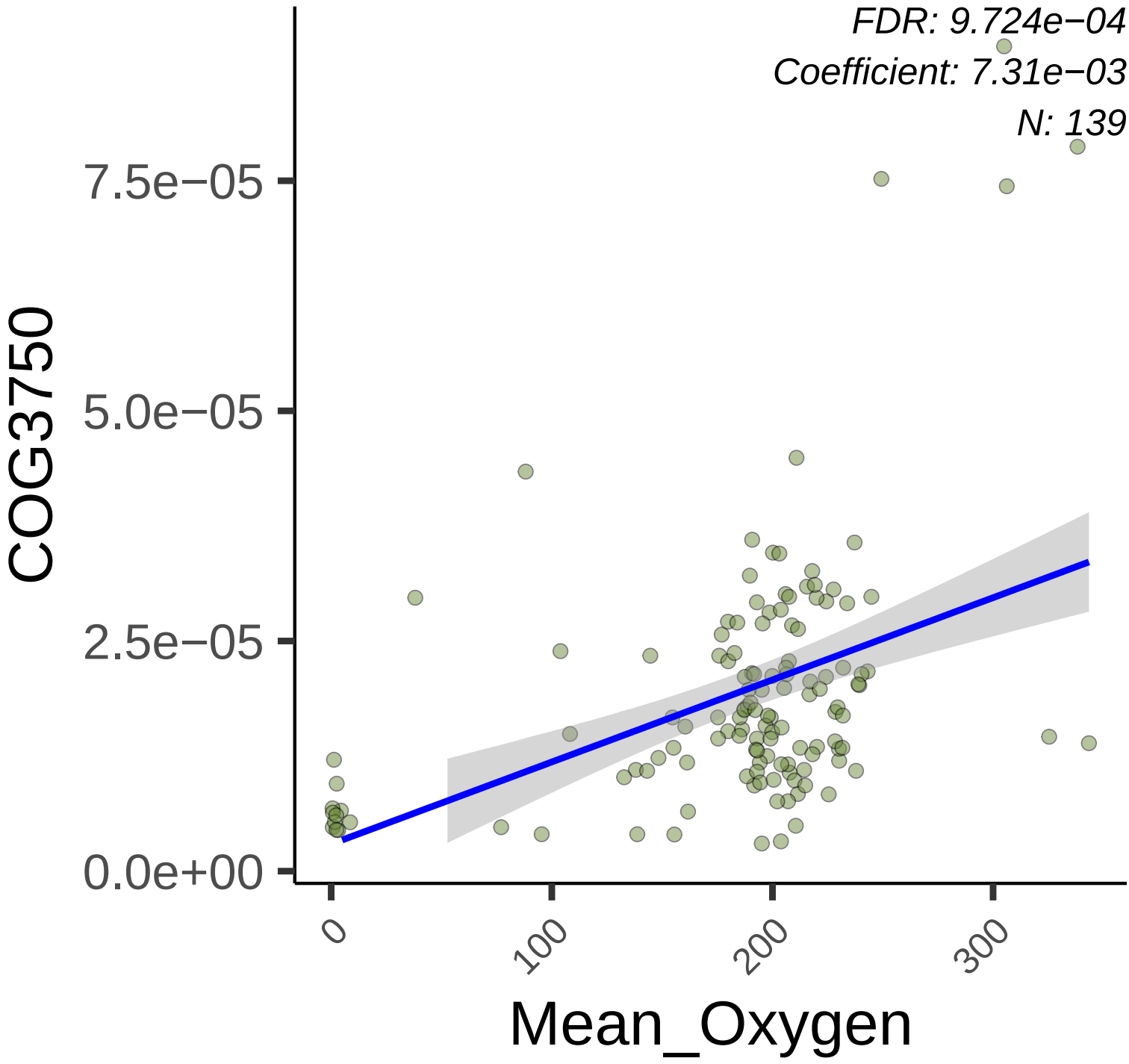
200
300
Mean_Oxygen


FDR: 9.724e−04
Coefficient: 7.31e−03
N: 139
COG3750
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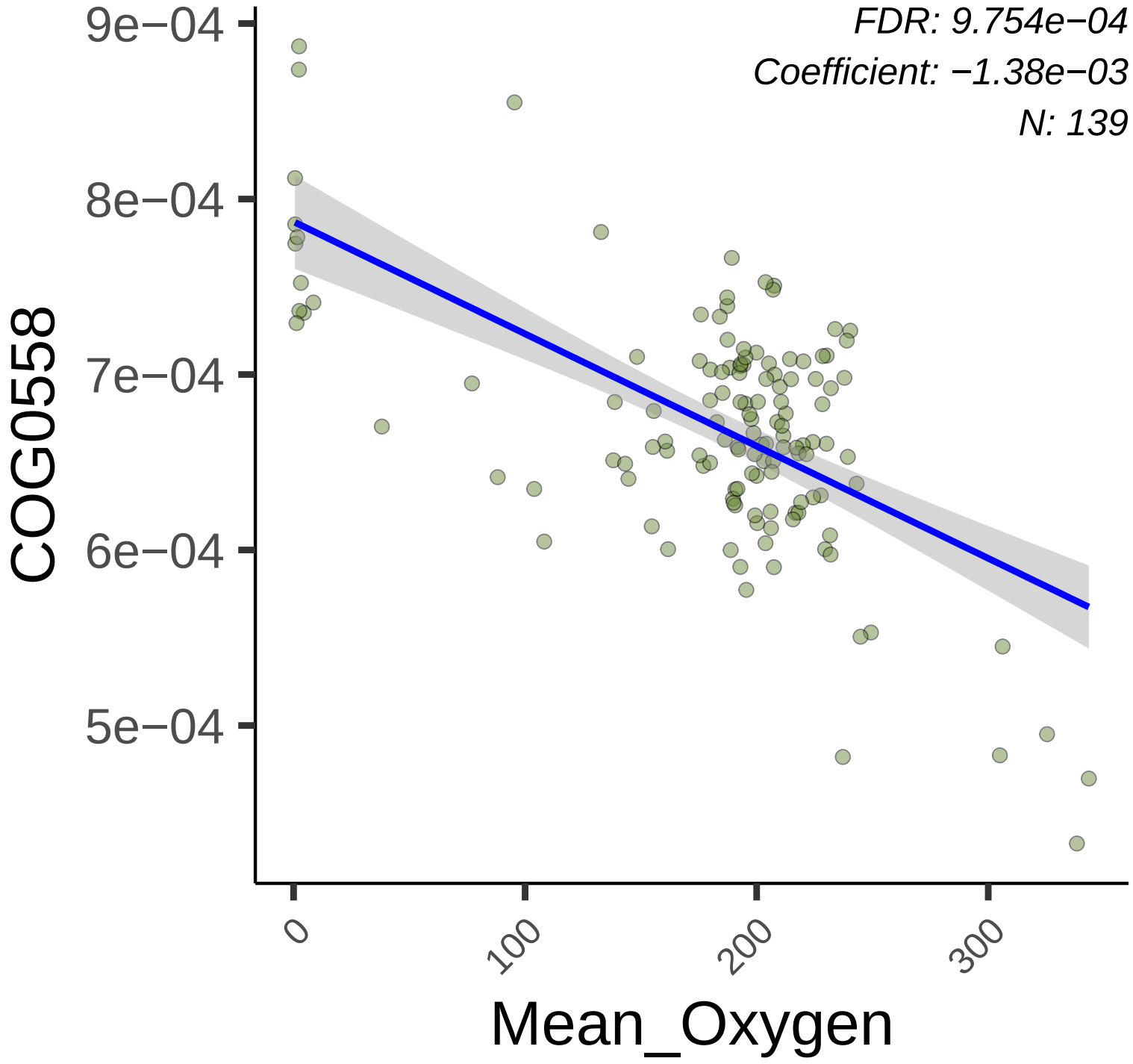
200
300
Mean_Oxygen


FDR: 9.754e−04
Coefficient: −1.38e−03
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COG0558
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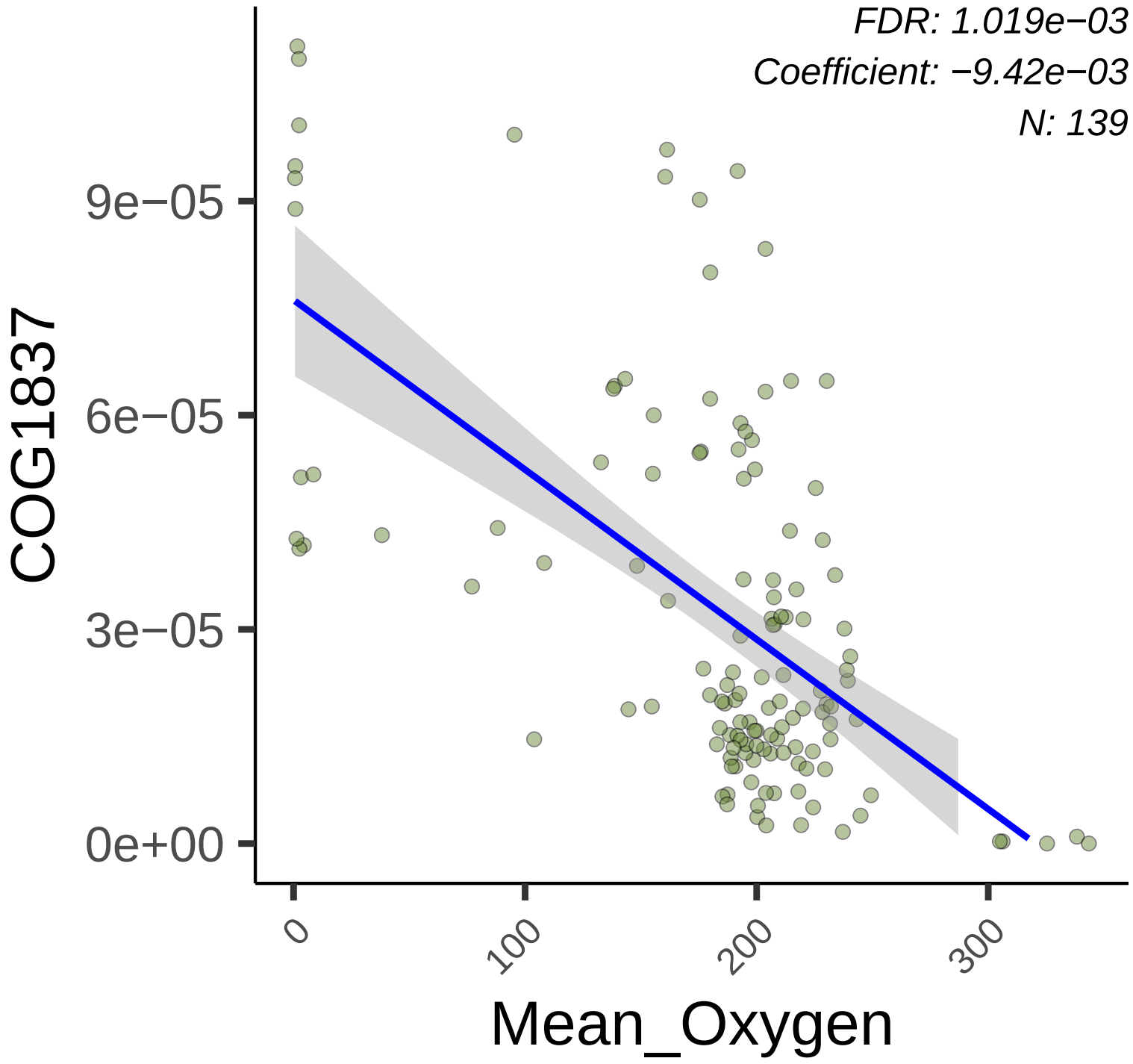
300
Mean_Oxygen


FDR: 1.019e−03
Coefficient: −9.42e−03
N: 139
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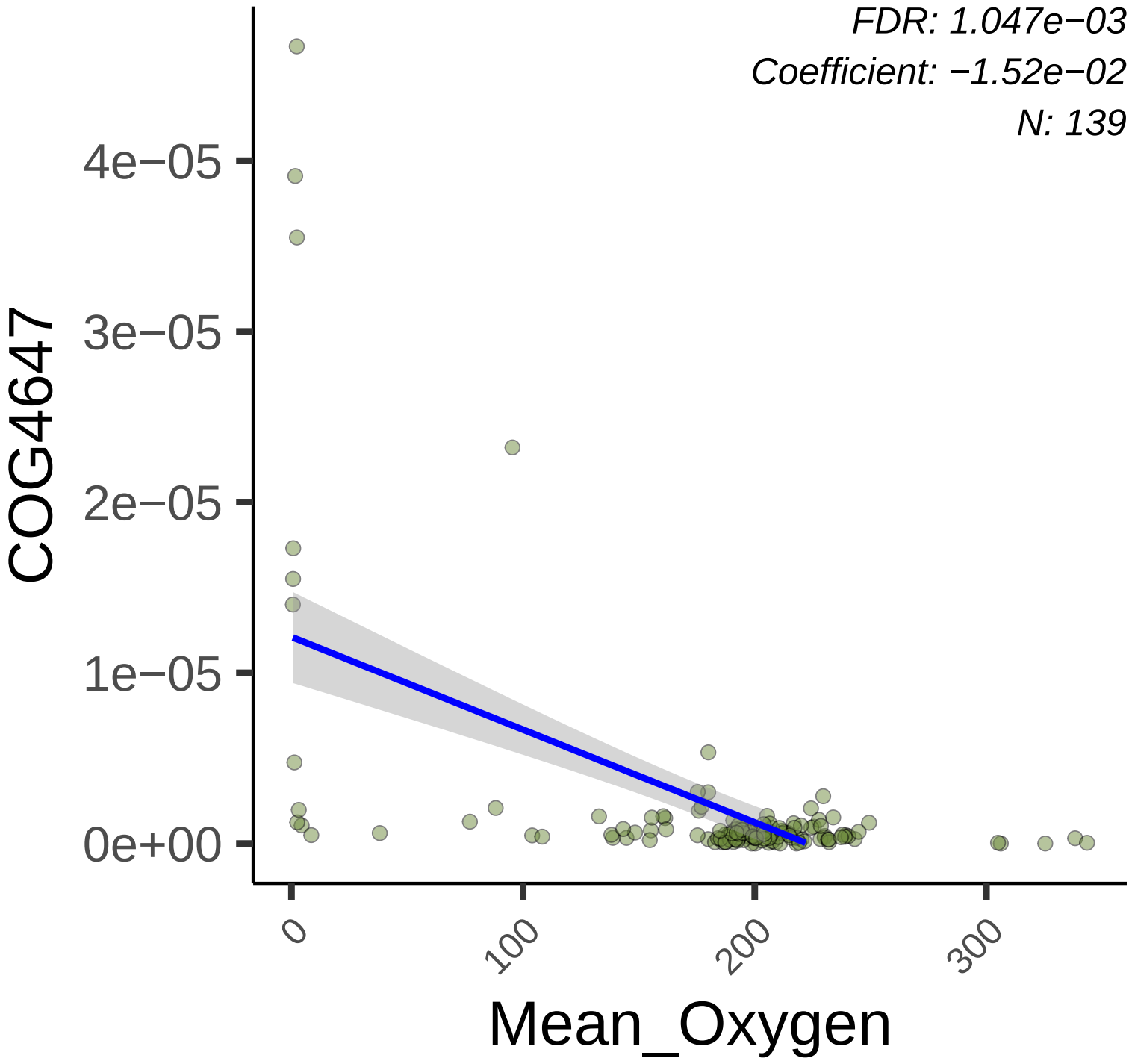
Mean_Oxygen


FDR: 1.047e−03
Coefficient: −1.52e−02
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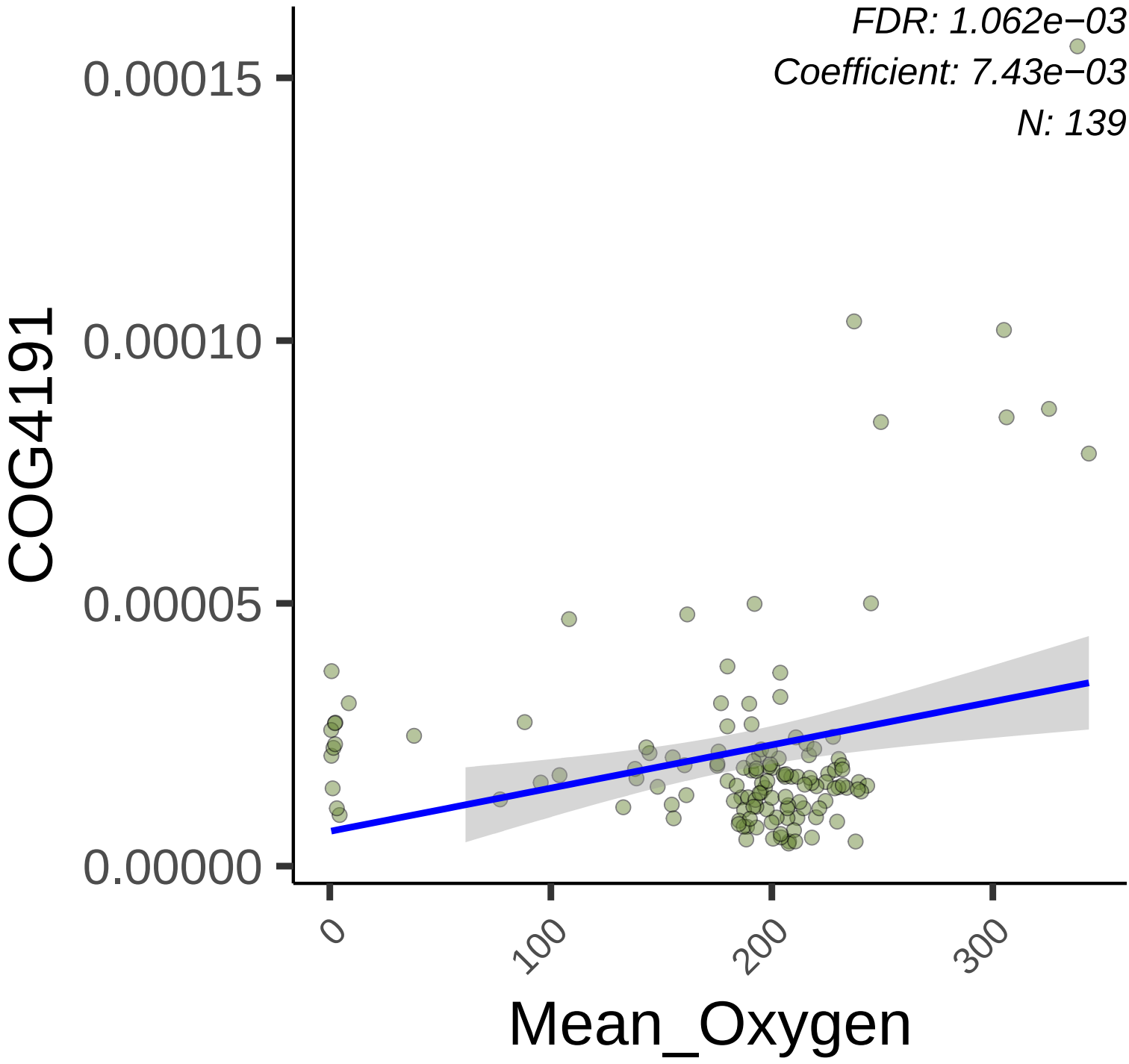
Mean_Oxygen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Coefficient: 7.43e−03
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COG4191
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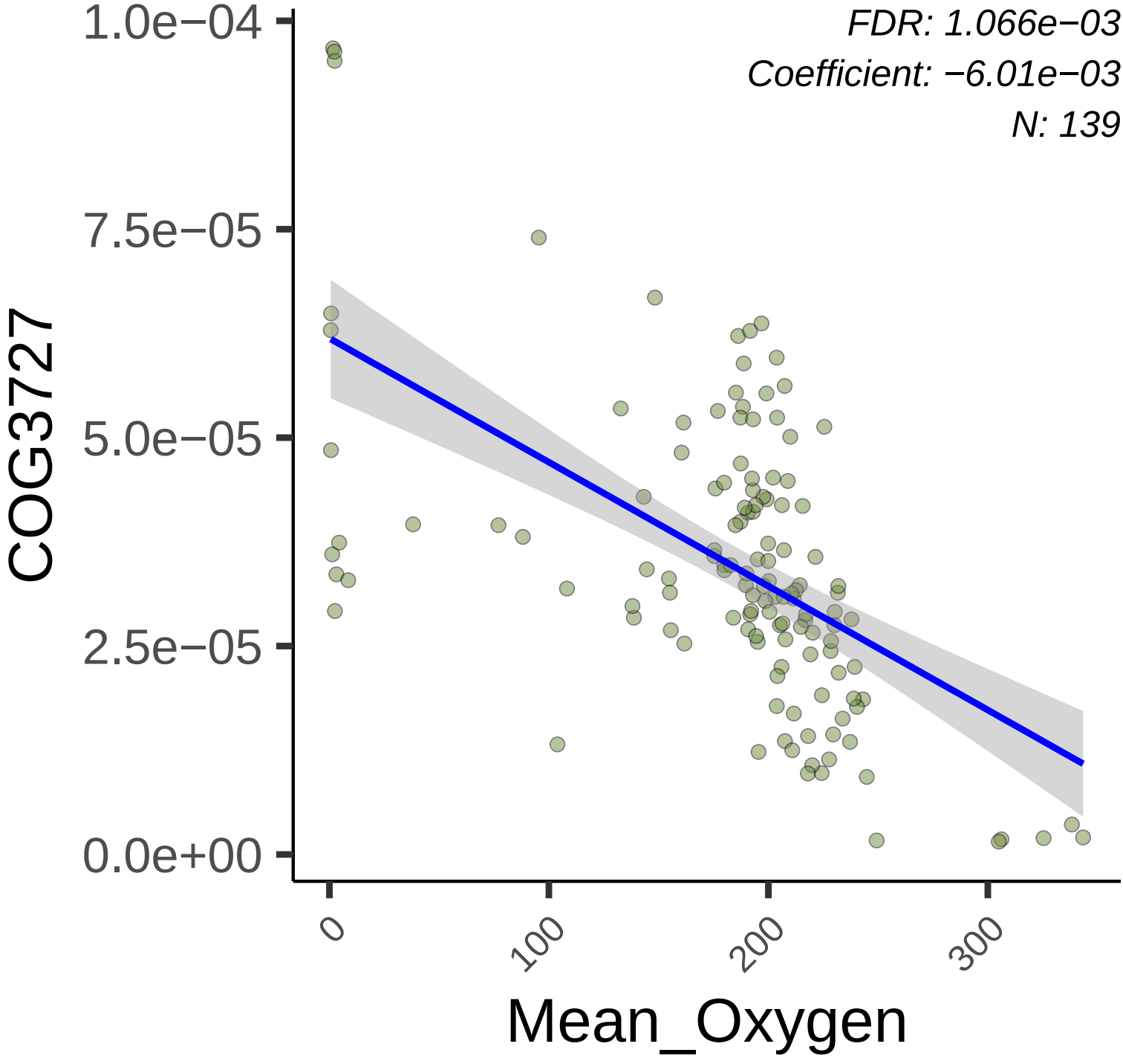
300
Mean_Oxygen


FDR: 1.066e−03
Coefficient: −6.01e−03
N: 139
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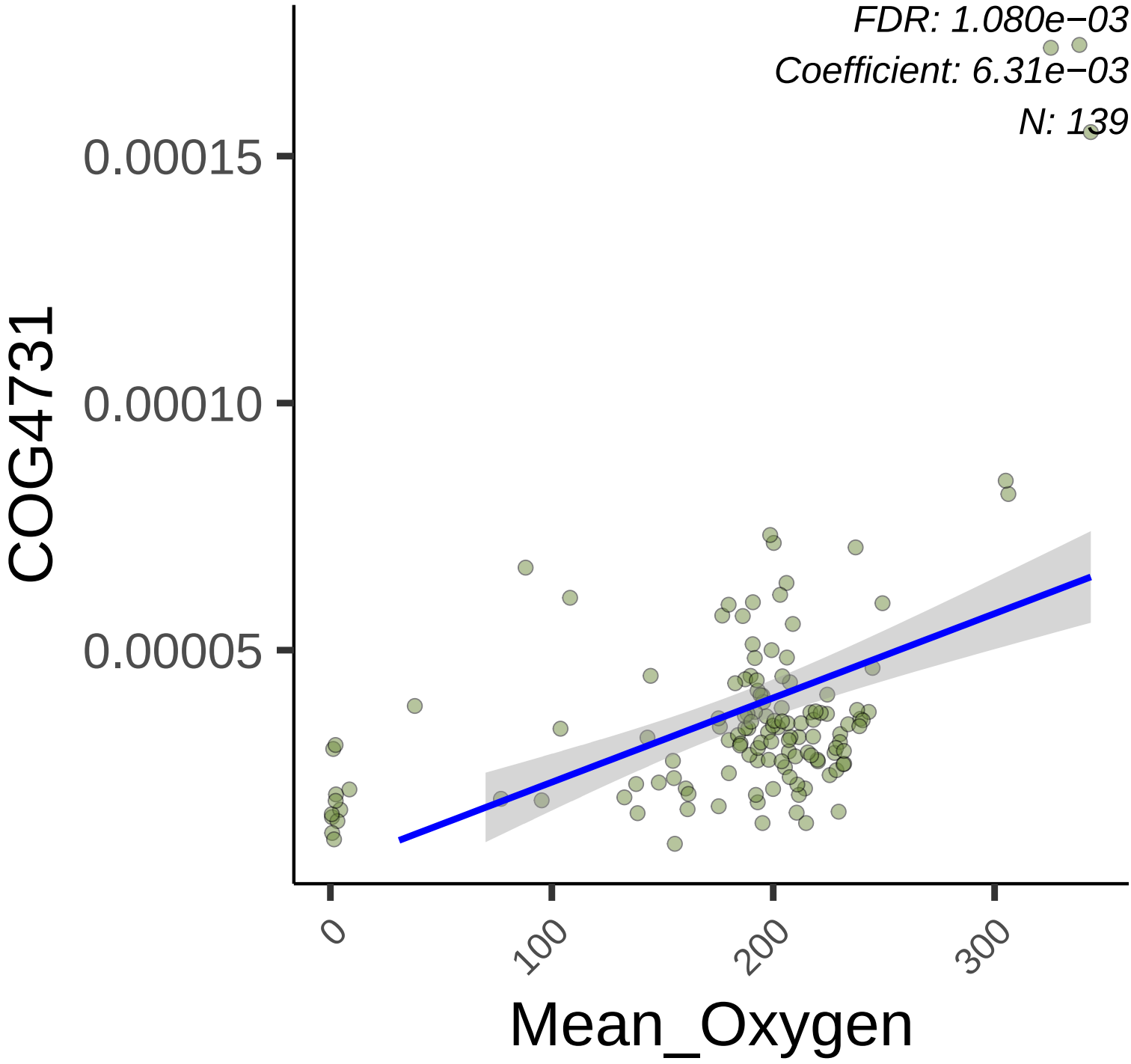
200
300
Mean_Oxygen


FDR: 1.080e−03
Coefficient: 6.31e−03
N: 139
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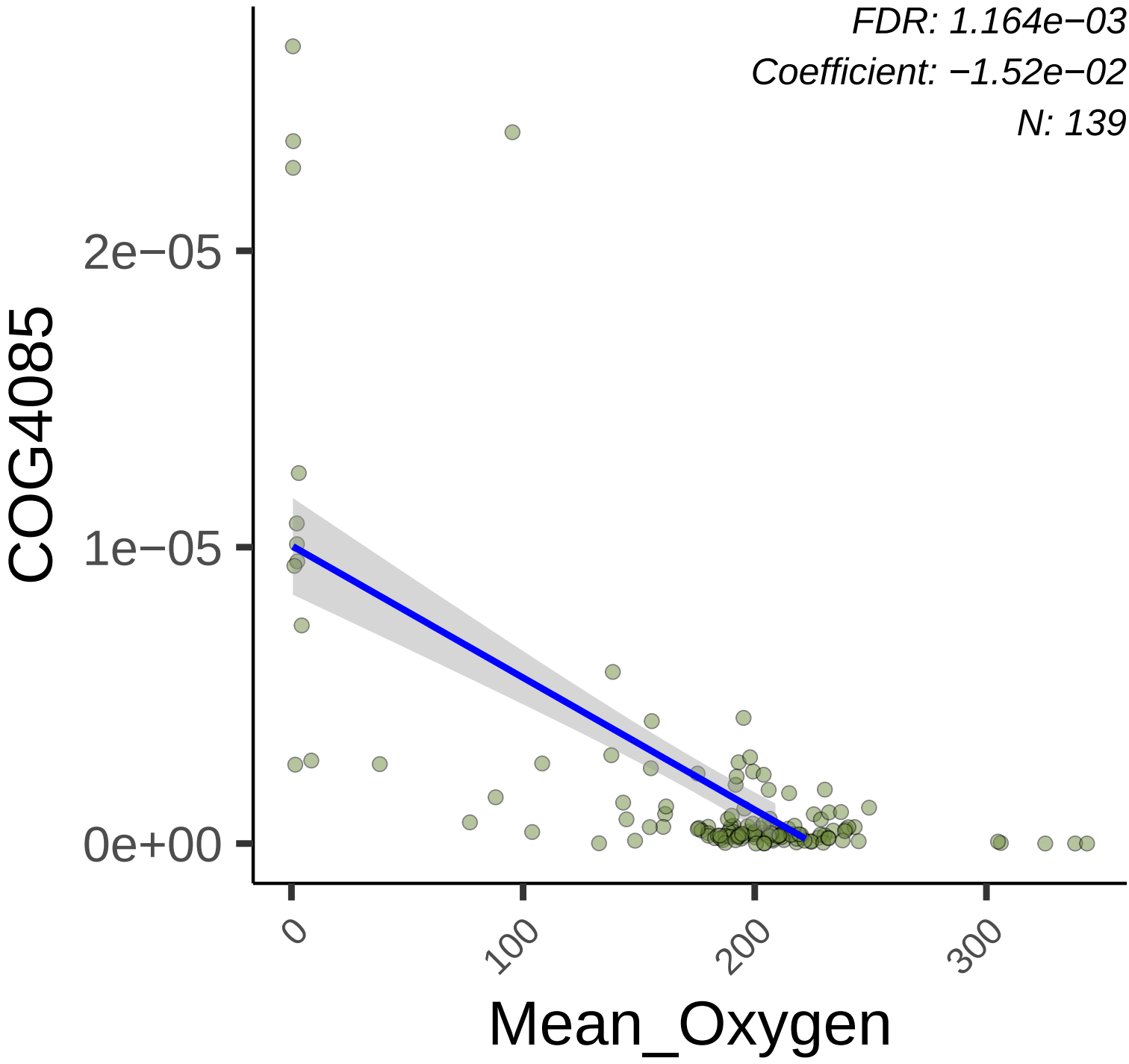
Mean_Oxygen


FDR: 1.164e−03
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N: 139
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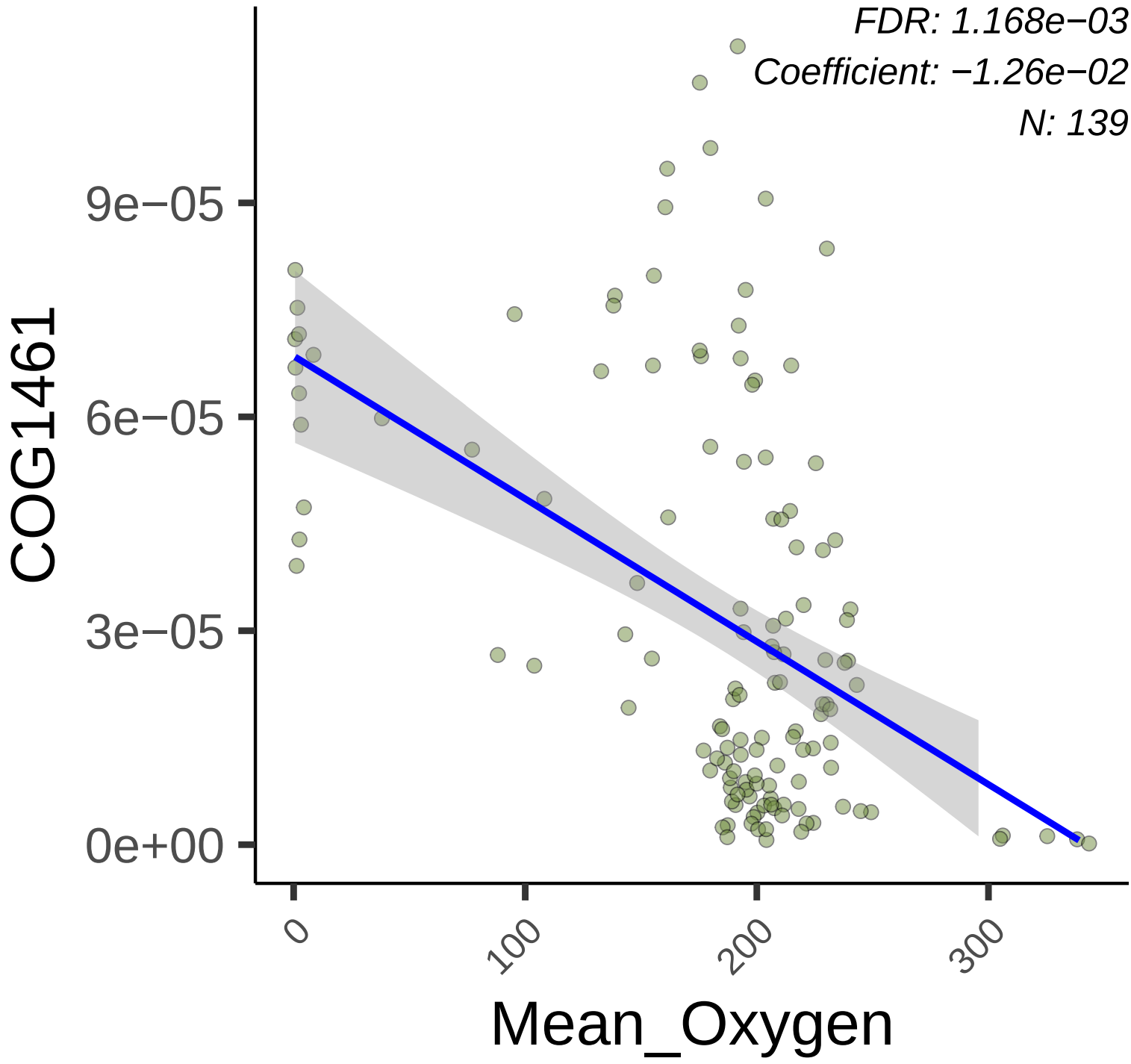
Mean_Oxygen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Coefficient: −1.26e−02
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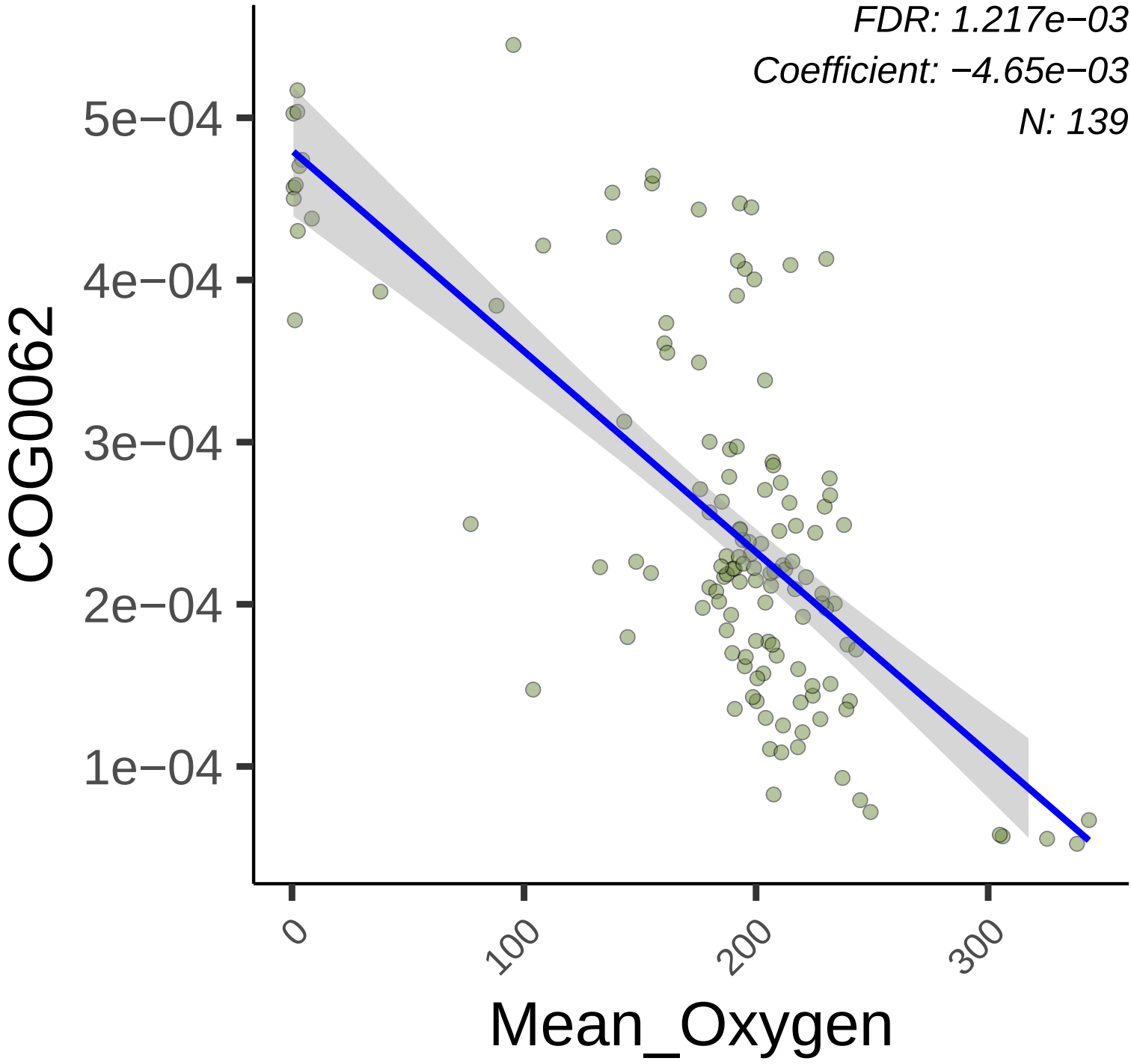
Mean_Oxygen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Coefficient: −4.65e−03
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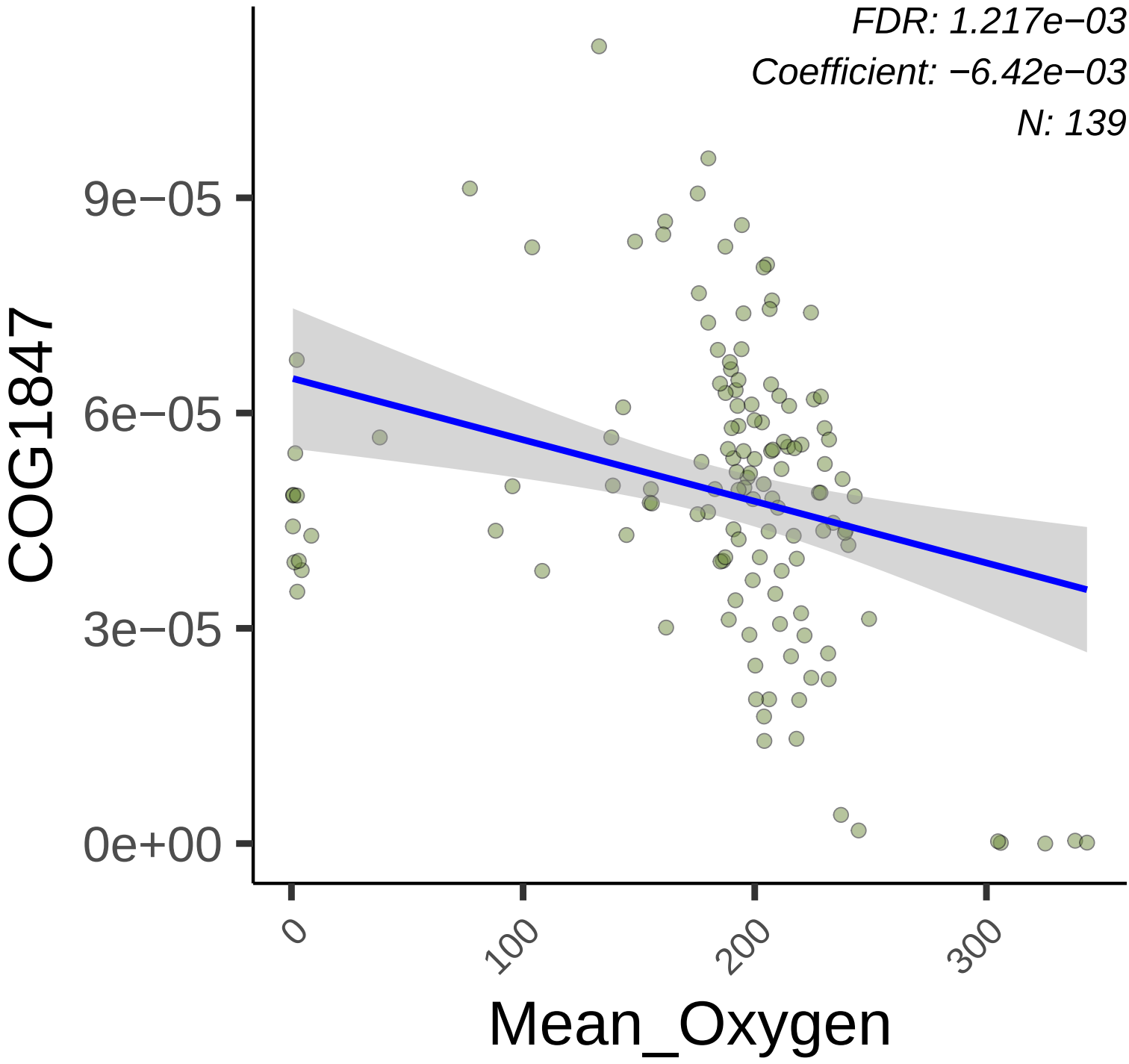
300
Mean_Oxygen


FDR: 1.217e−03
Coefficient: −6.42e−03
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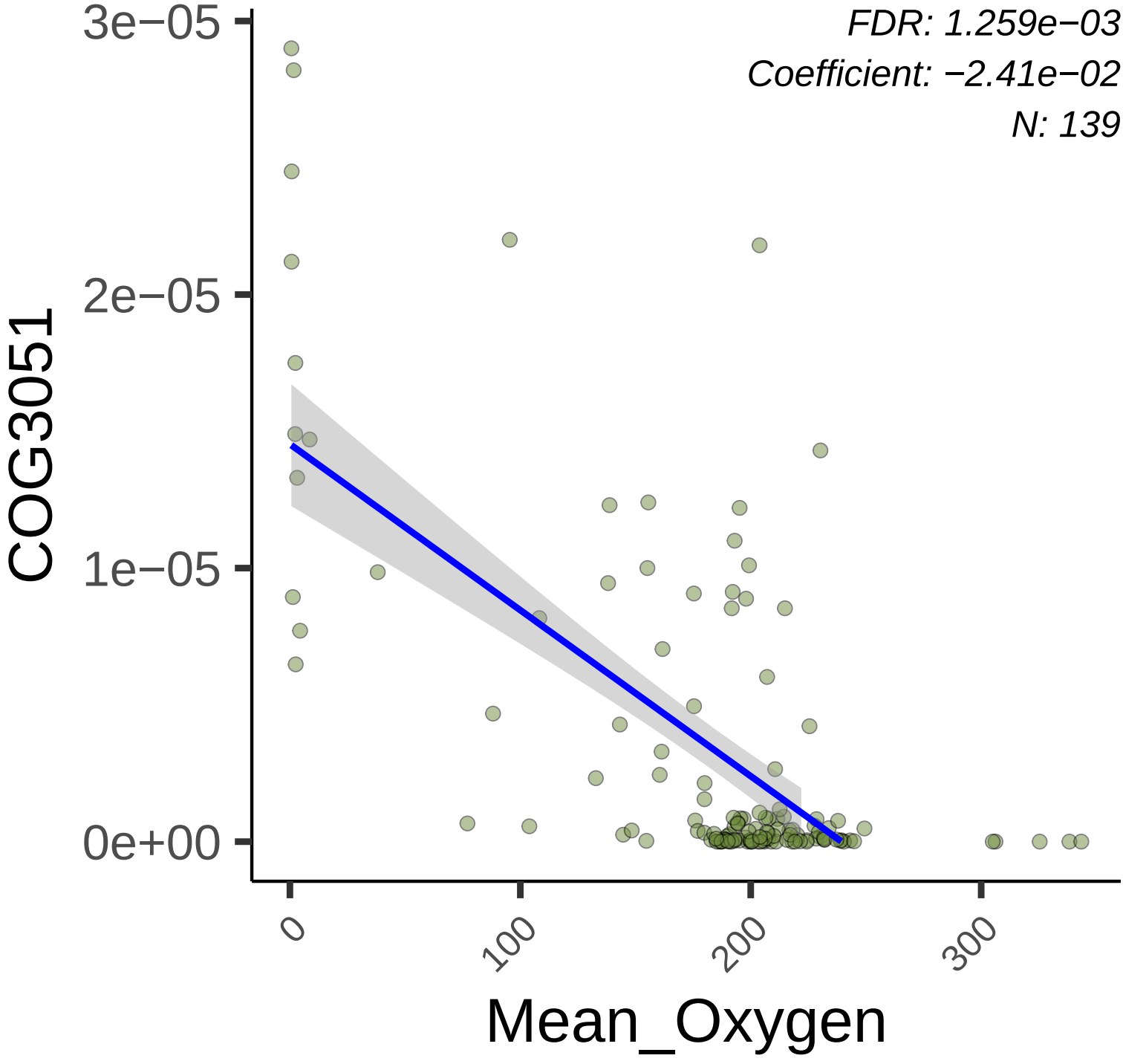
Mean_Oxygen


FDR: 1.259e−03
Coefficient: −2.41e−02
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COG3051
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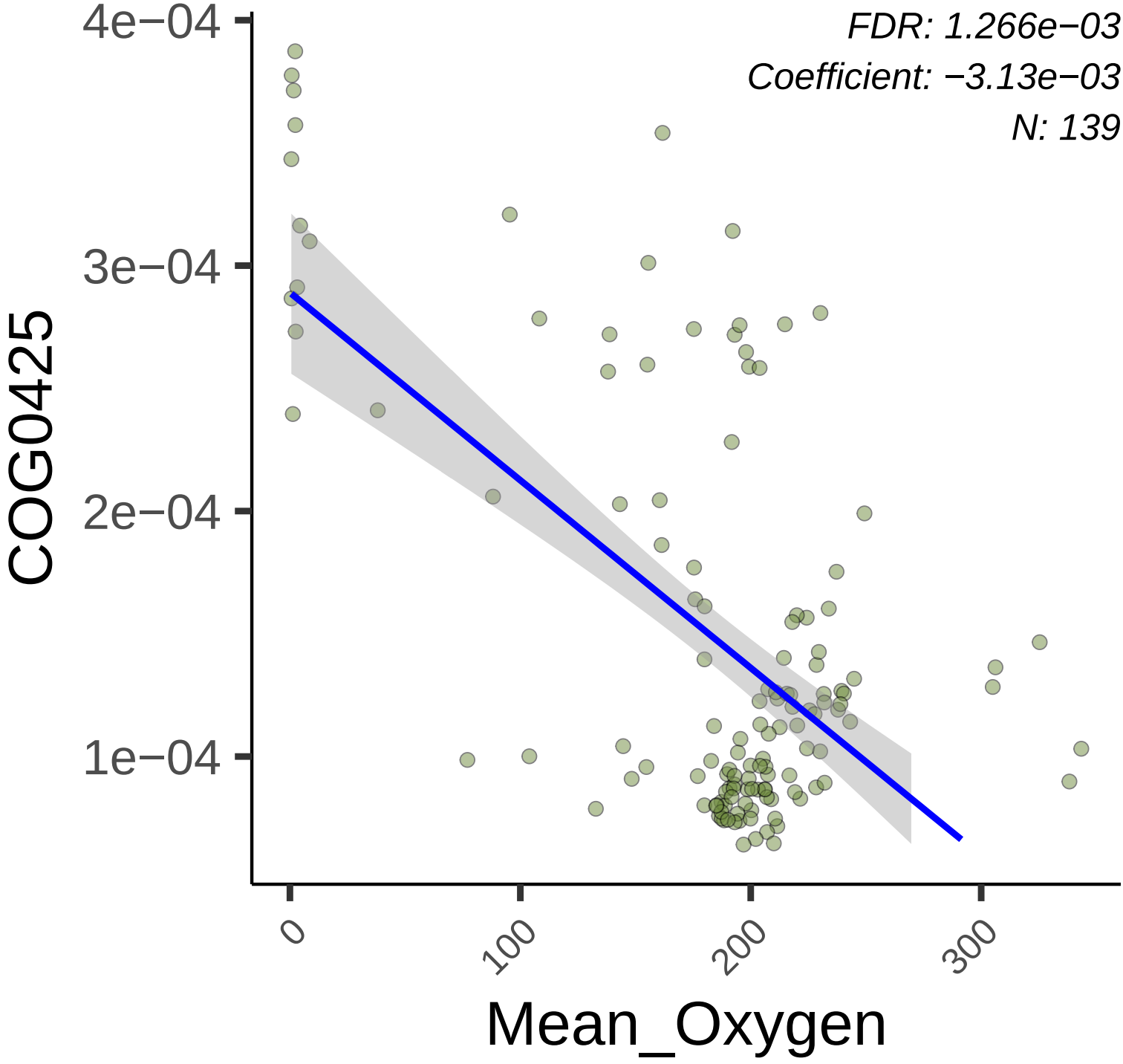
Mean_Oxygen


FDR: 1.266e−03
Coefficient: −3.13e−03
N: 139
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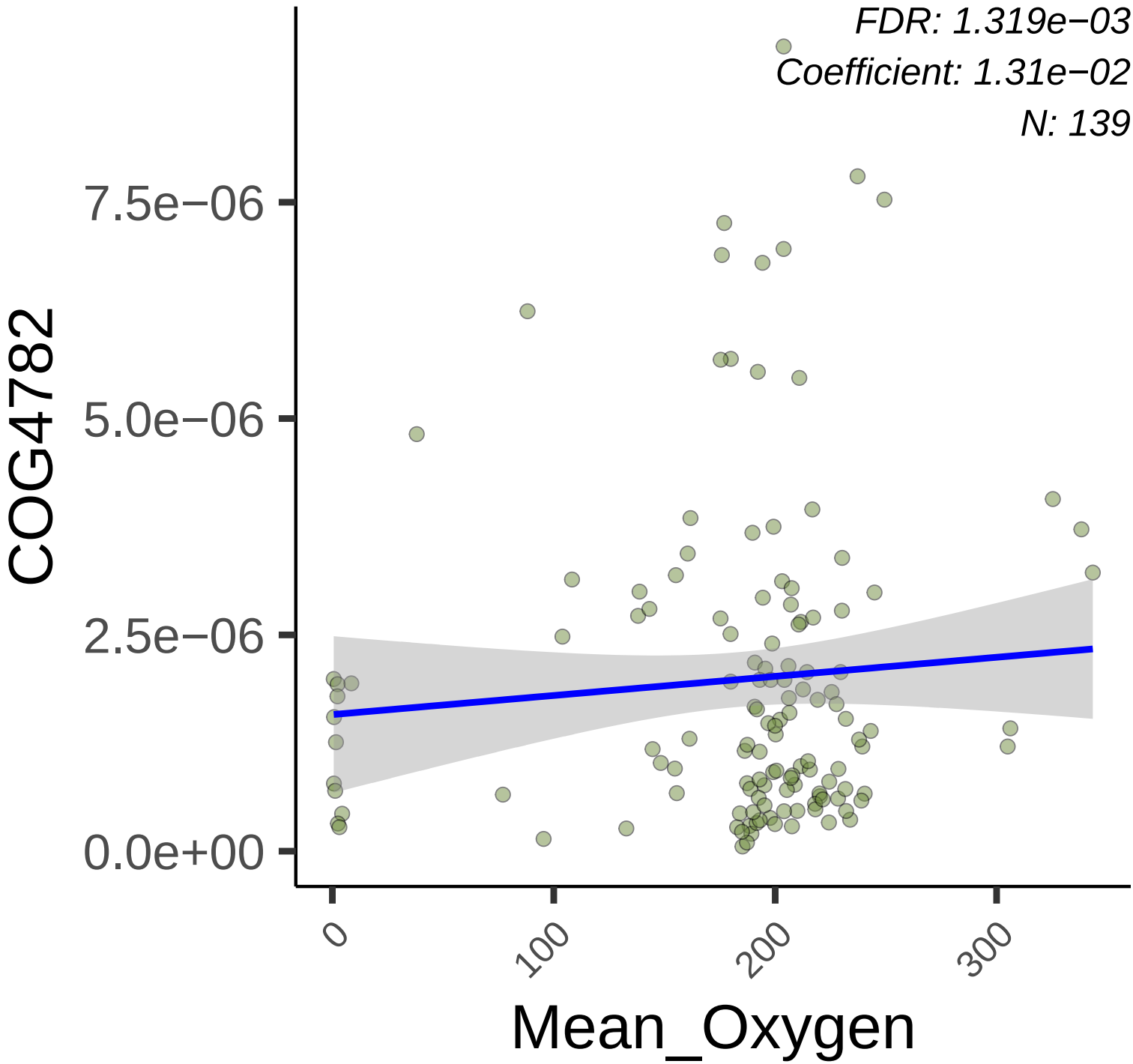
200
300
Mean_Oxygen


FDR: 1.319e−03
Coefficient: 1.31e−02
N: 139
COG4782
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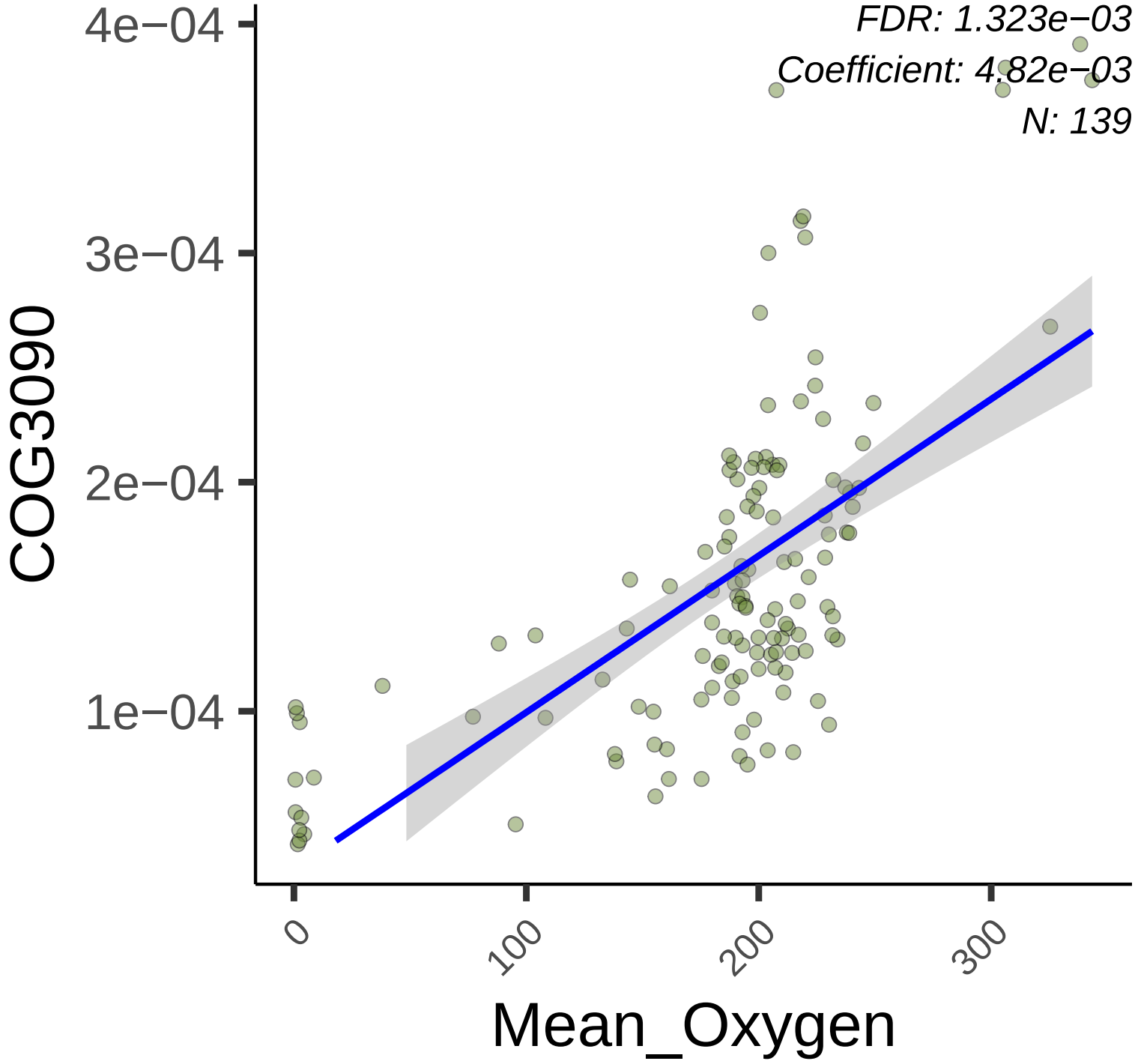
300
Mean_Oxygen


FDR: 1.323e−03
Coefficient: 4.82e−03
N: 139
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COG3090
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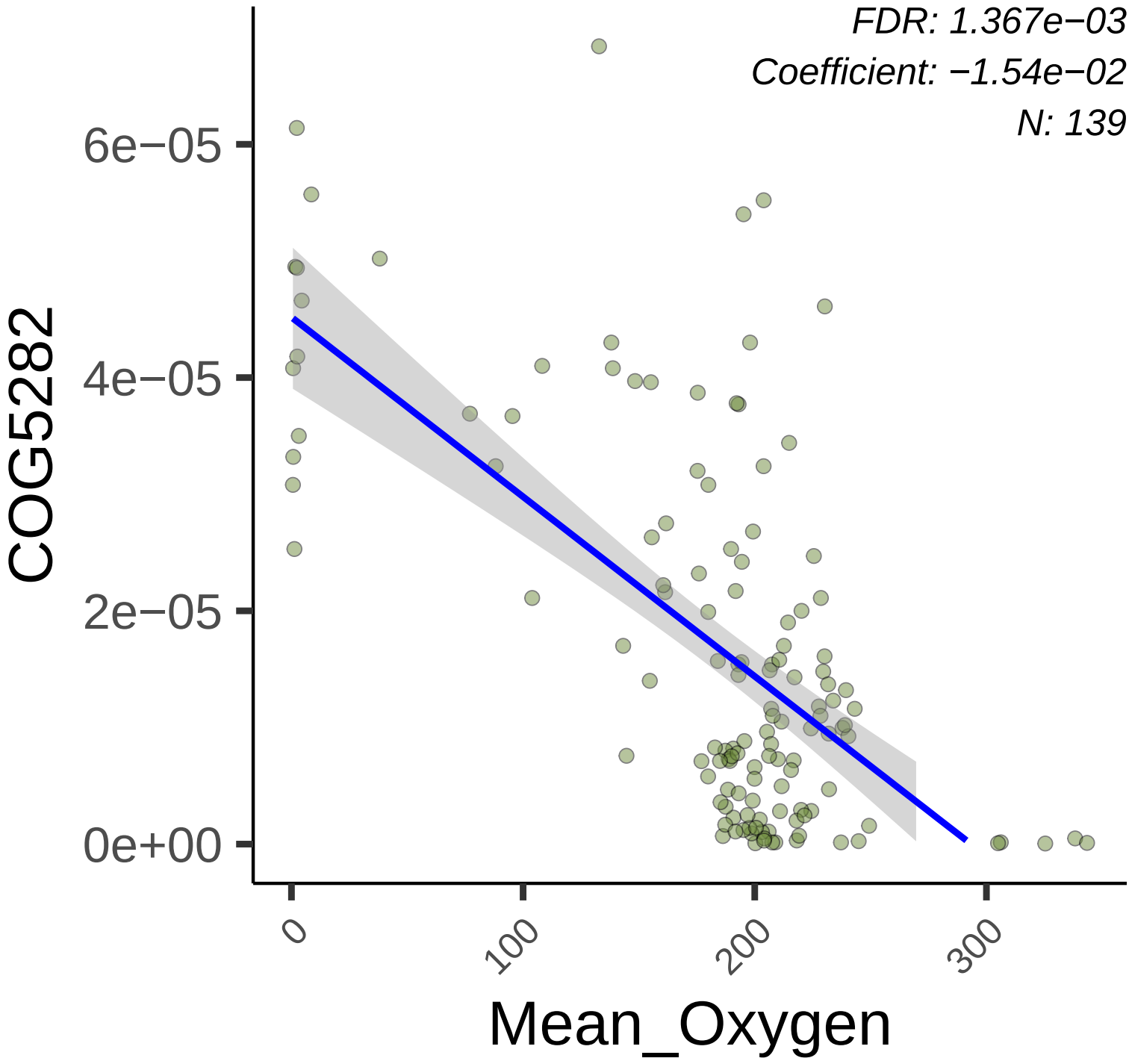
300
Mean_Oxygen


FDR: 1.367e−03
Coefficient: −1.54e−02
N: 139
COG5282
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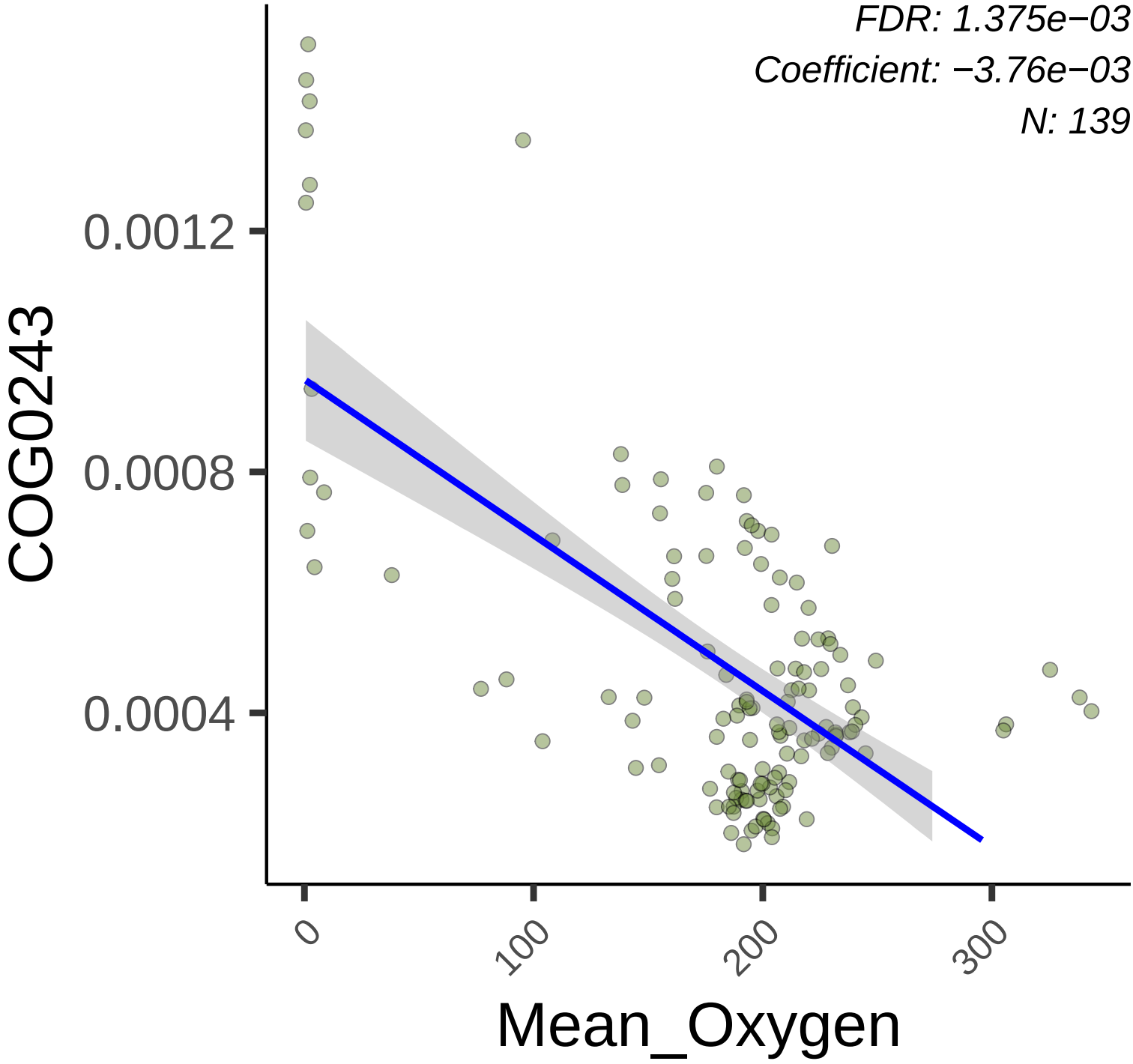
300
Mean_Oxygen


FDR: 1.375e−03
Coefficient: −3.76e−03
N: 139
COG0243
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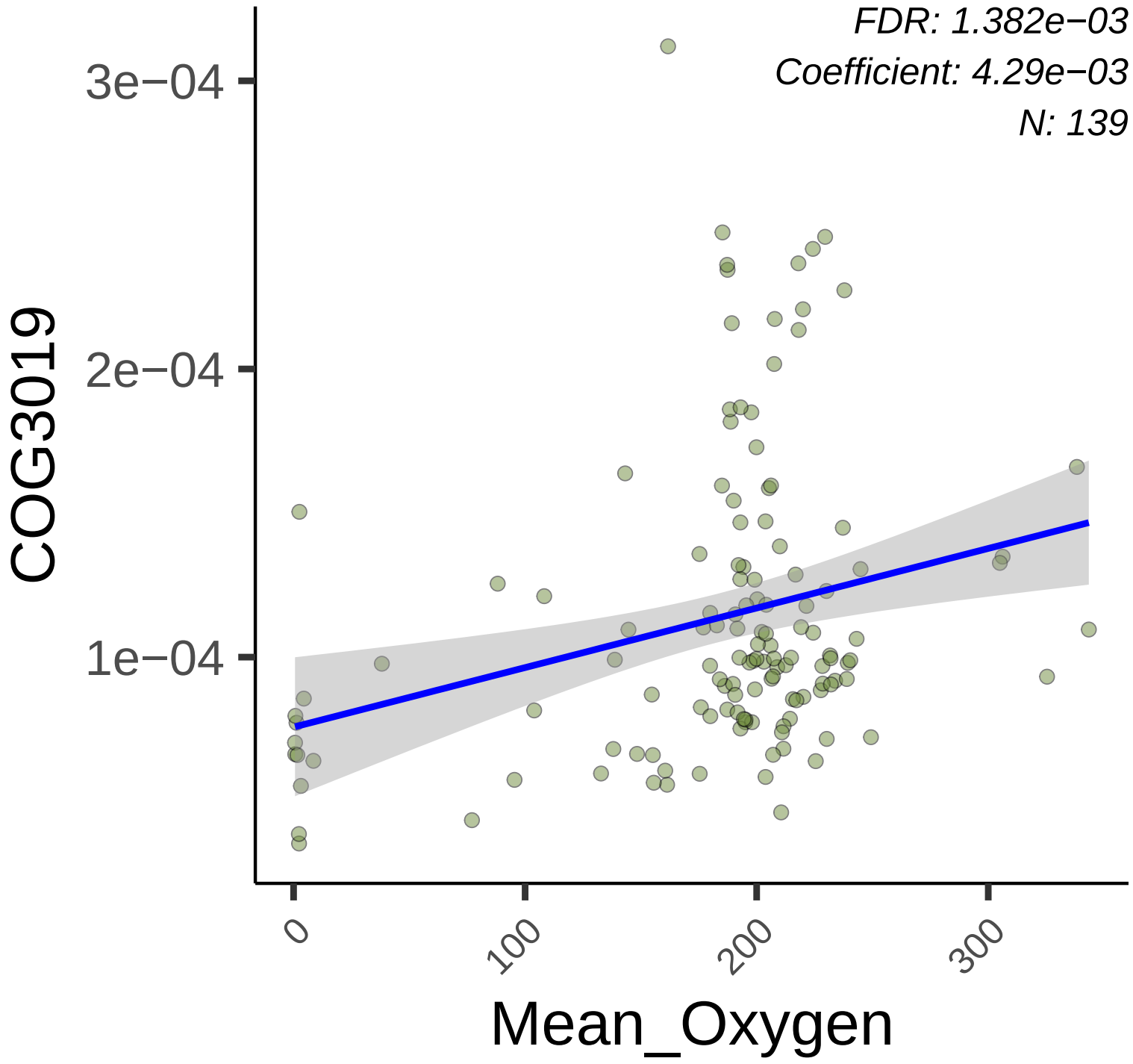
0.0008
0.0004
0
100
200
300
Mean_Oxygen


FDR: 1.382e−03
Coefficient: 4.29e−03
N: 139
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COG3019
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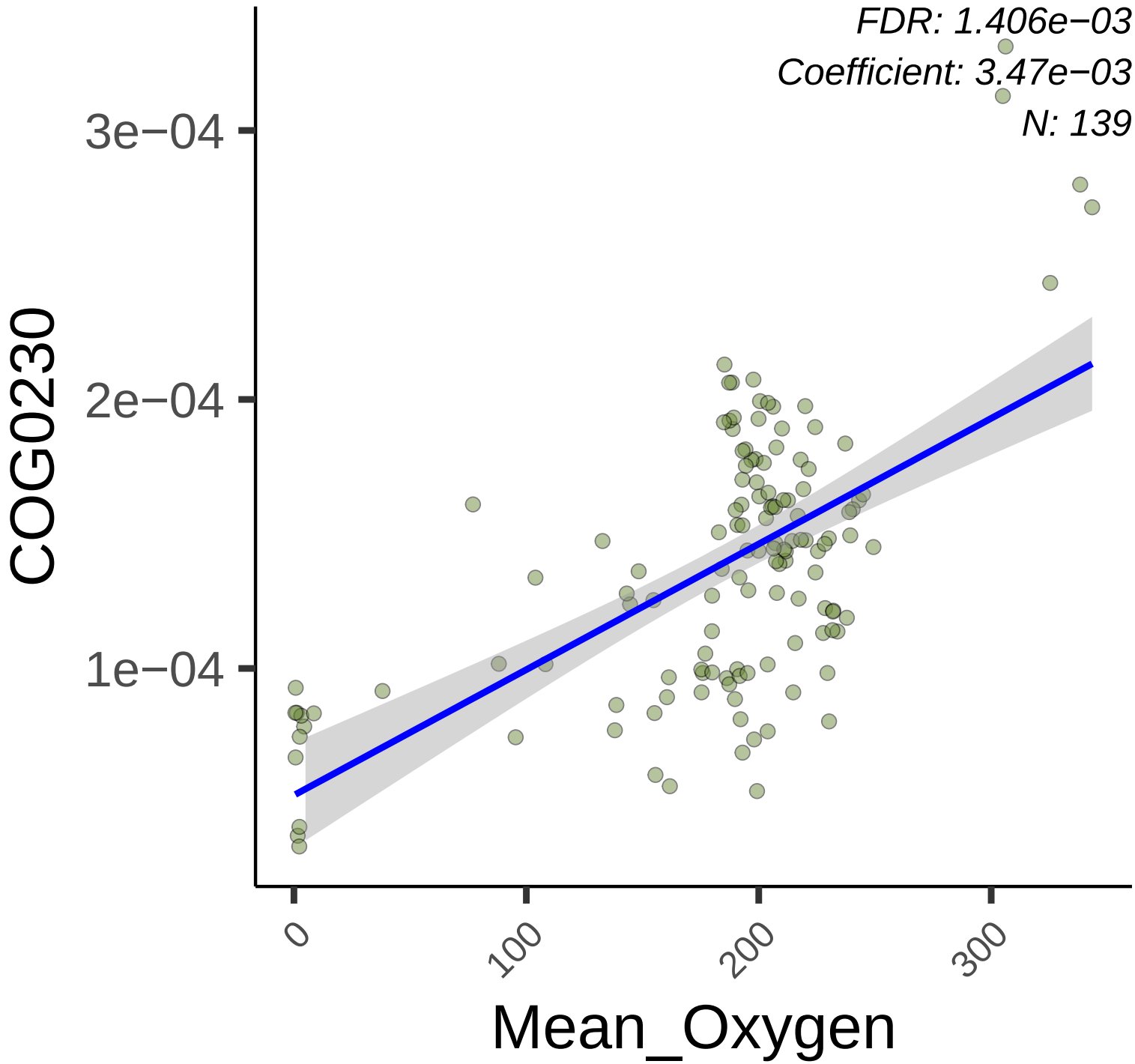
Mean_Oxygen


FDR: 1.406e−03
Coefficient: 3.47e−03
N: 139
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COG0230
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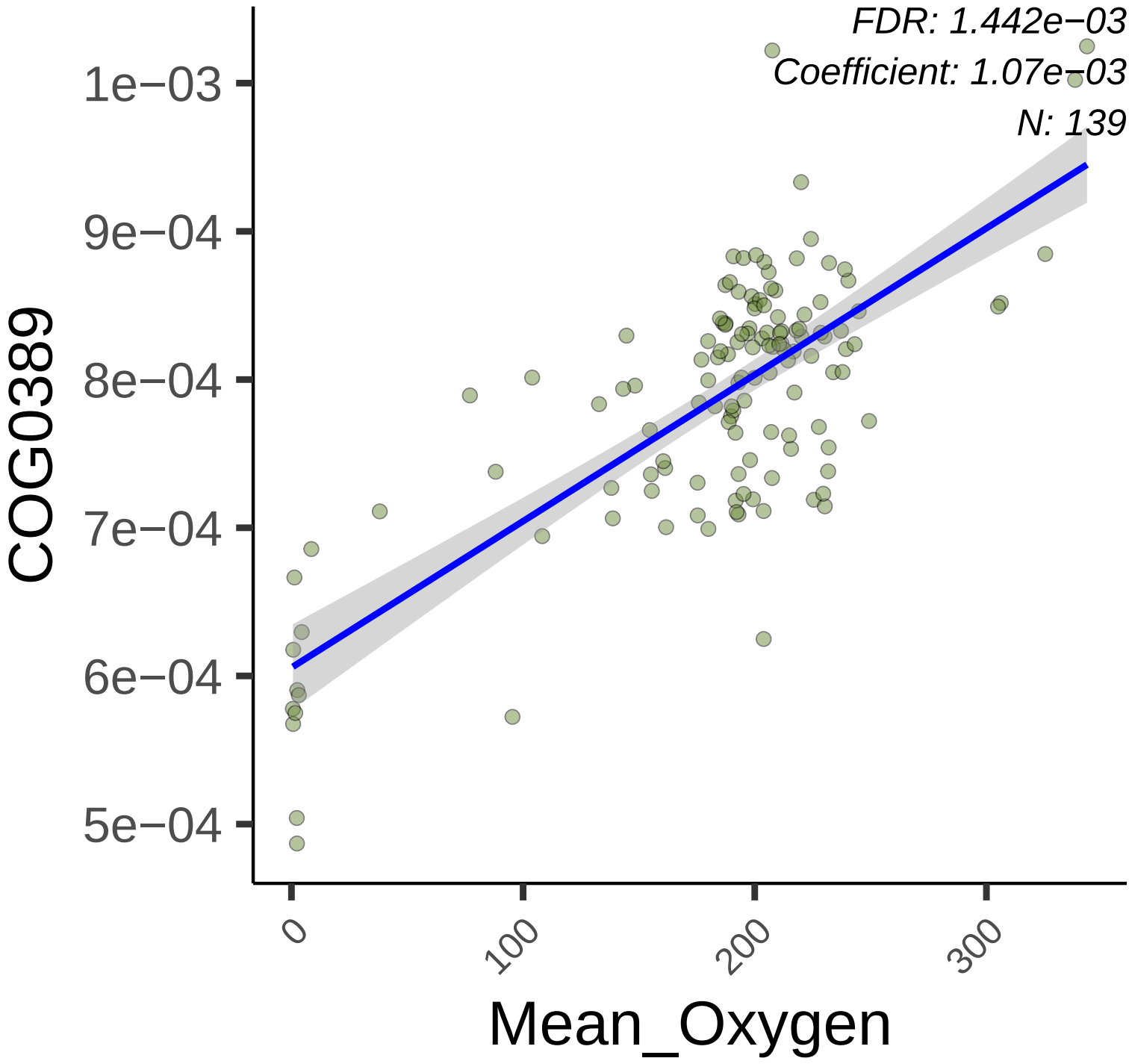
Mean_Oxygen


FDR: 1.442e−03
Coefficient: 1.07e−03
N: 139
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COG0389
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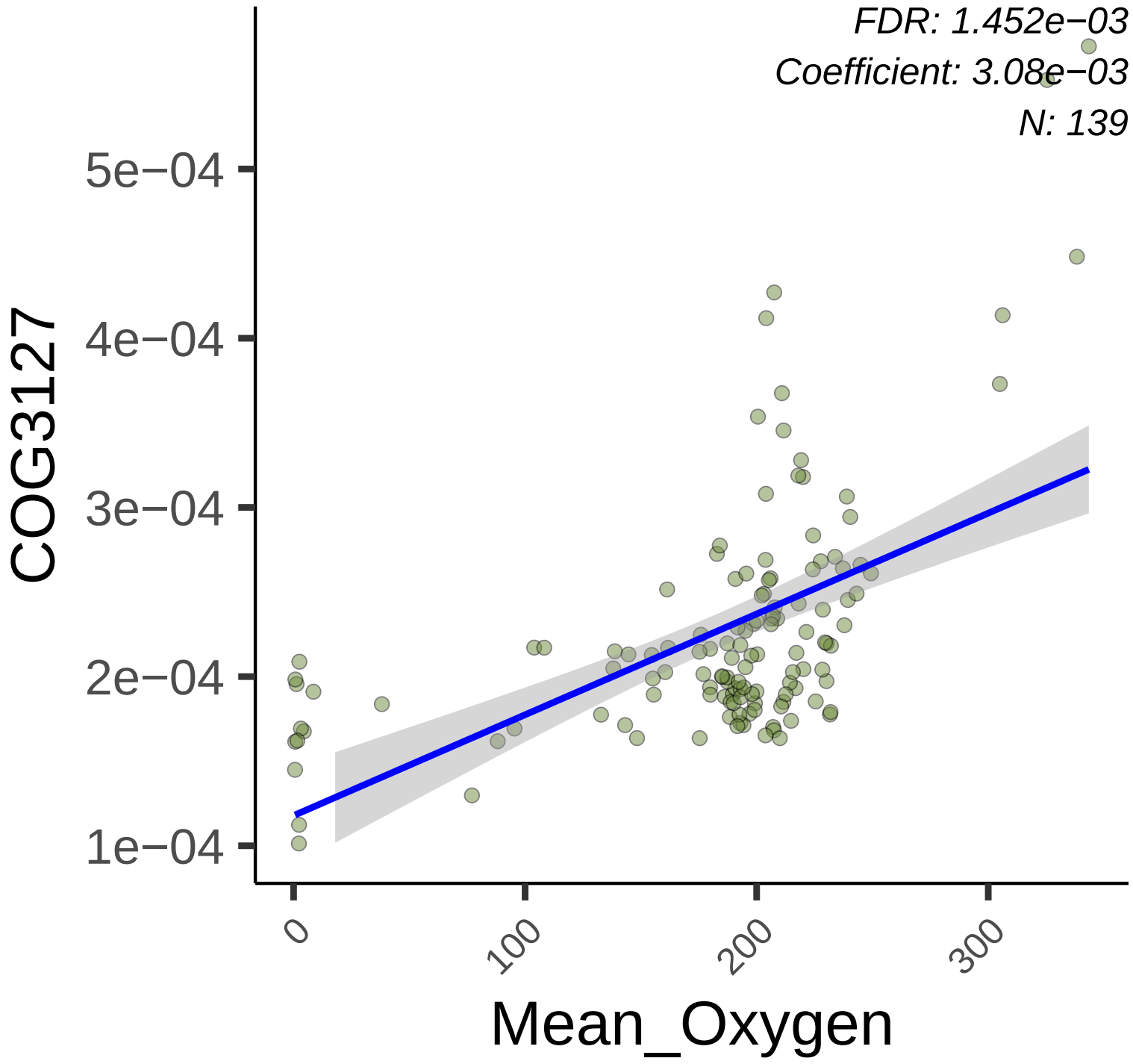
Mean_Oxygen


FDR: 1.452e−03
Coefficient: 3.08e−03
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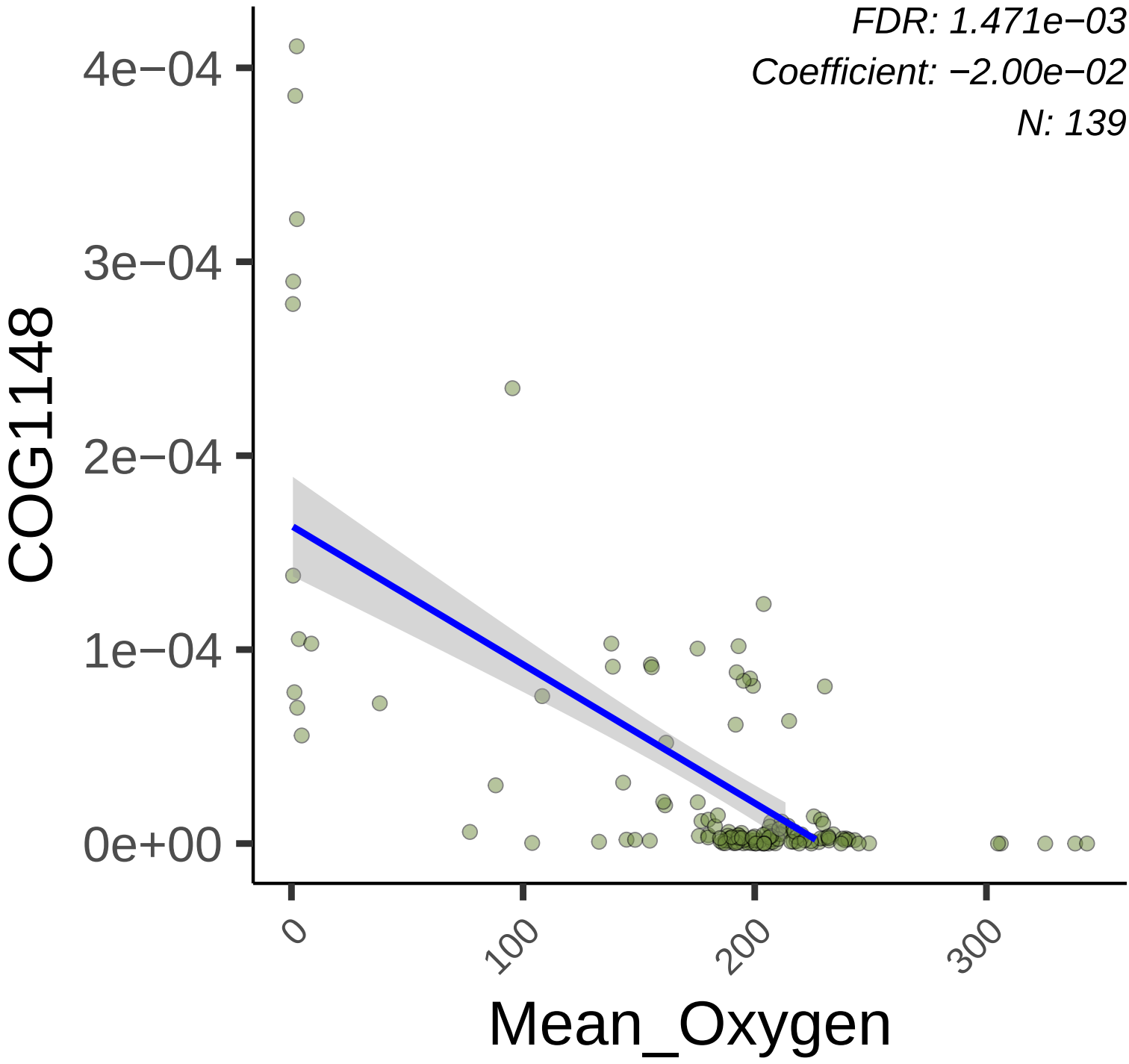
Mean_Oxygen


FDR: 1.471e−03
Coefficient: −2.00e−02
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200
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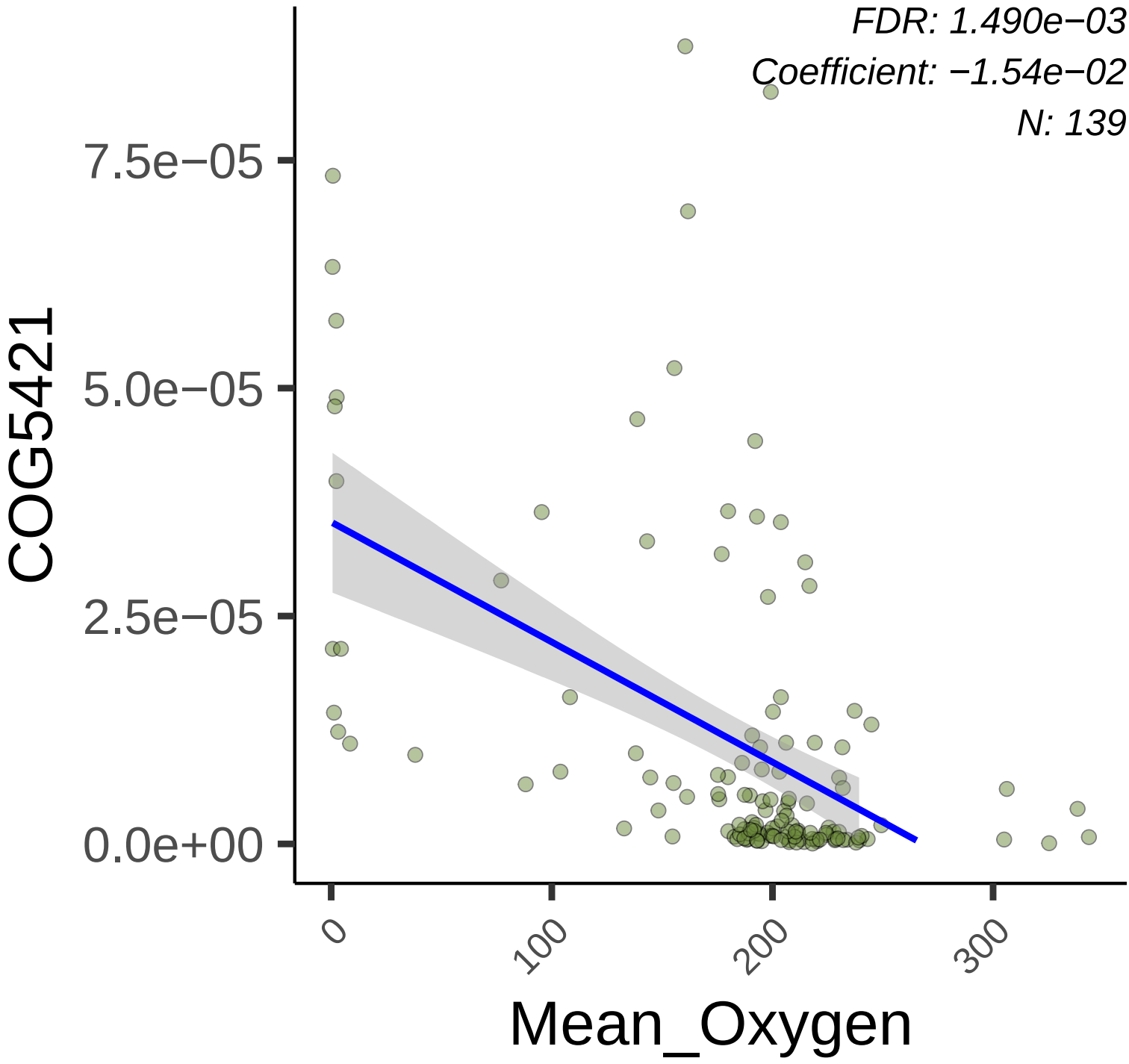
Mean_Oxygen


FDR: 1.490e−03
Coefficient: −1.54e−02
N: 139
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5.0e−05
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COG5421
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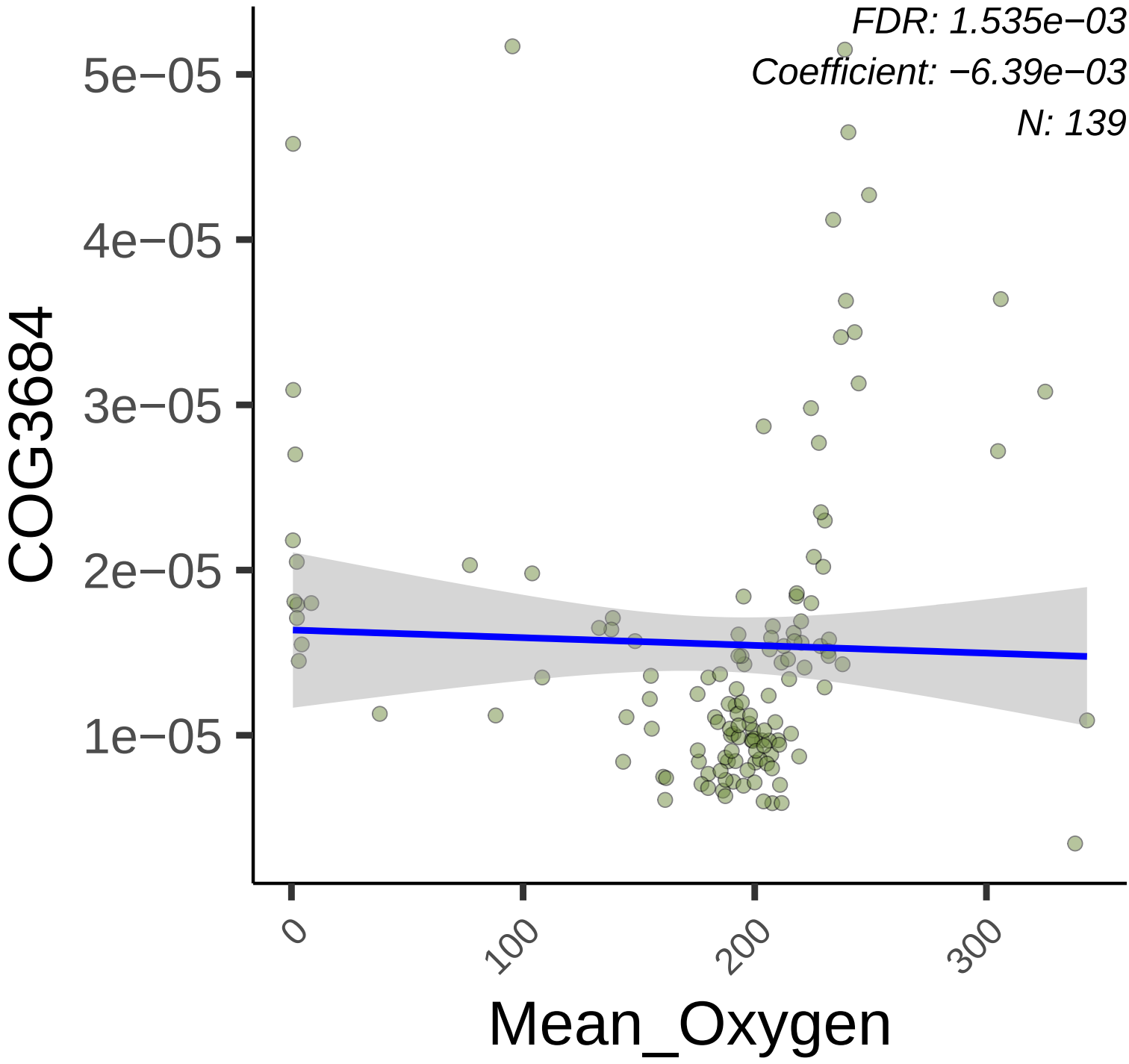
200
300
Mean_Oxygen


FDR: 1.535e−03
Coefficient: −6.39e−03
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4e−05
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COG3684
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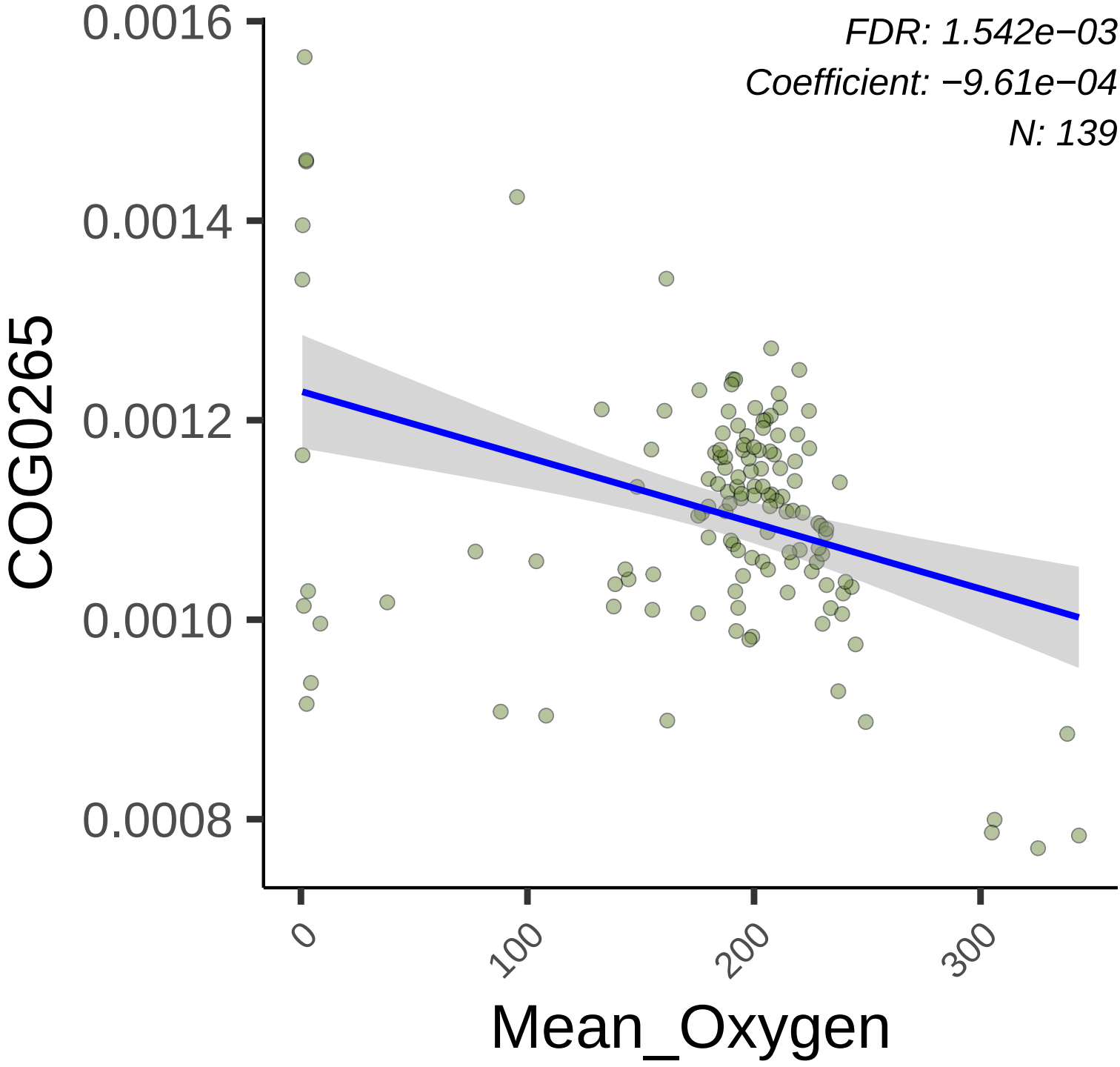
200
300
Mean_Oxygen


FDR: 1.542e−03
Coefficient: −9.61e−04
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0.0010
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COG0265
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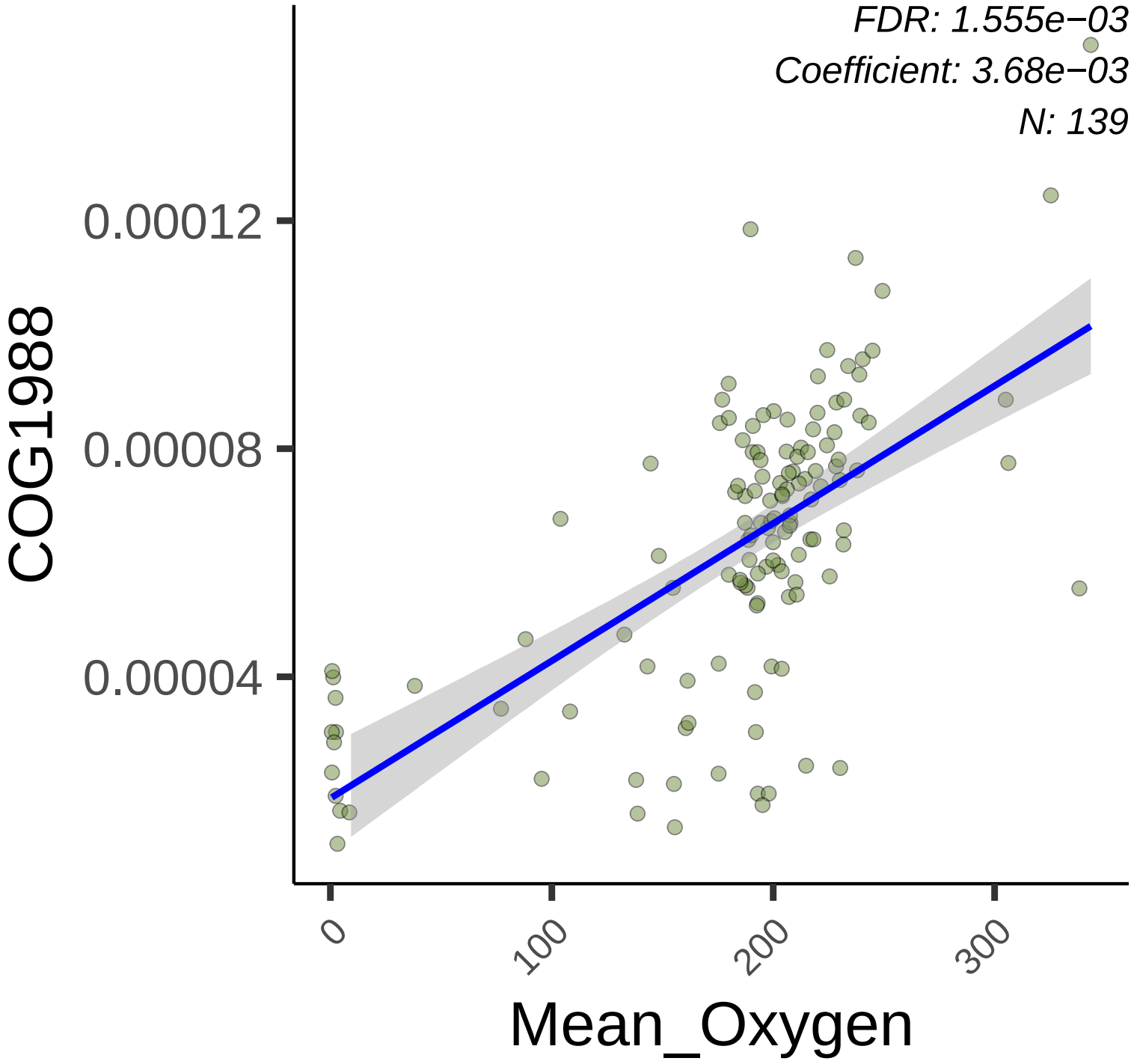
300
Mean_Oxygen


FDR: 1.555e−03
Coefficient: 3.68e−03
N: 139
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COG1988
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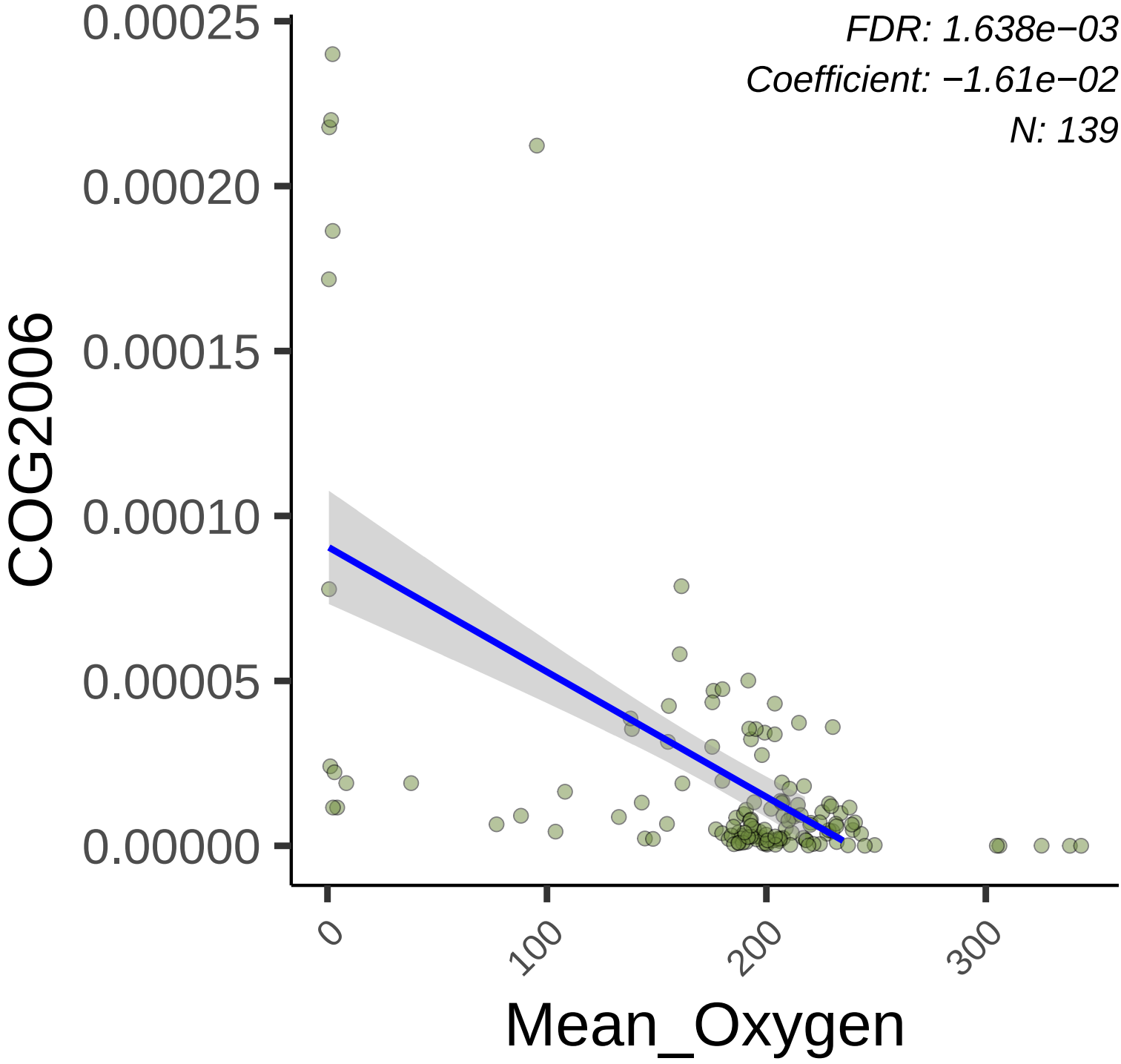
Mean_Oxygen


FDR: 1.638e−03
Coefficient: −1.61e−02
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COG2006
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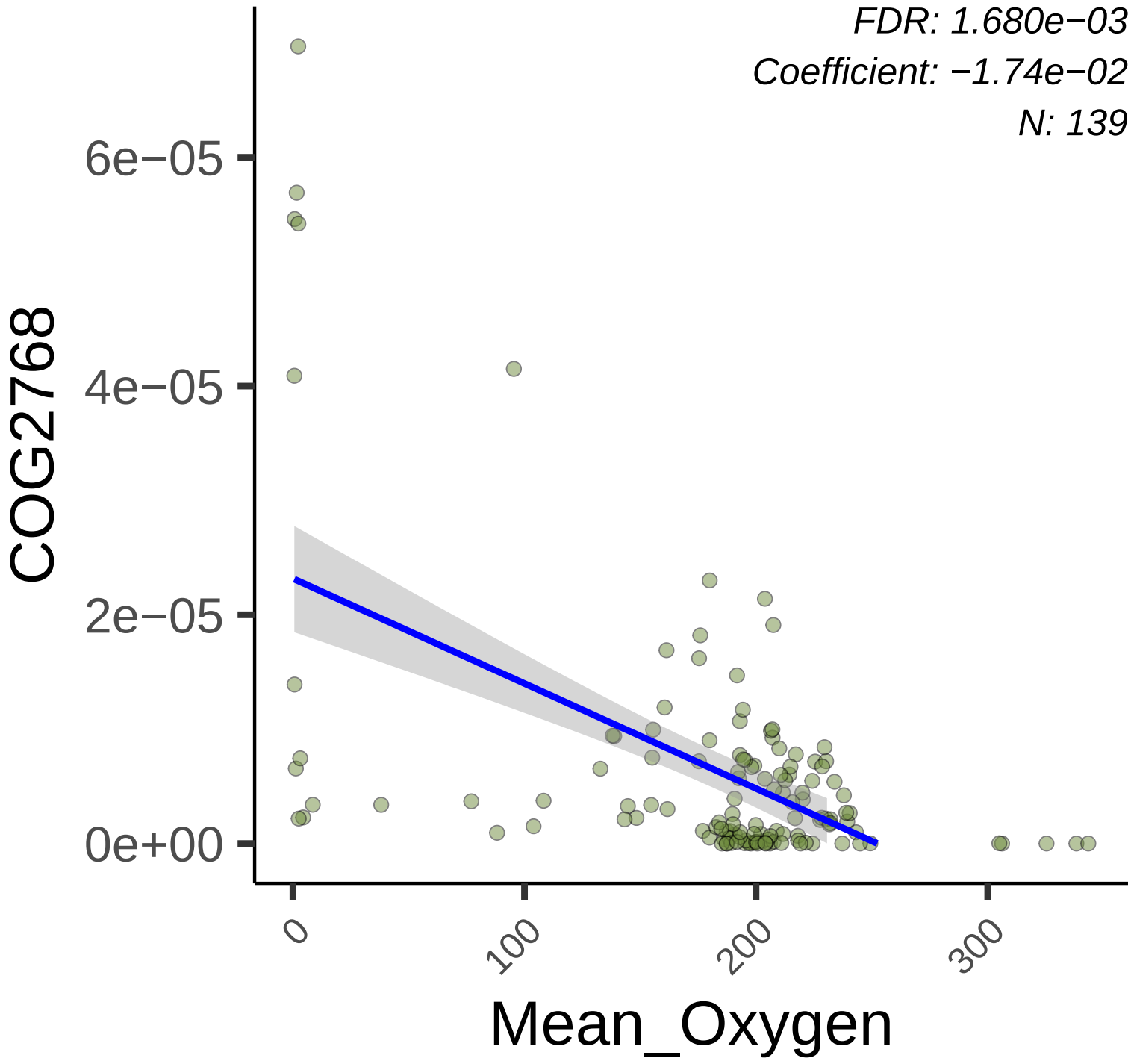
300
Mean_Oxygen


FDR: 1.680e−03
Coefficient: −1.74e−02
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COG2768
6e−05
4e−05
2e−05
0e+00
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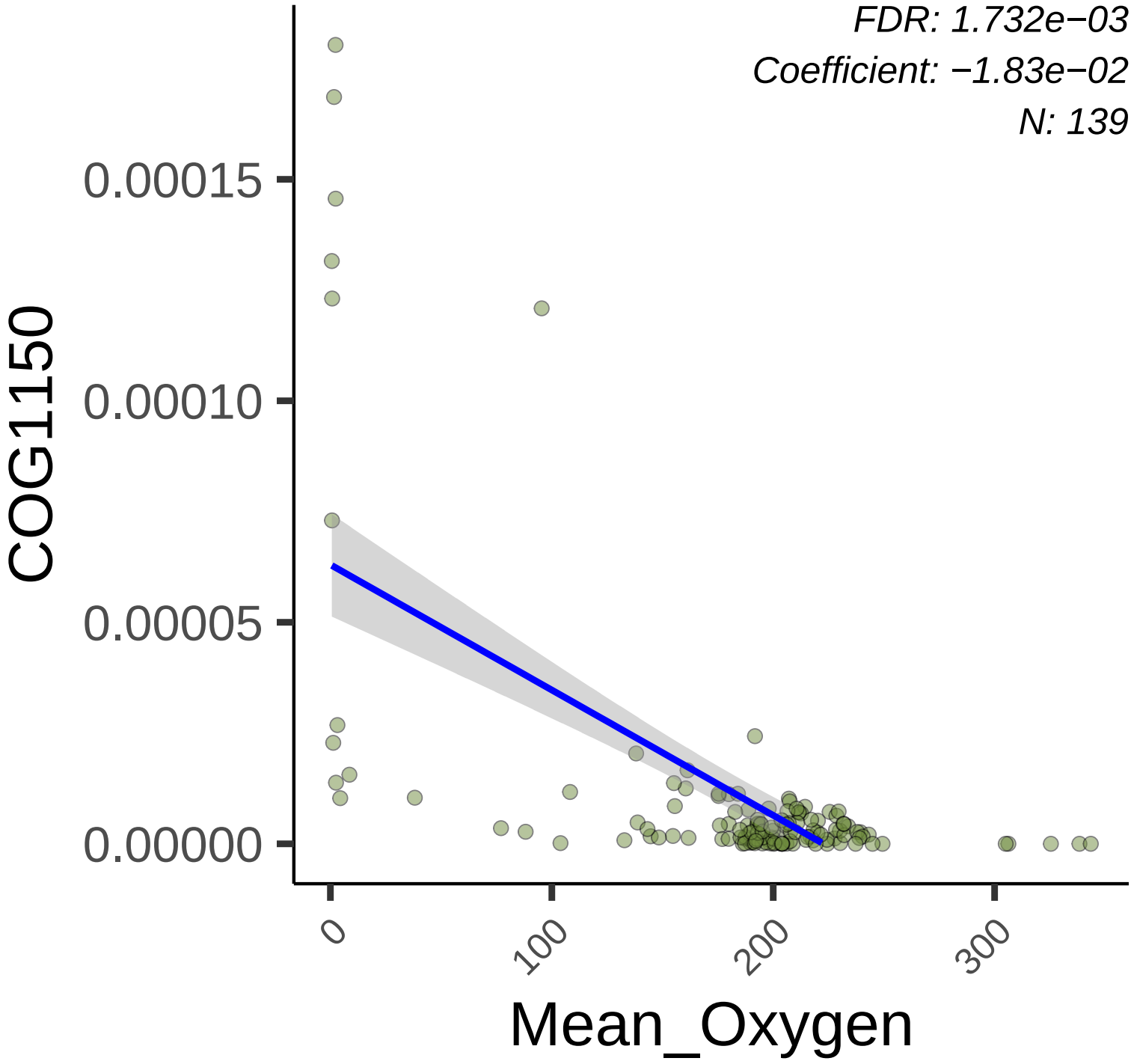
200
300
Mean_Oxygen


FDR: 1.732e−03
Coefficient: −1.83e−02
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COG1150
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0.00010
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0.00000
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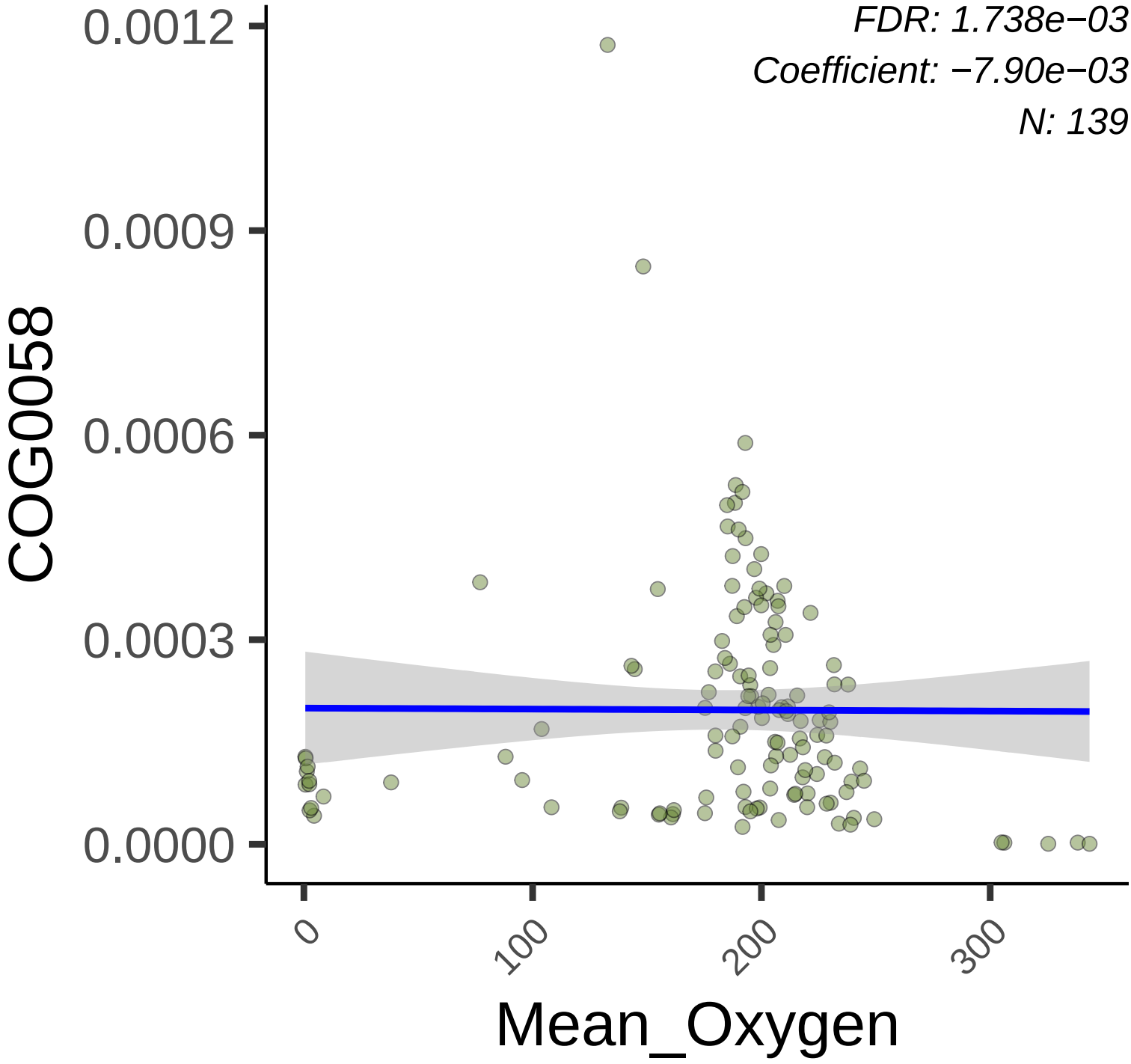
200
300
Mean_Oxygen


FDR: 1.738e−03
Coefficient: −7.90e−03
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0.0009
0.0006
0.0003
0.0000
COG0058
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200
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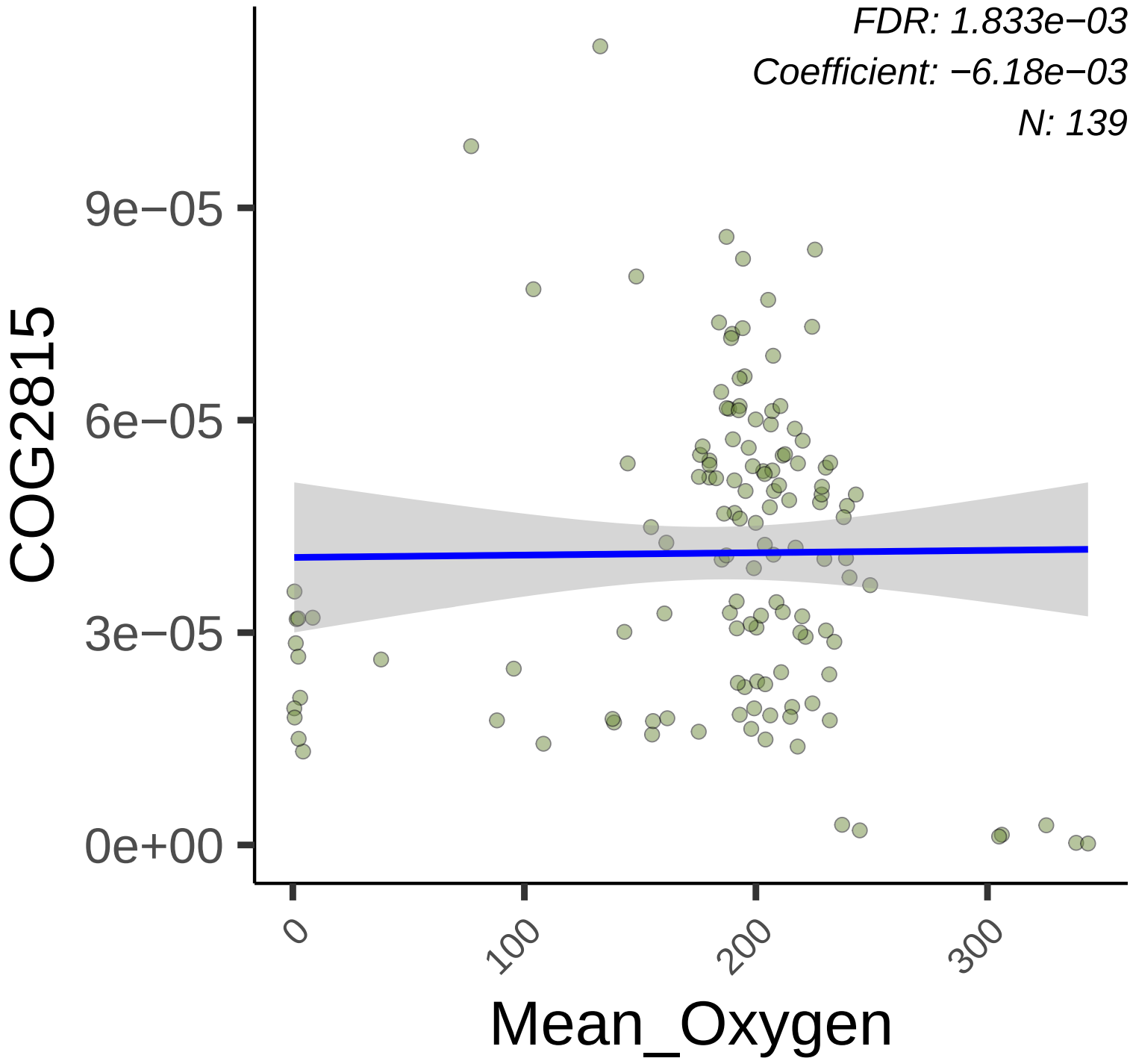
Mean_Oxygen


FDR: 1.833e−03
Coefficient: −6.18e−03
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COG2815
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6e−05
3e−05
0e+00
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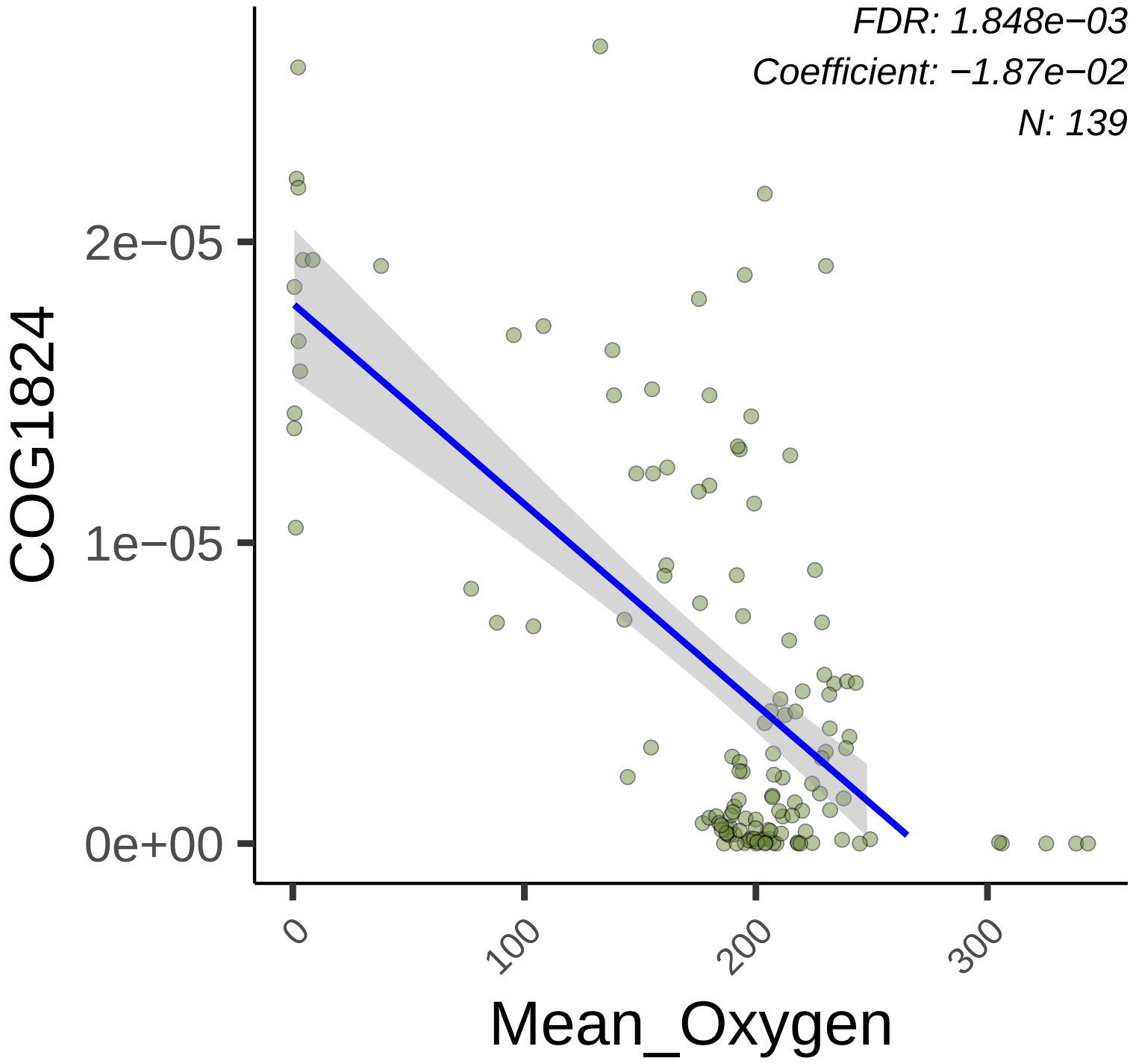
100
200
300
Mean_Oxygen


FDR: 1.848e−03
Coefficient: −1.87e−02
N: 139
COG1824
2e−05
1e−05
0e+00
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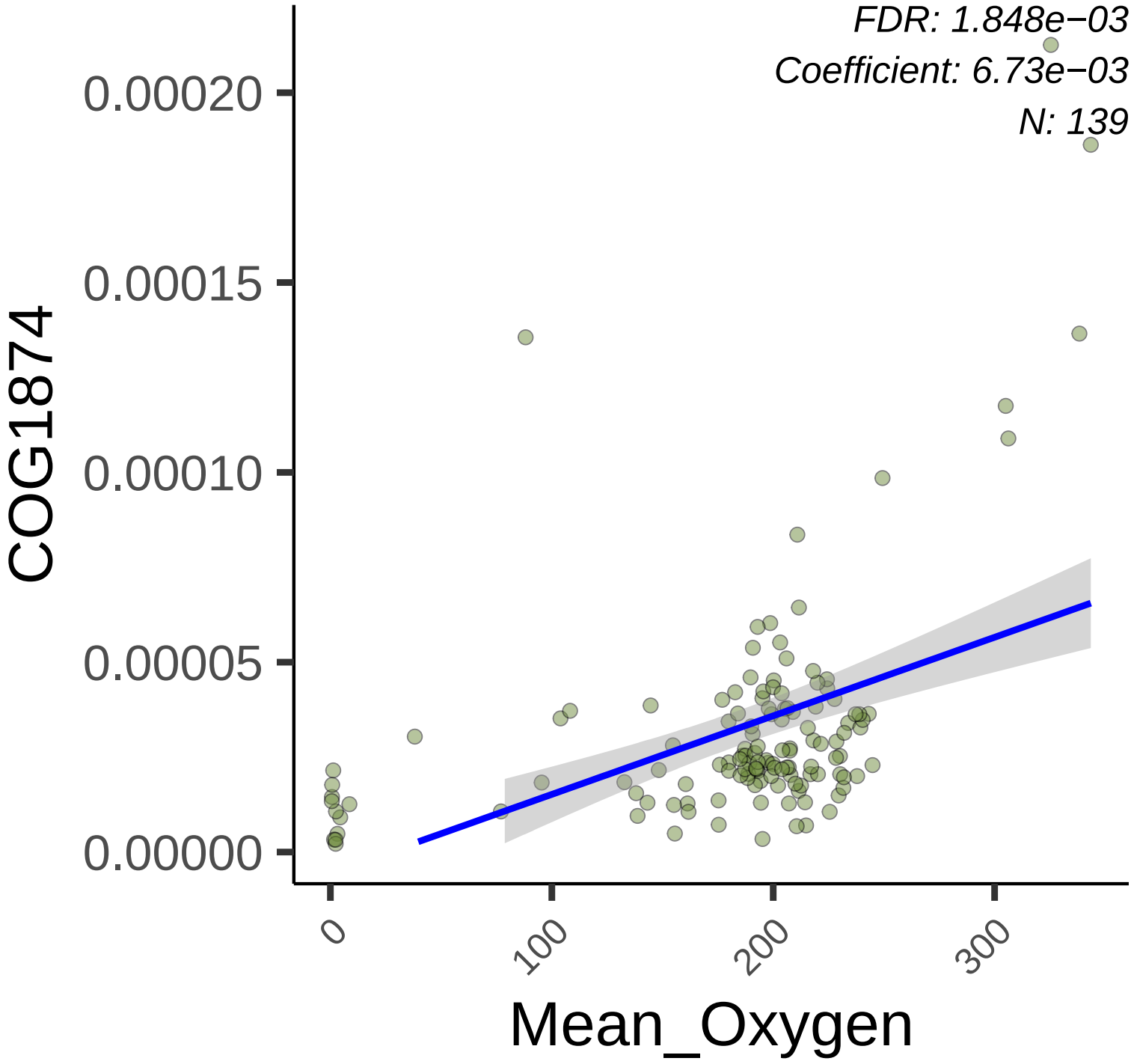
100
200
300
Mean_Oxygen


FDR: 1.848e−03
Coefficient: 6.73e−03
N: 139
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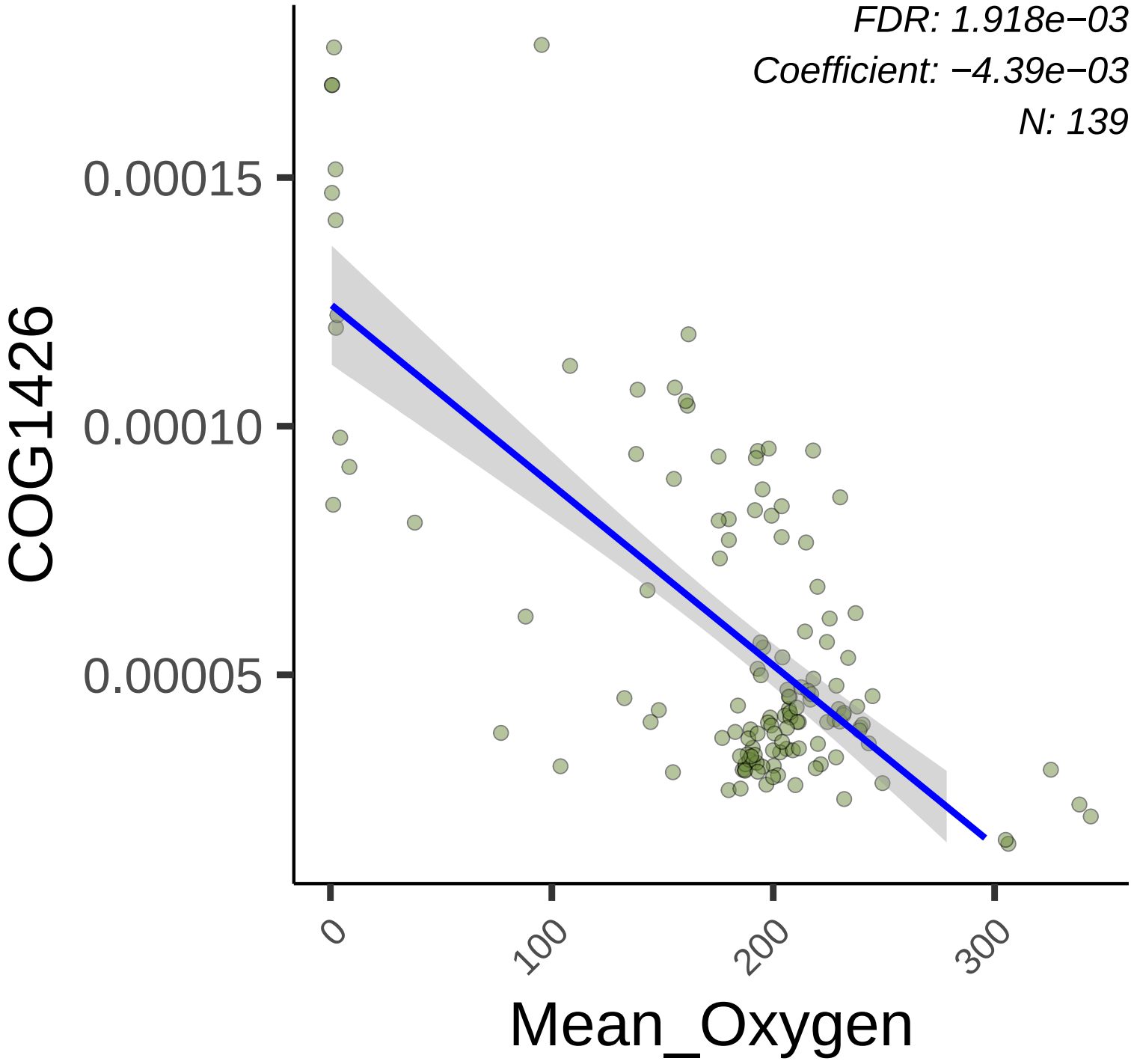
0.00010
0.00005
0.00000
0
100
200
300
Mean_Oxygen


FDR: 1.918e−03
Coefficient: −4.39e−03
N: 139
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0.00005
COG1426
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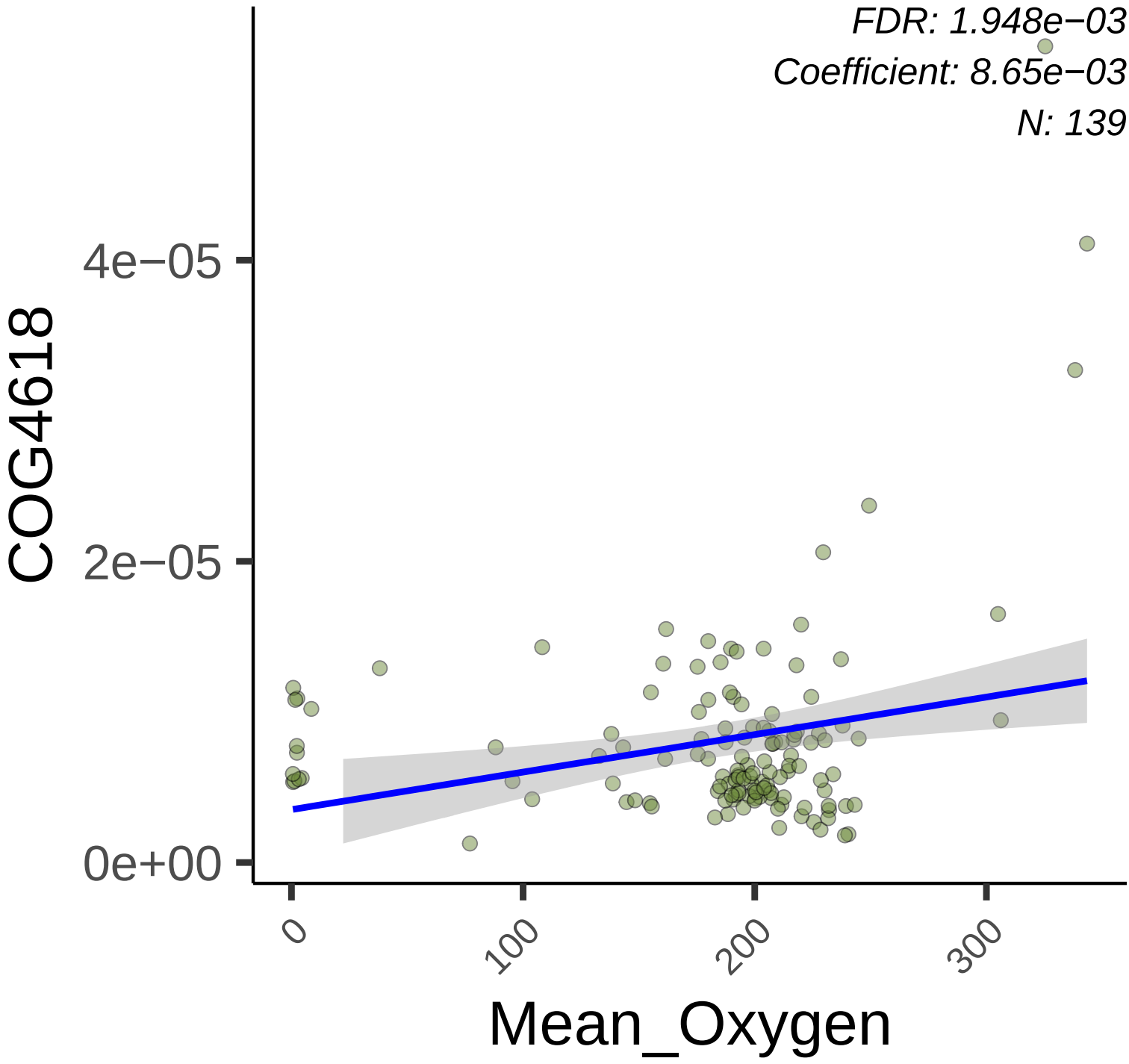
200
300
Mean_Oxygen


FDR: 1.948e−03
Coefficient: 8.65e−03
N: 139
COG4618
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2e−05
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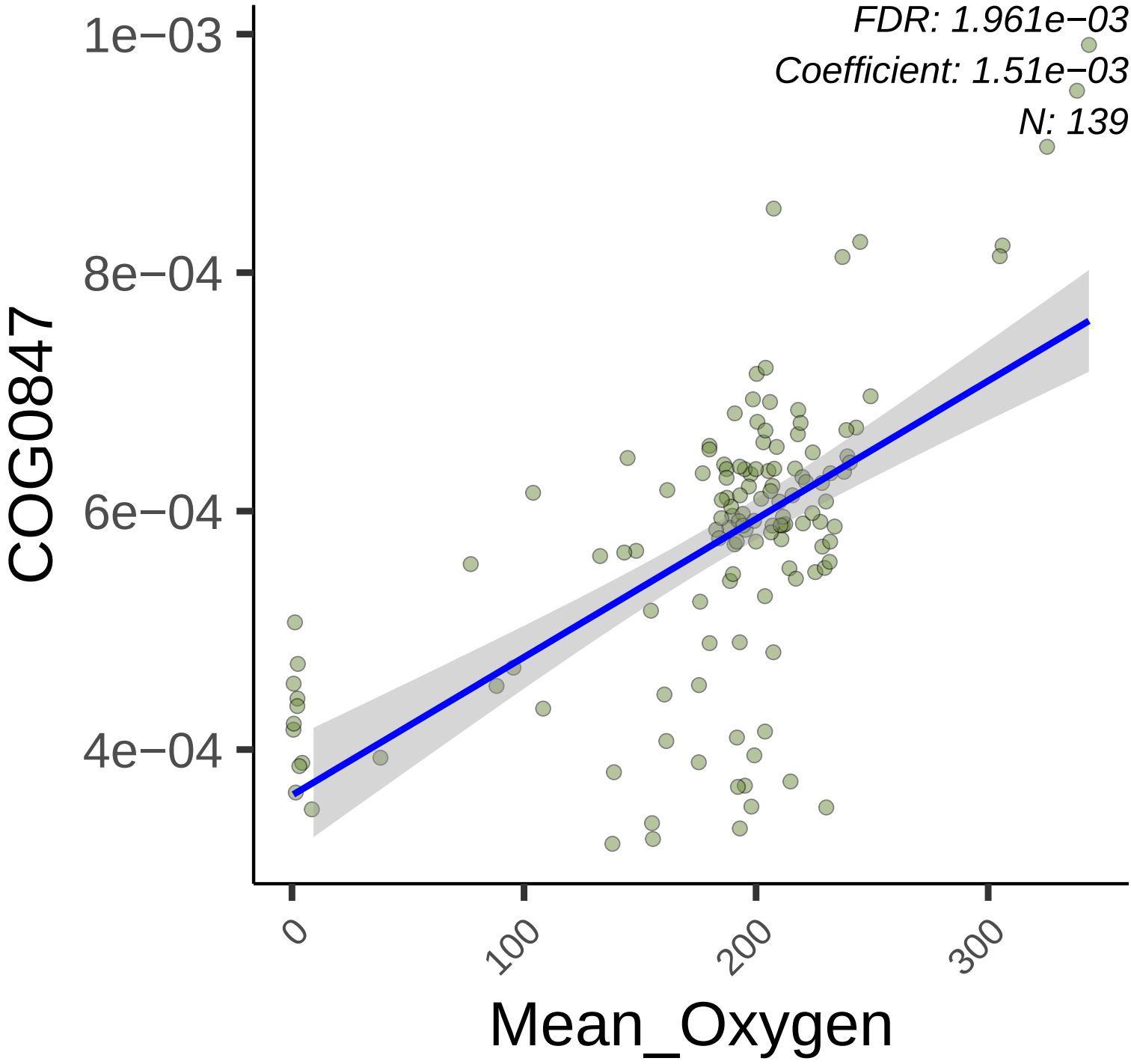
200
300
Mean_Oxygen


FDR: 1.961e−03
Coefficient: 1.51e−03
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4e−04
COG0847
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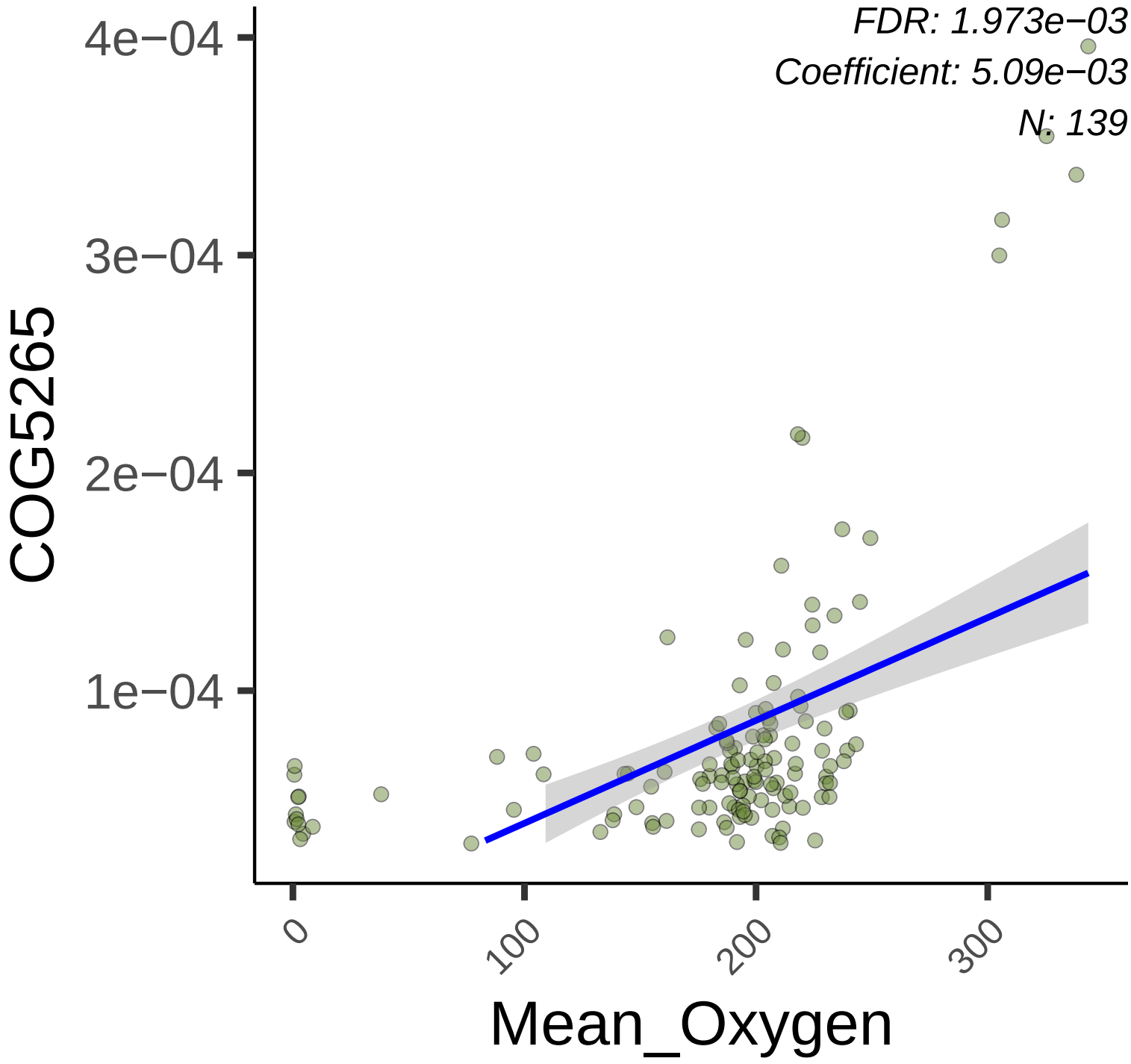
100
200
300
Mean_Oxygen


FDR: 1.973e−03
Coefficient: 5.09e−03
N: 139
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2e−04
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COG5265
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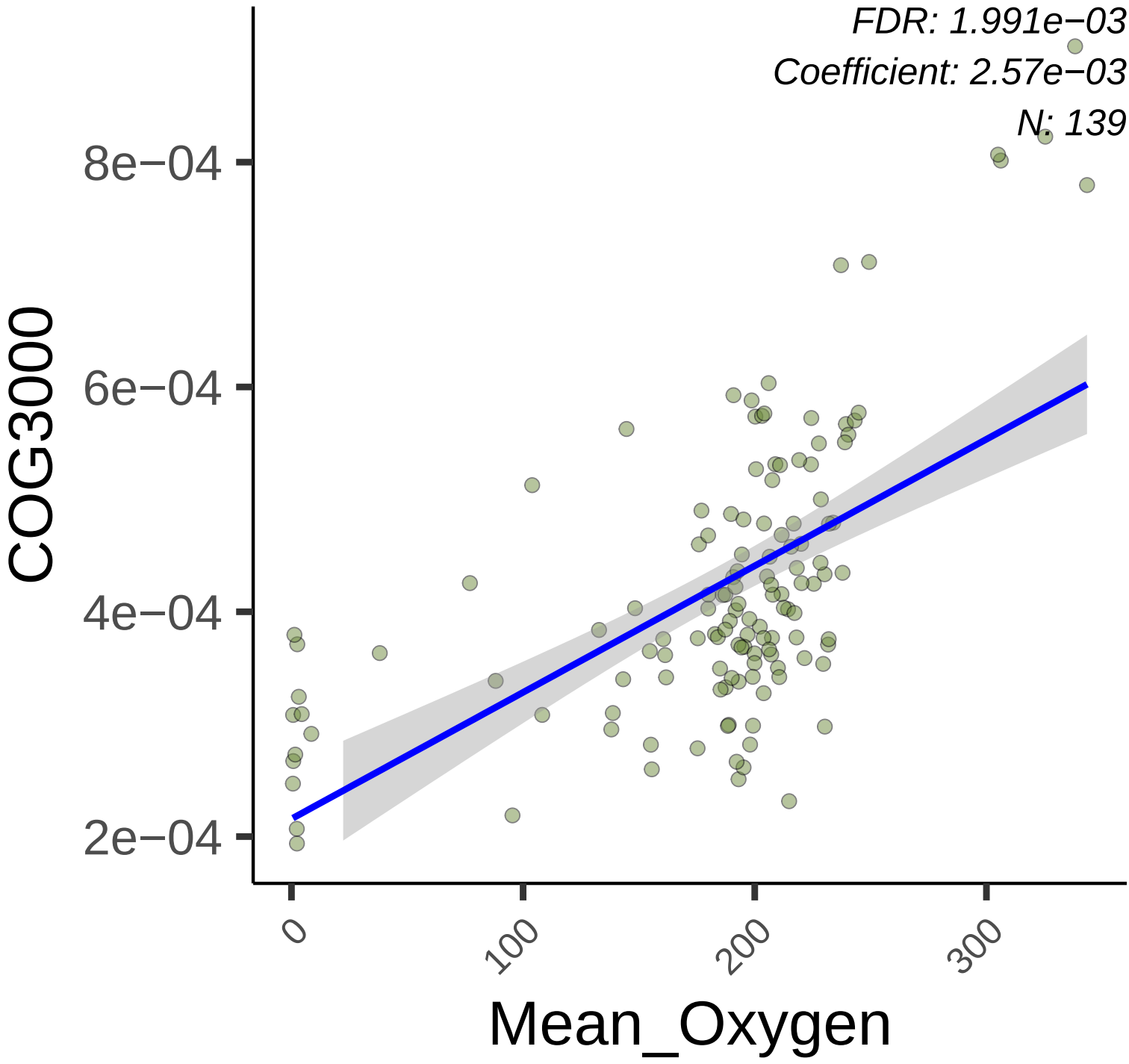
200
300
Mean_Oxygen


FDR: 1.991e−03
Coefficient: 2.57e−03
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6e−04
4e−04
2e−04
COG3000
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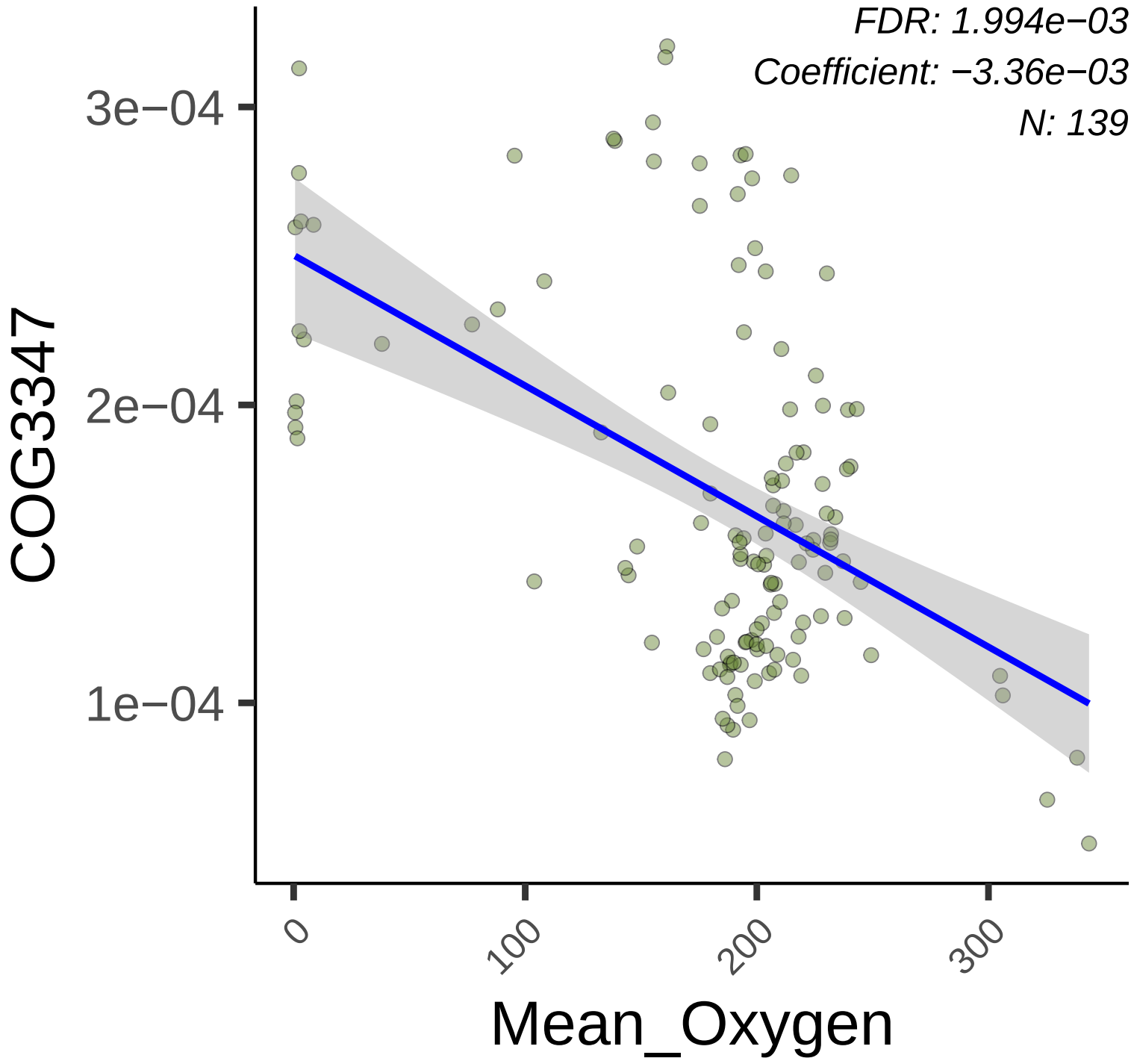
200
300
Mean_Oxygen


FDR: 1.994e−03
Coefficient: −3.36e−03
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COG3347
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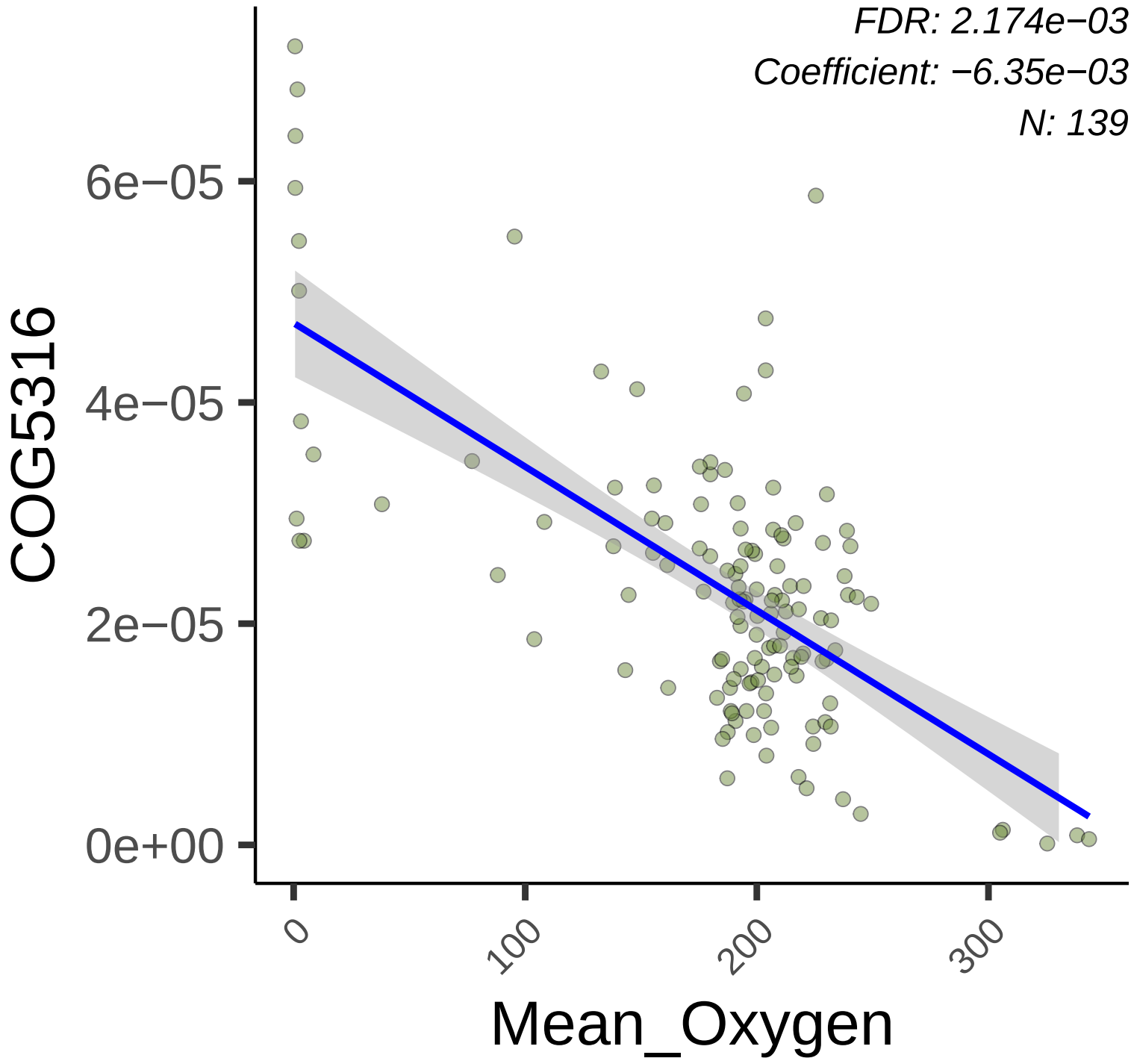
200
300
Mean_Oxygen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Coefficient: −6.35e−03
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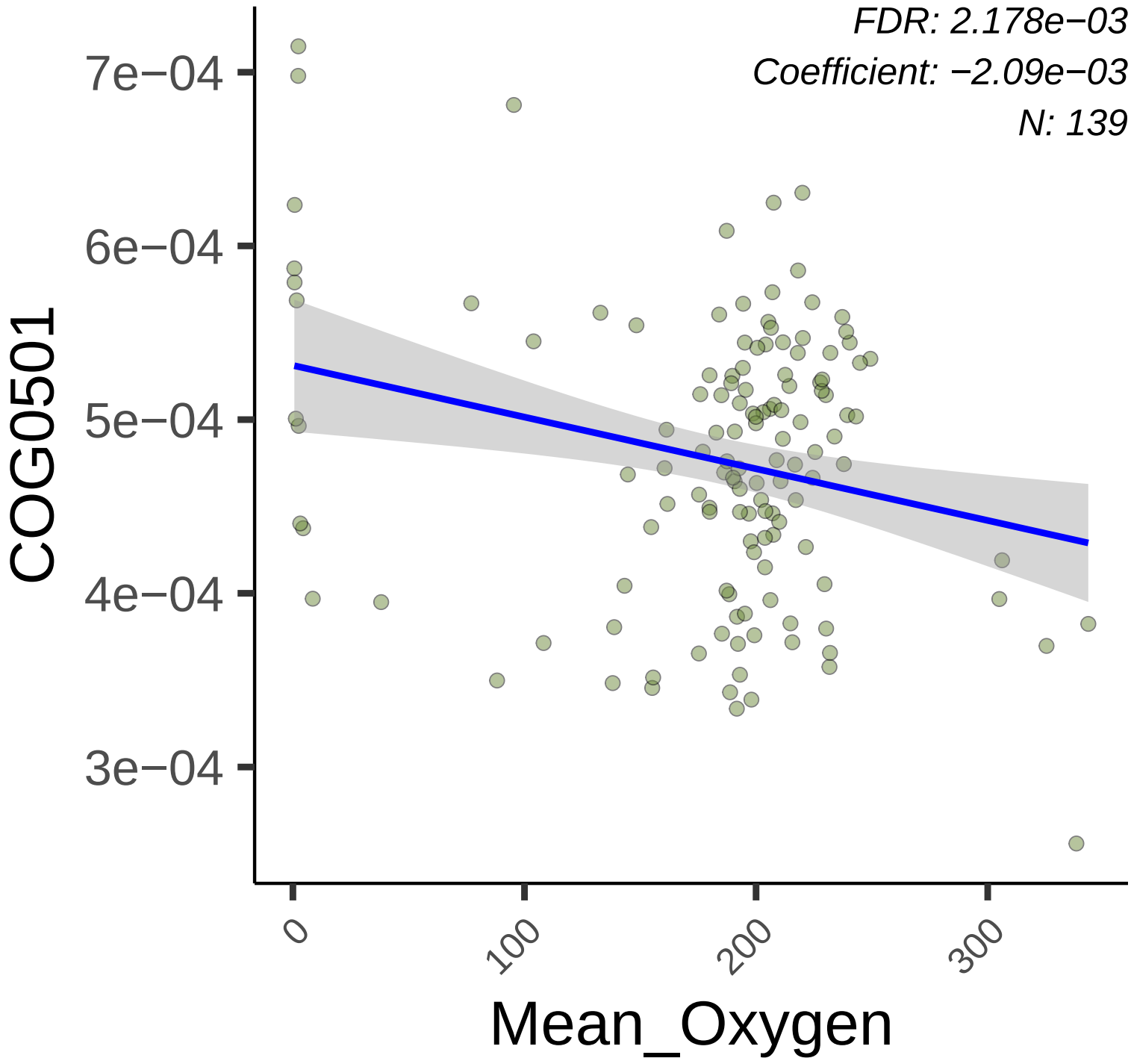
300
Mean_Oxygen


FDR: 2.178e−03
Coefficient: −2.09e−03
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COG0501
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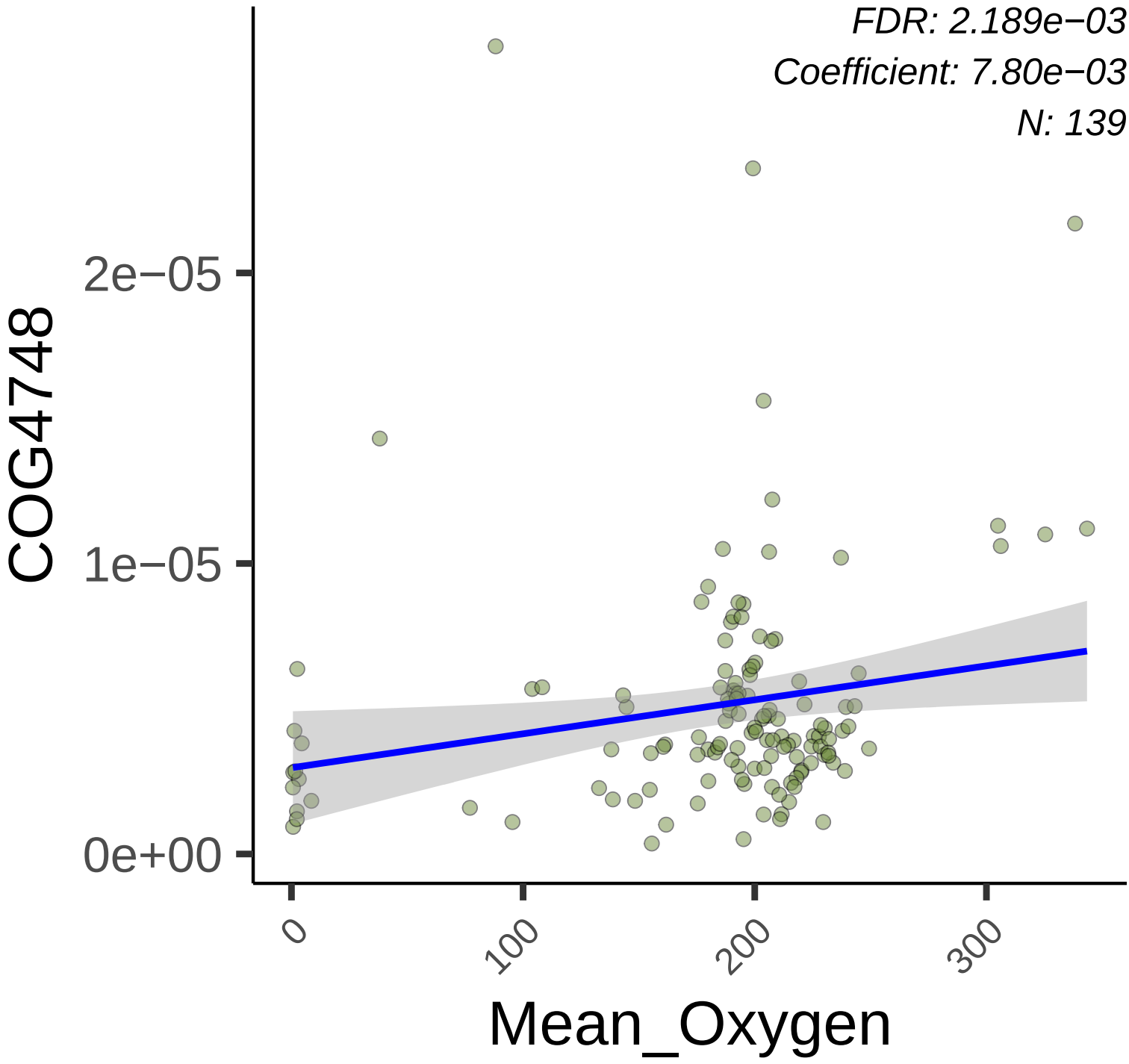
300
Mean_Oxygen


FDR: 2.189e−03
Coefficient: 7.80e−03
N: 139
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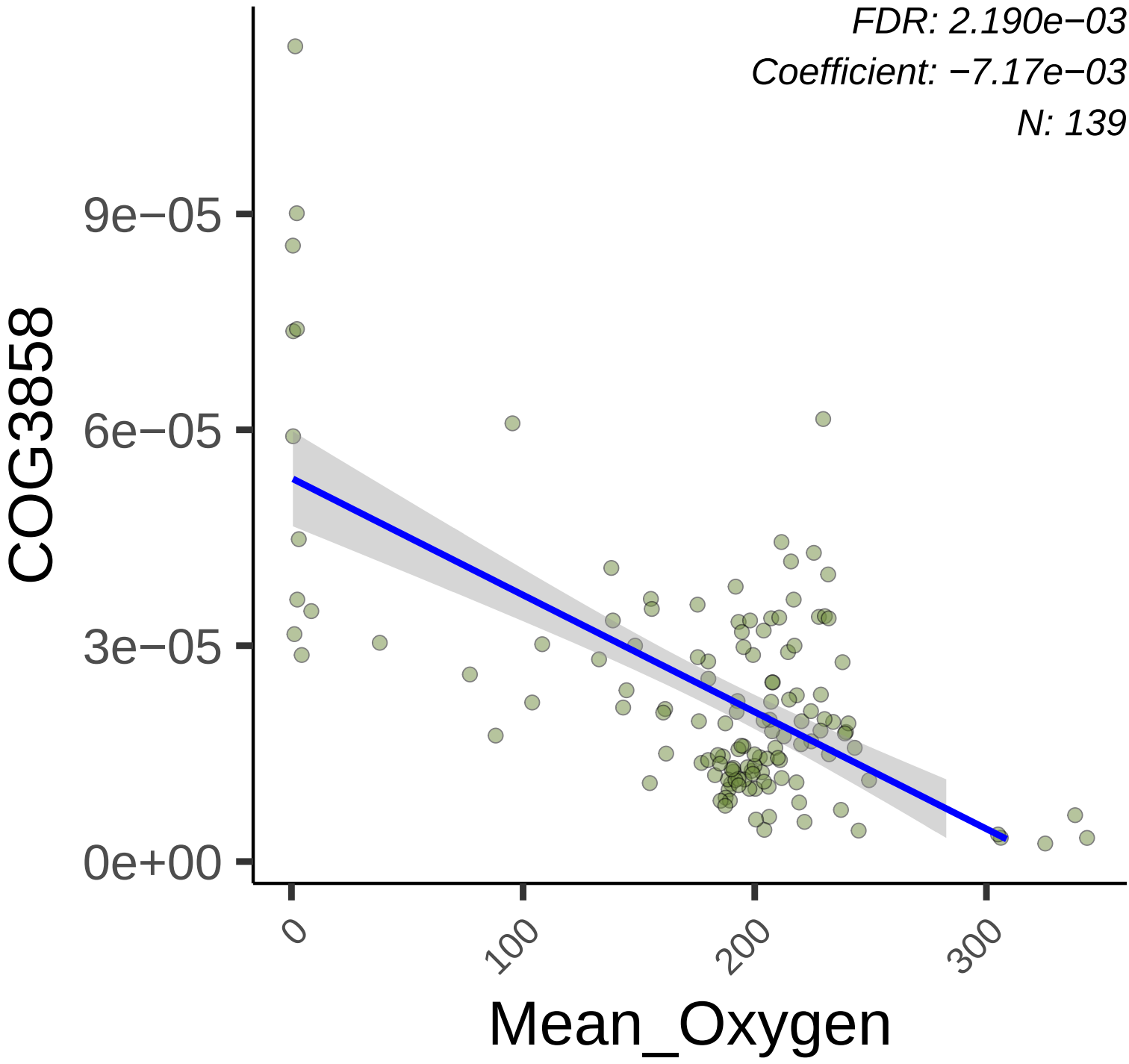
Mean_Oxygen


FDR: 2.190e−03
Coefficient: −7.17e−03
N: 139
COG3858
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0e+00
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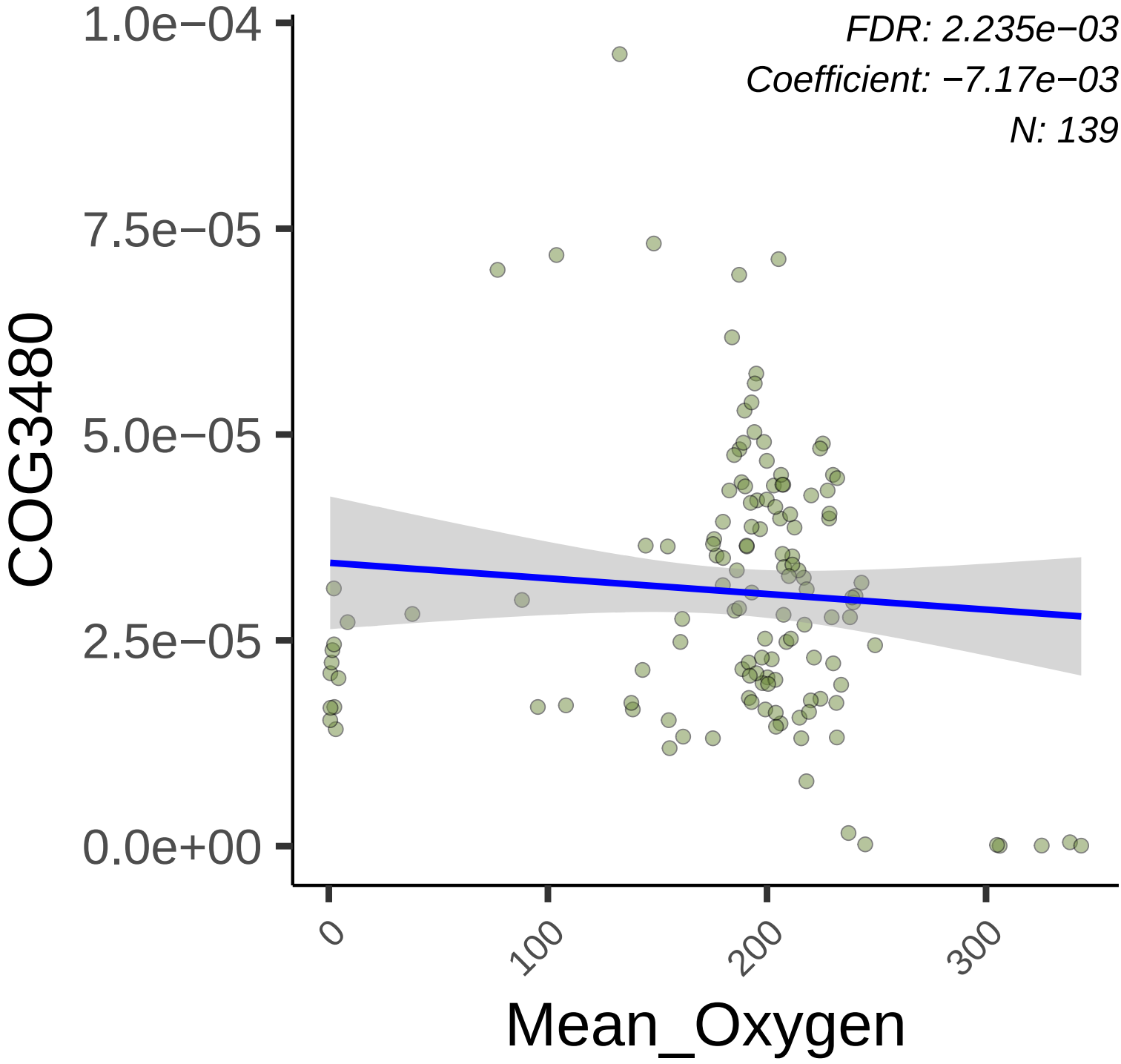
200
300
Mean_Oxygen


FDR: 2.235e−03
Coefficient: −7.17e−03
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COG3480
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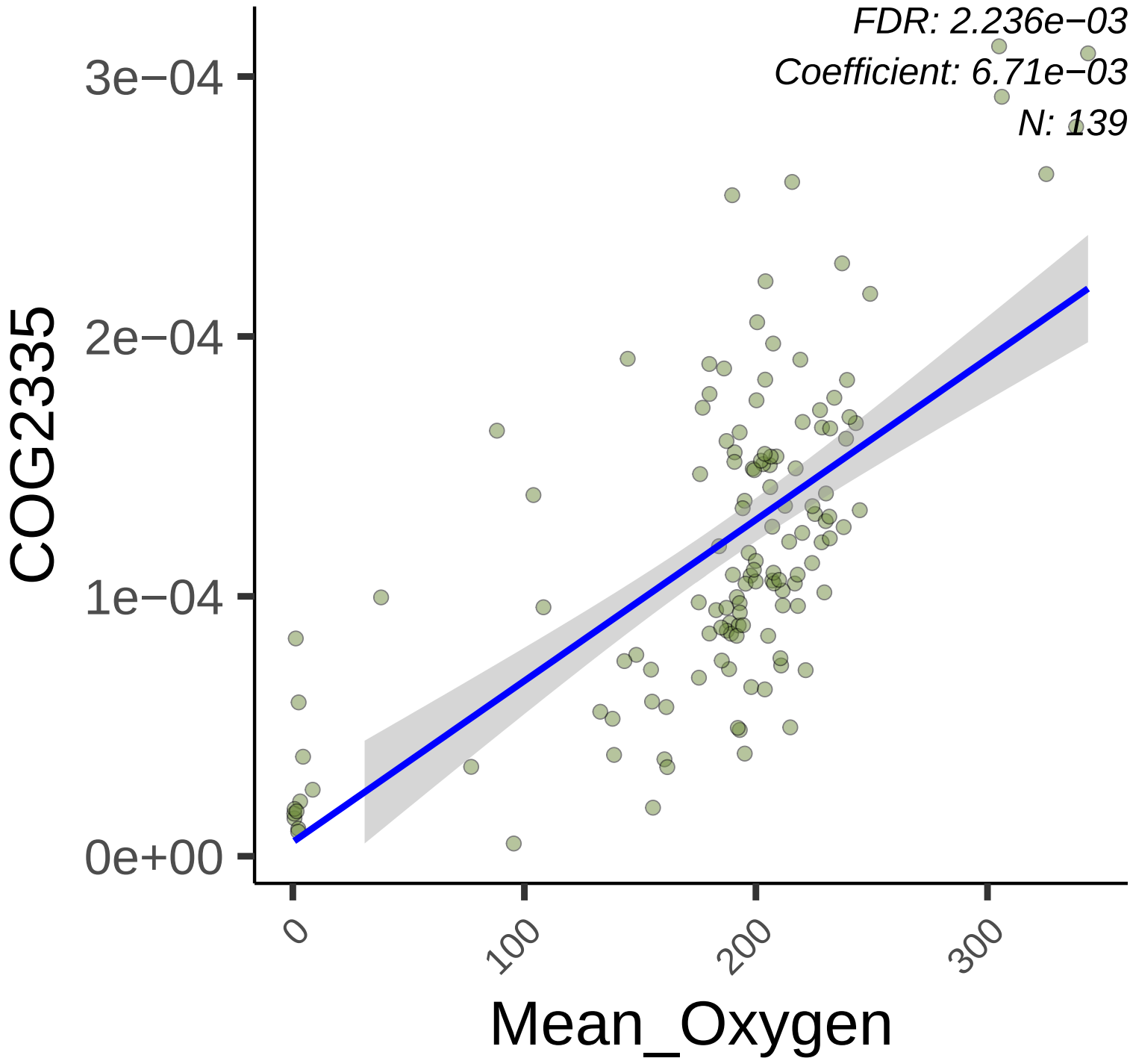
200
300
Mean_Oxygen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Coefficient: 6.71e−03
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COG2335
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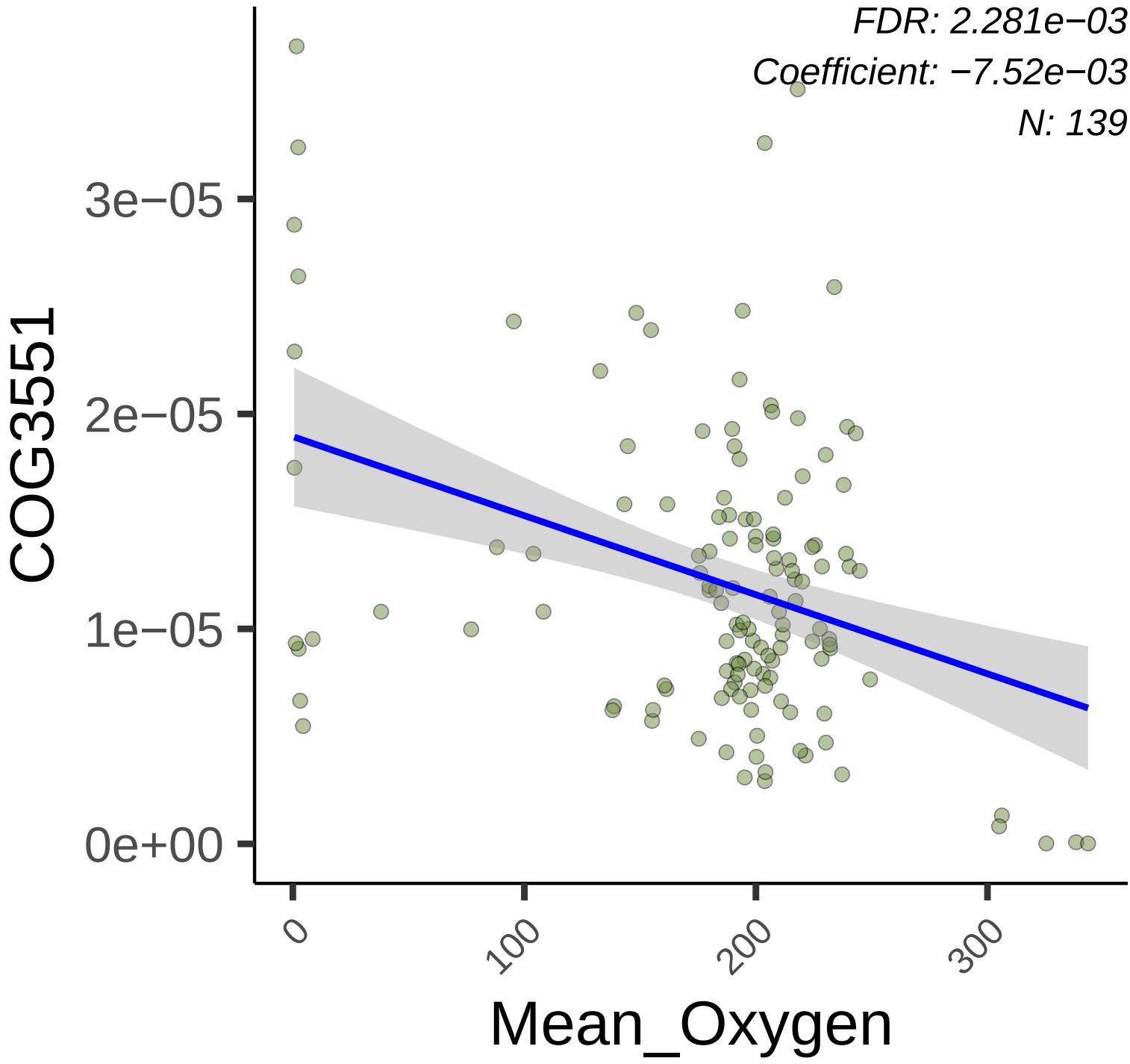
200
300
Mean_Oxygen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Coefficient: −7.52e−03
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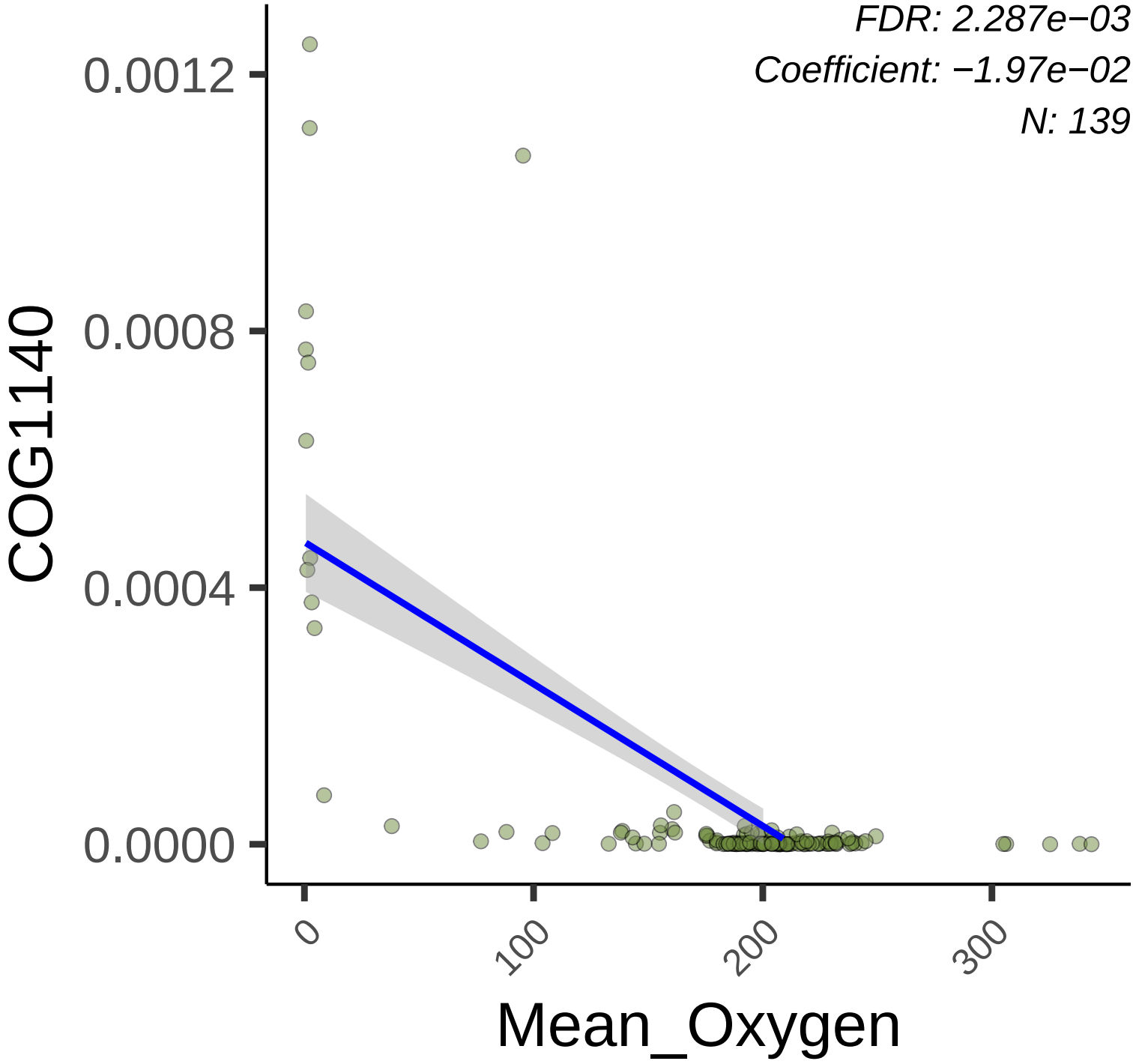
200
300
Mean_Oxygen


FDR: 2.287e−03
Coefficient: −1.97e−02
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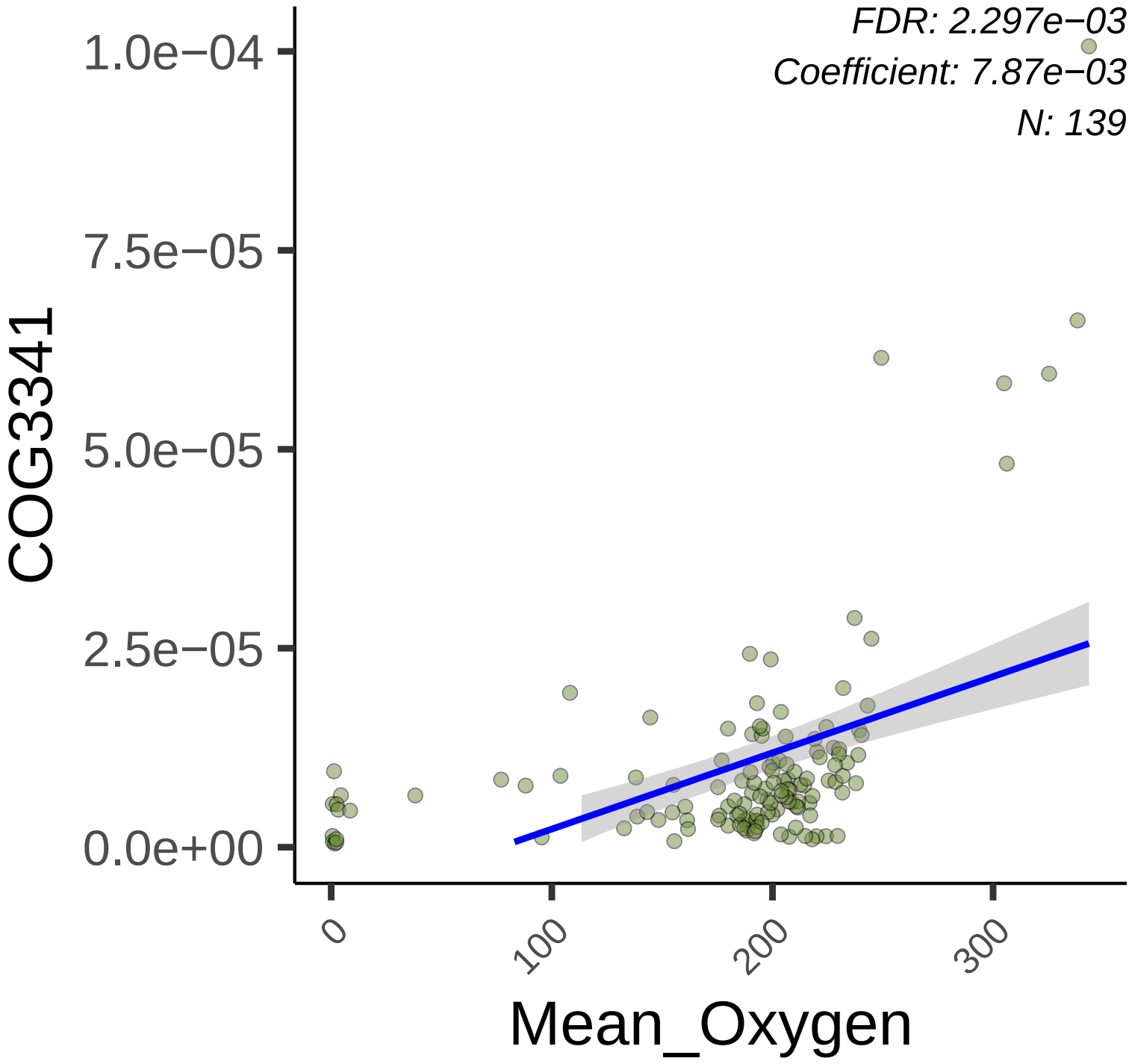
Mean_Oxygen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Coefficient: 7.87e−03
N: 139
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COG3341
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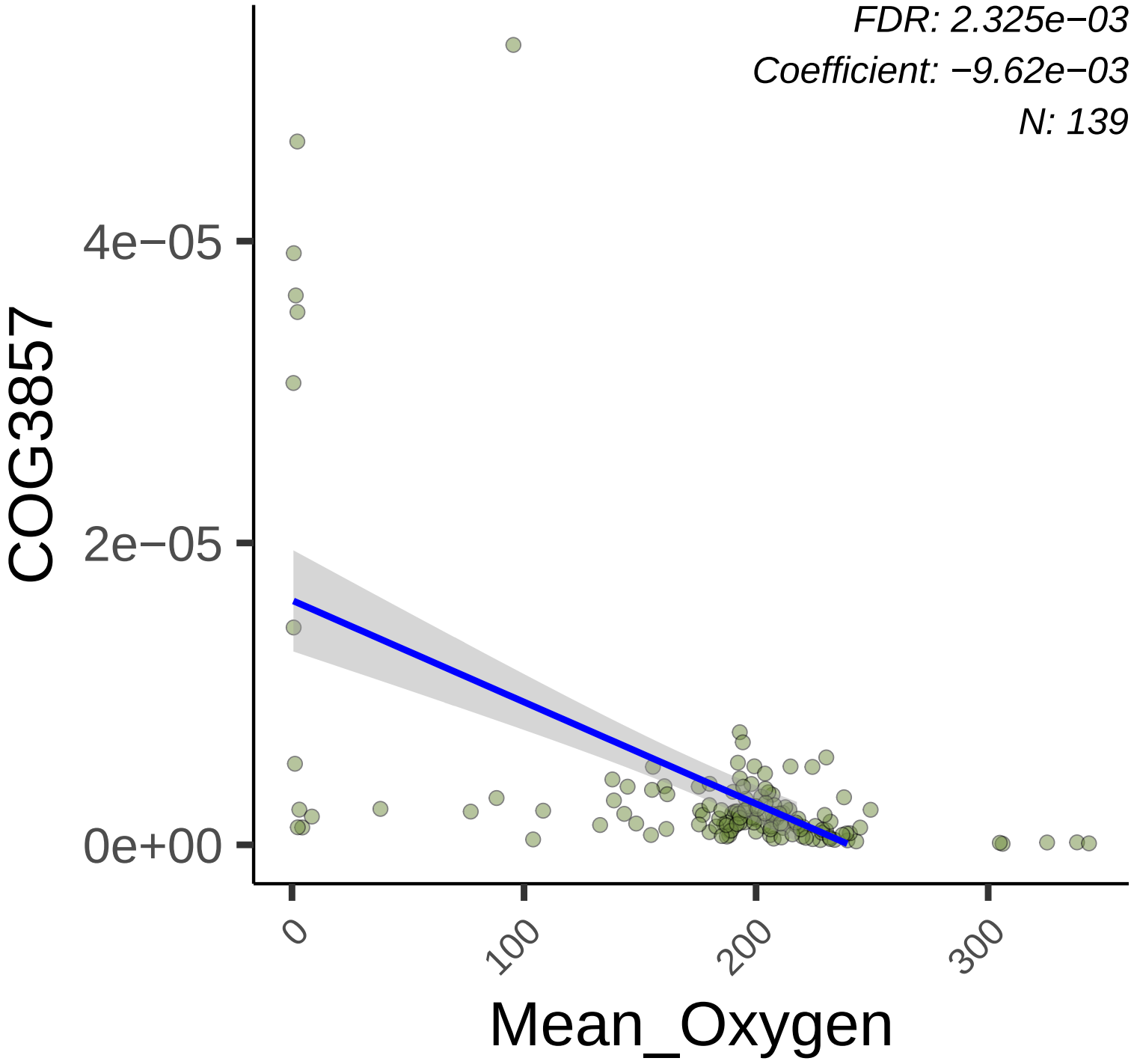
200
300
Mean_Oxygen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Coefficient: −9.62e−03
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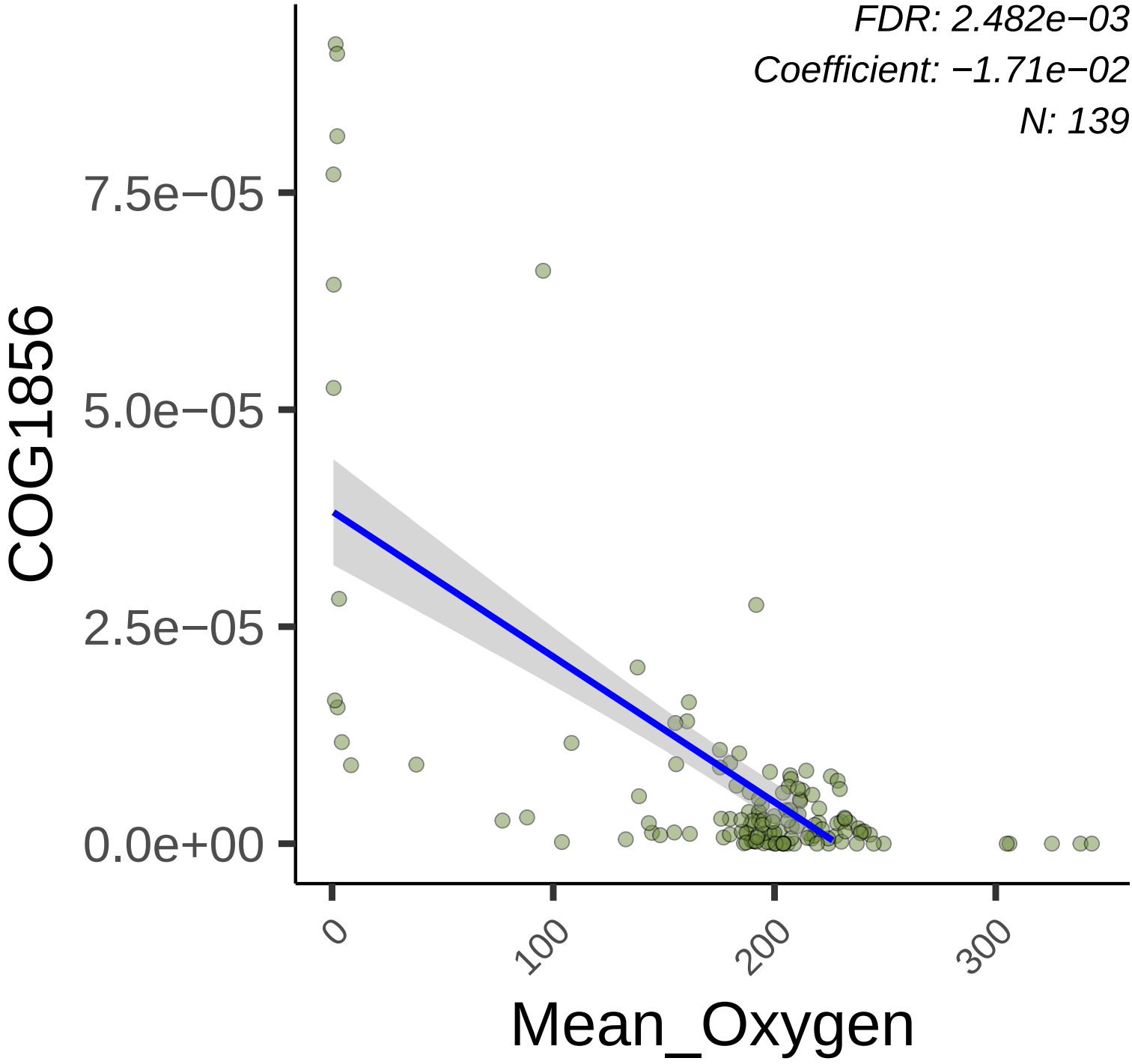
200
300
Mean_Oxygen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Coefficient: −1.71e−02
N: 139
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2.5e−05
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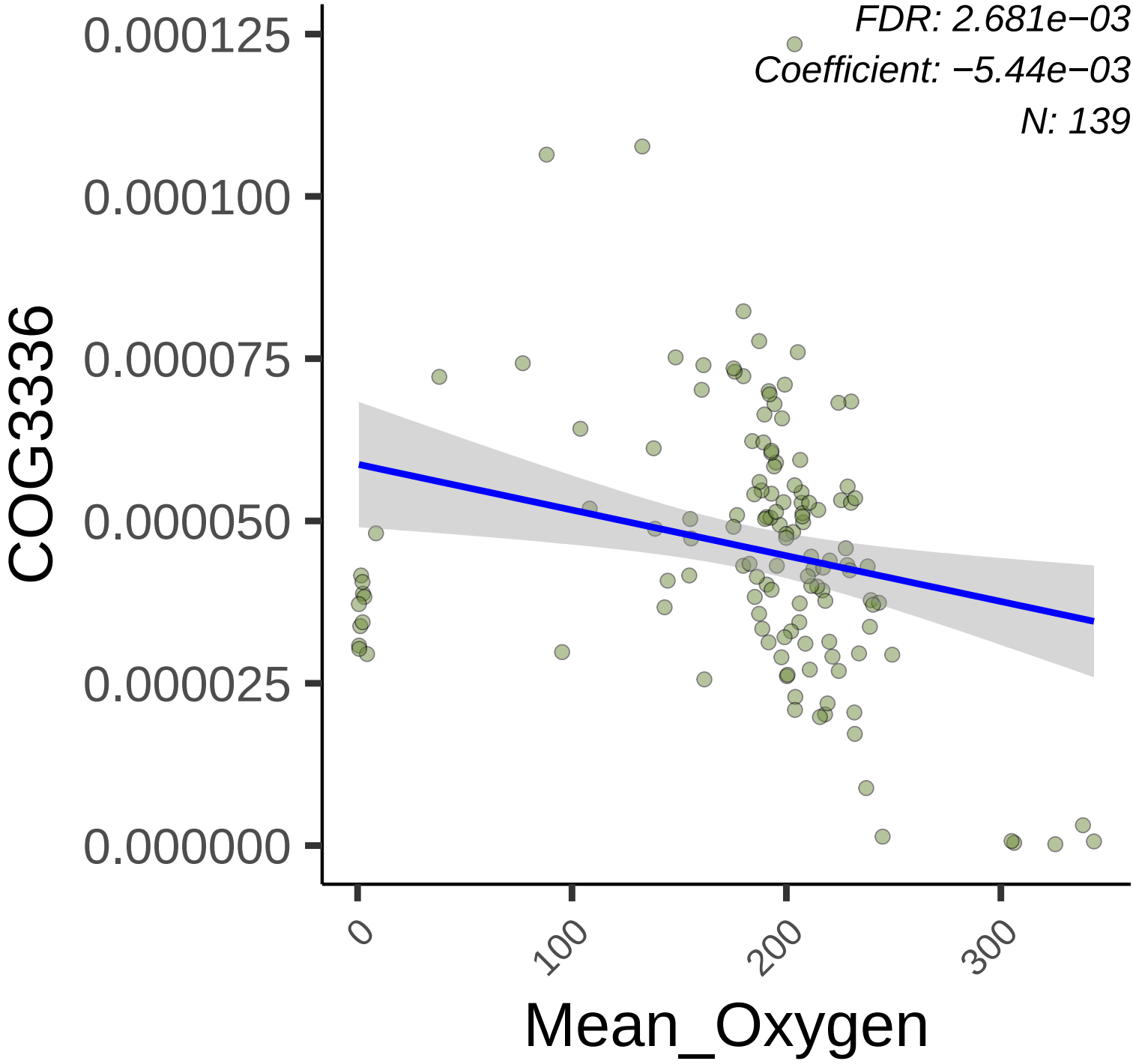
100
200
300
Mean_Oxygen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Coefficient: −5.44e−03
N: 139
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COG3336
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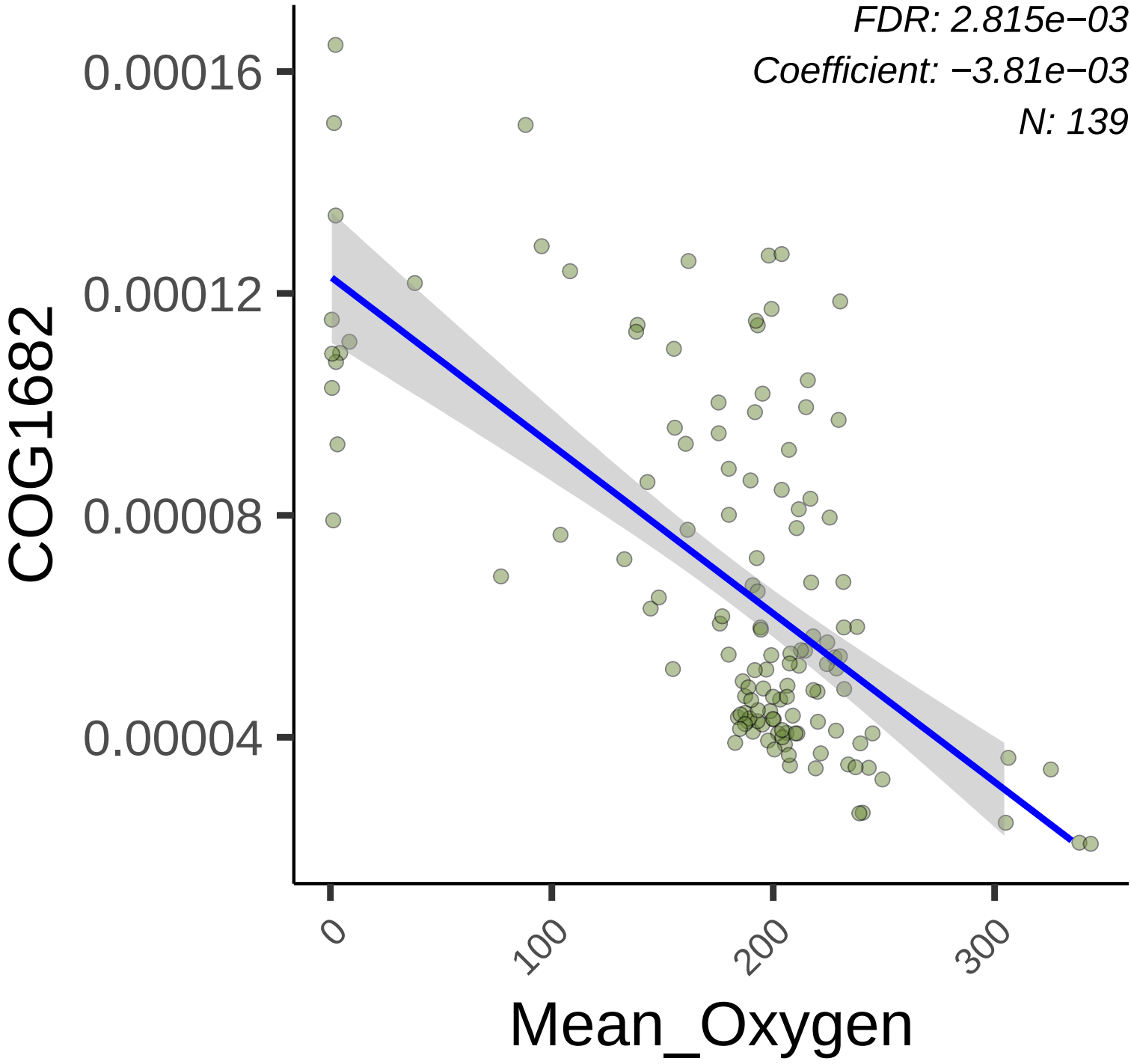
200
300
Mean_Oxygen


