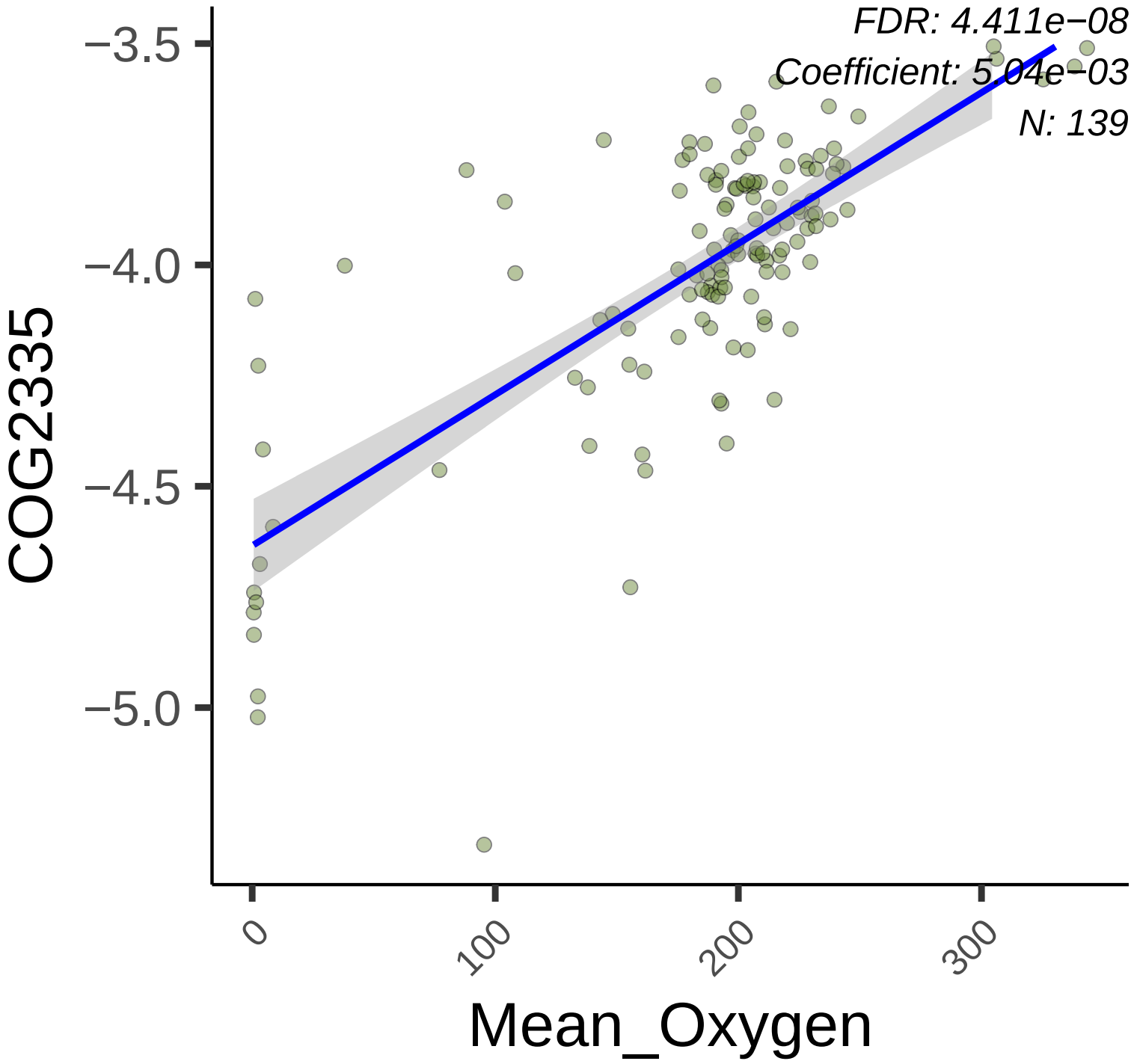
FDR: 4.411e−08
Coefficient: 5.04e−03
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COG2335
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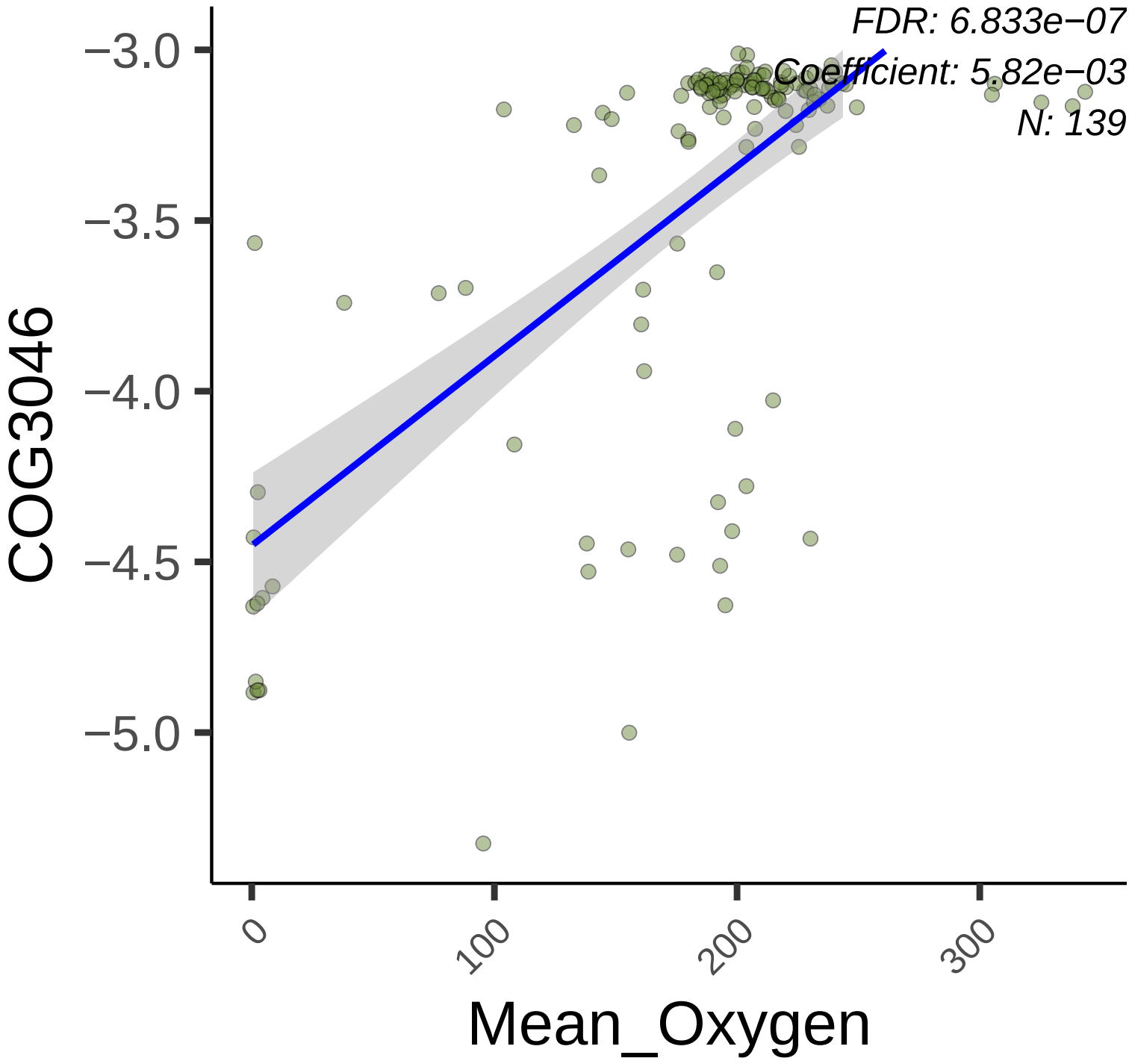
Mean_Oxygen


FDR: 6.833e−07
Coefficient: 5.82e−03
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COG3046
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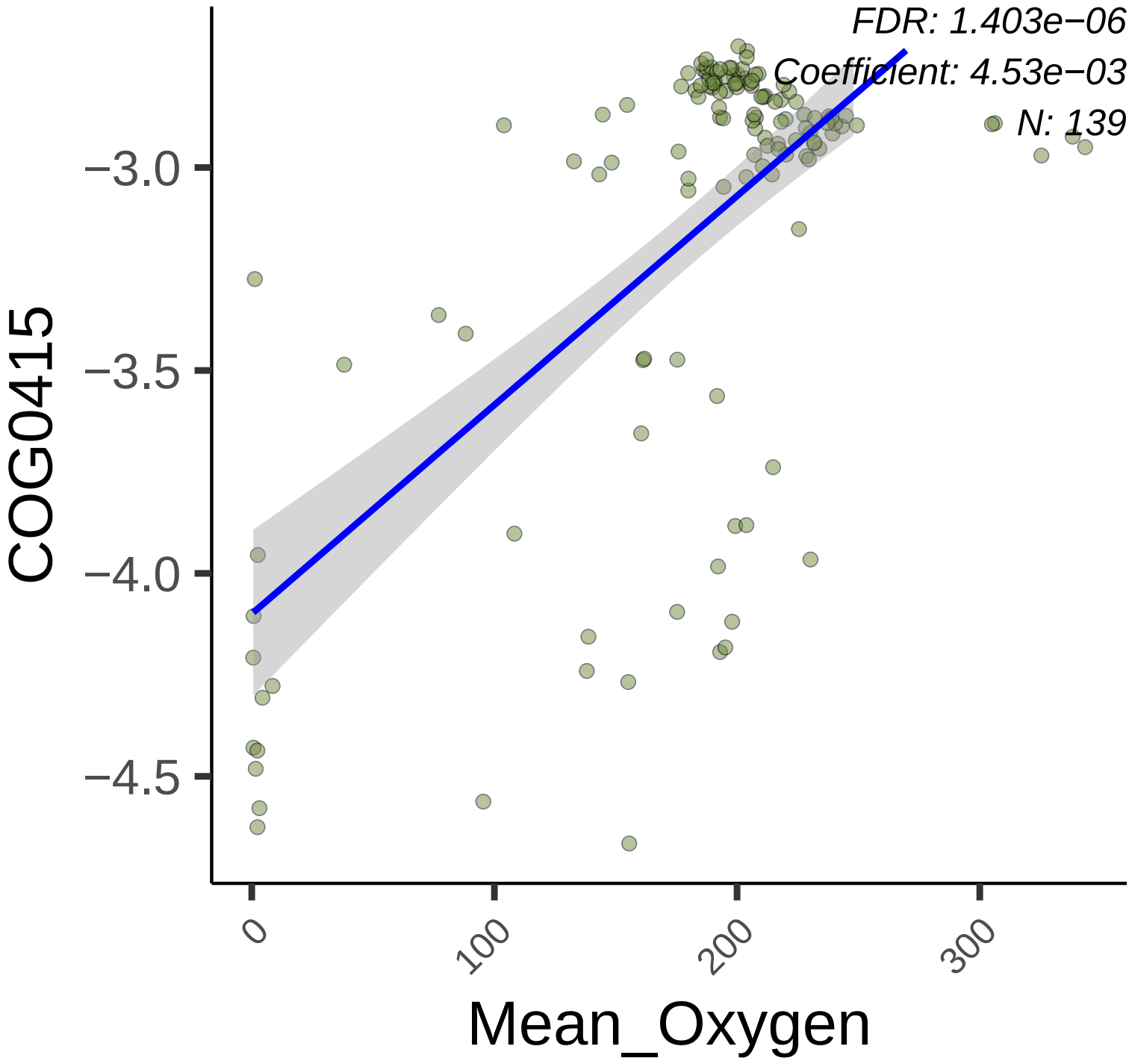
Mean_Oxygen


FDR: 1.403e−06
Coefficient: 4.53e−03
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COG0415
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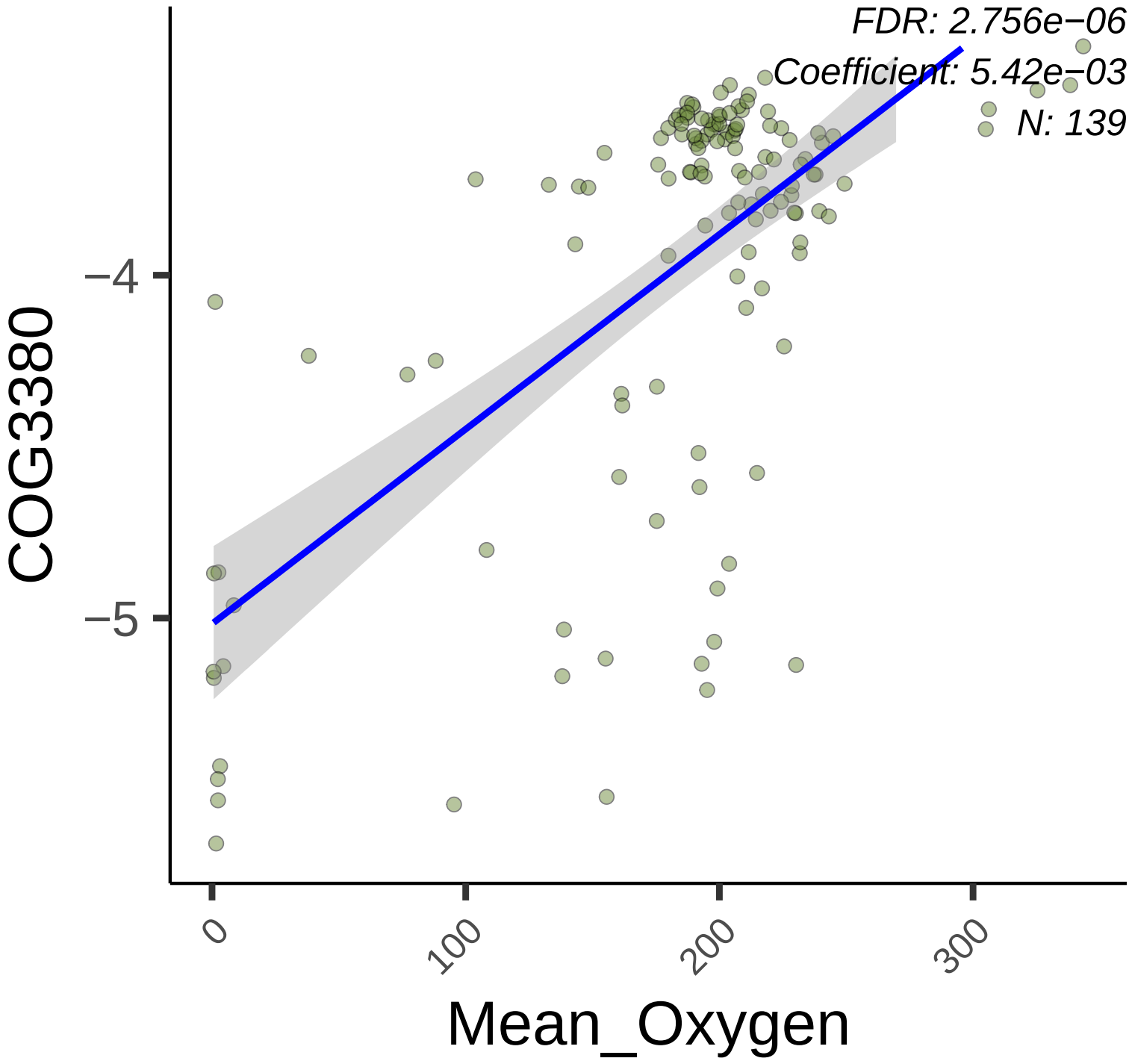
Mean_Oxygen


FDR: 2.756e−06
Coefficient: 5.42e−03
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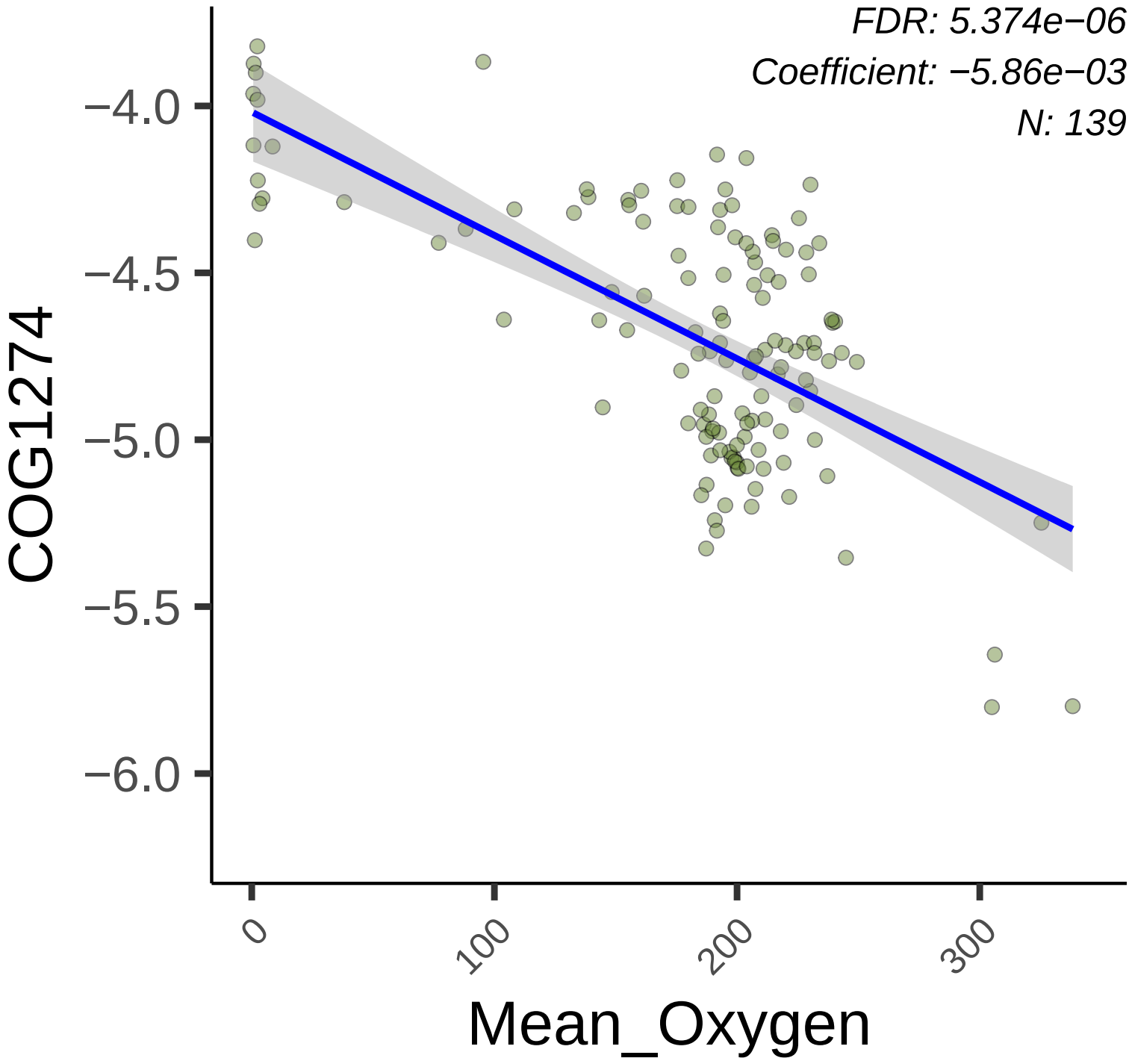
Mean_Oxygen


FDR: 5.374e−06
Coefficient: −5.86e−03
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COG1274
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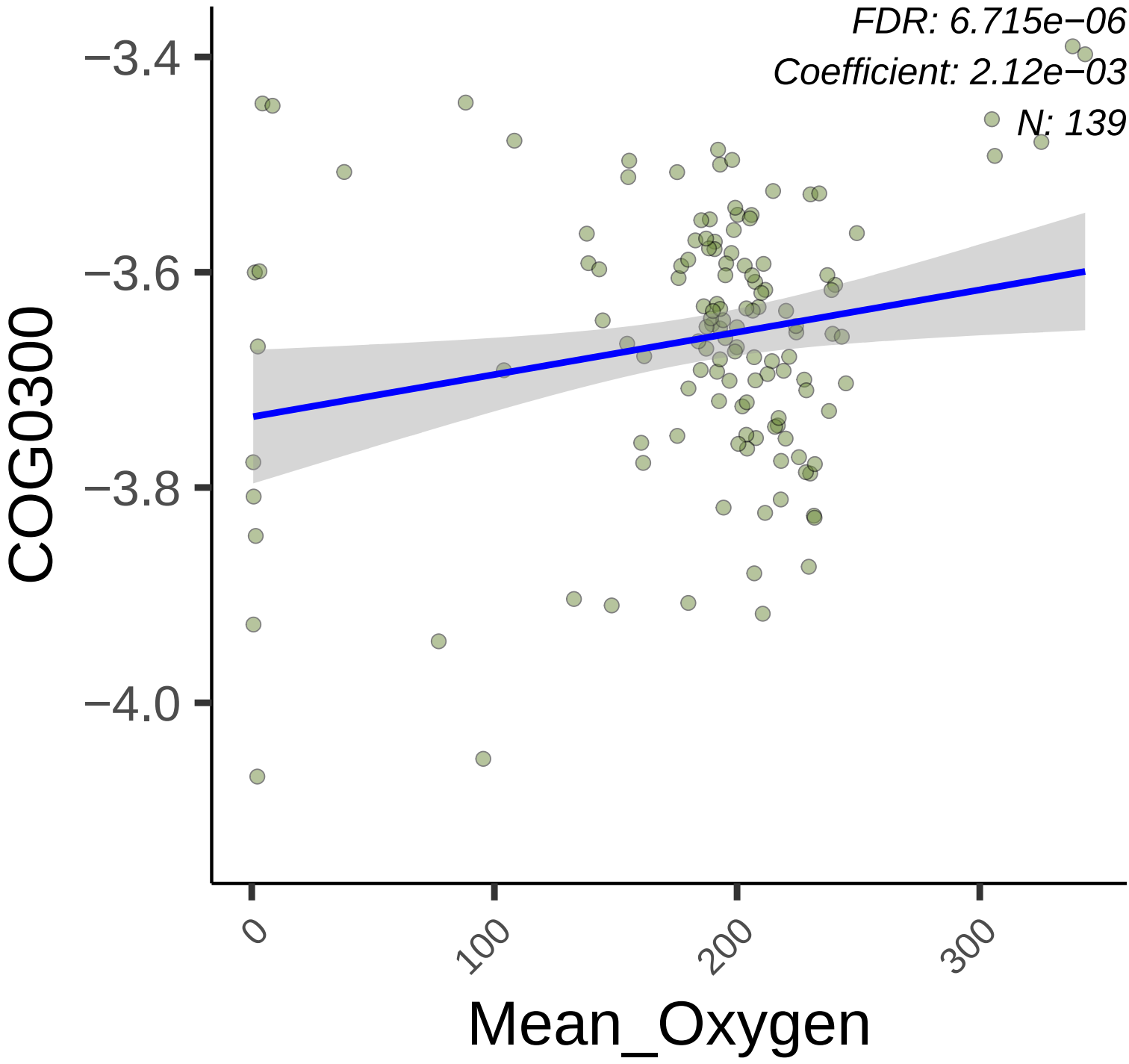
Mean_Oxygen


FDR: 6.715e−06
Coefficient: 2.12e−03
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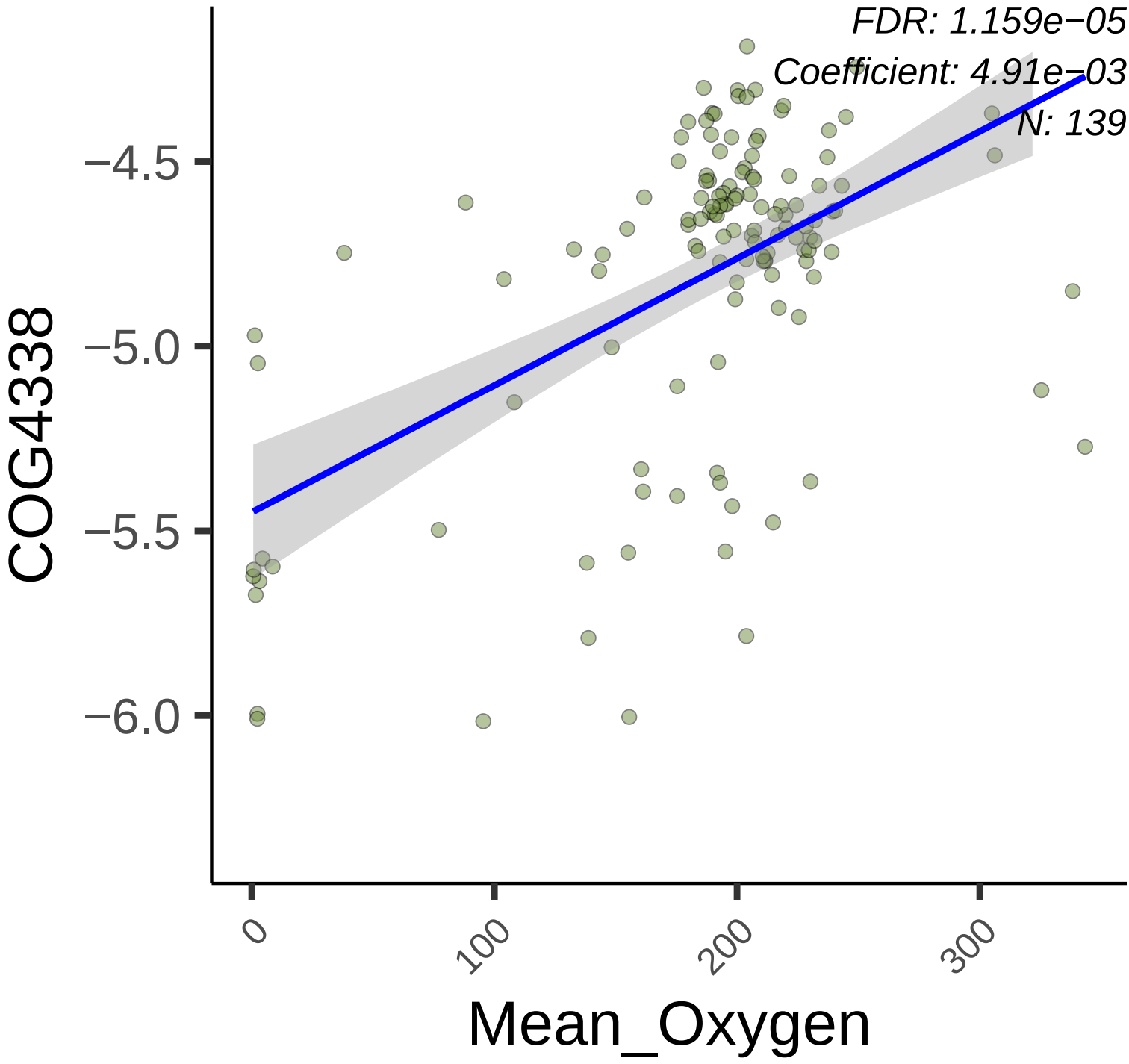
Mean_Oxygen


FDR: 1.159e−05
Coefficient: 4.91e−03
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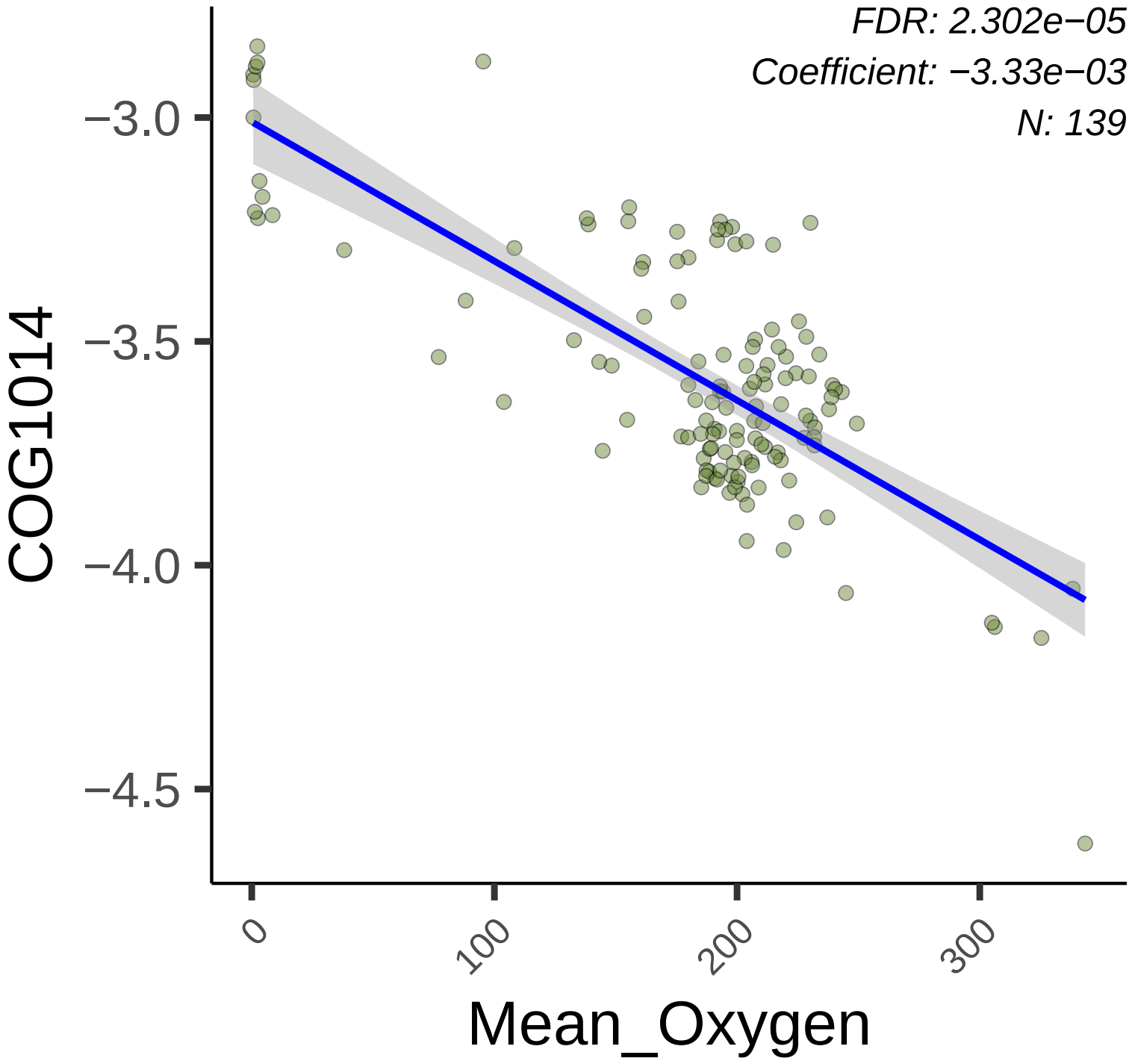
Mean_Oxygen


FDR: 2.302e−05
Coefficient: −3.33e−03
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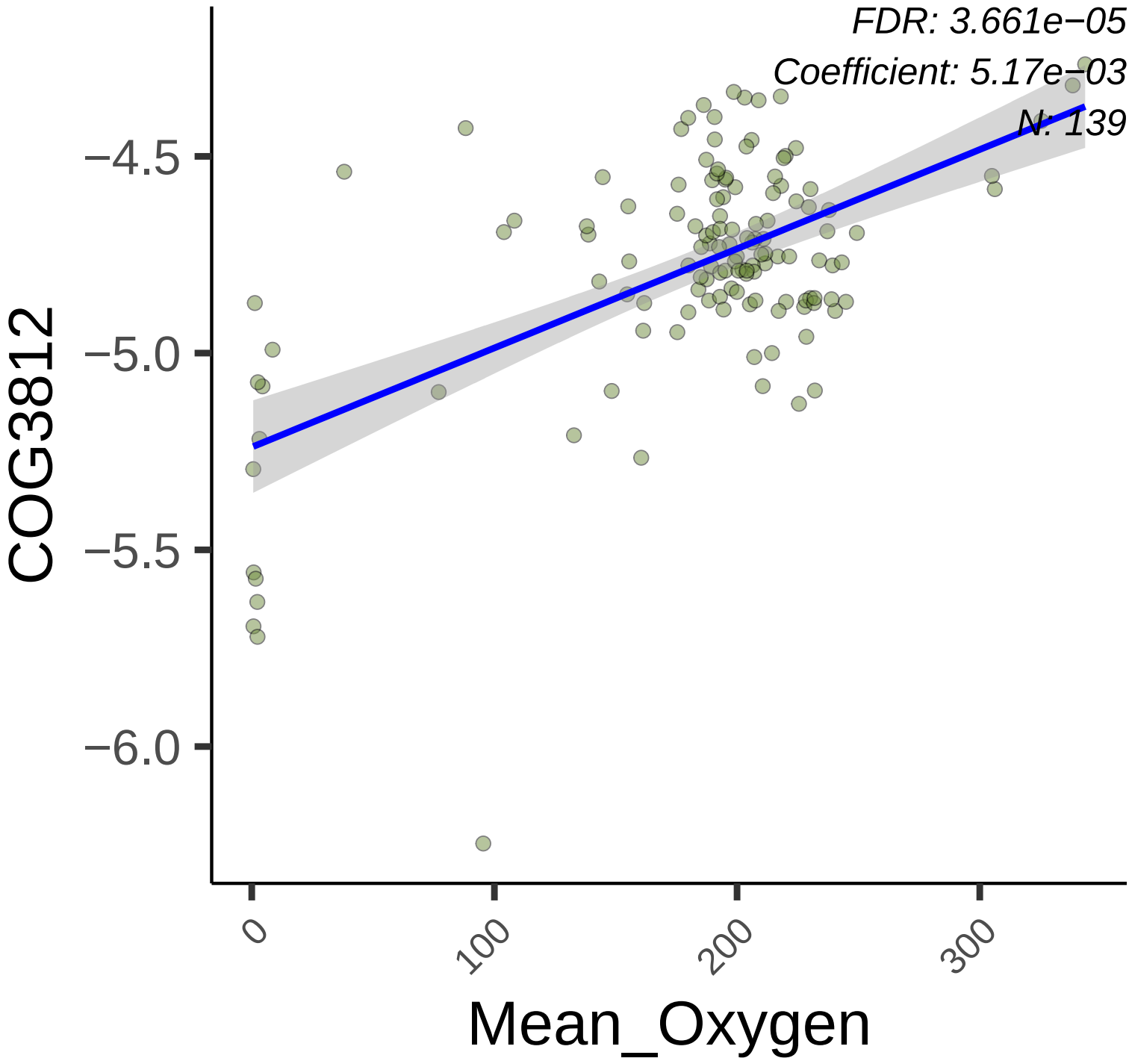
Mean_Oxygen


FDR: 3.661e−05
Coefficient: 5.17e−03
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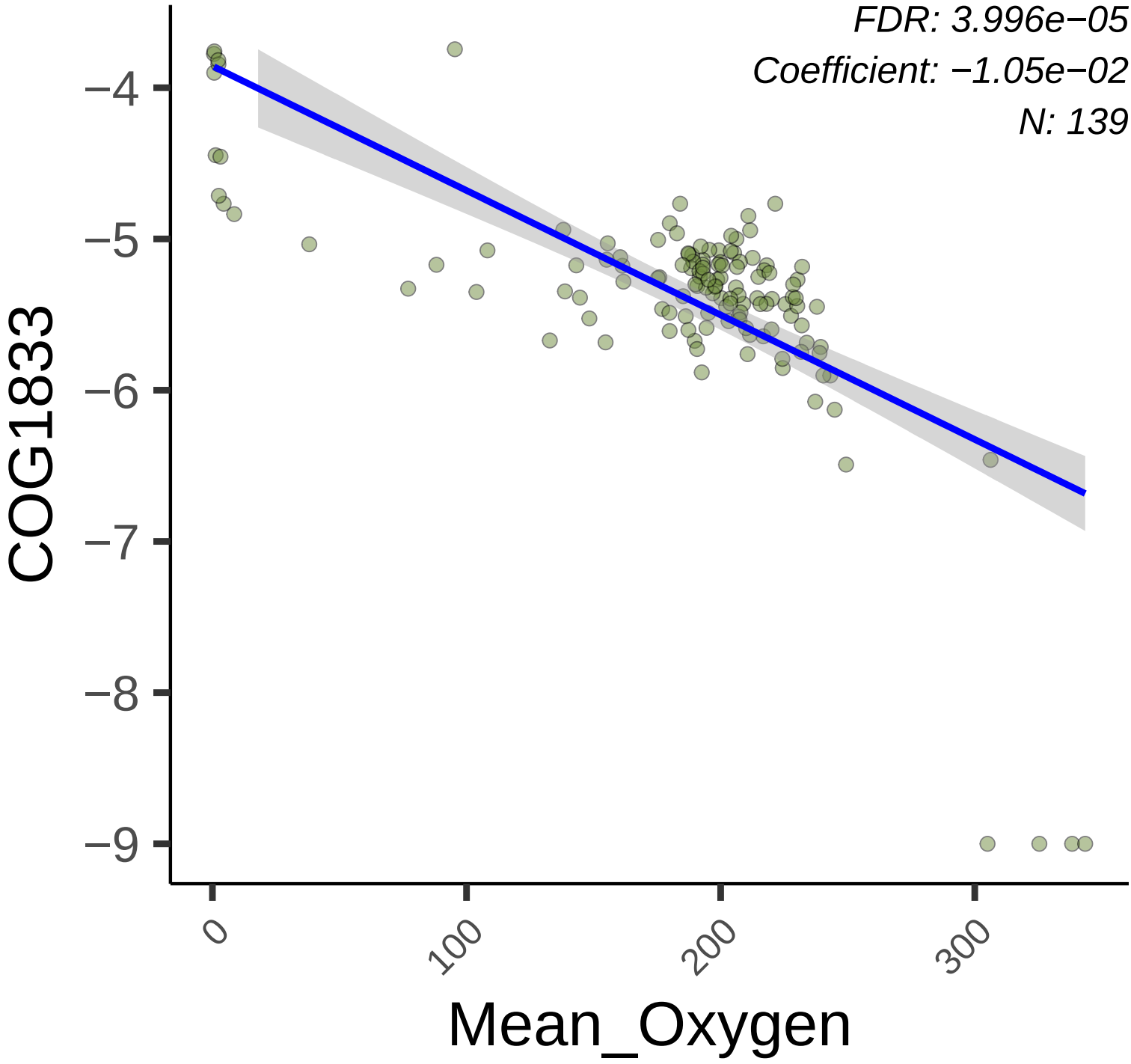
Mean_Oxygen


FDR: 3.996e−05
Coefficient: −1.05e−02
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COG1833
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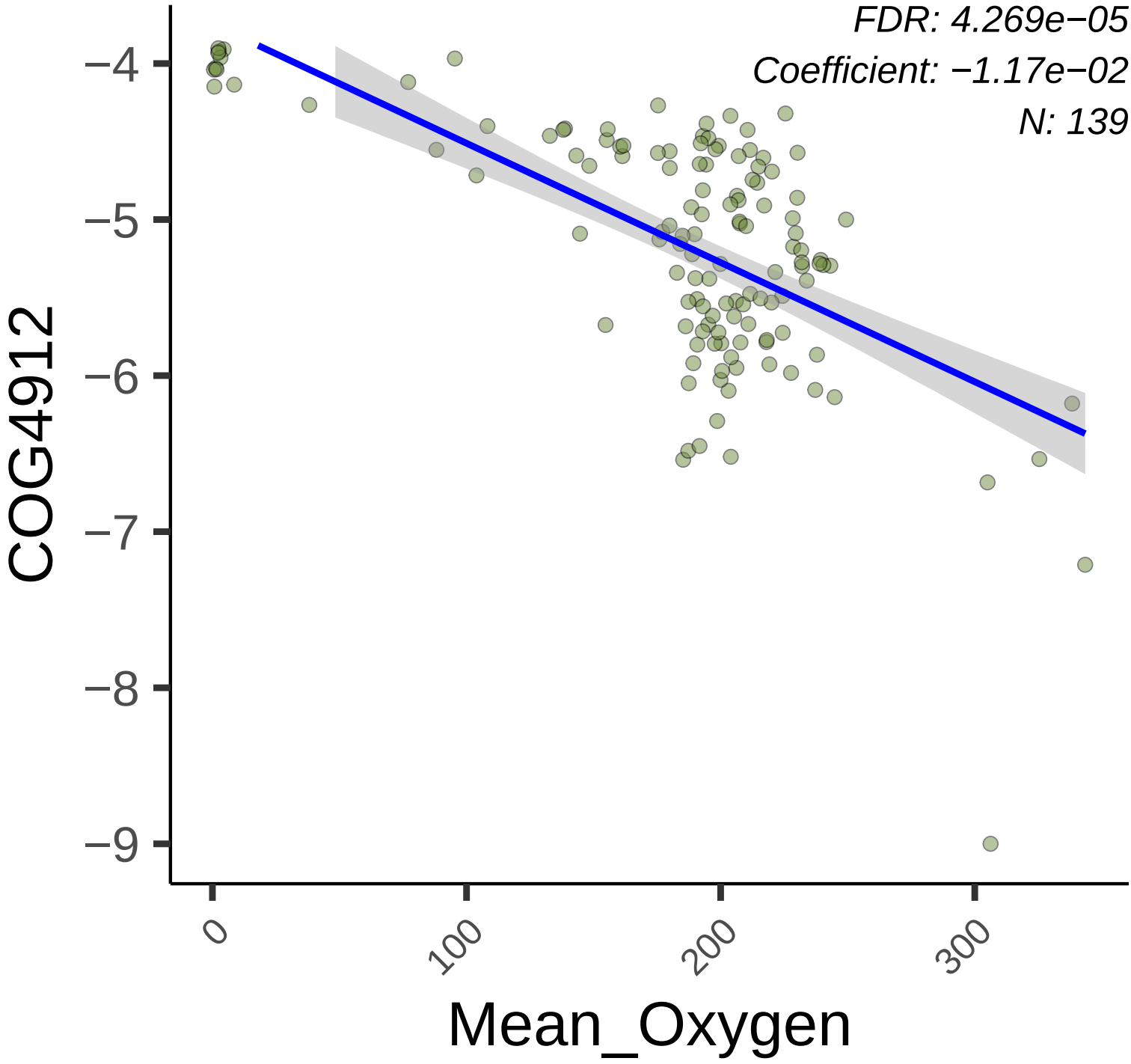
Mean_Oxygen


FDR: 4.269e−05
Coefficient: −1.17e−02
N: 139
COG4912
−4
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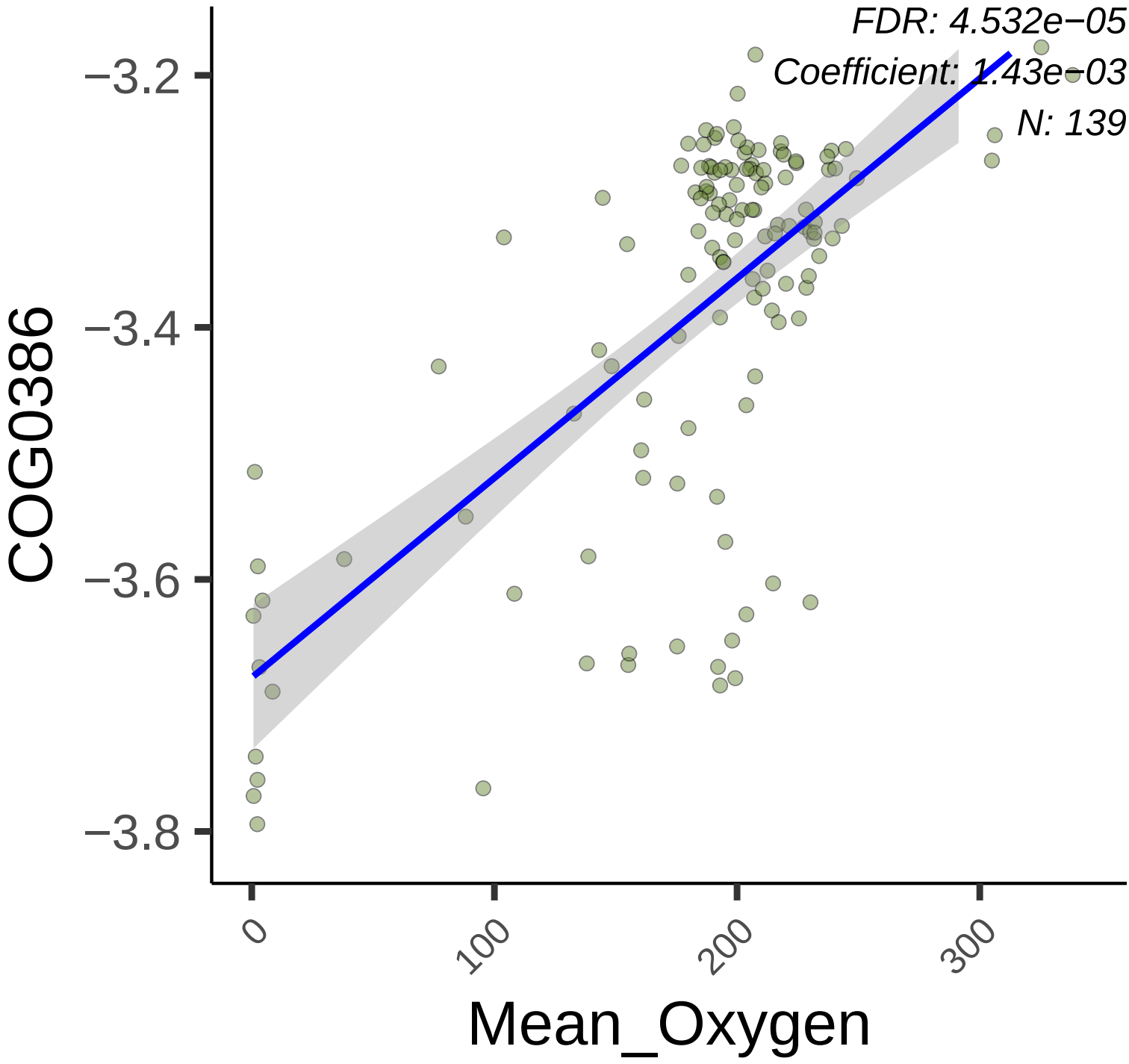
Mean_Oxygen


FDR: 4.532e−05
Coefficient: 1.43e−03
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200
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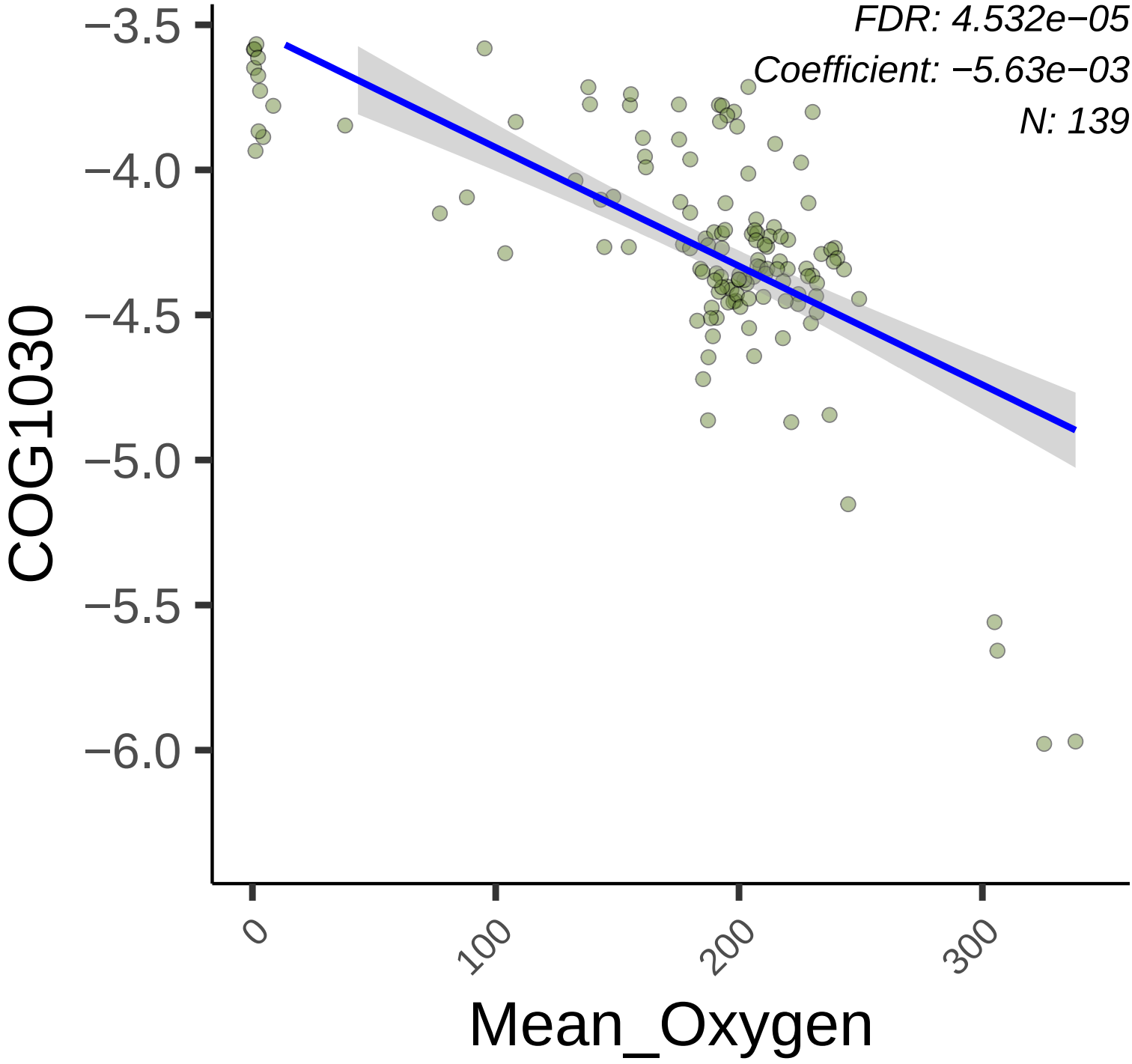
Mean_Oxygen


FDR: 4.532e−05
Coefficient: −5.63e−03
N: 139
COG1030
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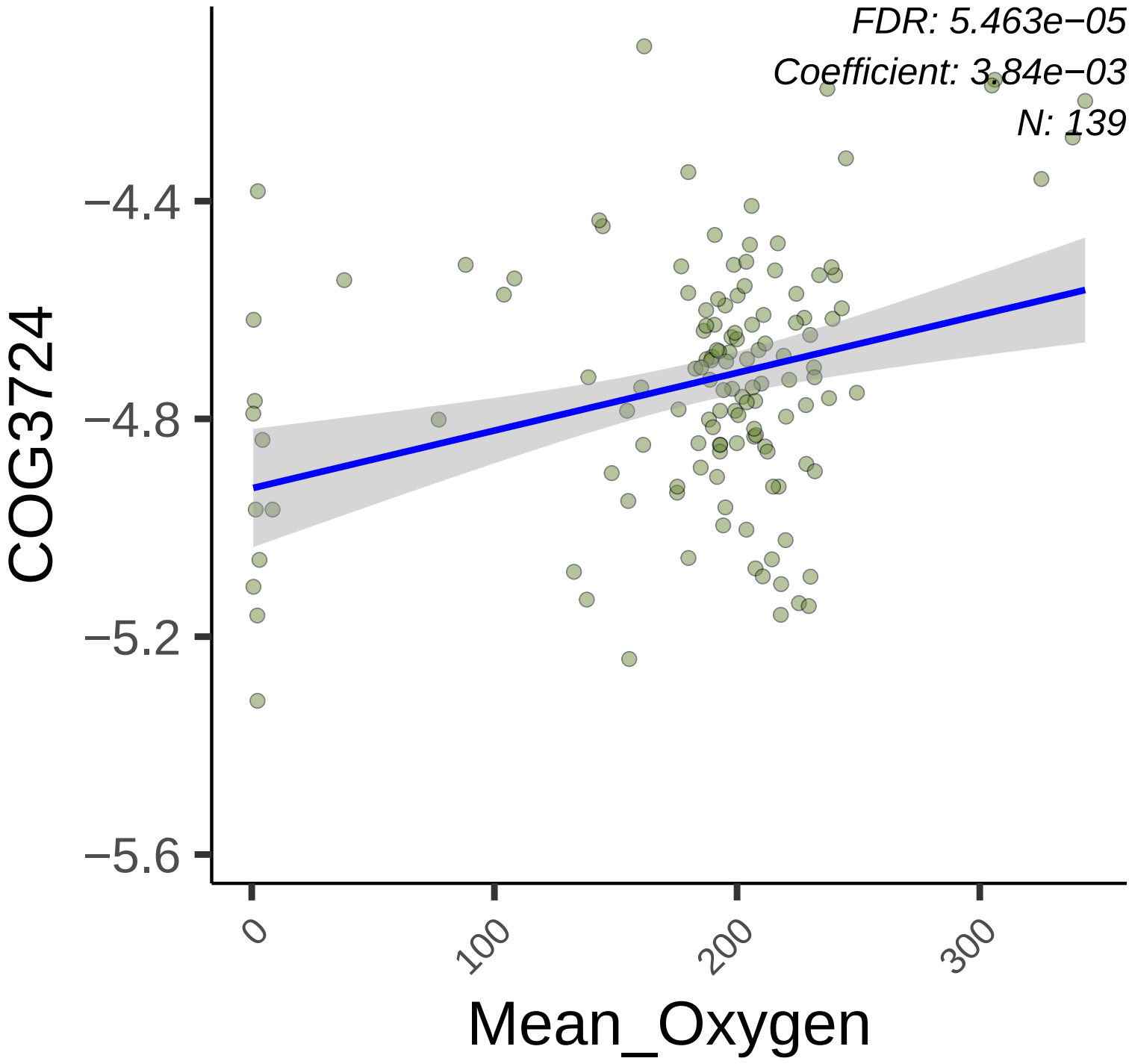
Mean_Oxygen


FDR: 5.463e−05
Coefficient: 3.84e−03
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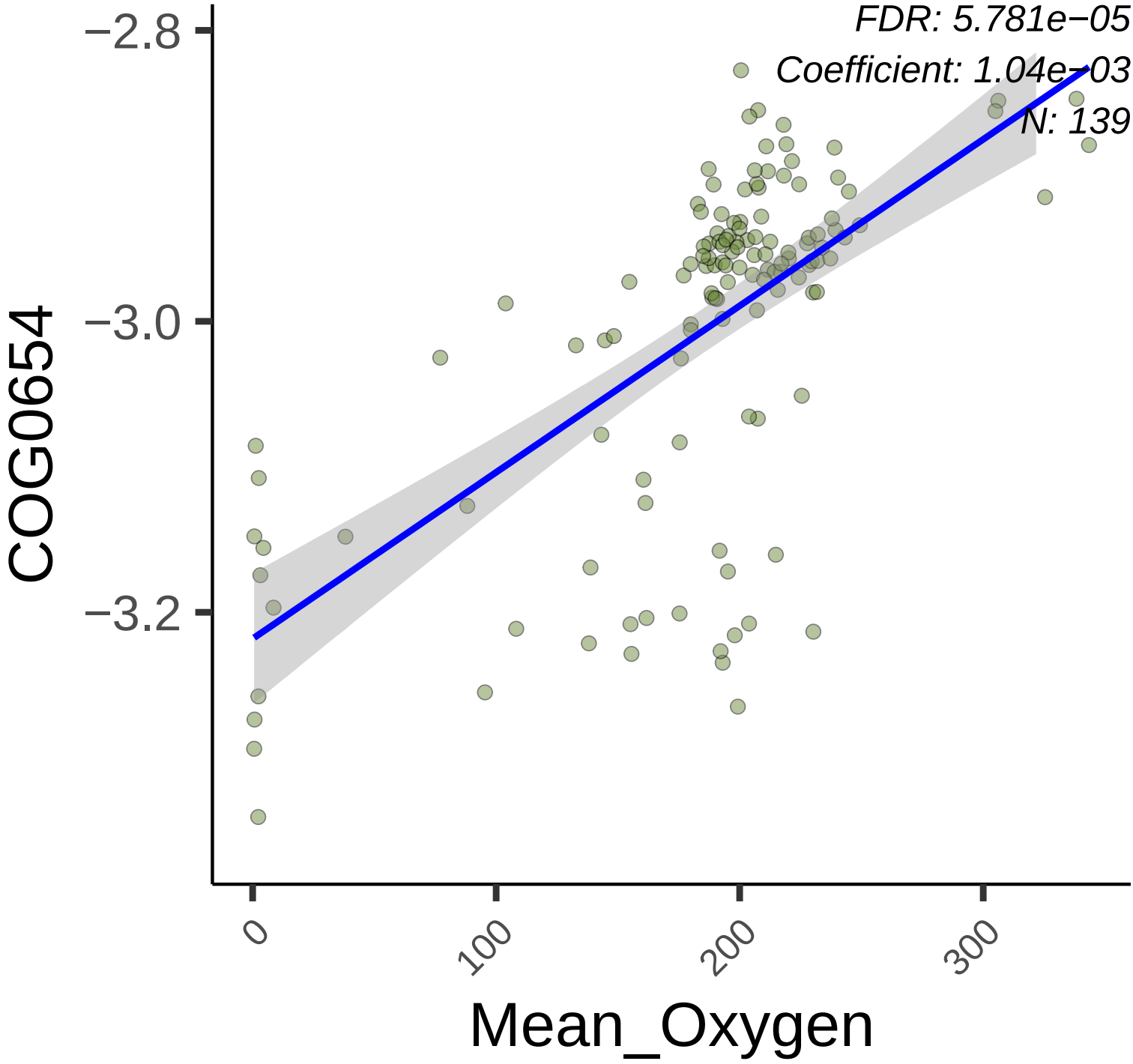
Mean_Oxygen


FDR: 5.781e−05
Coefficient: 1.04e−03
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COG0654
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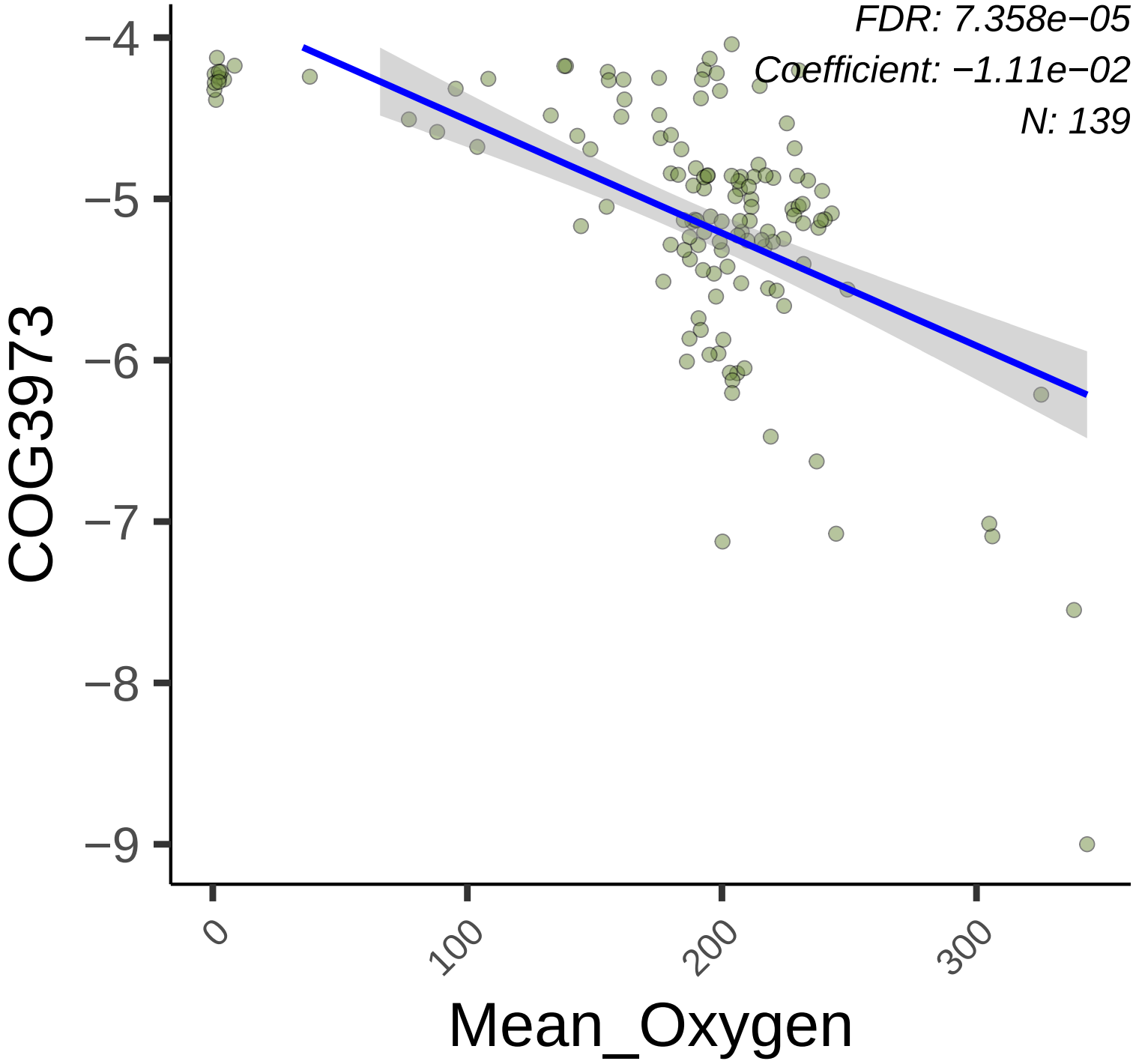
Mean_Oxygen


FDR: 7.358e−05
Coefficient: −1.11e−02
N: 139
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−4
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−9
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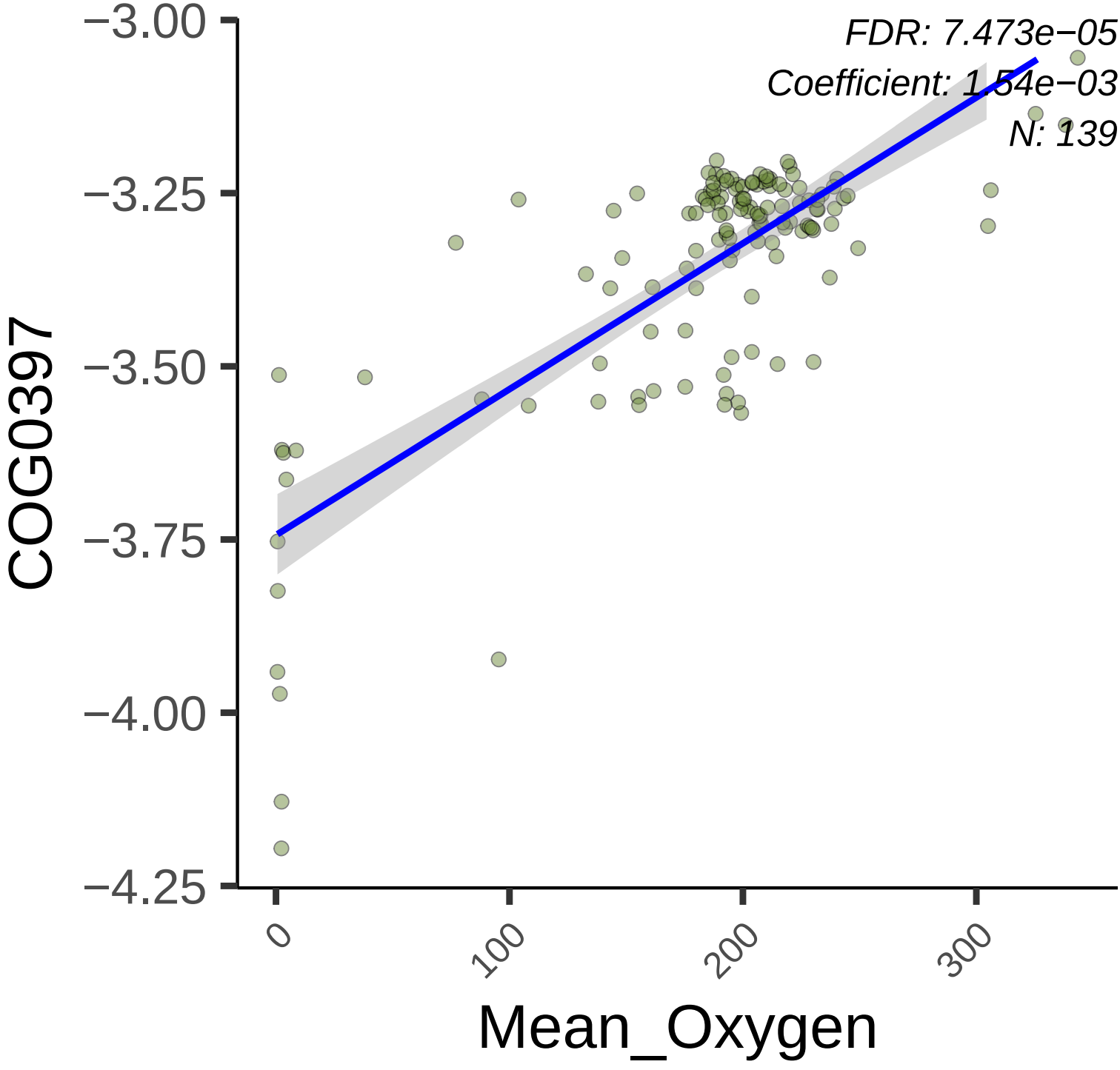
100
200
300
Mean_Oxygen


FDR: 7.473e−05
Coefficient: 1.54e−03
N: 139
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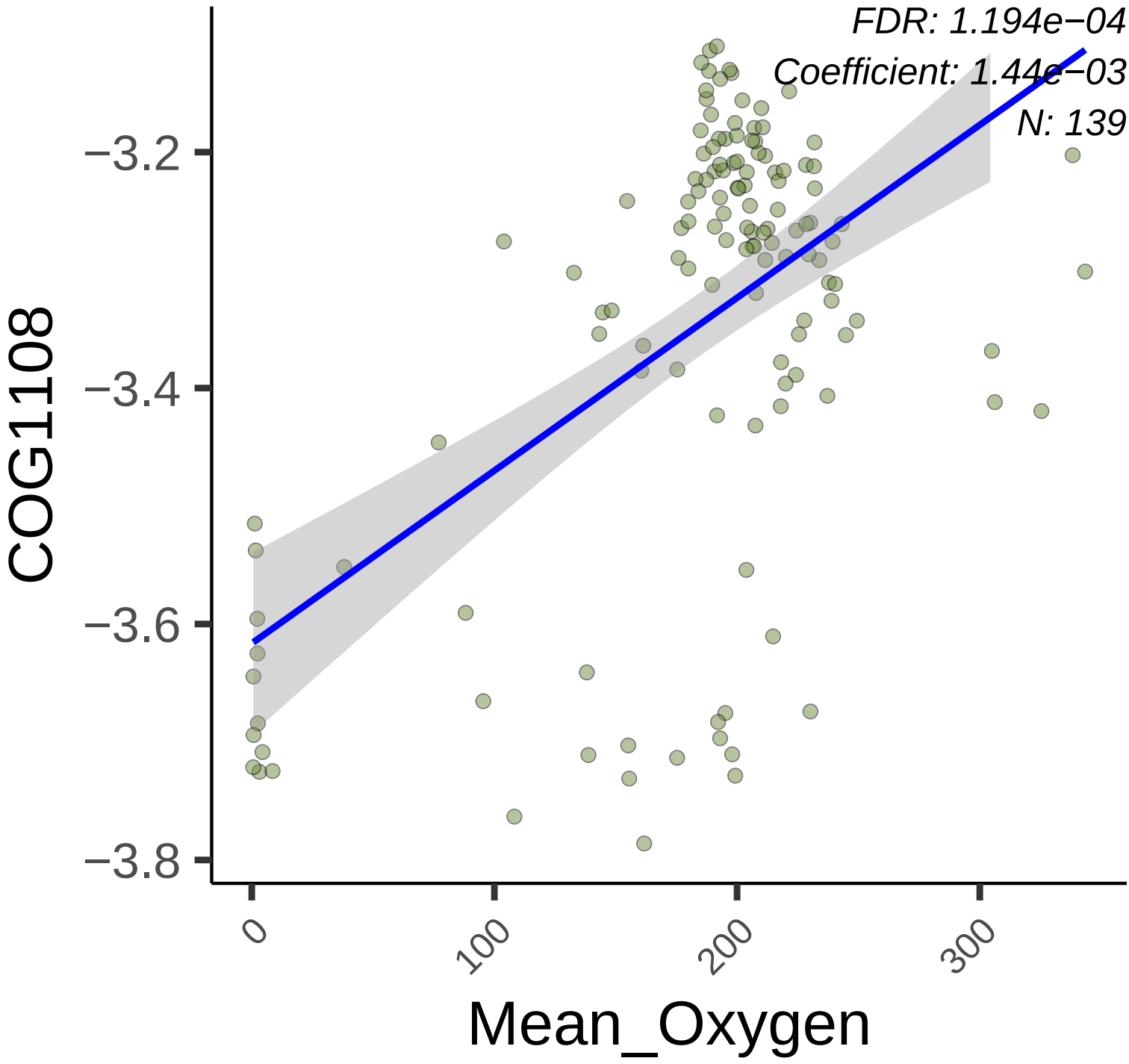
200
300
Mean_Oxygen


FDR: 1.194e−04
Coefficient: 1.44e−03
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COG1108
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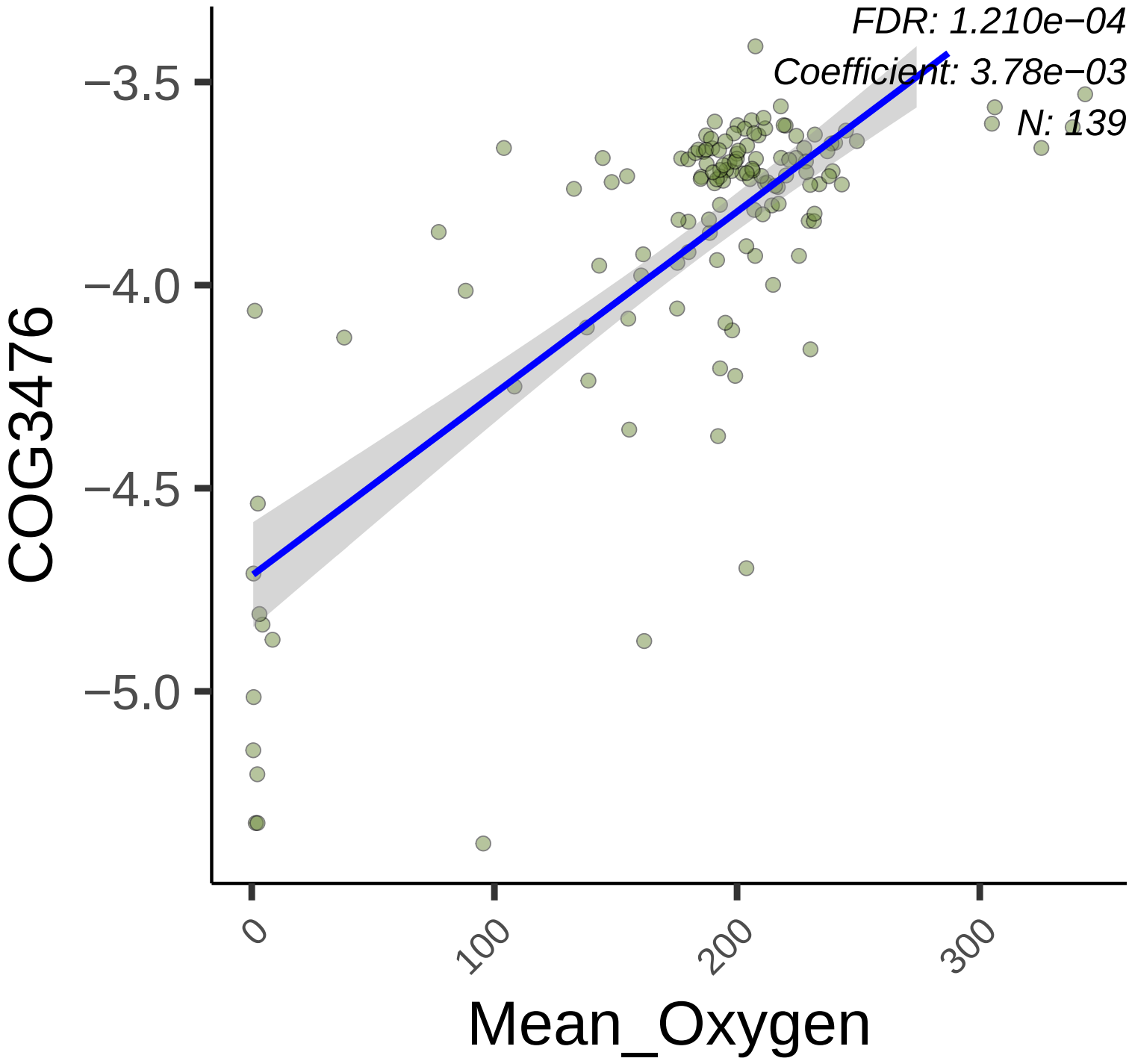
200
300
Mean_Oxygen


FDR: 1.210e−04
Coefficient: 3.78e−03
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COG3476
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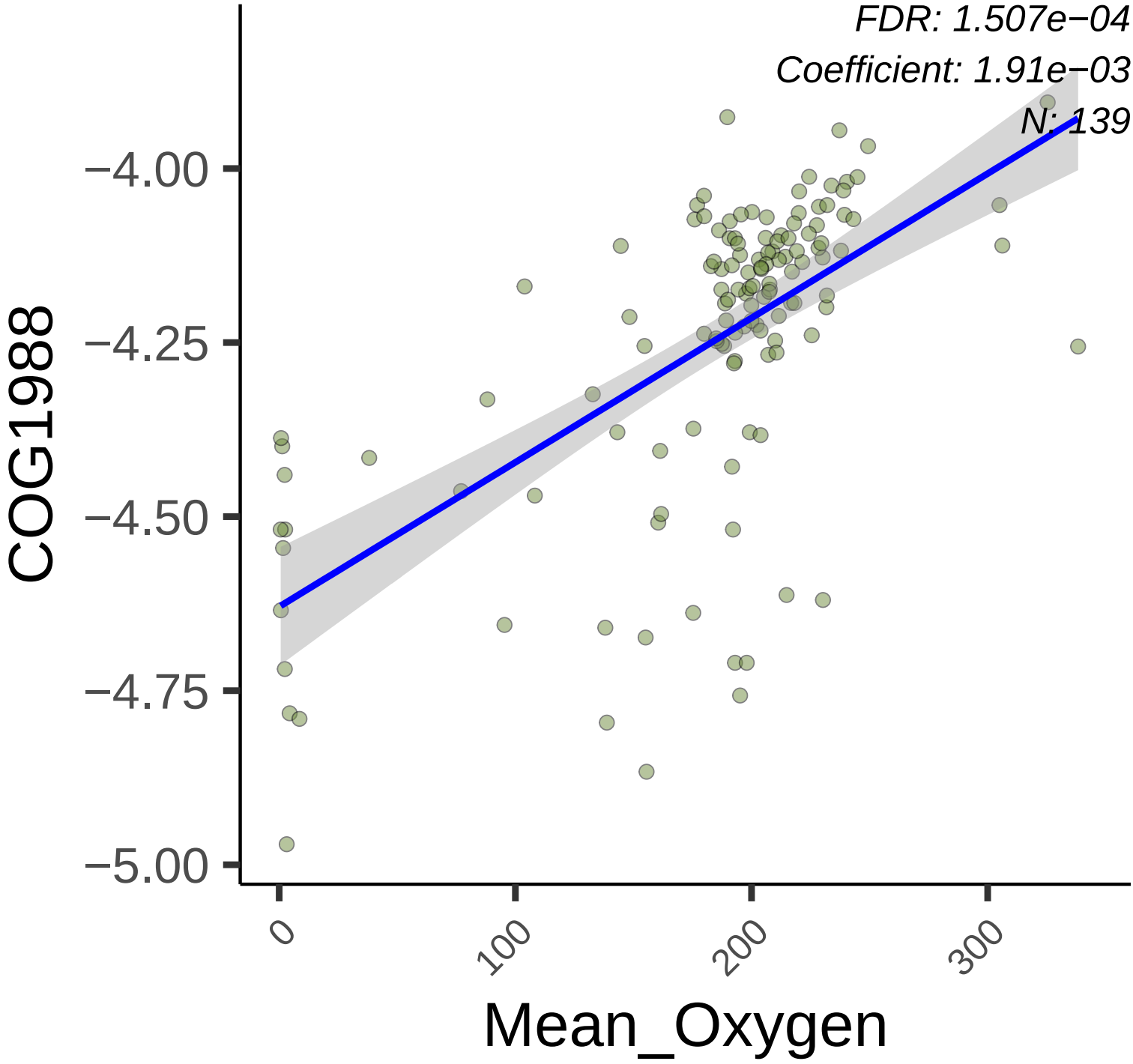
300
Mean_Oxygen


FDR: 1.507e−04
Coefficient: 1.91e−03
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COG1988
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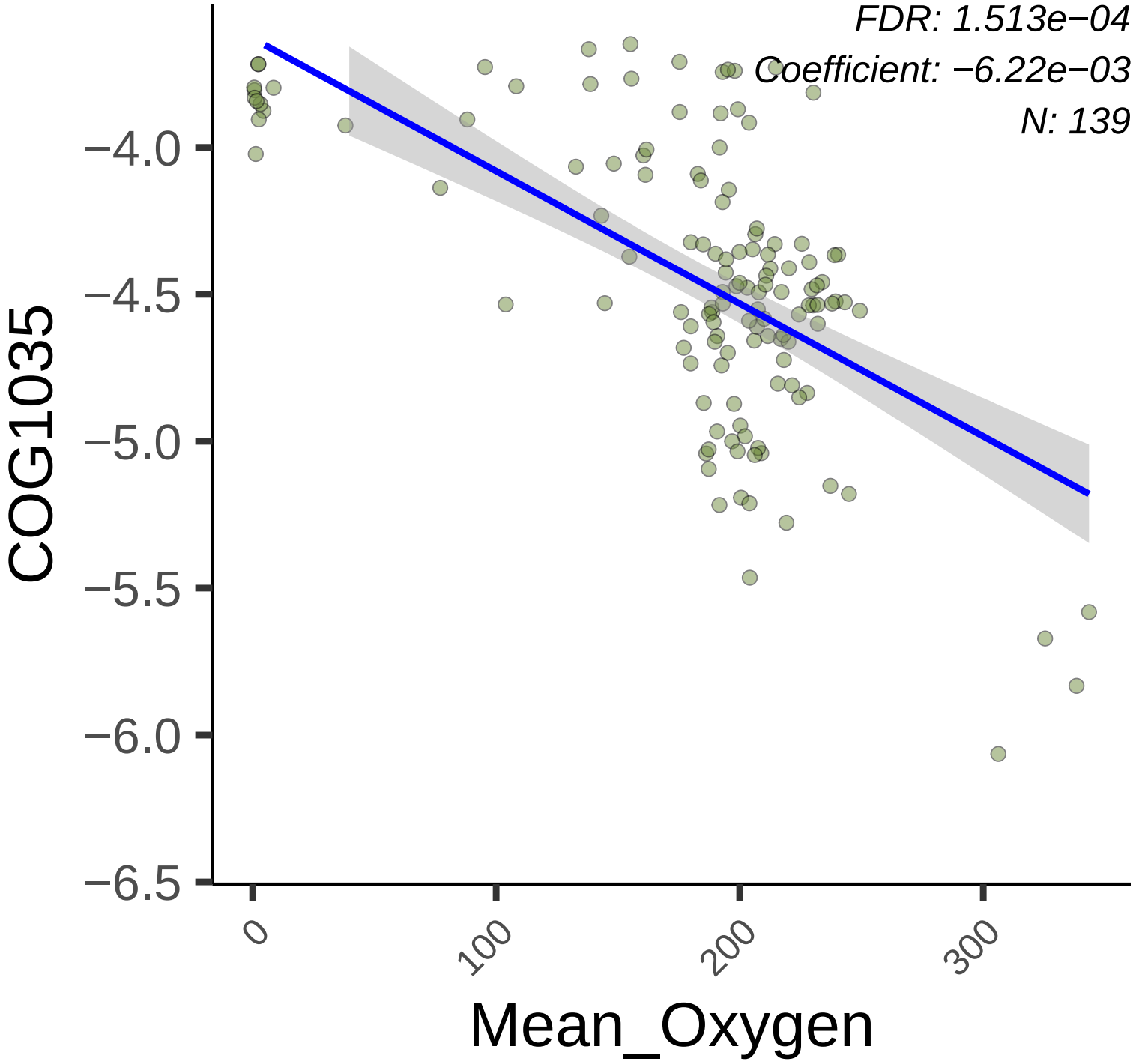
200
300
Mean_Oxygen


FDR: 1.513e−04
Coefficient: −6.22e−03
N: 139
COG1035
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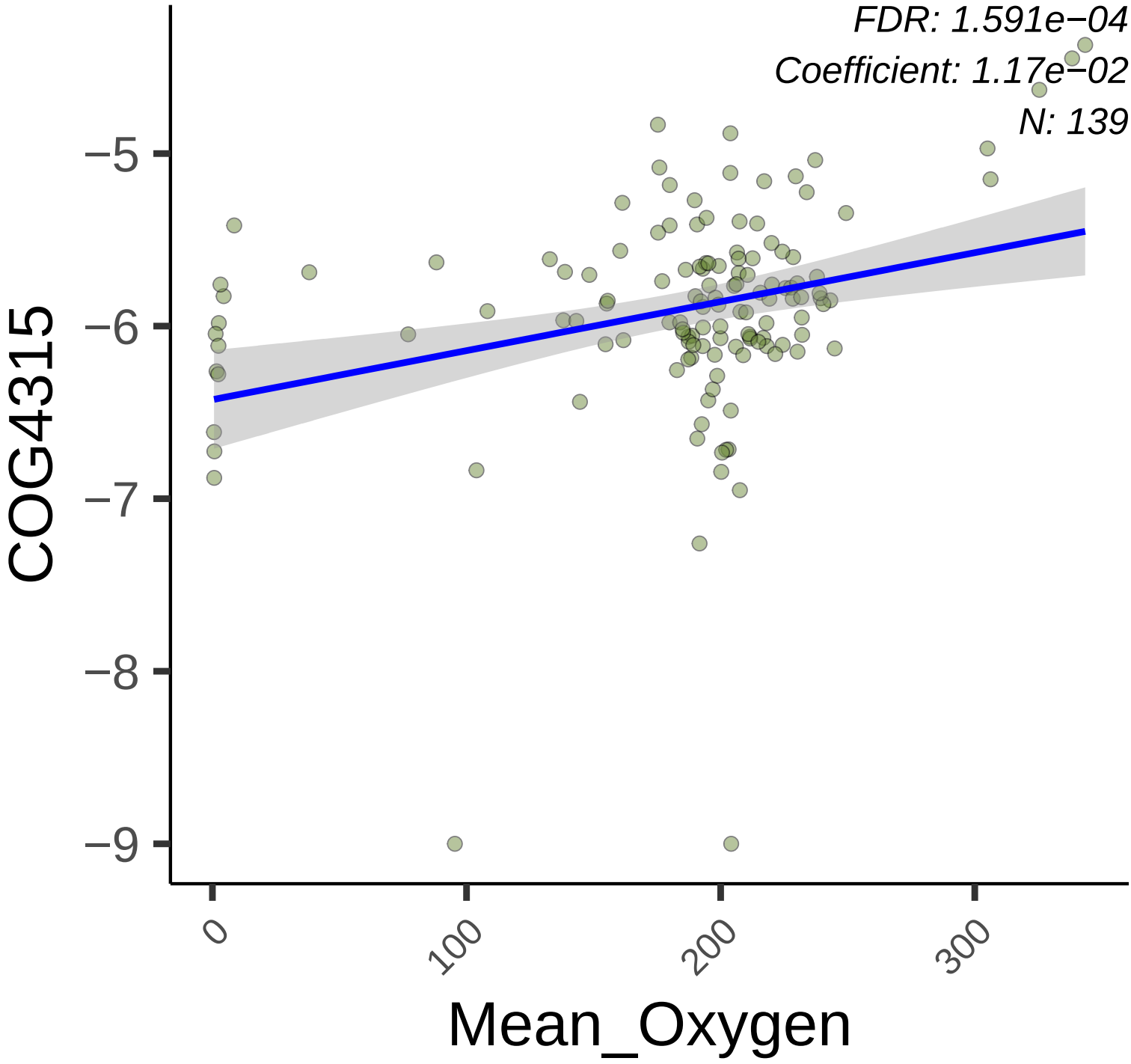
200
300
Mean_Oxygen


FDR: 1.591e−04
Coefficient: 1.17e−02
N: 139
COG4315
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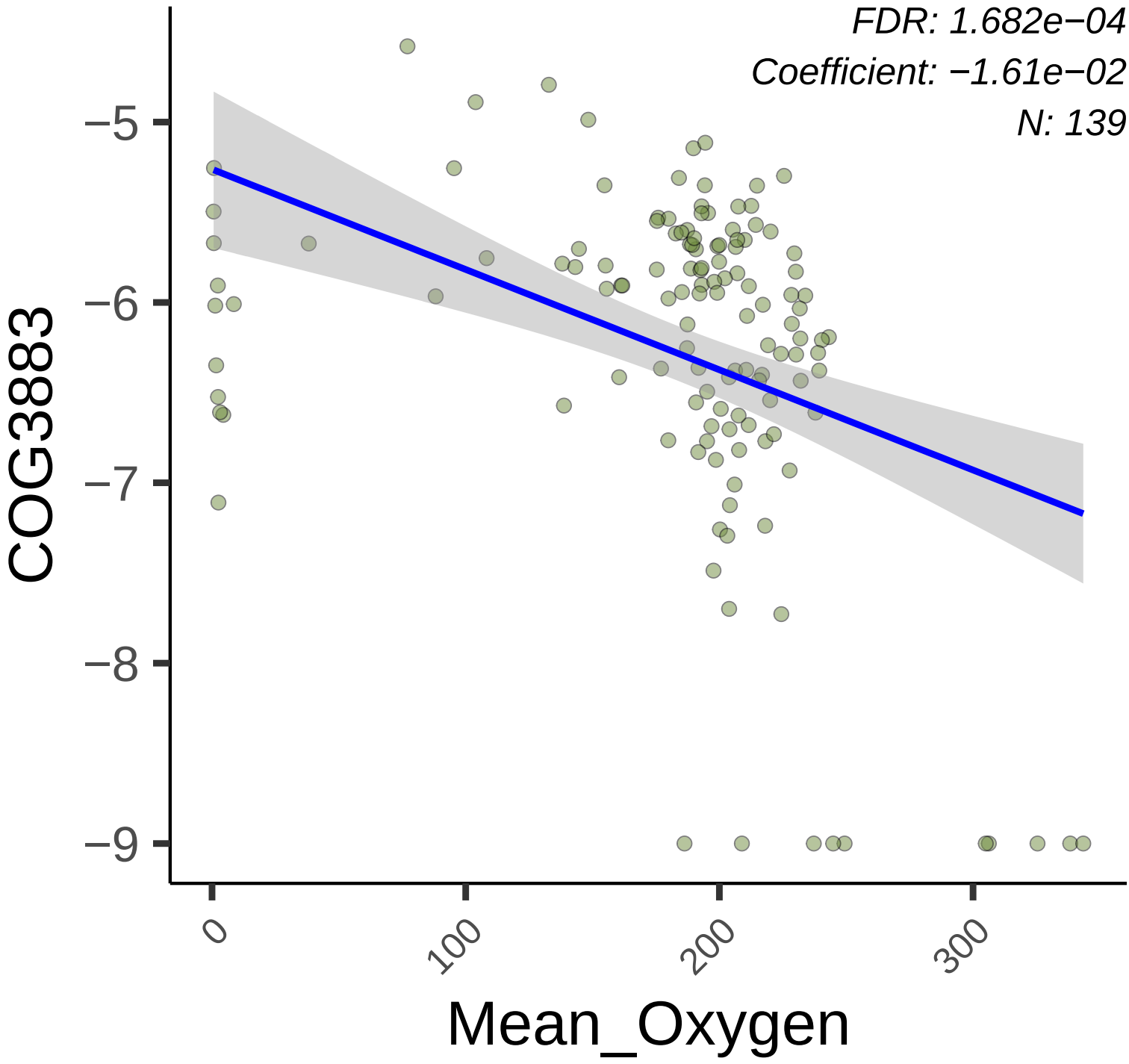
Mean_Oxygen


FDR: 1.682e−04
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N: 139
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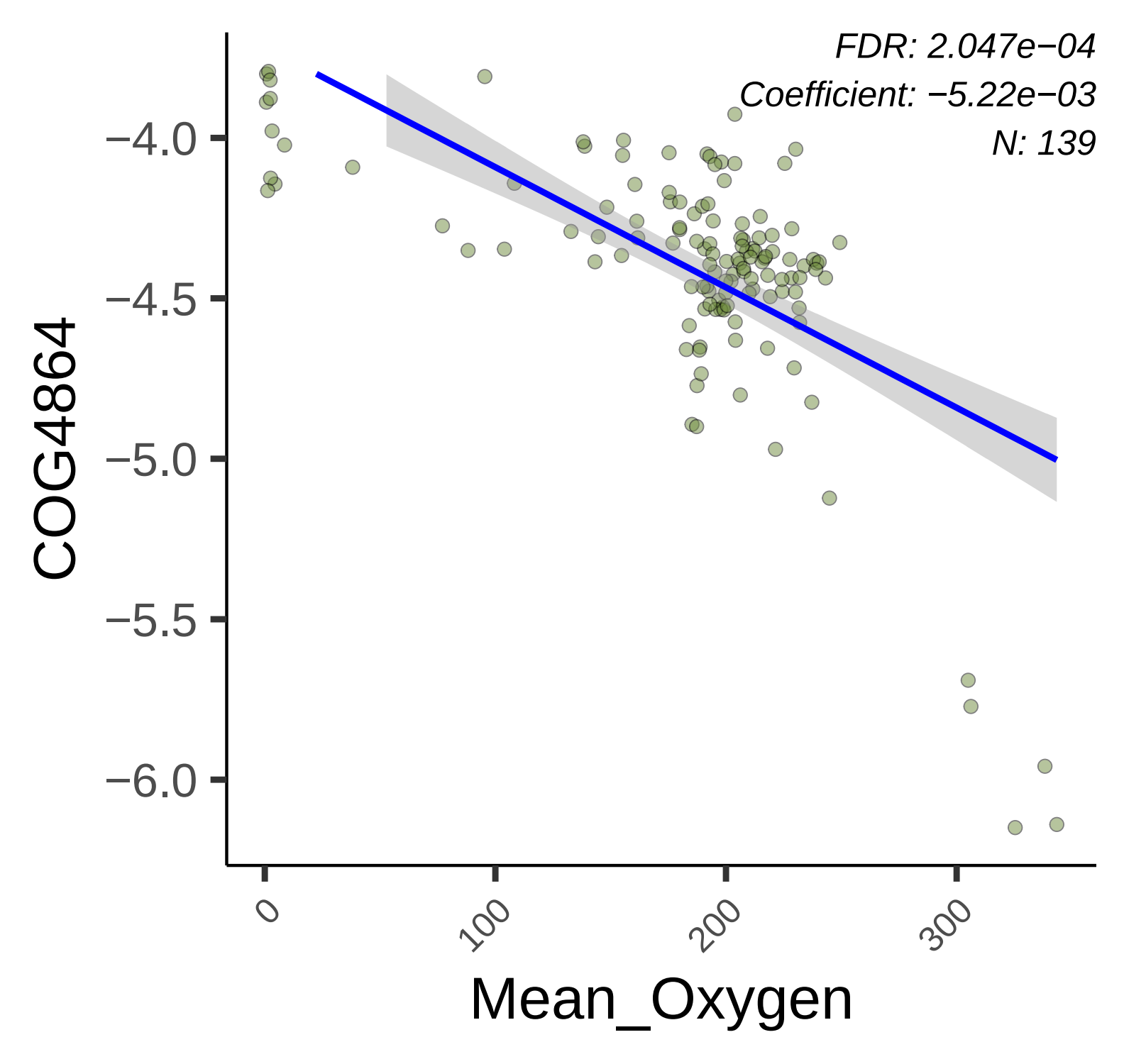
Mean_Oxygen


FDR: 2.047e−04
Coefficient: −5.22e−03
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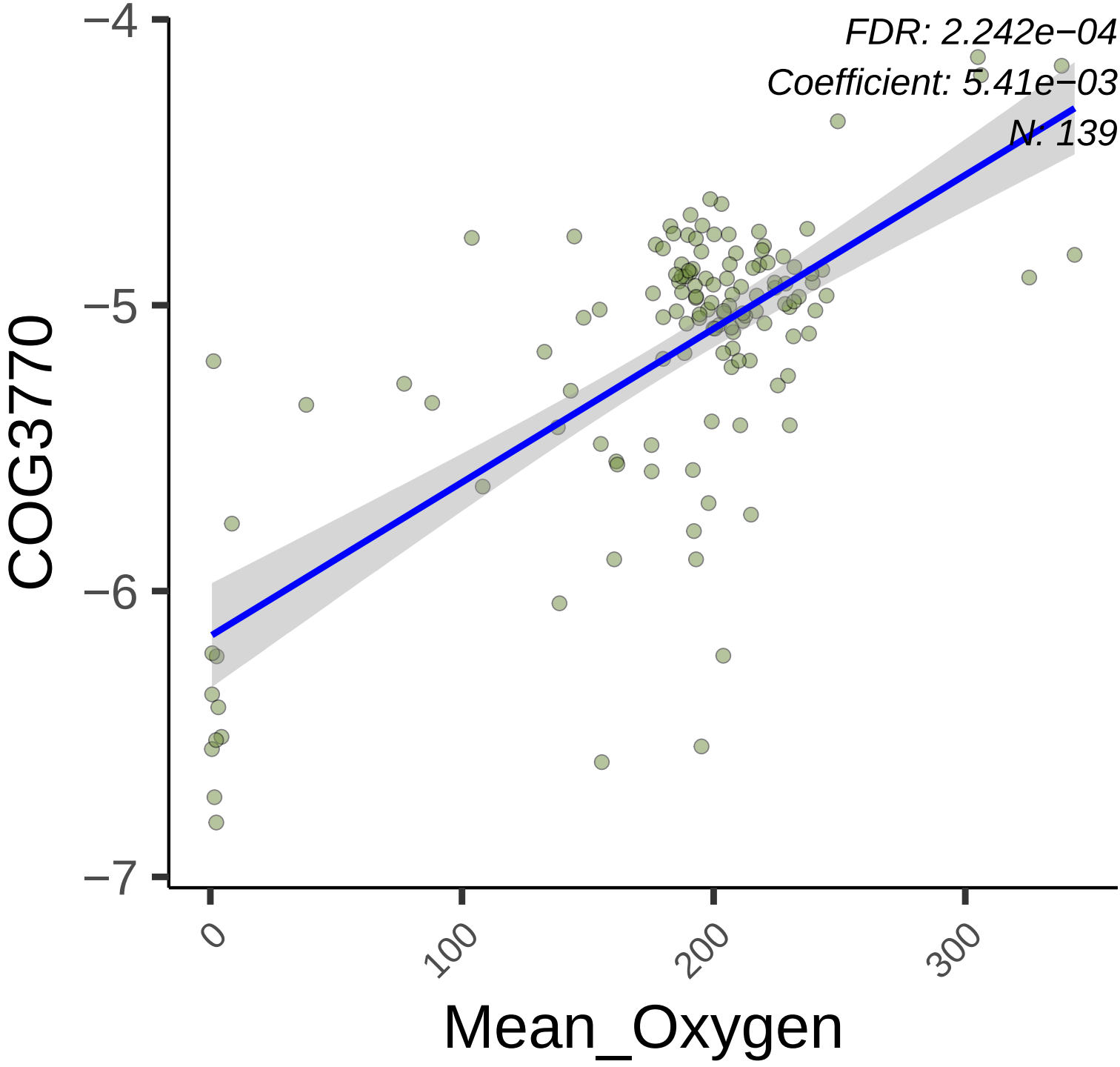
Mean_Oxygen


FDR: 2.242e−04
Coefficient: 5.41e−03
N: 139
COG3770
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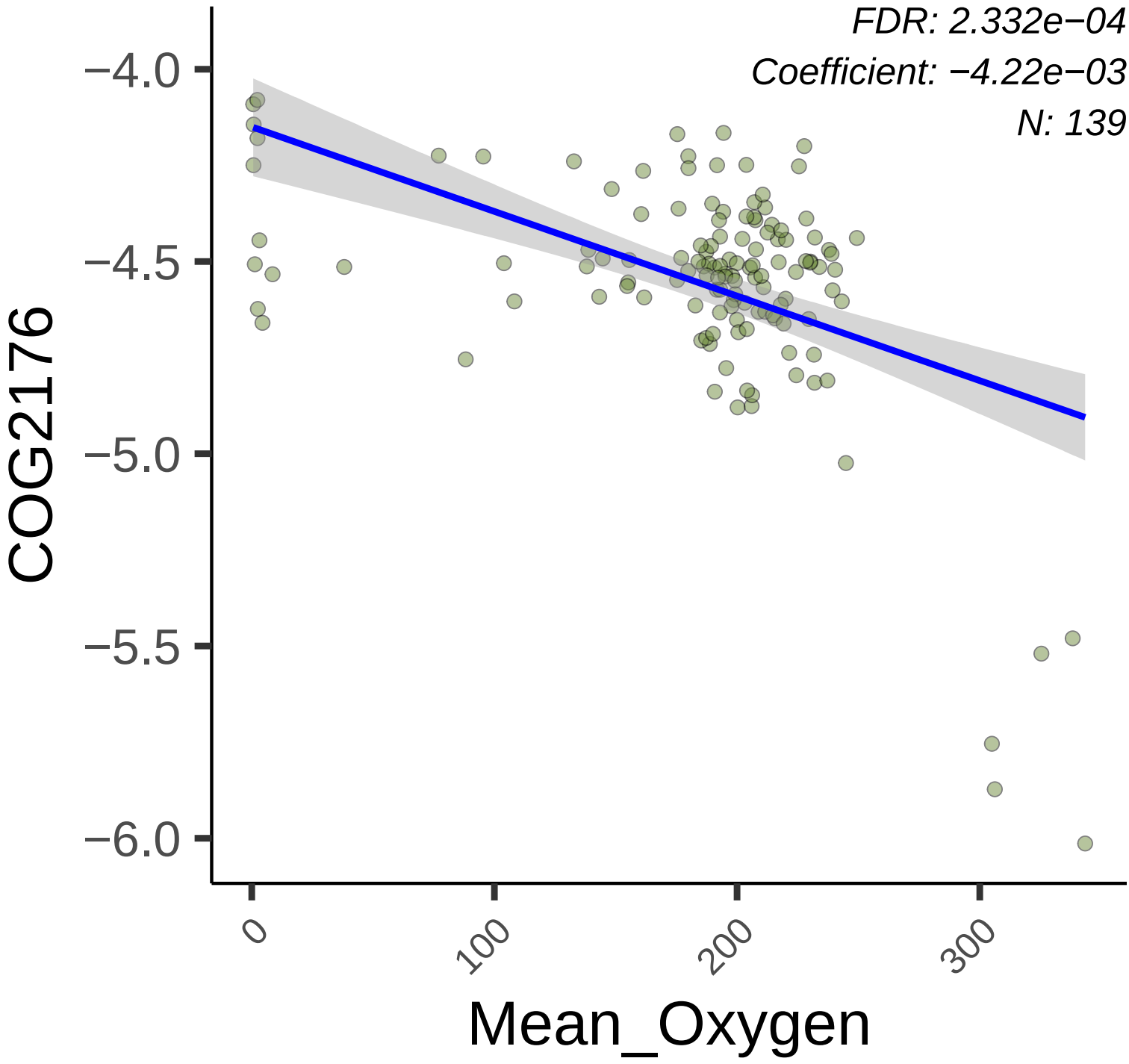
Mean_Oxygen


FDR: 2.332e−04
Coefficient: −4.22e−03
N: 139
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COG2176
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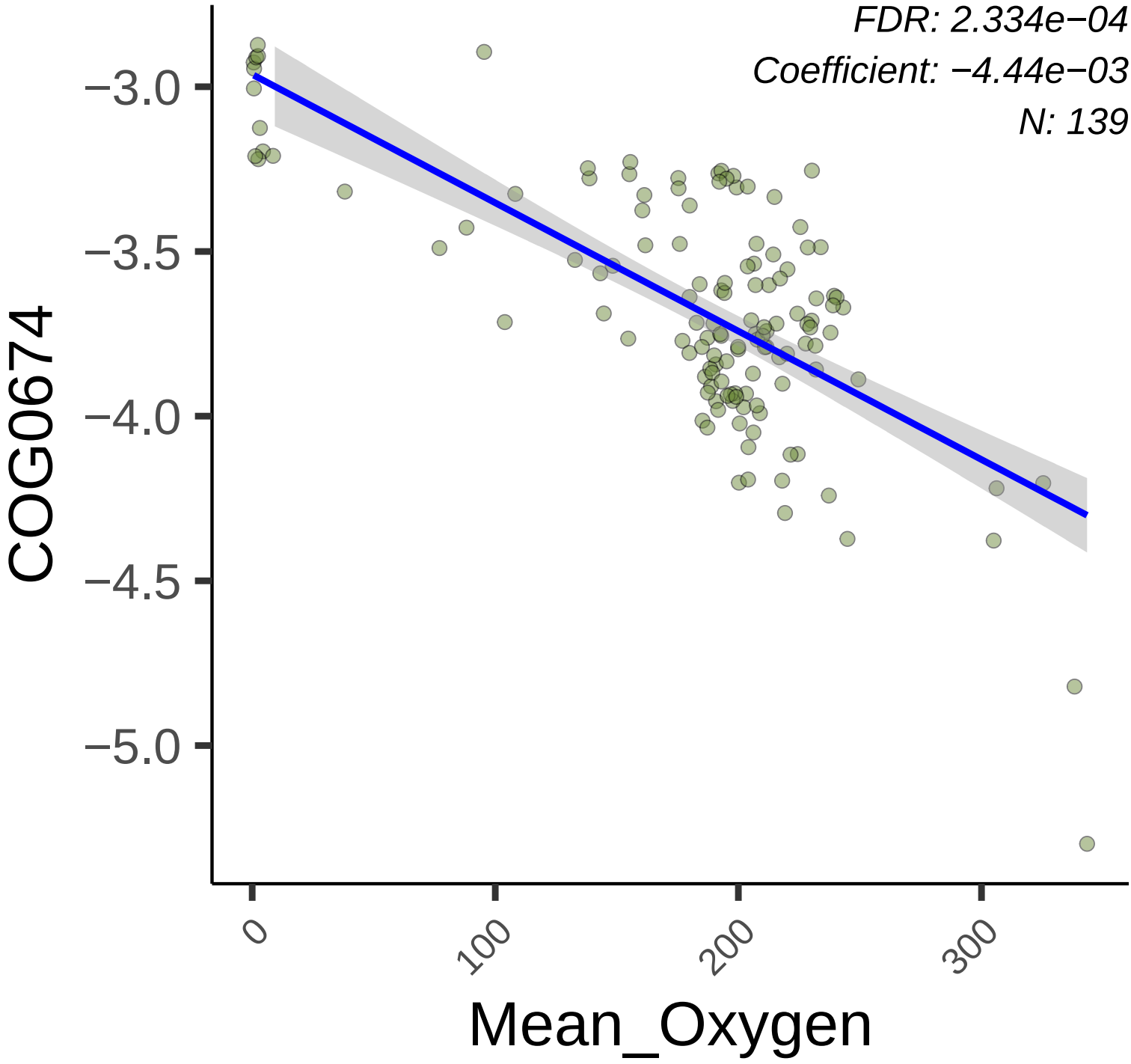
Mean_Oxygen


FDR: 2.334e−04
Coefficient: −4.44e−03
N: 139
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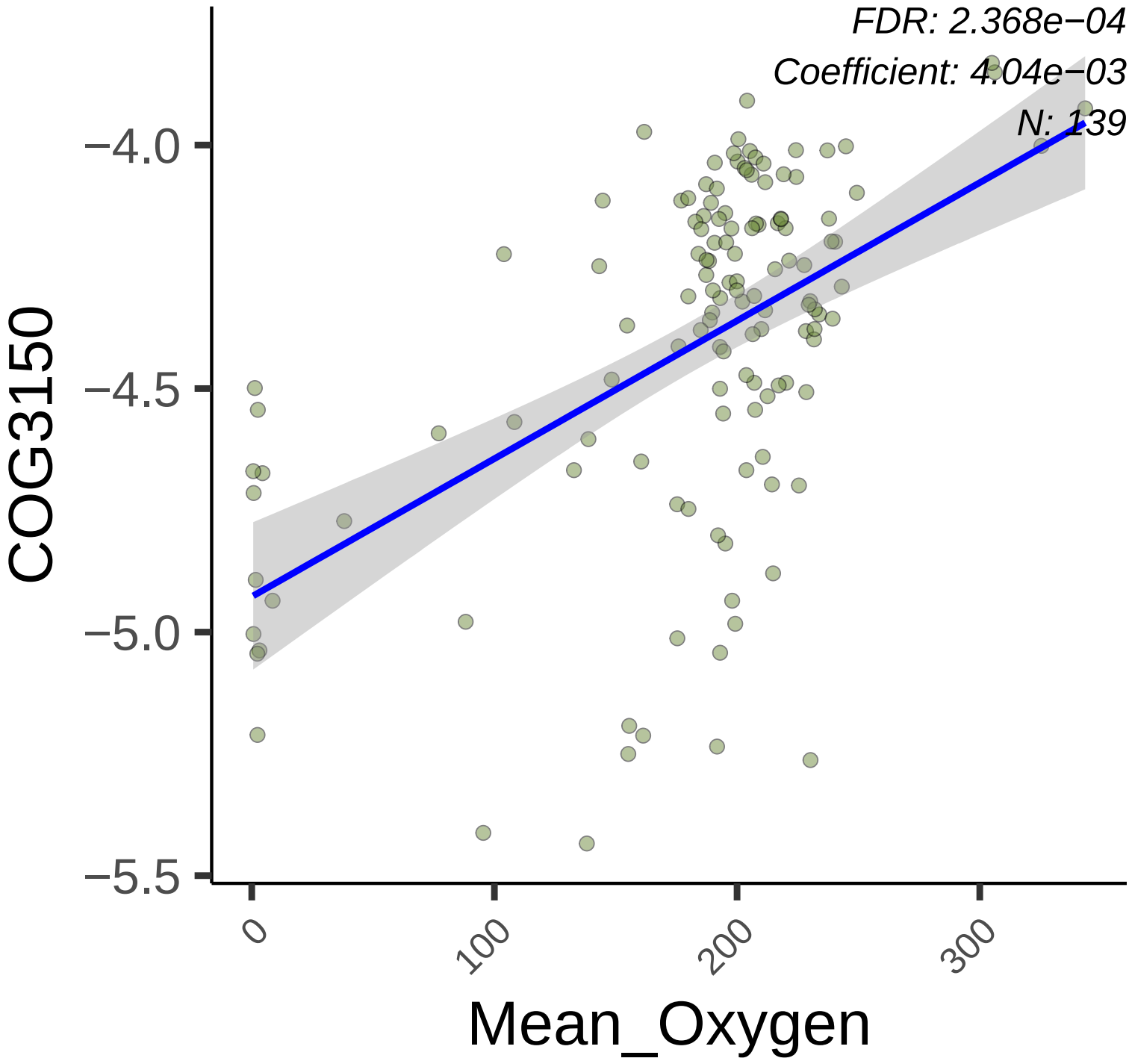
Mean_Oxygen


FDR: 2.368e−04
Coefficient: 4.04e−03
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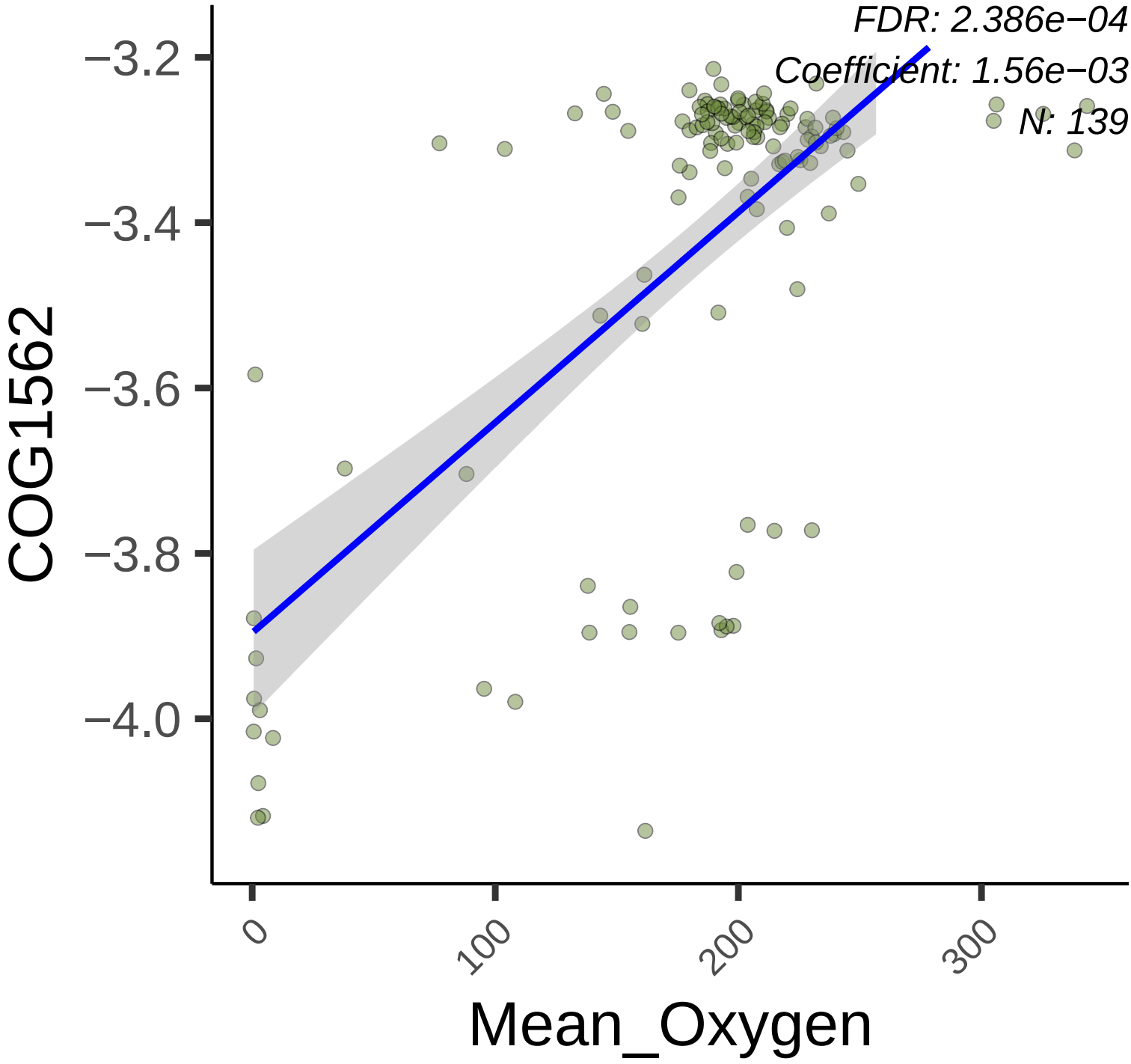
Mean_Oxygen


FDR: 2.386e−04
Coefficient: 1.56e−03
N: 139
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COG1562
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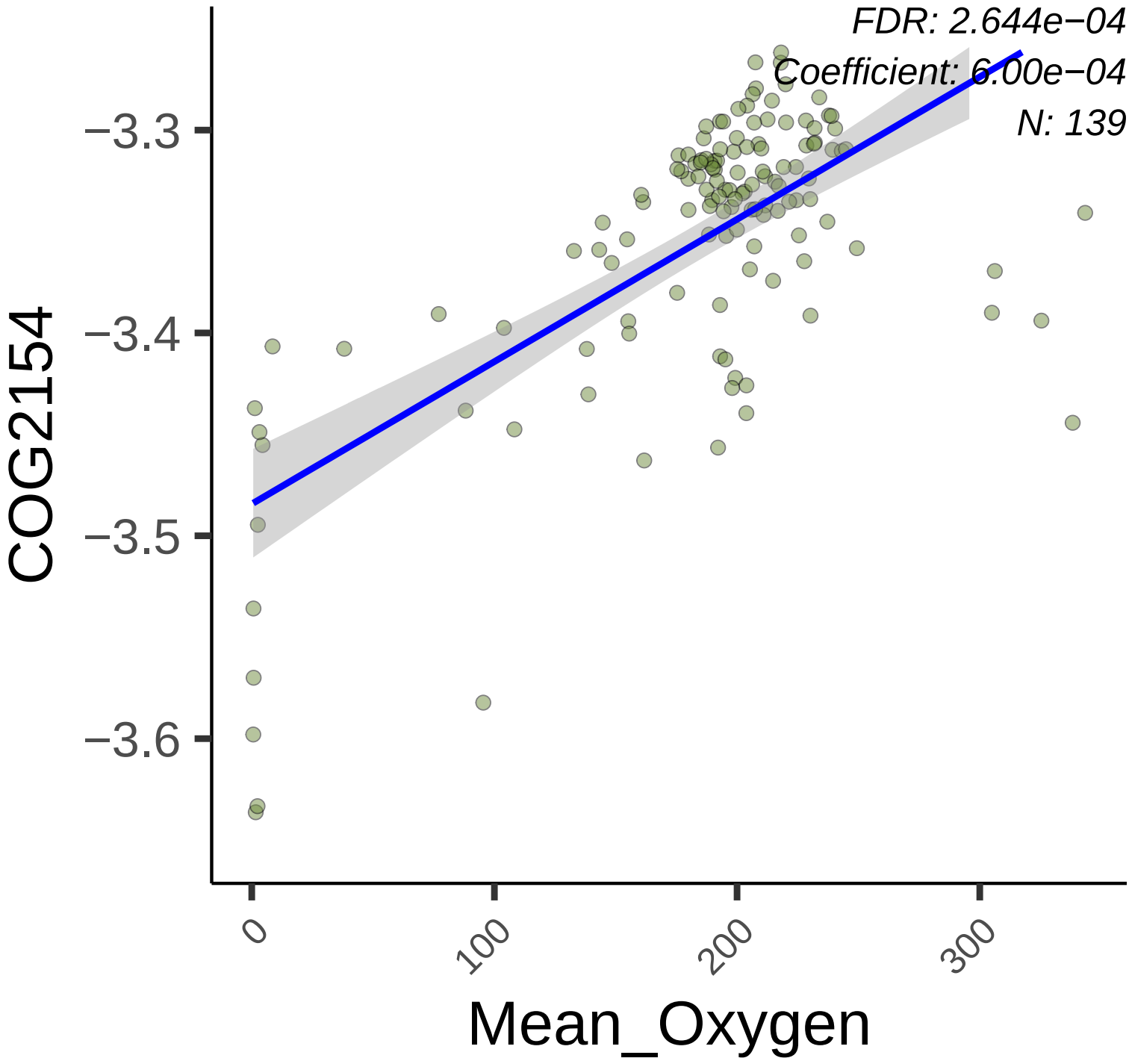
Mean_Oxygen


FDR: 2.644e−04
Coefficient: 6.00e−04
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COG2154
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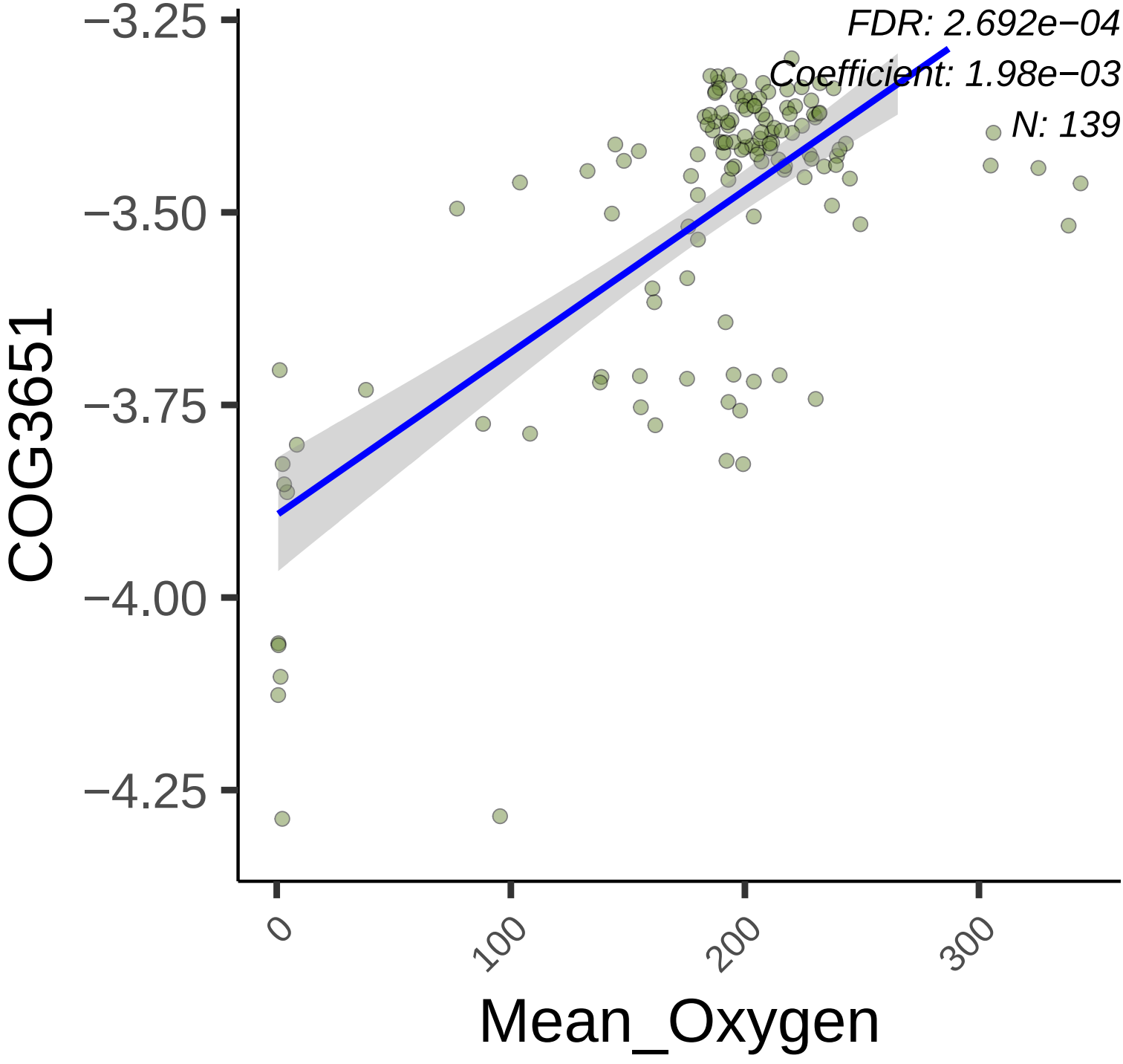
Mean_Oxygen


FDR: 2.692e−04
Coefficient: 1.98e−03
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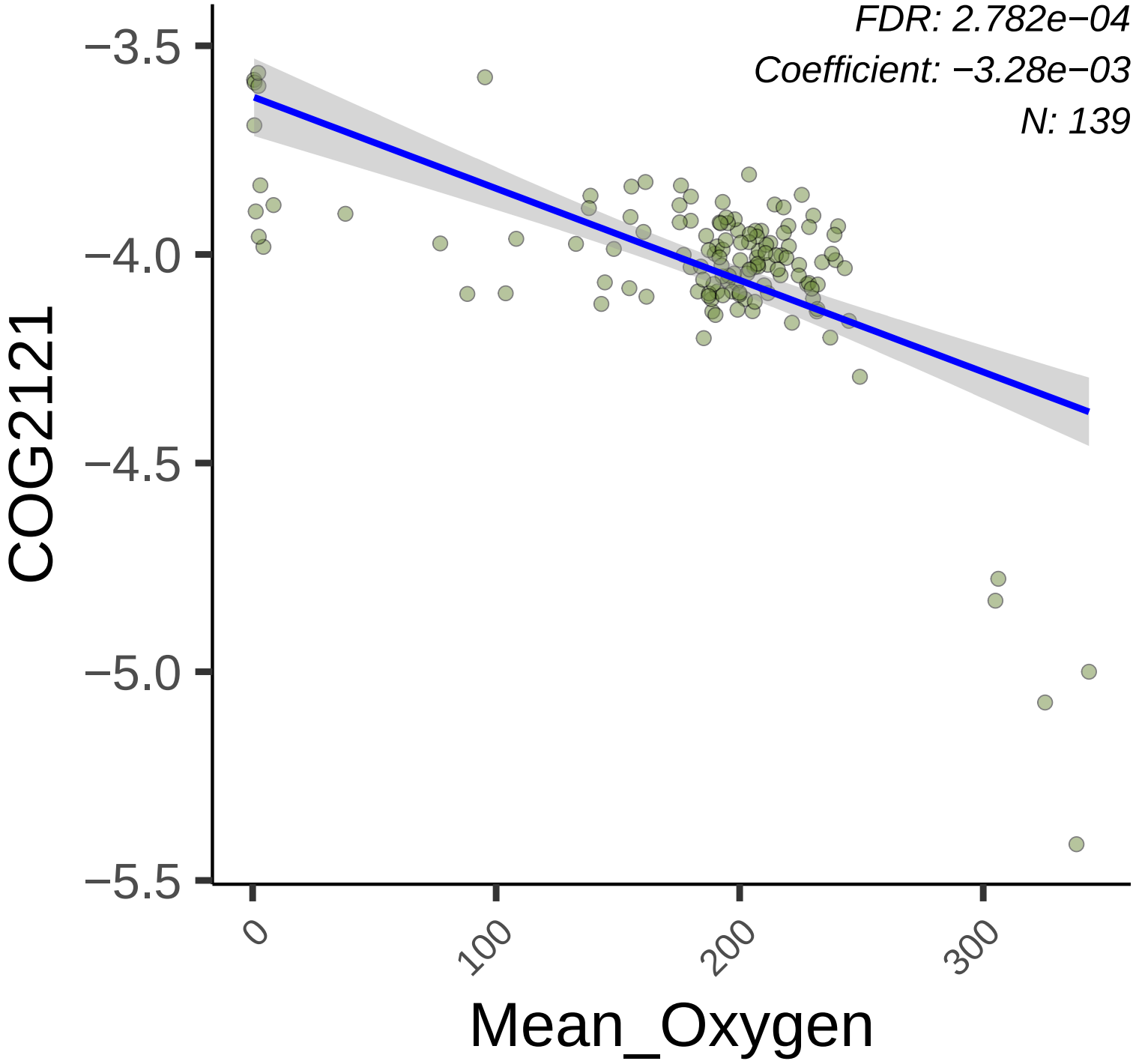
Mean_Oxygen


FDR: 2.782e−04
Coefficient: −3.28e−03
N: 139
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COG2121
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200
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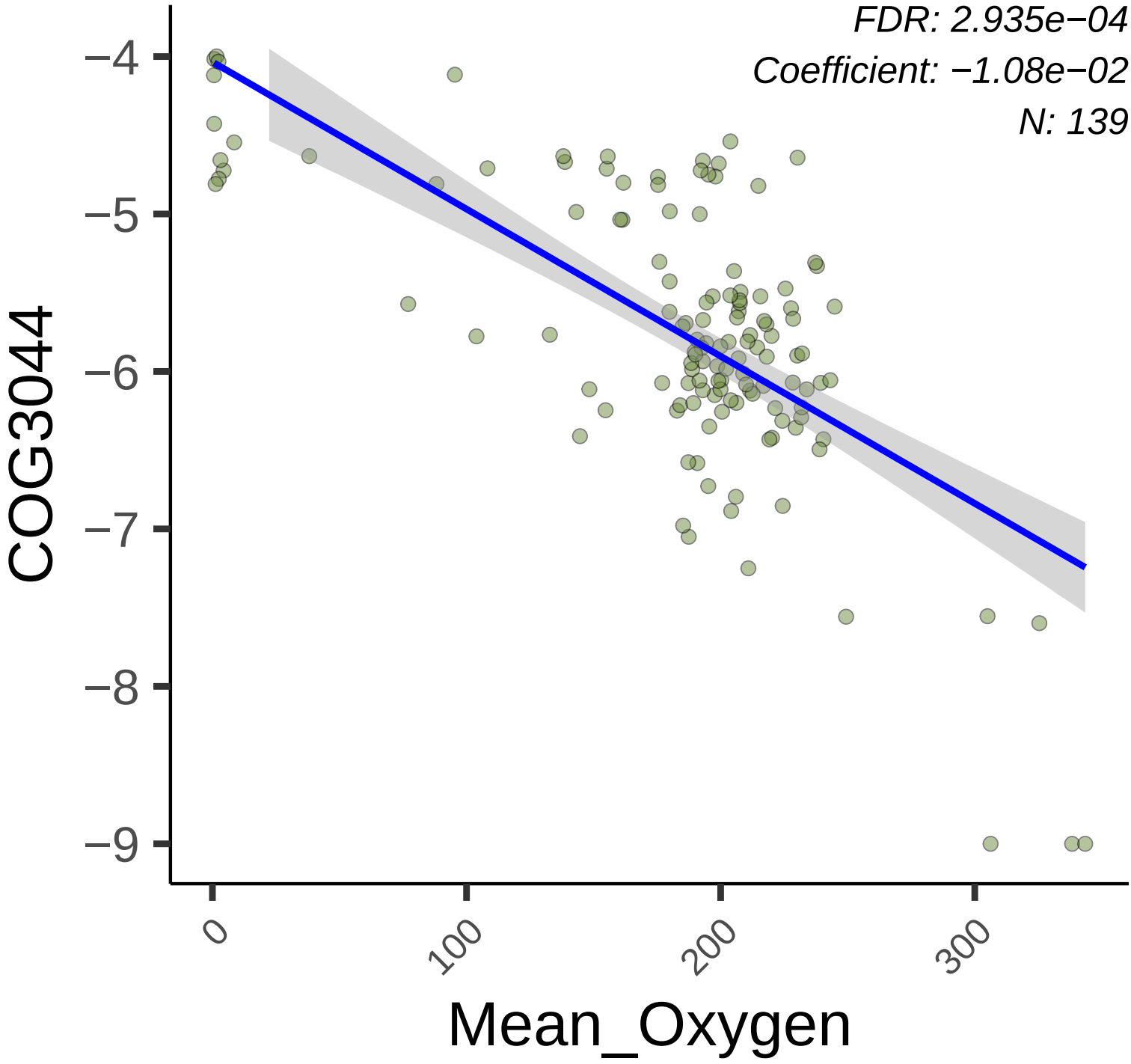
Mean_Oxygen


FDR: 2.935e−04
Coefficient: −1.08e−02
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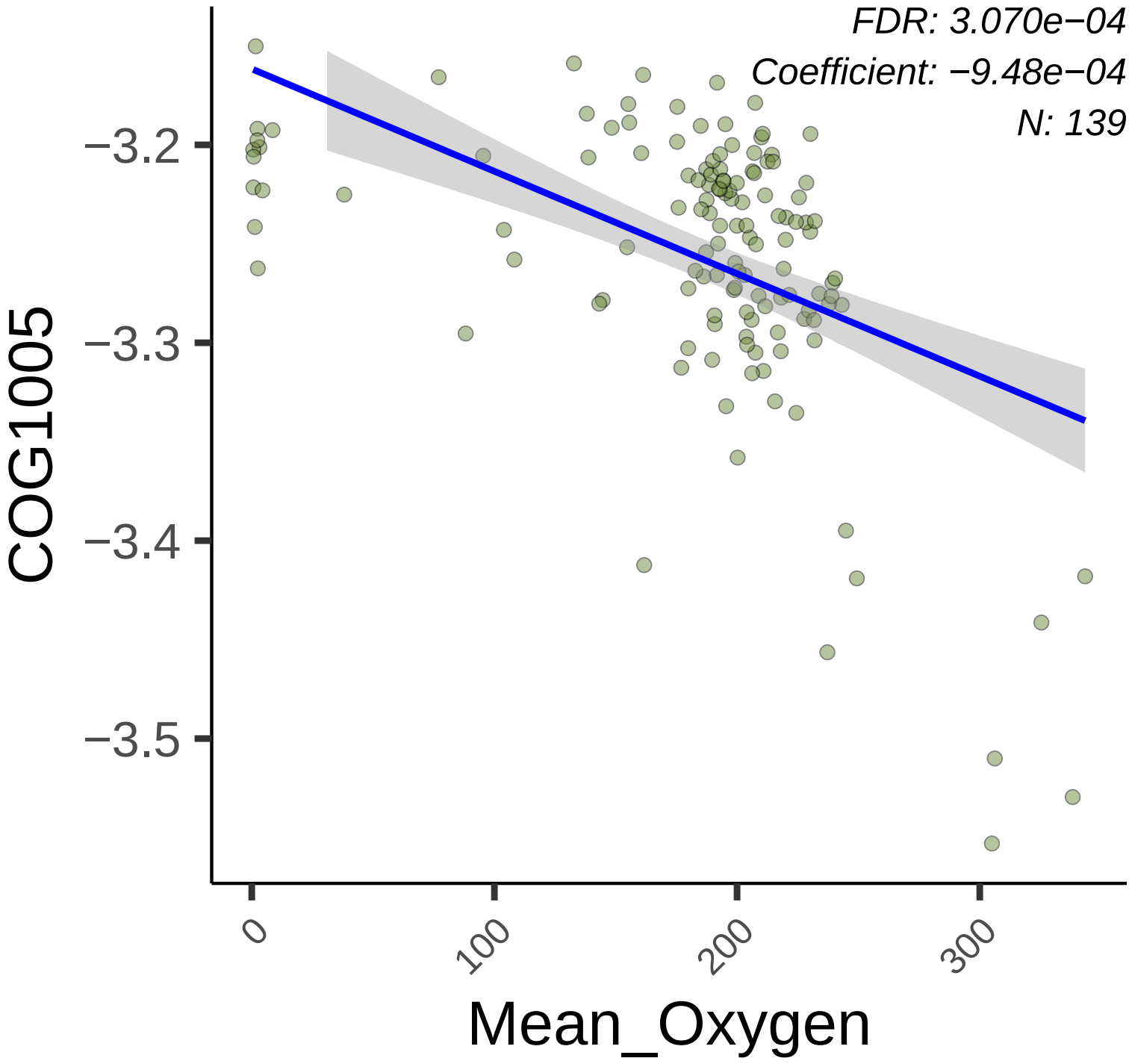
Mean_Oxygen


FDR: 3.070e−04
Coefficient: −9.48e−04
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COG1005
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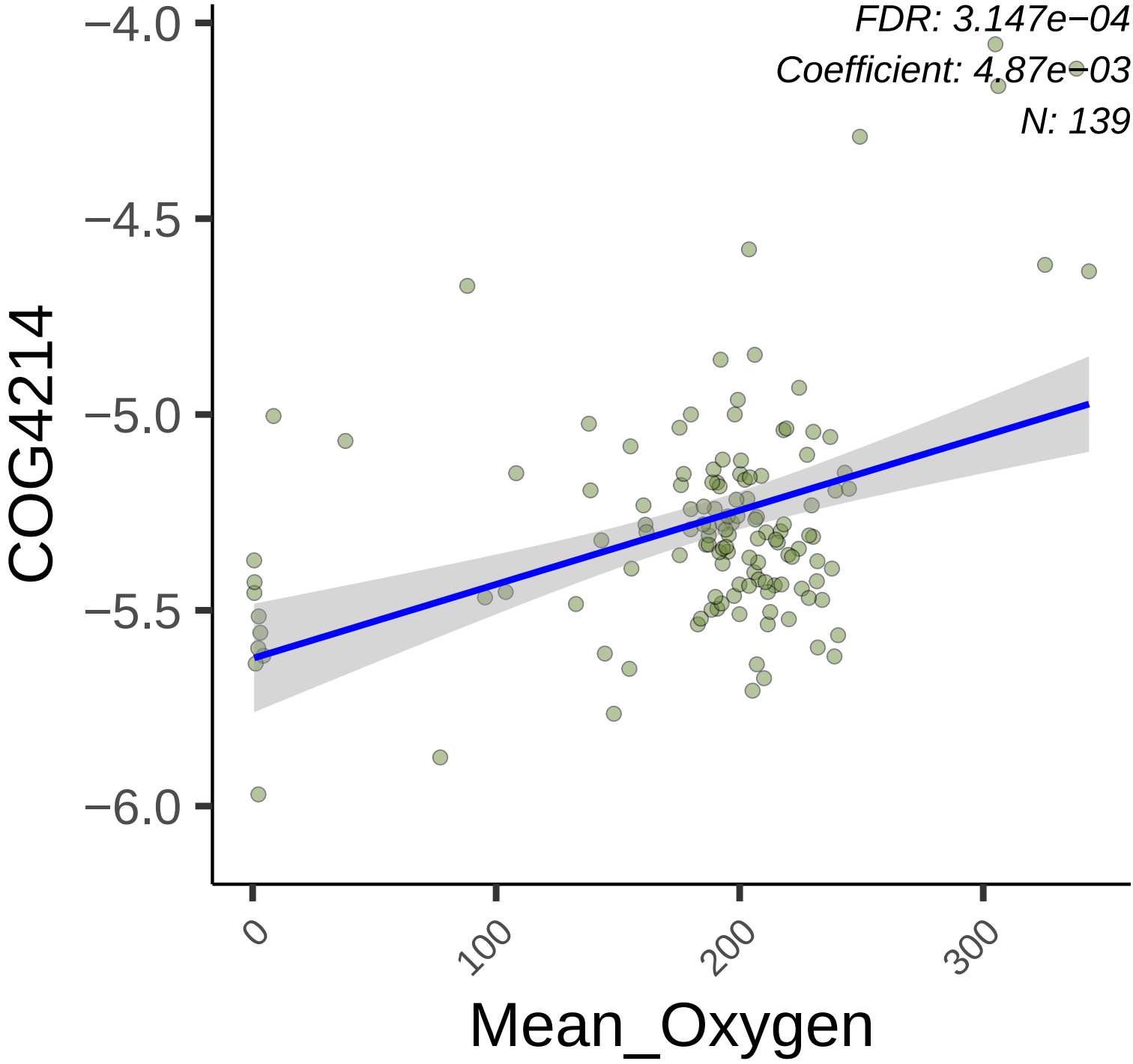
200
300
Mean_Oxygen


FDR: 3.147e−04
Coefficient: 4.87e−03
N: 139
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COG4214
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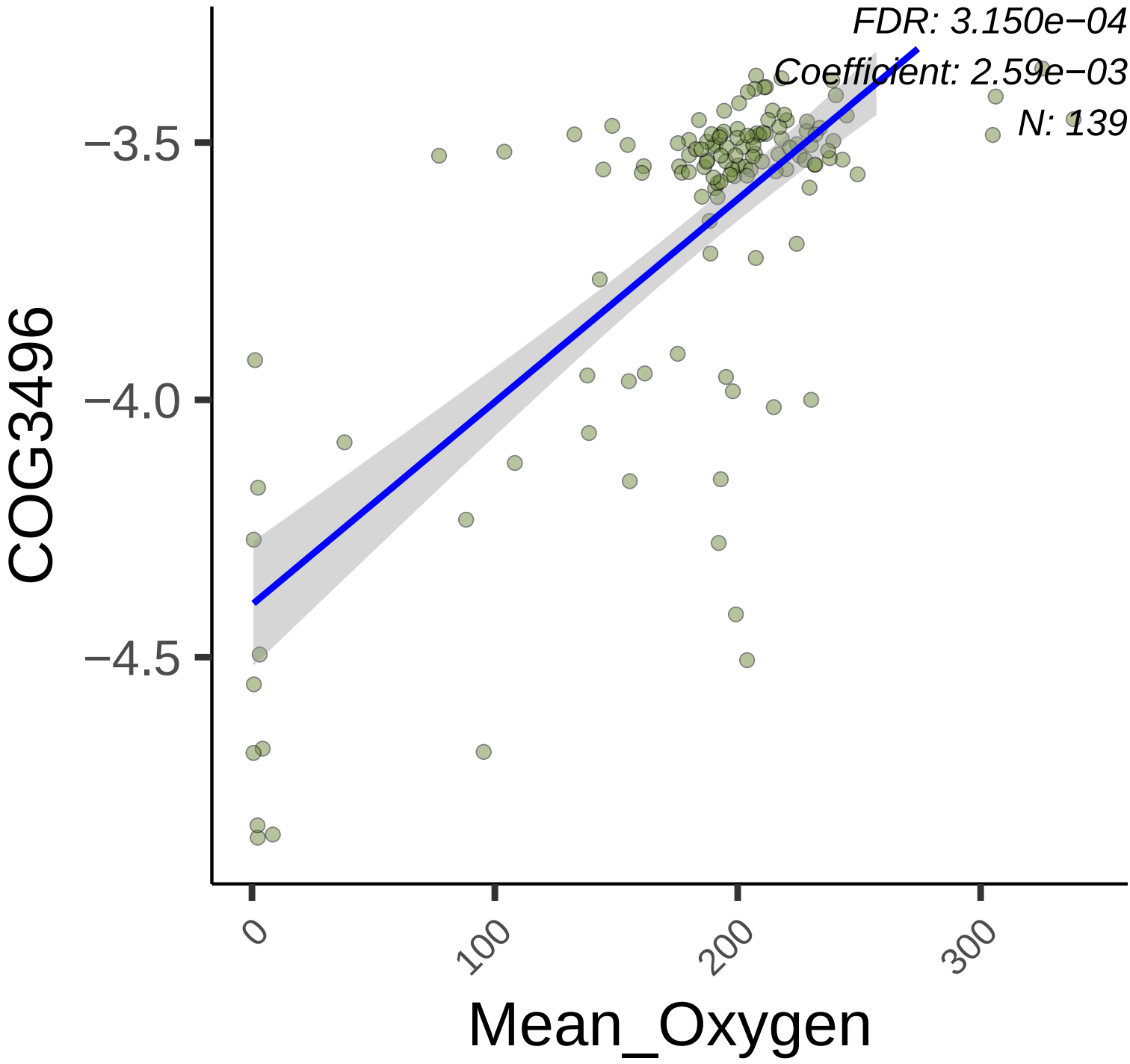
200
300
Mean_Oxygen


FDR: 3.150e−04
Coefficient: 2.59e−03
N: 139
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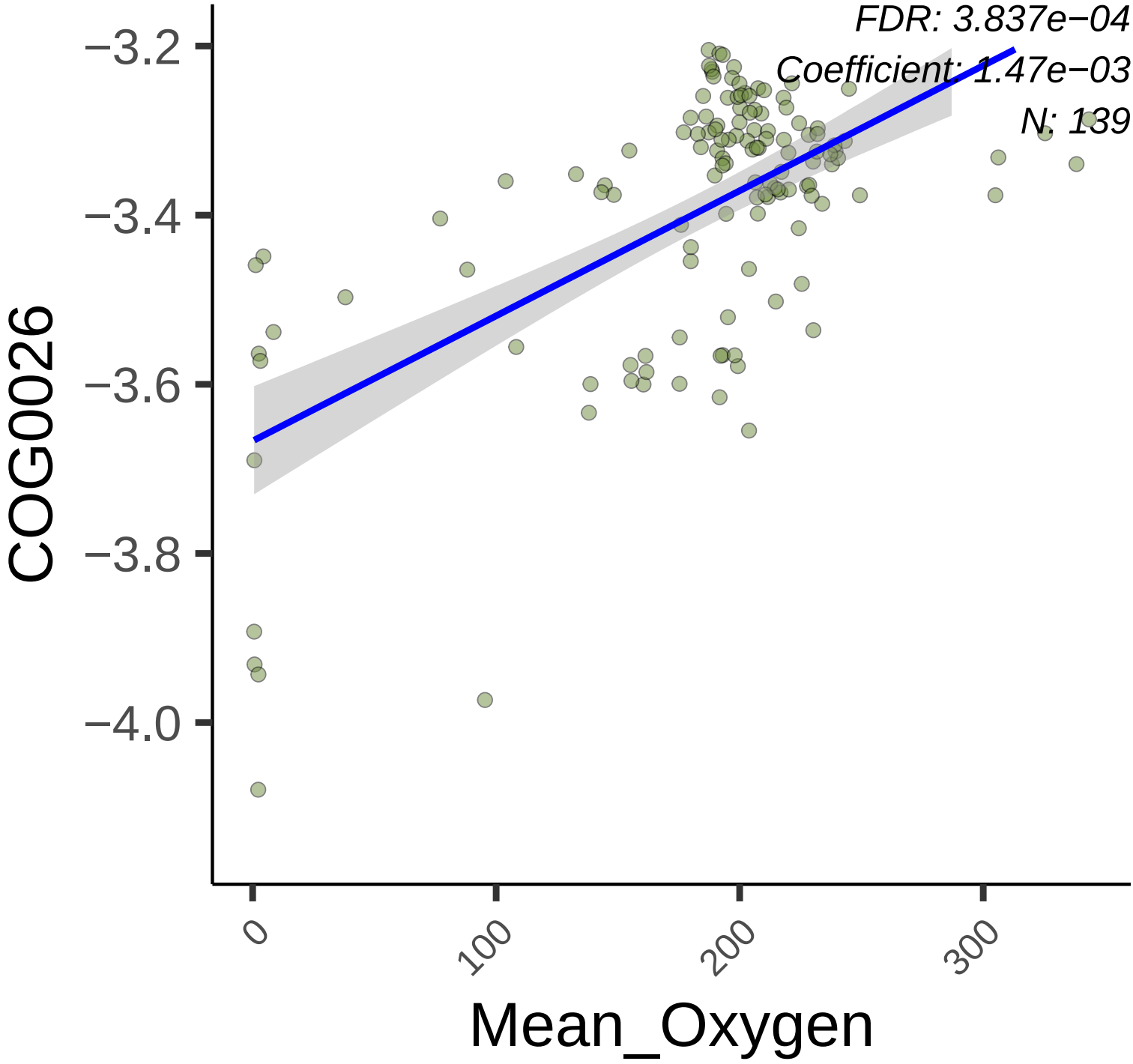
Mean_Oxygen


FDR: 3.837e−04
Coefficient: 1.47e−03
N: 139
−3.2
−3.4
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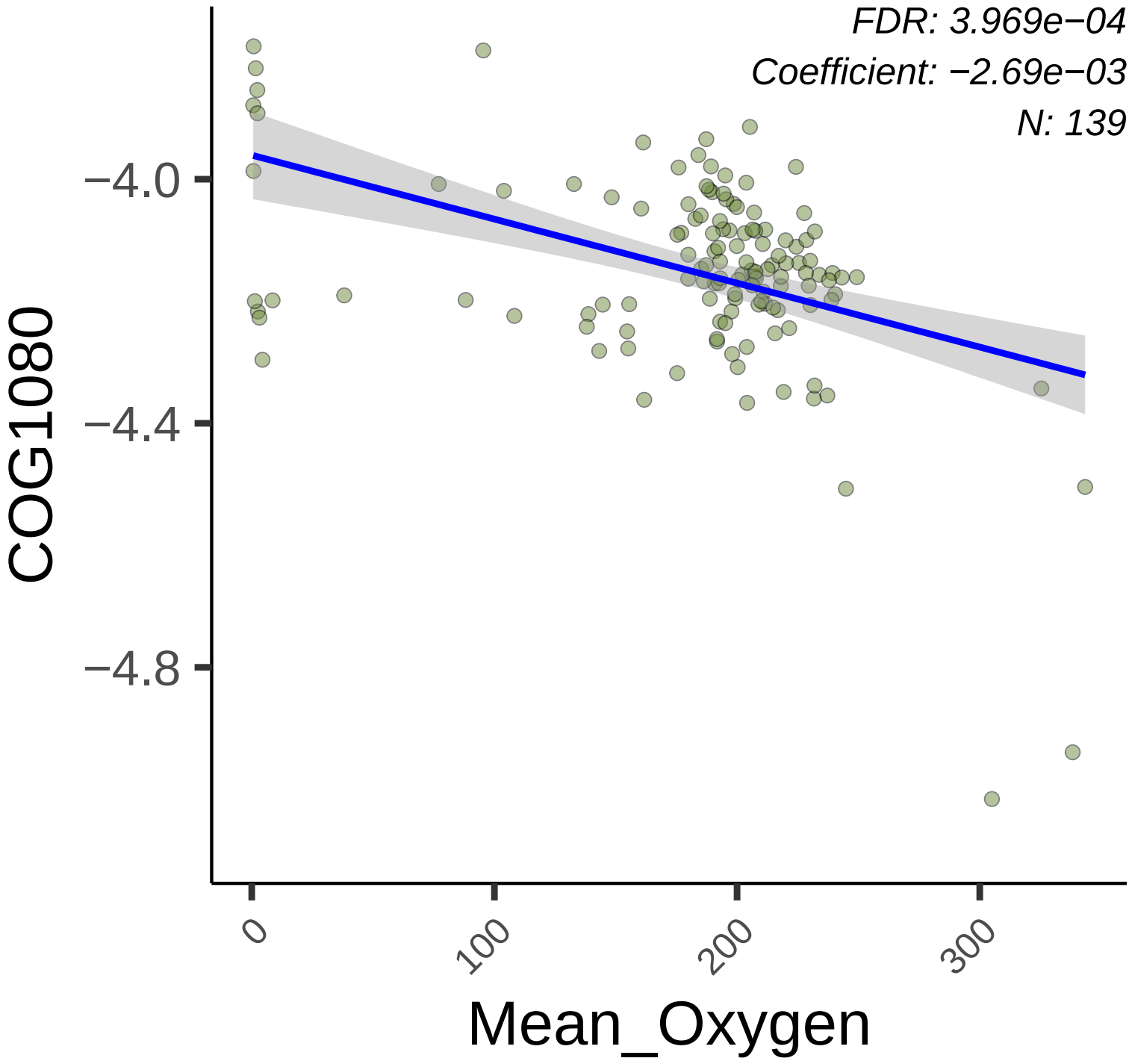
COG0026
0
100
200
300
Mean_Oxygen


FDR: 3.969e−04
Coefficient: −2.69e−03
N: 139
−4.0
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COG1080
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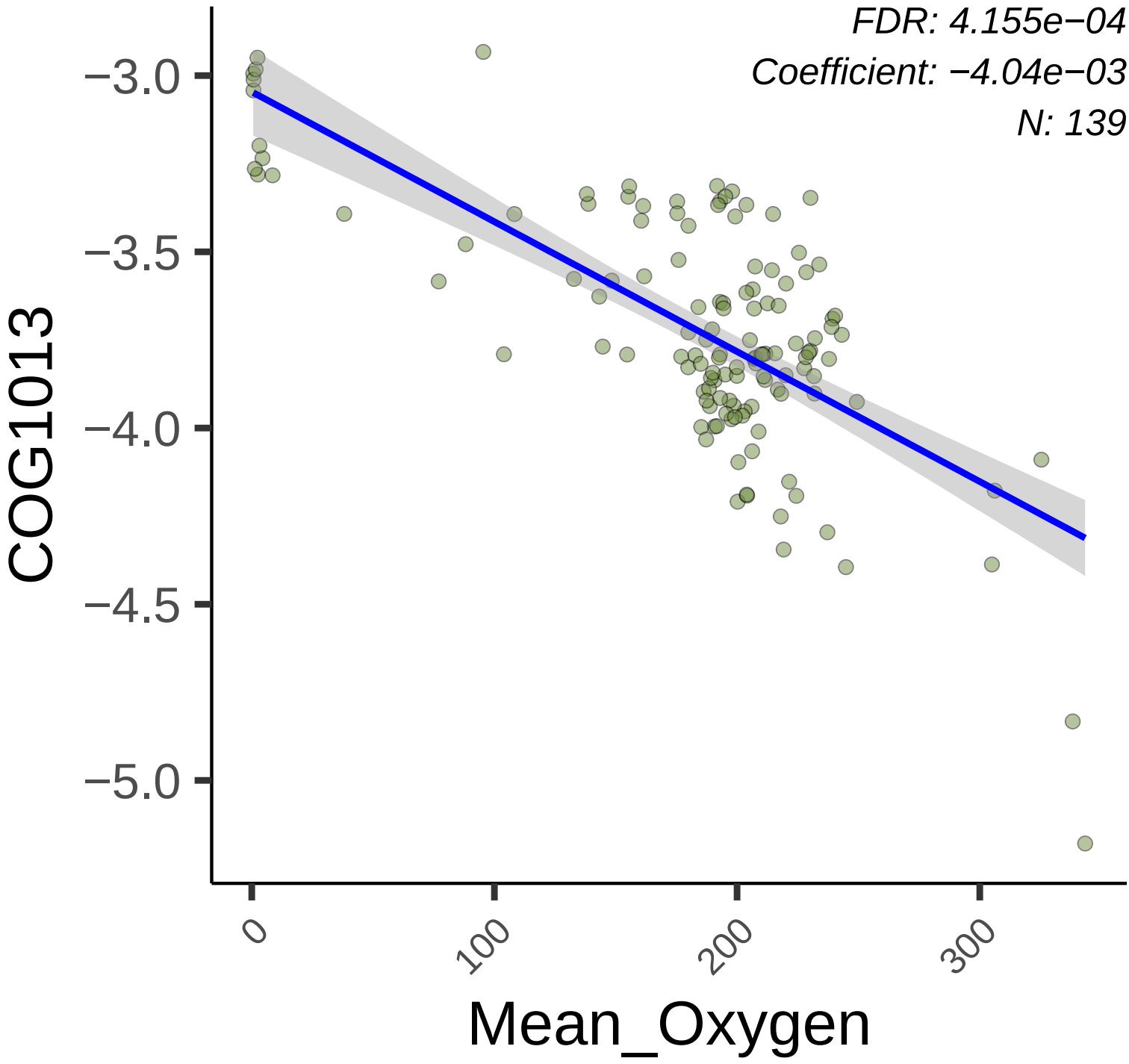
300
Mean_Oxygen


FDR: 4.155e−04
Coefficient: −4.04e−03
N: 139
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−3.5
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−4.5
−5.0
COG1013
0
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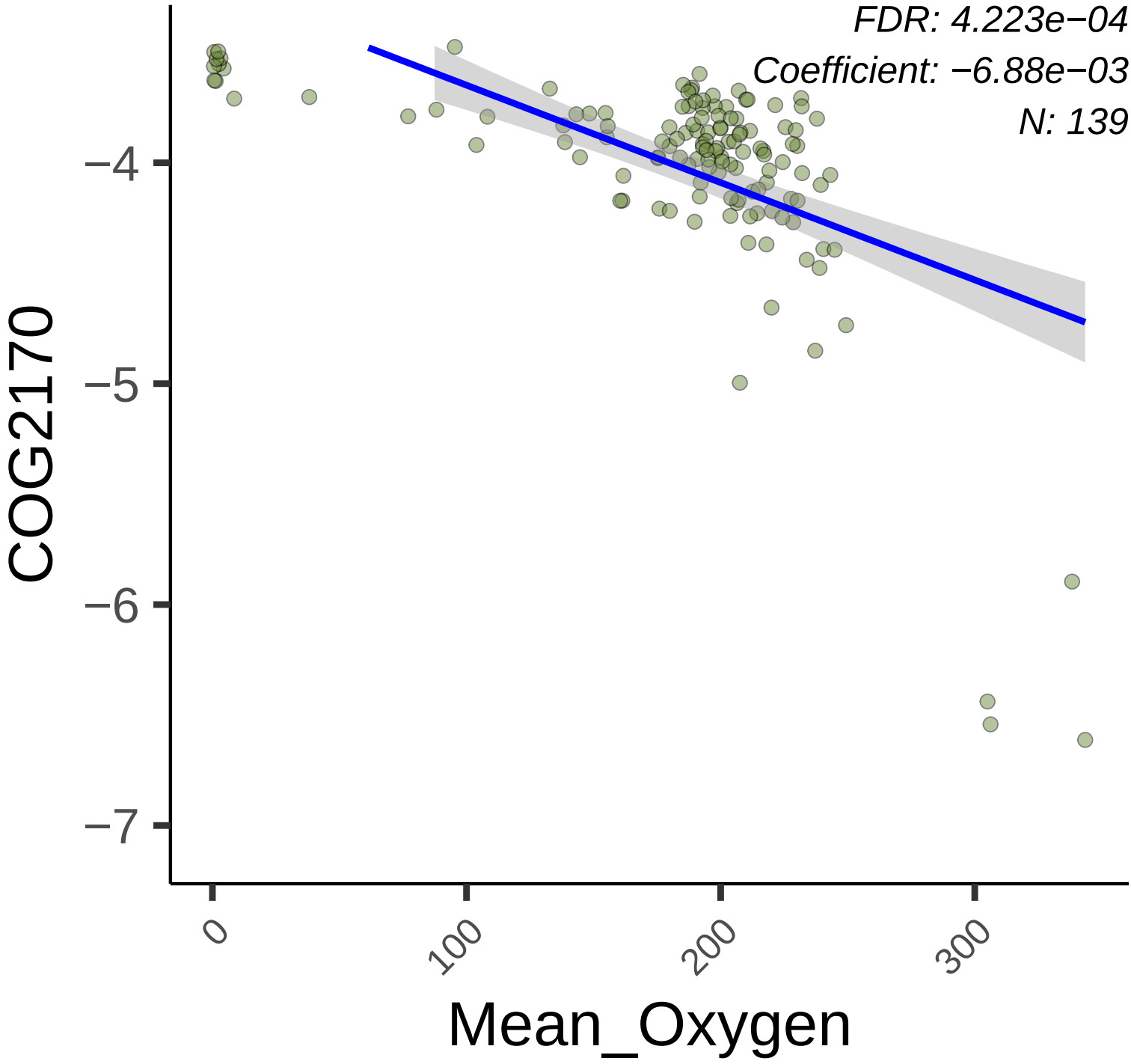
200
300
Mean_Oxygen


FDR: 4.223e−04
Coefficient: −6.88e−03
N: 139
COG2170
−4
−5
−6
−7
0
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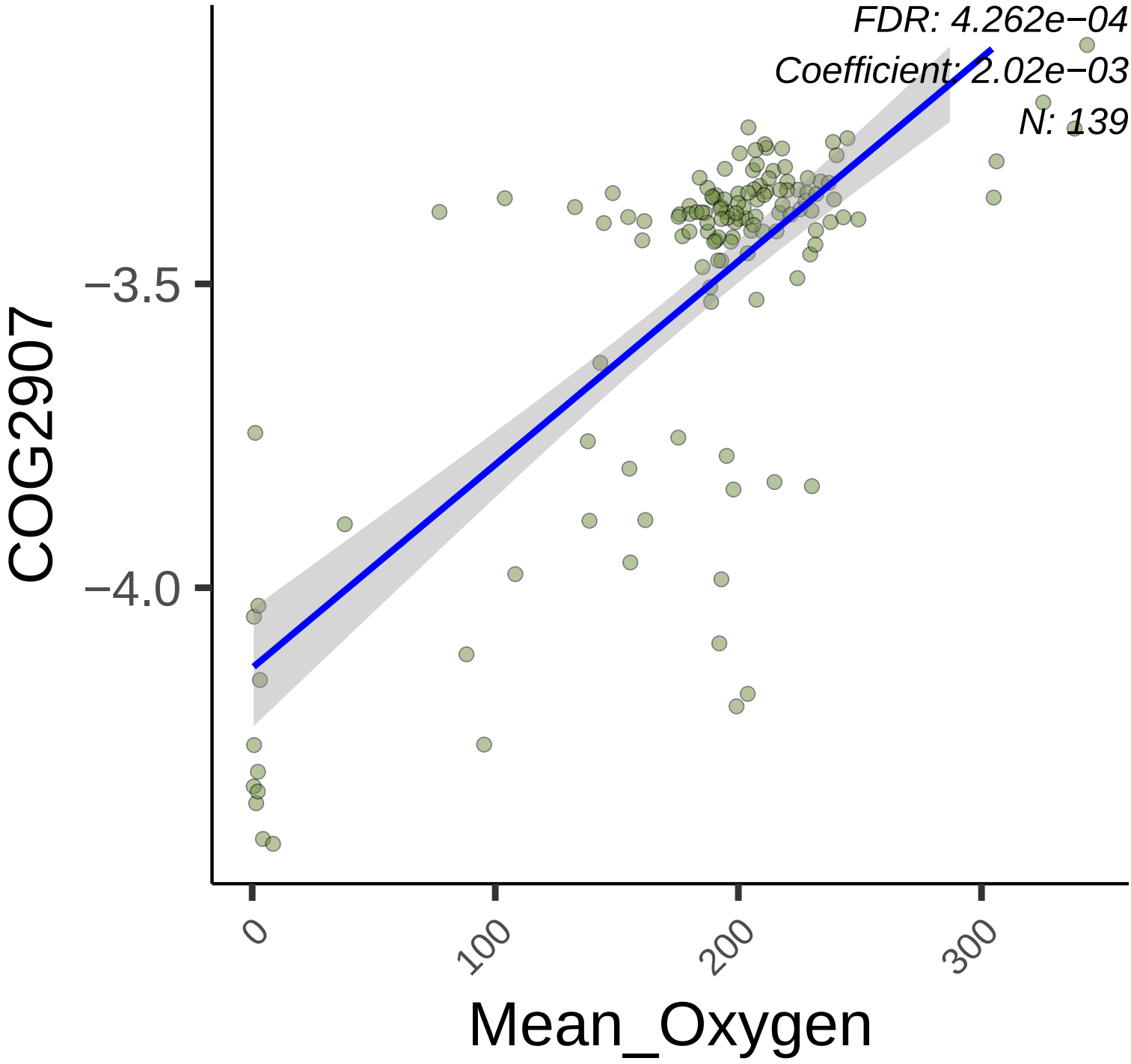
300
Mean_Oxygen


FDR: 4.262e−04
Coefficient: 2.02e−03
N: 139
COG2907
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0
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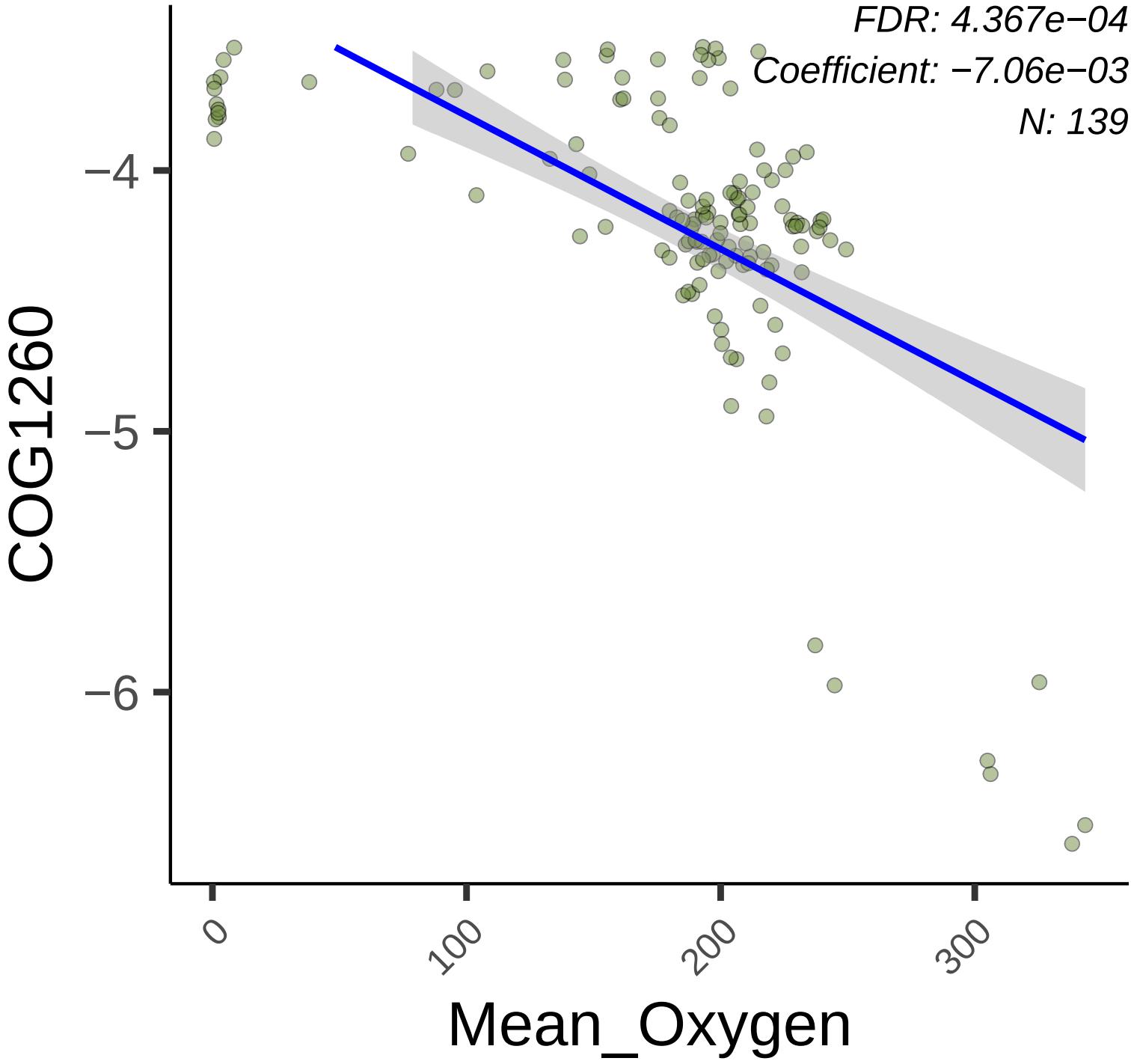
300
Mean_Oxygen


FDR: 4.367e−04
Coefficient: −7.06e−03
N: 139
COG1260
−4
−5
−6
0
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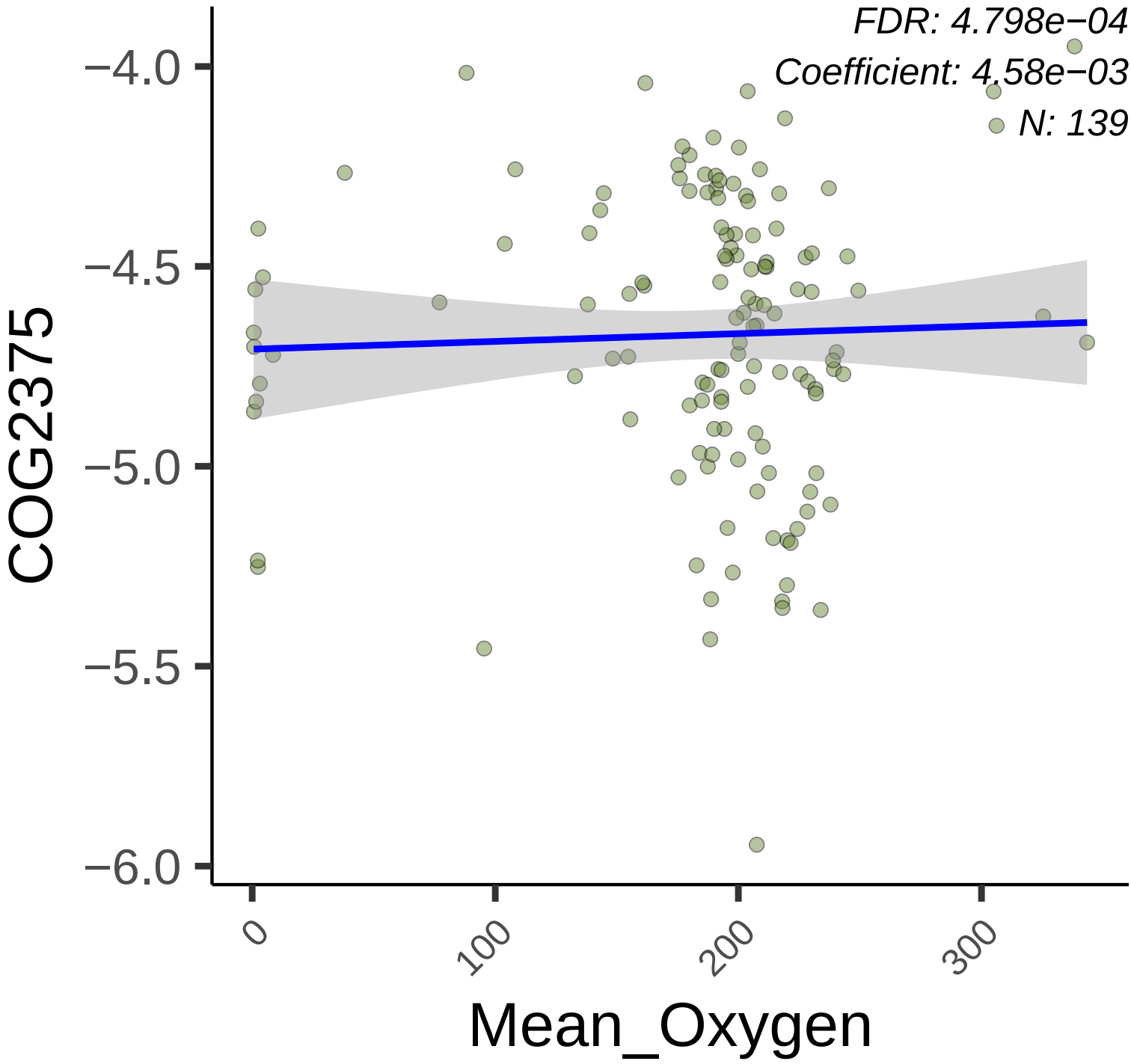
300
Mean_Oxygen


FDR: 4.798e−04
Coefficient: 4.58e−03
N: 139
−4.0
−4.5
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−5.5
−6.0
COG2375
0
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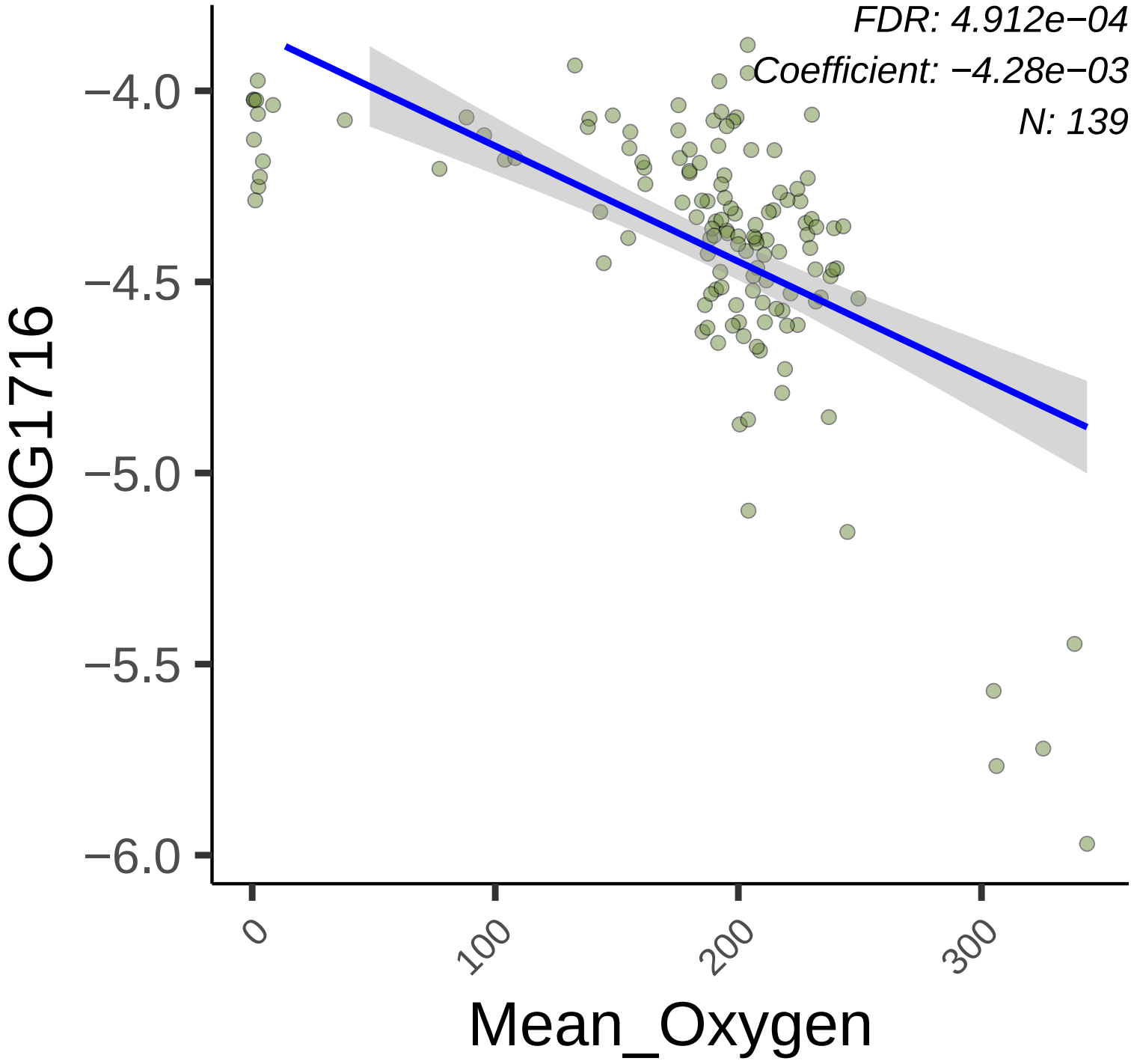
200
300
Mean_Oxygen


FDR: 4.912e−04
Coefficient: −4.28e−03
N: 139
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−4.5
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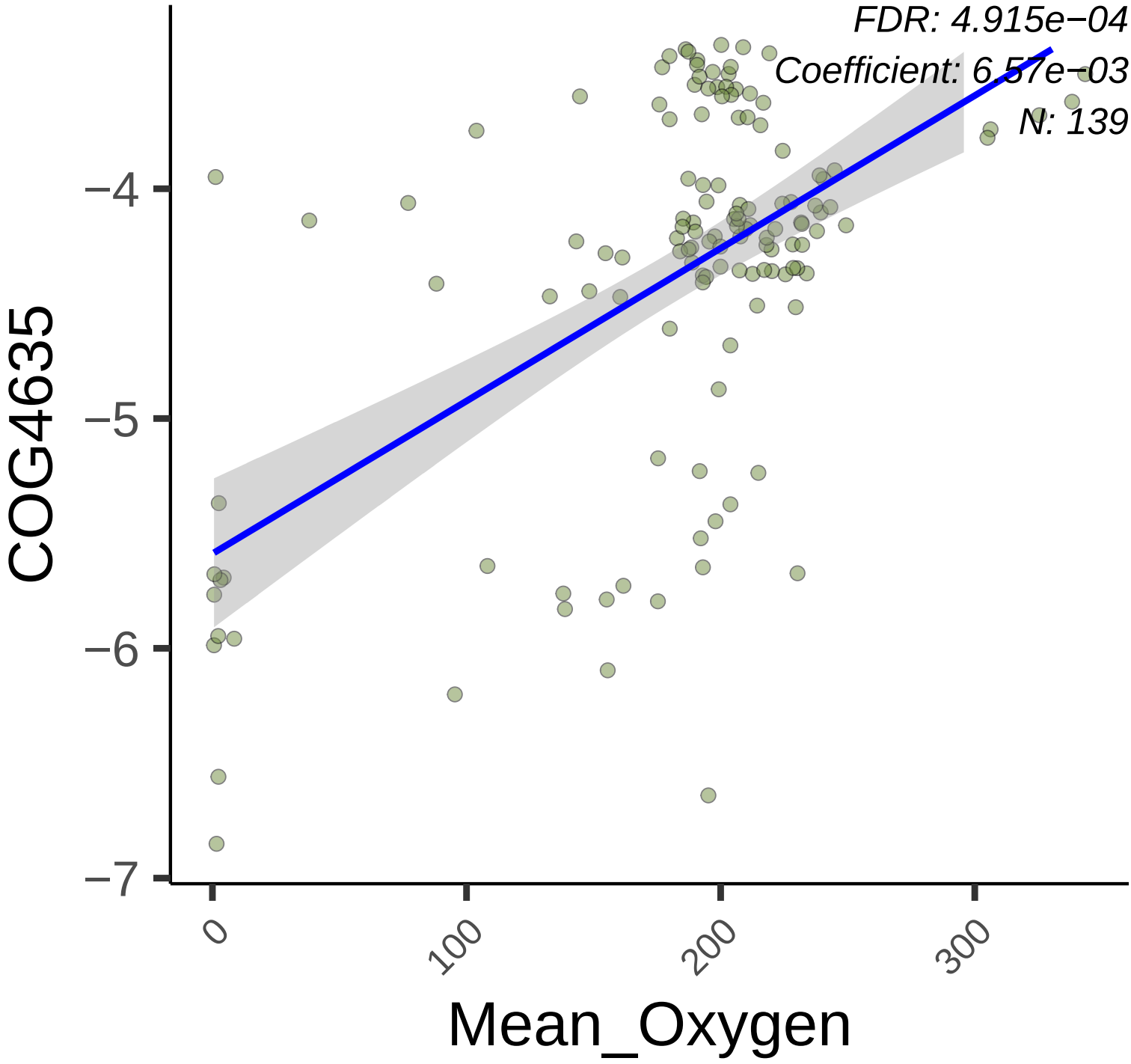
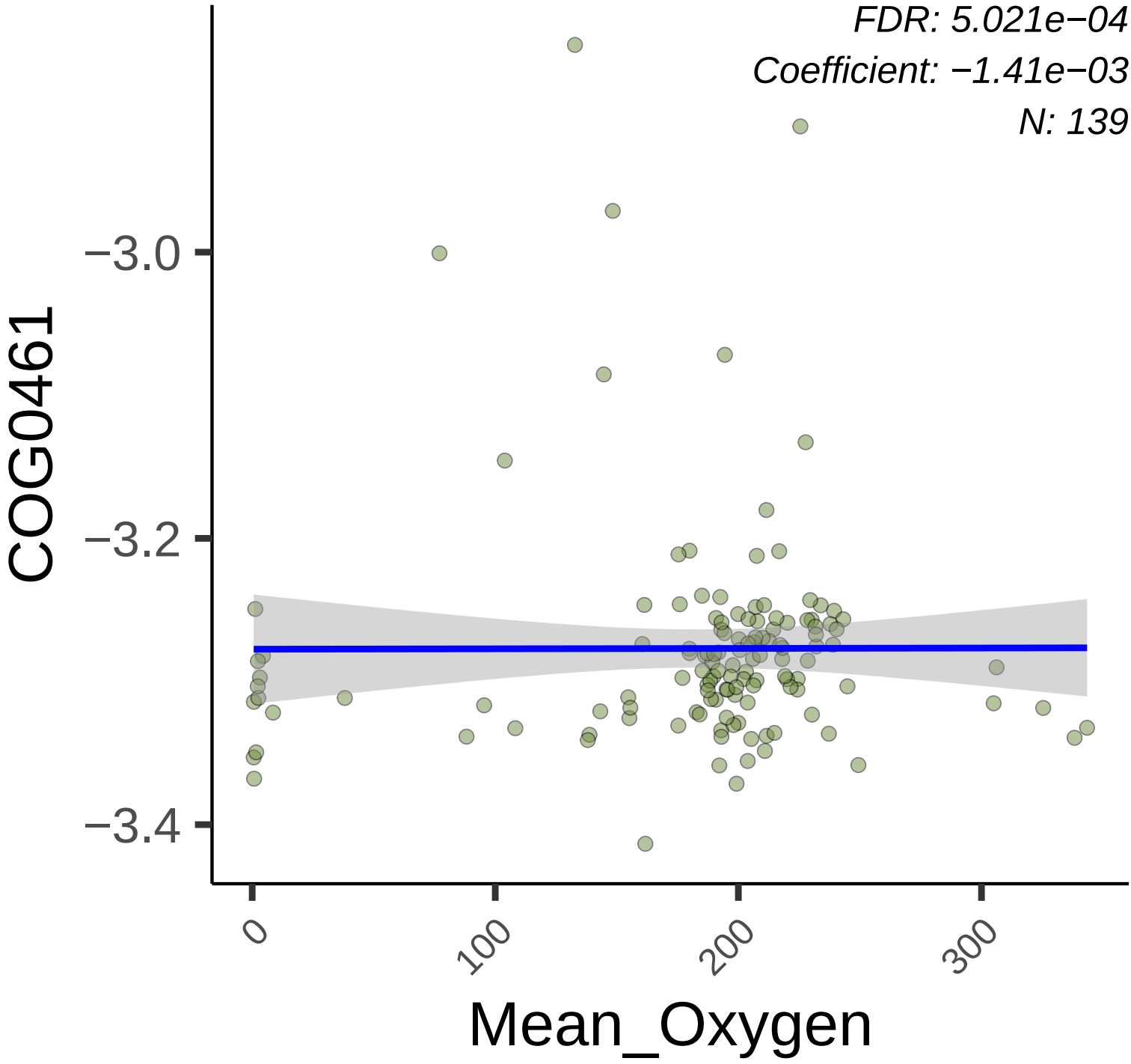
−5.5
−6.0
COG1716
0
100
200
300
Mean_Oxygen


FDR: 4.915e−04
Coefficient: 6.57e−03
N: 139
COG4635
−4
−5
−6
−7
0
100
200
300
Mean_Oxygen


FDR: 5.021e−04
Coefficient: −1.41e−03
N: 139
COG0461
−3.0
−3.2
−3.4
0
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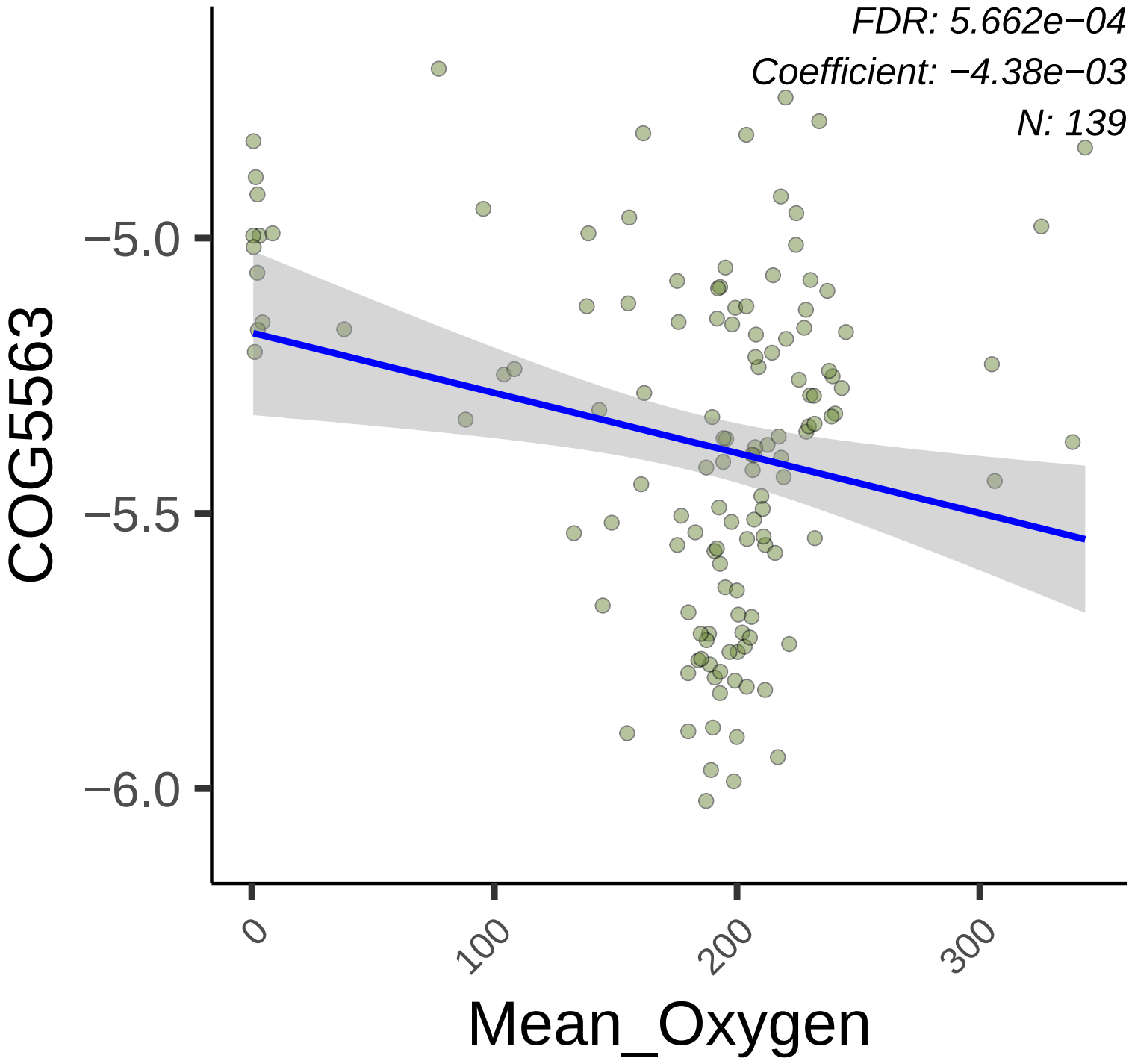
200
300
Mean_Oxygen


FDR: 5.662e−04
Coefficient: −4.38e−03
N: 139
−5.0
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COG5563
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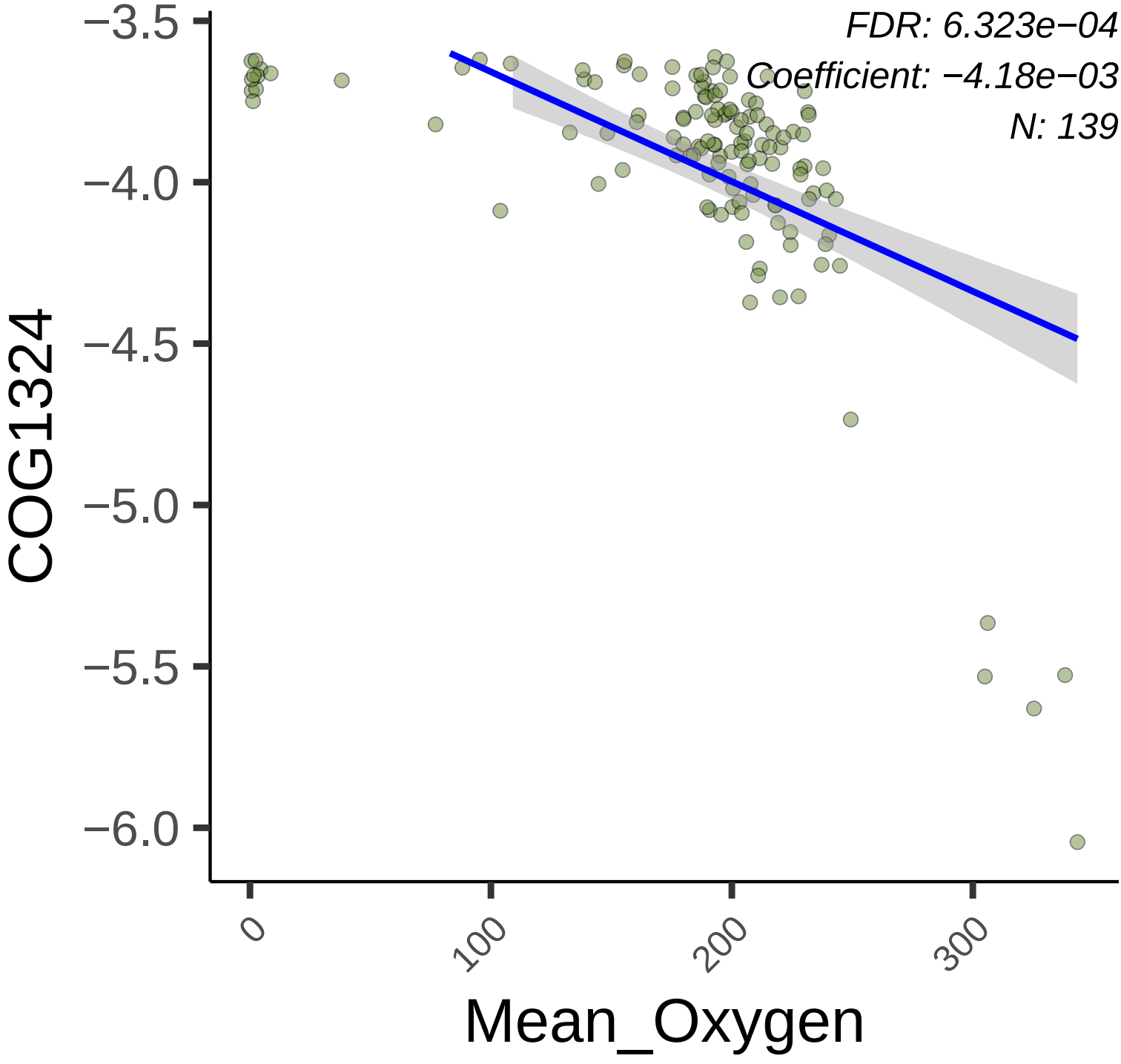
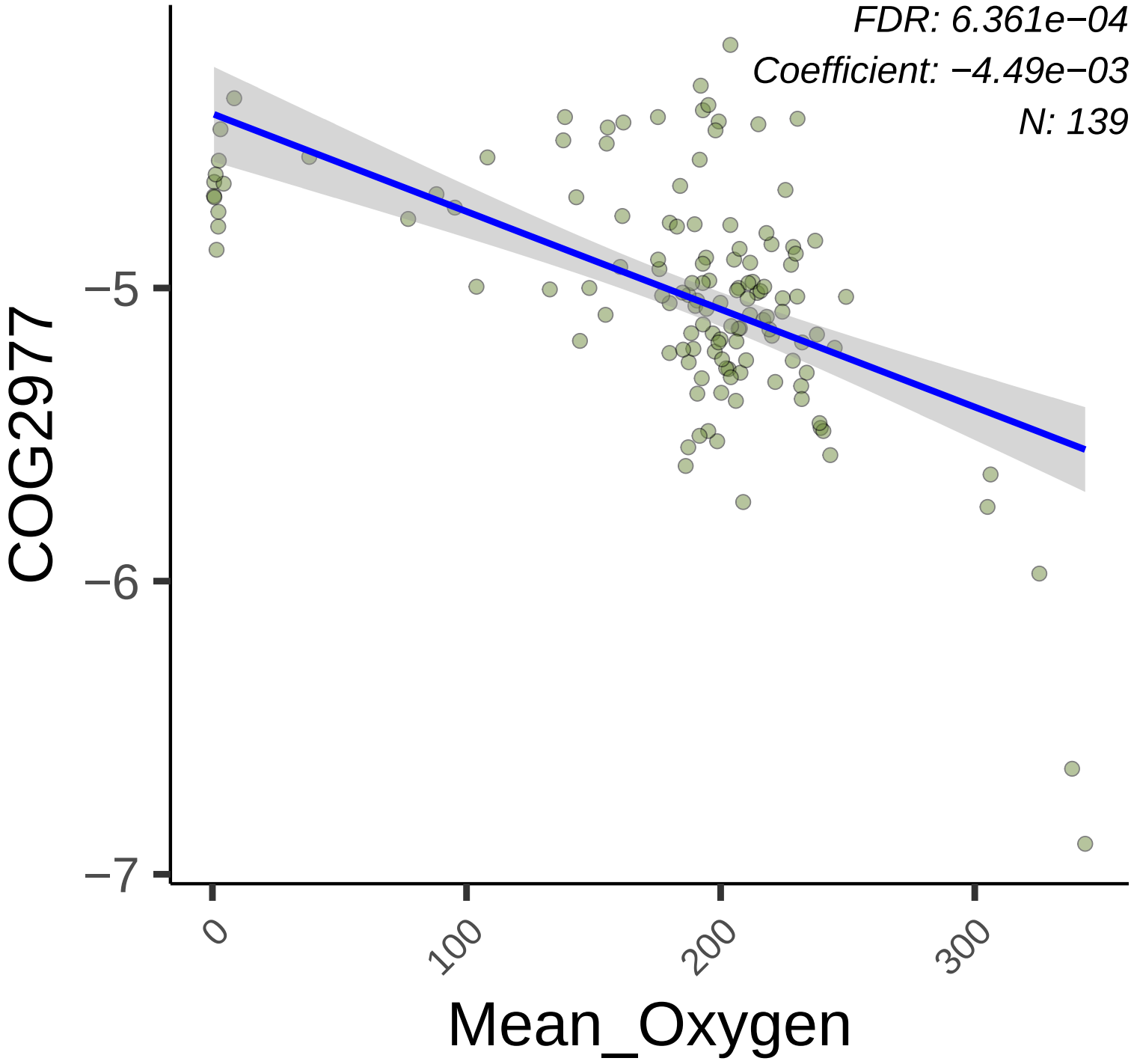
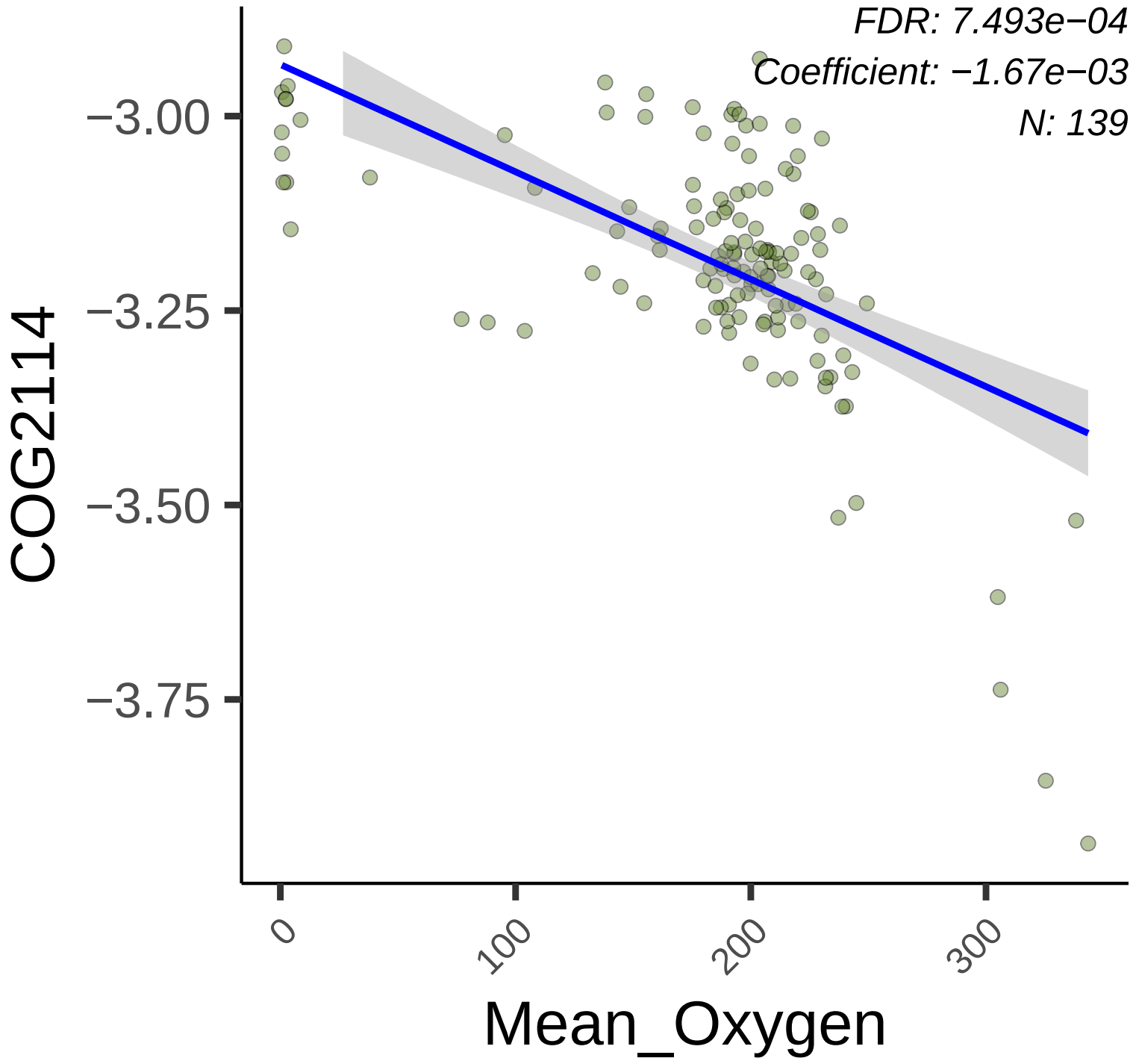
200
300
Mean_Oxygen


FDR: 6.323e−04
Coefficient: −4.18e−03
N: 139
−3.5
−4.0
−4.5
−5.0
−5.5
−6.0
COG1324
0
100
200
300
Mean_Oxygen


FDR: 6.361e−04
Coefficient: −4.49e−03
N: 139
COG2977
−5
−6
−7
0
100
200
300
Mean_Oxygen


FDR: 7.493e−04
Coefficient: −1.67e−03
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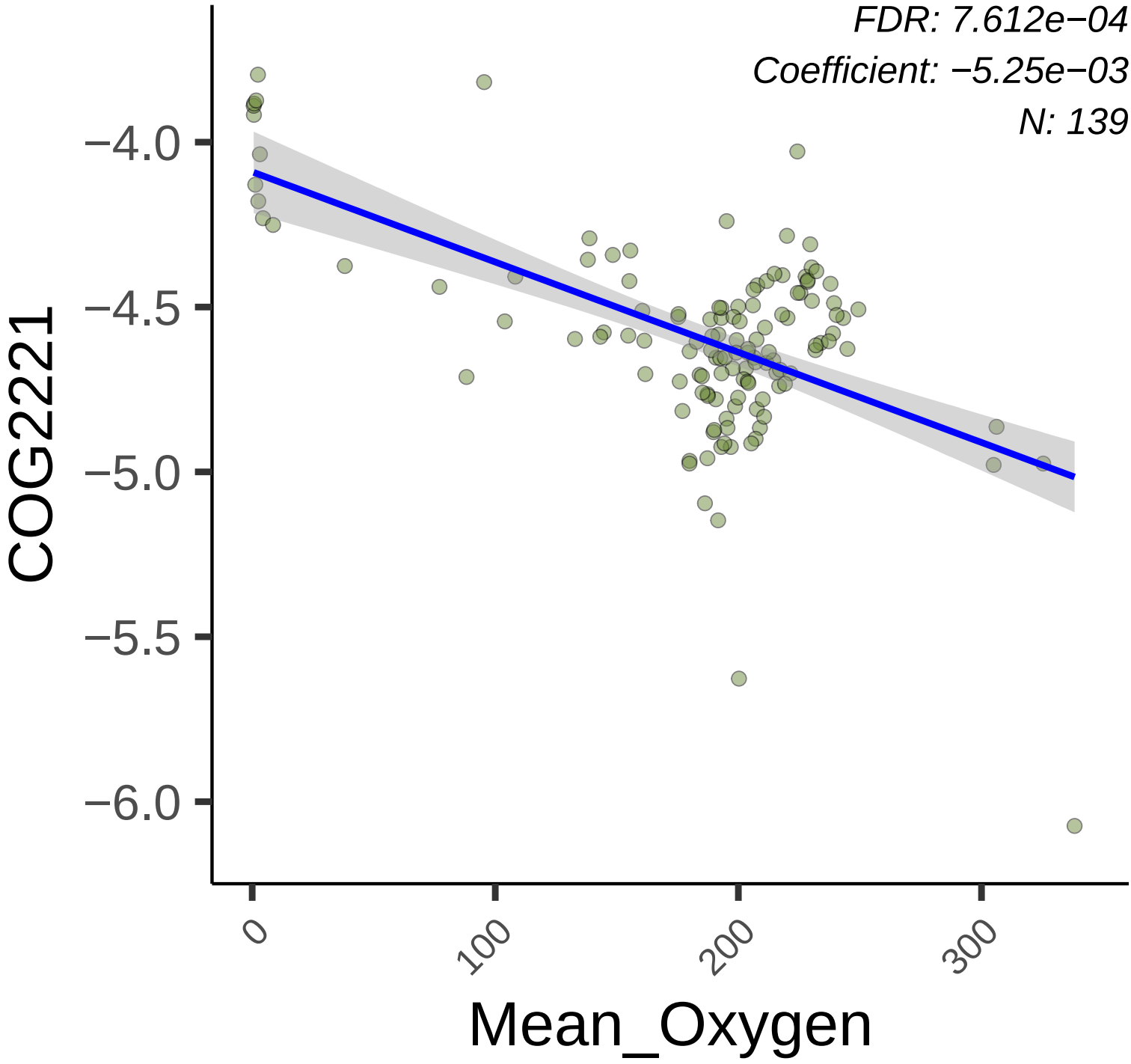
−3.00
−3.25
−3.50
−3.75
COG2114
0
100
200
300
Mean_Oxygen


FDR: 7.612e−04
Coefficient: −5.25e−03
N: 139
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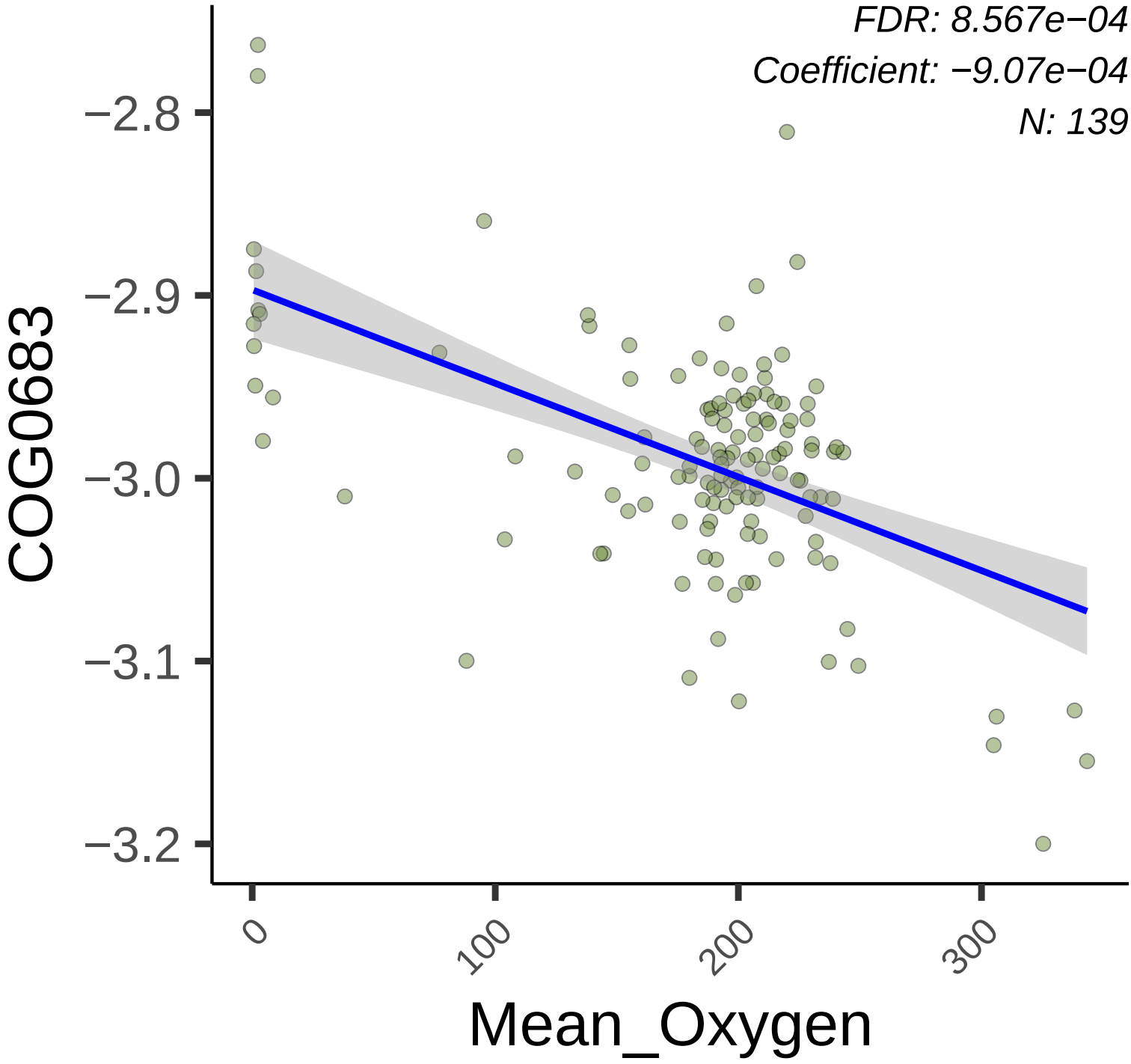
−5.5
−6.0
COG2221
0
100
200
300
Mean_Oxygen


FDR: 8.567e−04
Coefficient: −9.07e−04
N: 139
COG0683
−2.8
−2.9
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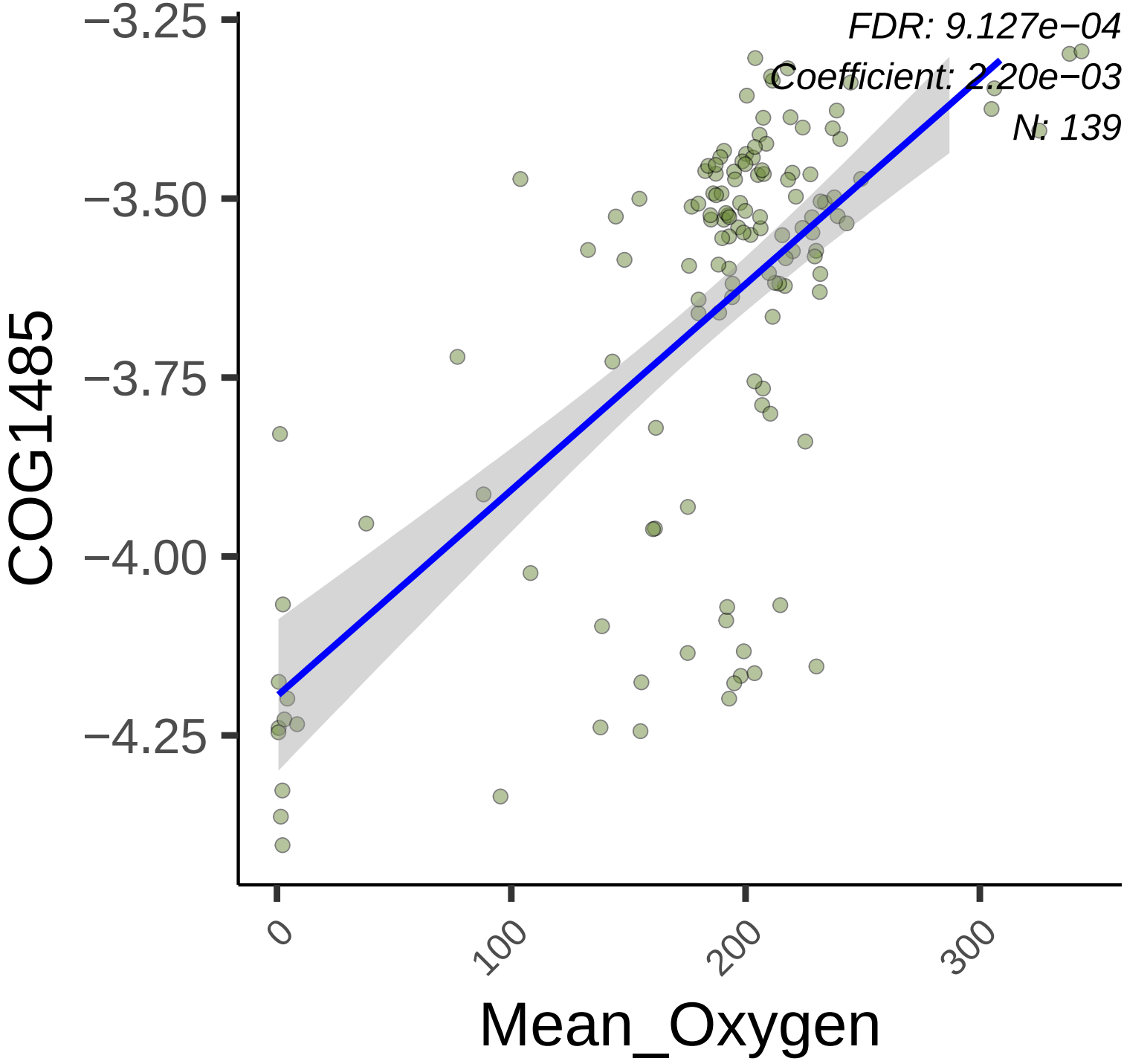
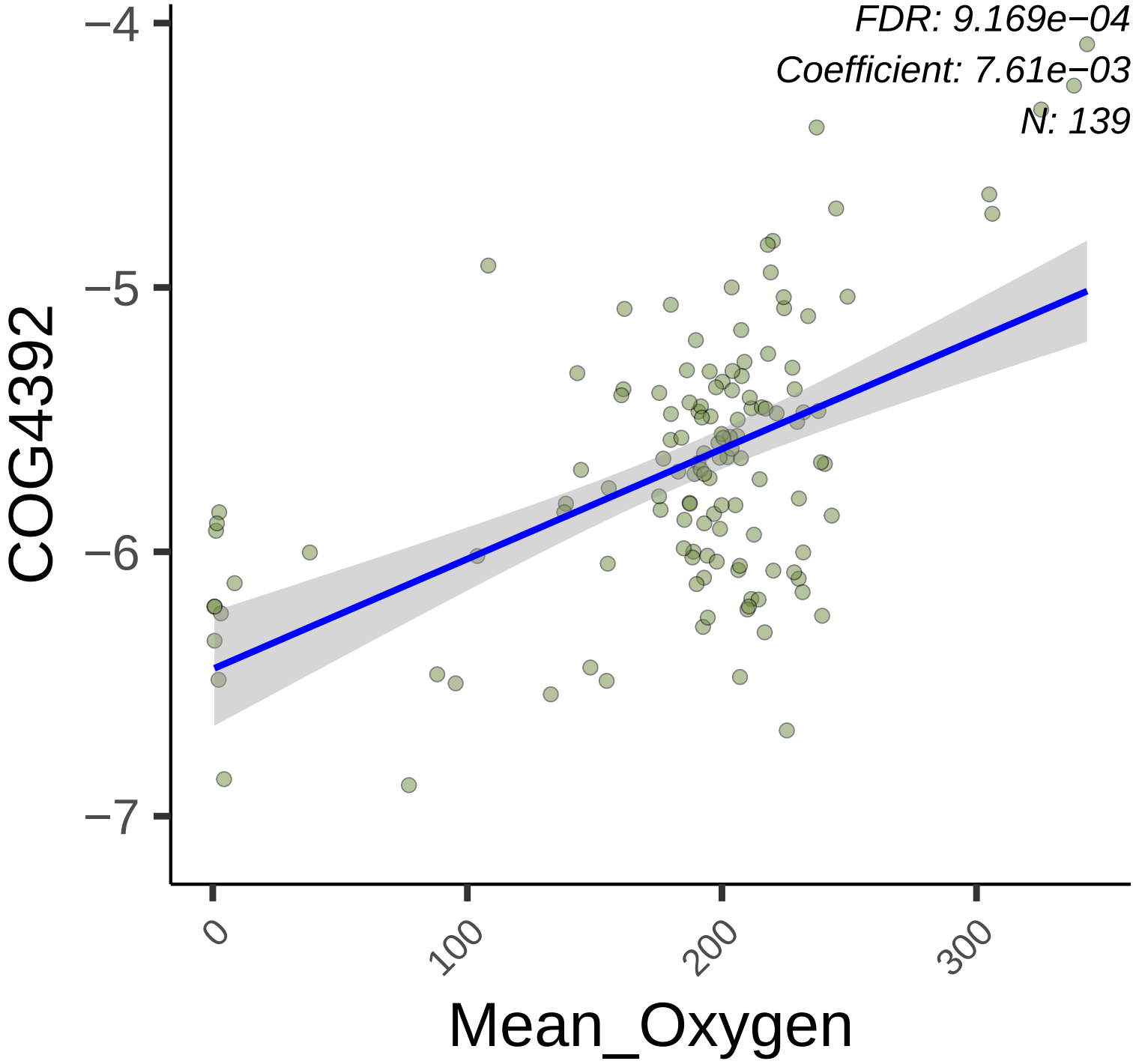
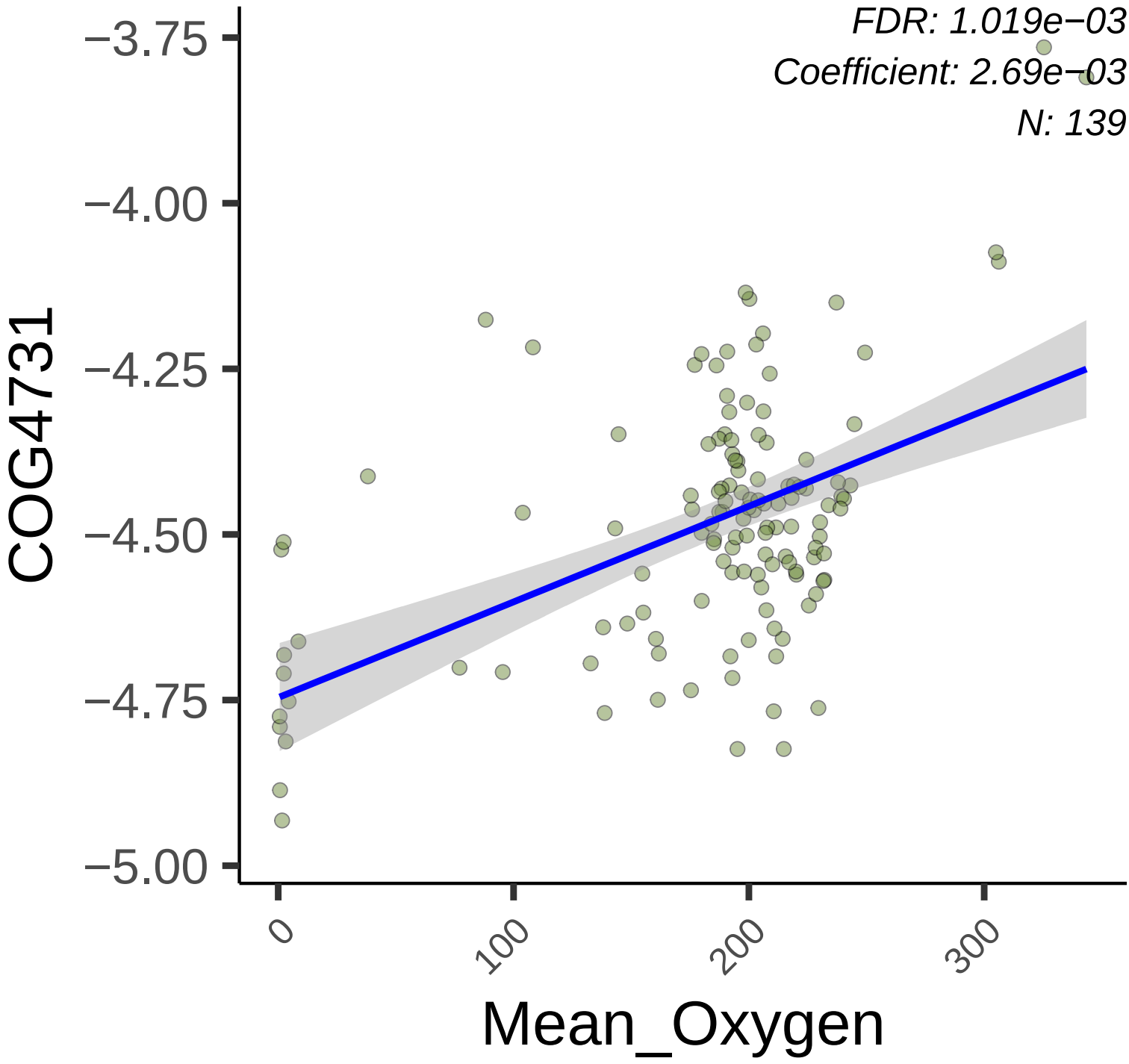
−3.1
−3.2
0
100
200
300
Mean_Oxygen


FDR: 9.127e−04
Coefficient: 2.20e−03
N: 139
−3.25
−3.50
−3.75
−4.00
−4.25
COG1485
0
100
200
300
Mean_Oxygen


FDR: 9.169e−04
Coefficient: 7.61e−03
N: 139
−4
−5
−6
−7
COG4392
0
100
200
300
Mean_Oxygen


FDR: 1.019e−03
Coefficient: 2.69e−03
N: 139
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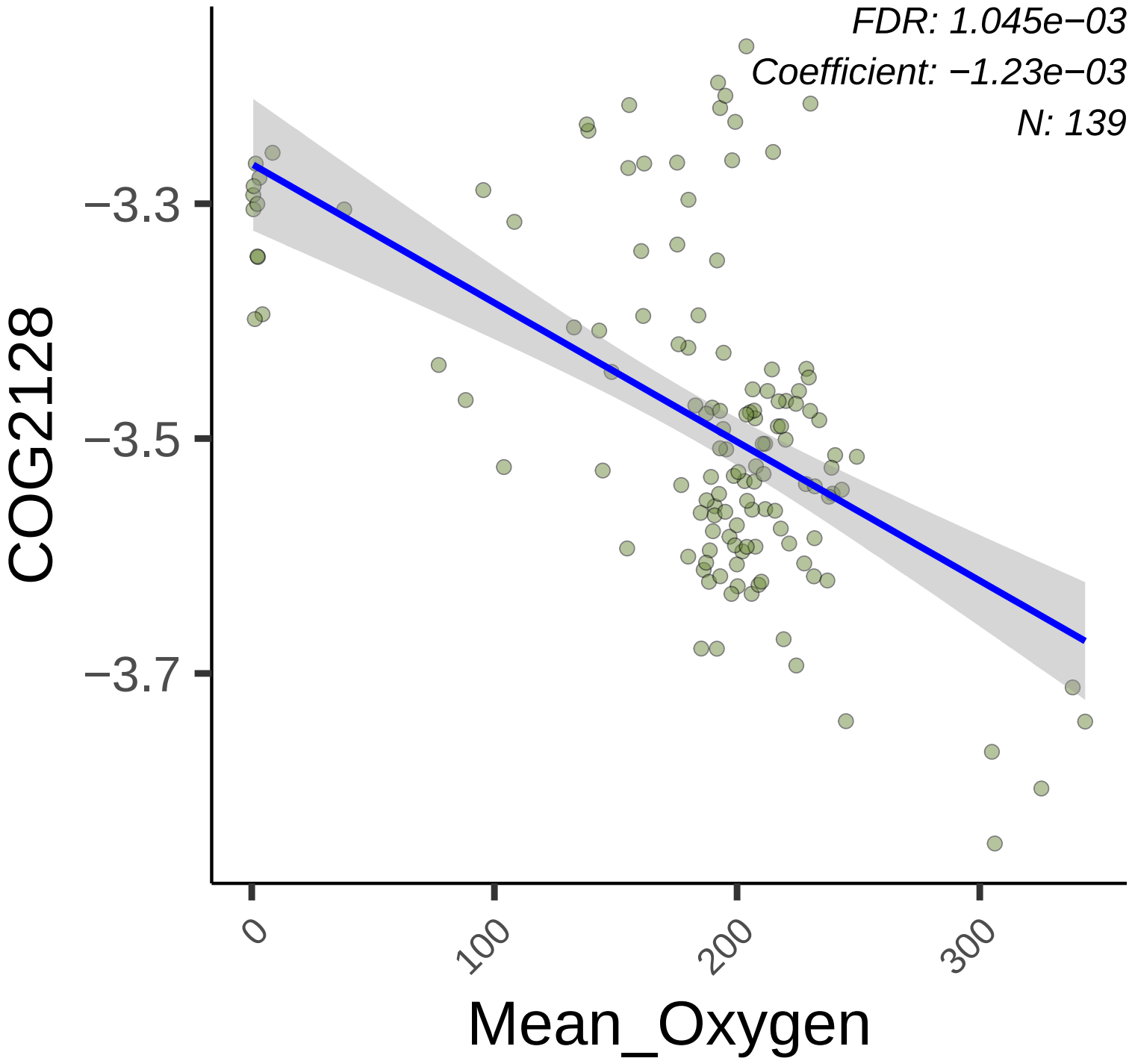
−4.00
−4.25
−4.50
−4.75
−5.00
COG4731
0
100
200
300
Mean_Oxygen


FDR: 1.045e−03
Coefficient: −1.23e−03
N: 139
COG2128
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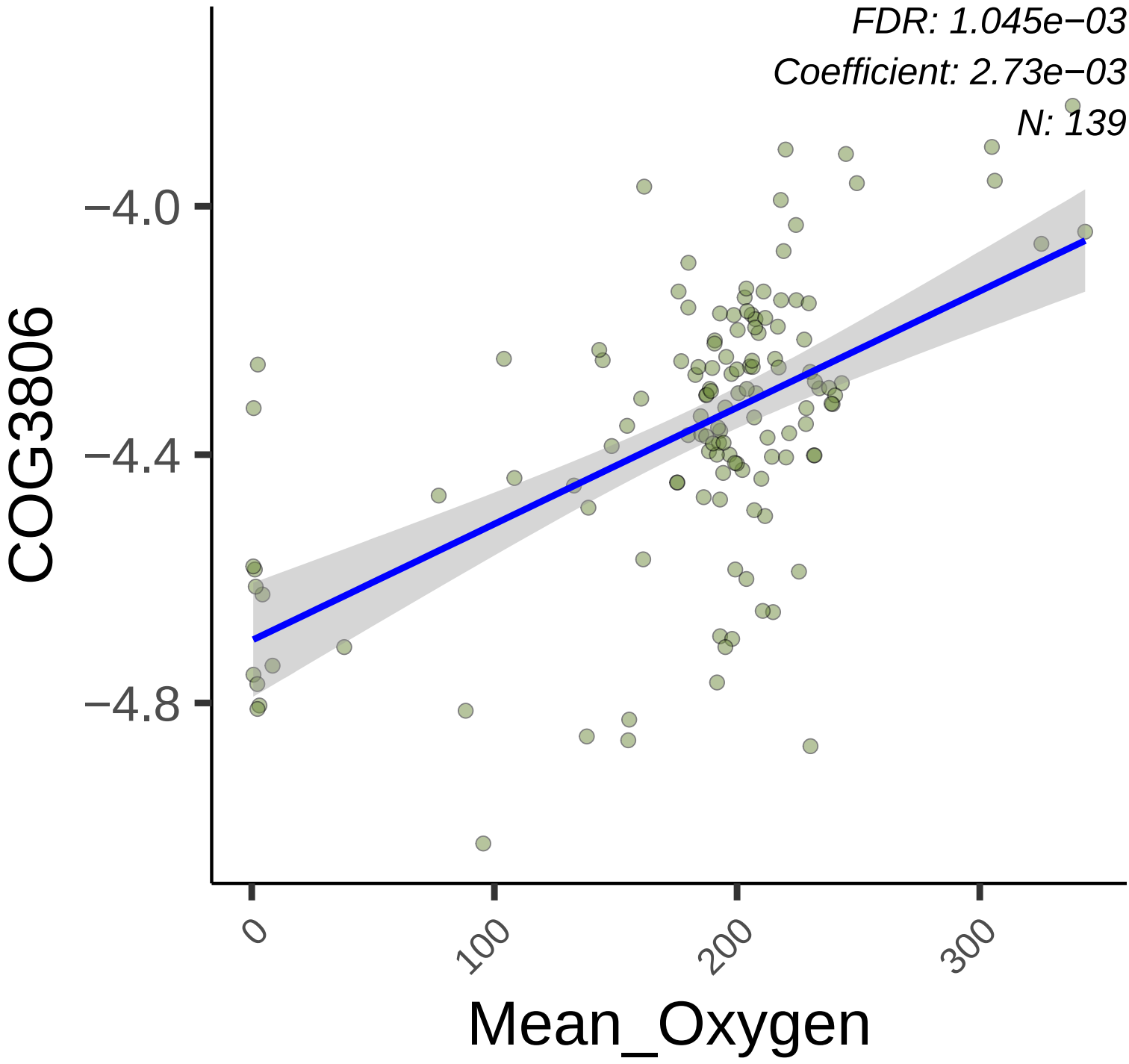
−3.5
−3.7
0
100
200
300
Mean_Oxygen


FDR: 1.045e−03
Coefficient: 2.73e−03
N: 139
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−4.4
−4.8
COG3806
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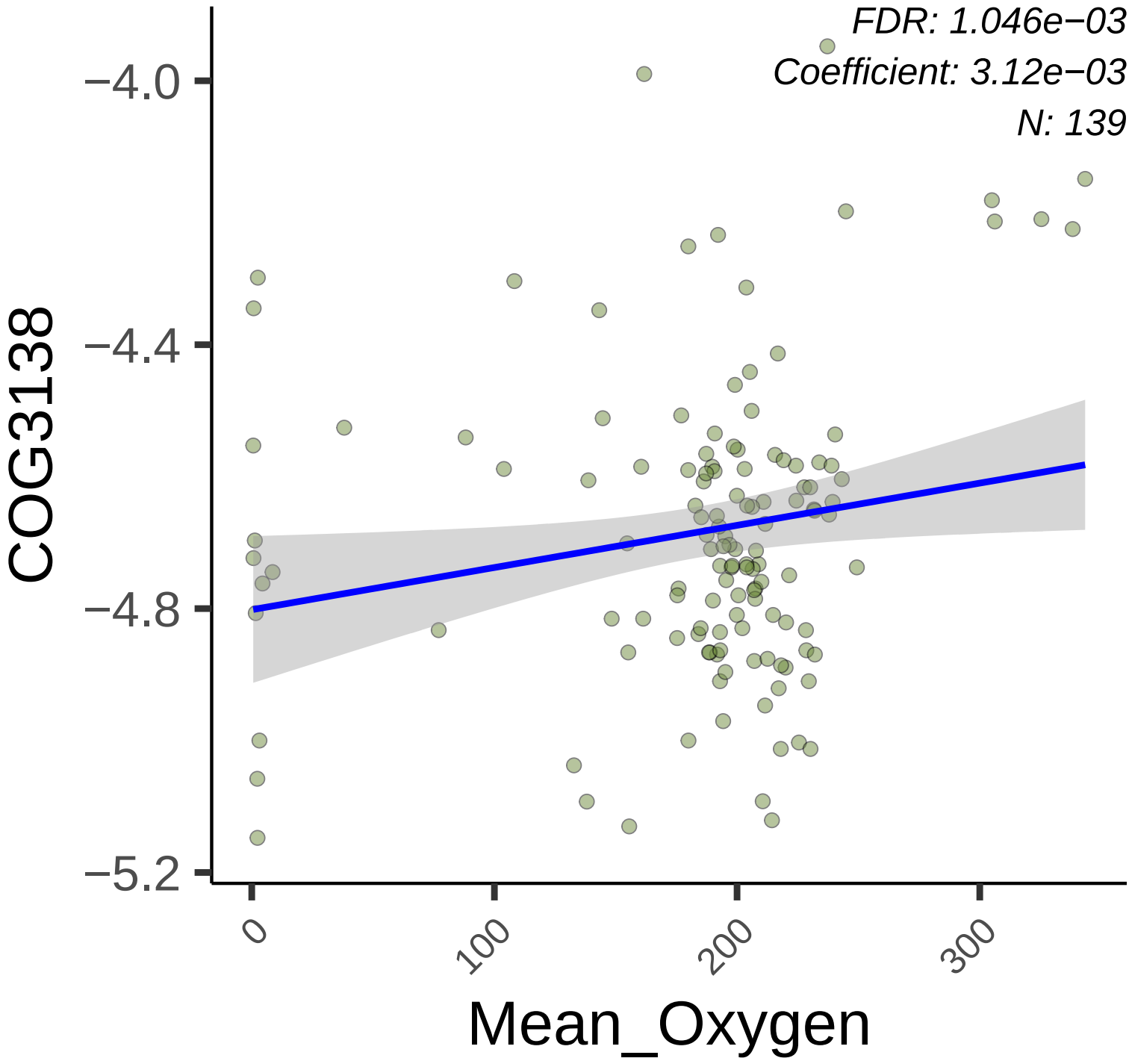
100
200
300
Mean_Oxygen


FDR: 1.046e−03
Coefficient: 3.12e−03
N: 139
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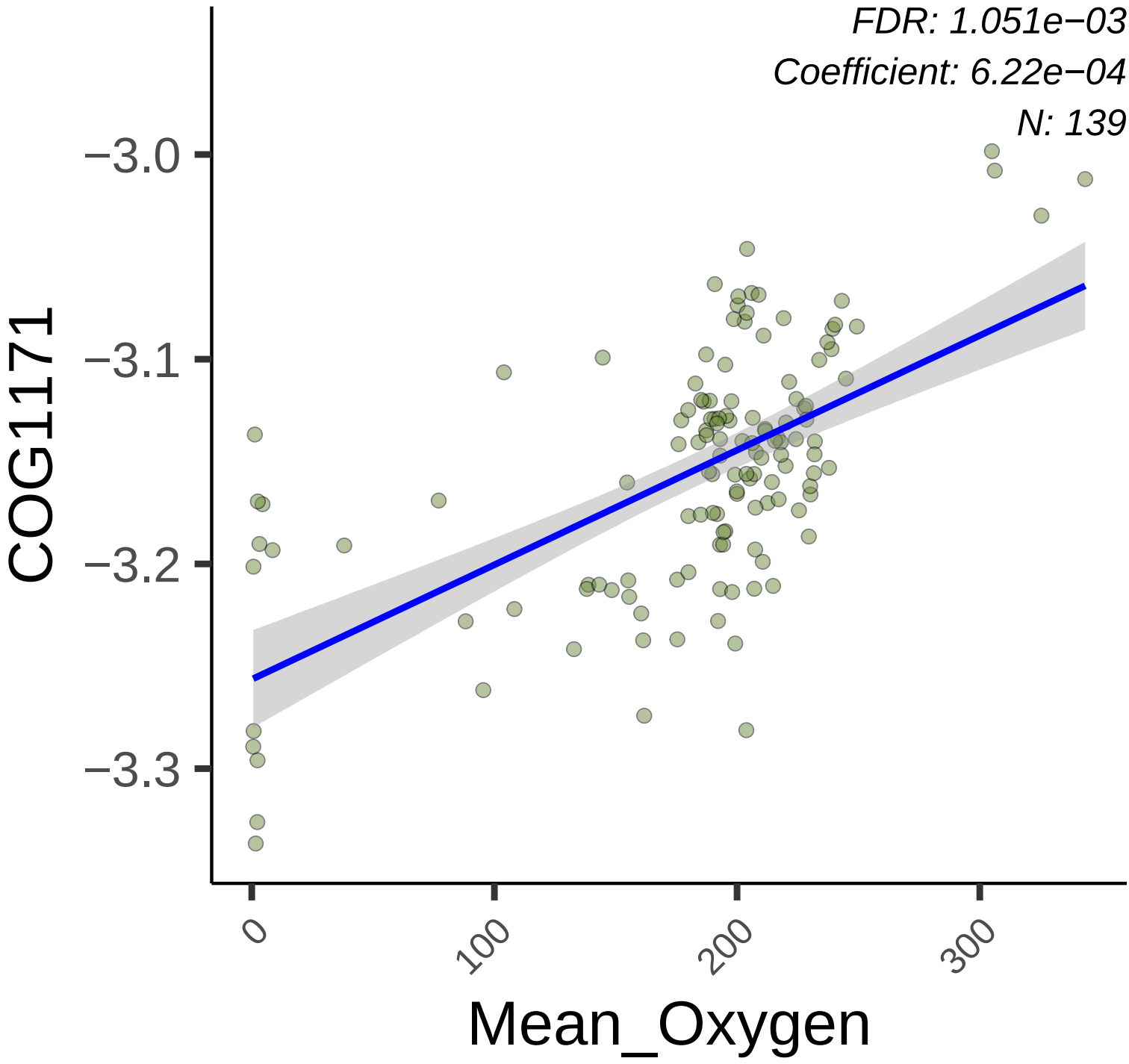
−4.4
−4.8
−5.2
COG3138
0
100
200
300
Mean_Oxygen


FDR: 1.051e−03
Coefficient: 6.22e−04
N: 139
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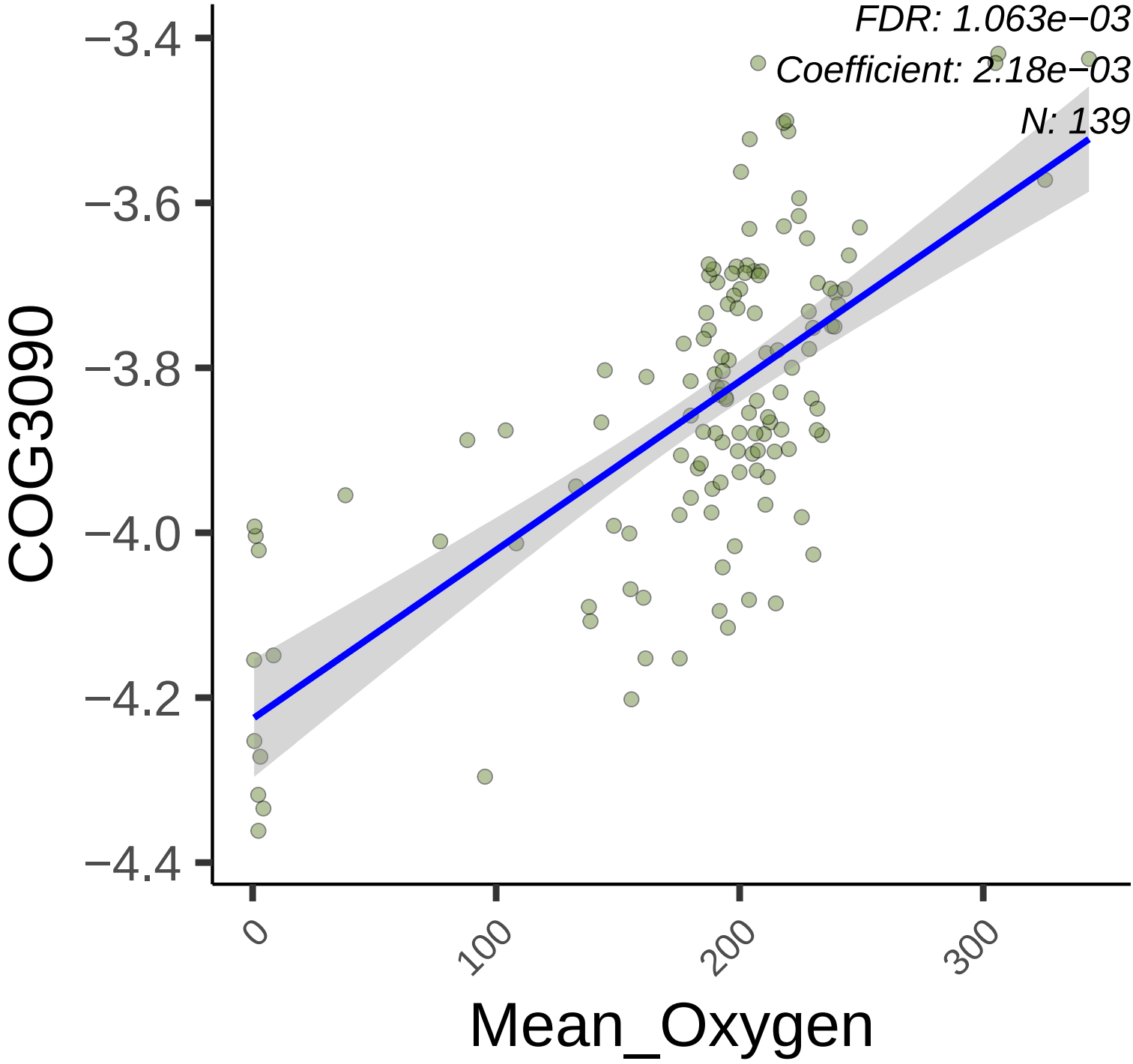
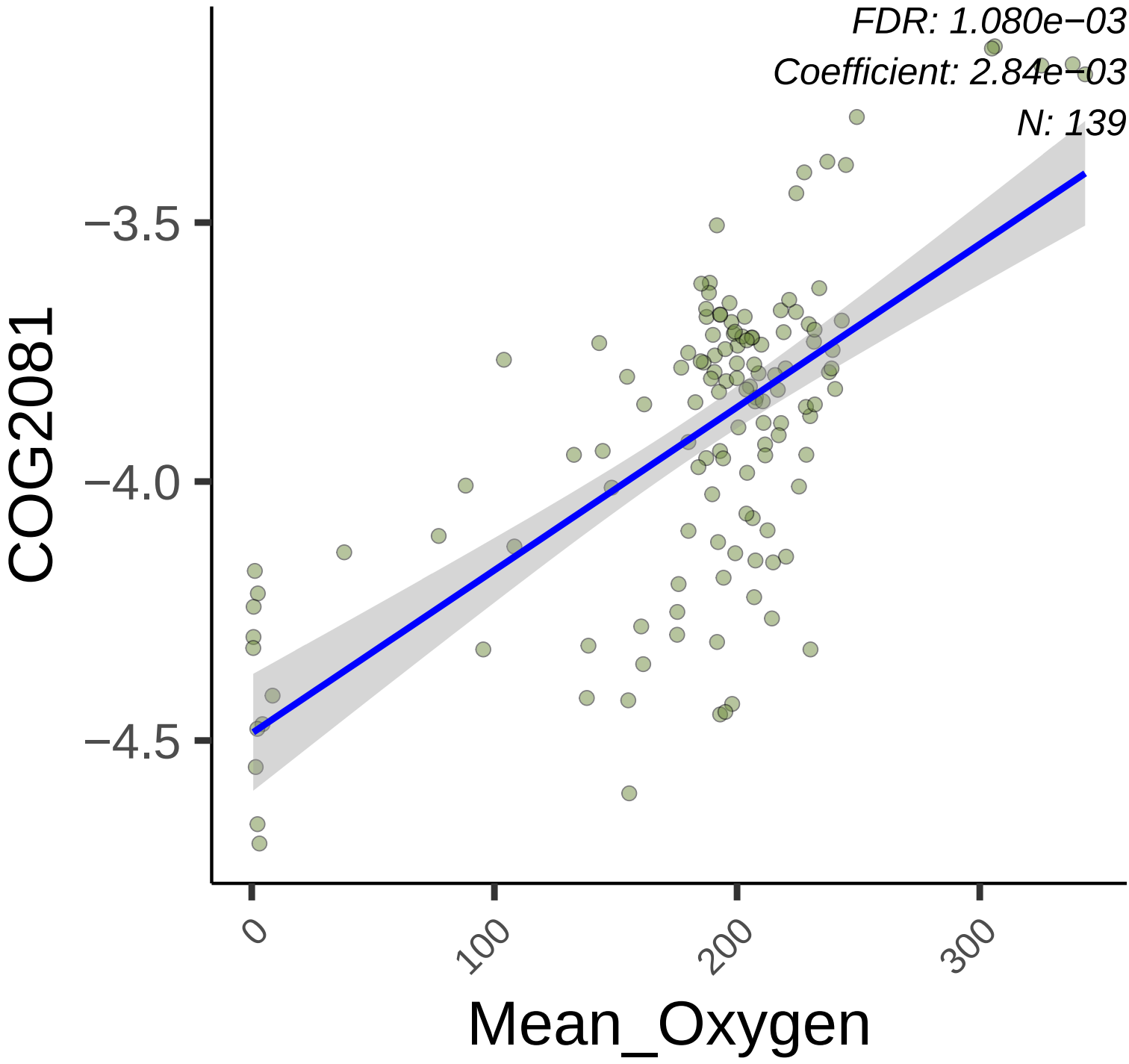
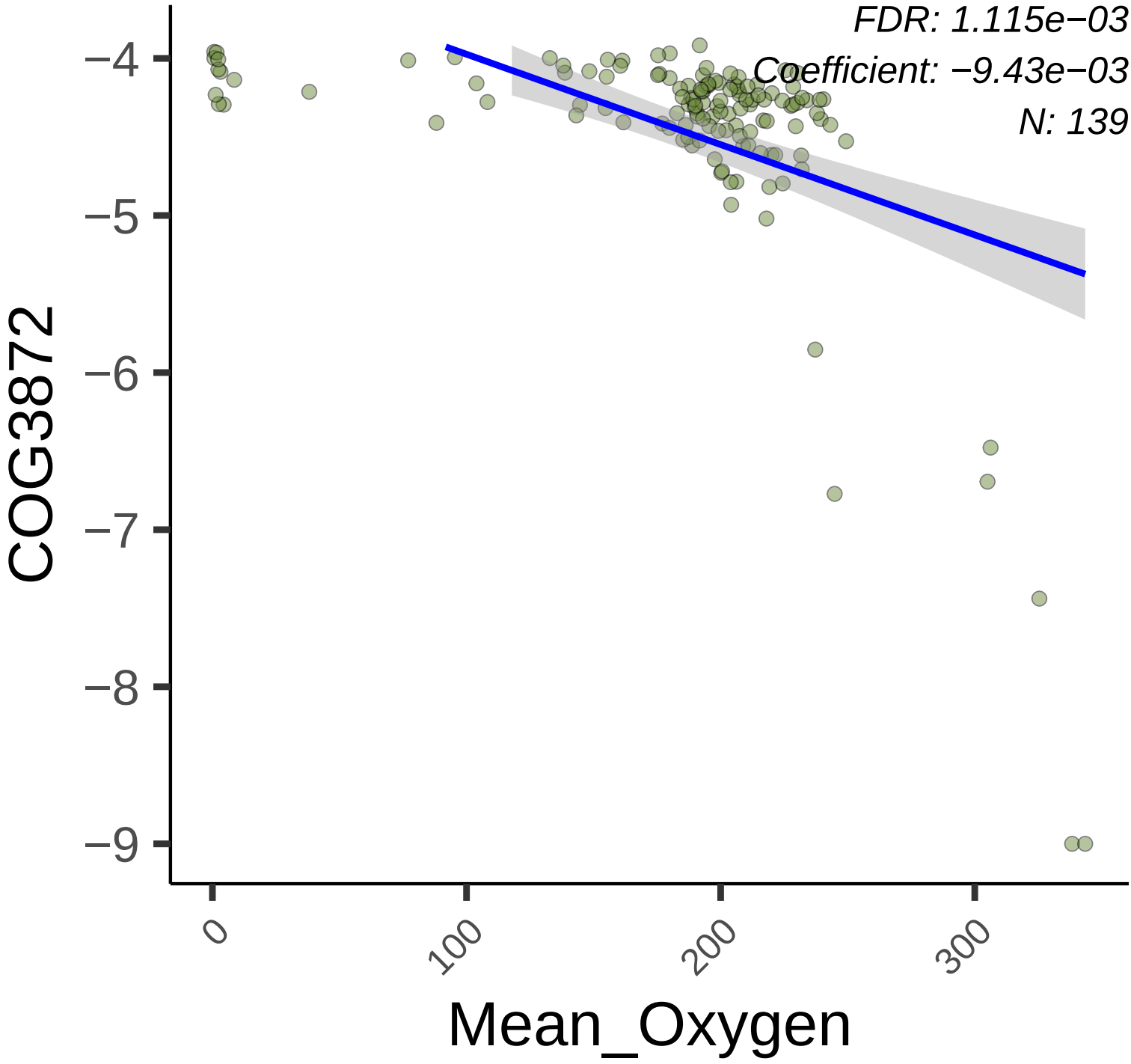
−3.1
−3.2
−3.3
COG1171
0
100
200
300
Mean_Oxygen


FDR: 1.063e−03
Coefficient: 2.18e−03
N: 139
−3.4
−3.6
−3.8
−4.0
−4.2
−4.4
COG3090
0
100
200
300
Mean_Oxygen


FDR: 1.080e−03
Coefficient: 2.84e−03
N: 139
COG2081
−3.5
−4.0
−4.5
0
100
200
300
Mean_Oxygen


FDR: 1.115e−03
Coefficient: −9.43e−03
N: 139
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−5
−6
−7
−8
−9
COG3872
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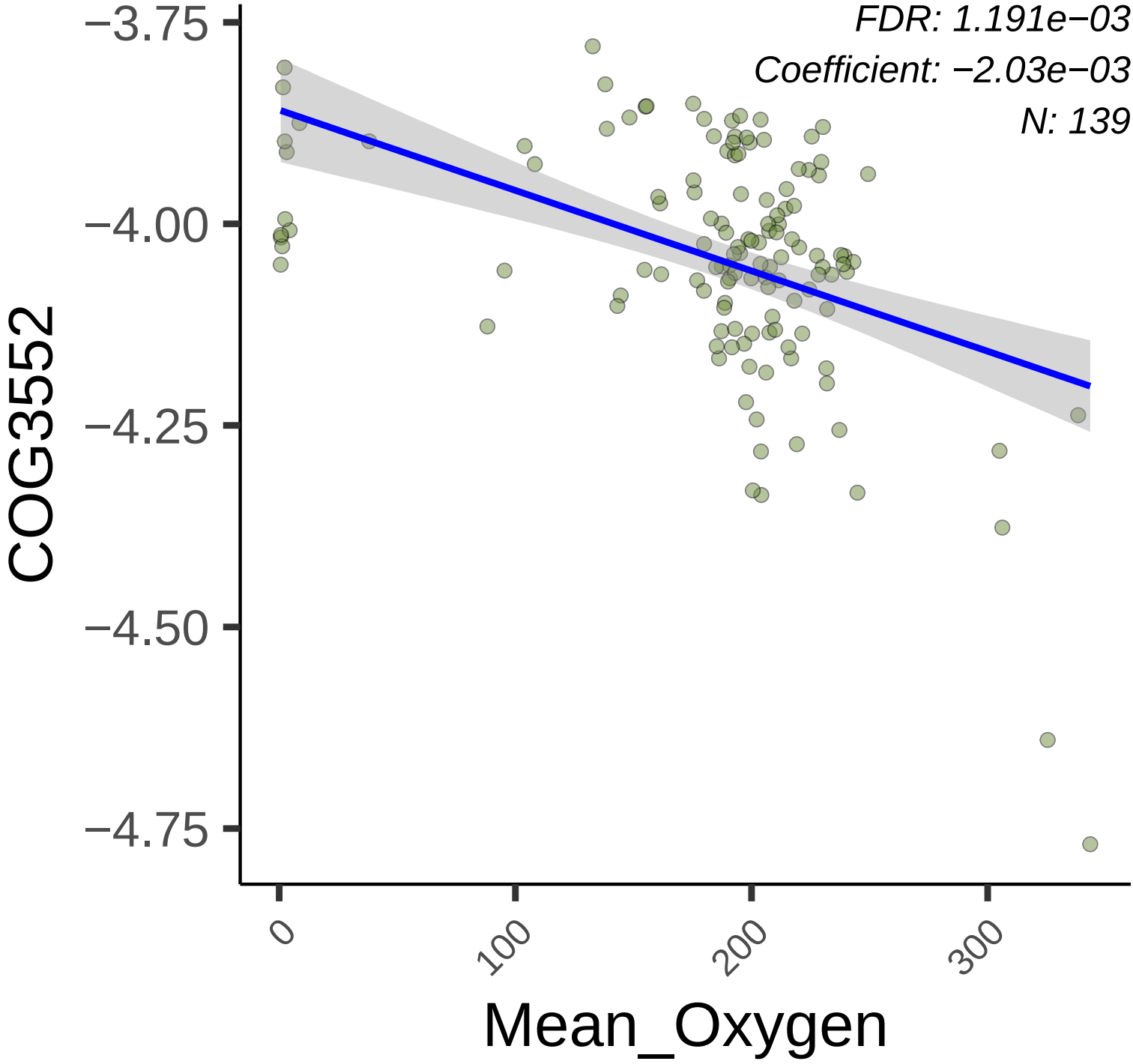
200
300
Mean_Oxygen


FDR: 1.191e−03
Coefficient: −2.03e−03
N: 139
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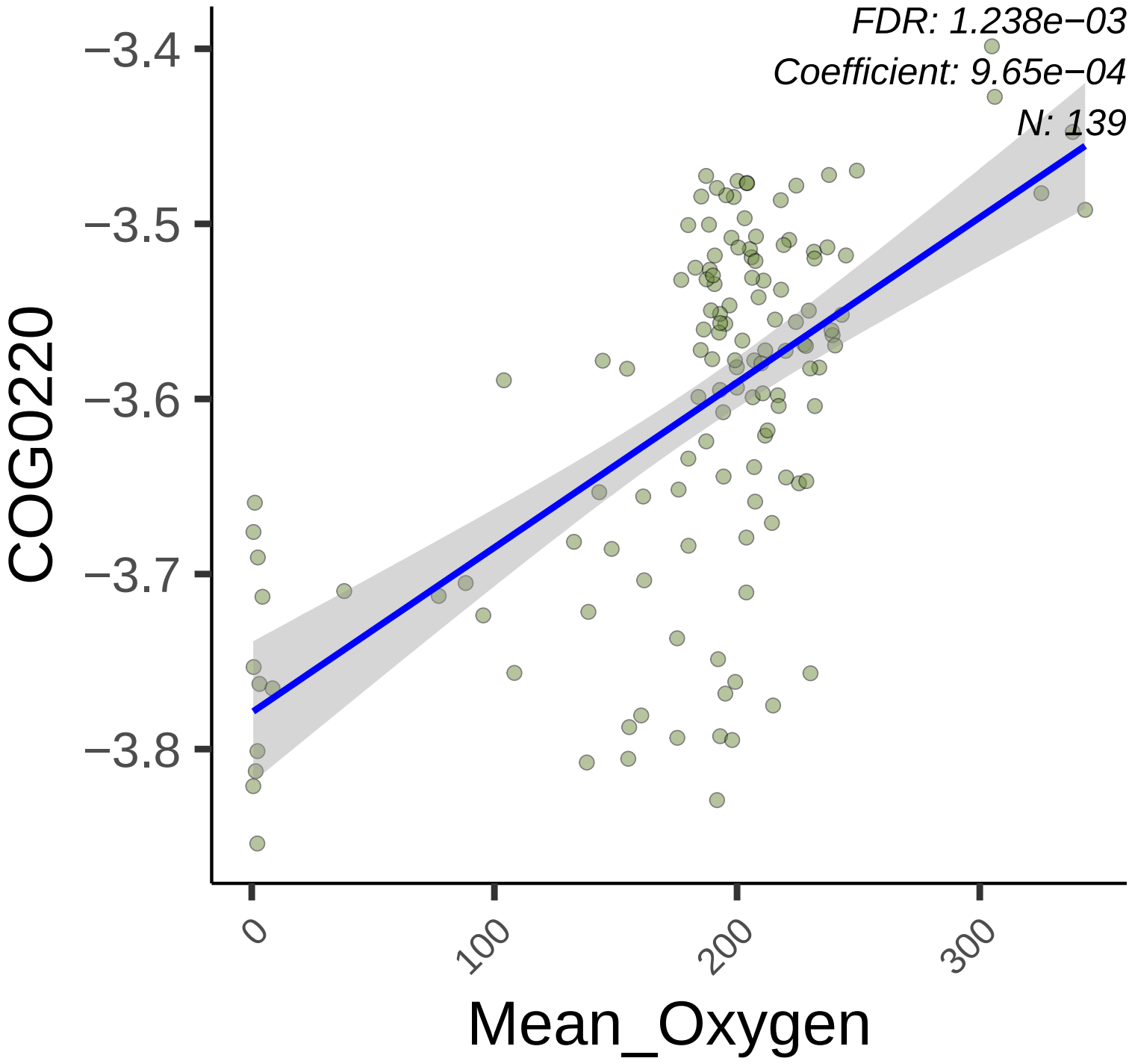
−4.00
−4.25
−4.50
−4.75
COG3552
0
100
200
300
Mean_Oxygen


FDR: 1.238e−03
Coefficient: 9.65e−04
N: 139
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−3.5
−3.6
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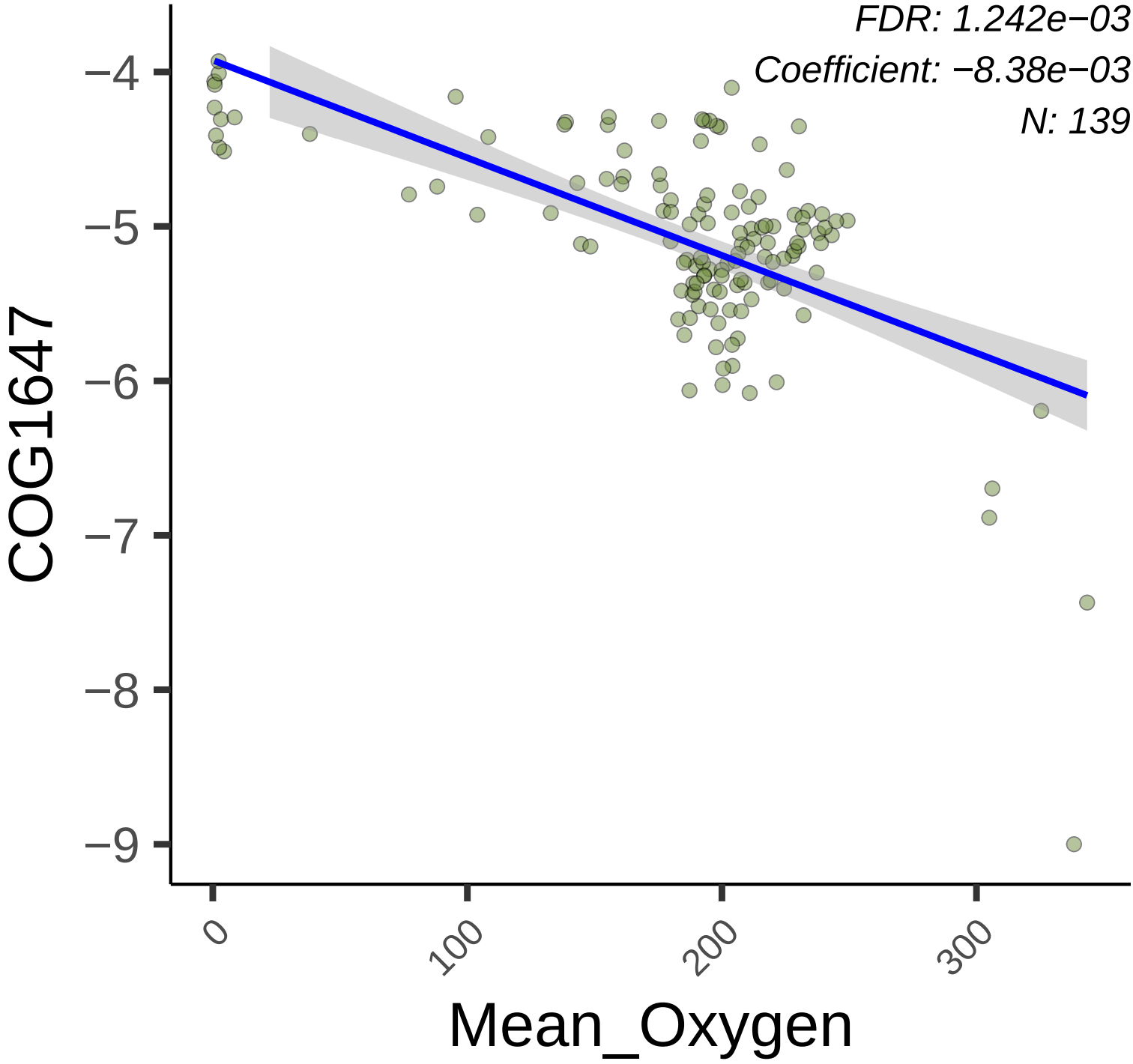
−3.8
COG0220
0
100
200
300
Mean_Oxygen