FDR: 2.815e−03
Coefficient: −3.81e−03
N: 139
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0.00004
COG1682
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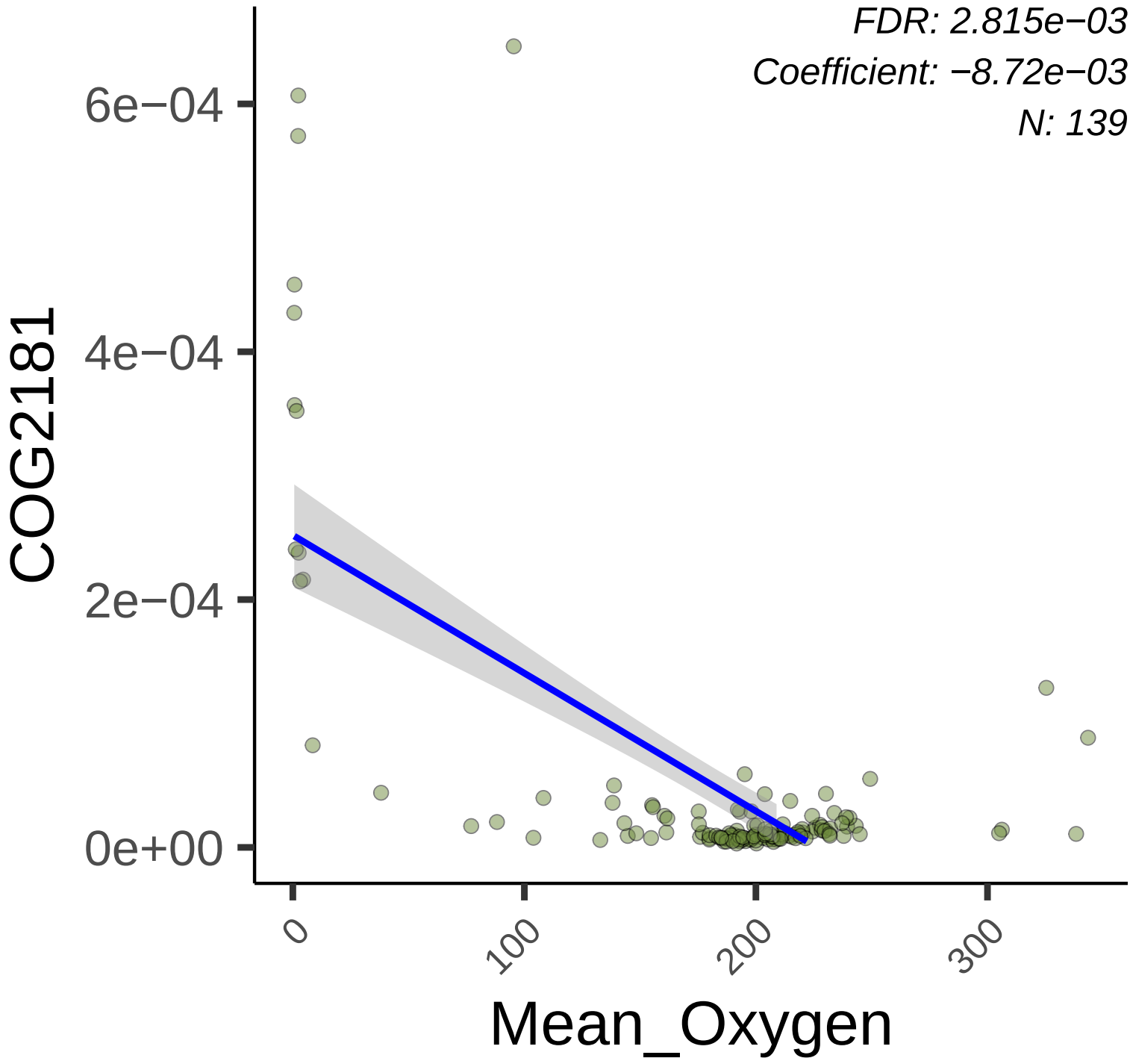
200
300
Mean_Oxygen


FDR: 2.815e−03
Coefficient: −8.72e−03
N: 139
COG2181
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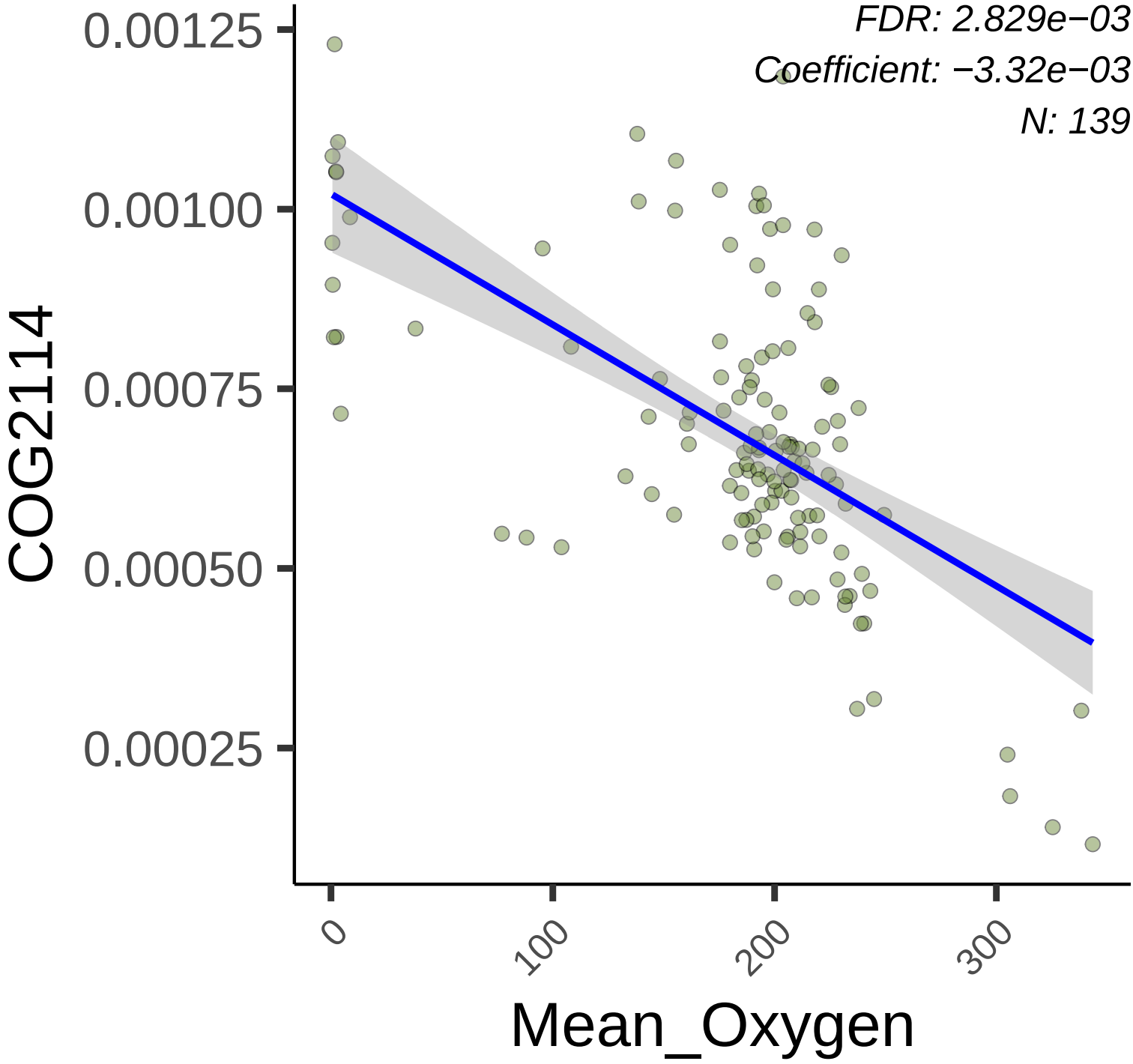
300
Mean_Oxygen


FDR: 2.829e−03
Coefficient: −3.32e−03
N: 139
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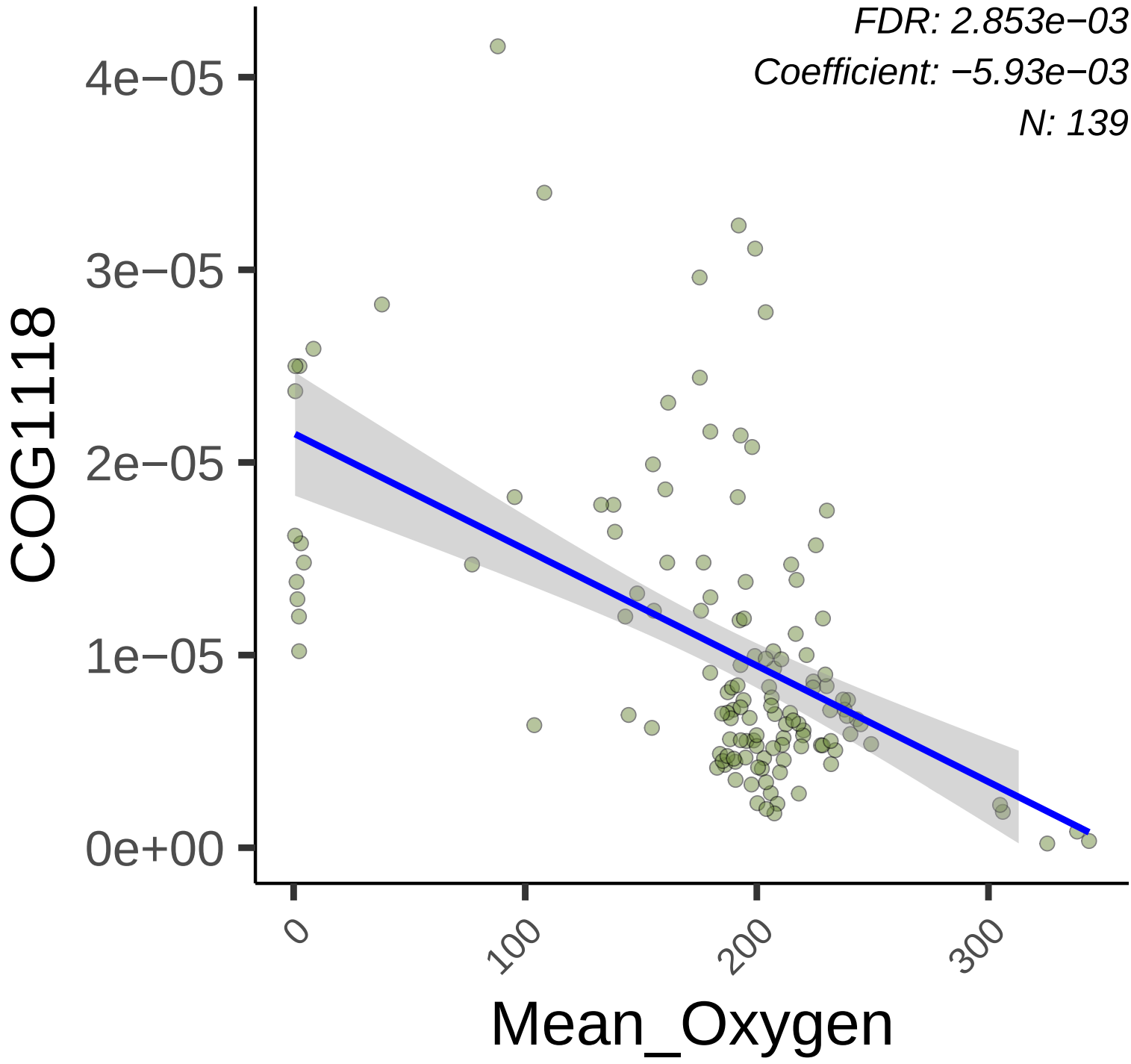
0.00075
0.00050
0.00025
COG2114
0
100
200
300
Mean_Oxygen


FDR: 2.853e−03
Coefficient: −5.93e−03
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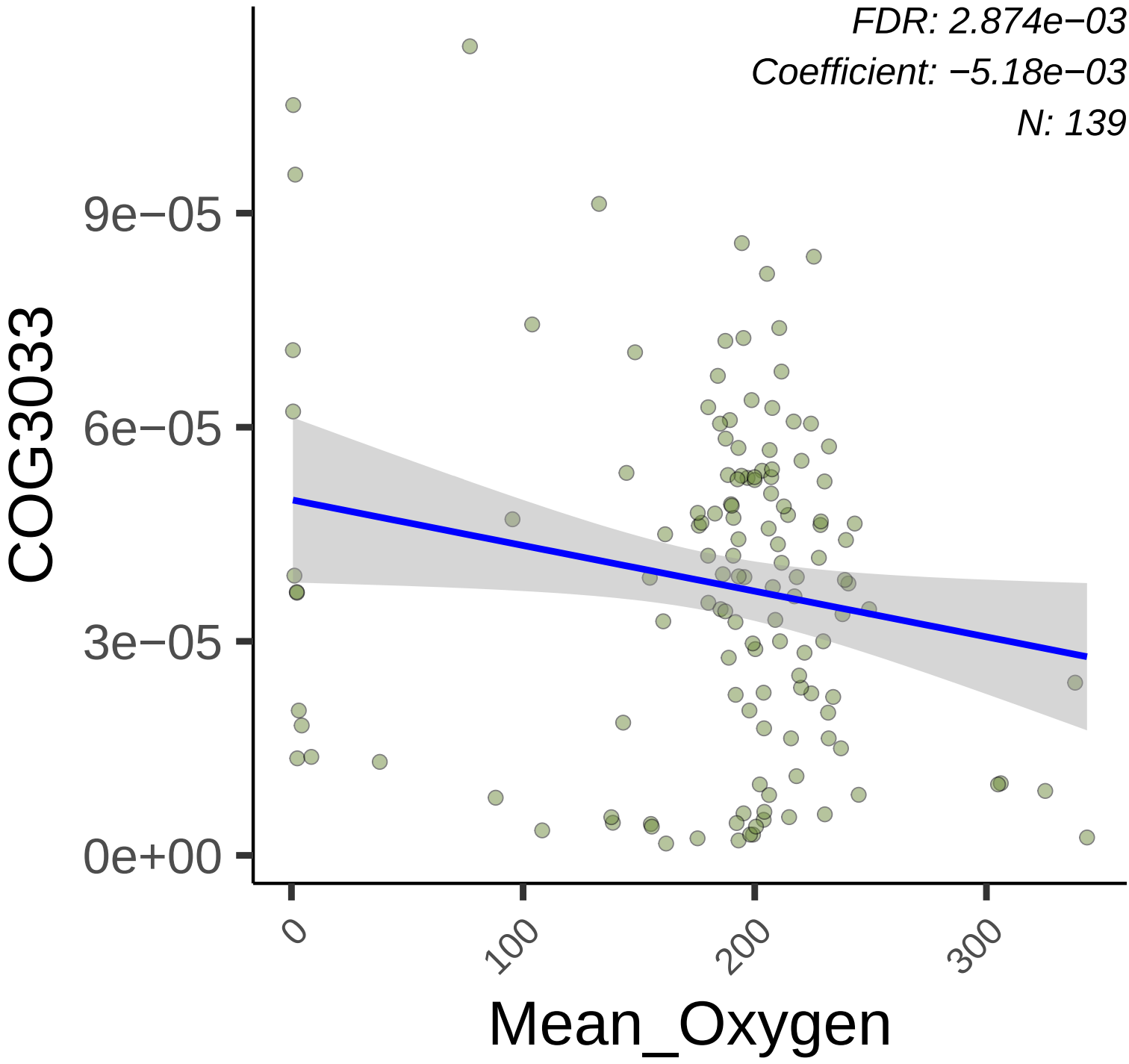
Mean_Oxygen


FDR: 2.874e−03
Coefficient: −5.18e−03
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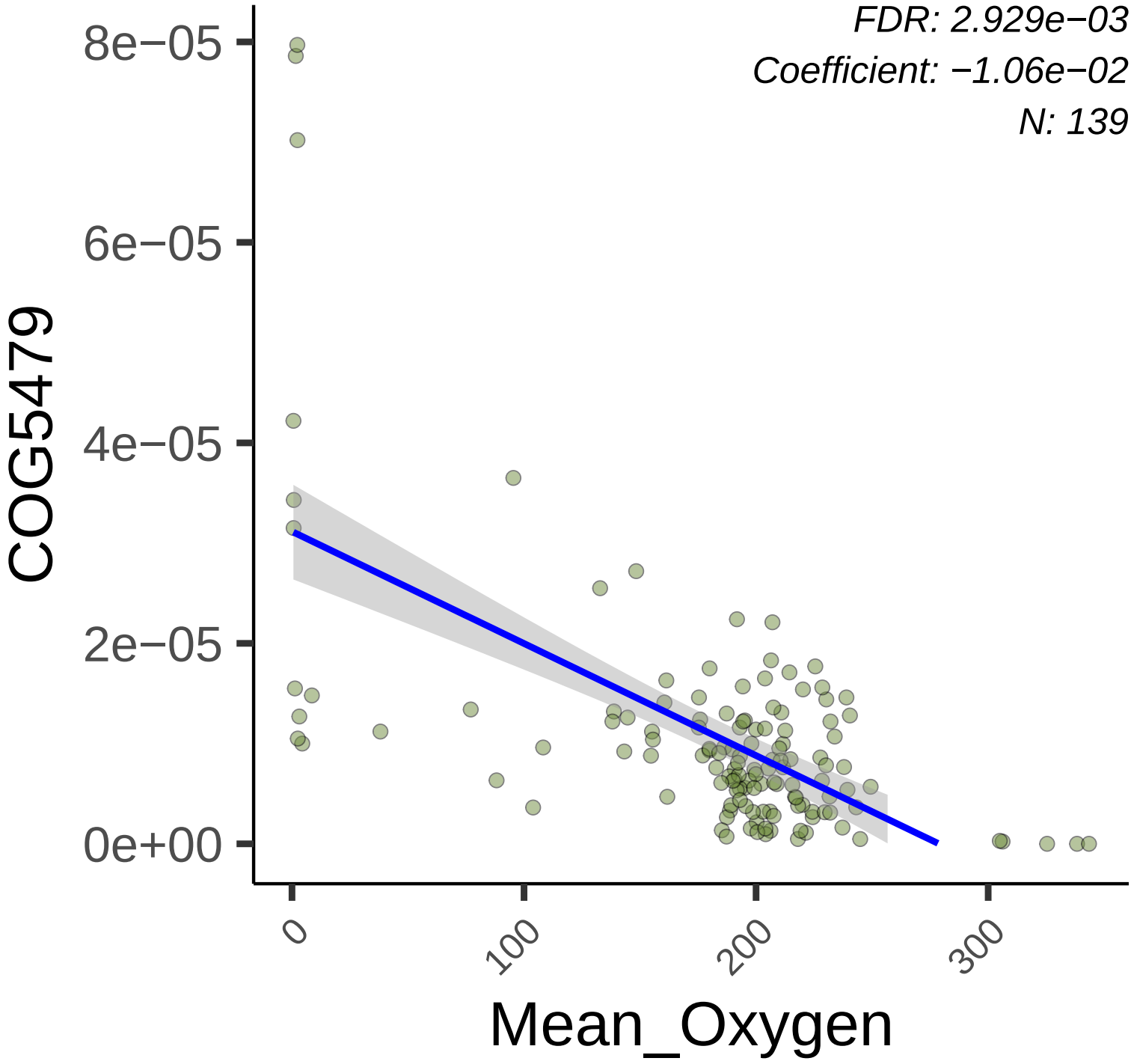
Mean_Oxygen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Coefficient: −1.06e−02
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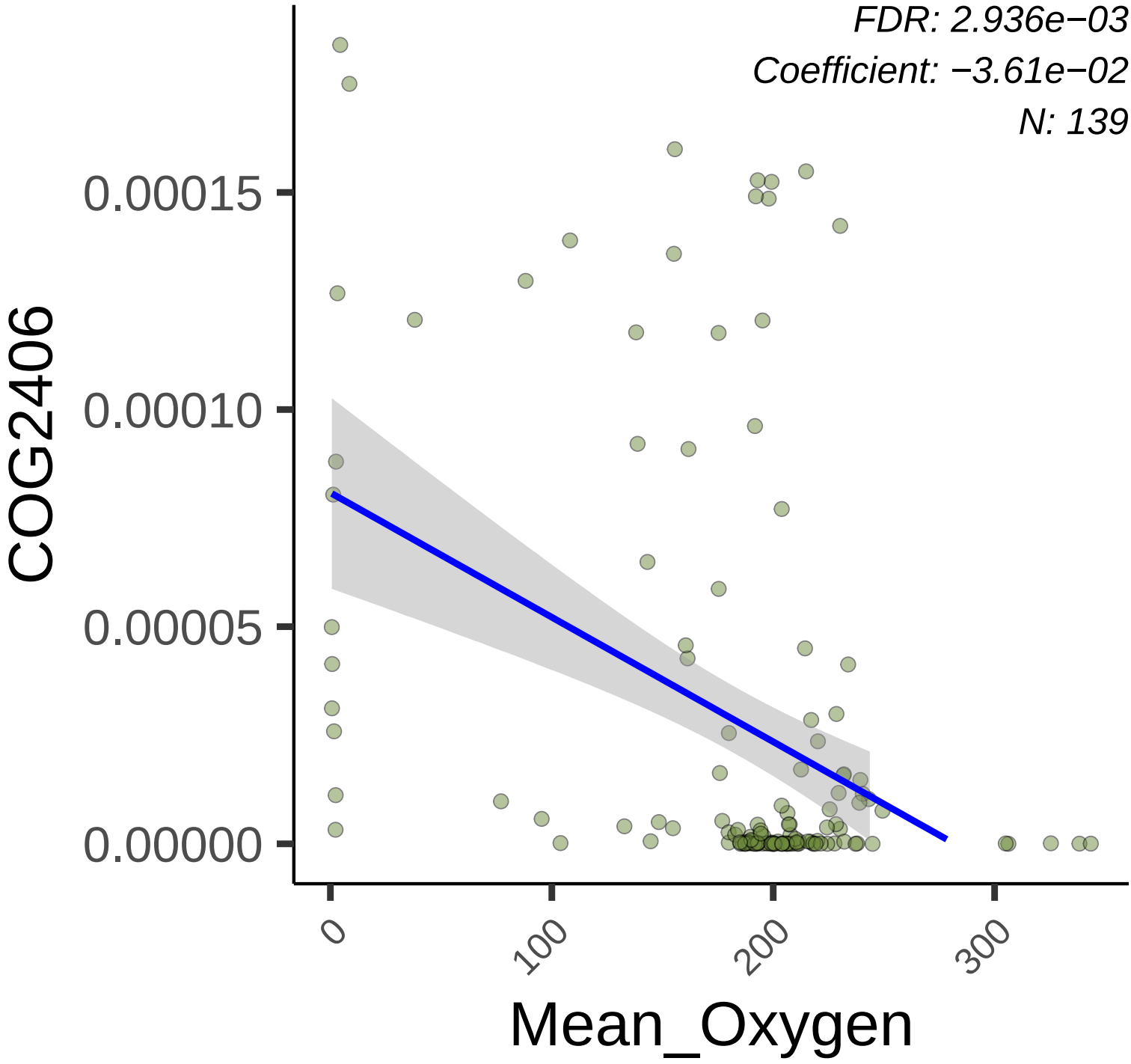
Mean_Oxygen


FDR: 2.936e−03
Coefficient: −3.61e−02
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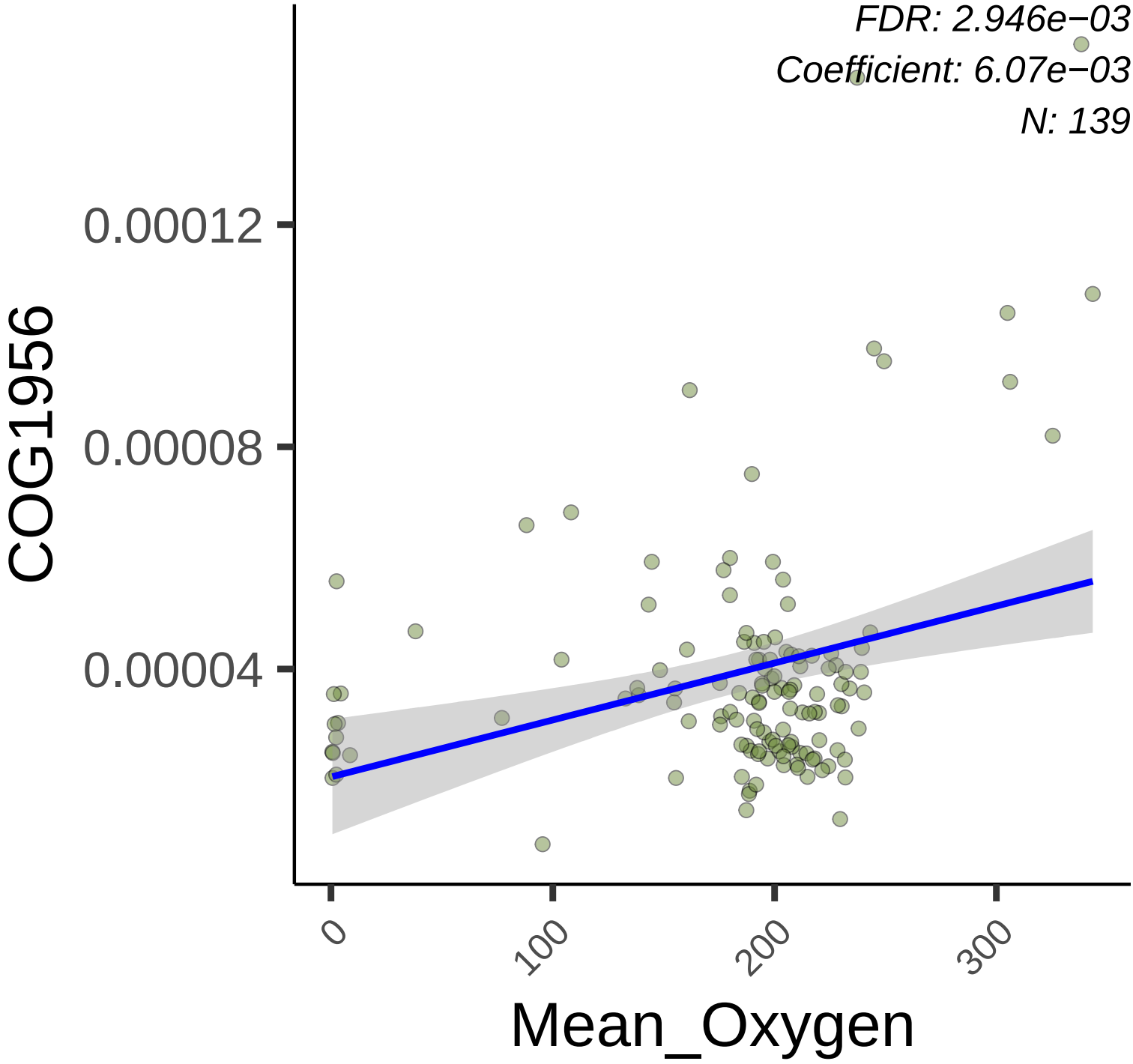
Mean_Oxygen


FDR: 2.946e−03
Coefficient: 6.07e−03
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COG1956
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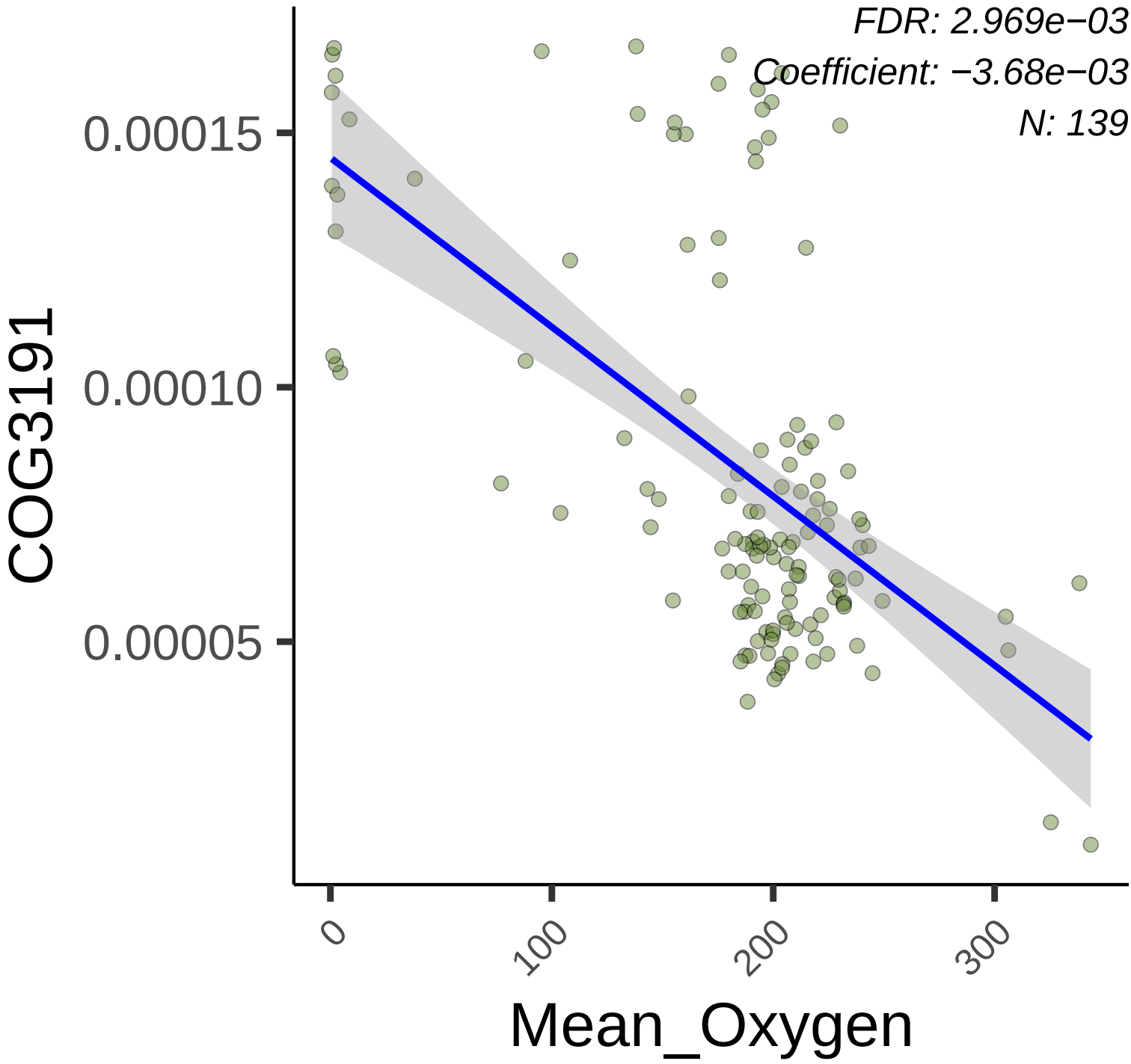
Mean_Oxygen


FDR: 2.969e−03
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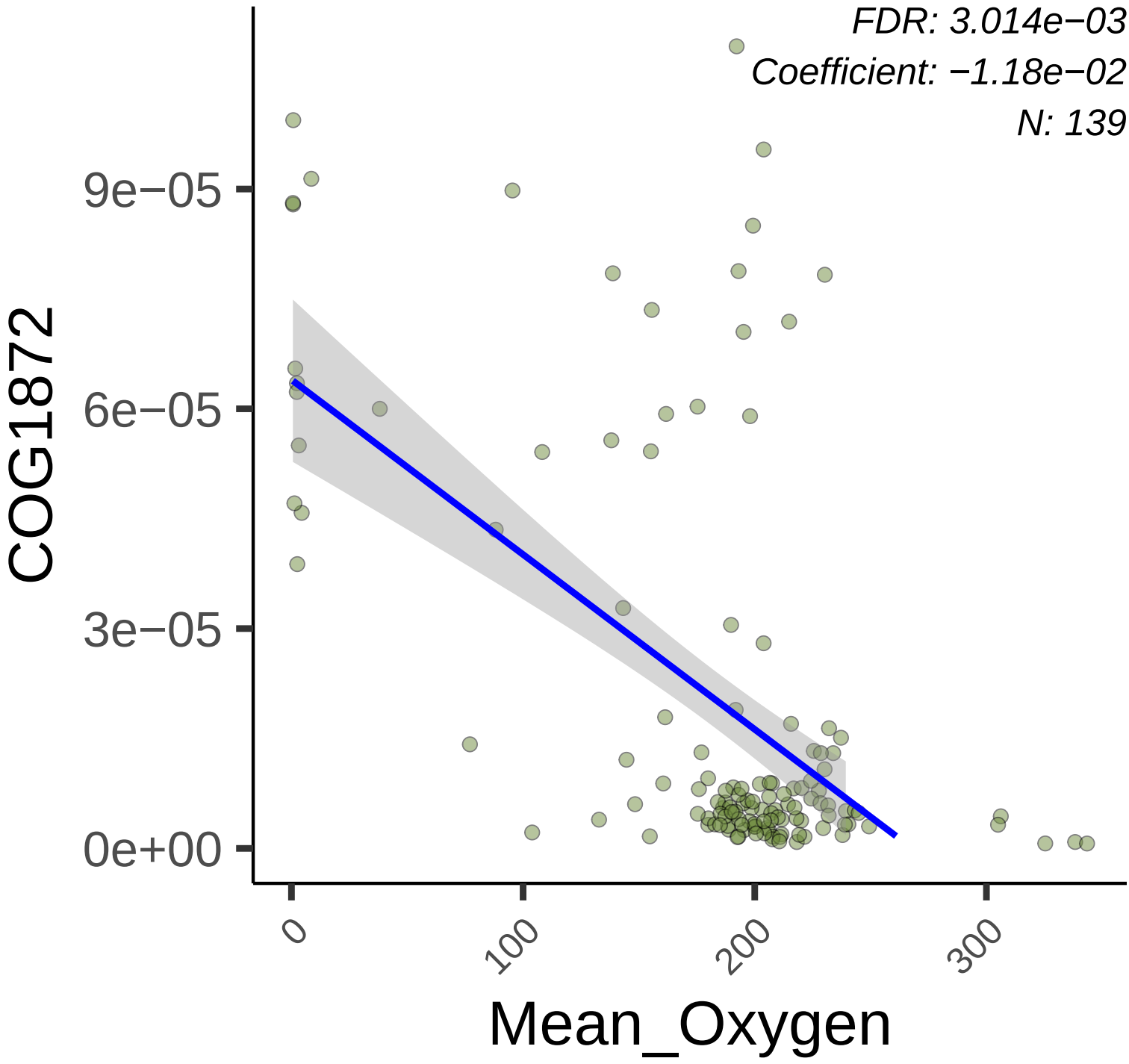
Mean_Oxygen


FDR: 3.014e−03
Coefficient: −1.18e−02
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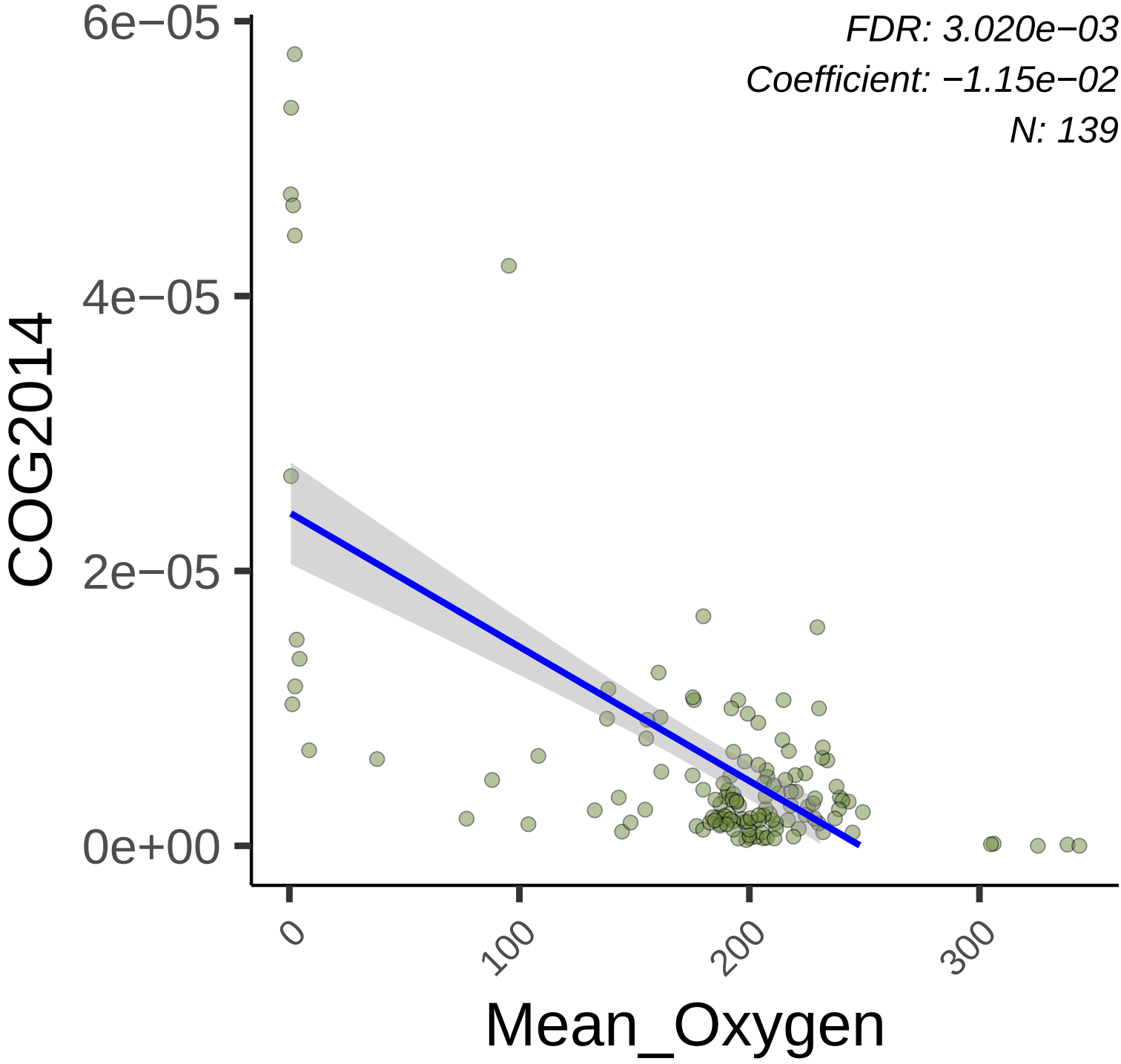
Mean_Oxygen


FDR: 3.020e−03
Coefficient: −1.15e−02
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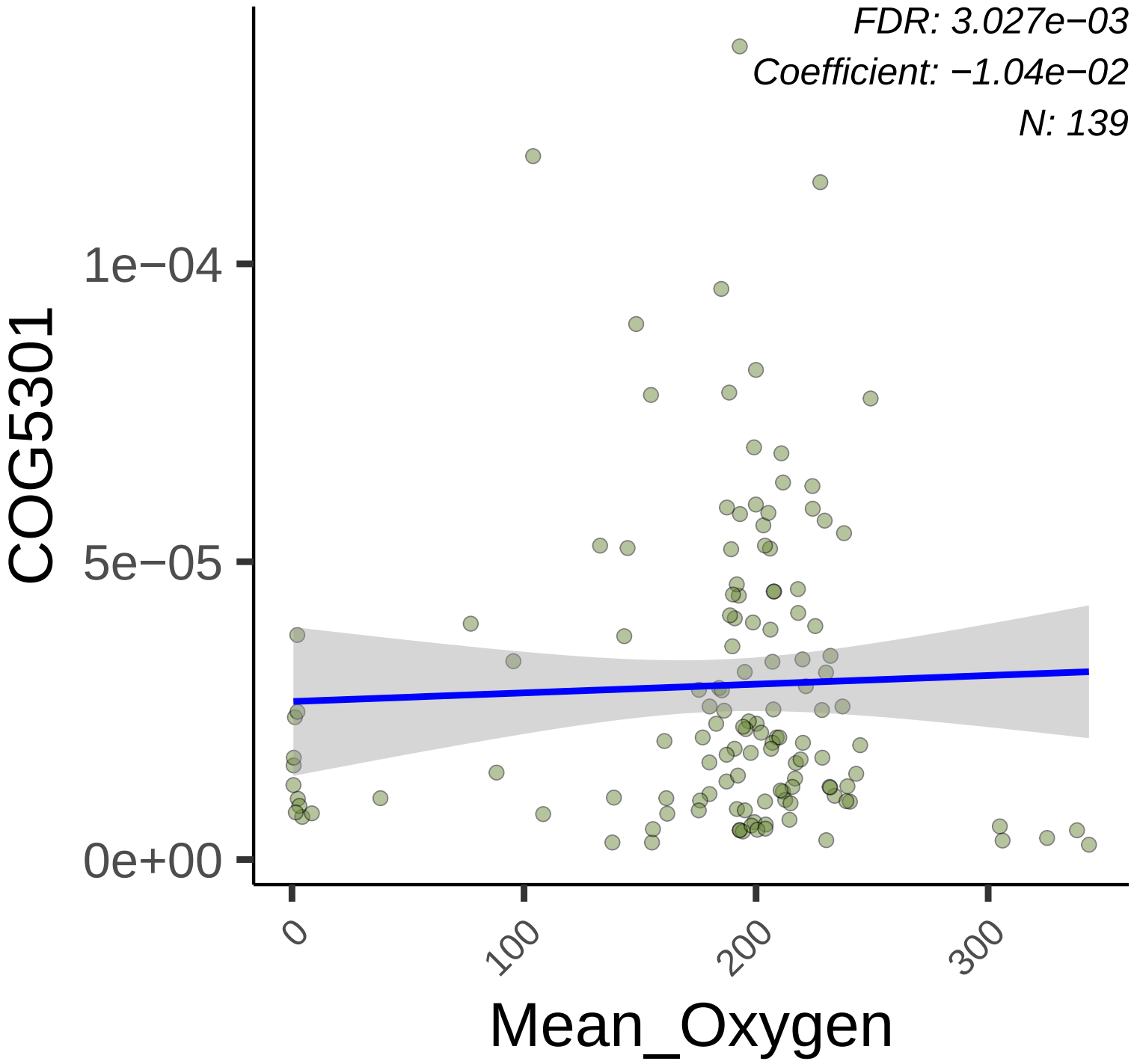
Mean_Oxygen


FDR: 3.027e−03
Coefficient: −1.04e−02
N: 139
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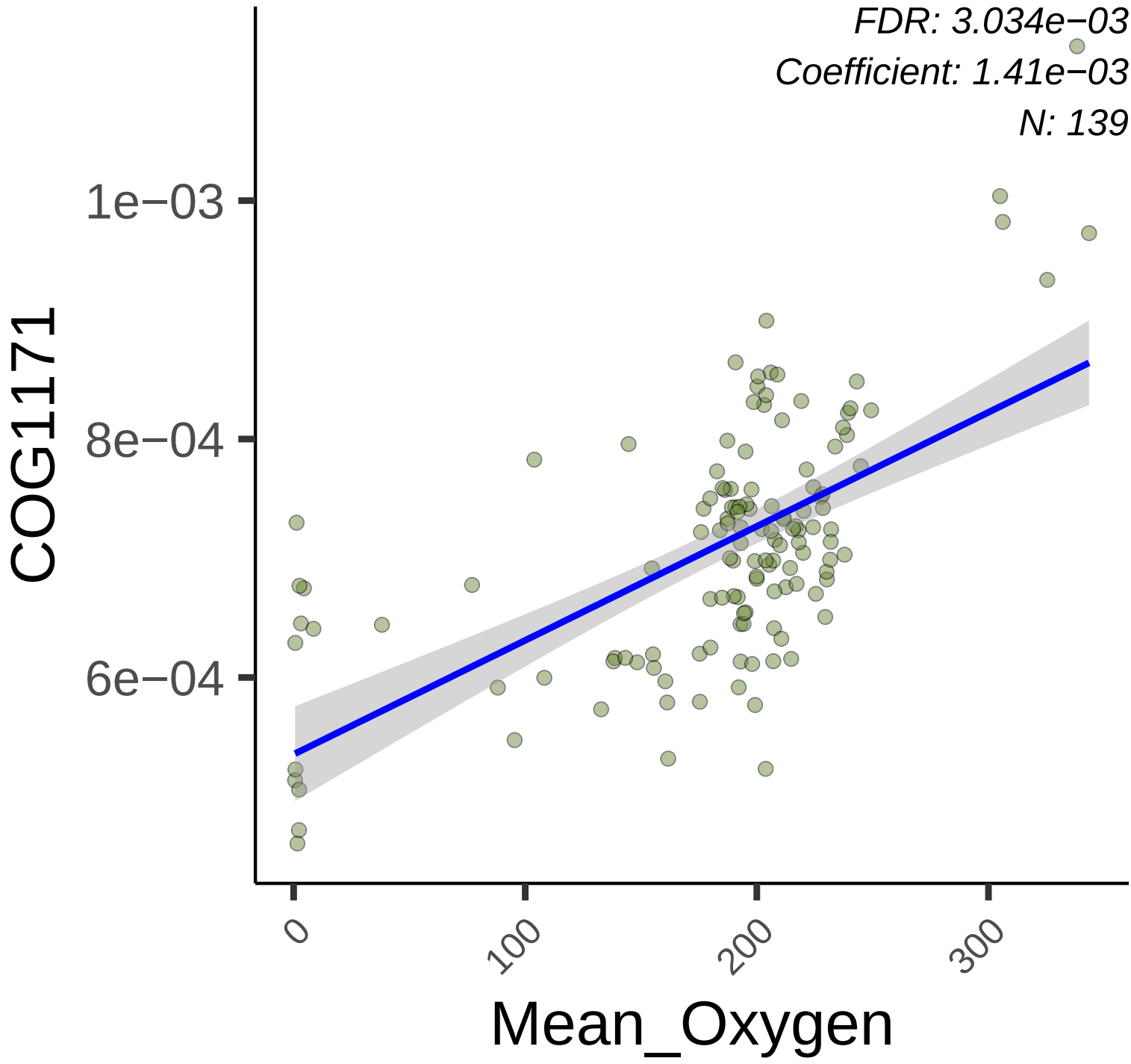
Mean_Oxygen


FDR: 3.034e−03
Coefficient: 1.41e−03
N: 139
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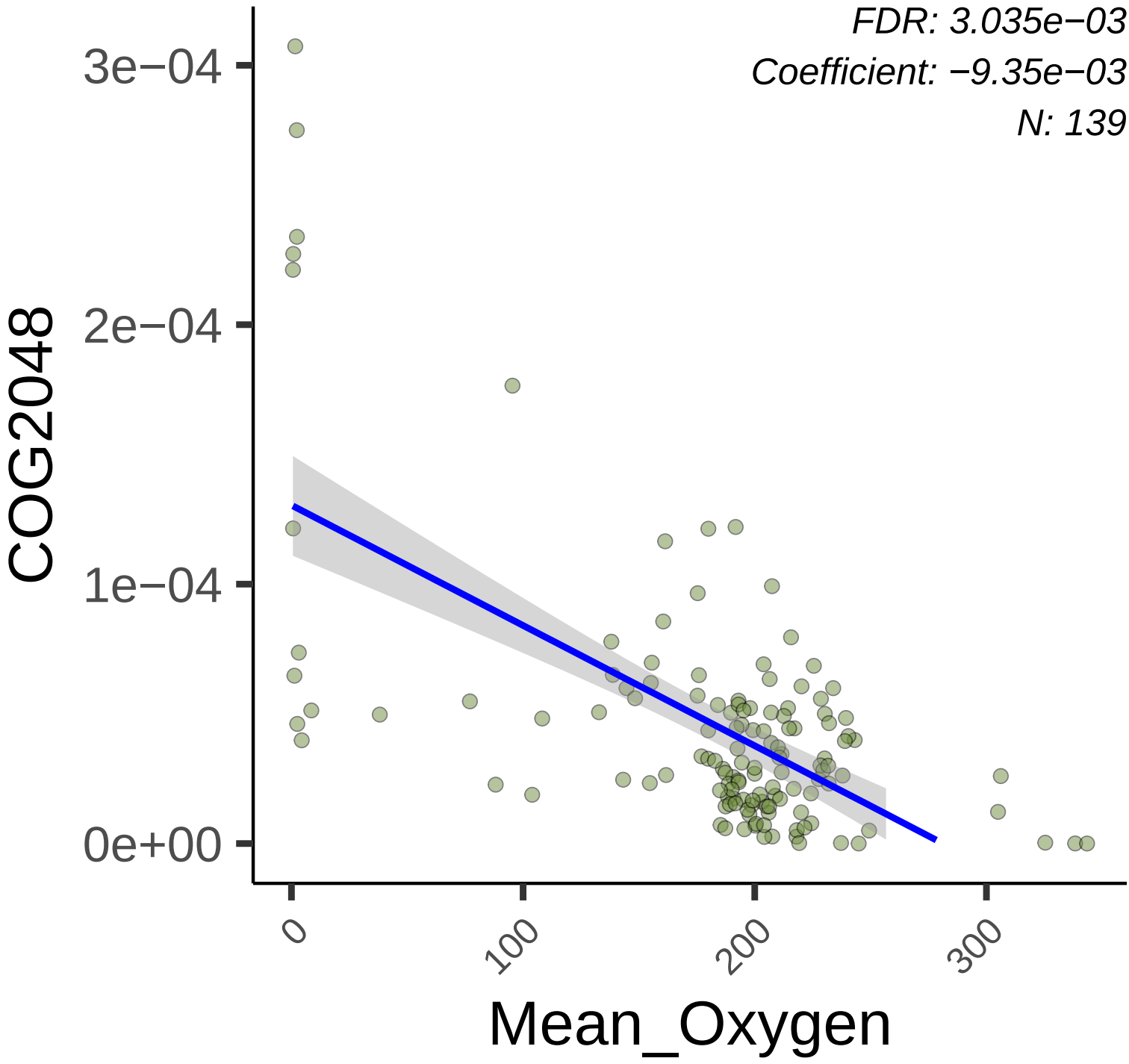
Mean_Oxygen


FDR: 3.035e−03
Coefficient: −9.35e−03
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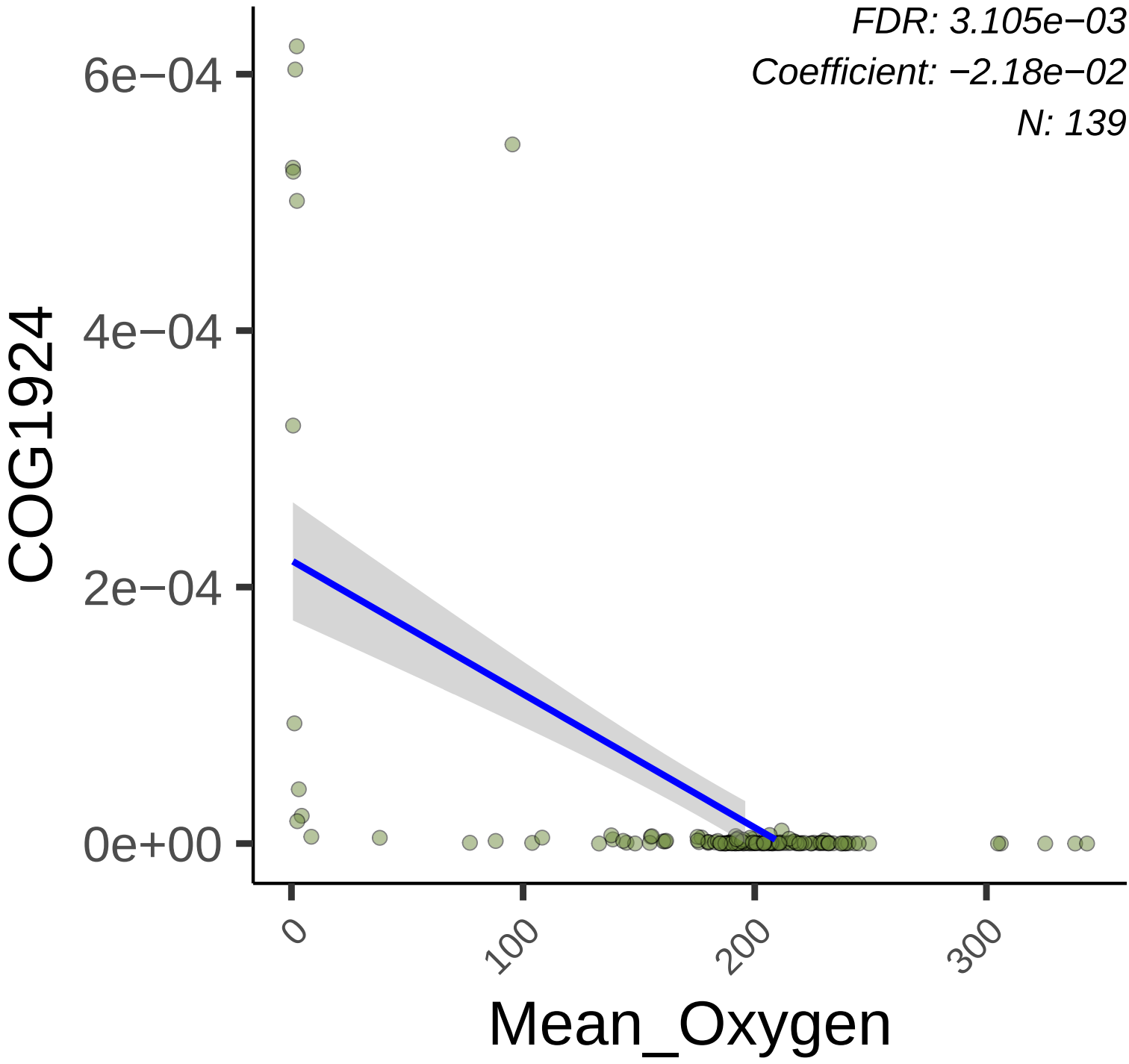
200
300
Mean_Oxygen


FDR: 3.105e−03
Coefficient: −2.18e−02
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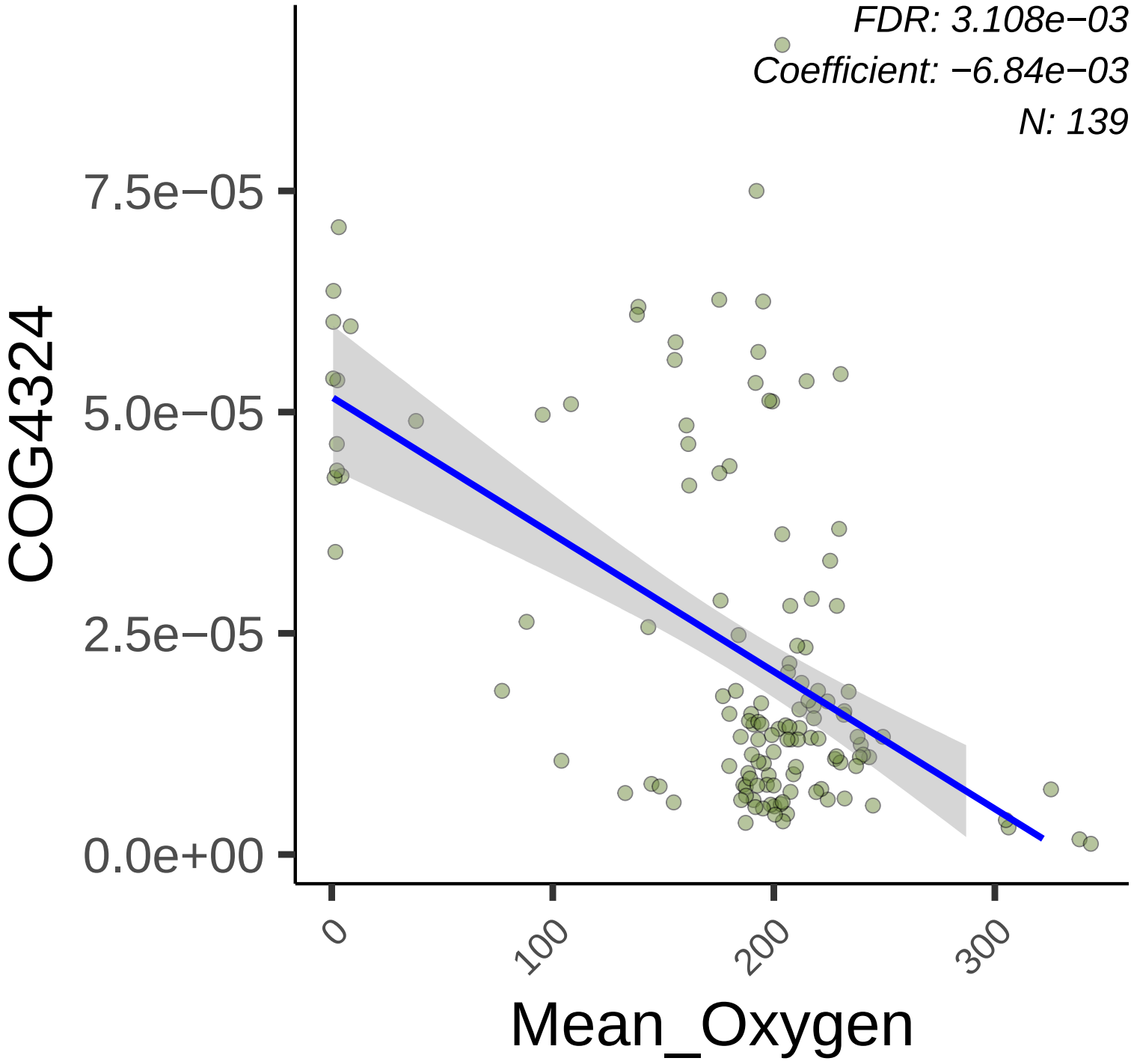
300
Mean_Oxygen


FDR: 3.108e−03
Coefficient: −6.84e−03
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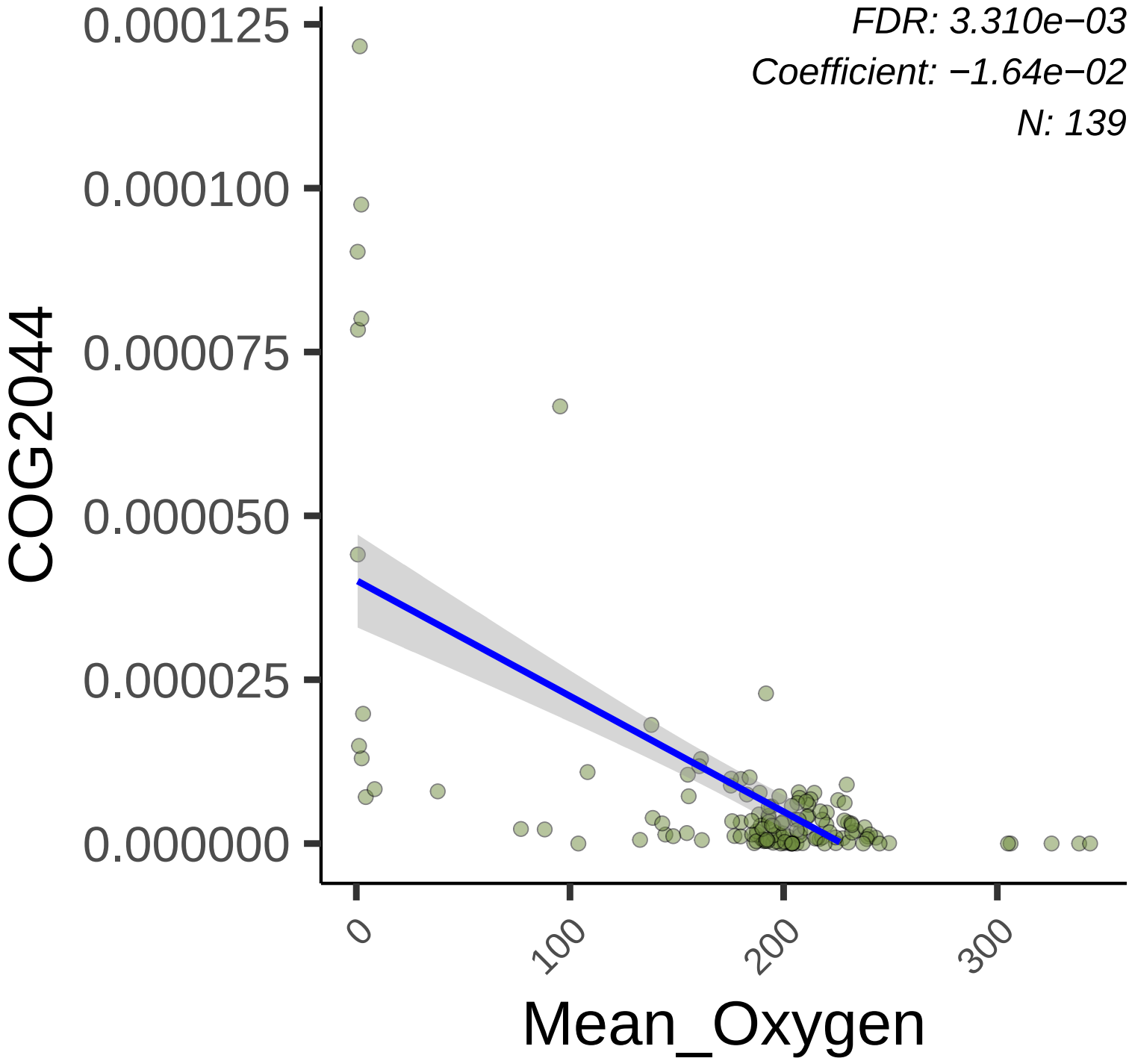
200
300
Mean_Oxygen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Coefficient: −1.64e−02
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COG2044
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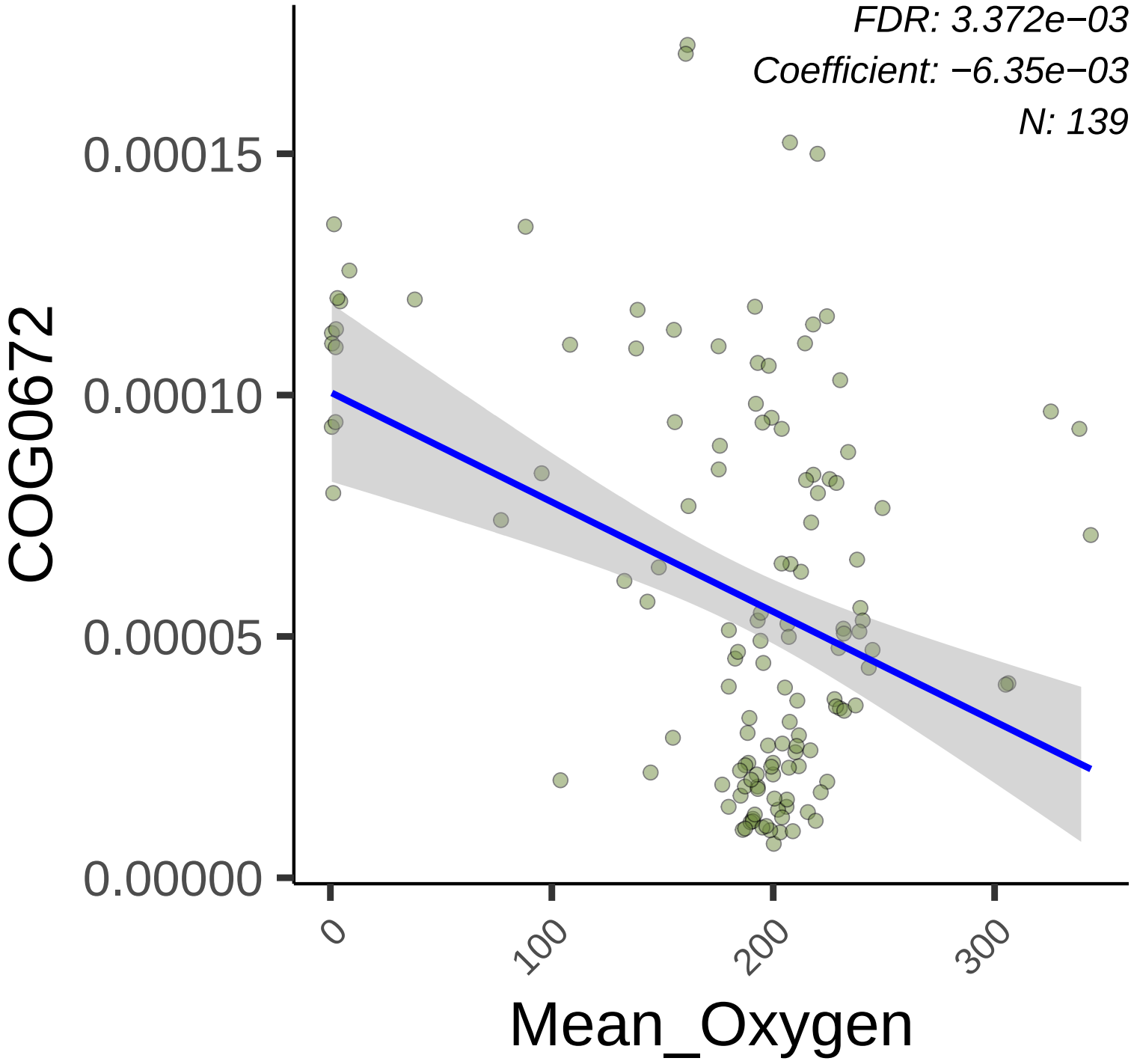
200
300
Mean_Oxygen


FDR: 3.372e−03
Coefficient: −6.35e−03
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COG0672
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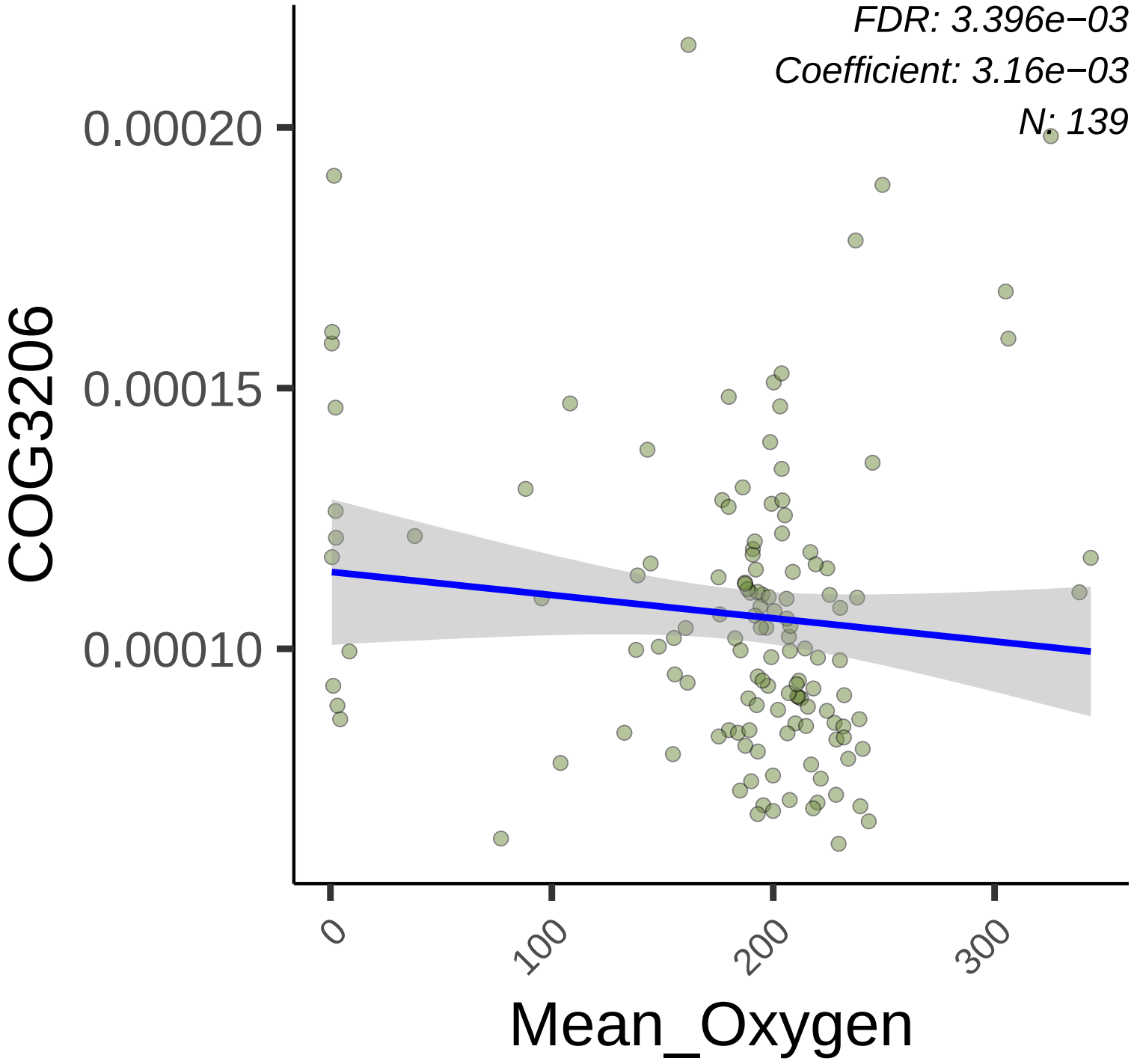
200
300
Mean_Oxygen


FDR: 3.396e−03
Coefficient: 3.16e−03
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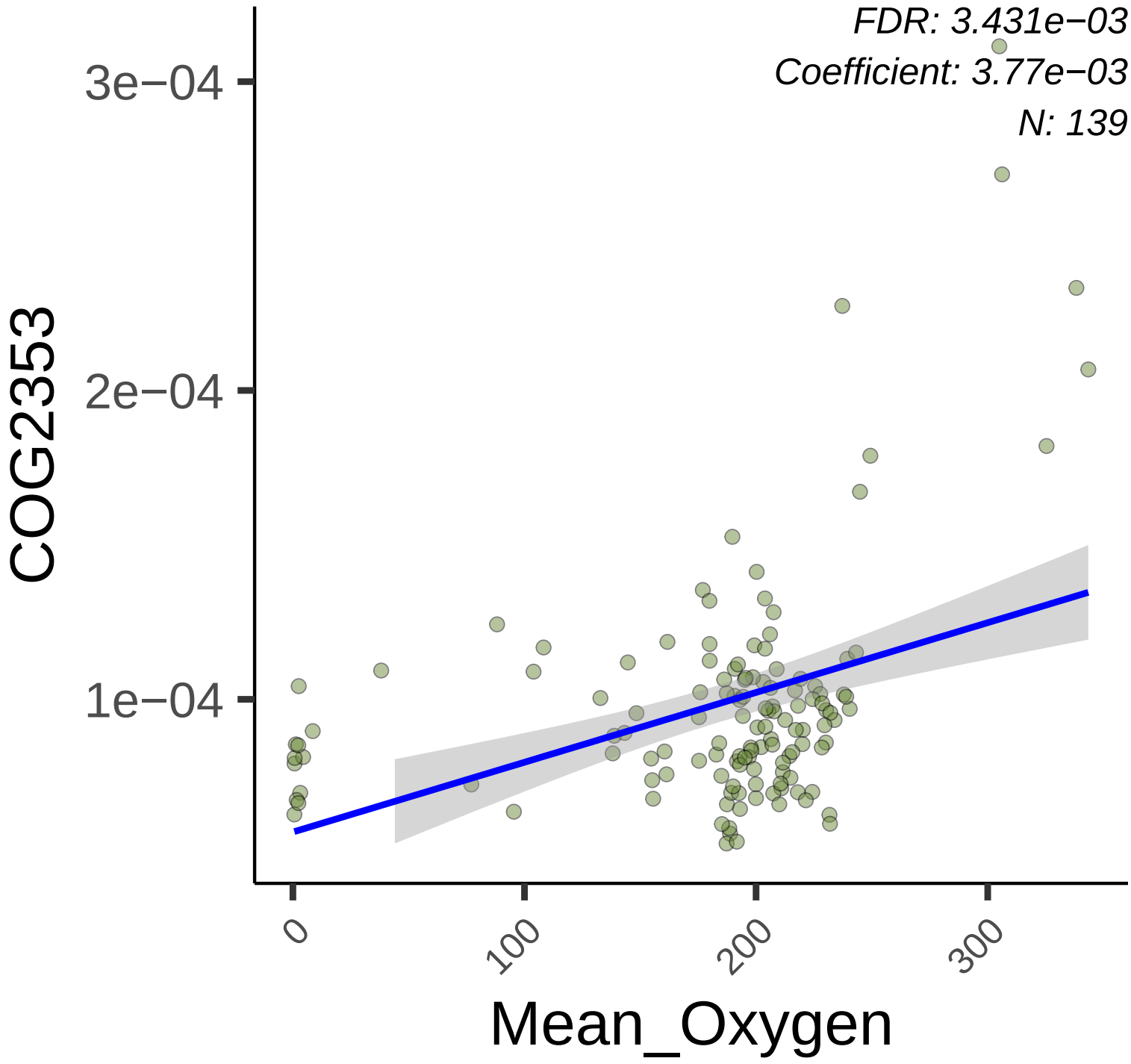
200
300
Mean_Oxygen


FDR: 3.431e−03
Coefficient: 3.77e−03
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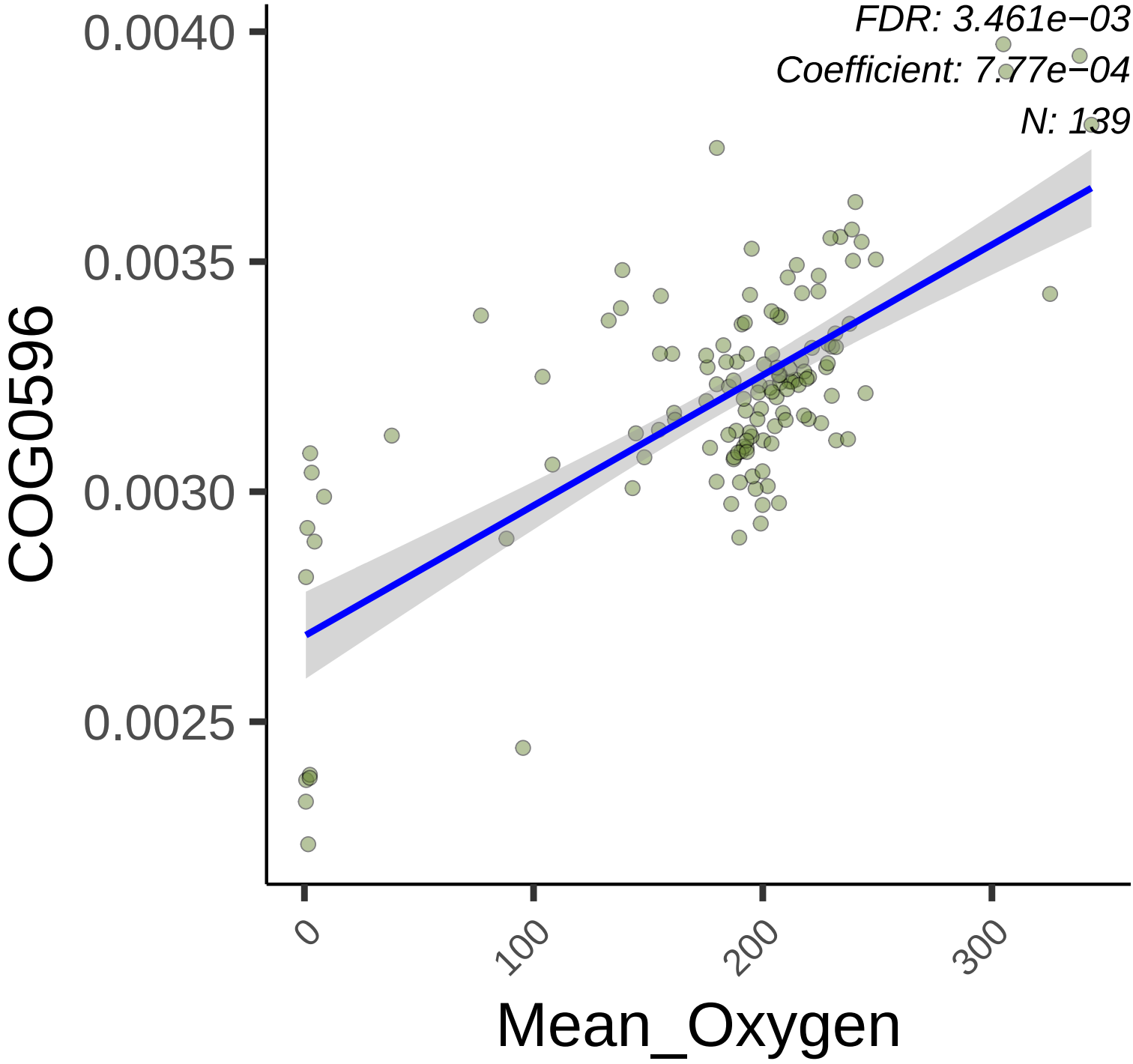
200
300
Mean_Oxygen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Coefficient: 7.77e−04
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COG0596
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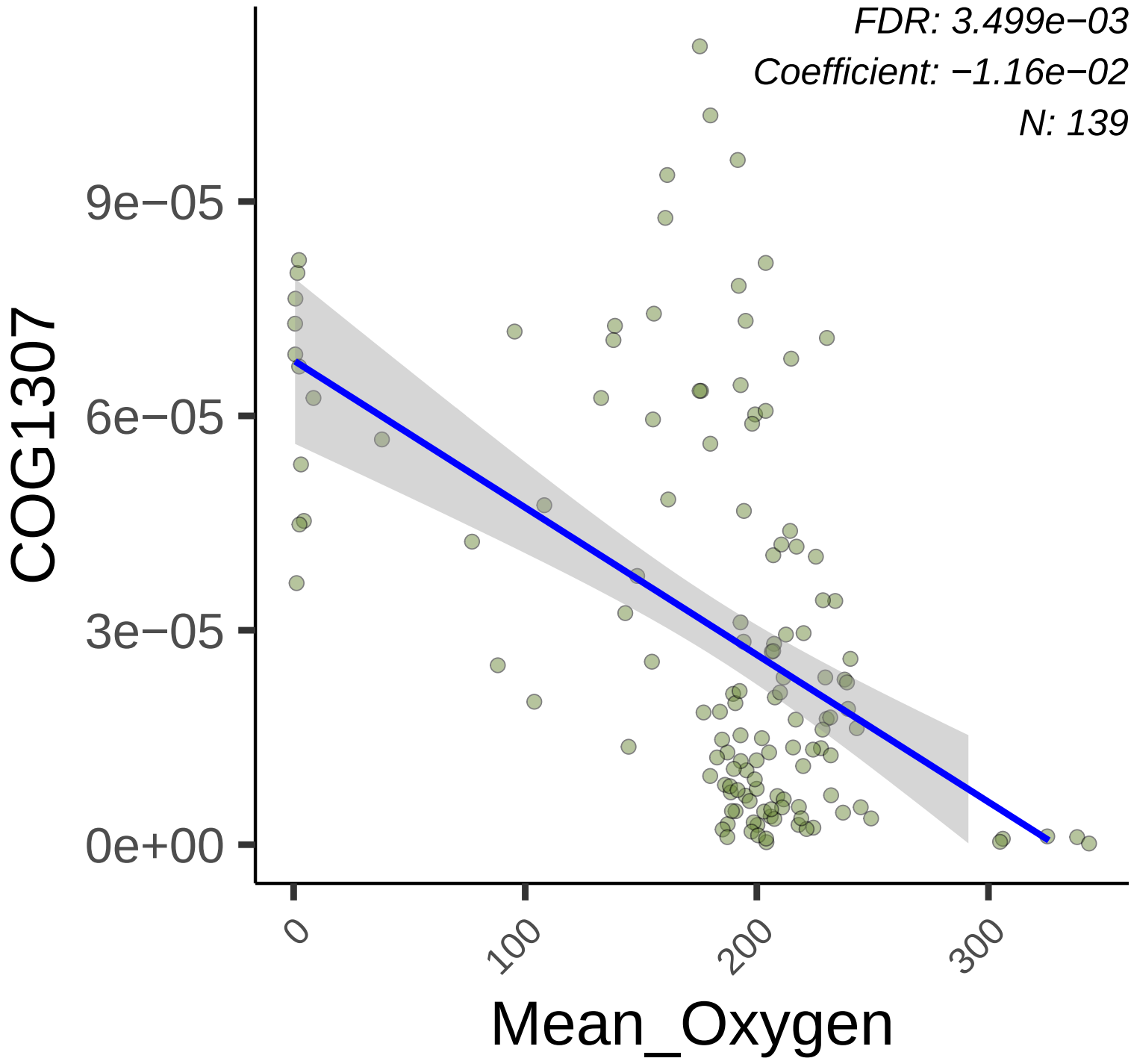
300
Mean_Oxygen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Coefficient: −1.16e−02
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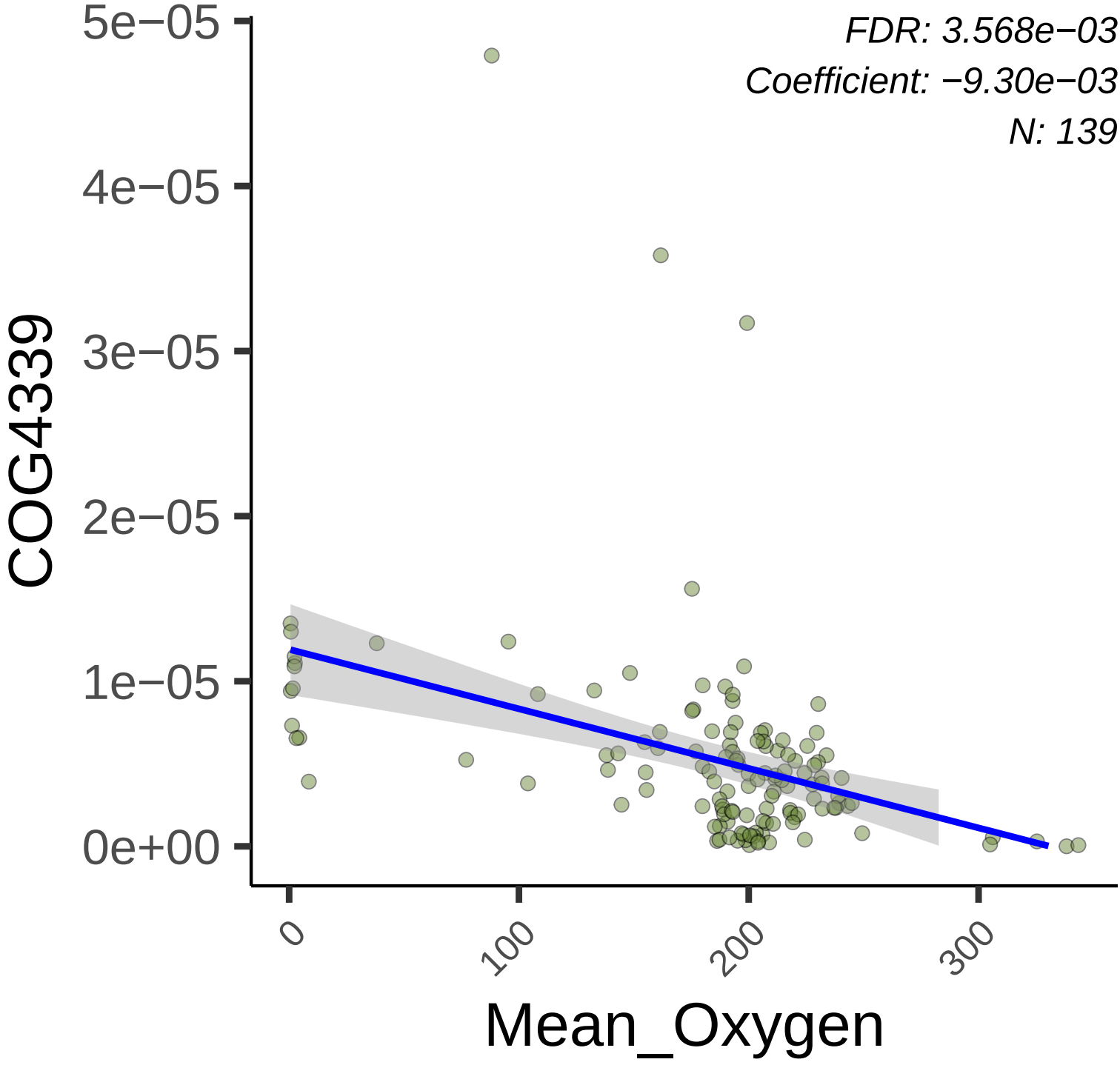
Mean_Oxygen


FDR: 3.568e−03
Coefficient: −9.30e−03
N: 139
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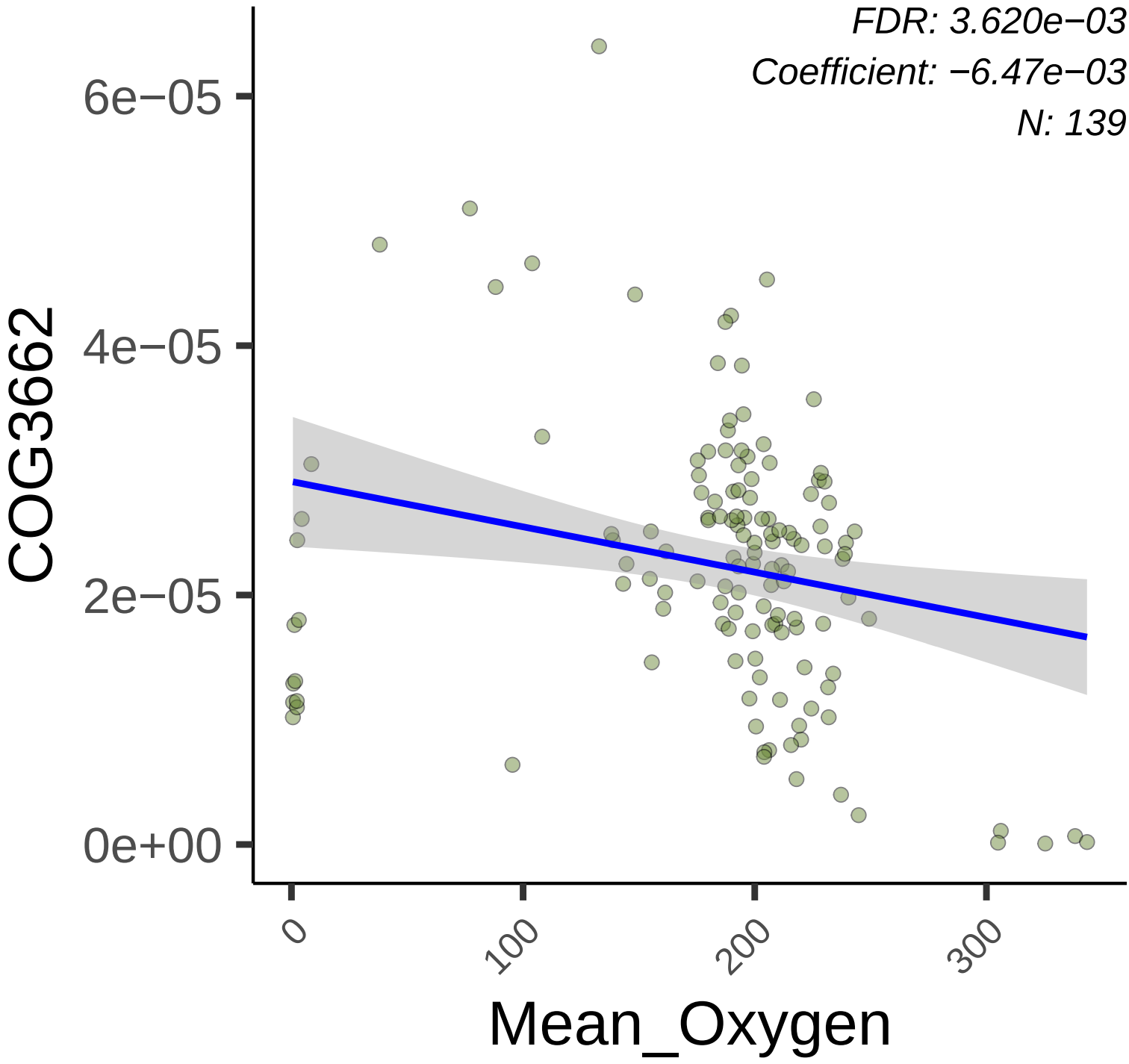
300
Mean_Oxygen


FDR: 3.620e−03
Coefficient: −6.47e−03
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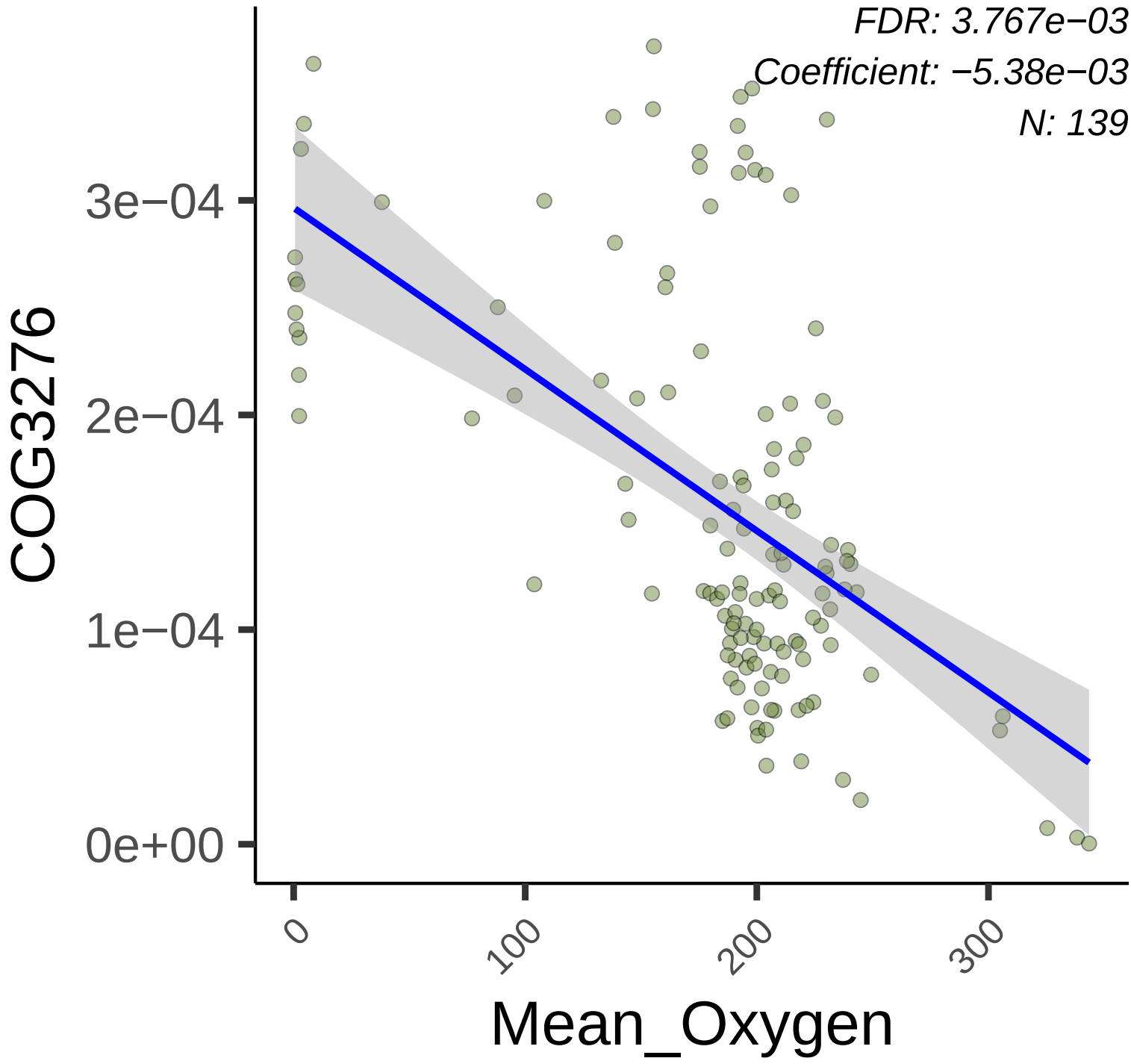
200
300
Mean_Oxygen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Coefficient: −5.38e−03
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COG3276
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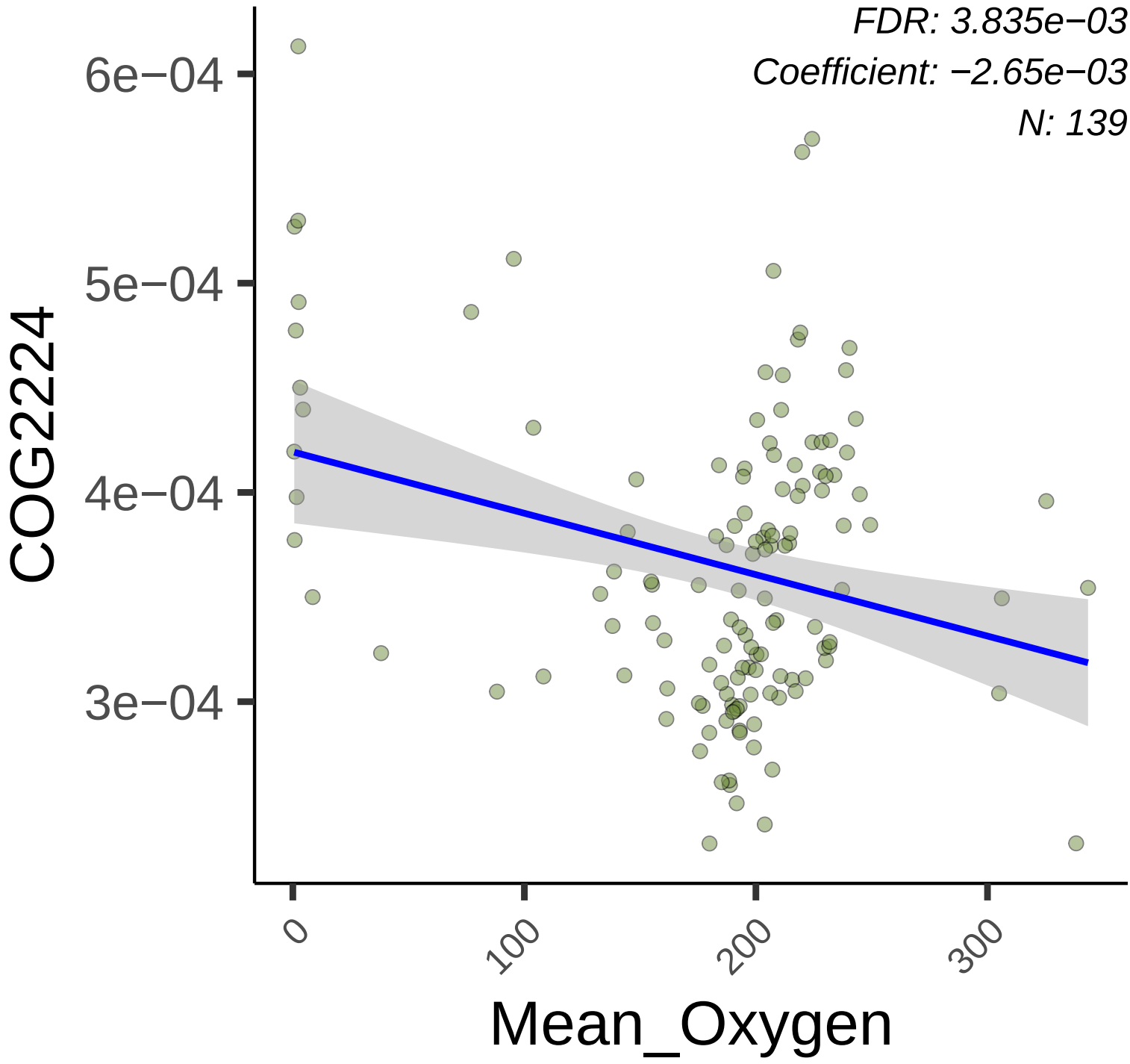
300
Mean_Oxygen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Coefficient: −2.65e−03
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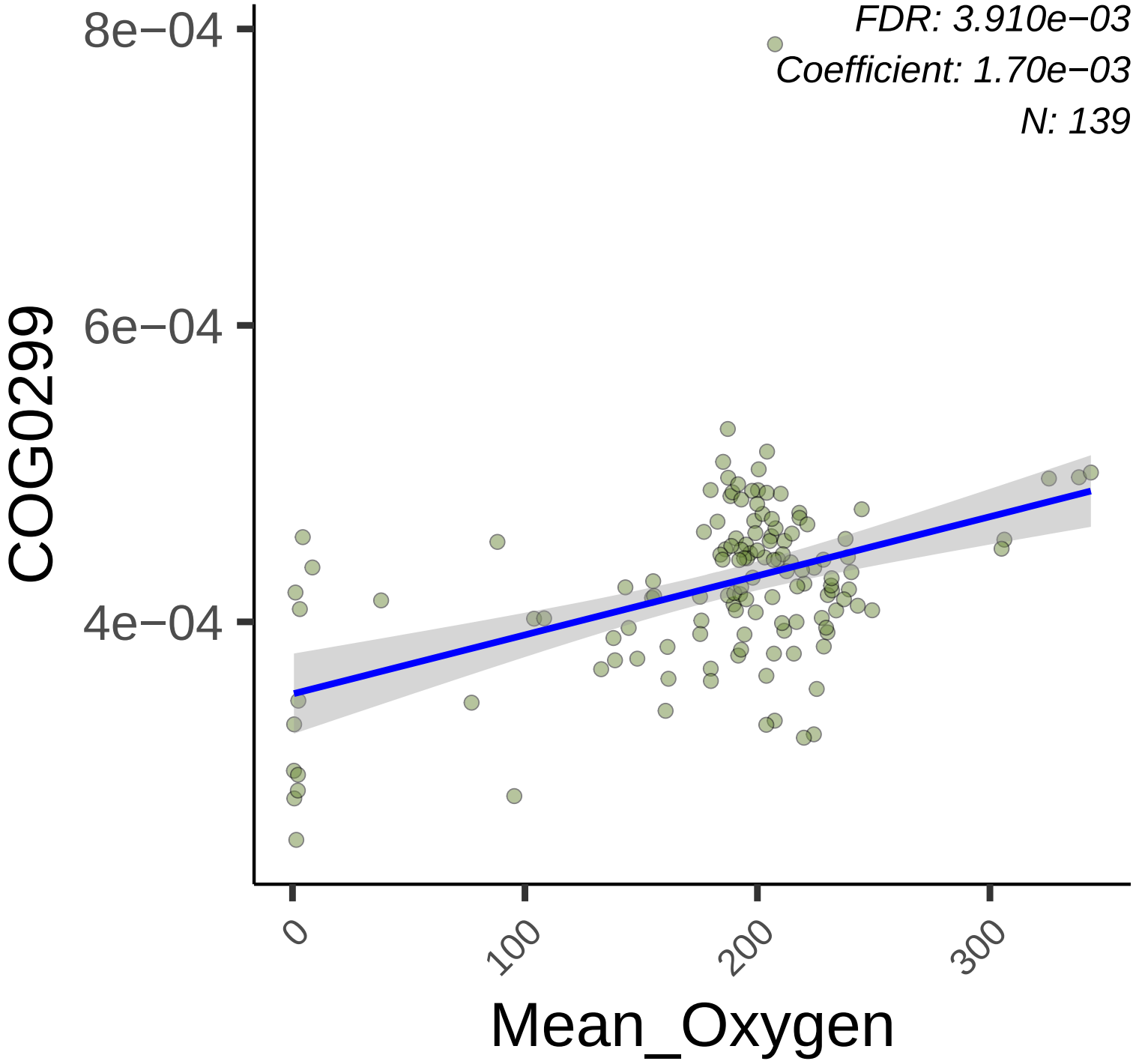
300
Mean_Oxygen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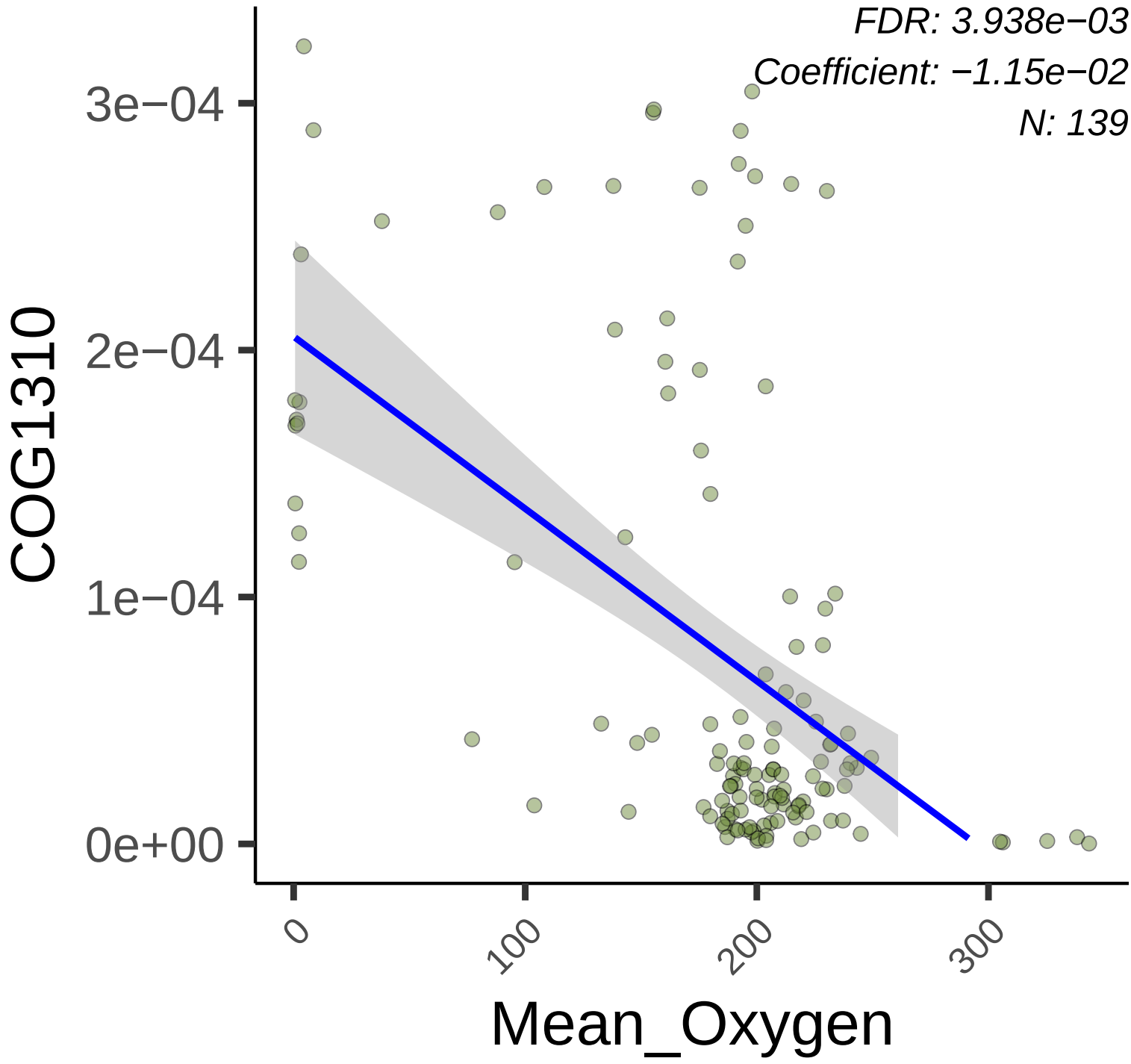
Mean_Oxygen


FDR: 3.938e−03
Coefficient: −1.15e−02
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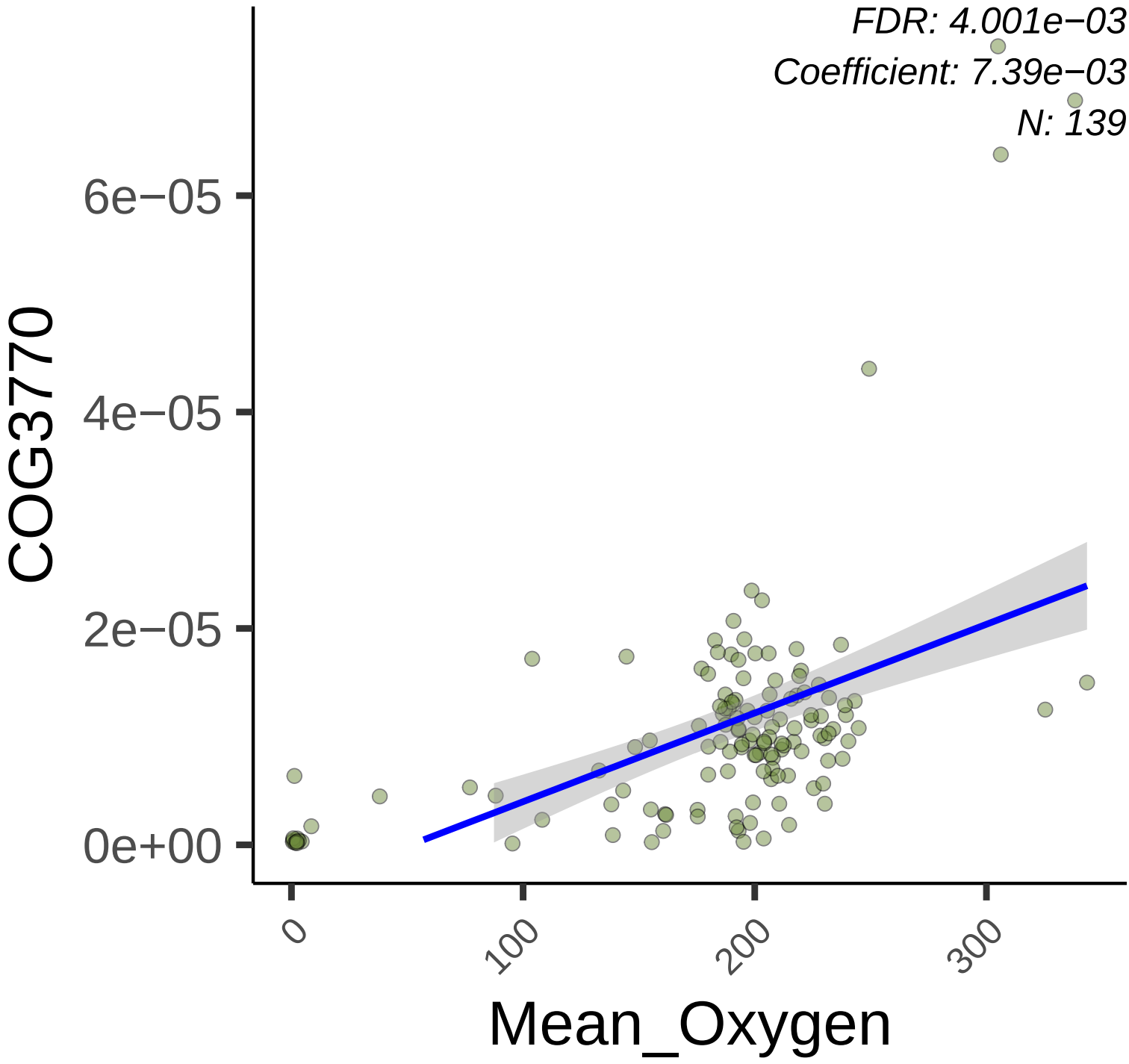
Mean_Oxygen


FDR: 4.001e−03
Coefficient: 7.39e−03
N: 139
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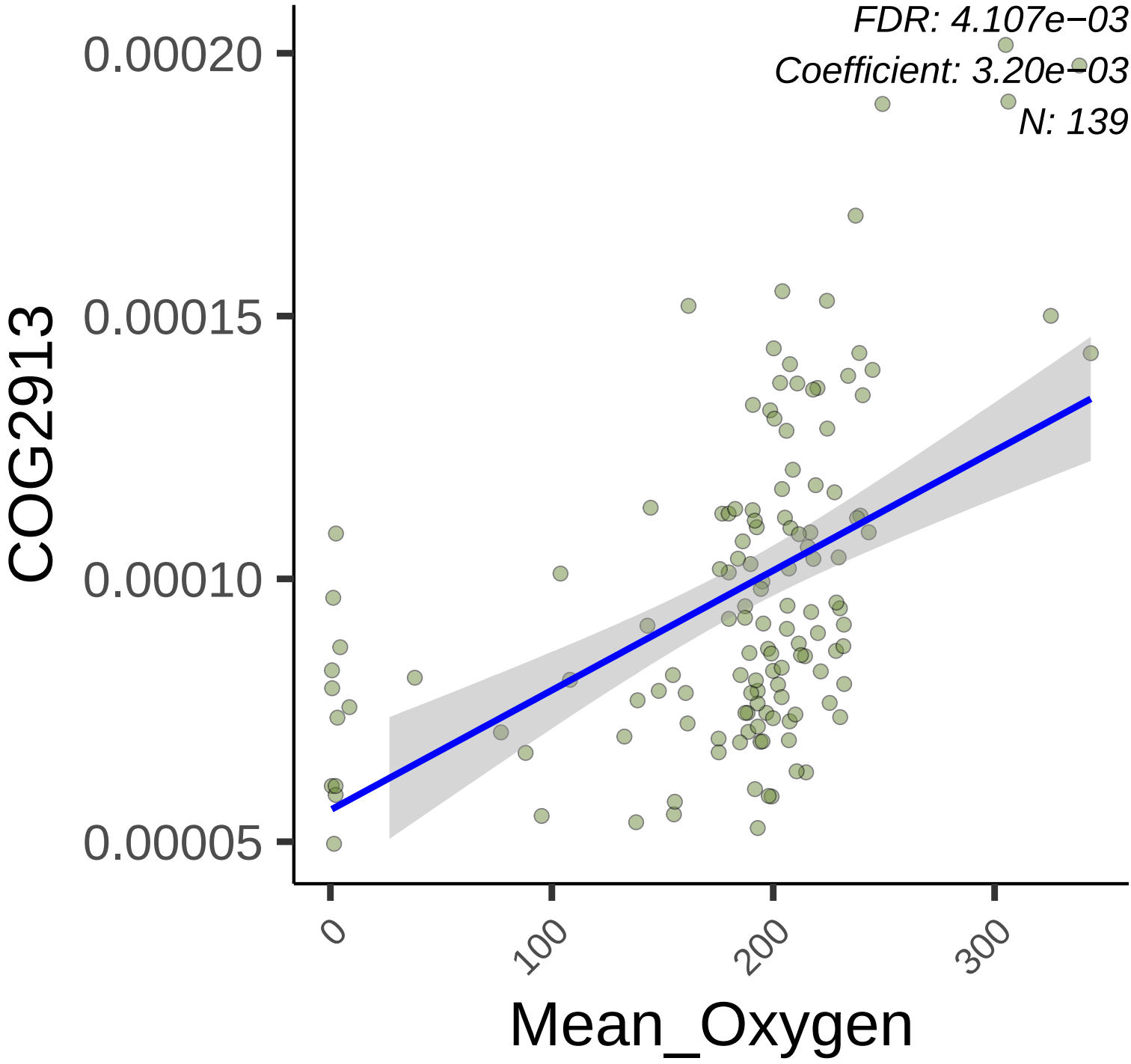
300
Mean_Oxygen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Coefficient: 3.20e−03
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COG2913
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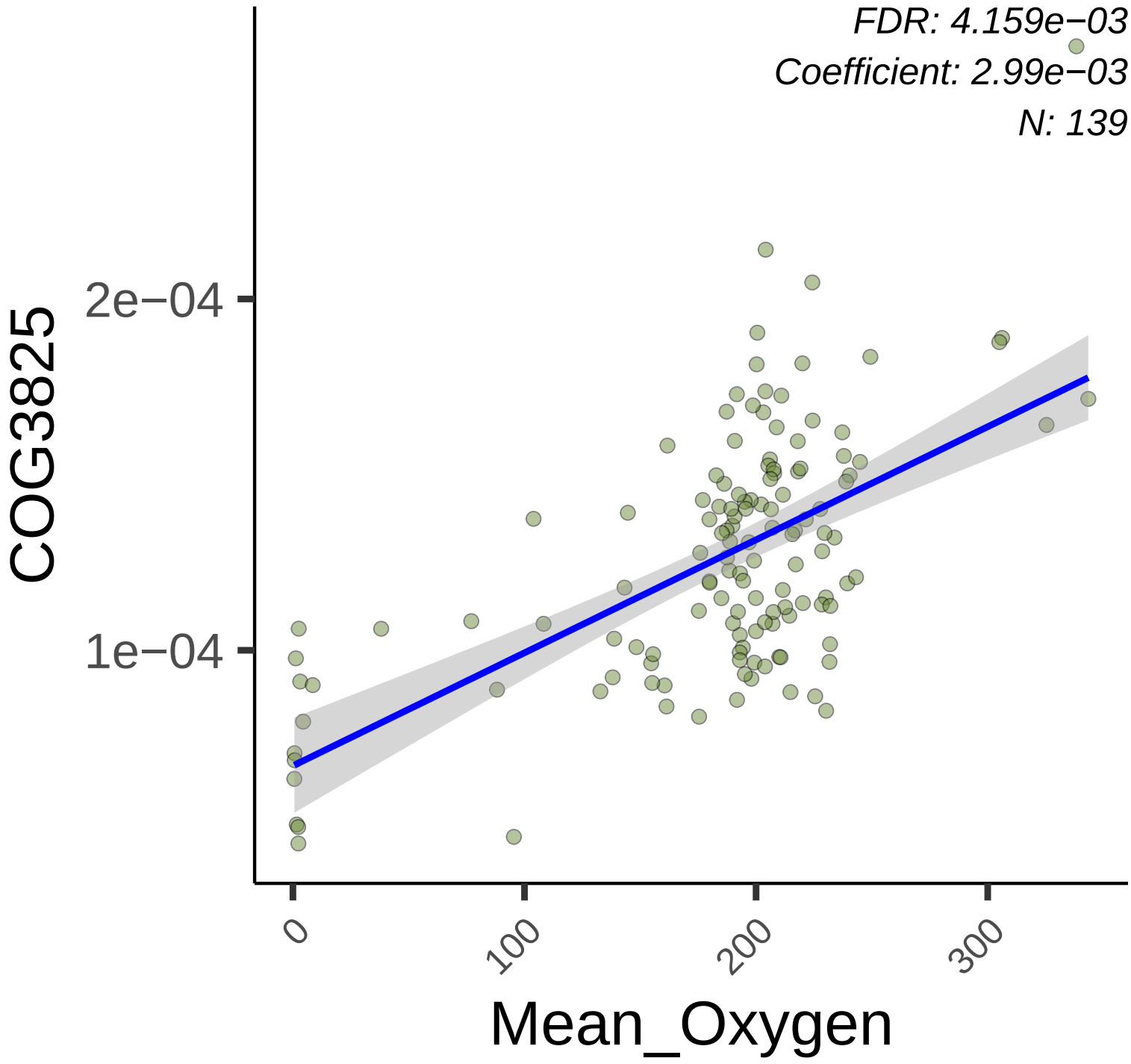
200
300
Mean_Oxygen


FDR: 4.159e−03
Coefficient: 2.99e−03
N: 139
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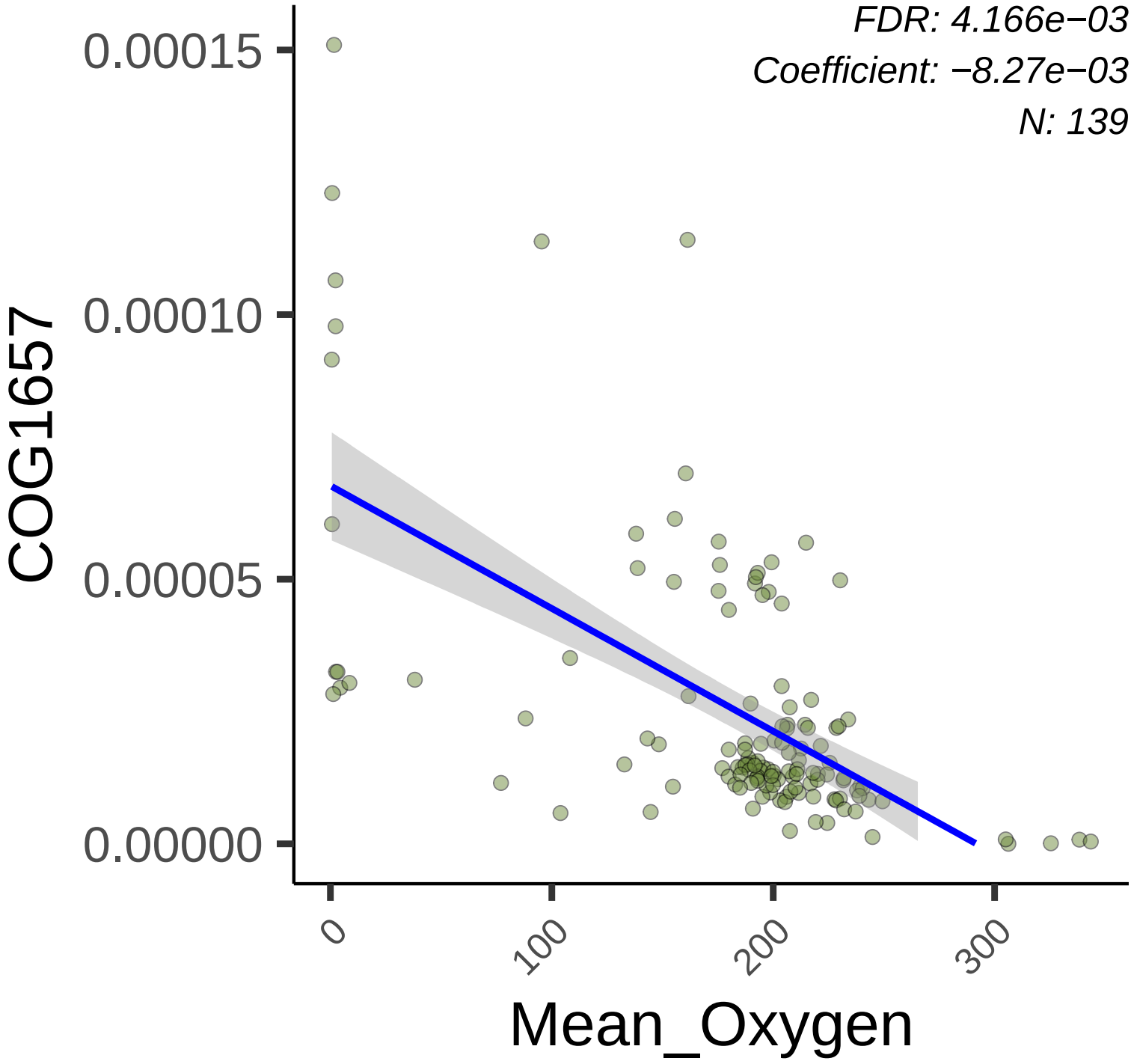
Mean_Oxygen


FDR: 4.166e−03
Coefficient: −8.27e−03
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COG1657
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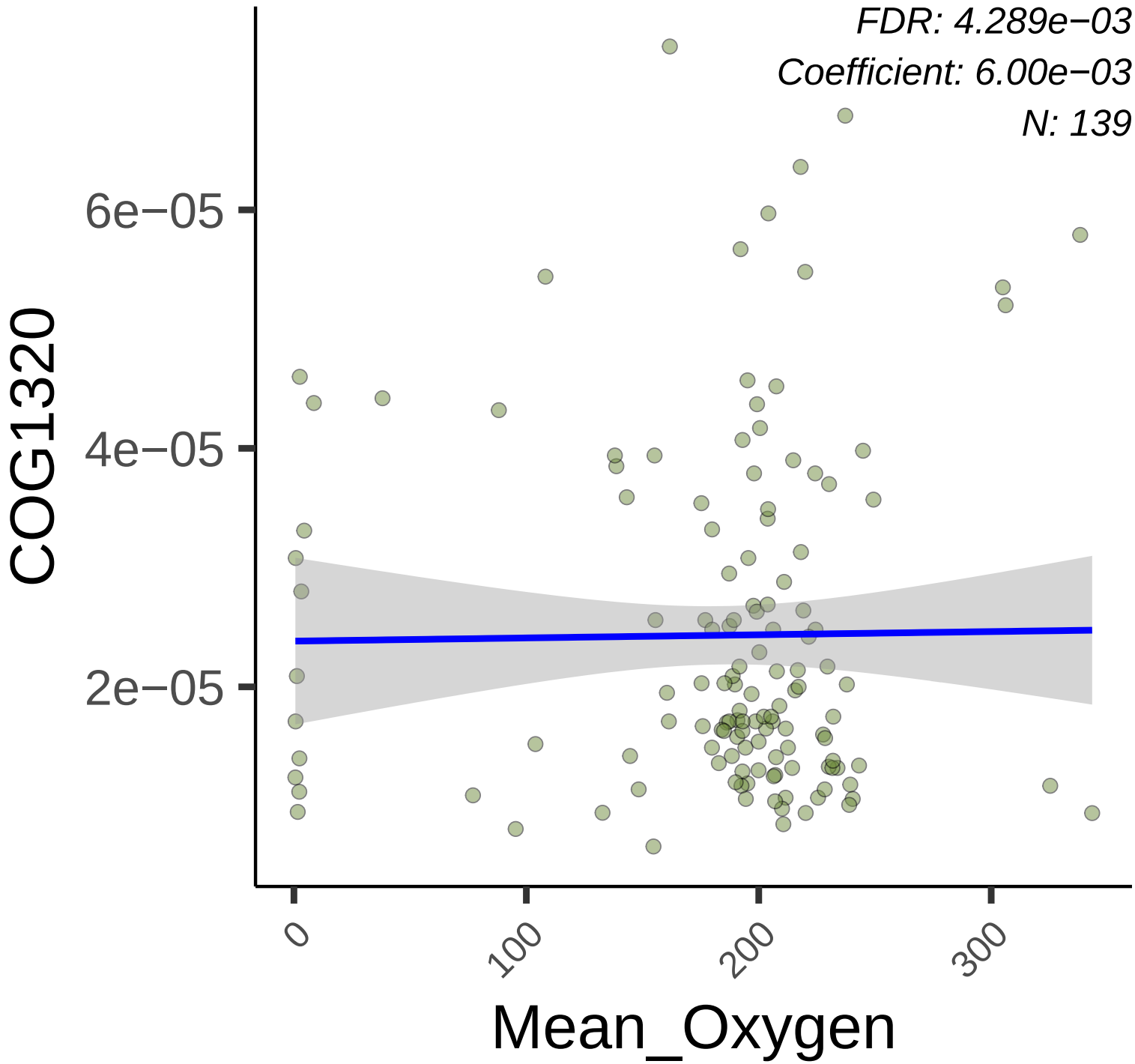
Mean_Oxygen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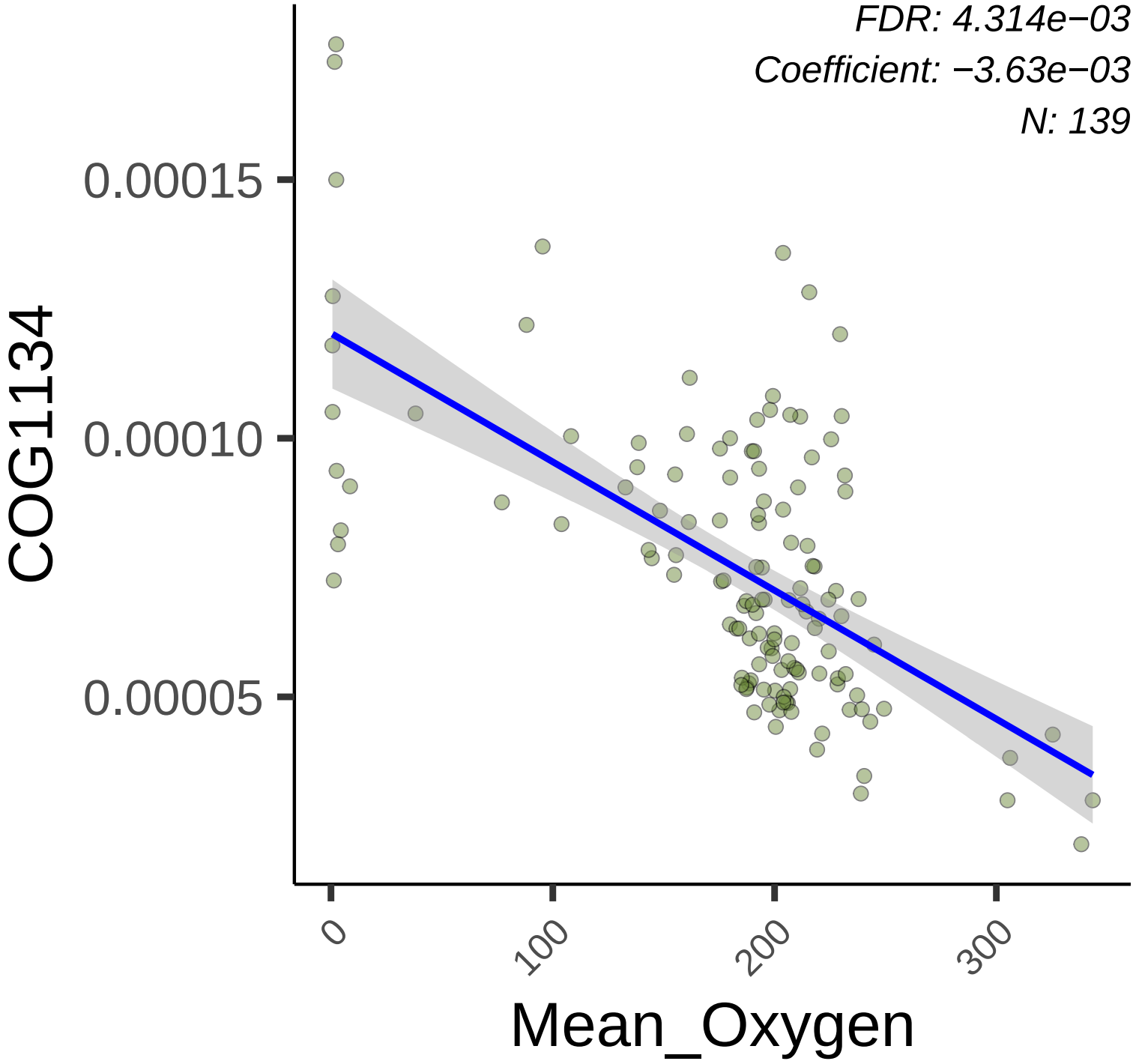
300
Mean_Oxygen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Coefficient: −3.63e−03
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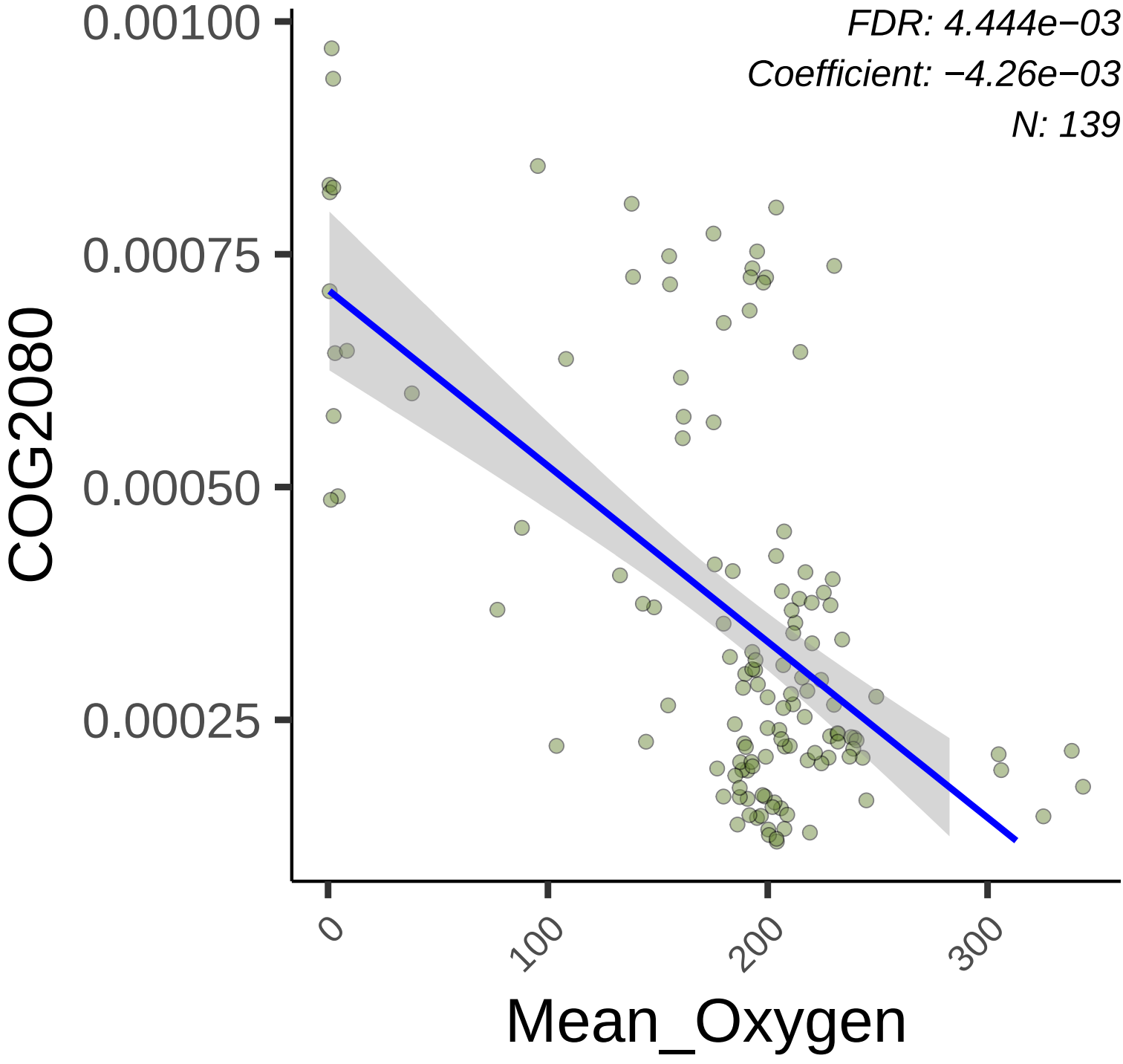
Mean_Oxygen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Coefficient: −4.26e−03
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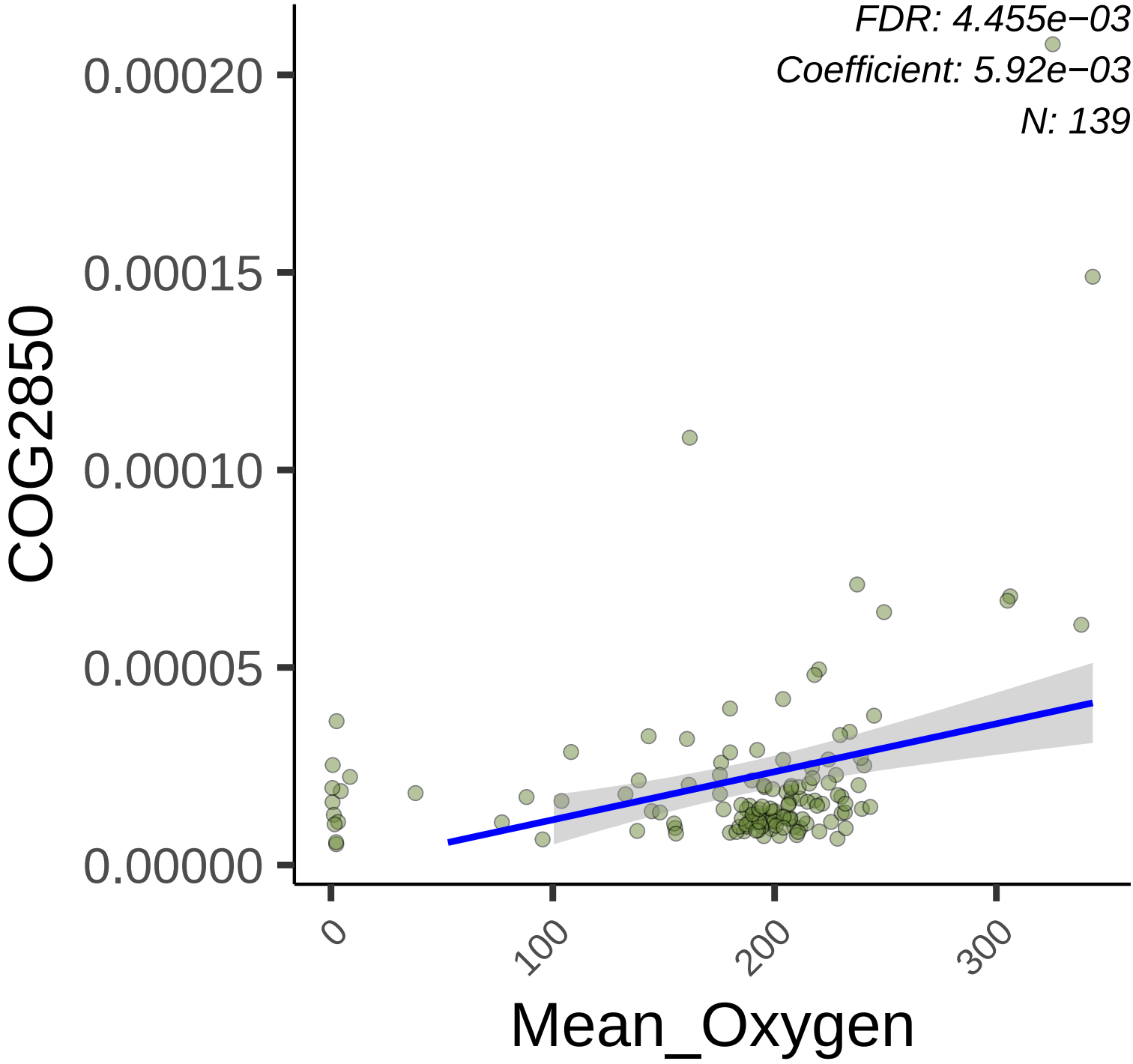
300
Mean_Oxygen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N: 139
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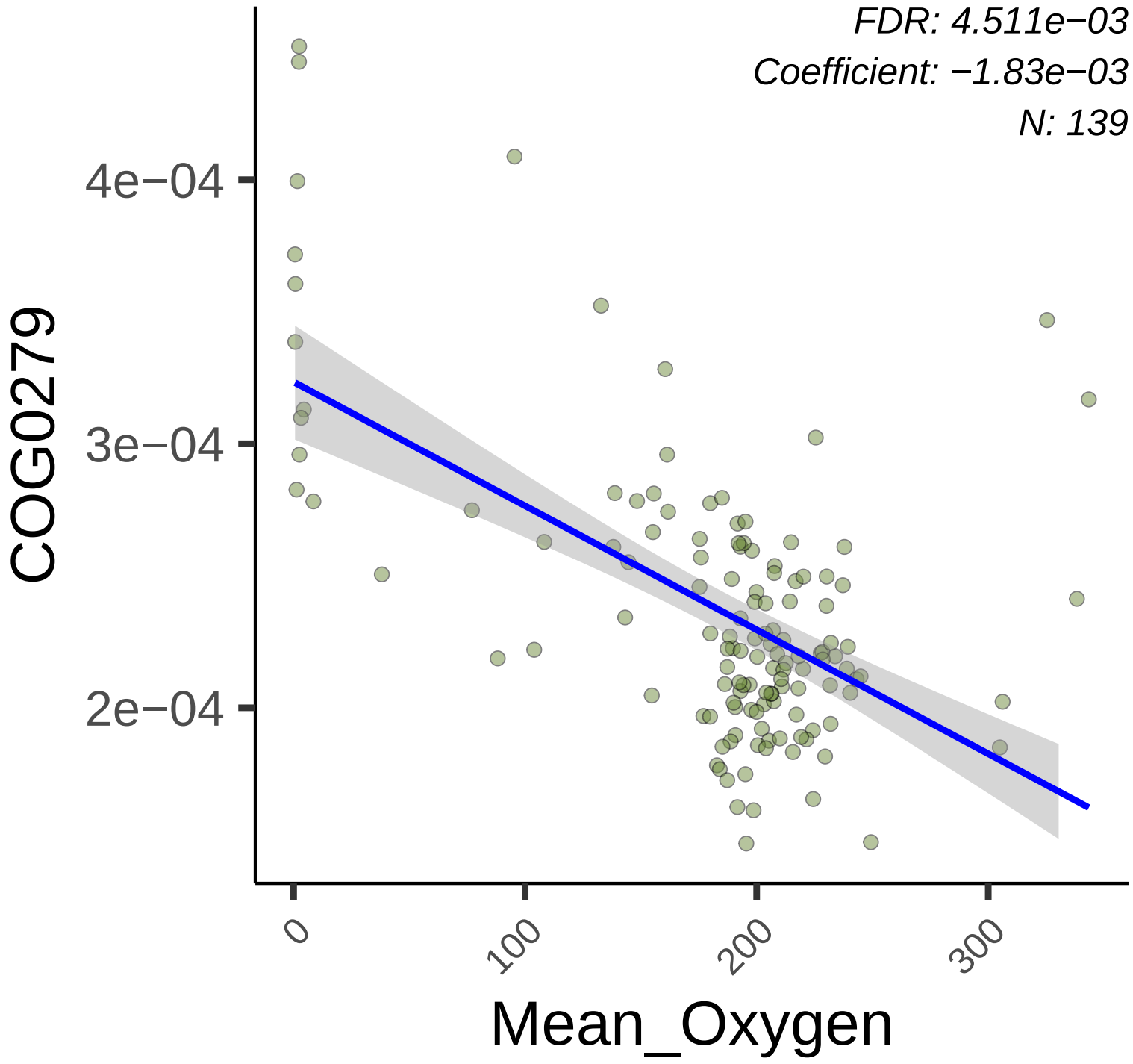
Mean_Oxygen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Coefficient: −1.83e−03
N: 139
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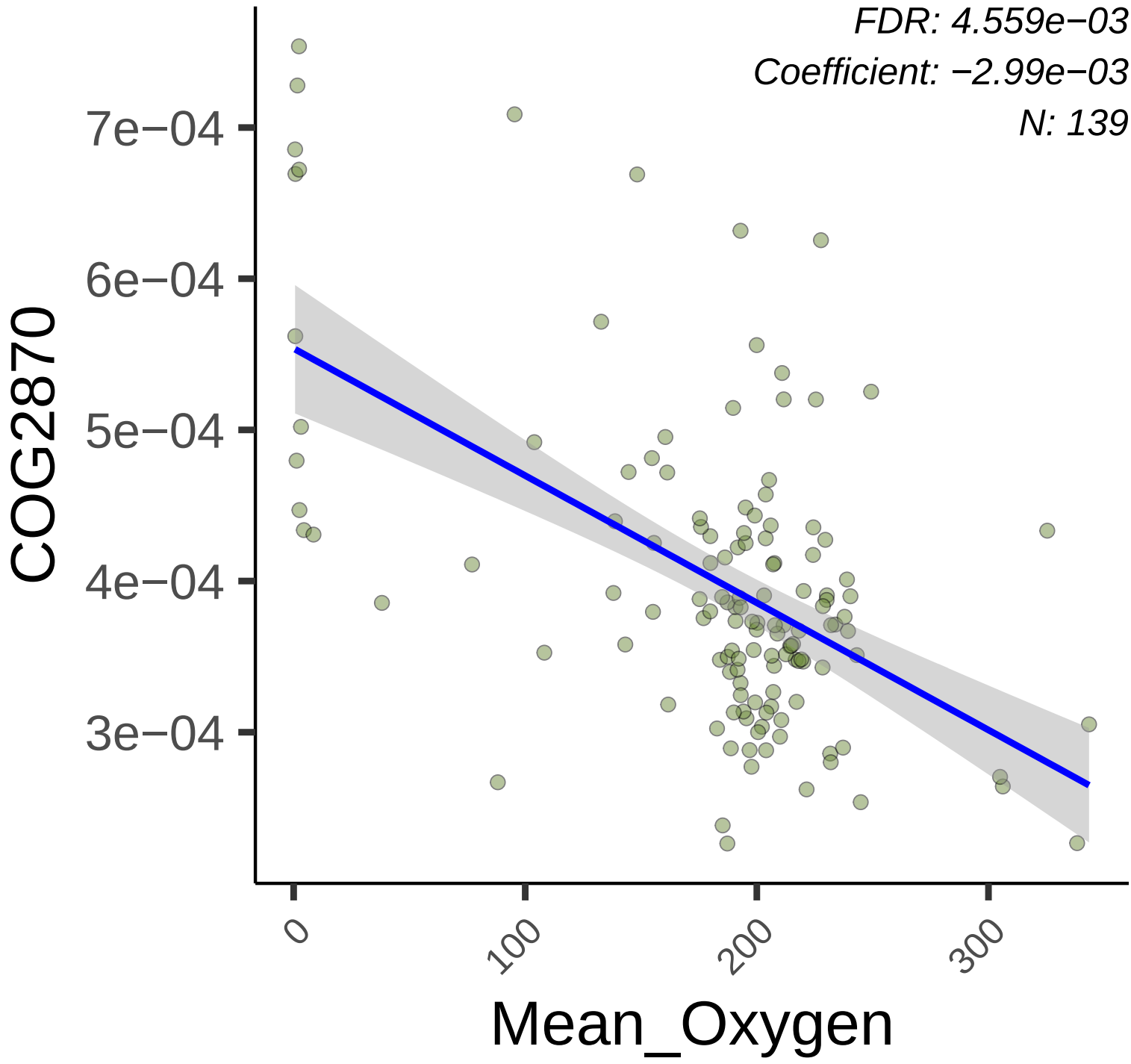
Mean_Oxygen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Coefficient: −2.99e−03
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COG2870
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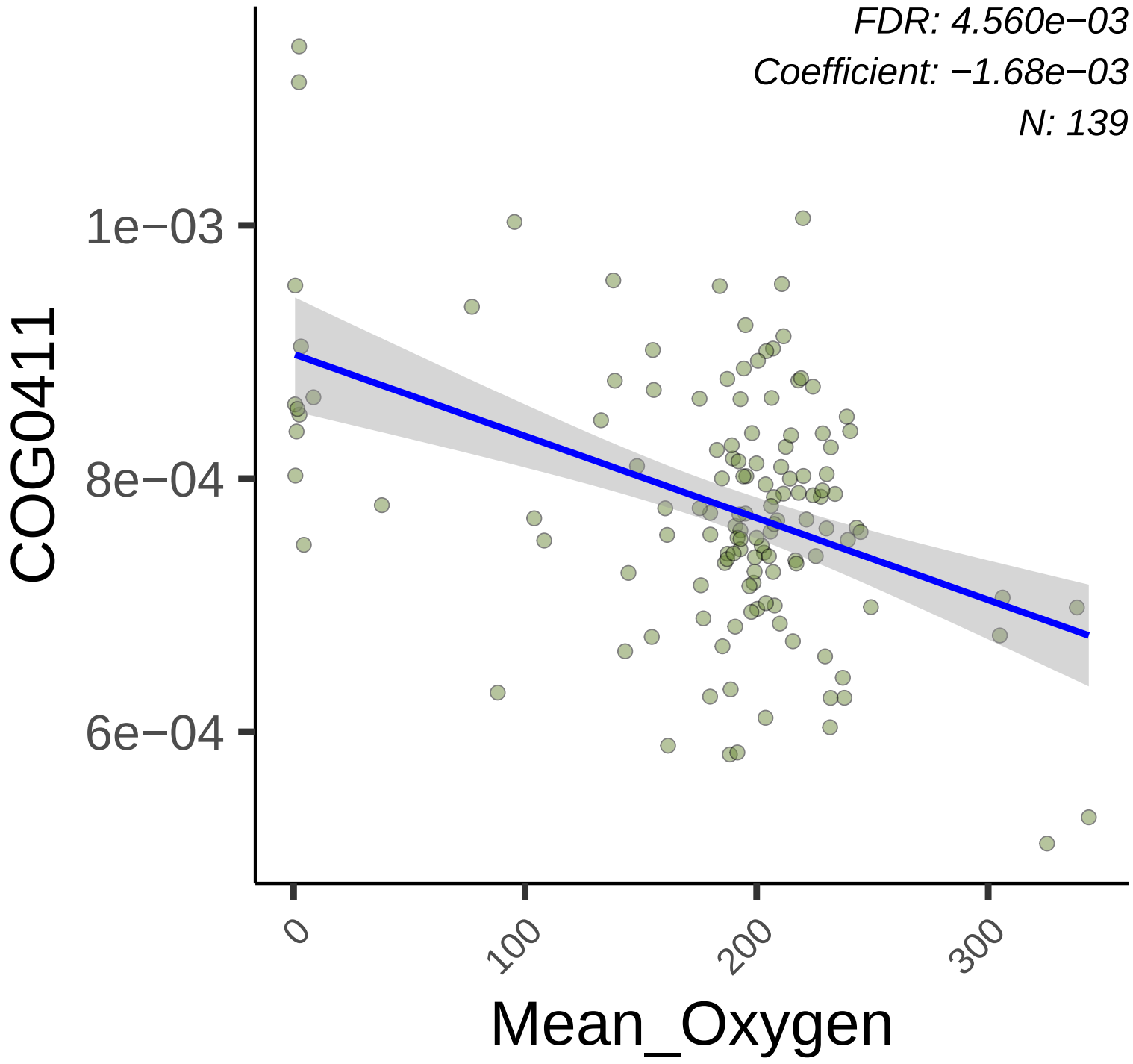
200
300
Mean_Oxygen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Coefficient: −1.68e−03
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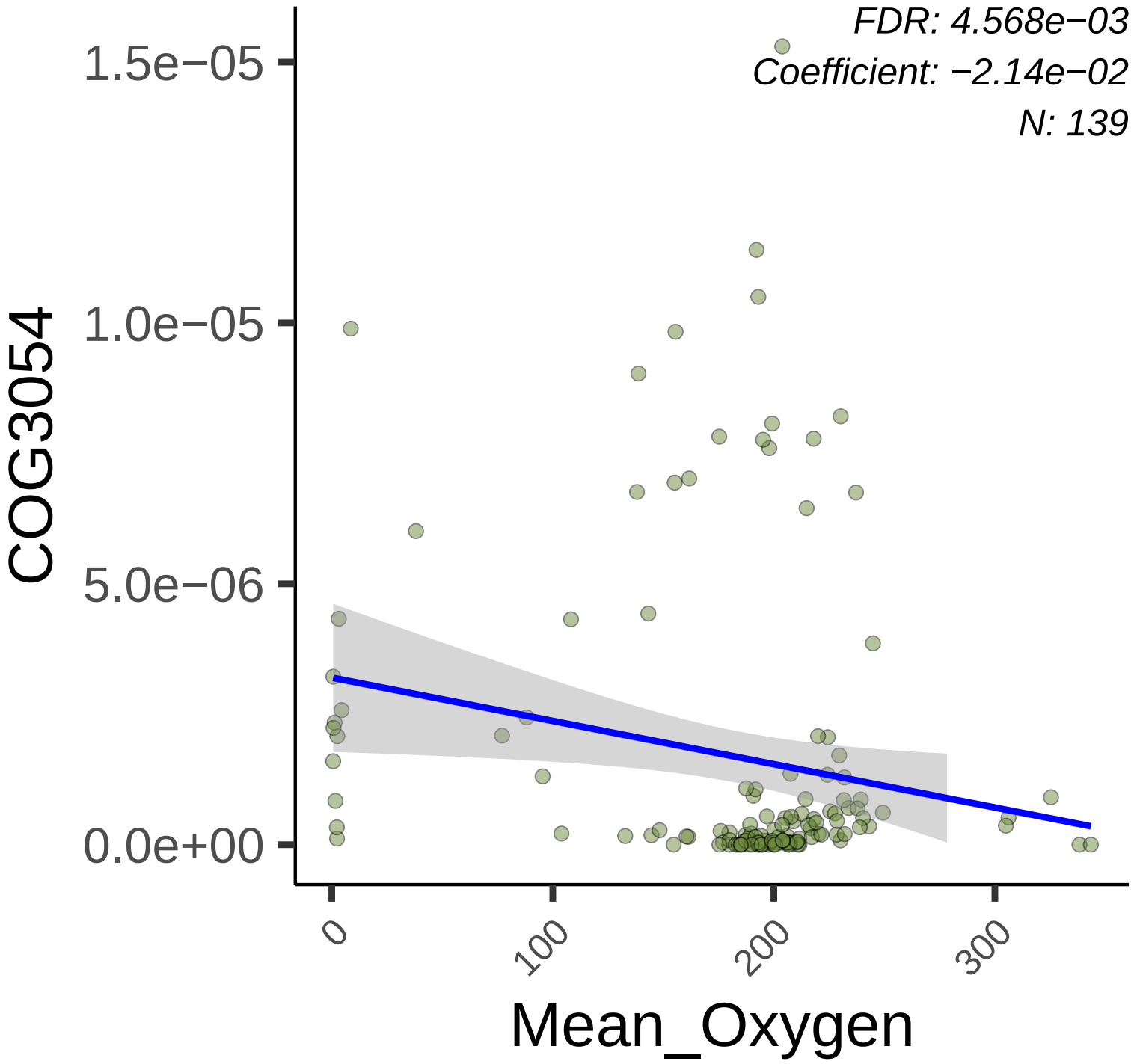
Mean_Oxygen


FDR: 4.568e−03
Coefficient: −2.14e−02
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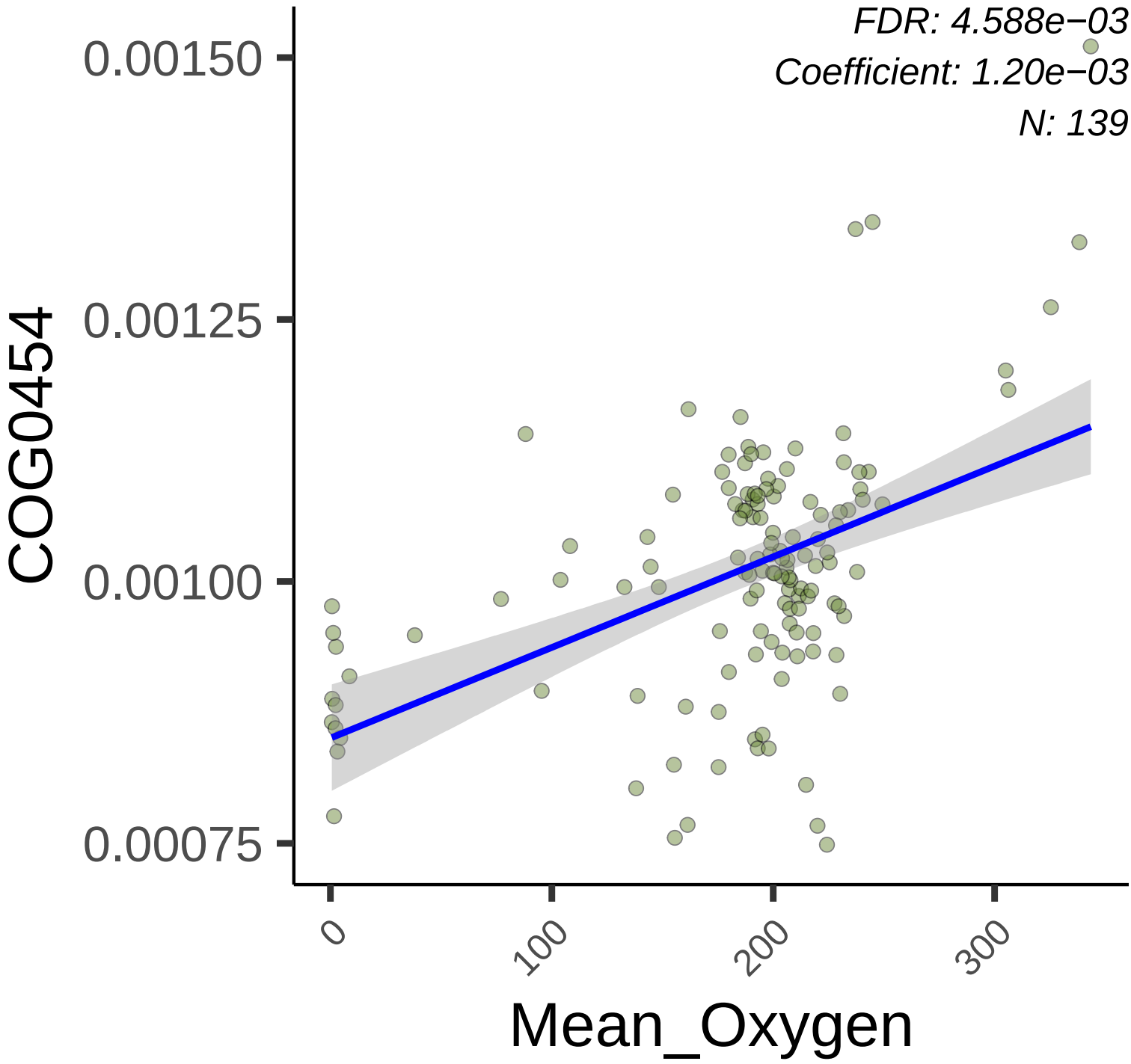
Mean_Oxygen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Coefficient: 1.20e−03
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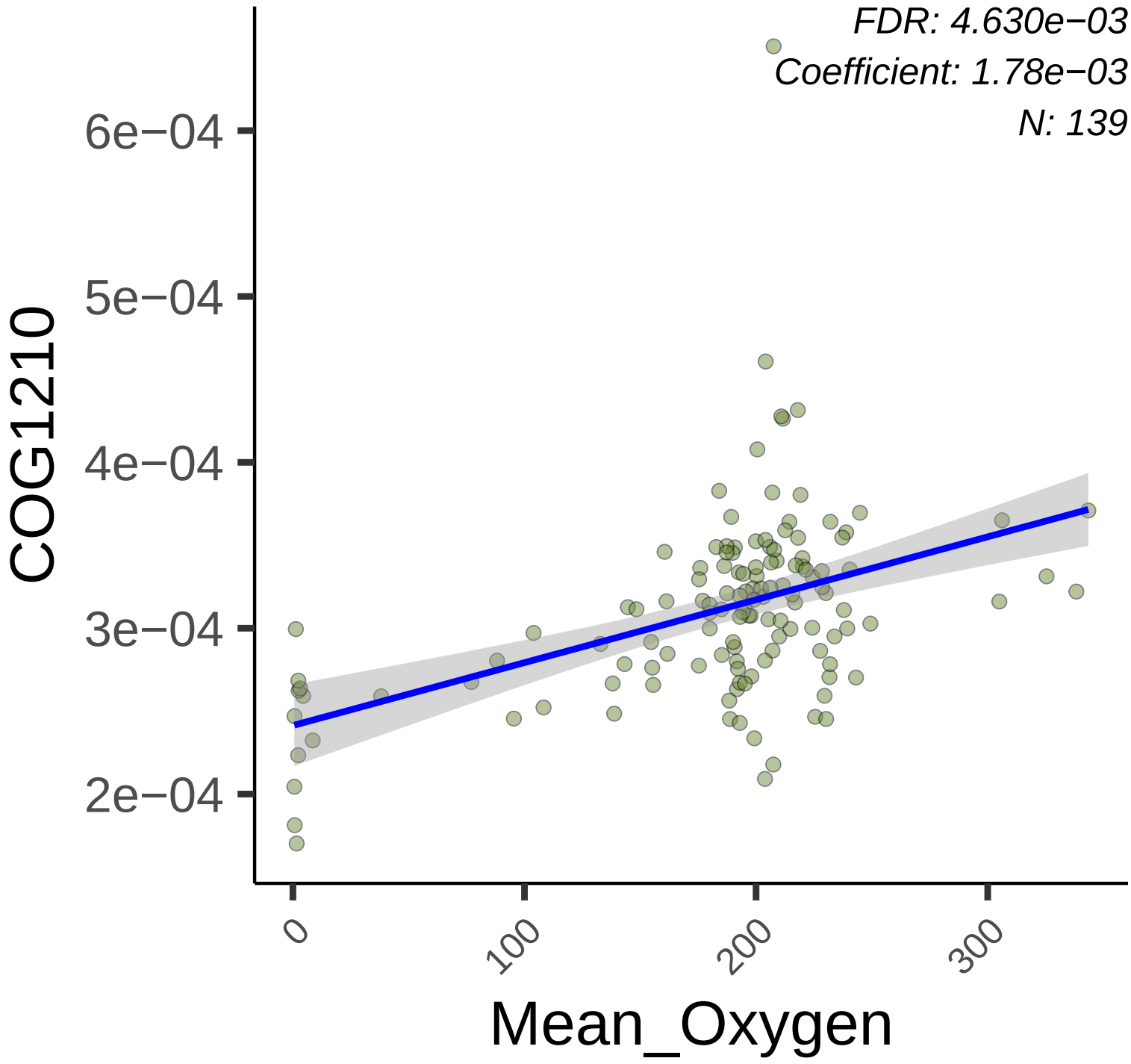
Mean_Oxygen


FDR: 4.630e−03
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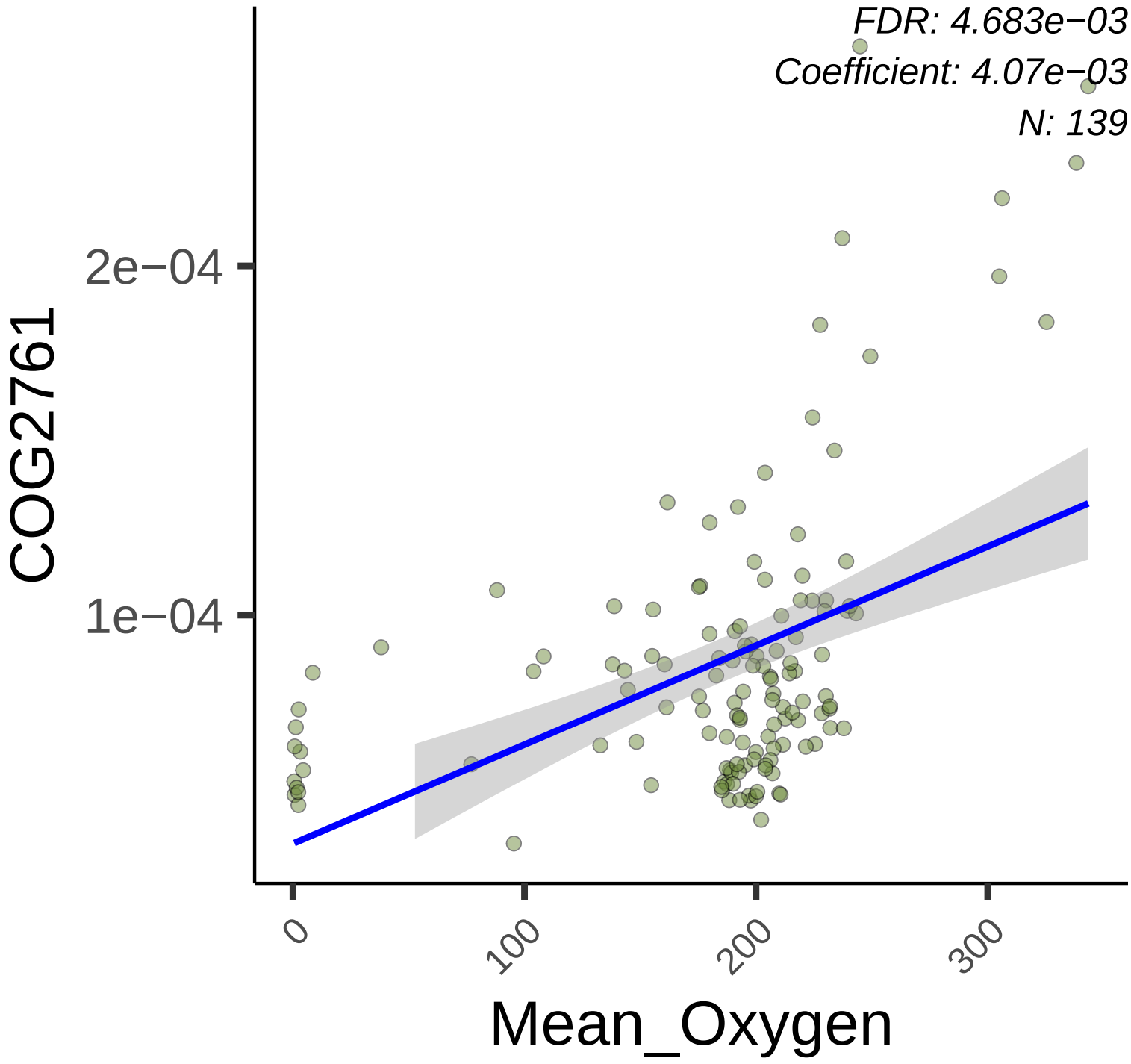
FDR: 4.683e−03
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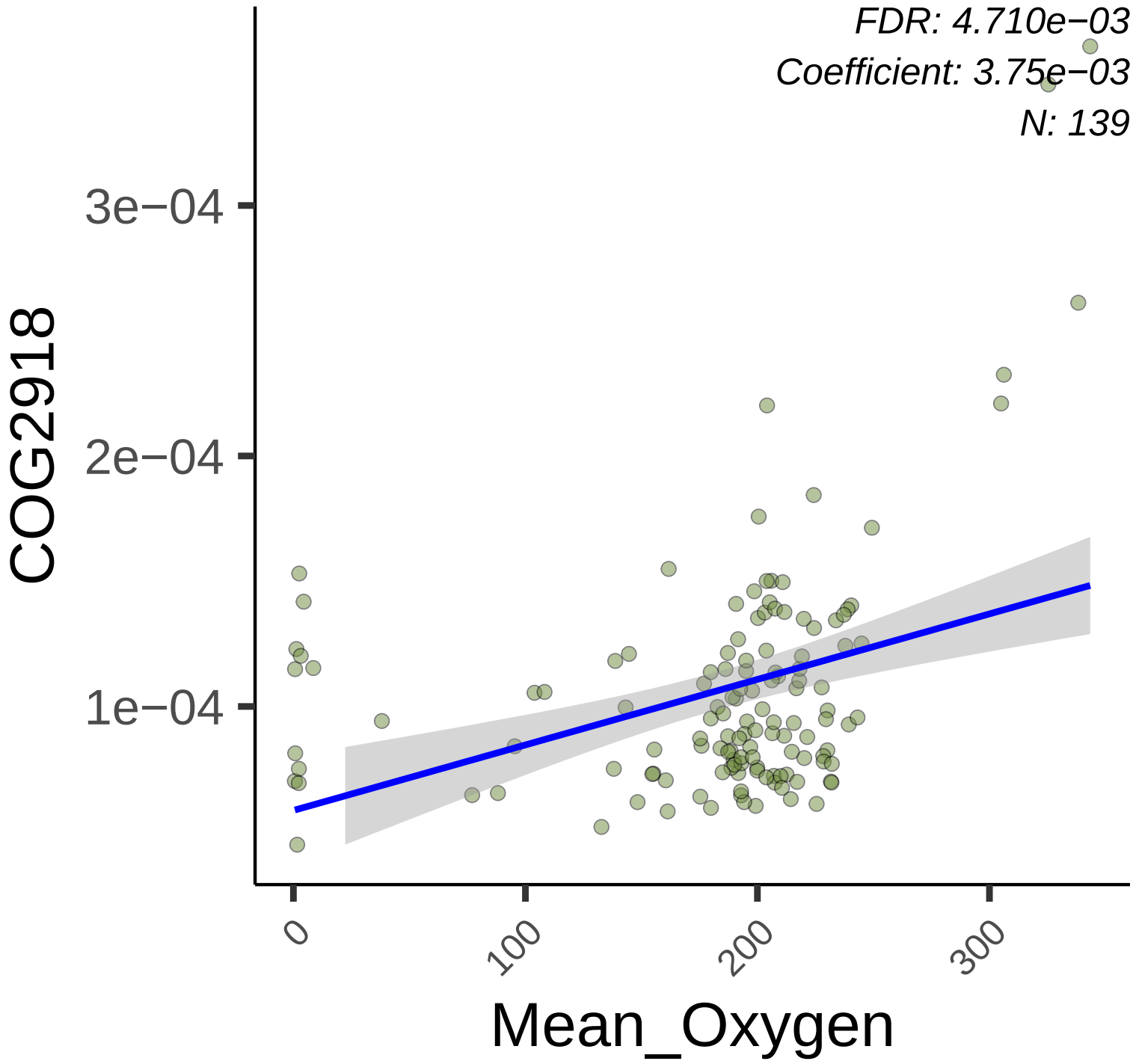
FDR: 4.710e−03
Coefficient: 3.75e−03
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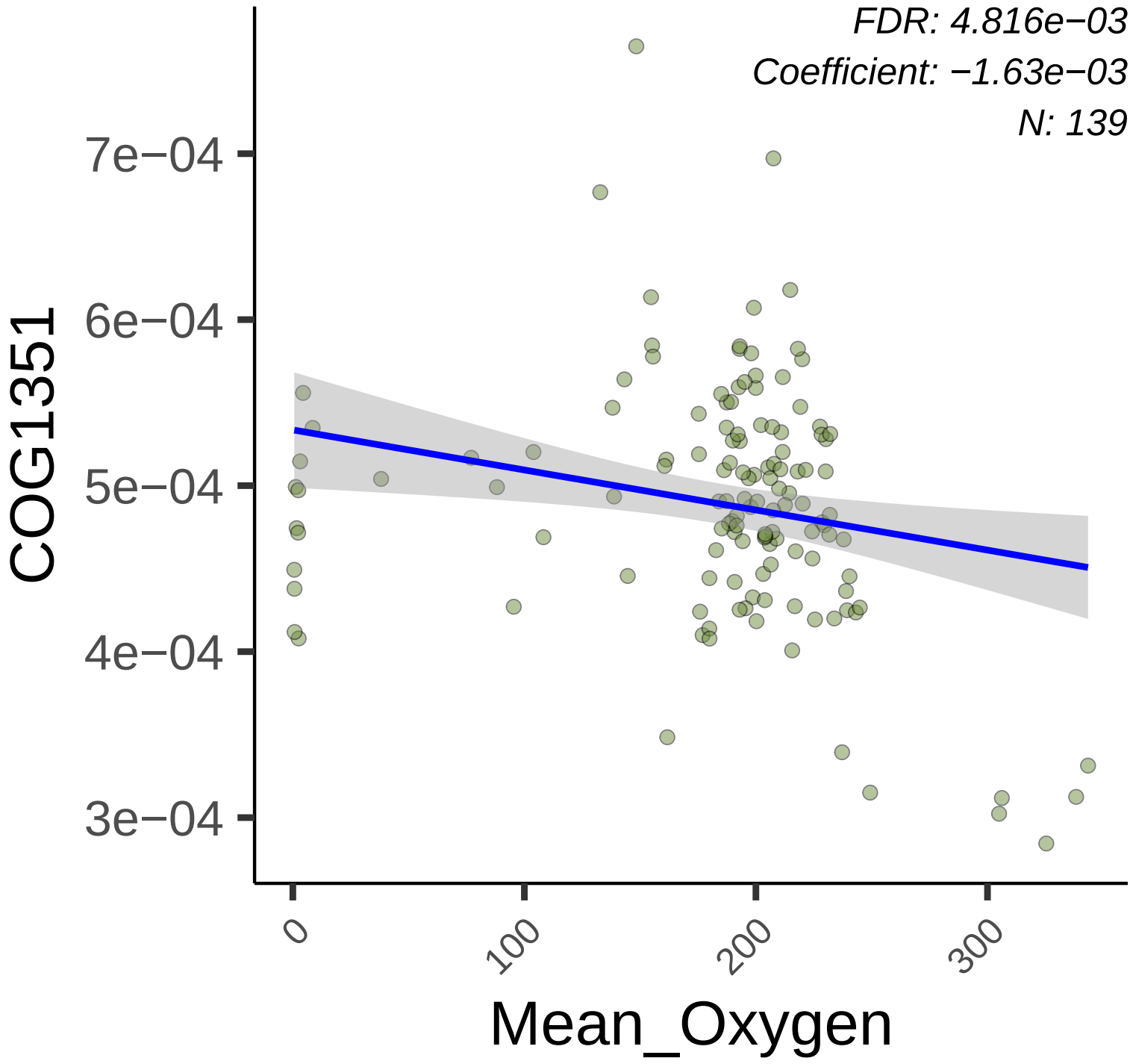
FDR: 4.816e−03
Coefficient: −1.63e−03
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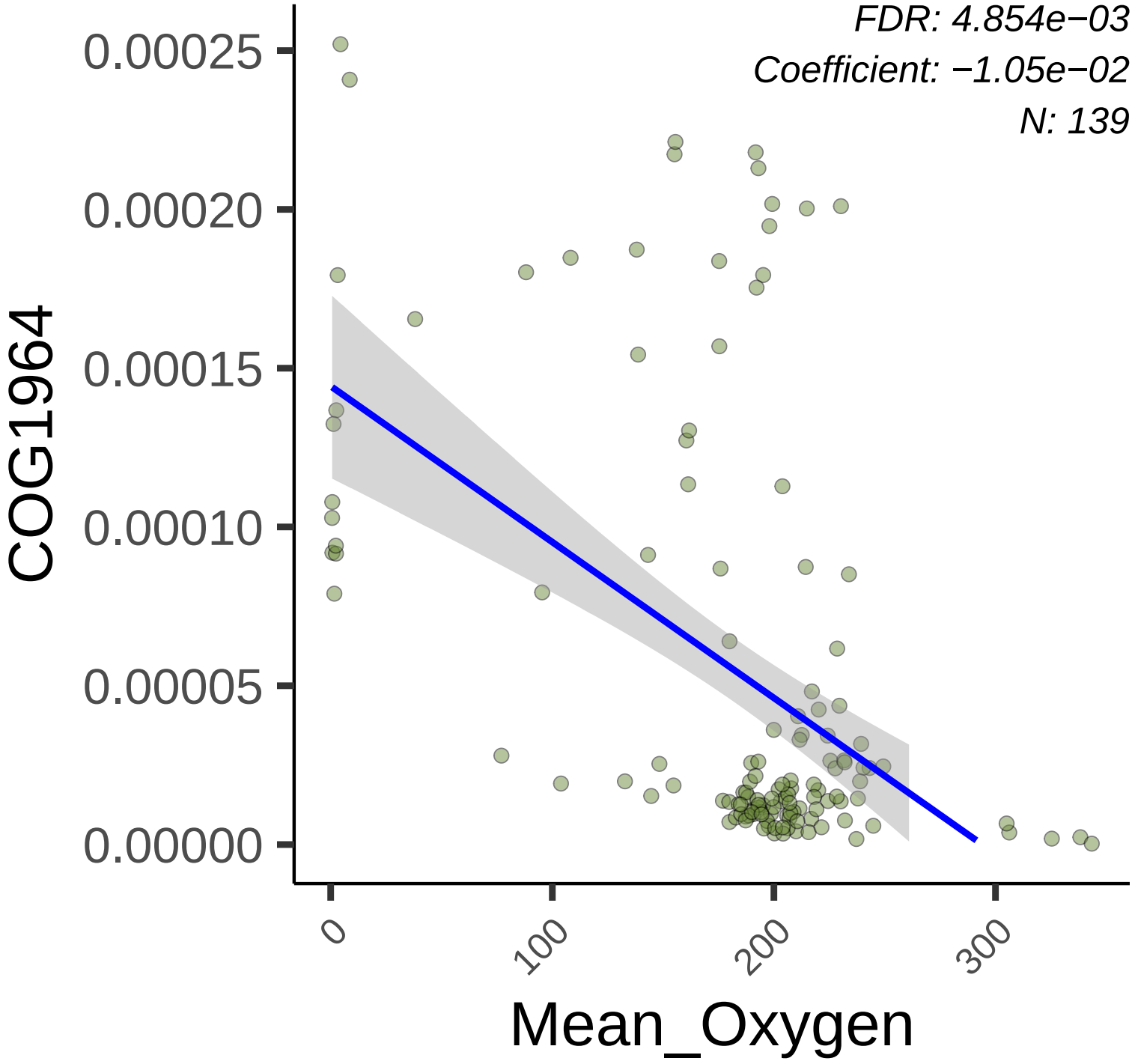
Mean_Oxygen


FDR: 4.854e−03
Coefficient: −1.05e−02
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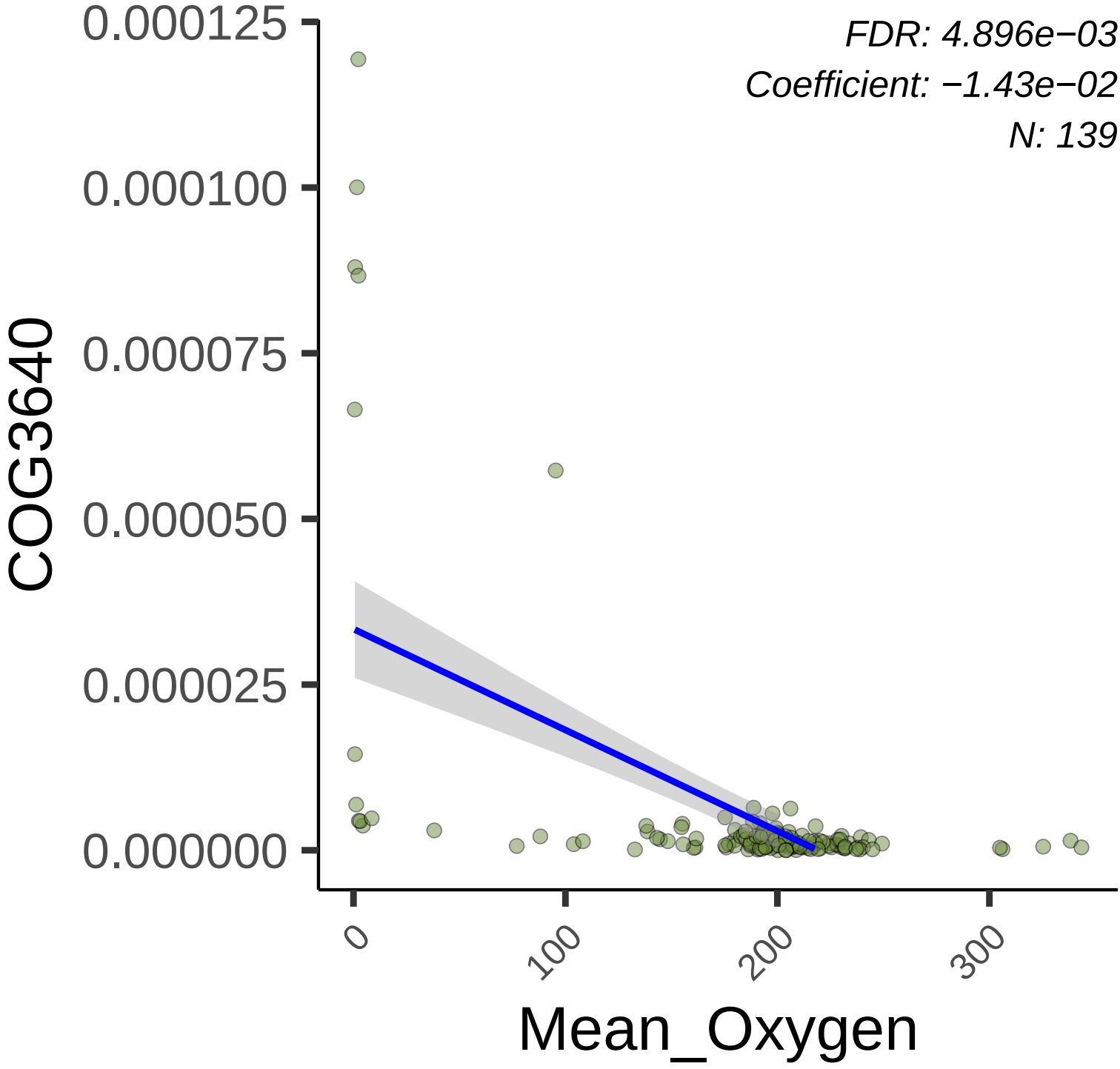
Mean_Oxygen


FDR: 4.896e−03
Coefficient: −1.43e−02
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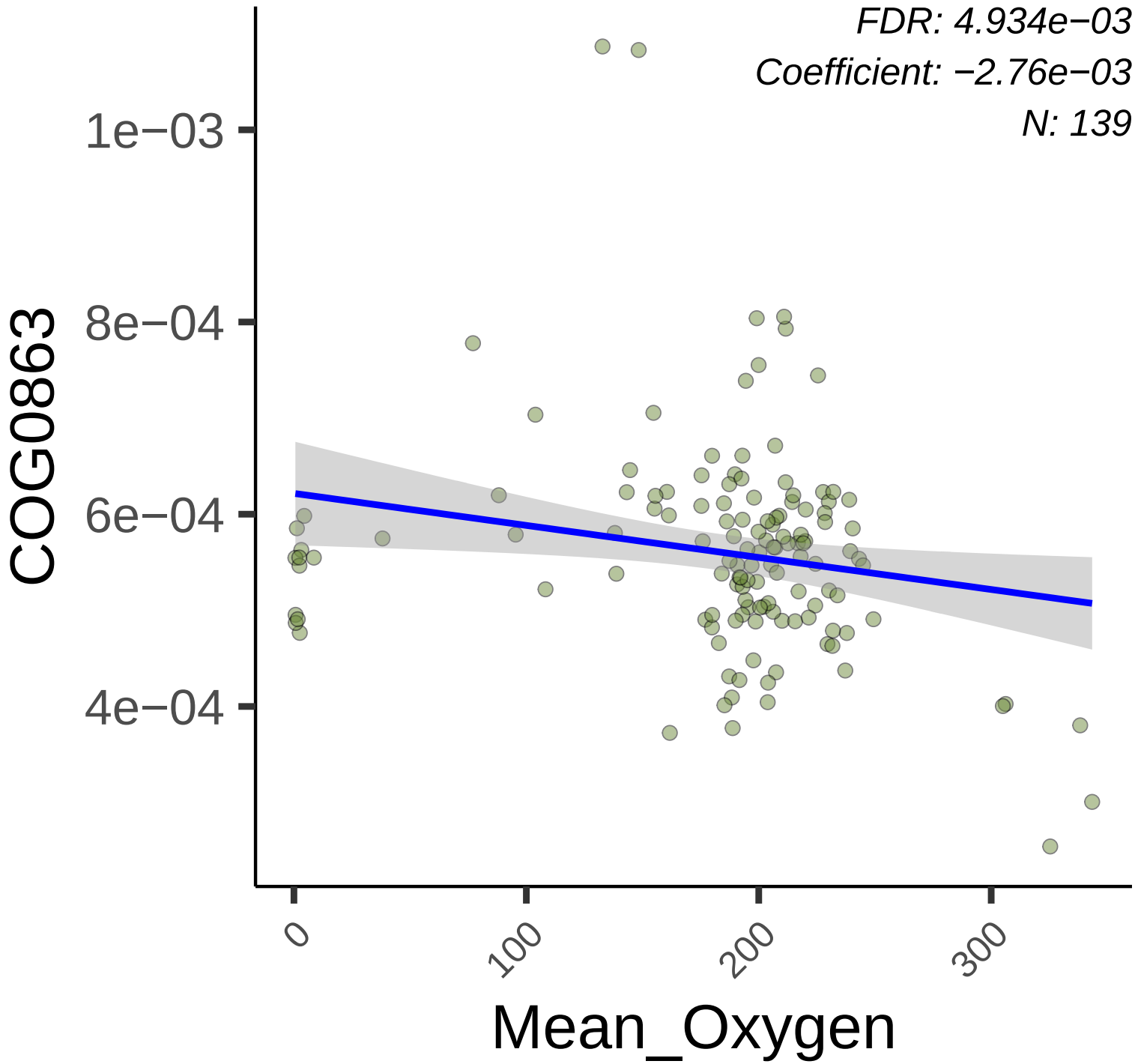
Mean_Oxygen


FDR: 4.934e−03
Coefficient: −2.76e−03
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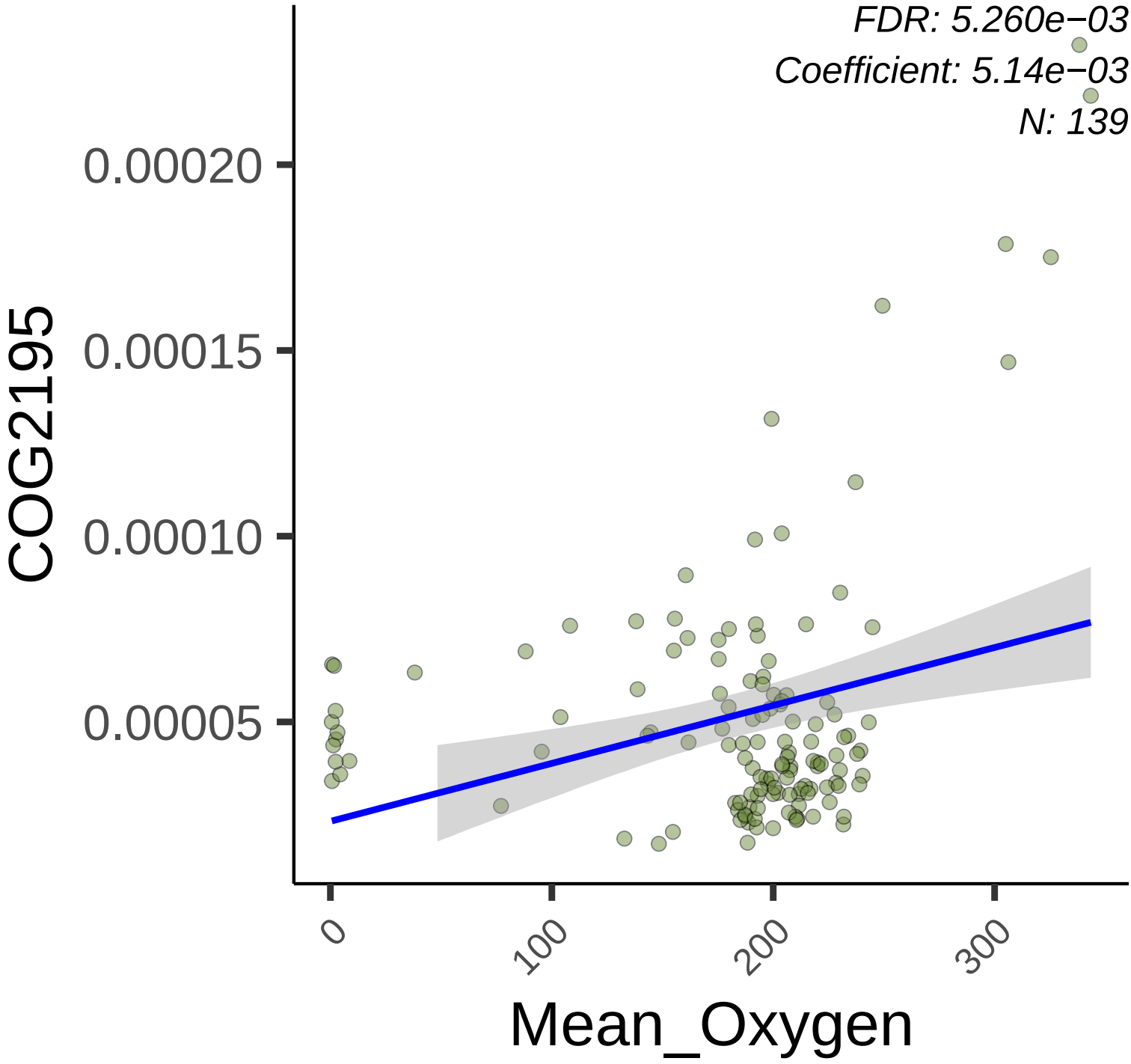
FDR: 5.260e−03
Coefficient: 5.14e−03
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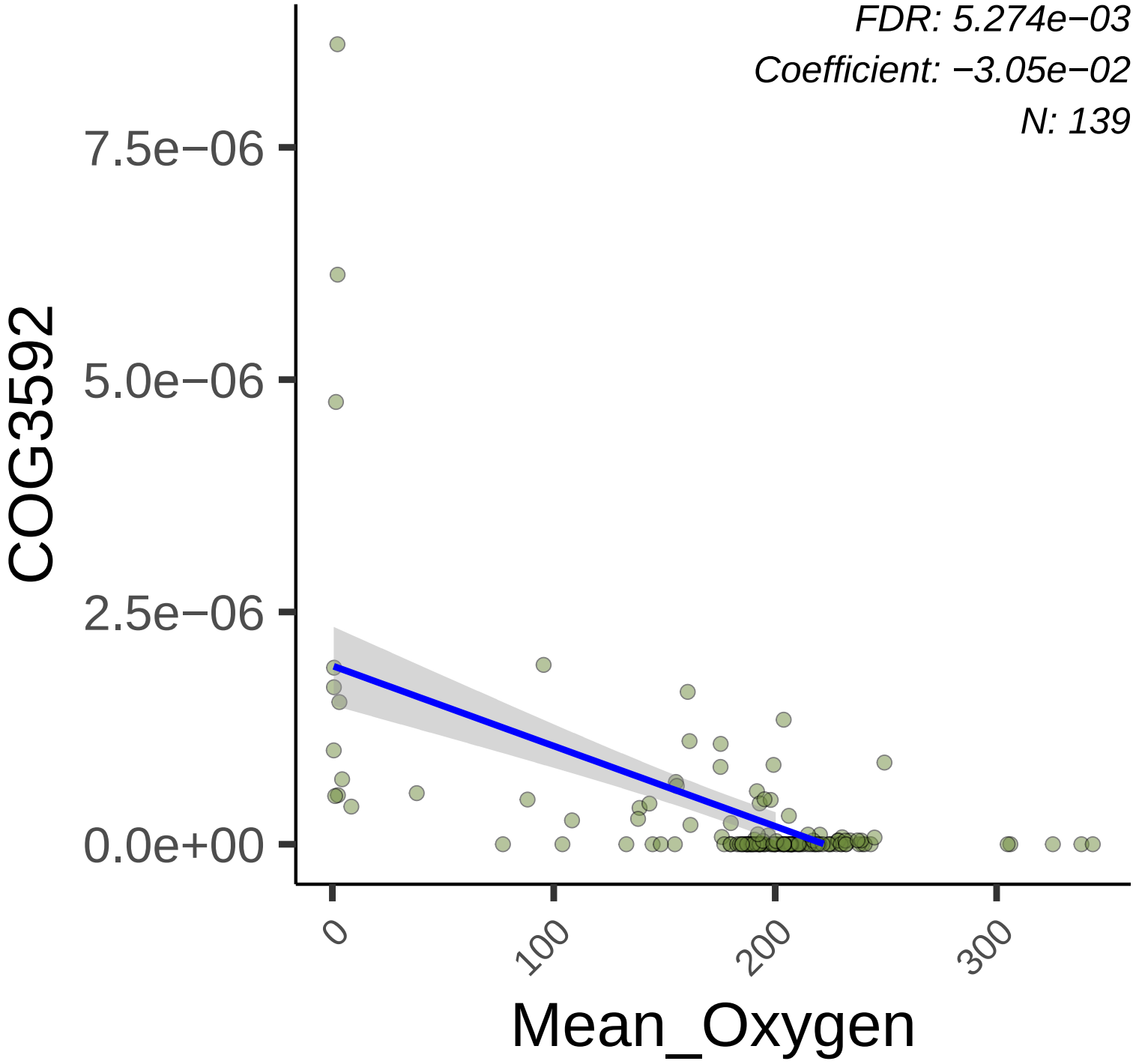
Mean_Oxygen


FDR: 5.274e−03
Coefficient: −3.05e−02
N: 139
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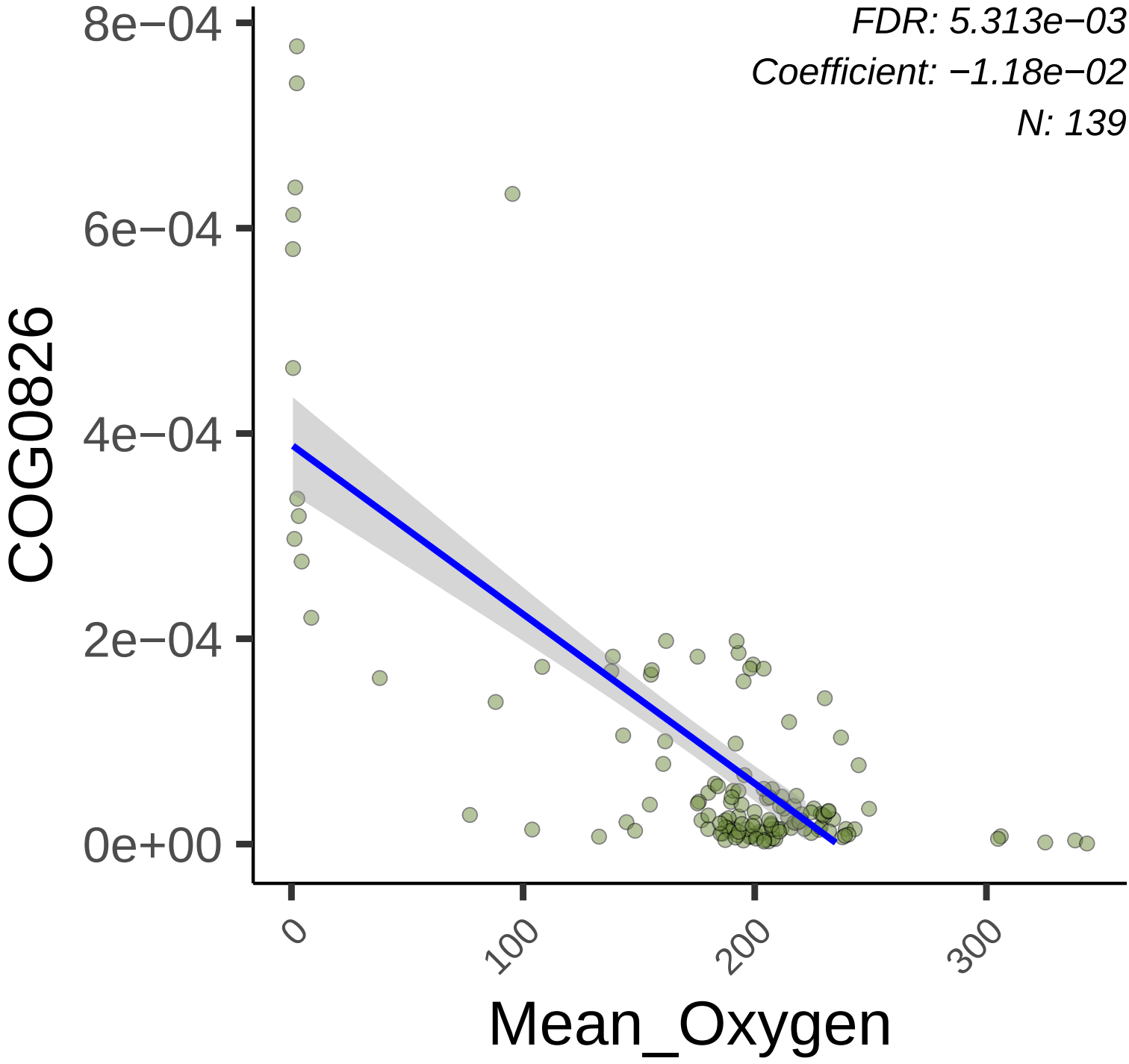
Mean_Oxygen


FDR: 5.313e−03
Coefficient: −1.18e−02
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COG0826
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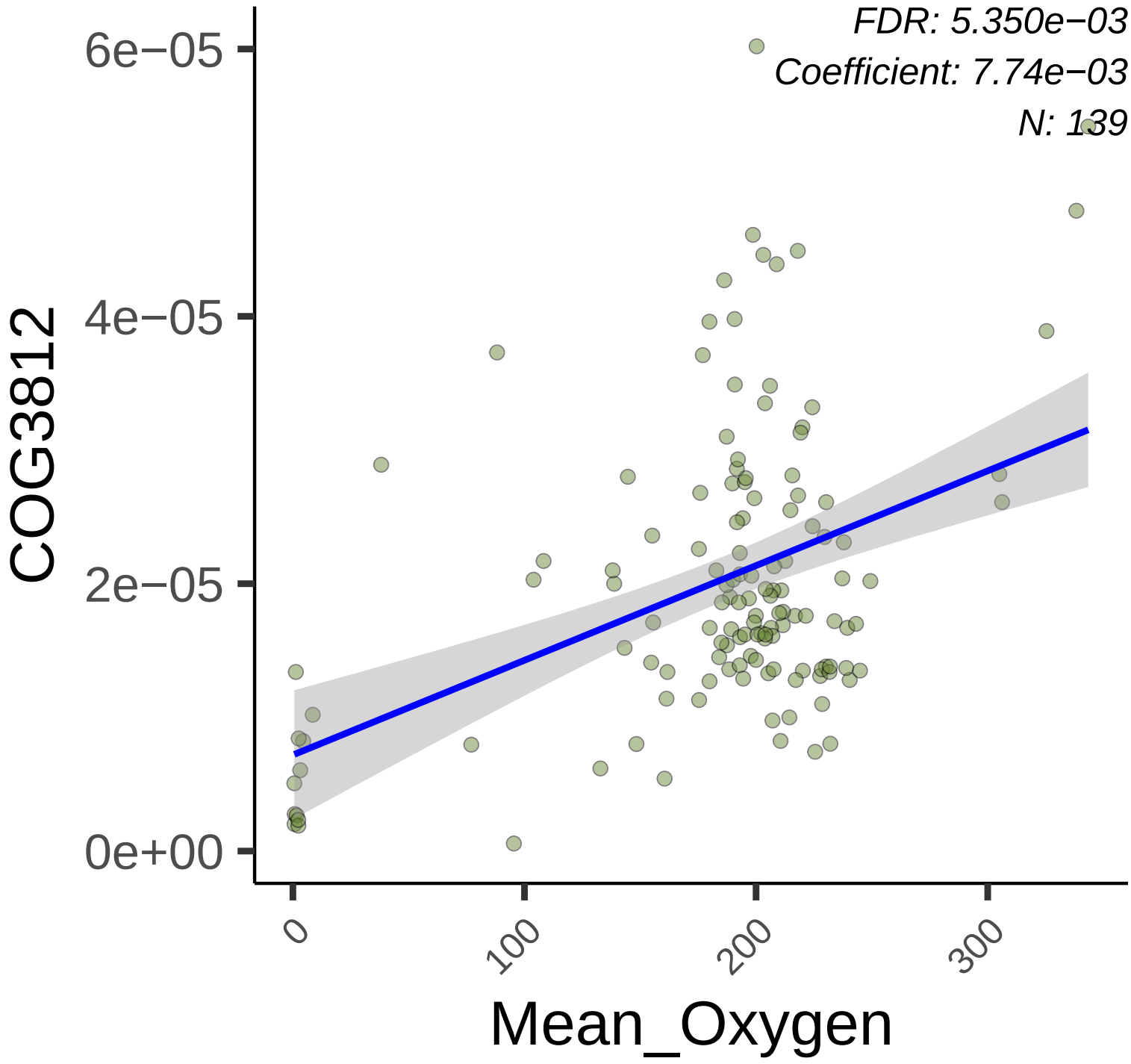
200
300
Mean_Oxygen