FDR: 1.242e−03
Coefficient: −8.38e−03
N: 139
−4
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−6
−7
−8
−9
COG1647
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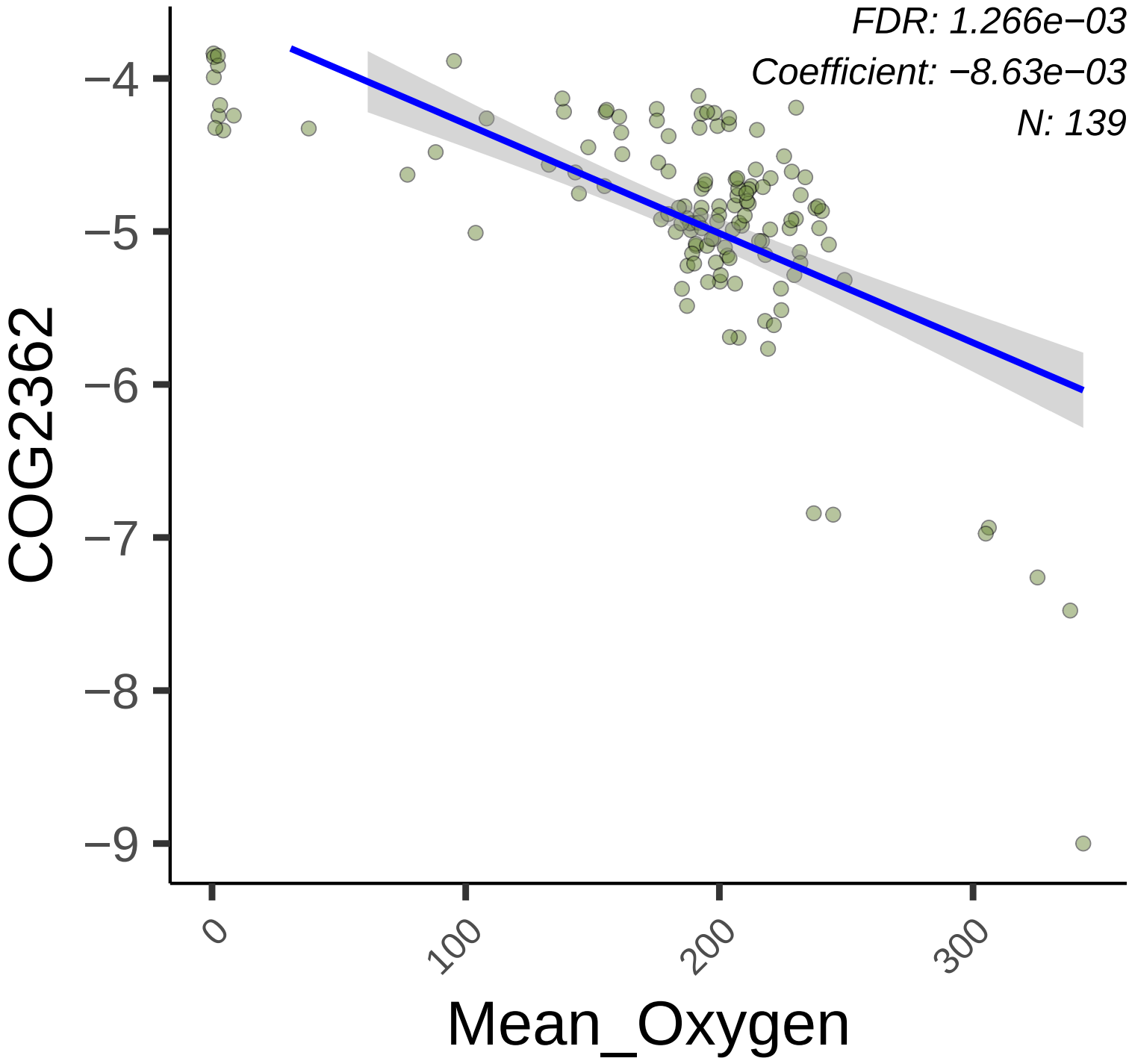
200
300
Mean_Oxygen


FDR: 1.266e−03
Coefficient: −8.63e−03
N: 139
COG2362
−4
−5
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−9
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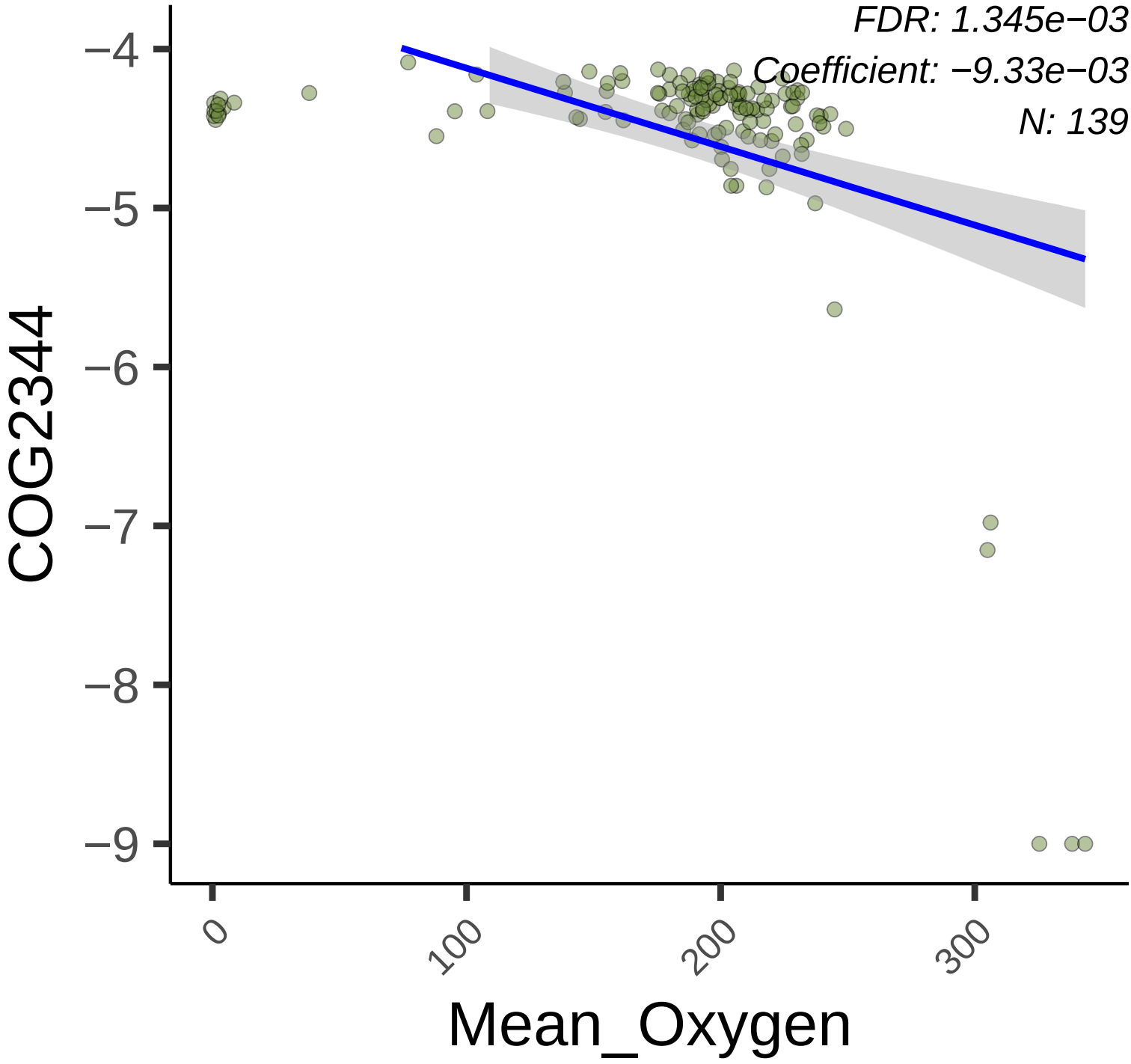
100
200
300
Mean_Oxygen


FDR: 1.345e−03
Coefficient: −9.33e−03
N: 139
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−5
−6
−7
−8
−9
COG2344
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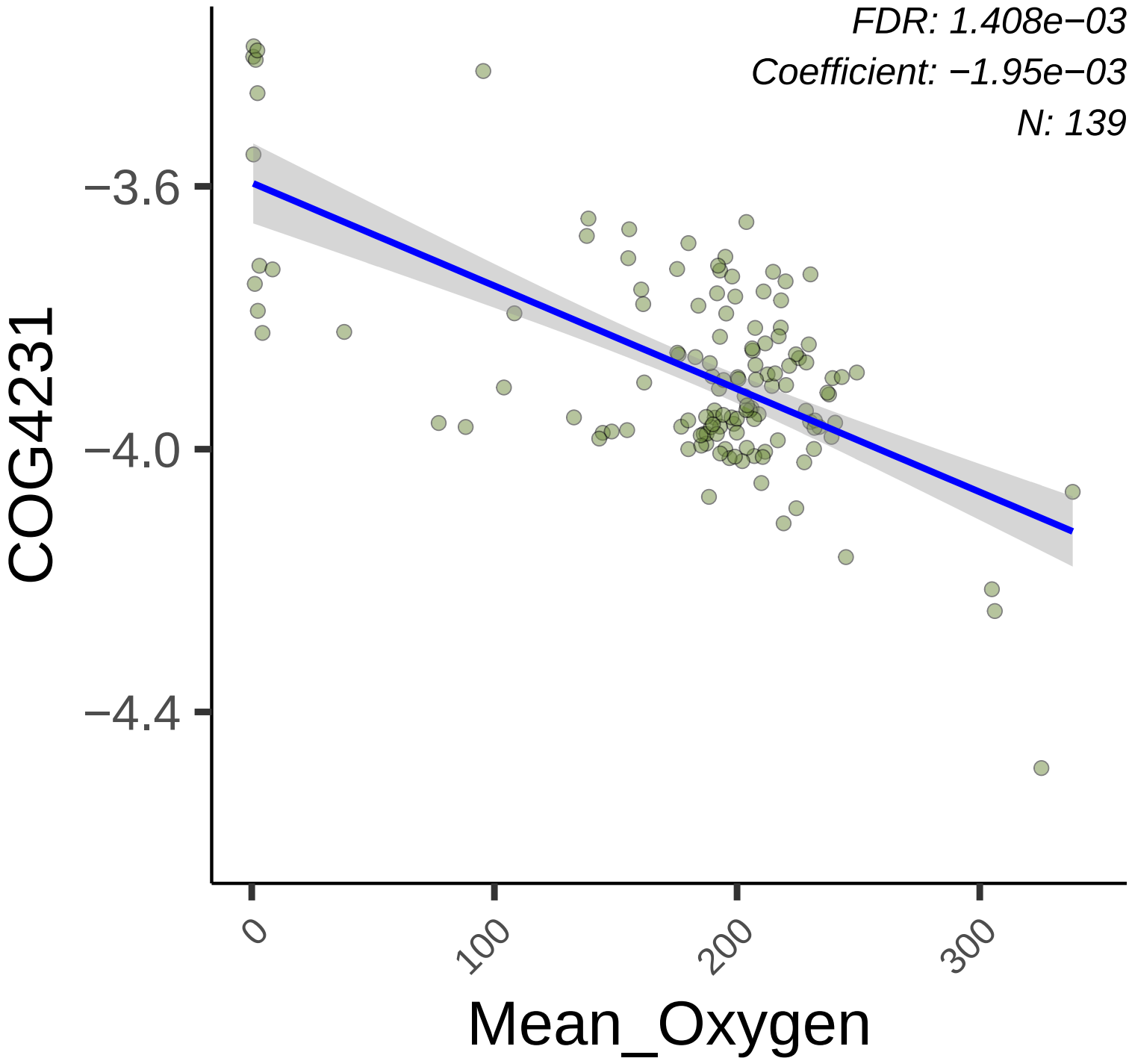
100
200
300
Mean_Oxygen


FDR: 1.408e−03
Coefficient: −1.95e−03
N: 139
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−4.0
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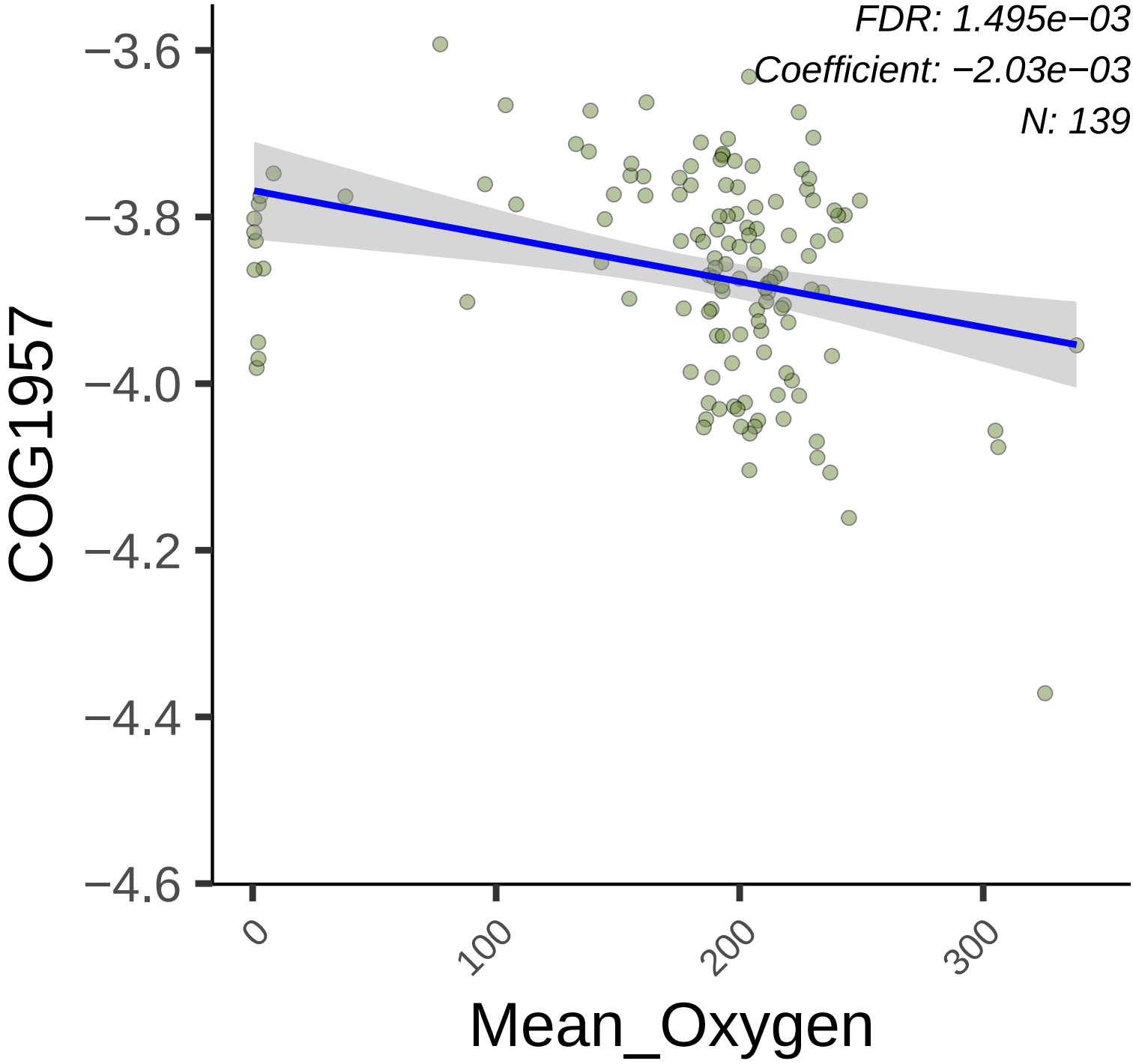
COG4231
0
100
200
300
Mean_Oxygen


FDR: 1.495e−03
Coefficient: −2.03e−03
N: 139
−3.6
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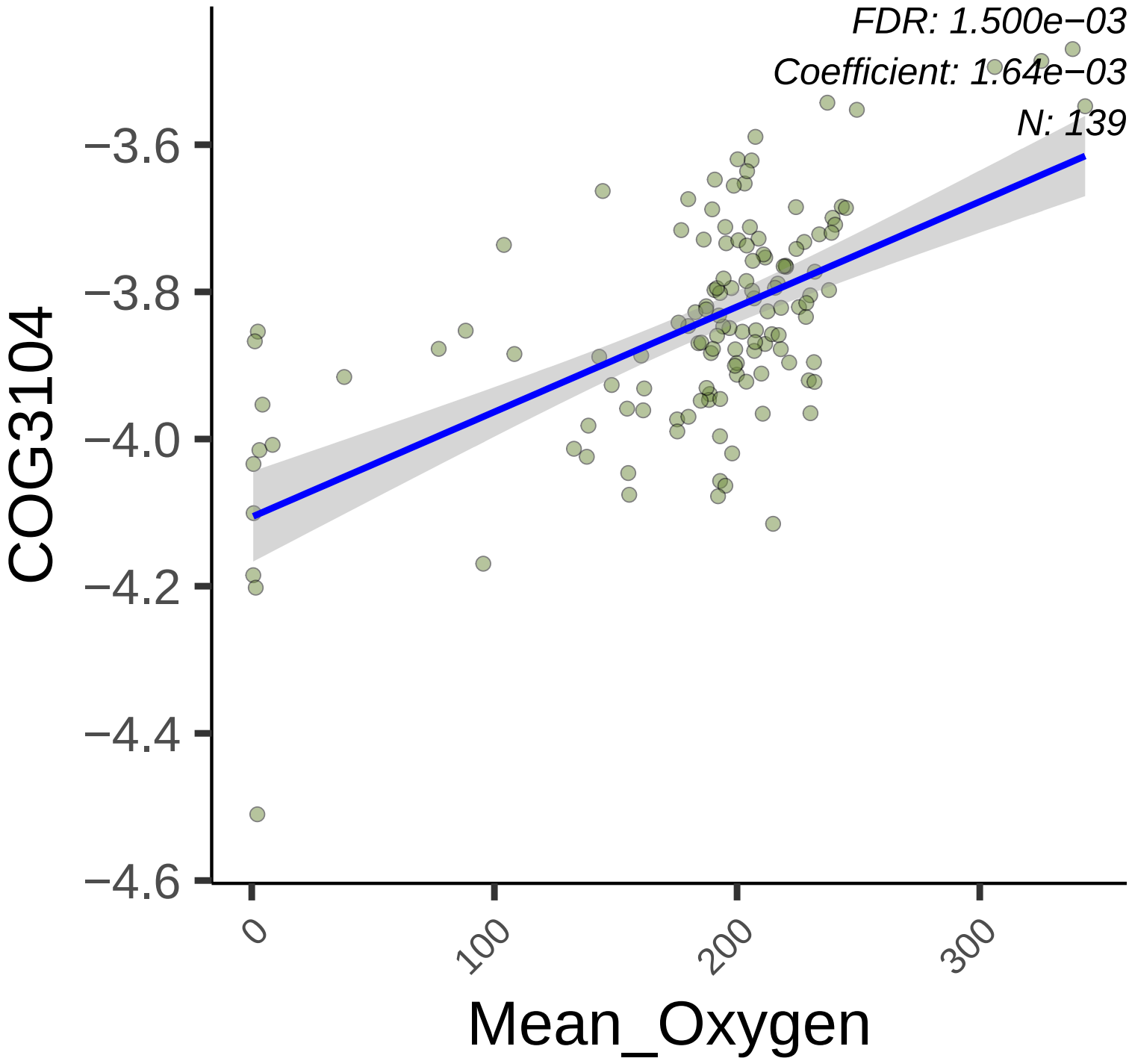
−4.0
−4.2
−4.4
−4.6
COG1957
0
100
200
300
Mean_Oxygen


FDR: 1.500e−03
Coefficient: 1.64e−03
N: 139
COG3104
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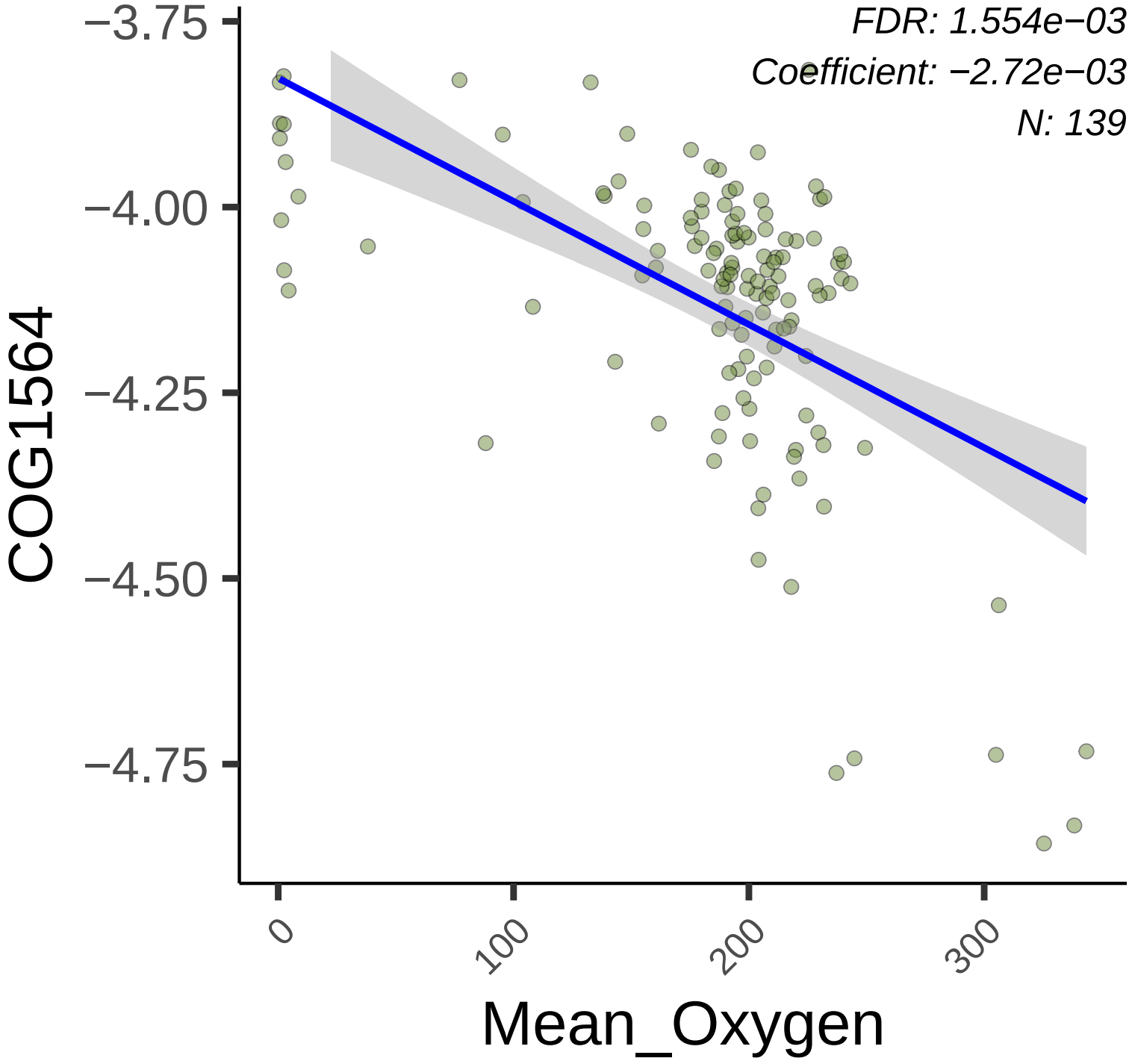
−3.8
−4.0
−4.2
−4.4
−4.6
0
100
200
300
Mean_Oxygen


FDR: 1.554e−03
Coefficient: −2.72e−03
N: 139
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−4.00
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COG1564
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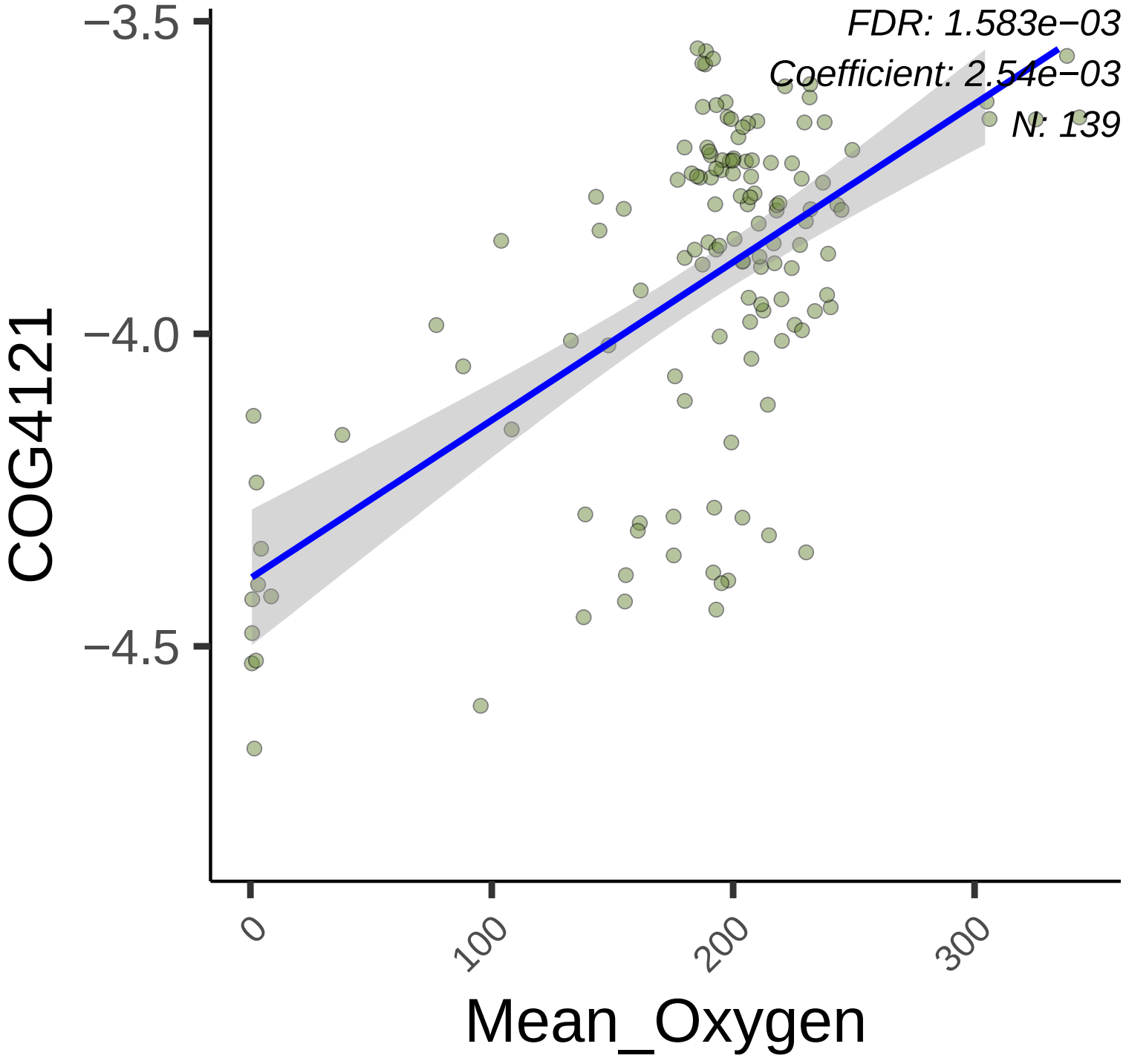
100
200
300
Mean_Oxygen


FDR: 1.583e−03
Coefficient: 2.54e−03
N: 139
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−4.5
COG4121
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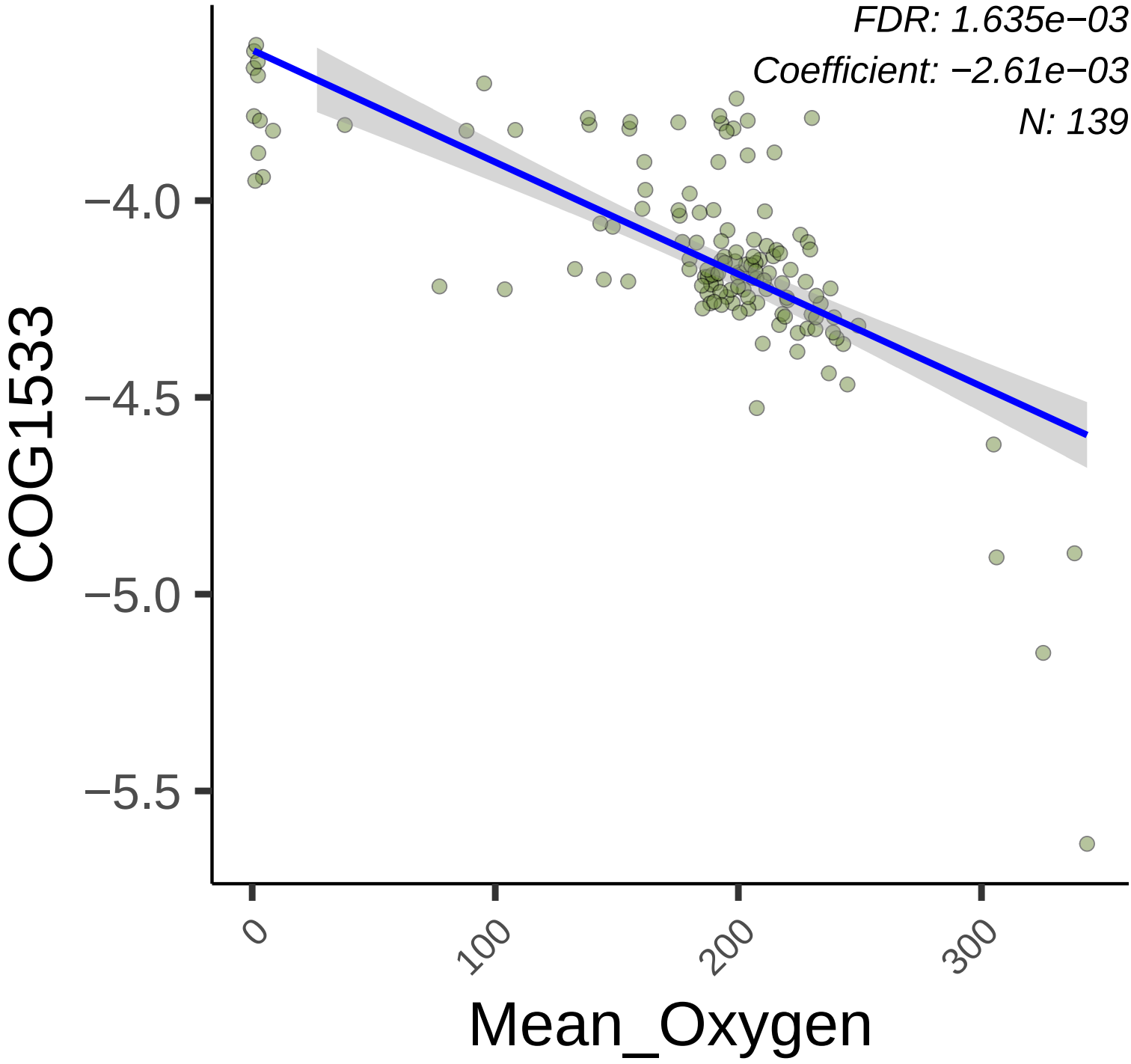
200
300
Mean_Oxygen


FDR: 1.635e−03
Coefficient: −2.61e−03
N: 139
COG1533
−4.0
−4.5
−5.0
−5.5
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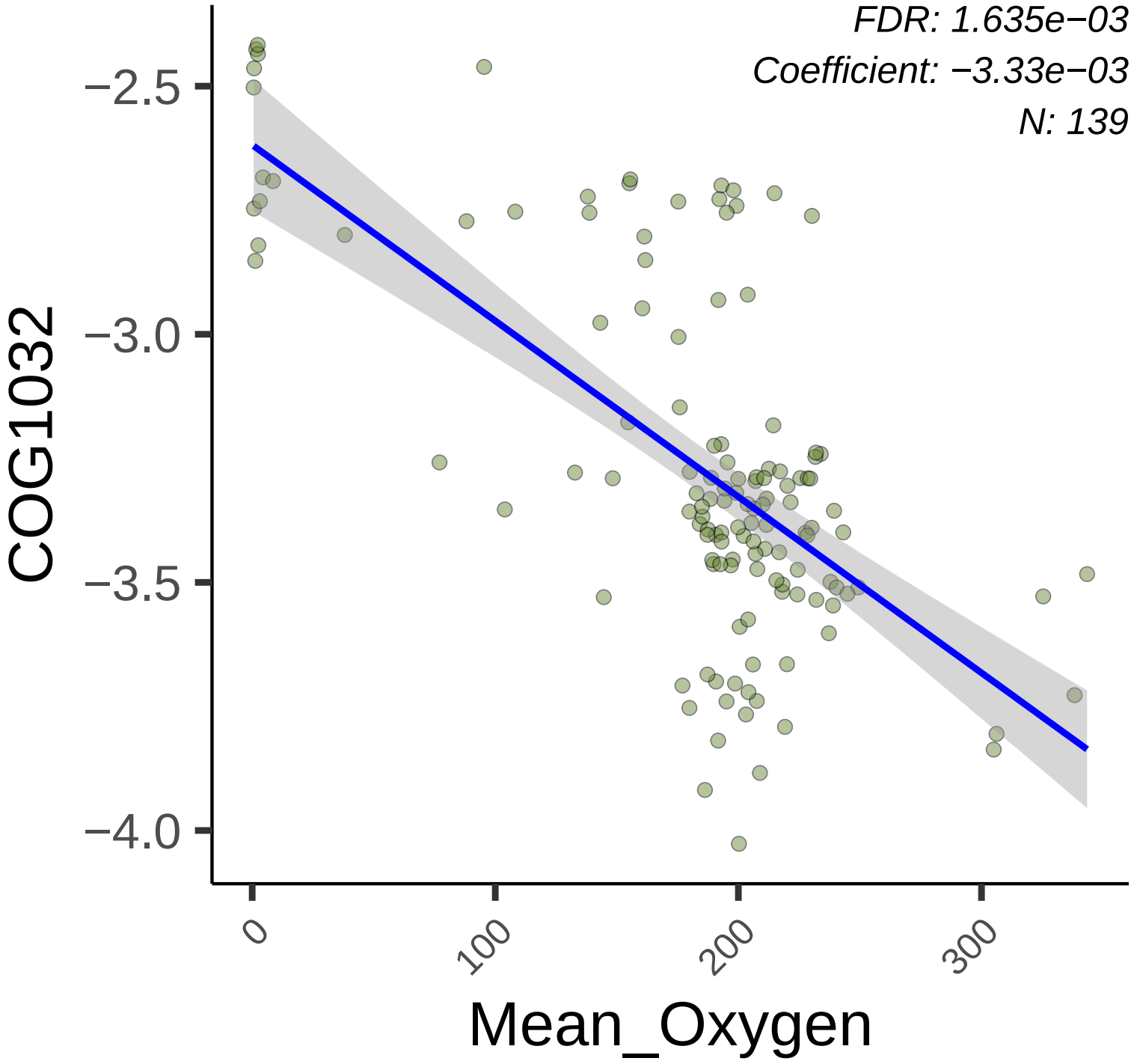
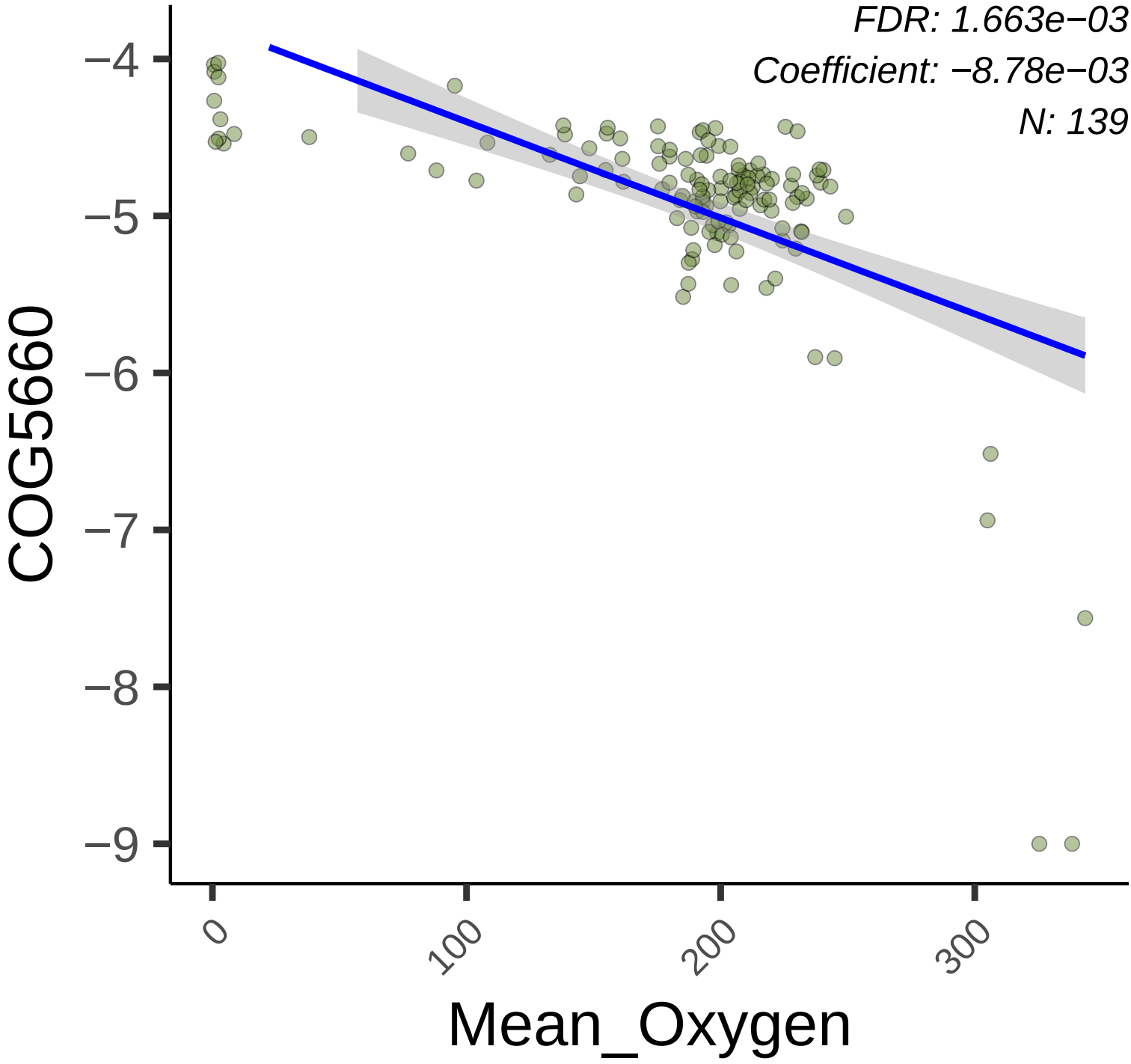
100
200
300
Mean_Oxygen


FDR: 1.635e−03
Coefficient: −3.33e−03
N: 139
−2.5
−3.0
−3.5
−4.0
COG1032
0
100
200
300
Mean_Oxygen


FDR: 1.663e−03
Coefficient: −8.78e−03
N: 139
−4
−5
−6
−7
−8
−9
COG5660
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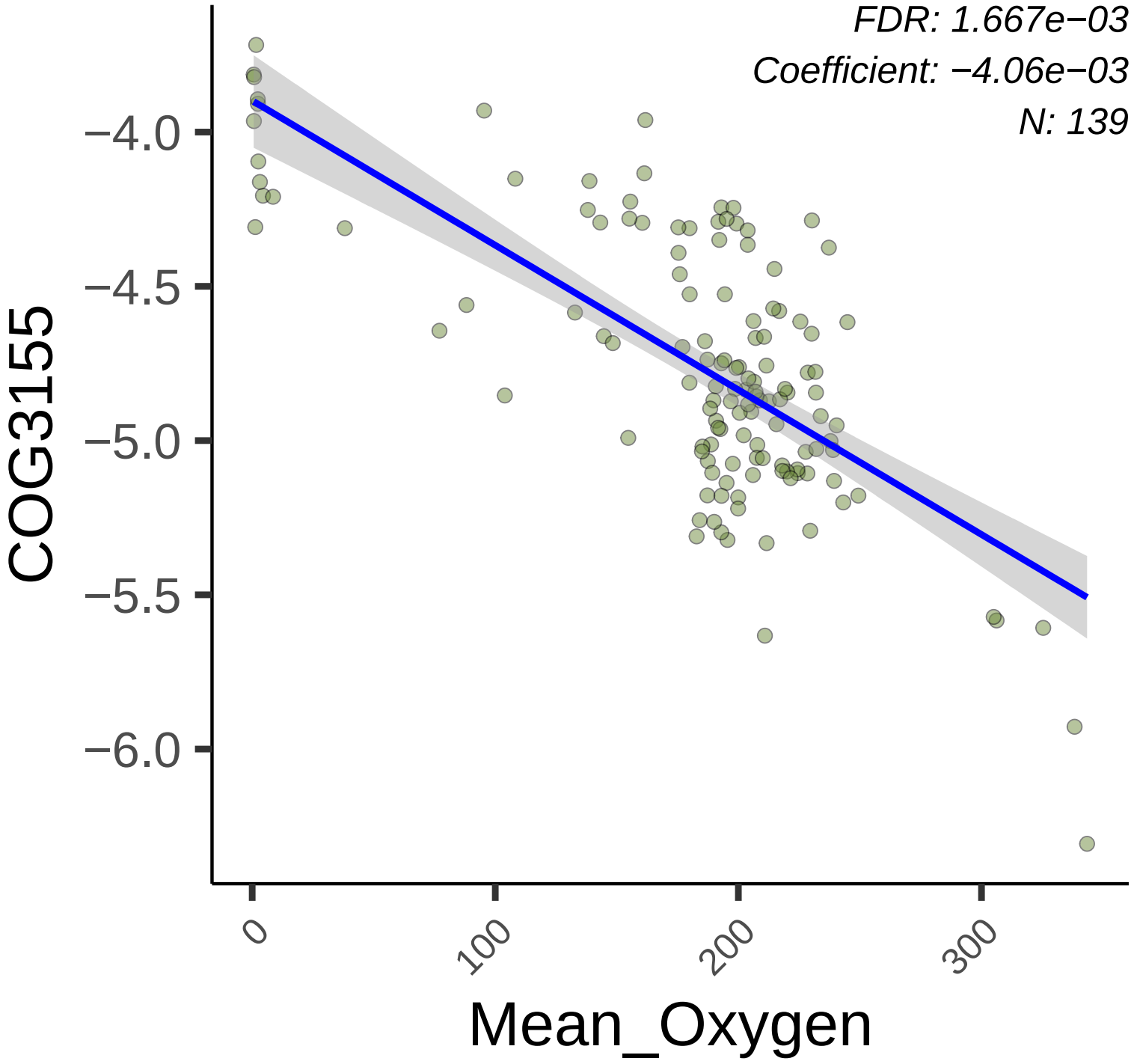
100
200
300
Mean_Oxygen


FDR: 1.667e−03
Coefficient: −4.06e−03
N: 139
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−4.5
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−6.0
COG3155
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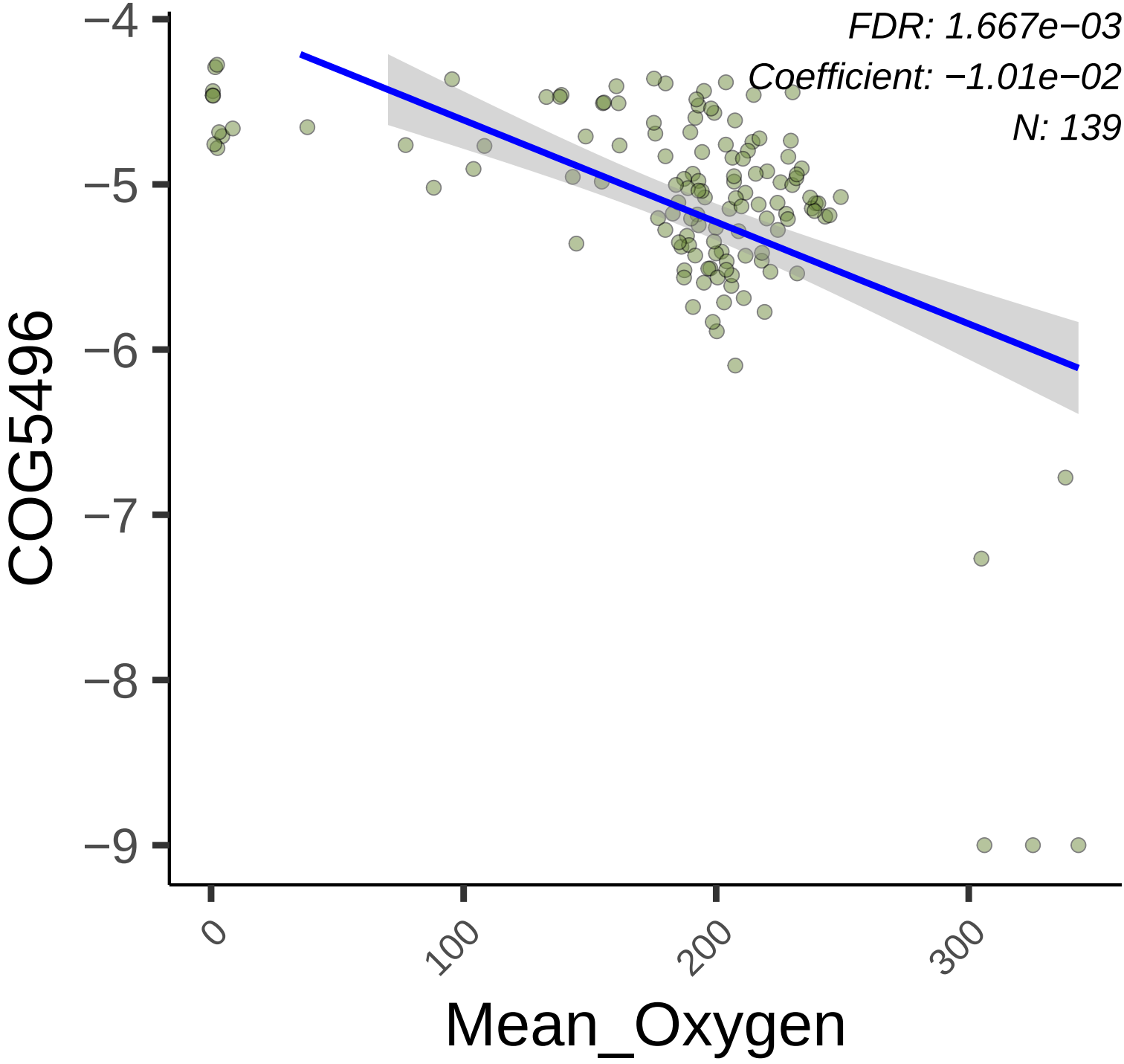
200
300
Mean_Oxygen


FDR: 1.667e−03
Coefficient: −1.01e−02
N: 139
COG5496
−4
−5
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−7
−8
−9
0
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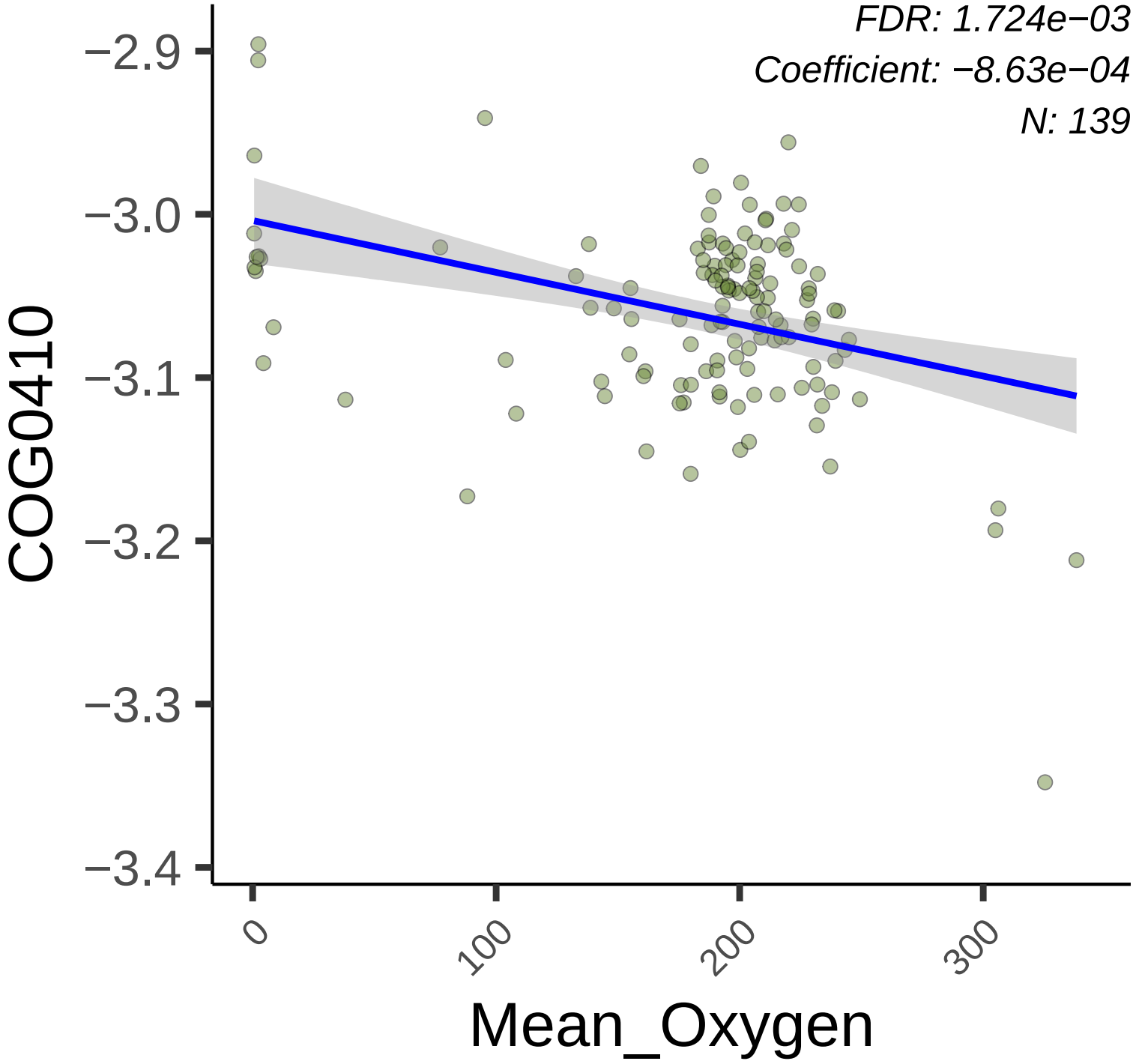
200
300
Mean_Oxygen


FDR: 1.724e−03
Coefficient: −8.63e−04
N: 139
−2.9
−3.0
−3.1
−3.2
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−3.4
COG0410
0
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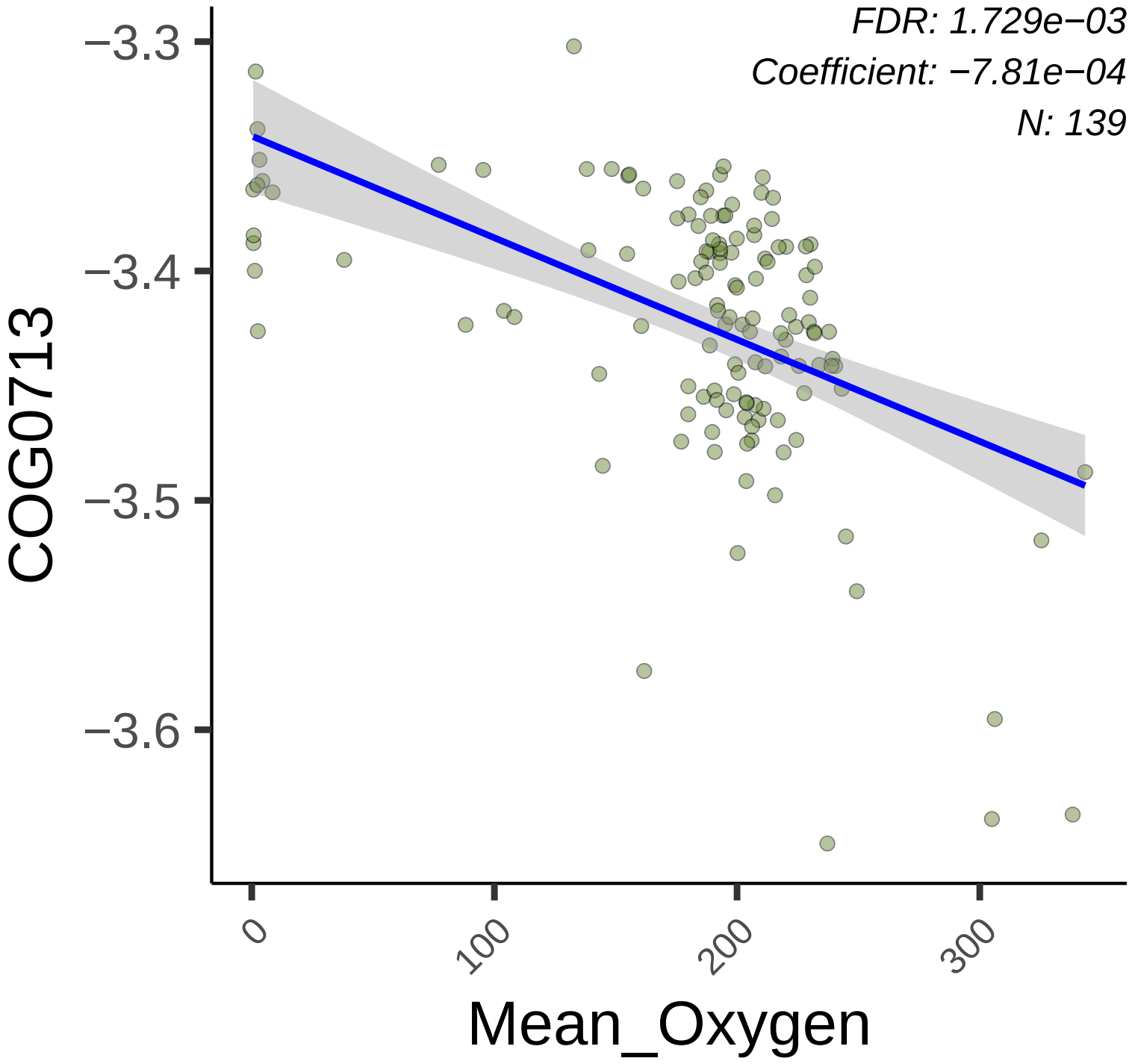
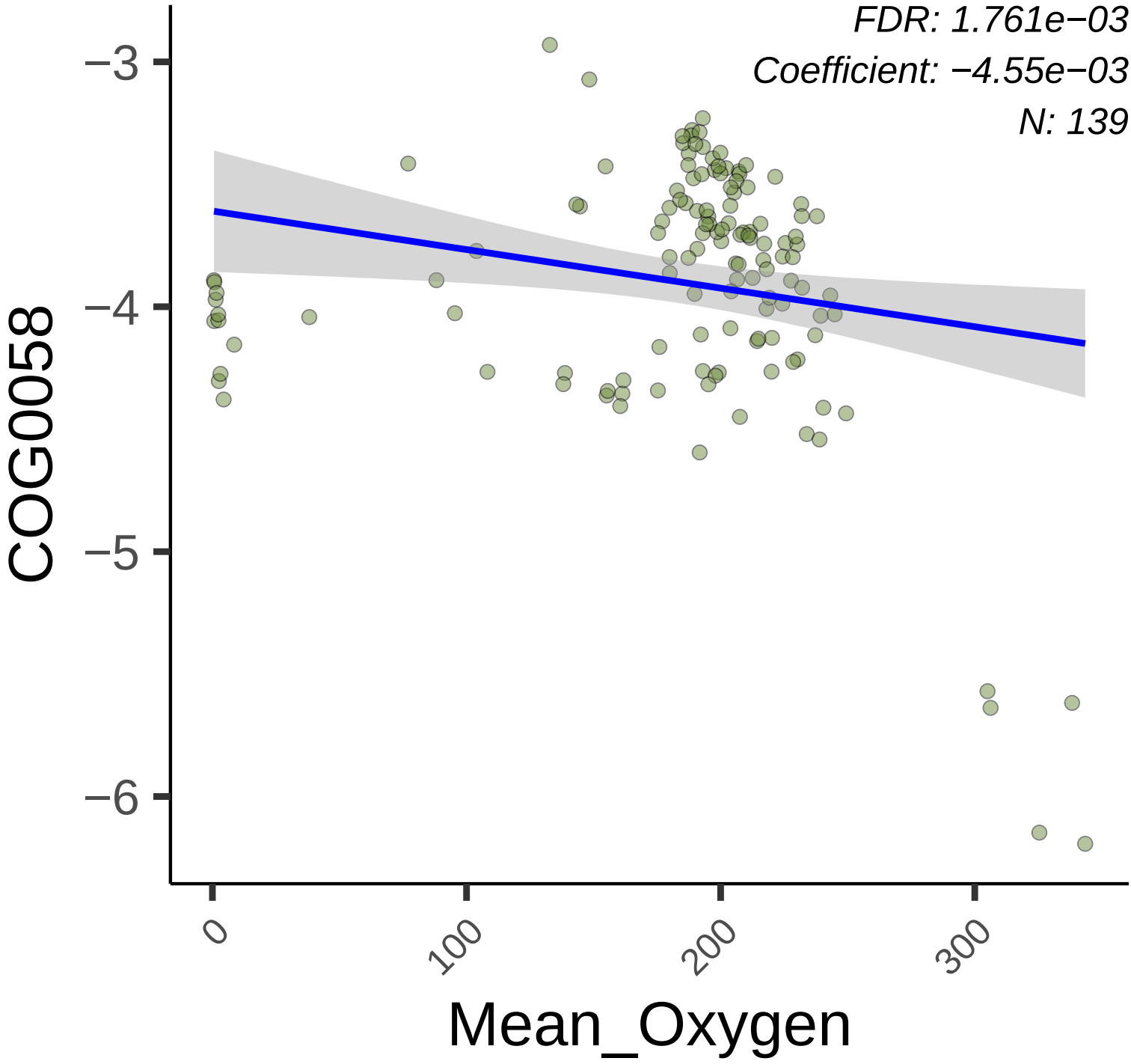
200
300
Mean_Oxygen


FDR: 1.729e−03
Coefficient: −7.81e−04
N: 139
−3.3
−3.4
−3.5
−3.6
COG0713
0
100
200
300
Mean_Oxygen


FDR: 1.761e−03
Coefficient: −4.55e−03
N: 139
−3
−4
−5
−6
COG0058
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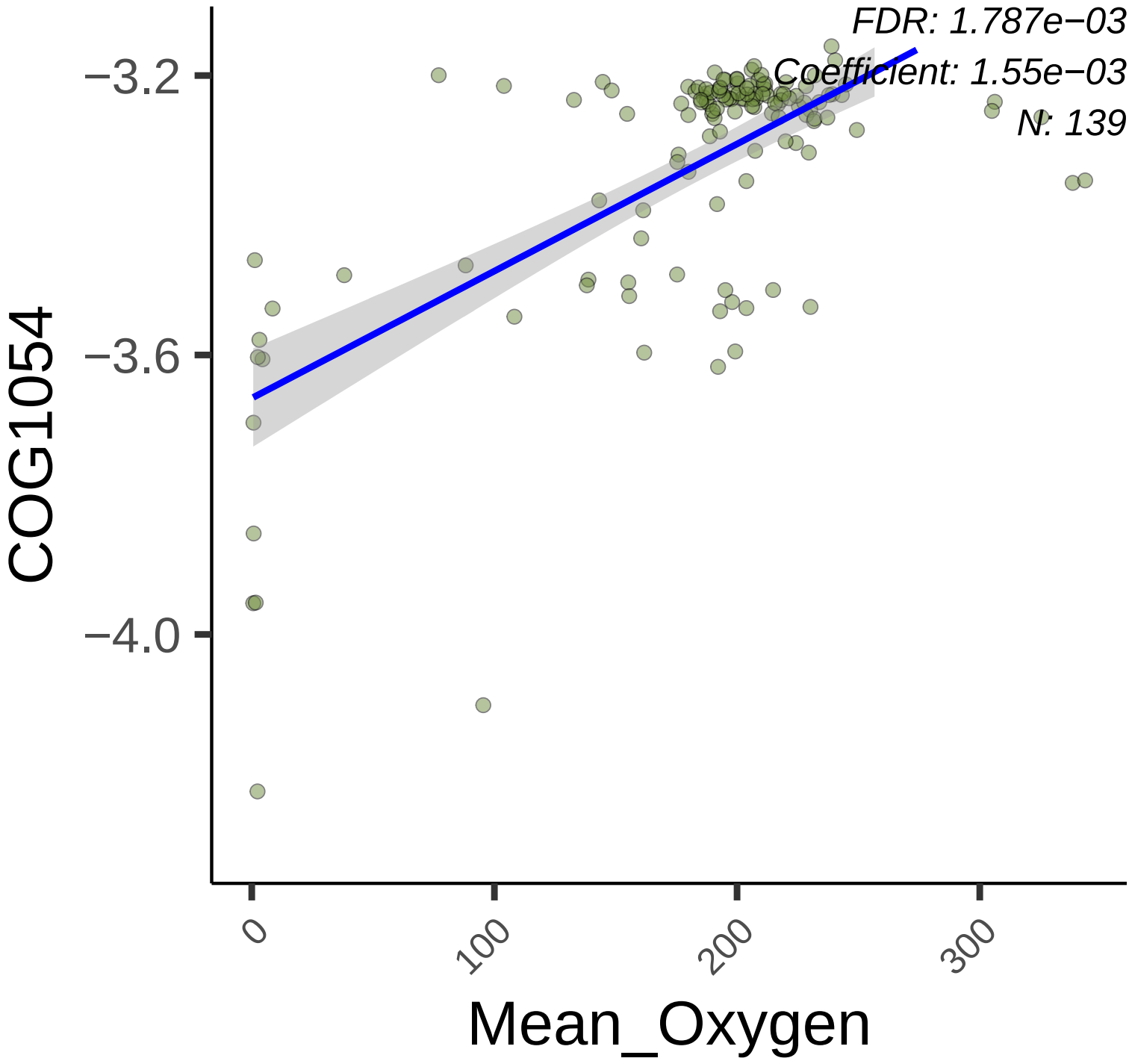
200
300
Mean_Oxygen


FDR: 1.787e−03
Coefficient: 1.55e−03
N: 139
−3.2
−3.6
−4.0
COG1054
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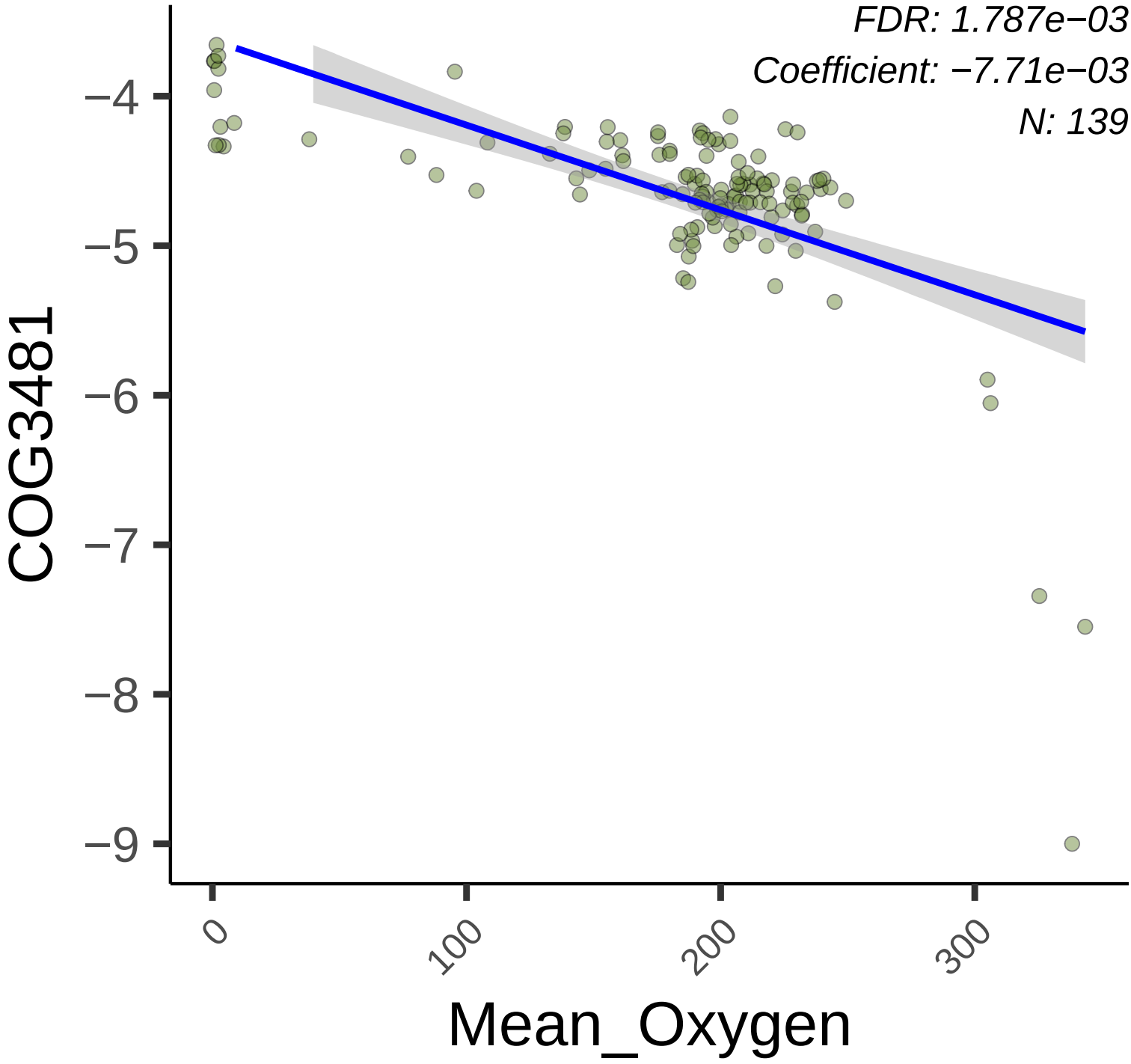
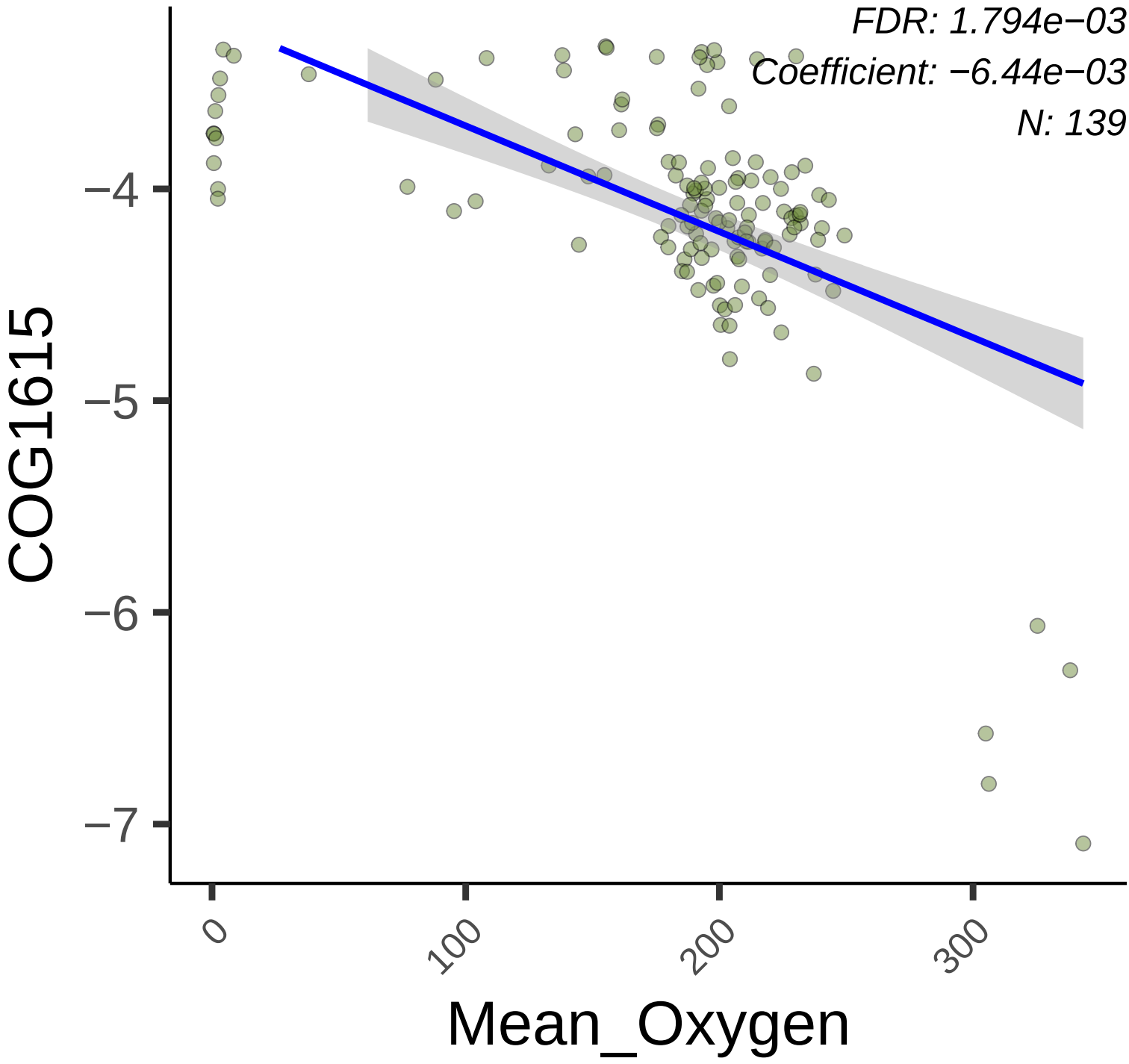
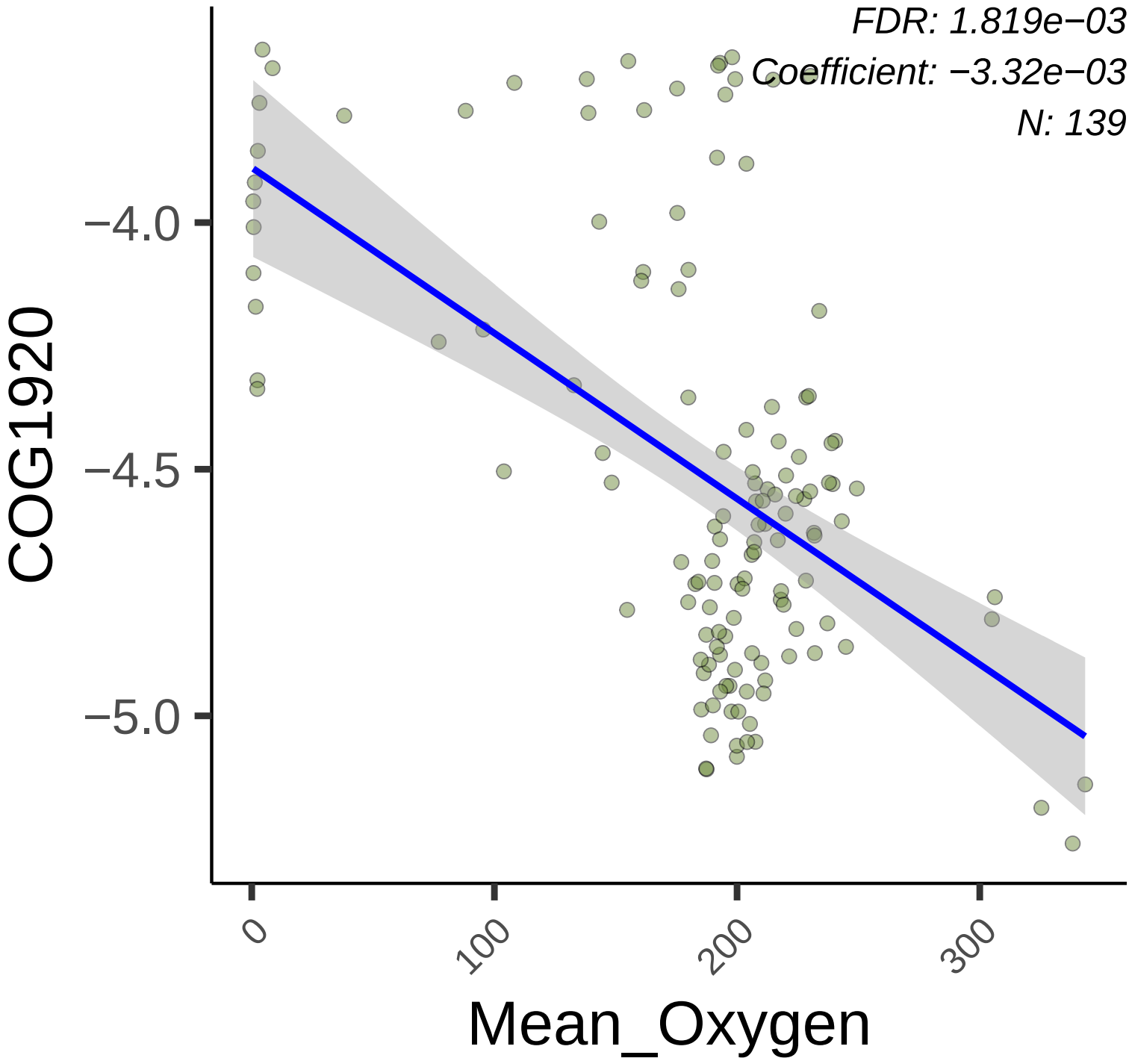
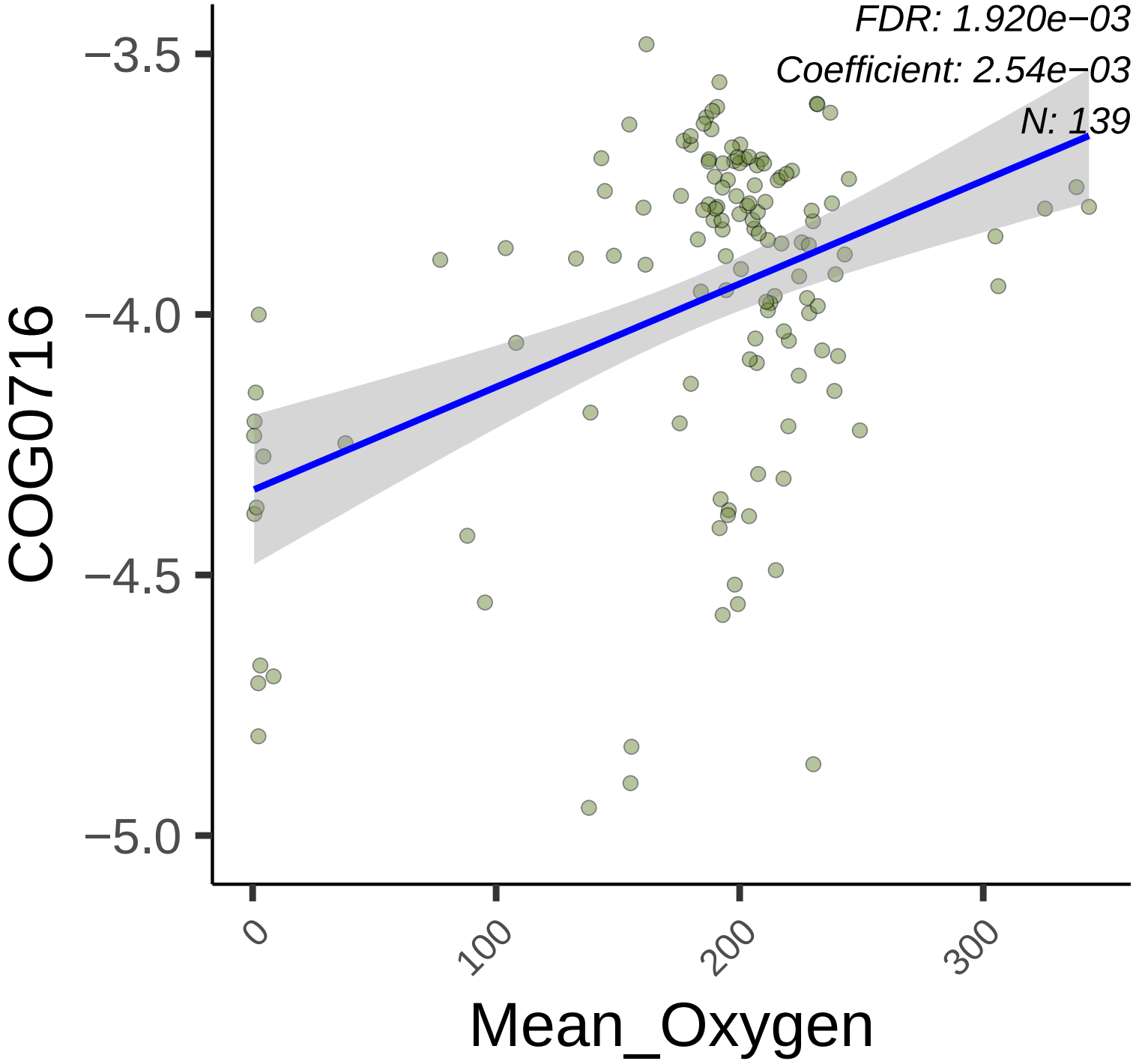
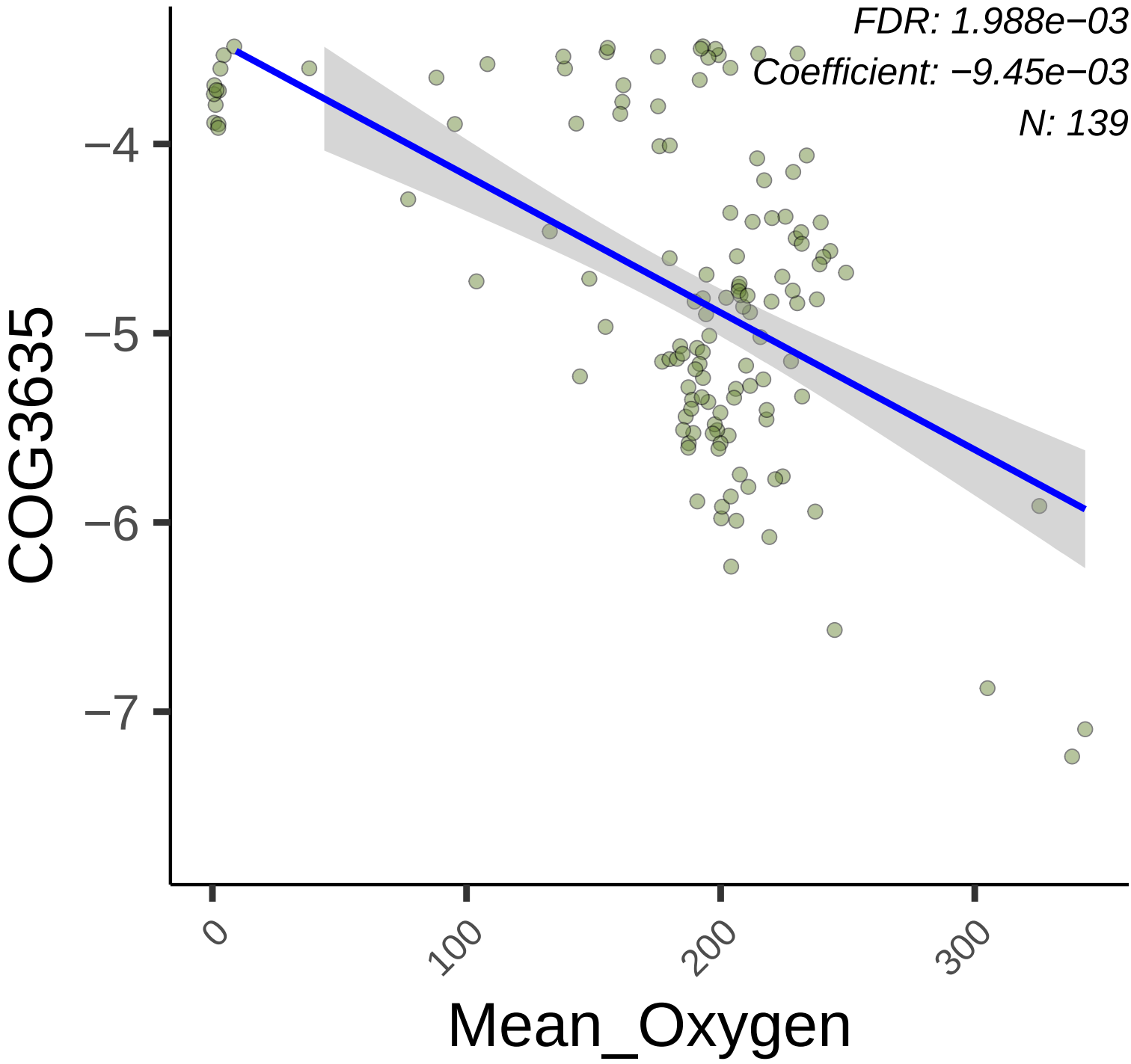
100
200
300
Mean_Oxygen

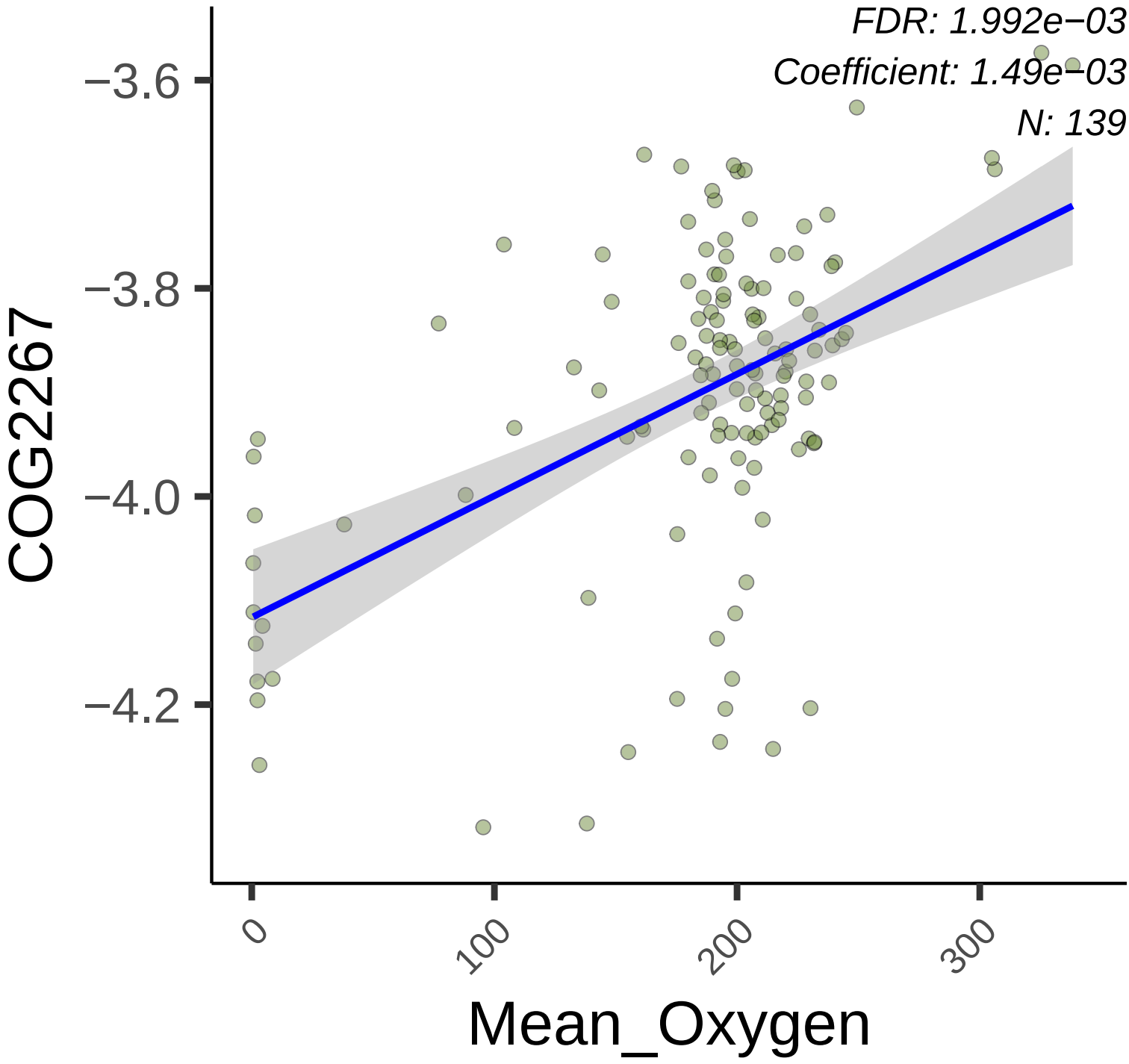

FDR: 1.787e−03
Coefficient: −7.71e−03
N: 139
COG3481
−4
−5
−6
−7
−8
−9
0
100
200
300
Mean_Oxygen

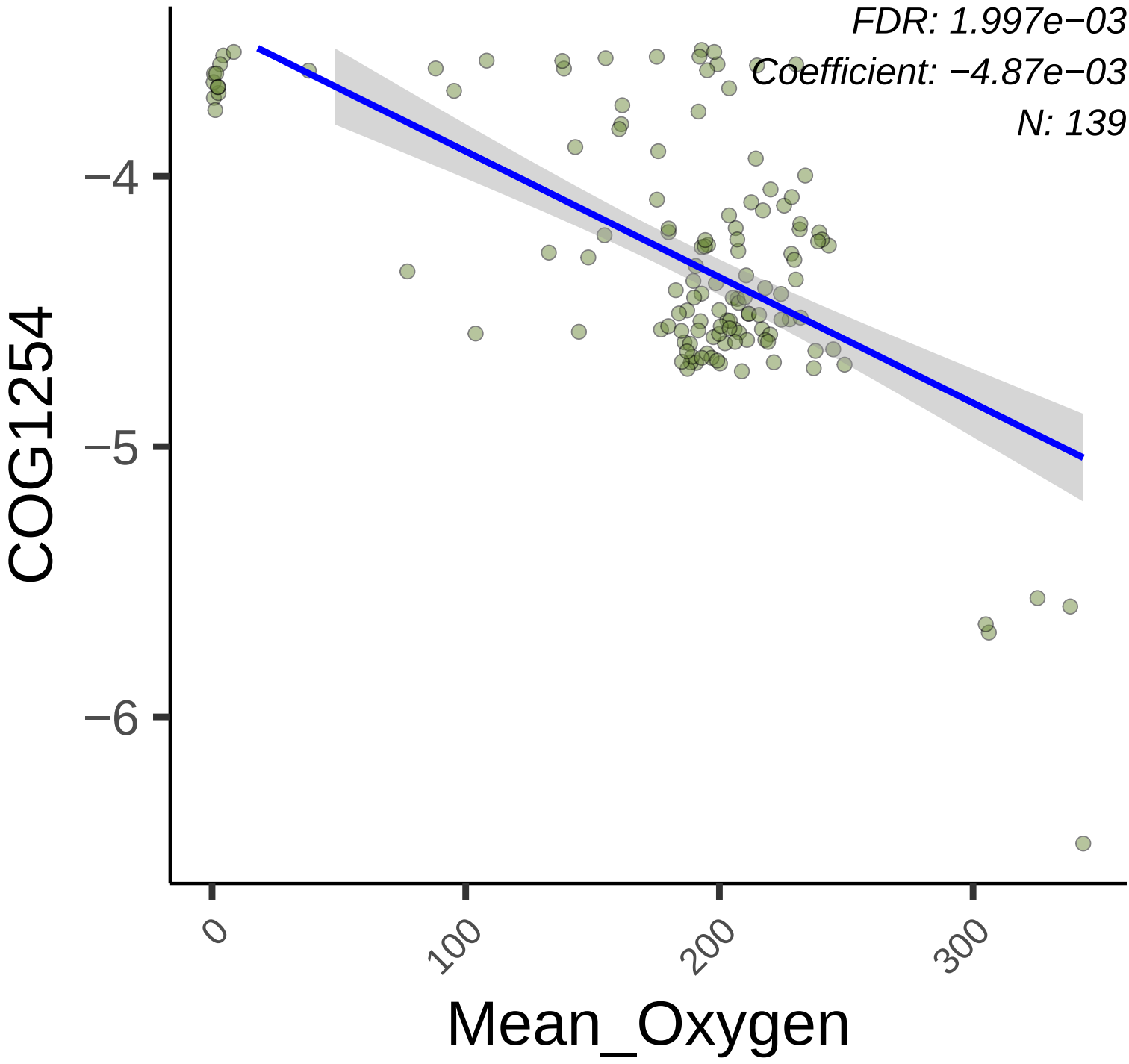

FDR: 1.794e−03
Coefficient: −6.44e−03
N: 139
COG1615
−4
−5
−6
−7
0
100
200
300
Mean_Oxygen

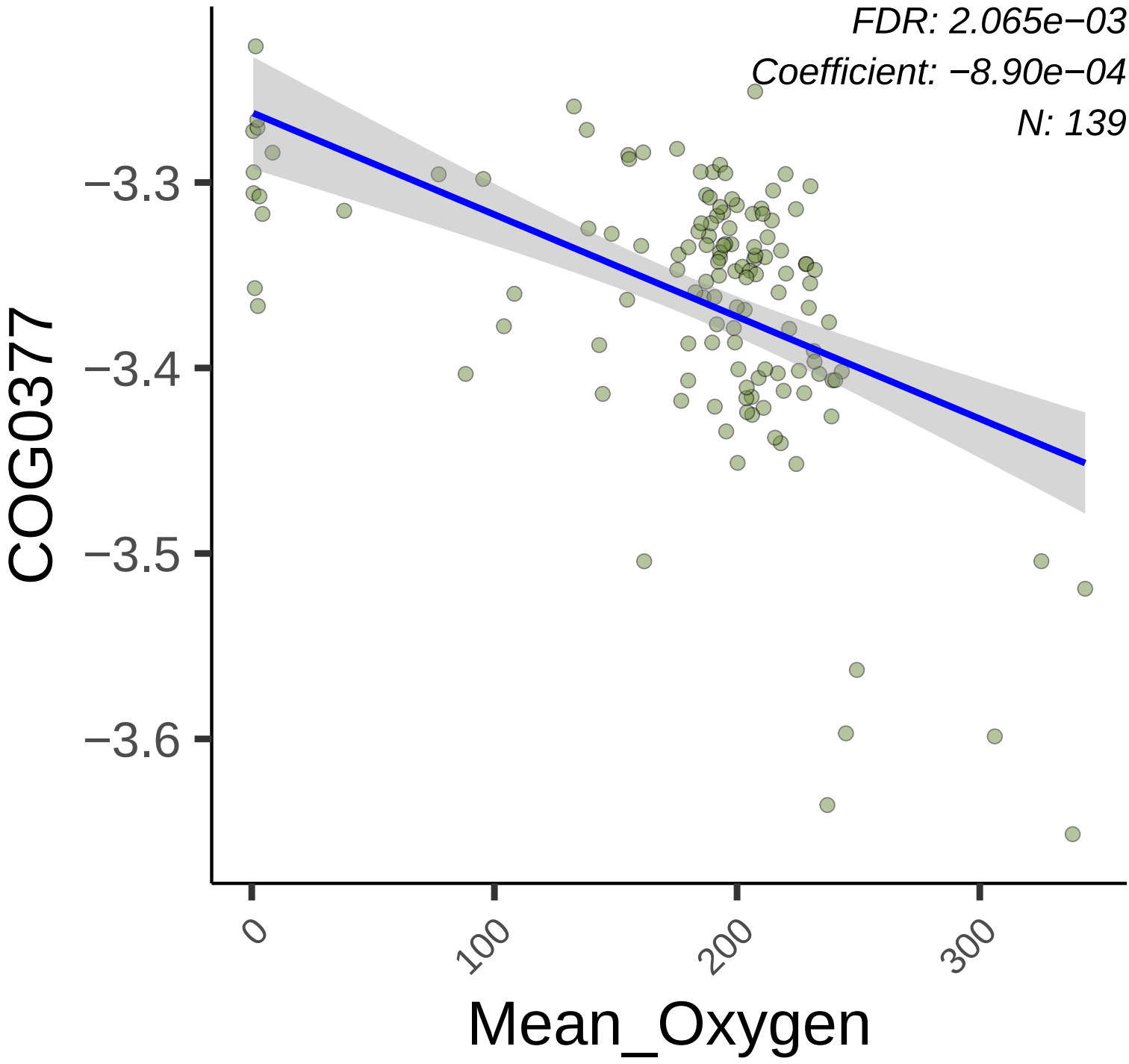

FDR: 1.819e−03
Coefficient: −3.32e−03
N: 139
COG1920
−4.0
−4.5
−5.0
0
100
200
300
Mean_Oxygen

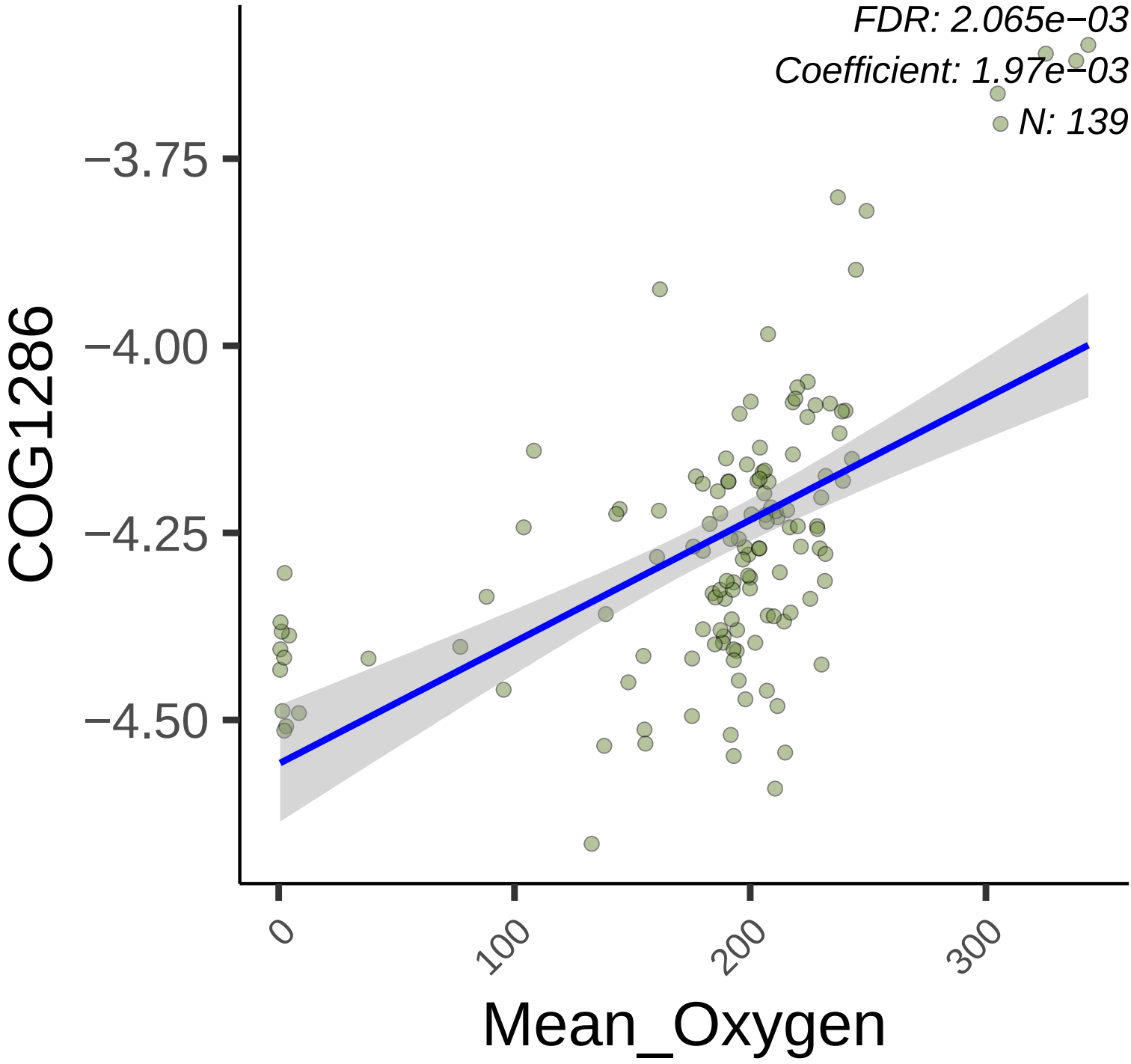

FDR: 1.920e−03
Coefficient: 2.54e−03
N: 139
−3.5
−4.0
−4.5
−5.0
COG0716
0
100
200
300
Mean_Oxygen


FDR: 1.988e−03
Coefficient: −9.45e−03
N: 139
COG3635
−4
−5
−6
−7
0
100
200
300
Mean_Oxygen


FDR: 1.992e−03
Coefficient: 1.49e−03
N: 139
−3.6
−3.8
−4.0
−4.2
COG2267
0
100
200
300
Mean_Oxygen


FDR: 1.997e−03
Coefficient: −4.87e−03
N: 139
−4
−5
−6
COG1254
0
100
200
300
Mean_Oxygen


FDR: 2.065e−03
Coefficient: −8.90e−04
N: 139
COG0377
−3.3
−3.4
−3.5
−3.6
0
100
200
300
Mean_Oxygen


FDR: 2.065e−03
Coefficient: 1.97e−03
N: 139
−3.75
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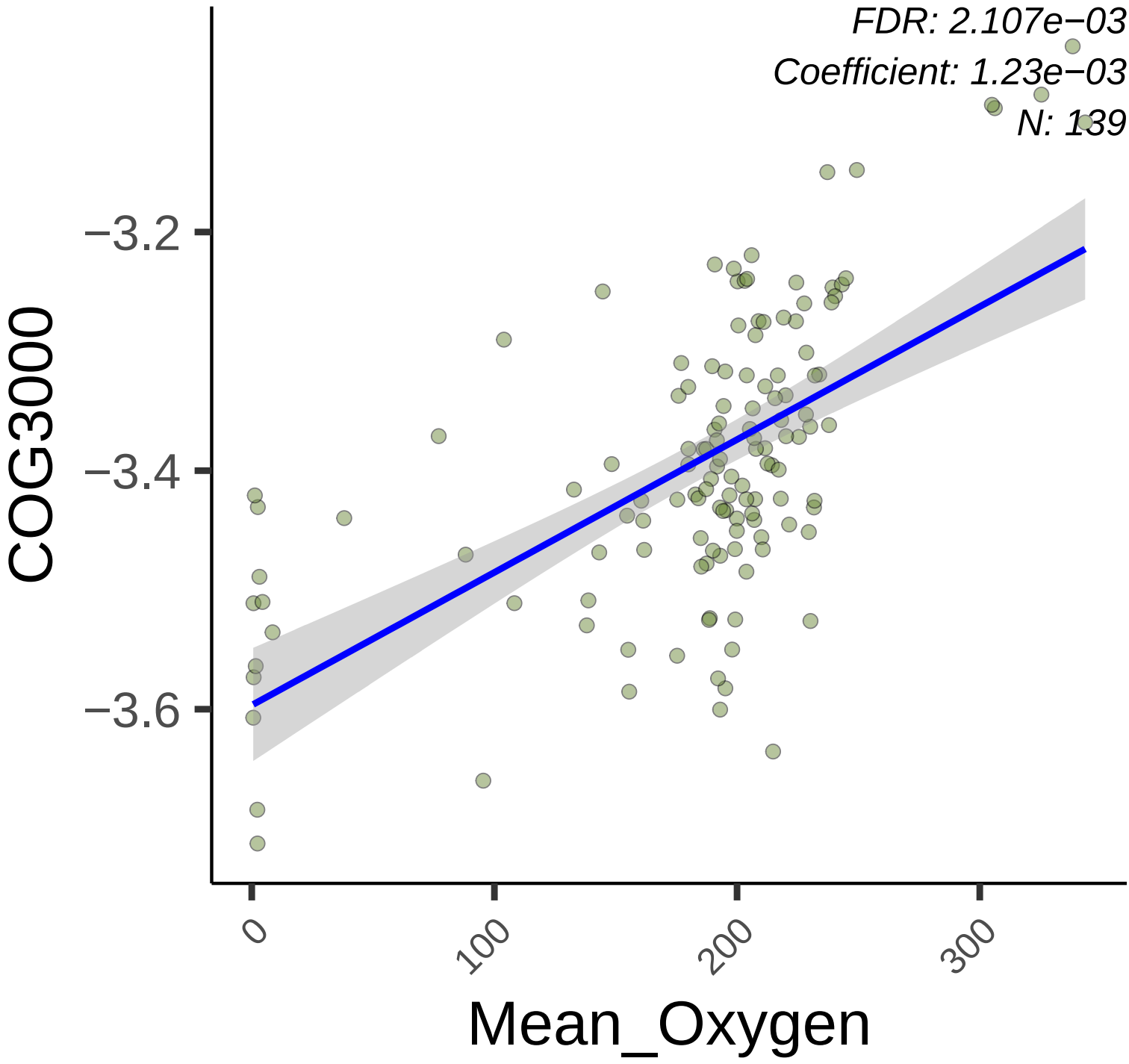
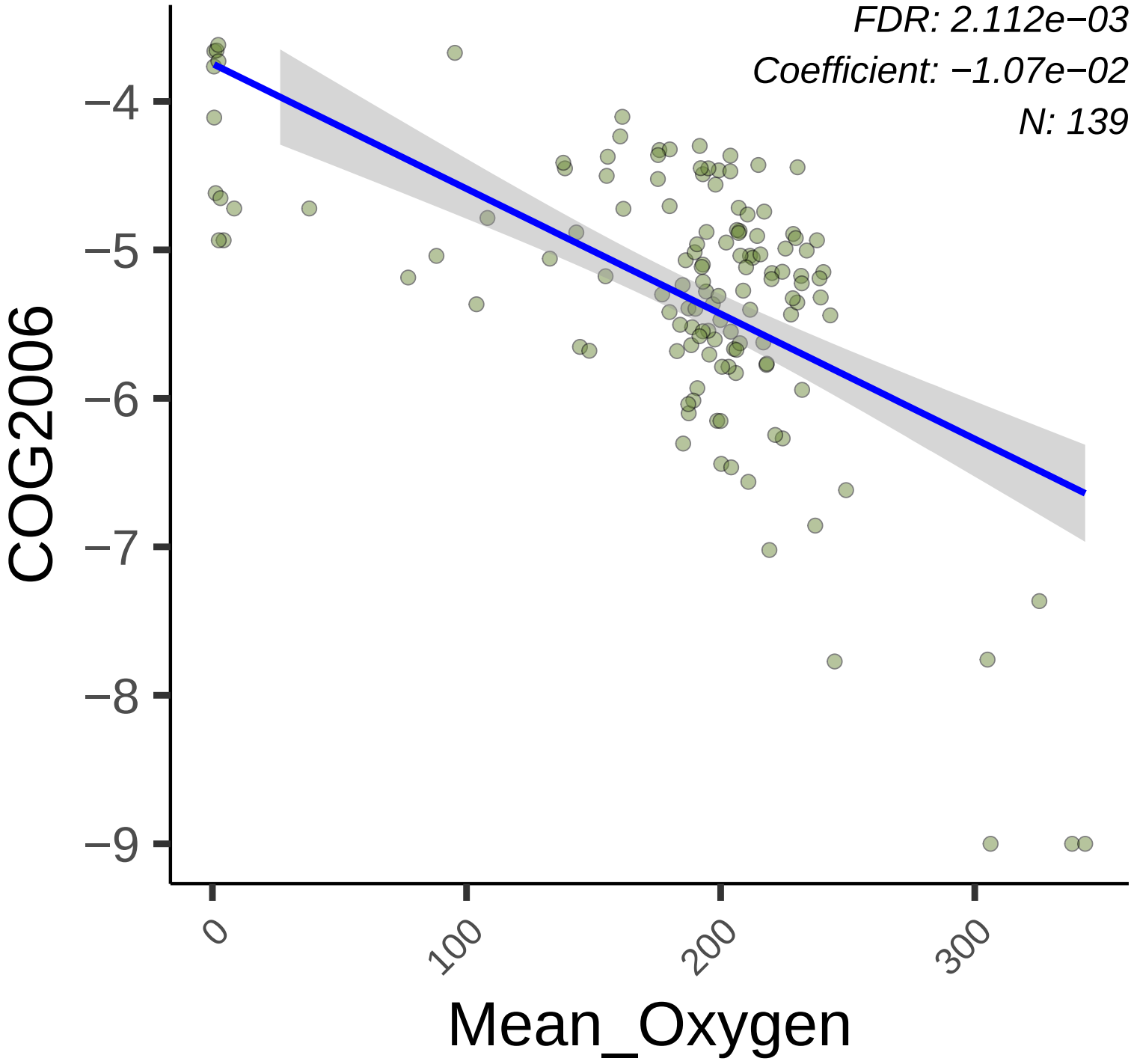
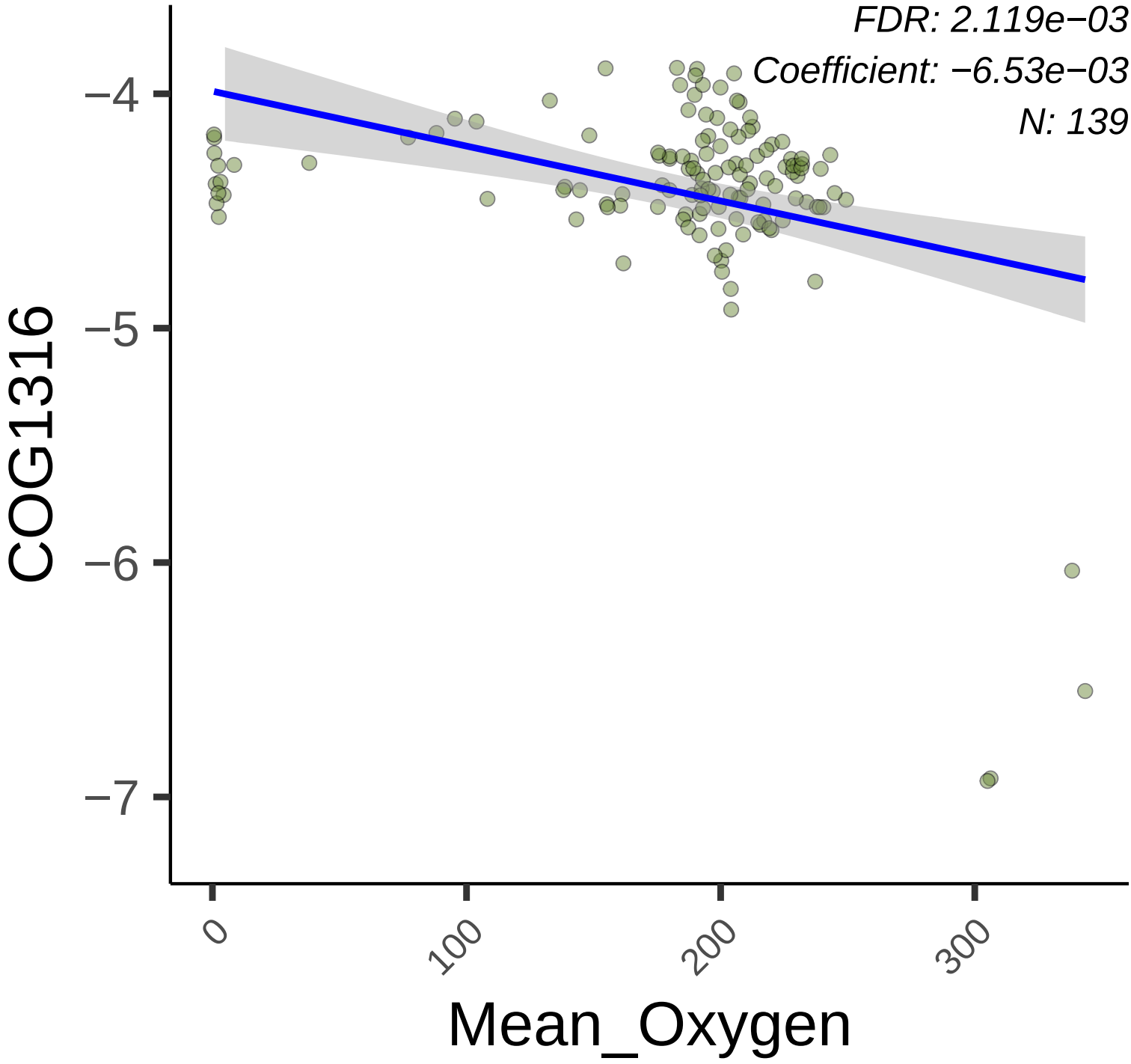
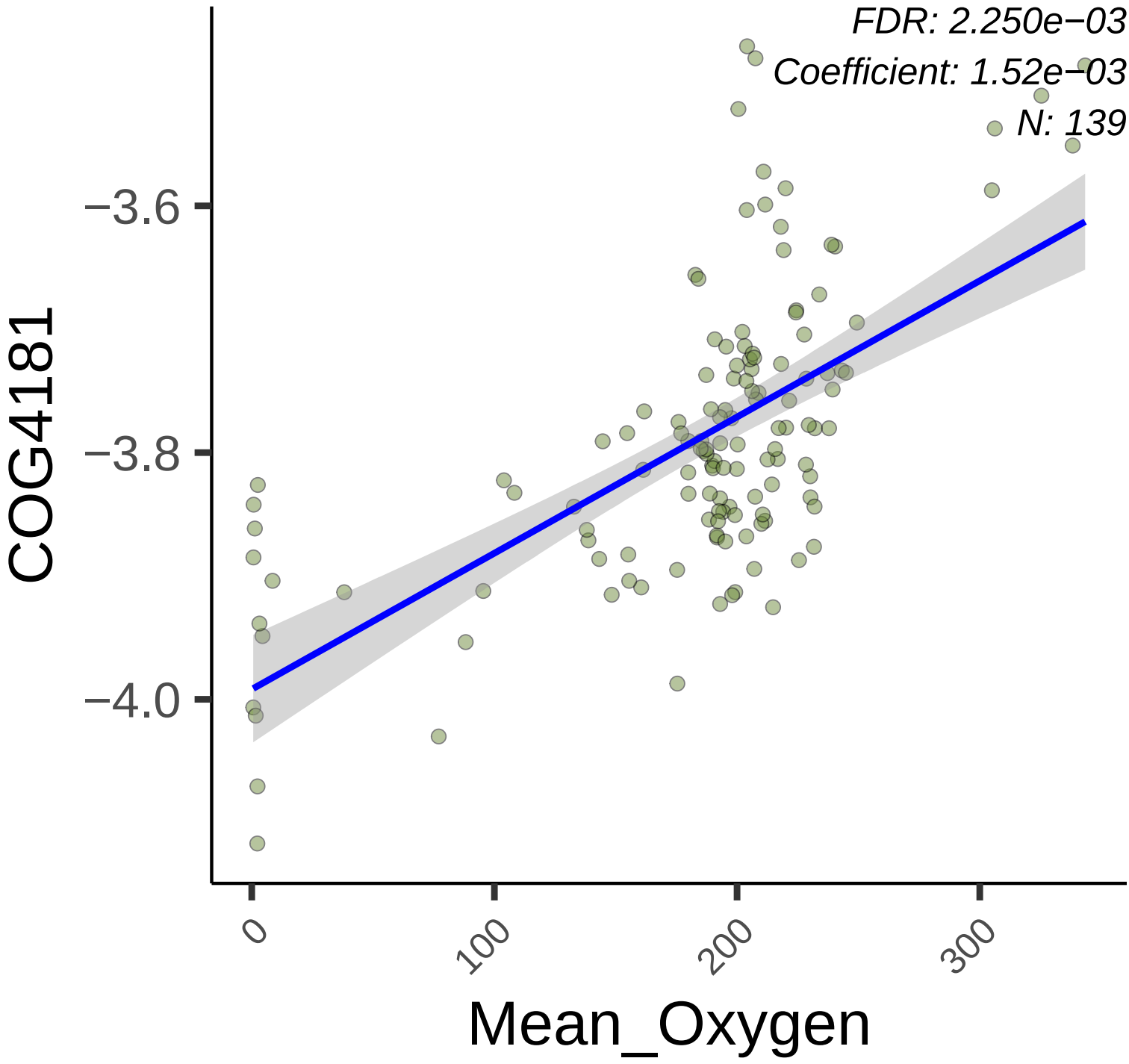
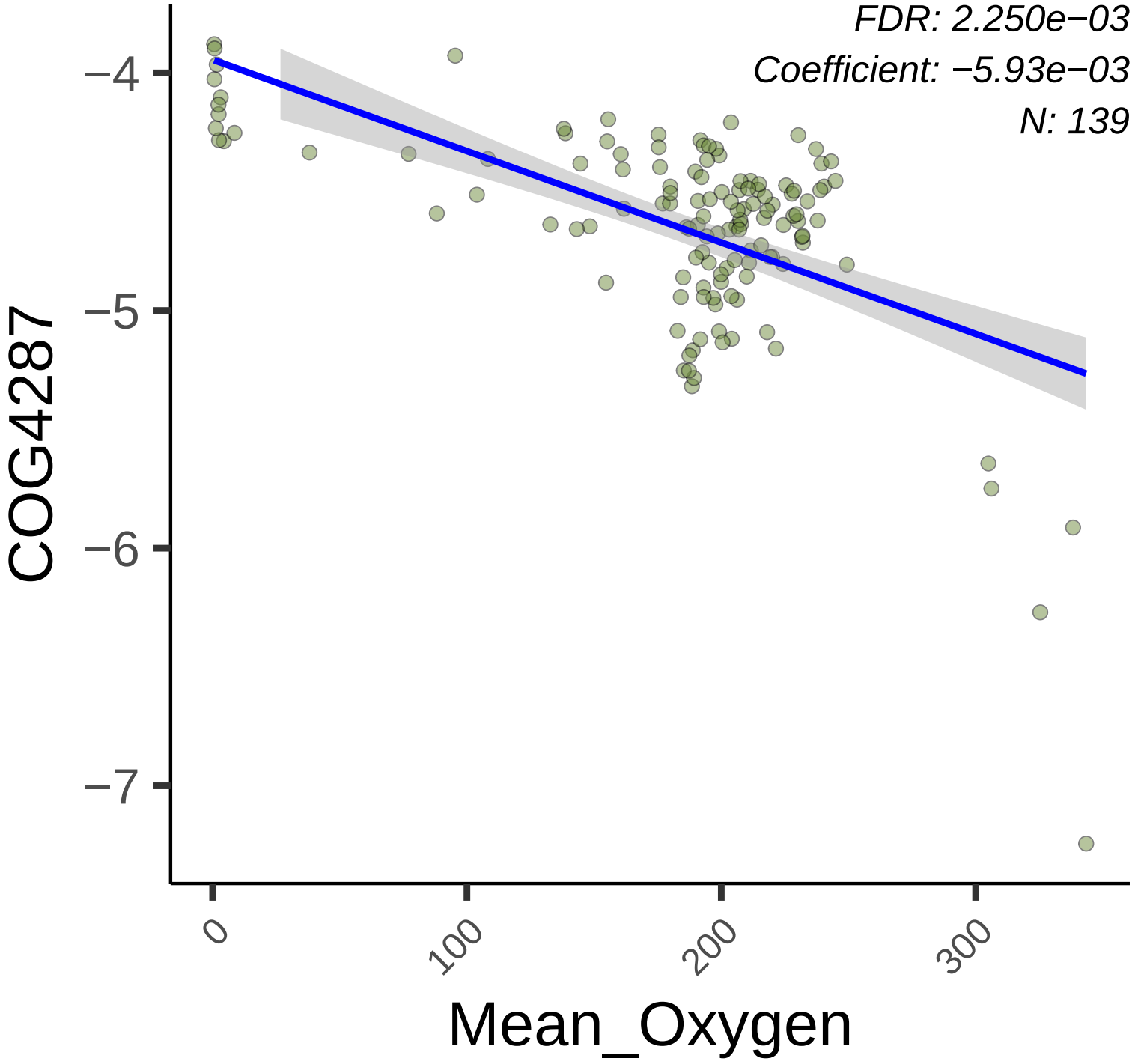
−4.25
−4.50
COG1286
0
100
200
300
Mean_Oxygen

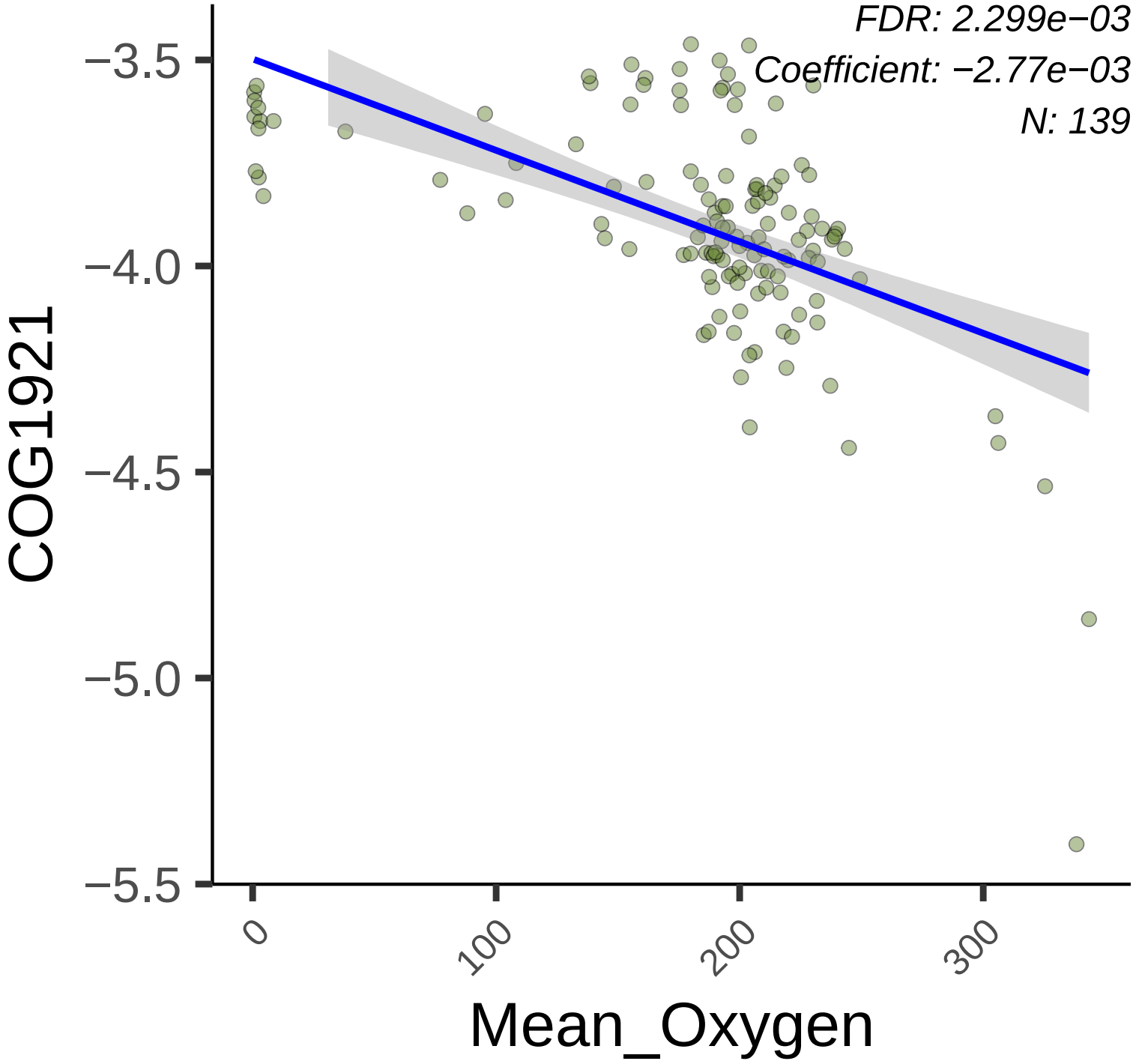

FDR: 2.107e−03
Coefficient: 1.23e−03
N: 139
COG3000
−3.2
−3.4
−3.6
0
100
200
300
Mean_Oxygen

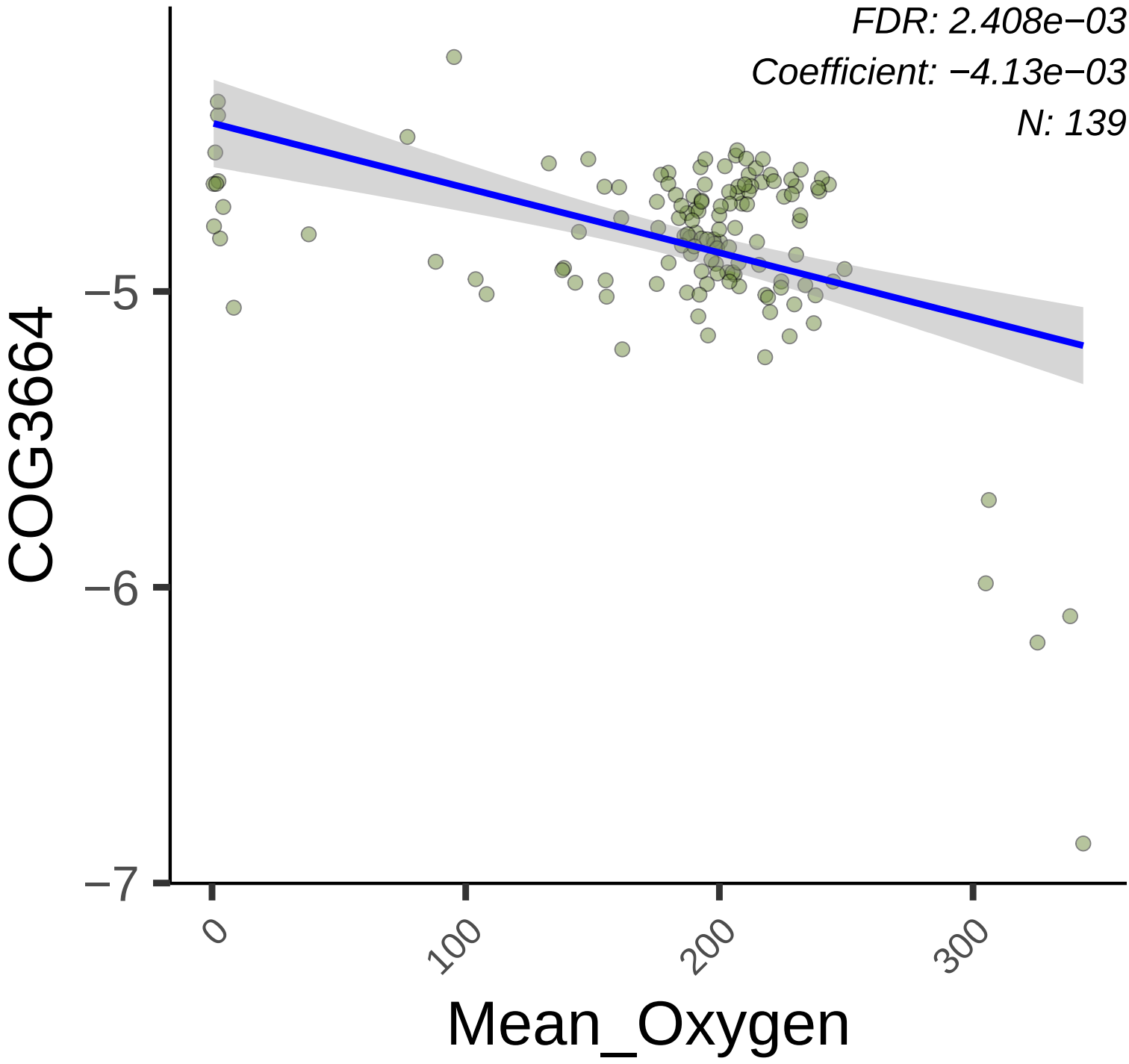

FDR: 2.112e−03
Coefficient: −1.07e−02
N: 139
COG2006
−4
−5
−6
−7
−8
−9
0
100
200
300
Mean_Oxygen

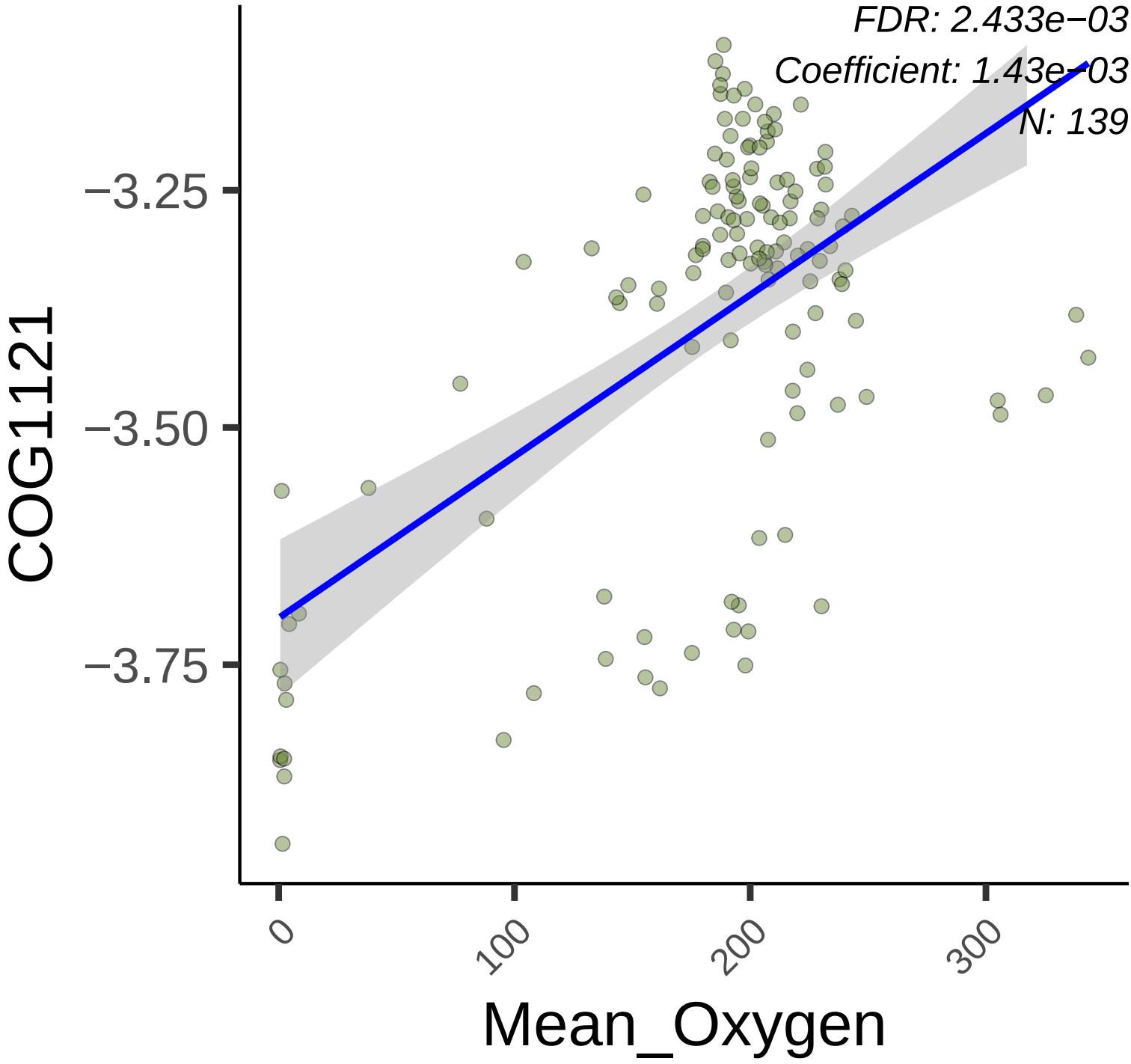

FDR: 2.119e−03
Coefficient: −6.53e−03
N: 139
COG1316
−4
−5
−6
−7
0
100
200
300
Mean_Oxygen


FDR: 2.250e−03
Coefficient: 1.52e−03
N: 139
−3.6
−3.8
−4.0
COG4181
0
100
200
300
Mean_Oxygen


FDR: 2.250e−03
Coefficient: −5.93e−03
N: 139
−4
−5
−6
−7
COG4287
0
100
200
300
Mean_Oxygen


FDR: 2.299e−03
Coefficient: −2.77e−03
N: 139
−3.5
−4.0
−4.5
−5.0
−5.5
COG1921
0
100
200
300
Mean_Oxygen


FDR: 2.408e−03
Coefficient: −4.13e−03
N: 139
COG3664
−5
−6
−7
0
100
200
300
Mean_Oxygen


FDR: 2.433e−03
Coefficient: 1.43e−03
N: 139
−3.25
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−3.75
COG1121
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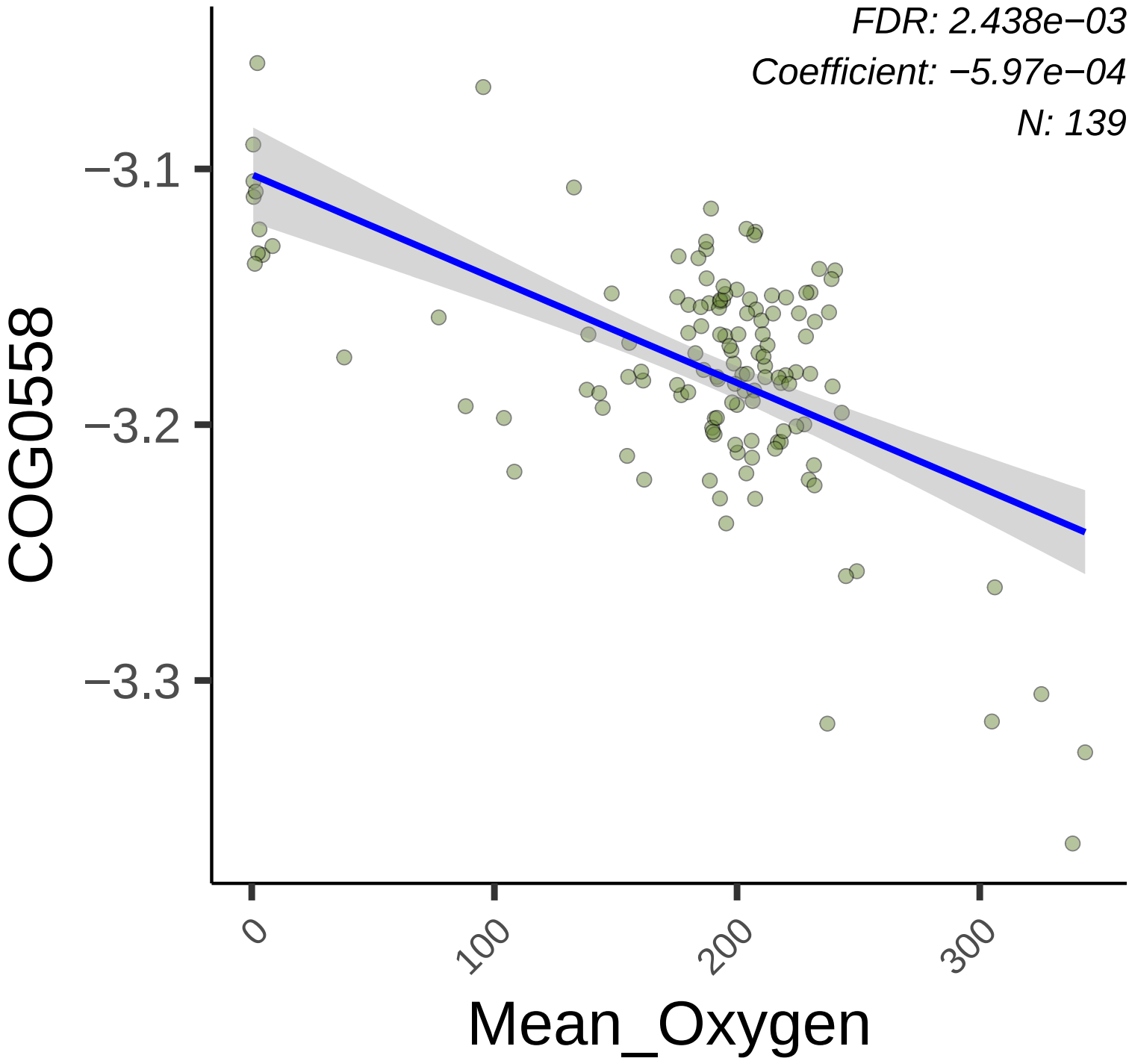
100
200
300
Mean_Oxygen


FDR: 2.438e−03
Coefficient: −5.97e−04
N: 139
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−3.2
−3.3
COG0558
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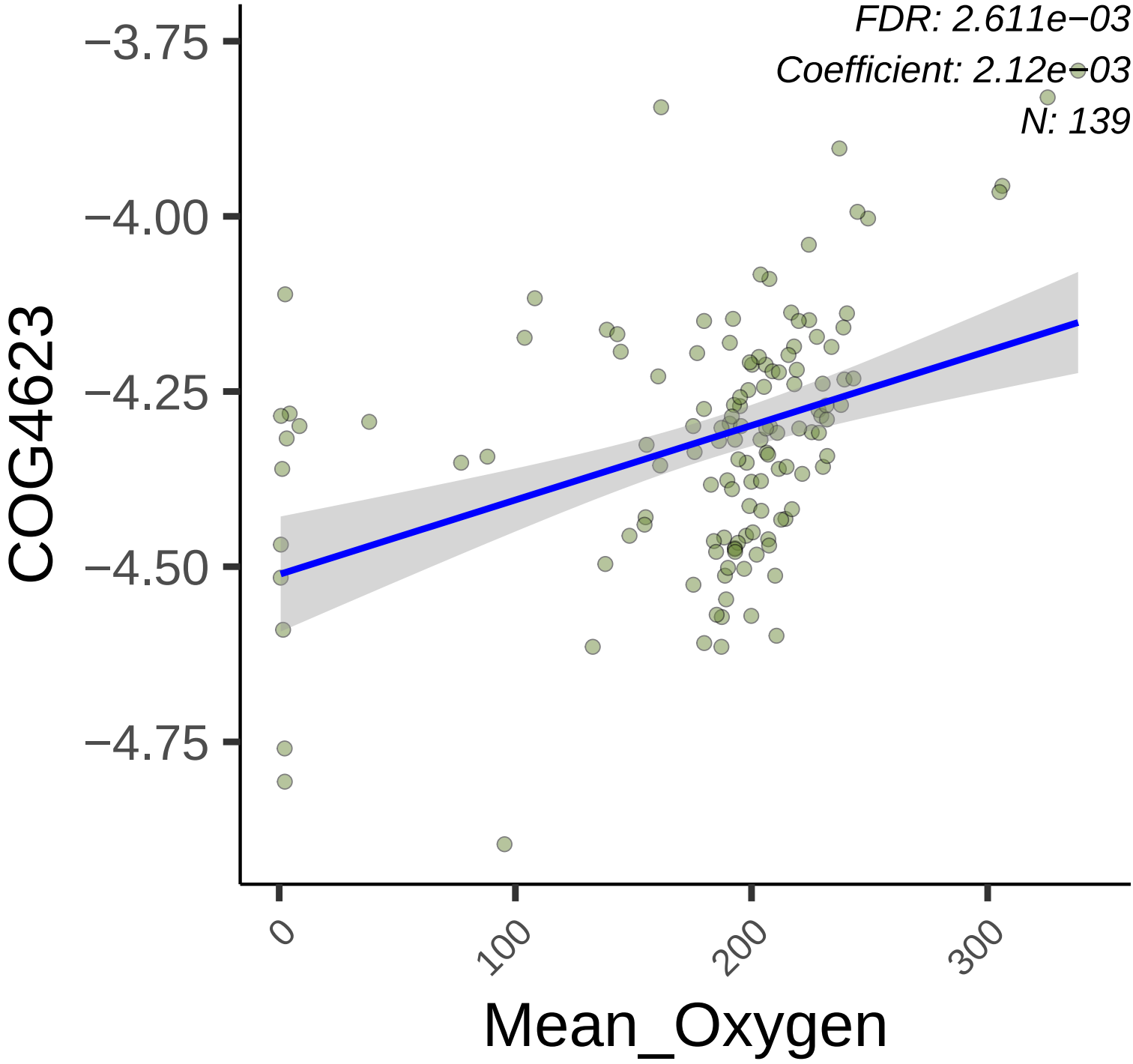
100
200
300
Mean_Oxygen


FDR: 2.611e−03
Coefficient: 2.12e−03
N: 139
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−4.00
−4.25
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−4.75
COG4623
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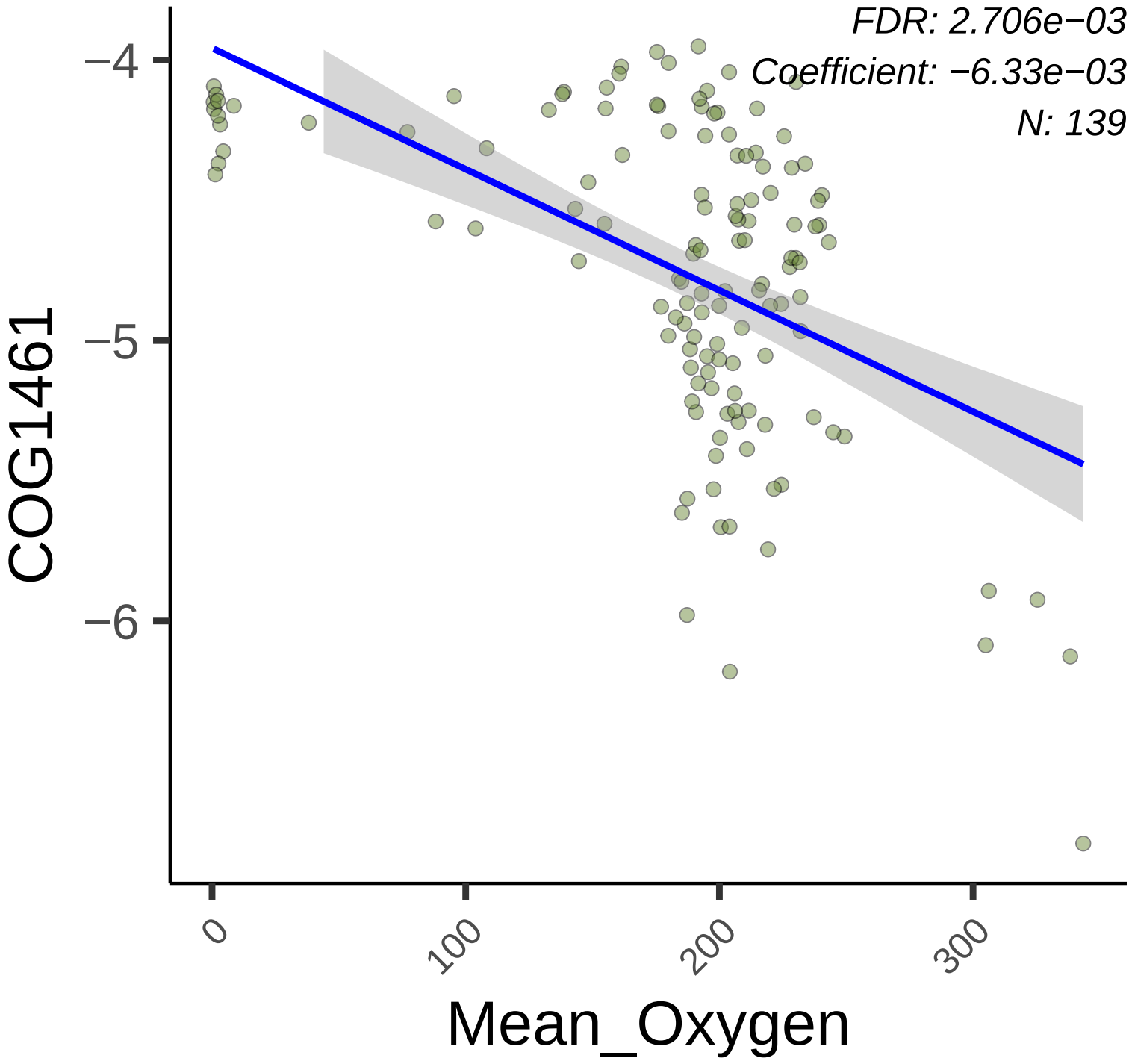
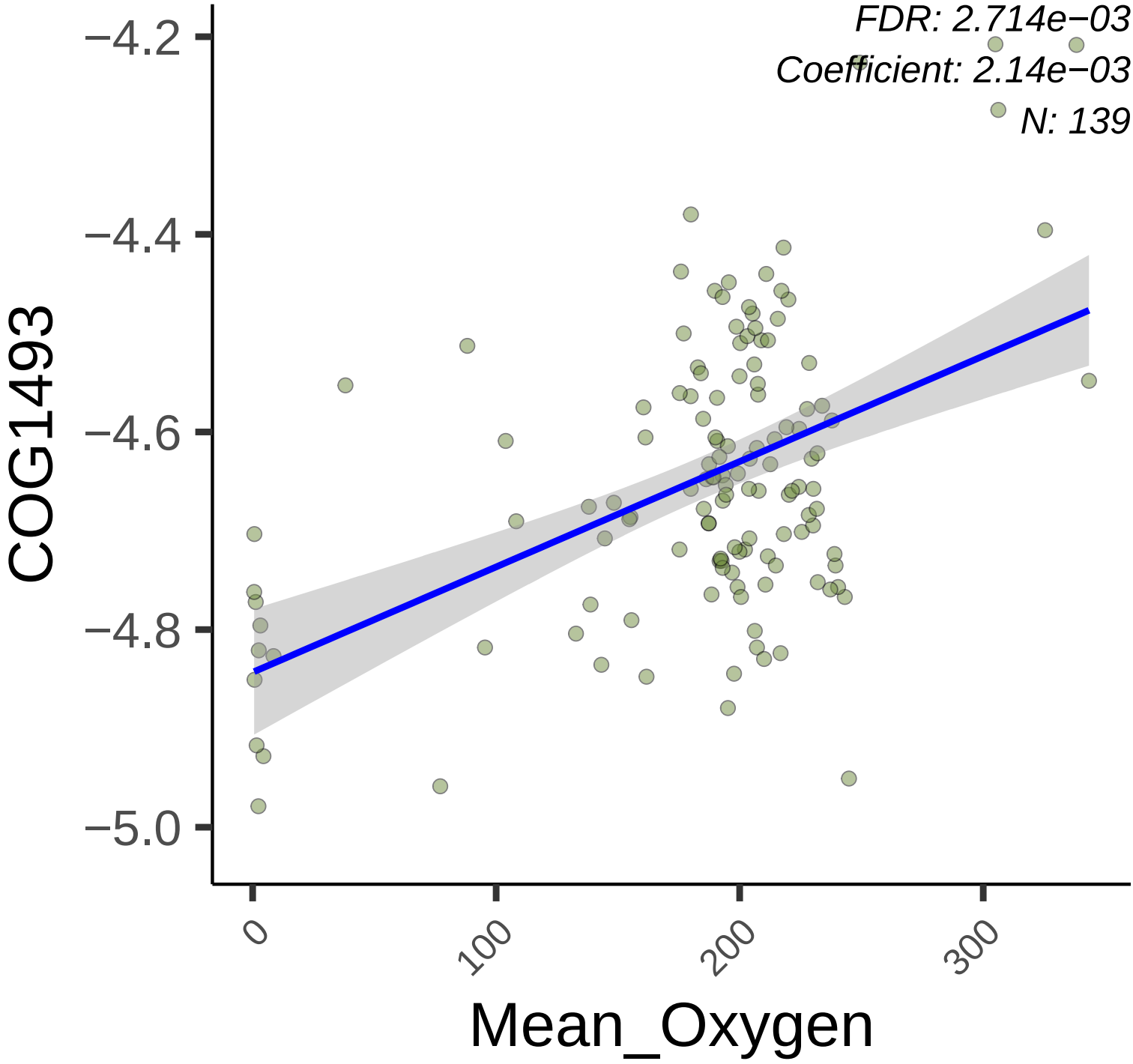
100
200
300
Mean_Oxygen


FDR: 2.706e−03
Coefficient: −6.33e−03
N: 139
−4
−5
−6
COG1461
0
100
200
300
Mean_Oxygen


FDR: 2.714e−03
Coefficient: 2.14e−03
N: 139
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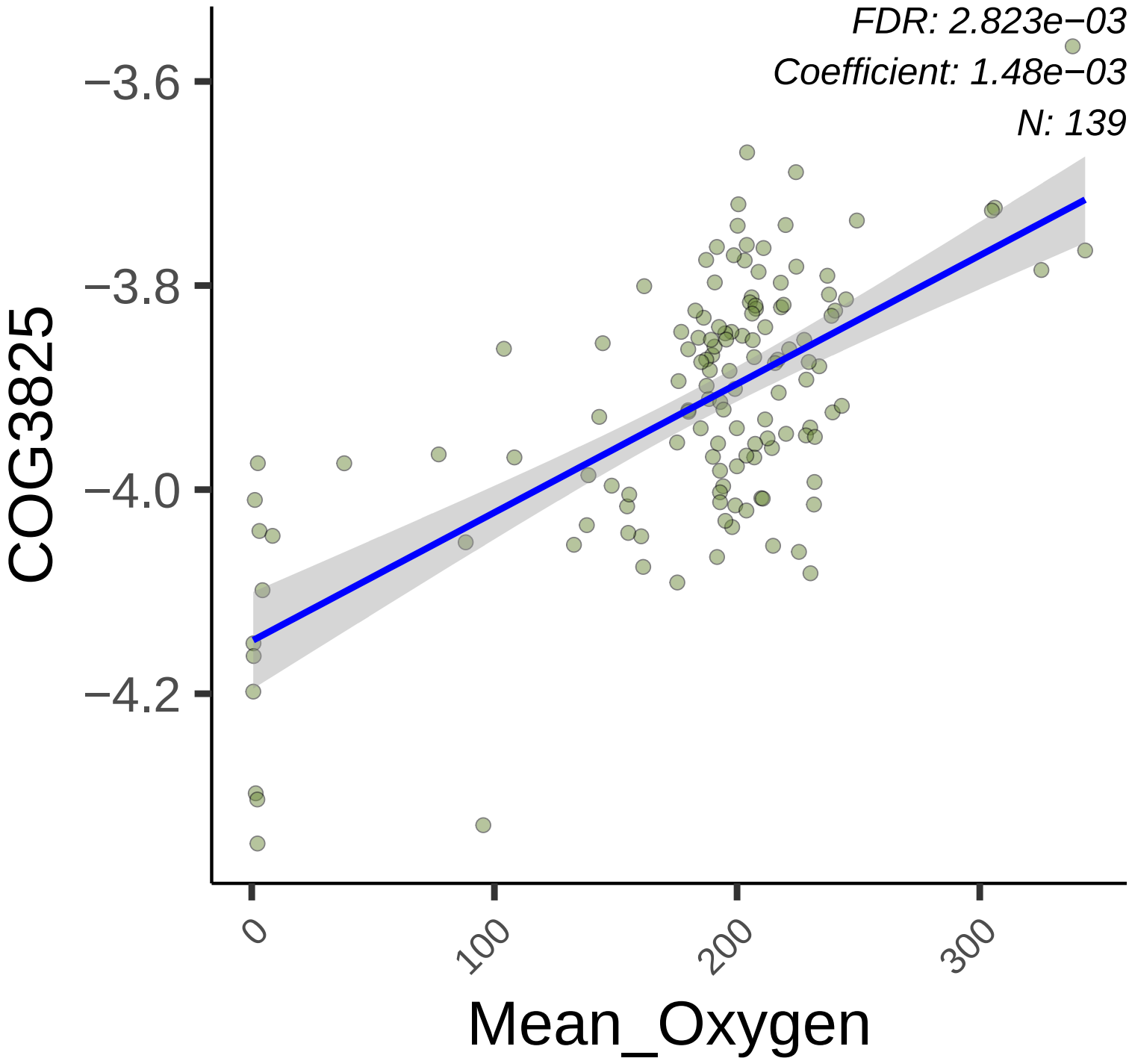
−4.4
−4.6
−4.8
−5.0
COG1493
0
100
200
300
Mean_Oxygen


FDR: 2.823e−03
Coefficient: 1.48e−03
N: 139
−3.6
−3.8
−4.0
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COG3825
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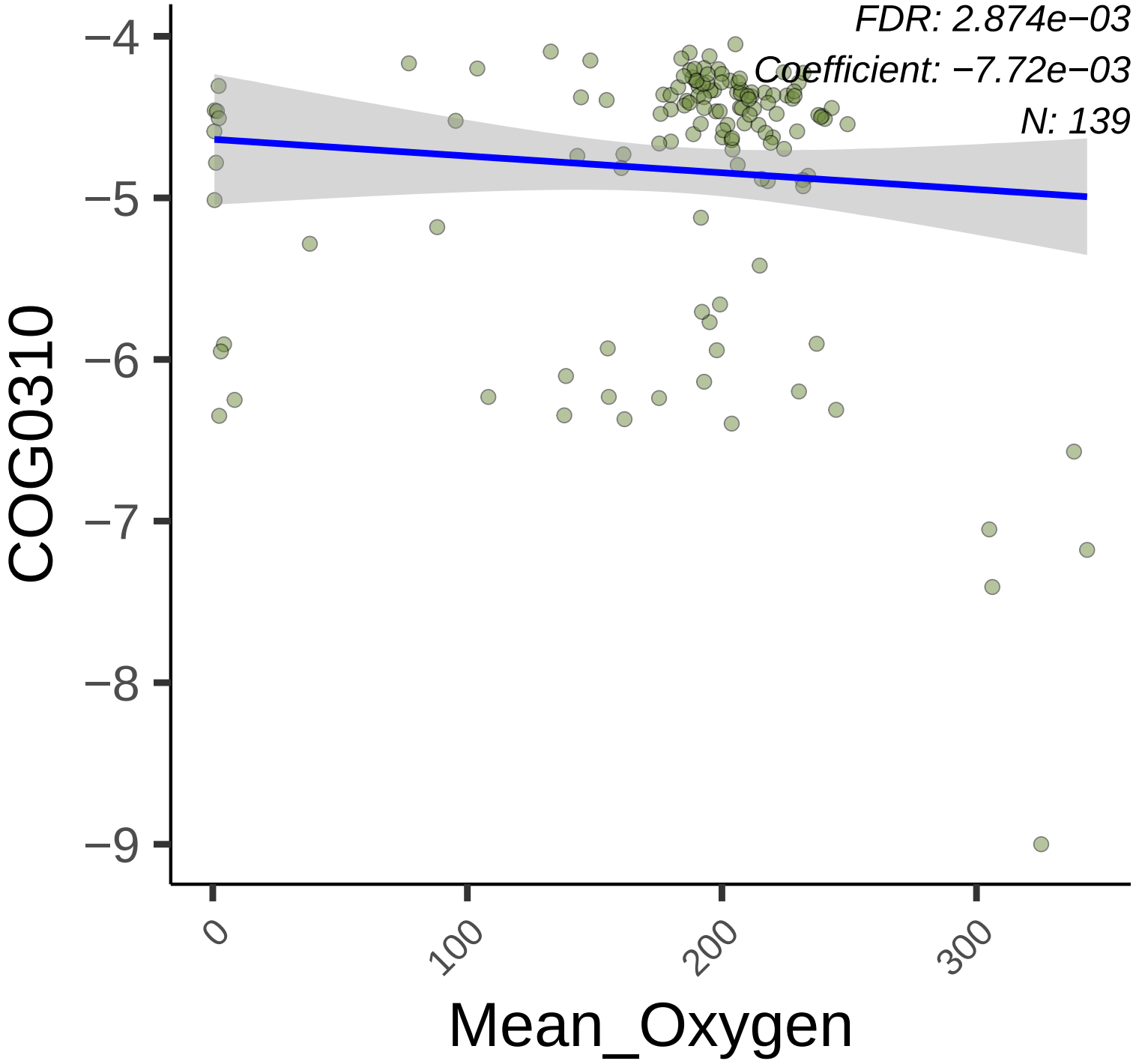
100
200
300
Mean_Oxygen


FDR: 2.874e−03
Coefficient: −7.72e−03
N: 139
−4
−5
−6
−7
−8
−9
COG0310
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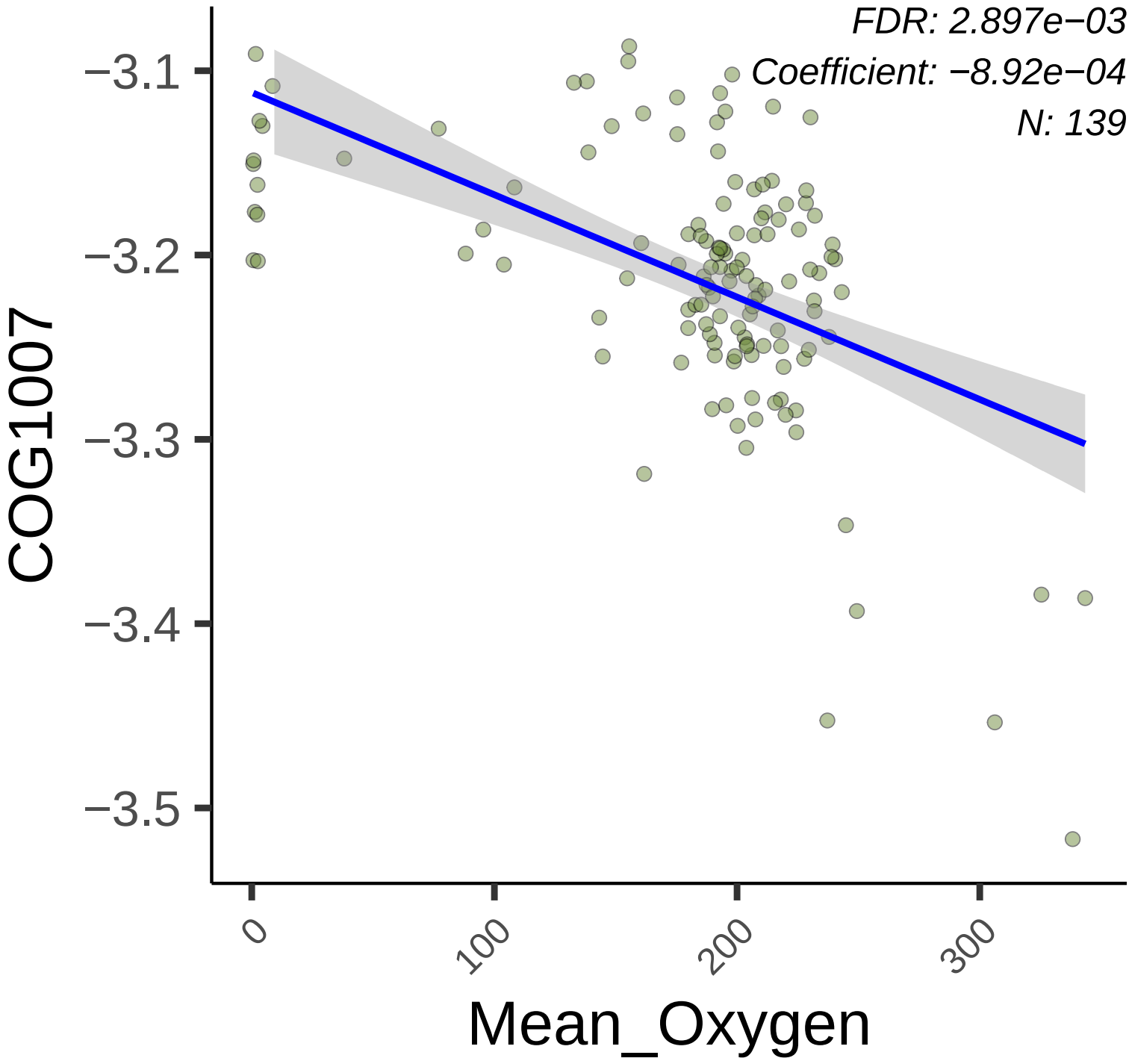
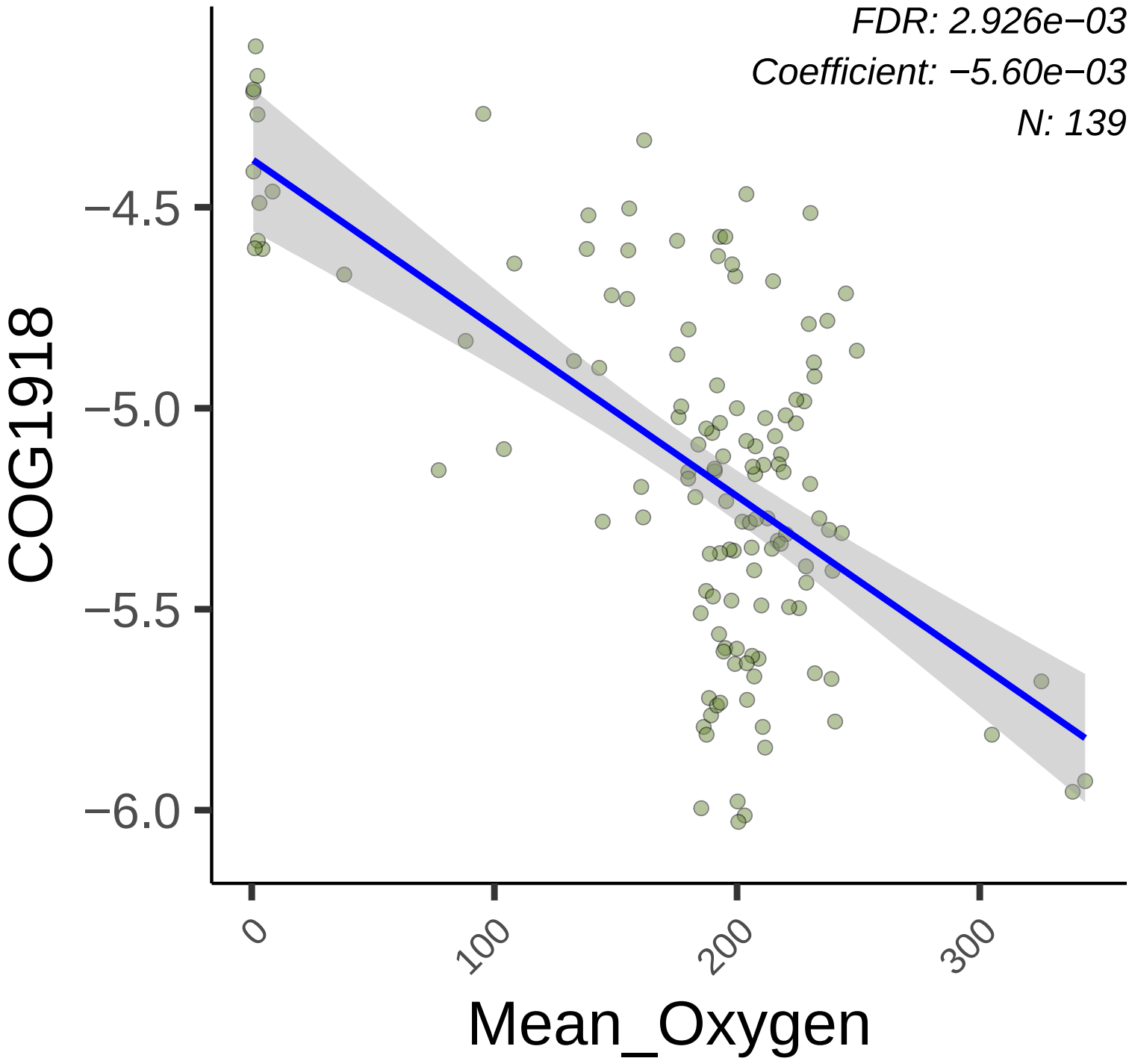
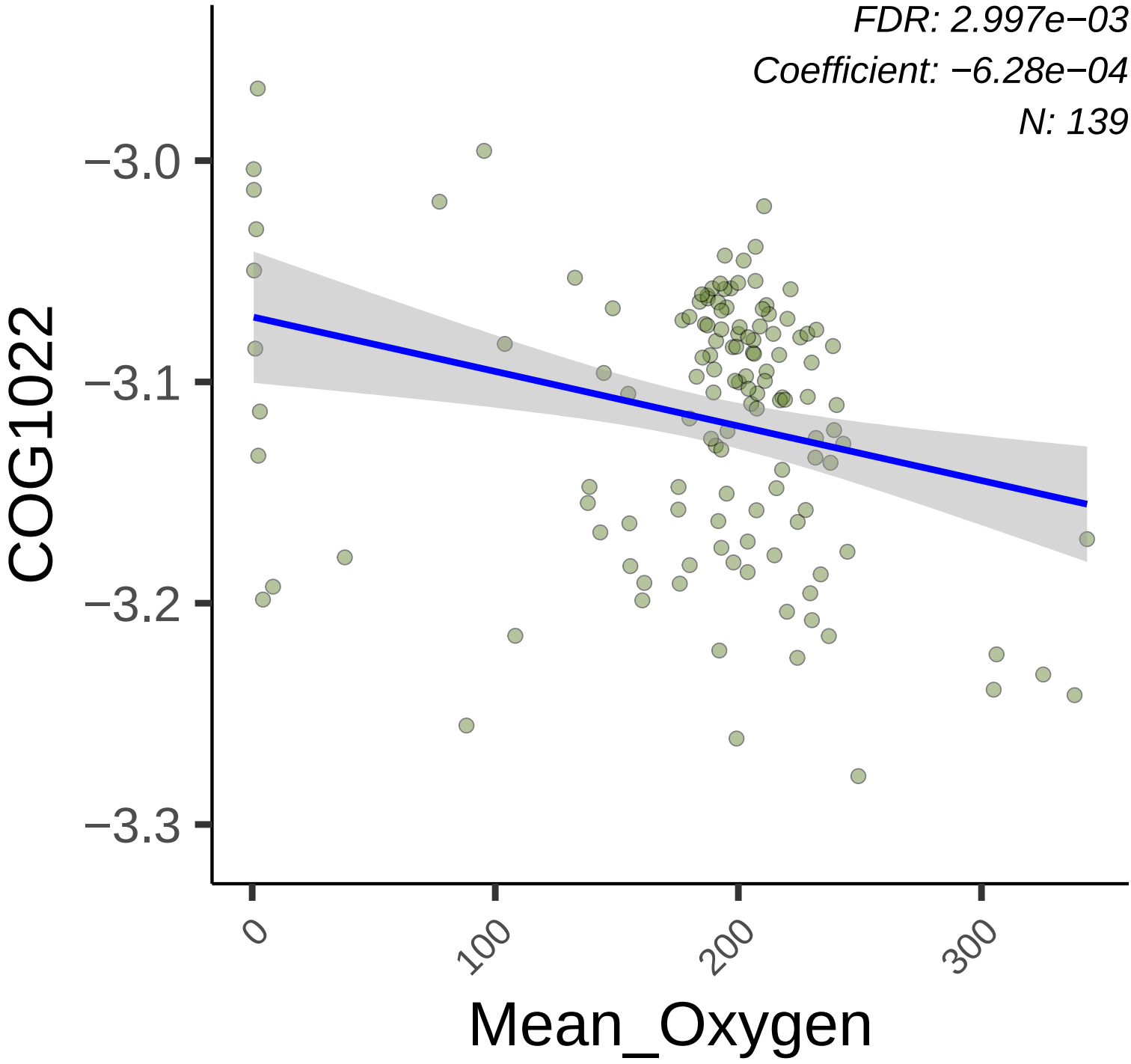
100
200
300
Mean_Oxygen


FDR: 2.897e−03
Coefficient: −8.92e−04
N: 139
−3.1
−3.2
−3.3
−3.4
−3.5
COG1007
0
100
200
300
Mean_Oxygen


FDR: 2.926e−03
Coefficient: −5.60e−03
N: 139
COG1918
−4.5
−5.0
−5.5
−6.0
0
100
200
300
Mean_Oxygen


FDR: 2.997e−03
Coefficient: −6.28e−04
N: 139
COG1022
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−3.1
−3.2
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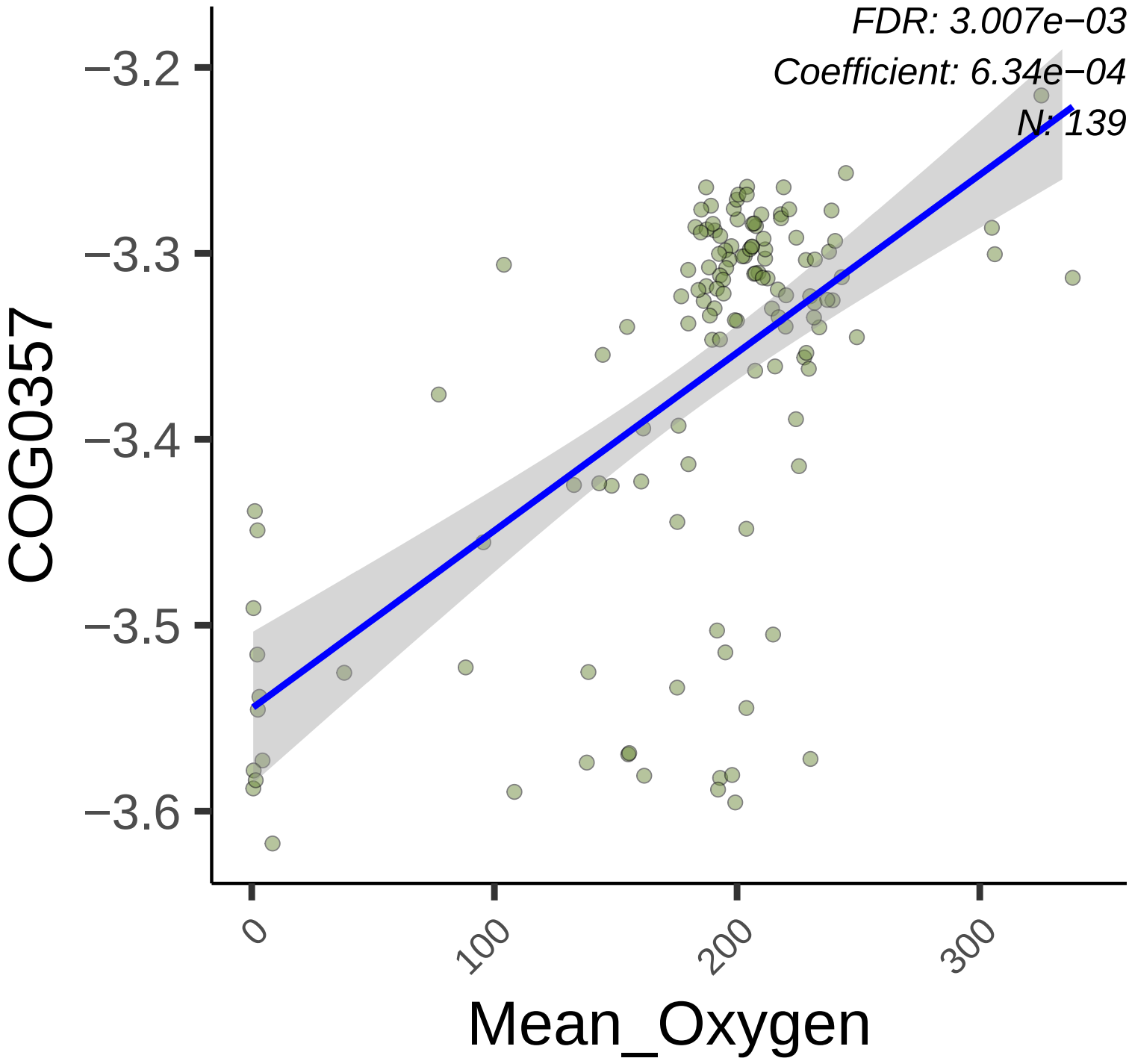
0
100
200
300
Mean_Oxygen


FDR: 3.007e−03
Coefficient: 6.34e−04
N: 139
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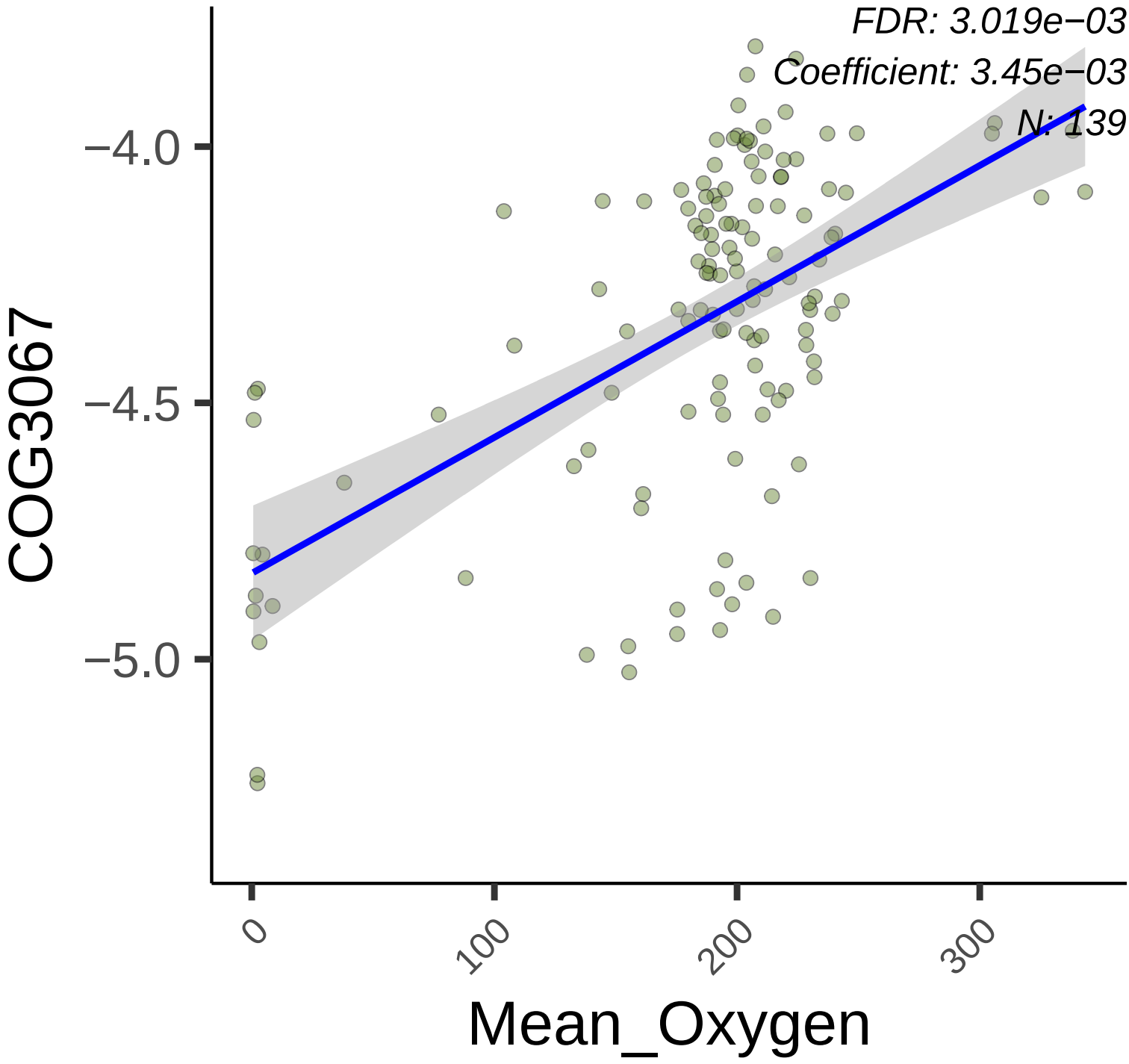
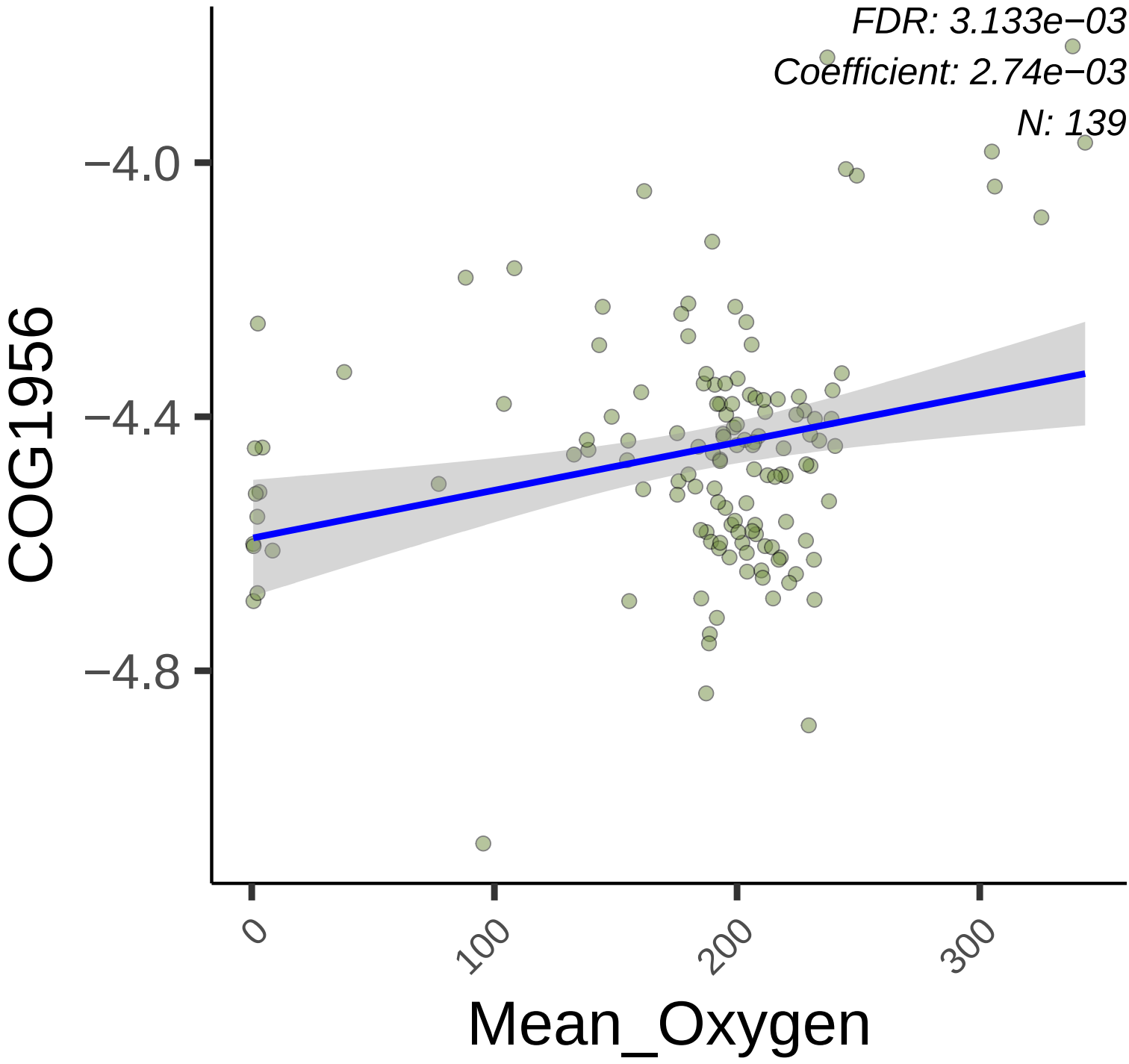
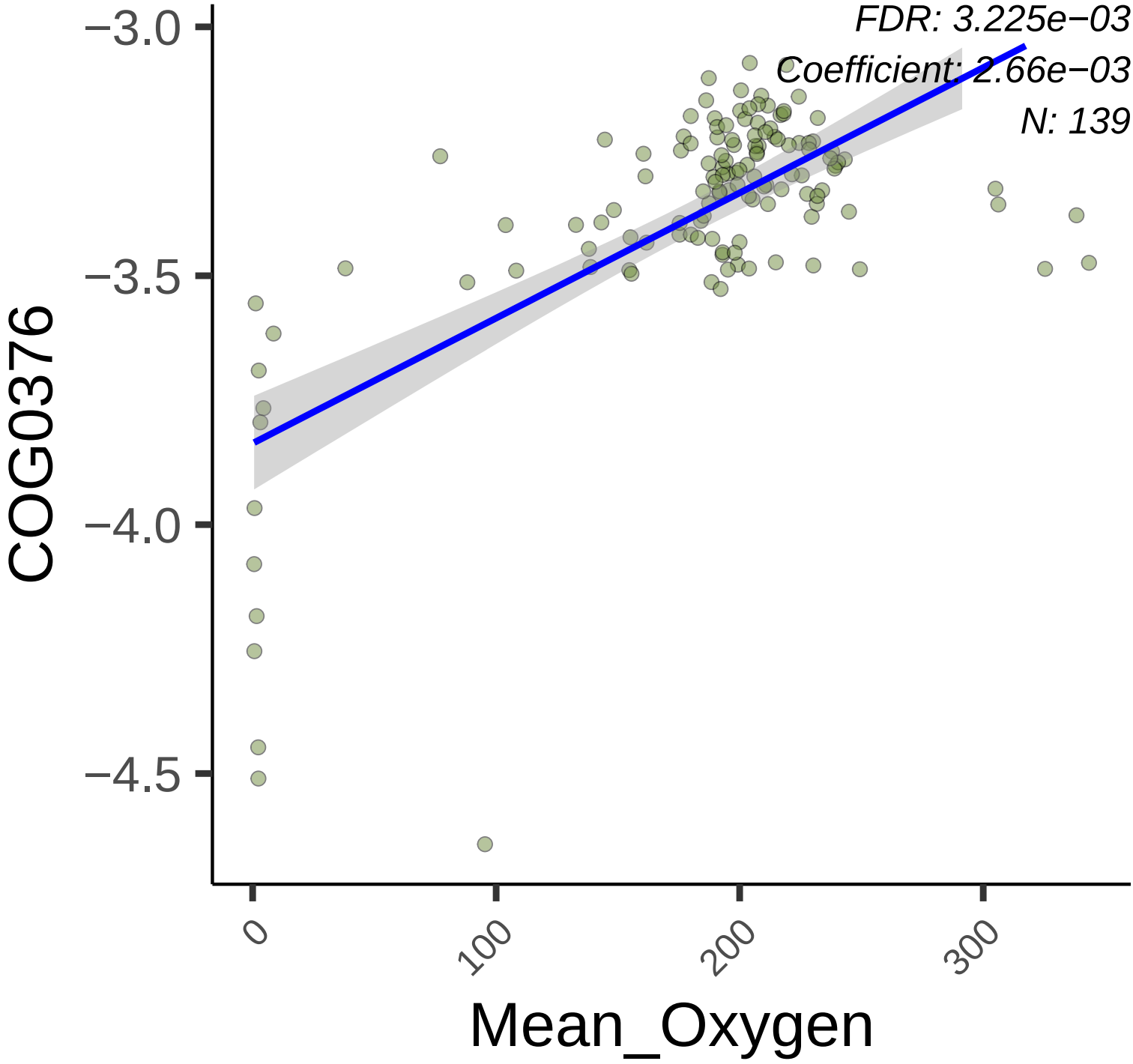
−3.3
−3.4
−3.5
−3.6
COG0357
0
100
200
300
Mean_Oxygen


FDR: 3.019e−03
Coefficient: 3.45e−03
N: 139
−4.0
−4.5
−5.0
COG3067
0
100
200
300
Mean_Oxygen


FDR: 3.133e−03
Coefficient: 2.74e−03
N: 139
−4.0
−4.4
−4.8
COG1956
0
100
200
300
Mean_Oxygen


FDR: 3.225e−03
Coefficient: 2.66e−03
N: 139
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−3.5
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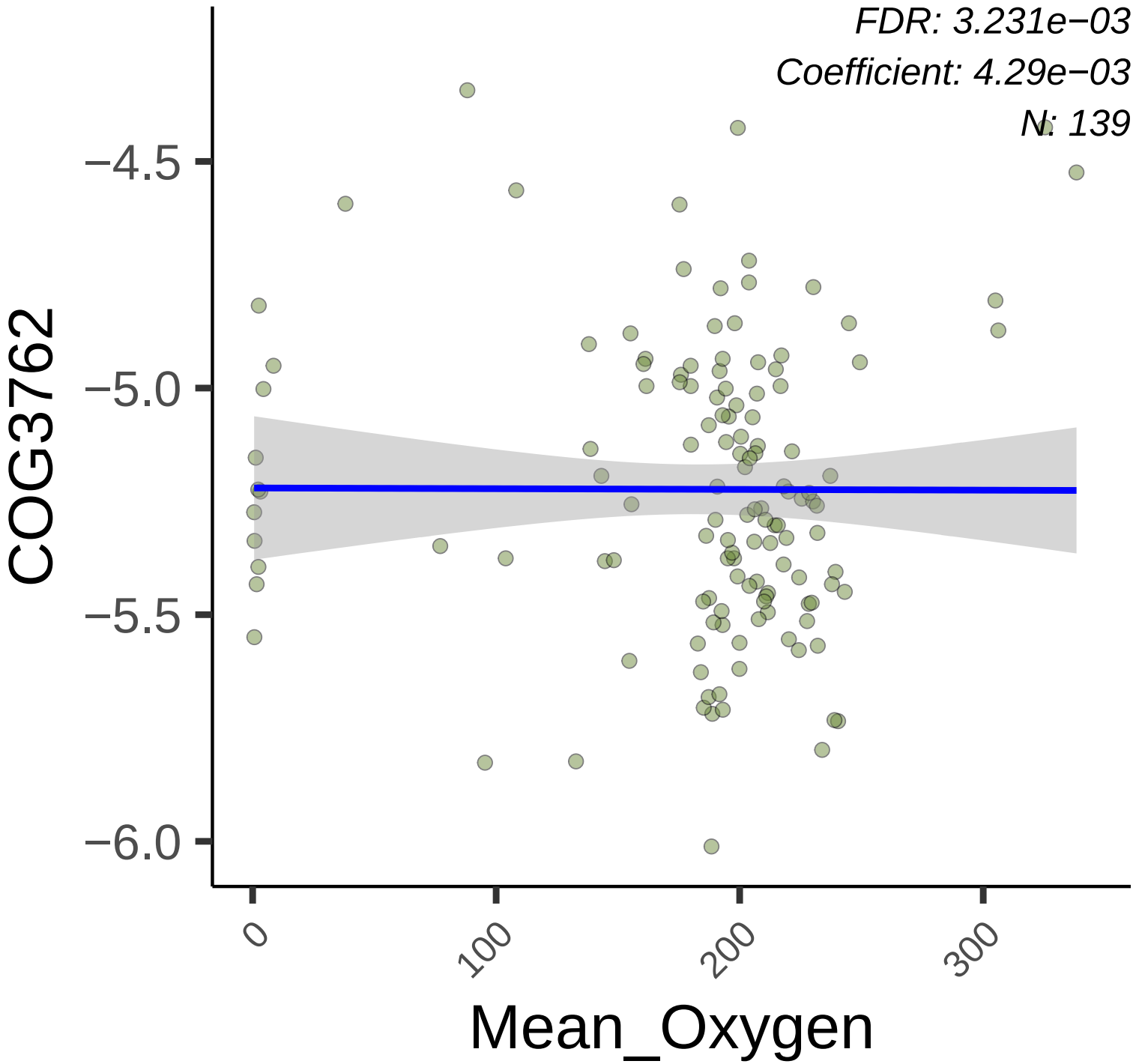
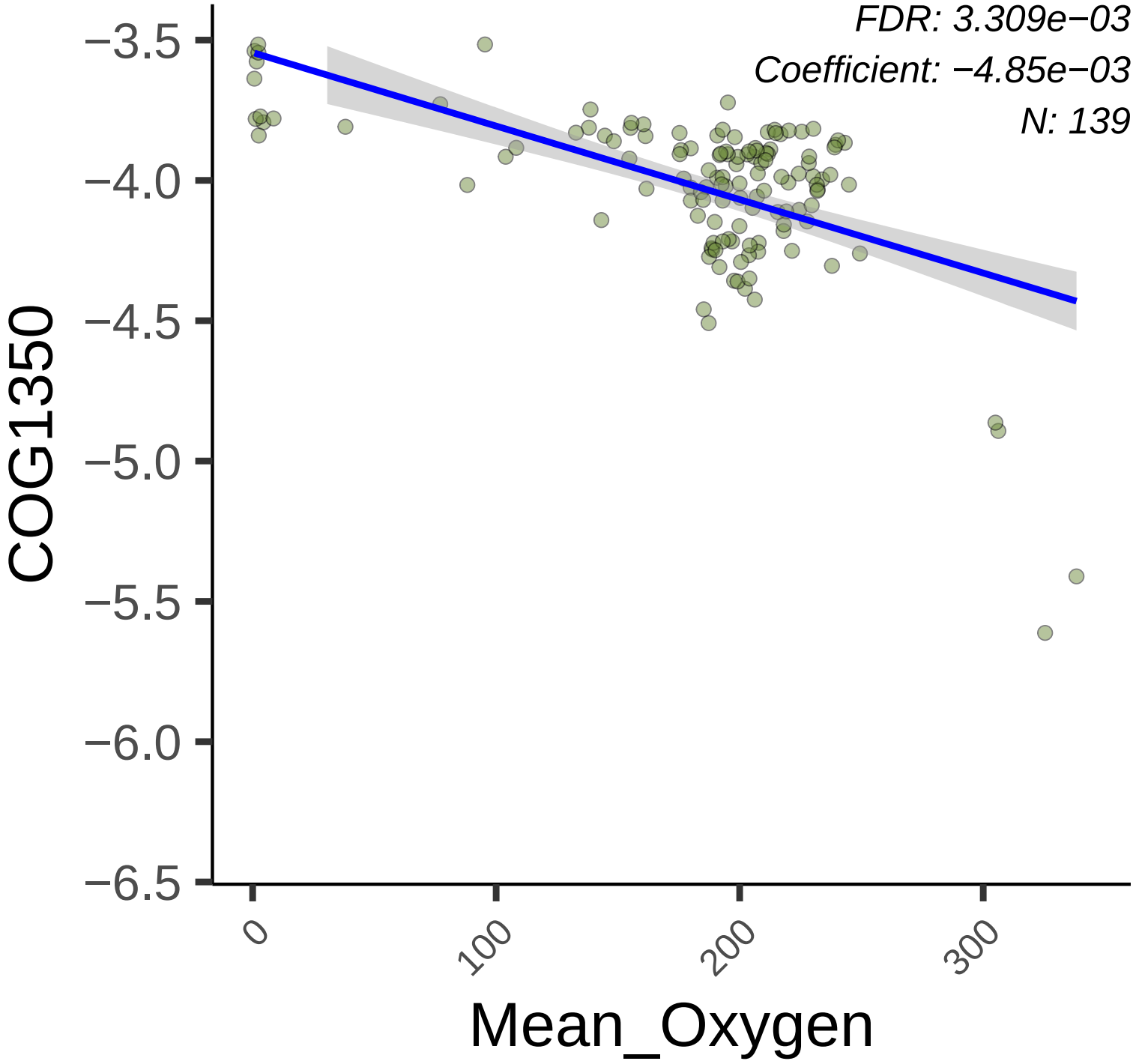
−4.5
COG0376
0
100
200
300
Mean_Oxygen


FDR: 3.231e−03
Coefficient: 4.29e−03
N: 139
COG3762
−4.5
−5.0
−5.5
−6.0
0
100
200
300
Mean_Oxygen


FDR: 3.309e−03
Coefficient: −4.85e−03
N: 139
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COG1350
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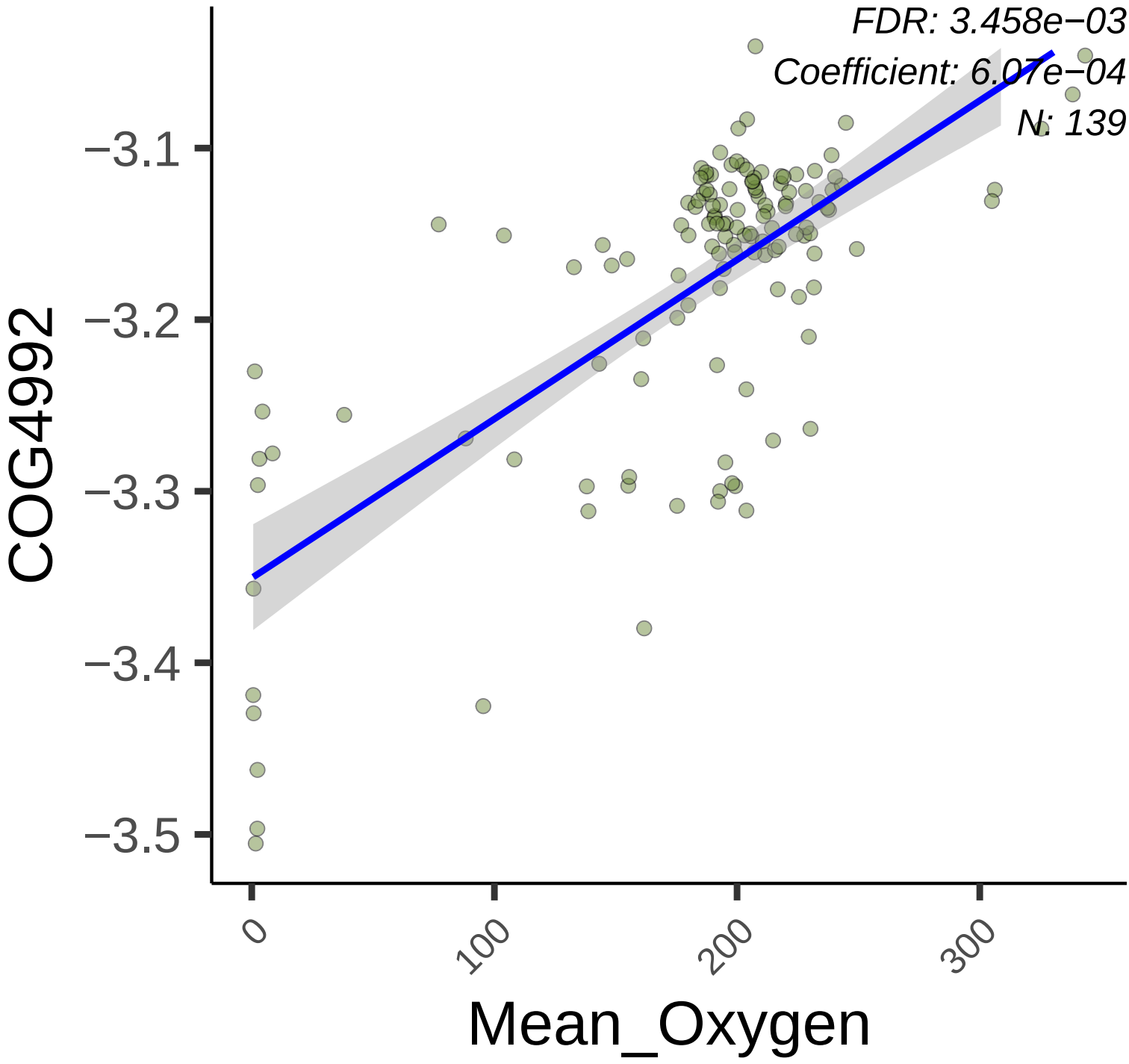
Mean_Oxygen


FDR: 3.458e−03
Coefficient: 6.07e−04
N: 139
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COG4992
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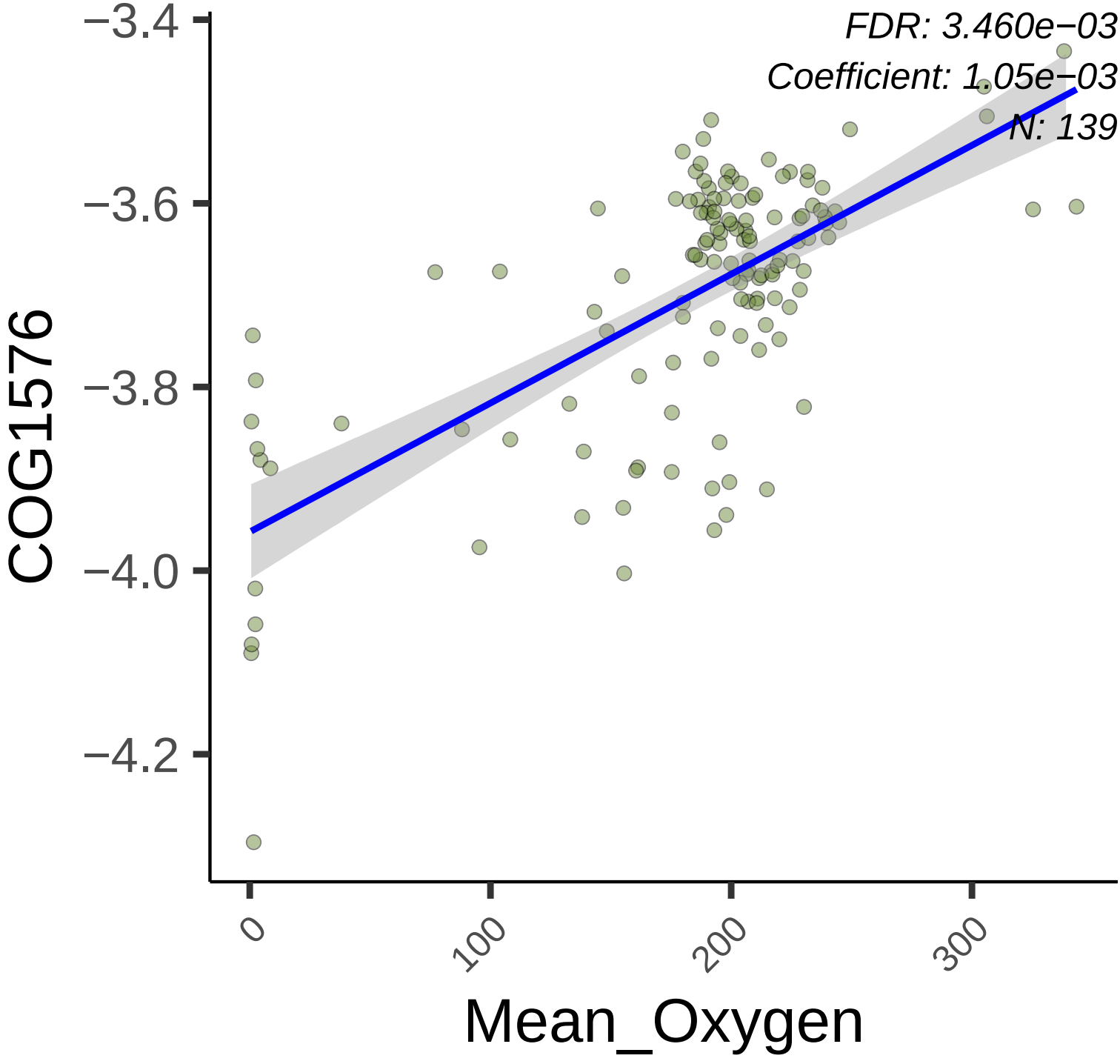
Mean_Oxygen


FDR: 3.460e−03
Coefficient: 1.05e−03
N: 139
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COG1576
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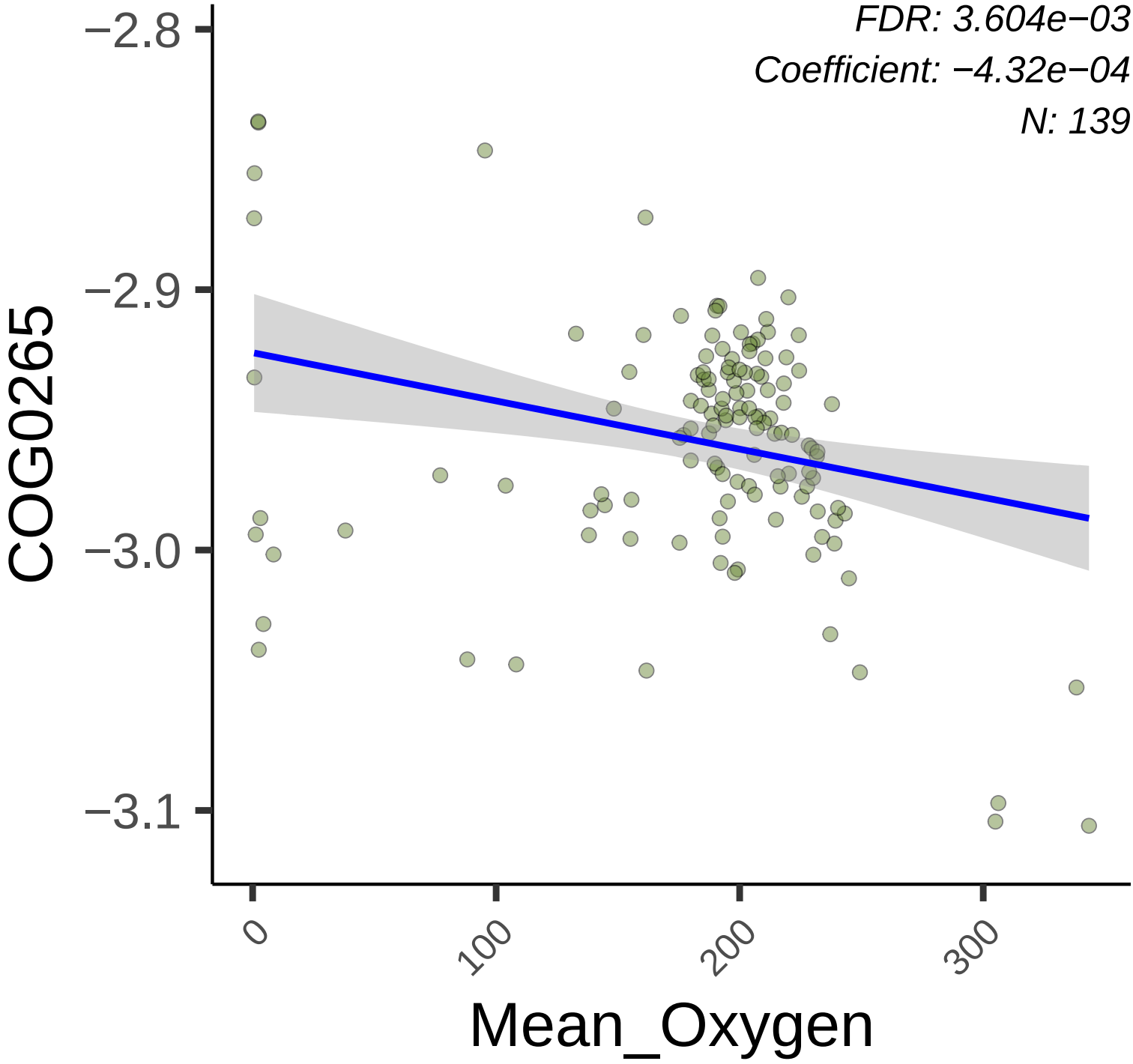
Mean_Oxygen


FDR: 3.604e−03
Coefficient: −4.32e−04
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COG0265
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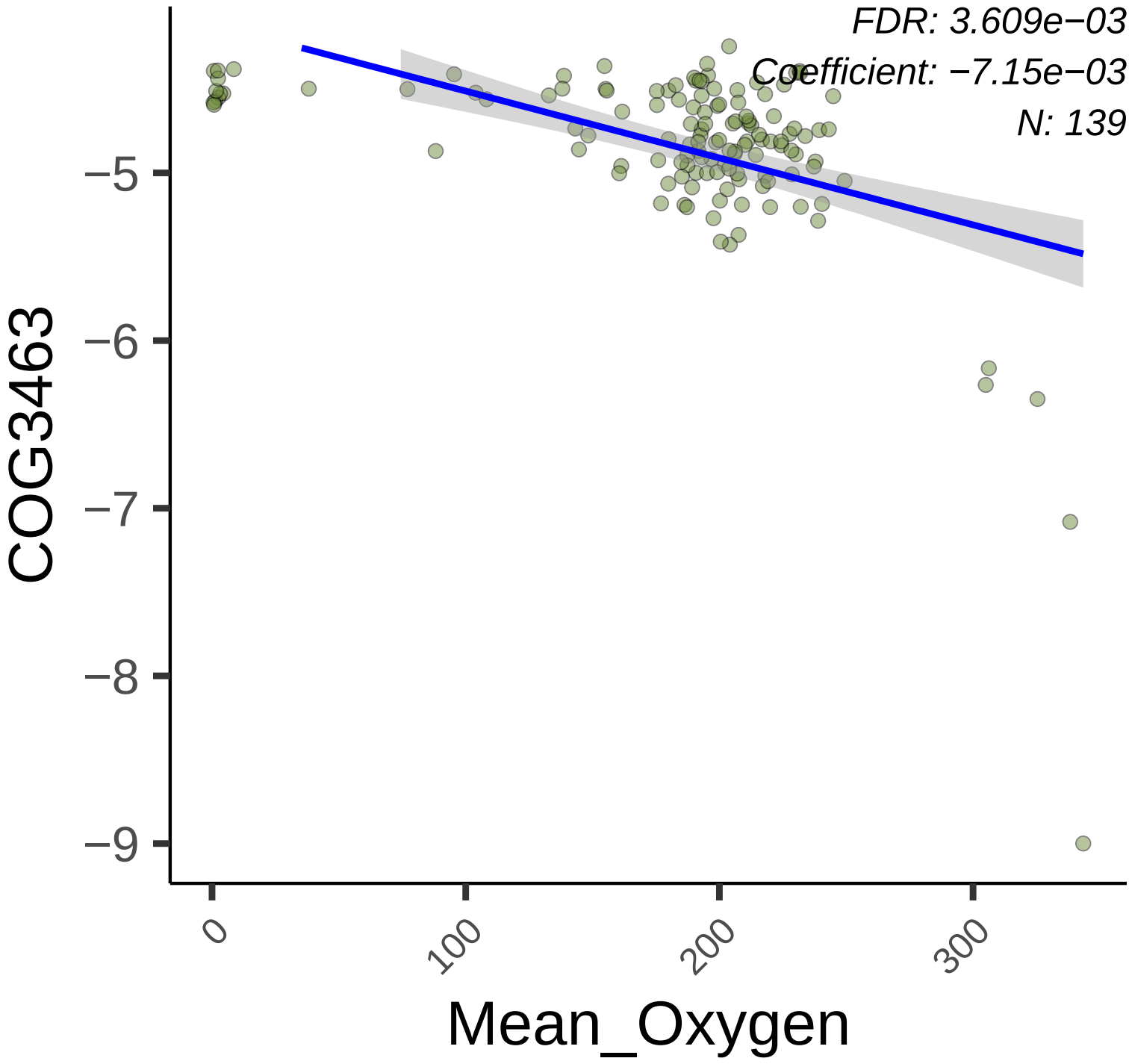
Mean_Oxygen


FDR: 3.609e−03
Coefficient: −7.15e−03
N: 139
COG3463
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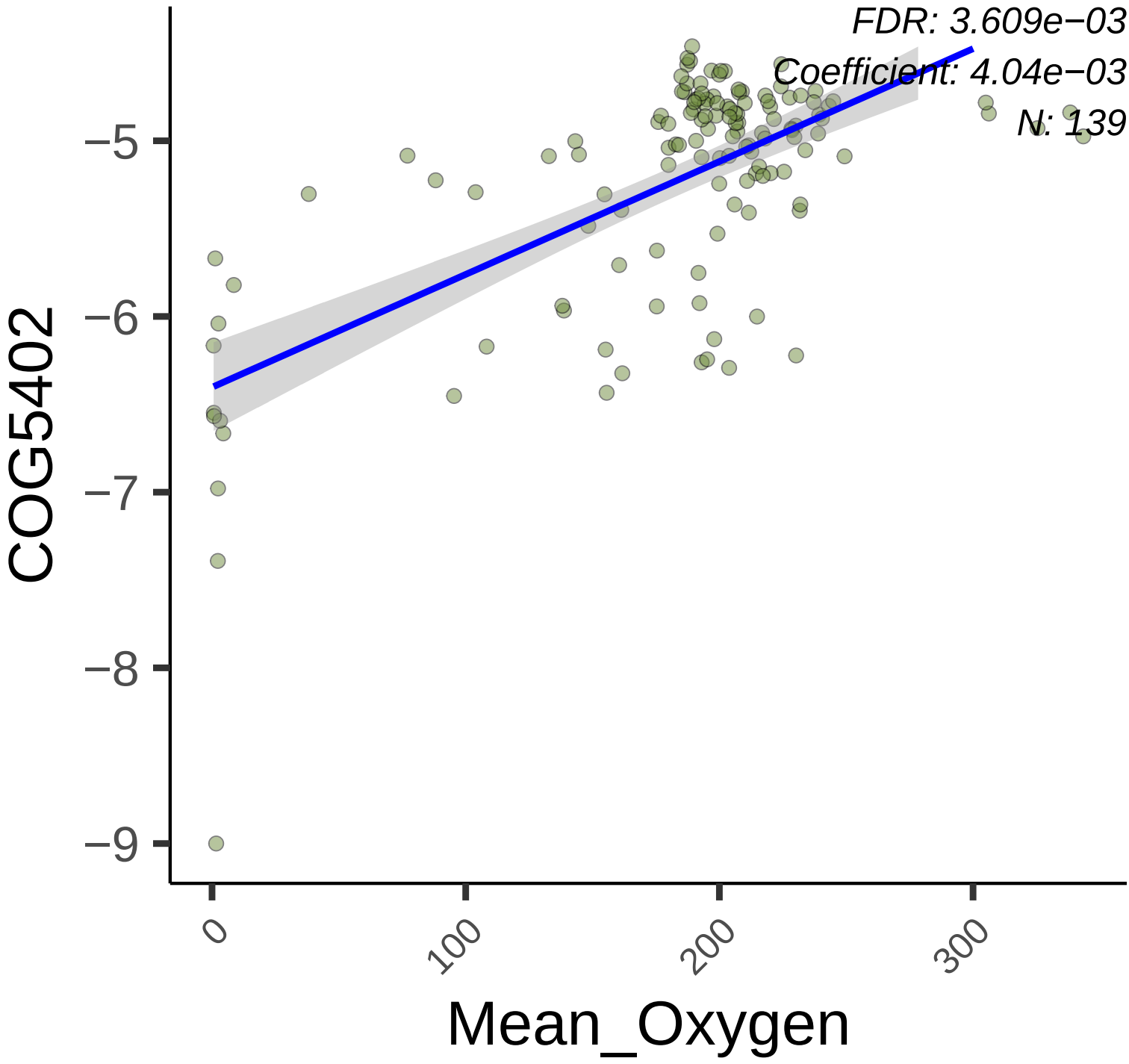
Mean_Oxygen


FDR: 3.609e−03
Coefficient: 4.04e−03
N: 139
COG5402
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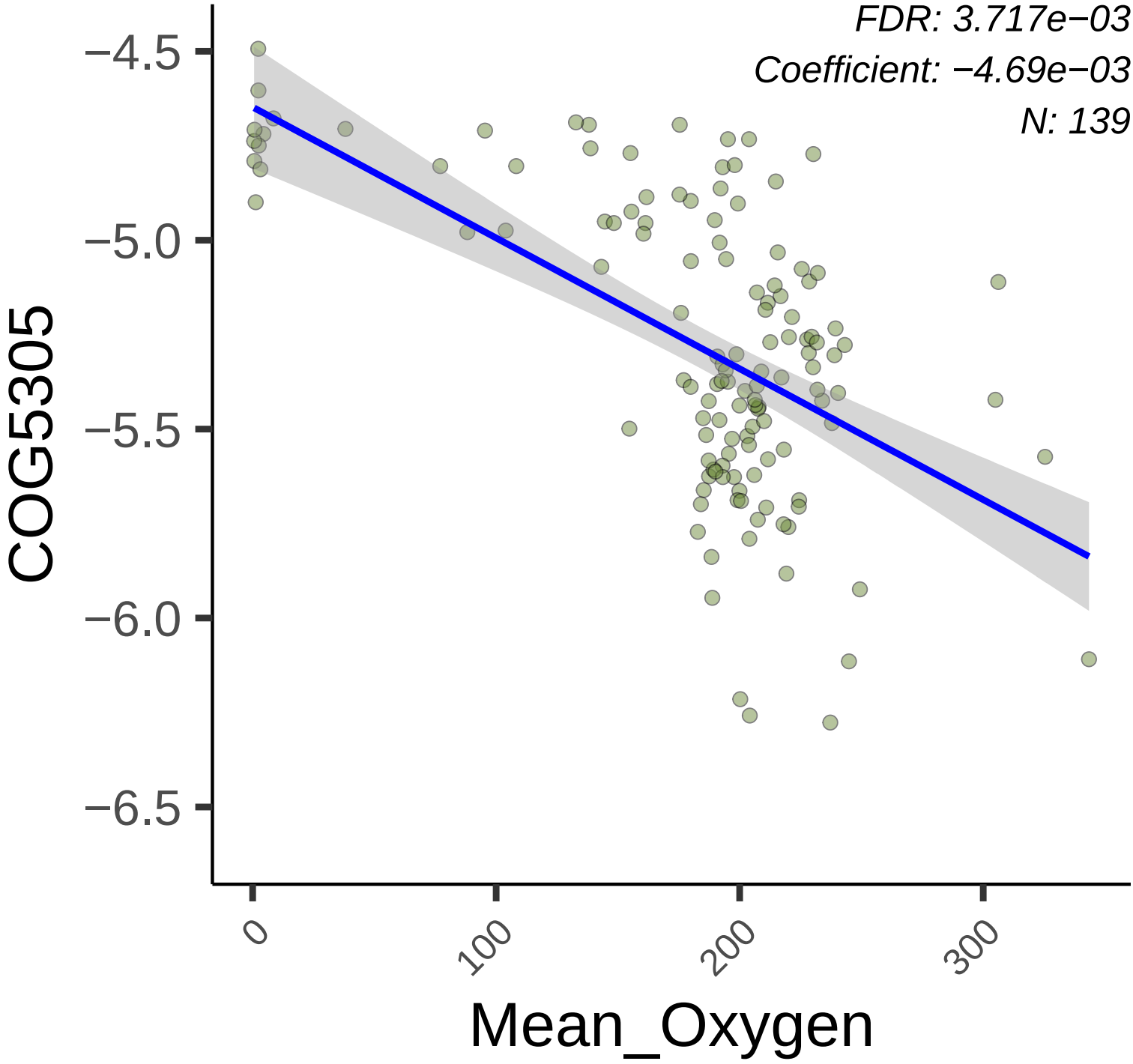
Mean_Oxygen


FDR: 3.717e−03
Coefficient: −4.69e−03
N: 139
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−5.0
−5.5
−6.0
−6.5
COG5305
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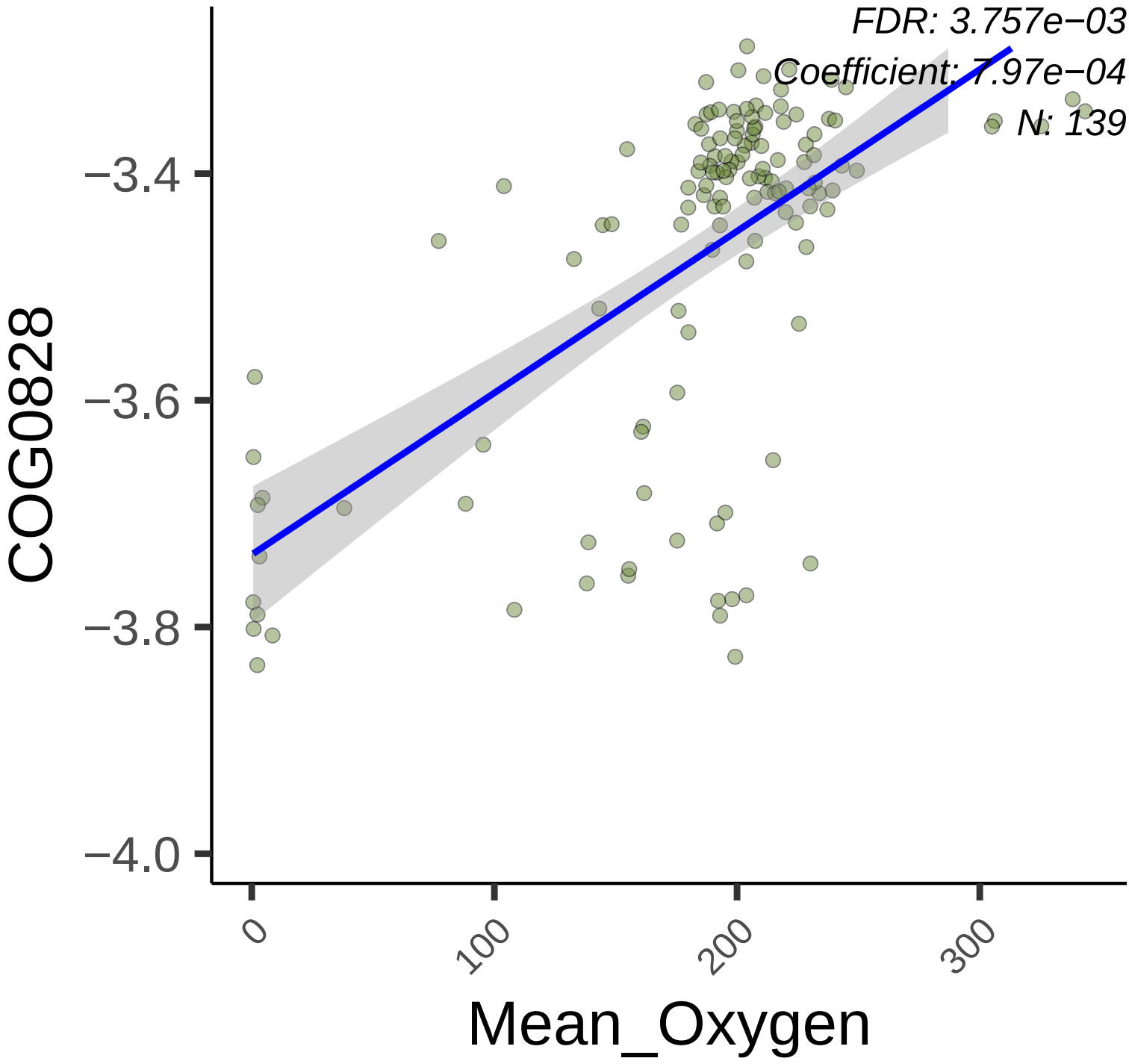
200
300
Mean_Oxygen


FDR: 3.757e−03
Coefficient: 7.97e−04
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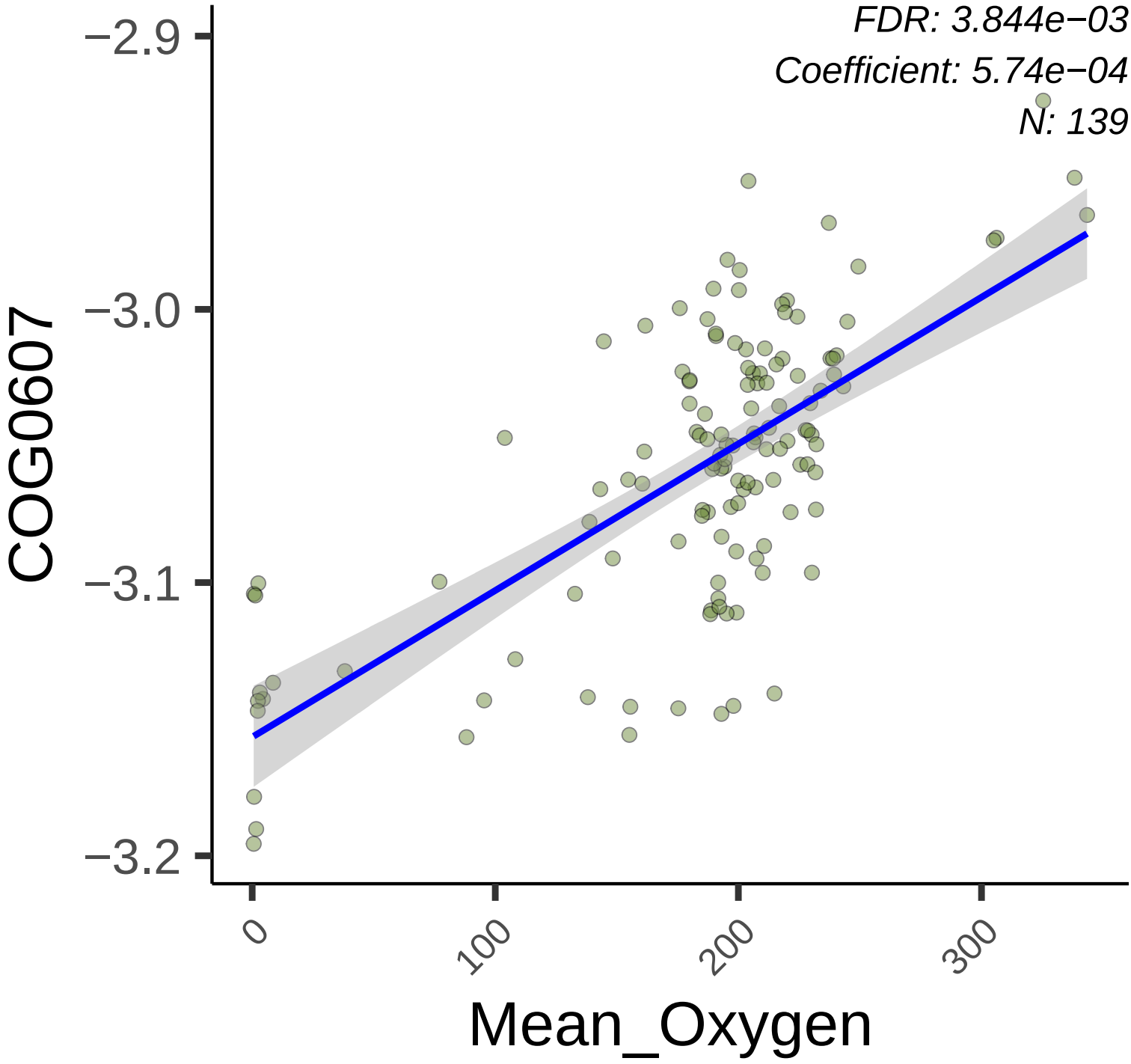
Mean_Oxygen


FDR: 3.844e−03
Coefficient: 5.74e−04
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COG0607
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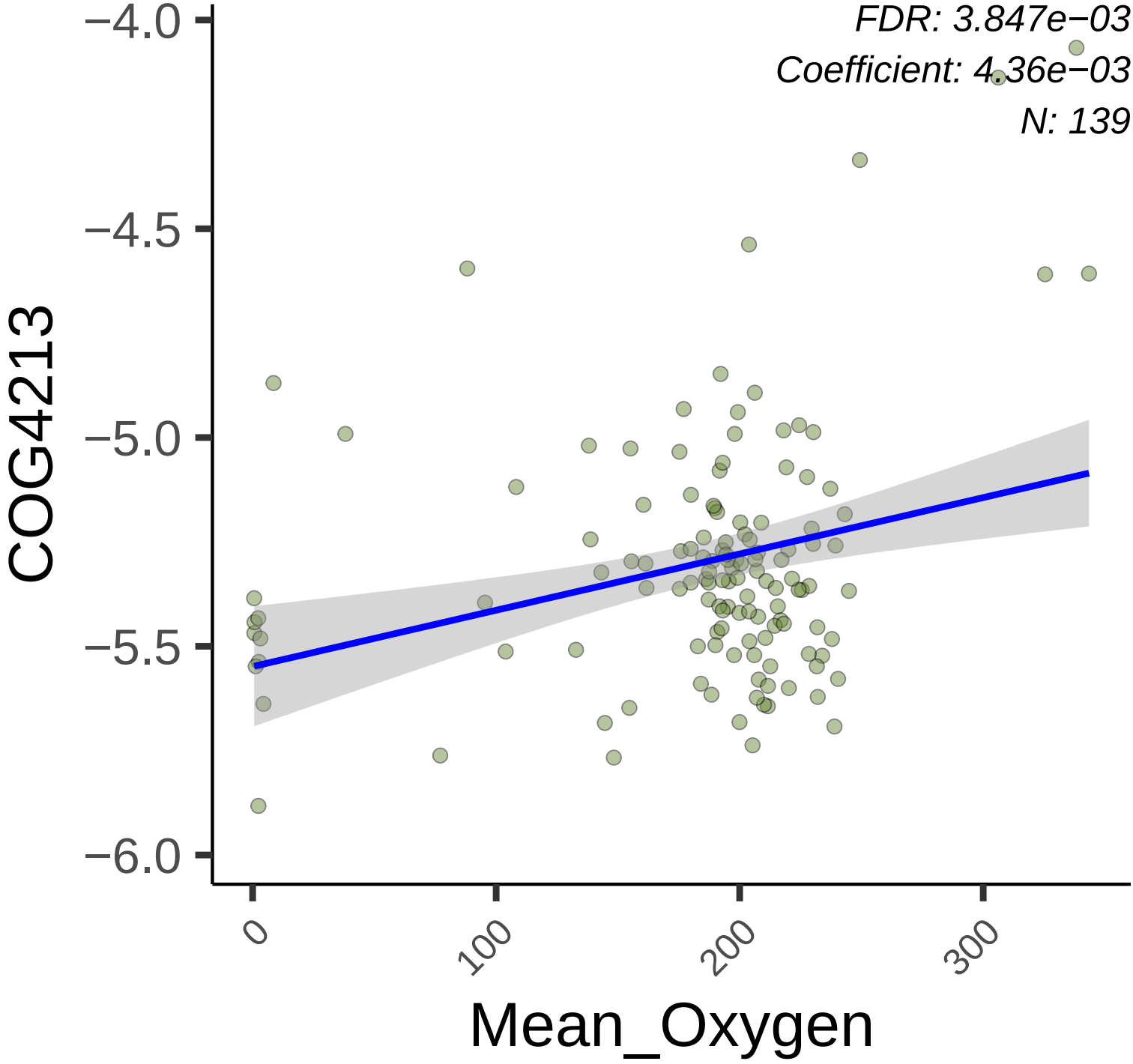
Mean_Oxygen


FDR: 3.847e−03
Coefficient: 4.36e−03
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−6.0
COG4213
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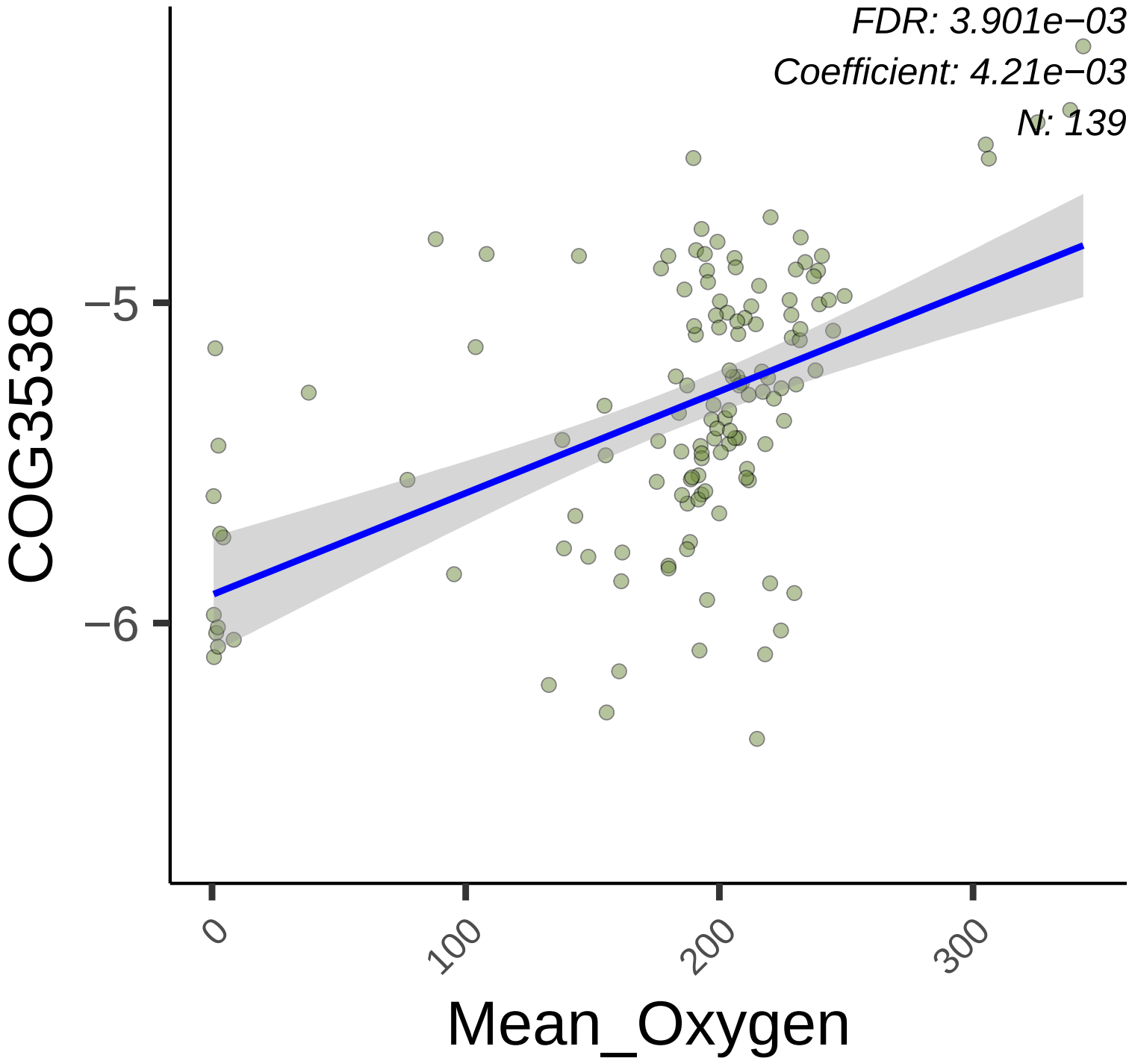
200
300
Mean_Oxygen


FDR: 3.901e−03
Coefficient: 4.21e−03
N: 139
COG3538
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−6
0
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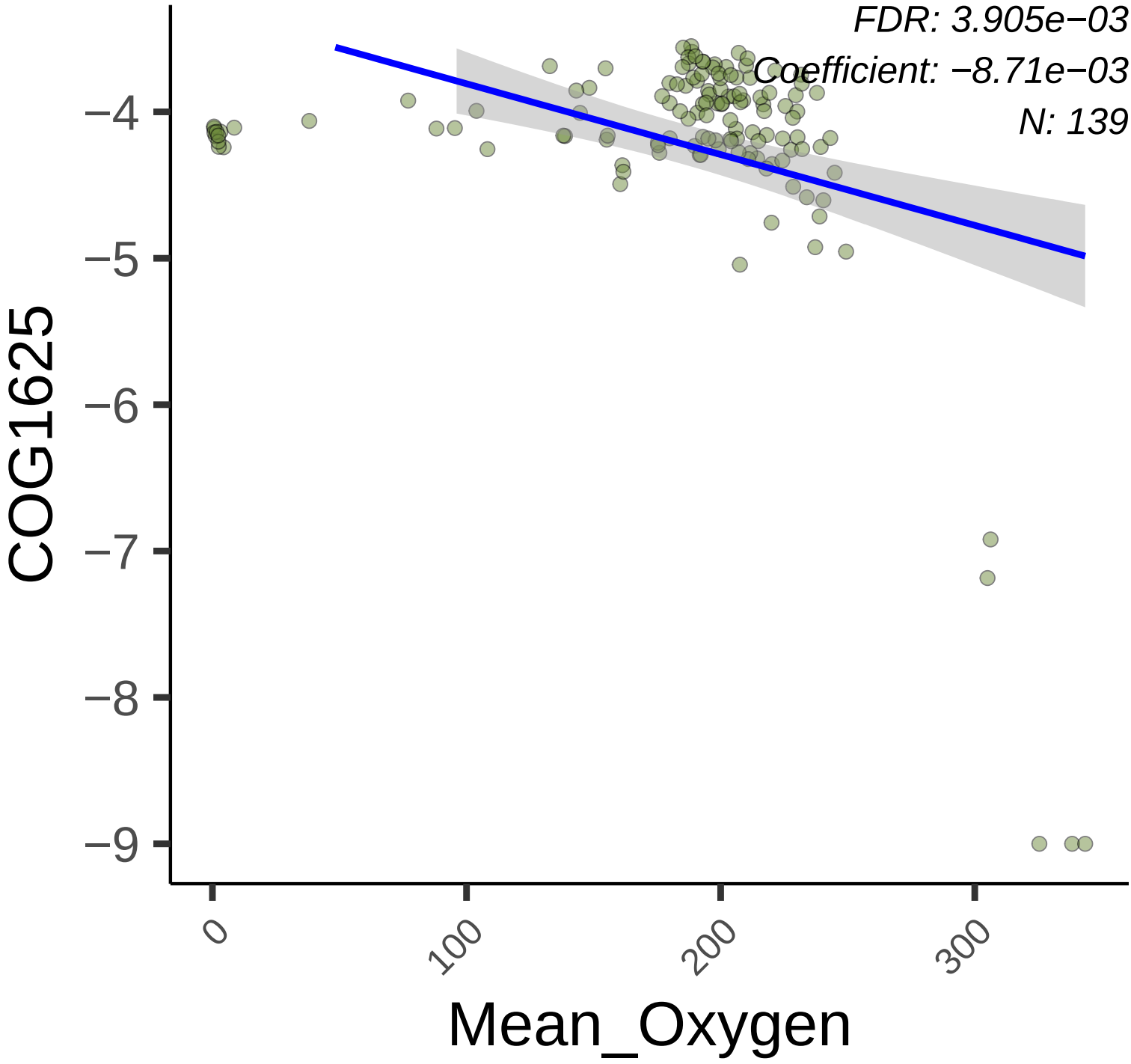
200
300
Mean_Oxygen


FDR: 3.905e−03
Coefficient: −8.71e−03
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COG1625
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−5
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−7
−8
−9
0
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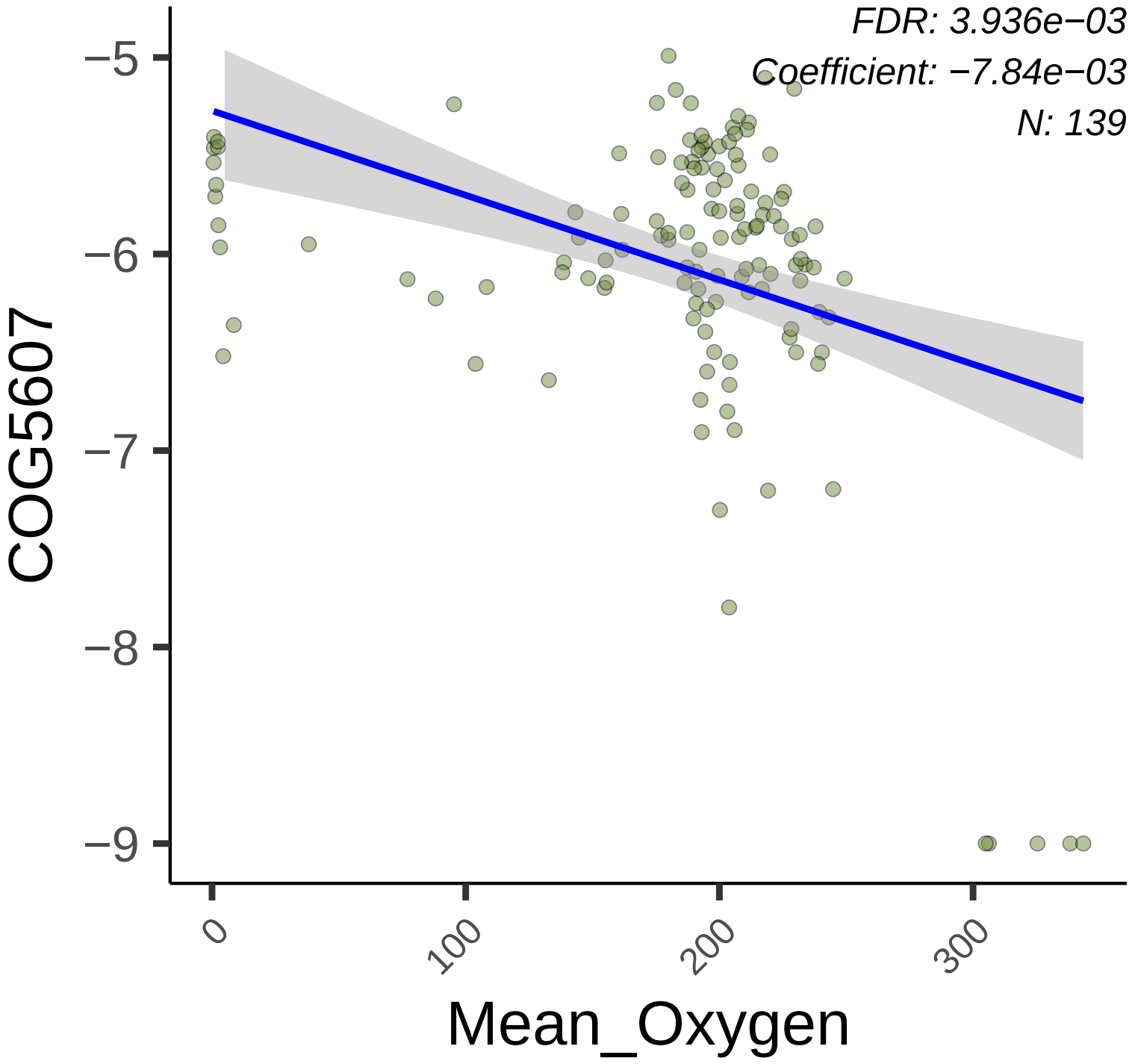
200
300
Mean_Oxygen


FDR: 3.936e−03
Coefficient: −7.84e−03
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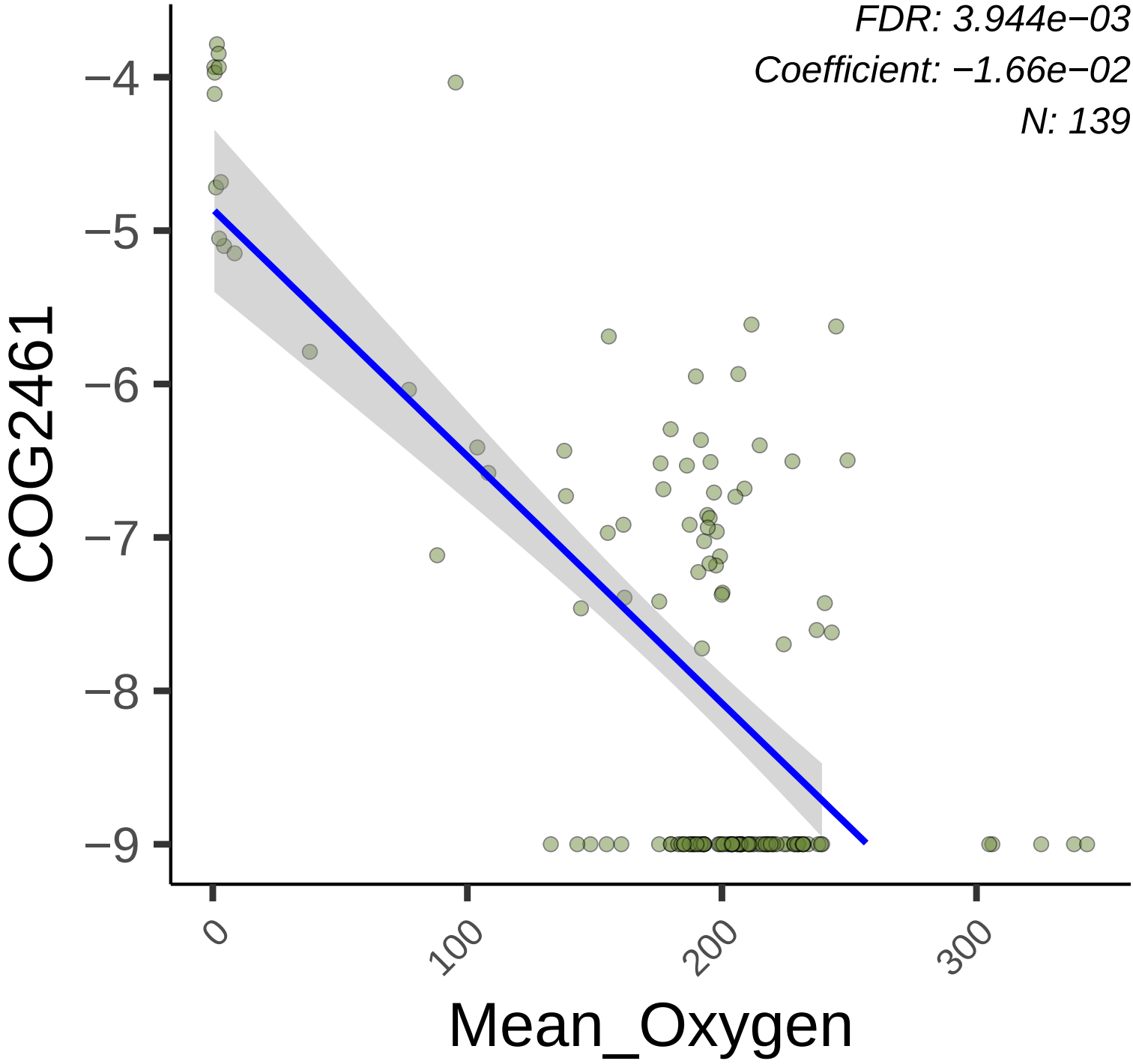
Mean_Oxygen


FDR: 3.944e−03
Coefficient: −1.66e−02
N: 139
COG2461
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−6
−7
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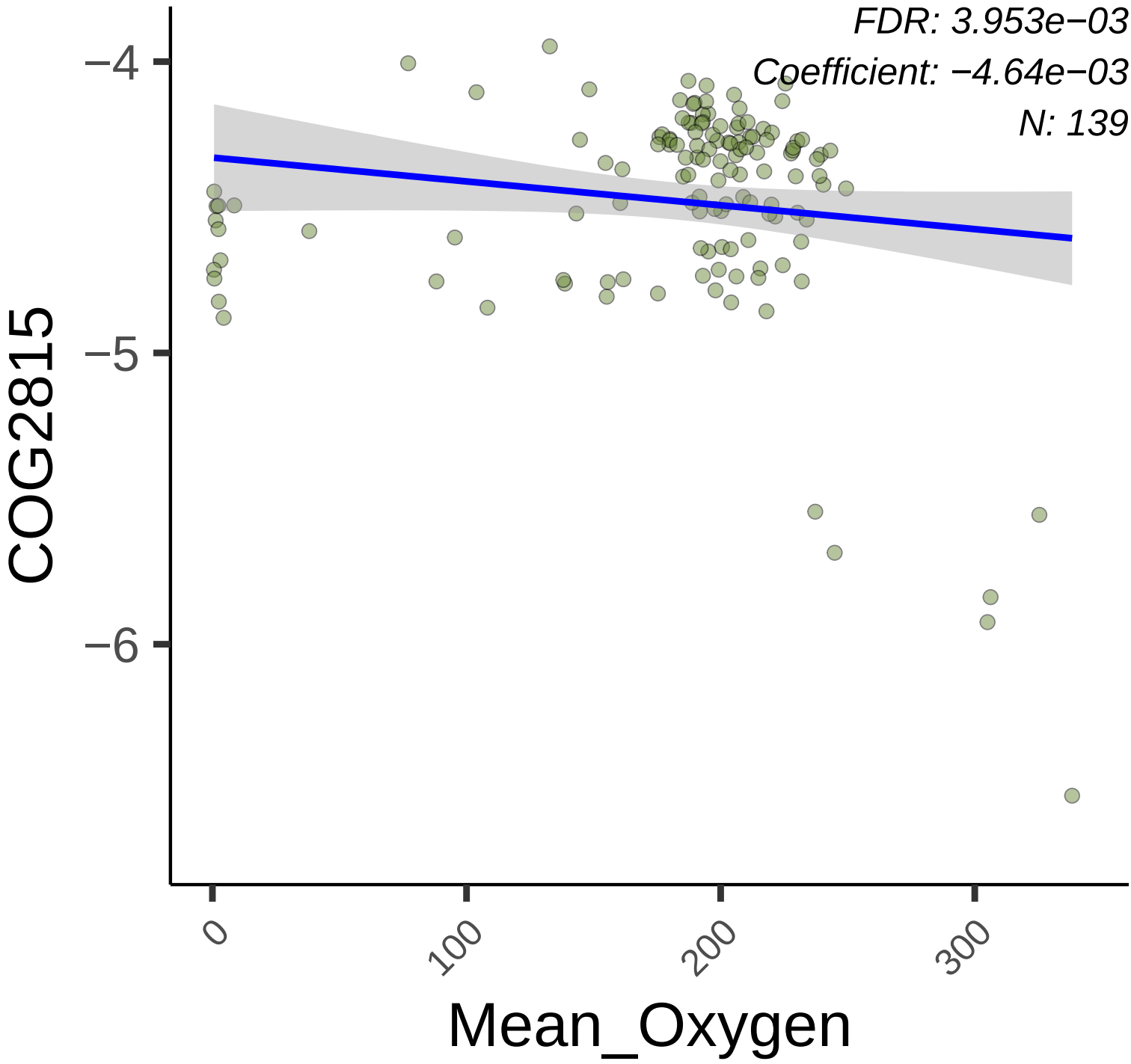
−9
0
100
200
300
Mean_Oxygen


FDR: 3.953e−03
Coefficient: −4.64e−03
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COG2815
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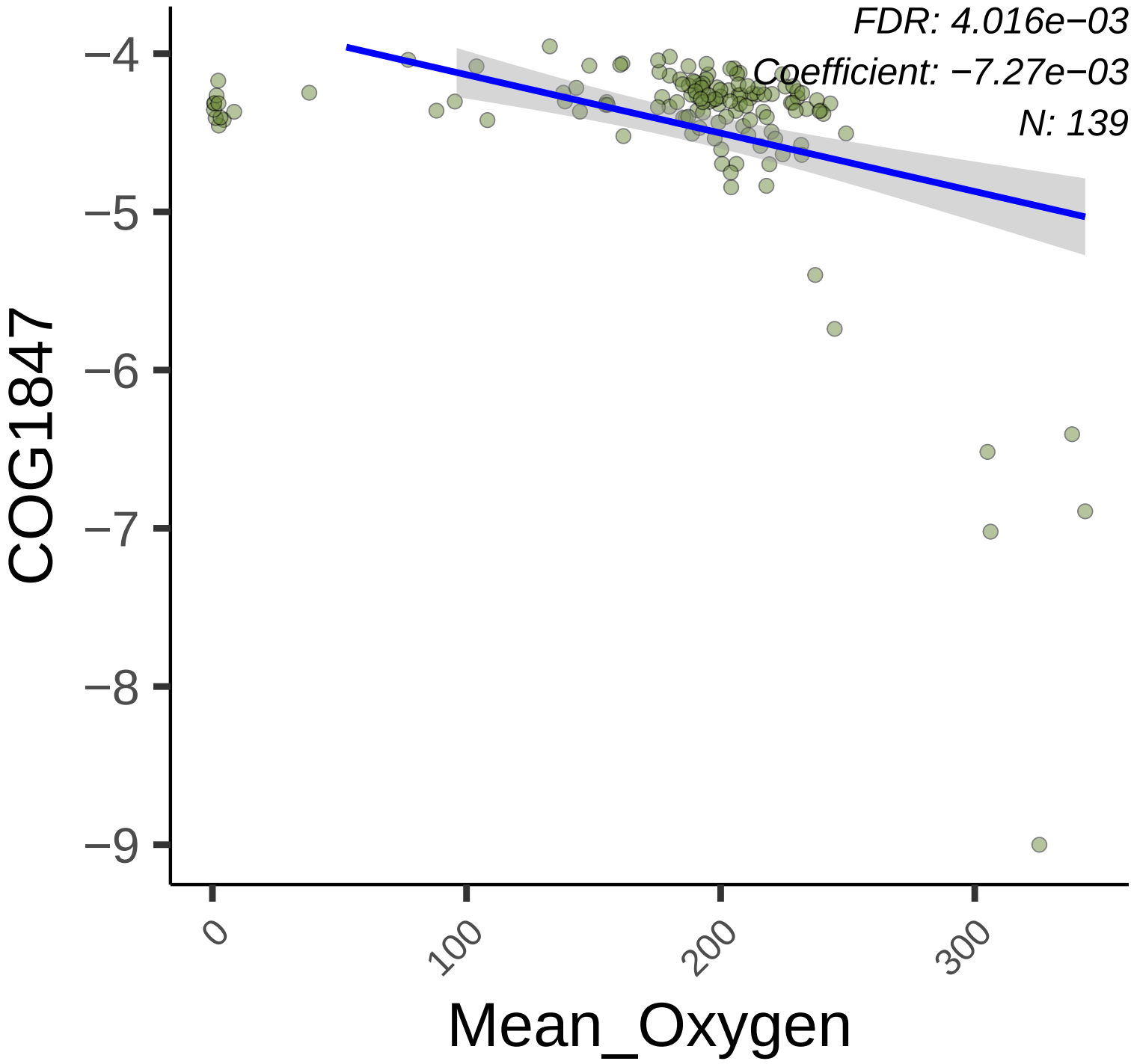
Mean_Oxygen


FDR: 4.016e−03
Coefficient: −7.27e−03
N: 139
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COG1847
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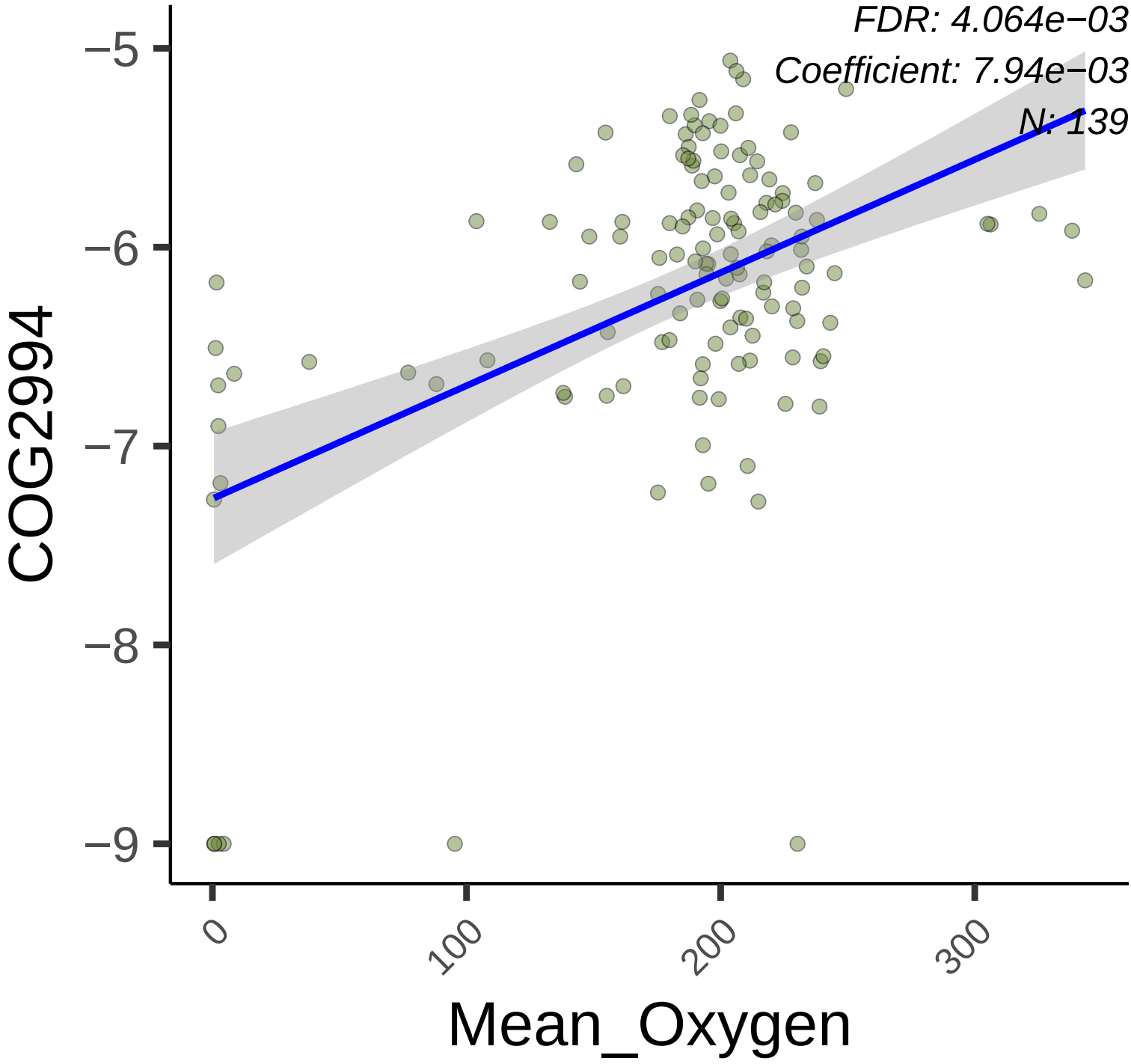
200
300
Mean_Oxygen


FDR: 4.064e−03
Coefficient: 7.94e−03
N: 139
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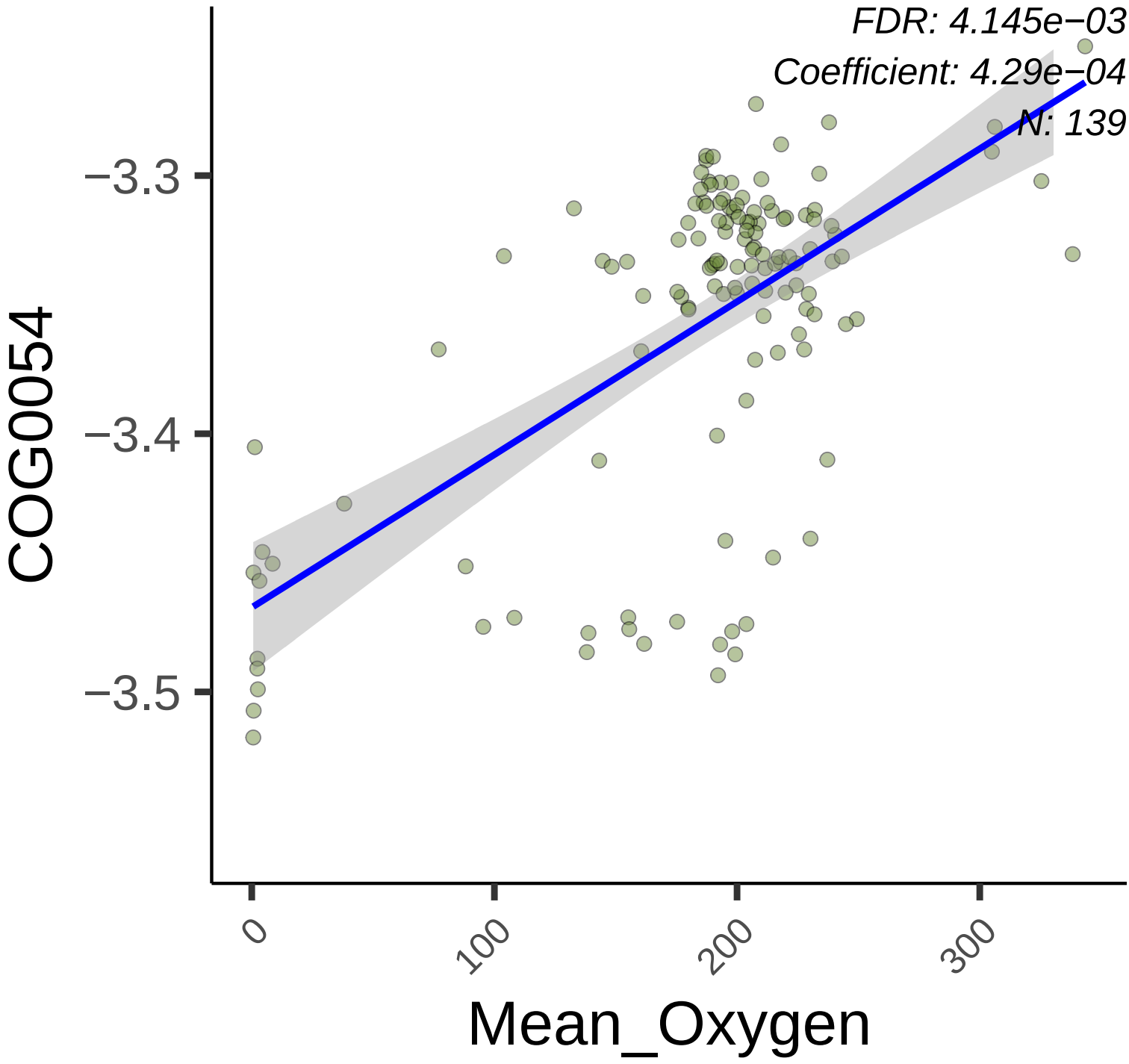
Mean_Oxygen