FDR: 5.350e−03
Coefficient: 7.74e−03
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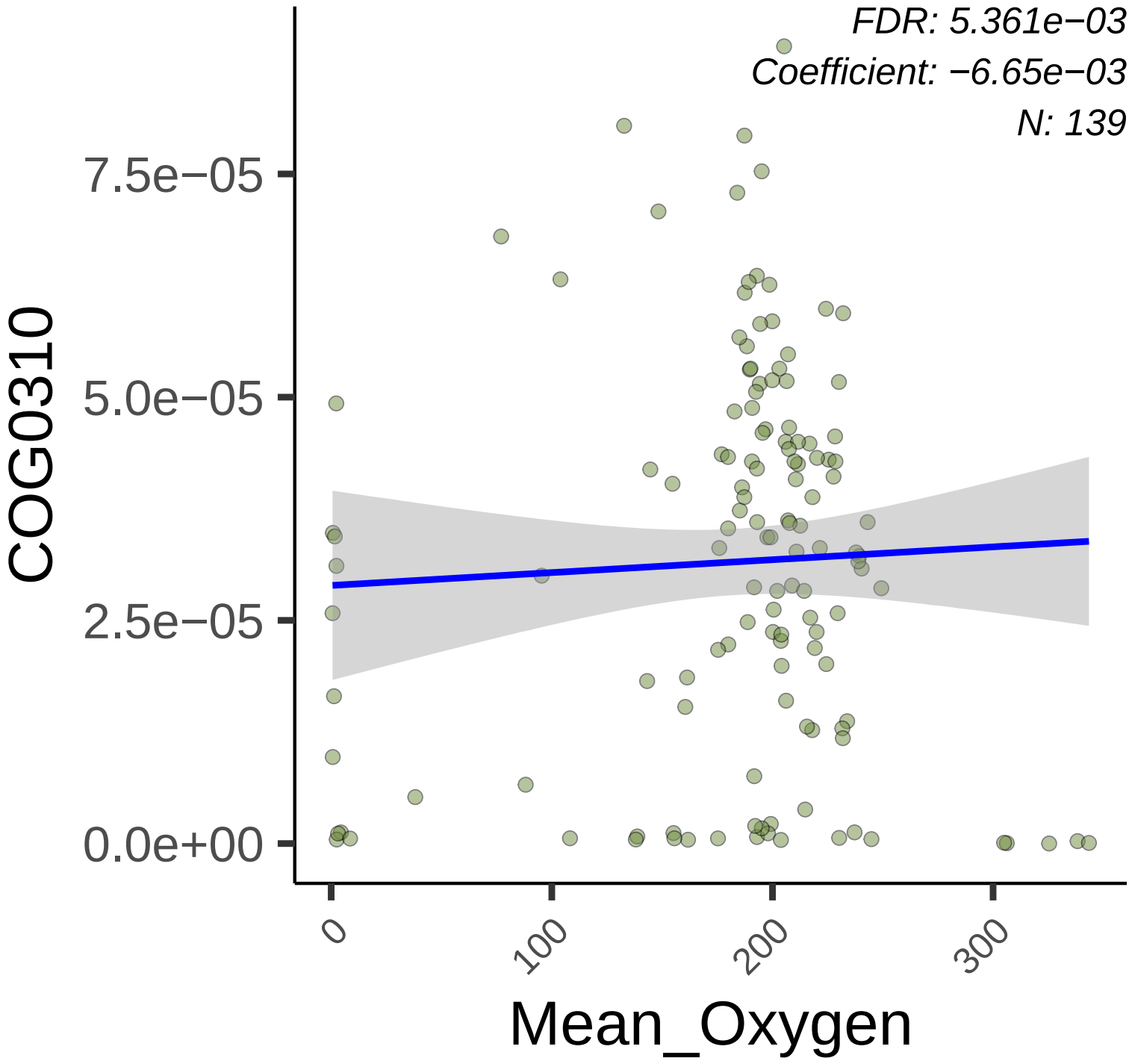
Mean_Oxygen


FDR: 5.361e−03
Coefficient: −6.65e−03
N: 139
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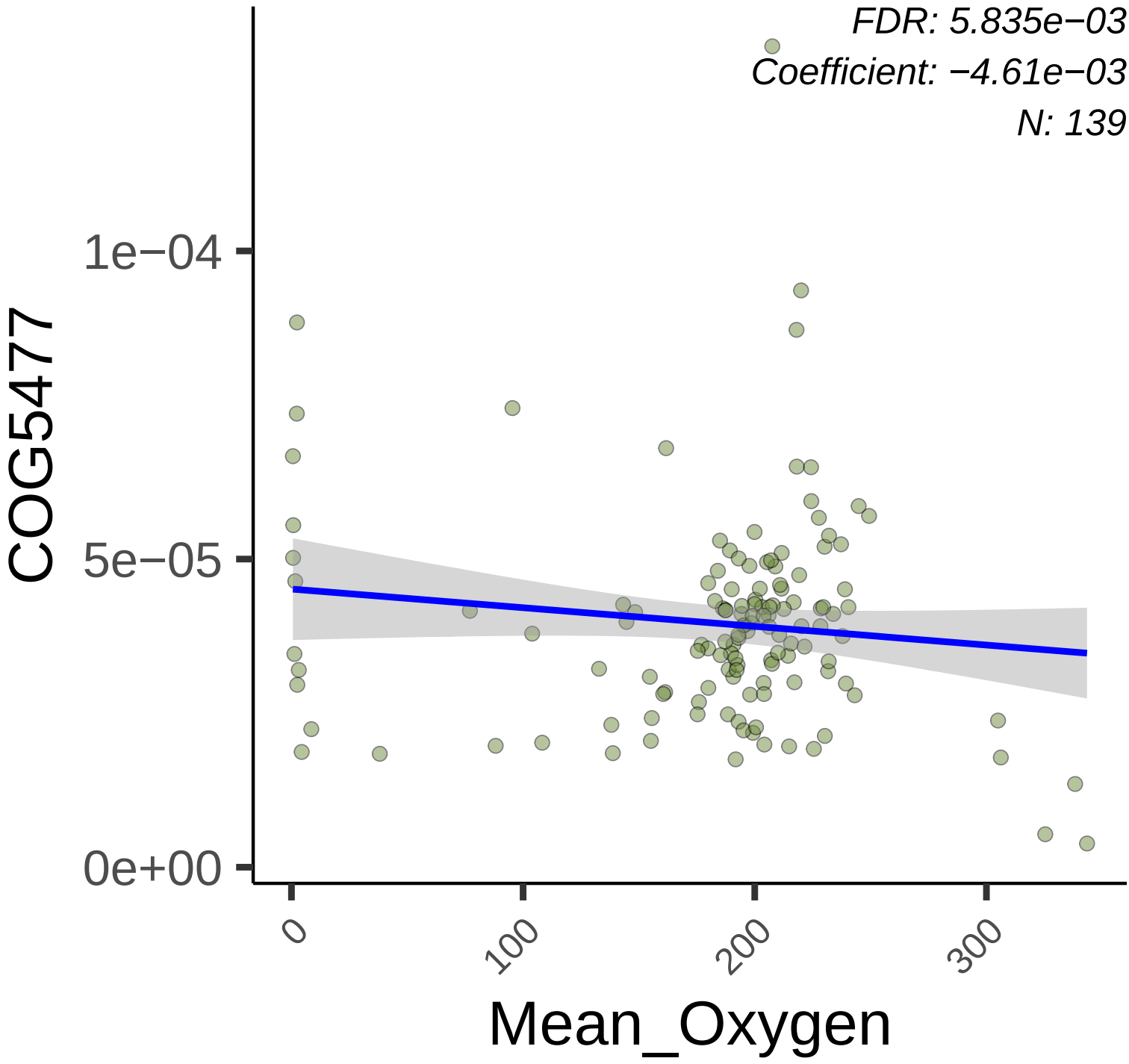
Mean_Oxygen


FDR: 5.835e−03
Coefficient: −4.61e−03
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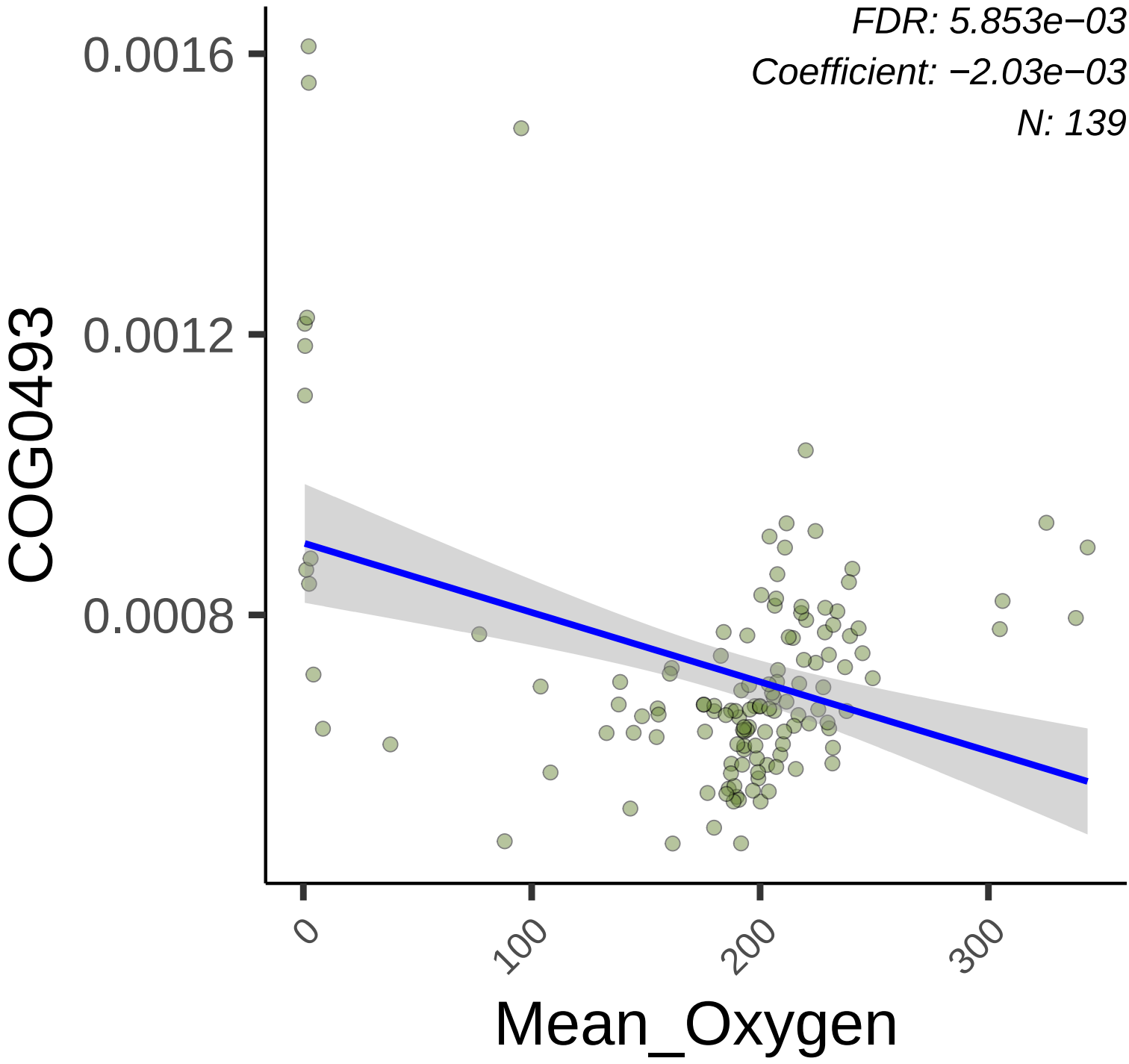
Mean_Oxygen


FDR: 5.853e−03
Coefficient: −2.03e−03
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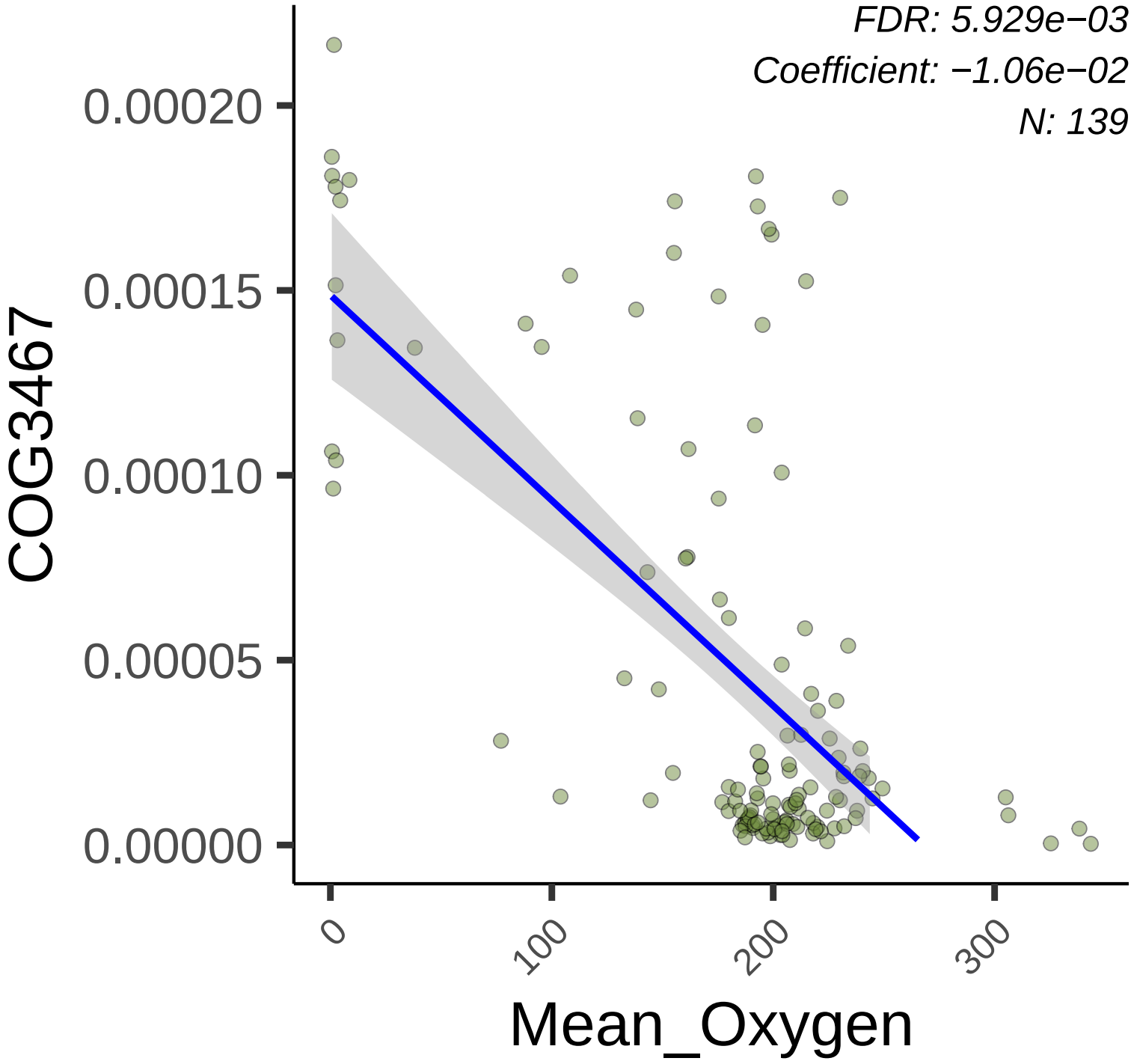
Mean_Oxygen


FDR: 5.929e−03
Coefficient: −1.06e−02
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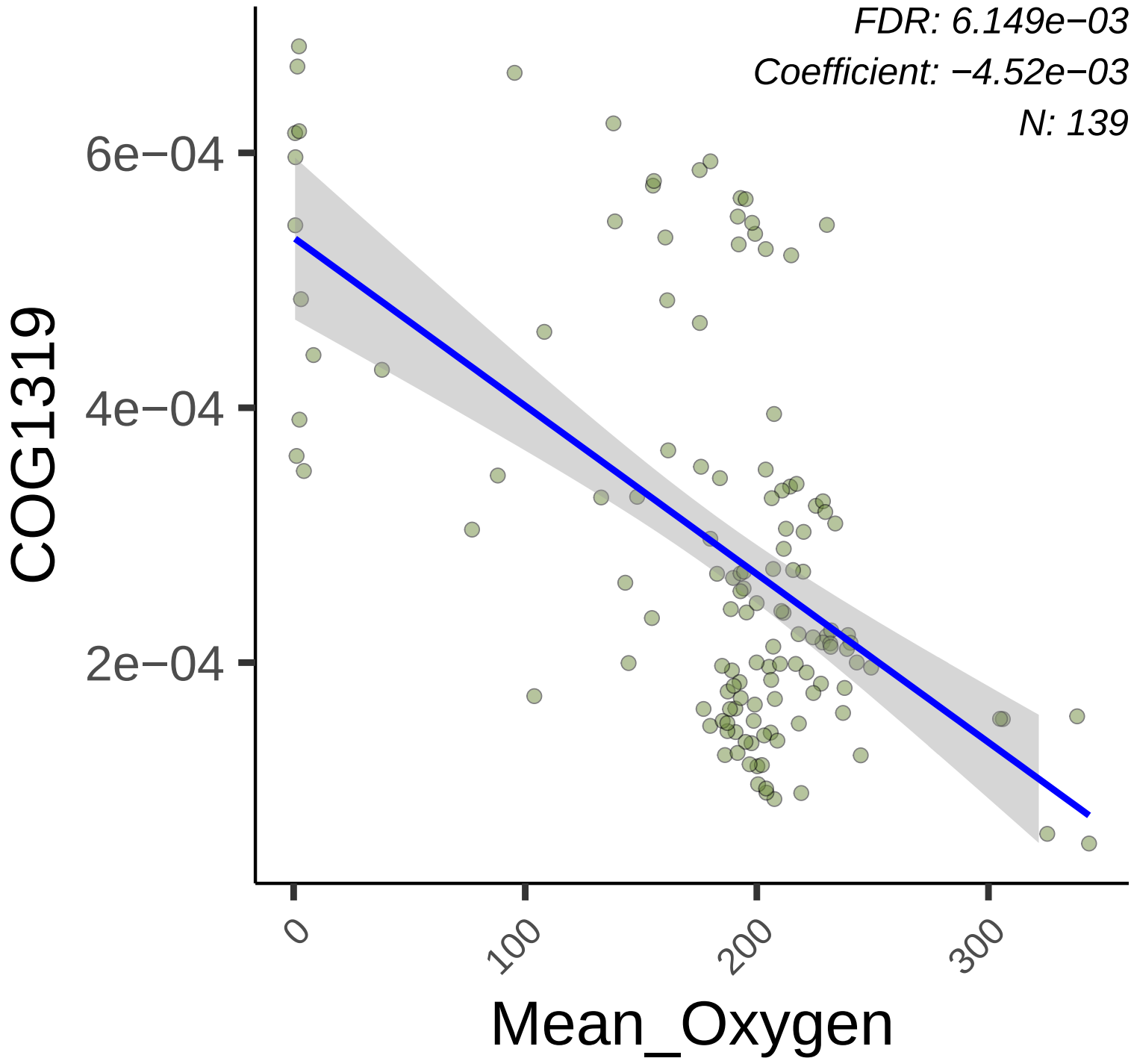
Mean_Oxygen


FDR: 6.149e−03
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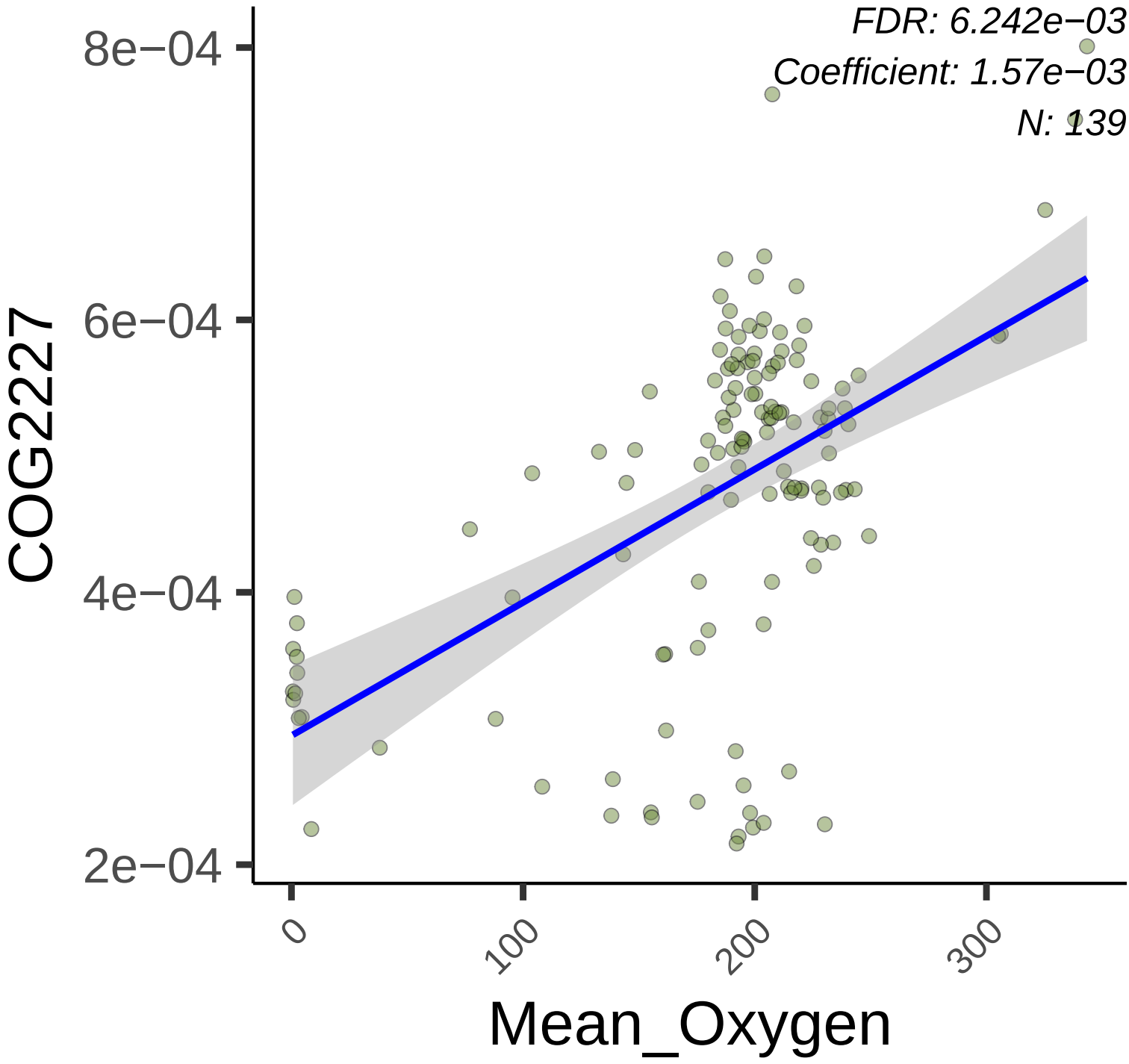
Mean_Oxygen


FDR: 6.242e−03
Coefficient: 1.57e−03
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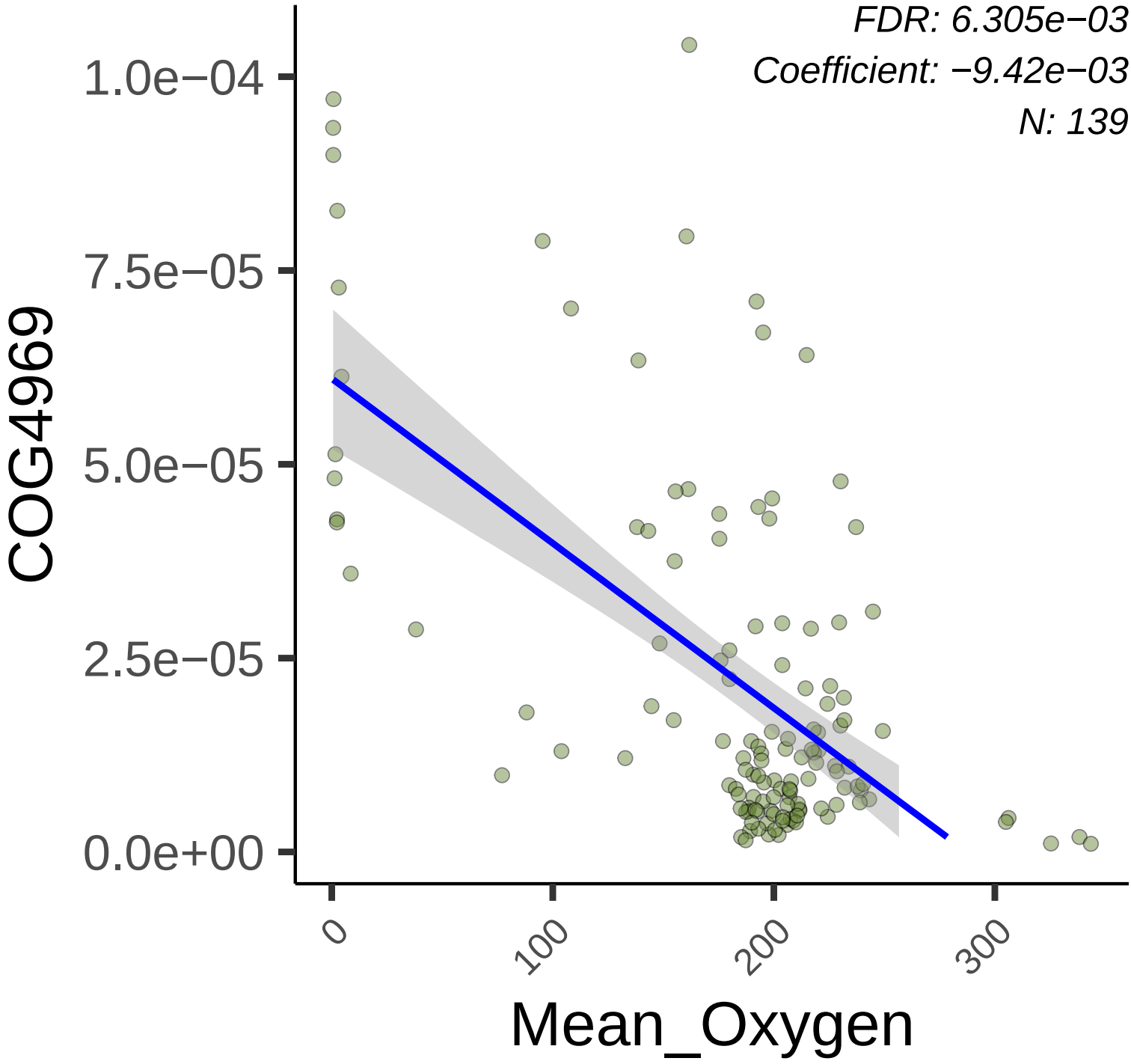
200
300
Mean_Oxygen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Coefficient: −9.42e−03
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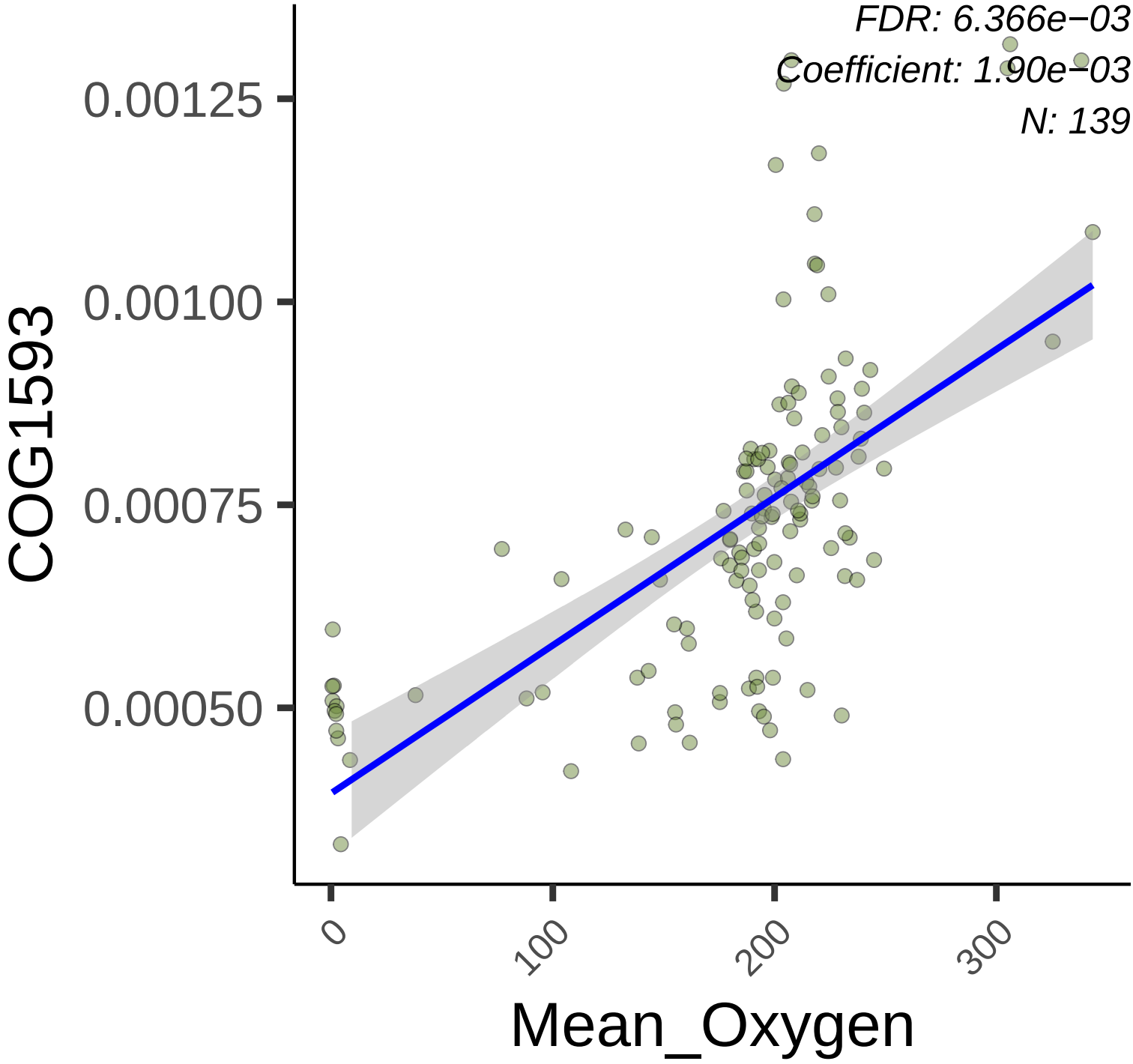
200
300
Mean_Oxygen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Coefficient: 1.90e−03
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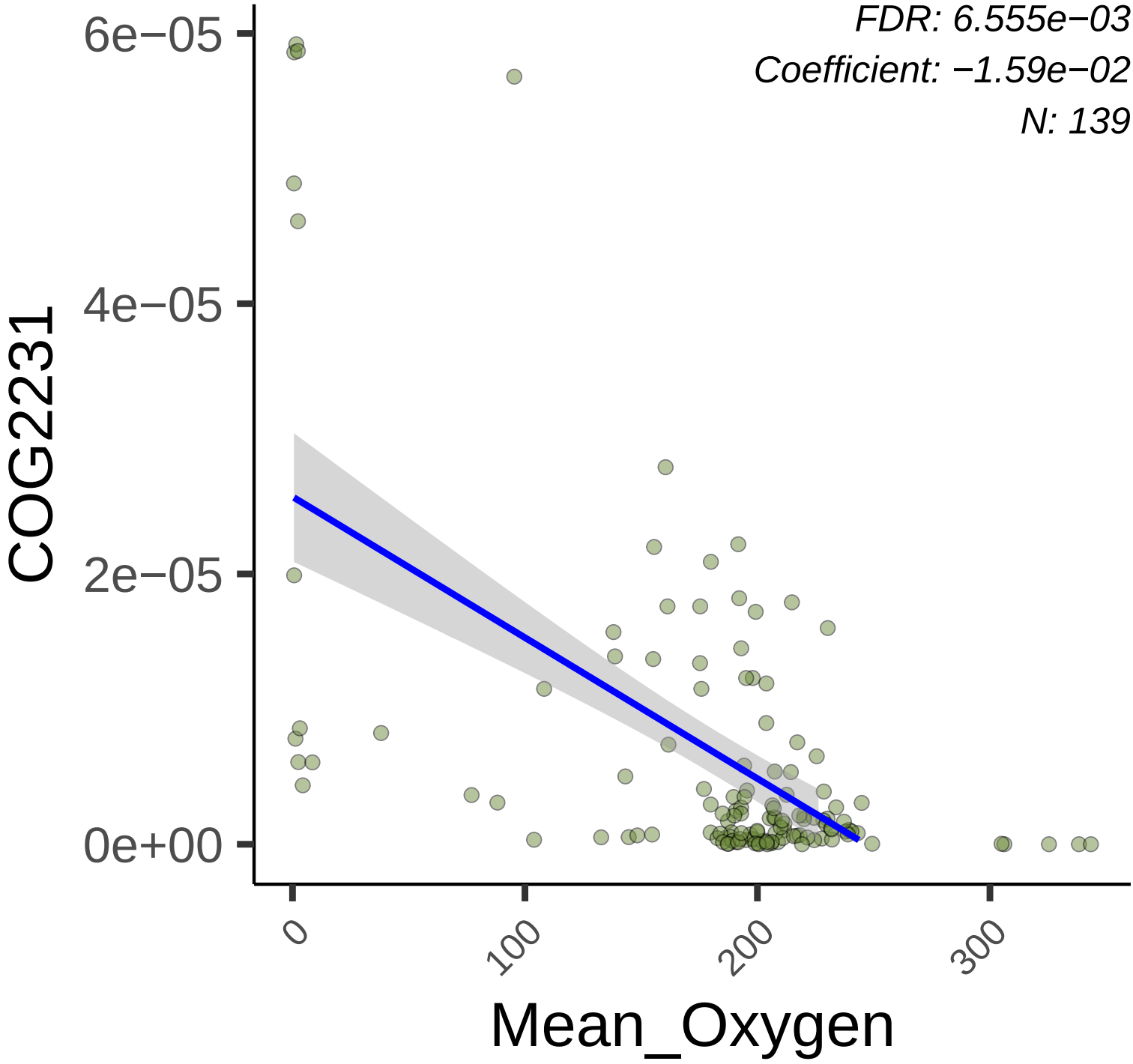
300
Mean_Oxygen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Coefficient: −1.59e−02
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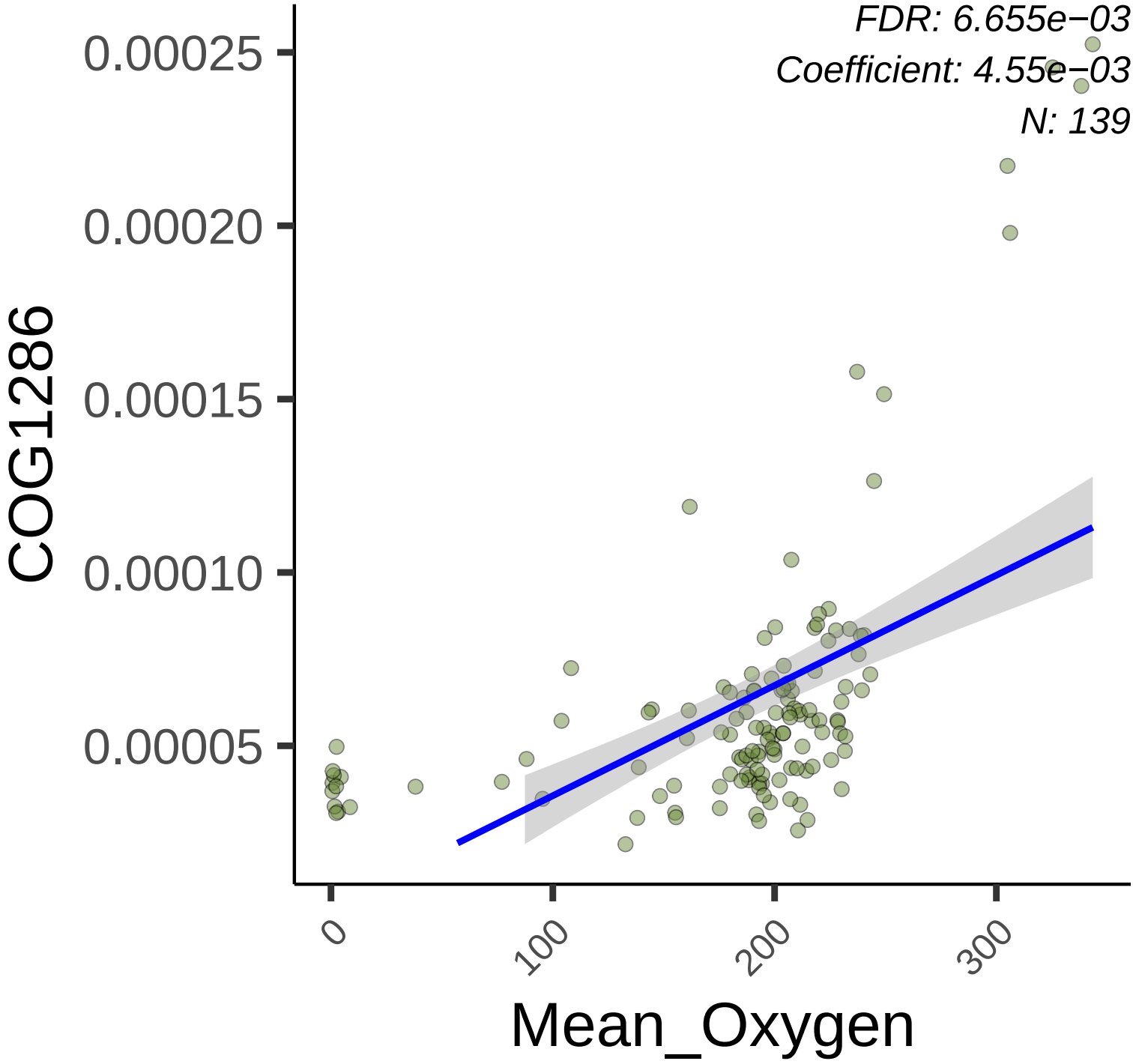
200
300
Mean_Oxygen


FDR: 6.655e−03
Coefficient: 4.55e−03
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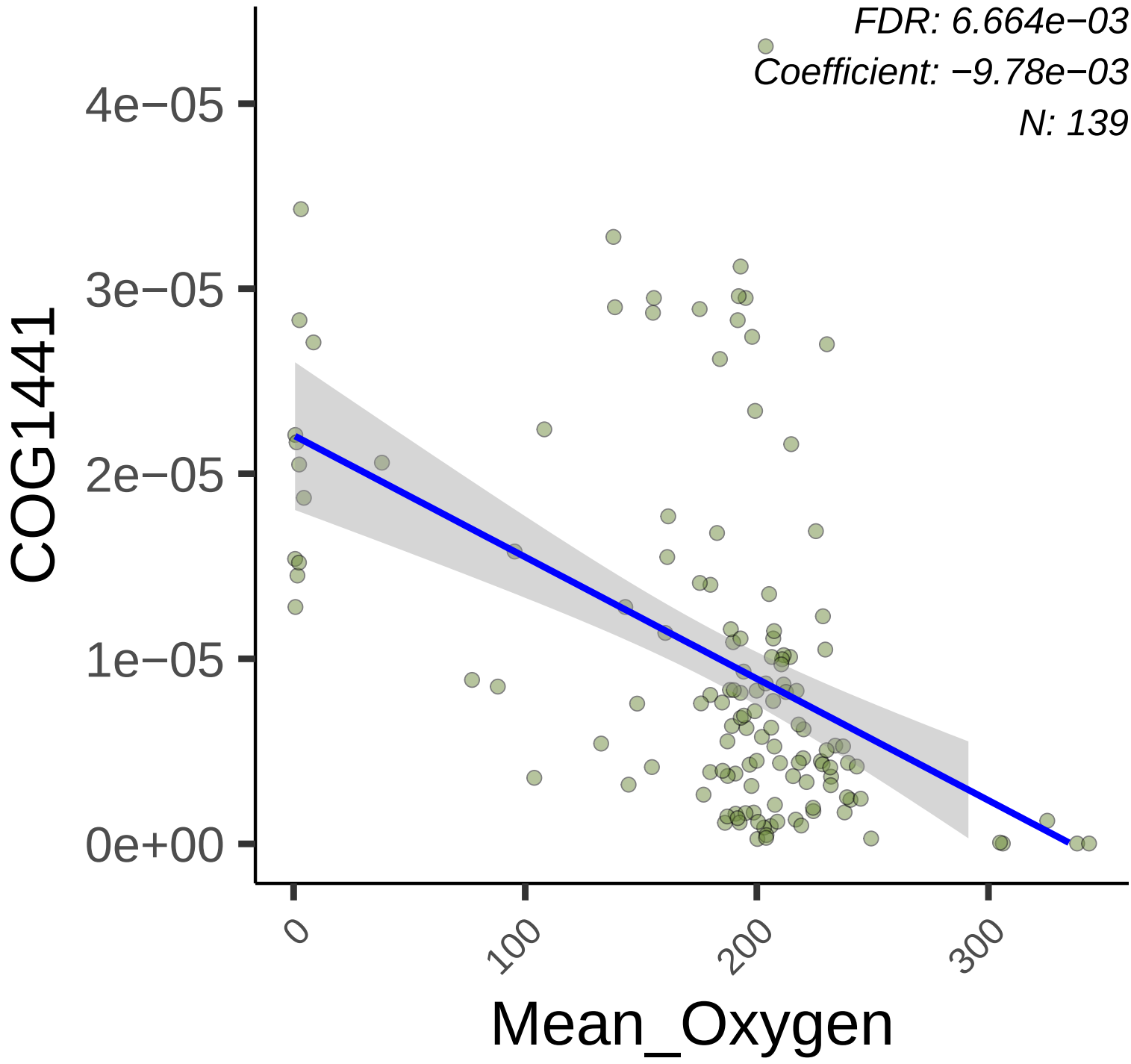
300
Mean_Oxygen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Coefficient: −9.78e−03
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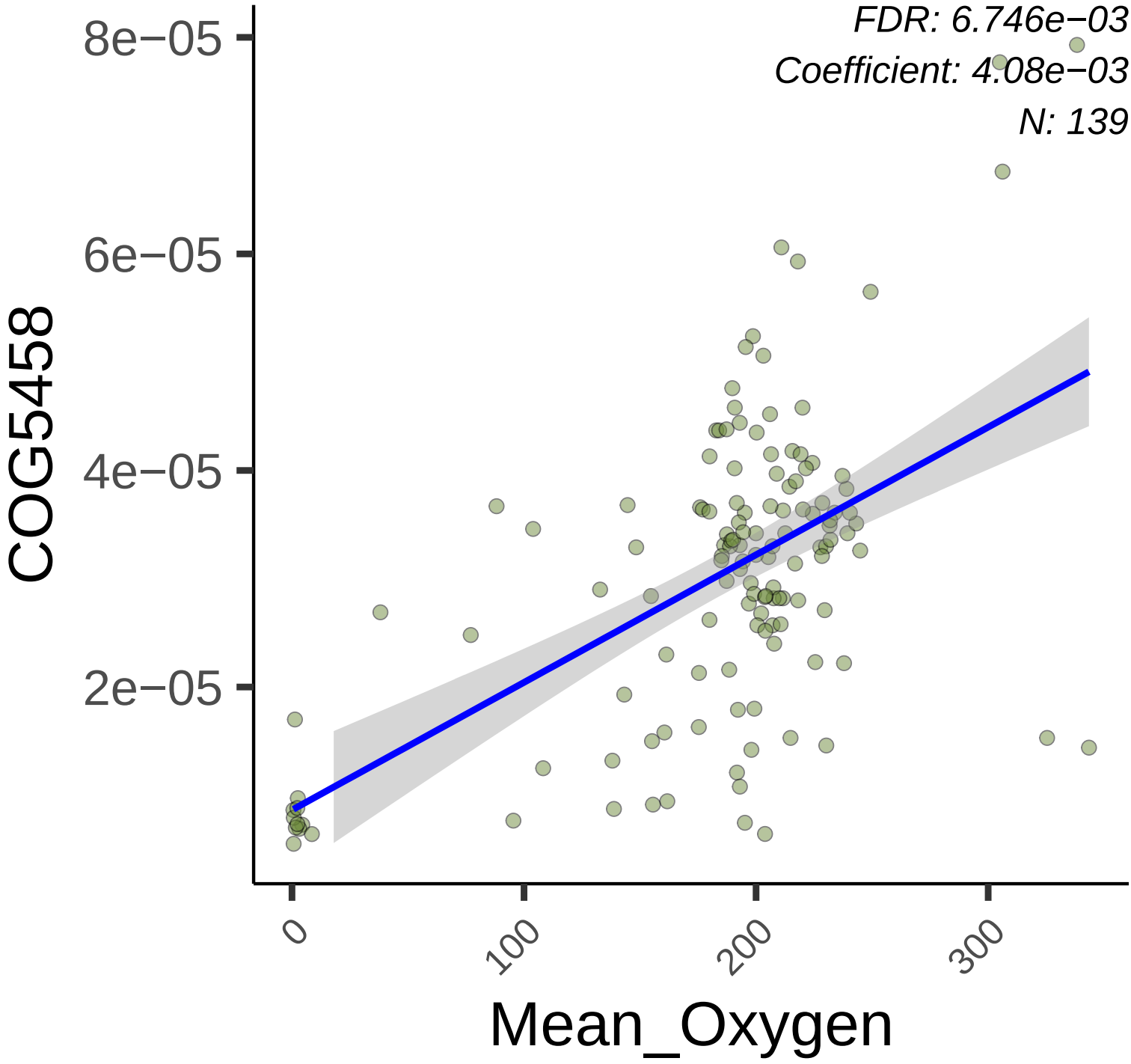
Mean_Oxygen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Coefficient: 4.08e−03
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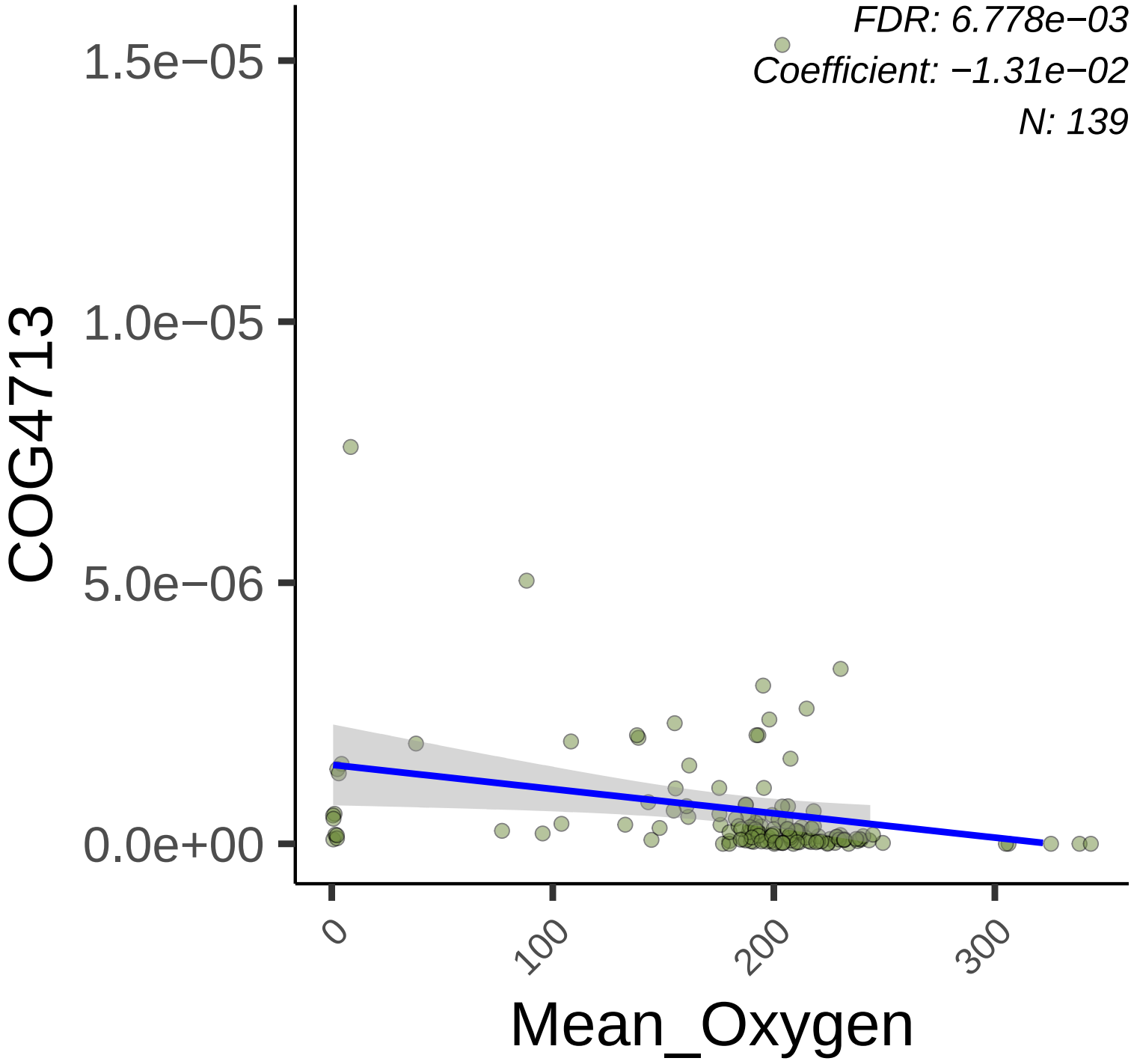
Mean_Oxygen


FDR: 6.778e−03
Coefficient: −1.31e−02
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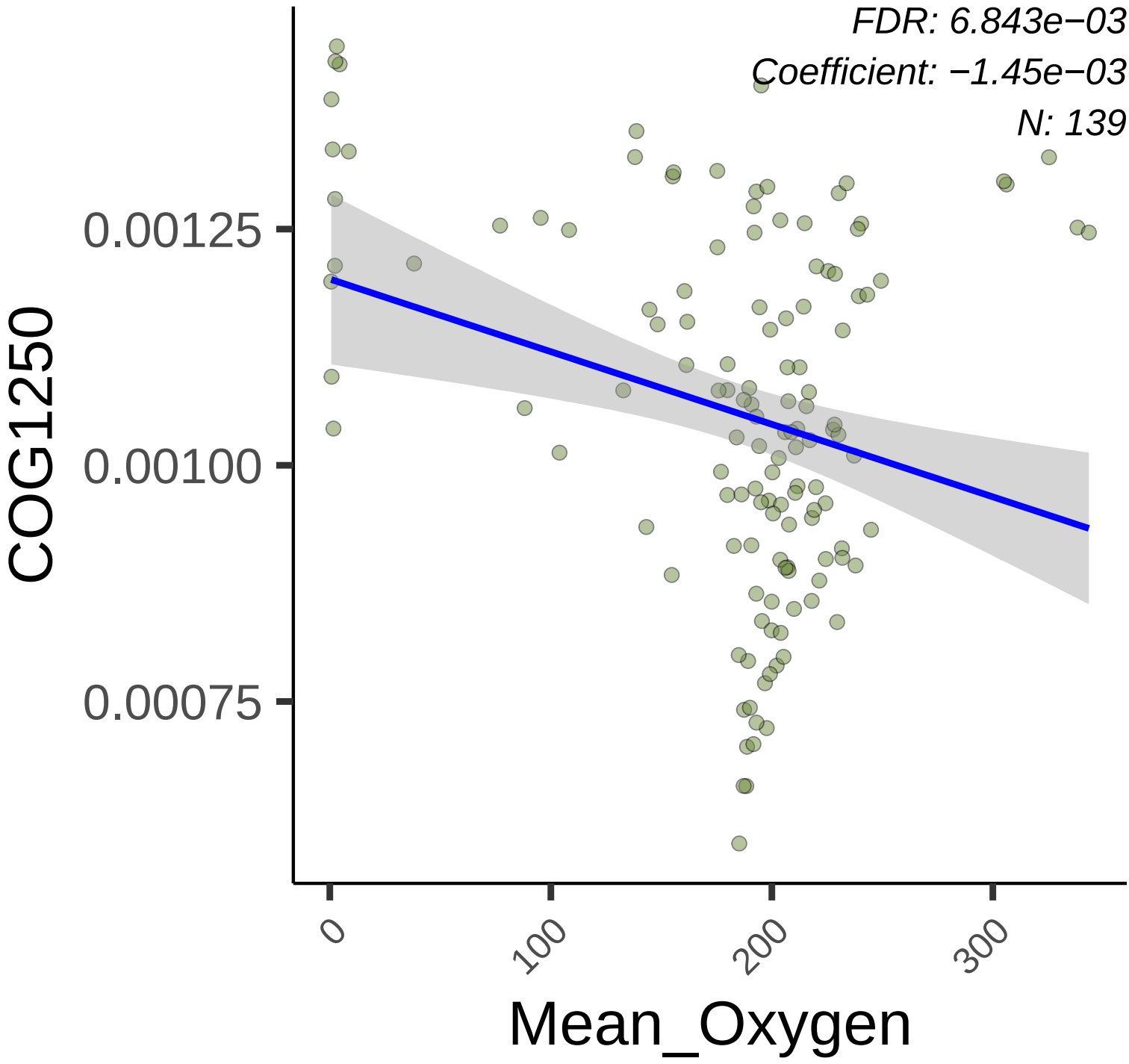
200
300
Mean_Oxygen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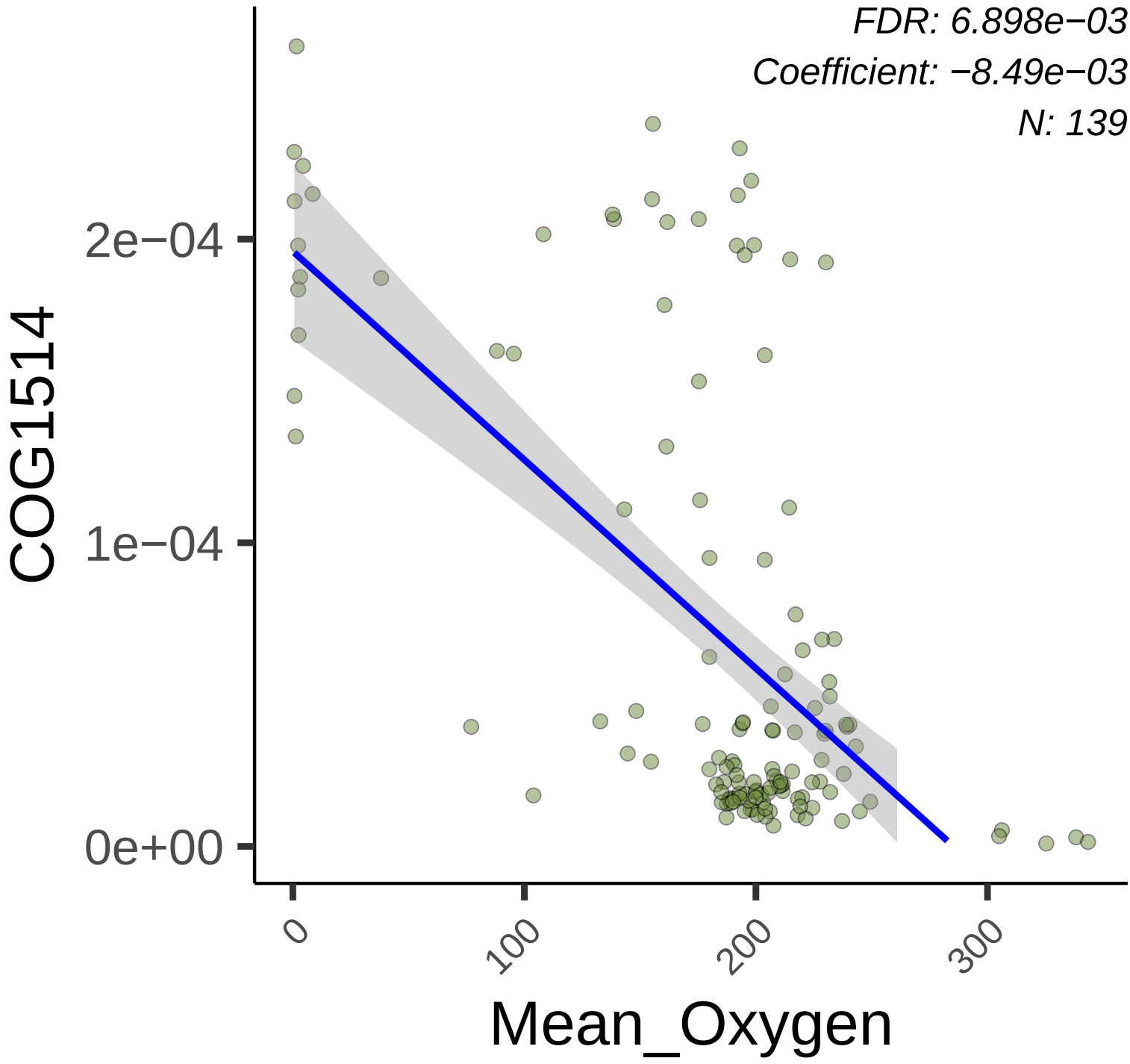
Mean_Oxygen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Coefficient: −8.49e−03
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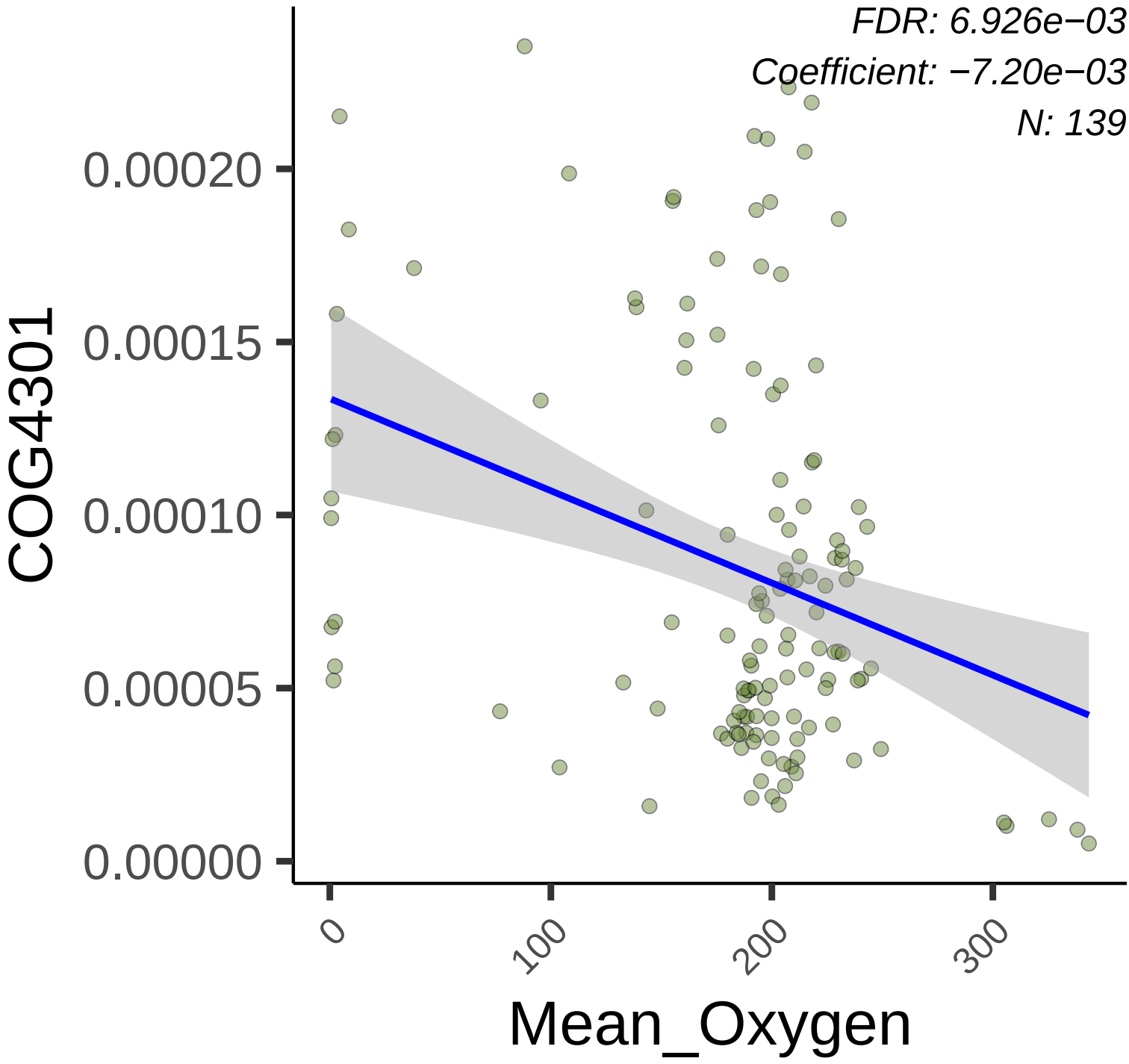
Mean_Oxygen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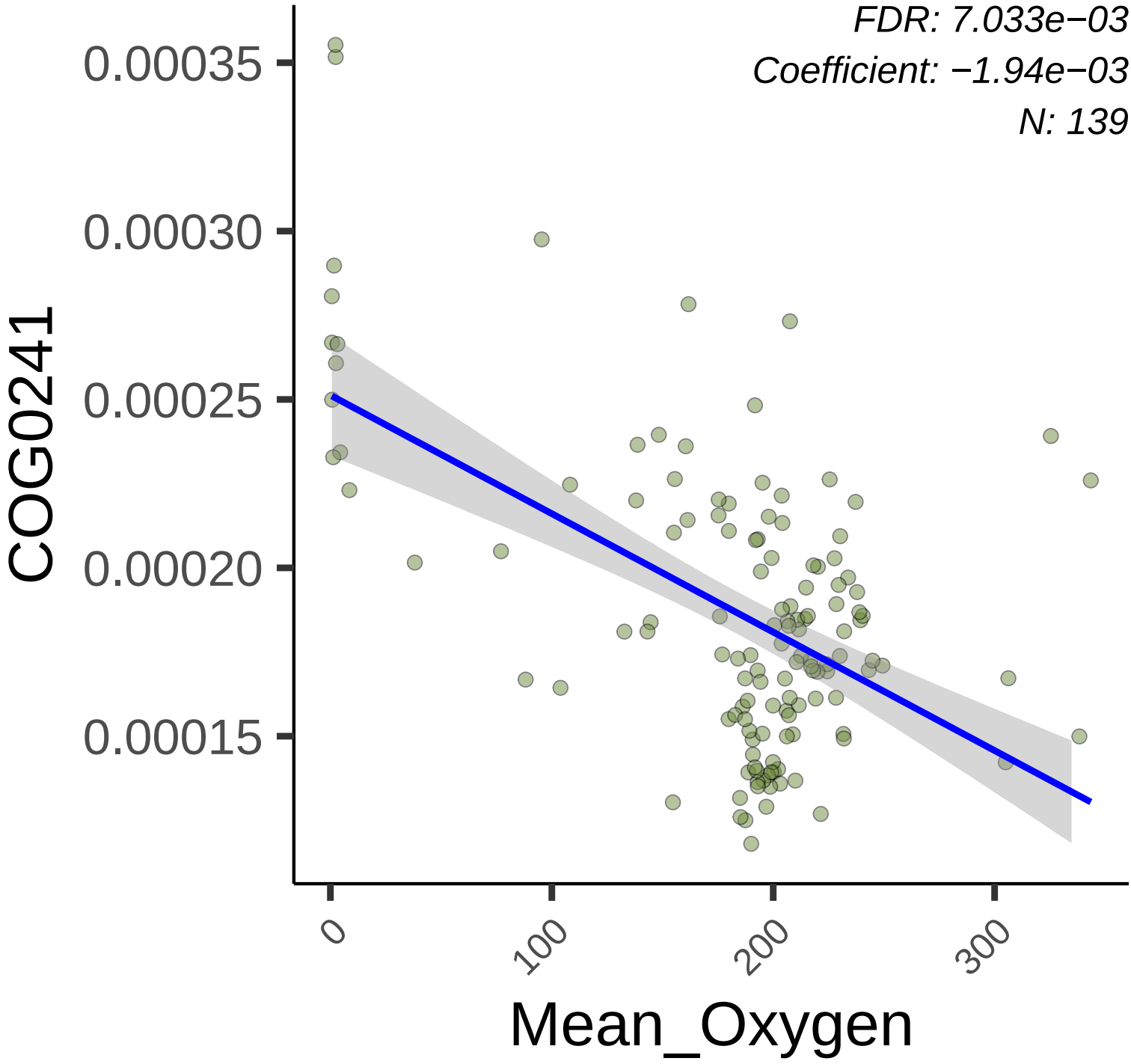
Mean_Oxygen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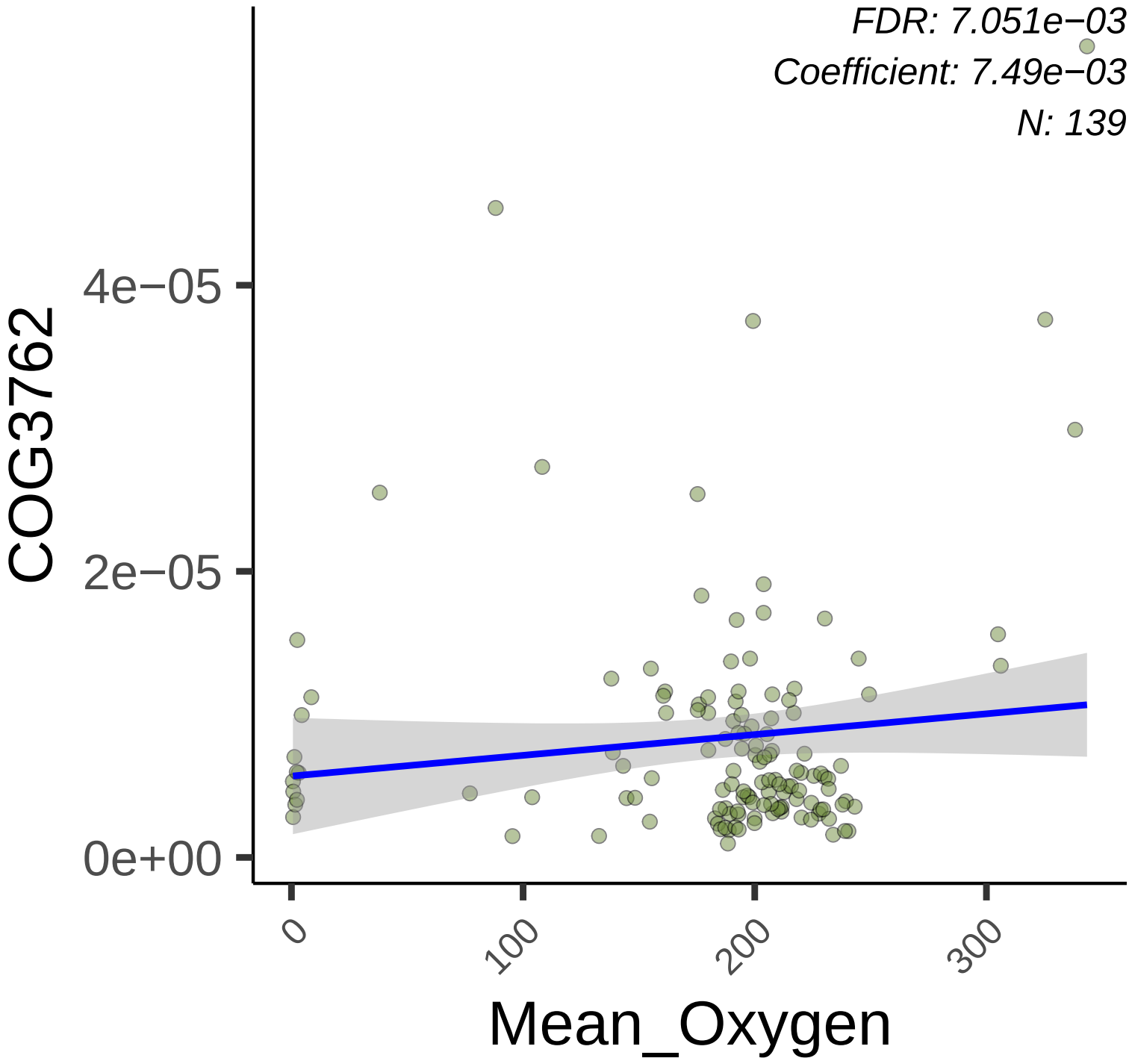
Mean_Oxygen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Coefficient: 7.49e−03
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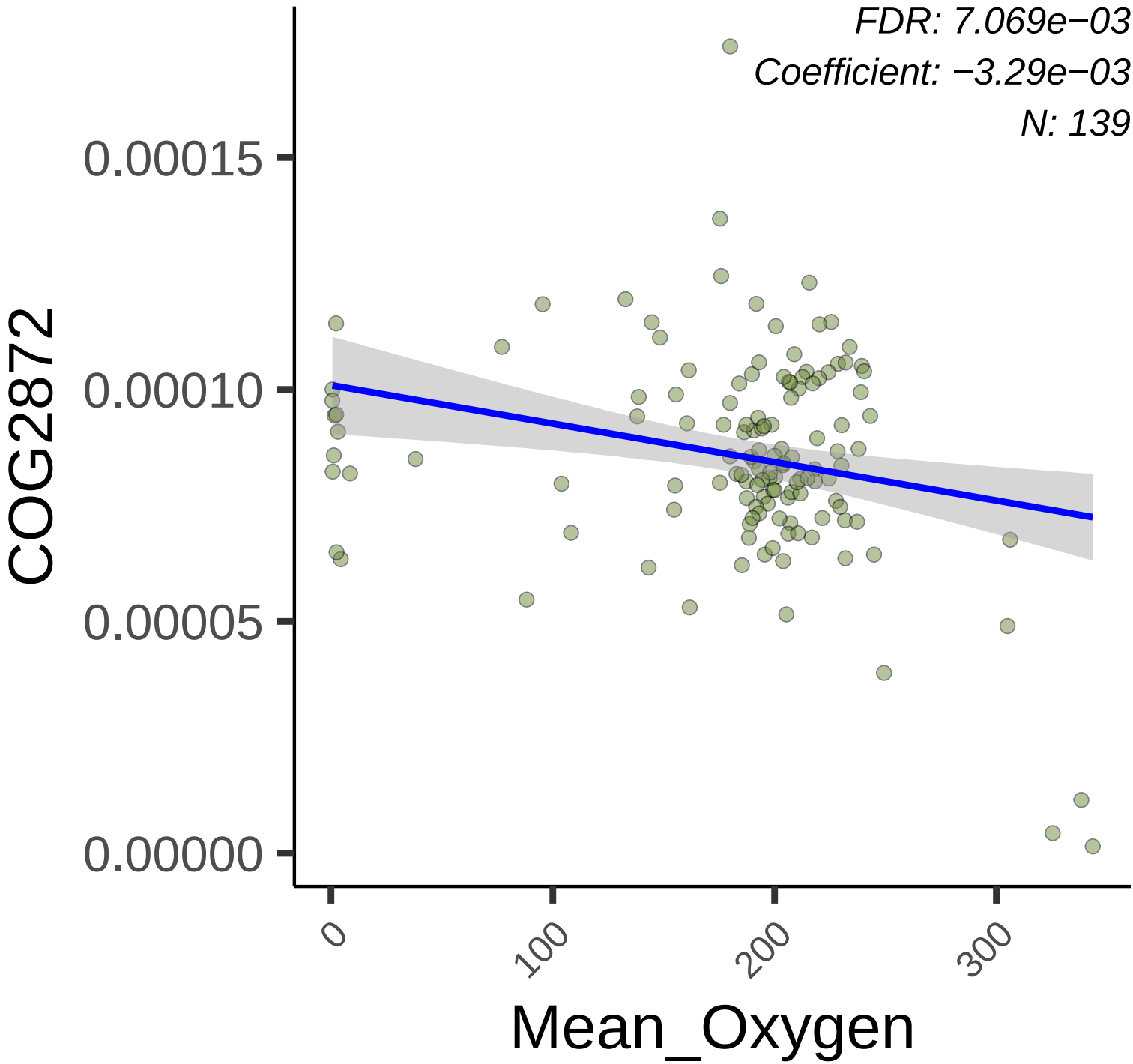
Mean_Oxygen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Coefficient: −3.29e−03
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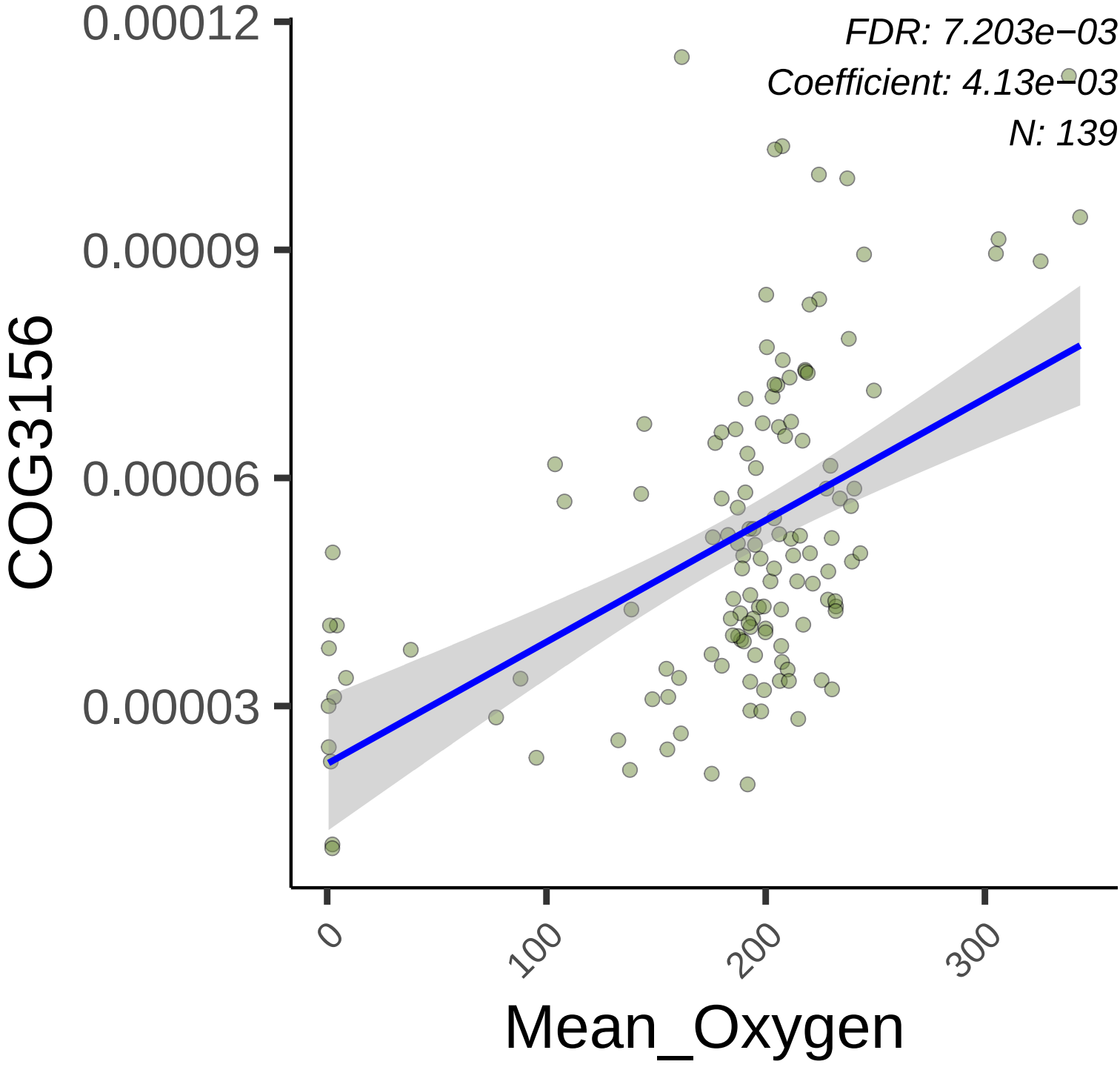
Mean_Oxygen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Coefficient: 4.13e−03
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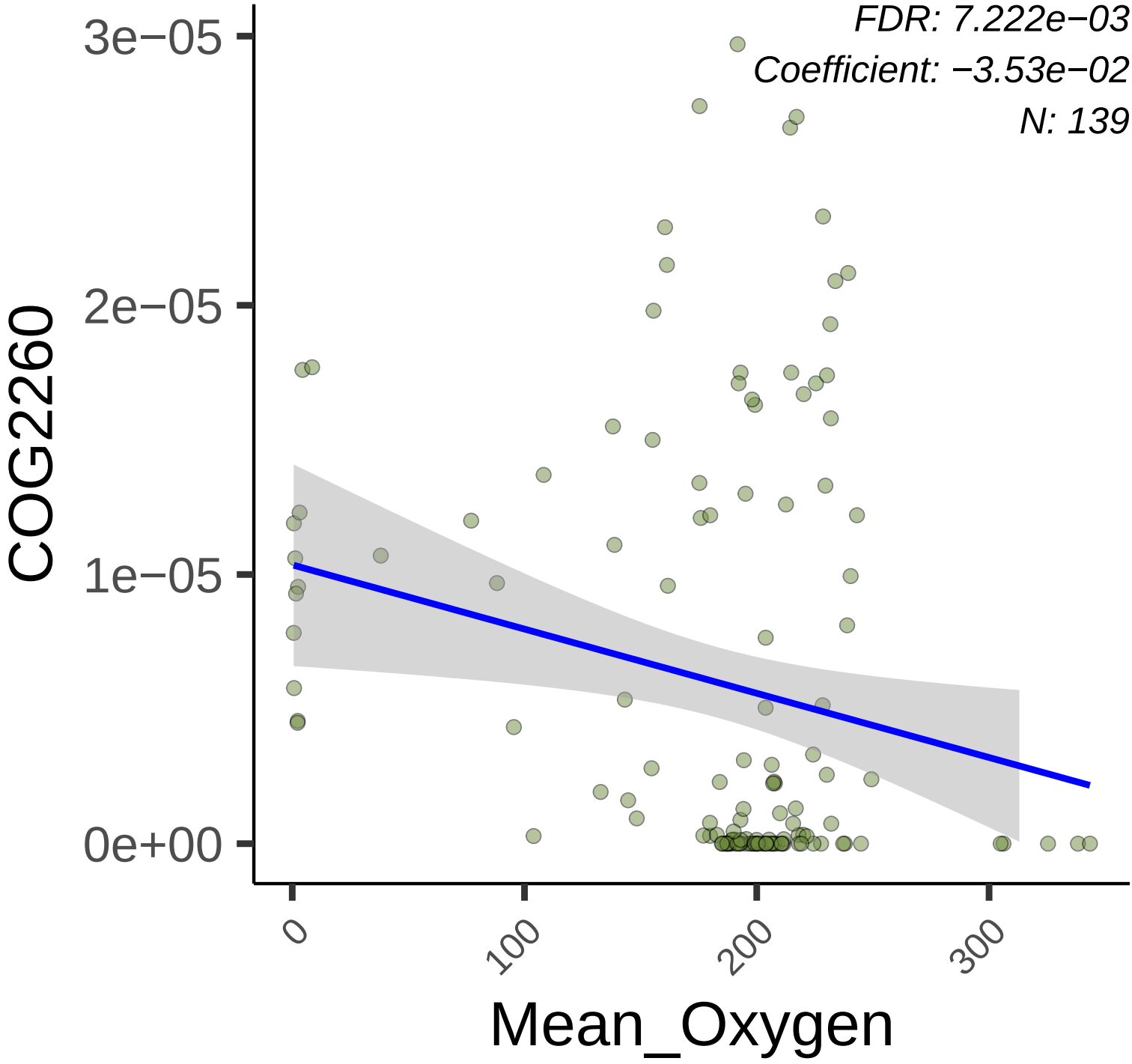
Mean_Oxygen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Coefficient: −3.53e−02
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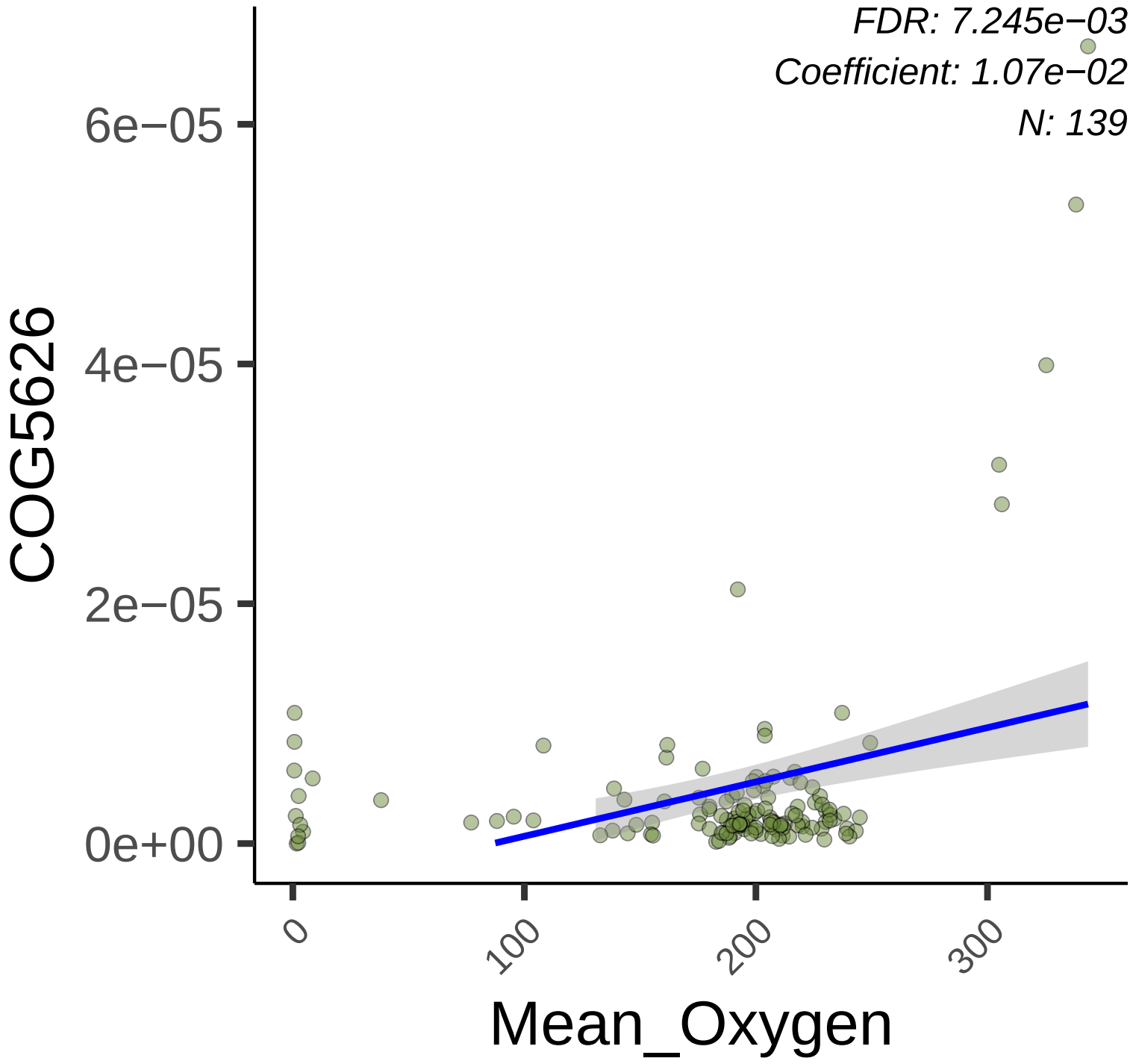
300
Mean_Oxygen


FDR: 7.245e−03
Coefficient: 1.07e−02
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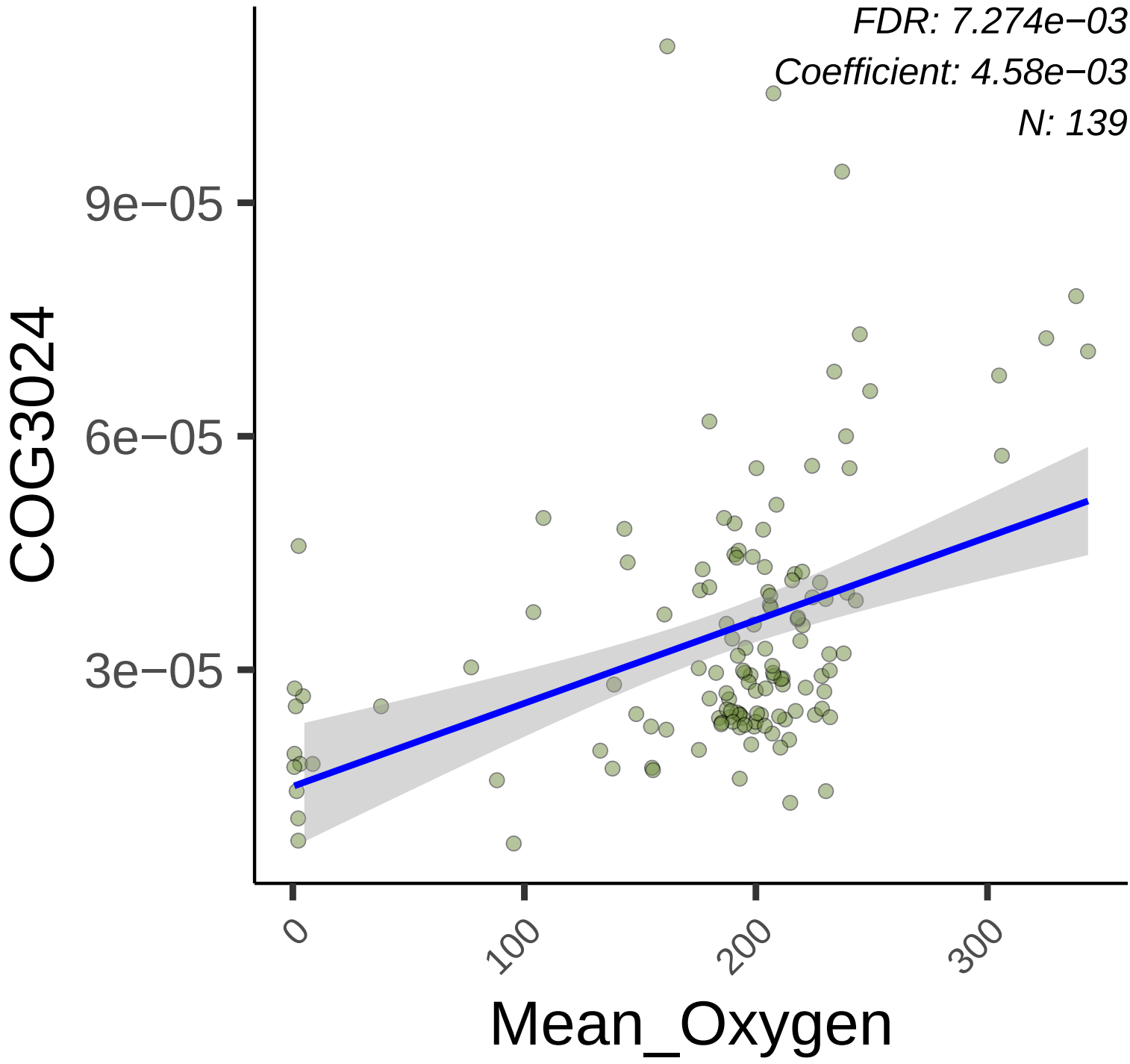
Mean_Oxygen


FDR: 7.274e−03
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N: 139
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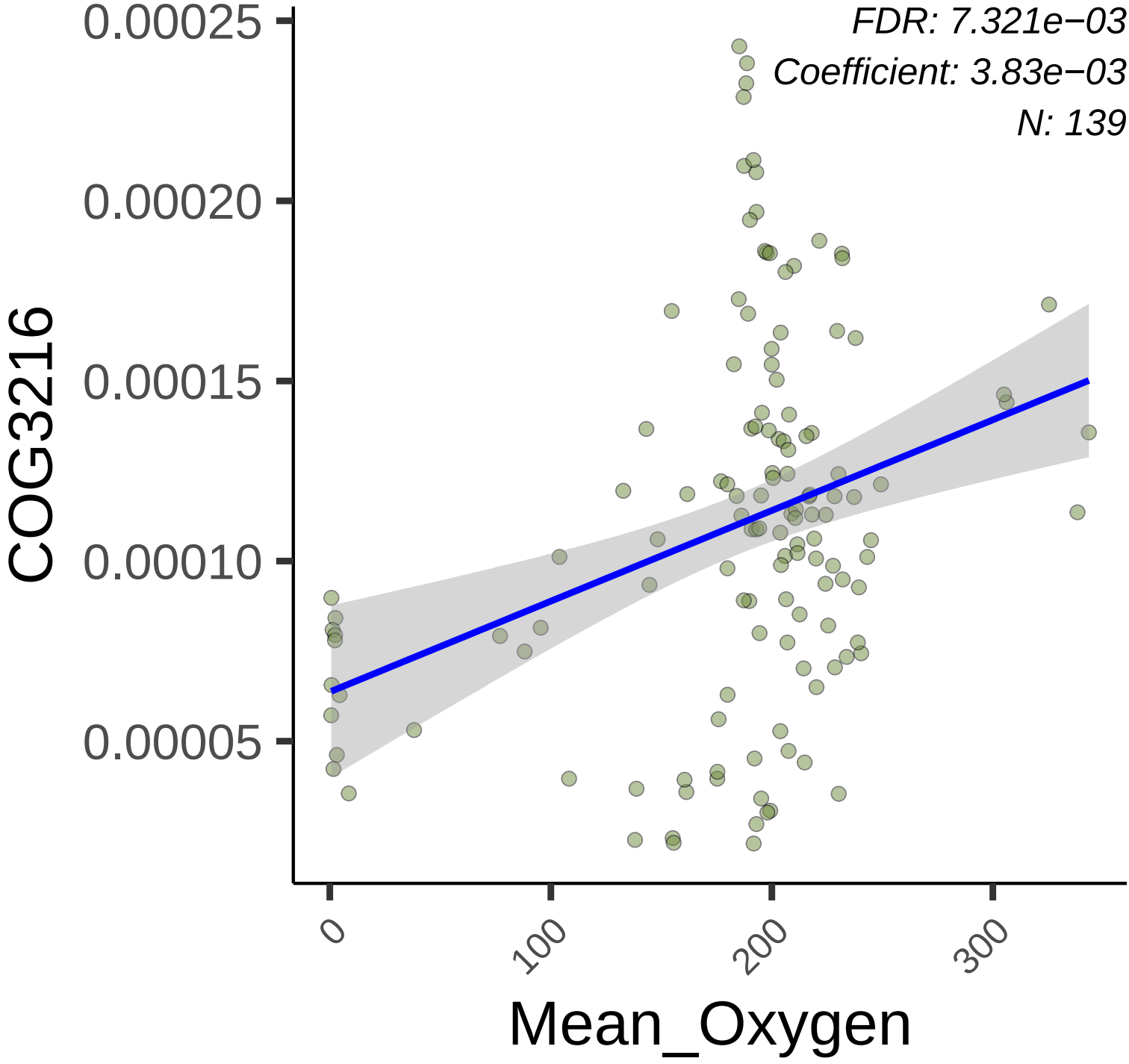
Mean_Oxygen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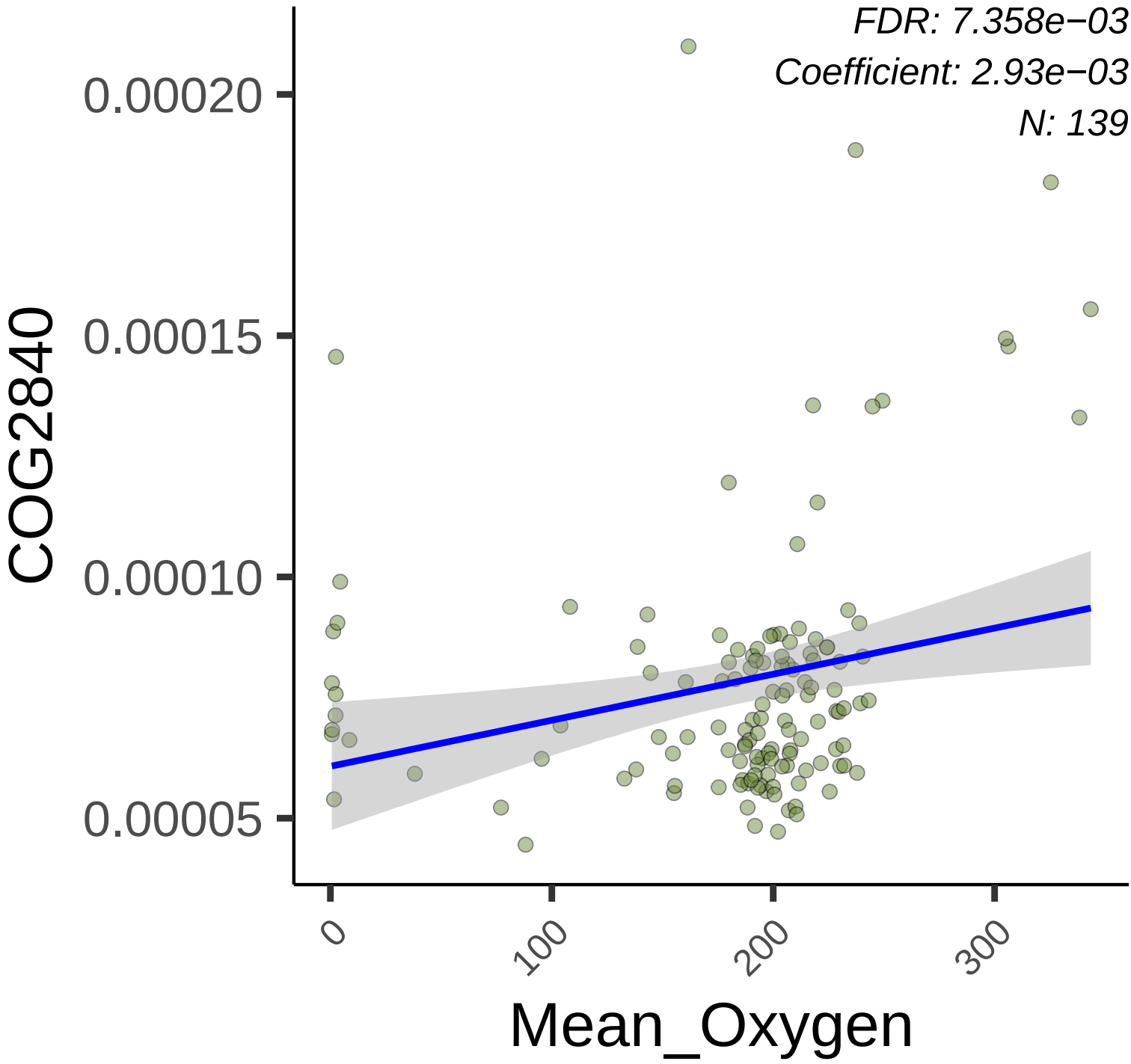
Mean_Oxygen


FDR: 7.358e−03
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N: 139
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COG2840
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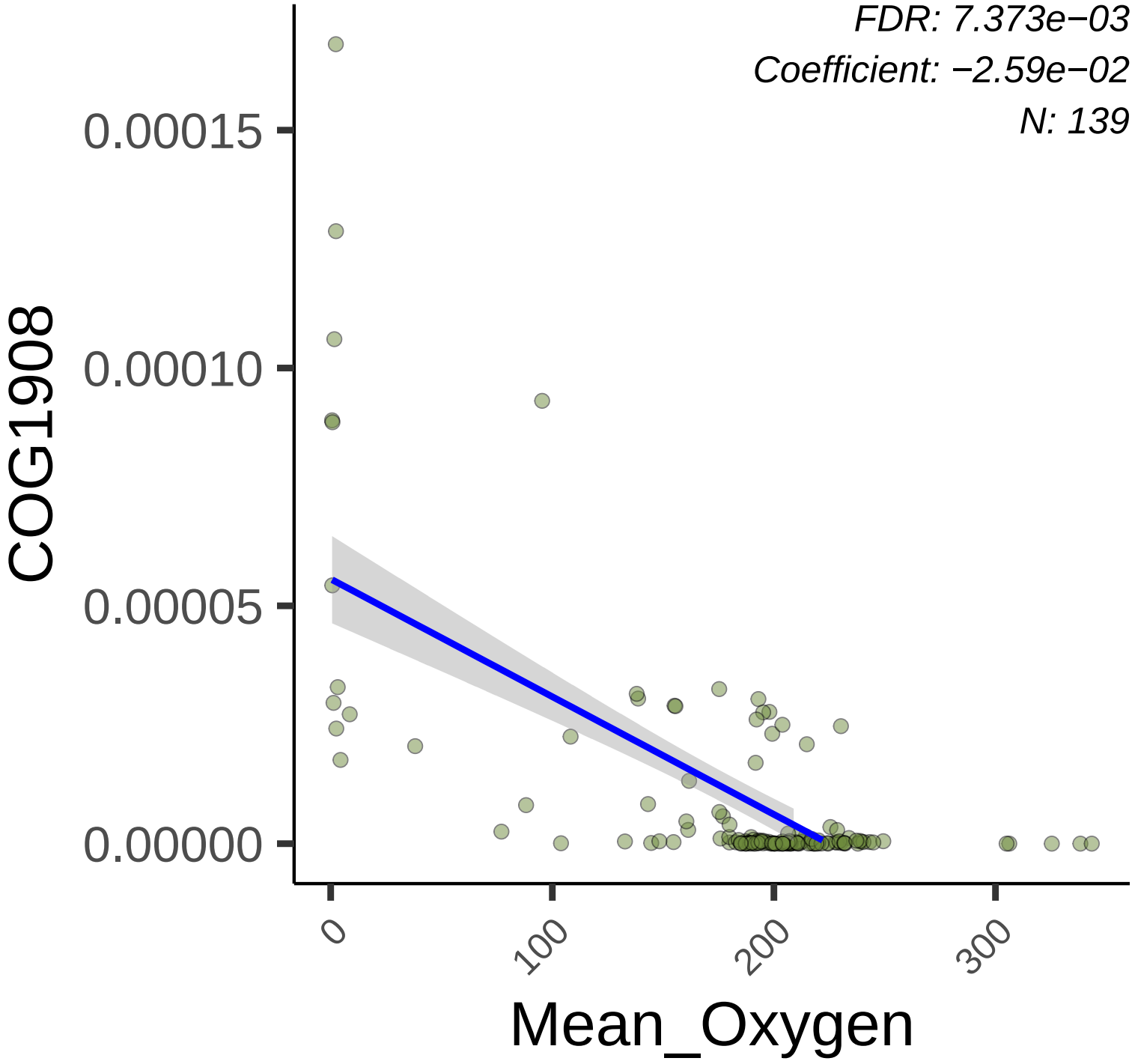
200
300
Mean_Oxygen


FDR: 7.373e−03
Coefficient: −2.59e−02
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COG1908
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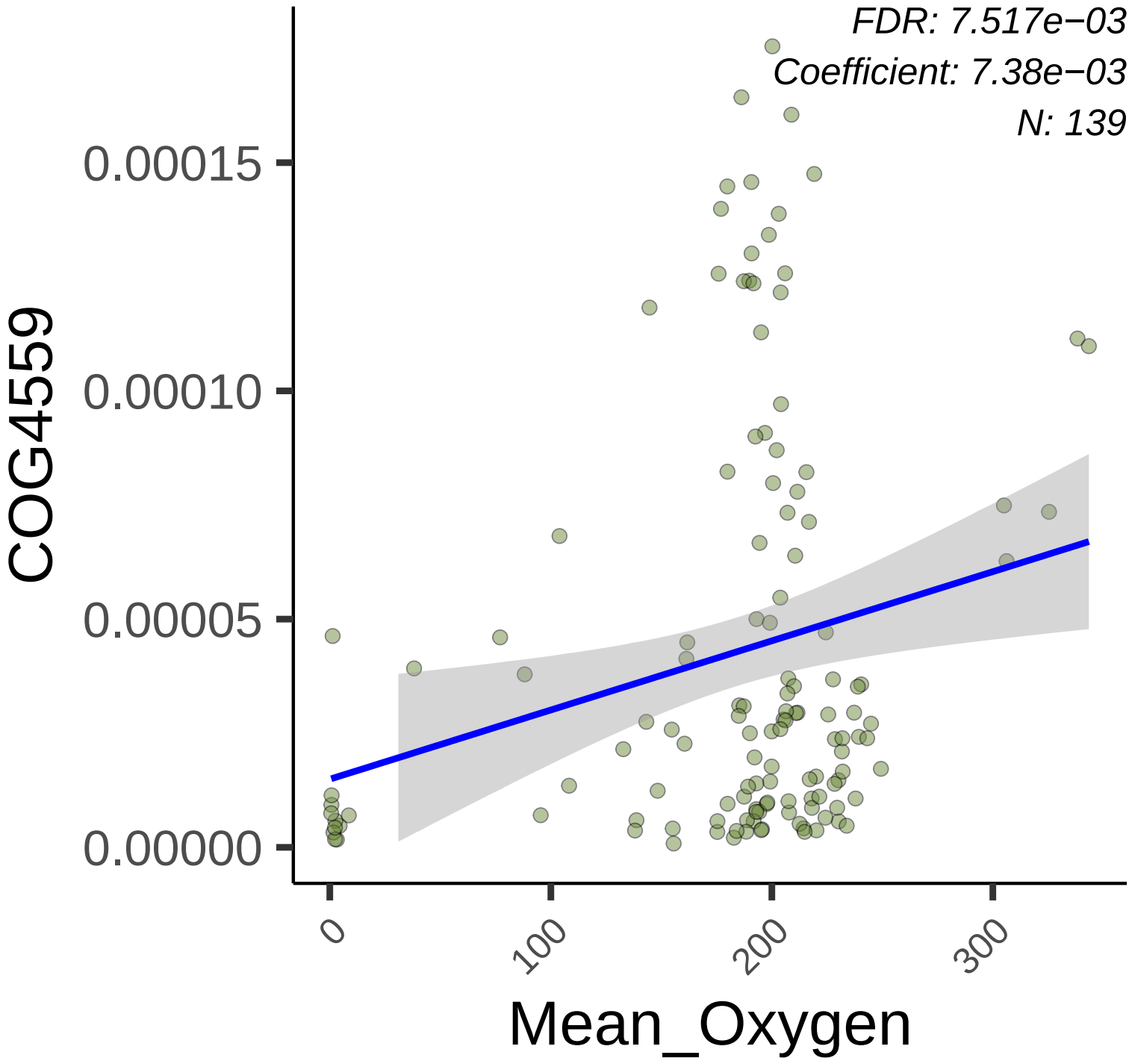
Mean_Oxygen


FDR: 7.517e−03
Coefficient: 7.38e−03
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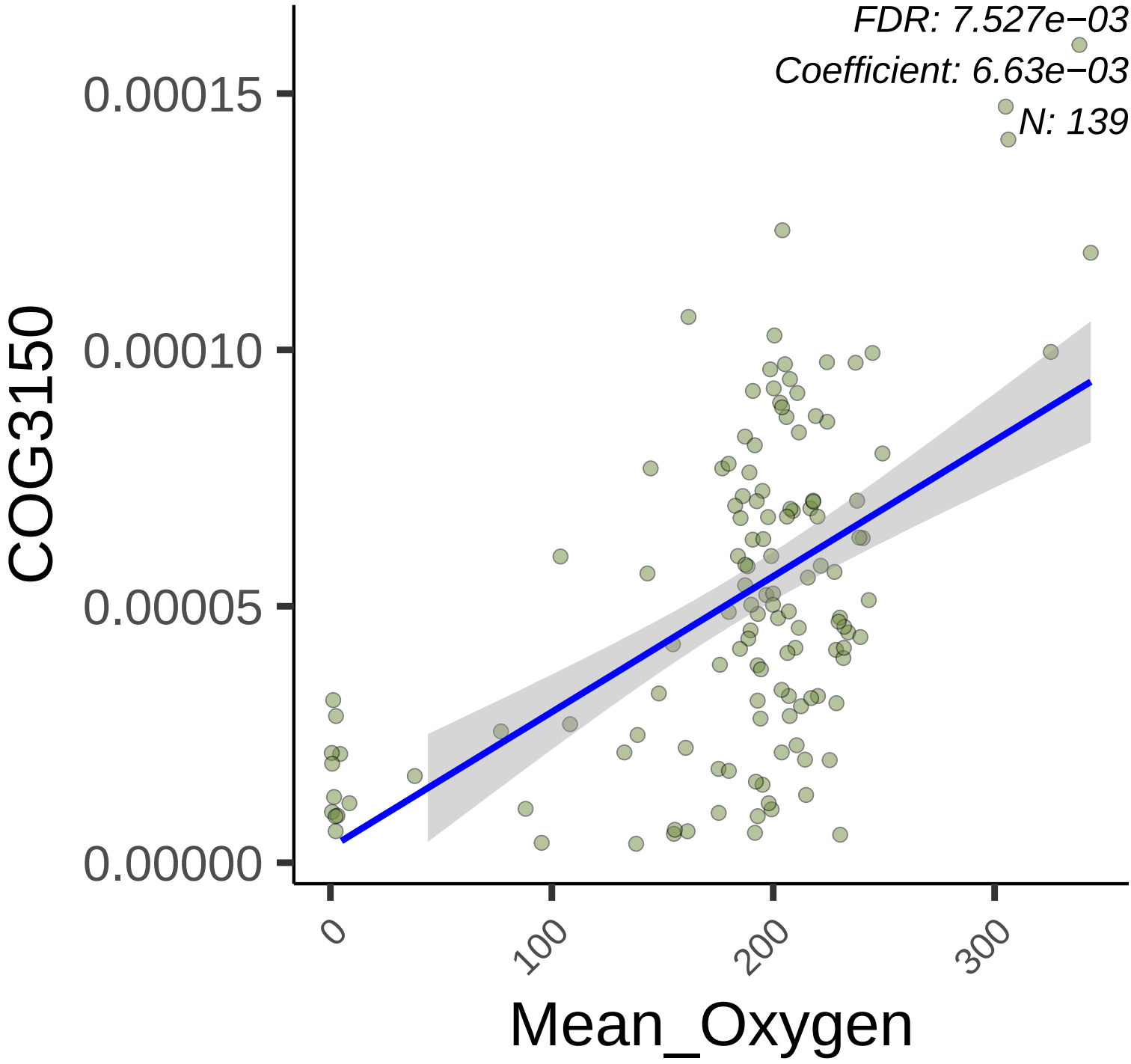
Mean_Oxygen


FDR: 7.527e−03
Coefficient: 6.63e−03
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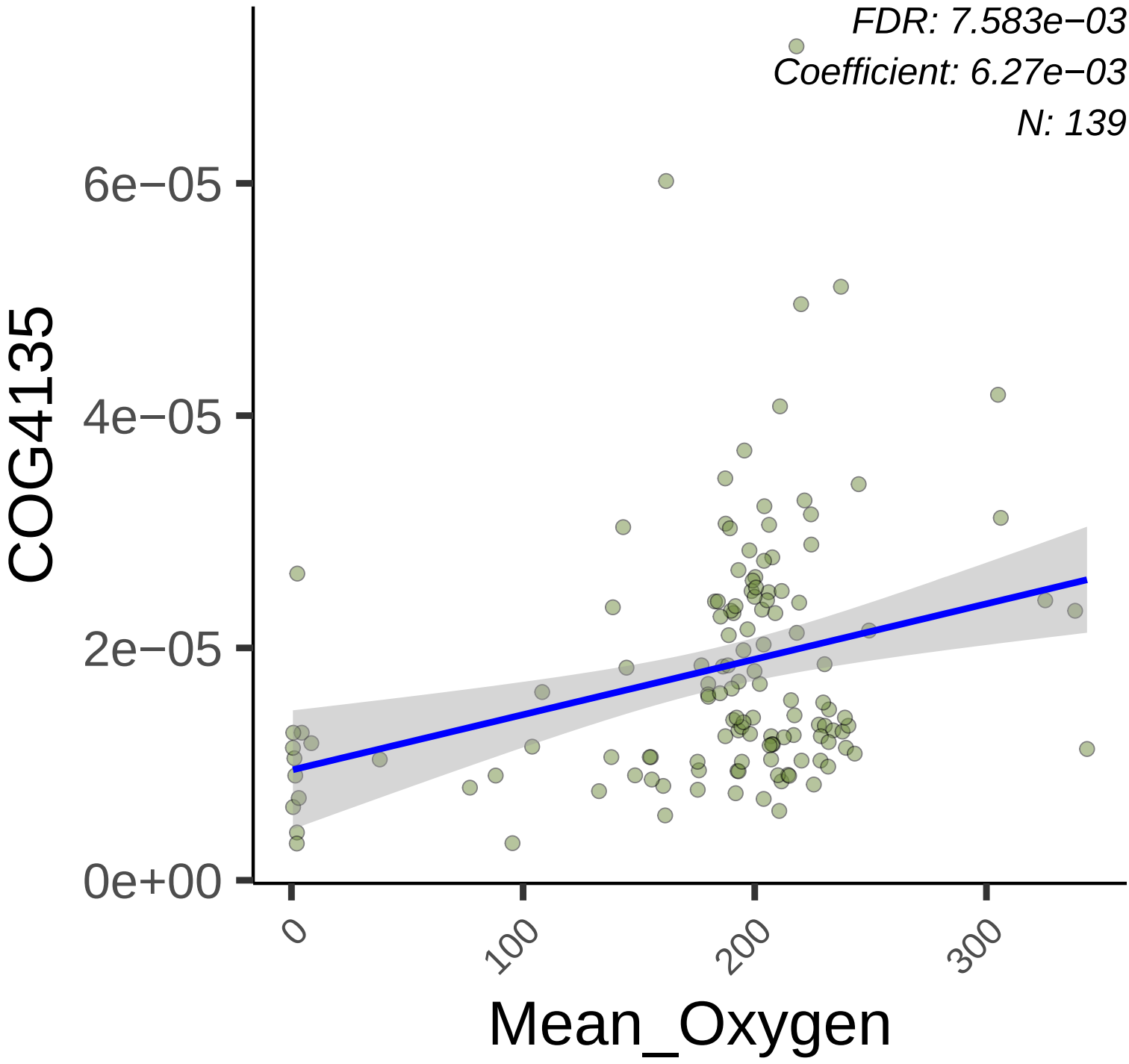
Mean_Oxygen


FDR: 7.583e−03
Coefficient: 6.27e−03
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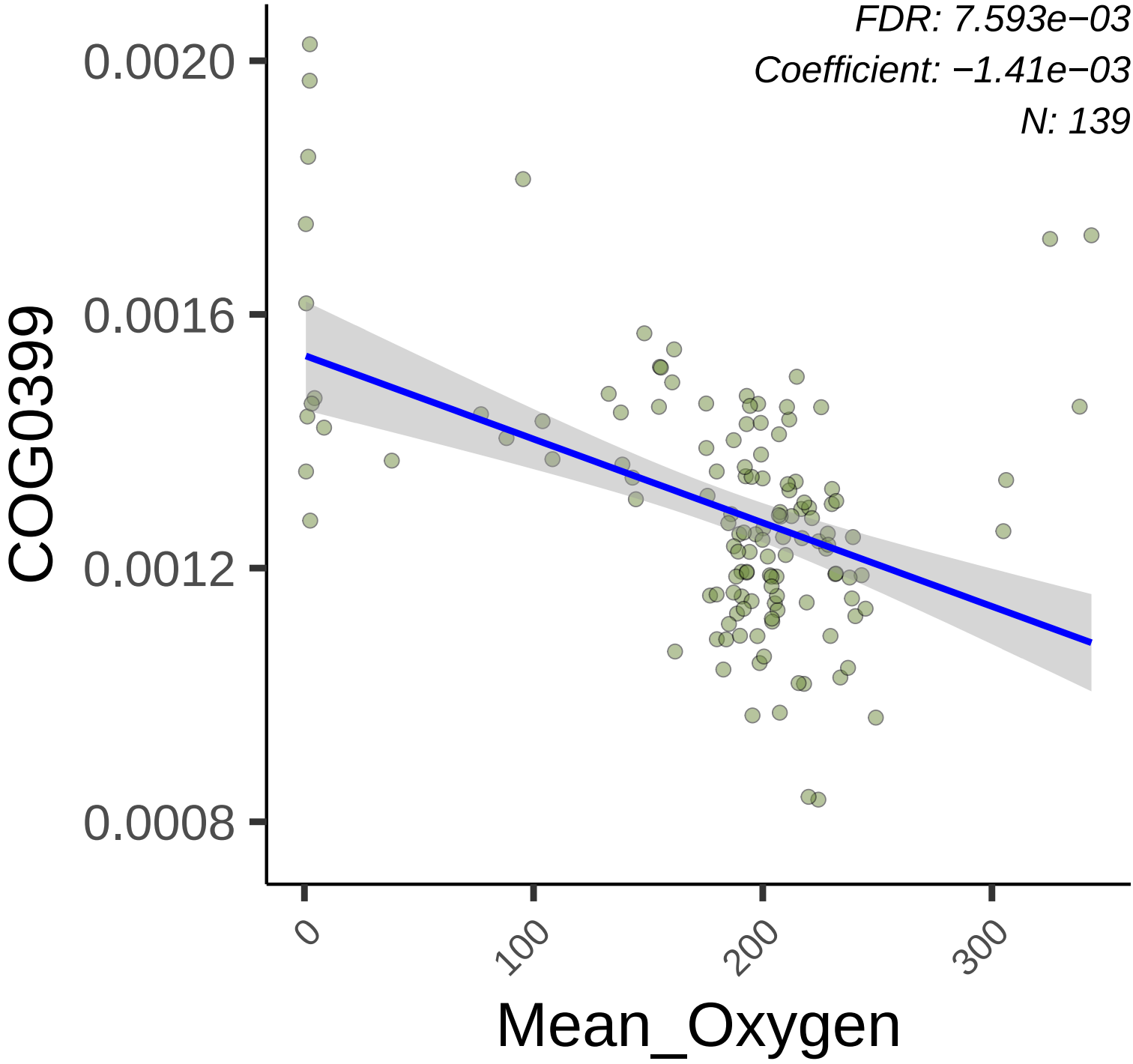
Mean_Oxygen


FDR: 7.593e−03
Coefficient: −1.41e−03
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COG0399
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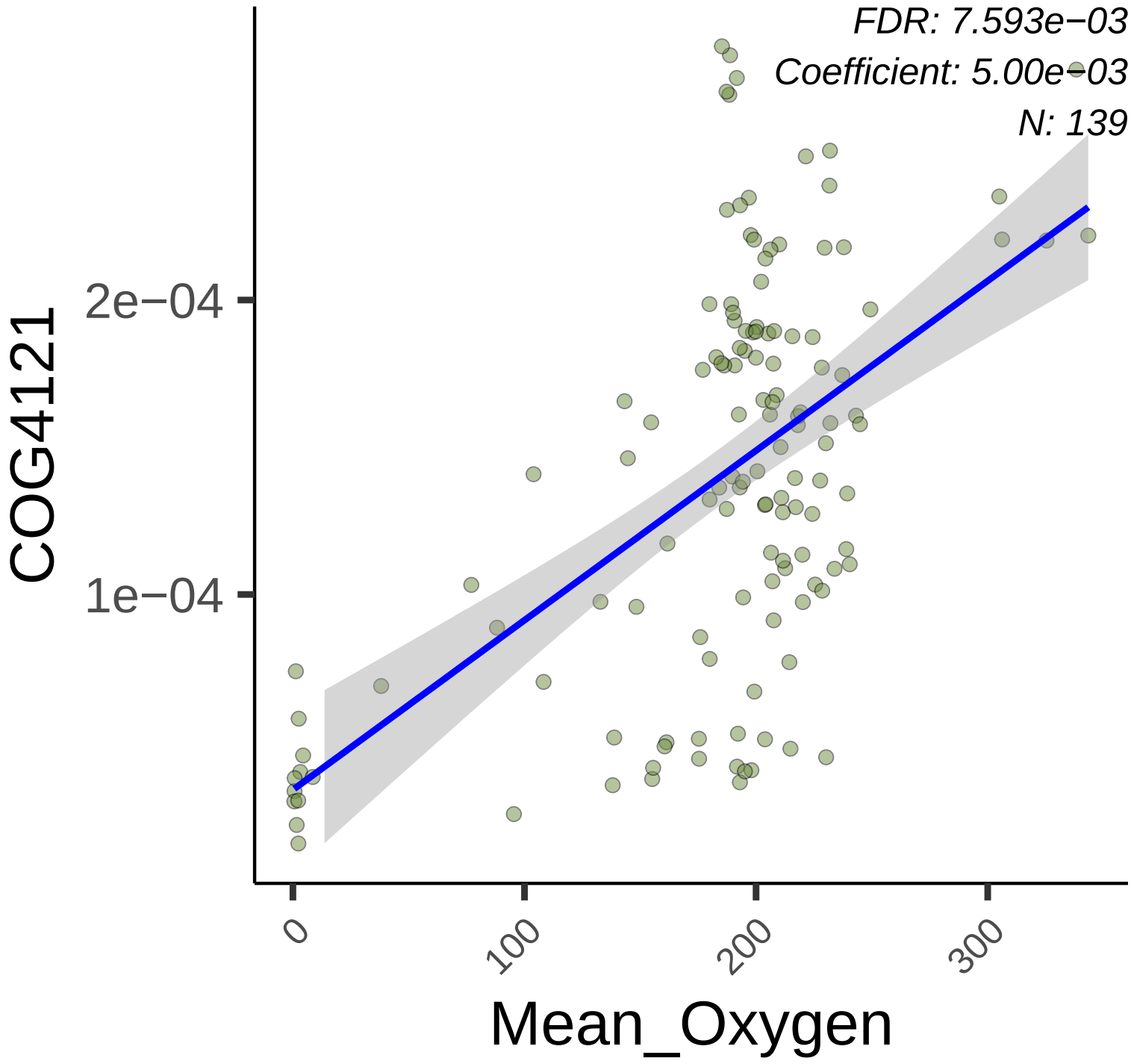
Mean_Oxygen


FDR: 7.593e−03
Coefficient: 5.00e−03
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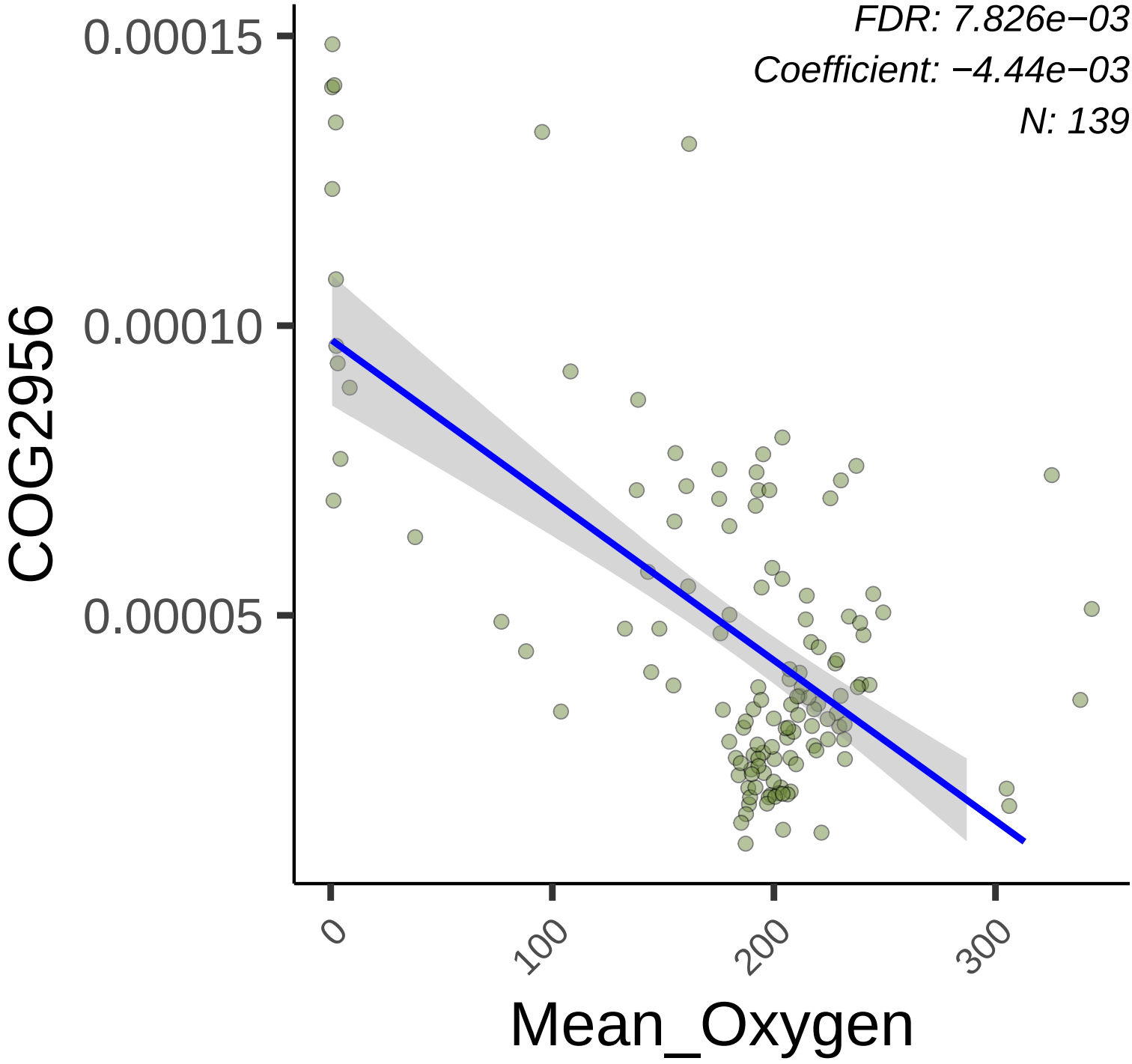
Mean_Oxygen


FDR: 7.826e−03
Coefficient: −4.44e−03
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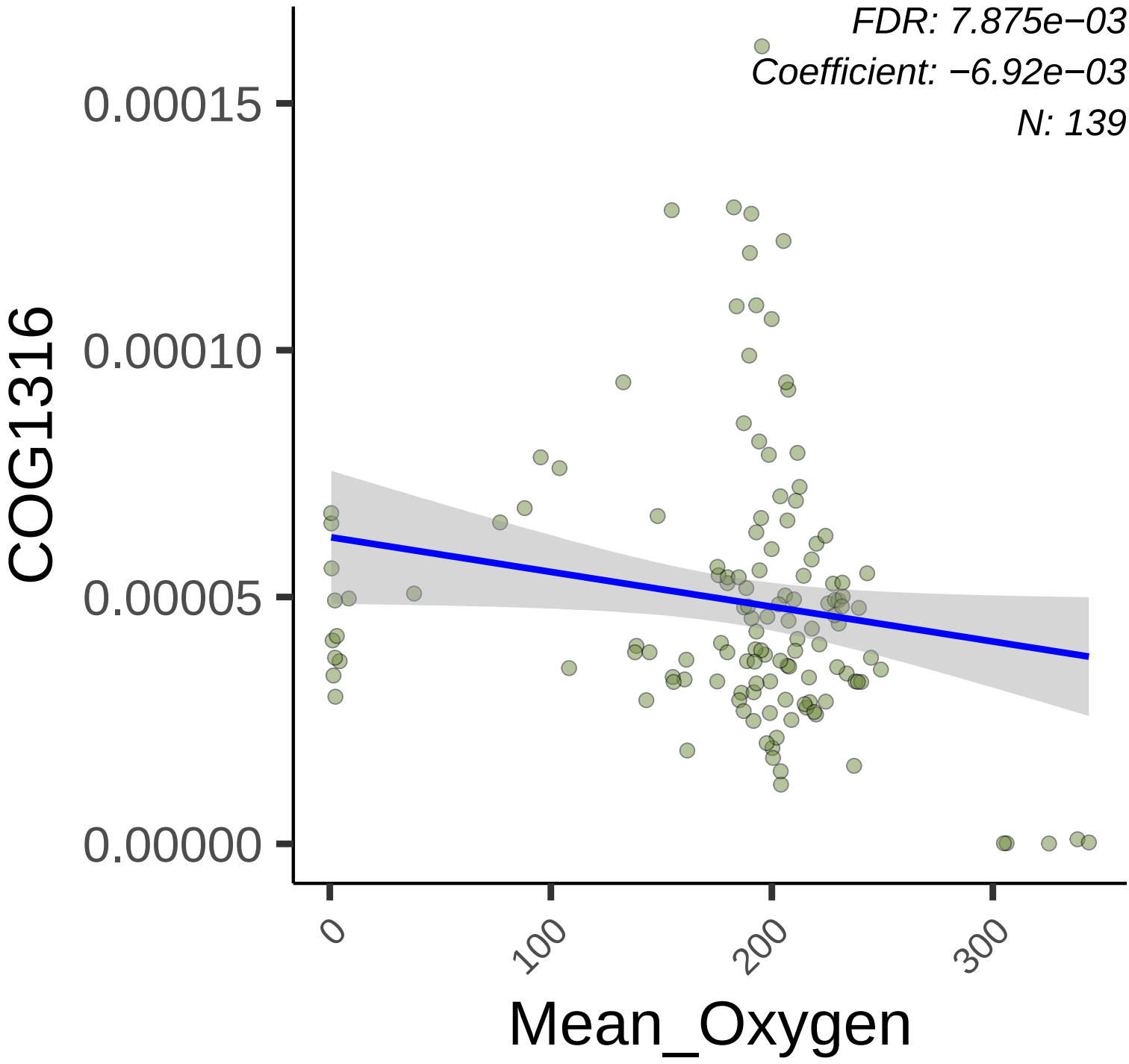
FDR: 7.875e−03
Coefficient: −6.92e−03
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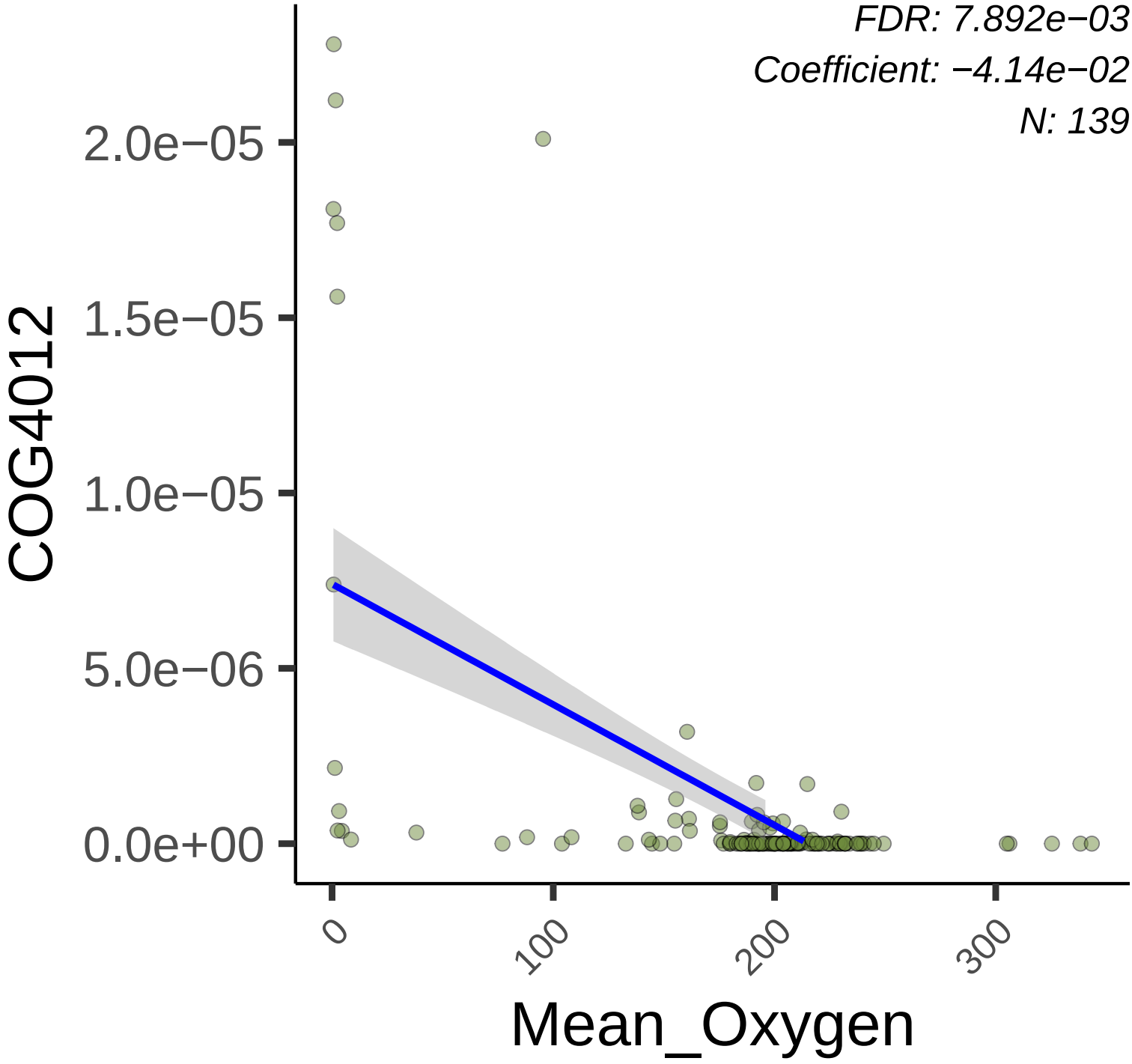
Mean_Oxygen


FDR: 7.892e−03
Coefficient: −4.14e−02
N: 139
COG4012
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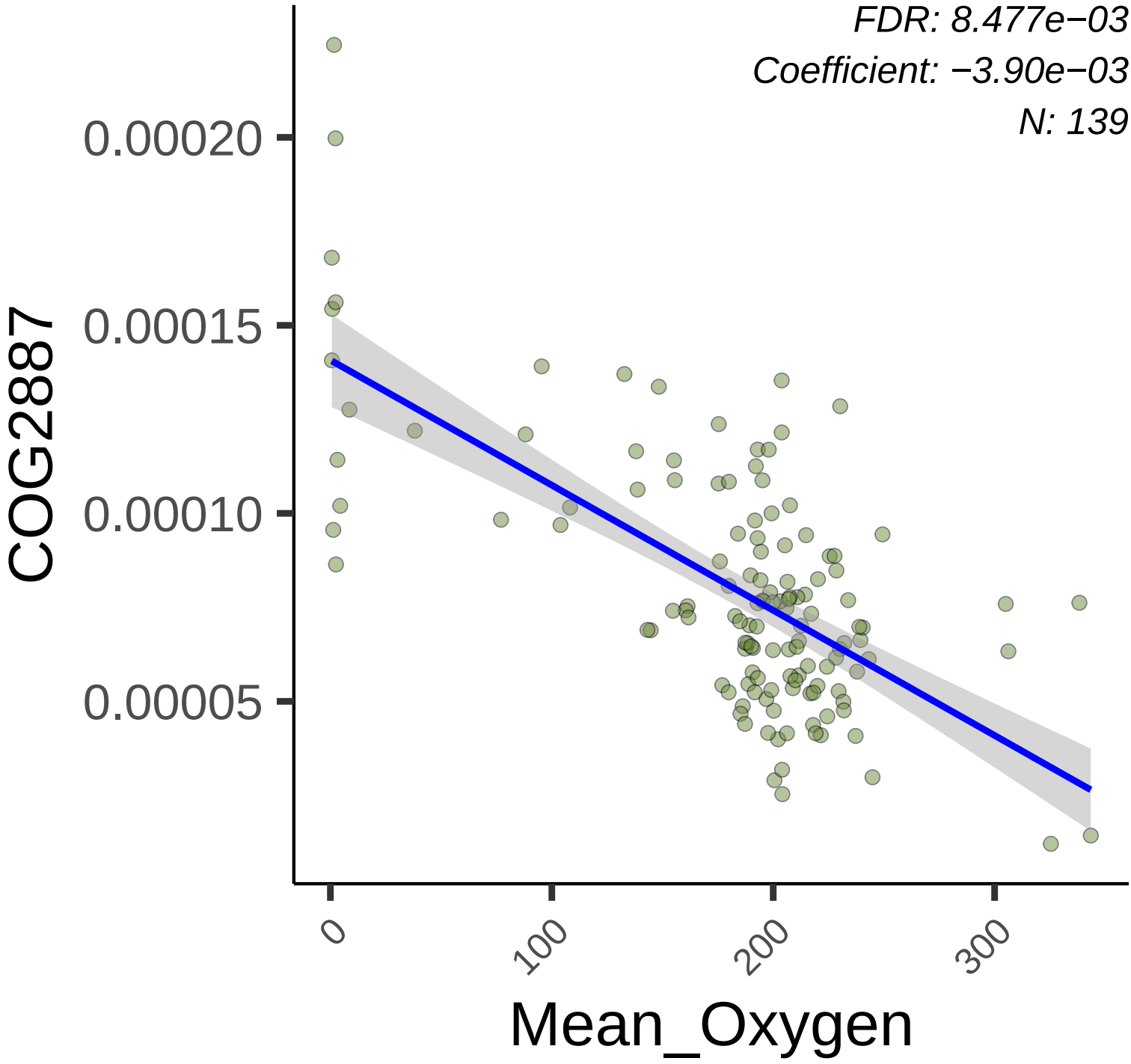
Mean_Oxygen


FDR: 8.477e−03
Coefficient: −3.90e−03
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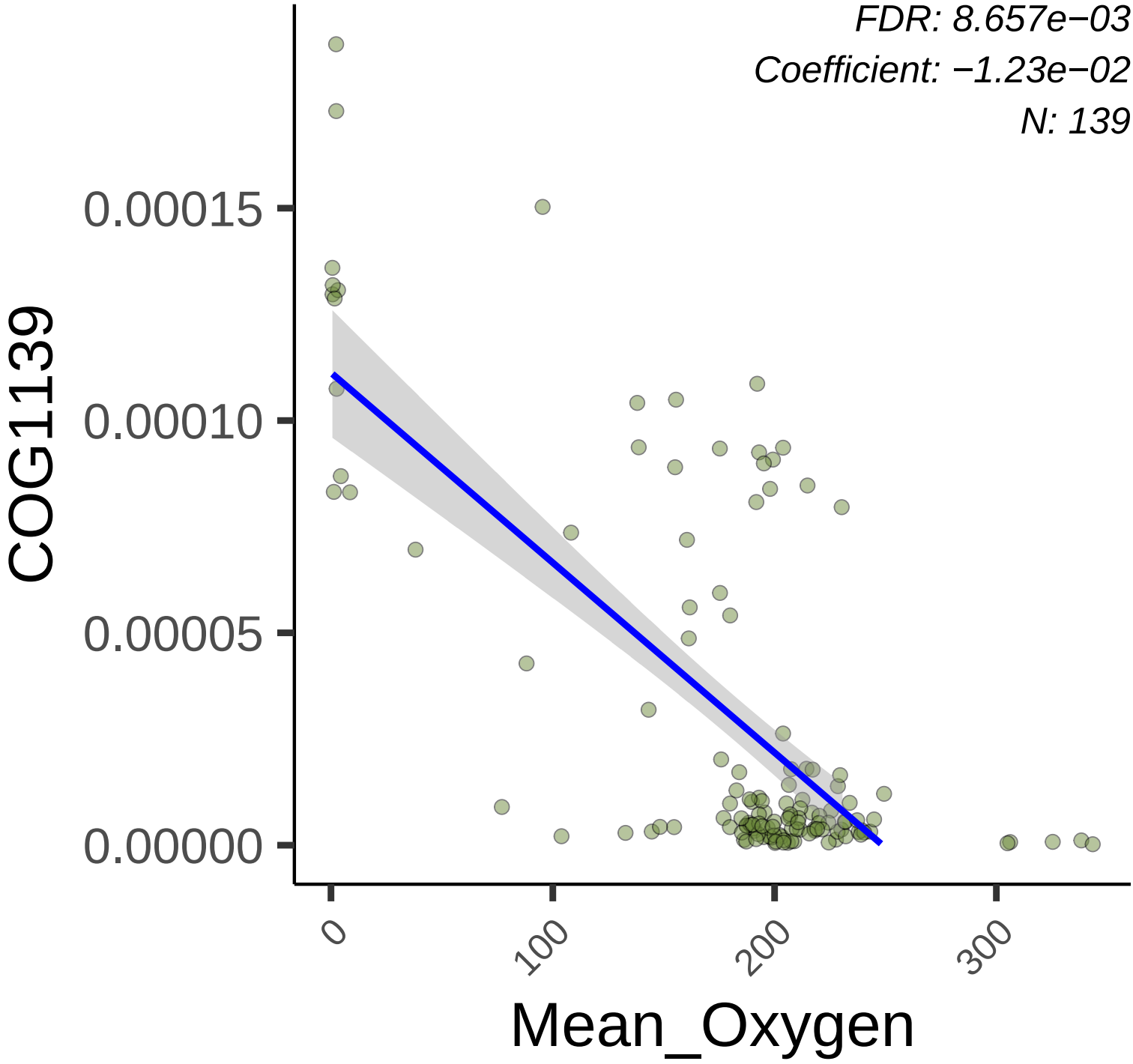
Mean_Oxygen


FDR: 8.657e−03
Coefficient: −1.23e−02
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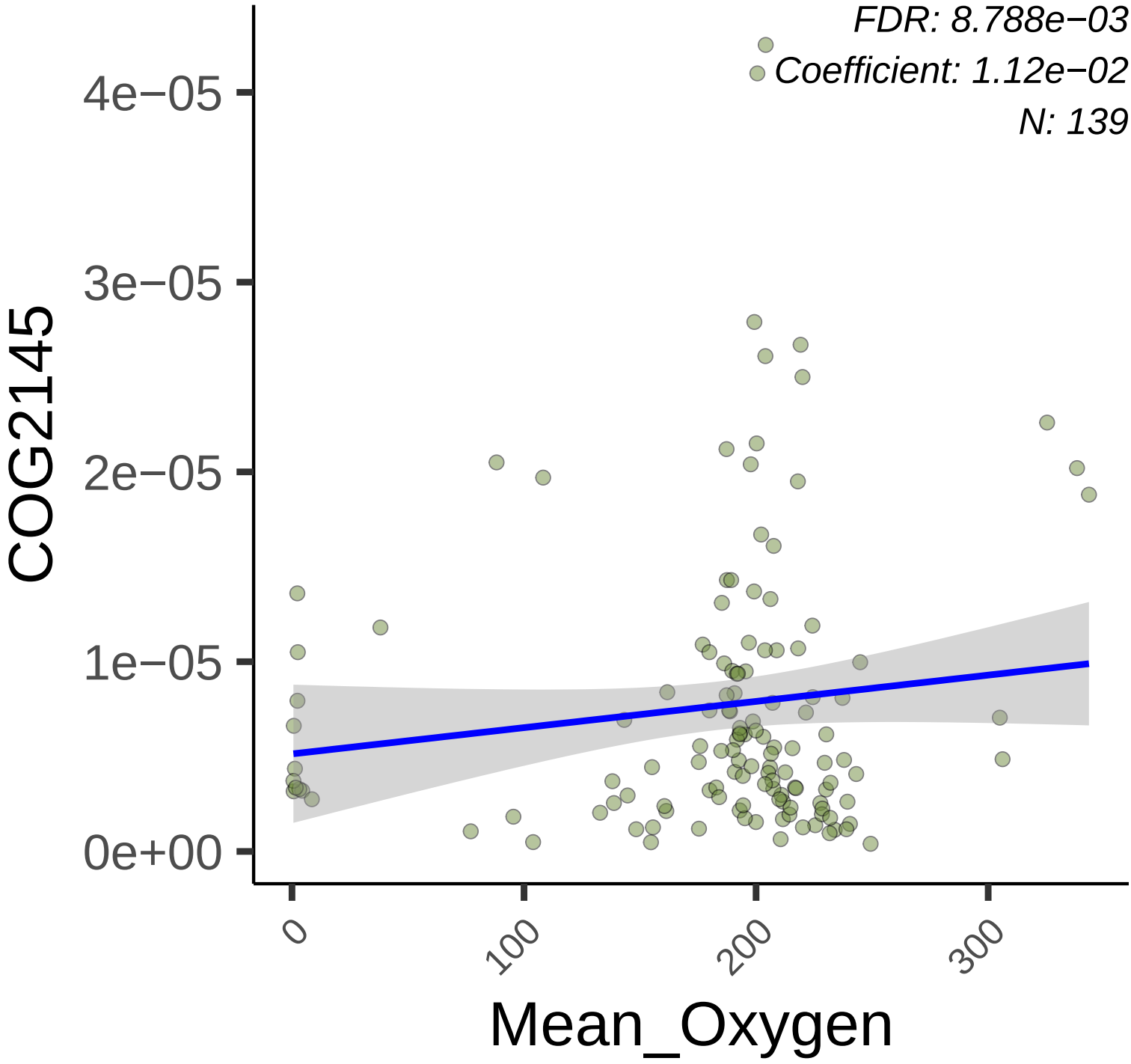
Mean_Oxygen


FDR: 8.788e−03
Coefficient: 1.12e−02
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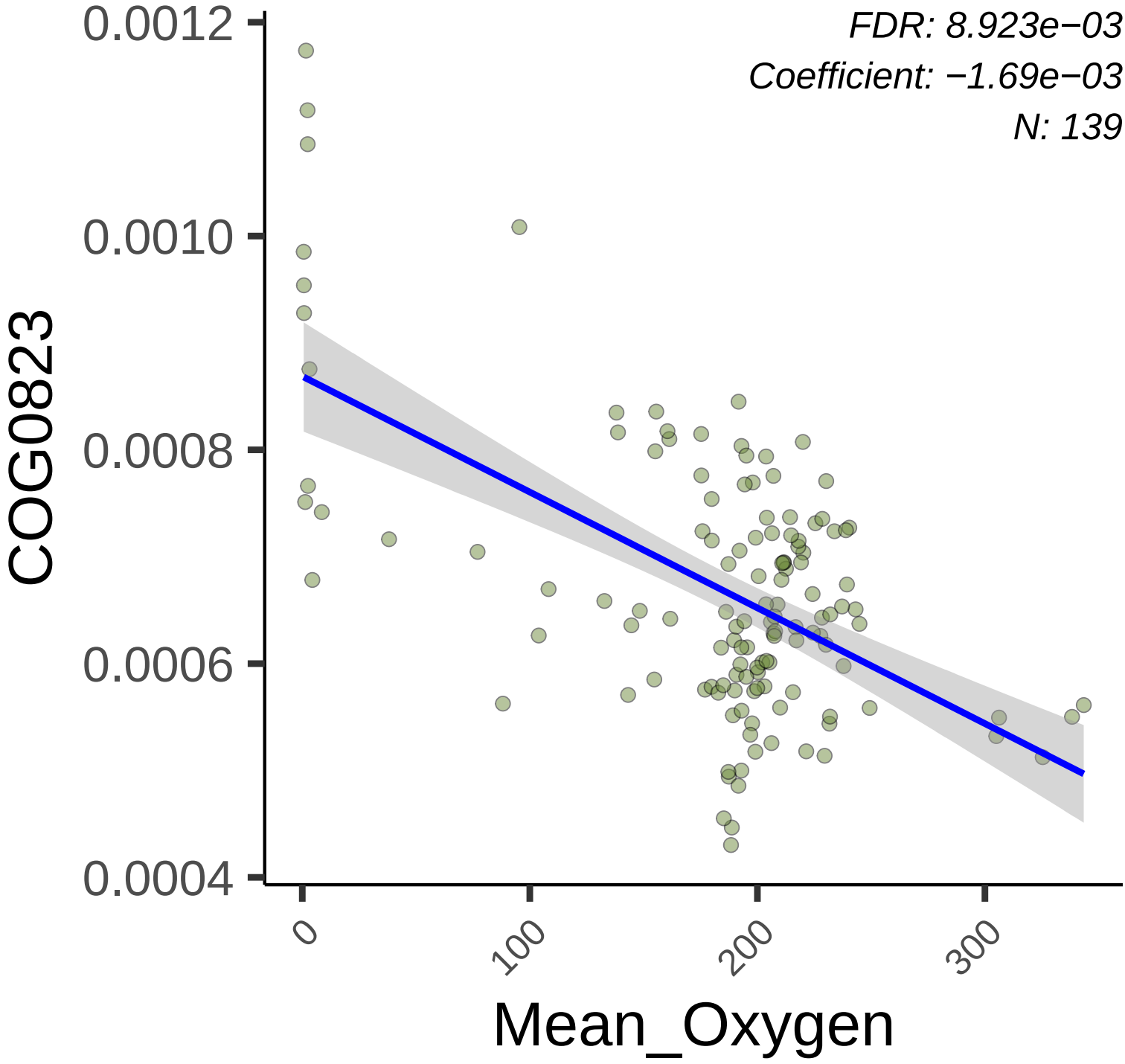
Mean_Oxygen


FDR: 8.923e−03
Coefficient: −1.69e−03
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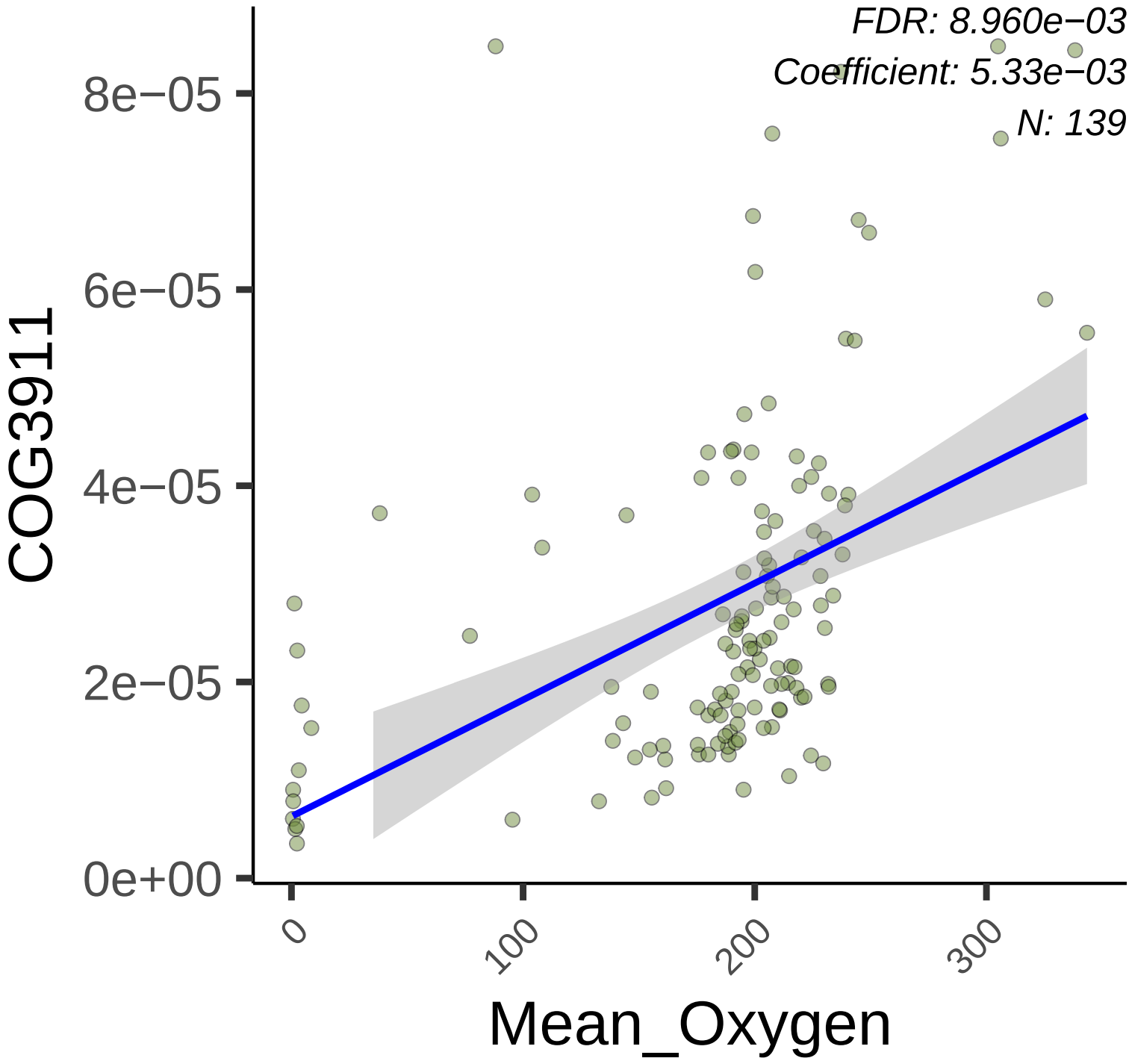
Mean_Oxygen


FDR: 8.960e−03
Coefficient: 5.33e−03
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4e−05
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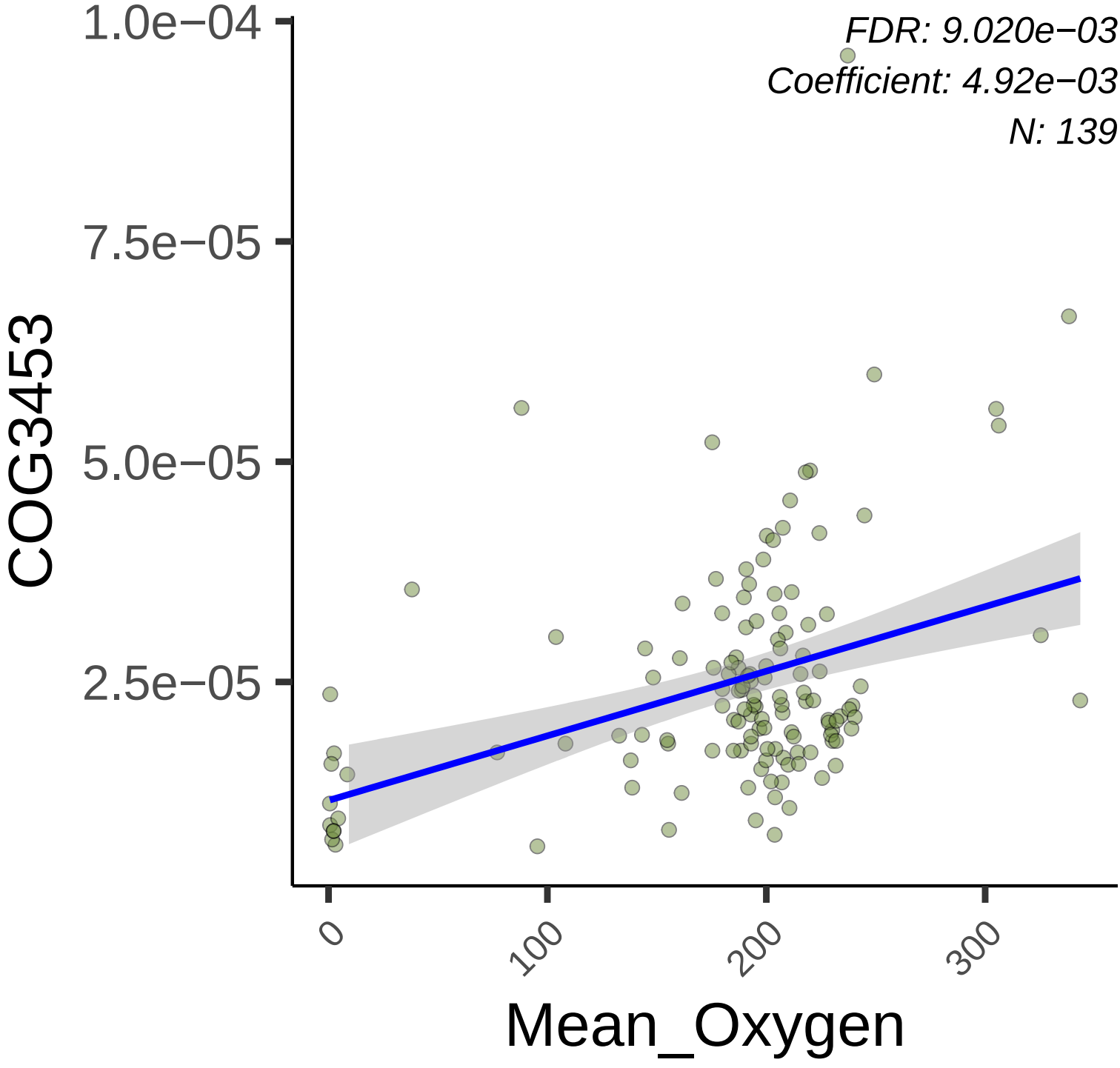
Mean_Oxygen


FDR: 9.020e−03
Coefficient: 4.92e−03
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COG3453
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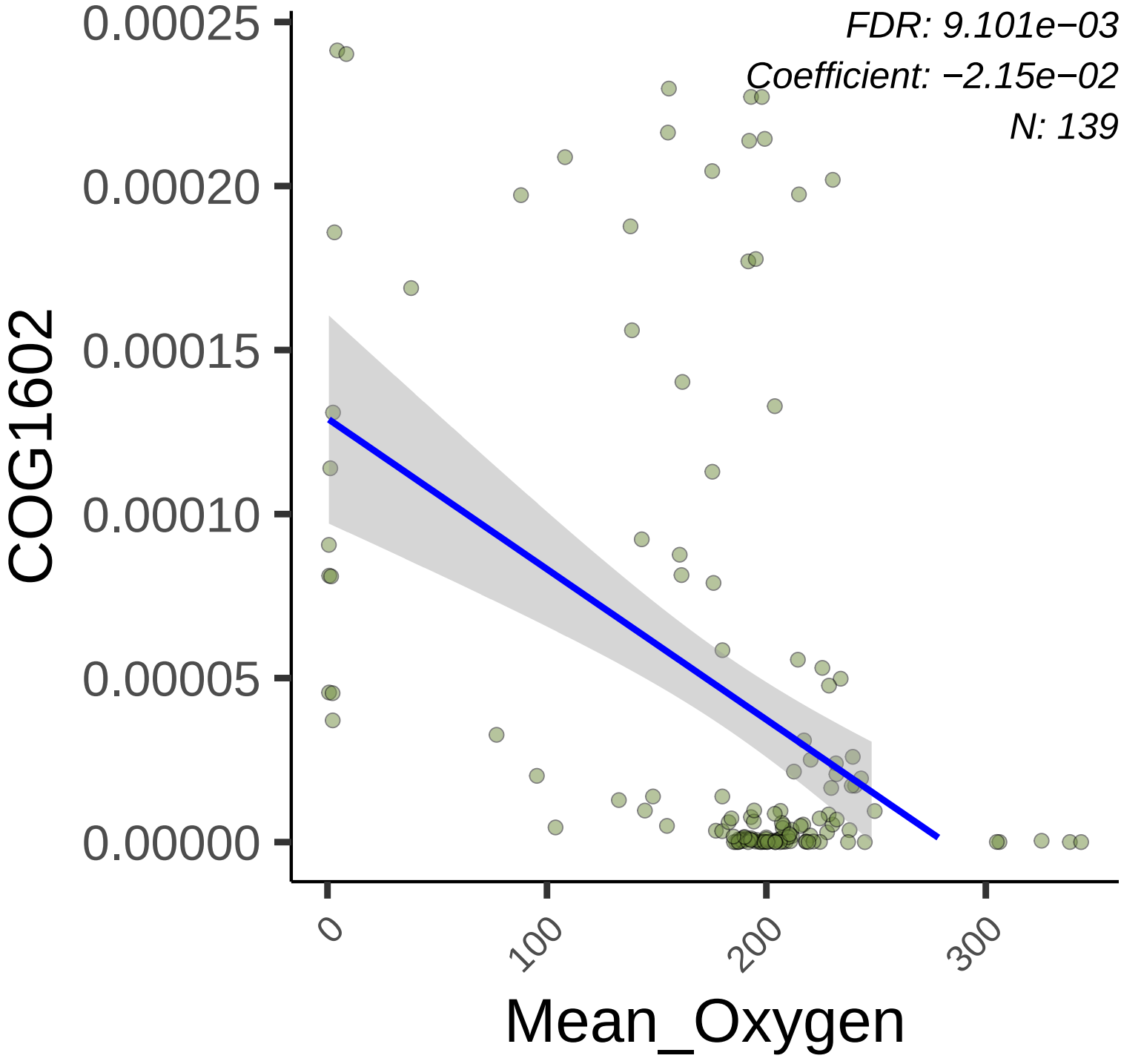
200
300
Mean_Oxygen


FDR: 9.101e−03
Coefficient: −2.15e−02
N: 139
COG1602
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0.00000
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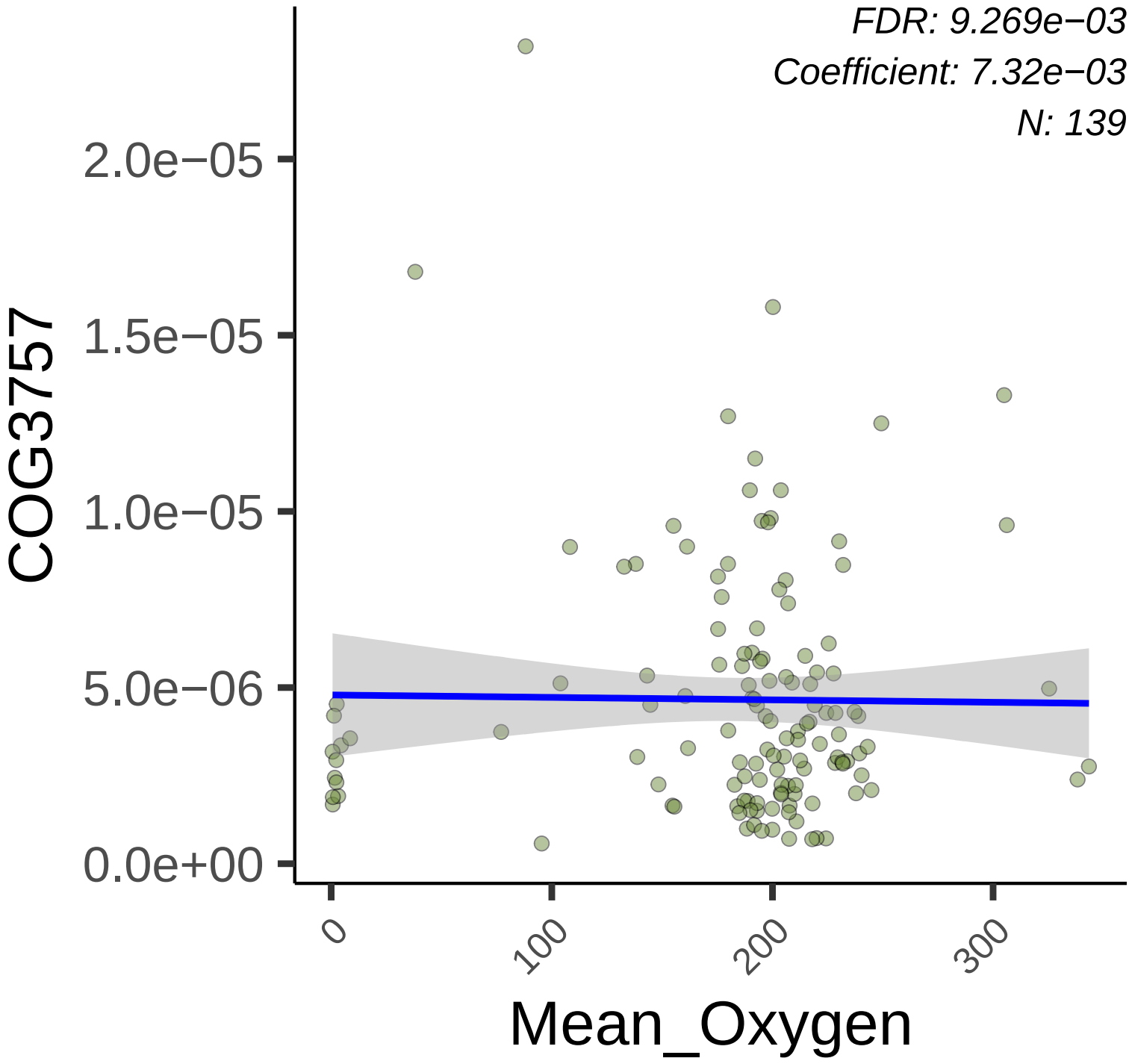
200
300
Mean_Oxygen


FDR: 9.269e−03
Coefficient: 7.32e−03
N: 139
COG3757
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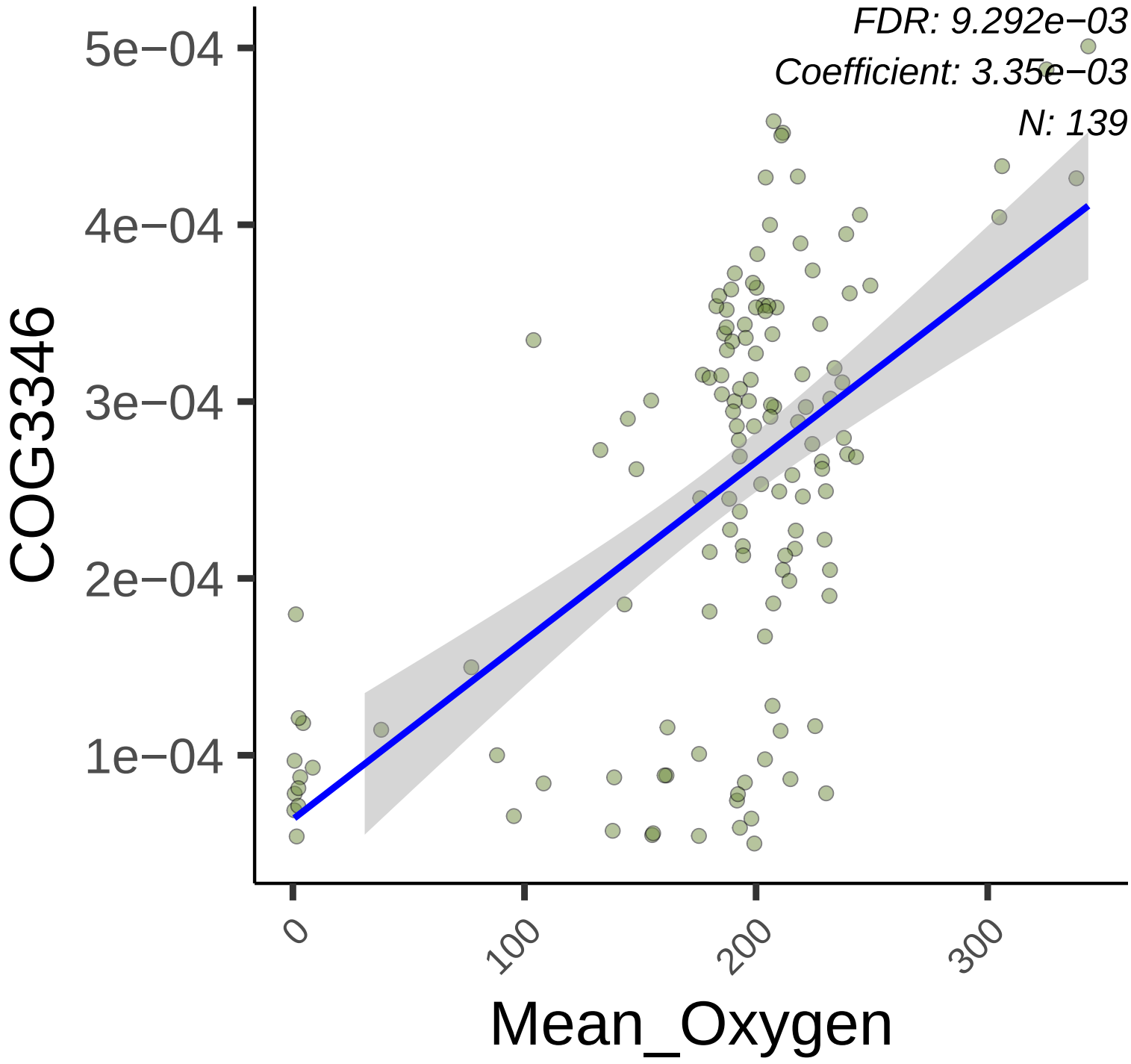
300
Mean_Oxygen


FDR: 9.292e−03
Coefficient: 3.35e−03
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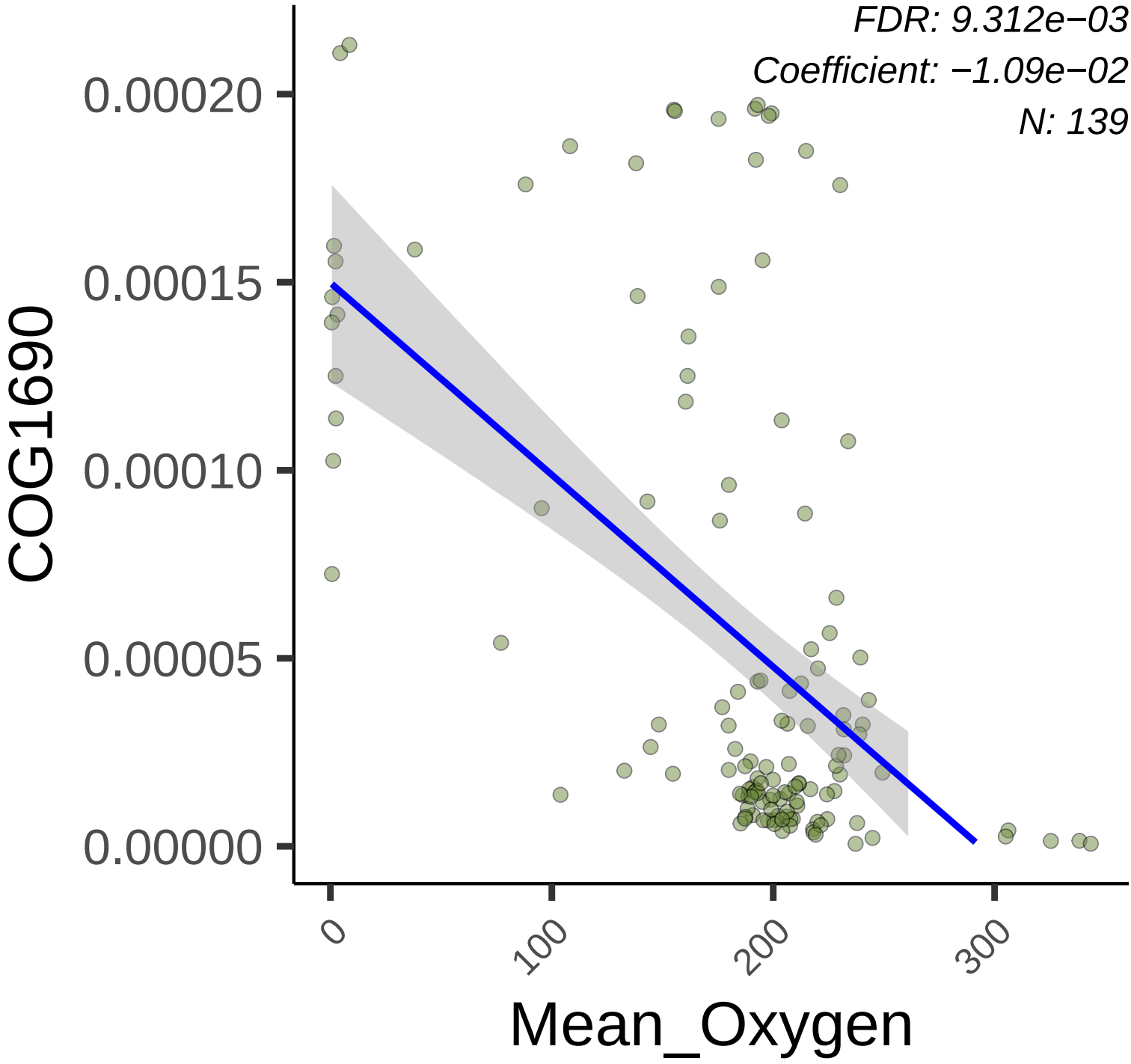
200
300
Mean_Oxygen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Coefficient: −1.09e−02
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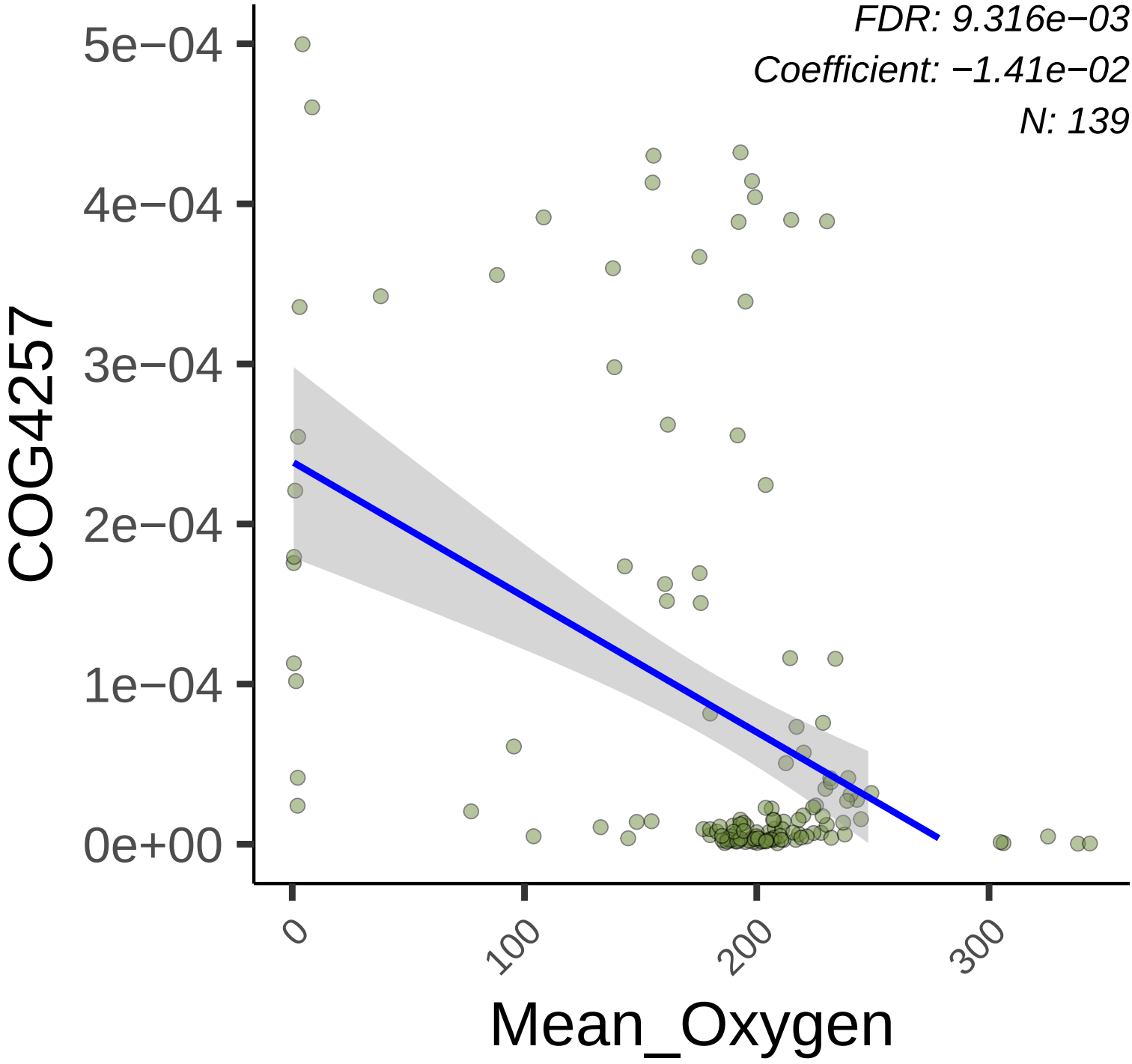
200
300
Mean_Oxygen


FDR: 9.316e−03
Coefficient: −1.41e−02
N: 139
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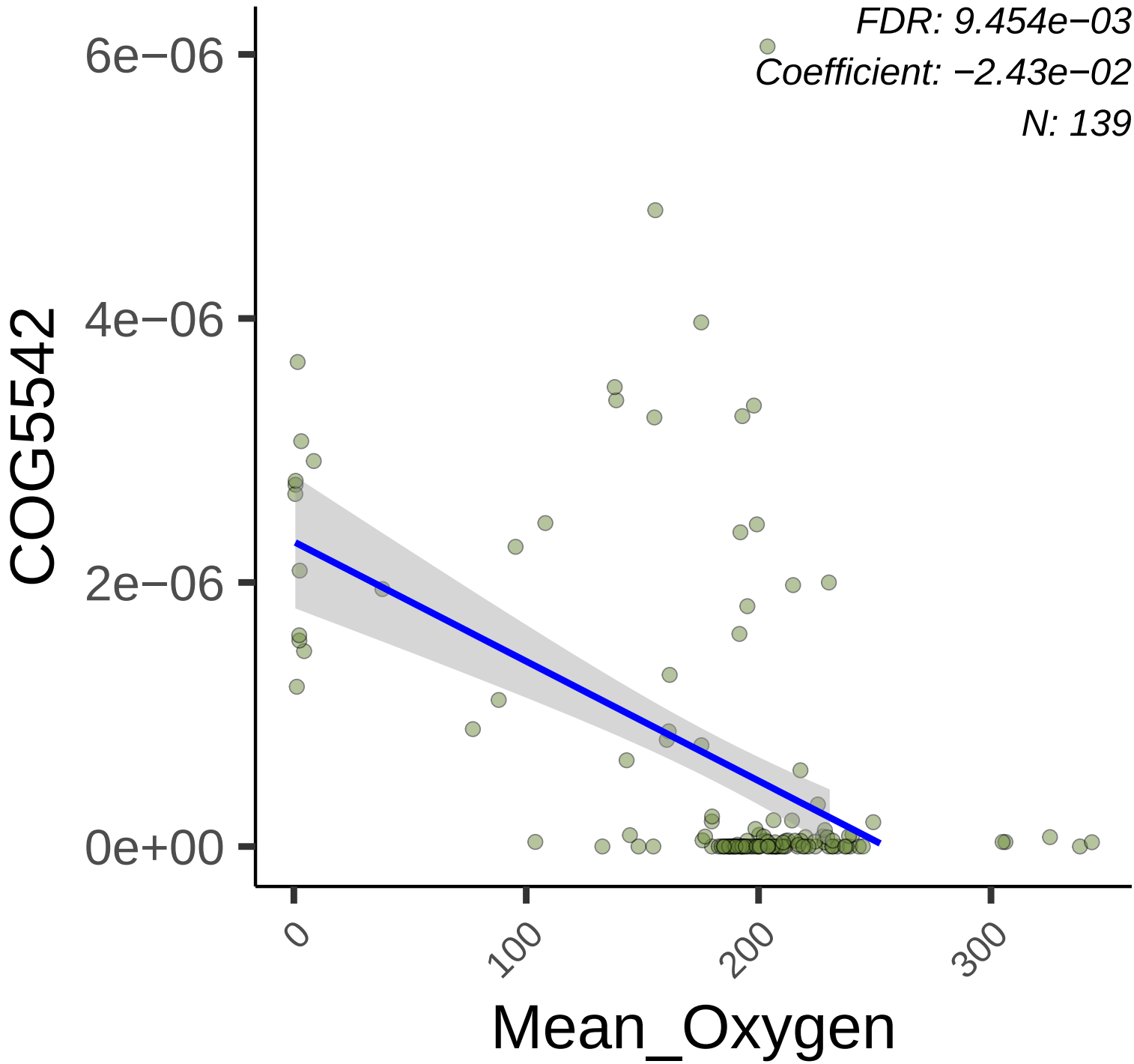
300
Mean_Oxygen


FDR: 9.454e−03
Coefficient: −2.43e−02
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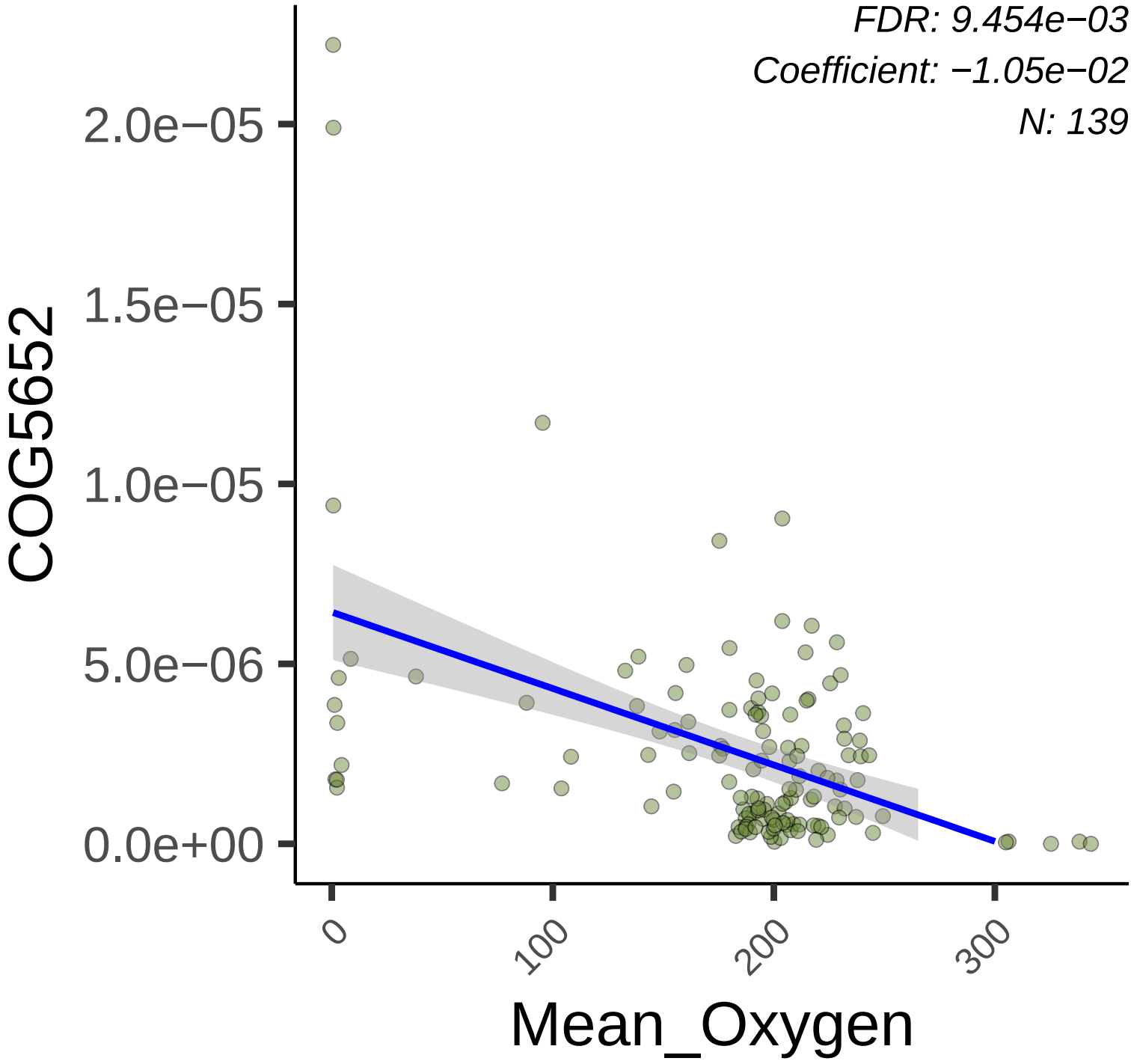
200
300
Mean_Oxygen


FDR: 9.454e−03
Coefficient: −1.05e−02
N: 139
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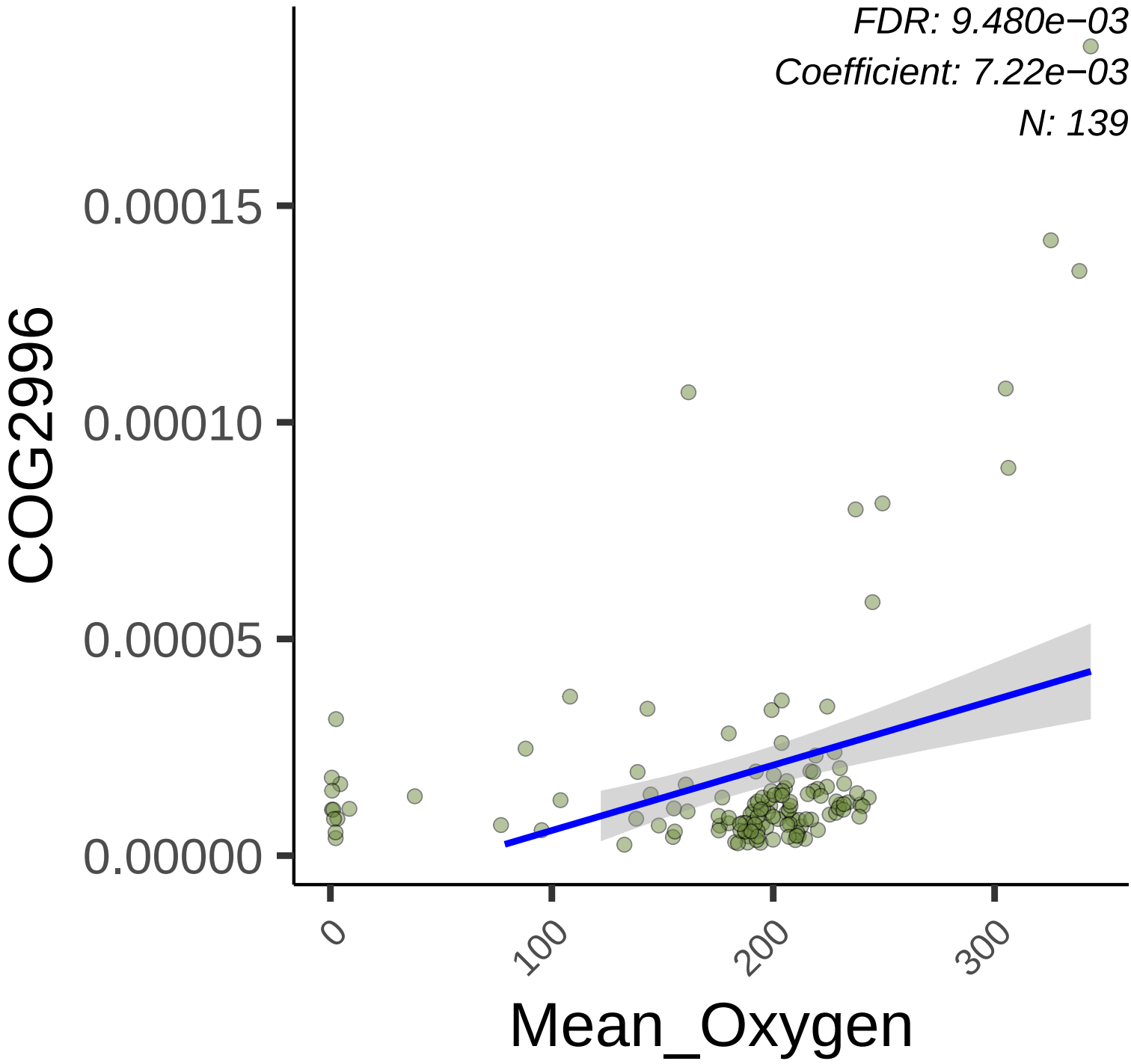
Mean_Oxygen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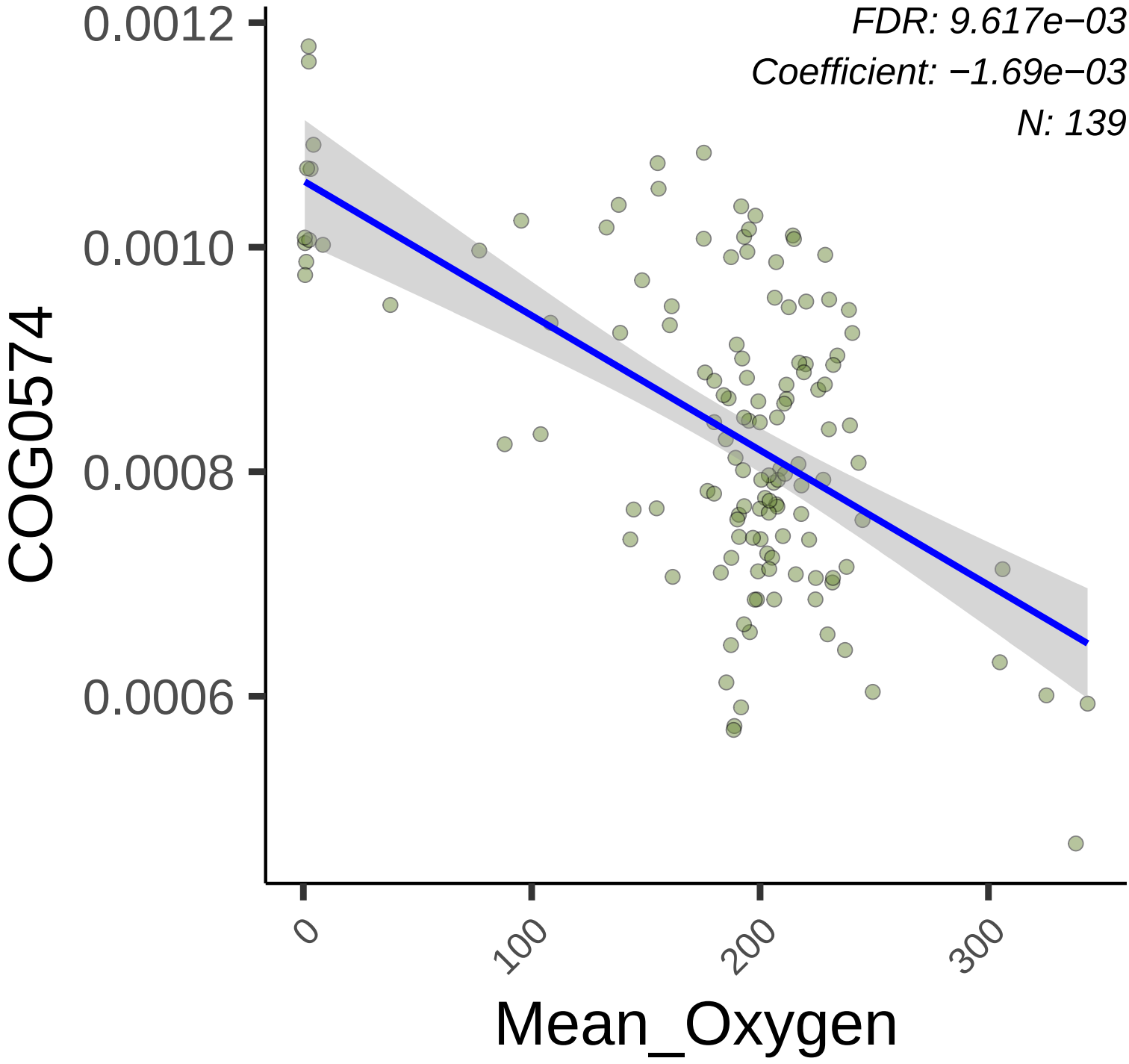
Mean_Oxygen


FDR: 9.617e−03
Coefficient: −1.69e−03
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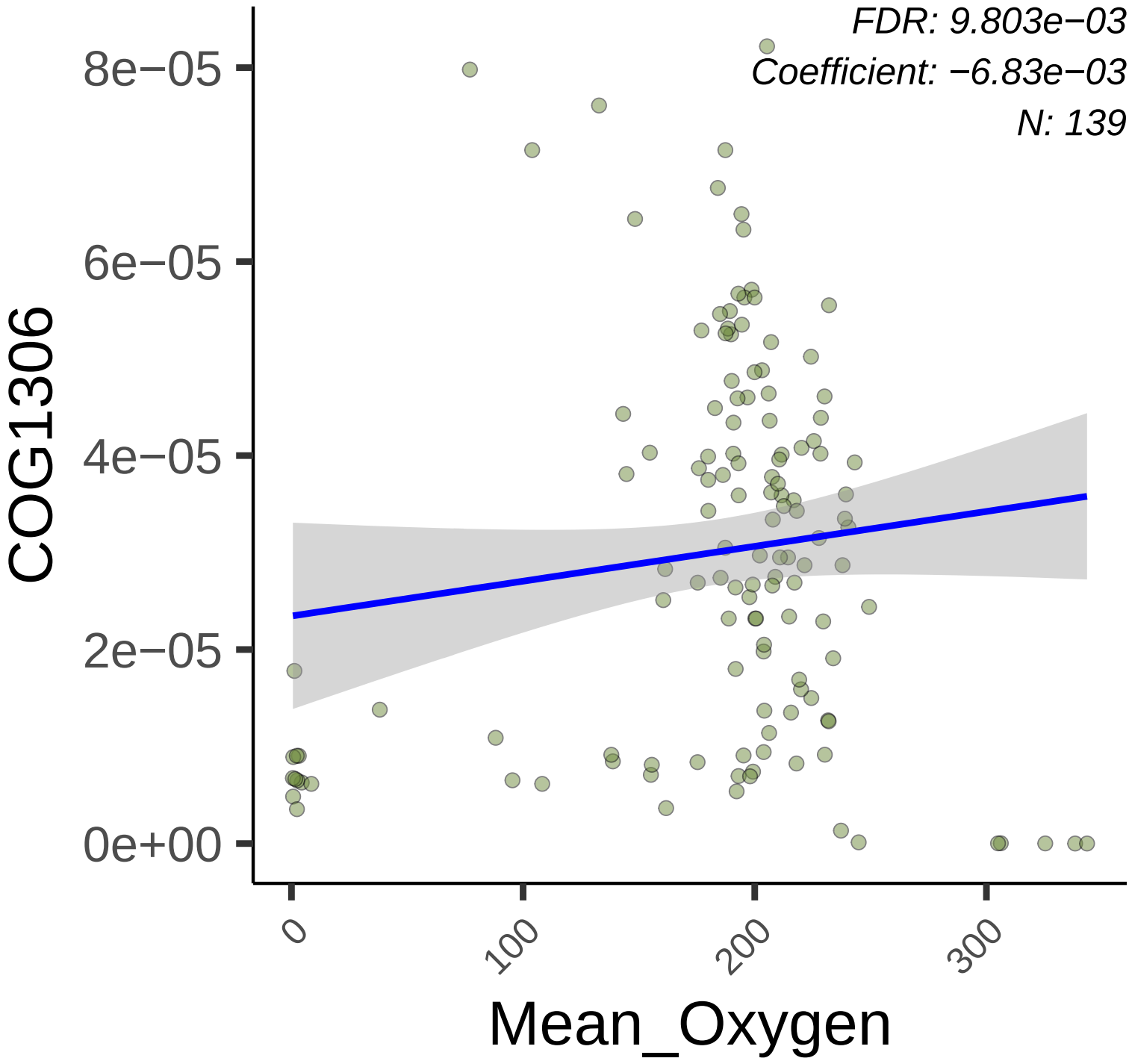
Mean_Oxygen


FDR: 9.803e−03
Coefficient: −6.83e−03
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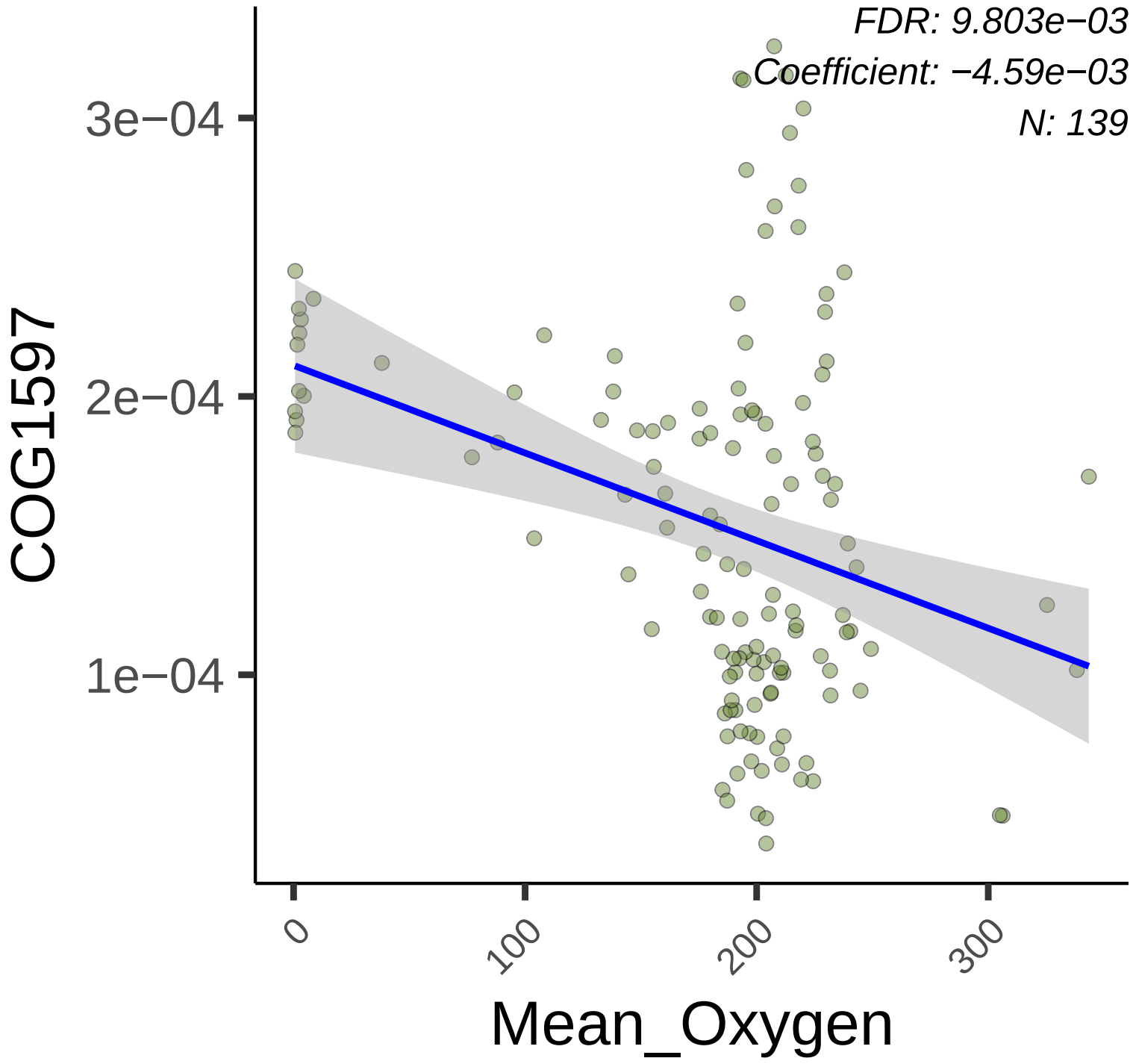
Mean_Oxygen


FDR: 9.803e−03
Coefficient: −4.59e−03
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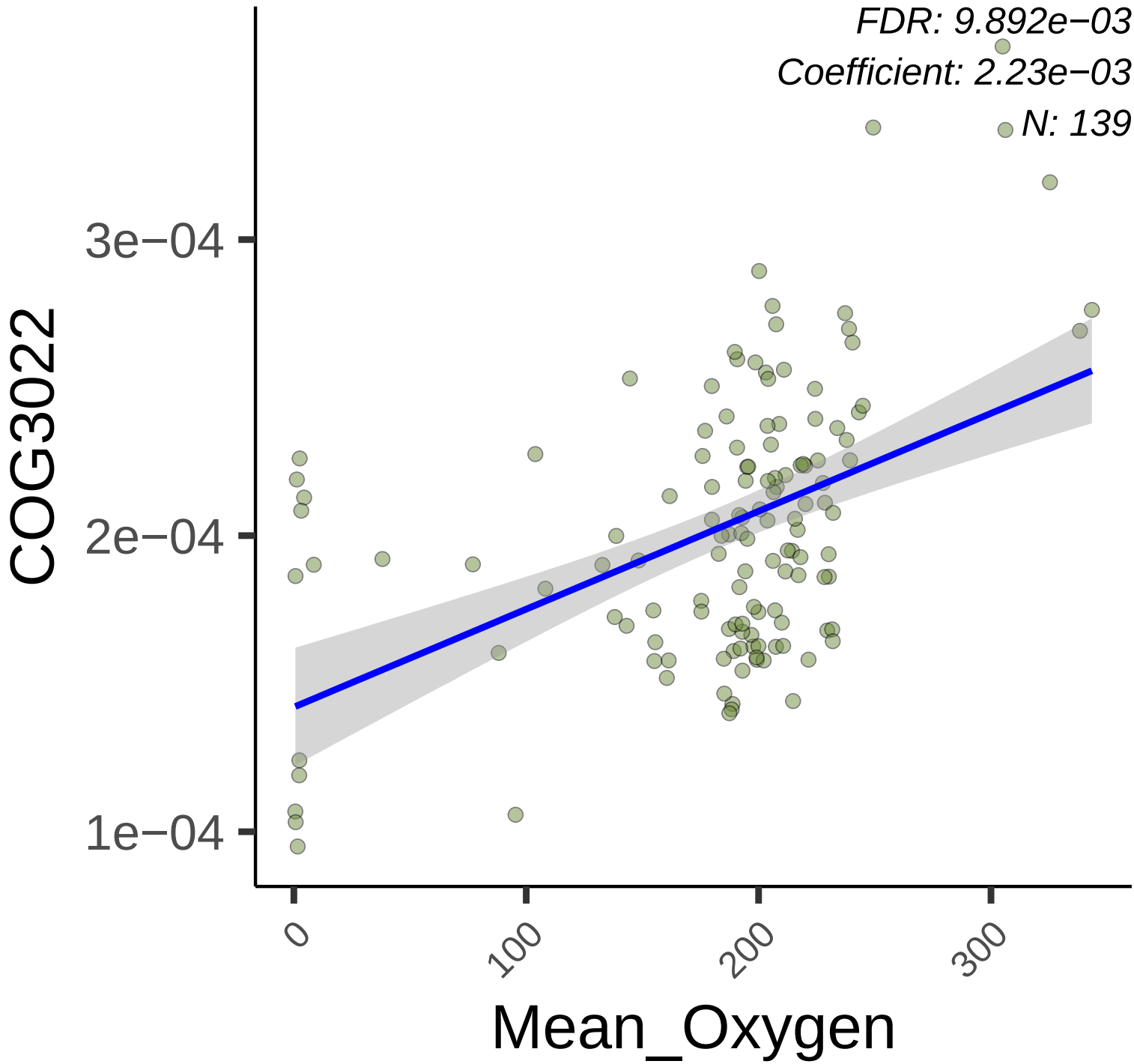
Mean_Oxygen


FDR: 9.892e−03
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N: 139
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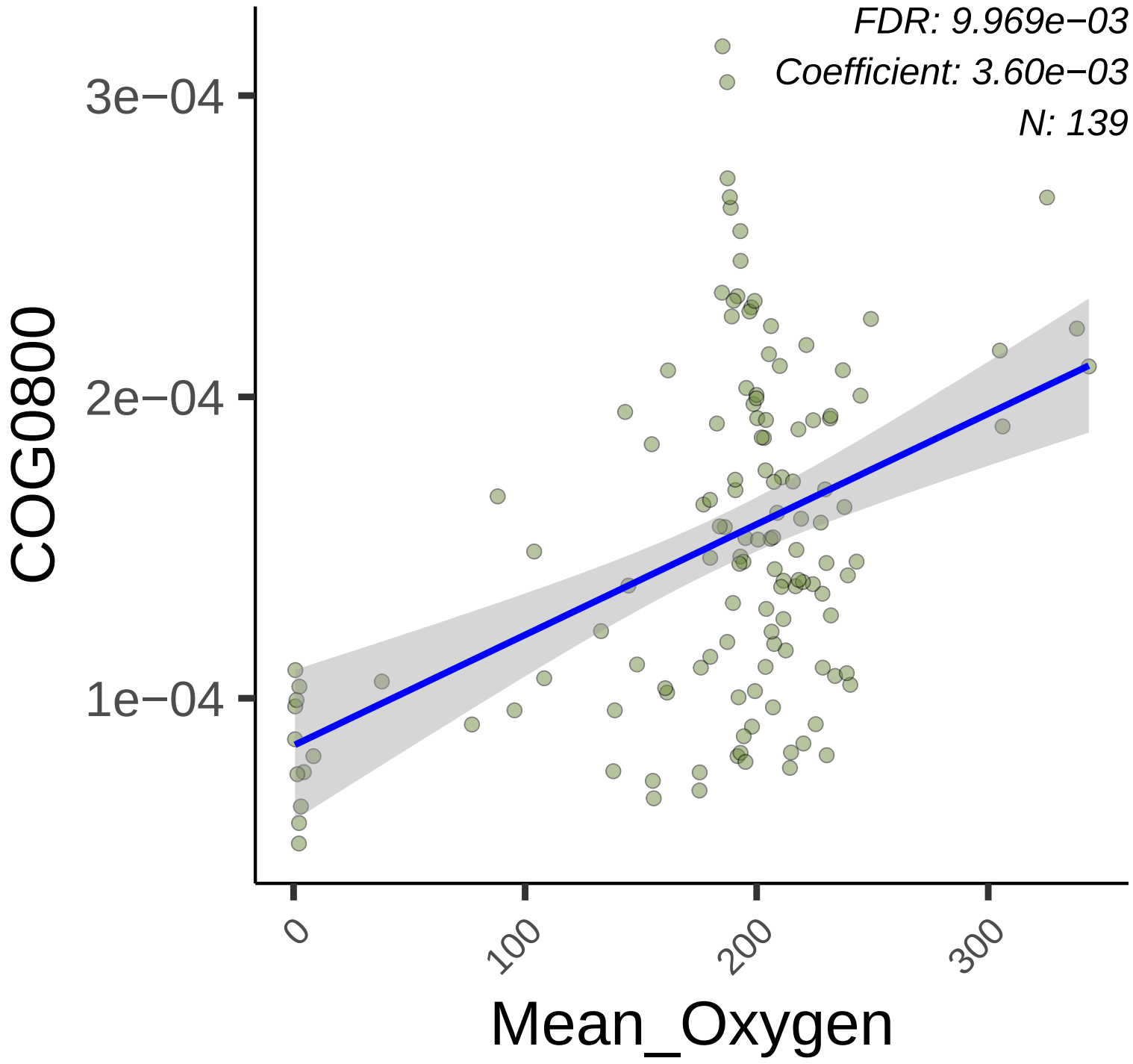
Mean_Oxygen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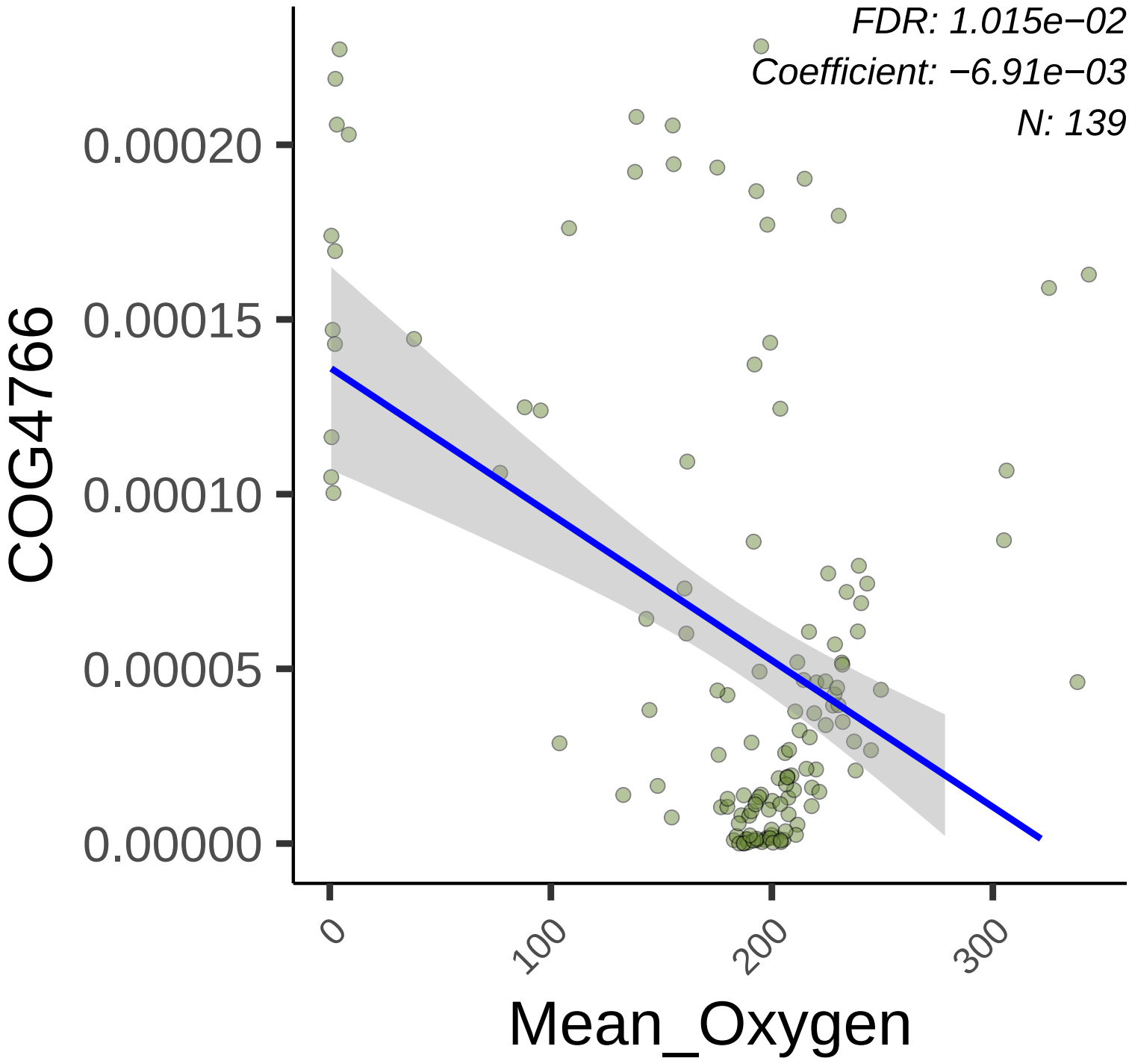
Mean_Oxygen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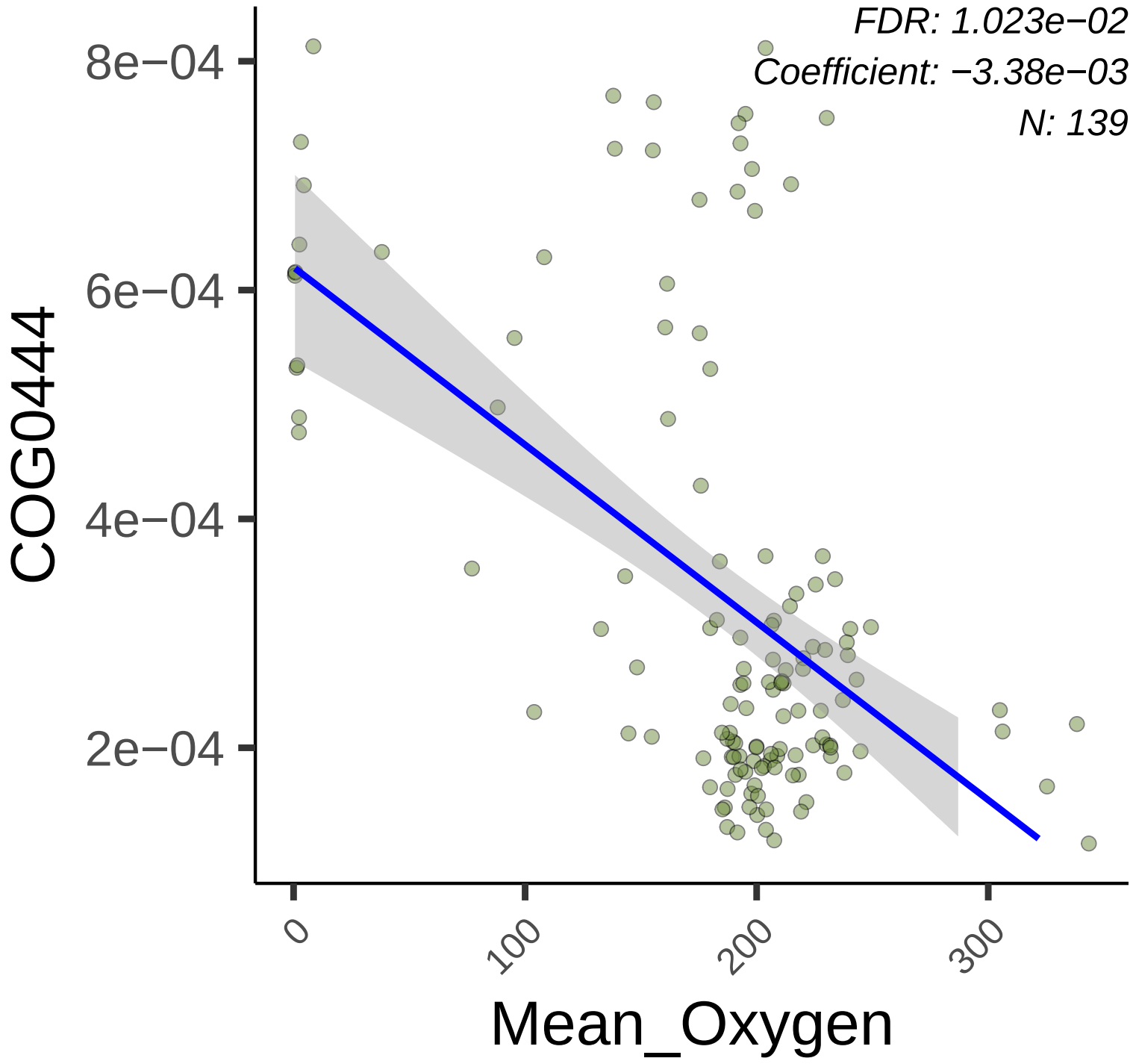
Mean_Oxygen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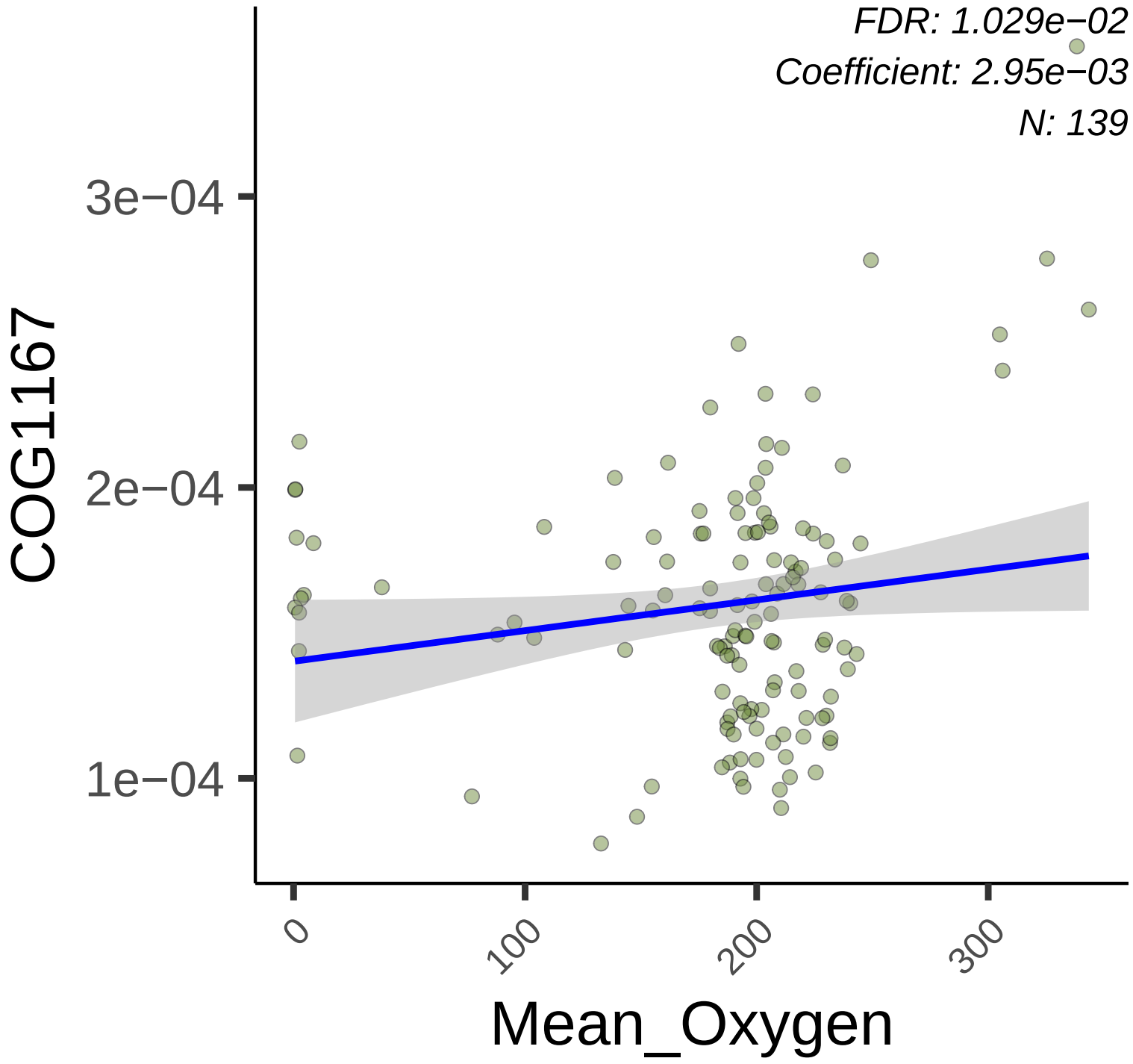
Mean_Oxygen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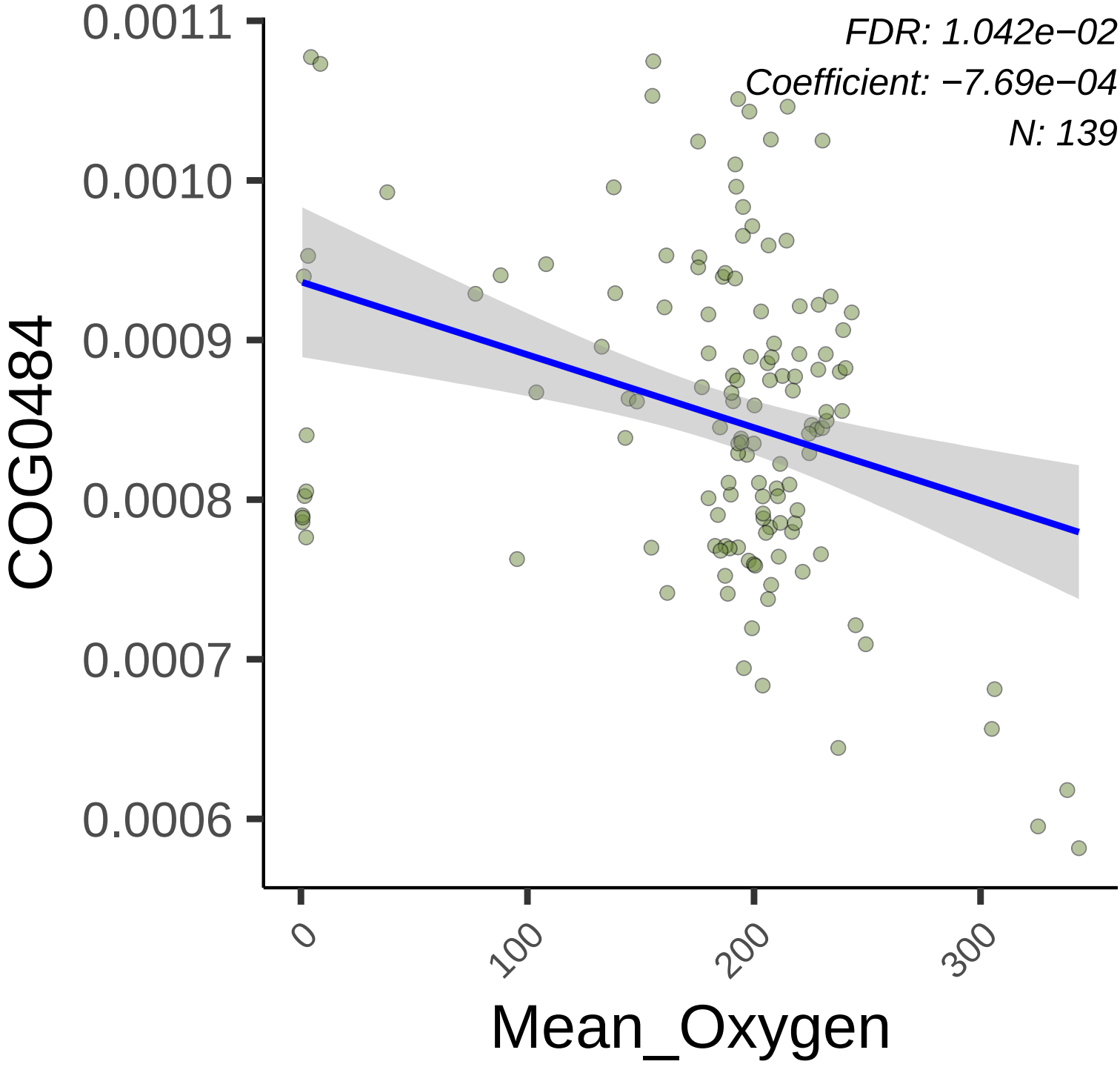
Mean_Oxygen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Coefficient: −7.69e−04
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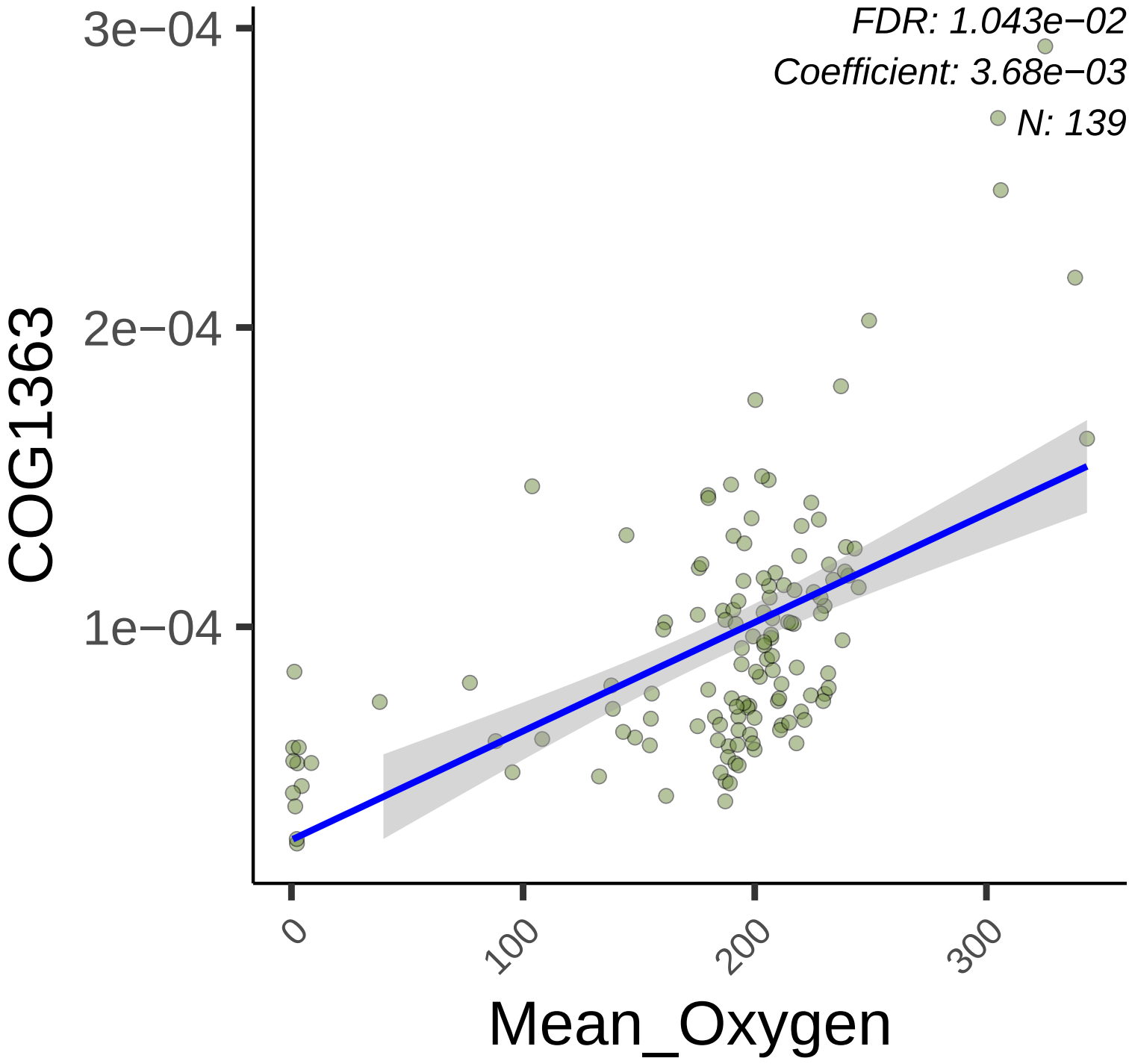
300
Mean_Oxygen


FDR: 1.043e−02
Coefficient: 3.68e−03
N: 139
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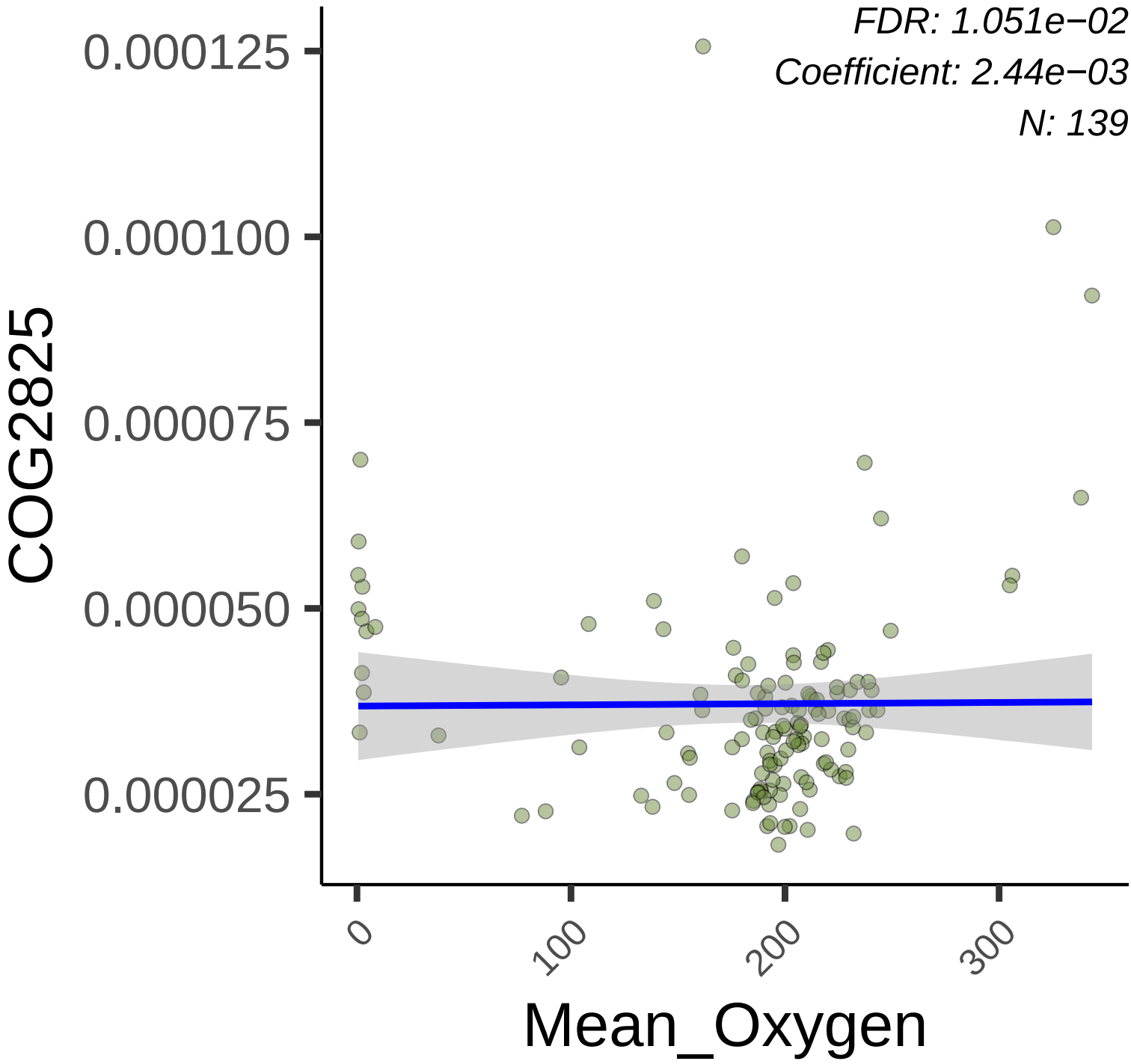
Mean_Oxygen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Coefficient: 2.44e−03
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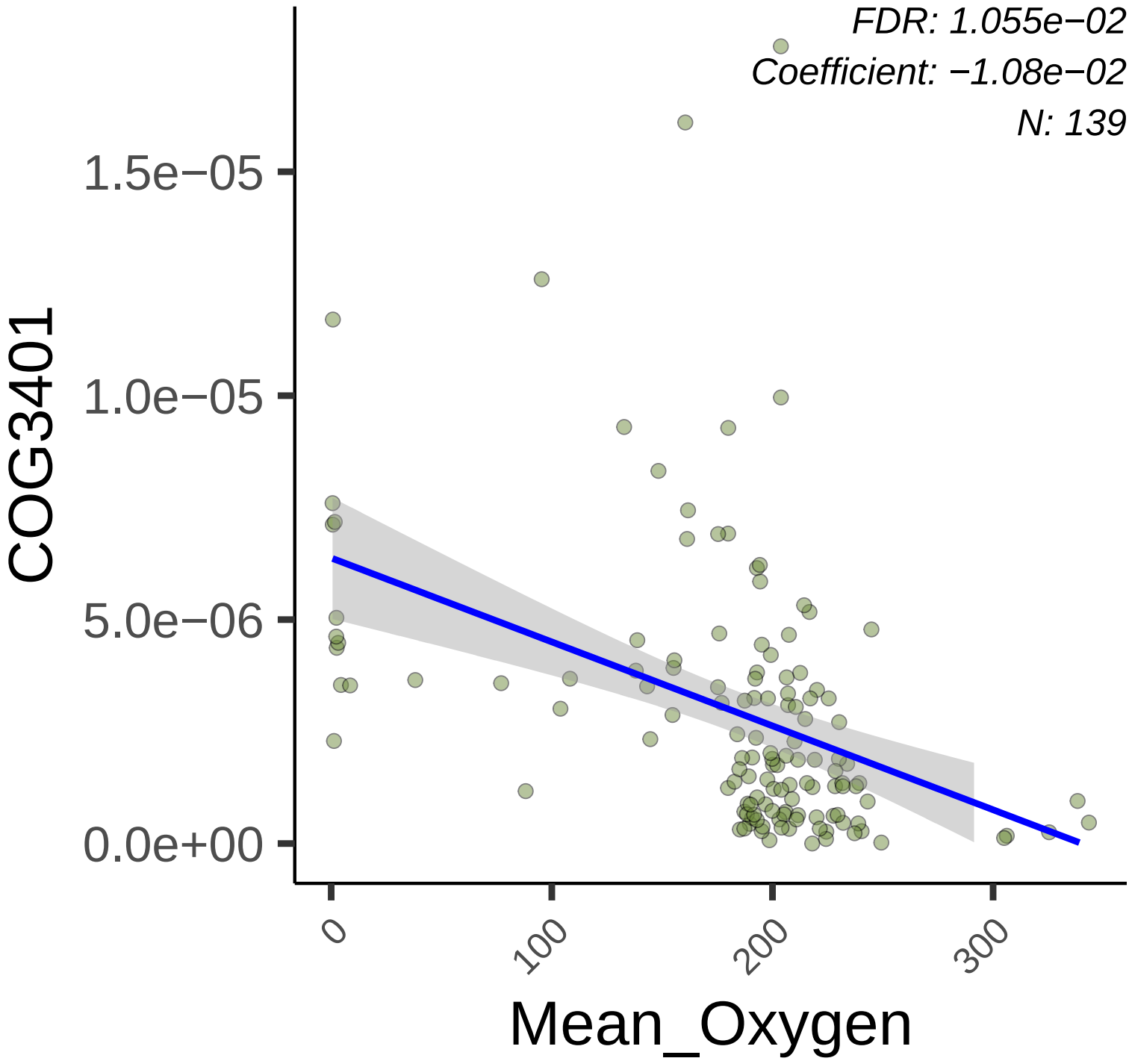
Mean_Oxygen


FDR: 1.055e−02
Coefficient: −1.08e−02
N: 139
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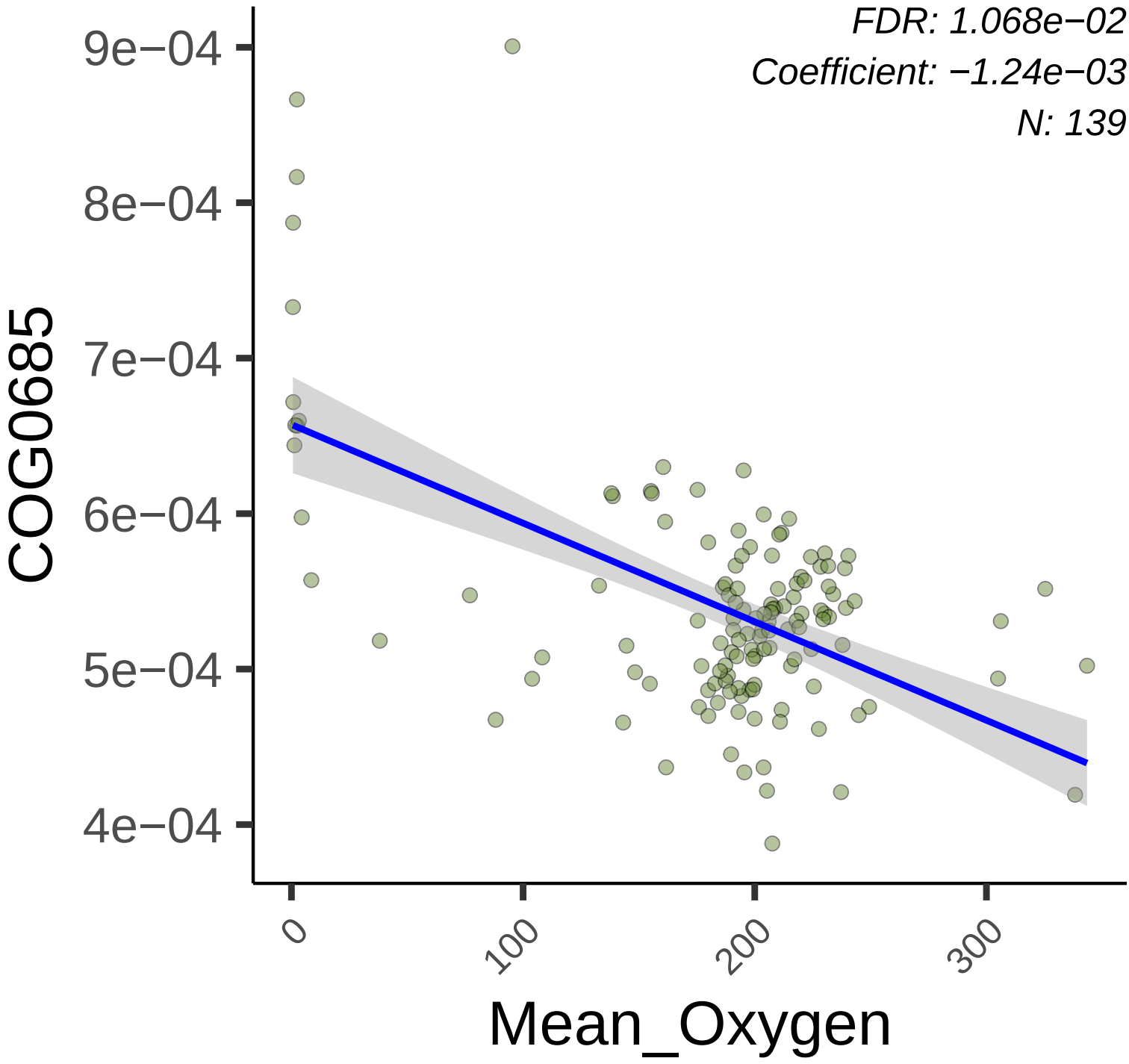
300
Mean_Oxygen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Coefficient: −1.24e−03
N: 139
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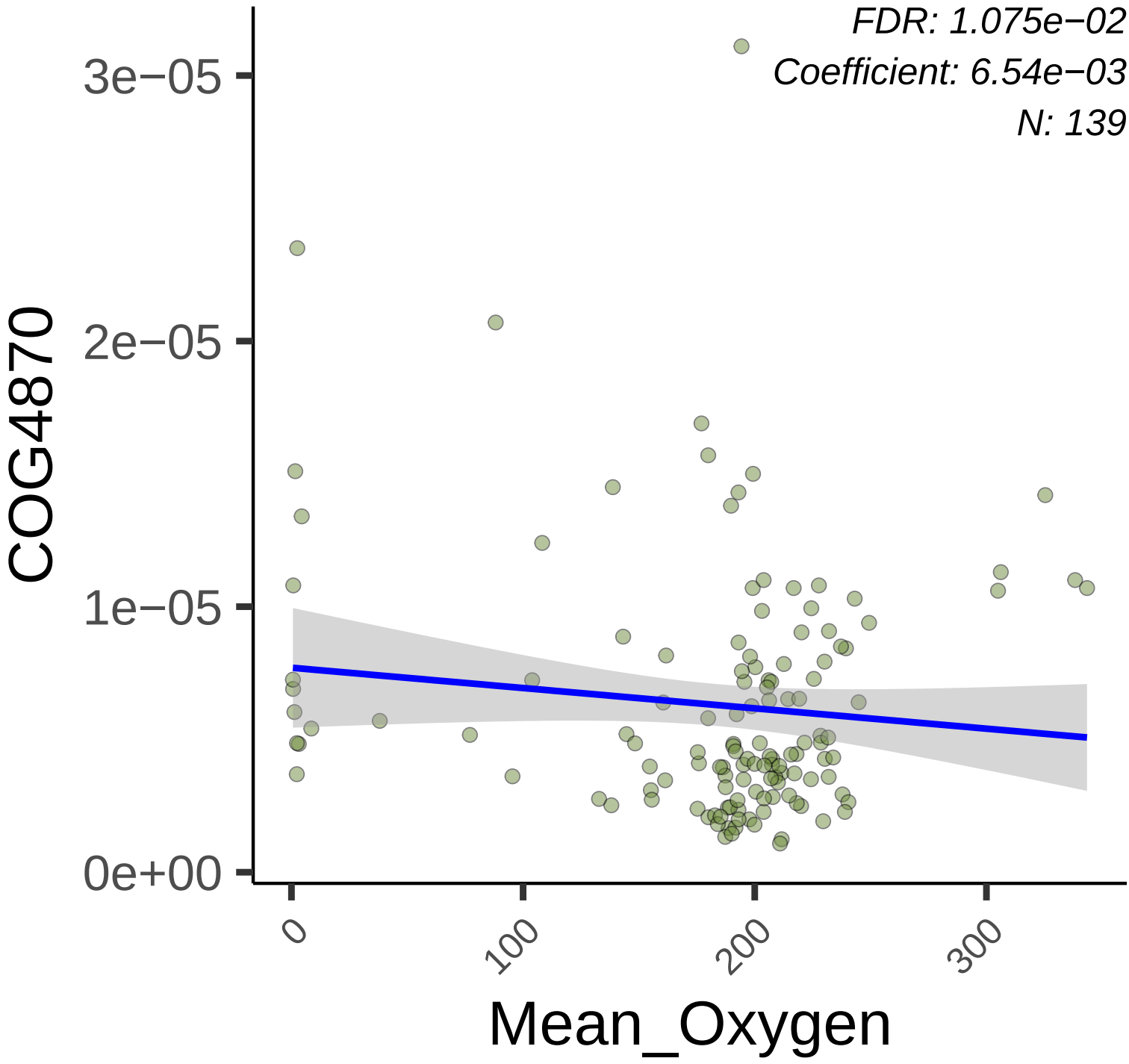
Mean_Oxygen


FDR: 1.075e−02
Coefficient: 6.54e−03
N: 139
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COG4870
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200
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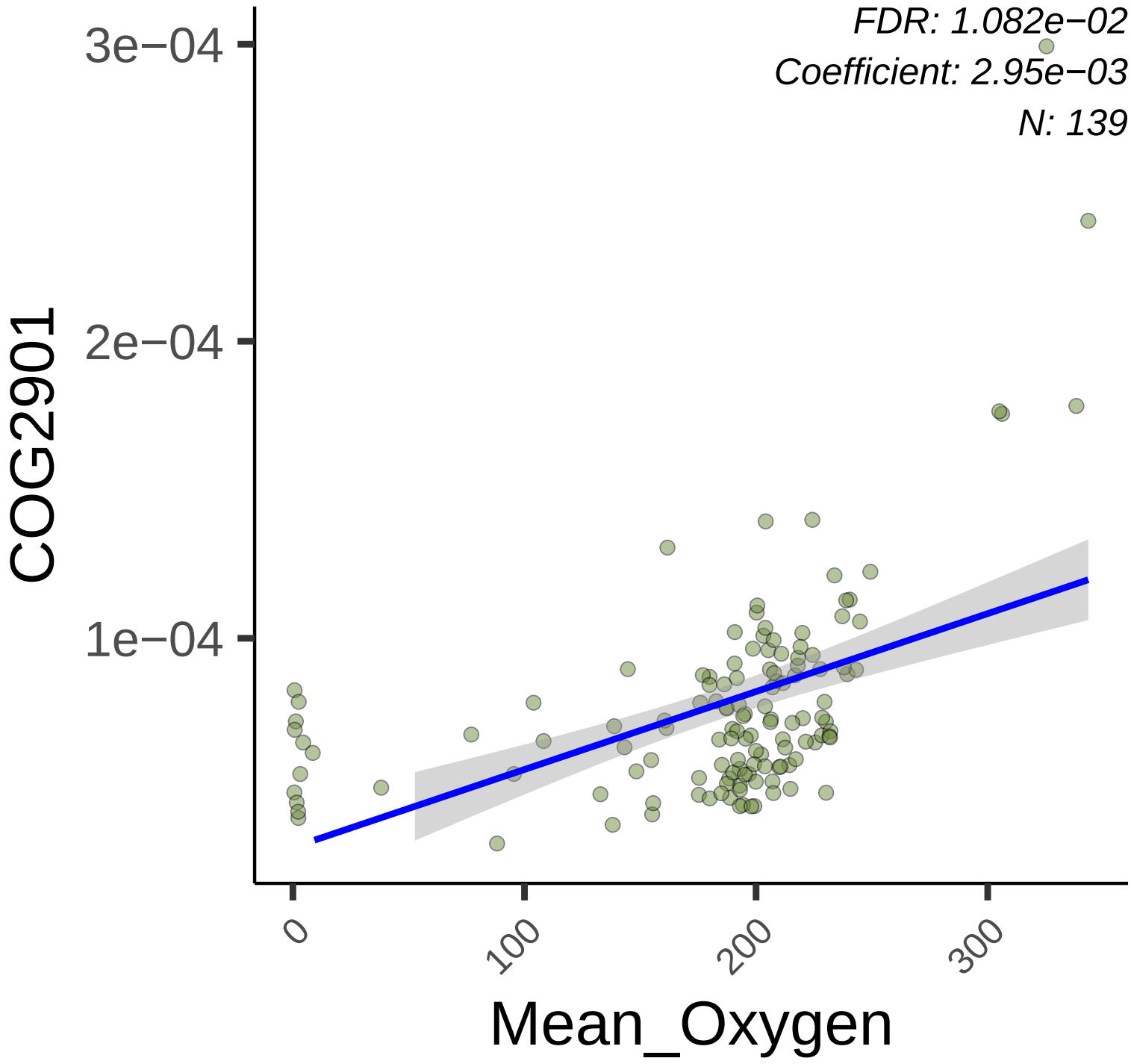
Mean_Oxygen


FDR: 1.082e−02
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N: 139
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COG2901
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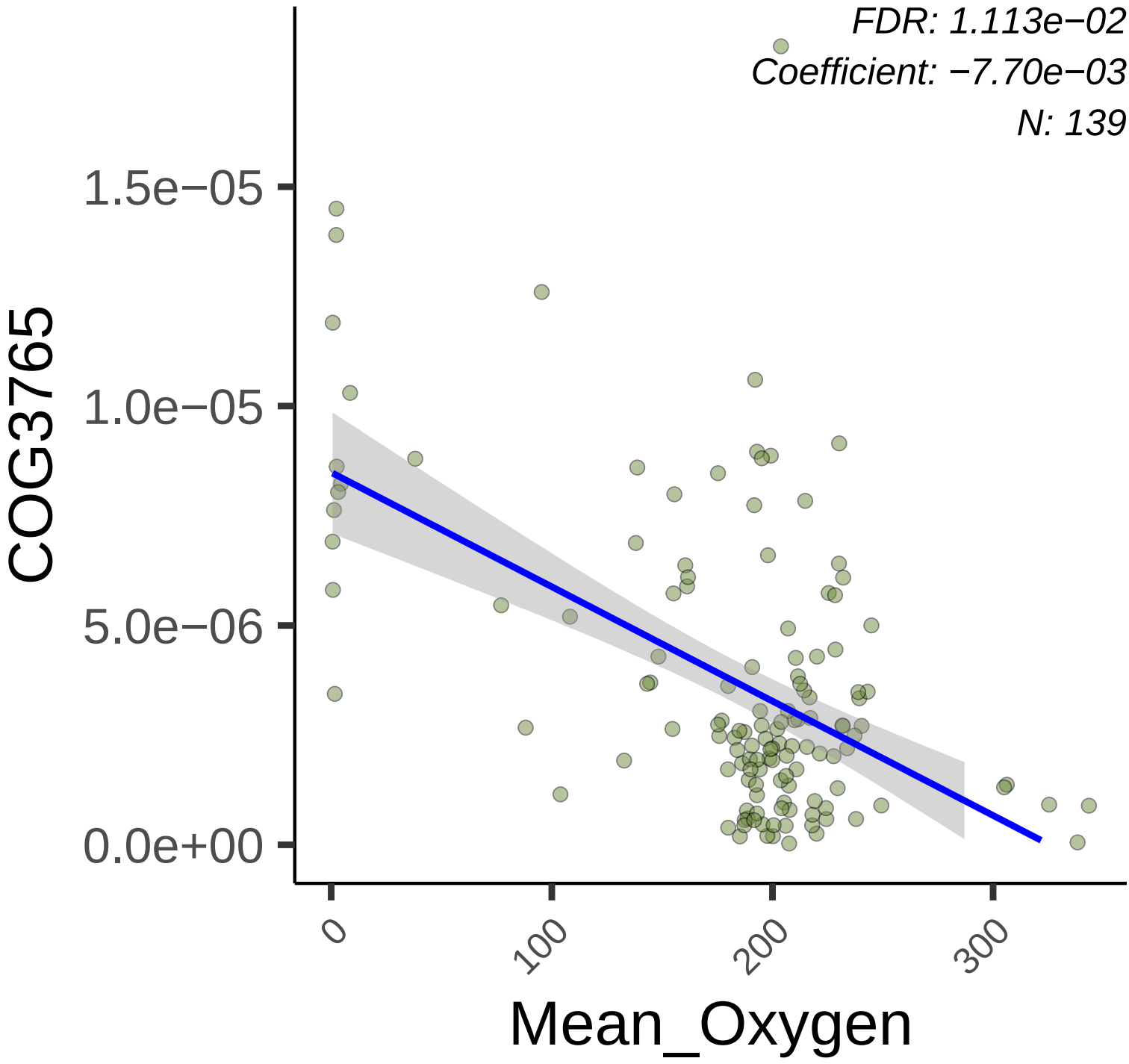
Mean_Oxygen


FDR: 1.113e−02
Coefficient: −7.70e−03
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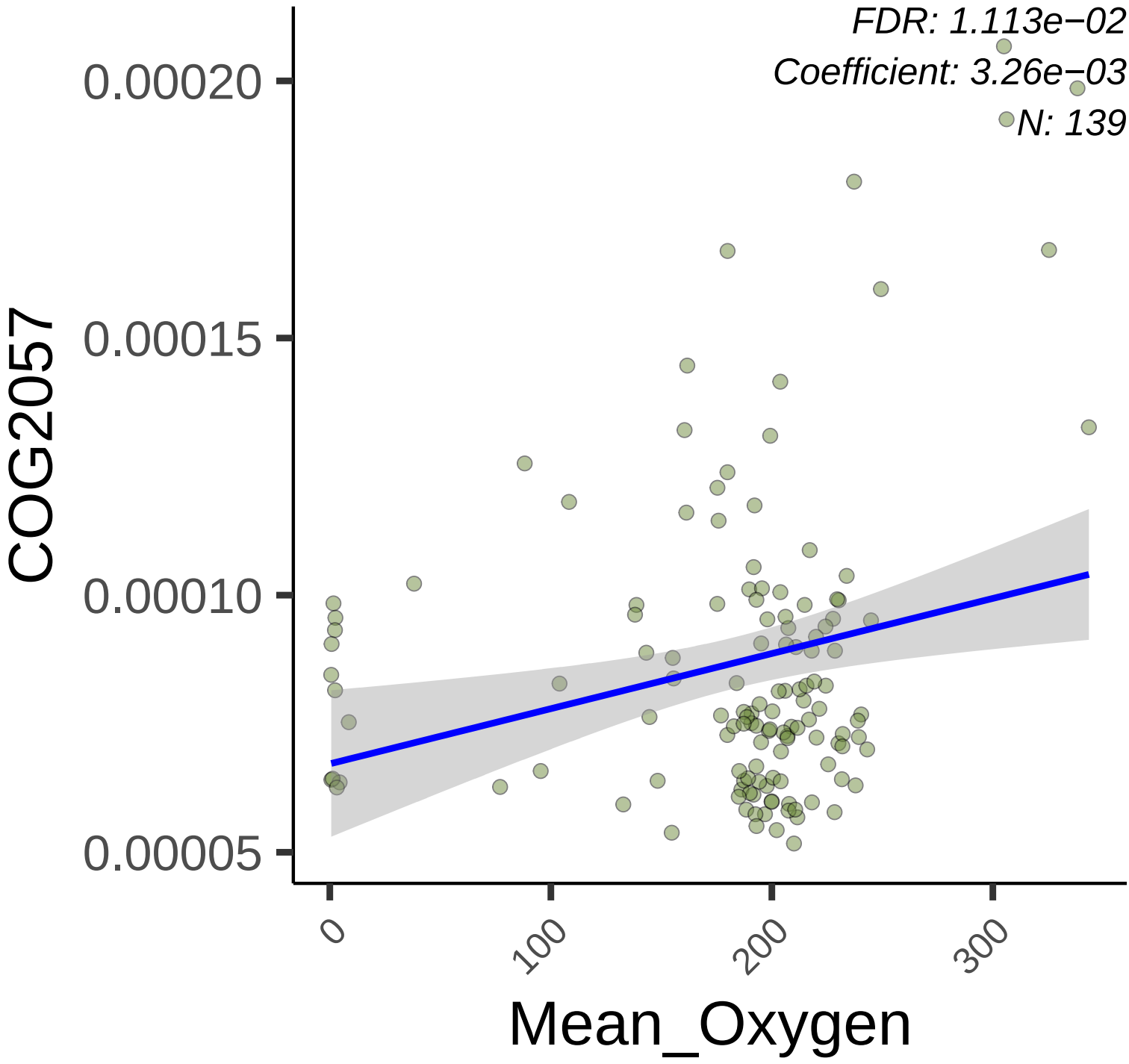
Mean_Oxygen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Coefficient: 3.26e−03
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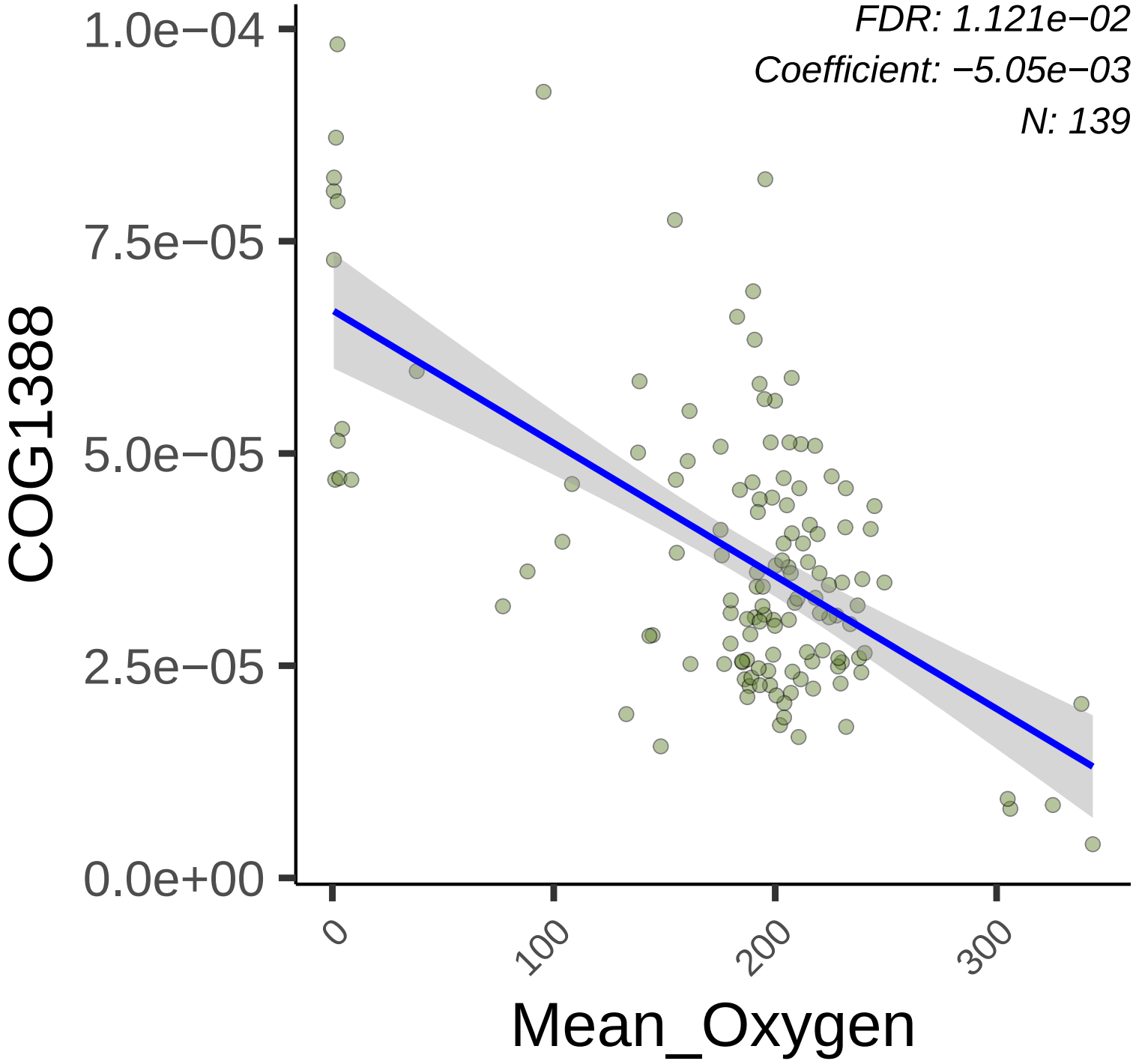
Mean_Oxygen


FDR: 1.121e−02
Coefficient: −5.05e−03
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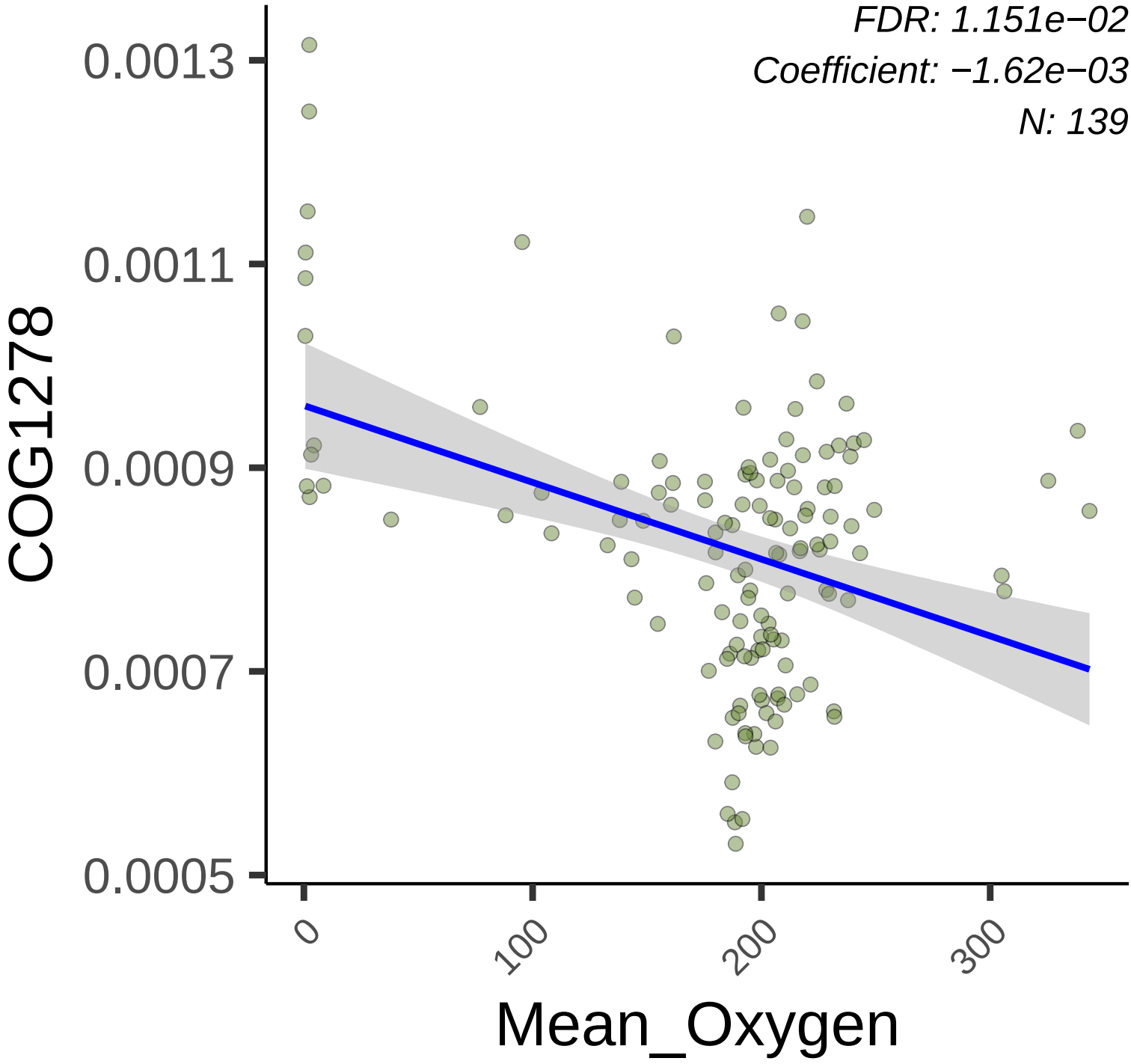
Mean_Oxygen


FDR: 1.151e−02
Coefficient: −1.62e−03
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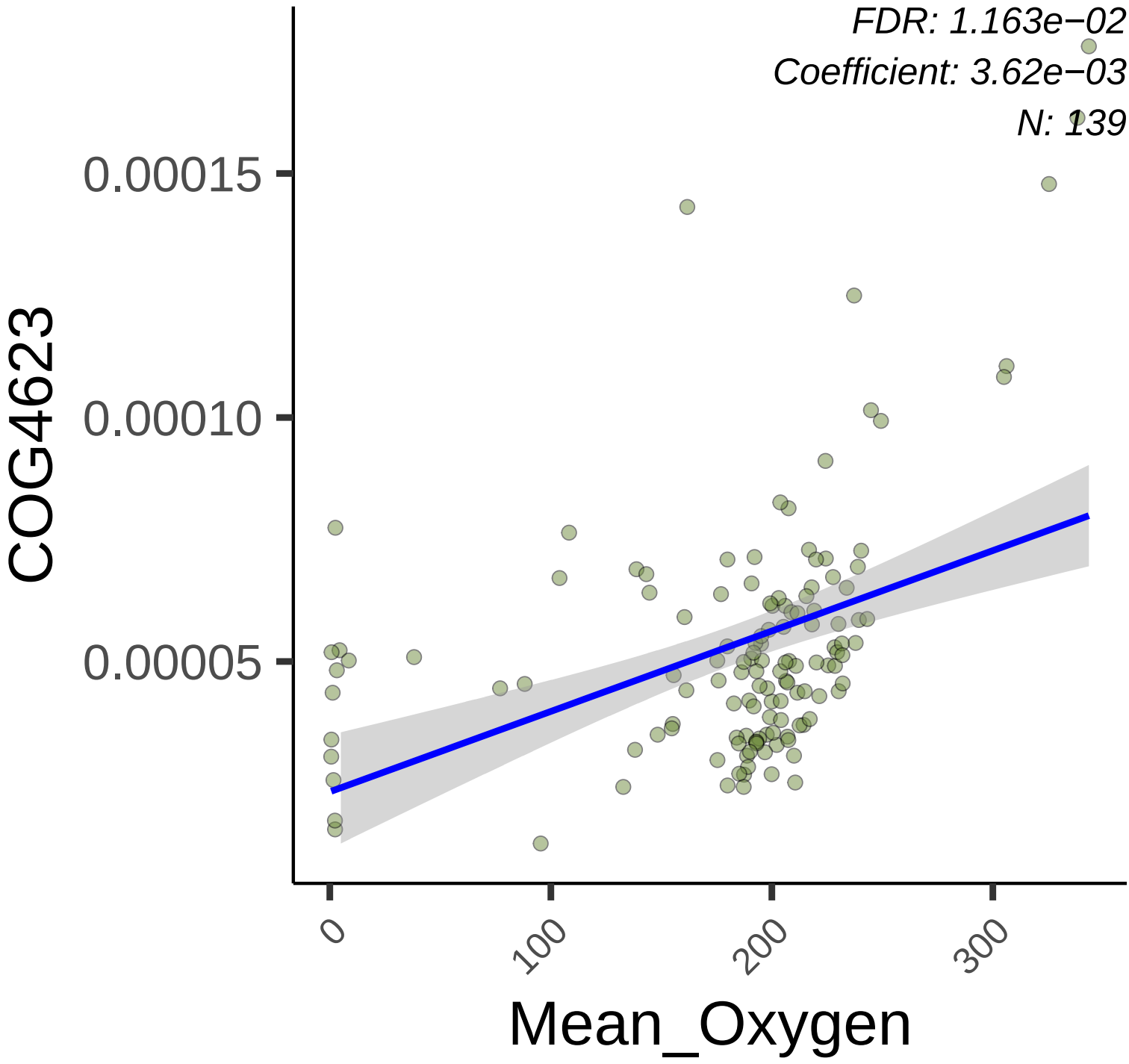
Mean_Oxygen


FDR: 1.163e−02
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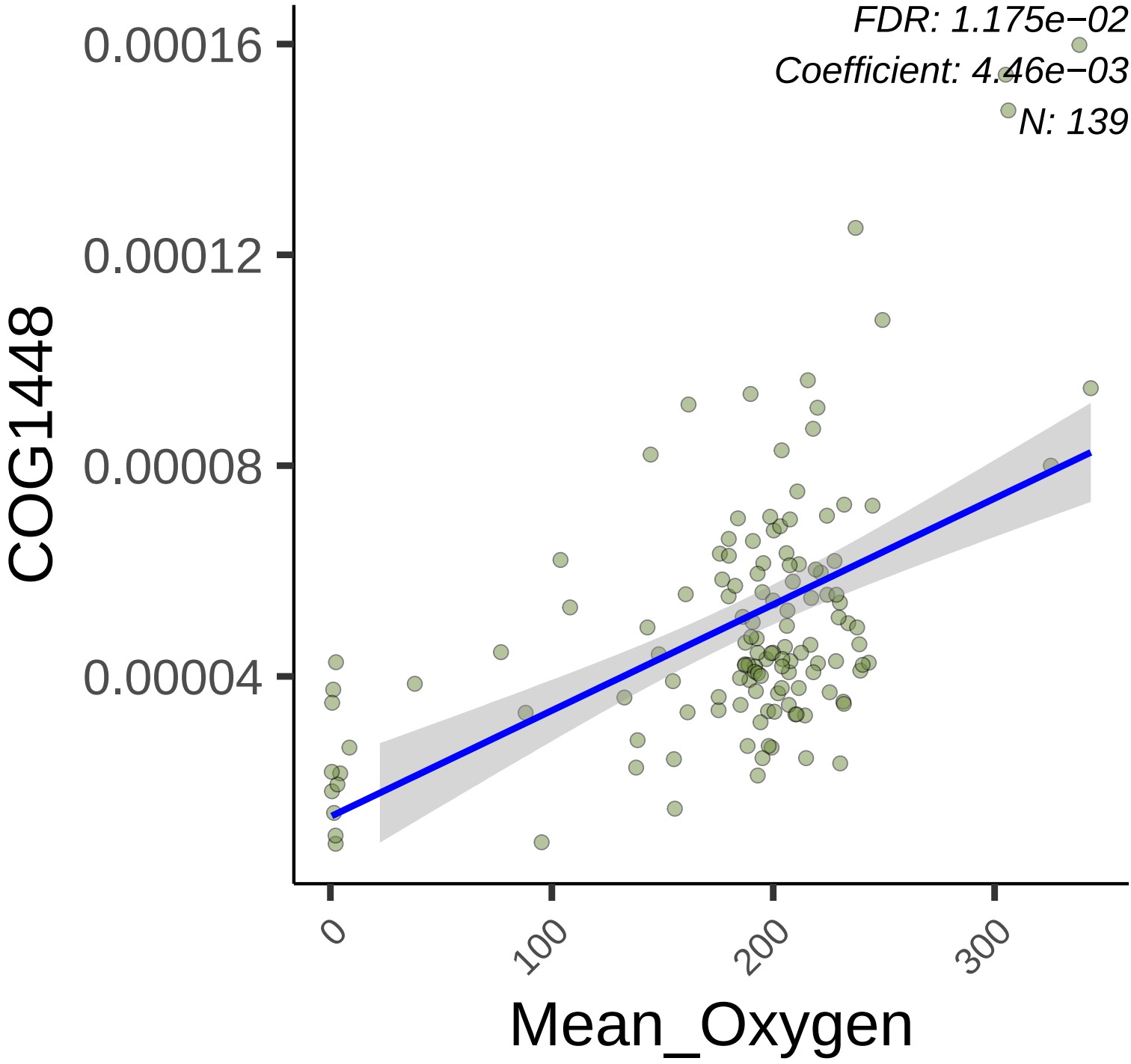
Mean_Oxygen


FDR: 1.175e−02
Coefficient: 4.46e−03
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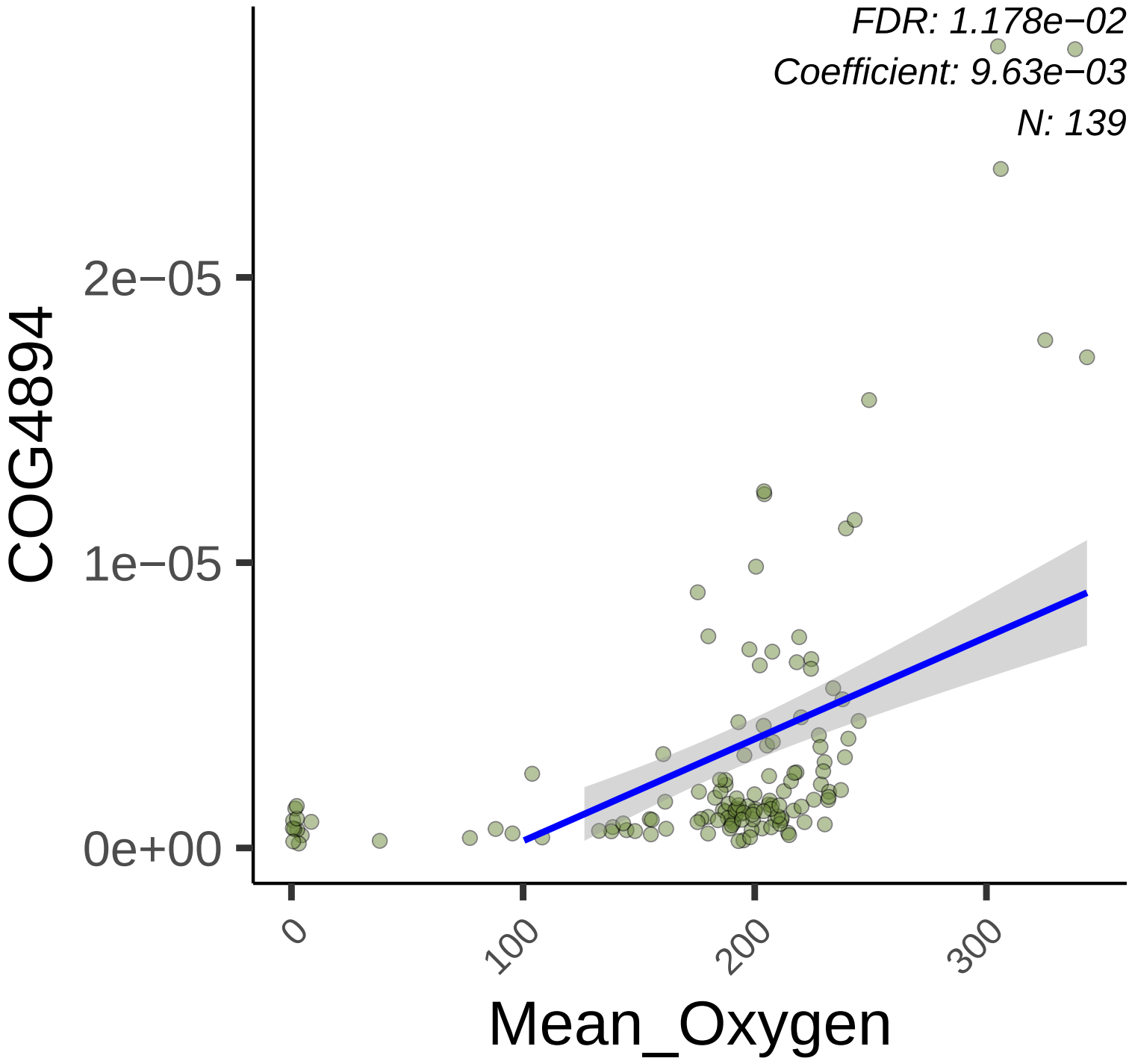
300
Mean_Oxygen


FDR: 1.178e−02
Coefficient: 9.63e−03
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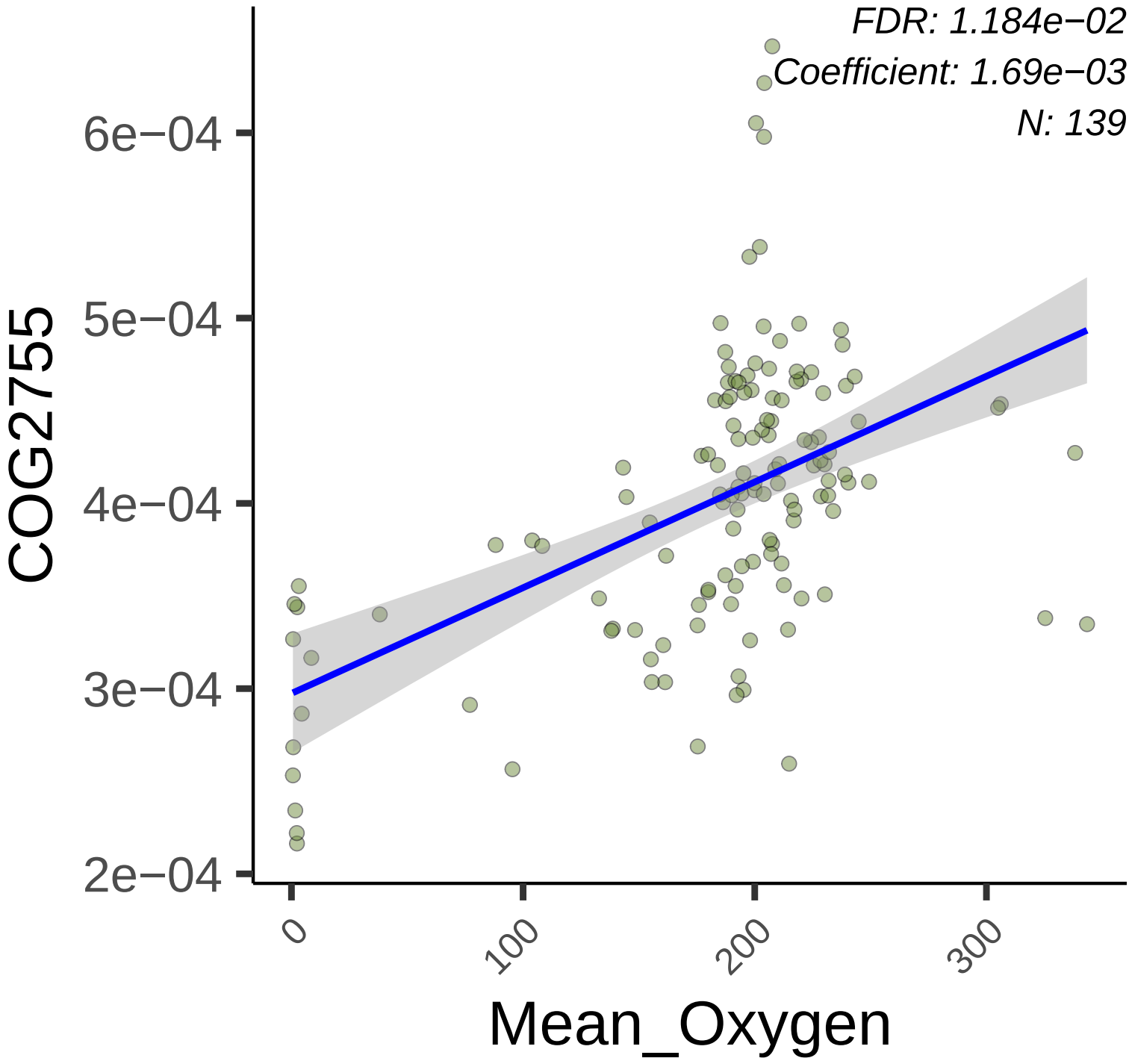
Mean_Oxygen


FDR: 1.184e−02
Coefficient: 1.69e−03
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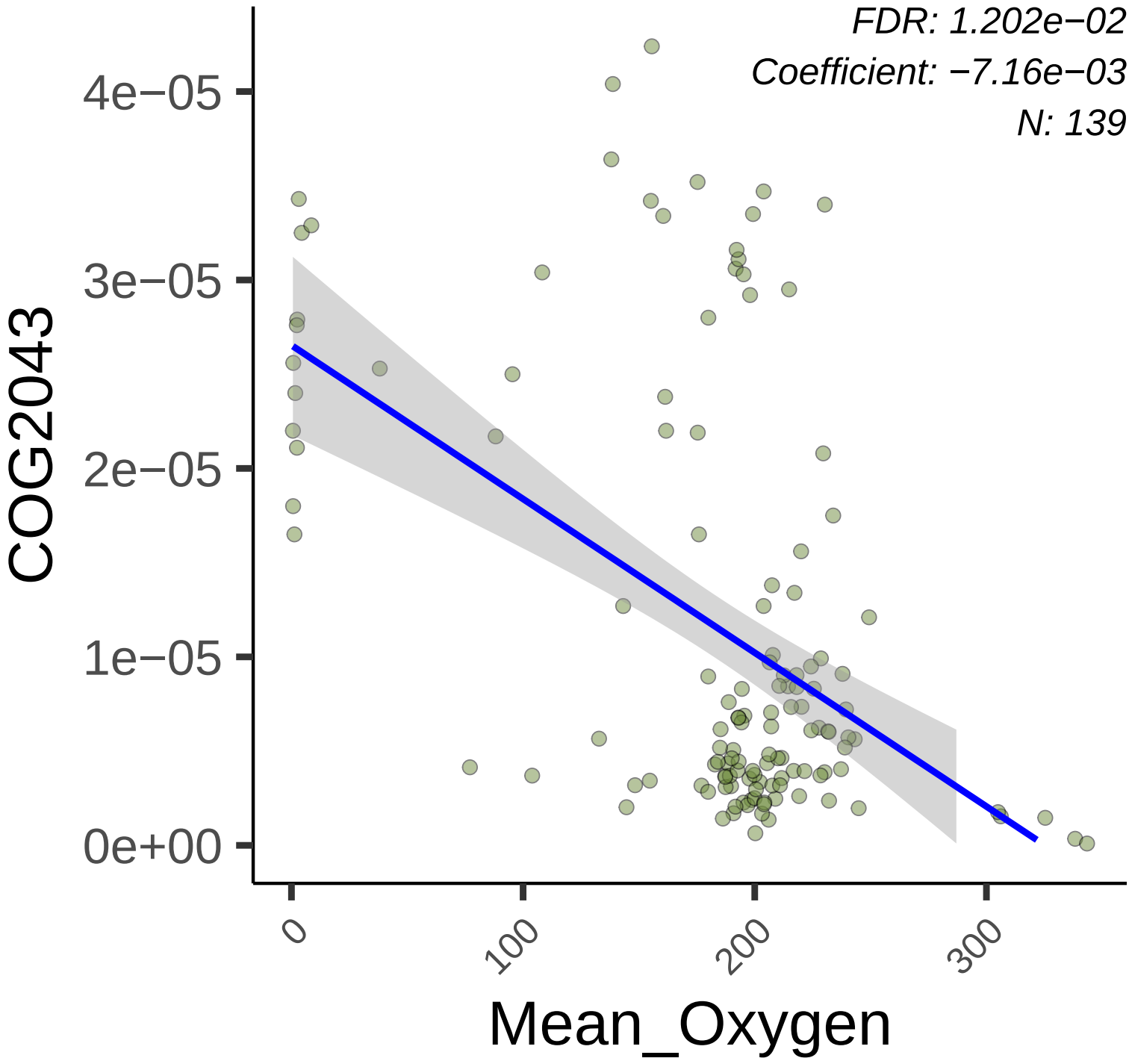
Mean_Oxygen


FDR: 1.202e−02
Coefficient: −7.16e−03
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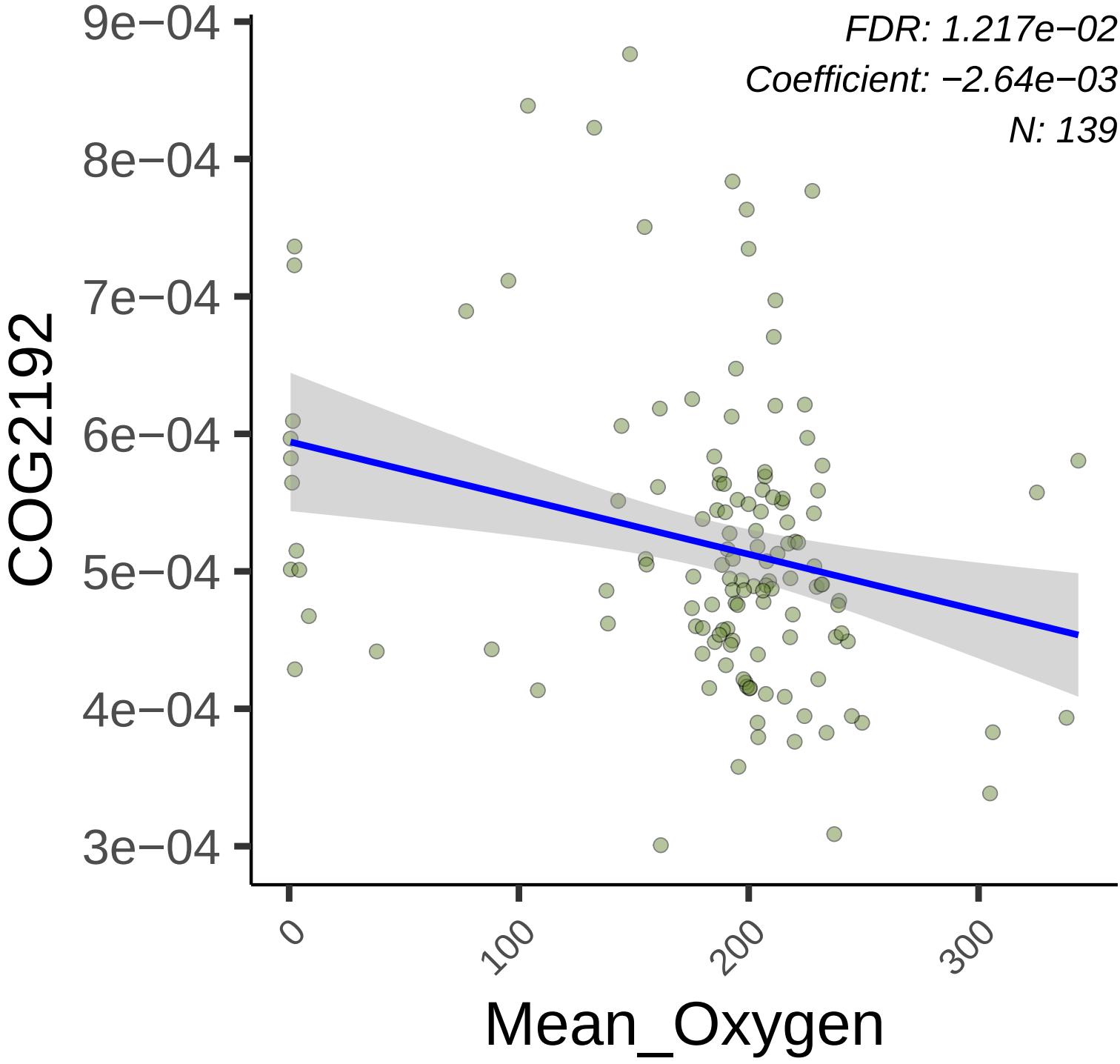
Mean_Oxygen


FDR: 1.217e−02
Coefficient: −2.64e−03
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3e−04
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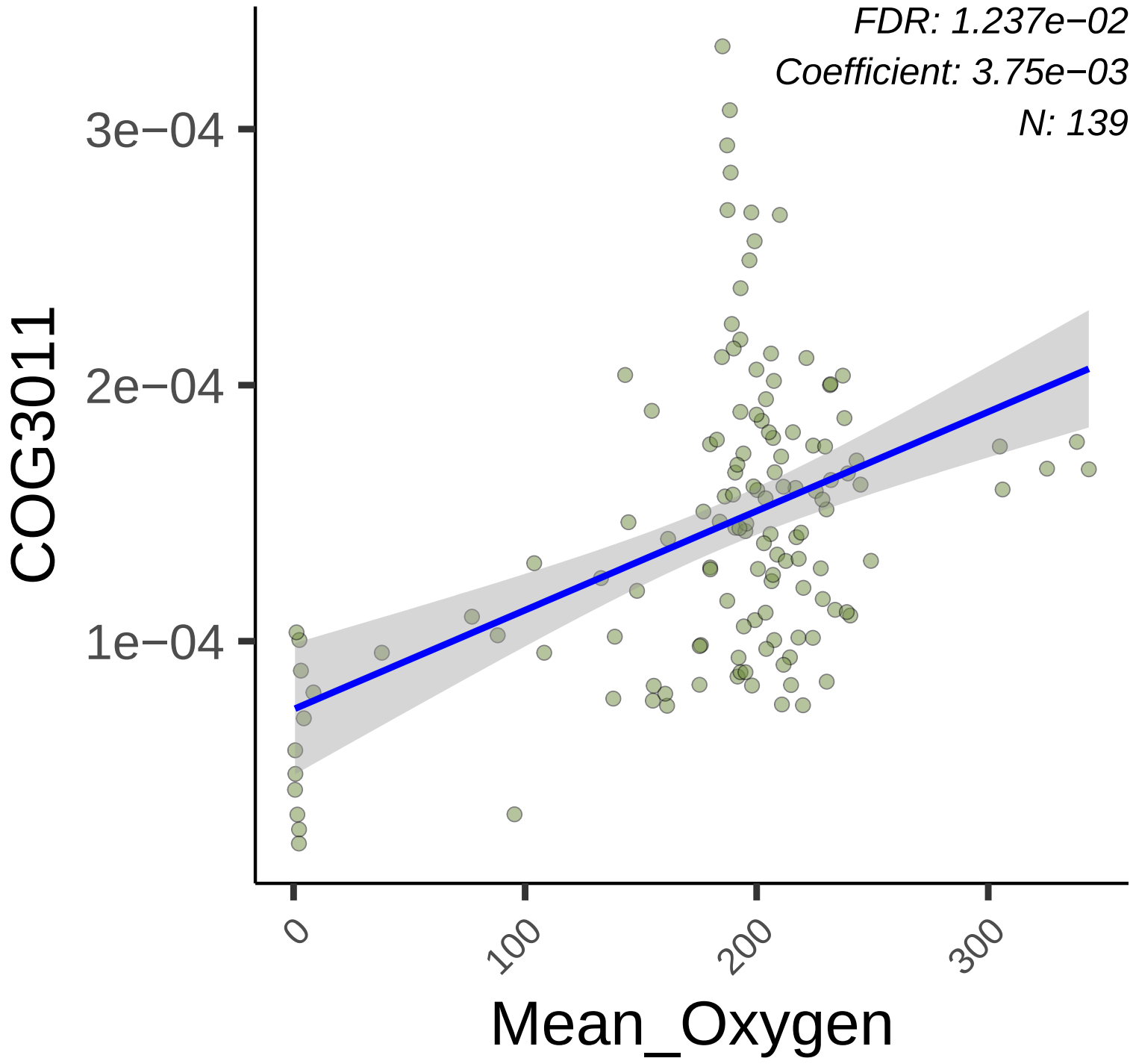
200
300
Mean_Oxygen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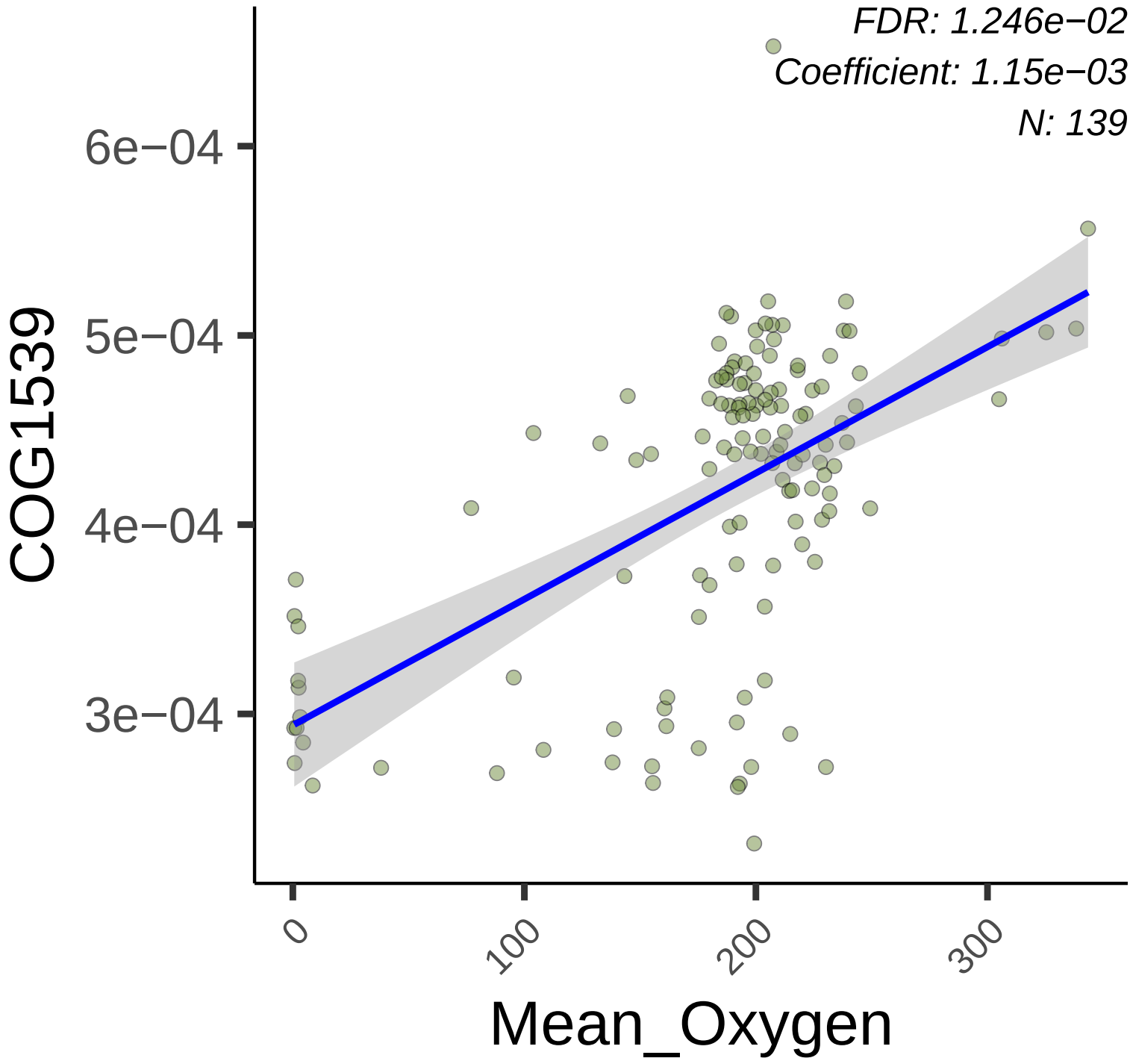
200
300
Mean_Oxygen


FDR: 1.246e−02
Coefficient: 1.15e−03
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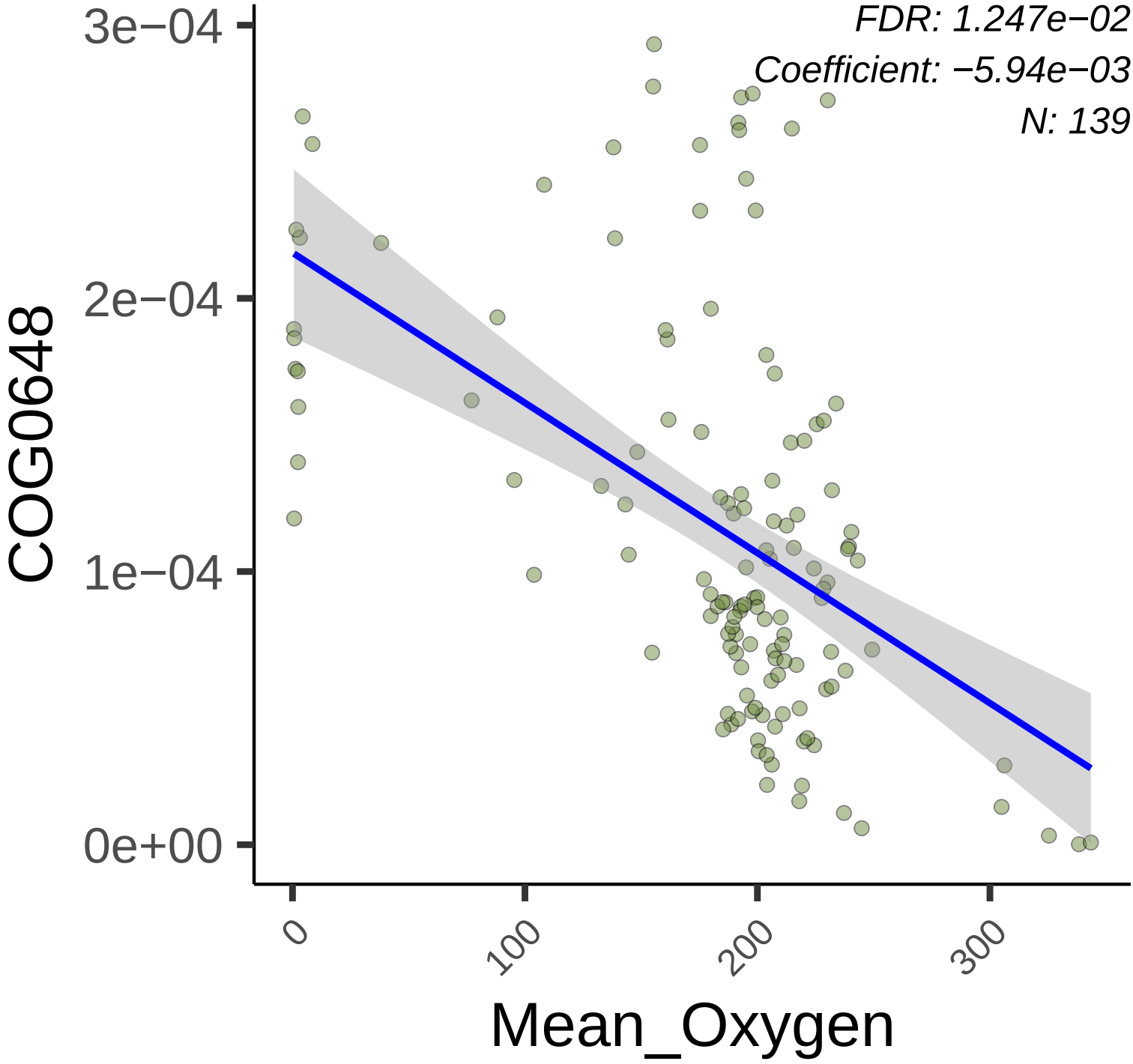
200
300
Mean_Oxygen


FDR: 1.247e−02
Coefficient: −5.94e−03
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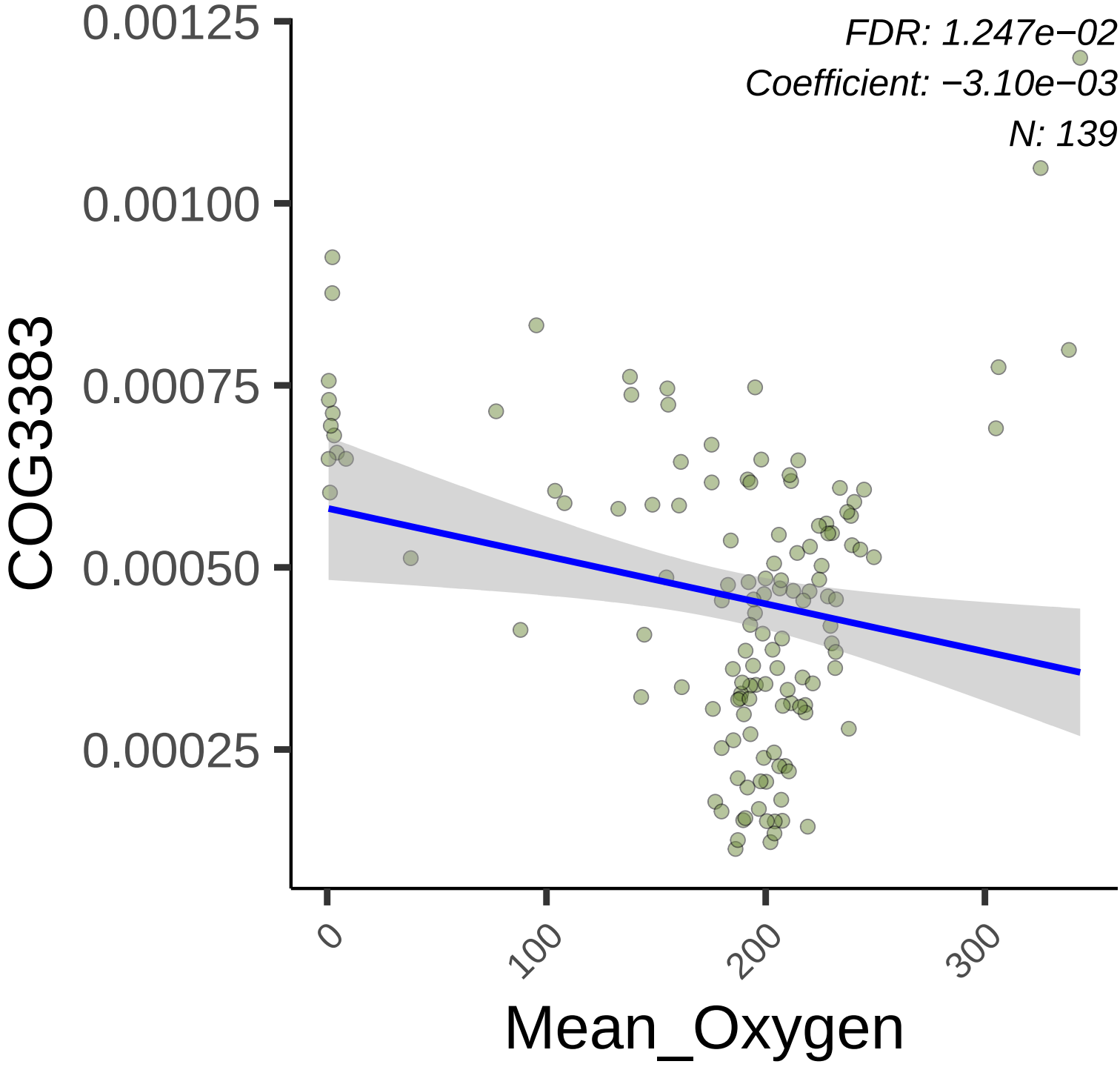
Mean_Oxygen


FDR: 1.247e−02
Coefficient: −3.10e−03
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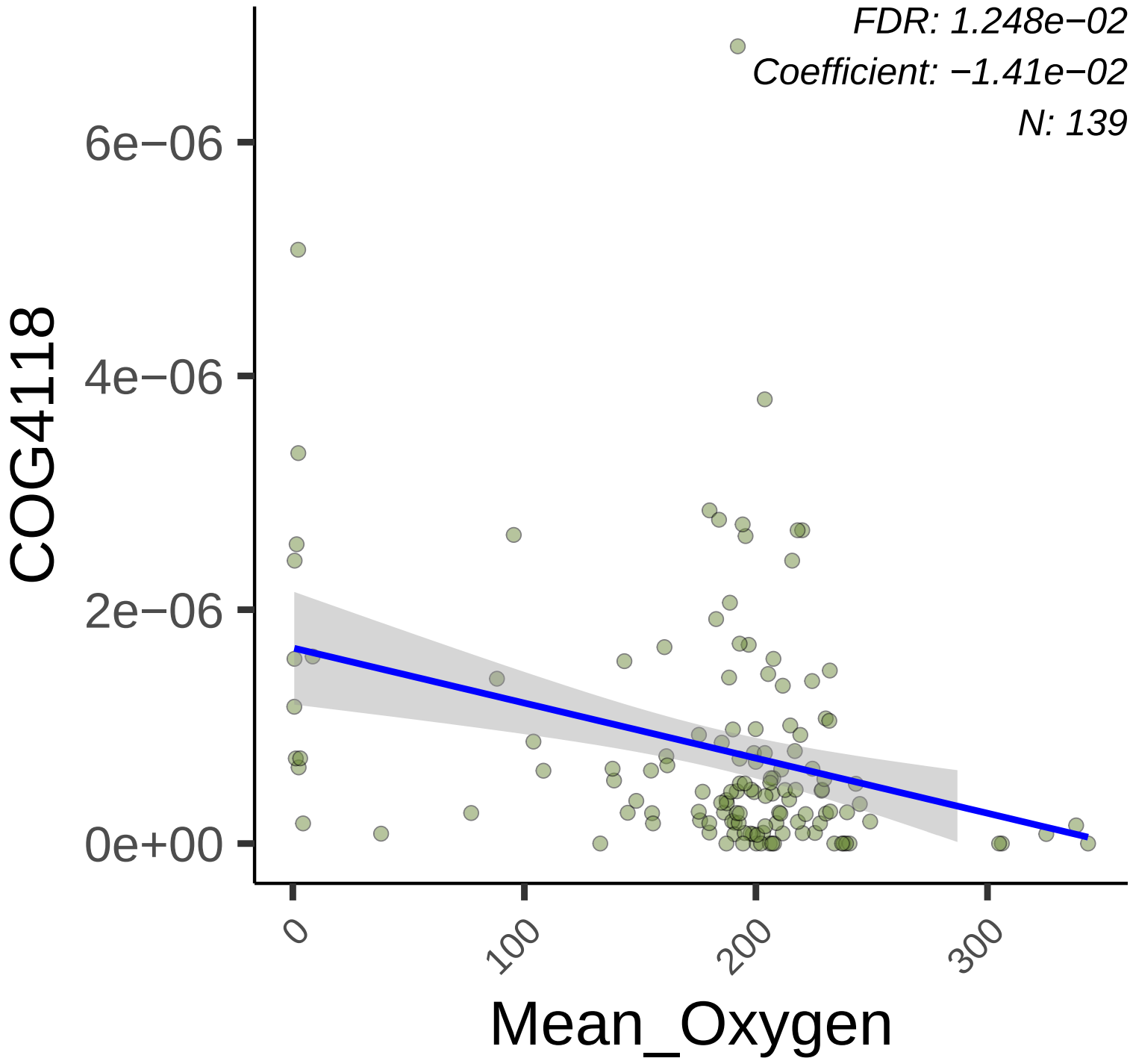
Mean_Oxygen


FDR: 1.248e−02
Coefficient: −1.41e−02
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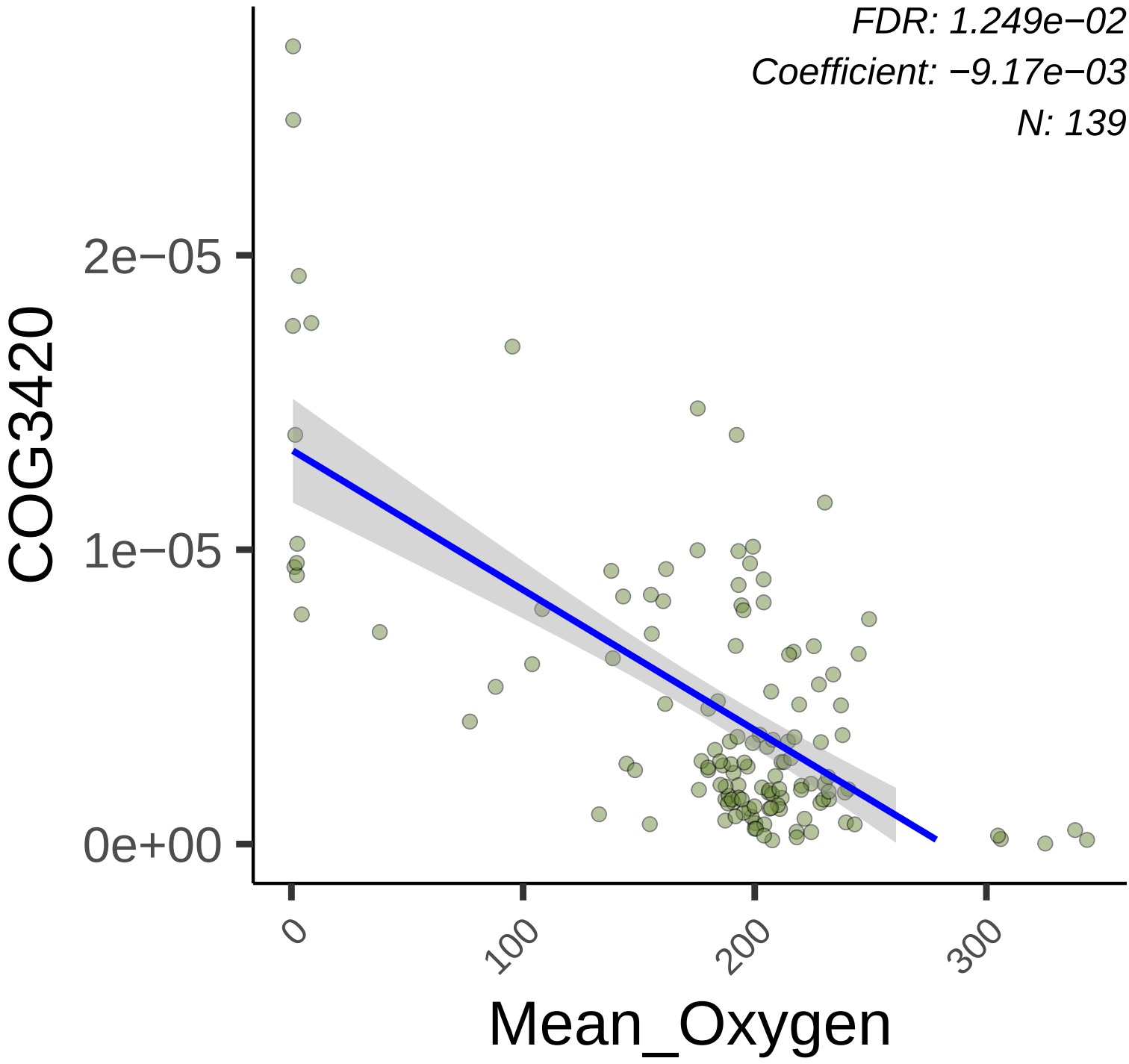
Mean_Oxygen


FDR: 1.249e−02
Coefficient: −9.17e−03
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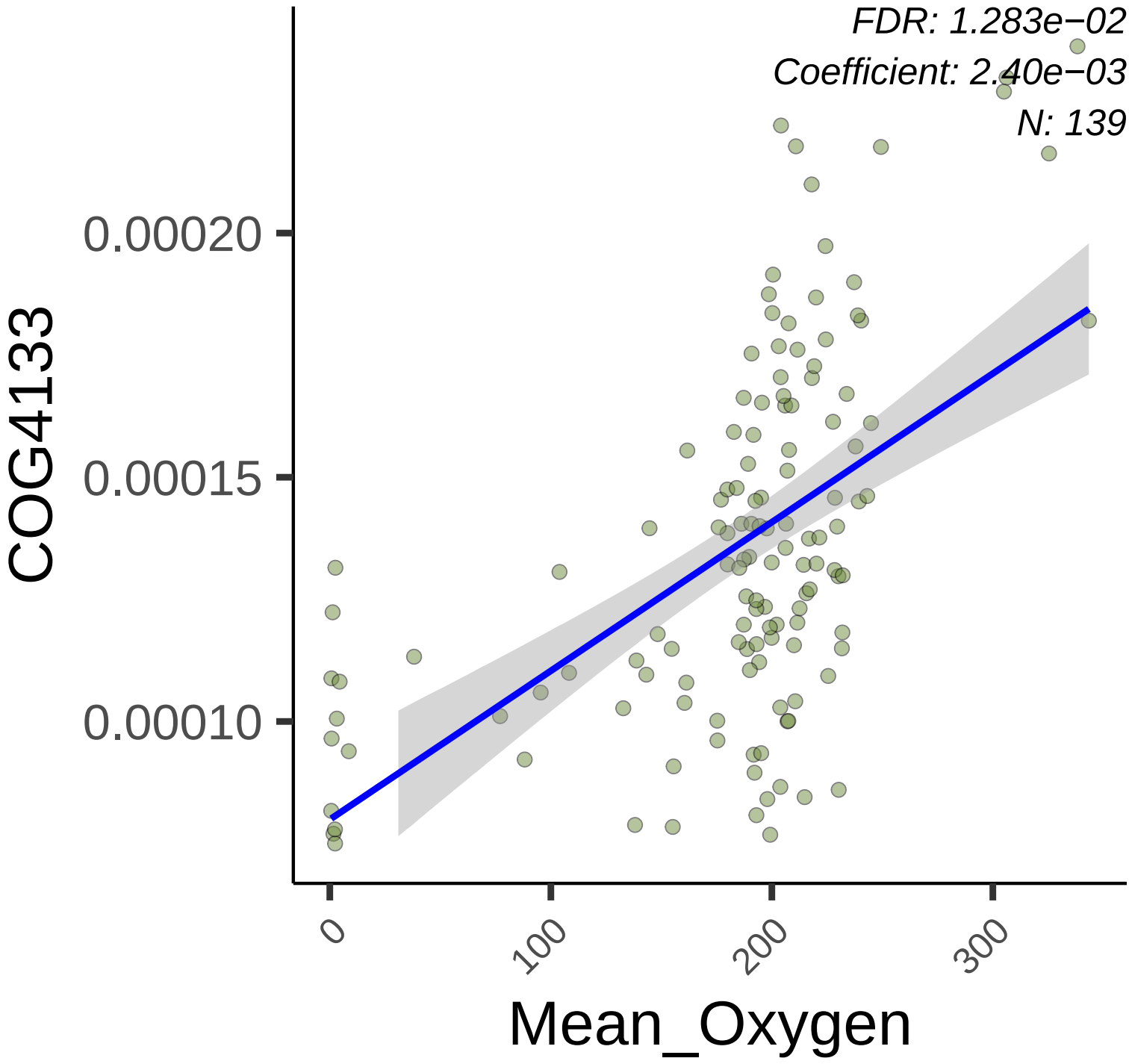
300
Mean_Oxygen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Coefficient: 2.40e−03
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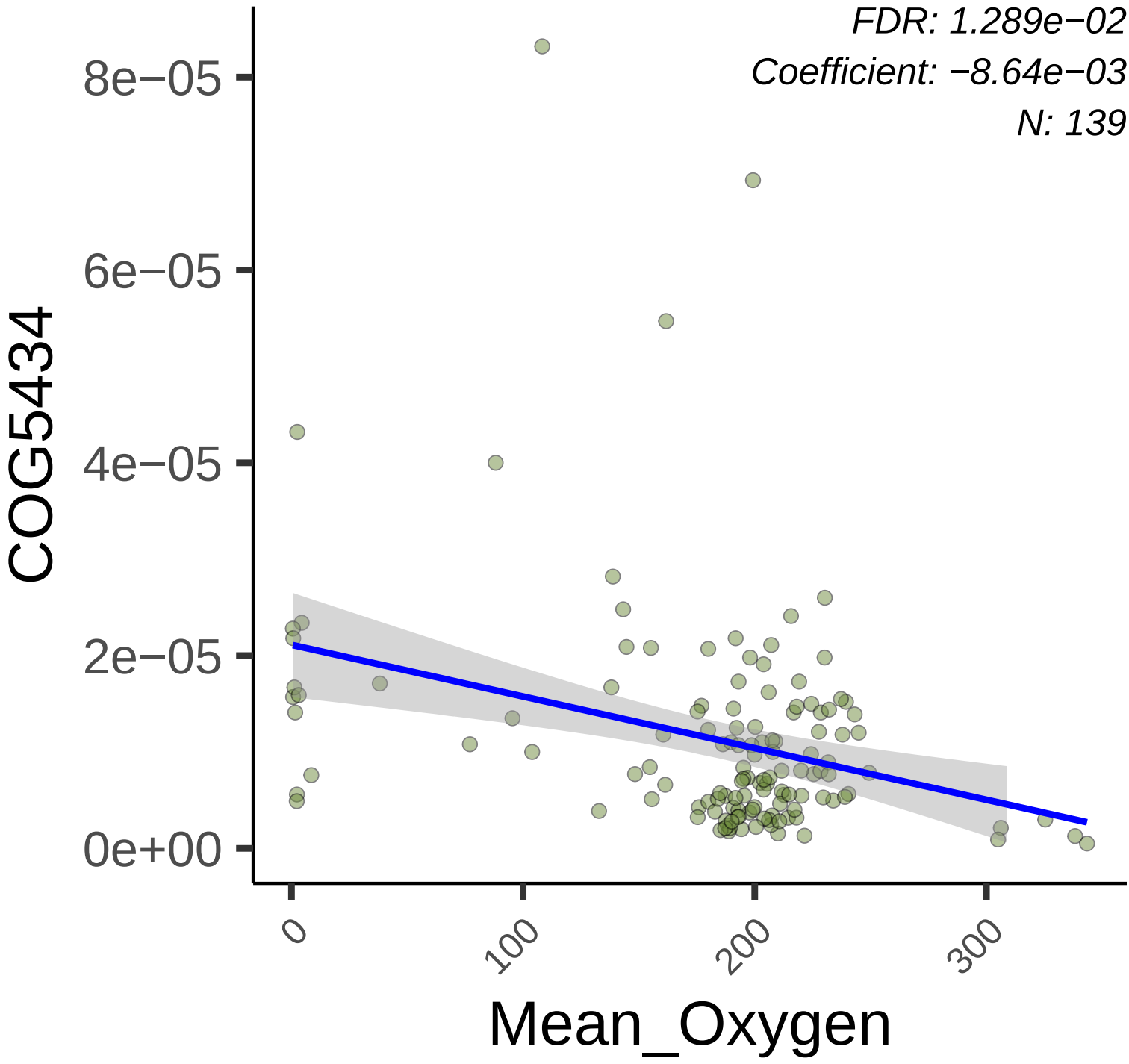
200
300
Mean_Oxygen


FDR: 1.289e−02
Coefficient: −8.64e−03
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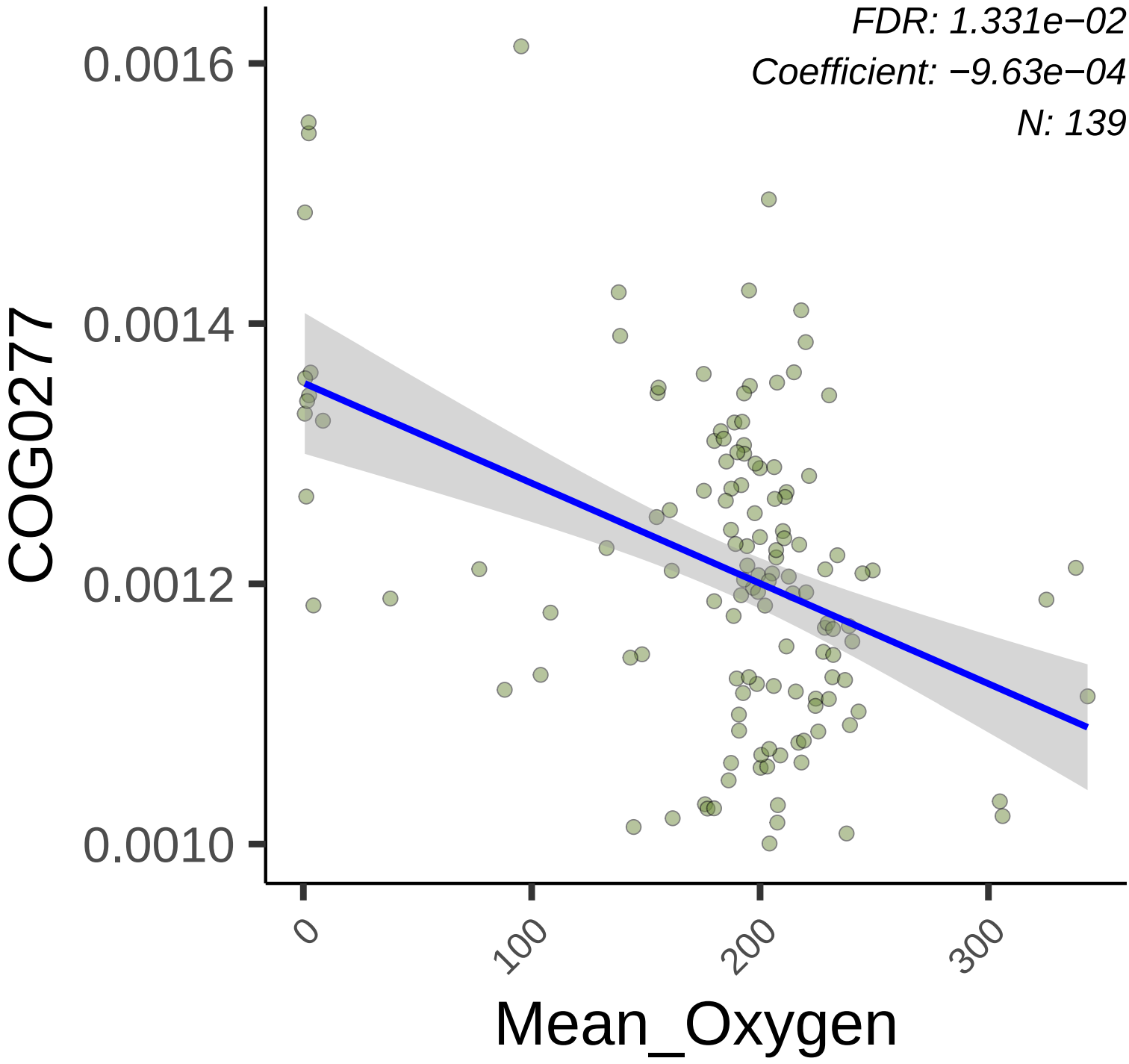
200
300
Mean_Oxygen


FDR: 1.331e−02
Coefficient: −9.63e−04
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0.0012
0.0010
COG0277
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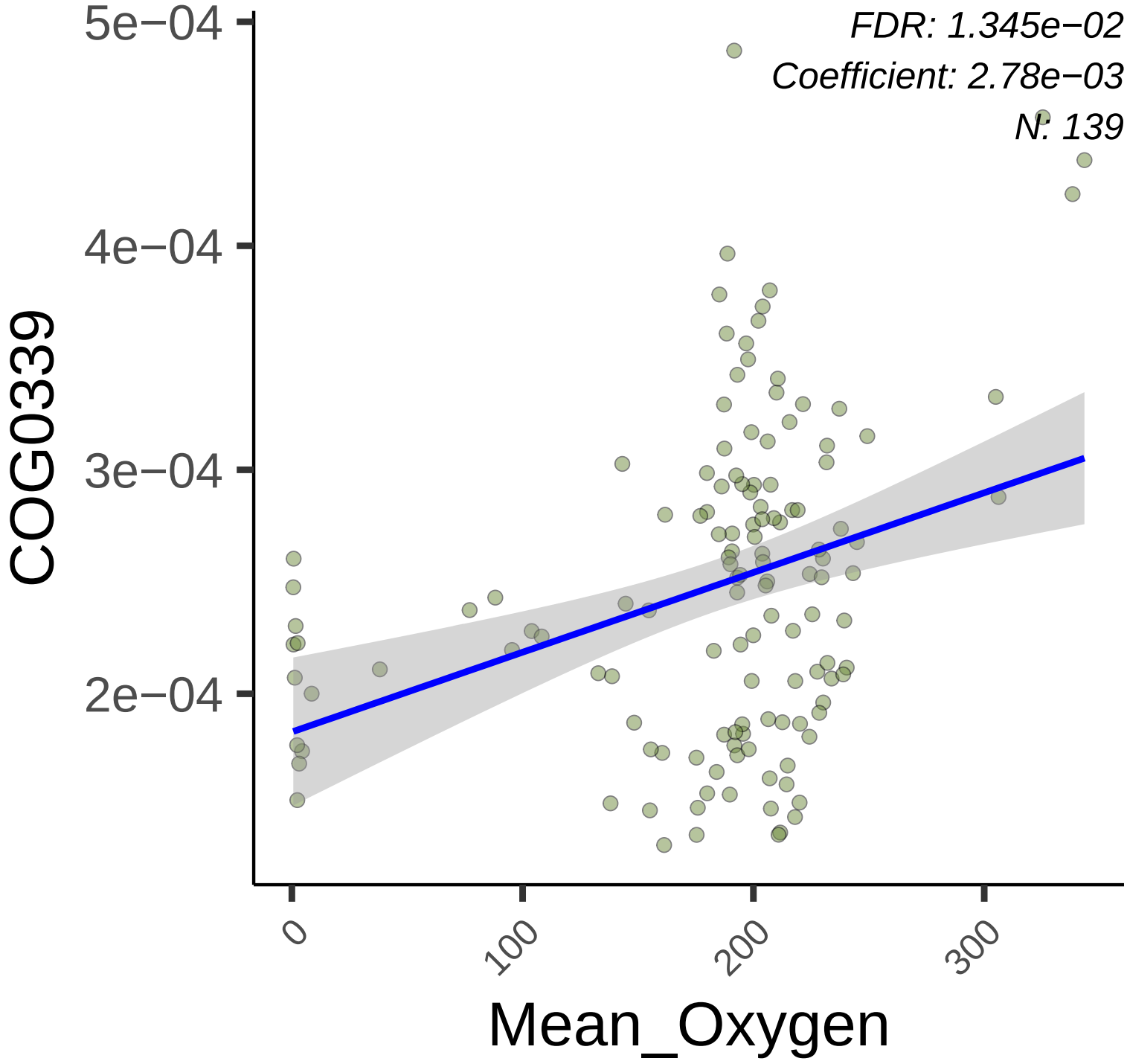
300
Mean_Oxygen


FDR: 1.345e−02
Coefficient: 2.78e−03
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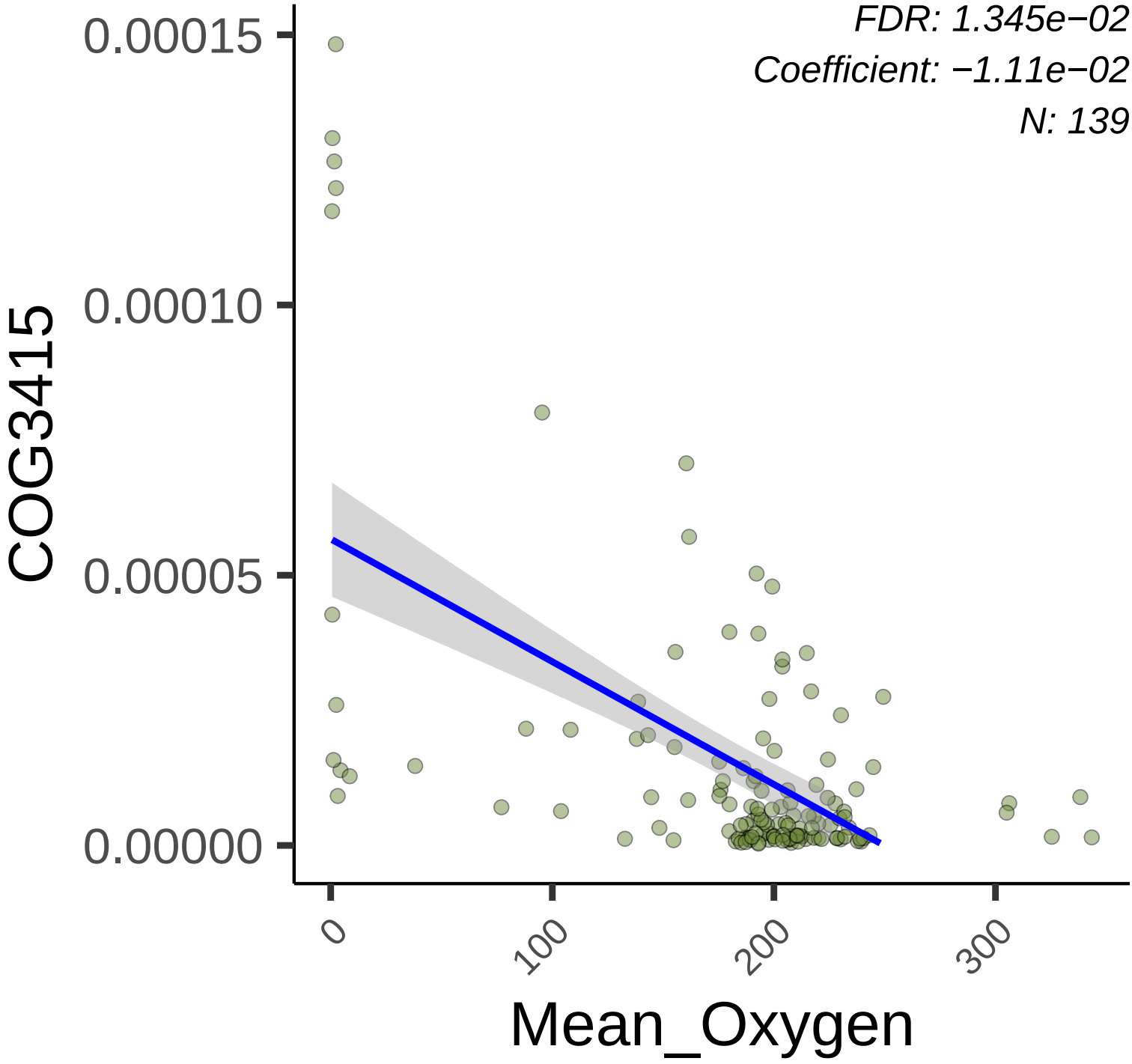
300
Mean_Oxygen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Coefficient: −1.11e−02
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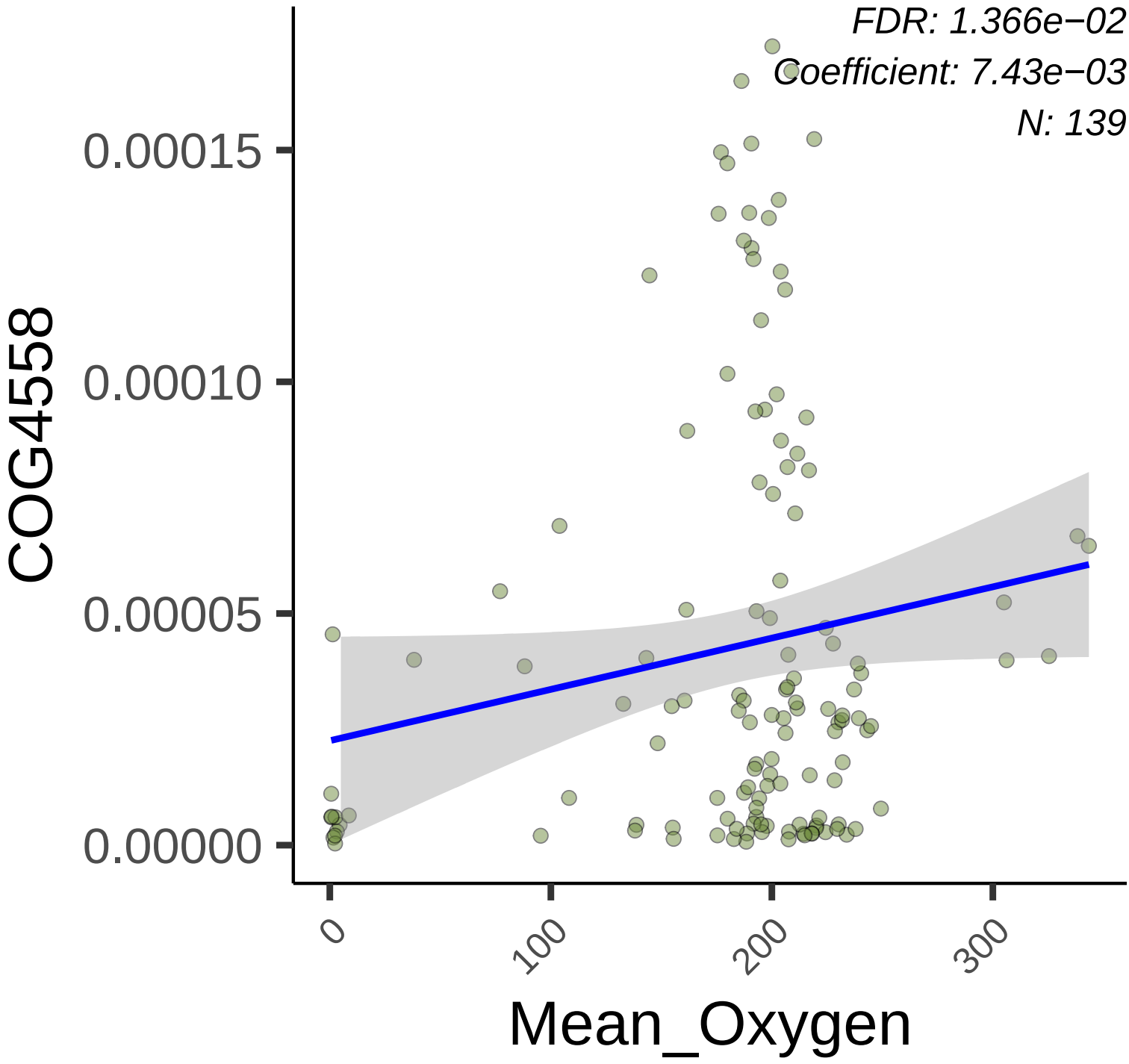
Mean_Oxygen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Coefficient: 7.43e−03
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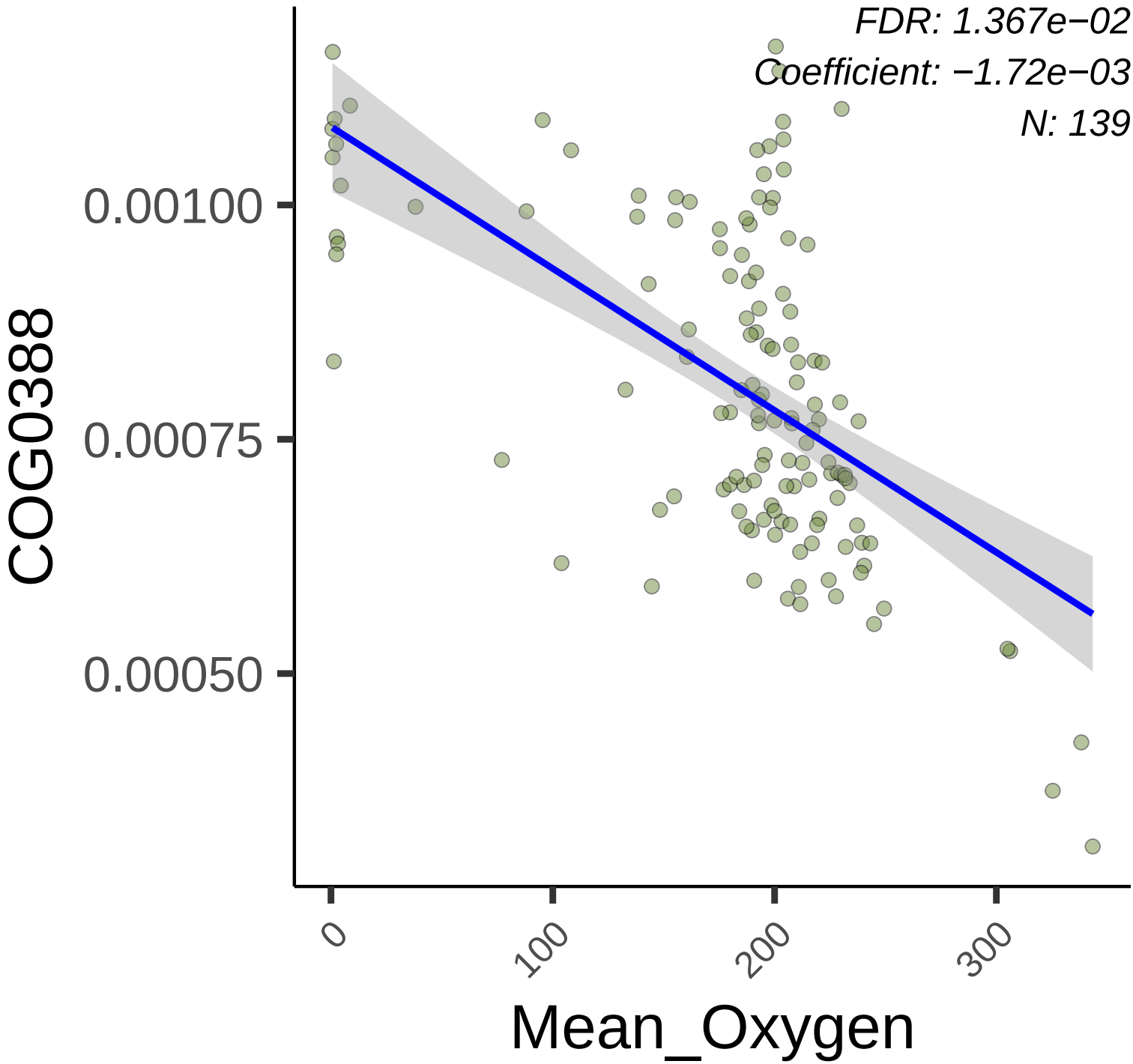
Mean_Oxygen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Coefficient: −1.72e−03
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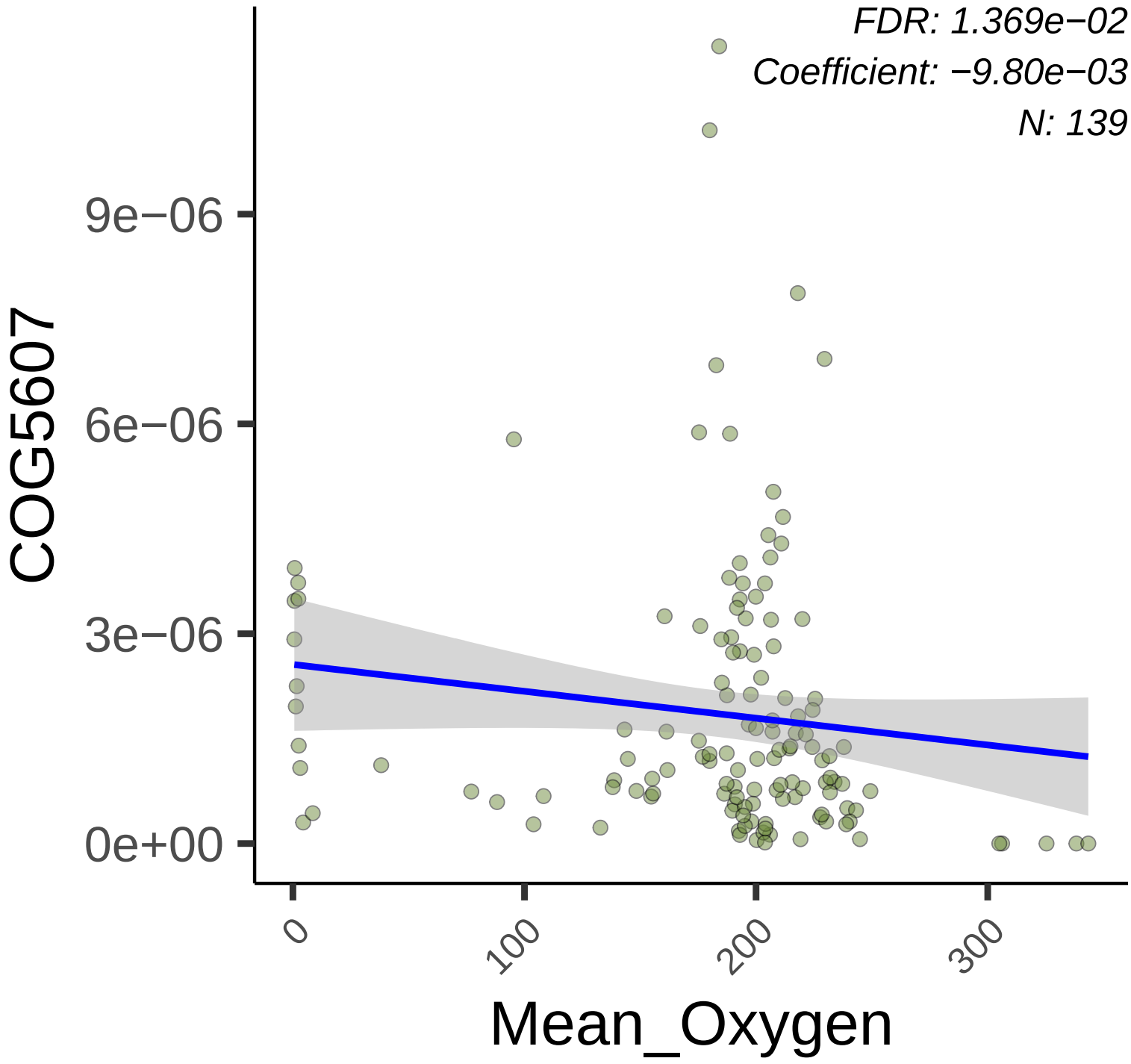
Mean_Oxygen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Coefficient: −9.80e−03
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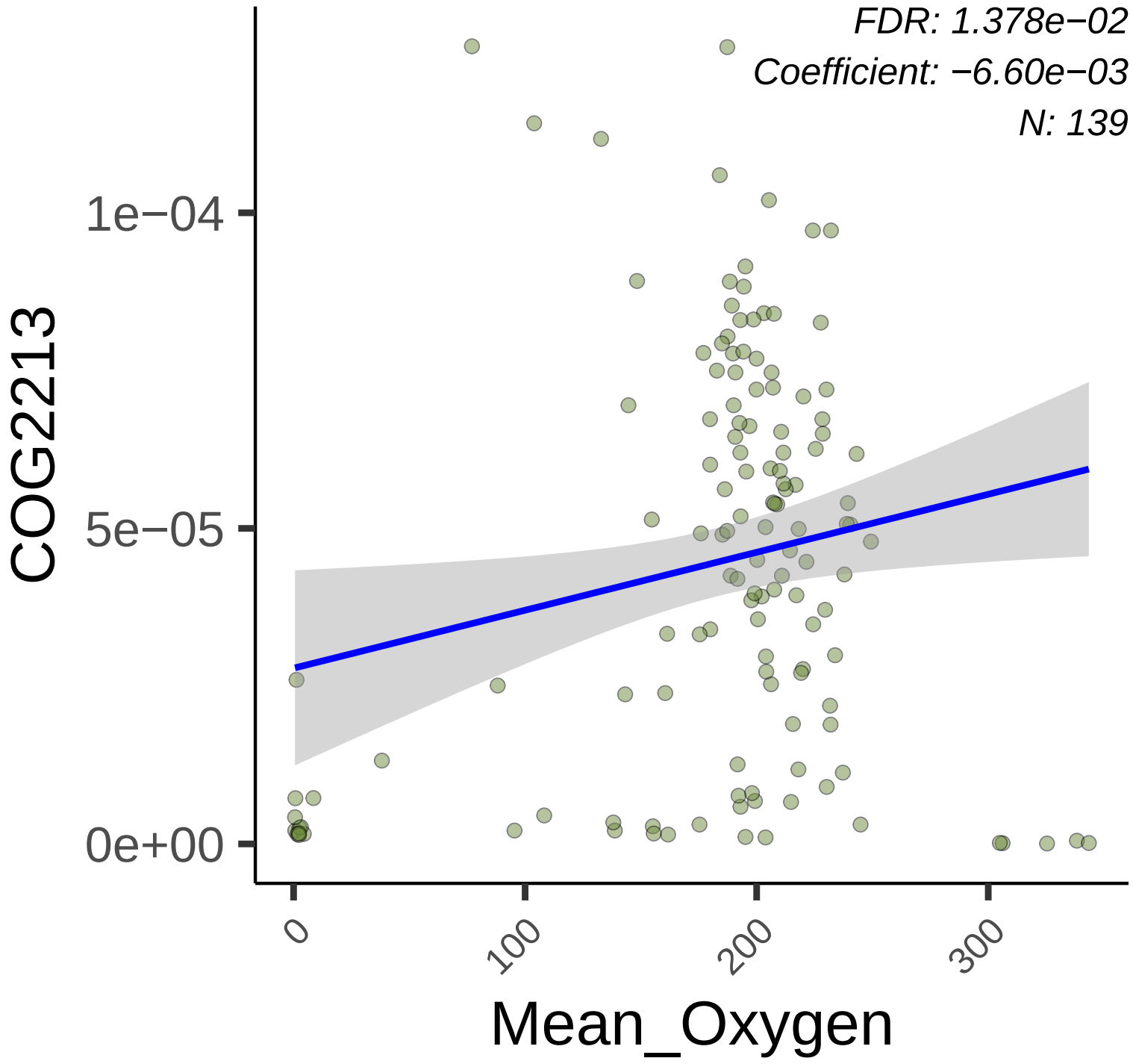
300
Mean_Oxygen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N: 139
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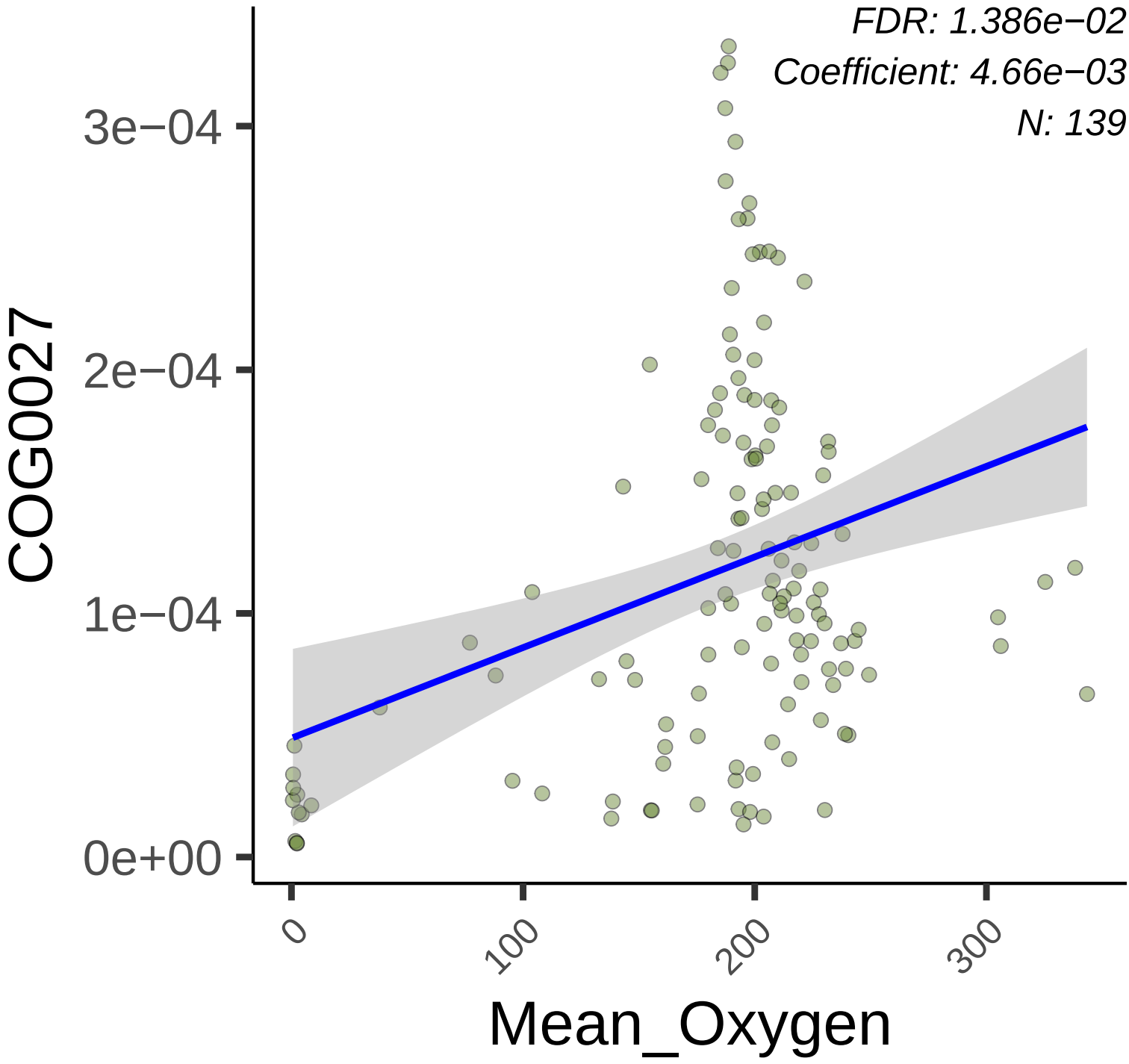
Mean_Oxygen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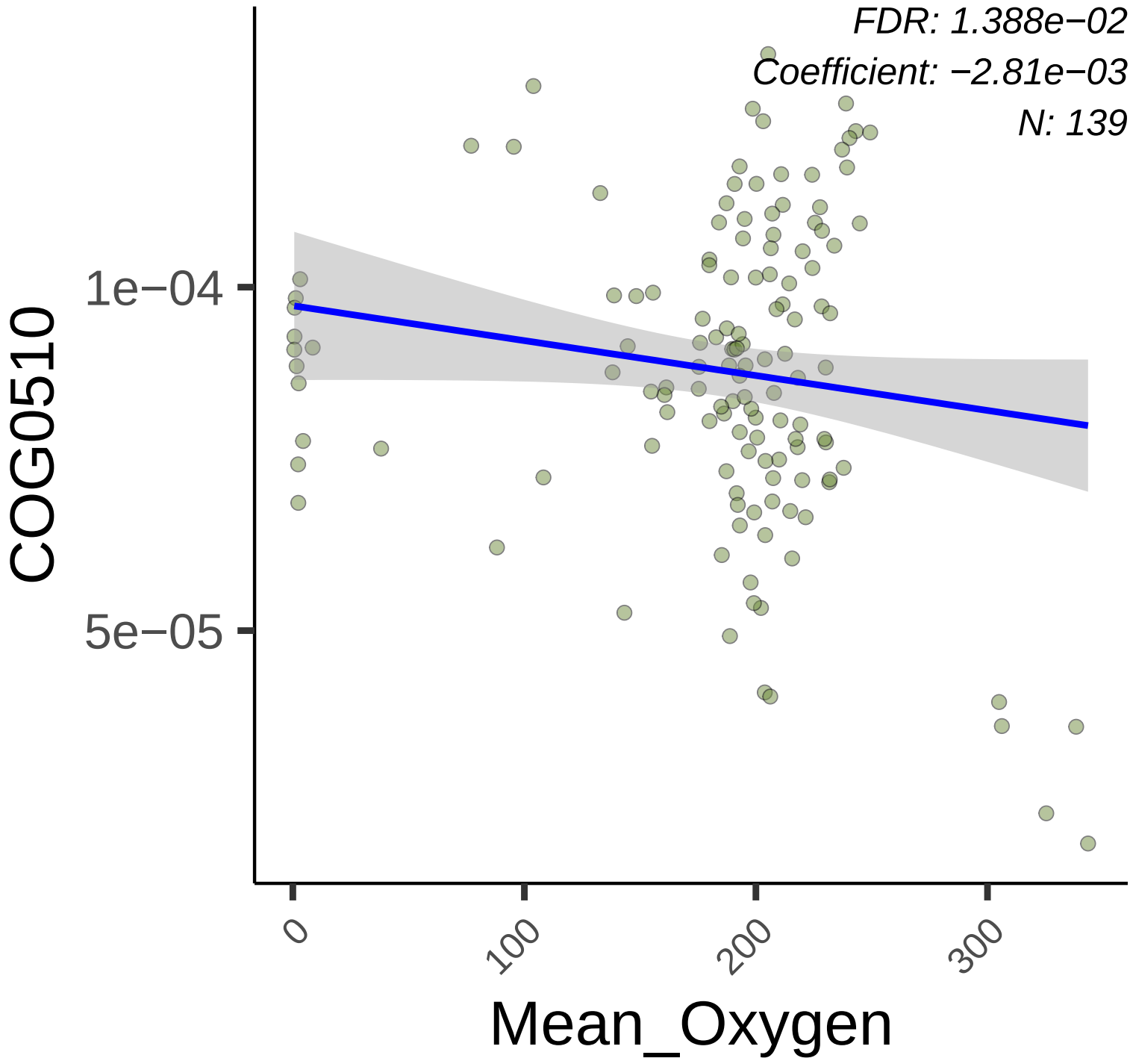
Mean_Oxygen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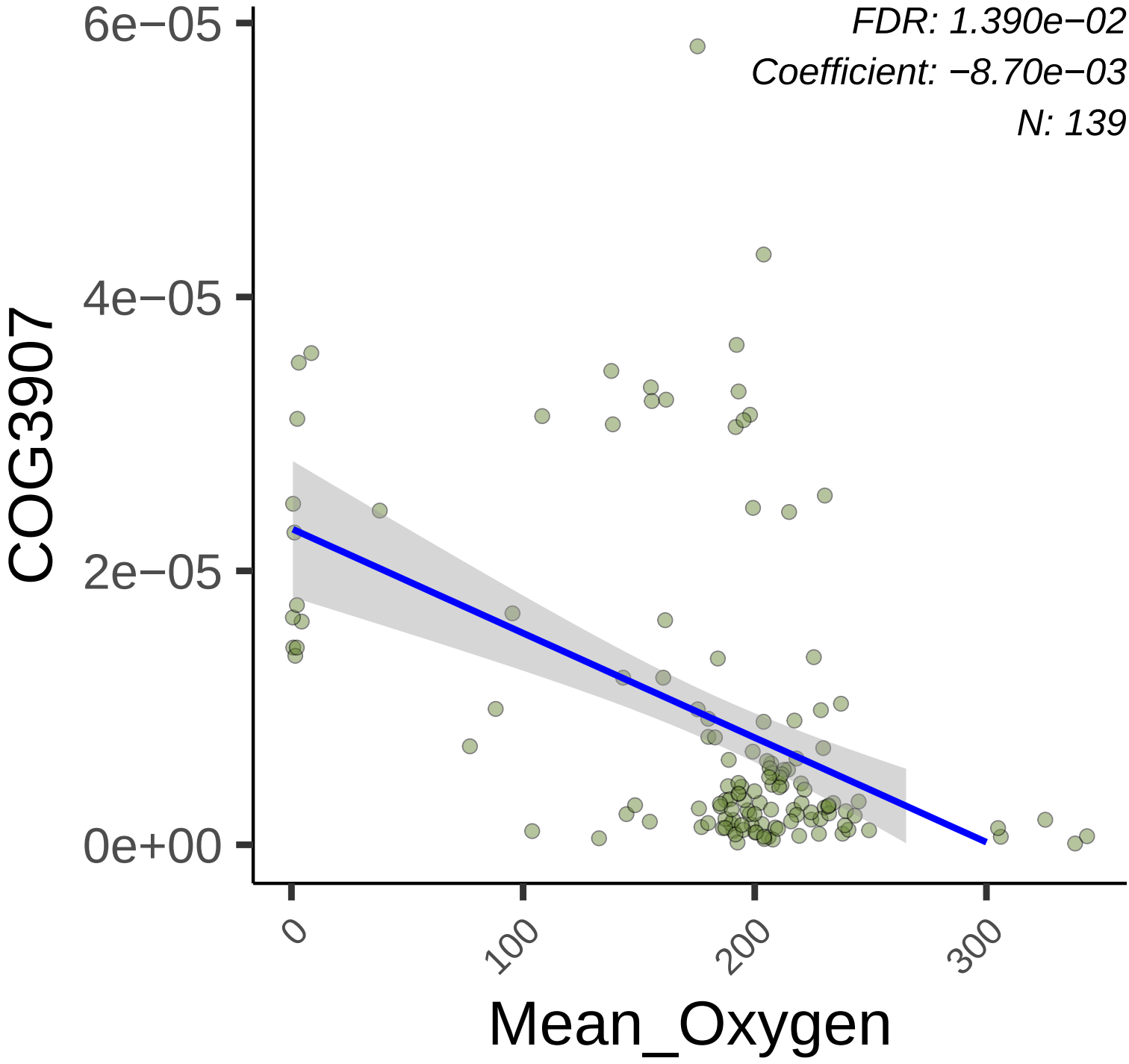
Mean_Oxygen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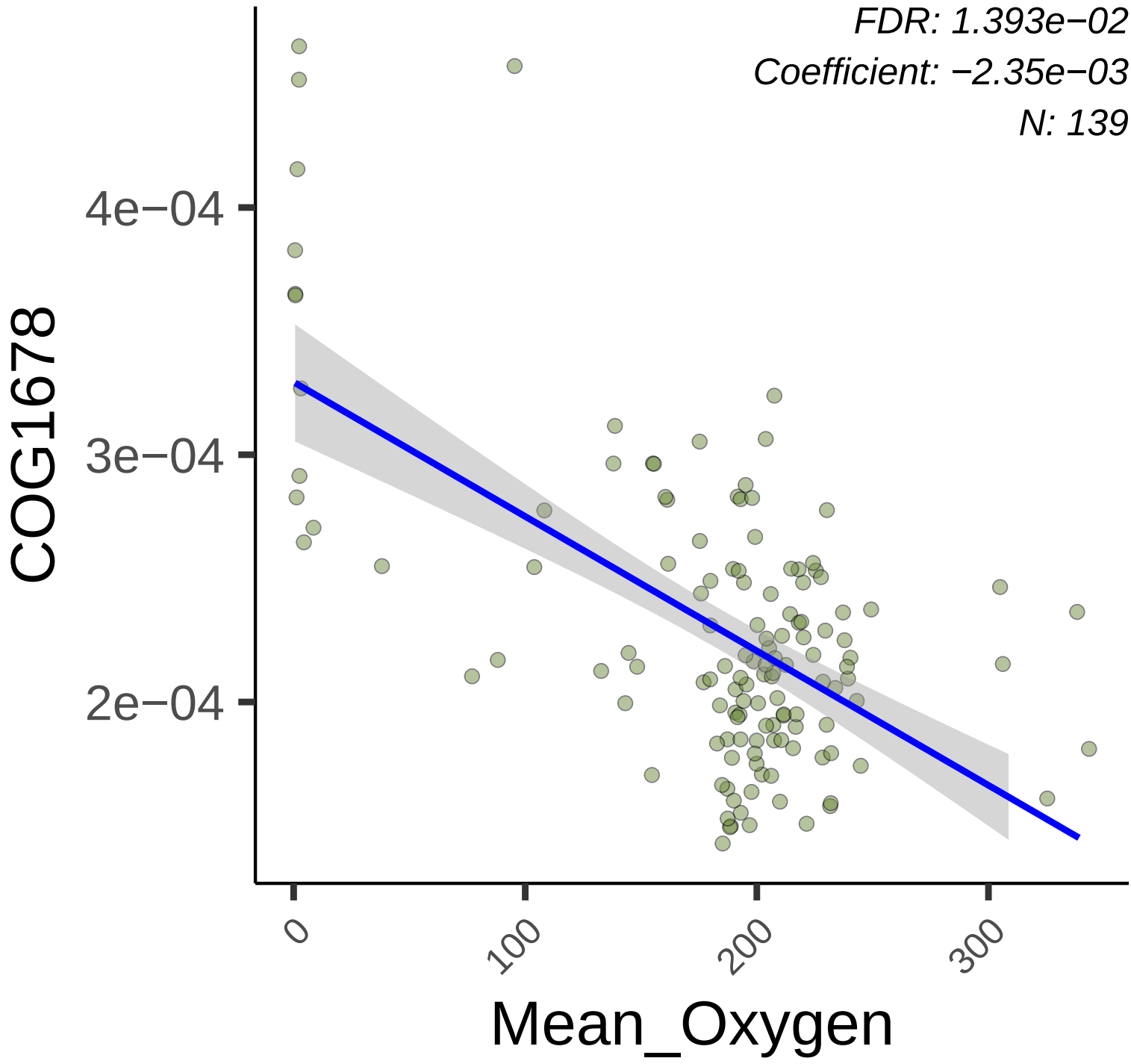
Mean_Oxygen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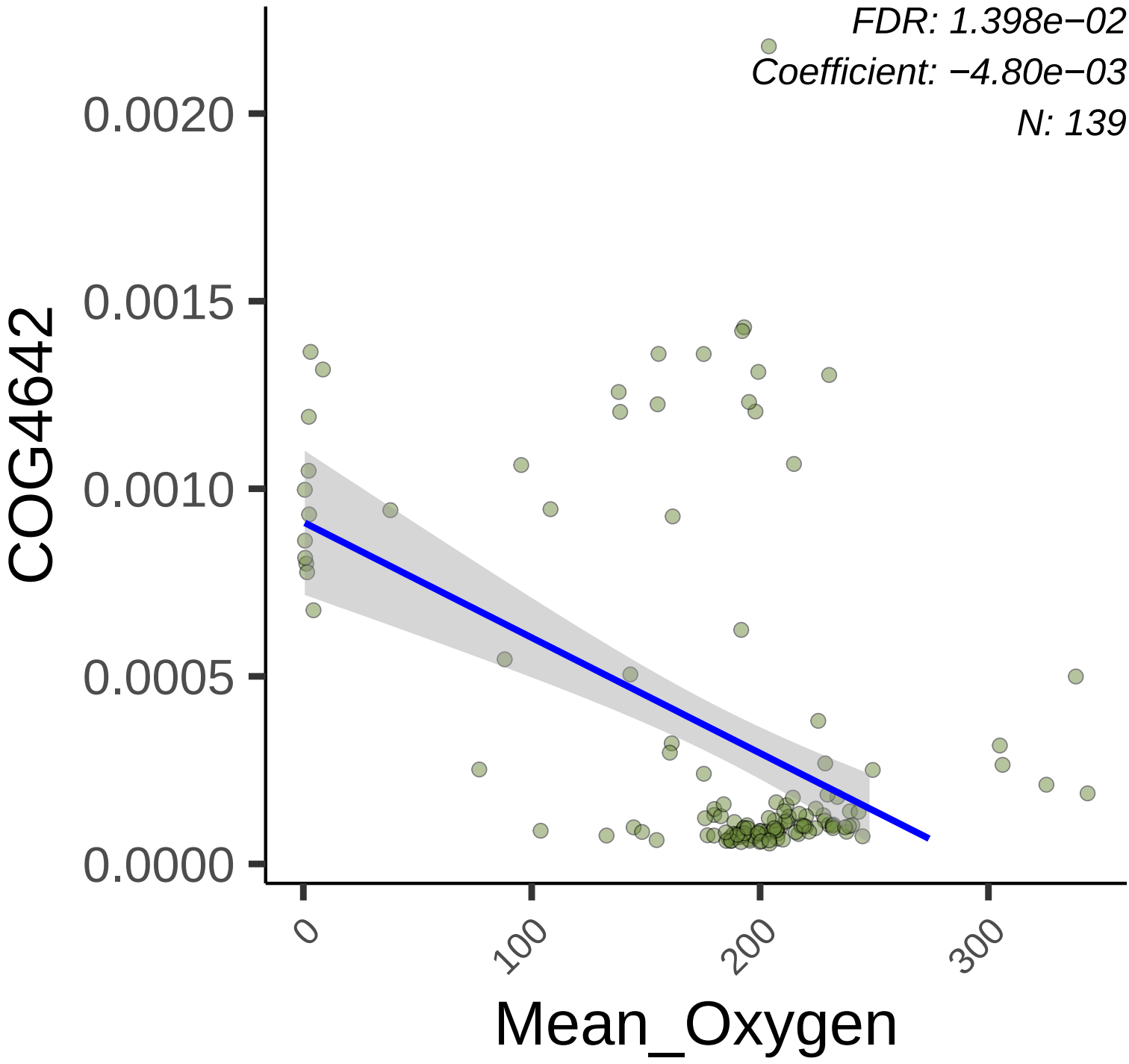
Mean_Oxygen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Coefficient: −4.80e−03
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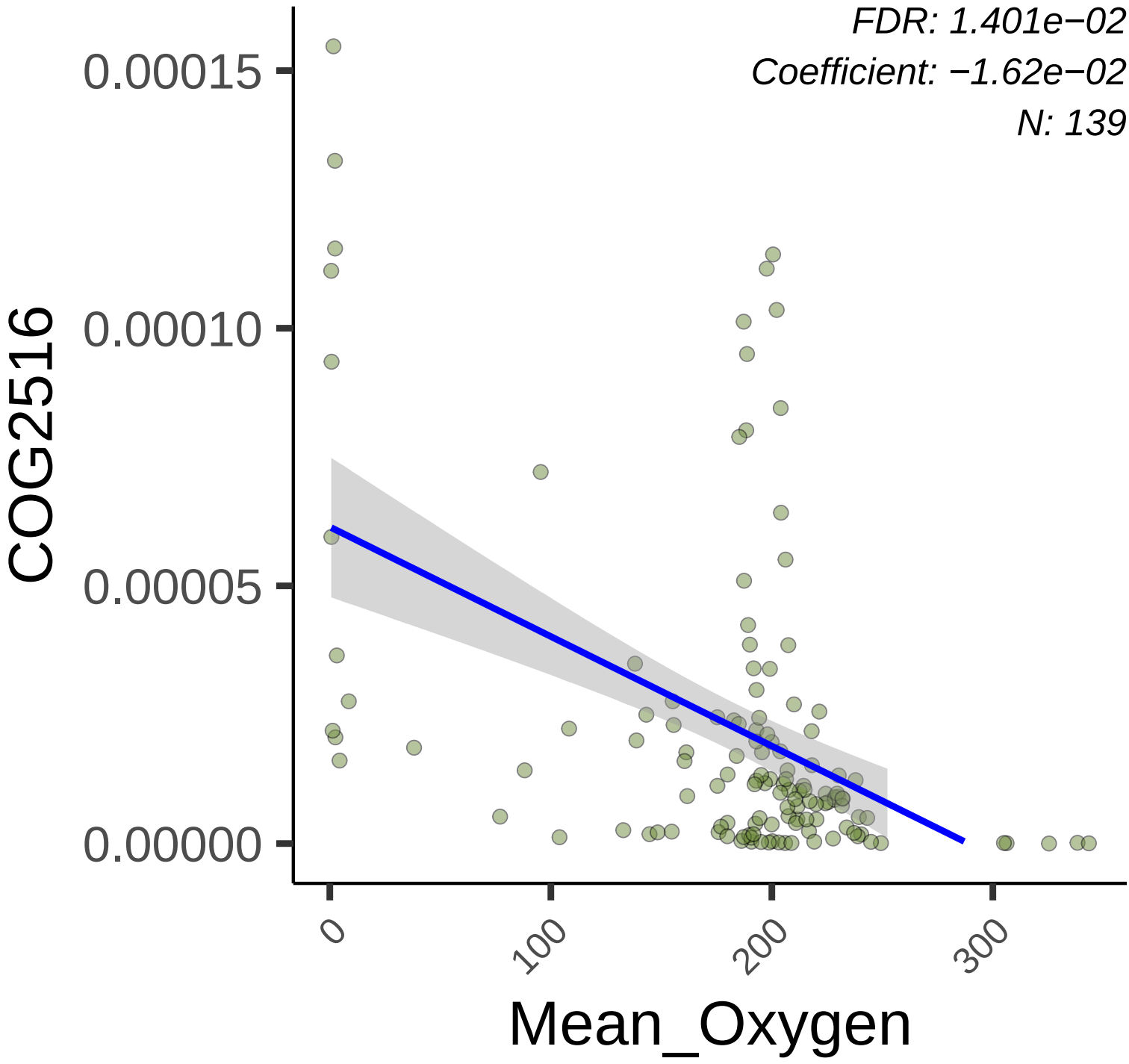
Mean_Oxygen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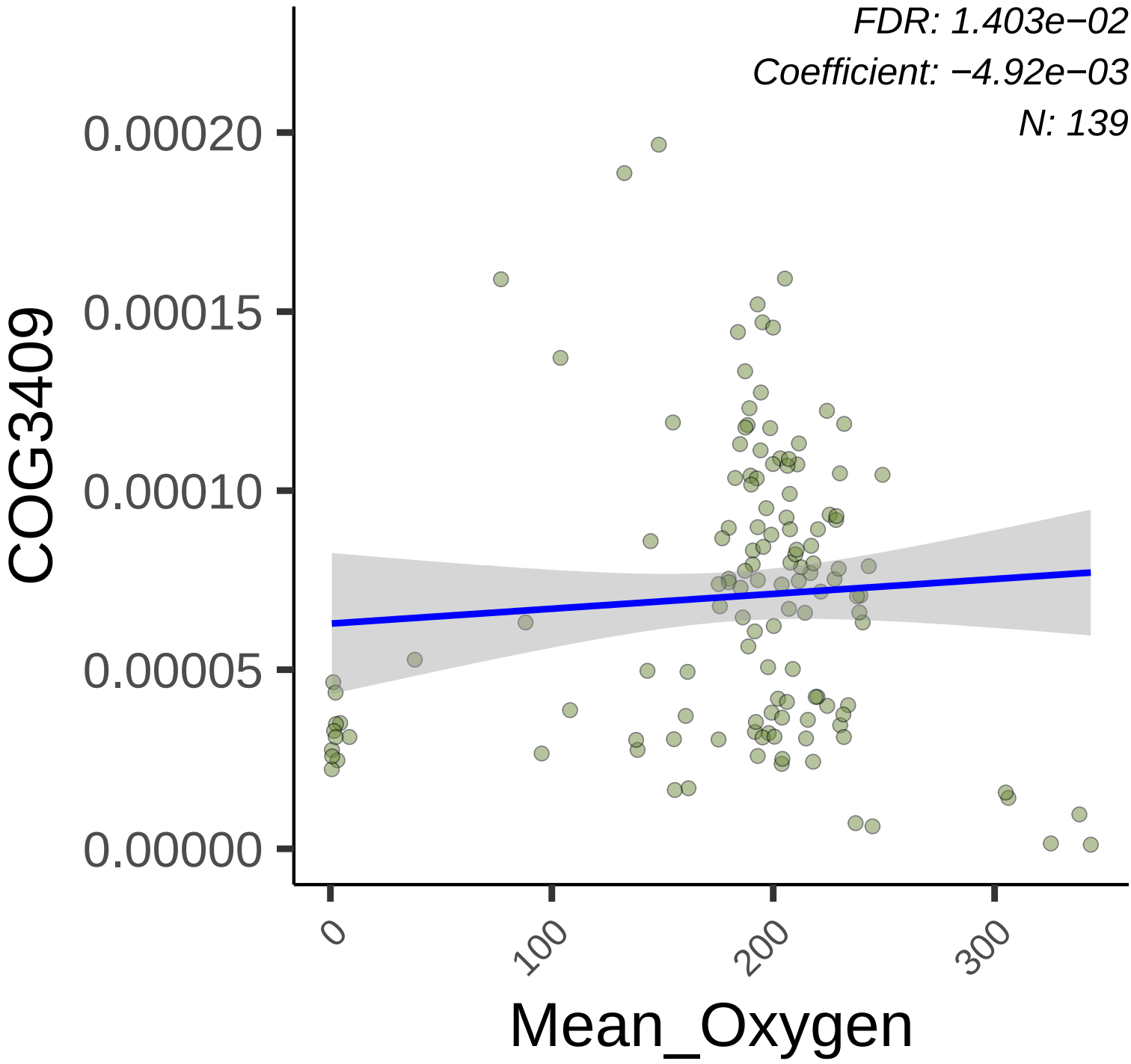
Mean_Oxygen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Coefficient: −4.92e−03
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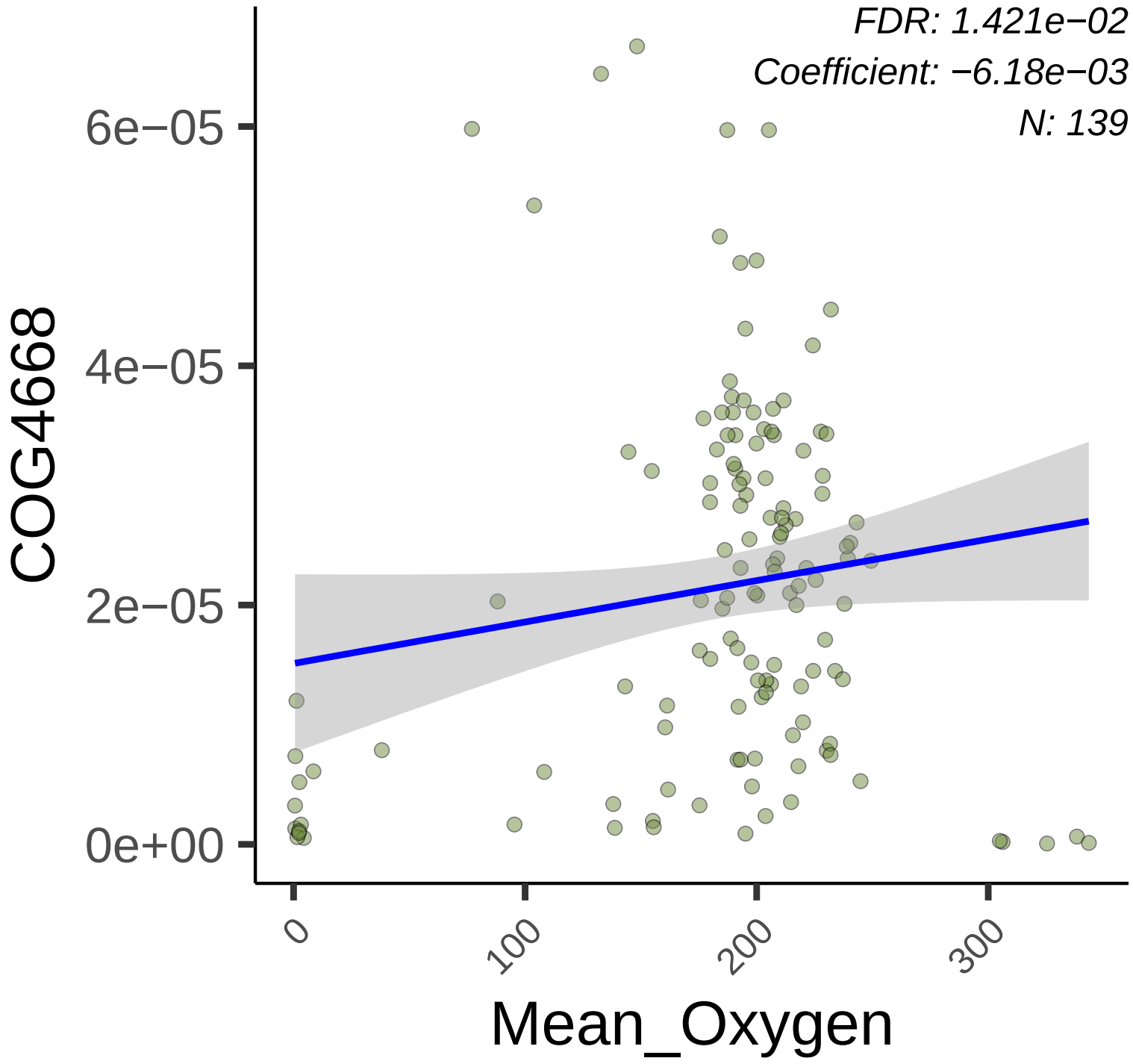
Mean_Oxygen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Coefficient: −6.18e−03
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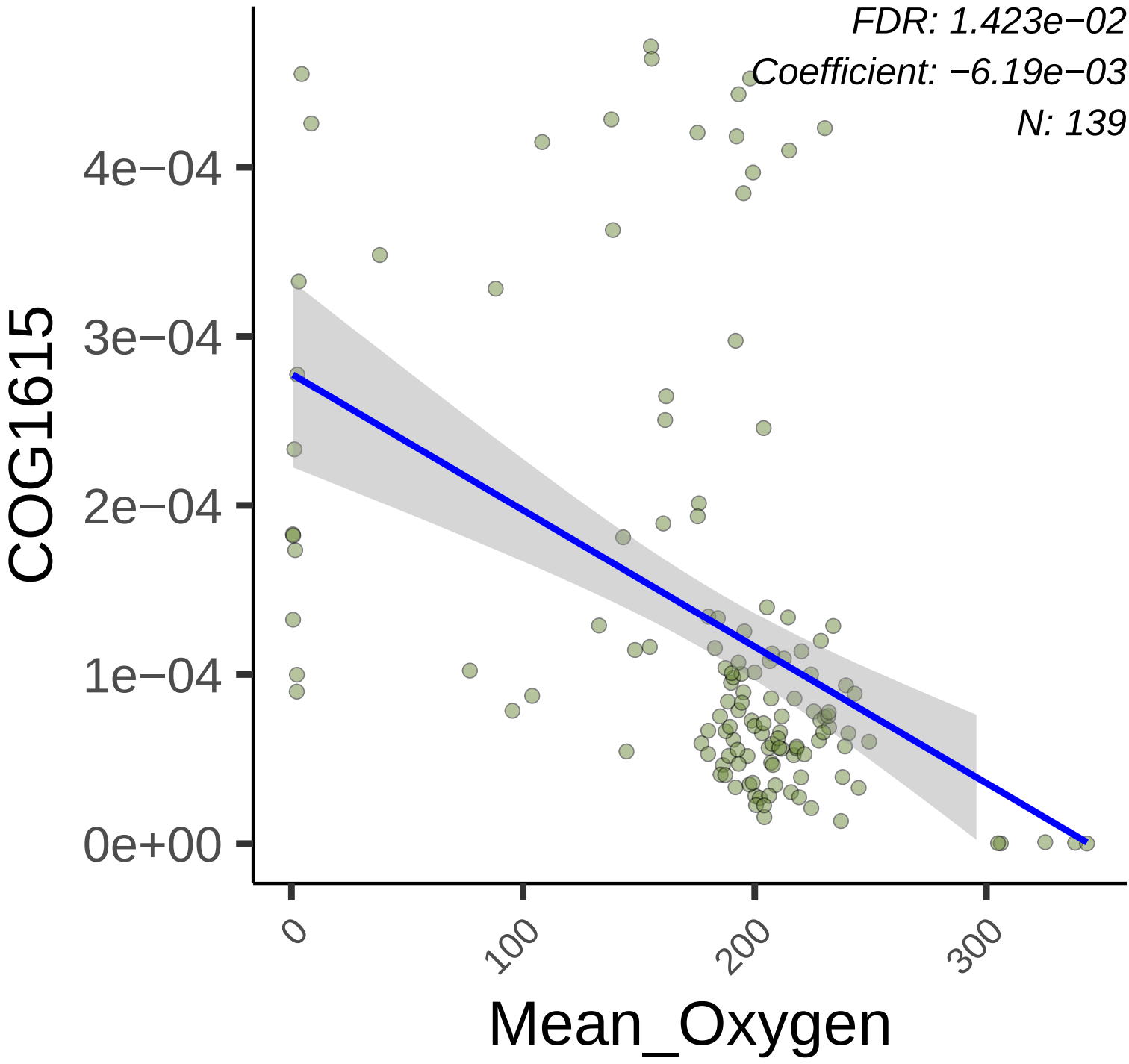
Mean_Oxygen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Coefficient: −6.19e−03
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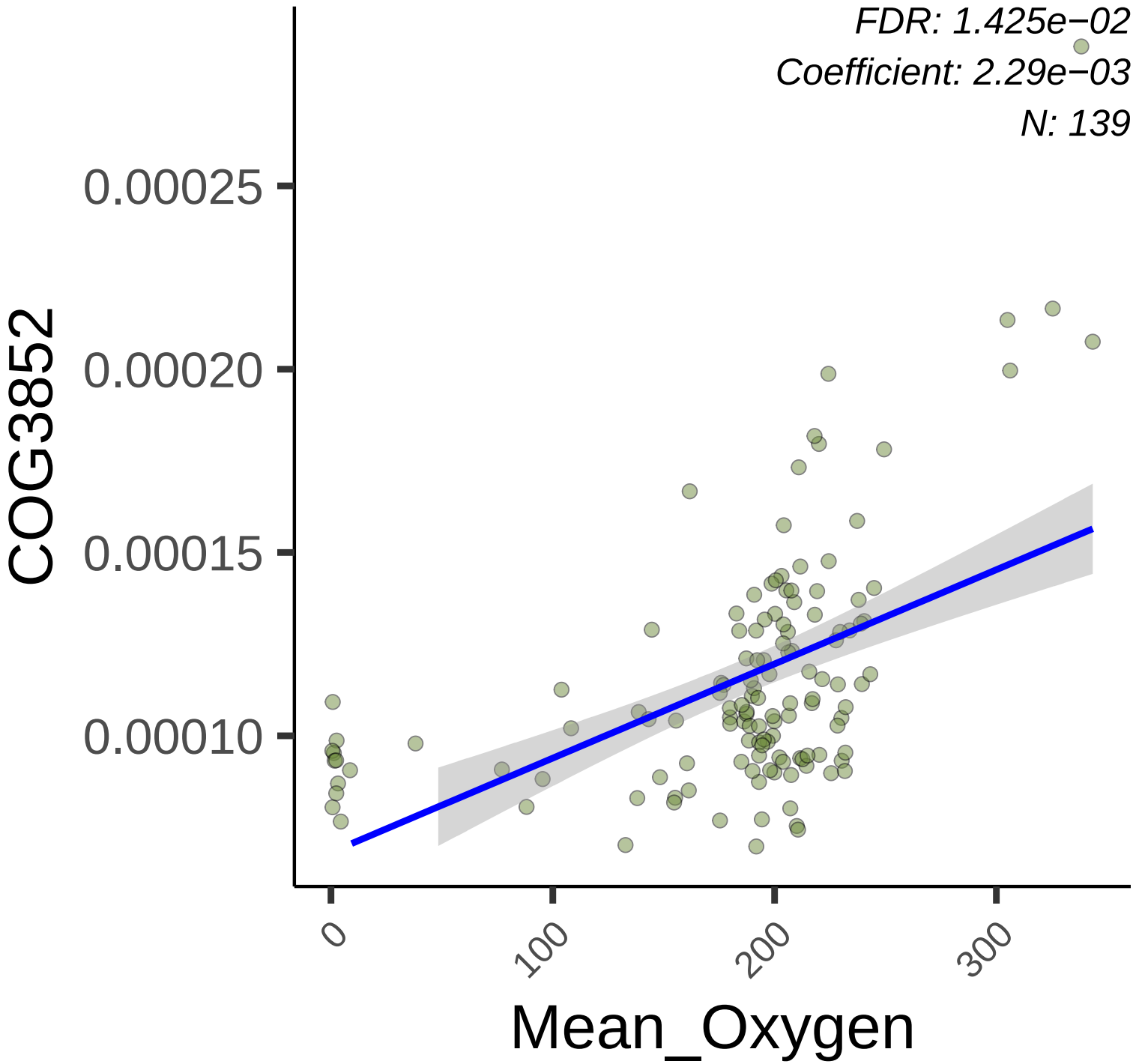
Mean_Oxygen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Coefficient: 2.29e−03
N: 139
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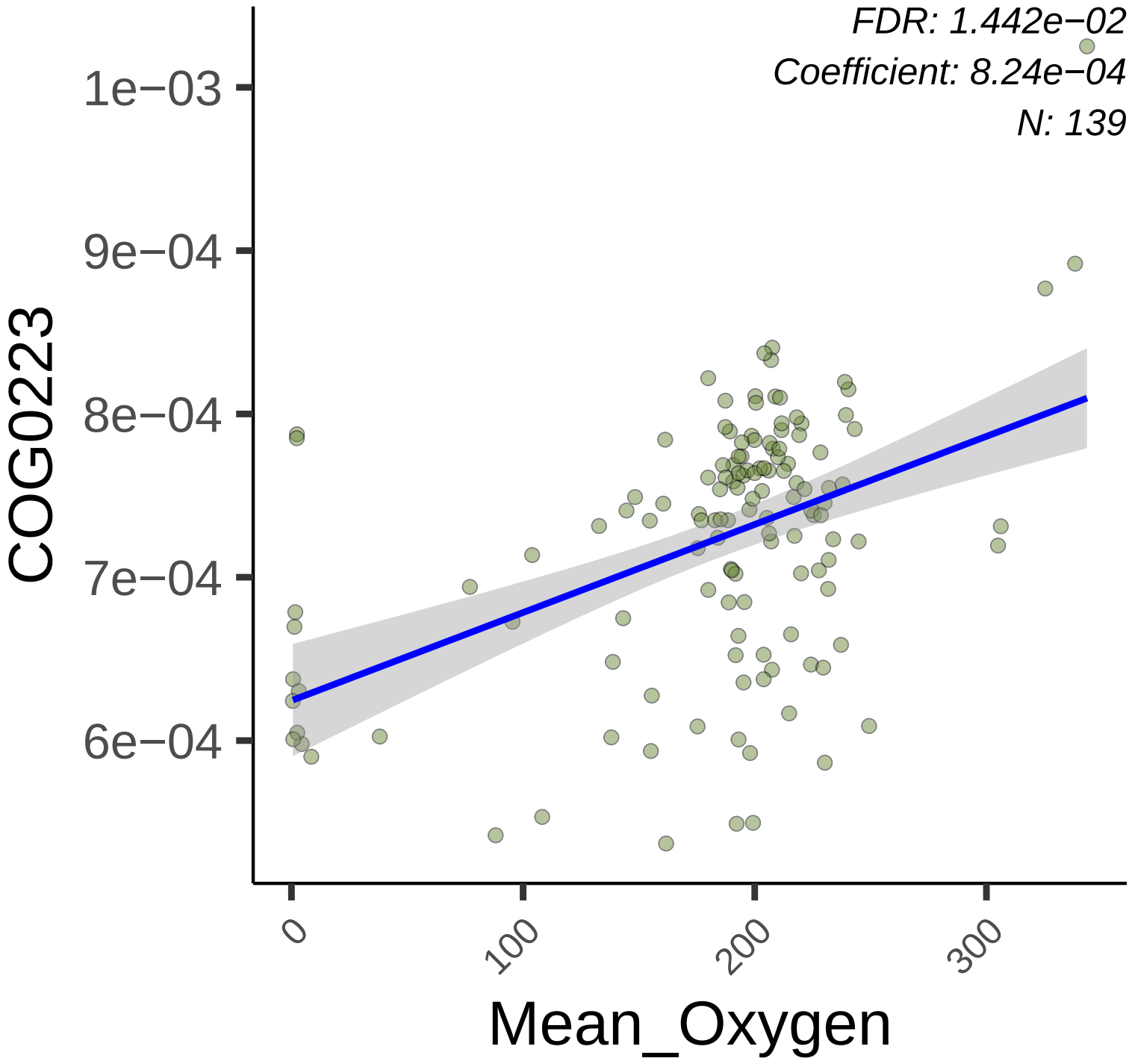
300
Mean_Oxygen


FDR: 1.442e−02
Coefficient: 8.24e−04
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8e−04
7e−04
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COG0223
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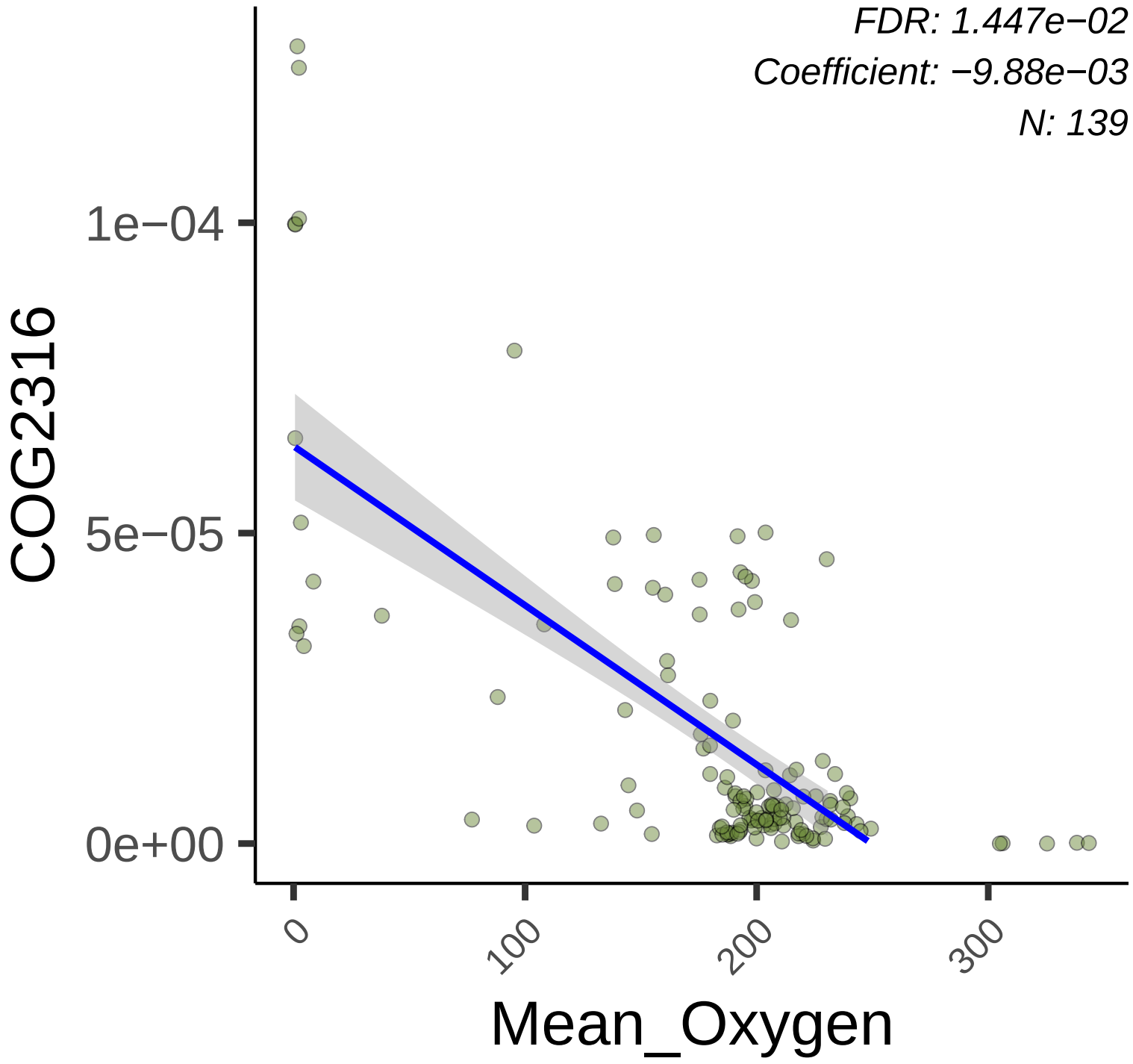
200
300
Mean_Oxygen


FDR: 1.447e−02
Coefficient: −9.88e−03
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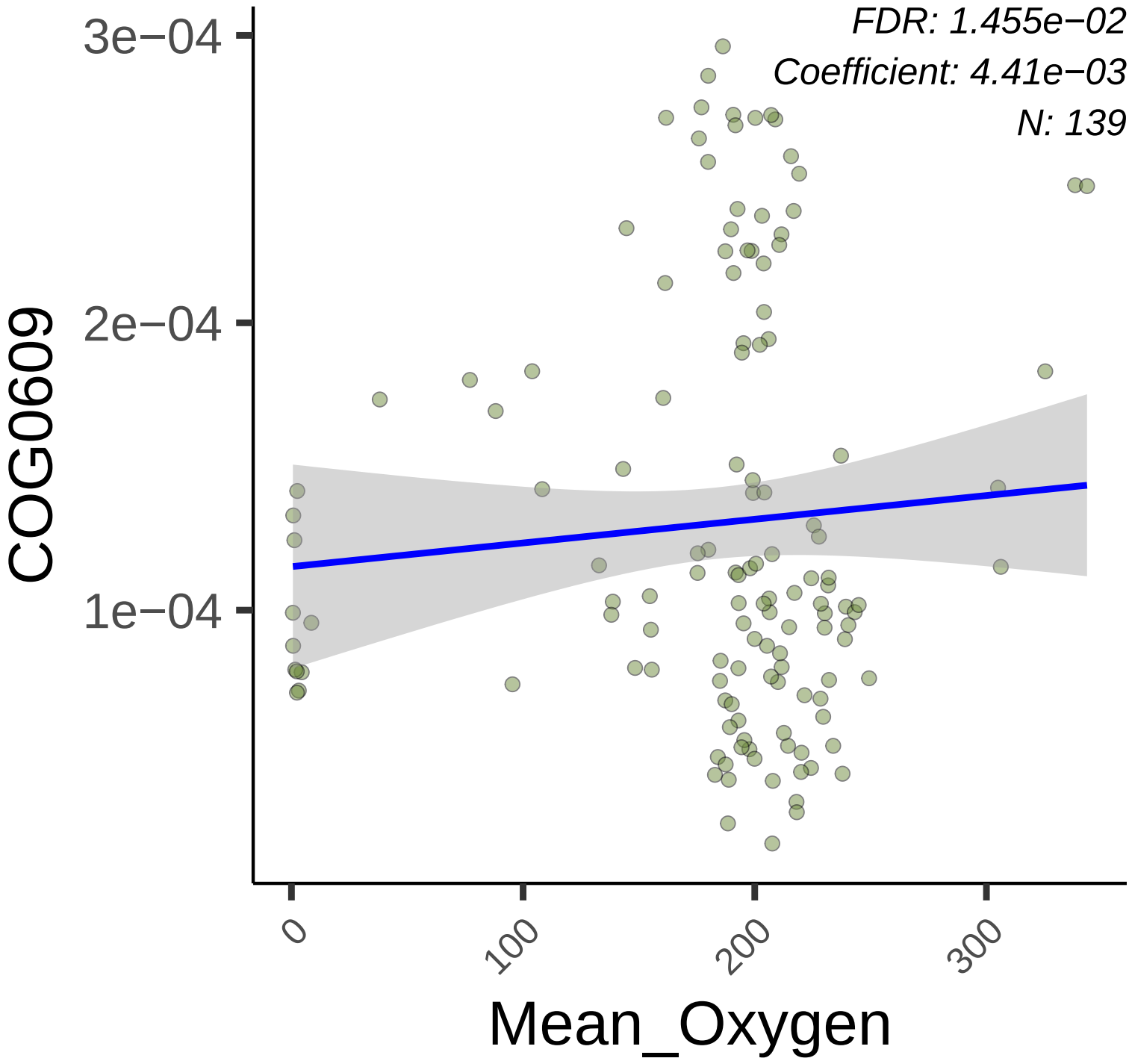
Mean_Oxygen


FDR: 1.455e−02
Coefficient: 4.41e−03
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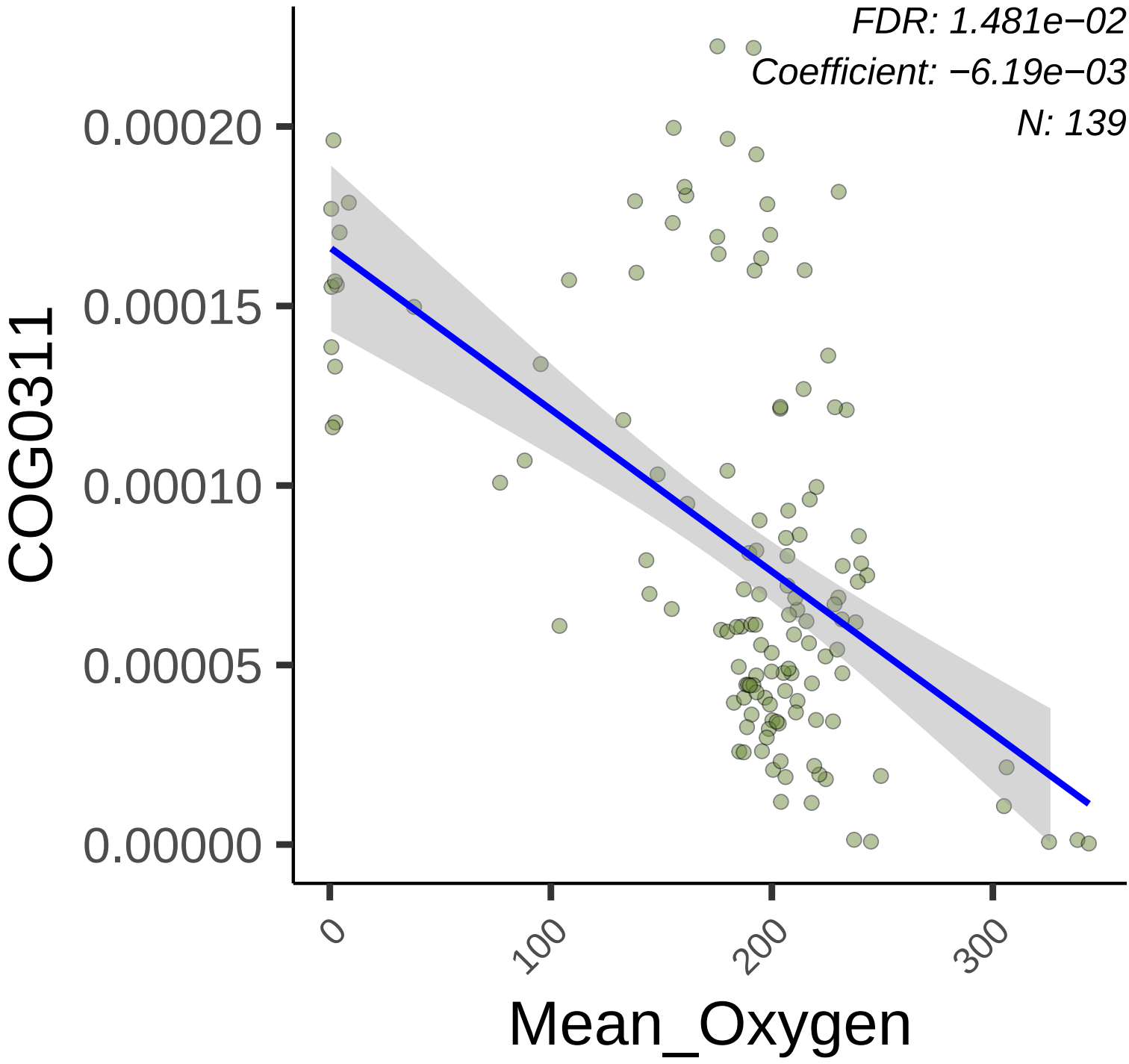
Mean_Oxygen


FDR: 1.481e−02
Coefficient: −6.19e−03
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COG0311
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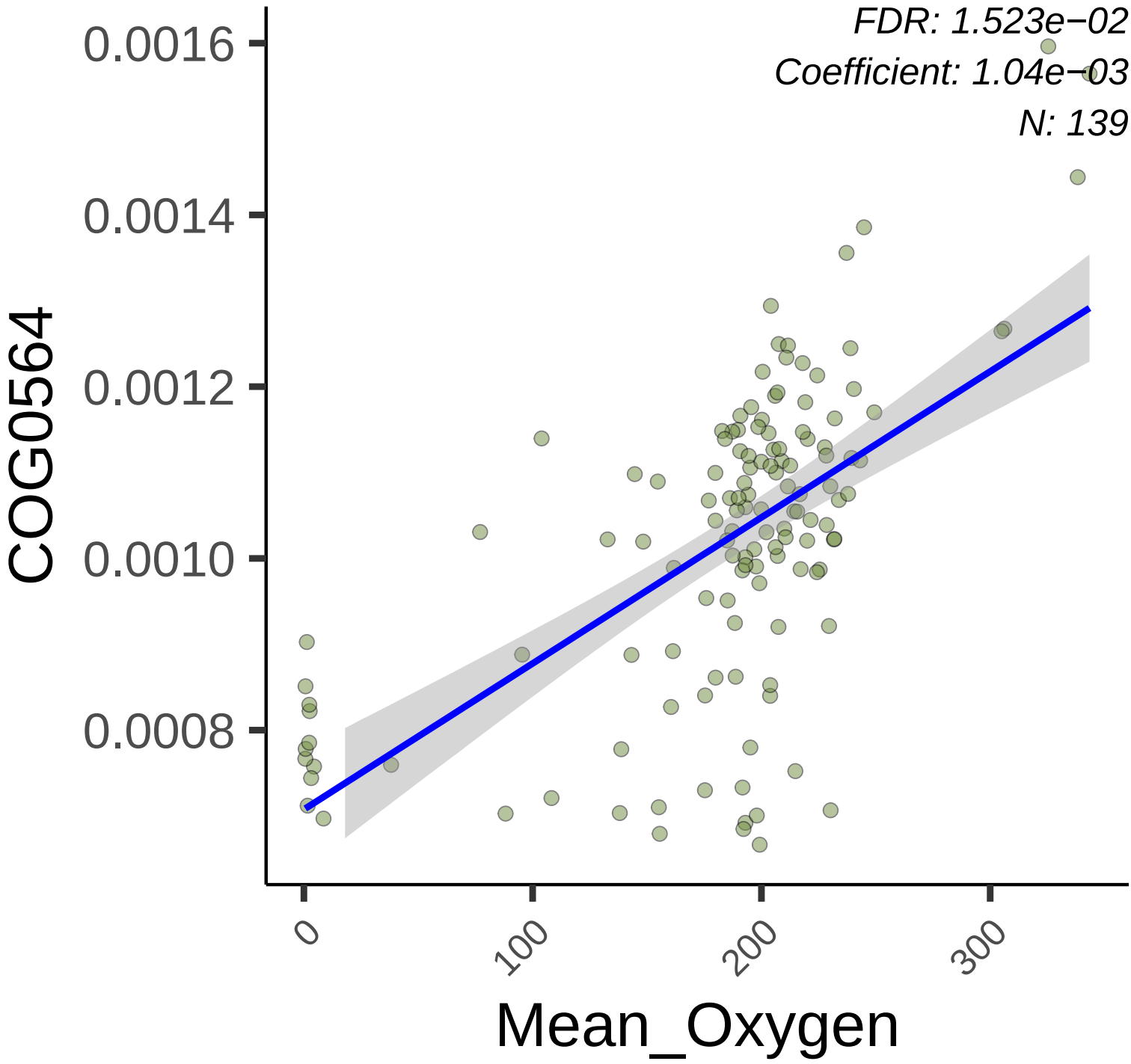
Mean_Oxygen