FDR: 4.145e−03
Coefficient: 4.29e−04
N: 139
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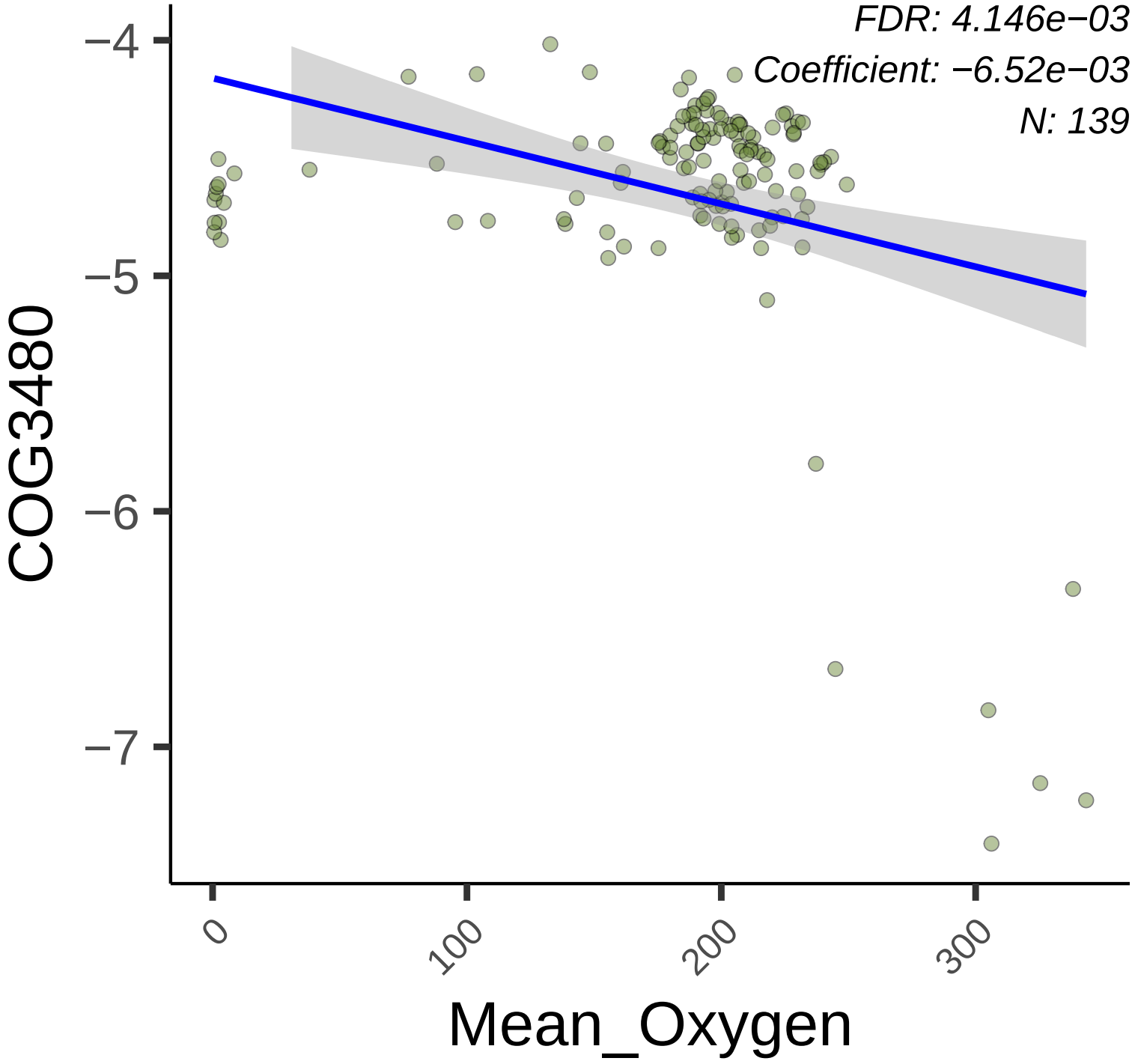
300
Mean_Oxygen


FDR: 4.146e−03
Coefficient: −6.52e−03
N: 139
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COG3480
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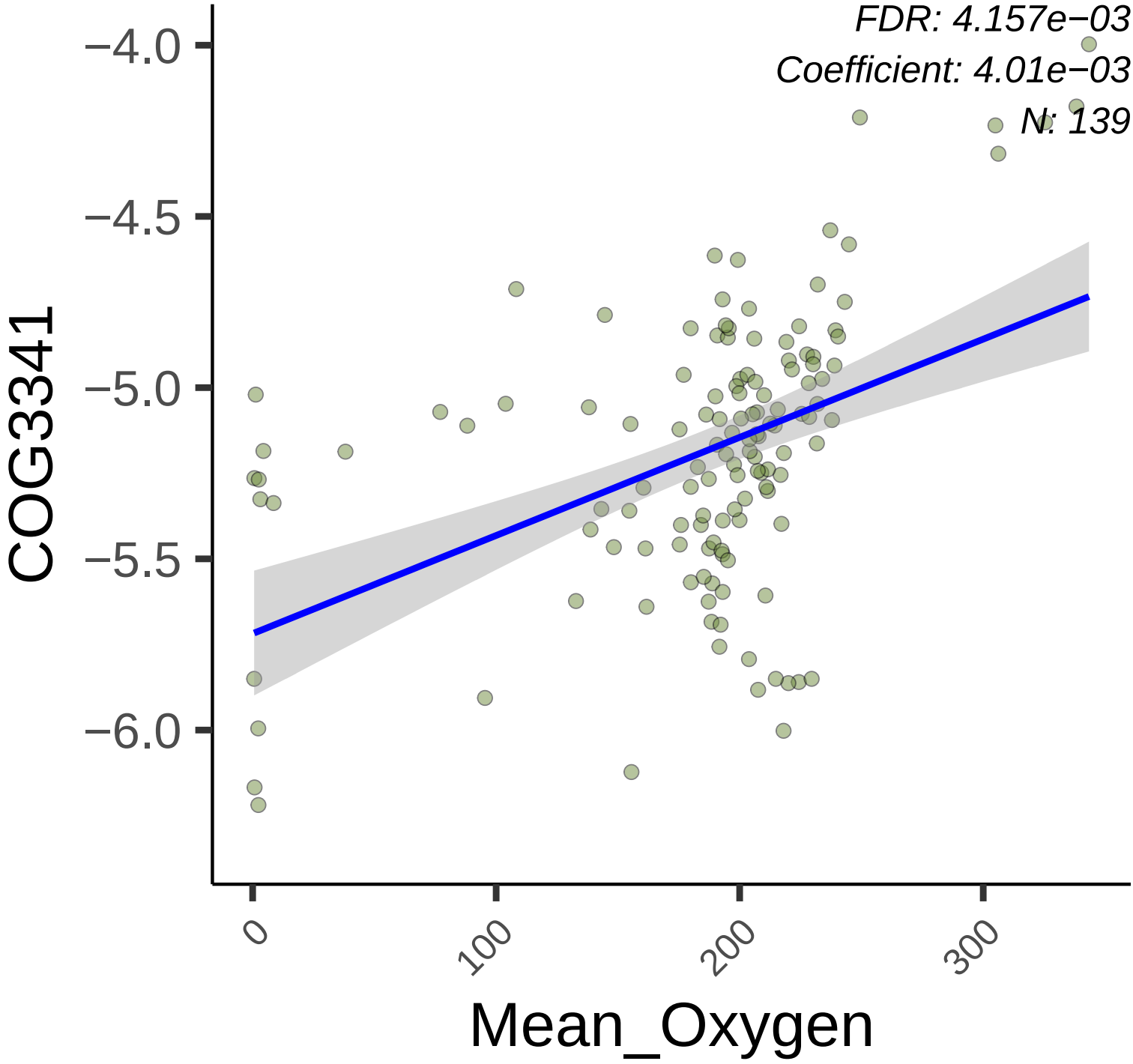
200
300
Mean_Oxygen


FDR: 4.157e−03
Coefficient: 4.01e−03
N: 139
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COG3341
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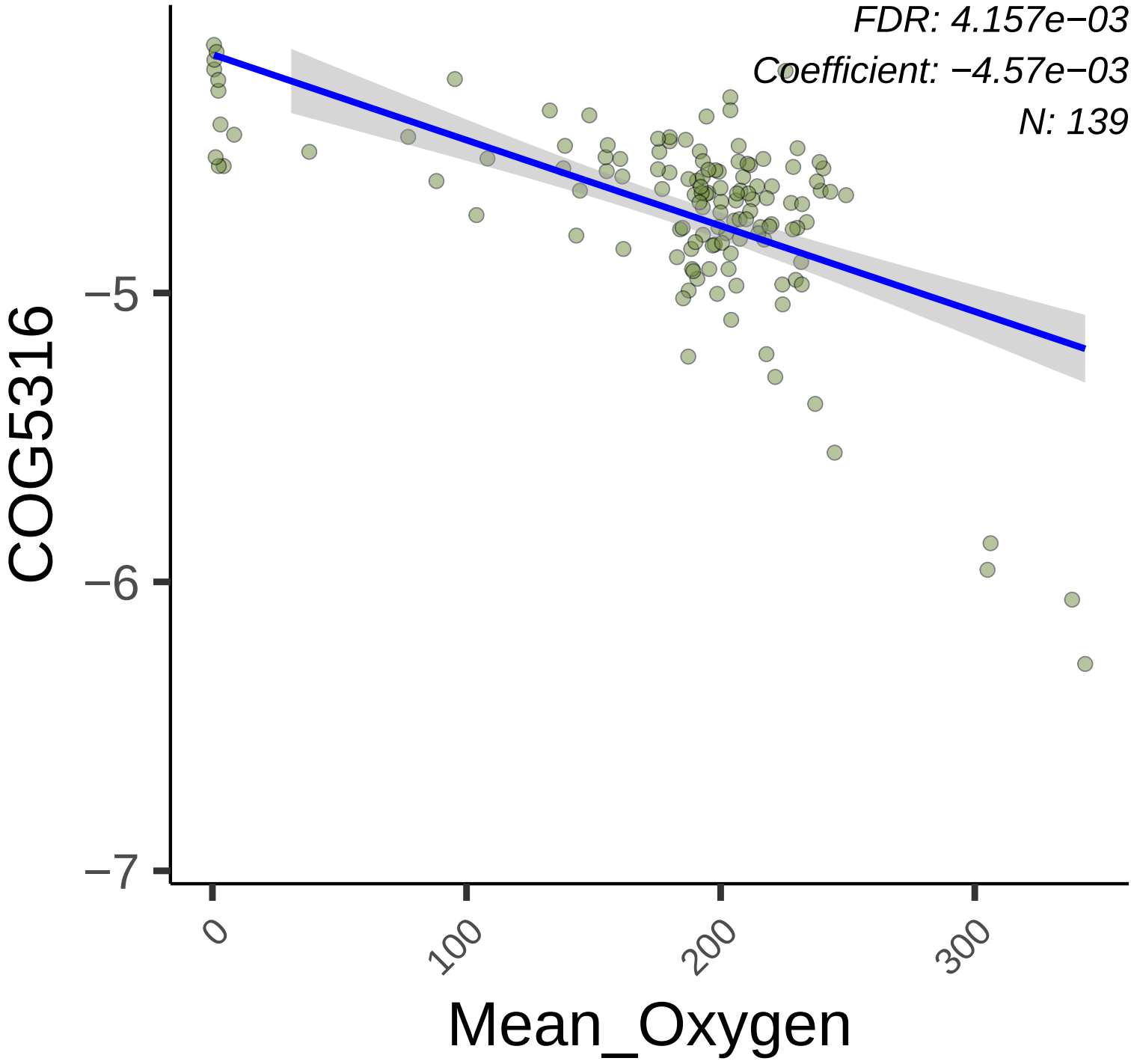
100
200
300
Mean_Oxygen


FDR: 4.157e−03
Coefficient: −4.57e−03
N: 139
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−6
−7
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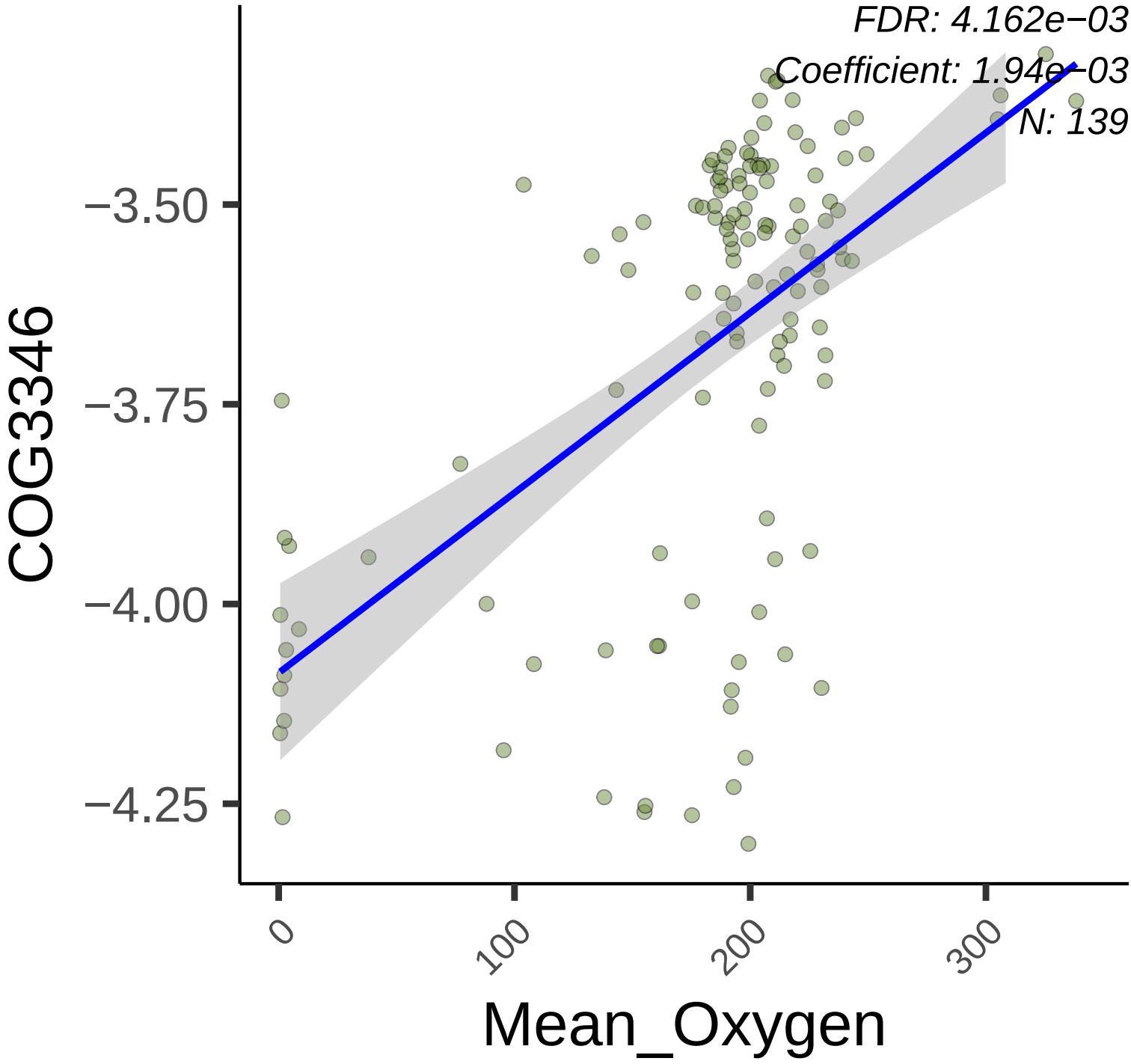
200
300
Mean_Oxygen


FDR: 4.162e−03
Coefficient: 1.94e−03
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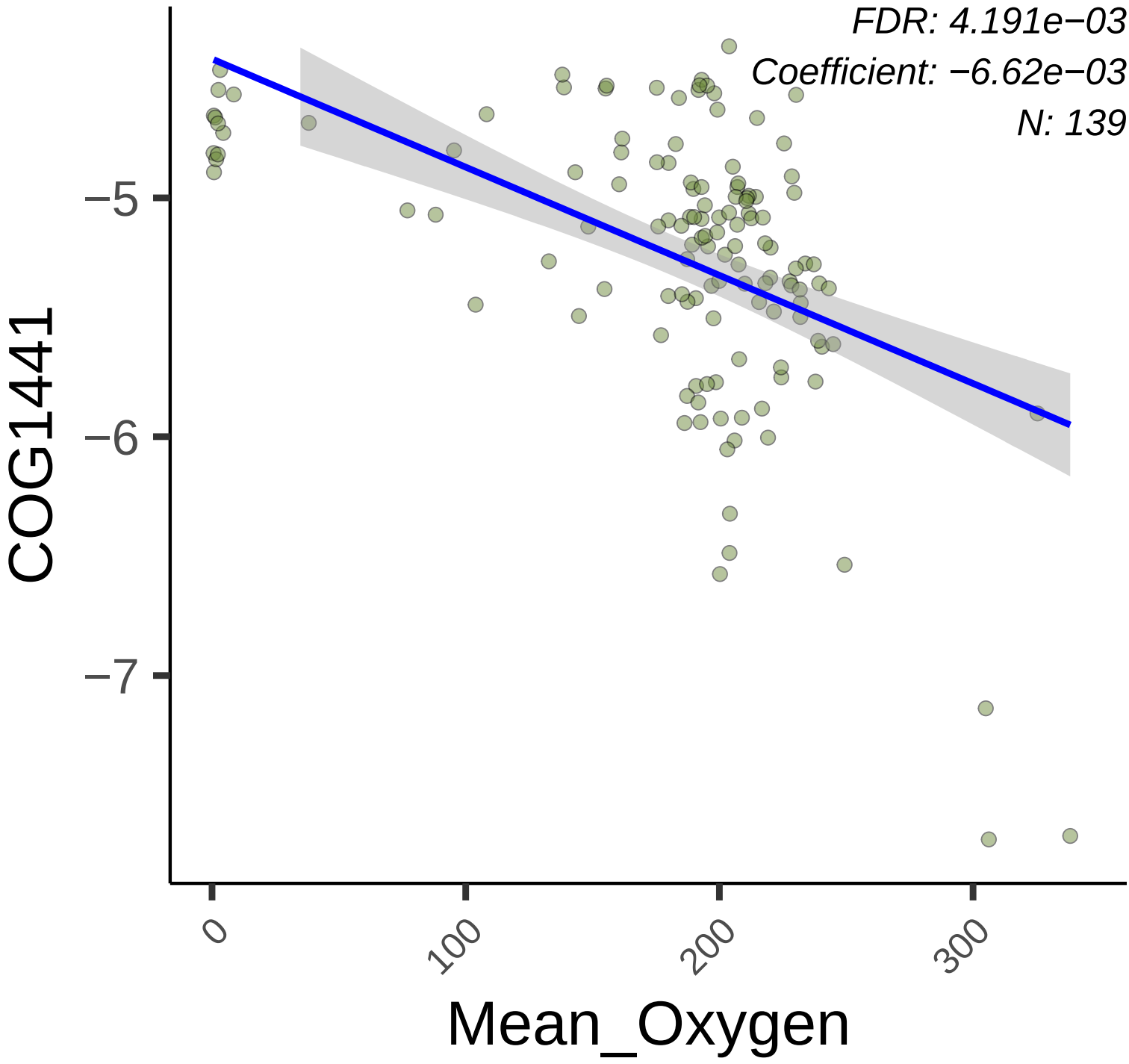
200
300
Mean_Oxygen


FDR: 4.191e−03
Coefficient: −6.62e−03
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COG1441
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−6
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200
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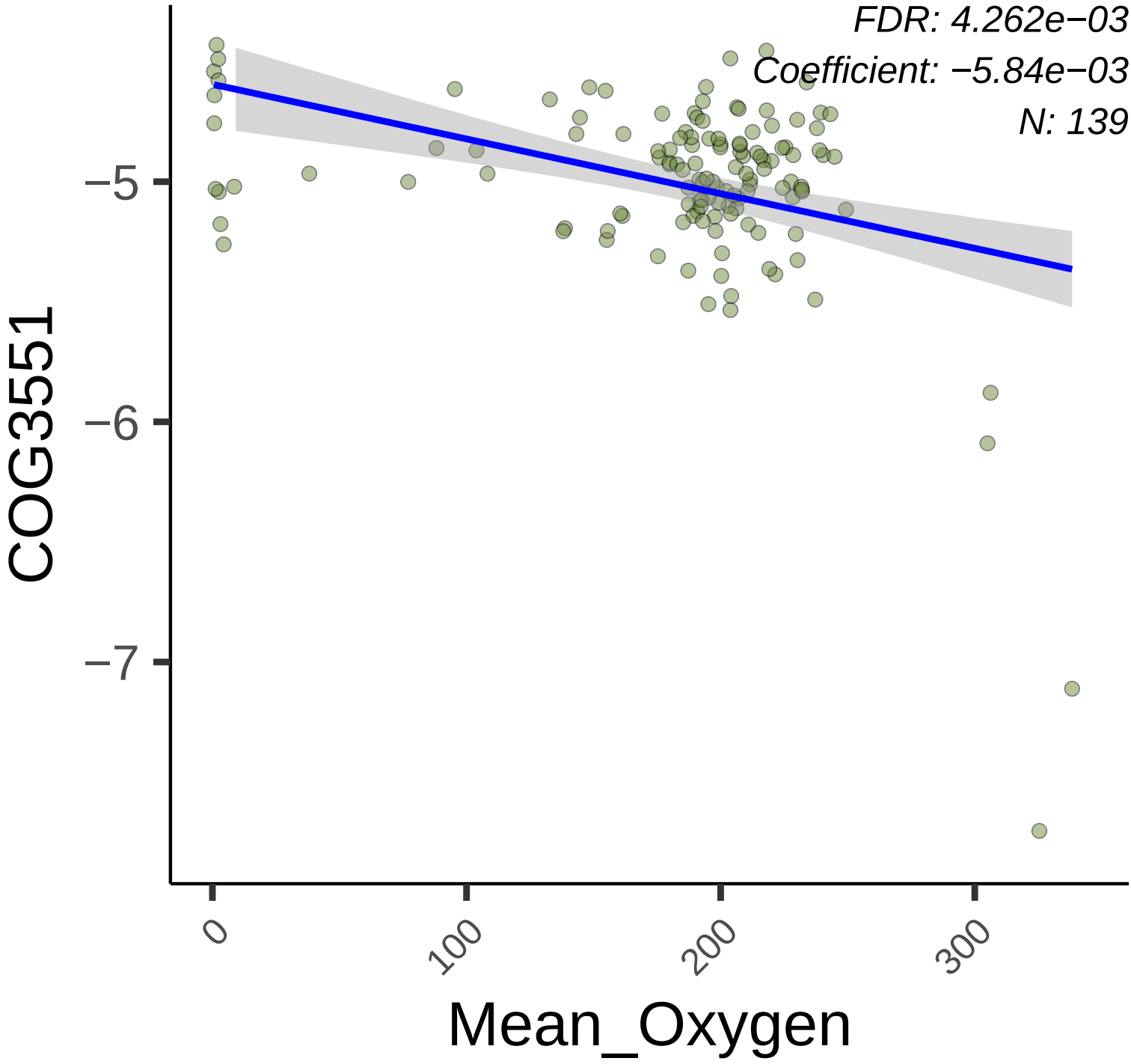
Mean_Oxygen


FDR: 4.262e−03
Coefficient: −5.84e−03
N: 139
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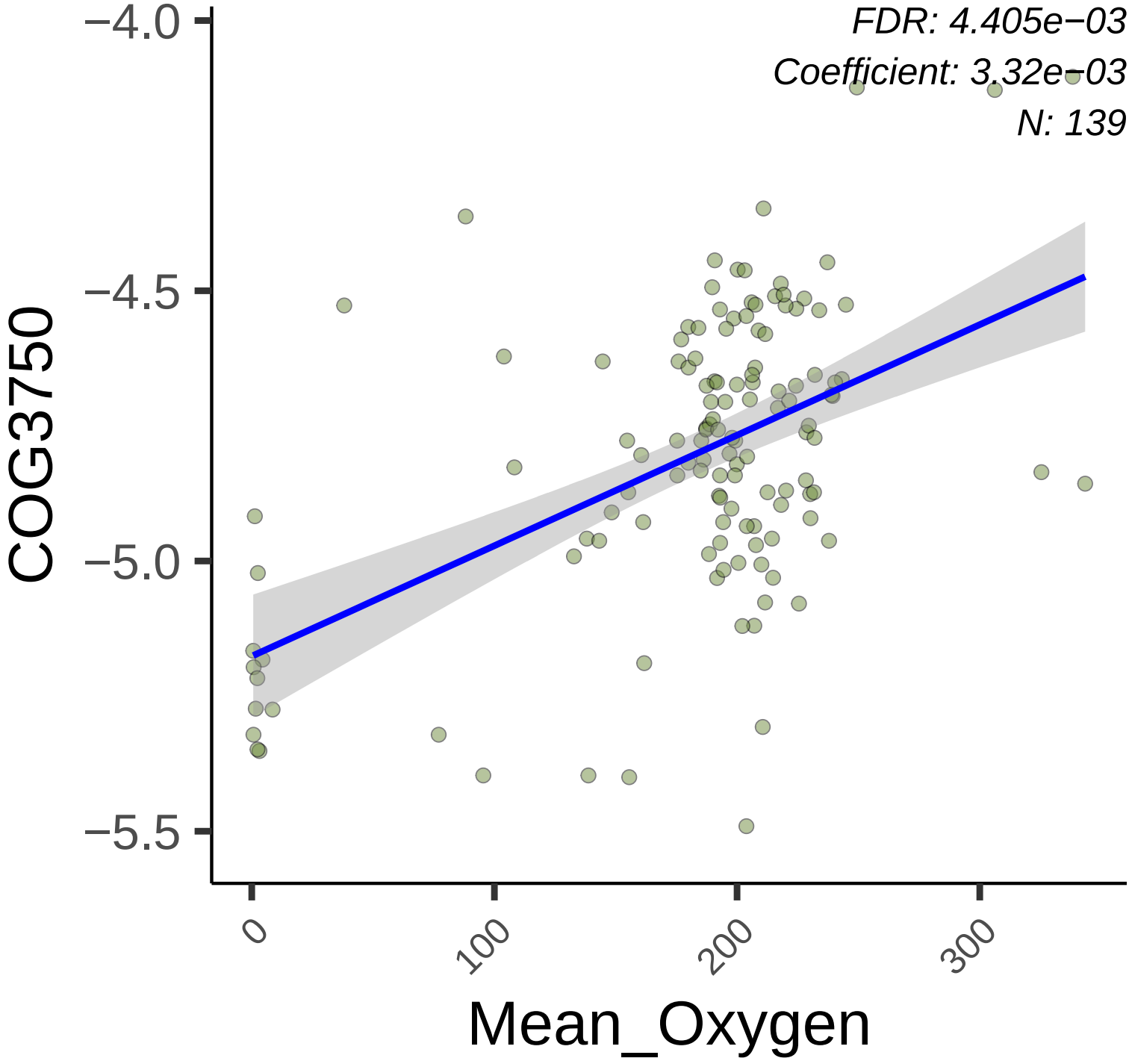
300
Mean_Oxygen


FDR: 4.405e−03
Coefficient: 3.32e−03
N: 139
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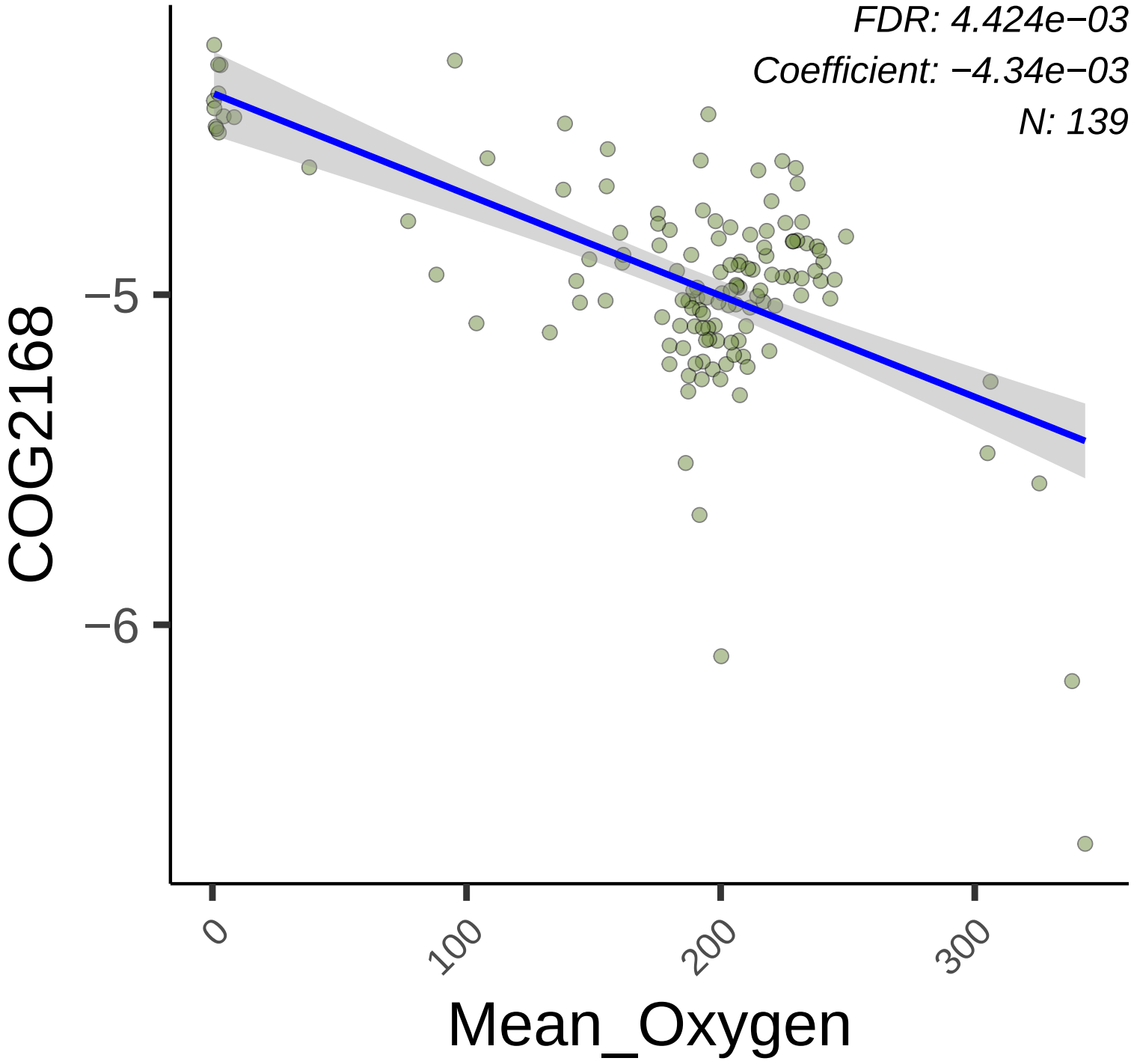
Mean_Oxygen


FDR: 4.424e−03
Coefficient: −4.34e−03
N: 139
COG2168
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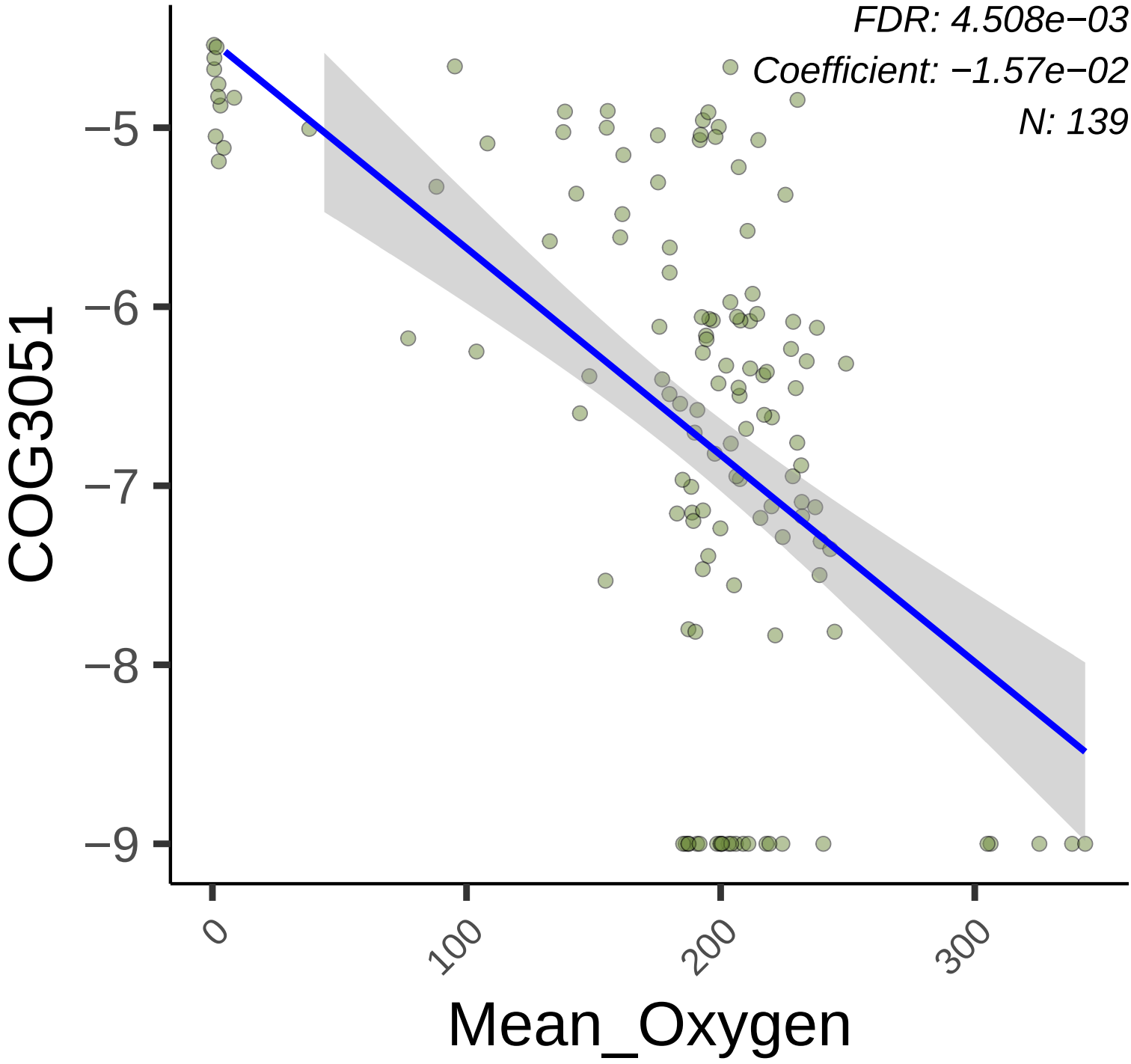
Mean_Oxygen


FDR: 4.508e−03
Coefficient: −1.57e−02
N: 139
COG3051
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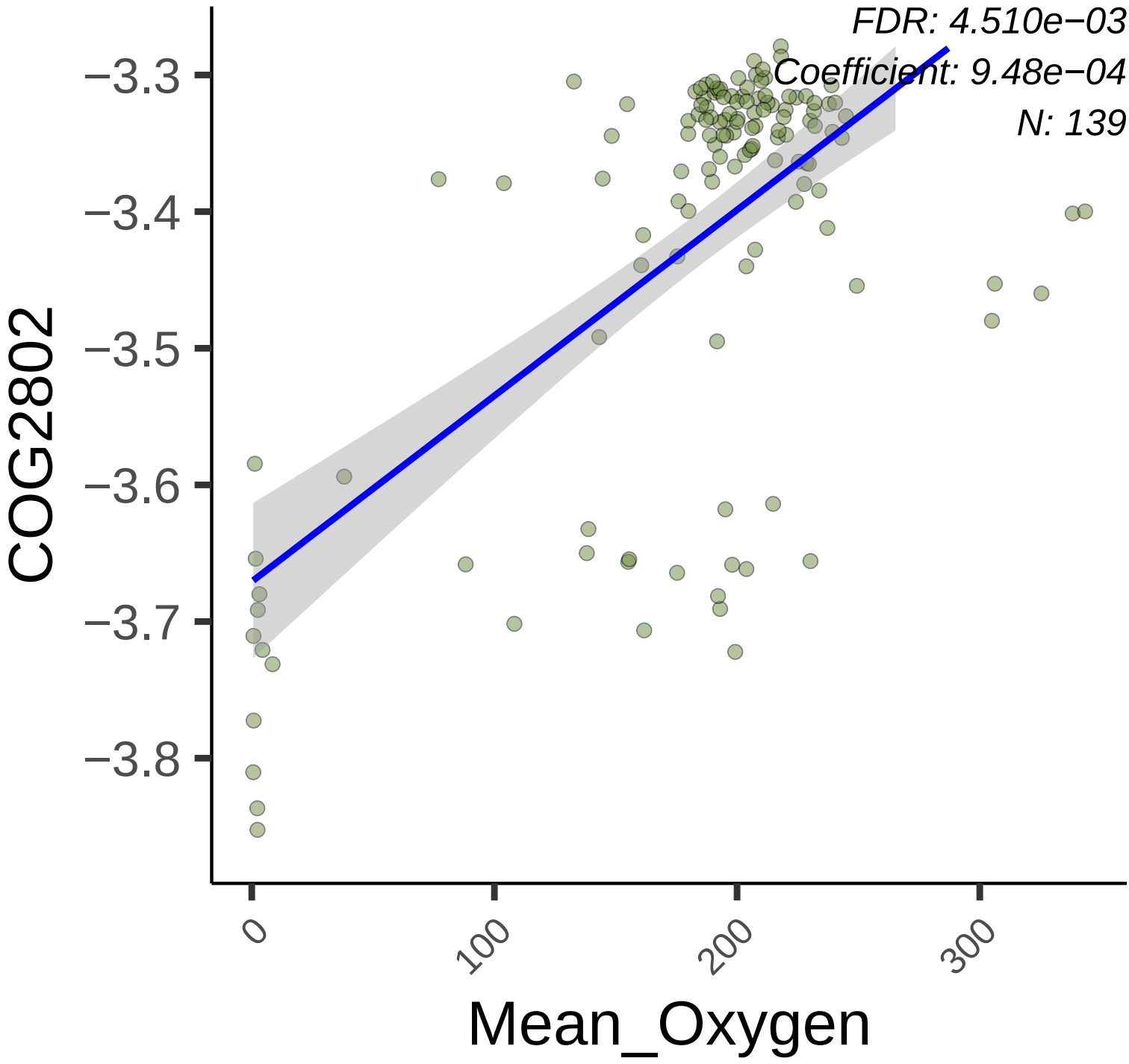
200
300
Mean_Oxygen


FDR: 4.510e−03
Coefficient: 9.48e−04
N: 139
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COG2802
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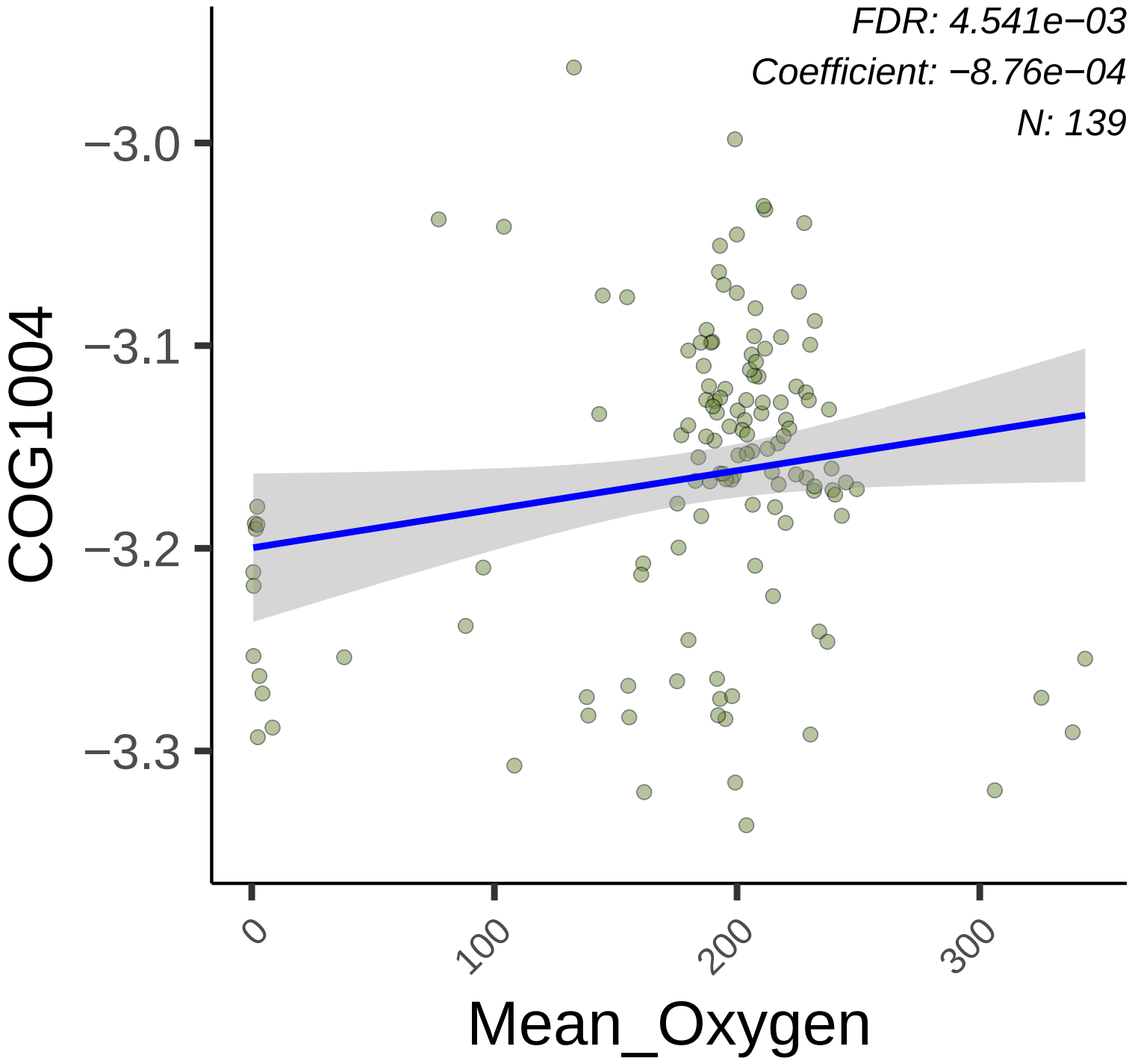
200
300
Mean_Oxygen


FDR: 4.541e−03
Coefficient: −8.76e−04
N: 139
COG1004
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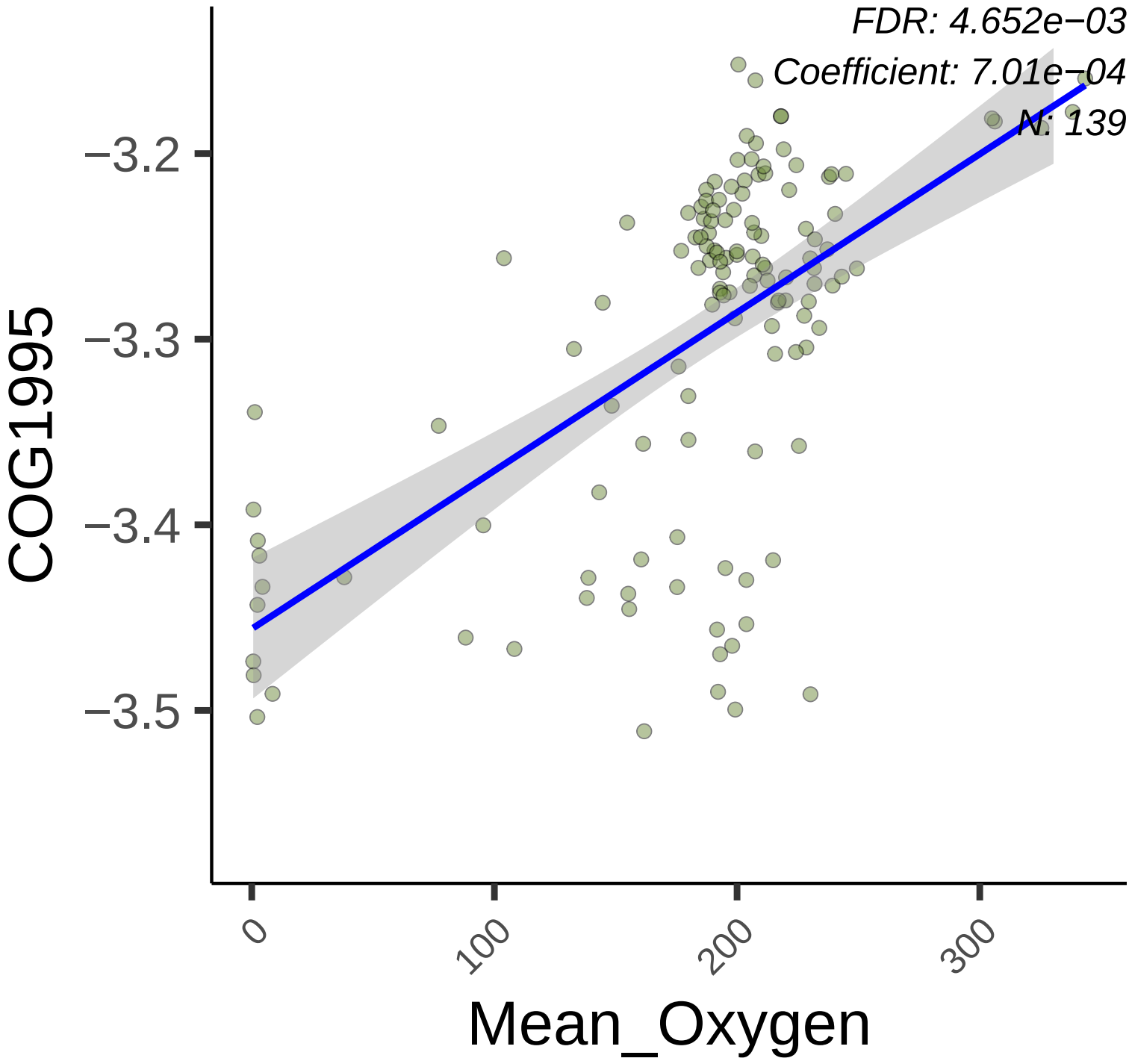
Mean_Oxygen


FDR: 4.652e−03
Coefficient: 7.01e−04
N: 139
COG1995
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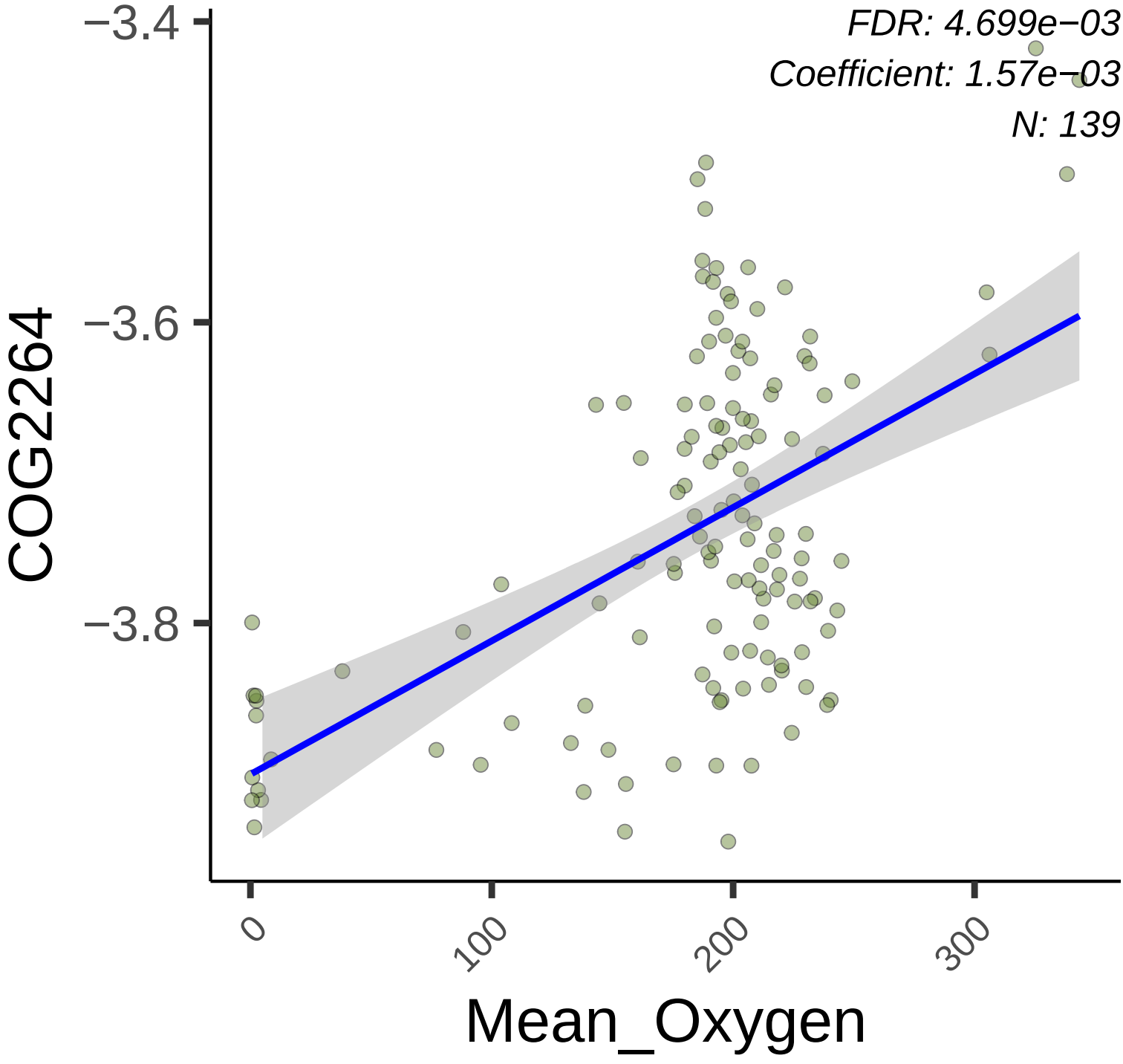
Mean_Oxygen


FDR: 4.699e−03
Coefficient: 1.57e−03
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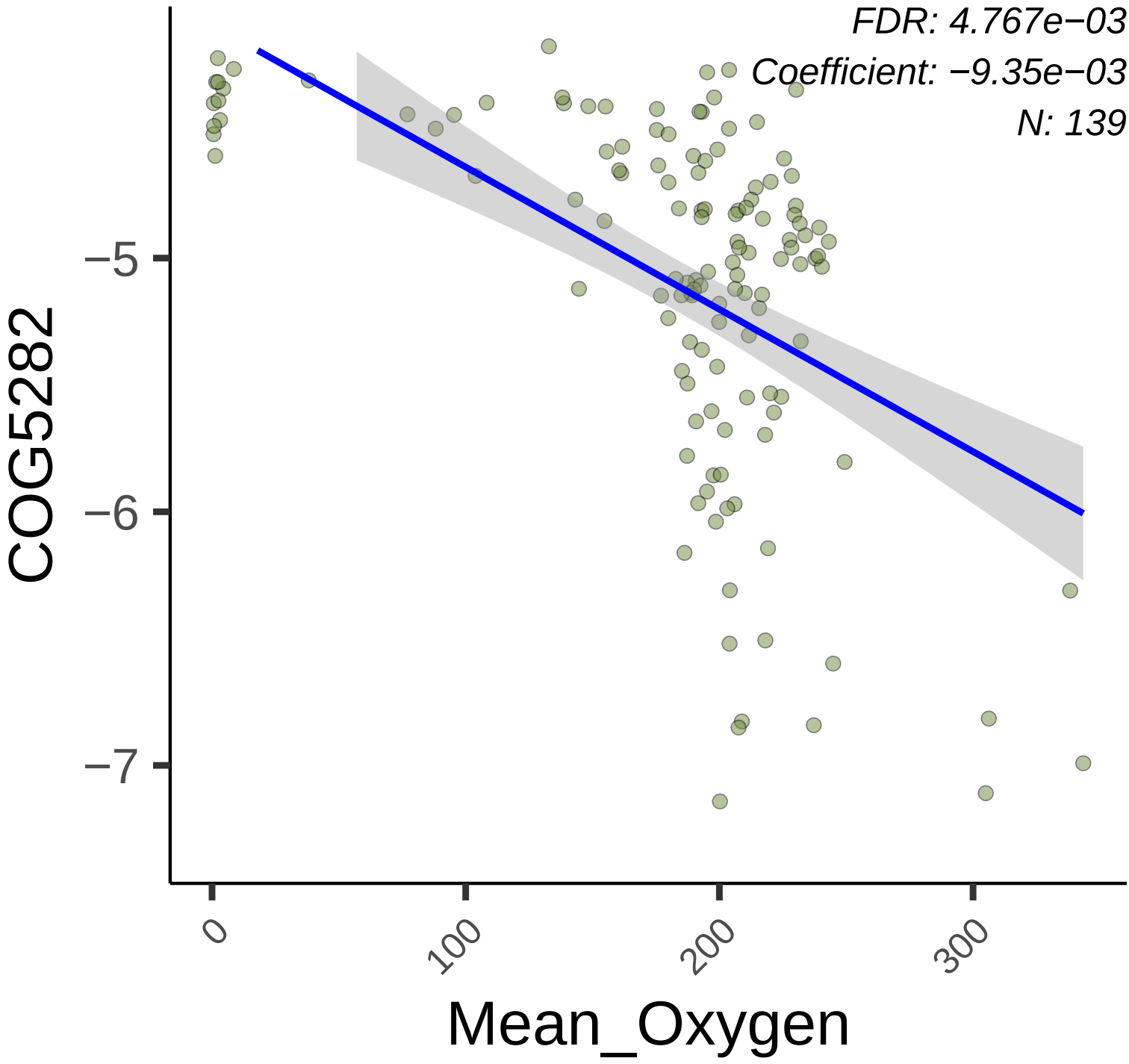
Mean_Oxygen


FDR: 4.767e−03
Coefficient: −9.35e−03
N: 139
COG5282
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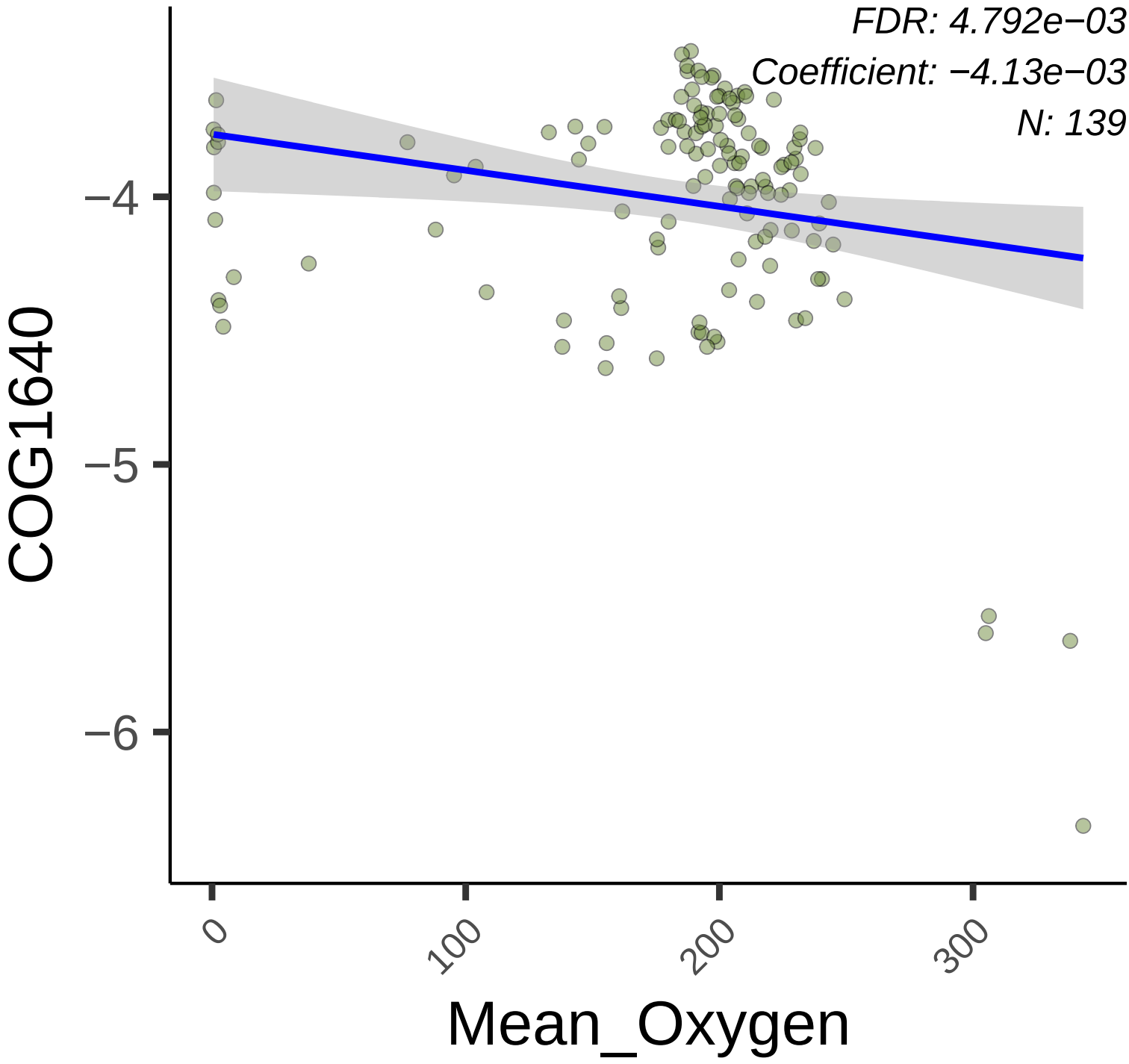
200
300
Mean_Oxygen


FDR: 4.792e−03
Coefficient: −4.13e−03
N: 139
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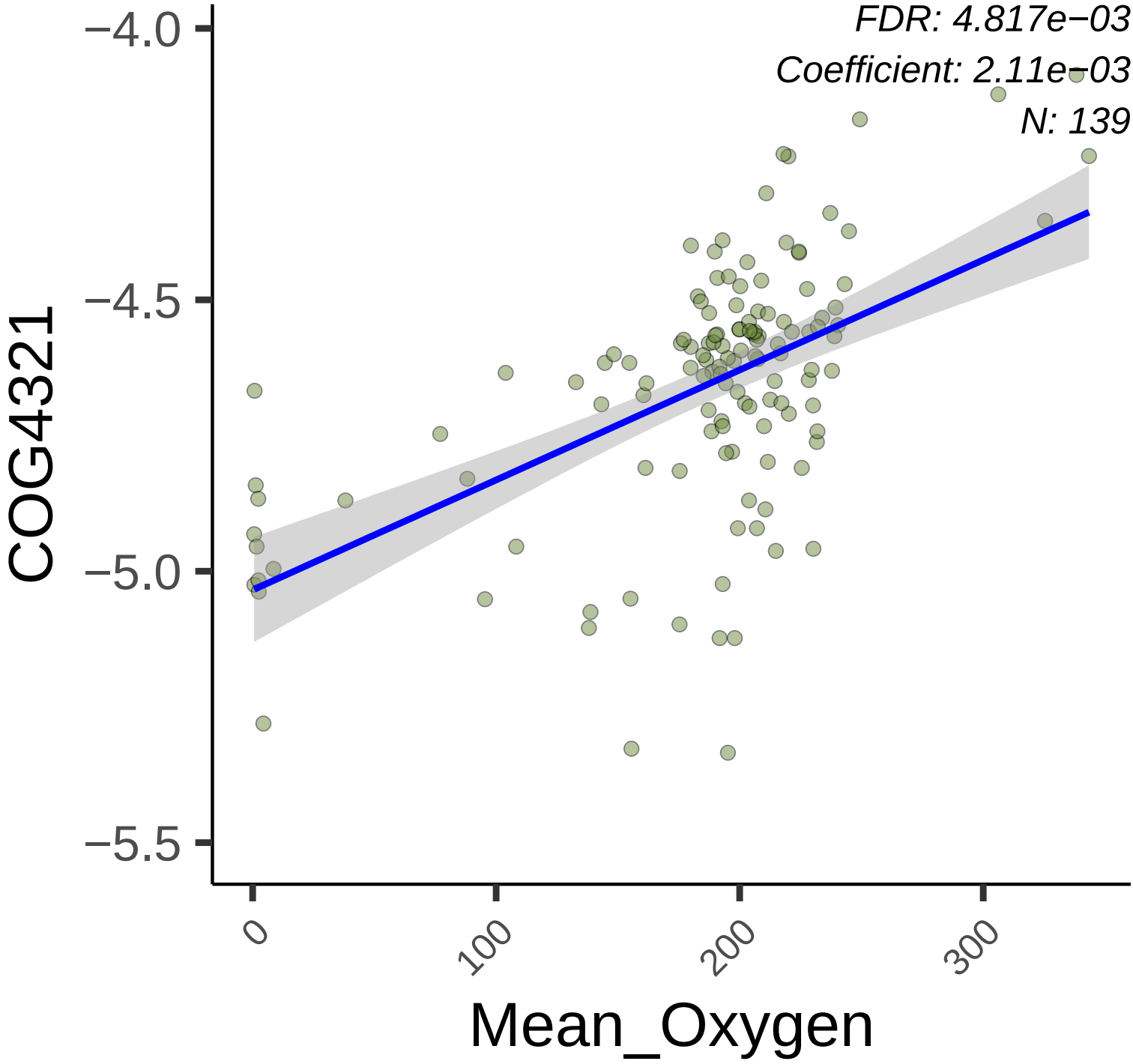
Mean_Oxygen


FDR: 4.817e−03
Coefficient: 2.11e−03
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COG4321
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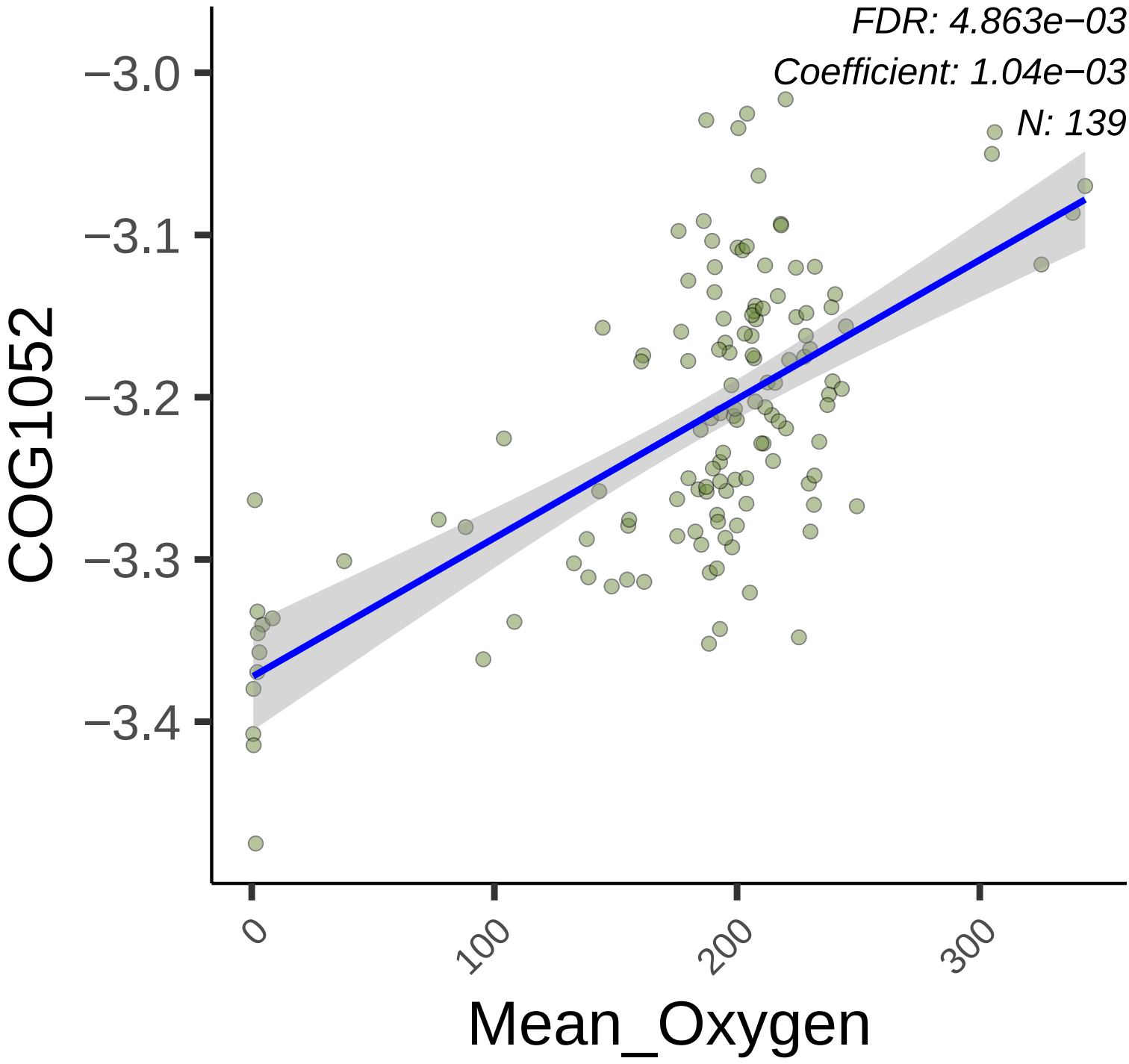
200
300
Mean_Oxygen


FDR: 4.863e−03
Coefficient: 1.04e−03
N: 139
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COG1052
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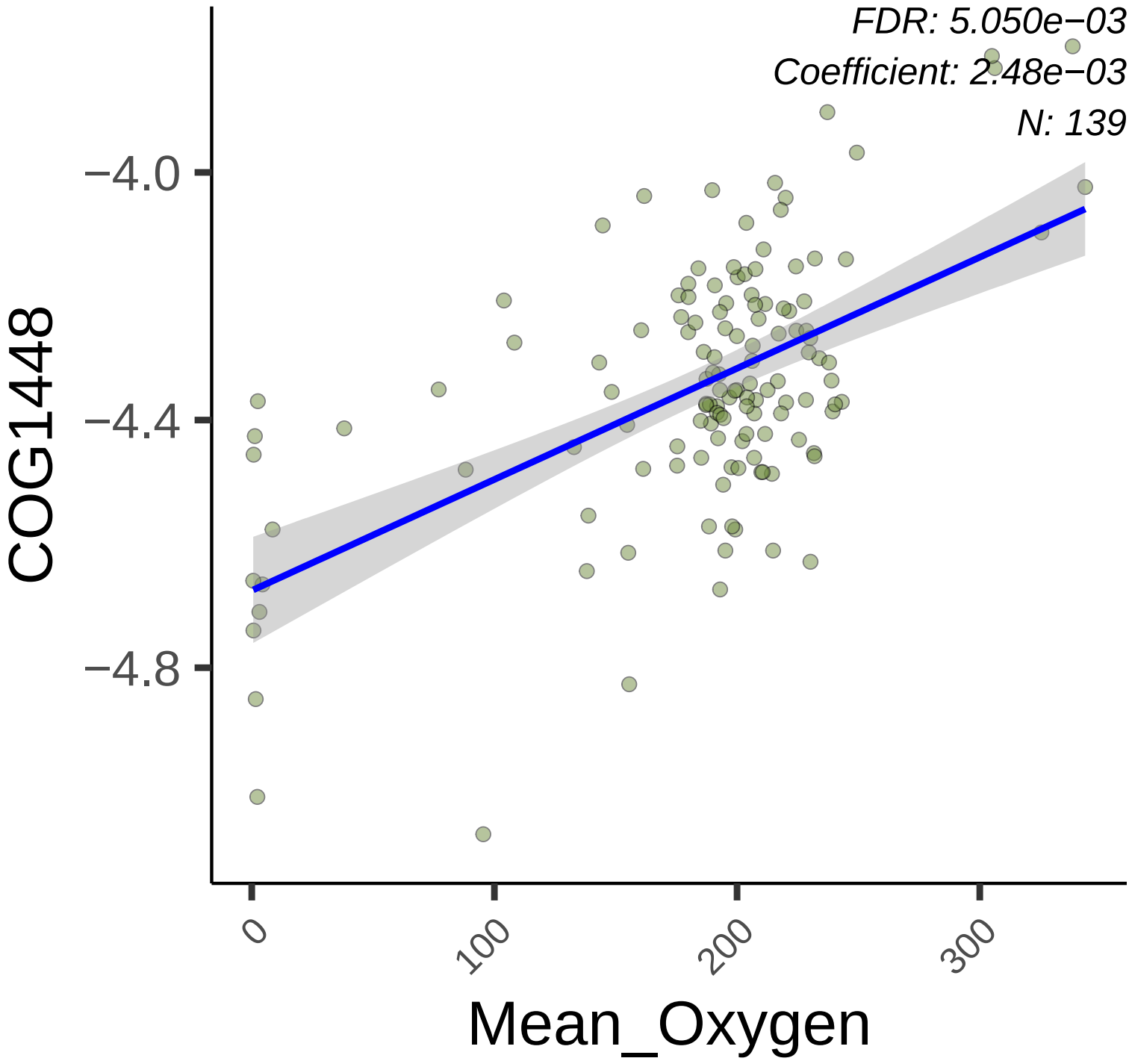
300
Mean_Oxygen


FDR: 5.050e−03
Coefficient: 2.48e−03
N: 139
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COG1448
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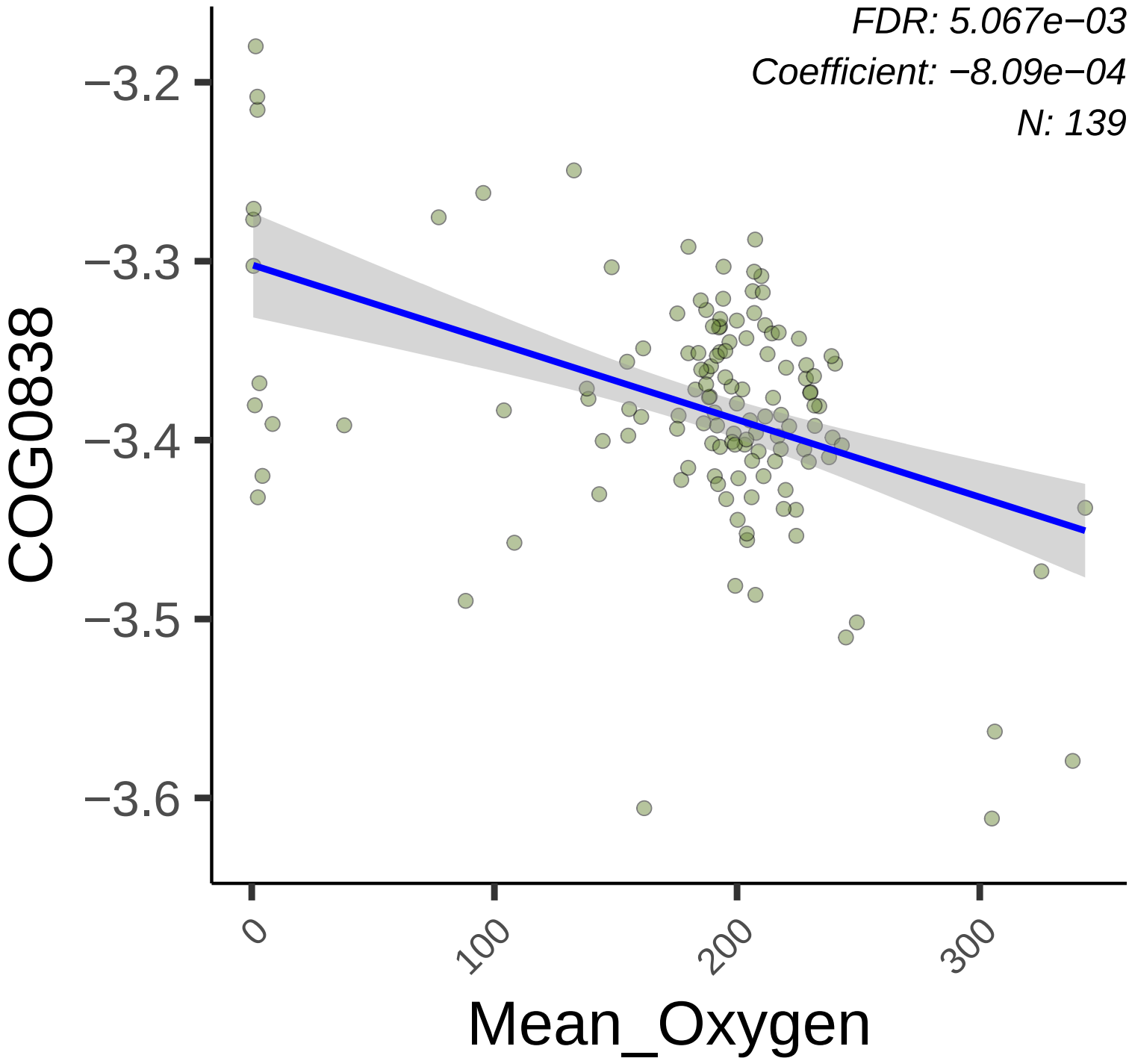
300
Mean_Oxygen


FDR: 5.067e−03
Coefficient: −8.09e−04
N: 139
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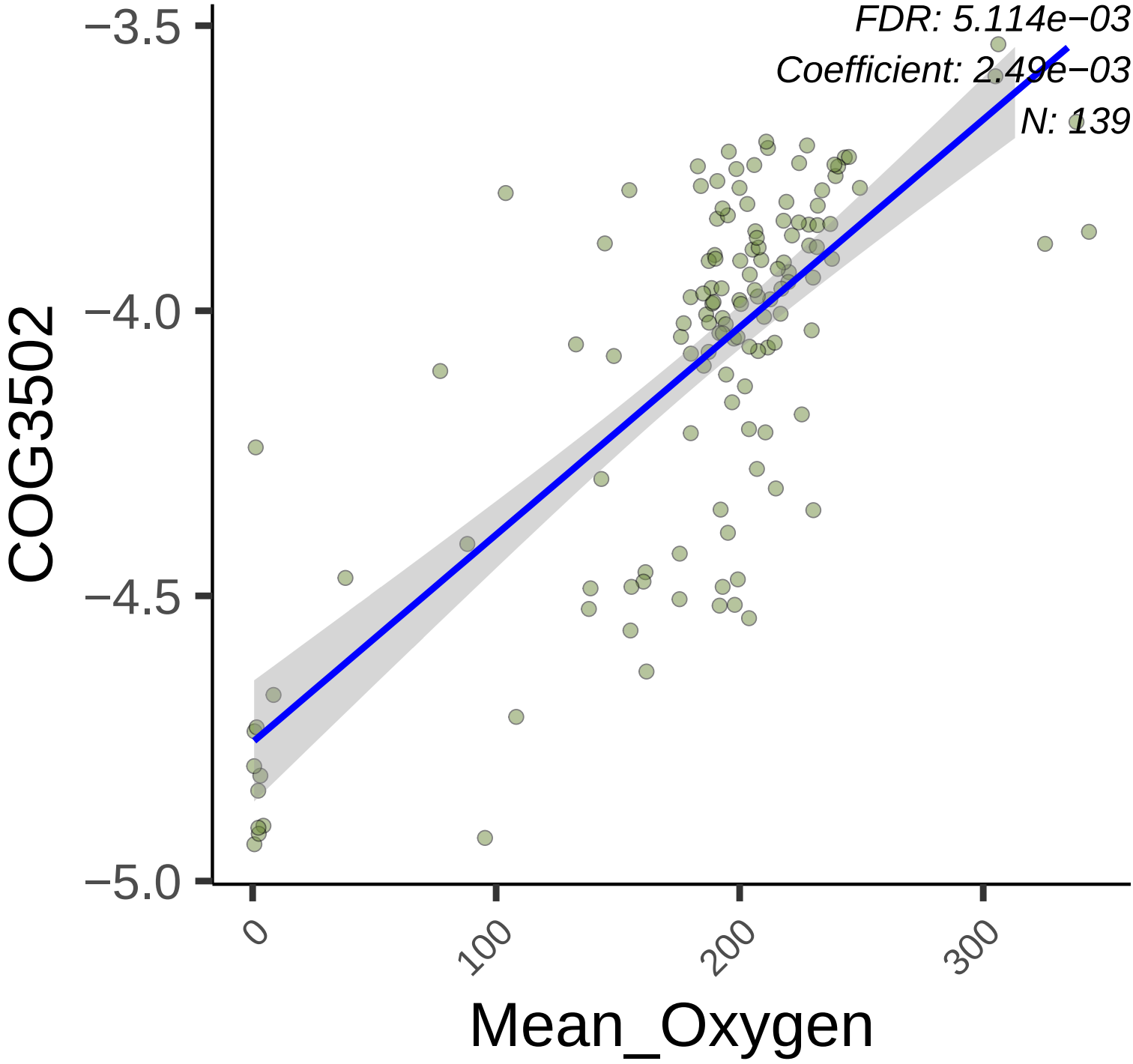
Mean_Oxygen


FDR: 5.114e−03
Coefficient: 2.49e−03
N: 139
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COG3502
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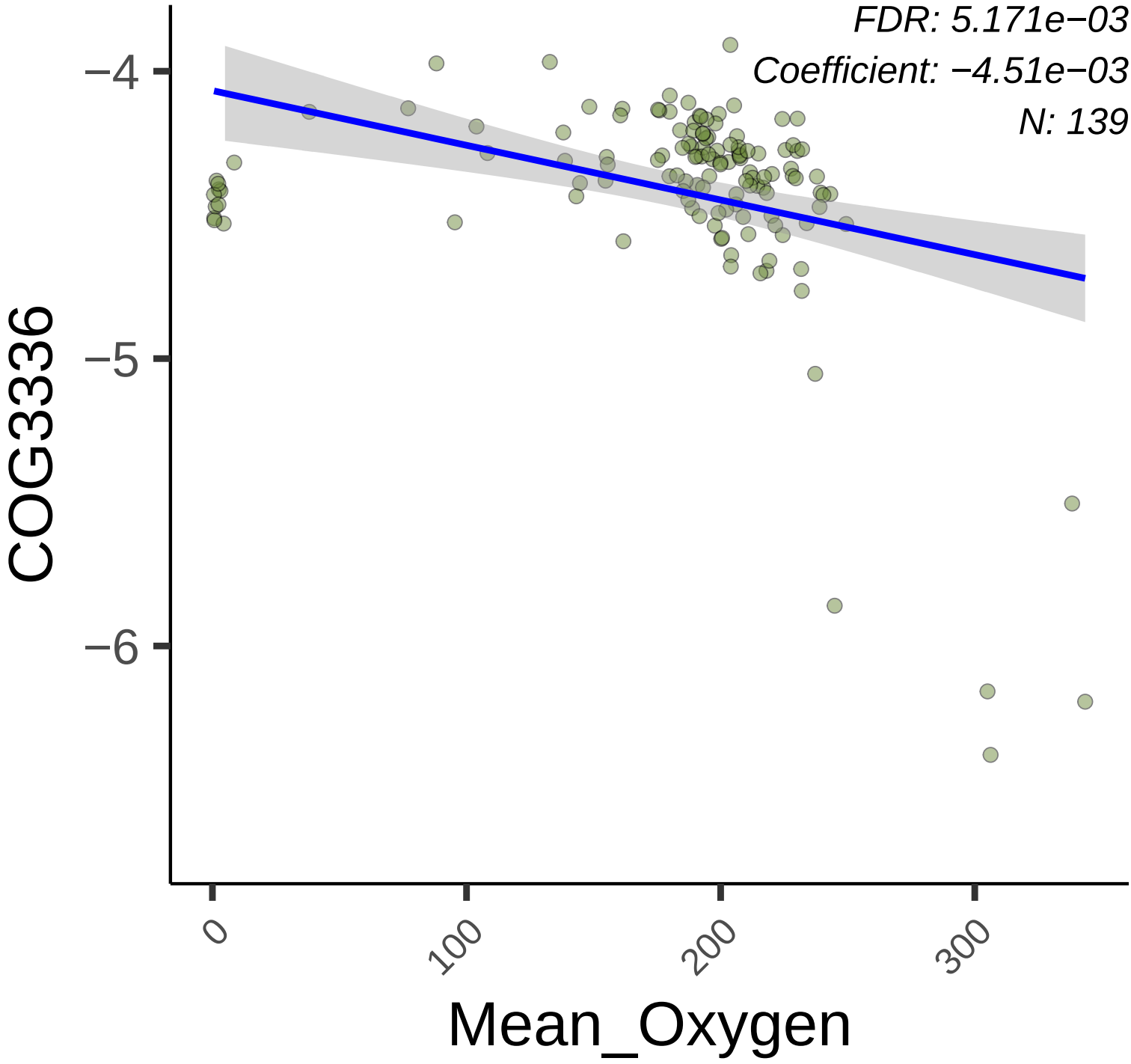
Mean_Oxygen


FDR: 5.171e−03
Coefficient: −4.51e−03
N: 139
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COG3336
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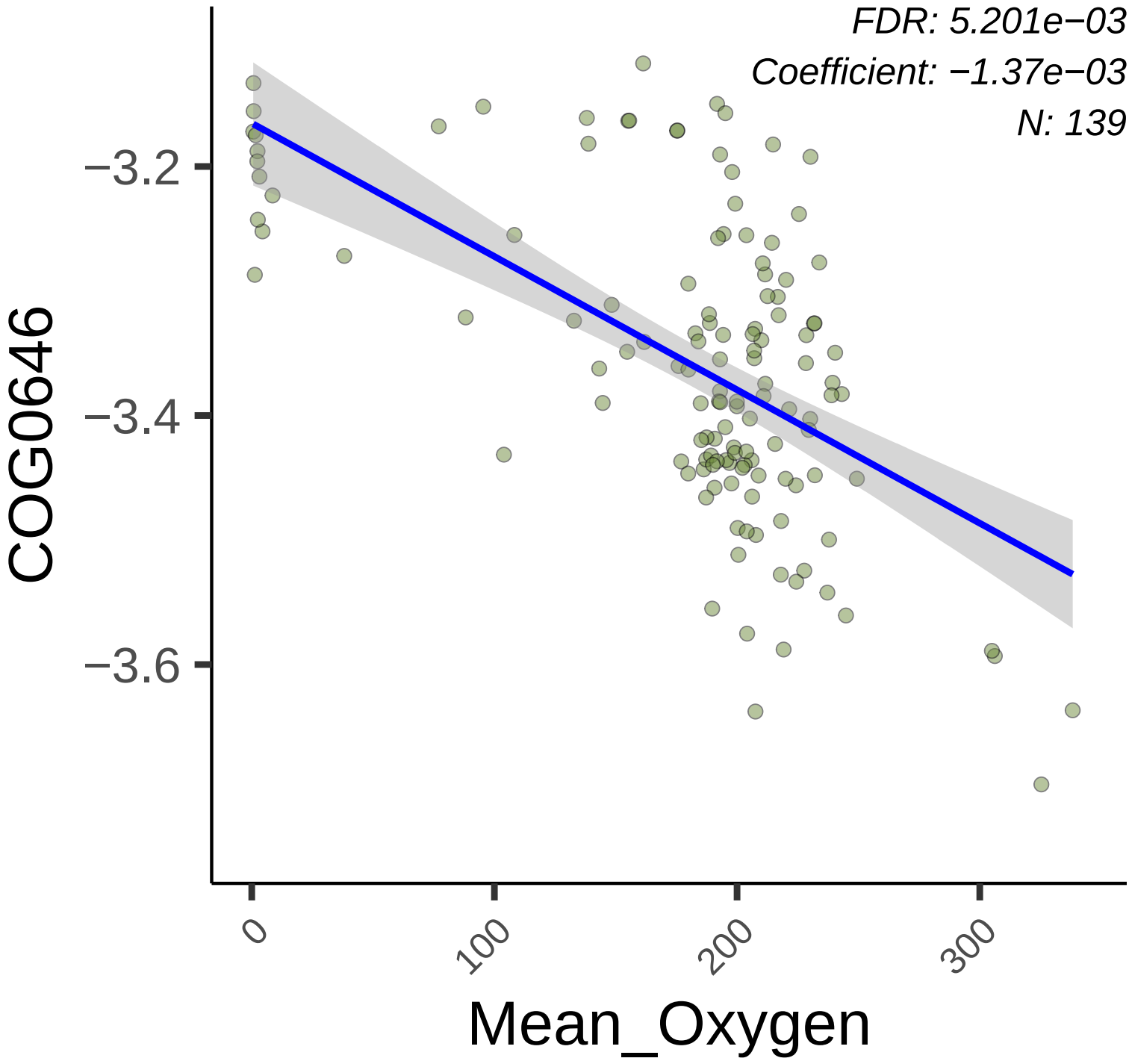
Mean_Oxygen


FDR: 5.201e−03
Coefficient: −1.37e−03
N: 139
COG0646
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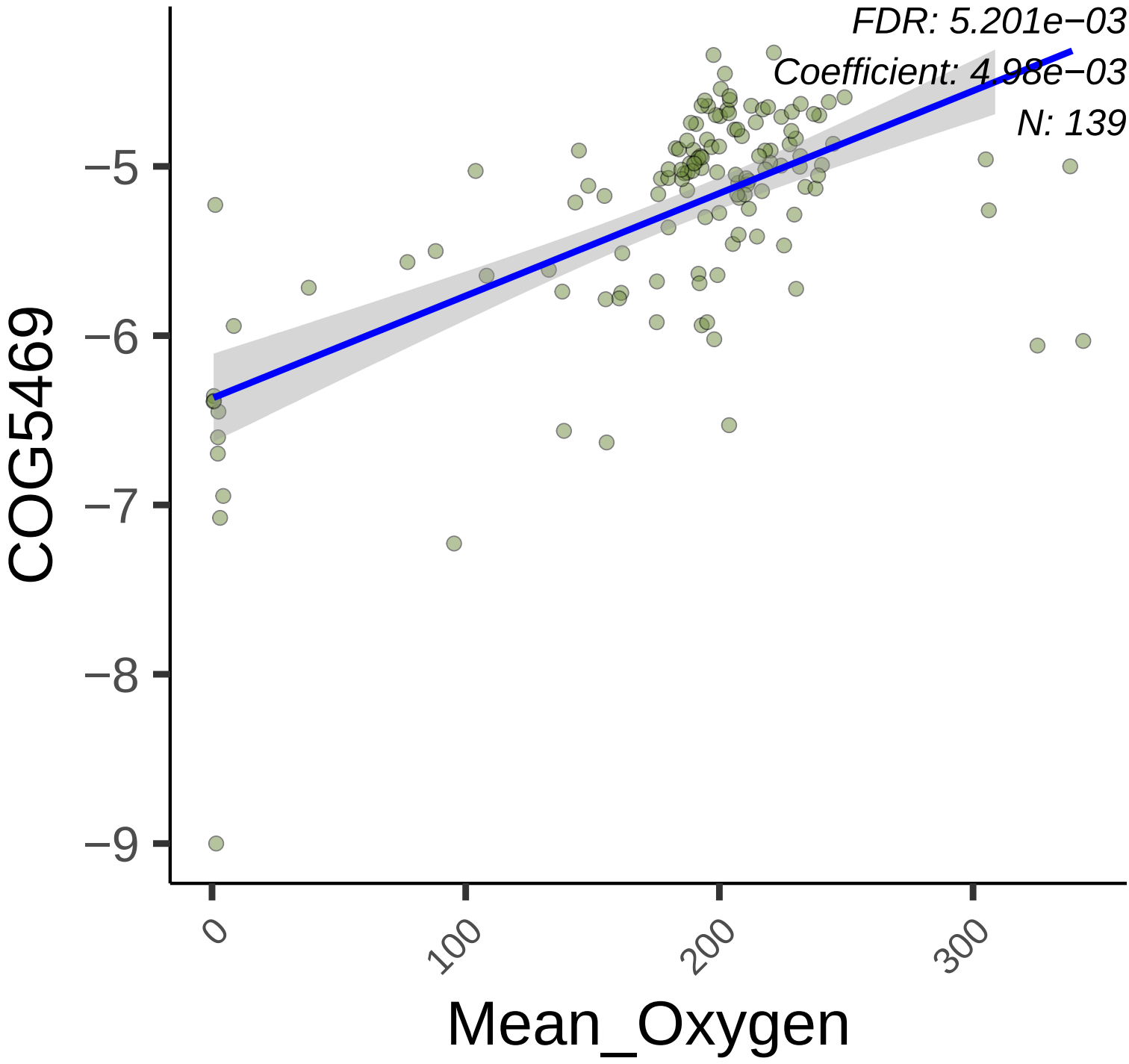
Mean_Oxygen


FDR: 5.201e−03
Coefficient: 4.98e−03
N: 139
COG5469
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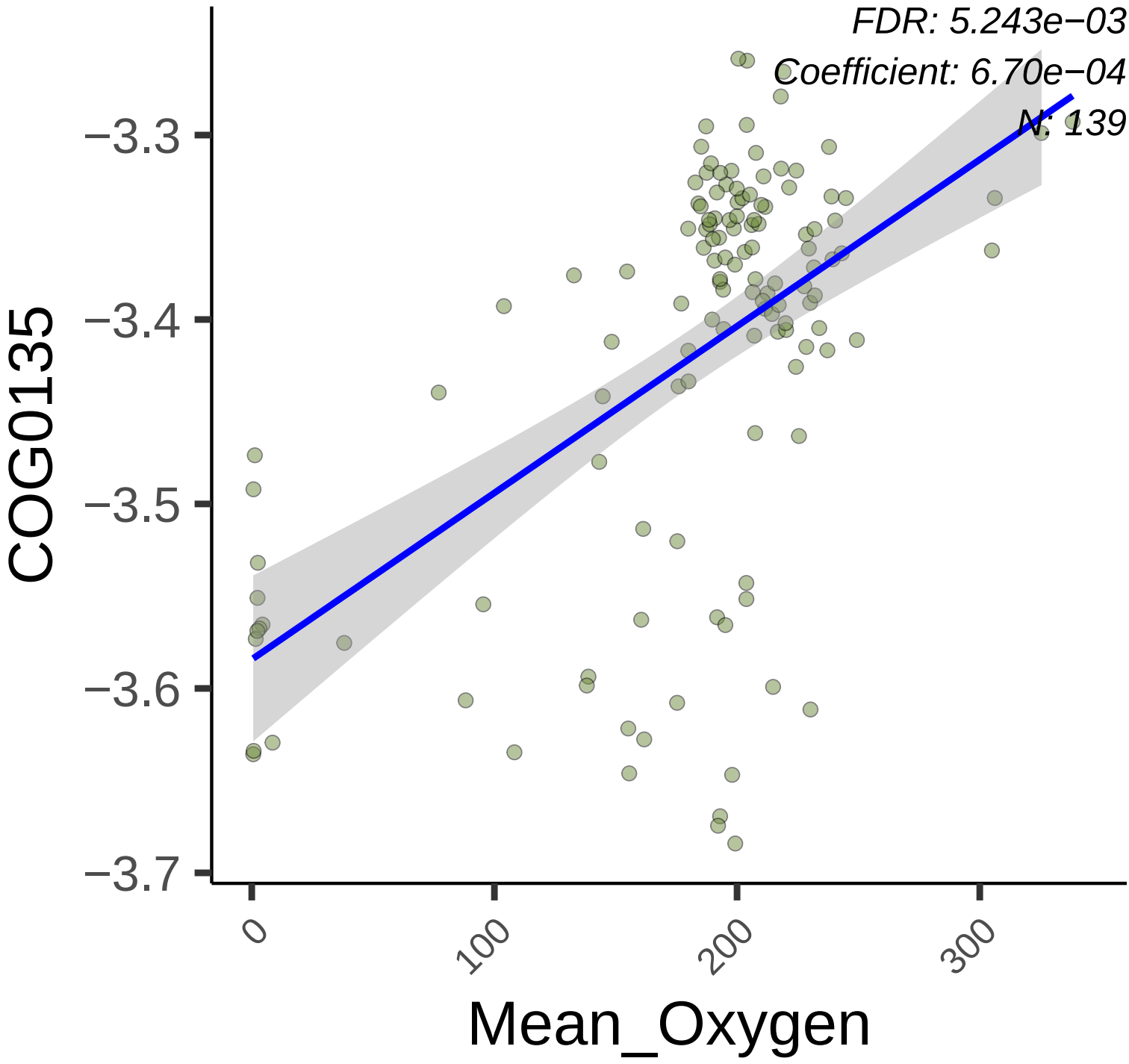
Mean_Oxygen


FDR: 5.243e−03
Coefficient: 6.70e−04
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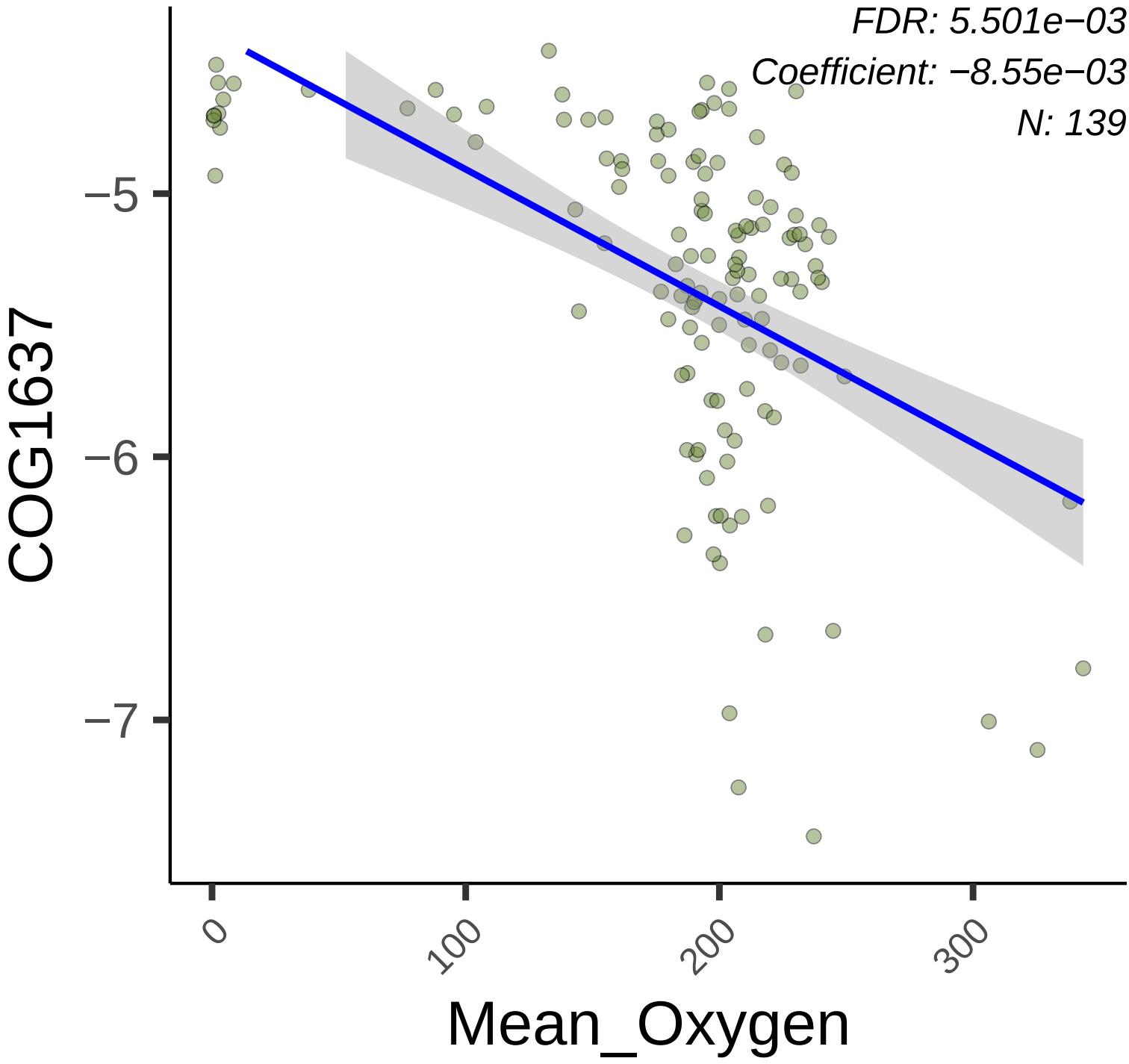
Mean_Oxygen


FDR: 5.501e−03
Coefficient: −8.55e−03
N: 139
COG1637
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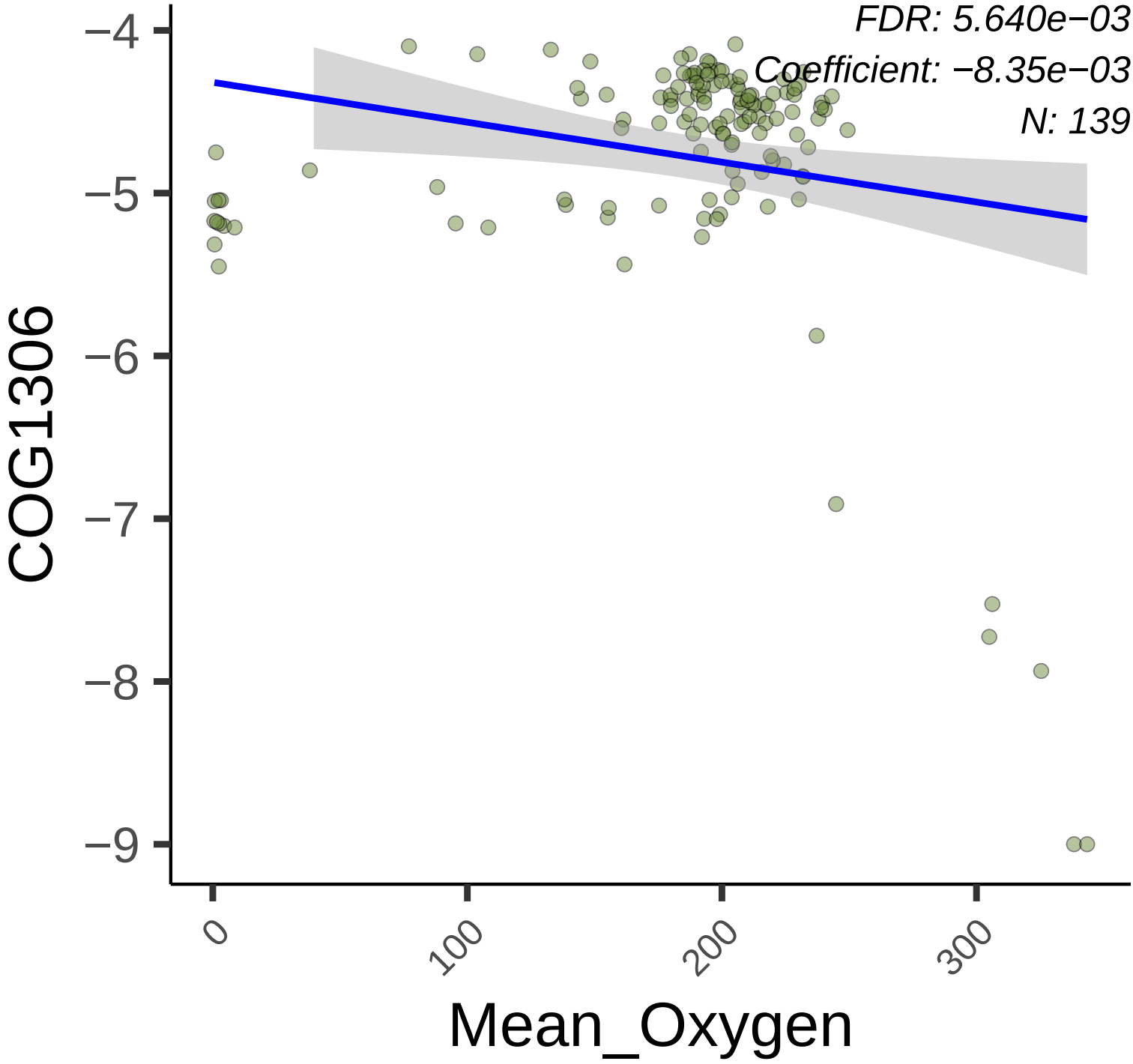
Mean_Oxygen


FDR: 5.640e−03
Coefficient: −8.35e−03
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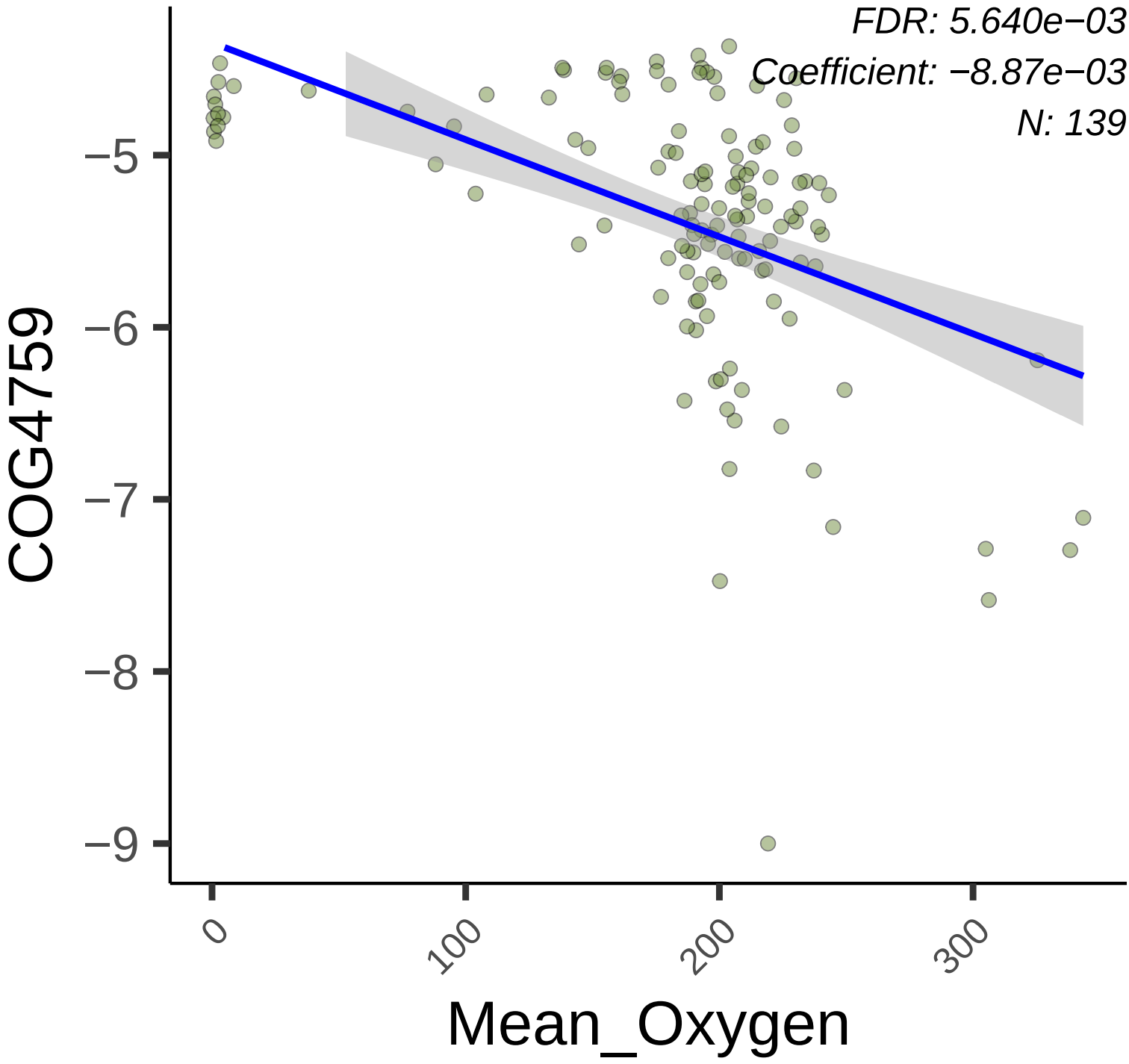
Mean_Oxygen


FDR: 5.640e−03
Coefficient: −8.87e−03
N: 139
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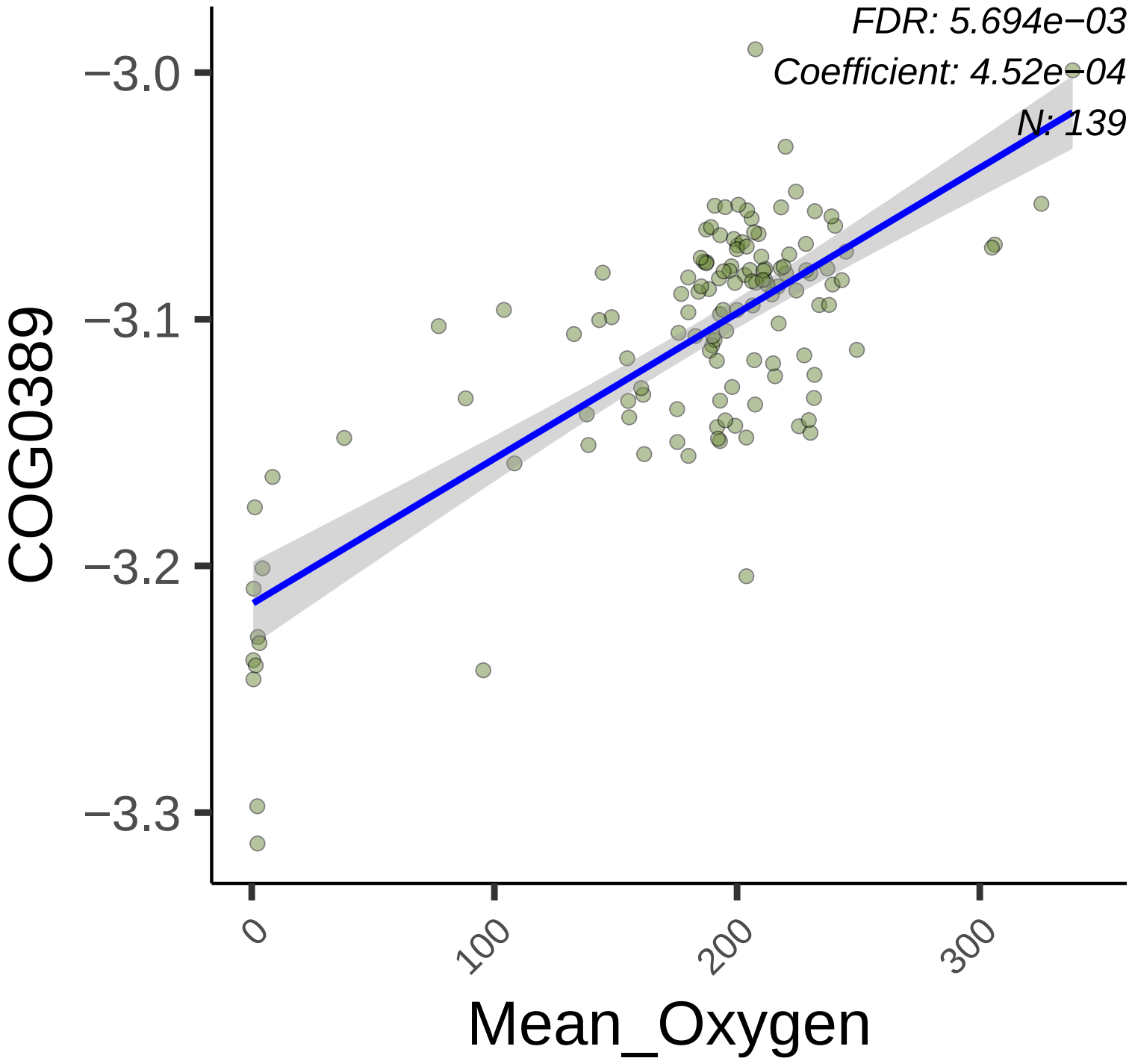
Mean_Oxygen


FDR: 5.694e−03
Coefficient: 4.52e−04
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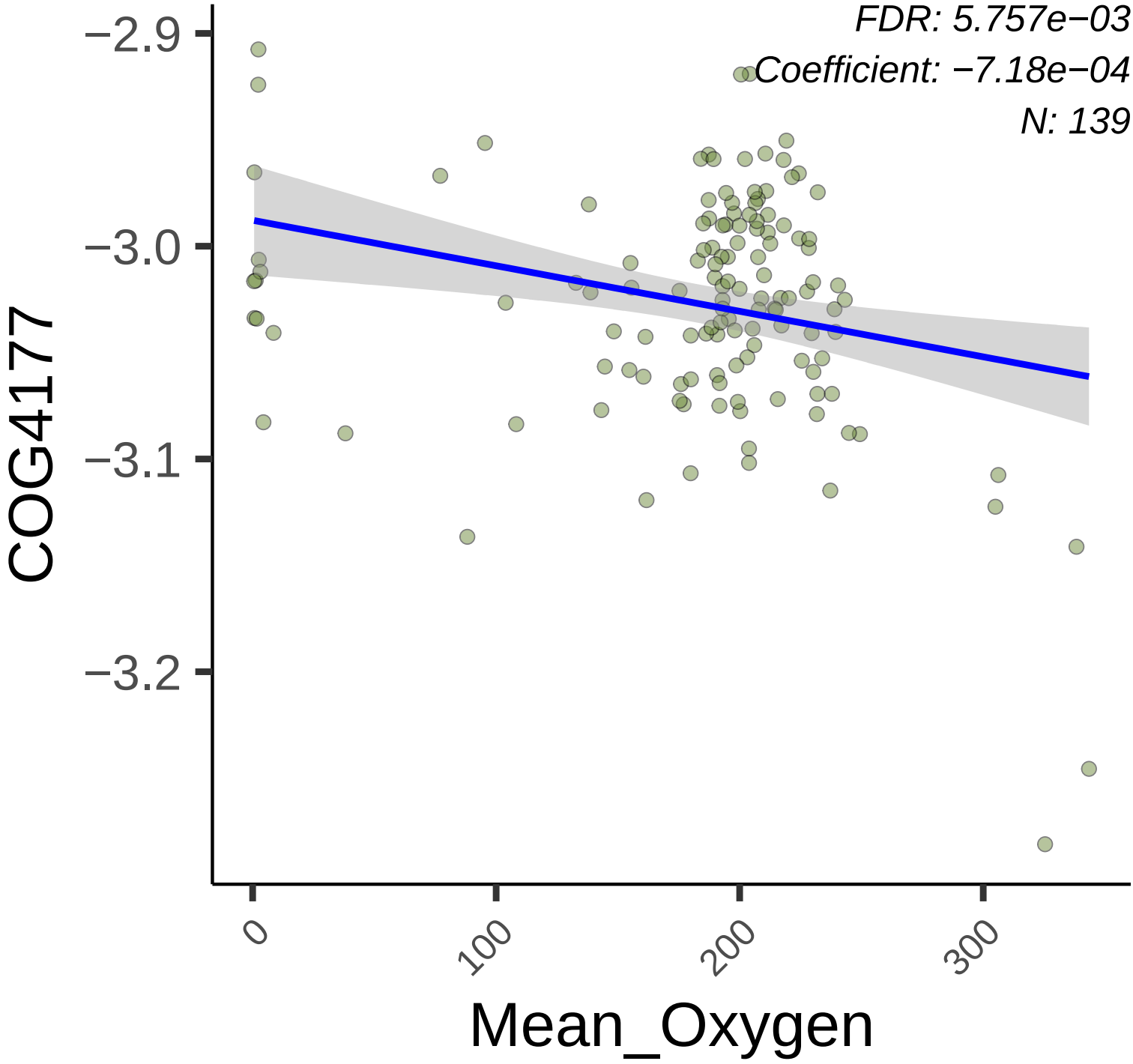
Mean_Oxygen


FDR: 5.757e−03
Coefficient: −7.18e−04
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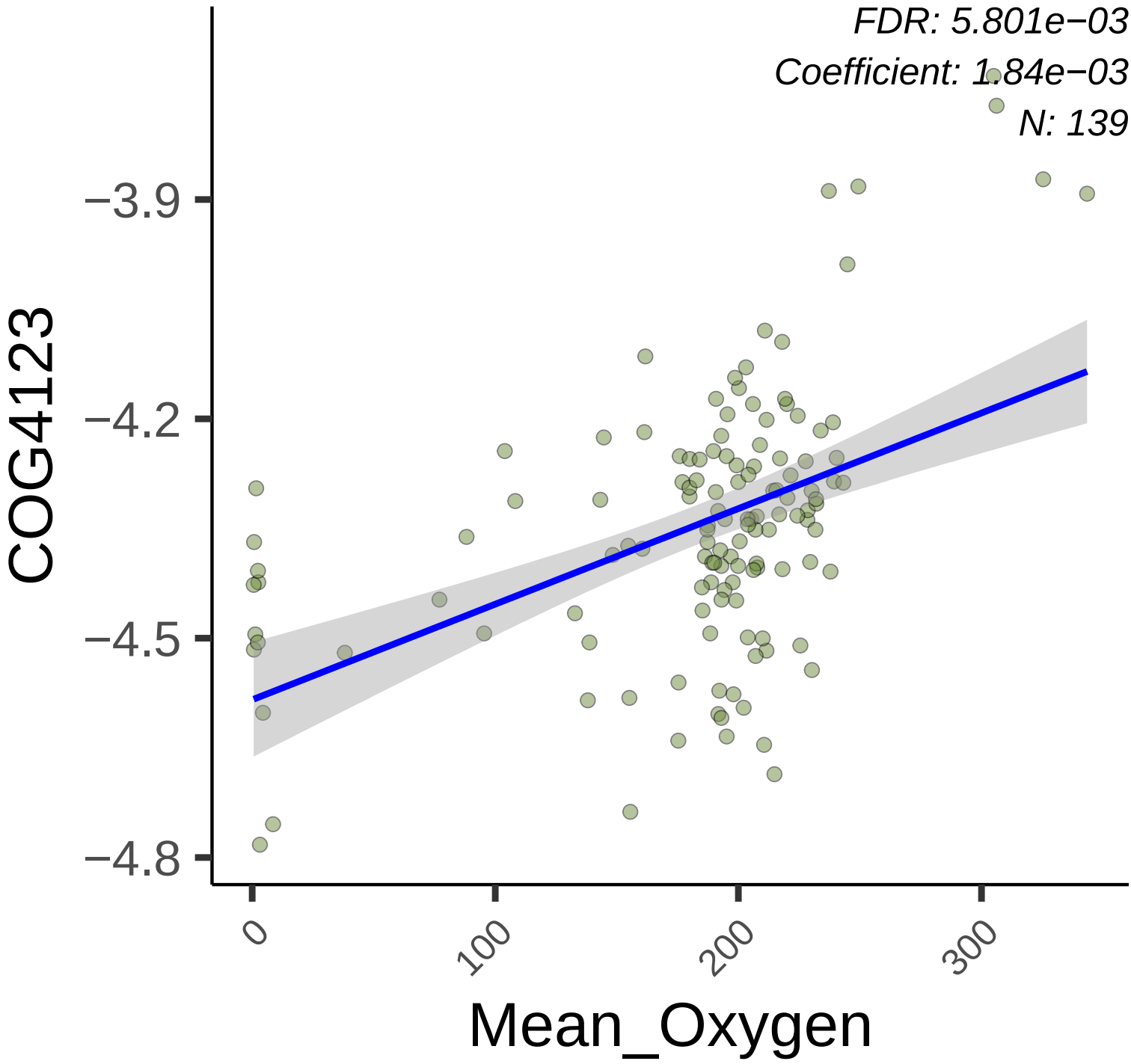
300
Mean_Oxygen


FDR: 5.801e−03
Coefficient: 1.84e−03
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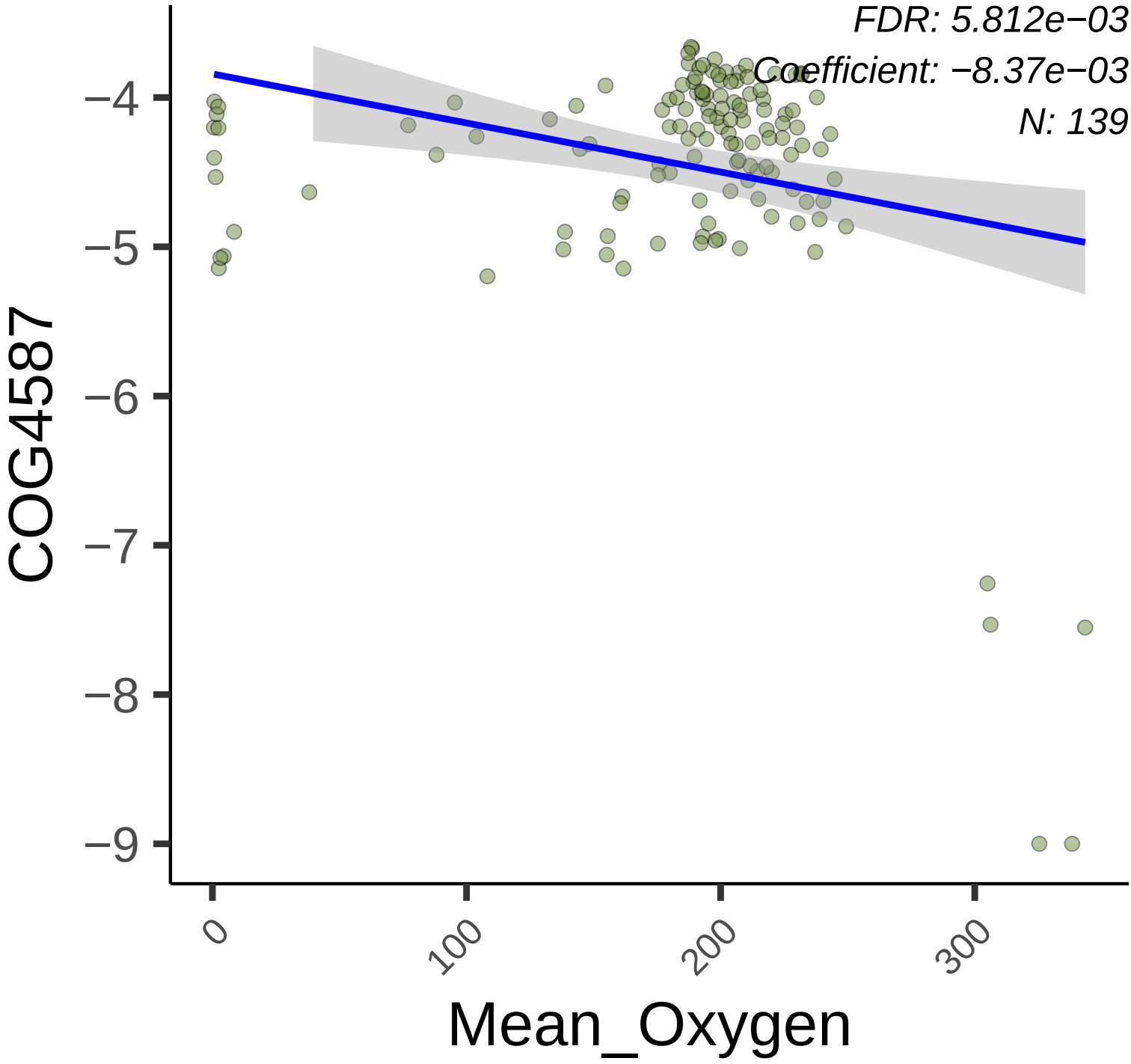
Mean_Oxygen


FDR: 5.812e−03
Coefficient: −8.37e−03
N: 139
COG4587
−4
−5
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−9
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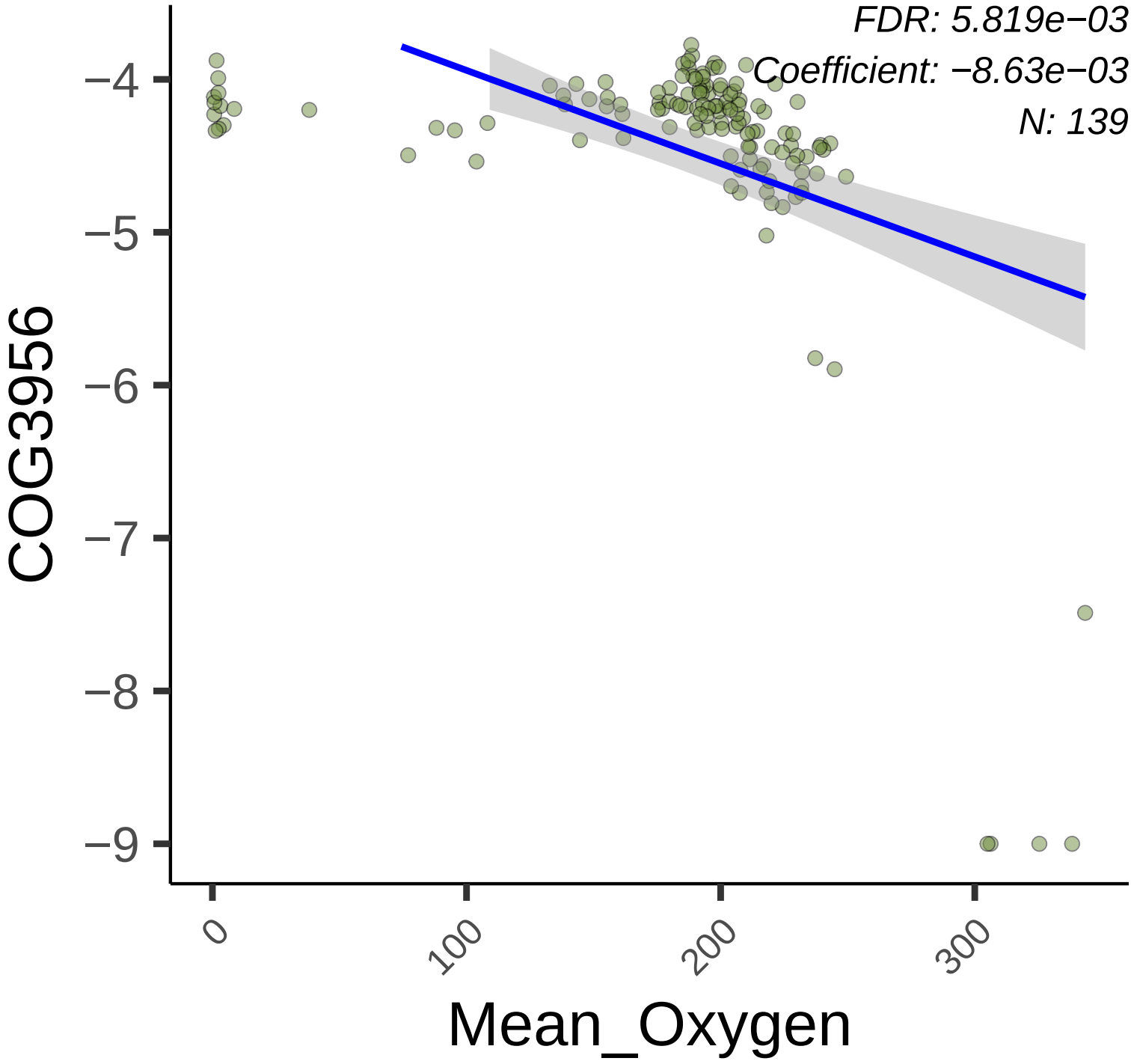
200
300
Mean_Oxygen


FDR: 5.819e−03
Coefficient: −8.63e−03
N: 139
COG3956
−4
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−7
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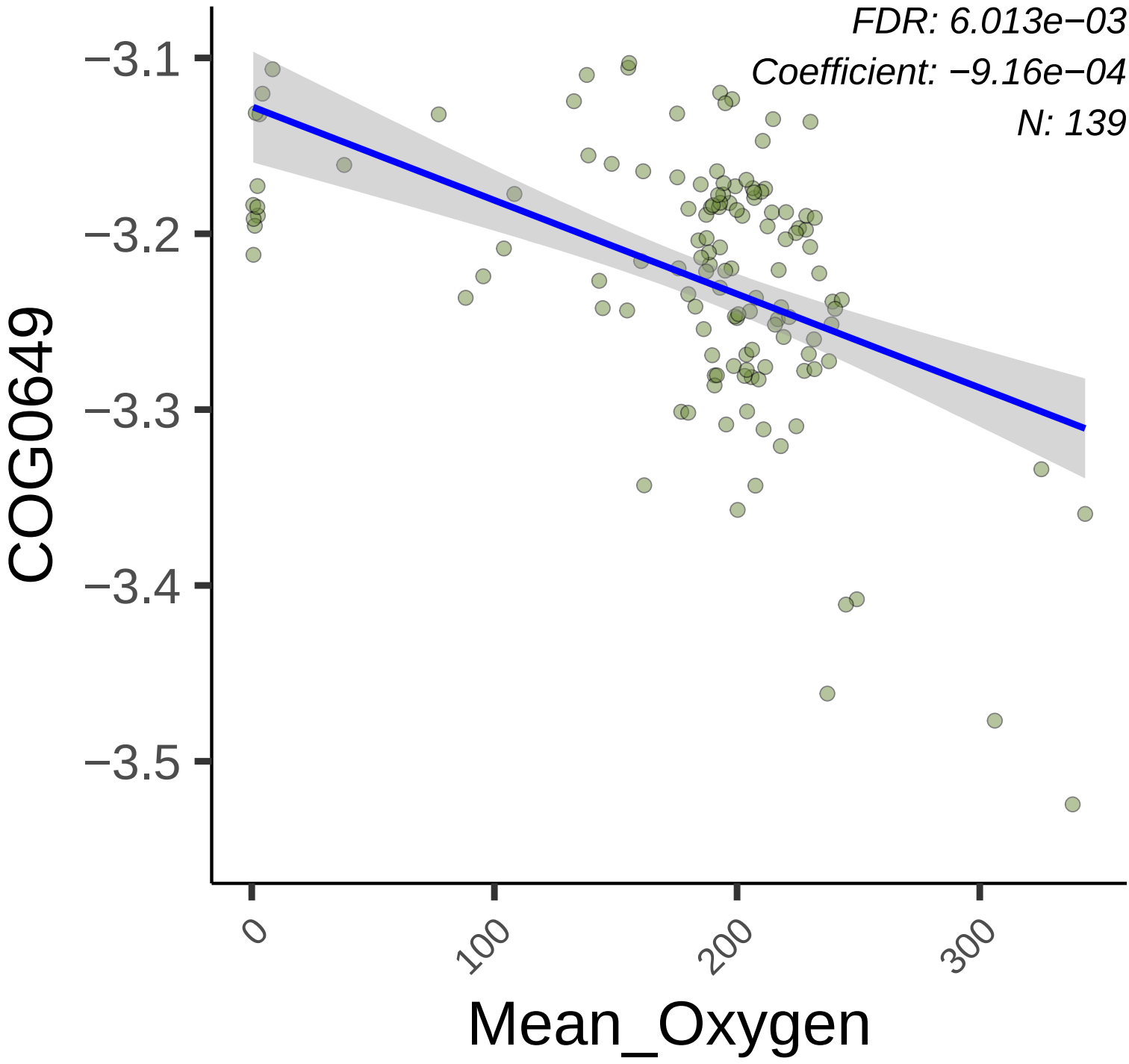
Mean_Oxygen


FDR: 6.013e−03
Coefficient: −9.16e−04
N: 139
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−3.2
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COG0649
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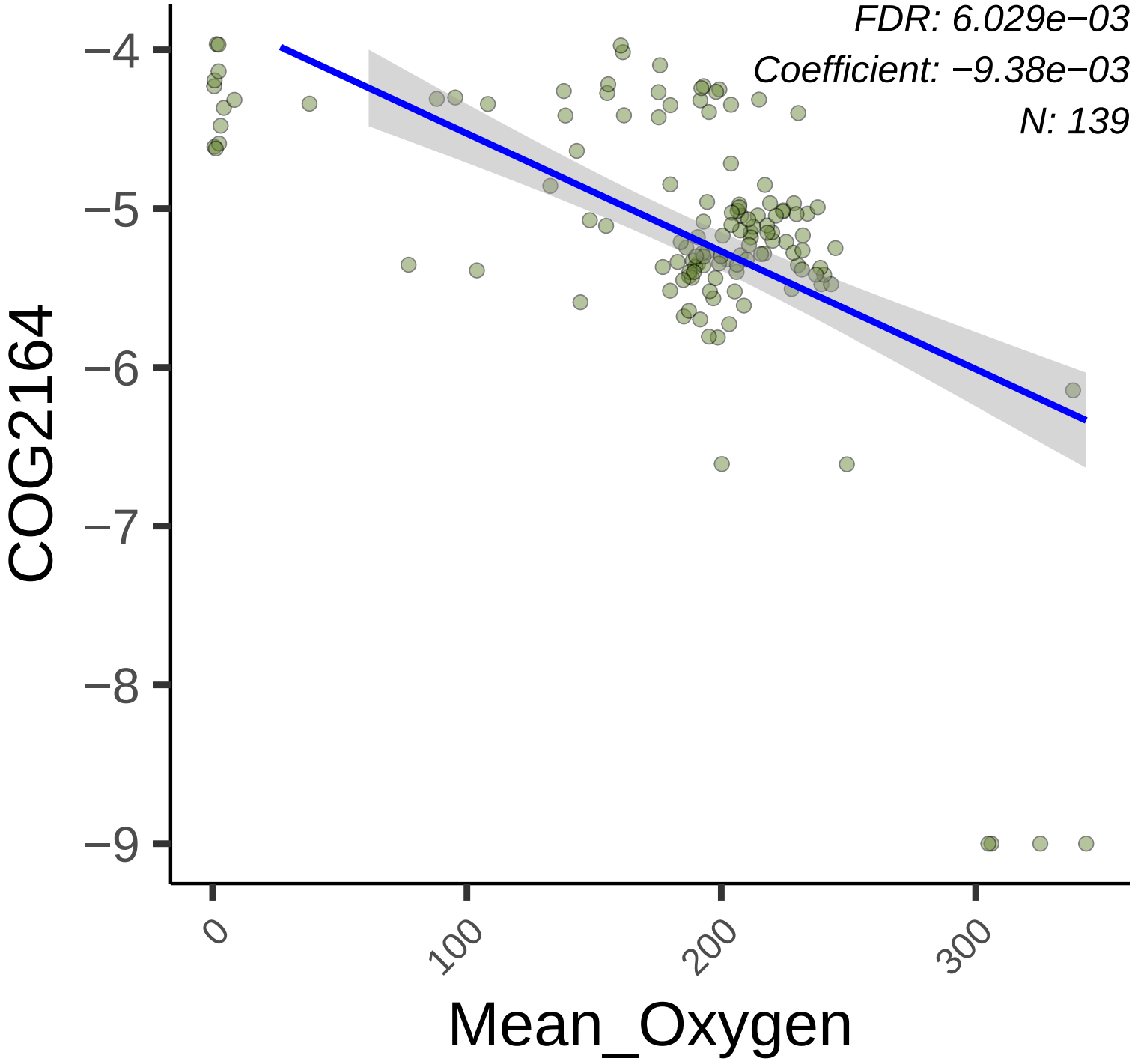
300
Mean_Oxygen


FDR: 6.029e−03
Coefficient: −9.38e−03
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−9
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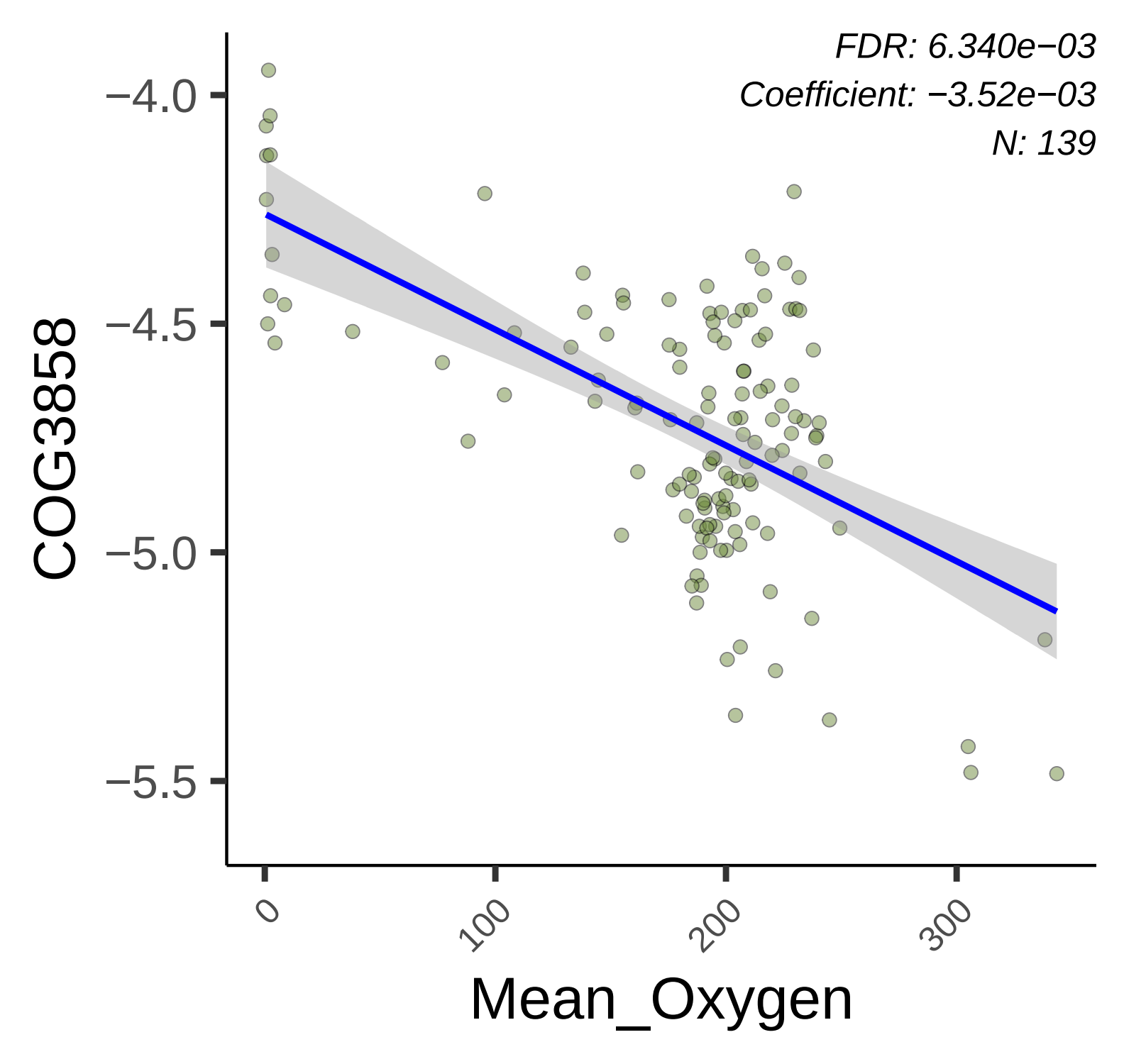
100
200
300
Mean_Oxygen


FDR: 6.340e−03
Coefficient: −3.52e−03
N: 139
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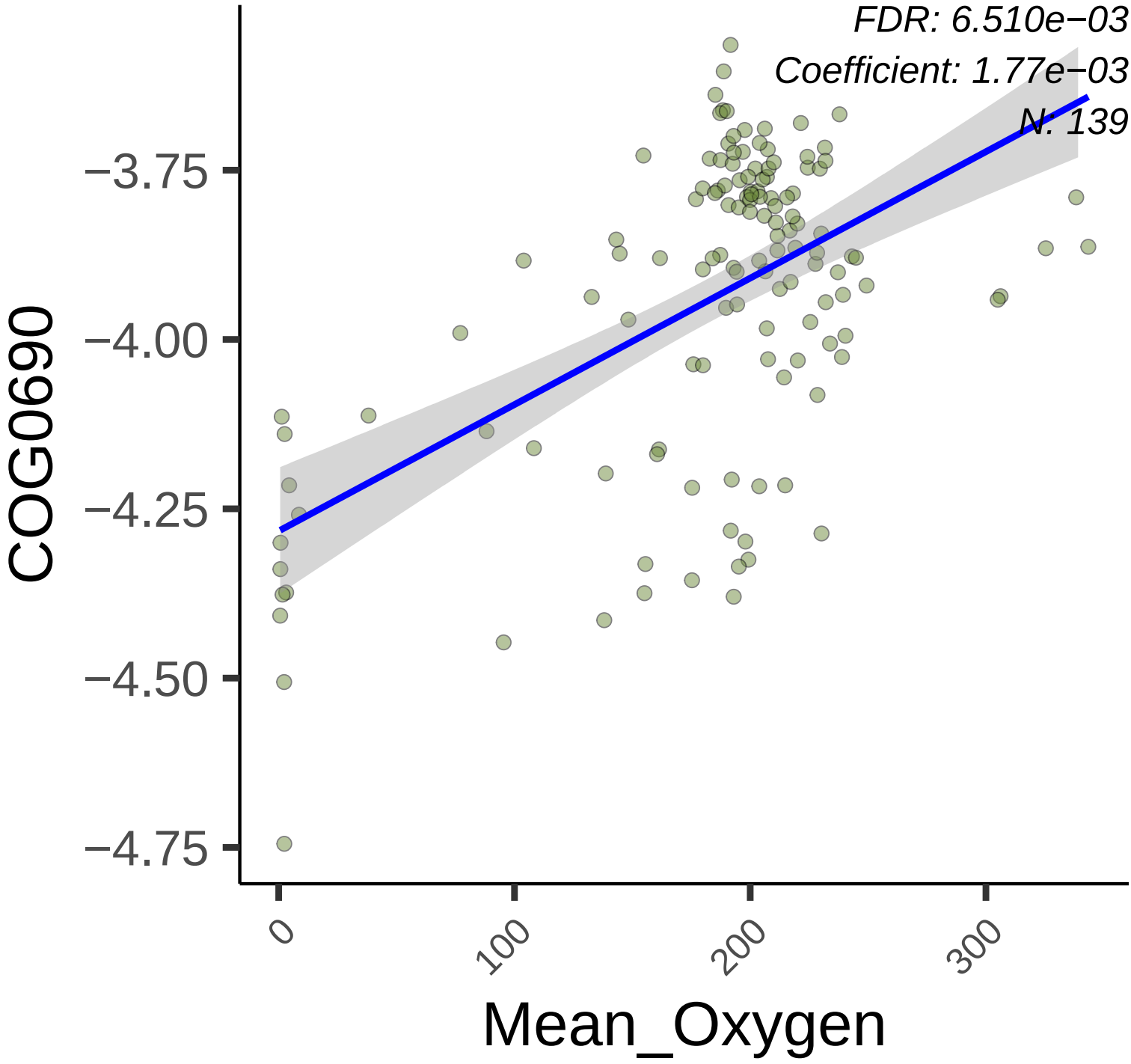
−4.5
−5.0
−5.5
COG3858
0
100
200
300
Mean_Oxygen


FDR: 6.510e−03
Coefficient: 1.77e−03
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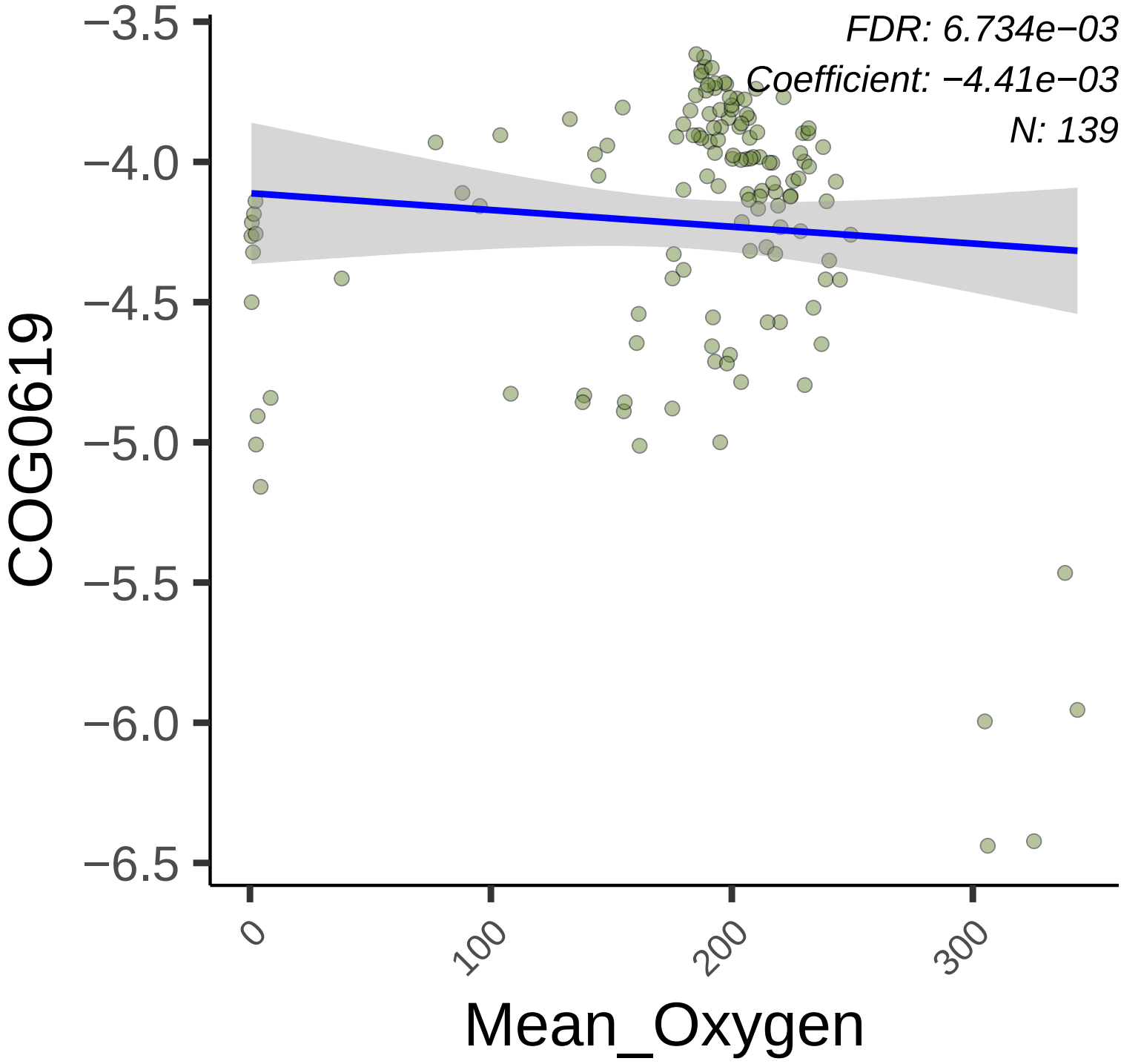
200
300
Mean_Oxygen


FDR: 6.734e−03
Coefficient: −4.41e−03
N: 139
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COG0619
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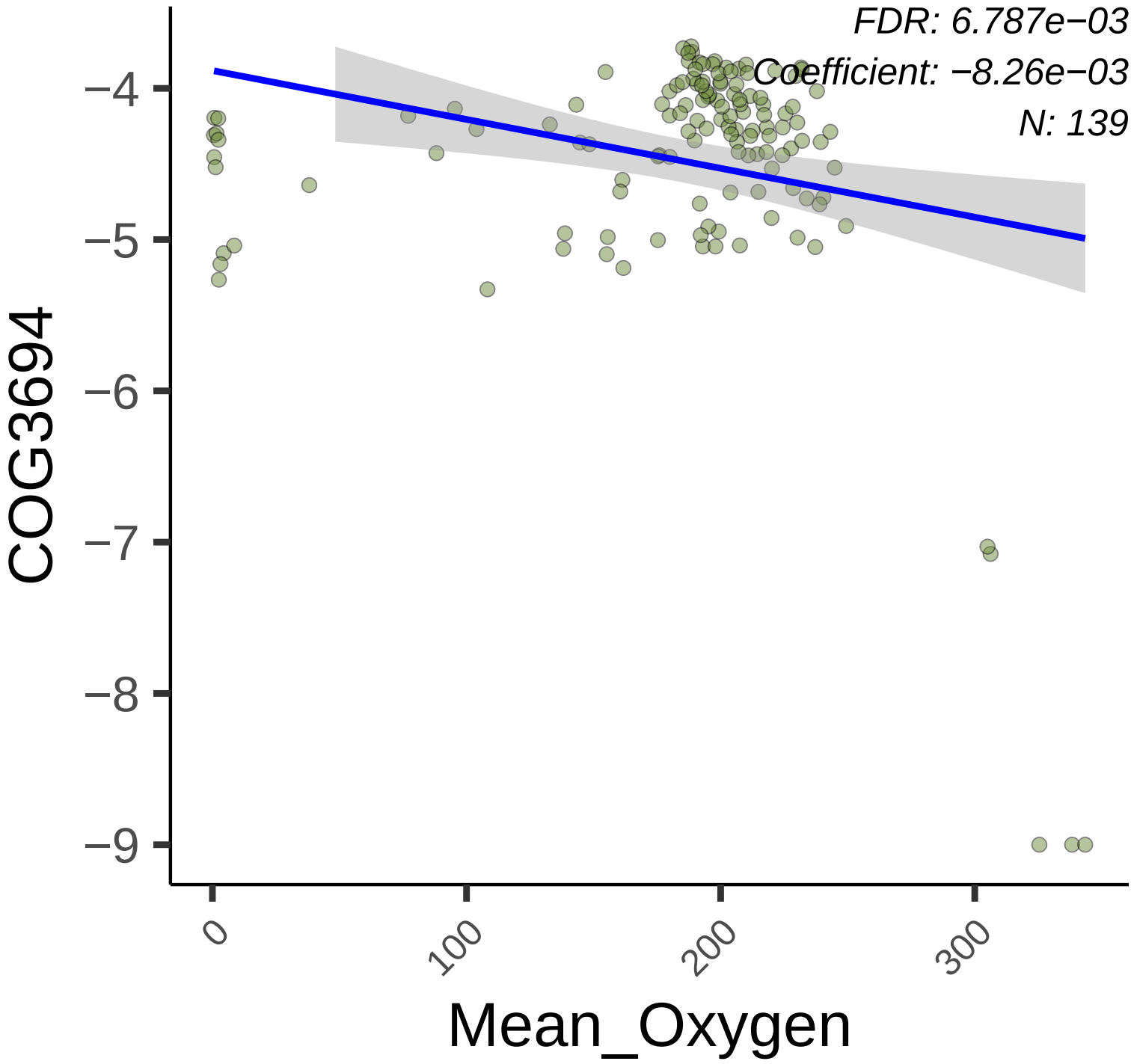
200
300
Mean_Oxygen


FDR: 6.787e−03
Coefficient: −8.26e−03
N: 139
COG3694
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−9
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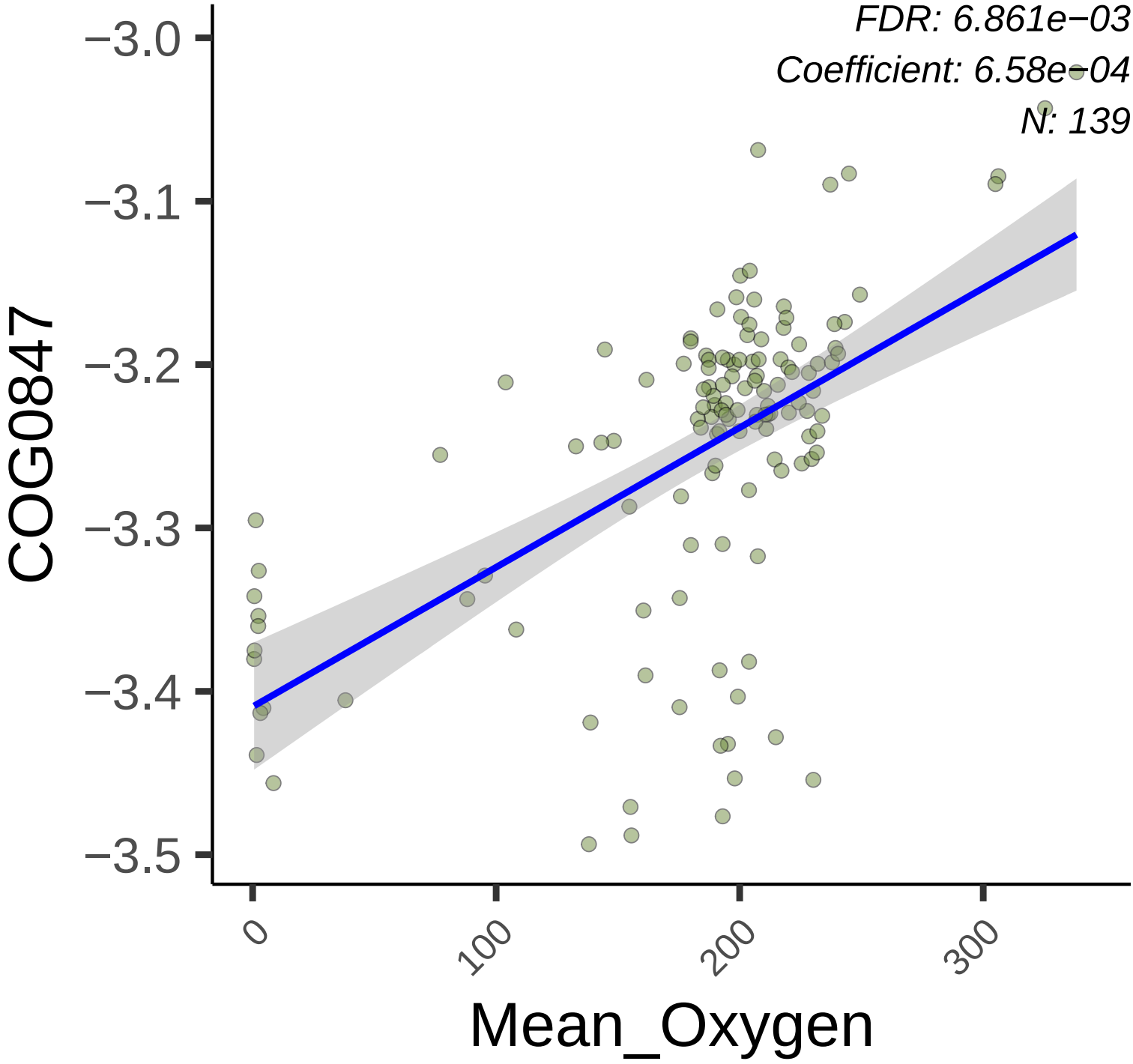
200
300
Mean_Oxygen


FDR: 6.861e−03
Coefficient: 6.58e−04
N: 139
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−3.5
COG0847
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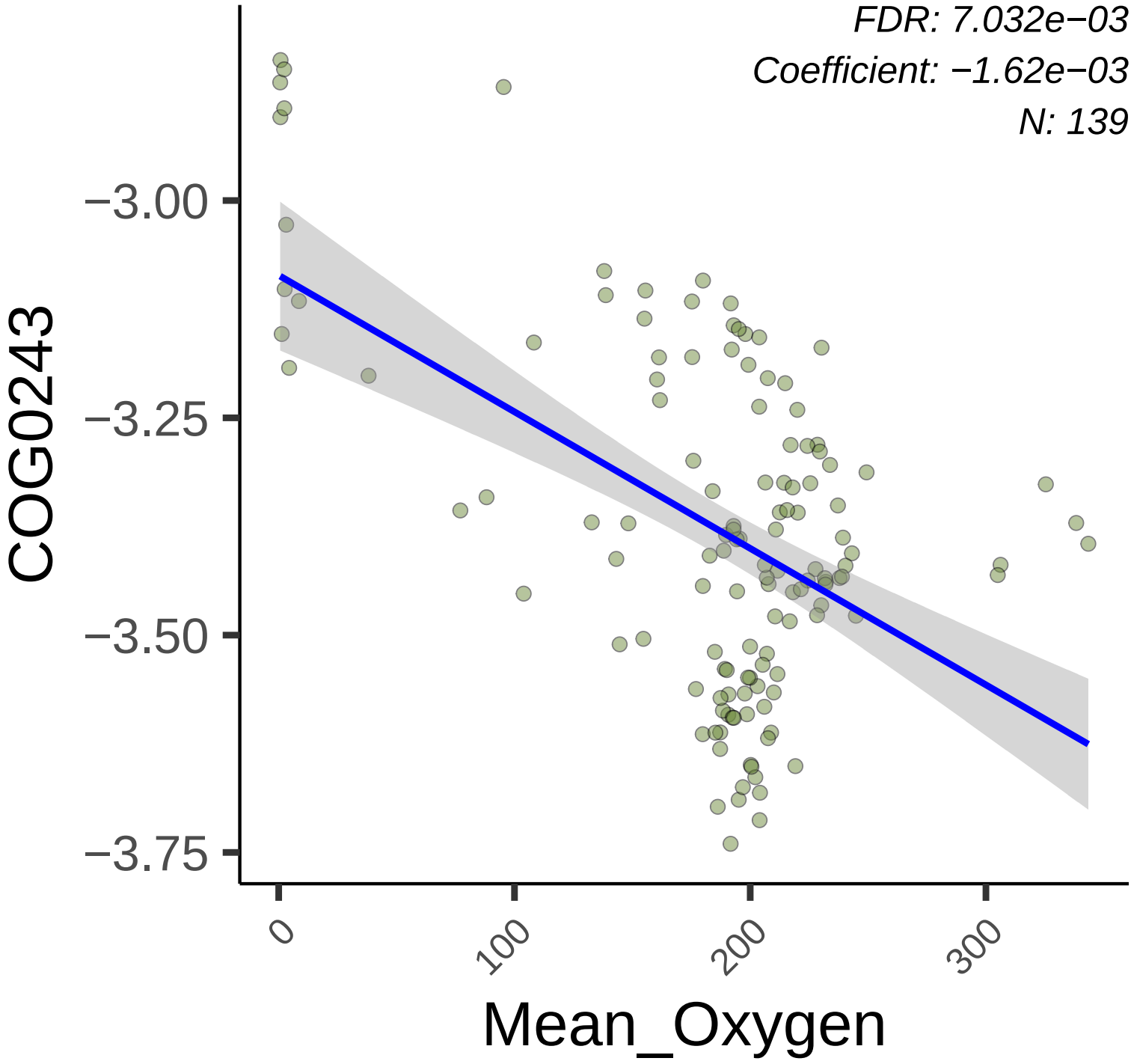
100
200
300
Mean_Oxygen


FDR: 7.032e−03
Coefficient: −1.62e−03
N: 139
COG0243
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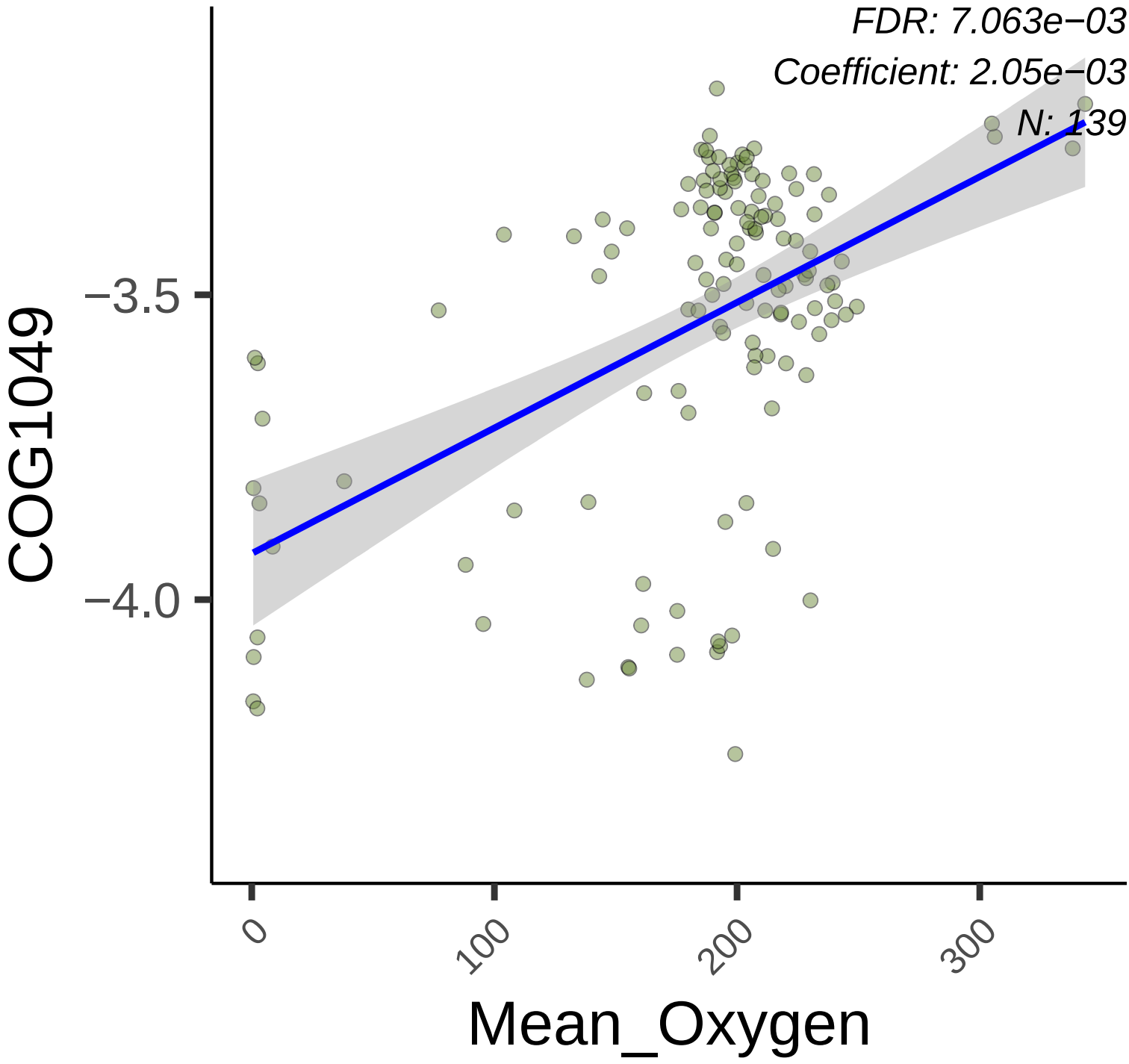
Mean_Oxygen


FDR: 7.063e−03
Coefficient: 2.05e−03
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COG1049
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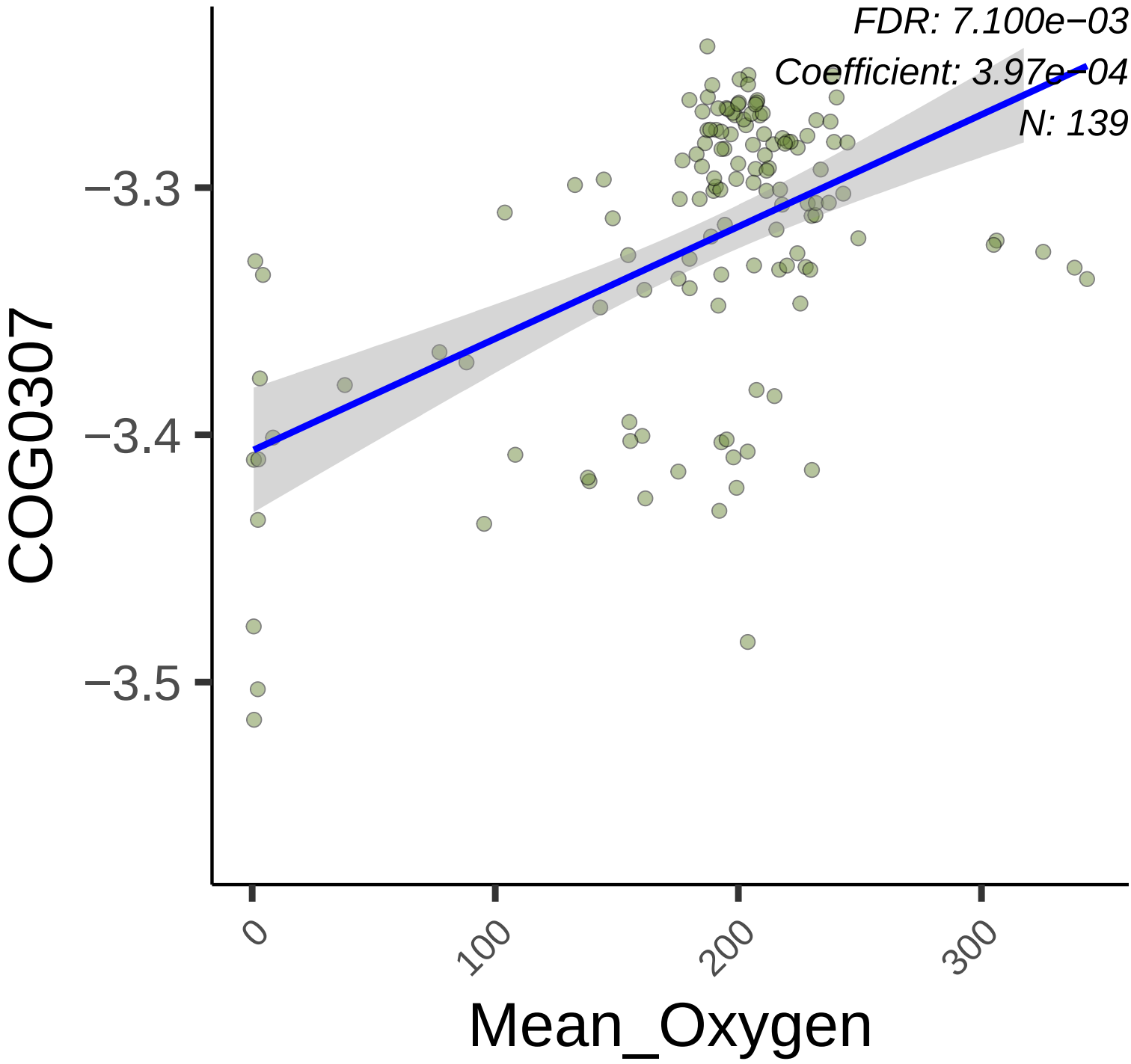
Mean_Oxygen


FDR: 7.100e−03
Coefficient: 3.97e−04
N: 139
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COG0307
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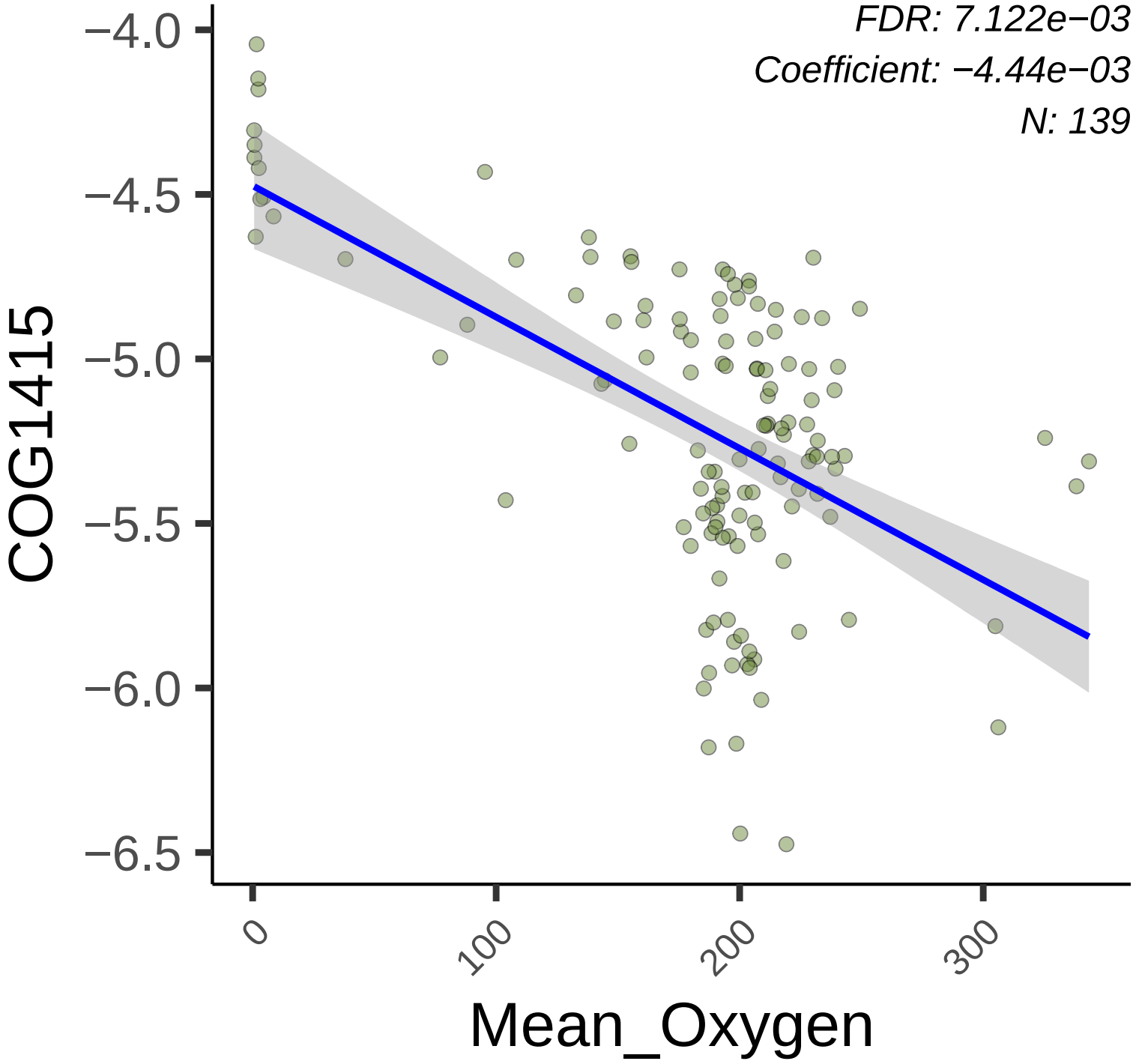
Mean_Oxygen


FDR: 7.122e−03
Coefficient: −4.44e−03
N: 139
COG1415
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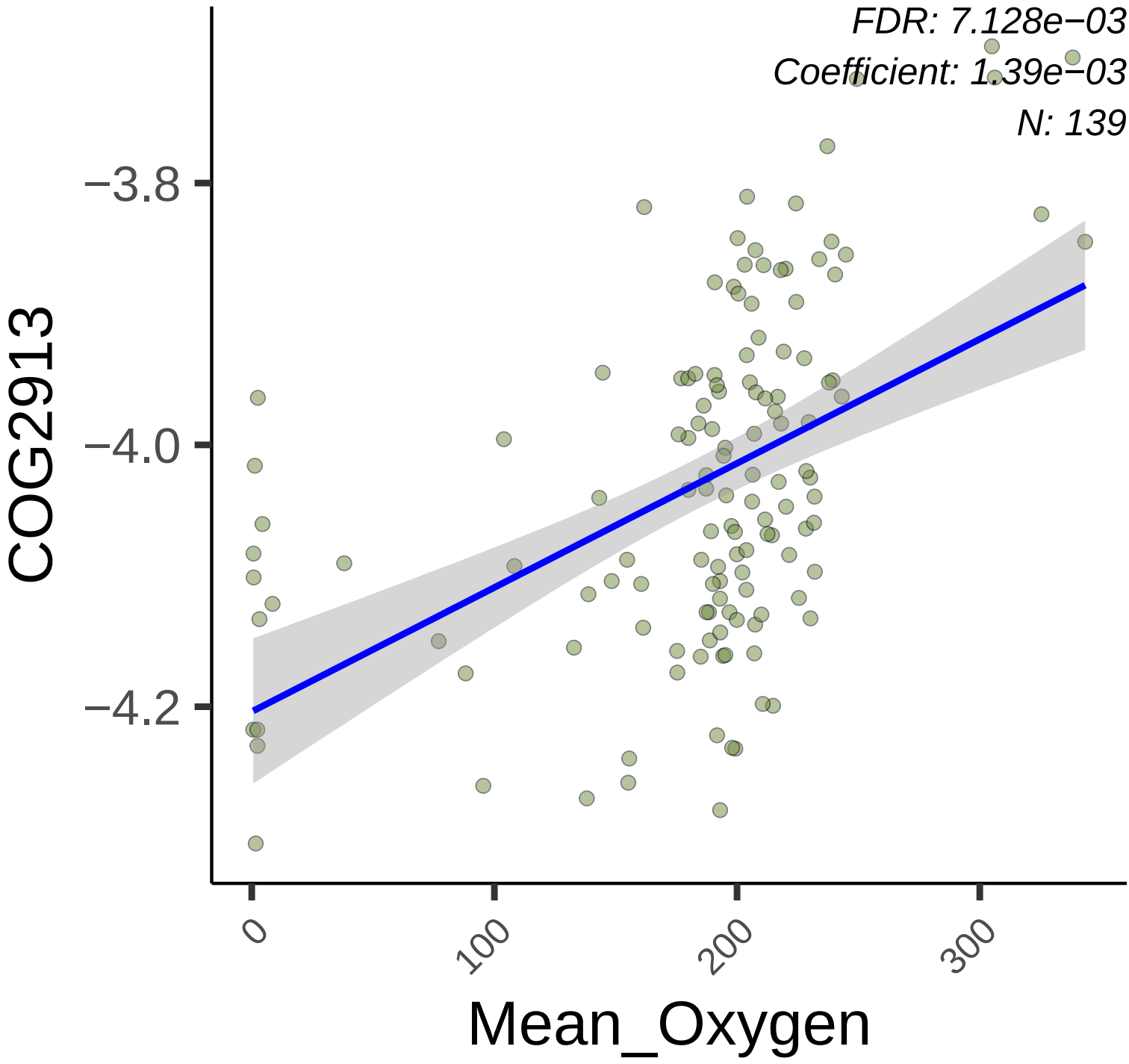
300
Mean_Oxygen


FDR: 7.128e−03
Coefficient: 1.39e−03
N: 139
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COG2913
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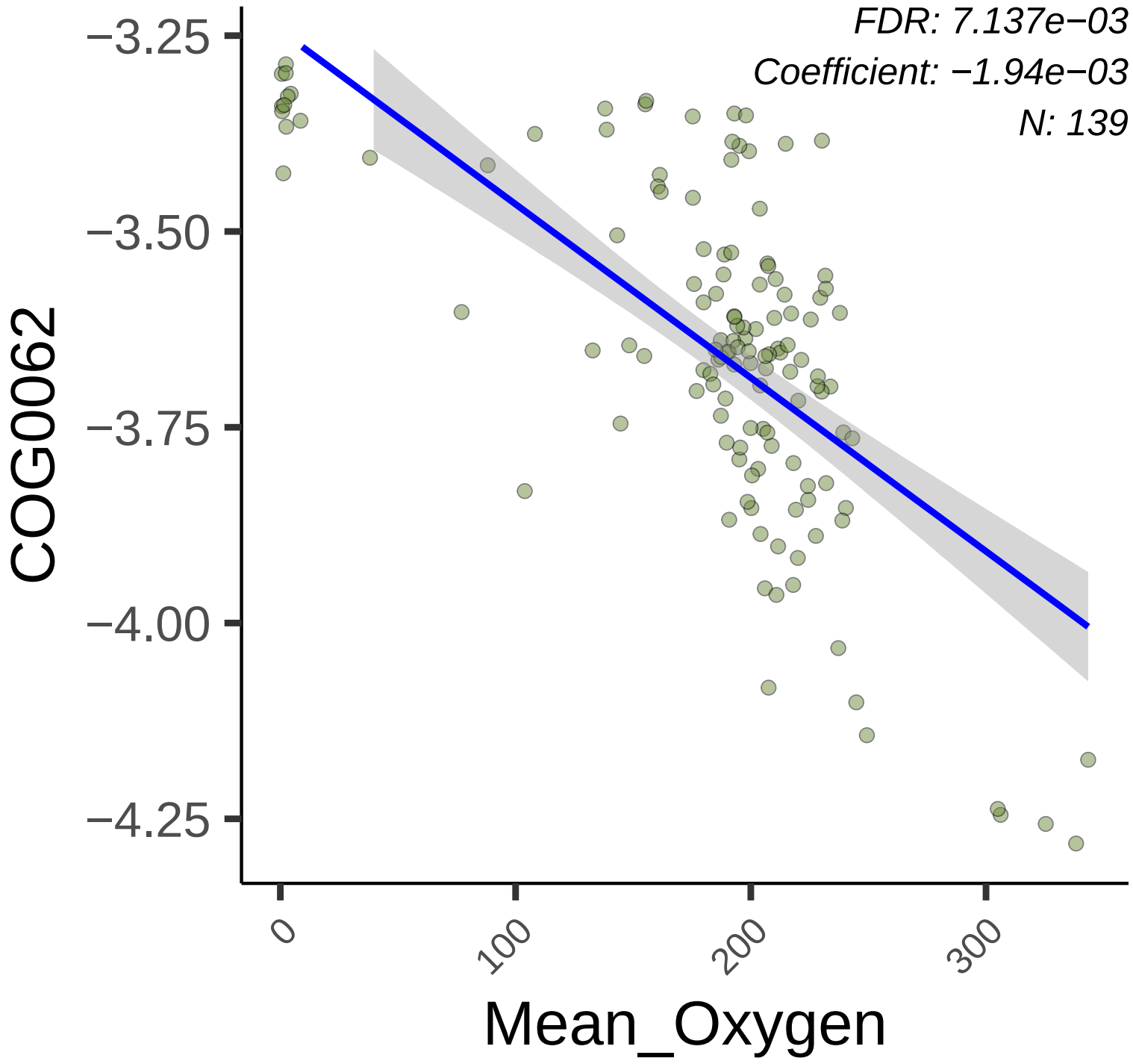
Mean_Oxygen


FDR: 7.137e−03
Coefficient: −1.94e−03
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COG0062
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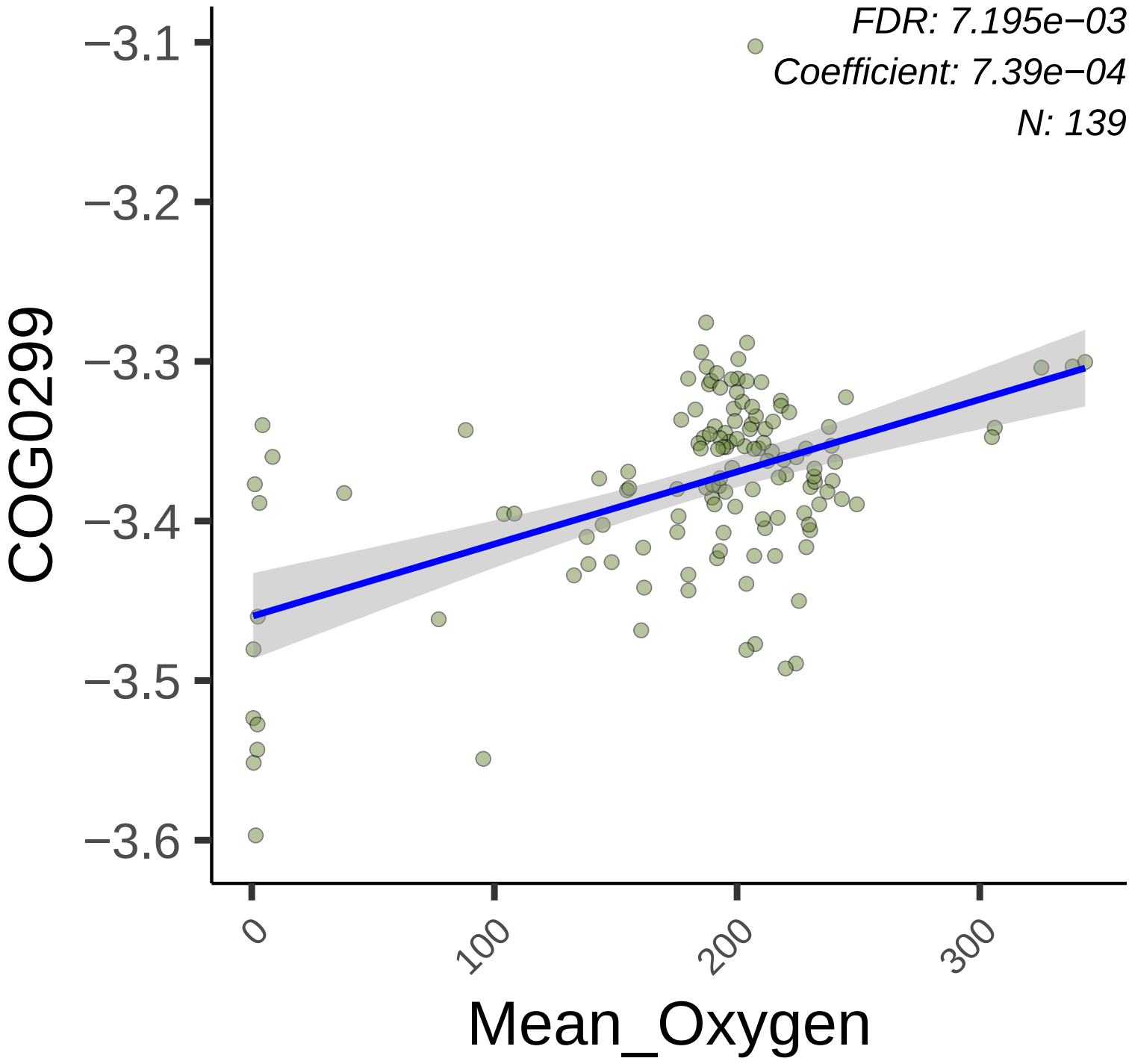
300
Mean_Oxygen


FDR: 7.195e−03
Coefficient: 7.39e−04
N: 139
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COG0299
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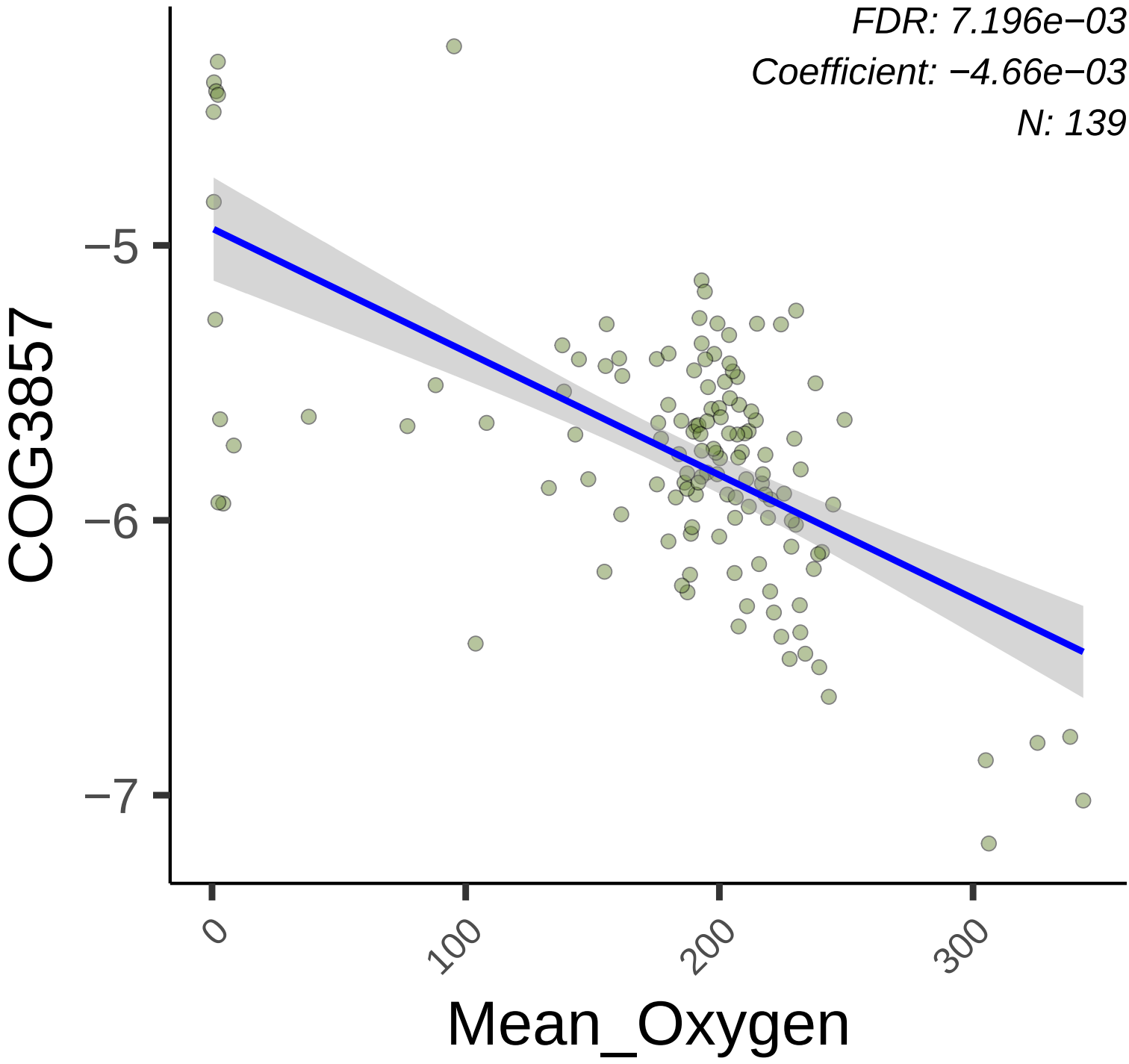
300
Mean_Oxygen


FDR: 7.196e−03
Coefficient: −4.66e−03
N: 139
COG3857
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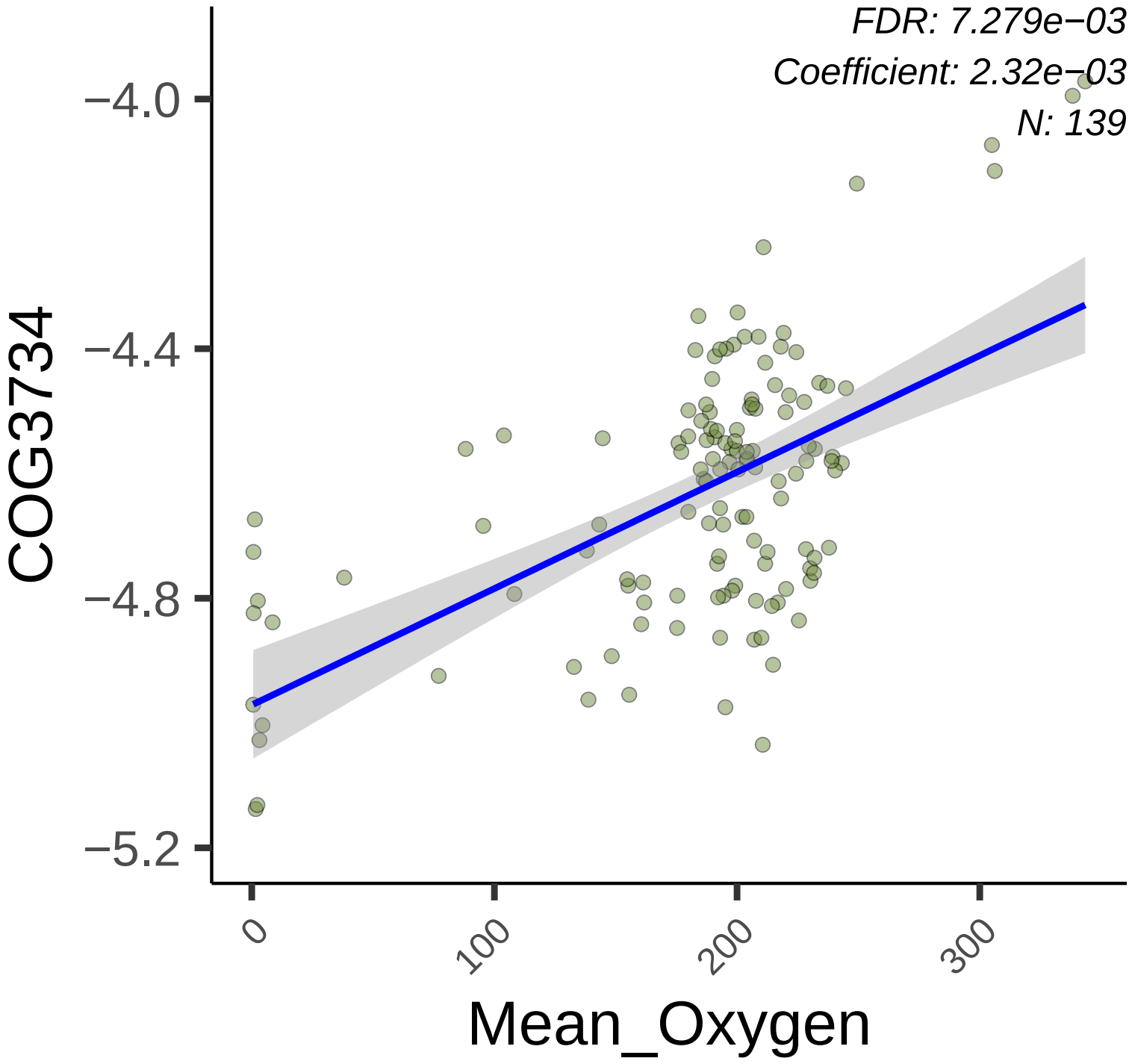
Mean_Oxygen


FDR: 7.279e−03
Coefficient: 2.32e−03
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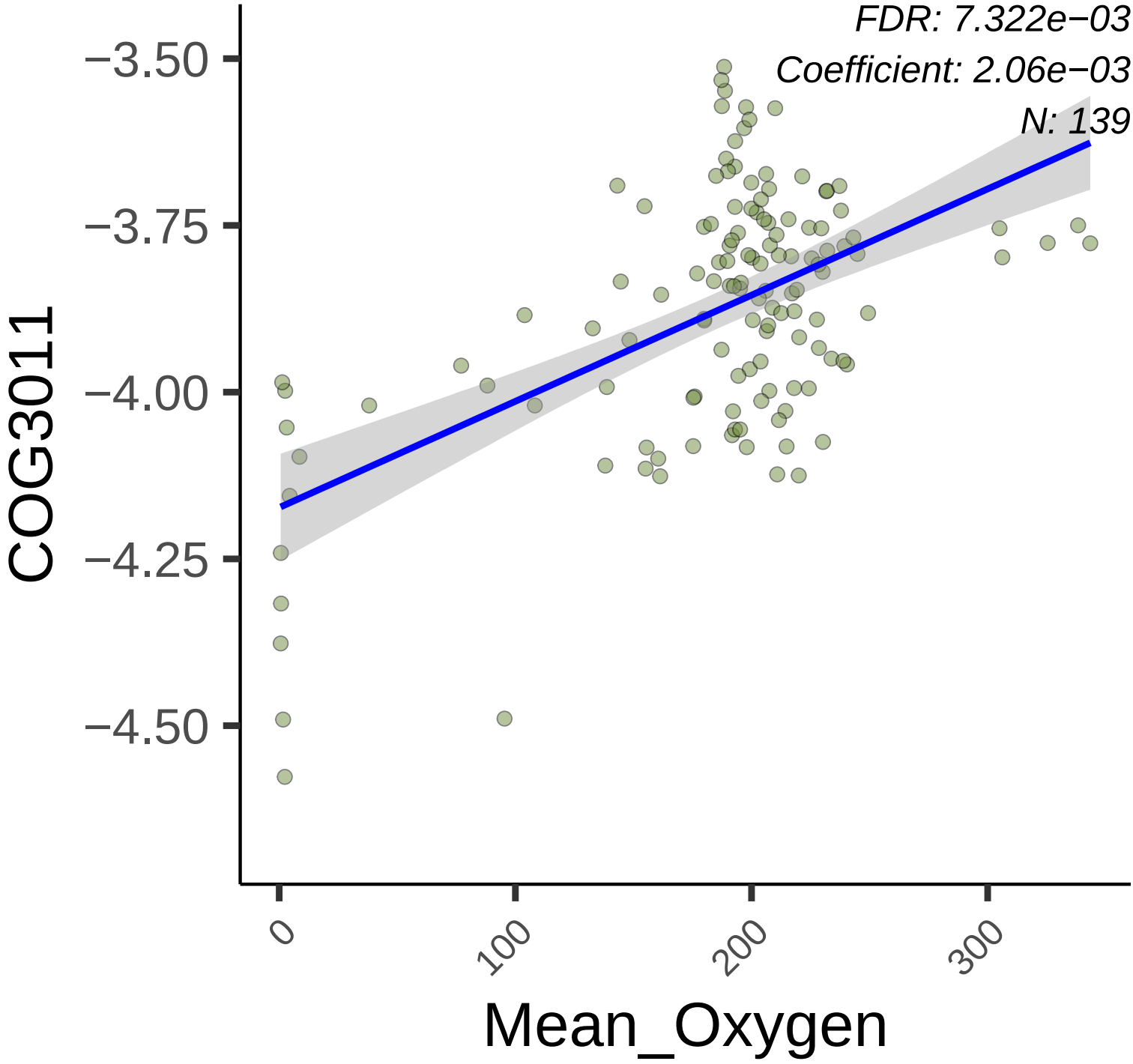
Mean_Oxygen


FDR: 7.322e−03
Coefficient: 2.06e−03
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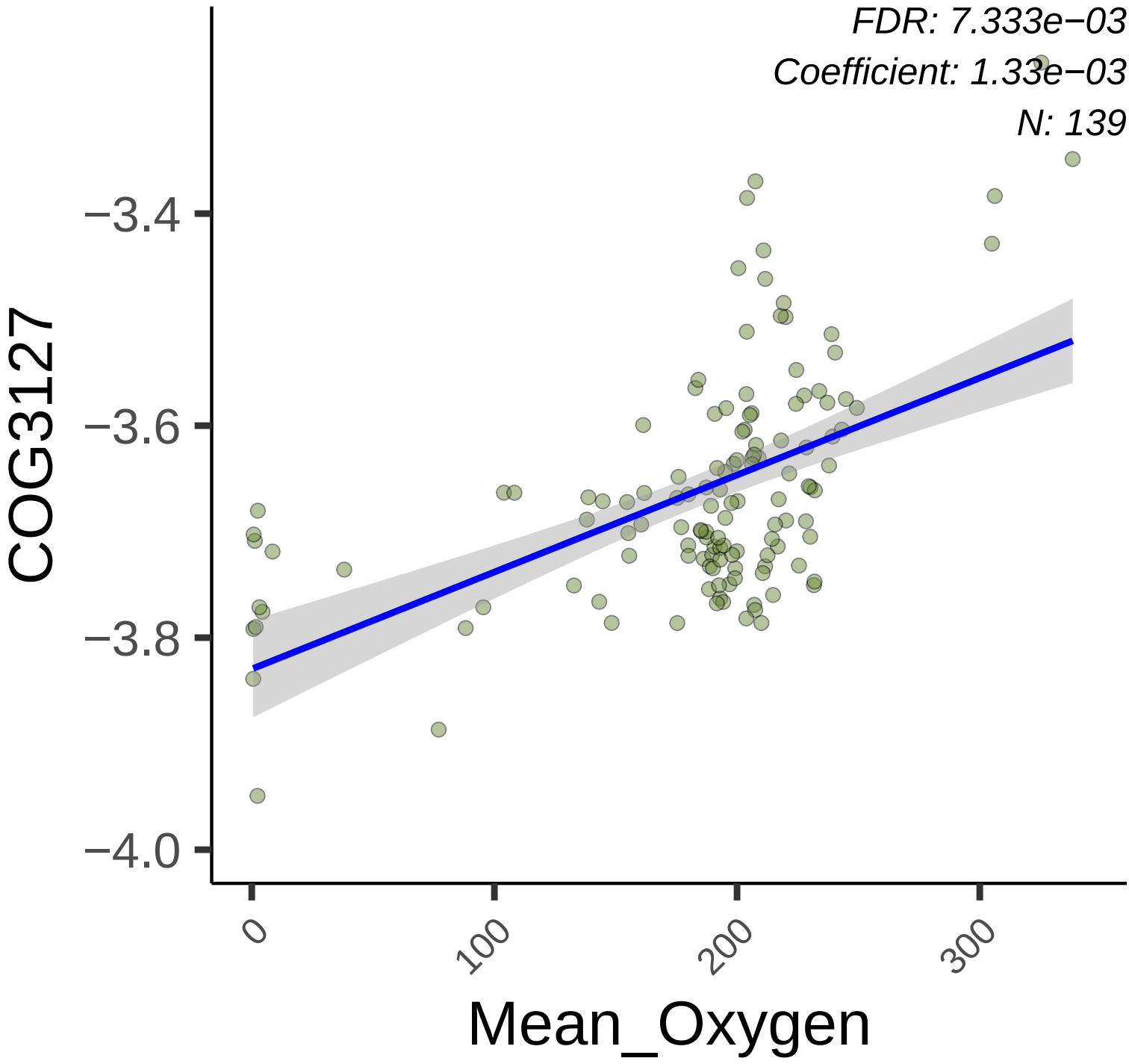
Mean_Oxygen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Coefficient: 1.33e−03
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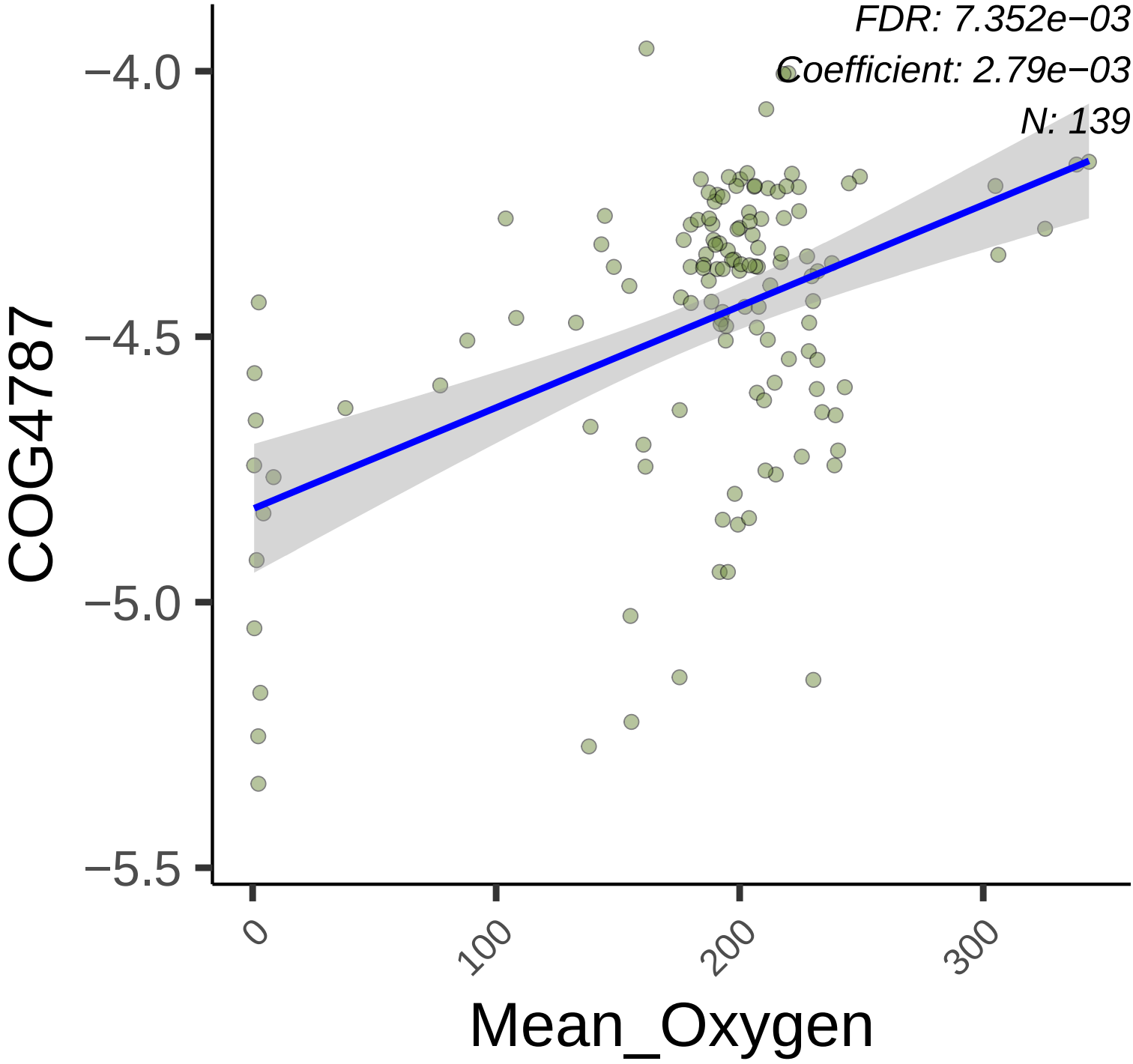
Mean_Oxygen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Coefficient: 2.79e−03
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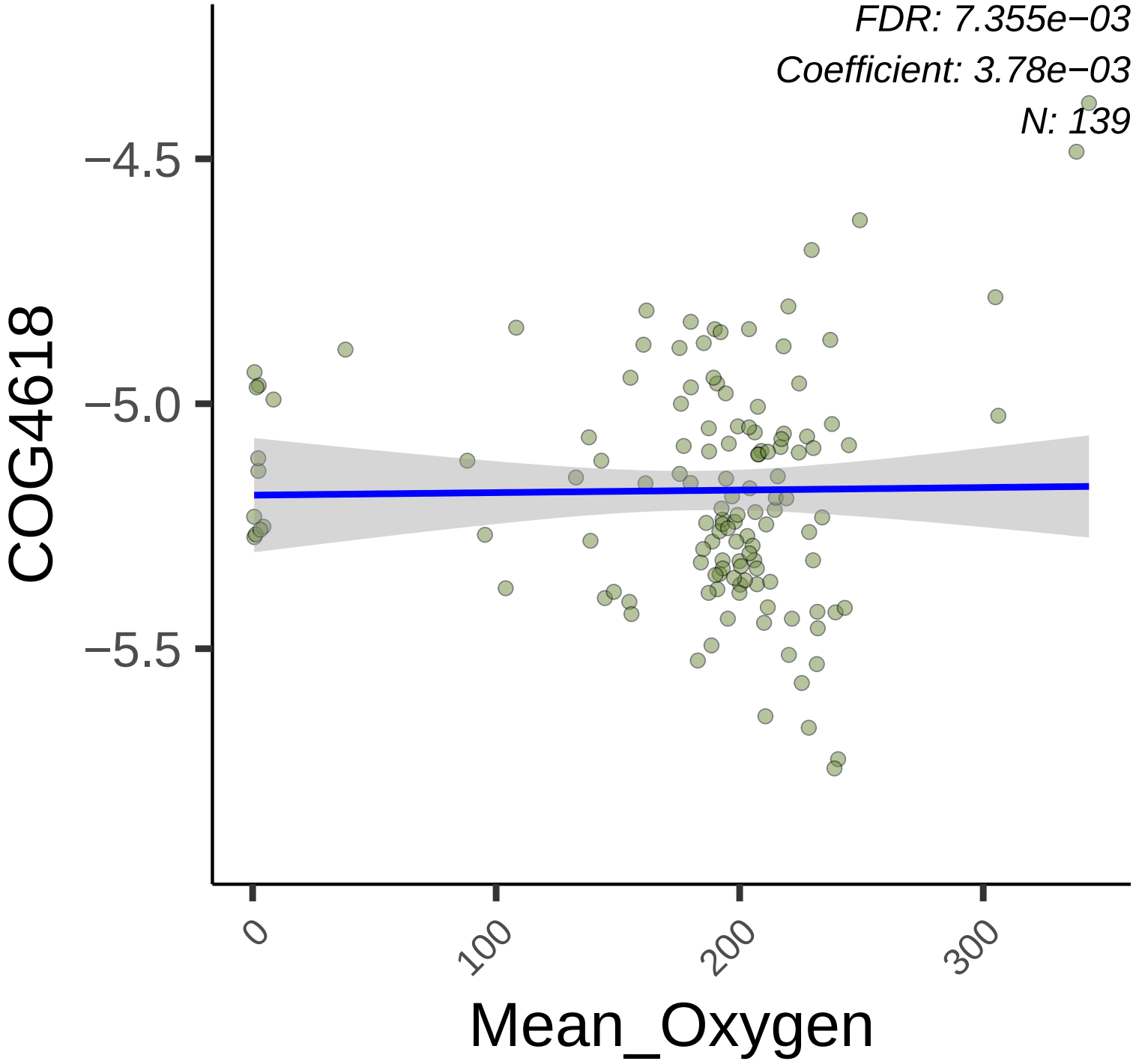
200
300
Mean_Oxygen


FDR: 7.355e−03
Coefficient: 3.78e−03
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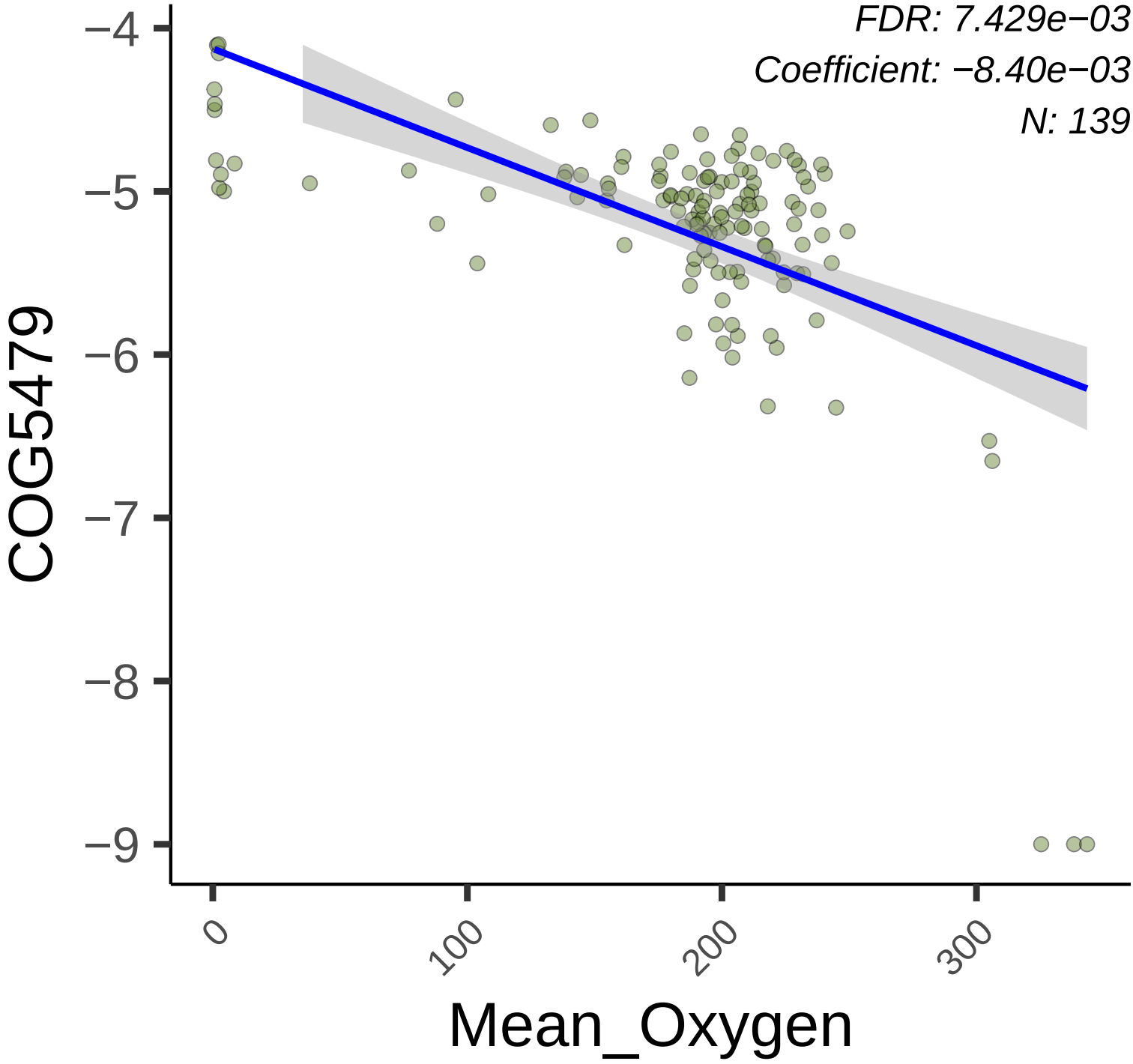
300
Mean_Oxygen


FDR: 7.429e−03
Coefficient: −8.40e−03
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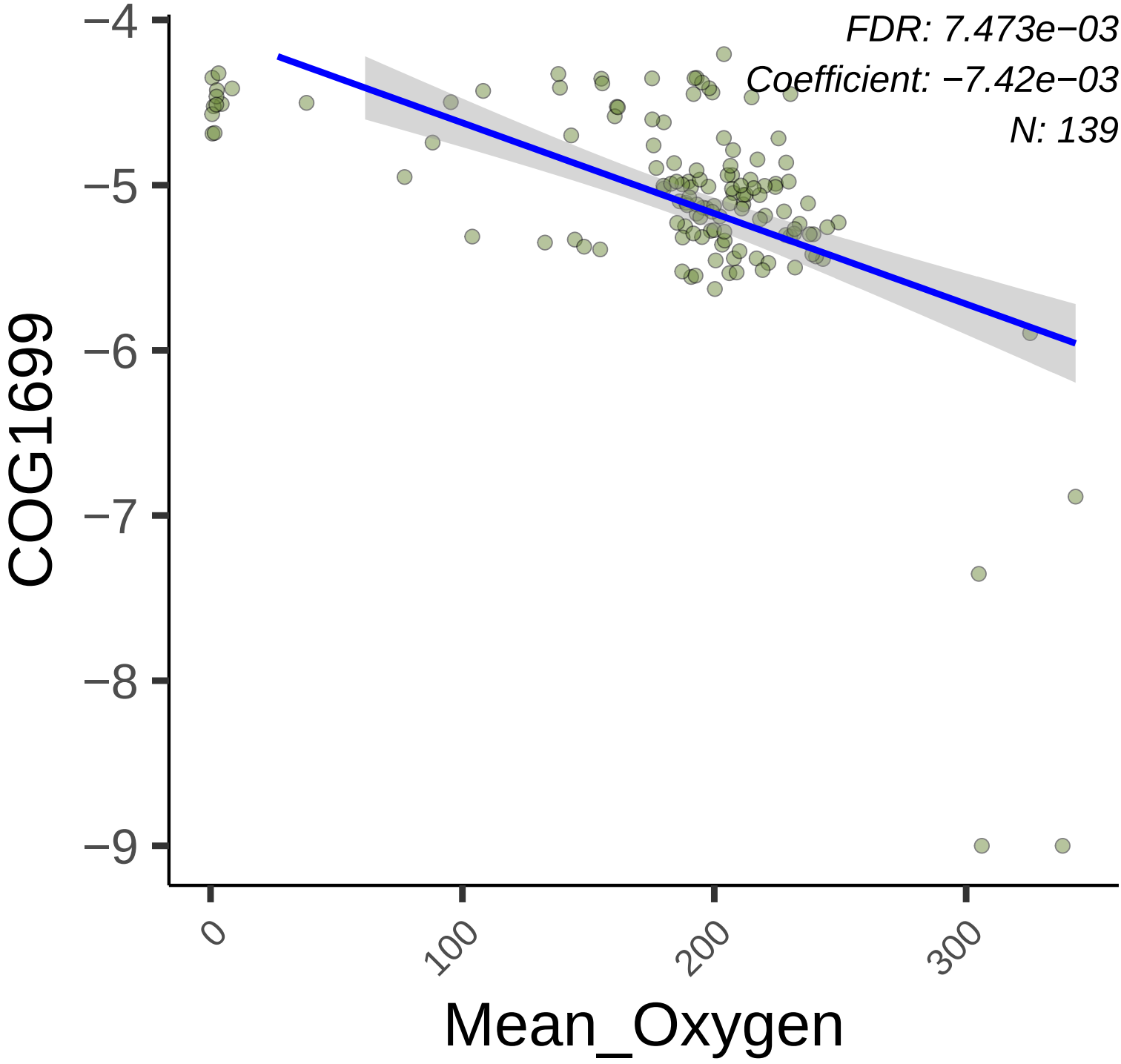
300
Mean_Oxygen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Coefficient: −7.42e−03
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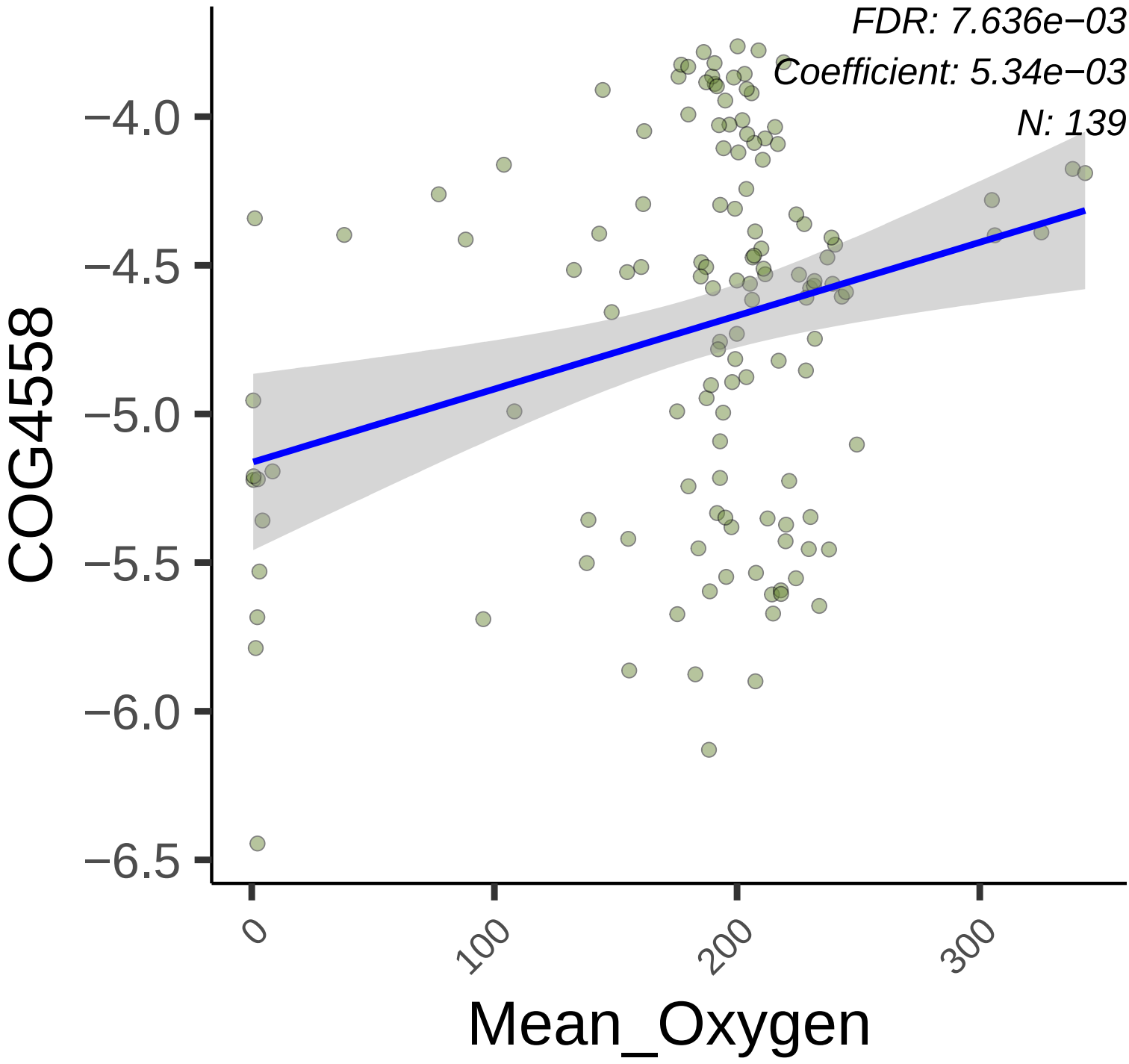
300
Mean_Oxygen


FDR: 7.636e−03
Coefficient: 5.34e−03
N: 139
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COG4558
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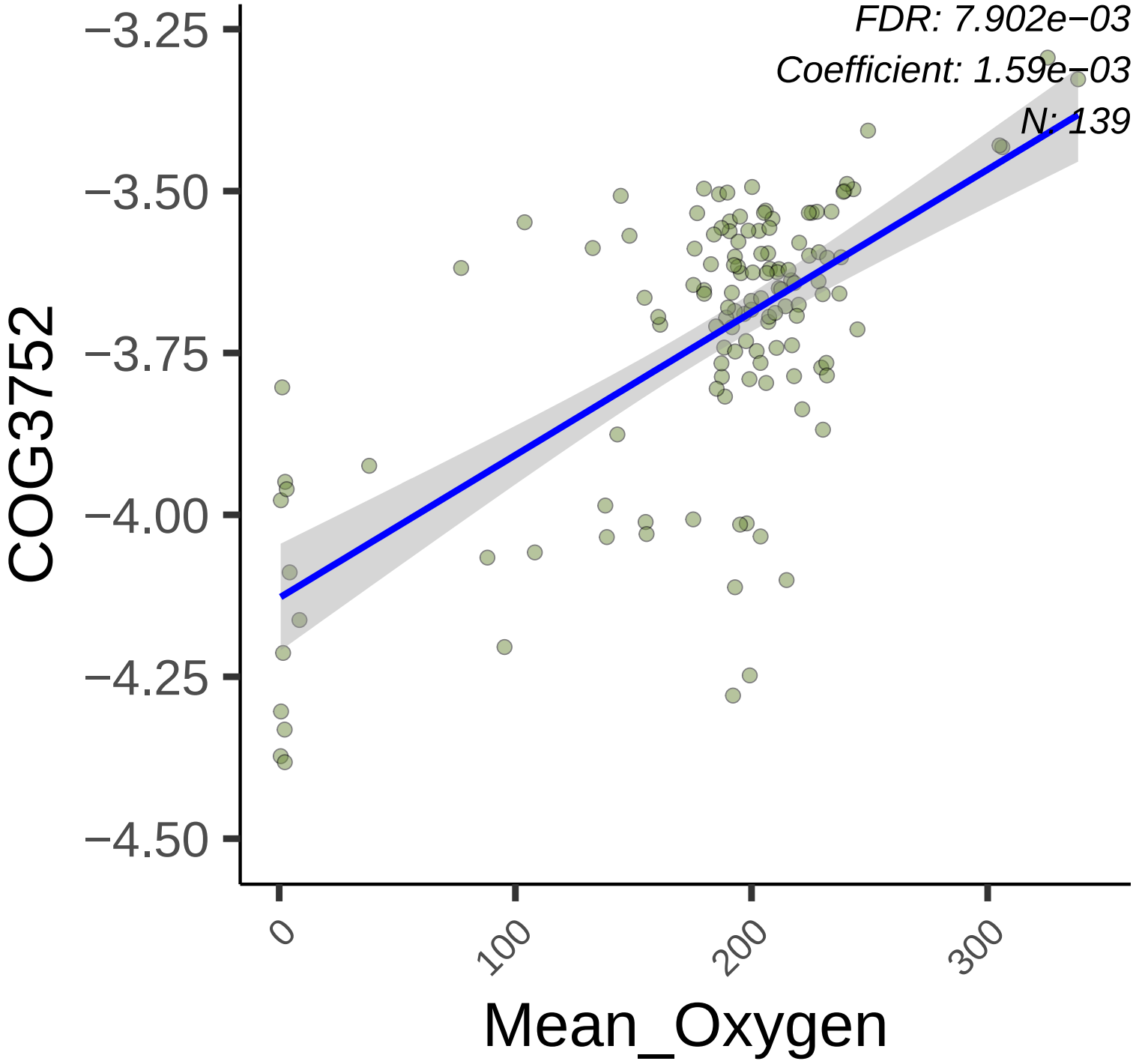
100
200
300
Mean_Oxygen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Coefficient: 1.59e−03
N: 139
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COG3752
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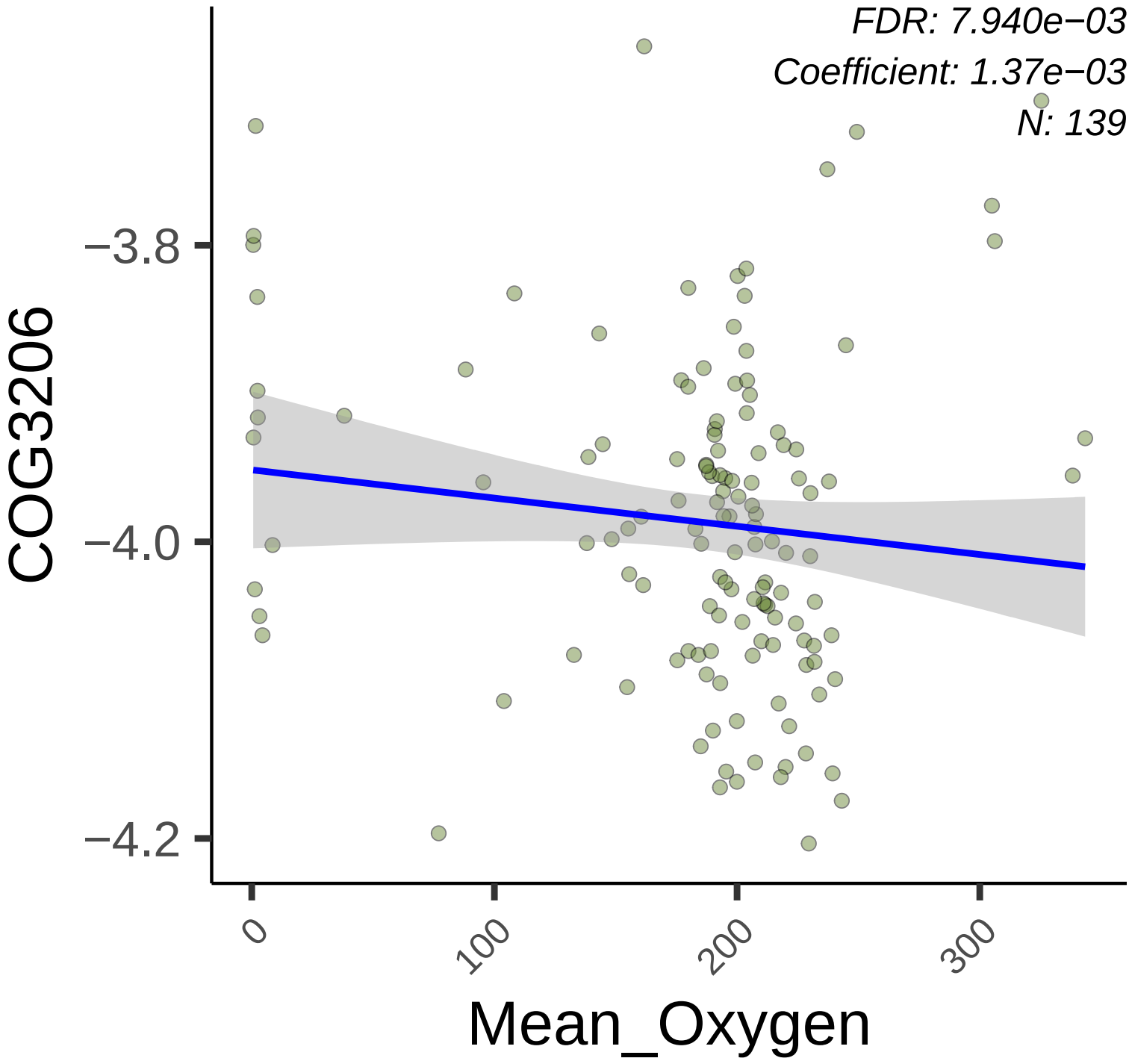
200
300
Mean_Oxygen


FDR: 7.940e−03
Coefficient: 1.37e−03
N: 139
COG3206
−3.8
−4.0
−4.2
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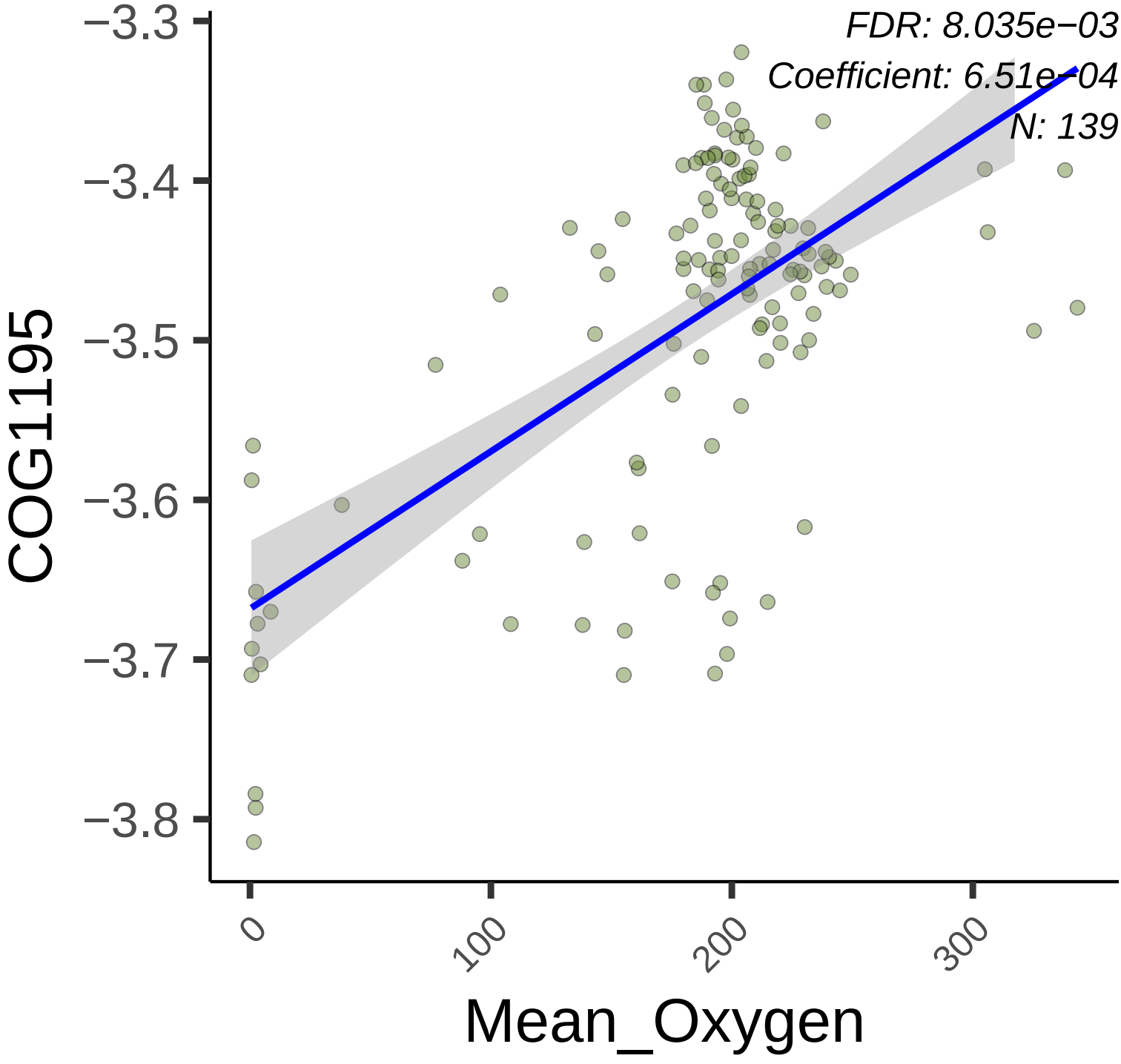
100
200
300
Mean_Oxygen


FDR: 8.035e−03
Coefficient: 6.51e−04
N: 139
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COG1195
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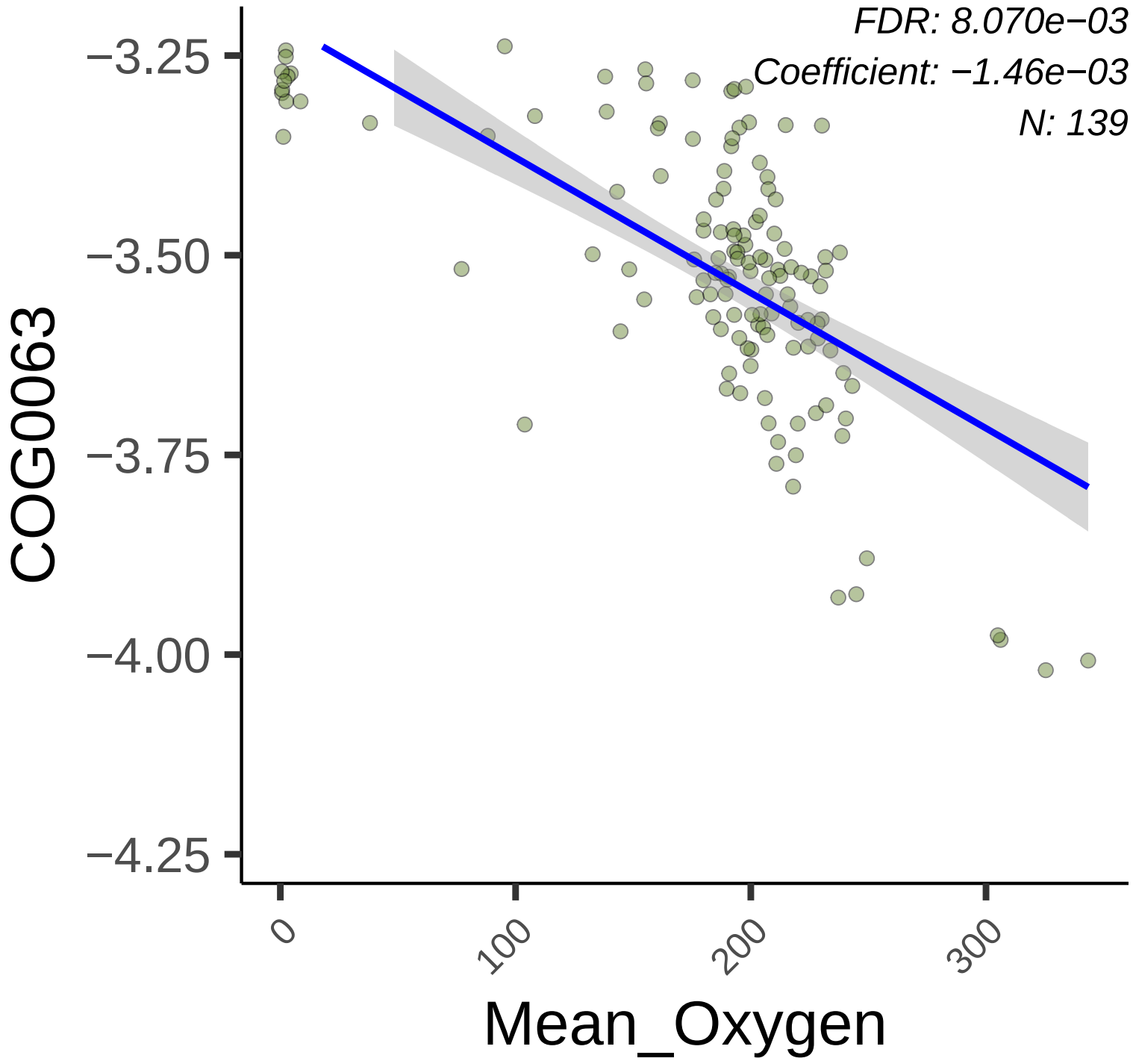
Mean_Oxygen


FDR: 8.070e−03
Coefficient: −1.46e−03
N: 139
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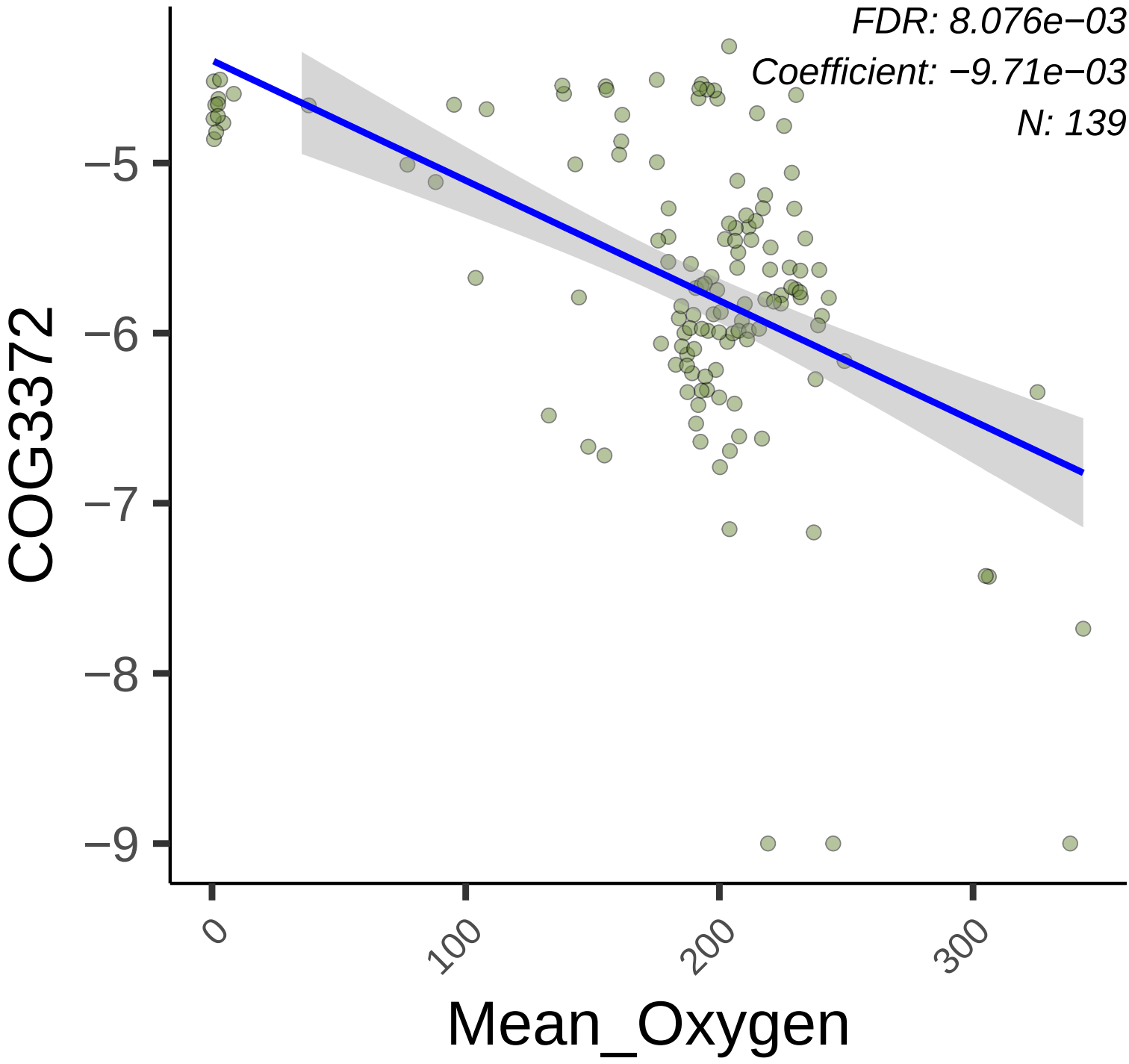
FDR: 8.076e−03
Coefficient: −9.71e−03
N: 139
COG3372
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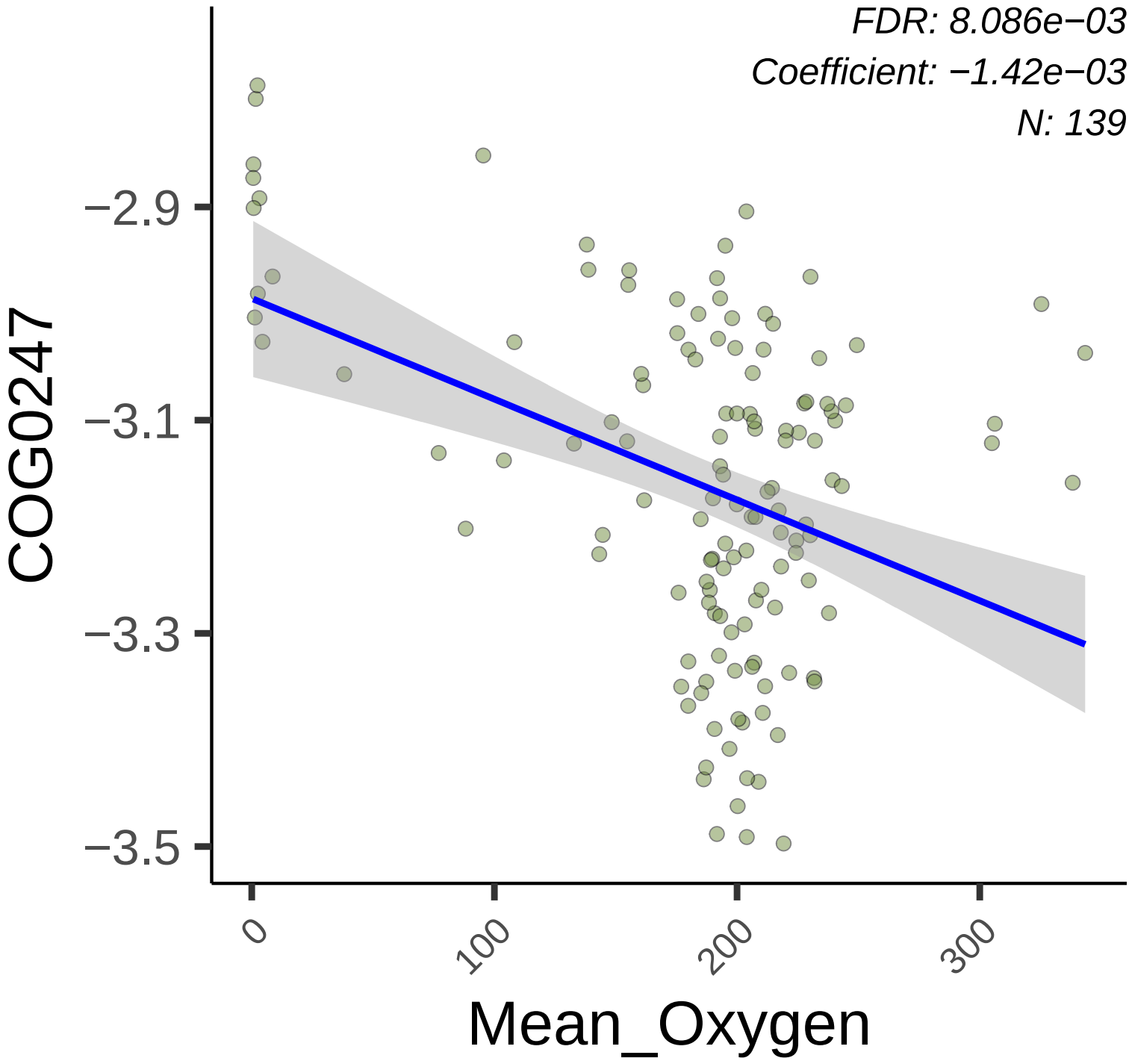
Mean_Oxygen


FDR: 8.086e−03
Coefficient: −1.42e−03
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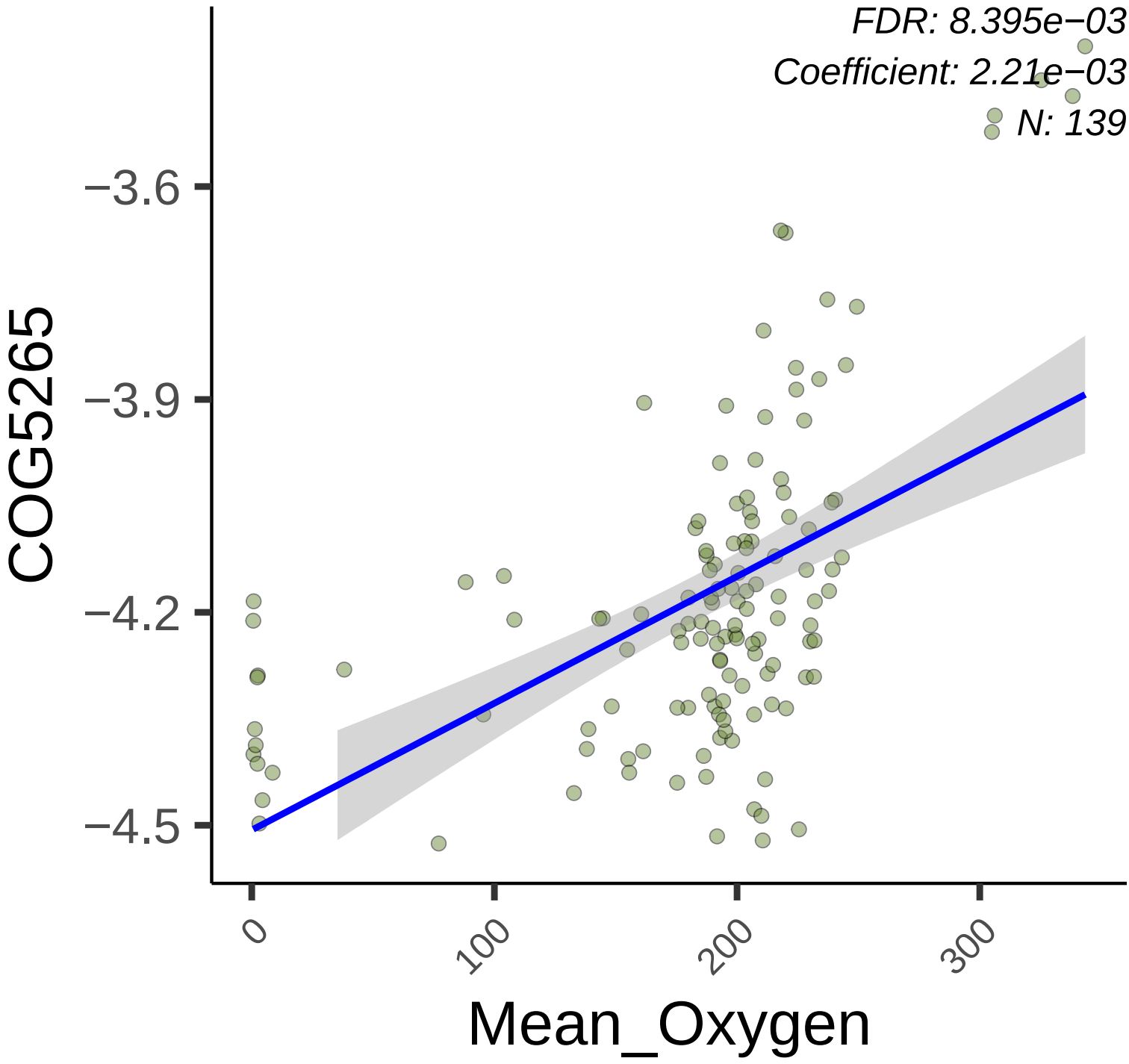
Mean_Oxygen


FDR: 8.395e−03
Coefficient: 2.21e−03
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COG5265
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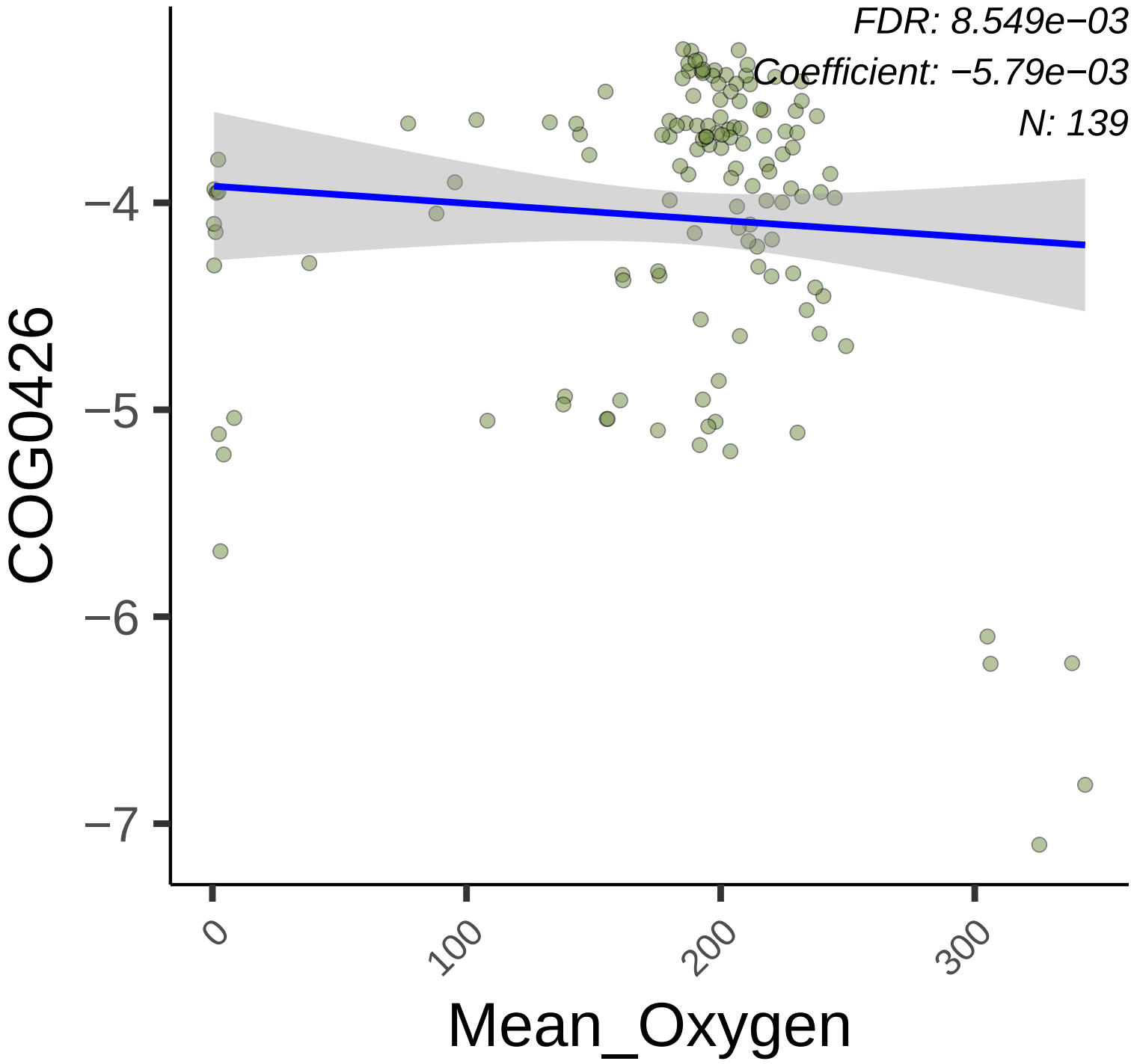
Mean_Oxygen


FDR: 8.549e−03
Coefficient: −5.79e−03
N: 139
COG0426
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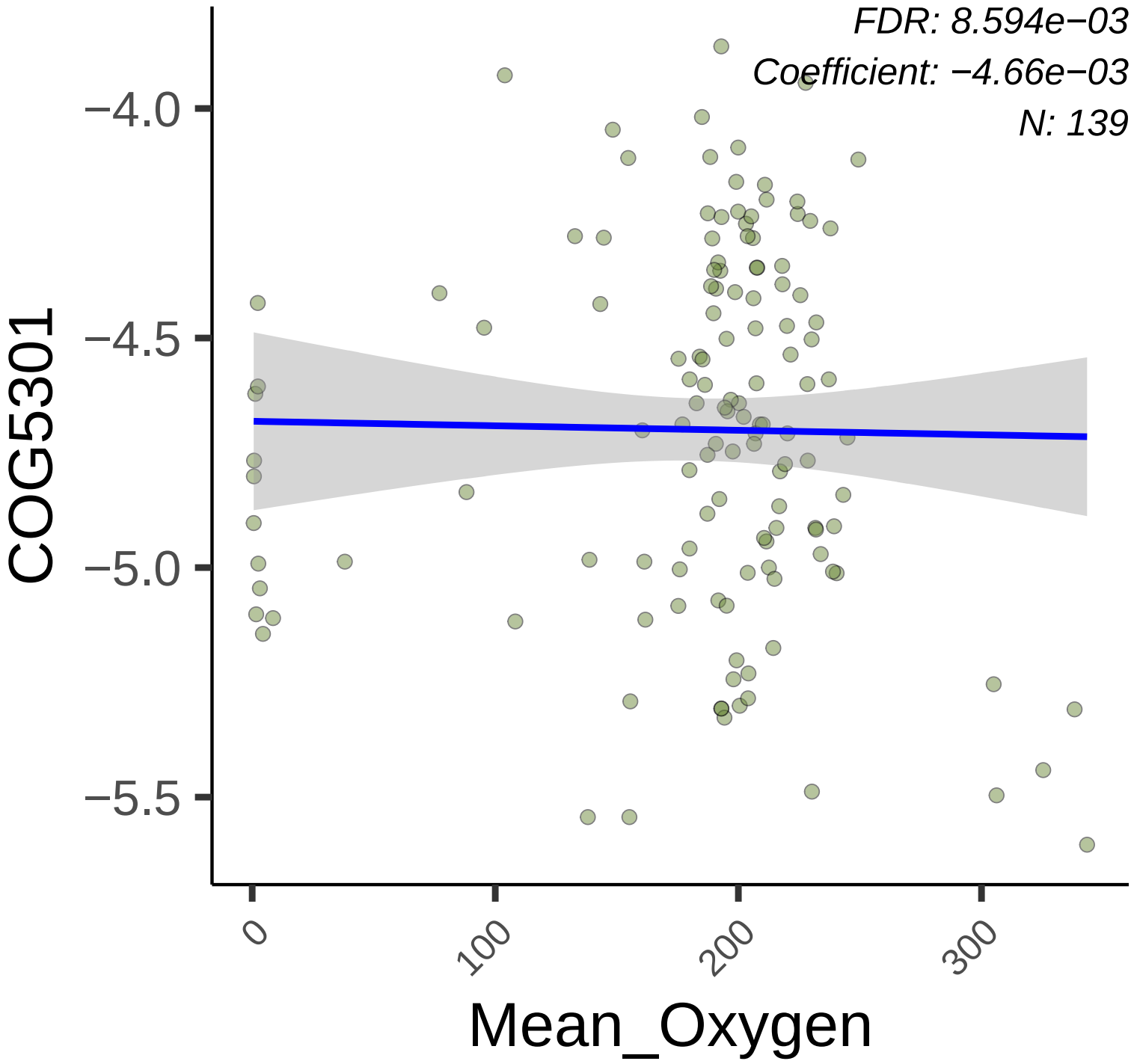
Mean_Oxygen


FDR: 8.594e−03
Coefficient: −4.66e−03
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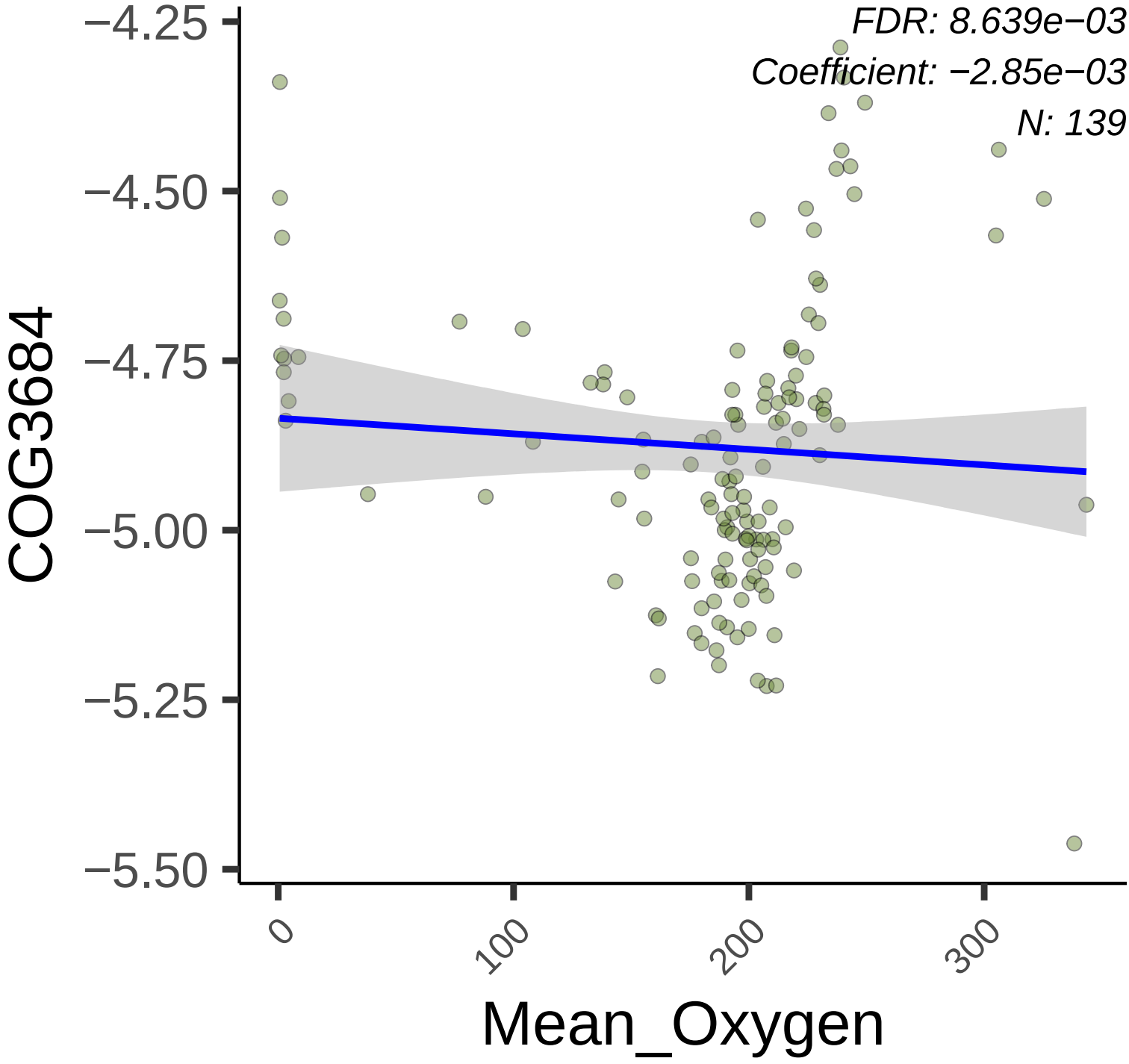
Mean_Oxygen


FDR: 8.639e−03
Coefficient: −2.85e−03
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COG3684
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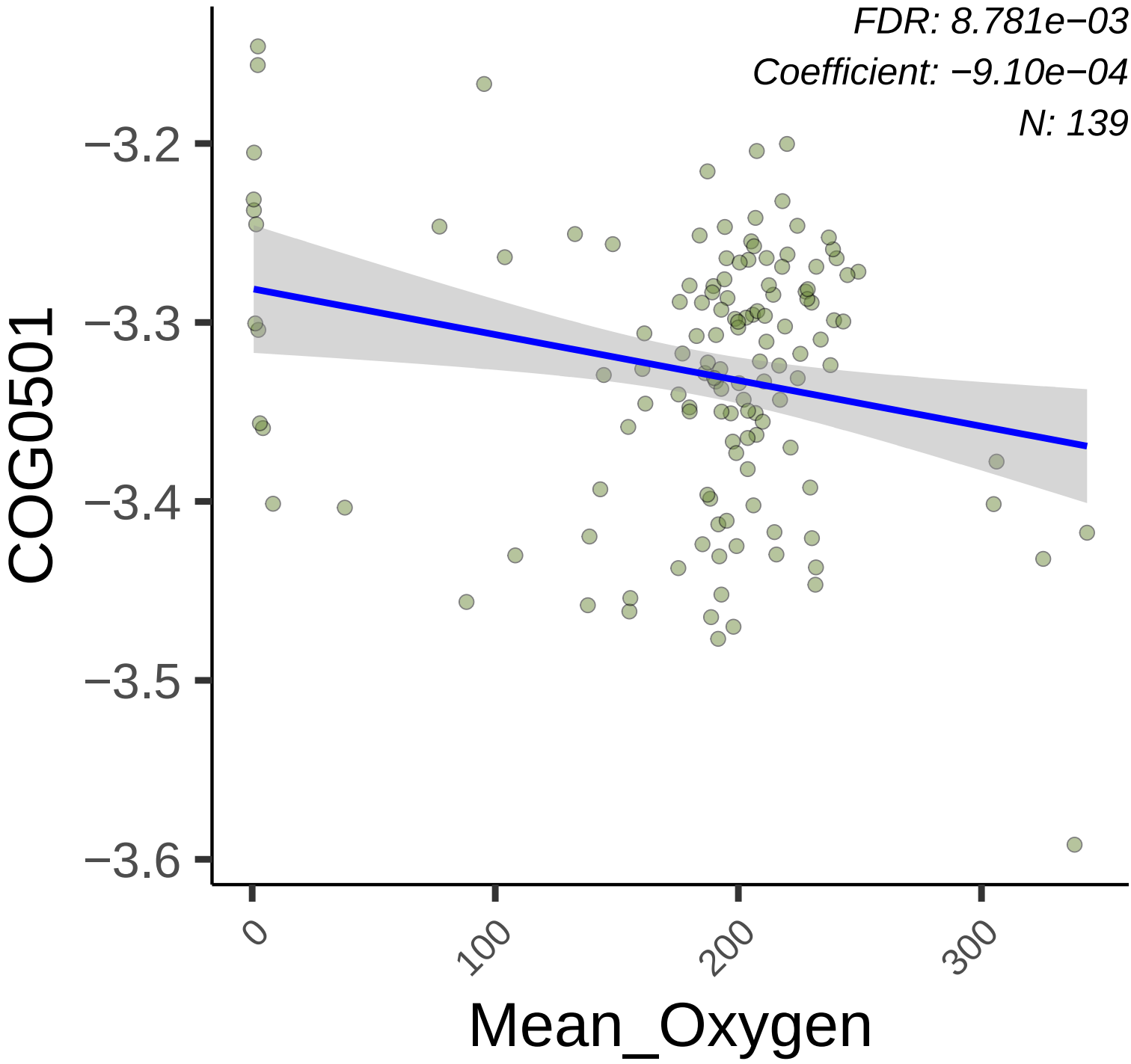
200
300
Mean_Oxygen