FDR: 1.523e−02
Coefficient: 1.04e−03
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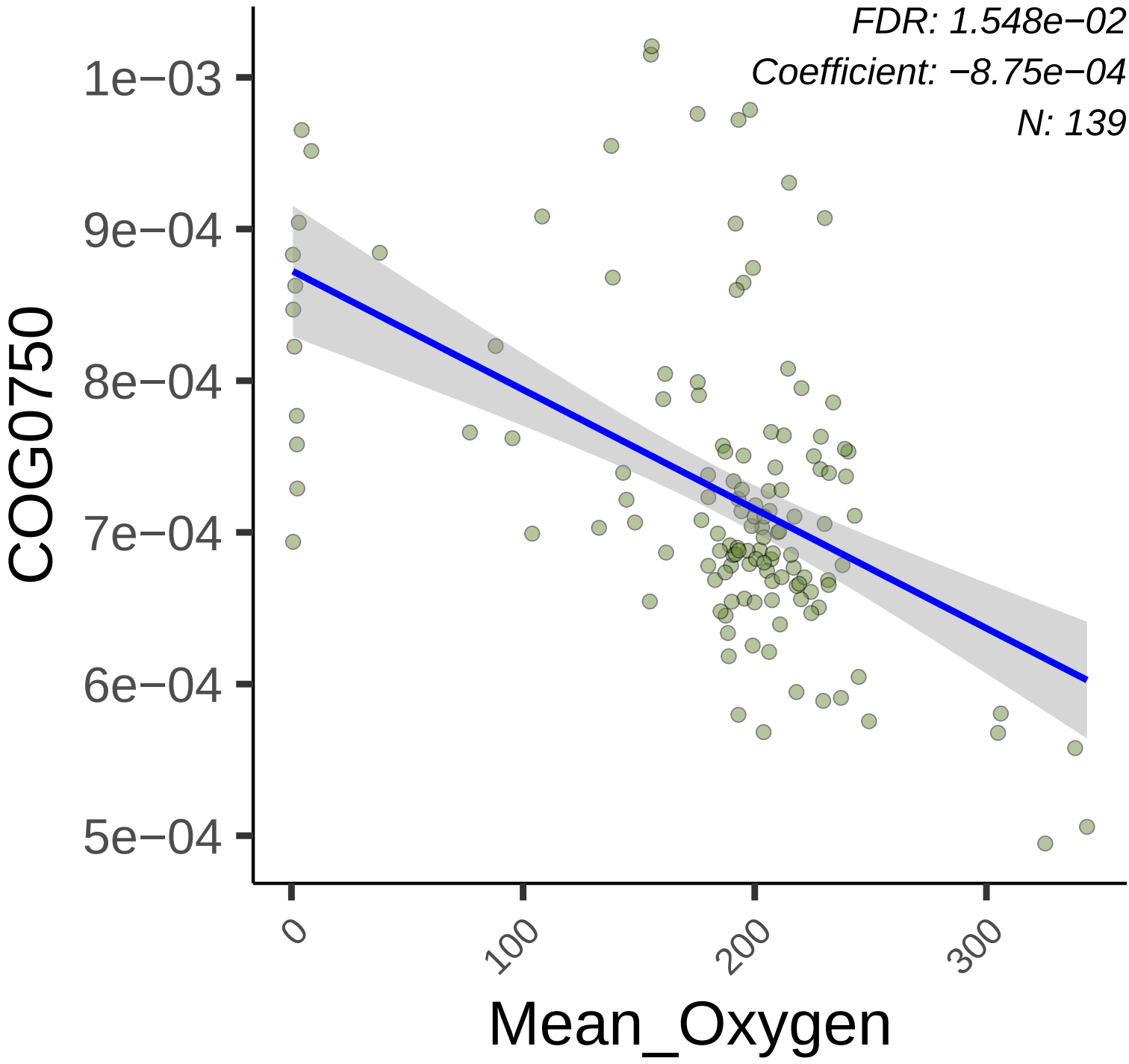
Mean_Oxygen


FDR: 1.548e−02
Coefficient: −8.75e−04
N: 139
COG0750
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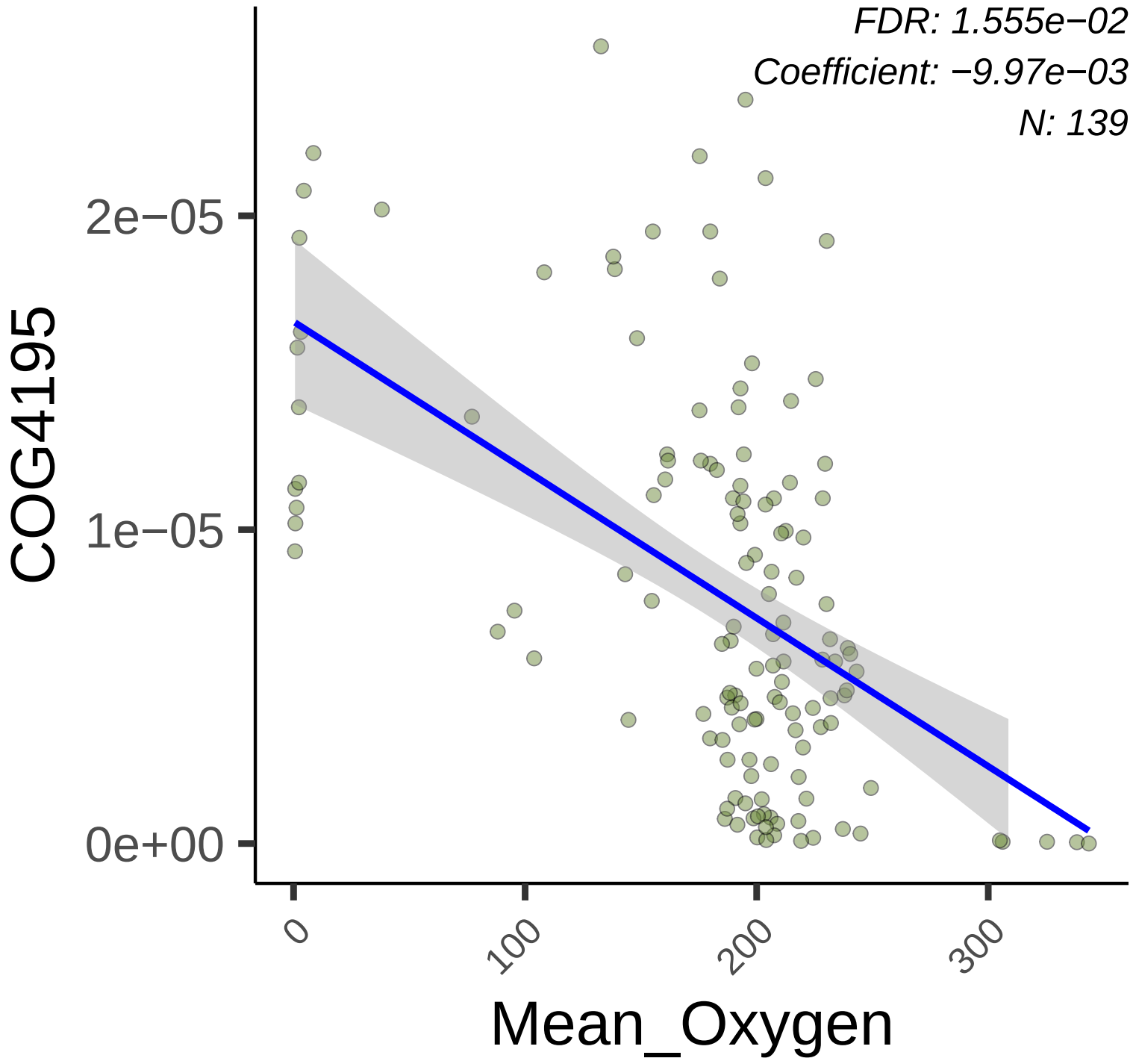
Mean_Oxygen


FDR: 1.555e−02
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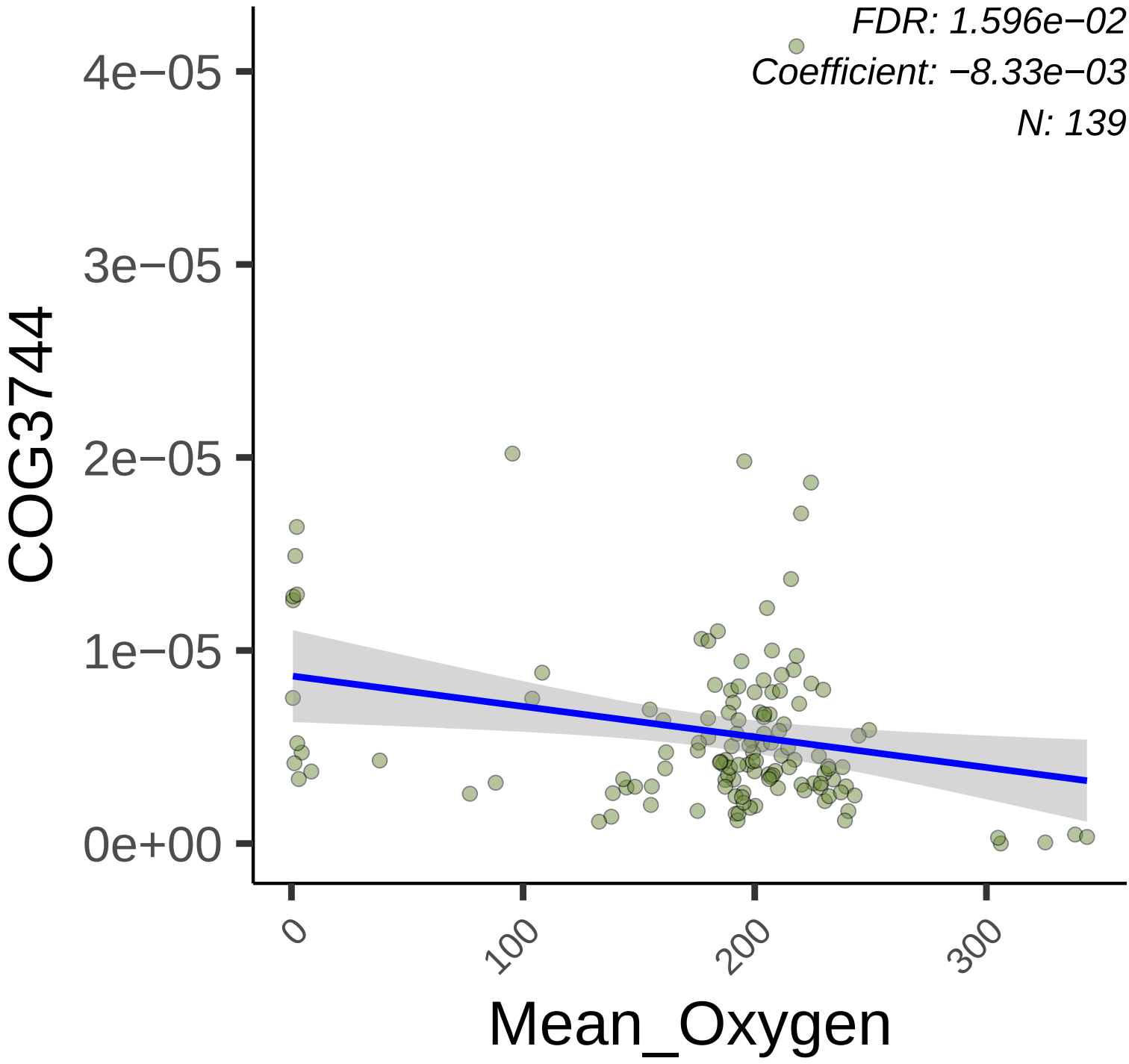
Mean_Oxygen


FDR: 1.596e−02
Coefficient: −8.33e−03
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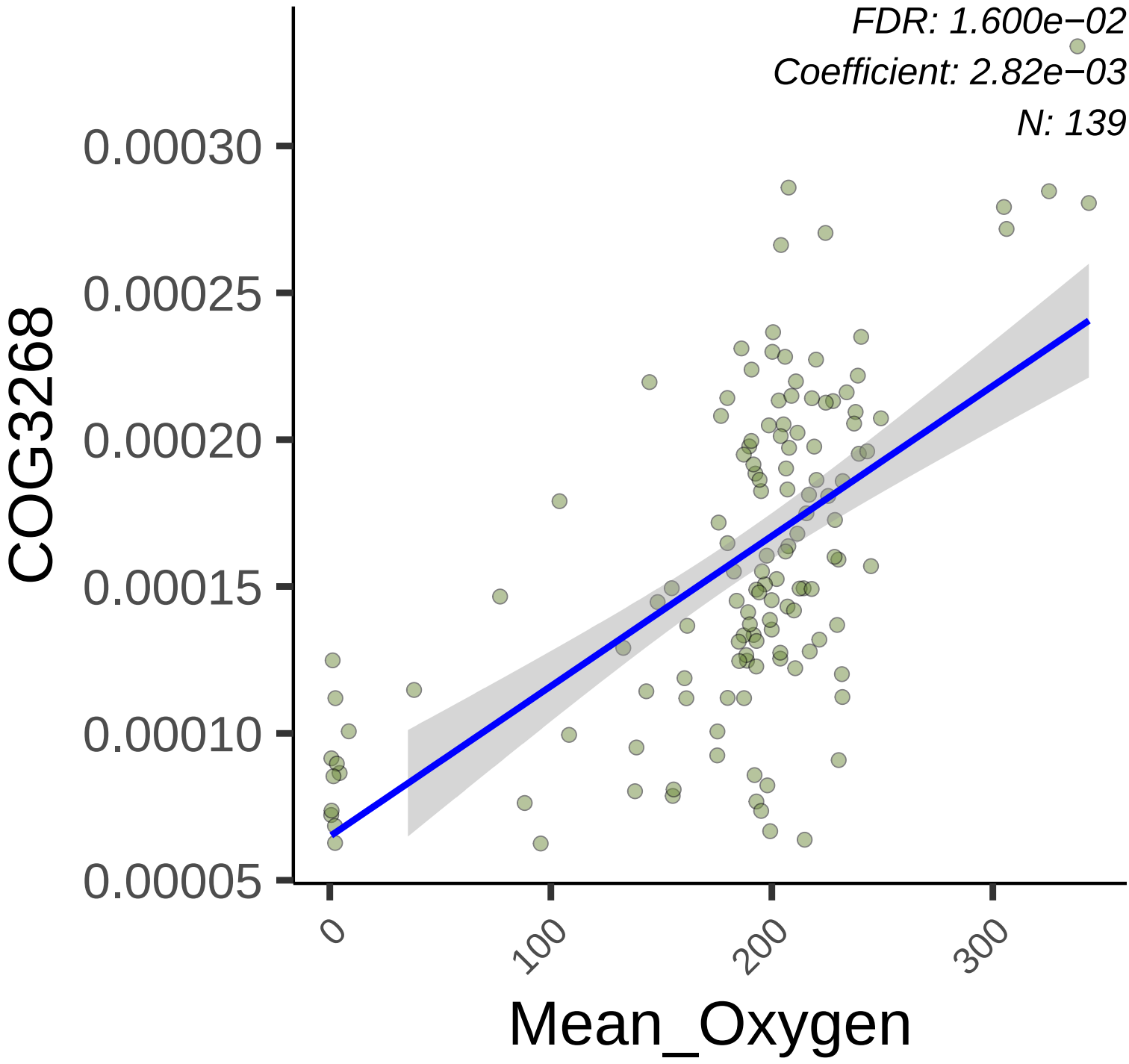
300
Mean_Oxygen


FDR: 1.600e−02
Coefficient: 2.82e−03
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200
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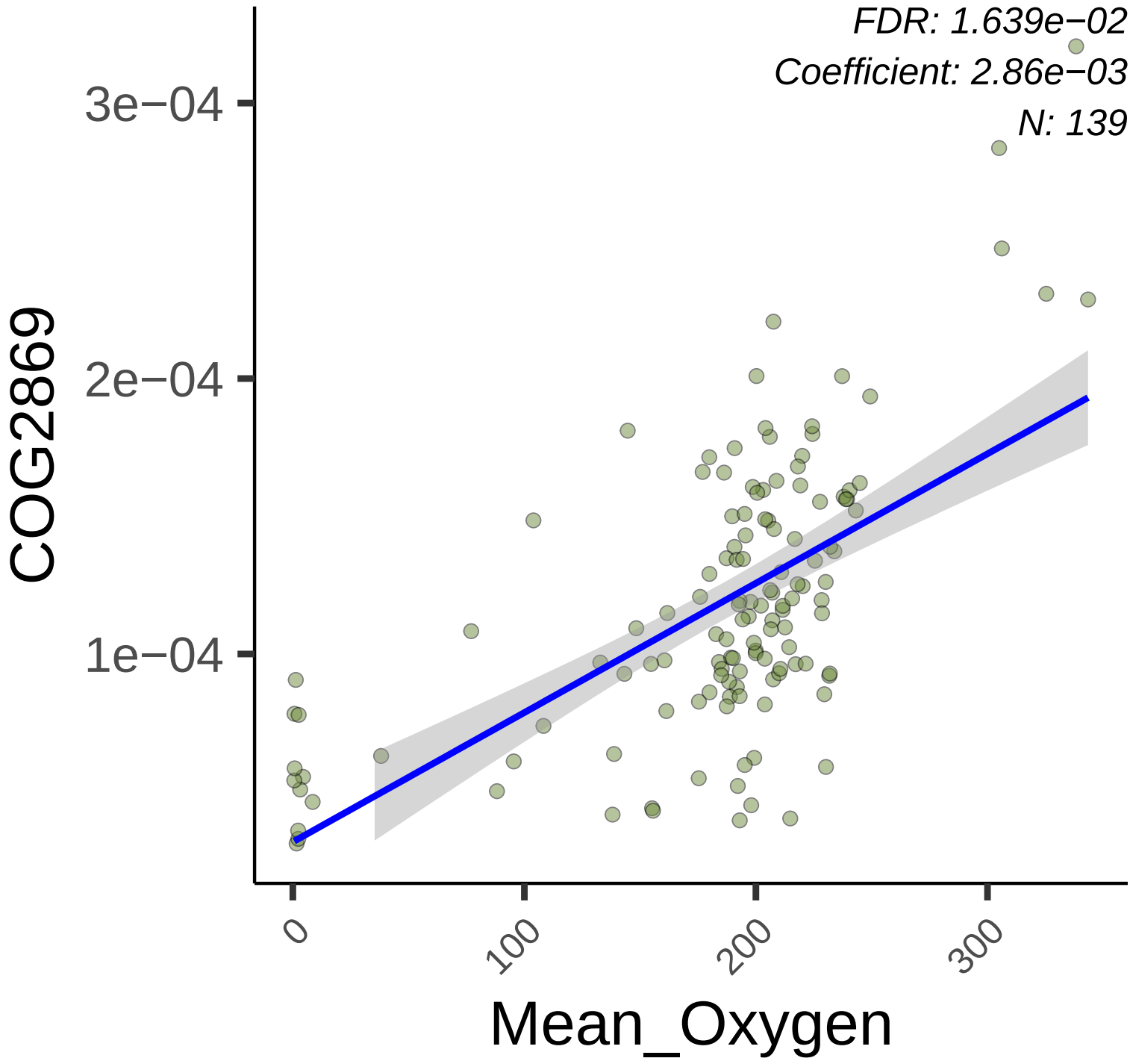
Mean_Oxygen


FDR: 1.639e−02
Coefficient: 2.86e−03
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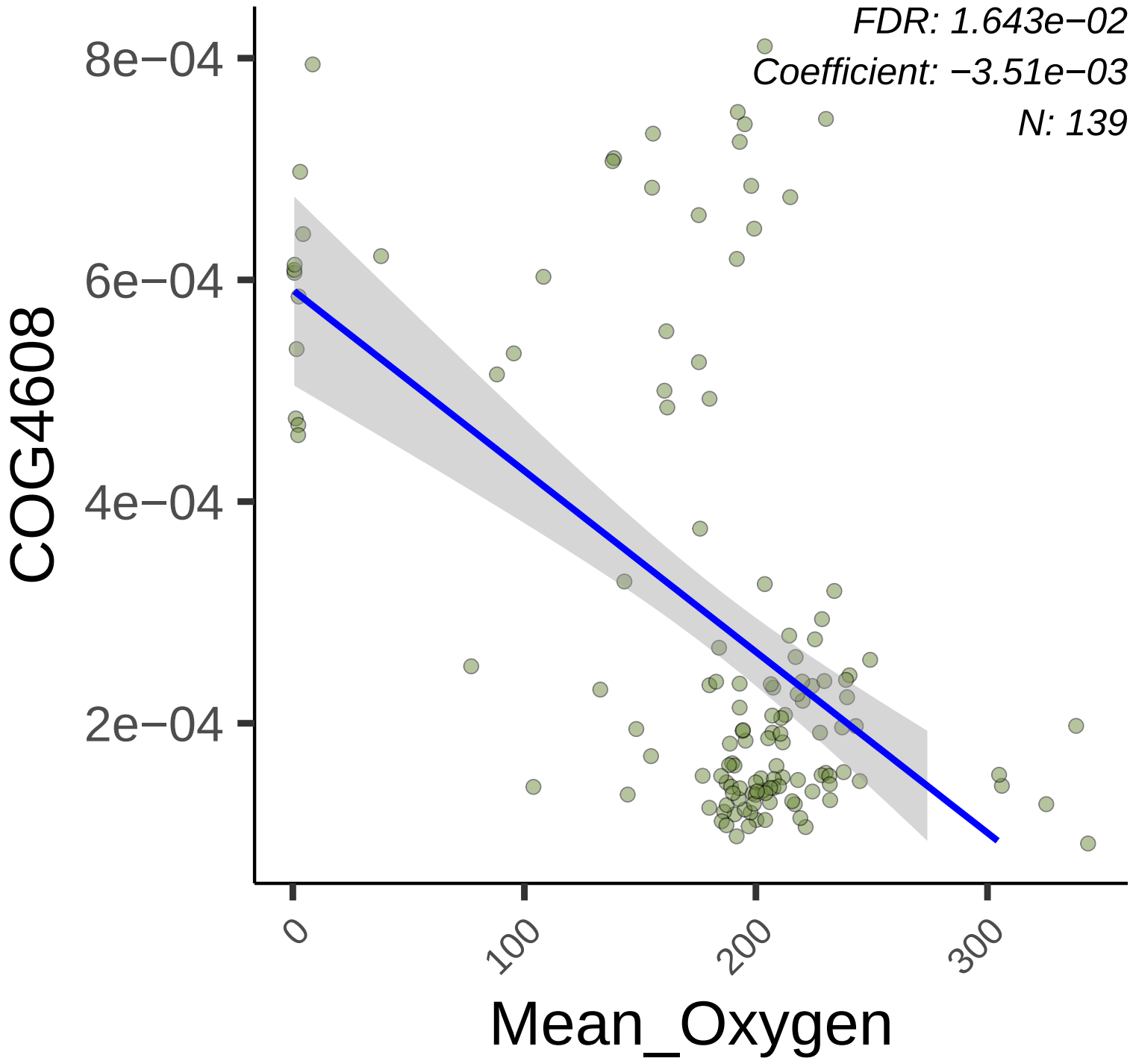
Mean_Oxygen


FDR: 1.643e−02
Coefficient: −3.51e−03
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2e−04
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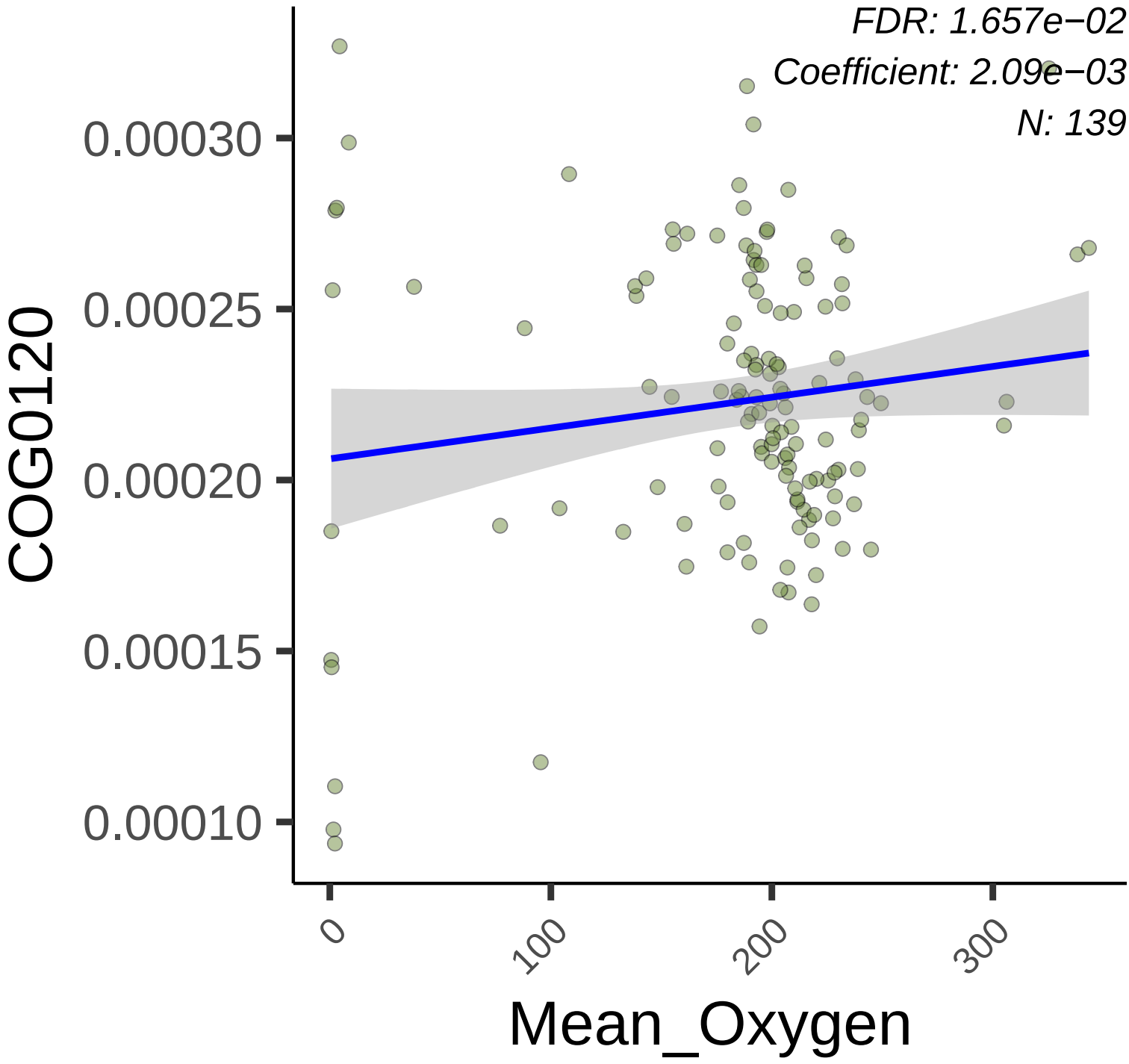
200
300
Mean_Oxygen


FDR: 1.657e−02
Coefficient: 2.09e−03
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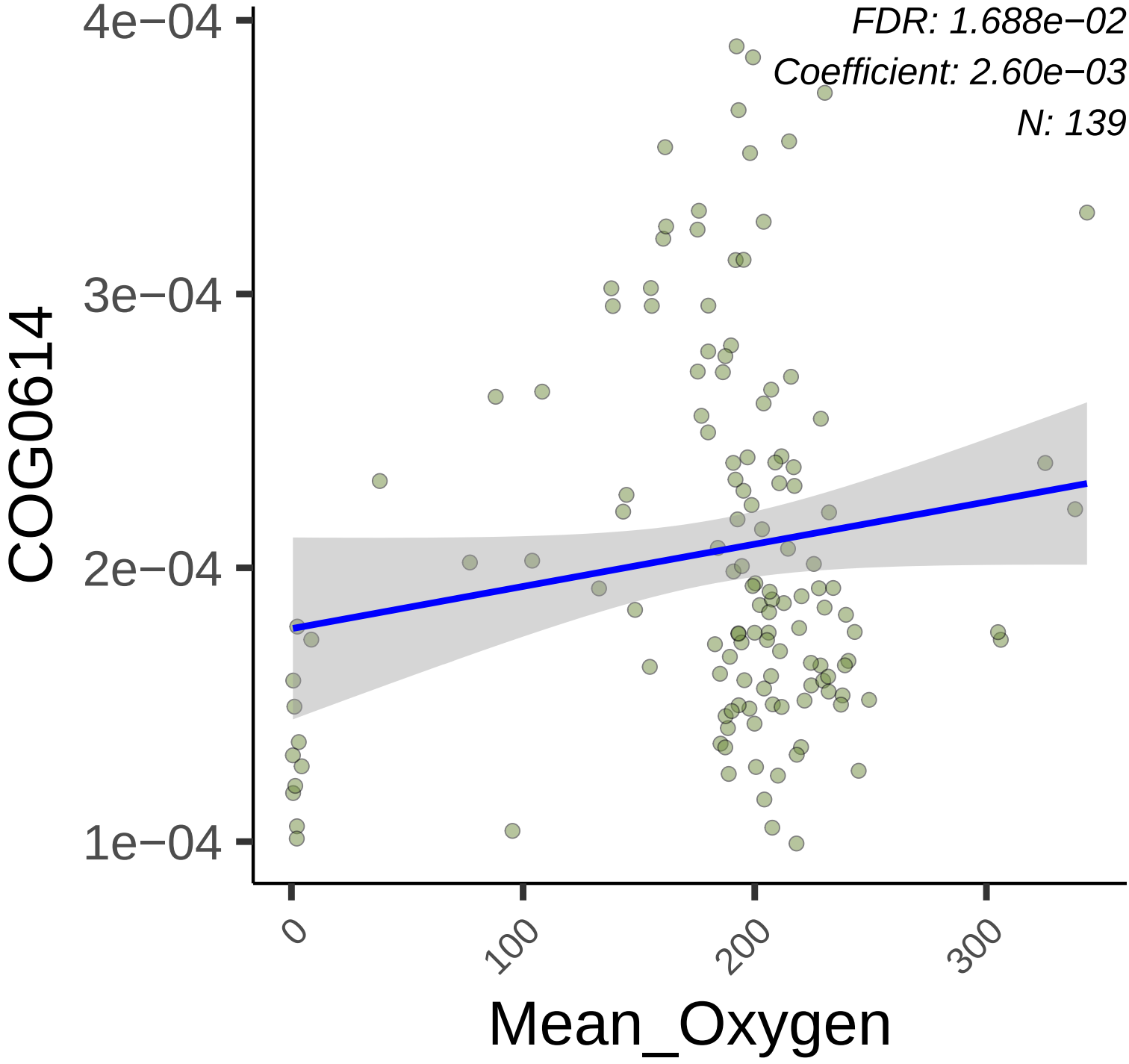
300
Mean_Oxygen


FDR: 1.688e−02
Coefficient: 2.60e−03
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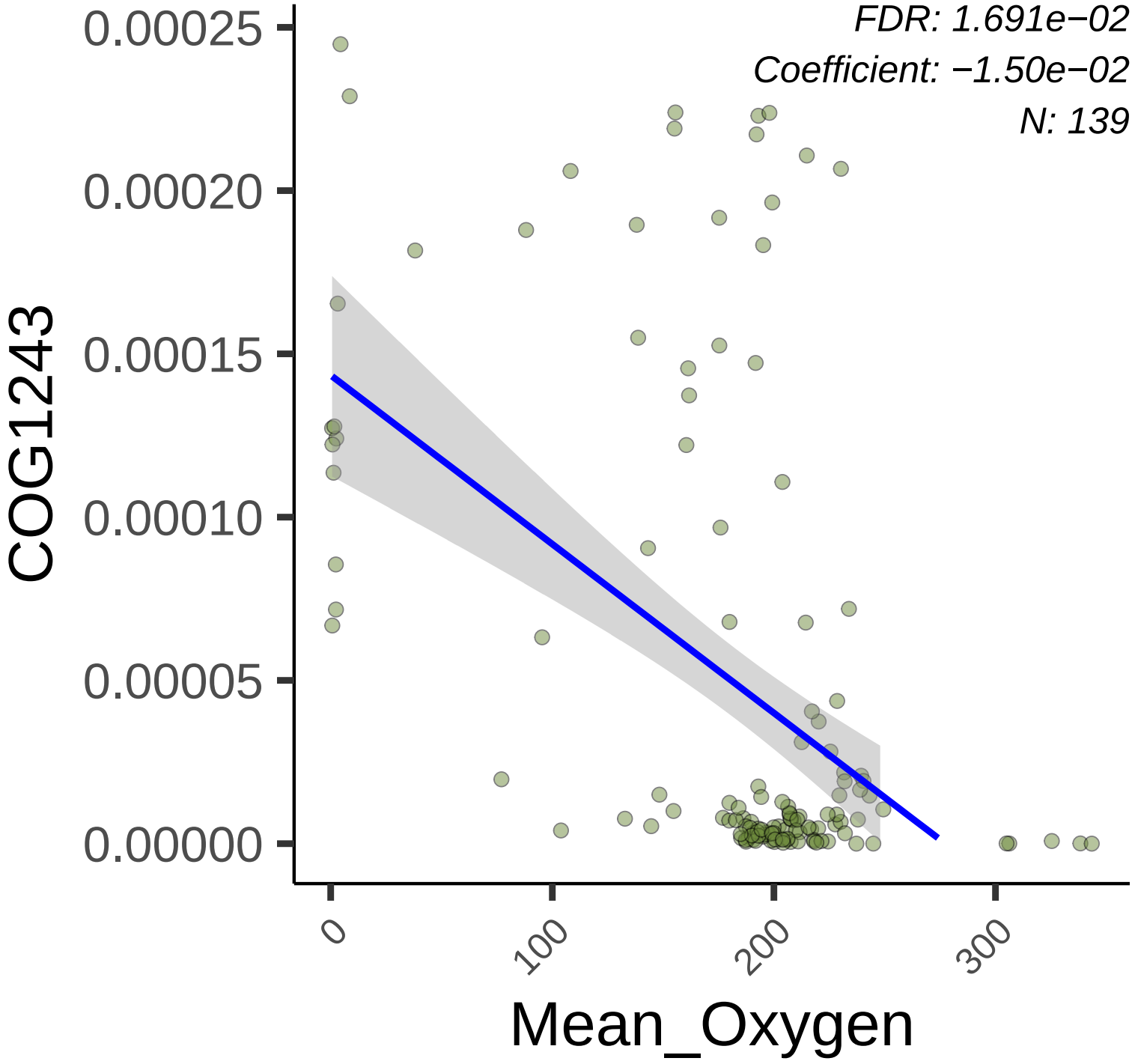
300
Mean_Oxygen


FDR: 1.691e−02
Coefficient: −1.50e−02
N: 139
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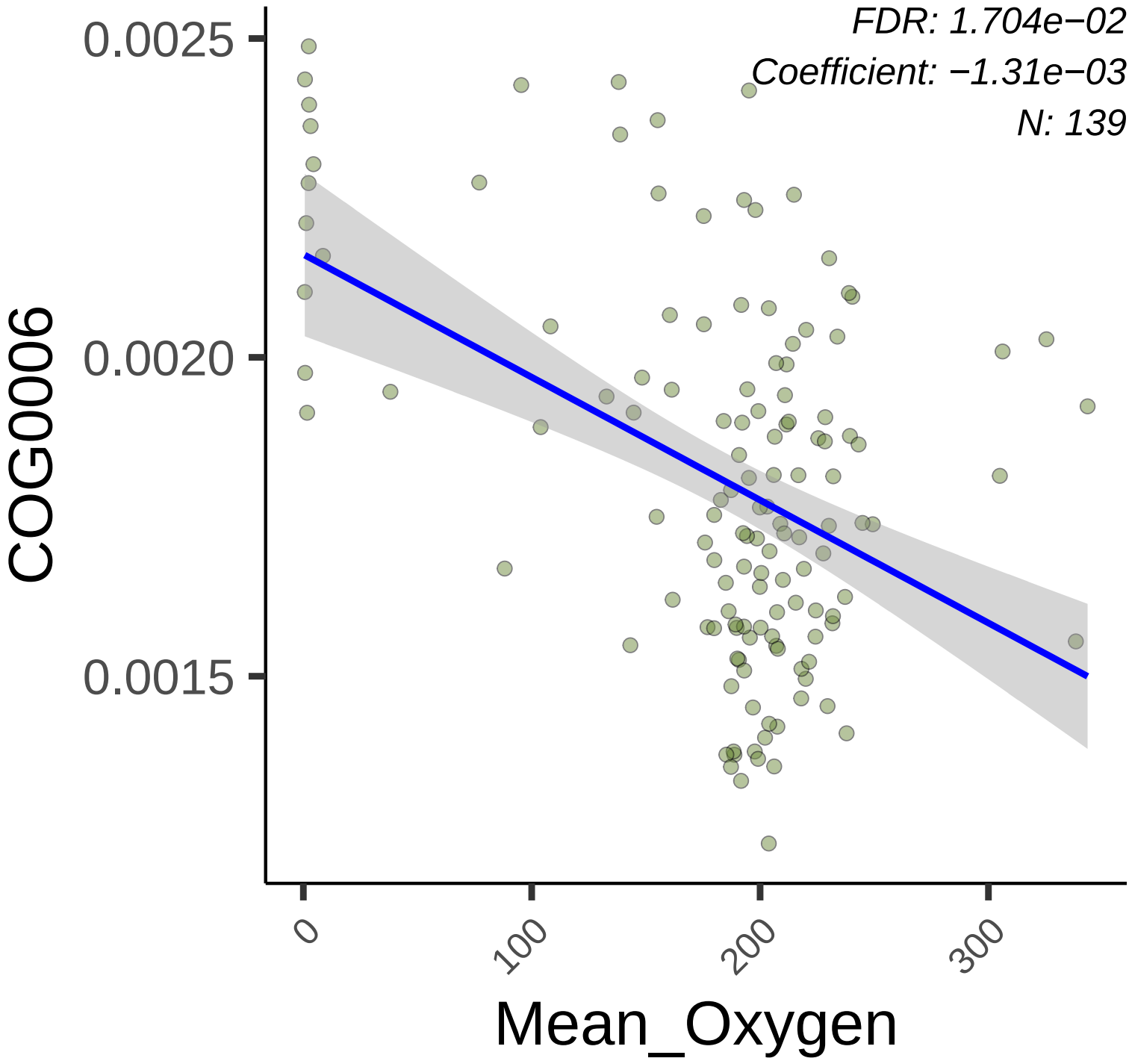
200
300
Mean_Oxygen


FDR: 1.704e−02
Coefficient: −1.31e−03
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200
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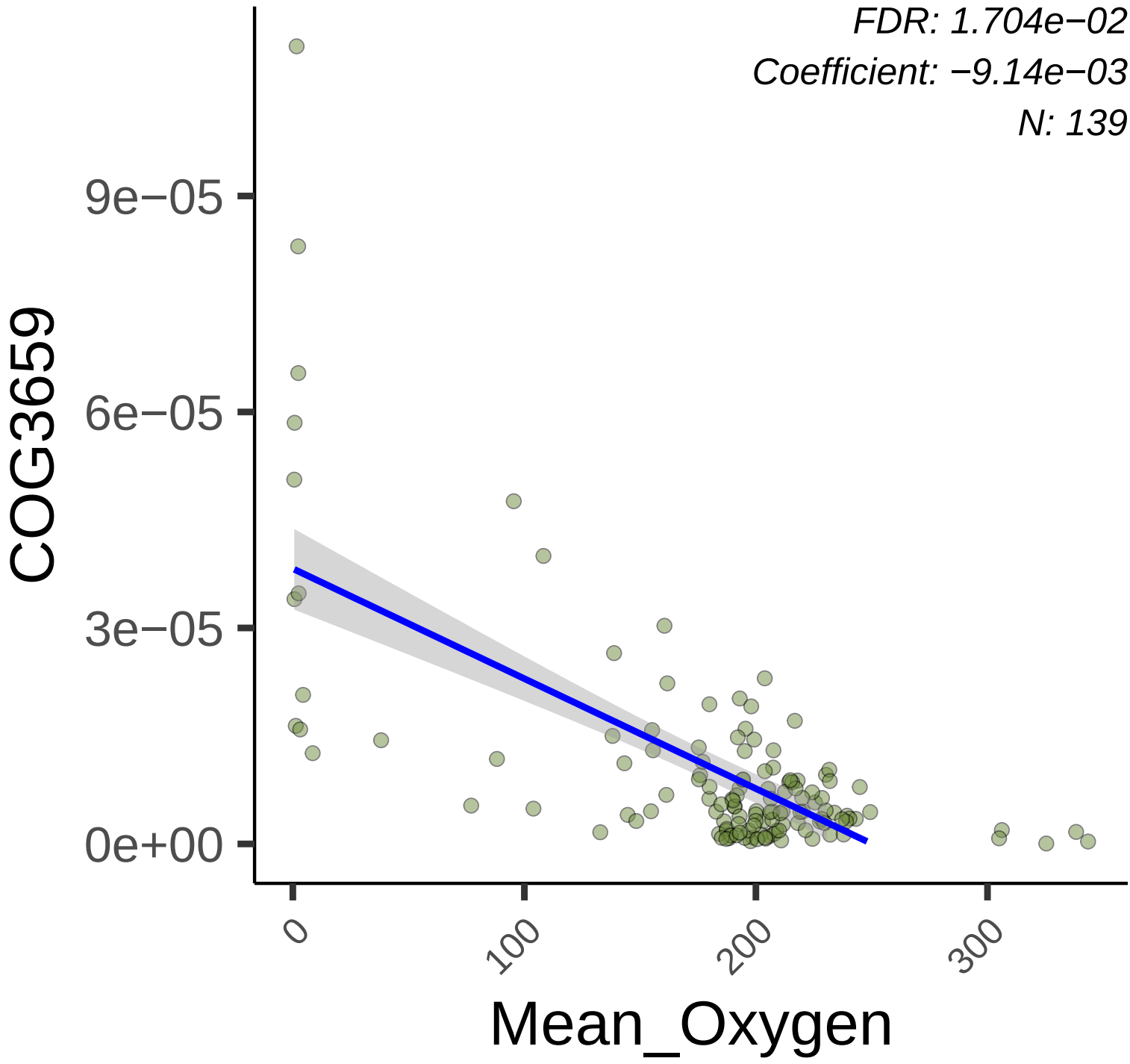
Mean_Oxygen


FDR: 1.704e−02
Coefficient: −9.14e−03
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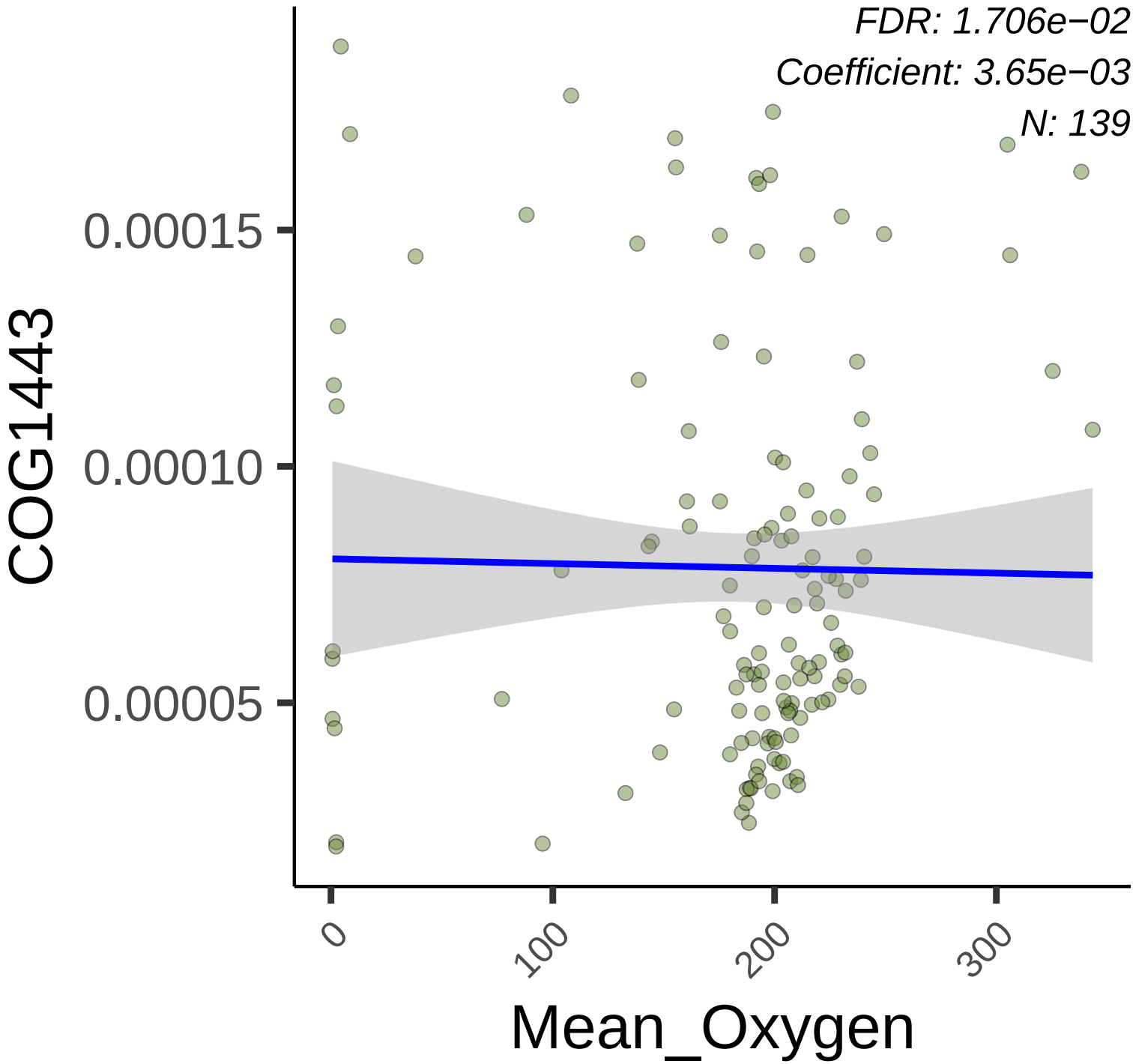
300
Mean_Oxygen


FDR: 1.706e−02
Coefficient: 3.65e−03
N: 139
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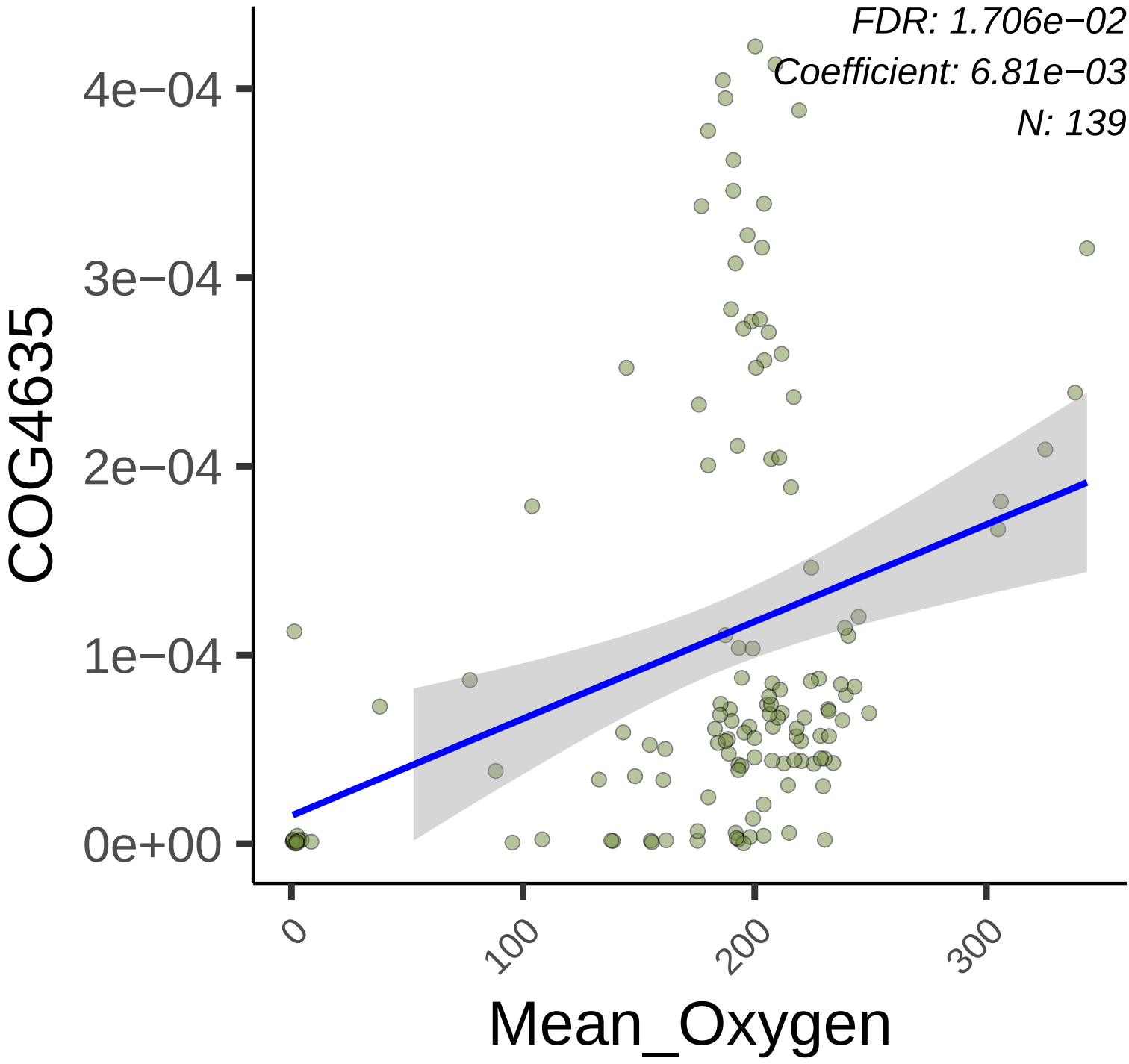
200
300
Mean_Oxygen


FDR: 1.706e−02
Coefficient: 6.81e−03
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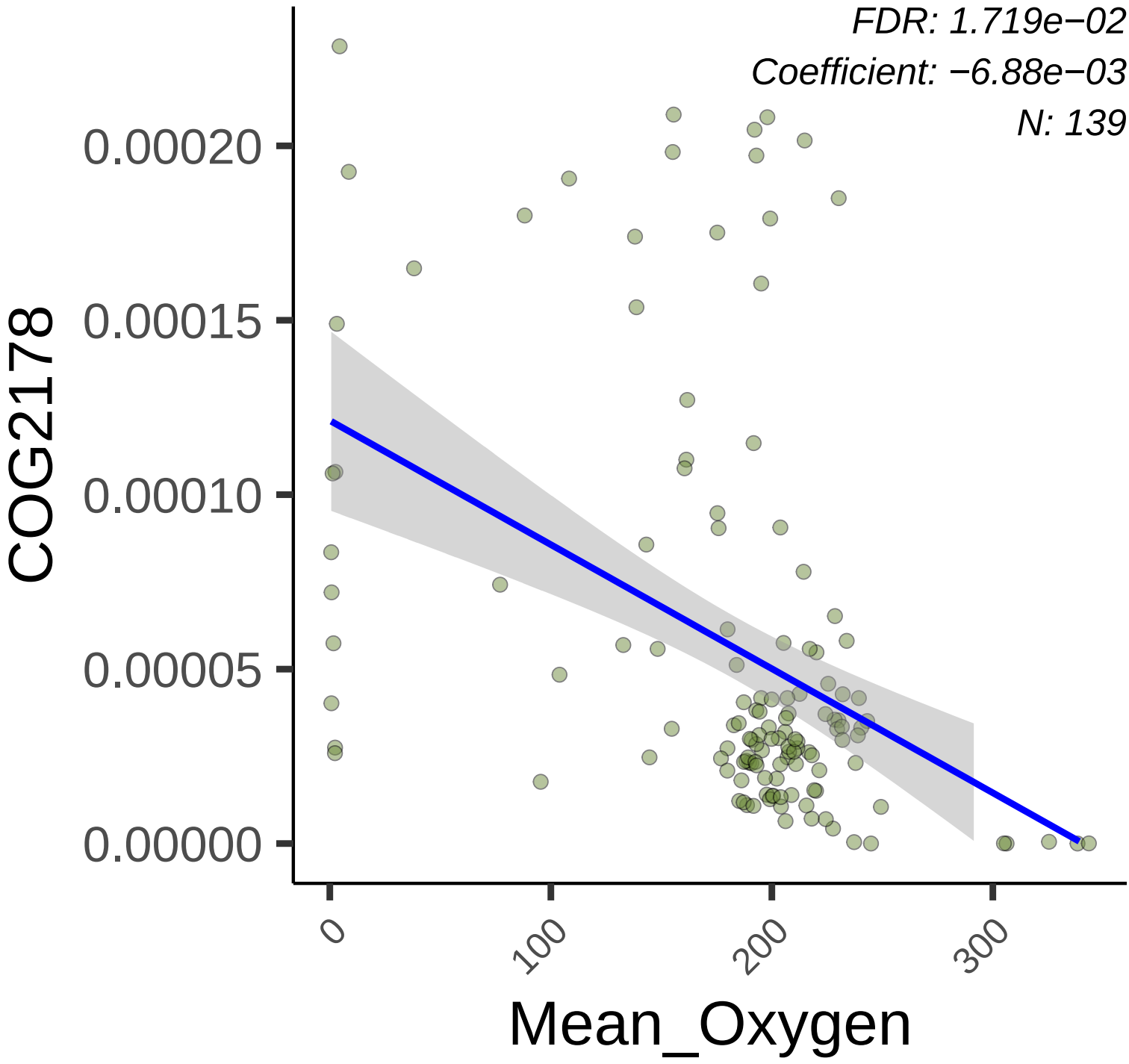
300
Mean_Oxygen


FDR: 1.719e−02
Coefficient: −6.88e−03
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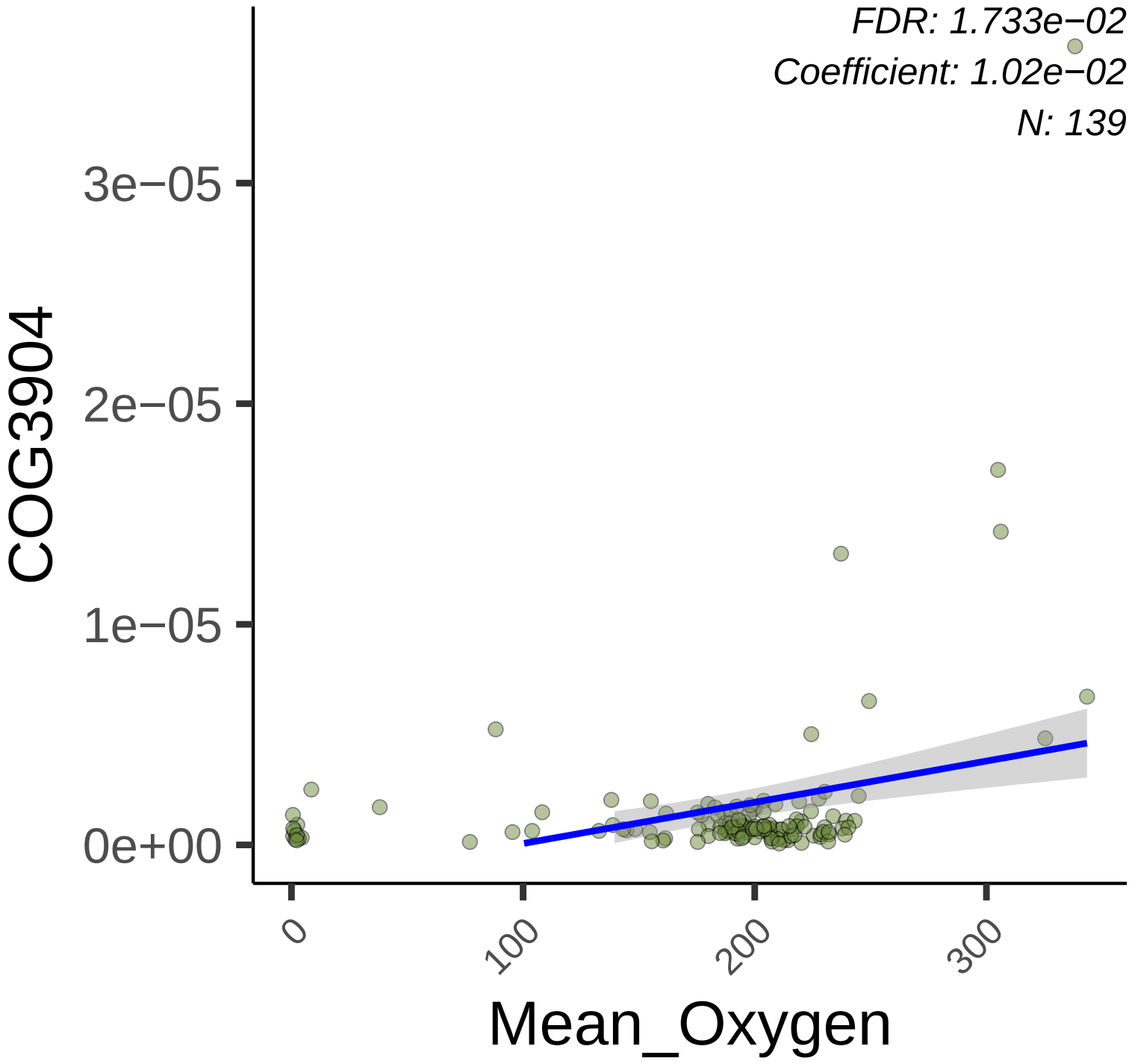
Mean_Oxygen


FDR: 1.733e−02
Coefficient: 1.02e−02
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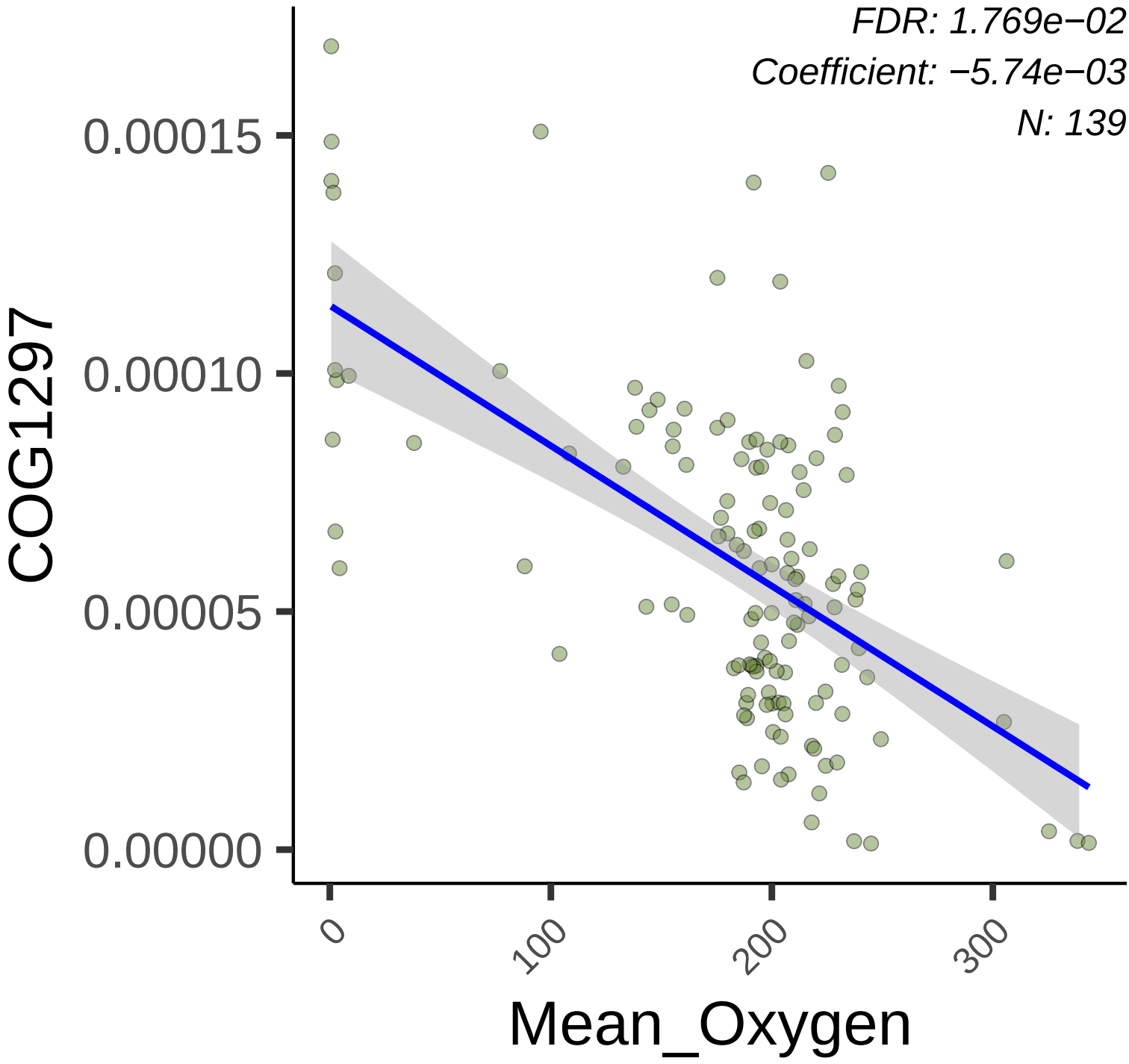
300
Mean_Oxygen


FDR: 1.769e−02
Coefficient: −5.74e−03
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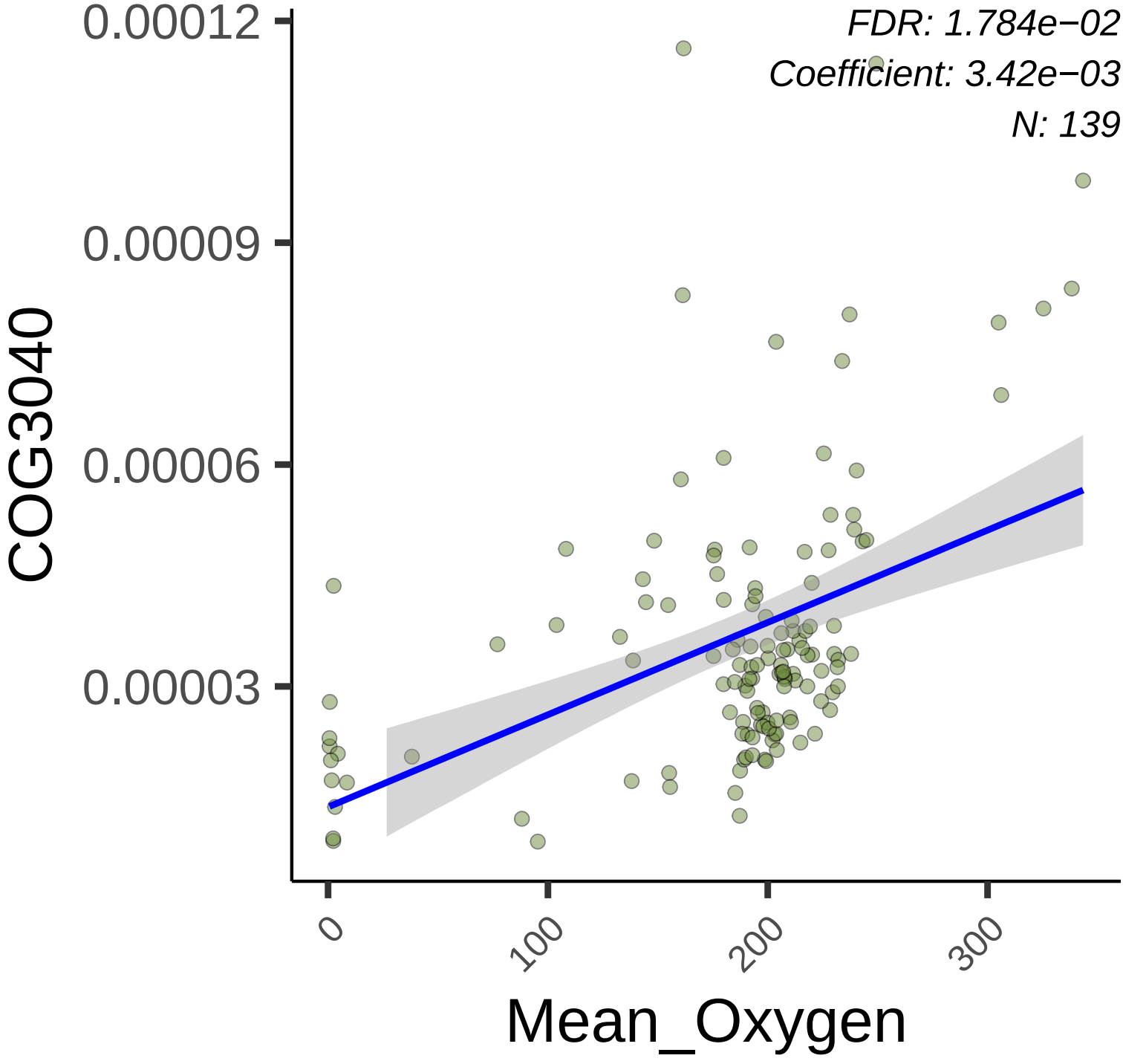
300
Mean_Oxygen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Coefficient: 3.42e−03
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0.00009
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COG3040
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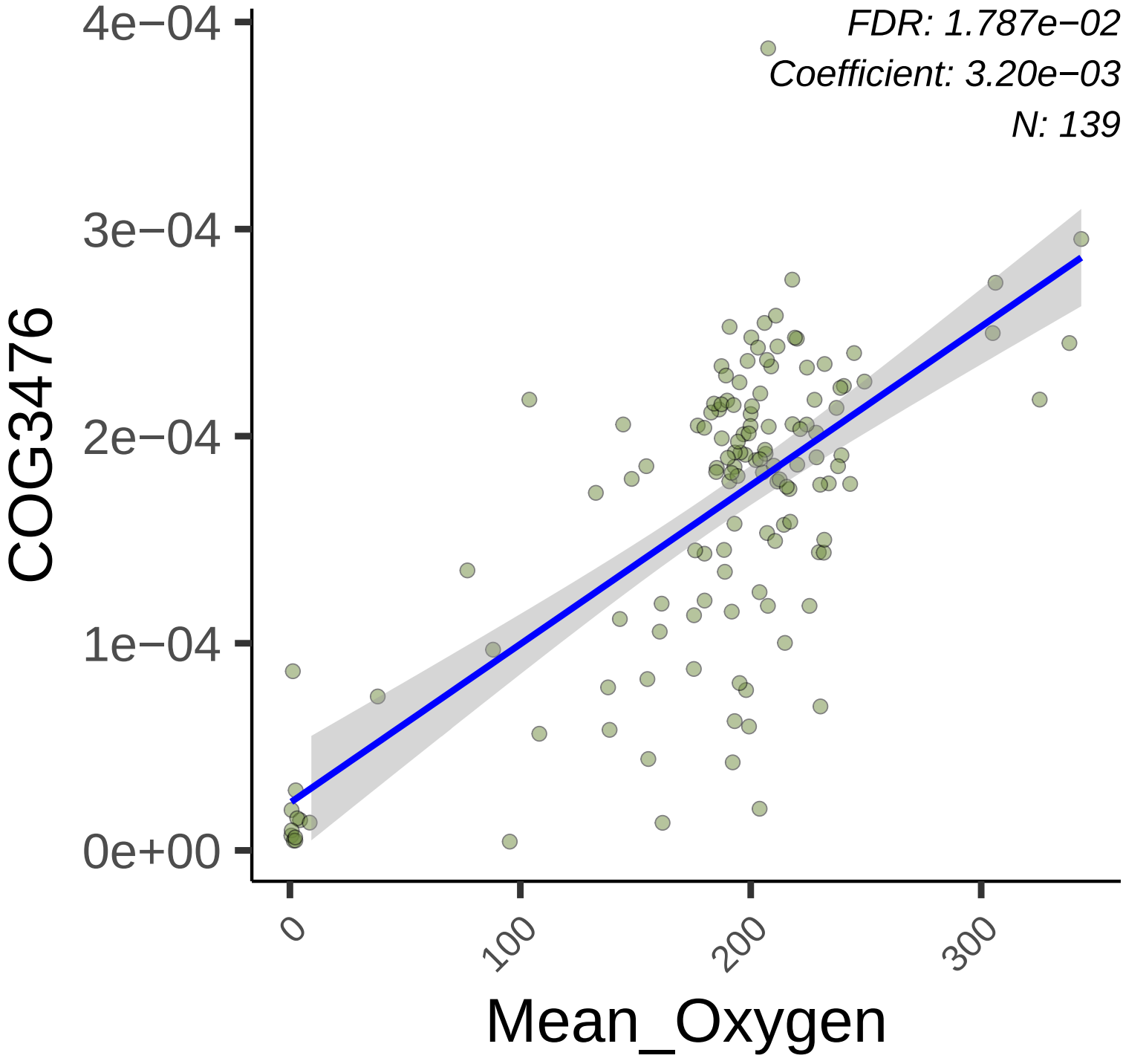
200
300
Mean_Oxygen


FDR: 1.787e−02
Coefficient: 3.20e−03
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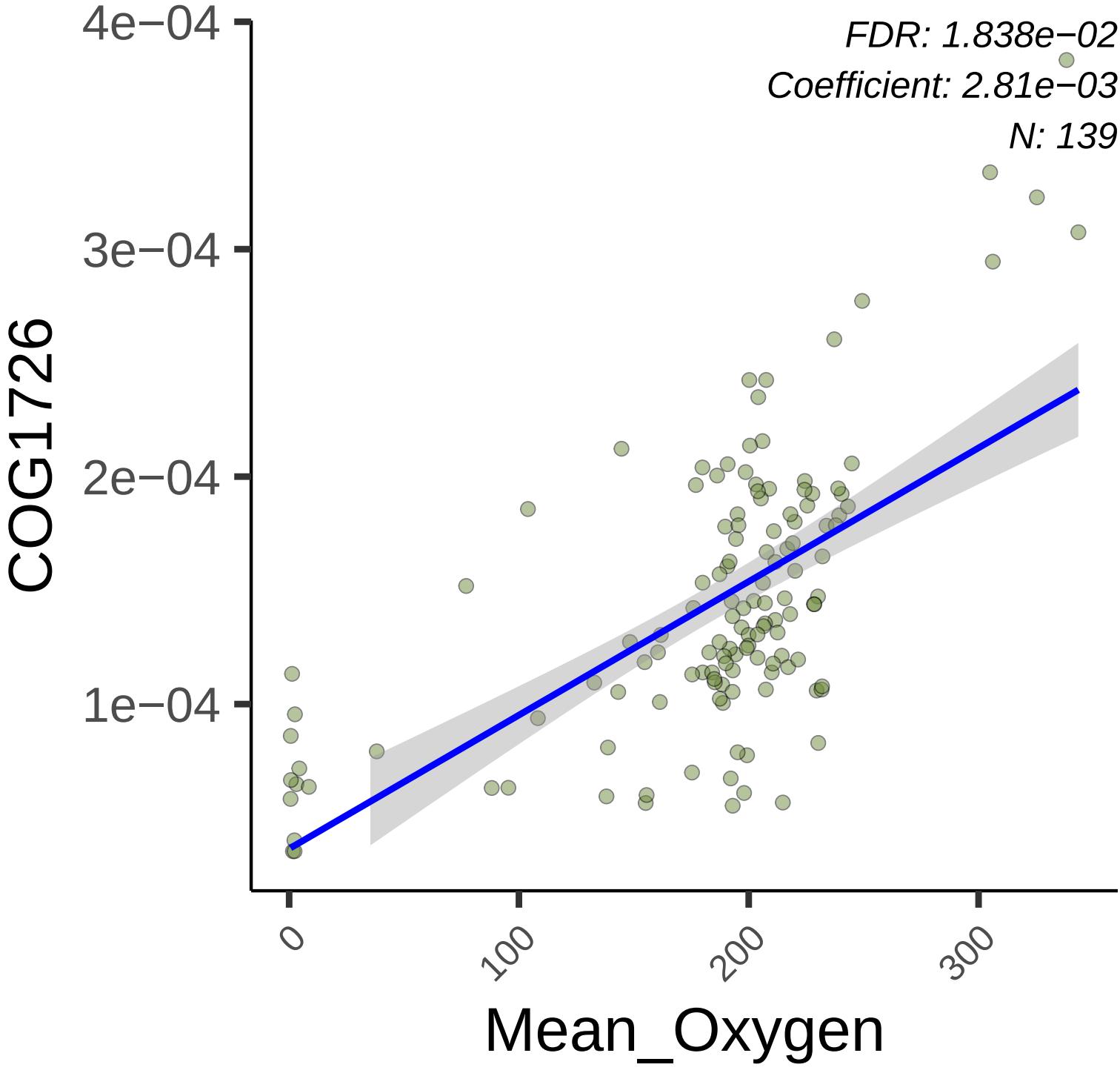
300
Mean_Oxygen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Coefficient: 2.81e−03
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COG1726
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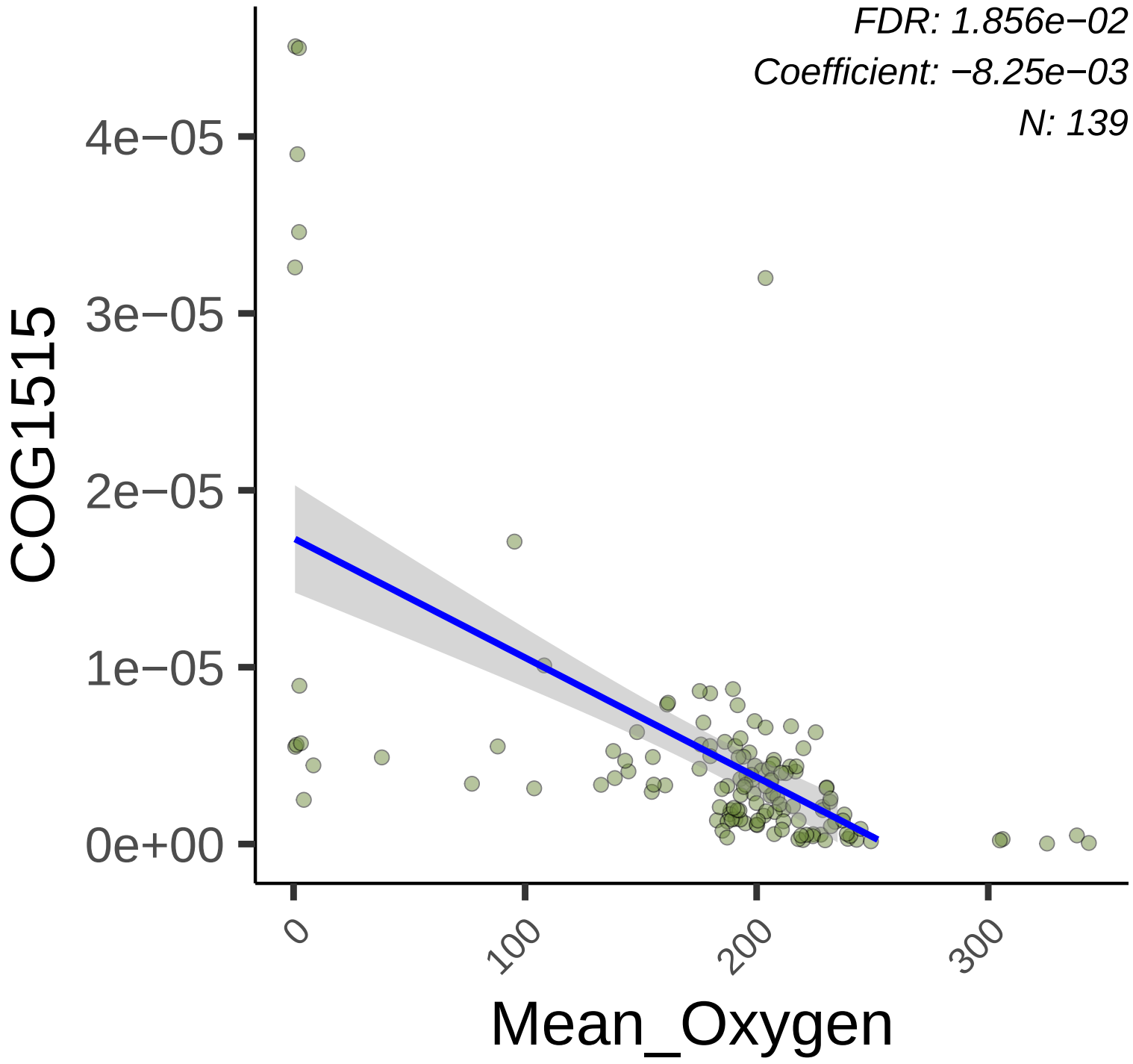
300
Mean_Oxygen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Coefficient: −8.25e−03
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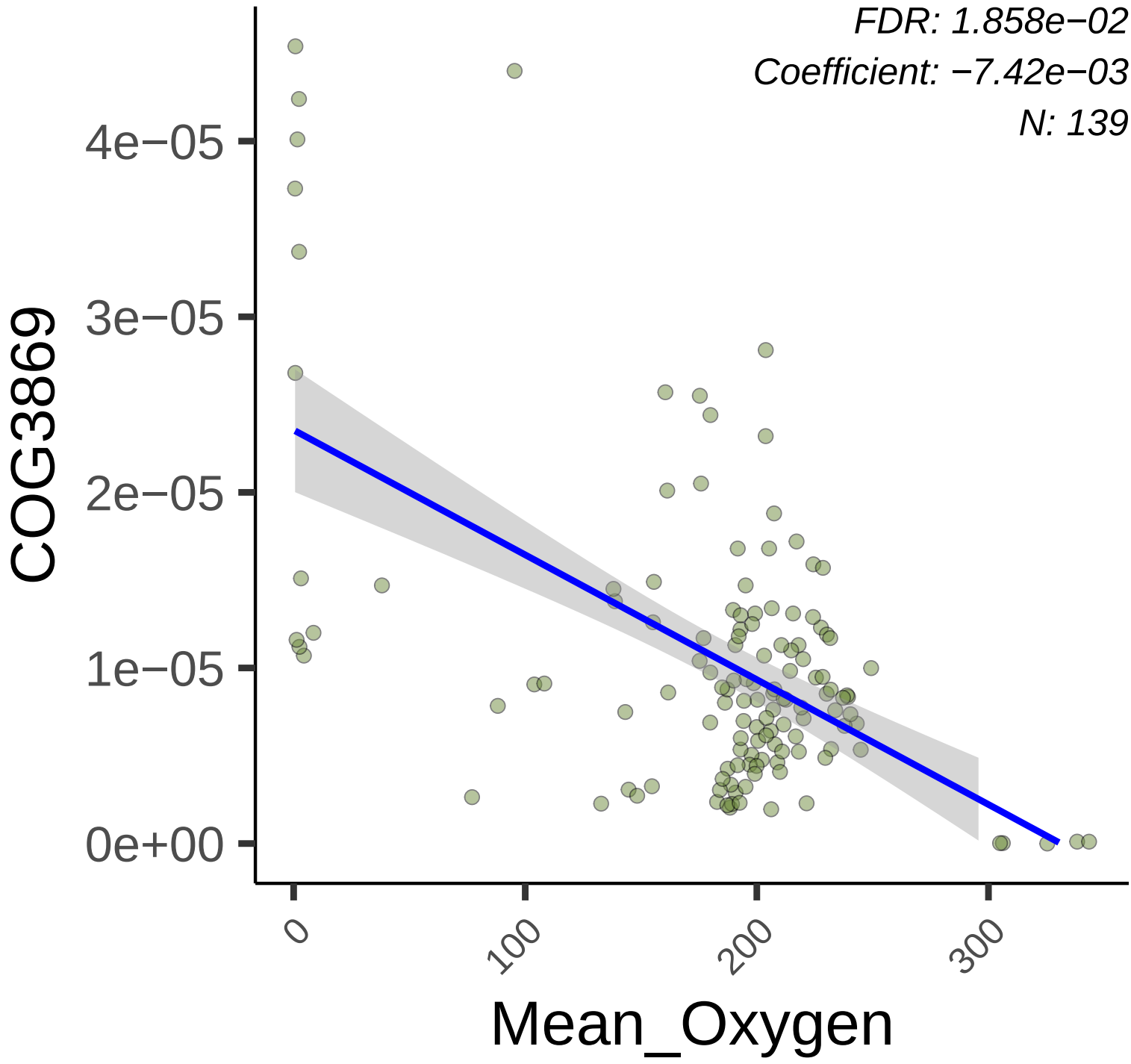
300
Mean_Oxygen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Coefficient: −7.42e−03
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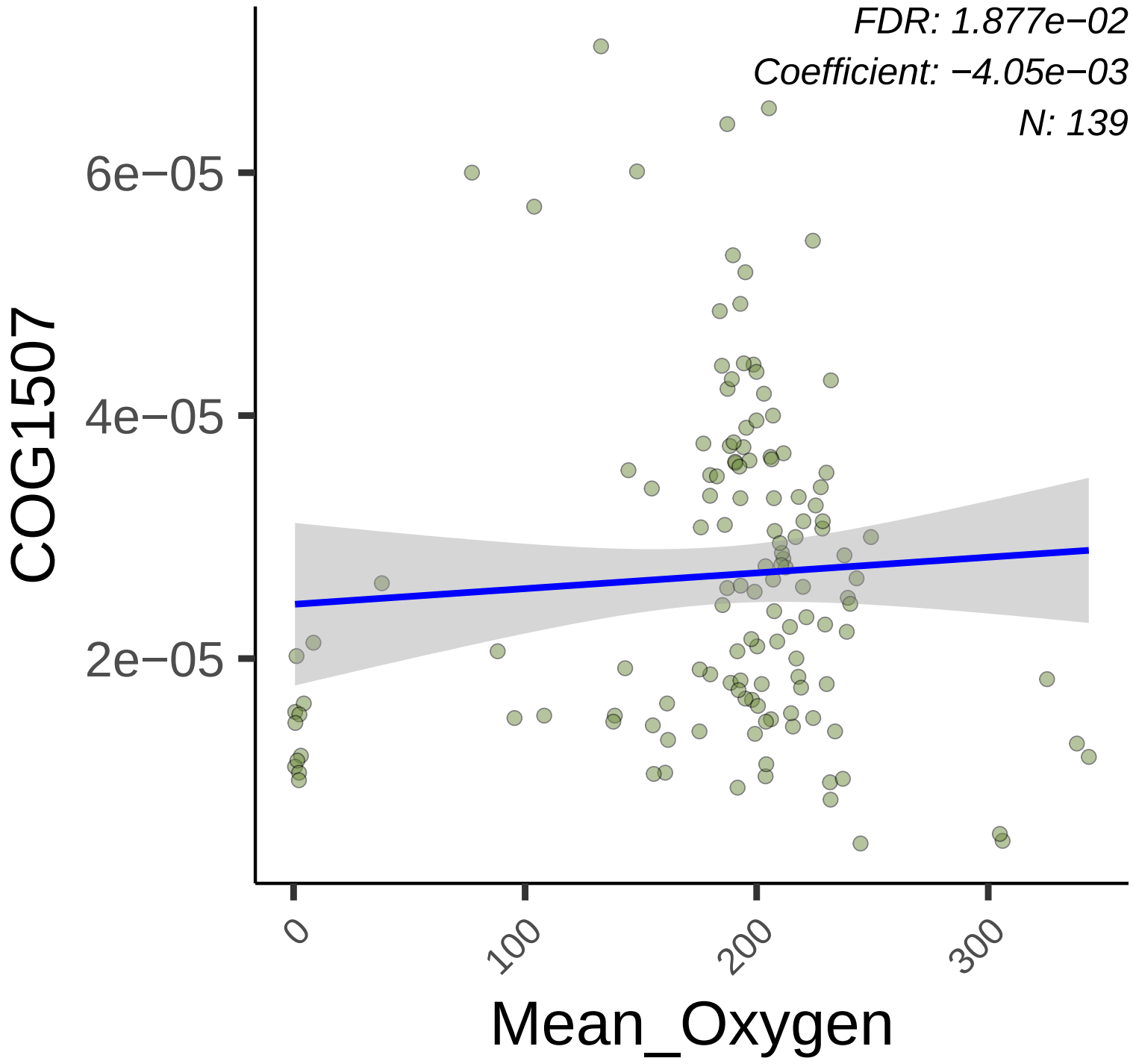
Mean_Oxygen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Coefficient: −4.05e−03
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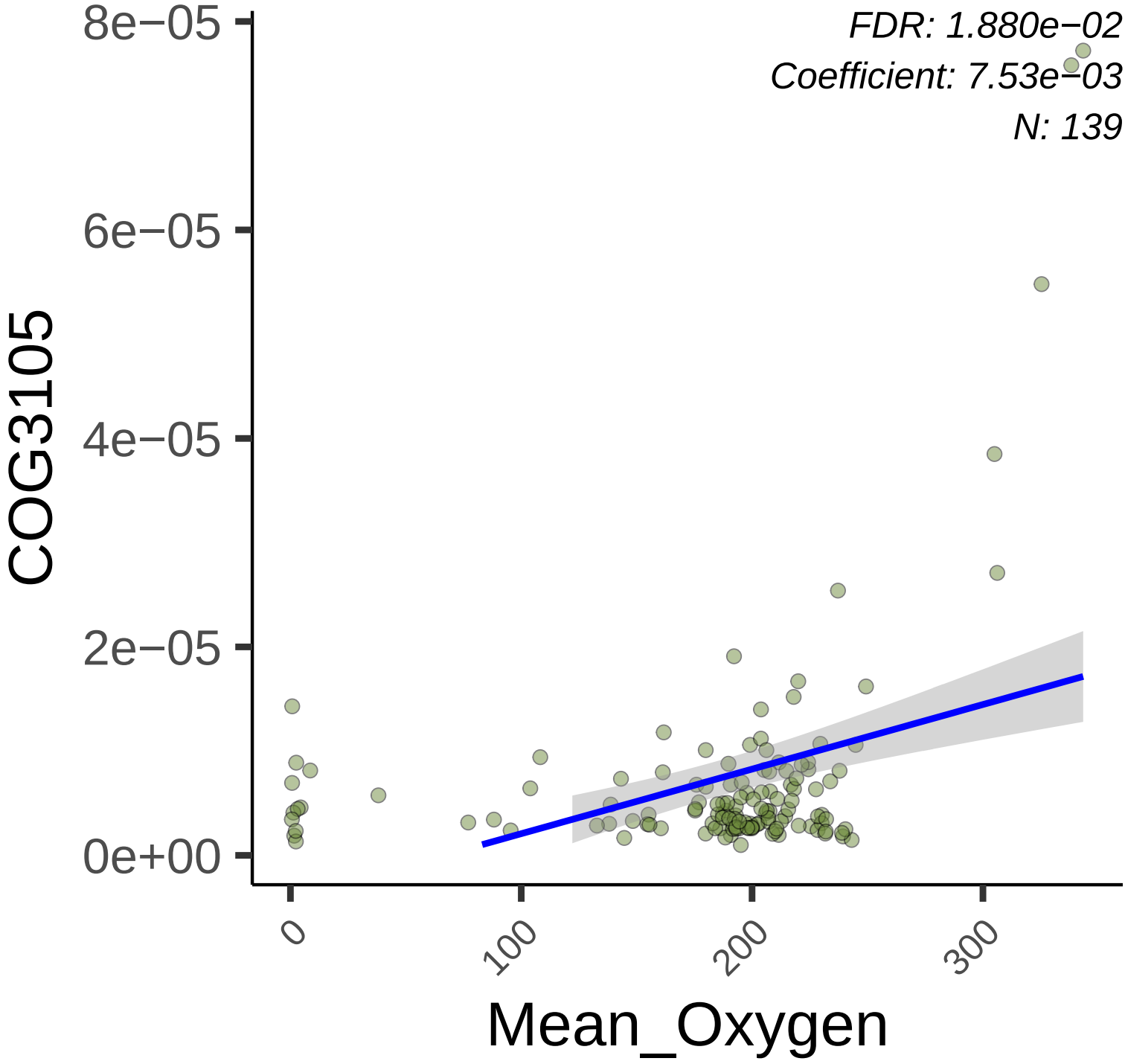
Mean_Oxygen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Coefficient: 7.53e−03
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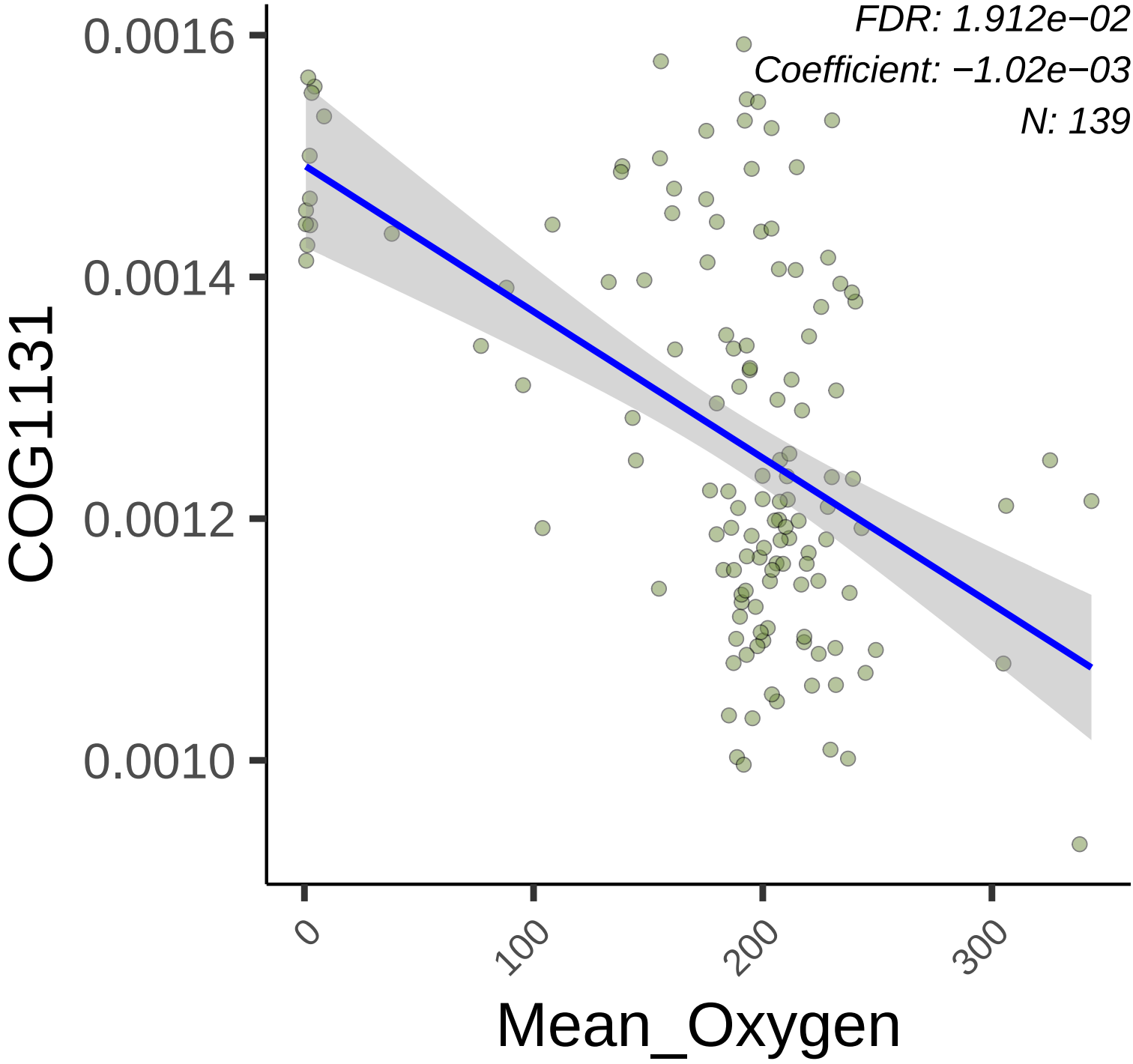
Mean_Oxygen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Coefficient: −1.02e−03
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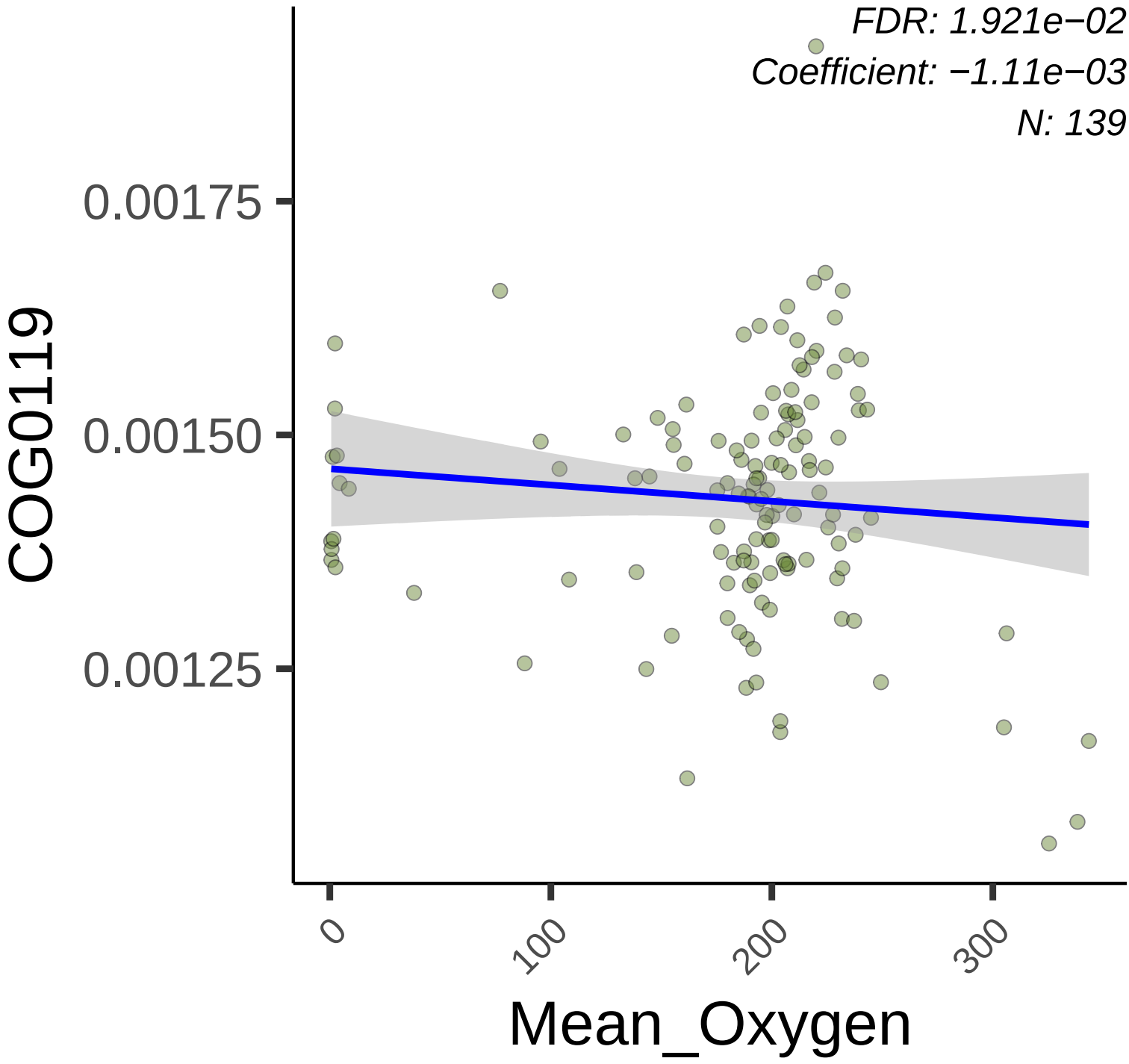
Mean_Oxygen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COG0119
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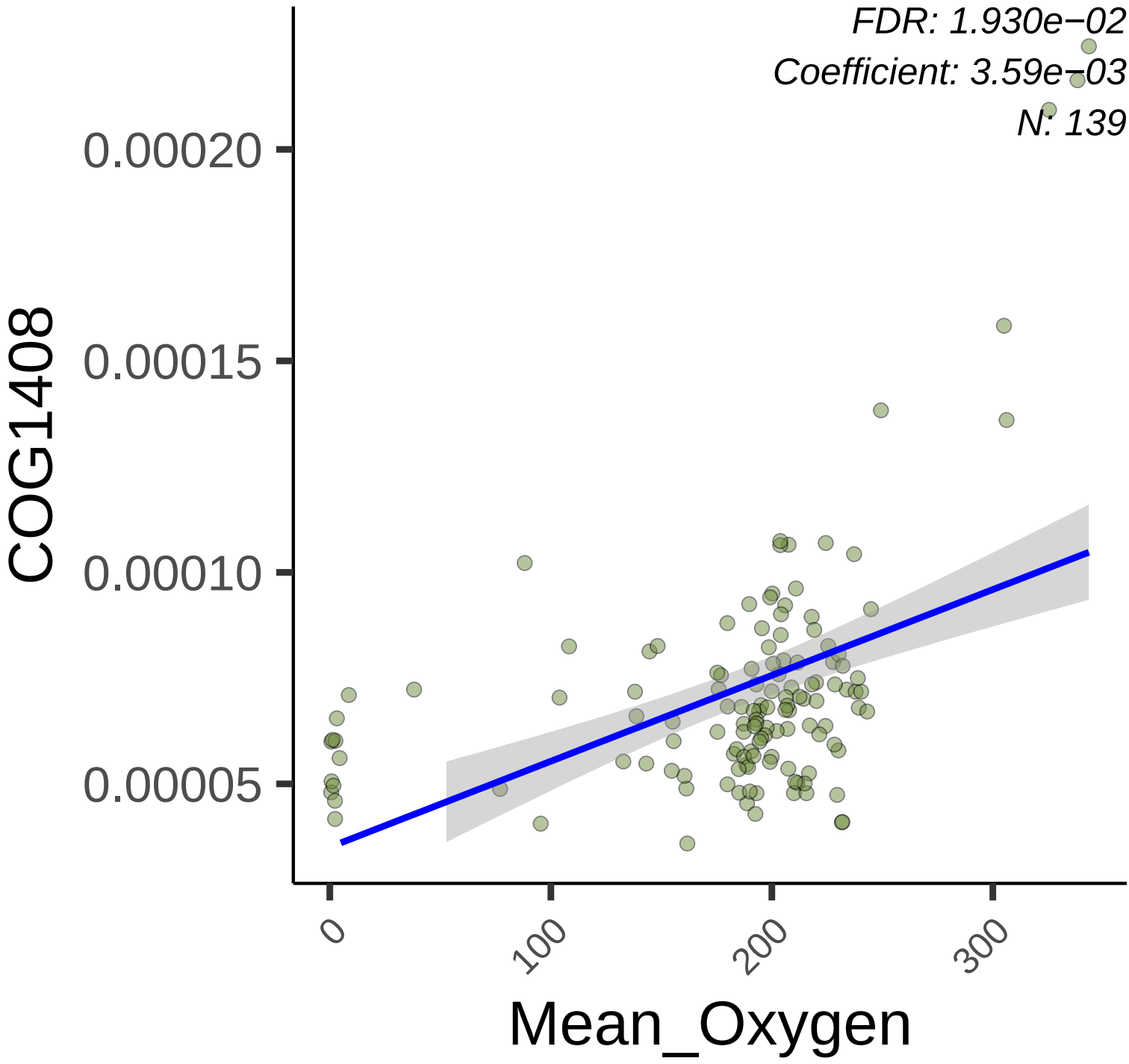
Mean_Oxygen


FDR: 1.930e−02
Coefficient: 3.59e−03
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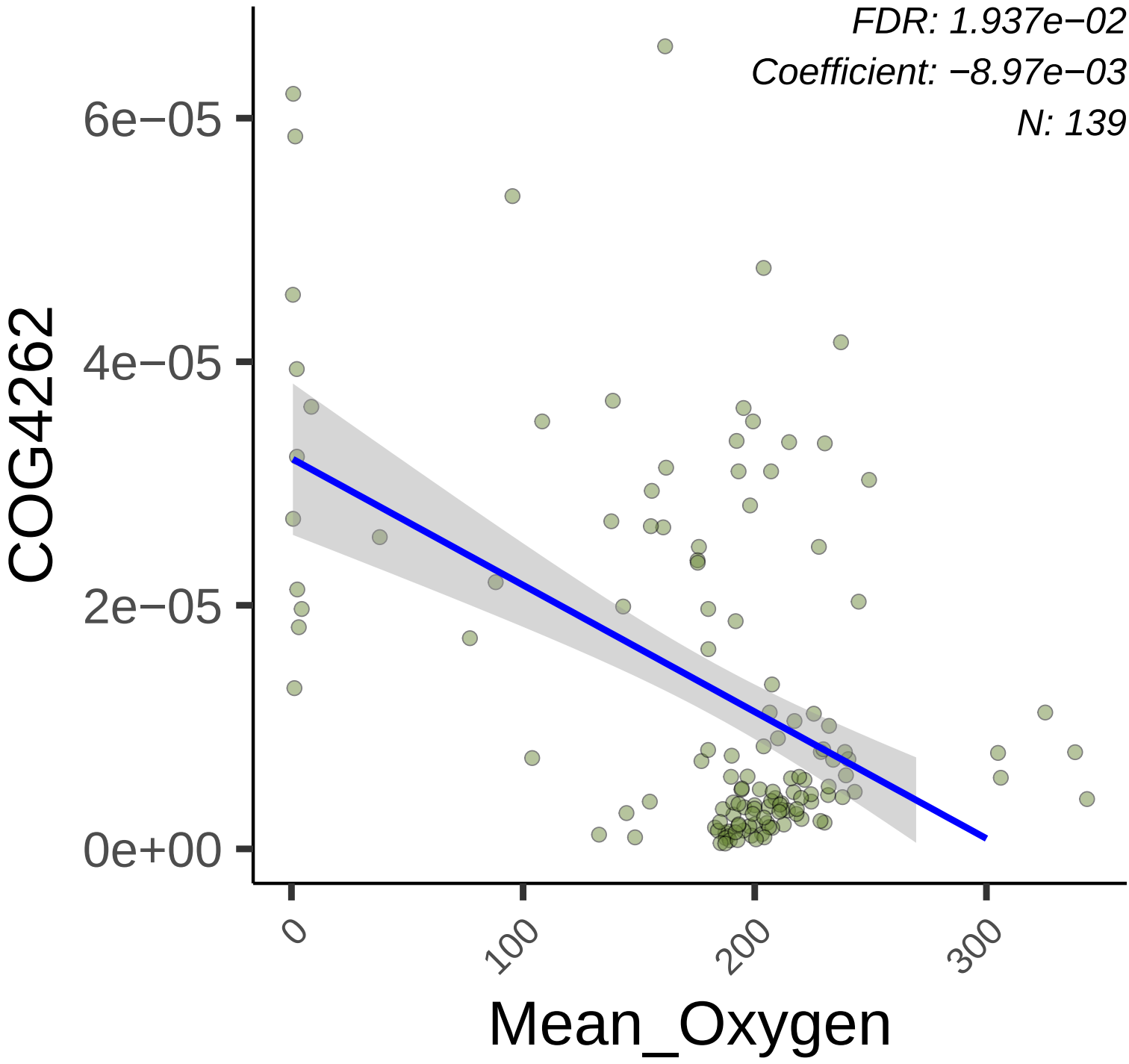
Mean_Oxygen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Coefficient: −8.97e−03
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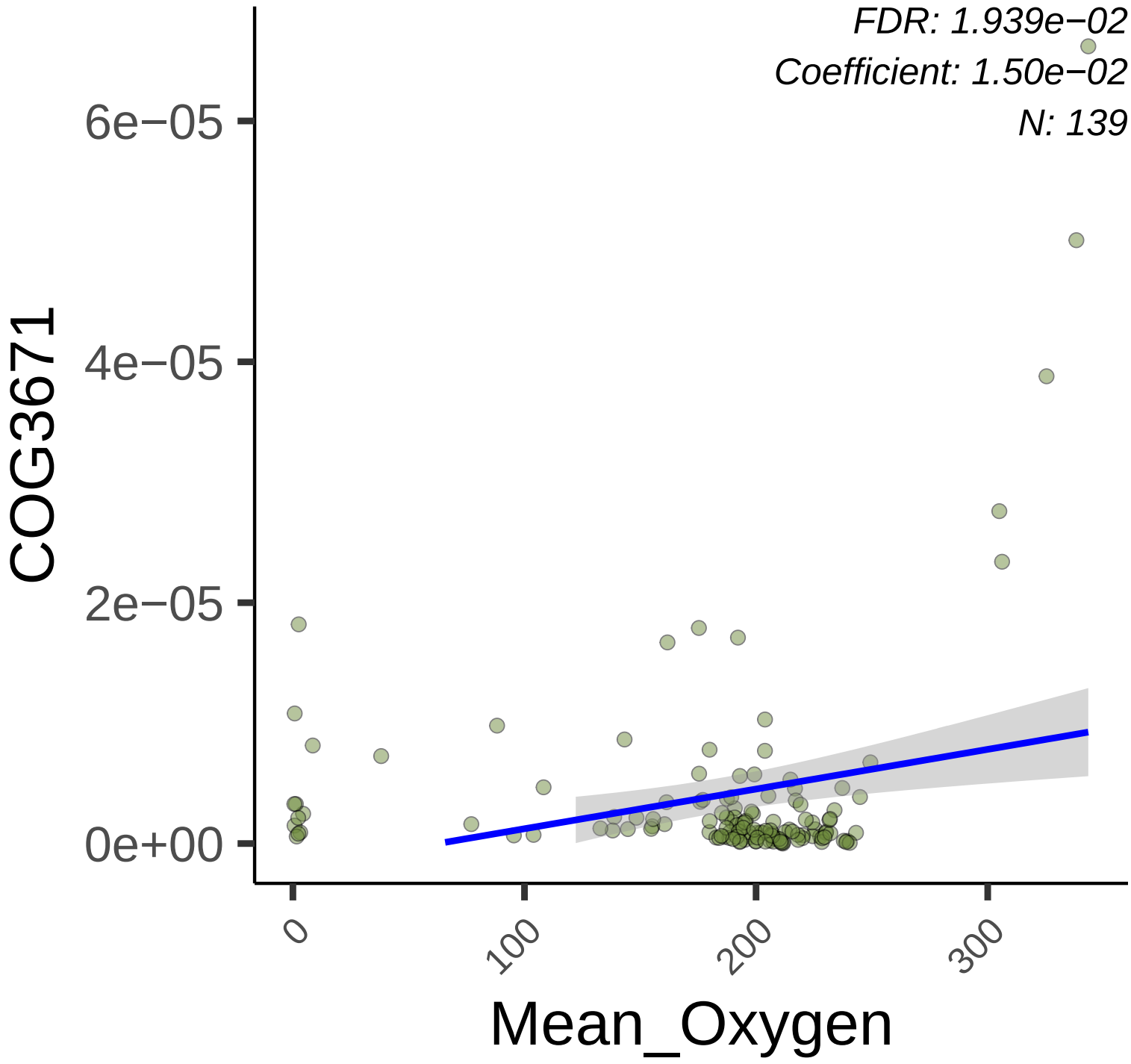
300
Mean_Oxygen


FDR: 1.939e−02
Coefficient: 1.50e−02
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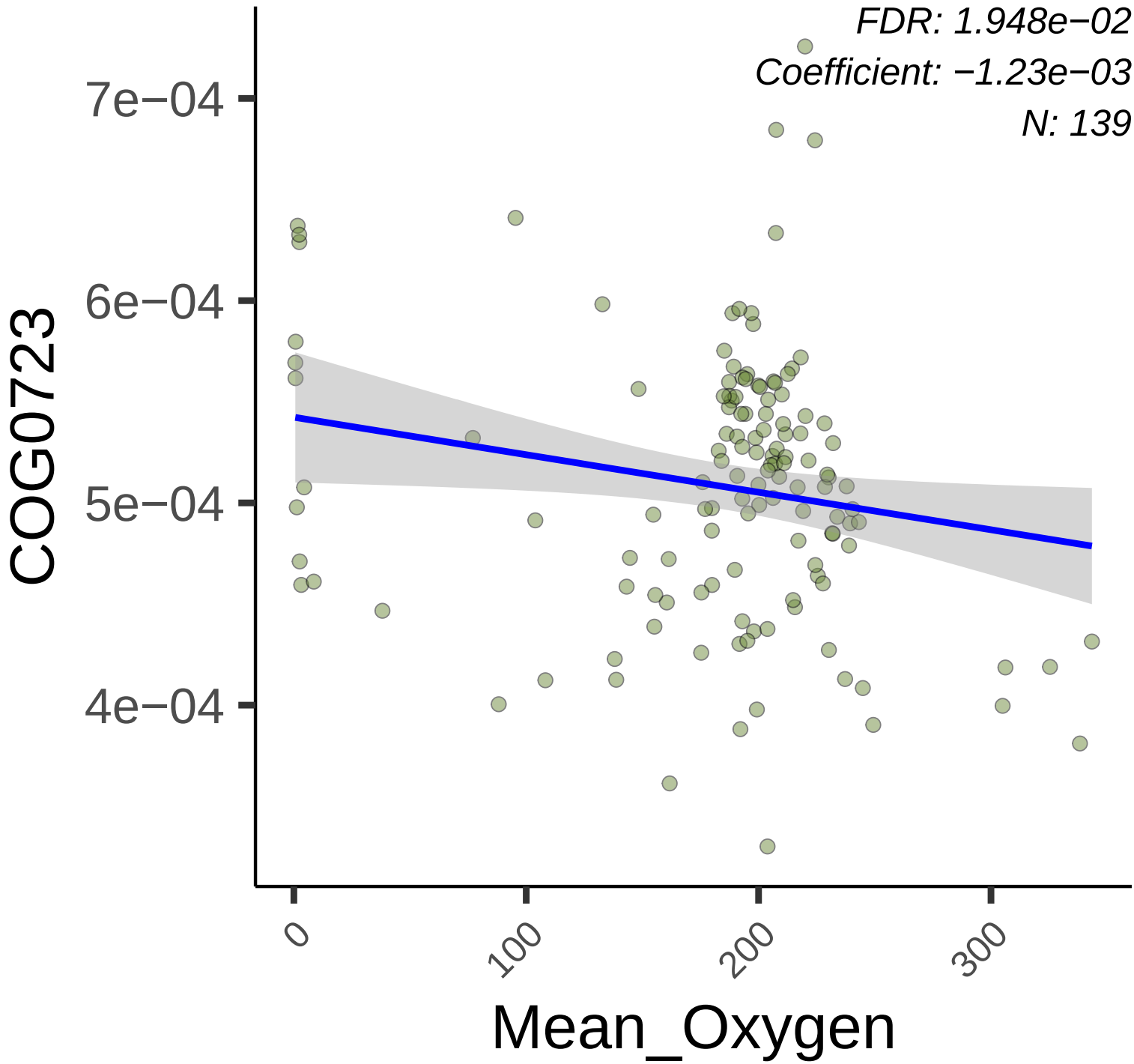
300
Mean_Oxygen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Coefficient: −1.23e−03
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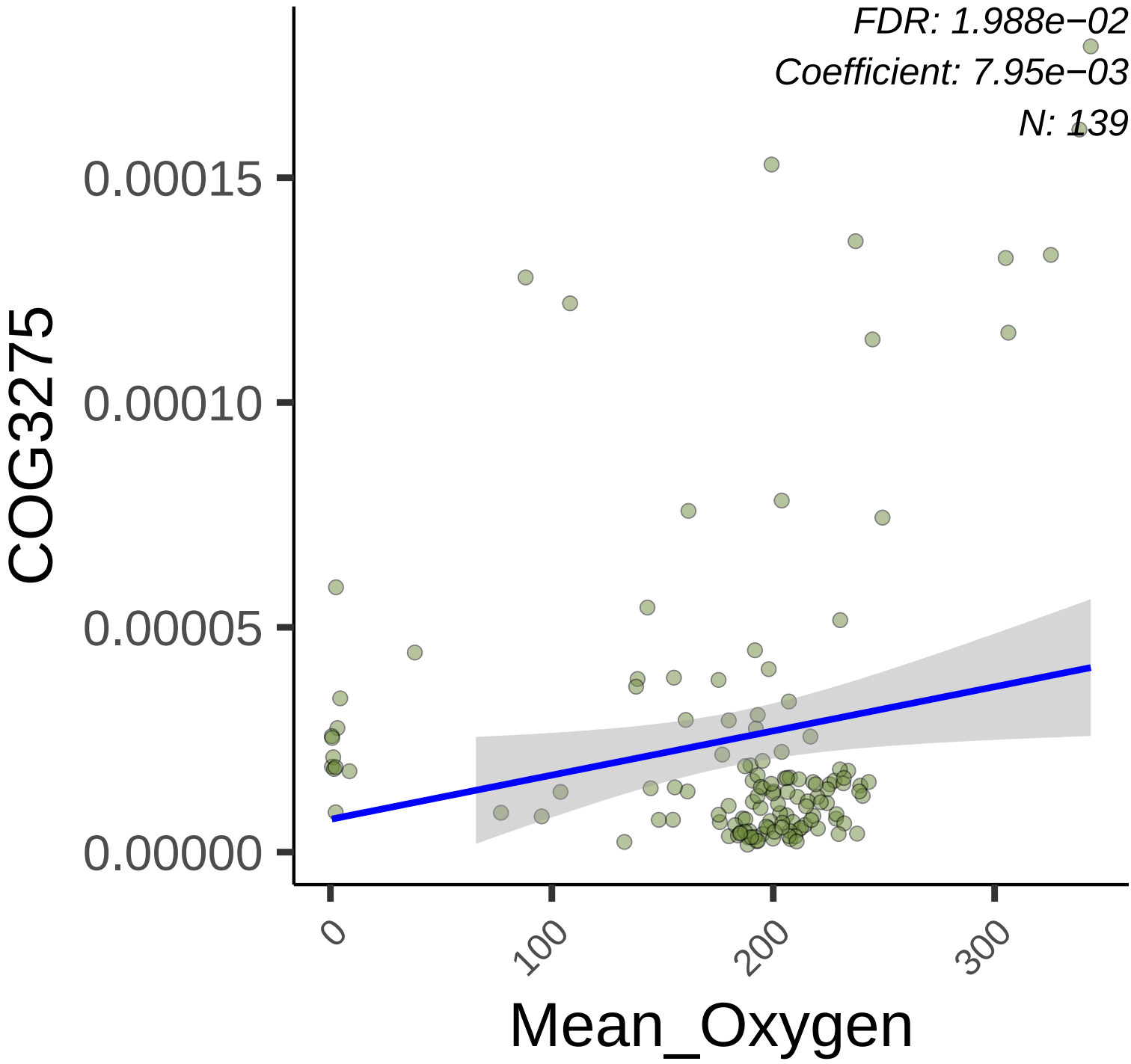
Mean_Oxygen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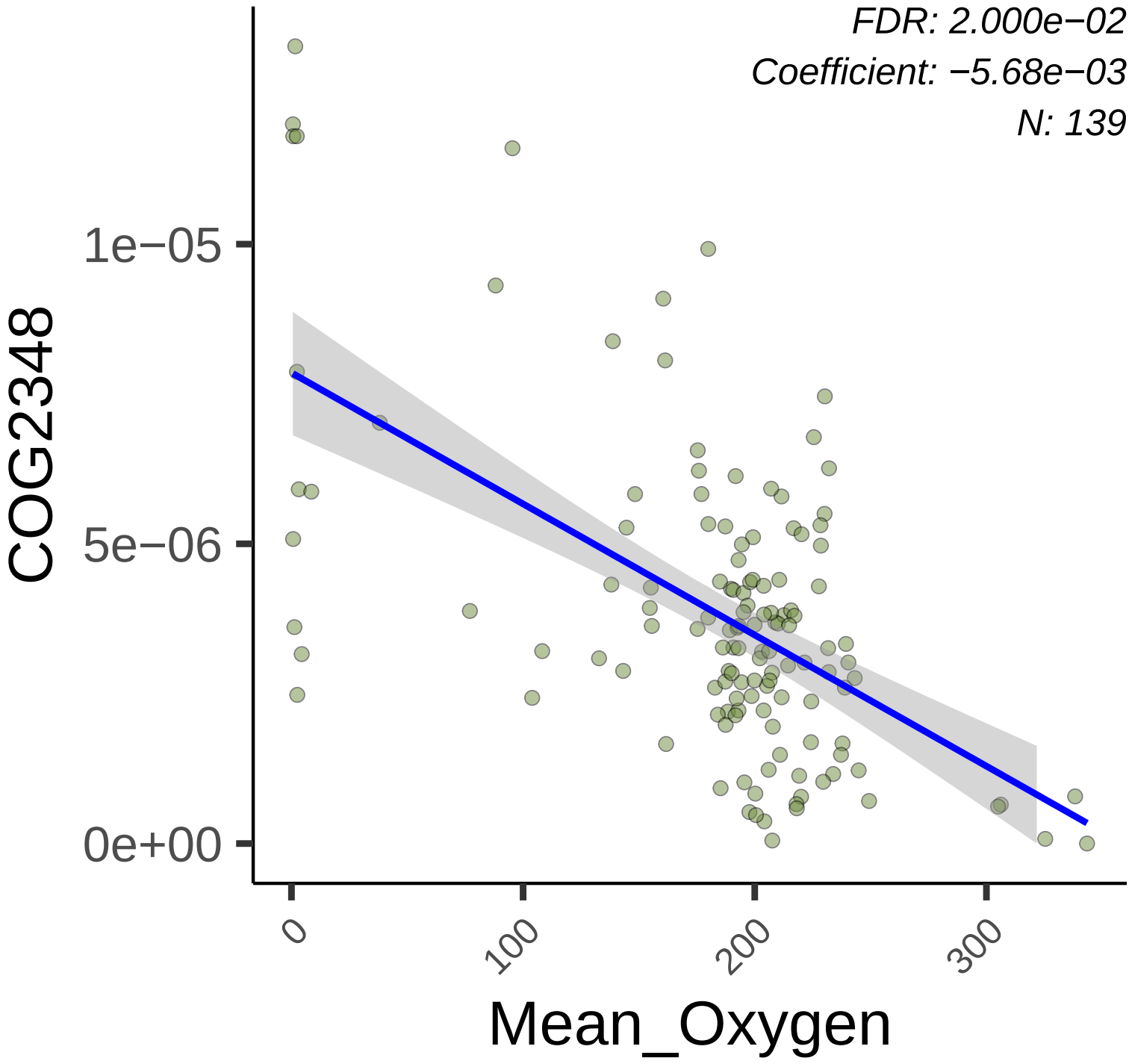
300
Mean_Oxygen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Coefficient: −5.68e−03
N: 139
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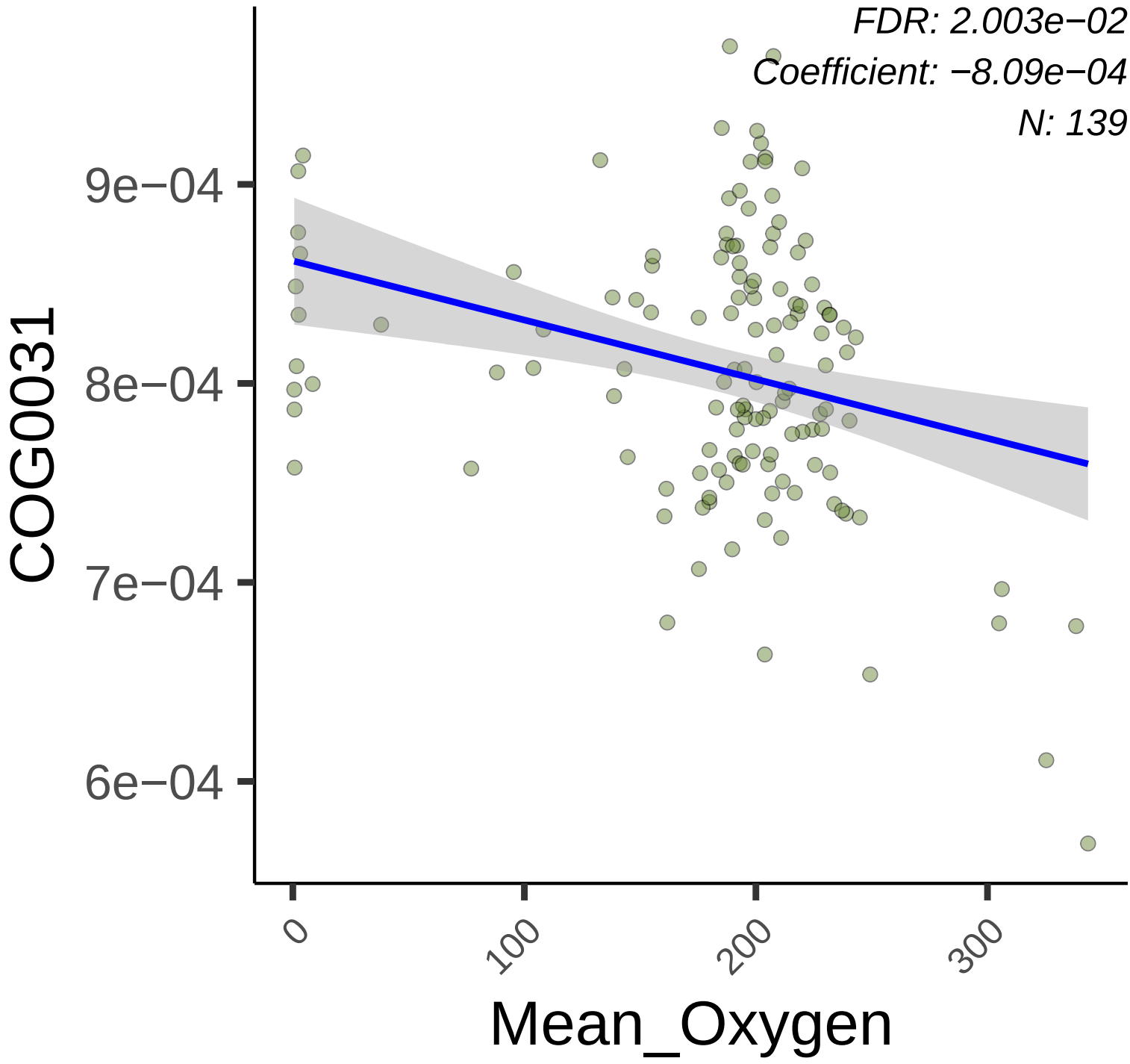
300
Mean_Oxygen


FDR: 2.003e−02
Coefficient: −8.09e−04
N: 139
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COG0031
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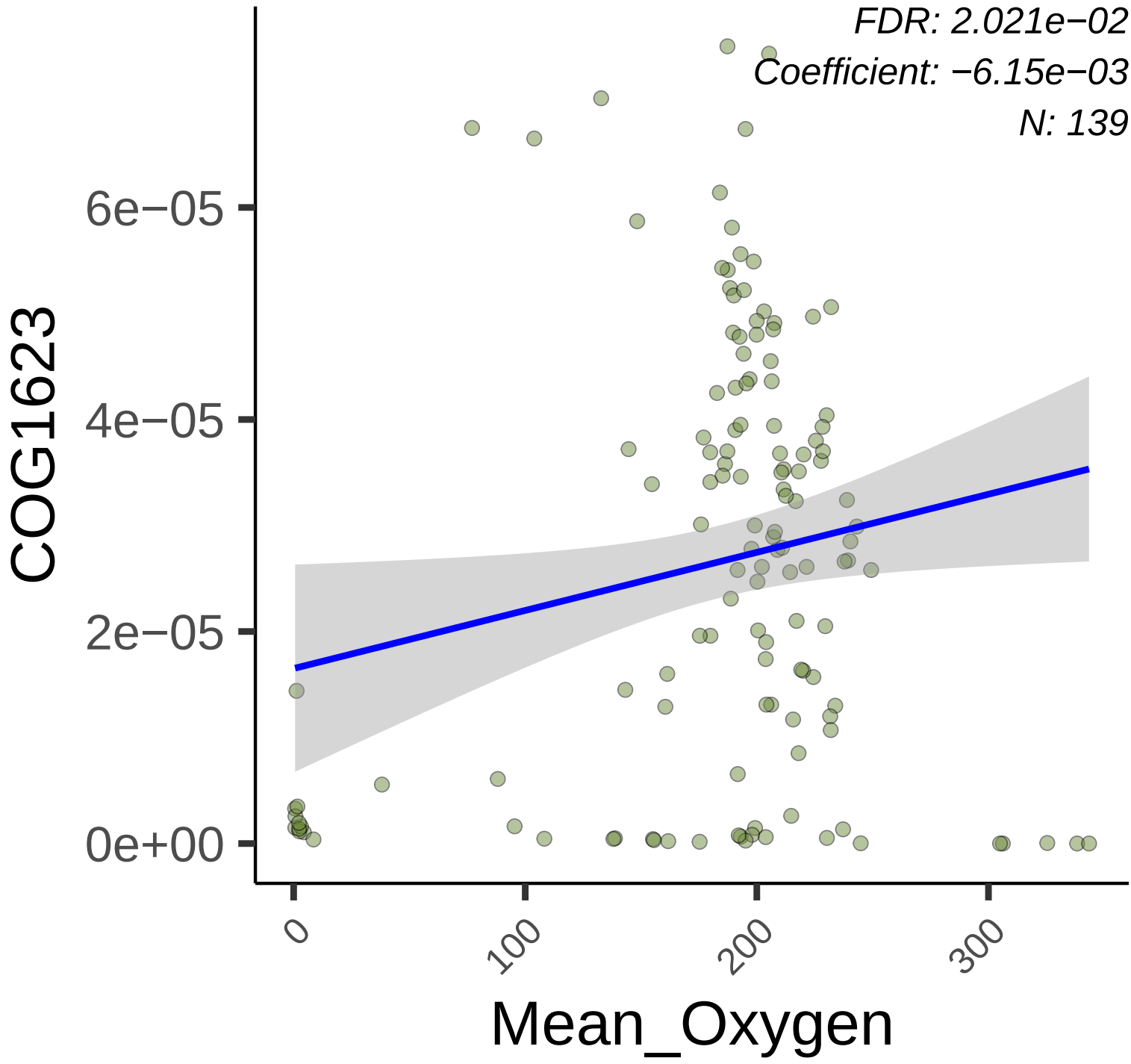
200
300
Mean_Oxygen


FDR: 2.021e−02
Coefficient: −6.15e−03
N: 139
COG1623
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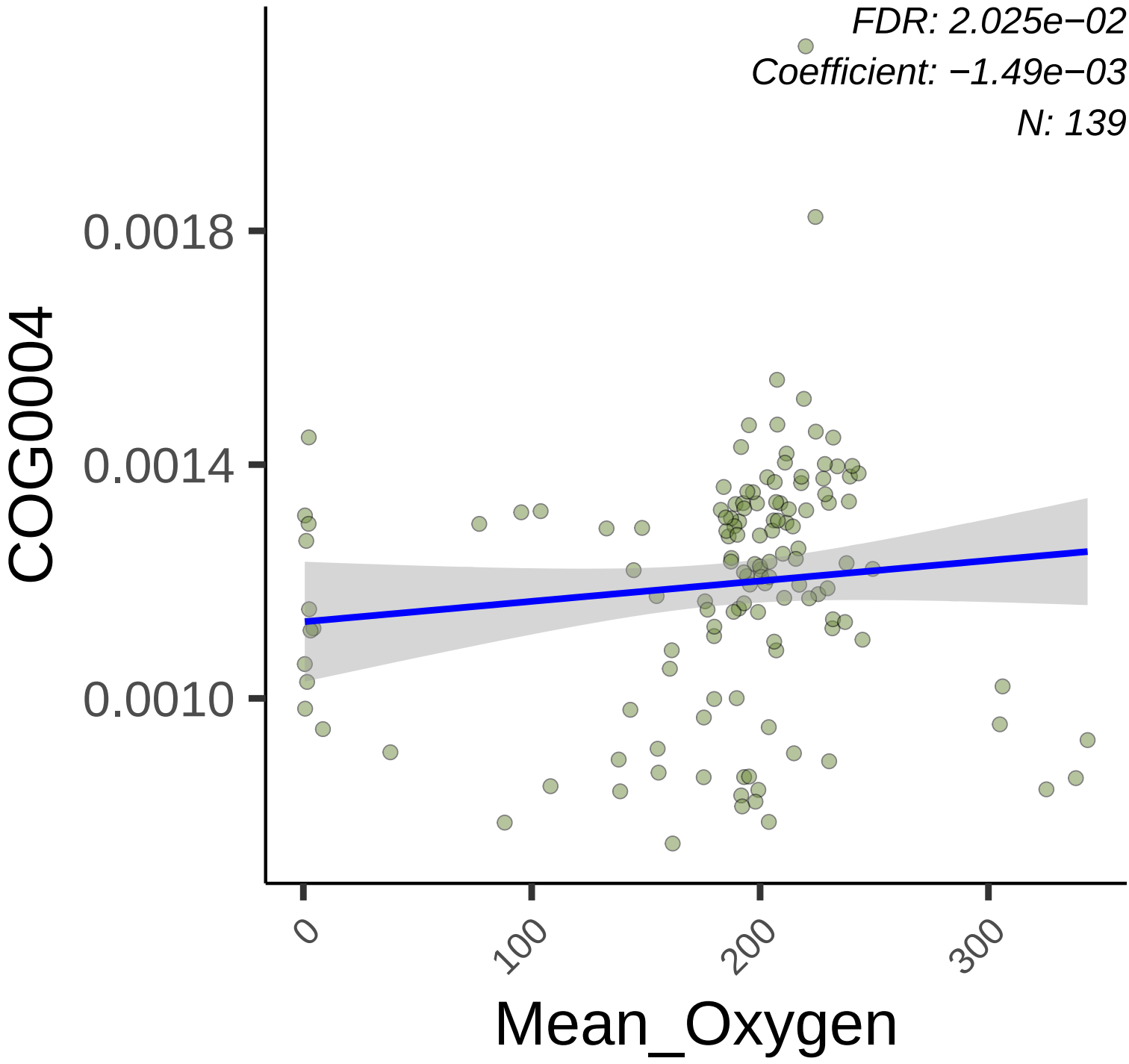
2e−05
0e+00
0
100
200
300
Mean_Oxygen


FDR: 2.025e−02
Coefficient: −1.49e−03
N: 139
COG0004
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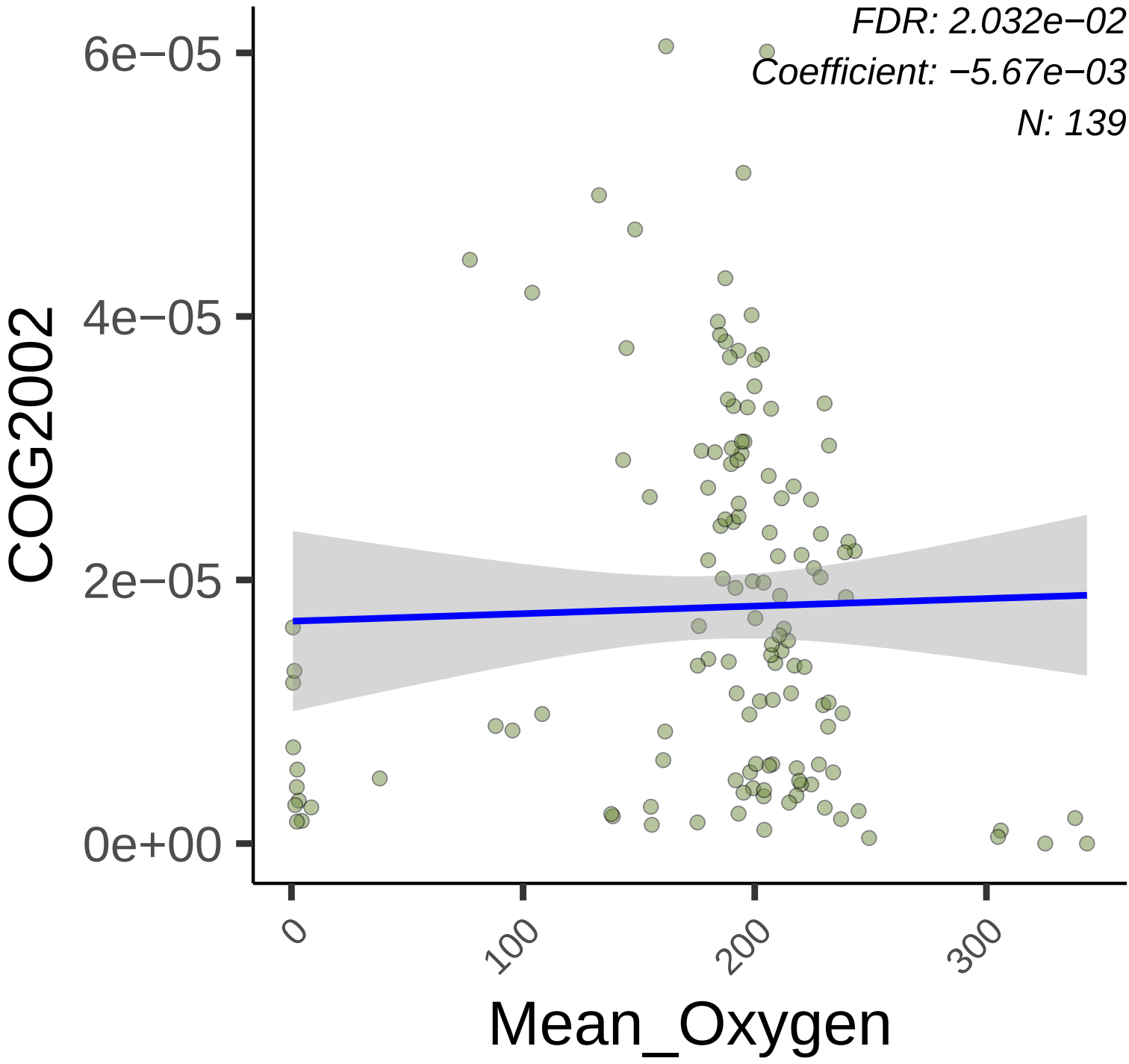
Mean_Oxygen


FDR: 2.032e−02
Coefficient: −5.67e−03
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COG2002
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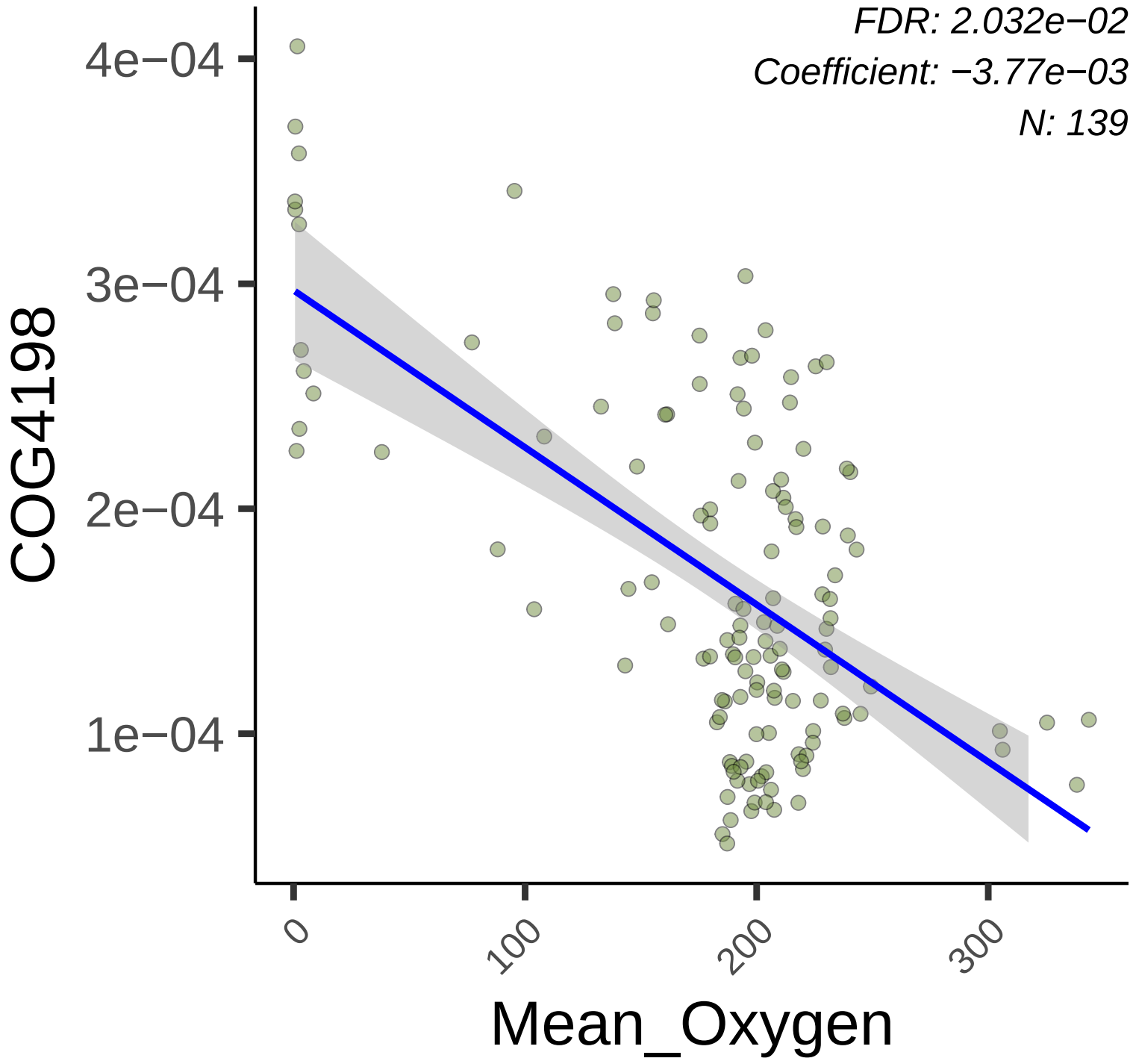
Mean_Oxygen


FDR: 2.032e−02
Coefficient: −3.77e−03
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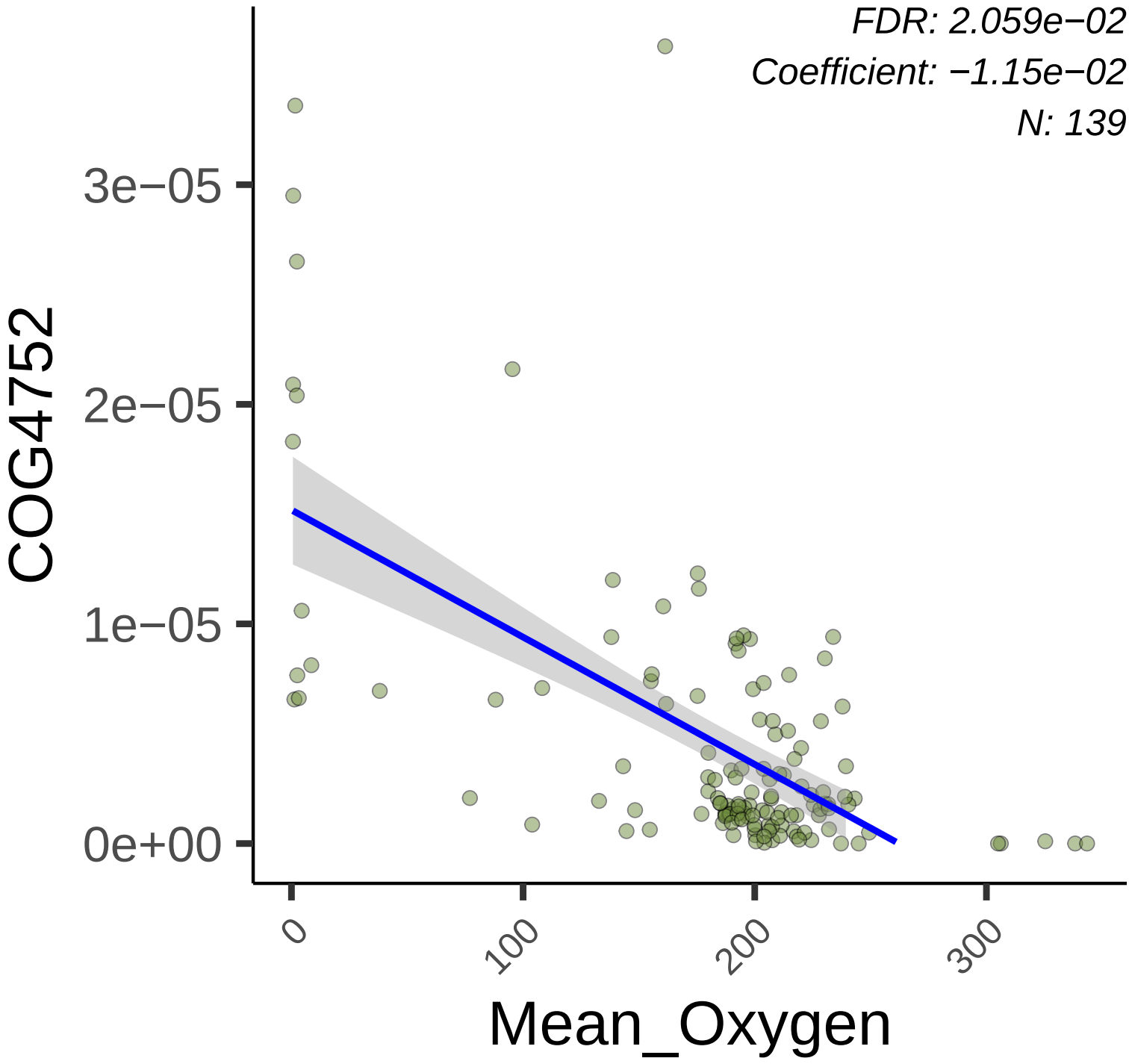
Mean_Oxygen


FDR: 2.059e−02
Coefficient: −1.15e−02
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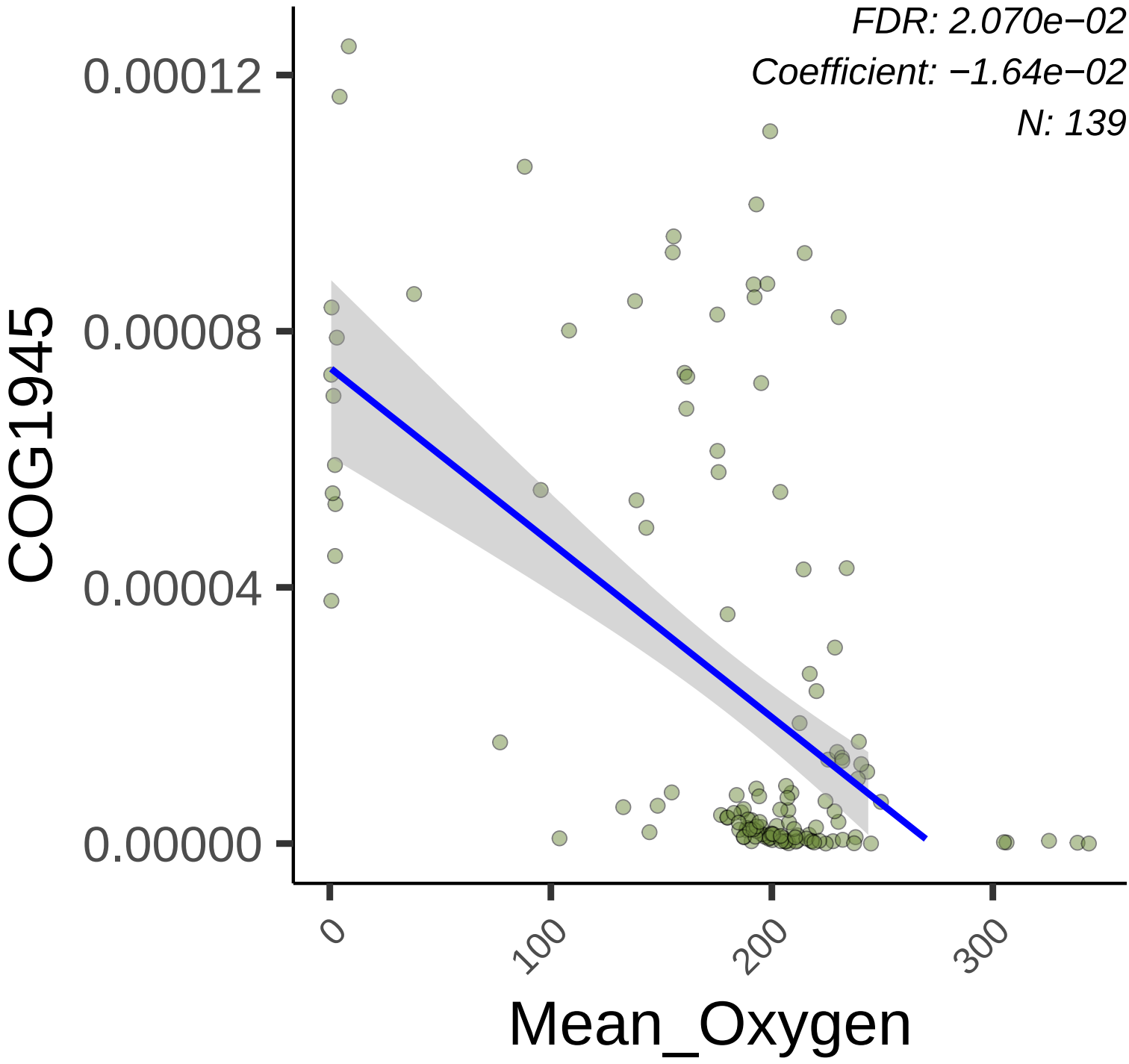
Mean_Oxygen


FDR: 2.070e−02
Coefficient: −1.64e−02
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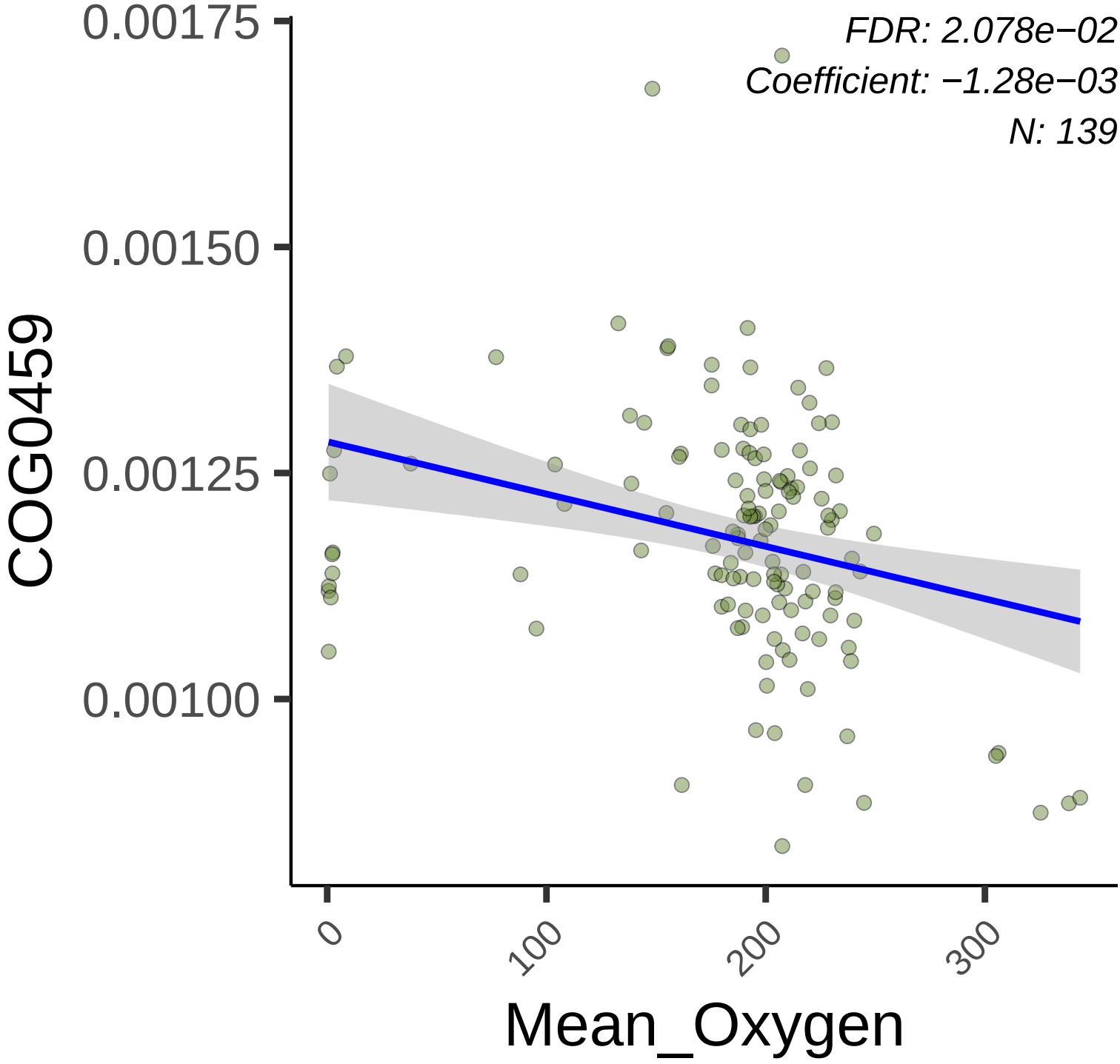
Mean_Oxygen


FDR: 2.078e−02
Coefficient: −1.28e−03
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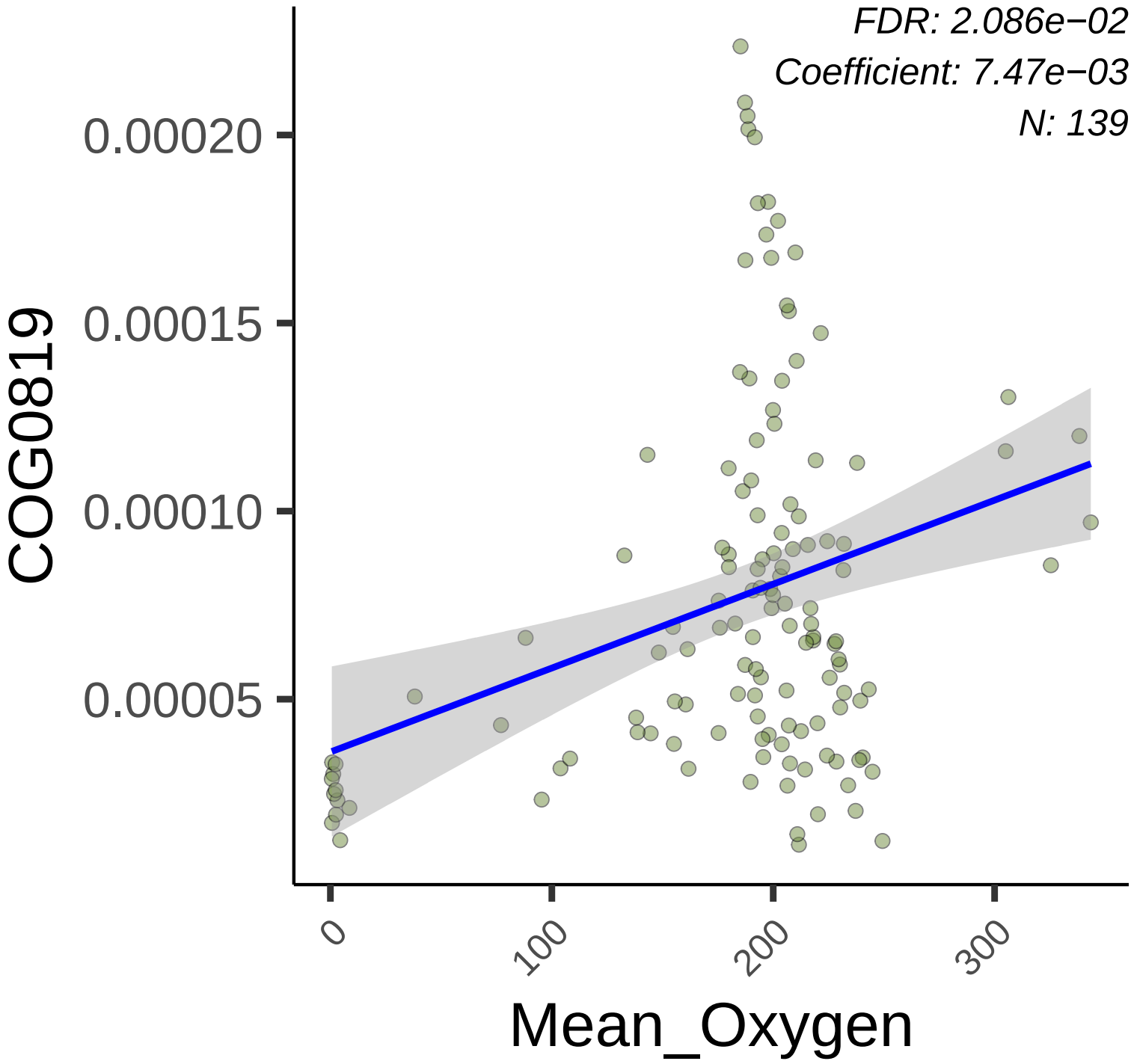
Mean_Oxygen


FDR: 2.086e−02
Coefficient: 7.47e−03
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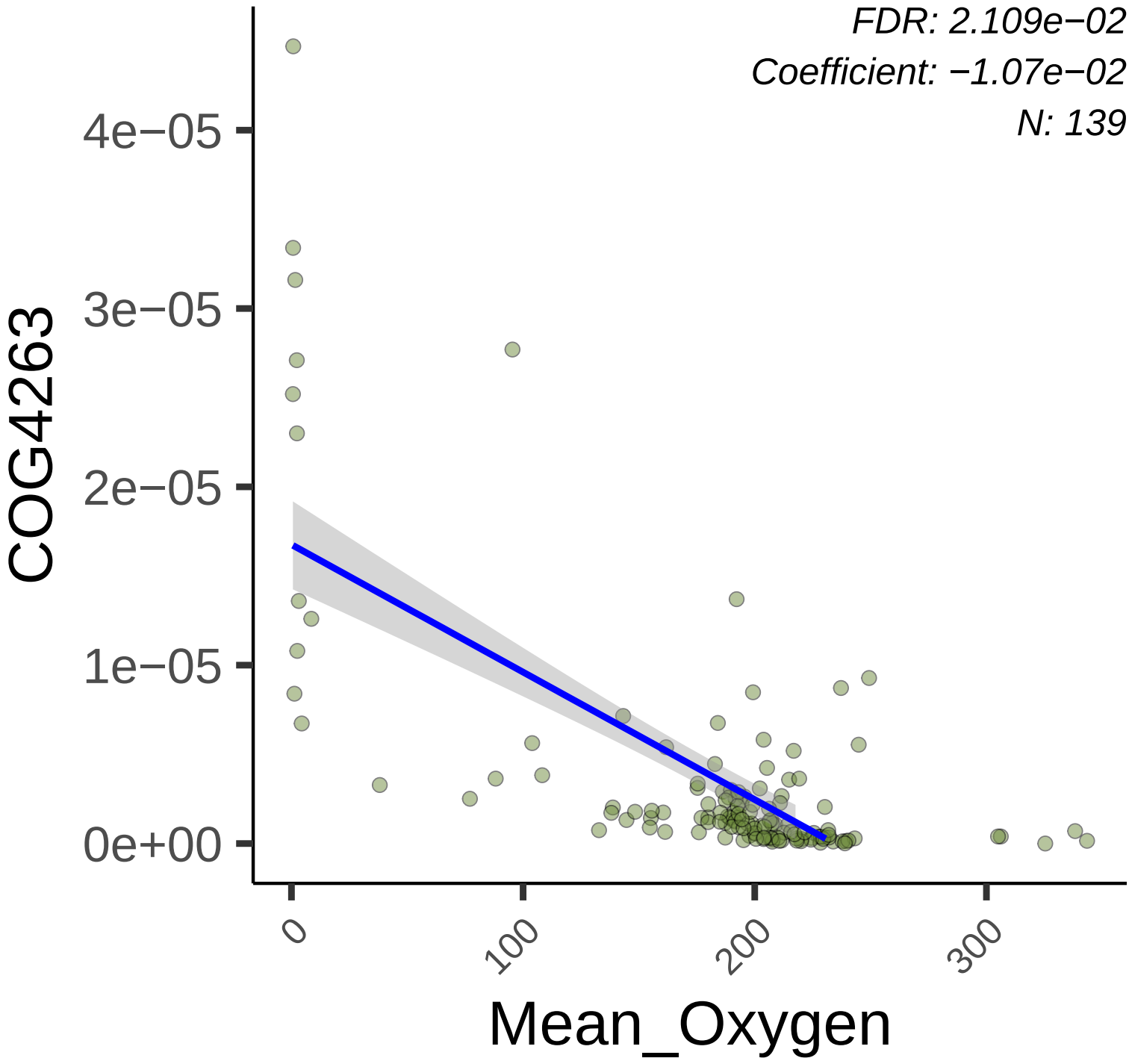
Mean_Oxygen


FDR: 2.109e−02
Coefficient: −1.07e−02
N: 139
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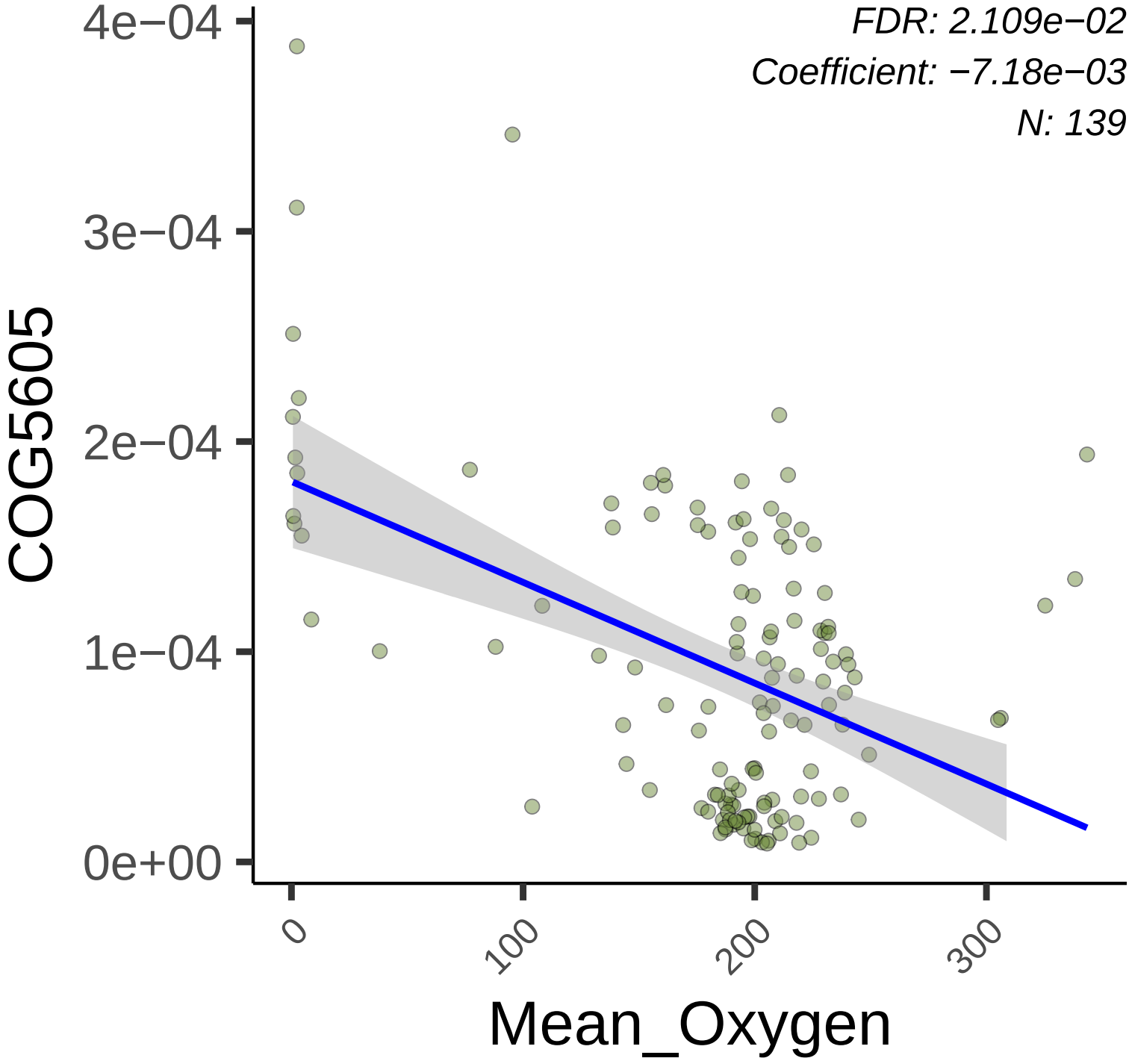
300
Mean_Oxygen


FDR: 2.109e−02
Coefficient: −7.18e−03
N: 139
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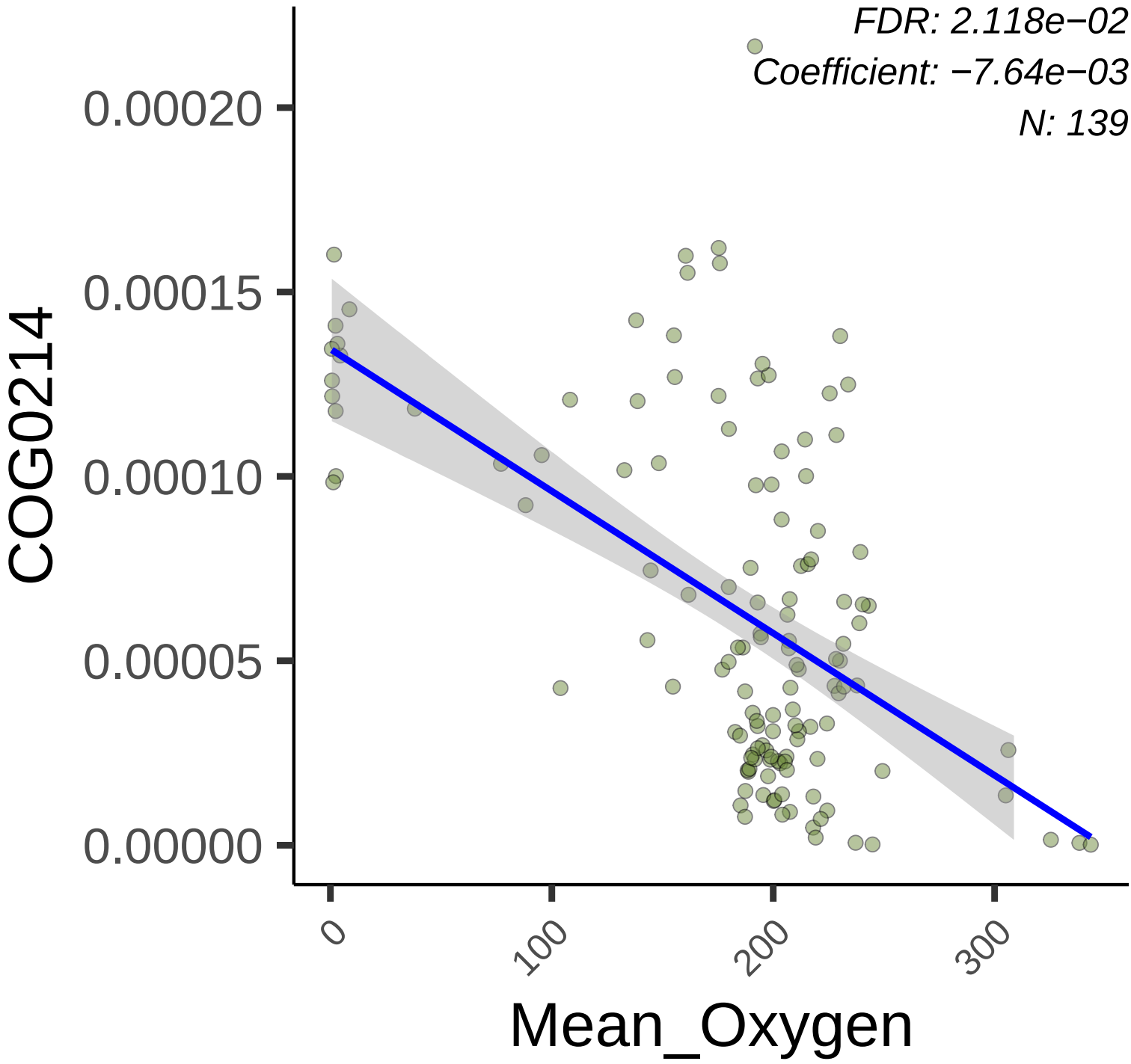
300
Mean_Oxygen


FDR: 2.118e−02
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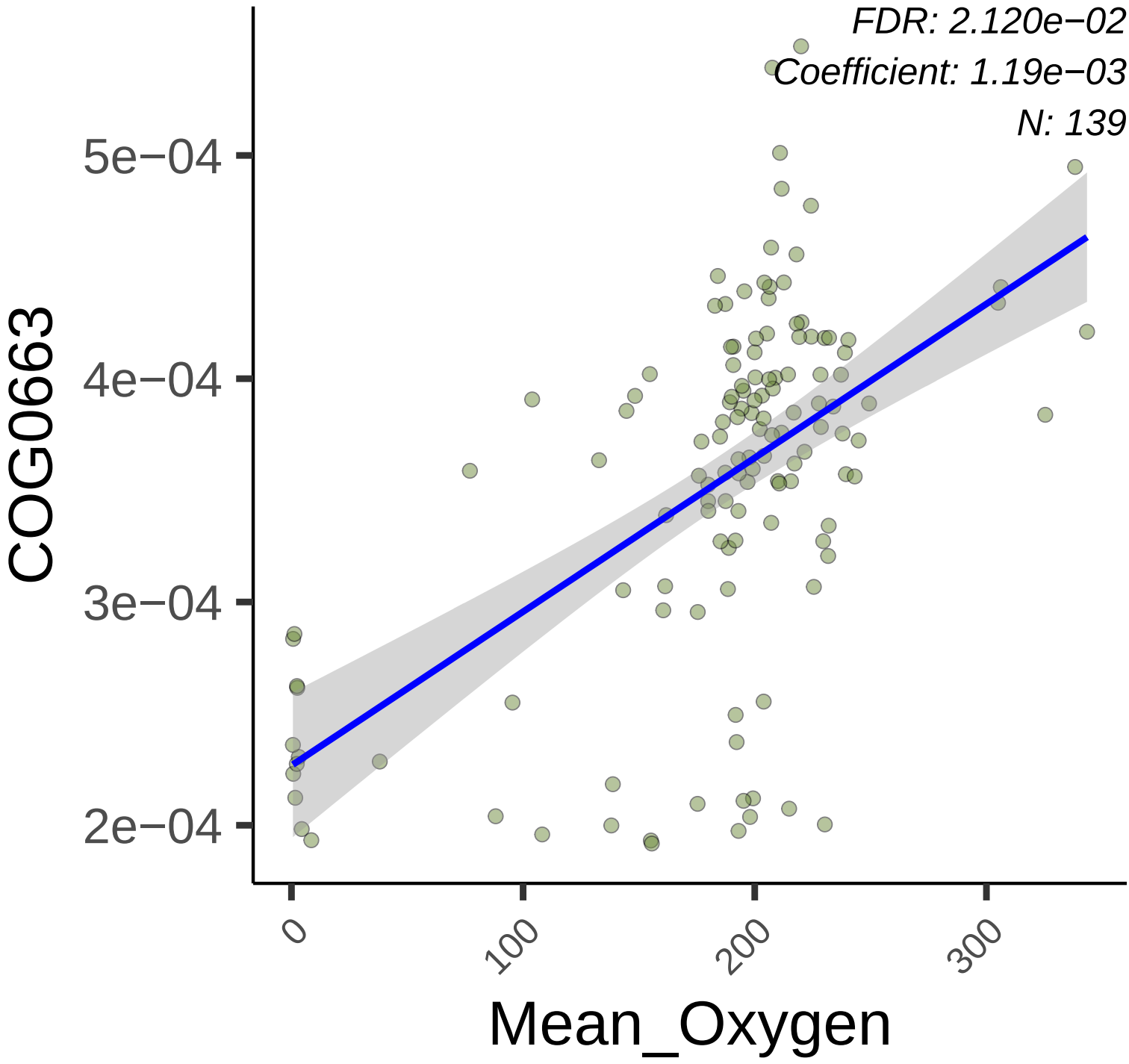
300
Mean_Oxygen


FDR: 2.120e−02
Coefficient: 1.19e−03
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2e−04
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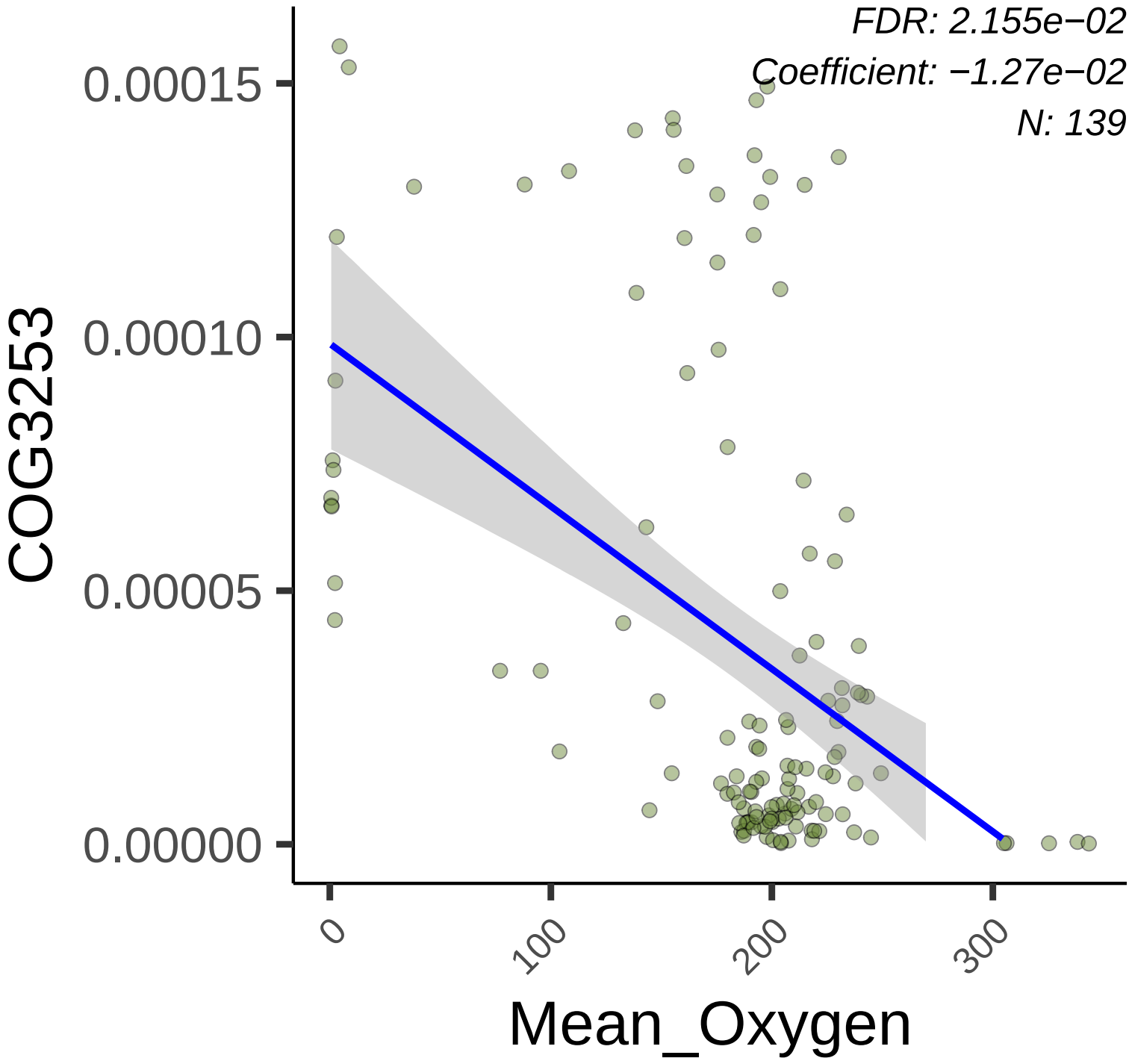
200
300
Mean_Oxygen


FDR: 2.155e−02
Coefficient: −1.27e−02
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COG3253
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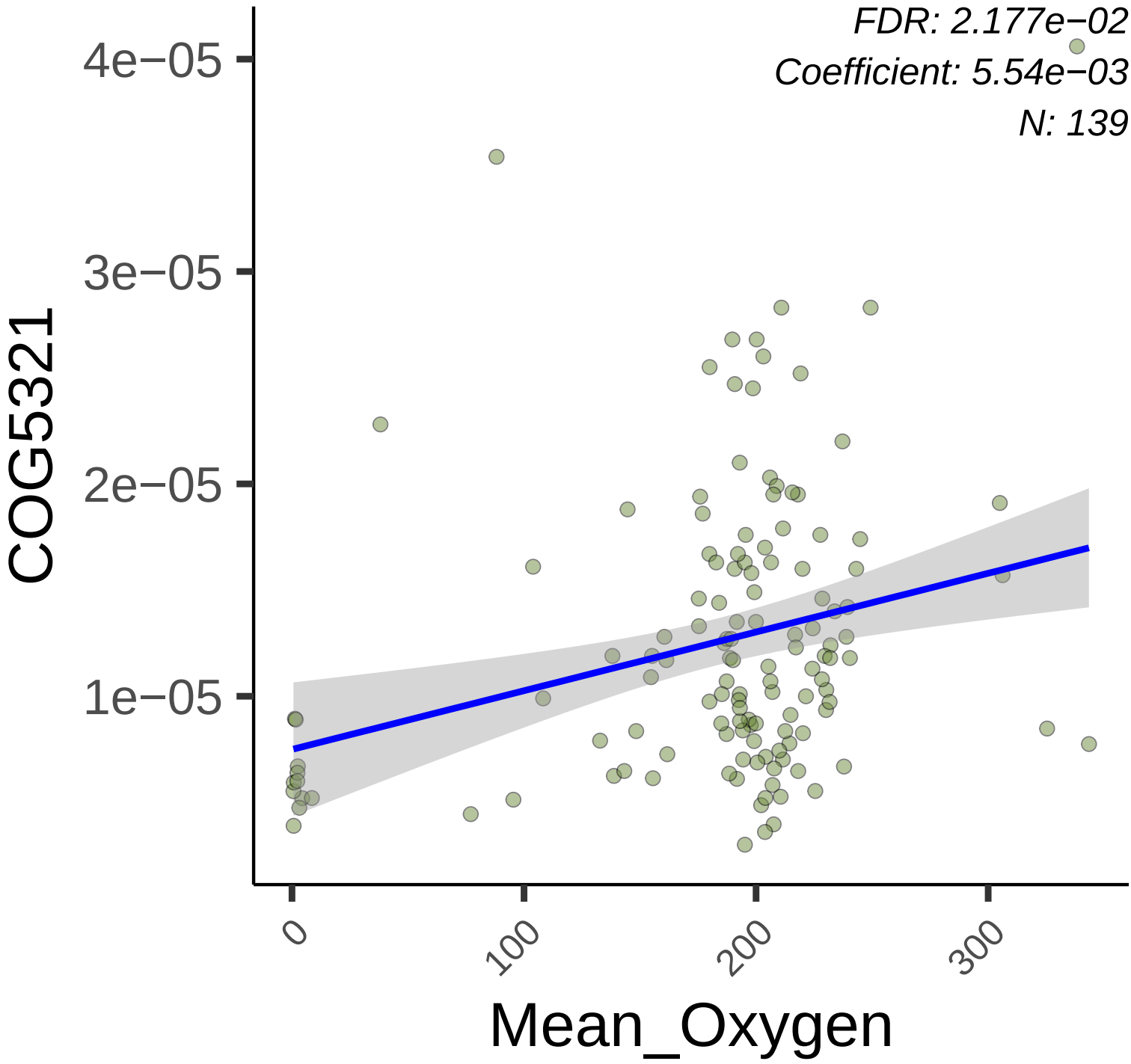
200
300
Mean_Oxygen


FDR: 2.177e−02
Coefficient: 5.54e−03
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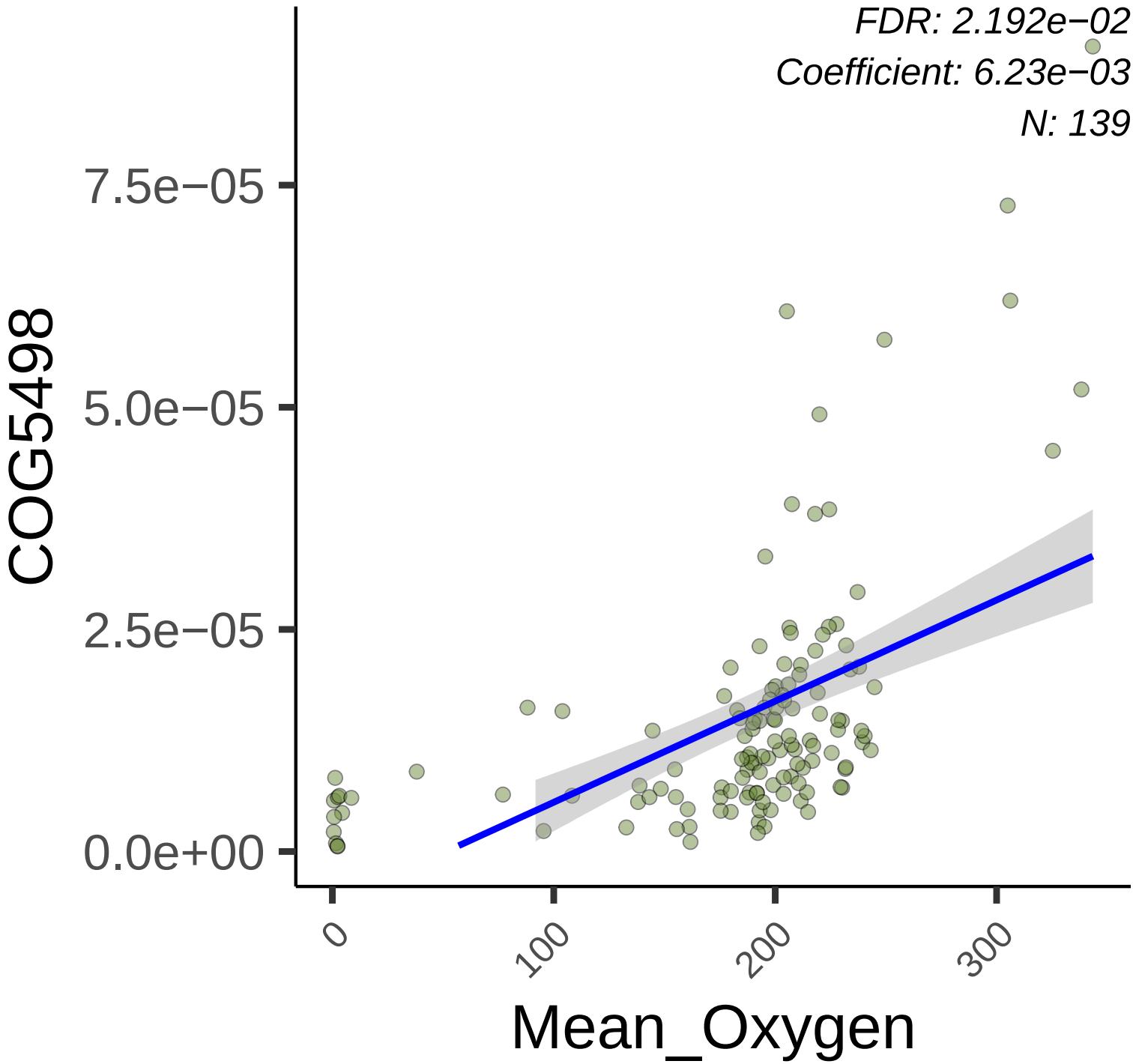
200
300
Mean_Oxygen


FDR: 2.192e−02
Coefficient: 6.23e−03
N: 139
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COG5498
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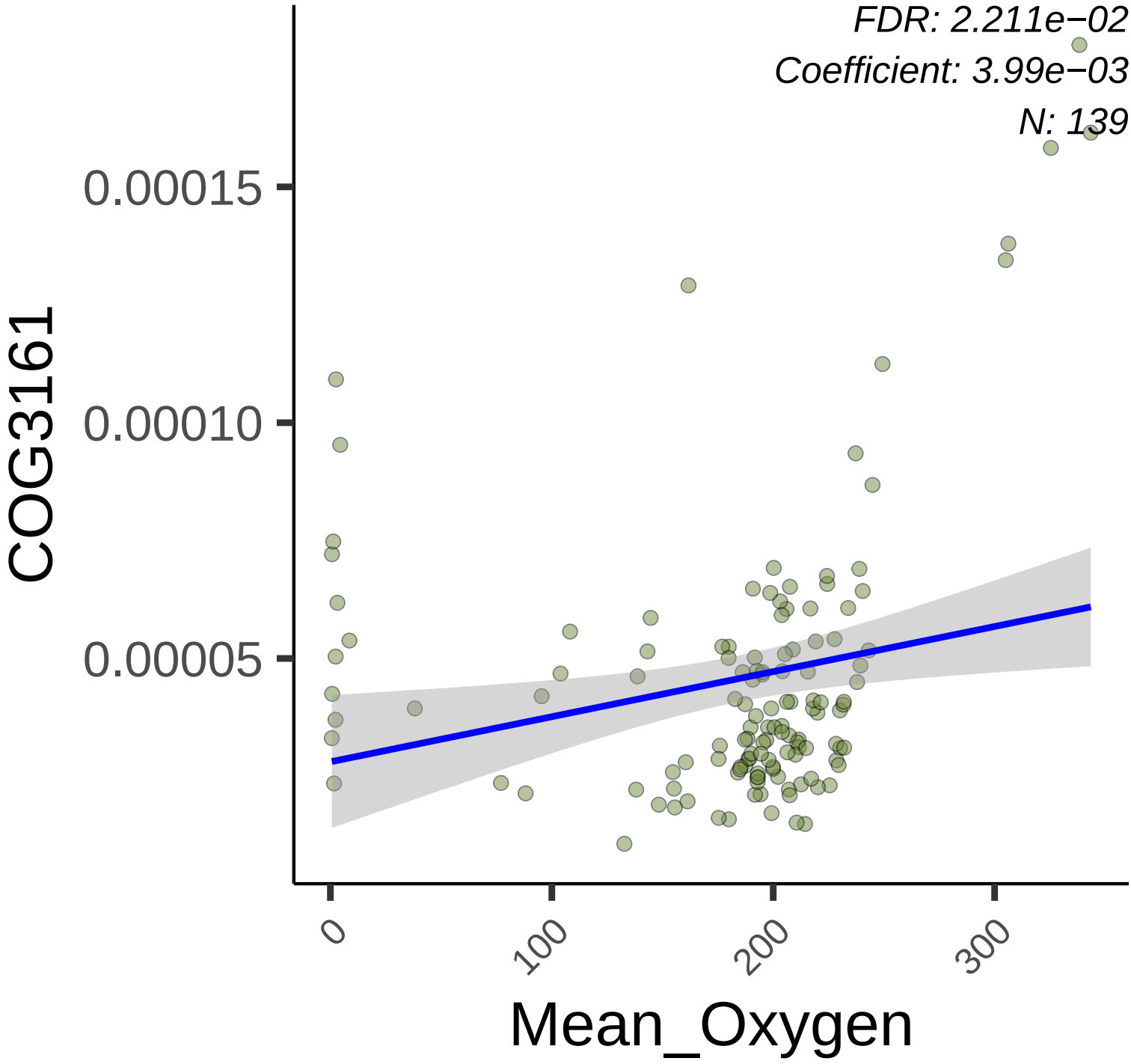
100
200
300
Mean_Oxygen


FDR: 2.211e−02
Coefficient: 3.99e−03
N: 139
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COG3161
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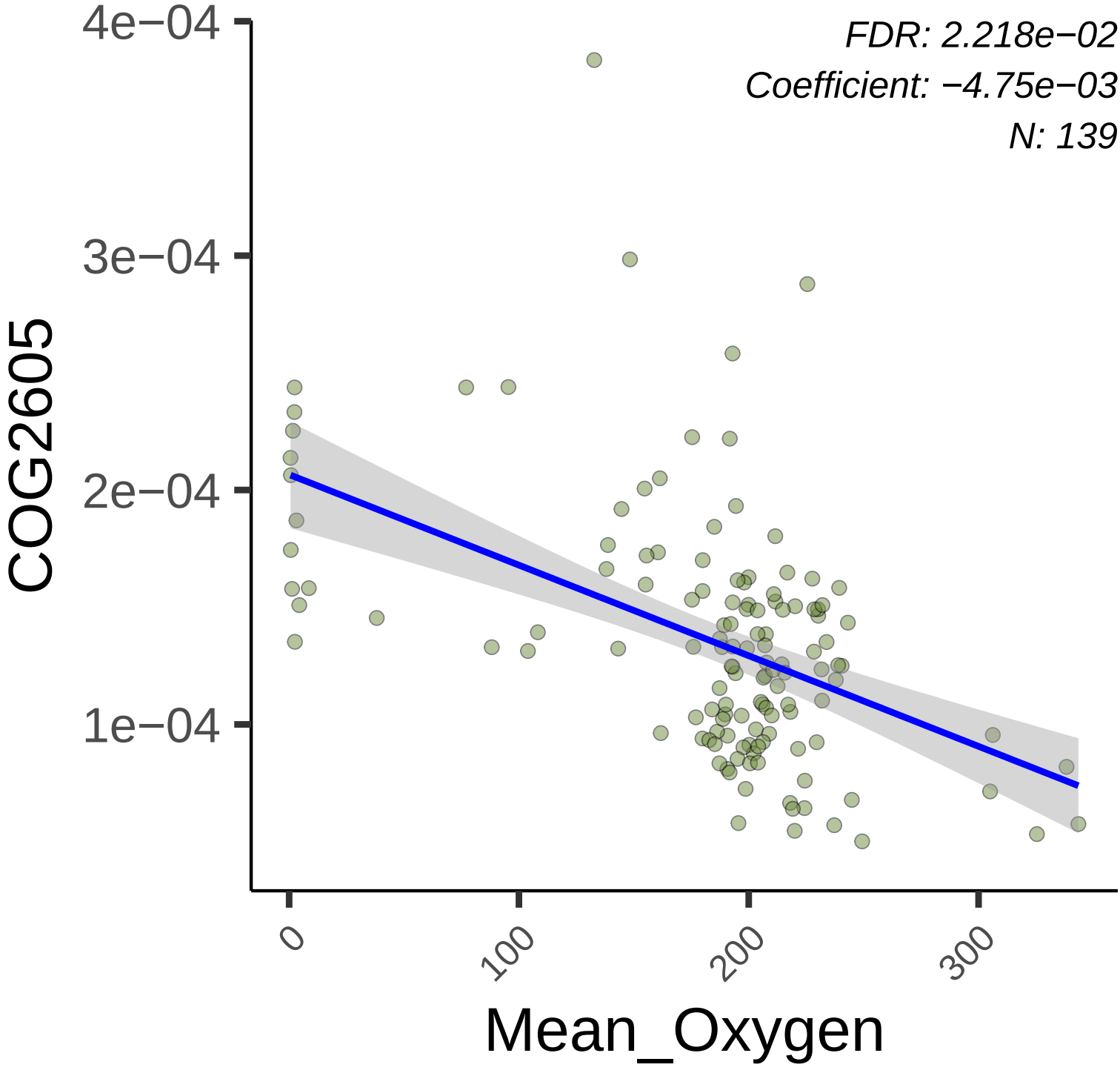
200
300
Mean_Oxygen


FDR: 2.218e−02
Coefficient: −4.75e−03
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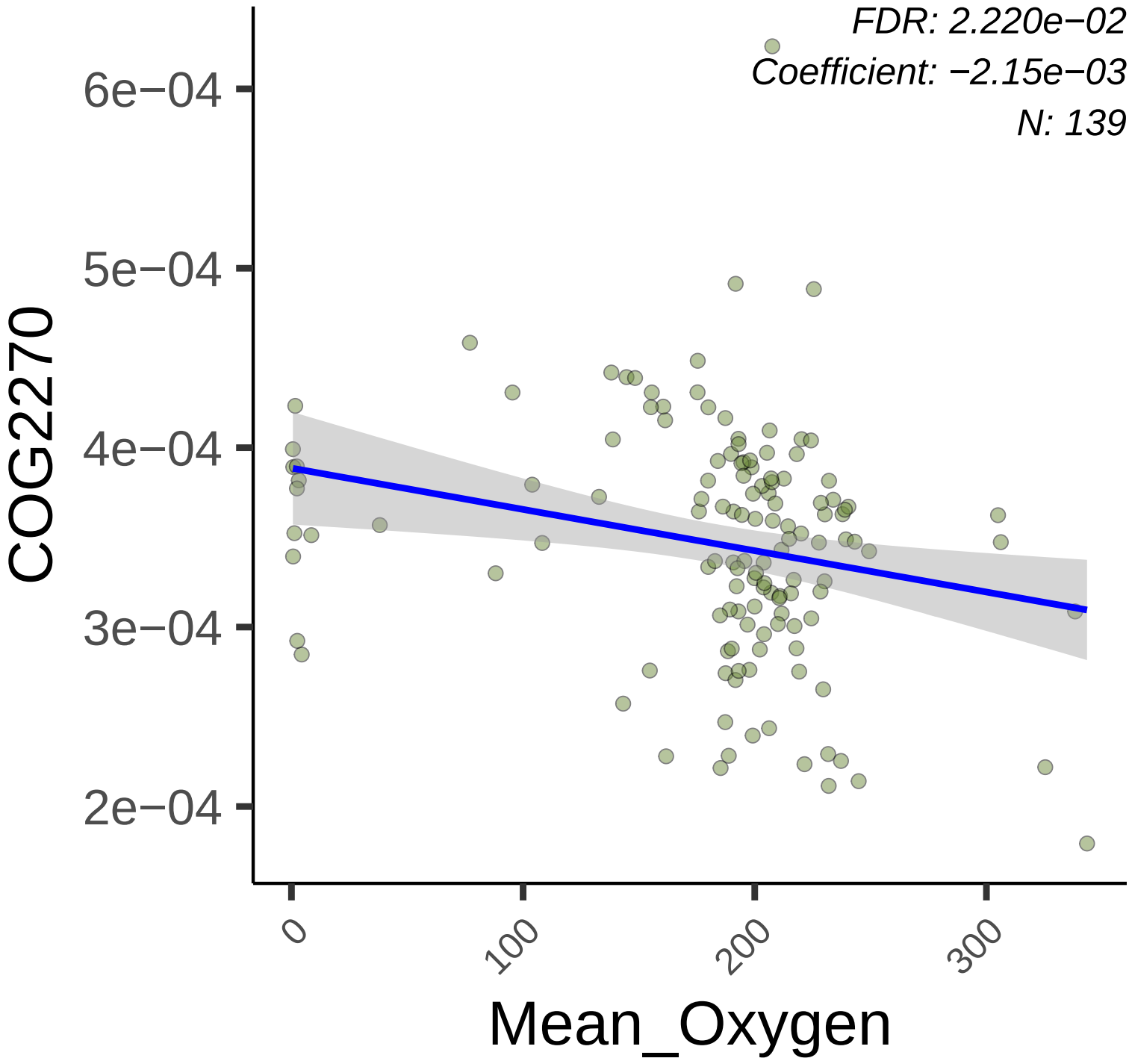
200
300
Mean_Oxygen


FDR: 2.220e−02
Coefficient: −2.15e−03
N: 139
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2e−04
COG2270
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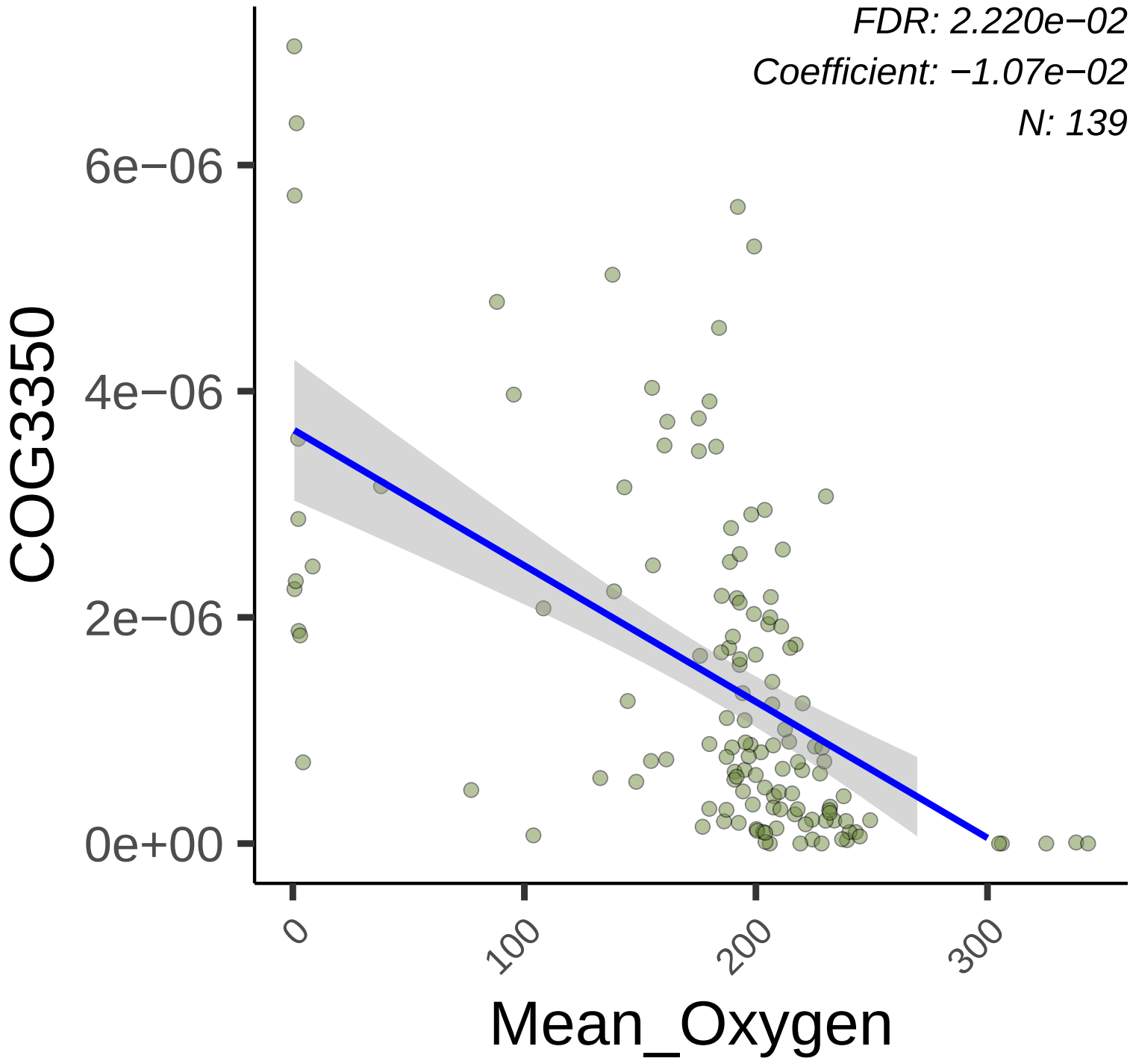
200
300
Mean_Oxygen


FDR: 2.220e−02
Coefficient: −1.07e−02
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COG3350
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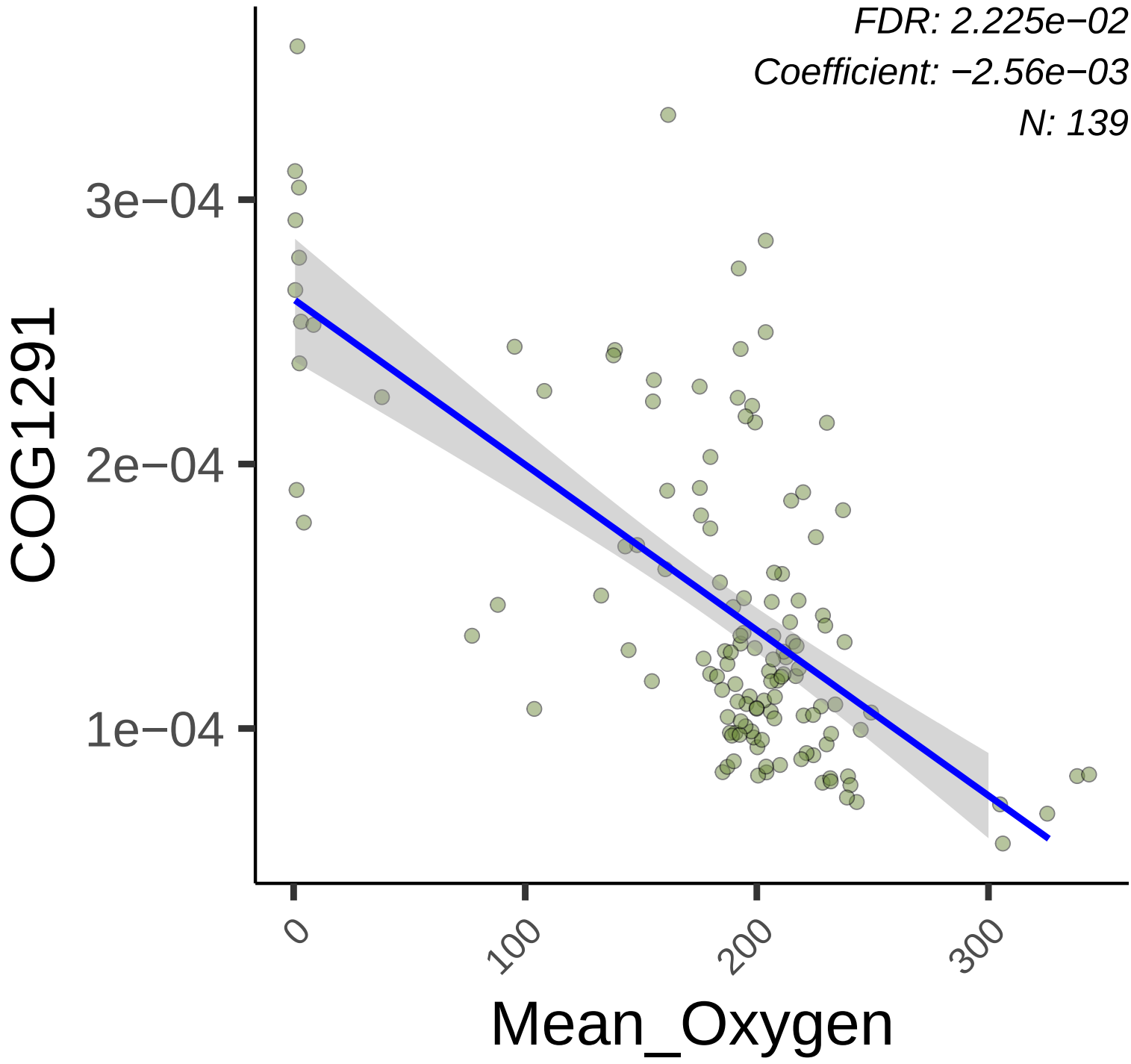
200
300
Mean_Oxygen