FDR: 8.781e−03
Coefficient: −9.10e−04
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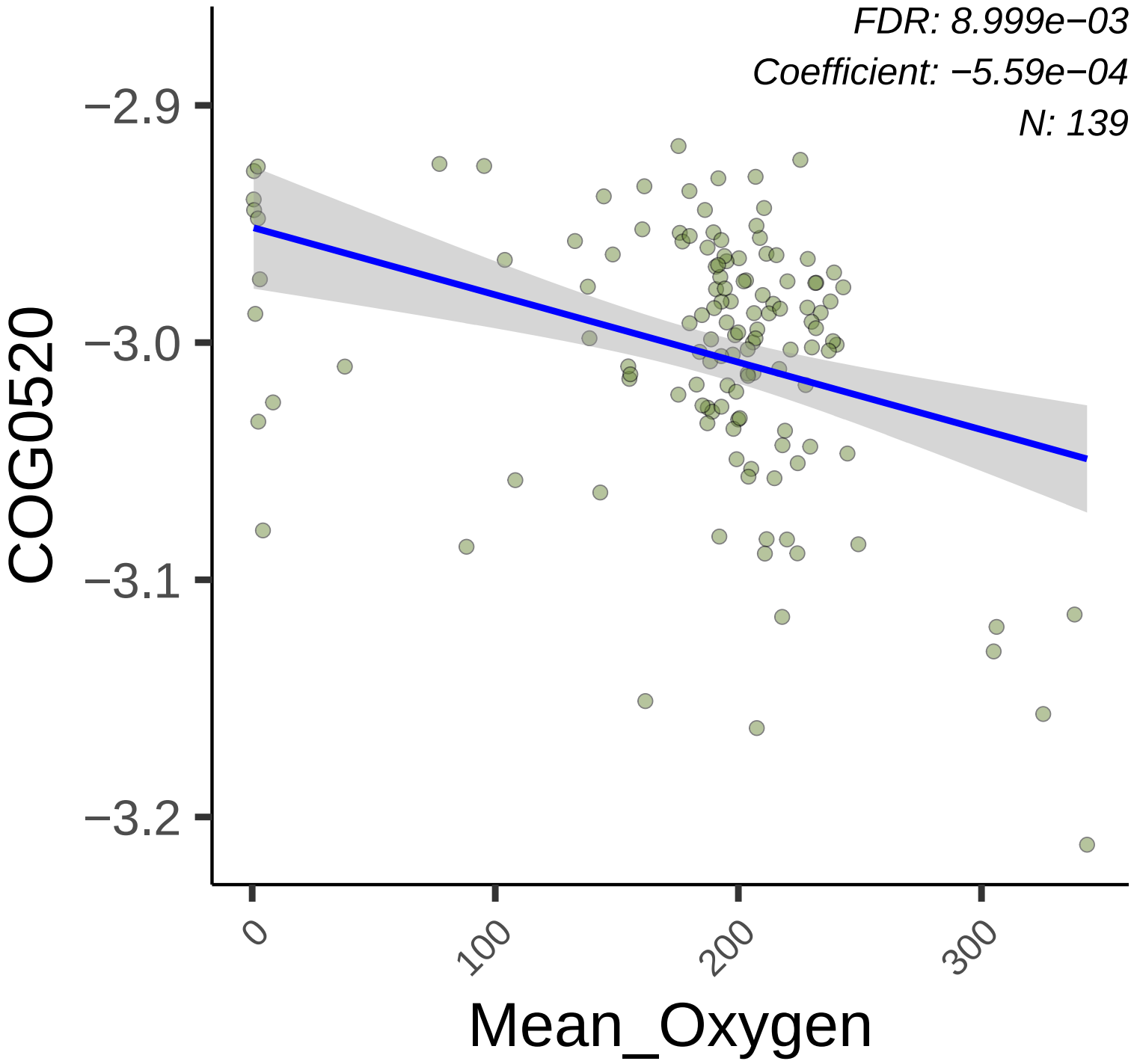
Mean_Oxygen


FDR: 8.999e−03
Coefficient: −5.59e−04
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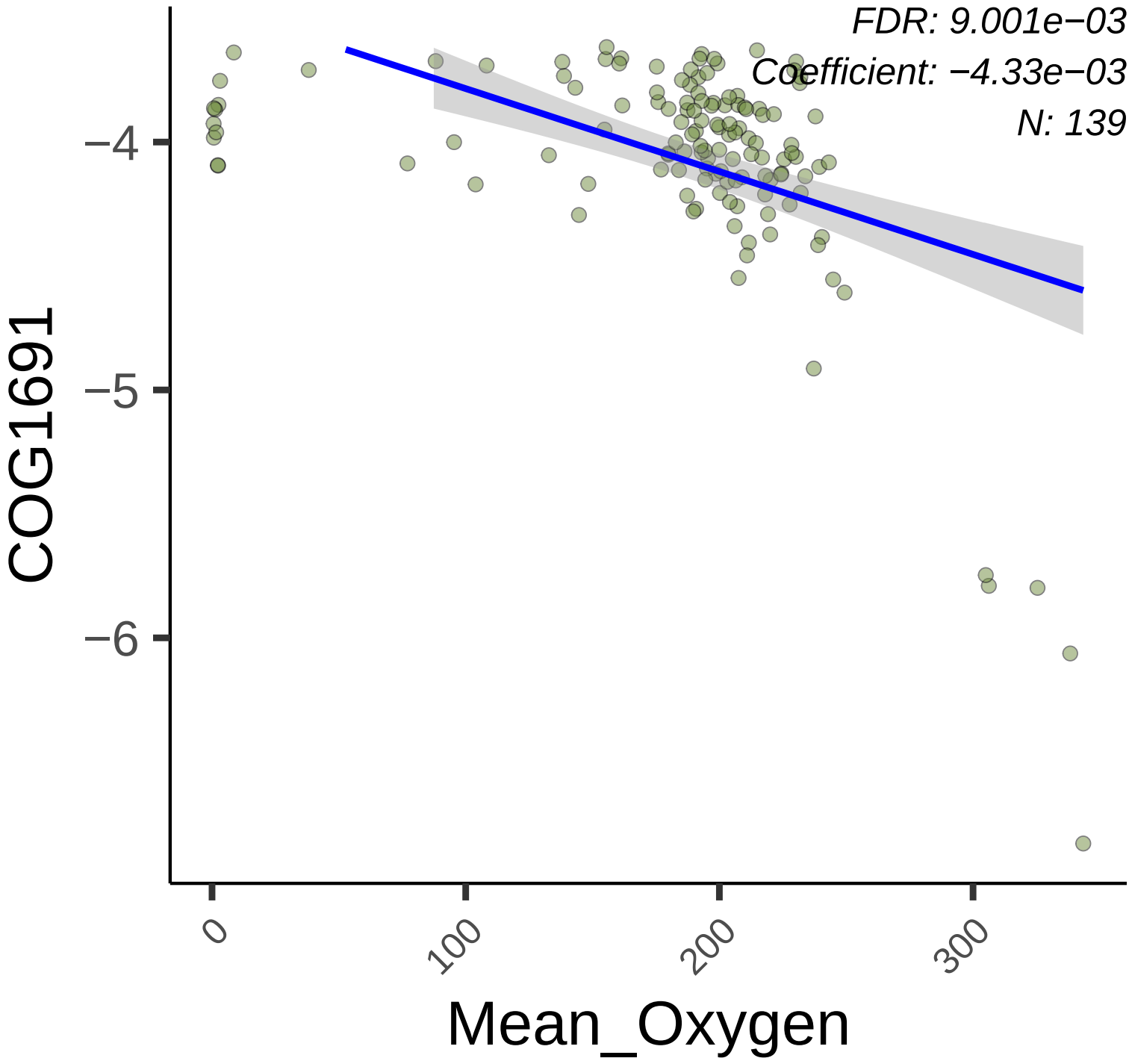
Mean_Oxygen


FDR: 9.001e−03
Coefficient: −4.33e−03
N: 139
COG1691
−4
−5
−6
0
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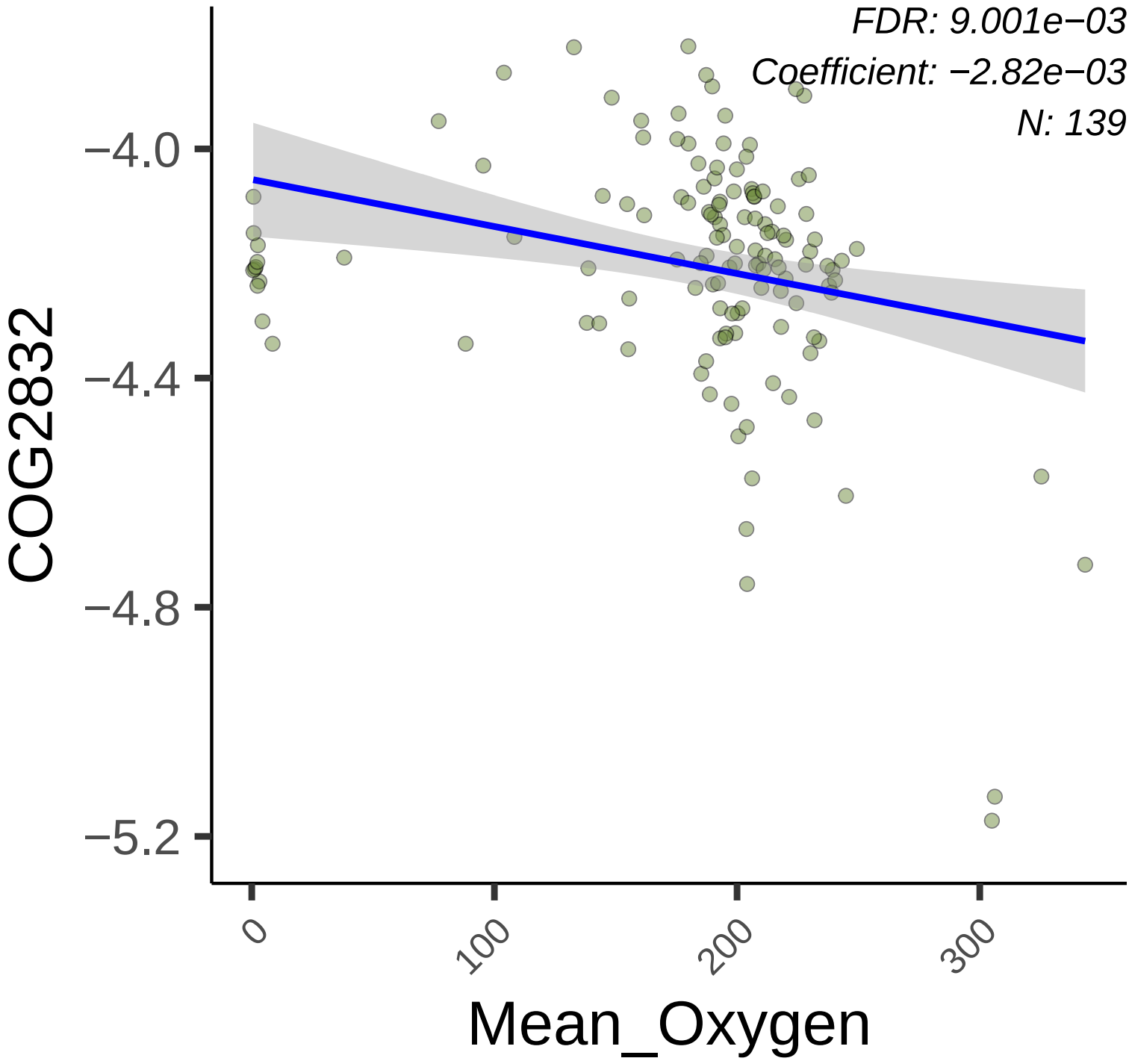
200
300
Mean_Oxygen


FDR: 9.001e−03
Coefficient: −2.82e−03
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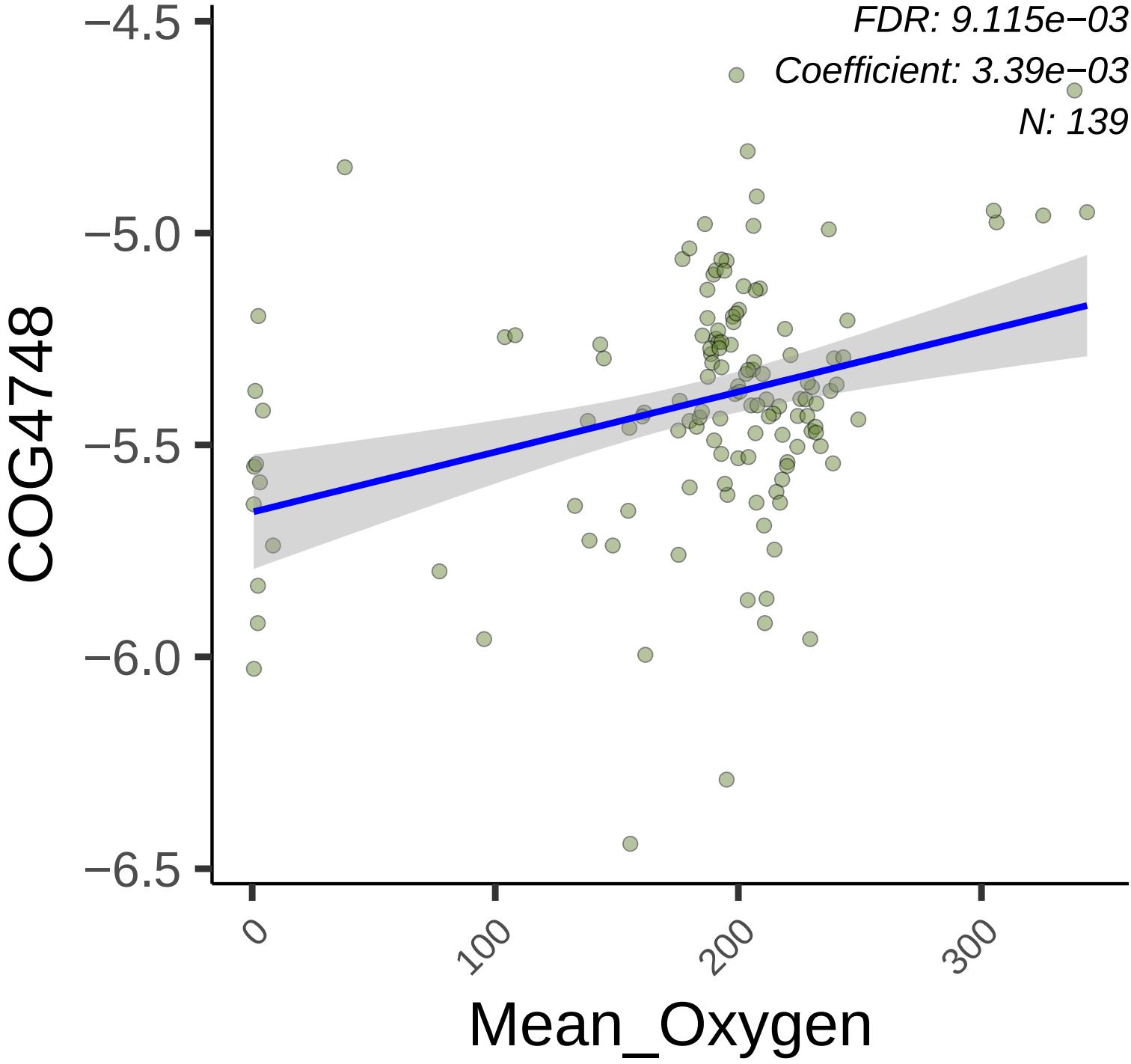
Mean_Oxygen


FDR: 9.115e−03
Coefficient: 3.39e−03
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200
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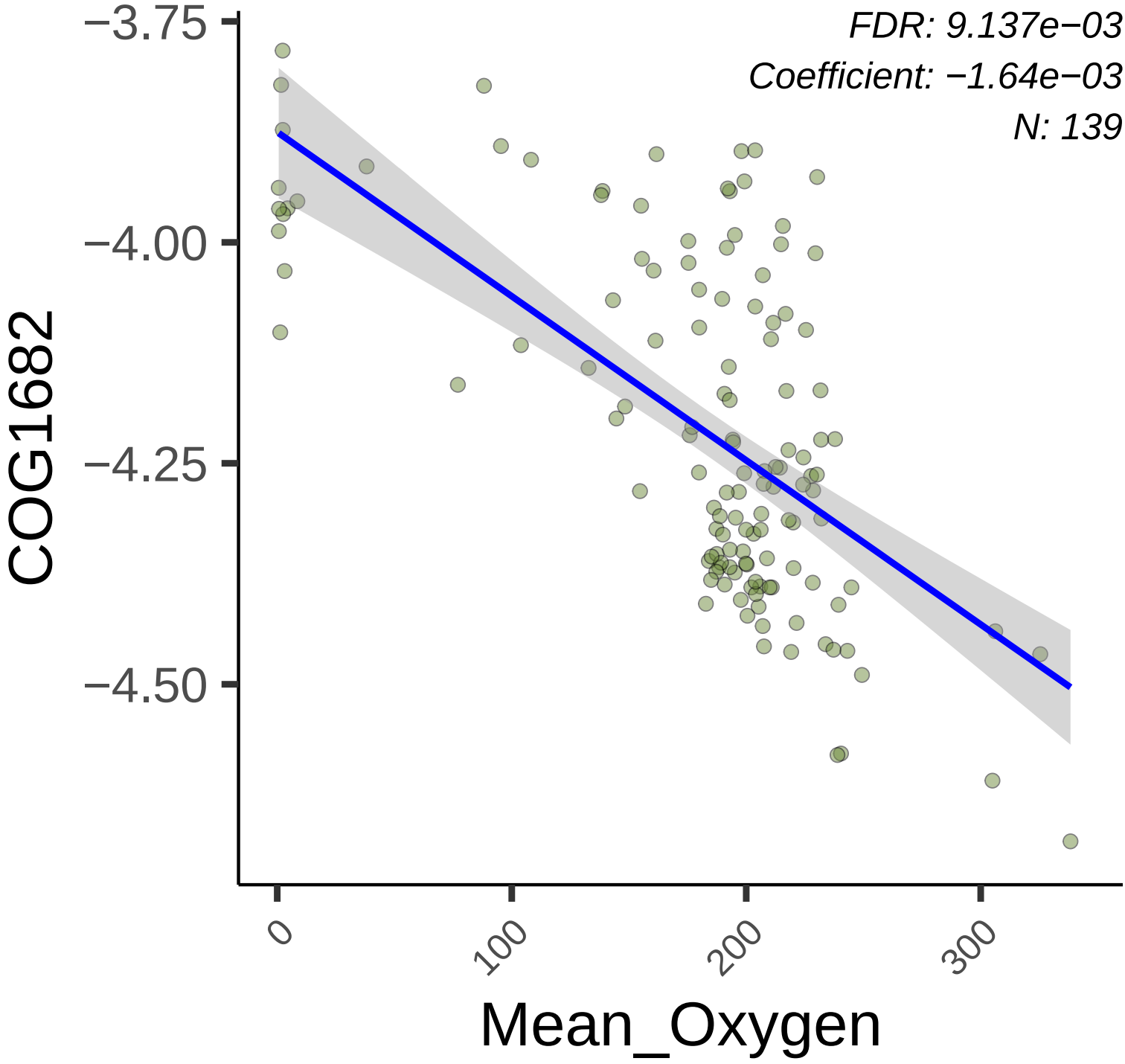
Mean_Oxygen


FDR: 9.137e−03
Coefficient: −1.64e−03
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COG1682
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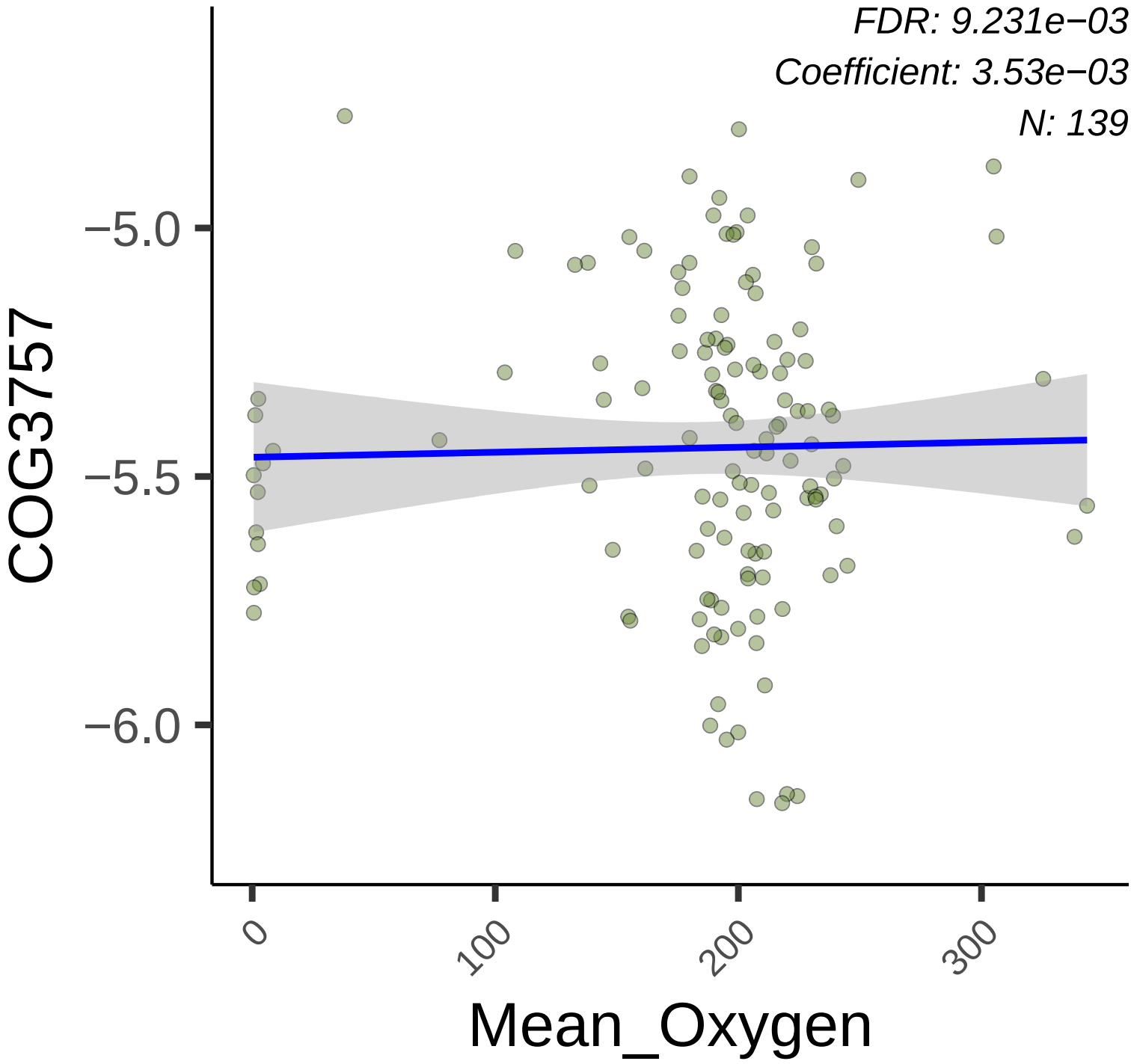
100
200
300
Mean_Oxygen


FDR: 9.231e−03
Coefficient: 3.53e−03
N: 139
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−5.5
−6.0
COG3757
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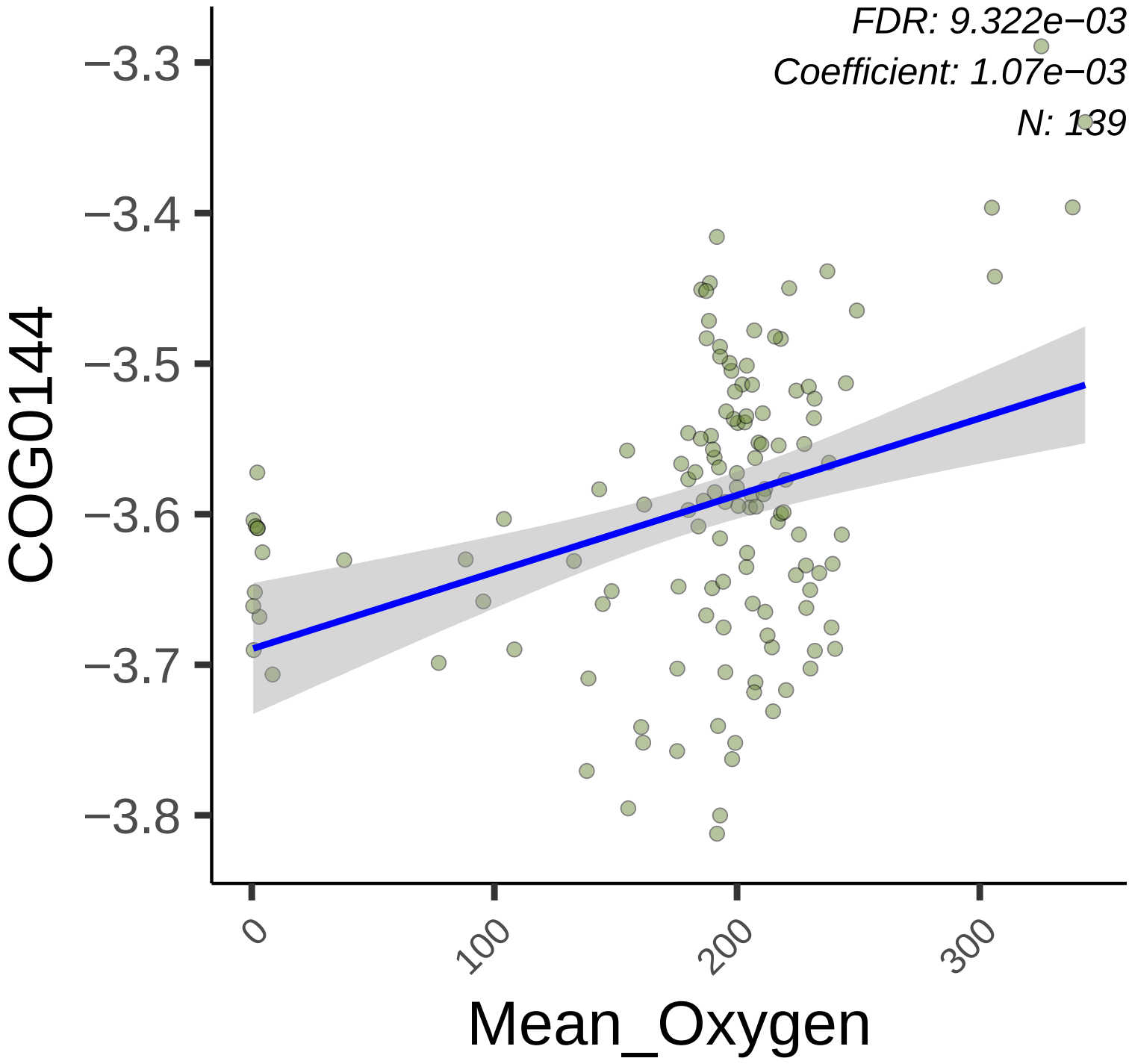
200
300
Mean_Oxygen


FDR: 9.322e−03
Coefficient: 1.07e−03
N: 139
−3.3
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COG0144
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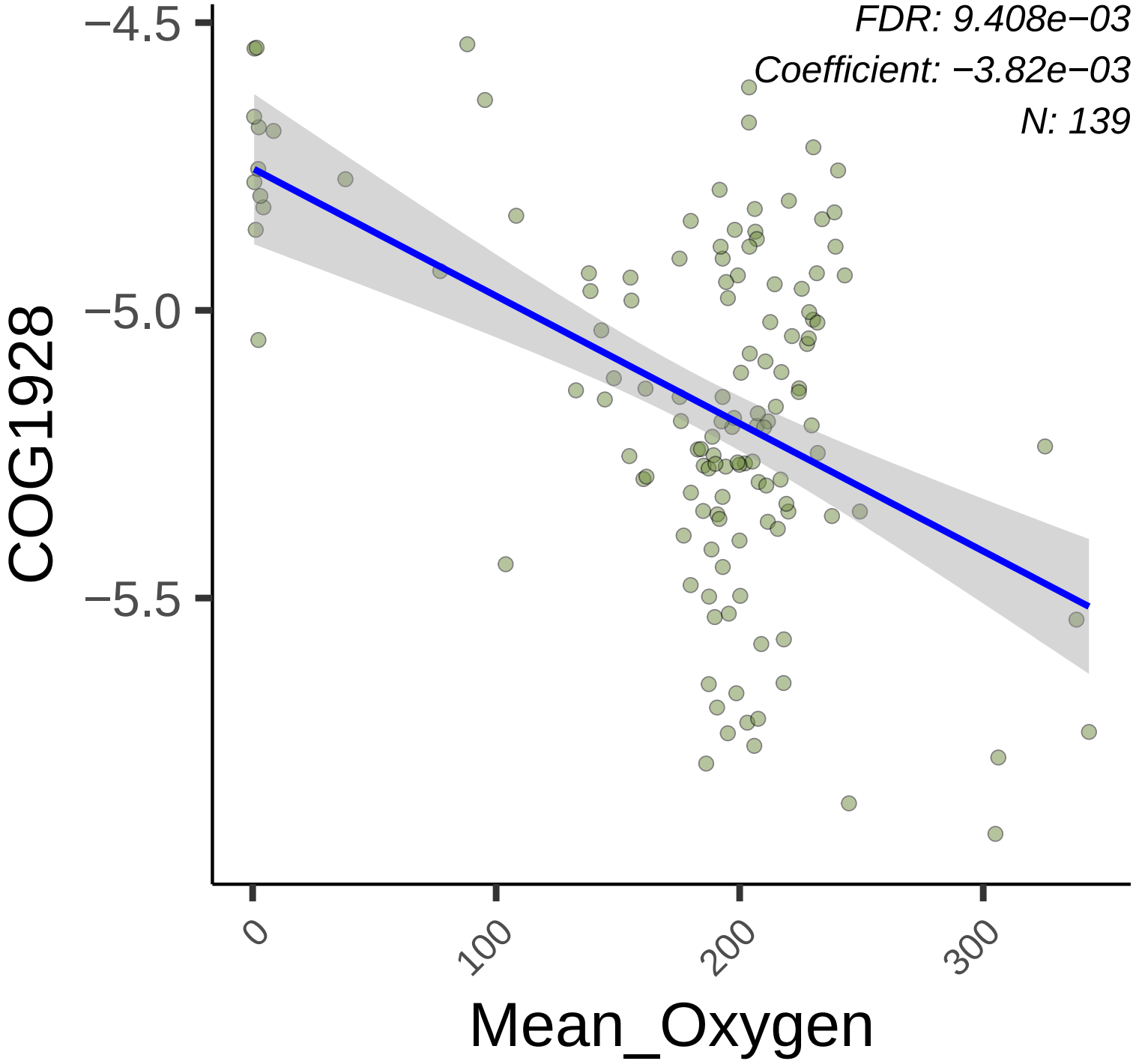
200
300
Mean_Oxygen


FDR: 9.408e−03
Coefficient: −3.82e−03
N: 139
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COG1928
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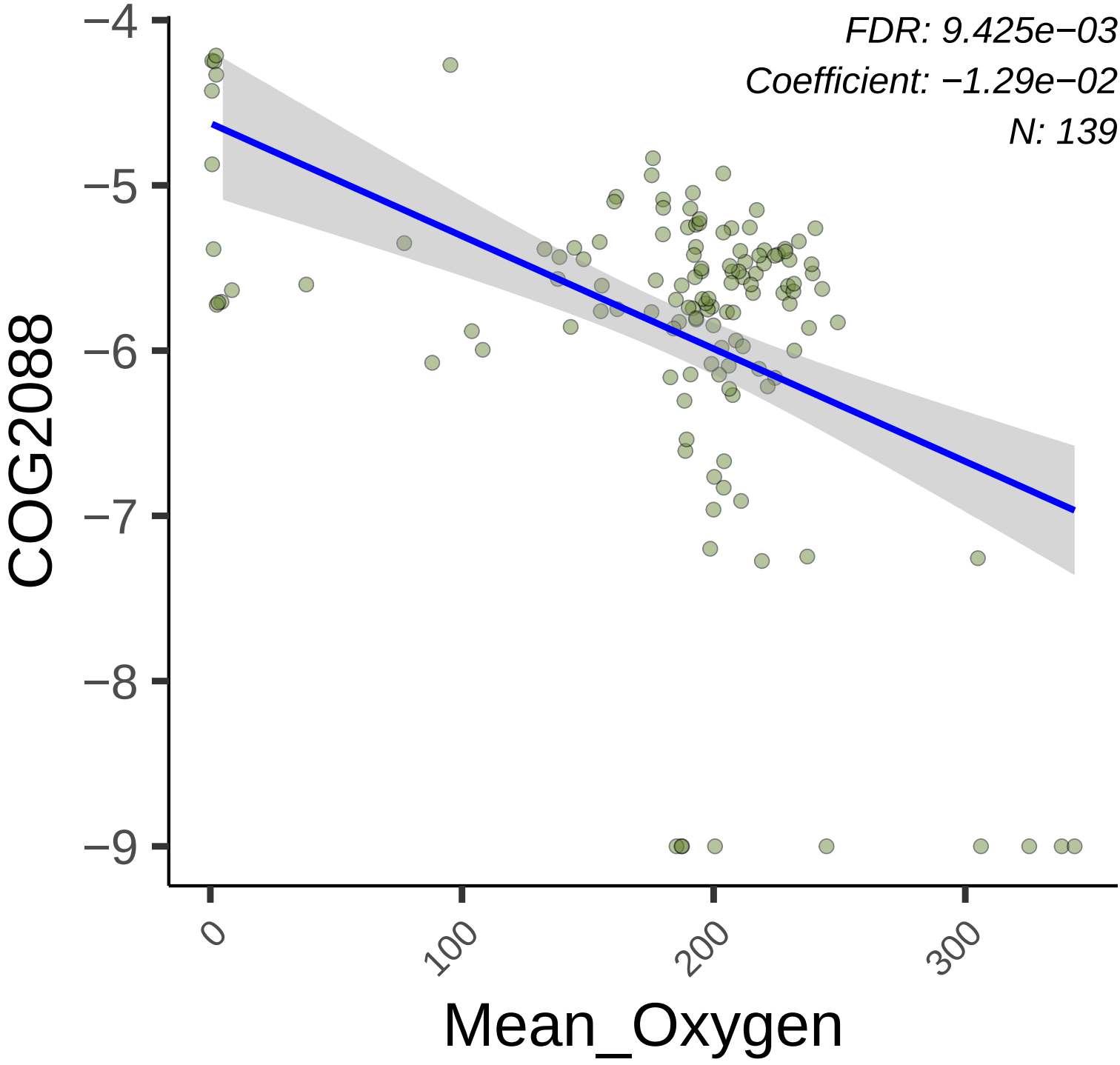
Mean_Oxygen


FDR: 9.425e−03
Coefficient: −1.29e−02
N: 139
COG2088
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−7
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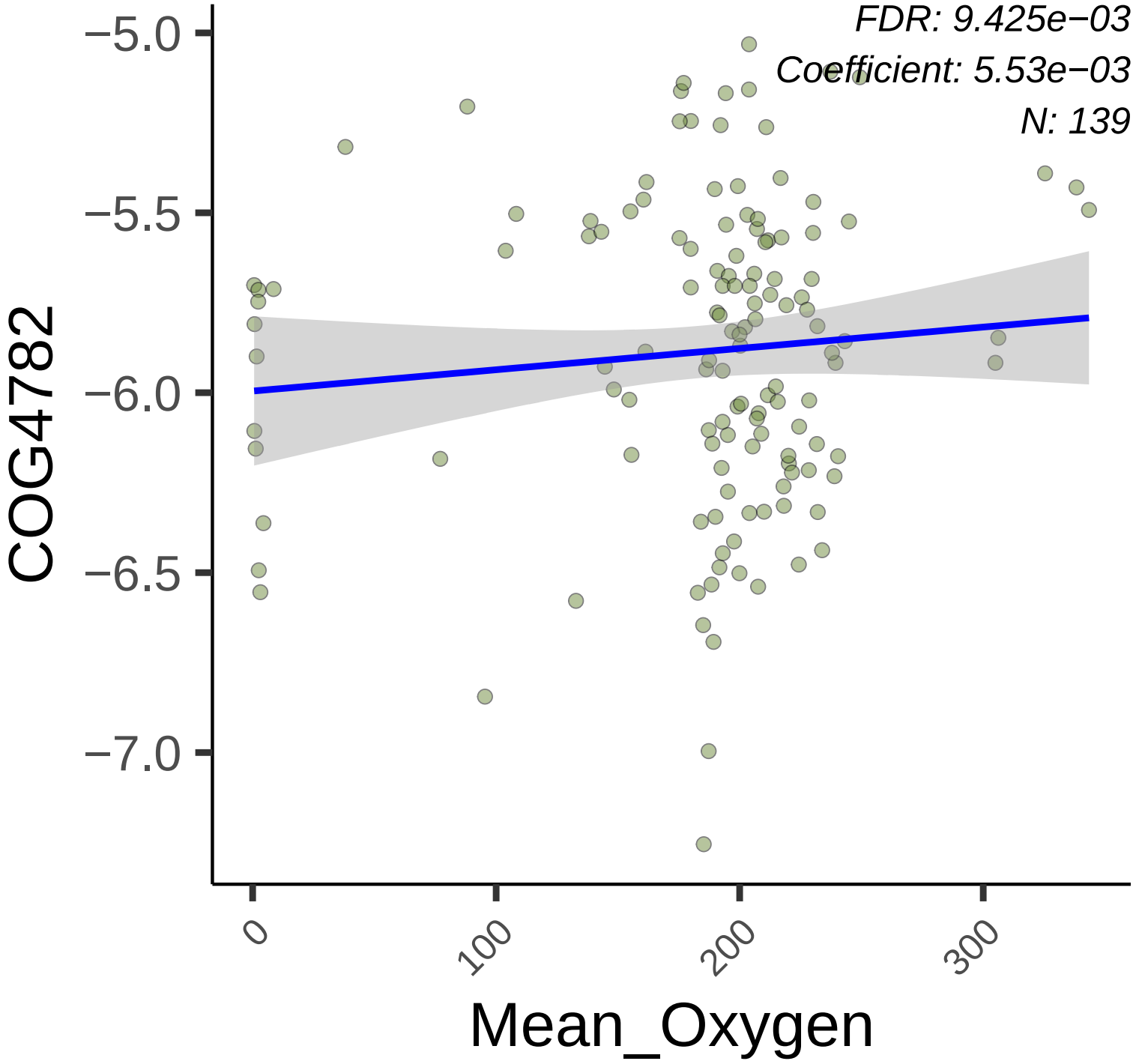
−9
0
100
200
300
Mean_Oxygen


FDR: 9.425e−03
Coefficient: 5.53e−03
N: 139
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COG4782
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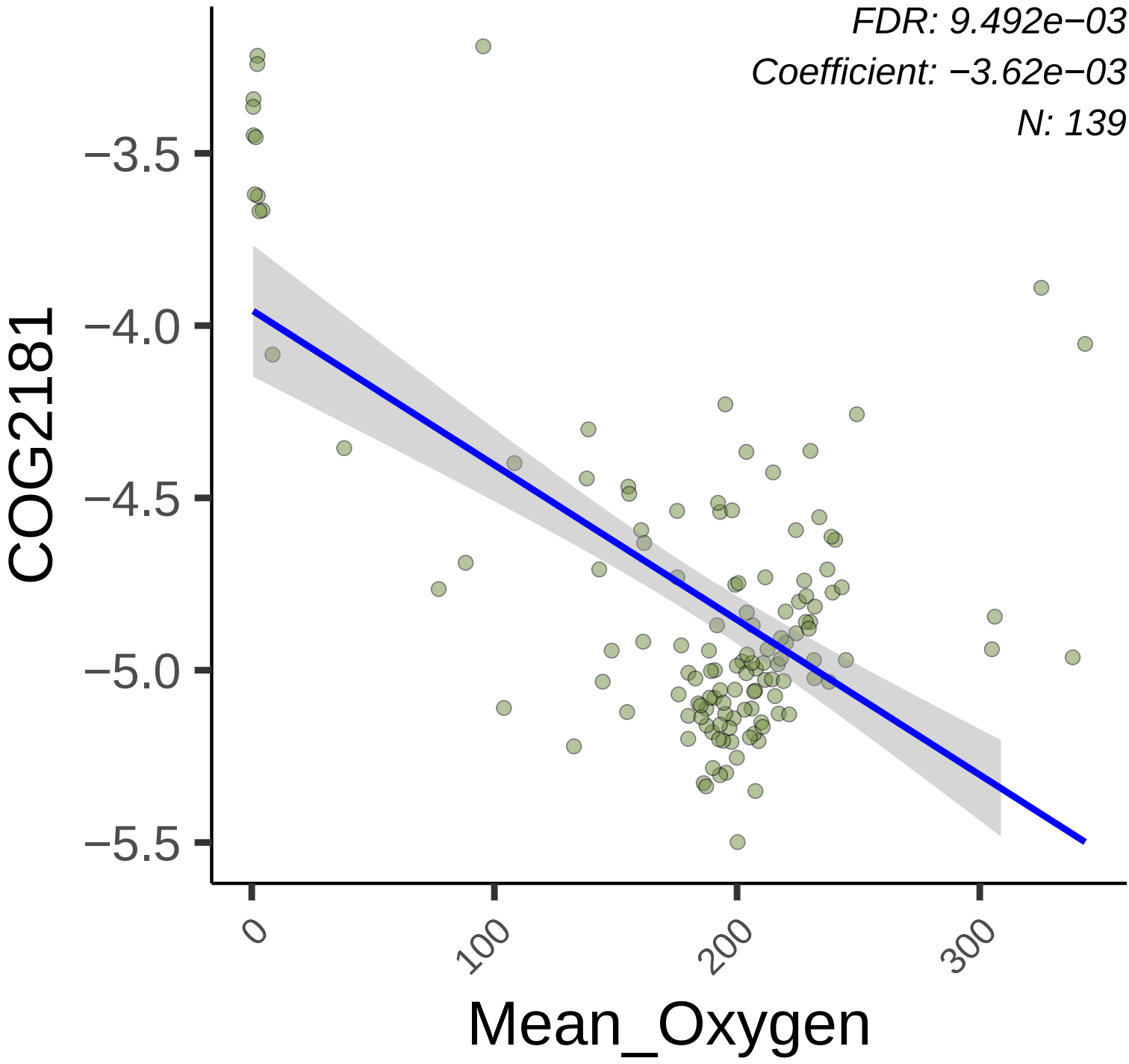
200
300
Mean_Oxygen


FDR: 9.492e−03
Coefficient: −3.62e−03
N: 139
COG2181
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0
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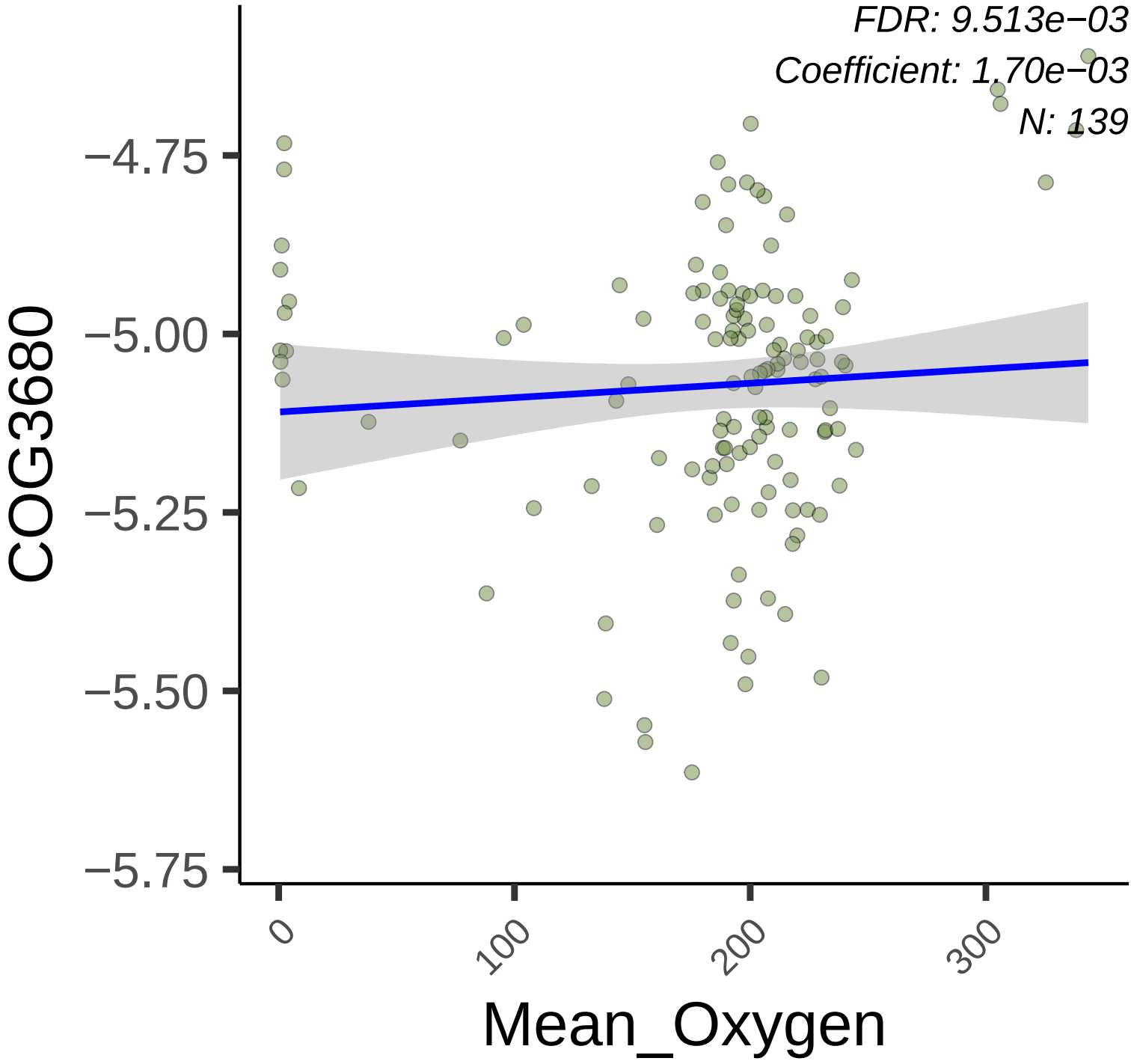
200
300
Mean_Oxygen


FDR: 9.513e−03
Coefficient: 1.70e−03
N: 139
COG3680
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200
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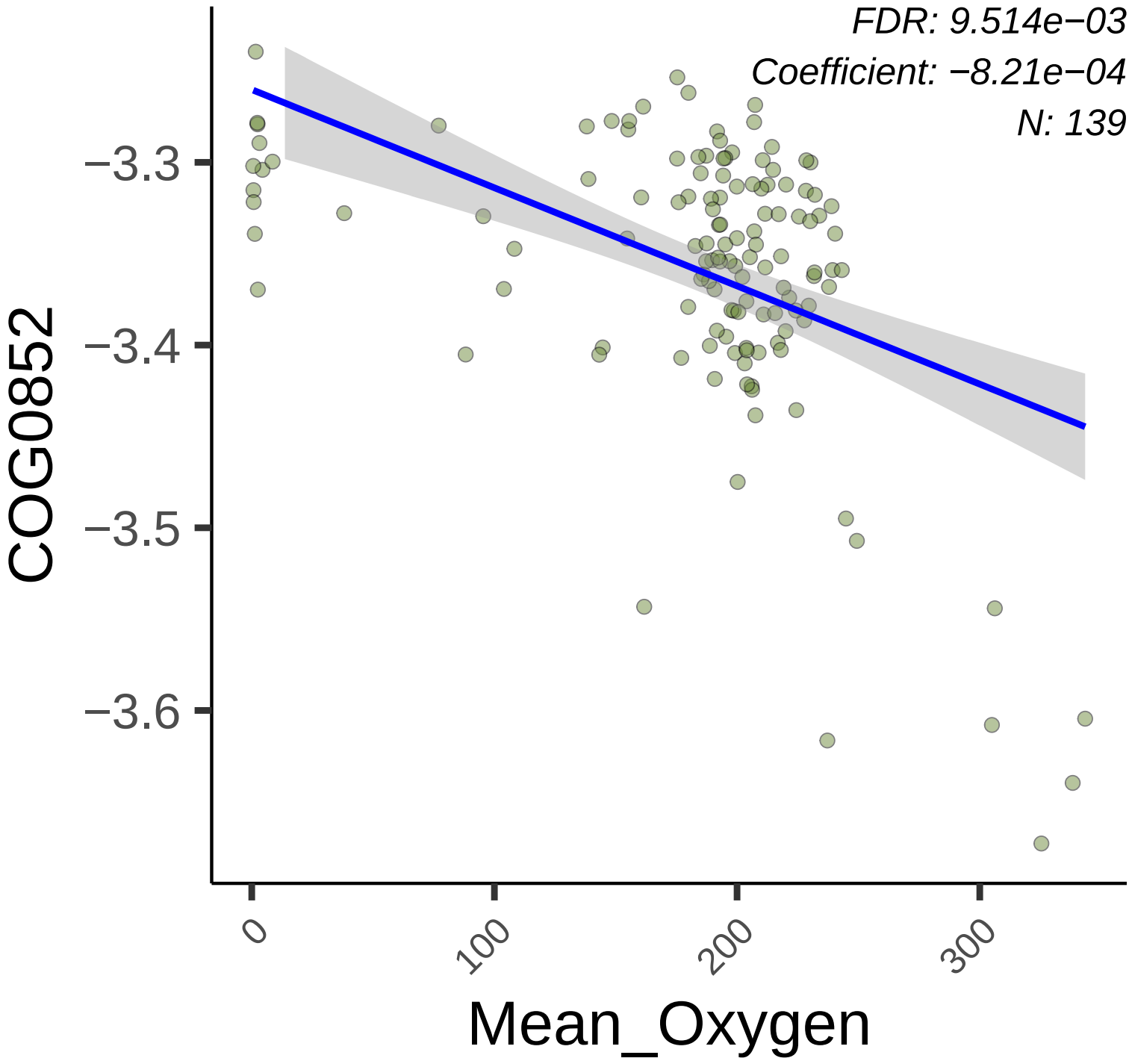
Mean_Oxygen


FDR: 9.514e−03
Coefficient: −8.21e−04
N: 139
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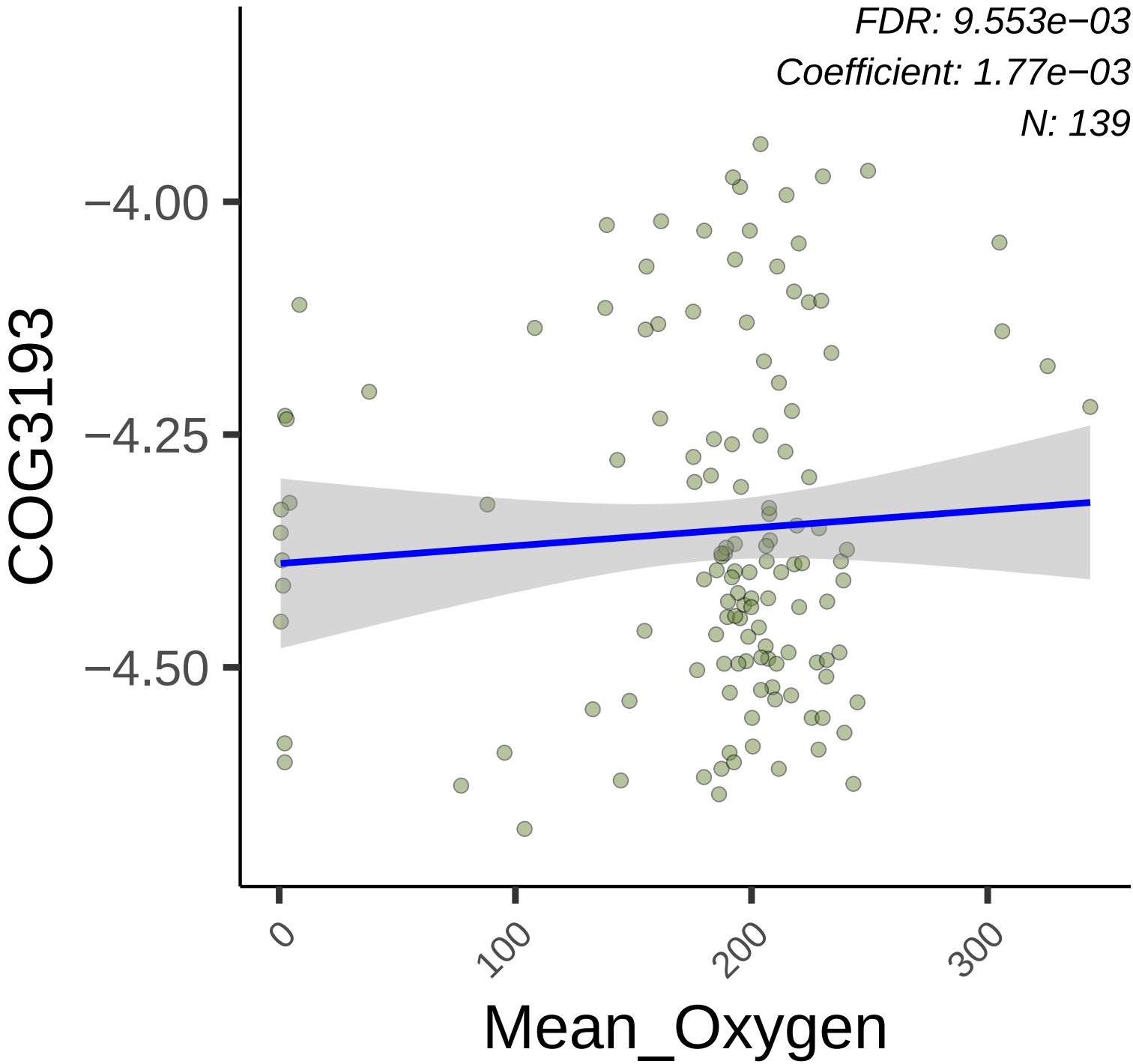
Mean_Oxygen


FDR: 9.553e−03
Coefficient: 1.77e−03
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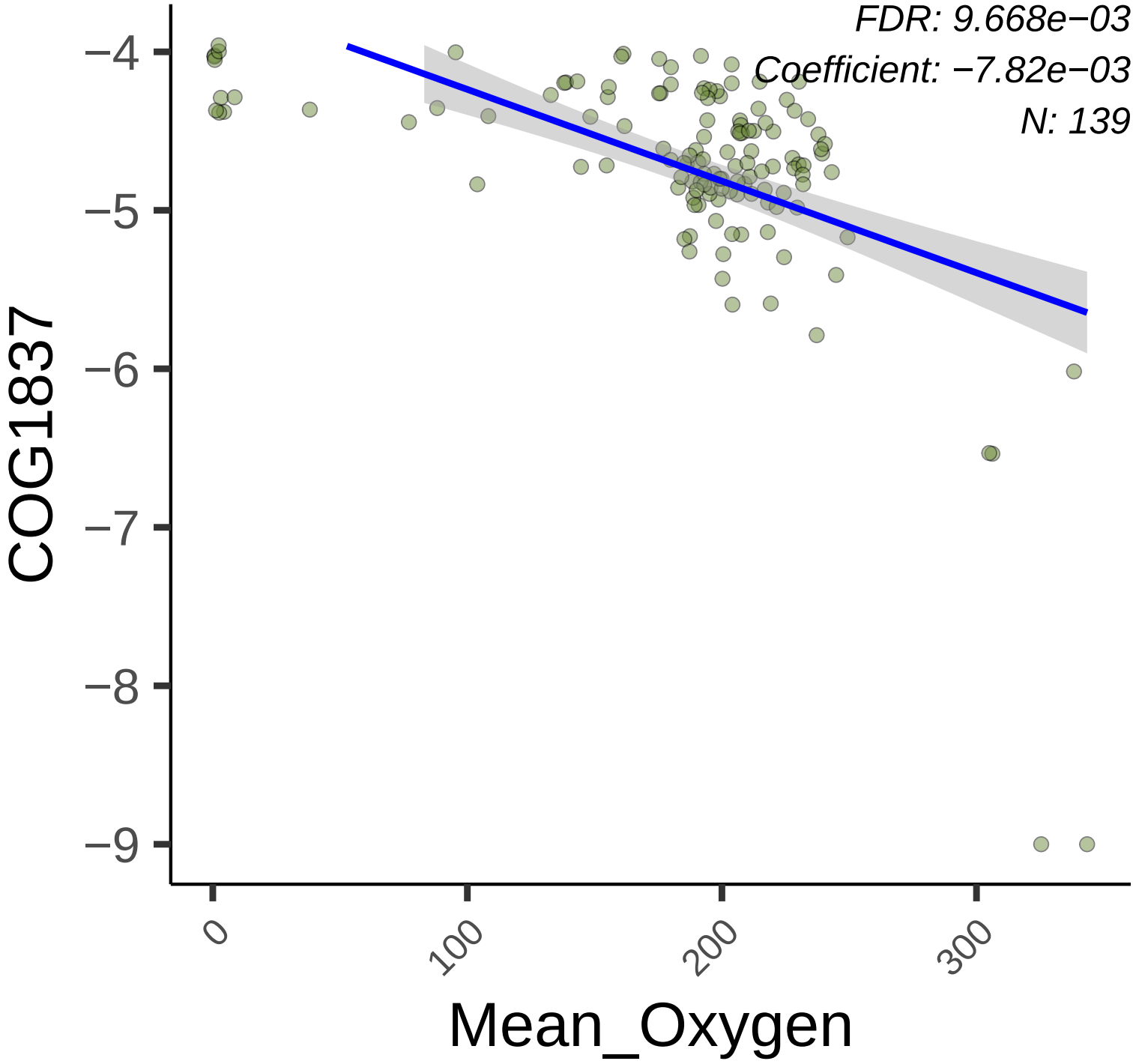
Mean_Oxygen


FDR: 9.668e−03
Coefficient: −7.82e−03
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COG1837
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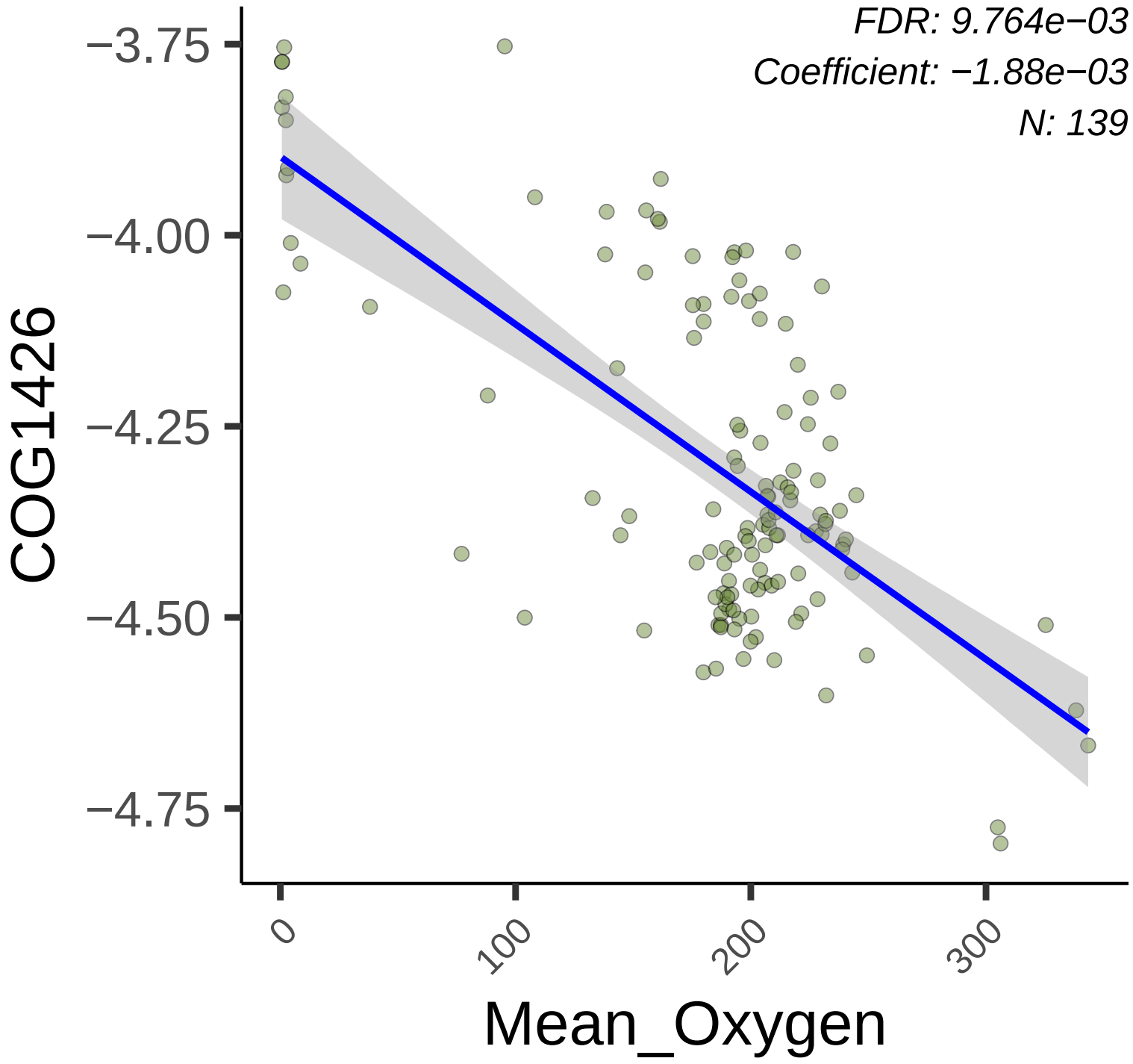
Mean_Oxygen


FDR: 9.764e−03
Coefficient: −1.88e−03
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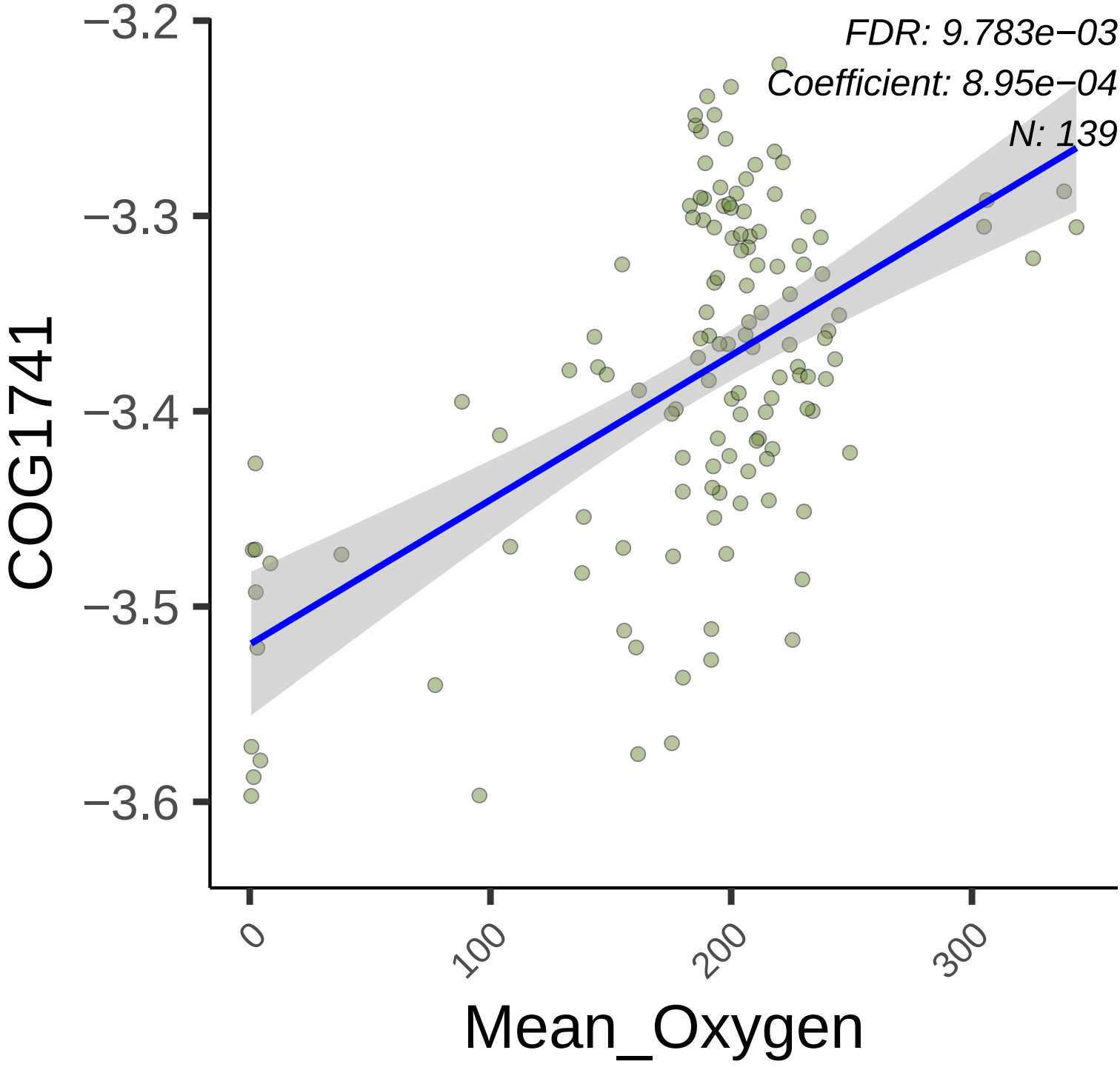
Mean_Oxygen


FDR: 9.783e−03
Coefficient: 8.95e−04
N: 139
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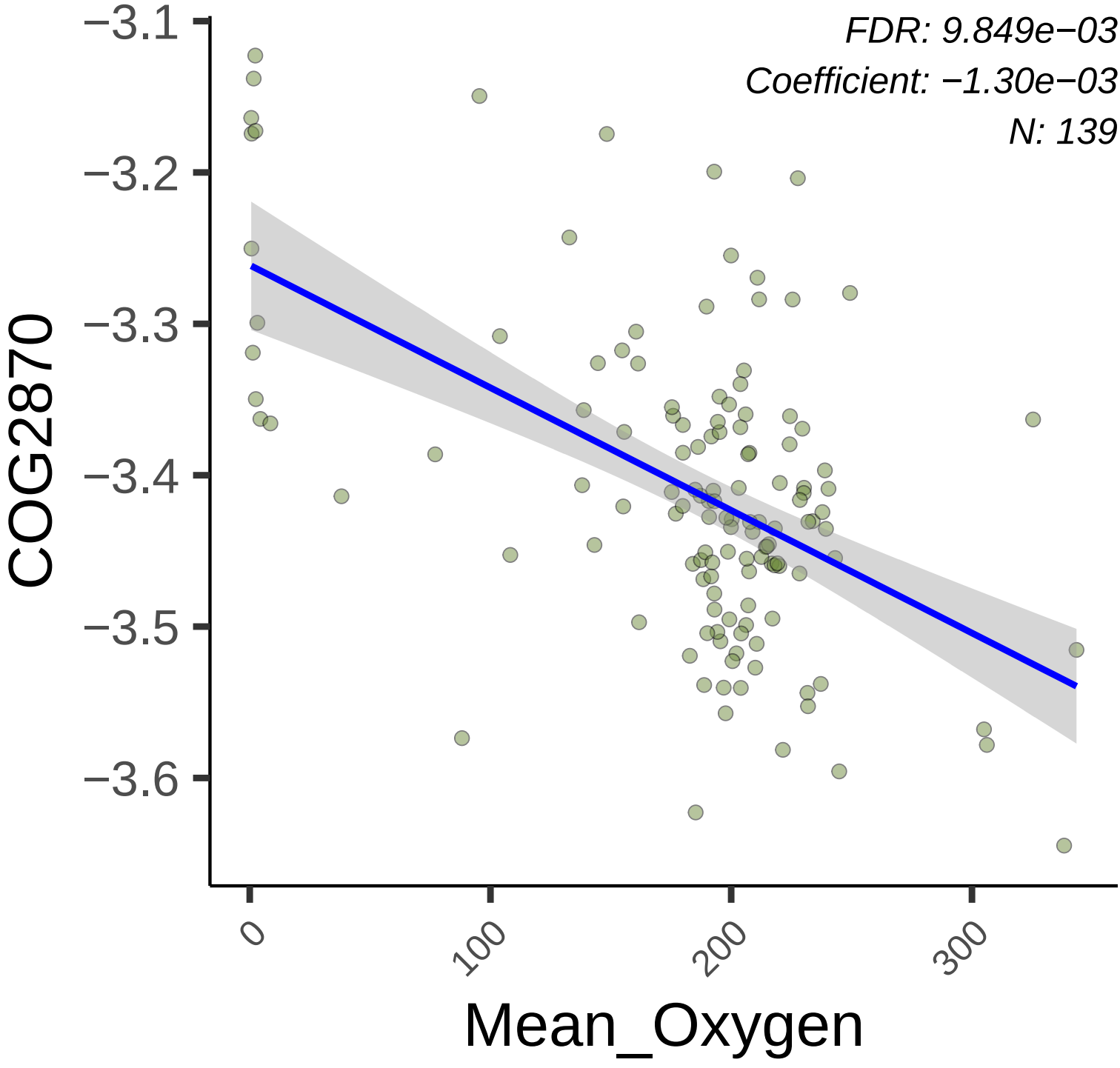
Mean_Oxygen


FDR: 9.849e−03
Coefficient: −1.30e−03
N: 139
COG2870
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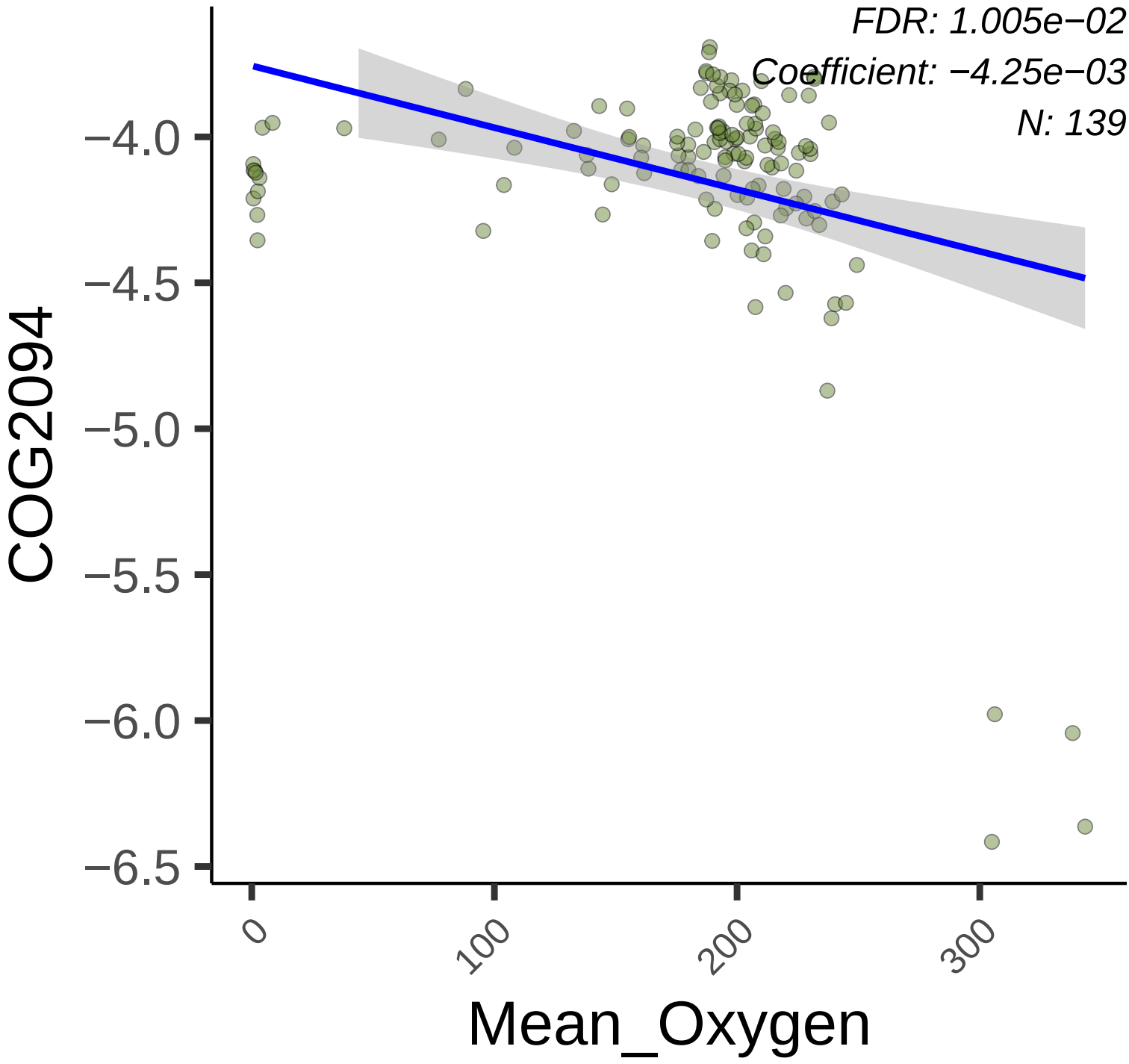
Mean_Oxygen


FDR: 1.005e−02
Coefficient: −4.25e−03
N: 139
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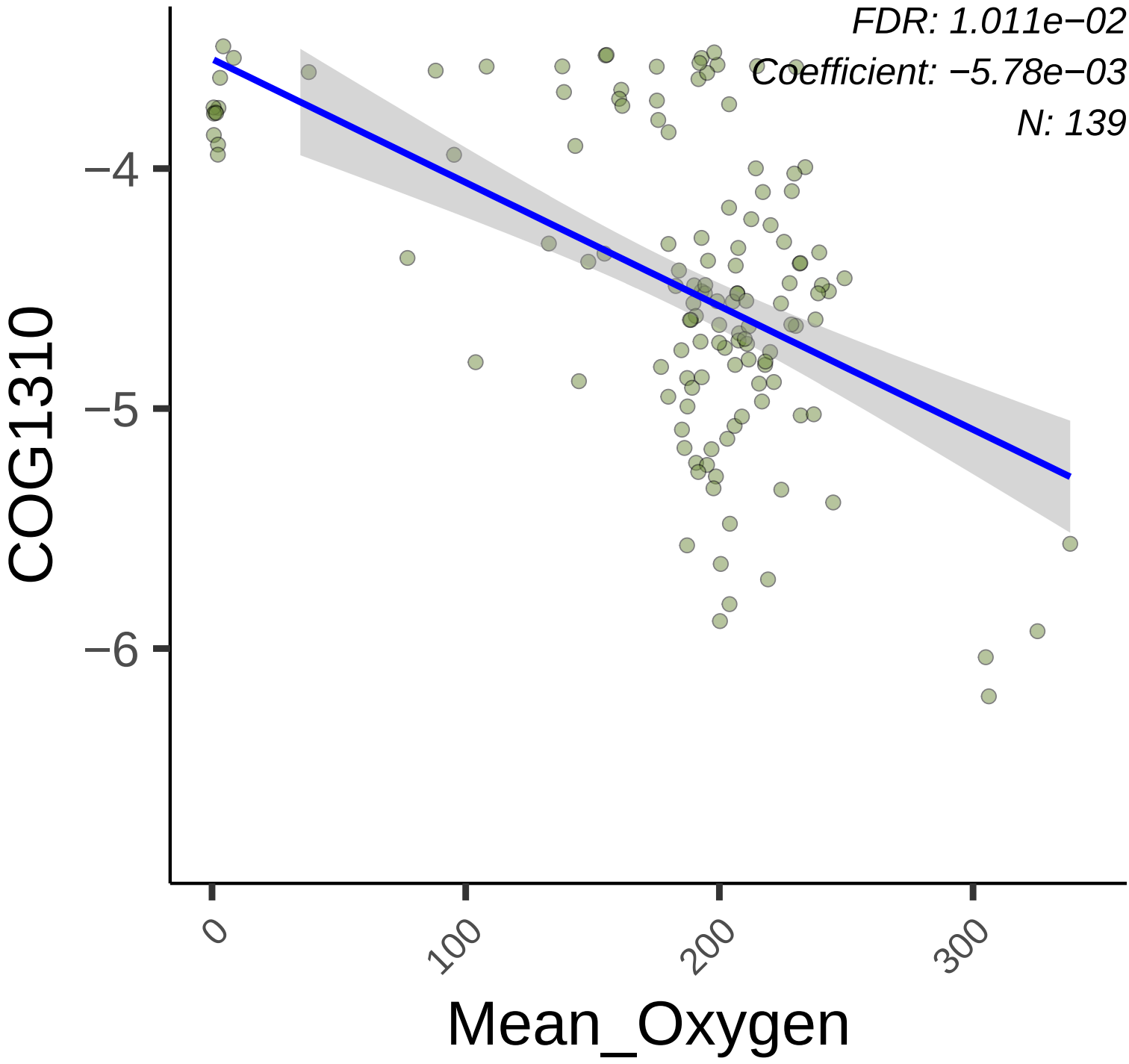
Mean_Oxygen


FDR: 1.011e−02
Coefficient: −5.78e−03
N: 139
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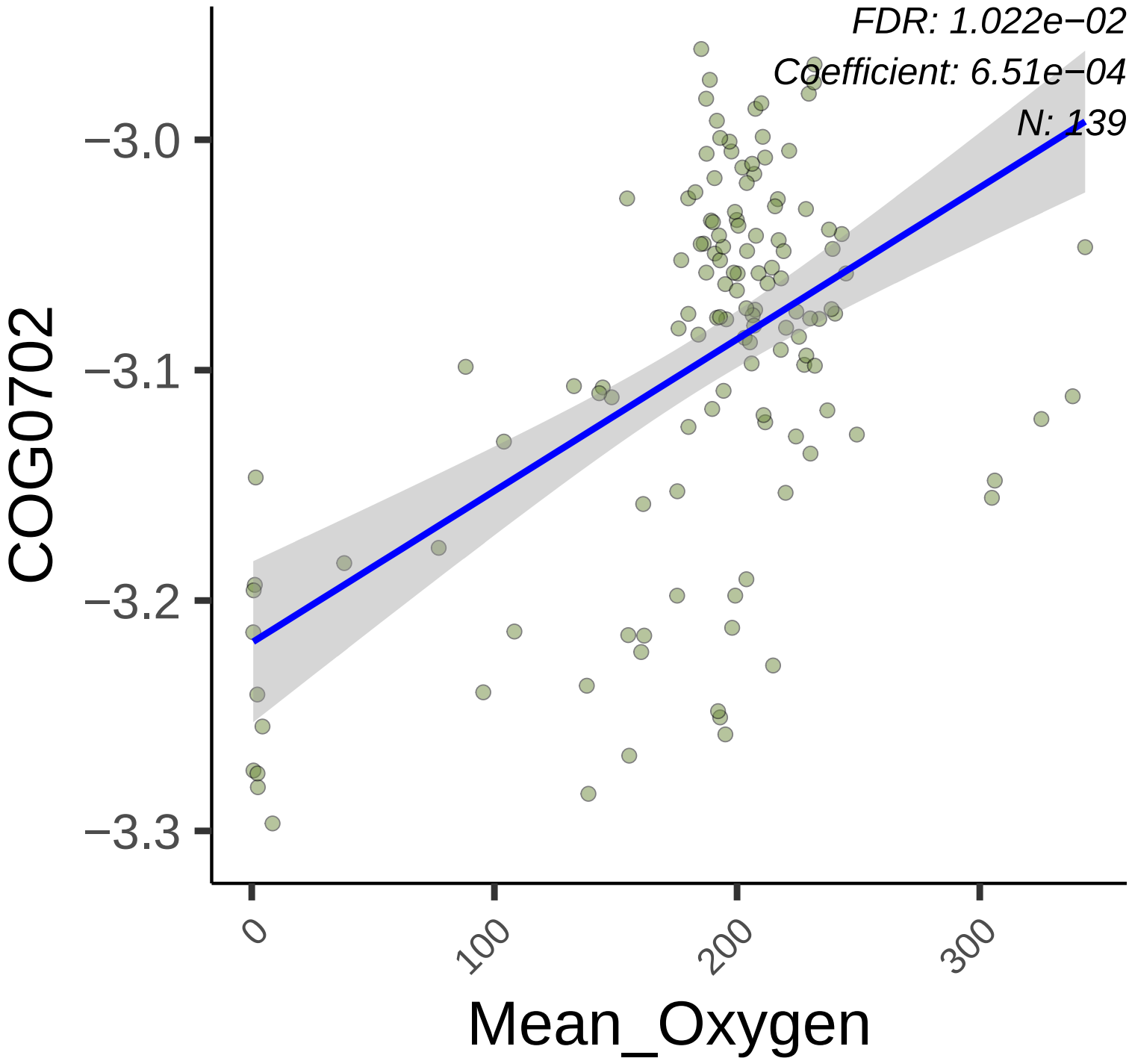
Mean_Oxygen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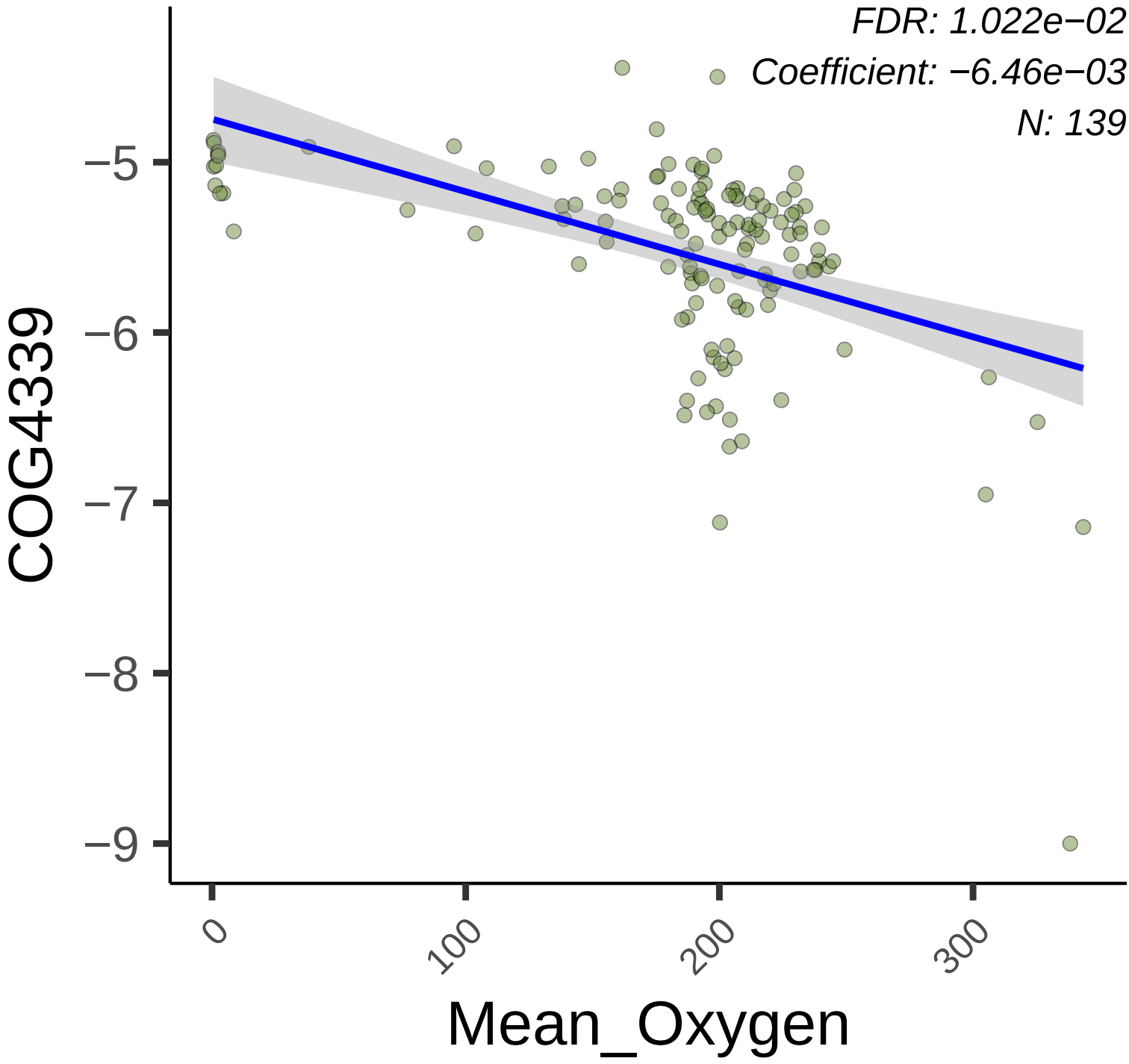
Mean_Oxygen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Coefficient: −6.46e−03
N: 139
COG4339
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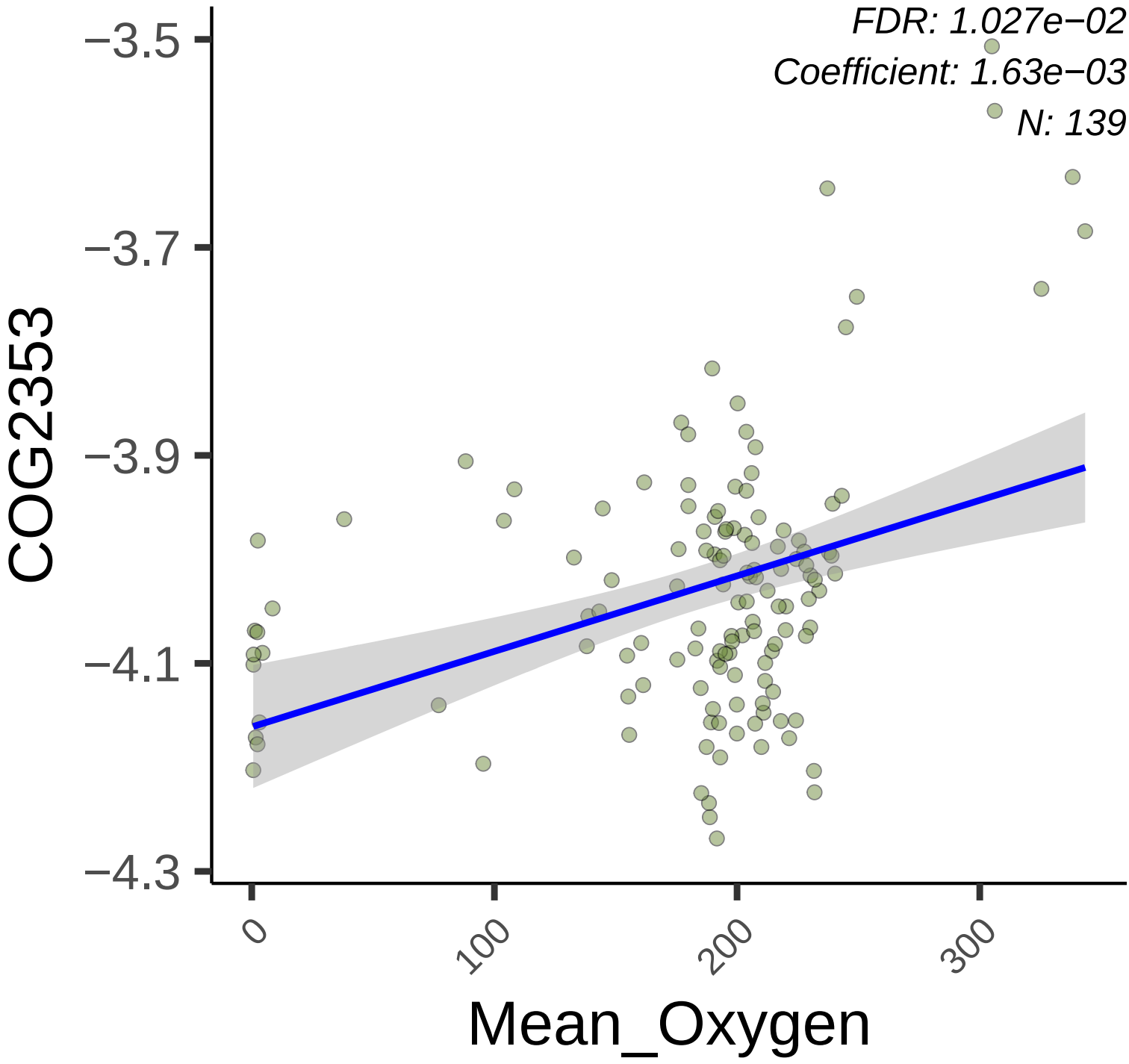
Mean_Oxygen


FDR: 1.027e−02
Coefficient: 1.63e−03
N: 139
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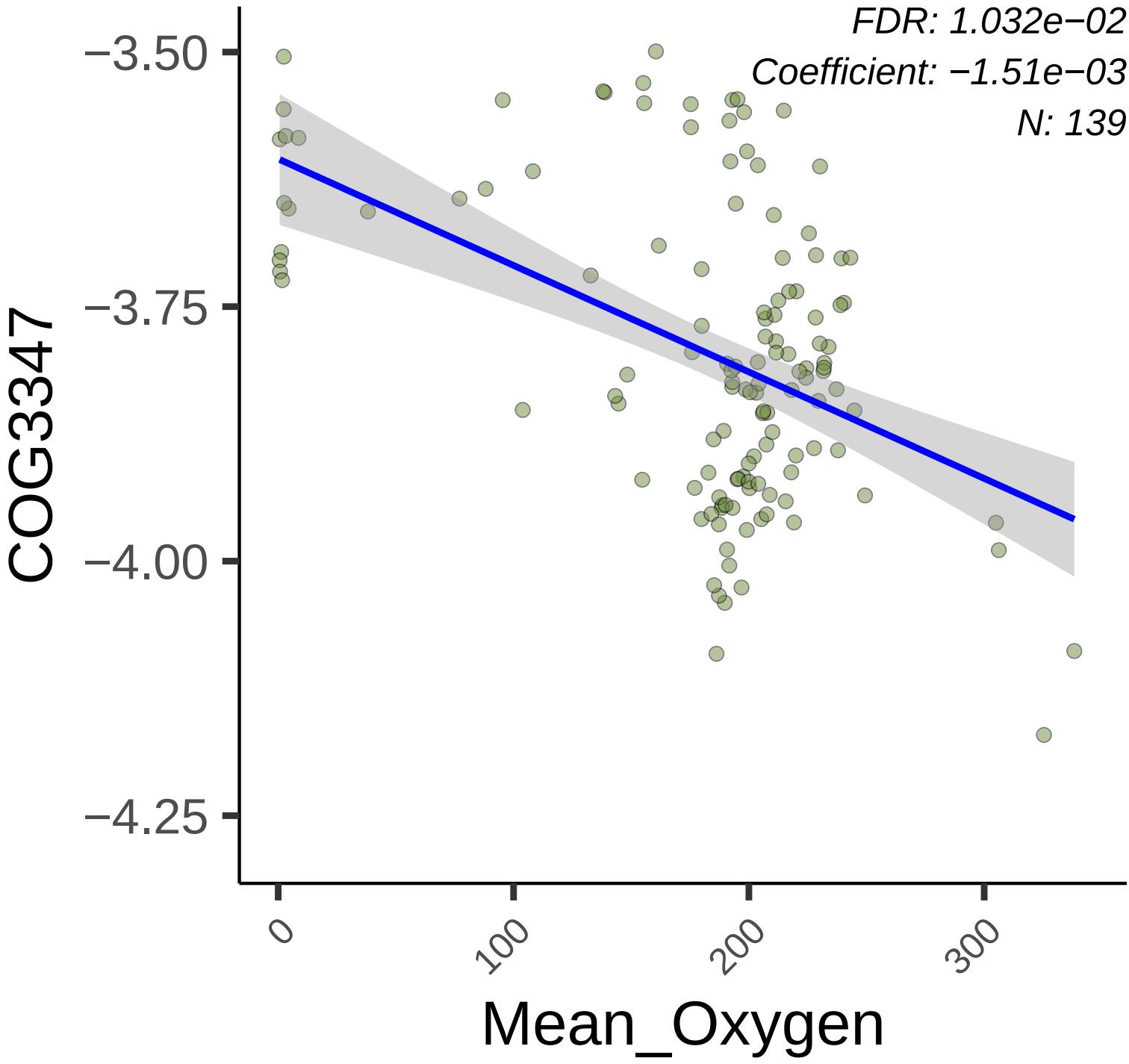
Mean_Oxygen


FDR: 1.032e−02
Coefficient: −1.51e−03
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COG3347
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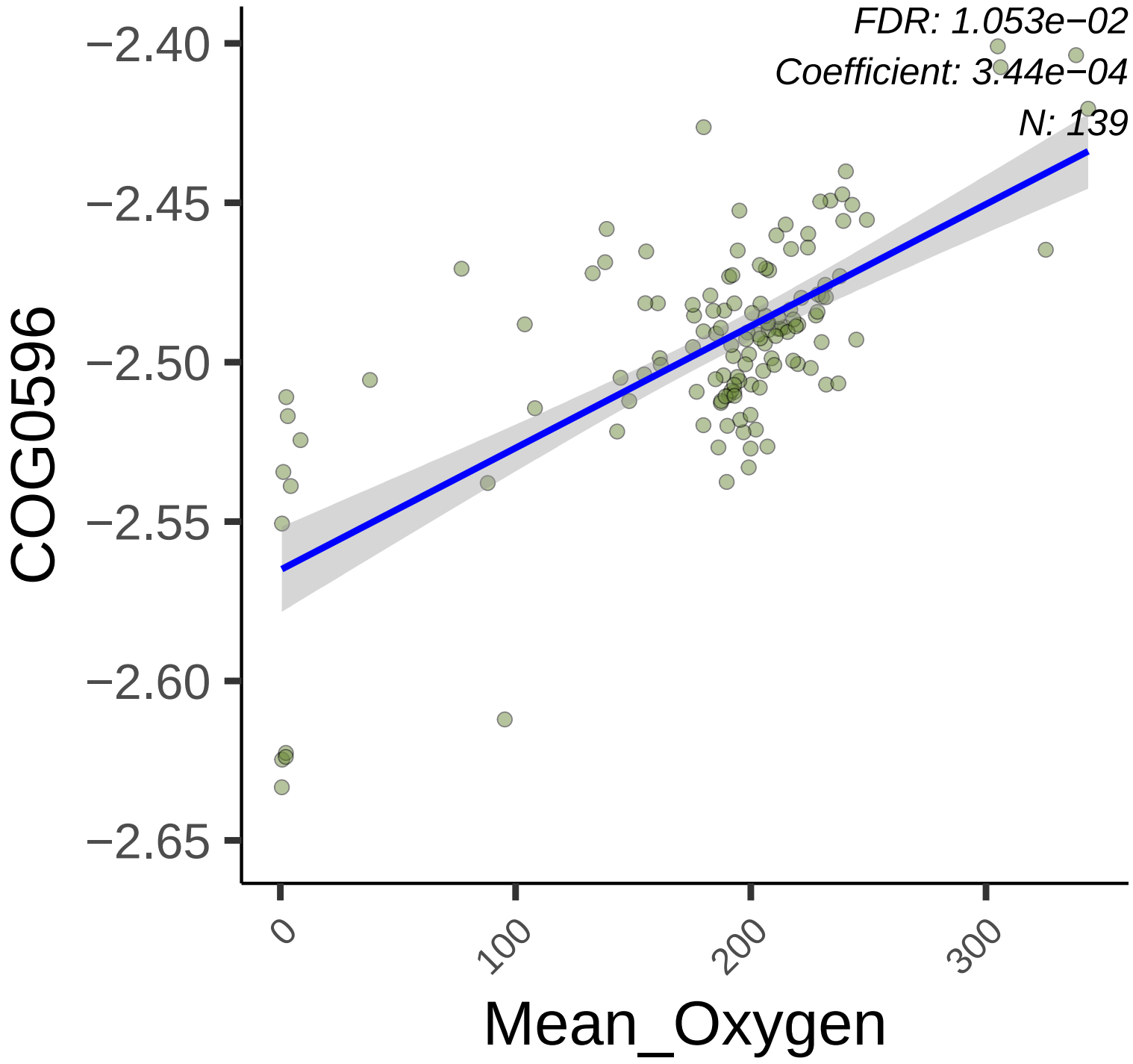
200
300
Mean_Oxygen


FDR: 1.053e−02
Coefficient: 3.44e−04
N: 139
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COG0596
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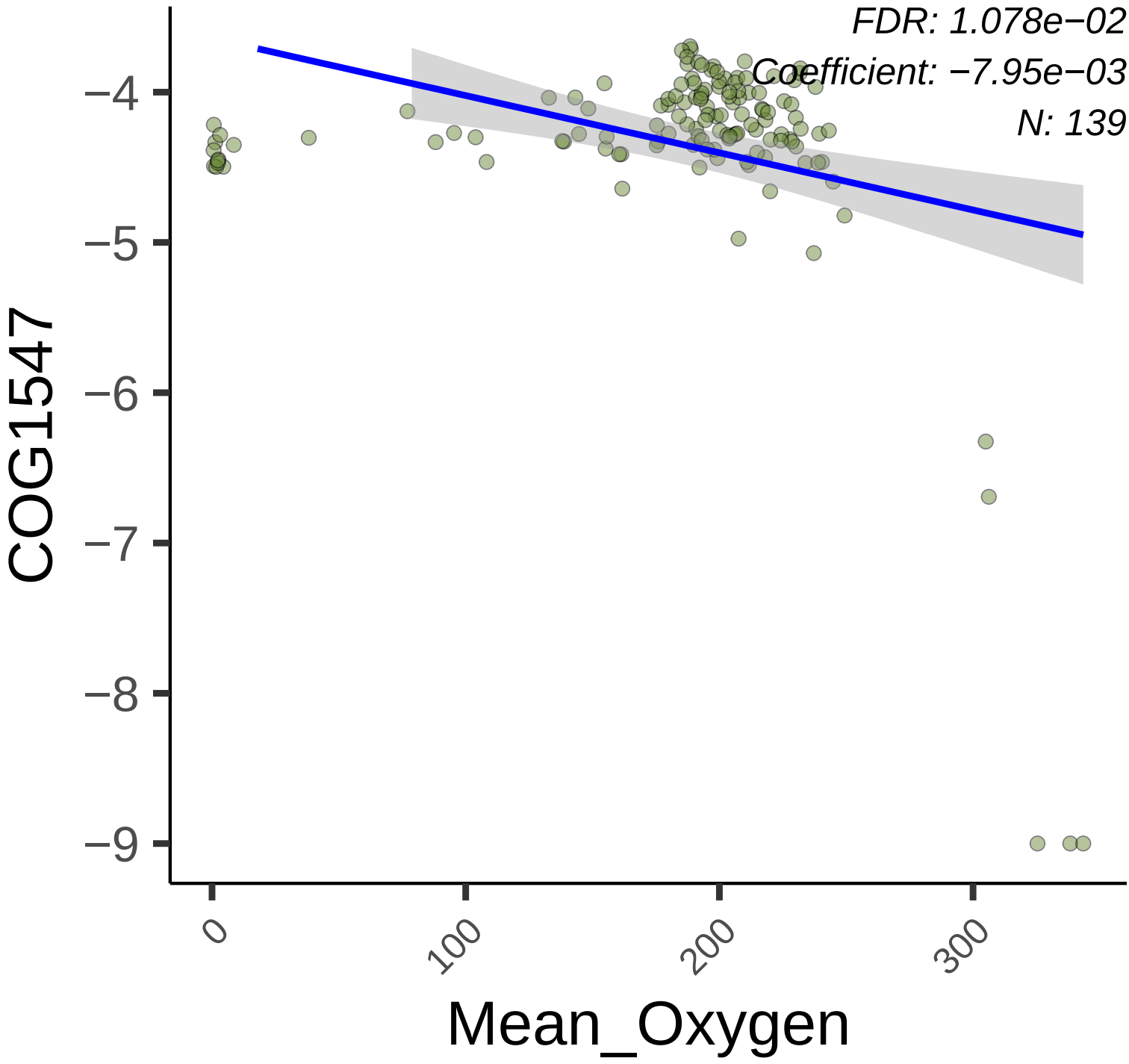
200
300
Mean_Oxygen


FDR: 1.078e−02
Coefficient: −7.95e−03
N: 139
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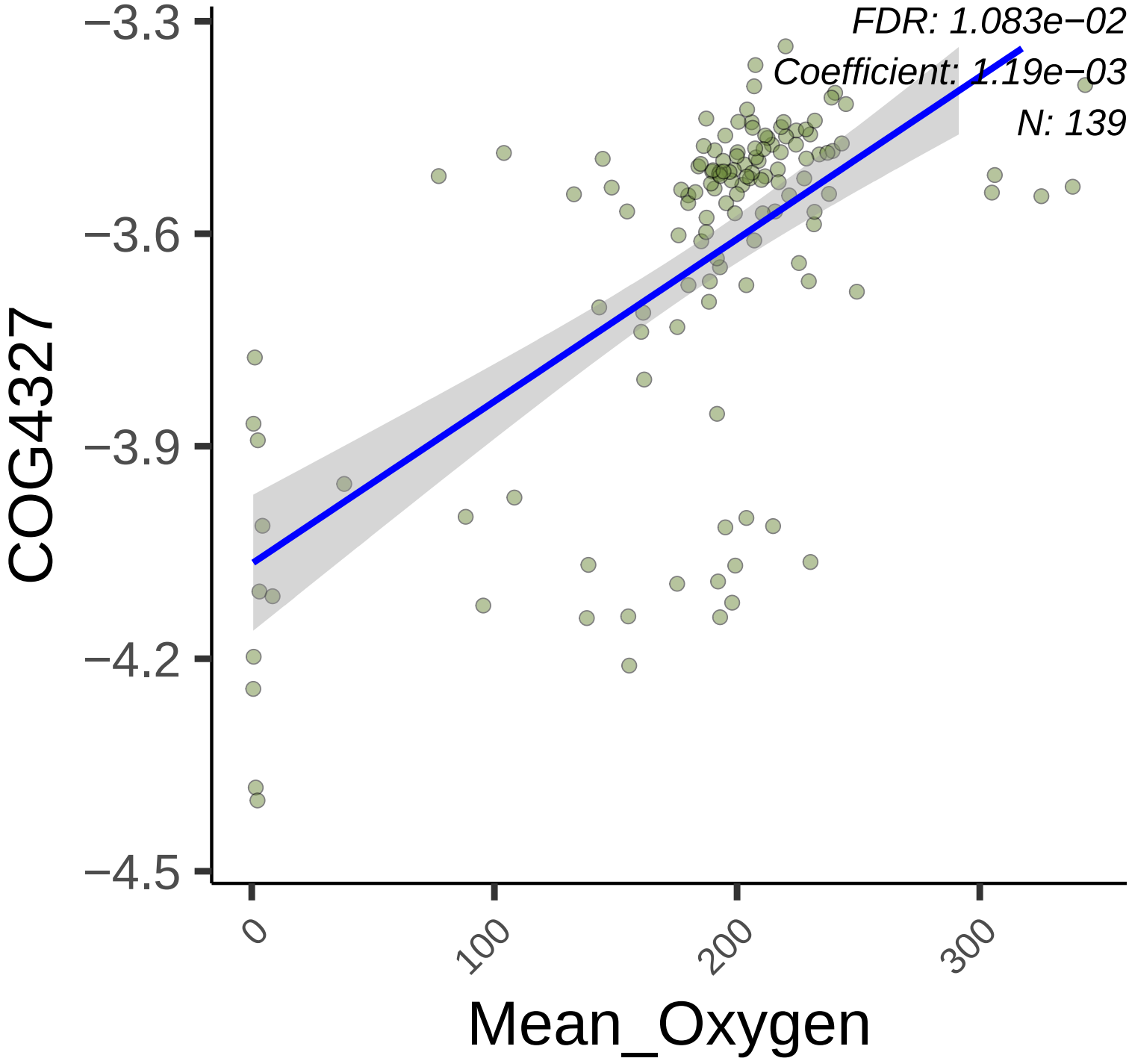
Mean_Oxygen


FDR: 1.083e−02
Coefficient: 1.19e−03
N: 139
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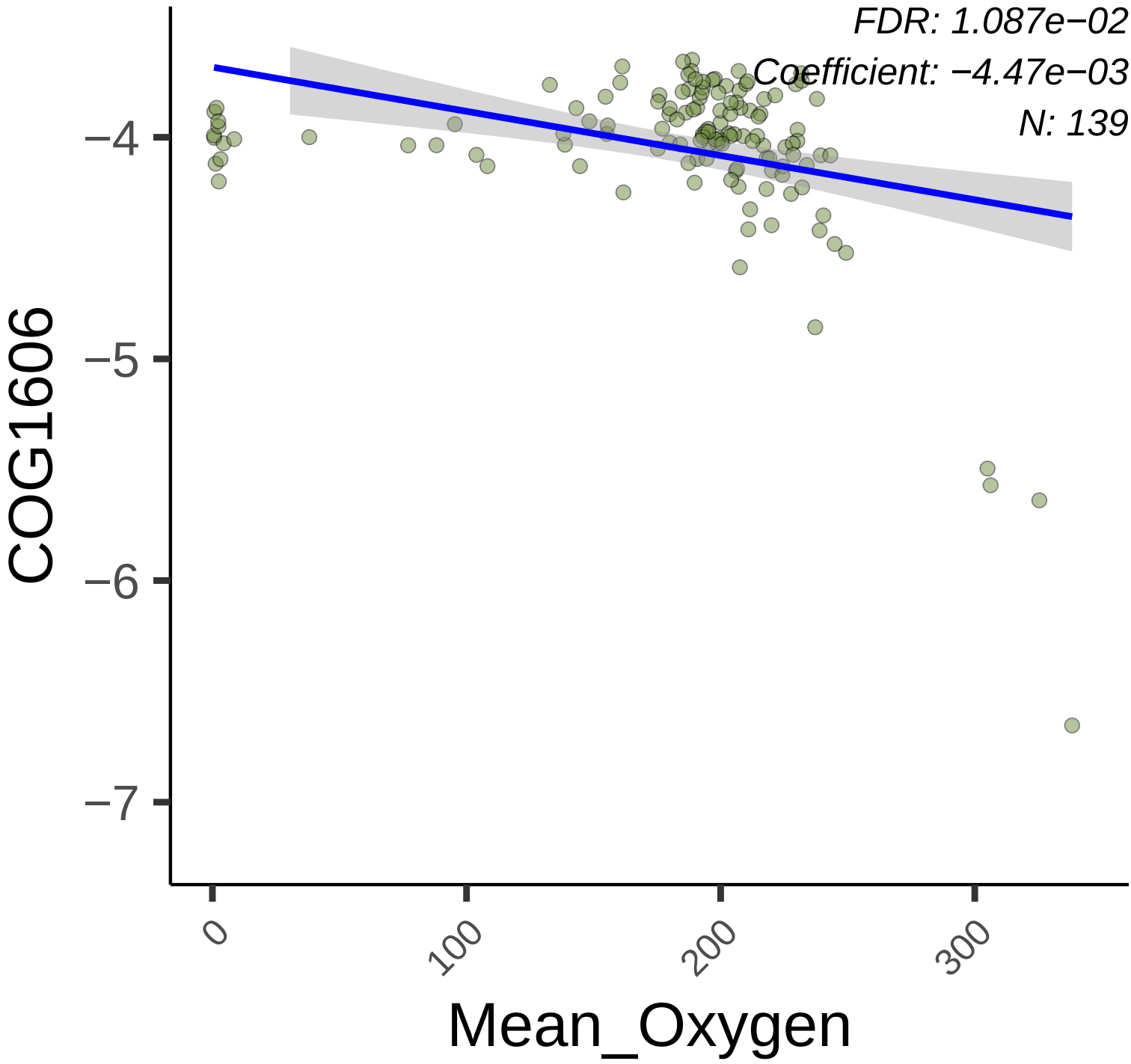
Mean_Oxygen


FDR: 1.087e−02
Coefficient: −4.47e−03
N: 139
COG1606
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−6
−7
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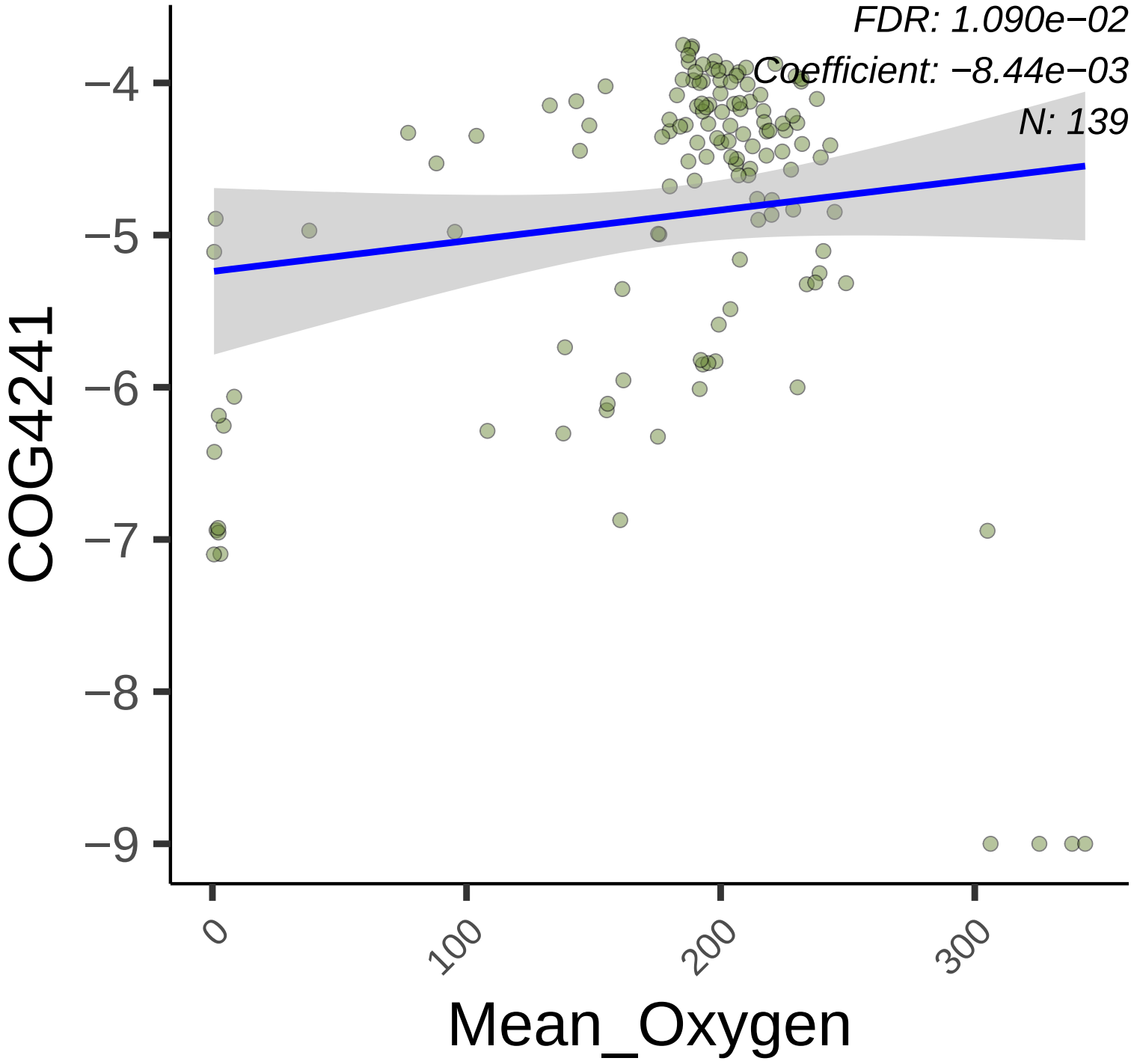
100
200
300
Mean_Oxygen


FDR: 1.090e−02
Coefficient: −8.44e−03
N: 139
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−5
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−9
COG4241
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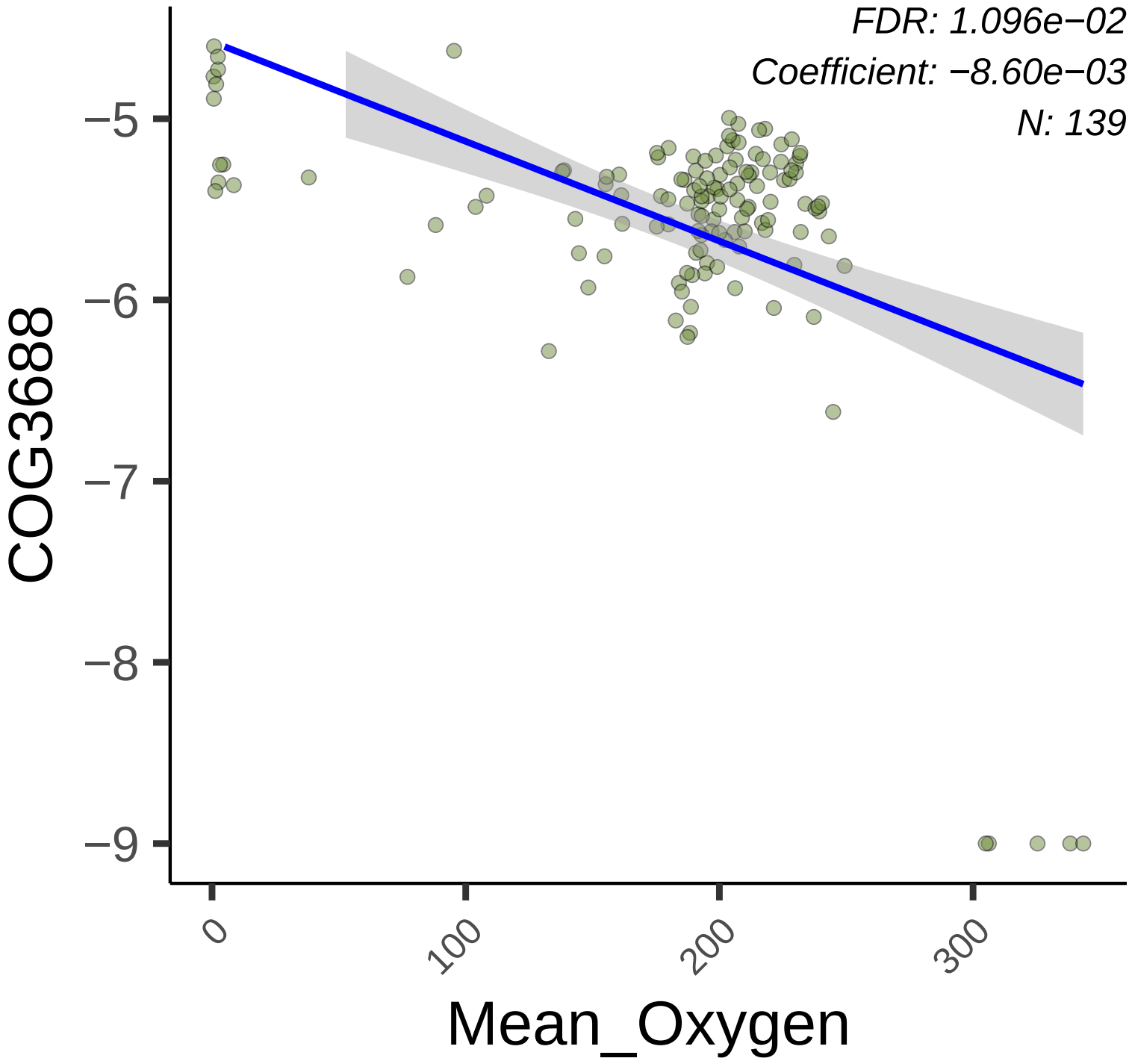
300
Mean_Oxygen


FDR: 1.096e−02
Coefficient: −8.60e−03
N: 139
COG3688
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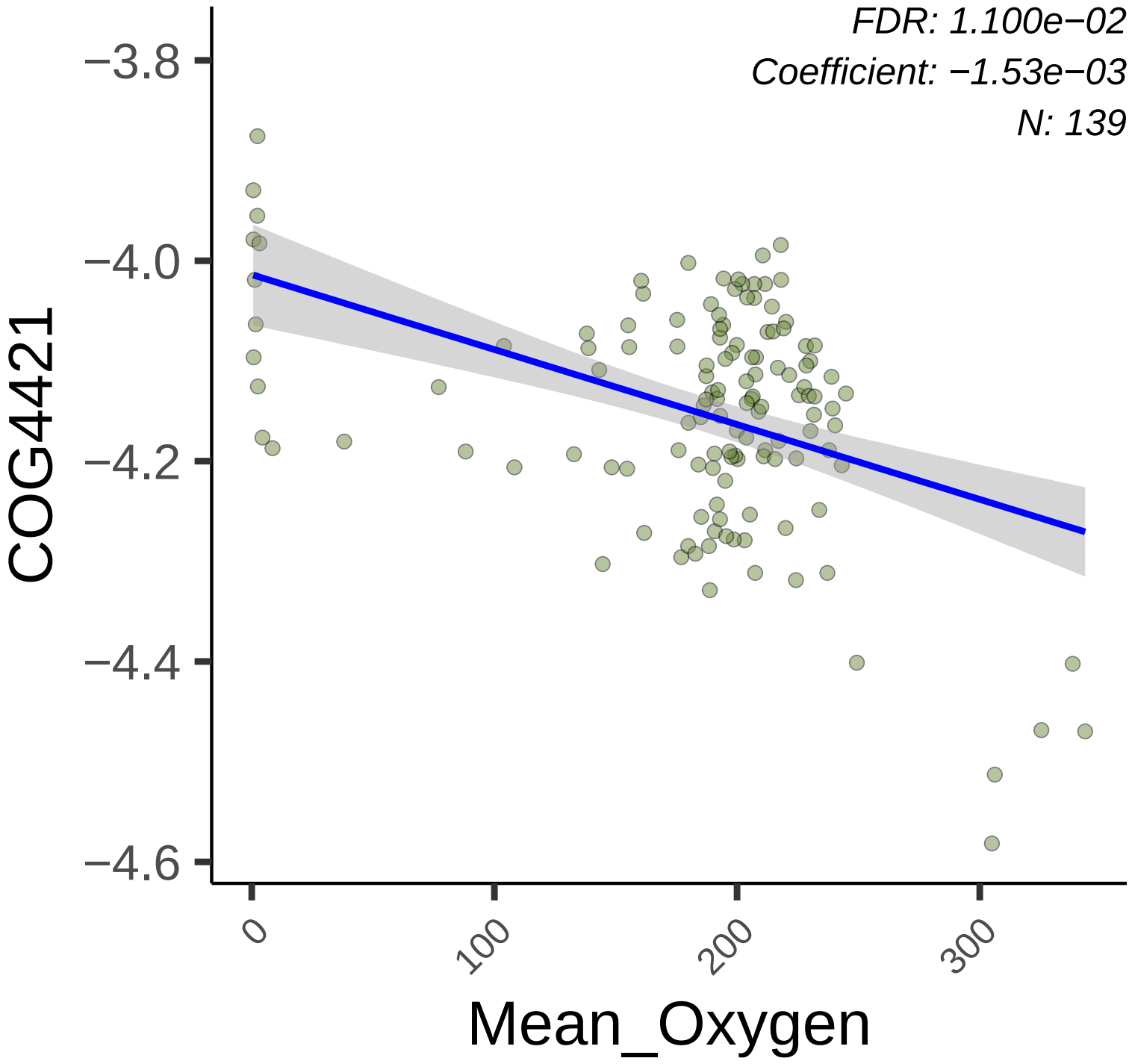
200
300
Mean_Oxygen


FDR: 1.100e−02
Coefficient: −1.53e−03
N: 139
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−4.0
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COG4421
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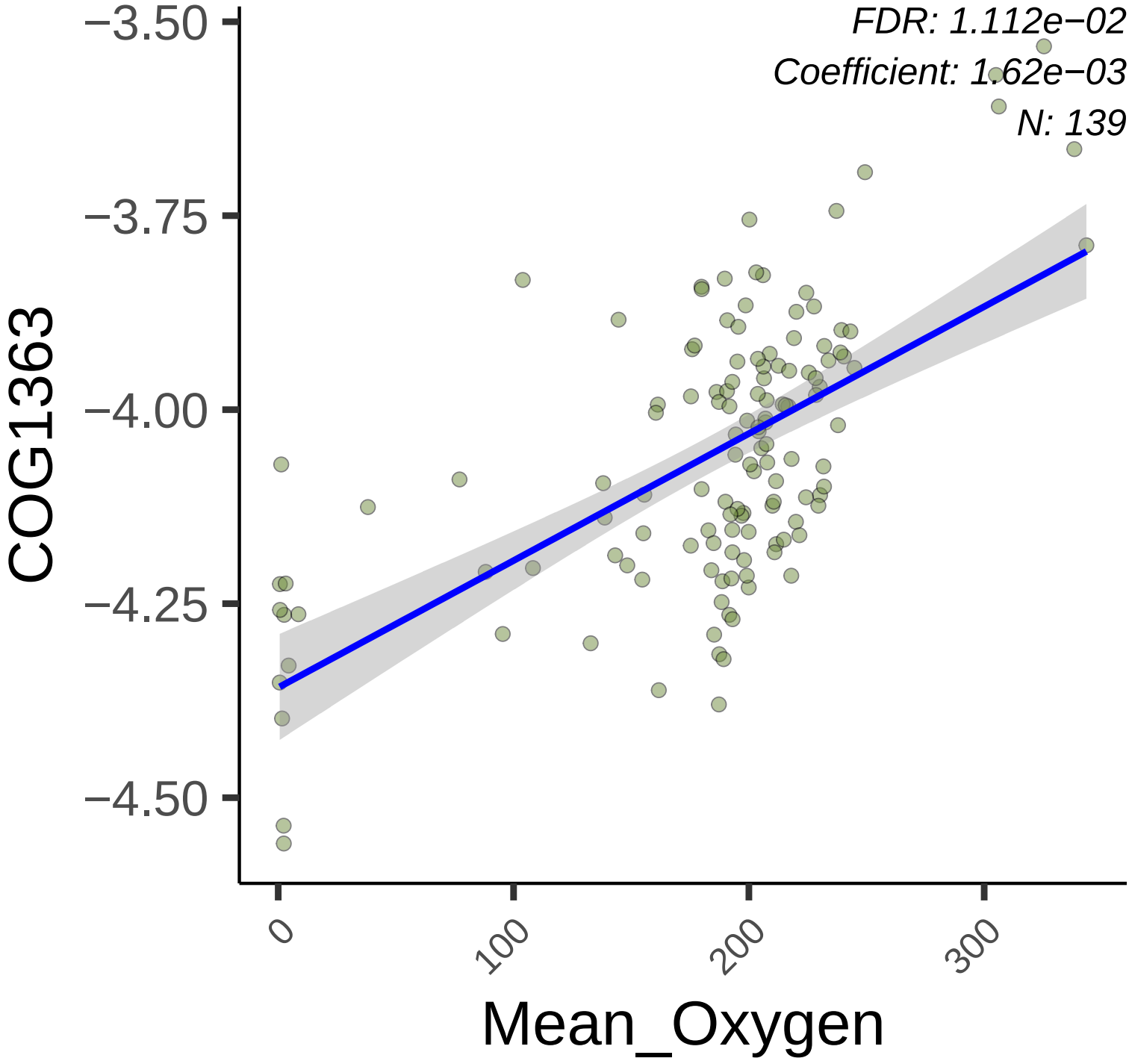
200
300
Mean_Oxygen


FDR: 1.112e−02
Coefficient: 1.62e−03
N: 139
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−3.75
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−4.50
COG1363
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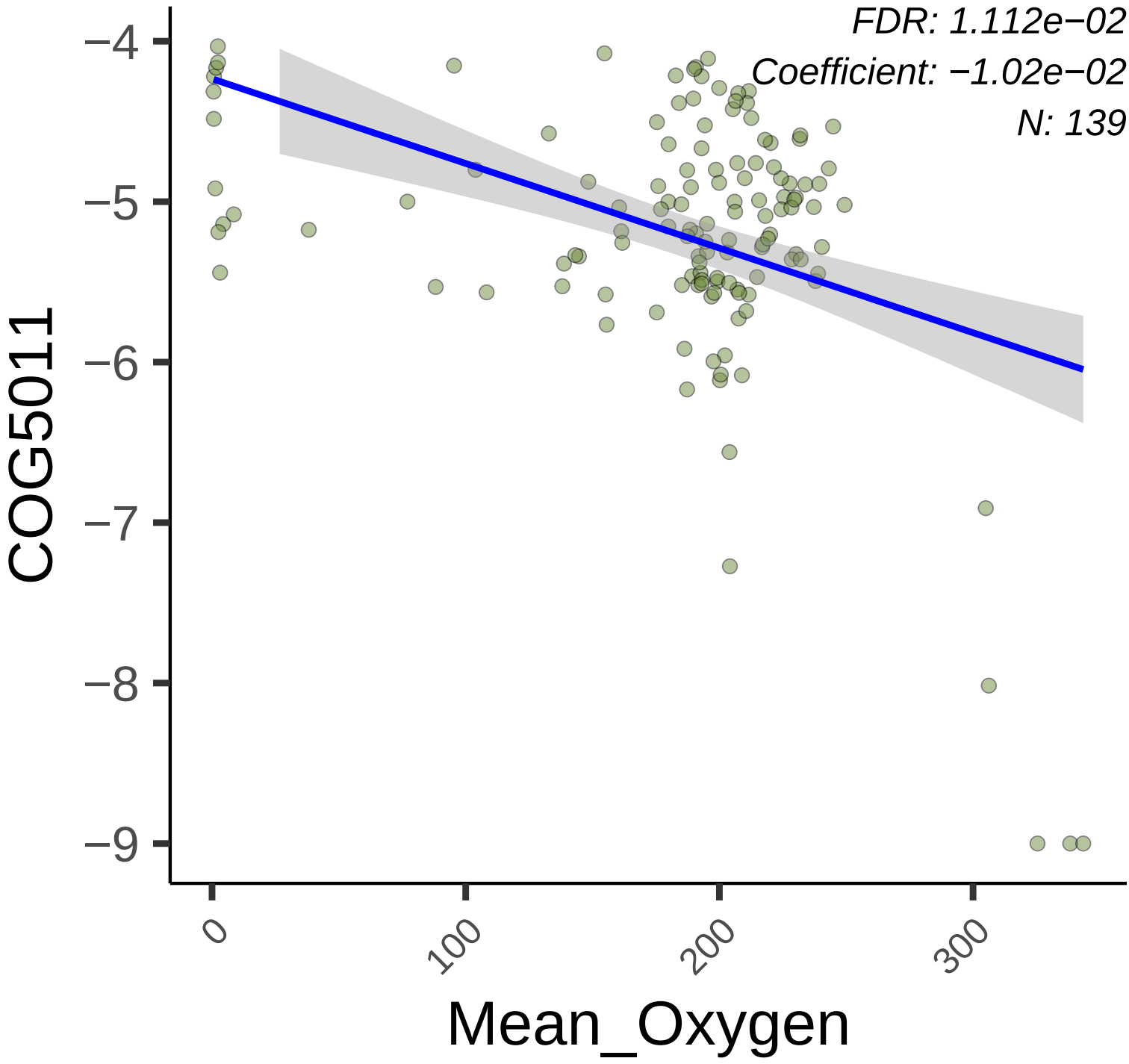
200
300
Mean_Oxygen


FDR: 1.112e−02
Coefficient: −1.02e−02
N: 139
−4
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−6
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COG5011
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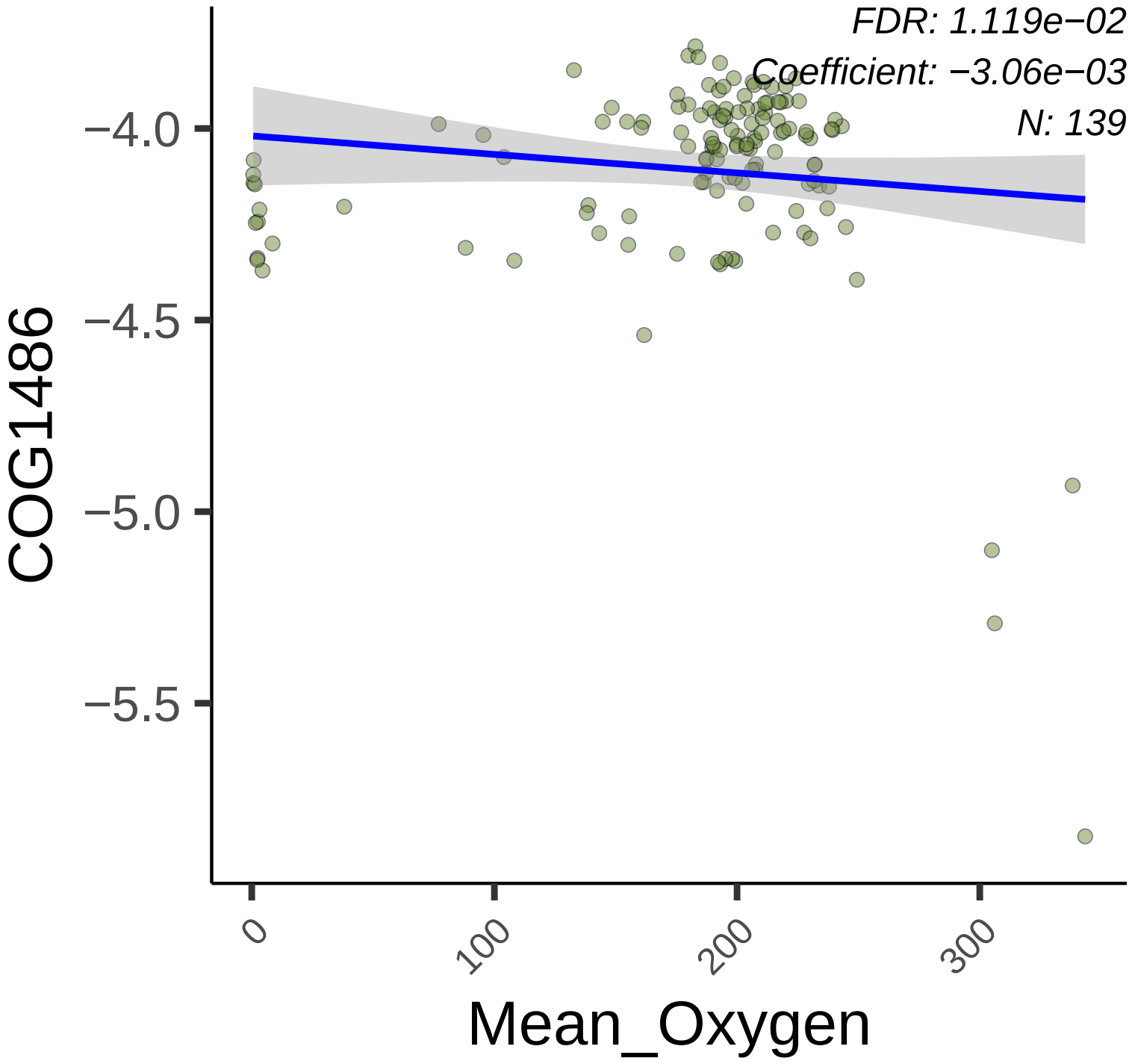
200
300
Mean_Oxygen


FDR: 1.119e−02
Coefficient: −3.06e−03
N: 139
−4.0
−4.5
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−5.5
COG1486
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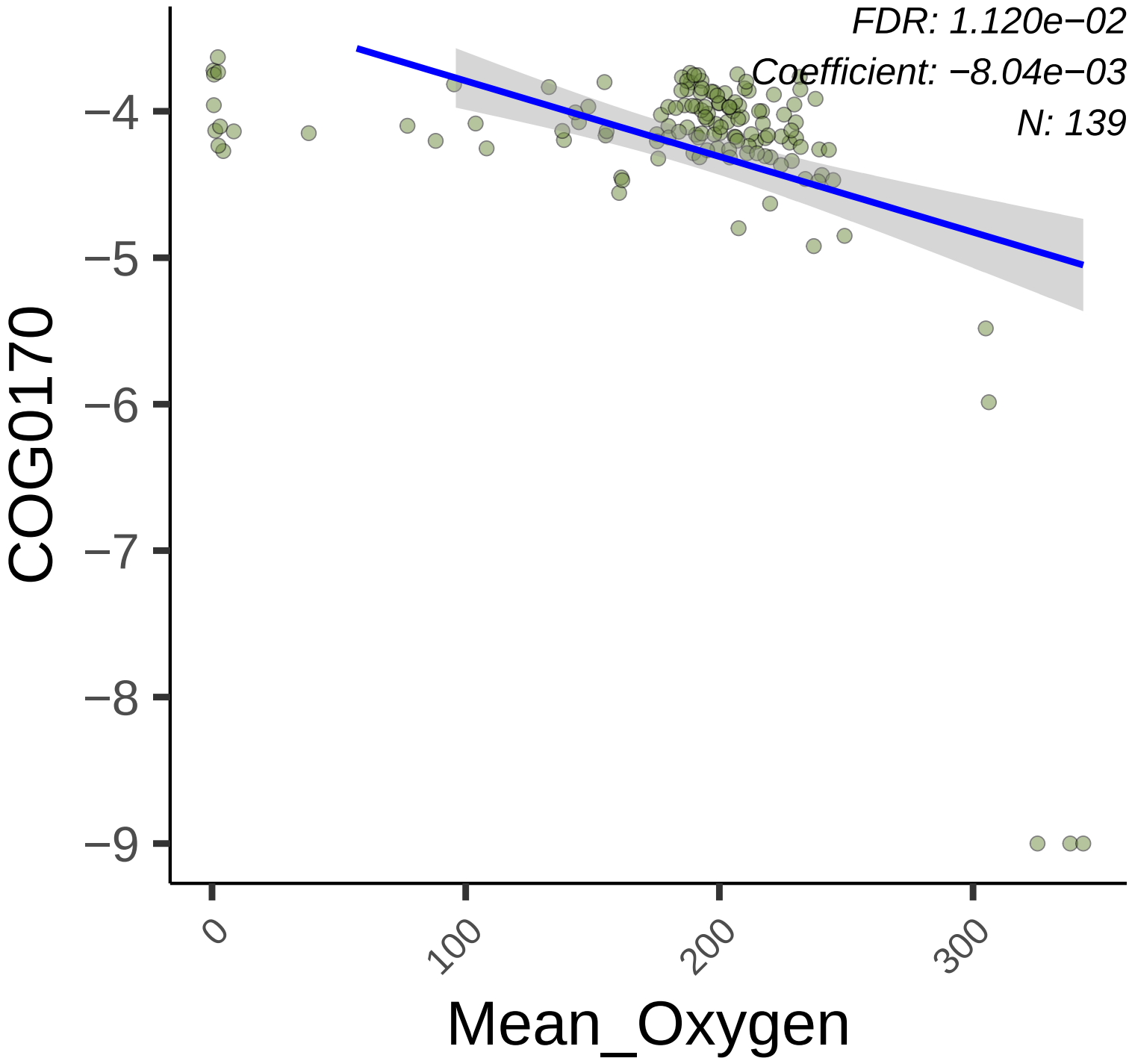
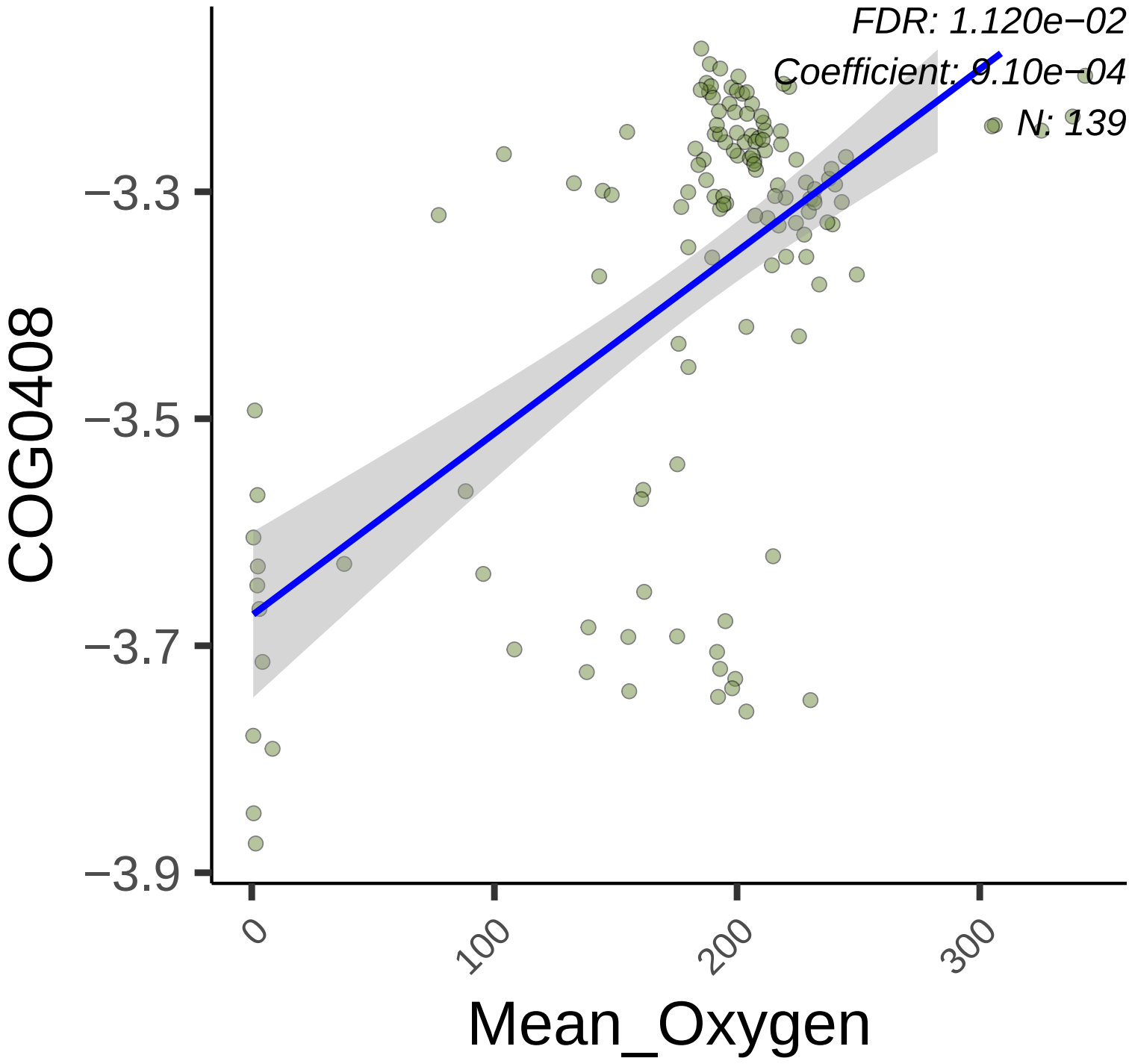
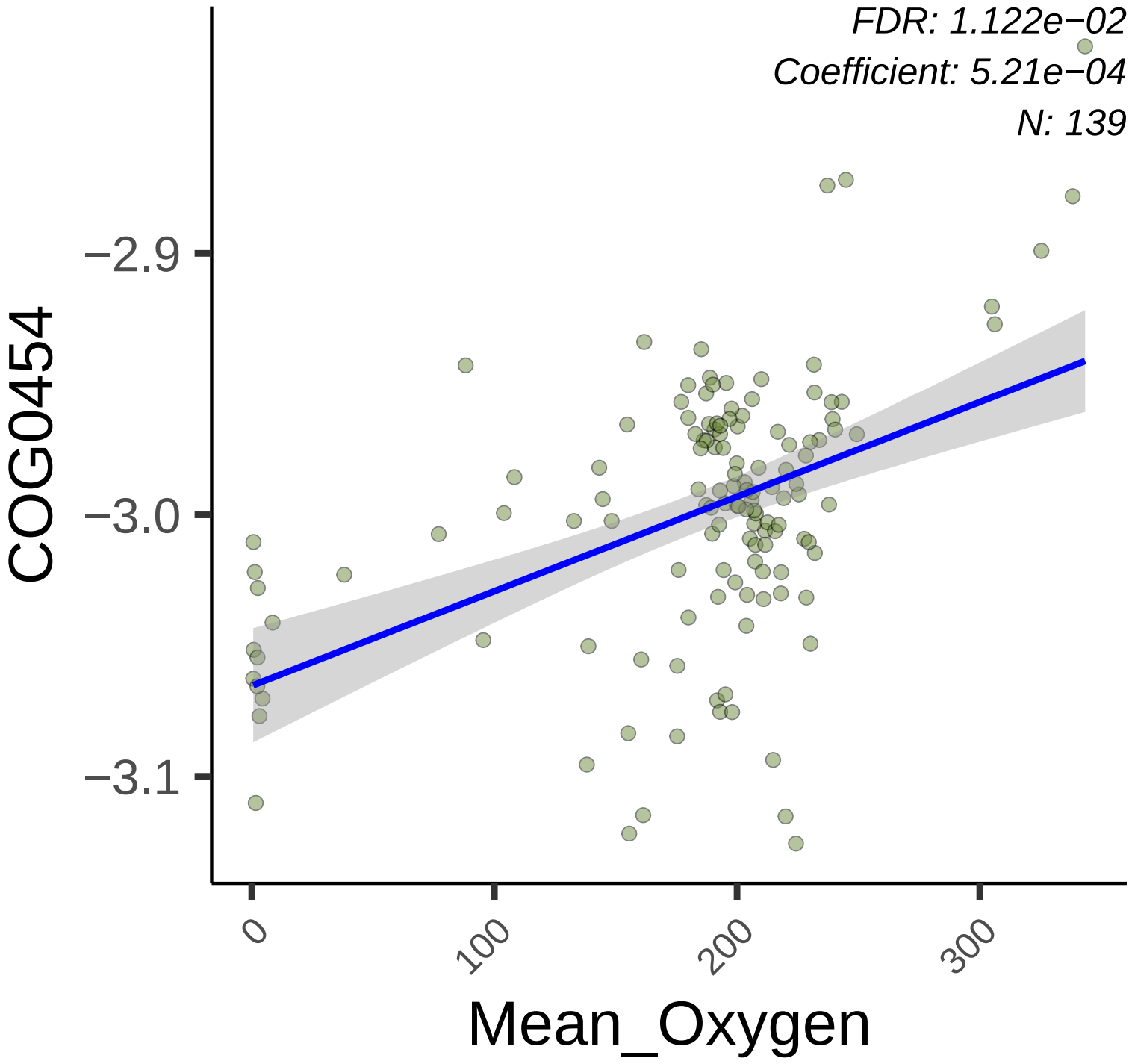
200
300
Mean_Oxygen


FDR: 1.120e−02
Coefficient: −8.04e−03
N: 139
COG0170
−4
−5
−6
−7
−8
−9
0
100
200
300
Mean_Oxygen


FDR: 1.120e−02
Coefficient: 9.10e−04
N: 139
−3.3
−3.5
−3.7
−3.9
COG0408
0
100
200
300
Mean_Oxygen


FDR: 1.122e−02
Coefficient: 5.21e−04
N: 139
COG0454
−2.9
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−3.1
0
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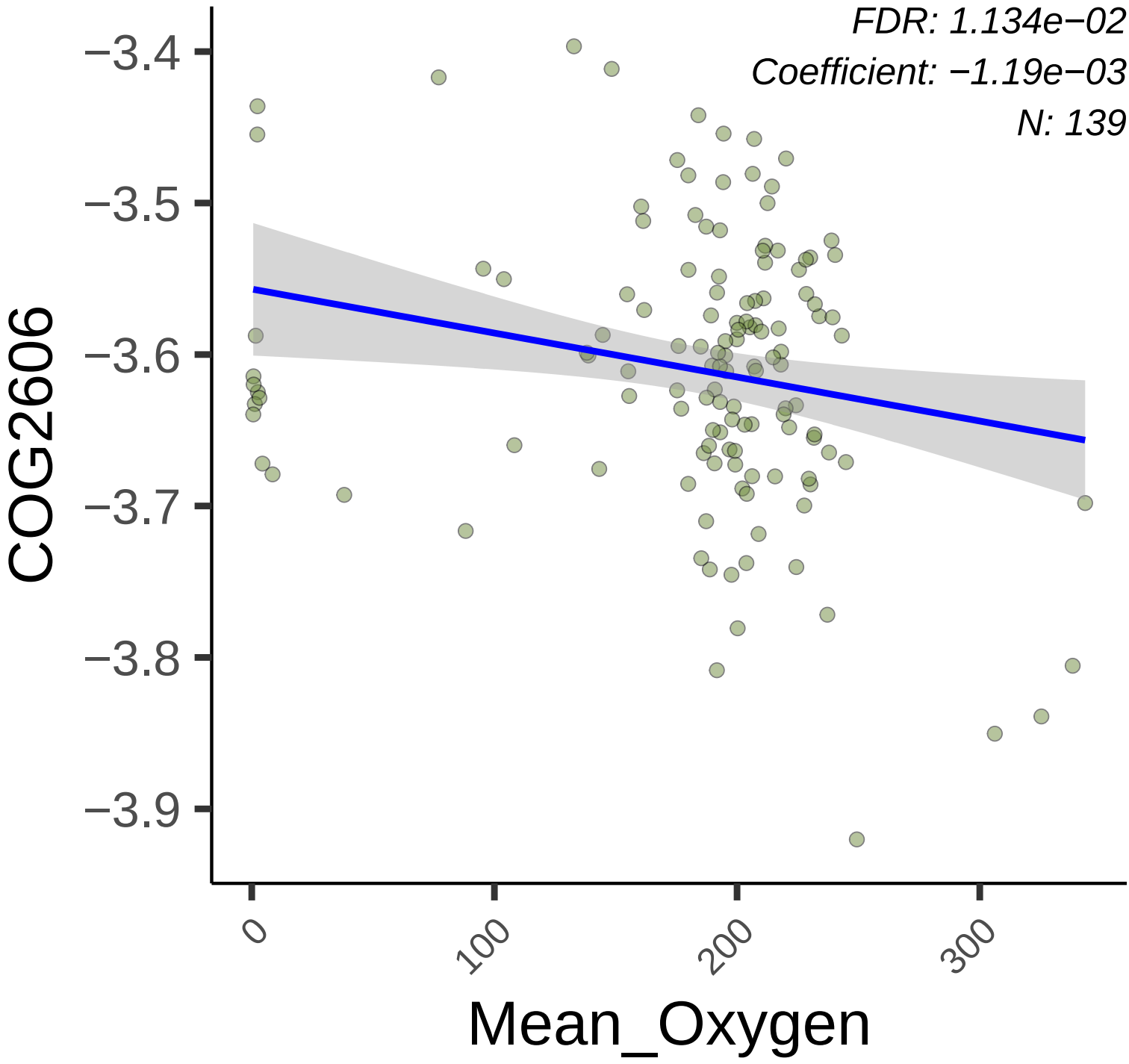
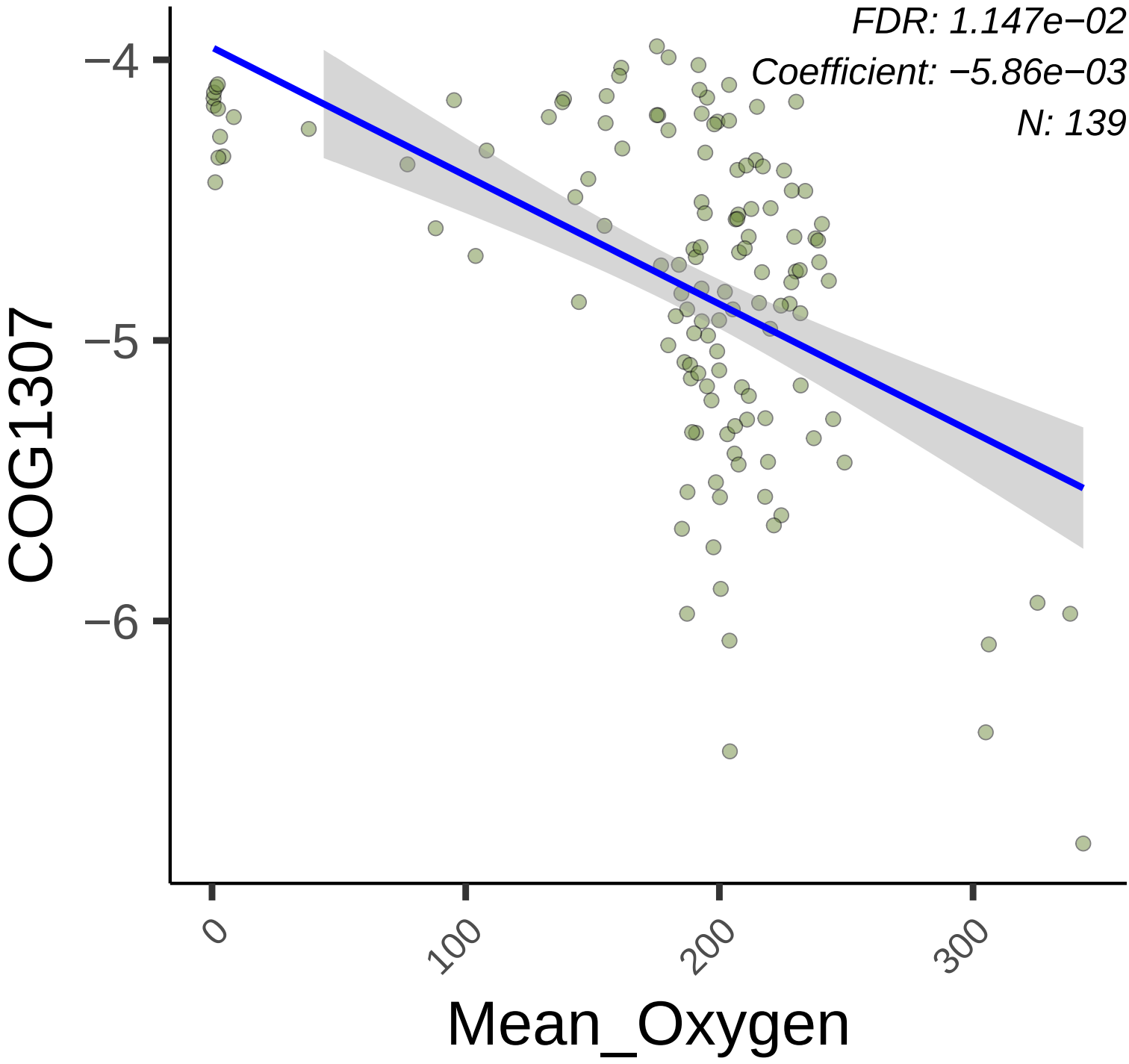
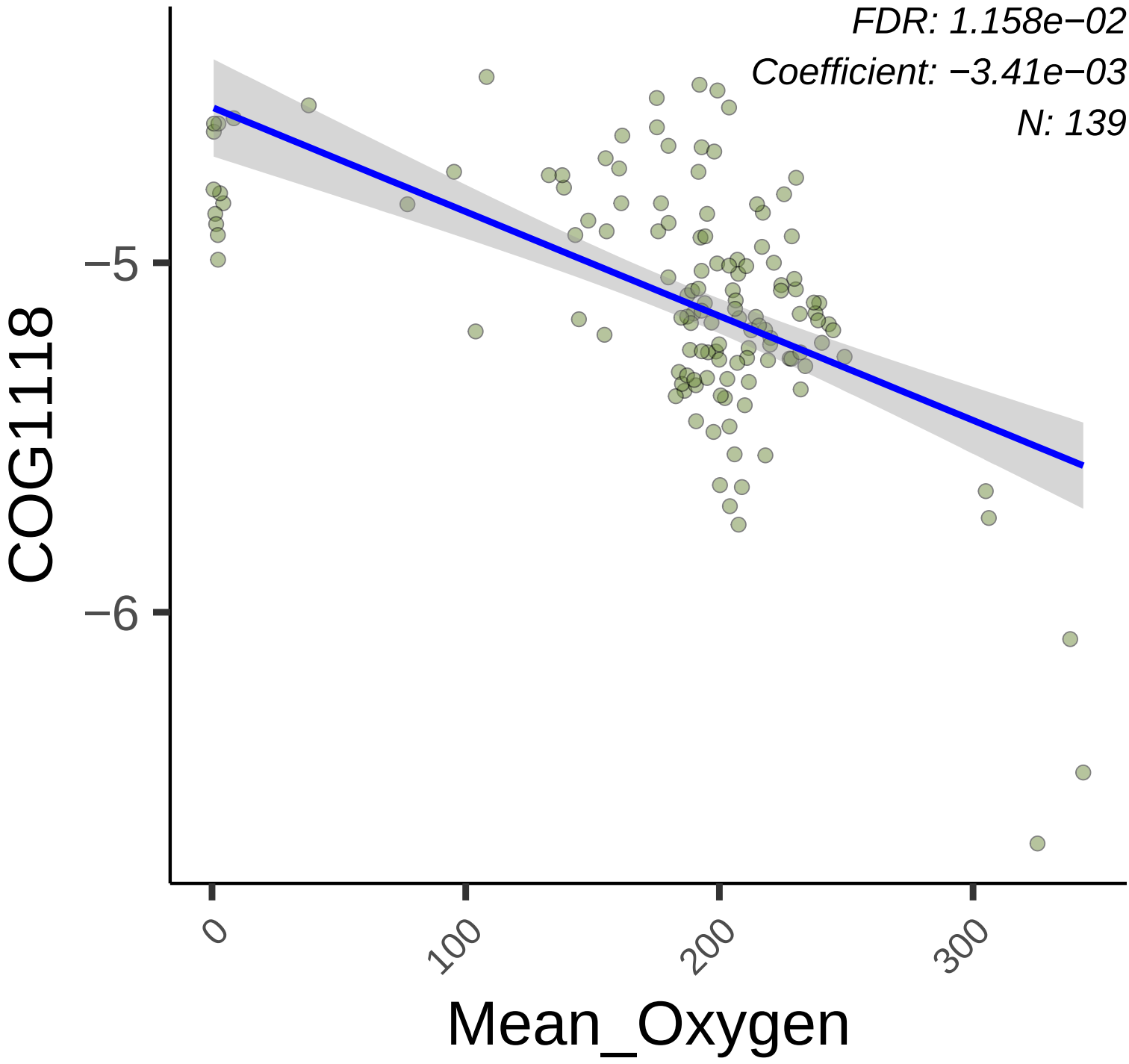
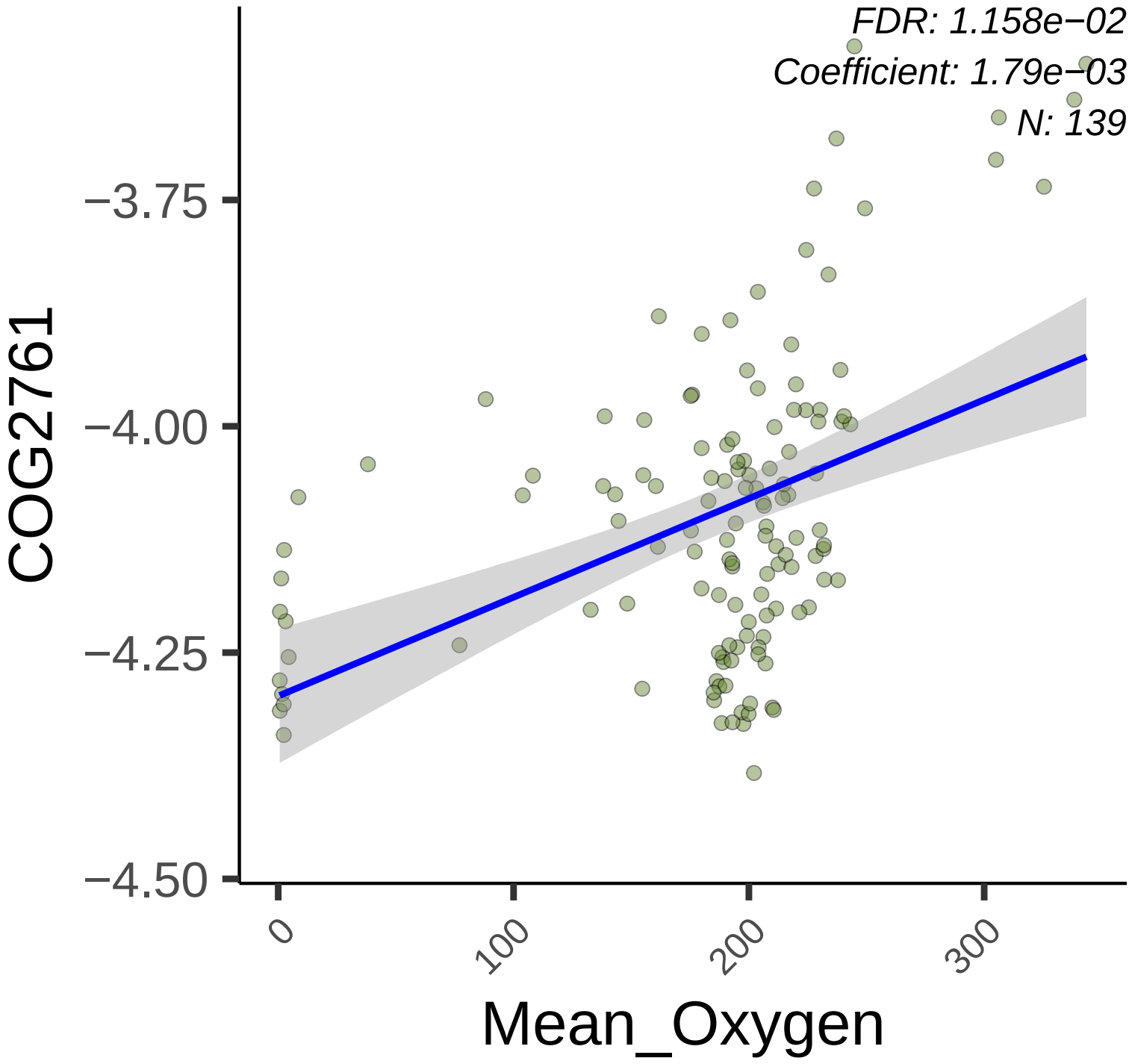
200
300
Mean_Oxygen


FDR: 1.134e−02
Coefficient: −1.19e−03
N: 139
−3.4
−3.5
−3.6
−3.7
−3.8
−3.9
COG2606
0
100
200
300
Mean_Oxygen


FDR: 1.147e−02
Coefficient: −5.86e−03
N: 139
−4
−5
−6
COG1307
0
100
200
300
Mean_Oxygen


FDR: 1.158e−02
Coefficient: −3.41e−03
N: 139
COG1118
−5
−6
0
100
200
300
Mean_Oxygen


FDR: 1.158e−02
Coefficient: 1.79e−03
N: 139
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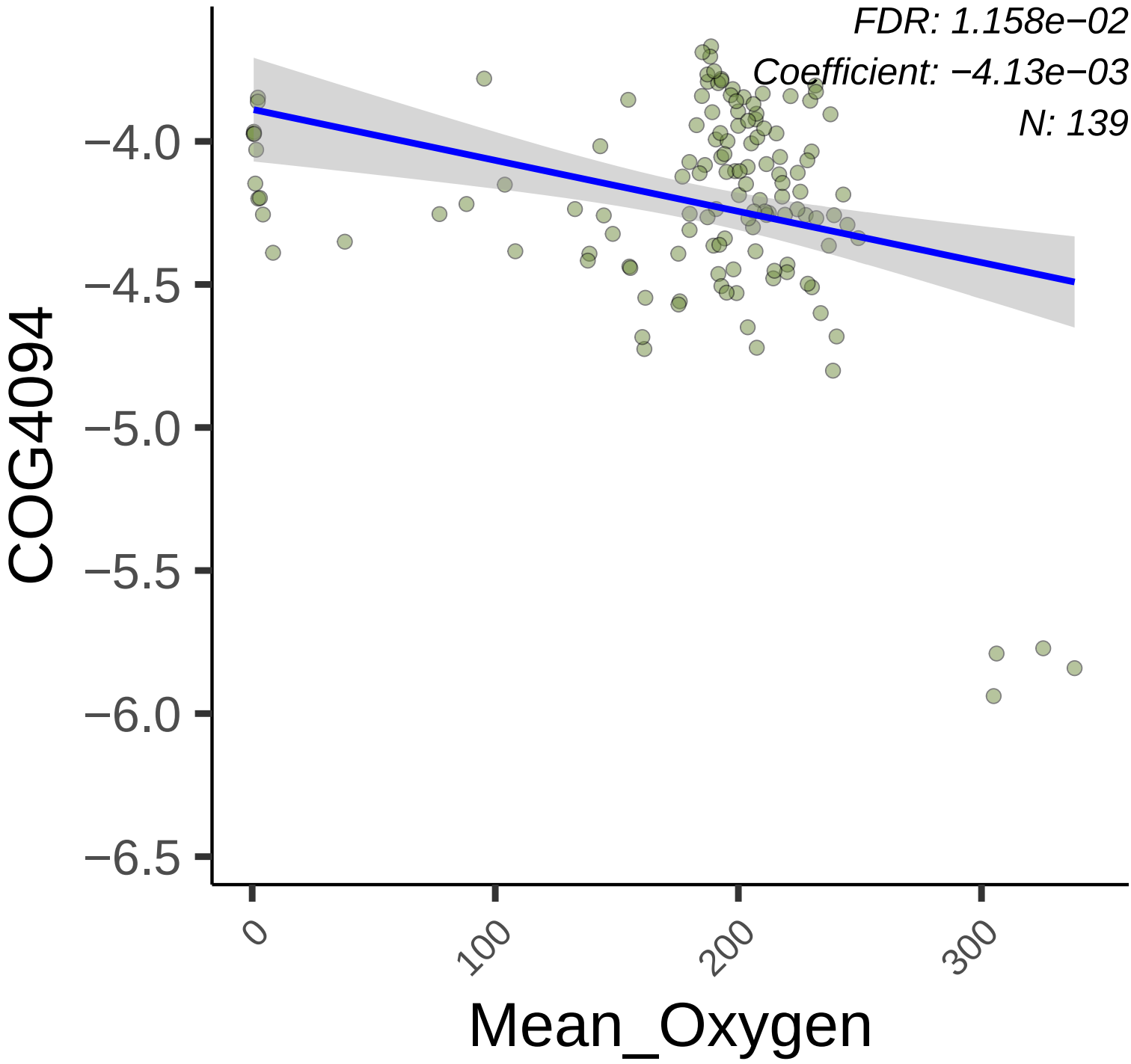
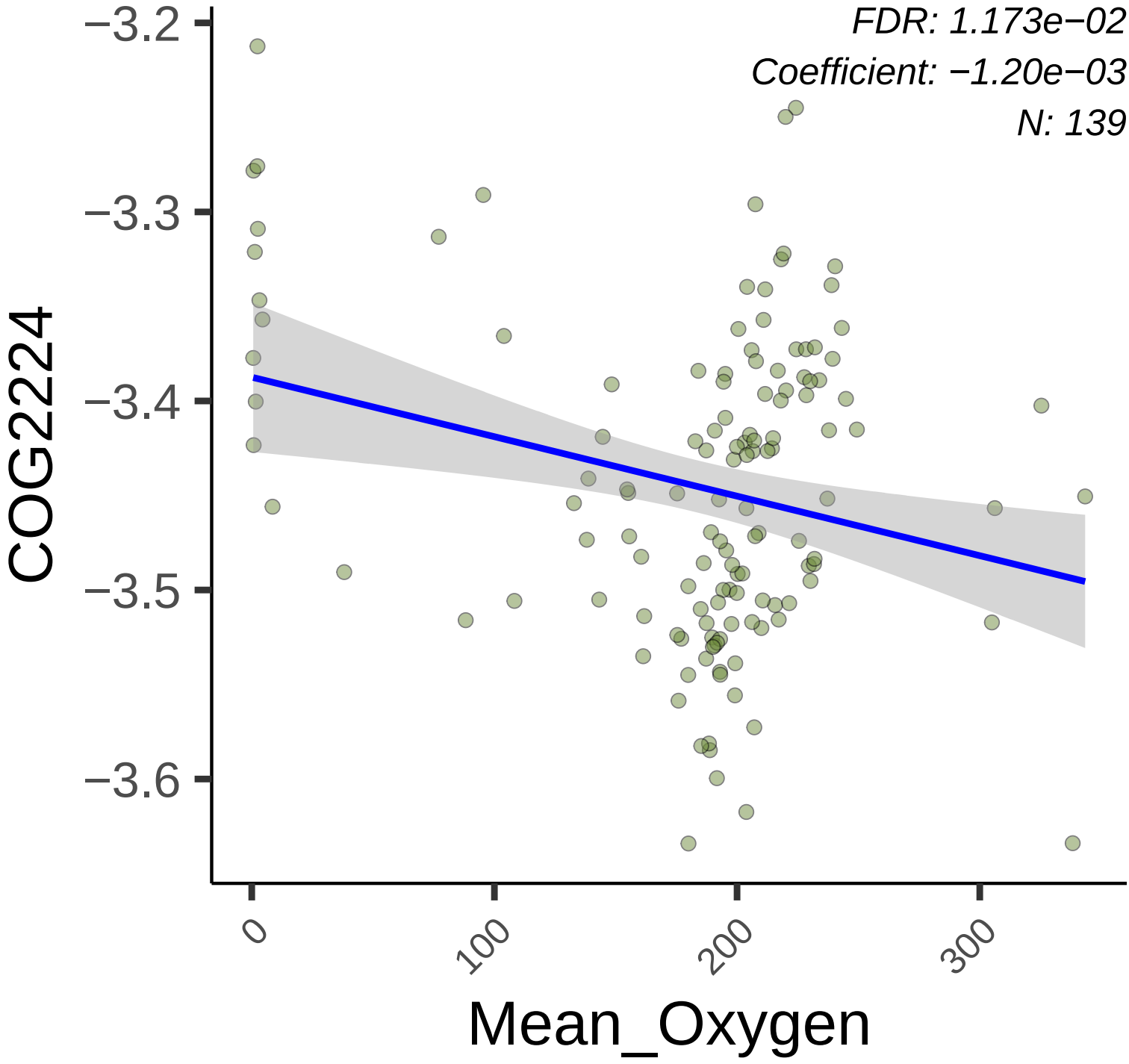
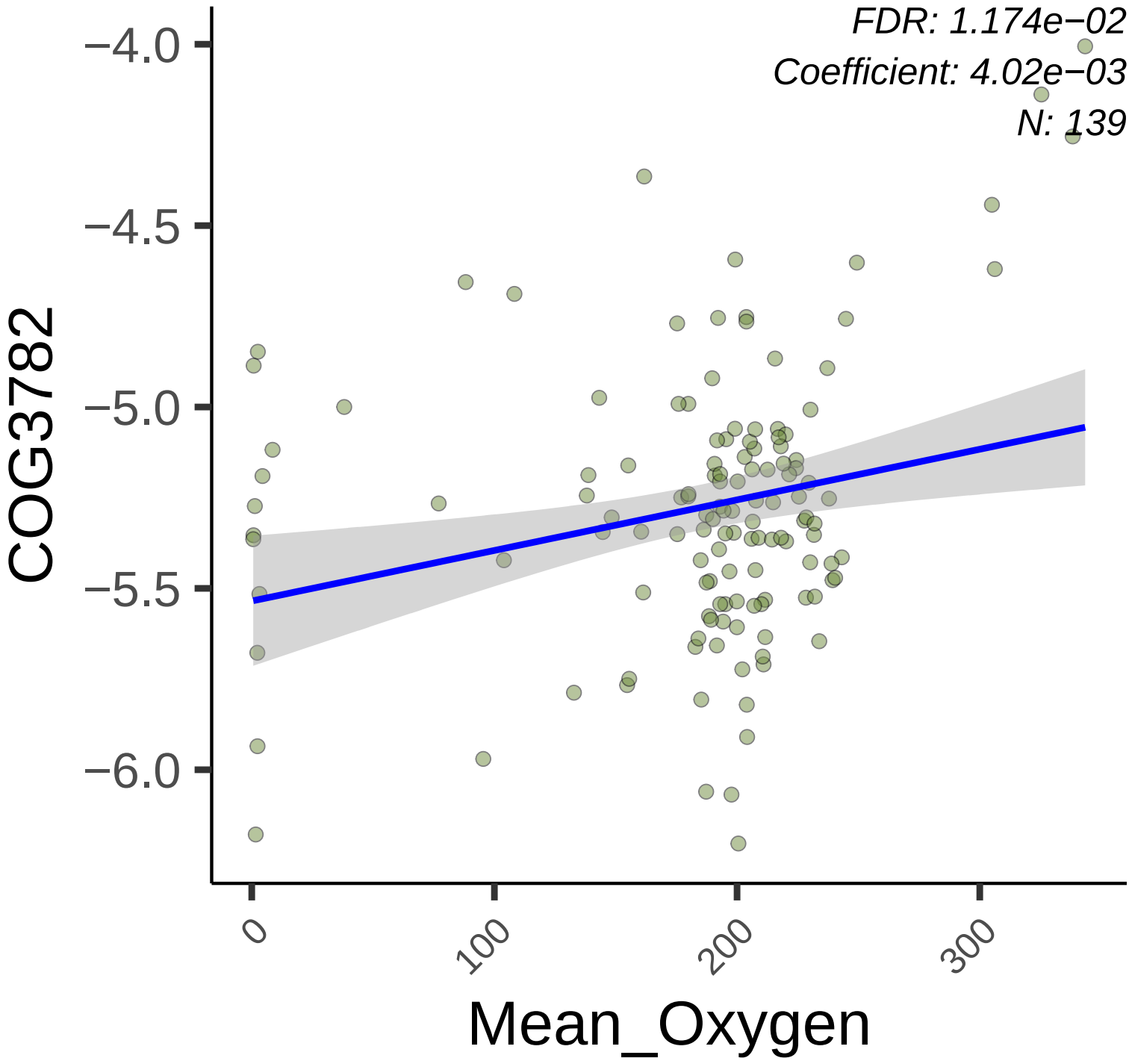
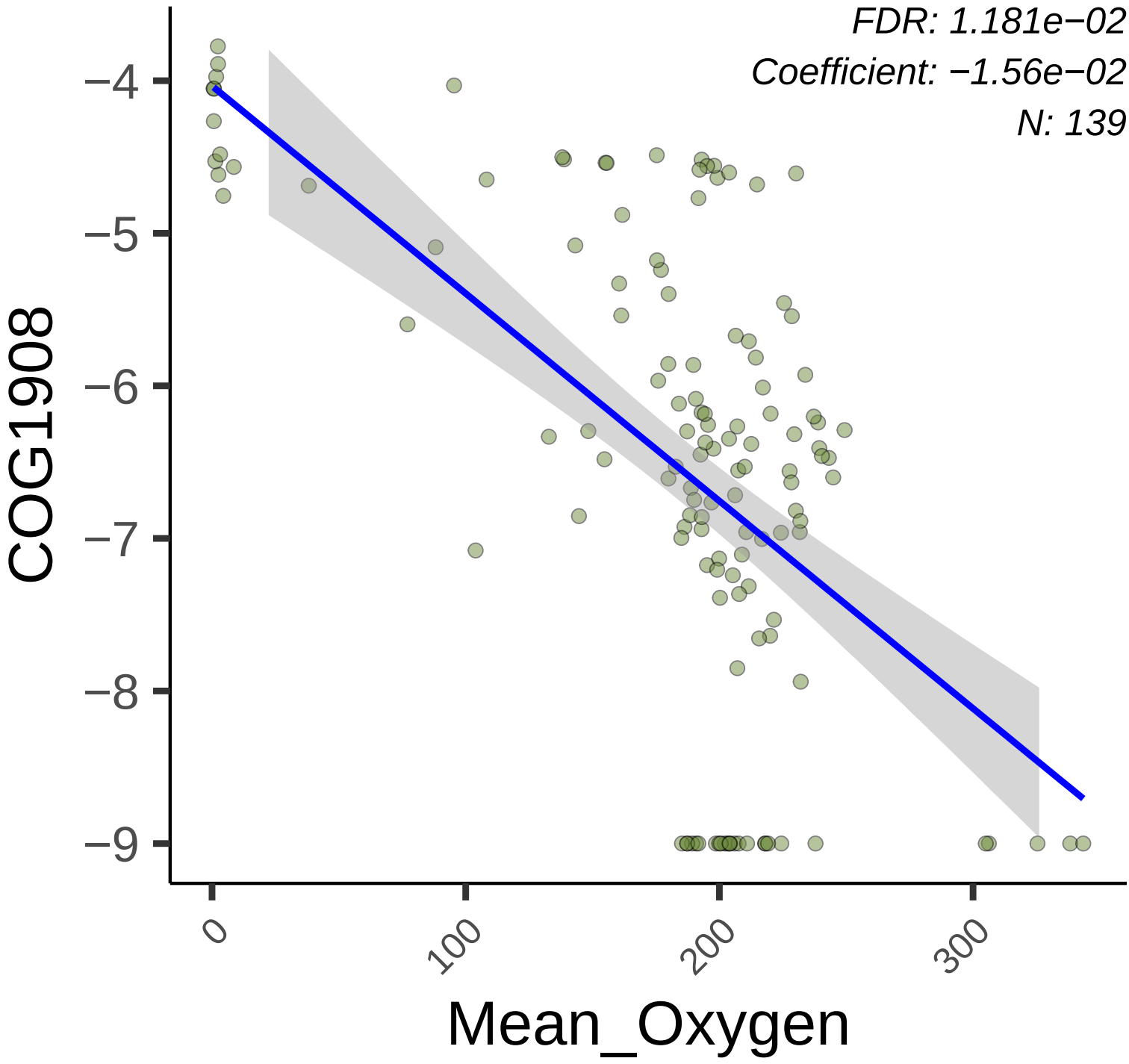
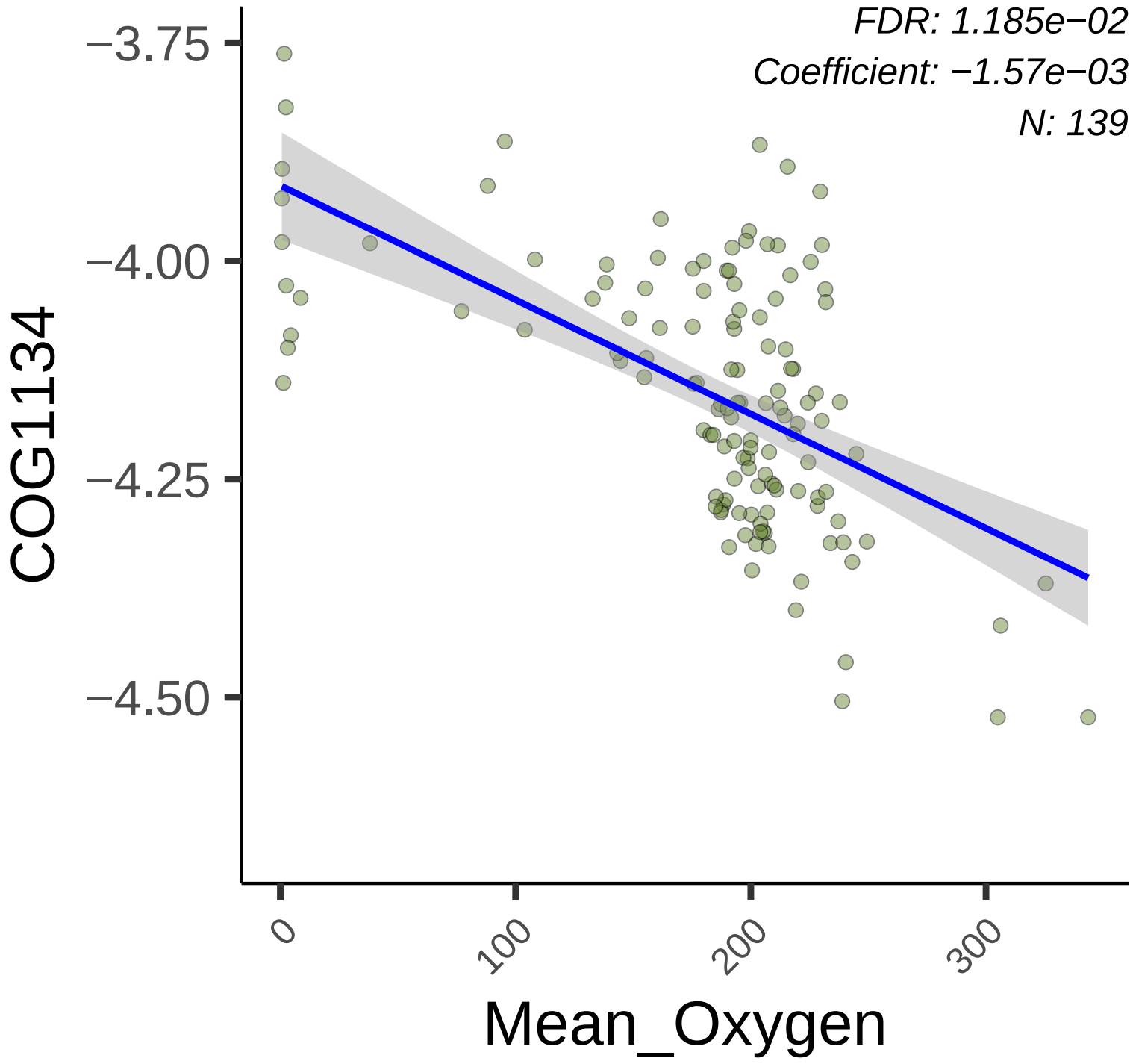
−4.00
−4.25
−4.50
COG2761
0
100
200
300
Mean_Oxygen

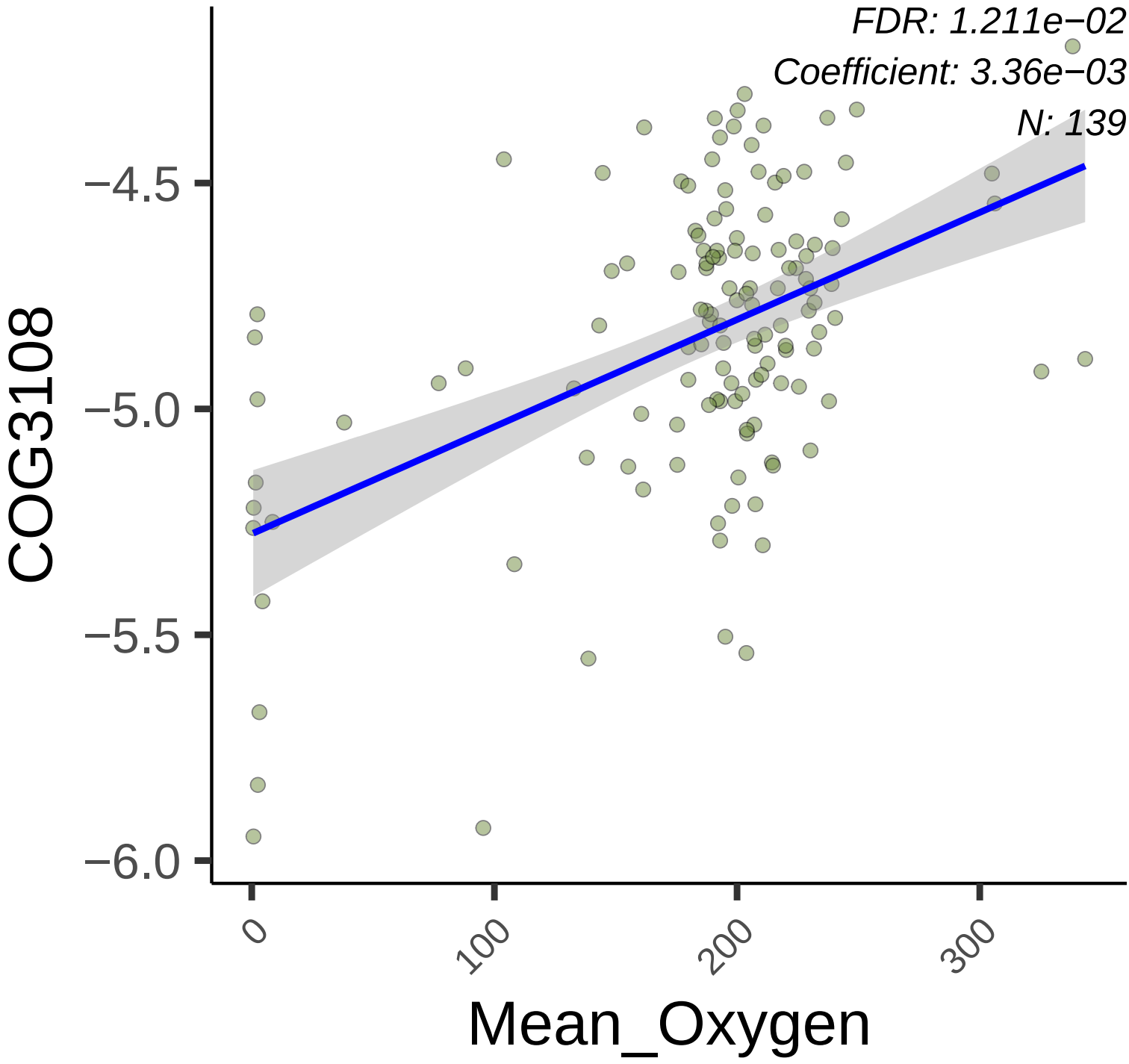

FDR: 1.158e−02
Coefficient: −4.13e−03
N: 139
−4.0
−4.5
−5.0
−5.5
−6.0
−6.5
COG4094
0
100
200
300
Mean_Oxygen

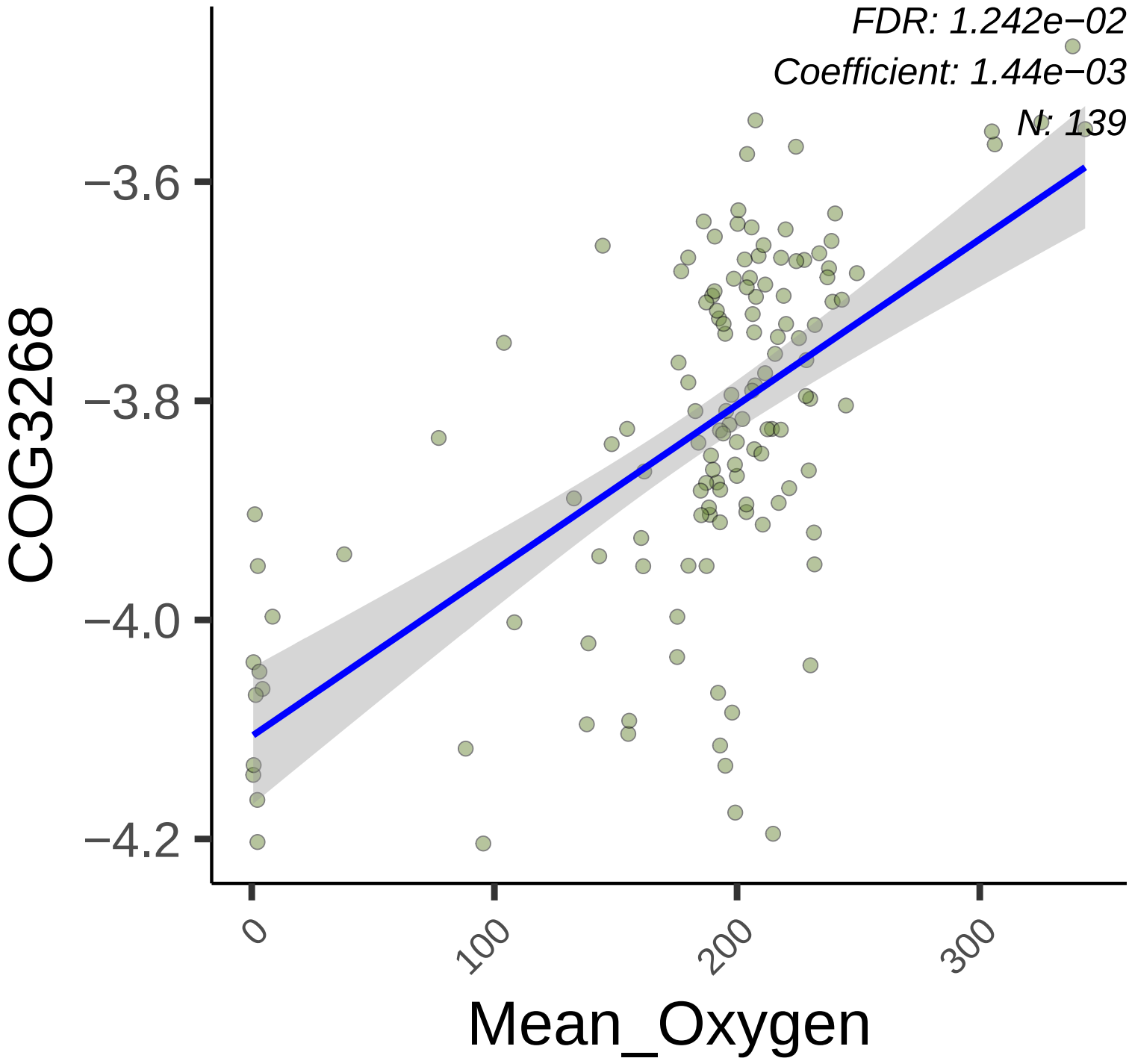

FDR: 1.173e−02
Coefficient: −1.20e−03
N: 139
−3.2
−3.3
−3.4
−3.5
−3.6
COG2224
0
100
200
300
Mean_Oxygen

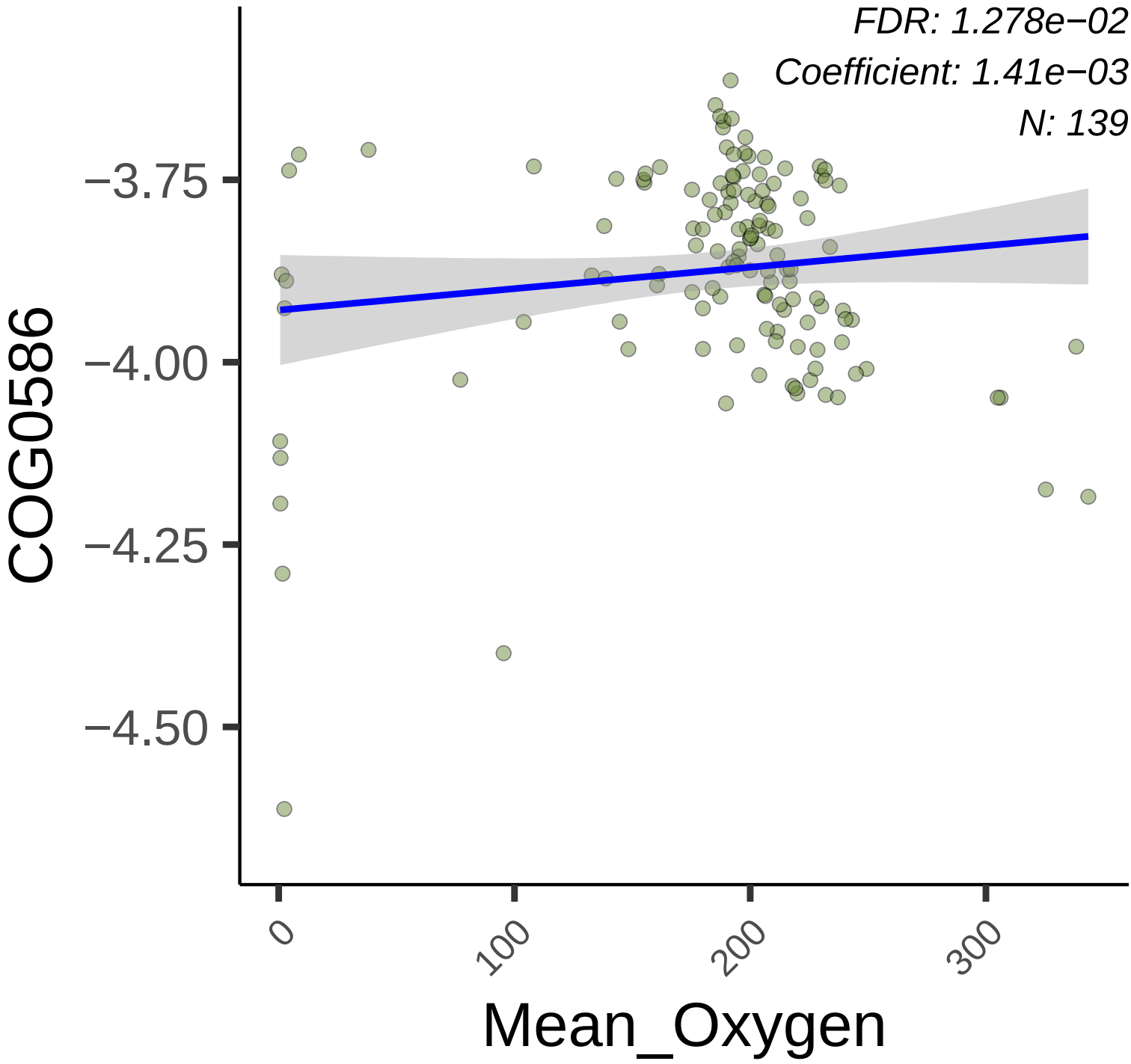

FDR: 1.174e−02
Coefficient: 4.02e−03
N: 139
−4.0
−4.5
−5.0
−5.5
−6.0
COG3782
0
100
200
300
Mean_Oxygen


FDR: 1.181e−02
Coefficient: −1.56e−02
N: 139
COG1908
−4
−5
−6
−7
−8
−9
0
100
200
300
Mean_Oxygen


FDR: 1.185e−02
Coefficient: −1.57e−03
N: 139
−3.75
−4.00
−4.25
−4.50
COG1134
0
100
200
300
Mean_Oxygen


FDR: 1.211e−02
Coefficient: 3.36e−03
N: 139
COG3108
−4.5
−5.0
−5.5
−6.0
0
100
200
300
Mean_Oxygen


FDR: 1.242e−02
Coefficient: 1.44e−03
N: 139
−3.6
−3.8
−4.0
−4.2
COG3268
0
100
200
300
Mean_Oxygen


FDR: 1.278e−02
Coefficient: 1.41e−03
N: 139
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−4.00
−4.25
−4.50
COG0586
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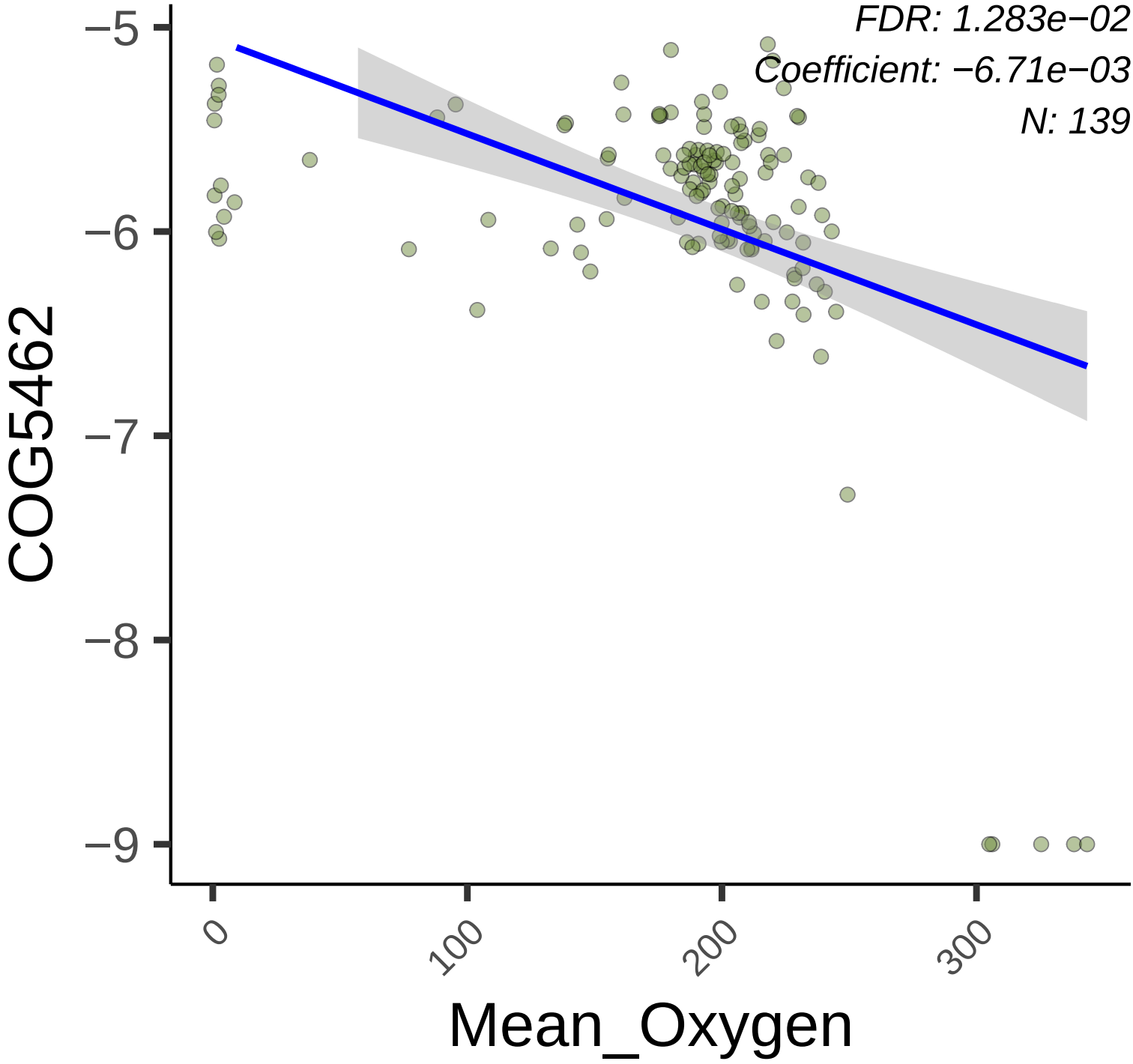
100
200
300
Mean_Oxygen


FDR: 1.283e−02
Coefficient: −6.71e−03
N: 139
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−8
−9
COG5462
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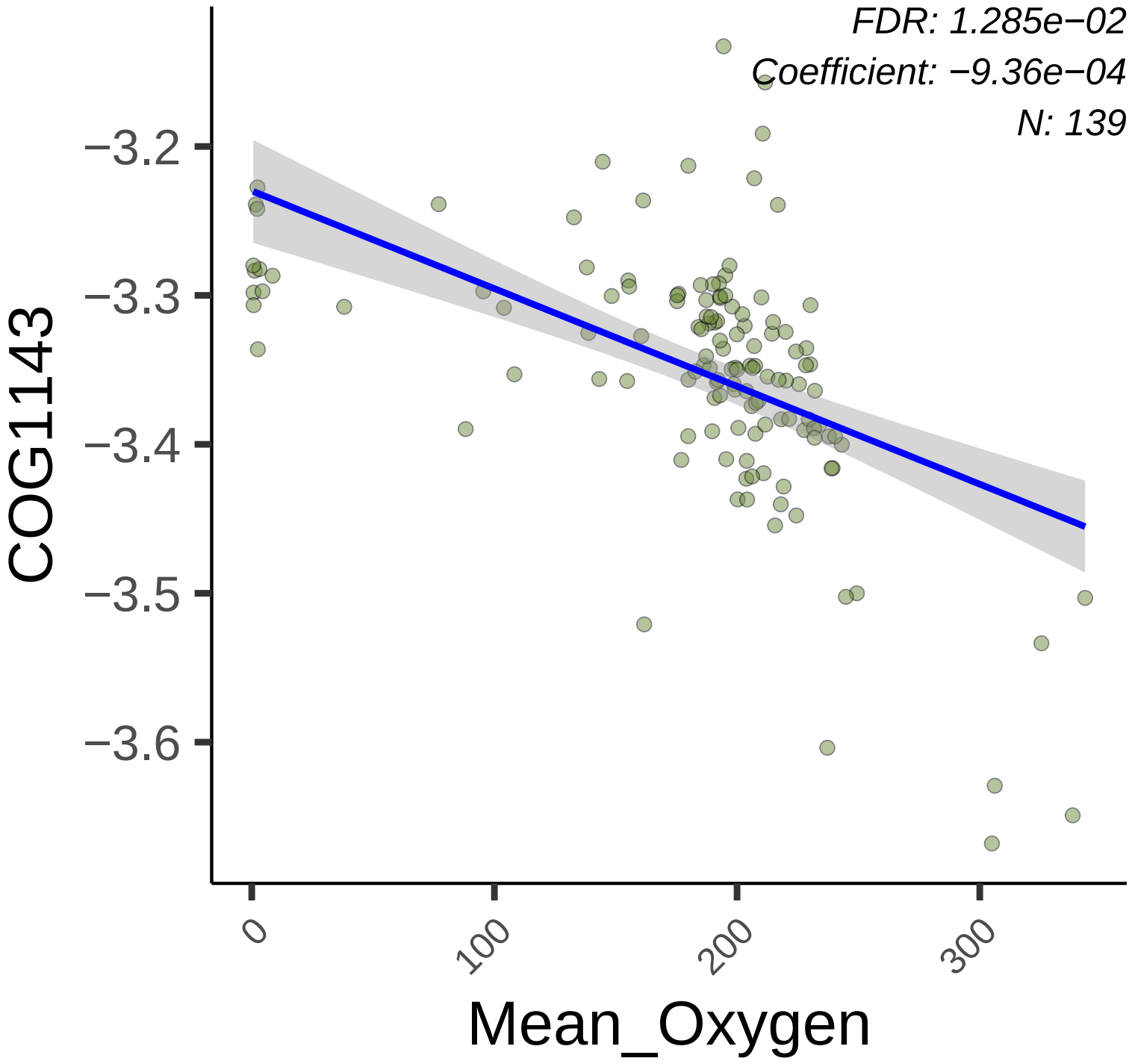
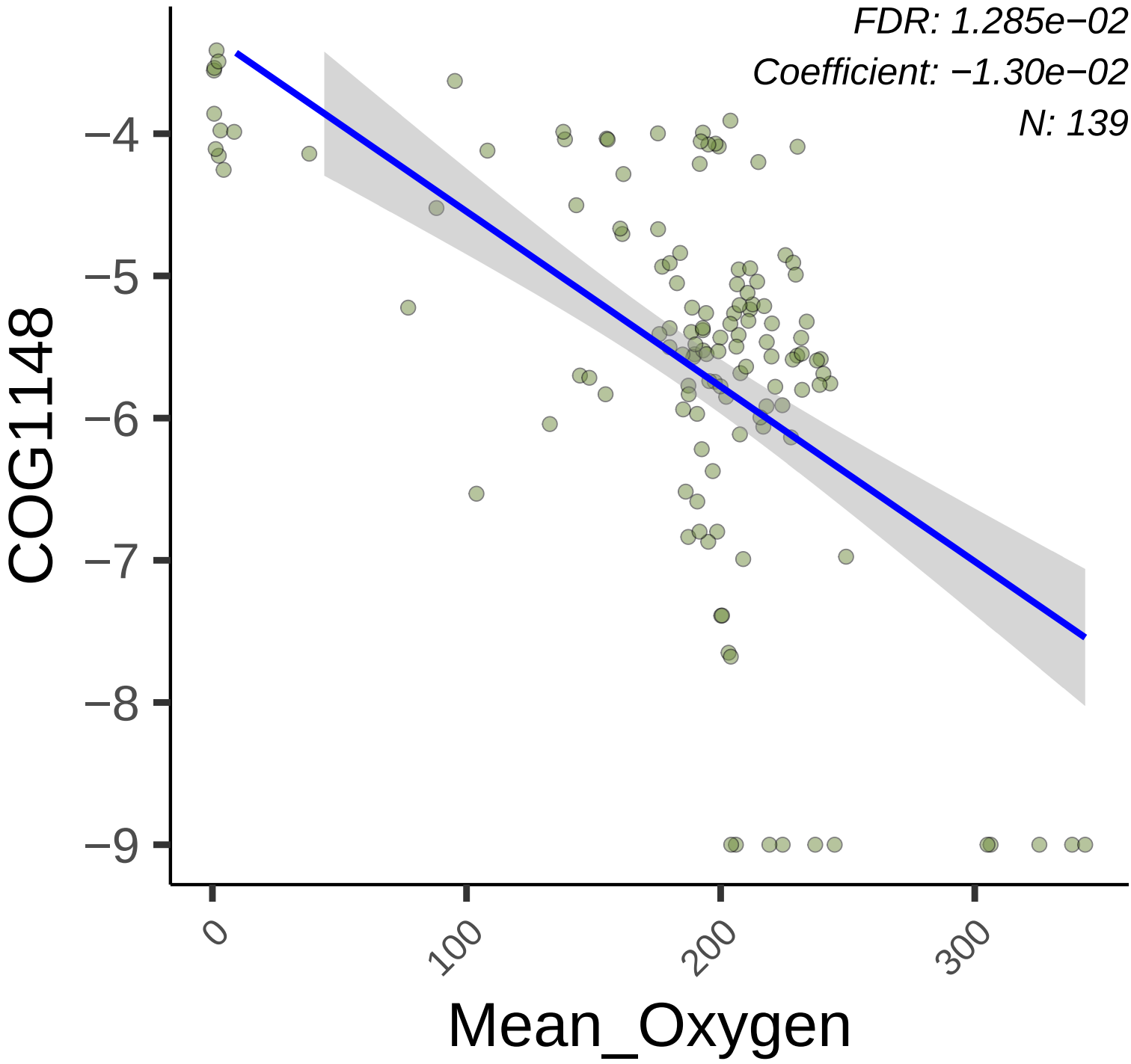
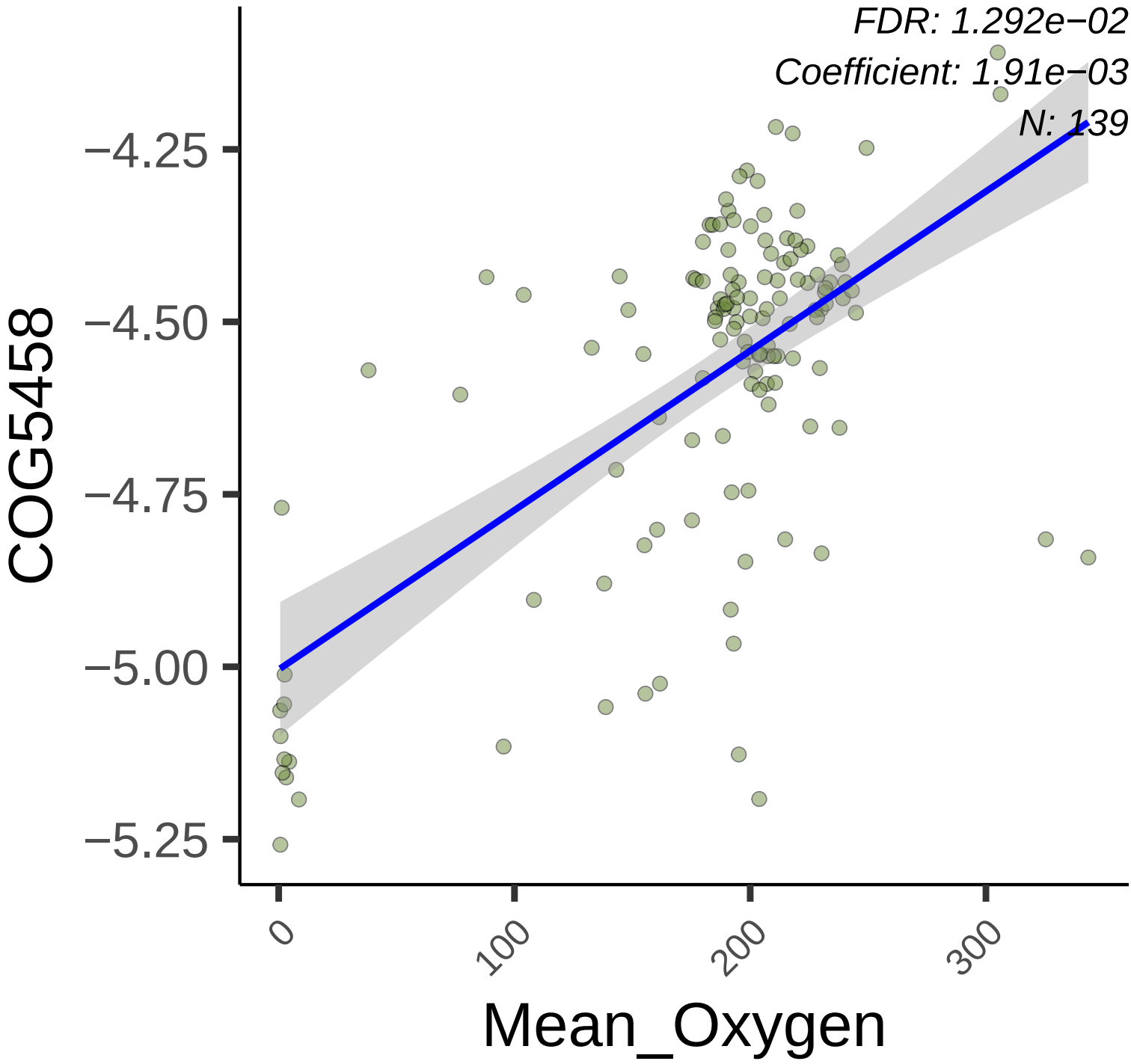
100
200
300
Mean_Oxygen


FDR: 1.285e−02
Coefficient: −9.36e−04
N: 139
−3.2
−3.3
−3.4
−3.5
−3.6
COG1143
0
100
200
300
Mean_Oxygen


FDR: 1.285e−02
Coefficient: −1.30e−02
N: 139
COG1148
−4
−5
−6
−7
−8
−9
0
100
200
300
Mean_Oxygen


FDR: 1.292e−02
Coefficient: 1.91e−03
N: 139
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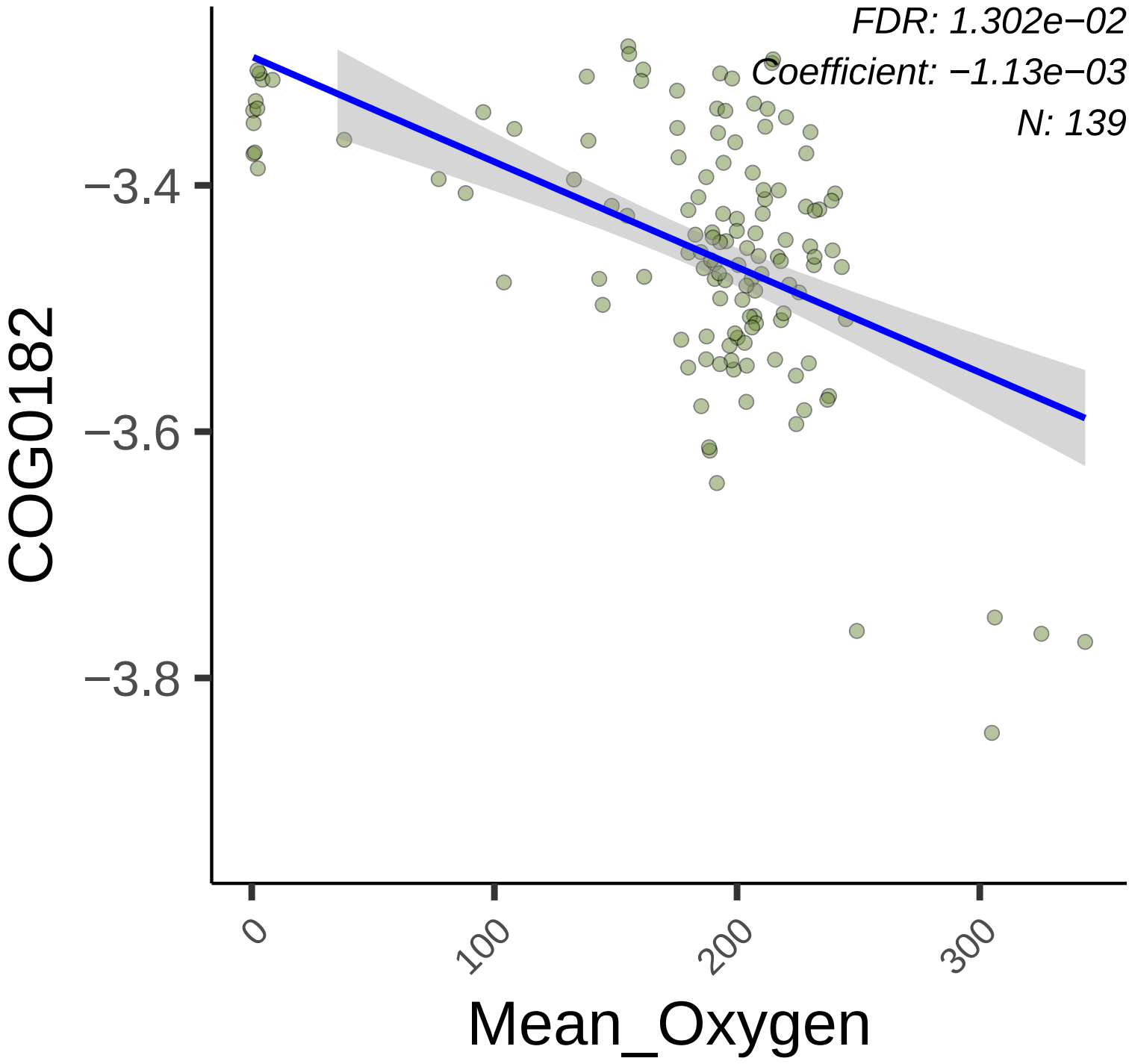
200
300
Mean_Oxygen


FDR: 1.302e−02
Coefficient: −1.13e−03
N: 139
−3.4
−3.6
−3.8
COG0182
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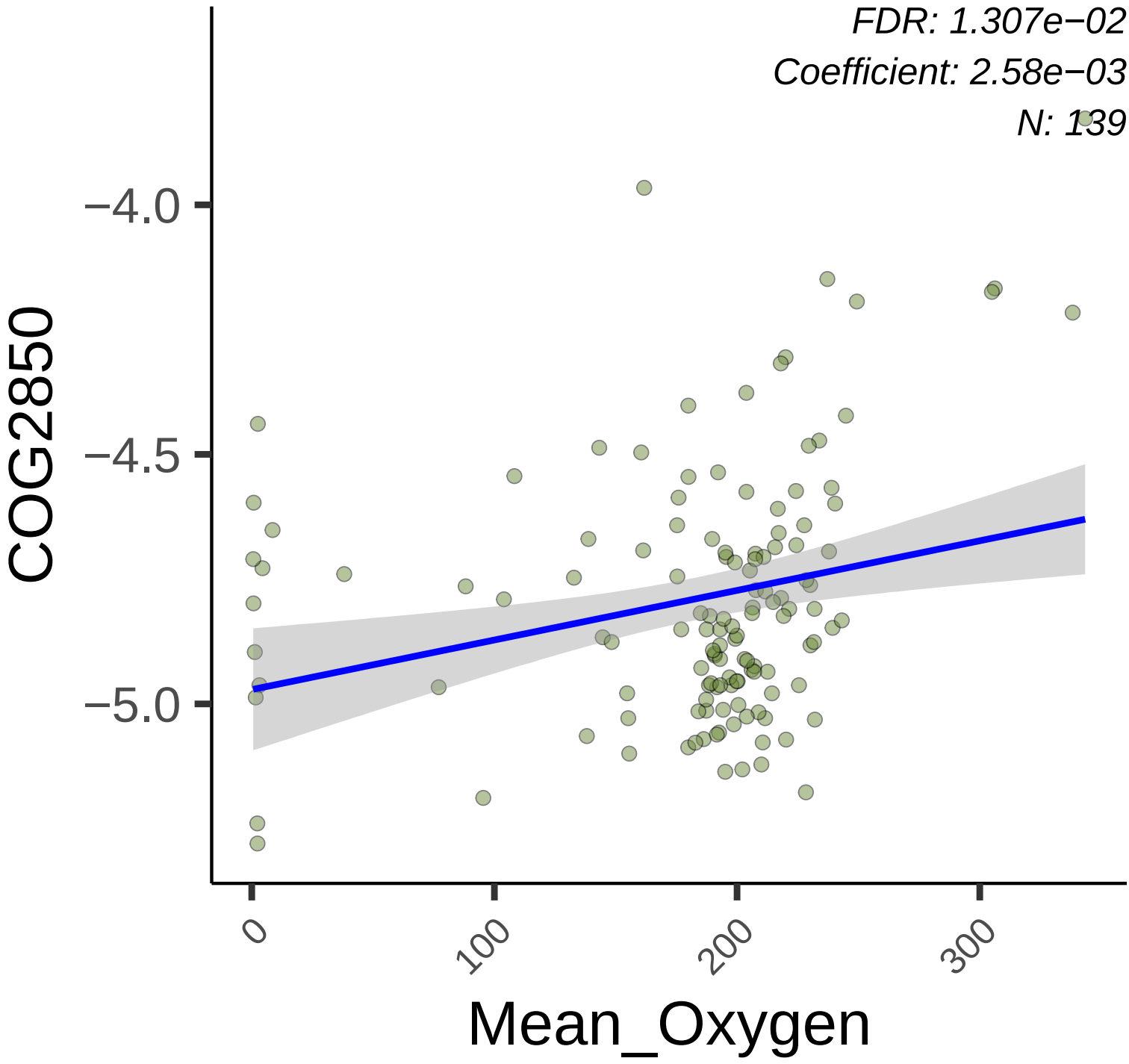
200
300
Mean_Oxygen


FDR: 1.307e−02
Coefficient: 2.58e−03
N: 139
−4.0
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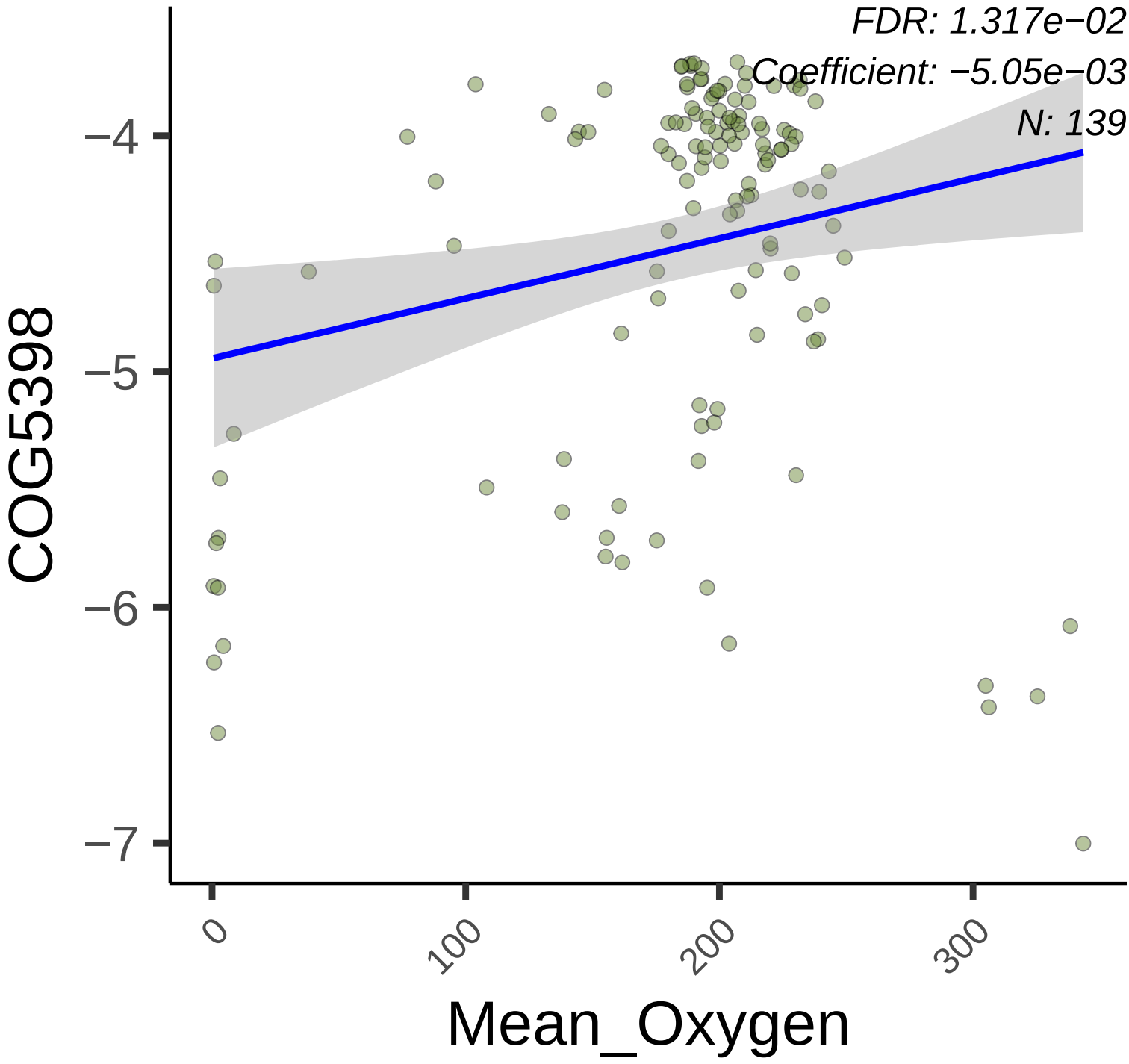
−5.0
COG2850
0
100
200
300
Mean_Oxygen


FDR: 1.317e−02
Coefficient: −5.05e−03
N: 139
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−6
−7
COG5398
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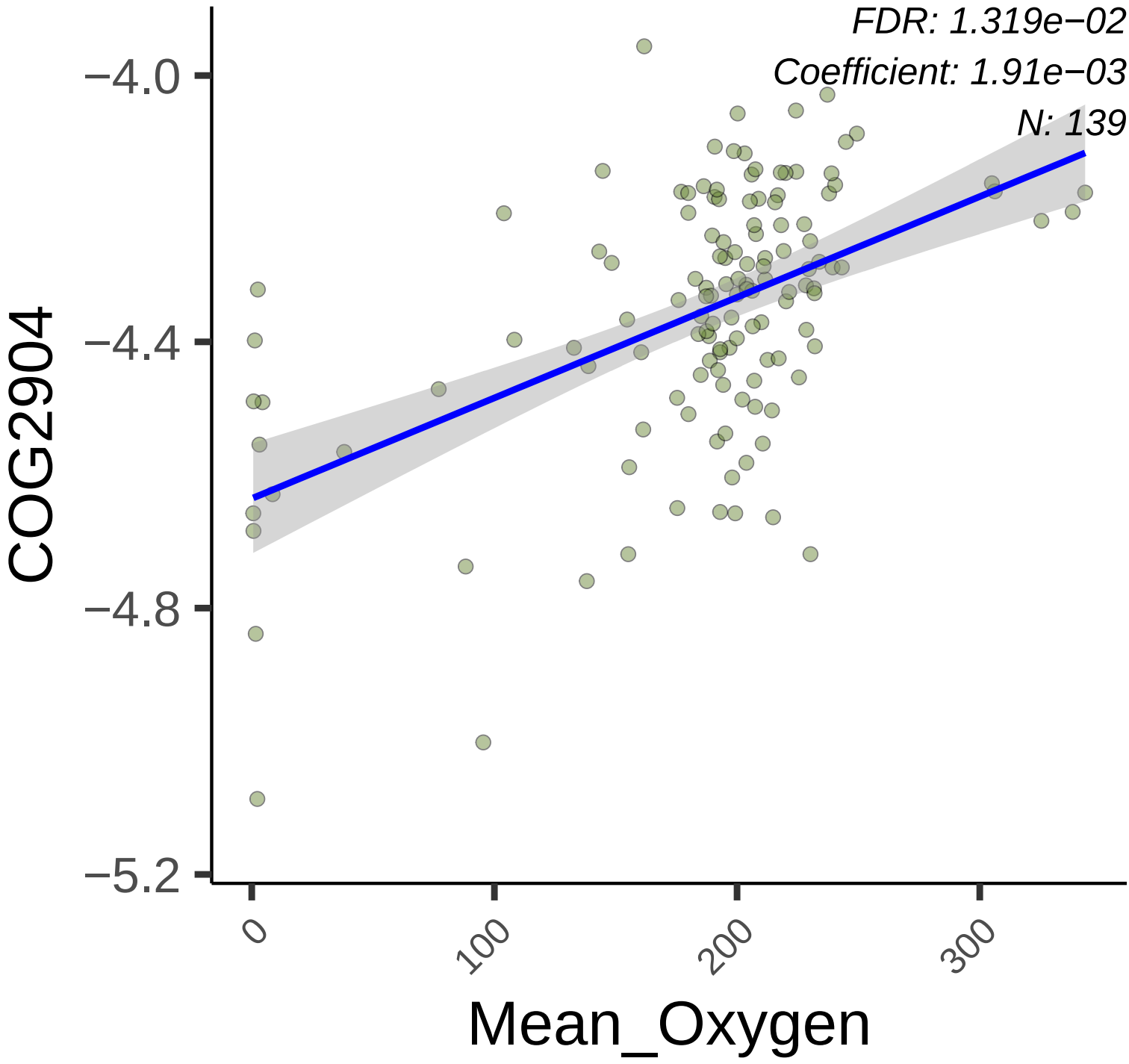
100
200
300
Mean_Oxygen


FDR: 1.319e−02
Coefficient: 1.91e−03
N: 139
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−4.8
−5.2
COG2904
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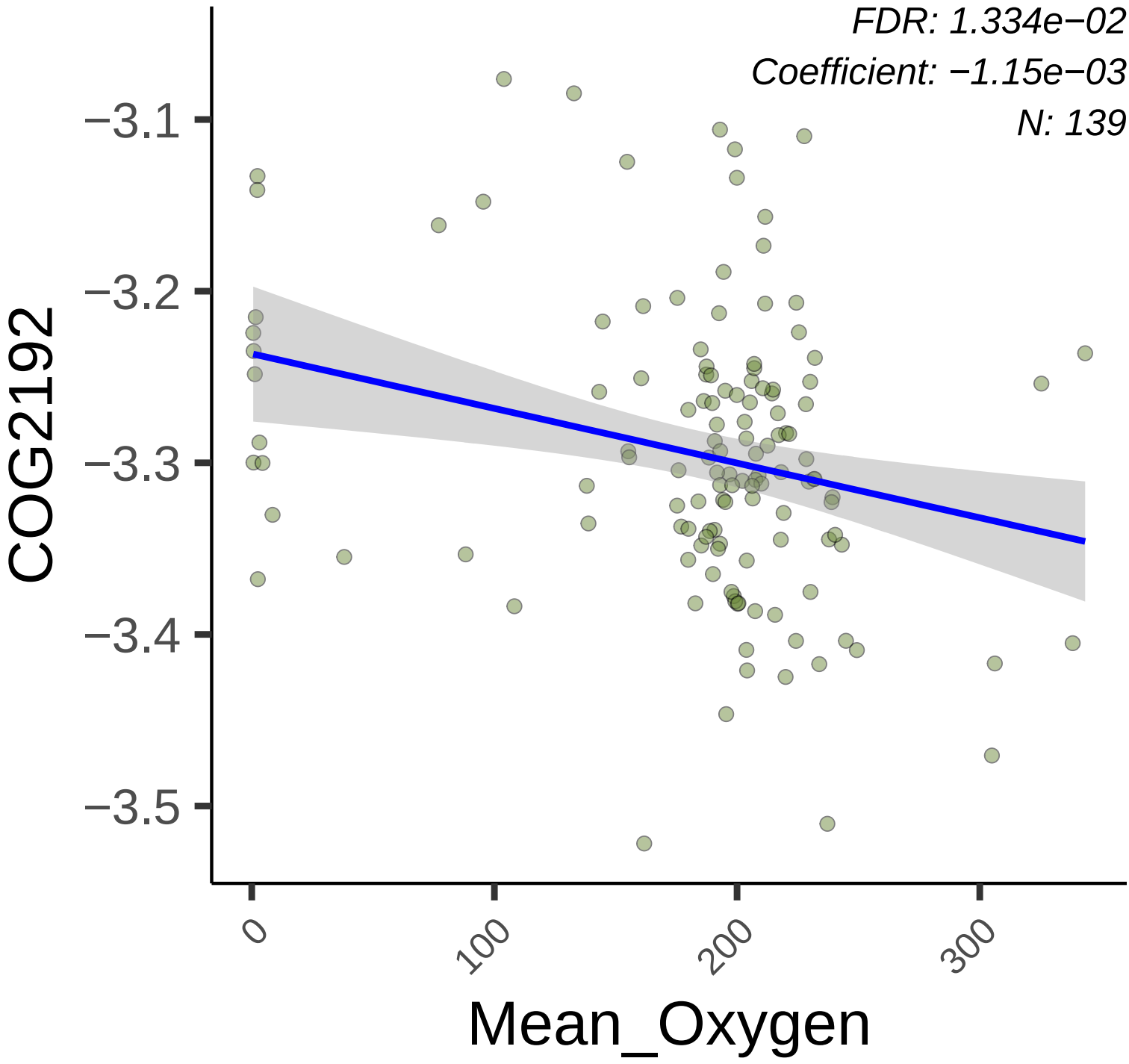
100
200
300
Mean_Oxygen


FDR: 1.334e−02
Coefficient: −1.15e−03
N: 139
COG2192
−3.1
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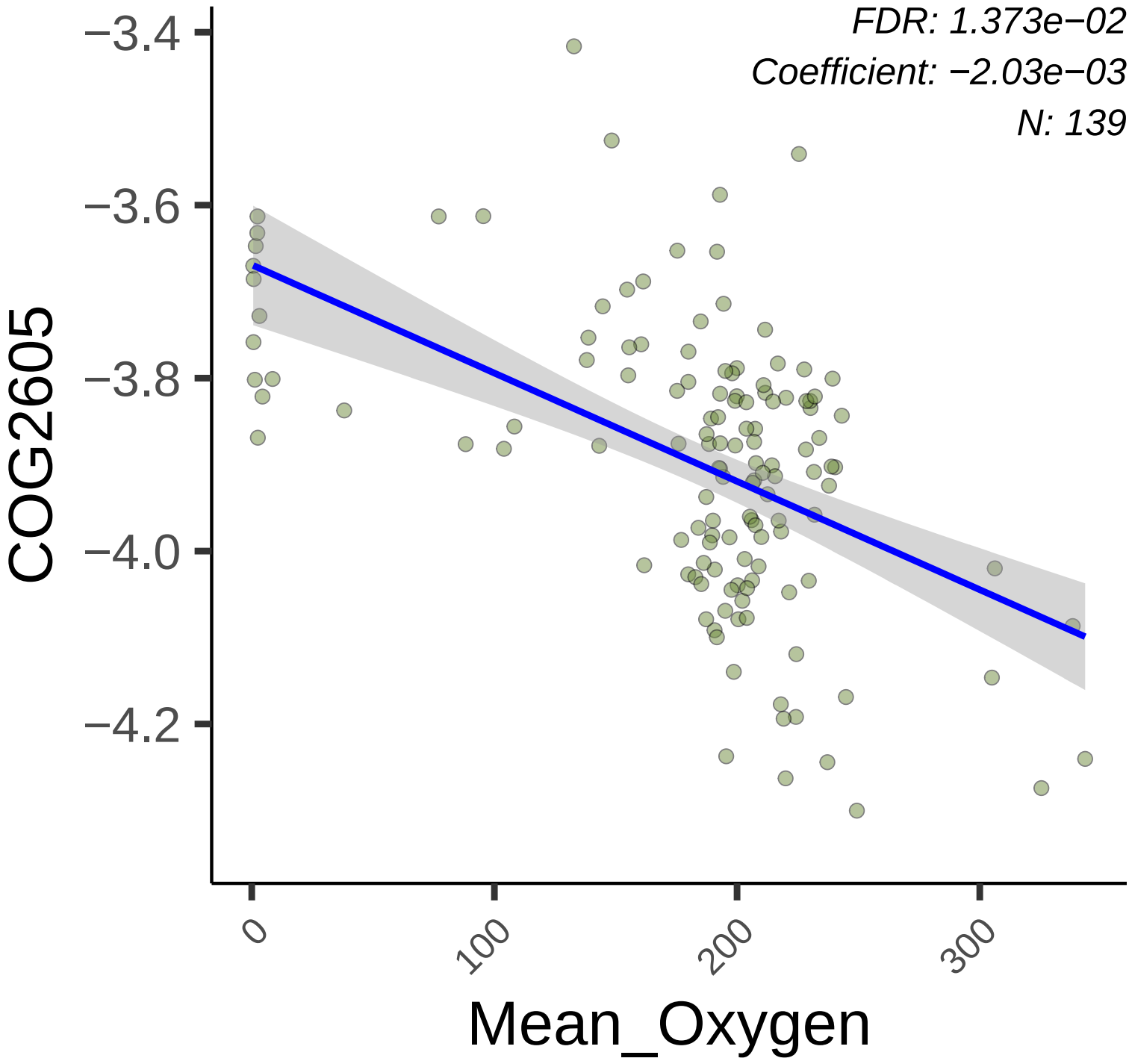
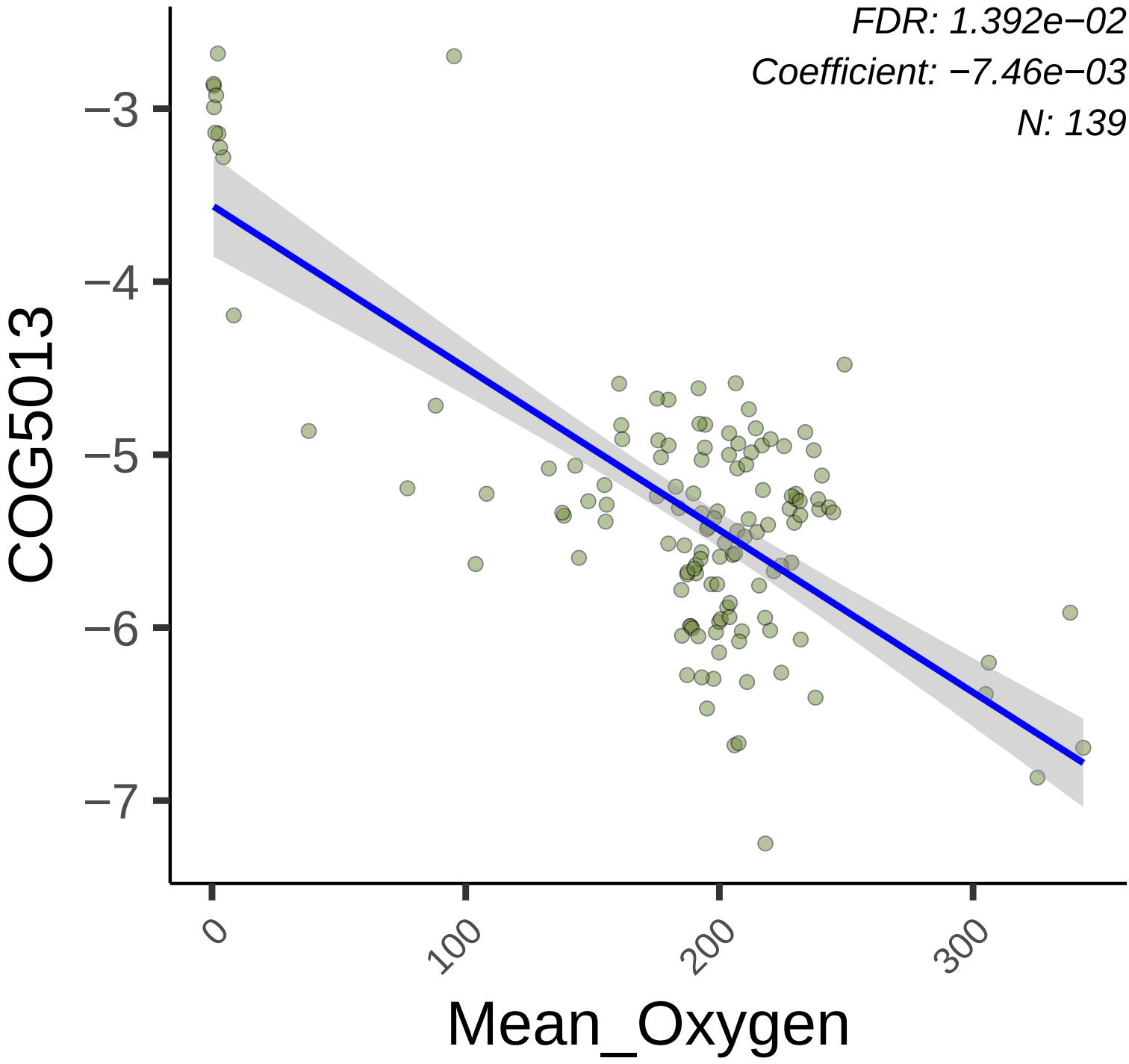
−3.5
0
100
200
300
Mean_Oxygen


FDR: 1.373e−02
Coefficient: −2.03e−03
N: 139
−3.4
−3.6
−3.8
−4.0
−4.2
COG2605
0
100
200
300
Mean_Oxygen


FDR: 1.392e−02
Coefficient: −7.46e−03
N: 139
COG5013
−3
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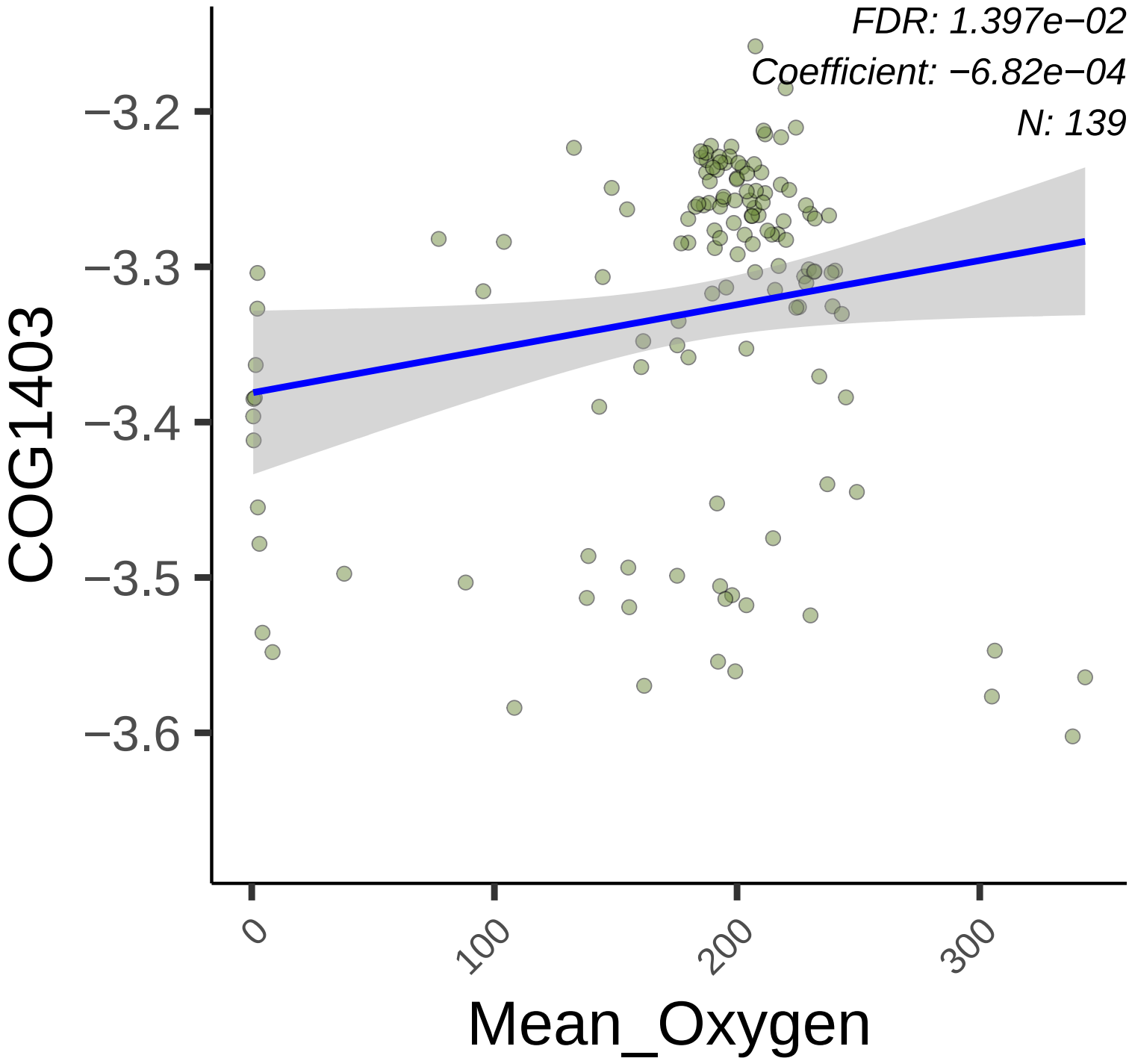
200
300
Mean_Oxygen


FDR: 1.397e−02
Coefficient: −6.82e−04
N: 139
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−3.3
−3.4
−3.5
−3.6
COG1403
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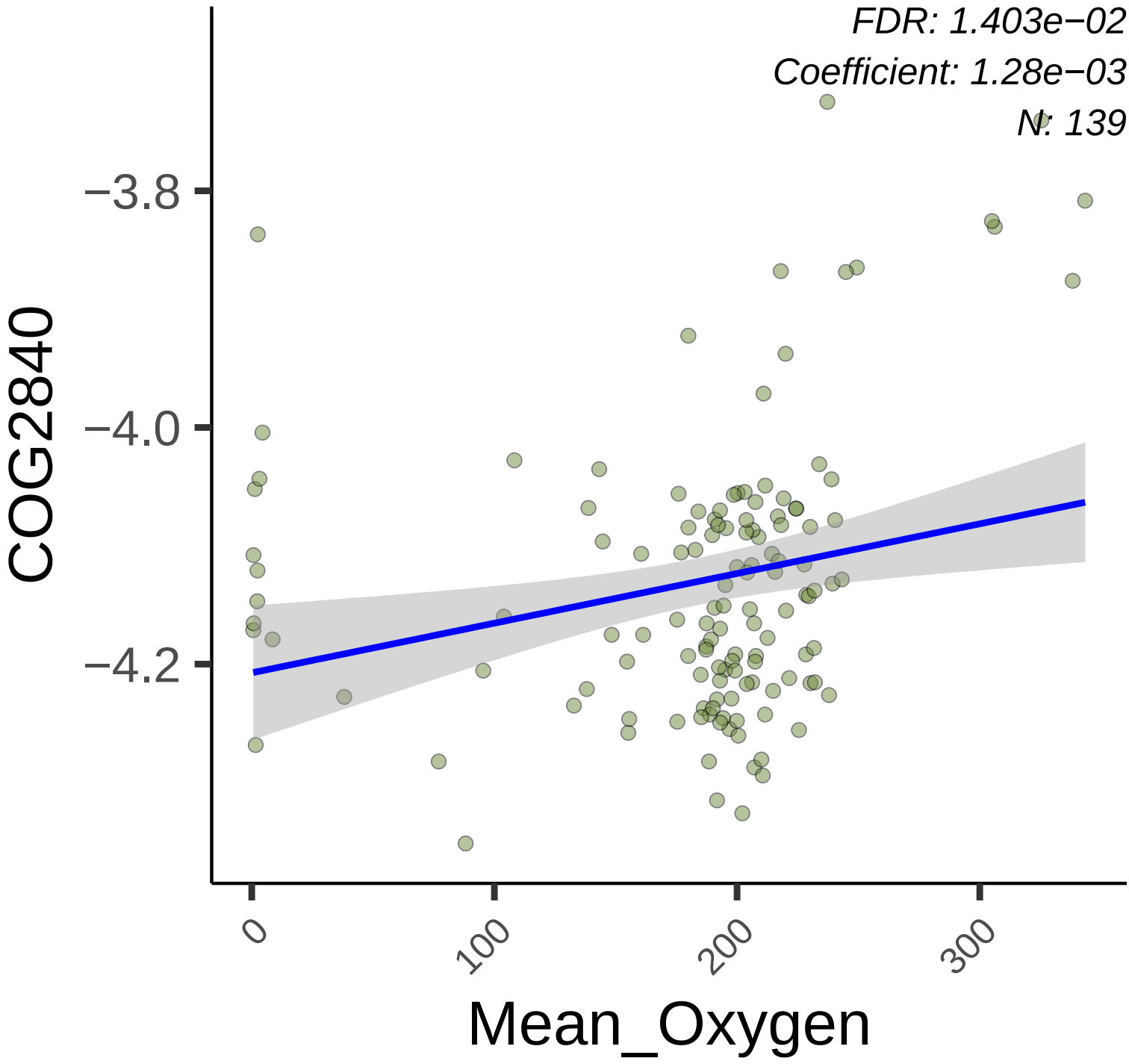
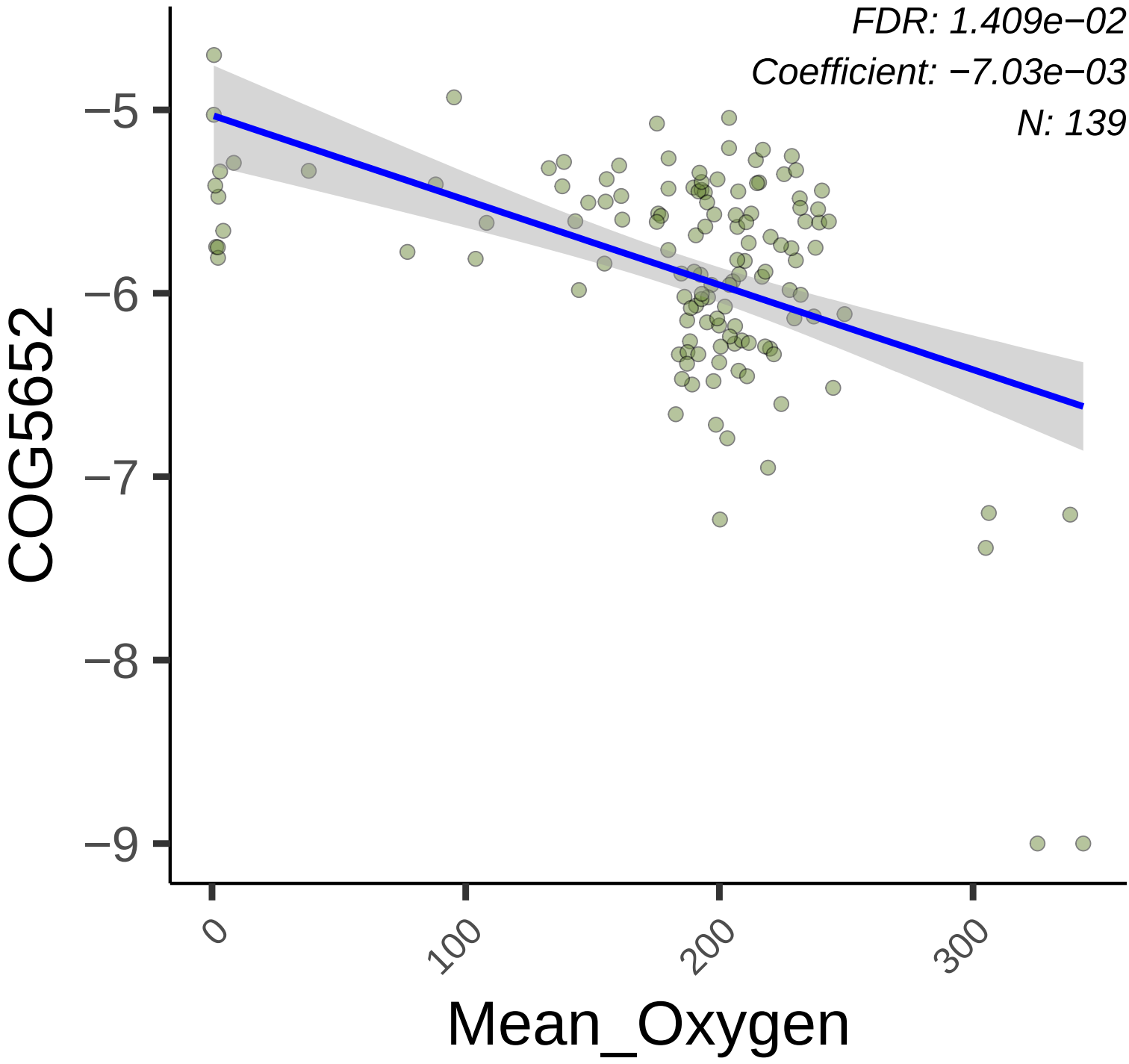
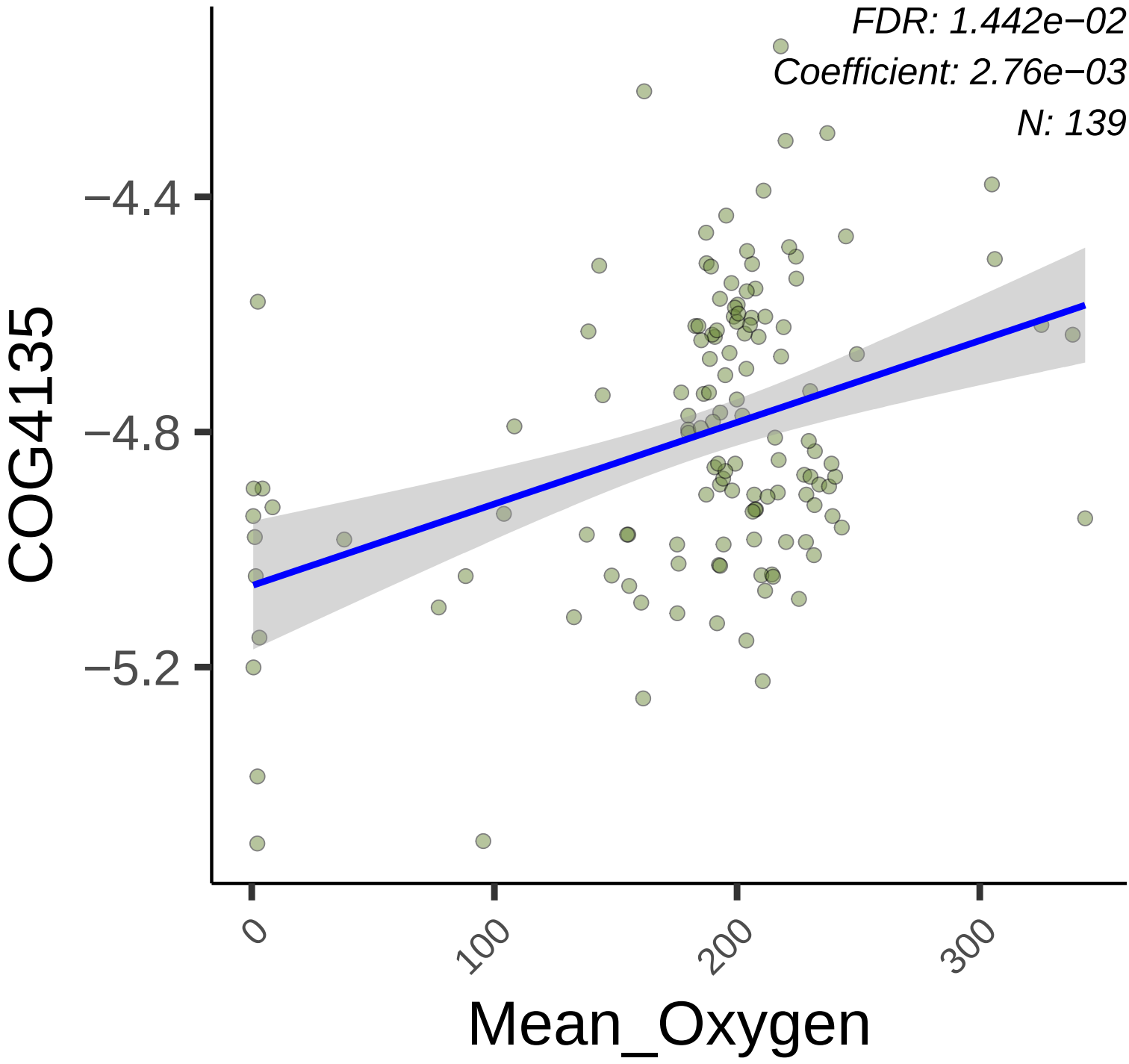
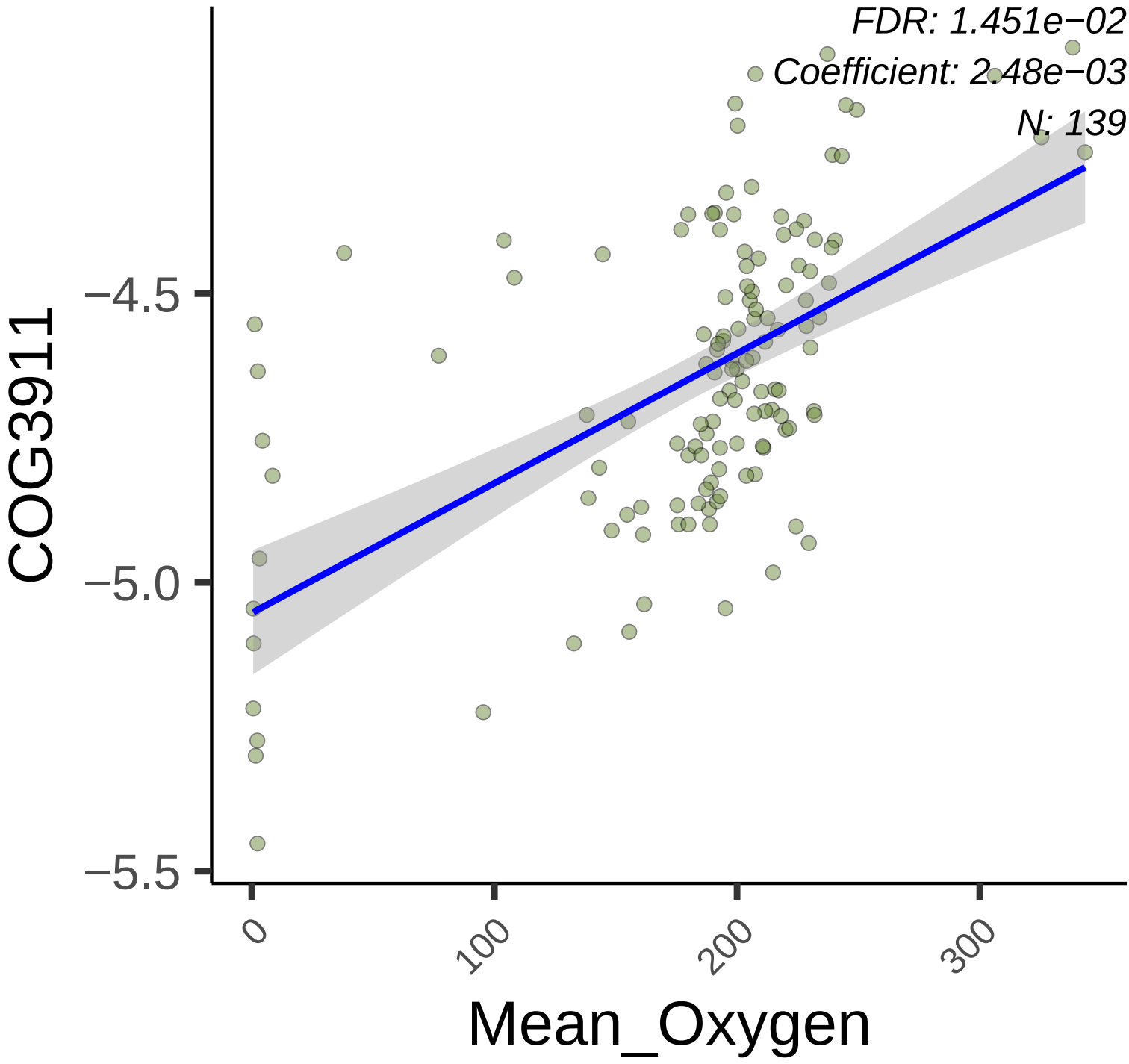
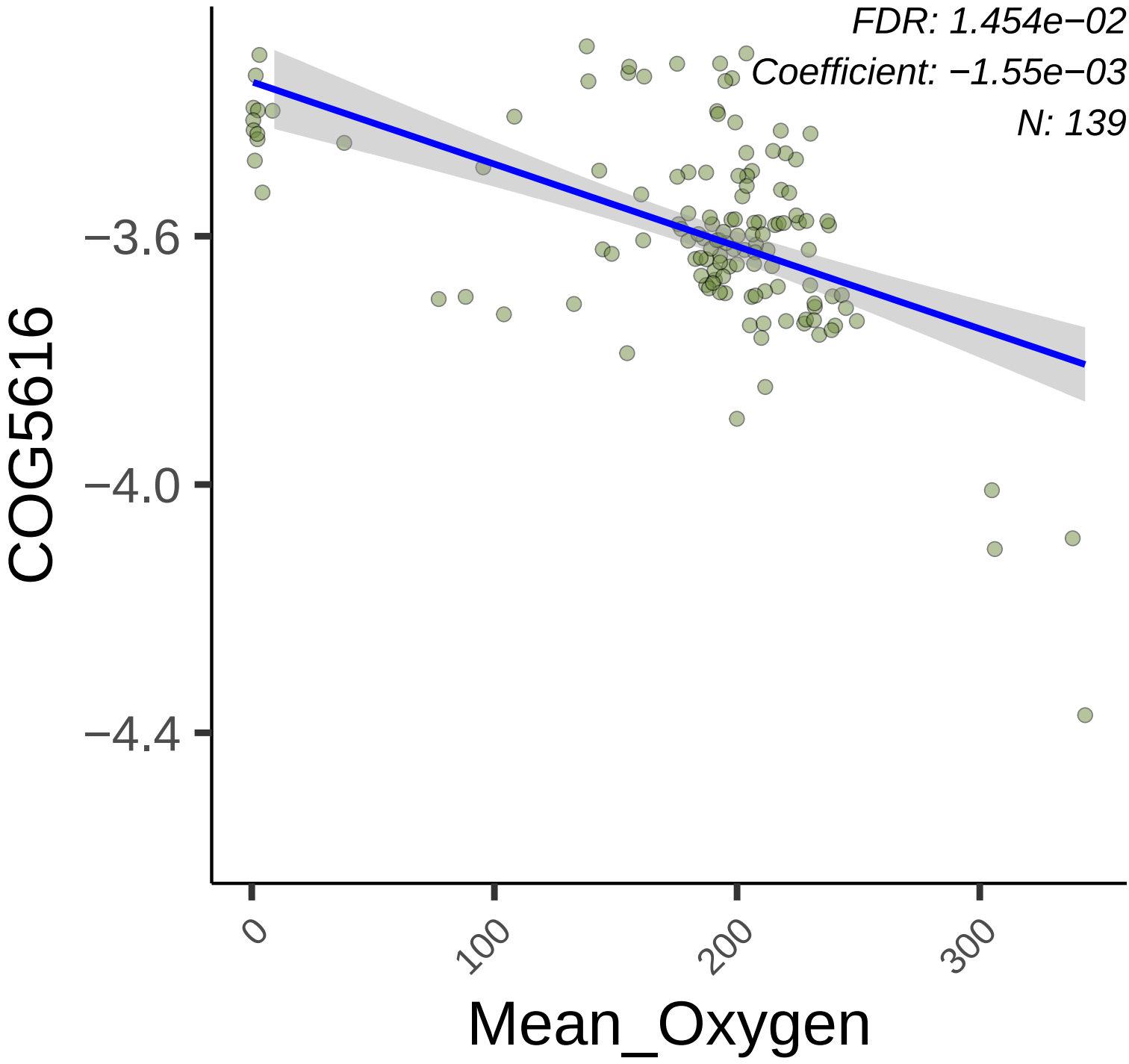
100
200
300
Mean_Oxygen


FDR: 1.403e−02
Coefficient: 1.28e−03
N: 139
−3.8
−4.0
−4.2
COG2840
0
100
200
300
Mean_Oxygen


FDR: 1.409e−02
Coefficient: −7.03e−03
N: 139
COG5652
−5
−6
−7
−8
−9
0
100
200
300
Mean_Oxygen


FDR: 1.442e−02
Coefficient: 2.76e−03
N: 139
−4.4
−4.8
−5.2
COG4135
0
100
200
300
Mean_Oxygen


FDR: 1.451e−02
Coefficient: 2.48e−03
N: 139
COG3911
−4.5
−5.0
−5.5
0
100
200
300
Mean_Oxygen


FDR: 1.454e−02
Coefficient: −1.55e−03
N: 139
COG5616
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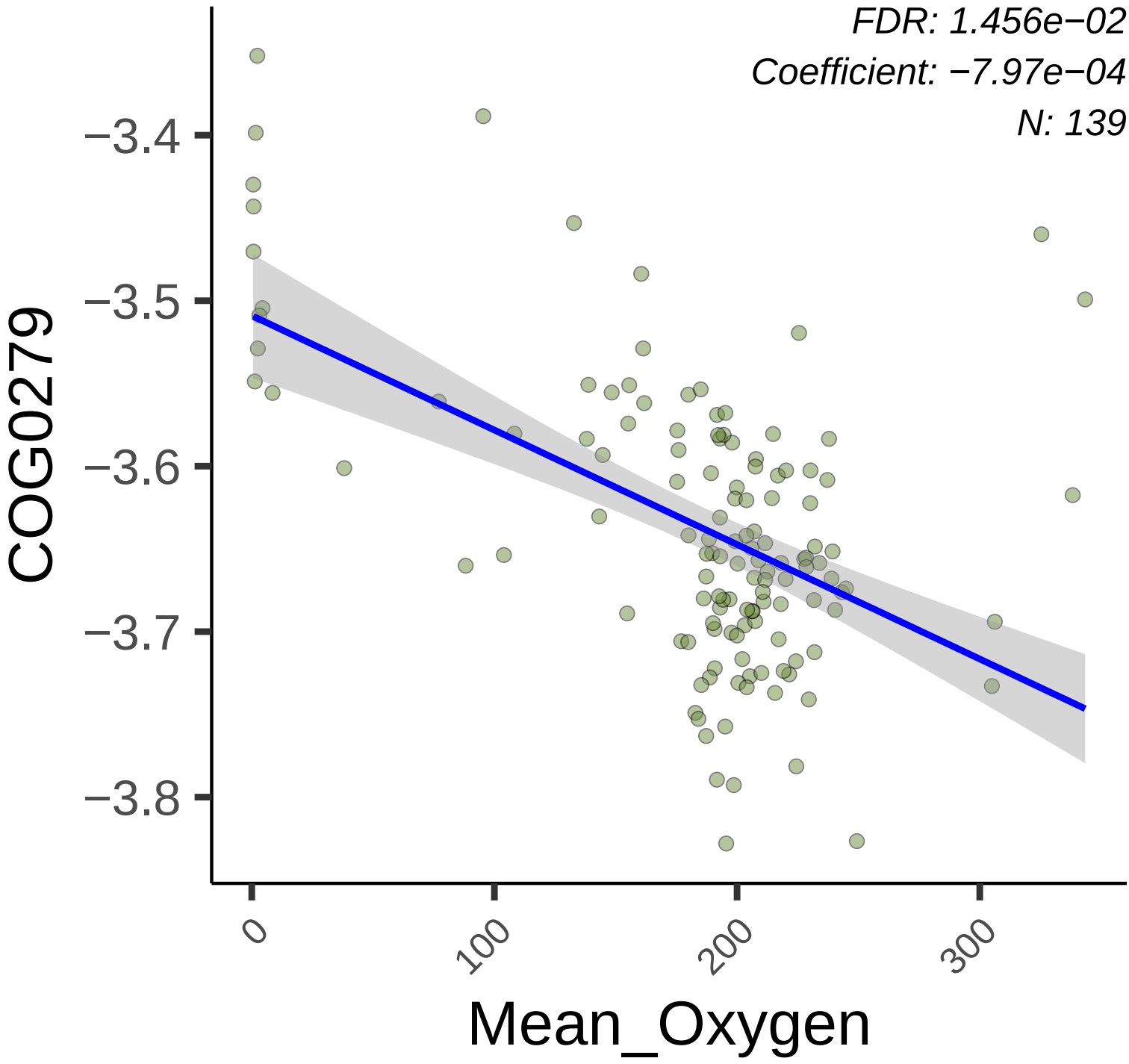
300
Mean_Oxygen


FDR: 1.456e−02
Coefficient: −7.97e−04
N: 139
−3.4
−3.5
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−3.7
−3.8
COG0279
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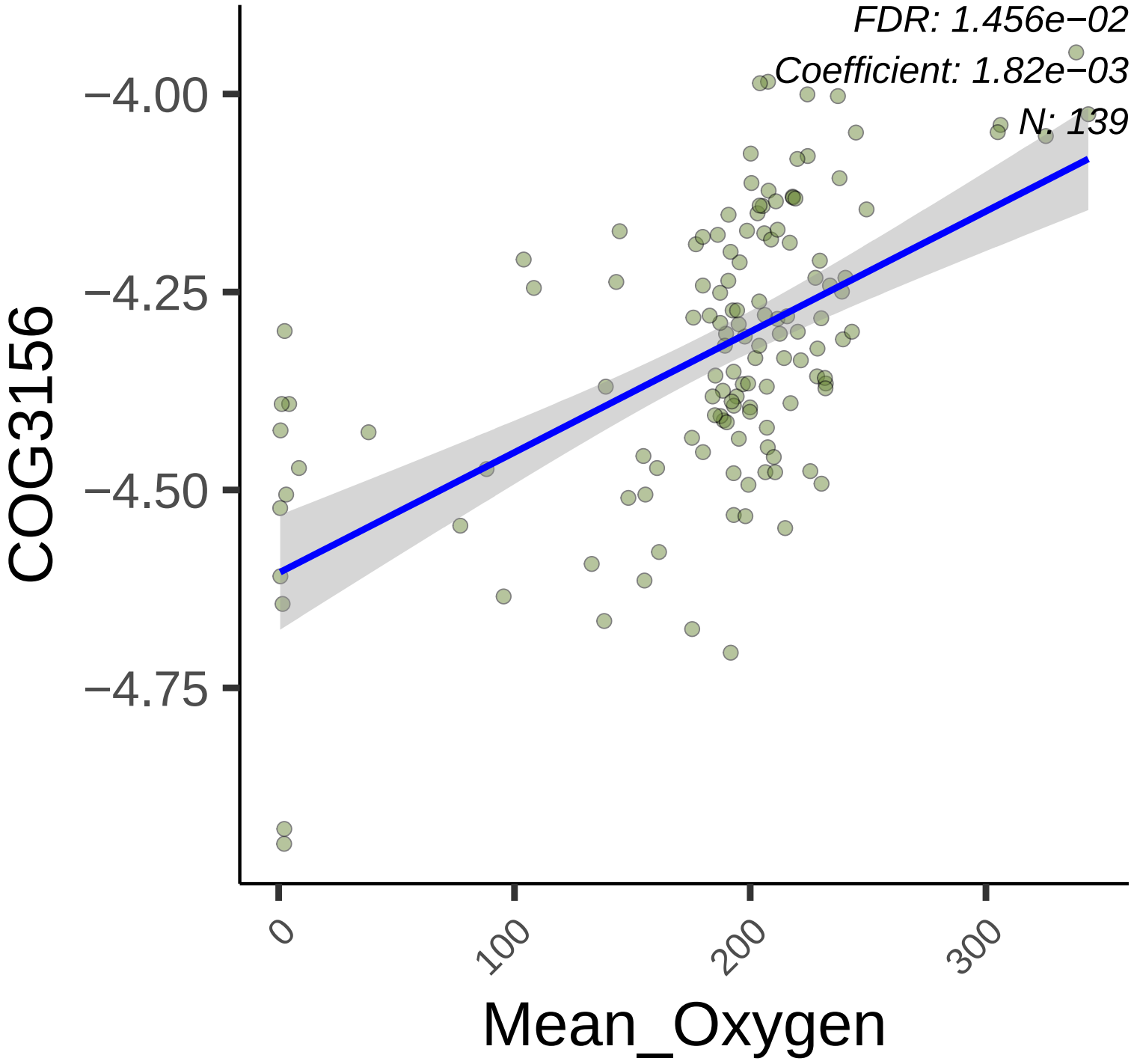
300
Mean_Oxygen


FDR: 1.456e−02
Coefficient: 1.82e−03
N: 139
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COG3156
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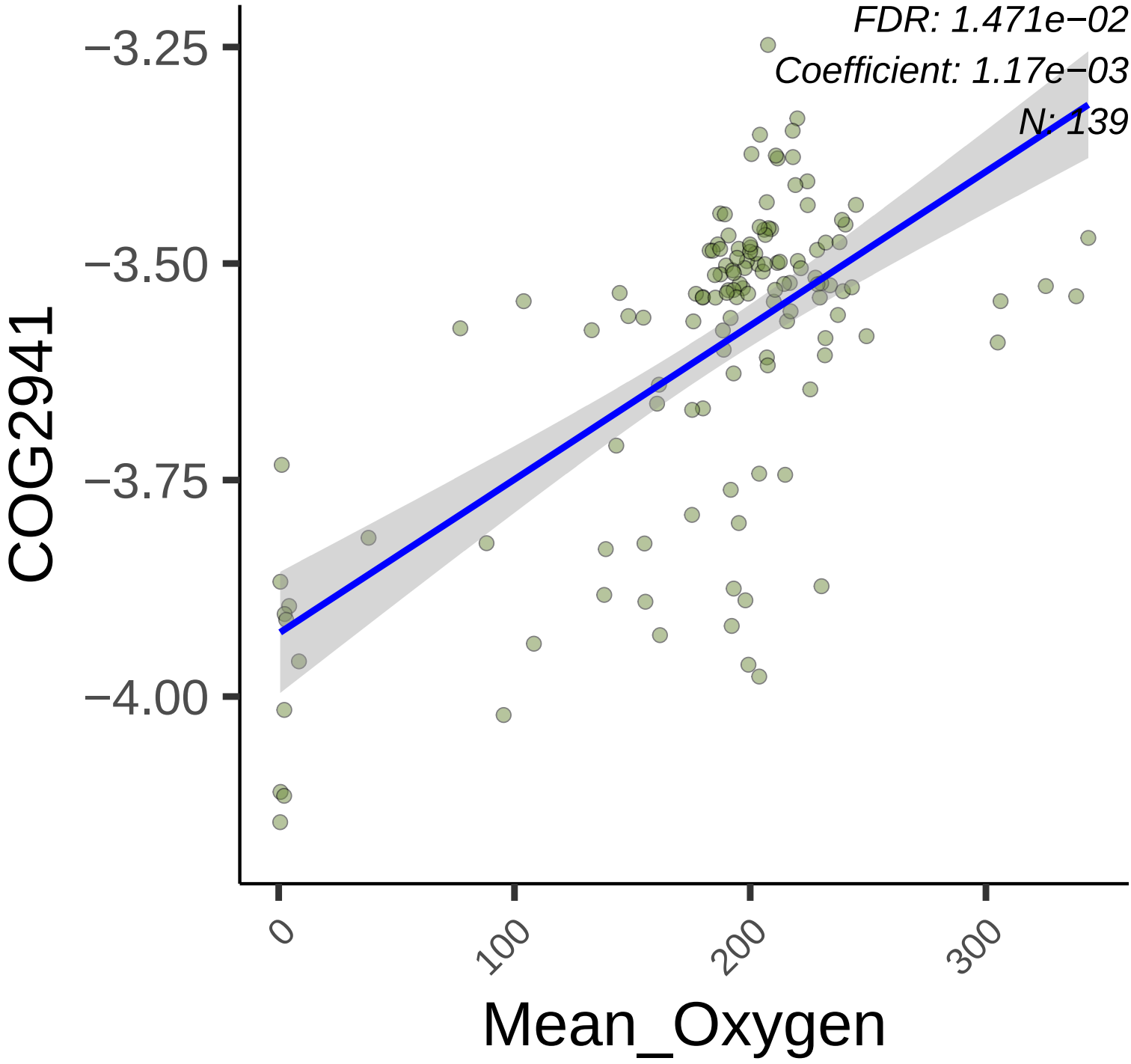
300
Mean_Oxygen


FDR: 1.471e−02
Coefficient: 1.17e−03
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−3.50
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COG2941
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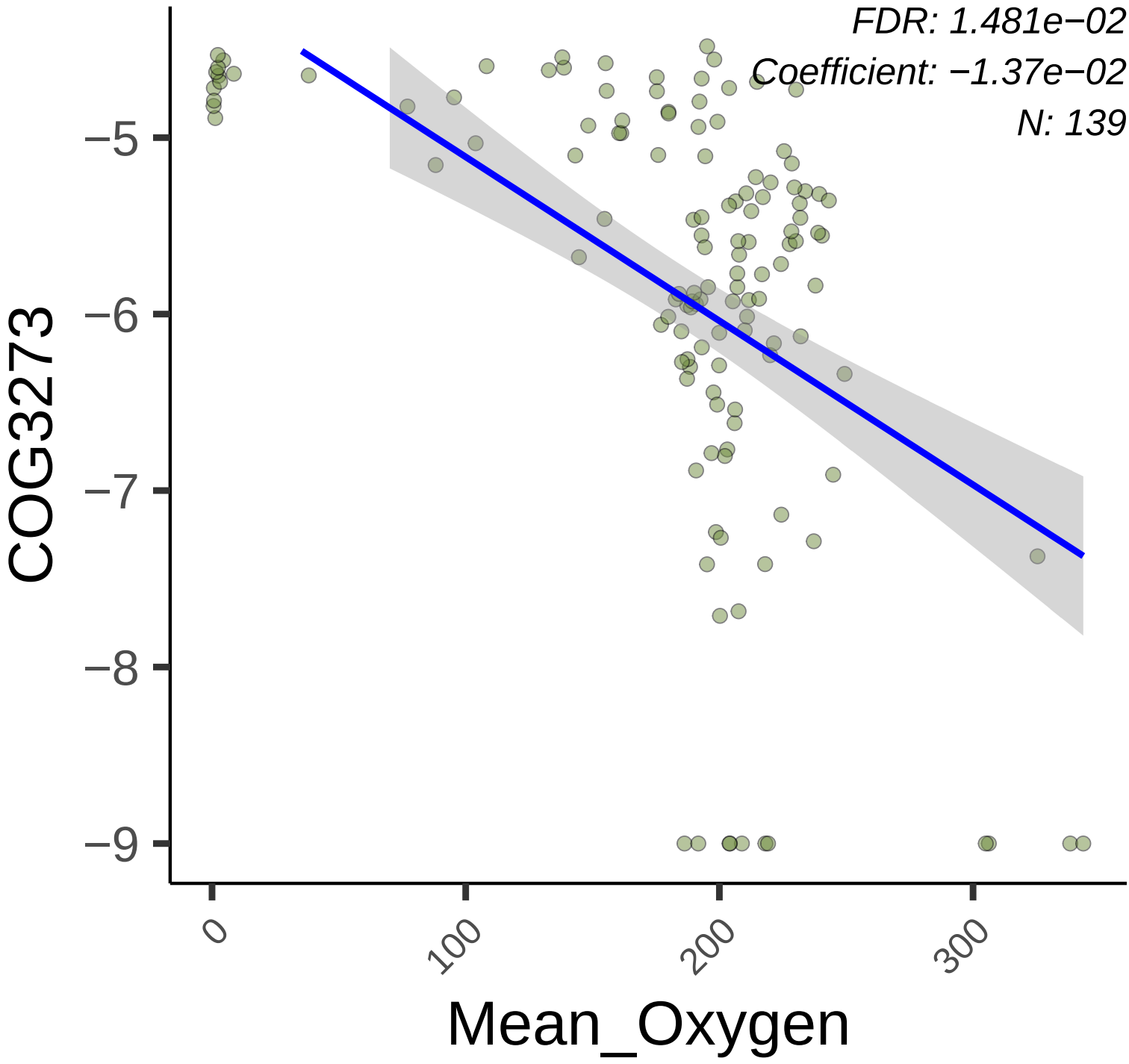
200
300
Mean_Oxygen


FDR: 1.481e−02
Coefficient: −1.37e−02
N: 139
COG3273
−5
−6
−7
−8
−9
0
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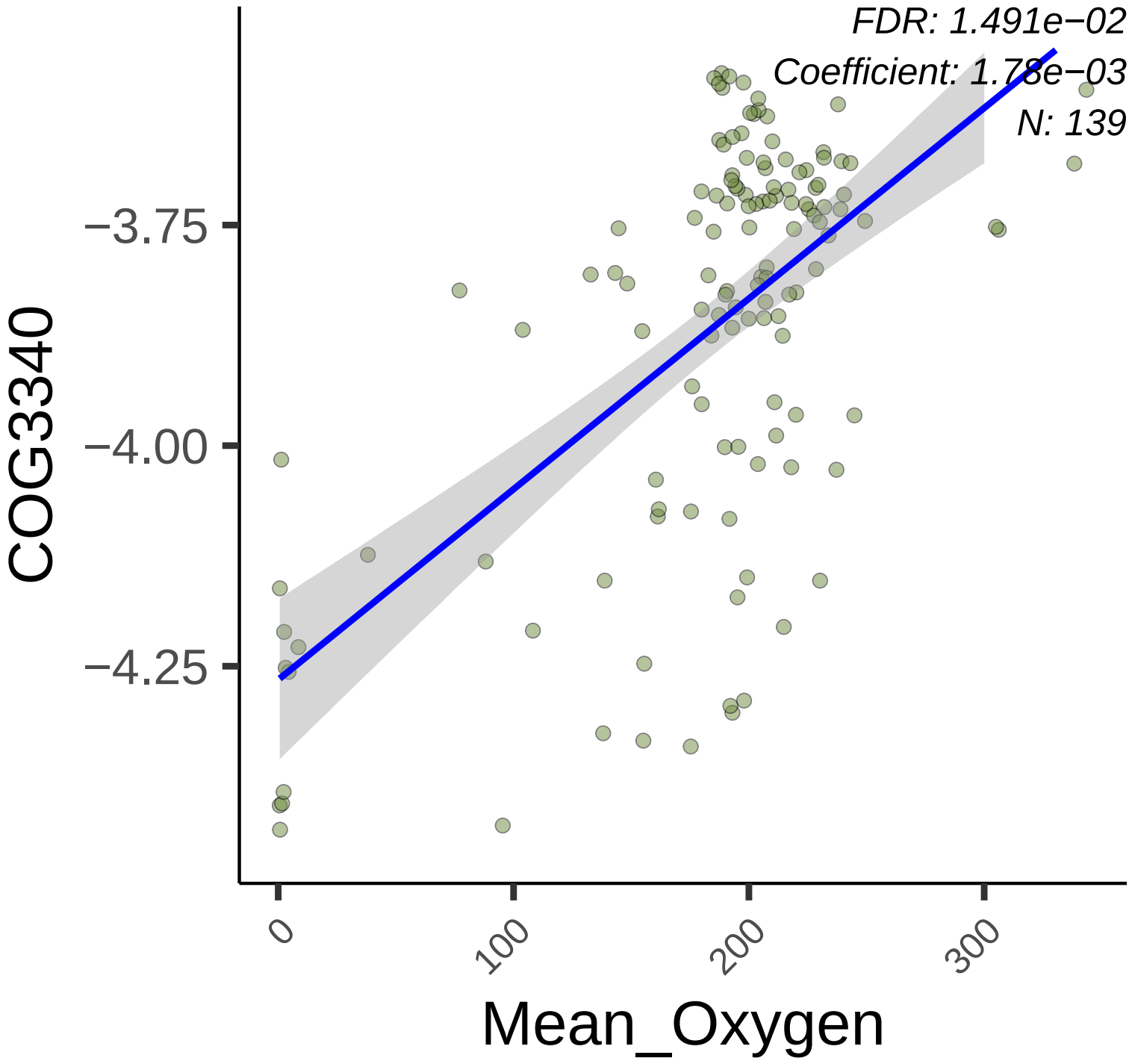
200
300
Mean_Oxygen


FDR: 1.491e−02
Coefficient: 1.78e−03
N: 139
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COG3340
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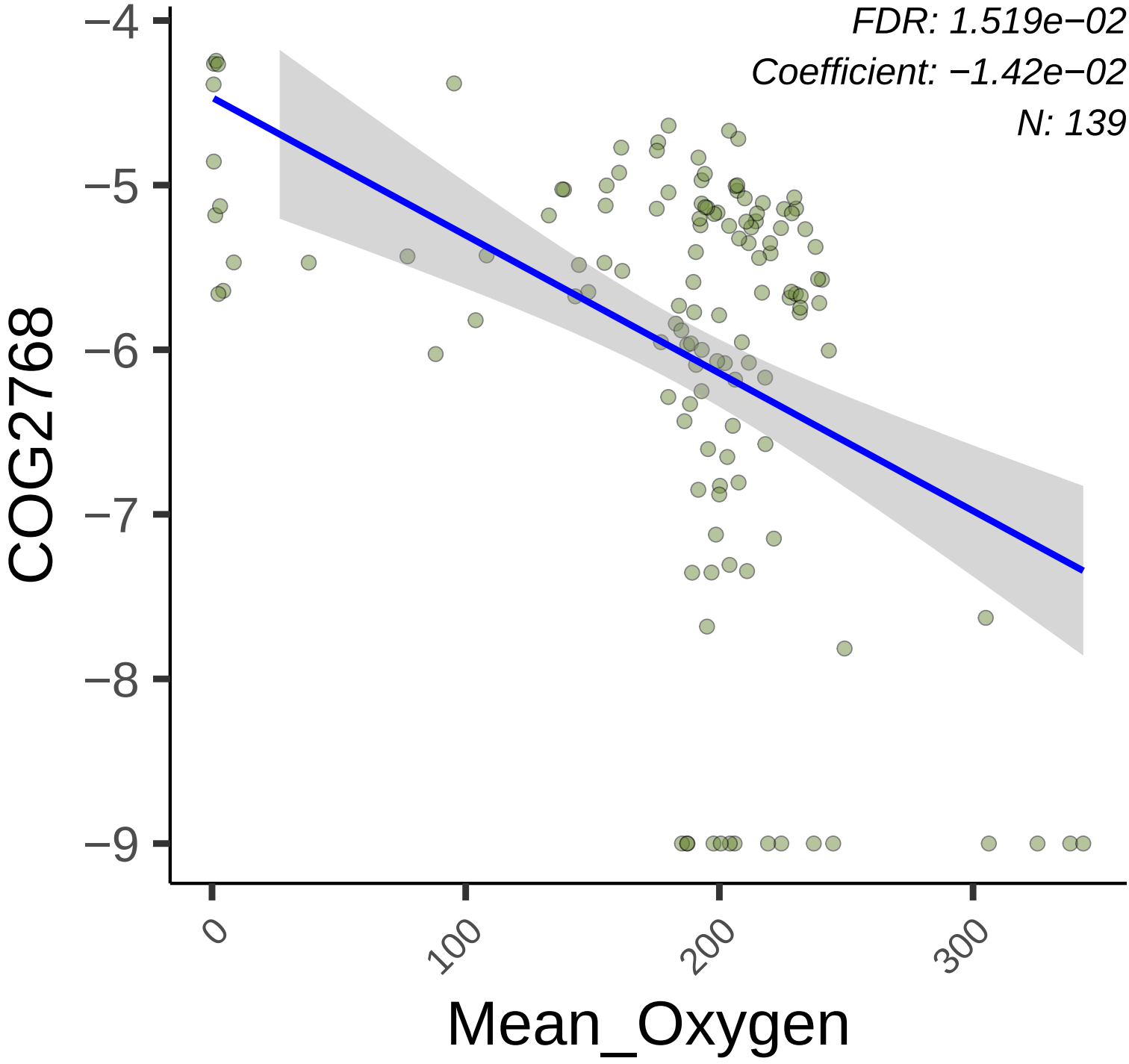
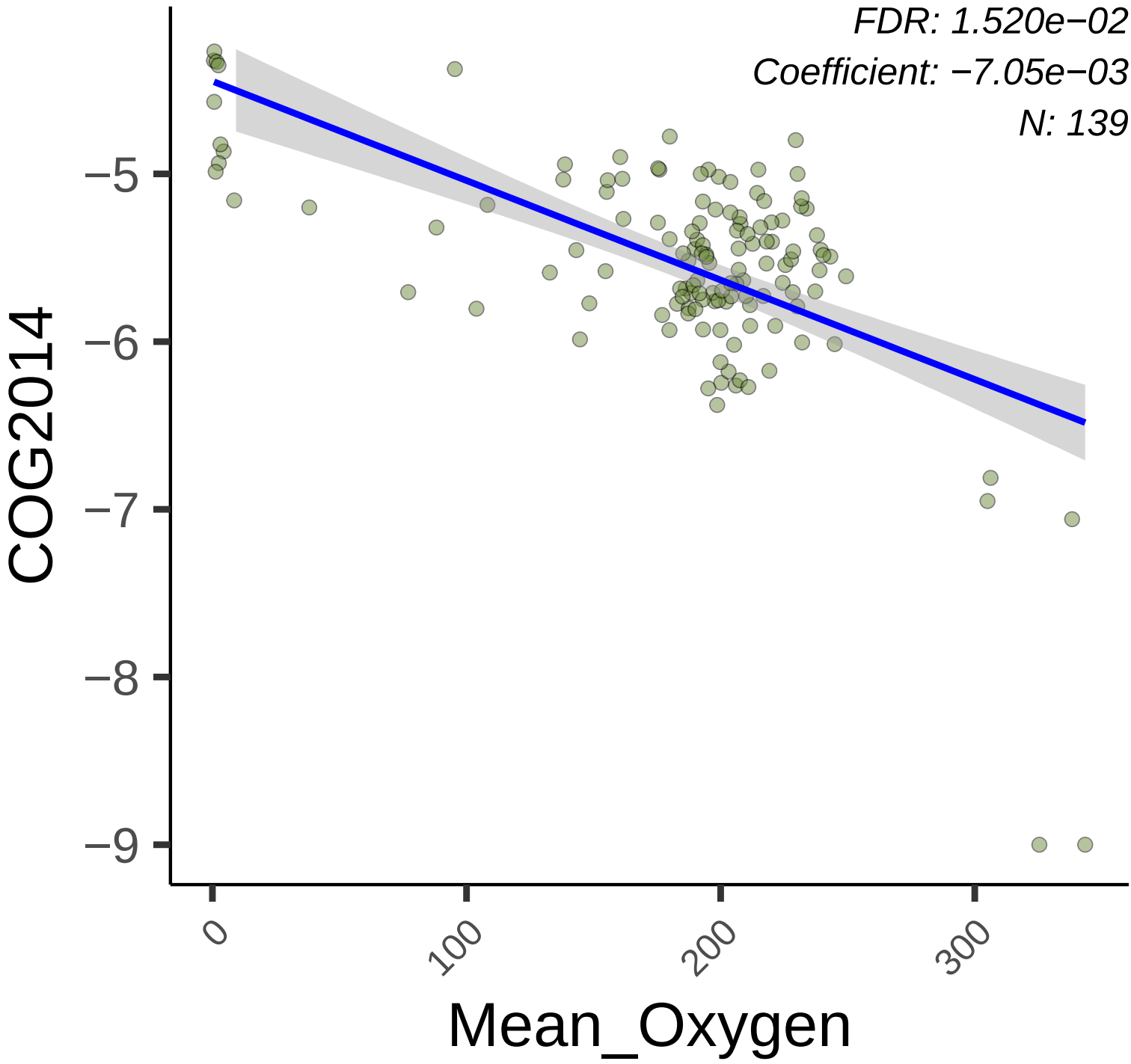
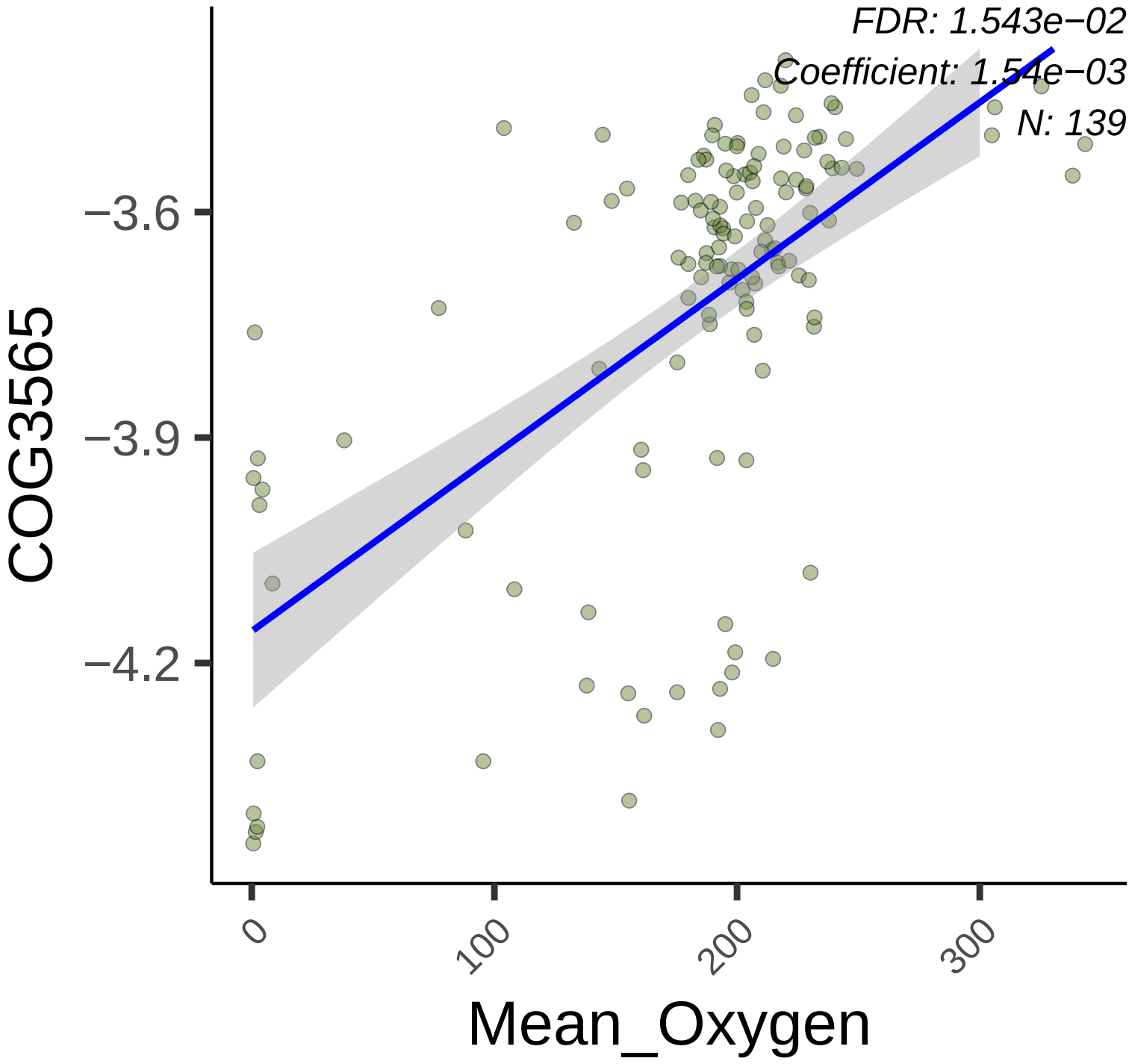
Mean_Oxygen


FDR: 1.519e−02
Coefficient: −1.42e−02
N: 139
COG2768
−4
−5
−6
−7
−8
−9
0
100
200
300
Mean_Oxygen


FDR: 1.520e−02
Coefficient: −7.05e−03
N: 139
COG2014
−5
−6
−7
−8
−9
0
100
200
300
Mean_Oxygen


FDR: 1.543e−02
Coefficient: 1.54e−03
N: 139
−3.6
−3.9
−4.2
COG3565
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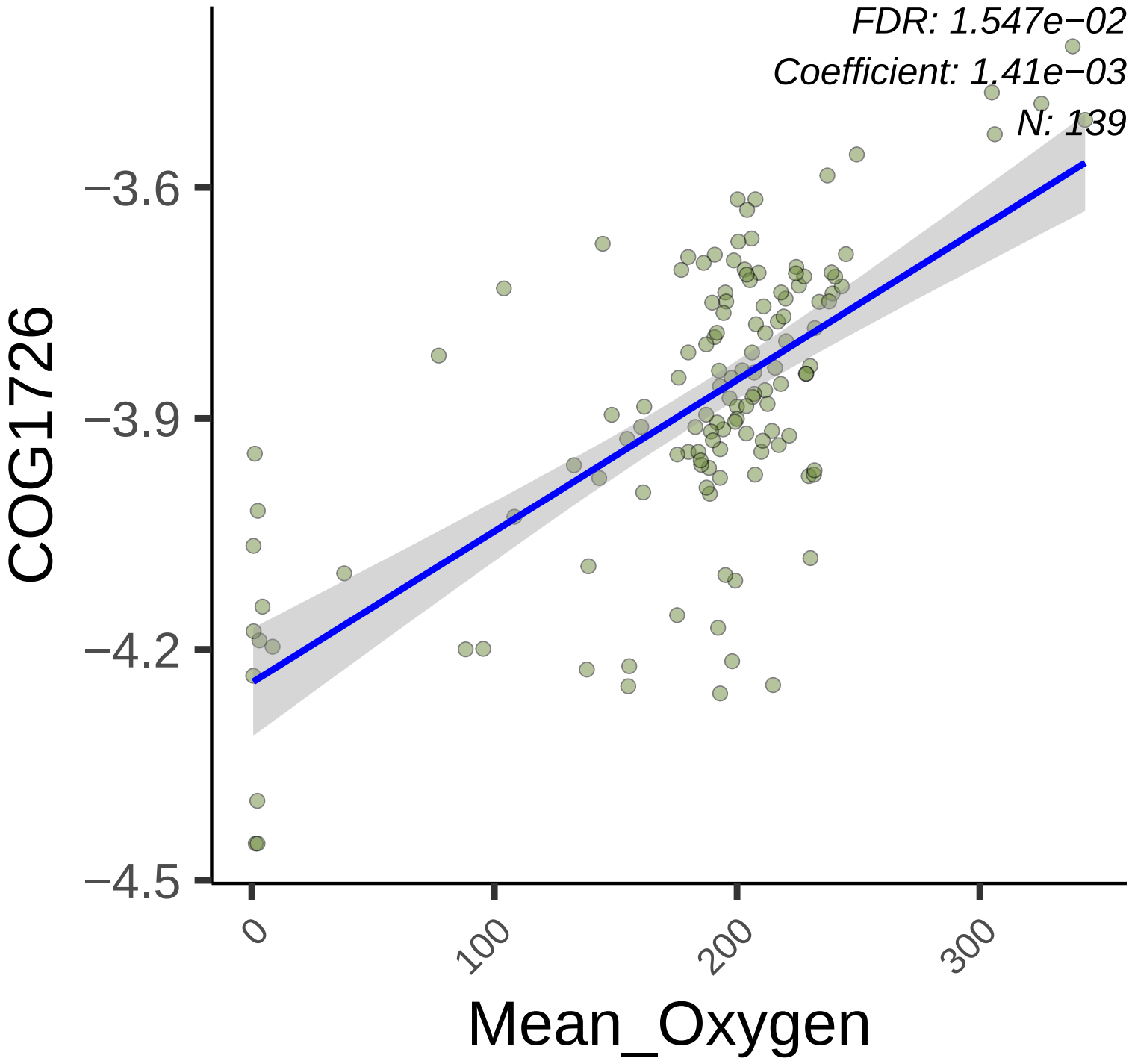
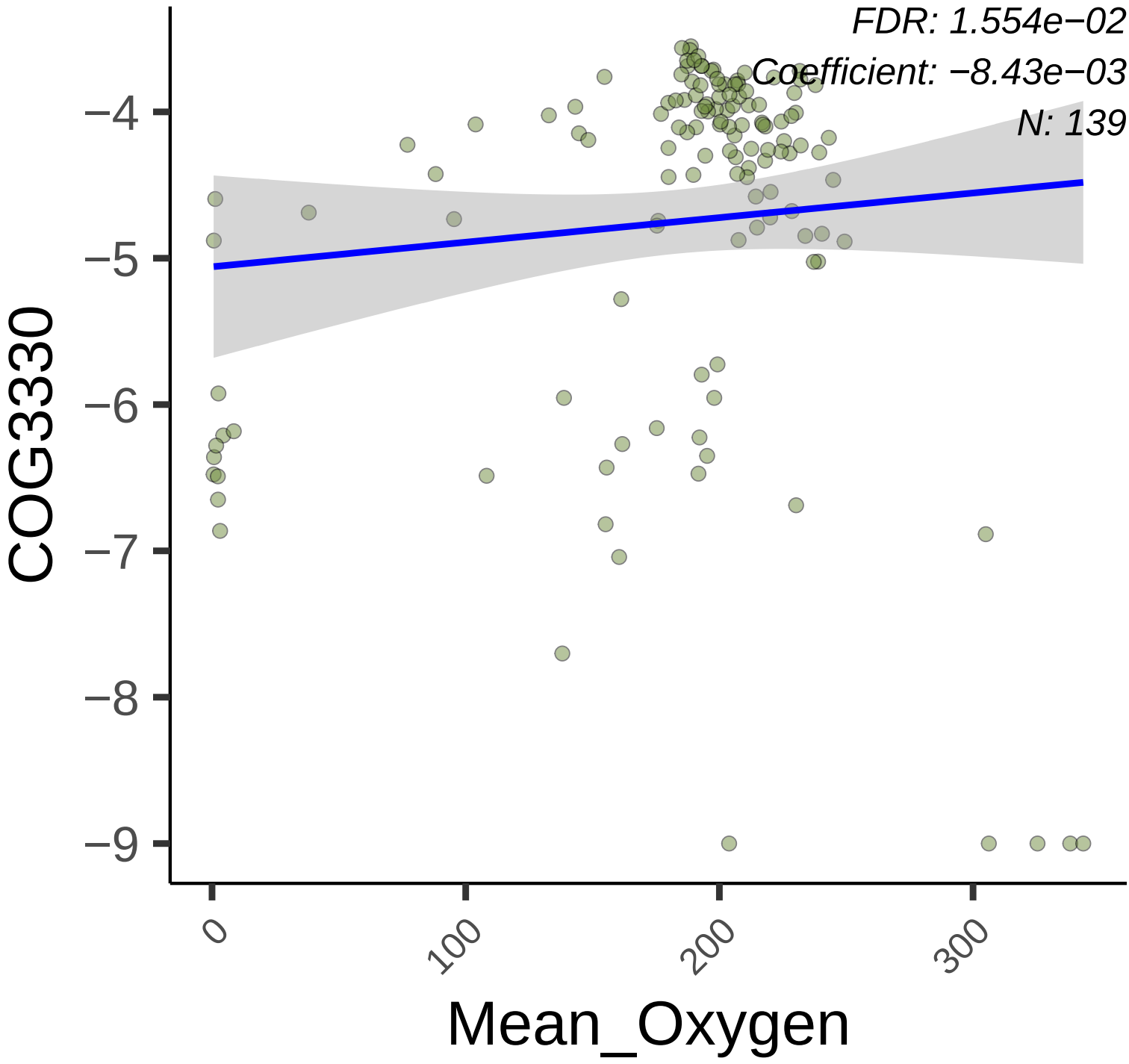
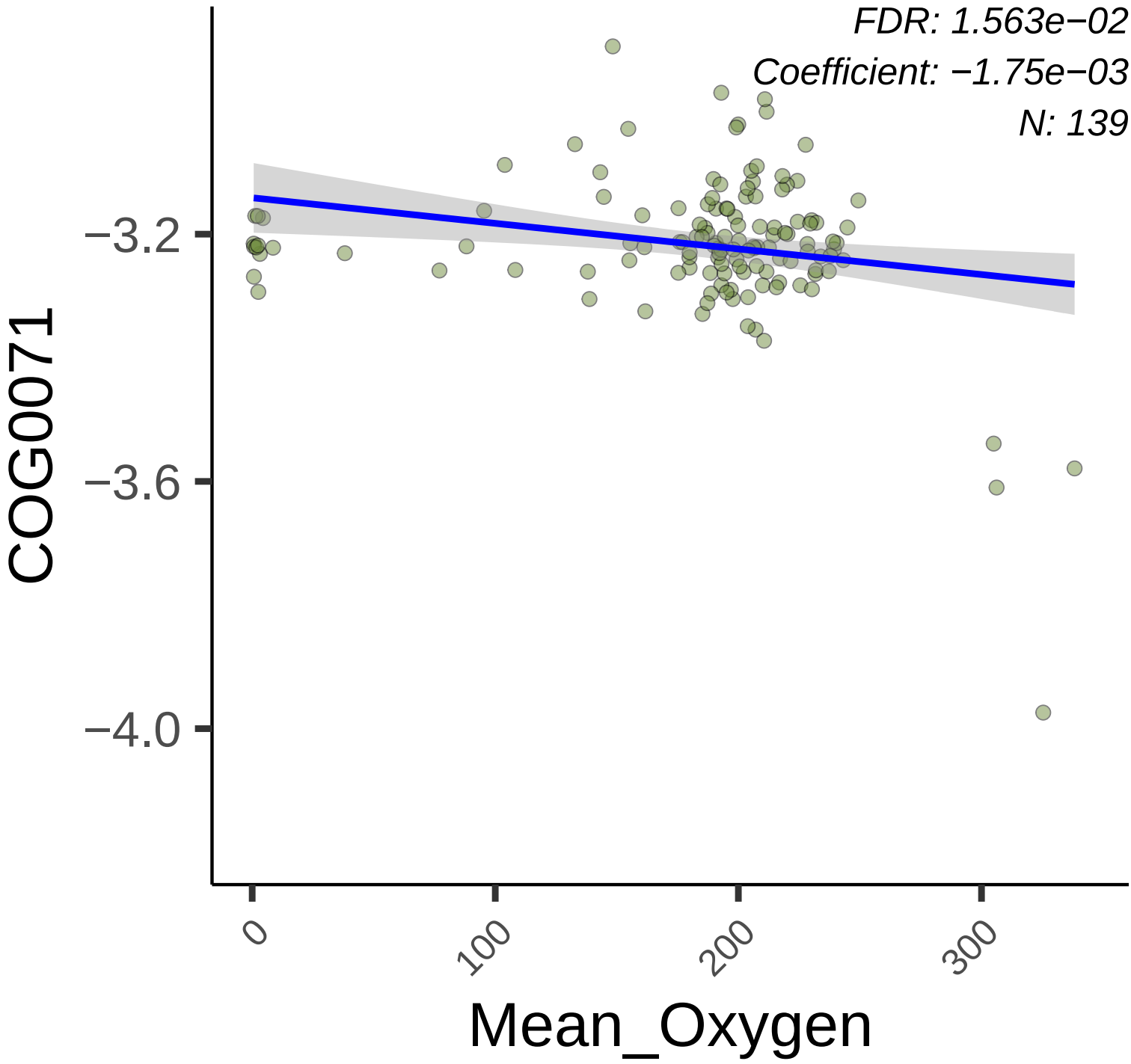
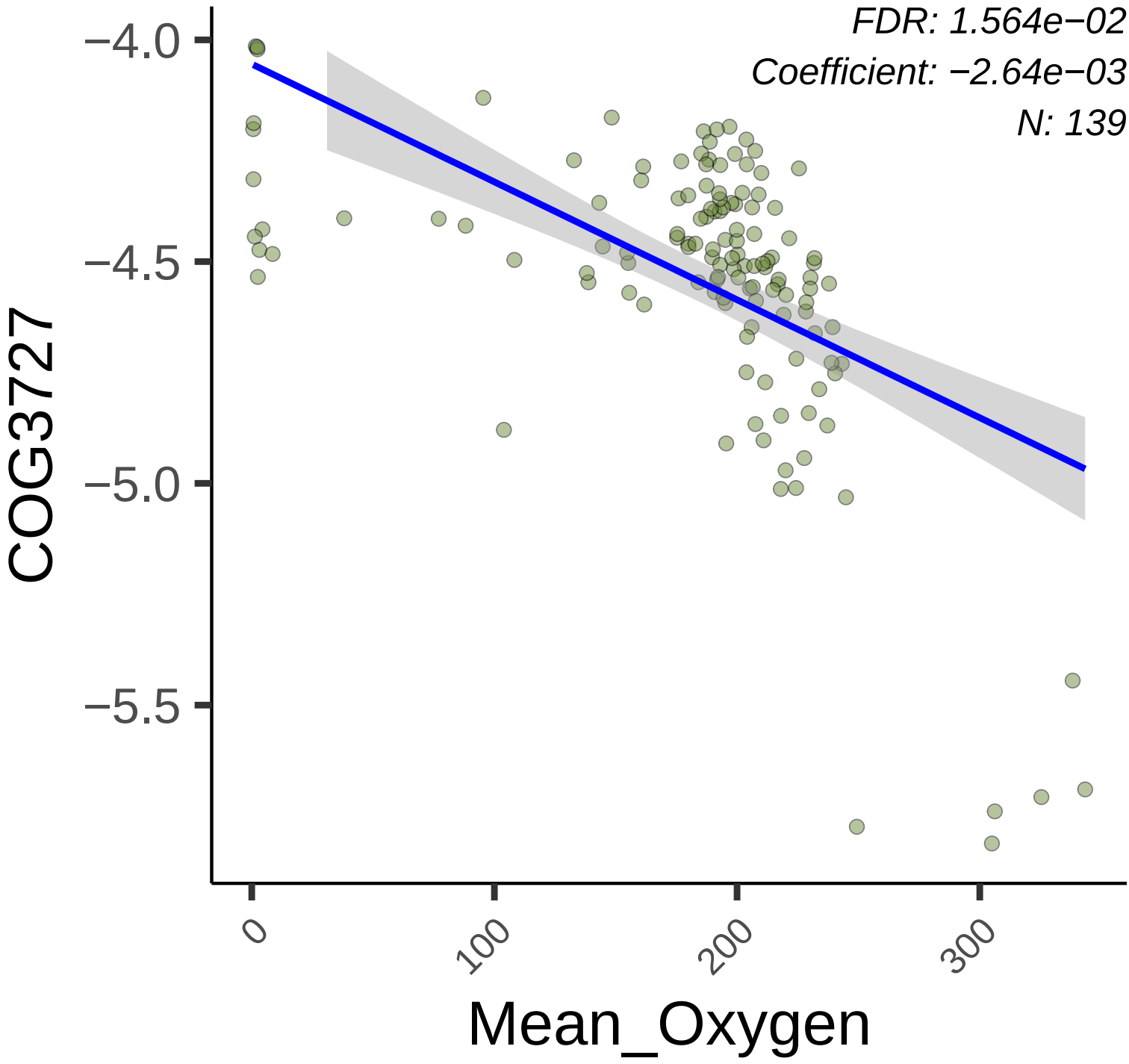
100
200
300
Mean_Oxygen


FDR: 1.547e−02
Coefficient: 1.41e−03
N: 139
COG1726
−3.6
−3.9
−4.2
−4.5
0
100
200
300
Mean_Oxygen


FDR: 1.554e−02
Coefficient: −8.43e−03
N: 139
−4
−5
−6
−7
−8
−9
COG3330
0
100
200
300
Mean_Oxygen


FDR: 1.563e−02
Coefficient: −1.75e−03
N: 139
−3.2
−3.6
−4.0
COG0071
0
100
200
300
Mean_Oxygen


FDR: 1.564e−02
Coefficient: −2.64e−03
N: 139
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−4.5
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−5.5
COG3727
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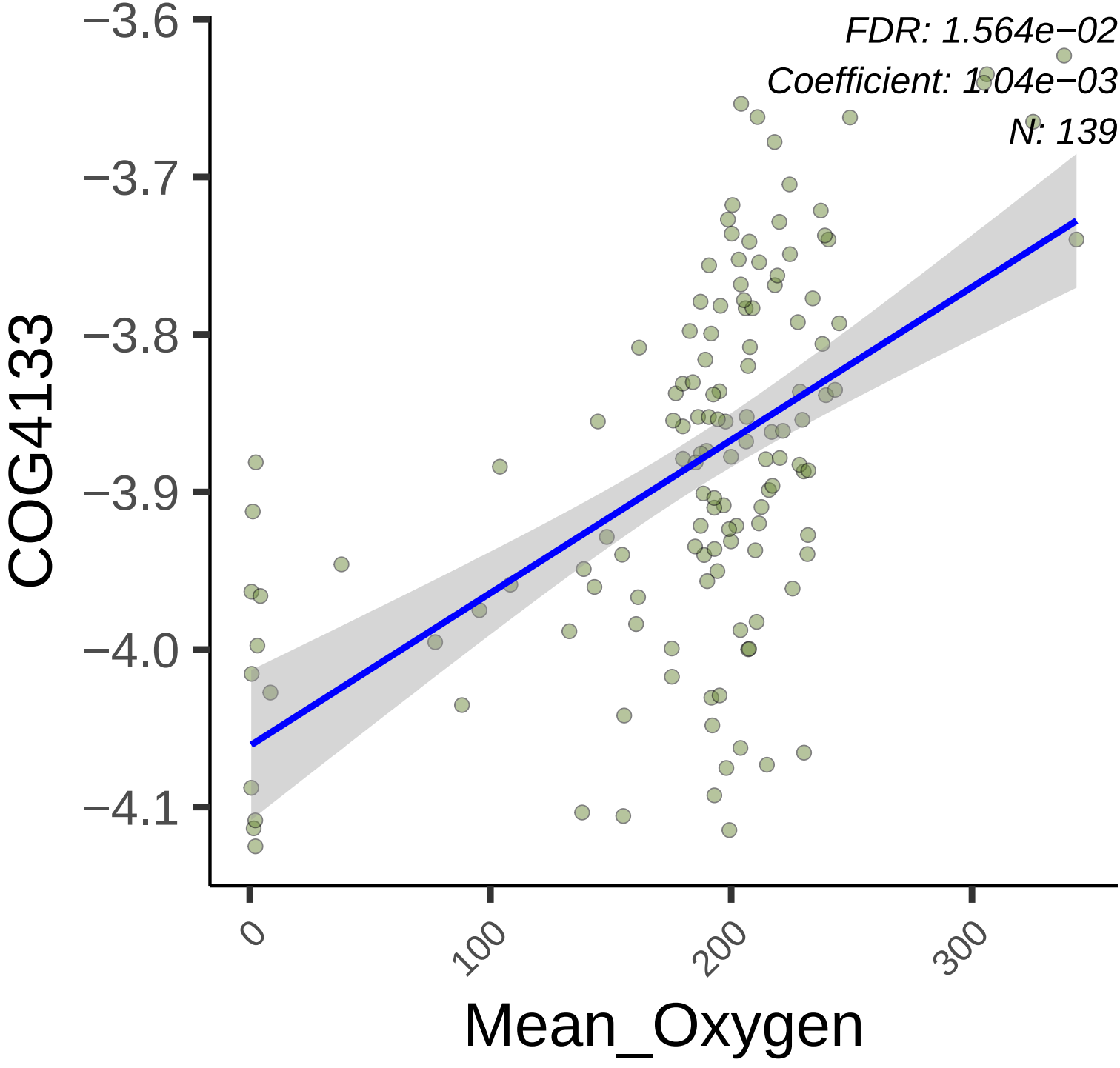
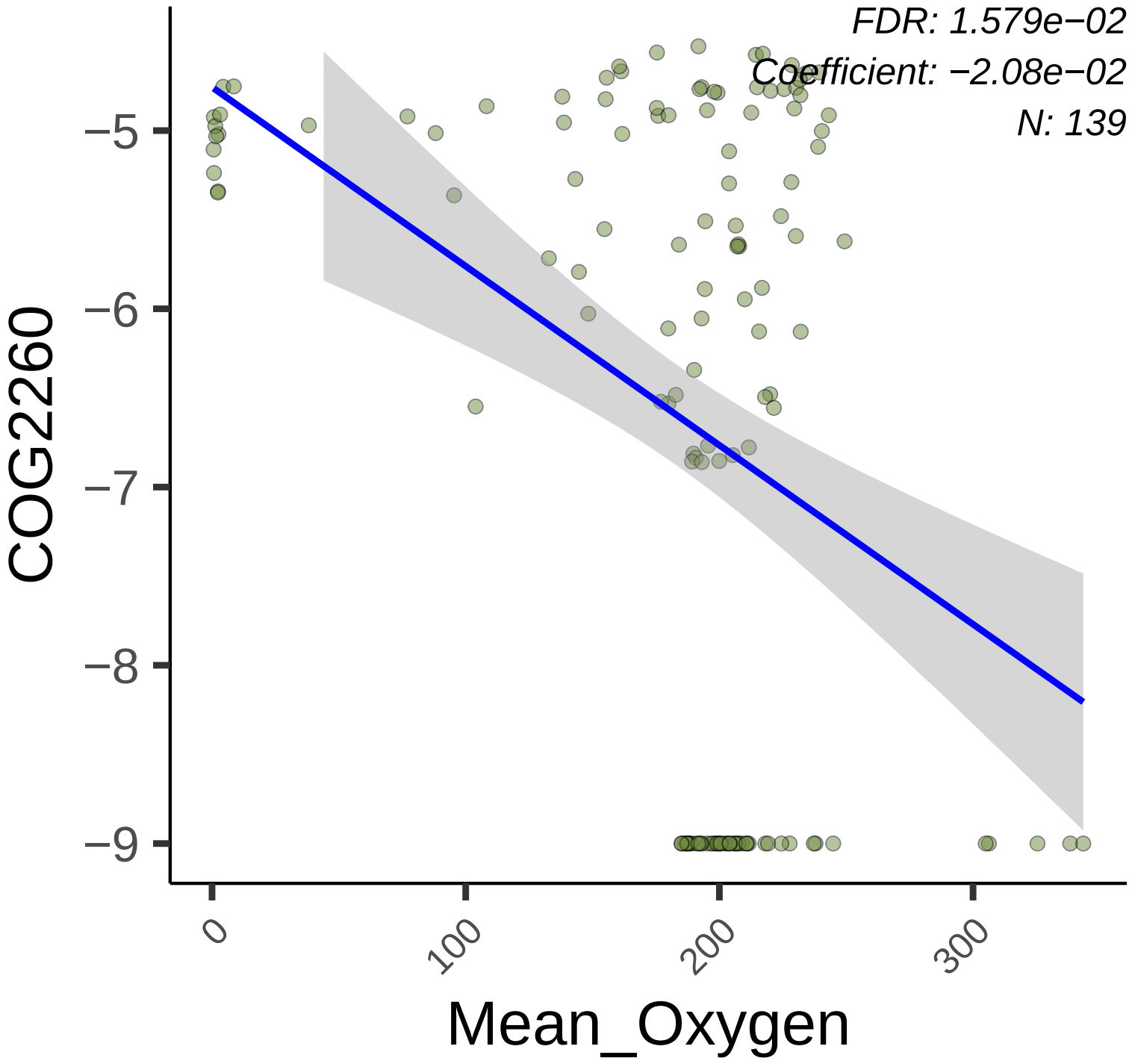
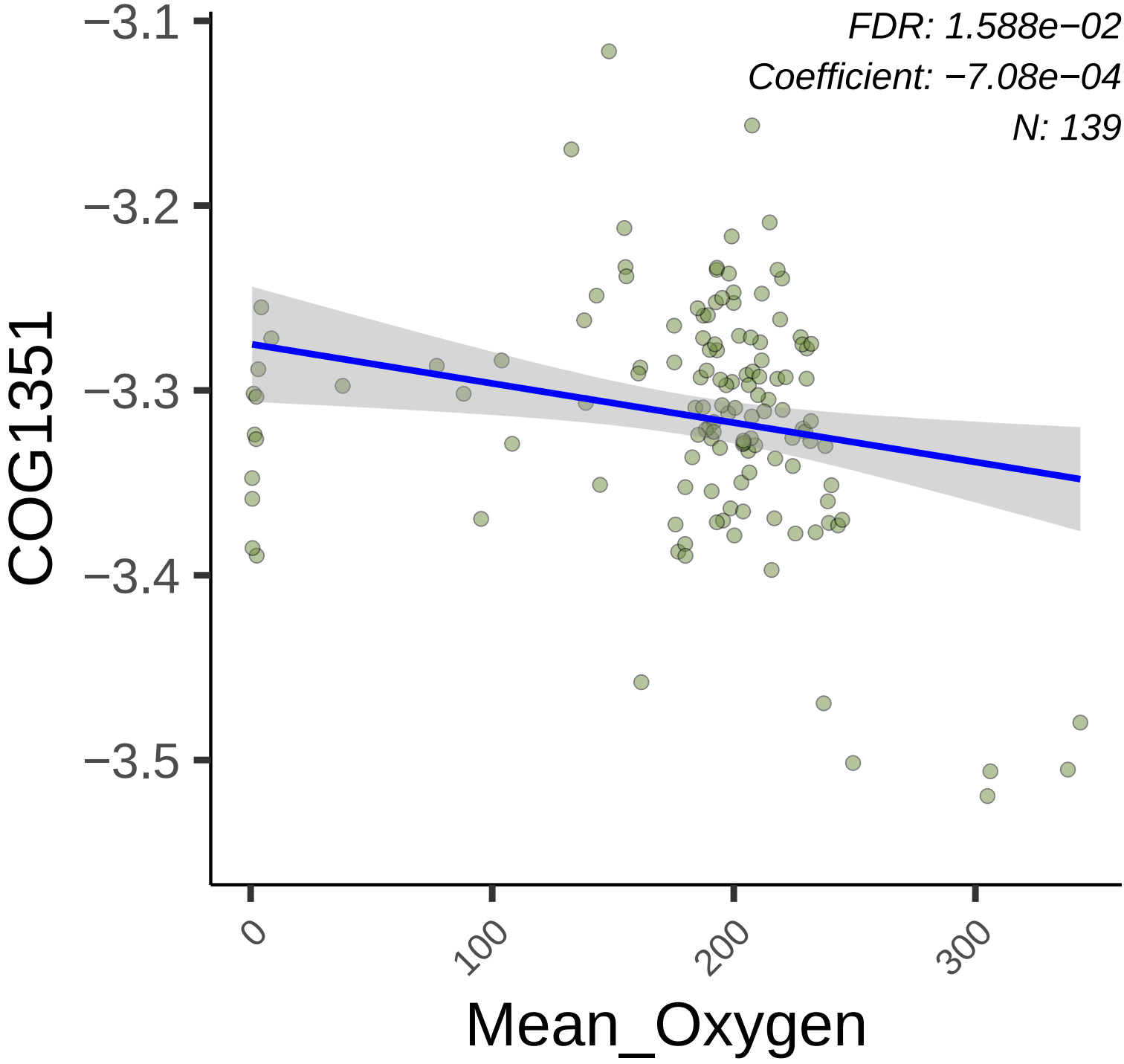
100
200
300
Mean_Oxygen


FDR: 1.564e−02
Coefficient: 1.04e−03
N: 139
−3.6
−3.7
−3.8
−3.9
−4.0
−4.1
COG4133
0
100
200
300
Mean_Oxygen


FDR: 1.579e−02
Coefficient: −2.08e−02
N: 139
COG2260
−5
−6
−7
−8
−9
0
100
200
300
Mean_Oxygen


FDR: 1.588e−02
Coefficient: −7.08e−04
N: 139
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−3.2
−3.3
−3.4
−3.5
COG1351
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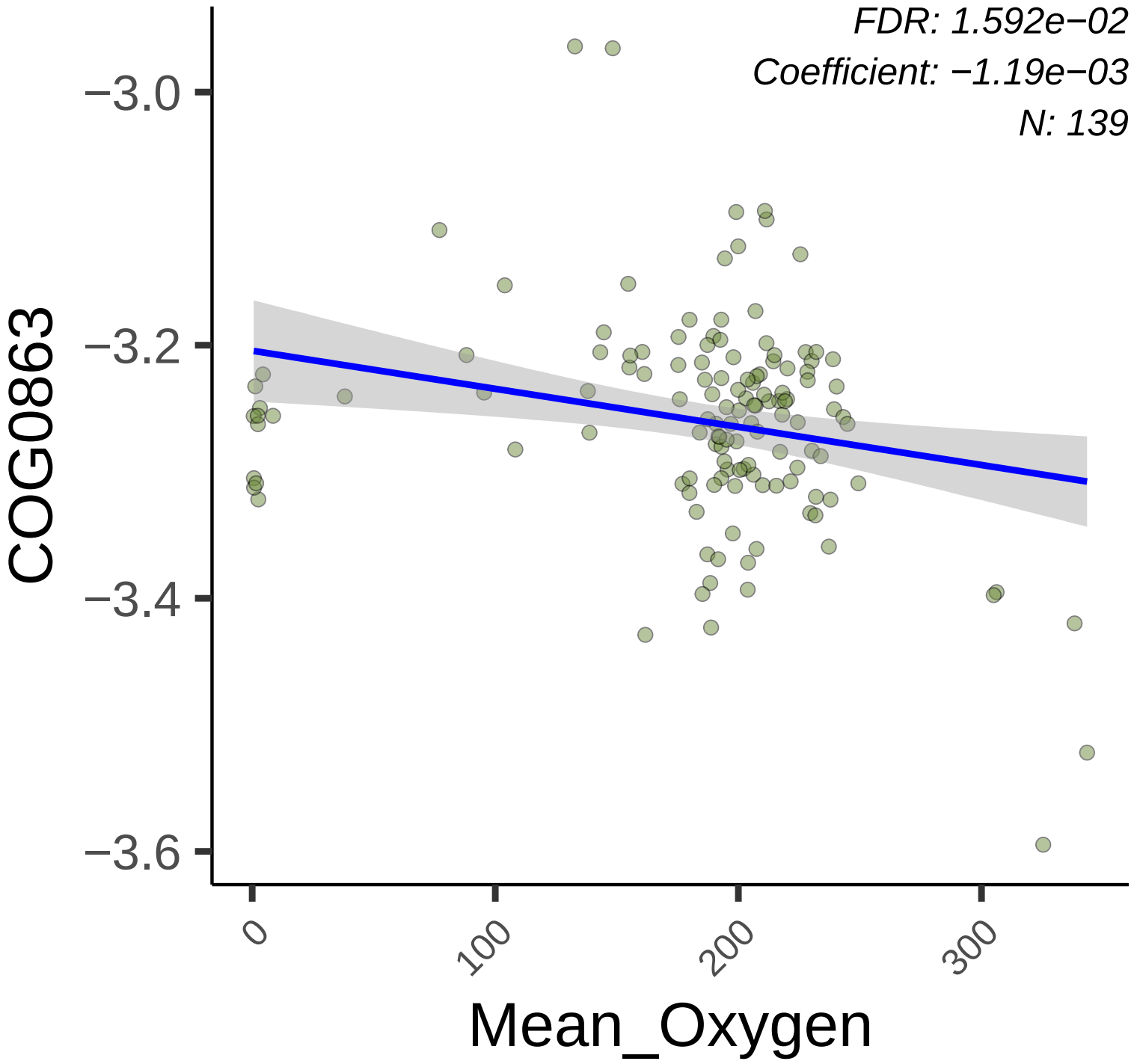
200
300
Mean_Oxygen


FDR: 1.592e−02
Coefficient: −1.19e−03
N: 139
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−3.6
COG0863
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200
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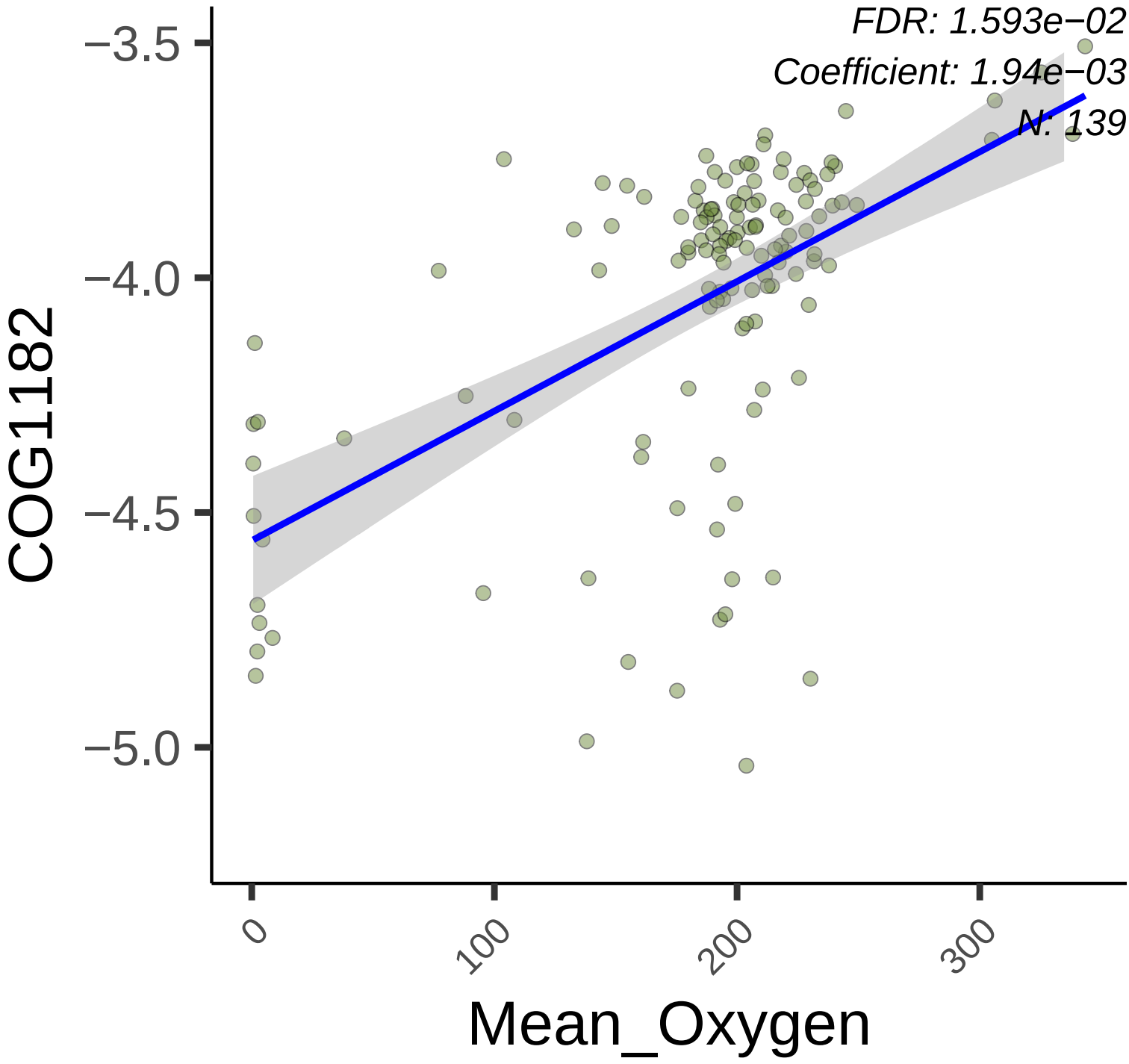
Mean_Oxygen


FDR: 1.593e−02
Coefficient: 1.94e−03
N: 139
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−4.0
−4.5
−5.0
COG1182
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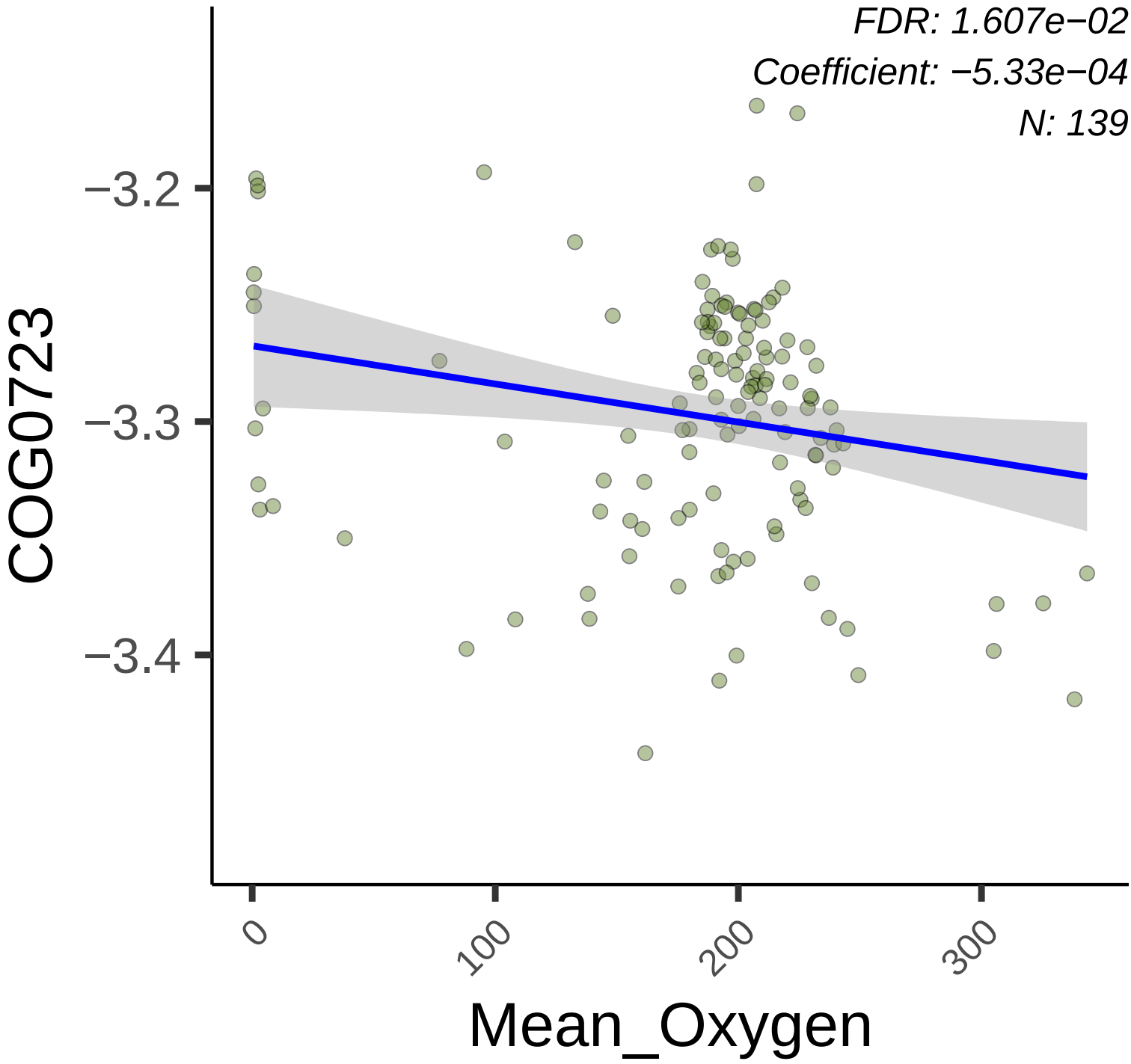
100
200
300
Mean_Oxygen


FDR: 1.607e−02
Coefficient: −5.33e−04
N: 139
−3.2
−3.3
−3.4
COG0723
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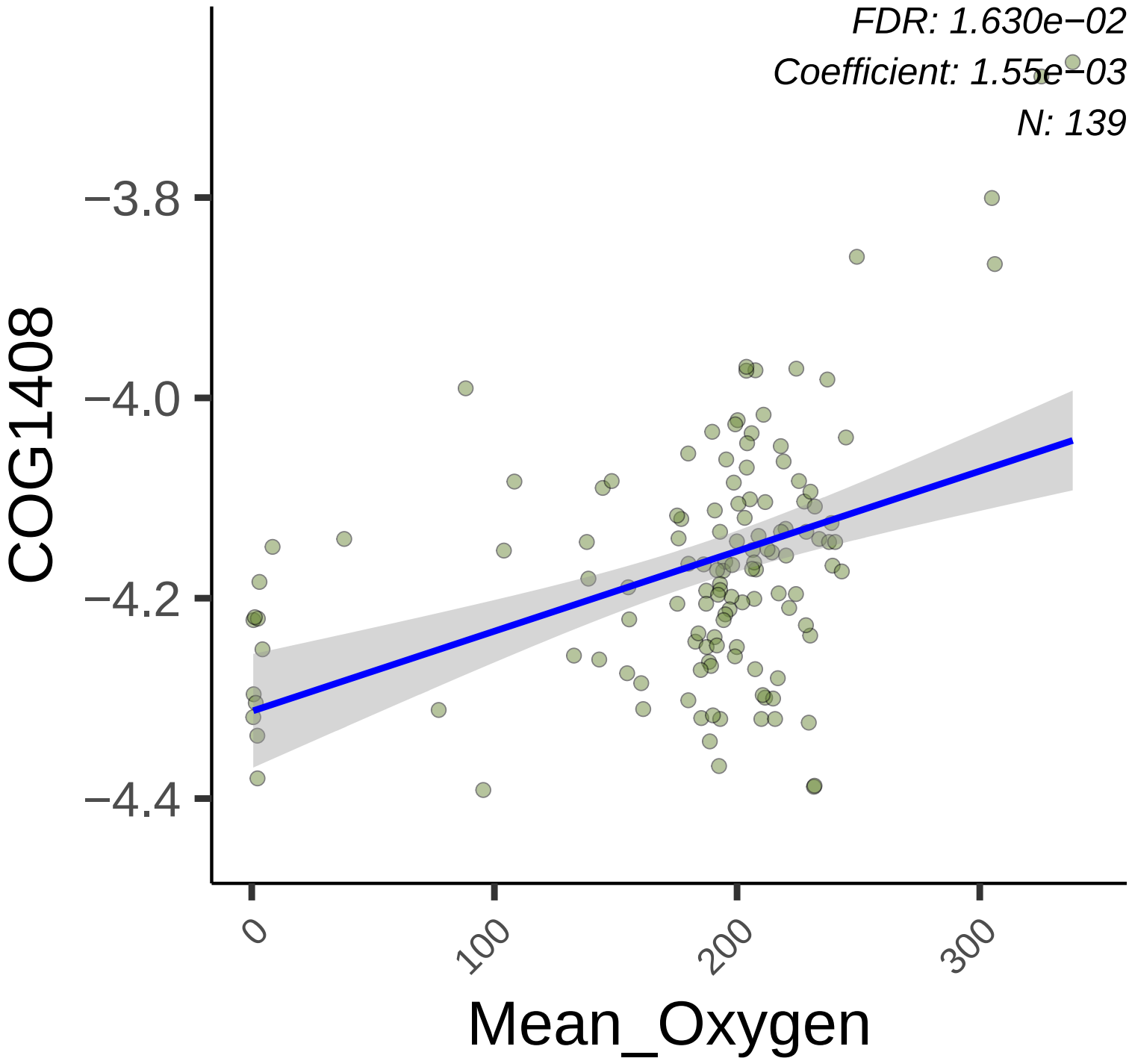
200
300
Mean_Oxygen


FDR: 1.630e−02
Coefficient: 1.55e−03
N: 139
COG1408
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−4.4
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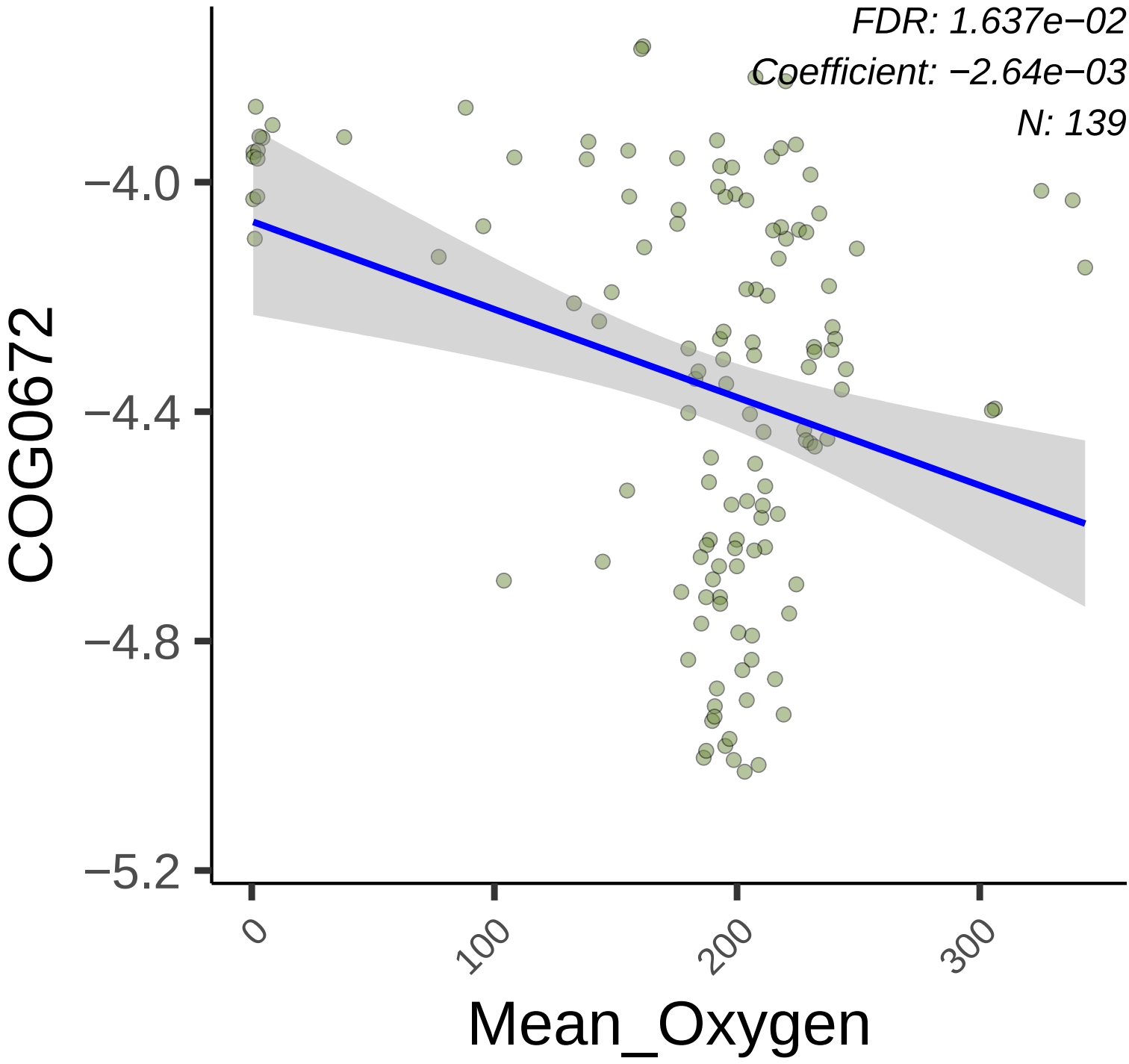
200
300
Mean_Oxygen


FDR: 1.637e−02
Coefficient: −2.64e−03
N: 139
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−4.4
−4.8
−5.2
COG0672
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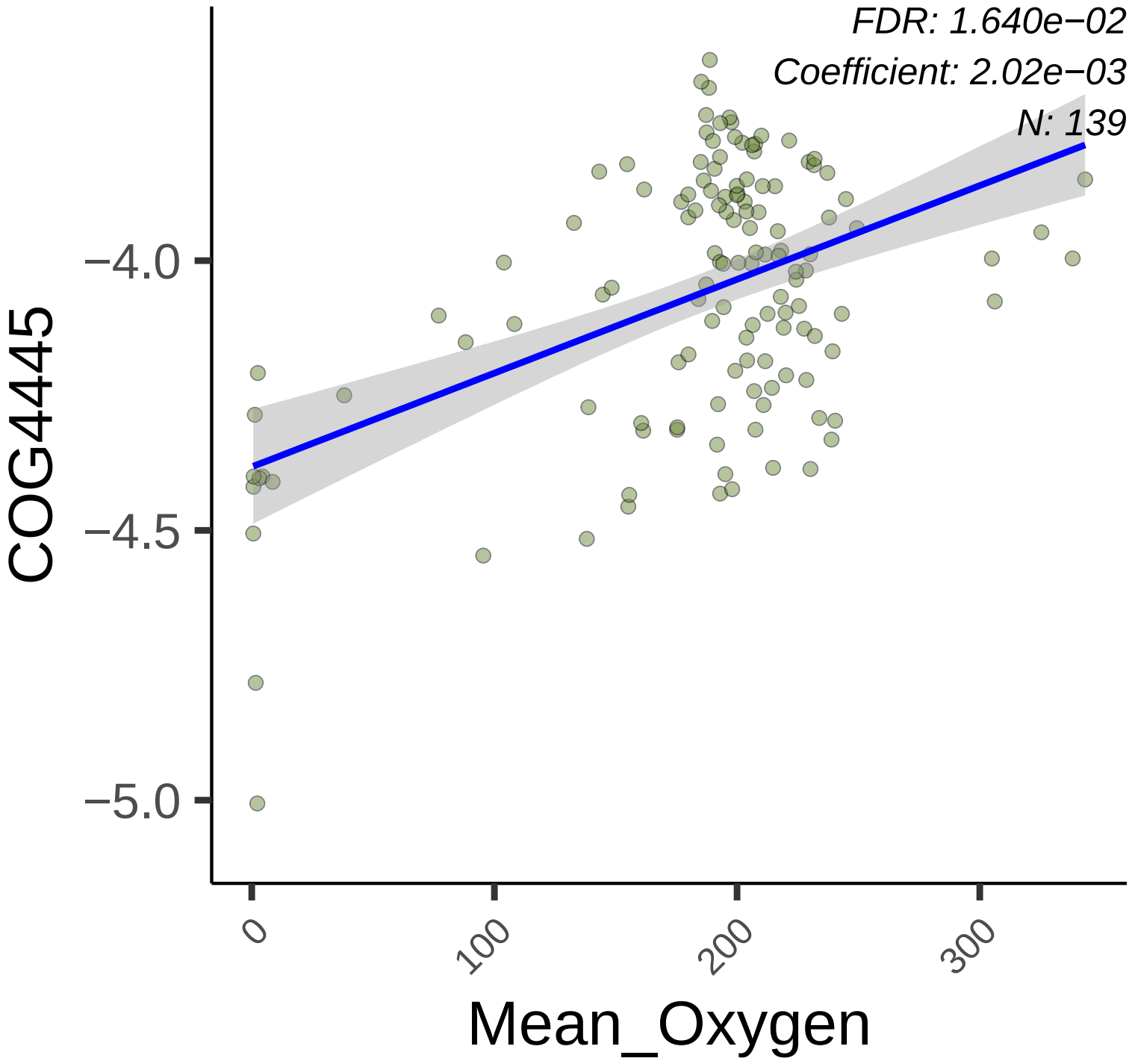
100
200
300
Mean_Oxygen


FDR: 1.640e−02
Coefficient: 2.02e−03
N: 139
COG4445
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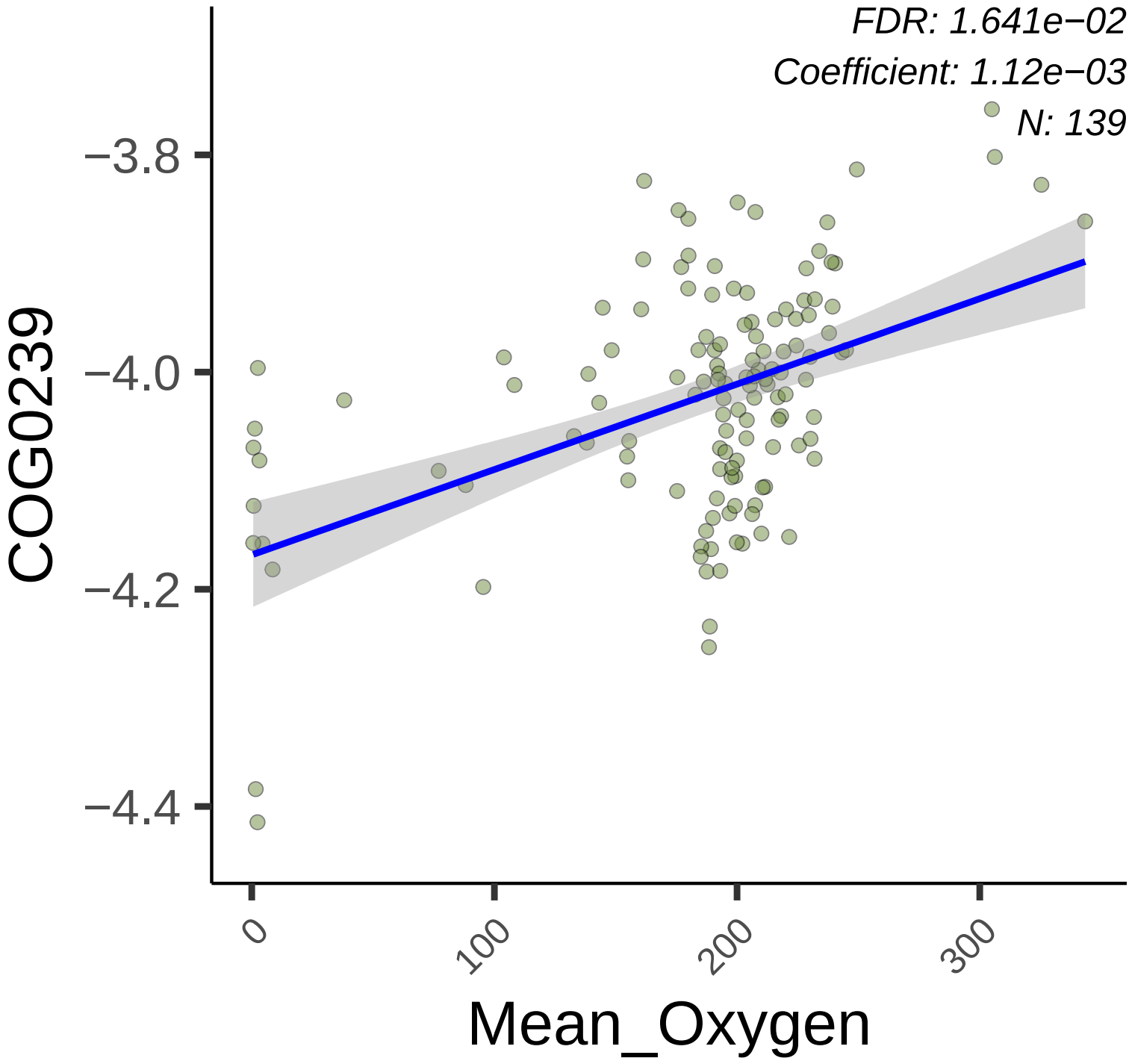
200
300
Mean_Oxygen


FDR: 1.641e−02
Coefficient: 1.12e−03
N: 139
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COG0239
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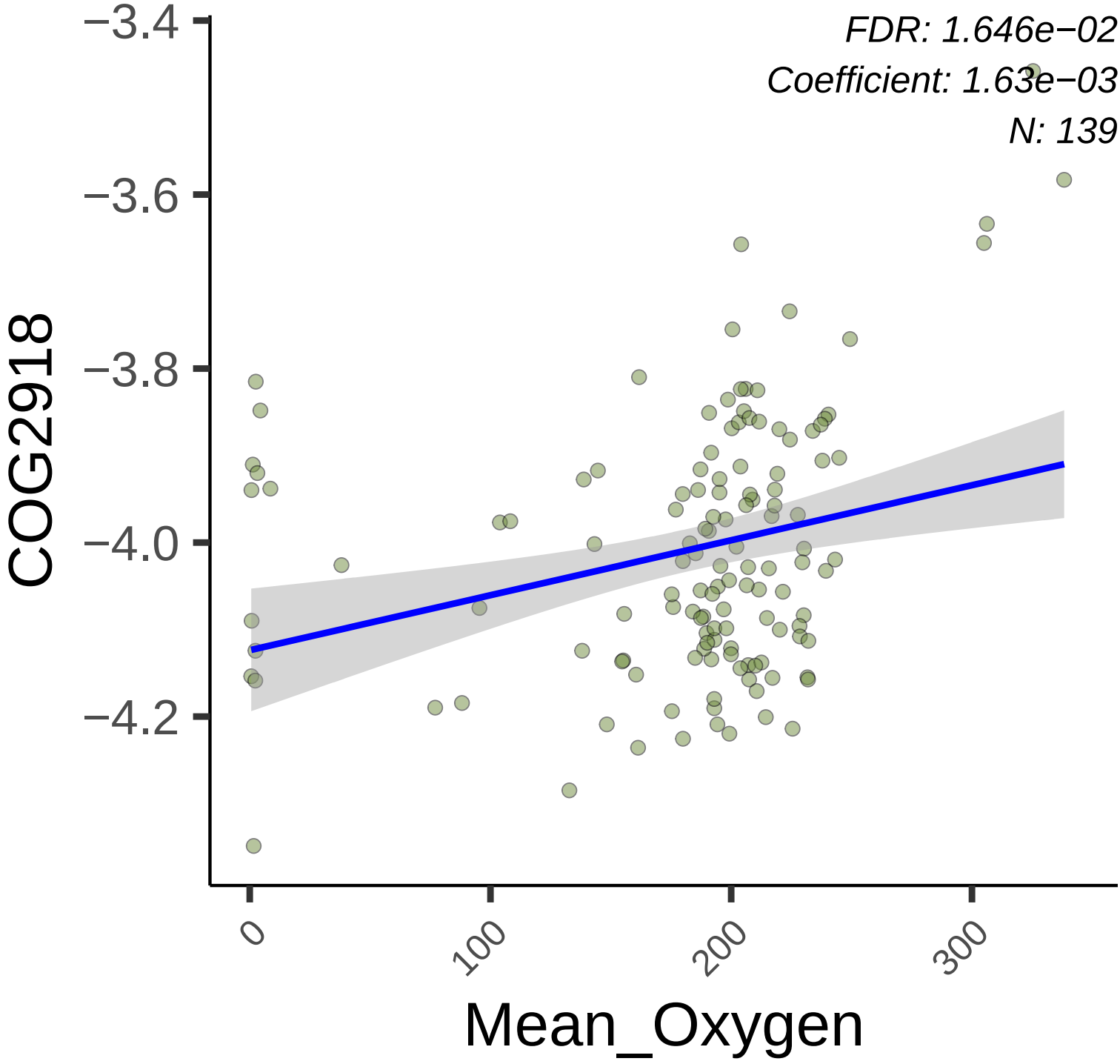
100
200
300
Mean_Oxygen


FDR: 1.646e−02
Coefficient: 1.63e−03
N: 139
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−3.8
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−4.2
COG2918
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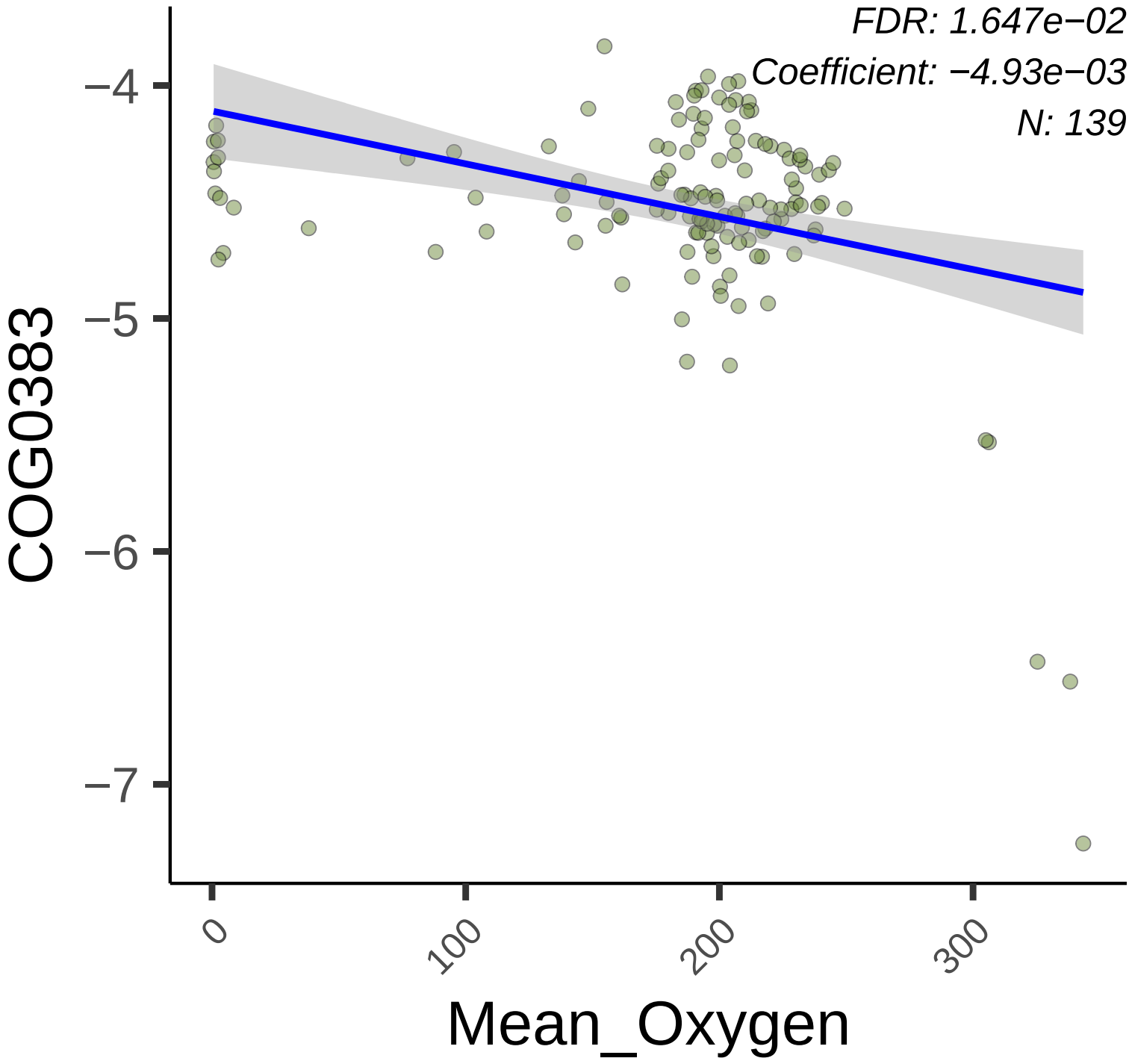
200
300
Mean_Oxygen


FDR: 1.647e−02
Coefficient: −4.93e−03
N: 139
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COG0383
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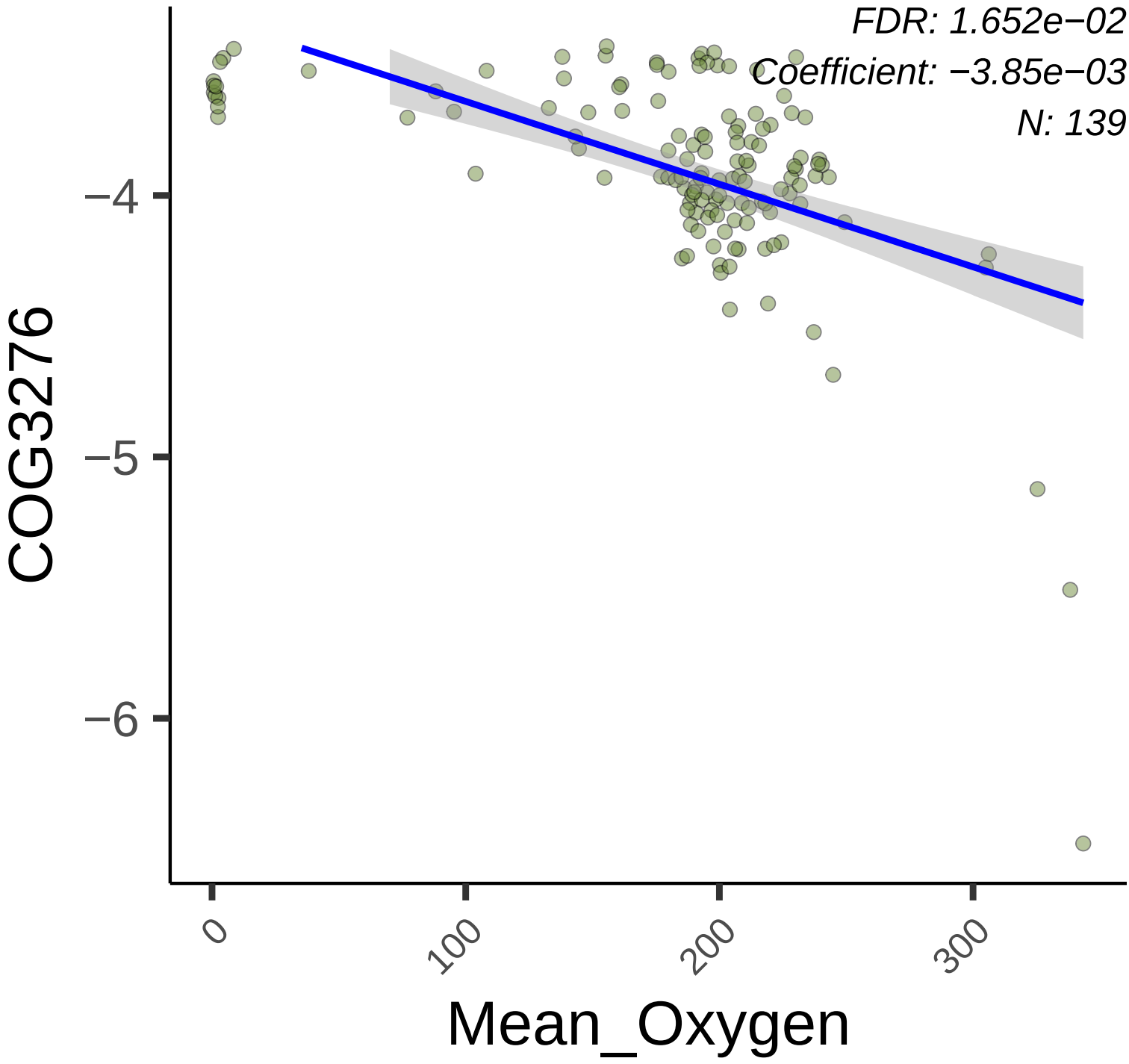
300
Mean_Oxygen


FDR: 1.652e−02
Coefficient: −3.85e−03
N: 139
COG3276
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−6
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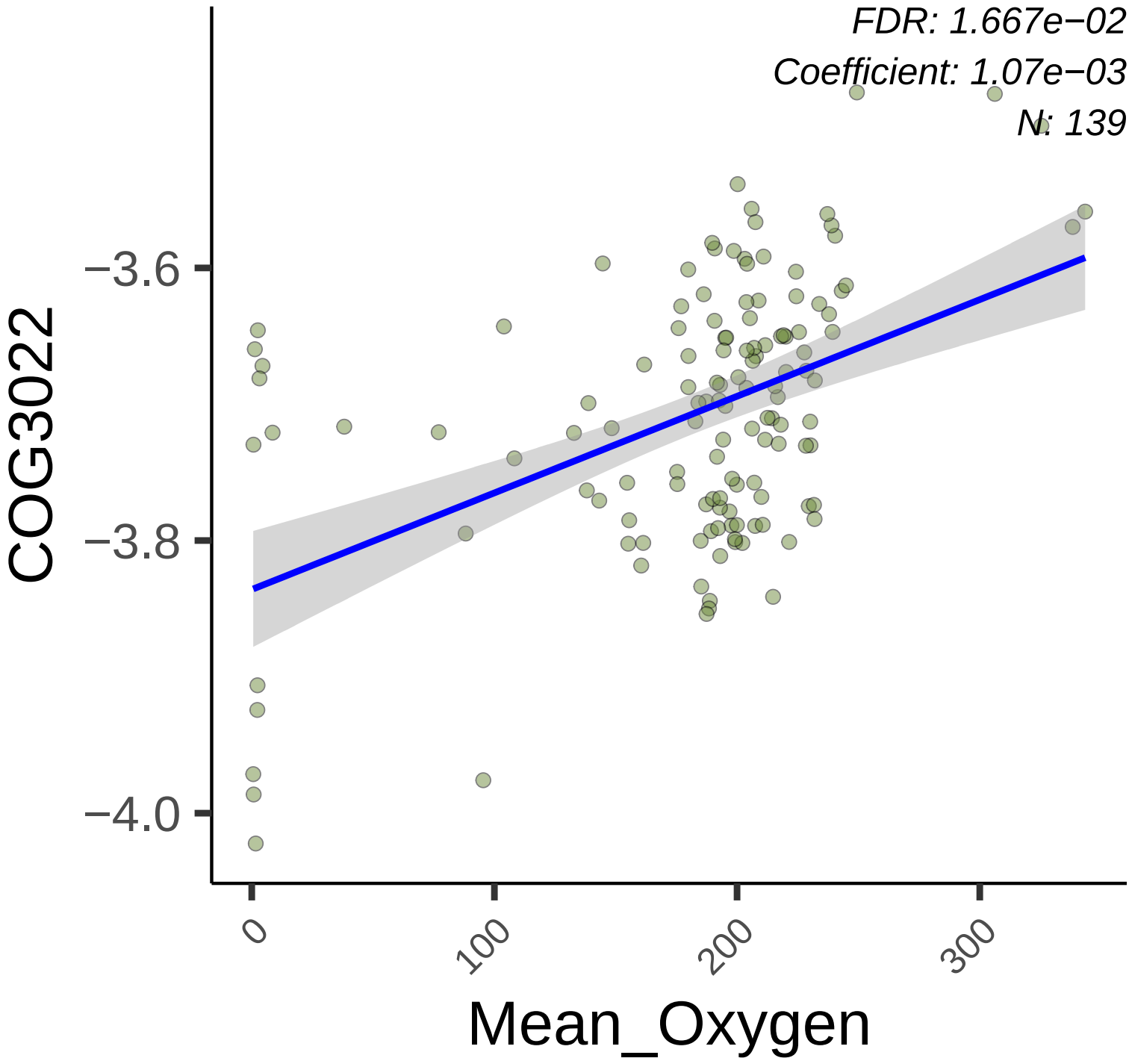
200
300
Mean_Oxygen


FDR: 1.667e−02
Coefficient: 1.07e−03
N: 139
COG3022
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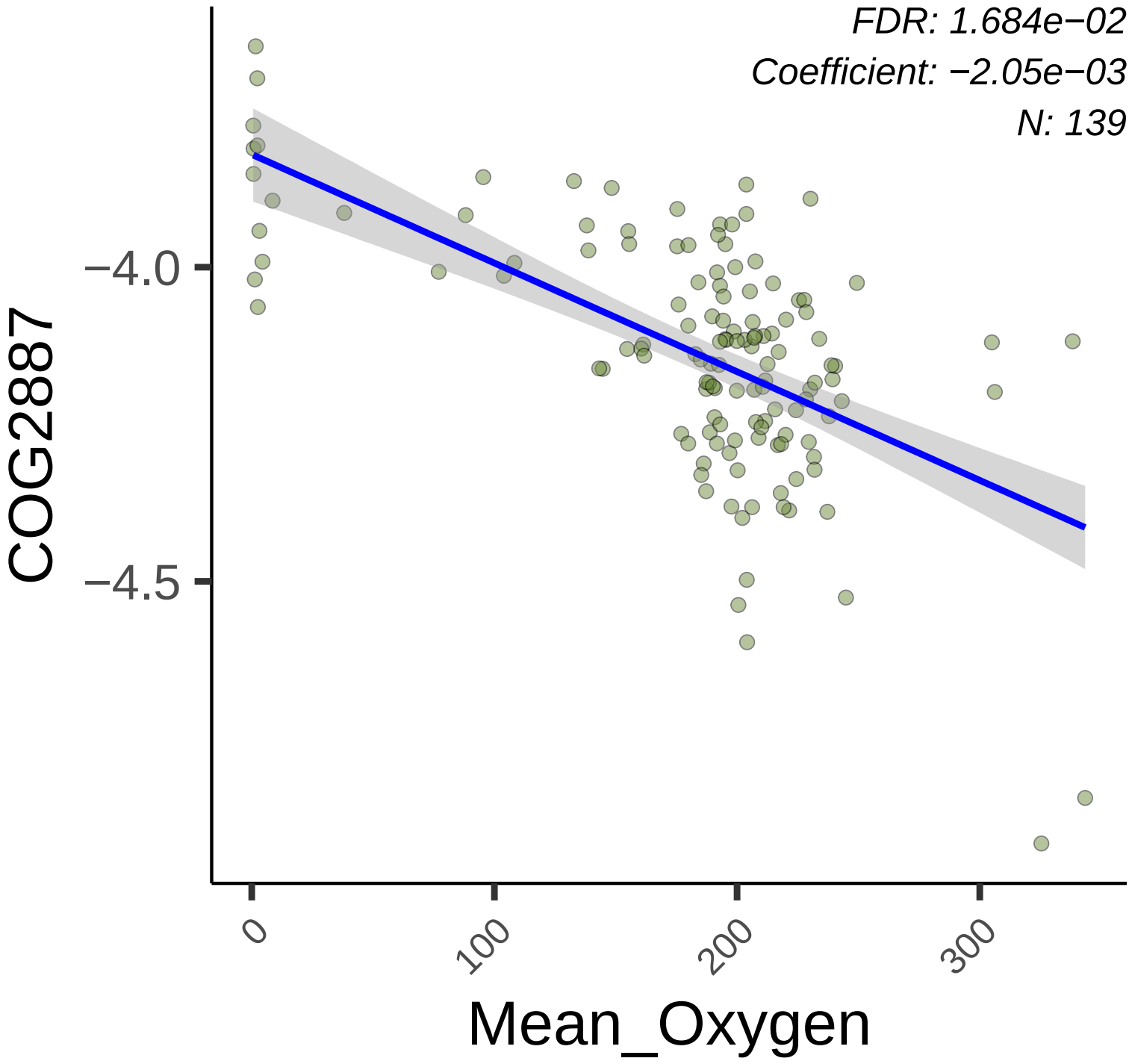
200
300
Mean_Oxygen


FDR: 1.684e−02
Coefficient: −2.05e−03
N: 139
COG2887
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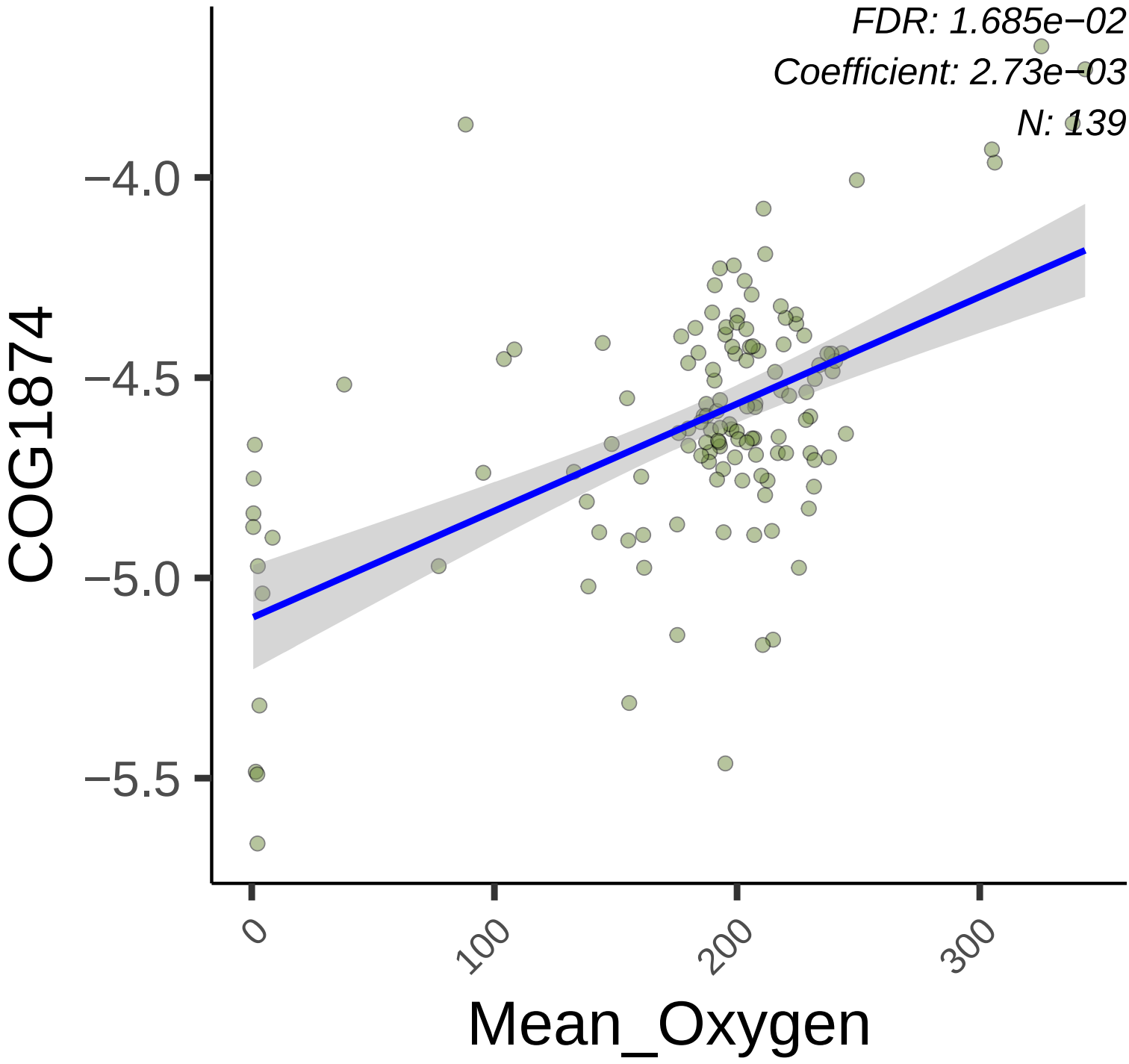
100
200
300
Mean_Oxygen


FDR: 1.685e−02
Coefficient: 2.73e−03
N: 139
COG1874
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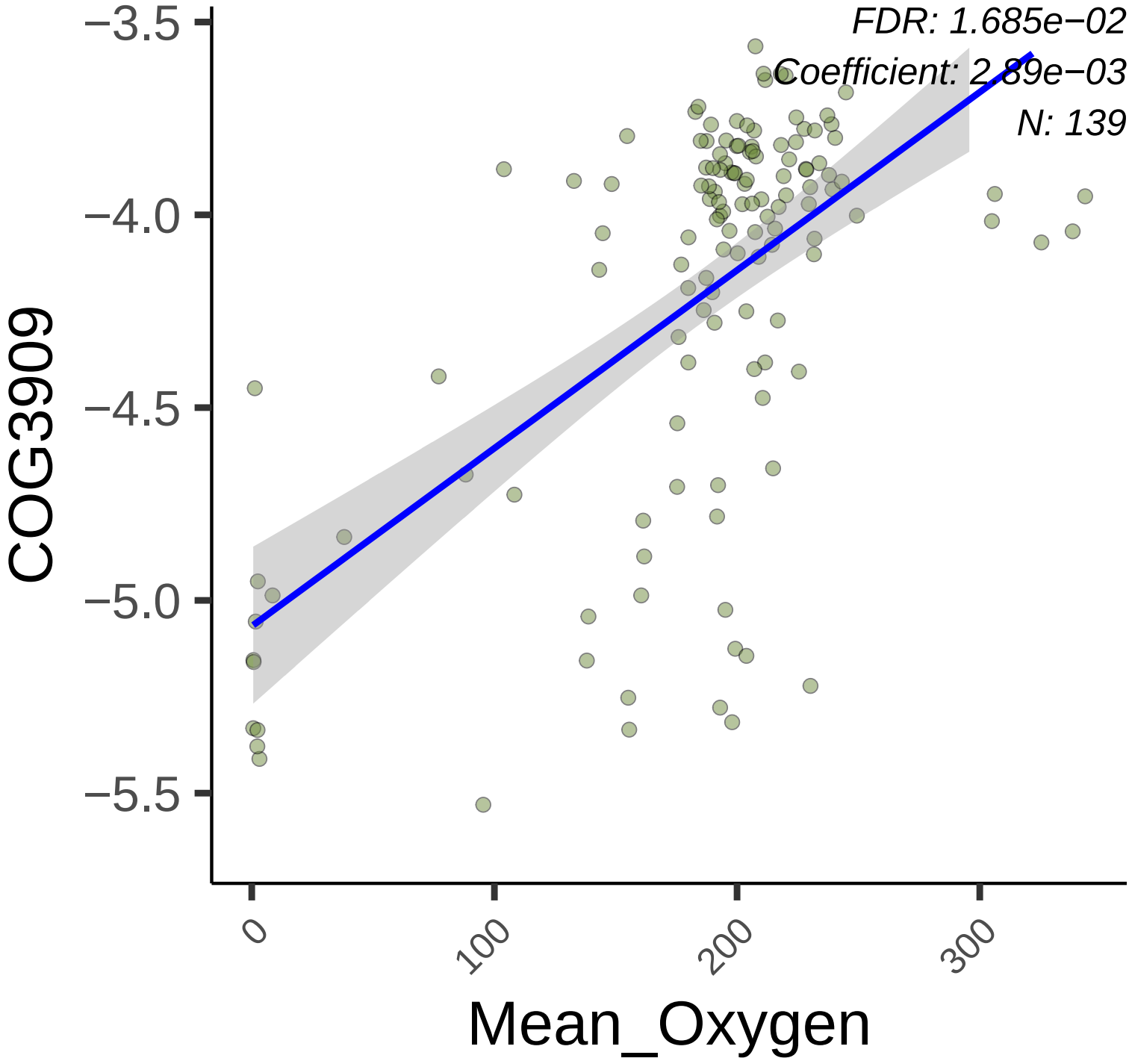
100
200
300
Mean_Oxygen


FDR: 1.685e−02
Coefficient: 2.89e−03
N: 139
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COG3909
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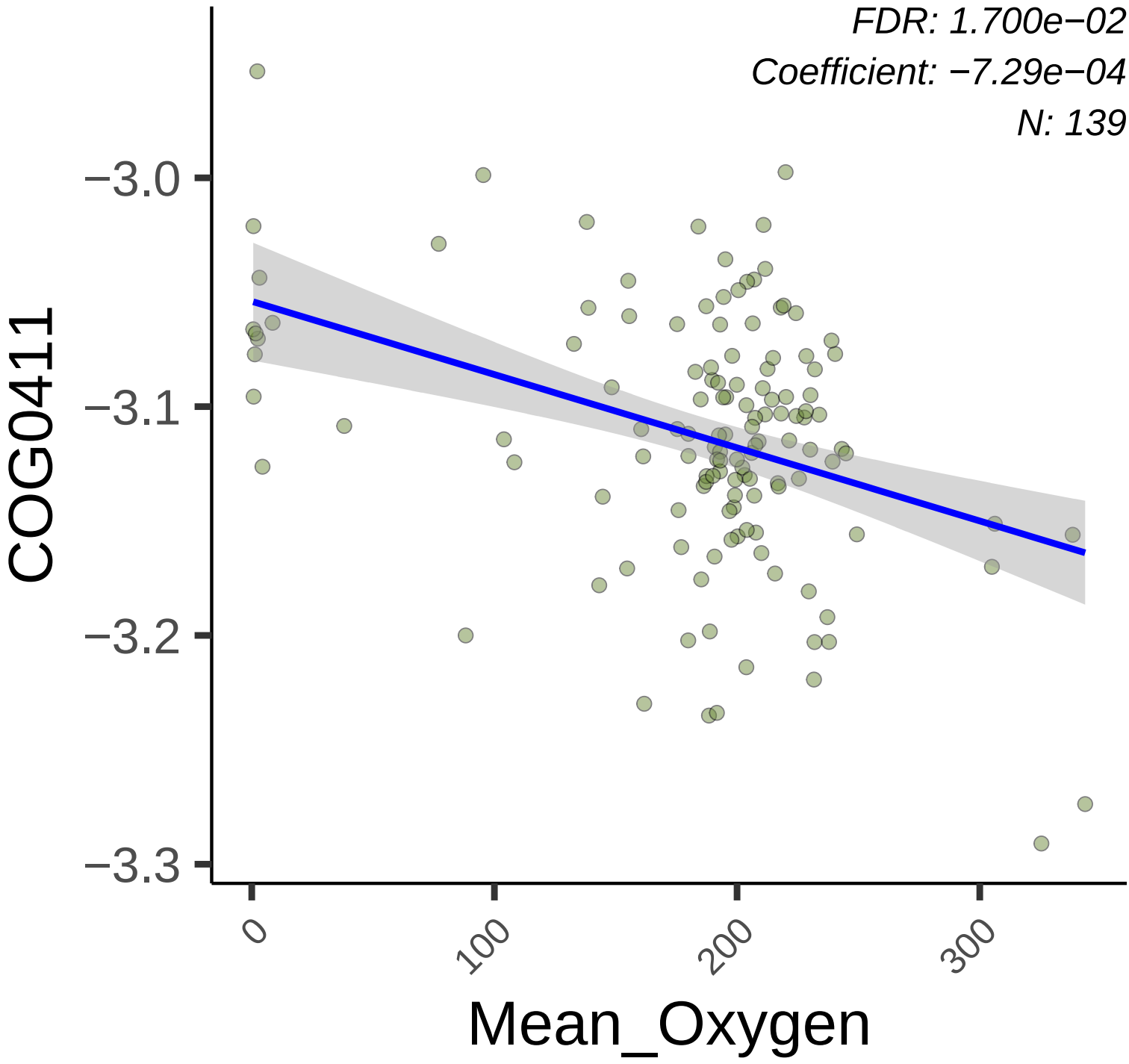
200
300
Mean_Oxygen


FDR: 1.700e−02
Coefficient: −7.29e−04
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COG0411
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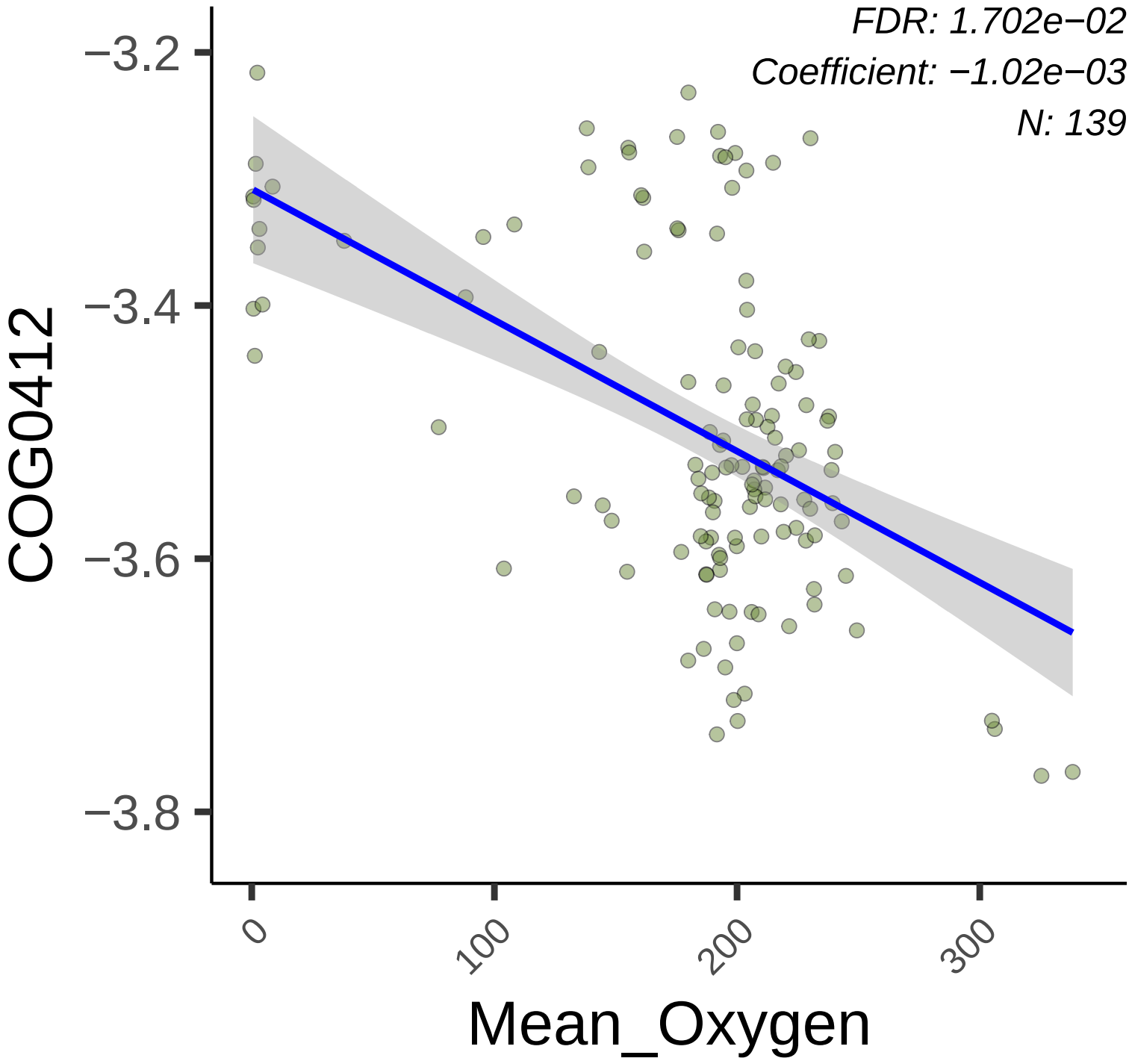
Mean_Oxygen


FDR: 1.702e−02
Coefficient: −1.02e−03
N: 139
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−3.4
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COG0412
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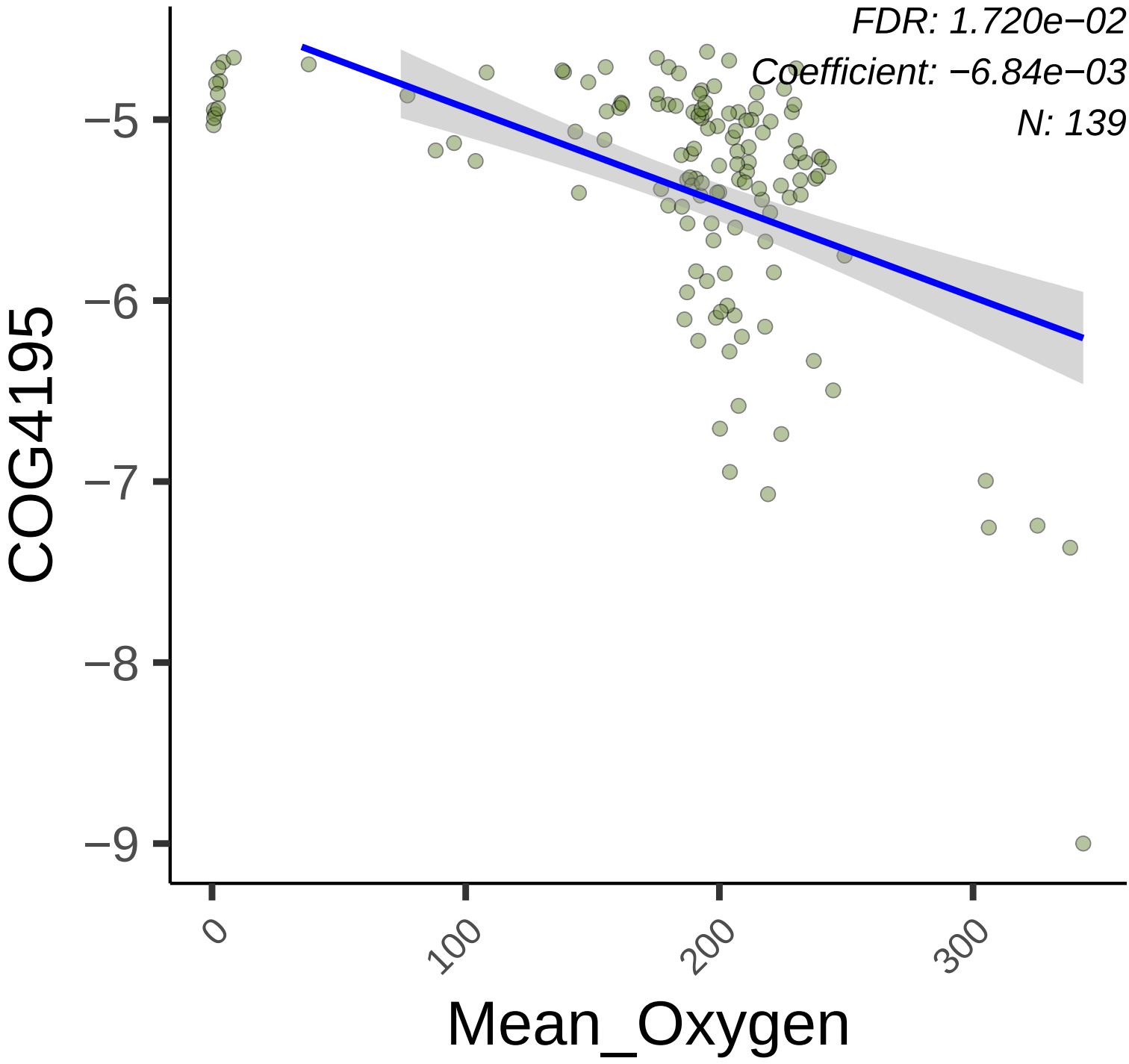
200
300
Mean_Oxygen


FDR: 1.720e−02
Coefficient: −6.84e−03
N: 139
COG4195
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−6
−7
−8
−9
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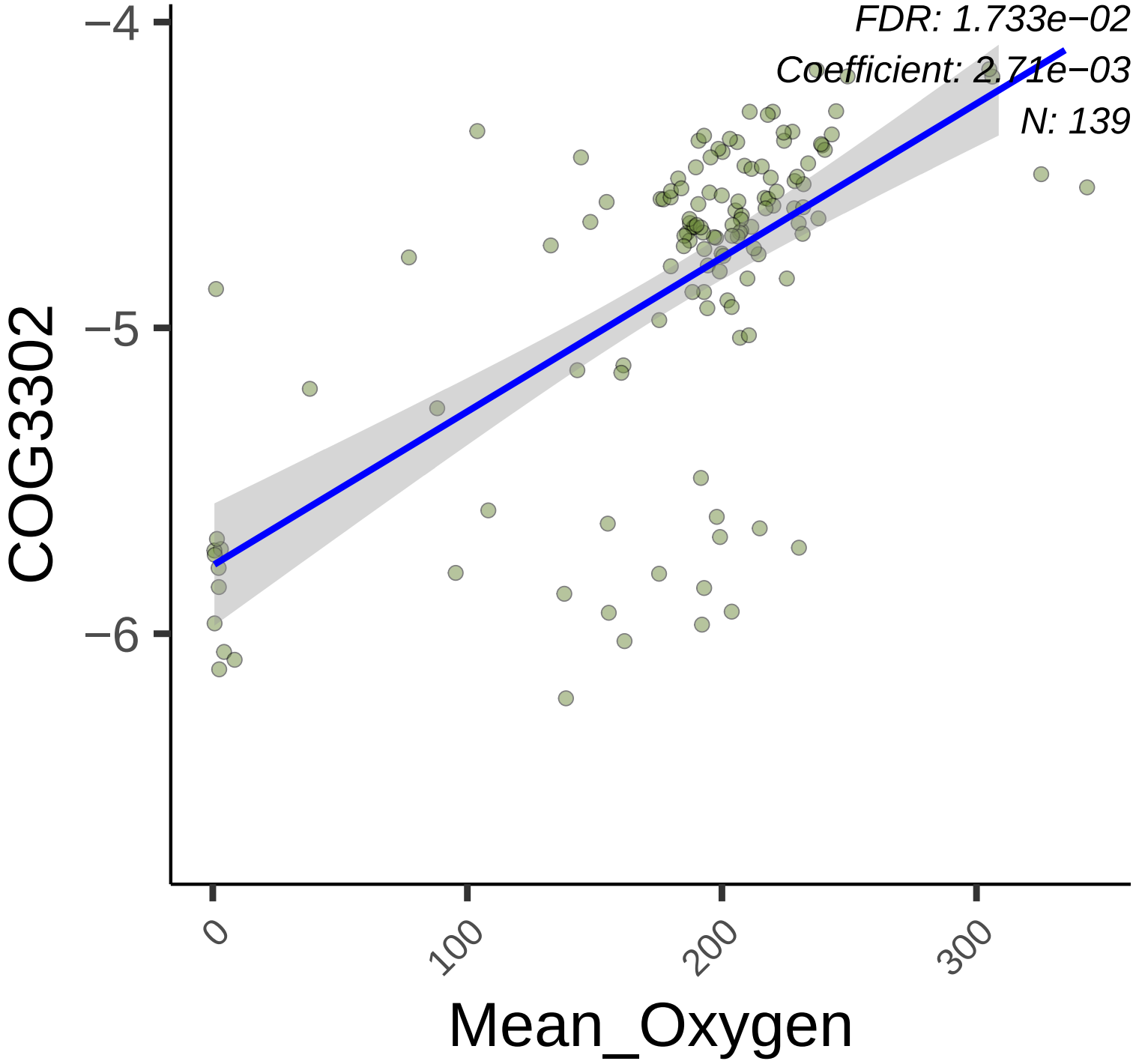
200
300
Mean_Oxygen


FDR: 1.733e−02
Coefficient: 2.71e−03
N: 139
−4
−5
−6
COG3302
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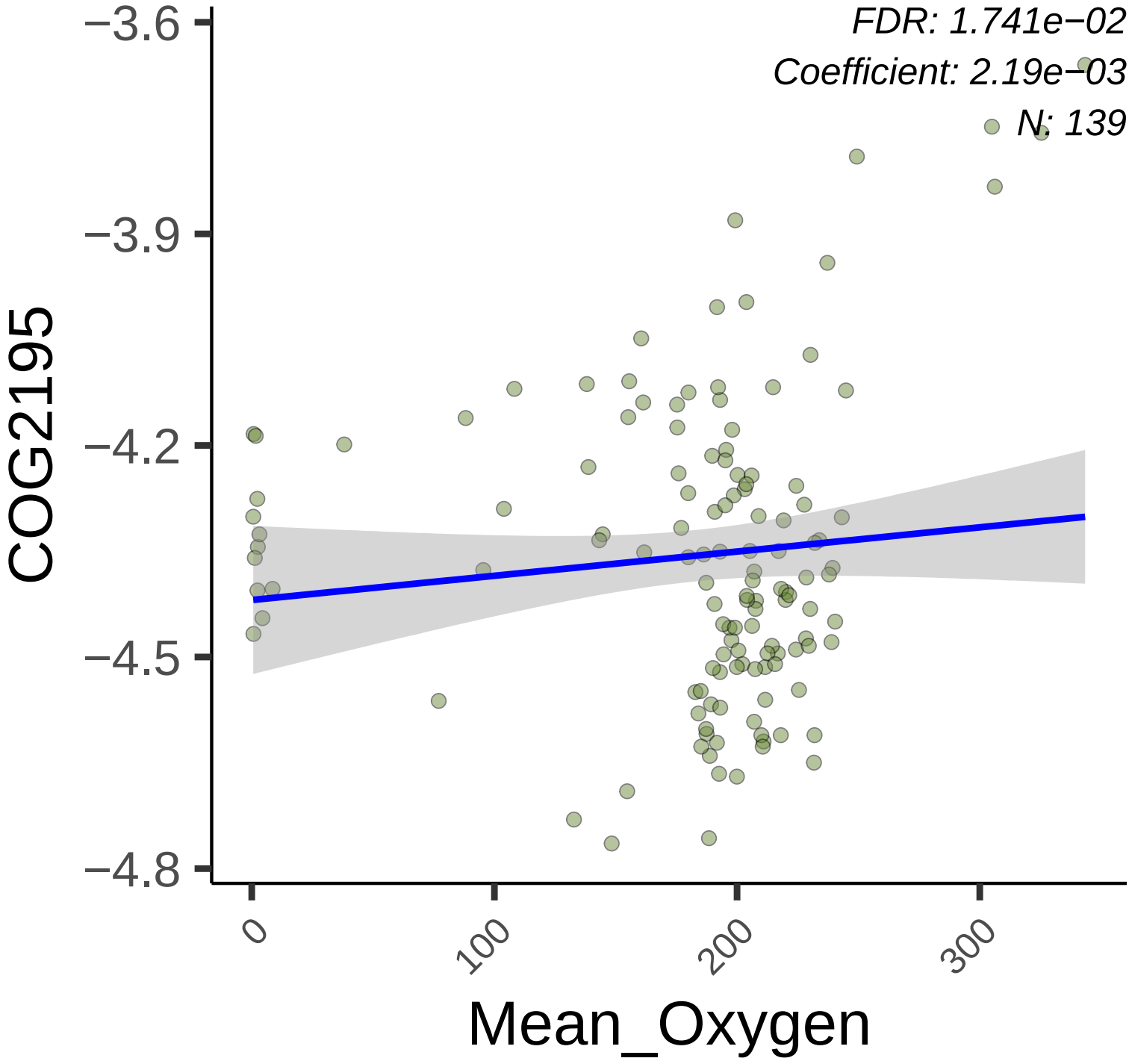
200
300
Mean_Oxygen


FDR: 1.741e−02
Coefficient: 2.19e−03
N: 139
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−4.5
−4.8
COG2195
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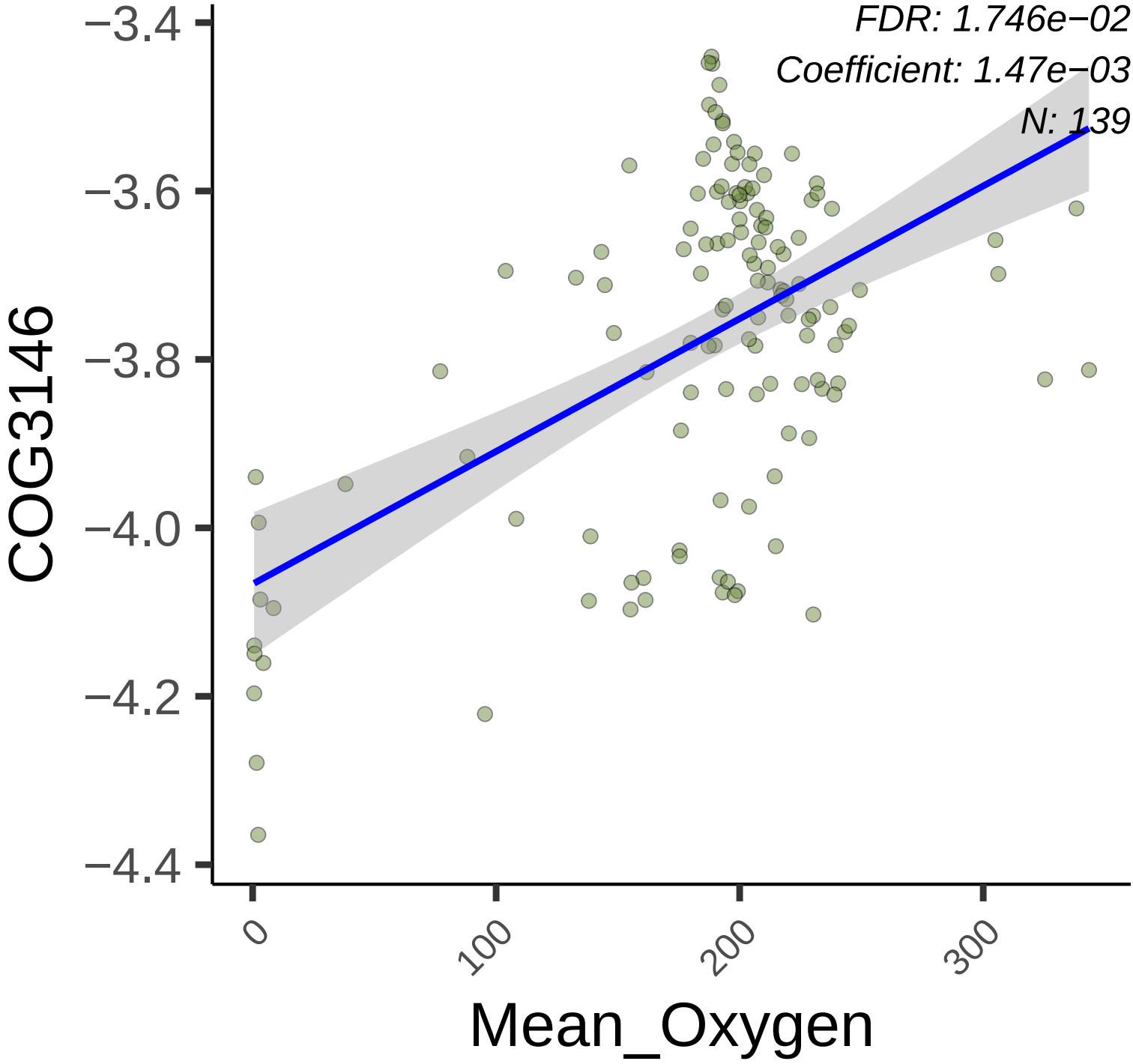
200
300
Mean_Oxygen


FDR: 1.746e−02
Coefficient: 1.47e−03
N: 139
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COG3146
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200
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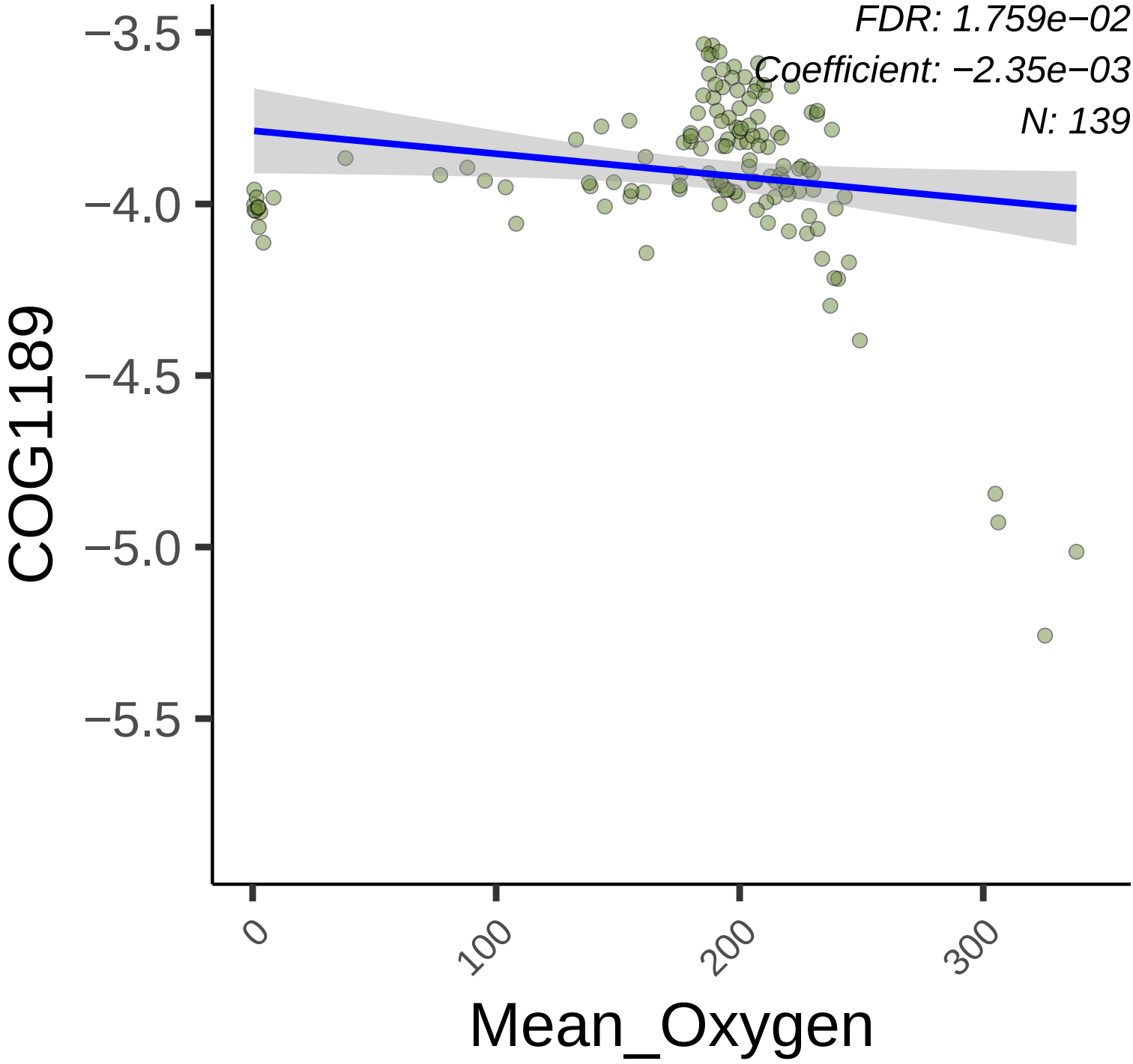
Mean_Oxygen


FDR: 1.759e−02
Coefficient: −2.35e−03
N: 139
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COG1189
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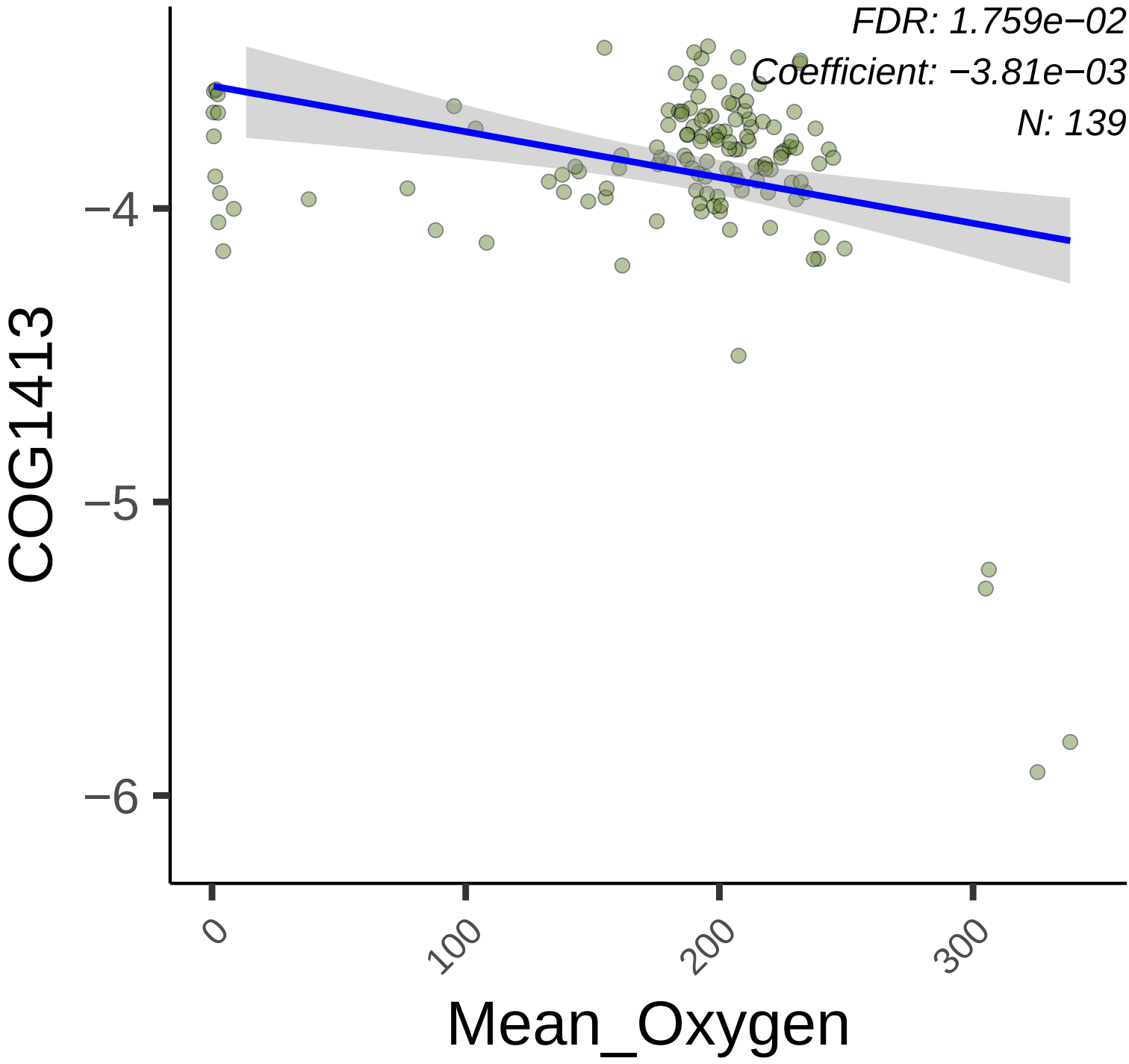
100
200
300
Mean_Oxygen


FDR: 1.759e−02
Coefficient: −3.81e−03
N: 139
COG1413
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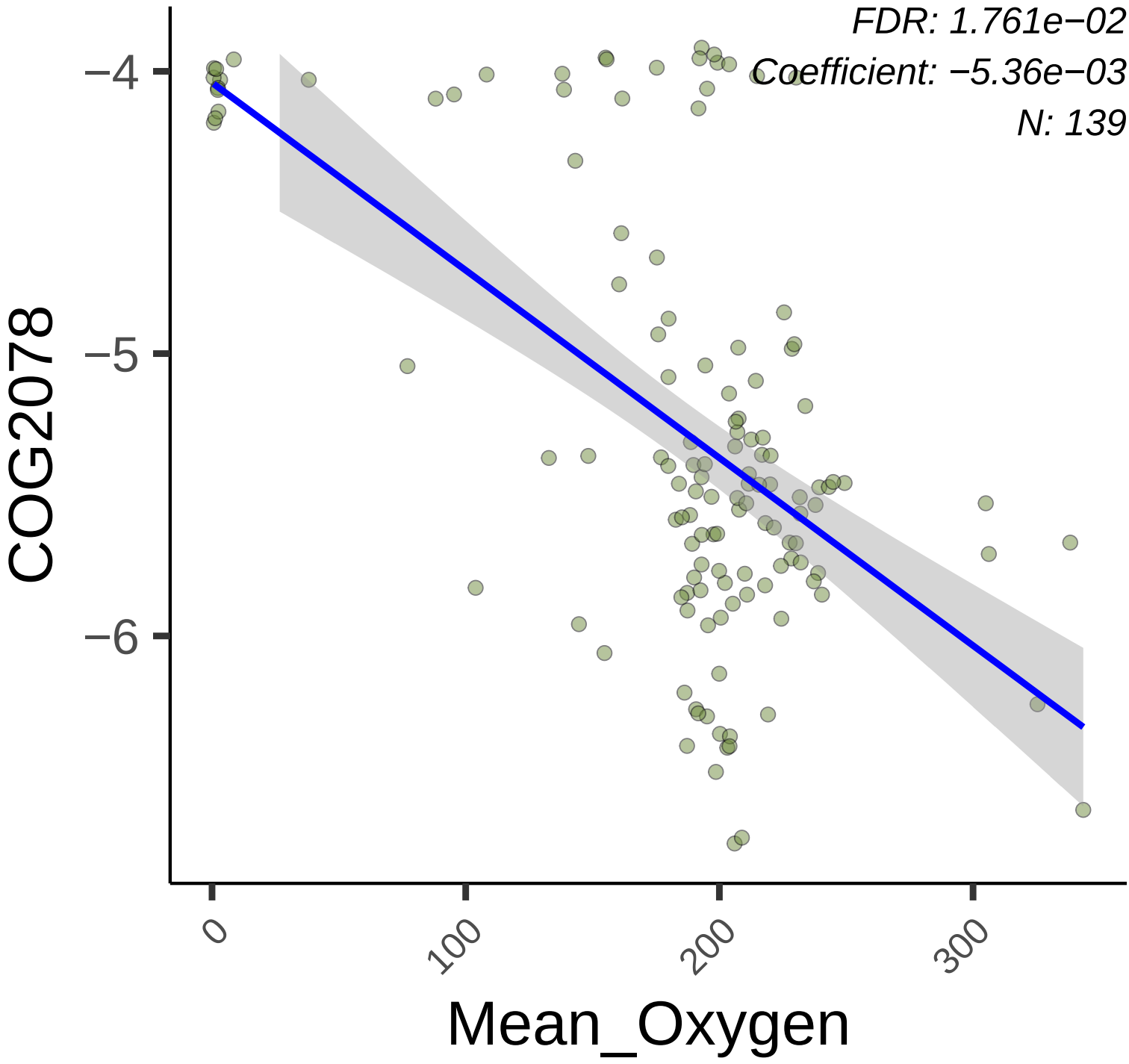
Mean_Oxygen


FDR: 1.761e−02
Coefficient: −5.36e−03
N: 139
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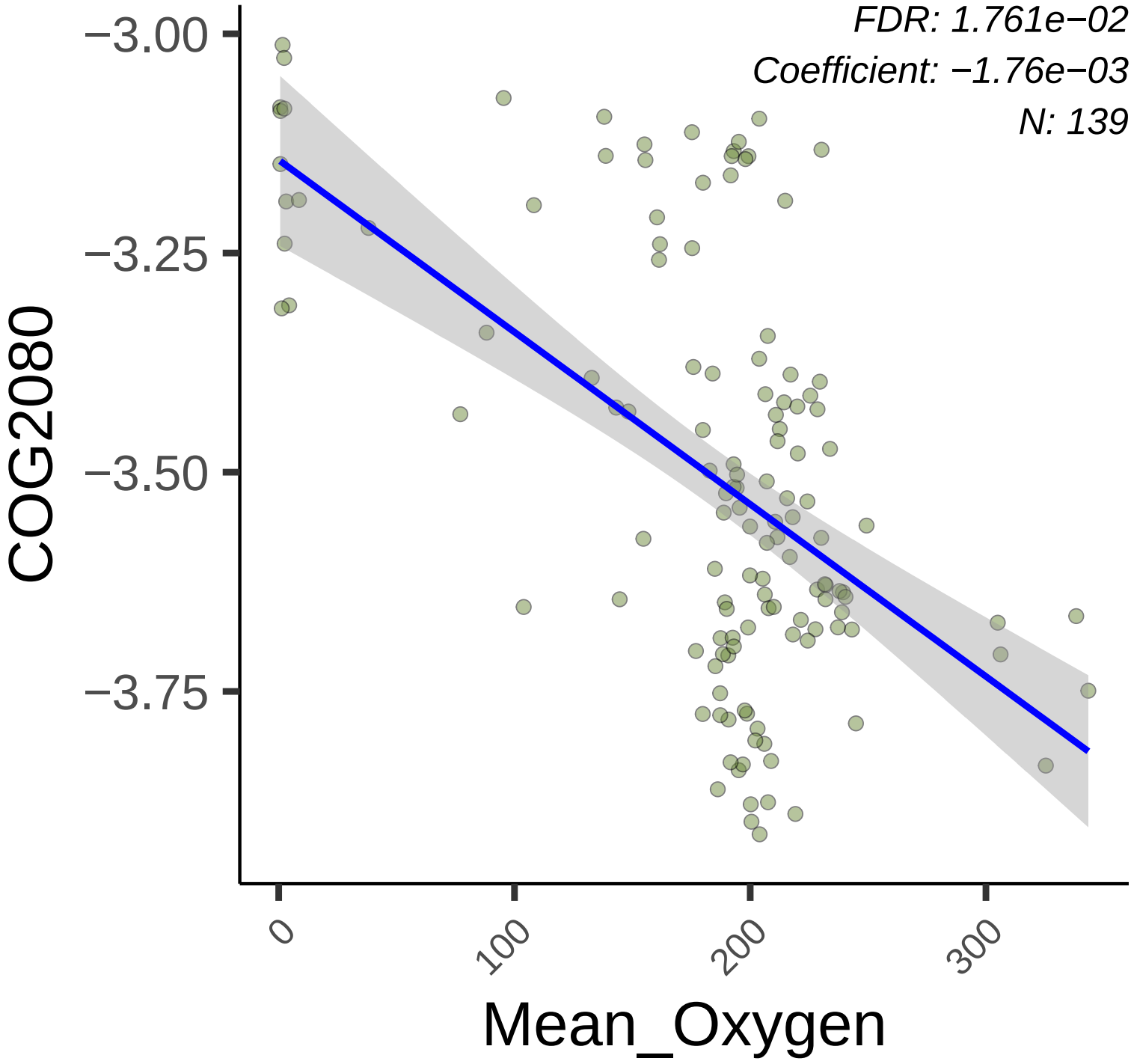
Mean_Oxygen


FDR: 1.761e−02
Coefficient: −1.76e−03
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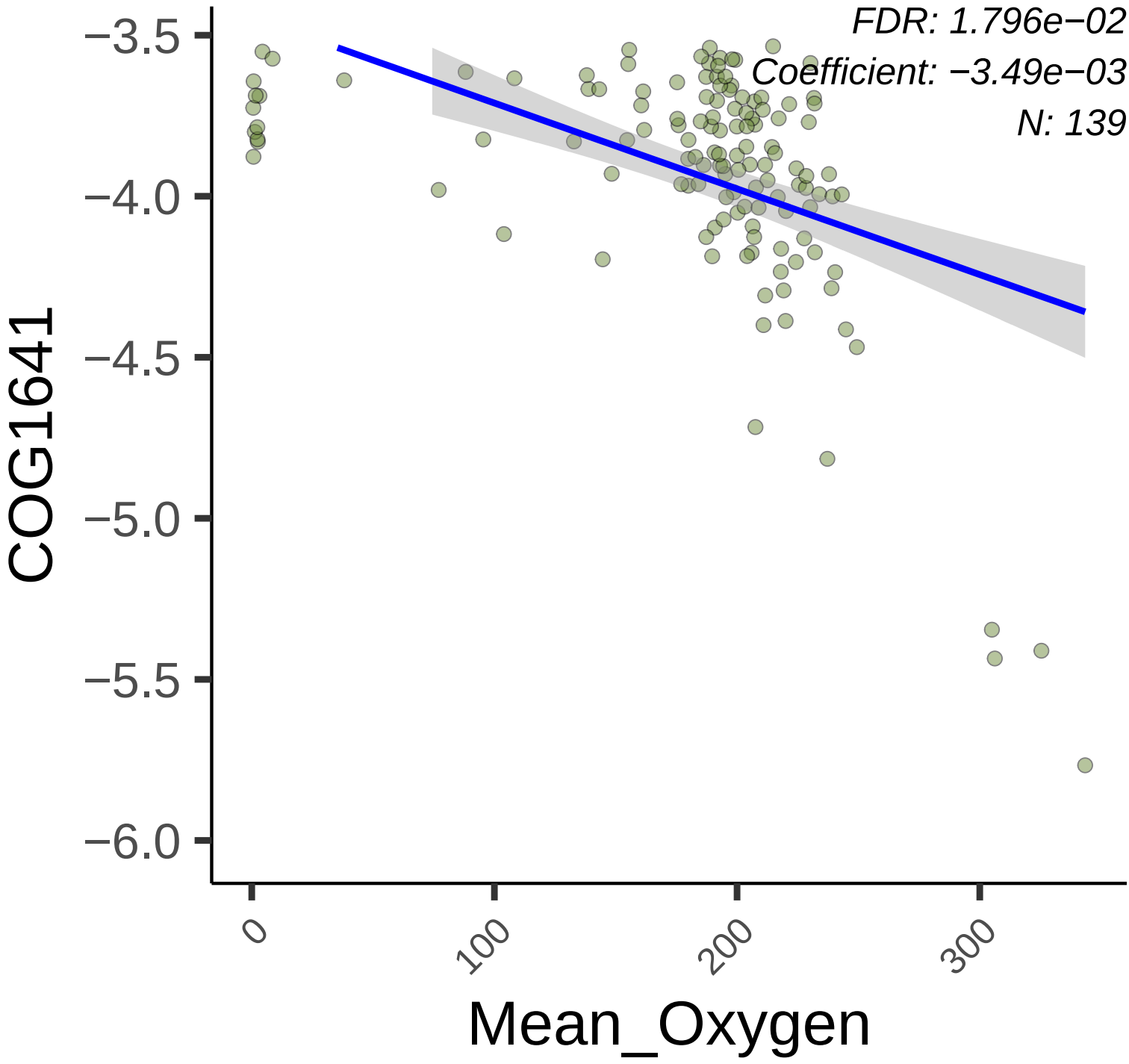
Mean_Oxygen


FDR: 1.796e−02
Coefficient: −3.49e−03
N: 139
−3.5
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COG1641
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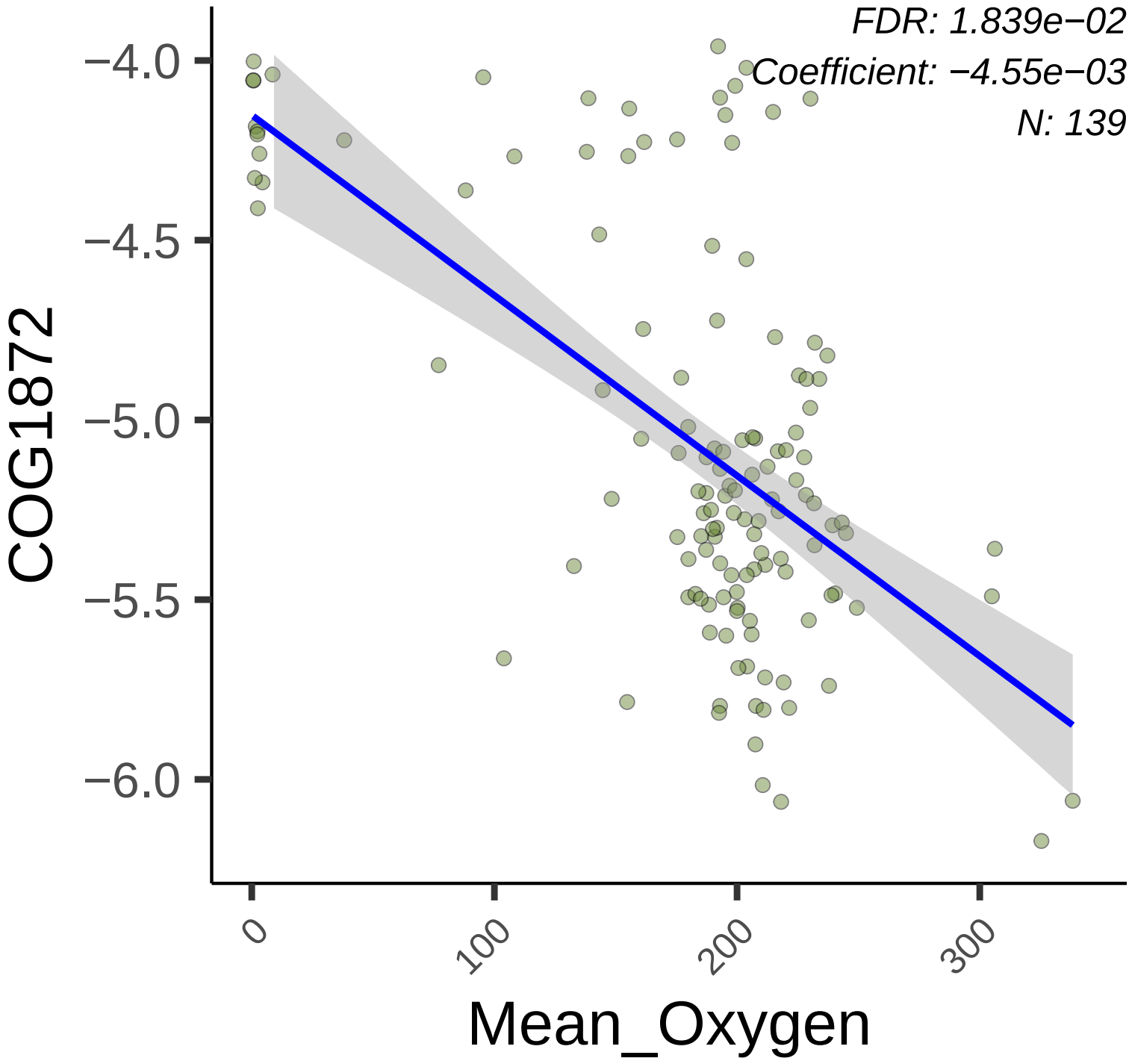
Mean_Oxygen


FDR: 1.839e−02
Coefficient: −4.55e−03
N: 139
−4.0
−4.5
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−5.5
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COG1872
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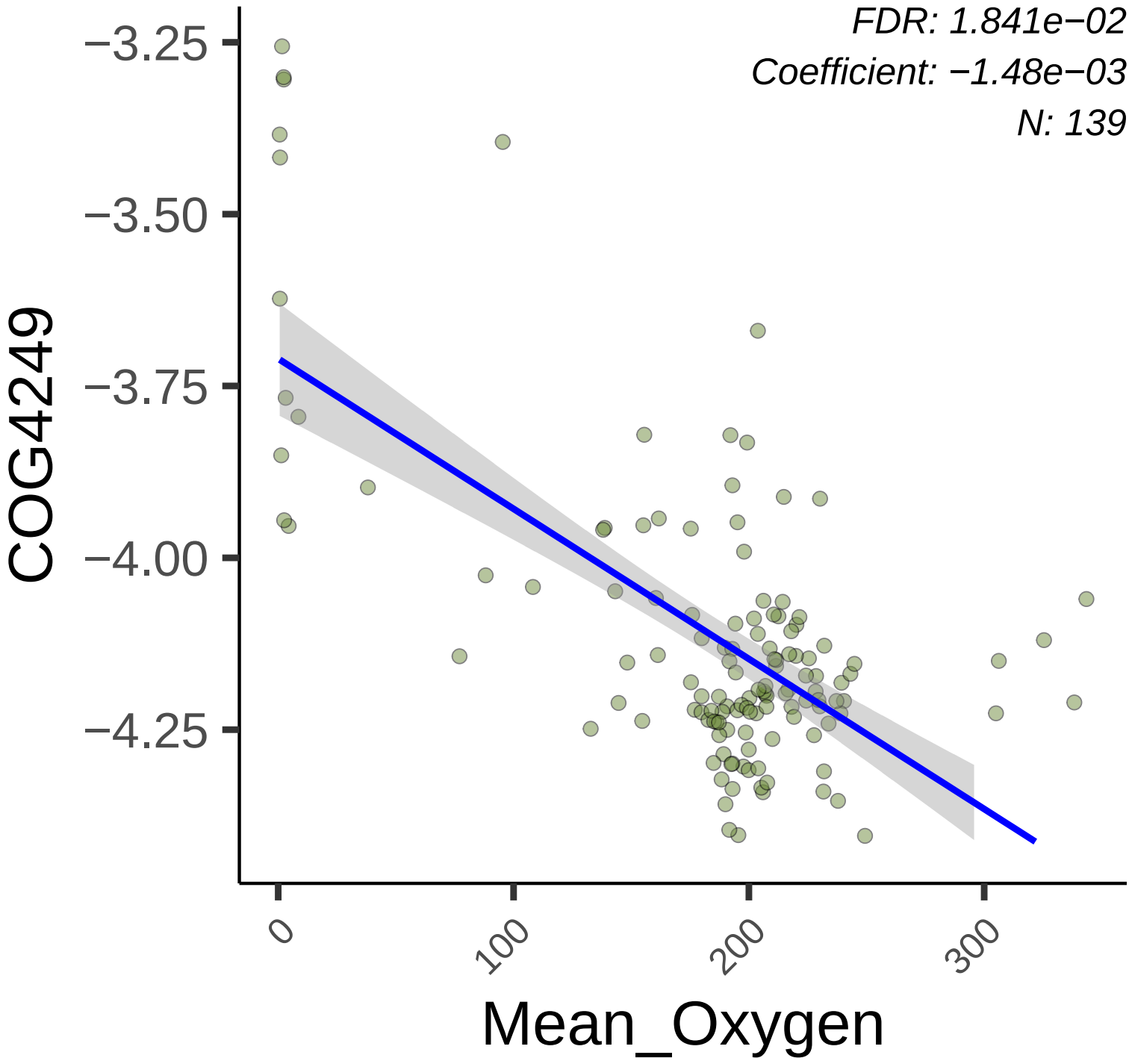
300
Mean_Oxygen


FDR: 1.841e−02
Coefficient: −1.48e−03
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COG4249
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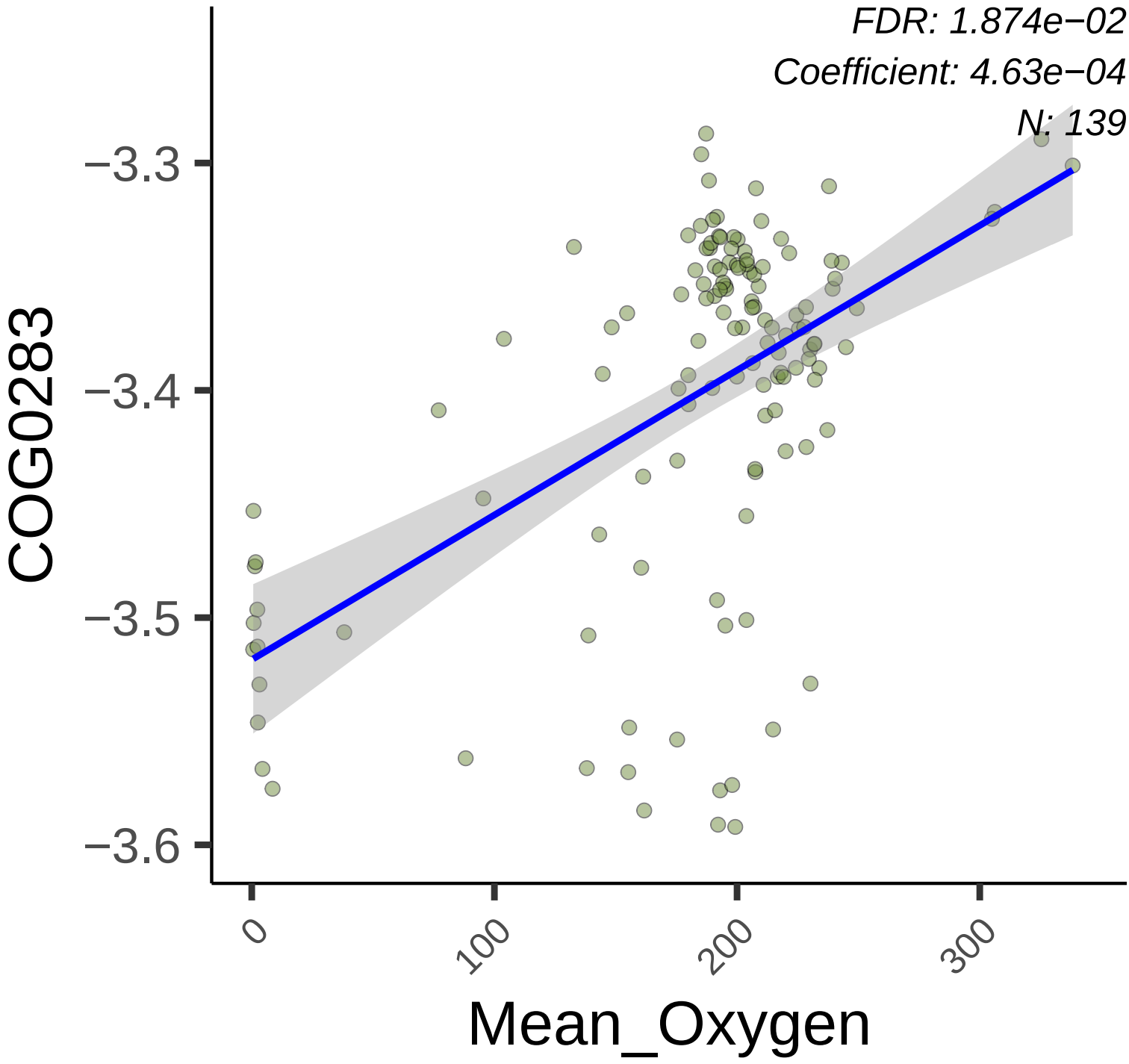
Mean_Oxygen


FDR: 1.874e−02
Coefficient: 4.63e−04
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COG0283
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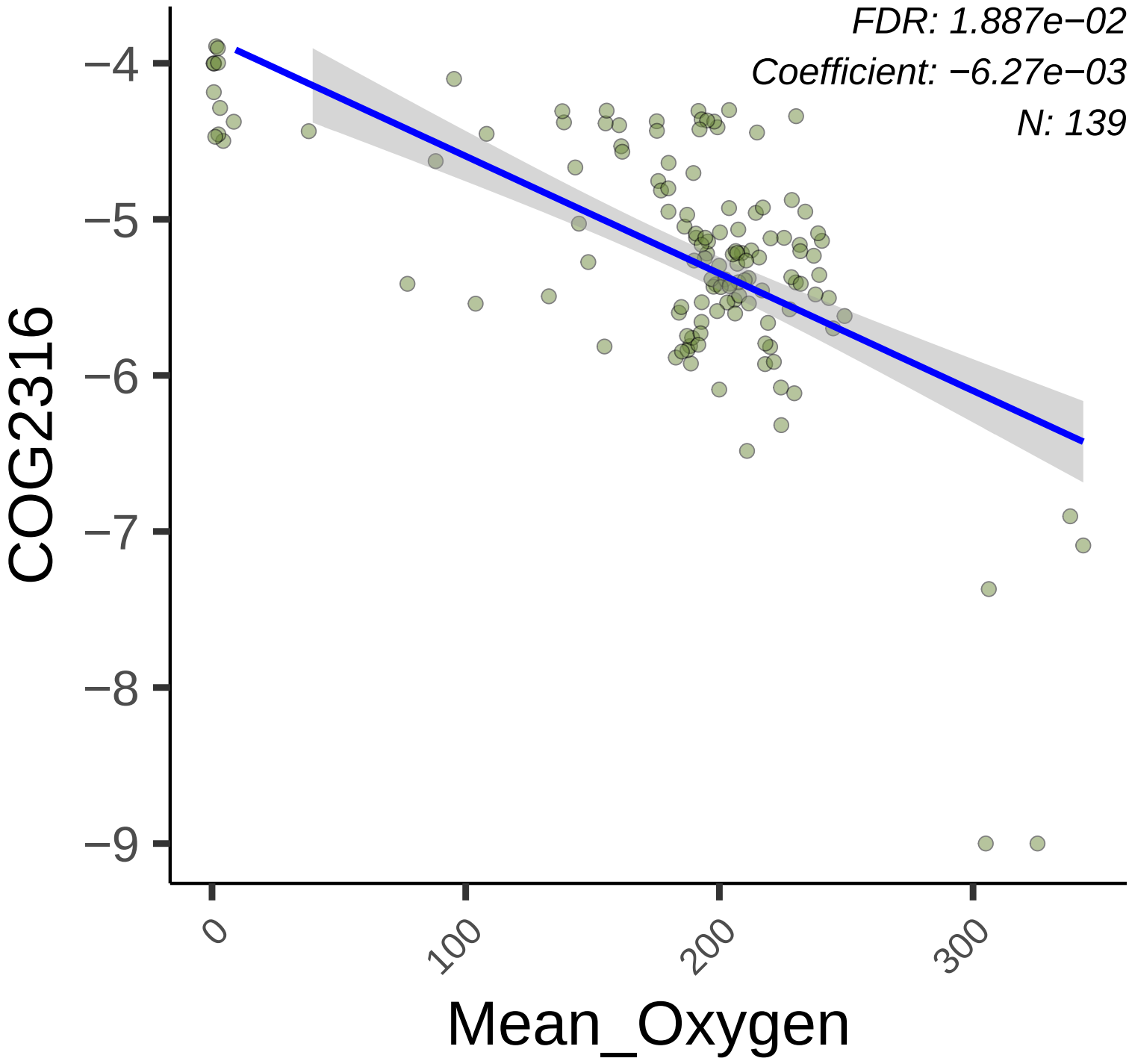
300
Mean_Oxygen


FDR: 1.887e−02
Coefficient: −6.27e−03
N: 139
COG2316
−4
−5
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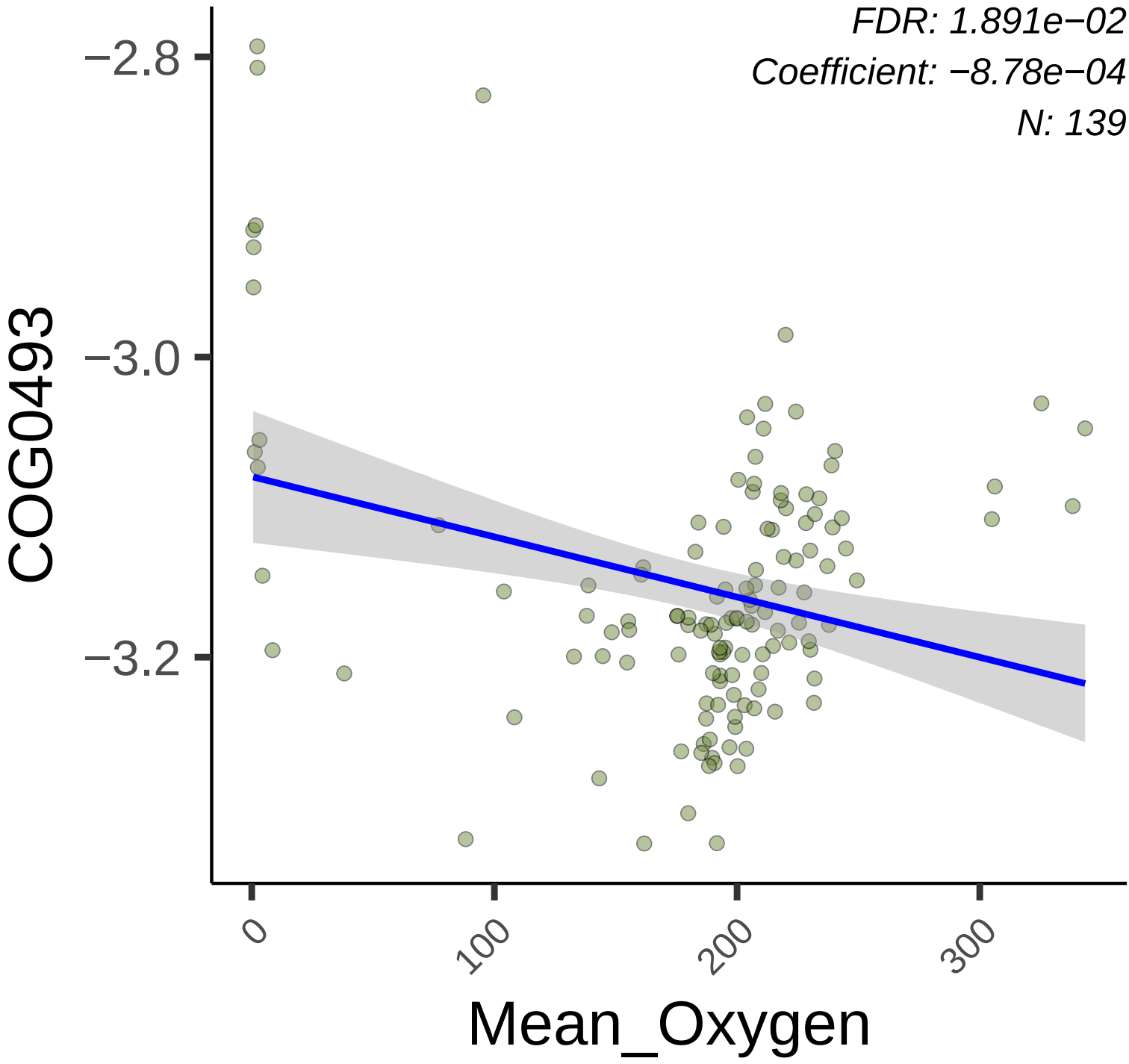
−7
−8
−9
0
100
200
300
Mean_Oxygen


FDR: 1.891e−02
Coefficient: −8.78e−04
N: 139
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COG0493
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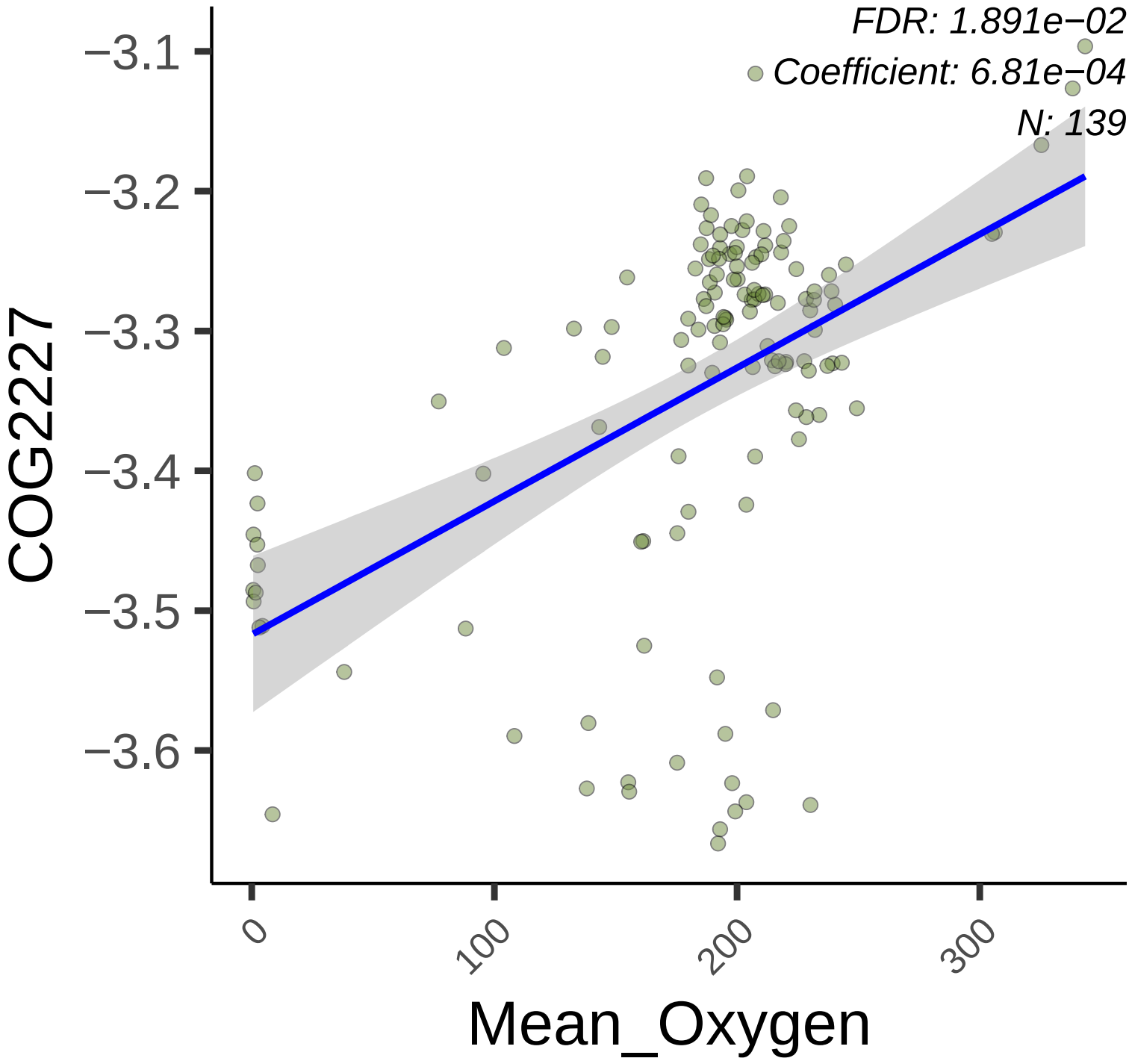
300
Mean_Oxygen


FDR: 1.891e−02
Coefficient: 6.81e−04
N: 139
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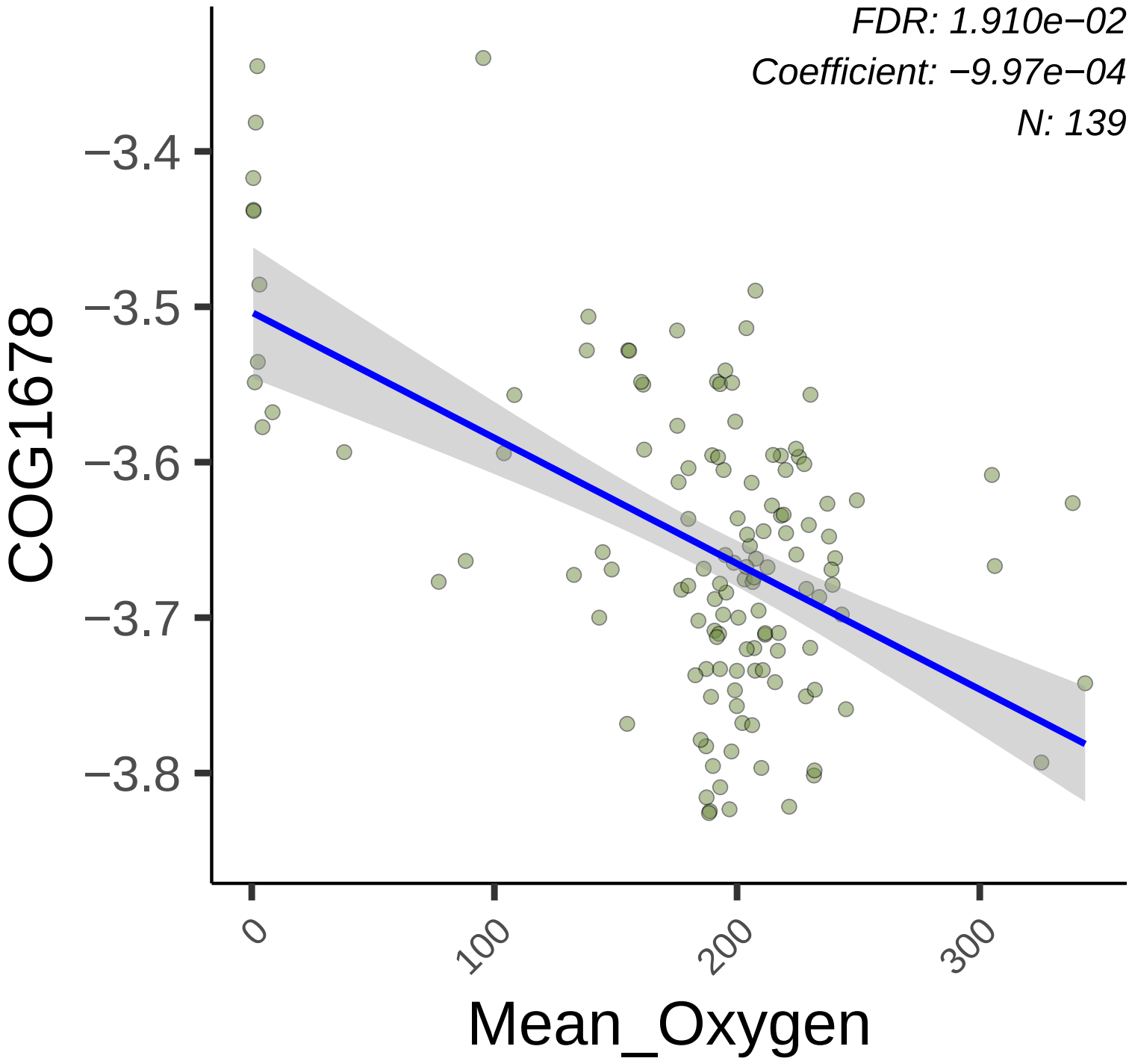
−3.6
COG2227
0
100
200
300
Mean_Oxygen


FDR: 1.910e−02
Coefficient: −9.97e−04
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COG1678
−3.4
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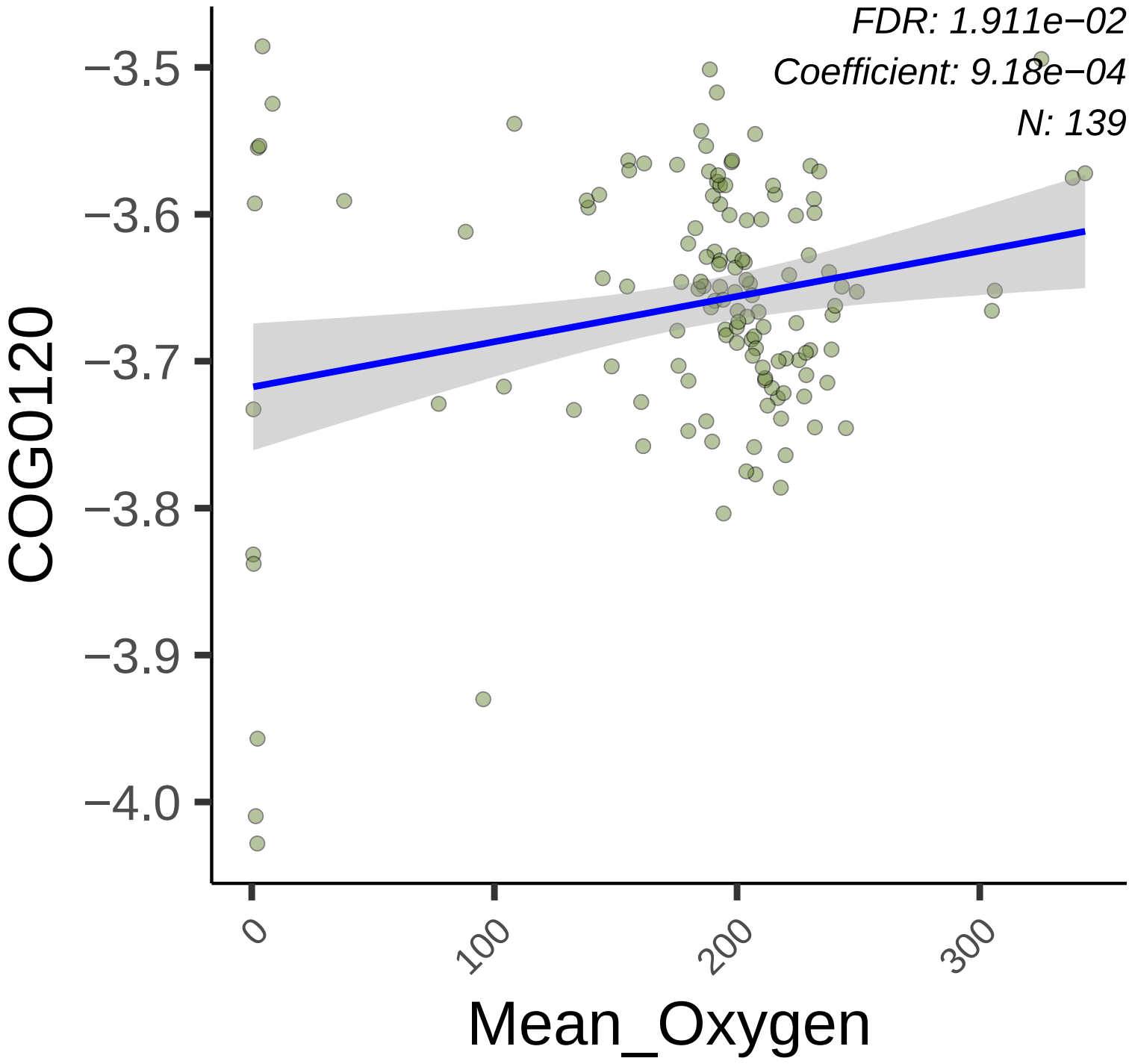
−3.8
0
100
200
300
Mean_Oxygen


FDR: 1.911e−02
Coefficient: 9.18e−04
N: 139
−3.5
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COG0120
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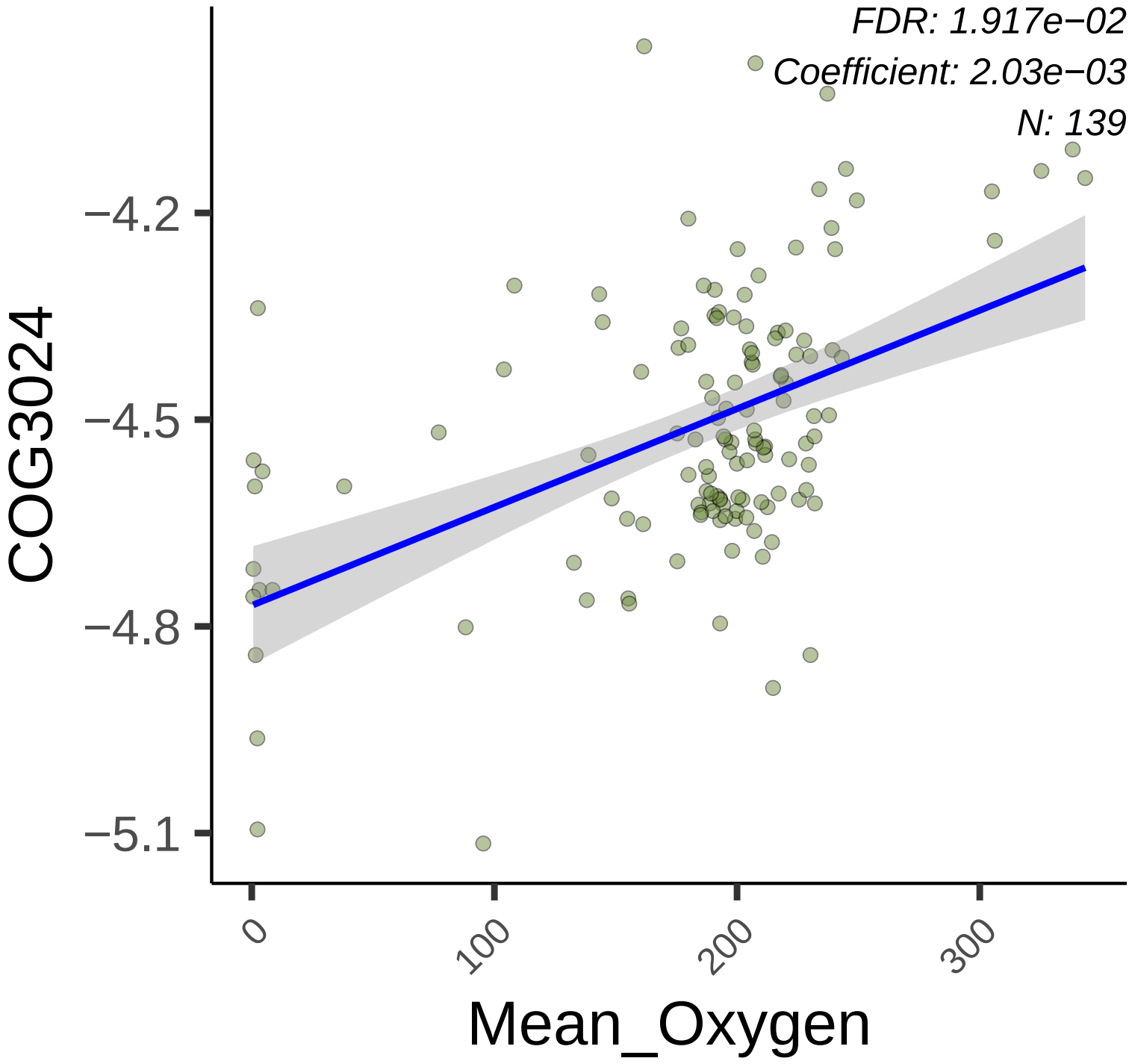
100
200
300
Mean_Oxygen


FDR: 1.917e−02
Coefficient: 2.03e−03
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COG3024
−4.2
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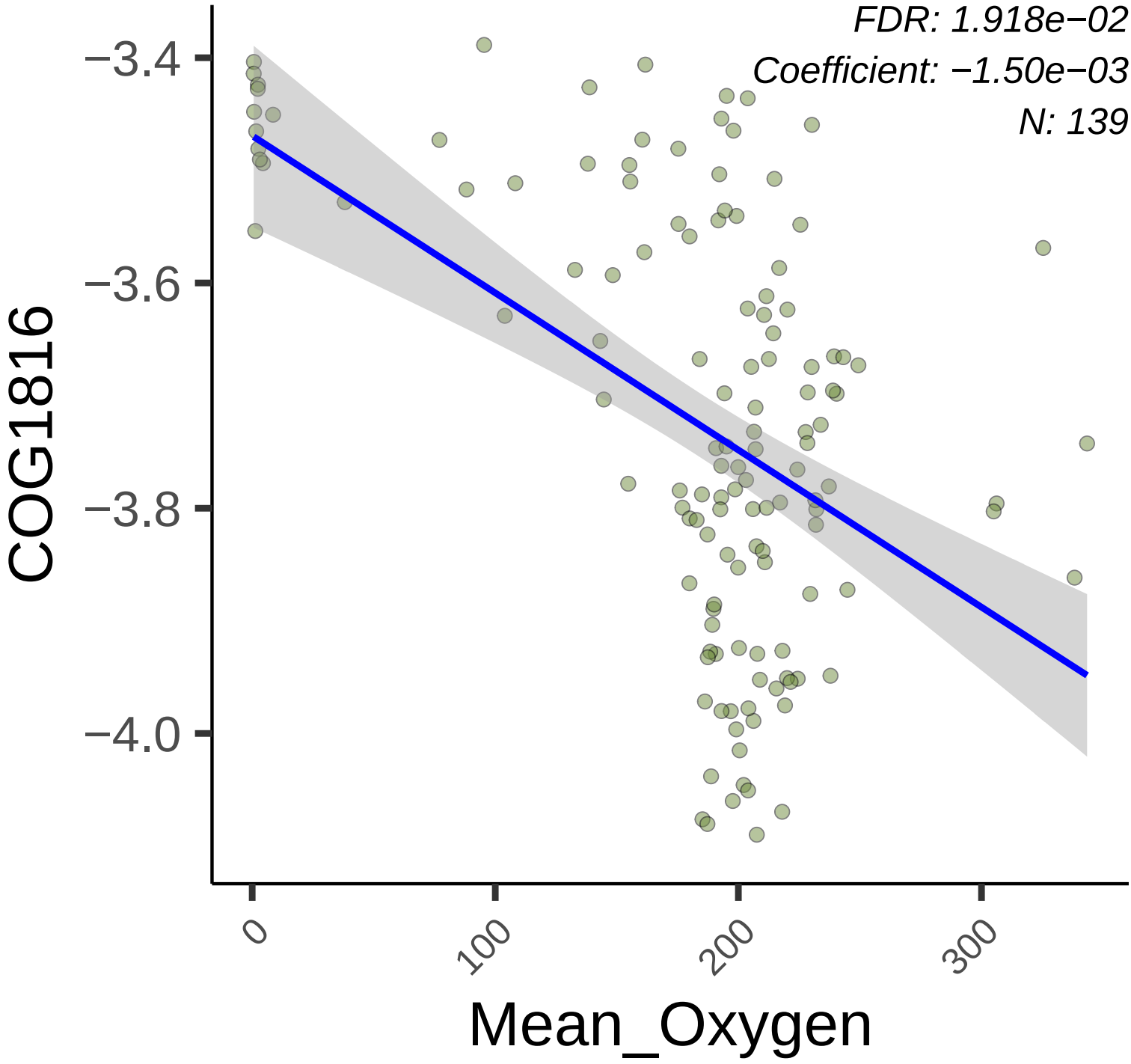
100
200
300
Mean_Oxygen


FDR: 1.918e−02
Coefficient: −1.50e−03
N: 139
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COG1816
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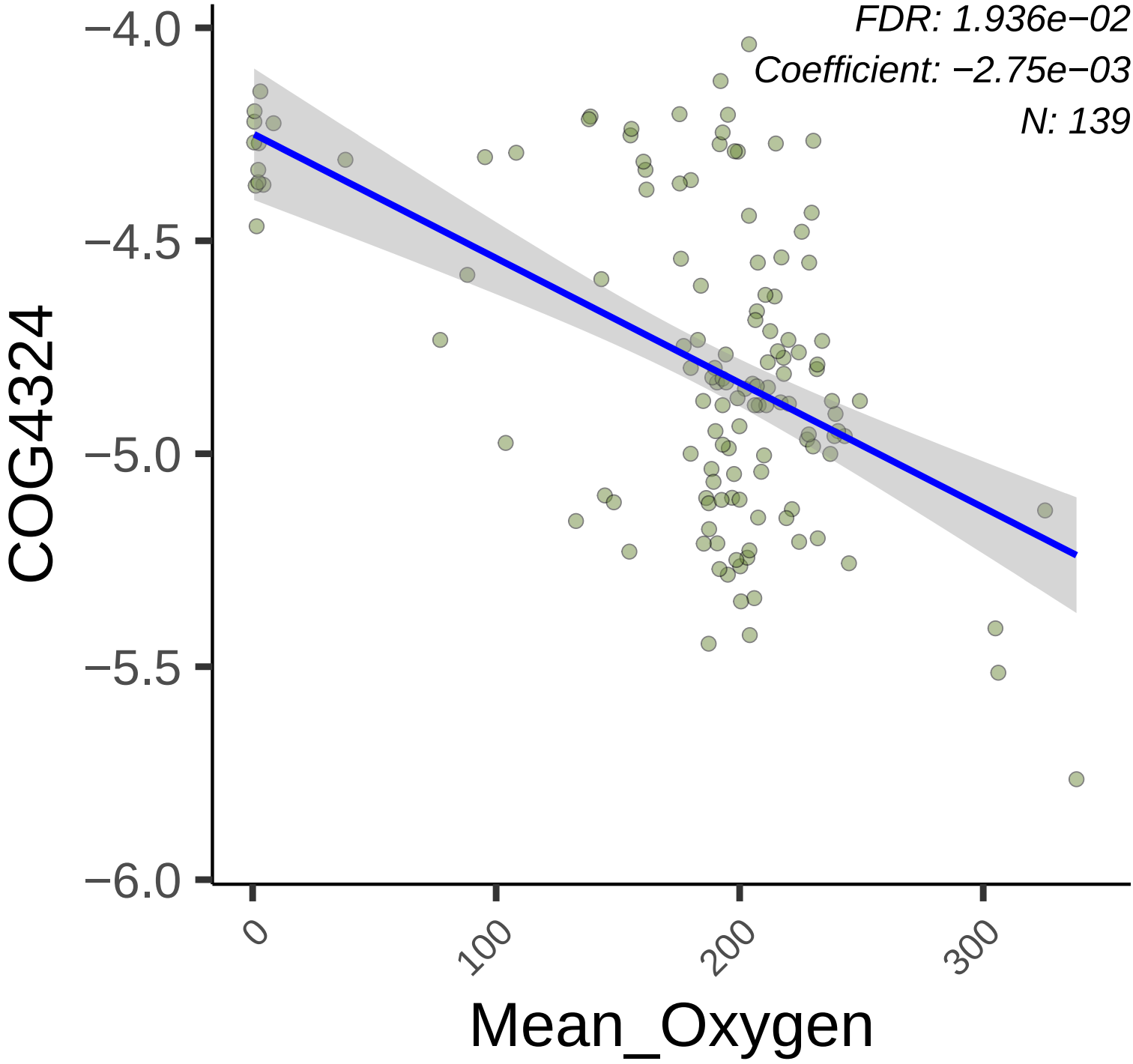
100
200
300
Mean_Oxygen


FDR: 1.936e−02
Coefficient: −2.75e−03
N: 139
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COG4324
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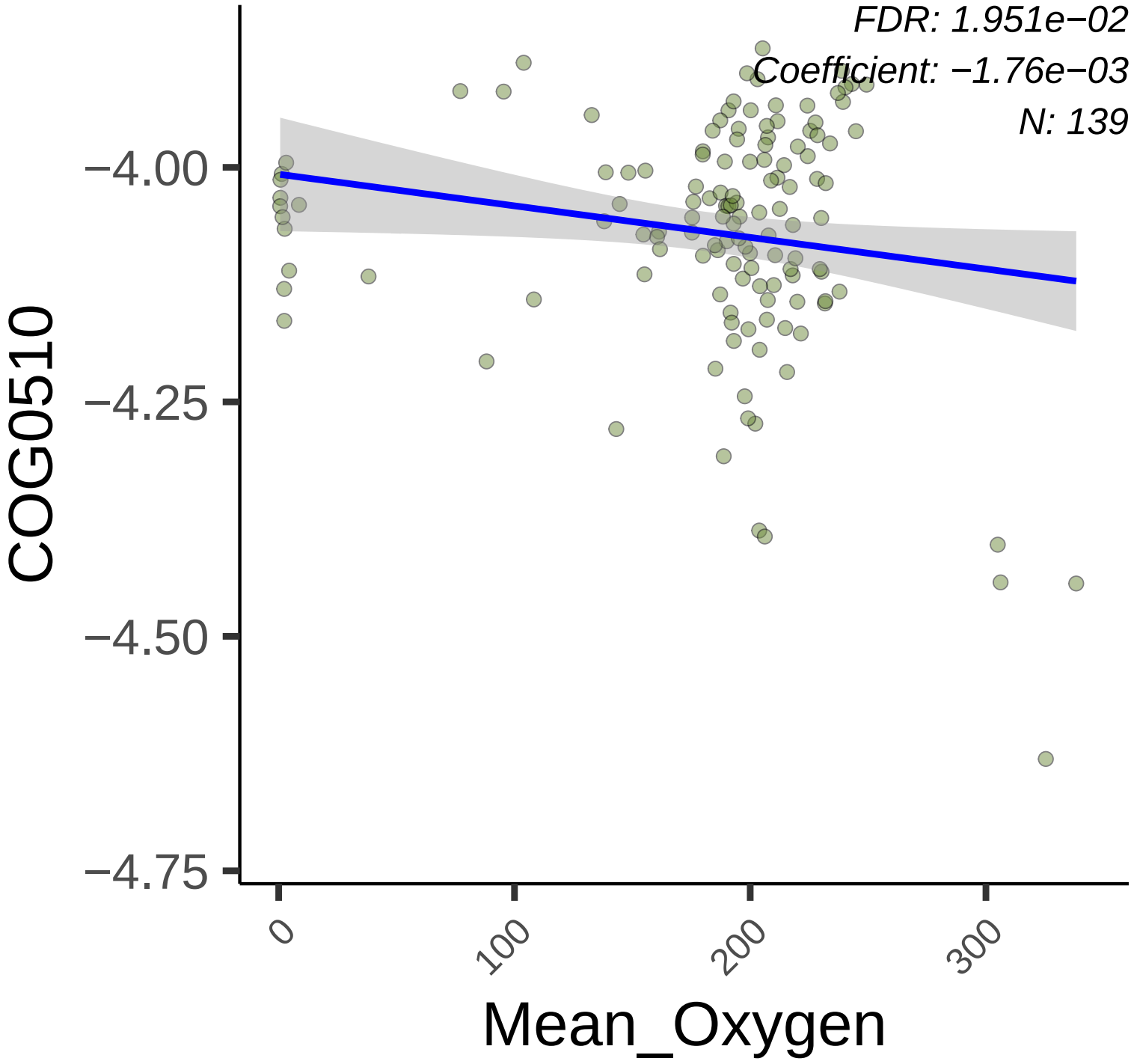
100
200
300
Mean_Oxygen


FDR: 1.951e−02
Coefficient: −1.76e−03
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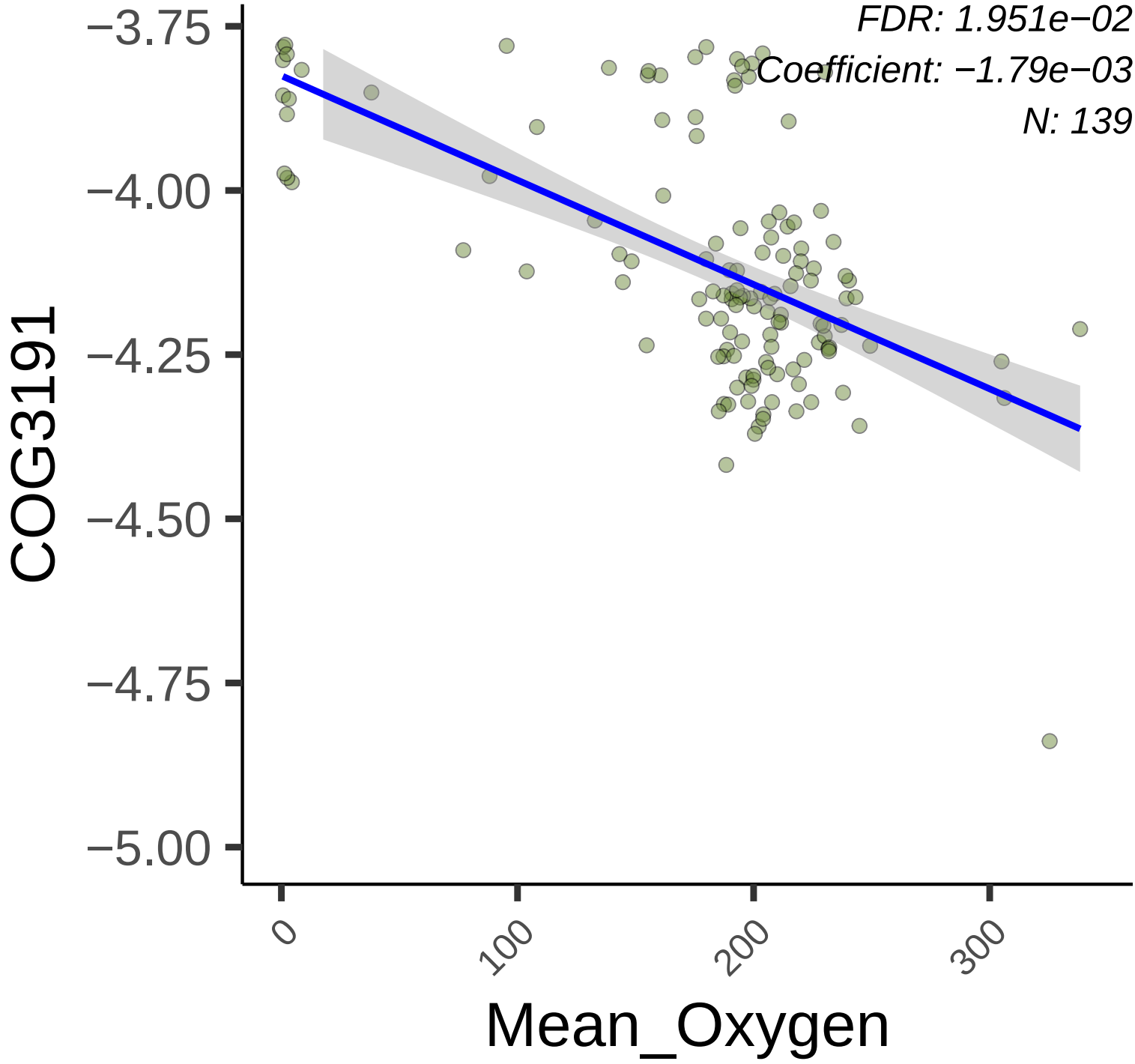
200
300
Mean_Oxygen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Coefficient: −1.79e−03
N: 139
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COG3191
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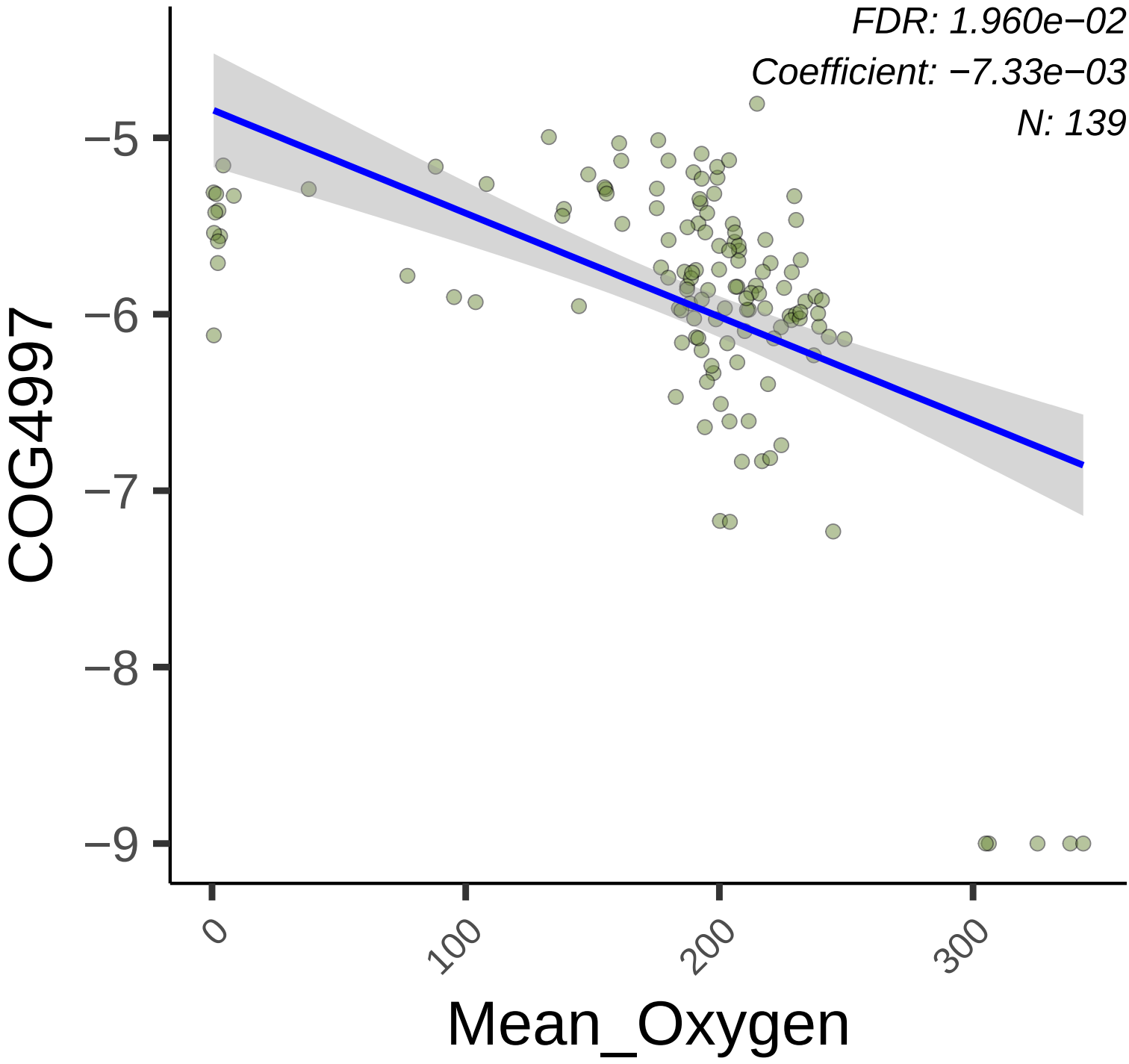
200
300
Mean_Oxygen


FDR: 1.960e−02
Coefficient: −7.33e−03
N: 139
COG4997
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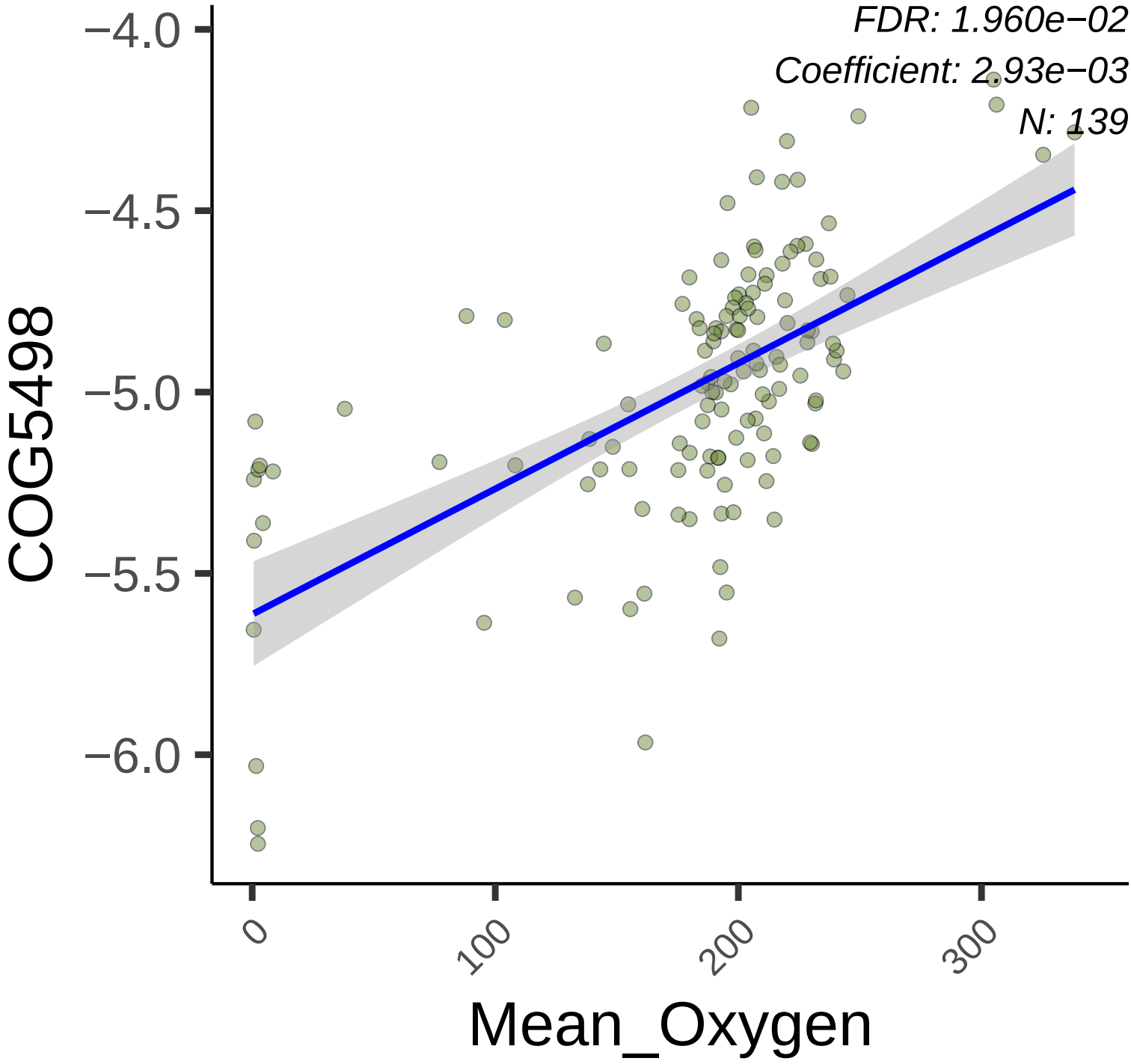
200
300
Mean_Oxygen


FDR: 1.960e−02
Coefficient: 2.93e−03
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−6.0
COG5498
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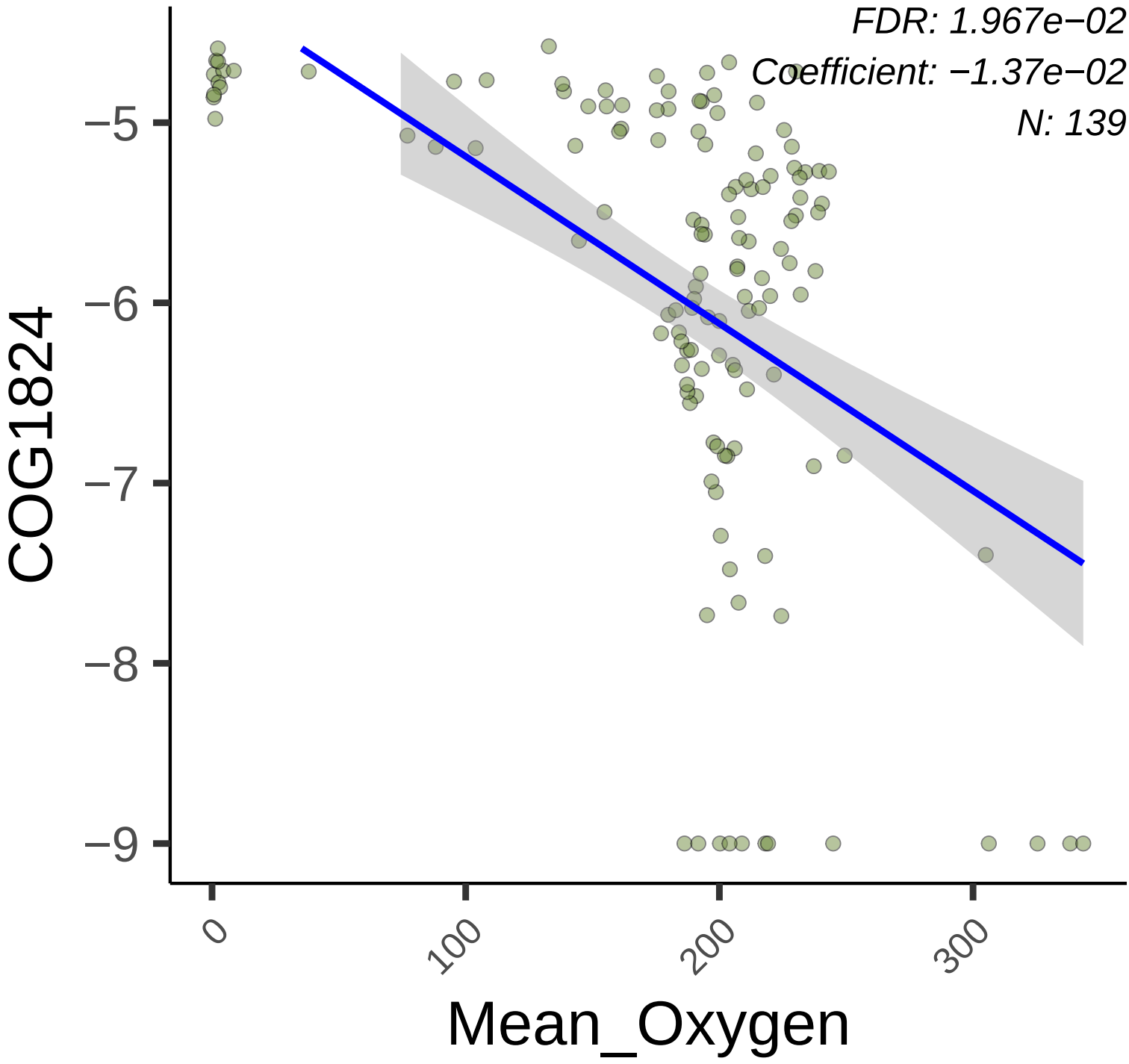
200
300
Mean_Oxygen


FDR: 1.967e−02
Coefficient: −1.37e−02
N: 139
COG1824
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−6
−7
−8
−9
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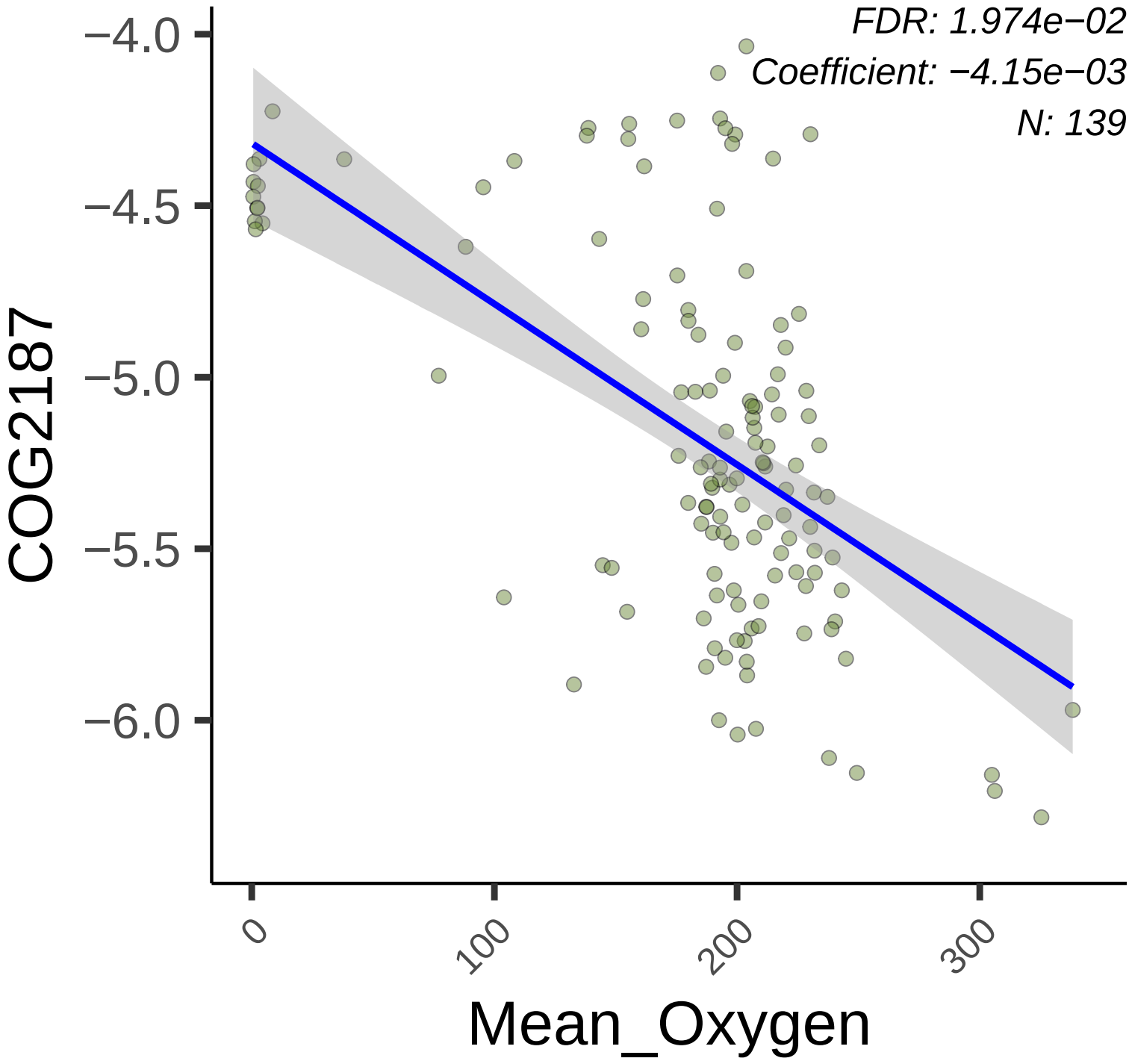
200
300
Mean_Oxygen


FDR: 1.974e−02
Coefficient: −4.15e−03
N: 139
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−5.5
−6.0
COG2187
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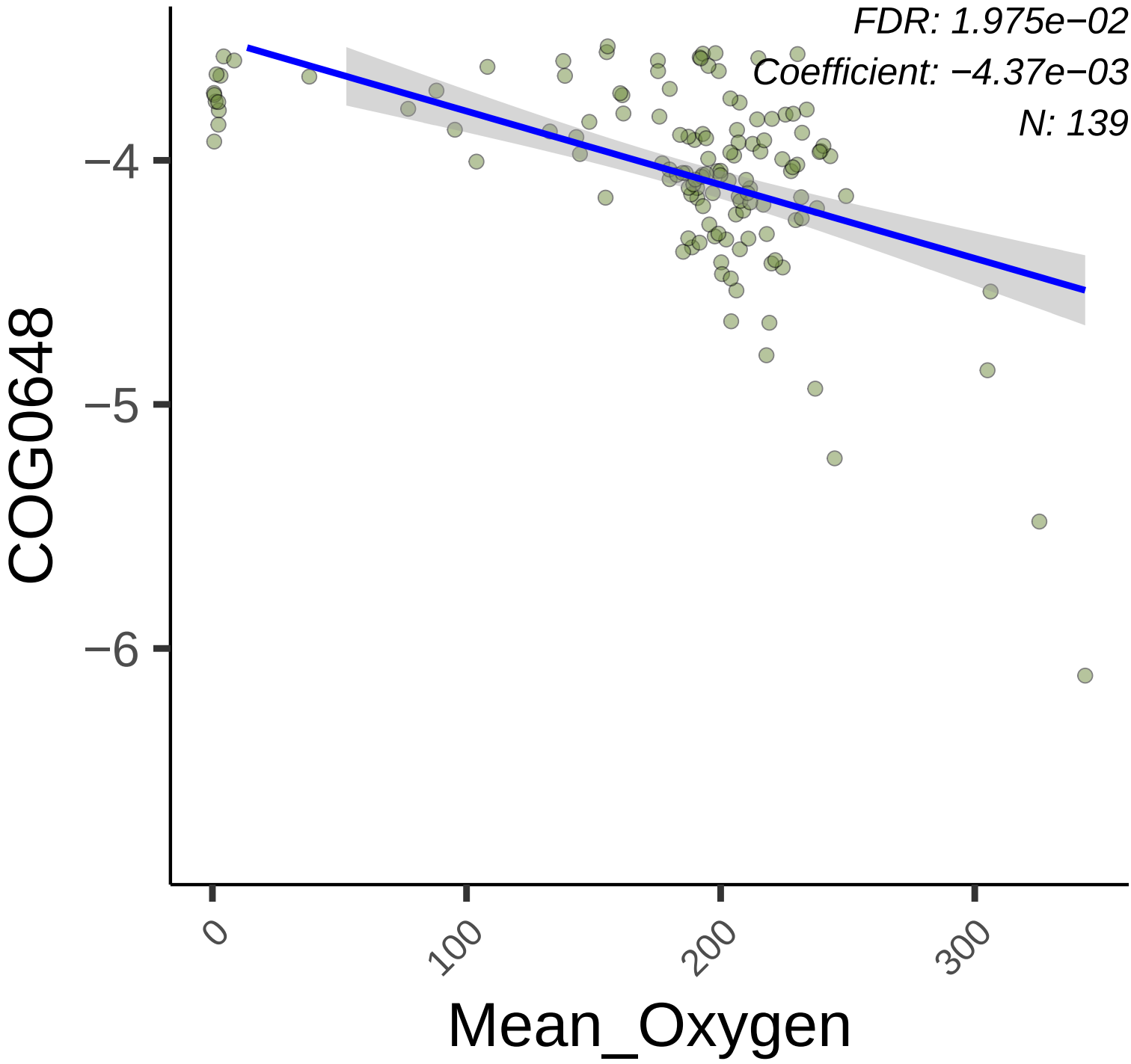
100
200
300
Mean_Oxygen


FDR: 1.975e−02
Coefficient: −4.37e−03
N: 139
COG0648
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−6
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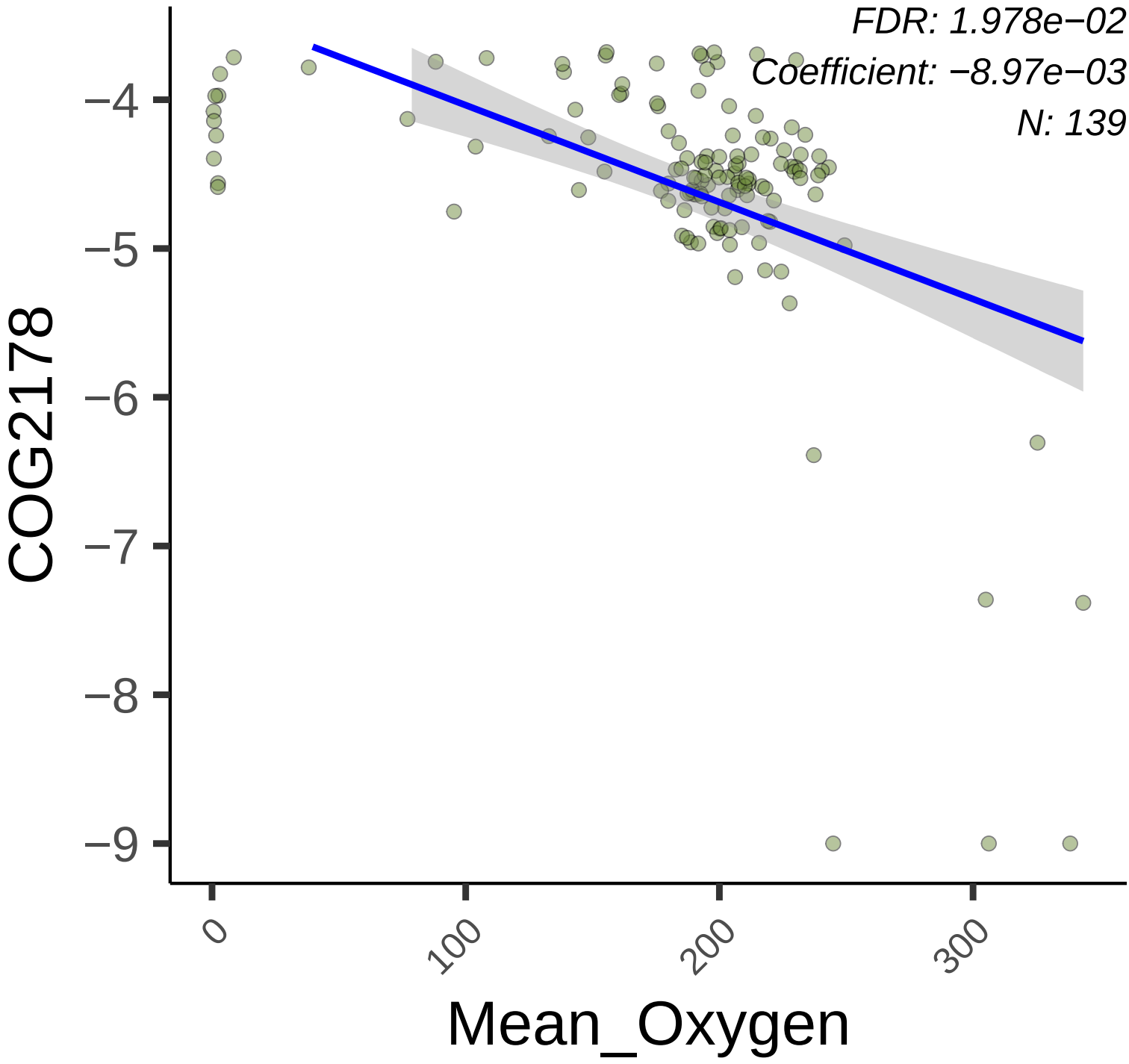
Mean_Oxygen


FDR: 1.978e−02
Coefficient: −8.97e−03
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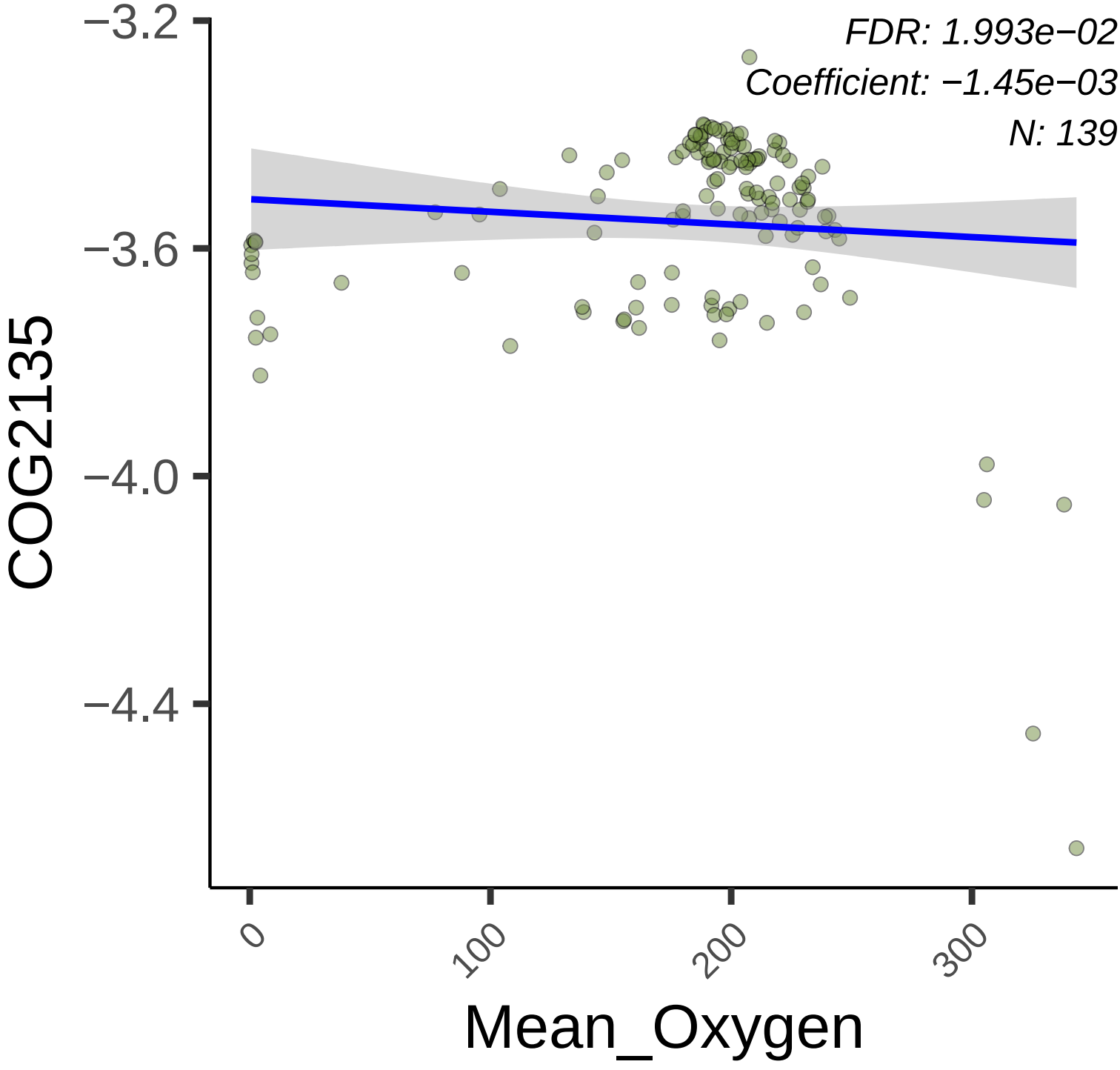
300
Mean_Oxygen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Coefficient: −1.45e−03
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COG2135
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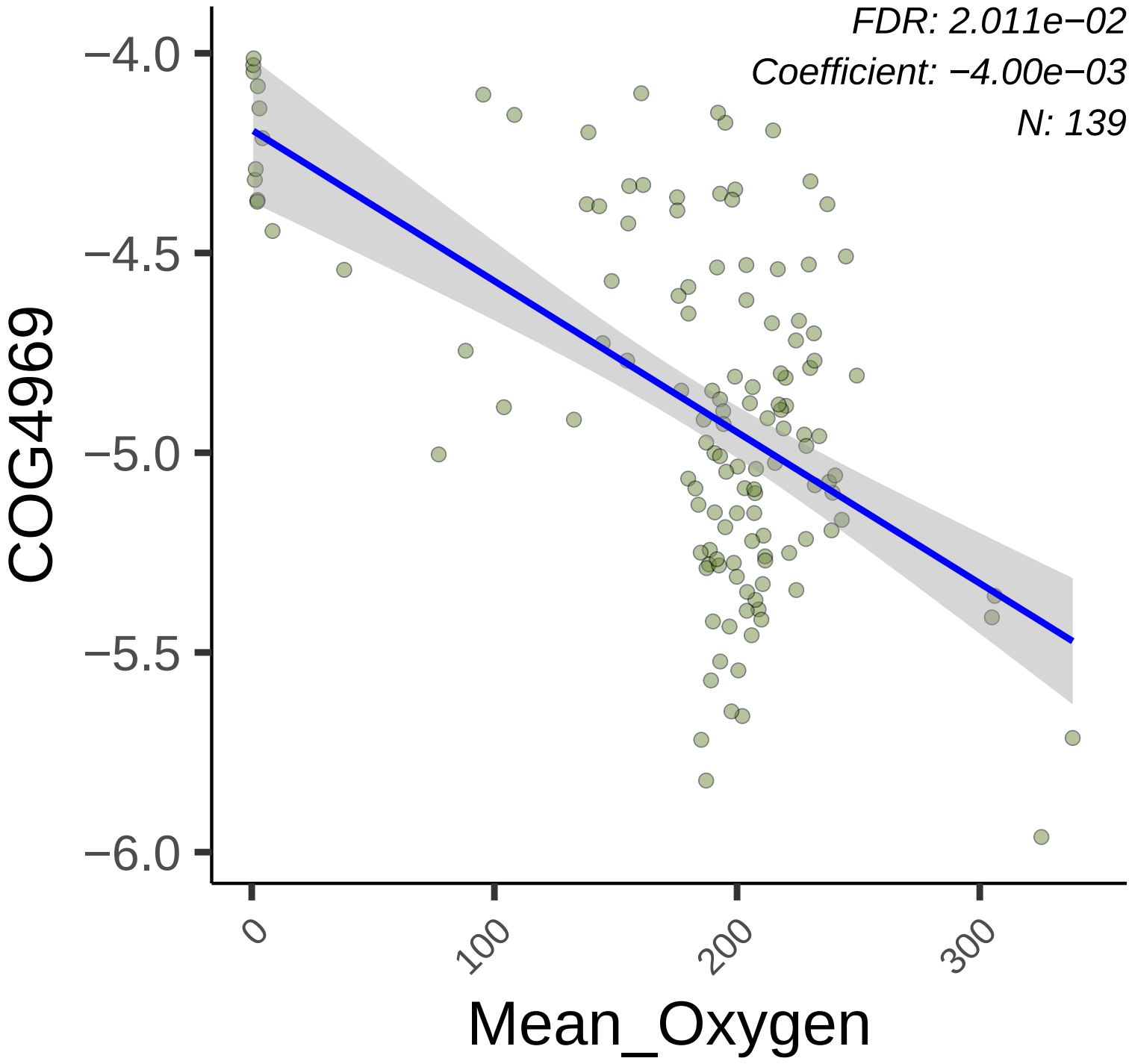
200
300
Mean_Oxygen


FDR: 2.011e−02
Coefficient: −4.00e−03
N: 139
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COG4969
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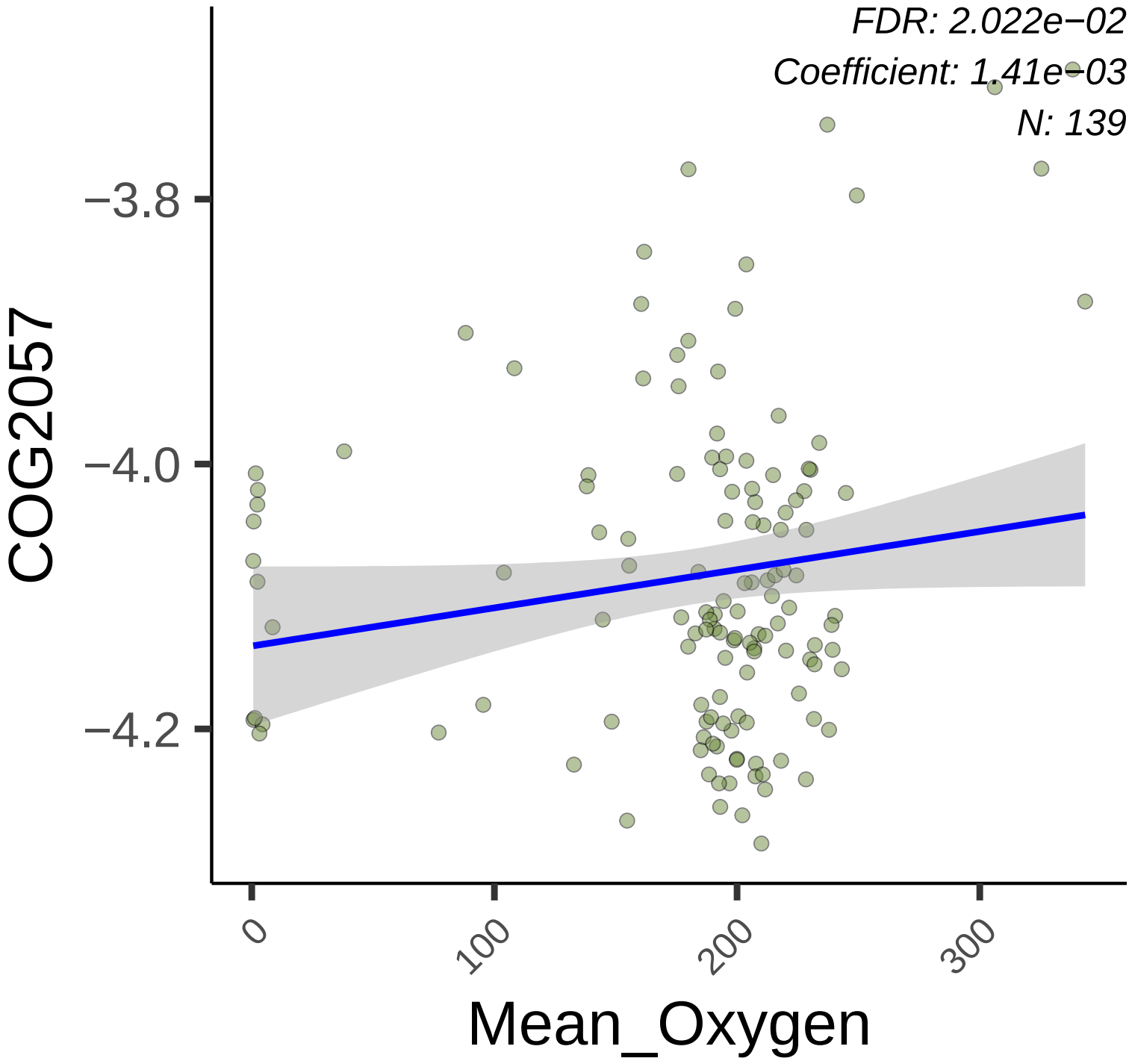
200
300
Mean_Oxygen


FDR: 2.022e−02
Coefficient: 1.41e−03
N: 139
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COG2057
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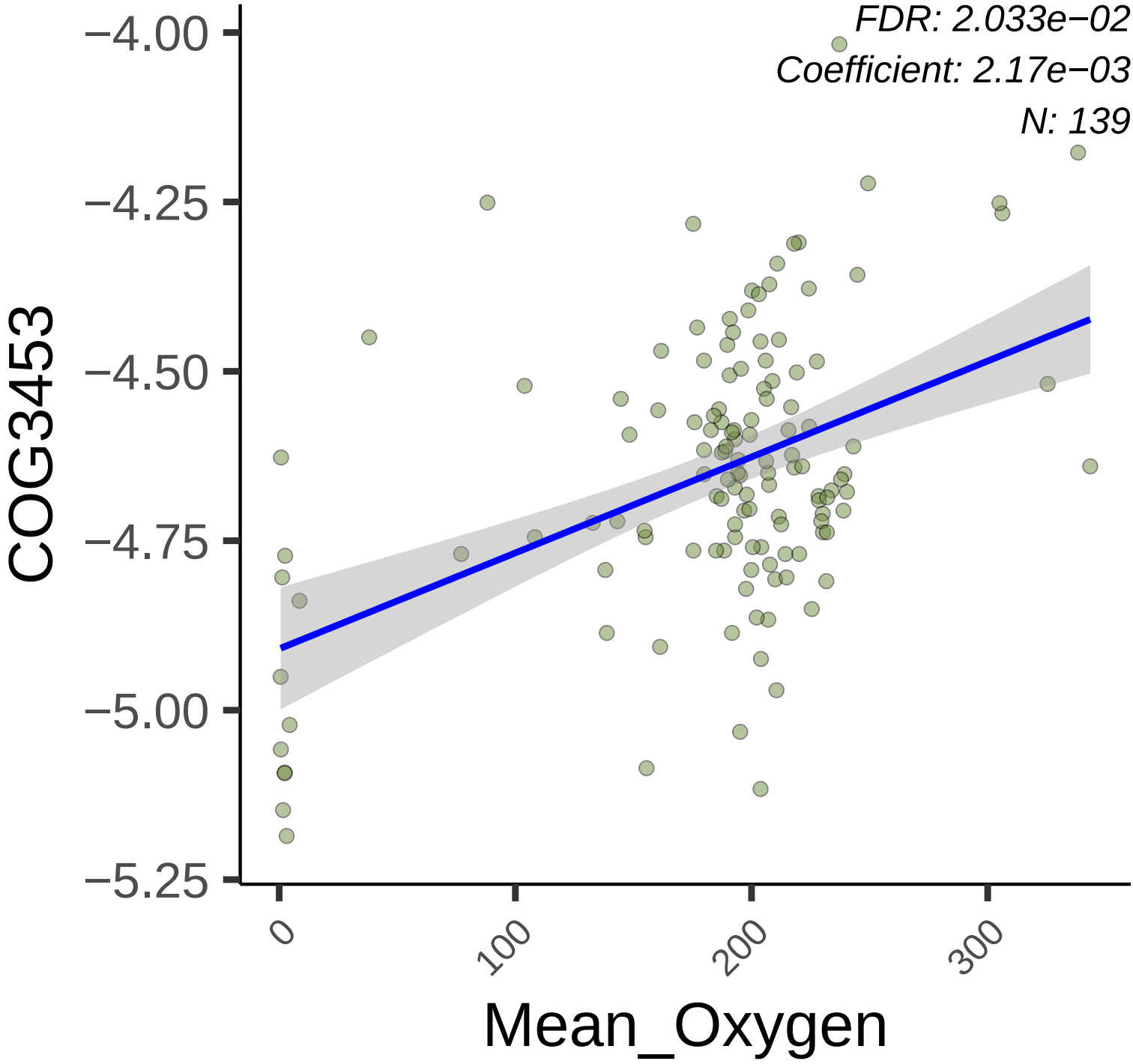
300
Mean_Oxygen


FDR: 2.033e−02
Coefficient: 2.17e−03
N: 139
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COG3453
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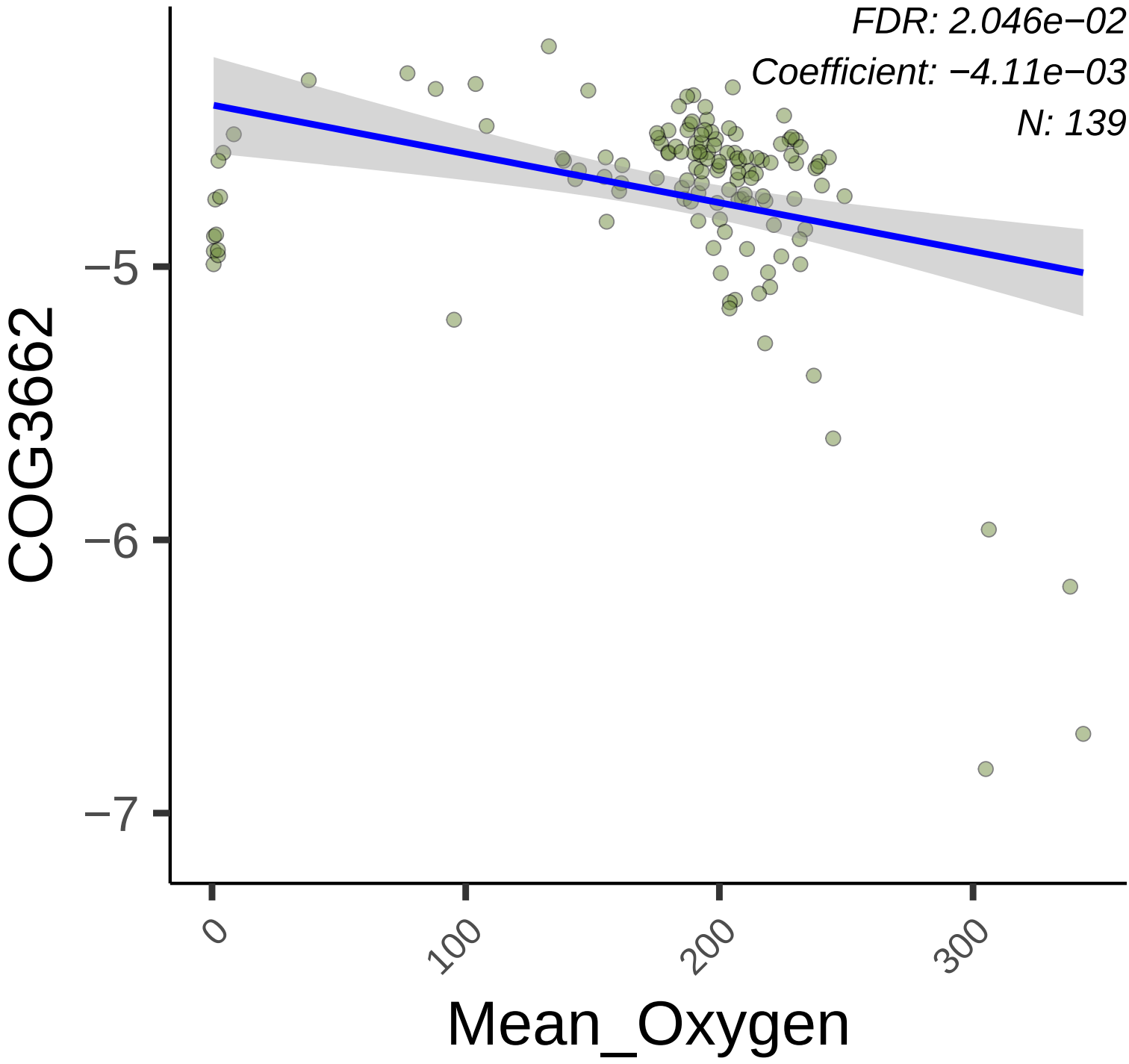
200
300
Mean_Oxygen


FDR: 2.046e−02
Coefficient: −4.11e−03
N: 139
COG3662
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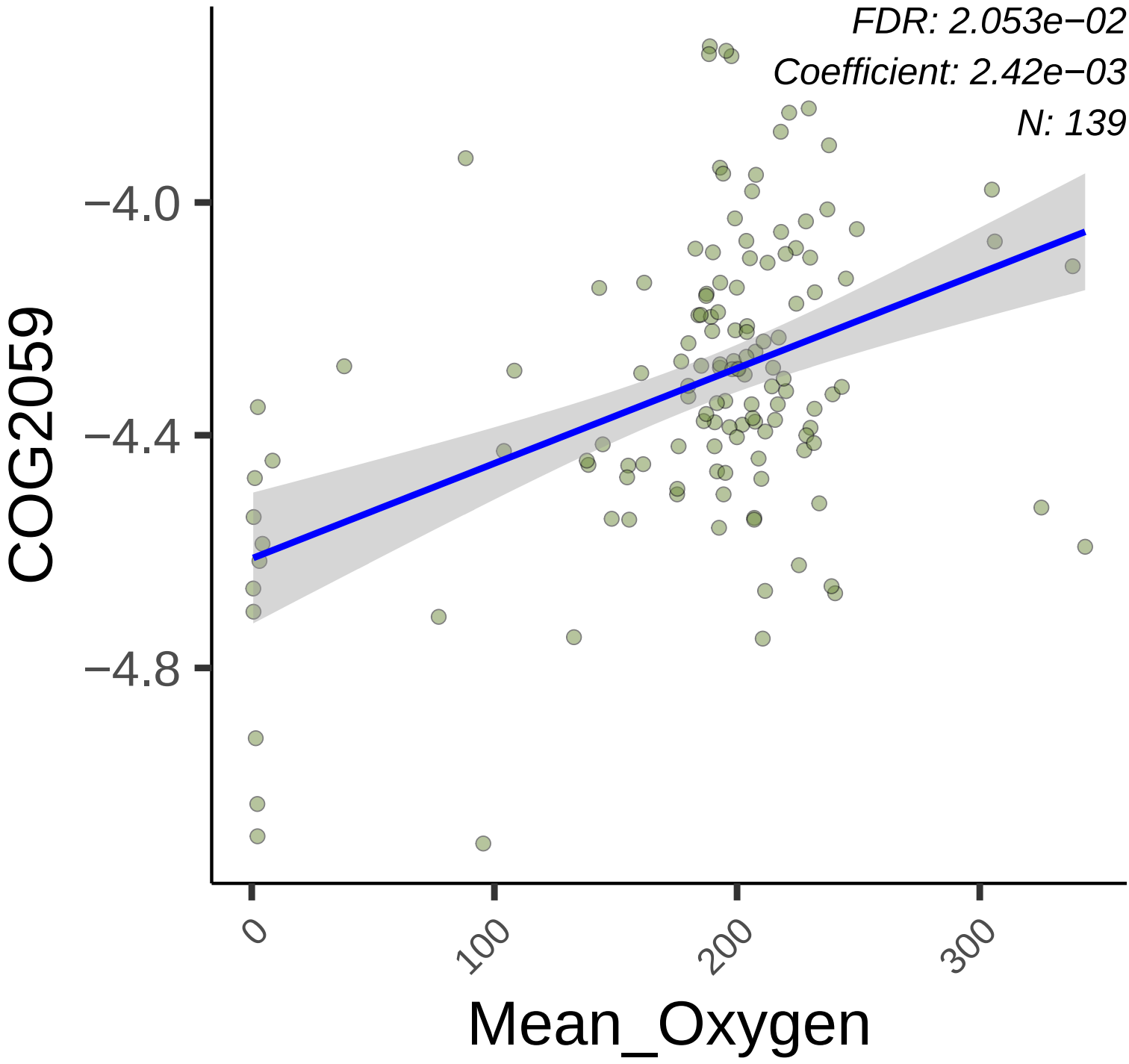
200
300
Mean_Oxygen