FDR: 2.225e−02
Coefficient: −2.56e−03
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COG1291
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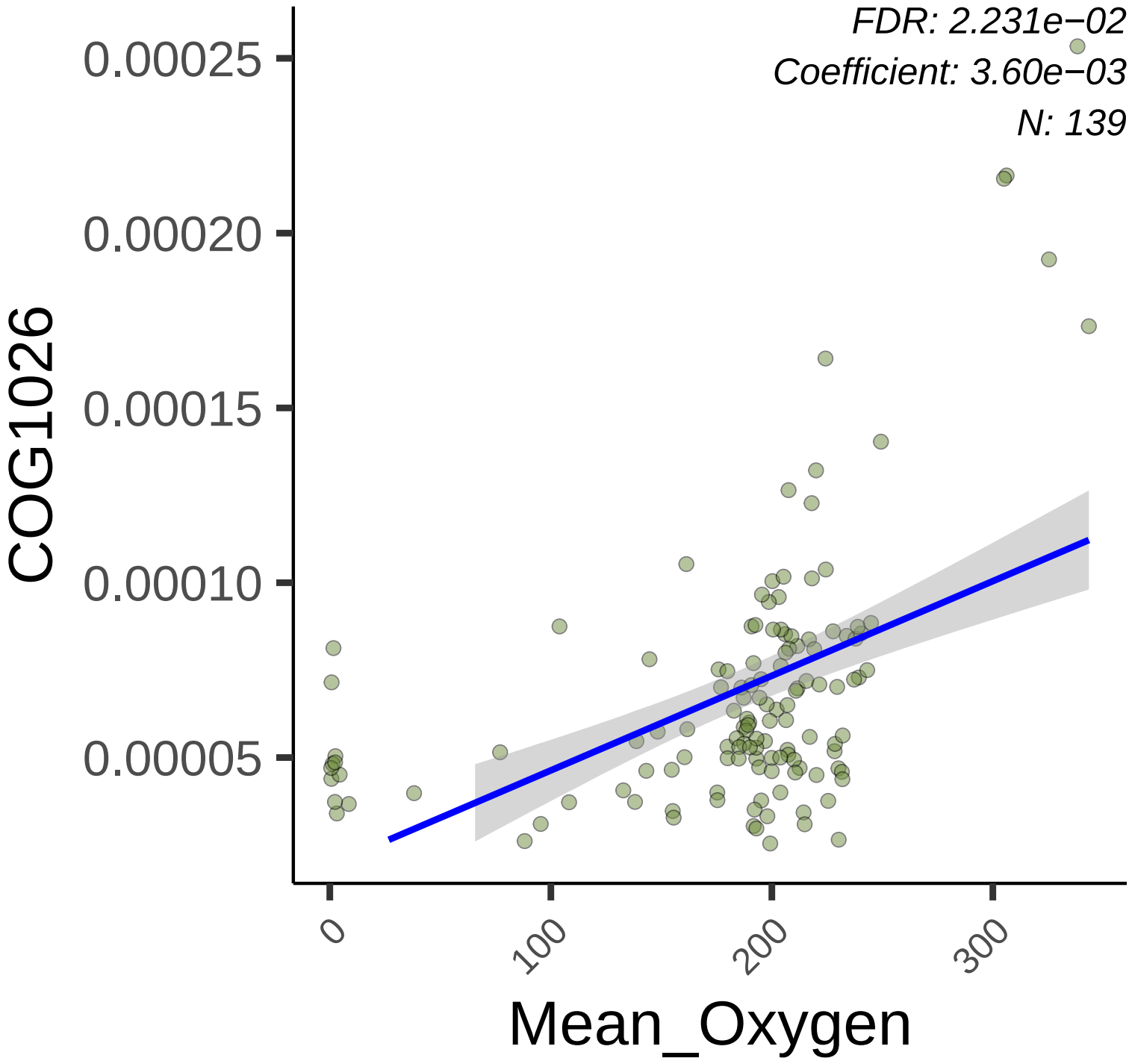
200
300
Mean_Oxygen


FDR: 2.231e−02
Coefficient: 3.60e−03
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COG1026
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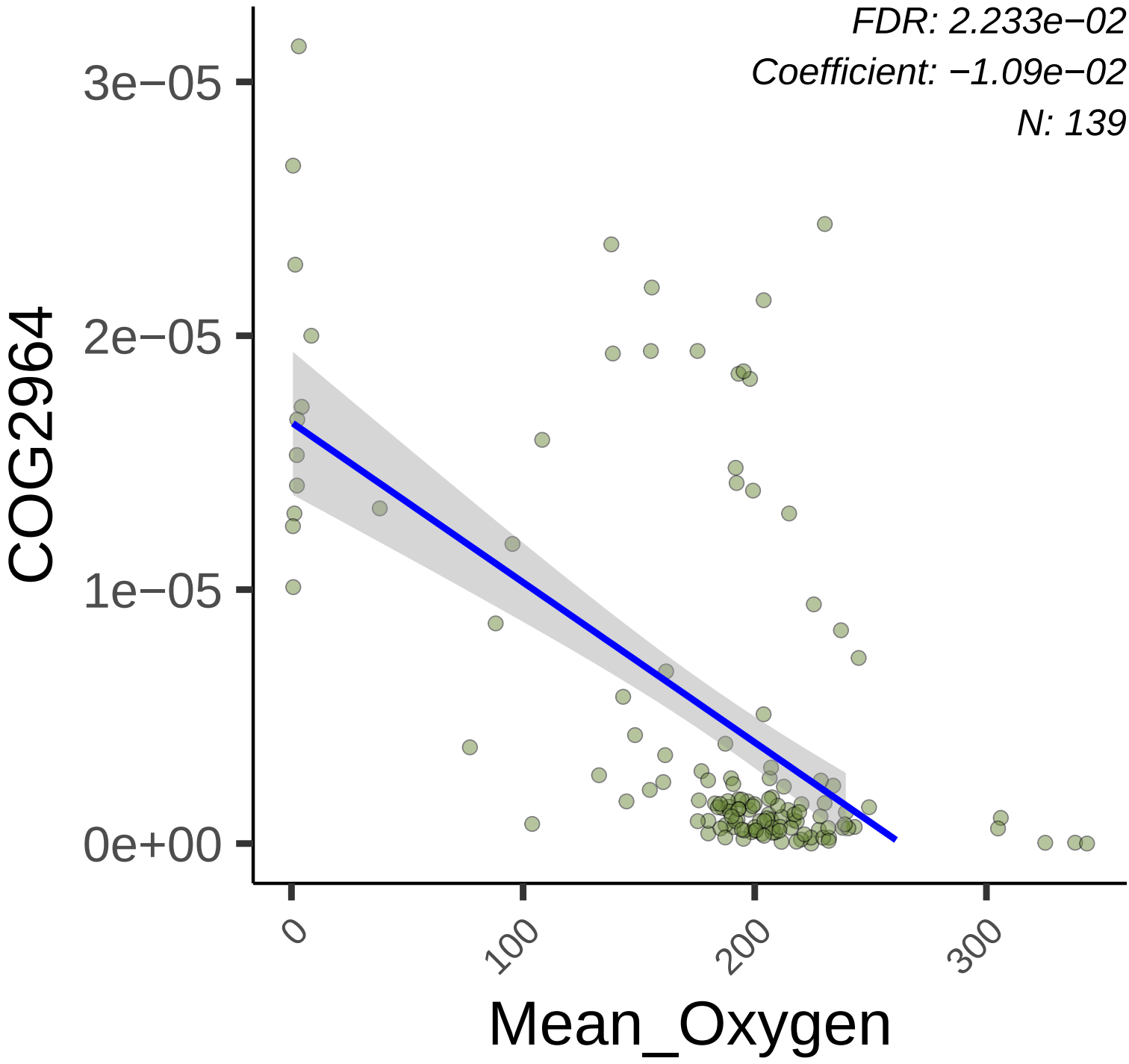
100
200
300
Mean_Oxygen


FDR: 2.233e−02
Coefficient: −1.09e−02
N: 139
COG2964
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0e+00
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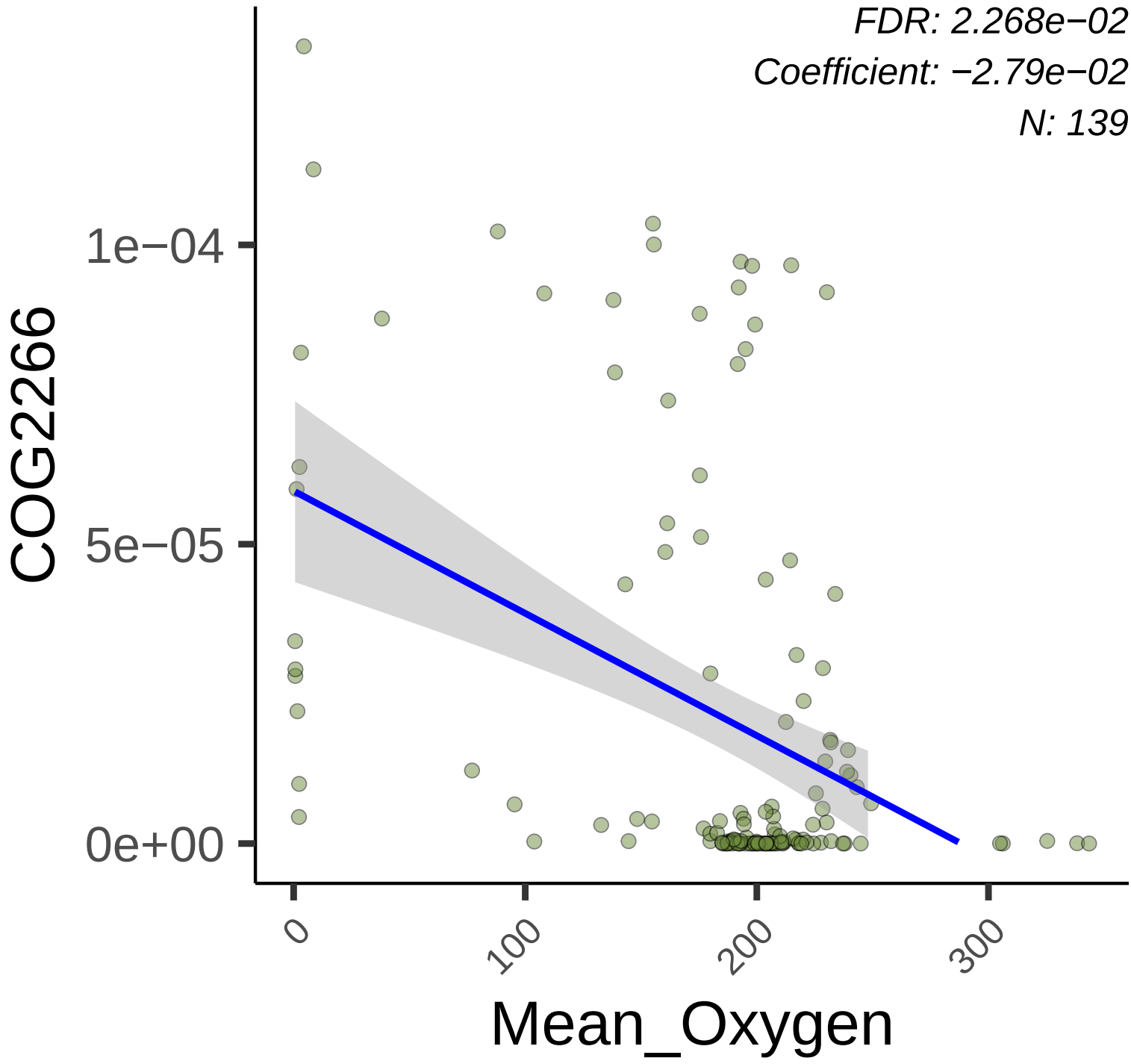
200
300
Mean_Oxygen


FDR: 2.268e−02
Coefficient: −2.79e−02
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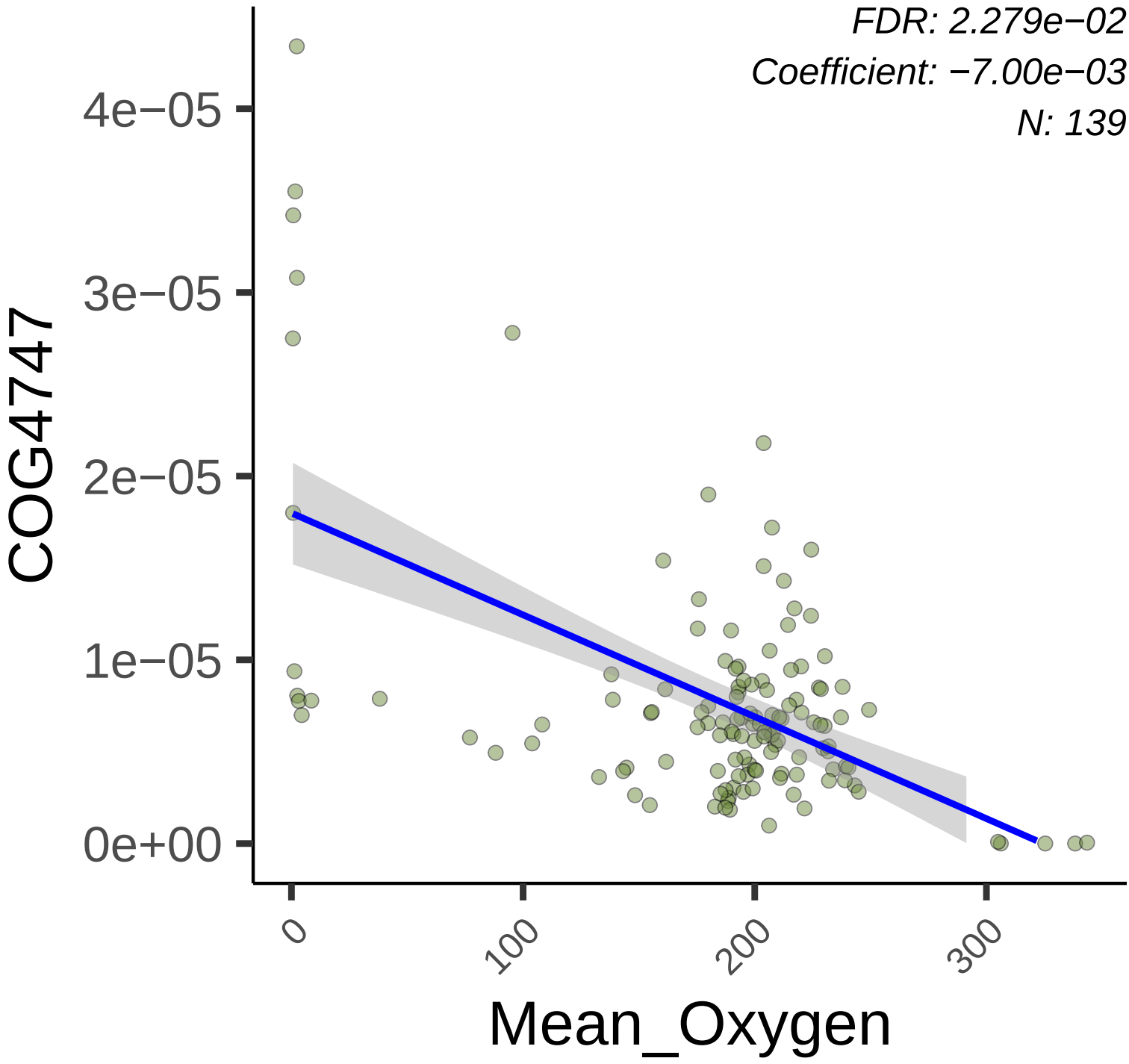
300
Mean_Oxygen


FDR: 2.279e−02
Coefficient: −7.00e−03
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2e−05
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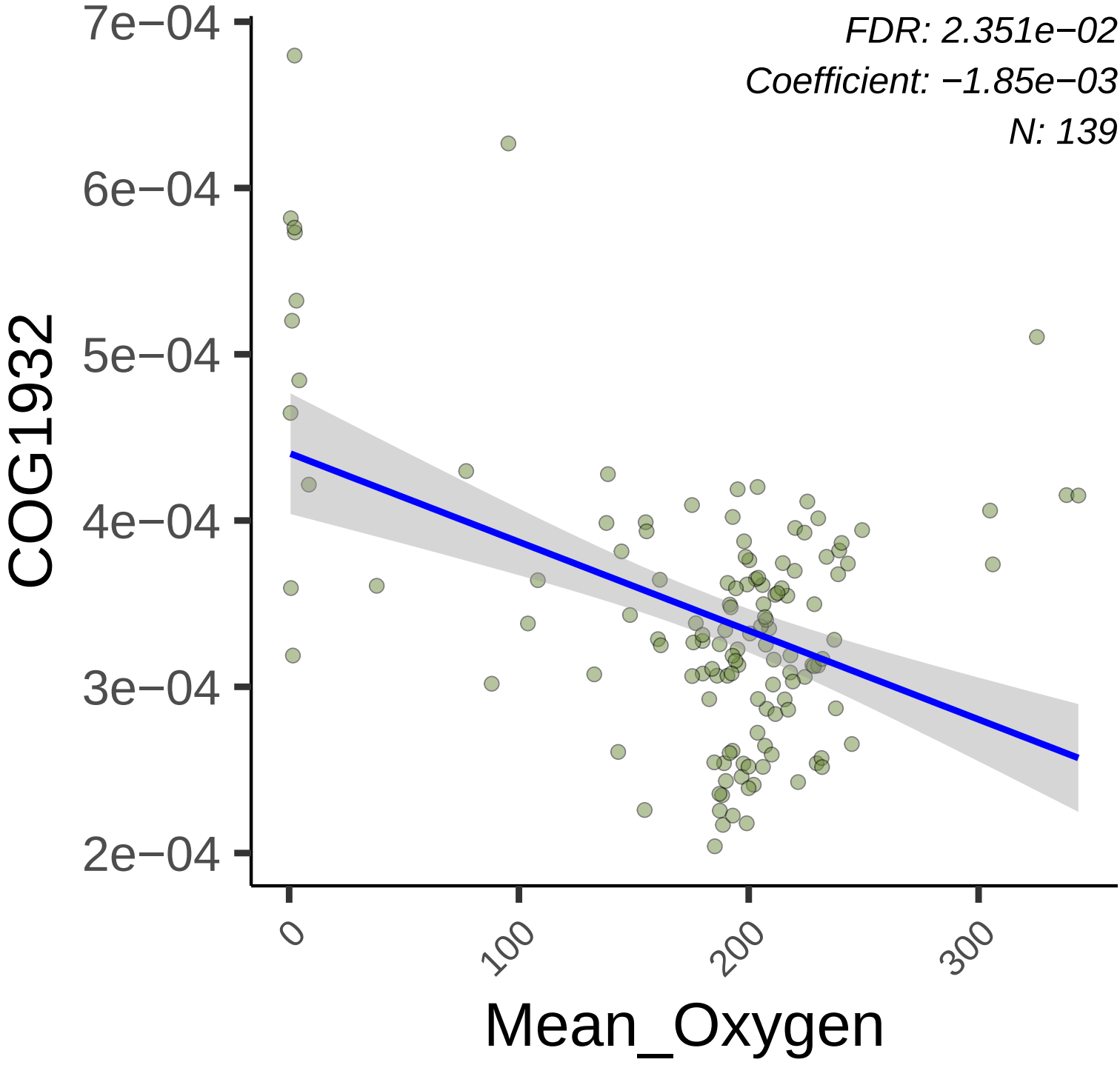
300
Mean_Oxygen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Coefficient: −1.85e−03
N: 139
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5e−04
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2e−04
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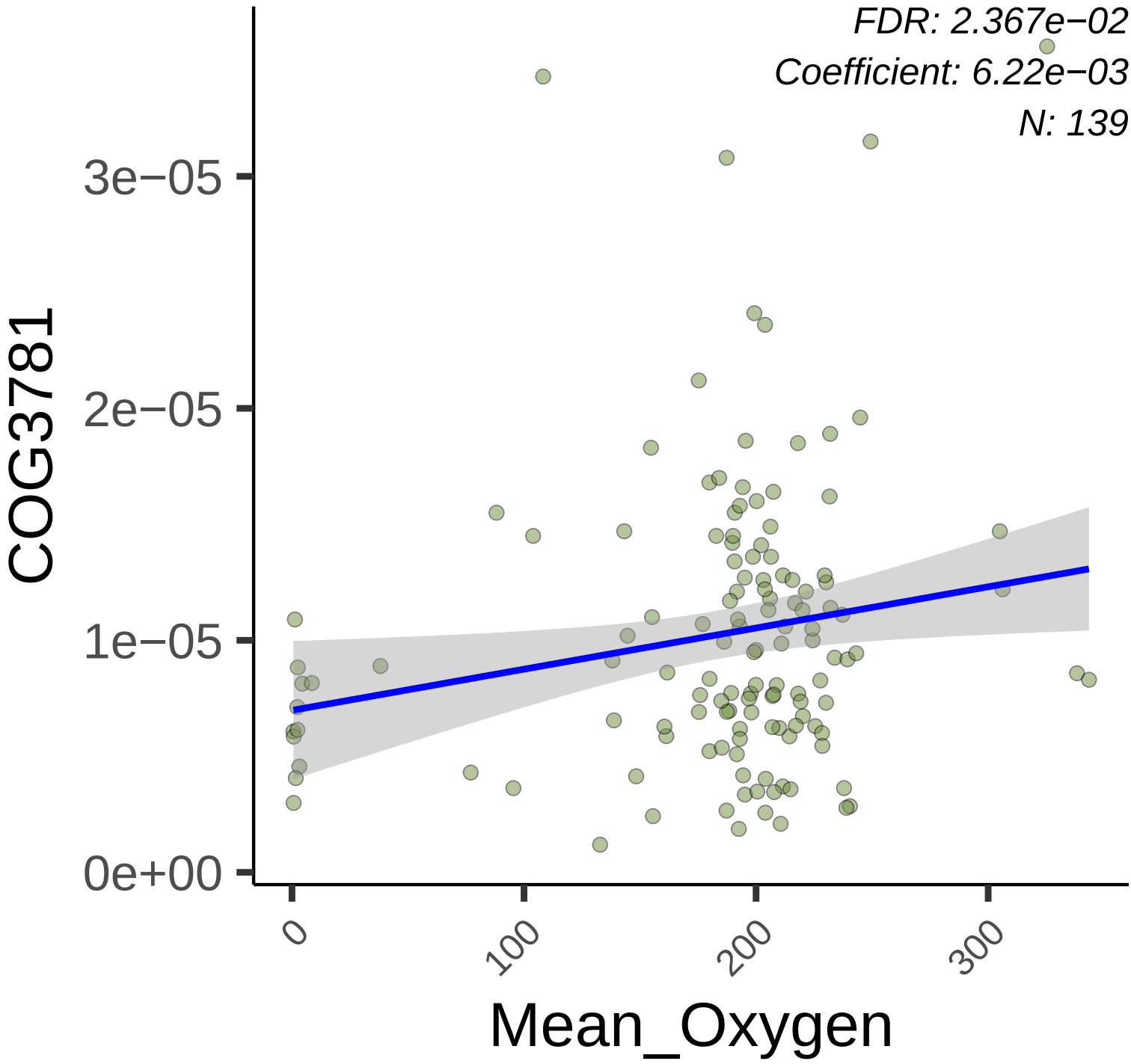
200
300
Mean_Oxygen


FDR: 2.367e−02
Coefficient: 6.22e−03
N: 139
COG3781
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2e−05
1e−05
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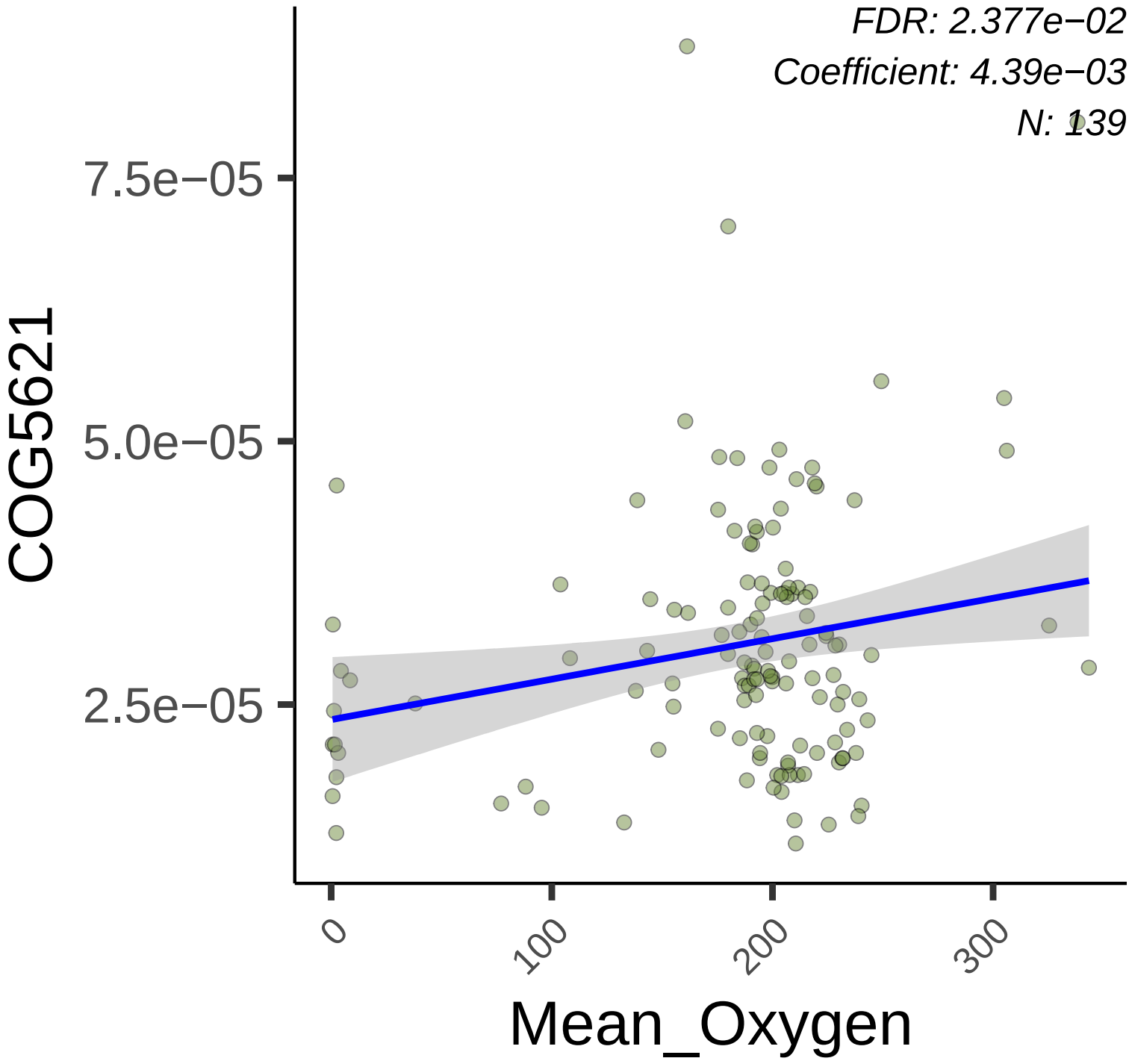
200
300
Mean_Oxygen


FDR: 2.377e−02
Coefficient: 4.39e−03
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COG5621
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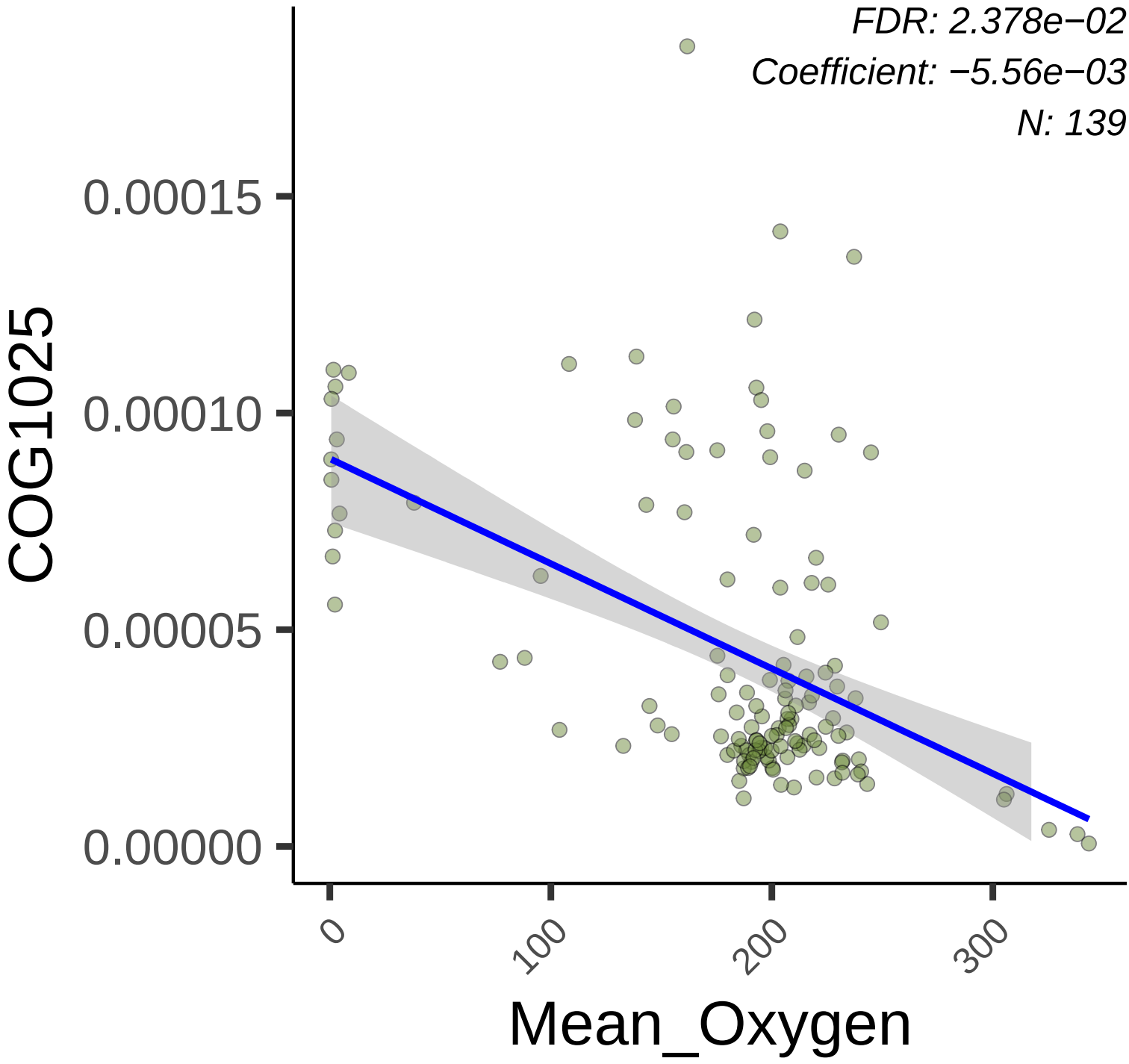
200
300
Mean_Oxygen


FDR: 2.378e−02
Coefficient: −5.56e−03
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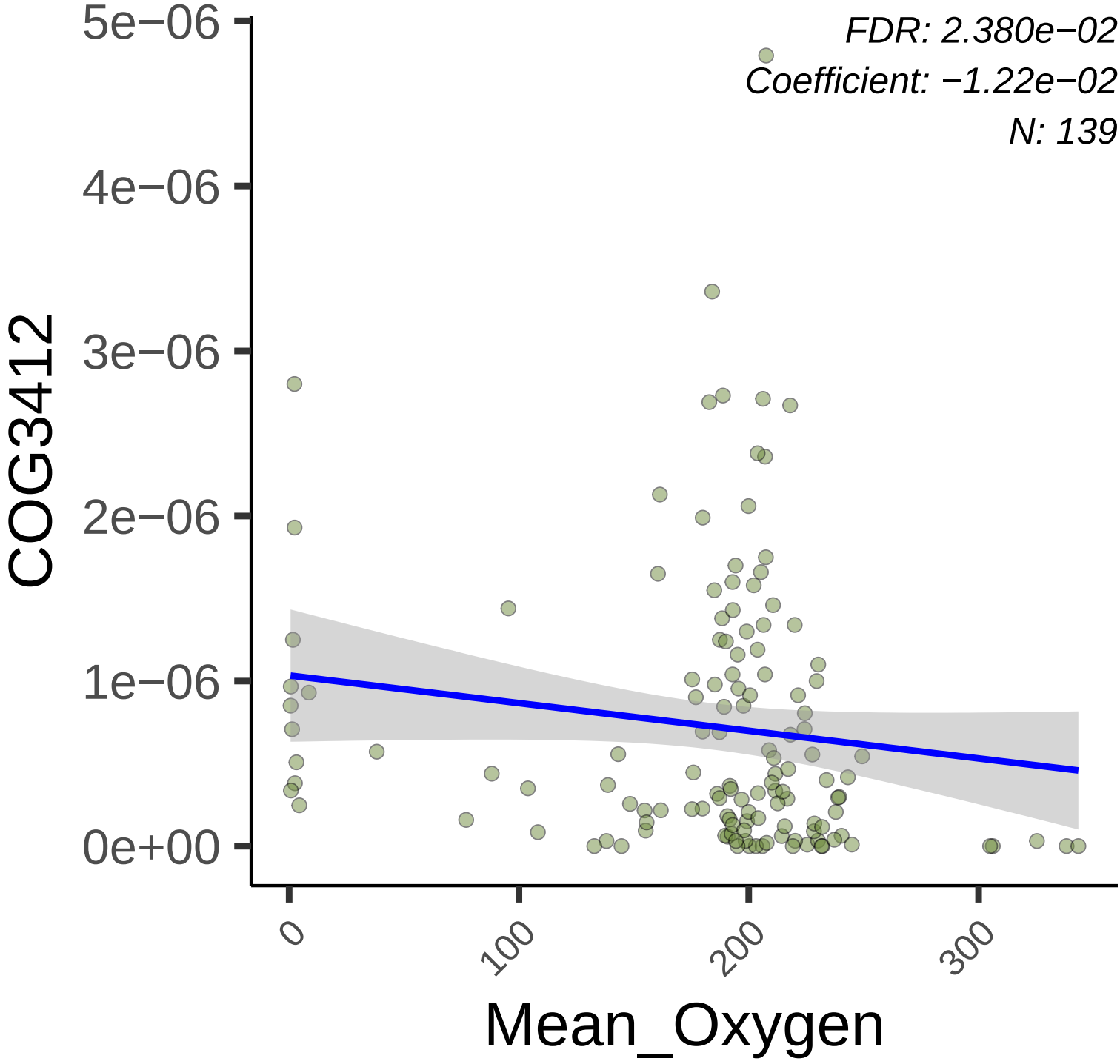
300
Mean_Oxygen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Coefficient: −1.22e−02
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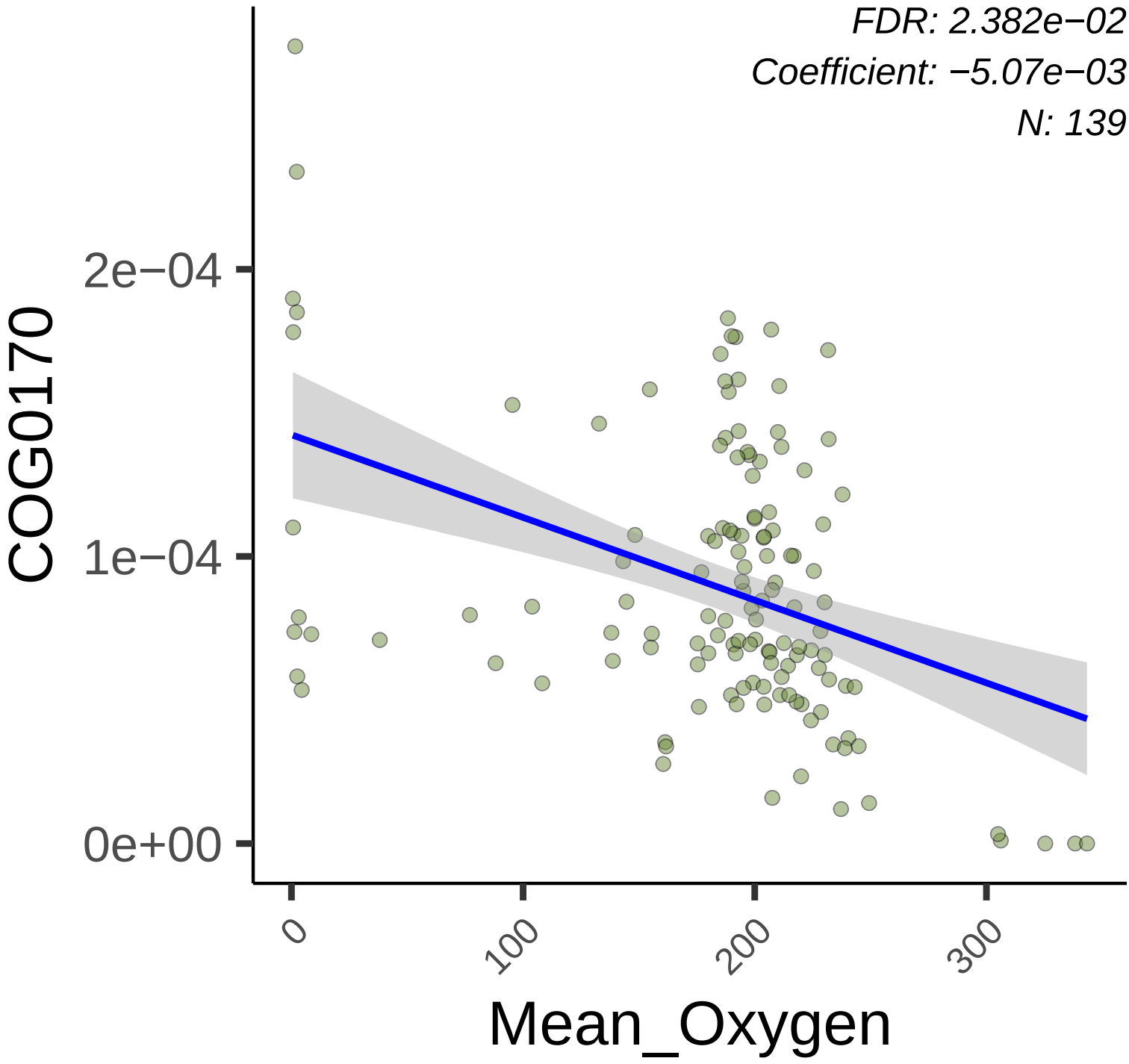
300
Mean_Oxygen


FDR: 2.382e−02
Coefficient: −5.07e−03
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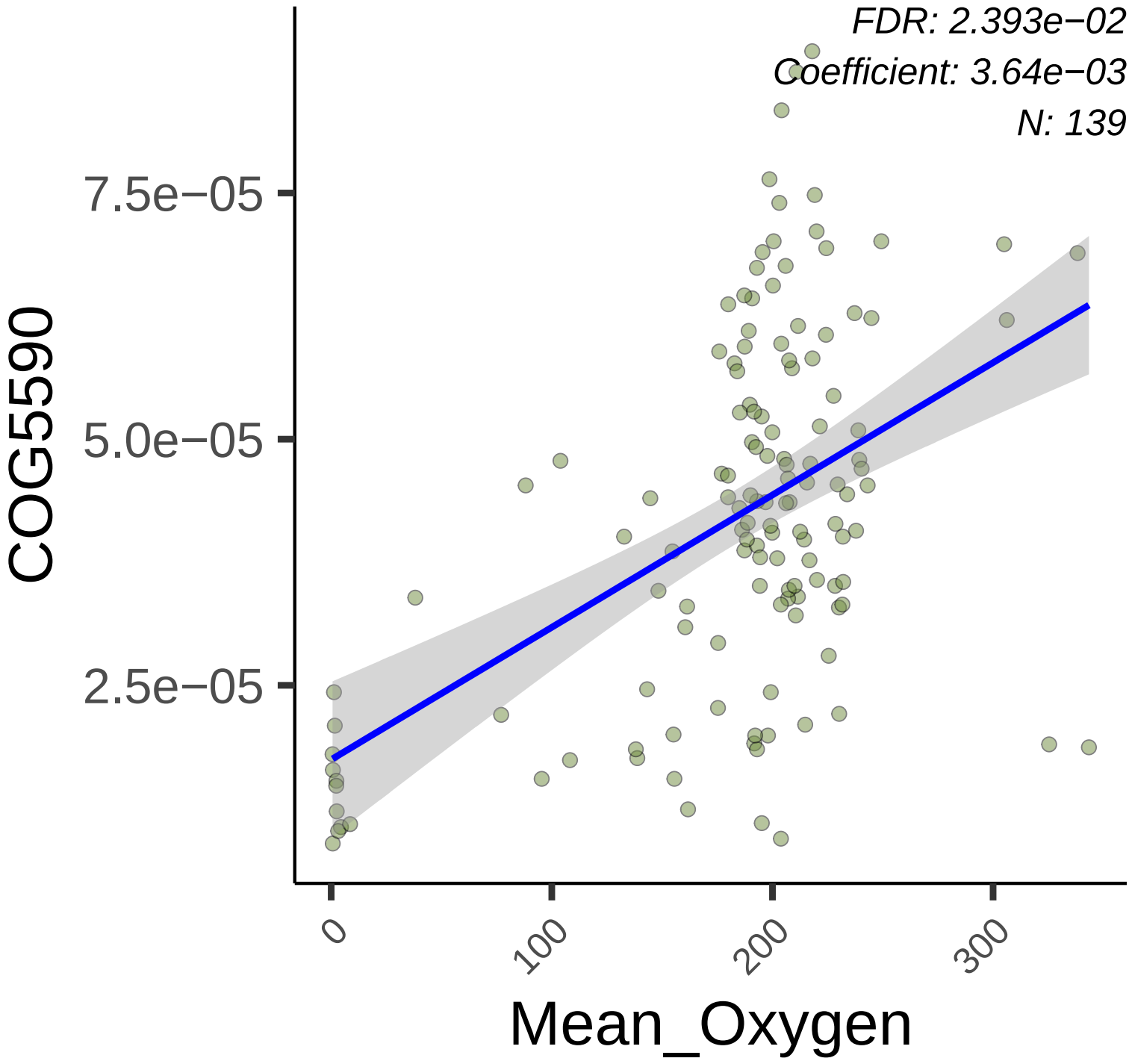
Mean_Oxygen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Coefficient: 3.64e−03
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COG5590
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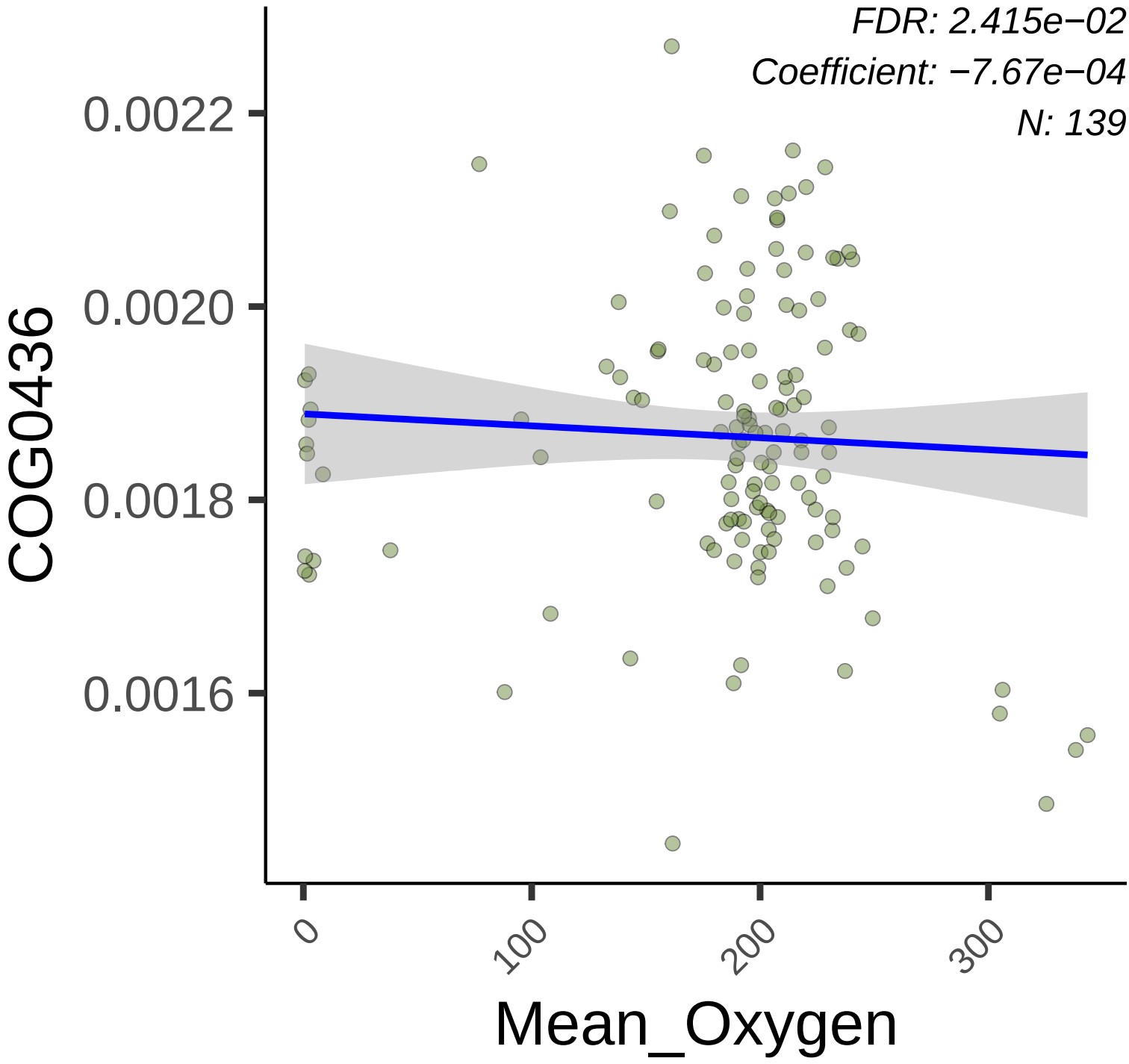
200
300
Mean_Oxygen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Coefficient: −7.67e−04
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COG0436
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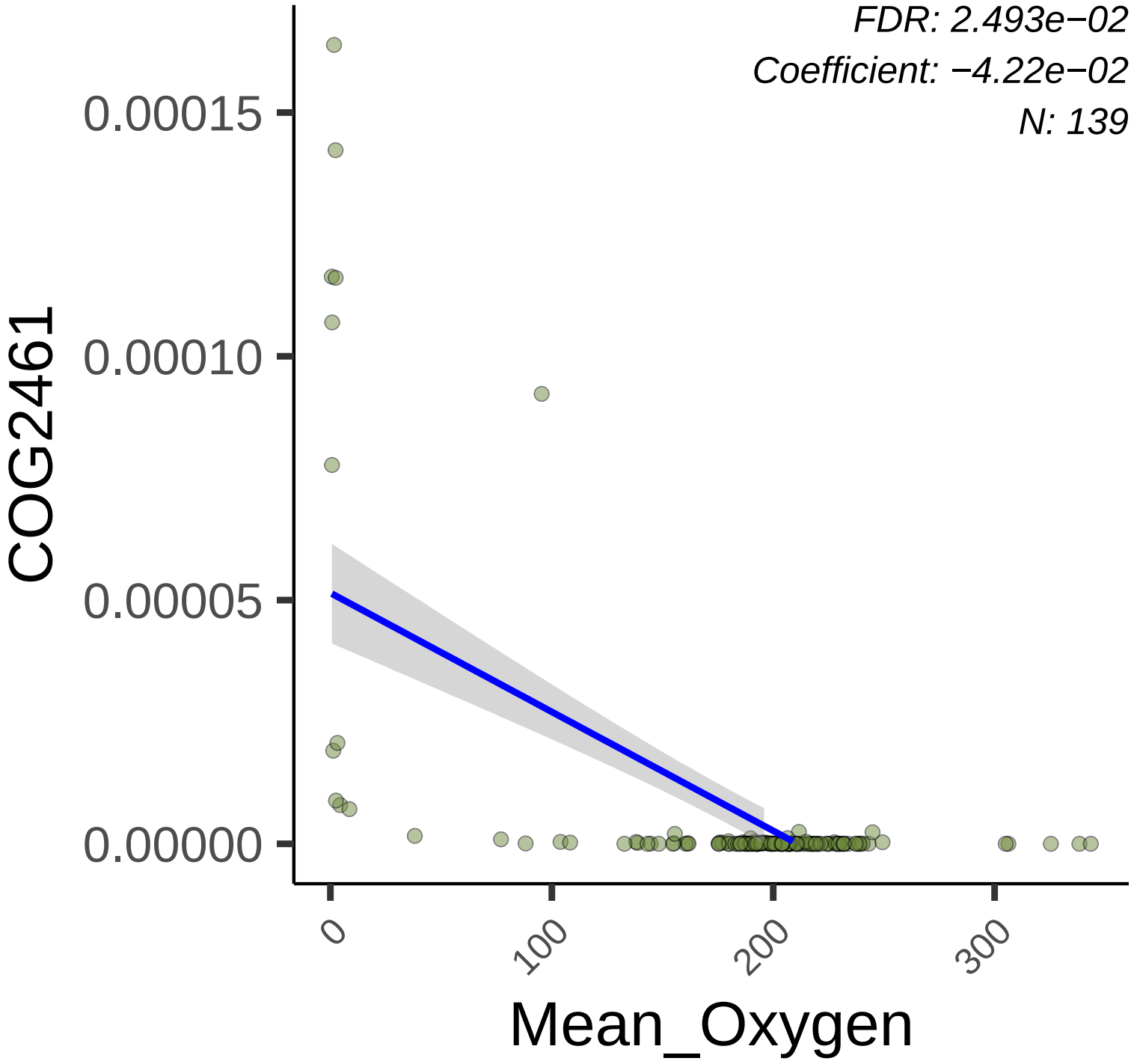
Mean_Oxygen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Coefficient: −4.22e−02
N: 139
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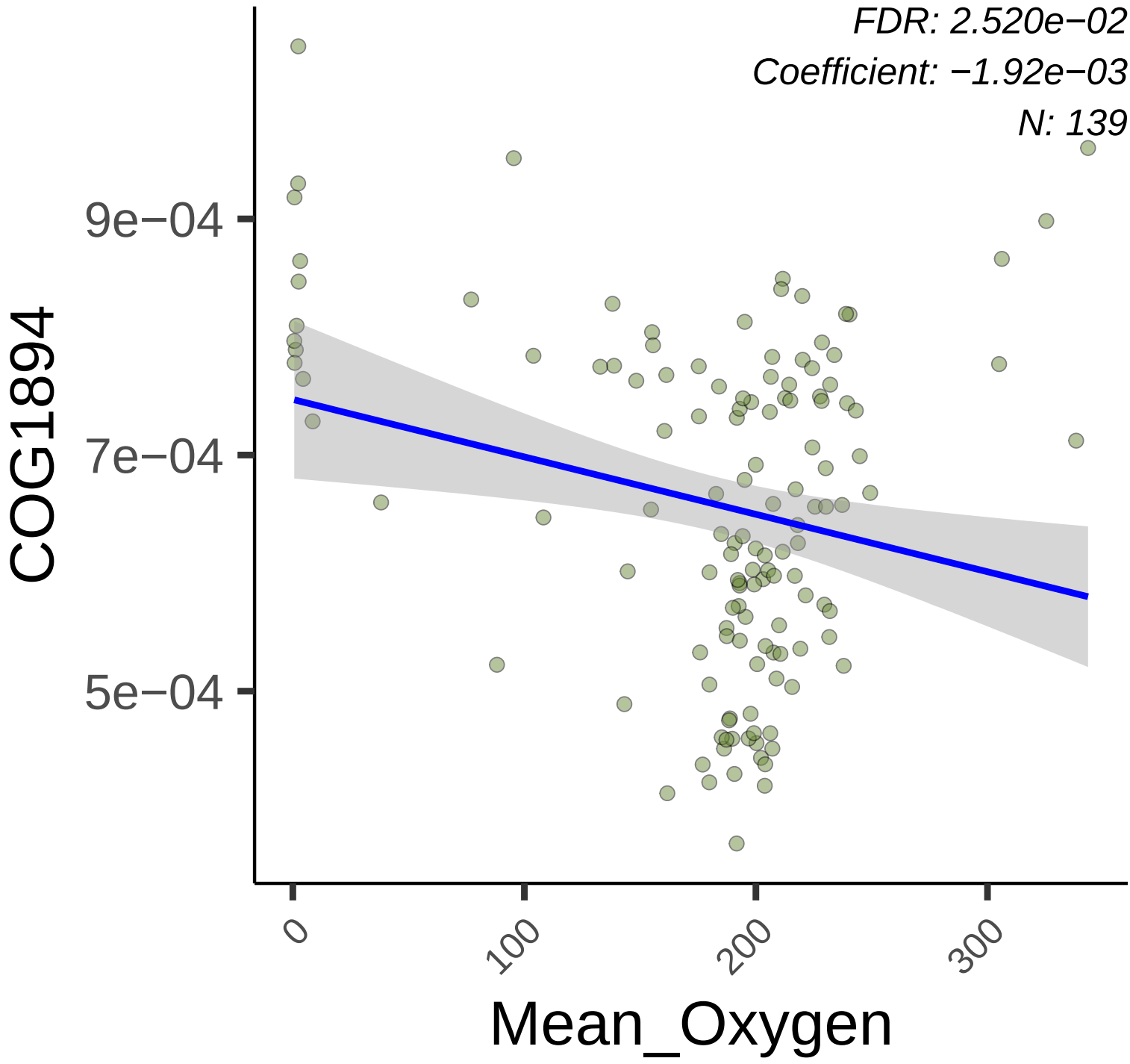
200
300
Mean_Oxygen


FDR: 2.520e−02
Coefficient: −1.92e−03
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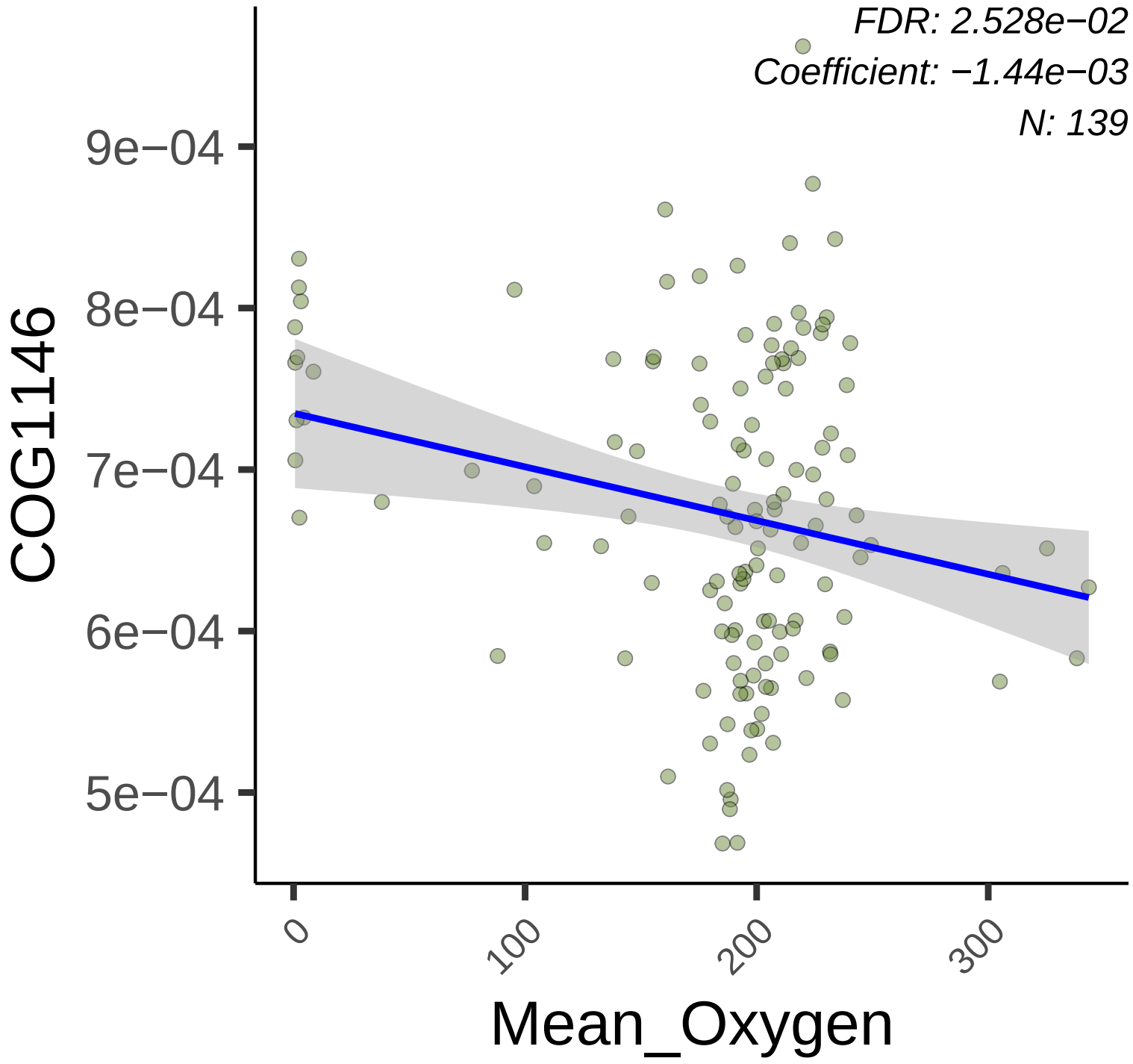
200
300
Mean_Oxygen


FDR: 2.528e−02
Coefficient: −1.44e−03
N: 139
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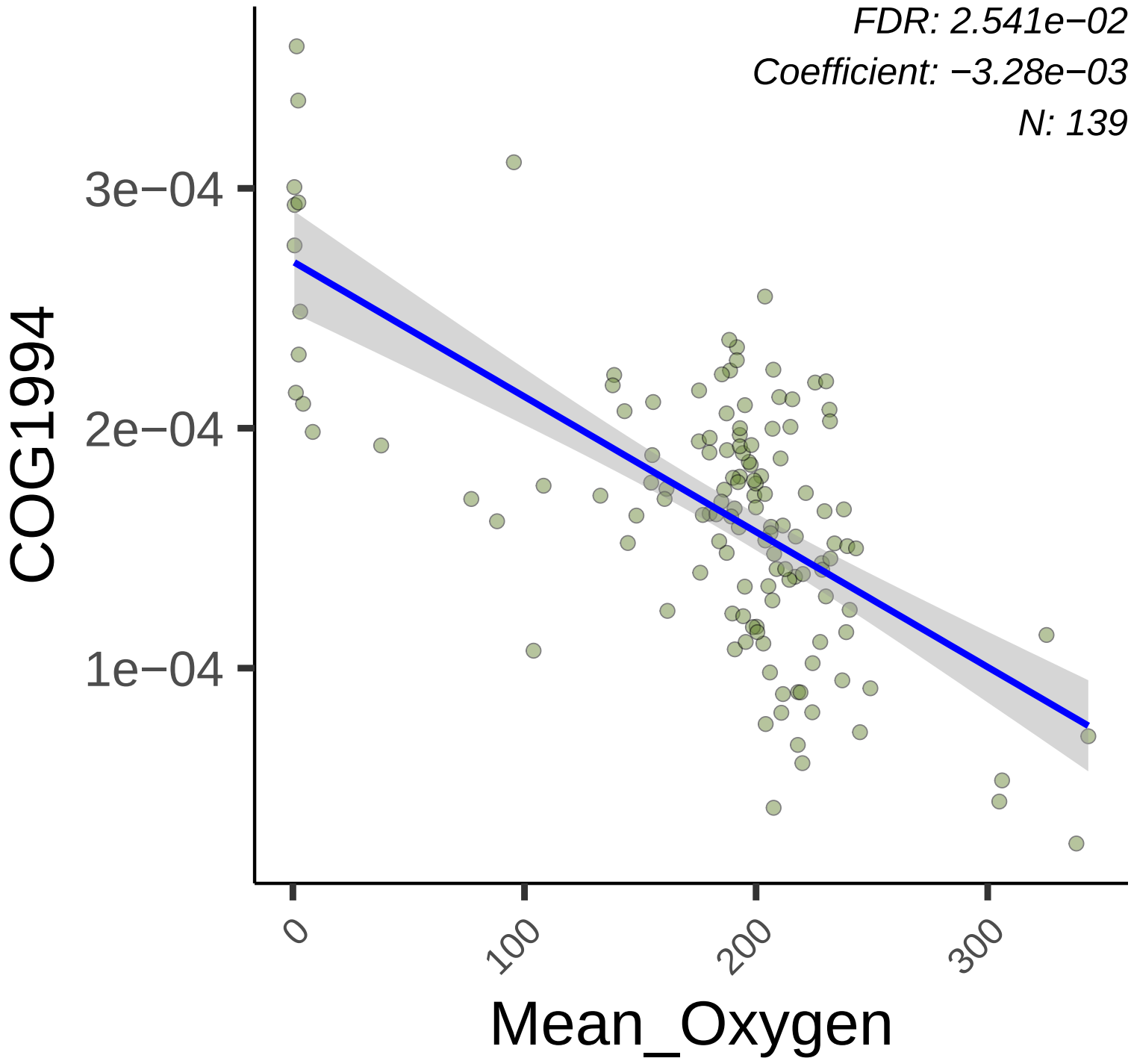
200
300
Mean_Oxygen


FDR: 2.541e−02
Coefficient: −3.28e−03
N: 139
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COG1994
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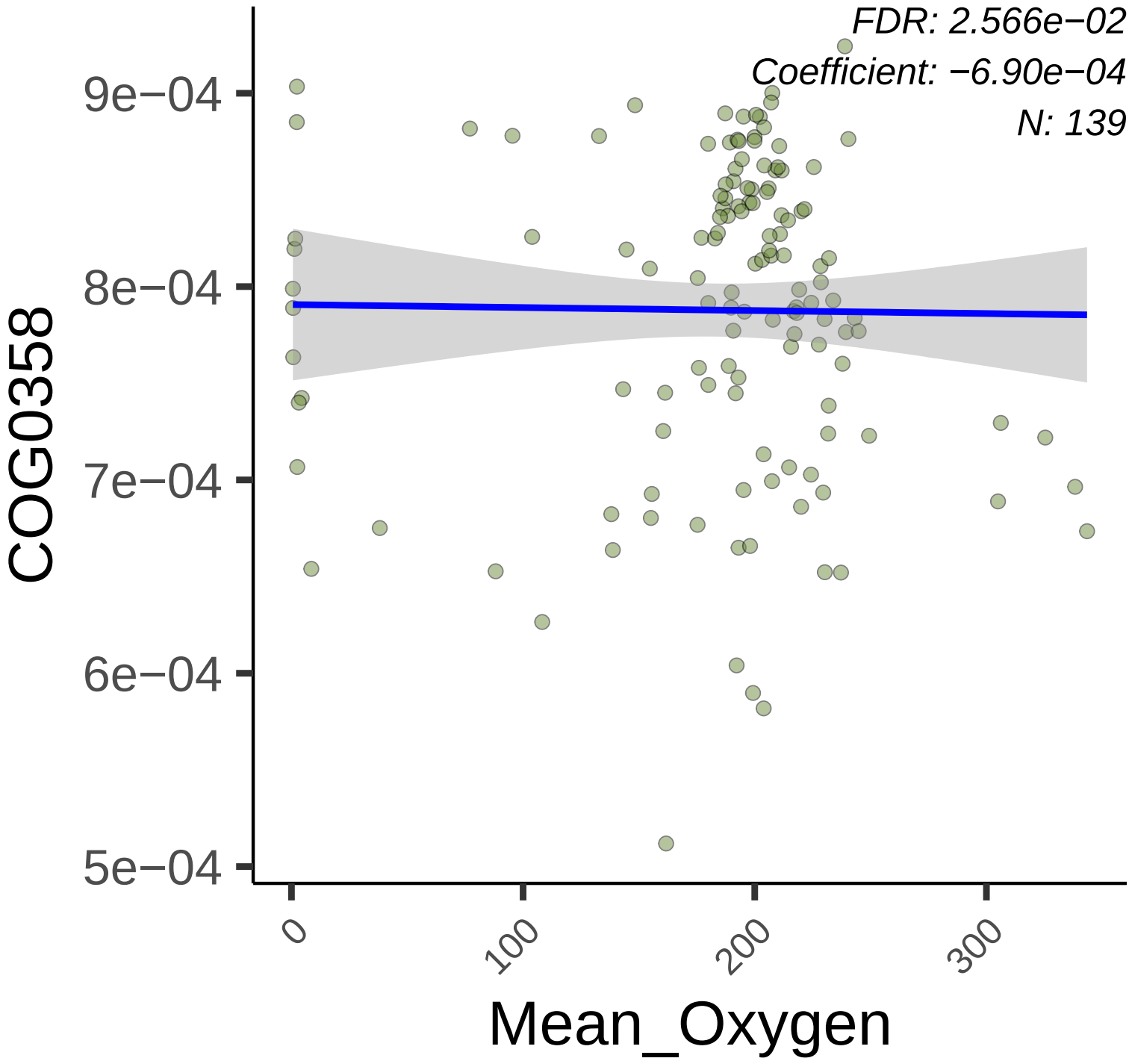
300
Mean_Oxygen


FDR: 2.566e−02
Coefficient: −6.90e−04
N: 139
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COG0358
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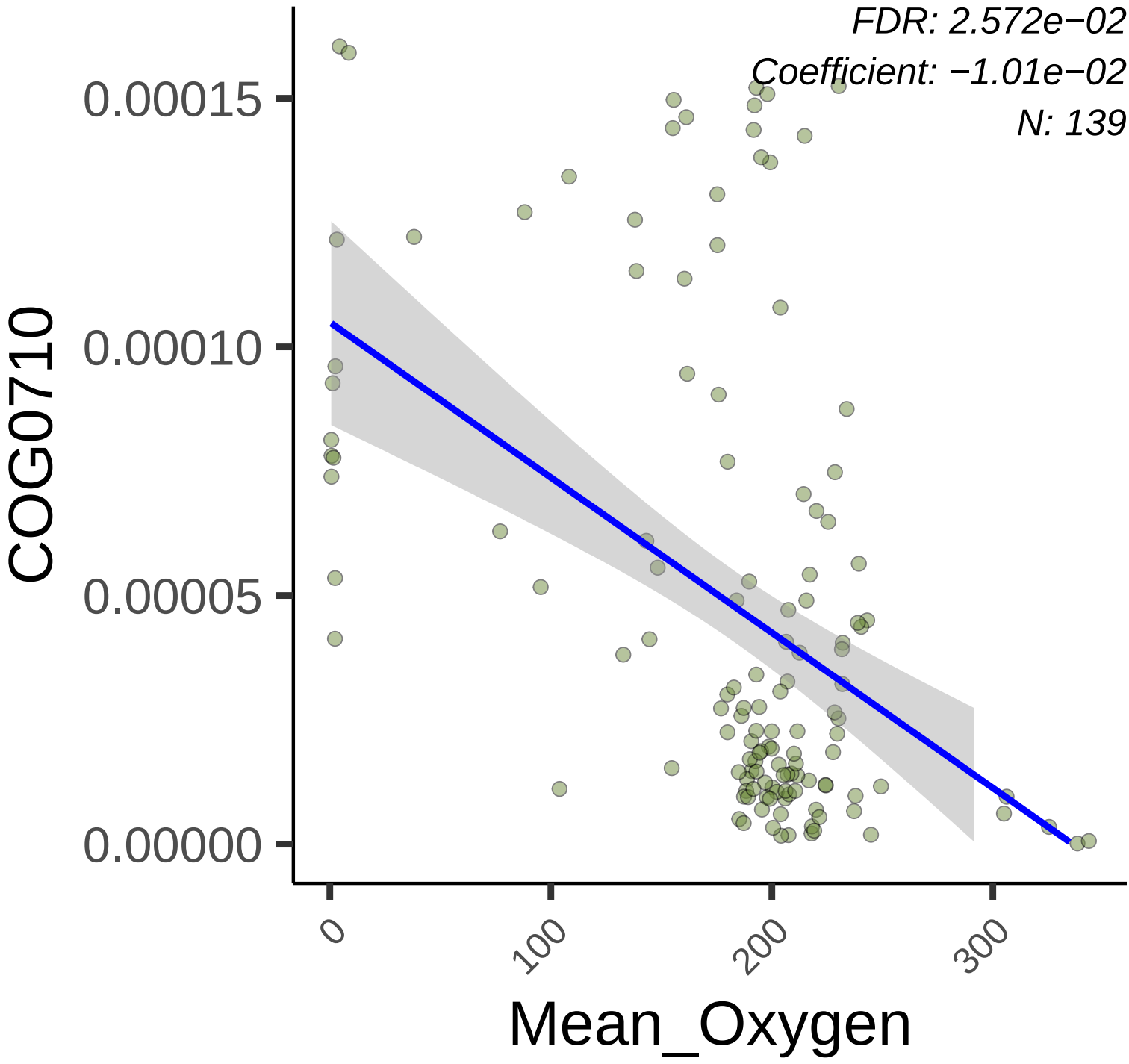
200
300
Mean_Oxygen


FDR: 2.572e−02
Coefficient: −1.01e−02
N: 139
COG0710
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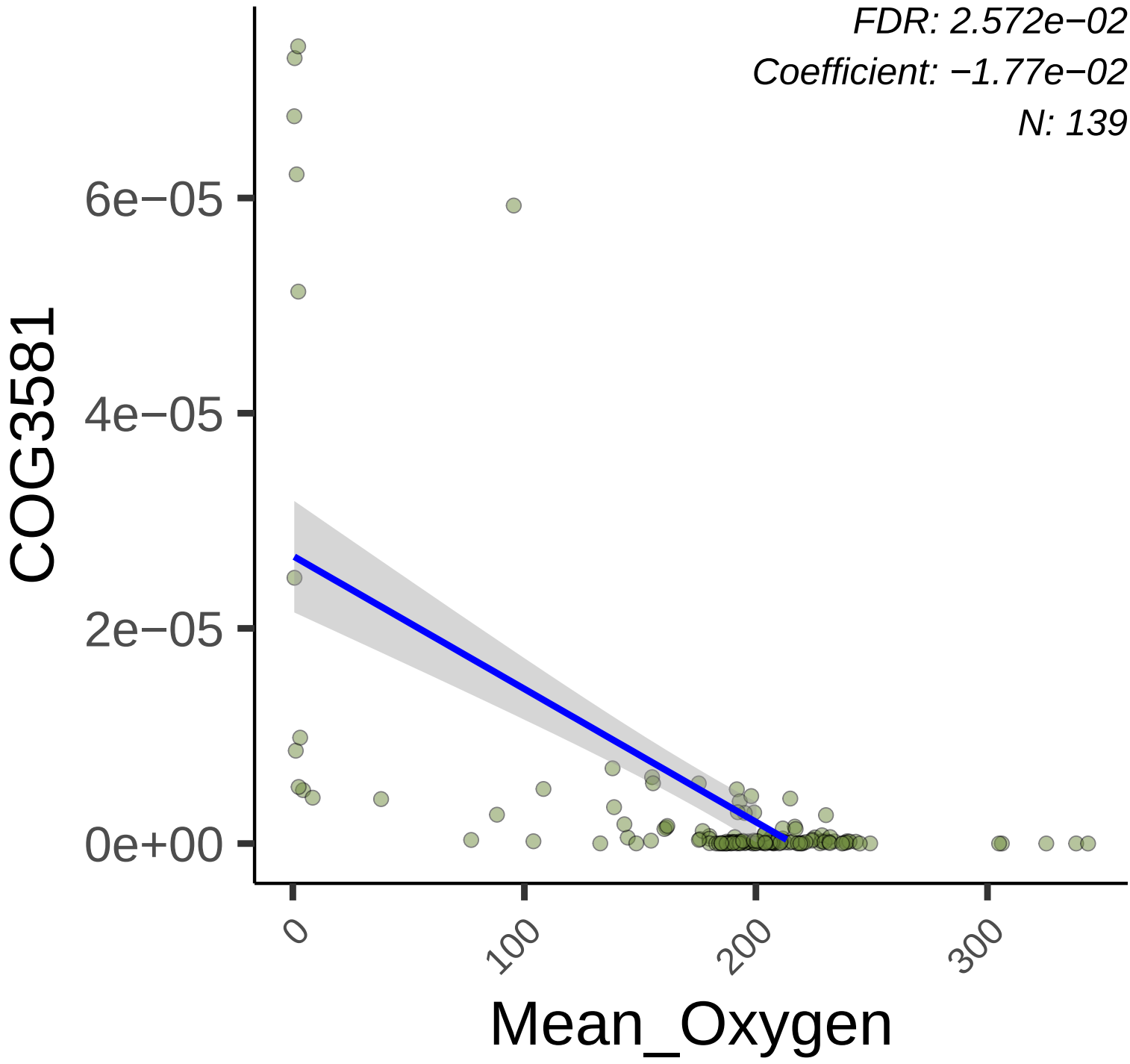
0.00010
0.00005
0.00000
0
100
200
300
Mean_Oxygen


FDR: 2.572e−02
Coefficient: −1.77e−02
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COG3581
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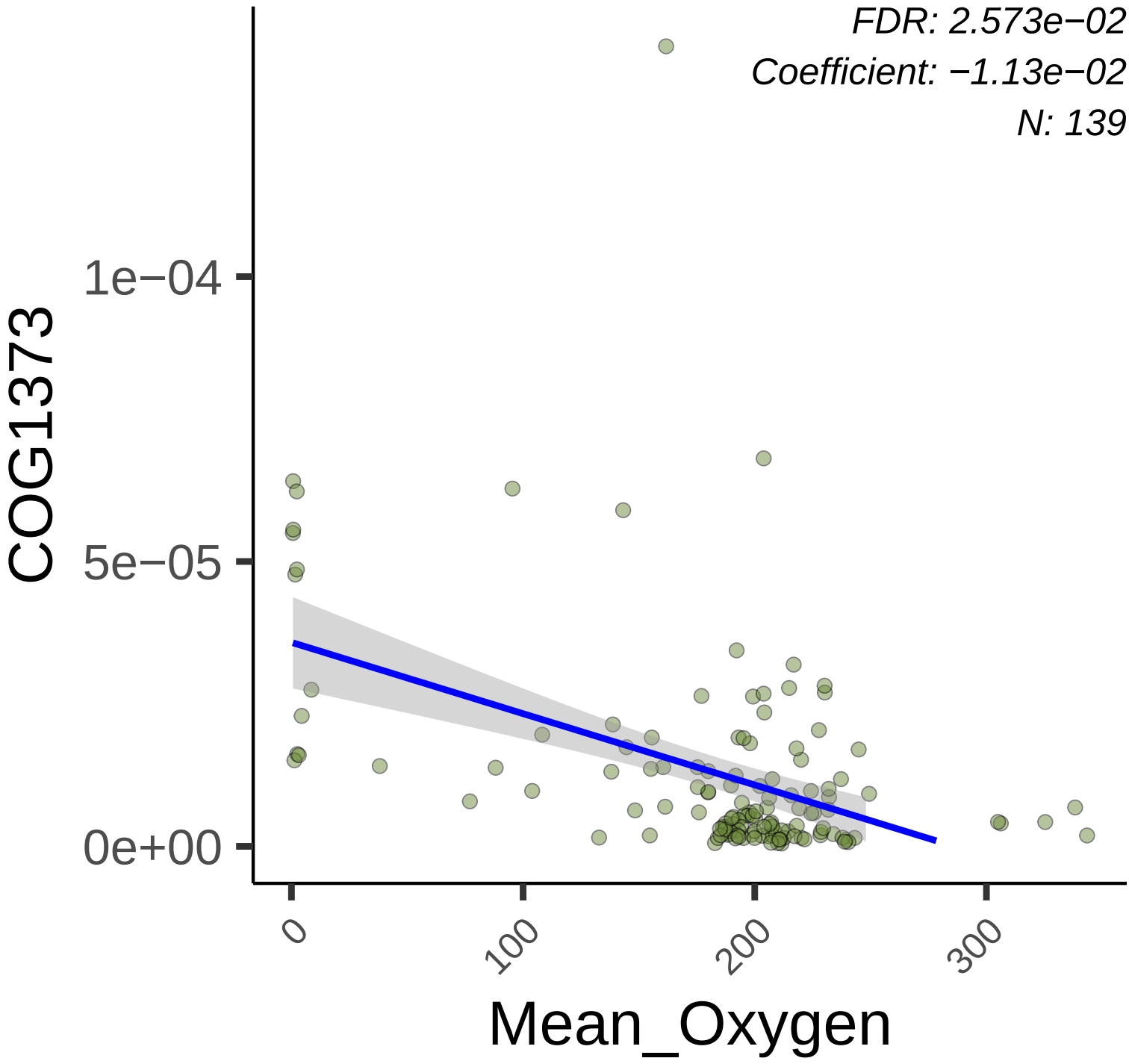
300
Mean_Oxygen


FDR: 2.573e−02
Coefficient: −1.13e−02
N: 139
COG1373
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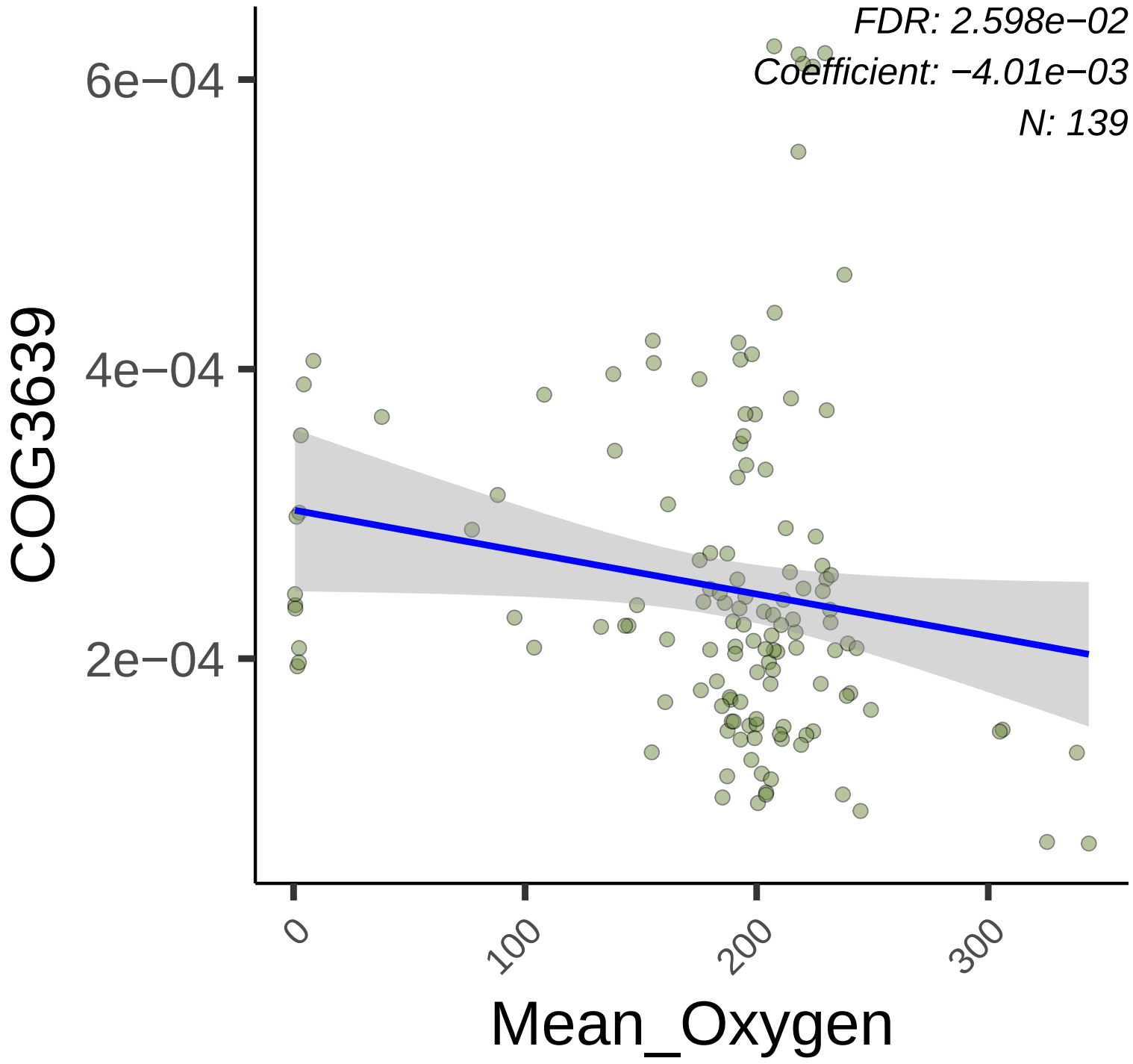
Mean_Oxygen


FDR: 2.598e−02
Coefficient: −4.01e−03
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COG3639
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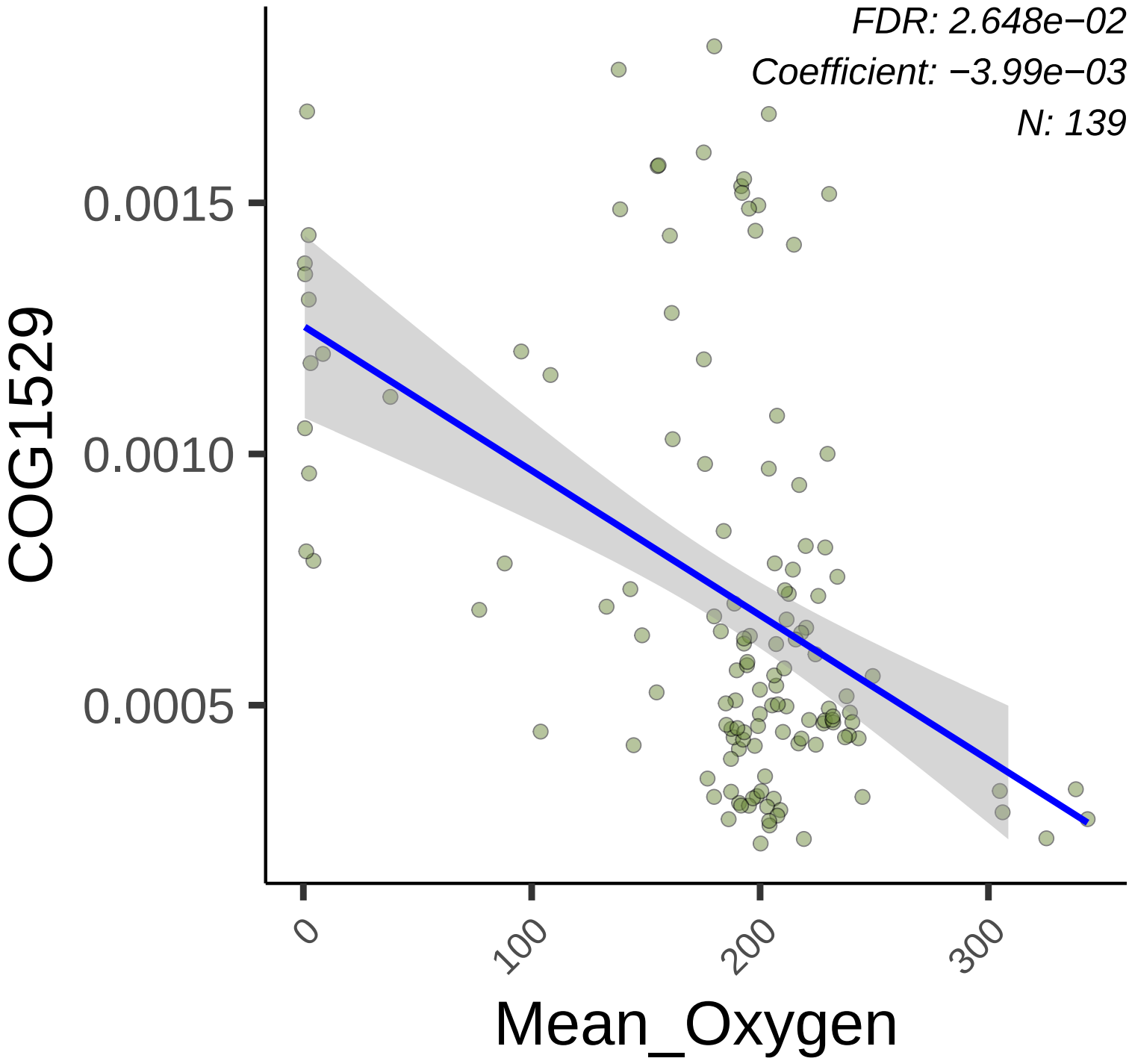
Mean_Oxygen


FDR: 2.648e−02
Coefficient: −3.99e−03
N: 139
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COG1529
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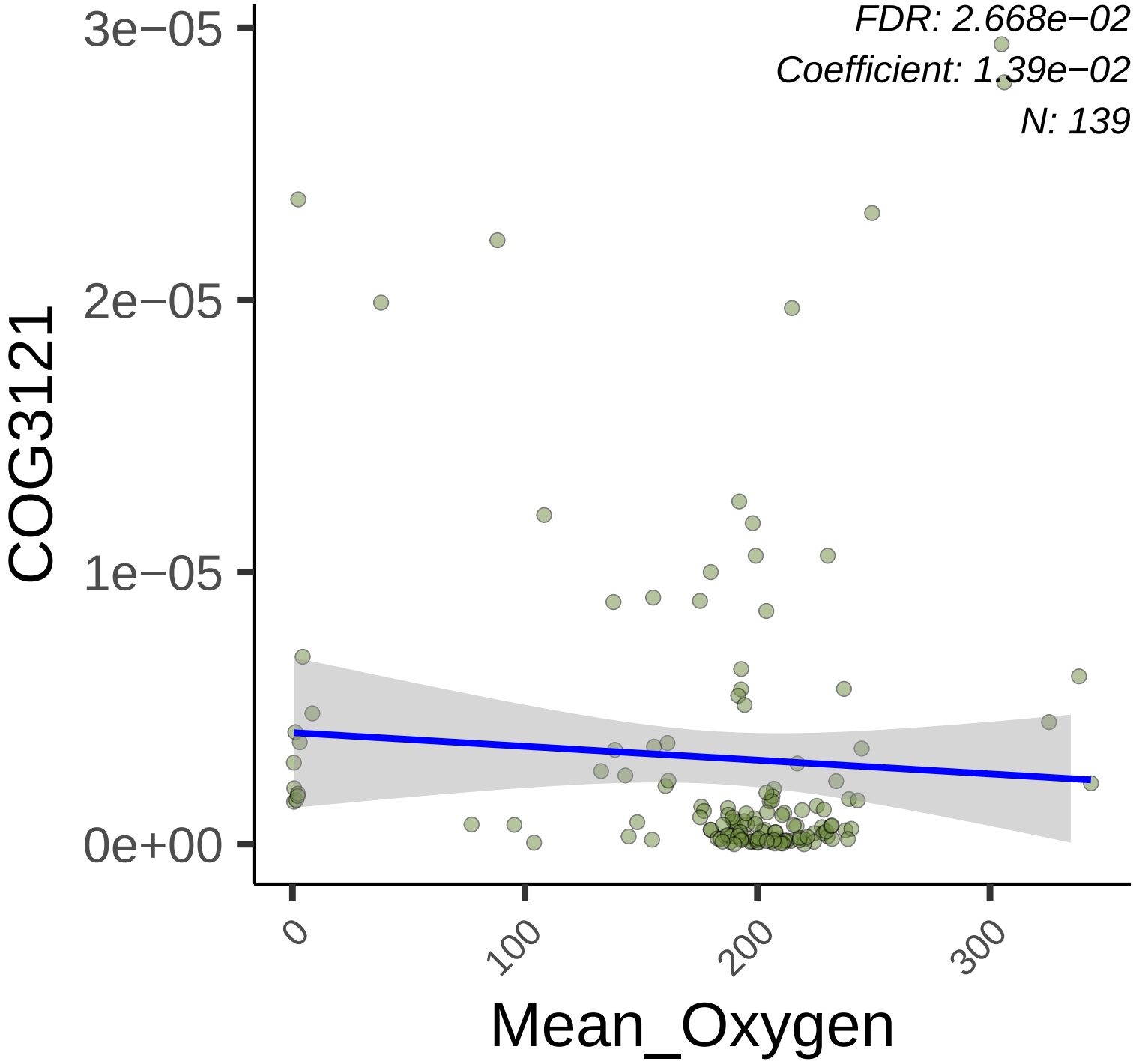
Mean_Oxygen


FDR: 2.668e−02
Coefficient: 1.39e−02
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2e−05
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COG3121
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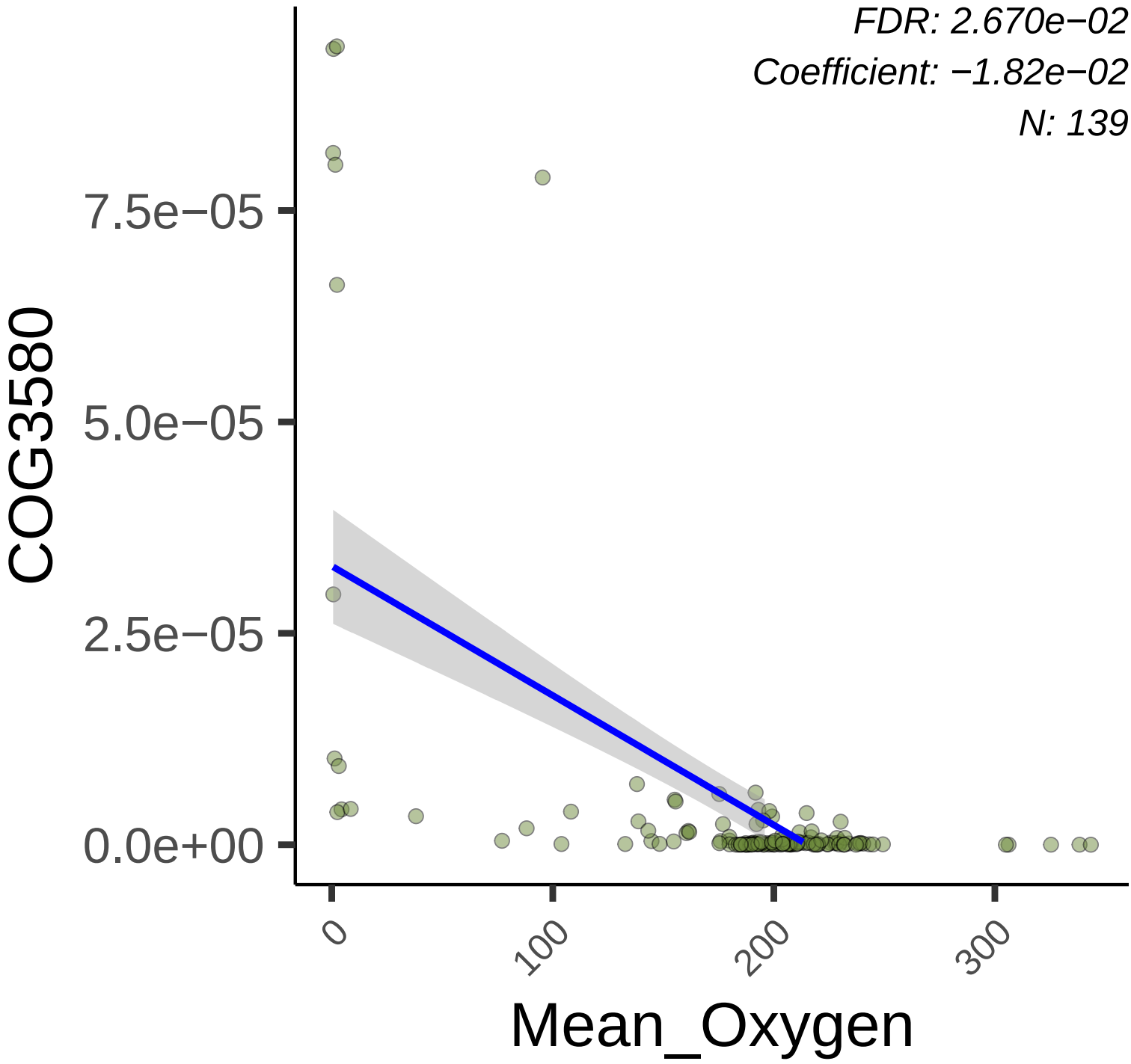
Mean_Oxygen


FDR: 2.670e−02
Coefficient: −1.82e−02
N: 139
COG3580
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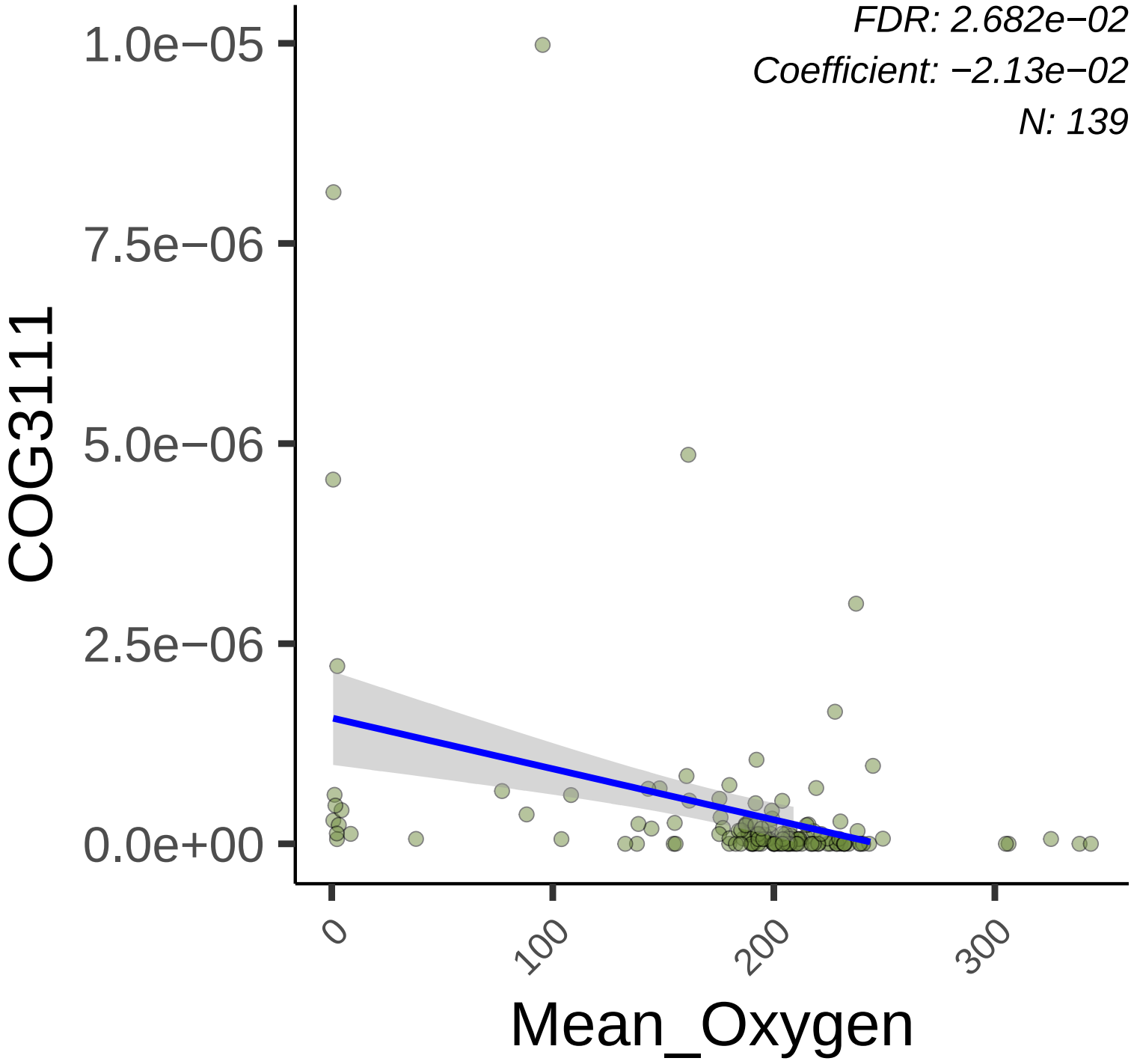
200
300
Mean_Oxygen


FDR: 2.682e−02
Coefficient: −2.13e−02
N: 139
1.0e−05
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5.0e−06
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COG3111
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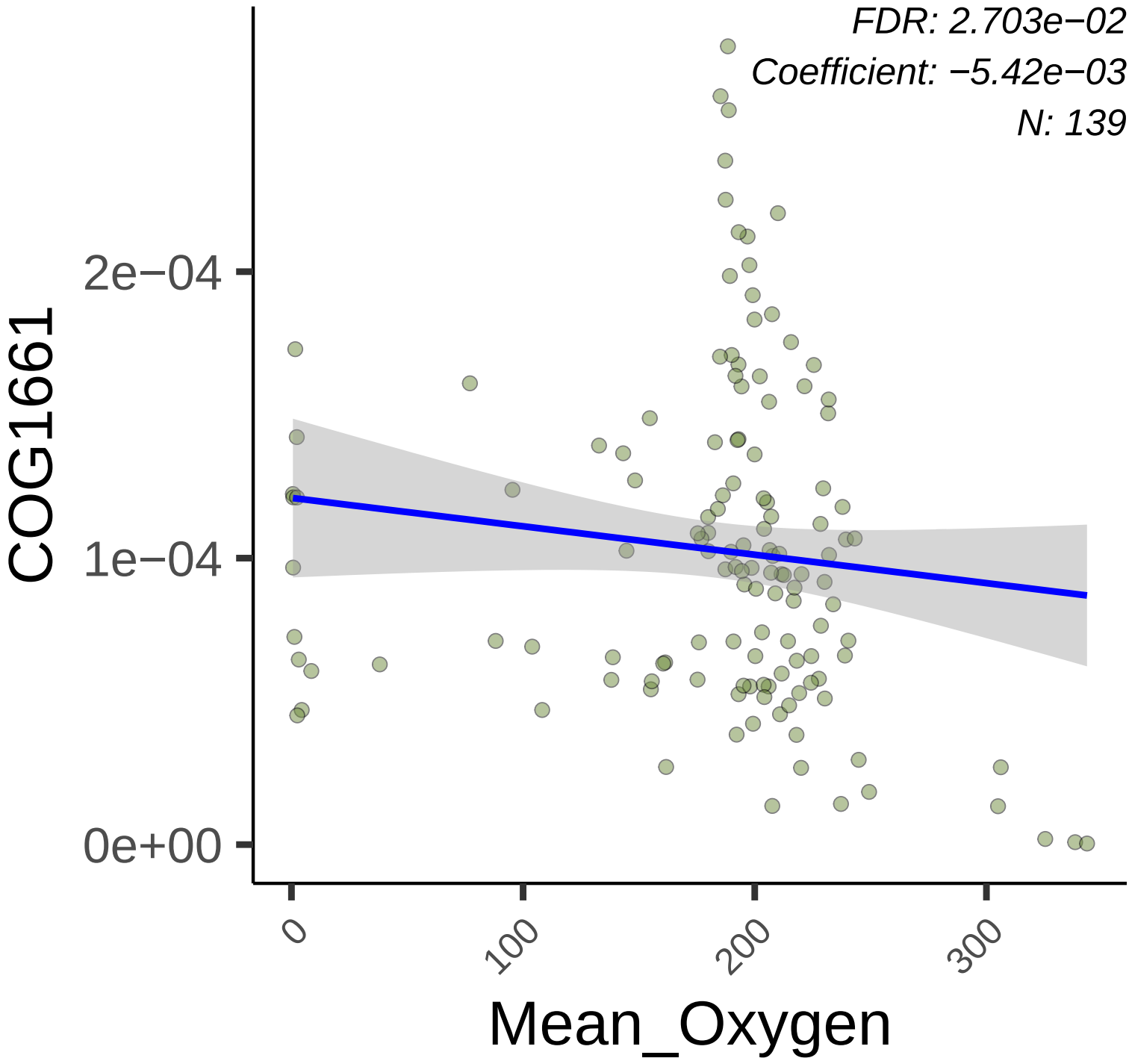
200
300
Mean_Oxygen


FDR: 2.703e−02
Coefficient: −5.42e−03
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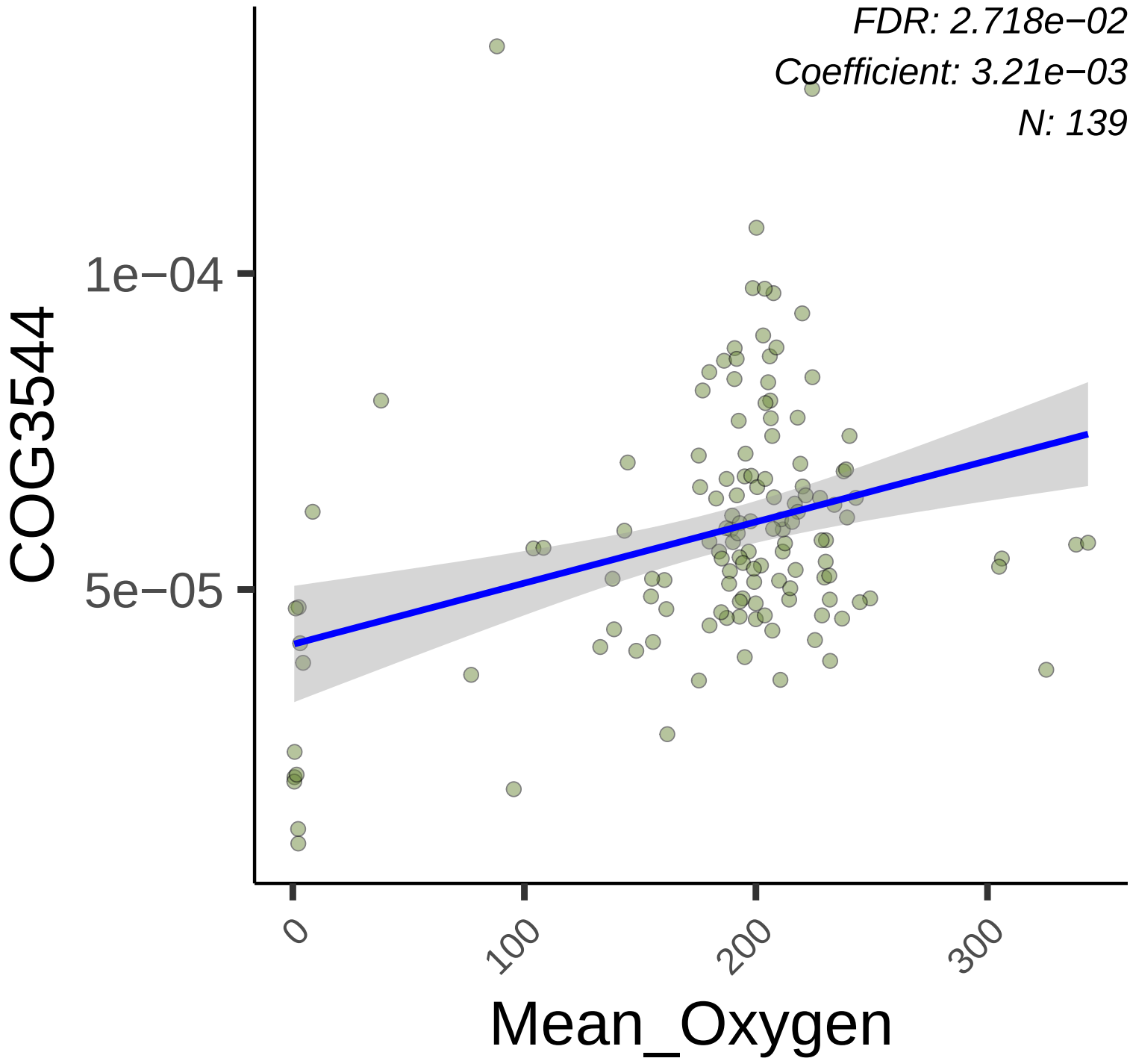
300
Mean_Oxygen


FDR: 2.718e−02
Coefficient: 3.21e−03
N: 139
COG3544
1e−04
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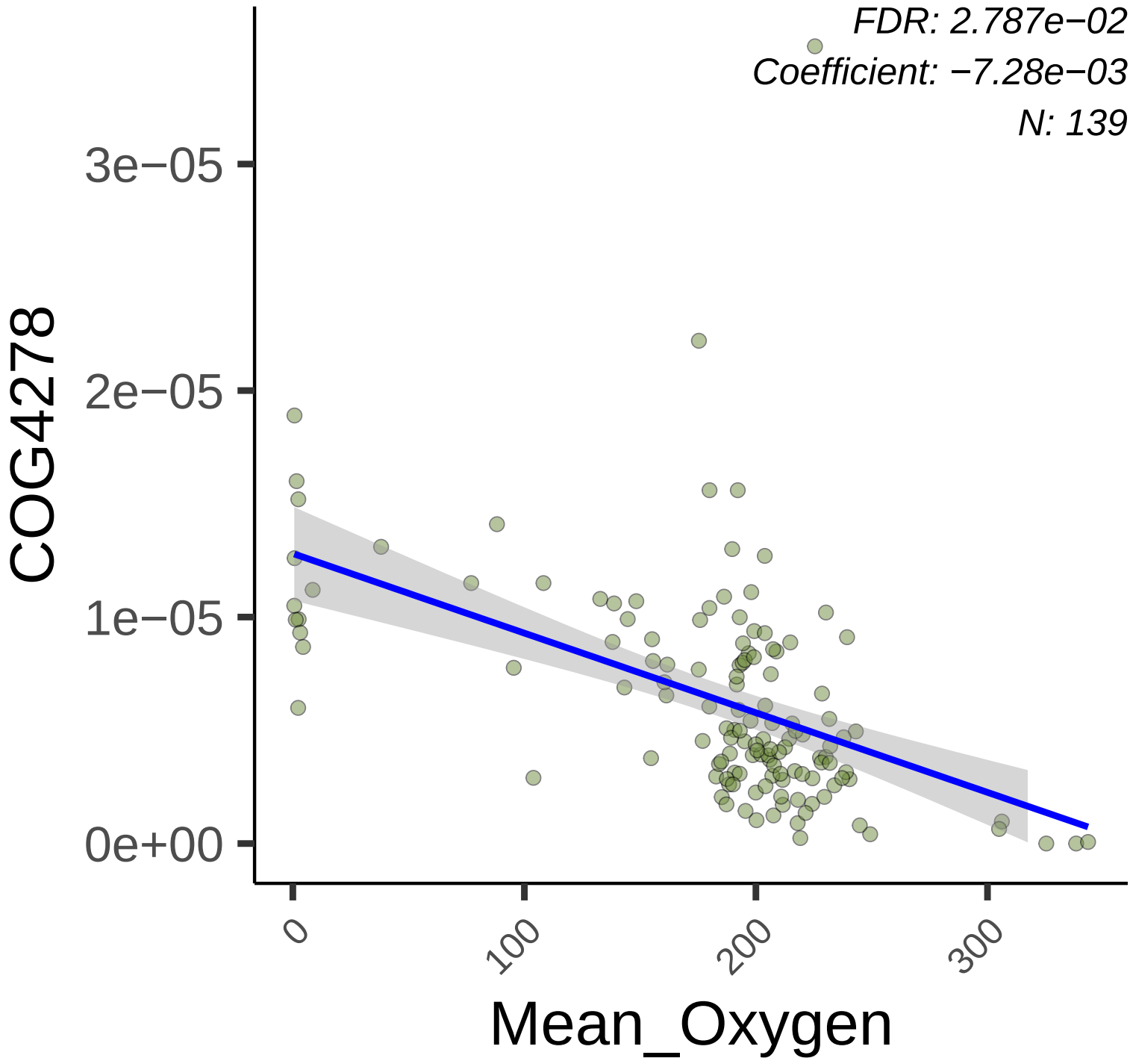
Mean_Oxygen


FDR: 2.787e−02
Coefficient: −7.28e−03
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COG4278
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1e−05
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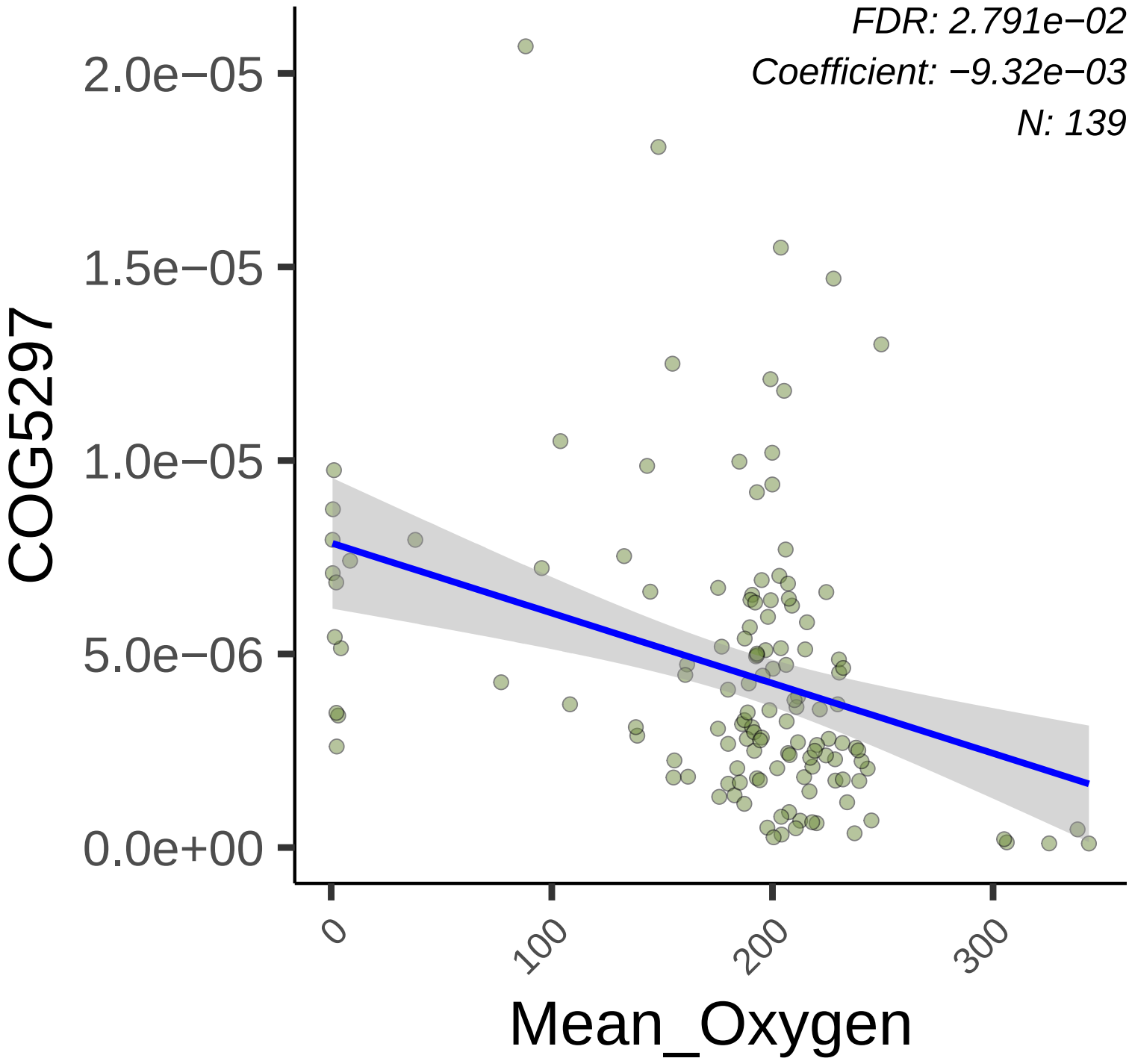
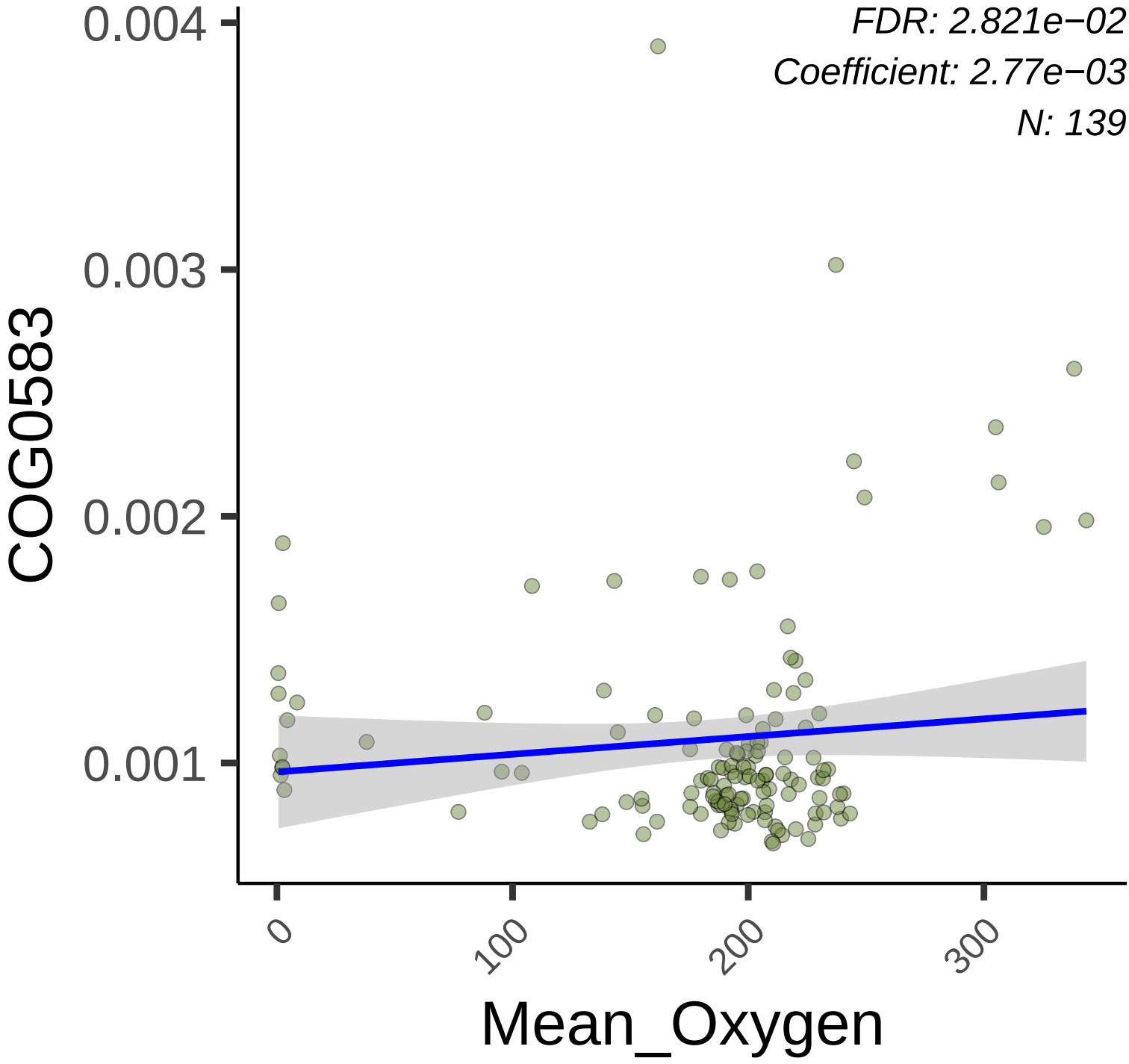
200
300
Mean_Oxygen


FDR: 2.791e−02
Coefficient: −9.32e−03
N: 139
2.0e−05
1.5e−05
1.0e−05
5.0e−06
0.0e+00
COG5297
0
100
200
300
Mean_Oxygen


FDR: 2.821e−02
Coefficient: 2.77e−03
N: 139
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0.003
0.002
0.001
COG0583
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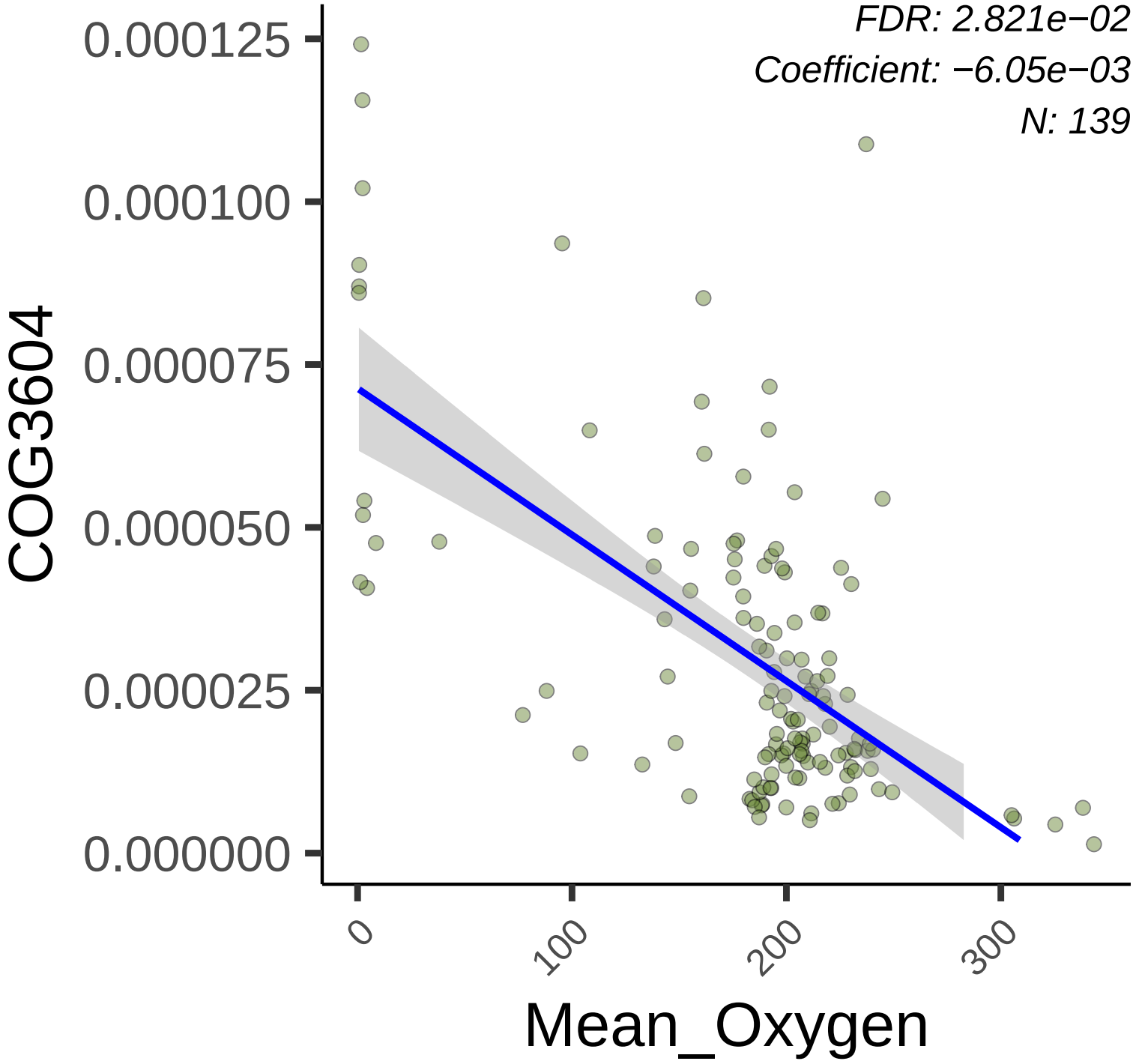
200
300
Mean_Oxygen


FDR: 2.821e−02
Coefficient: −6.05e−03
N: 139
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0.000075
0.000050
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0.000000
COG3604
0
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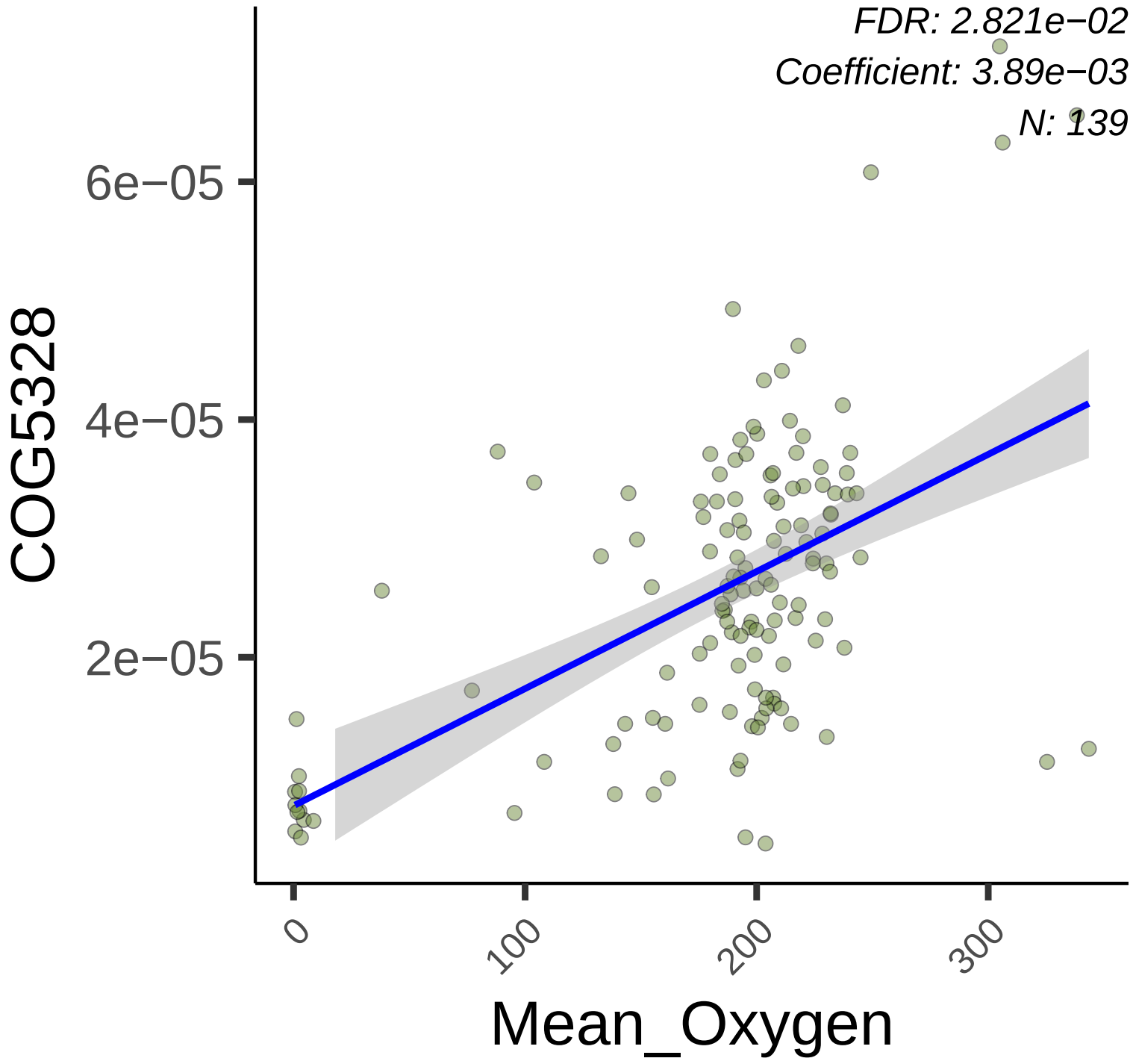
200
300
Mean_Oxygen


FDR: 2.821e−02
Coefficient: 3.89e−03
N: 139
COG5328
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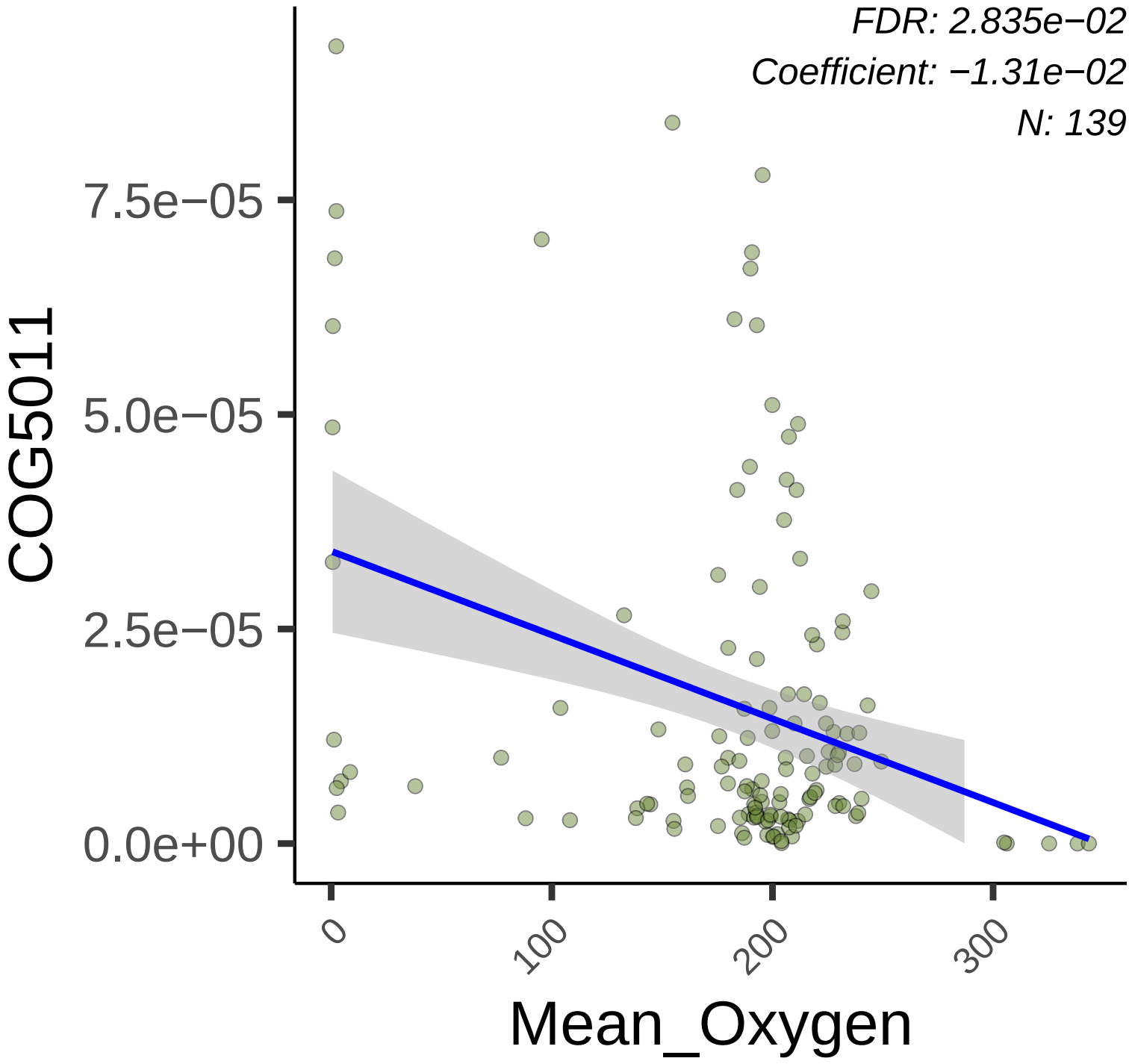
200
300
Mean_Oxygen


FDR: 2.835e−02
Coefficient: −1.31e−02
N: 139
COG5011
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5.0e−05
2.5e−05
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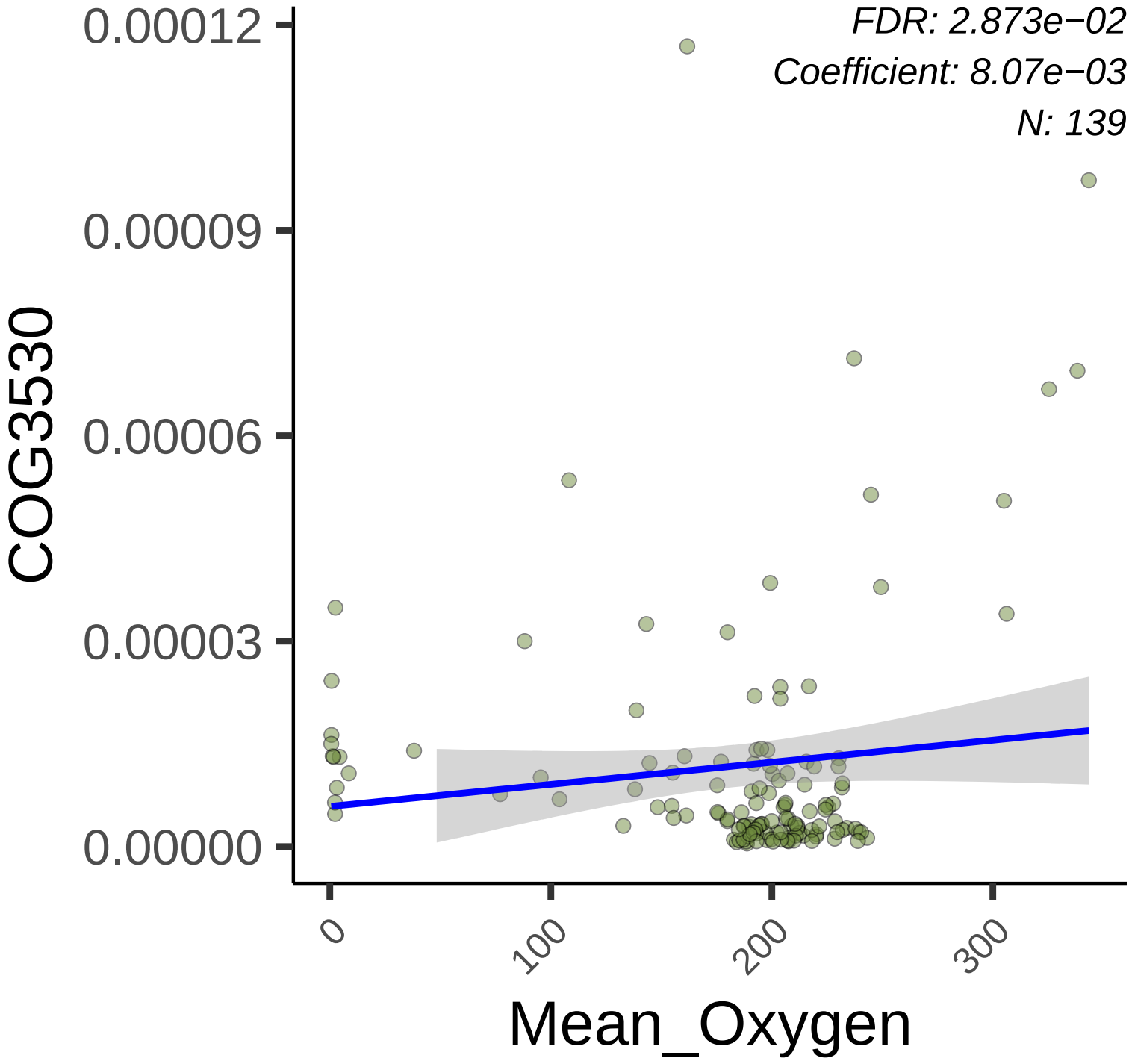
100
200
300
Mean_Oxygen


FDR: 2.873e−02
Coefficient: 8.07e−03
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0.00003
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COG3530
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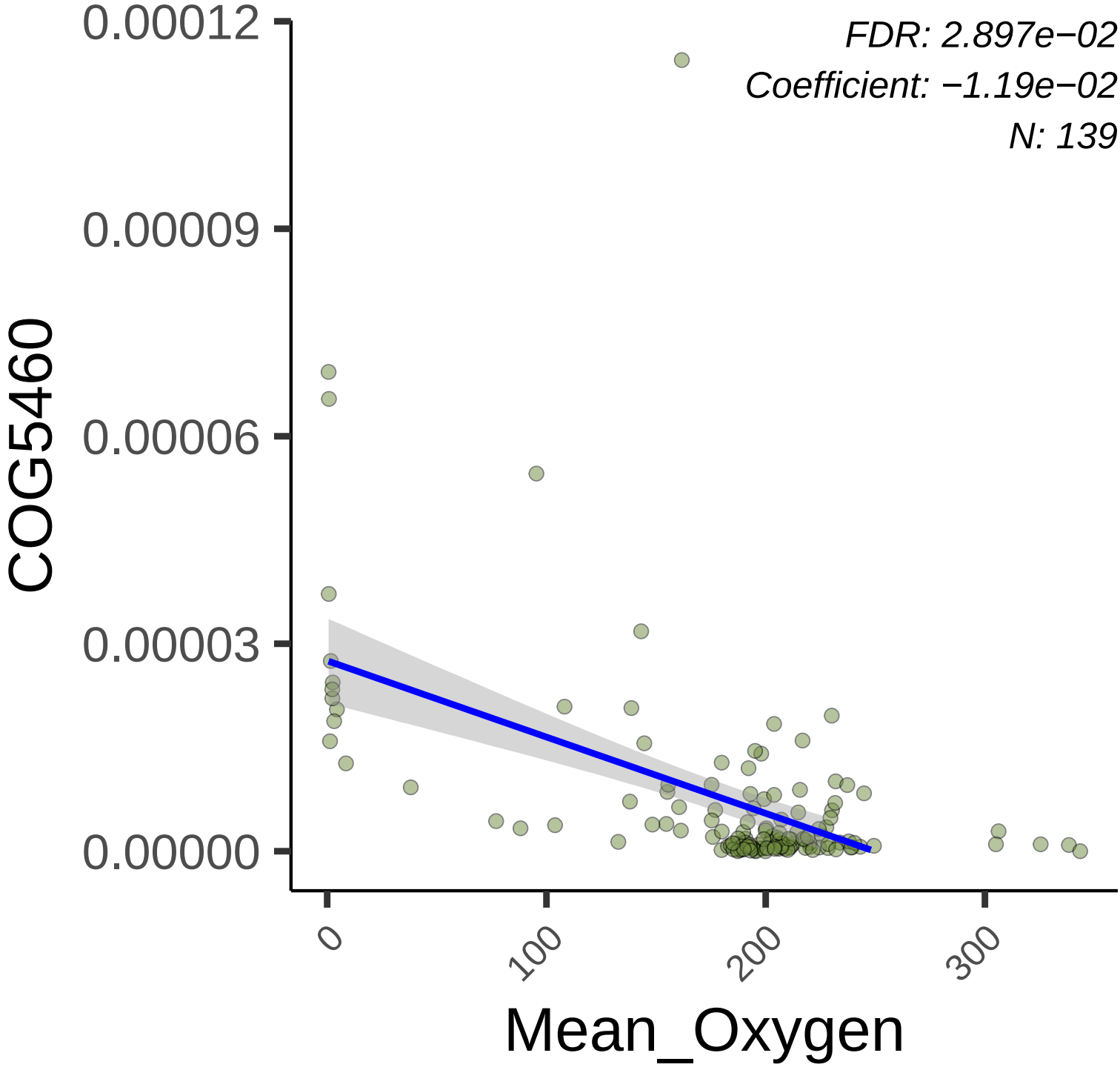
200
300
Mean_Oxygen


FDR: 2.897e−02
Coefficient: −1.19e−02
N: 139
COG5460
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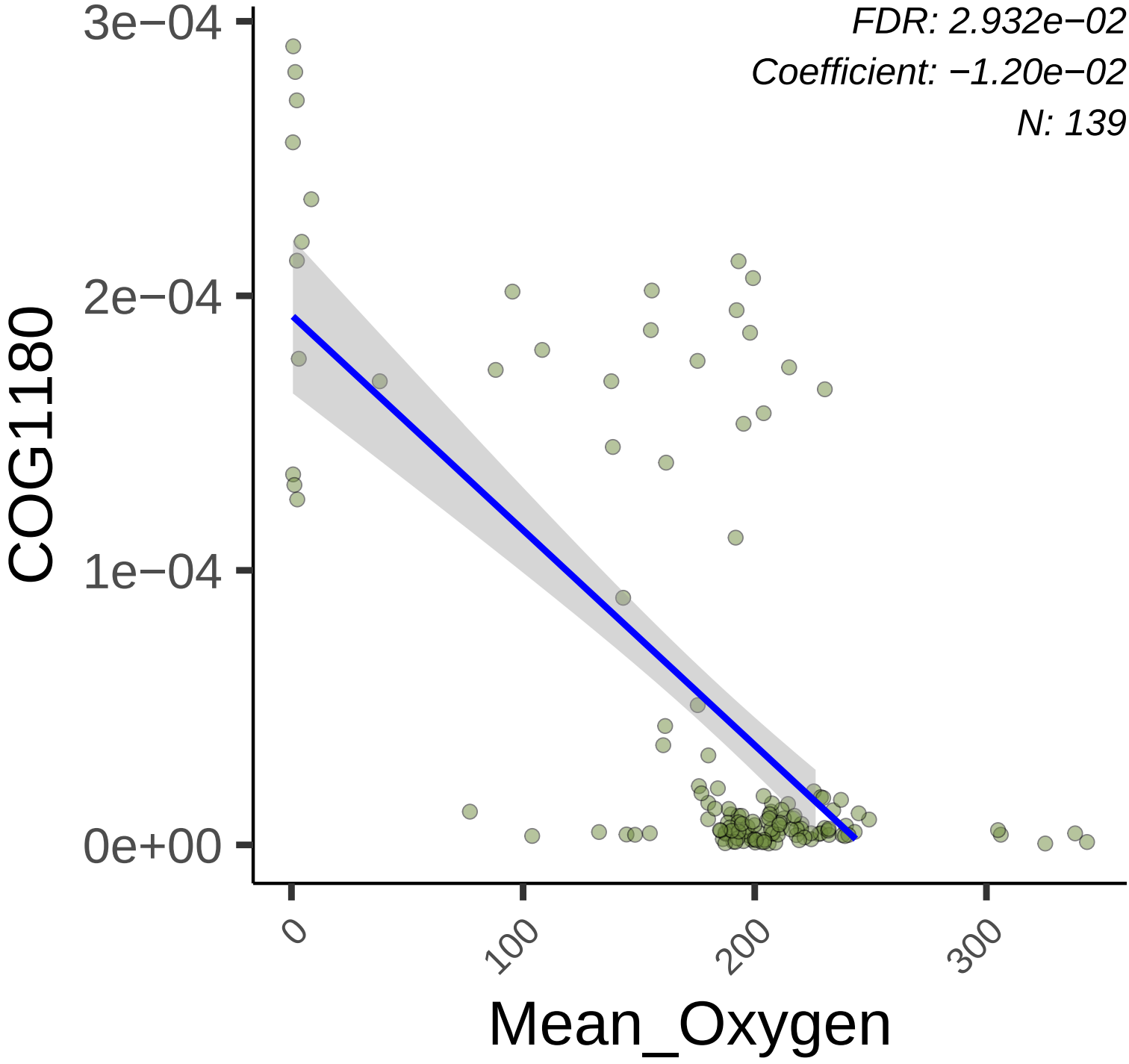
0.00006
0.00003
0.00000
0
100
200
300
Mean_Oxygen


FDR: 2.932e−02
Coefficient: −1.20e−02
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2e−04
1e−04
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COG1180
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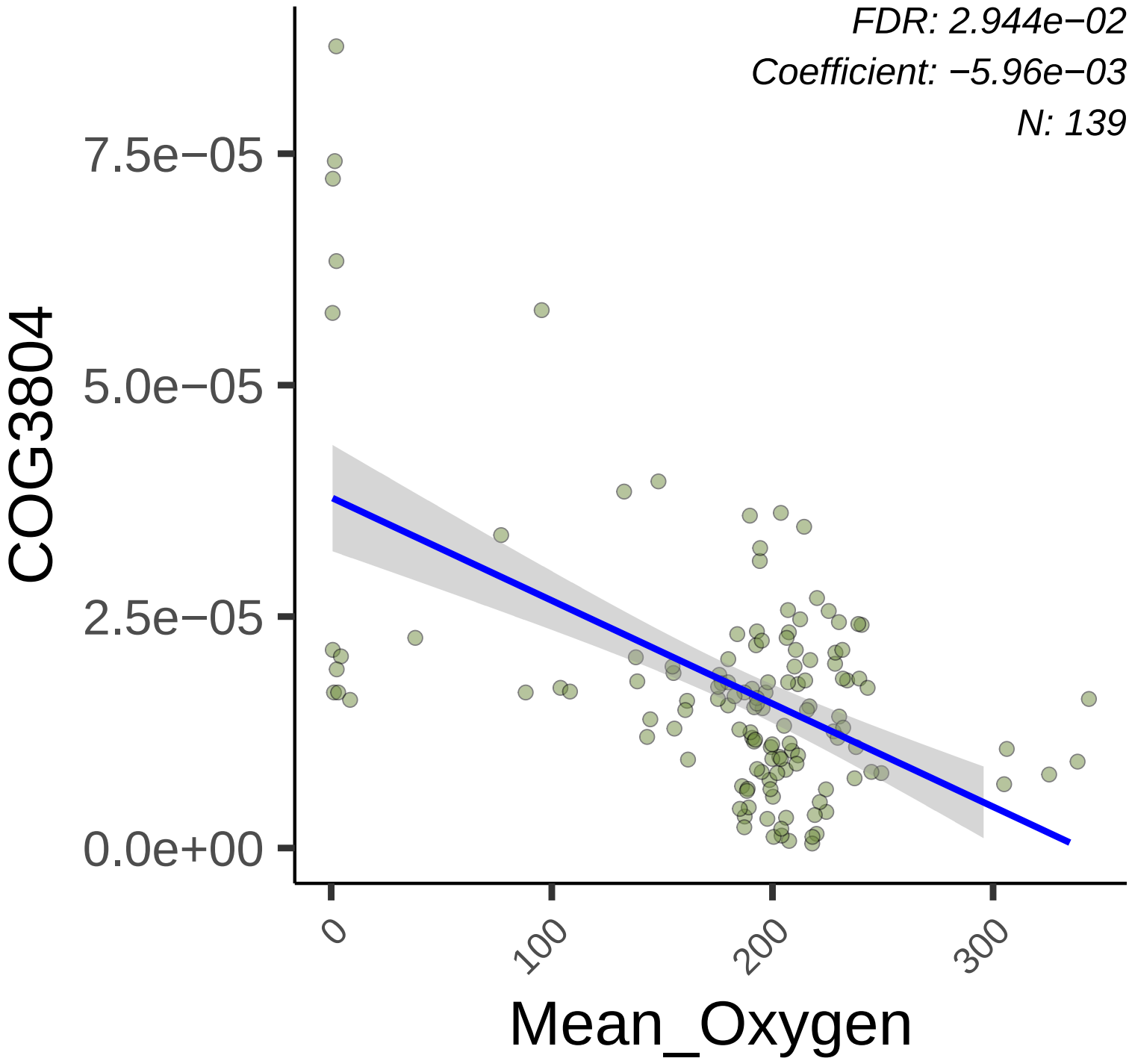
100
200
300
Mean_Oxygen


FDR: 2.944e−02
Coefficient: −5.96e−03
N: 139
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2.5e−05
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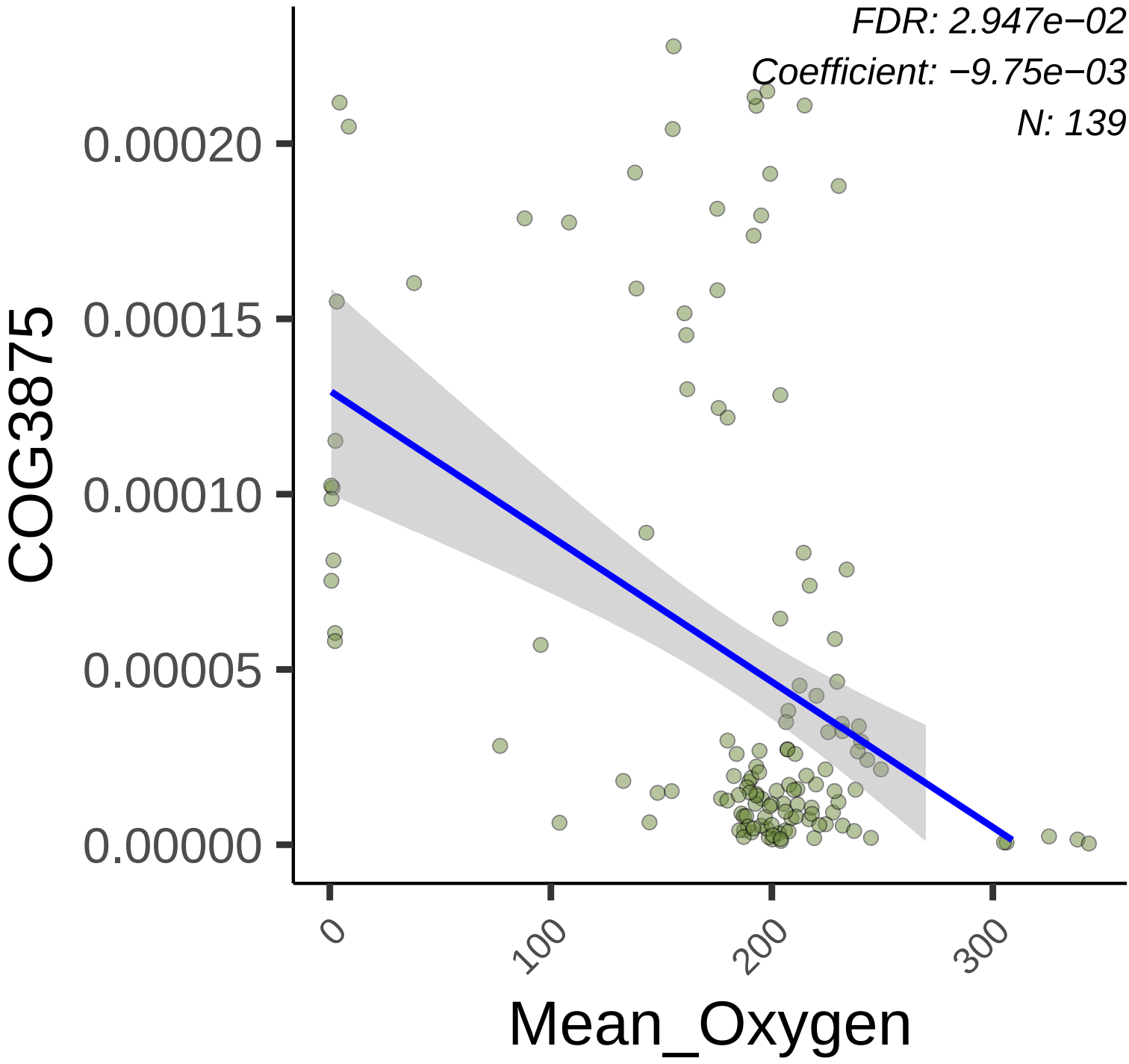
0
100
200
300
Mean_Oxygen


FDR: 2.947e−02
Coefficient: −9.75e−03
N: 139
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0
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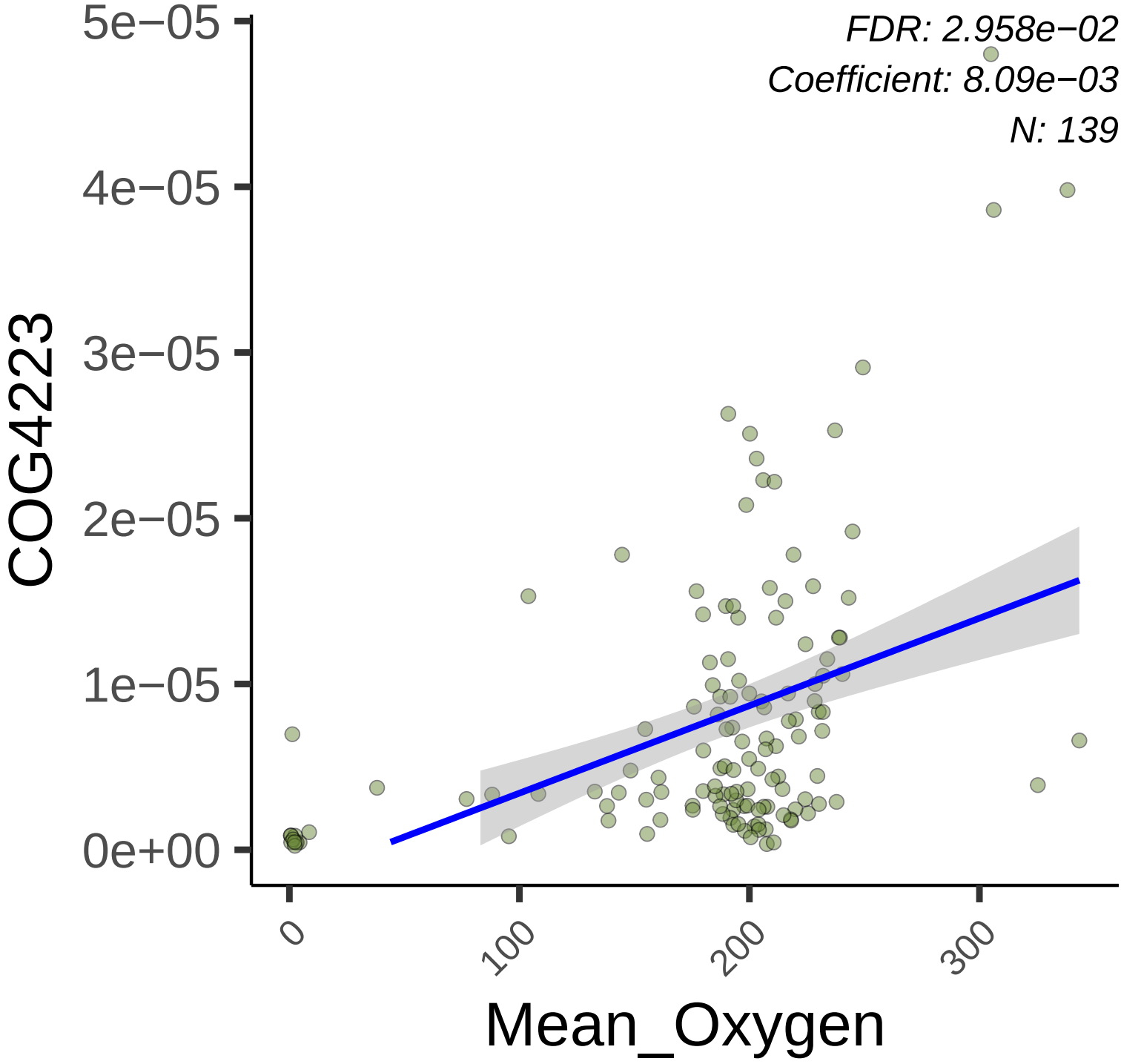
200
300
Mean_Oxygen


FDR: 2.958e−02
Coefficient: 8.09e−03
N: 139
COG4223
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4e−05
3e−05
2e−05
1e−05
0e+00
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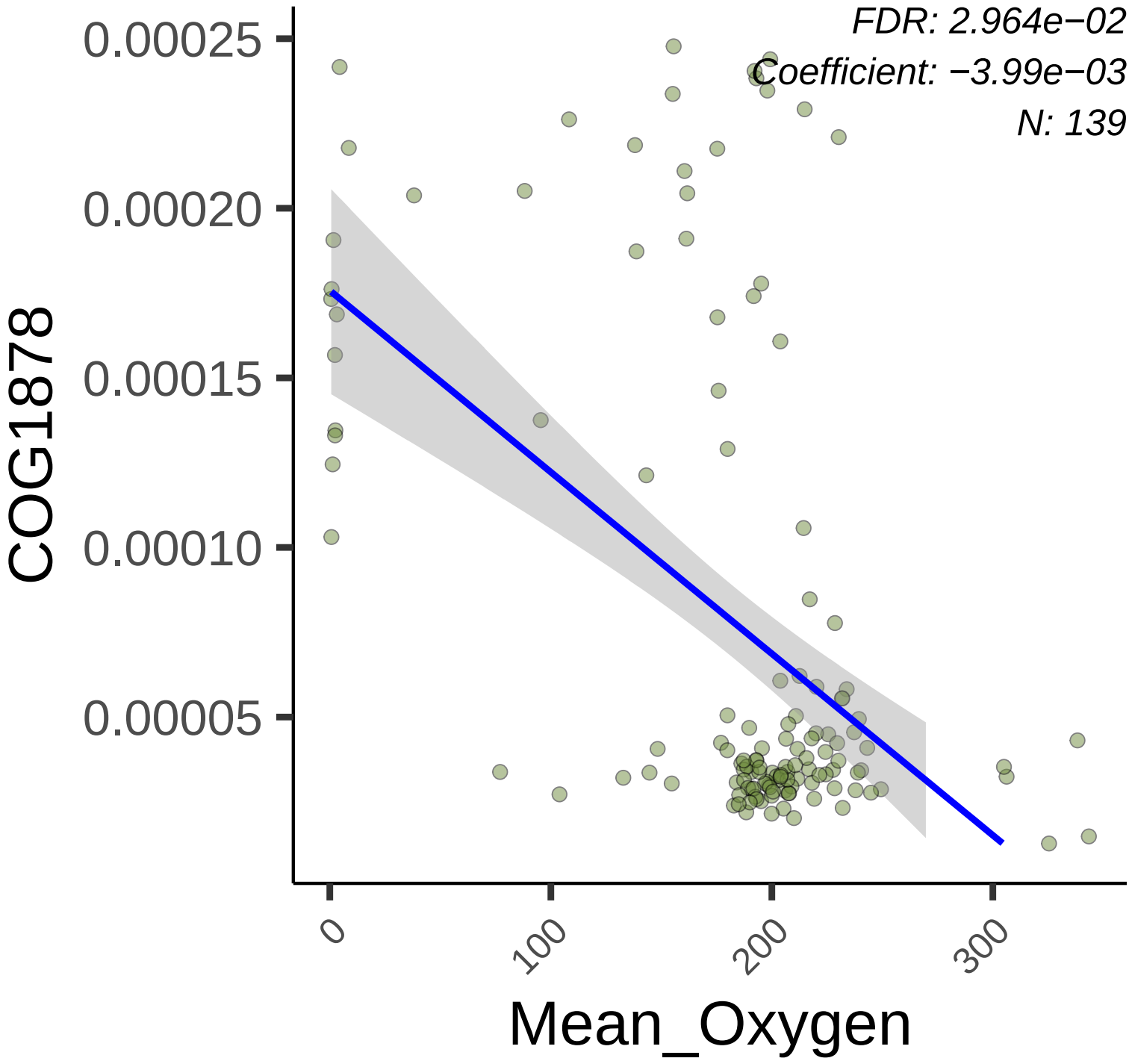
200
300
Mean_Oxygen


FDR: 2.964e−02
Coefficient: −3.99e−03
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0.00010
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COG1878
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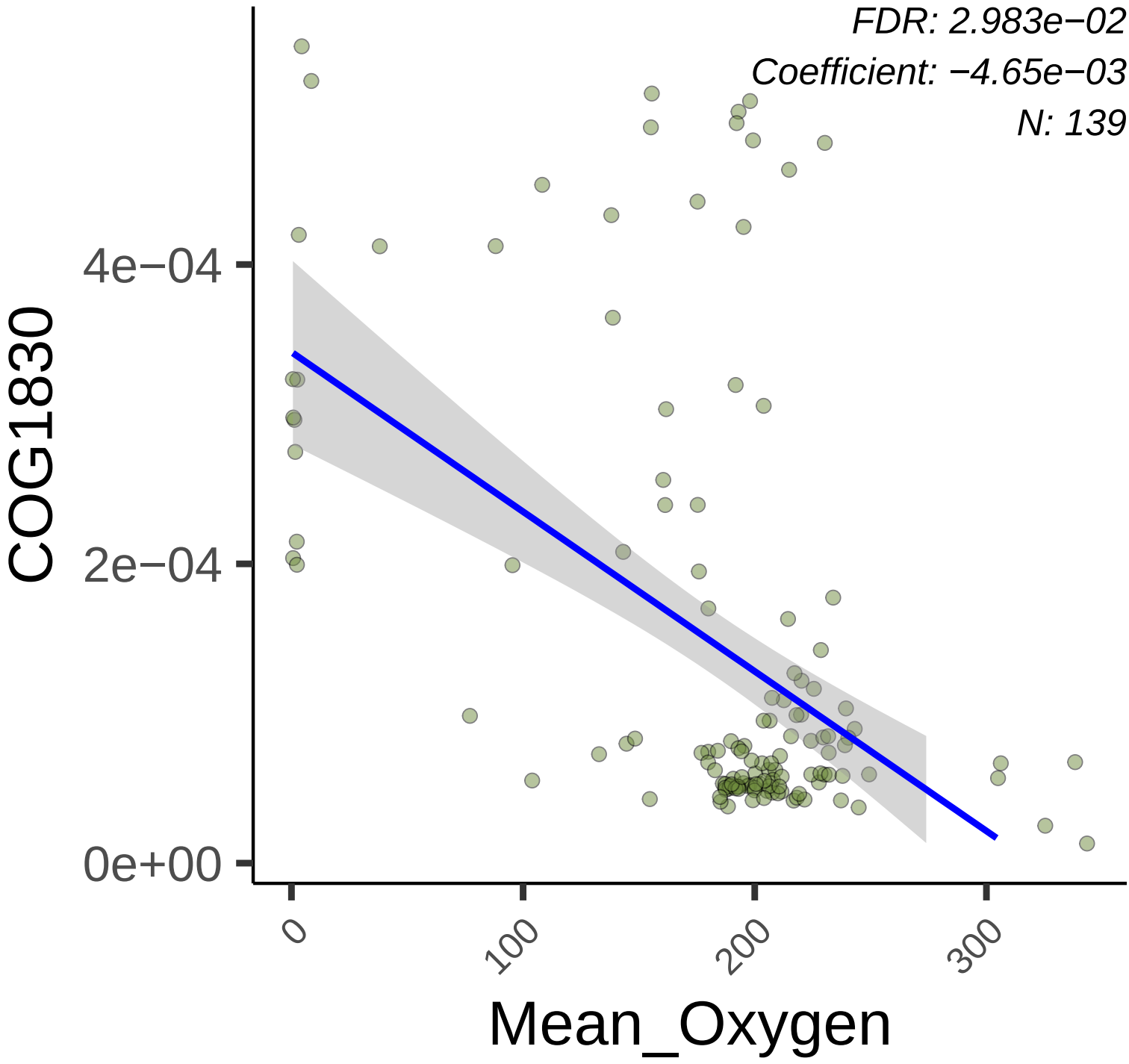
200
300
Mean_Oxygen


FDR: 2.983e−02
Coefficient: −4.65e−03
N: 139
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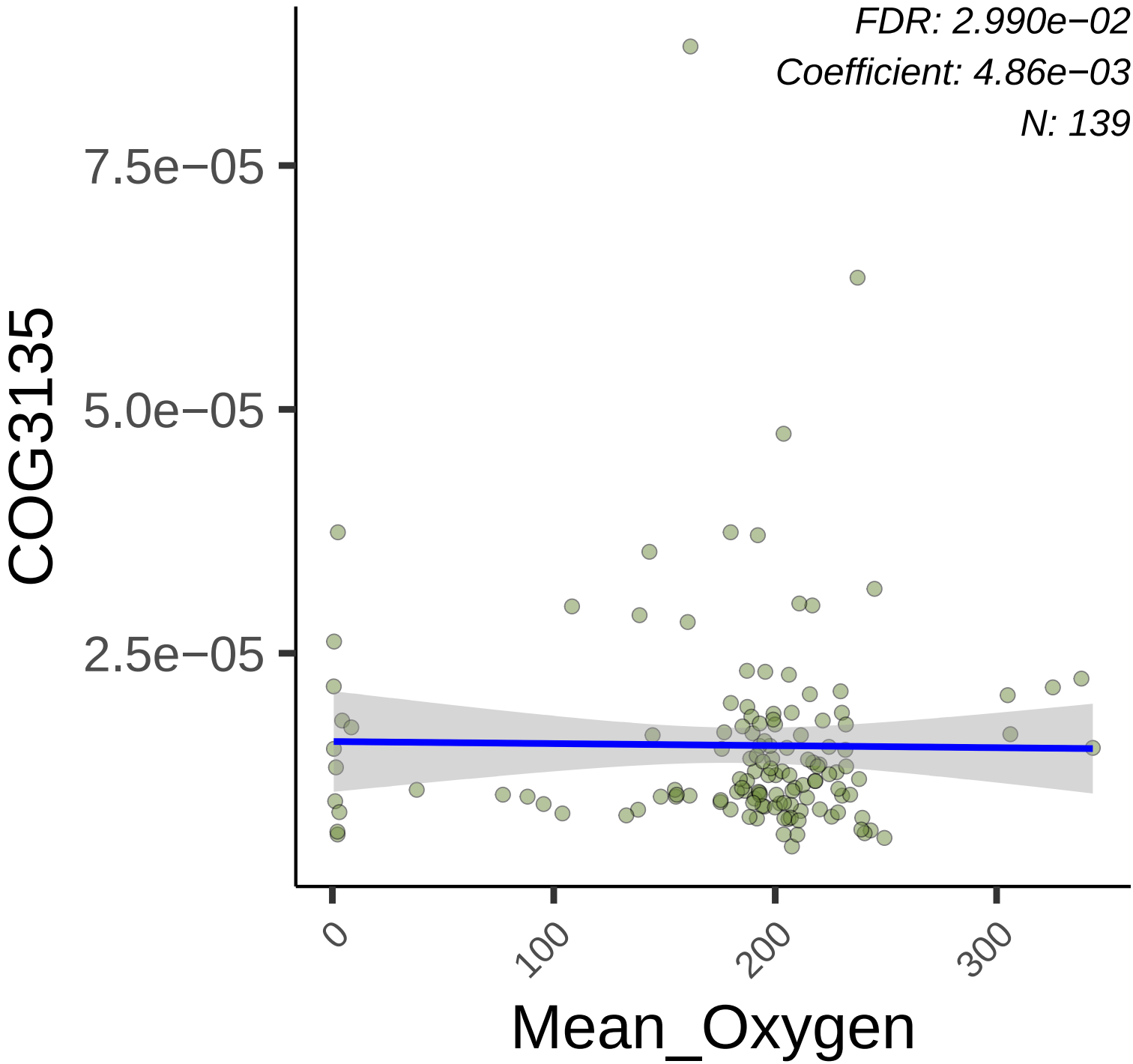
300
Mean_Oxygen


FDR: 2.990e−02
Coefficient: 4.86e−03
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COG3135
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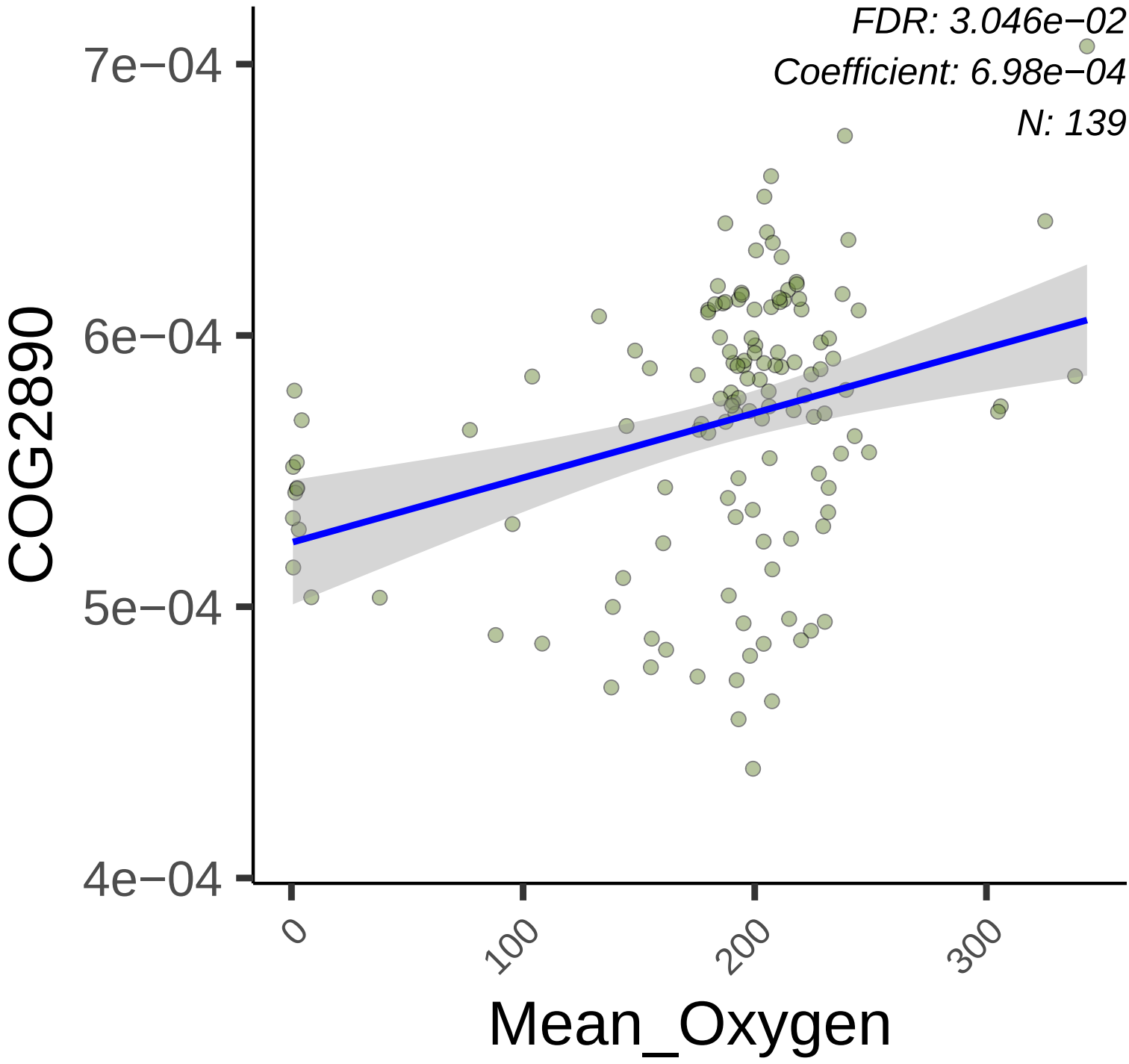
200
300
Mean_Oxygen


FDR: 3.046e−02
Coefficient: 6.98e−04
N: 139
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6e−04
5e−04
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COG2890
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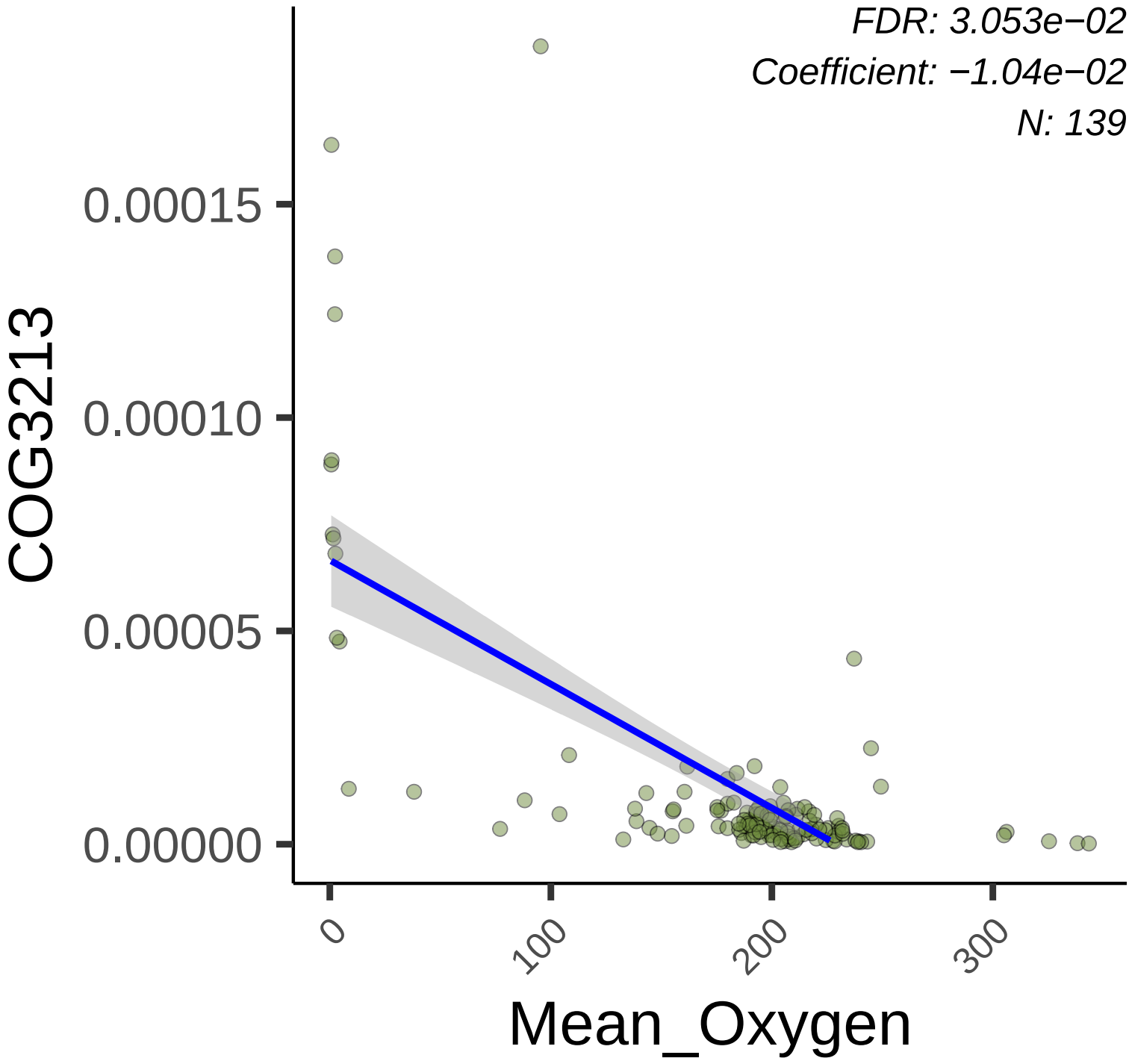
300
Mean_Oxygen


FDR: 3.053e−02
Coefficient: −1.04e−02
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COG3213
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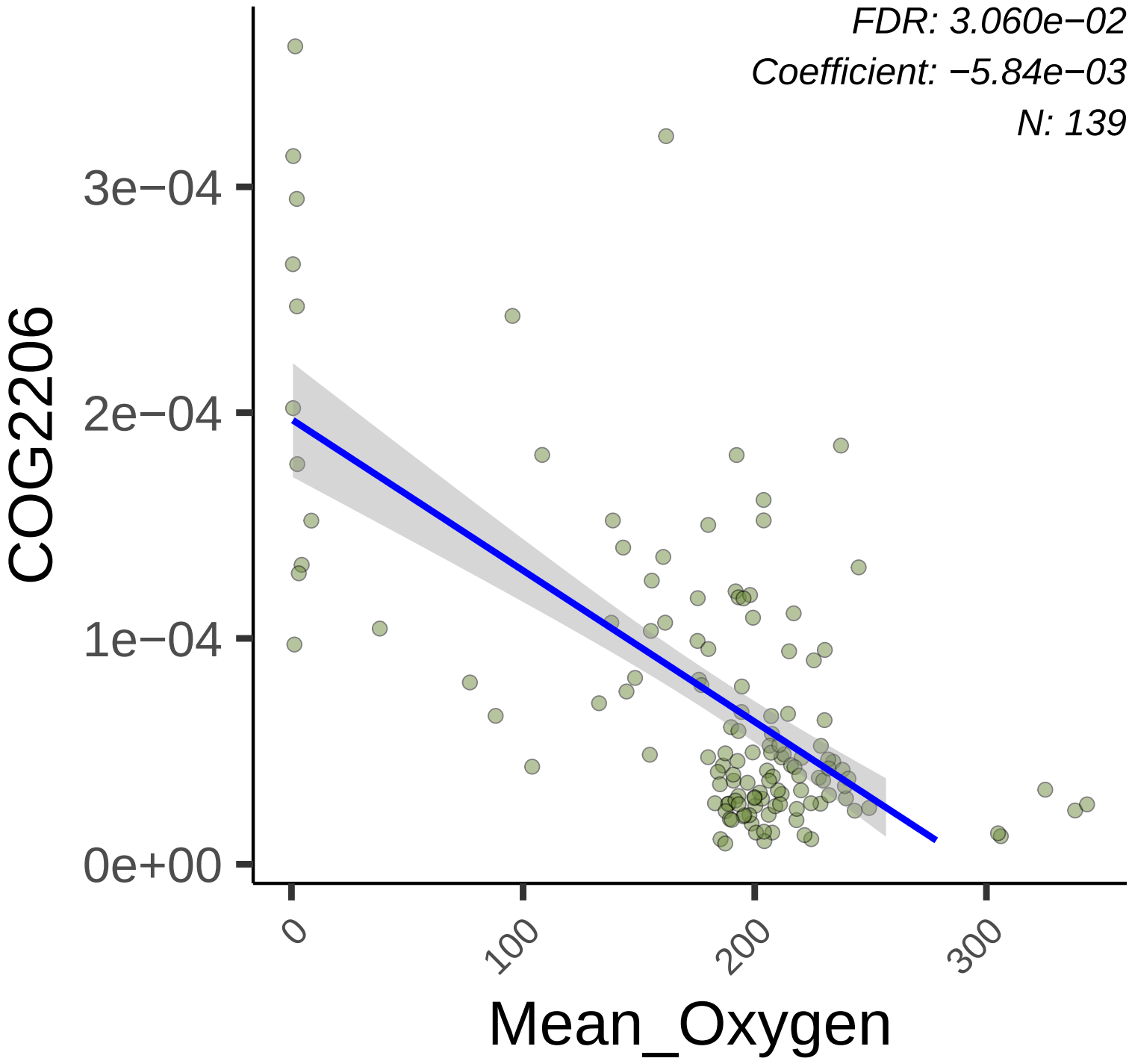
300
Mean_Oxygen


FDR: 3.060e−02
Coefficient: −5.84e−03
N: 139
COG2206
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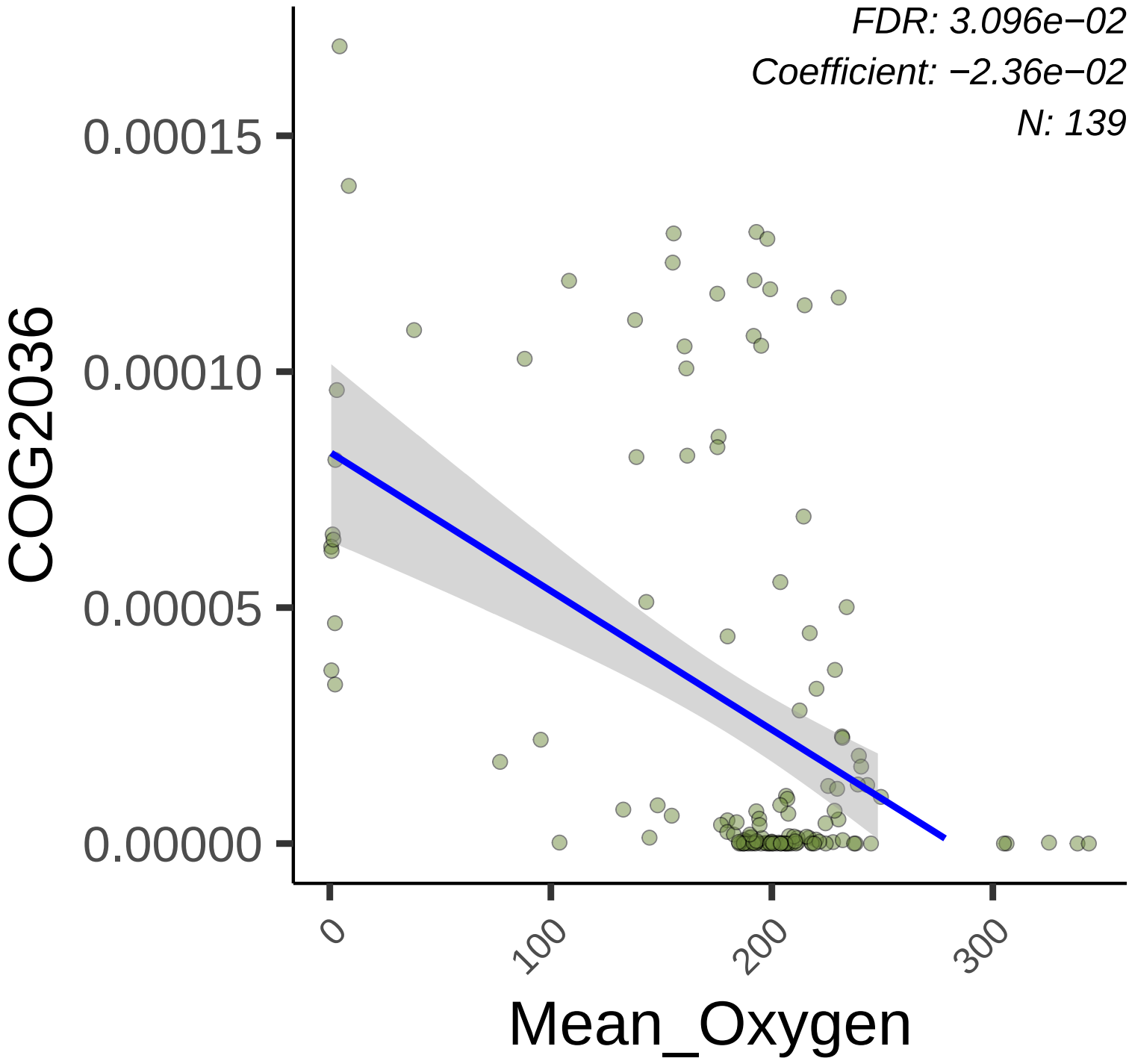
300
Mean_Oxygen


FDR: 3.096e−02
Coefficient: −2.36e−02
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COG2036
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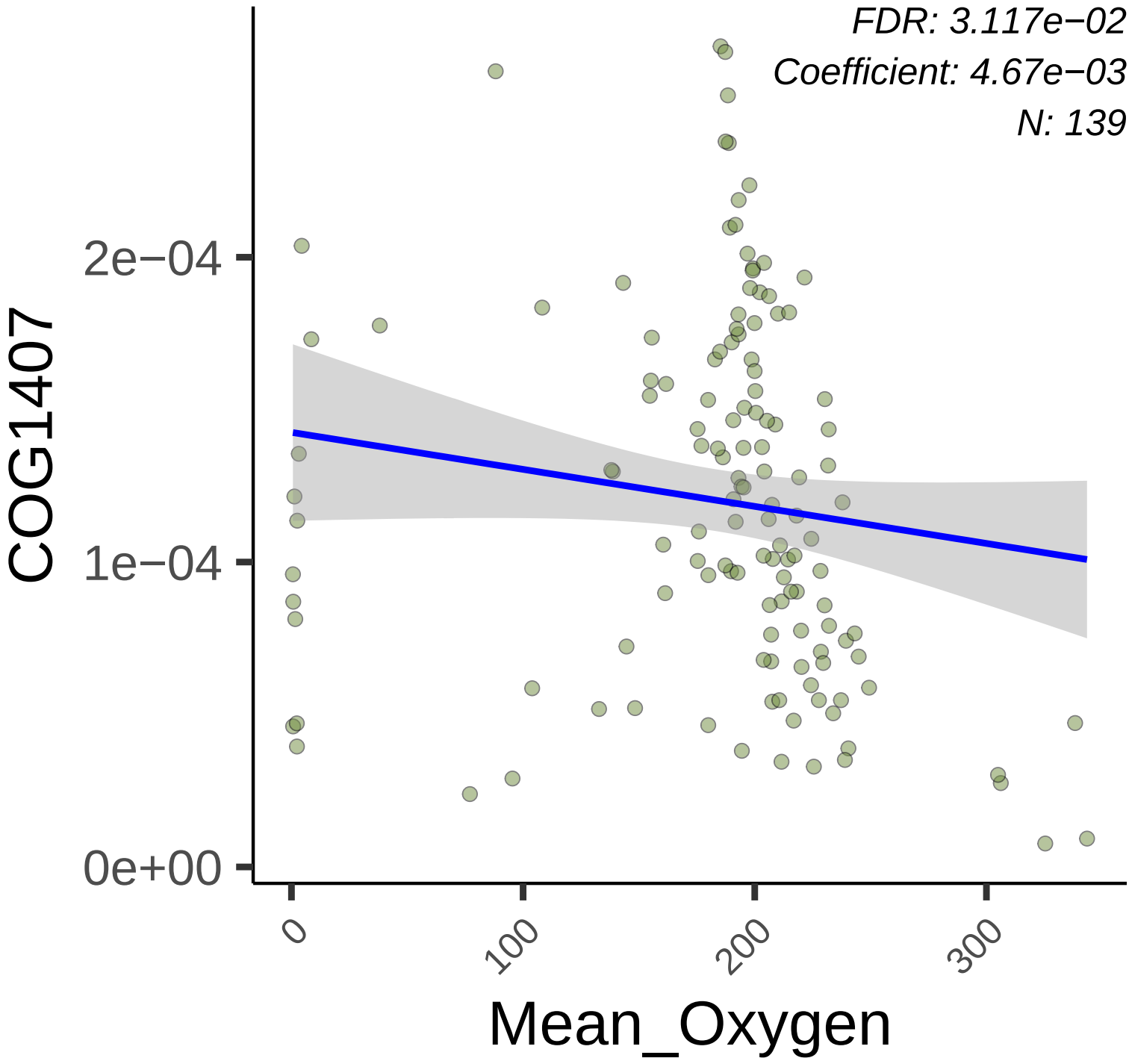
300
Mean_Oxygen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Coefficient: 4.67e−03
N: 139
COG1407
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1e−04
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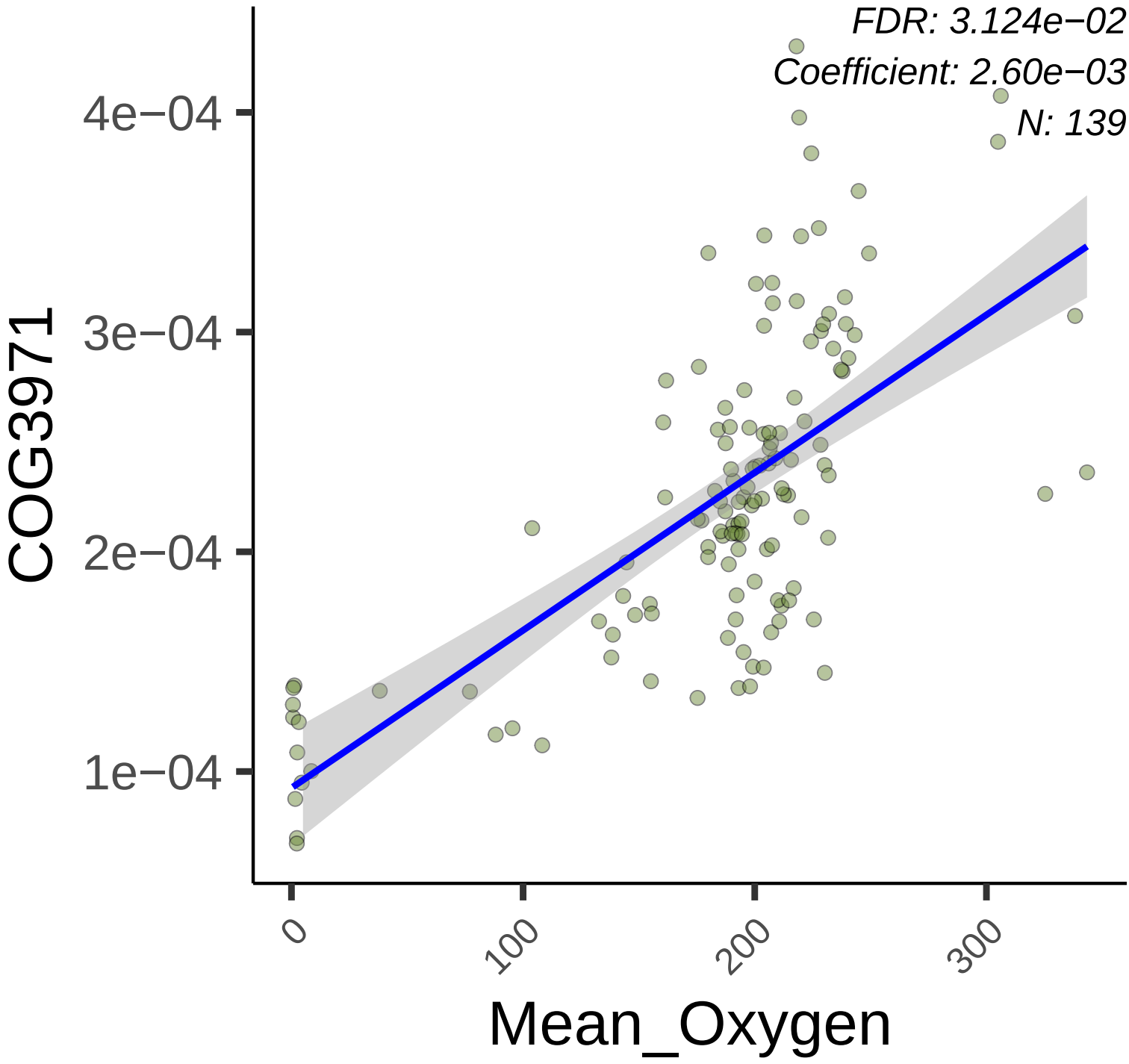
Mean_Oxygen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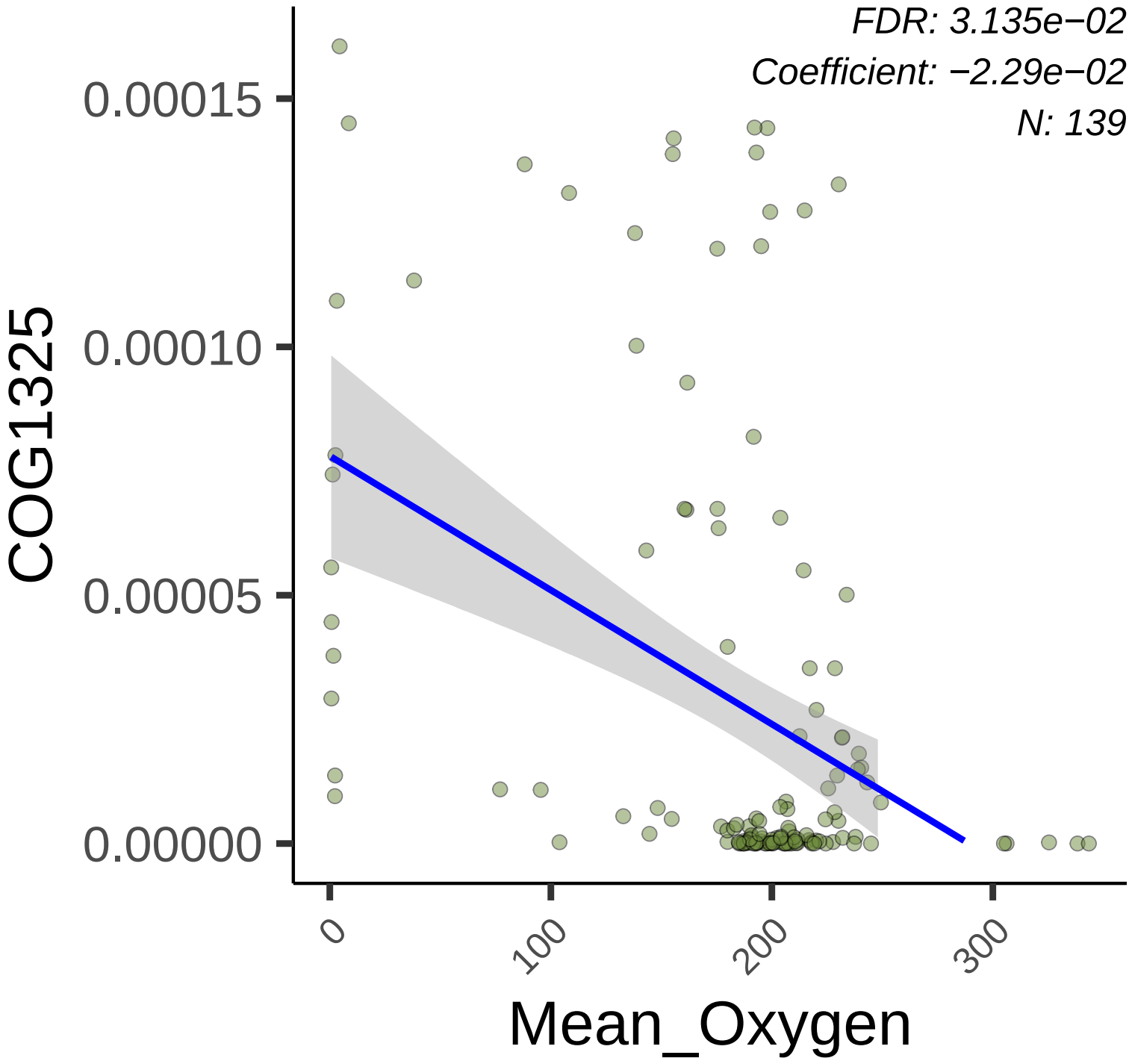
300
Mean_Oxygen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Coefficient: −2.29e−02
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COG1325
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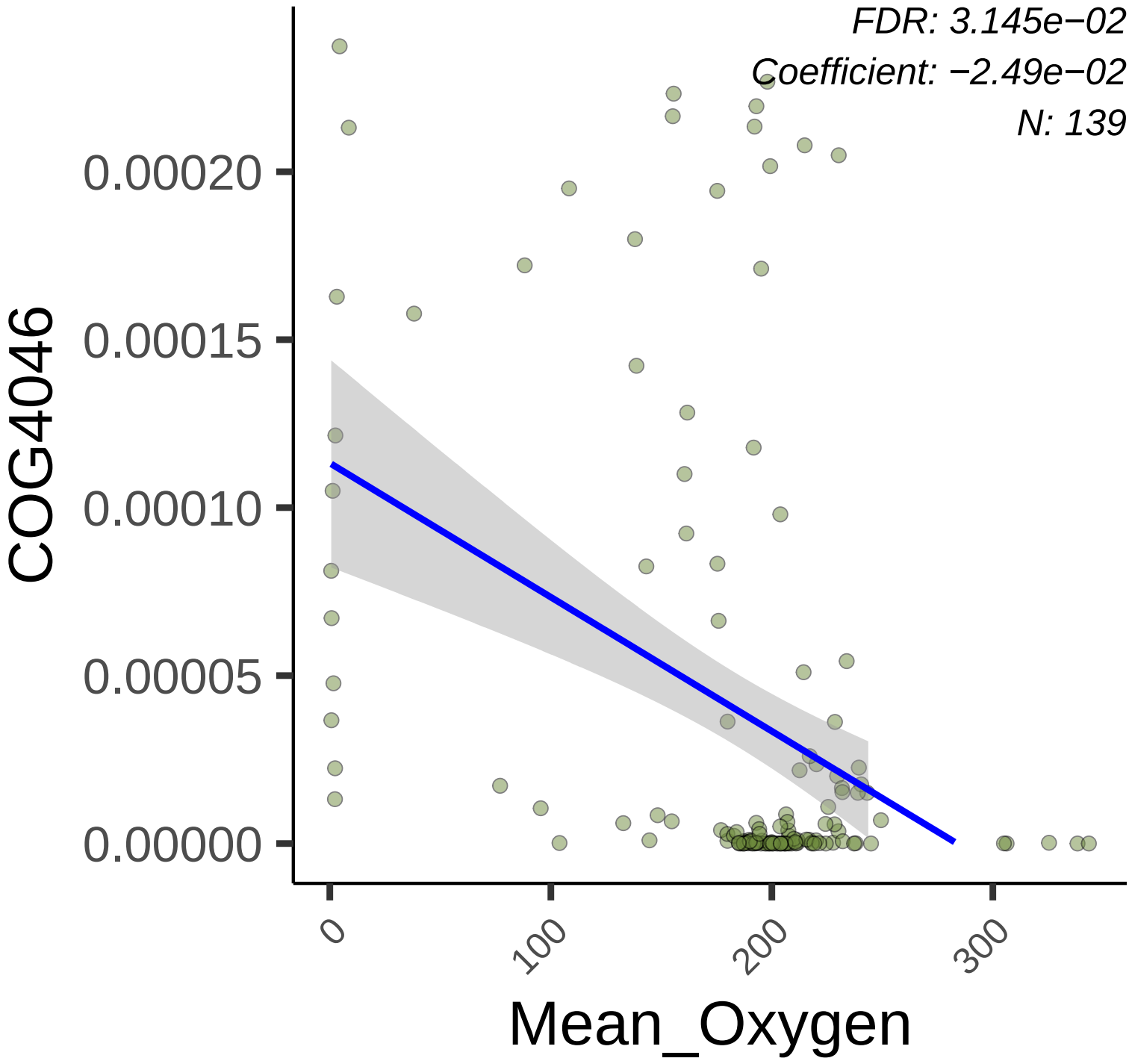
200
300
Mean_Oxygen


FDR: 3.145e−02
Coefficient: −2.49e−02
N: 139
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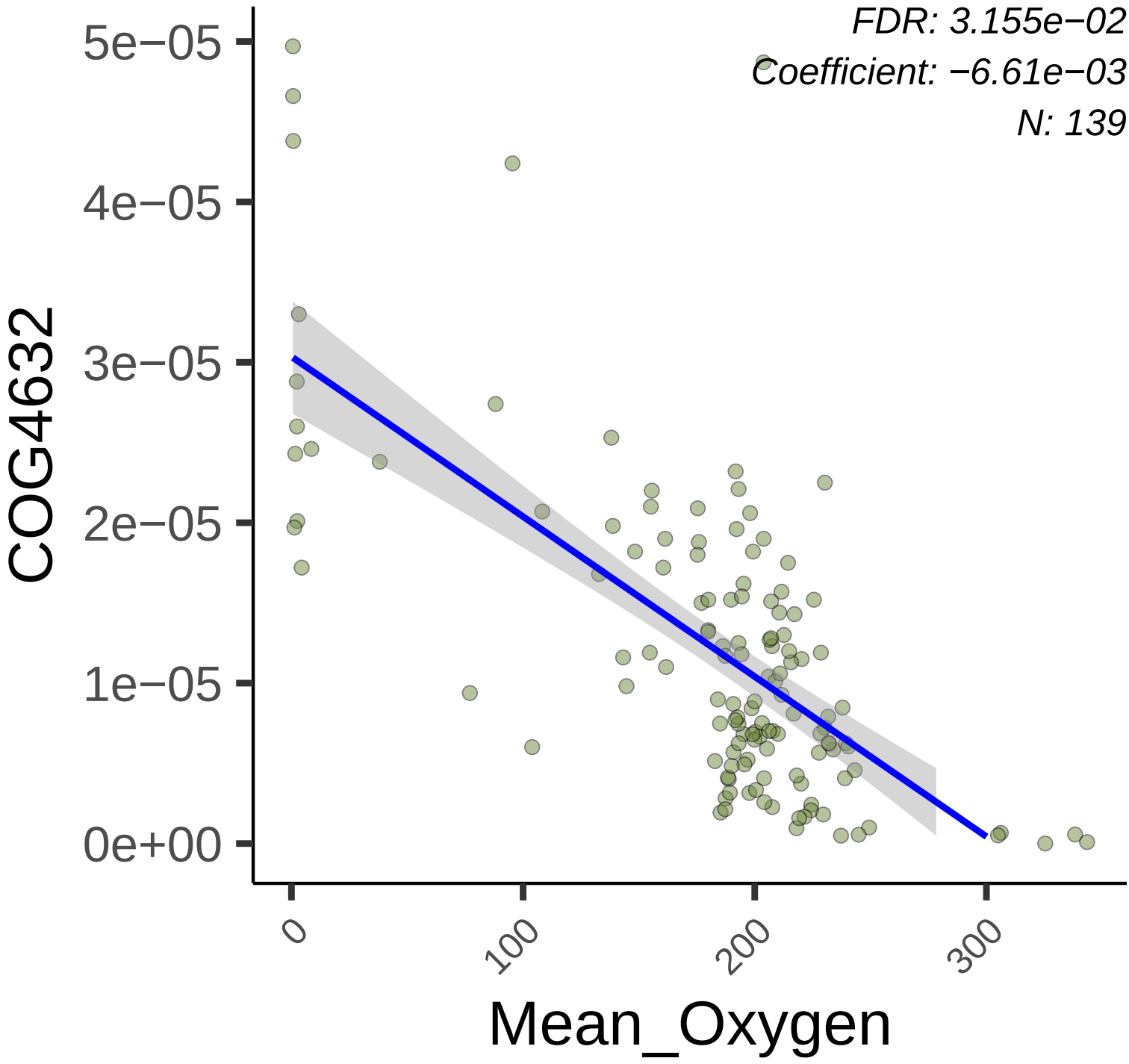
300
Mean_Oxygen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Coefficient: −6.61e−03
N: 139
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3e−05
2e−05
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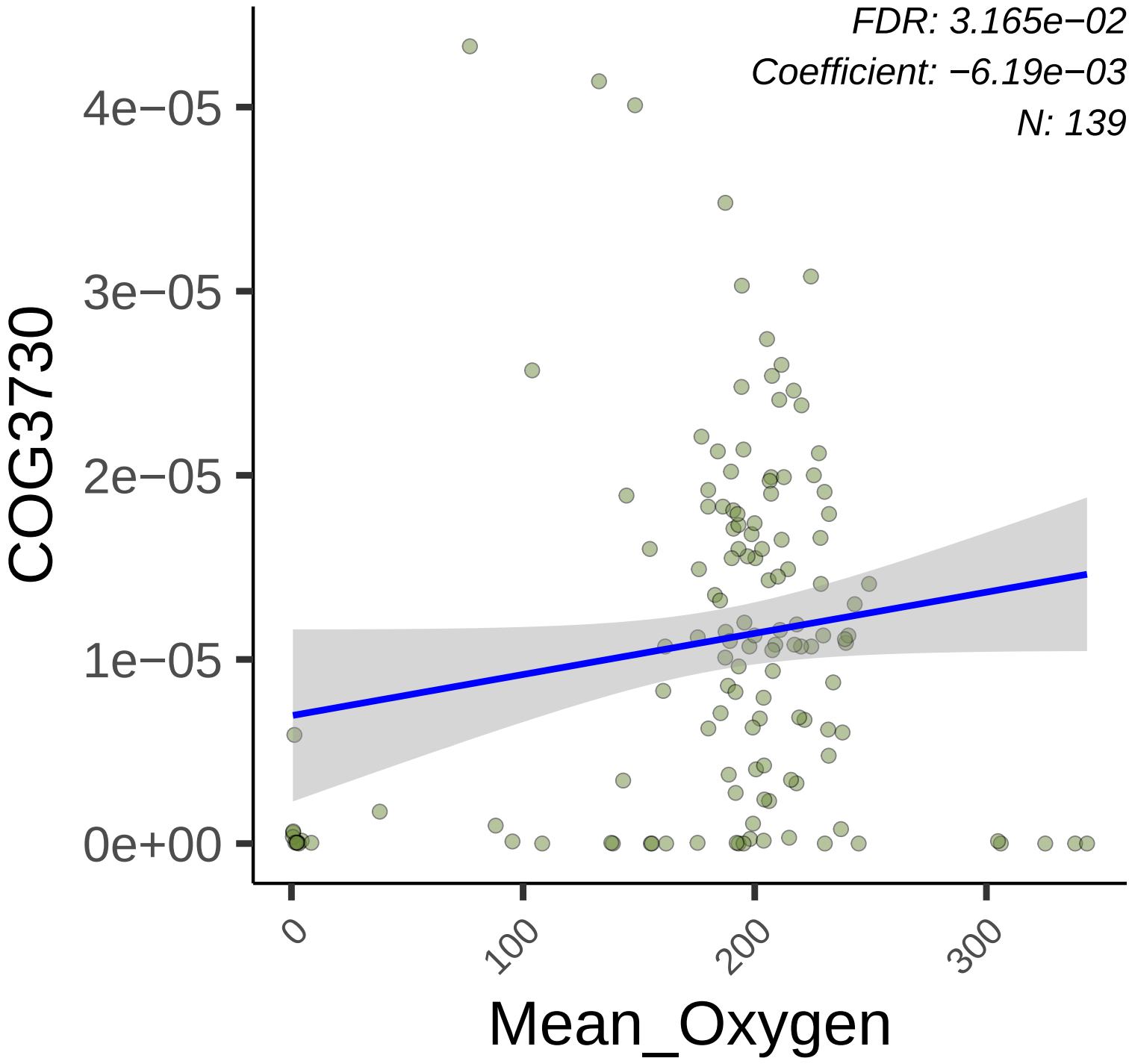
200
300
Mean_Oxygen