FDR: 2.053e−02
Coefficient: 2.42e−03
N: 139
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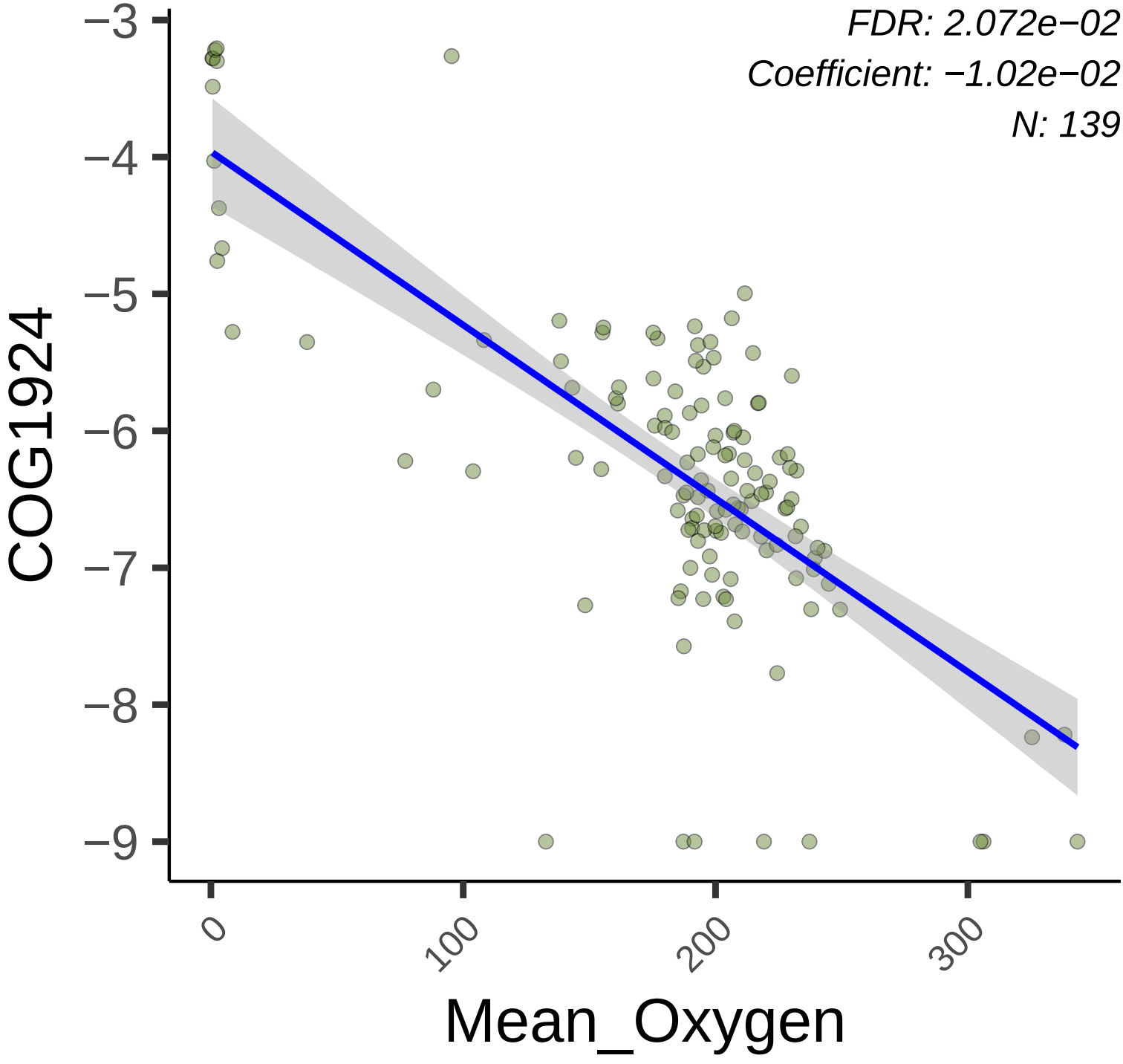
200
300
Mean_Oxygen


FDR: 2.072e−02
Coefficient: −1.02e−02
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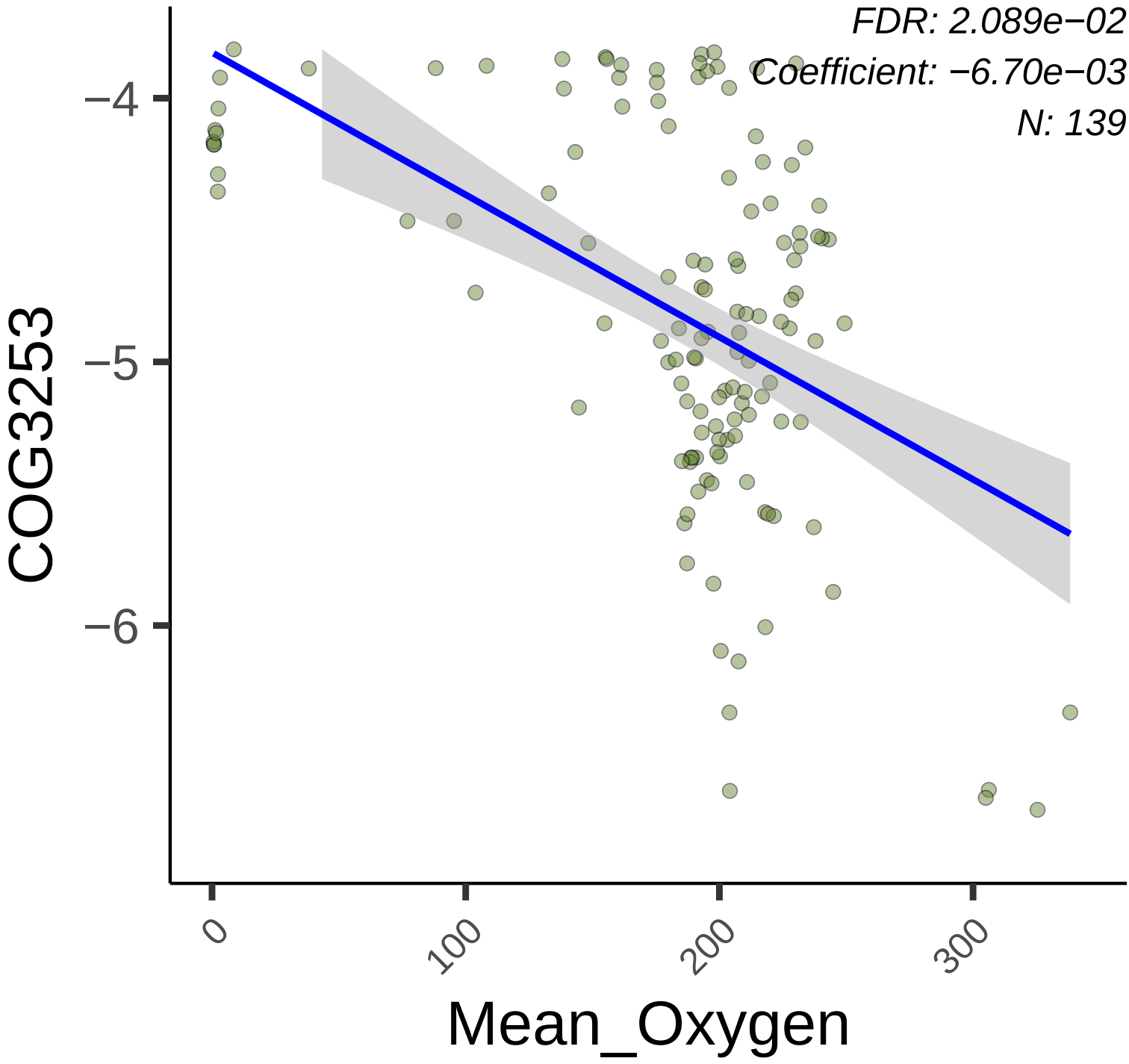
200
300
Mean_Oxygen


FDR: 2.089e−02
Coefficient: −6.70e−03
N: 139
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−6
COG3253
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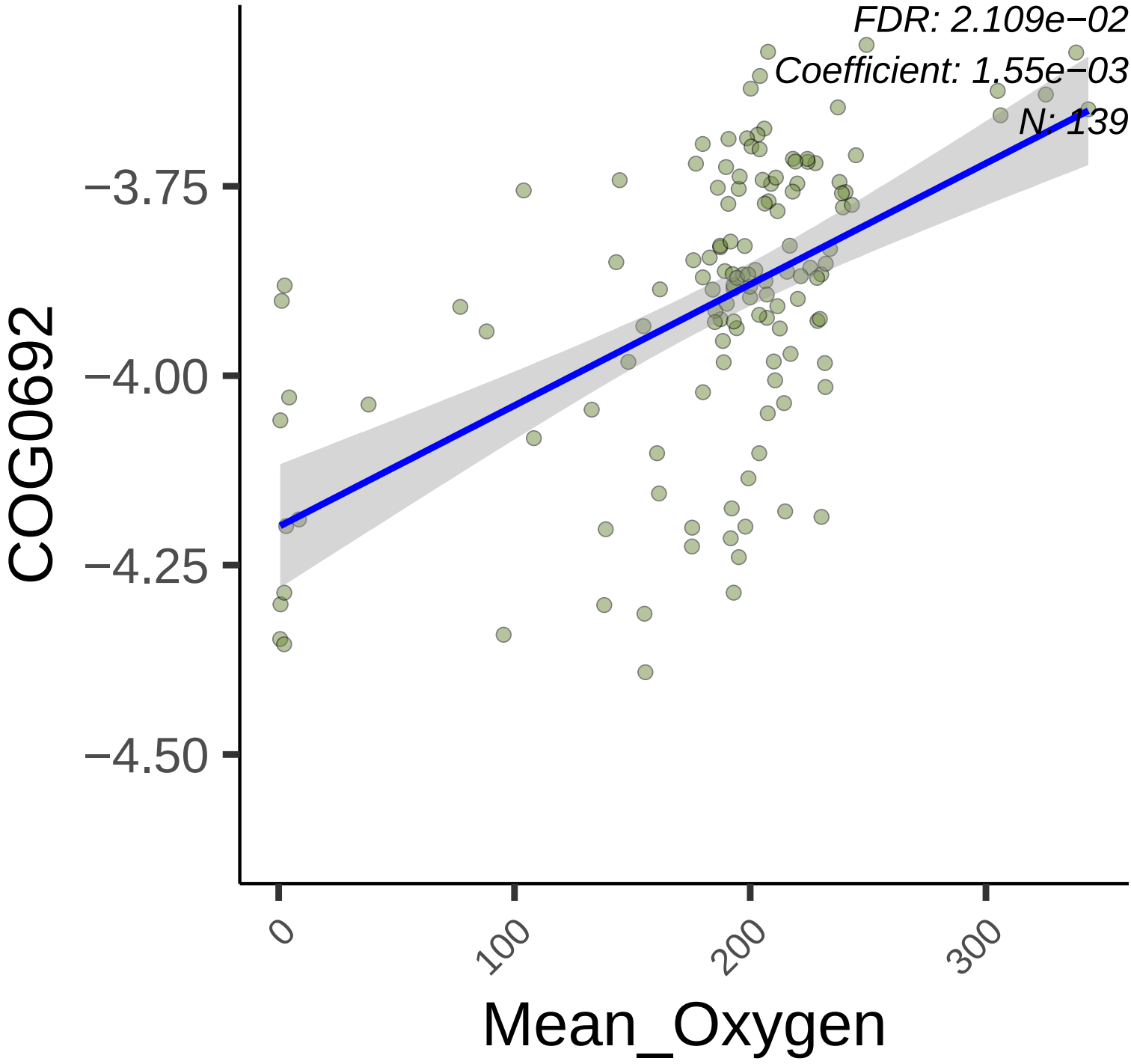
Mean_Oxygen


FDR: 2.109e−02
Coefficient: 1.55e−03
N: 139
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COG0692
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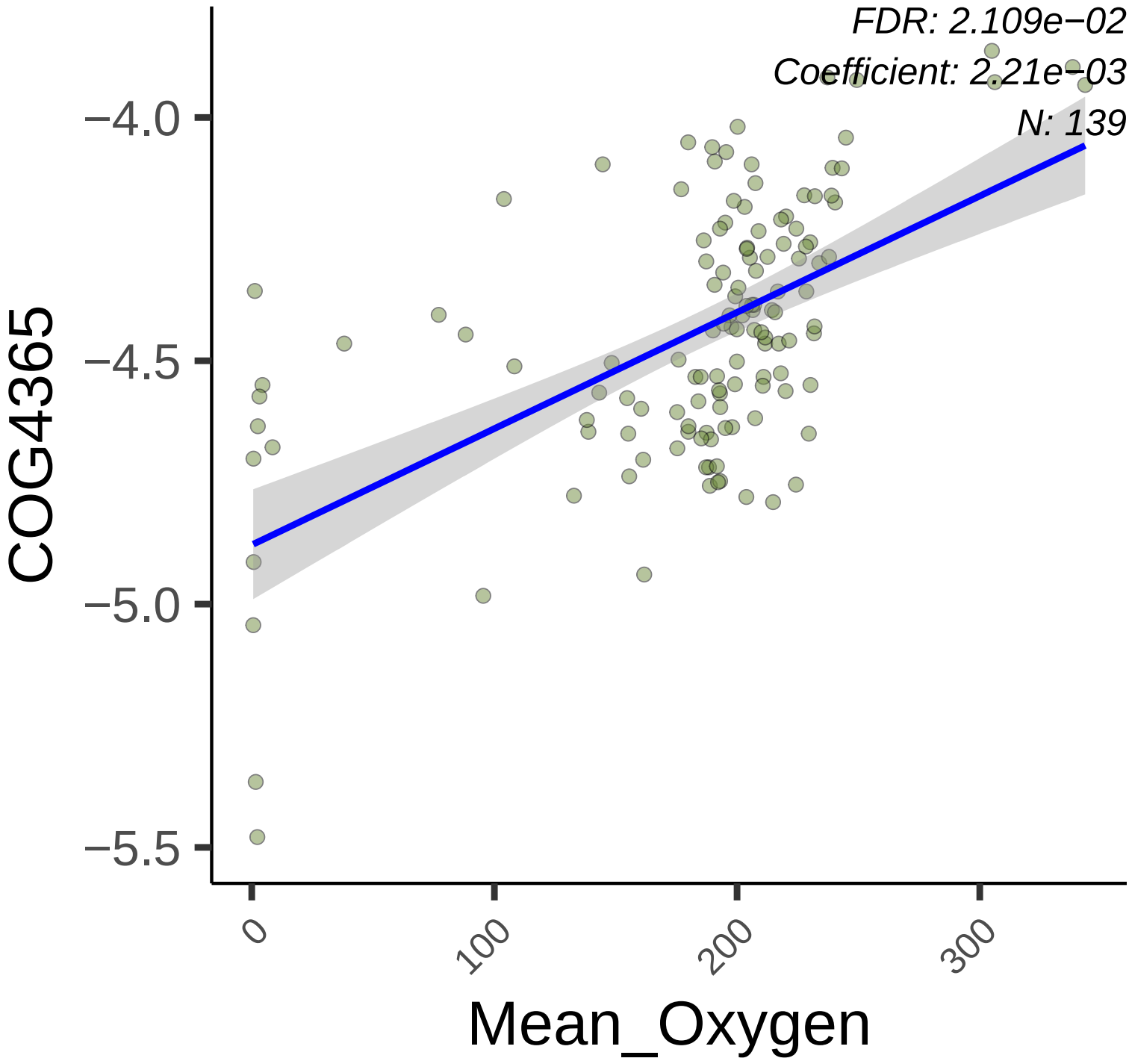
100
200
300
Mean_Oxygen


FDR: 2.109e−02
Coefficient: 2.21e−03
N: 139
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COG4365
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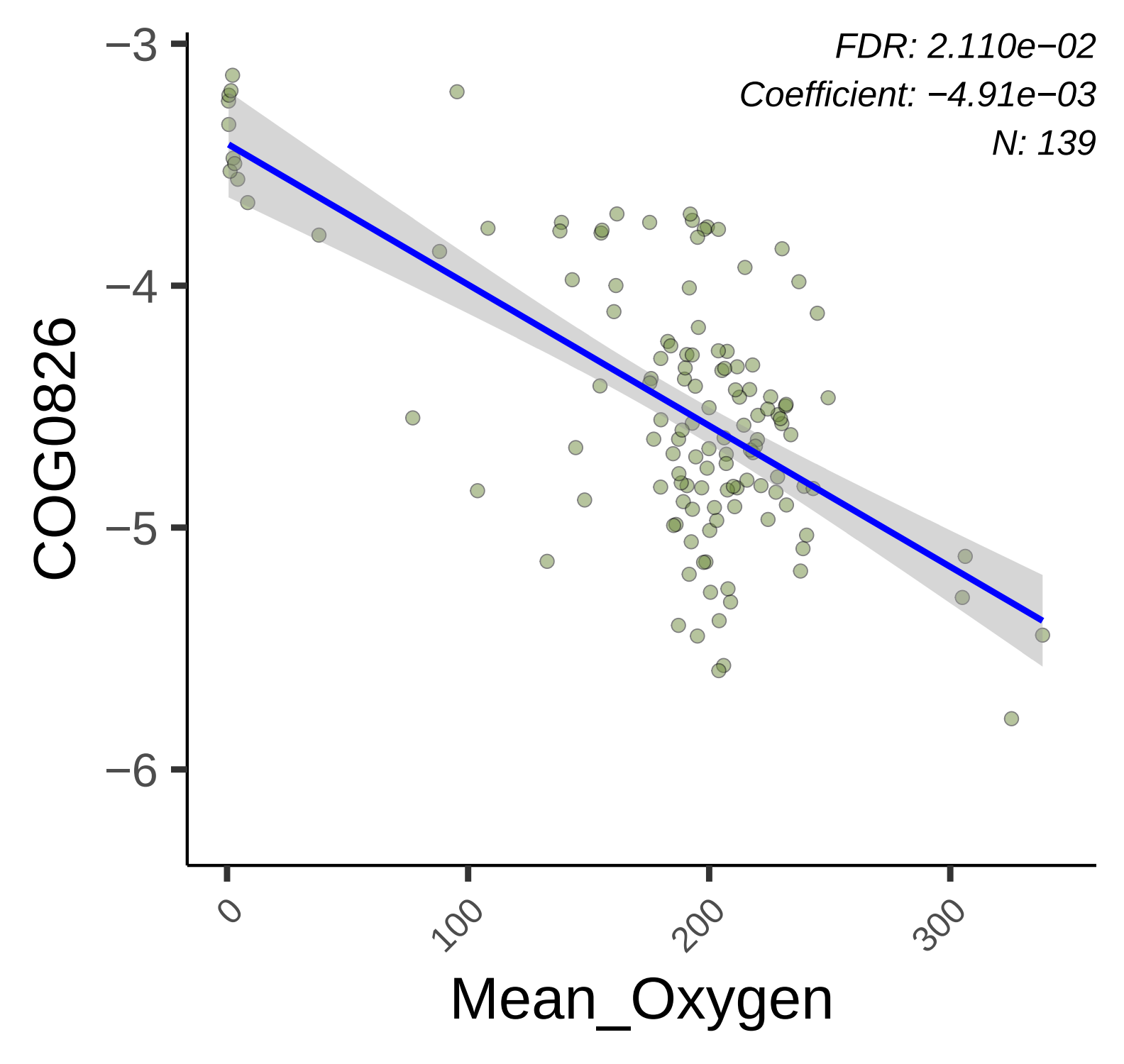
100
200
300
Mean_Oxygen


FDR: 2.110e−02
Coefficient: −4.91e−03
N: 139
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−5
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COG0826
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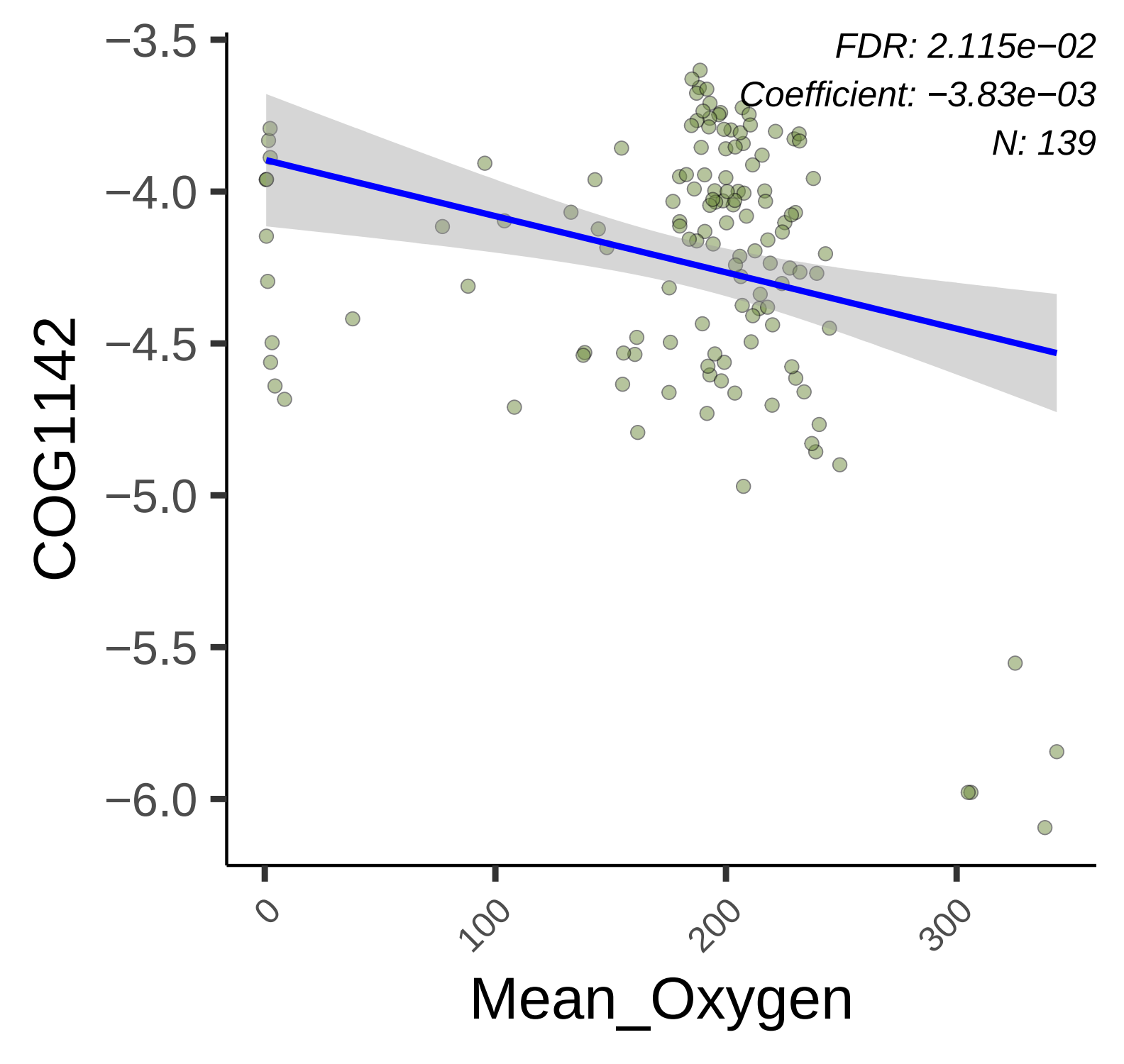
200
300
Mean_Oxygen


FDR: 2.115e−02
Coefficient: −3.83e−03
N: 139
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−5.5
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COG1142
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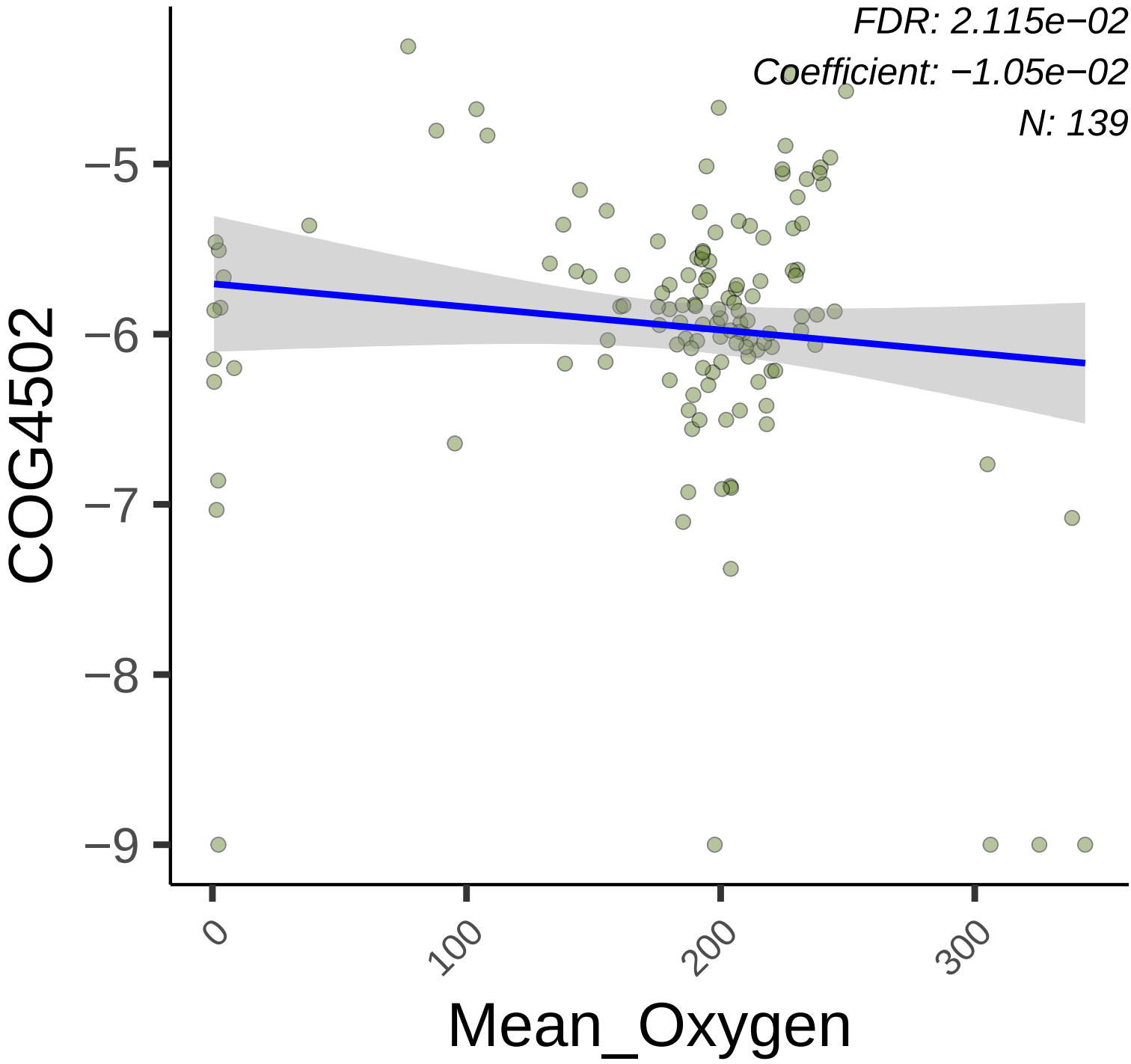
100
200
300
Mean_Oxygen


FDR: 2.115e−02
Coefficient: −1.05e−02
N: 139
COG4502
−5
−6
−7
−8
−9
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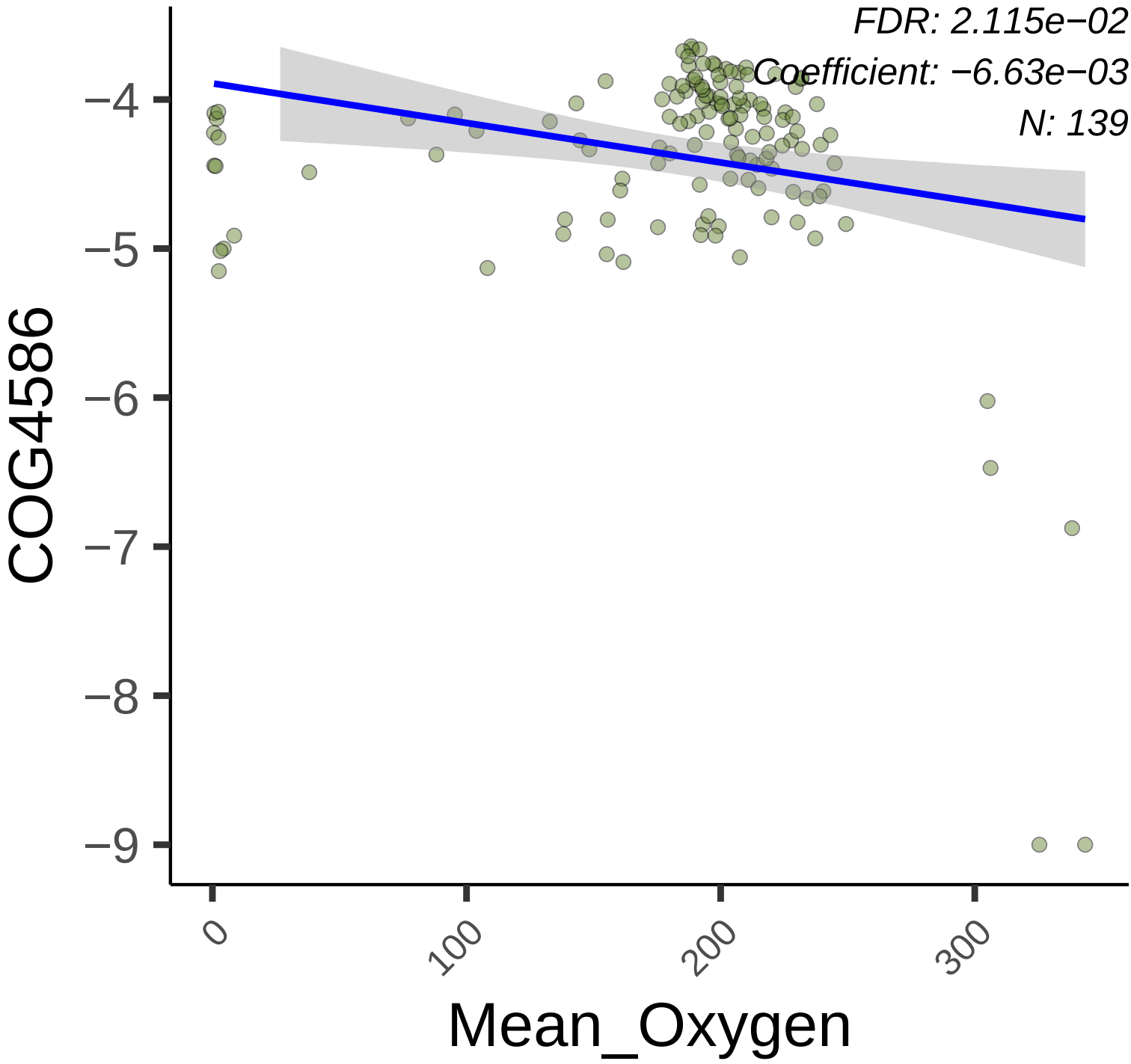
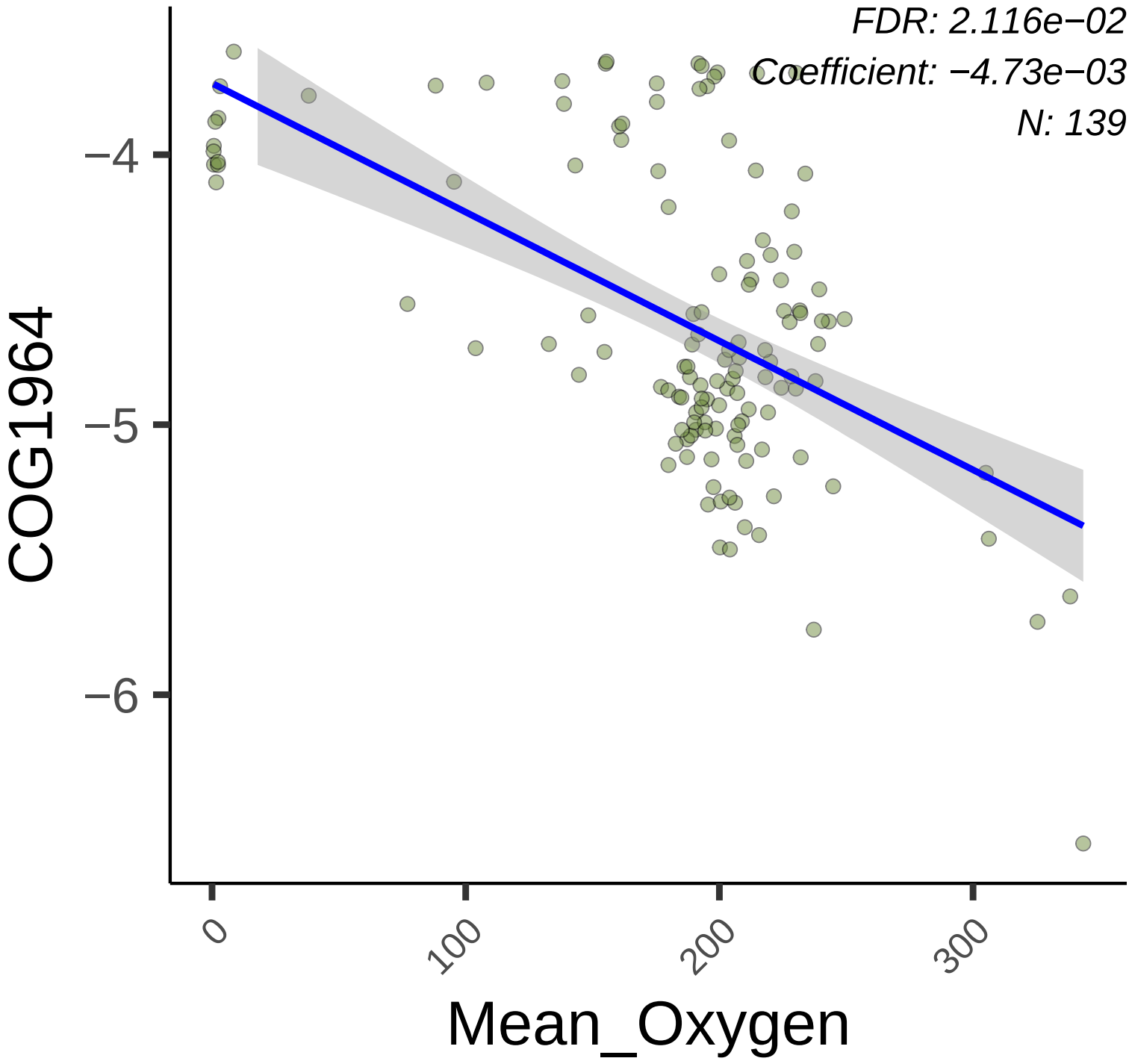
100
200
300
Mean_Oxygen


FDR: 2.115e−02
Coefficient: −6.63e−03
N: 139
−4
−5
−6
−7
−8
−9
COG4586
0
100
200
300
Mean_Oxygen


FDR: 2.116e−02
Coefficient: −4.73e−03
N: 139
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−5
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COG1964
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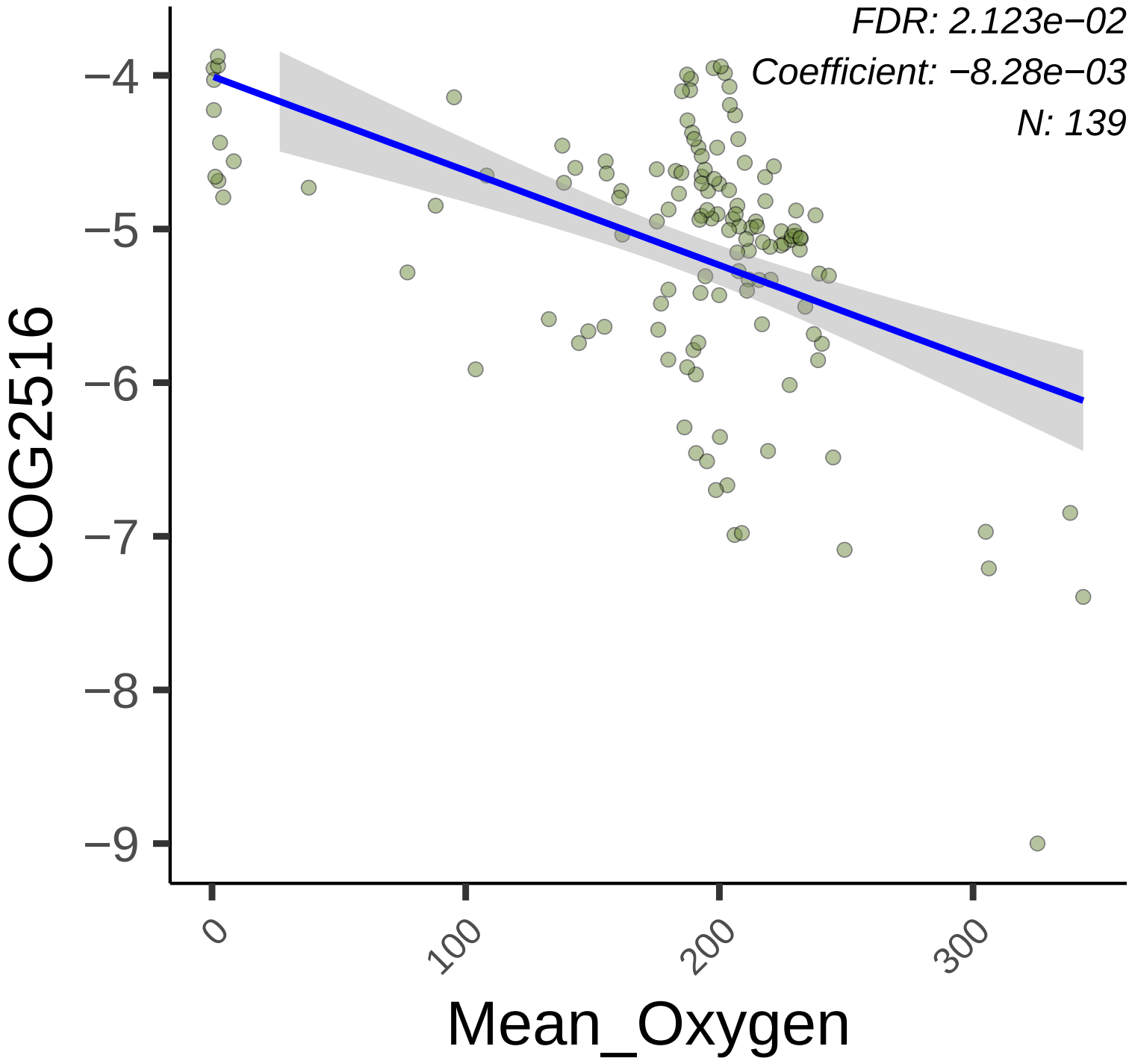
Mean_Oxygen


FDR: 2.123e−02
Coefficient: −8.28e−03
N: 139
COG2516
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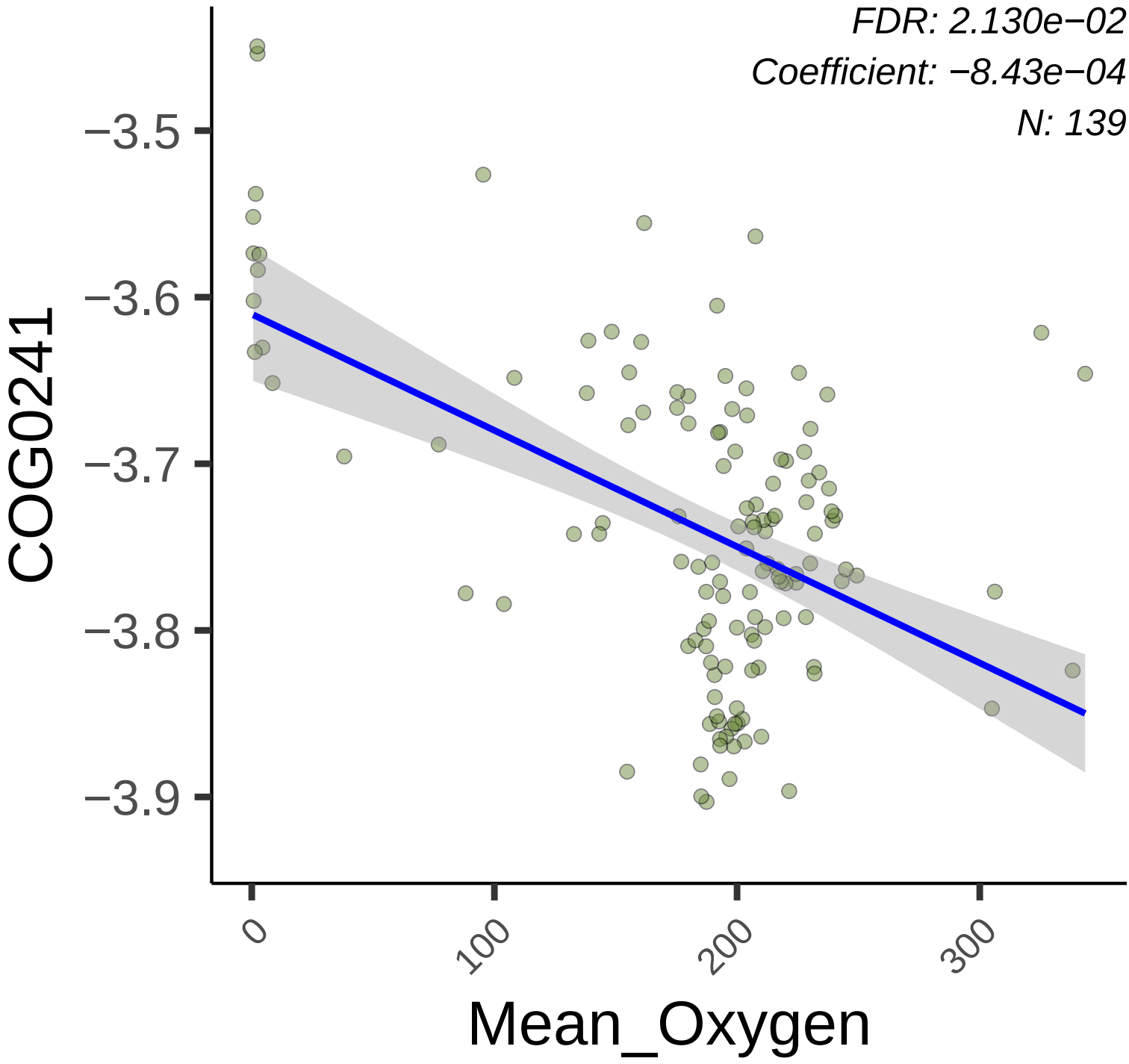
Mean_Oxygen


FDR: 2.130e−02
Coefficient: −8.43e−04
N: 139
−3.5
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COG0241
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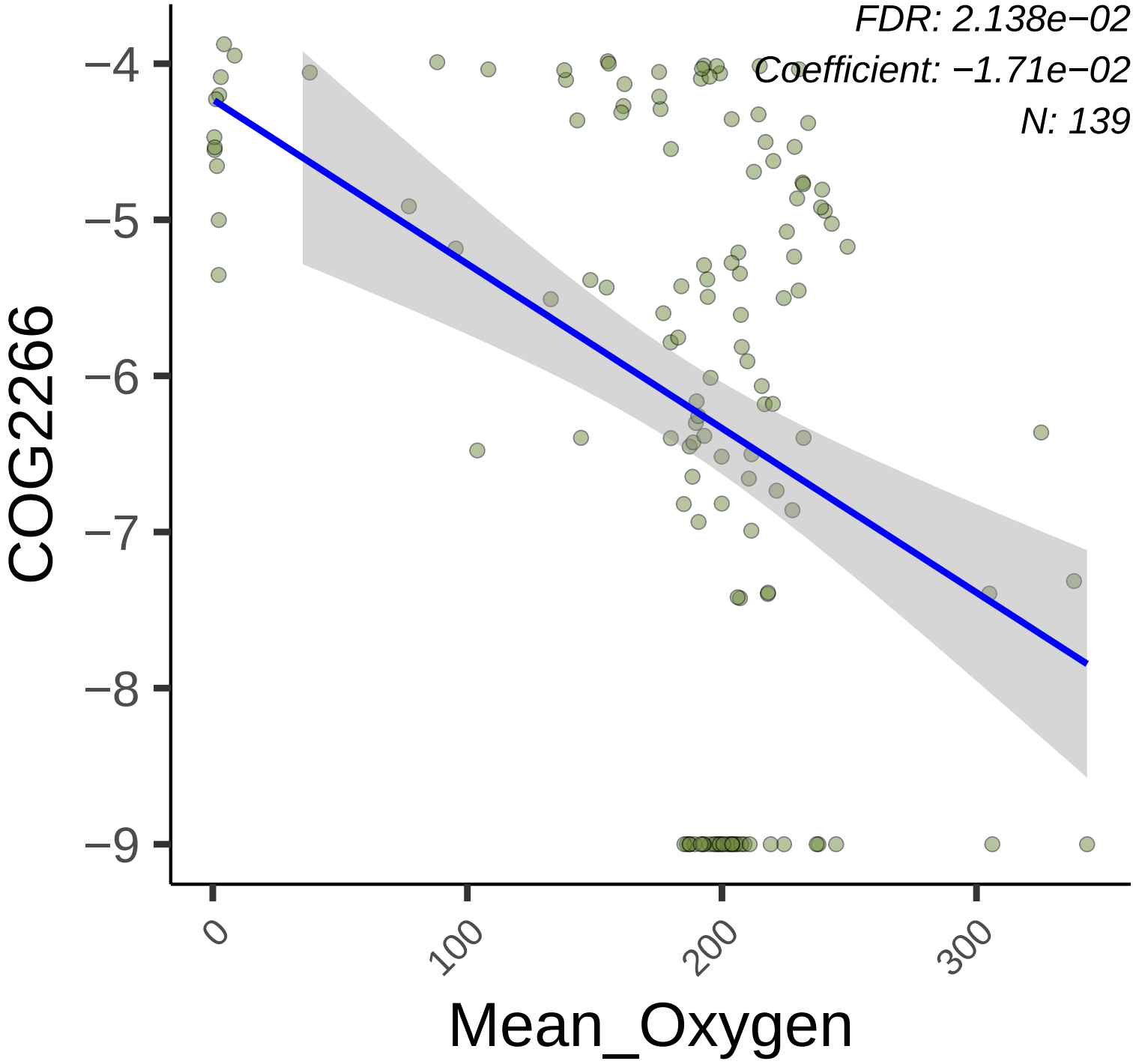
300
Mean_Oxygen


FDR: 2.138e−02
Coefficient: −1.71e−02
N: 139
COG2266
−4
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0
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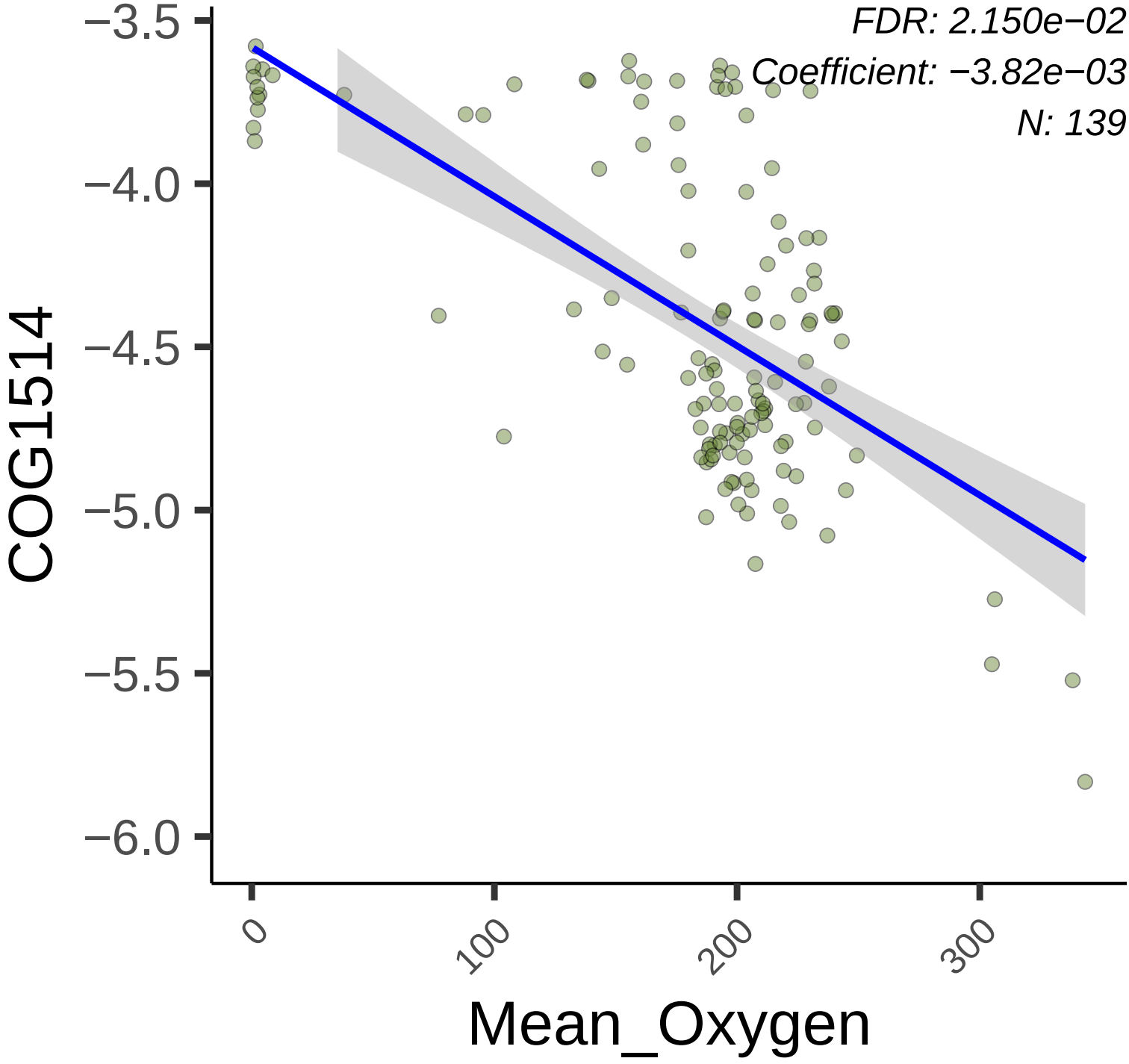
200
300
Mean_Oxygen


FDR: 2.150e−02
Coefficient: −3.82e−03
N: 139
−3.5
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COG1514
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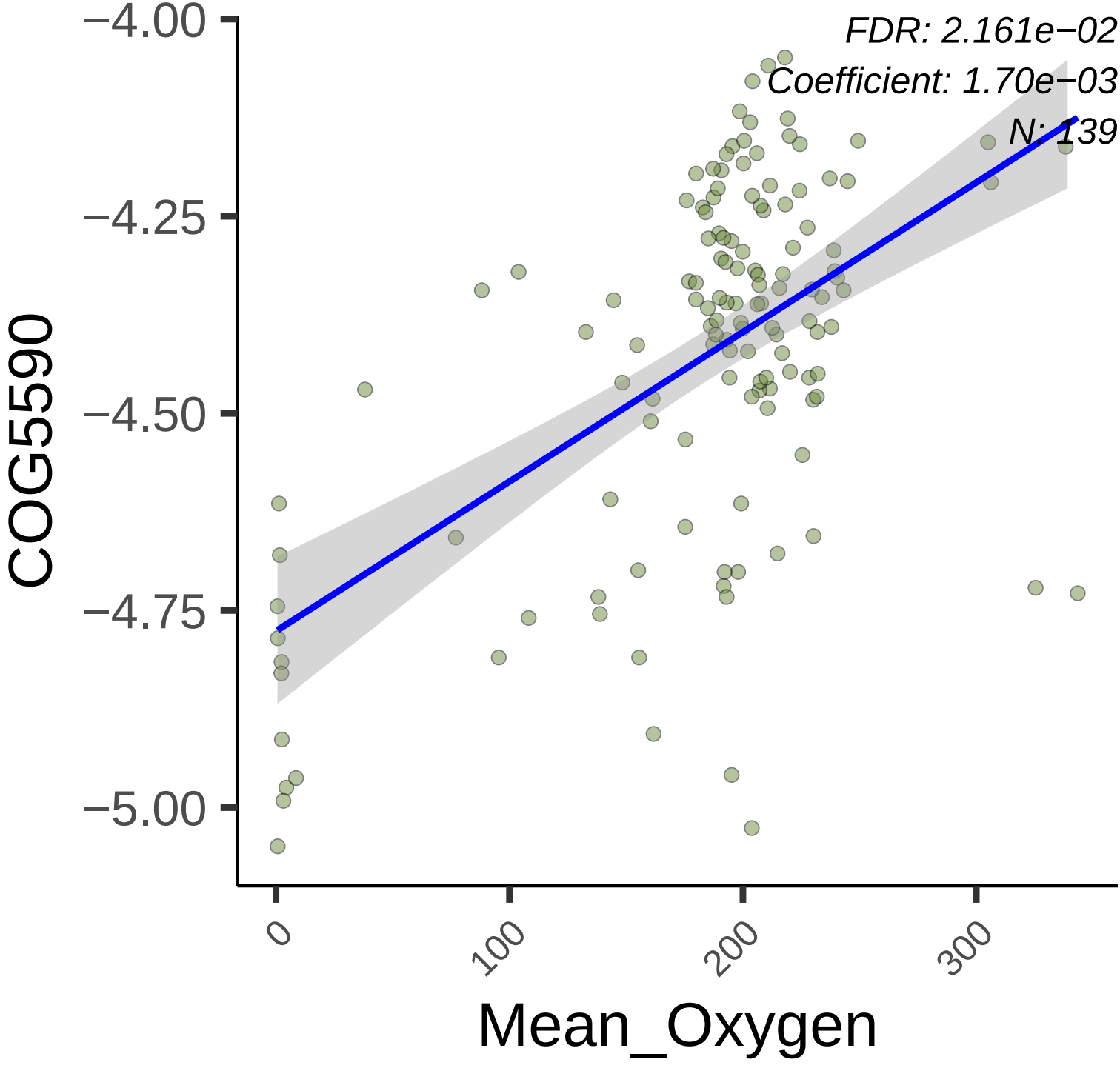
300
Mean_Oxygen


FDR: 2.161e−02
Coefficient: 1.70e−03
N: 139
−4.00
−4.25
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−5.00
COG5590
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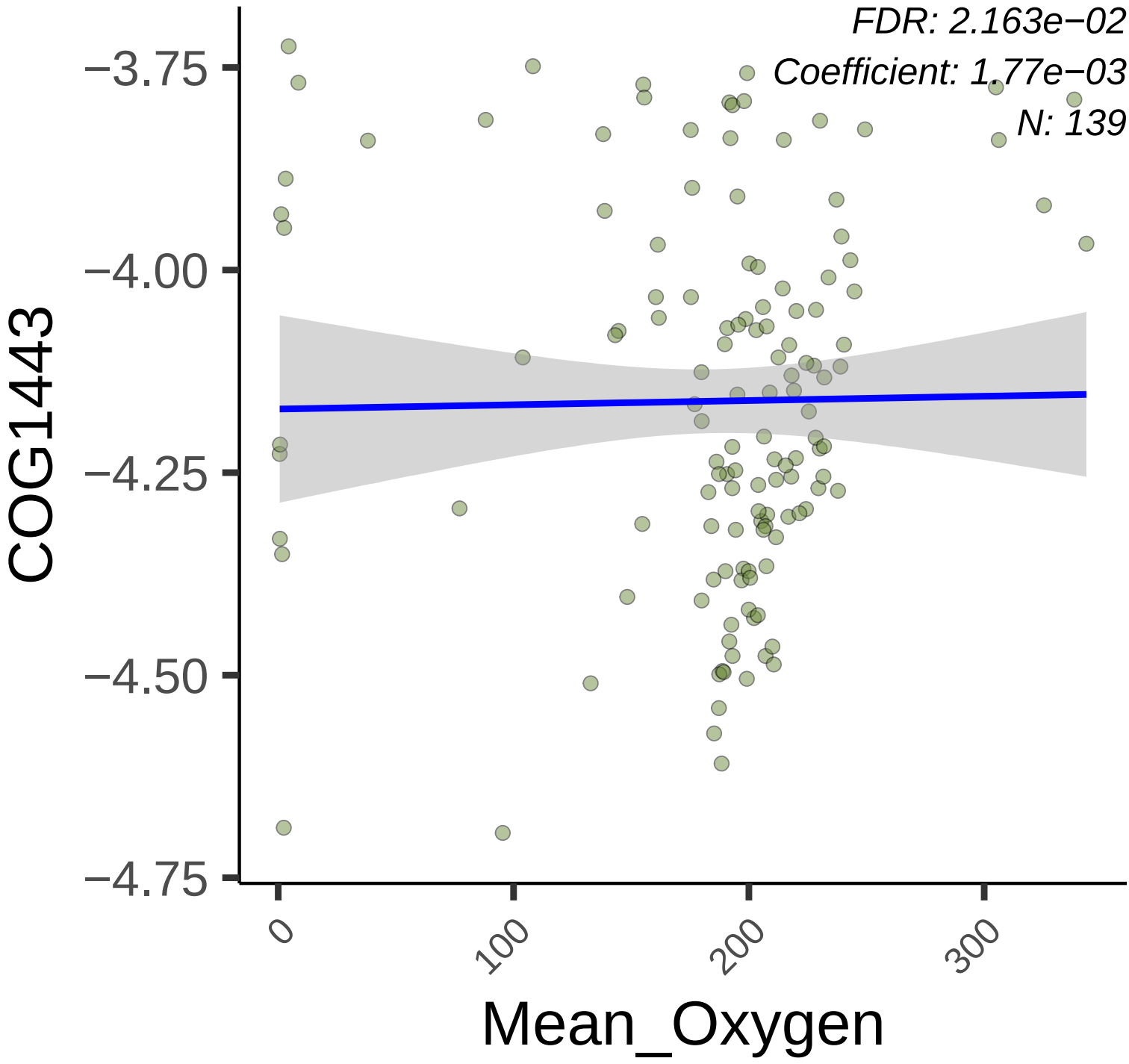
100
200
300
Mean_Oxygen


FDR: 2.163e−02
Coefficient: 1.77e−03
N: 139
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−4.00
−4.25
−4.50
−4.75
COG1443
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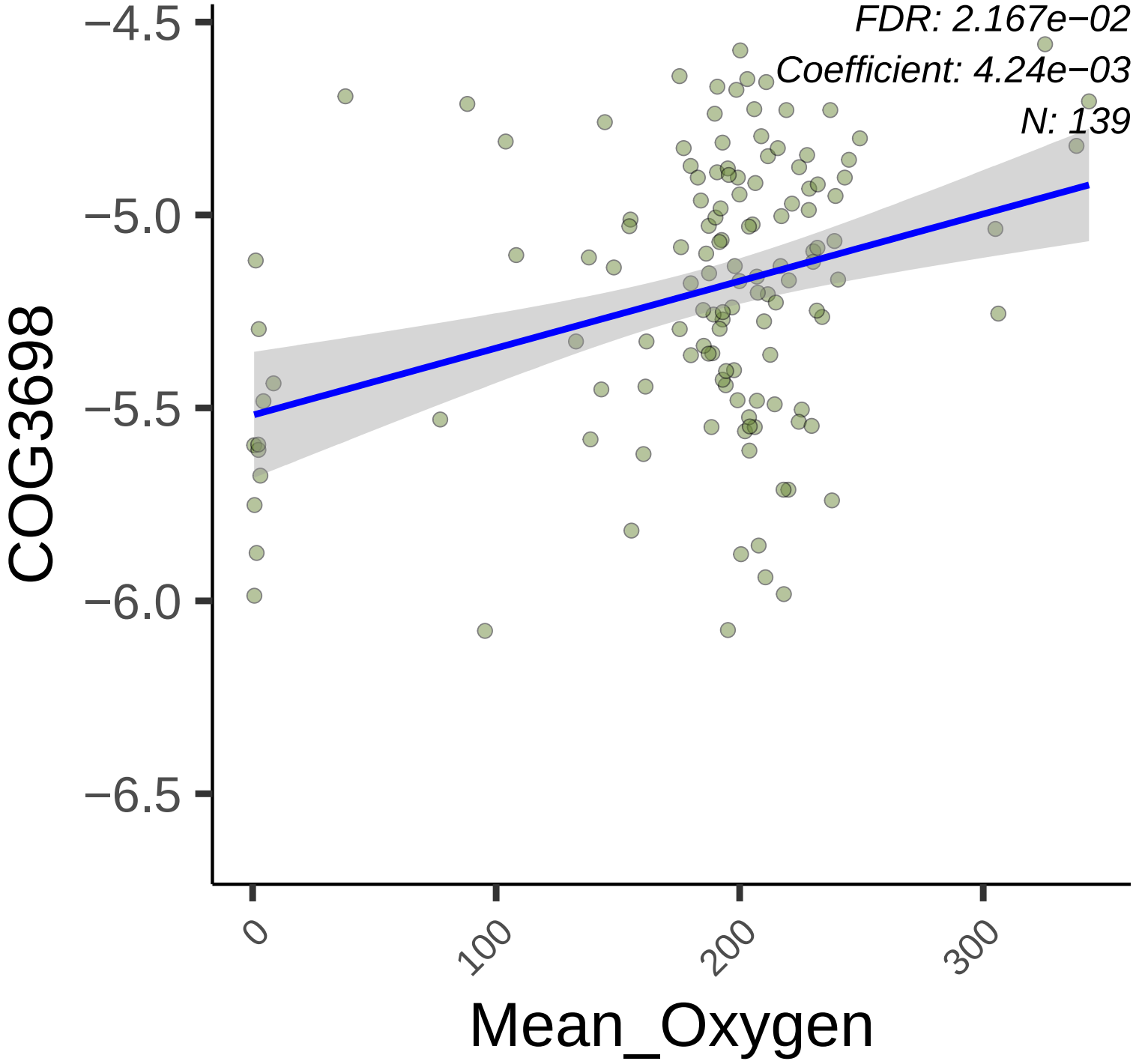
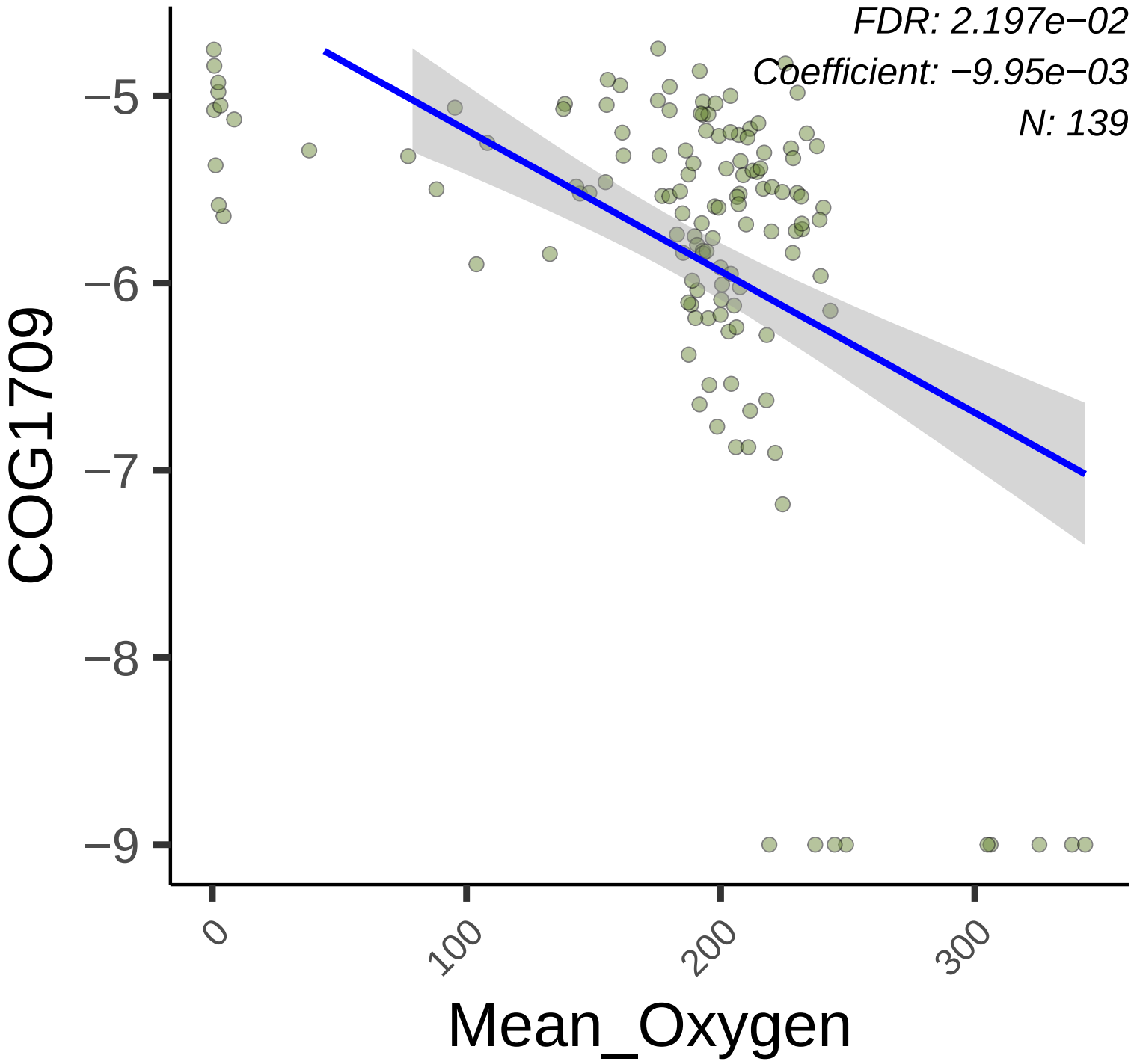
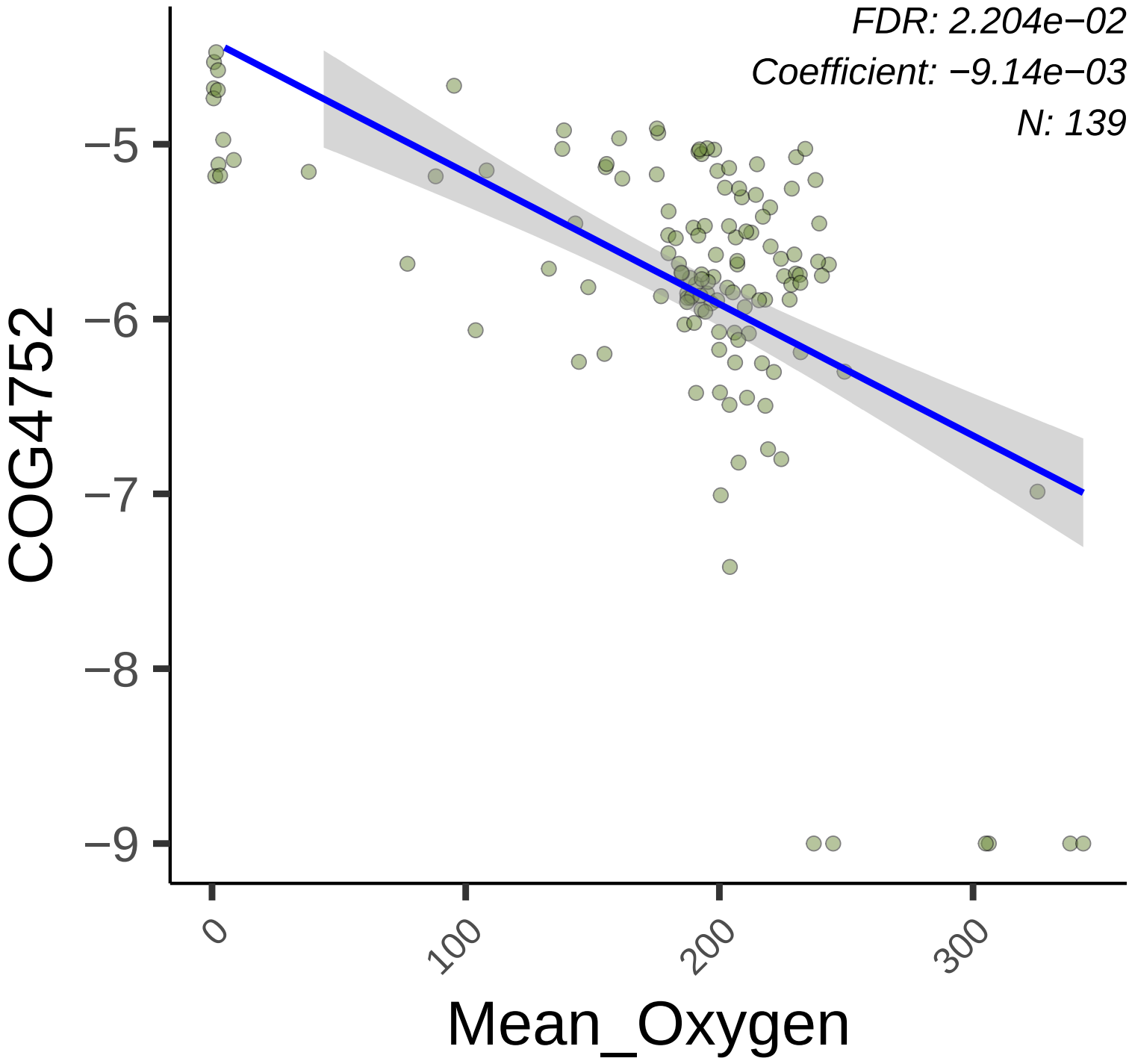
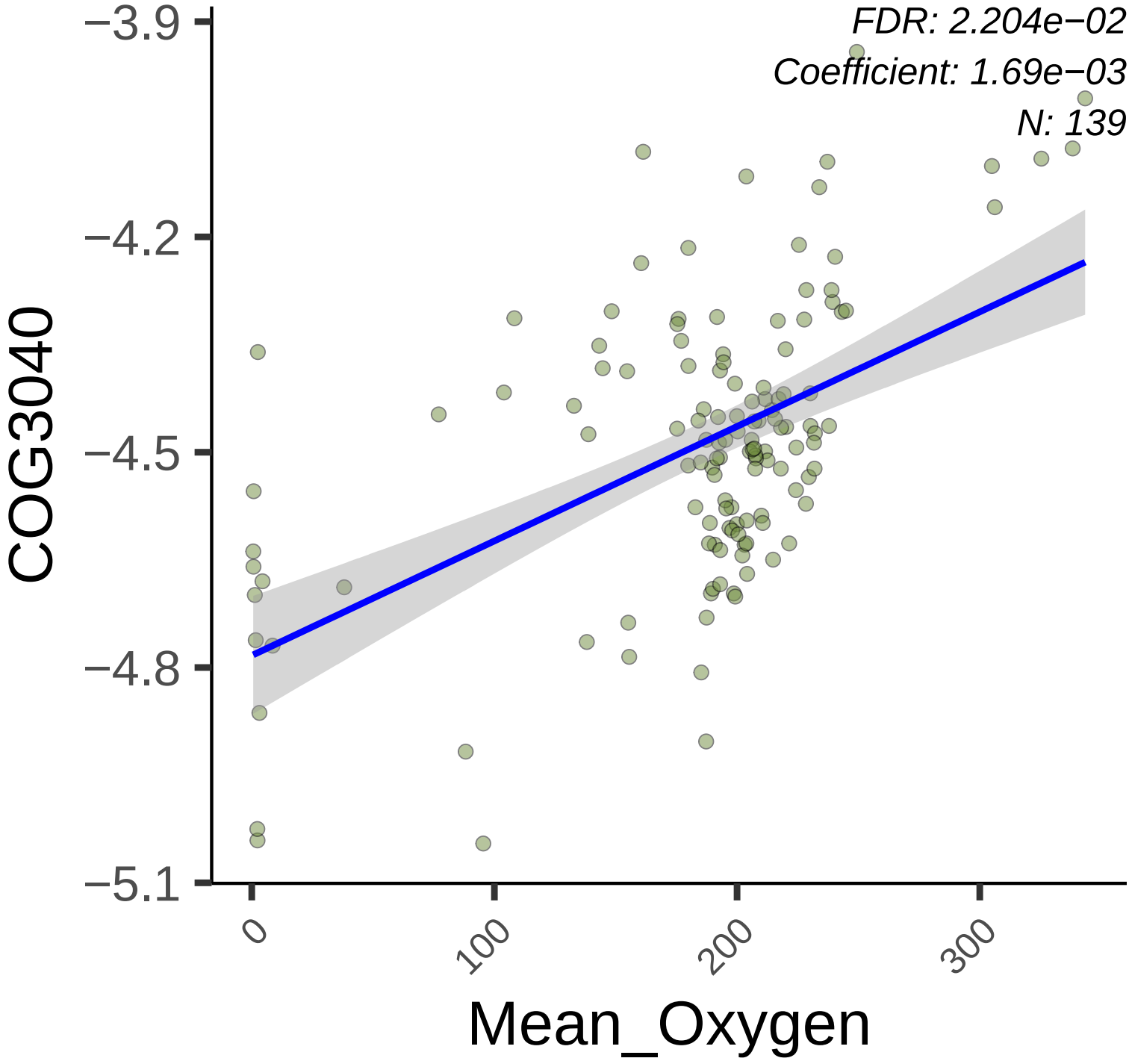
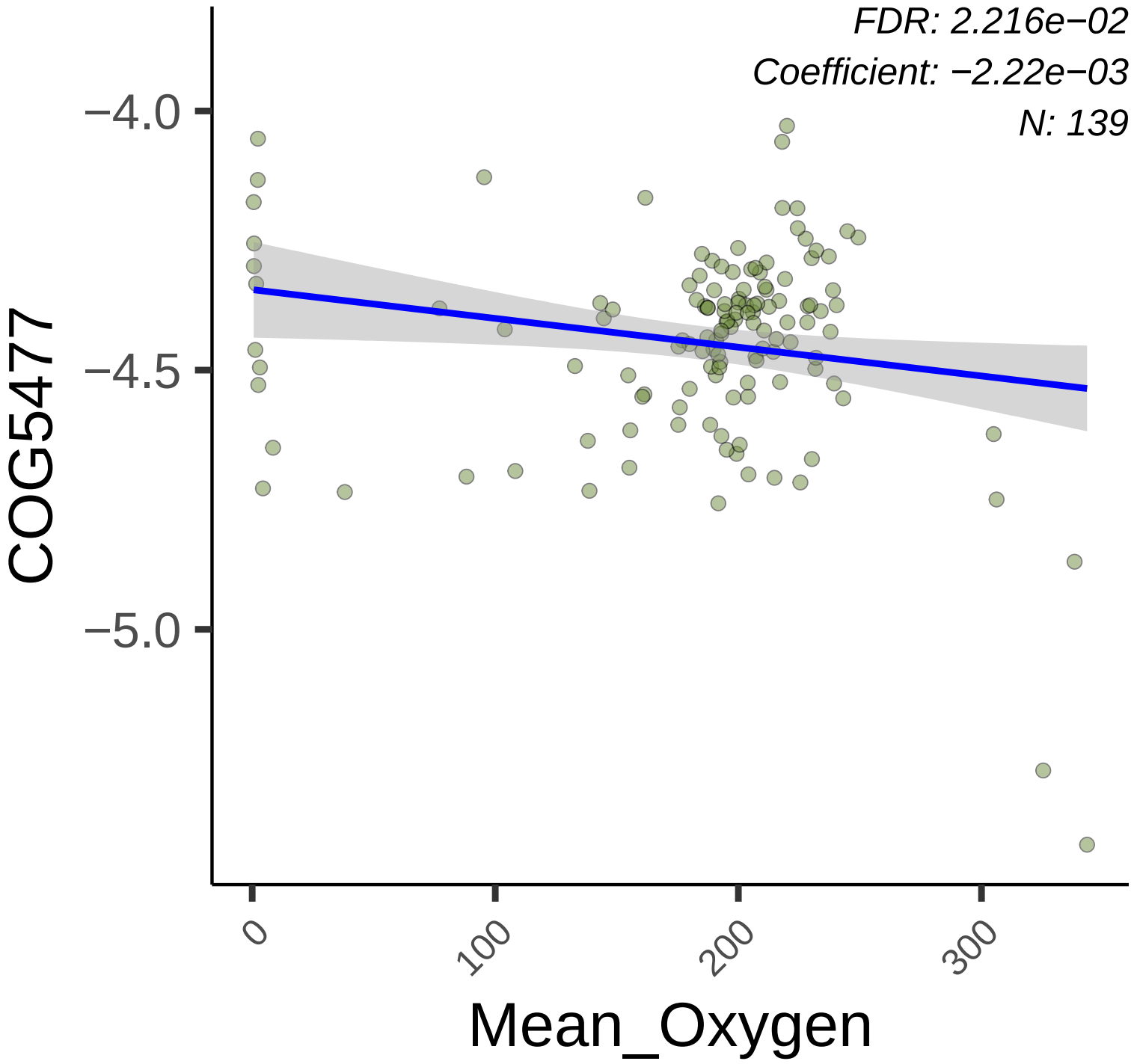
100
200
300
Mean_Oxygen


FDR: 2.167e−02
Coefficient: 4.24e−03
N: 139
−4.5
−5.0
−5.5
−6.0
−6.5
COG3698
0
100
200
300
Mean_Oxygen


FDR: 2.197e−02
Coefficient: −9.95e−03
N: 139
COG1709
−5
−6
−7
−8
−9
0
100
200
300
Mean_Oxygen


FDR: 2.204e−02
Coefficient: −9.14e−03
N: 139
COG4752
−5
−6
−7
−8
−9
0
100
200
300
Mean_Oxygen


FDR: 2.204e−02
Coefficient: 1.69e−03
N: 139
−3.9
−4.2
−4.5
−4.8
−5.1
COG3040
0
100
200
300
Mean_Oxygen


FDR: 2.216e−02
Coefficient: −2.22e−03
N: 139
−4.0
−4.5
−5.0
COG5477
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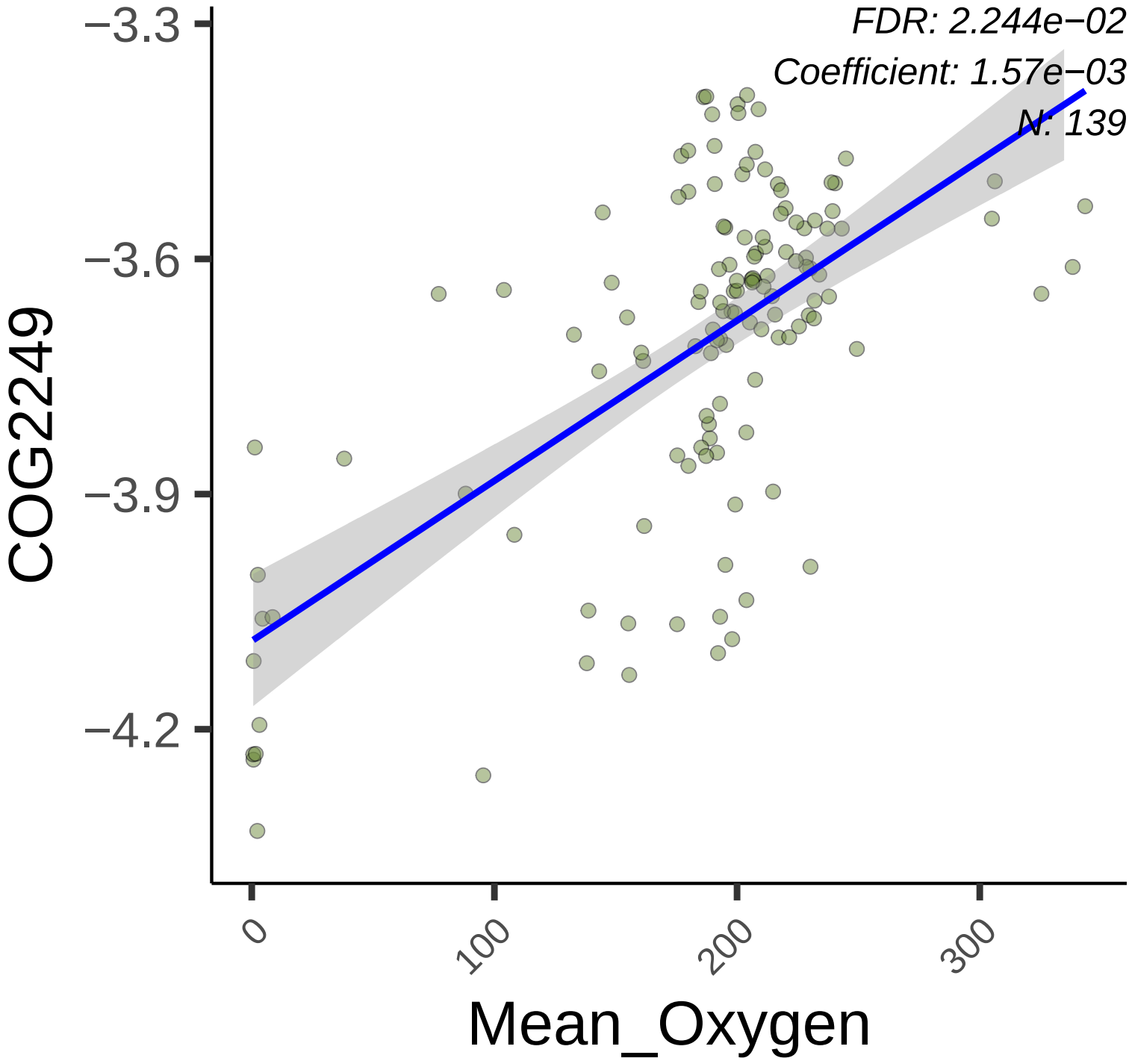
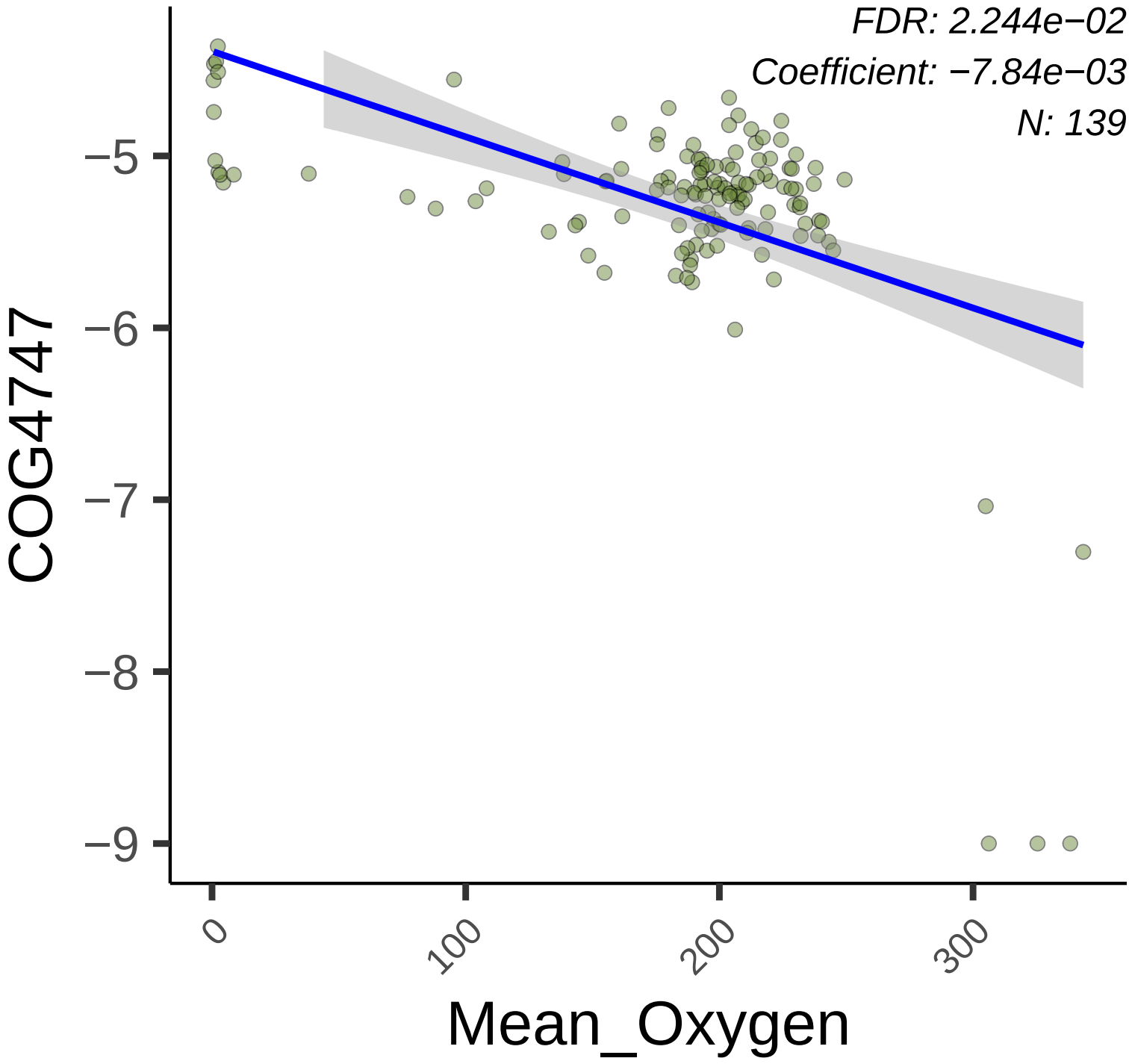
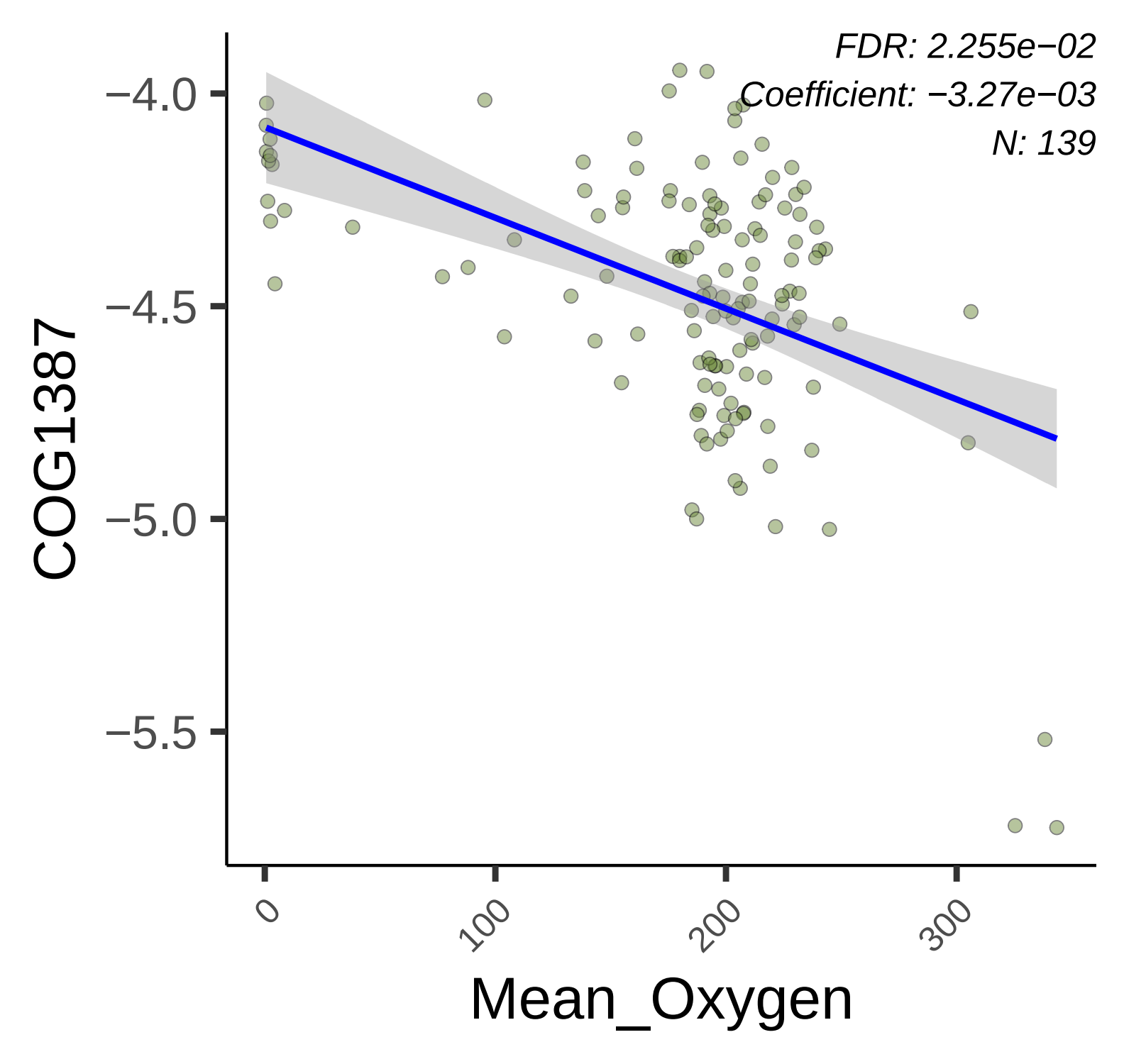
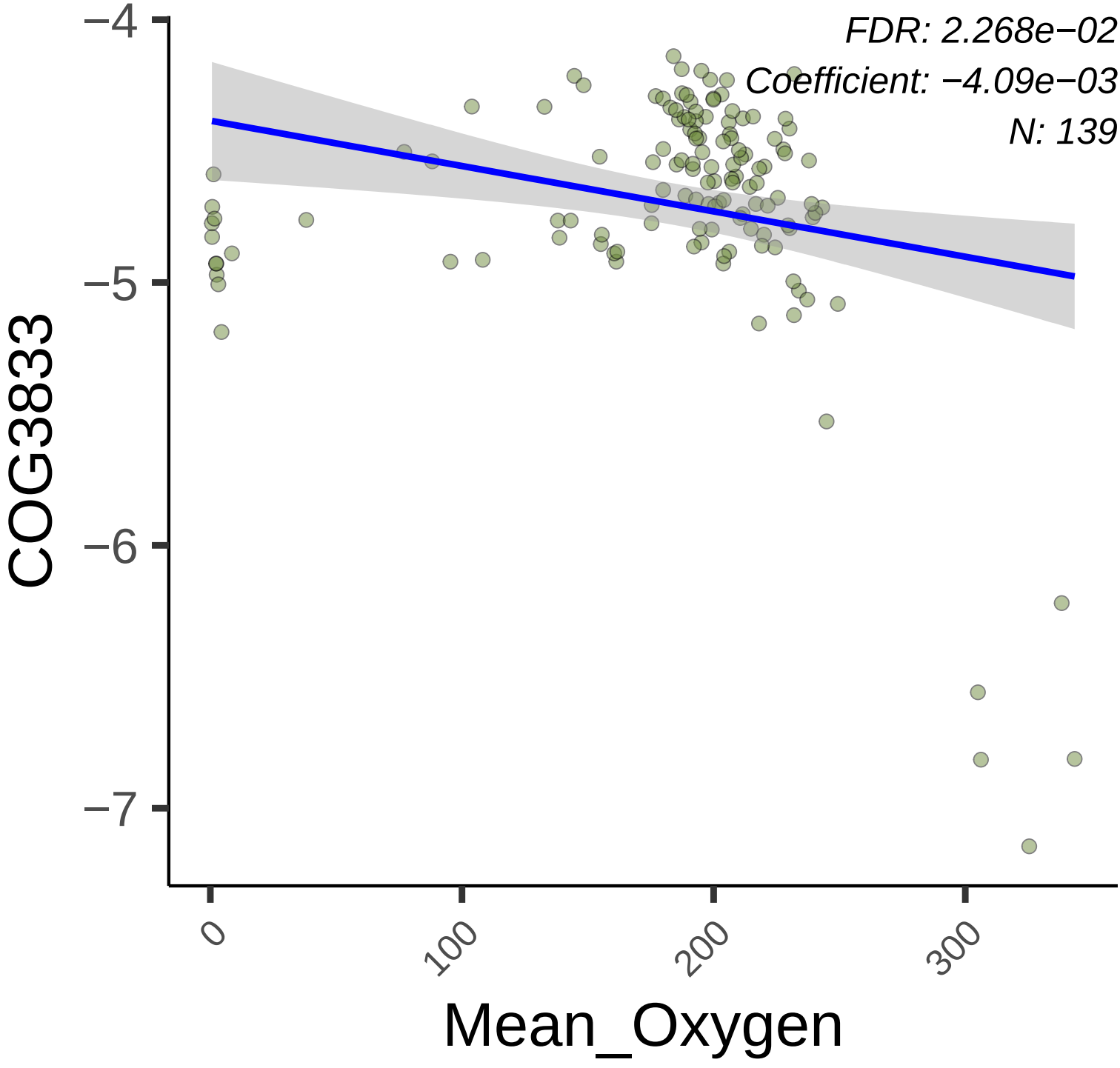
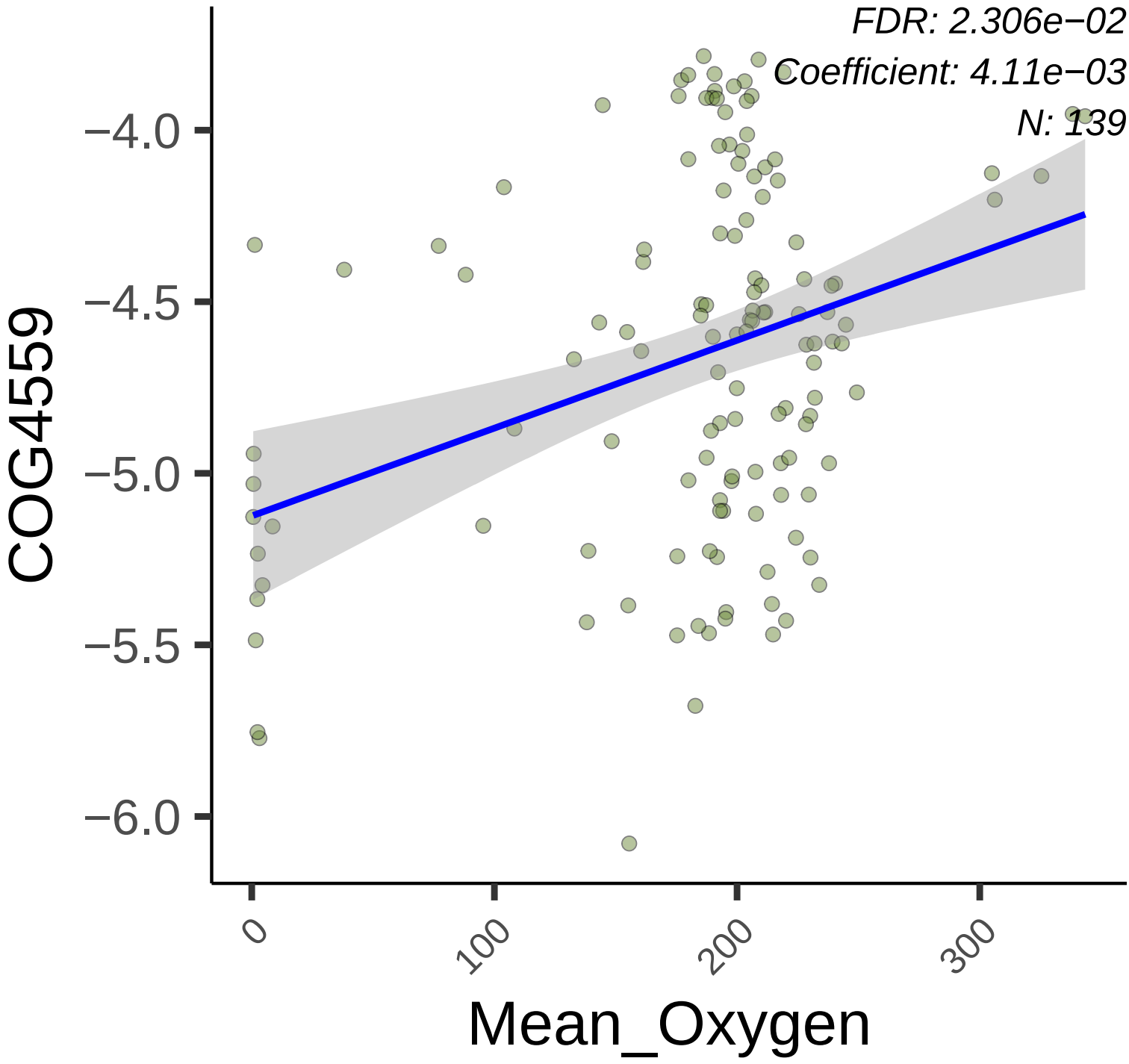
200
300
Mean_Oxygen


FDR: 2.244e−02
Coefficient: 1.57e−03
N: 139
−3.3
−3.6
−3.9
−4.2
COG2249
0
100
200
300
Mean_Oxygen


FDR: 2.244e−02
Coefficient: −7.84e−03
N: 139
COG4747
−5
−6
−7
−8
−9
0
100
200
300
Mean_Oxygen


FDR: 2.255e−02
Coefficient: −3.27e−03
N: 139
−4.0
−4.5
−5.0
−5.5
COG1387
0
100
200
300
Mean_Oxygen


FDR: 2.268e−02
Coefficient: −4.09e−03
N: 139
COG3833
−4
−5
−6
−7
0
100
200
300
Mean_Oxygen


FDR: 2.306e−02
Coefficient: 4.11e−03
N: 139
COG4559
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−4.5
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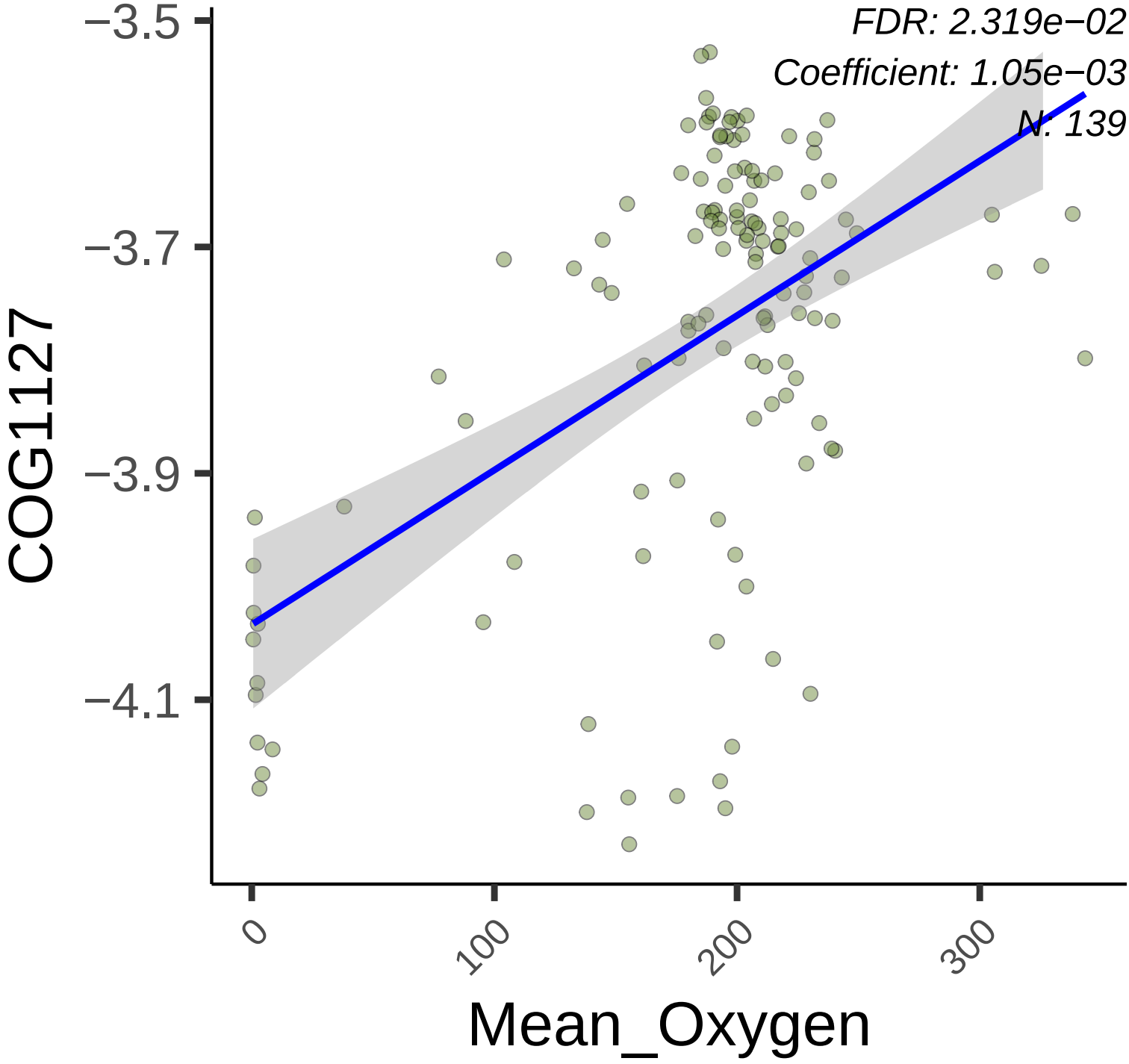
−6.0
0
100
200
300
Mean_Oxygen


FDR: 2.319e−02
Coefficient: 1.05e−03
N: 139
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−4.1
COG1127
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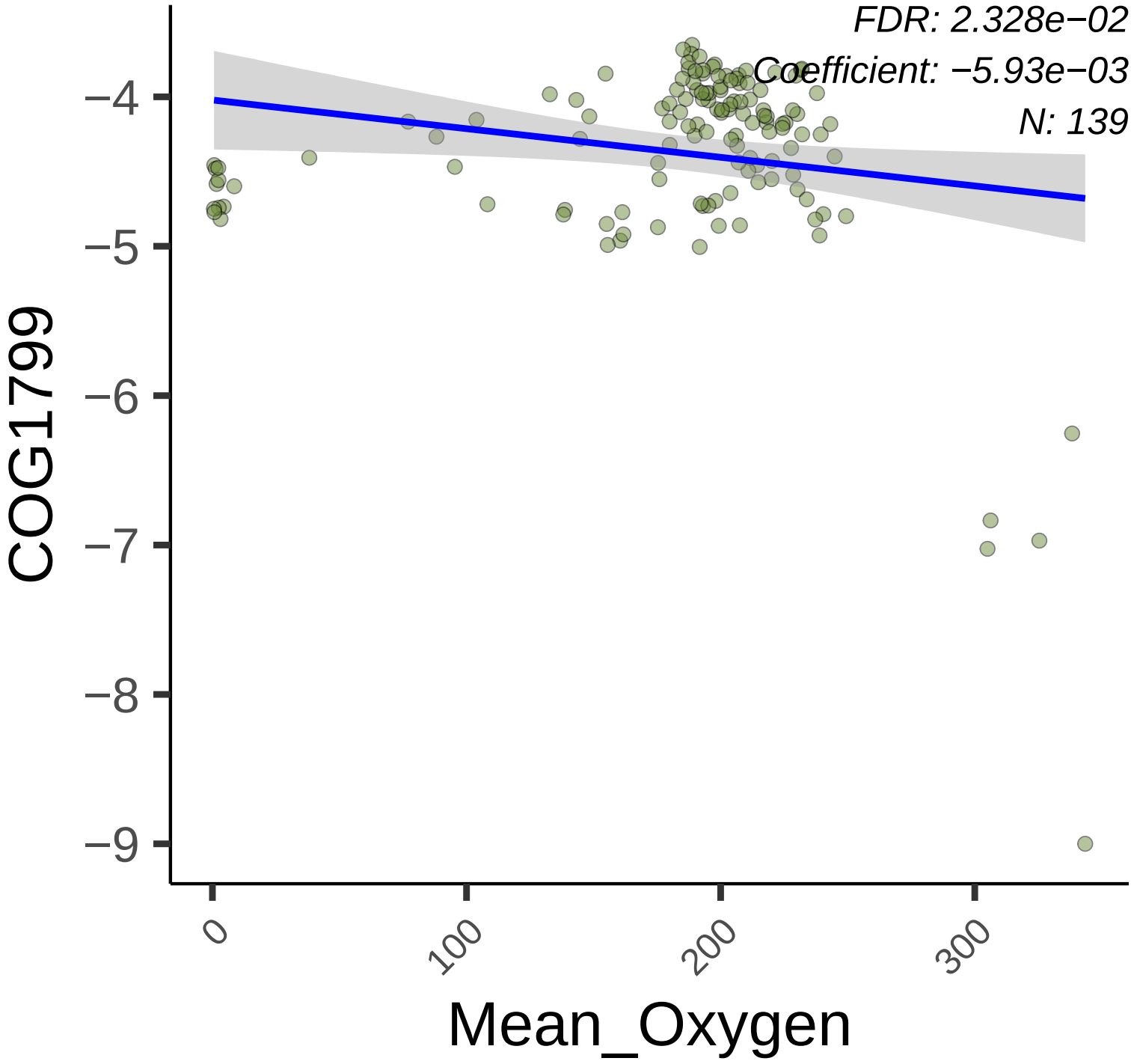
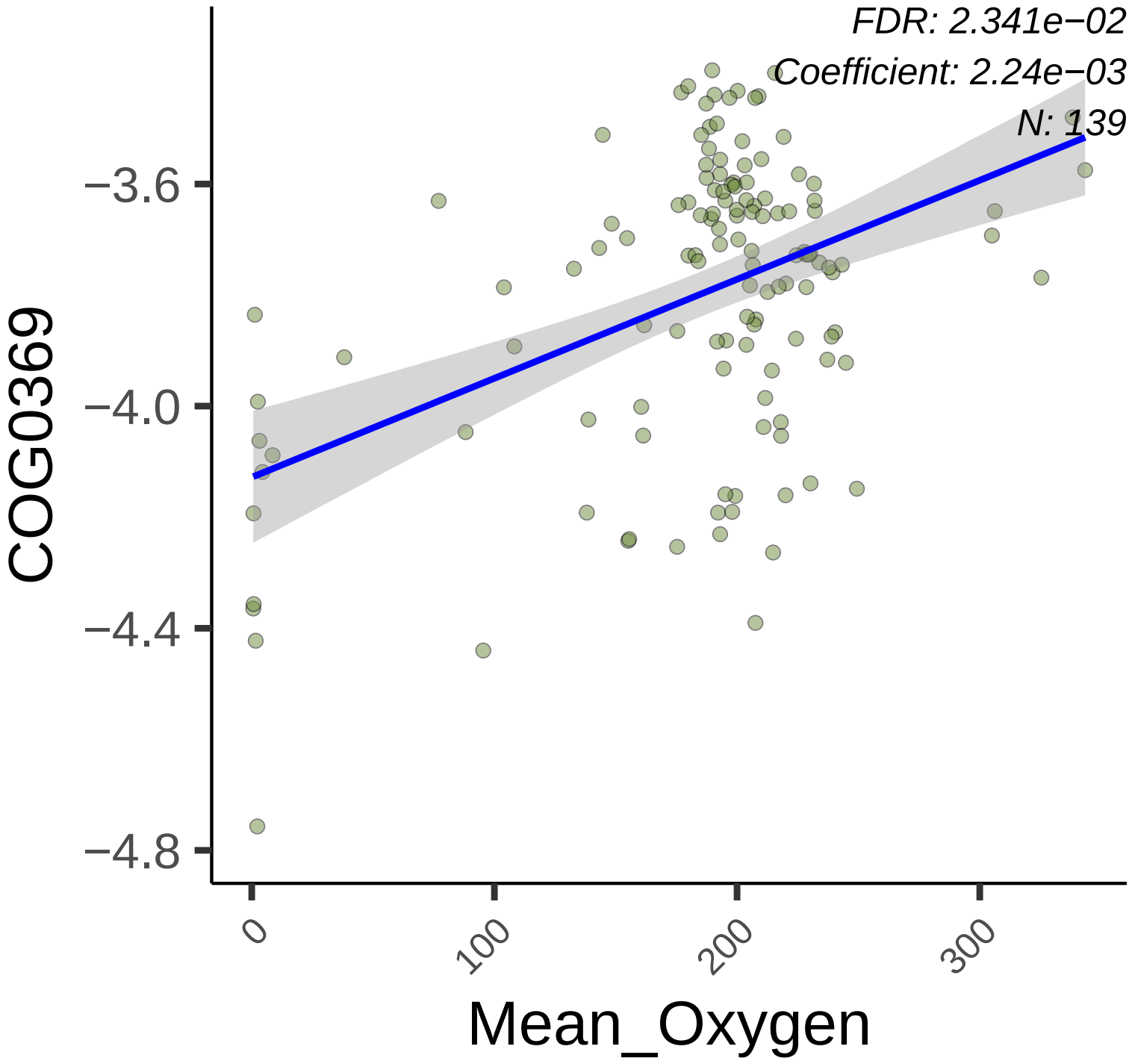
100
200
300
Mean_Oxygen


FDR: 2.328e−02
Coefficient: −5.93e−03
N: 139
−4
−5
−6
−7
−8
−9
COG1799
0
100
200
300
Mean_Oxygen


FDR: 2.341e−02
Coefficient: 2.24e−03
N: 139
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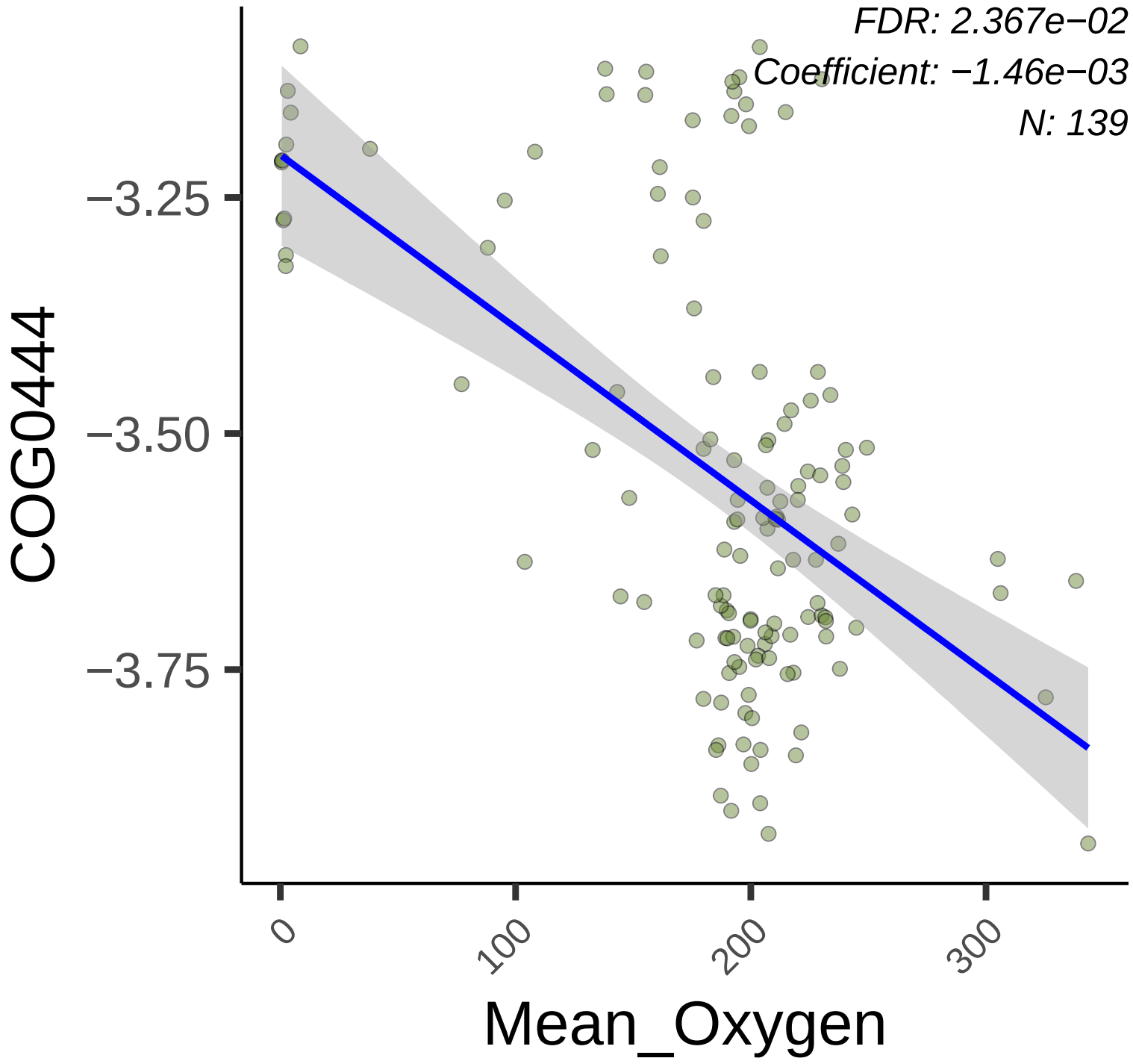
−4.4
−4.8
COG0369
0
100
200
300
Mean_Oxygen


FDR: 2.367e−02
Coefficient: −1.46e−03
N: 139
COG0444
−3.25
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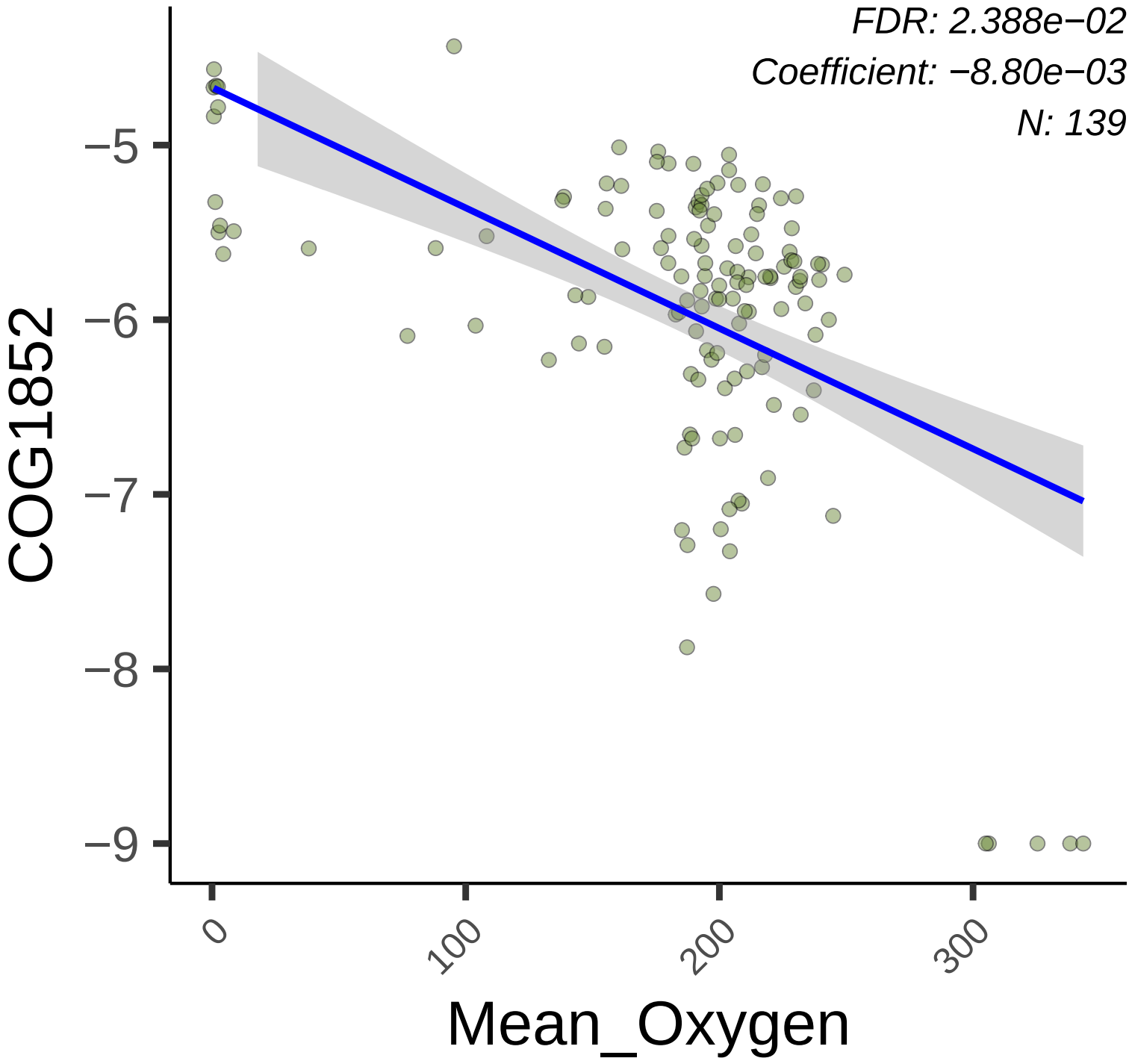
100
200
300
Mean_Oxygen


FDR: 2.388e−02
Coefficient: −8.80e−03
N: 139
COG1852
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−9
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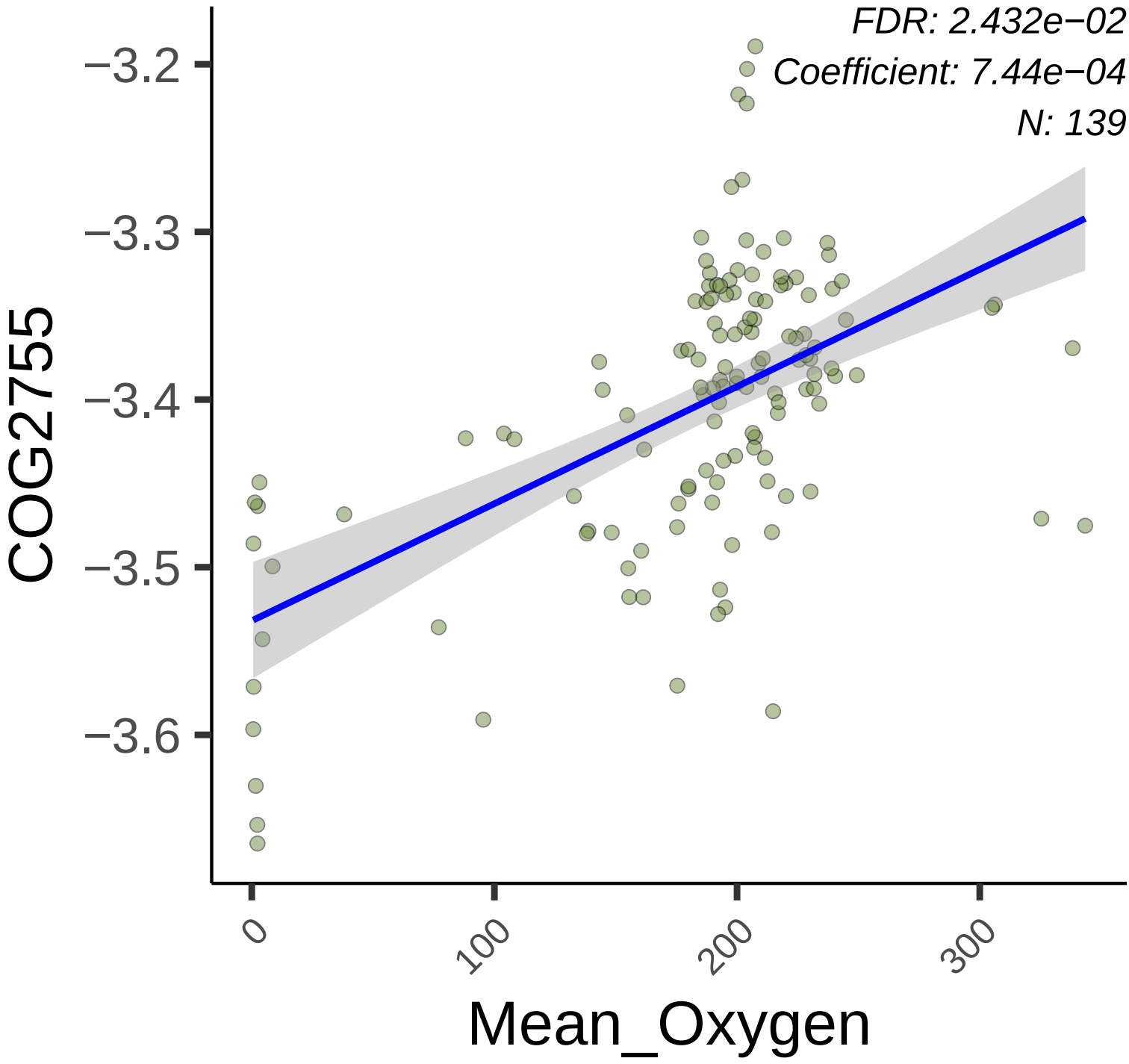
200
300
Mean_Oxygen


FDR: 2.432e−02
Coefficient: 7.44e−04
N: 139
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−3.3
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−3.5
−3.6
COG2755
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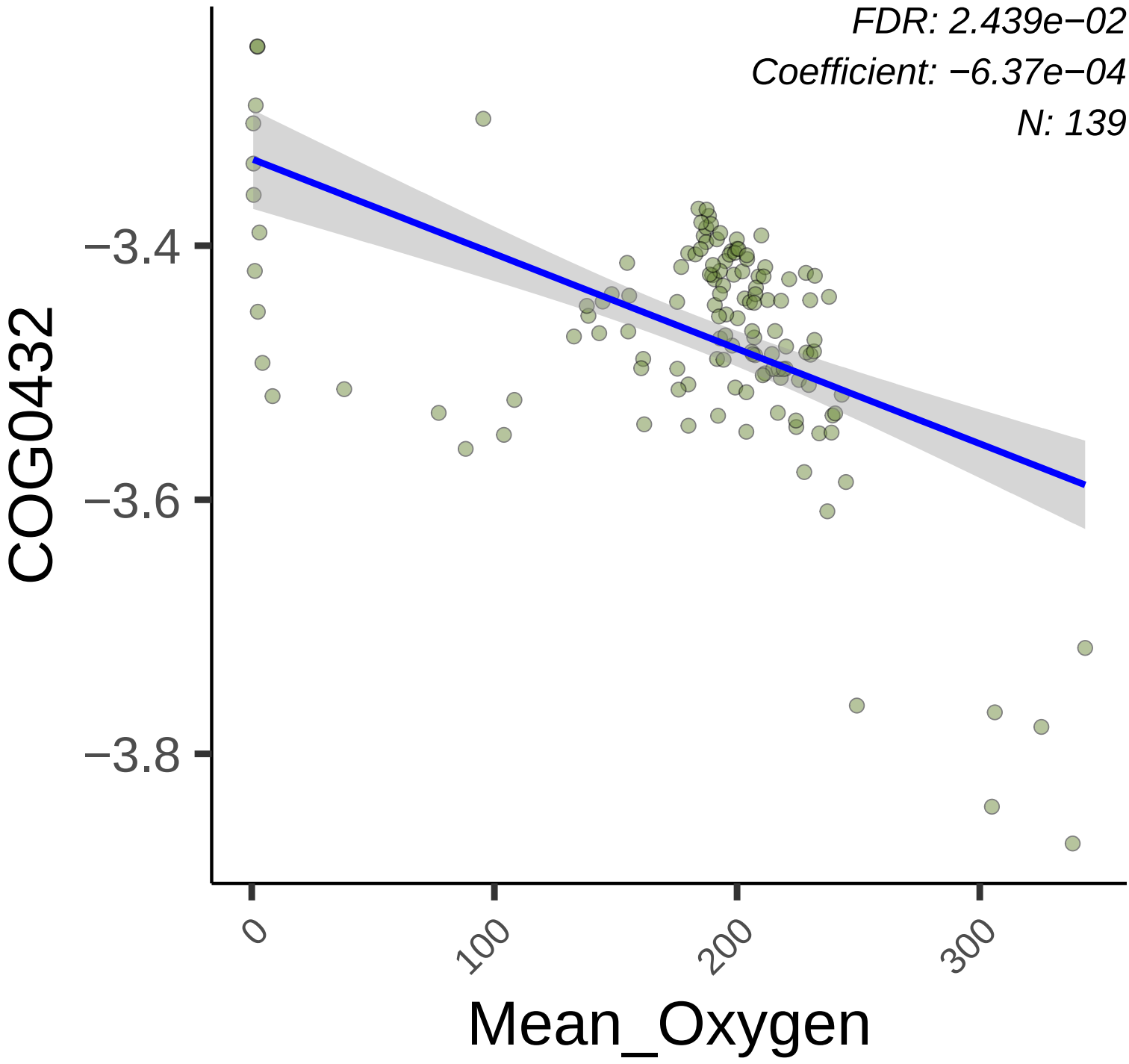
200
300
Mean_Oxygen


FDR: 2.439e−02
Coefficient: −6.37e−04
N: 139
COG0432
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−3.6
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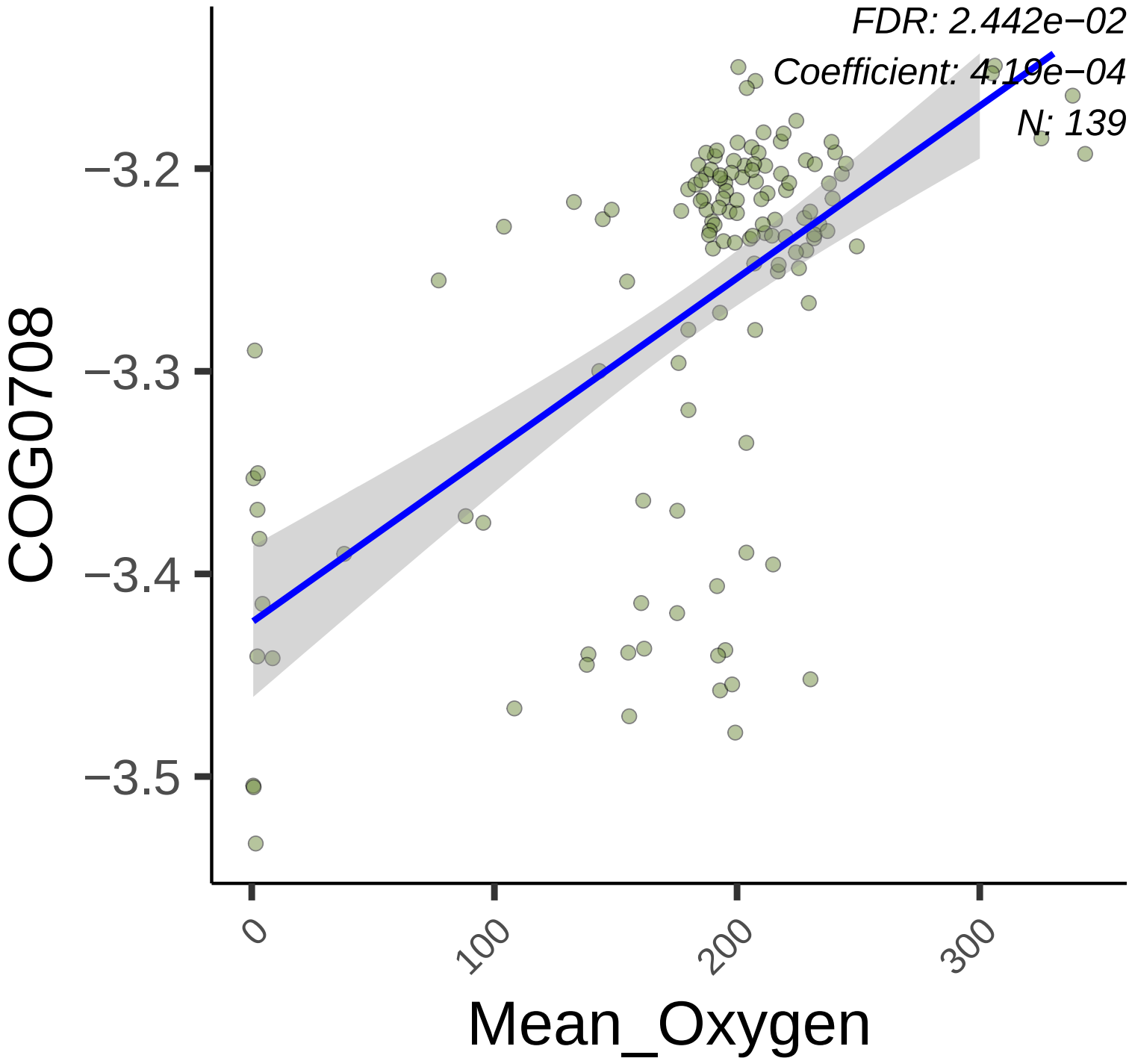
300
Mean_Oxygen


FDR: 2.442e−02
Coefficient: 4.19e−04
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−3.5
COG0708
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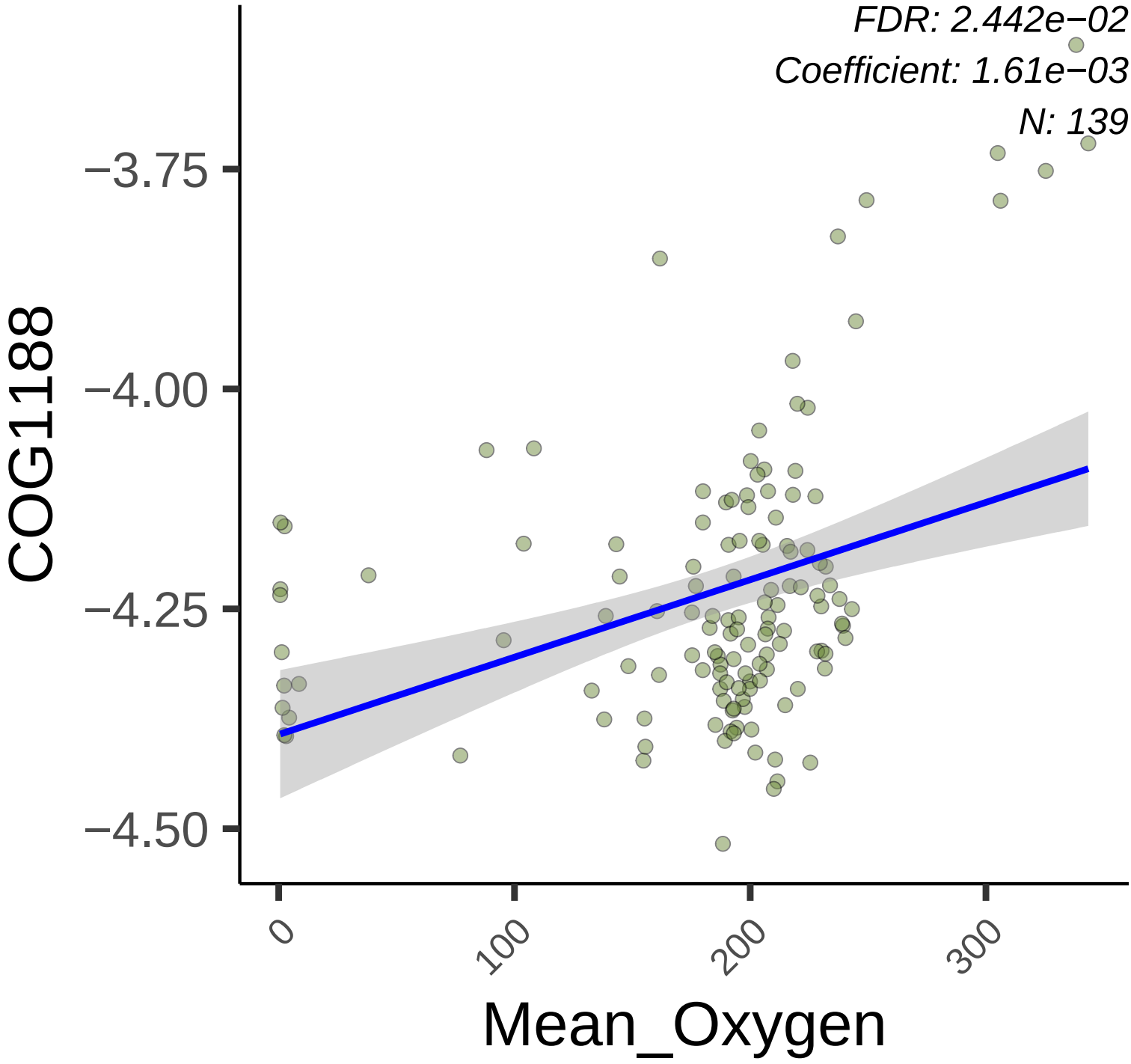
300
Mean_Oxygen


FDR: 2.442e−02
Coefficient: 1.61e−03
N: 139
COG1188
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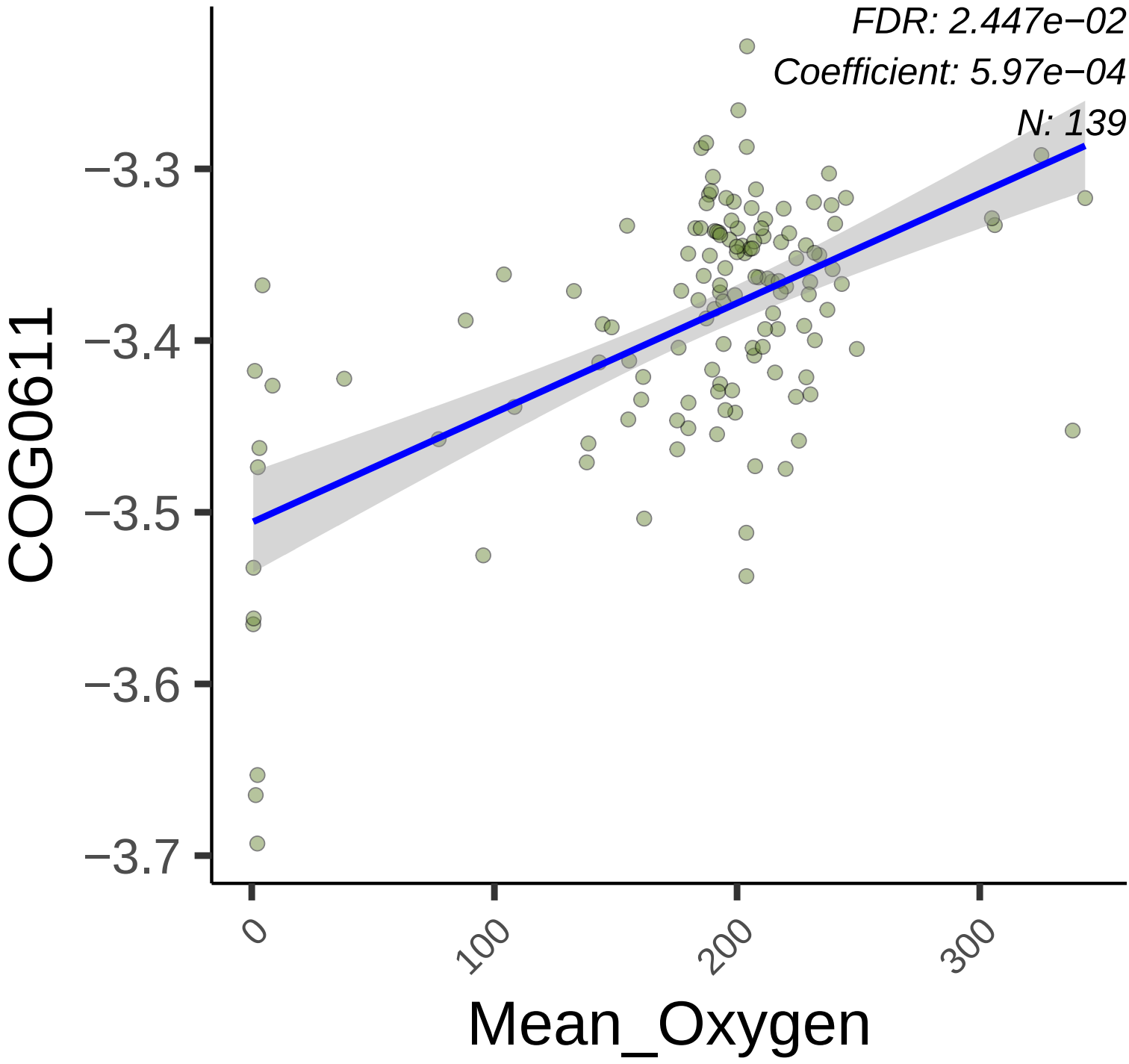
200
300
Mean_Oxygen


FDR: 2.447e−02
Coefficient: 5.97e−04
N: 139
COG0611
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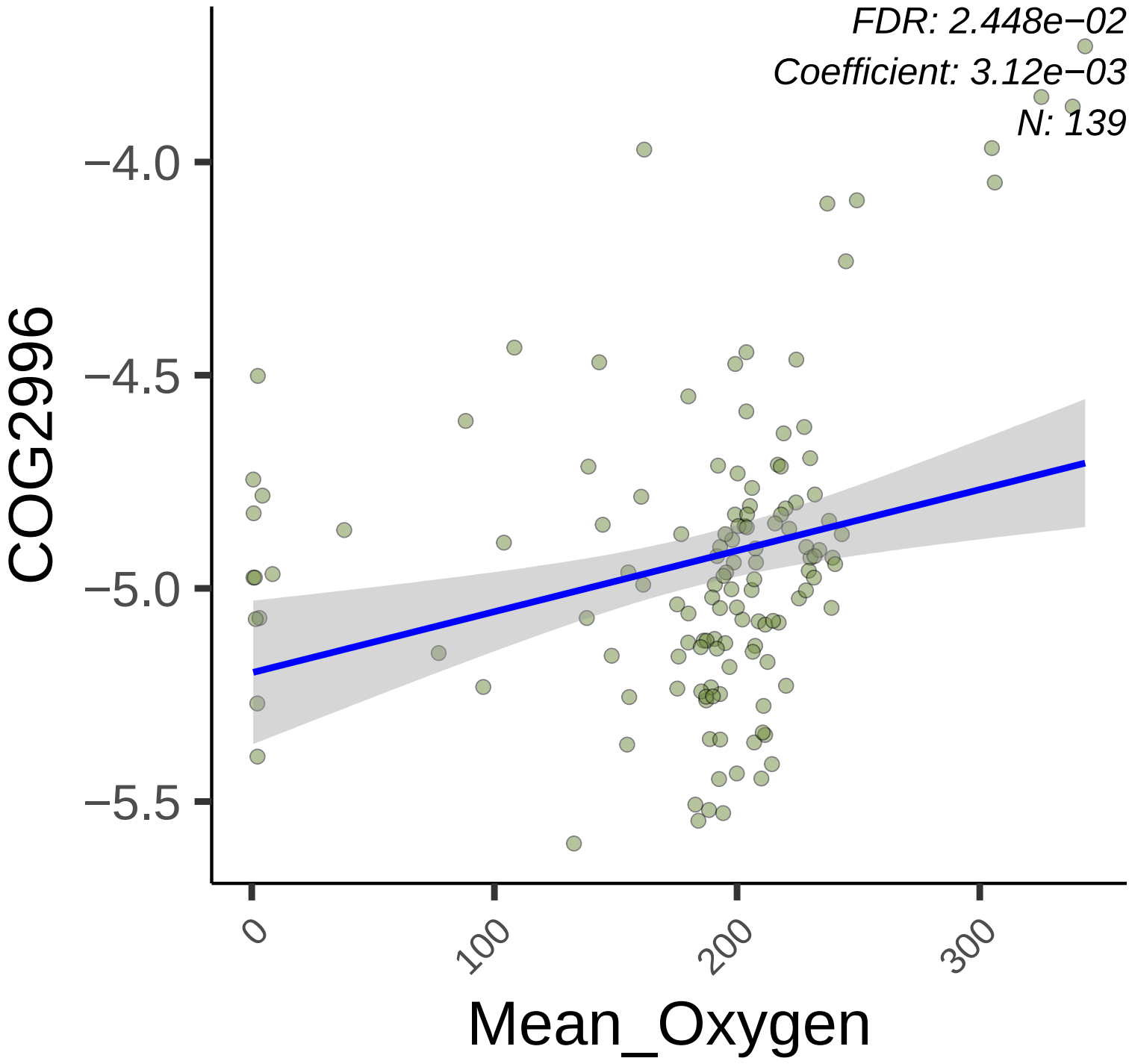
200
300
Mean_Oxygen


FDR: 2.448e−02
Coefficient: 3.12e−03
N: 139
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COG2996
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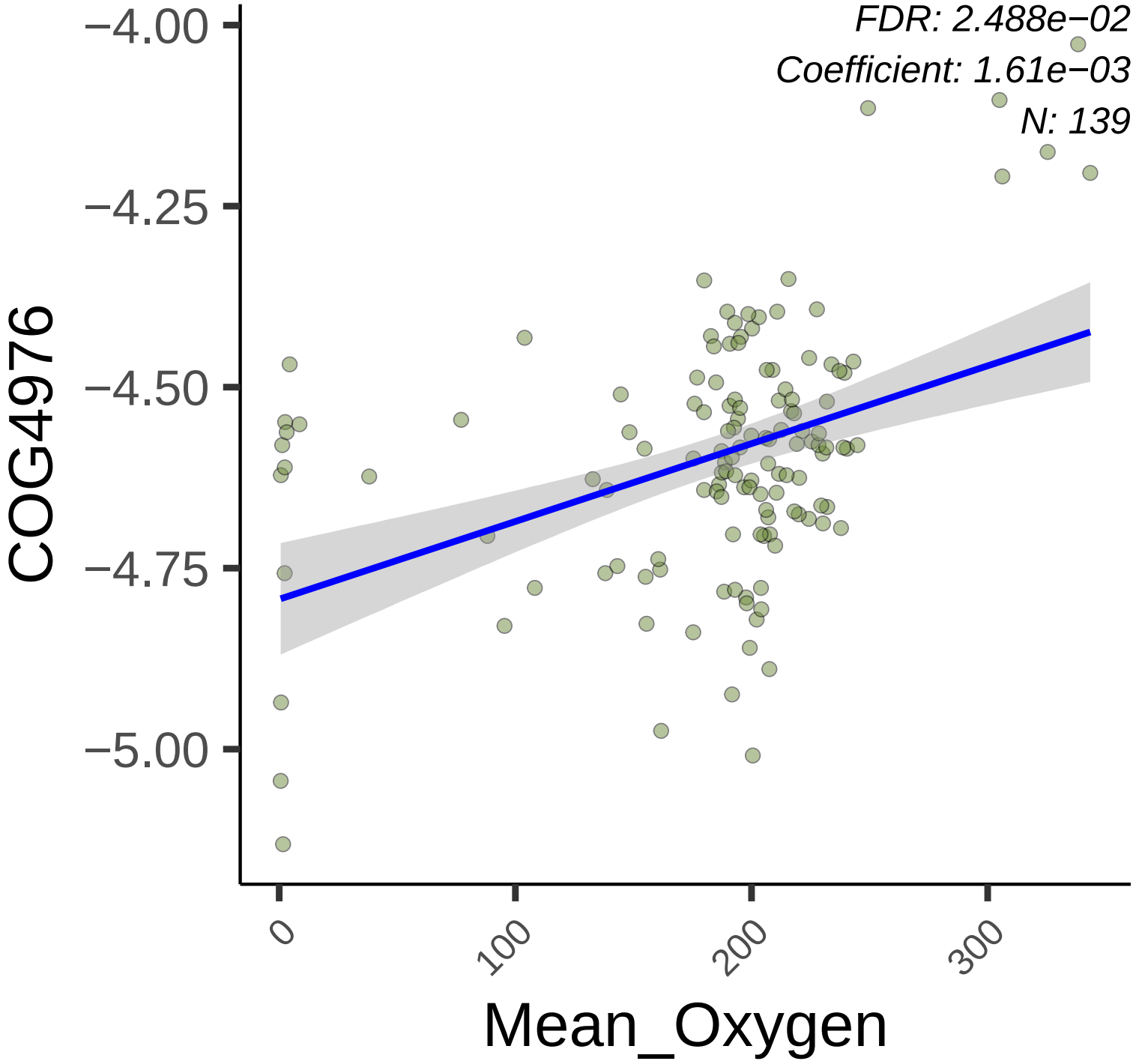
200
300
Mean_Oxygen


FDR: 2.488e−02
Coefficient: 1.61e−03
N: 139
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−5.00
COG4976
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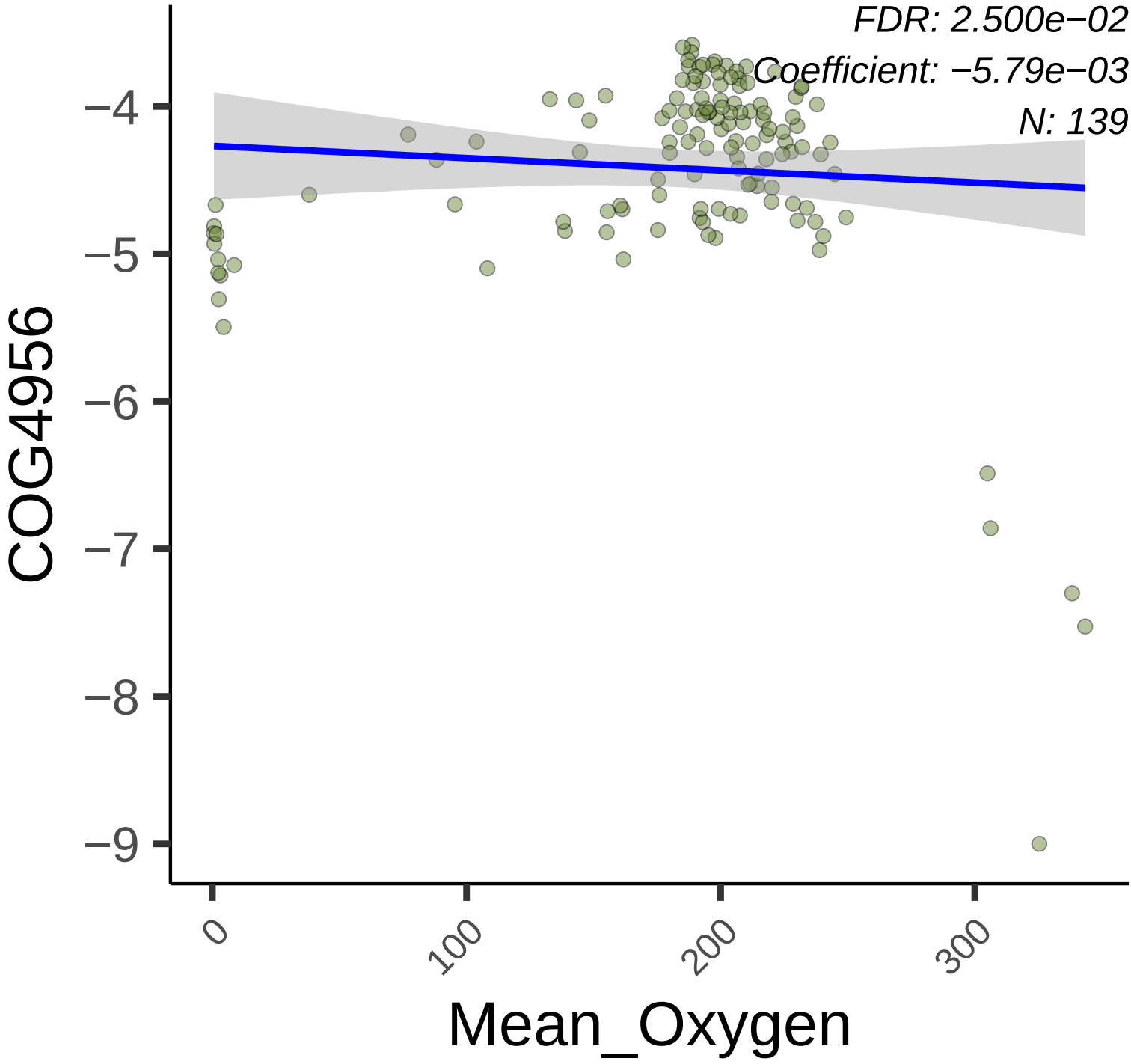
200
300
Mean_Oxygen


FDR: 2.500e−02
Coefficient: −5.79e−03
N: 139
−4
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−6
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−8
−9
COG4956
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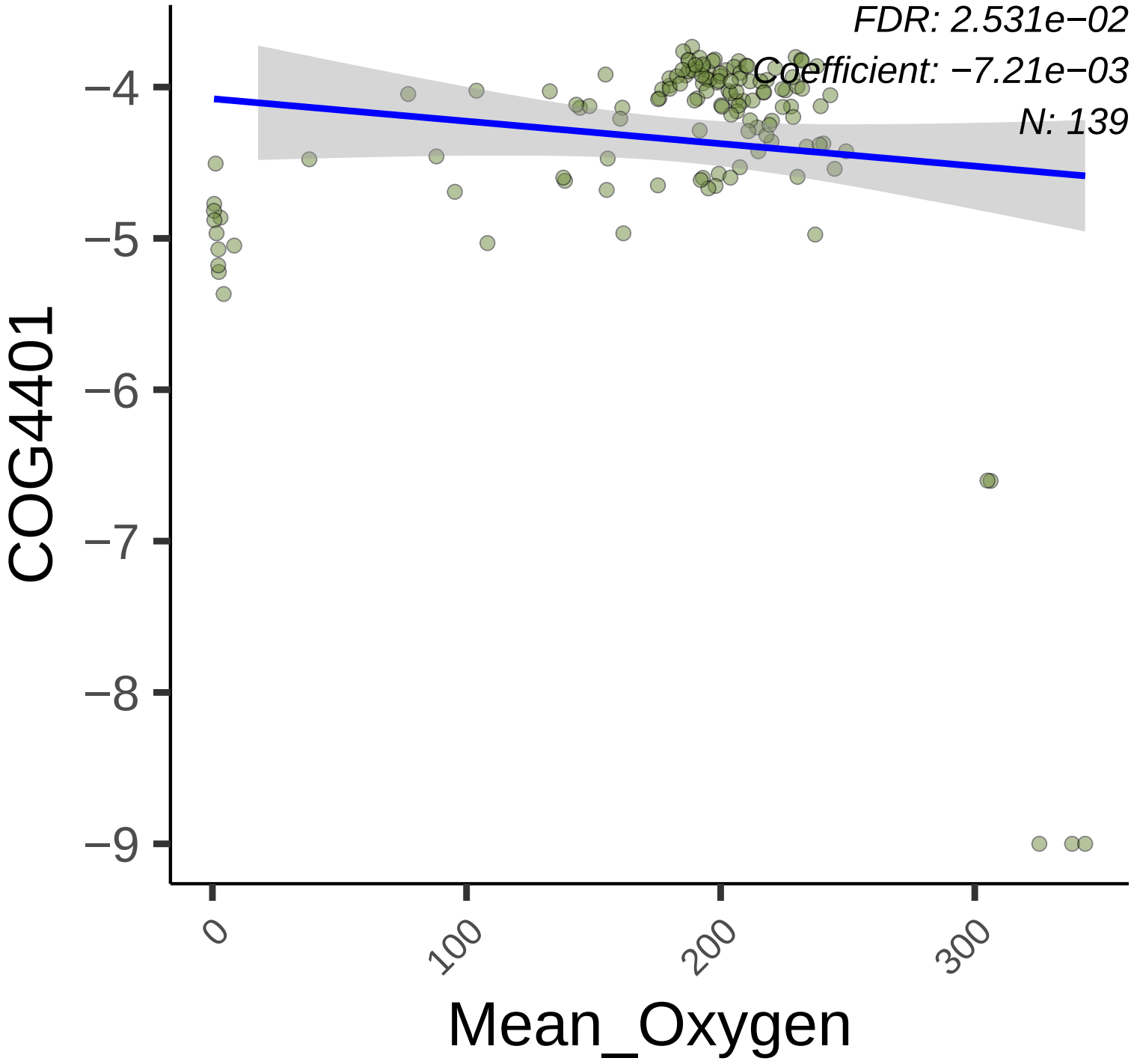
100
200
300
Mean_Oxygen


FDR: 2.531e−02
Coefficient: −7.21e−03
N: 139
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−6
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COG4401
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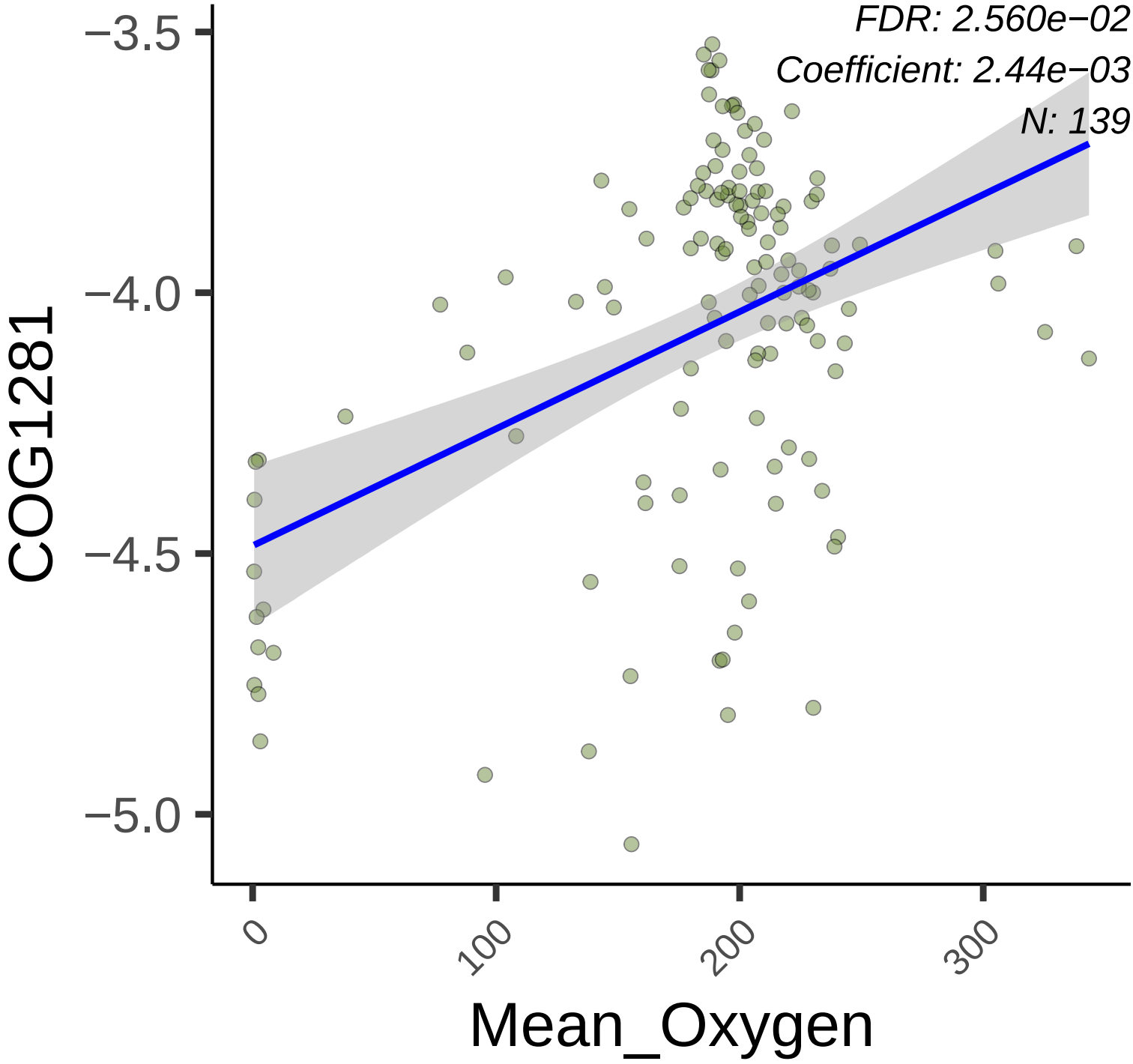
100
200
300
Mean_Oxygen


FDR: 2.560e−02
Coefficient: 2.44e−03
N: 139
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COG1281
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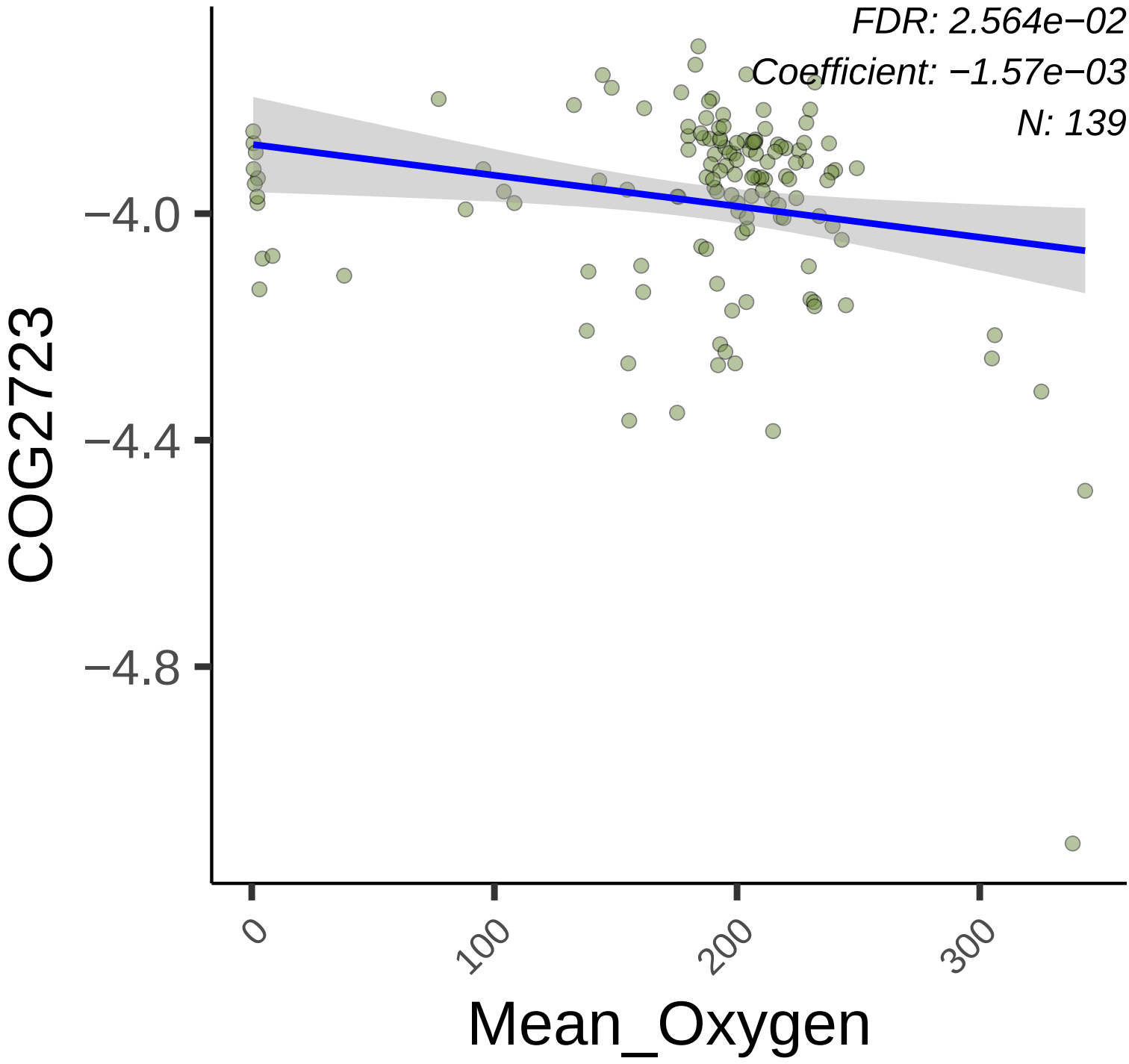
200
300
Mean_Oxygen


FDR: 2.564e−02
Coefficient: −1.57e−03
N: 139
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COG2723
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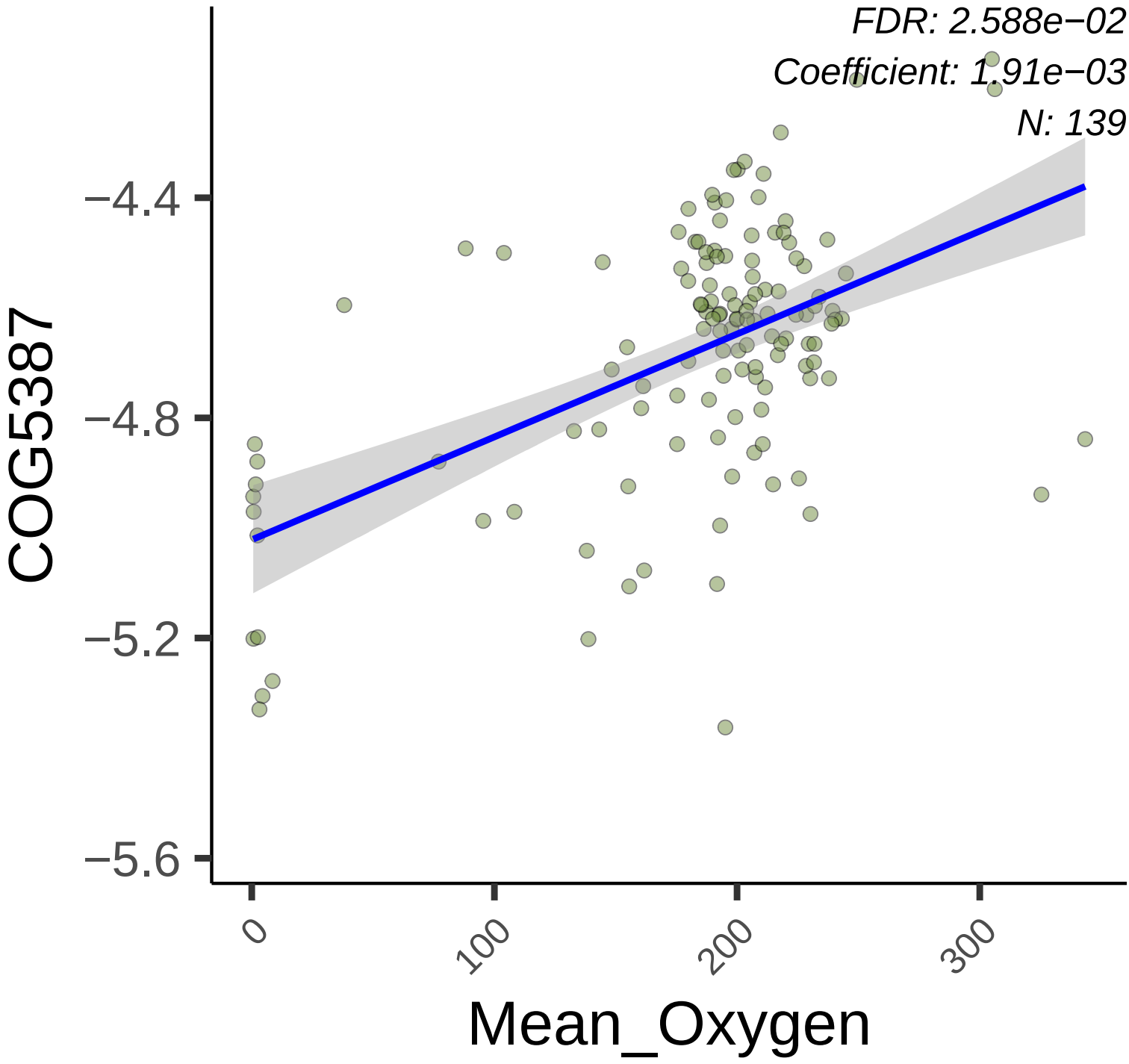
200
300
Mean_Oxygen


FDR: 2.588e−02
Coefficient: 1.91e−03
N: 139
COG5387
−4.4
−4.8
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−5.6
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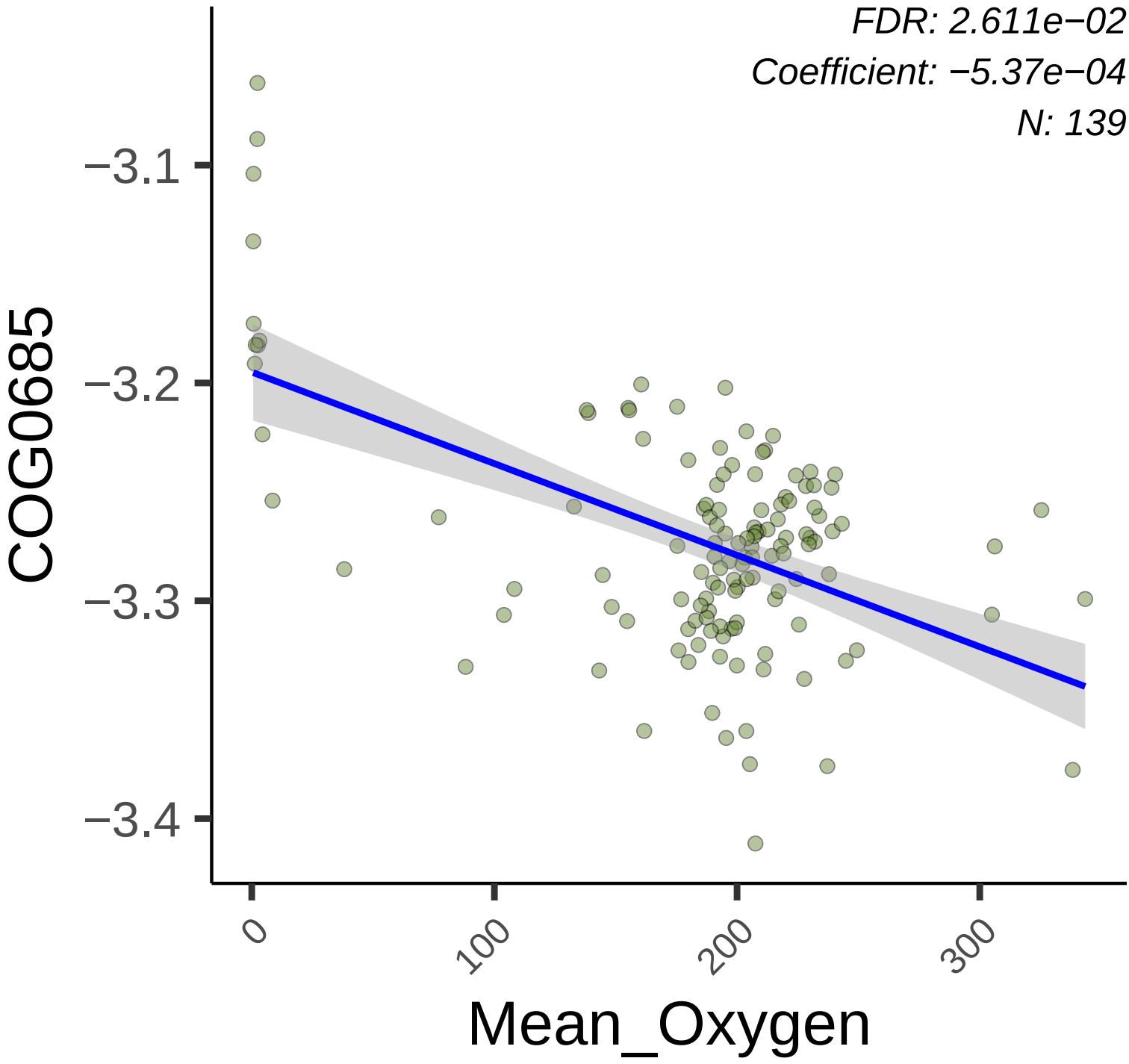
100
200
300
Mean_Oxygen


FDR: 2.611e−02
Coefficient: −5.37e−04
N: 139
COG0685
−3.1
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−3.3
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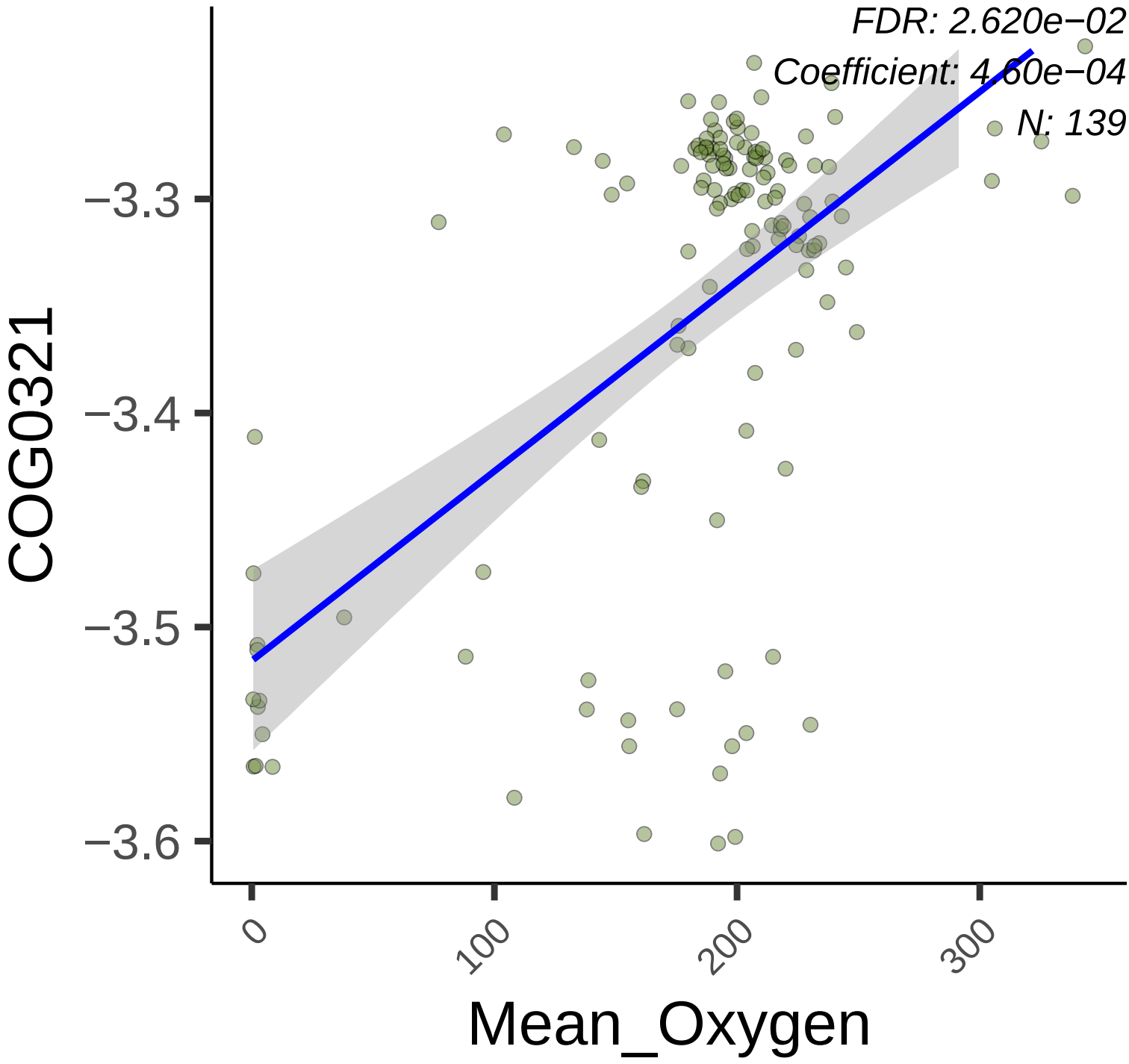
100
200
300
Mean_Oxygen


FDR: 2.620e−02
Coefficient: 4.60e−04
N: 139
−3.3
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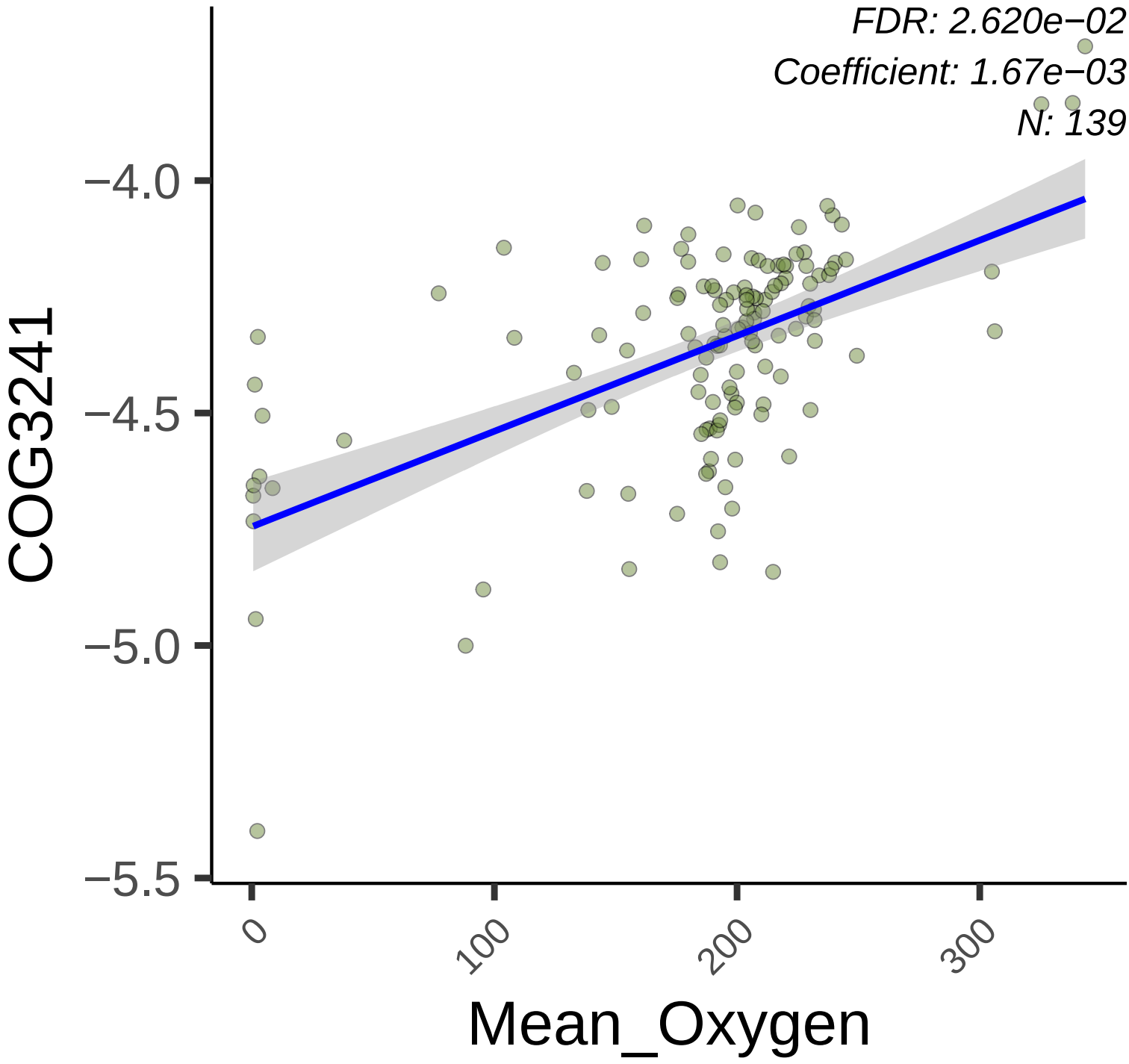
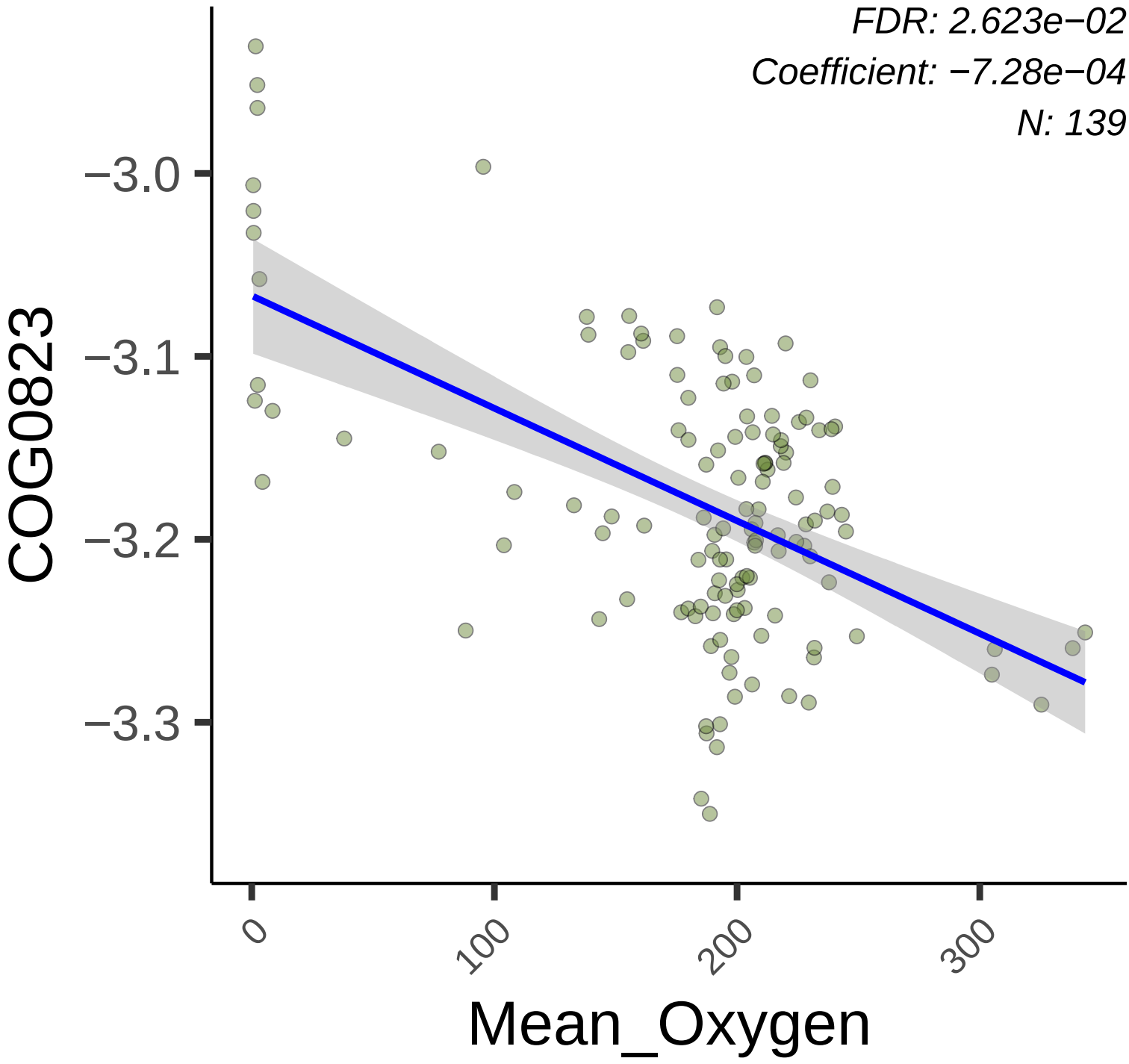
−3.5
−3.6
COG0321
0
100
200
300
Mean_Oxygen


FDR: 2.620e−02
Coefficient: 1.67e−03
N: 139
−4.0
−4.5
−5.0
−5.5
COG3241
0
100
200
300
Mean_Oxygen


FDR: 2.623e−02
Coefficient: −7.28e−04
N: 139
COG0823
−3.0
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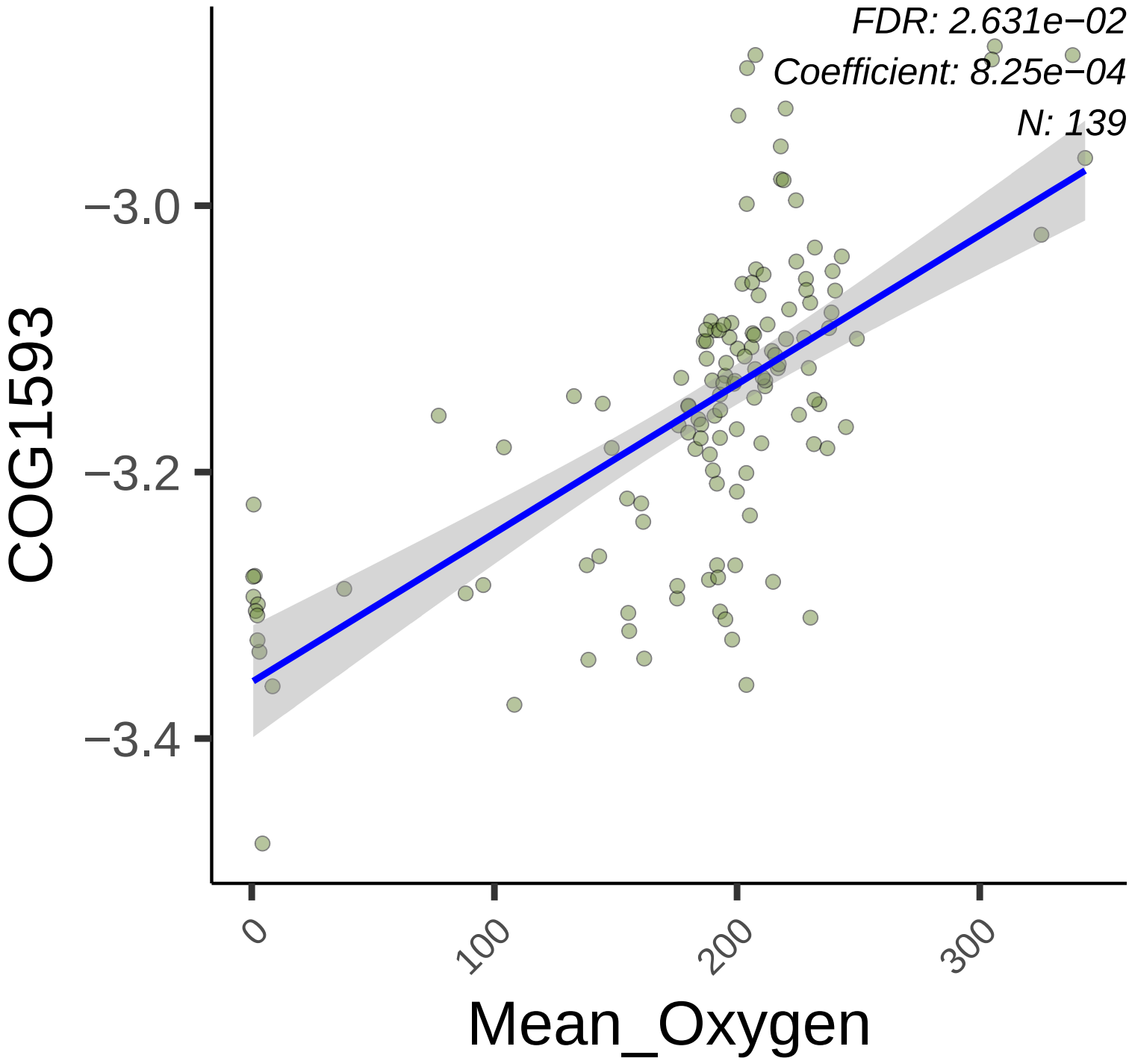
Mean_Oxygen


FDR: 2.631e−02
Coefficient: 8.25e−04
N: 139
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COG1593
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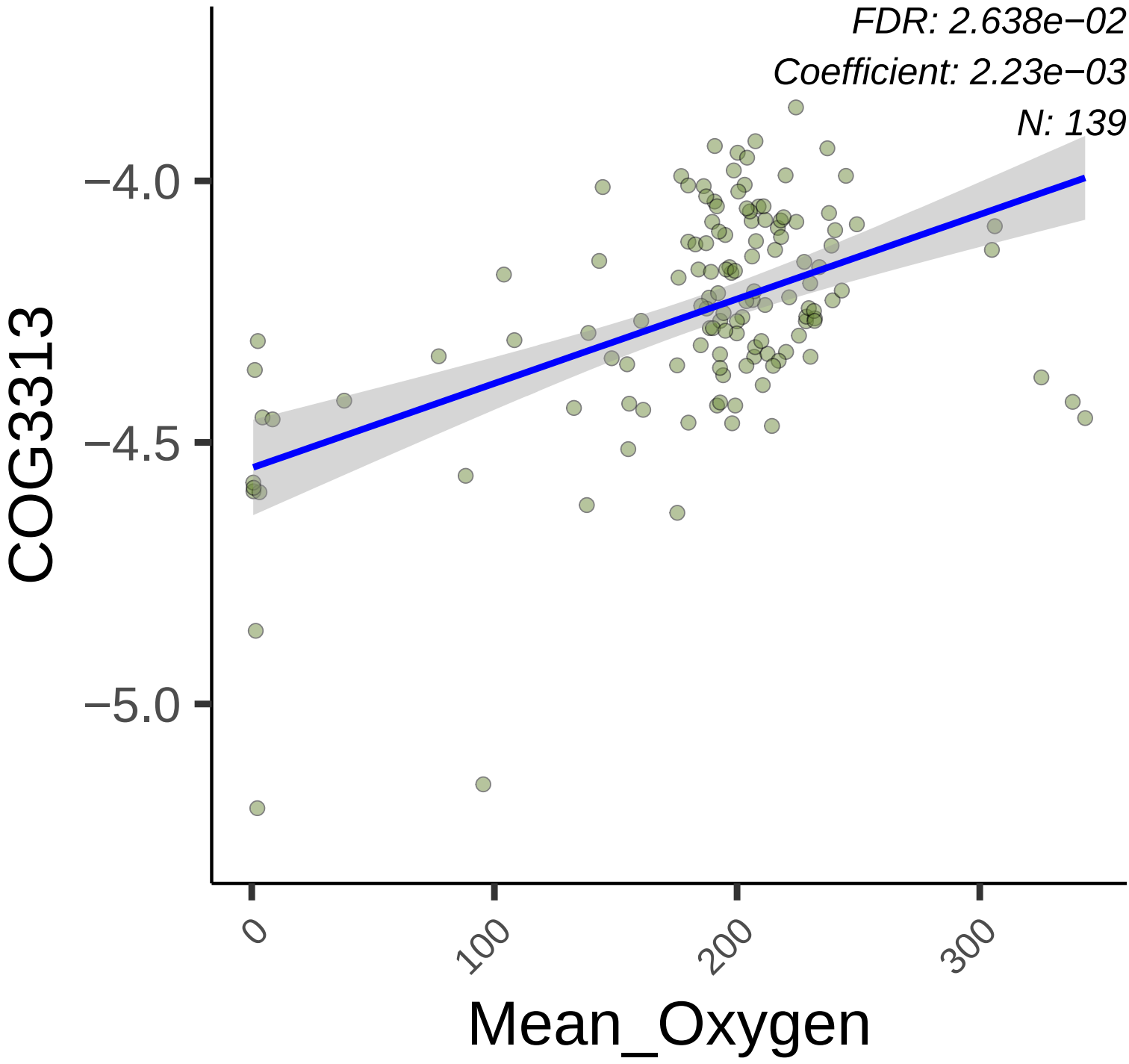
Mean_Oxygen


FDR: 2.638e−02
Coefficient: 2.23e−03
N: 139
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COG3313
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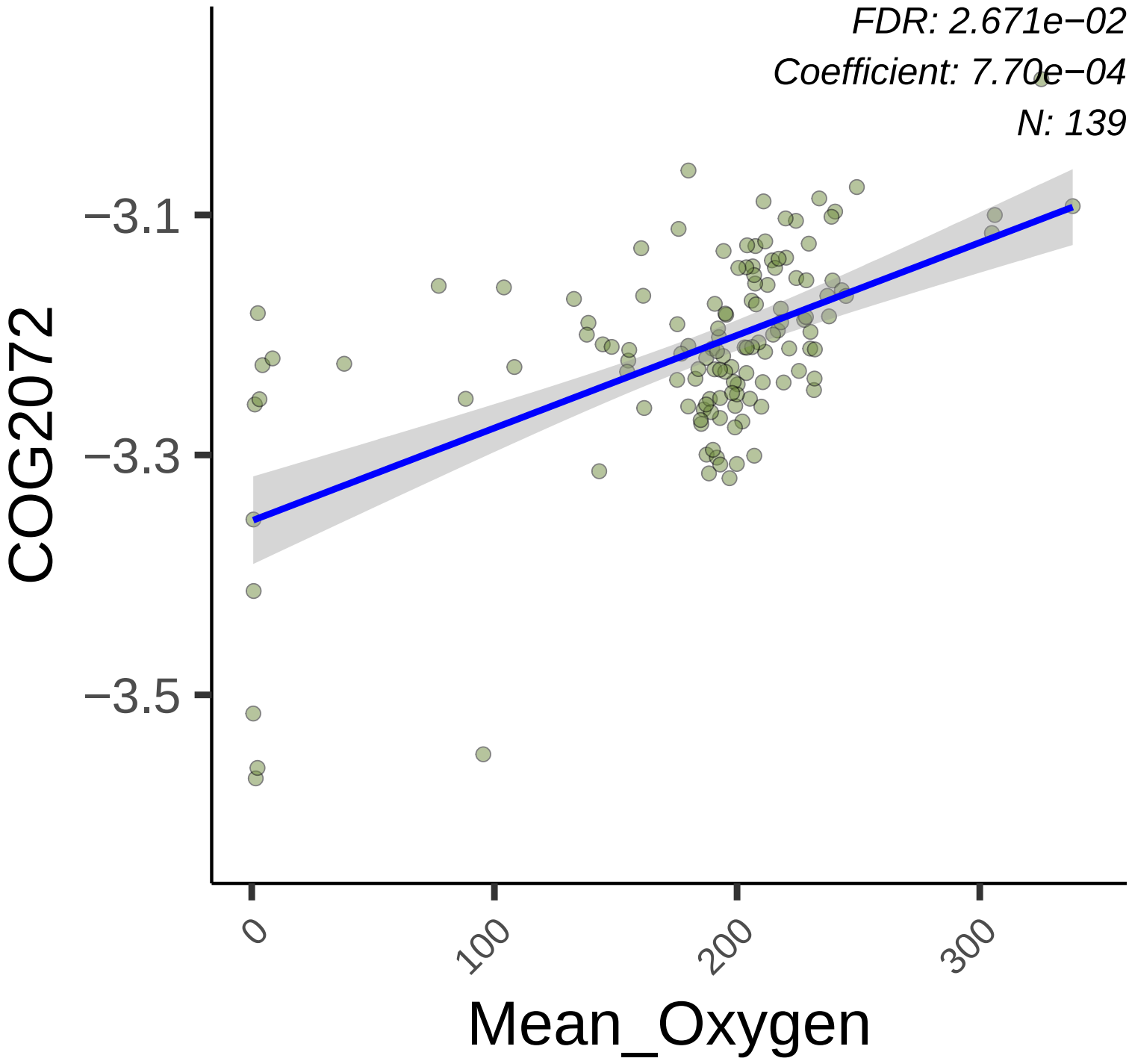
300
Mean_Oxygen


FDR: 2.671e−02
Coefficient: 7.70e−04
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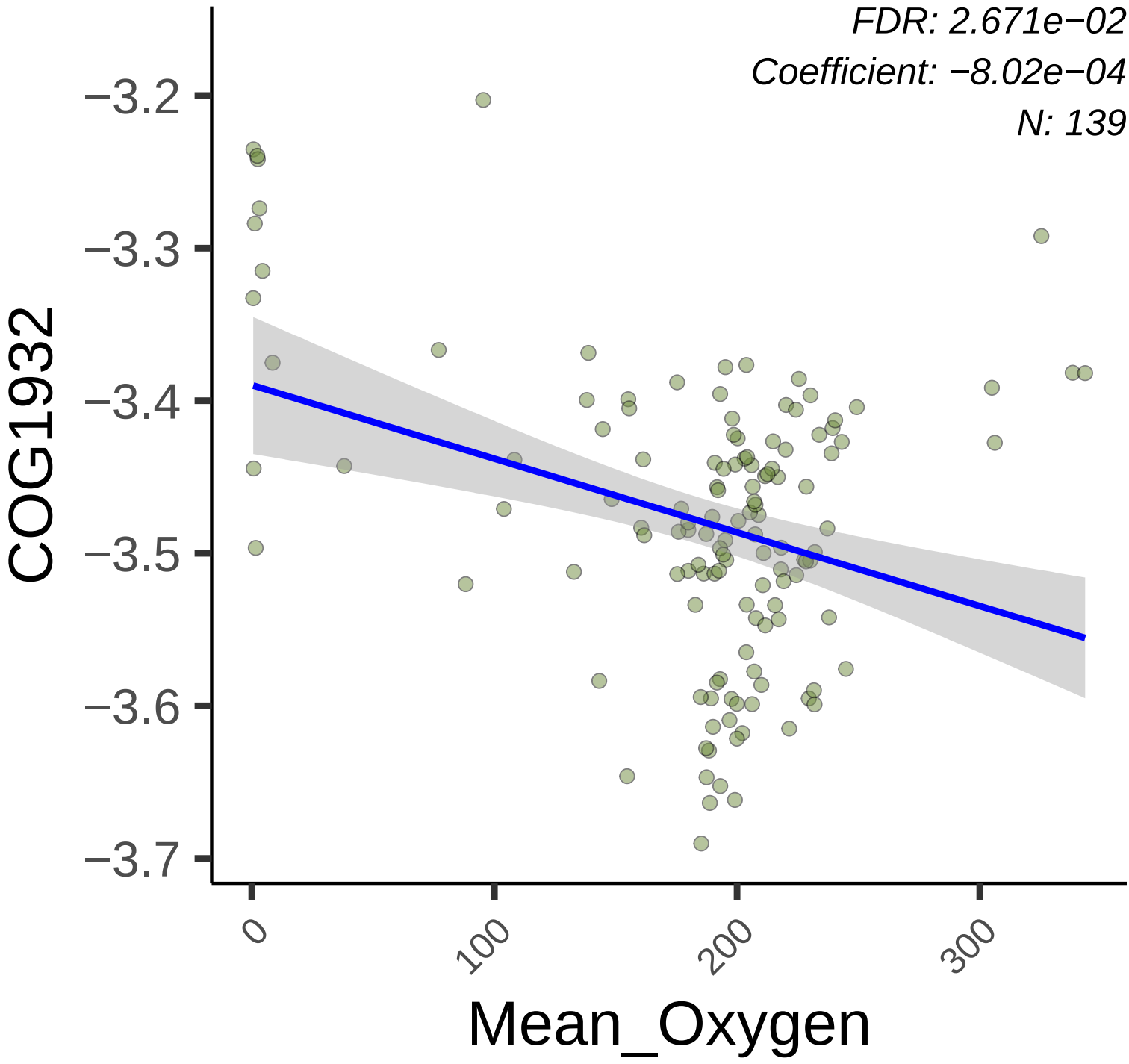
Mean_Oxygen


FDR: 2.671e−02
Coefficient: −8.02e−04
N: 139
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−3.5
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COG1932
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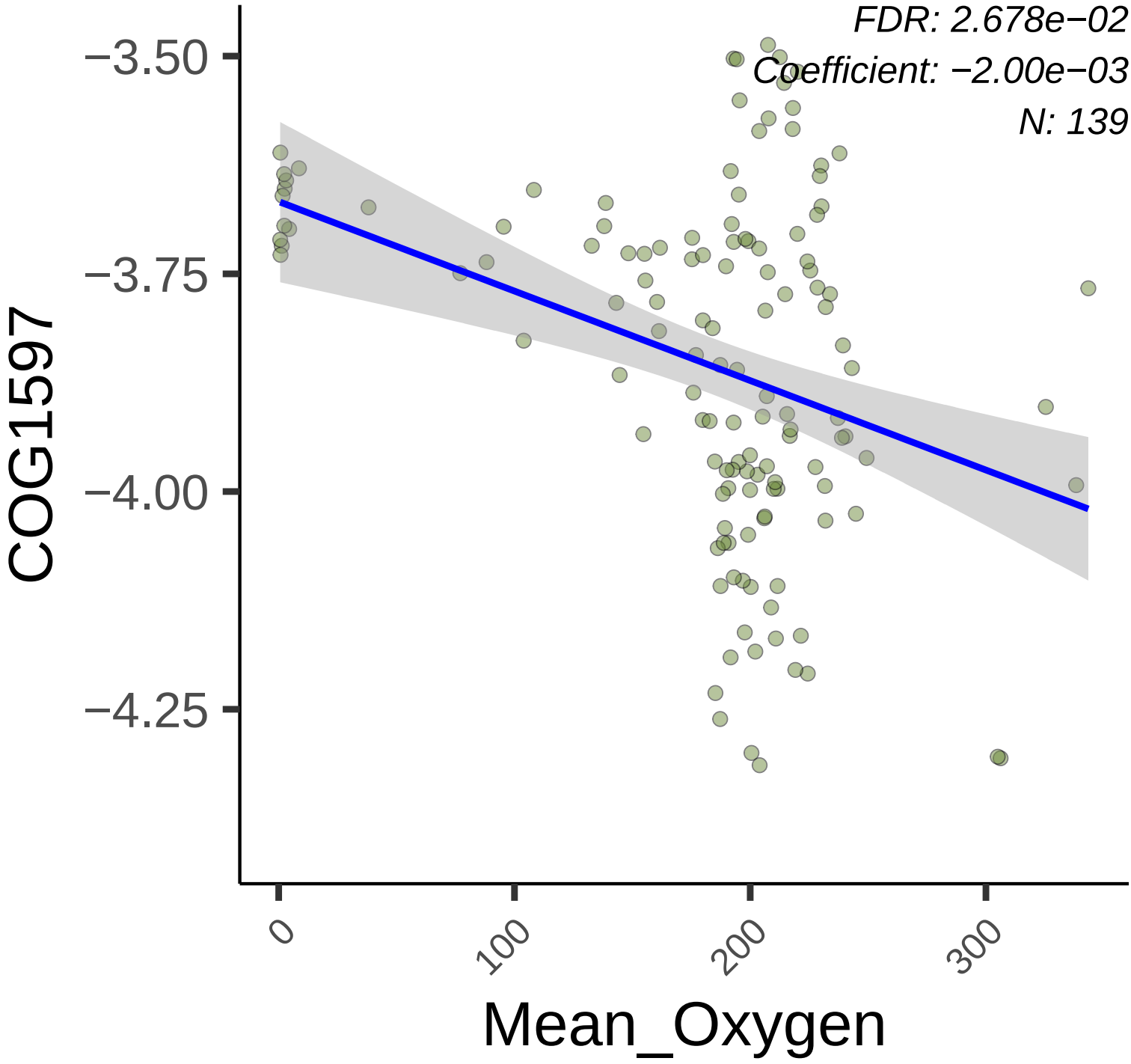
Mean_Oxygen


FDR: 2.678e−02
Coefficient: −2.00e−03
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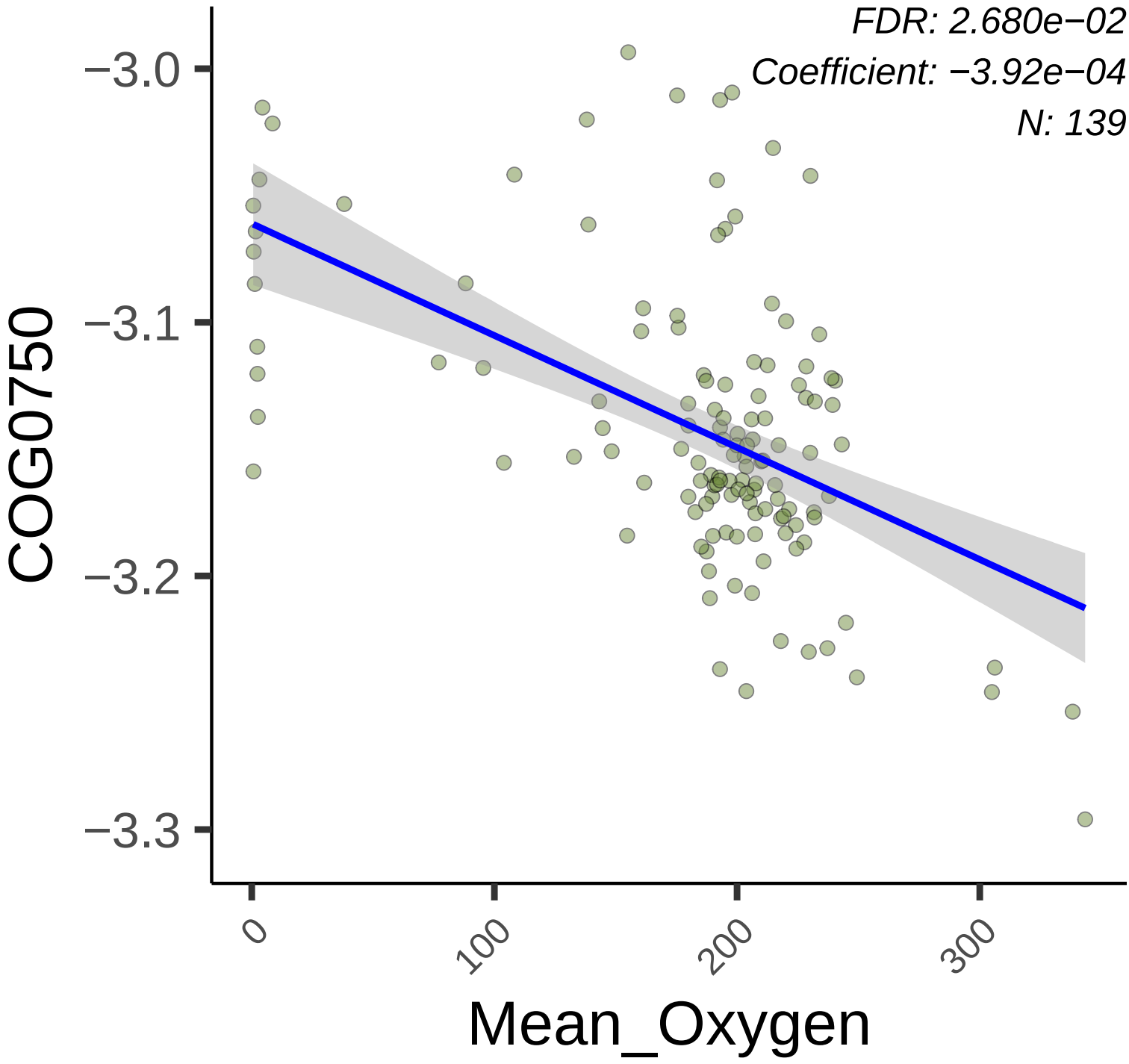
Mean_Oxygen


FDR: 2.680e−02
Coefficient: −3.92e−04
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COG0750
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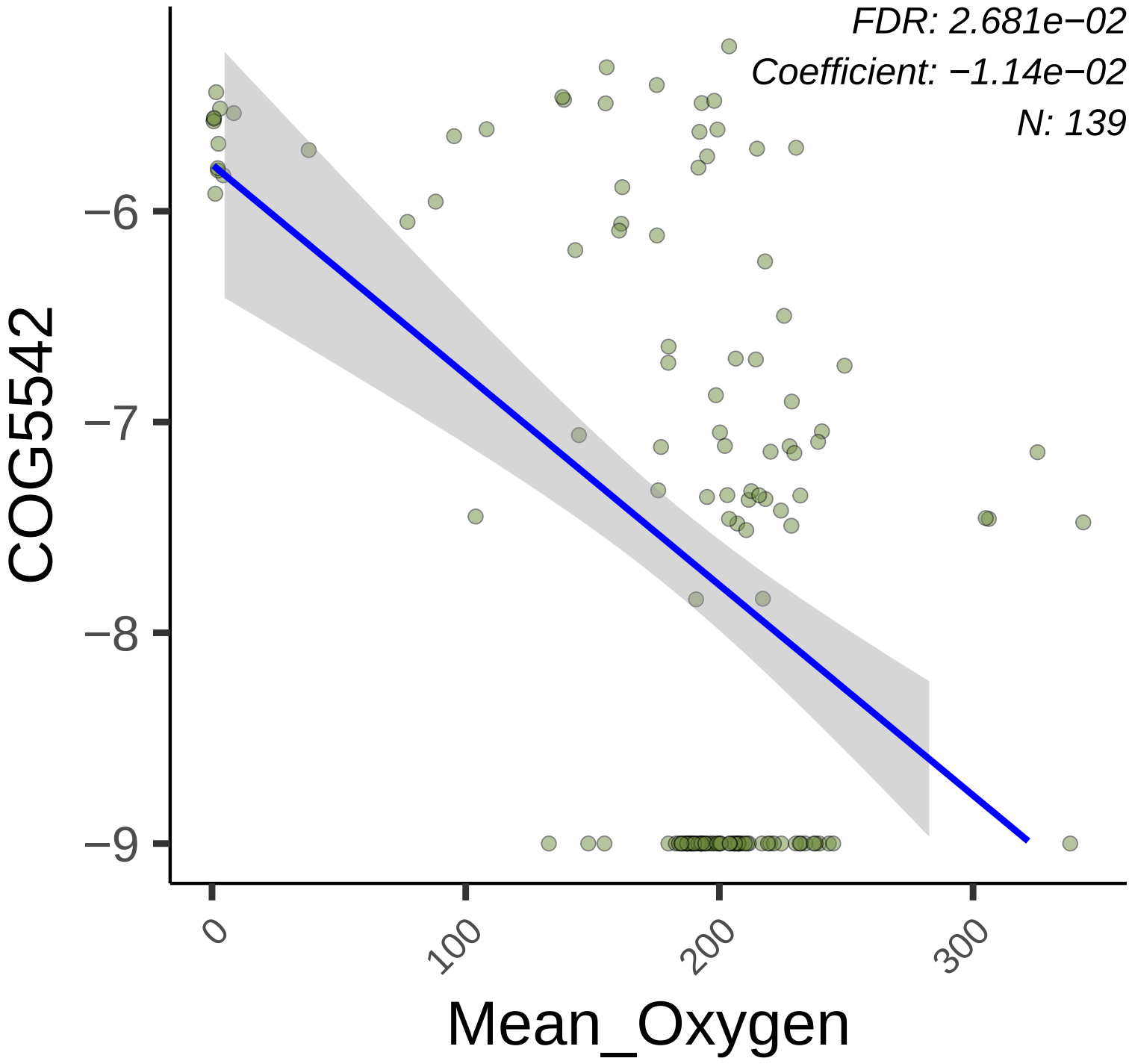
Mean_Oxygen


FDR: 2.681e−02
Coefficient: −1.14e−02
N: 139
COG5542
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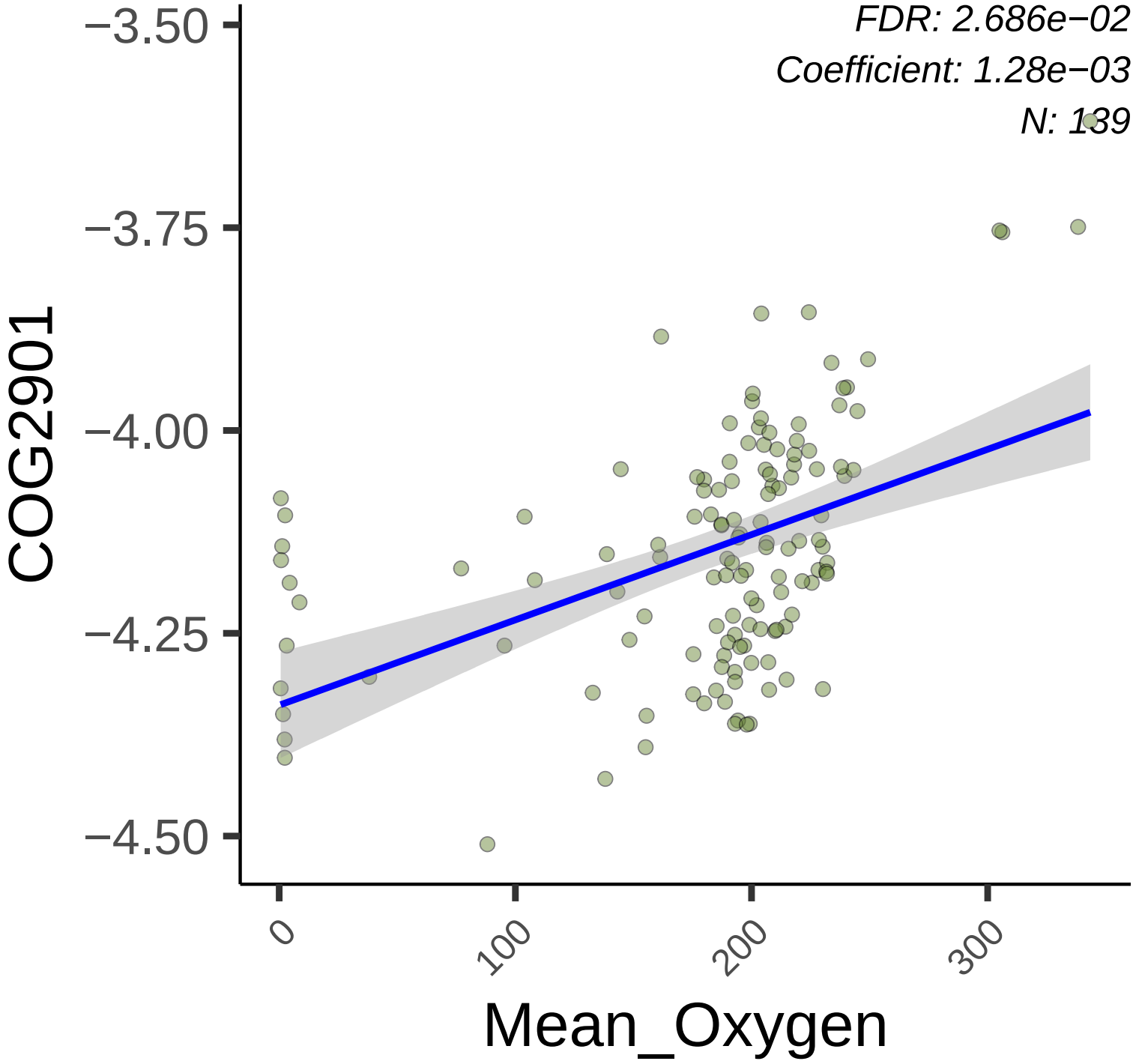
Mean_Oxygen


FDR: 2.686e−02
Coefficient: 1.28e−03
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COG2901
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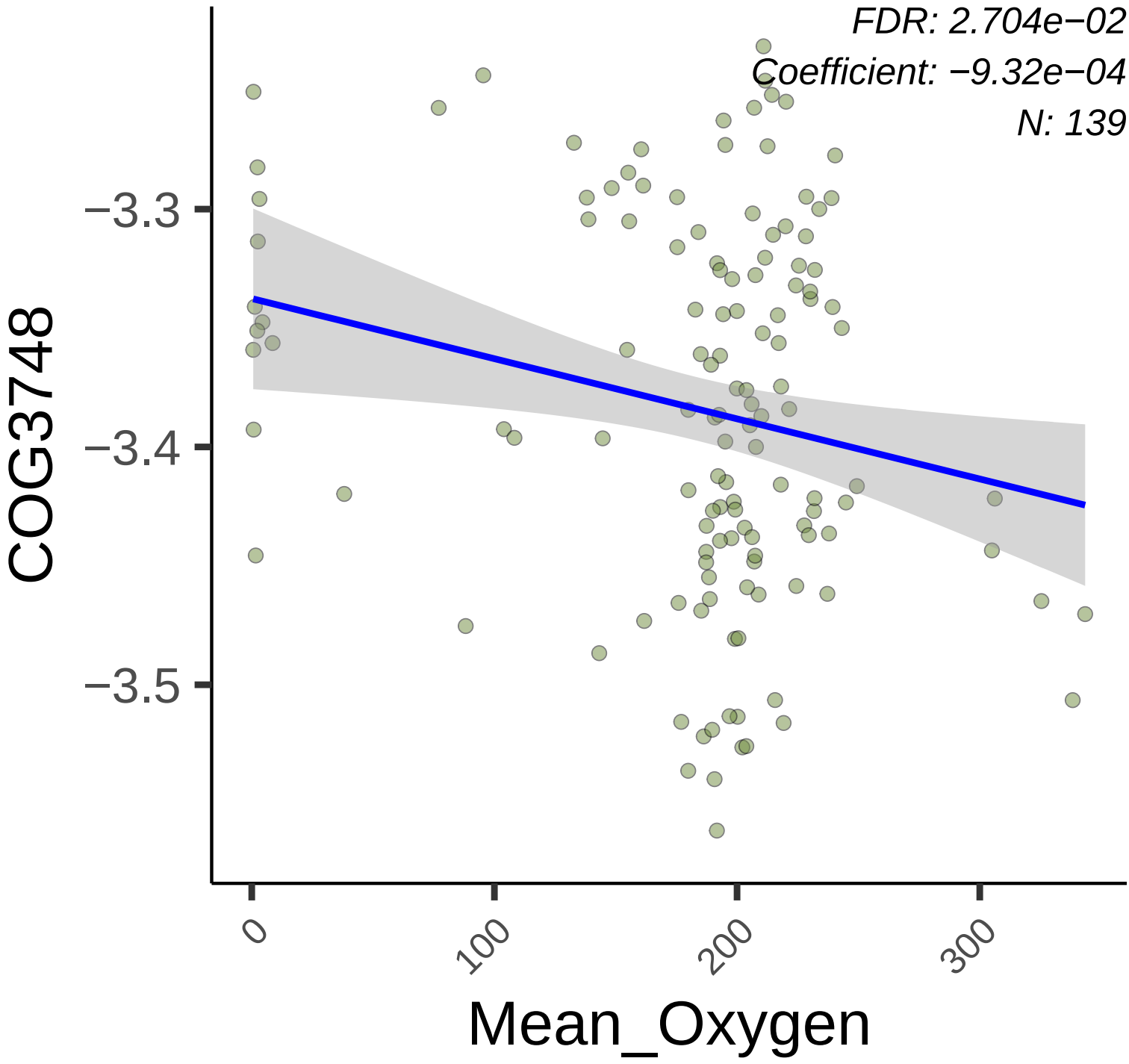
Mean_Oxygen


FDR: 2.704e−02
Coefficient: −9.32e−04
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COG3748
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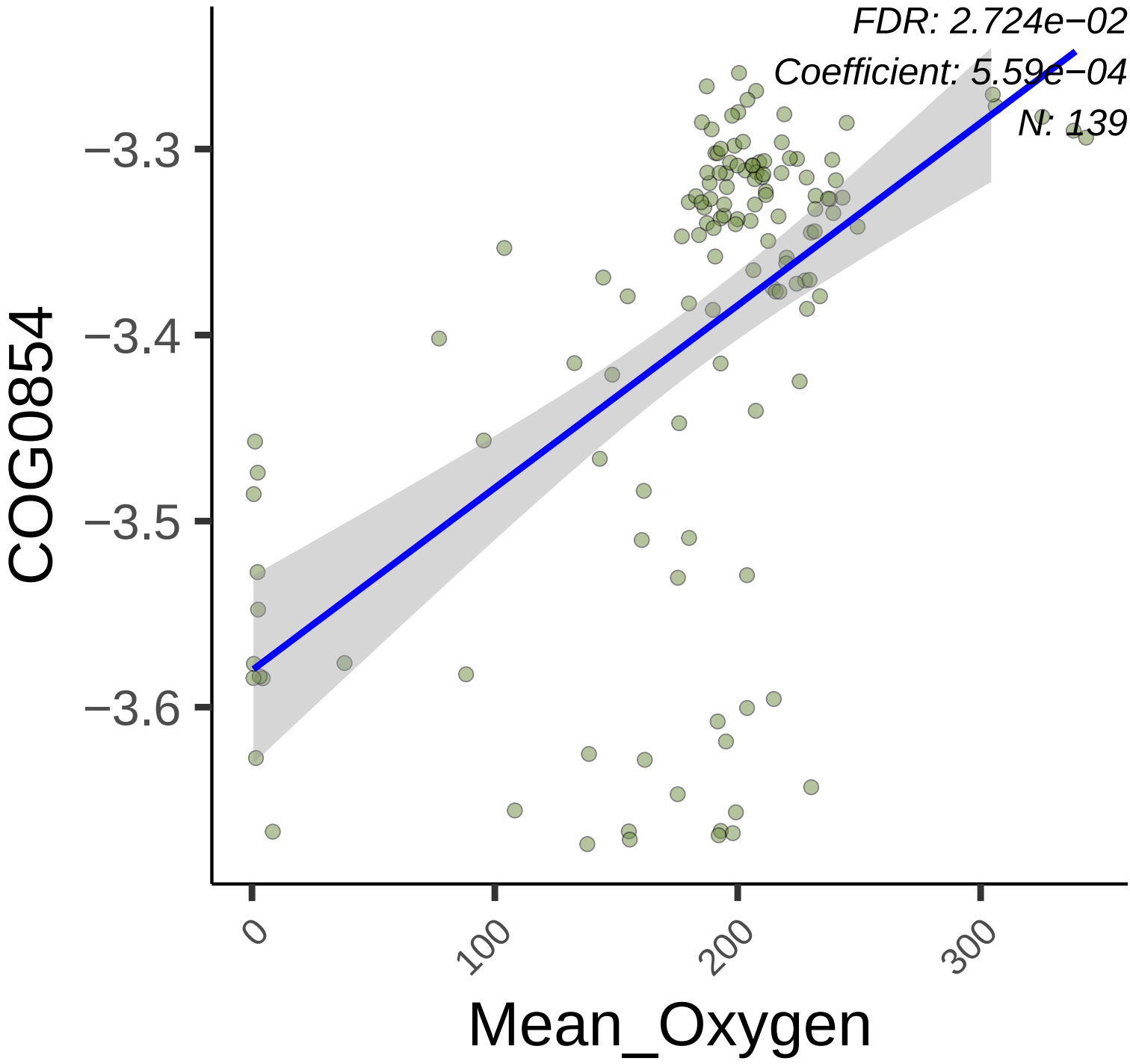
300
Mean_Oxygen


FDR: 2.724e−02
Coefficient: 5.59e−04
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−3.6
COG0854
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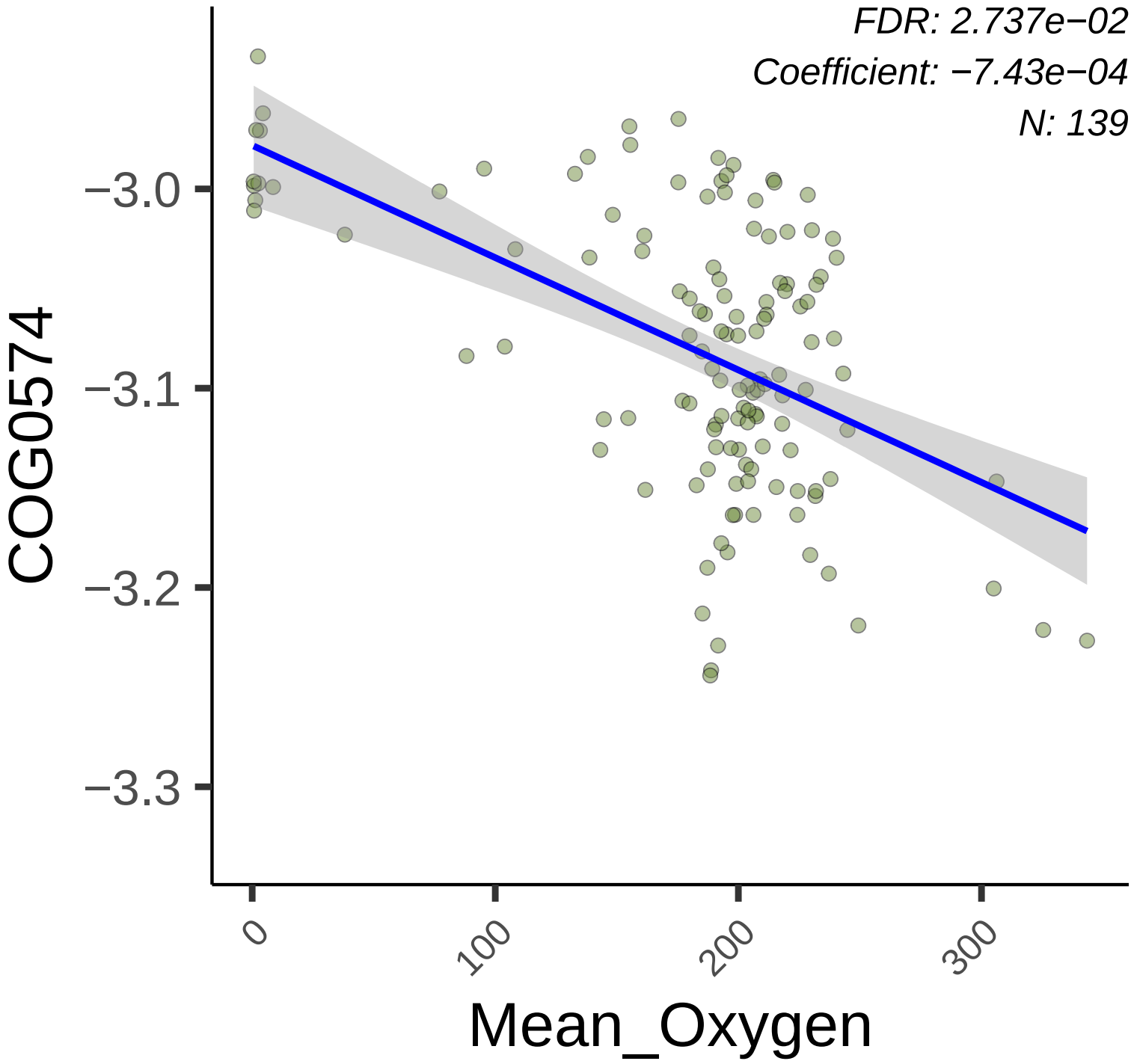
200
300
Mean_Oxygen


FDR: 2.737e−02
Coefficient: −7.43e−04
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COG0574
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−3.3
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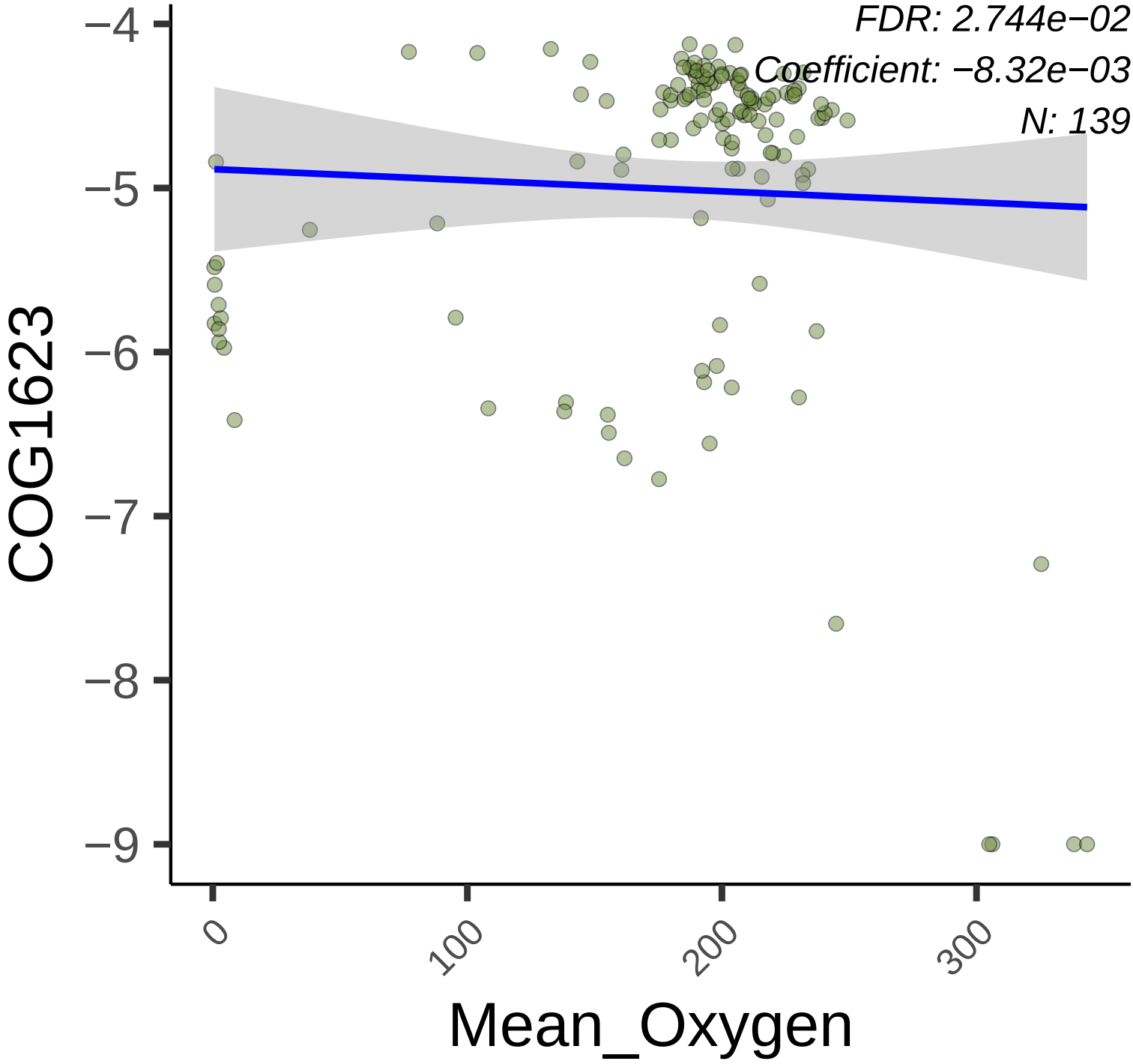
300
Mean_Oxygen


FDR: 2.744e−02
Coefficient: −8.32e−03
N: 139
−4
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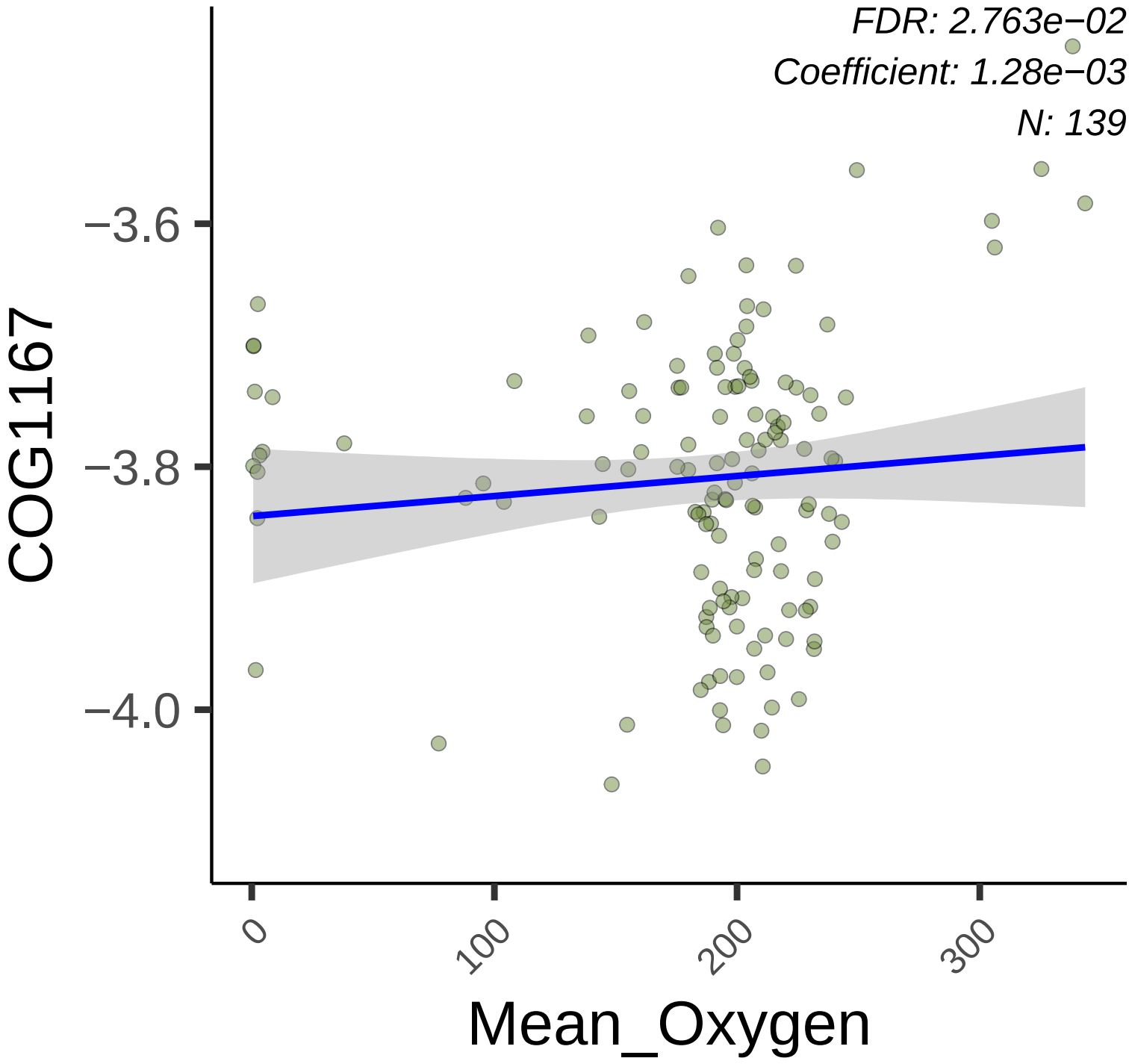
300
Mean_Oxygen


FDR: 2.763e−02
Coefficient: 1.28e−03
N: 139
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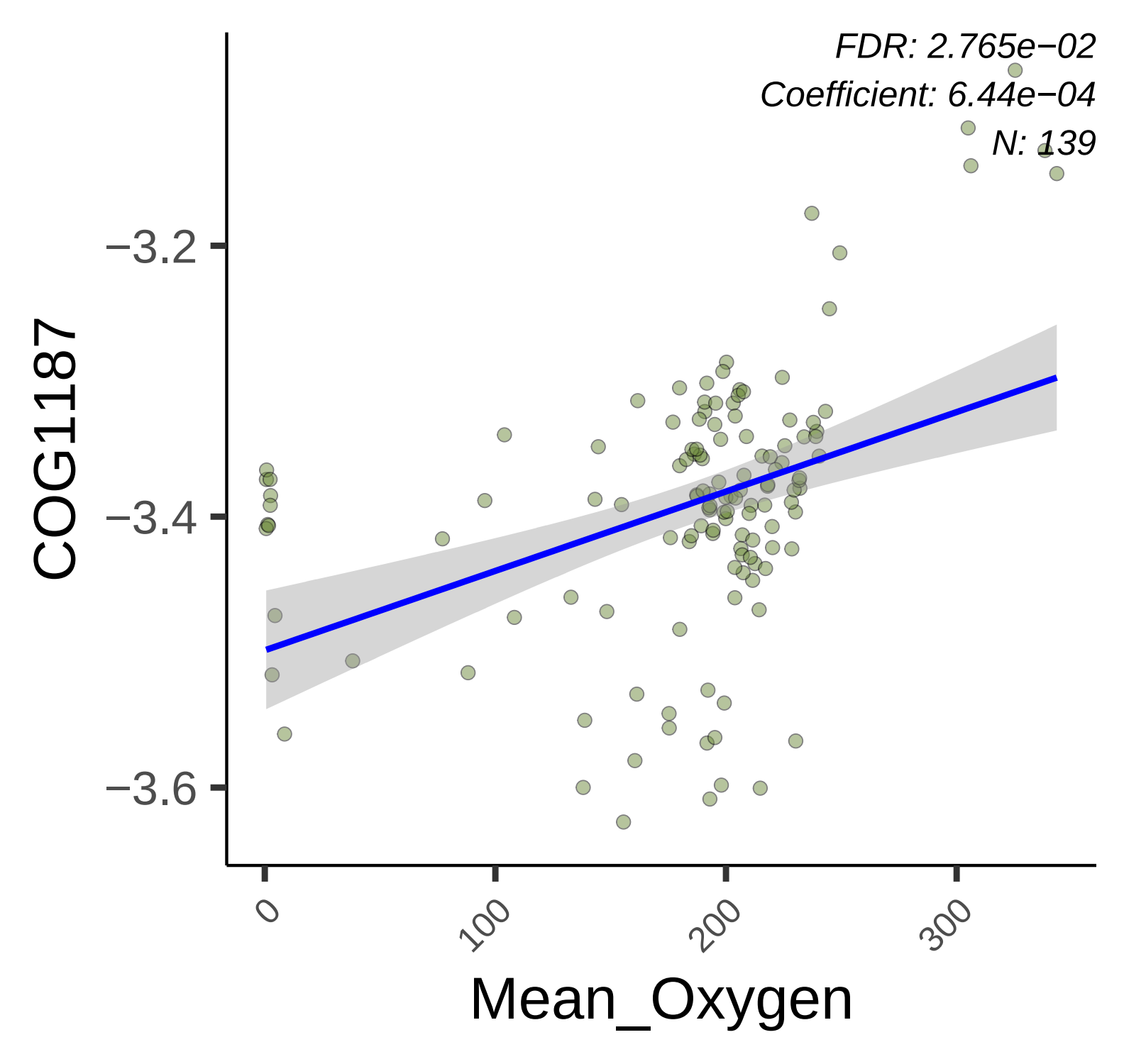
Mean_Oxygen


FDR: 2.765e−02
Coefficient: 6.44e−04
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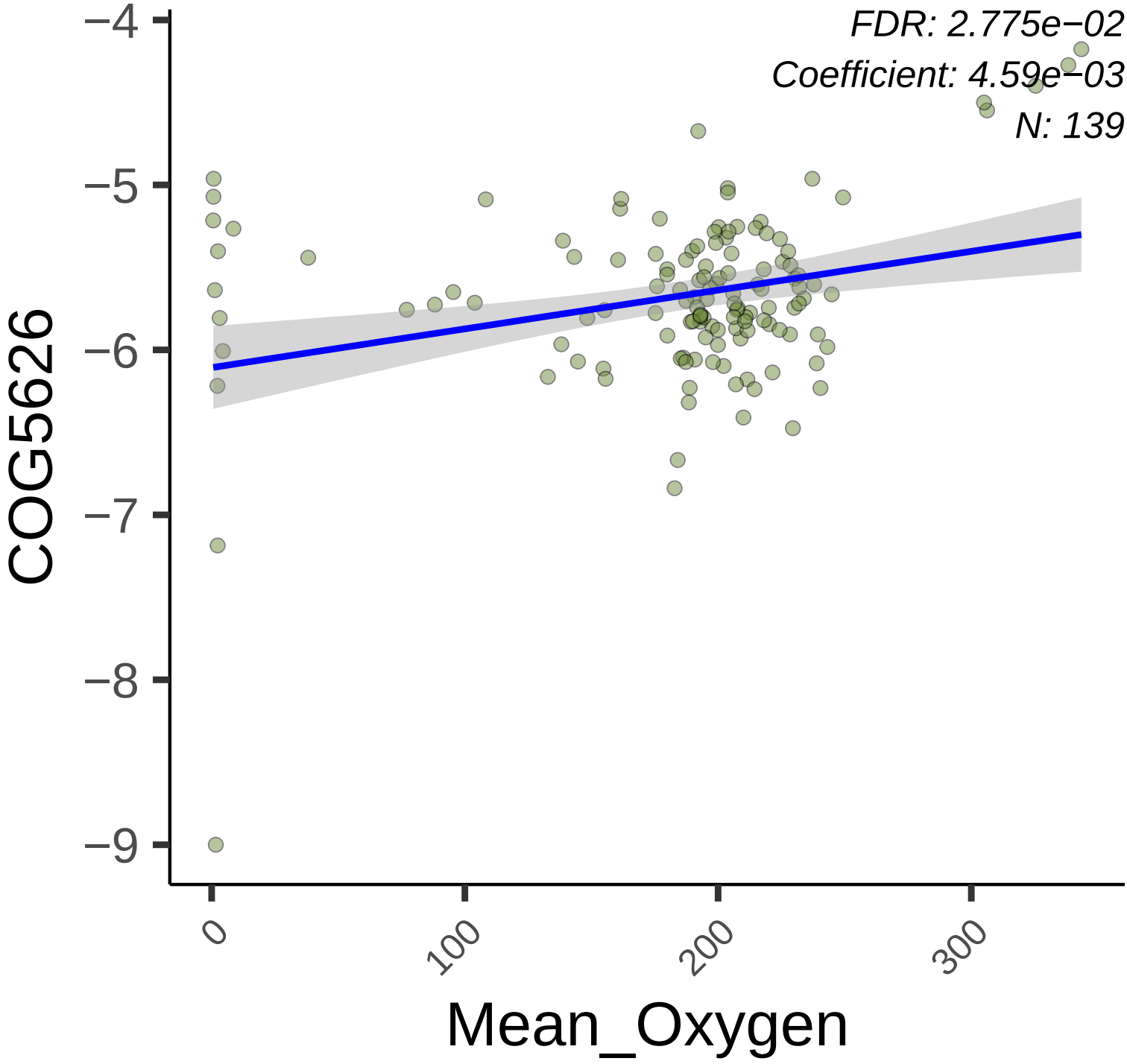
Mean_Oxygen


FDR: 2.775e−02
Coefficient: 4.59e−03
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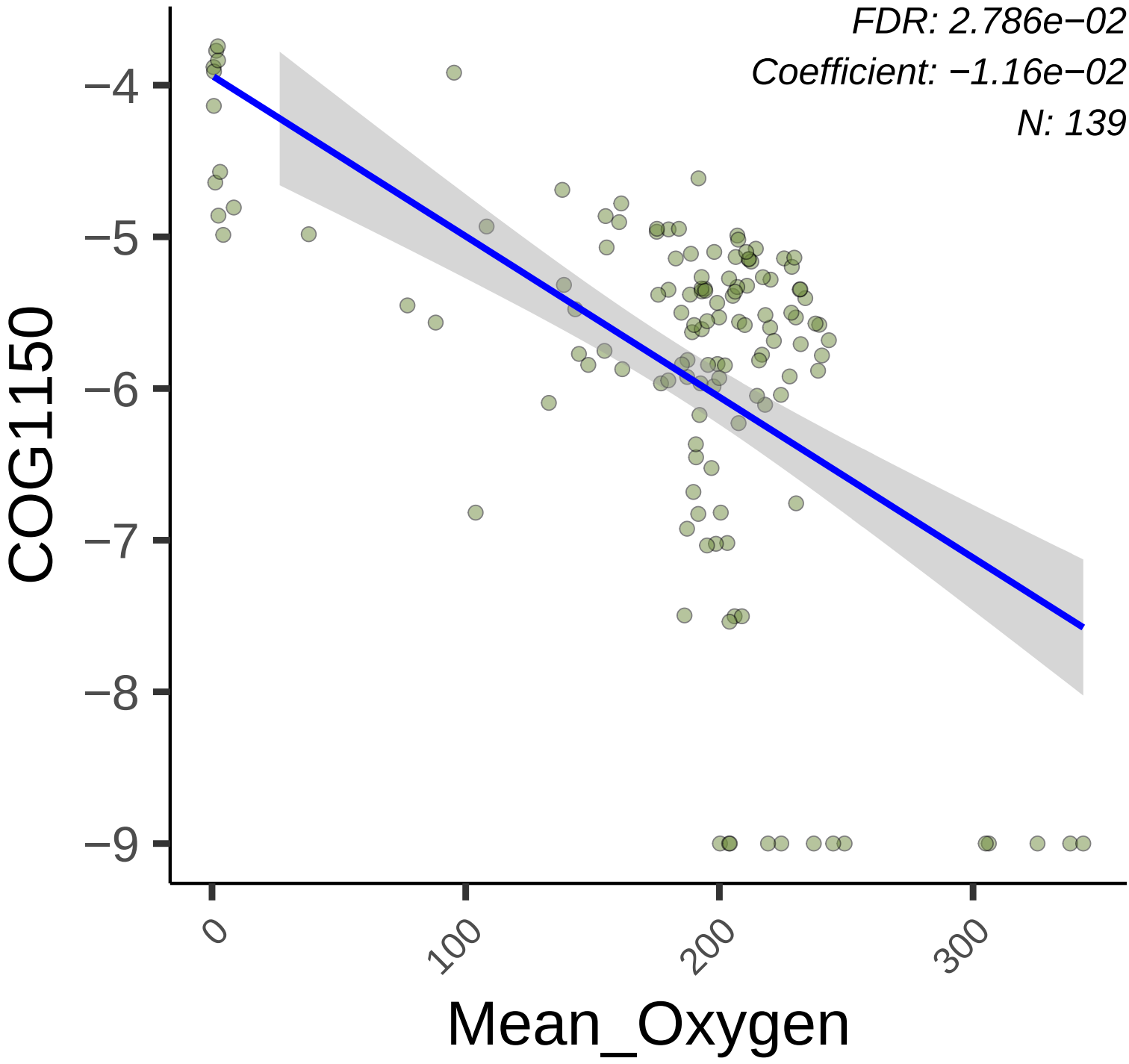
Mean_Oxygen


FDR: 2.786e−02
Coefficient: −1.16e−02
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COG1150
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200
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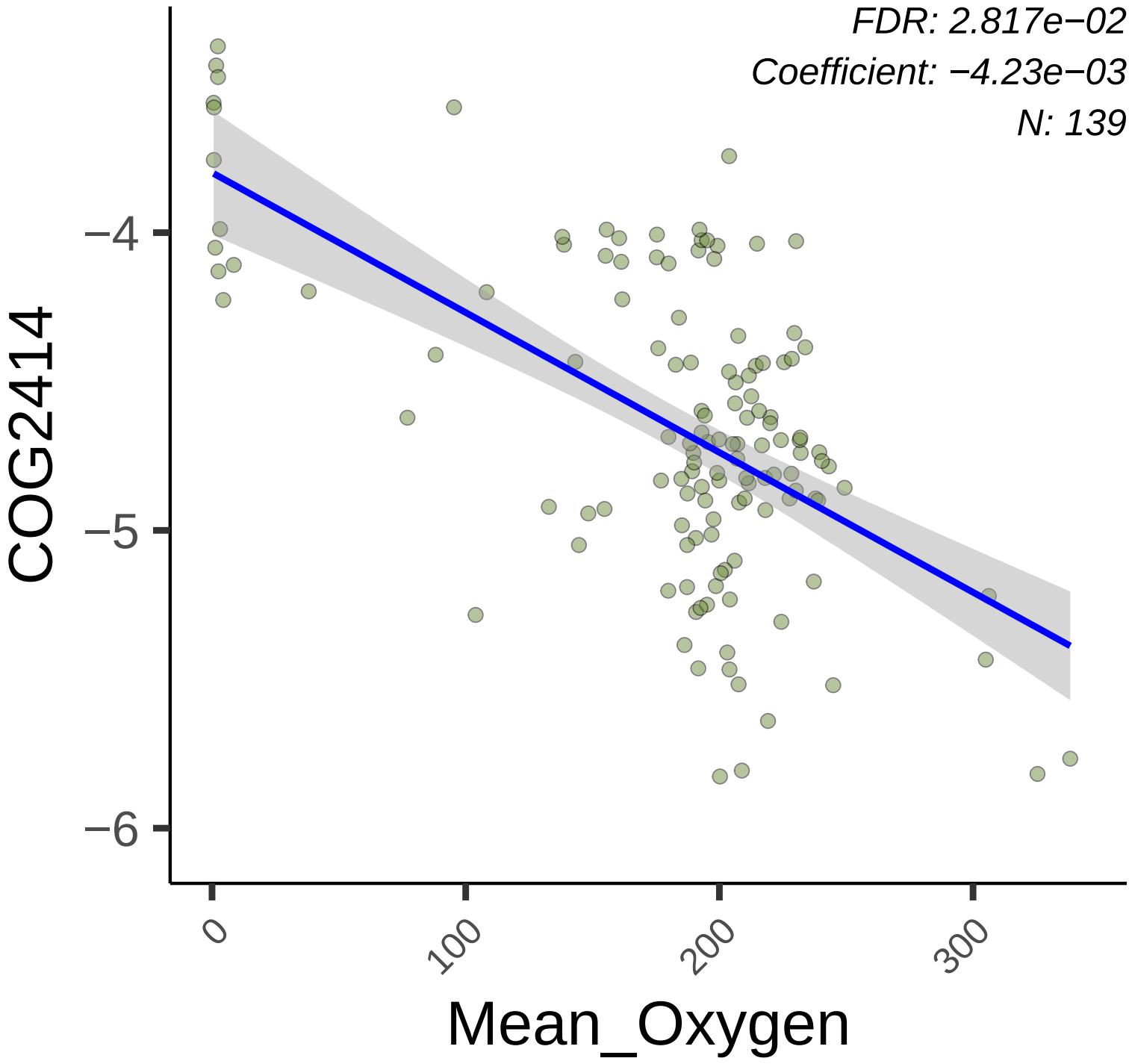
Mean_Oxygen


FDR: 2.817e−02
Coefficient: −4.23e−03
N: 139
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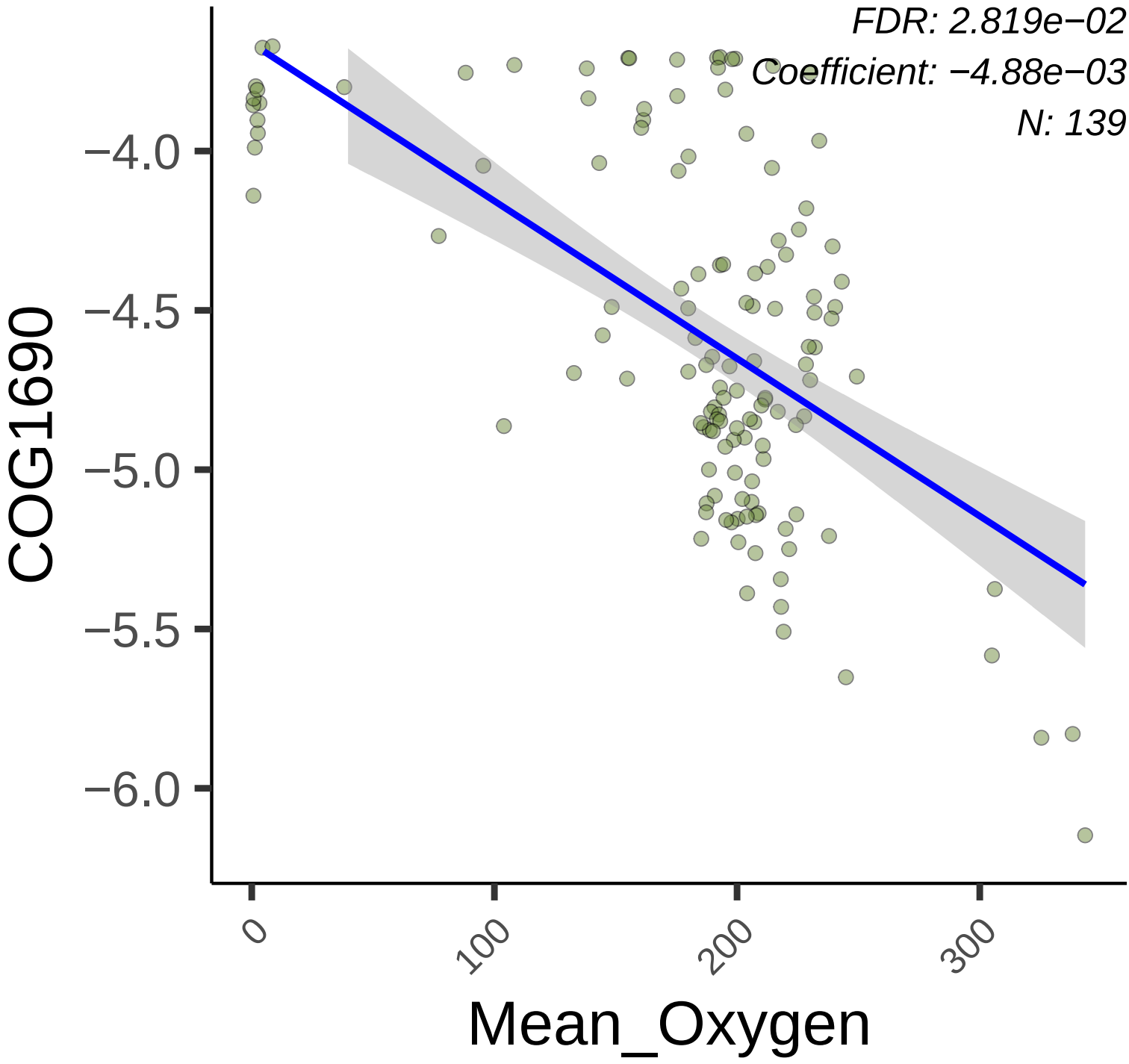
Mean_Oxygen


FDR: 2.819e−02
Coefficient: −4.88e−03
N: 139
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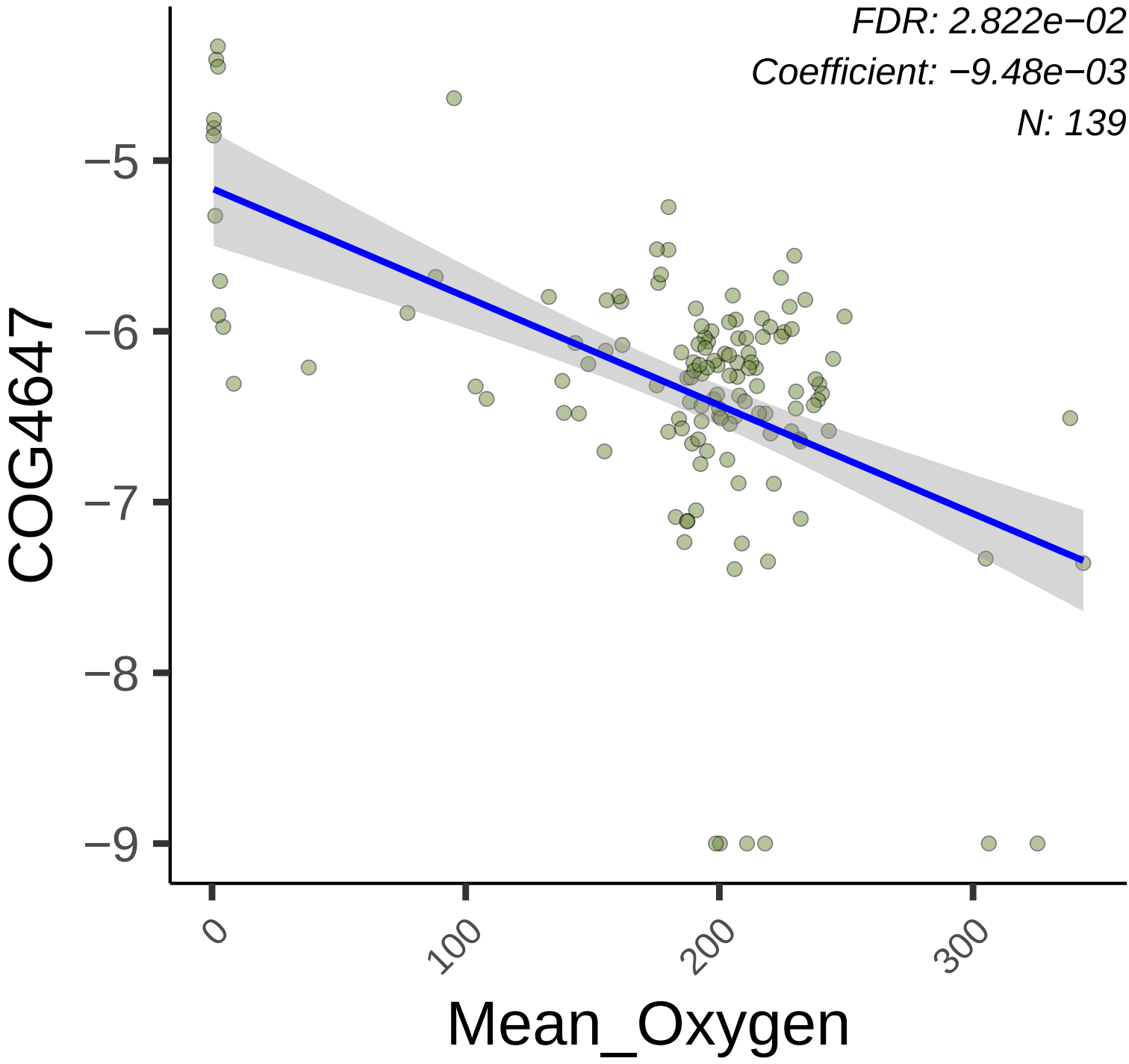
Mean_Oxygen


FDR: 2.822e−02
Coefficient: −9.48e−03
N: 139
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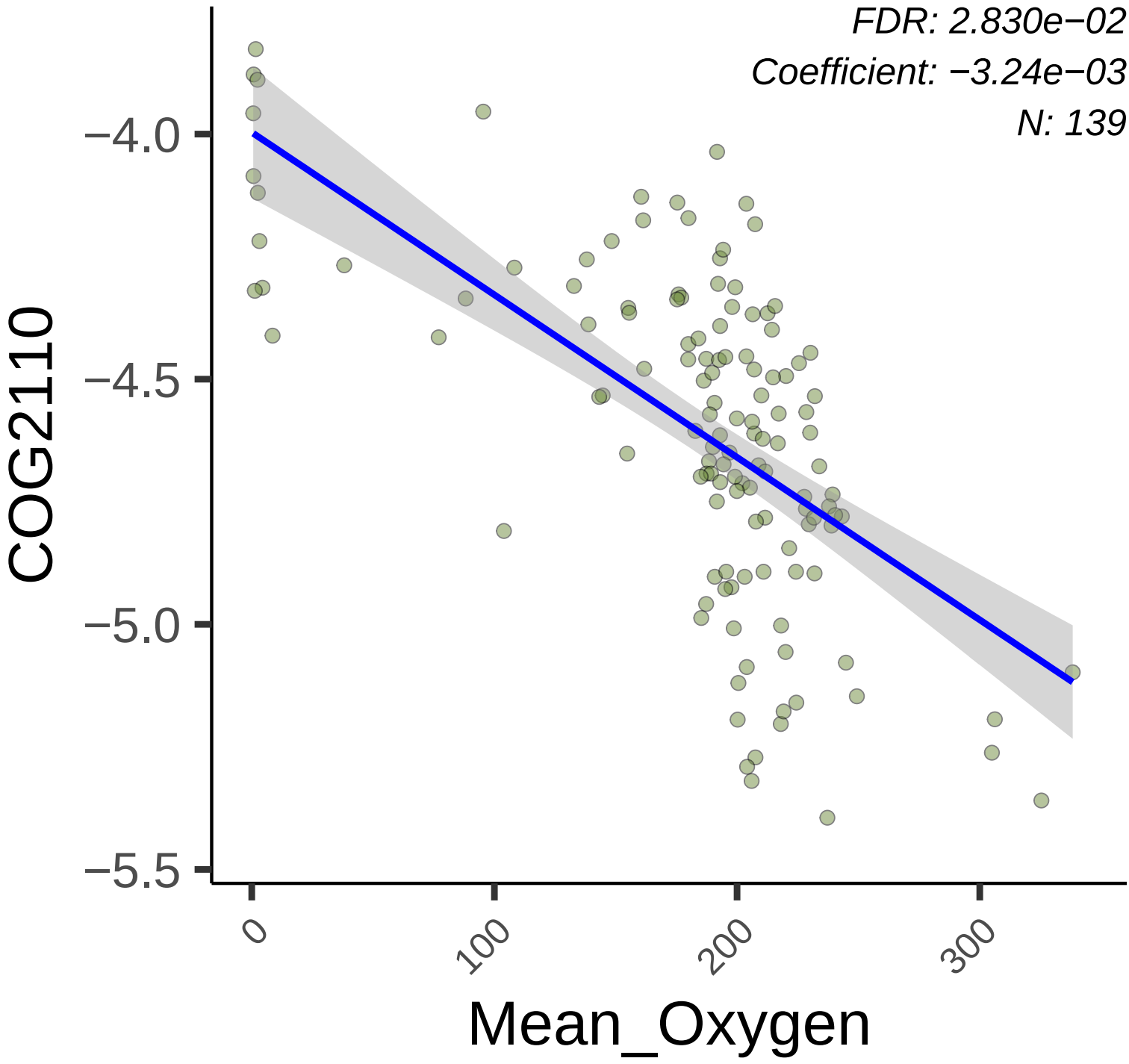
Mean_Oxygen


FDR: 2.830e−02
Coefficient: −3.24e−03
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COG2110
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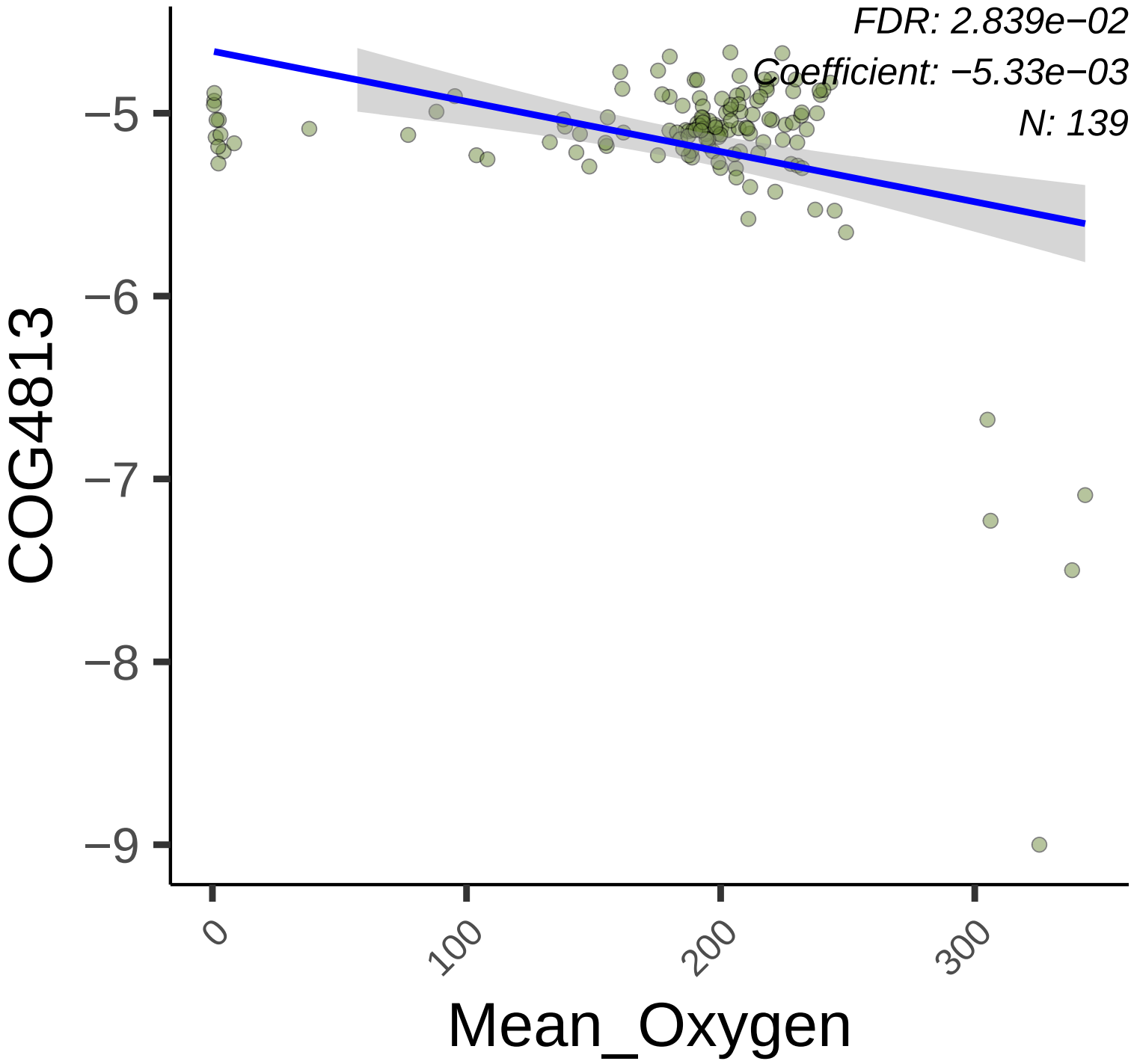
Mean_Oxygen


FDR: 2.839e−02
Coefficient: −5.33e−03
N: 139
COG4813
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−7
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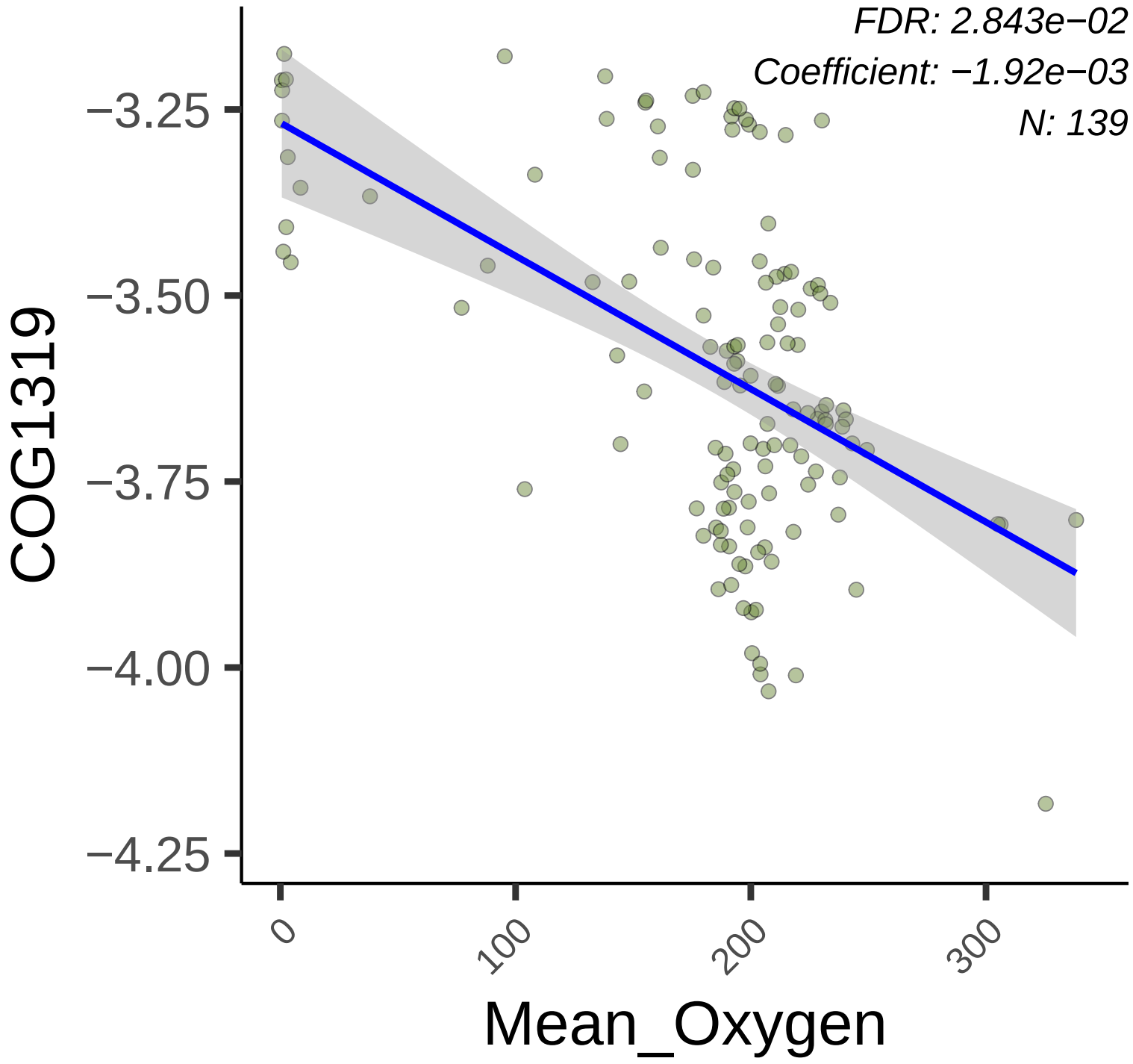
200
300
Mean_Oxygen


FDR: 2.843e−02
Coefficient: −1.92e−03
N: 139
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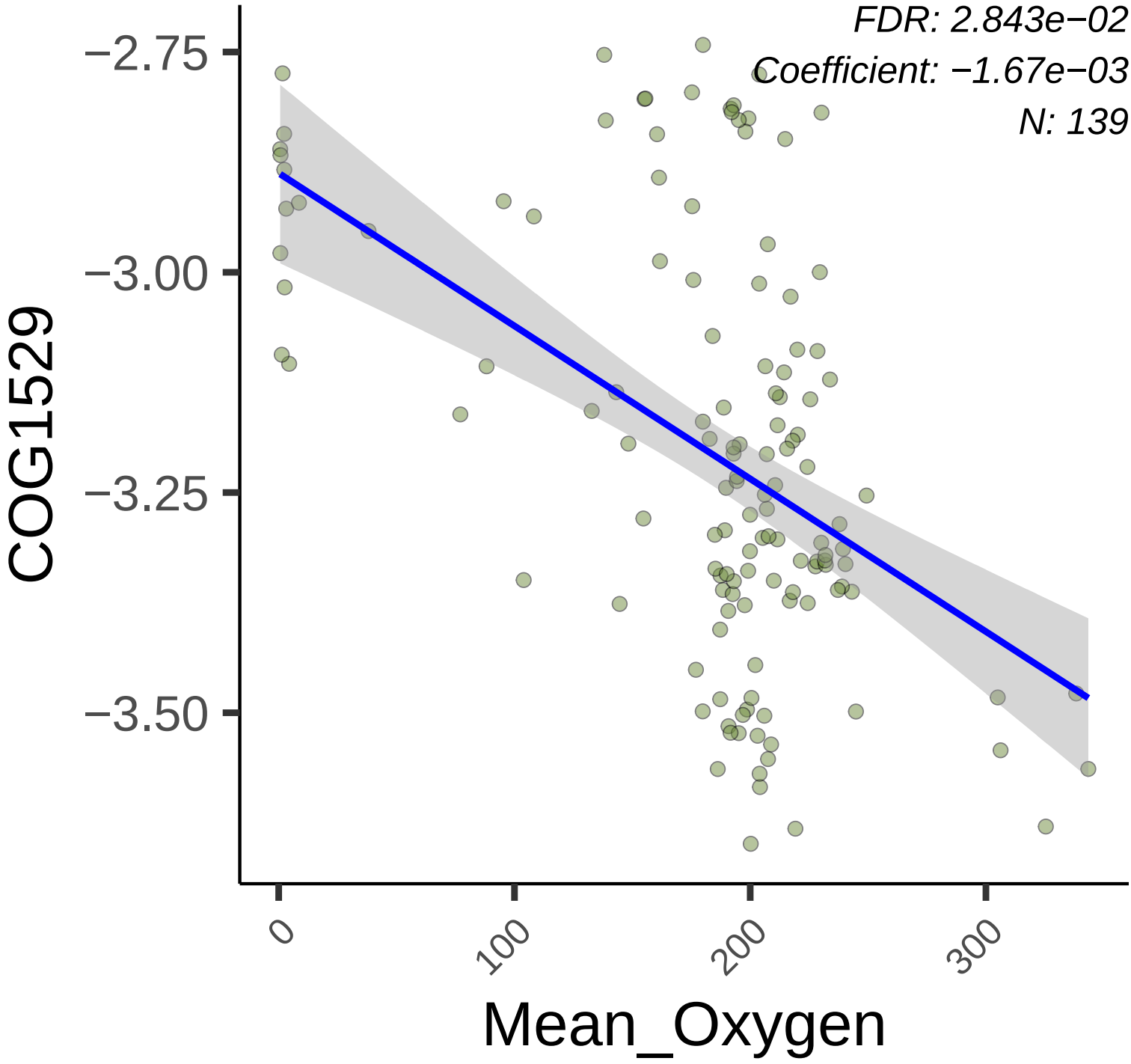
Mean_Oxygen


FDR: 2.843e−02
Coefficient: −1.67e−03
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COG1529
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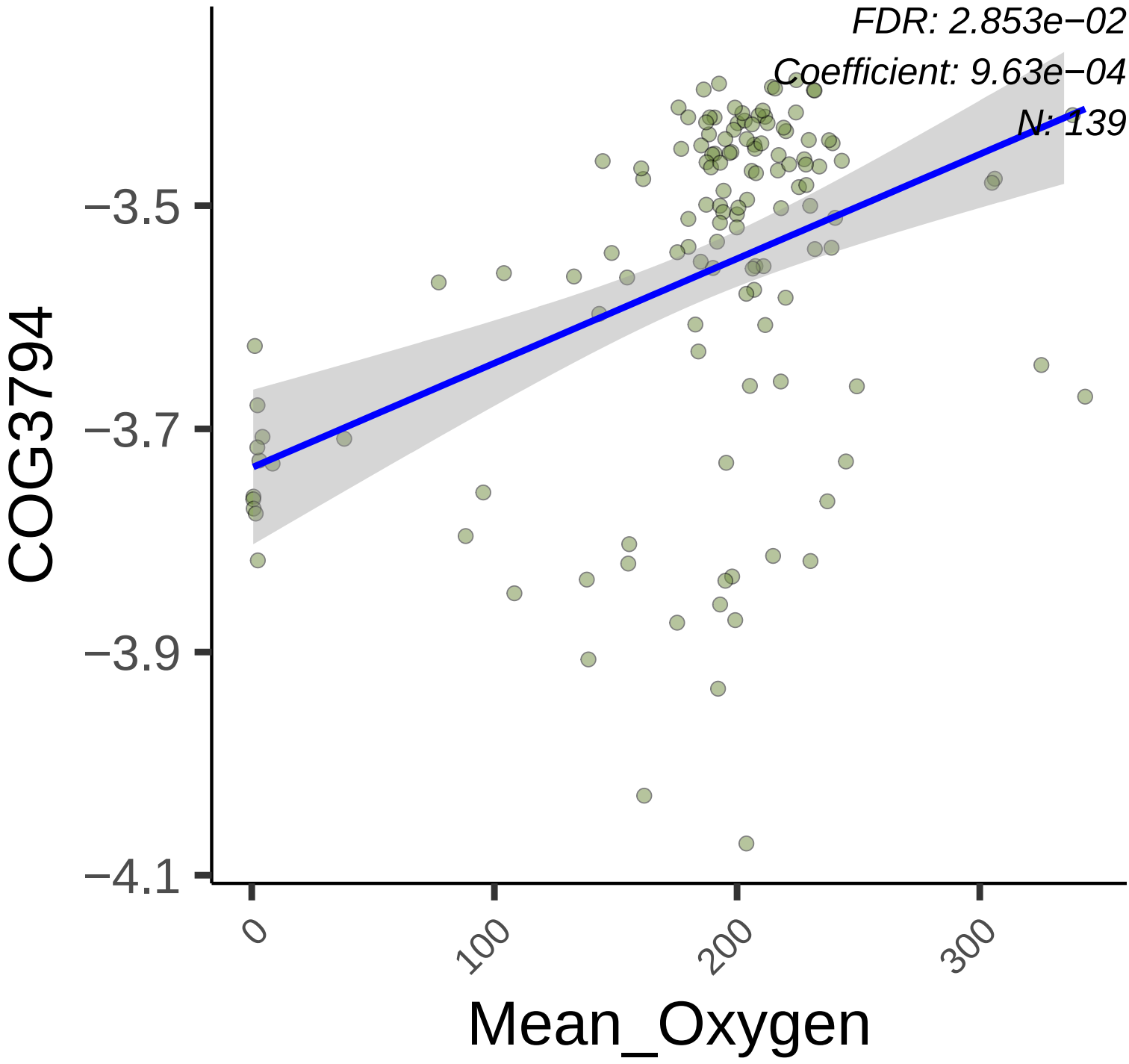
Mean_Oxygen


FDR: 2.853e−02
Coefficient: 9.63e−04
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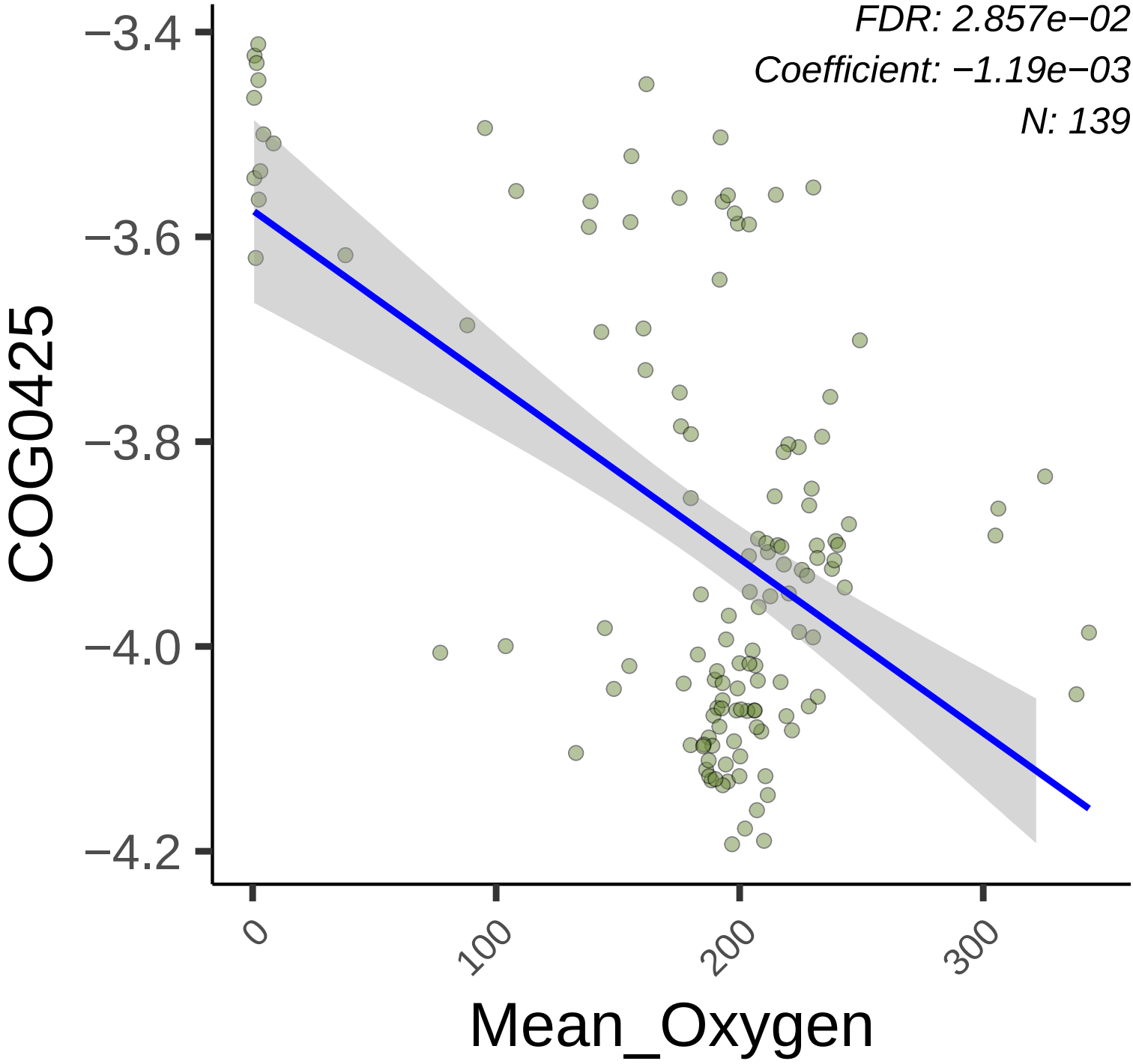
Mean_Oxygen


FDR: 2.857e−02
Coefficient: −1.19e−03
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COG0425
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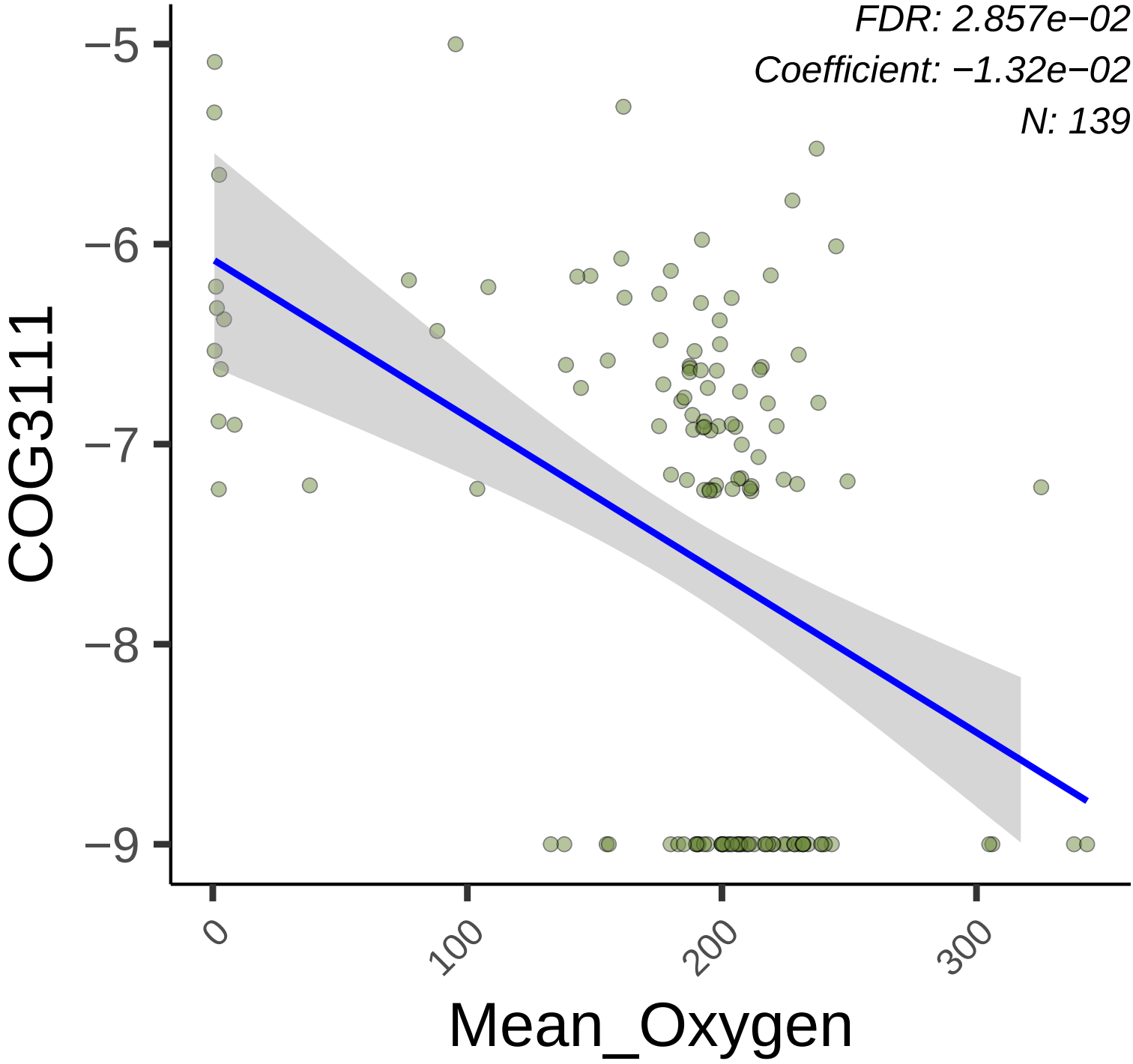
Mean_Oxygen


FDR: 2.857e−02
Coefficient: −1.32e−02
N: 139
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COG3111
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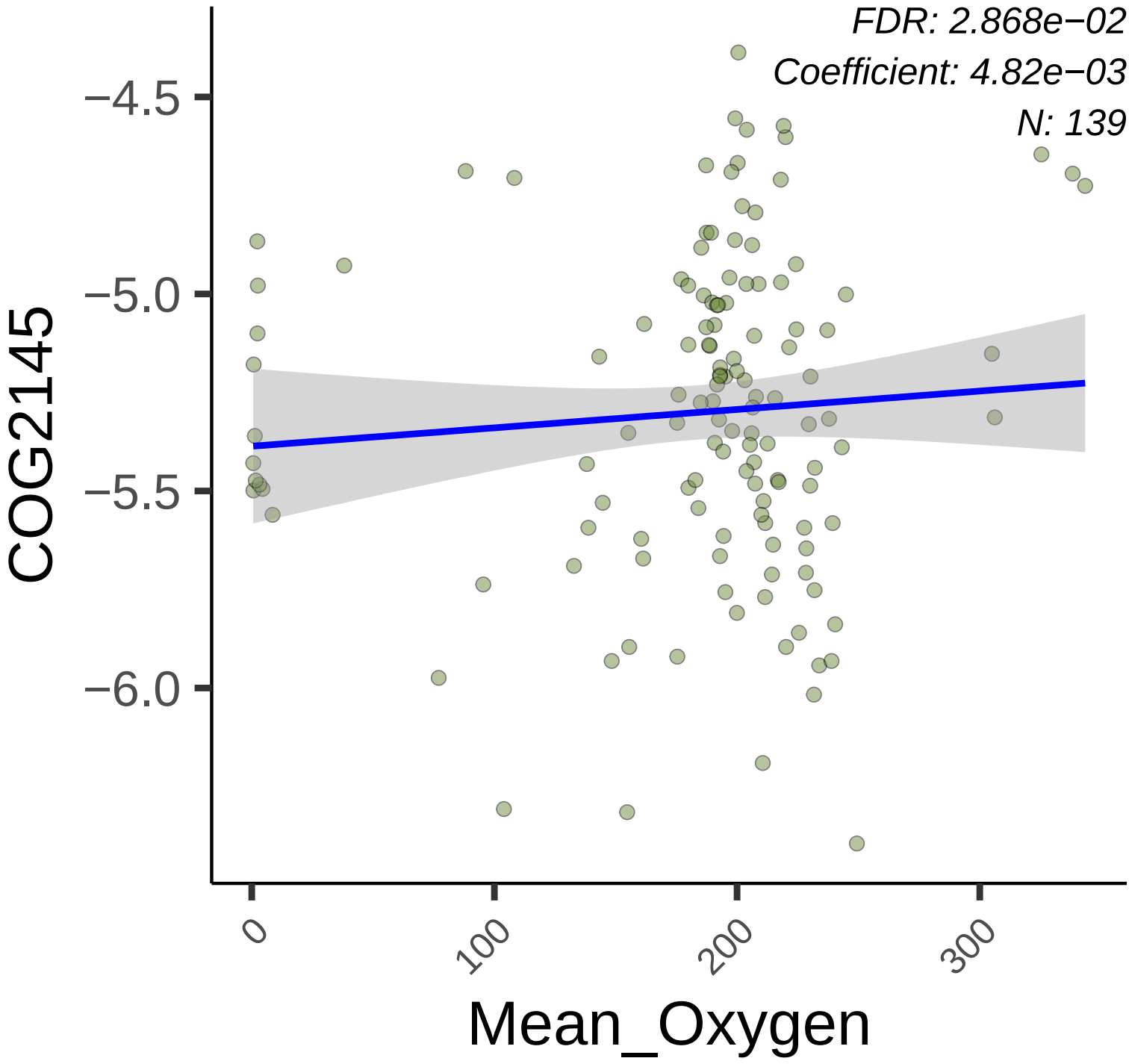
Mean_Oxygen


FDR: 2.868e−02
Coefficient: 4.82e−03
N: 139
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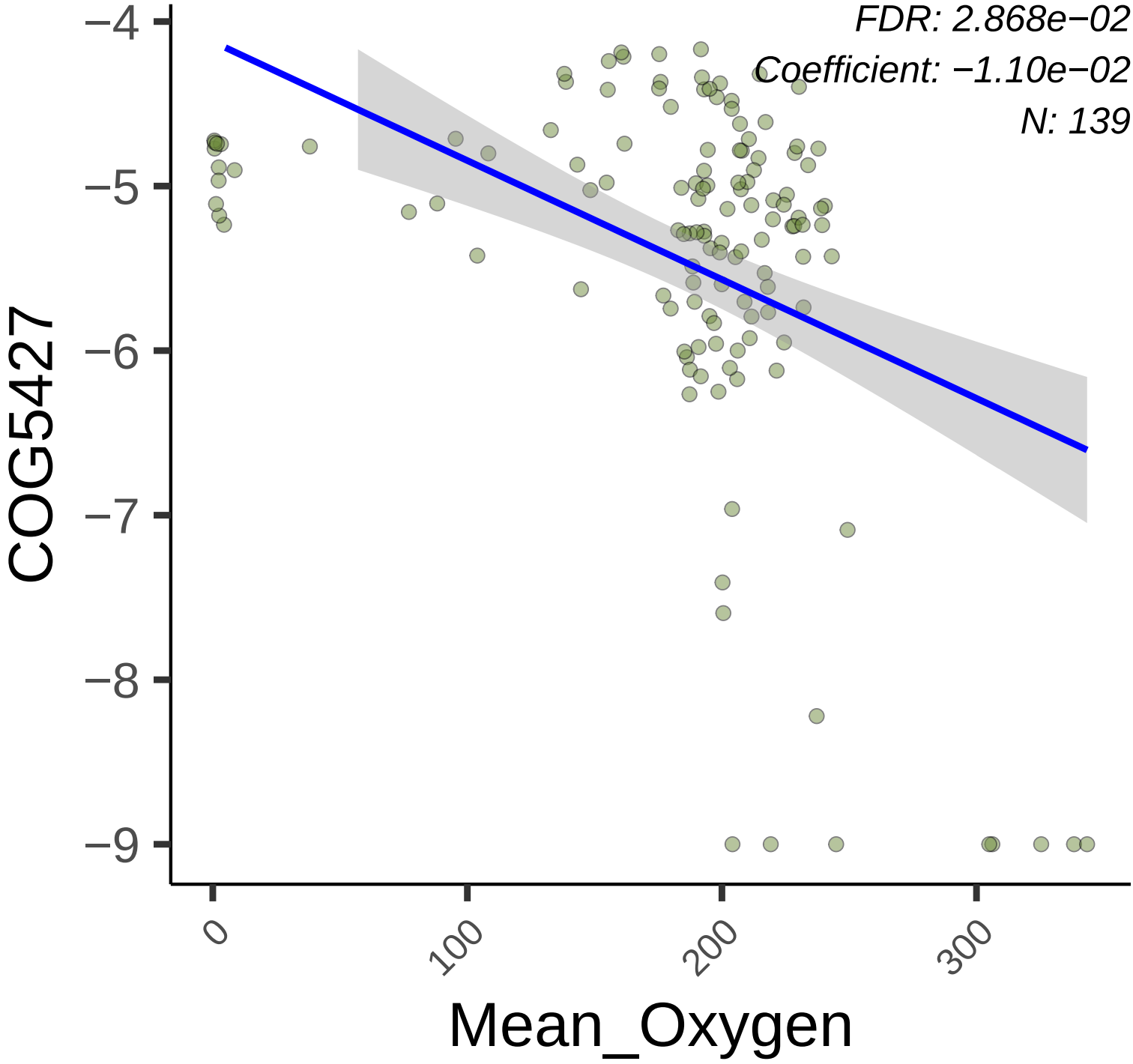
Mean_Oxygen


FDR: 2.868e−02
Coefficient: −1.10e−02
N: 139
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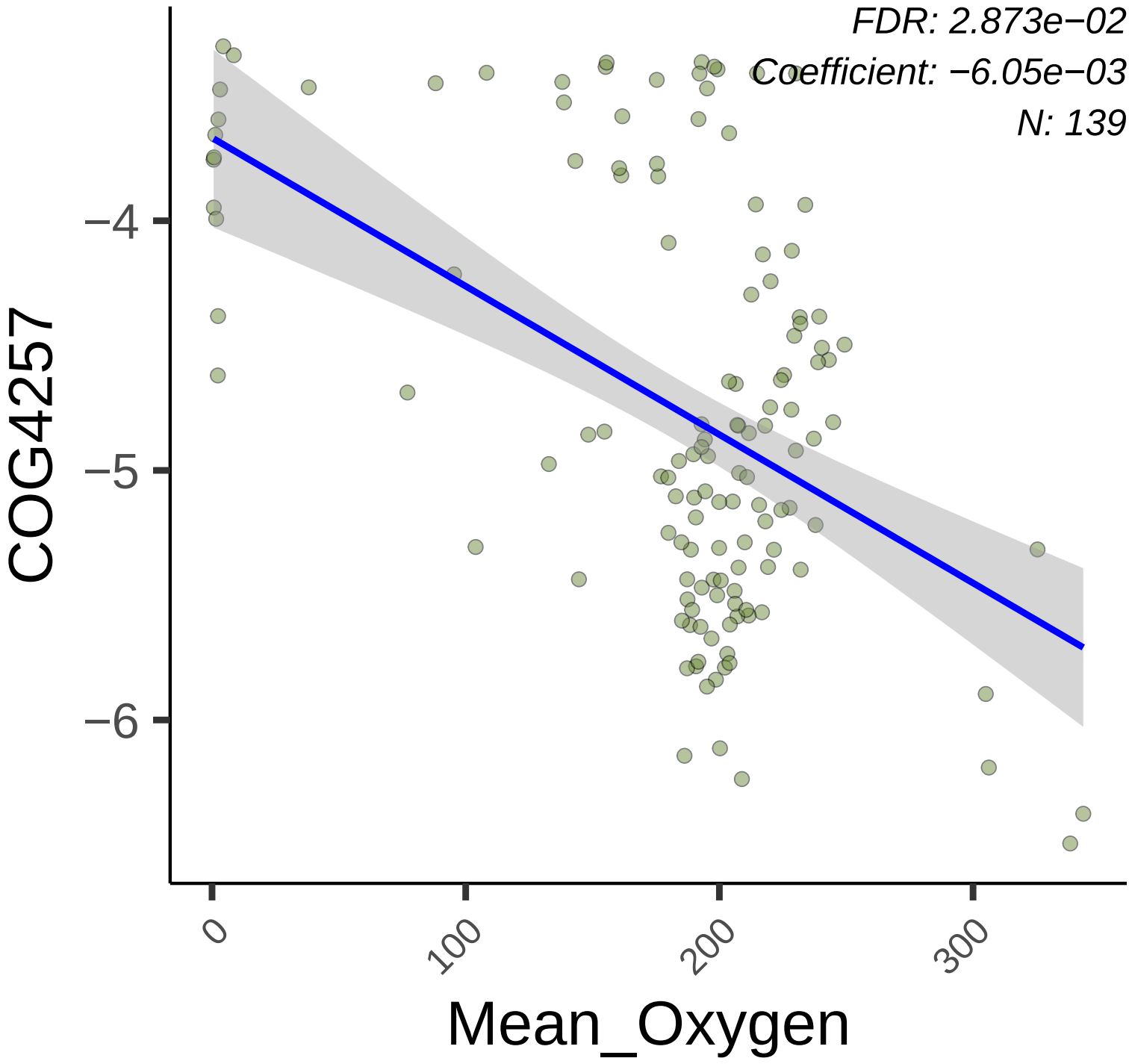
Mean_Oxygen


FDR: 2.873e−02
Coefficient: −6.05e−03
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COG4257
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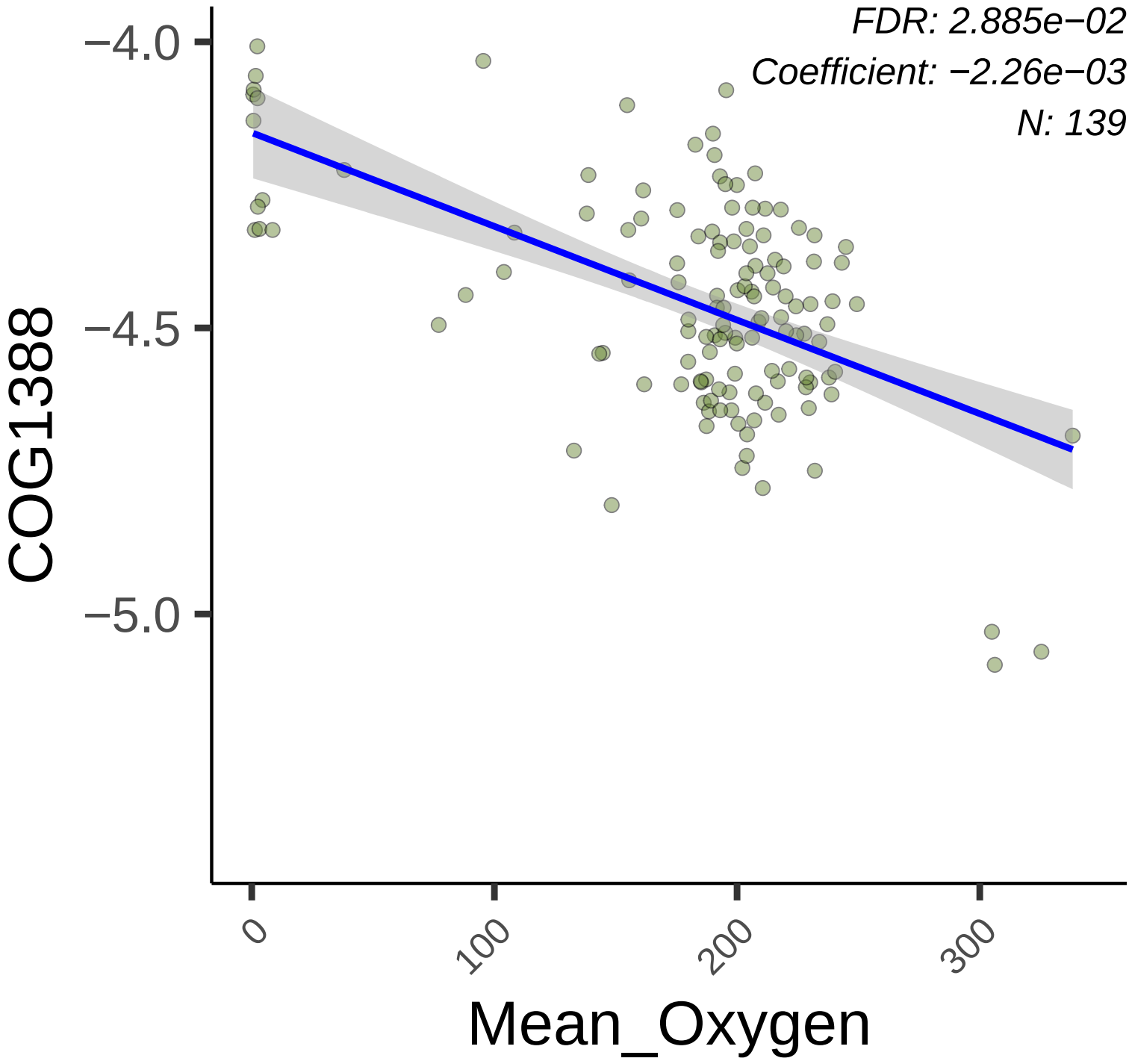
Mean_Oxygen


FDR: 2.885e−02
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N: 139
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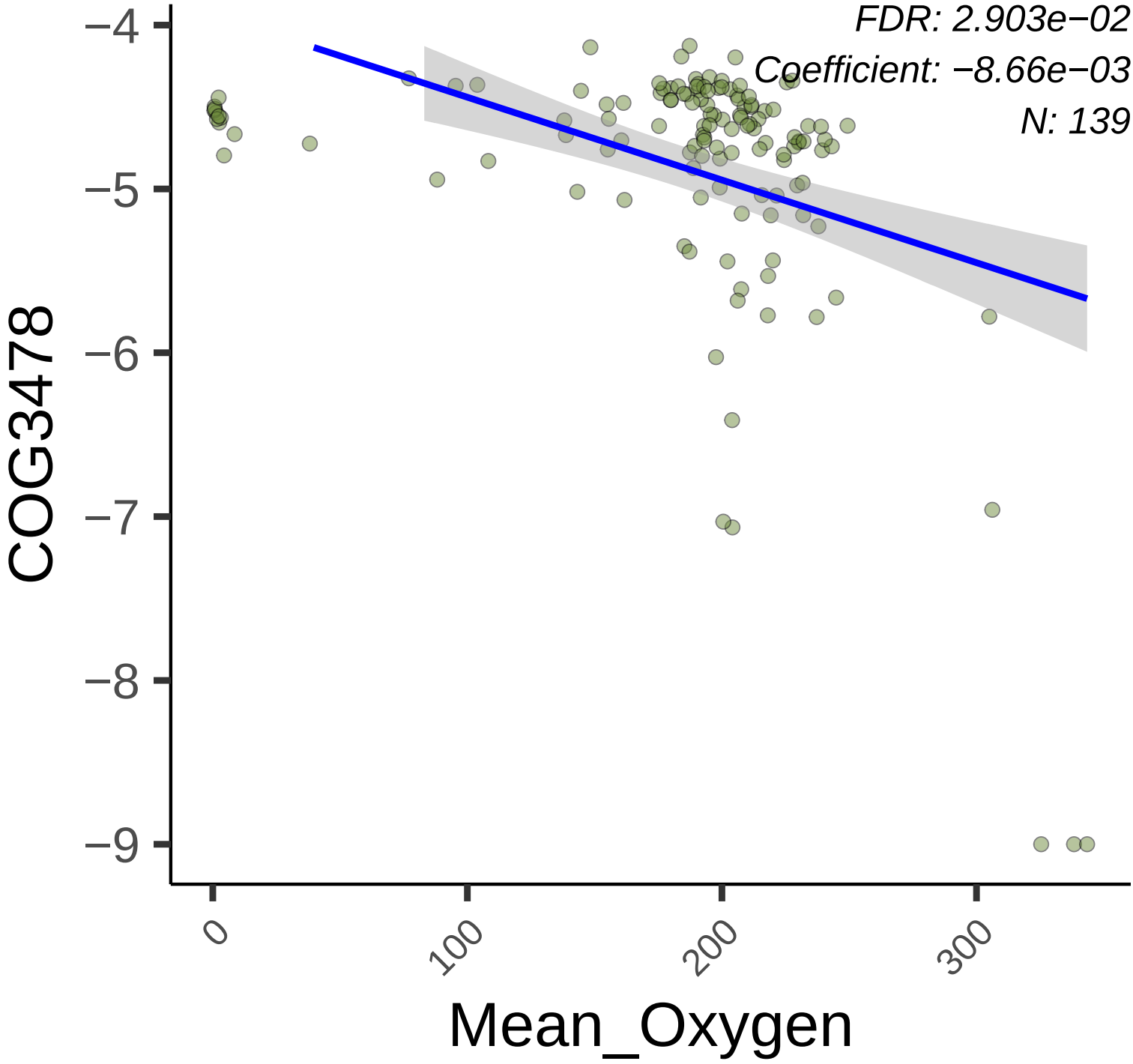
Mean_Oxygen


FDR: 2.903e−02
Coefficient: −8.66e−03
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200
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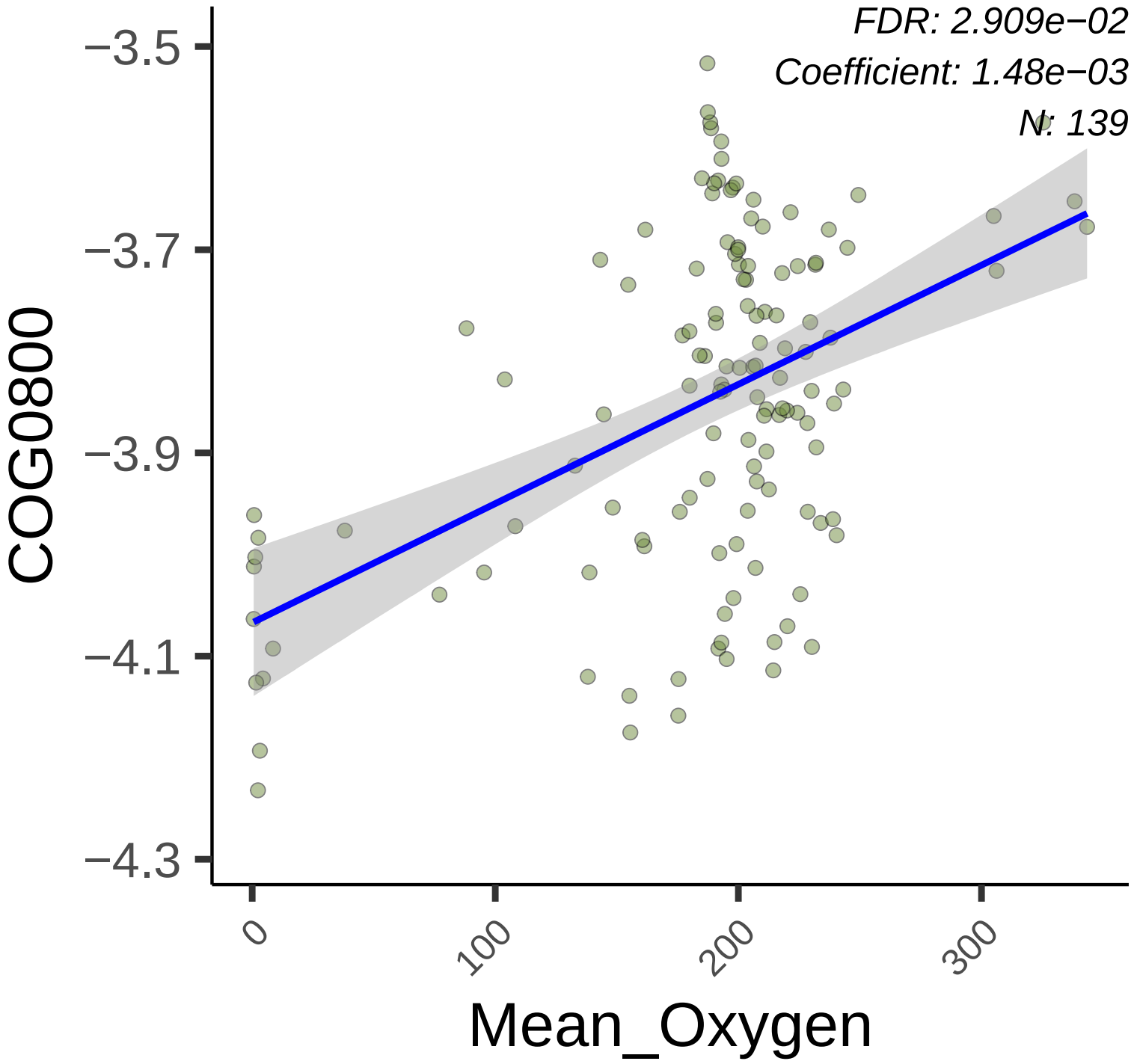
Mean_Oxygen


FDR: 2.909e−02
Coefficient: 1.48e−03
N: 139
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COG0800
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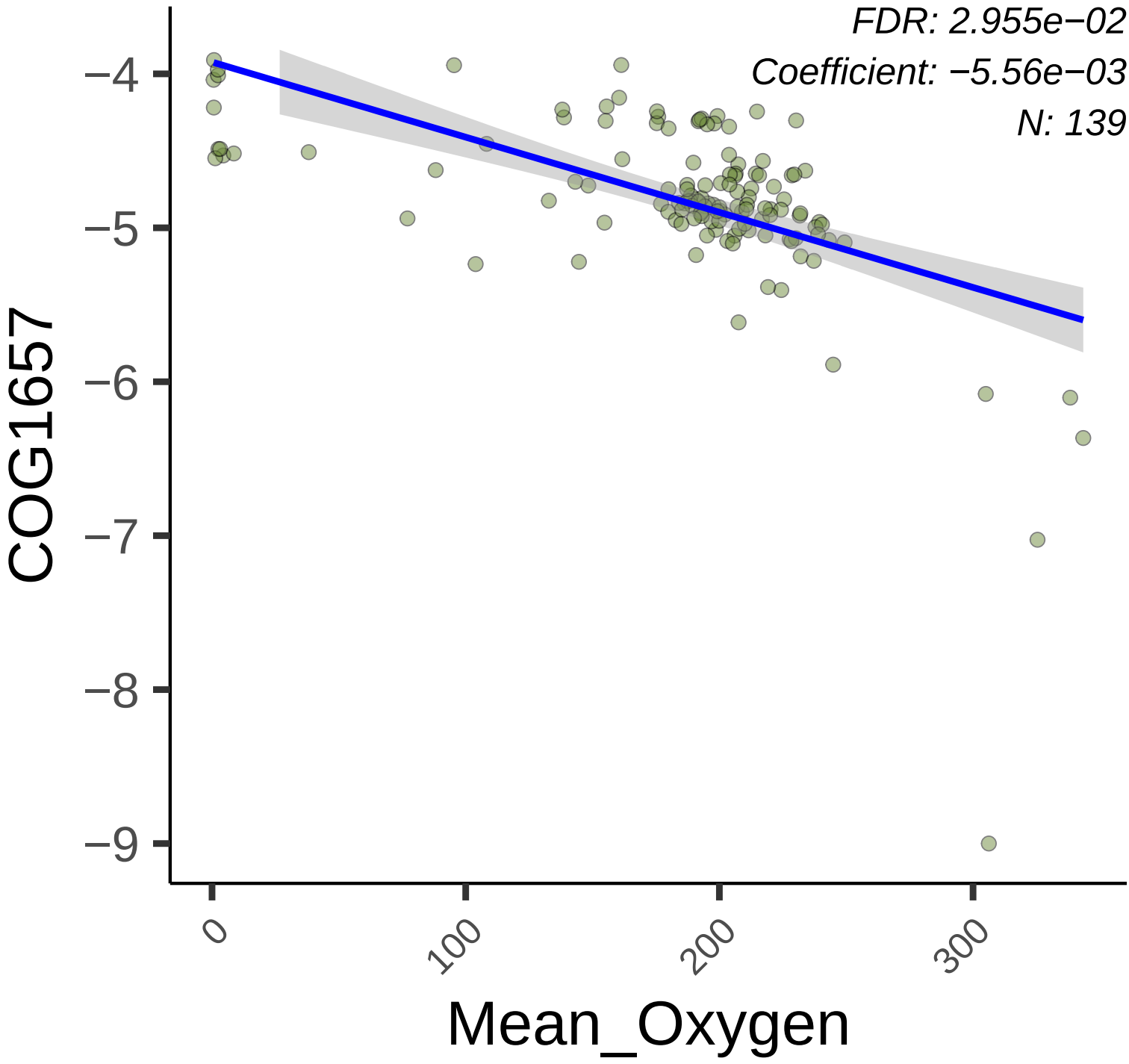
Mean_Oxygen


FDR: 2.955e−02
Coefficient: −5.56e−03
N: 139
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−6
−7
−8
−9
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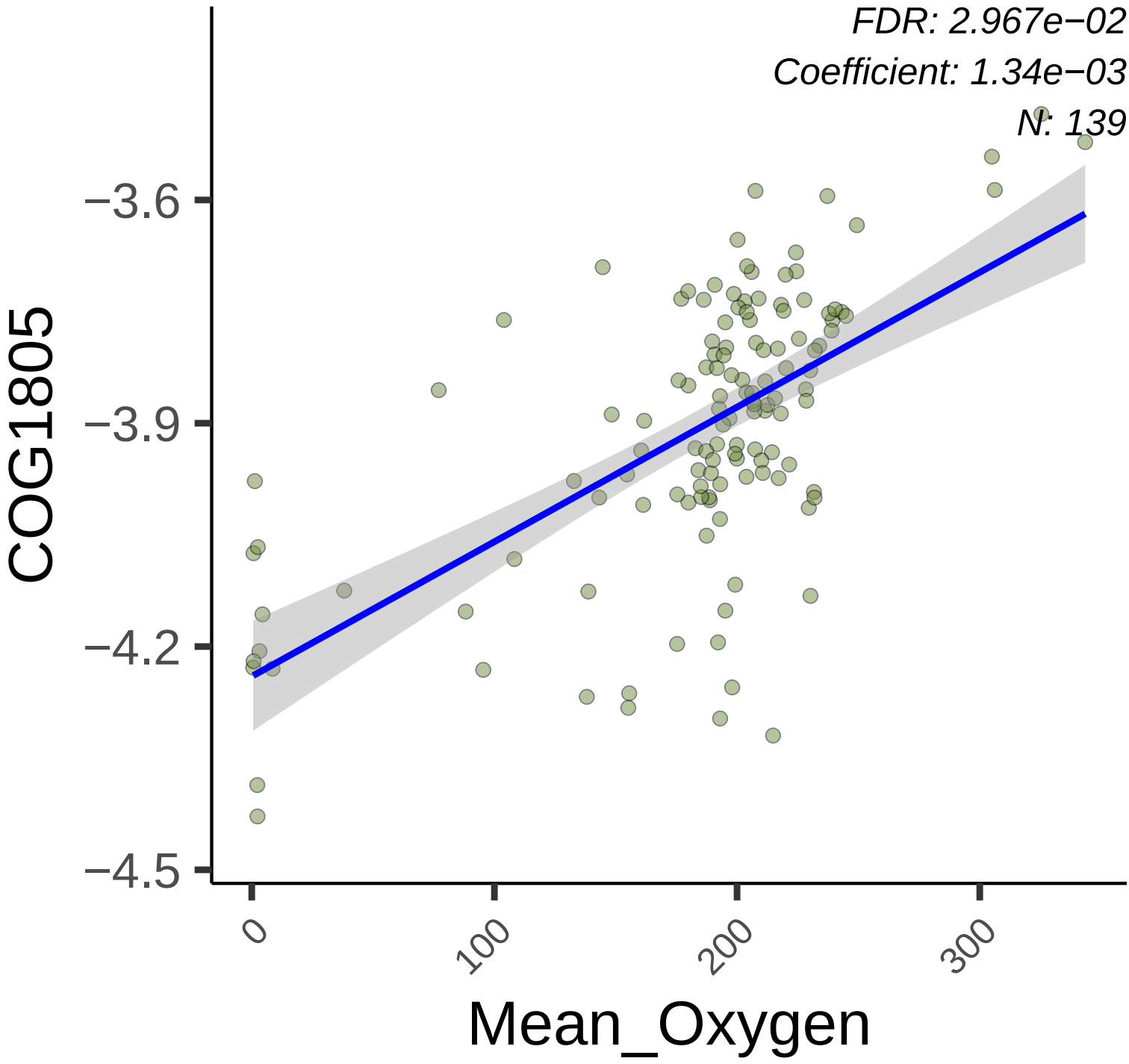
200
300
Mean_Oxygen


FDR: 2.967e−02
Coefficient: 1.34e−03
N: 139
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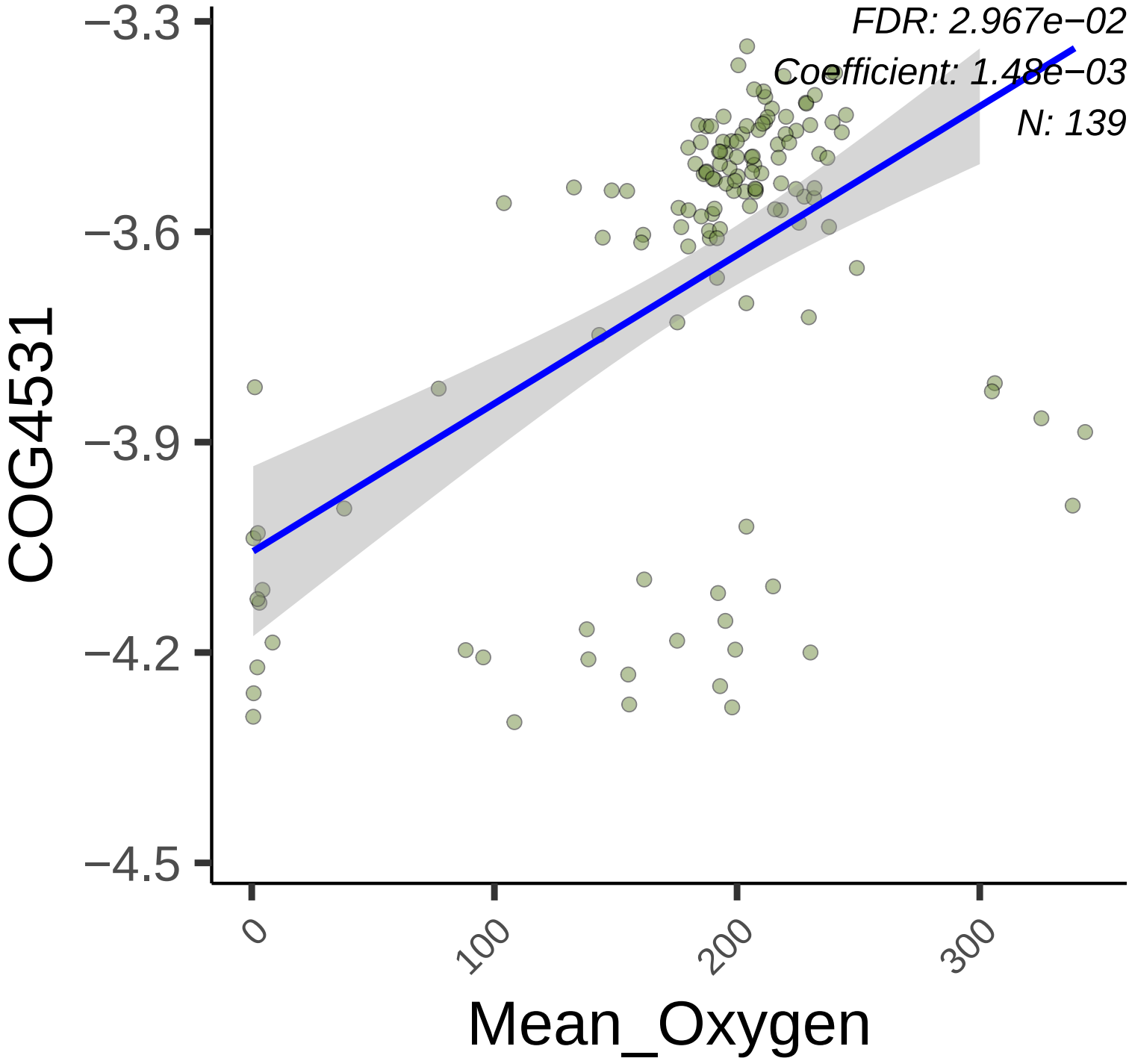
200
300
Mean_Oxygen


FDR: 2.967e−02
Coefficient: 1.48e−03
N: 139
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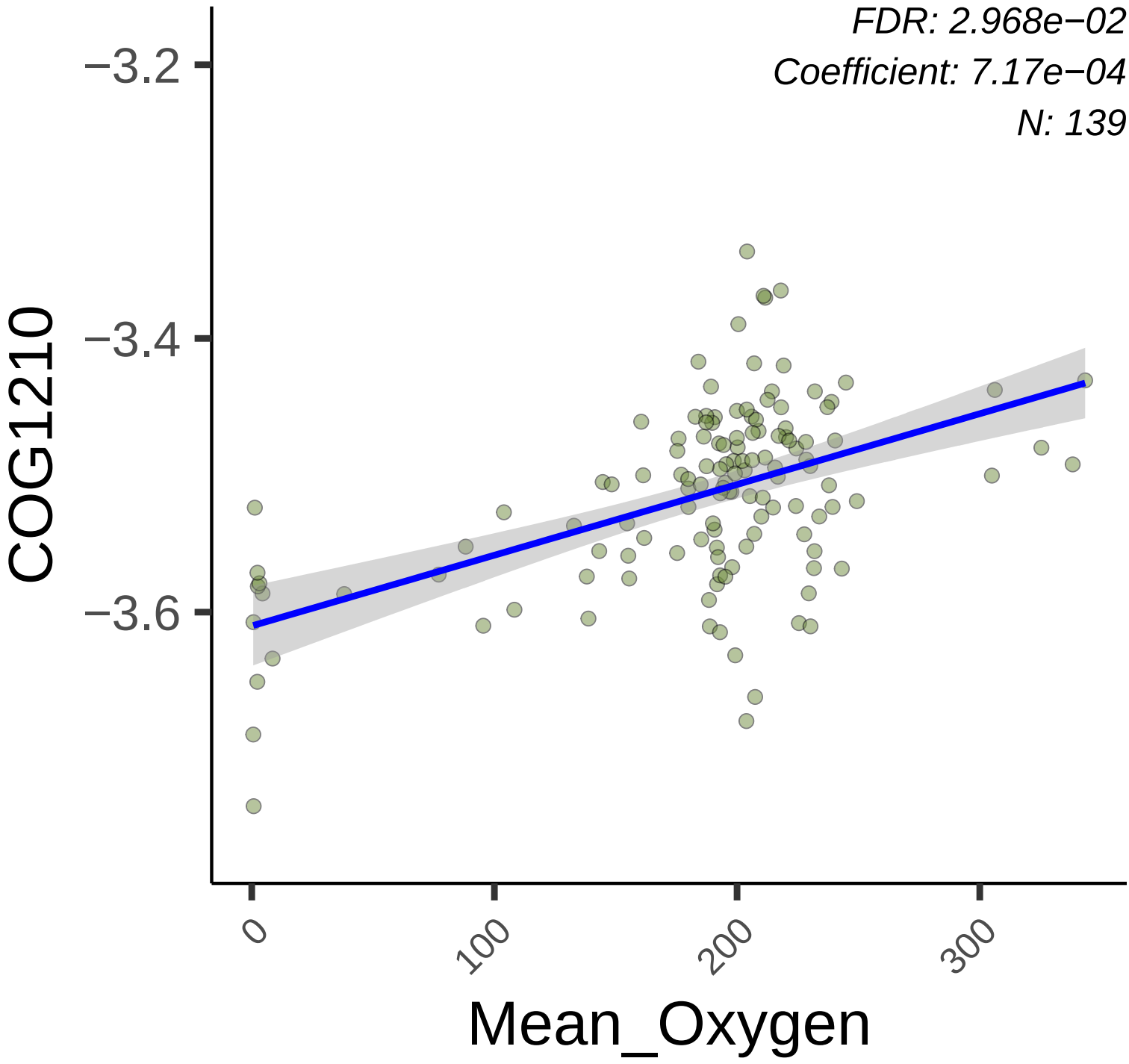
200
300
Mean_Oxygen


FDR: 2.968e−02
Coefficient: 7.17e−04
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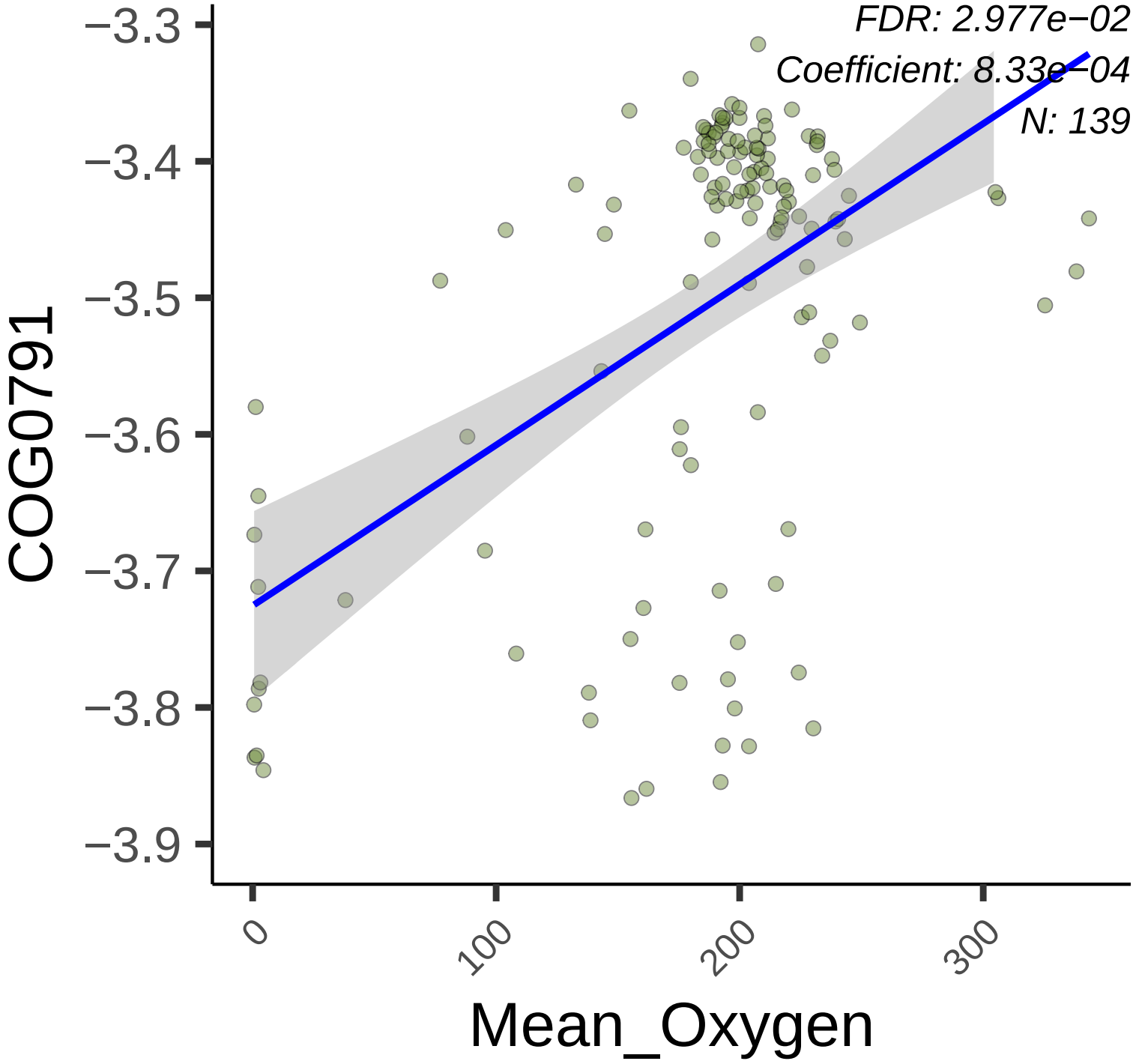
Mean_Oxygen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Coefficient: 8.33e−04
N: 139
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COG0791
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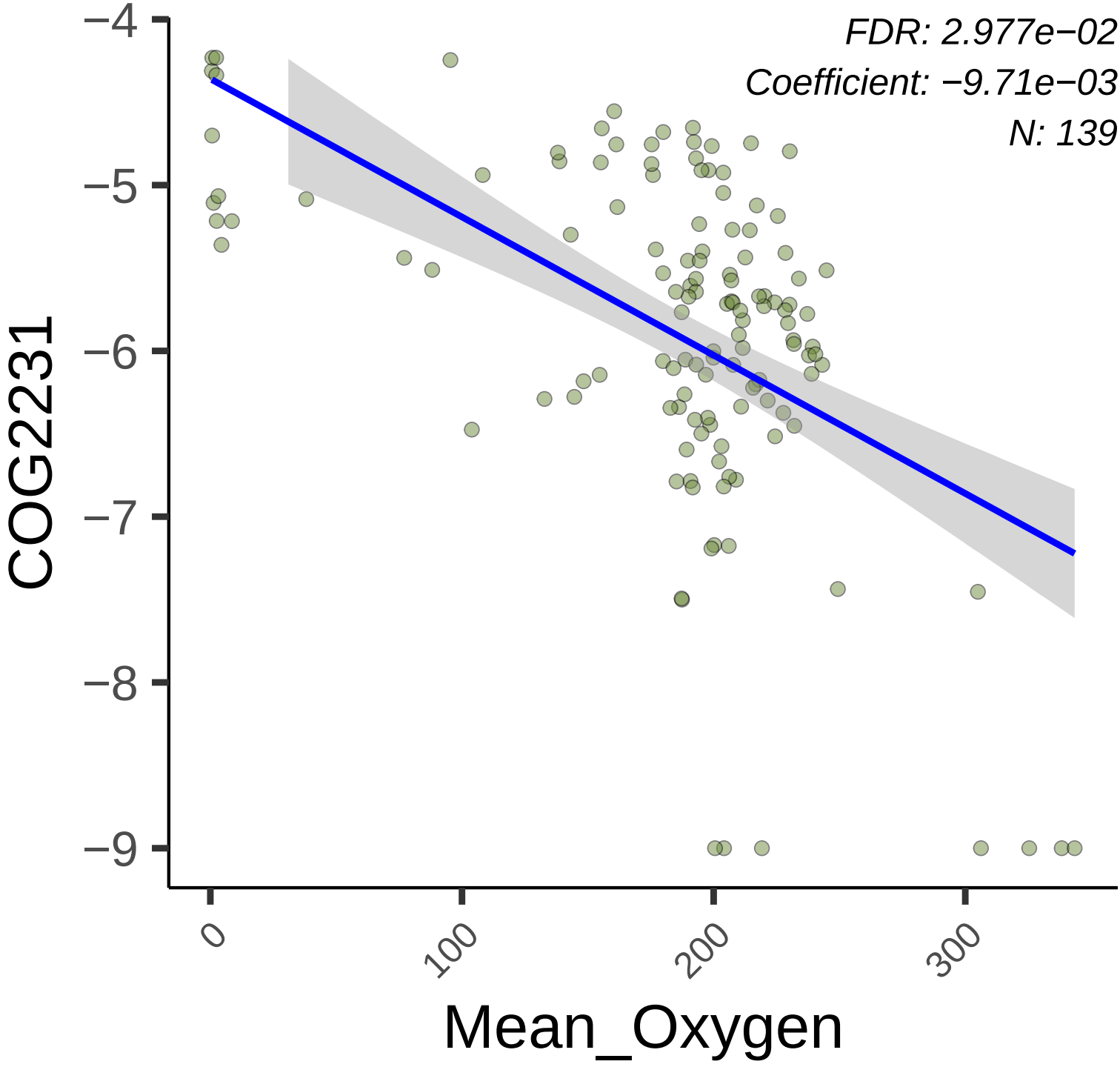
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Coefficient: −9.71e−03
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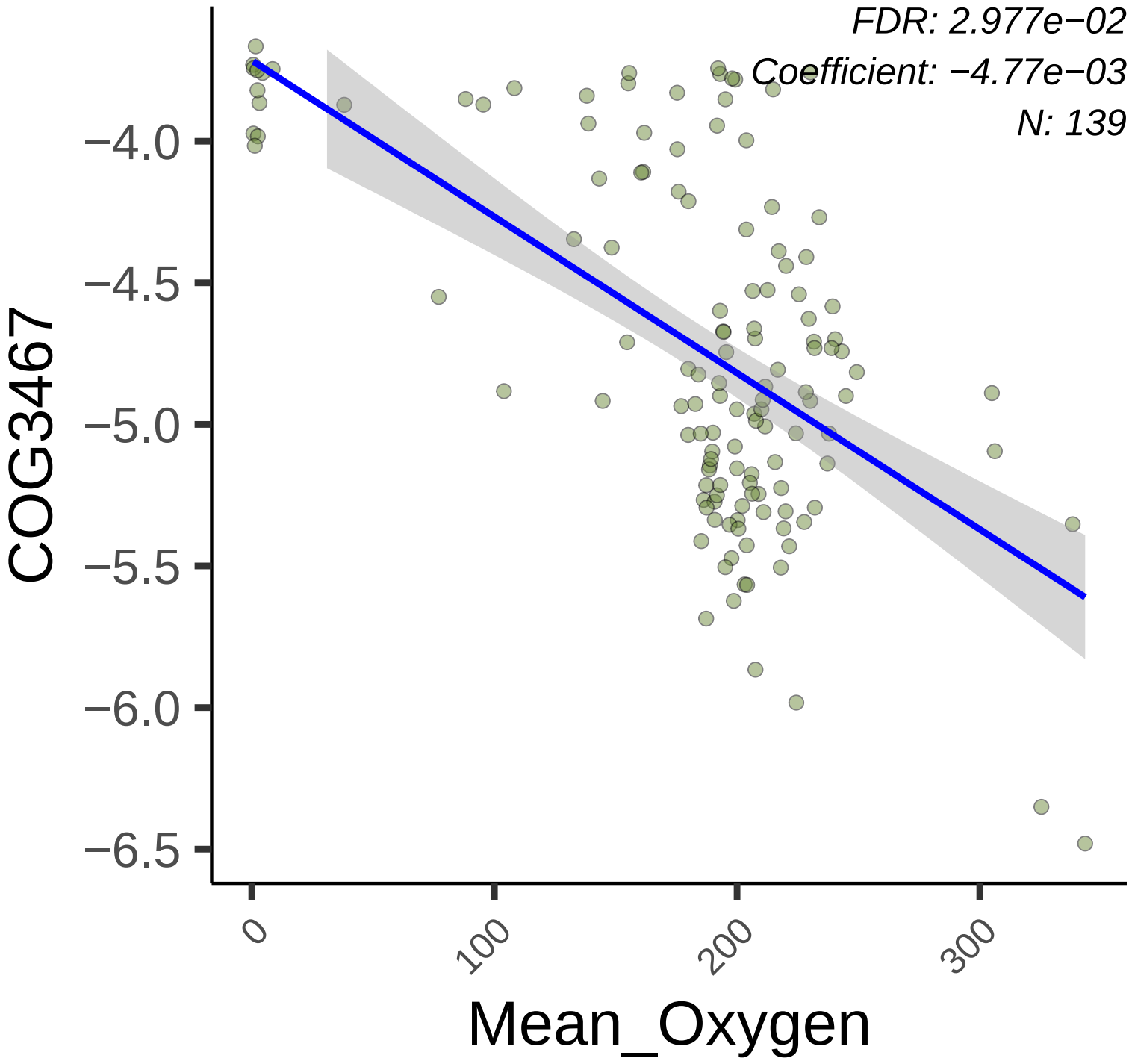
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Coefficient: −4.77e−03
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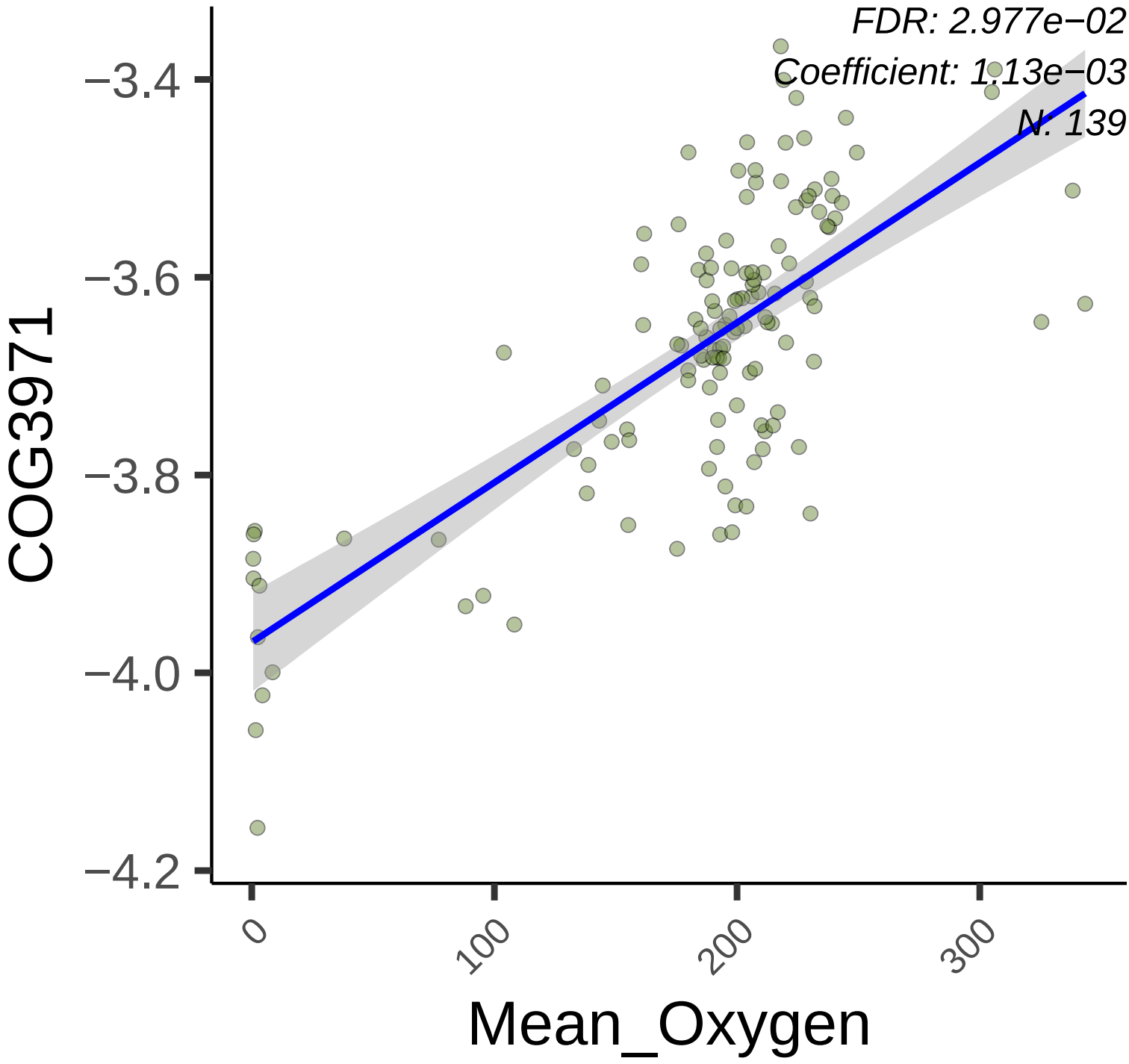
FDR: 2.977e−02
Coefficient: 1.13e−03
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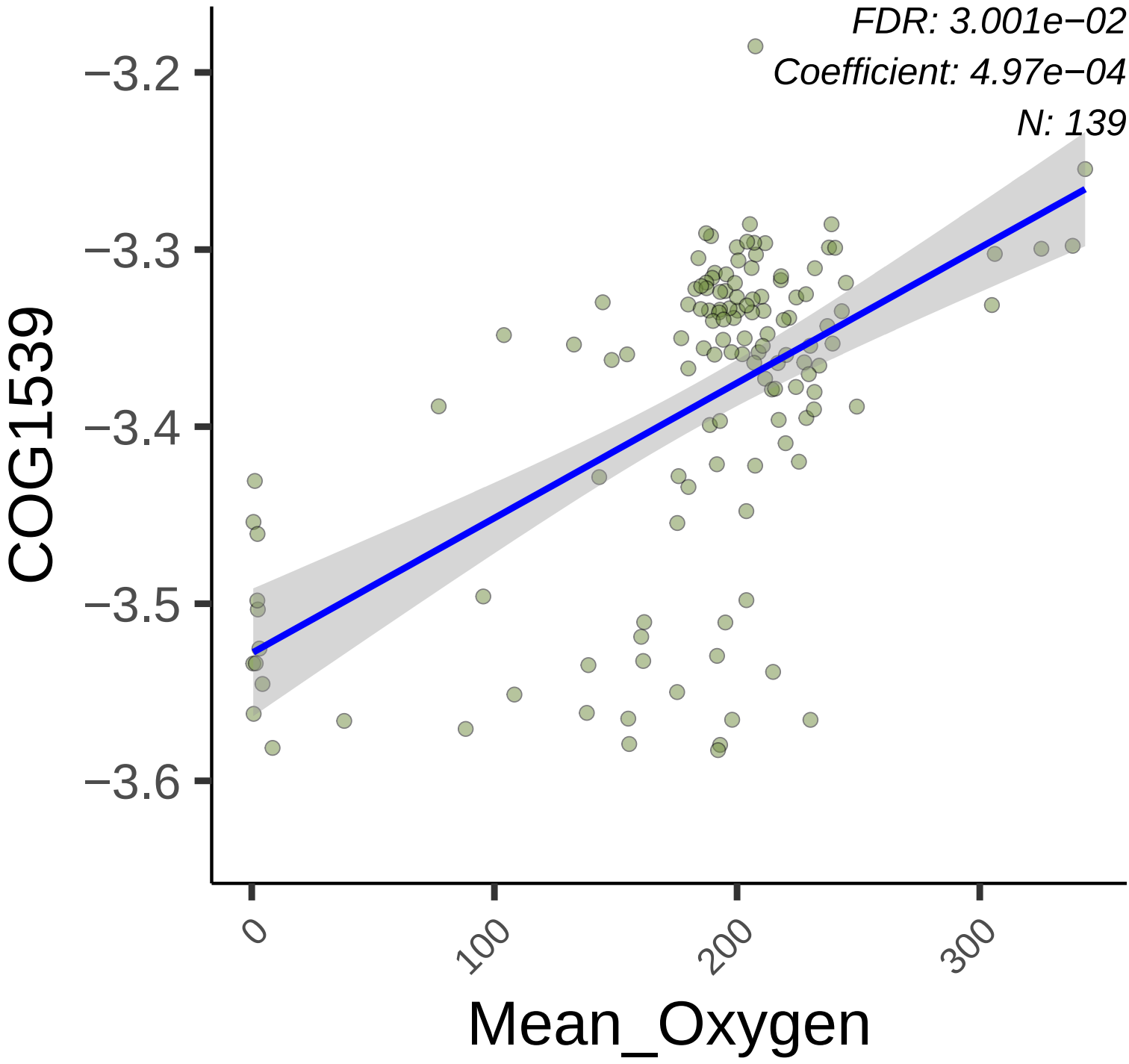
Mean_Oxygen


FDR: 3.001e−02
Coefficient: 4.97e−04
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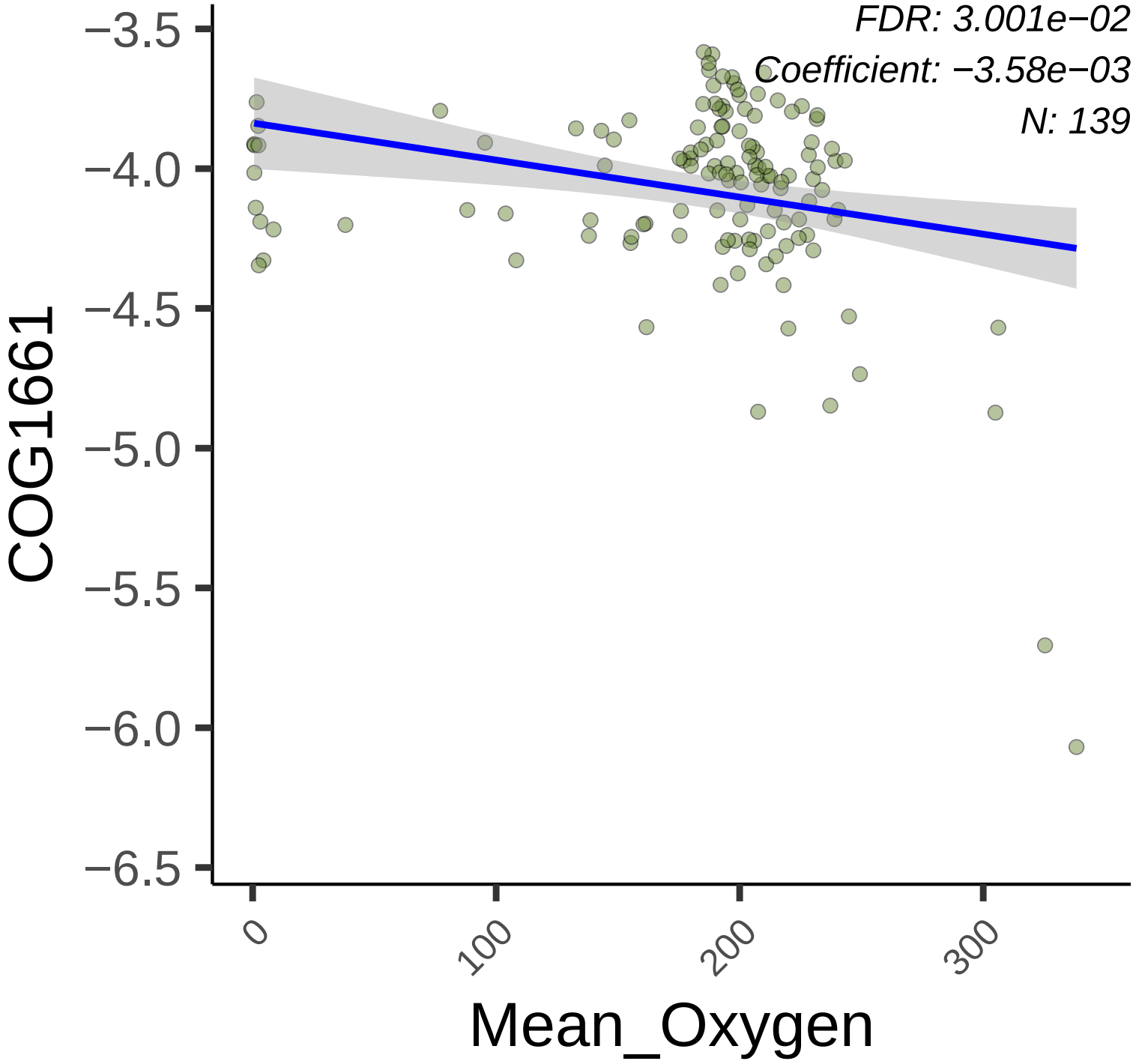
Mean_Oxygen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Coefficient: −3.58e−03
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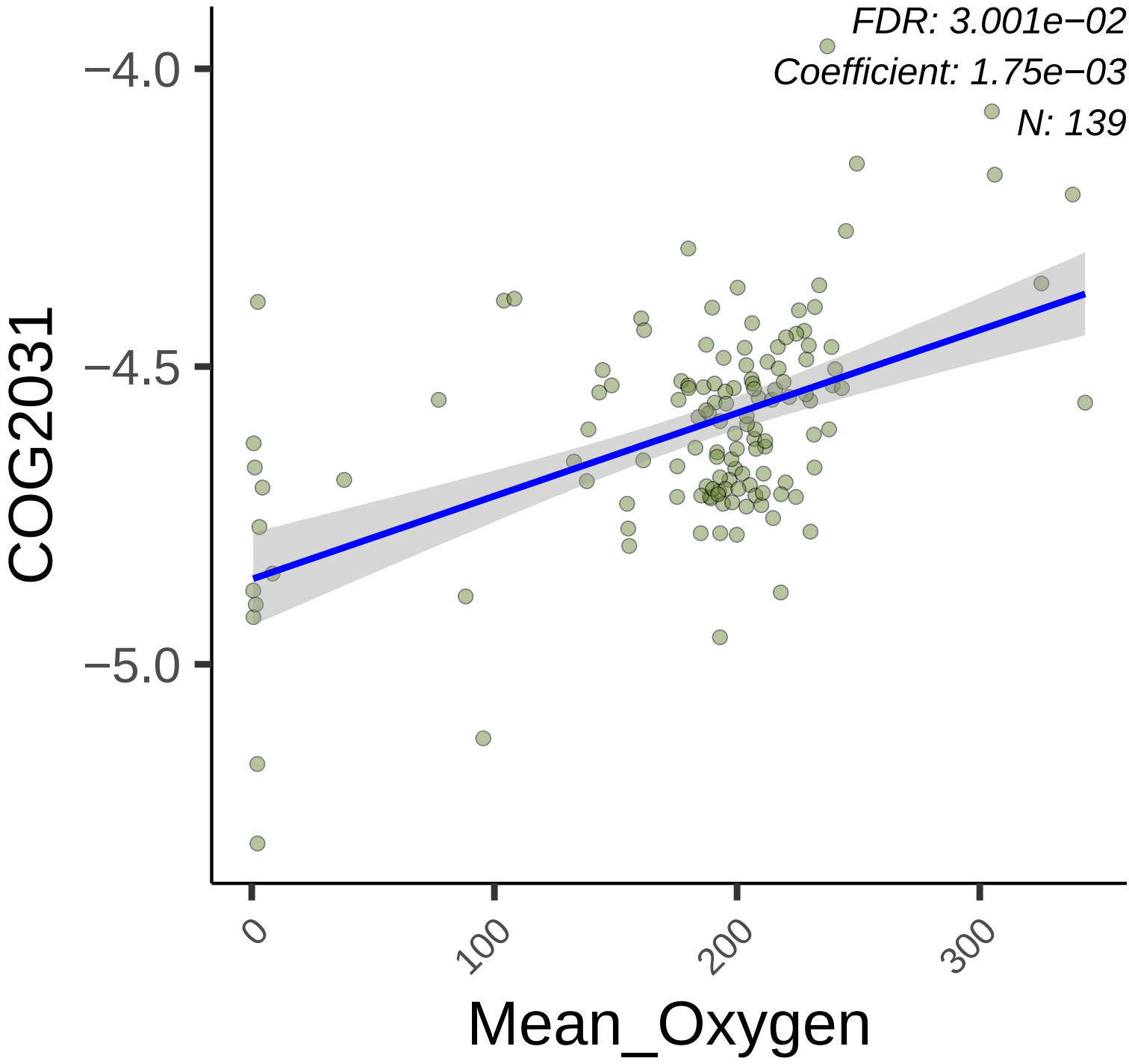
Mean_Oxygen


FDR: 3.001e−02
Coefficient: 1.75e−03
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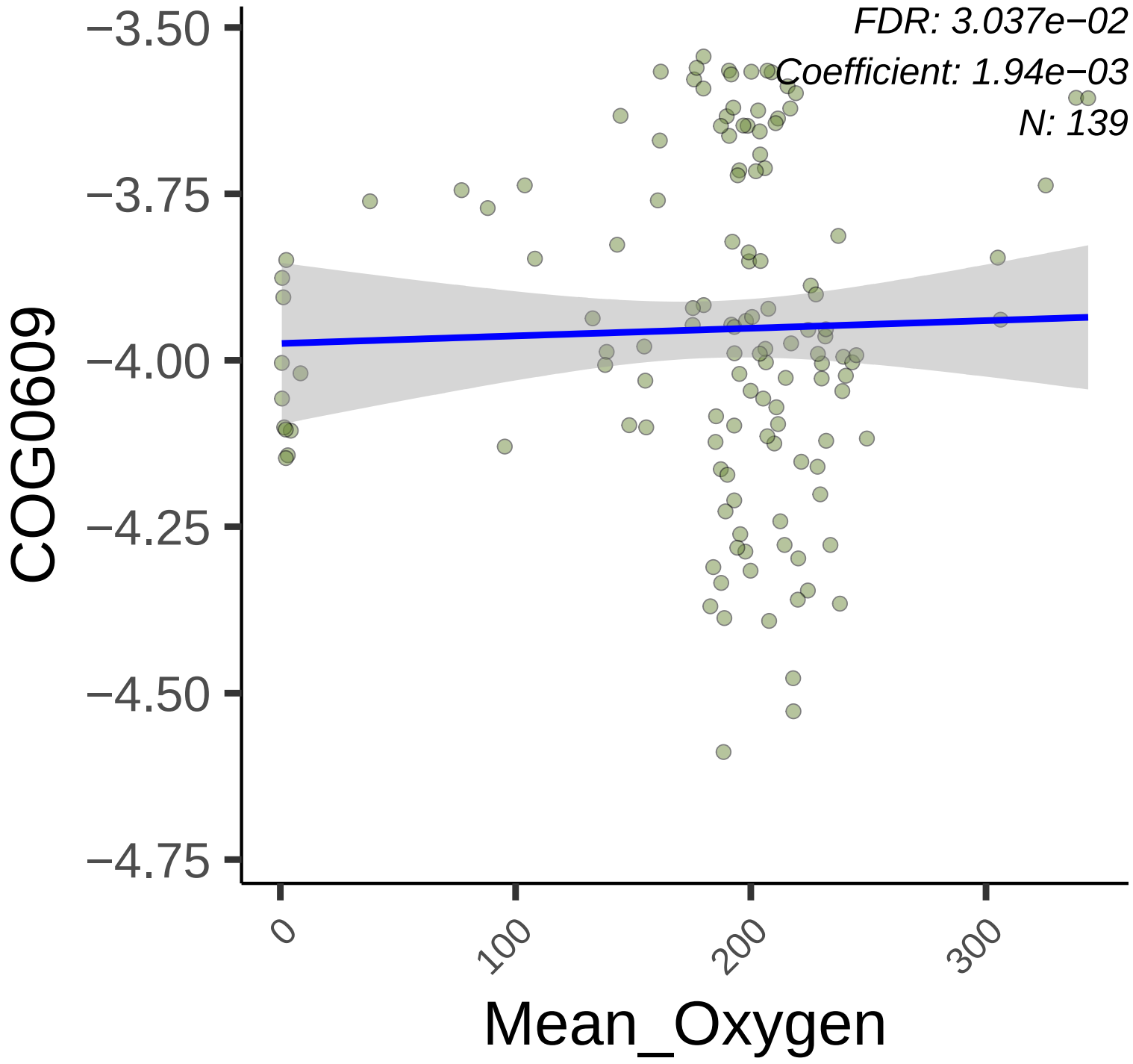
Mean_Oxygen


FDR: 3.037e−02
Coefficient: 1.94e−03
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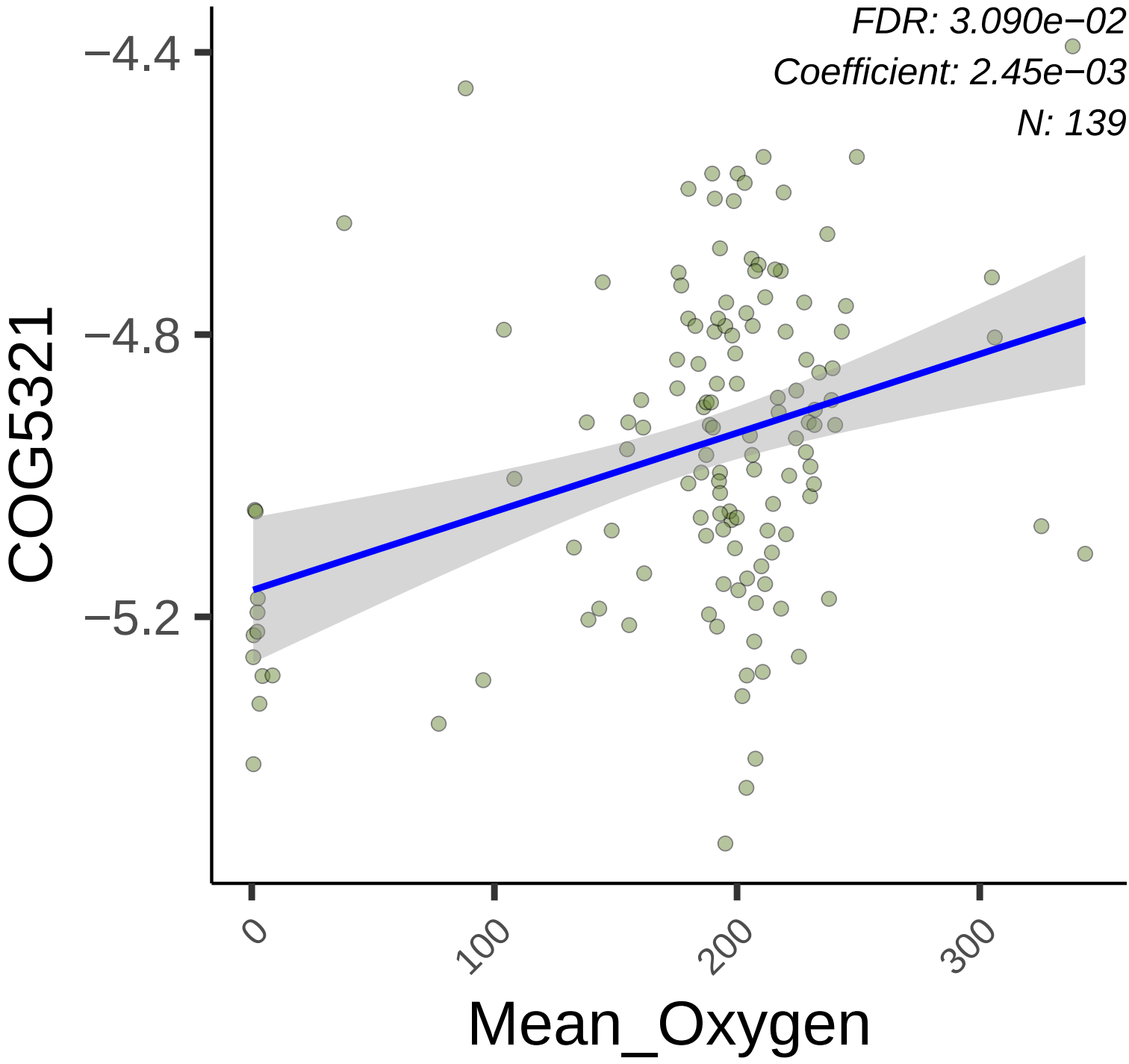
Mean_Oxygen


FDR: 3.090e−02
Coefficient: 2.45e−03
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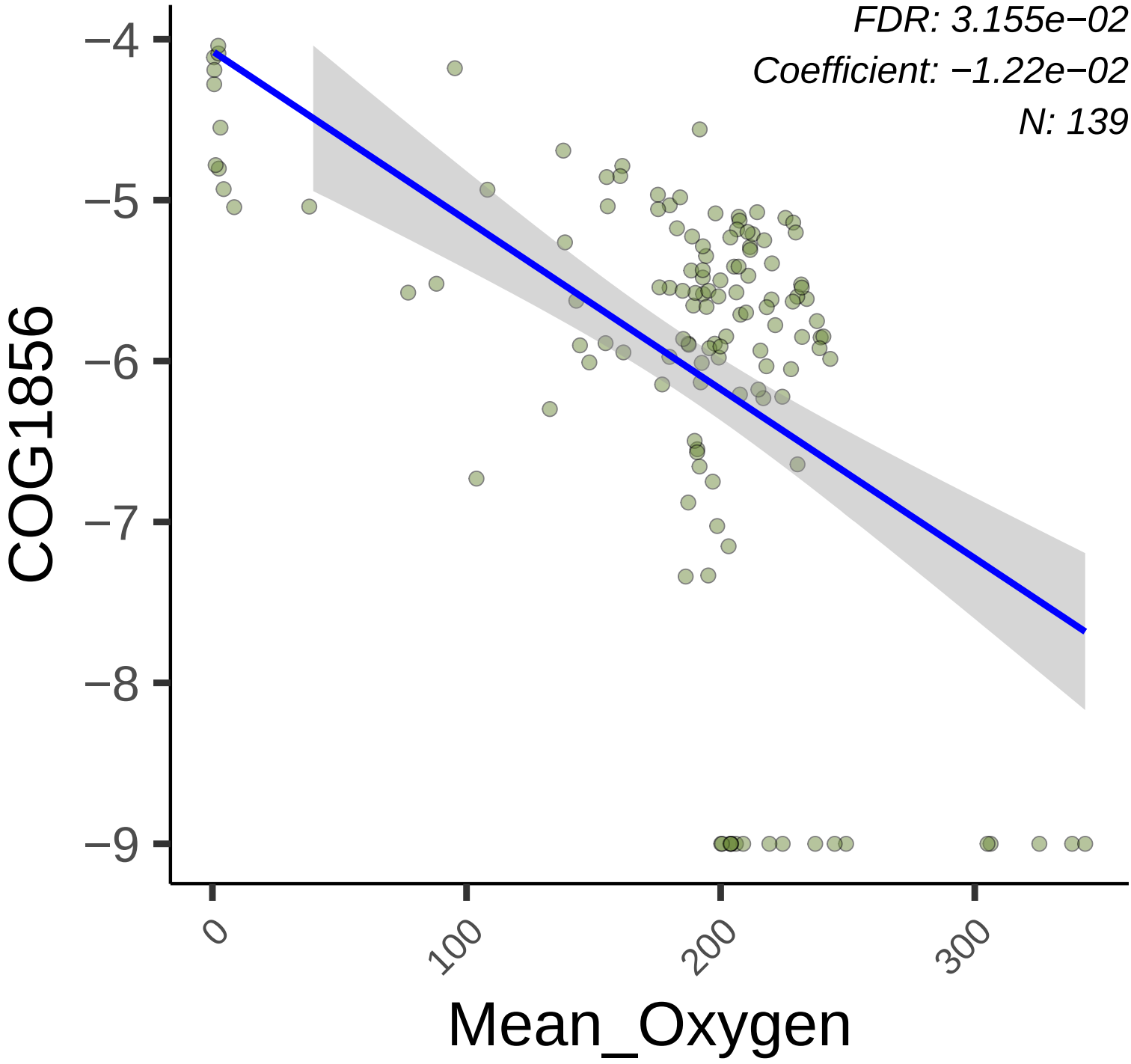
Mean_Oxygen


FDR: 3.155e−02
Coefficient: −1.22e−02
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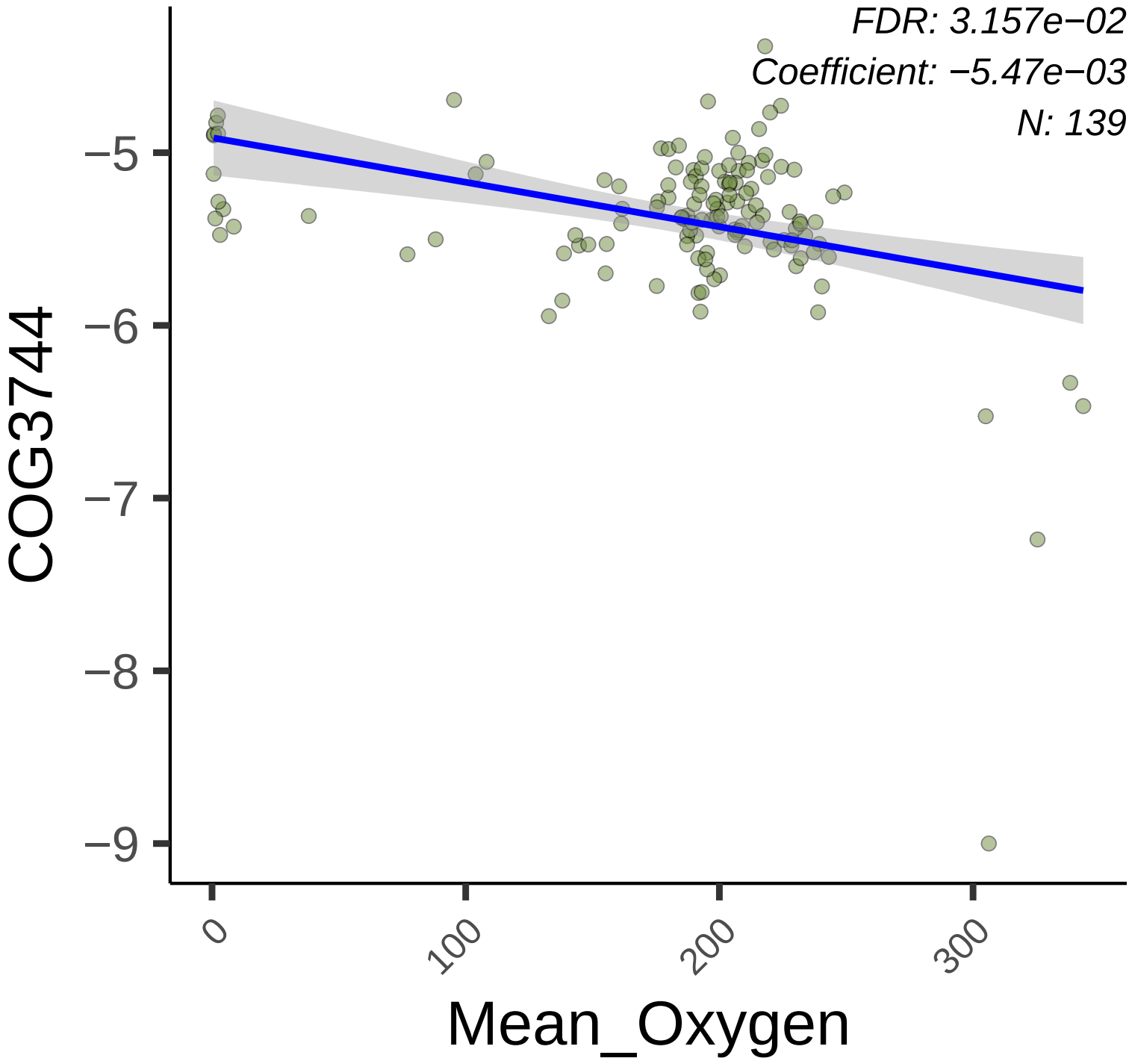
Mean_Oxygen


FDR: 3.157e−02
Coefficient: −5.47e−03
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COG3744
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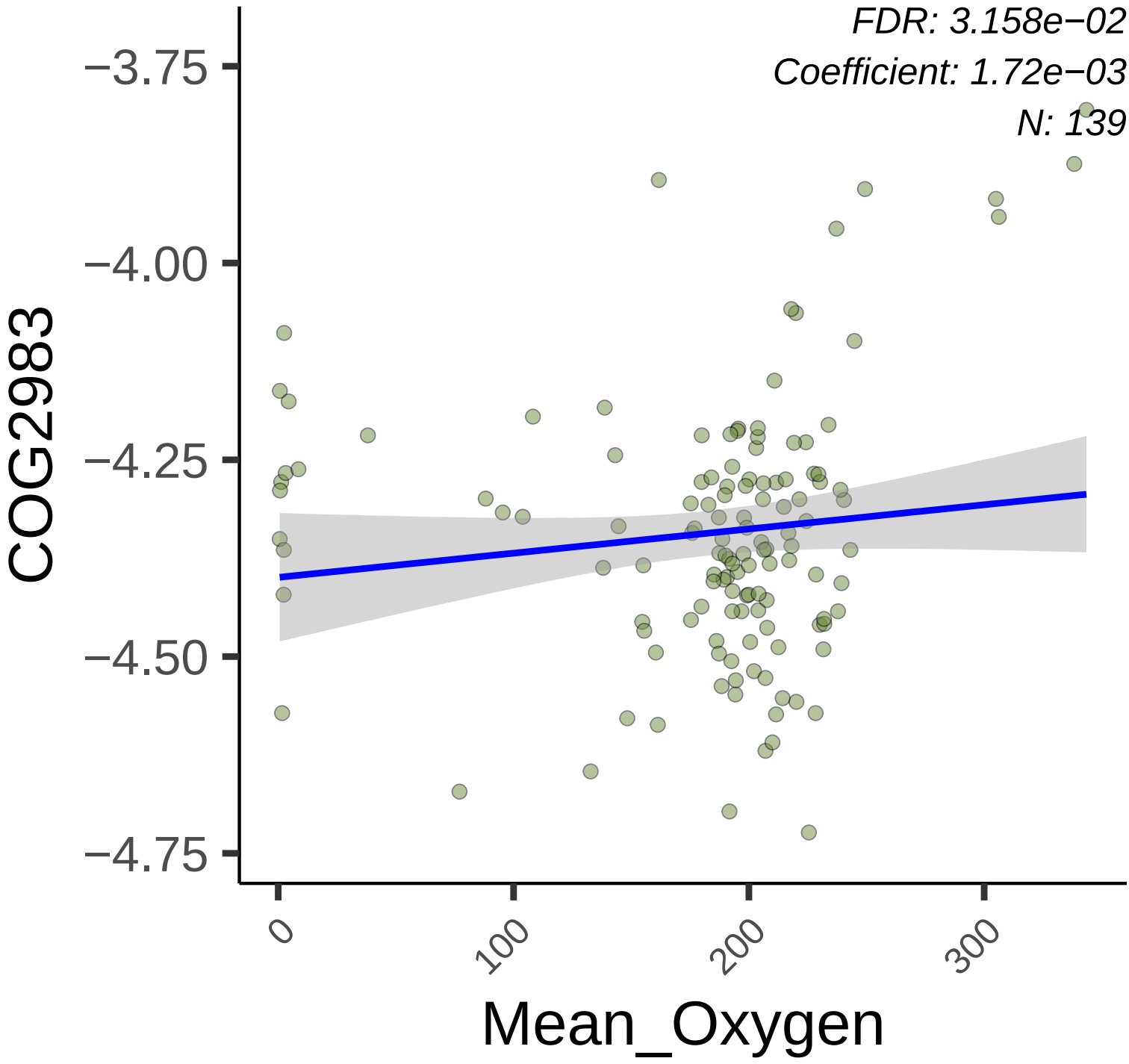
Mean_Oxygen


FDR: 3.158e−02
Coefficient: 1.72e−03
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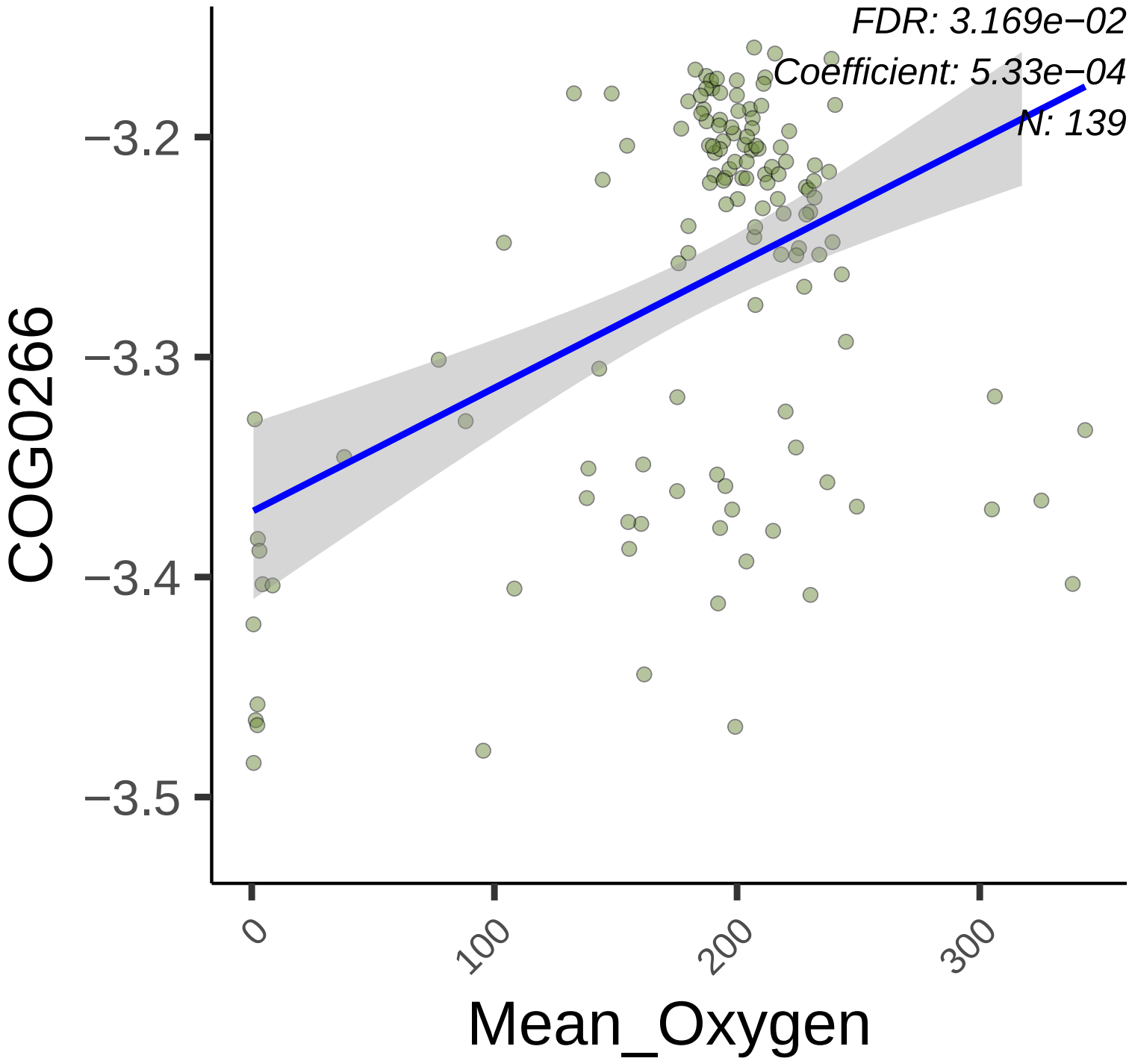
Mean_Oxygen


FDR: 3.169e−02
Coefficient: 5.33e−04
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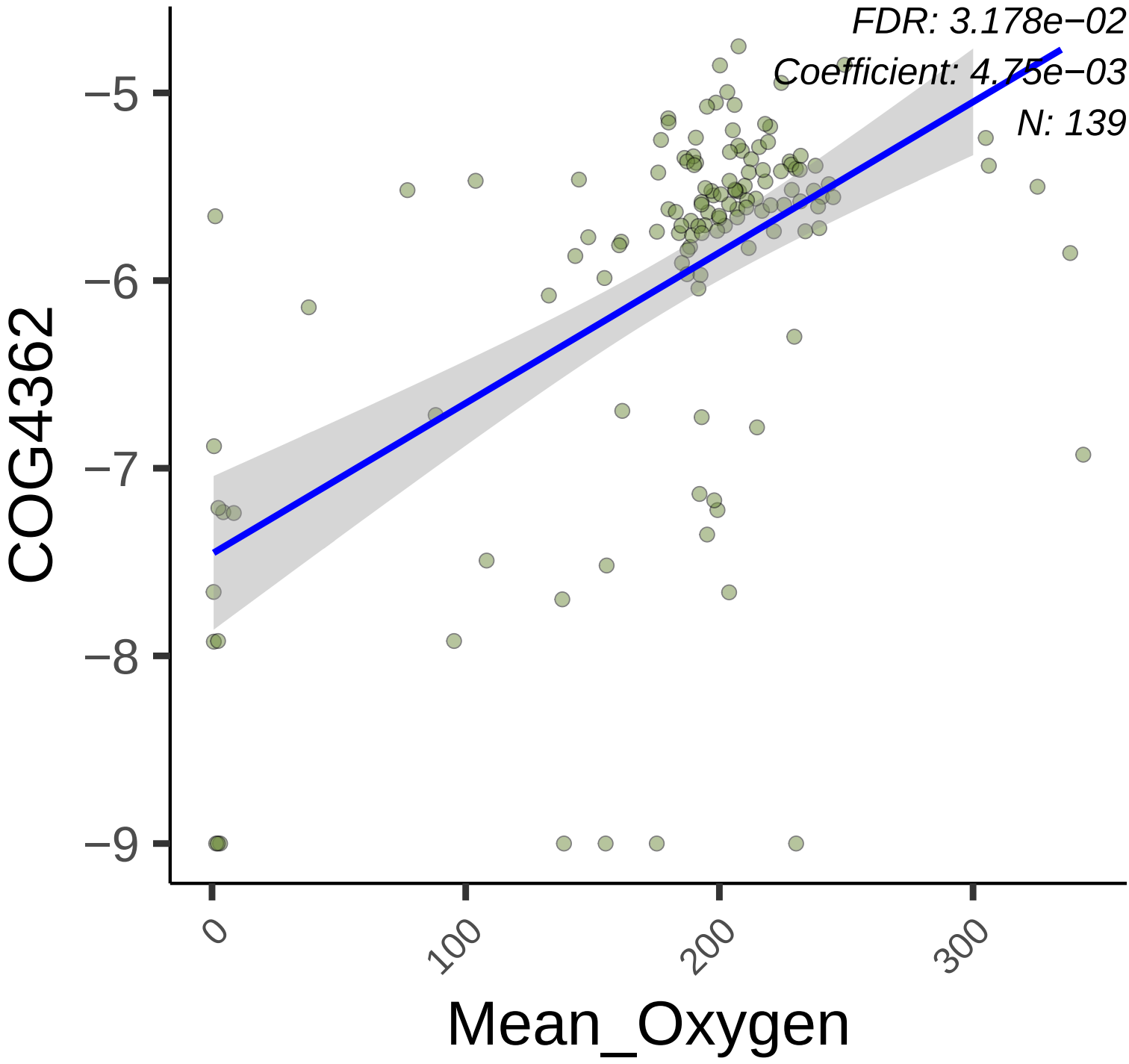
Mean_Oxygen


FDR: 3.178e−02
Coefficient: 4.75e−03
N: 139
COG4362
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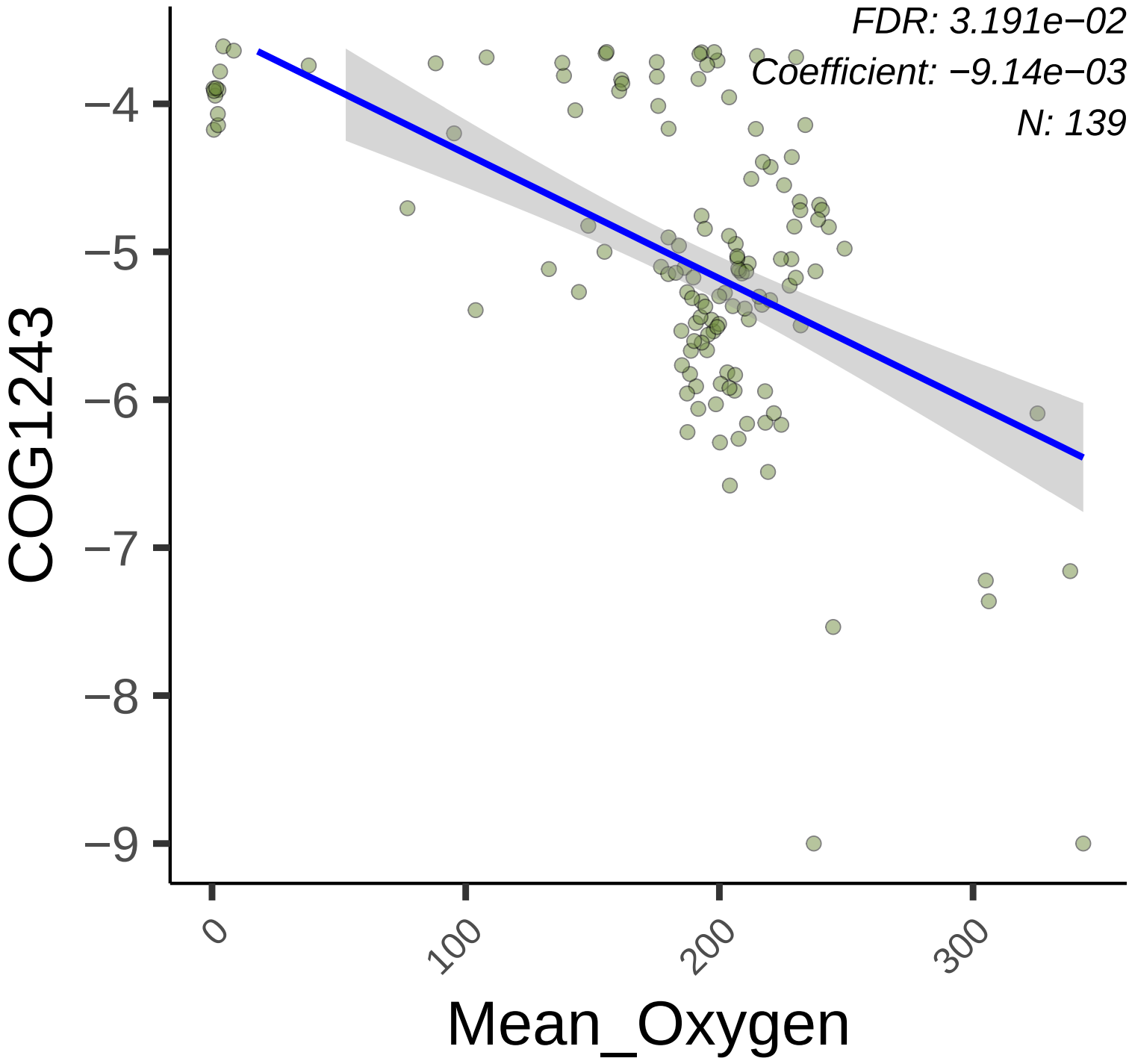
Mean_Oxygen


FDR: 3.191e−02
Coefficient: −9.14e−03
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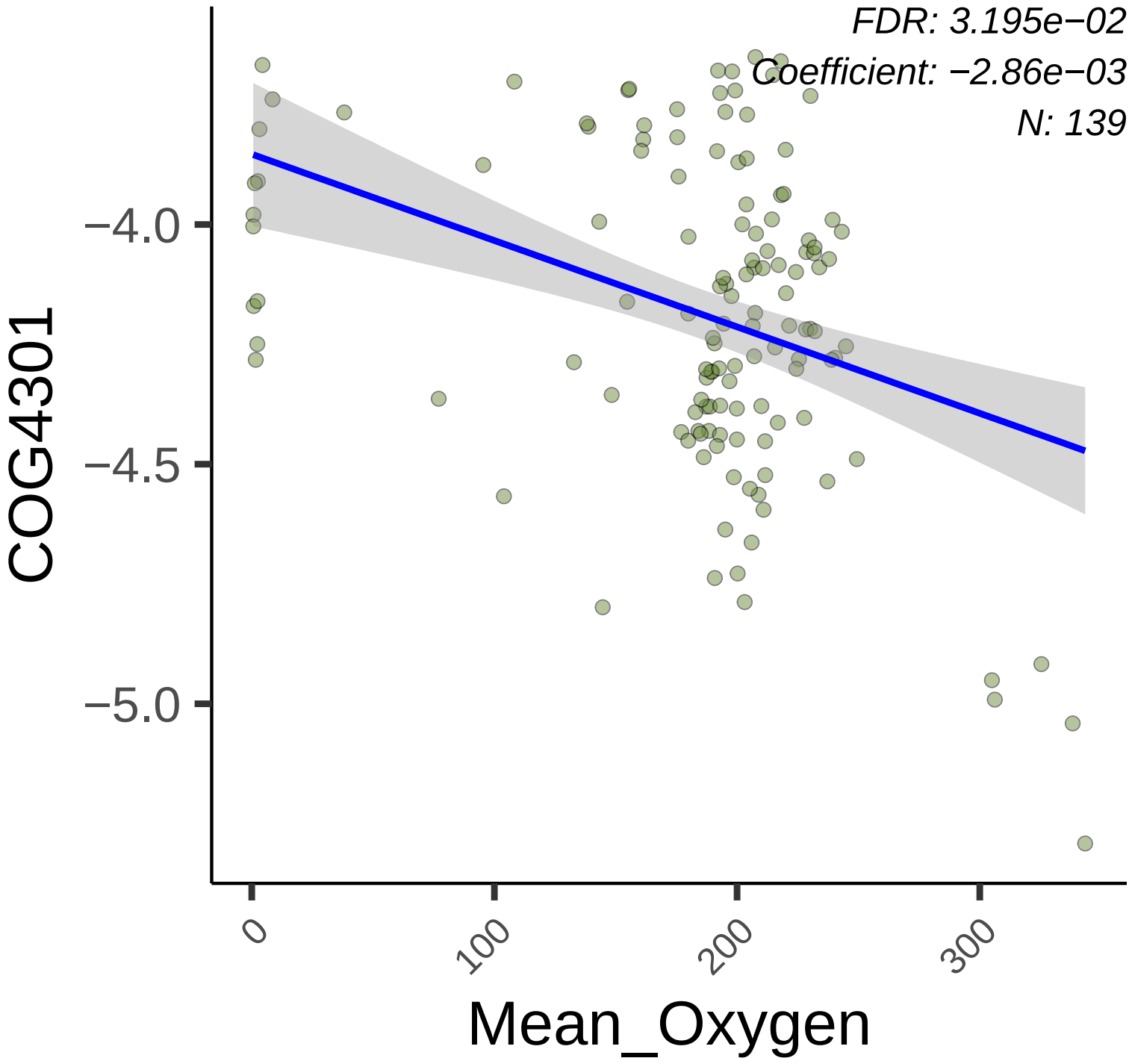
Mean_Oxygen


FDR: 3.195e−02
Coefficient: −2.86e−03
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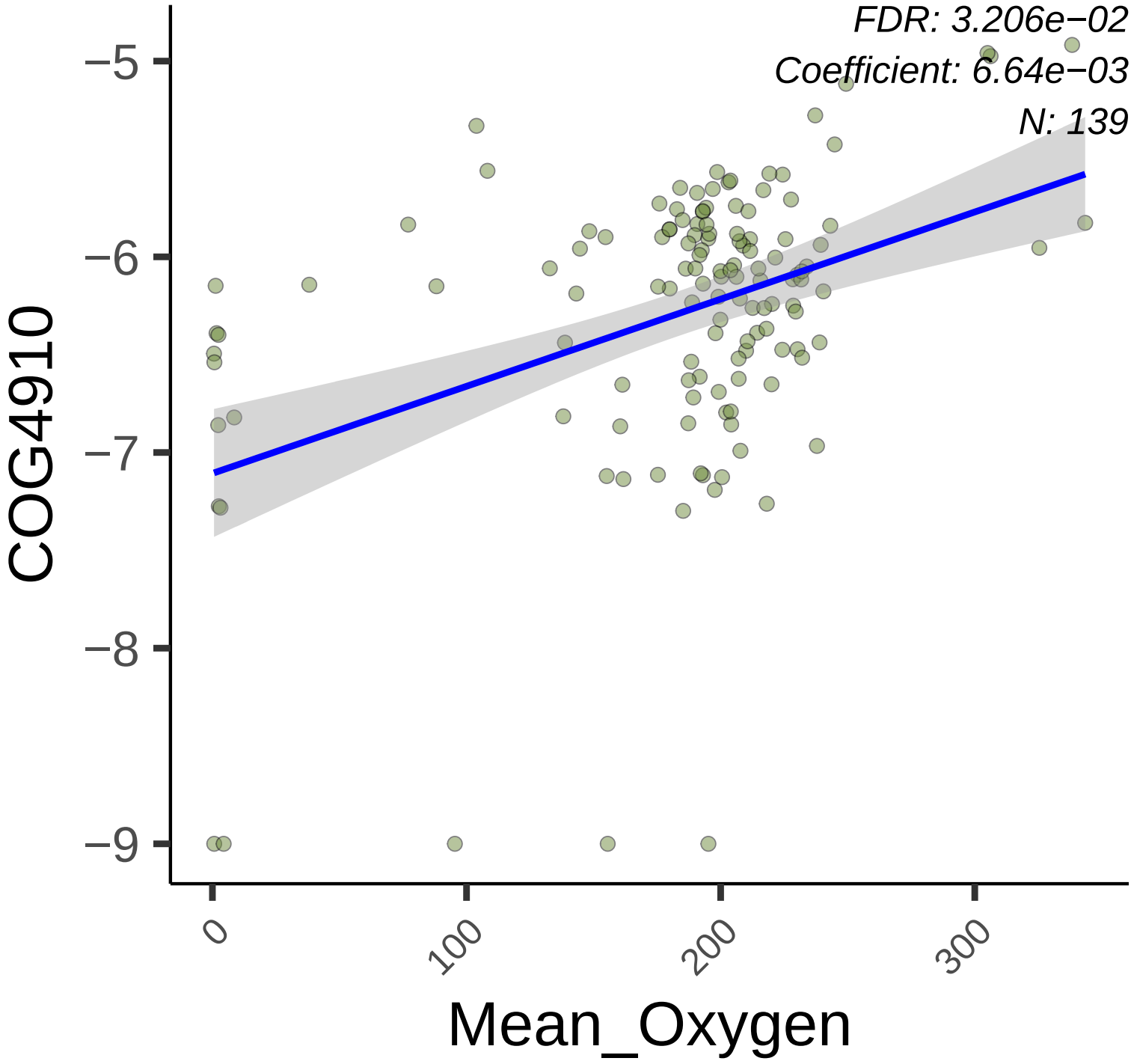
Mean_Oxygen


FDR: 3.206e−02
Coefficient: 6.64e−03
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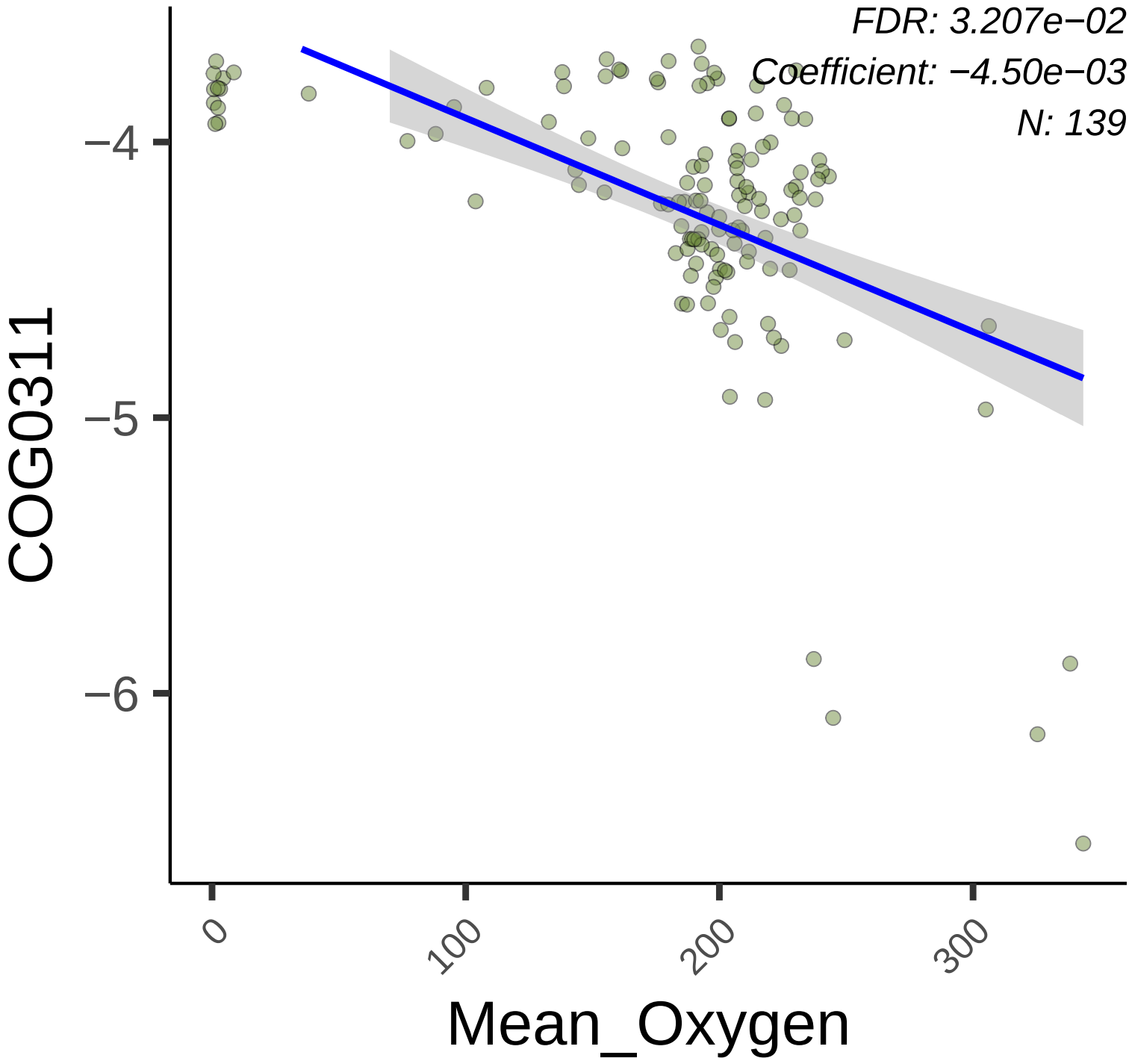
Mean_Oxygen


FDR: 3.207e−02
Coefficient: −4.50e−03
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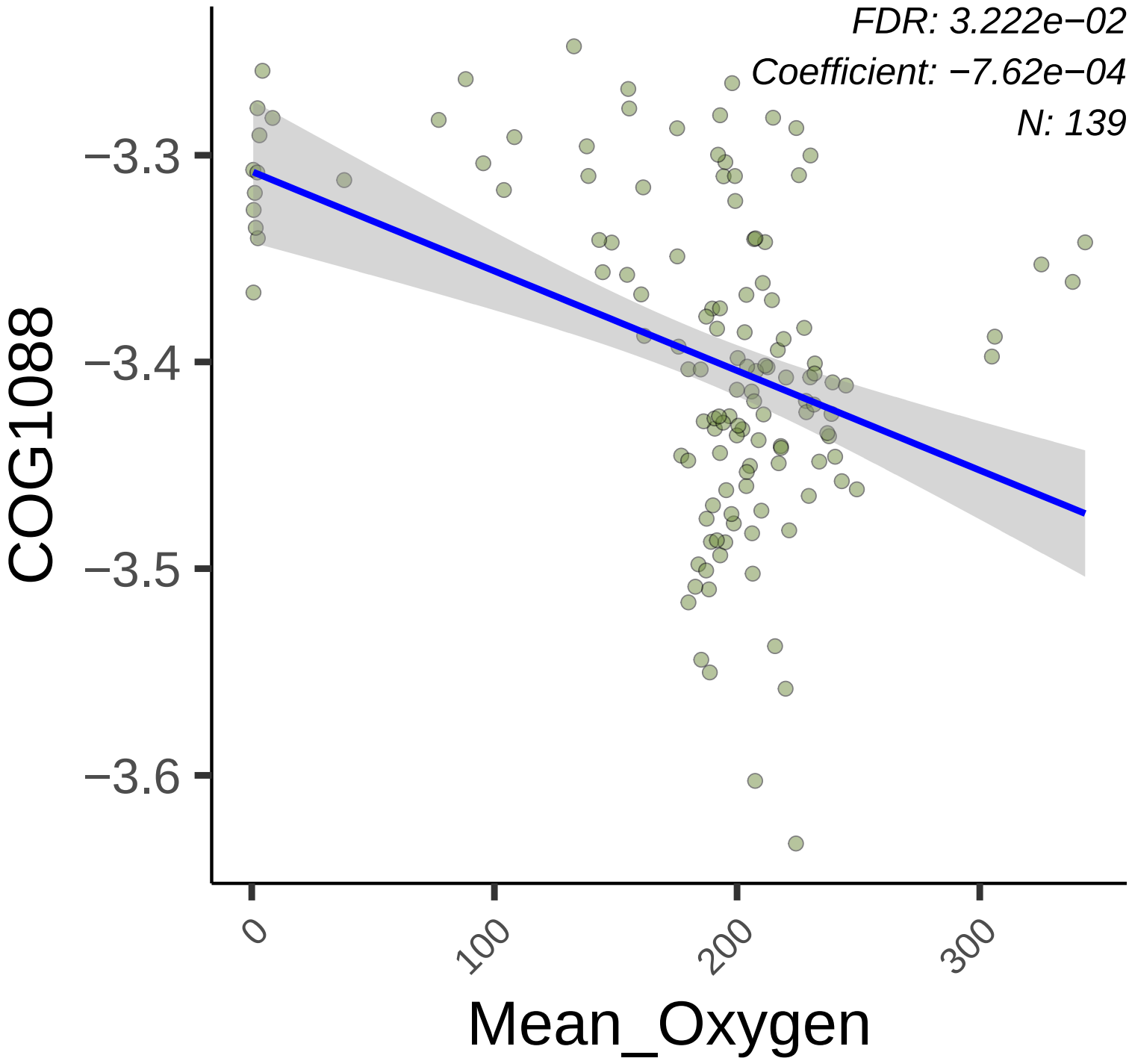
Mean_Oxygen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Coefficient: −7.62e−04
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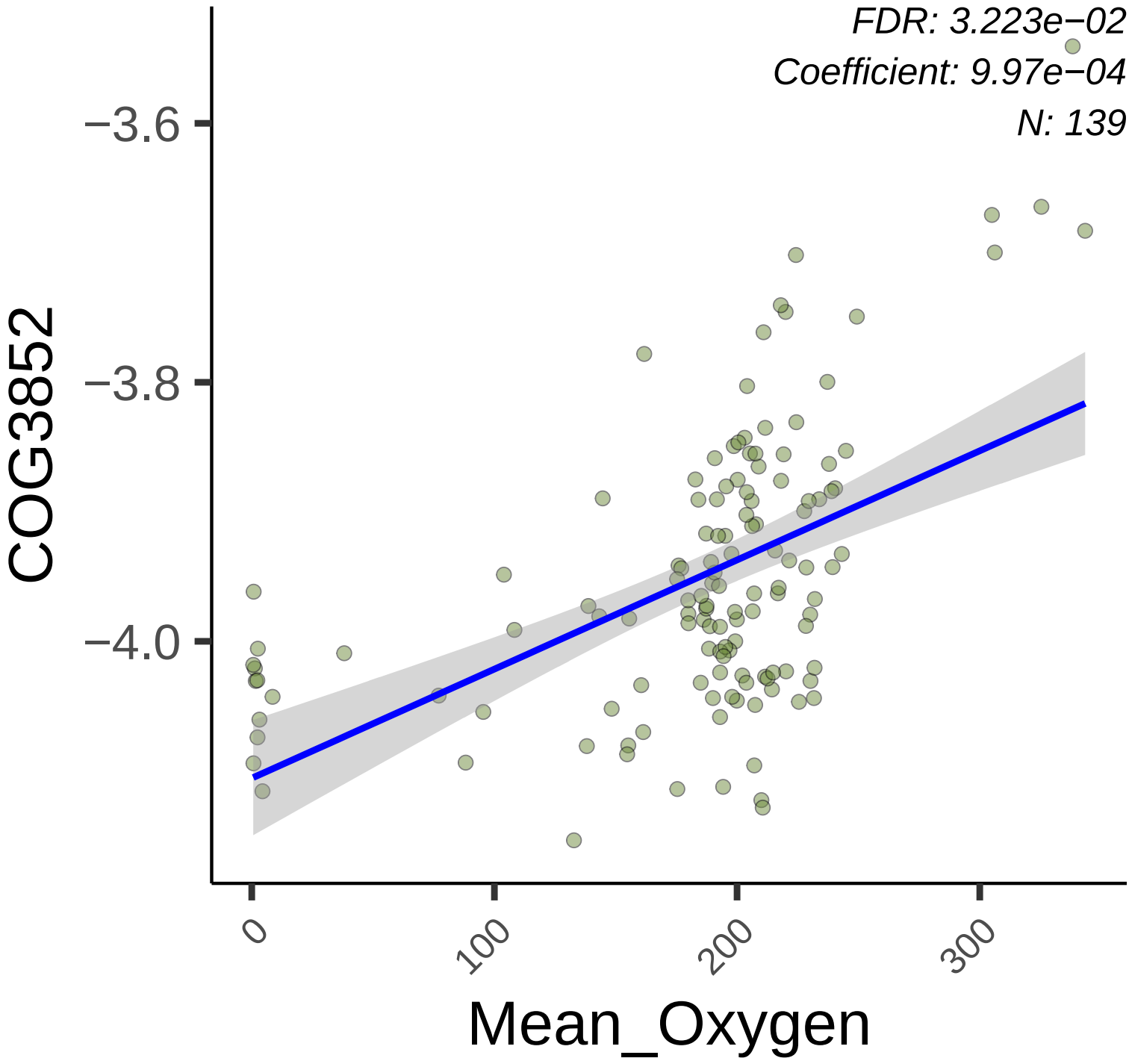
Mean_Oxygen


FDR: 3.223e−02
Coefficient: 9.97e−04
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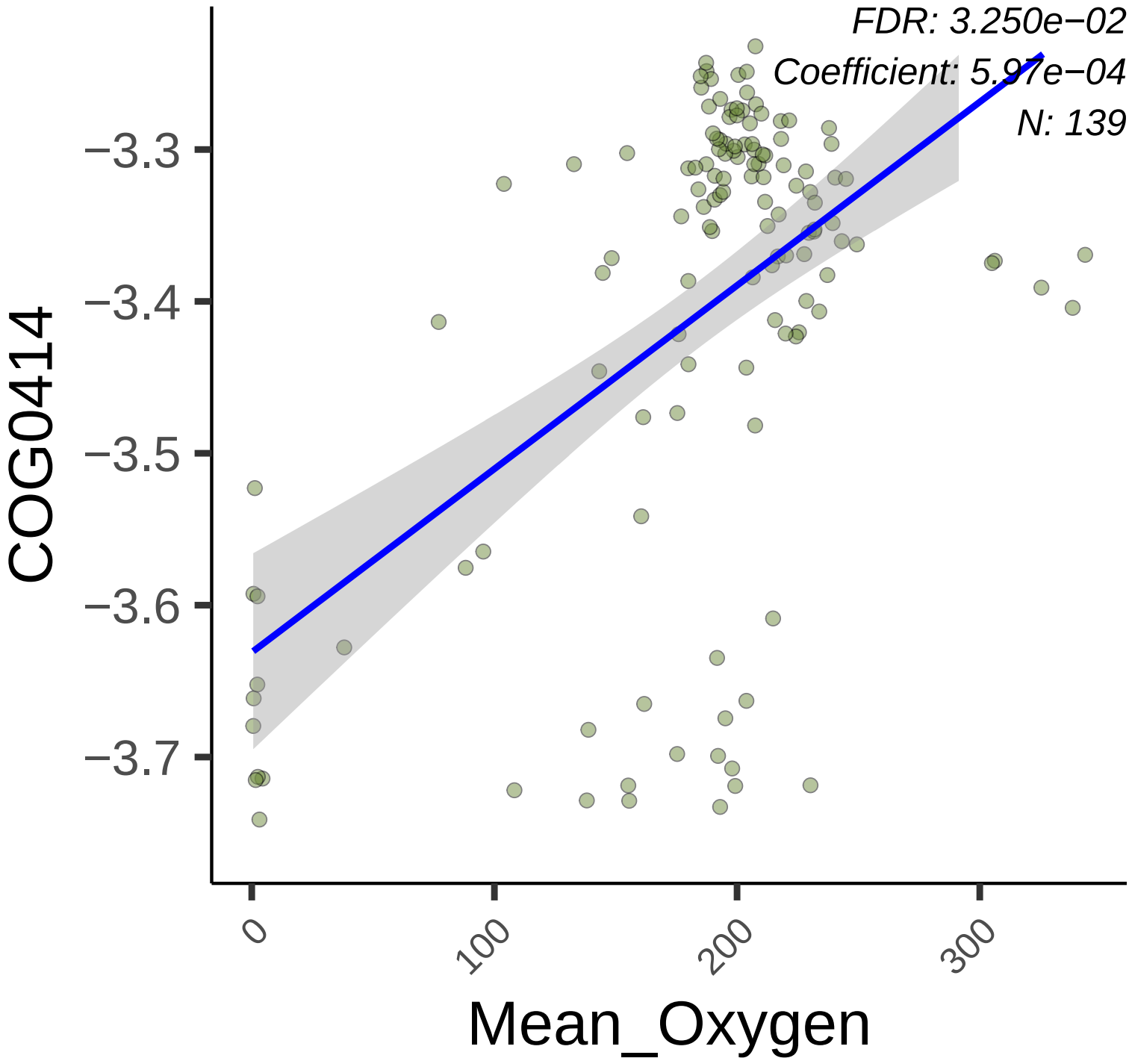
Mean_Oxygen


FDR: 3.250e−02
Coefficient: 5.97e−04
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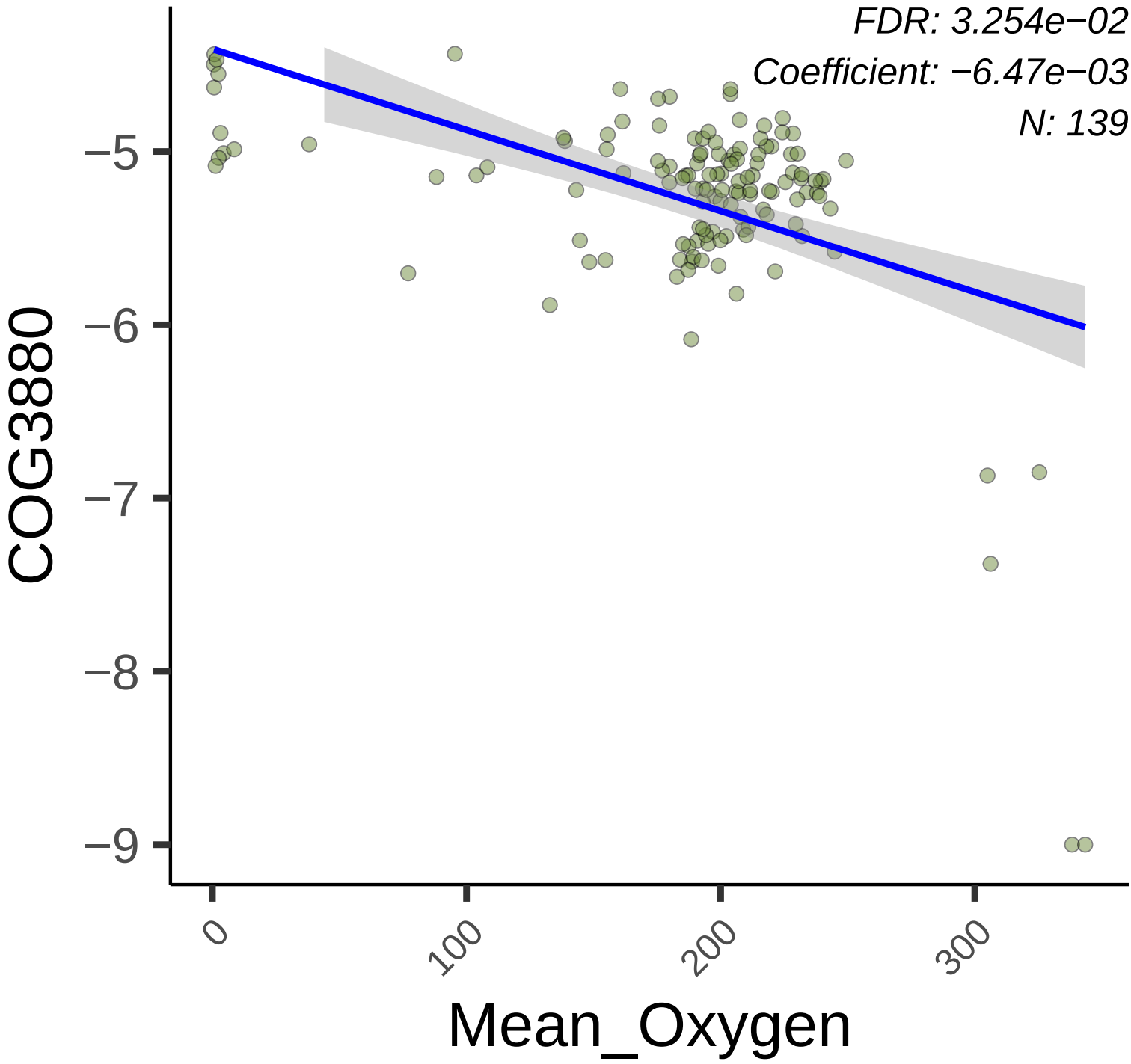
Mean_Oxygen


FDR: 3.254e−02
Coefficient: −6.47e−03
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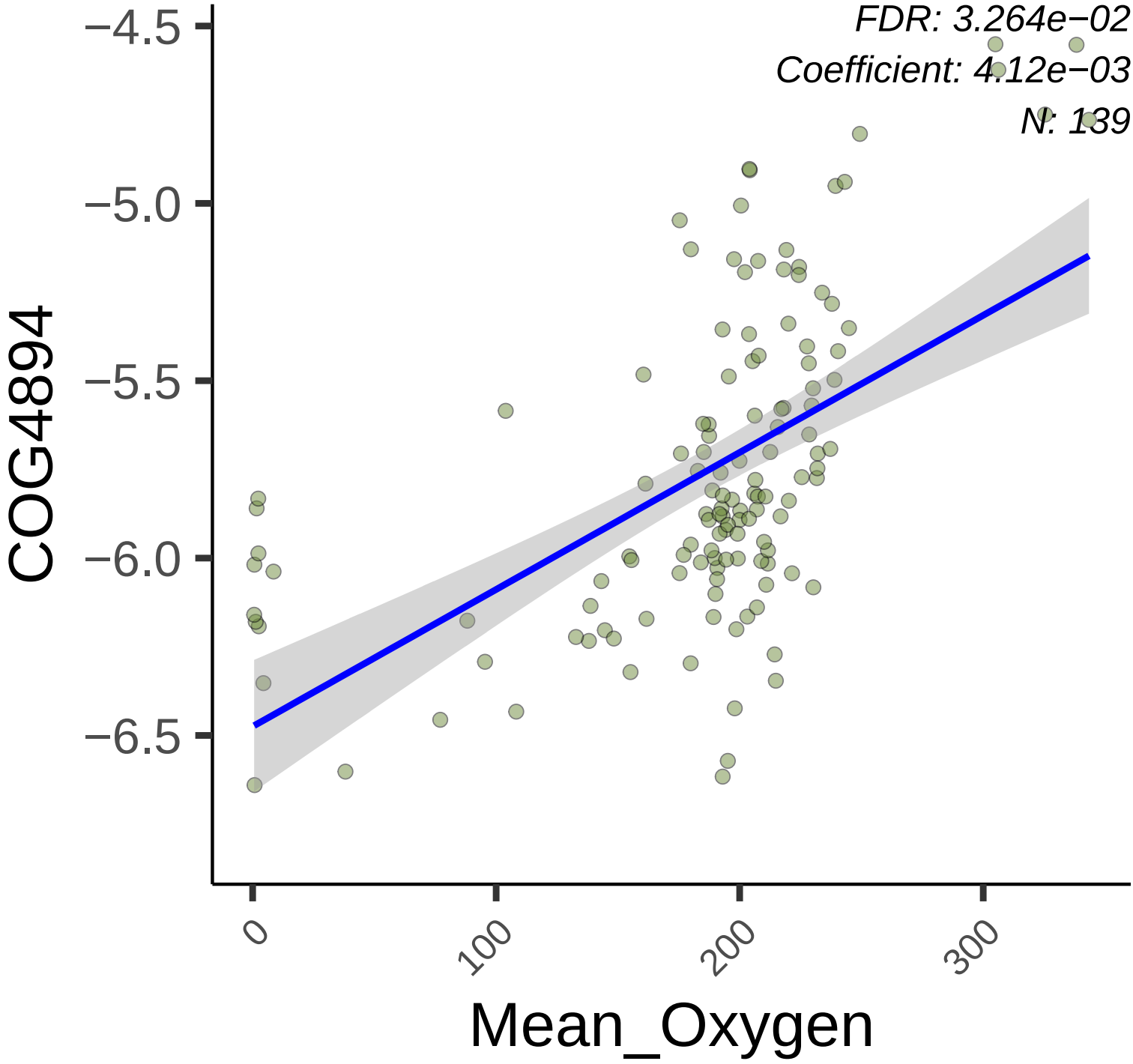
Mean_Oxygen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Coefficient: 4.12e−03
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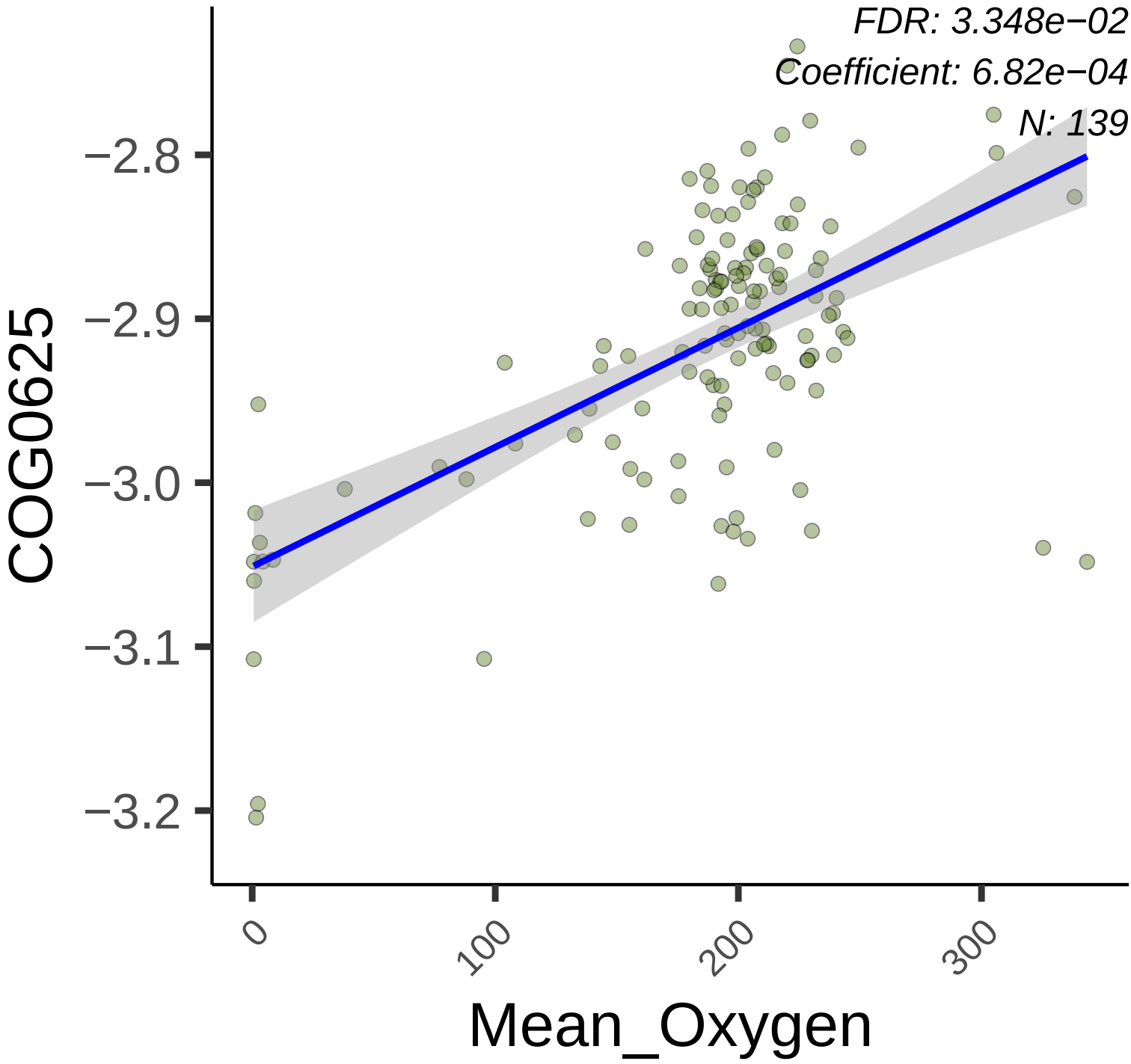
Mean_Oxygen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Coefficient: 6.82e−04
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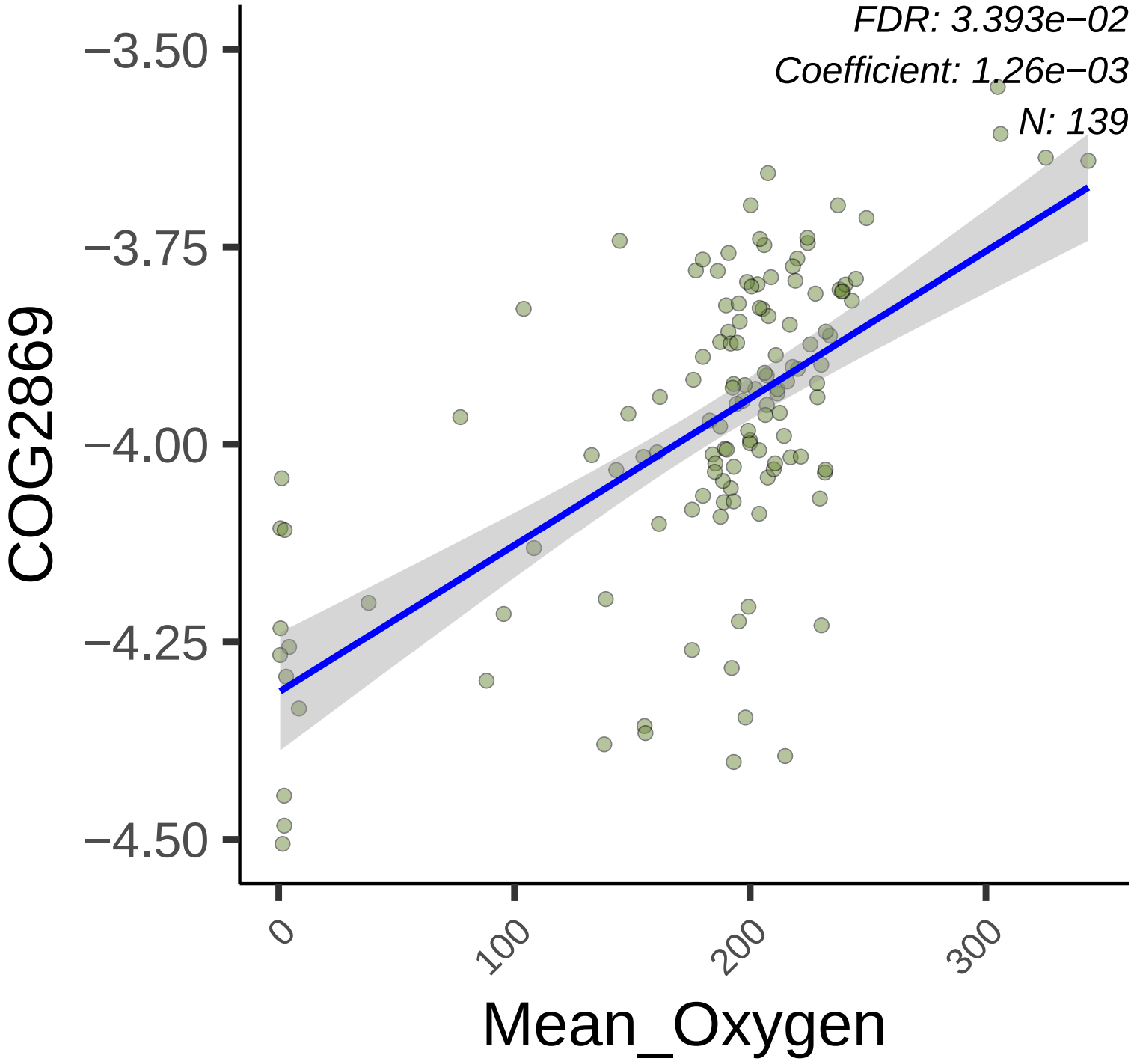
Mean_Oxygen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Coefficient: 1.26e−03
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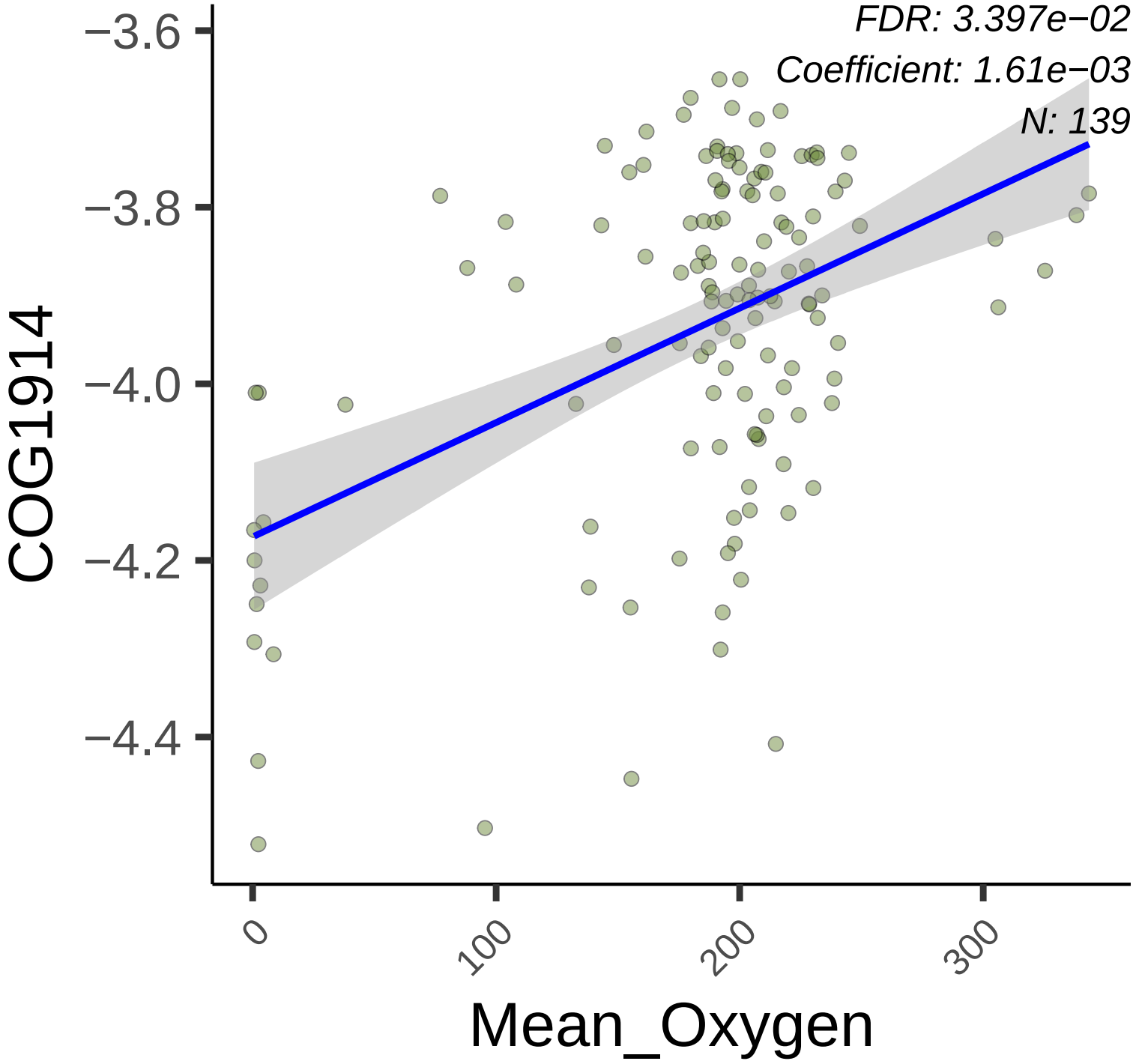
FDR: 3.397e−02
Coefficient: 1.61e−03
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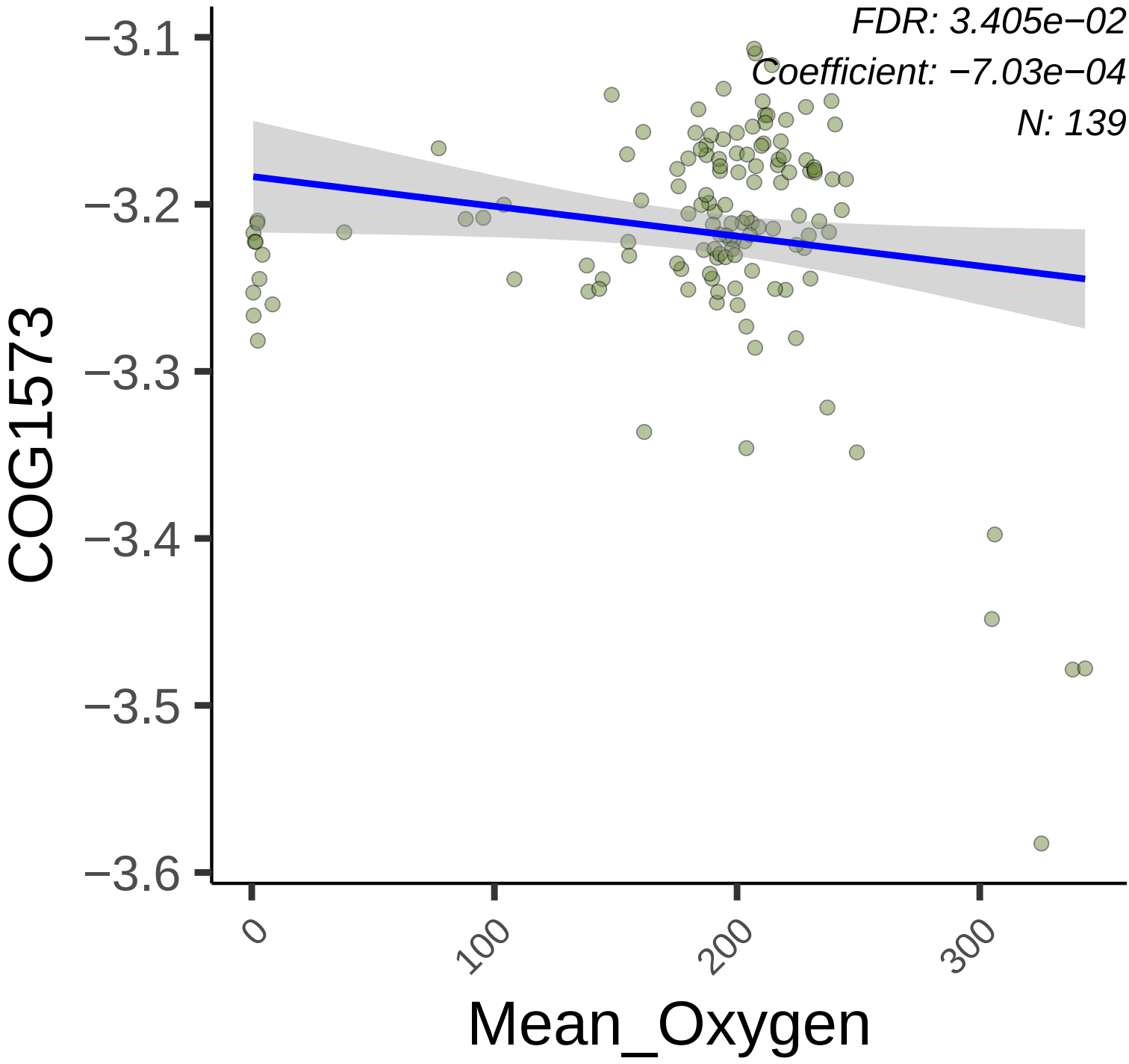
Mean_Oxygen


FDR: 3.405e−02
Coefficient: −7.03e−04
N: 139
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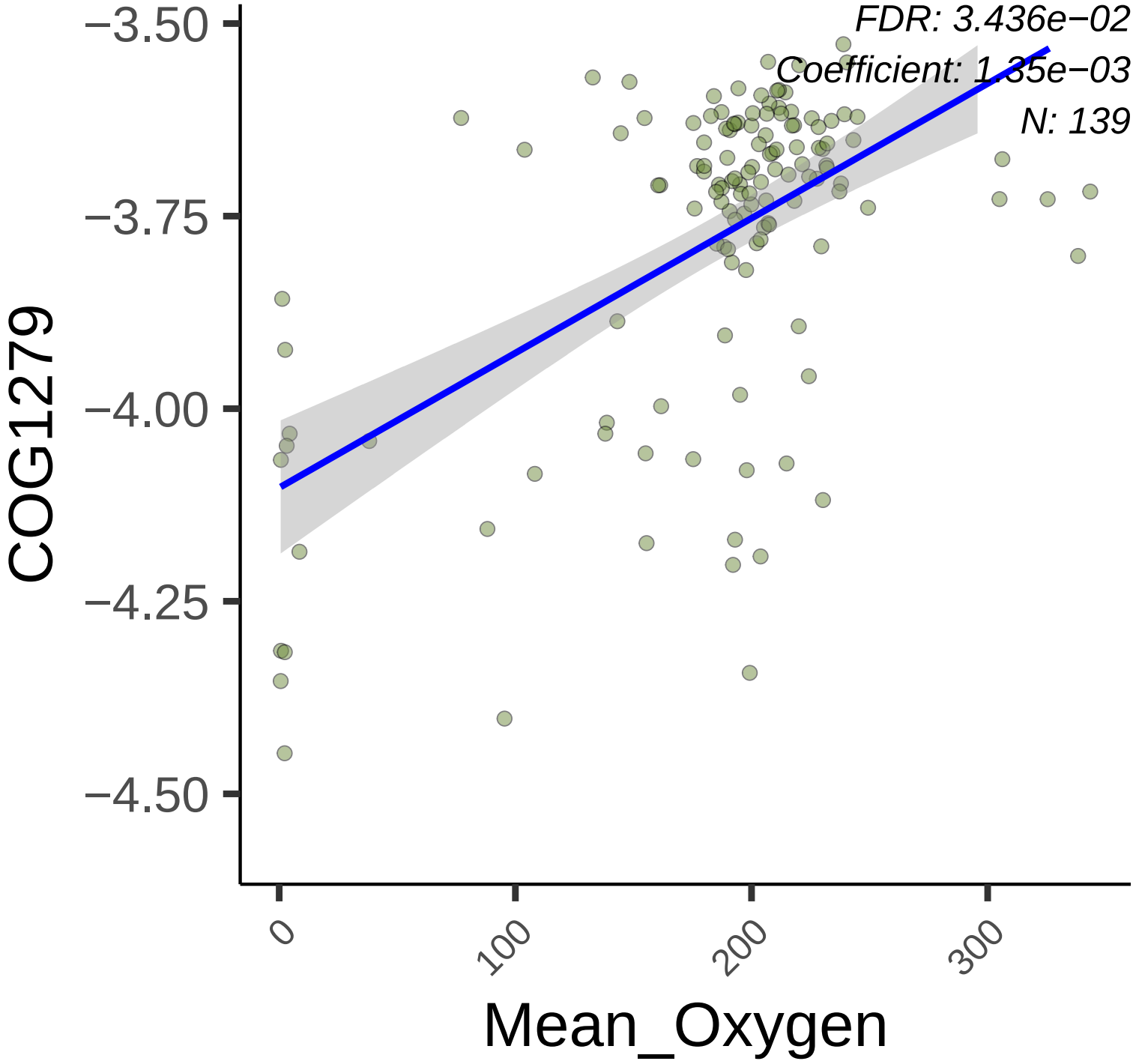
Mean_Oxygen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Coefficient: 1.35e−03
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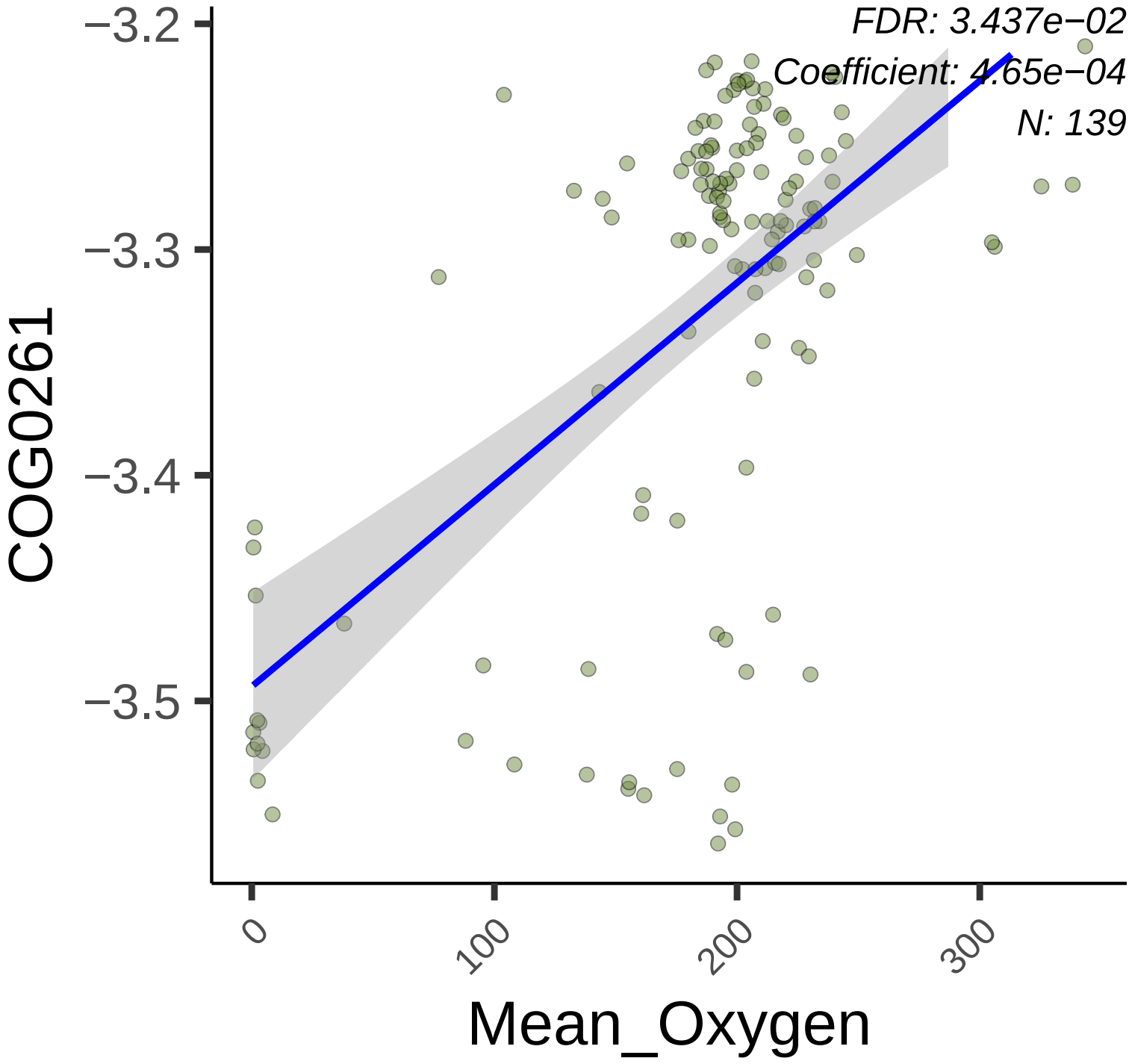
Mean_Oxygen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Coefficient: 4.65e−04
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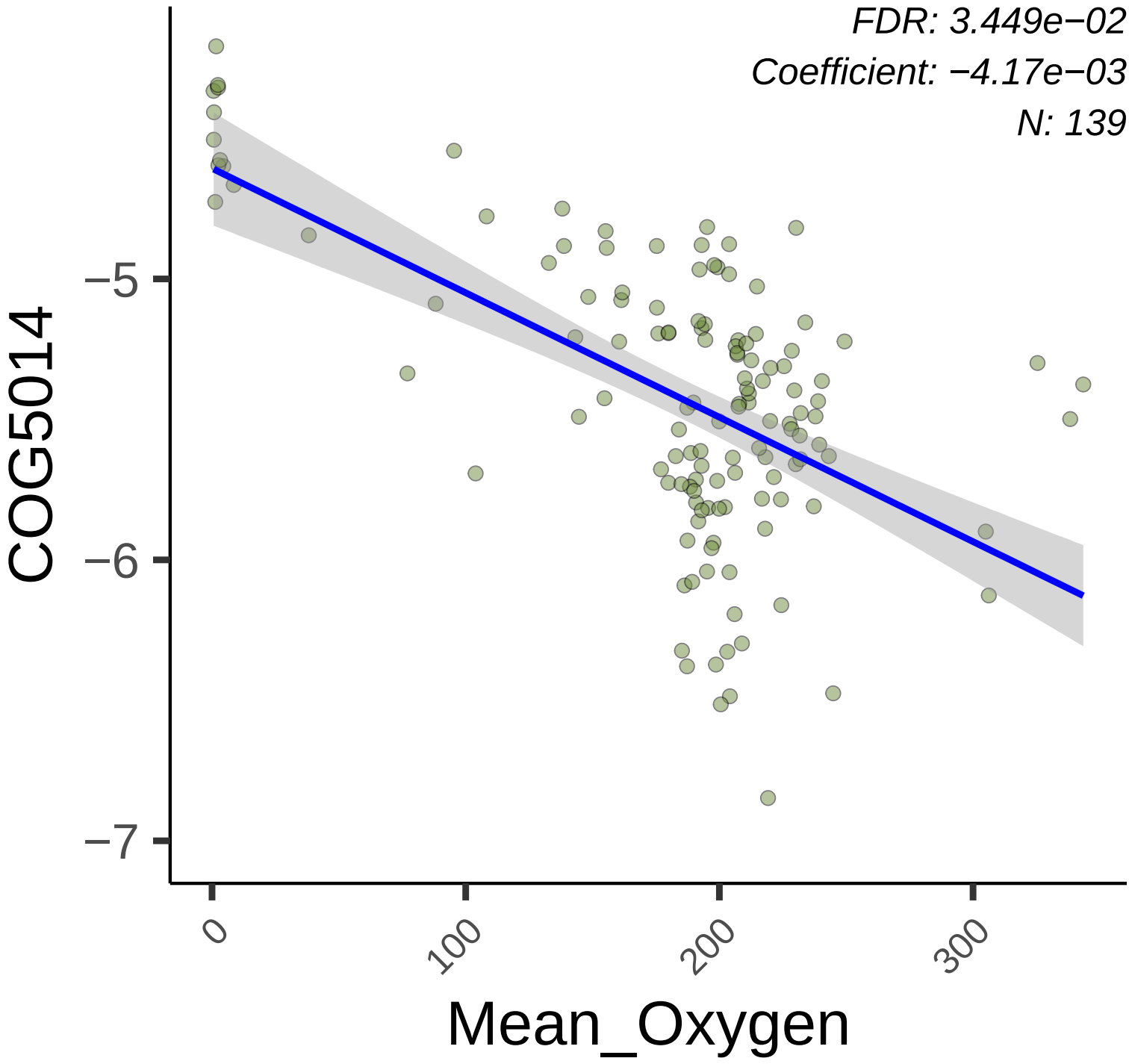
Mean_Oxygen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Coefficient: −4.17e−03
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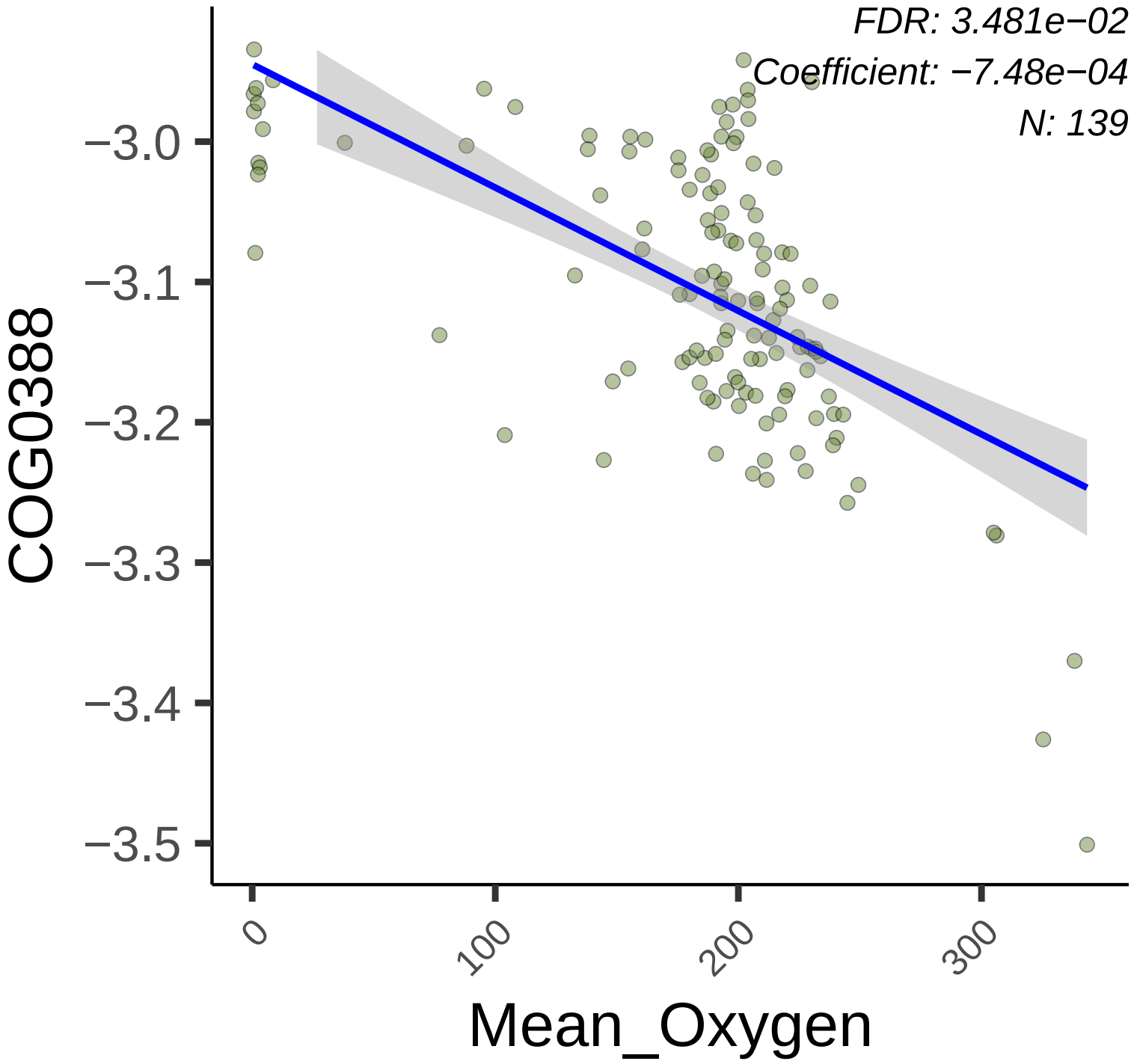
Mean_Oxygen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Coefficient: −7.48e−04
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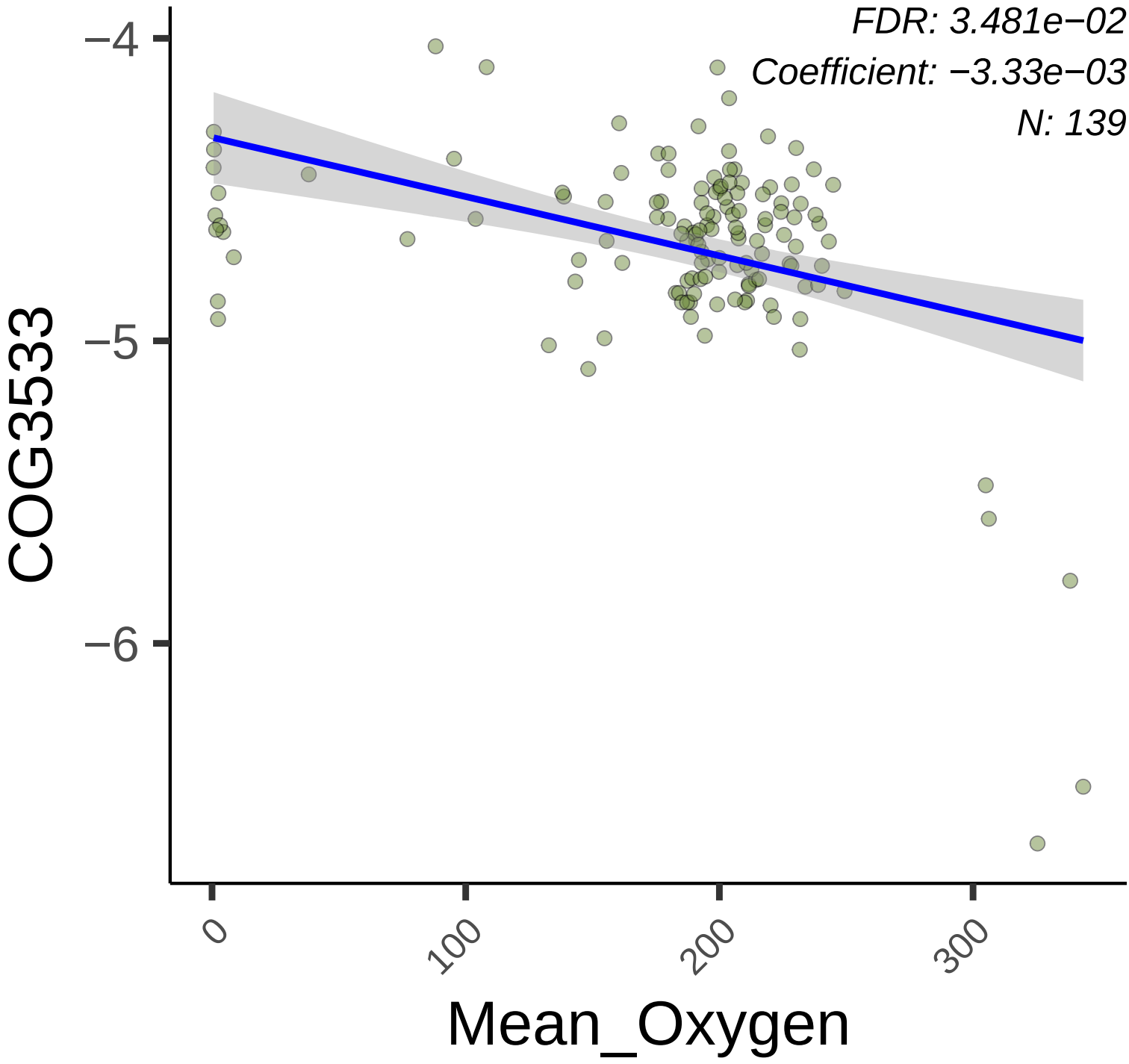
Mean_Oxygen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Coefficient: −3.33e−03
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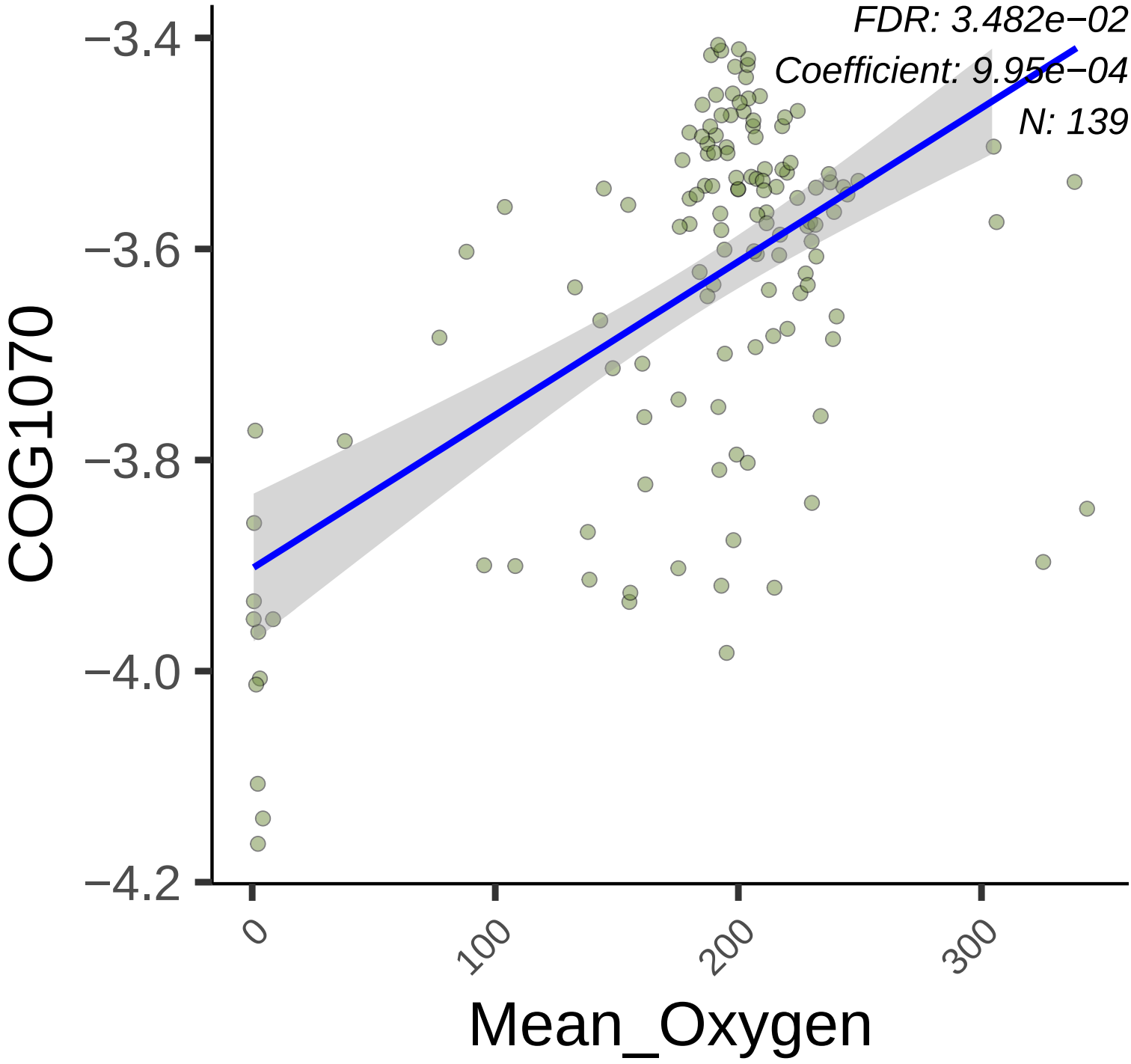
Mean_Oxygen


FDR: 3.482e−02
Coefficient: 9.95e−04
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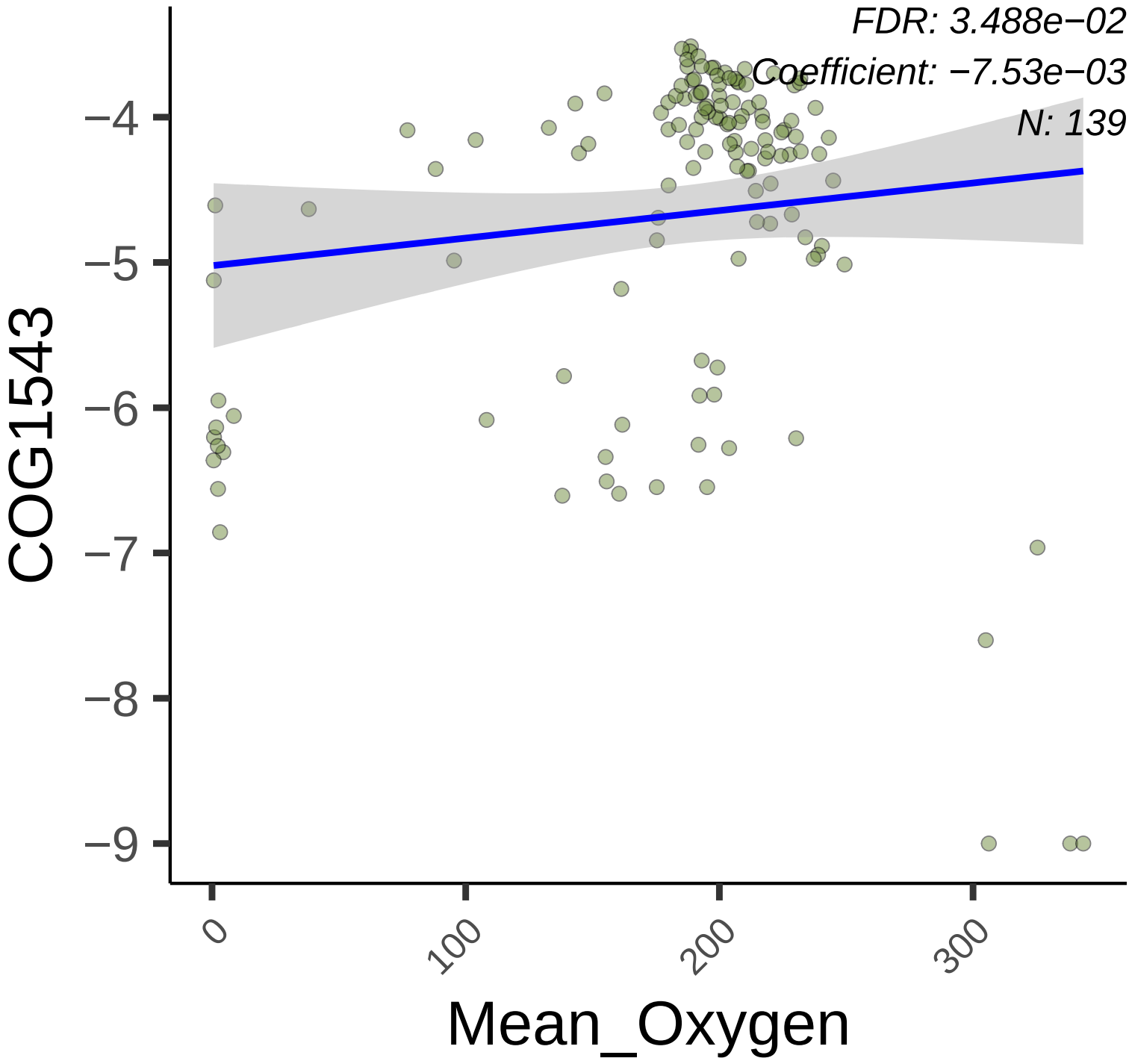
Mean_Oxygen


FDR: 3.488e−02
Coefficient: −7.53e−03
N: 139
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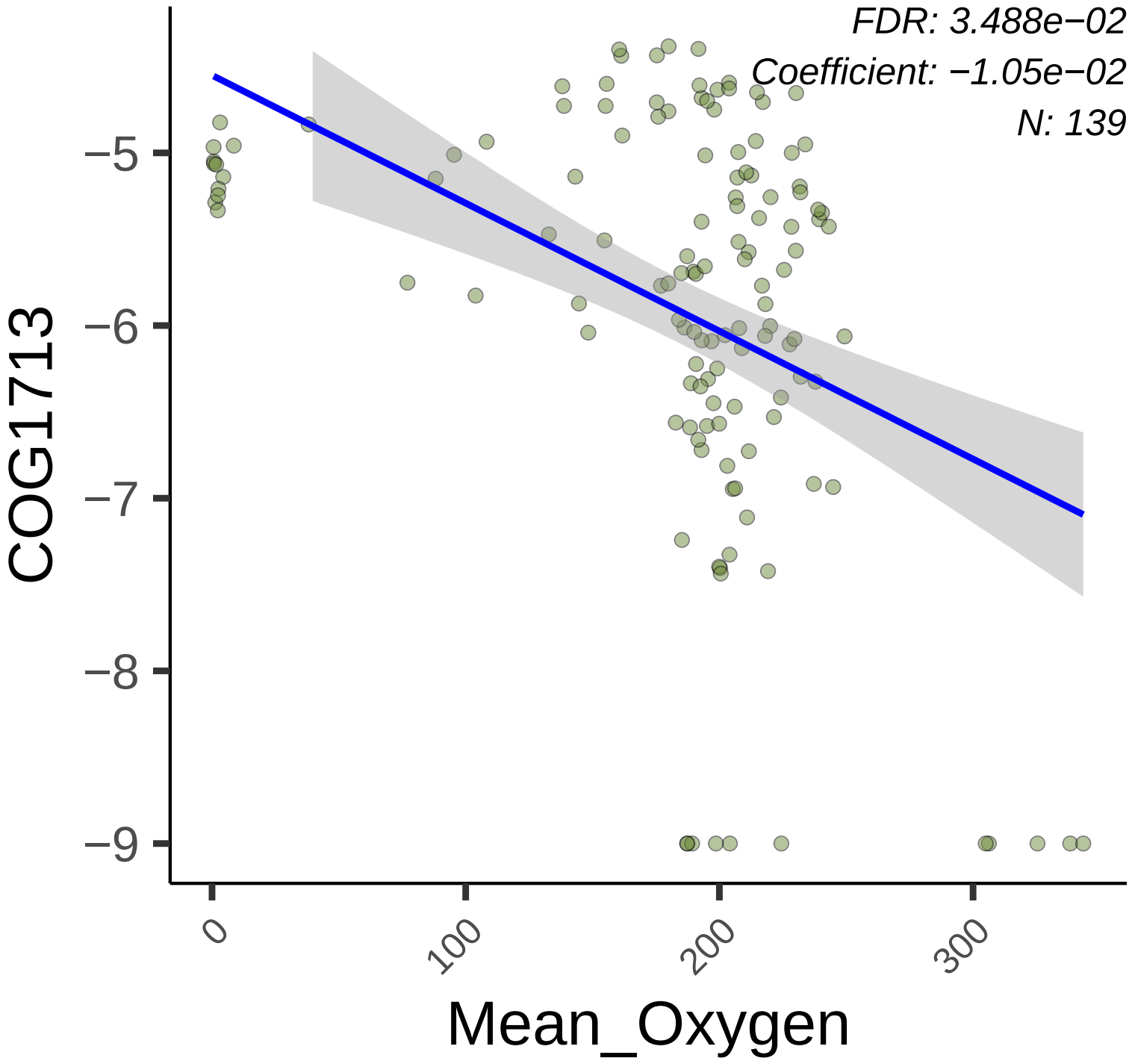
Mean_Oxygen


FDR: 3.488e−02
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N: 139
COG1713
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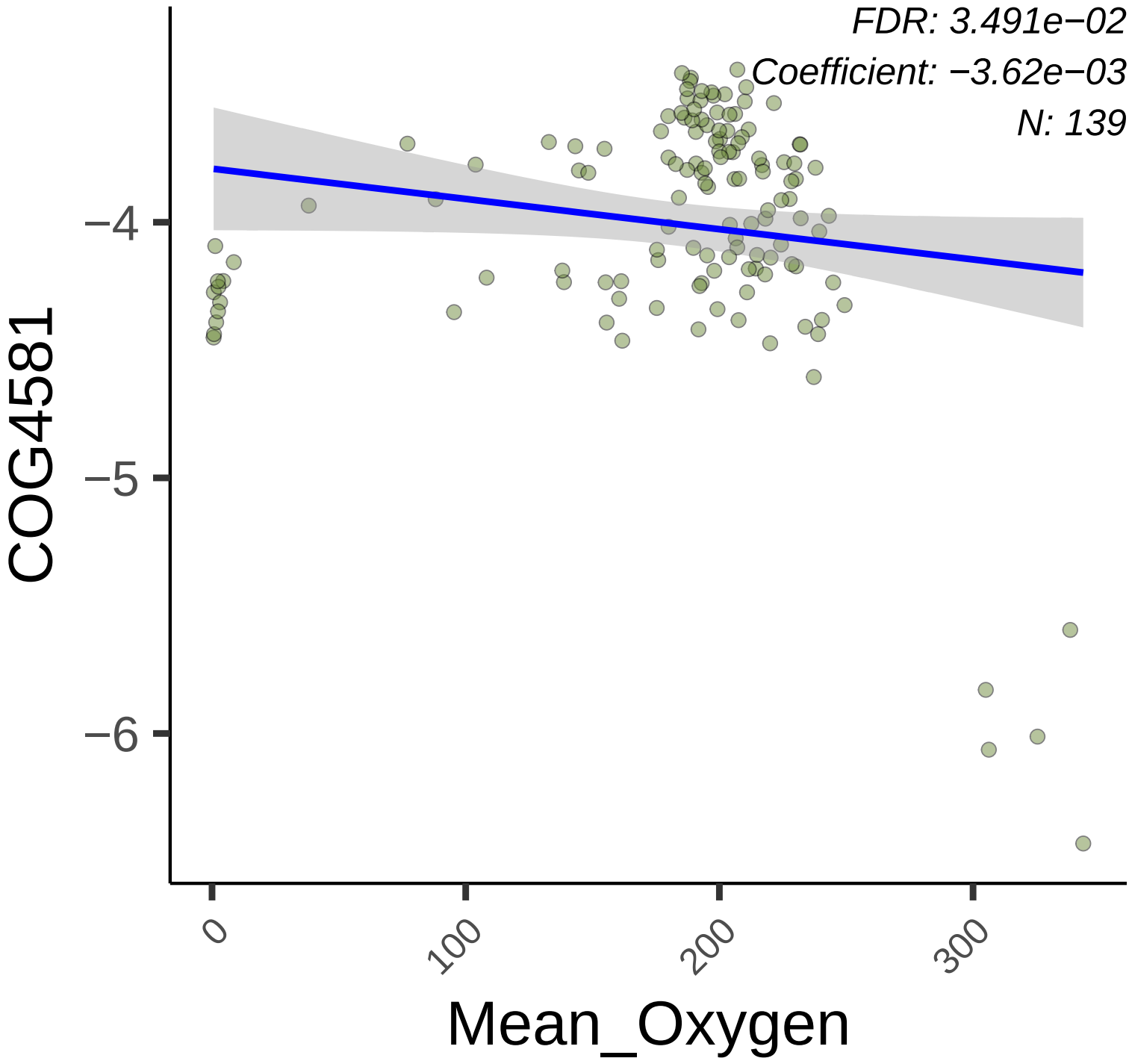
200
300
Mean_Oxygen


FDR: 3.491e−02
Coefficient: −3.62e−03
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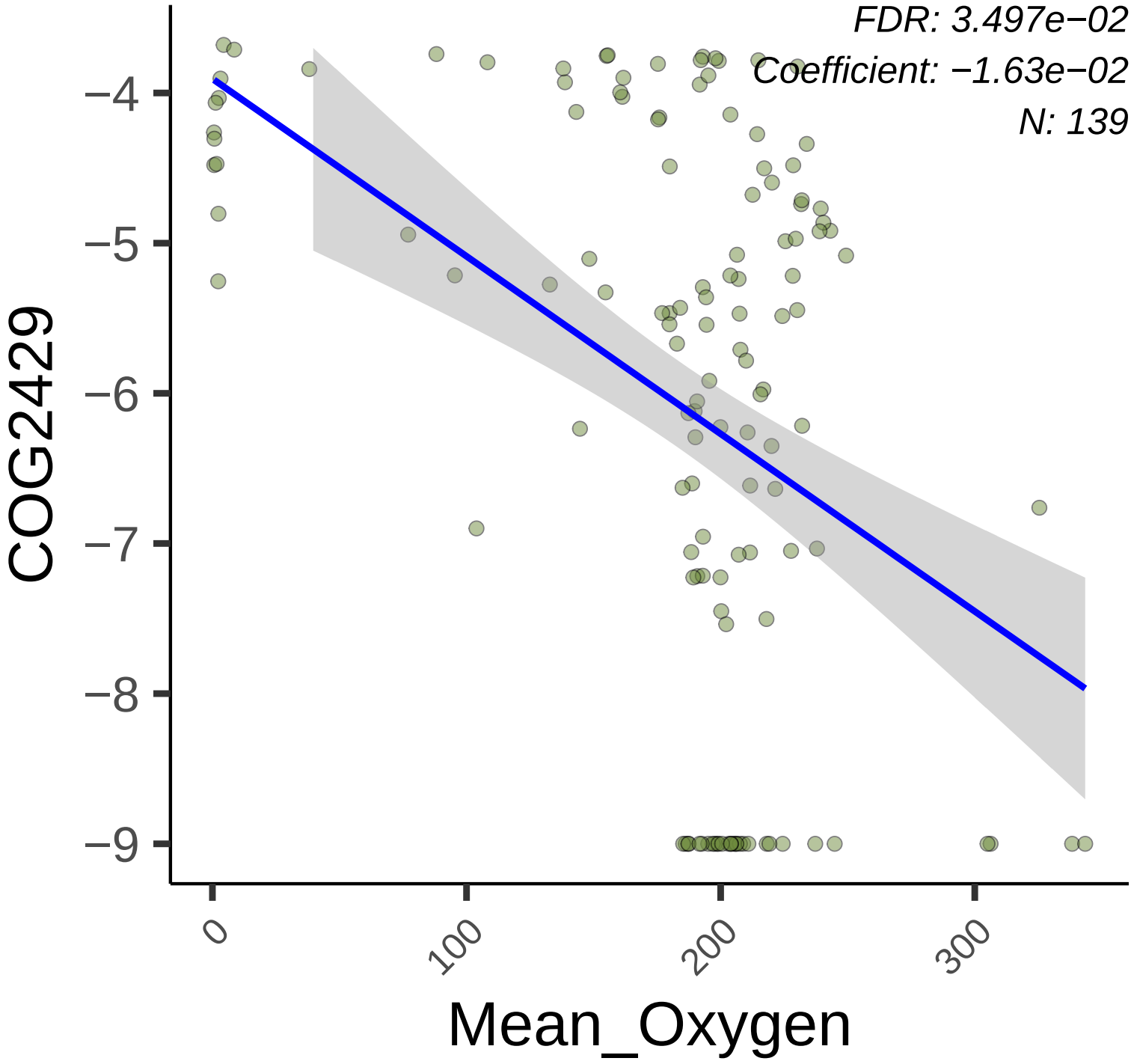
Mean_Oxygen


FDR: 3.497e−02
Coefficient: −1.63e−02
N: 139
COG2429
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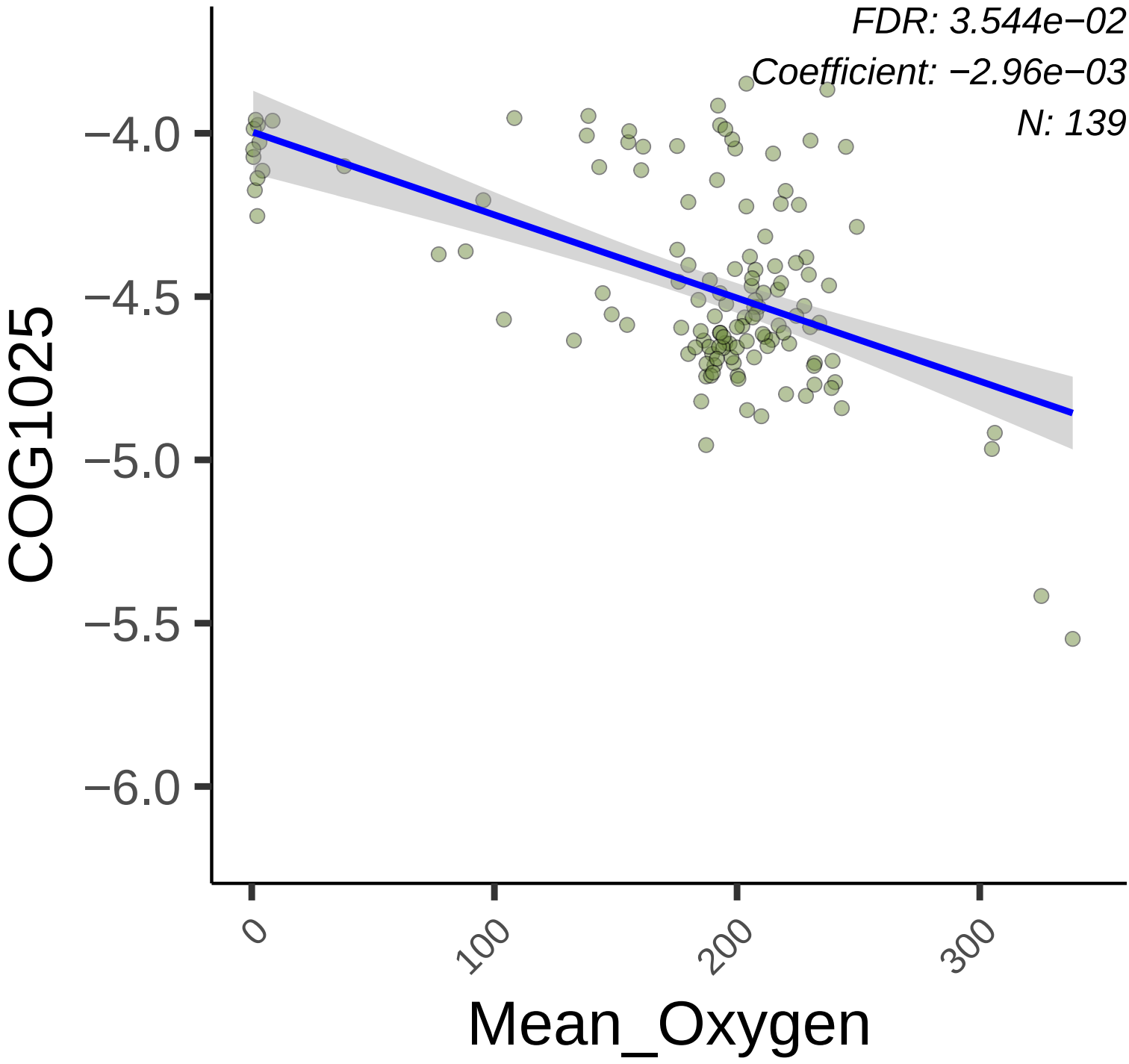
200
300
Mean_Oxygen


FDR: 3.544e−02
Coefficient: −2.96e−03
N: 139
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COG1025
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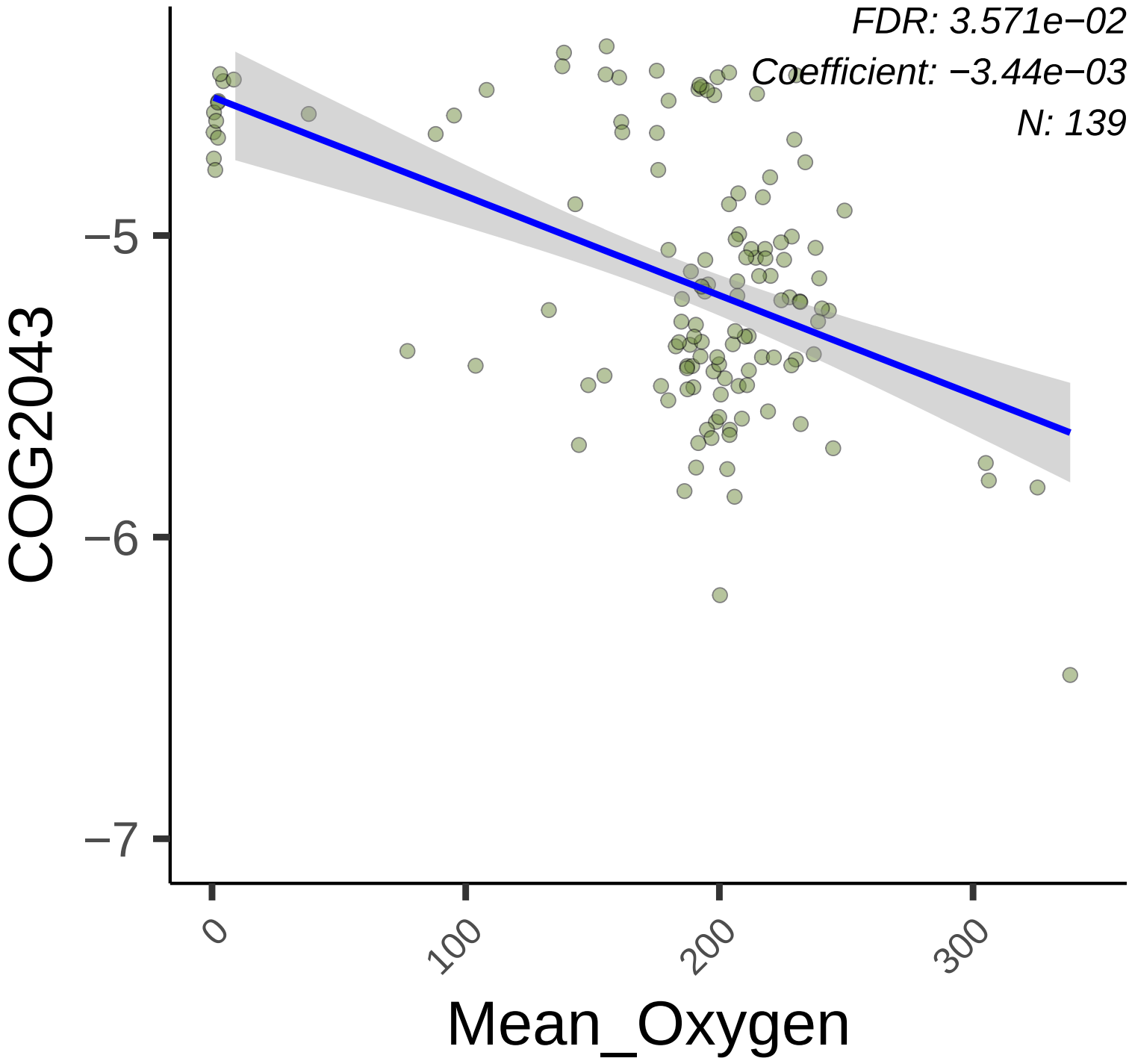
Mean_Oxygen


FDR: 3.571e−02
Coefficient: −3.44e−03
N: 139
COG2043
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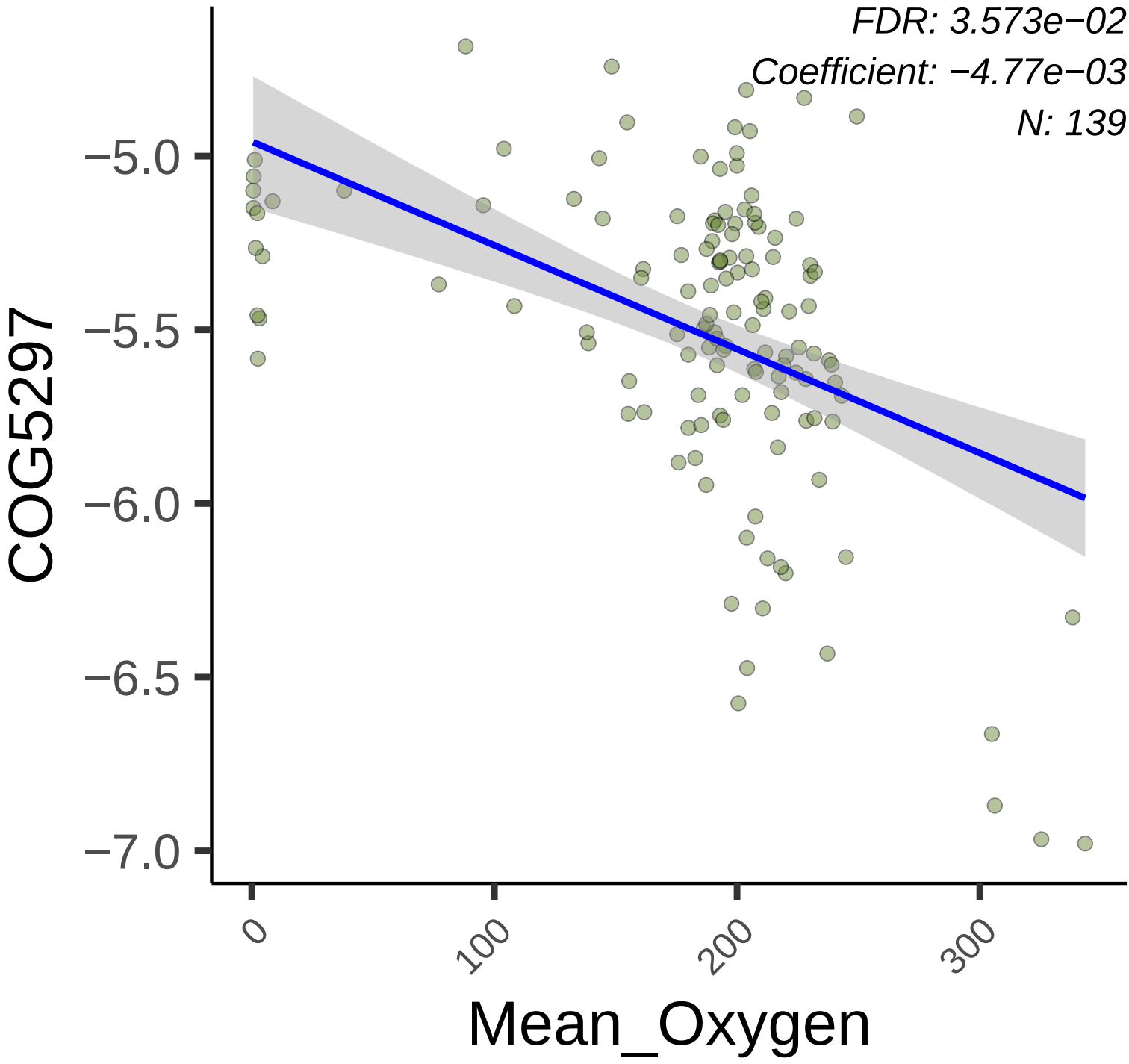
Mean_Oxygen


FDR: 3.573e−02
Coefficient: −4.77e−03
N: 139
COG5297
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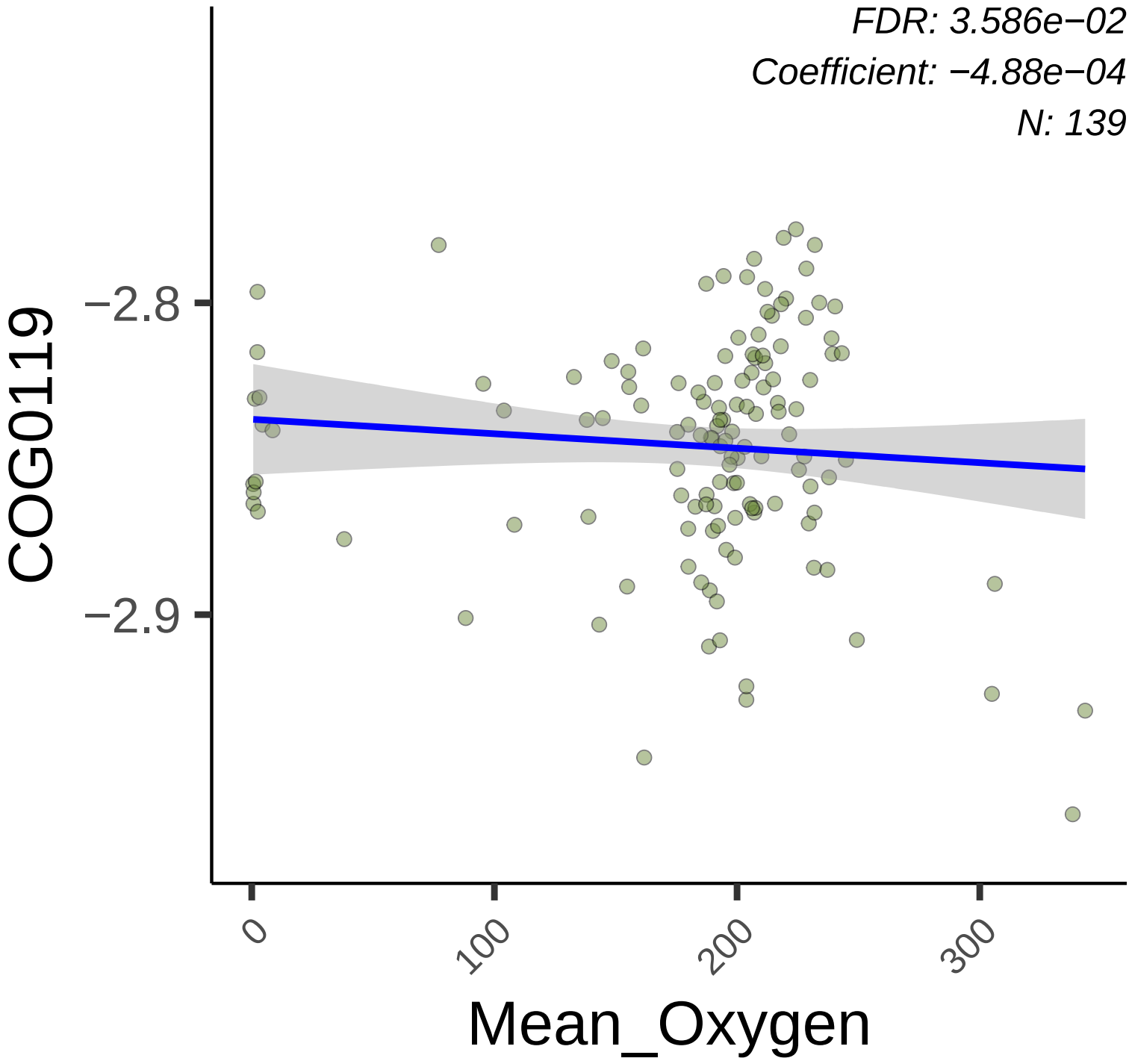
Mean_Oxygen


FDR: 3.586e−02
Coefficient: −4.88e−04
N: 139
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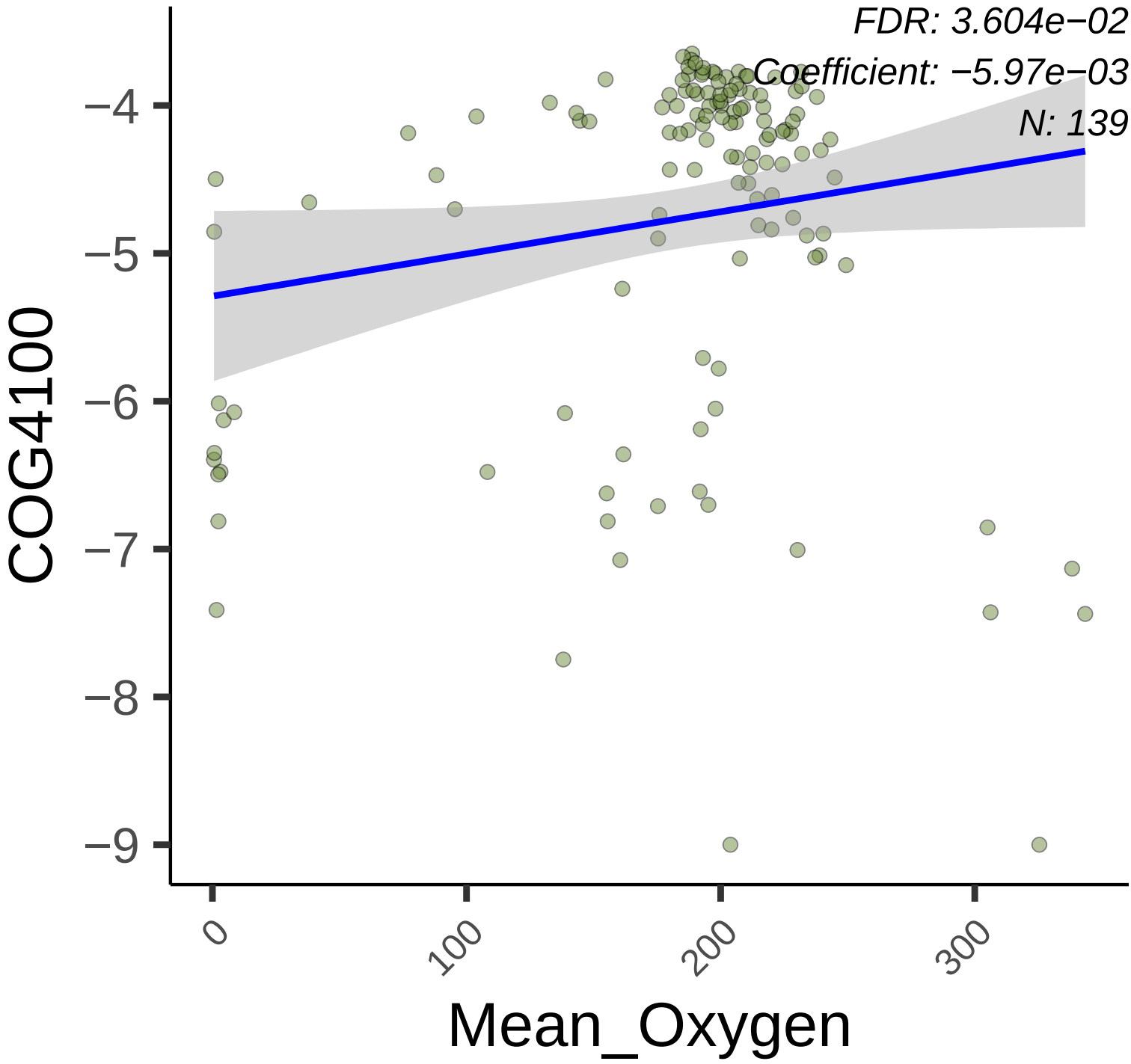
Mean_Oxygen


FDR: 3.604e−02
Coefficient: −5.97e−03
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COG4100
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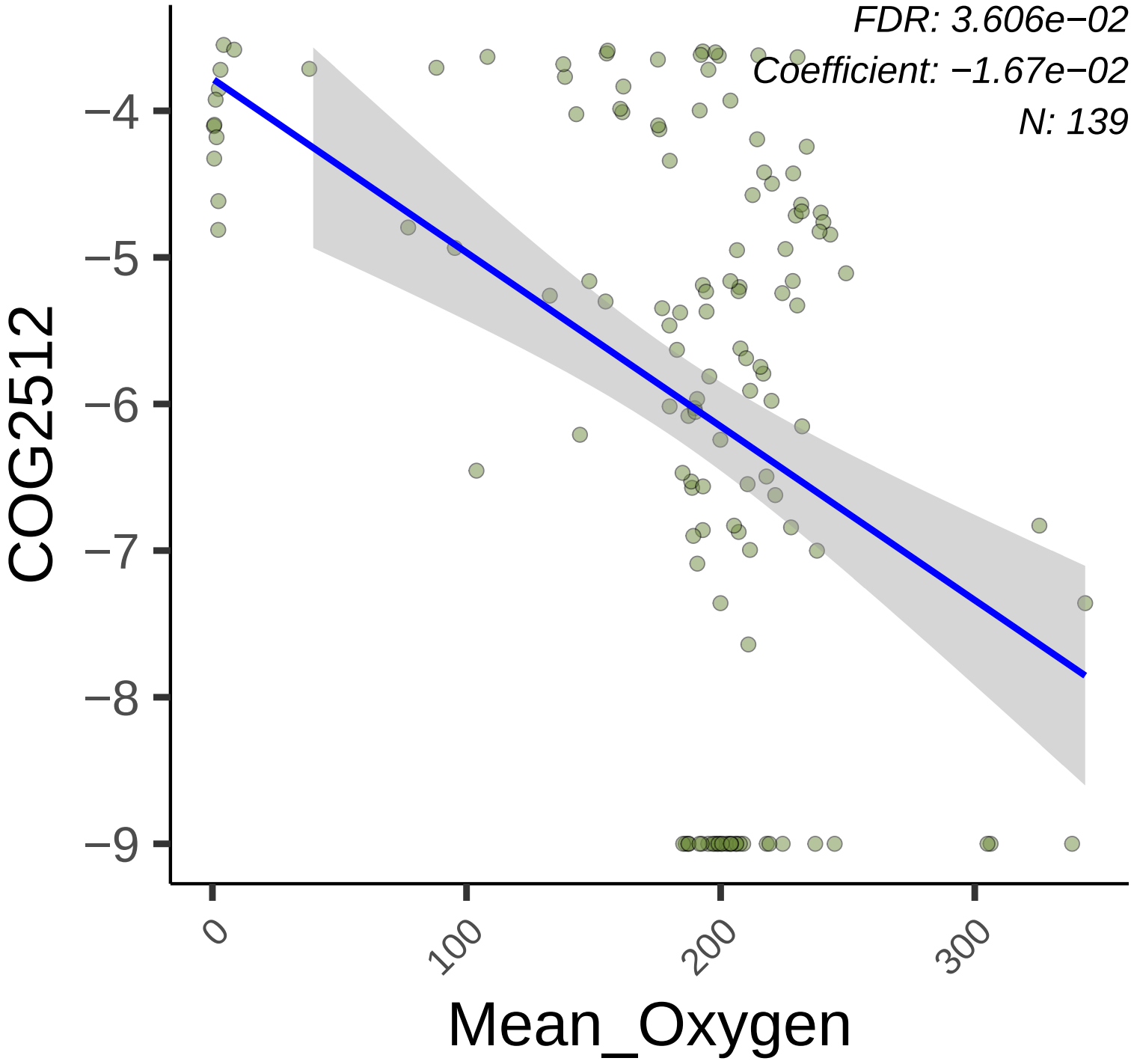
Mean_Oxygen


FDR: 3.606e−02
Coefficient: −1.67e−02
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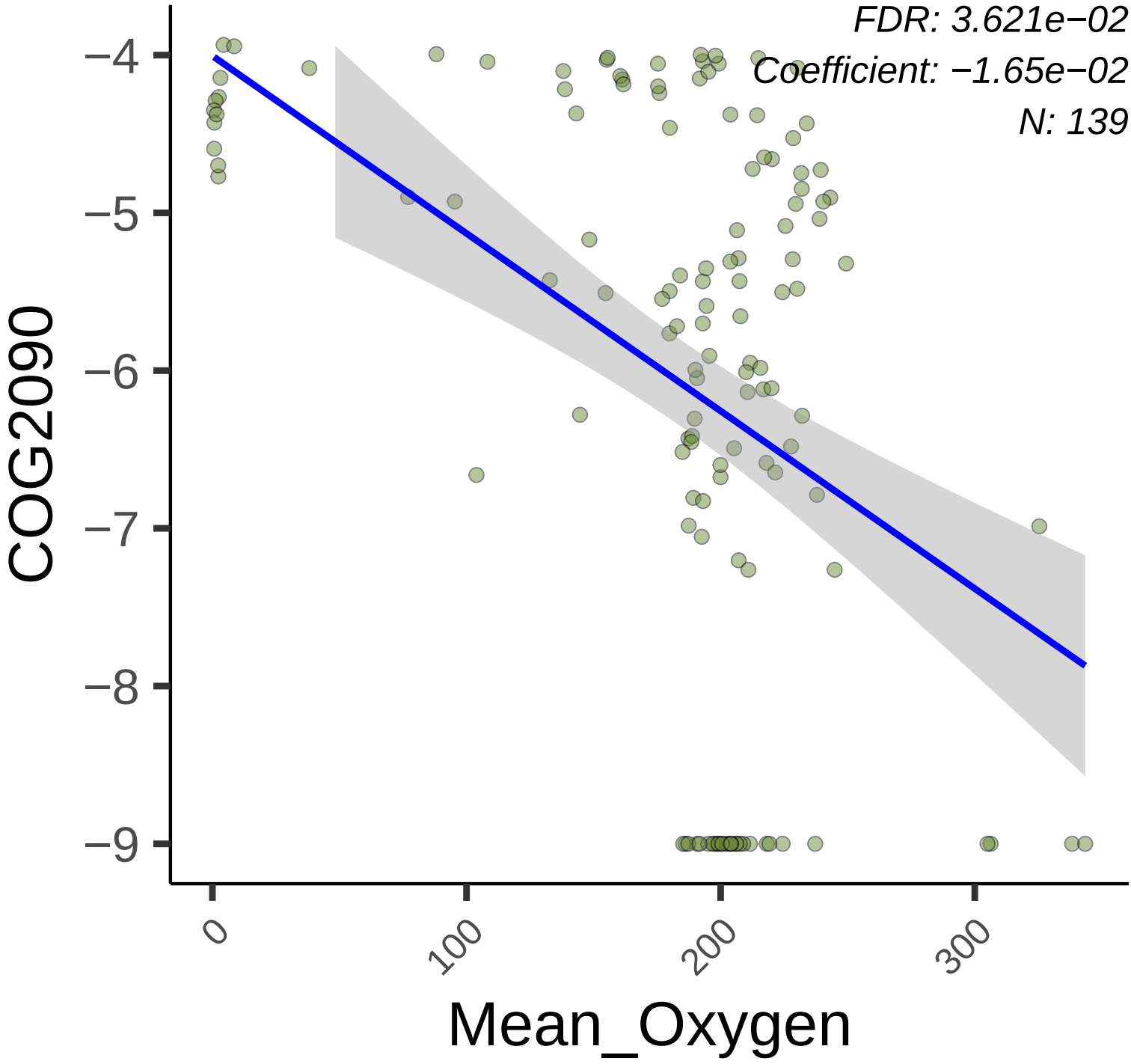
Mean_Oxygen


FDR: 3.621e−02
Coefficient: −1.65e−02
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COG2090
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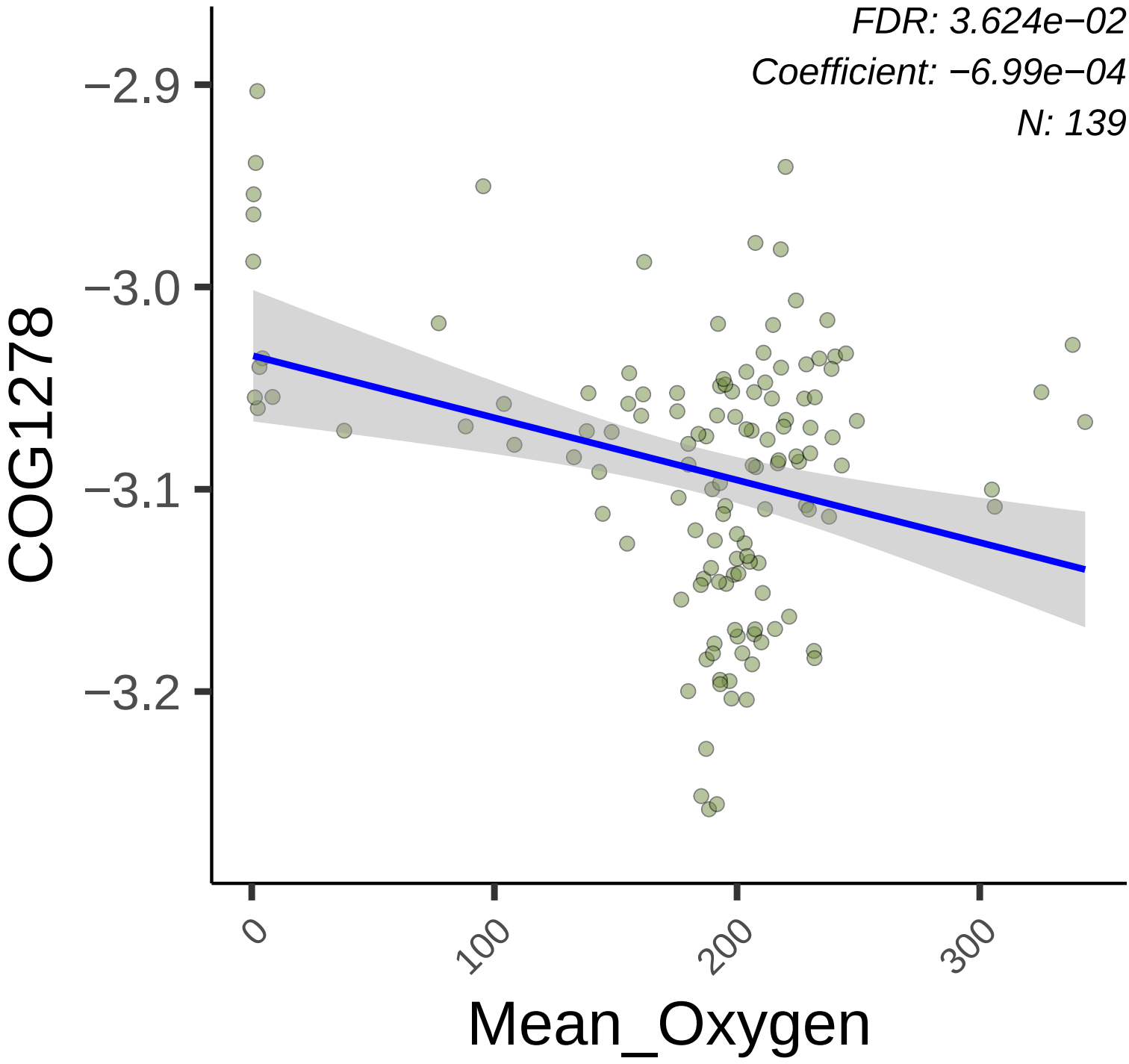
Mean_Oxygen


FDR: 3.624e−02
Coefficient: −6.99e−04
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COG1278
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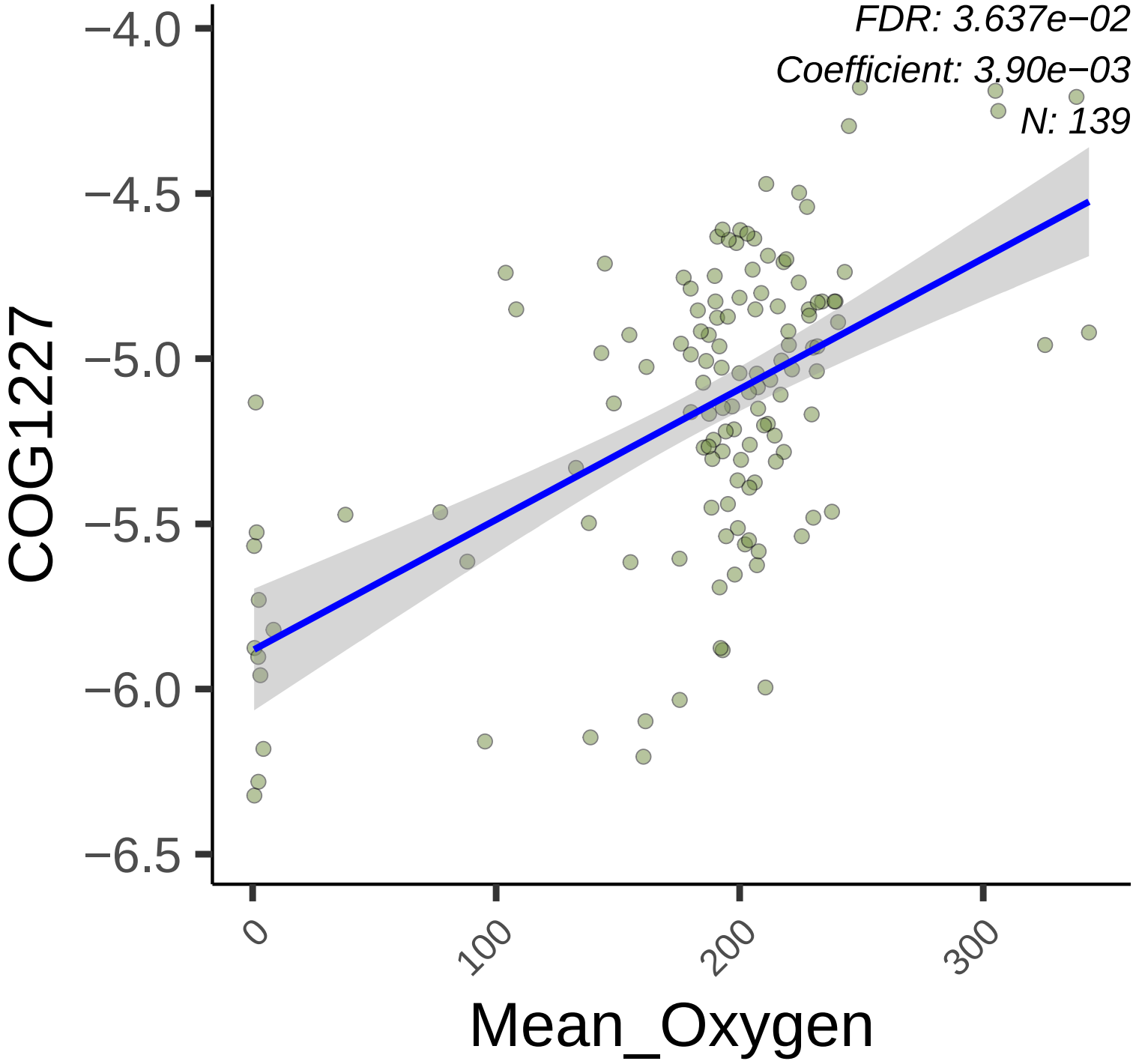
300
Mean_Oxygen


FDR: 3.637e−02
Coefficient: 3.90e−03
N: 139
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COG1227
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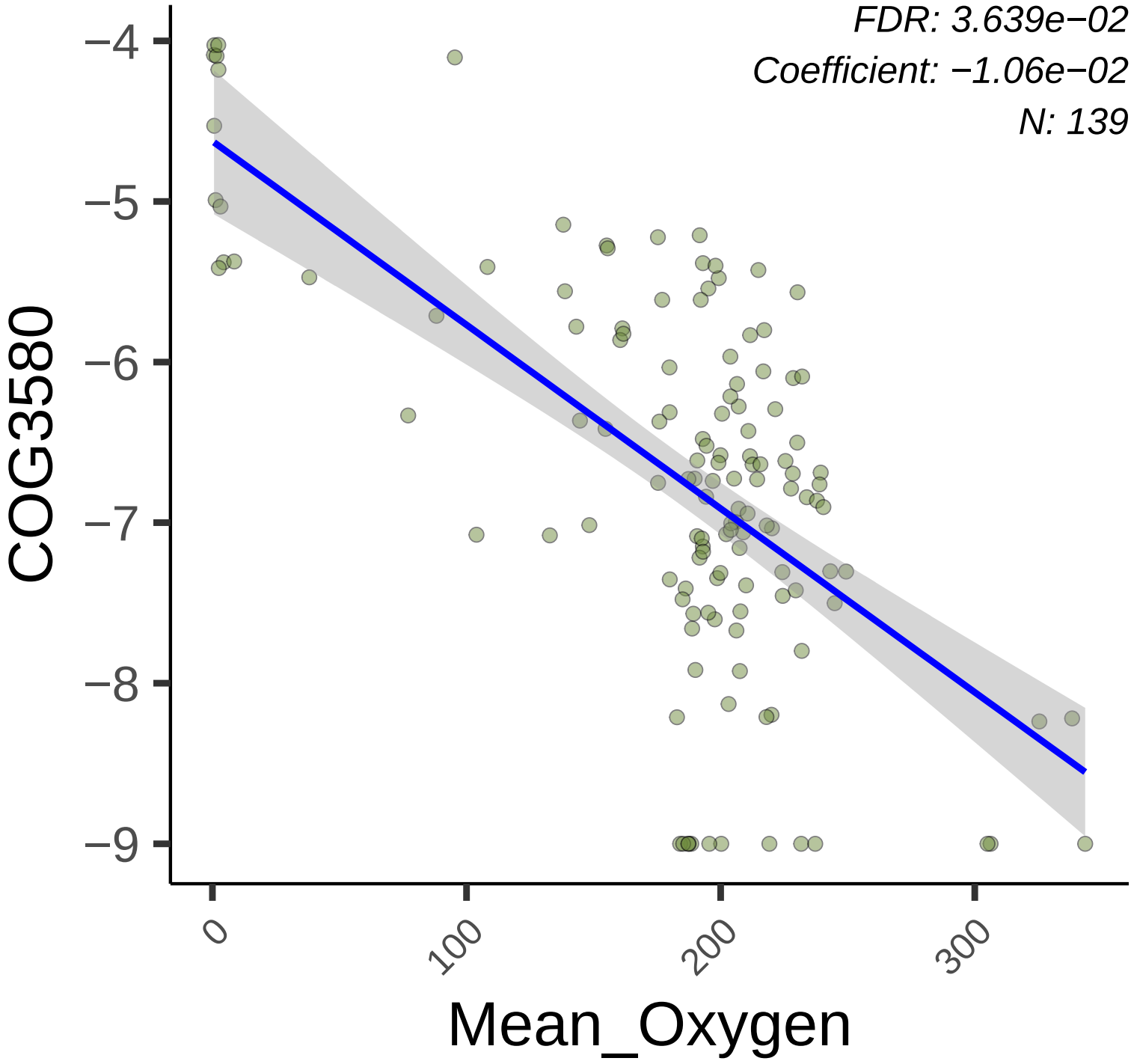
Mean_Oxygen


FDR: 3.639e−02
Coefficient: −1.06e−02
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COG3580
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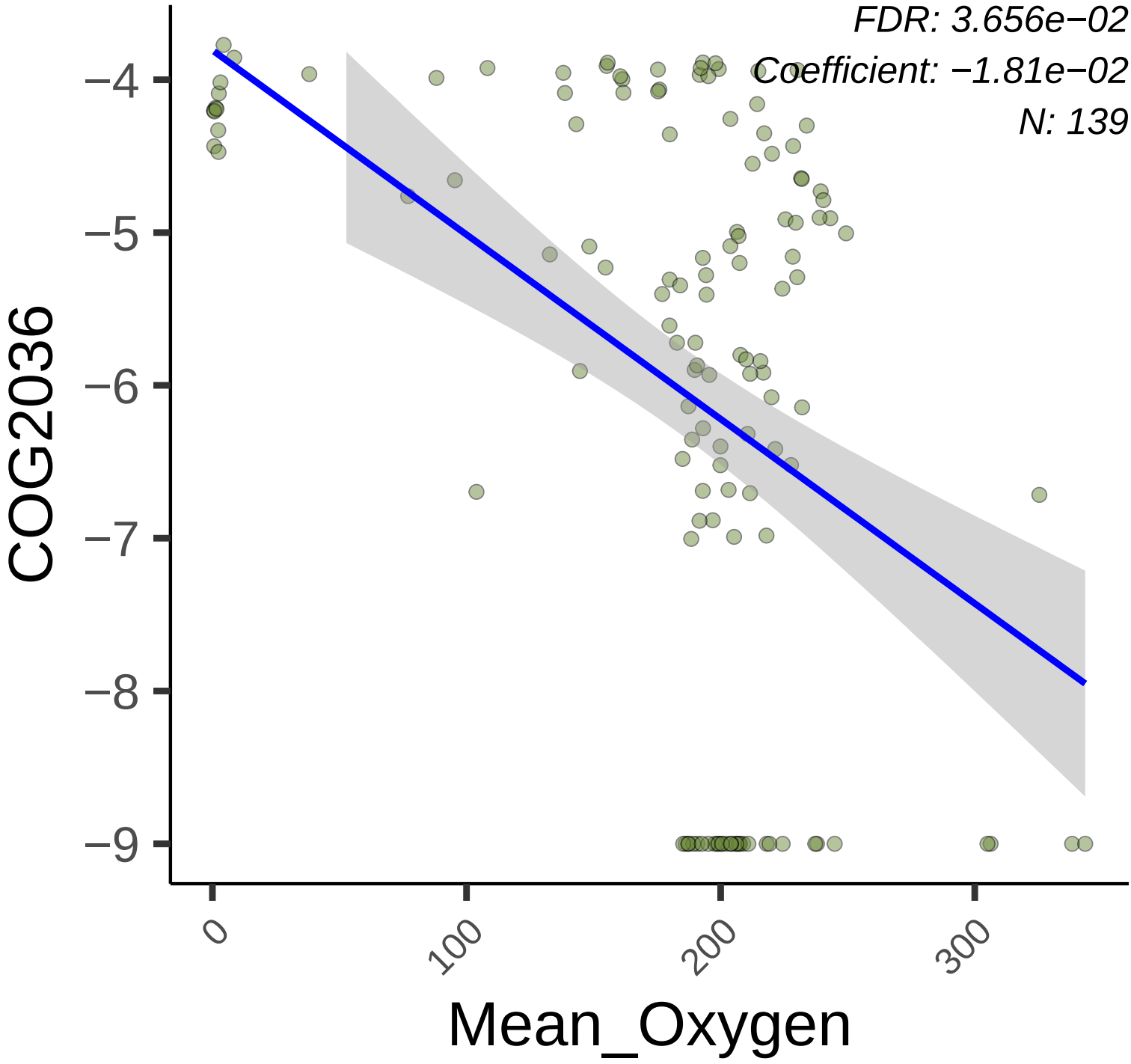
300
Mean_Oxygen


FDR: 3.656e−02
Coefficient: −1.81e−02
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COG2036
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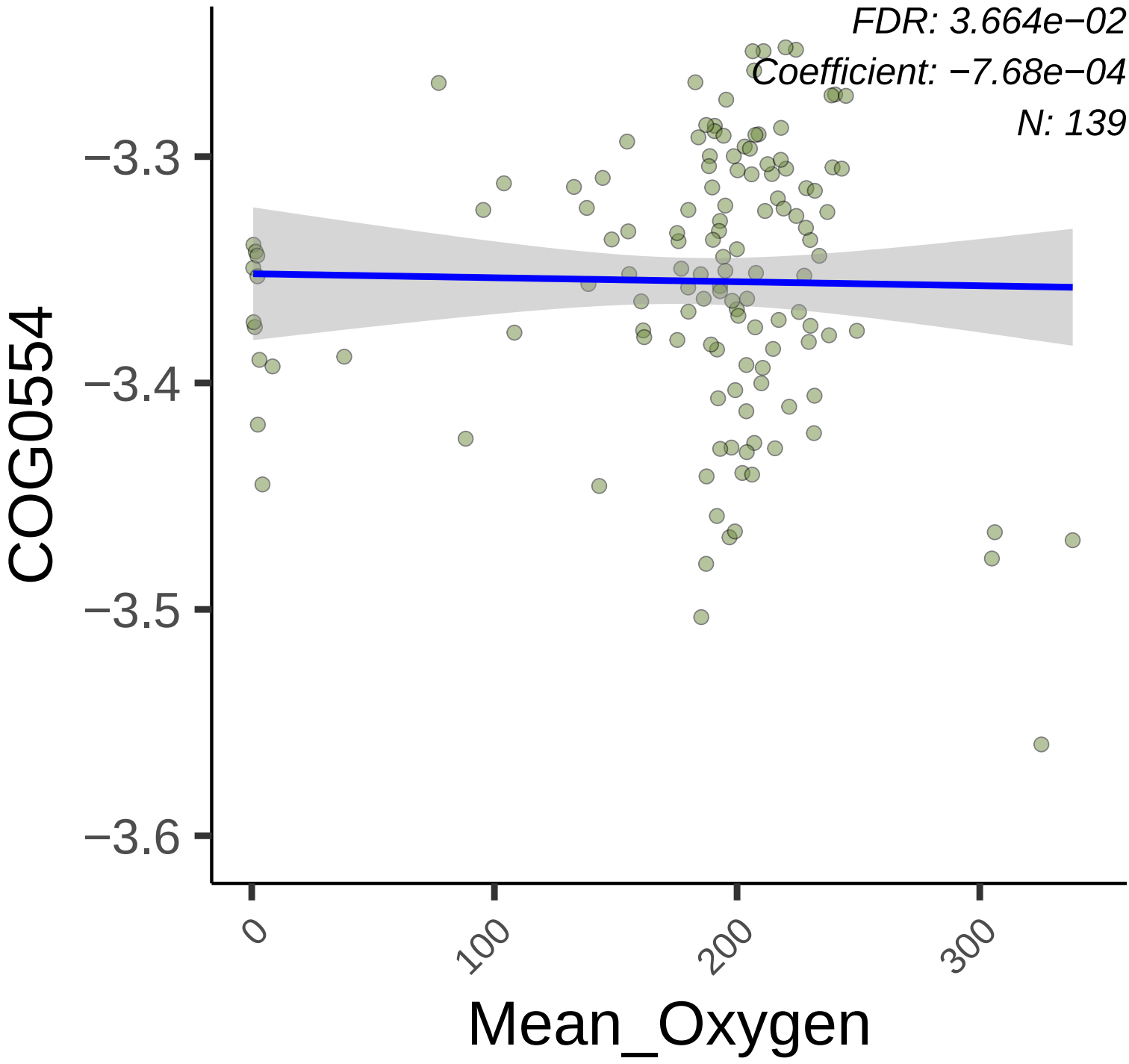
−5
−6
−7
−8
−9
0
100
200
300
Mean_Oxygen