FDR: 3.165e−02
Coefficient: −6.19e−03
N: 139
COG3730
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2e−05
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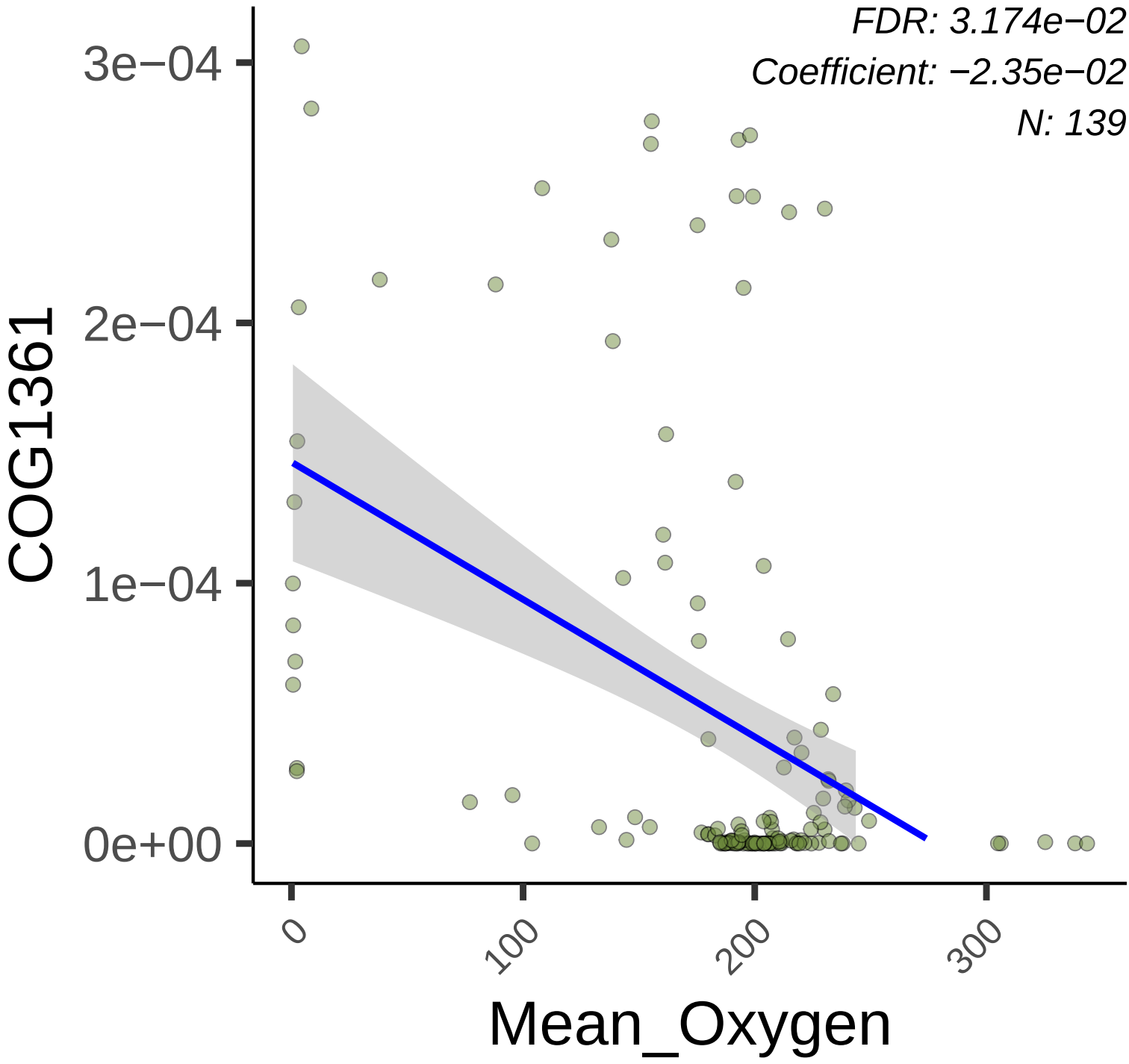
200
300
Mean_Oxygen


FDR: 3.174e−02
Coefficient: −2.35e−02
N: 139
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2e−04
1e−04
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COG1361
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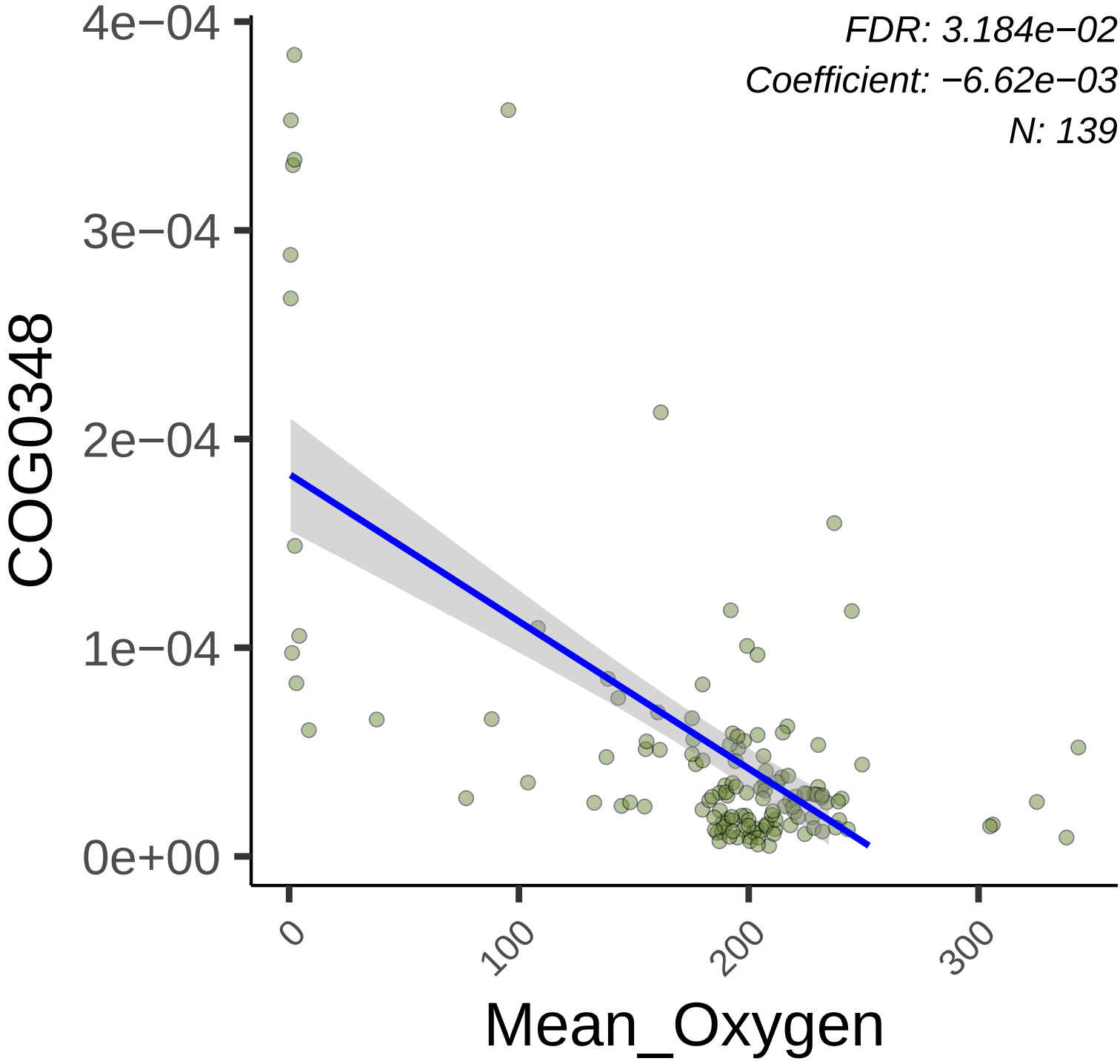
200
300
Mean_Oxygen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Coefficient: −6.62e−03
N: 139
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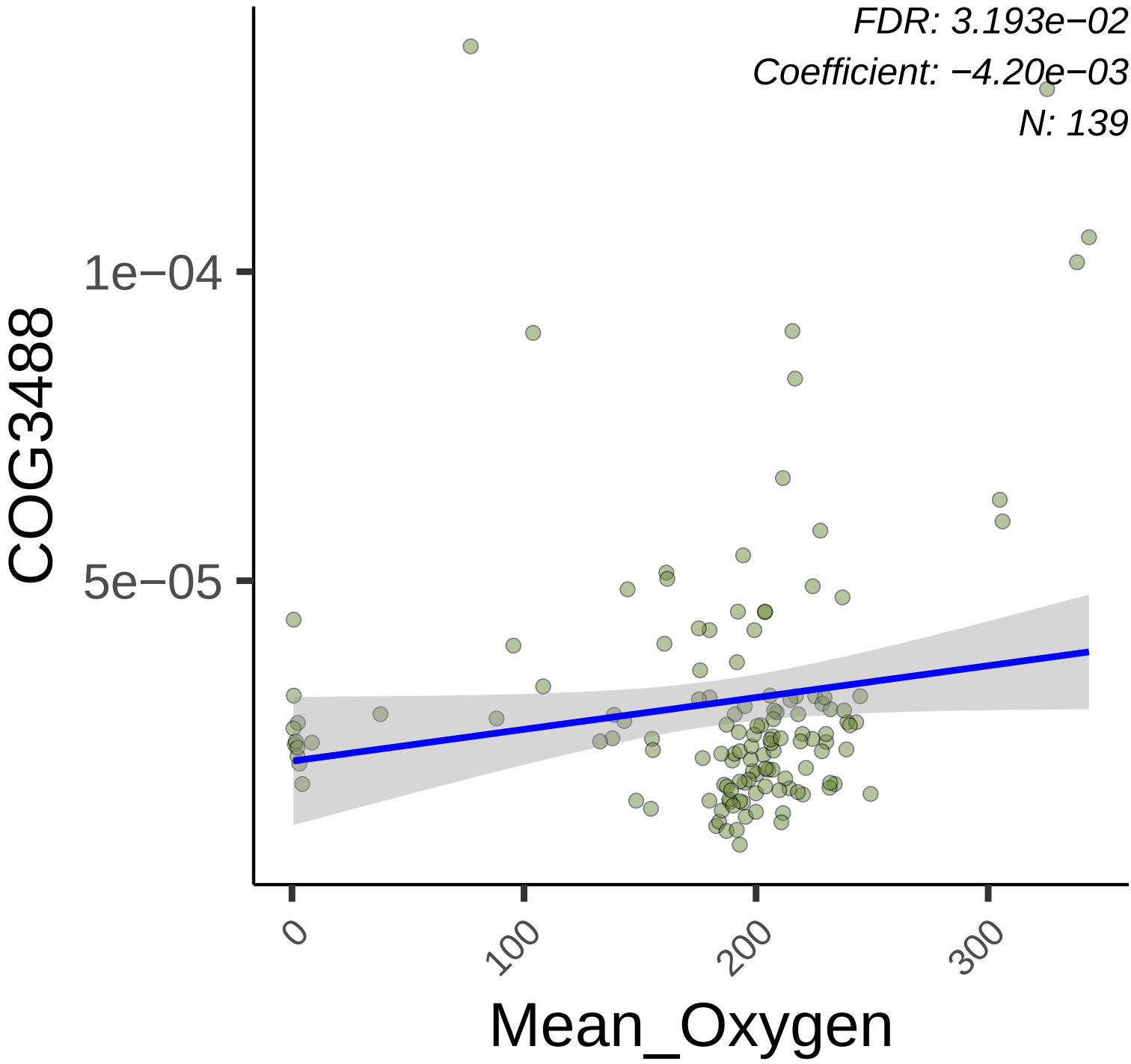
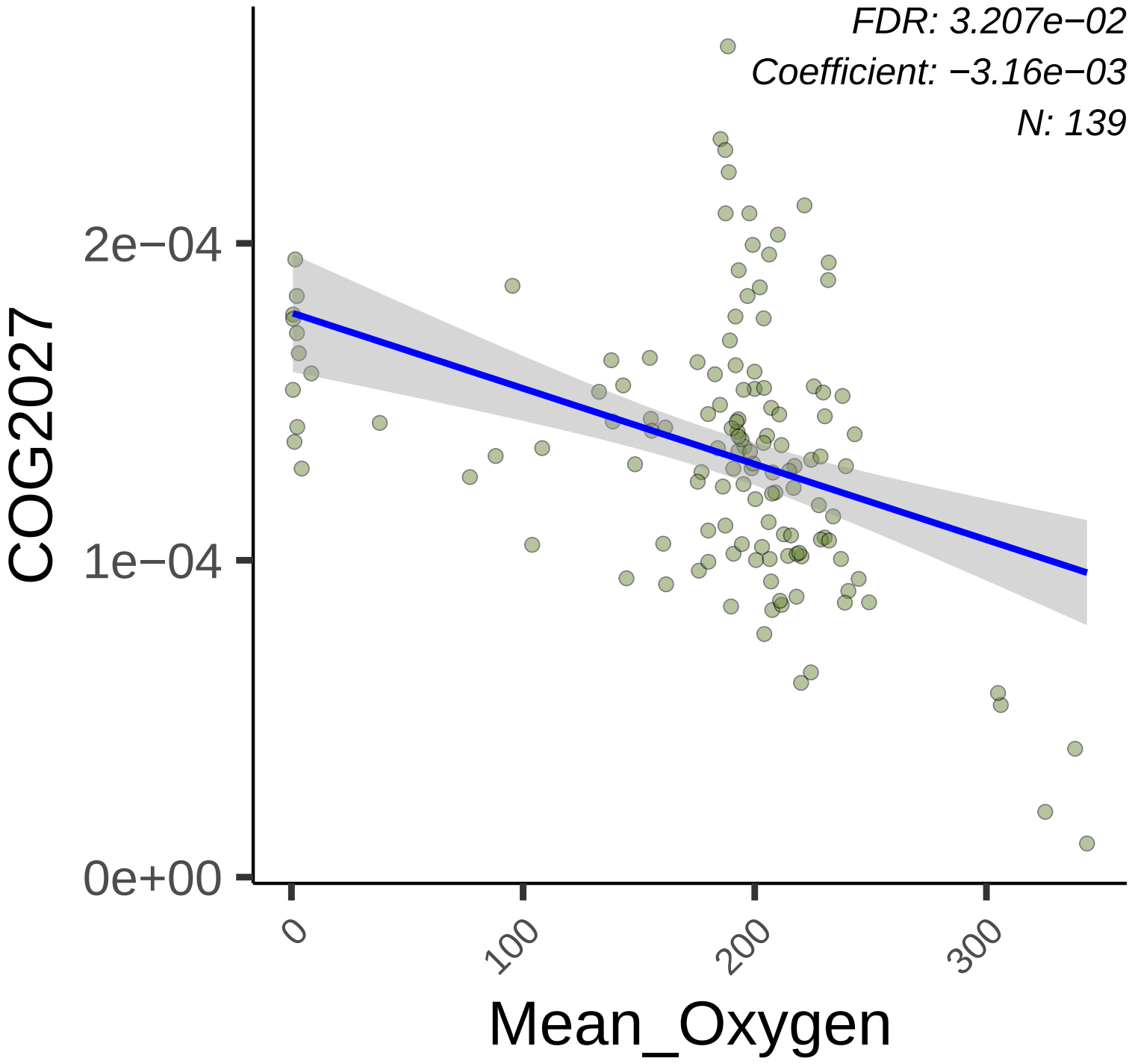
200
300
Mean_Oxygen


FDR: 3.193e−02
Coefficient: −4.20e−03
N: 139
COG3488
1e−04
5e−05
0
100
200
300
Mean_Oxygen


FDR: 3.207e−02
Coefficient: −3.16e−03
N: 139
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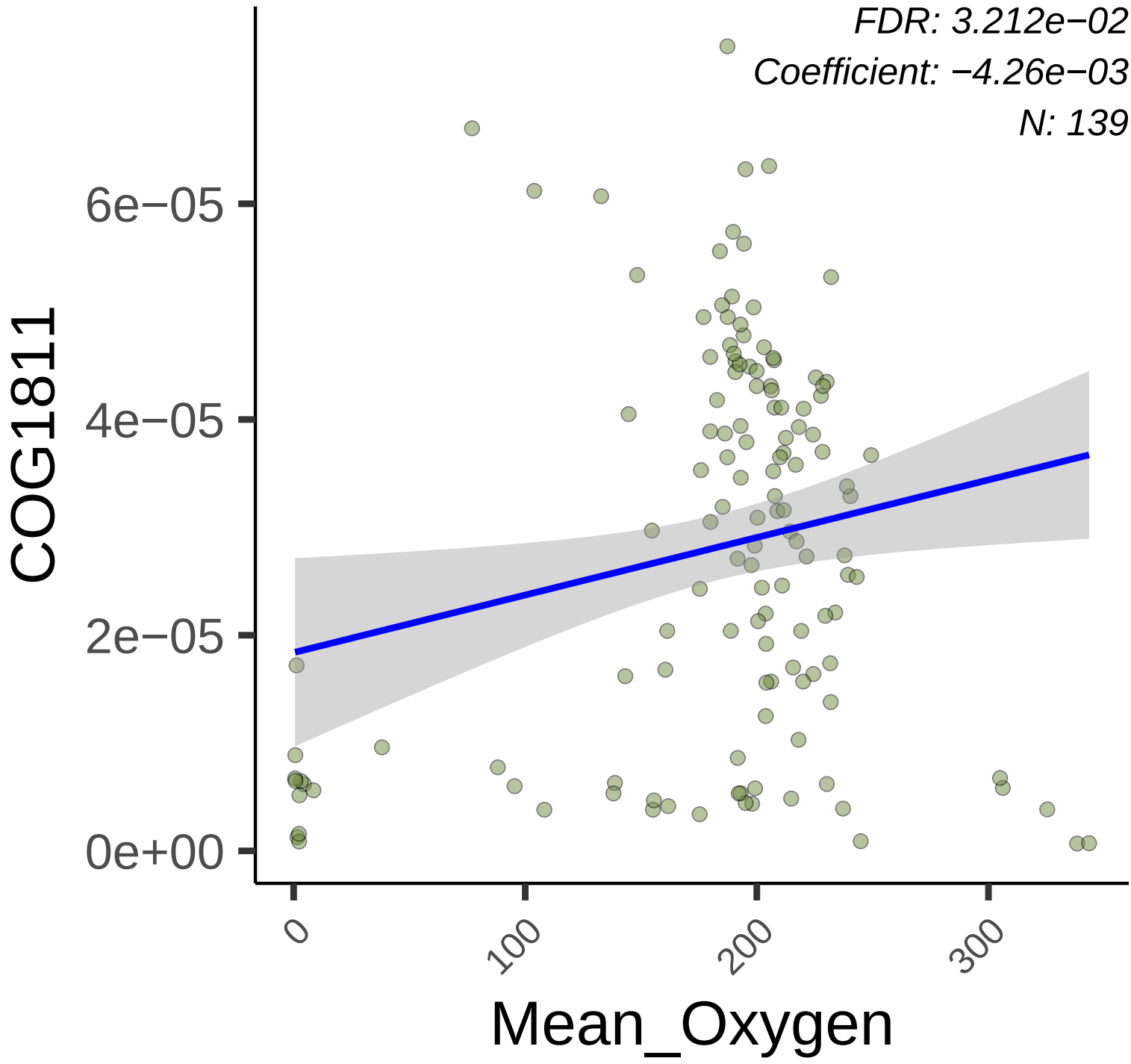
Mean_Oxygen


FDR: 3.212e−02
Coefficient: −4.26e−03
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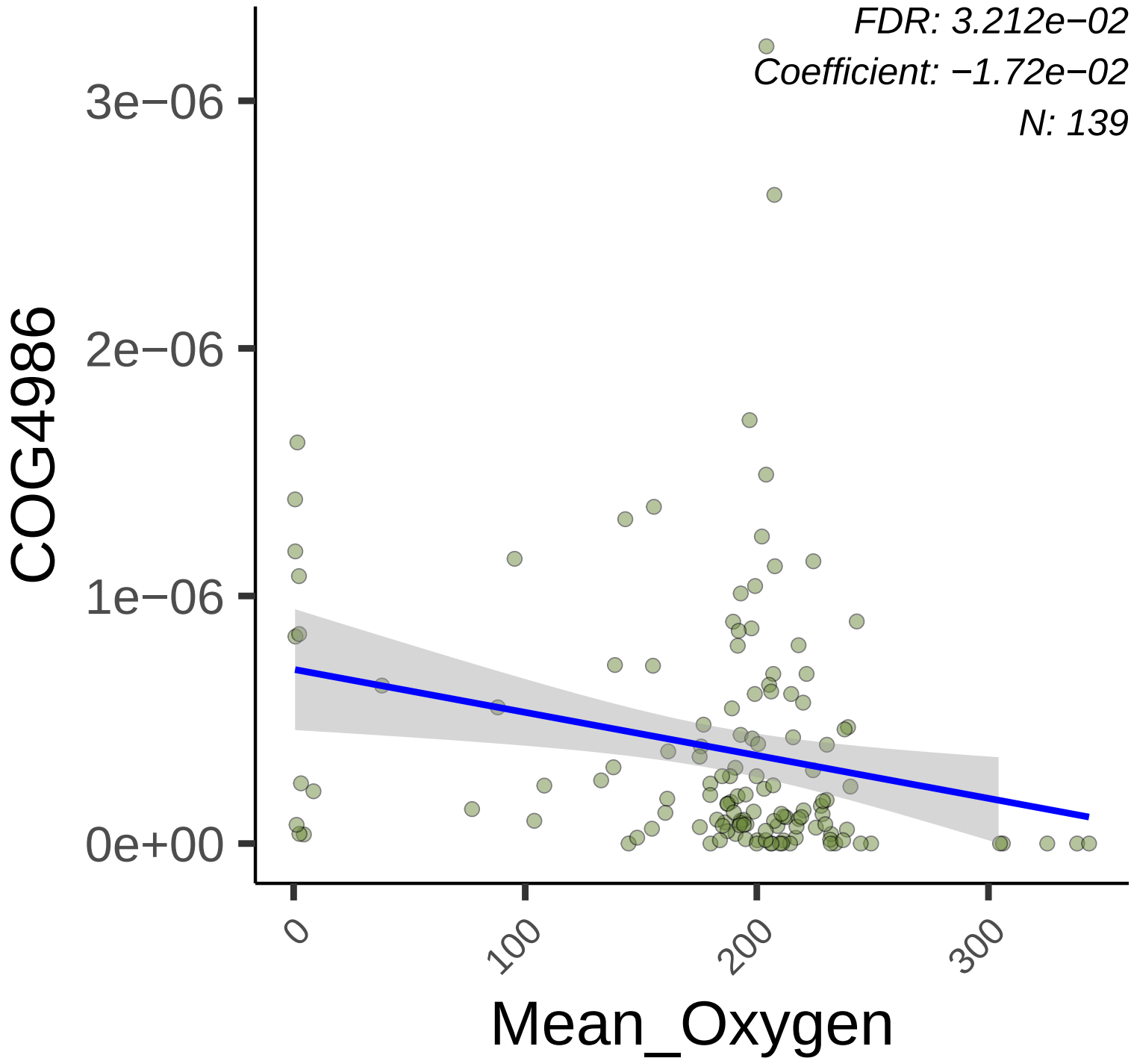
Mean_Oxygen


FDR: 3.212e−02
Coefficient: −1.72e−02
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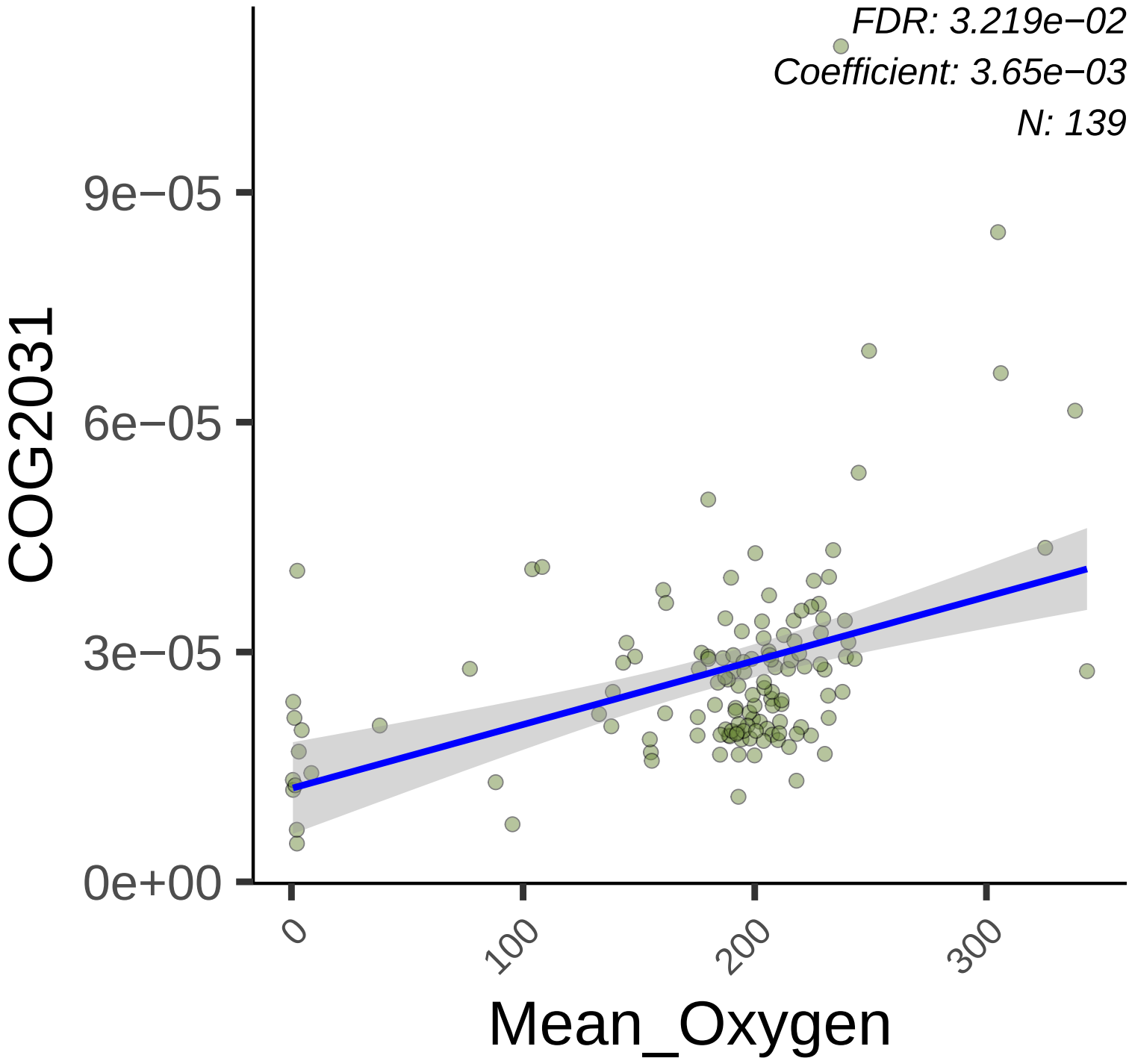
Mean_Oxygen


FDR: 3.219e−02
Coefficient: 3.65e−03
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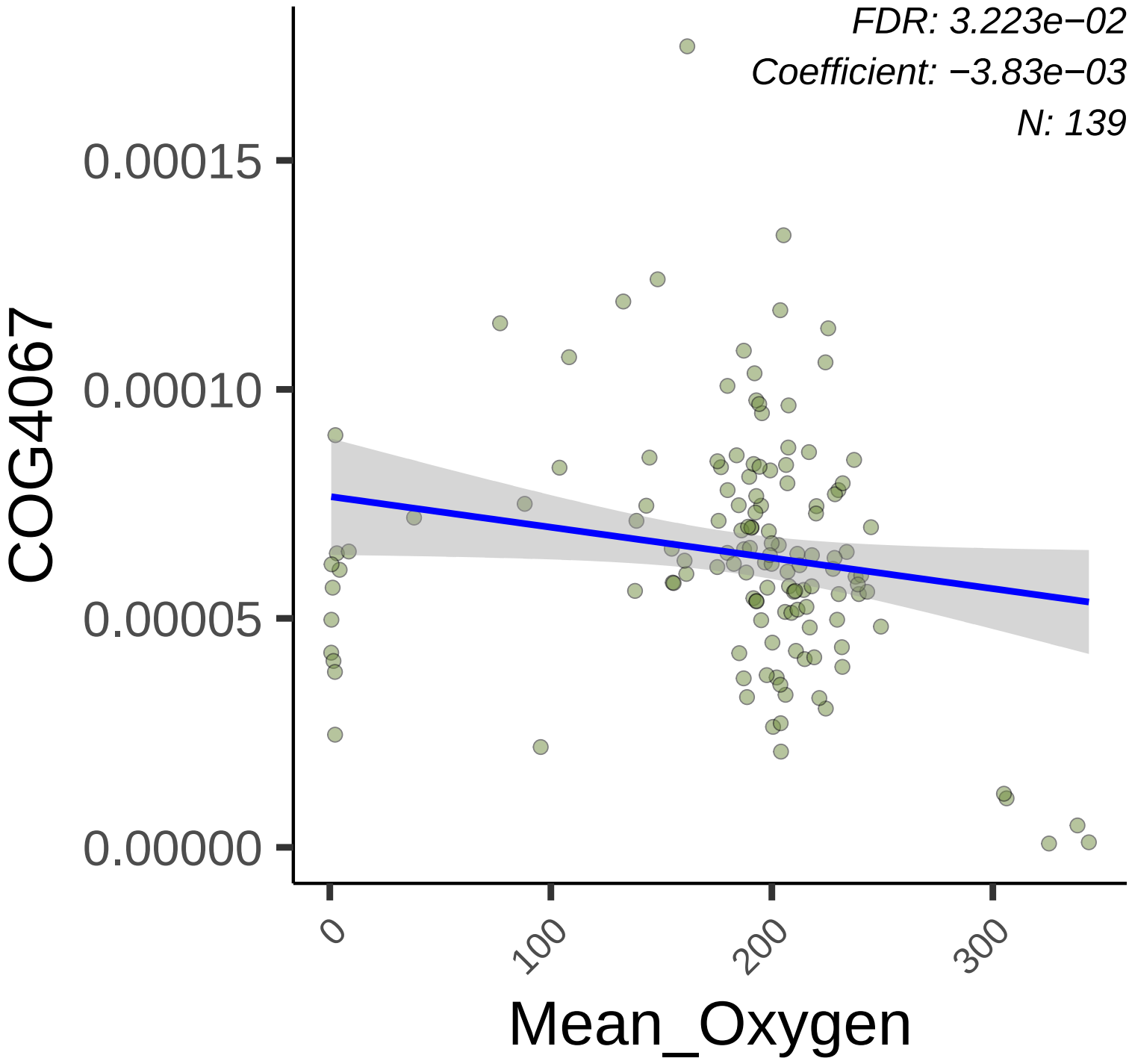
Mean_Oxygen


FDR: 3.223e−02
Coefficient: −3.83e−03
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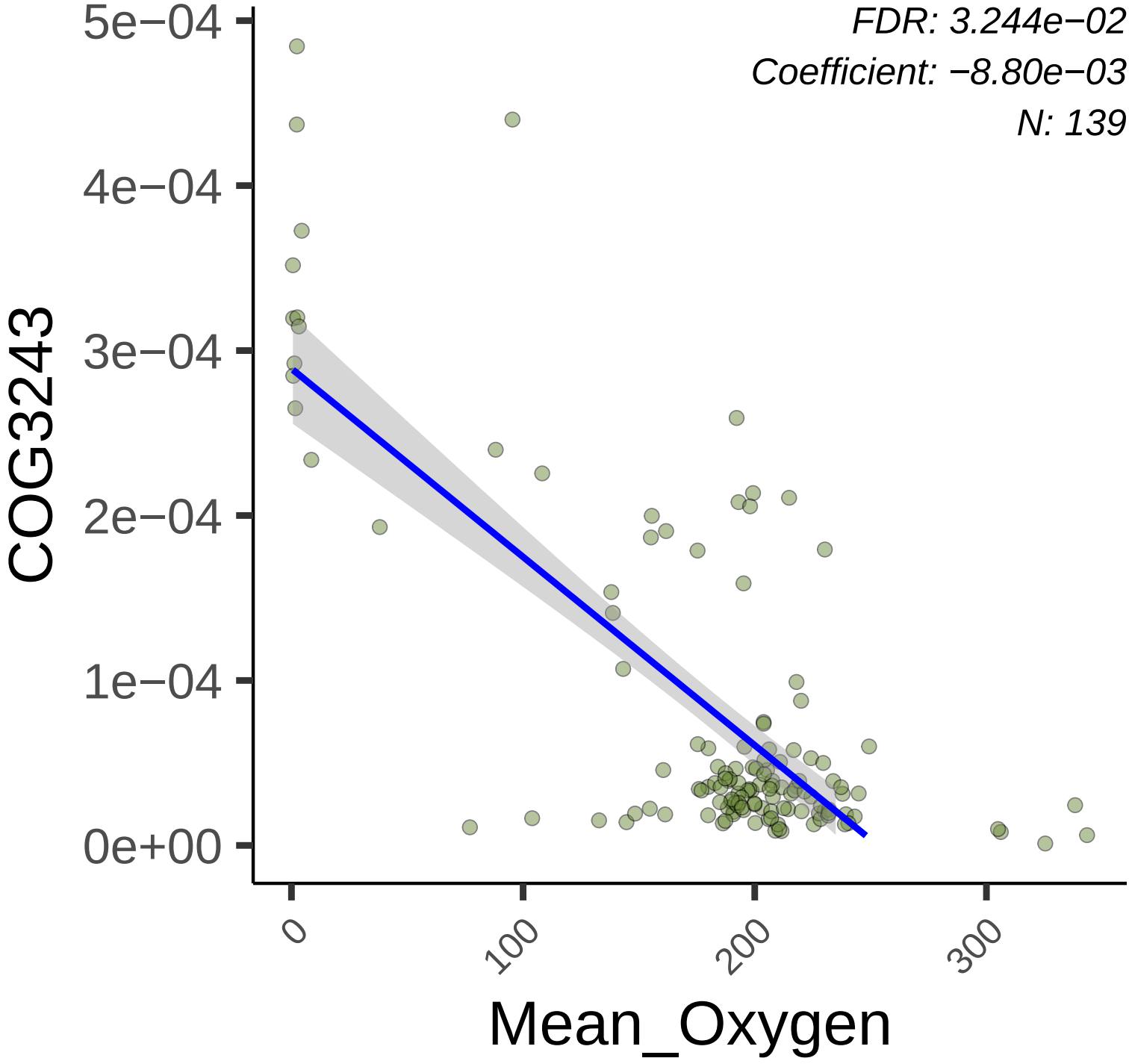
Mean_Oxygen


FDR: 3.244e−02
Coefficient: −8.80e−03
N: 139
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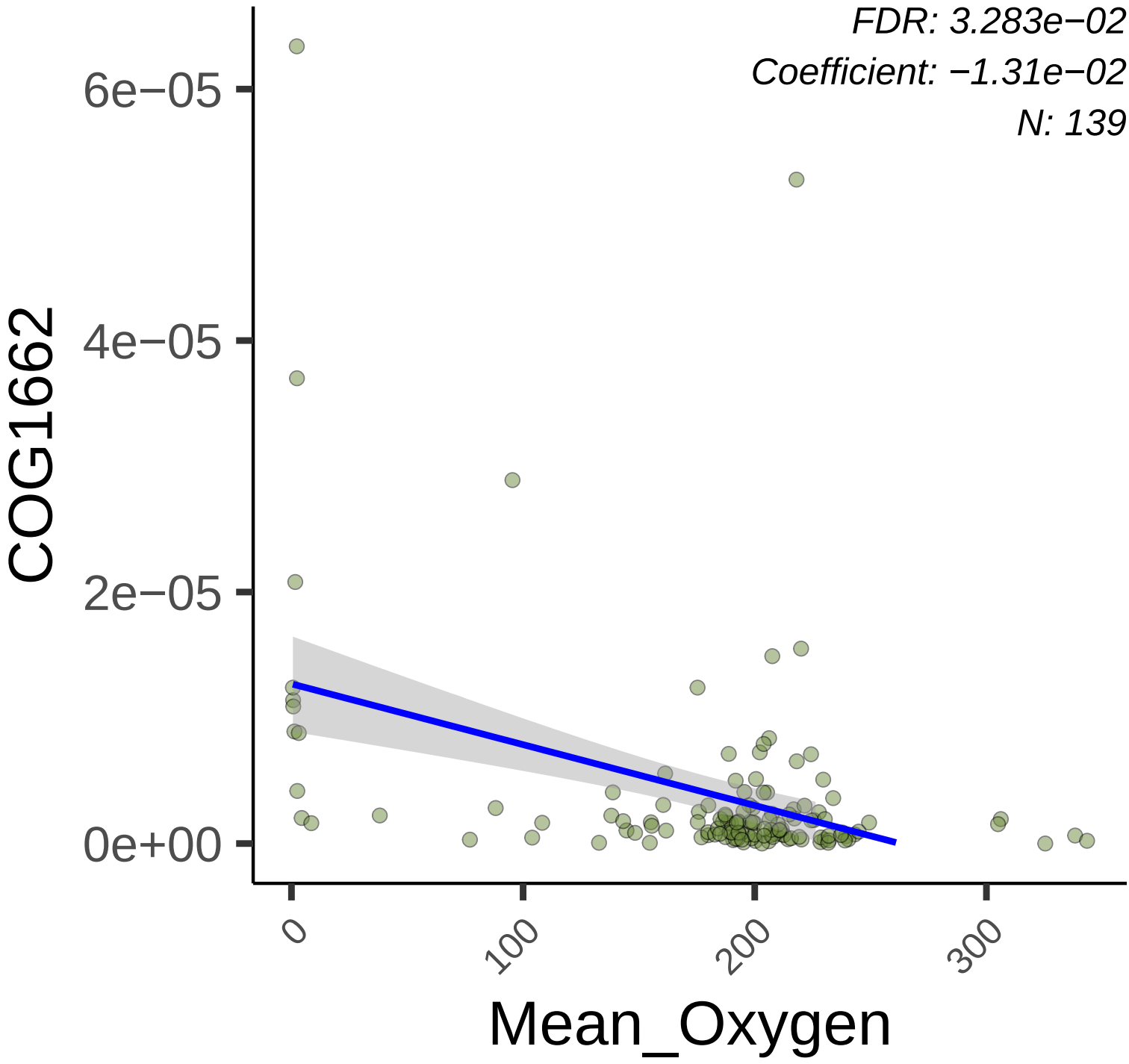
Mean_Oxygen


FDR: 3.283e−02
Coefficient: −1.31e−02
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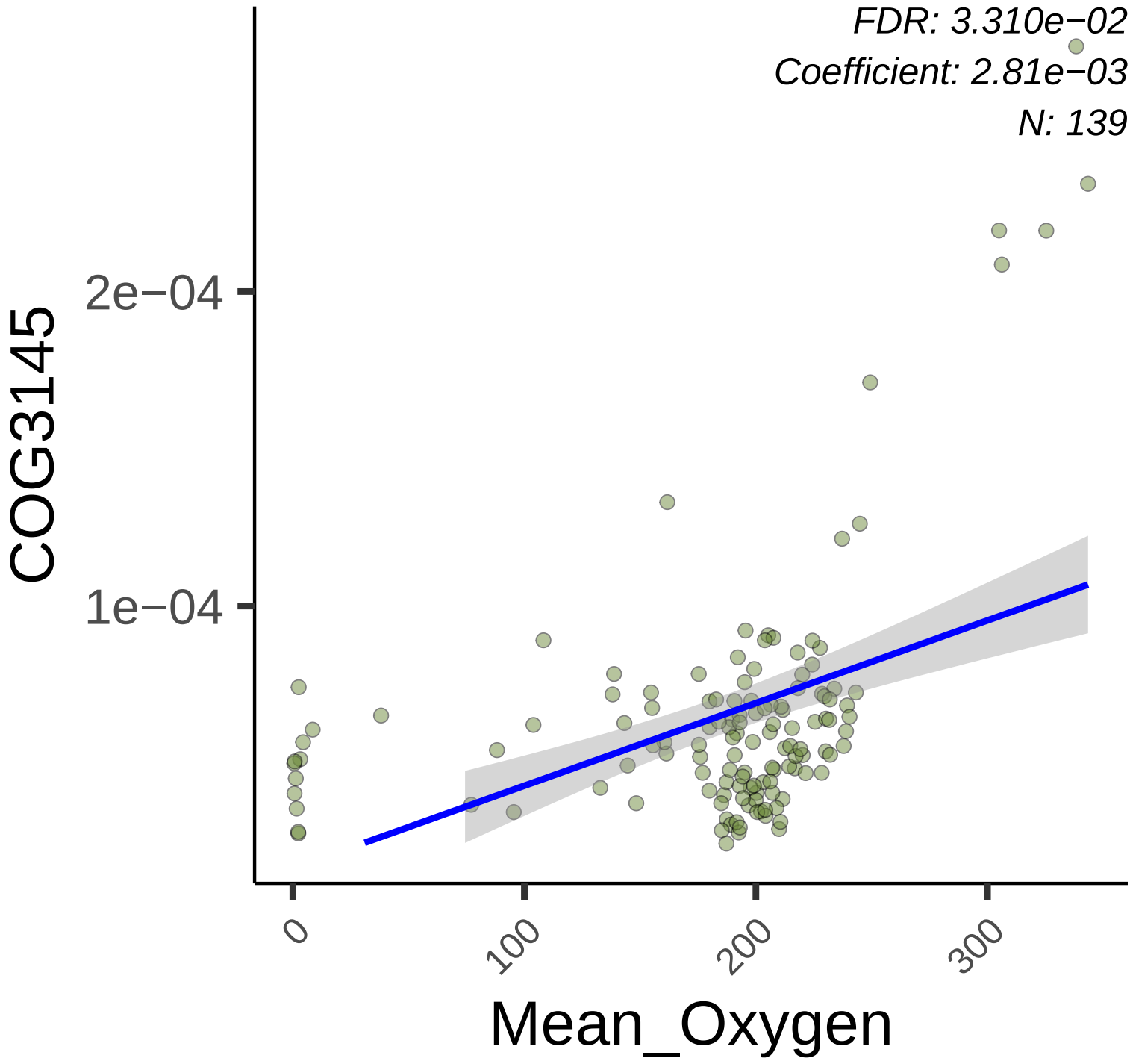
Mean_Oxygen


FDR: 3.310e−02
Coefficient: 2.81e−03
N: 139
COG3145
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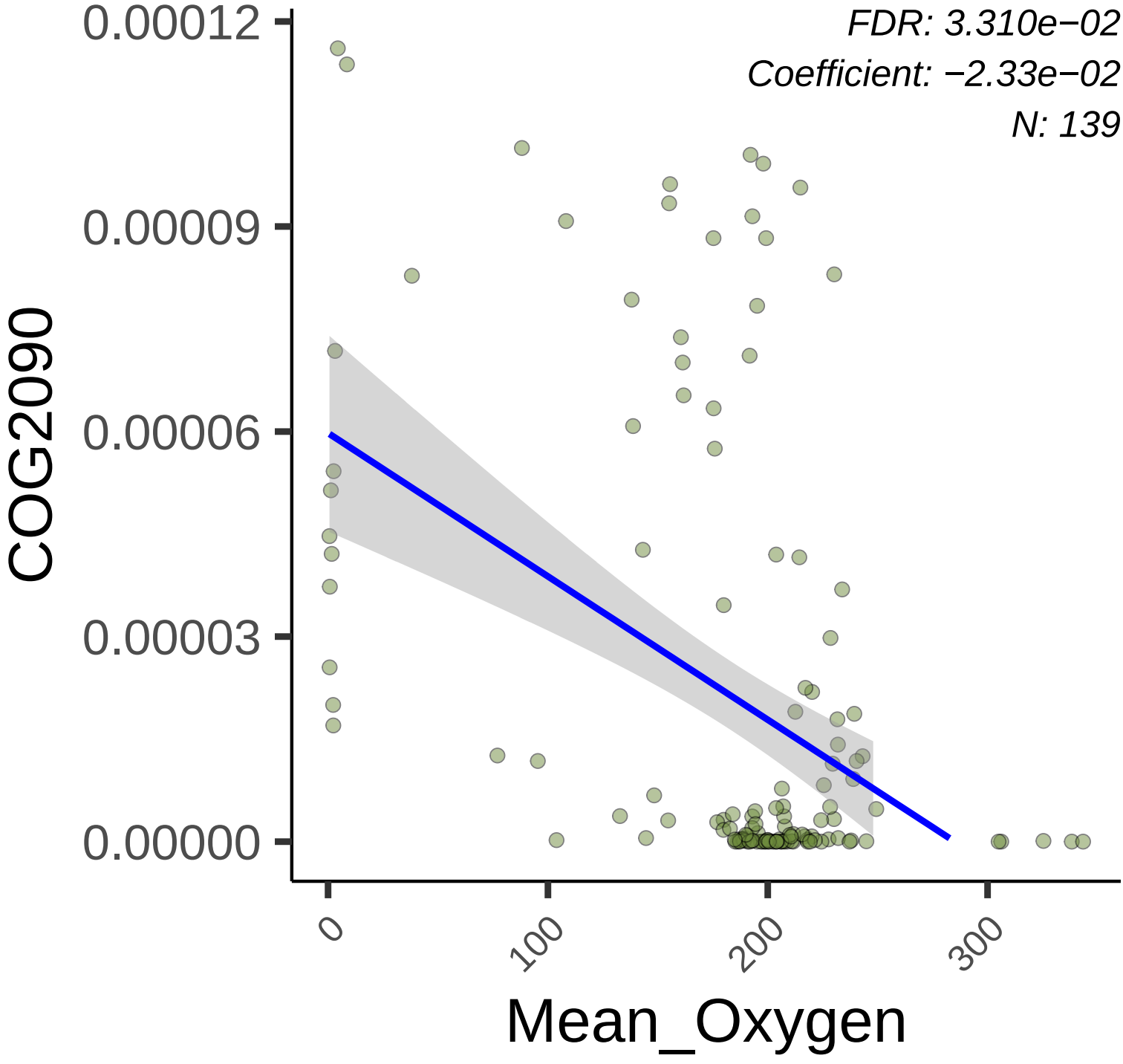
Mean_Oxygen


FDR: 3.310e−02
Coefficient: −2.33e−02
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COG2090
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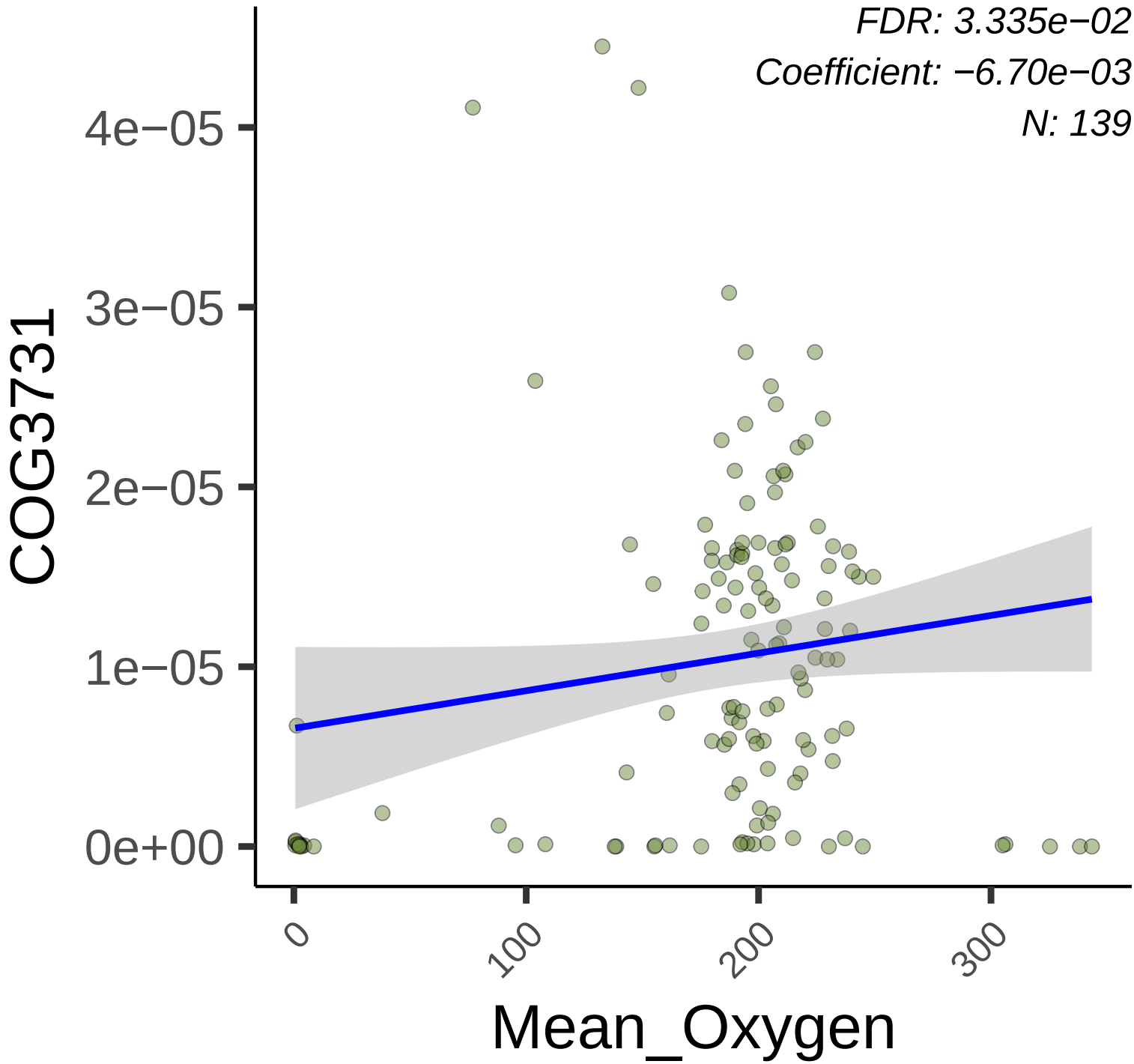
Mean_Oxygen


FDR: 3.335e−02
Coefficient: −6.70e−03
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2e−05
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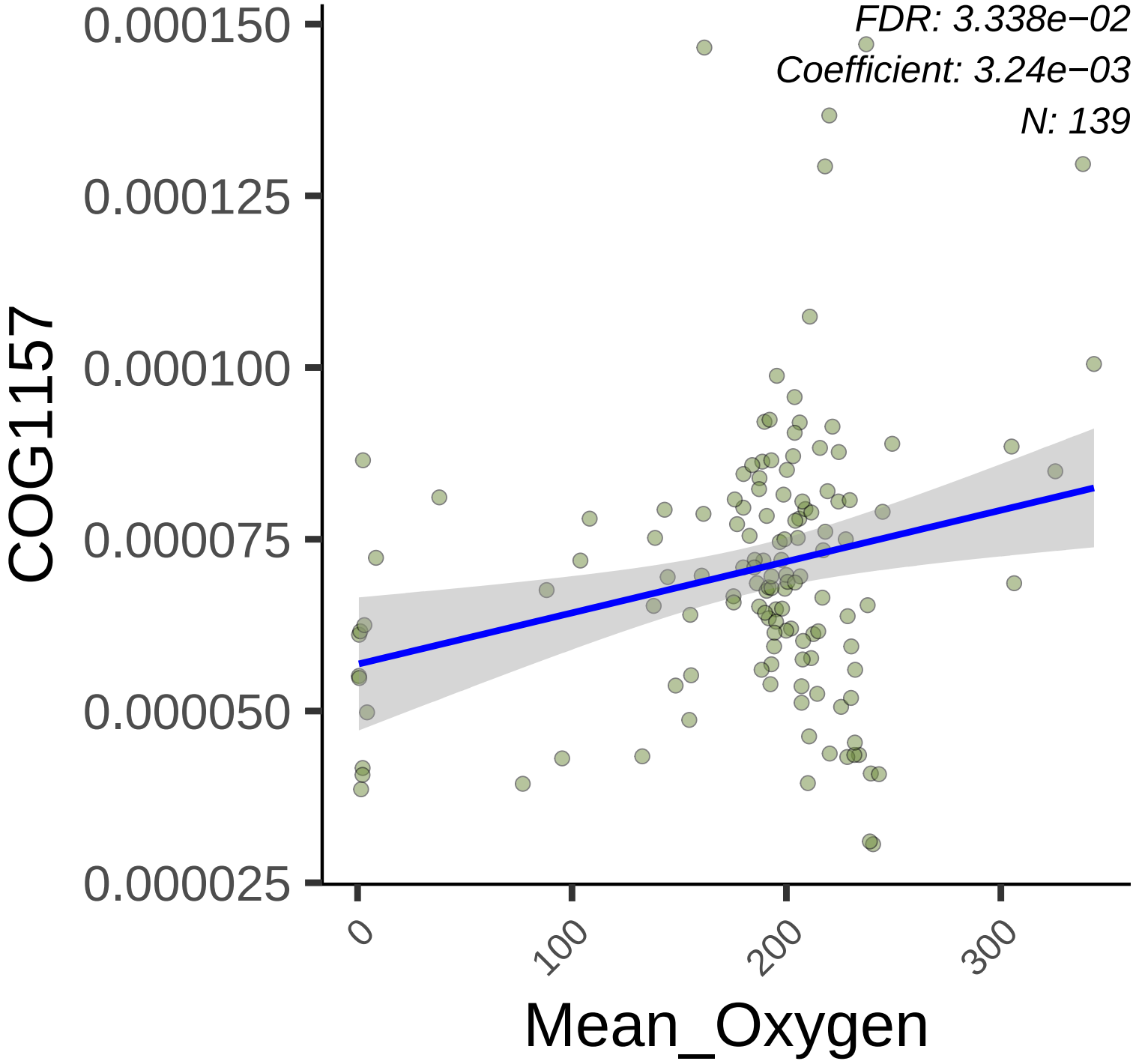
300
Mean_Oxygen


FDR: 3.338e−02
Coefficient: 3.24e−03
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COG1157
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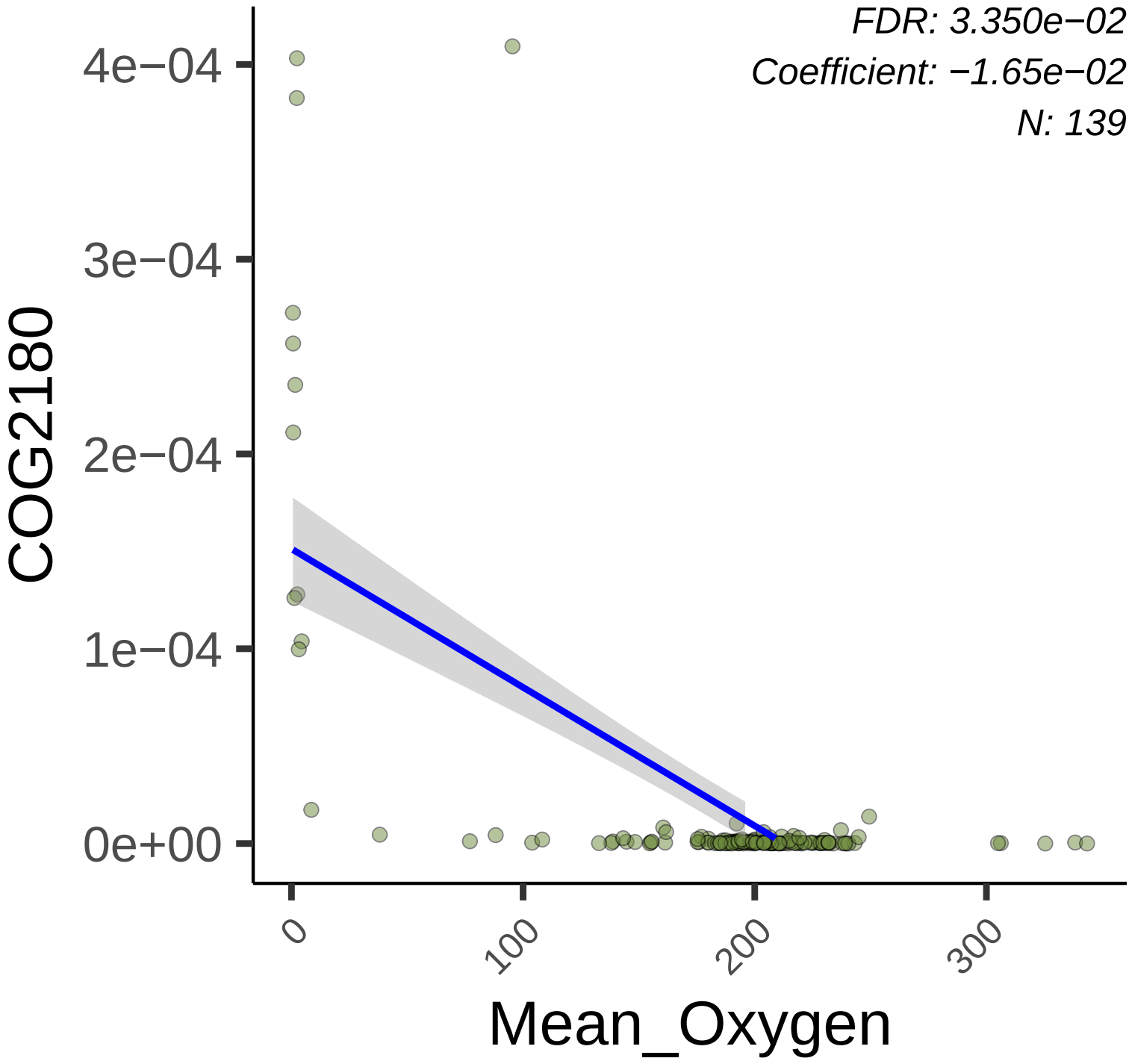
200
300
Mean_Oxygen


FDR: 3.350e−02
Coefficient: −1.65e−02
N: 139
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2e−04
1e−04
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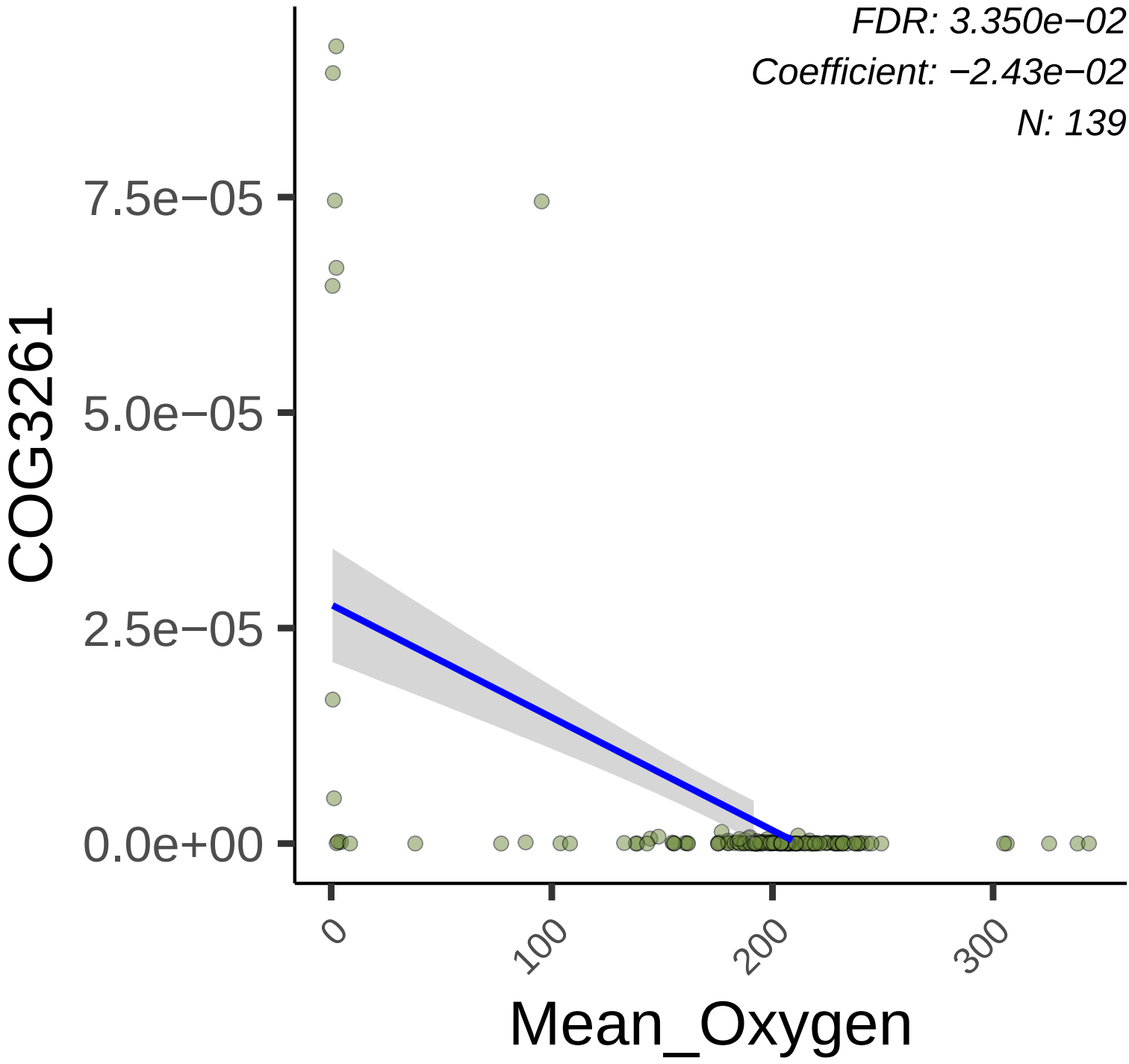
200
300
Mean_Oxygen


FDR: 3.350e−02
Coefficient: −2.43e−02
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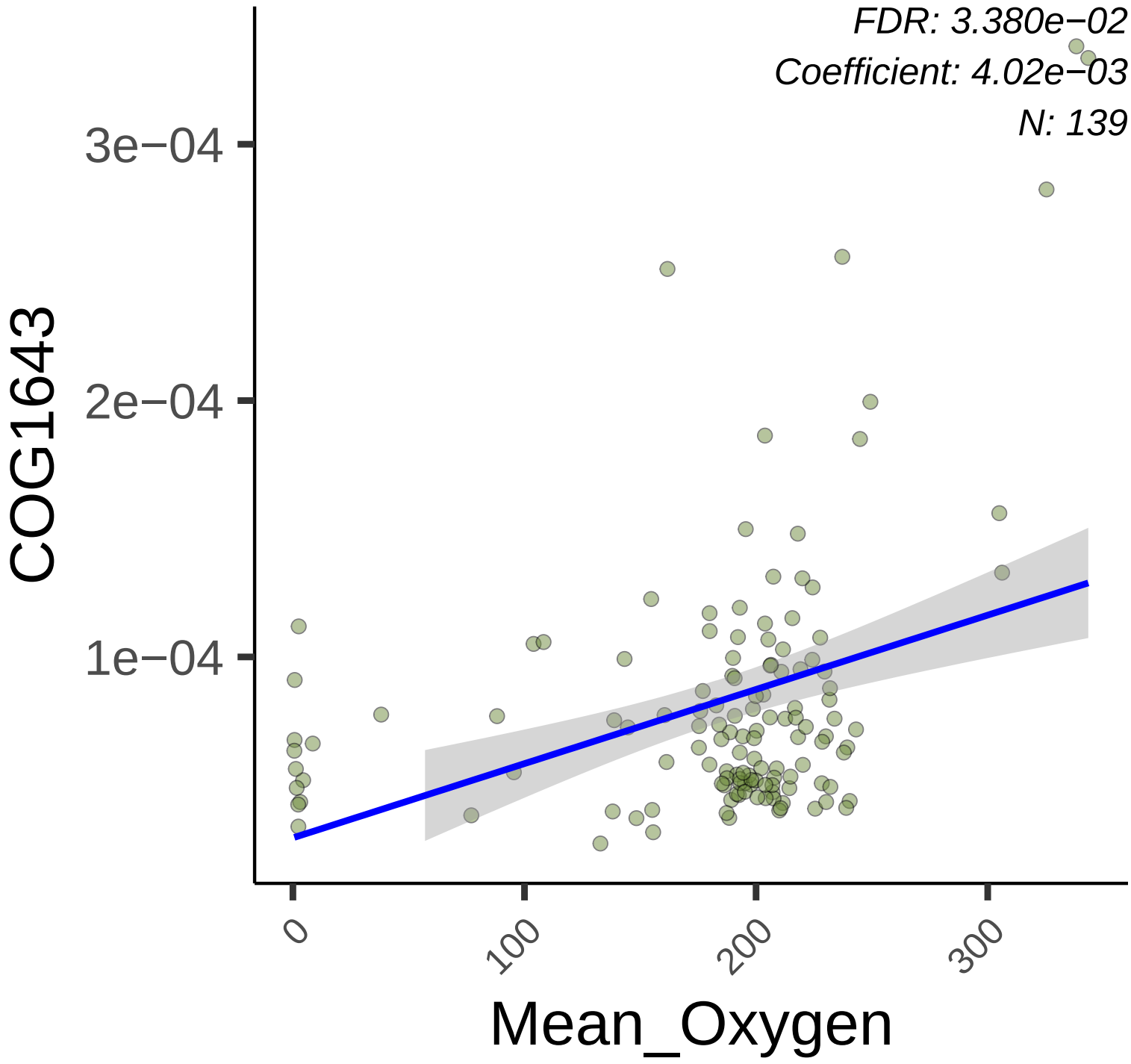
Mean_Oxygen


FDR: 3.380e−02
Coefficient: 4.02e−03
N: 139
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1e−04
COG1643
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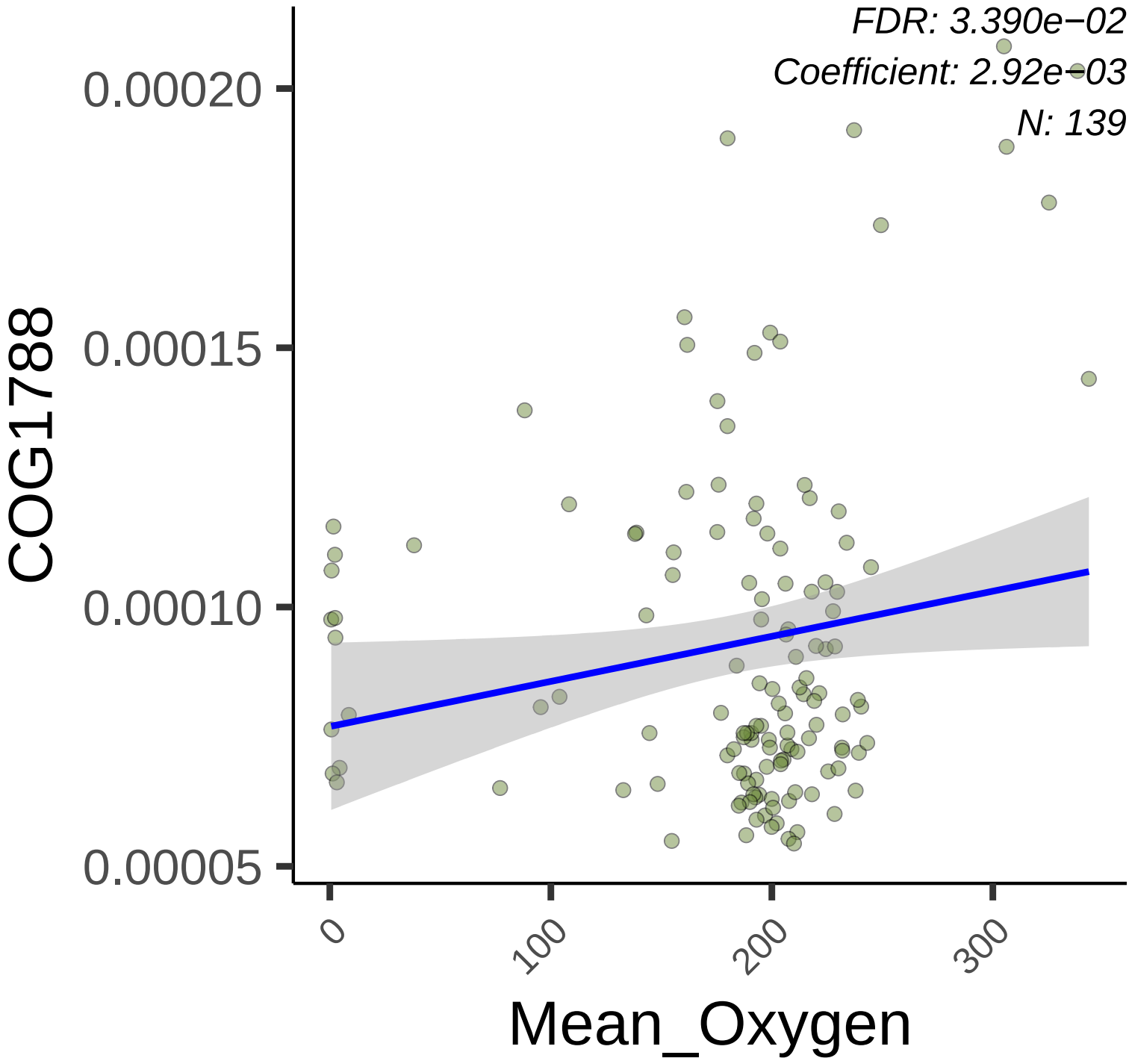
200
300
Mean_Oxygen


FDR: 3.390e−02
Coefficient: 2.92e−03
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COG1788
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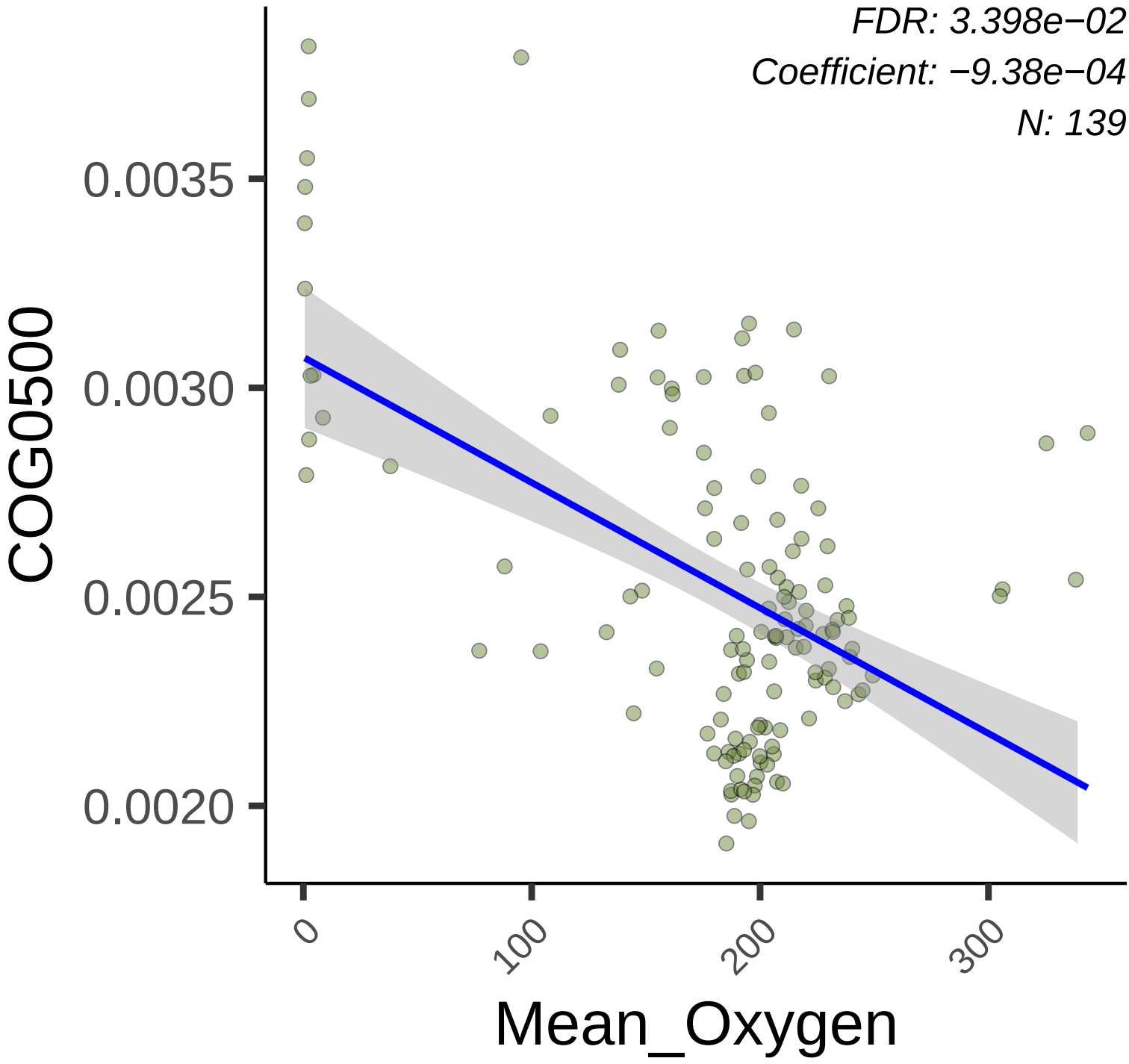
Mean_Oxygen


FDR: 3.398e−02
Coefficient: −9.38e−04
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COG0500
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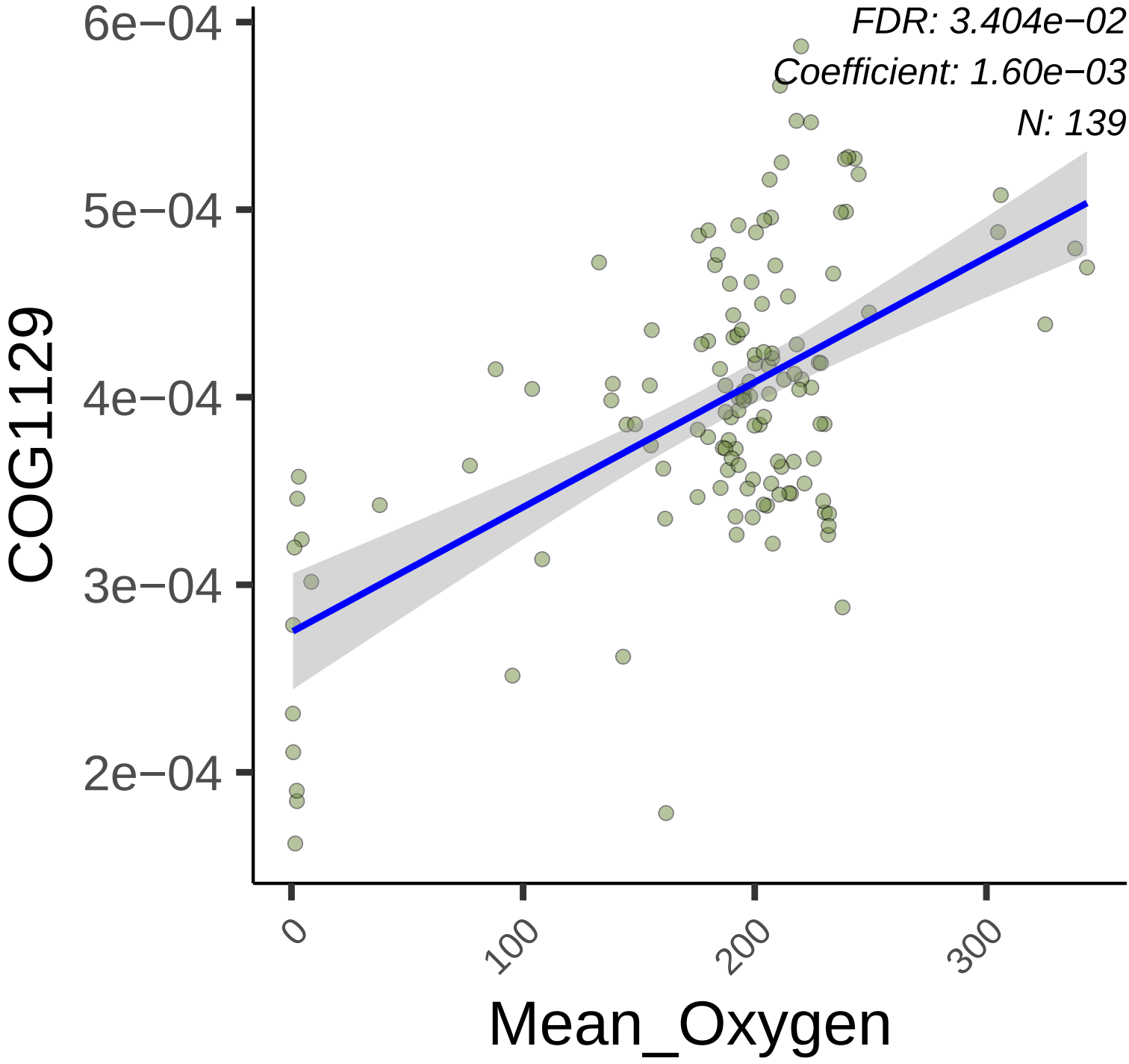
200
300
Mean_Oxygen


FDR: 3.404e−02
Coefficient: 1.60e−03
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COG1129
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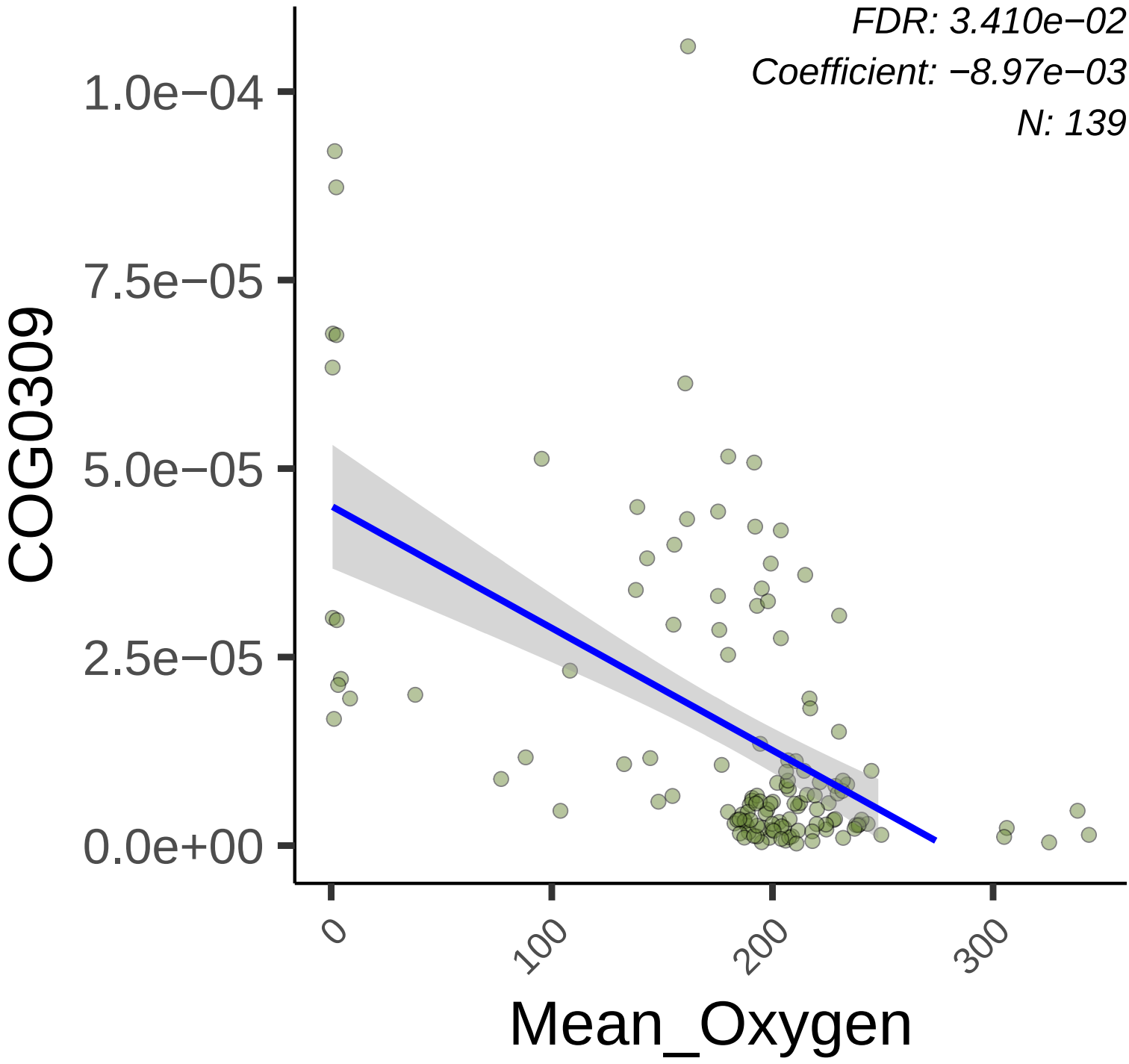
200
300
Mean_Oxygen


FDR: 3.410e−02
Coefficient: −8.97e−03
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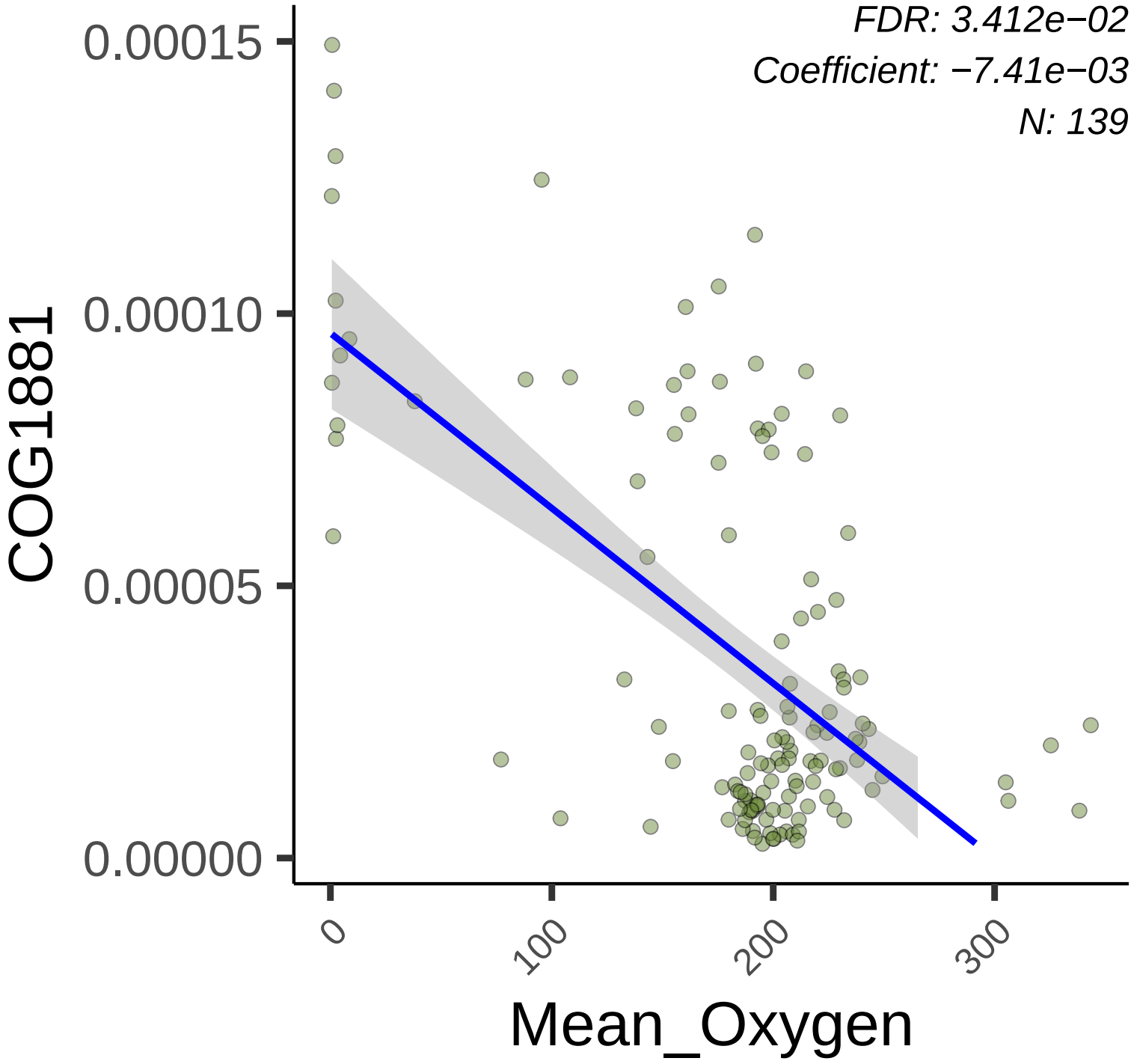
200
300
Mean_Oxygen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Coefficient: −7.41e−03
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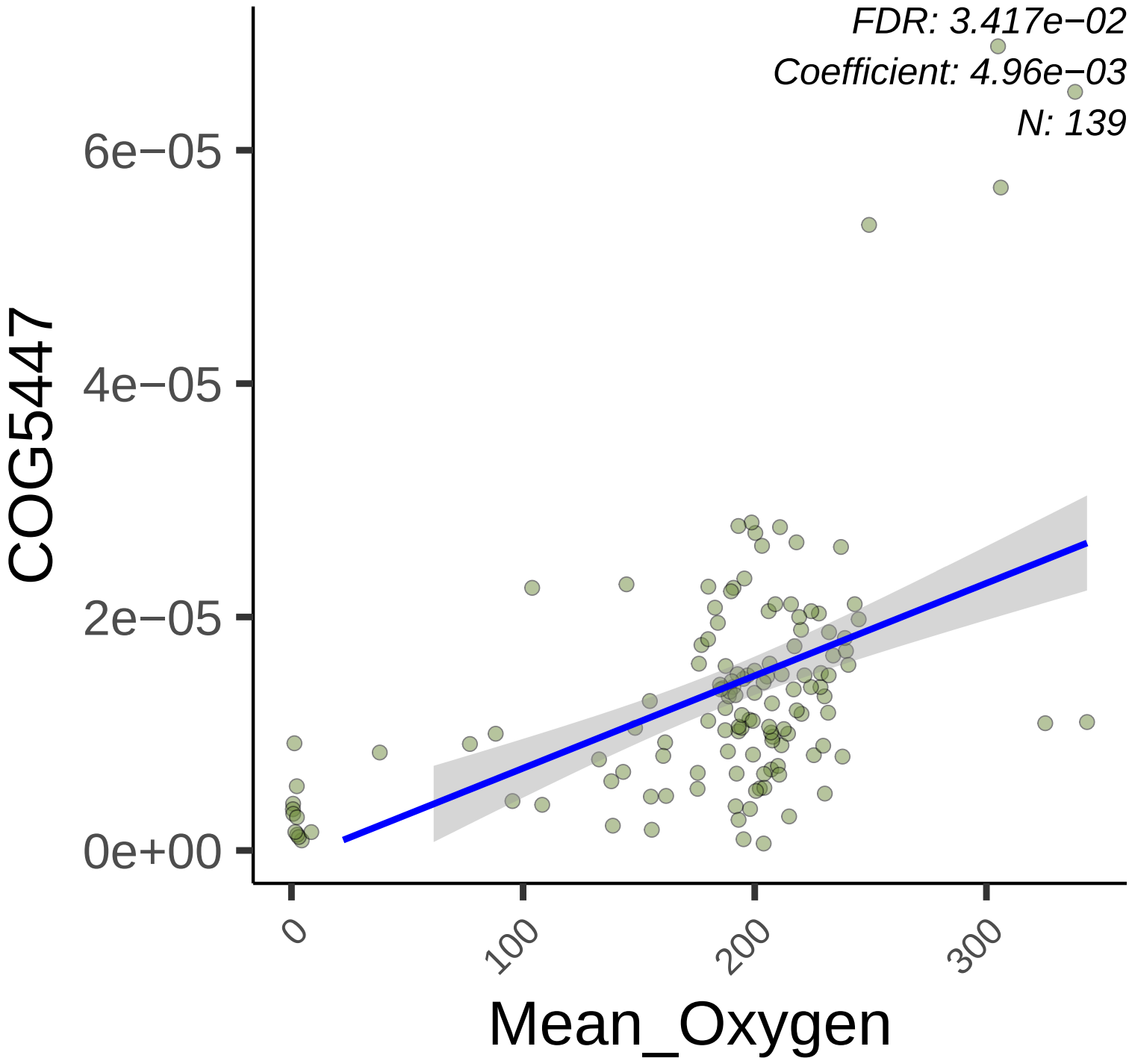
300
Mean_Oxygen


FDR: 3.417e−02
Coefficient: 4.96e−03
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200
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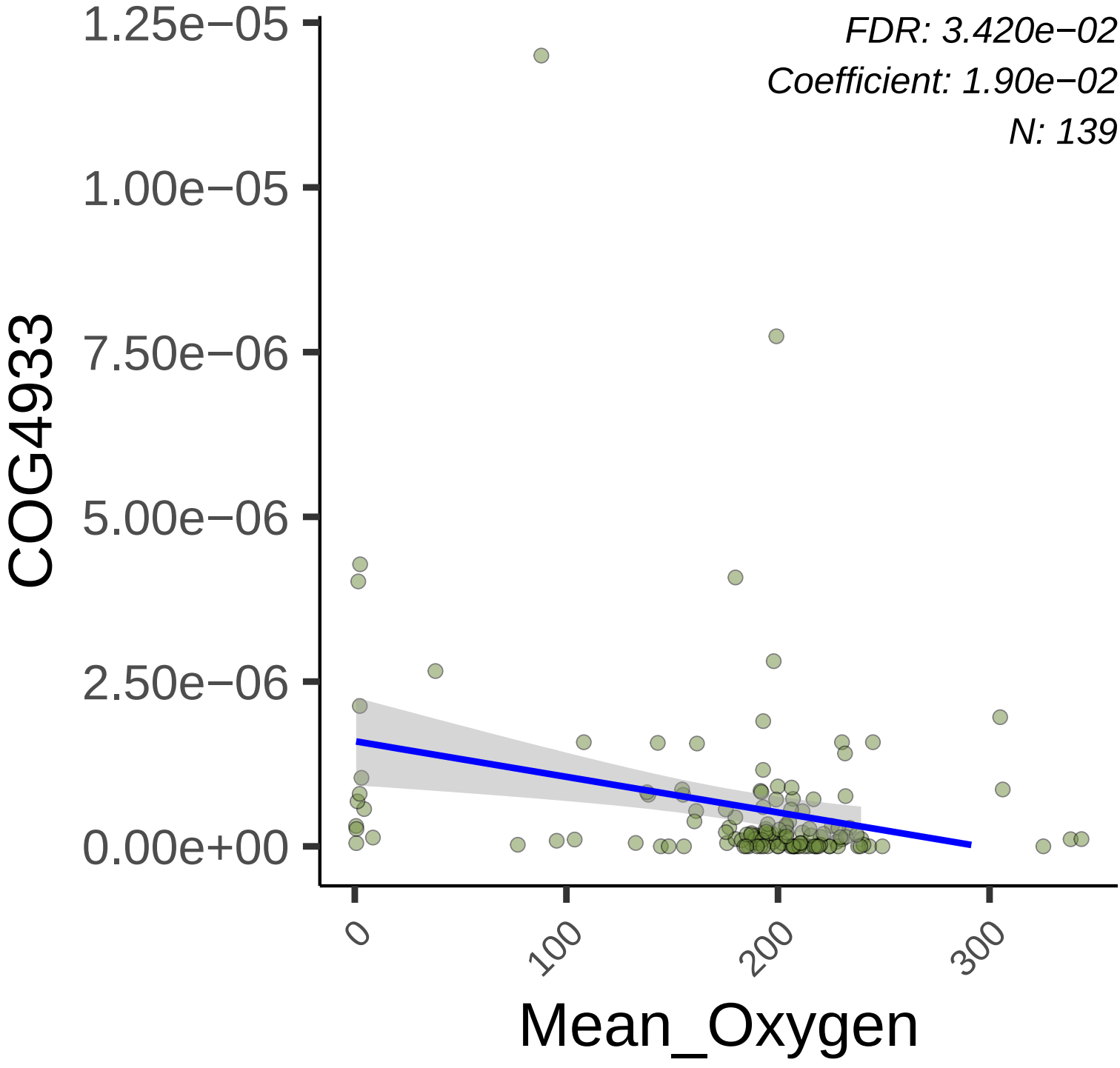
Mean_Oxygen


FDR: 3.420e−02
Coefficient: 1.90e−02
N: 139
COG4933
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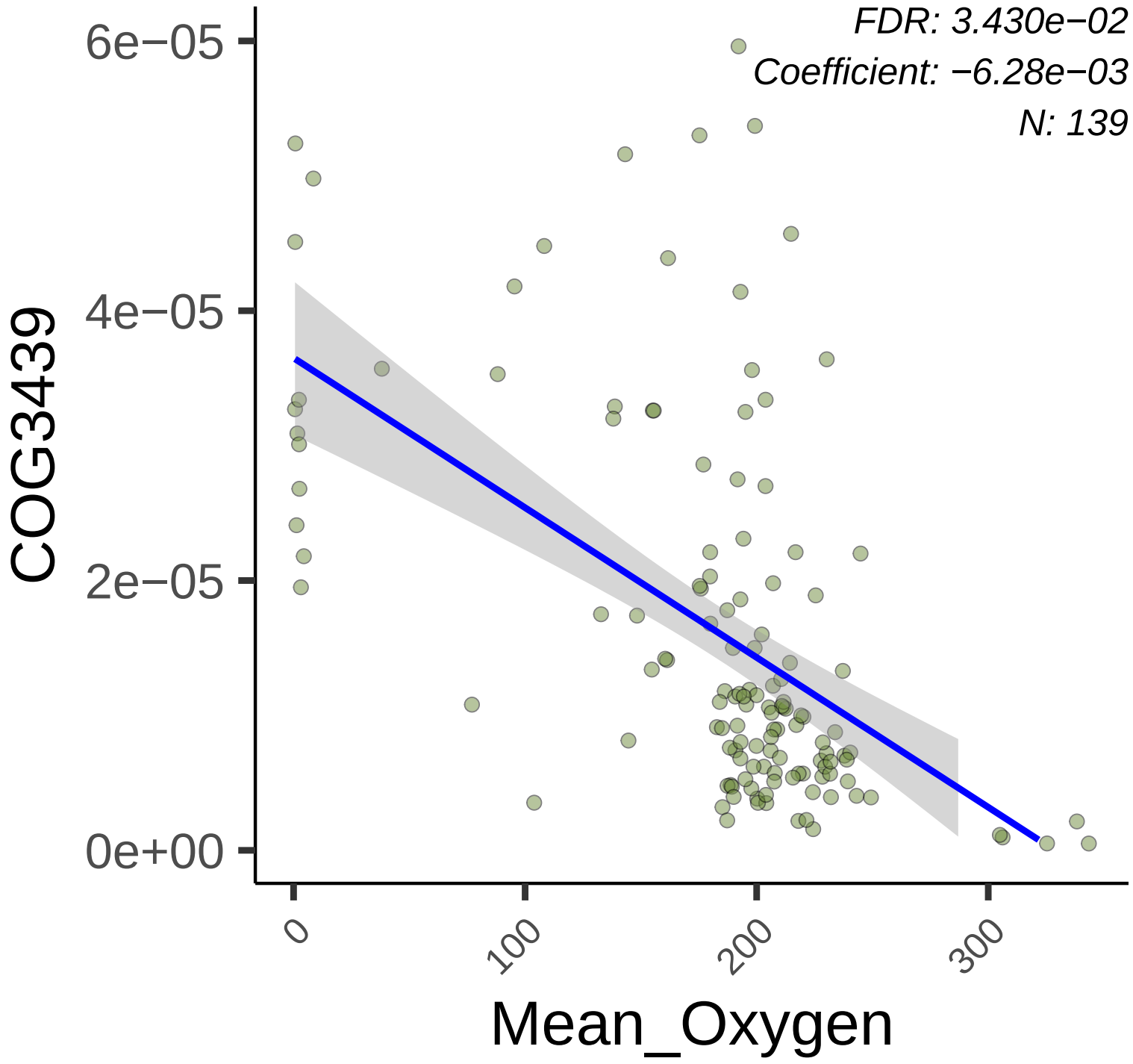
300
Mean_Oxygen


FDR: 3.430e−02
Coefficient: −6.28e−03
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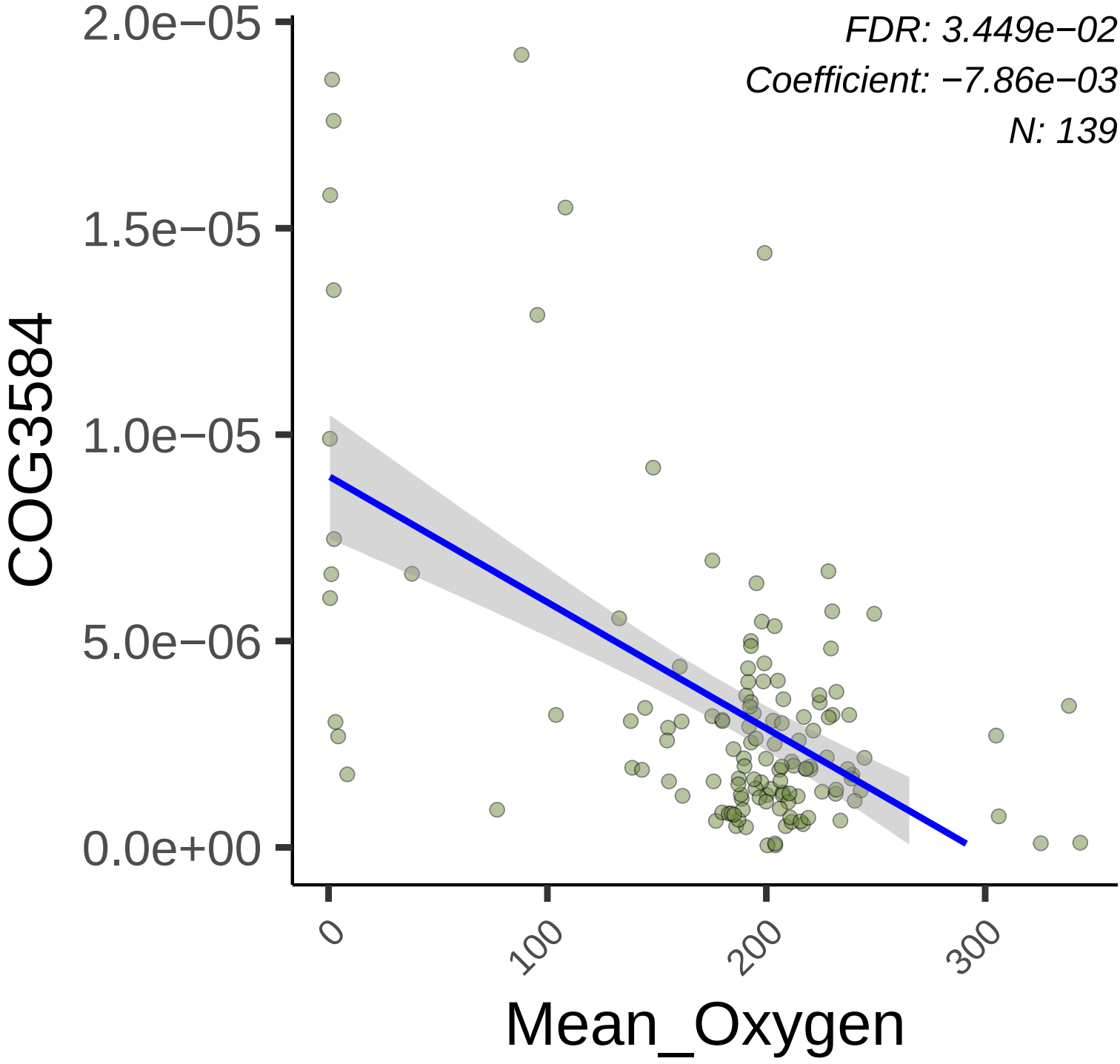
200
300
Mean_Oxygen


FDR: 3.449e−02
Coefficient: −7.86e−03
N: 139
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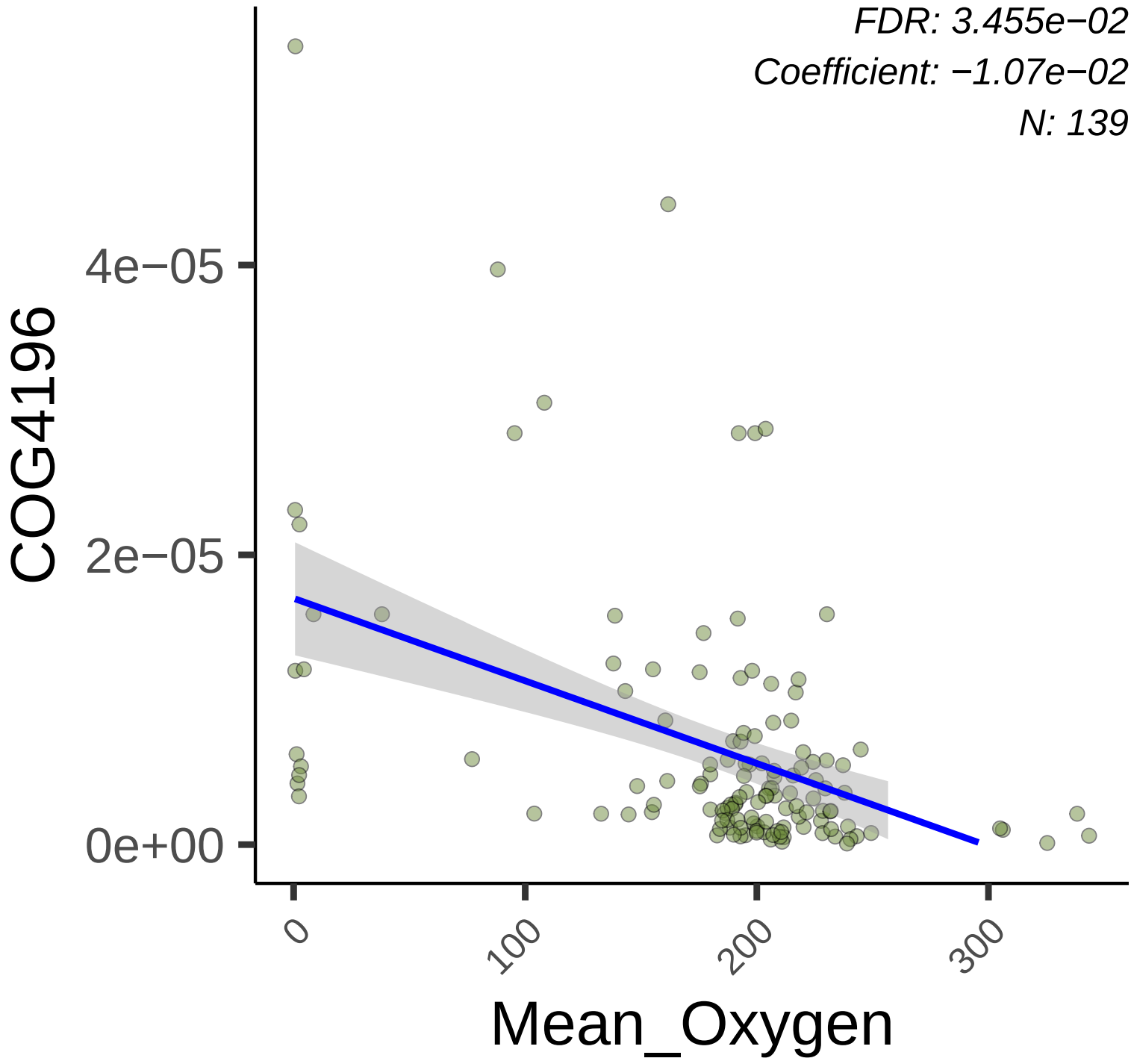
200
300
Mean_Oxygen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Coefficient: −1.07e−02
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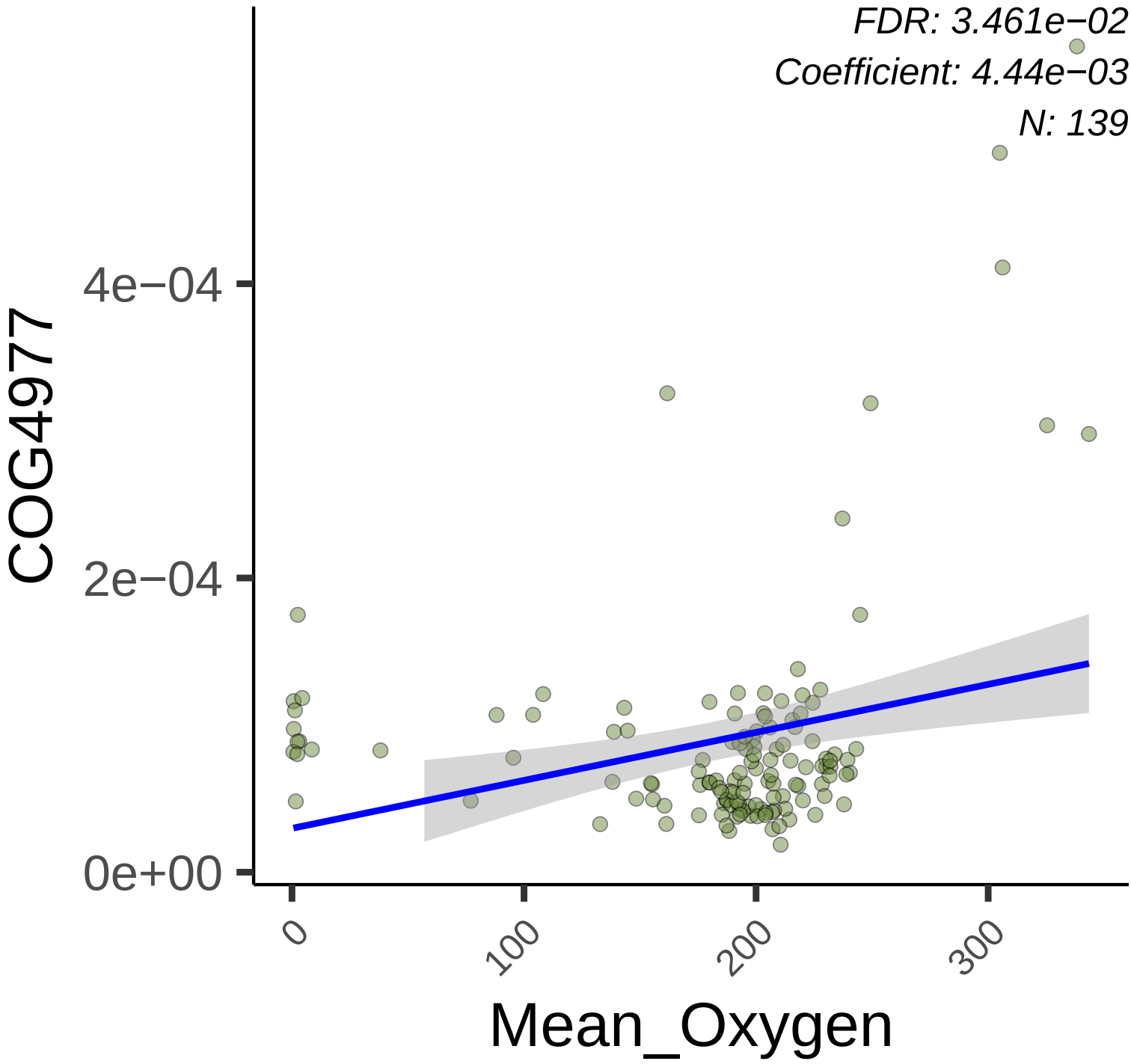
300
Mean_Oxygen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Coefficient: 4.44e−03
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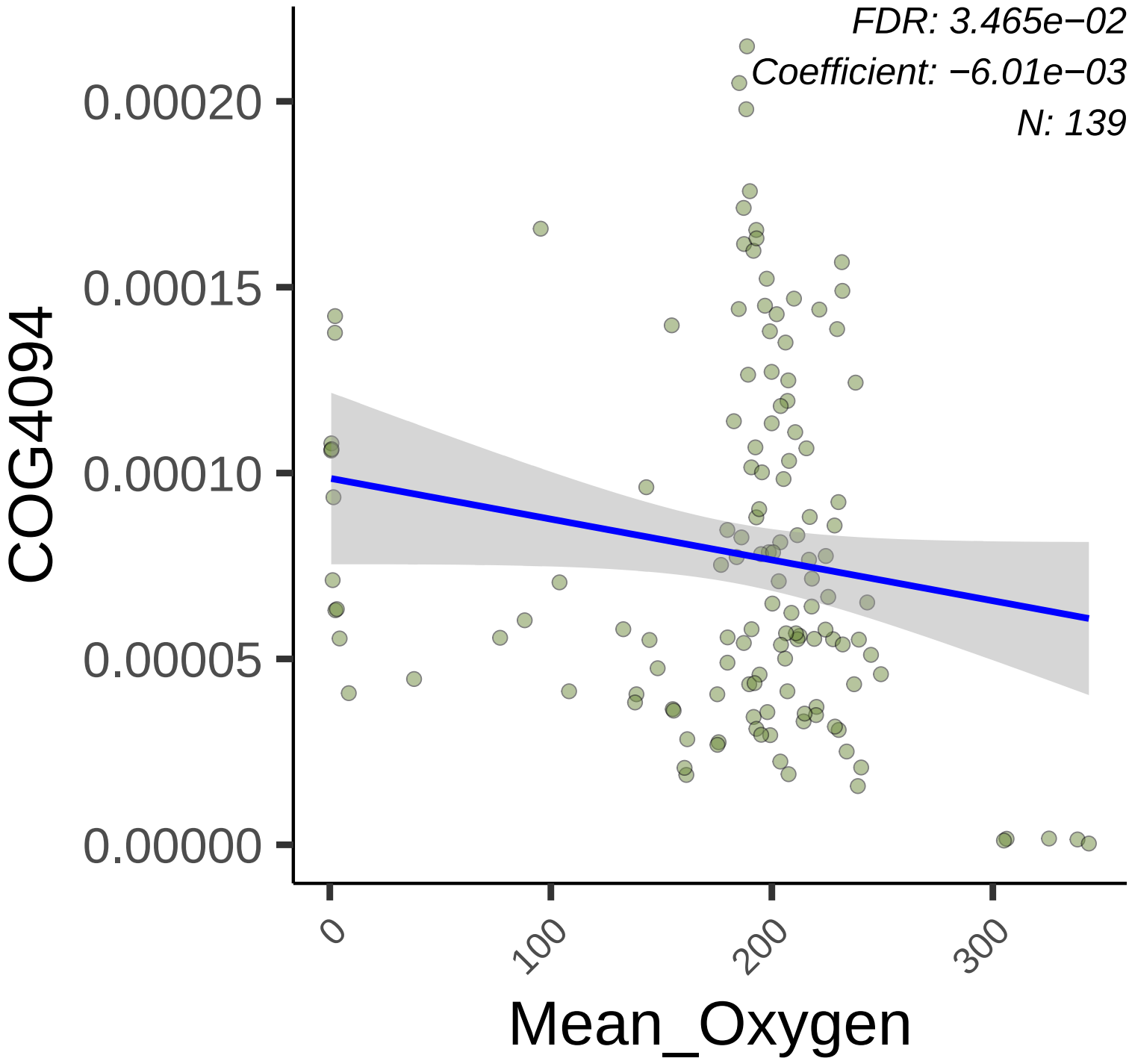
300
Mean_Oxygen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Coefficient: −6.01e−03
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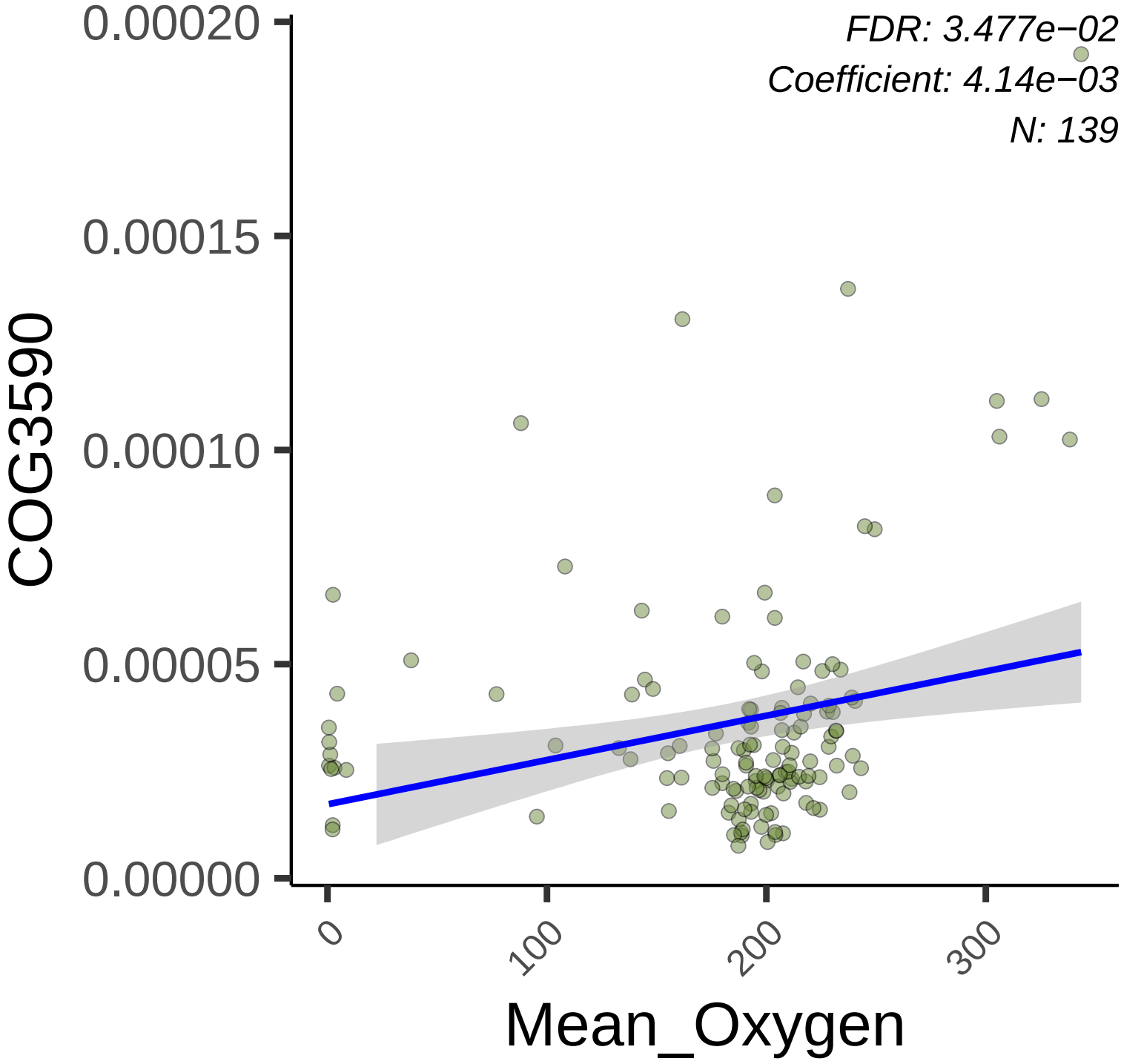
300
Mean_Oxygen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Coefficient: 4.14e−03
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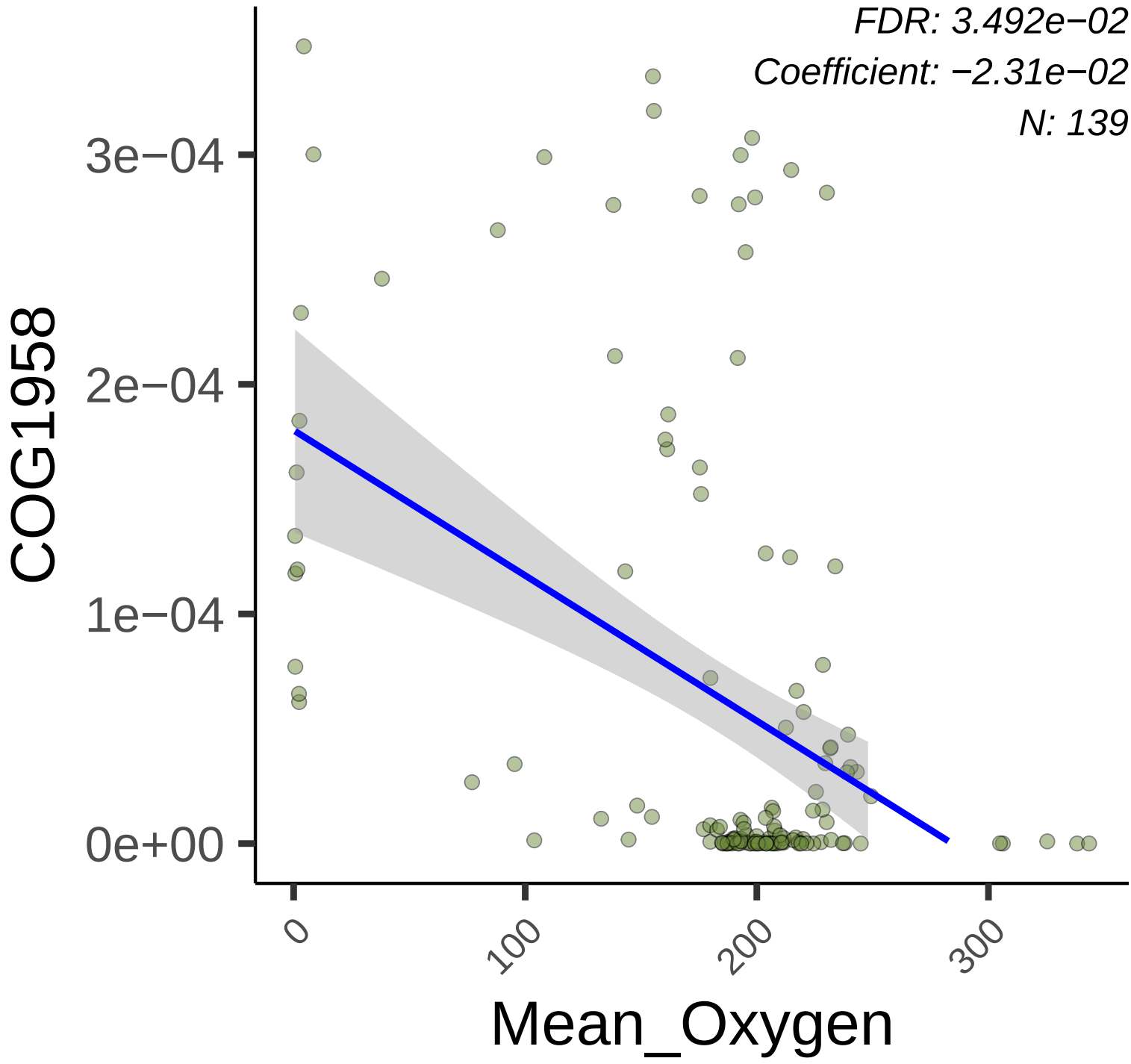
300
Mean_Oxygen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Coefficient: −2.31e−02
N: 139
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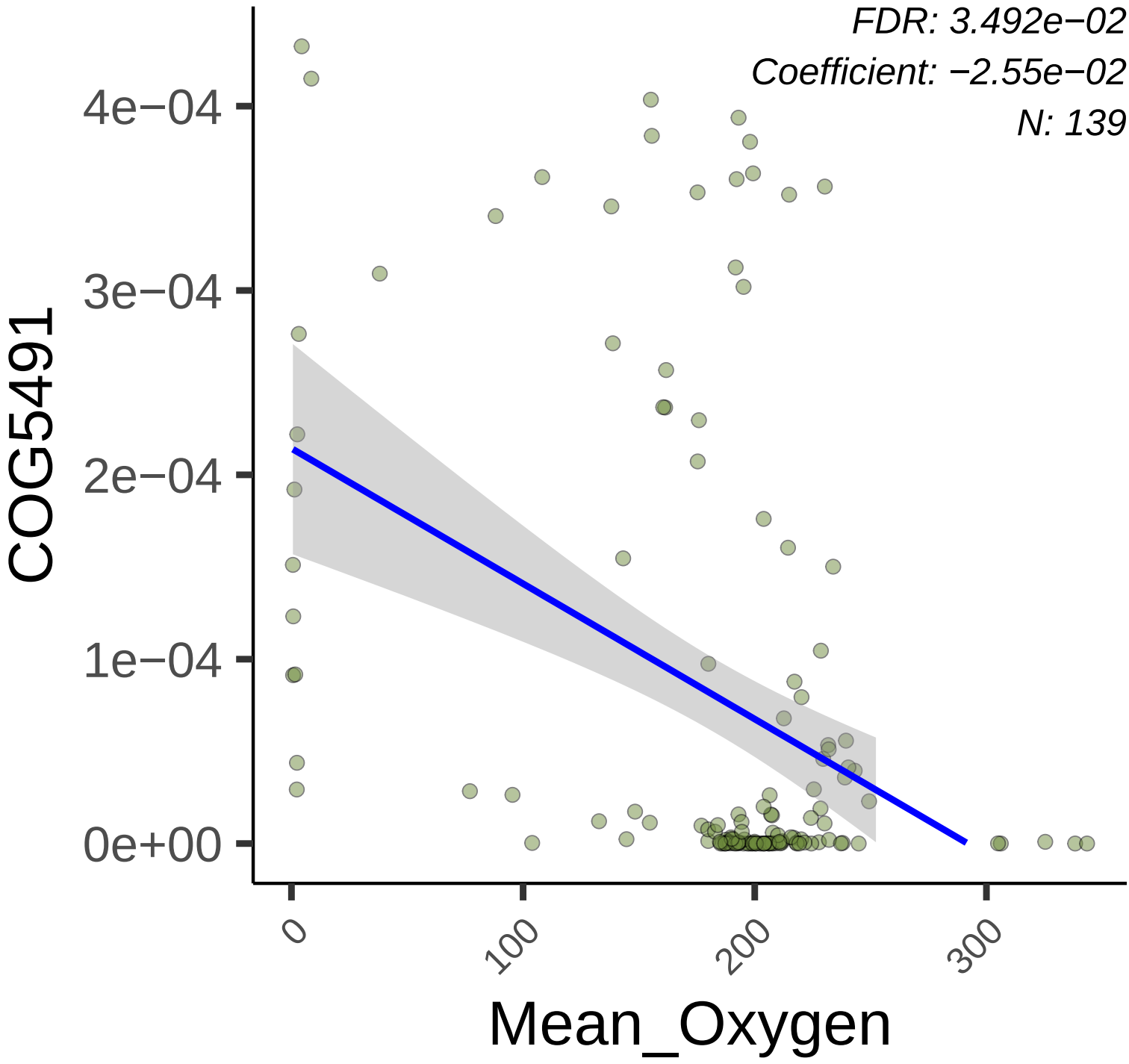
Mean_Oxygen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Coefficient: −2.55e−02
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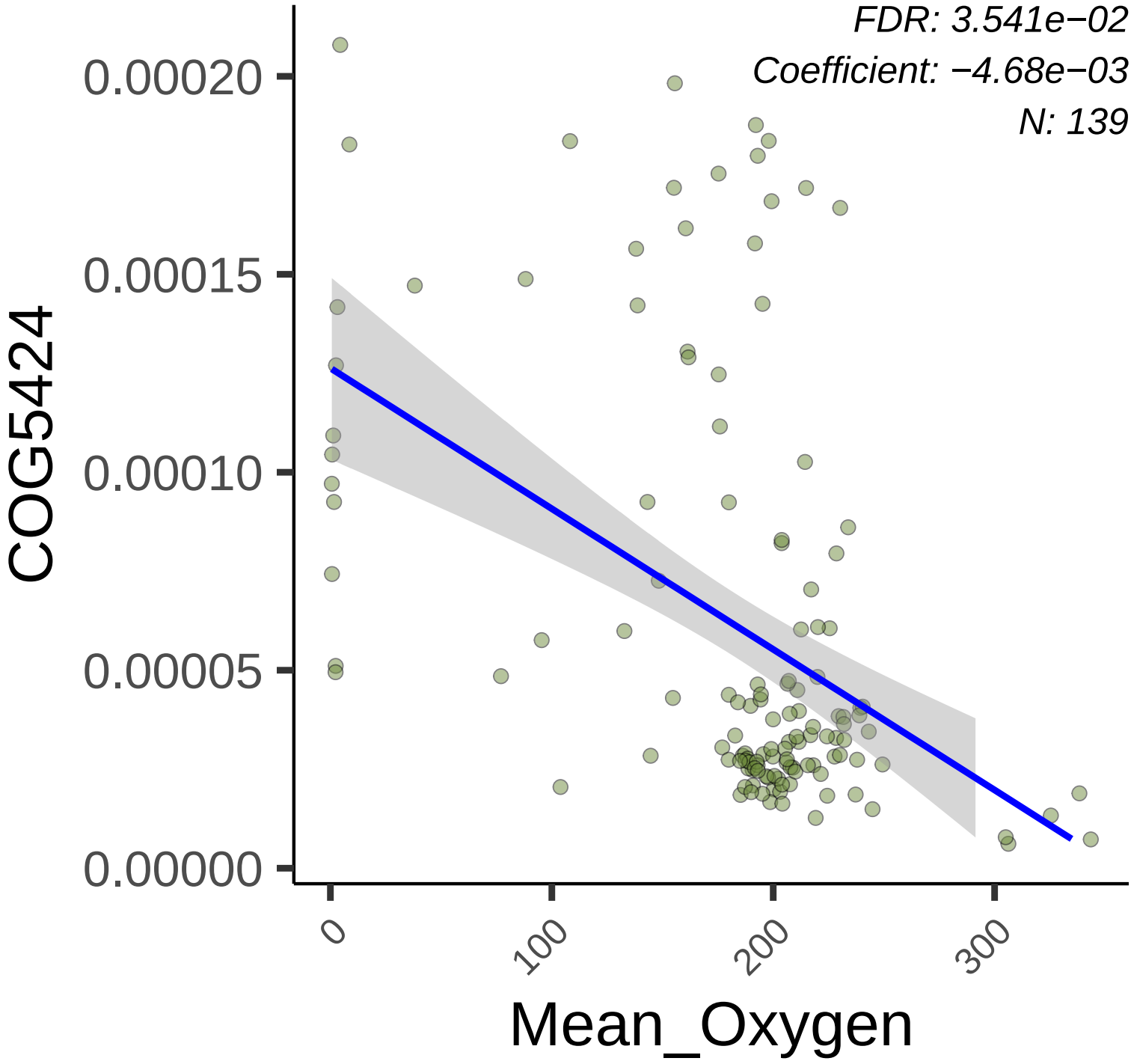
Mean_Oxygen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Coefficient: −4.68e−03
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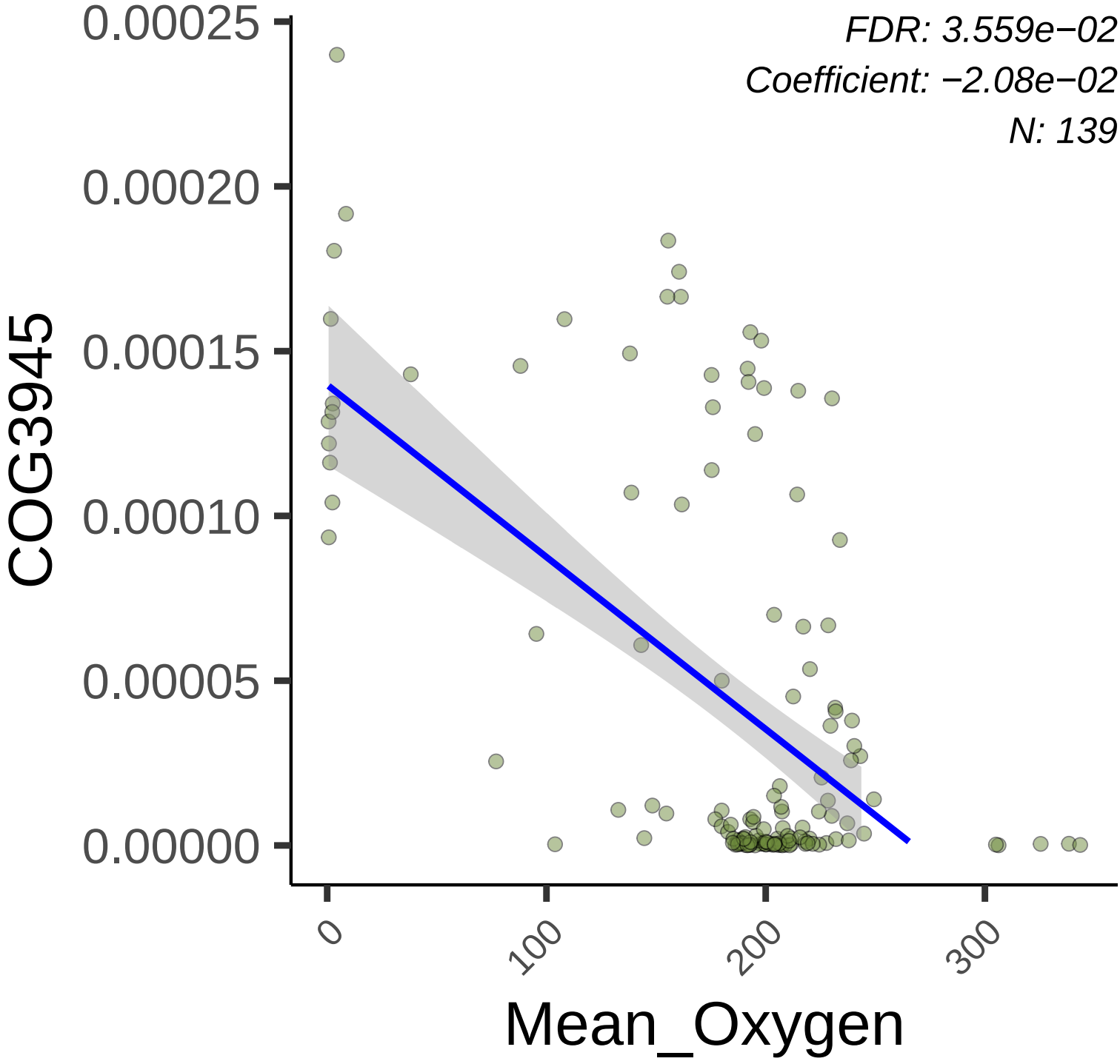
Mean_Oxygen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Coefficient: −2.08e−02
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200
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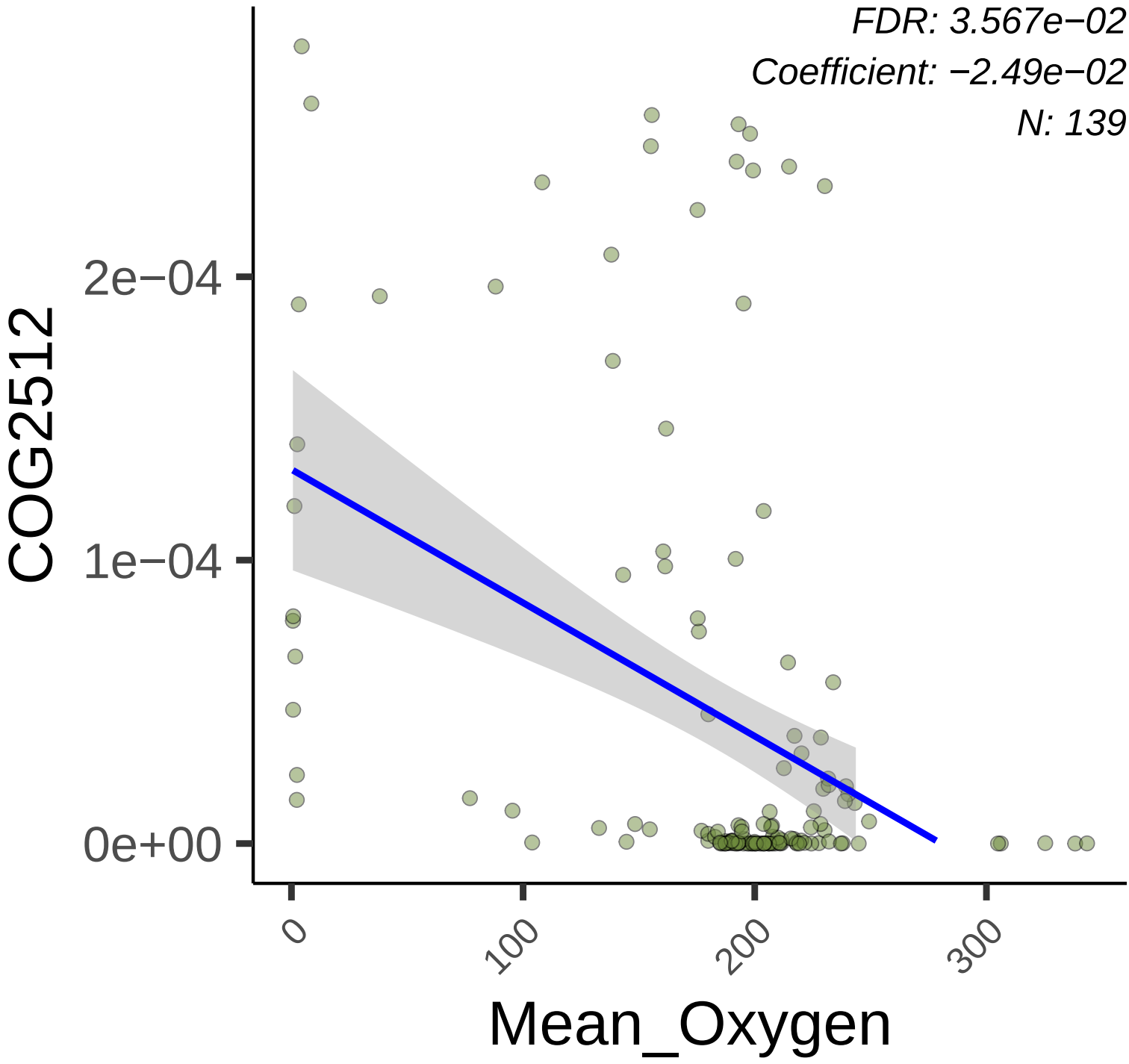
Mean_Oxygen


FDR: 3.567e−02
Coefficient: −2.49e−02
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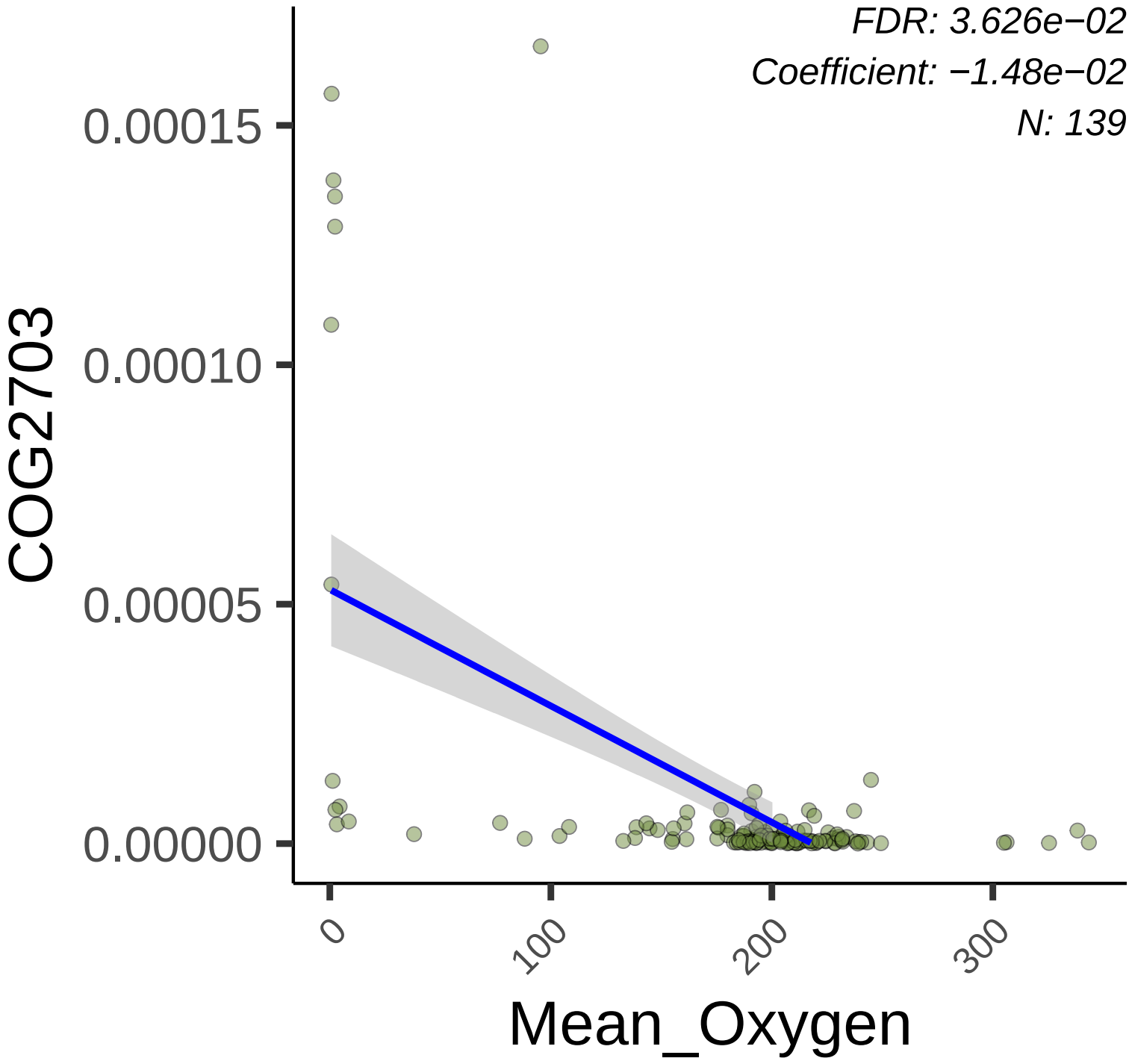
Mean_Oxygen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Coefficient: −1.48e−02
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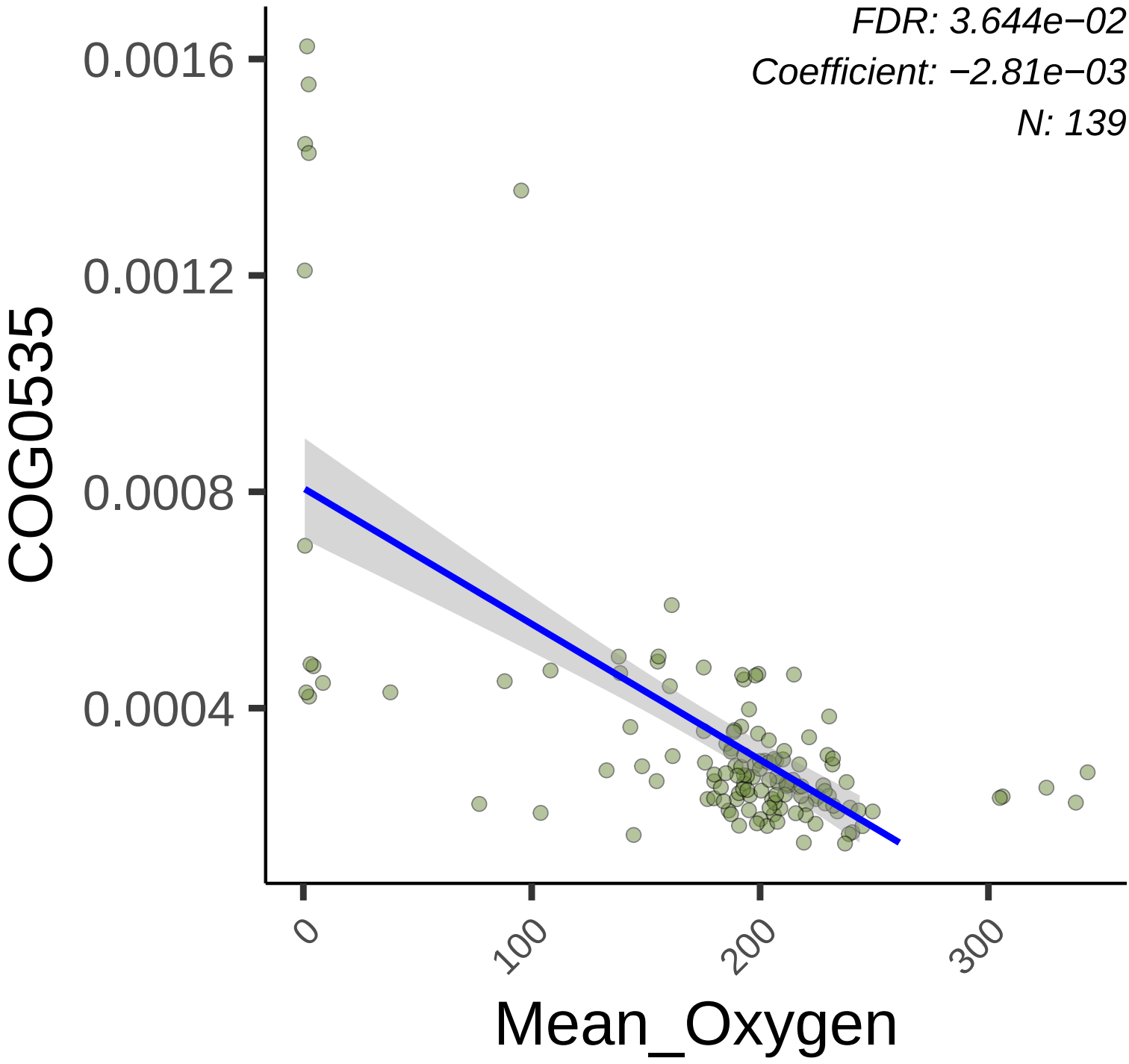
300
Mean_Oxygen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Coefficient: −2.81e−03
N: 139
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COG0535
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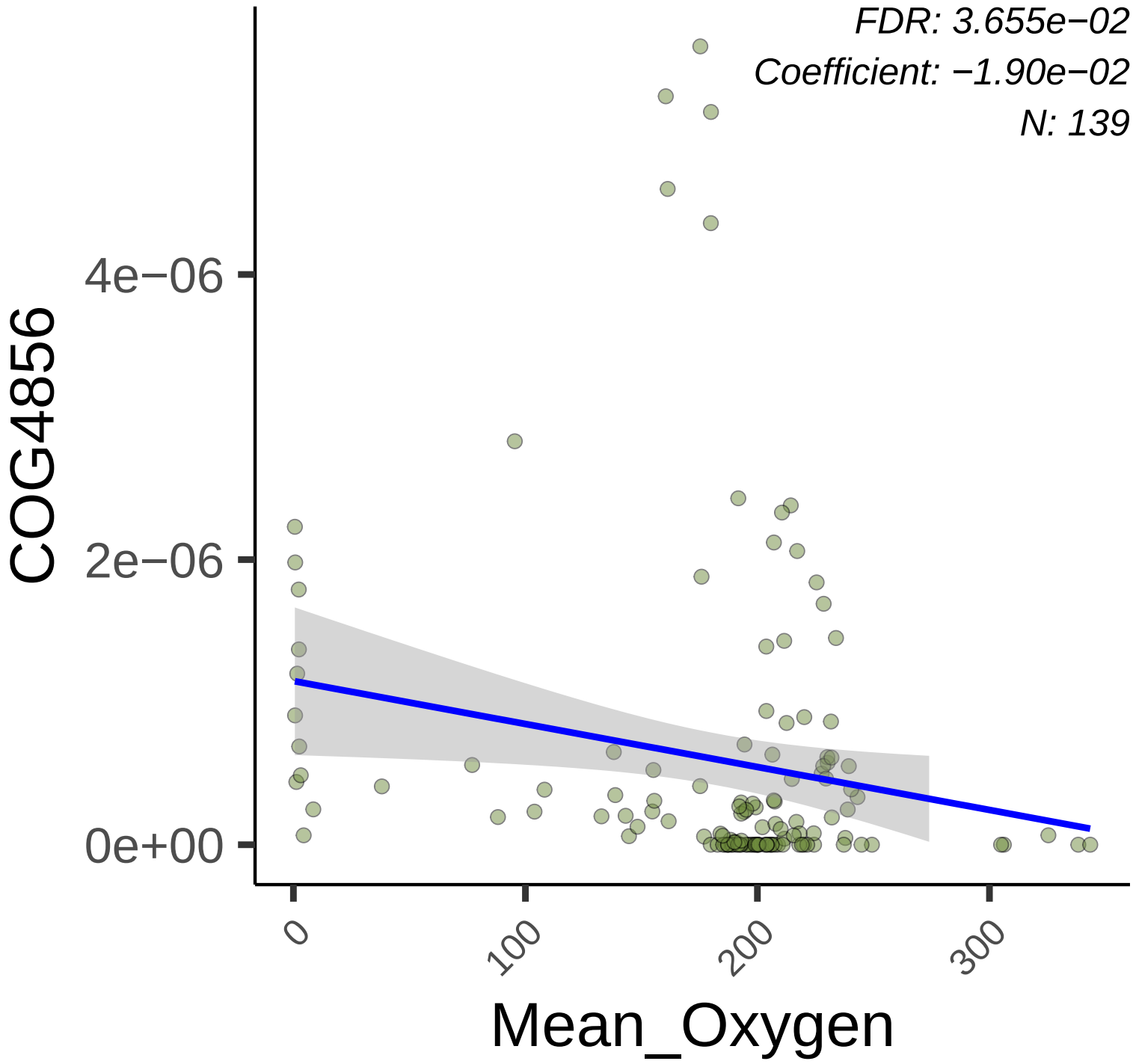
300
Mean_Oxygen


FDR: 3.655e−02
Coefficient: −1.90e−02
N: 139
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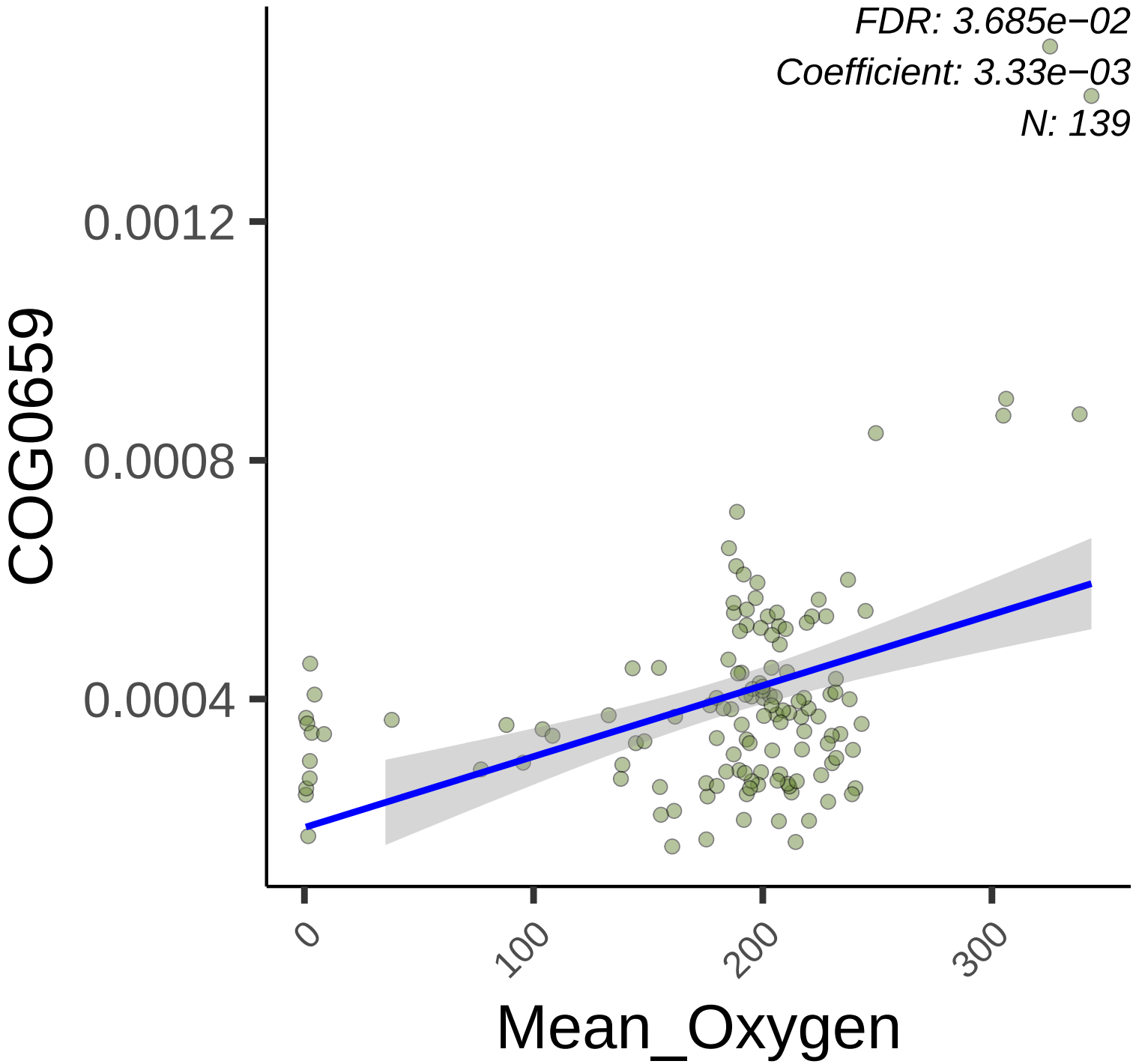
300
Mean_Oxygen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Coefficient: 3.33e−03
N: 139
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COG0659
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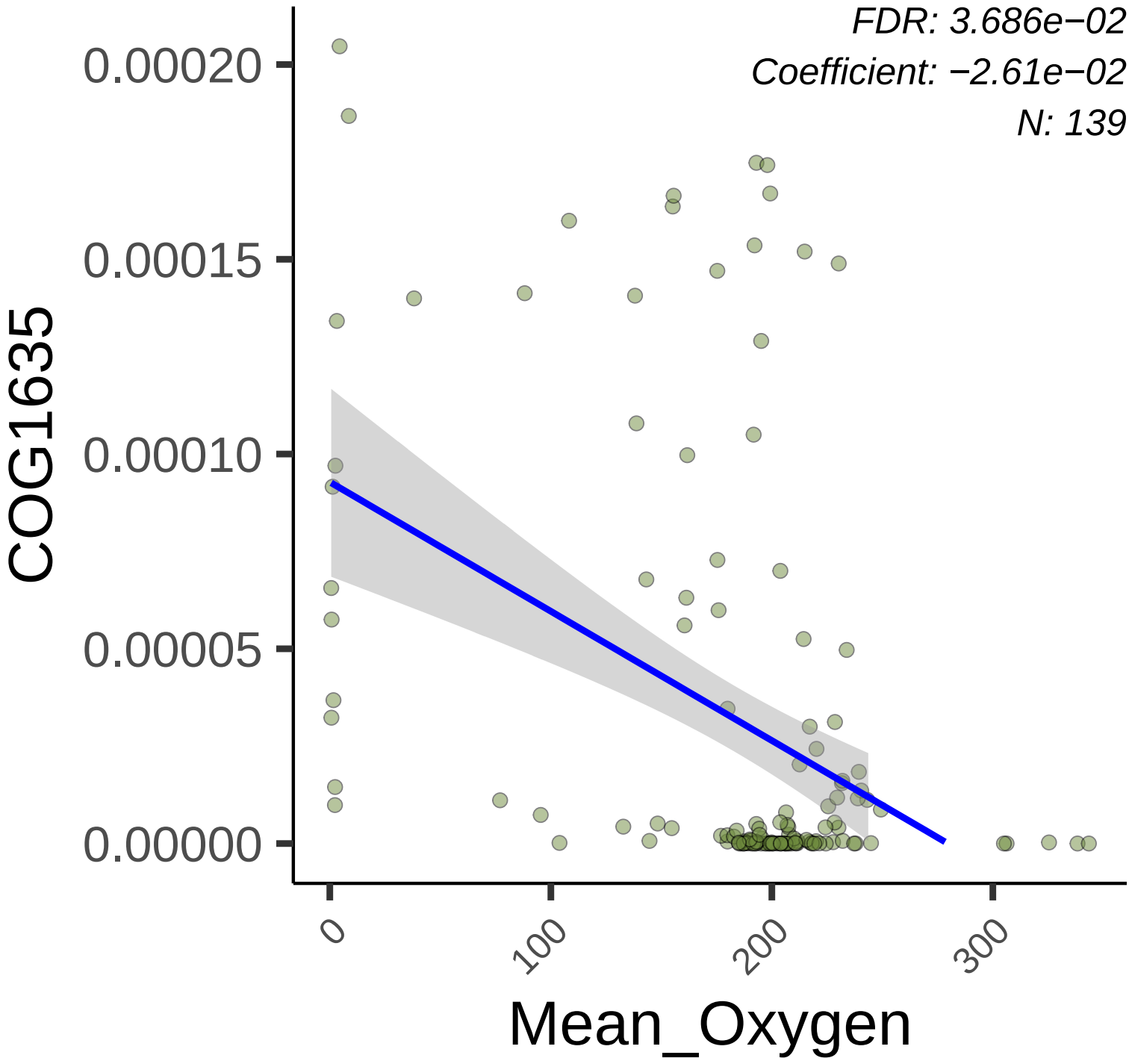
Mean_Oxygen


FDR: 3.686e−02
Coefficient: −2.61e−02
N: 139
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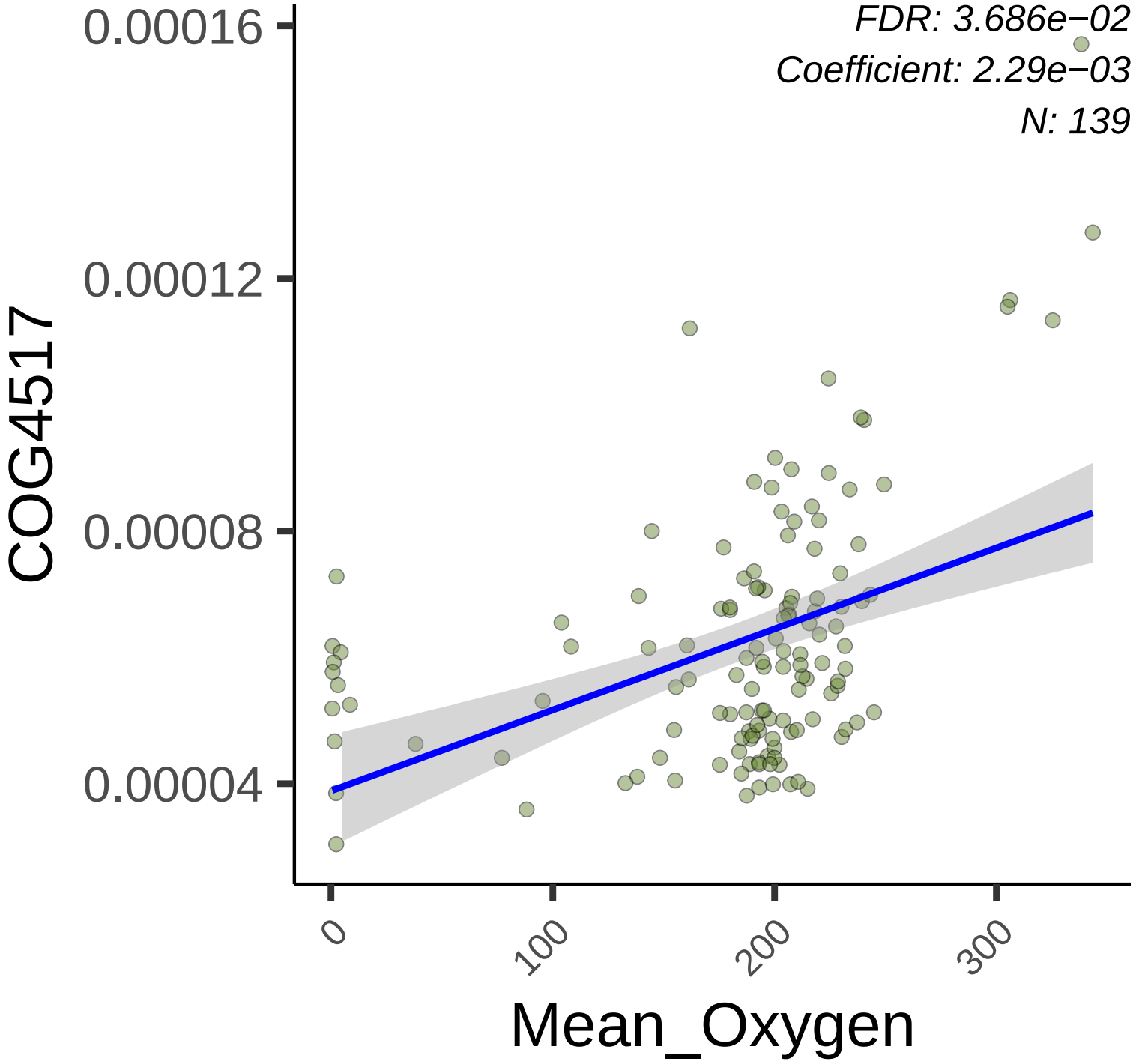
COG1635
0
100
200
300
Mean_Oxygen


FDR: 3.686e−02
Coefficient: 2.29e−03
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COG4517
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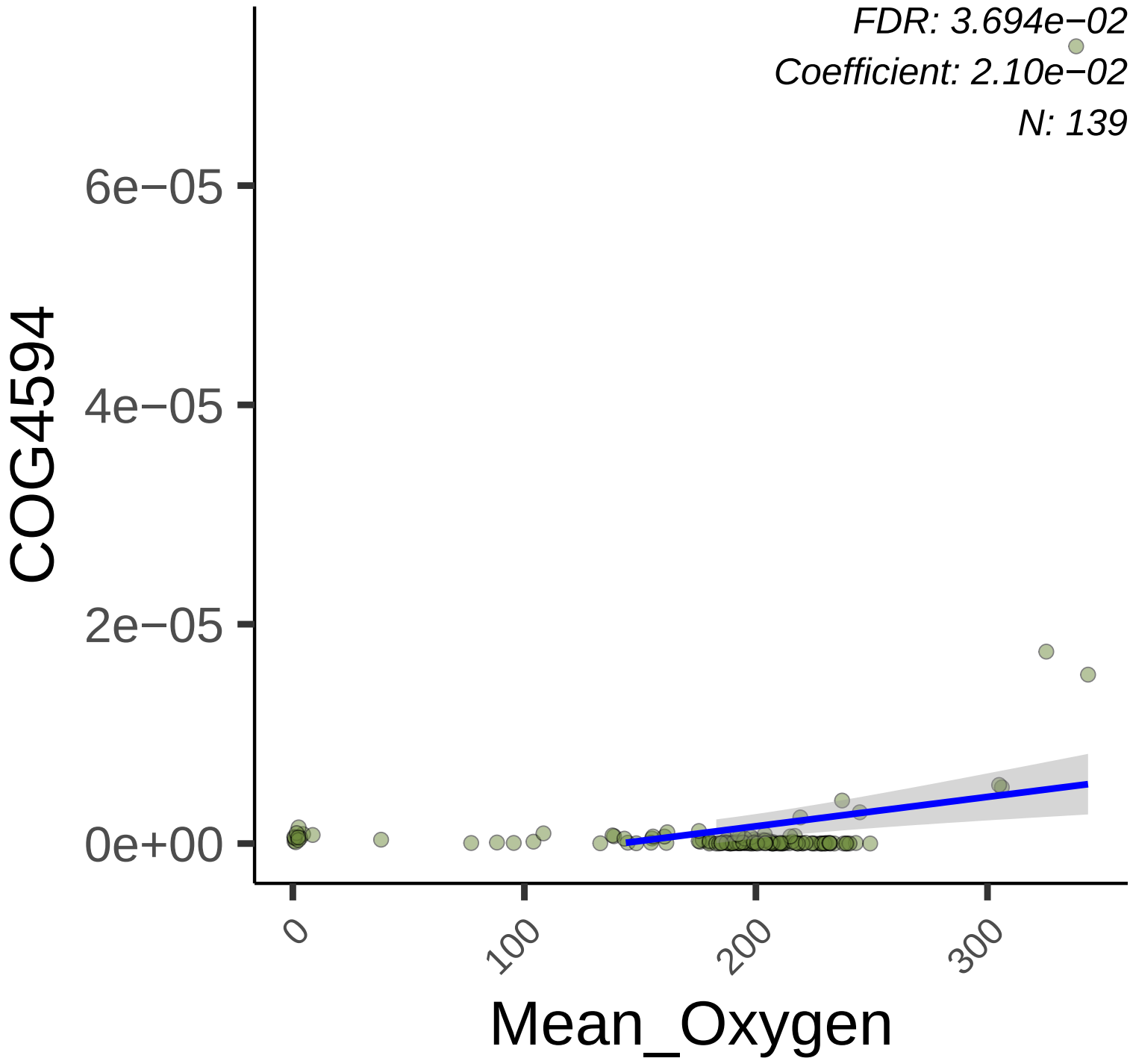
Mean_Oxygen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Coefficient: 2.10e−02
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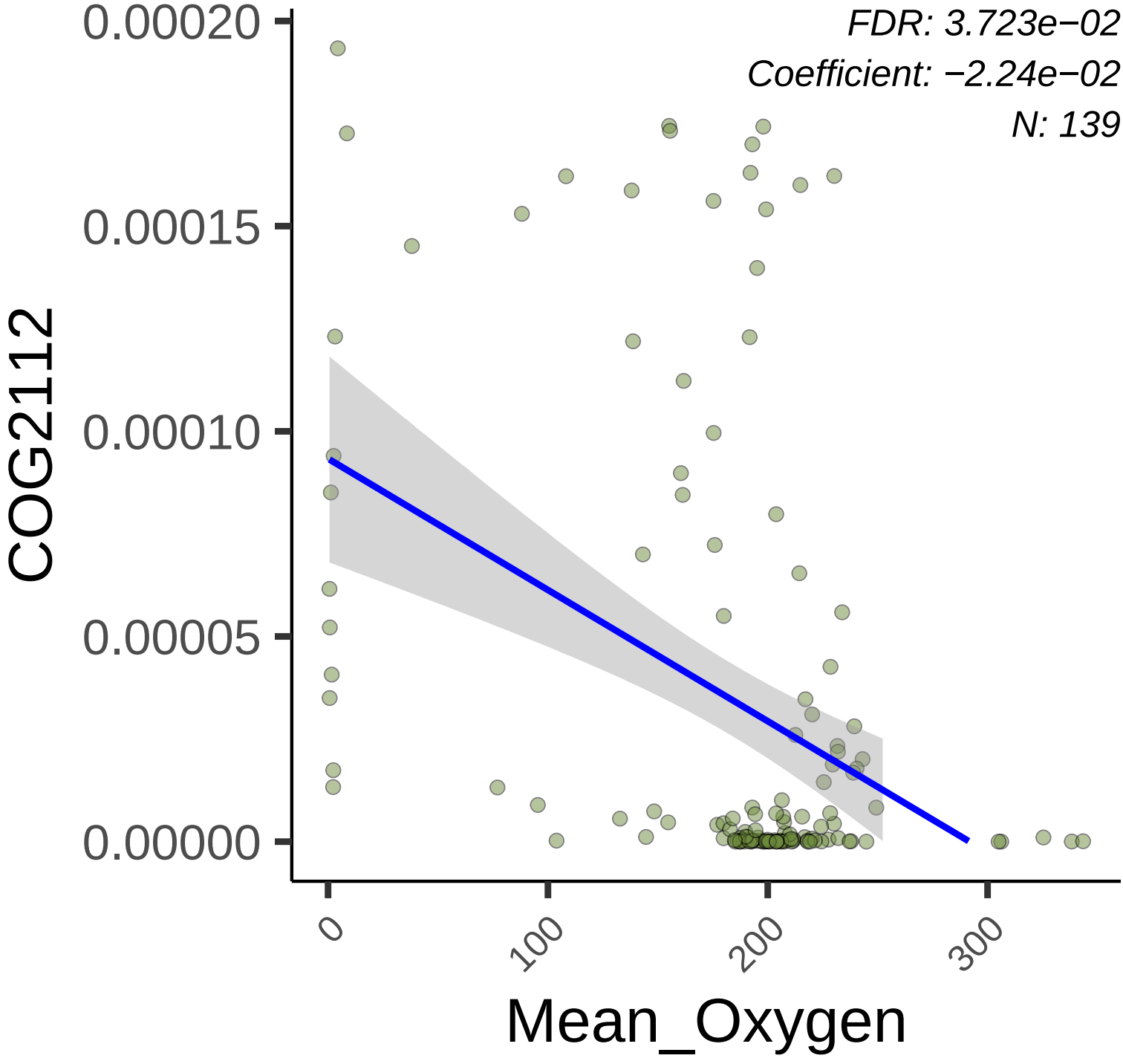
Mean_Oxygen


FDR: 3.723e−02
Coefficient: −2.24e−02
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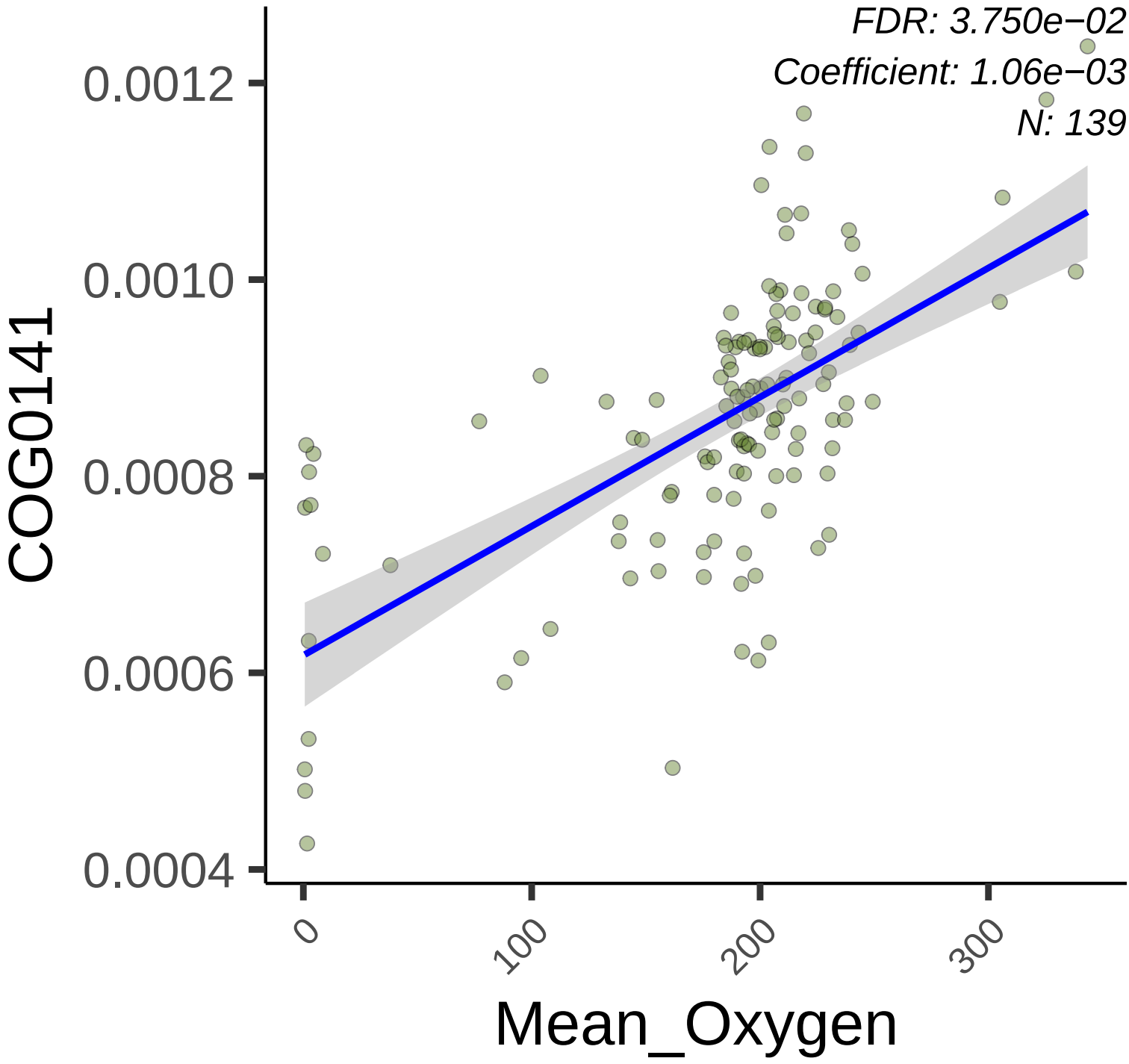
FDR: 3.750e−02
Coefficient: 1.06e−03
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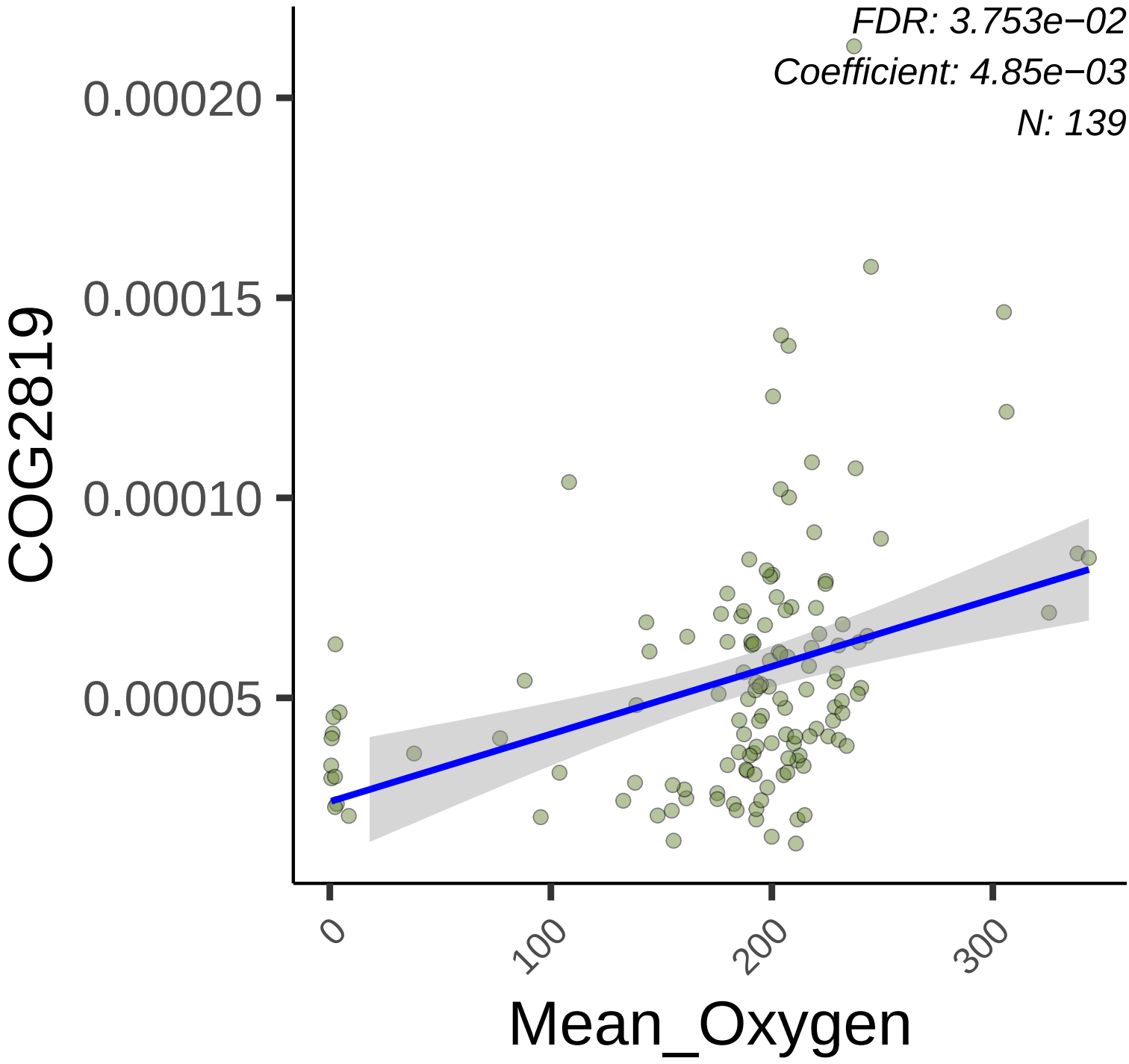
Mean_Oxygen


FDR: 3.753e−02
Coefficient: 4.85e−03
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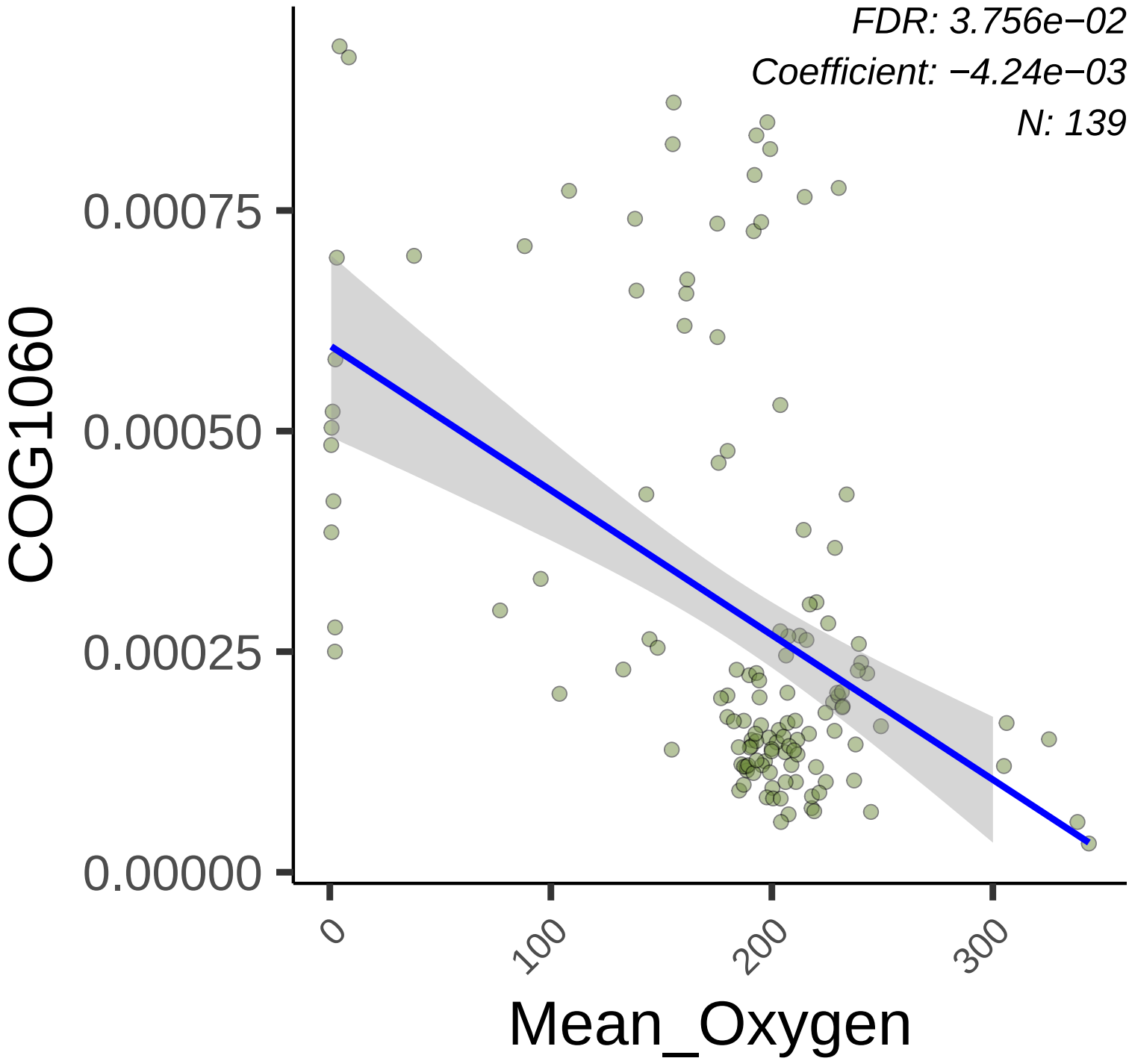
Mean_Oxygen


FDR: 3.756e−02
Coefficient: −4.24e−03
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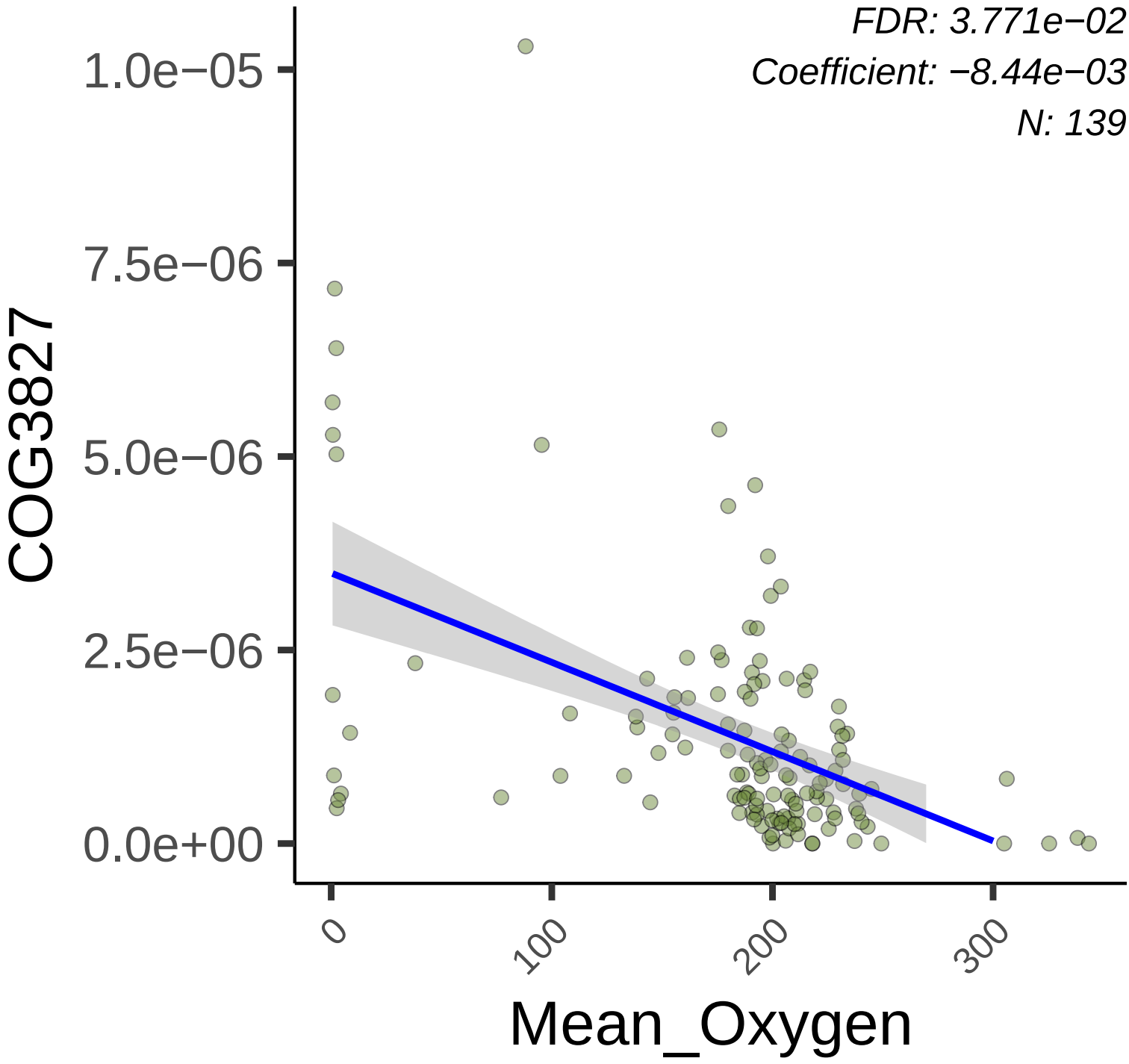
Mean_Oxygen


FDR: 3.771e−02
Coefficient: −8.44e−03
N: 139
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COG3827
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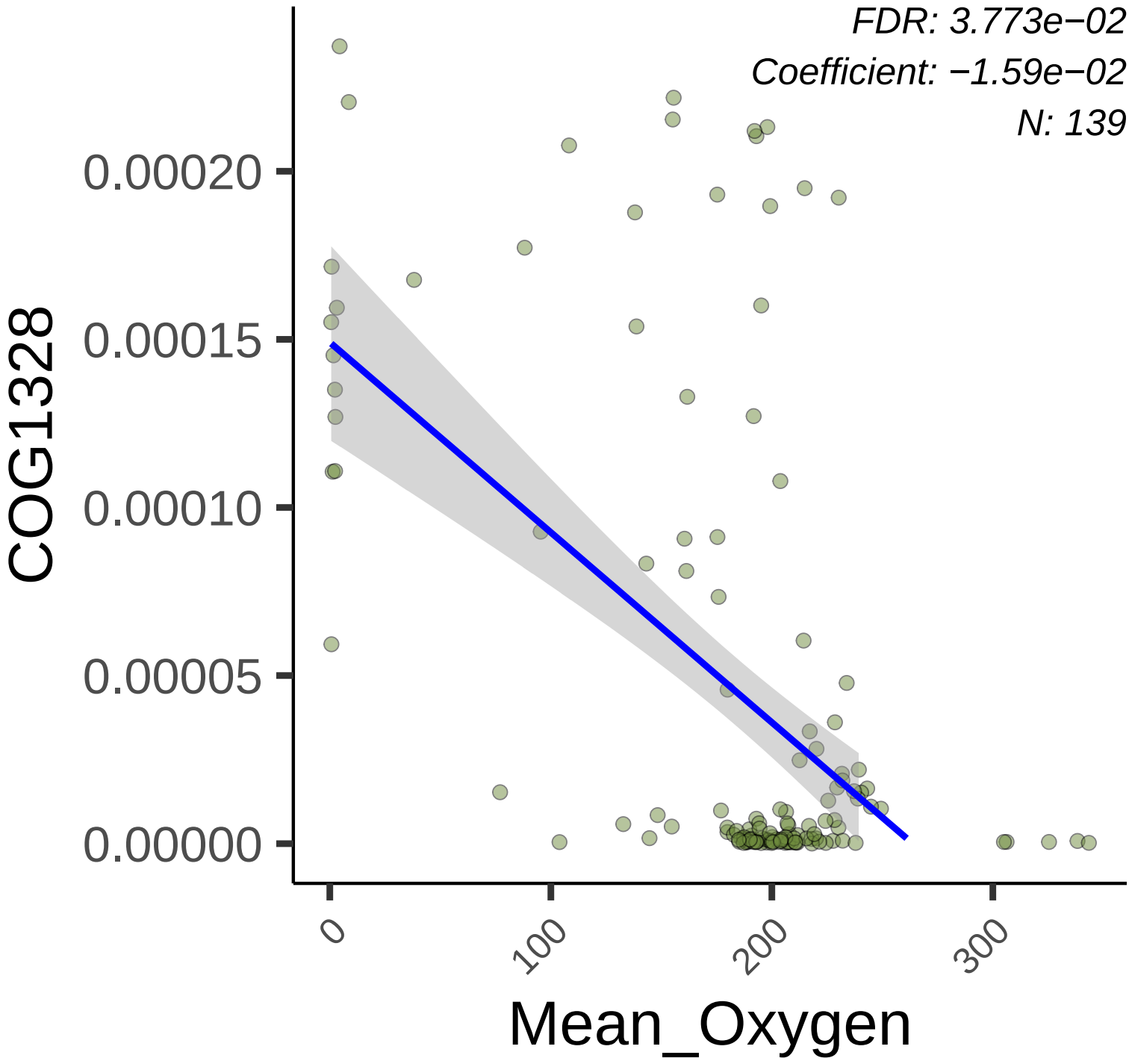
200
300
Mean_Oxygen


FDR: 3.773e−02
Coefficient: −1.59e−02
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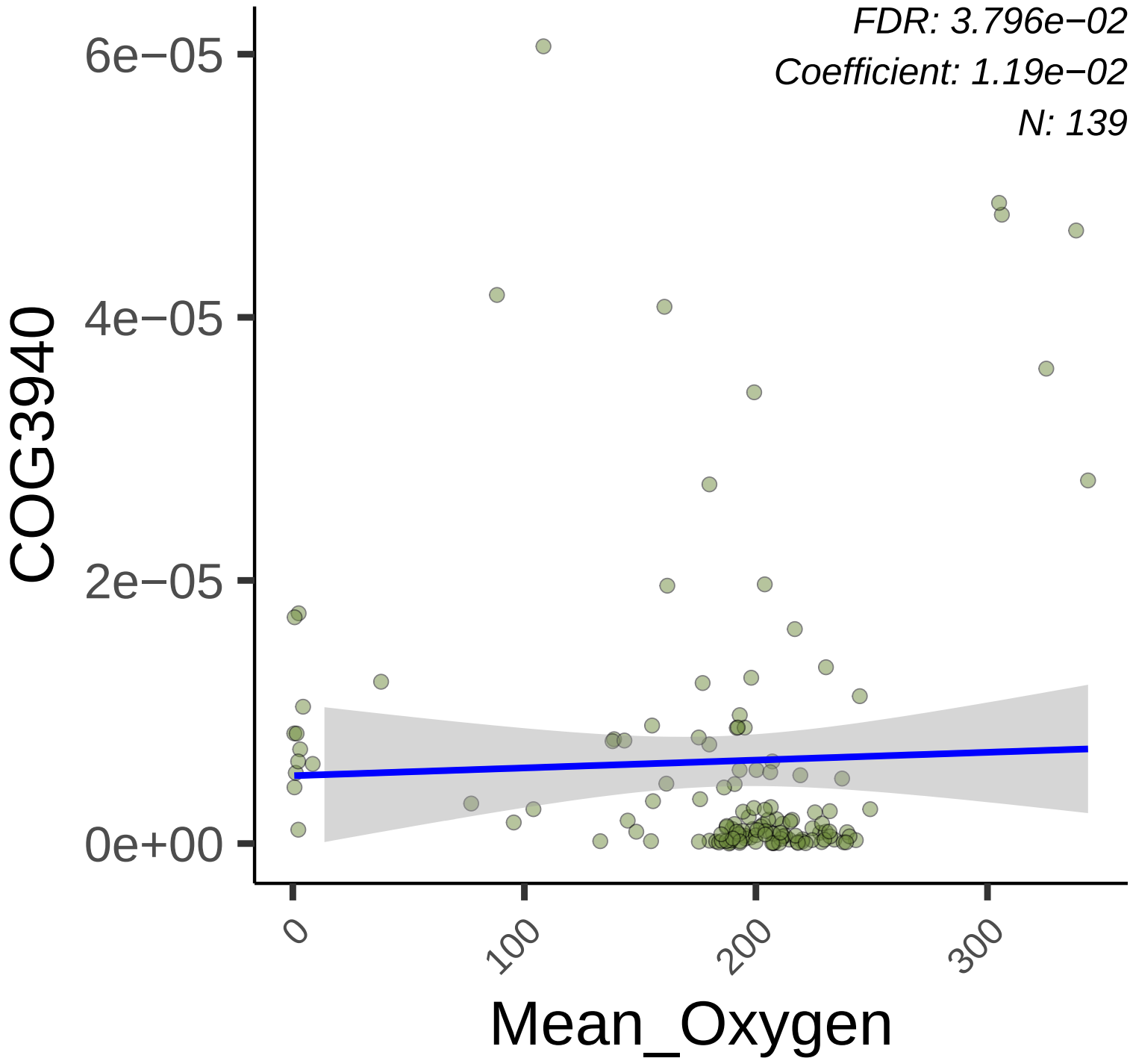
Mean_Oxygen


FDR: 3.796e−02
Coefficient: 1.19e−02
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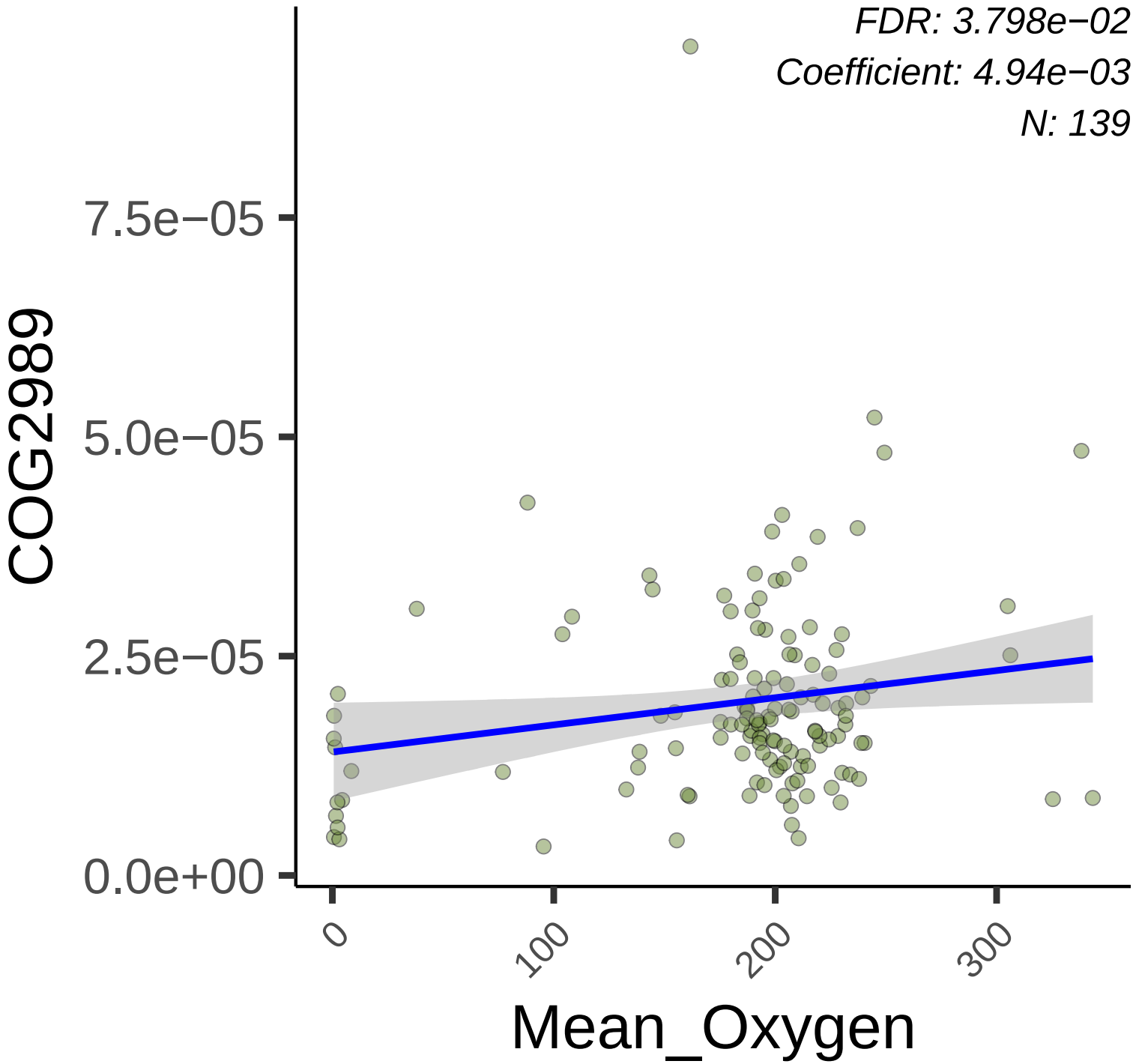
Mean_Oxygen


FDR: 3.798e−02
Coefficient: 4.94e−03
N: 139
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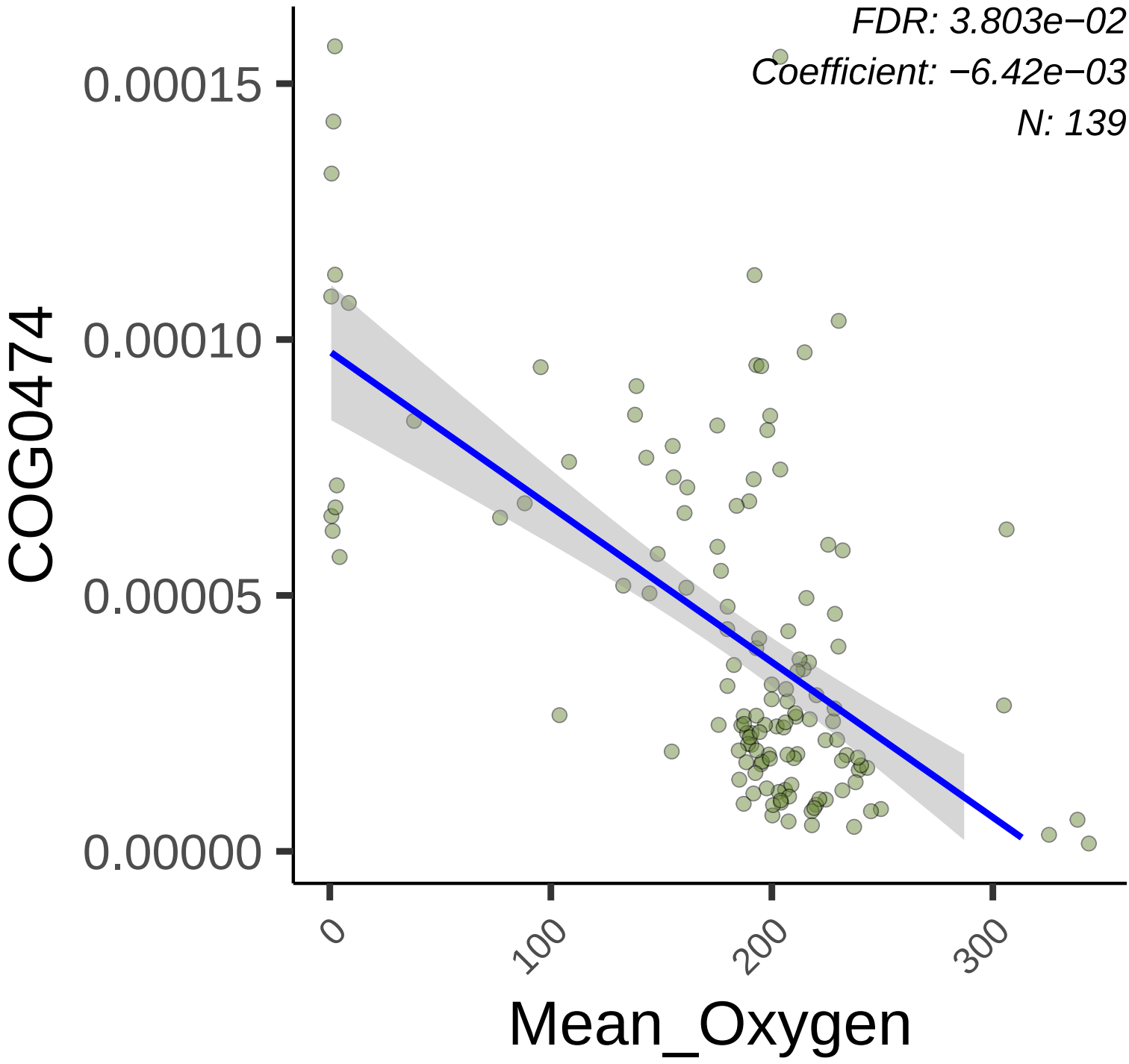
Mean_Oxygen


FDR: 3.803e−02
Coefficient: −6.42e−03
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COG0474
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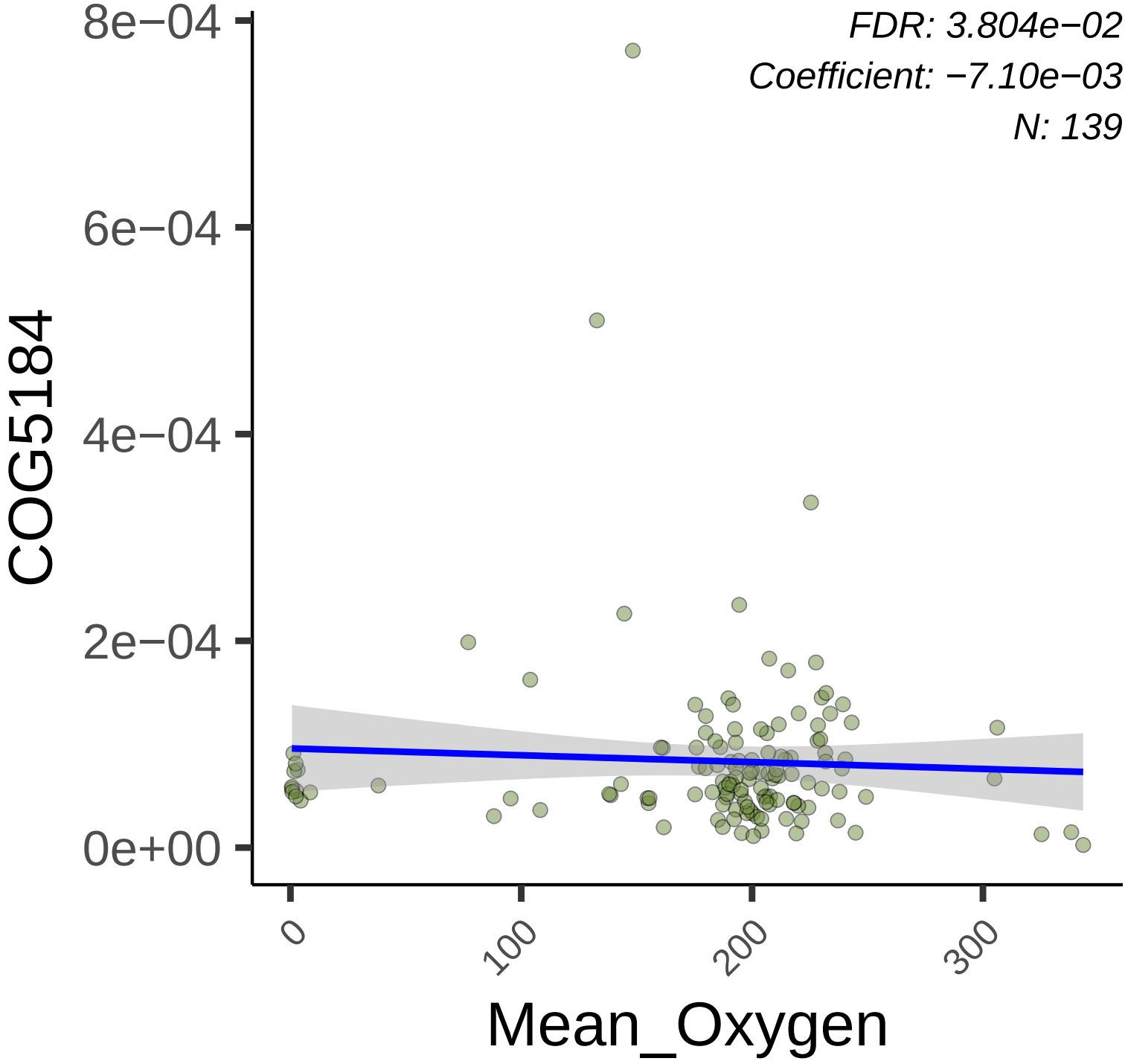
Mean_Oxygen


FDR: 3.804e−02
Coefficient: −7.10e−03
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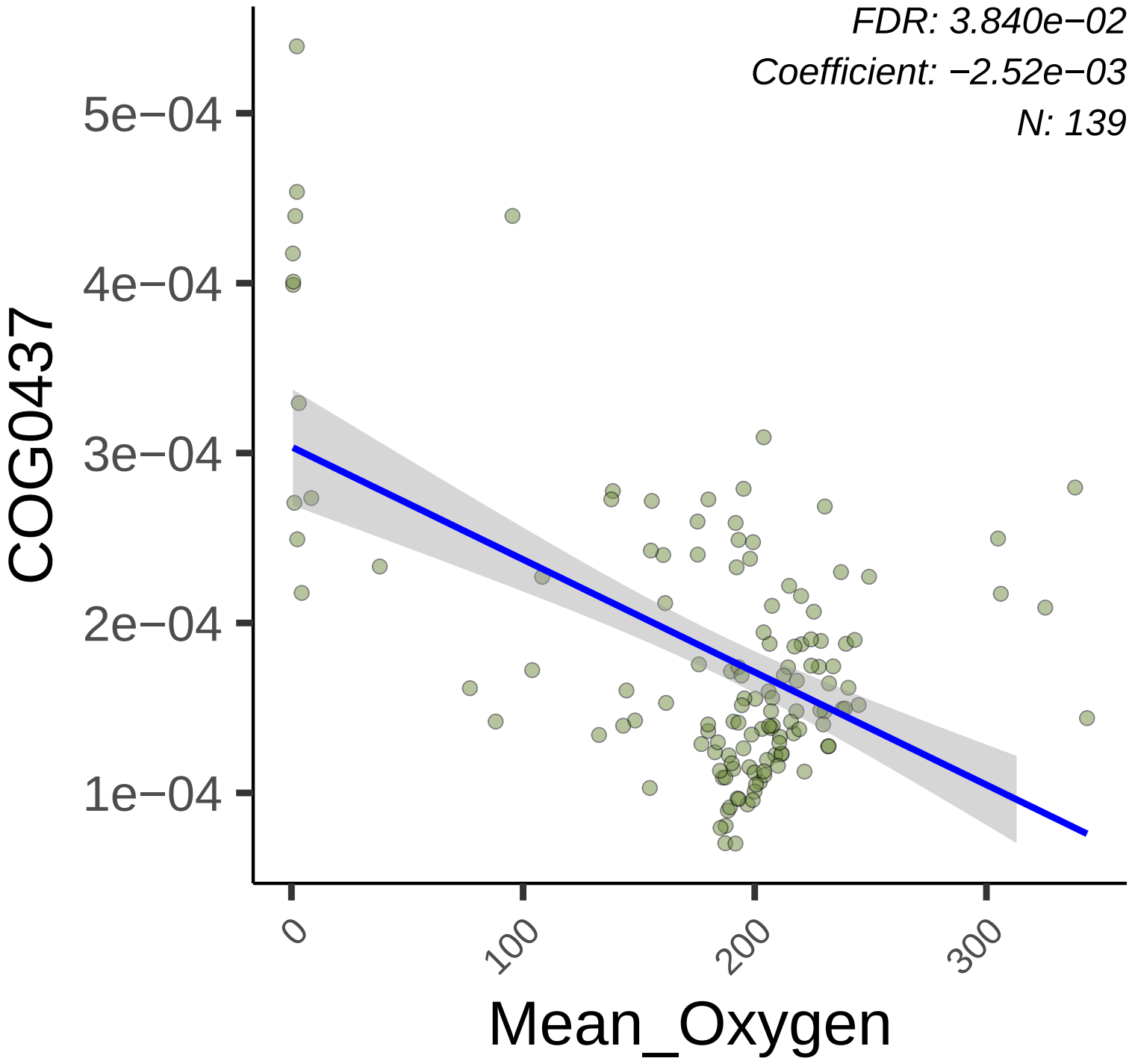
200
300
Mean_Oxygen


FDR: 3.840e−02
Coefficient: −2.52e−03
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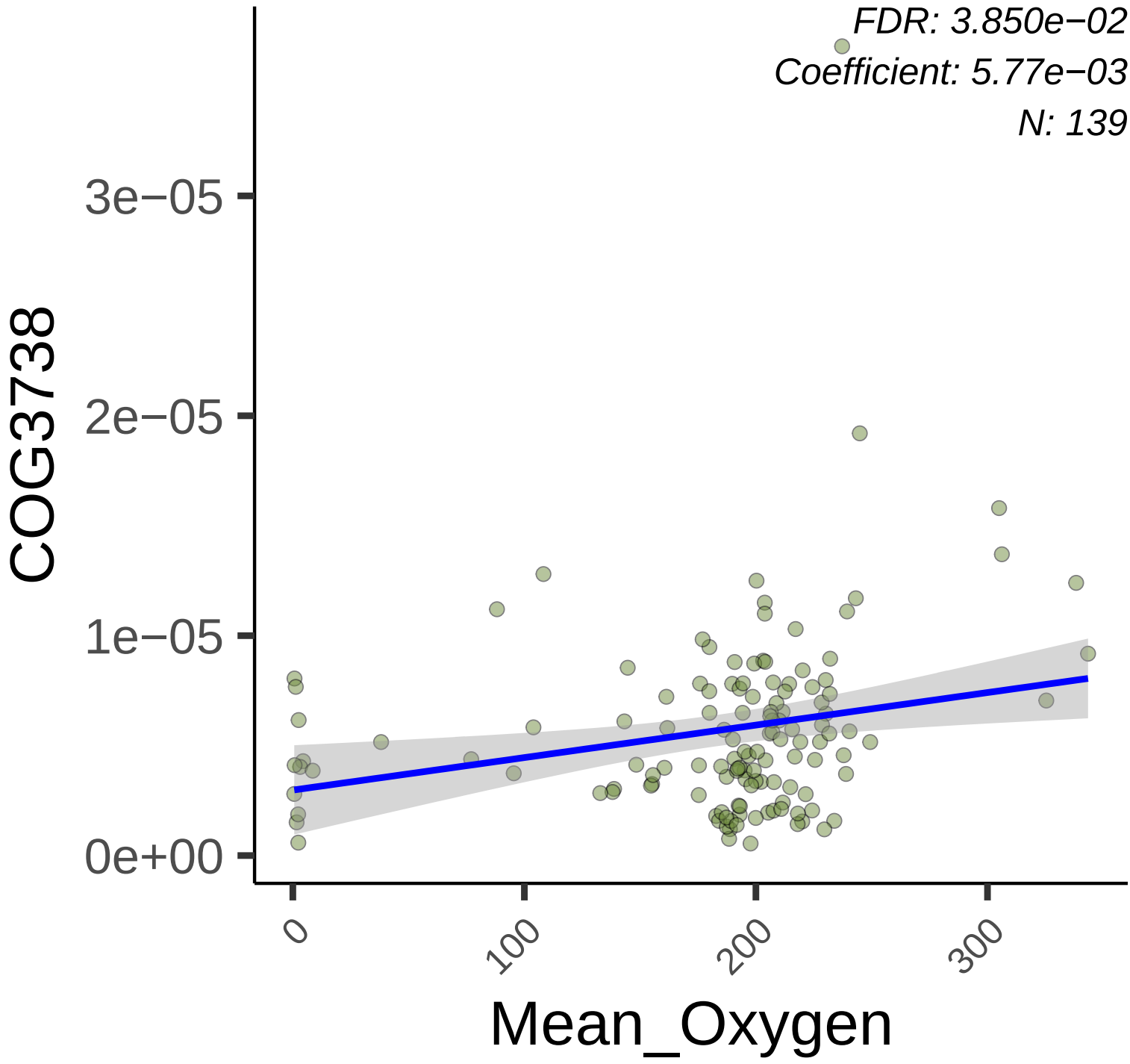
200
300
Mean_Oxygen


FDR: 3.850e−02
Coefficient: 5.77e−03
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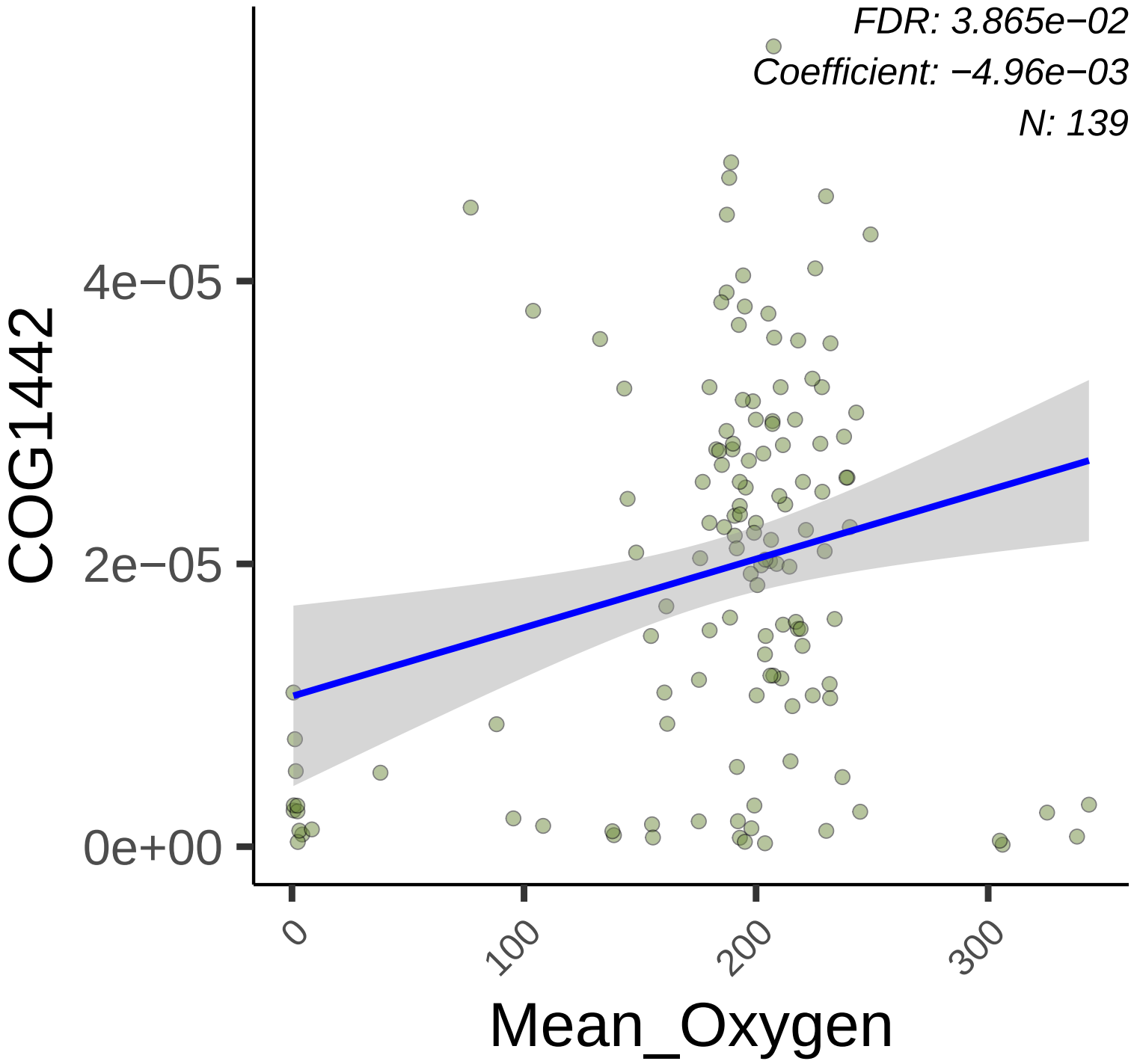
200
300
Mean_Oxygen


FDR: 3.865e−02
Coefficient: −4.96e−03
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COG1442
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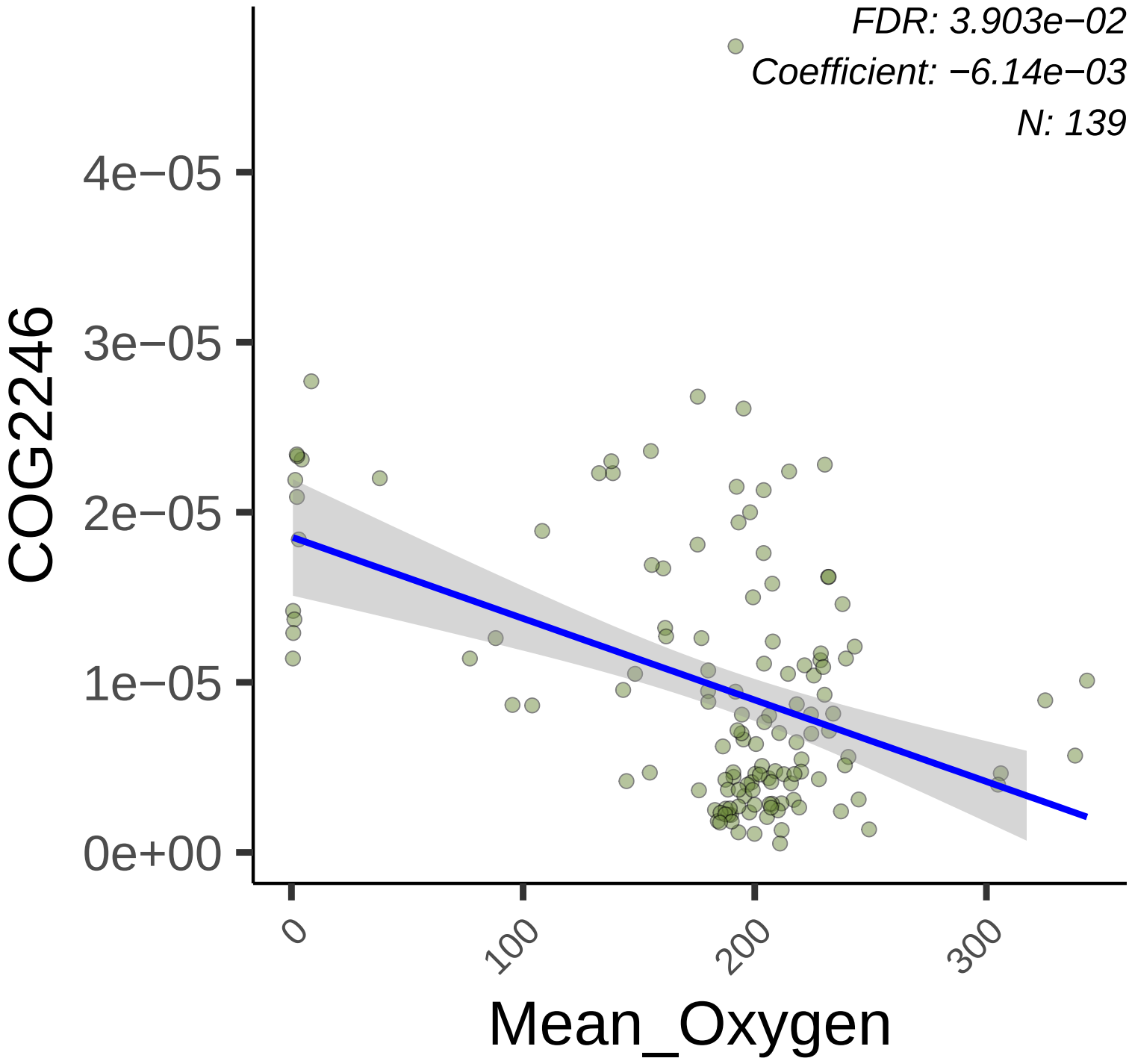
300
Mean_Oxygen


FDR: 3.903e−02
Coefficient: −6.14e−03
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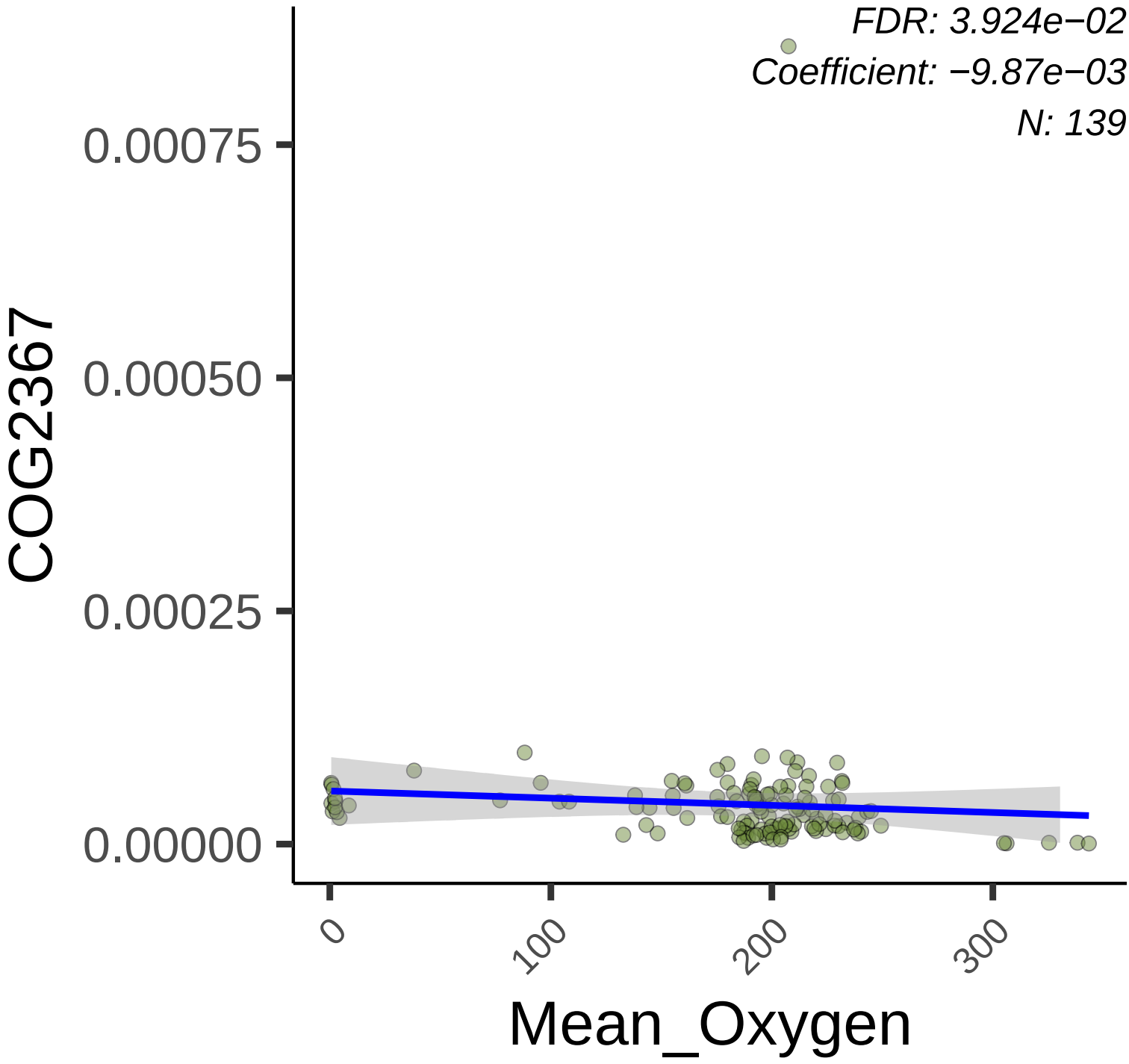
Mean_Oxygen


FDR: 3.924e−02
Coefficient: −9.87e−03
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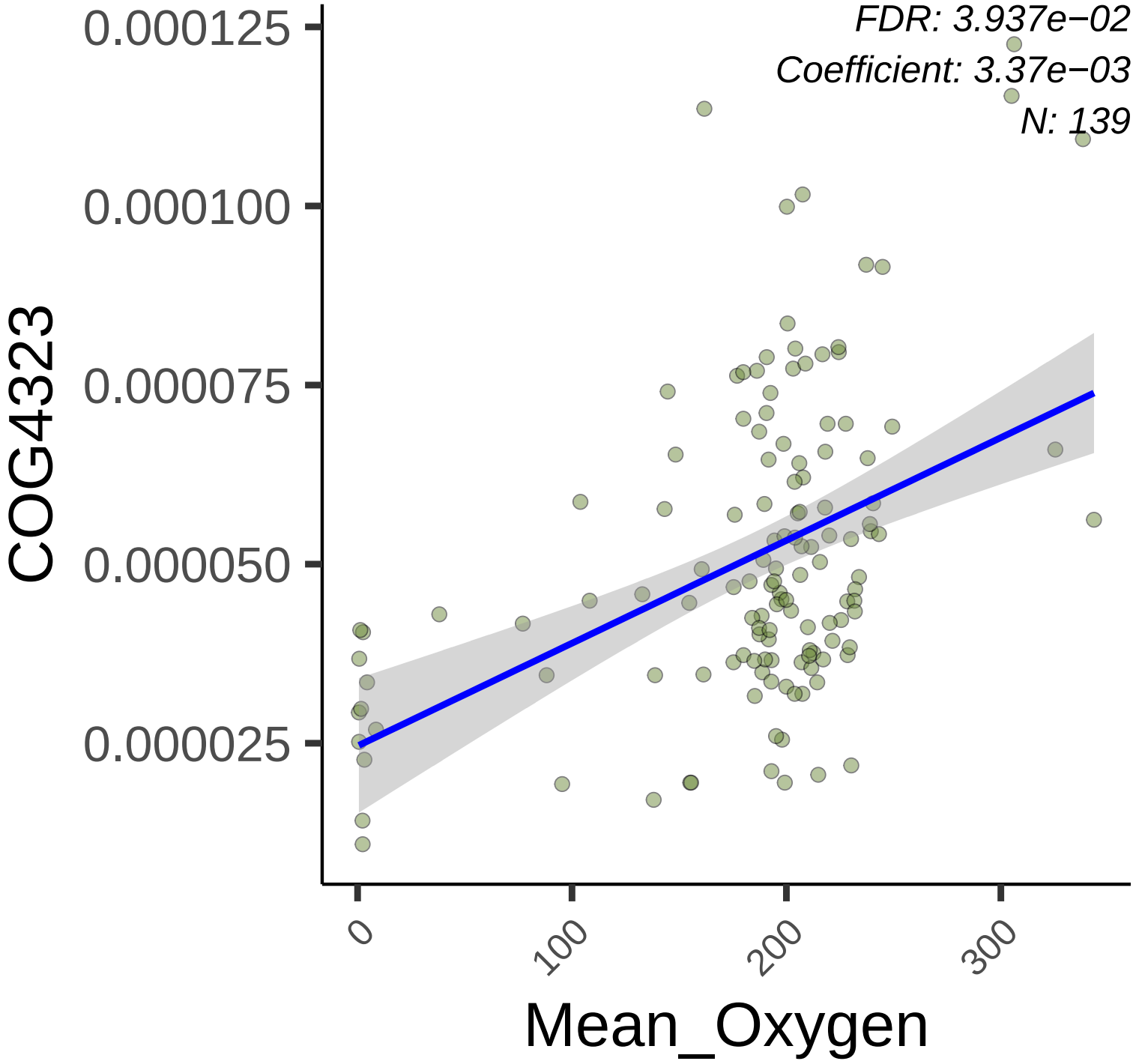
Mean_Oxygen


FDR: 3.937e−02
Coefficient: 3.37e−03
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COG4323
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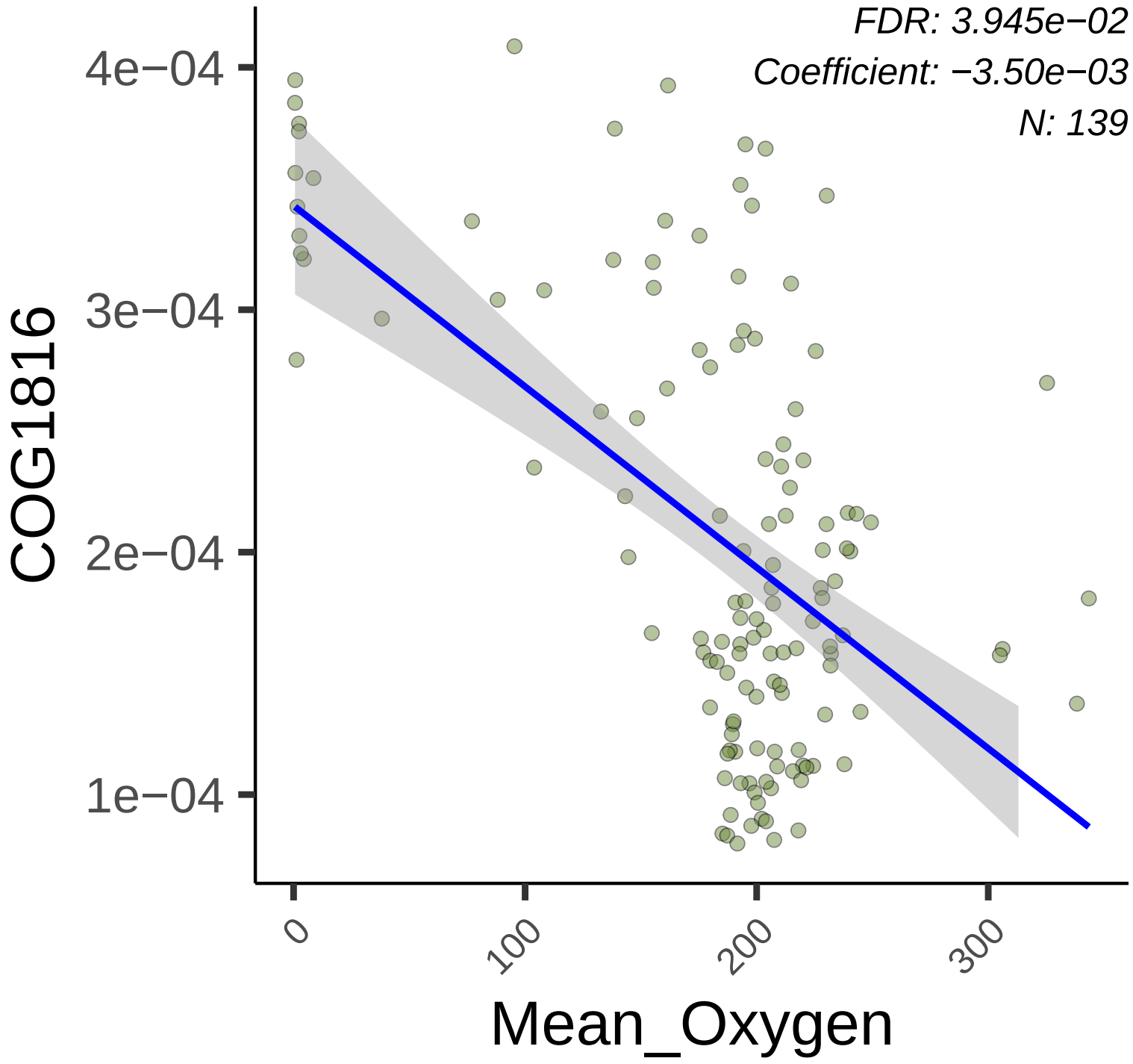
200
300
Mean_Oxygen


FDR: 3.945e−02
Coefficient: −3.50e−03
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COG1816
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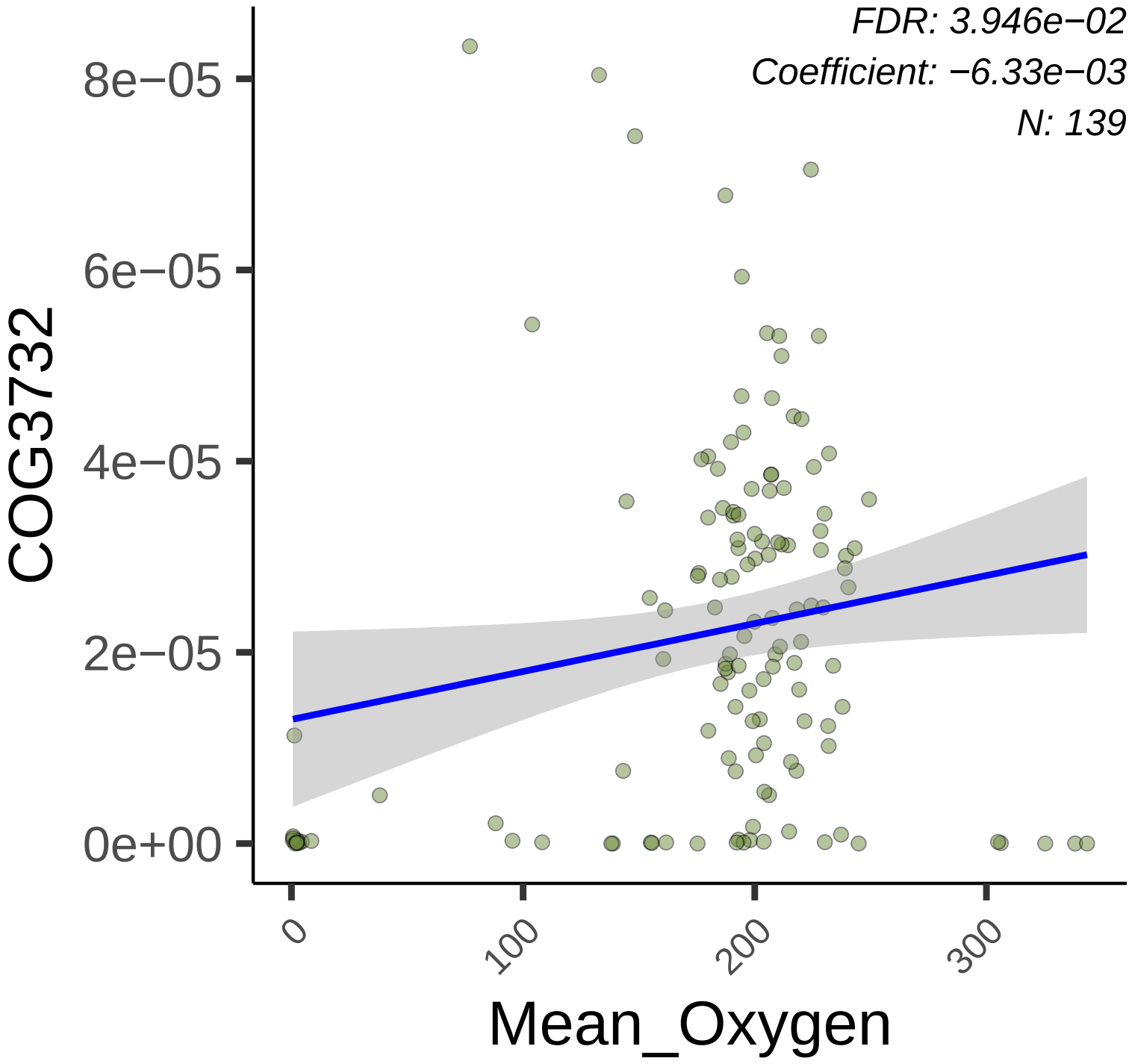
200
300
Mean_Oxygen


FDR: 3.946e−02
Coefficient: −6.33e−03
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COG3732
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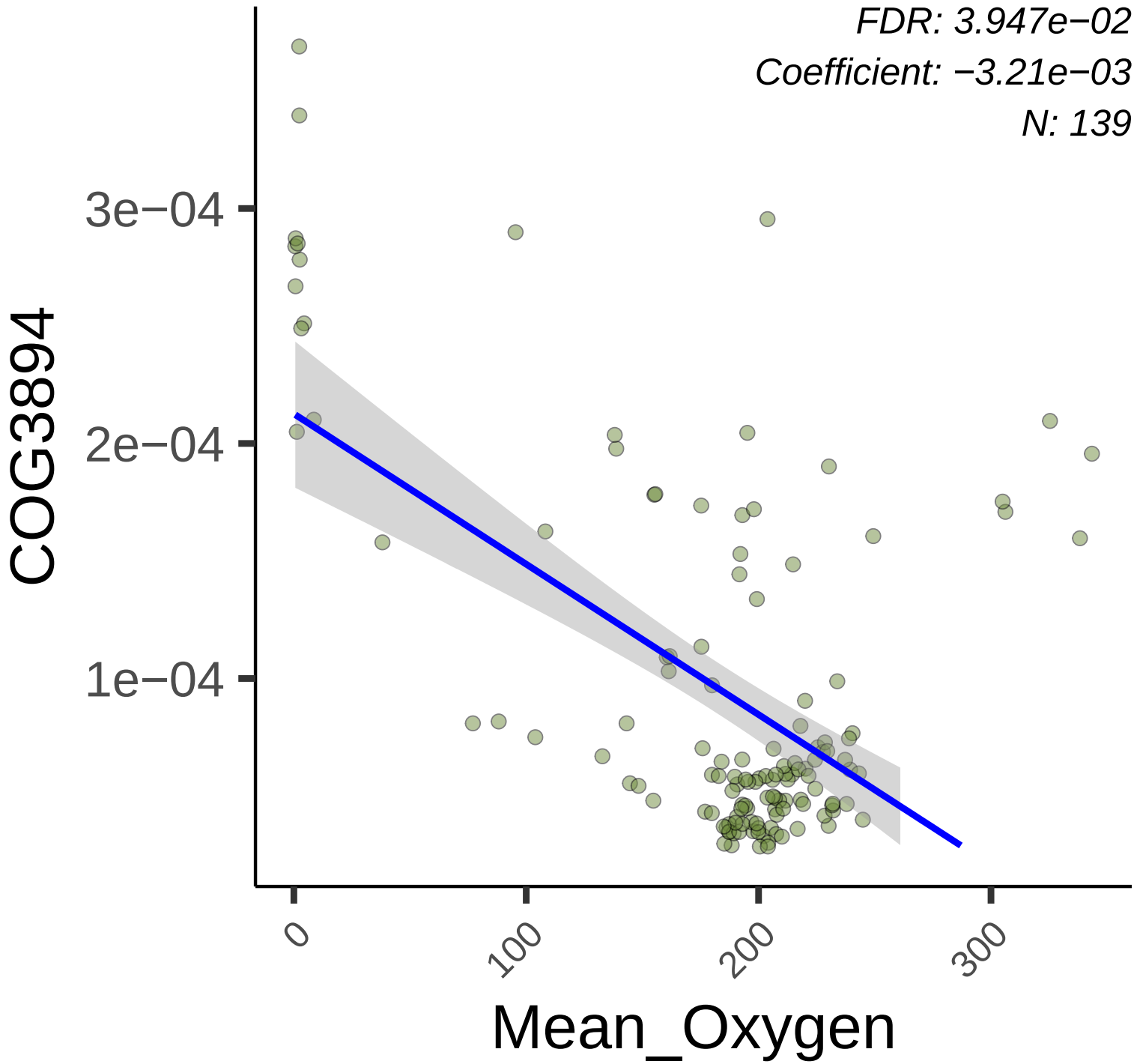
200
300
Mean_Oxygen


FDR: 3.947e−02
Coefficient: −3.21e−03
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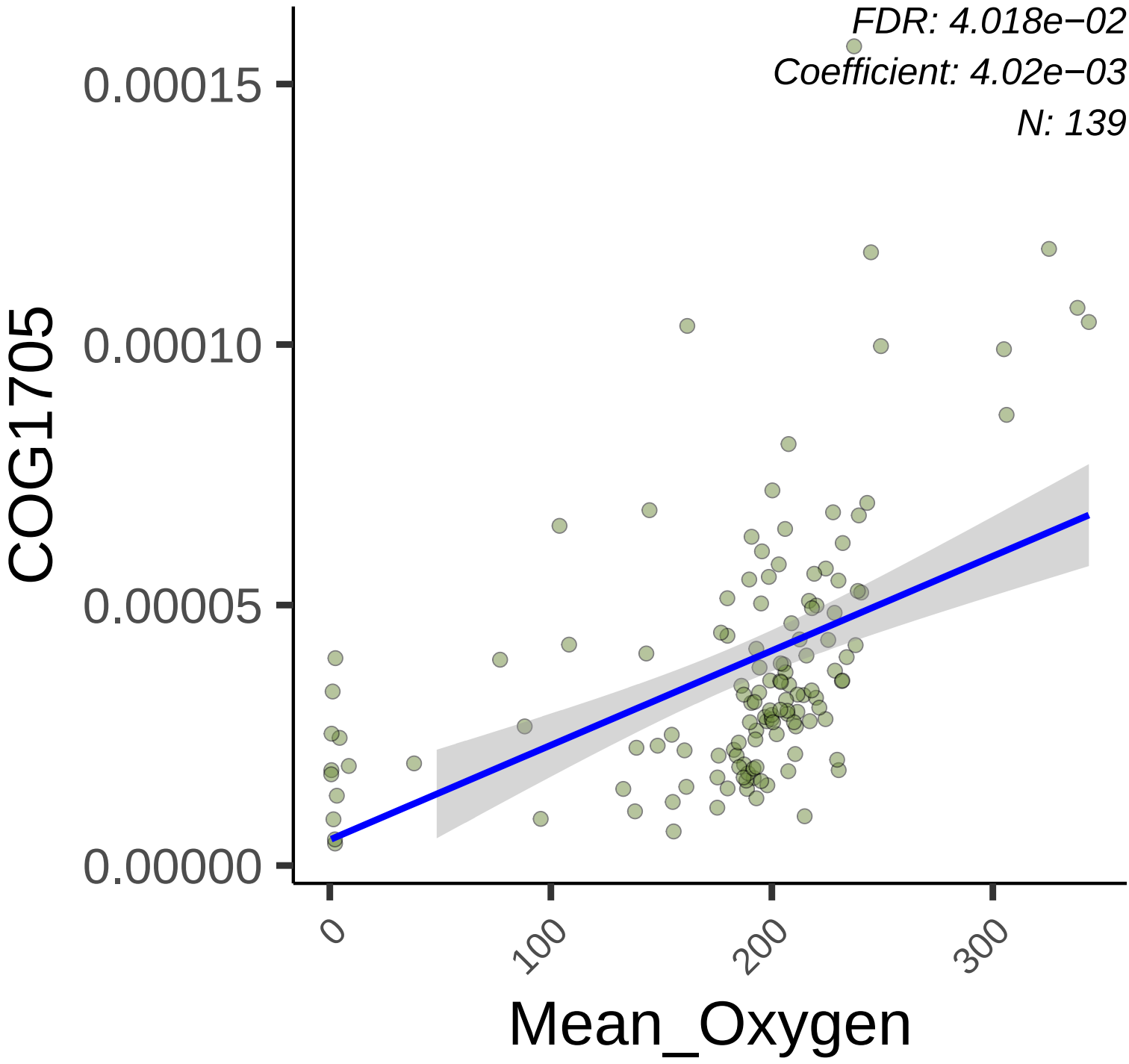
200
300
Mean_Oxygen


FDR: 4.018e−02
Coefficient: 4.02e−03
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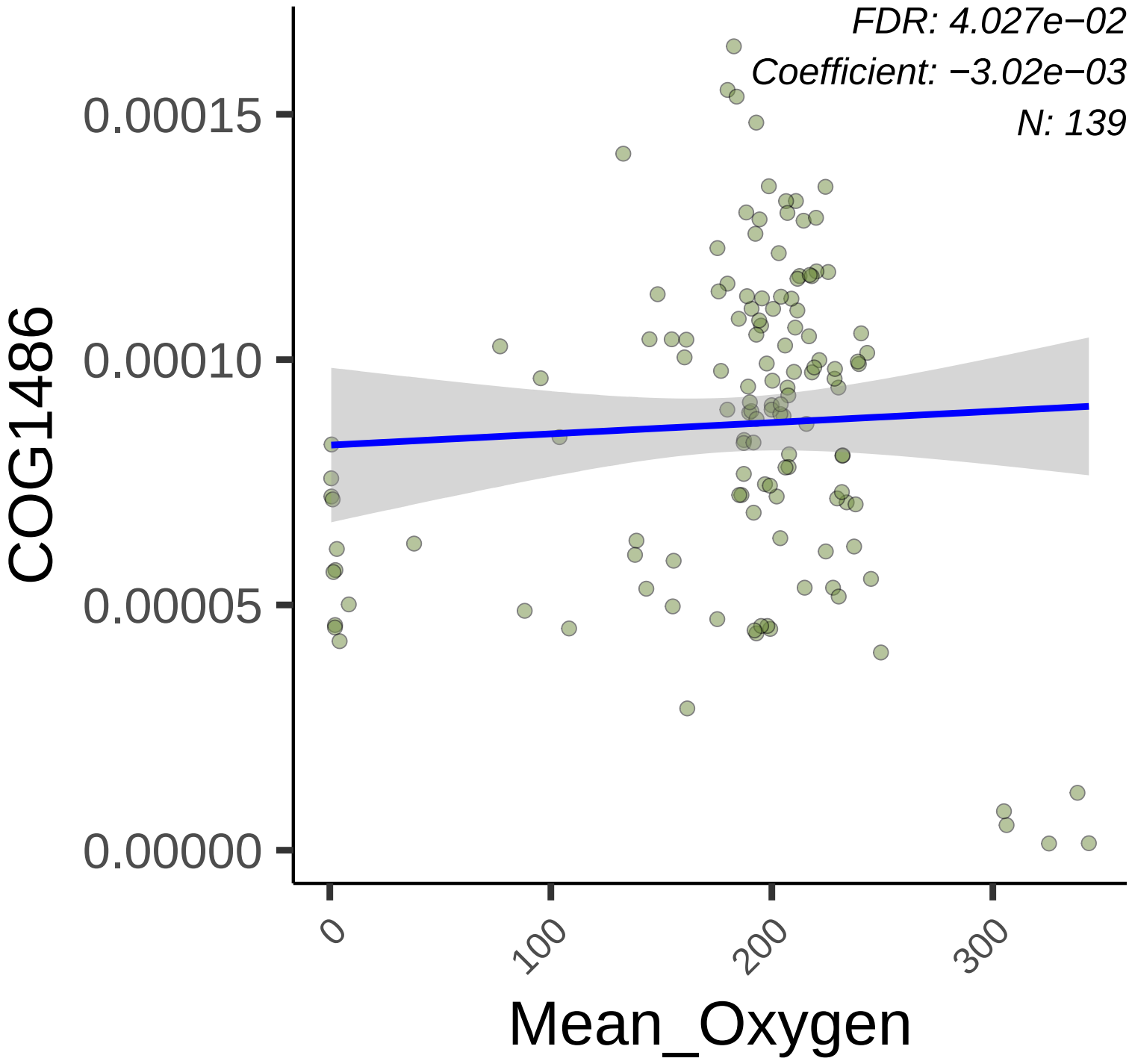
300
Mean_Oxygen


FDR: 4.027e−02
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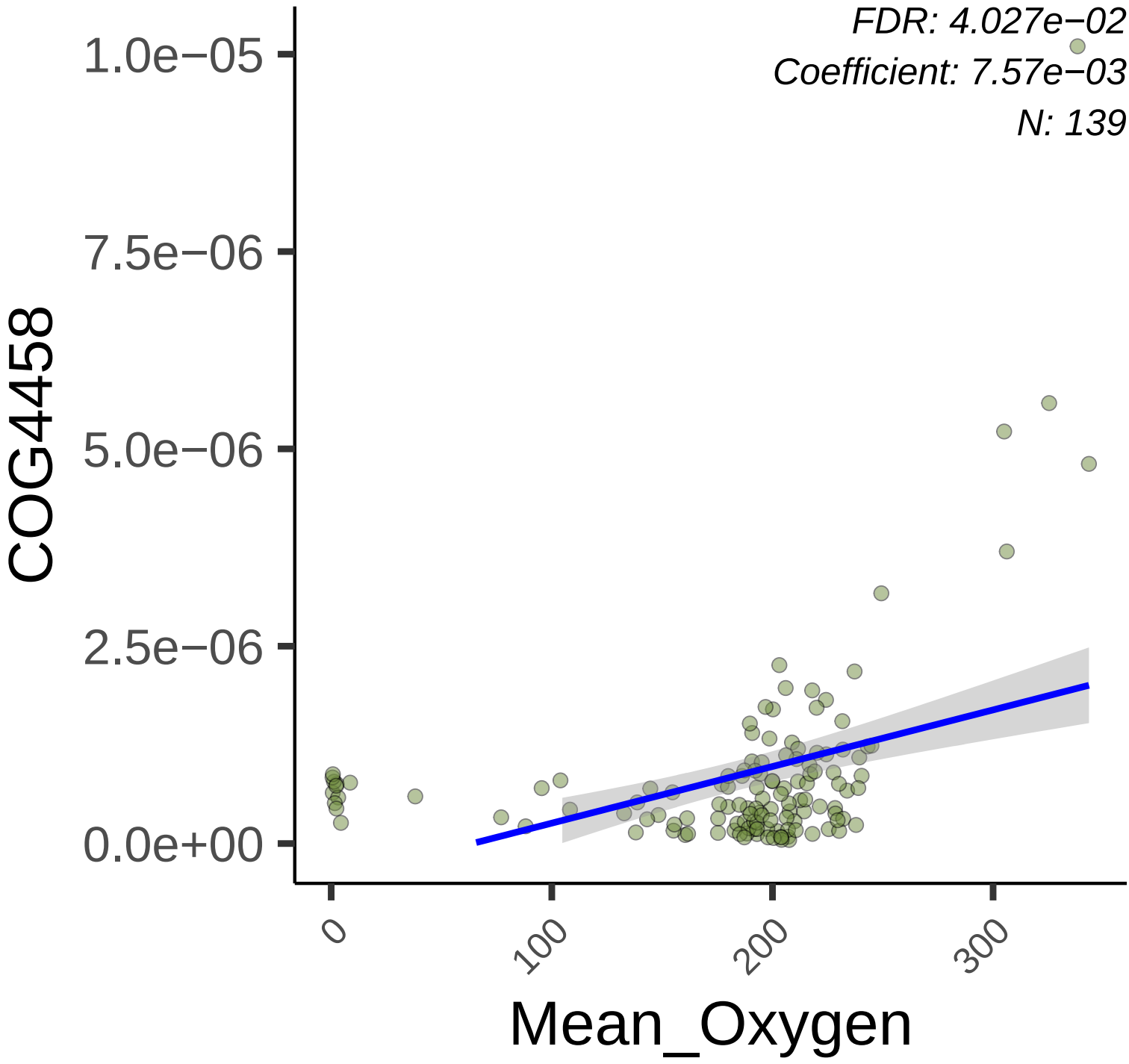
Mean_Oxygen


FDR: 4.027e−02
Coefficient: 7.57e−03
N: 139
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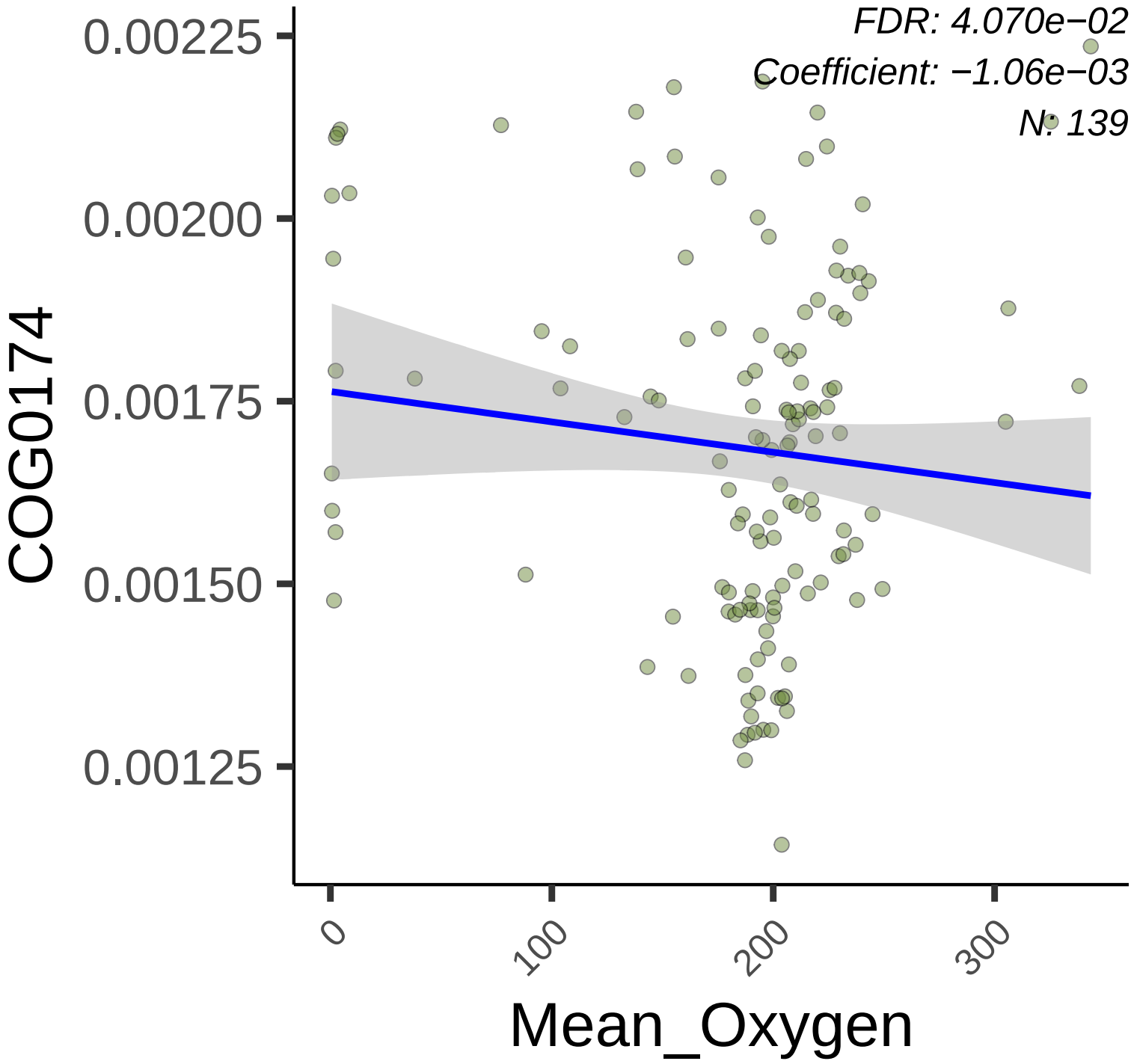
200
300
Mean_Oxygen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Coefficient: −1.06e−03
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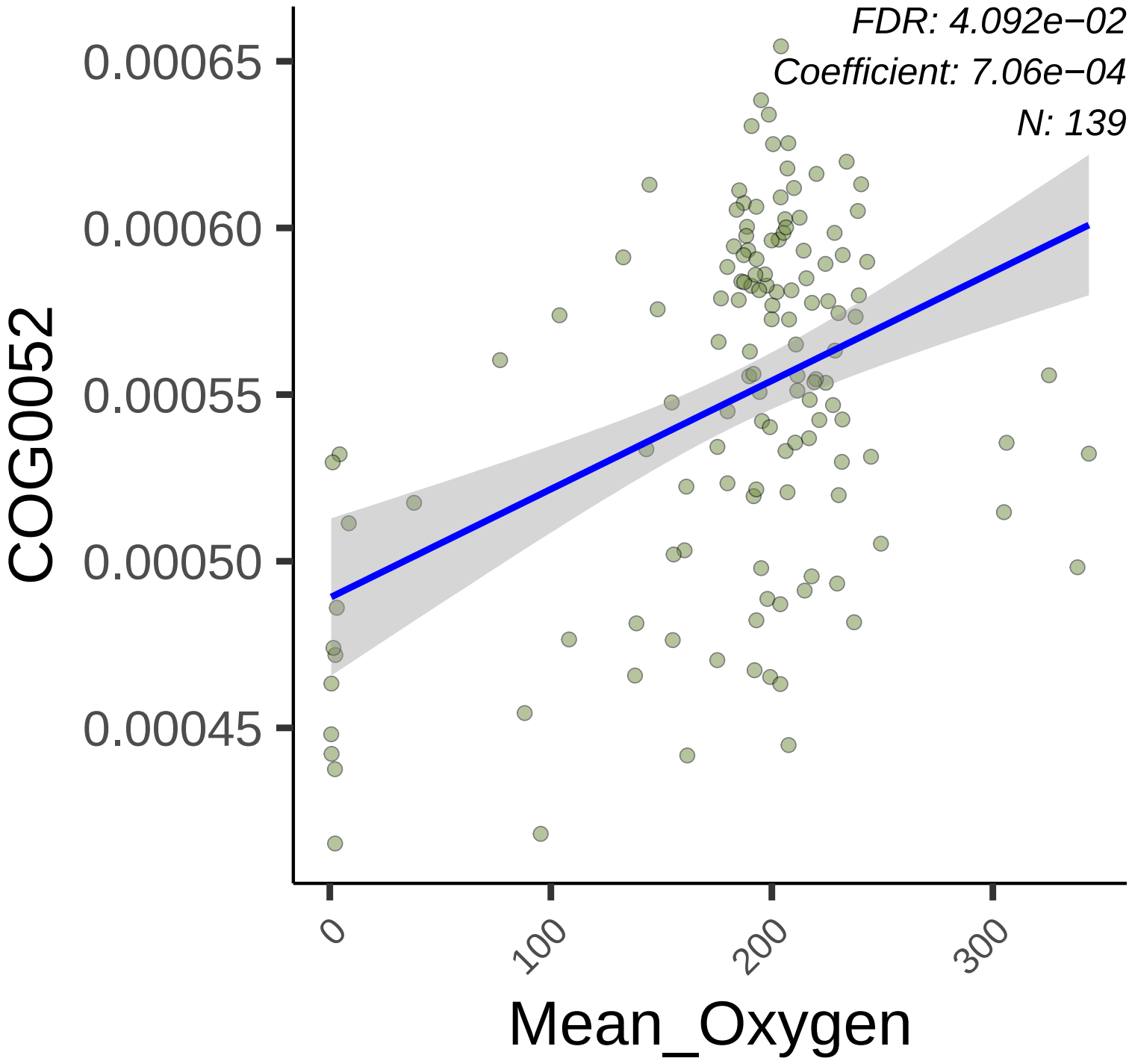
Mean_Oxygen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Coefficient: 7.06e−04
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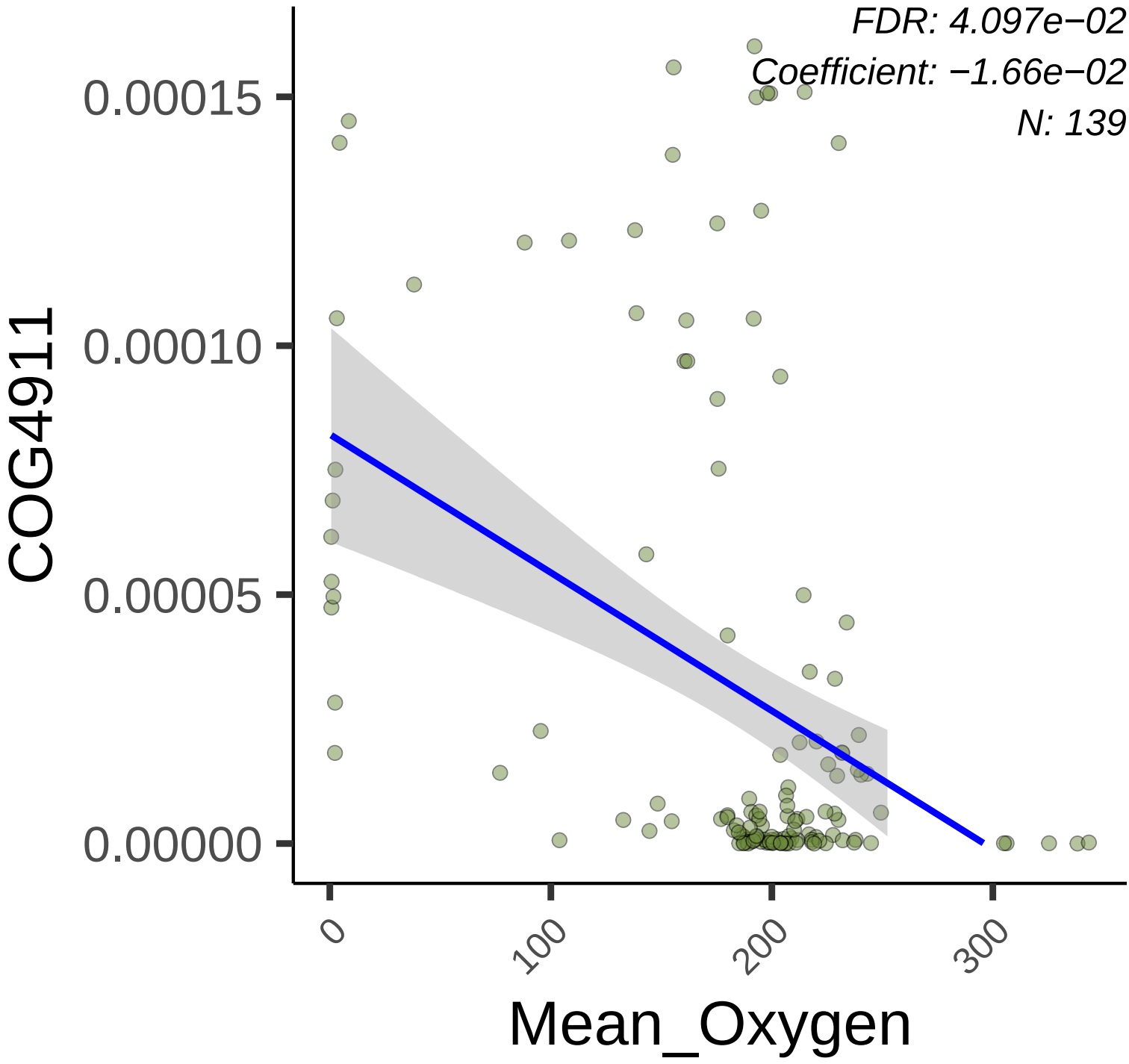
300
Mean_Oxygen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Coefficient: −1.66e−02
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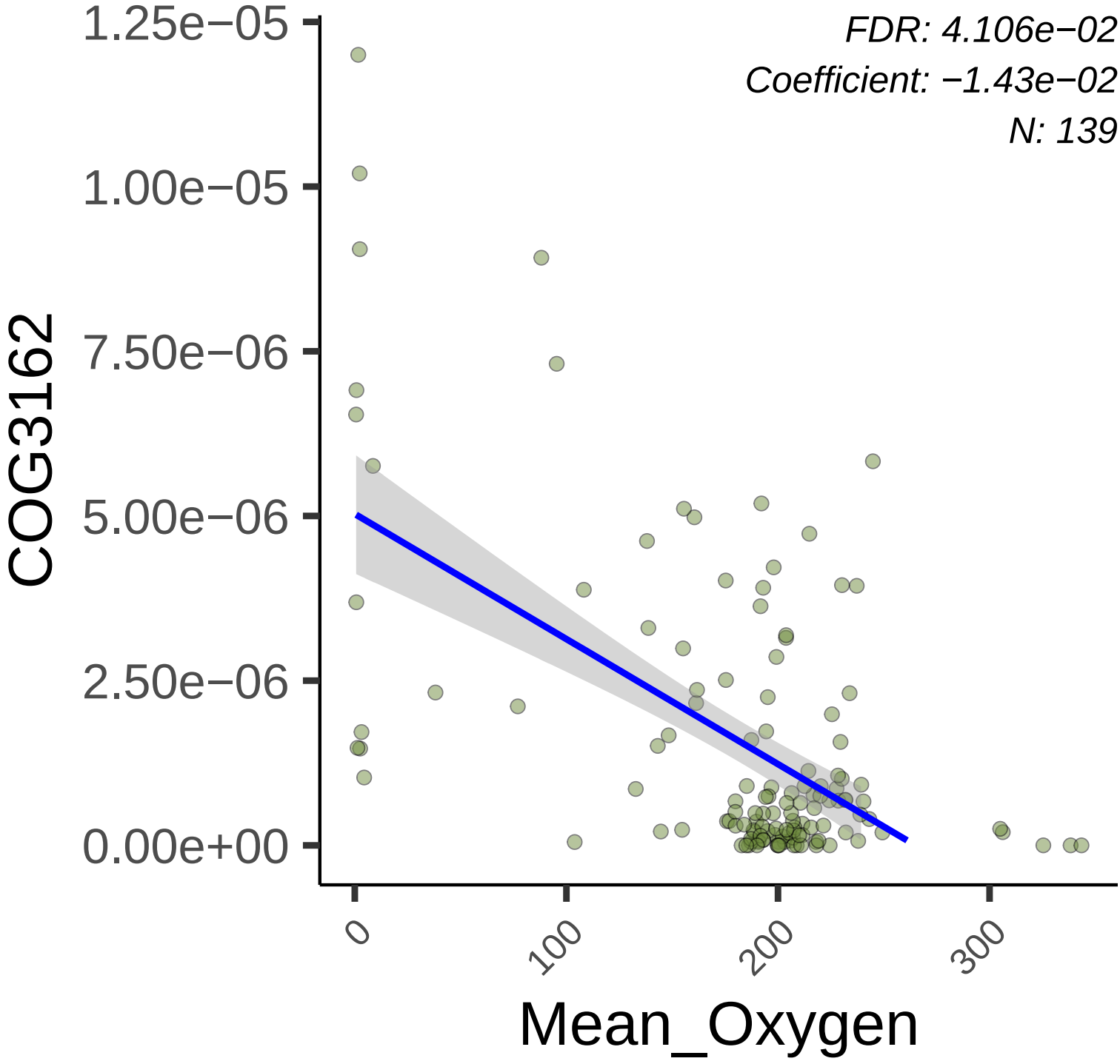
300
Mean_Oxygen


FDR: 4.106e−02
Coefficient: −1.43e−02
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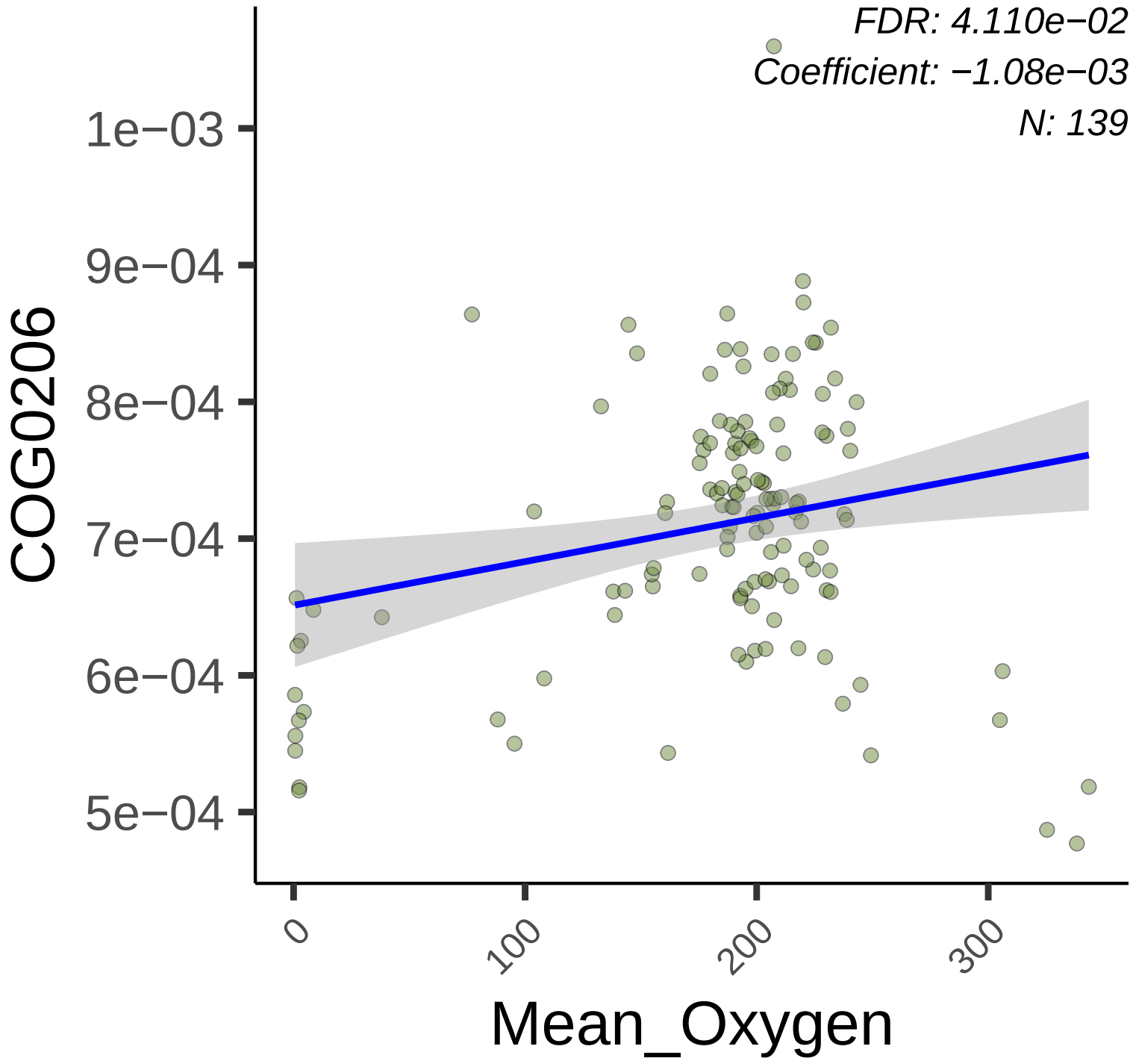
Mean_Oxygen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Coefficient: −1.08e−03
N: 139
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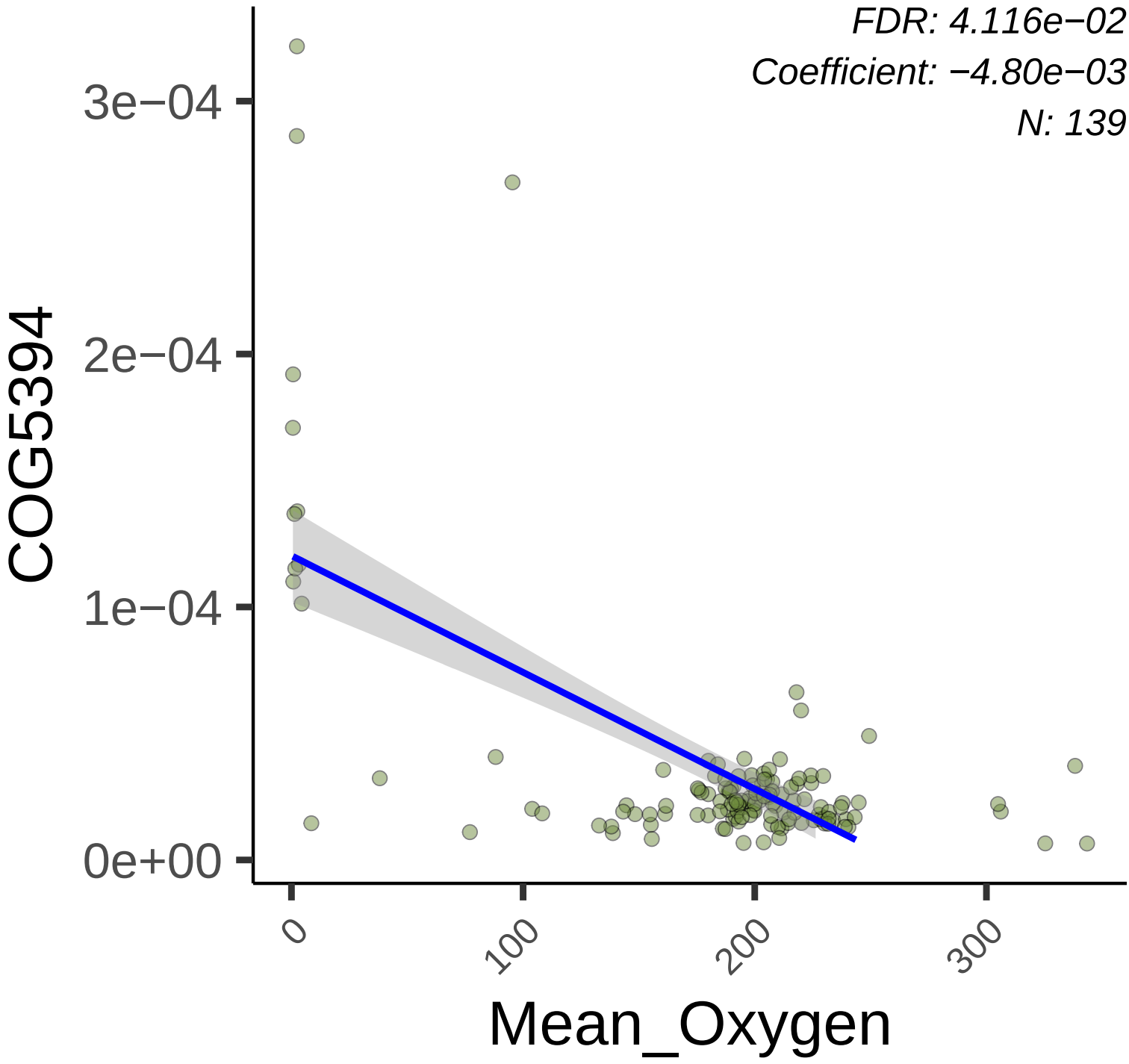
Mean_Oxygen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Coefficient: −4.80e−03
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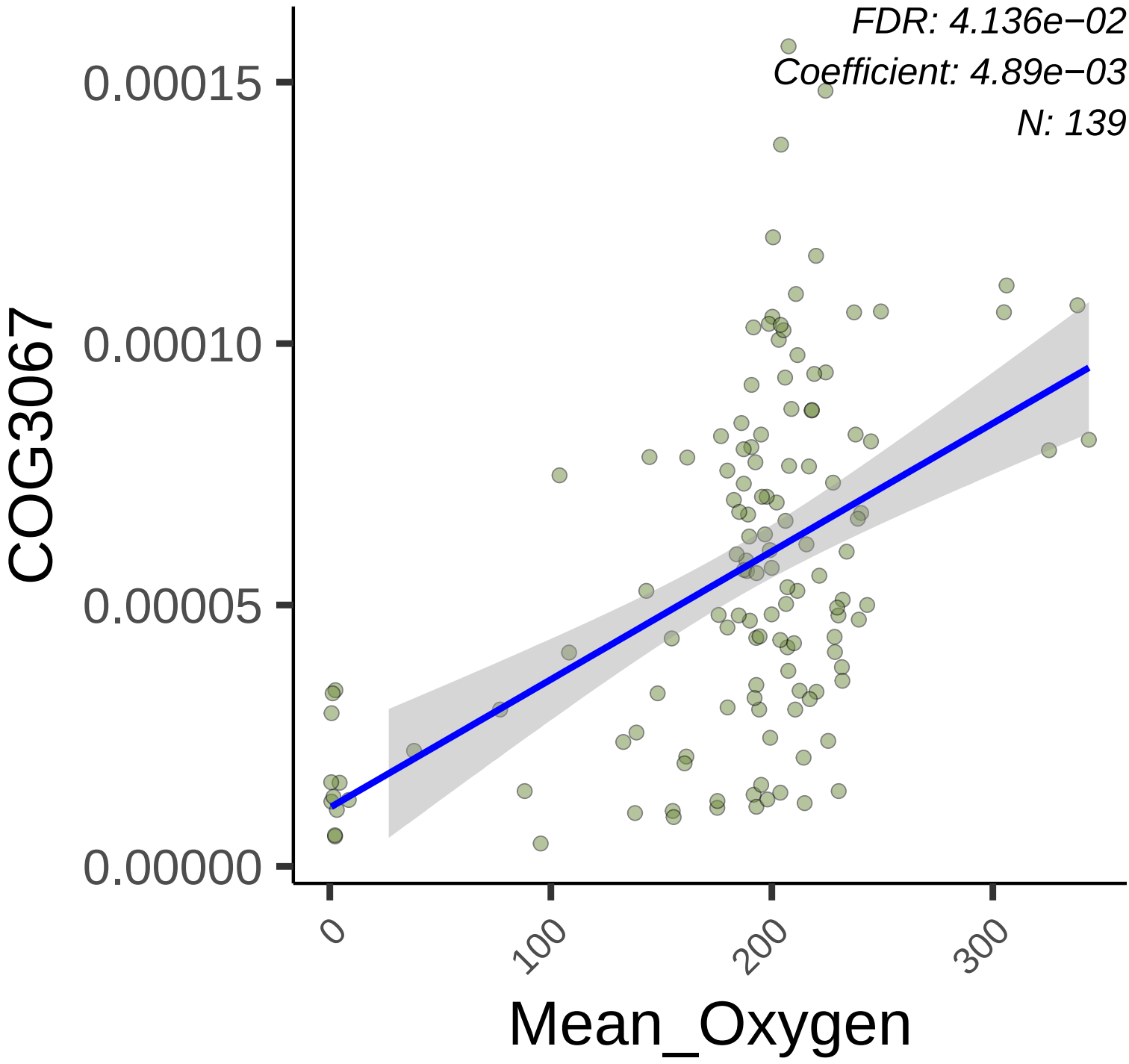
Mean_Oxygen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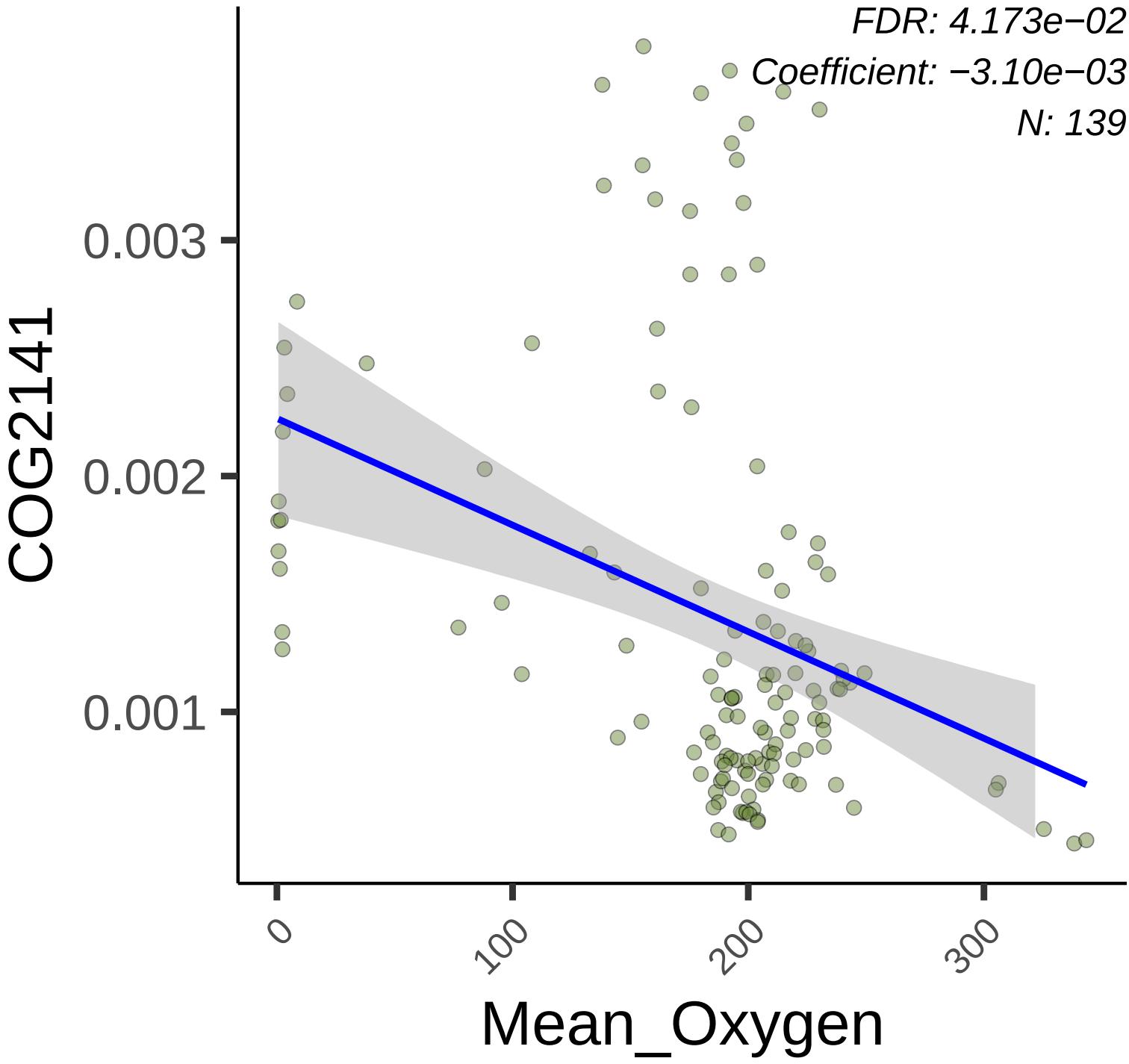
Mean_Oxygen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Coefficient: −3.10e−03
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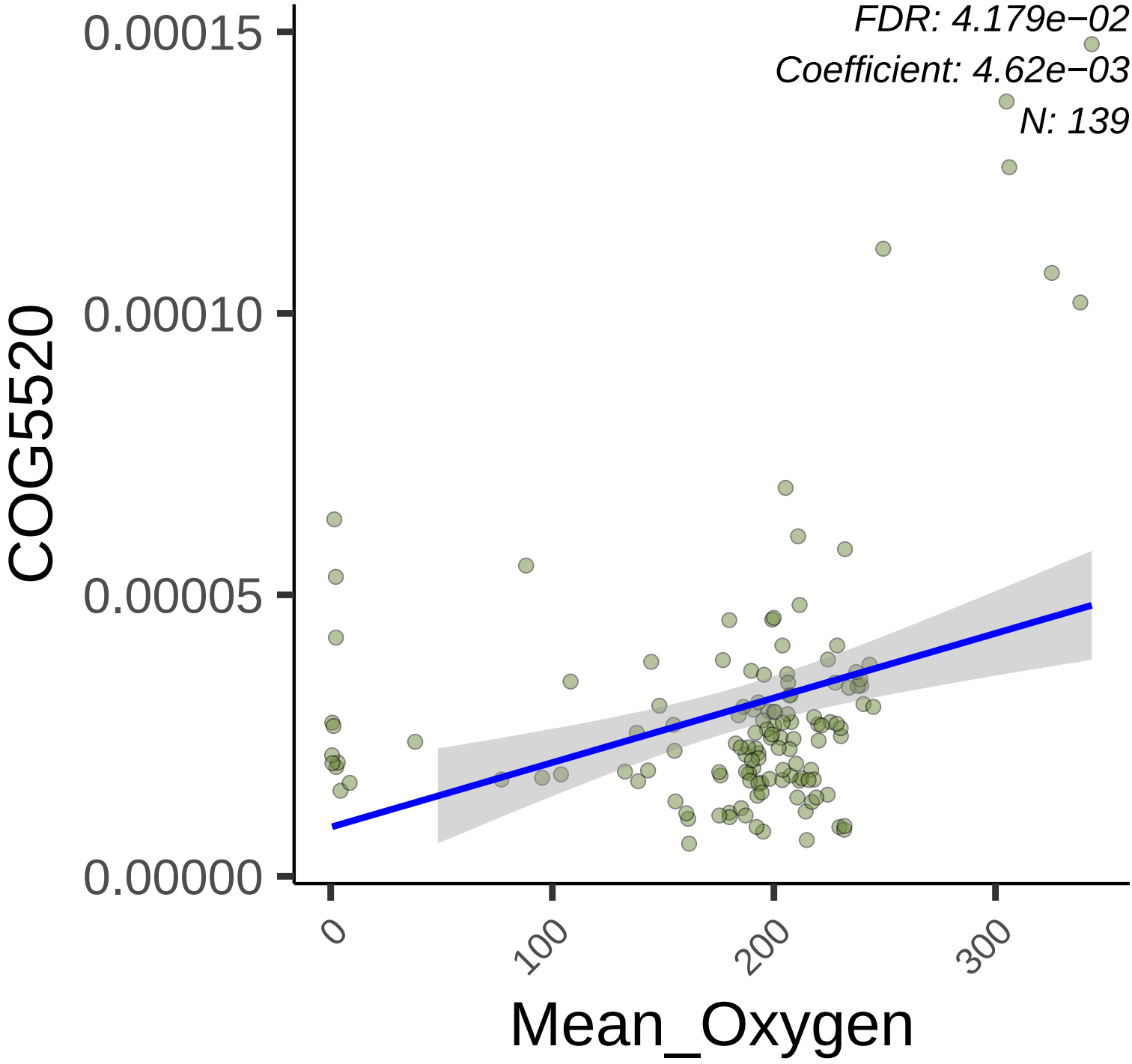
Mean_Oxygen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Coefficient: 4.62e−03
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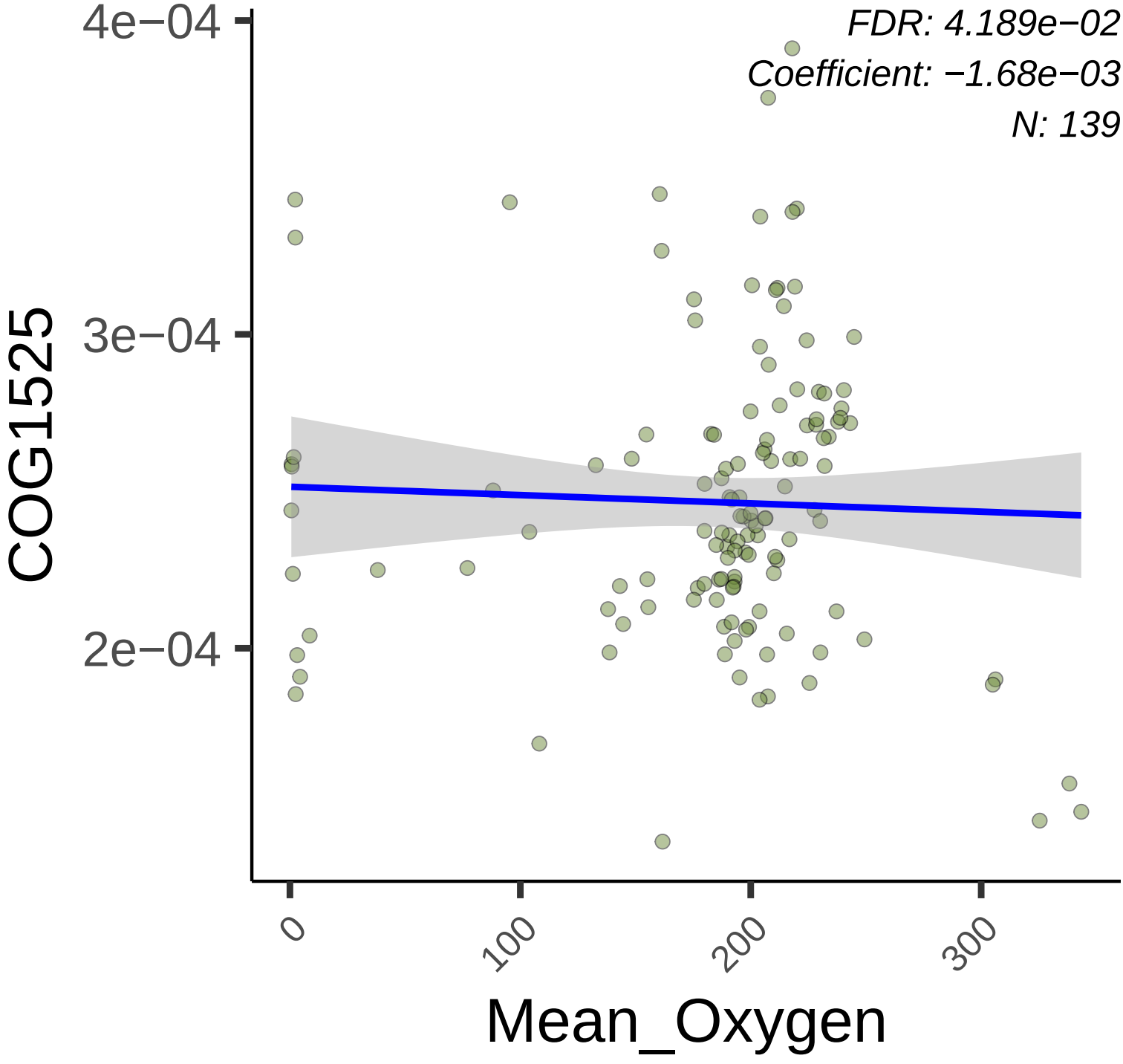
300
Mean_Oxygen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Coefficient: −1.68e−03
N: 139
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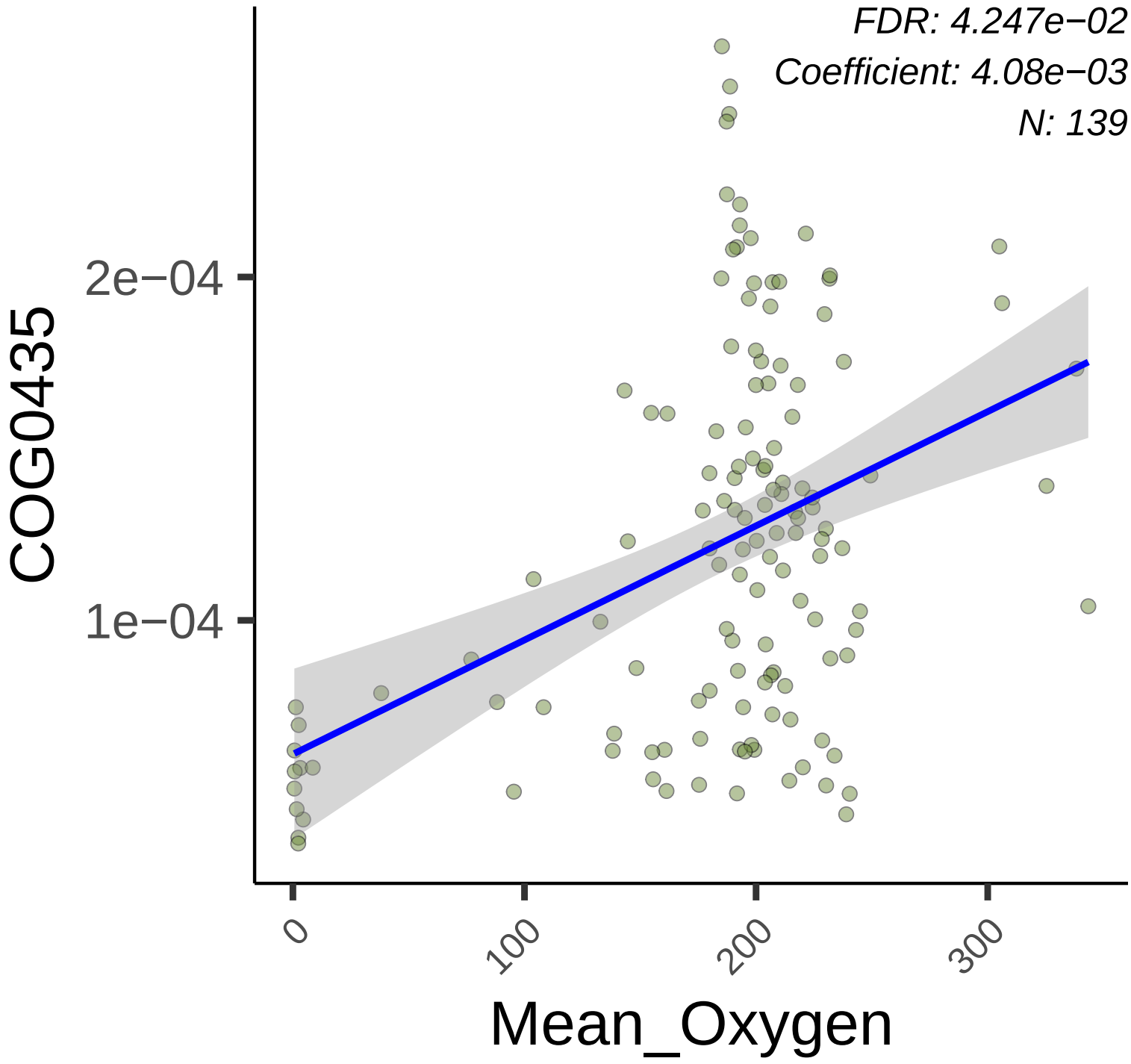
300
Mean_Oxygen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Coefficient: 4.08e−03
N: 139
COG0435
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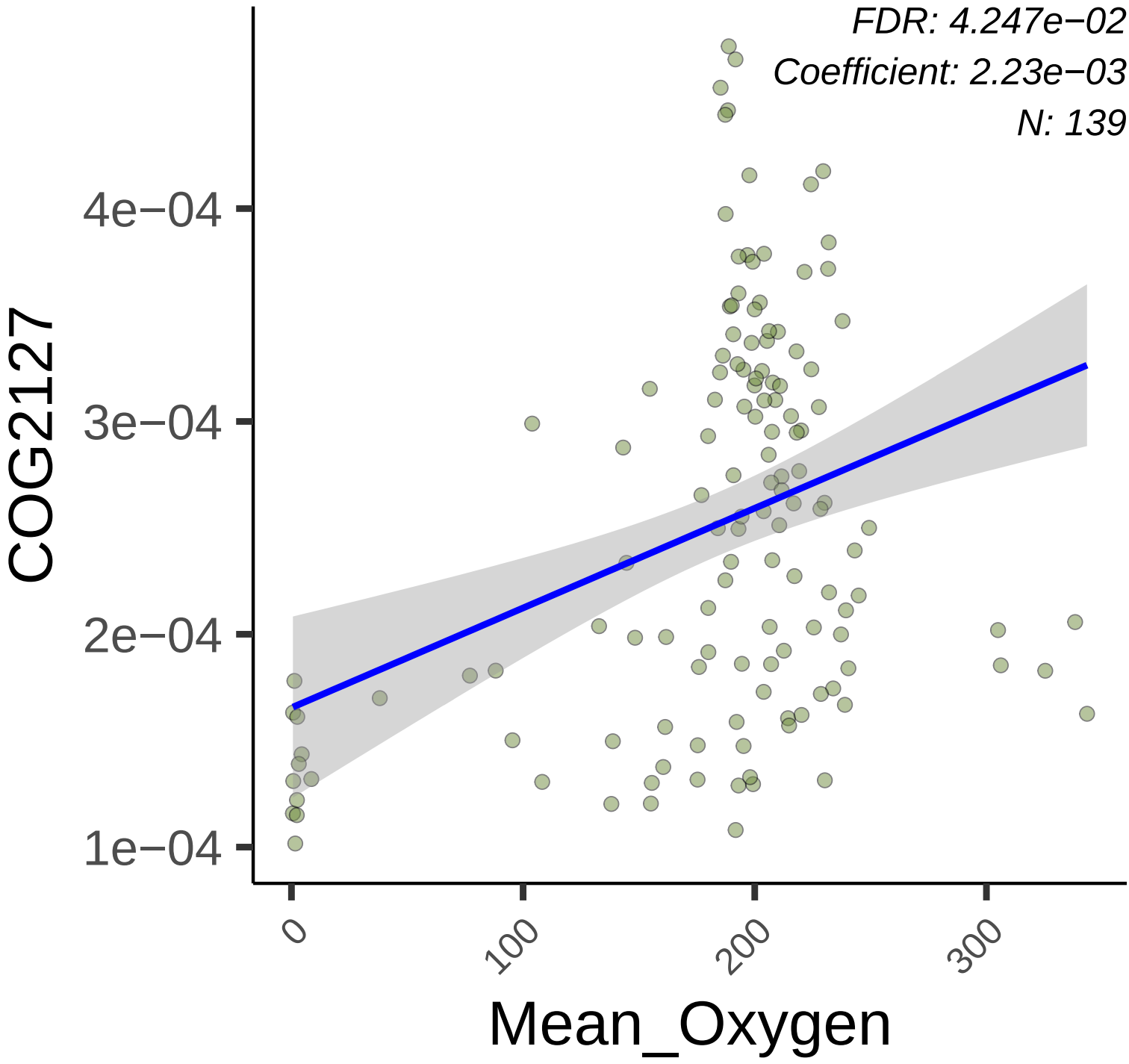
Mean_Oxygen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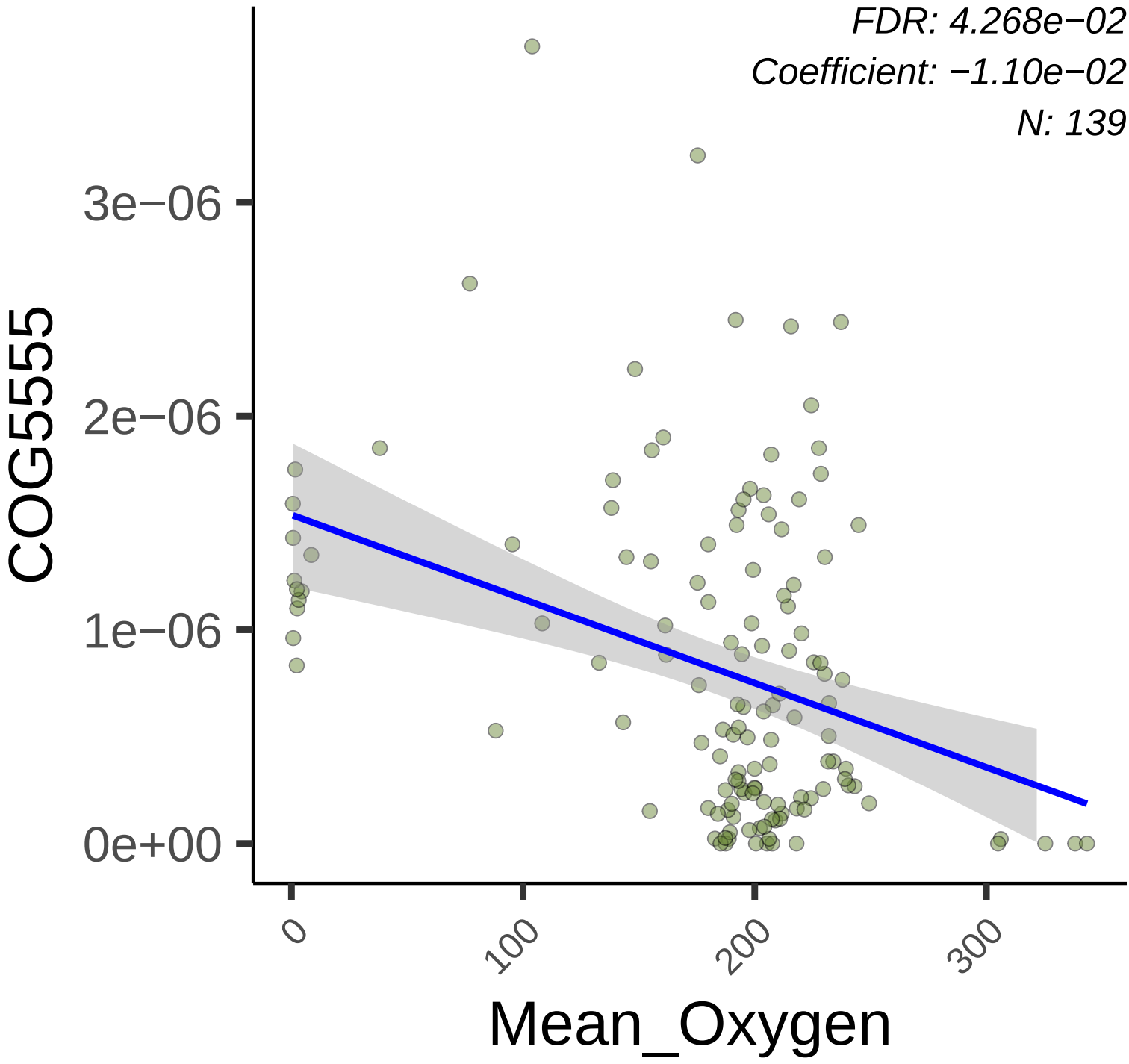
Mean_Oxygen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Coefficient: −1.10e−02
N: 139
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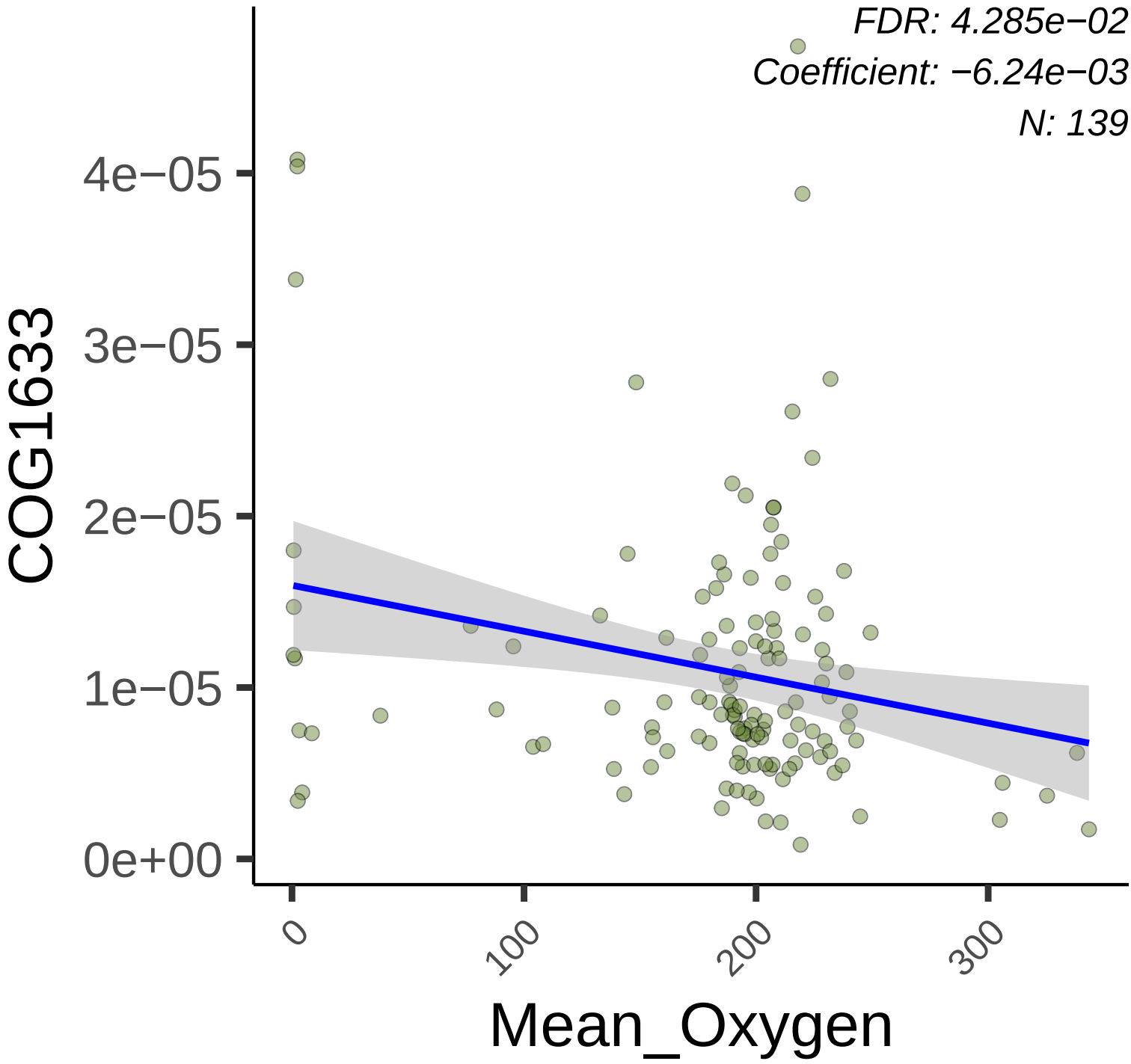
200
300
Mean_Oxygen


FDR: 4.285e−02
Coefficient: −6.24e−03
N: 139
COG1633
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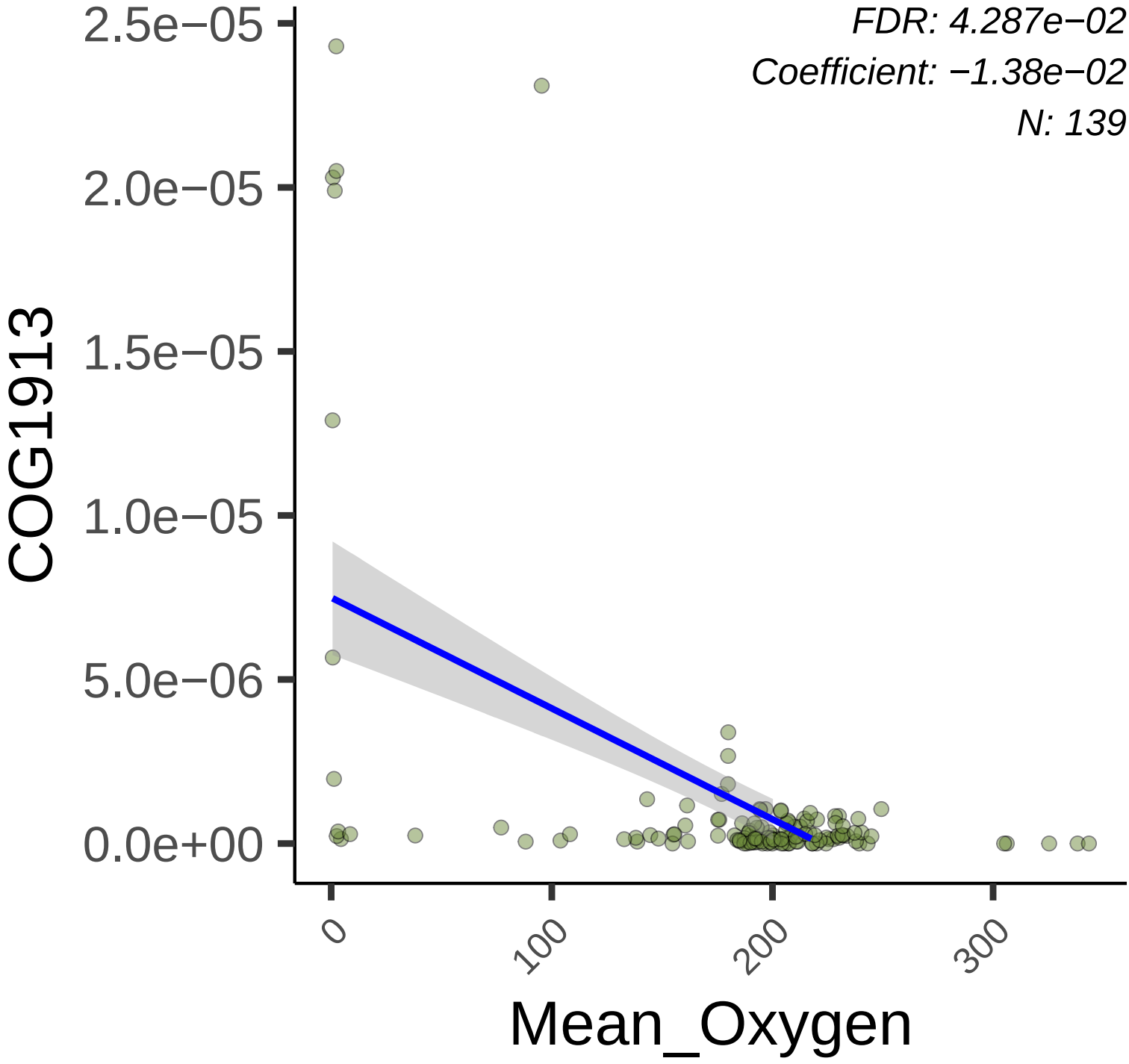
200
300
Mean_Oxygen


FDR: 4.287e−02
Coefficient: −1.38e−02
N: 139
COG1913
2.5e−05
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1.5e−05
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5.0e−06
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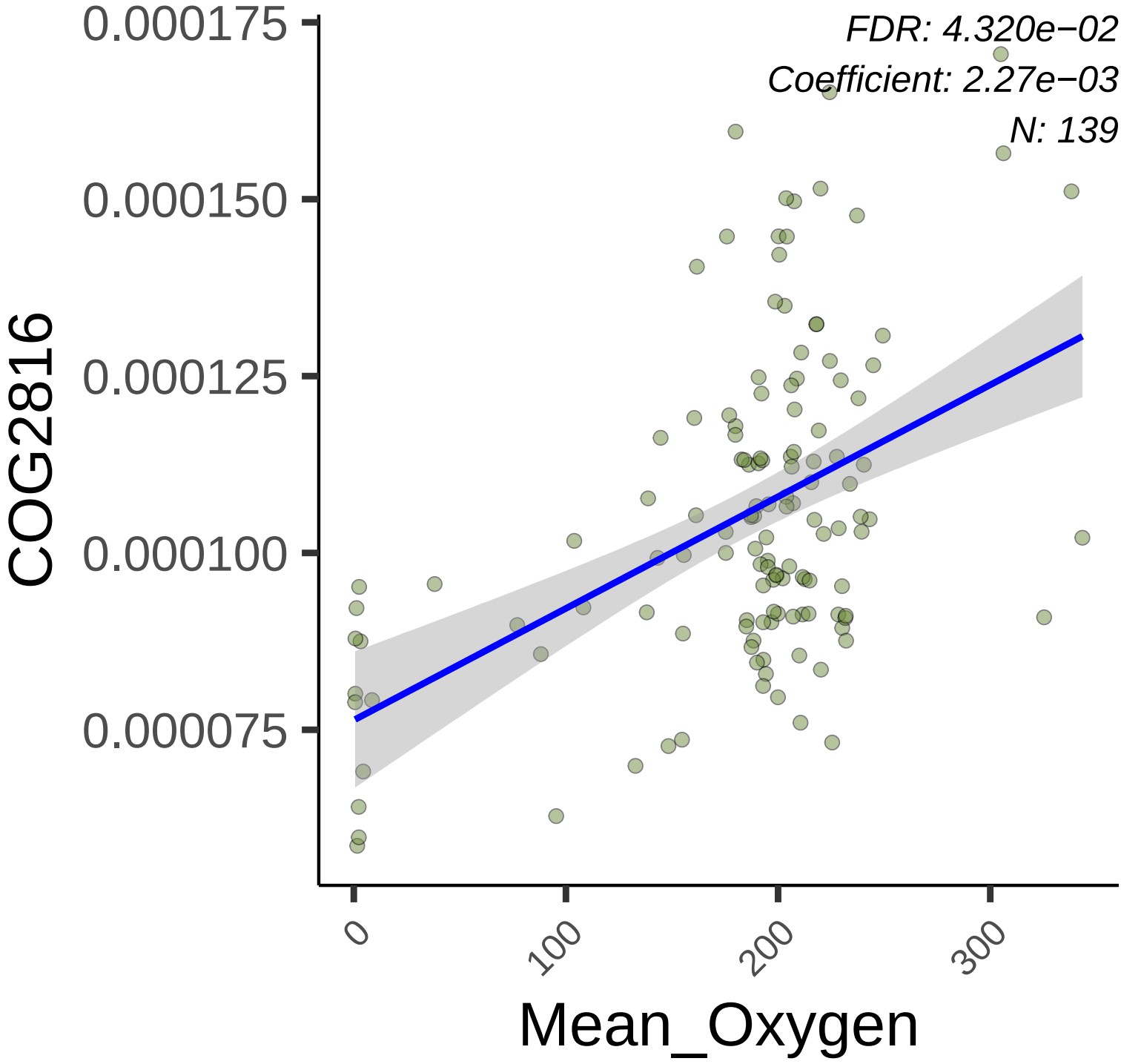
300
Mean_Oxygen


FDR: 4.320e−02
Coefficient: 2.27e−03
N: 139
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0.000150
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0.000100
0.000075
COG2816
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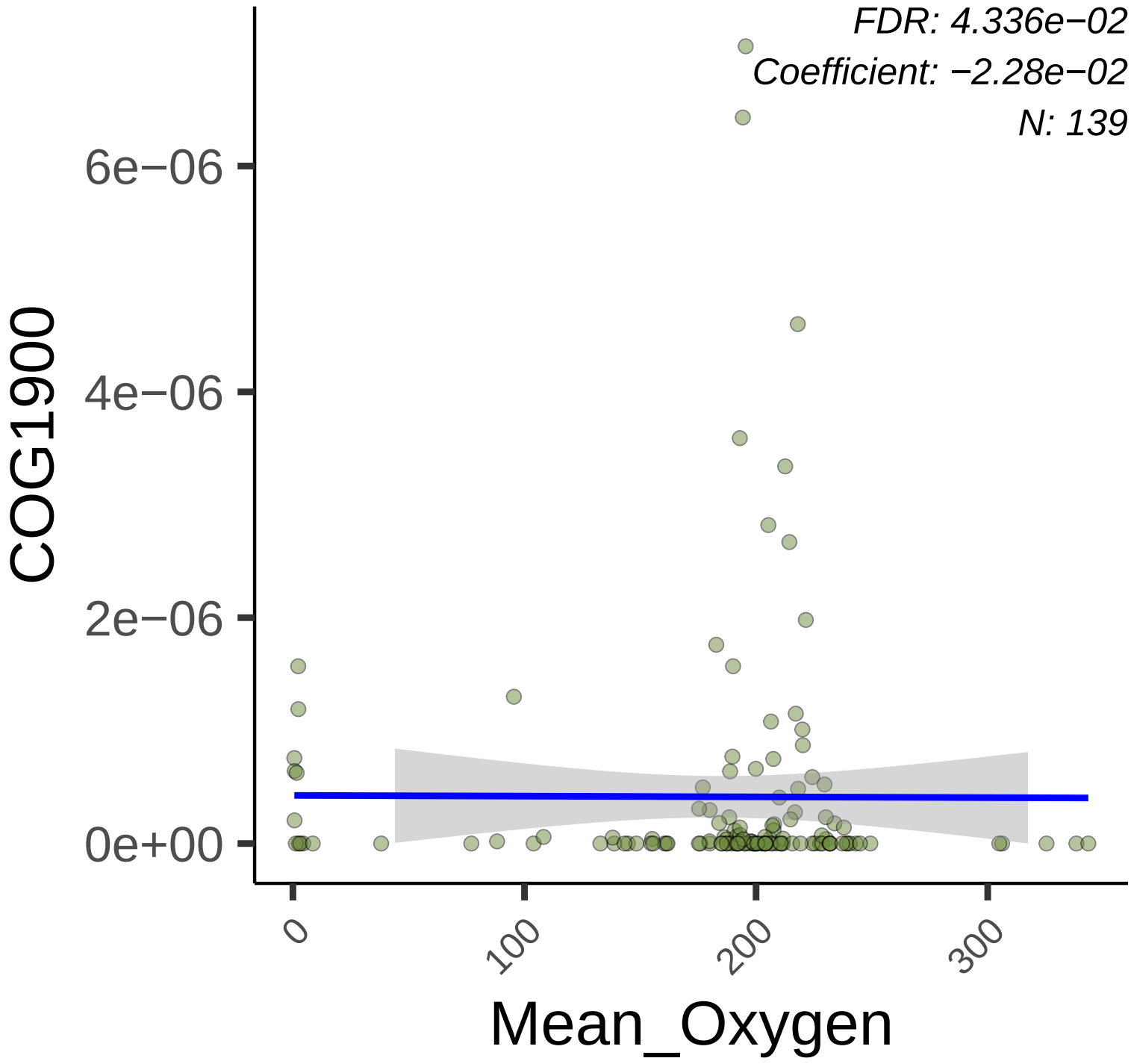
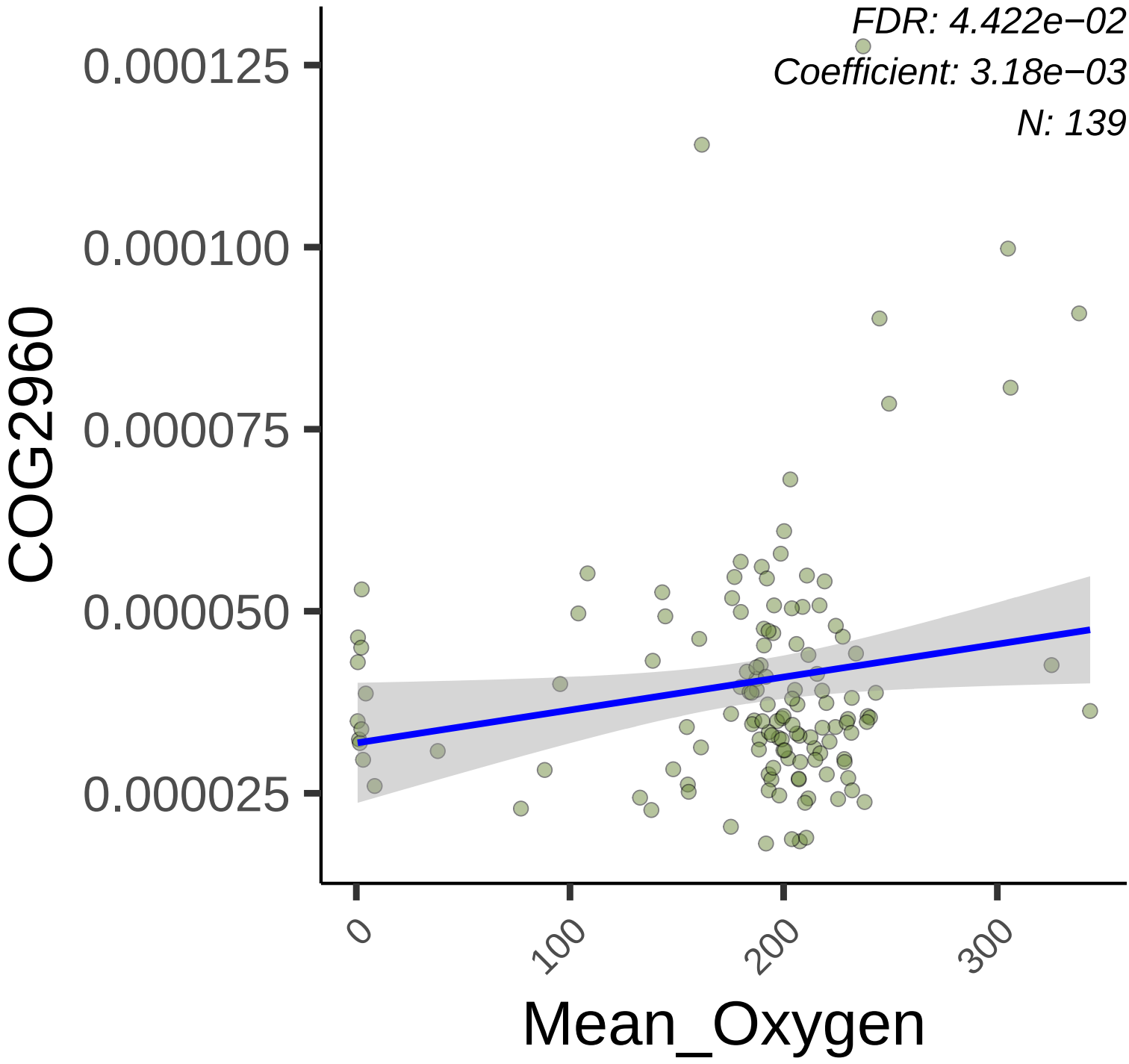
100
200
300
Mean_Oxygen


FDR: 4.336e−02
Coefficient: −2.28e−02
N: 139
COG1900
6e−06
4e−06
2e−06
0e+00
0
100
200
300
Mean_Oxygen


FDR: 4.422e−02
Coefficient: 3.18e−03
N: 139
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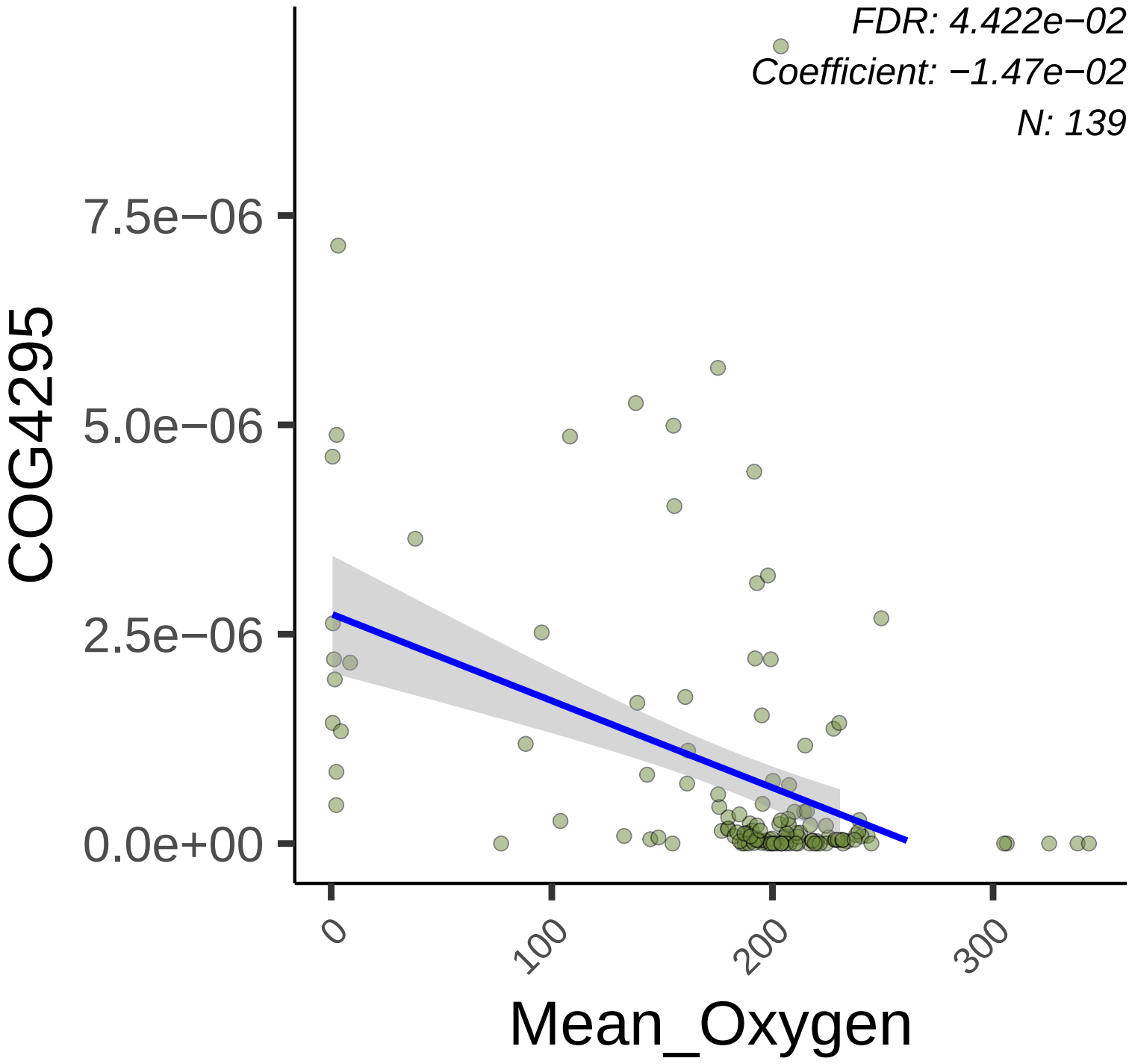
0.000100
0.000075
0.000050
0.000025
COG2960
0
100
200
300
Mean_Oxygen


FDR: 4.422e−02
Coefficient: −1.47e−02
N: 139
7.5e−06
5.0e−06
2.5e−06
0.0e+00
COG4295
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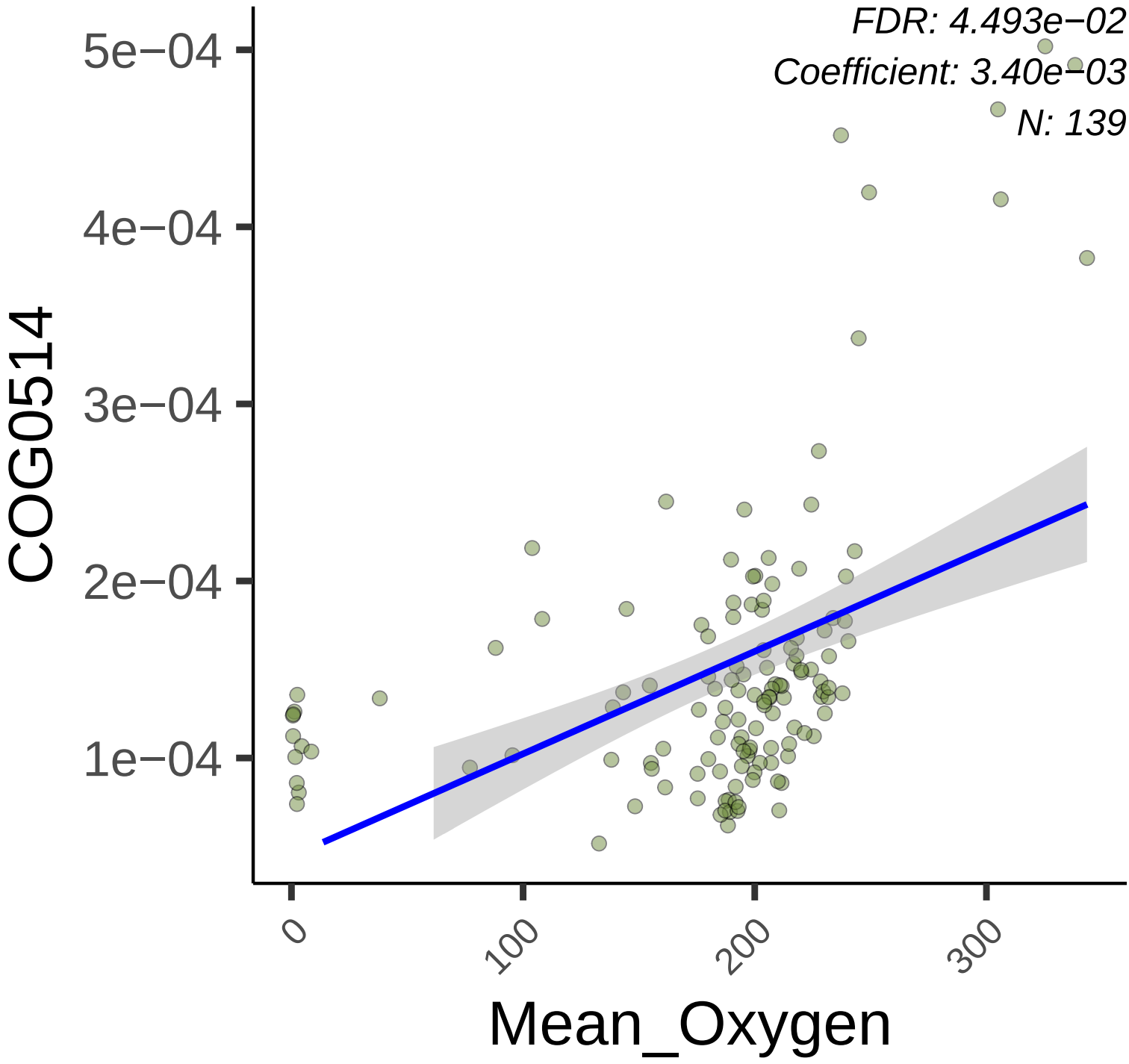
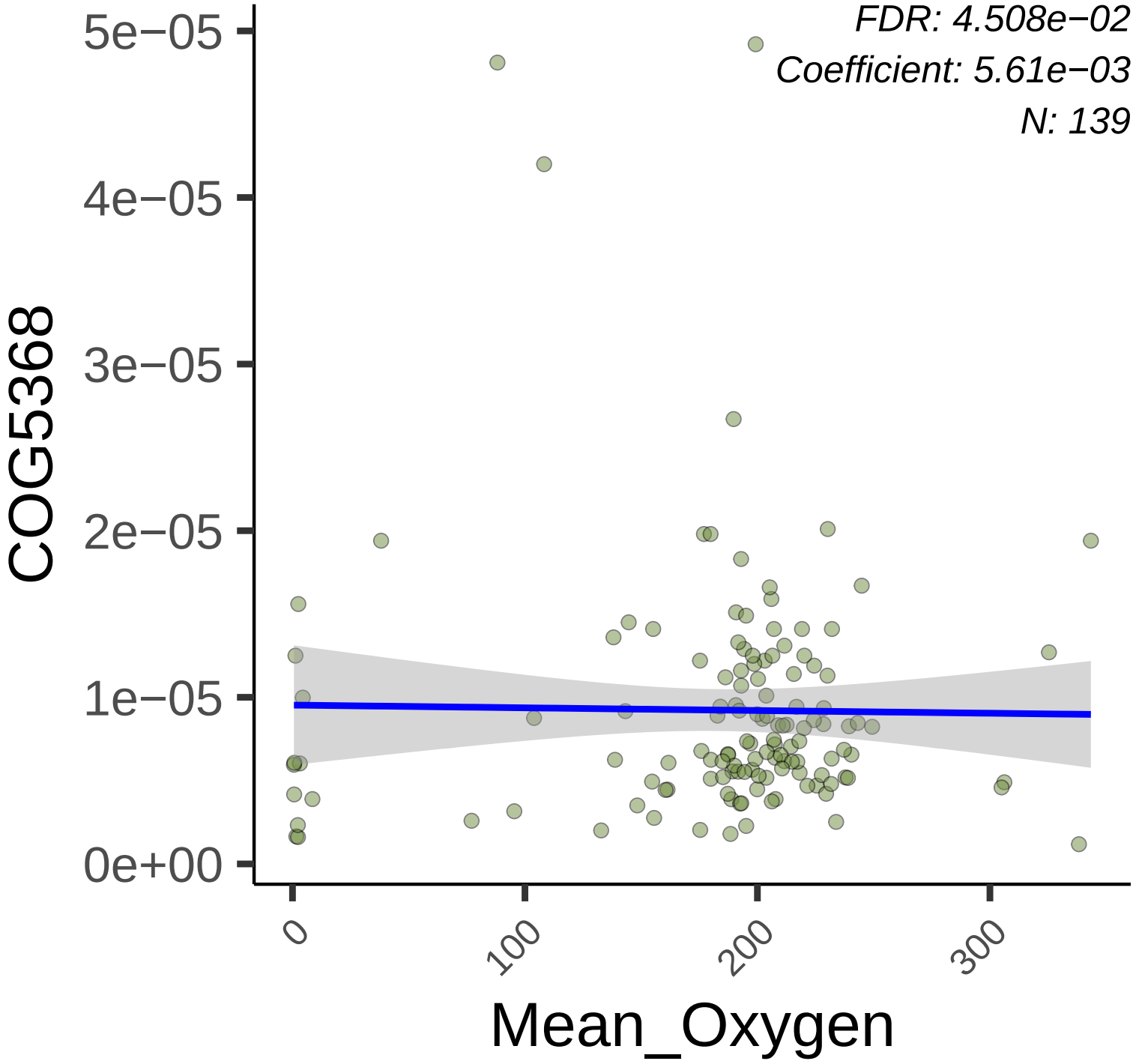
100
200
300
Mean_Oxygen


FDR: 4.493e−02
Coefficient: 3.40e−03
N: 139
5e−04
4e−04
3e−04
2e−04
1e−04
COG0514
0
100
200
300
Mean_Oxygen


FDR: 4.508e−02
Coefficient: 5.61e−03
N: 139
COG5368
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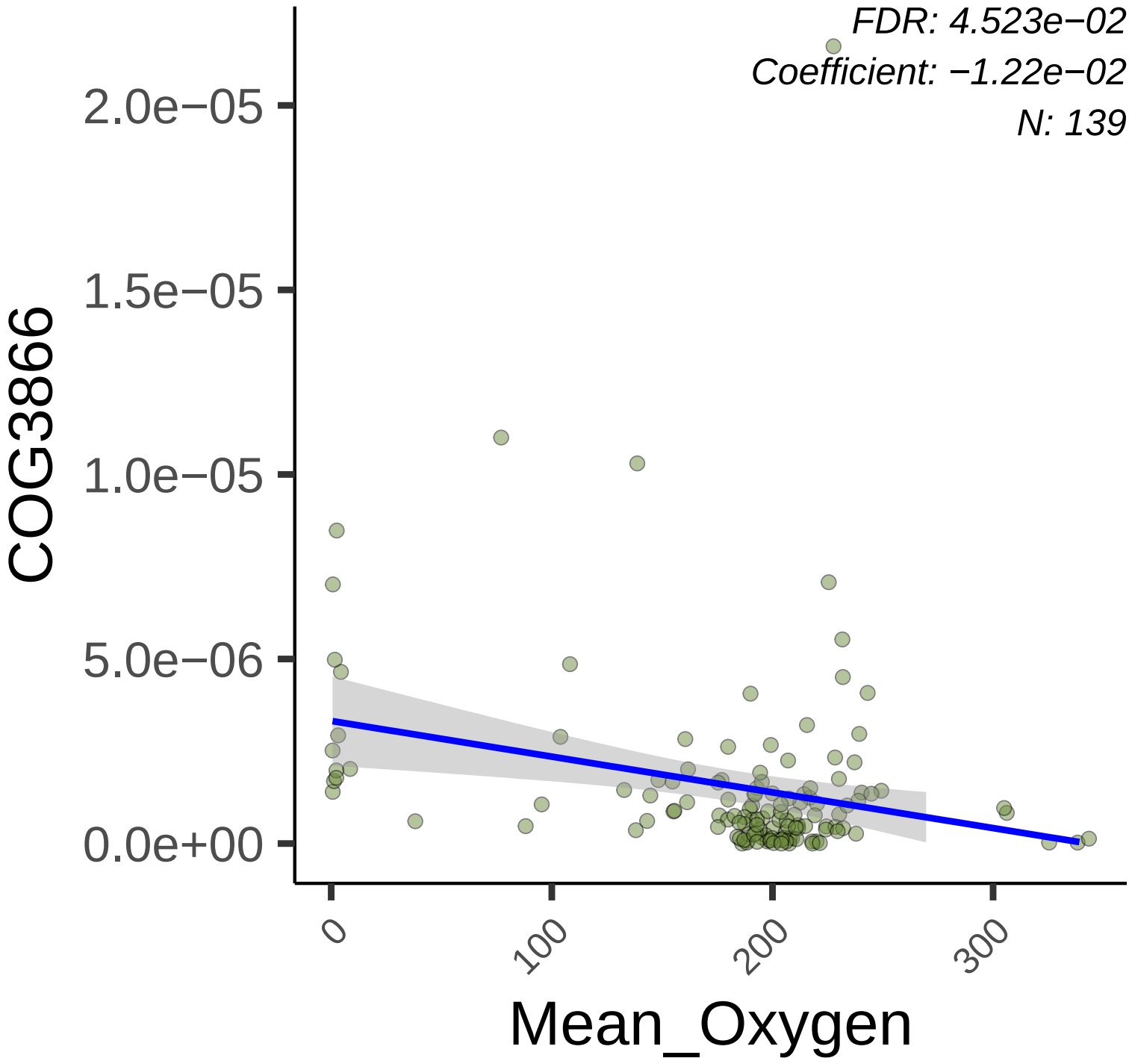
4e−05
3e−05
2e−05
1e−05
0e+00
0
100
200
300
Mean_Oxygen


FDR: 4.523e−02
Coefficient: −1.22e−02
N: 139
COG3866
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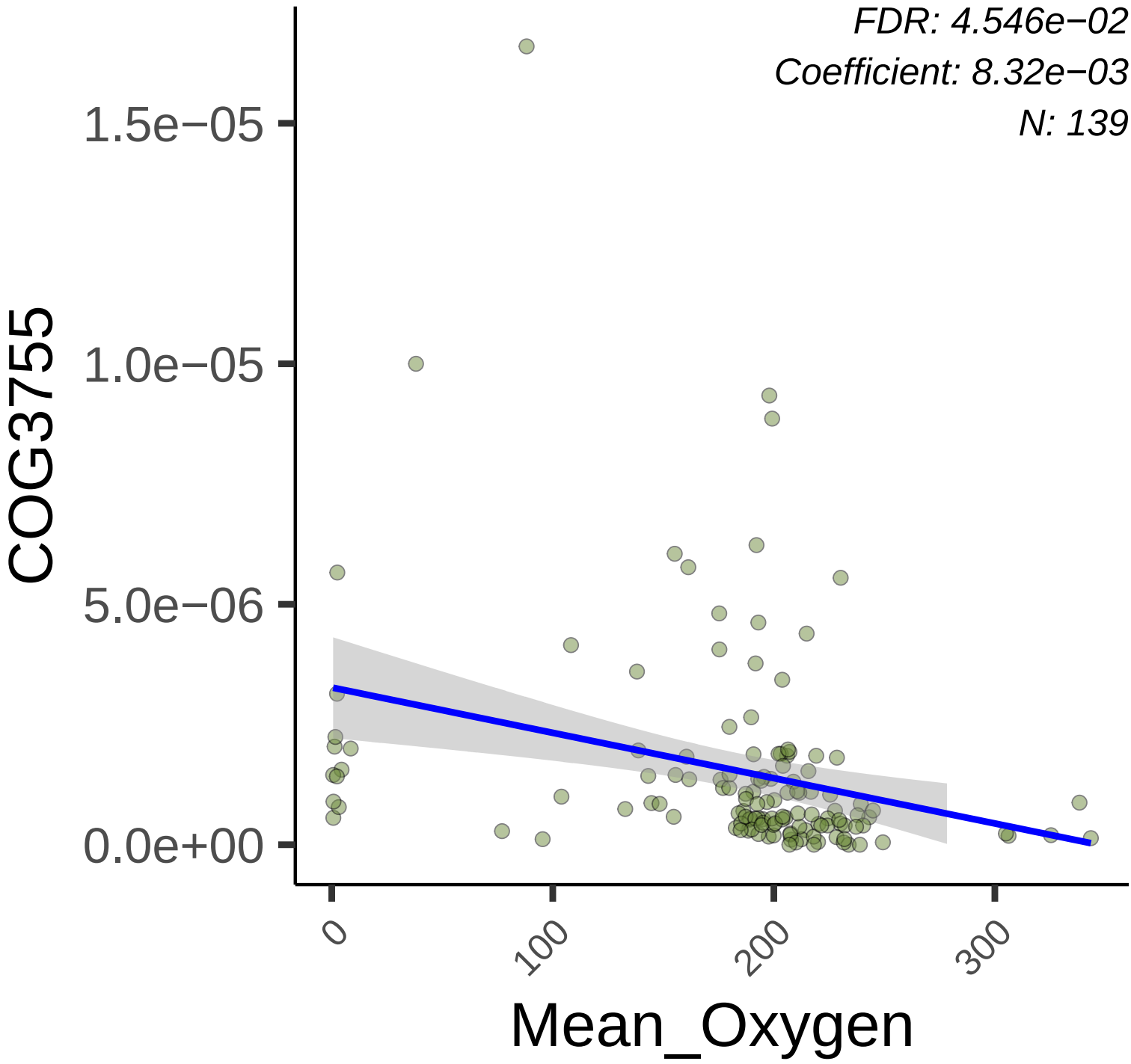
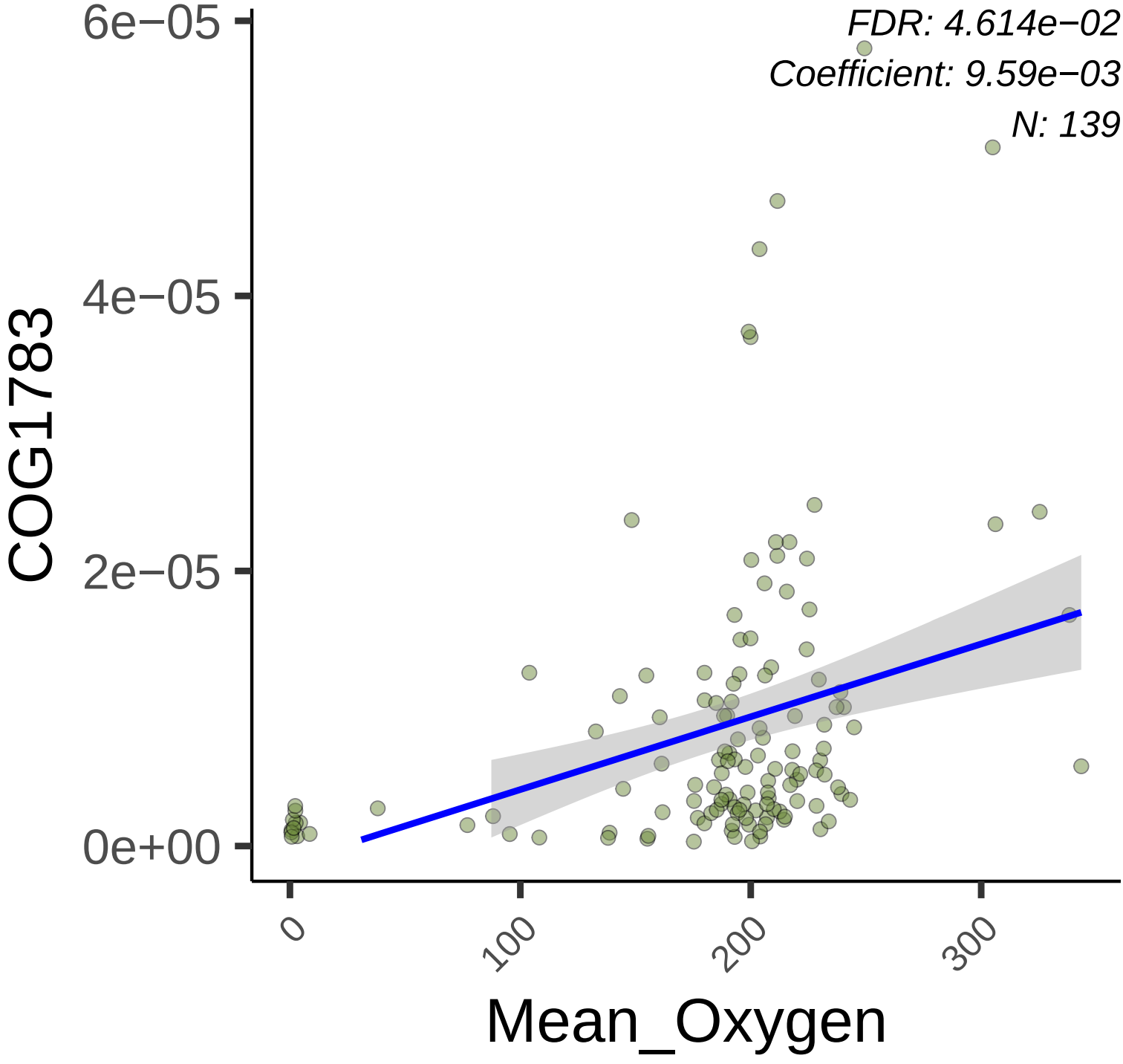
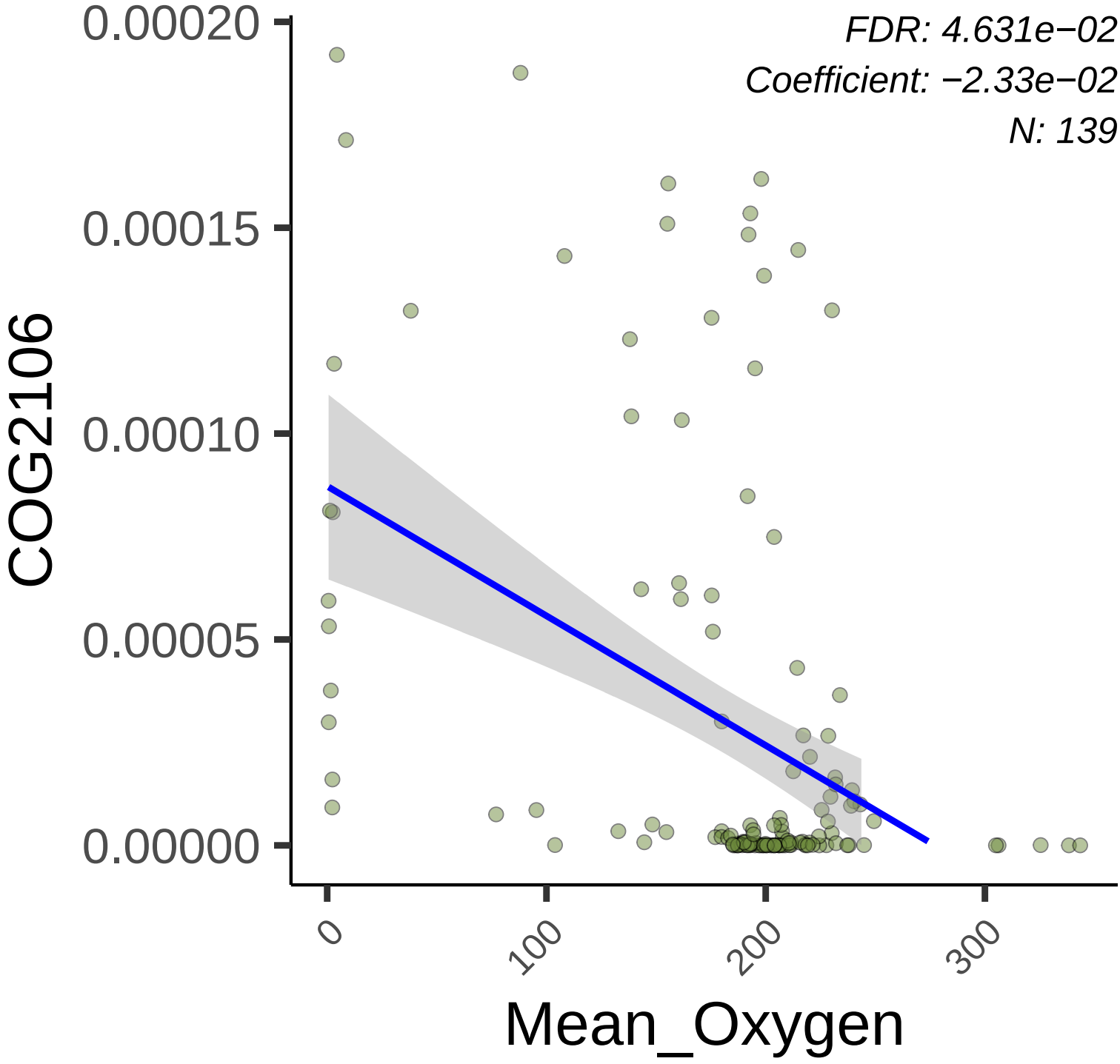
1.5e−05
1.0e−05
5.0e−06
0.0e+00
0
100
200
300
Mean_Oxygen


FDR: 4.546e−02
Coefficient: 8.32e−03
N: 139
COG3755
1.5e−05
1.0e−05
5.0e−06
0.0e+00
0
100
200
300
Mean_Oxygen


FDR: 4.614e−02
Coefficient: 9.59e−03
N: 139
6e−05
4e−05
2e−05
0e+00
COG1783
0
100
200
300
Mean_Oxygen


FDR: 4.631e−02
Coefficient: −2.33e−02
N: 139
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0.00015
0.00010
0.00005
0.00000
COG2106
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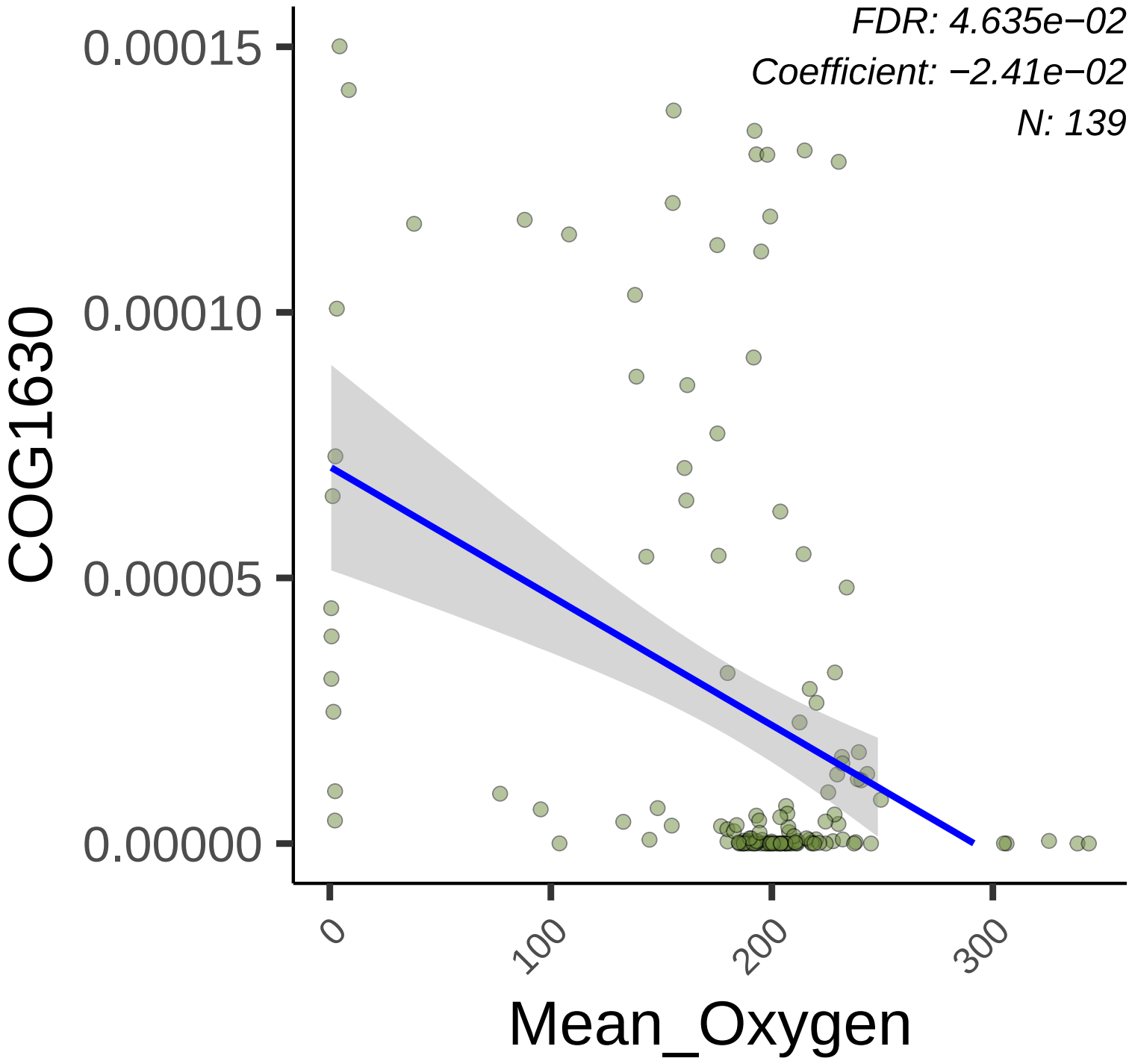
100
200
300
Mean_Oxygen


FDR: 4.635e−02
Coefficient: −2.41e−02
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0.00005
0.00000
COG1630
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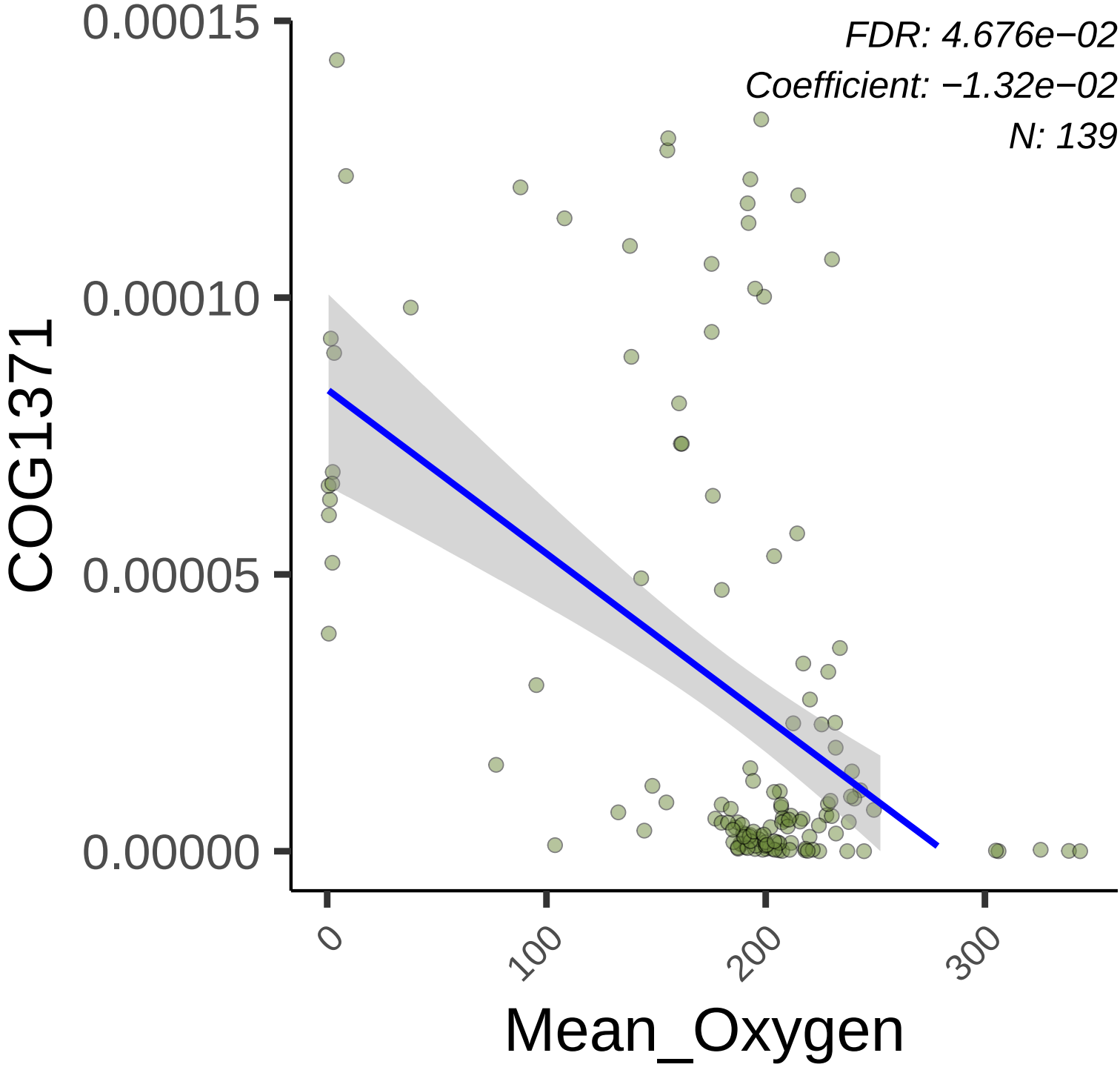
200
300
Mean_Oxygen


FDR: 4.676e−02
Coefficient: −1.32e−02
N: 139
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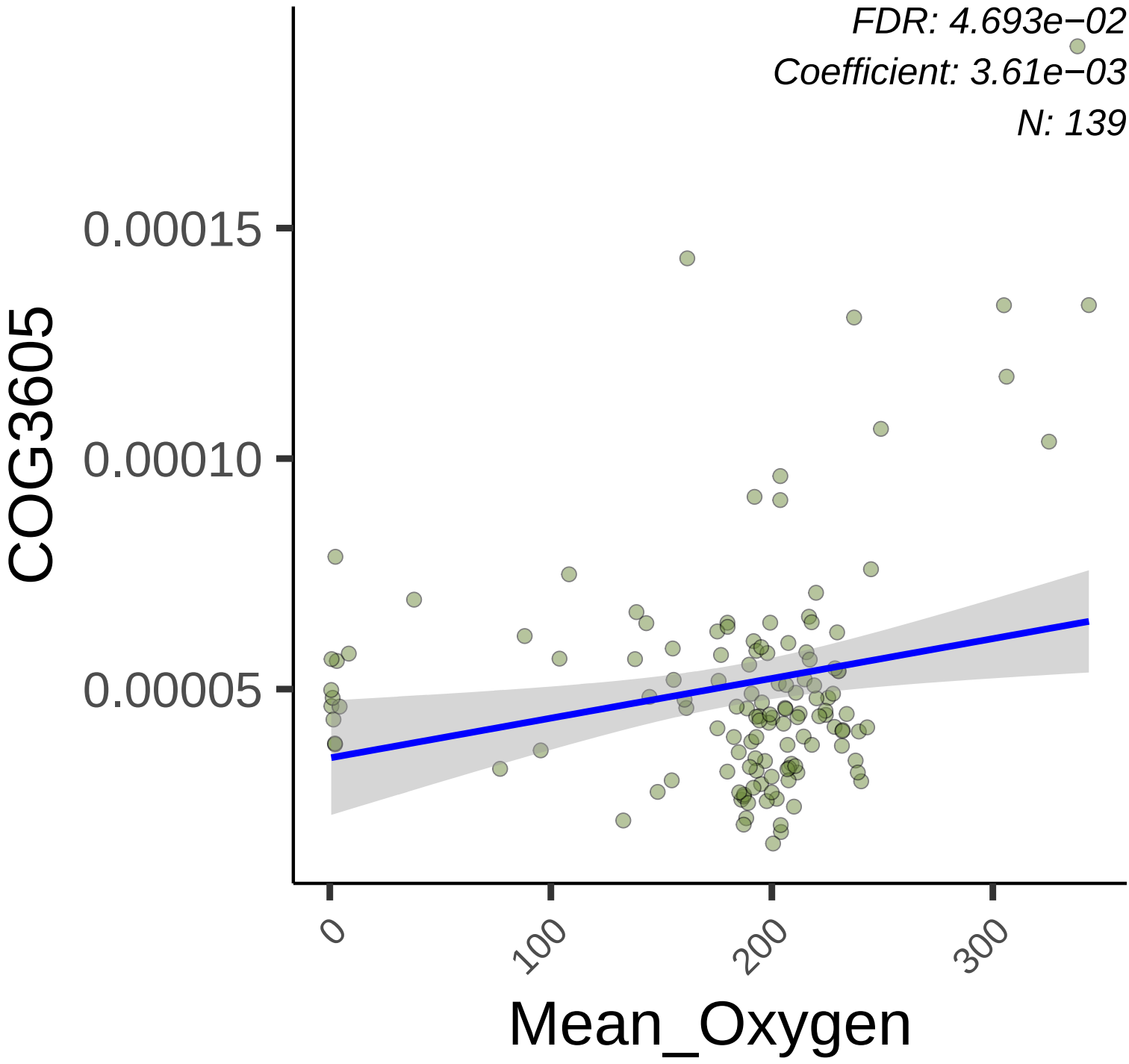
0.00005
0.00000
COG1371
0
100
200
300
Mean_Oxygen


FDR: 4.693e−02
Coefficient: 3.61e−03
N: 139
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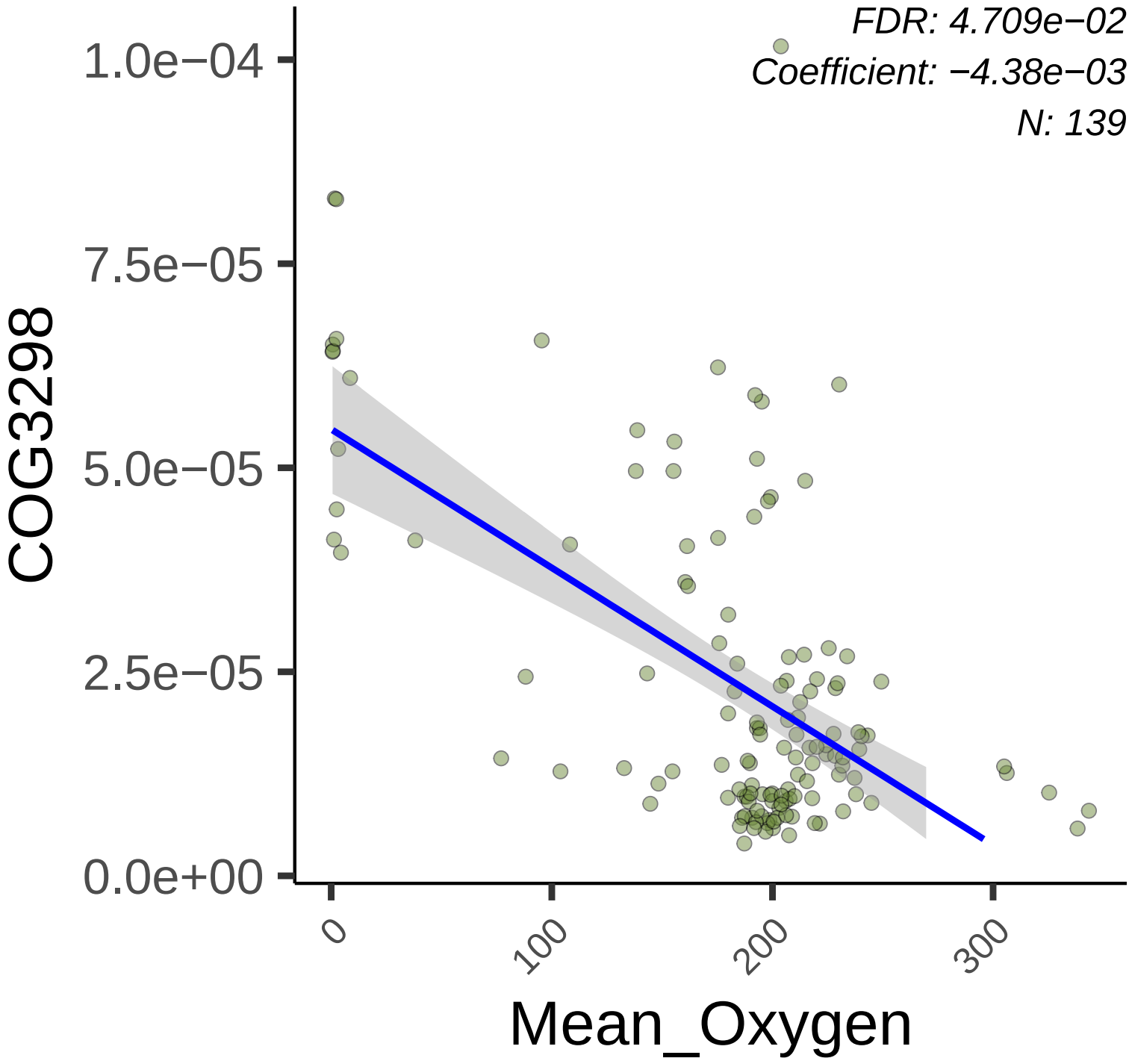
0.00005
0
100
200
300
Mean_Oxygen


FDR: 4.709e−02
Coefficient: −4.38e−03
N: 139
1.0e−04
7.5e−05
5.0e−05
2.5e−05
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COG3298
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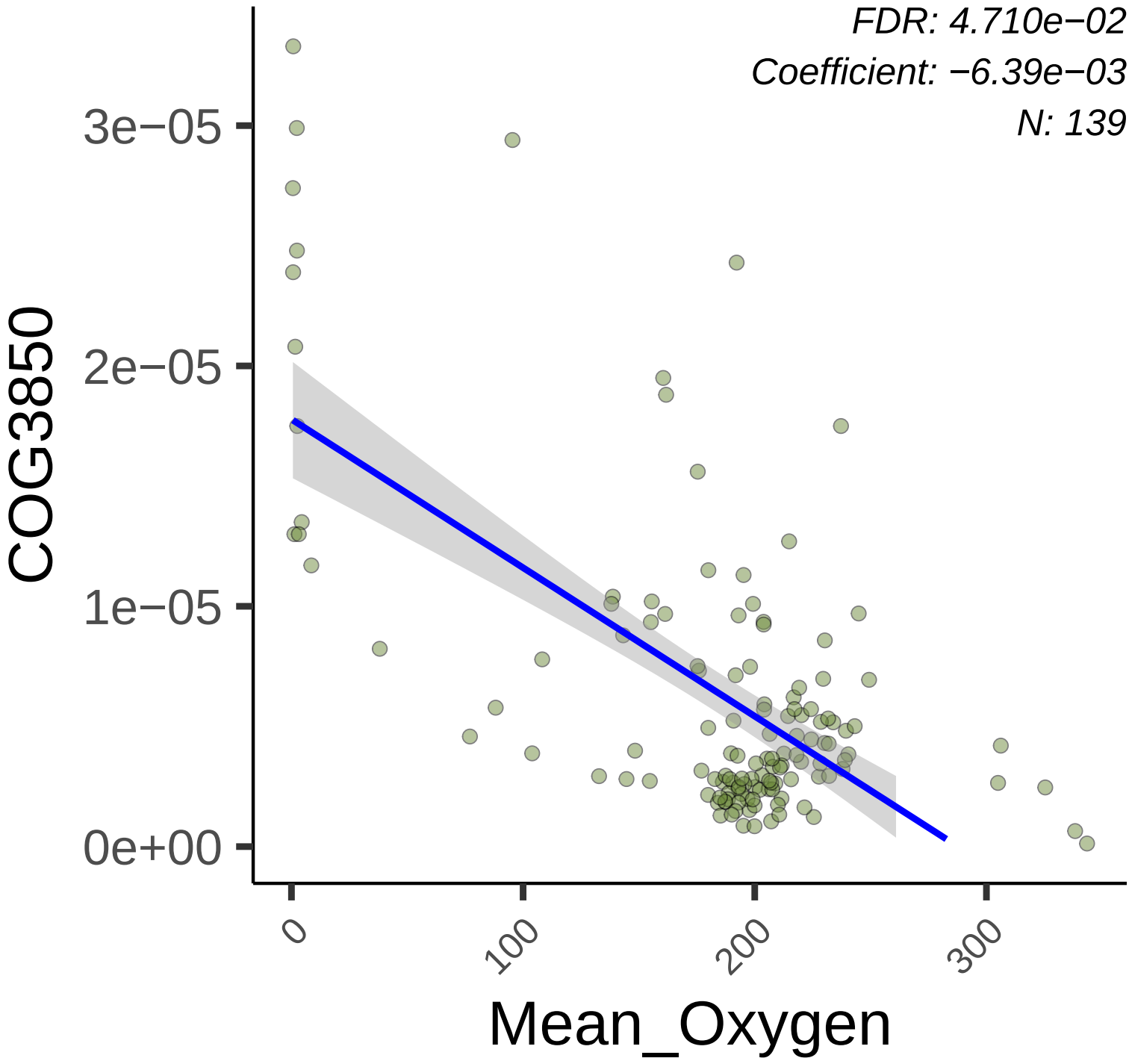
100
200
300
Mean_Oxygen


FDR: 4.710e−02
Coefficient: −6.39e−03
N: 139
COG3850
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2e−05
1e−05
0e+00
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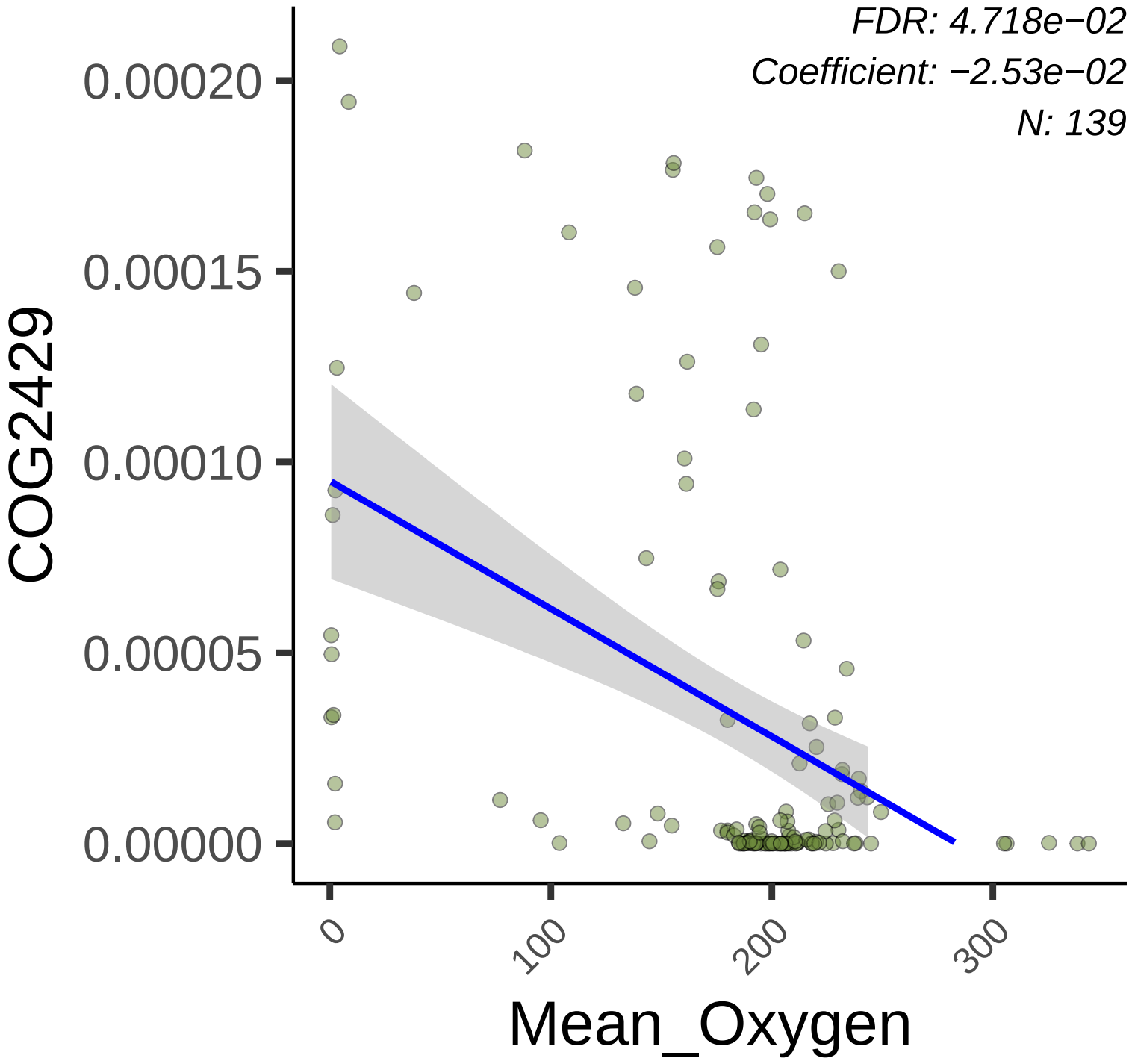
100
200
300
Mean_Oxygen


FDR: 4.718e−02
Coefficient: −2.53e−02
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0.00010
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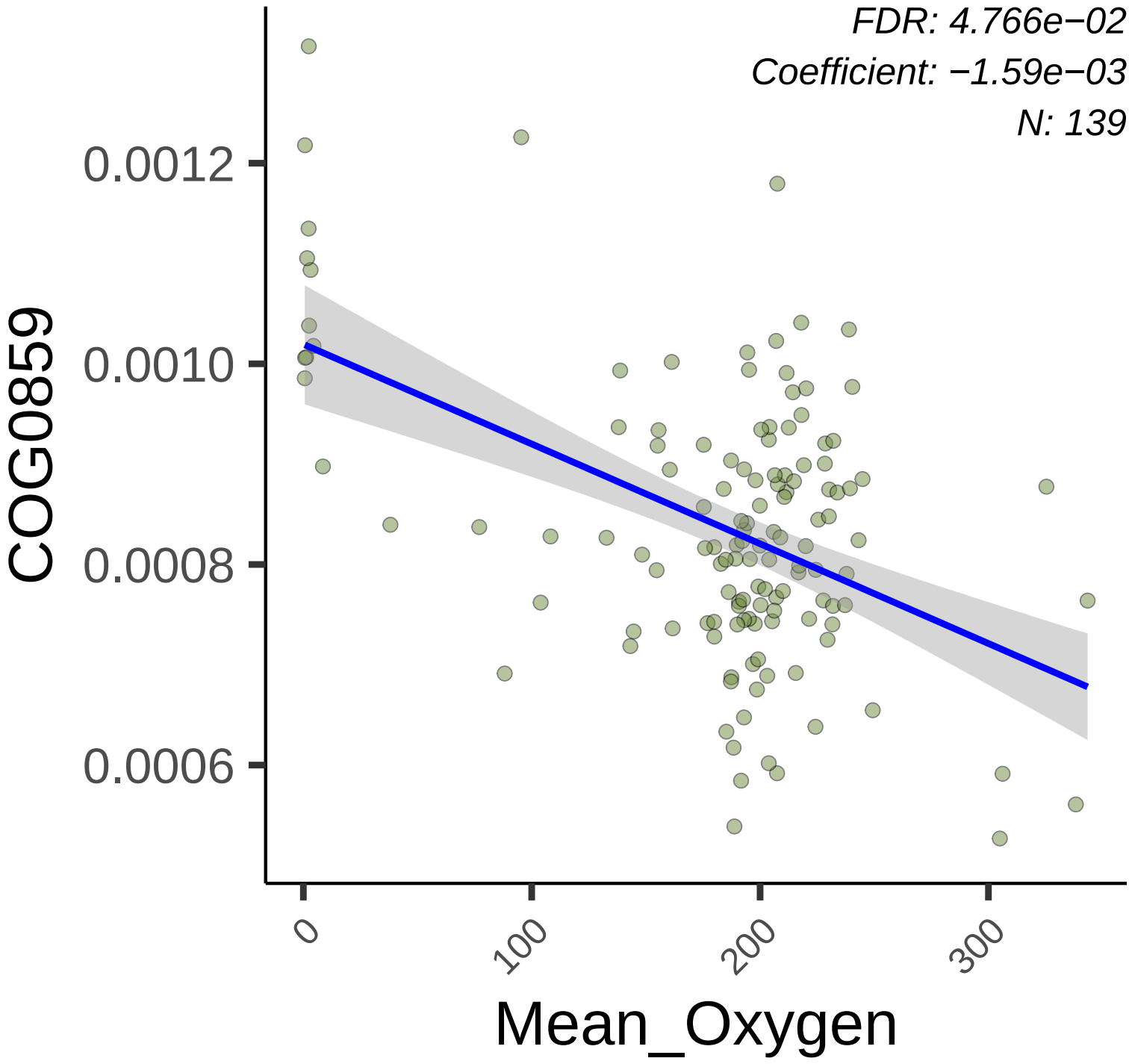
200
300
Mean_Oxygen


FDR: 4.766e−02
Coefficient: −1.59e−03
N: 139
COG0859
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0.0006
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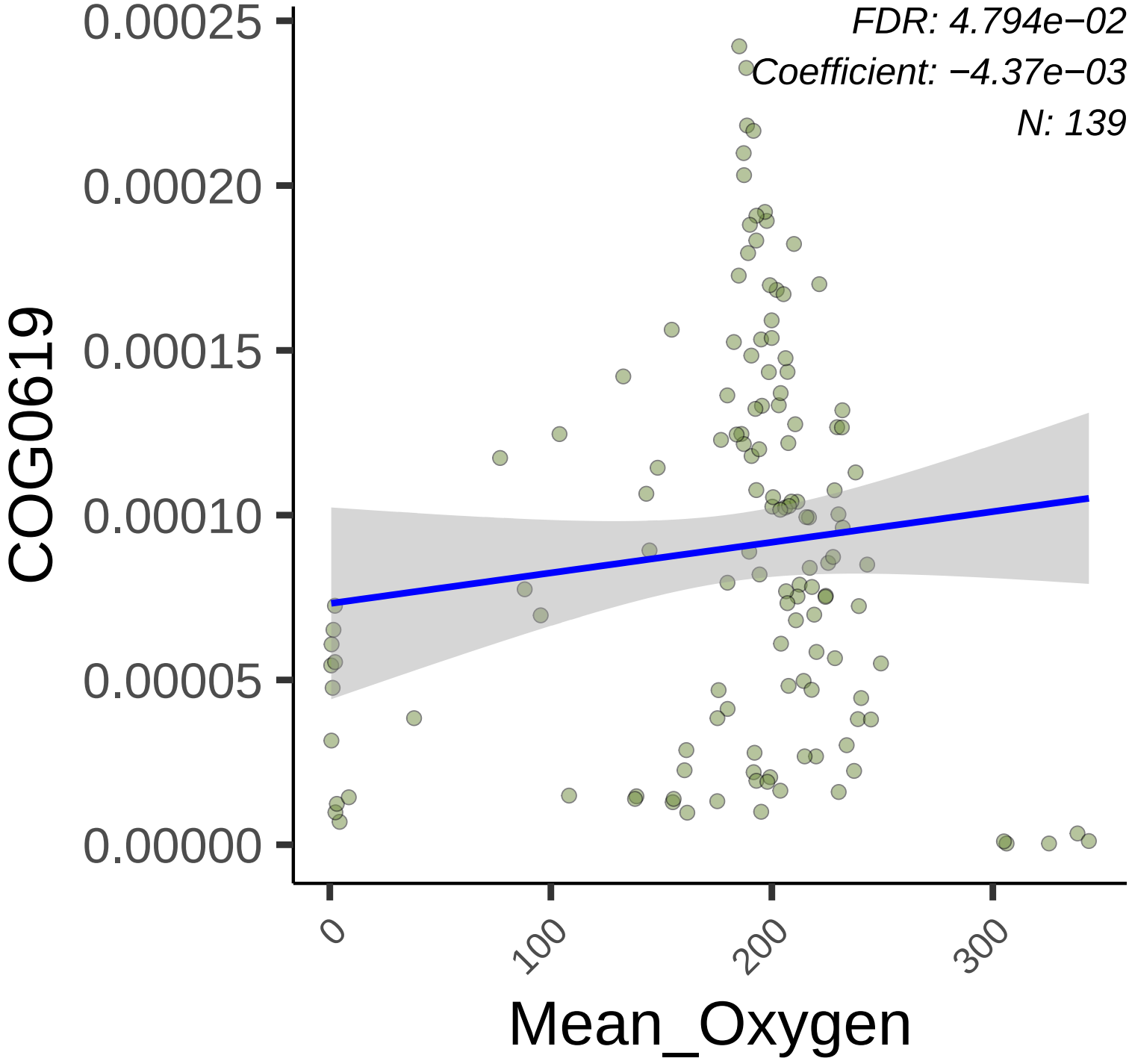
200
300
Mean_Oxygen


FDR: 4.794e−02
Coefficient: −4.37e−03
N: 139
COG0619
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0.00020
0.00015
0.00010
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0.00000
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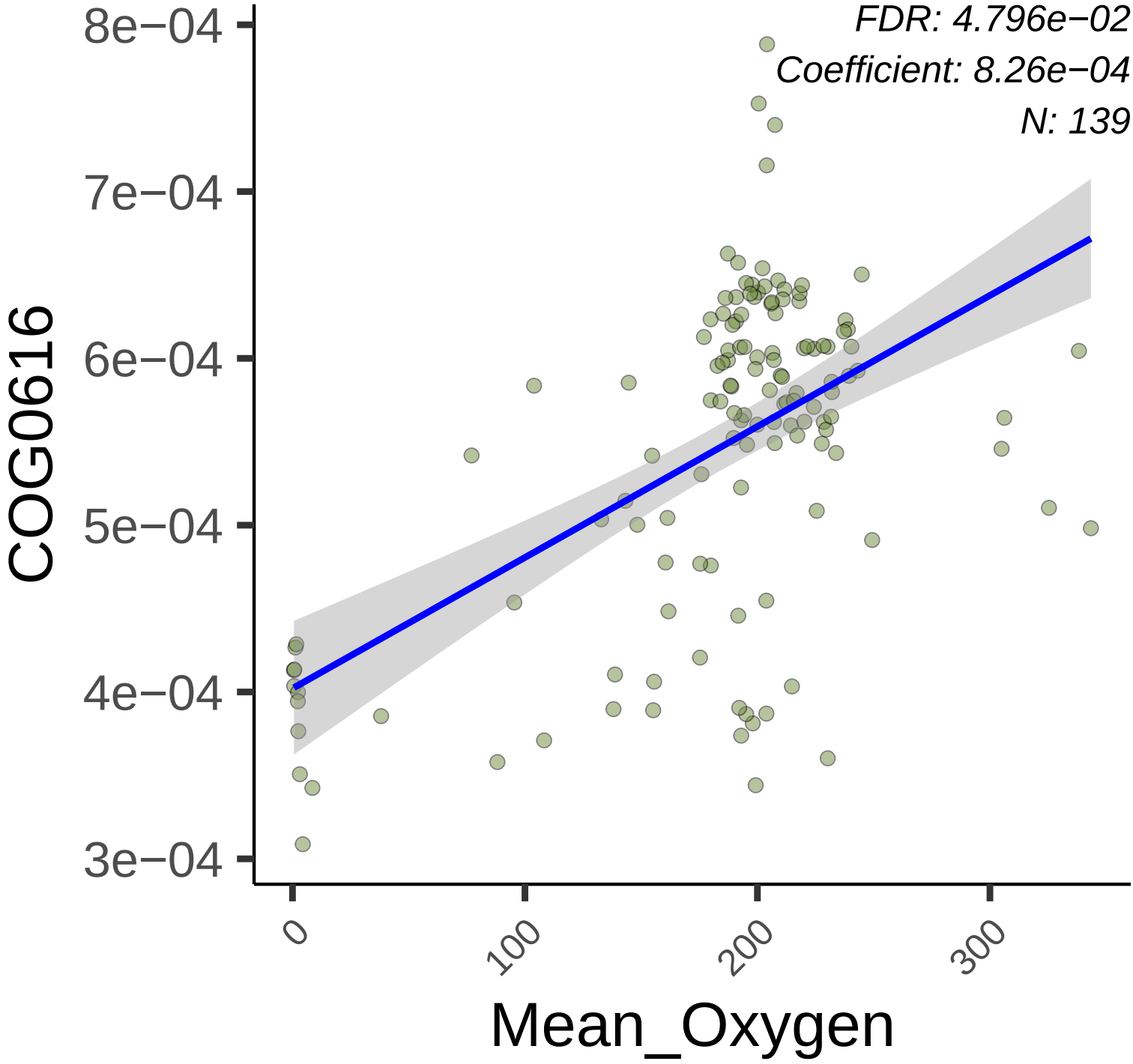
200
300
Mean_Oxygen


FDR: 4.796e−02
Coefficient: 8.26e−04
N: 139
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7e−04
6e−04
5e−04
4e−04
3e−04
COG0616
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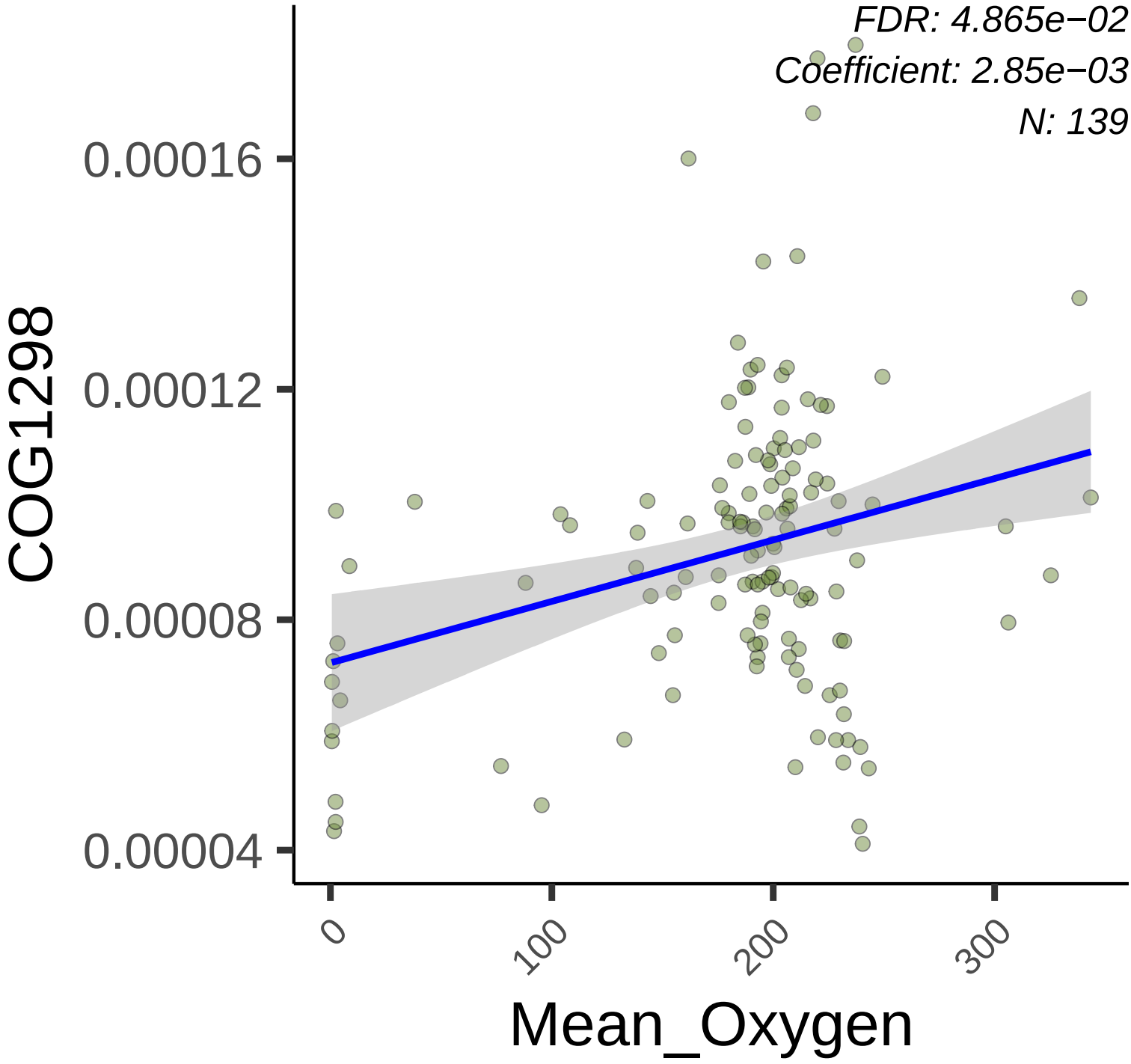
100
200
300
Mean_Oxygen


FDR: 4.865e−02
Coefficient: 2.85e−03
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COG1298
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0.00008
0.00004
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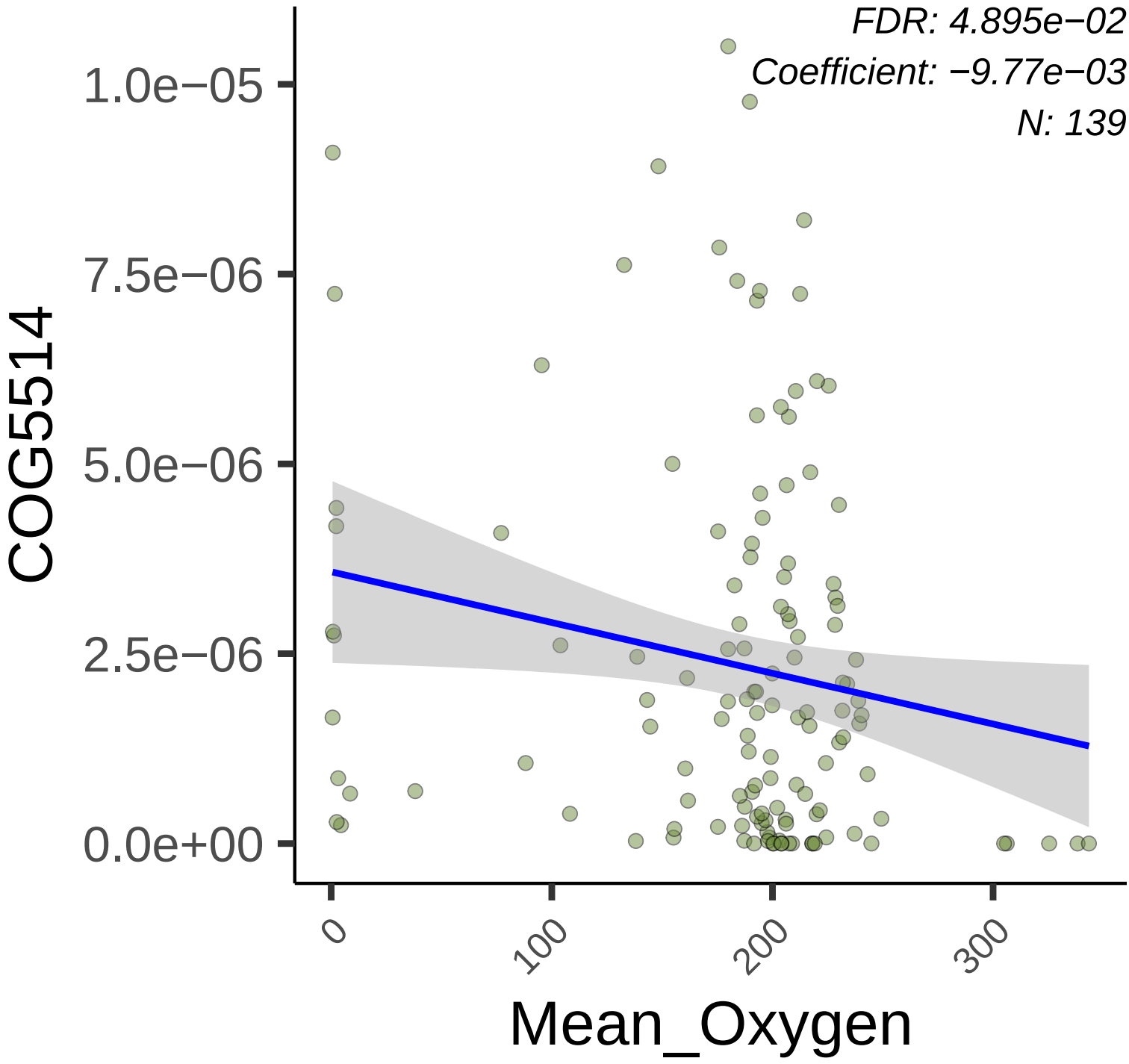
100
200
300
Mean_Oxygen


FDR: 4.895e−02
Coefficient: −9.77e−03
N: 139
COG5514
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7.5e−06
5.0e−06
2.5e−06
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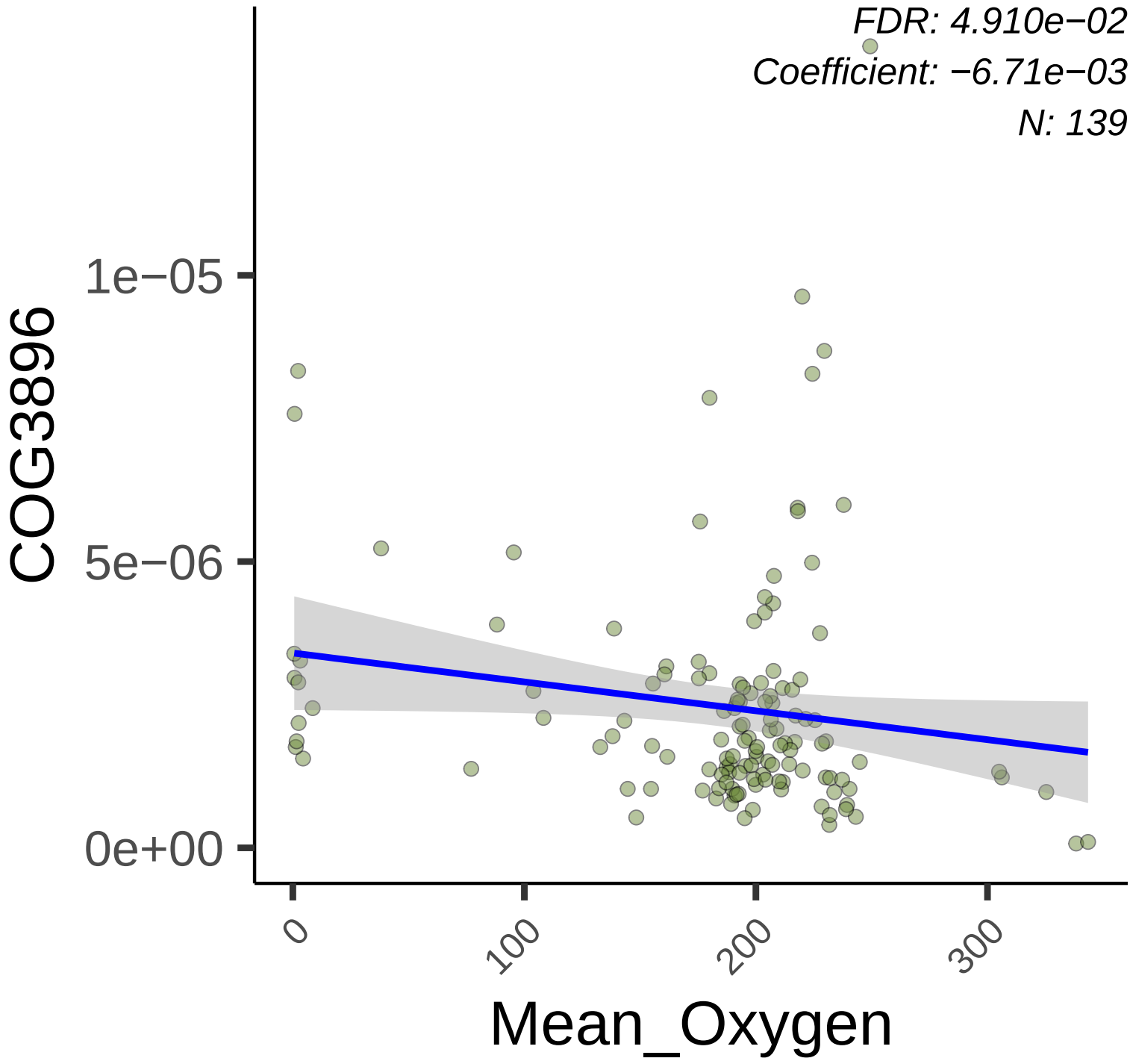
200
300
Mean_Oxygen


FDR: 4.910e−02
Coefficient: −6.71e−03
N: 139
COG3896
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5e−06
0e+00
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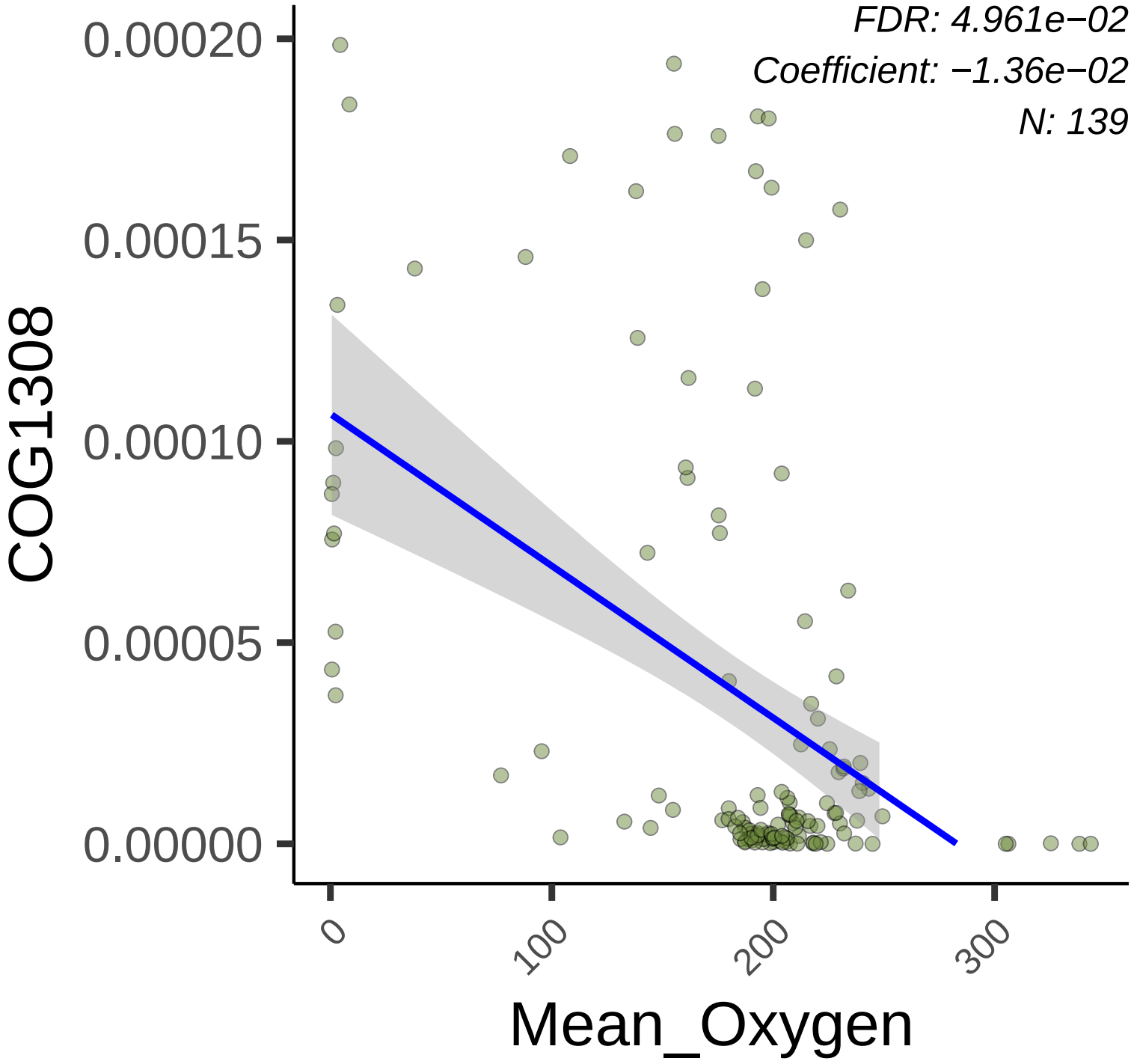
100
200
300
Mean_Oxygen


FDR: 4.961e−02
Coefficient: −1.36e−02
N: 139
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0.00015
0.00010
0.00005
0.00000
COG1308
0
100
200
300
Mean_Oxygen