FDR: 3.664e−02
Coefficient: −7.68e−04
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COG0554
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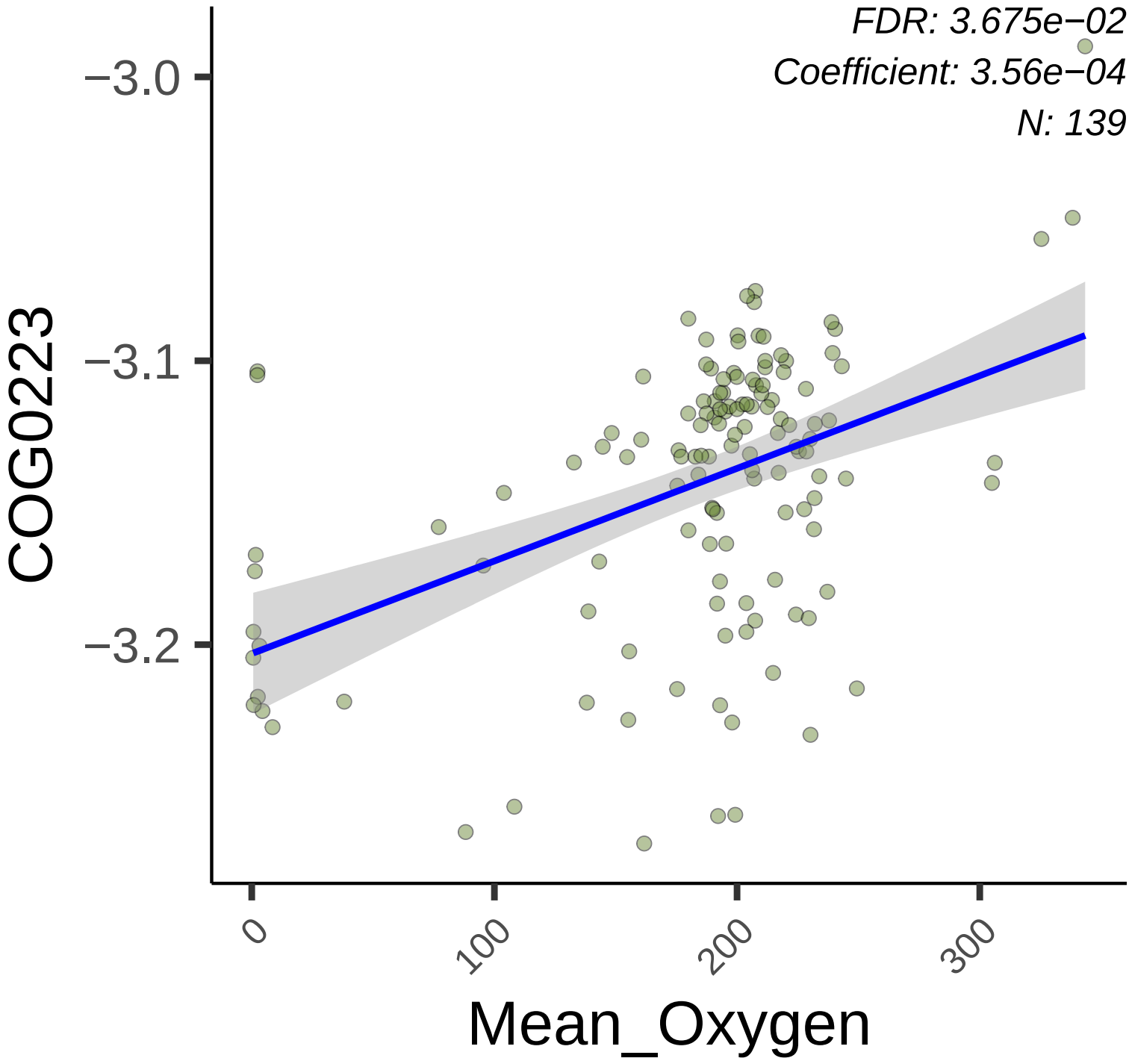
200
300
Mean_Oxygen


FDR: 3.675e−02
Coefficient: 3.56e−04
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COG0223
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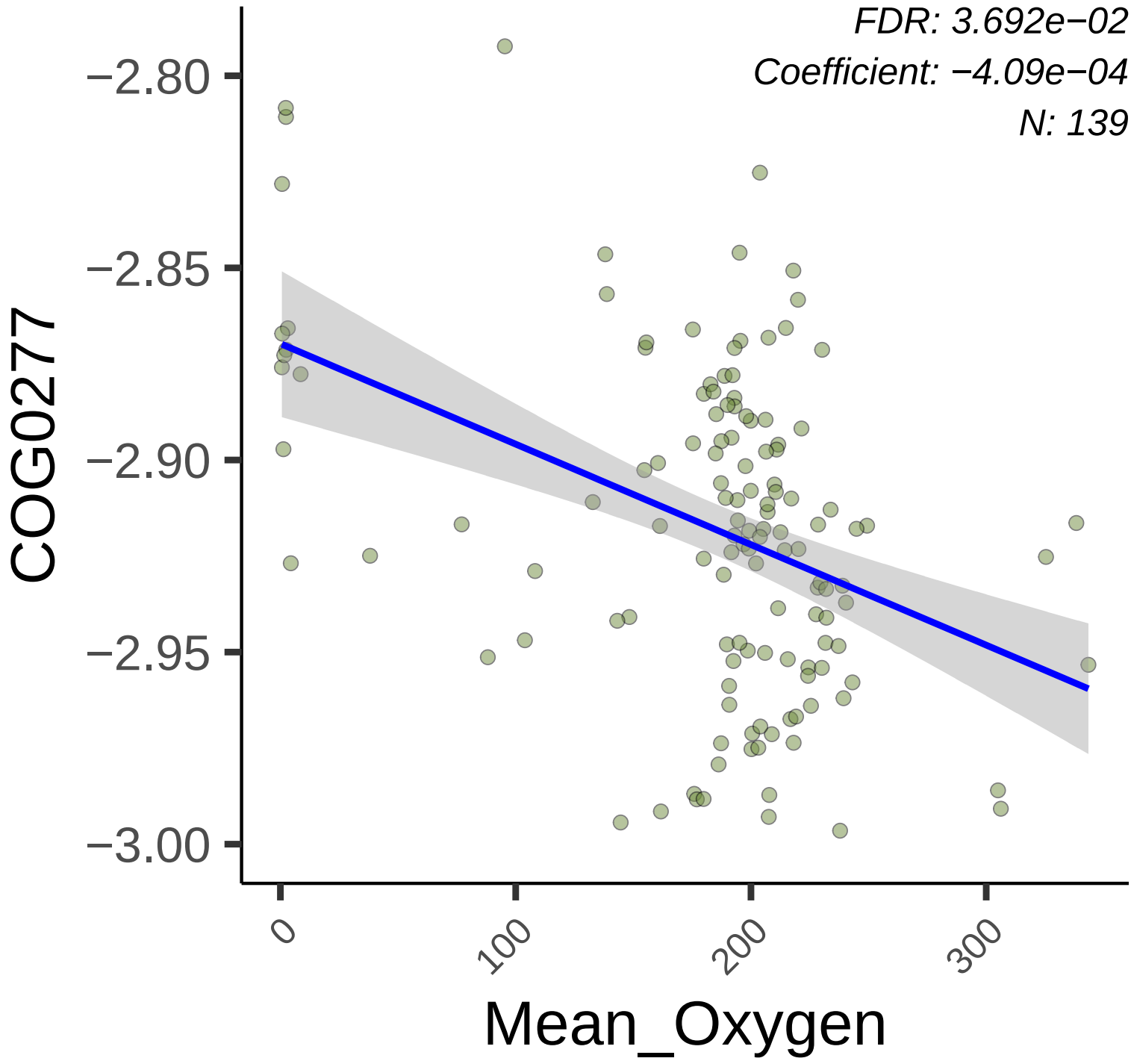
Mean_Oxygen


FDR: 3.692e−02
Coefficient: −4.09e−04
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COG0277
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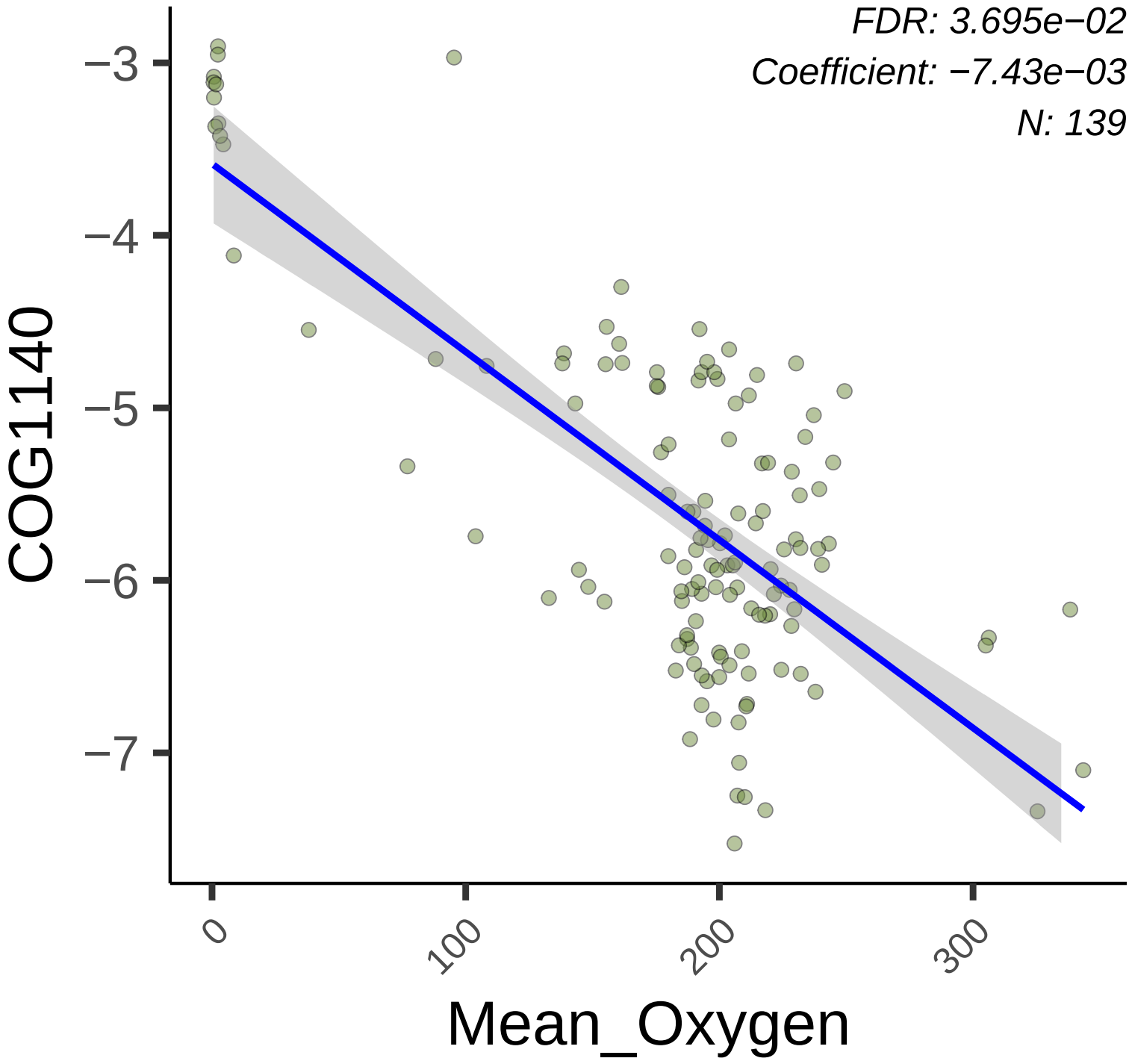
Mean_Oxygen


FDR: 3.695e−02
Coefficient: −7.43e−03
N: 139
COG1140
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−4
−5
−6
−7
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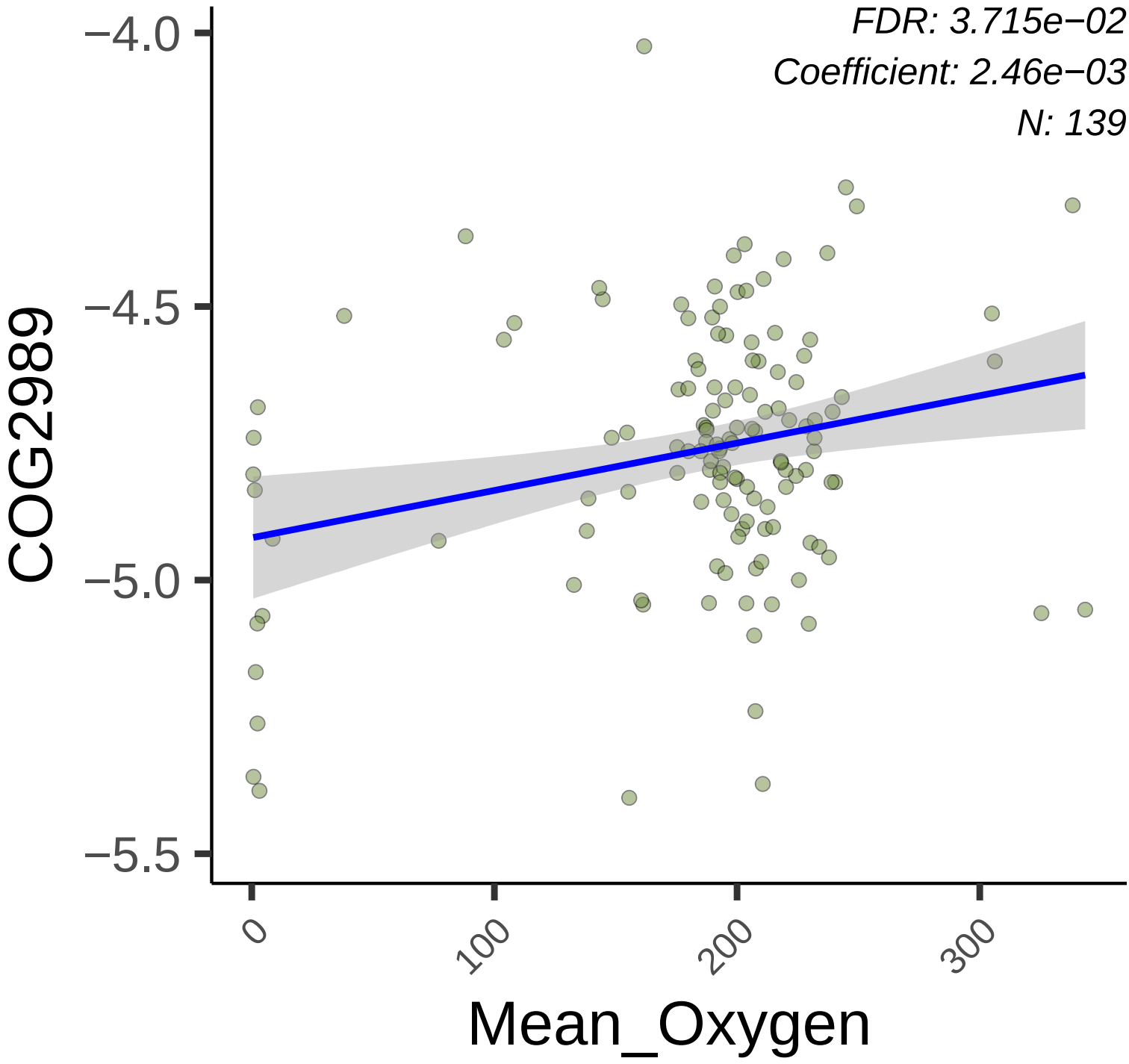
100
200
300
Mean_Oxygen


FDR: 3.715e−02
Coefficient: 2.46e−03
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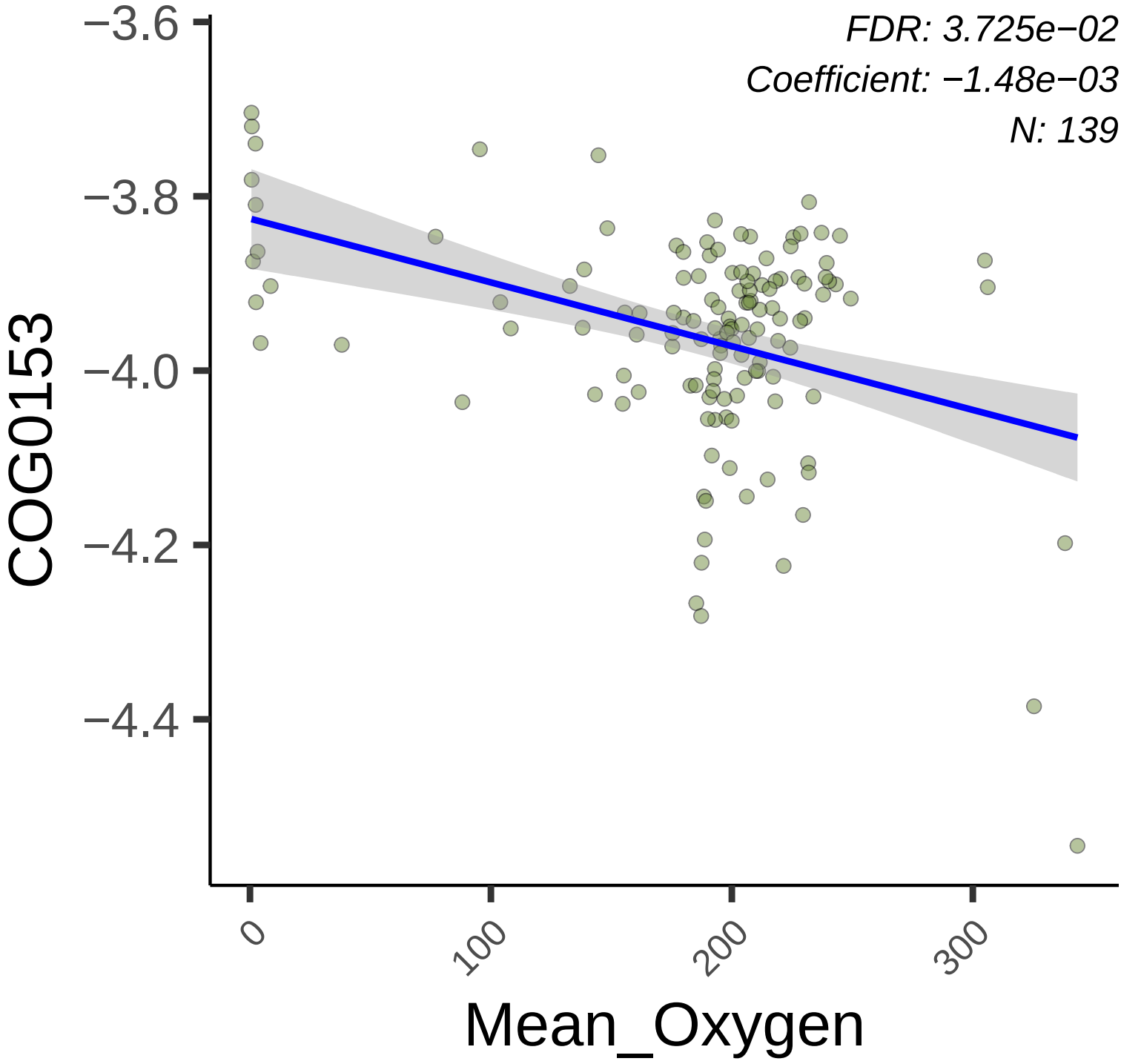
Mean_Oxygen


FDR: 3.725e−02
Coefficient: −1.48e−03
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COG0153
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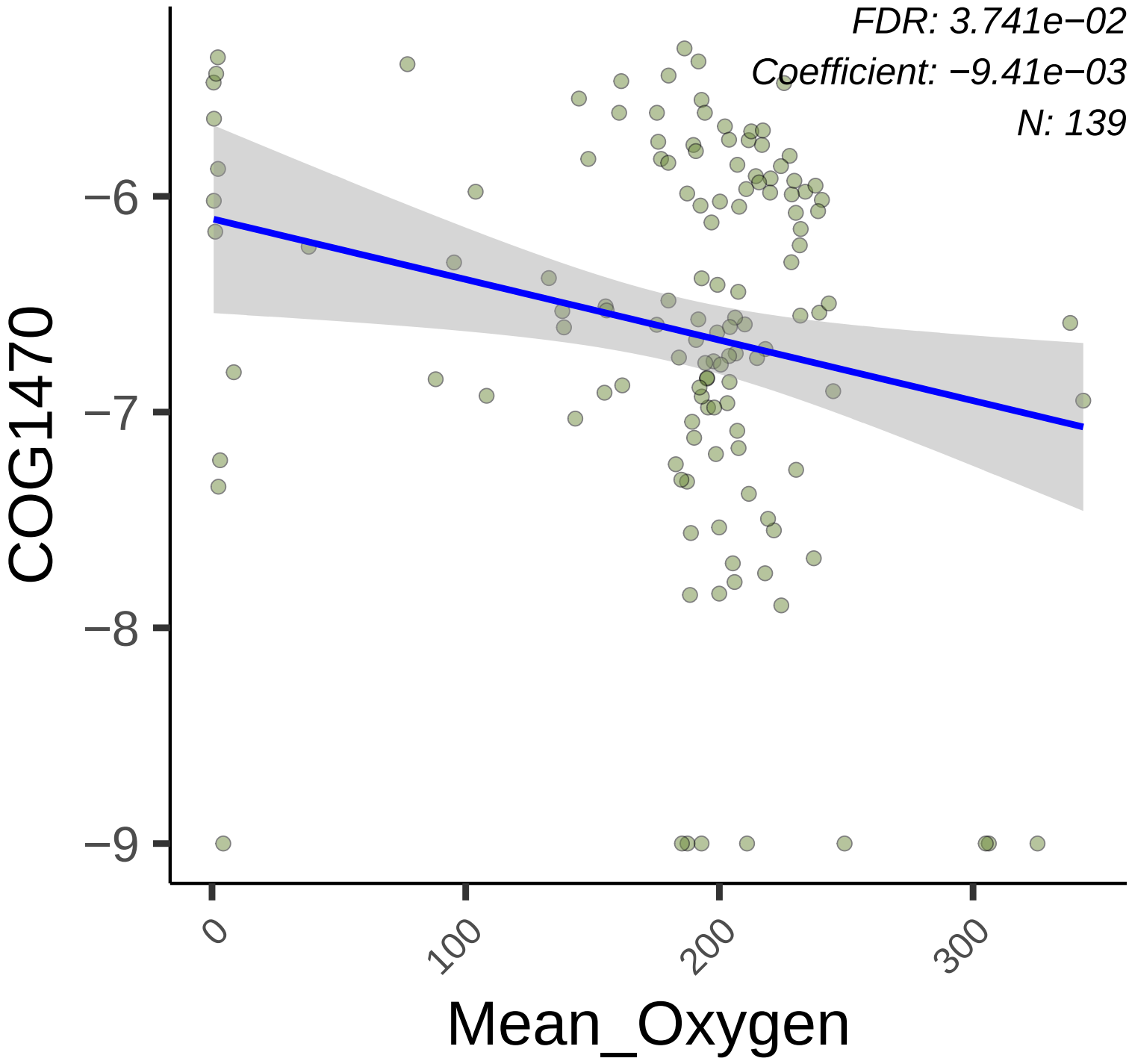
200
300
Mean_Oxygen


FDR: 3.741e−02
Coefficient: −9.41e−03
N: 139
COG1470
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−9
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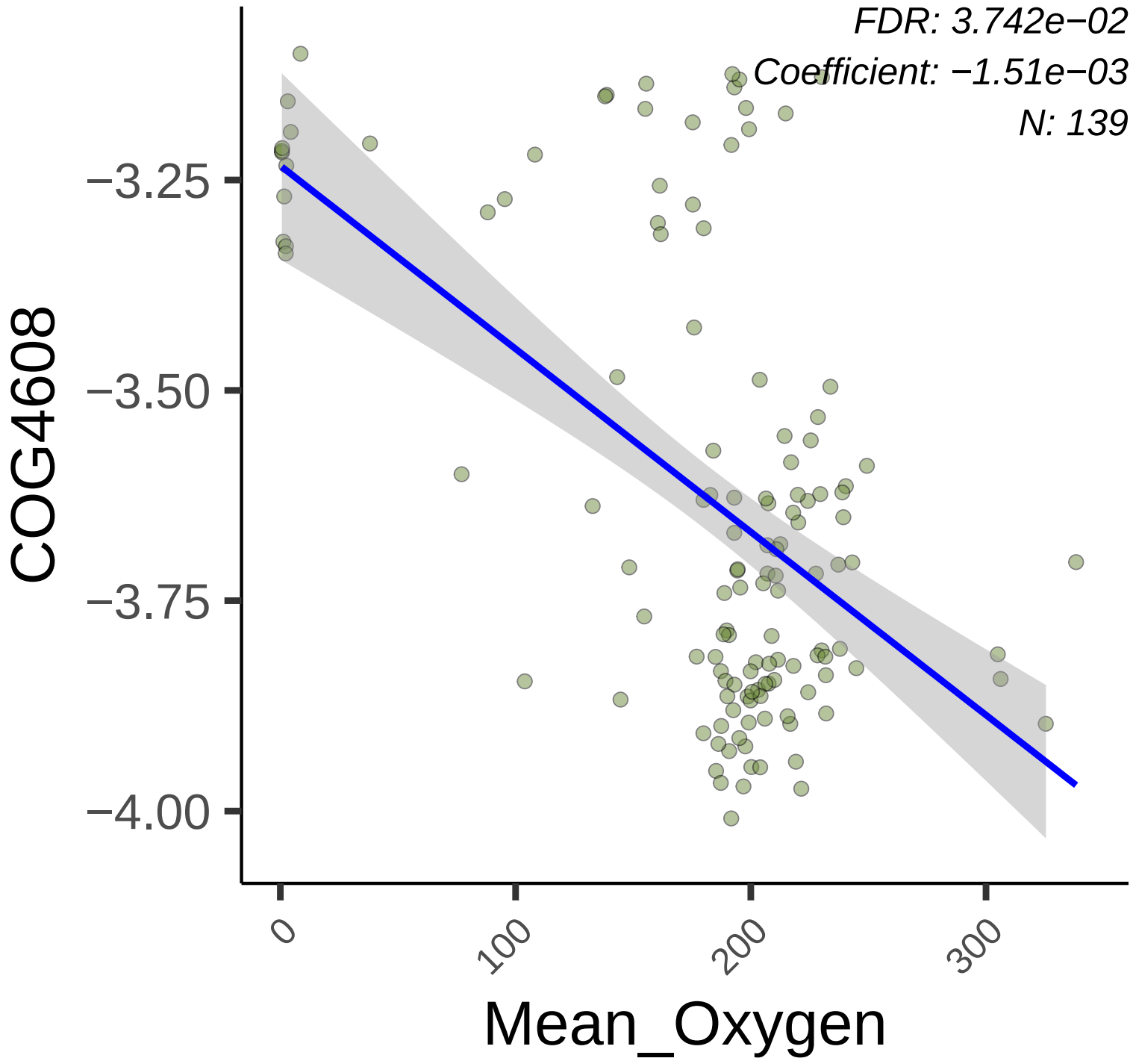
200
300
Mean_Oxygen


FDR: 3.742e−02
Coefficient: −1.51e−03
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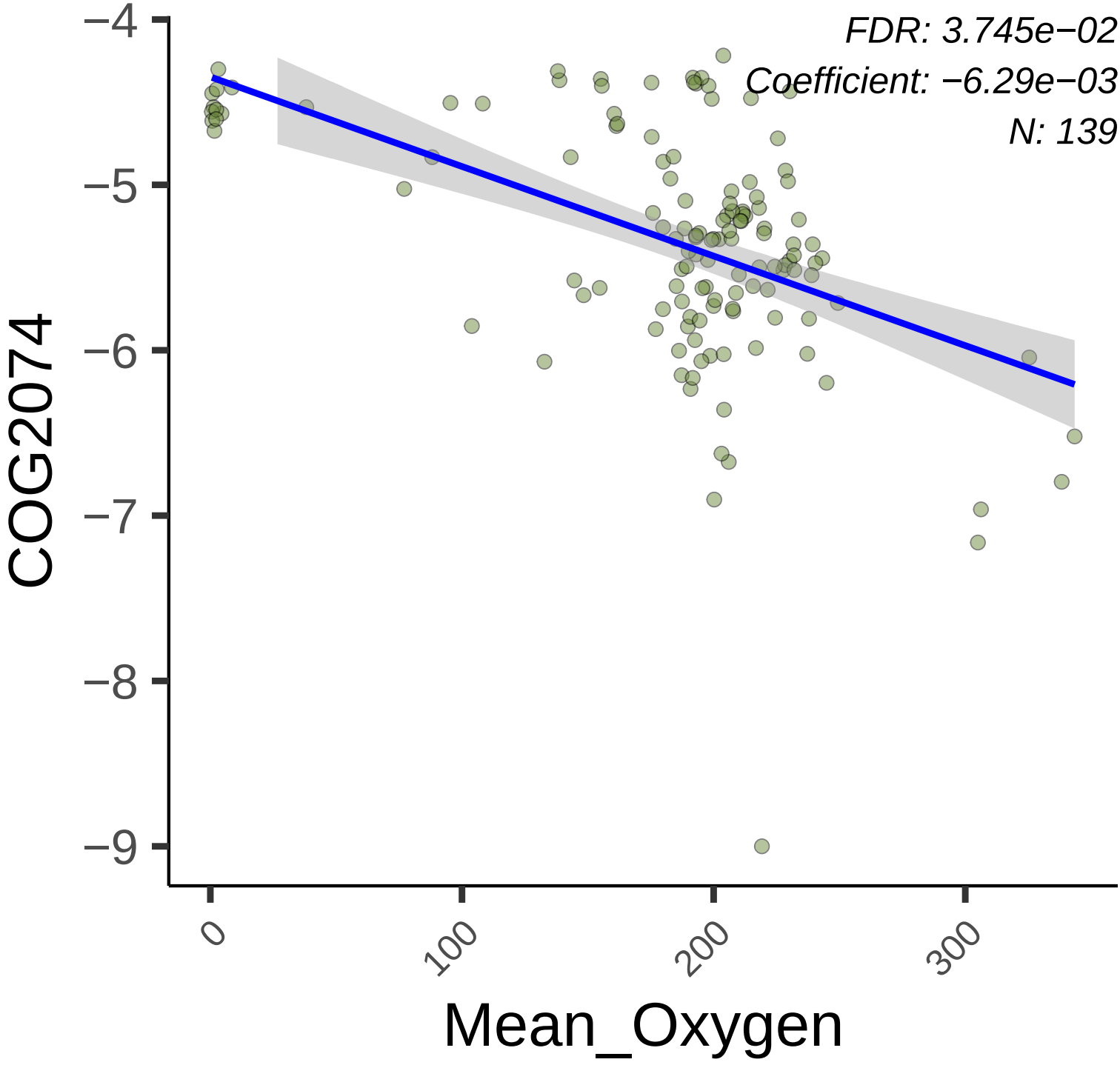
300
Mean_Oxygen


FDR: 3.745e−02
Coefficient: −6.29e−03
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COG2074
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−7
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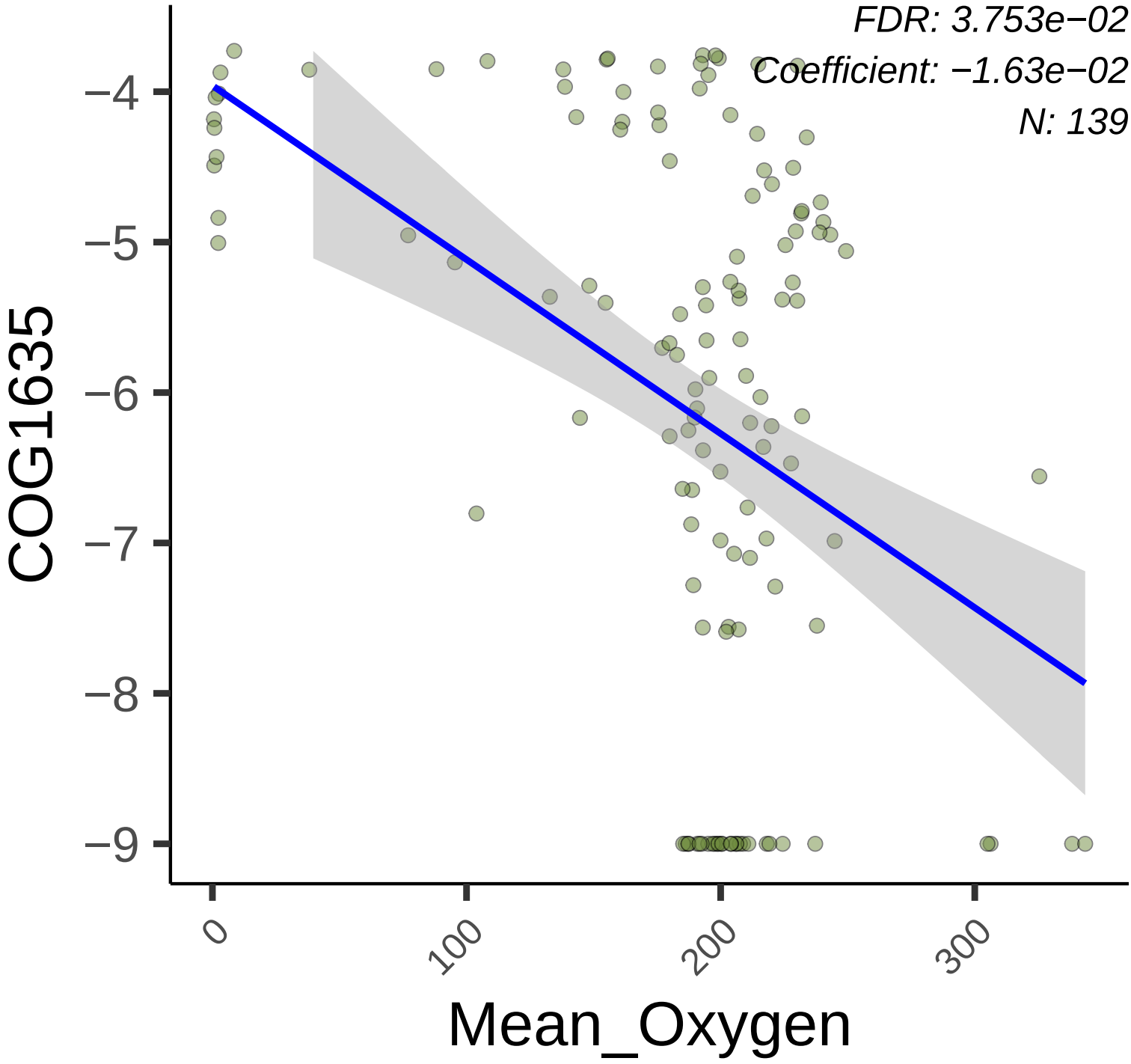
200
300
Mean_Oxygen


FDR: 3.753e−02
Coefficient: −1.63e−02
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COG1635
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−5
−6
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−9
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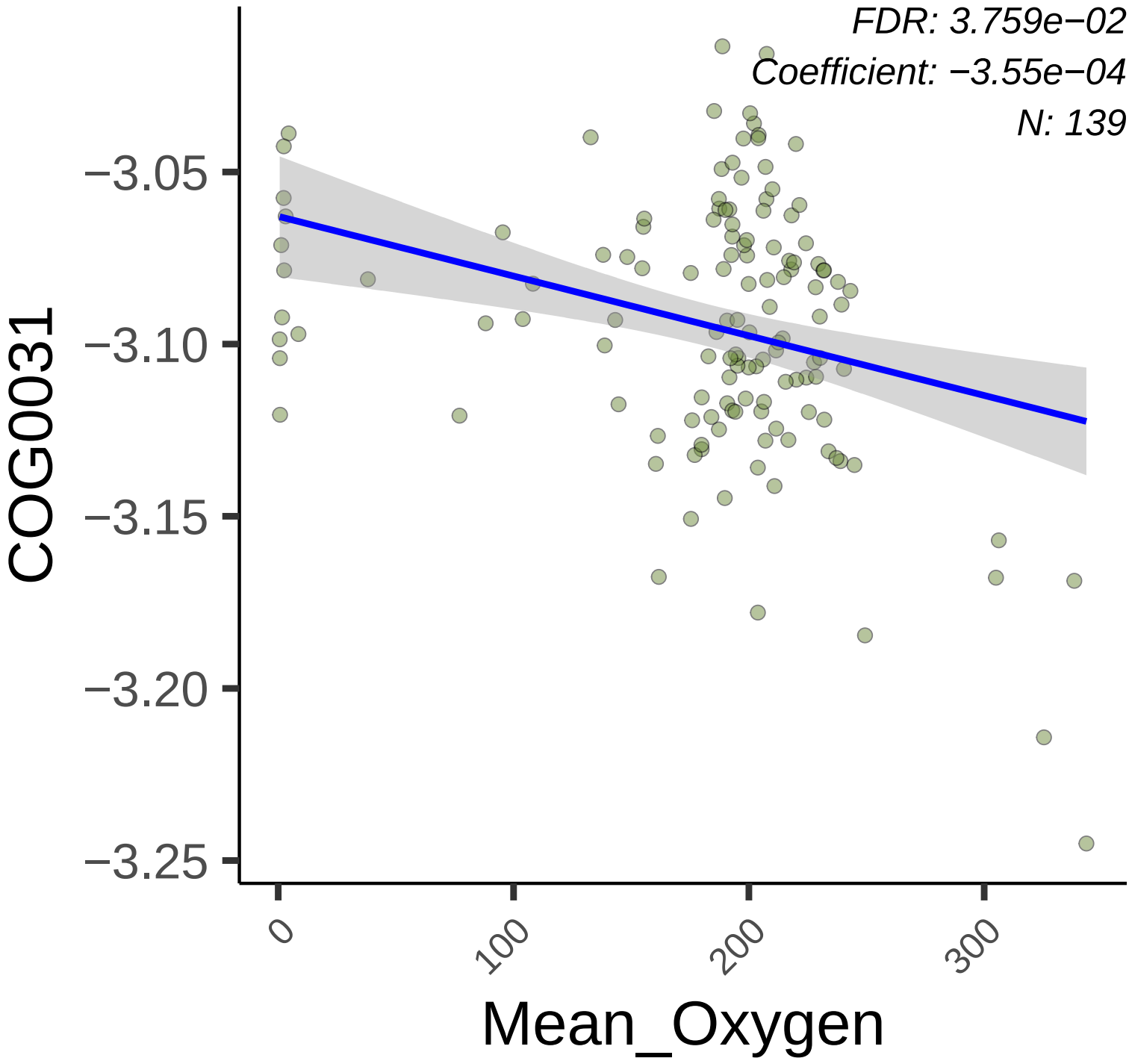
200
300
Mean_Oxygen


FDR: 3.759e−02
Coefficient: −3.55e−04
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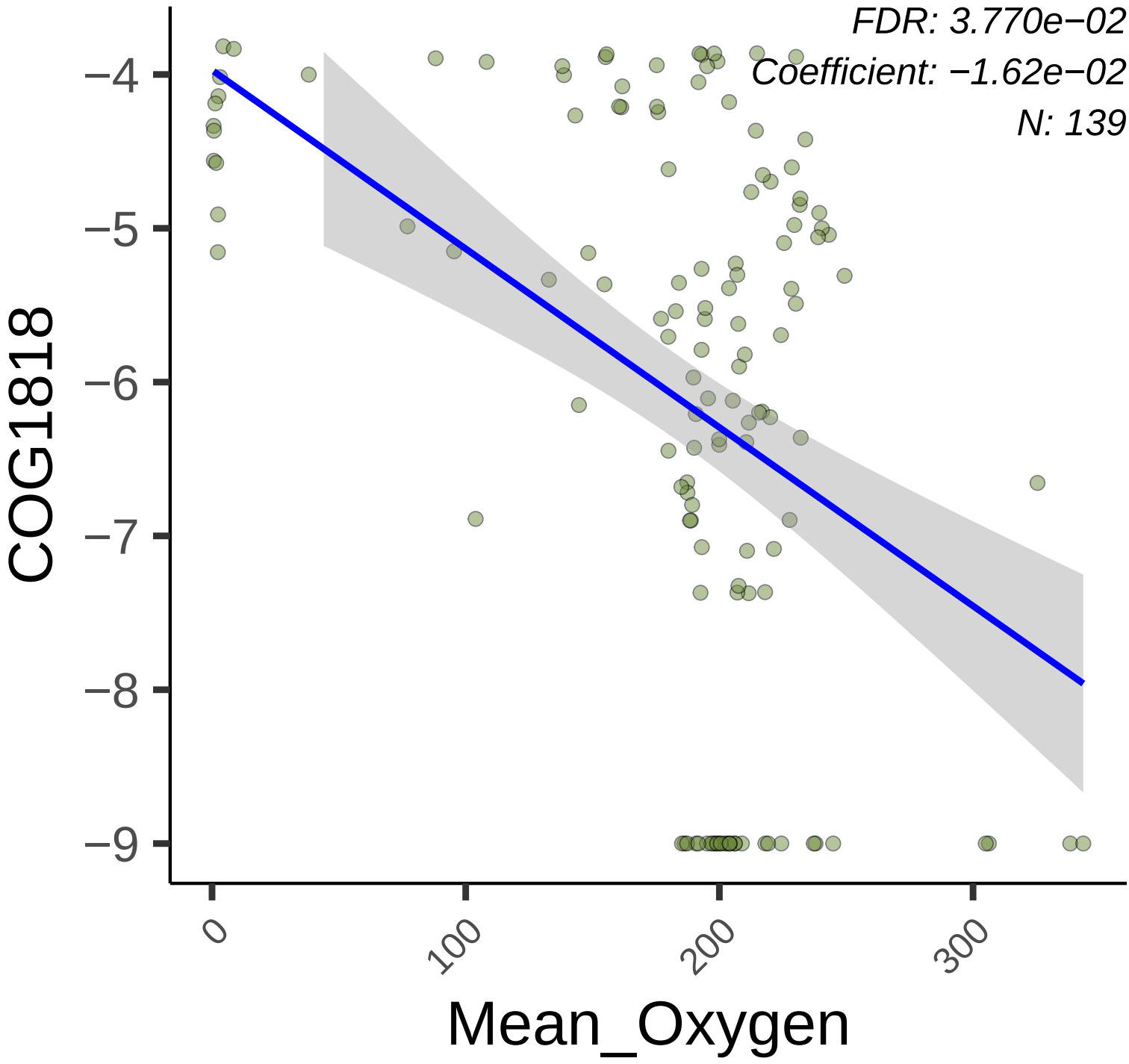
300
Mean_Oxygen


FDR: 3.770e−02
Coefficient: −1.62e−02
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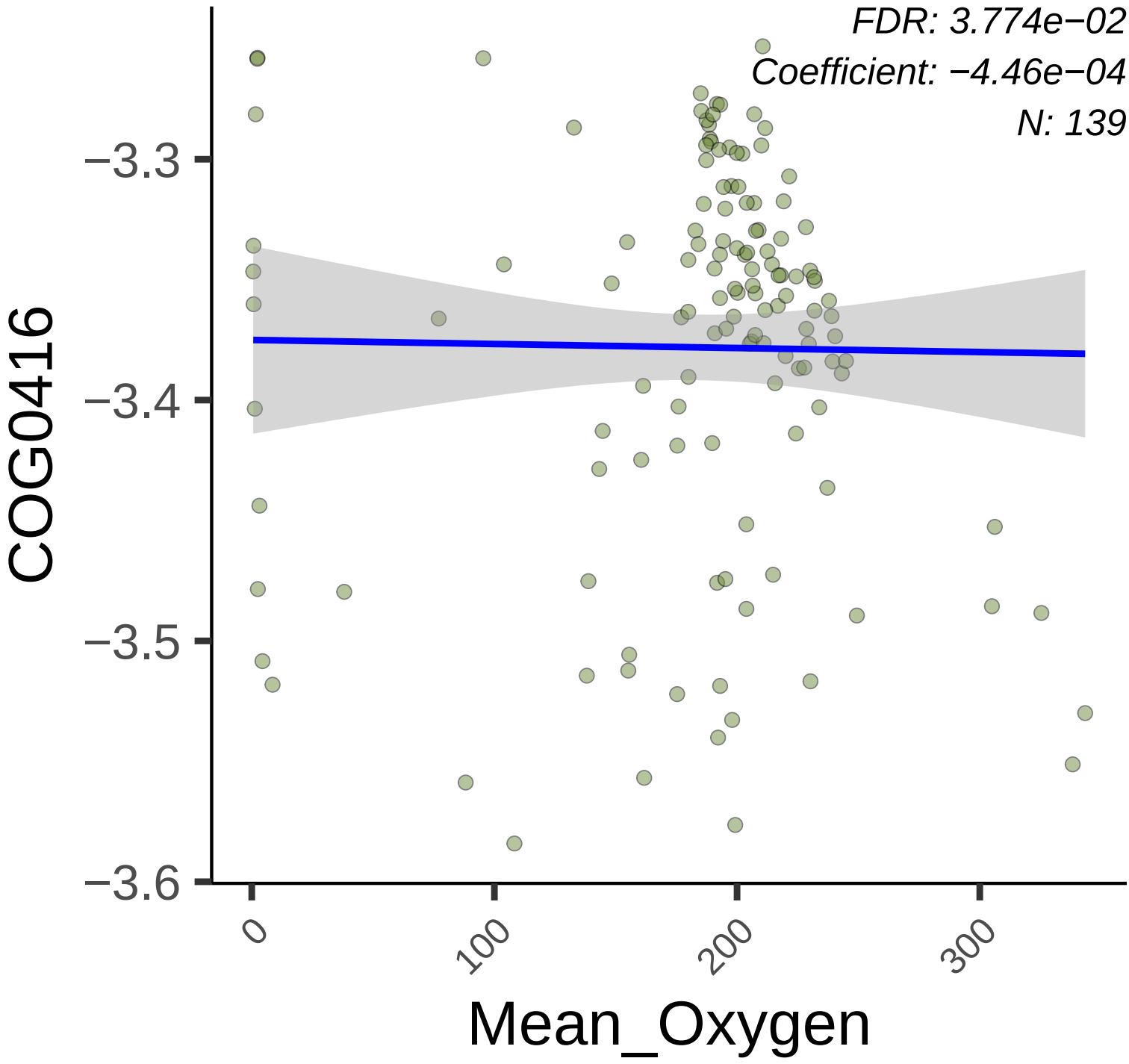
300
Mean_Oxygen


FDR: 3.774e−02
Coefficient: −4.46e−04
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COG0416
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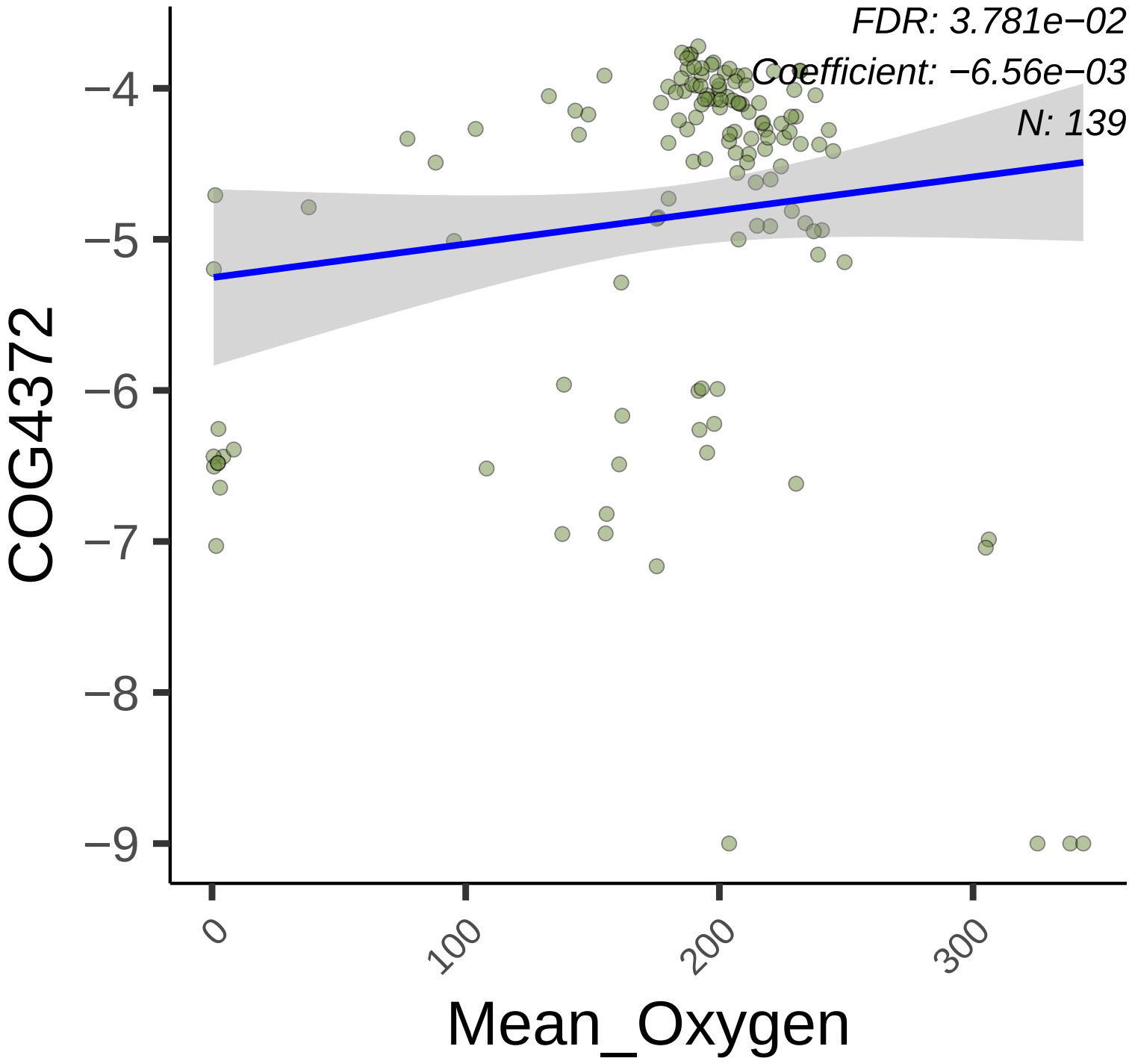
Mean_Oxygen


FDR: 3.781e−02
Coefficient: −6.56e−03
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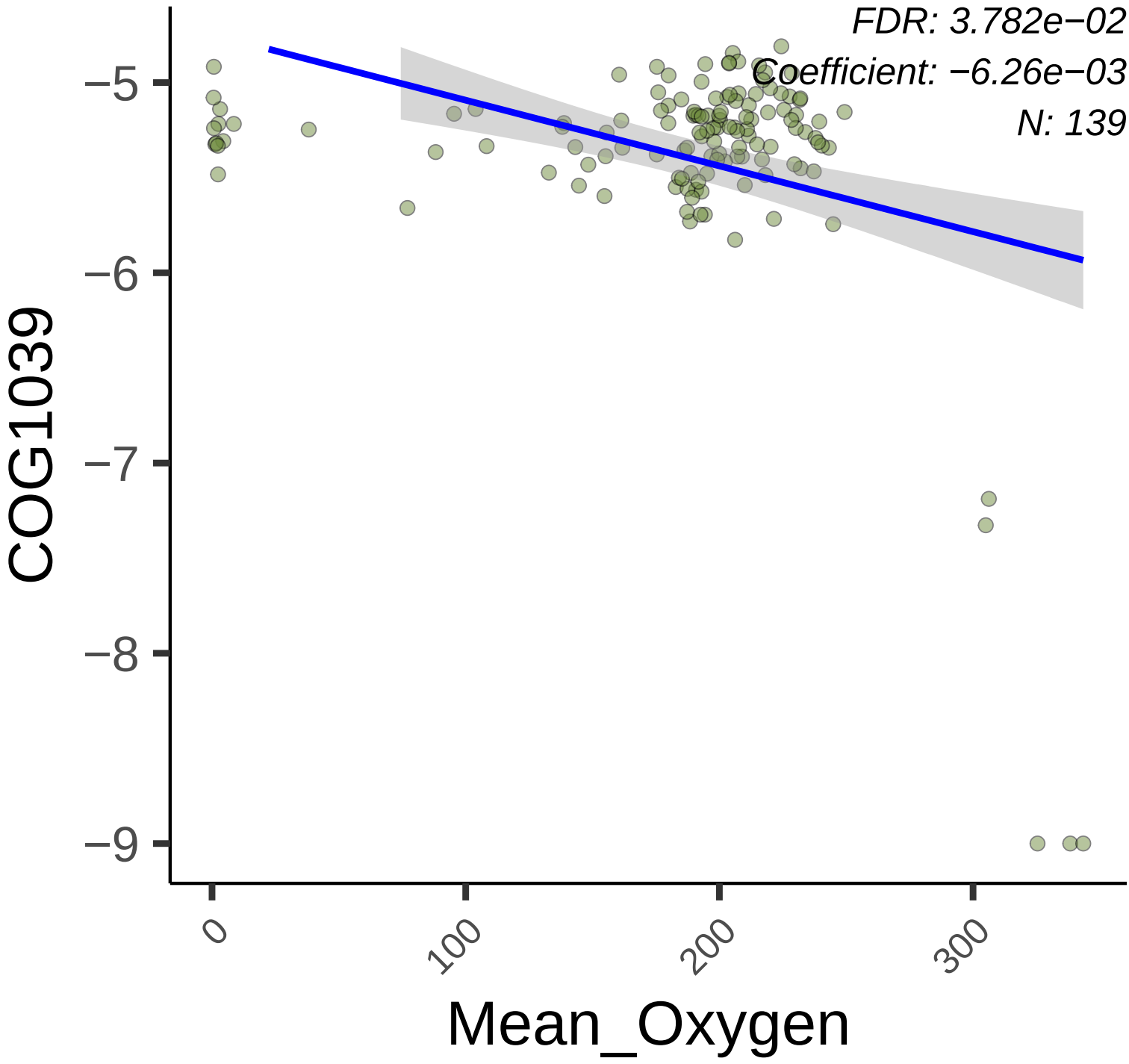
Mean_Oxygen


FDR: 3.782e−02
Coefficient: −6.26e−03
N: 139
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COG1039
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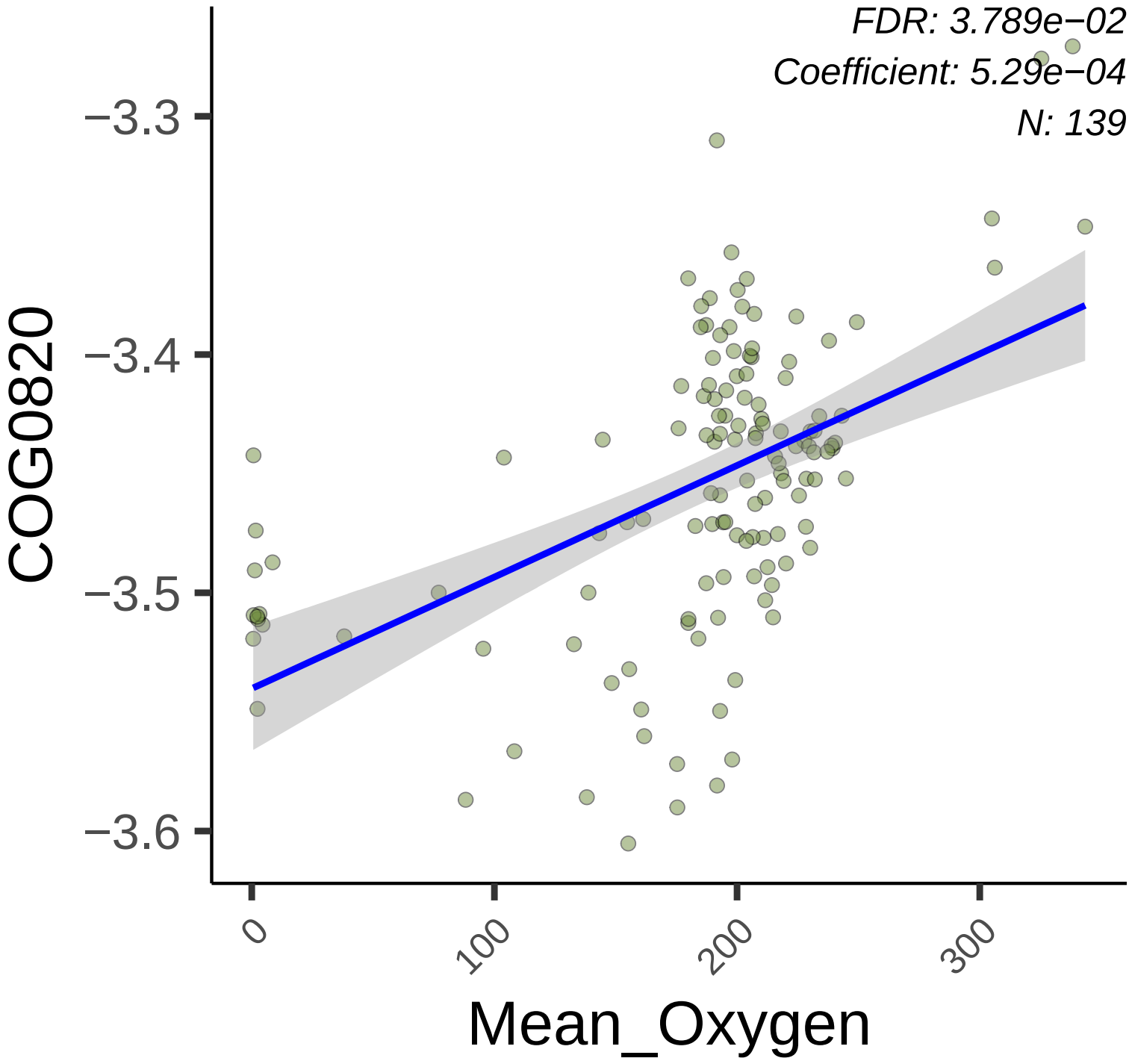
Mean_Oxygen


FDR: 3.789e−02
Coefficient: 5.29e−04
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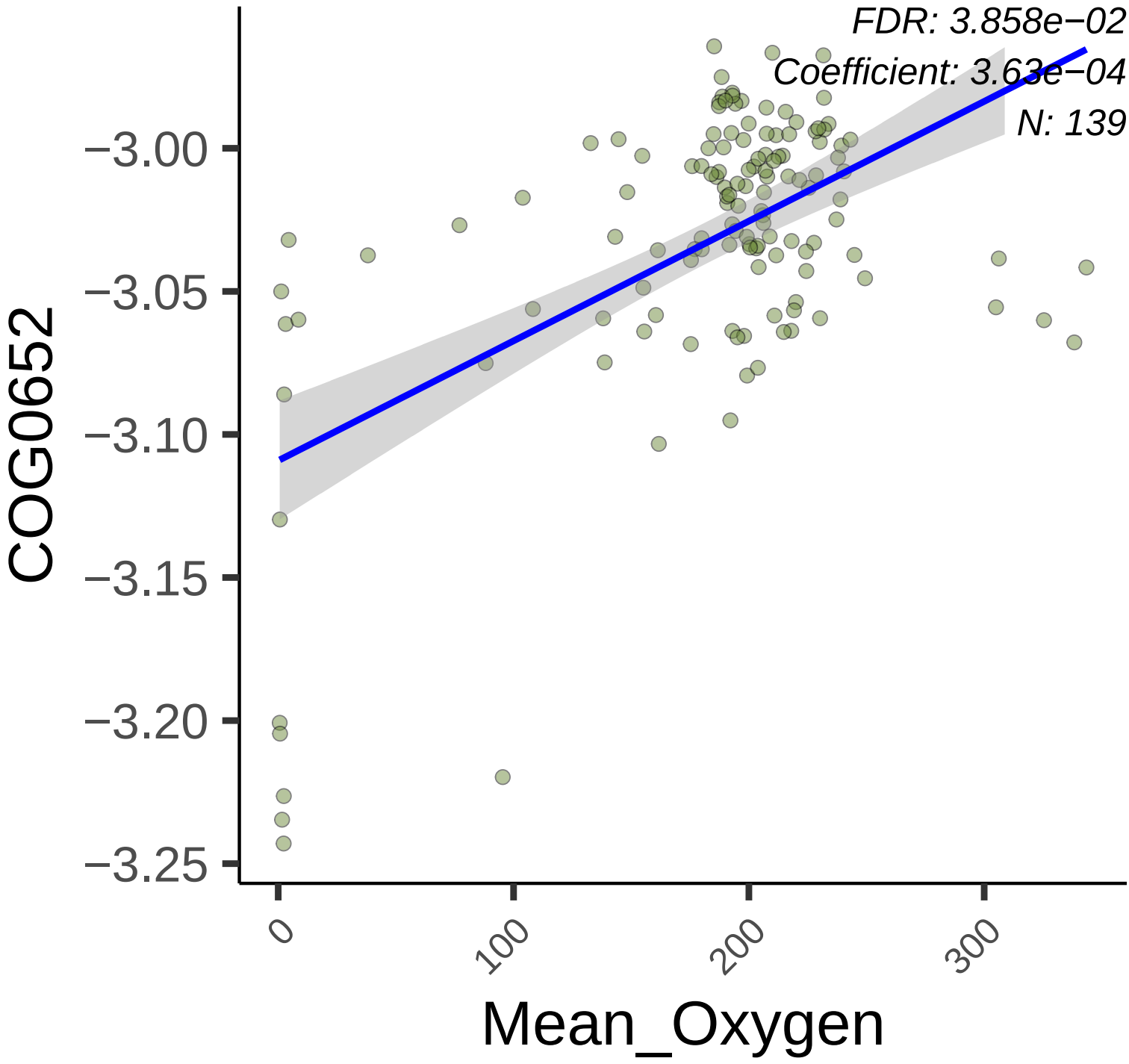
Mean_Oxygen


FDR: 3.858e−02
Coefficient: 3.63e−04
N: 139
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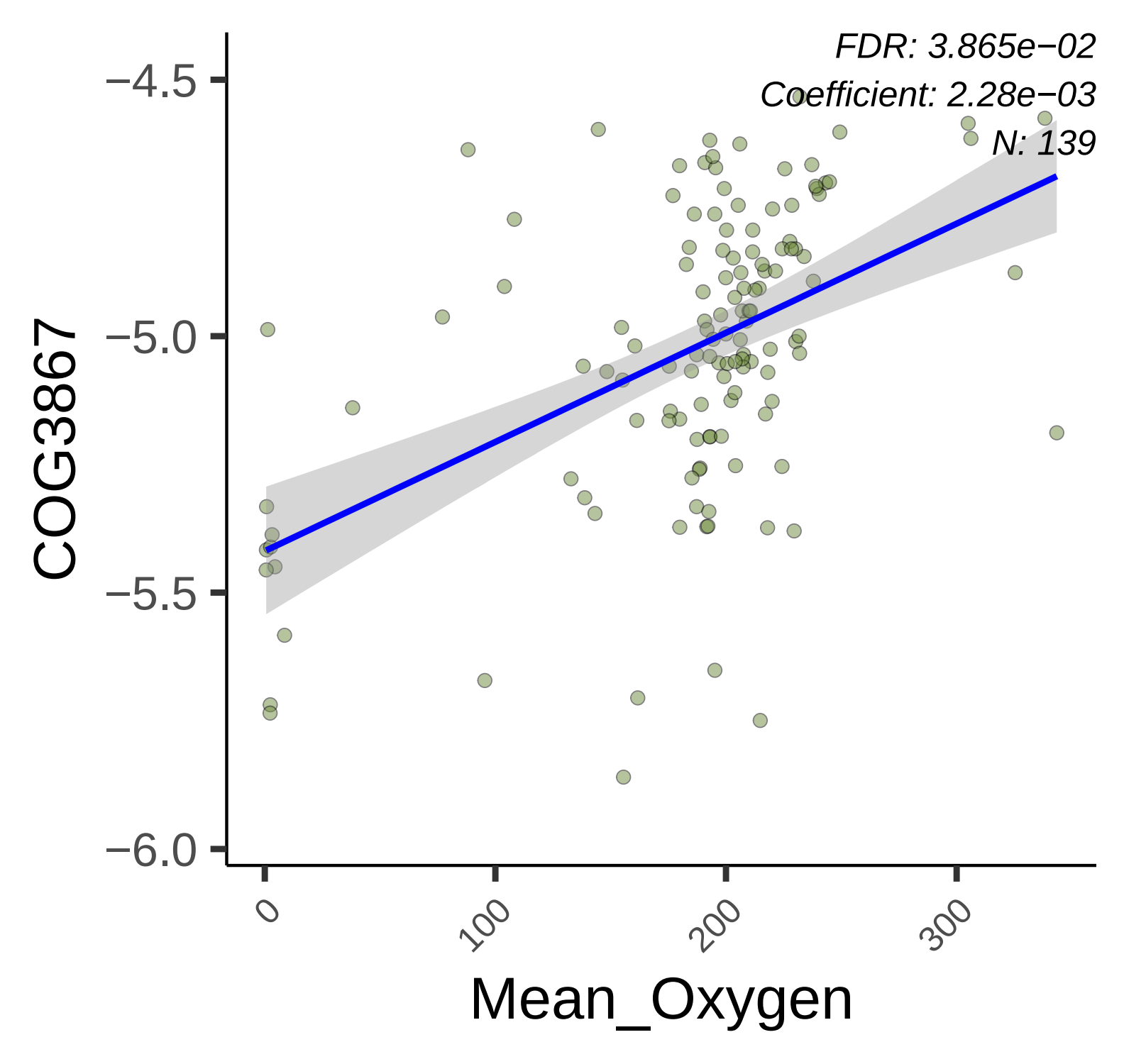
Mean_Oxygen


FDR: 3.865e−02
Coefficient: 2.28e−03
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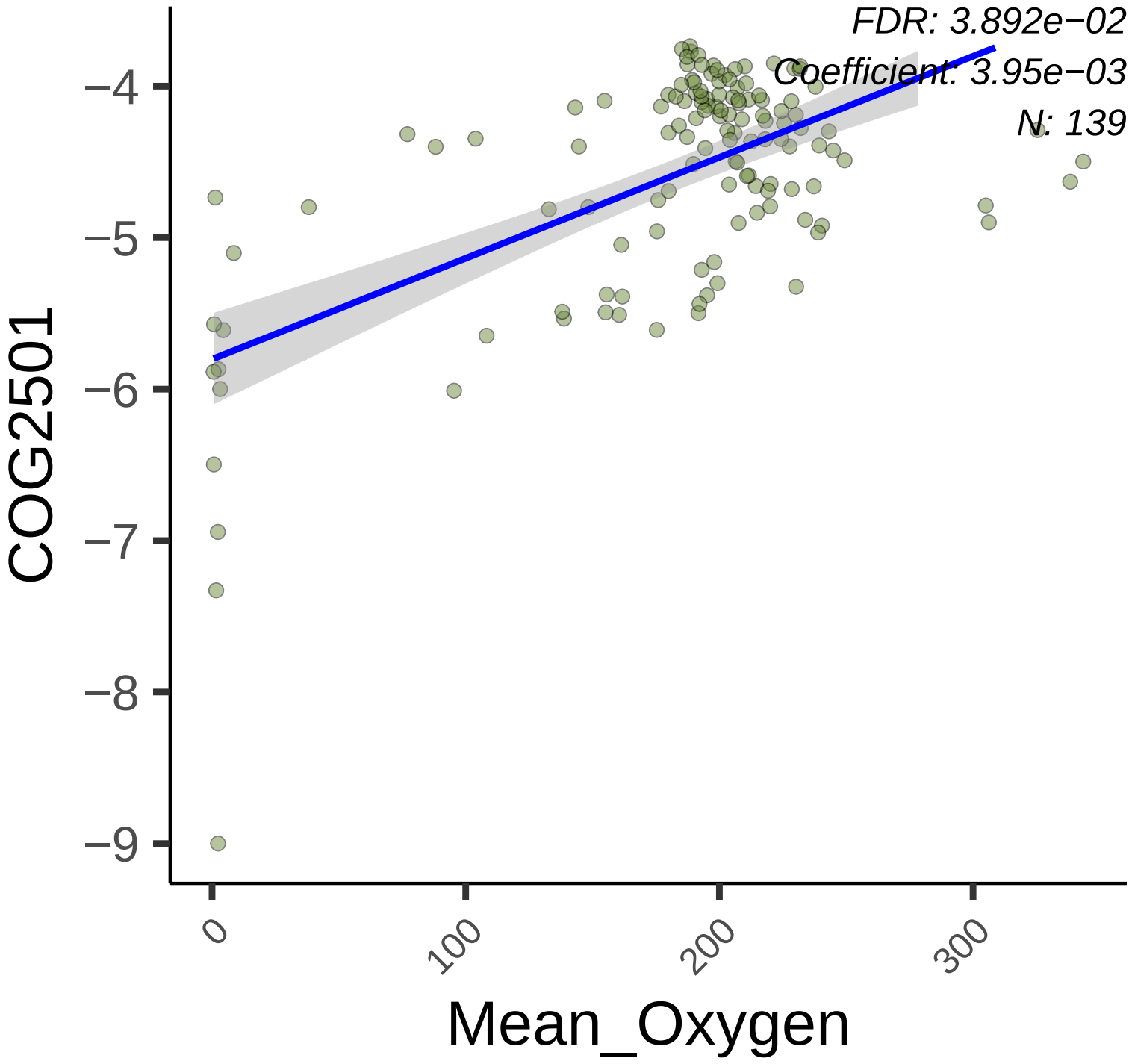
Mean_Oxygen


FDR: 3.892e−02
Coefficient: 3.95e−03
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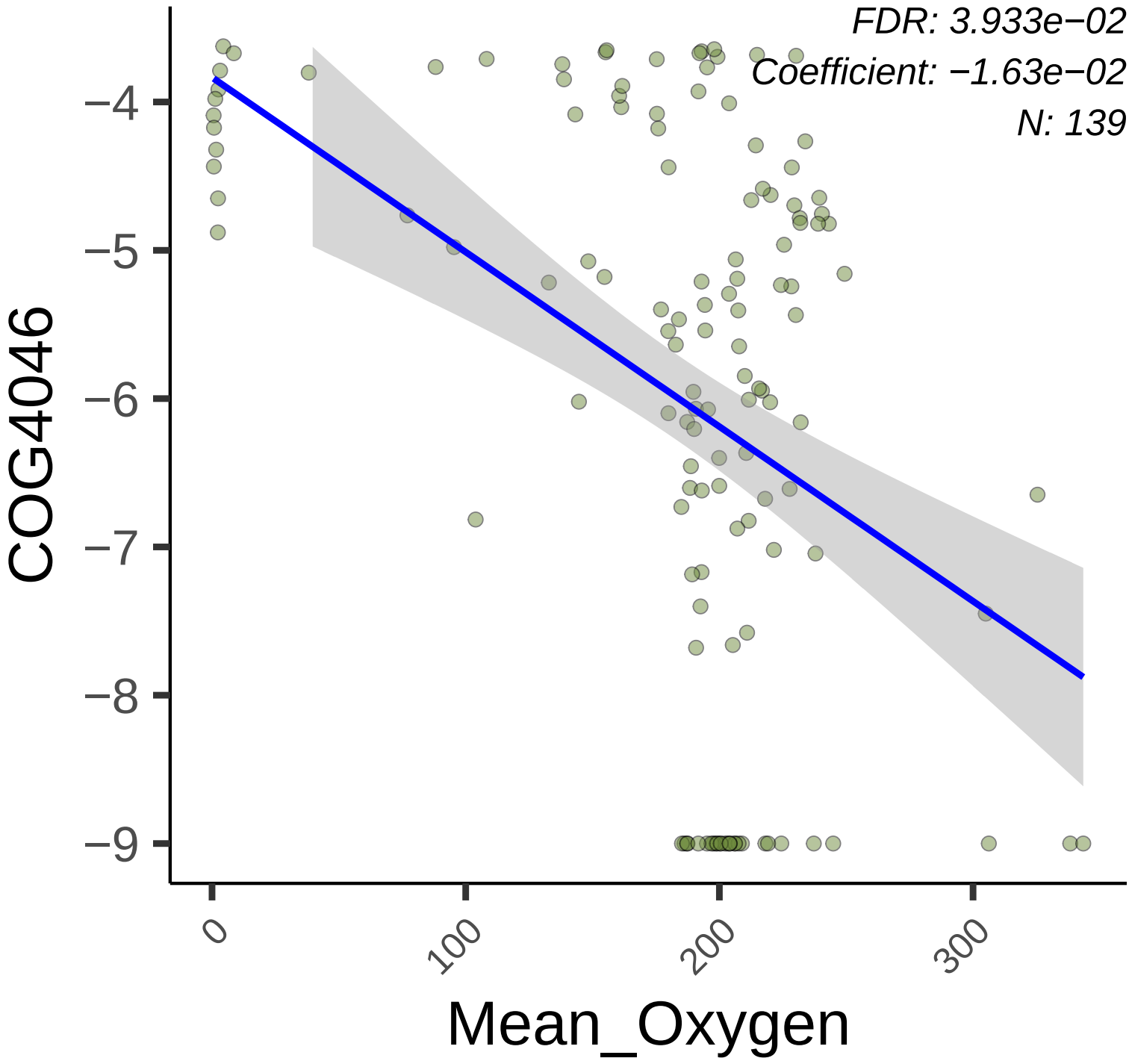
Mean_Oxygen


FDR: 3.933e−02
Coefficient: −1.63e−02
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COG4046
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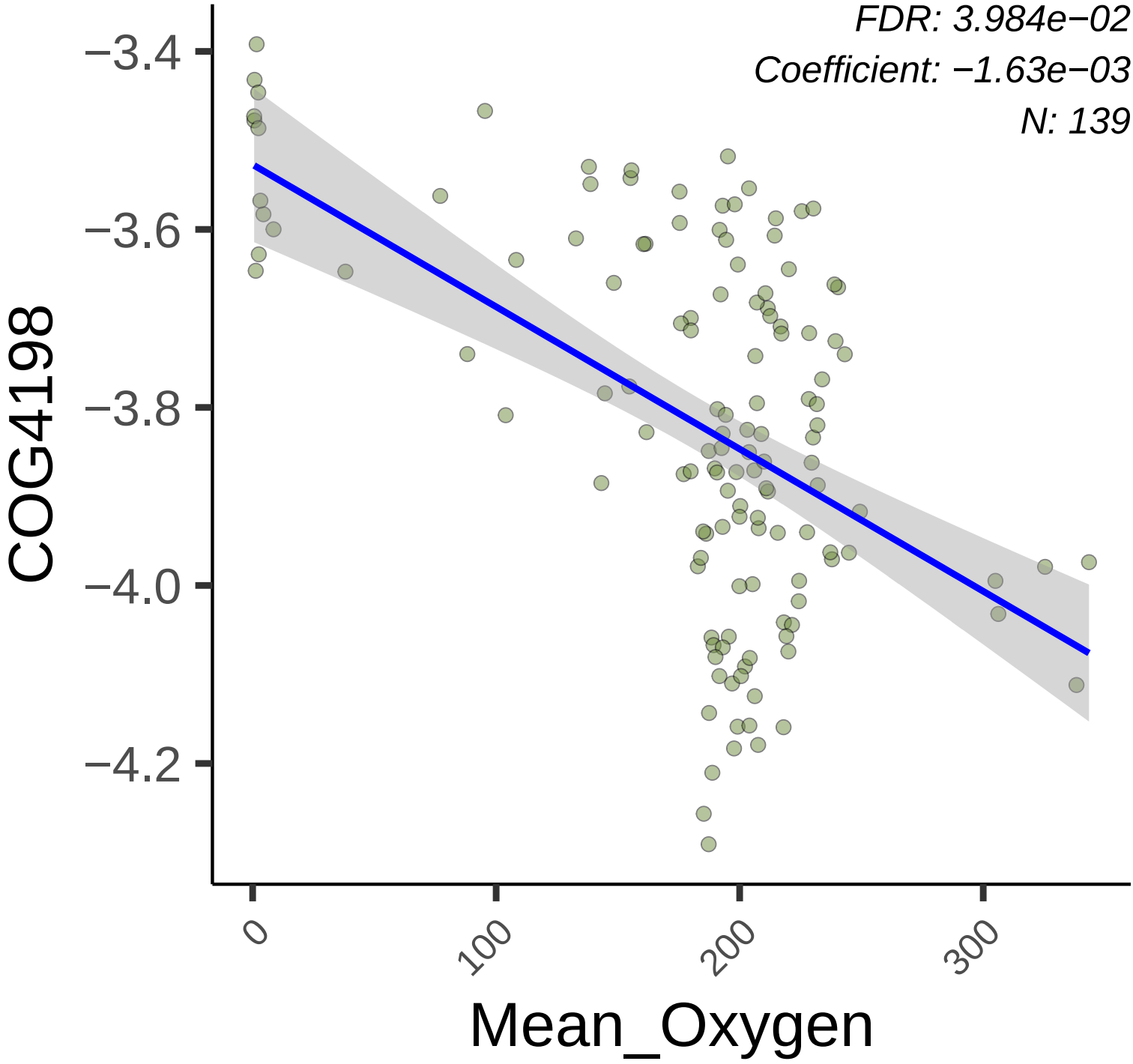
300
Mean_Oxygen


FDR: 3.984e−02
Coefficient: −1.63e−03
N: 139
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COG4198
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200
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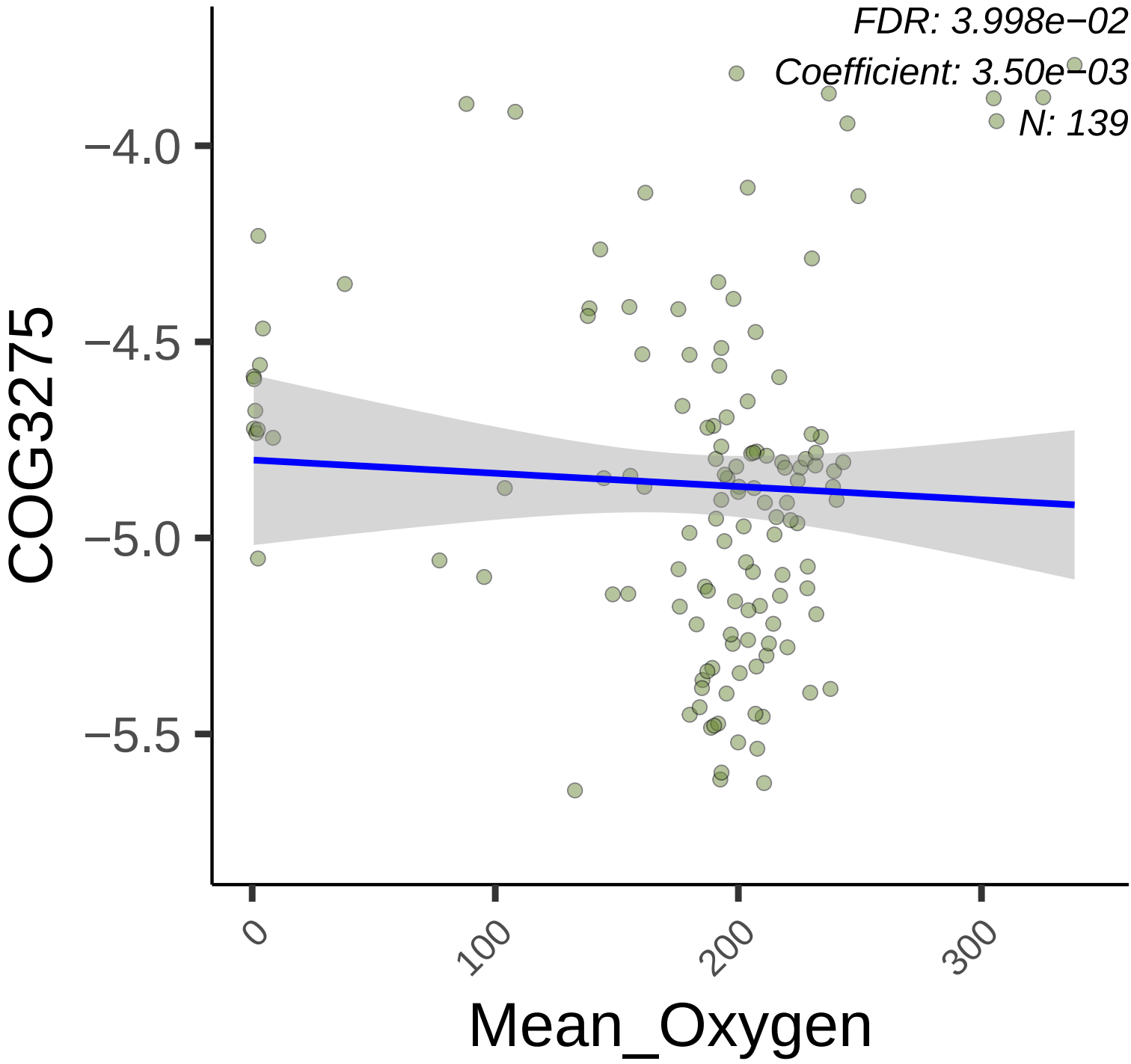
Mean_Oxygen


FDR: 3.998e−02
Coefficient: 3.50e−03
N: 139
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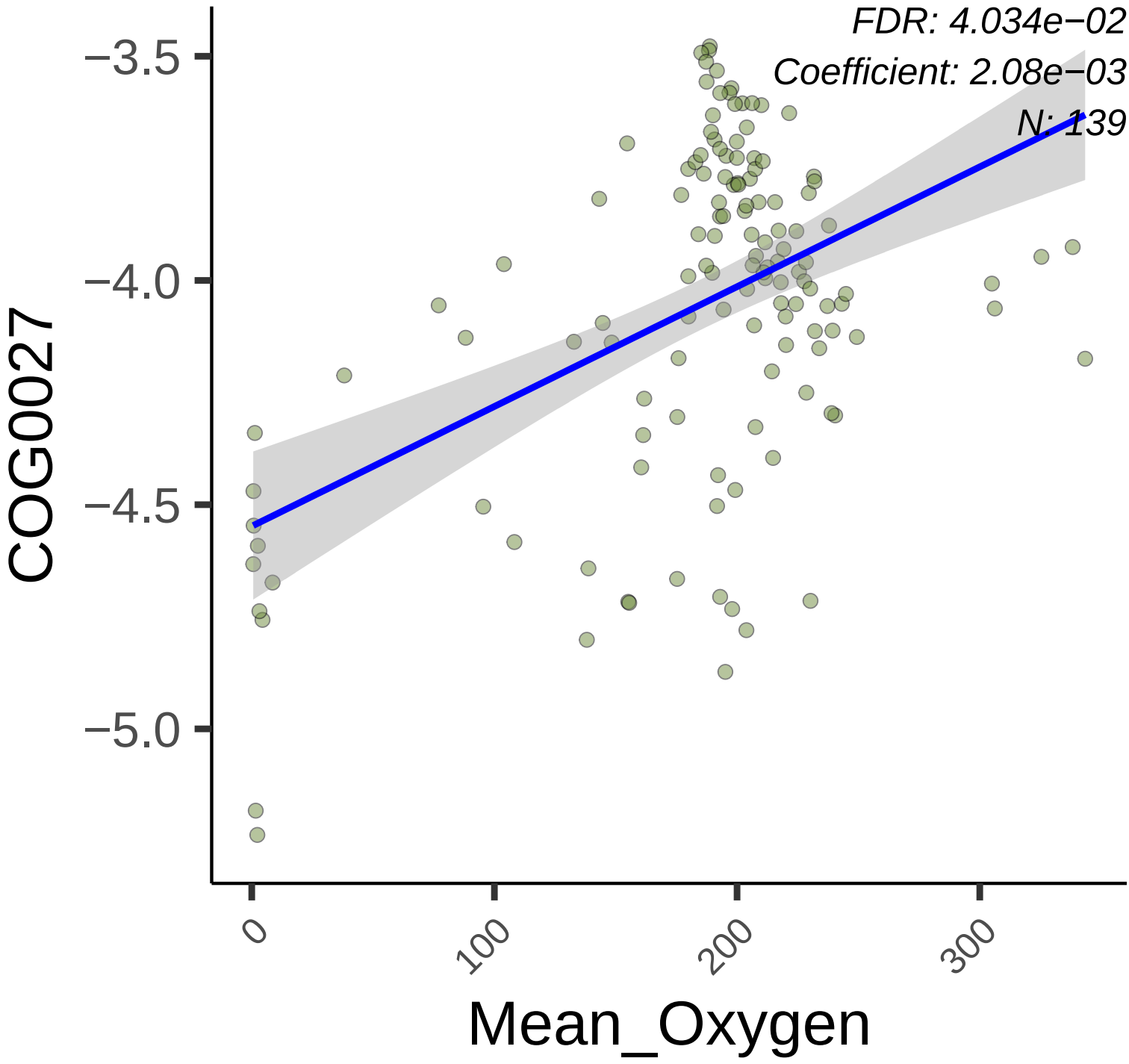
300
Mean_Oxygen


FDR: 4.034e−02
Coefficient: 2.08e−03
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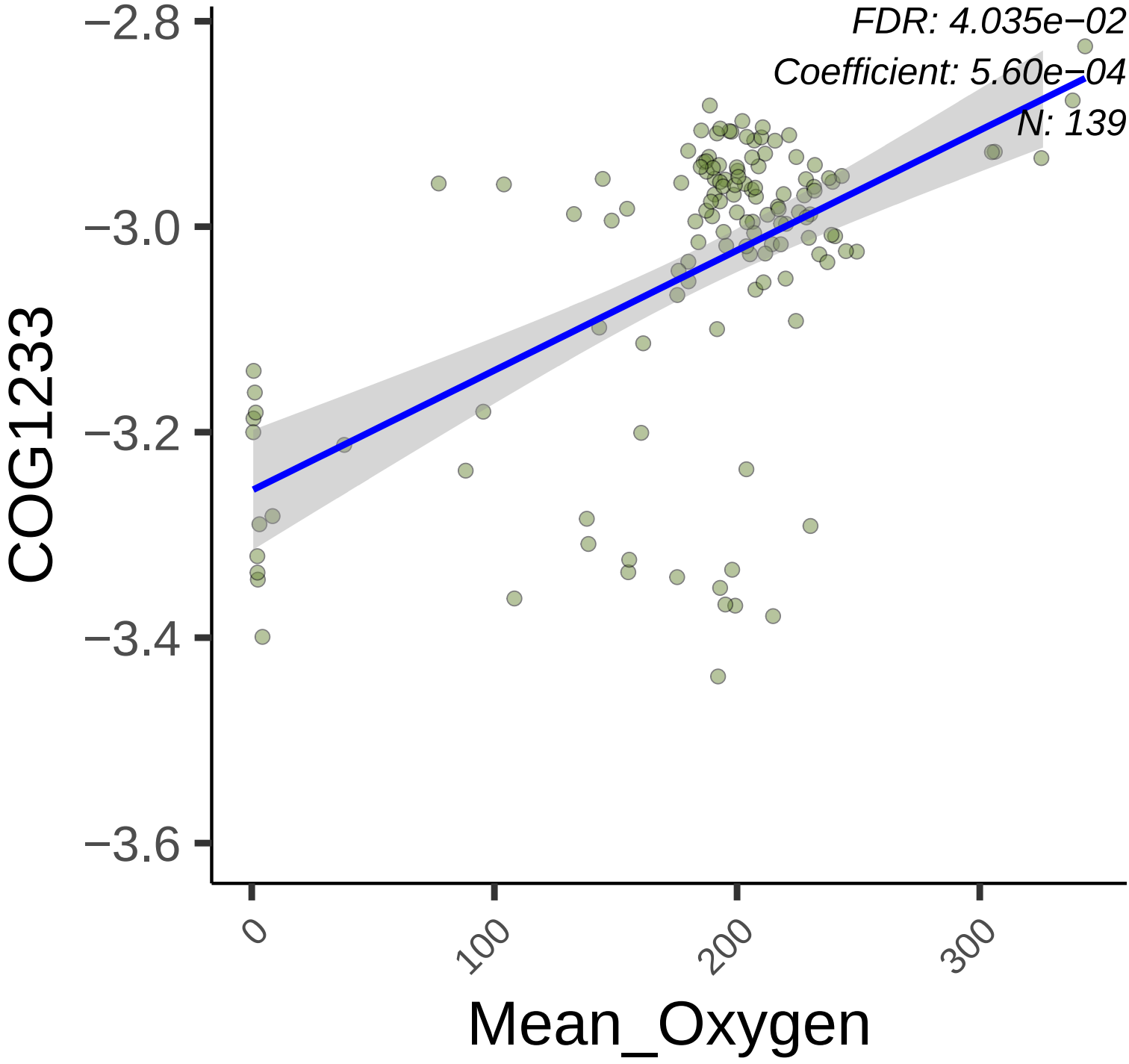
Mean_Oxygen


FDR: 4.035e−02
Coefficient: 5.60e−04
N: 139
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COG1233
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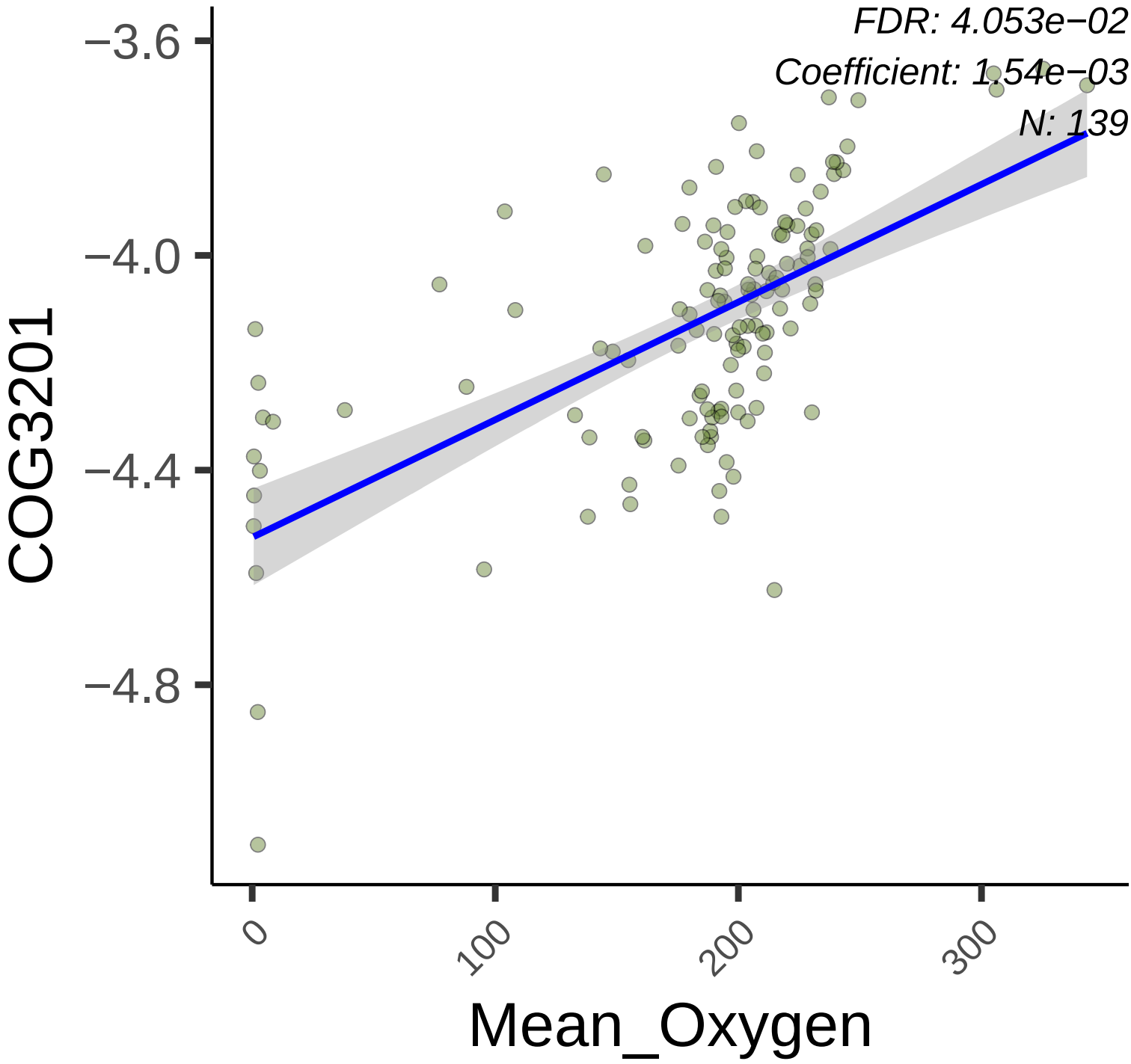
200
300
Mean_Oxygen


FDR: 4.053e−02
Coefficient: 1.54e−03
N: 139
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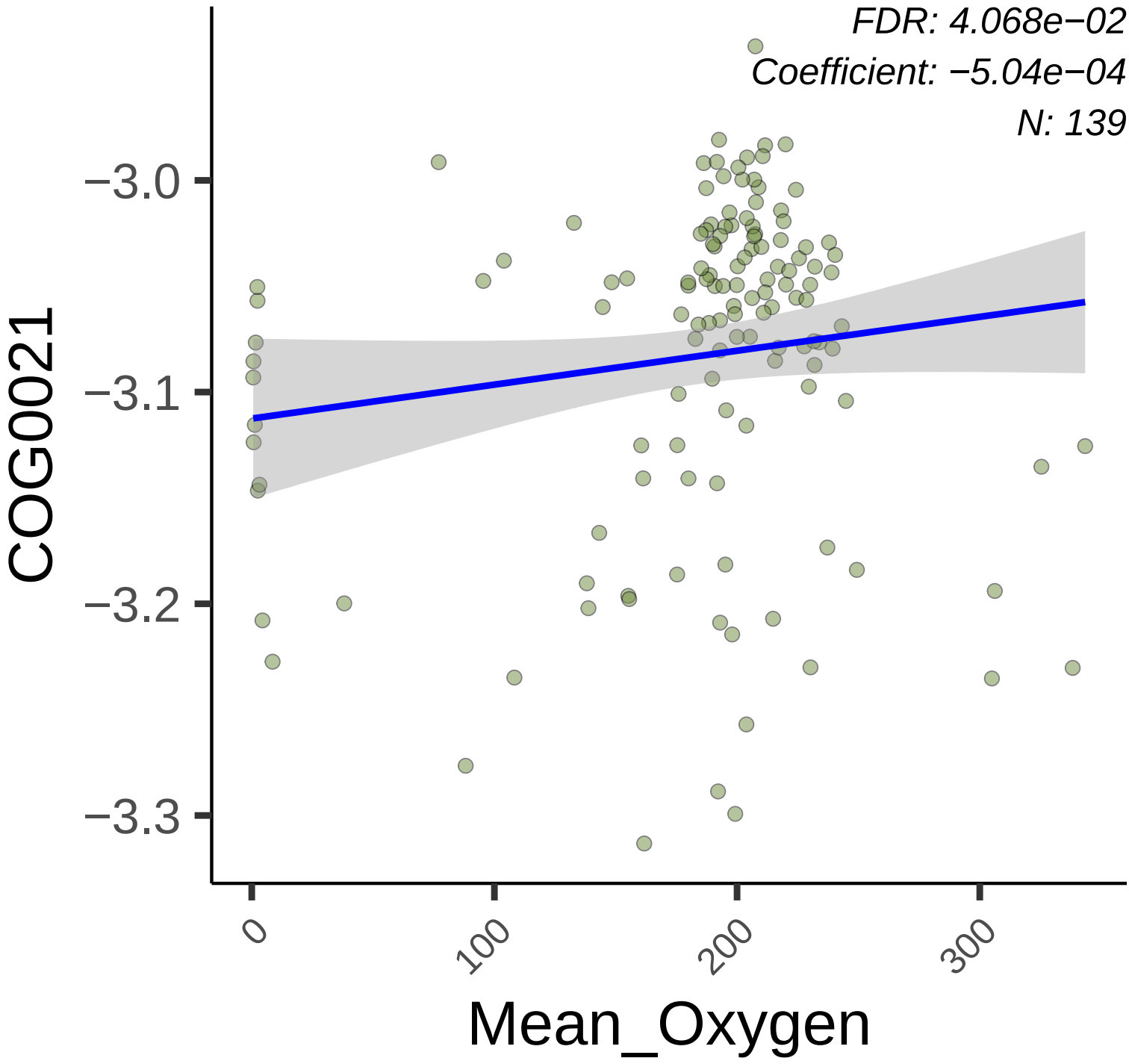
200
300
Mean_Oxygen


FDR: 4.068e−02
Coefficient: −5.04e−04
N: 139
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−3.3
COG0021
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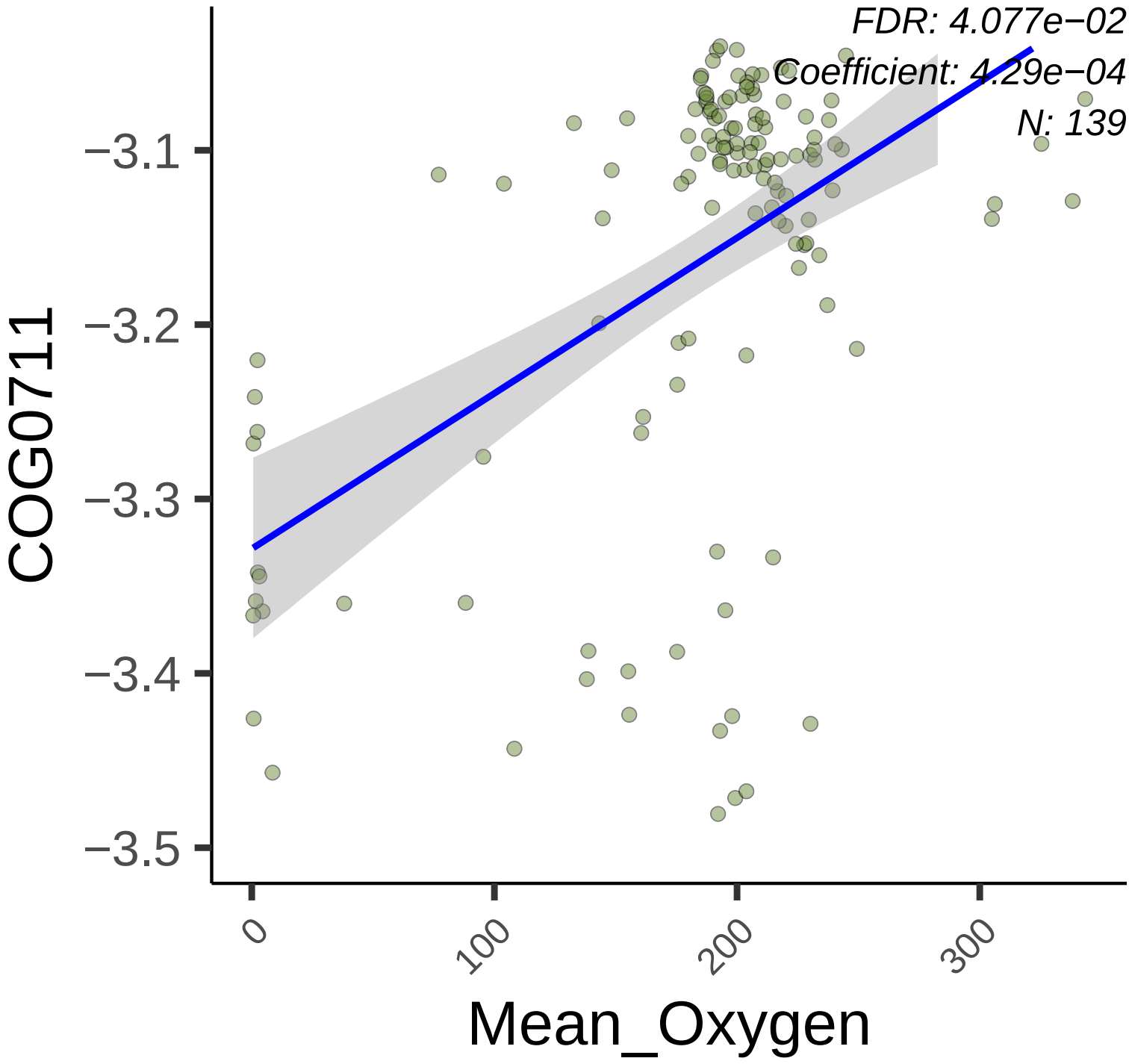
100
200
300
Mean_Oxygen


FDR: 4.077e−02
Coefficient: 4.29e−04
N: 139
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COG0711
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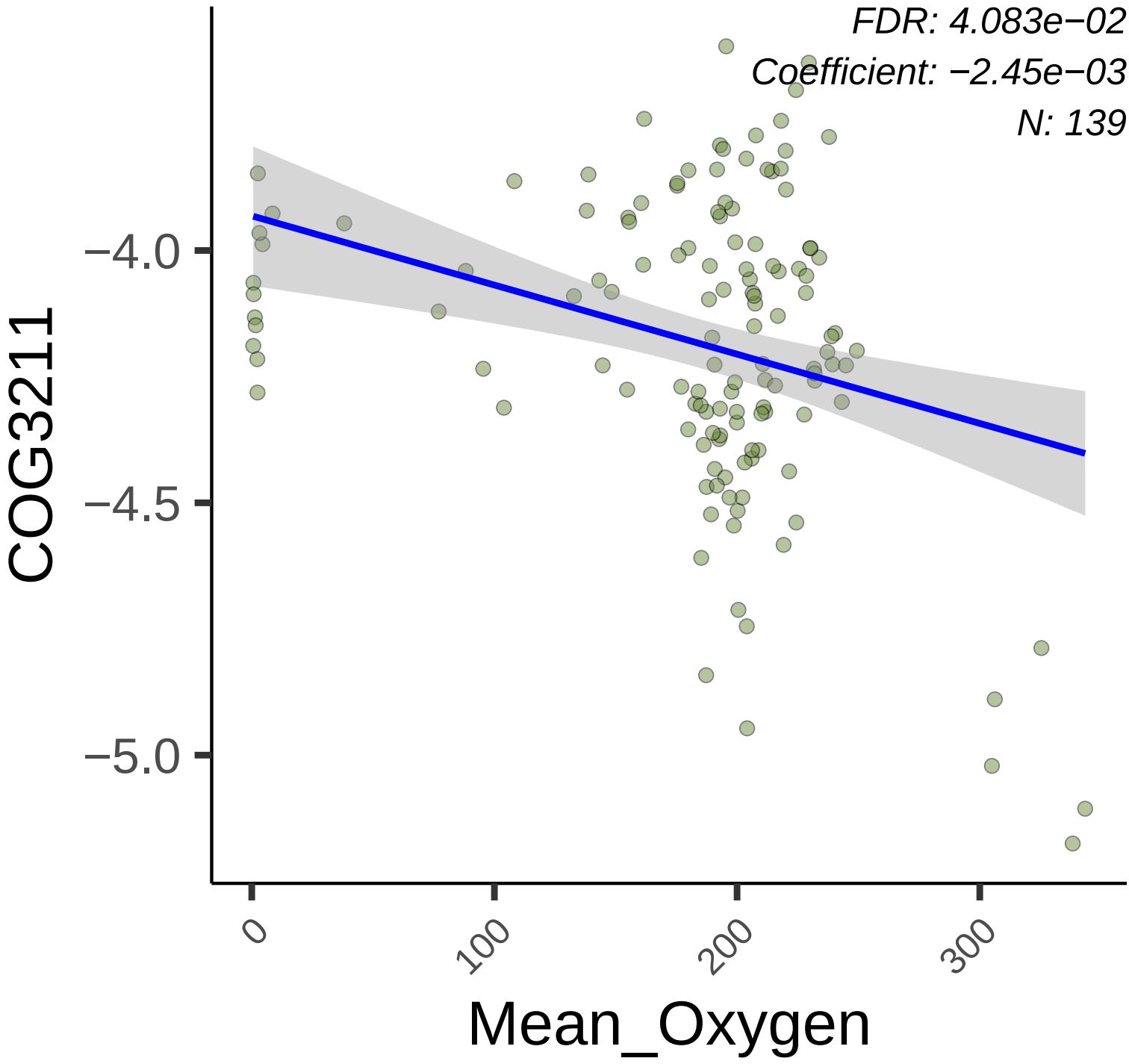
Mean_Oxygen


FDR: 4.083e−02
Coefficient: −2.45e−03
N: 139
COG3211
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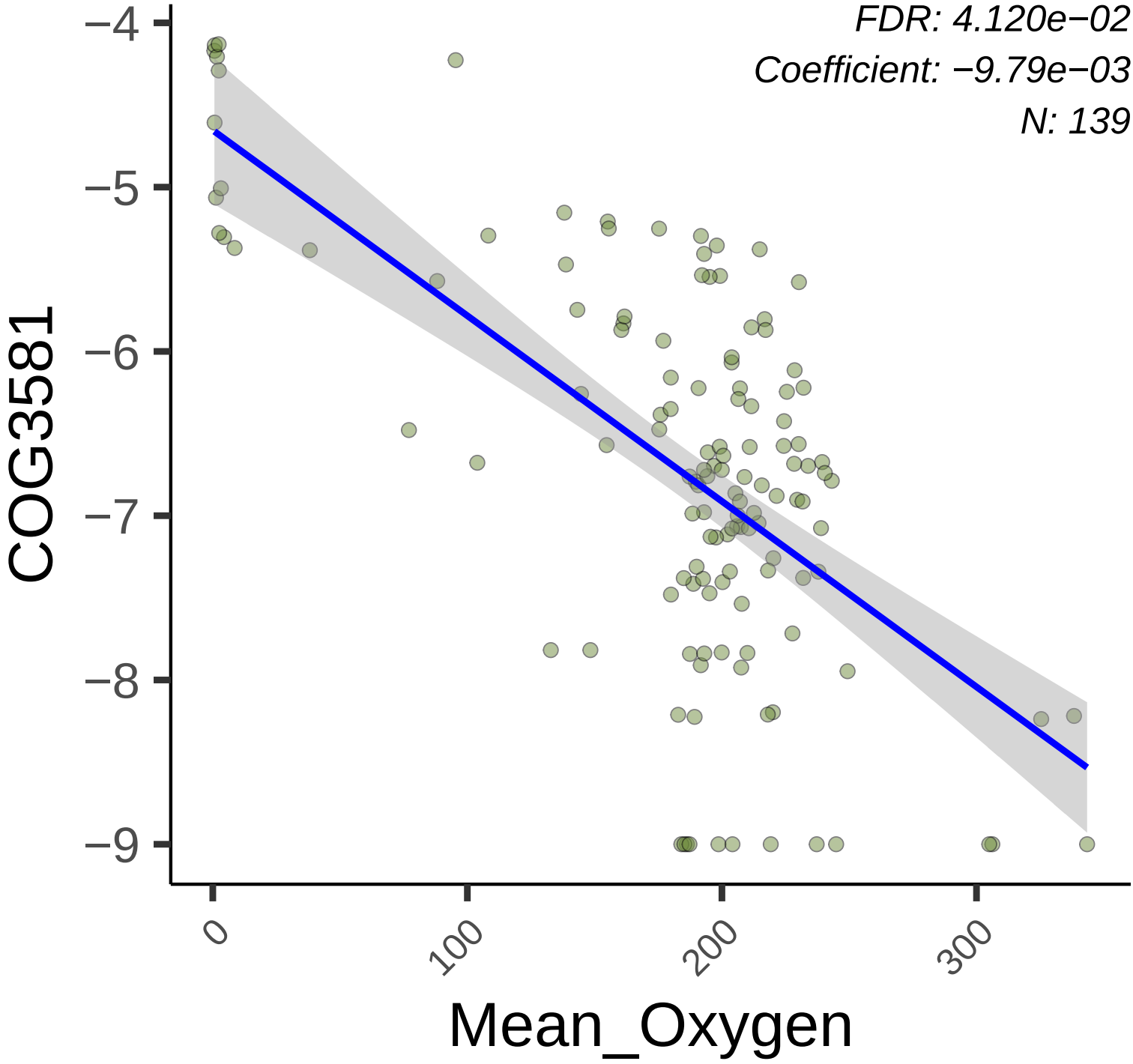
Mean_Oxygen


FDR: 4.120e−02
Coefficient: −9.79e−03
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COG3581
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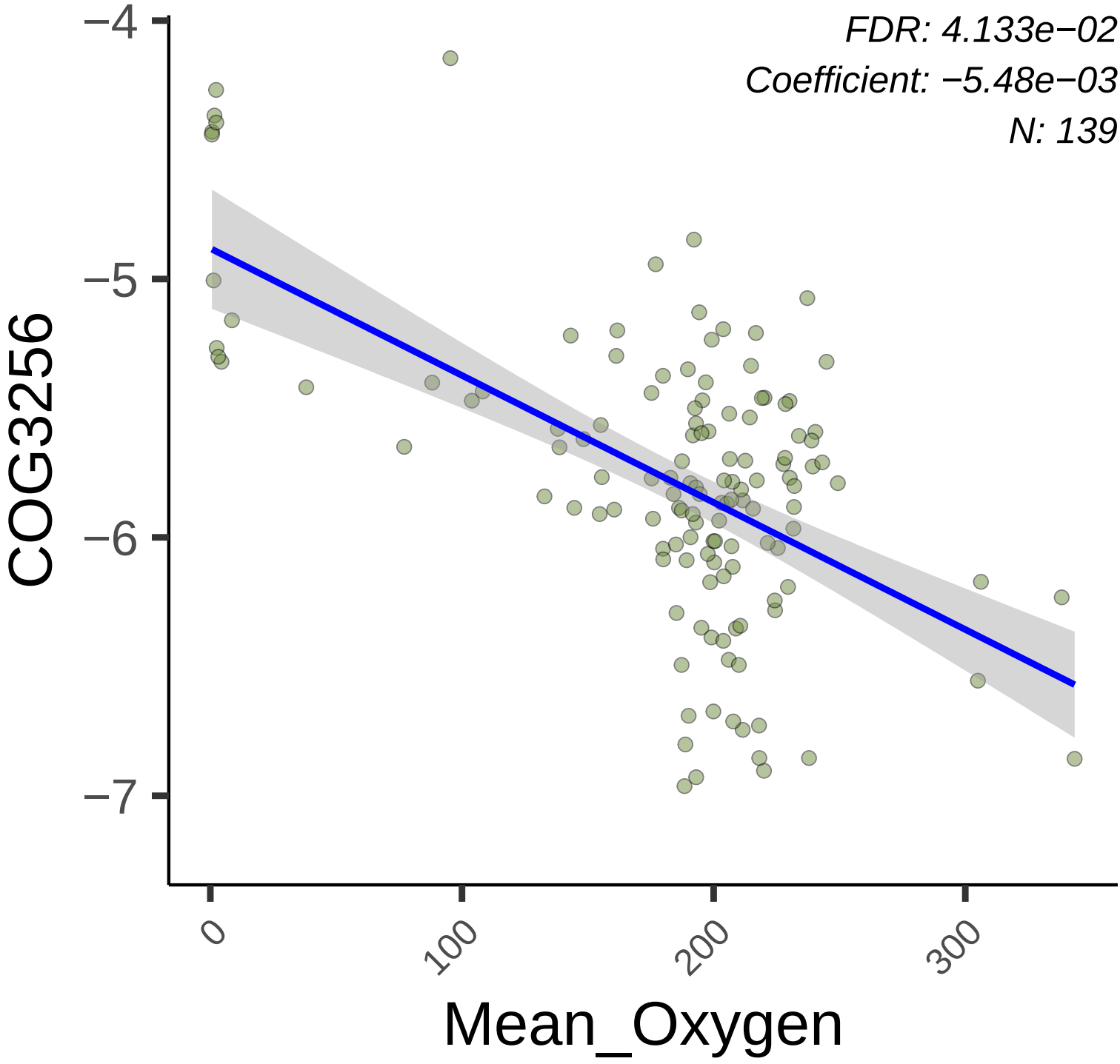
Mean_Oxygen


FDR: 4.133e−02
Coefficient: −5.48e−03
N: 139
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COG3256
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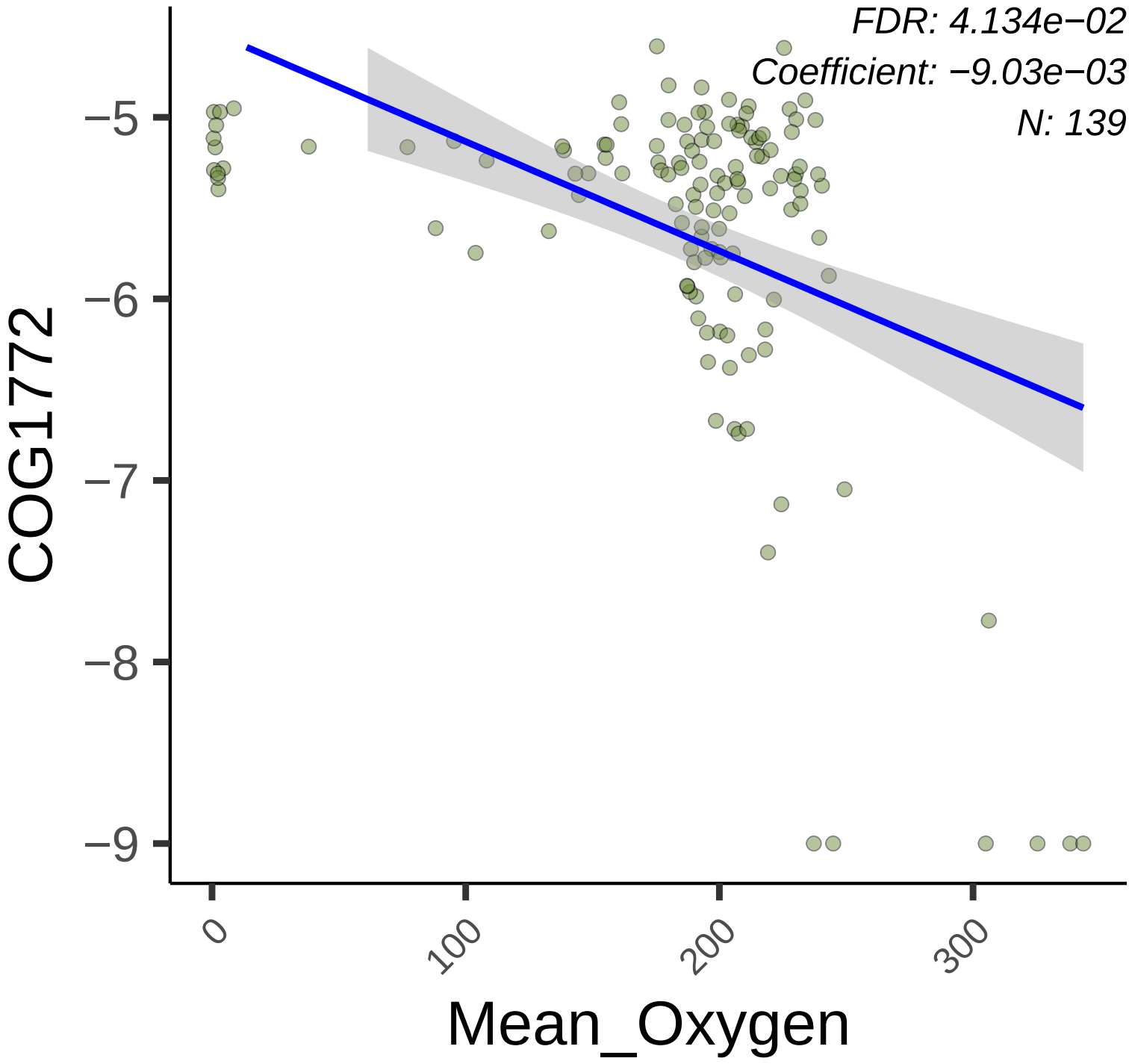
Mean_Oxygen


FDR: 4.134e−02
Coefficient: −9.03e−03
N: 139
COG1772
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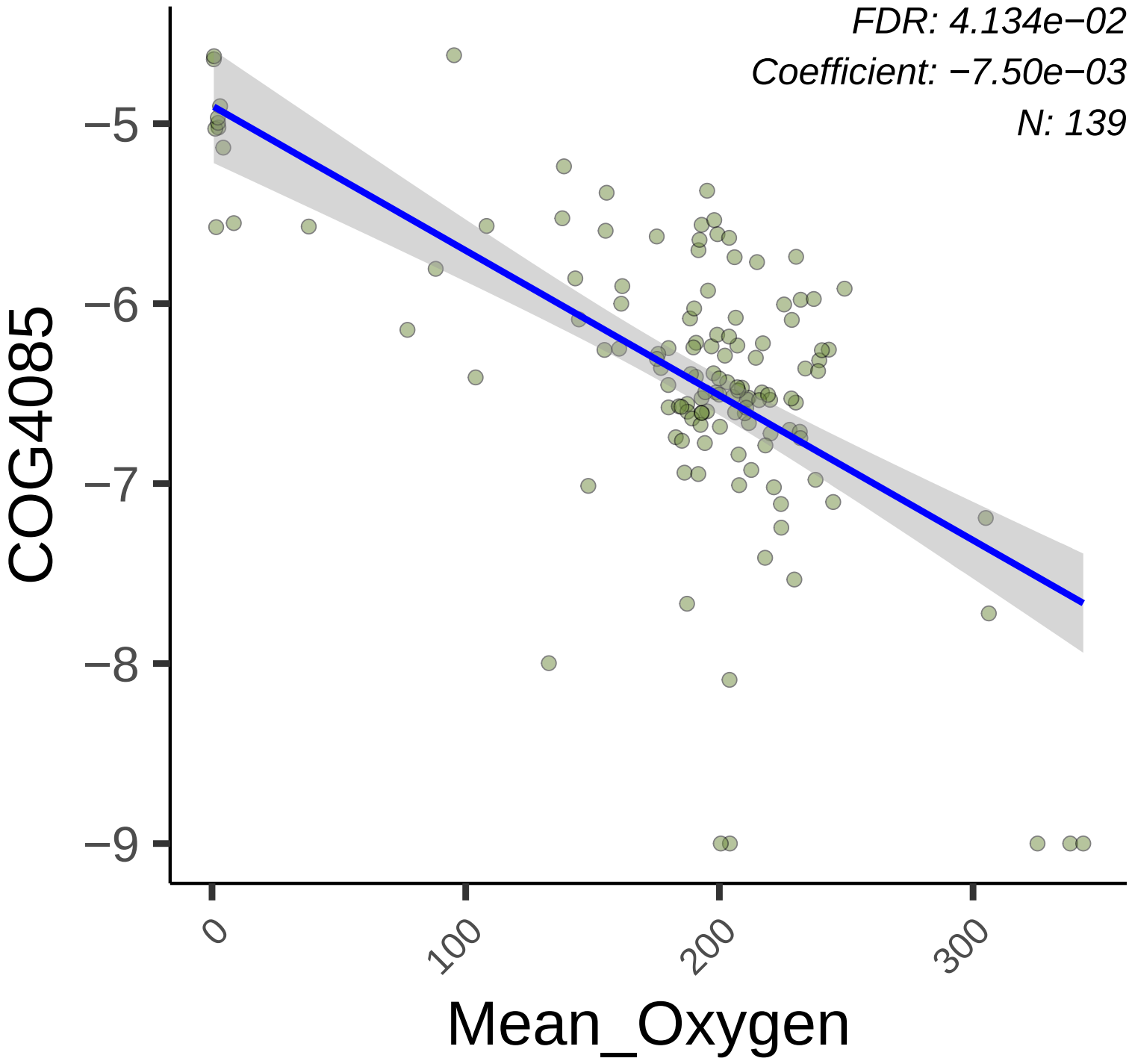
Mean_Oxygen


FDR: 4.134e−02
Coefficient: −7.50e−03
N: 139
COG4085
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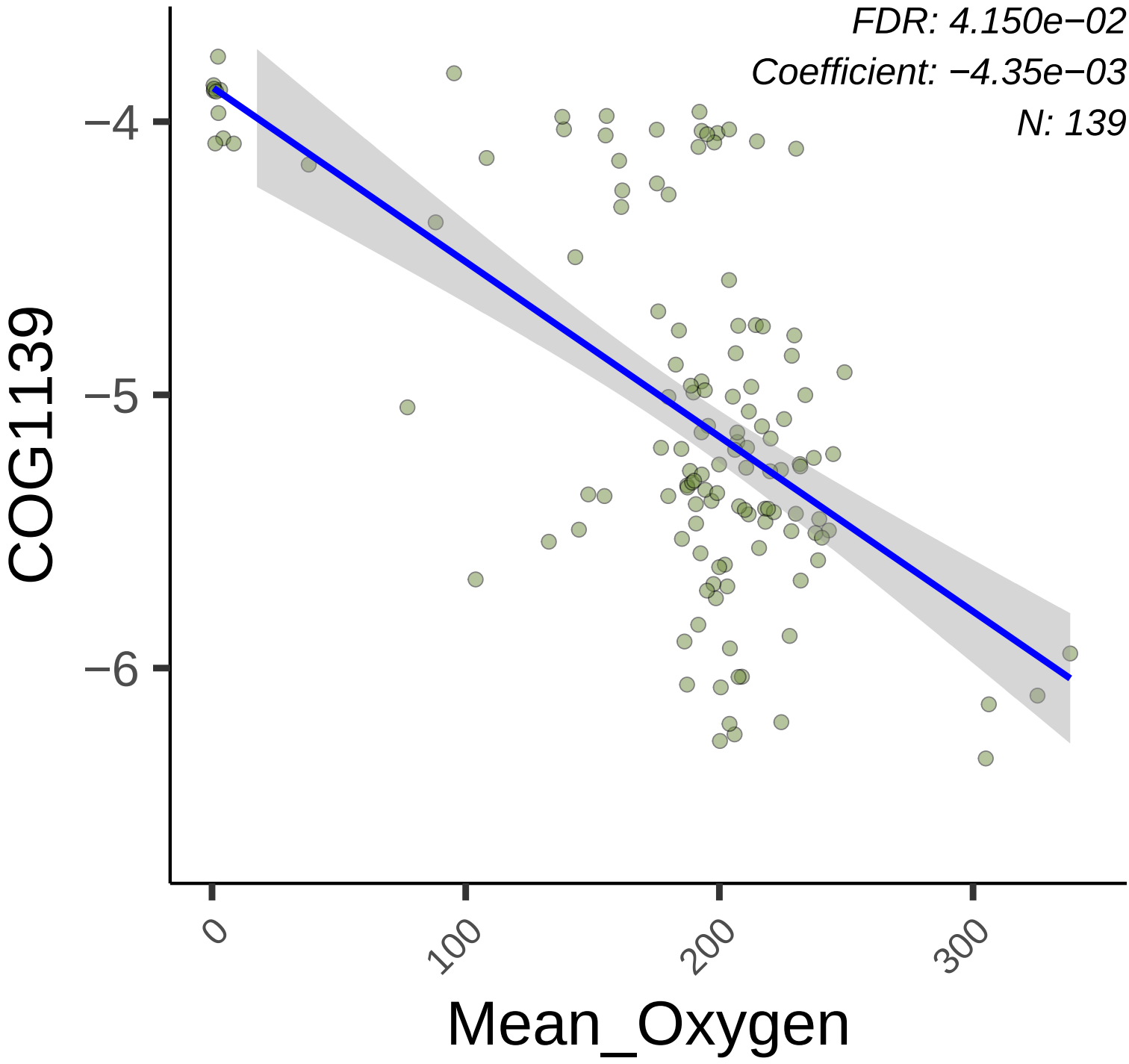
Mean_Oxygen


FDR: 4.150e−02
Coefficient: −4.35e−03
N: 139
COG1139
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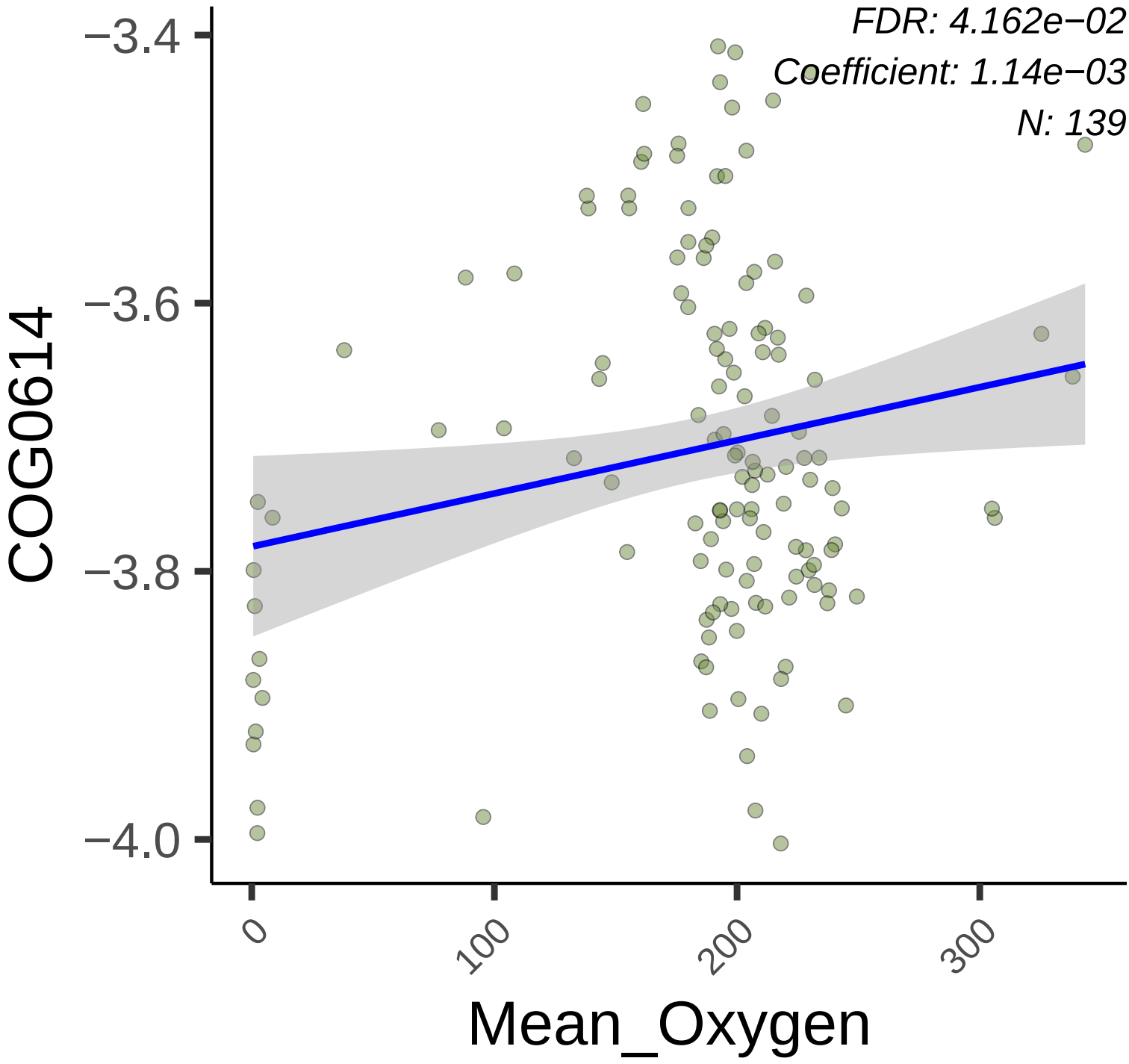
Mean_Oxygen


FDR: 4.162e−02
Coefficient: 1.14e−03
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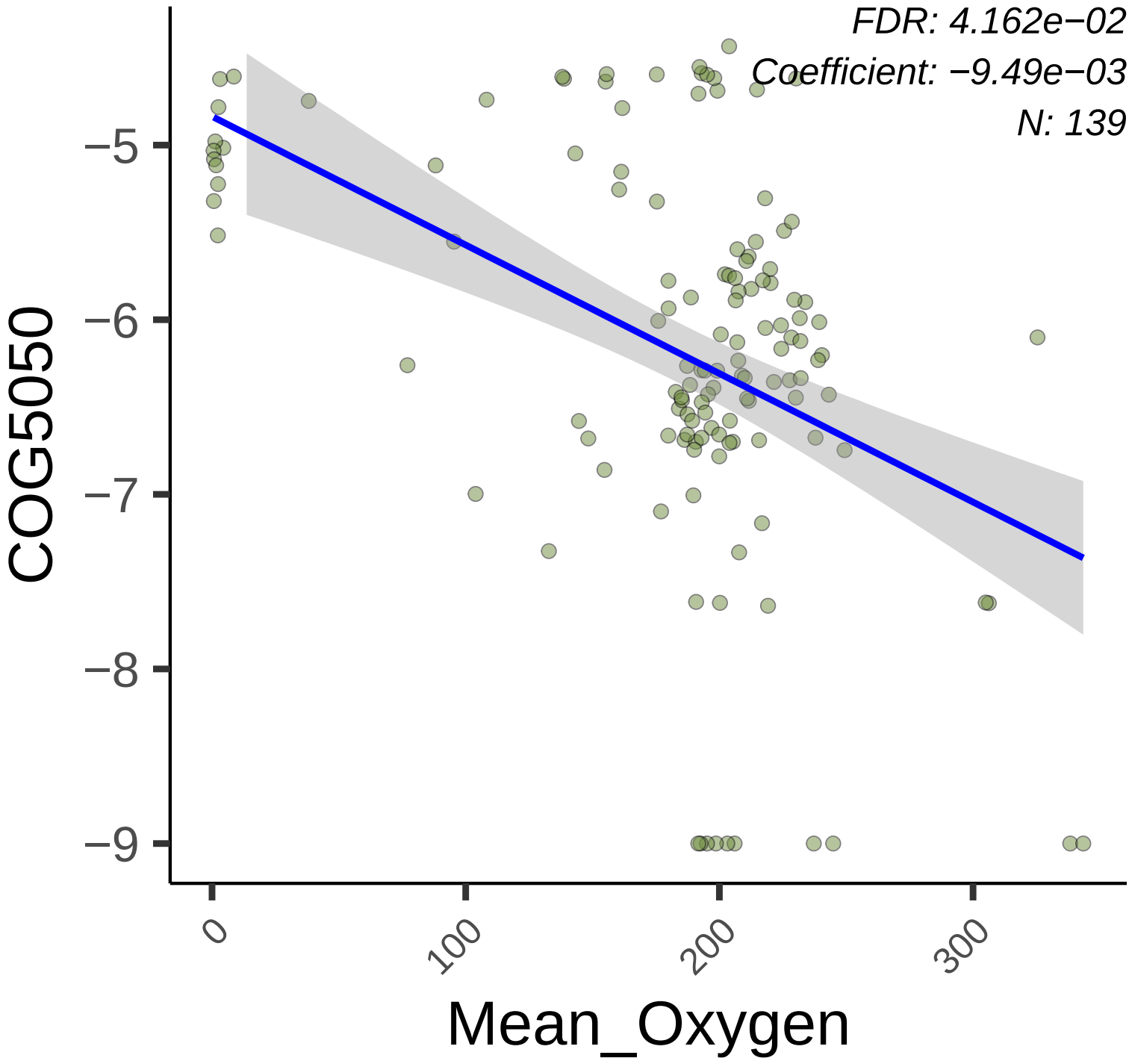
Mean_Oxygen


FDR: 4.162e−02
Coefficient: −9.49e−03
N: 139
COG5050
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200
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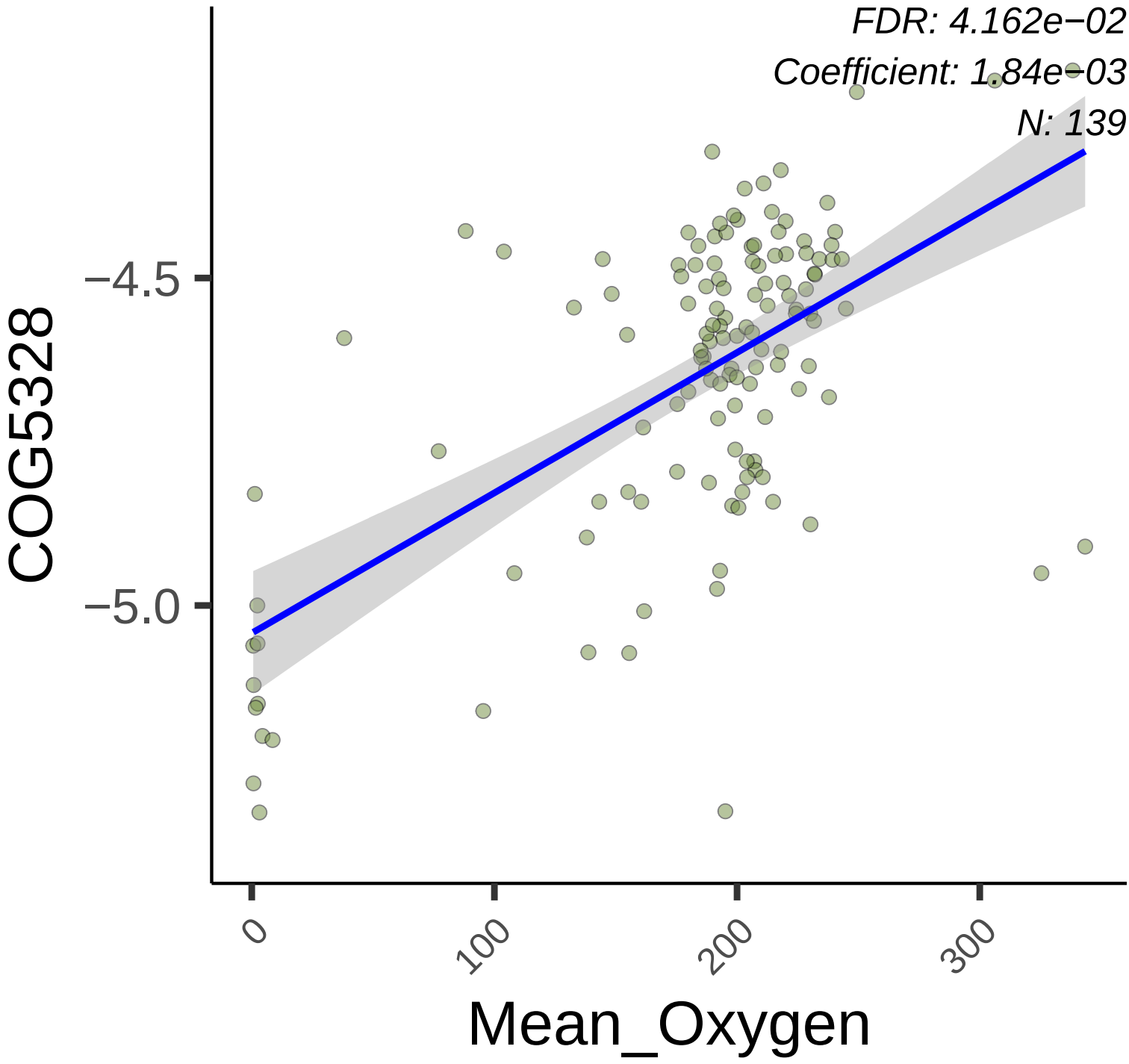
Mean_Oxygen


FDR: 4.162e−02
Coefficient: 1.84e−03
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COG5328
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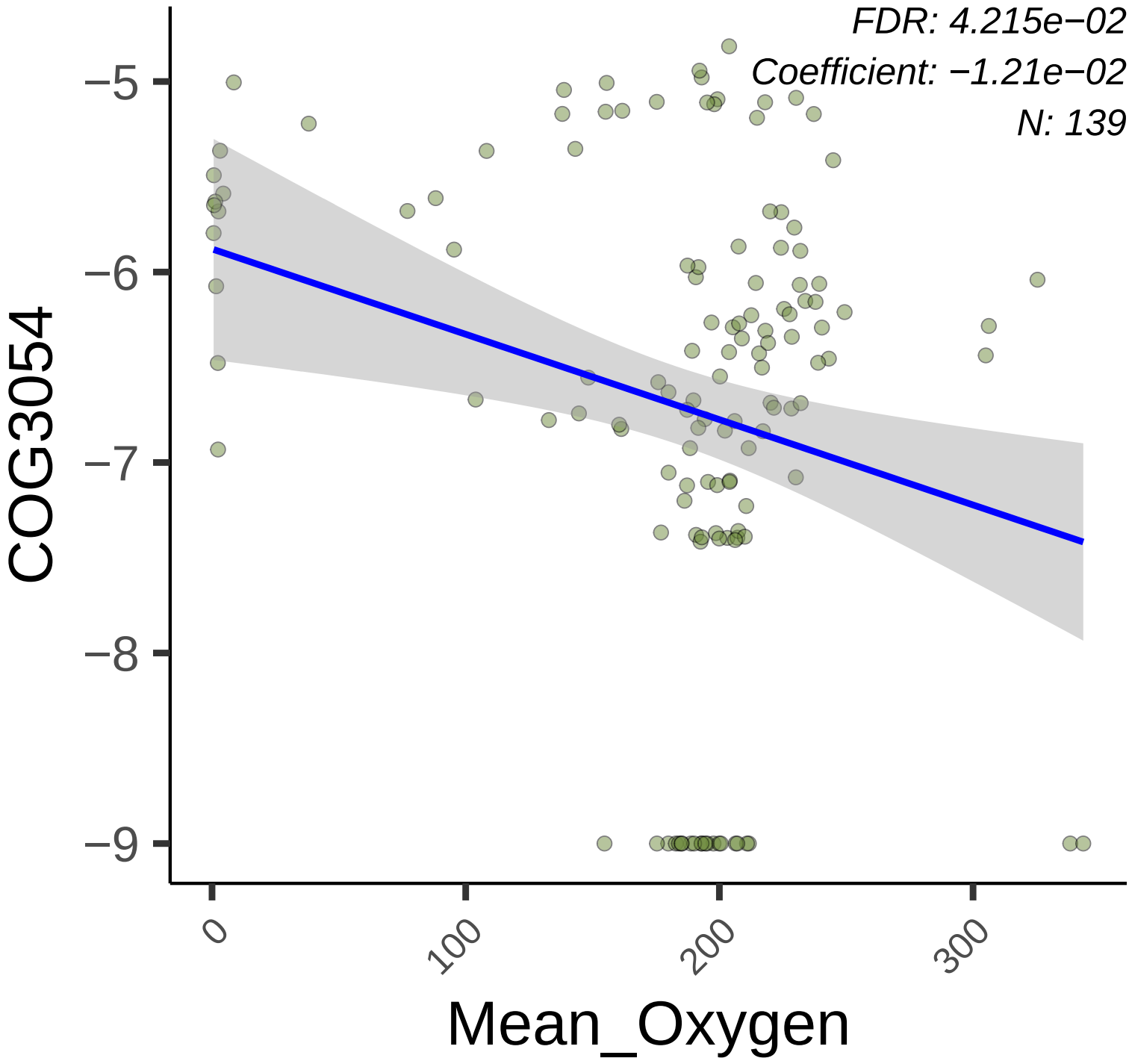
Mean_Oxygen


FDR: 4.215e−02
Coefficient: −1.21e−02
N: 139
COG3054
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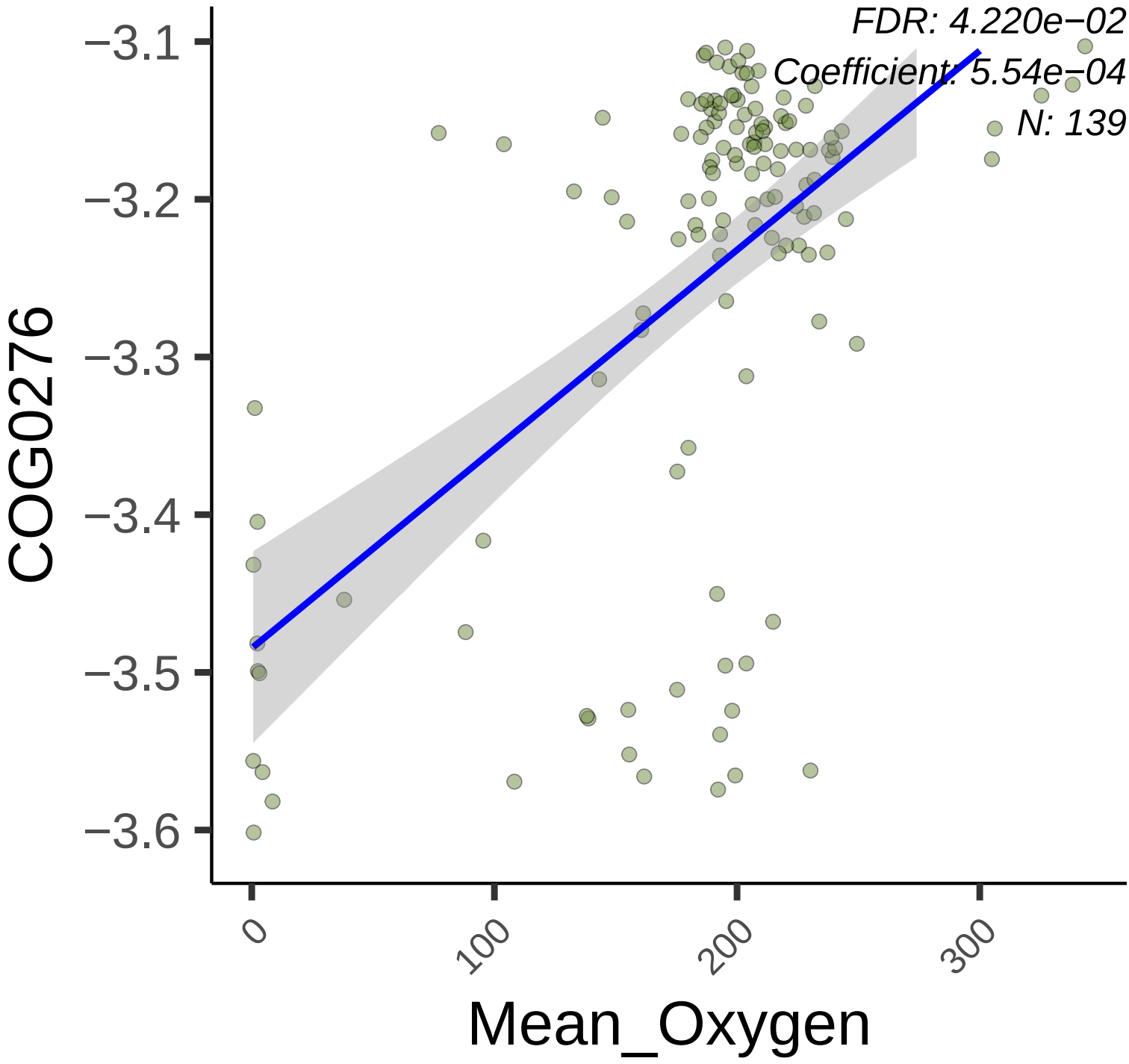
−6
−7
−8
−9
0
100
200
300
Mean_Oxygen


FDR: 4.220e−02
Coefficient: 5.54e−04
N: 139
−3.1
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−3.4
−3.5
−3.6
COG0276
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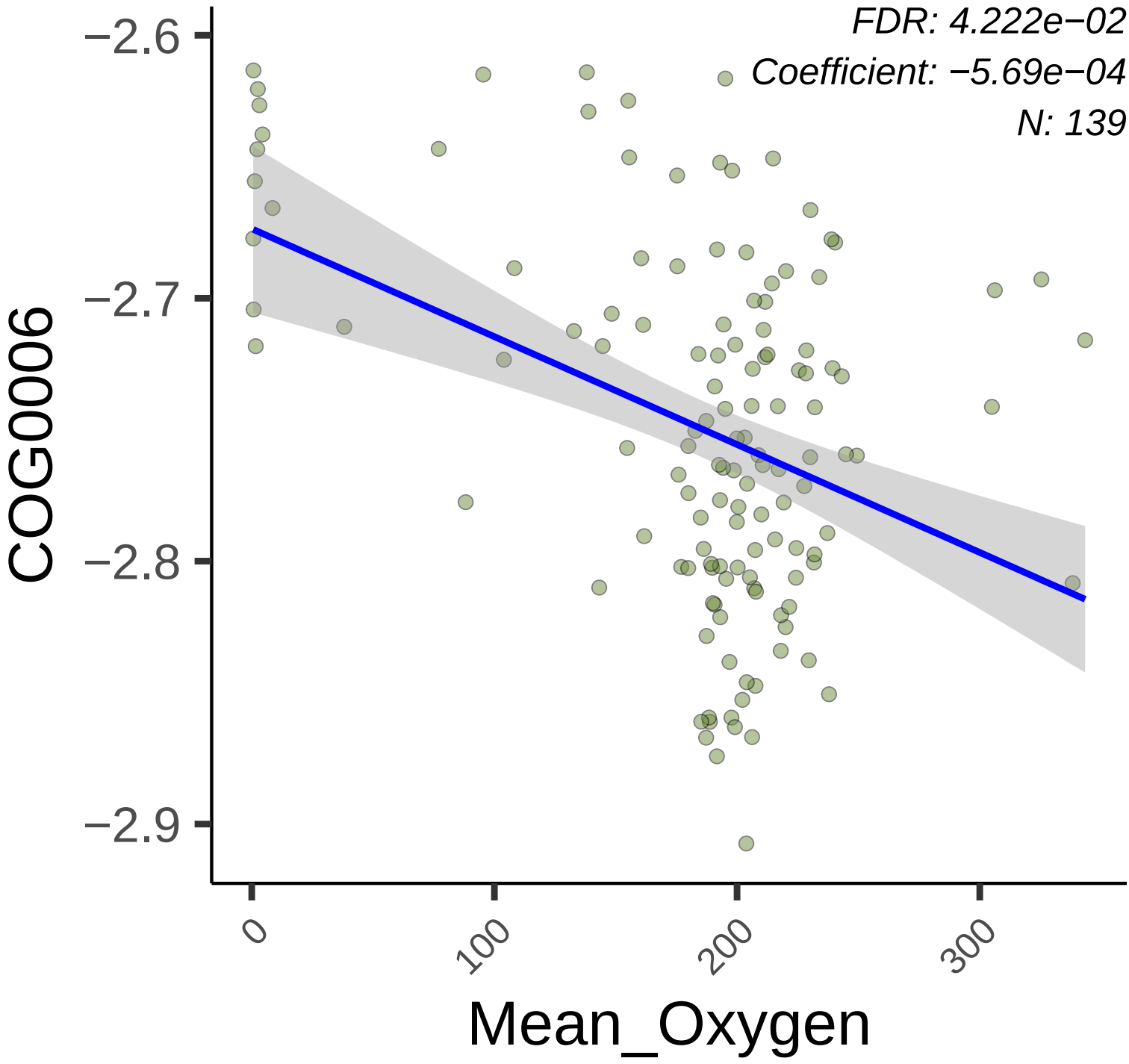
100
200
300
Mean_Oxygen


FDR: 4.222e−02
Coefficient: −5.69e−04
N: 139
−2.6
−2.7
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COG0006
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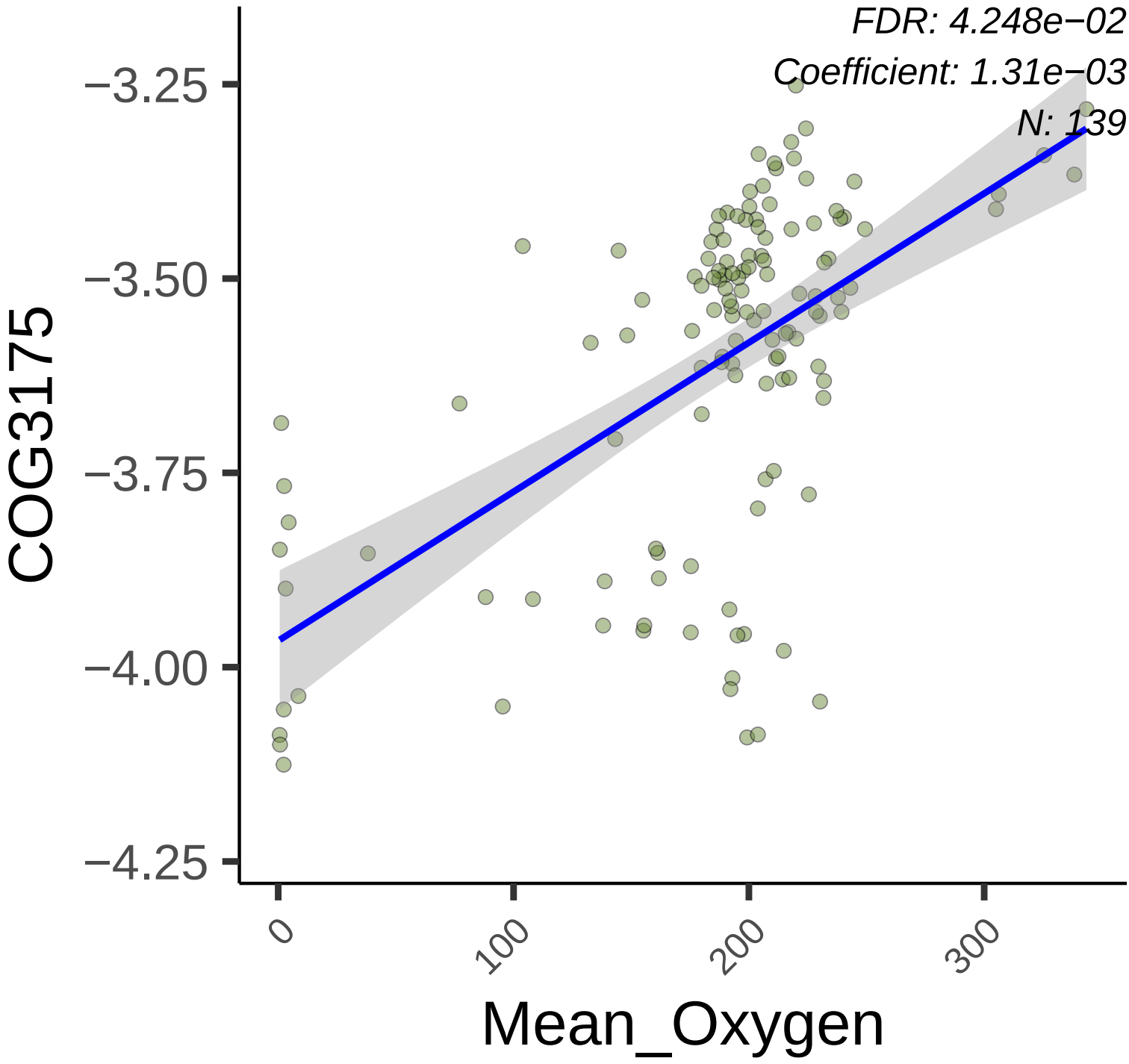
200
300
Mean_Oxygen


FDR: 4.248e−02
Coefficient: 1.31e−03
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200
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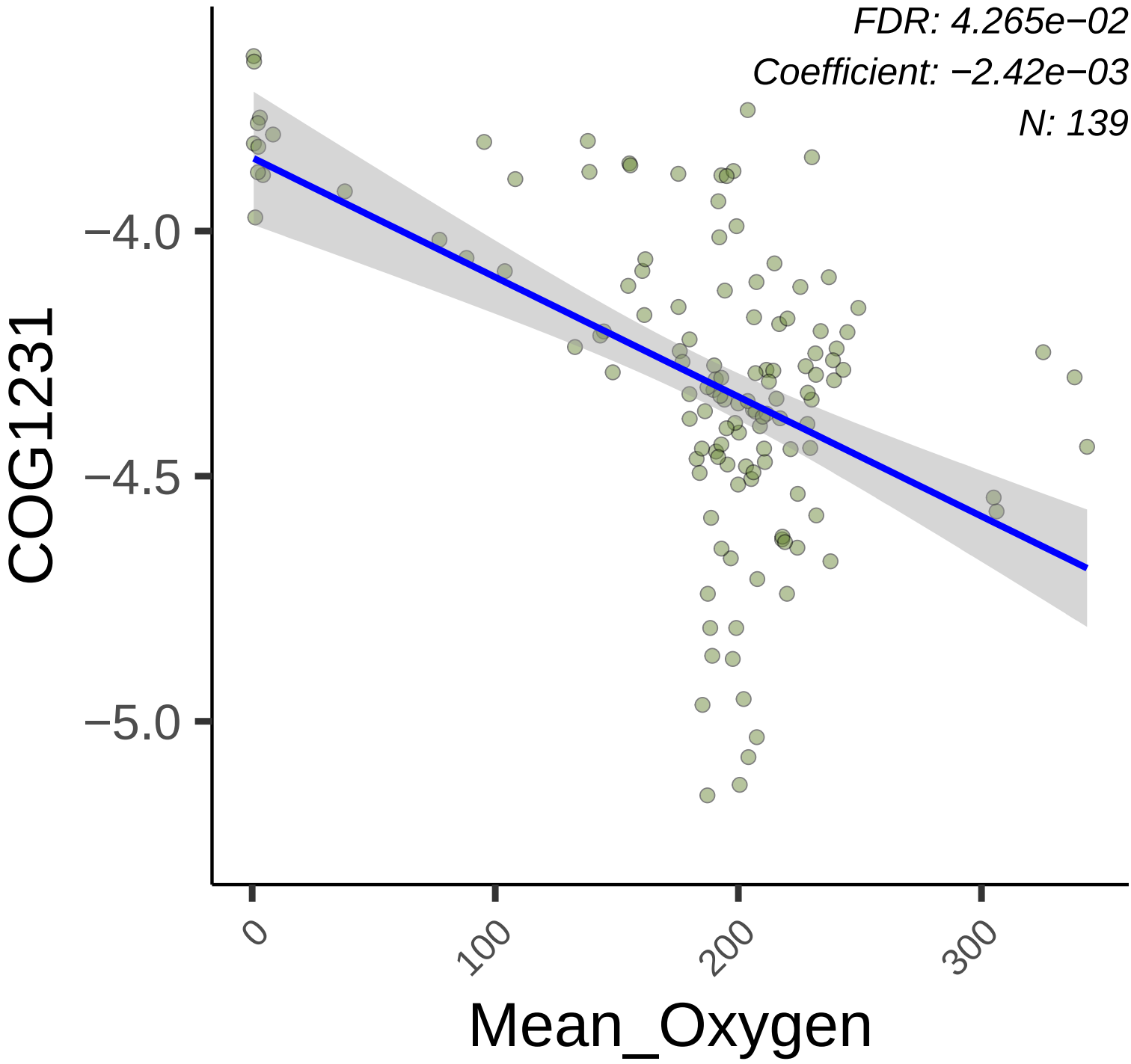
Mean_Oxygen


FDR: 4.265e−02
Coefficient: −2.42e−03
N: 139
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COG1231
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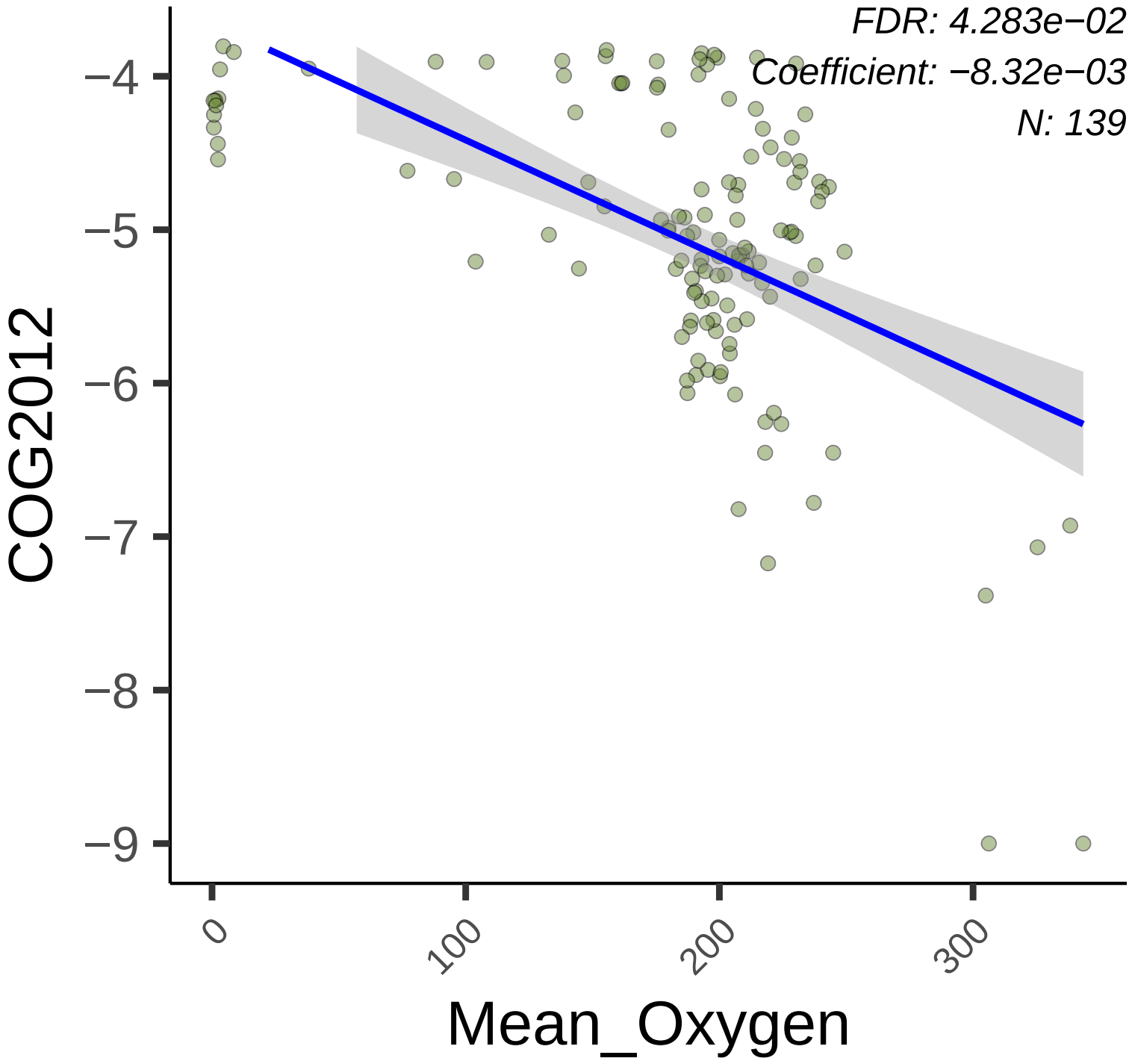
200
300
Mean_Oxygen


FDR: 4.283e−02
Coefficient: −8.32e−03
N: 139
COG2012
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−5
−6
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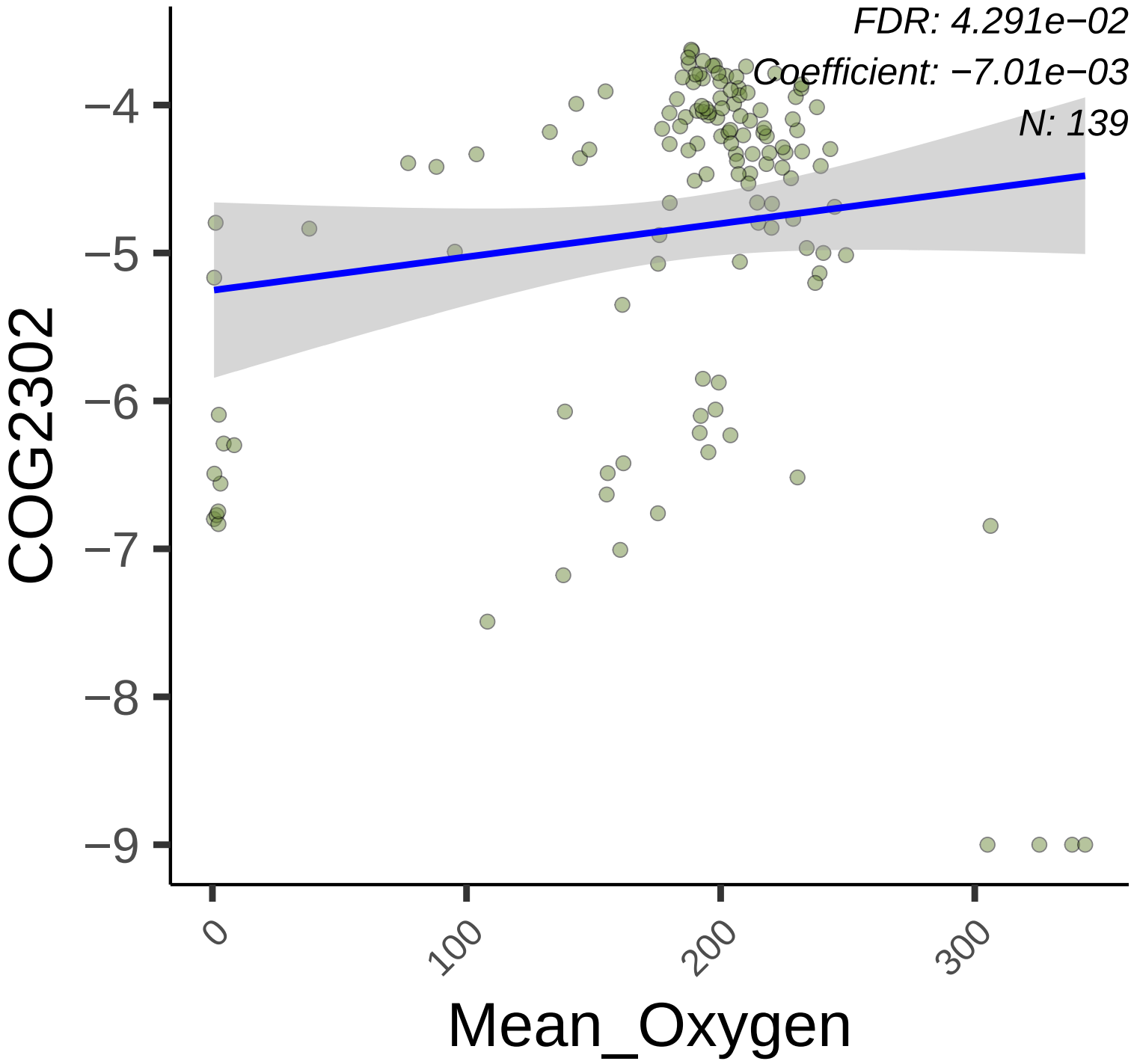
−8
−9
0
100
200
300
Mean_Oxygen


FDR: 4.291e−02
Coefficient: −7.01e−03
N: 139
−4
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−8
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COG2302
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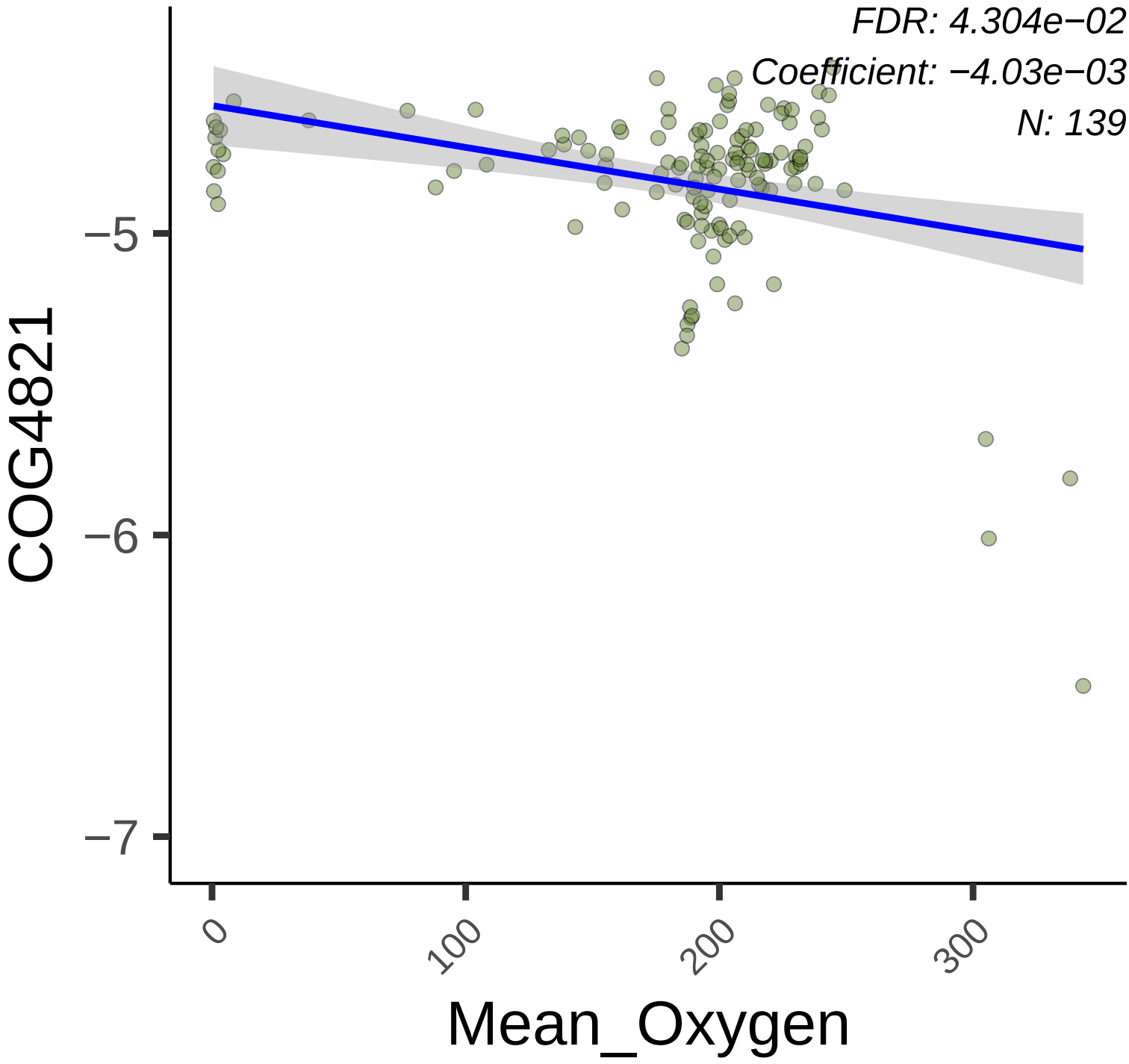
200
300
Mean_Oxygen


FDR: 4.304e−02
Coefficient: −4.03e−03
N: 139
COG4821
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−6
−7
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200
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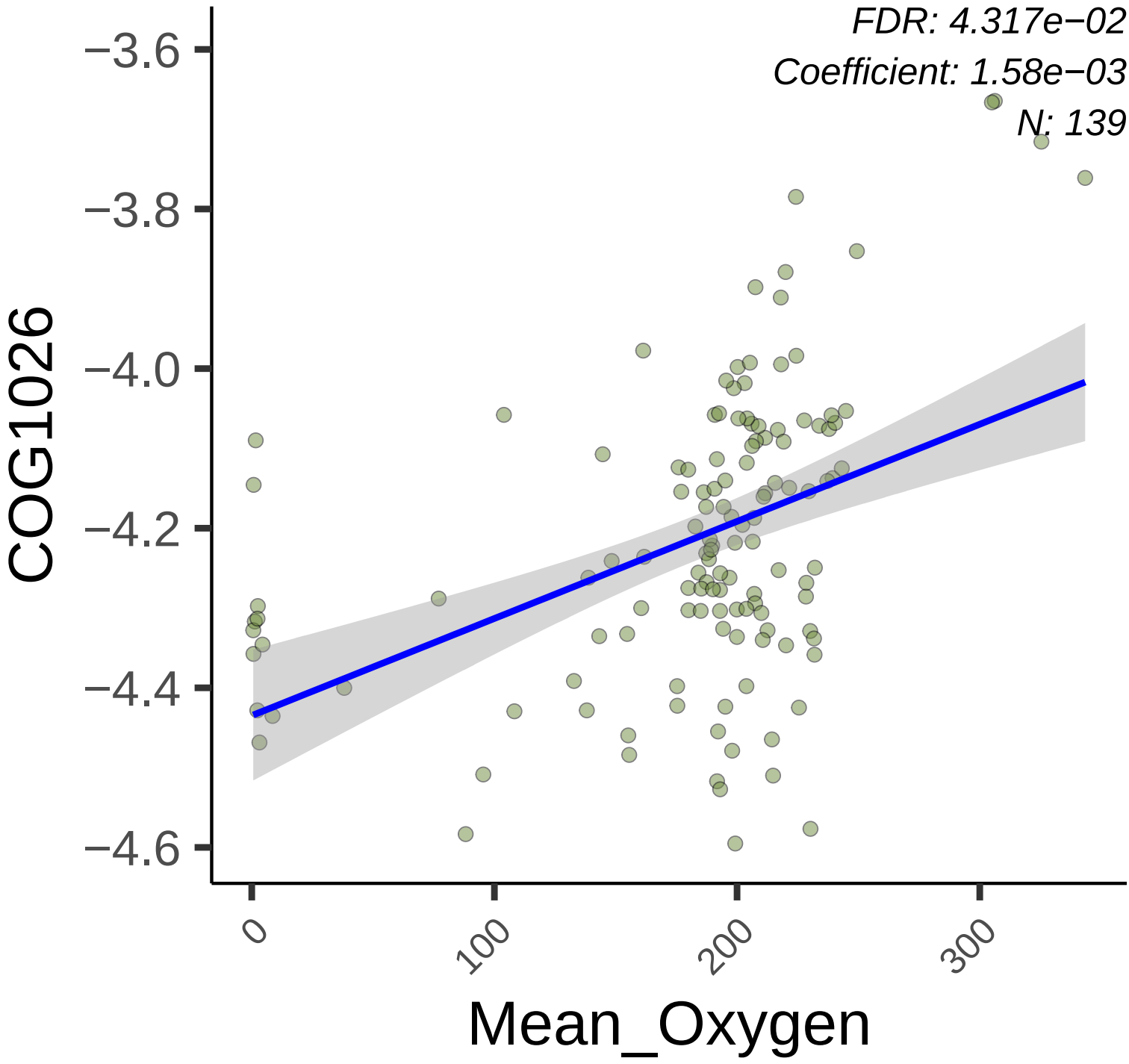
Mean_Oxygen


FDR: 4.317e−02
Coefficient: 1.58e−03
N: 139
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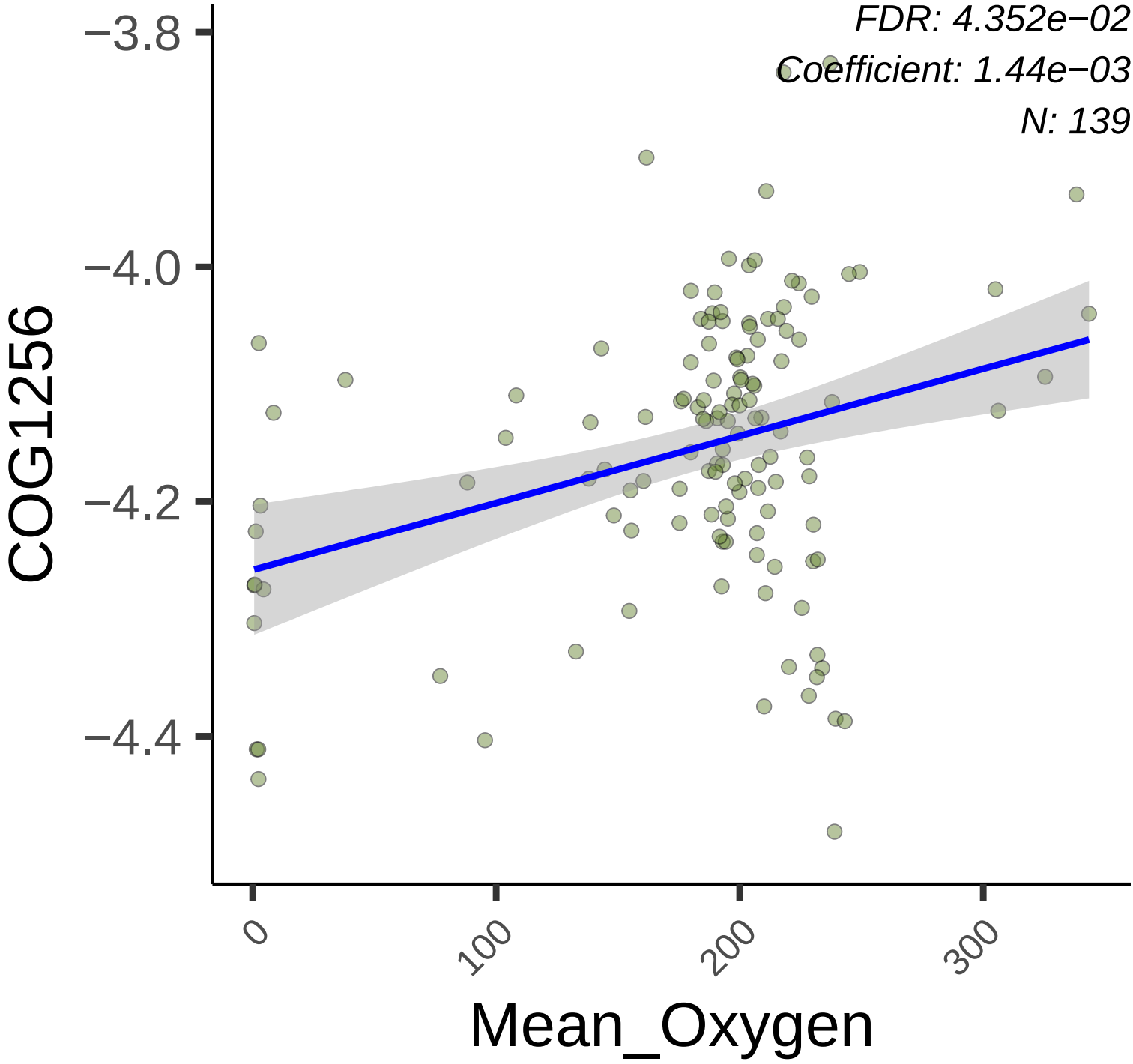
200
300
Mean_Oxygen


FDR: 4.352e−02
Coefficient: 1.44e−03
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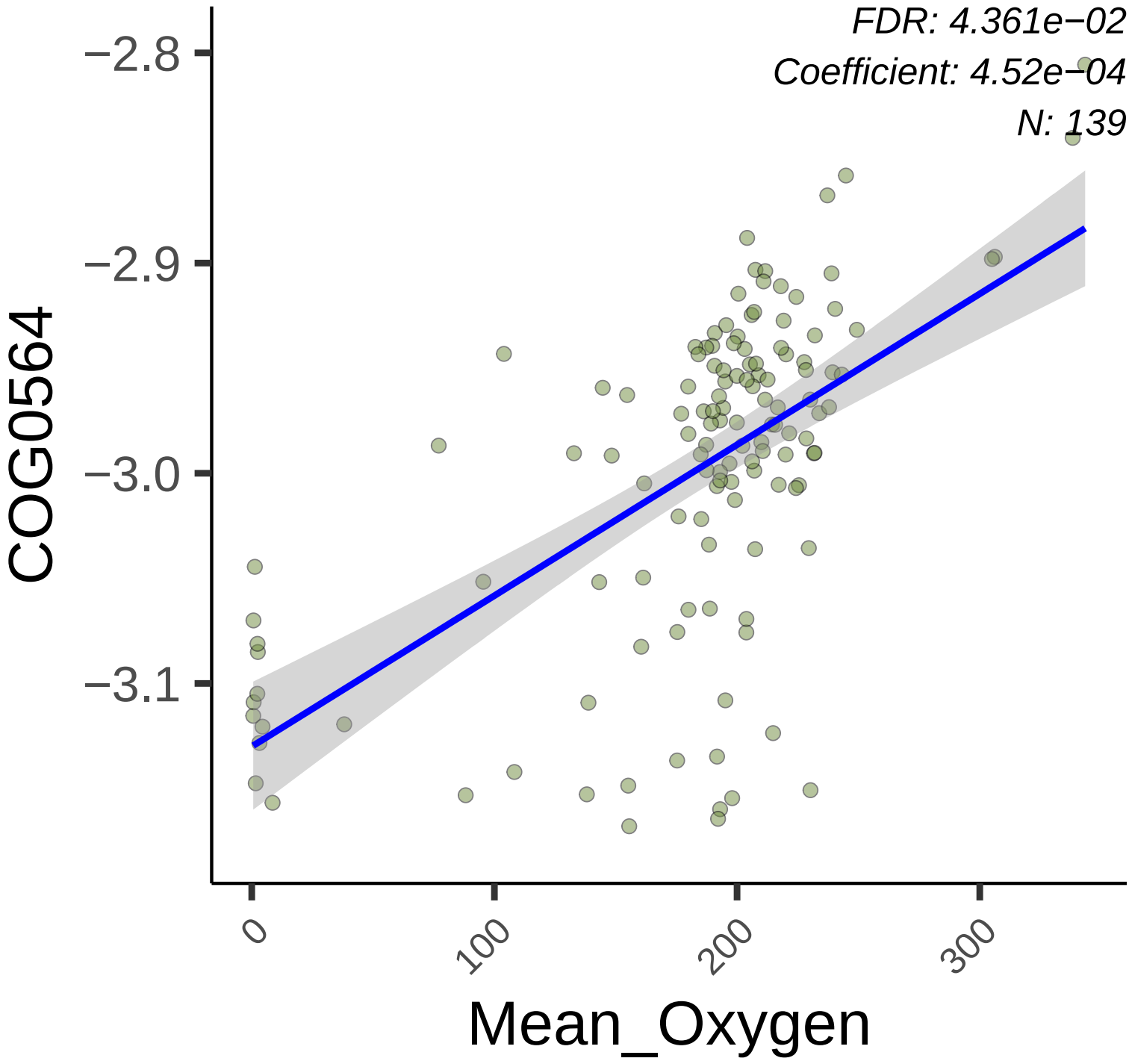
200
300
Mean_Oxygen


FDR: 4.361e−02
Coefficient: 4.52e−04
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COG0564
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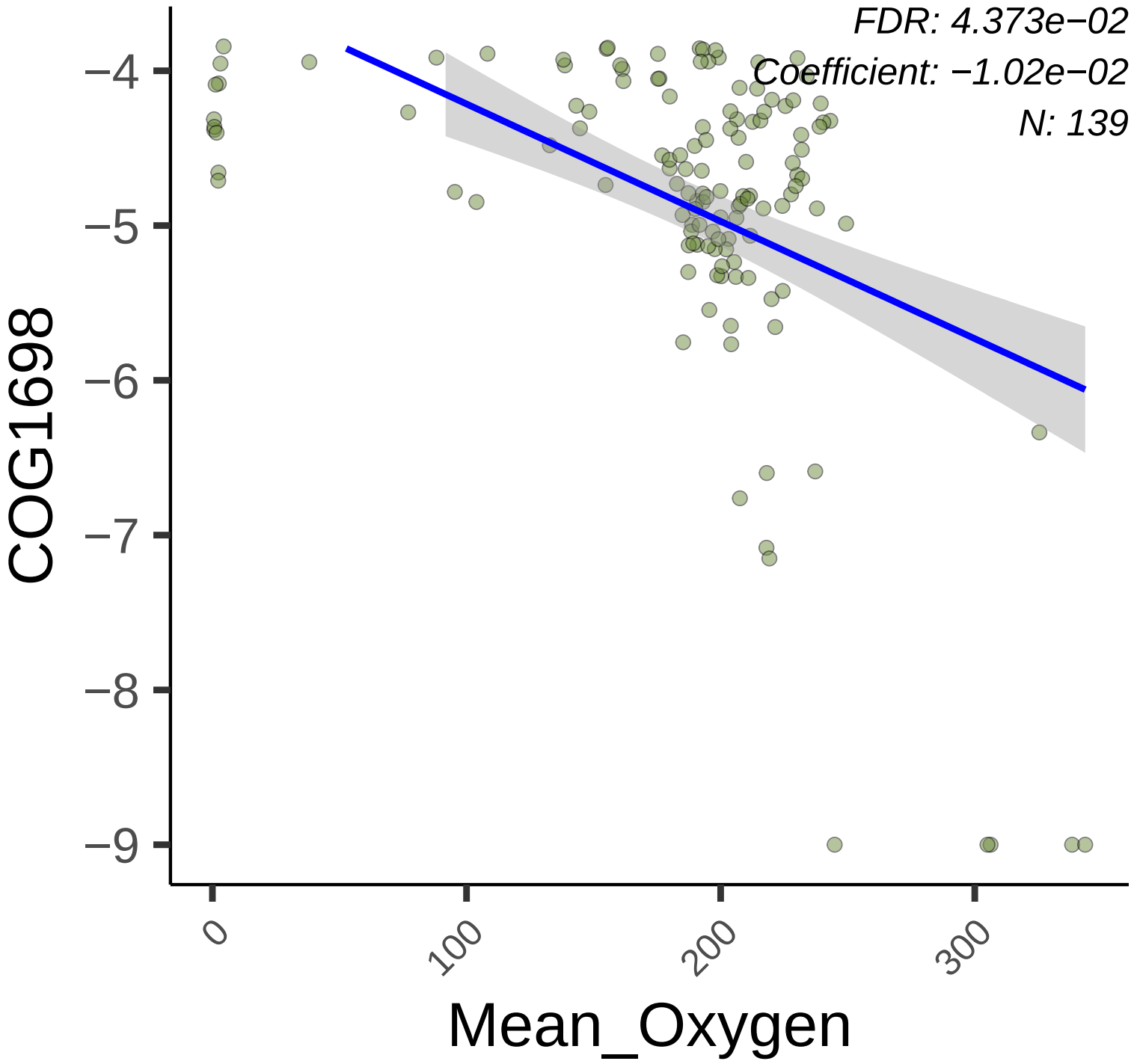
200
300
Mean_Oxygen


FDR: 4.373e−02
Coefficient: −1.02e−02
N: 139
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−6
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−8
−9
COG1698
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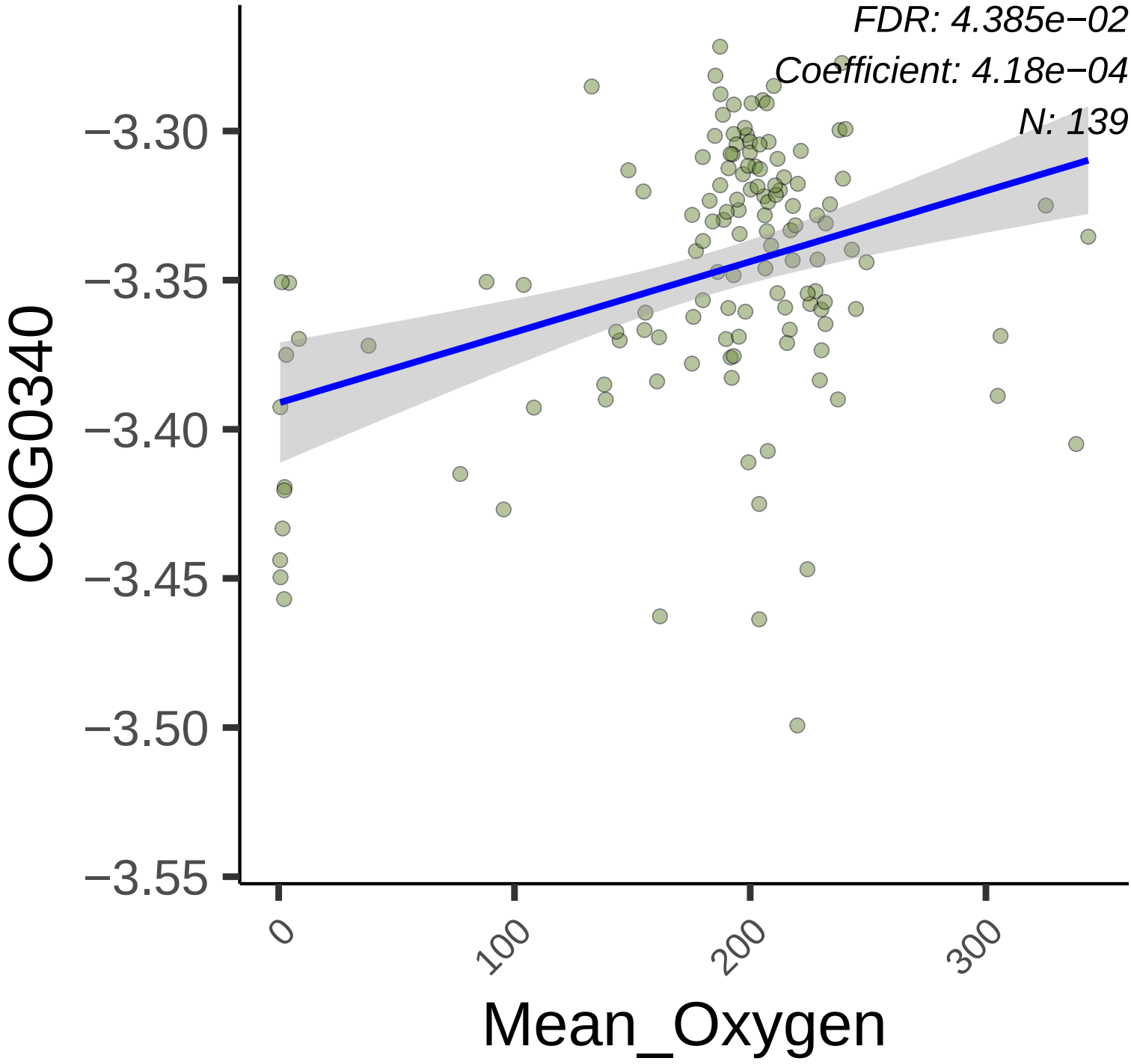
100
200
300
Mean_Oxygen


FDR: 4.385e−02
Coefficient: 4.18e−04
N: 139
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COG0340
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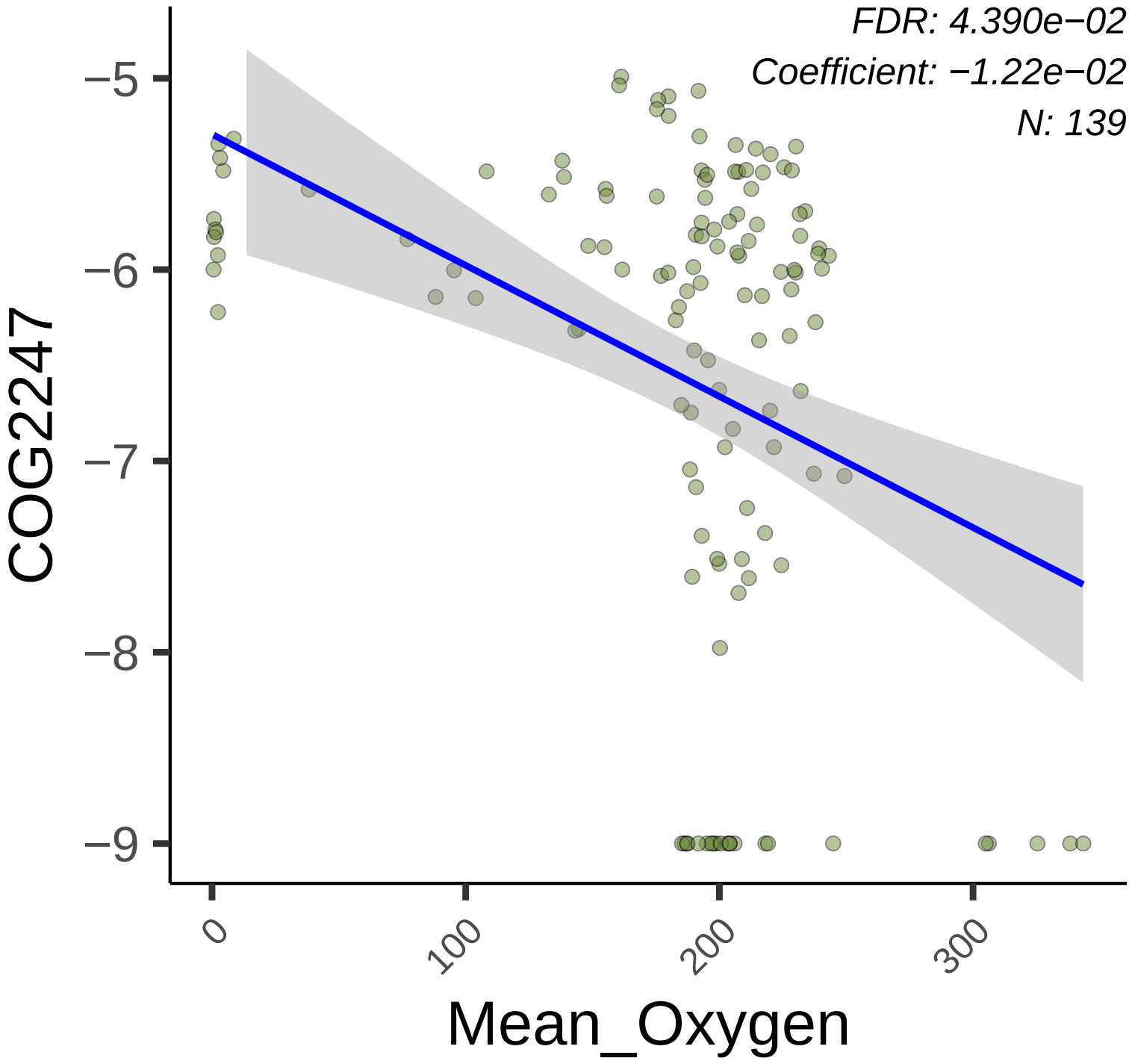
200
300
Mean_Oxygen


FDR: 4.390e−02
Coefficient: −1.22e−02
N: 139
COG2247
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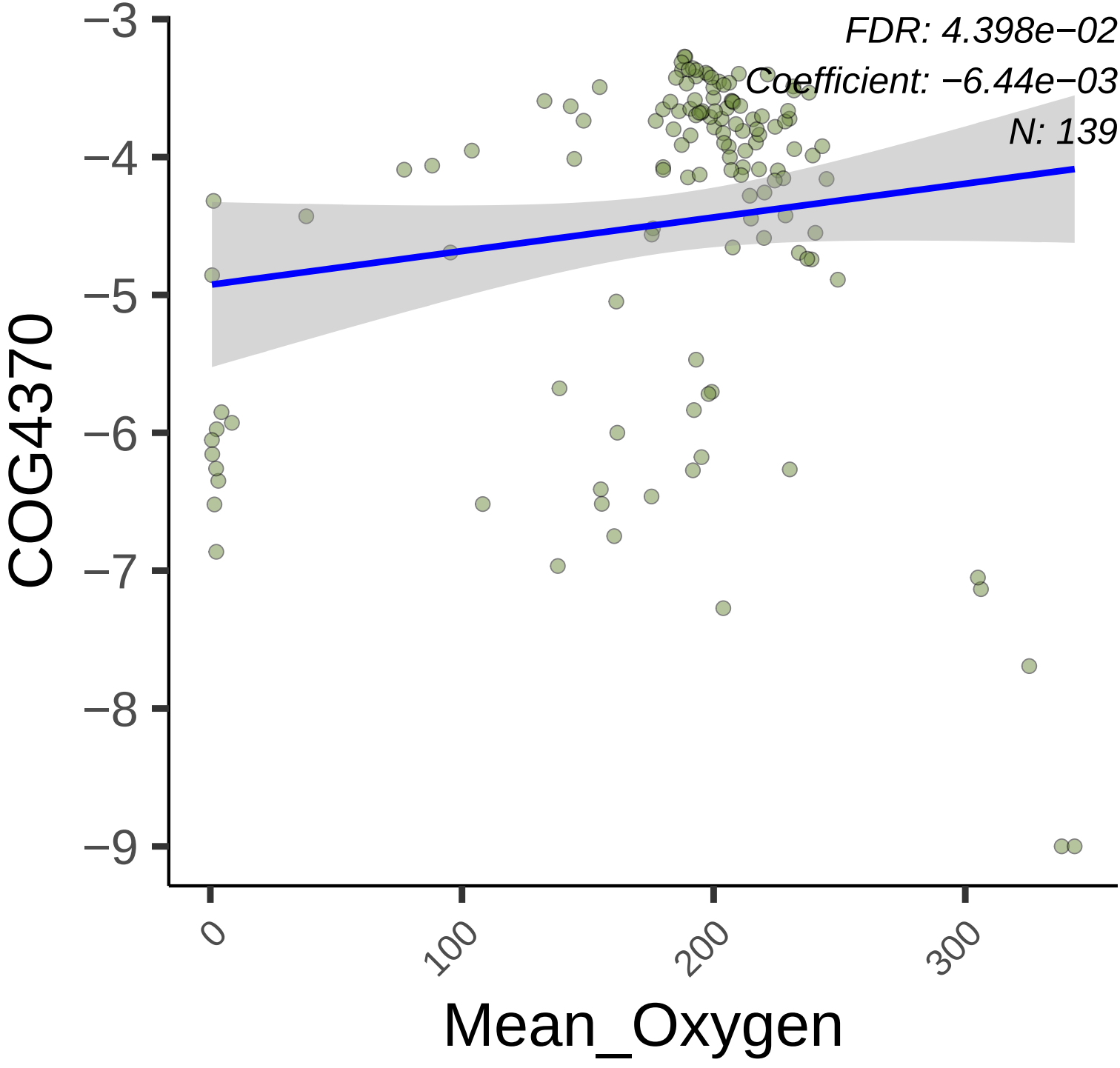
300
Mean_Oxygen


FDR: 4.398e−02
Coefficient: −6.44e−03
N: 139
COG4370
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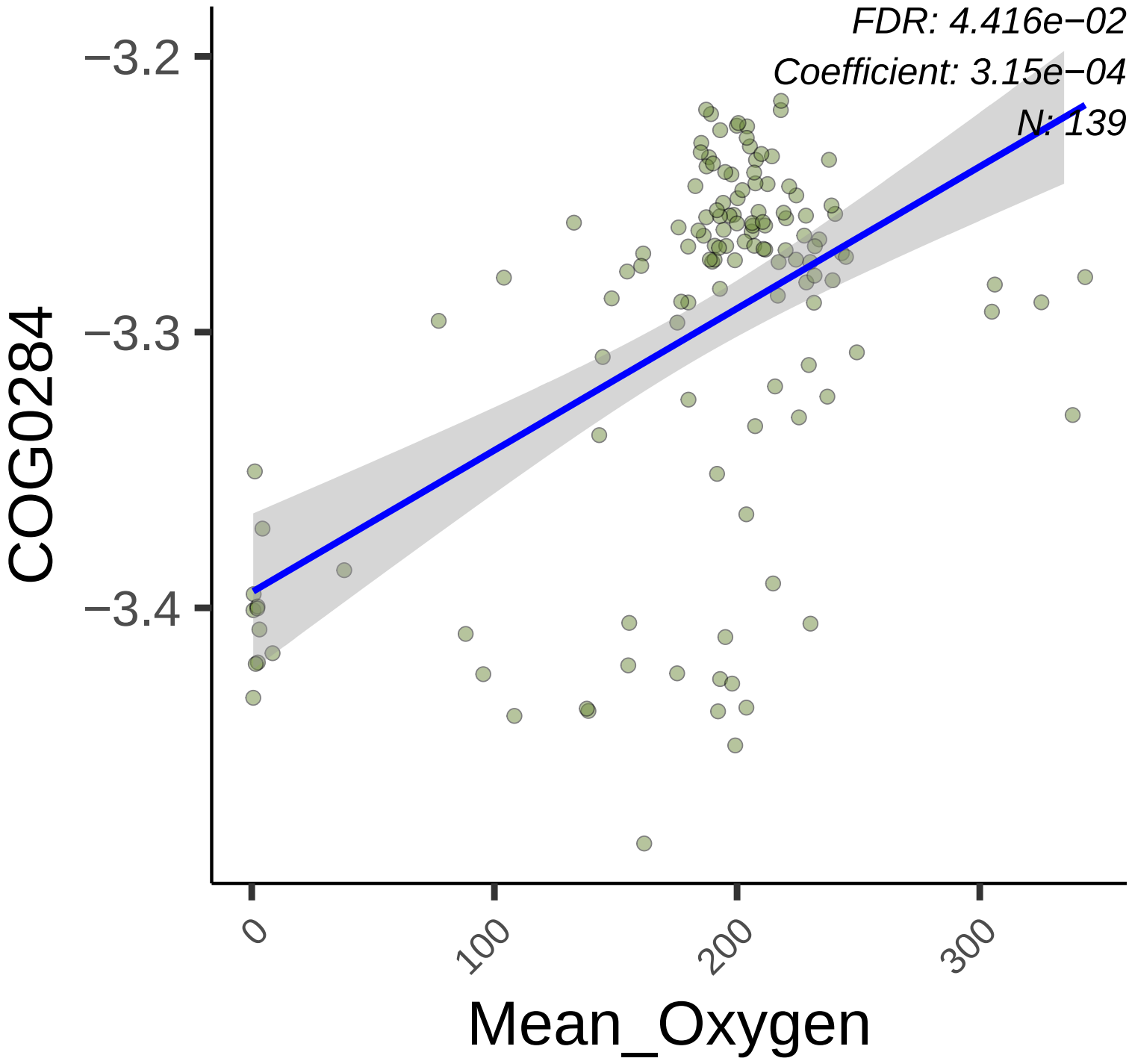
200
300
Mean_Oxygen


FDR: 4.416e−02
Coefficient: 3.15e−04
N: 139
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COG0284
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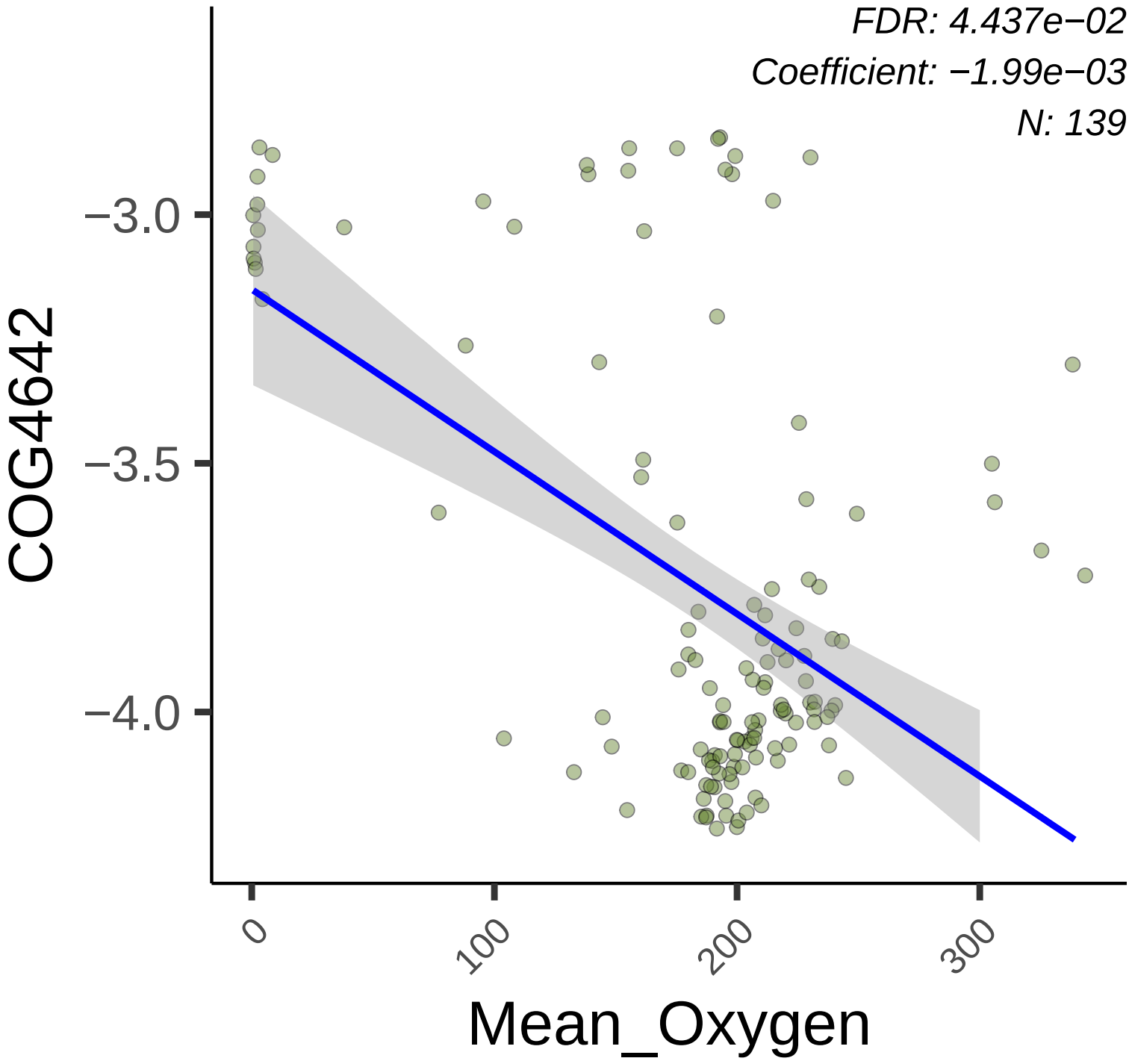
Mean_Oxygen


FDR: 4.437e−02
Coefficient: −1.99e−03
N: 139
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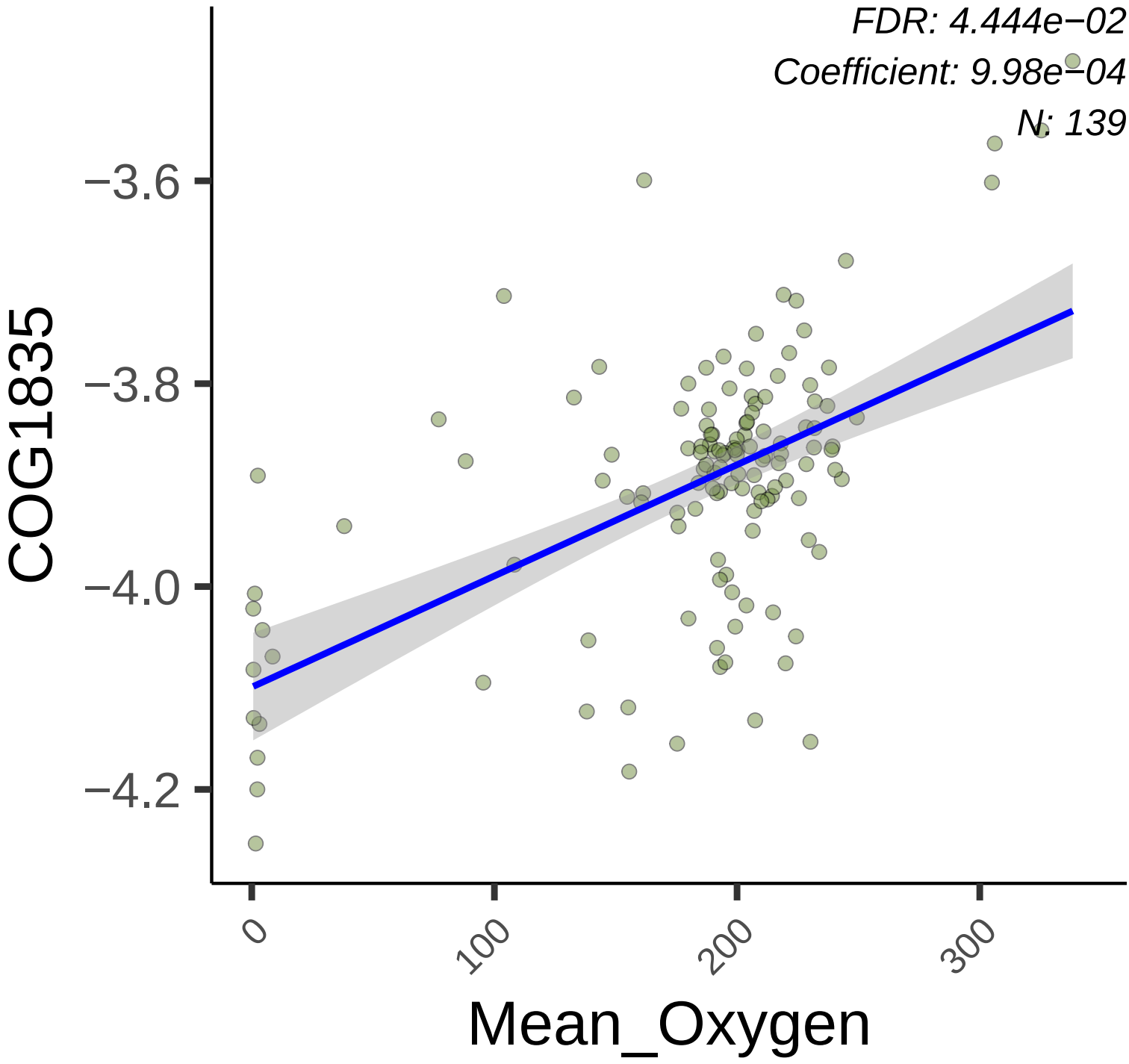
Mean_Oxygen


FDR: 4.444e−02
Coefficient: 9.98e−04
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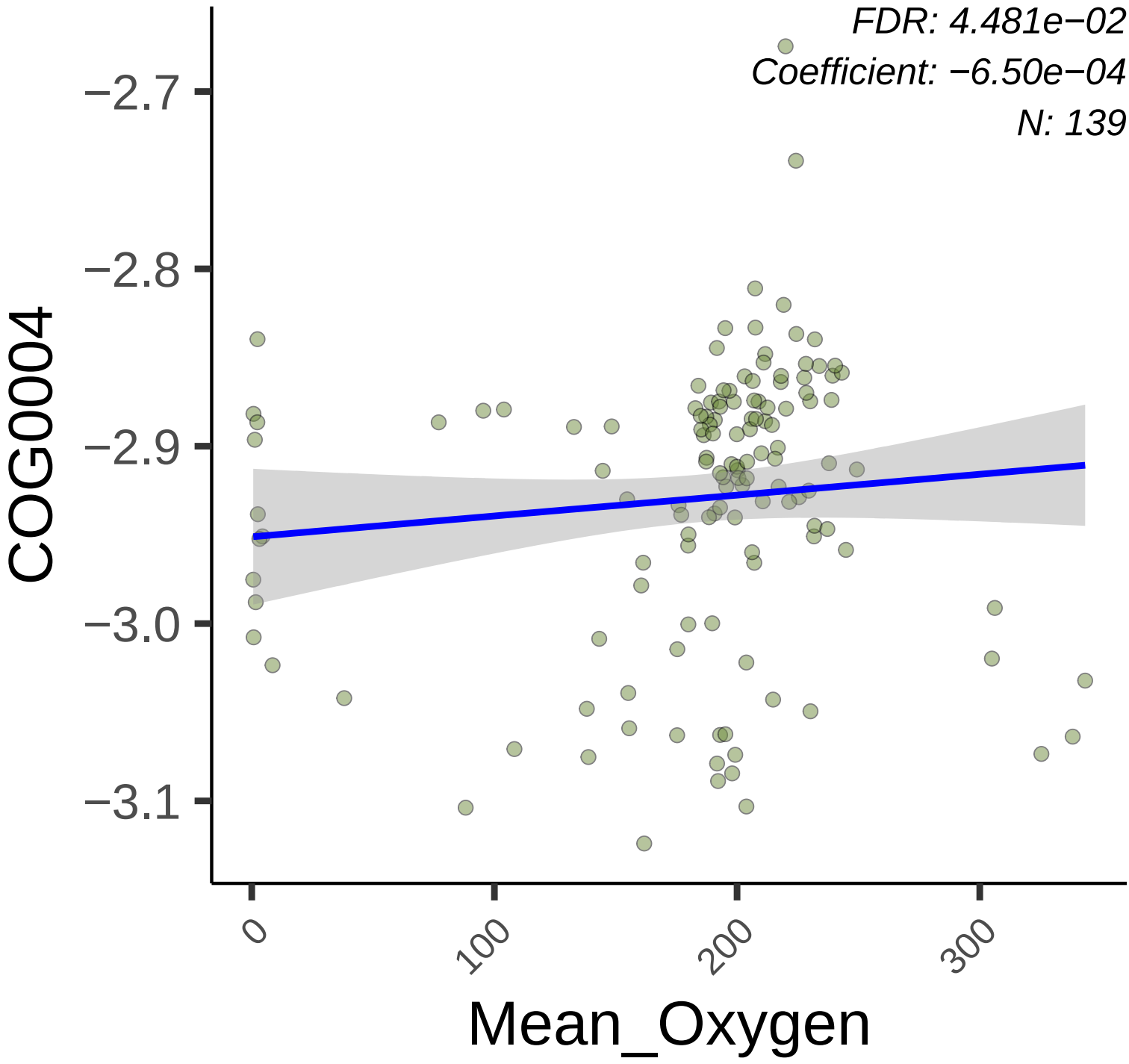
Mean_Oxygen


FDR: 4.481e−02
Coefficient: −6.50e−04
N: 139
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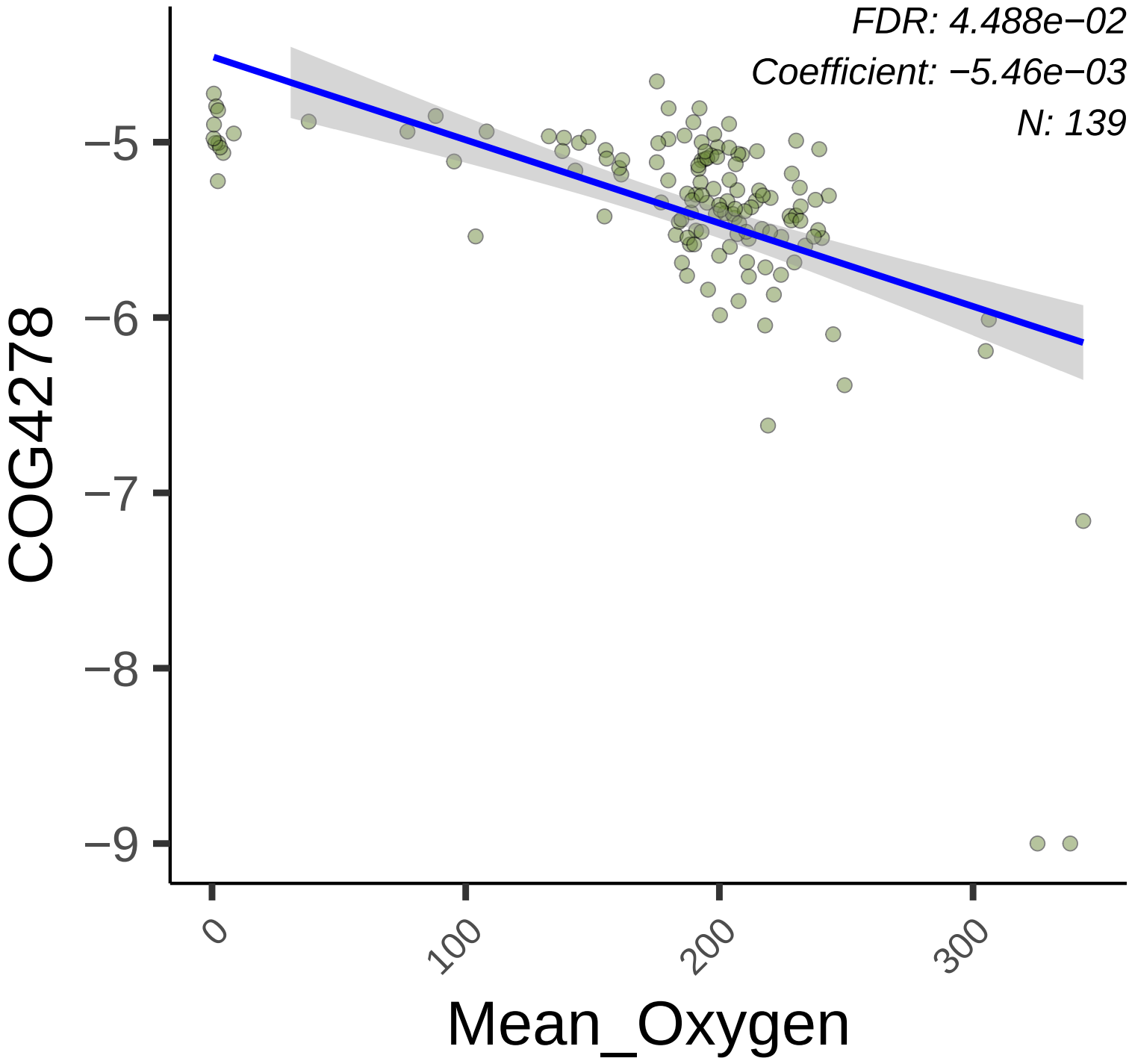
Mean_Oxygen


FDR: 4.488e−02
Coefficient: −5.46e−03
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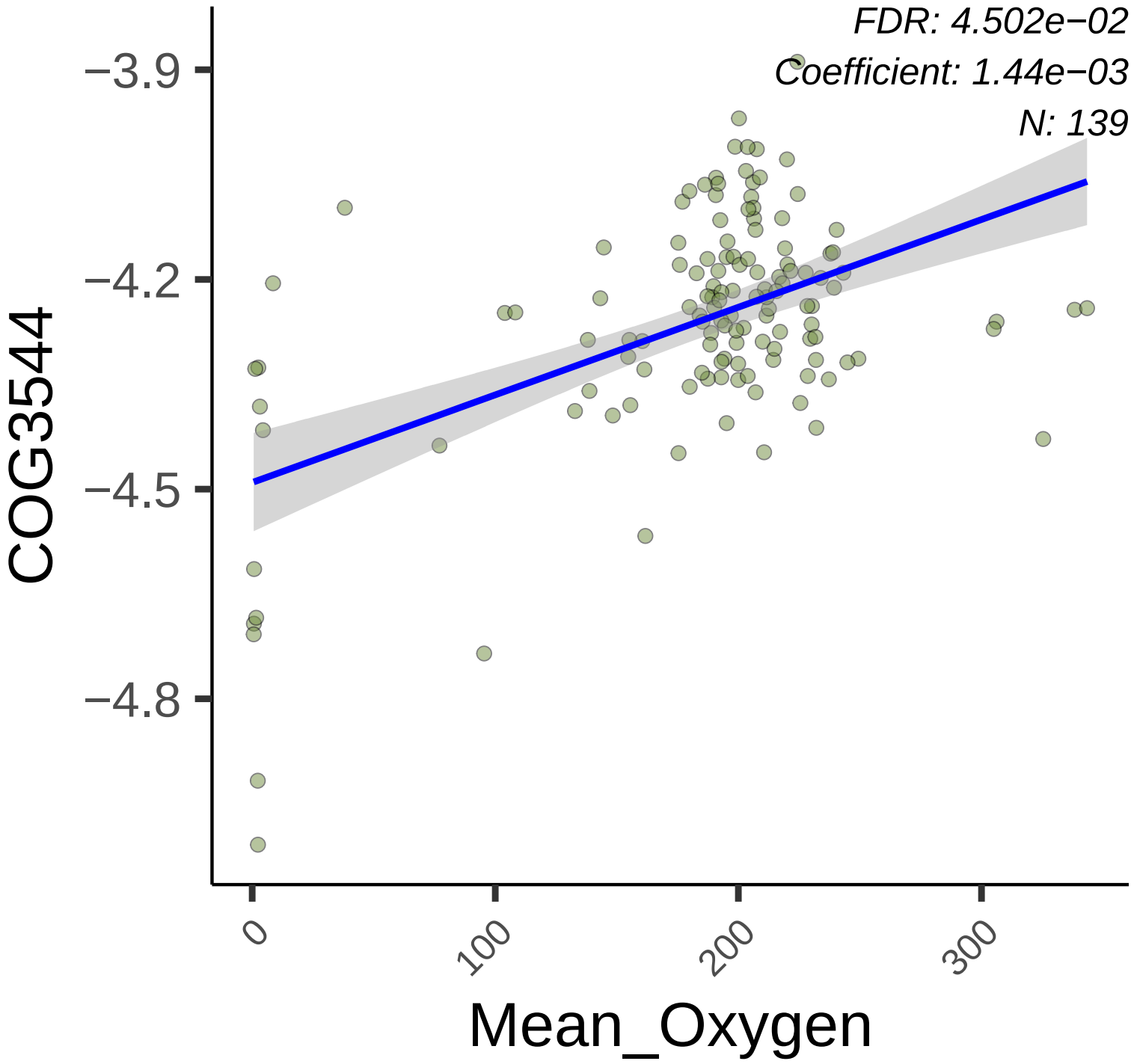
Mean_Oxygen


FDR: 4.502e−02
Coefficient: 1.44e−03
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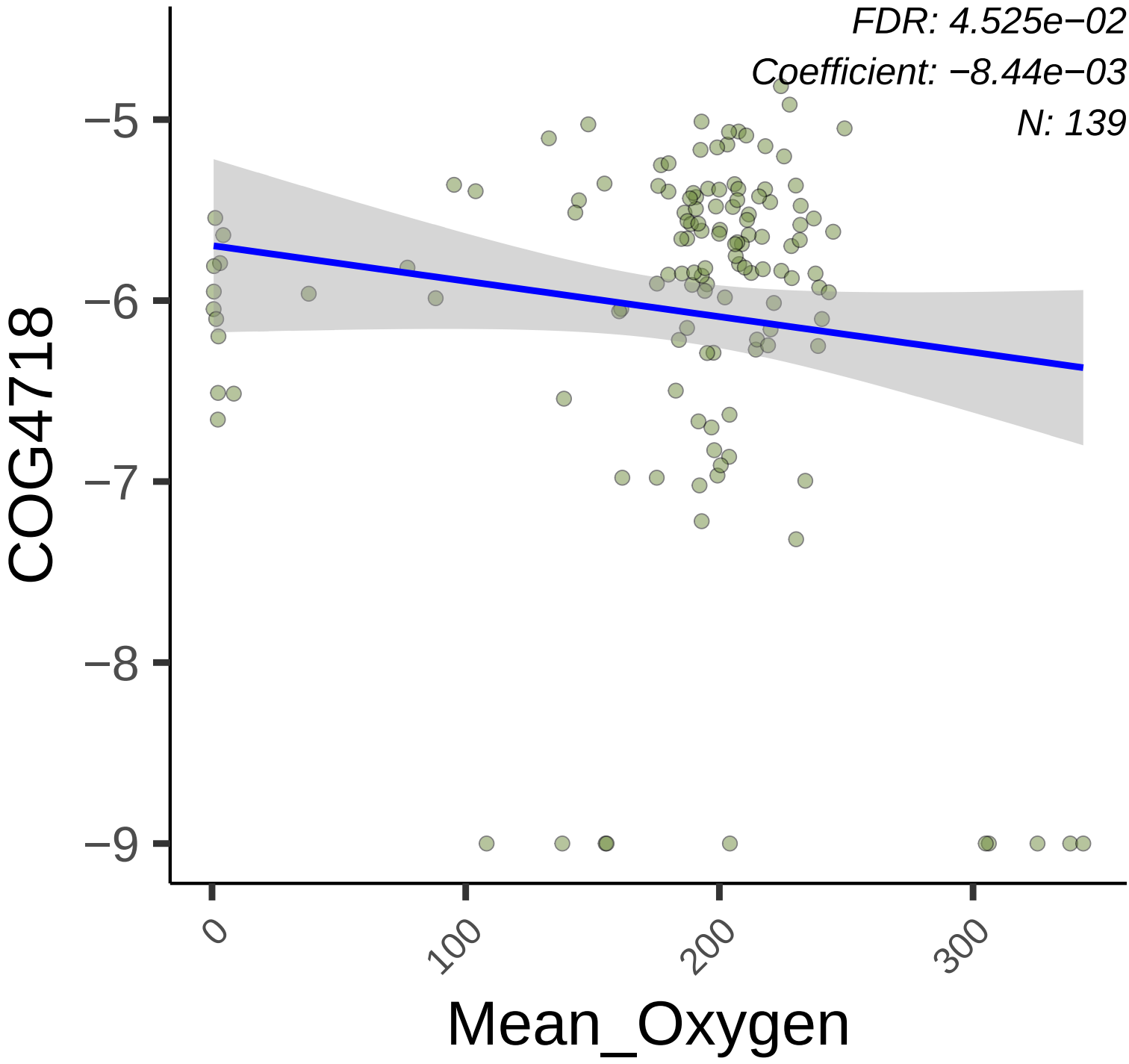
Mean_Oxygen


FDR: 4.525e−02
Coefficient: −8.44e−03
N: 139
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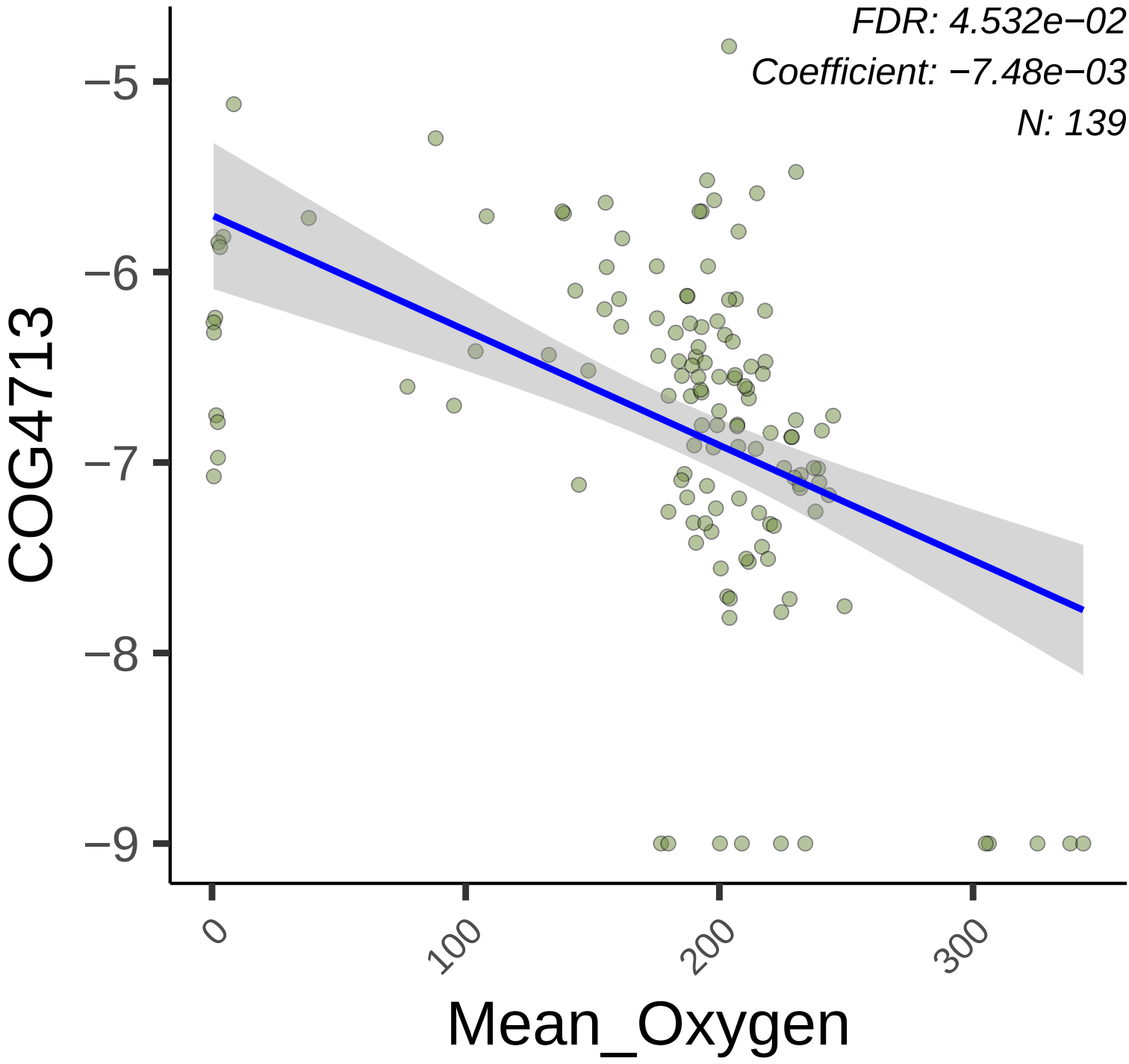
Mean_Oxygen


FDR: 4.532e−02
Coefficient: −7.48e−03
N: 139
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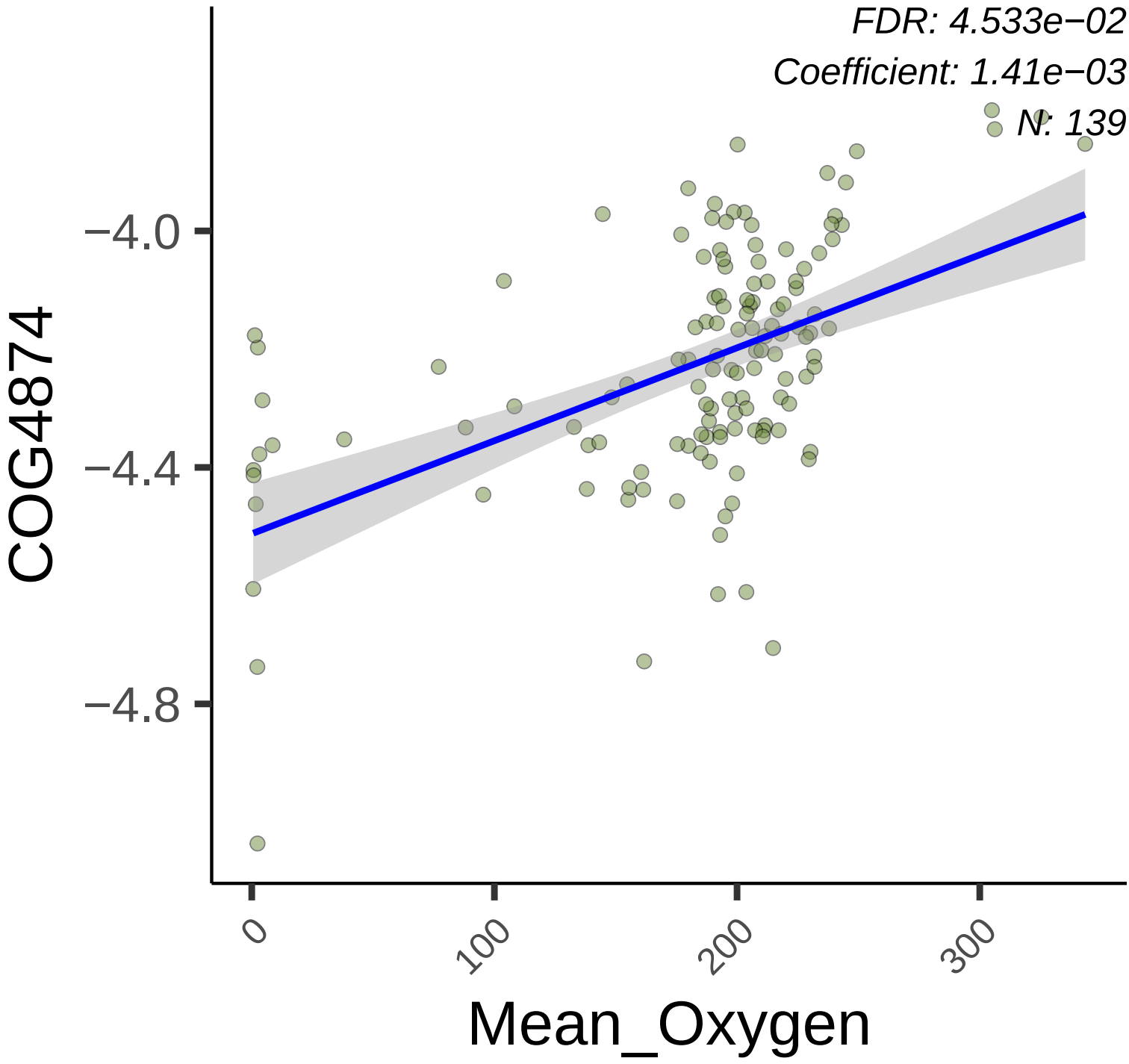
Mean_Oxygen


FDR: 4.533e−02
Coefficient: 1.41e−03
N: 139
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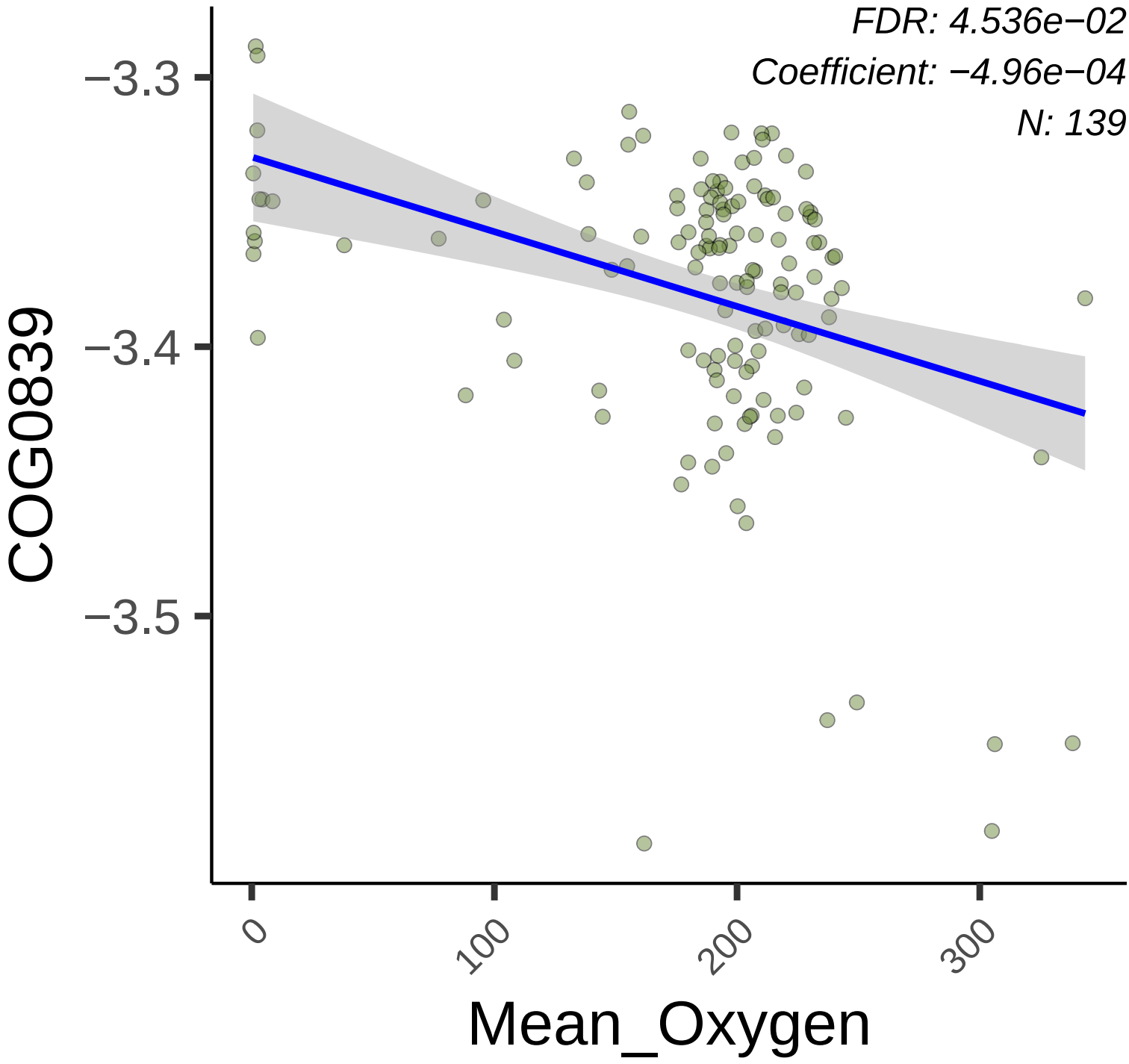
Mean_Oxygen


FDR: 4.536e−02
Coefficient: −4.96e−04
N: 139
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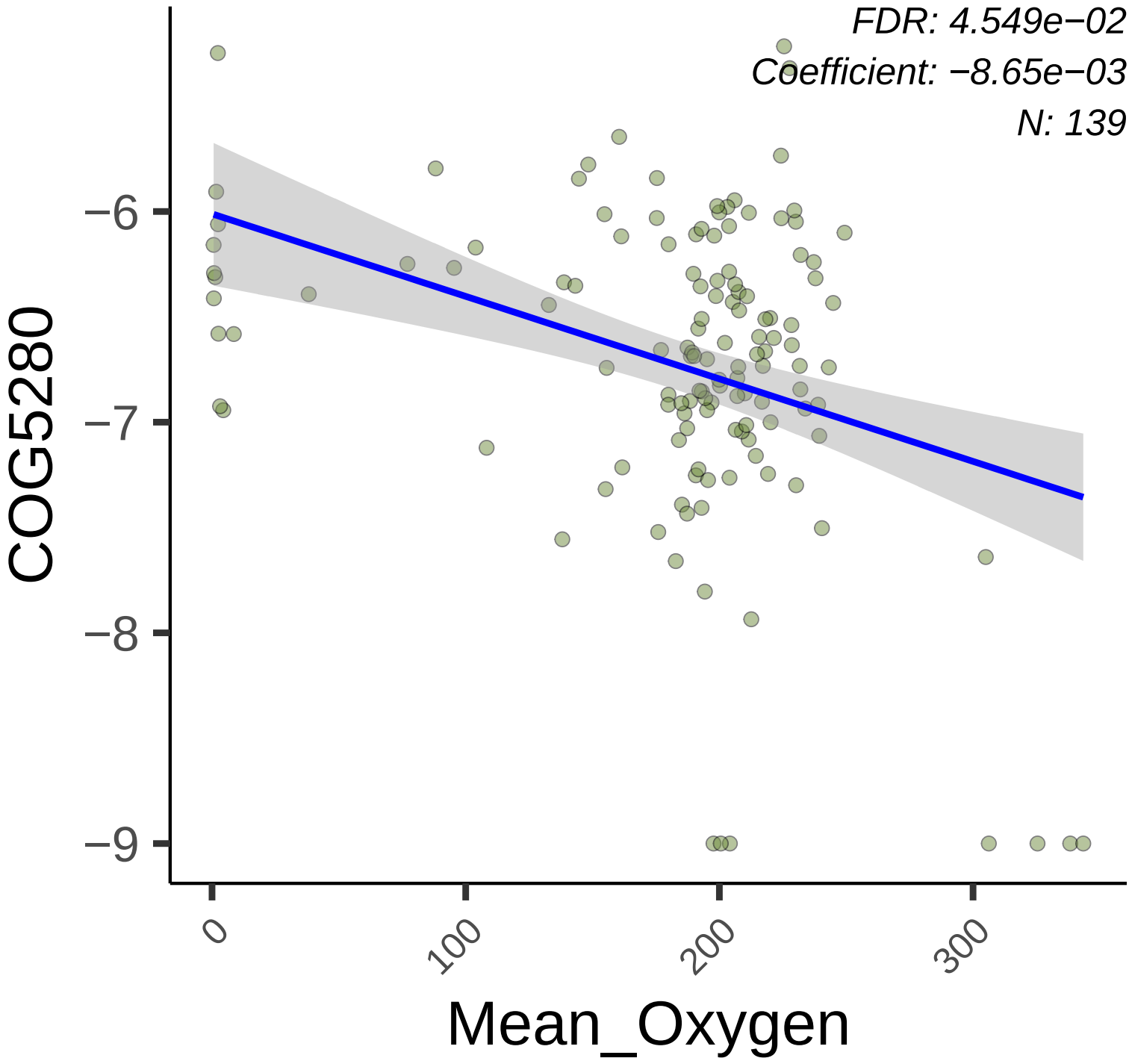
Mean_Oxygen


FDR: 4.549e−02
Coefficient: −8.65e−03
N: 139
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−9
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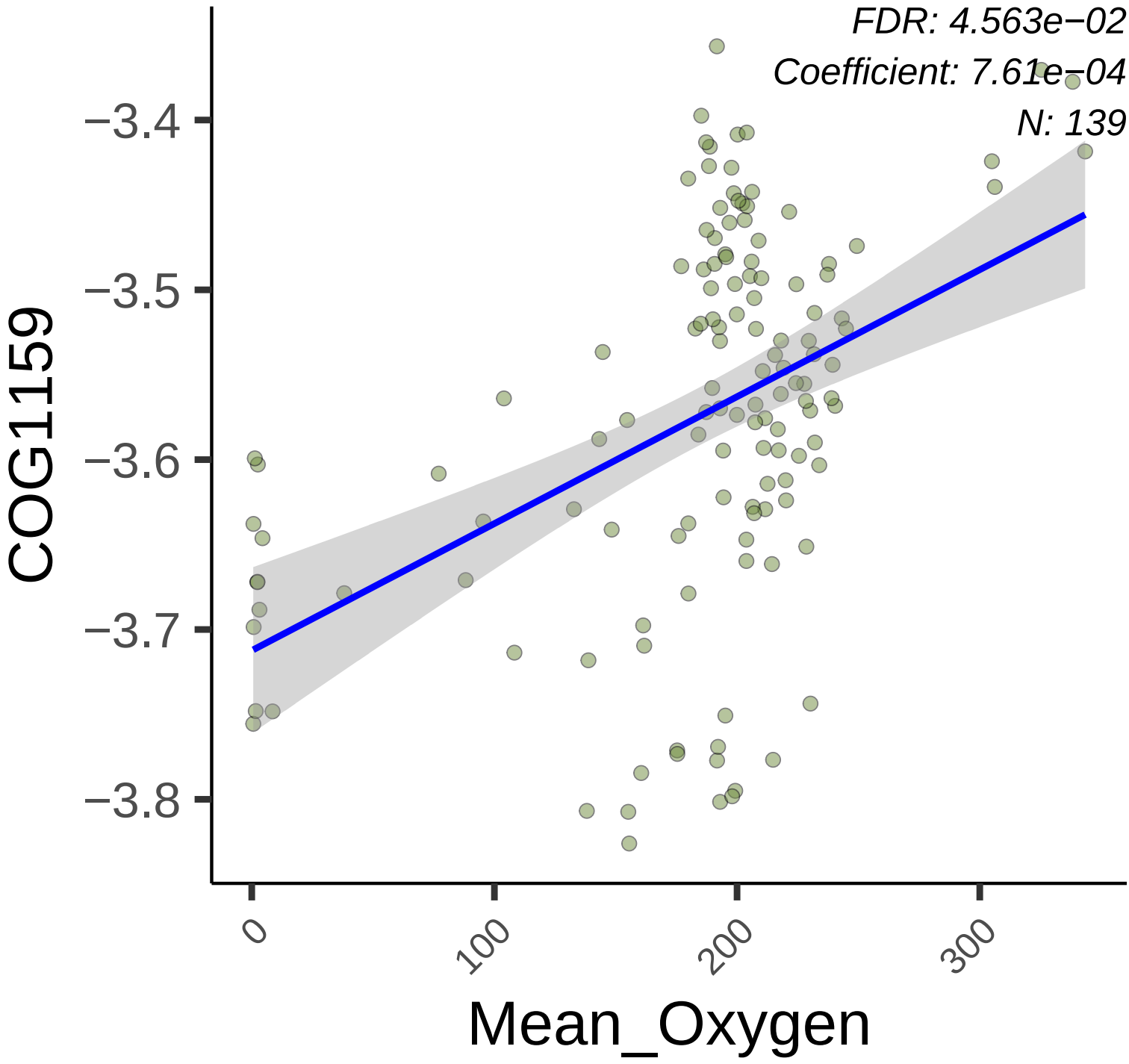
Mean_Oxygen


FDR: 4.563e−02
Coefficient: 7.61e−04
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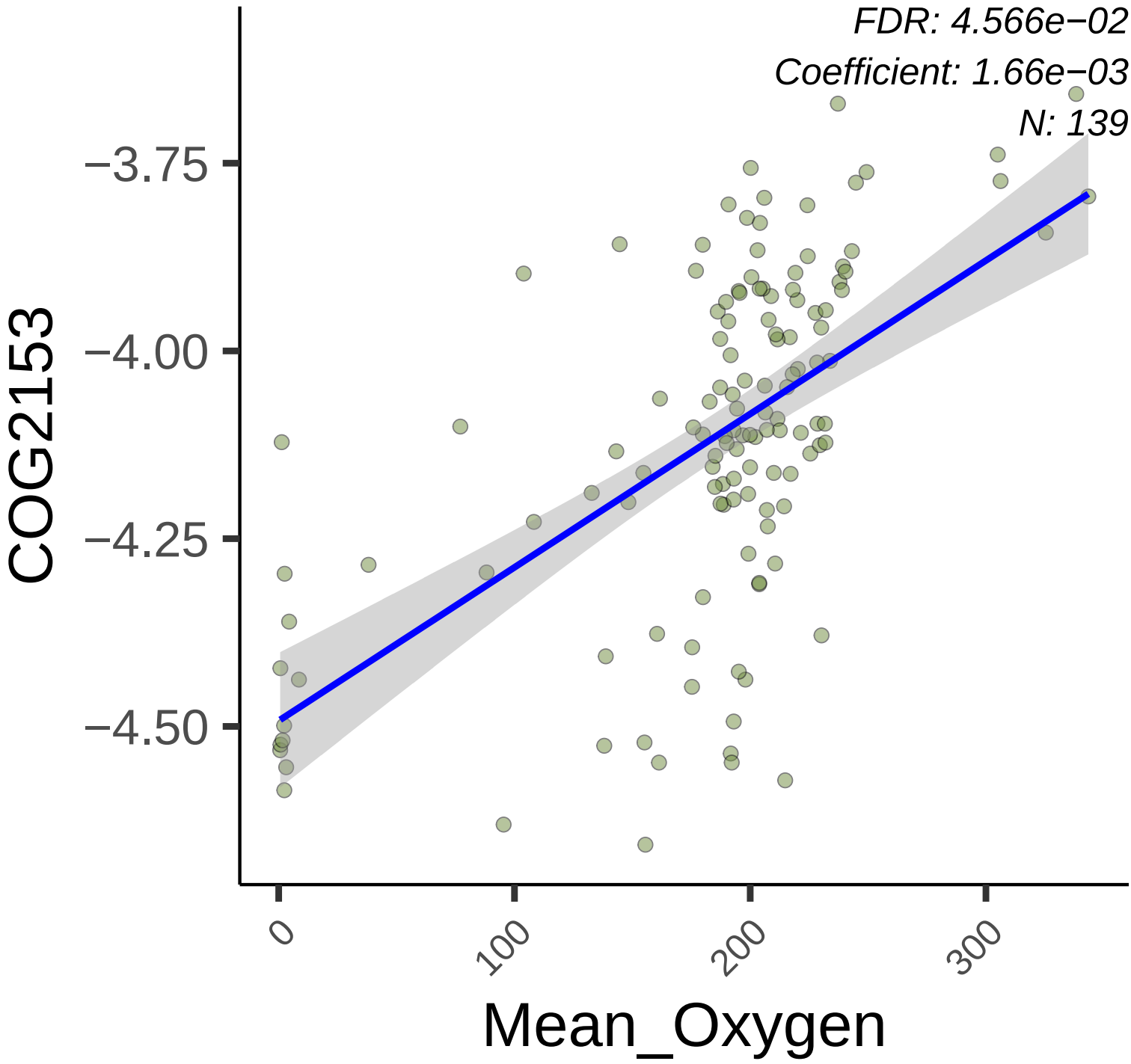
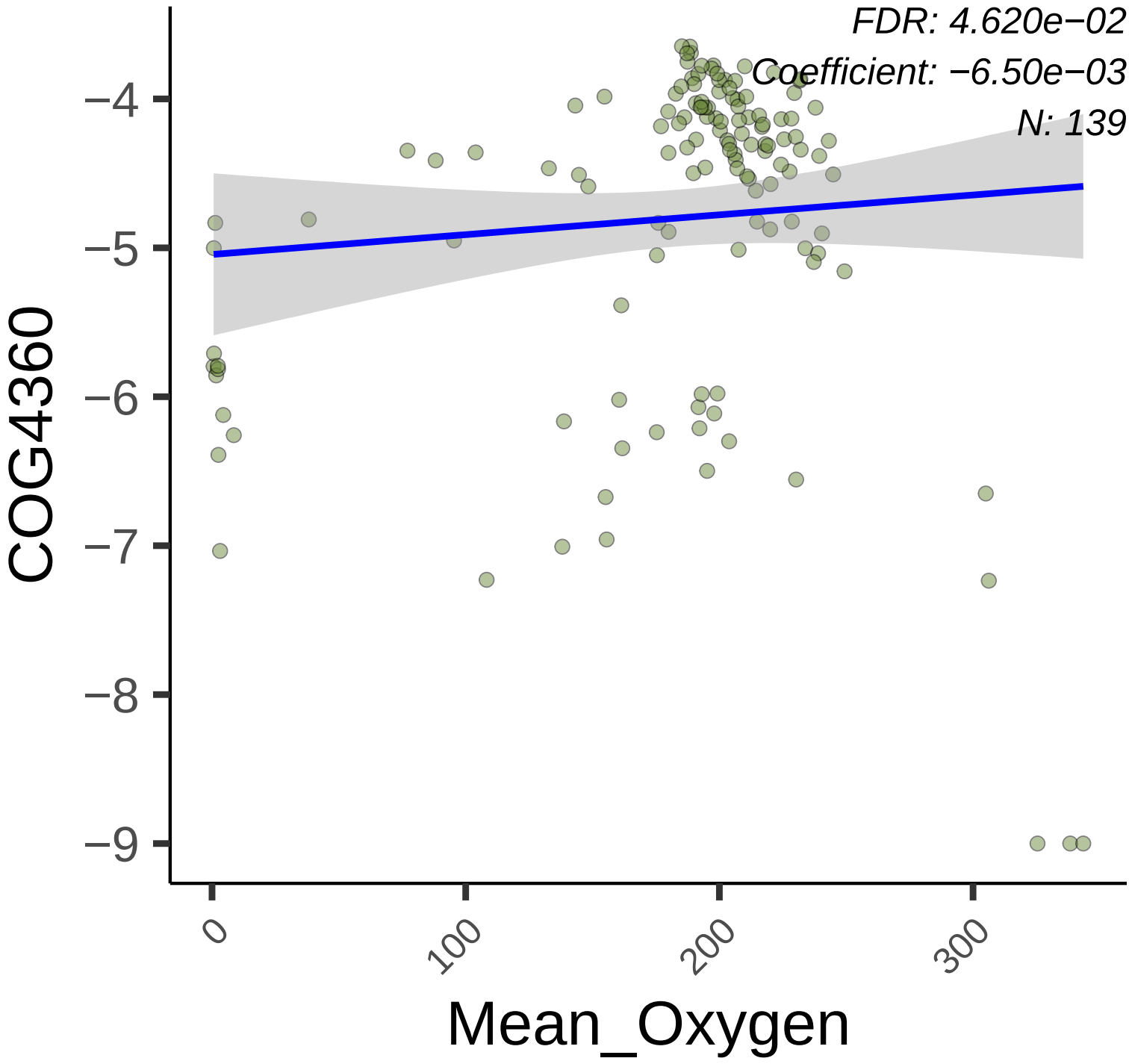
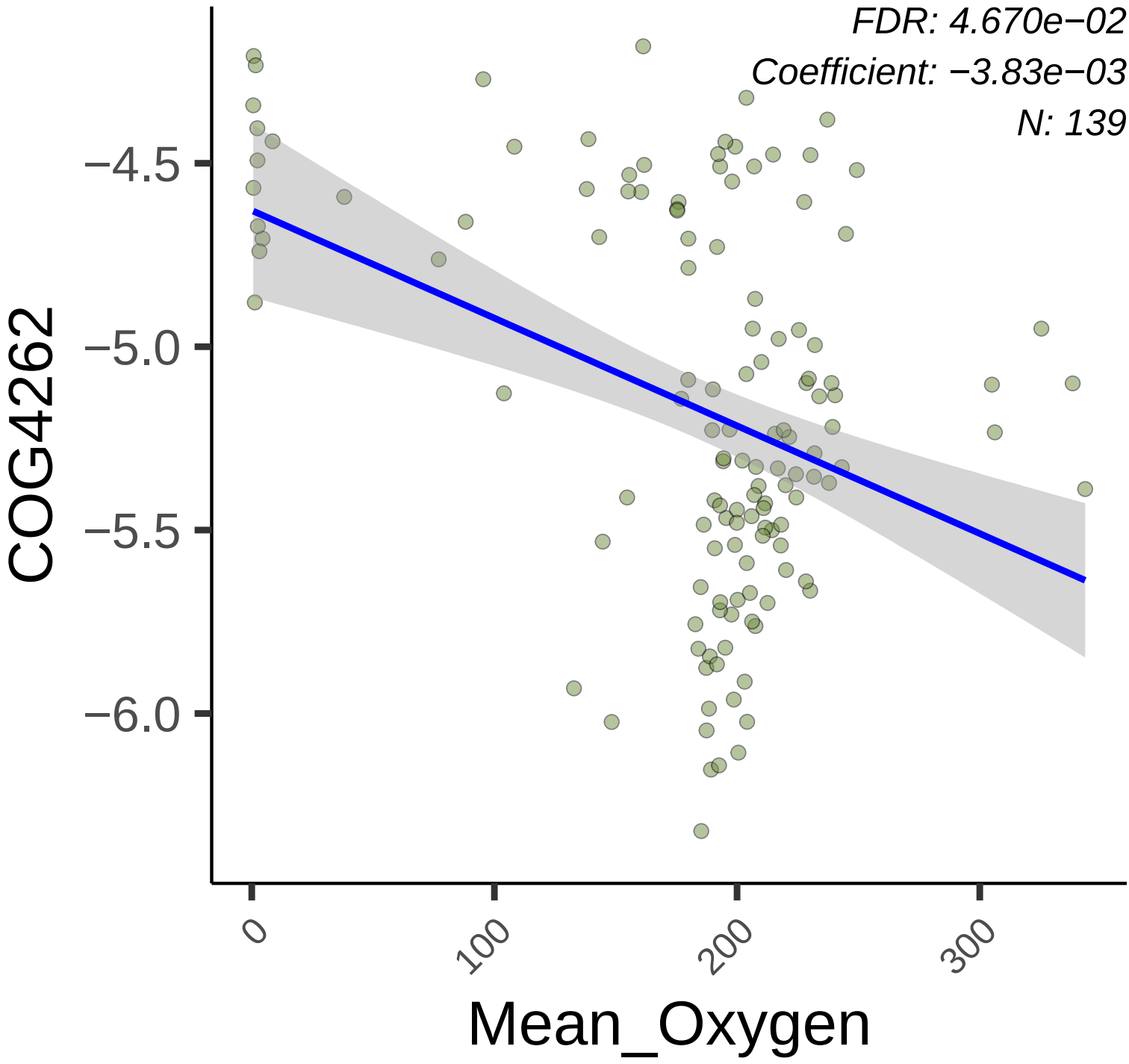
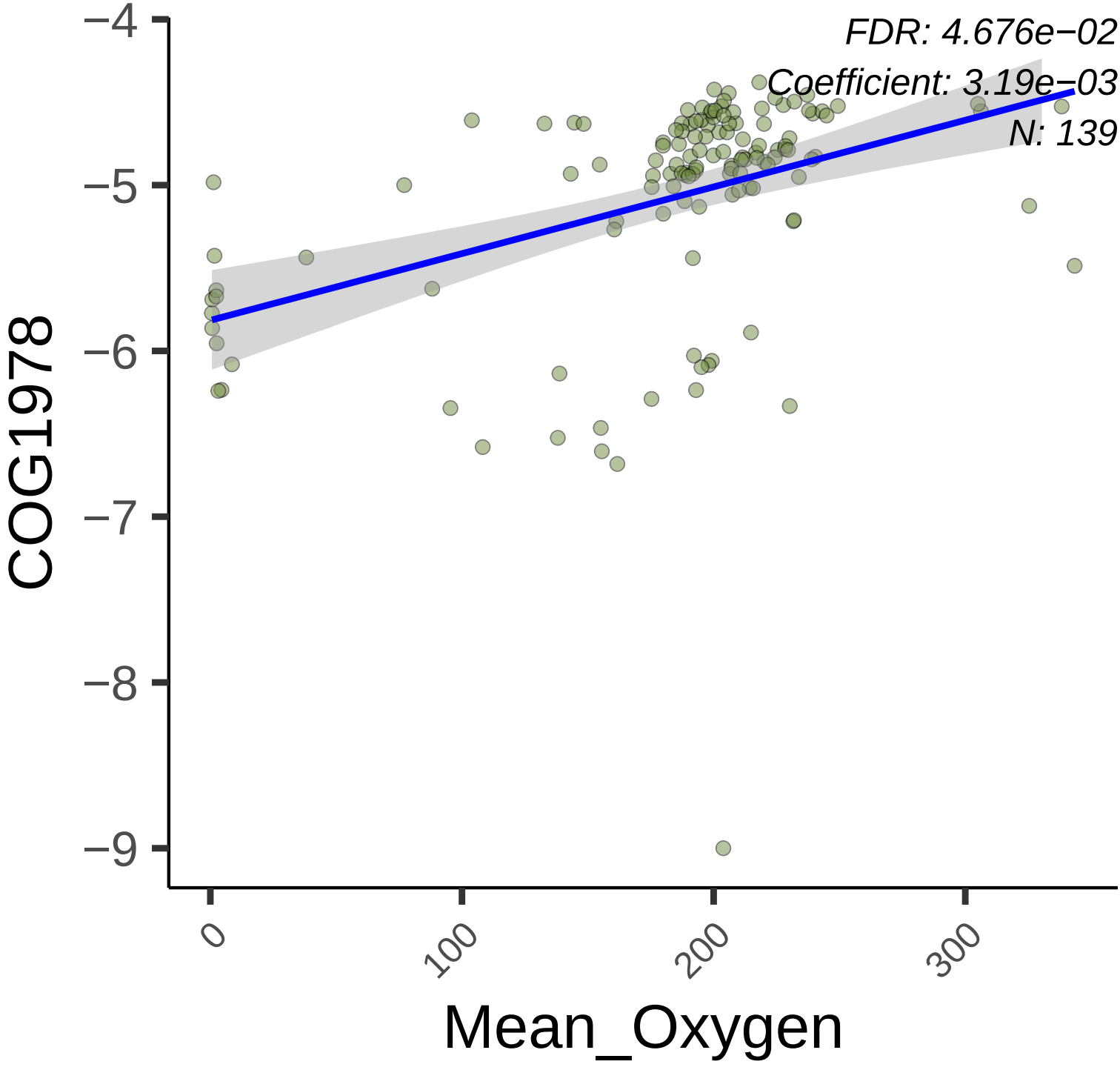
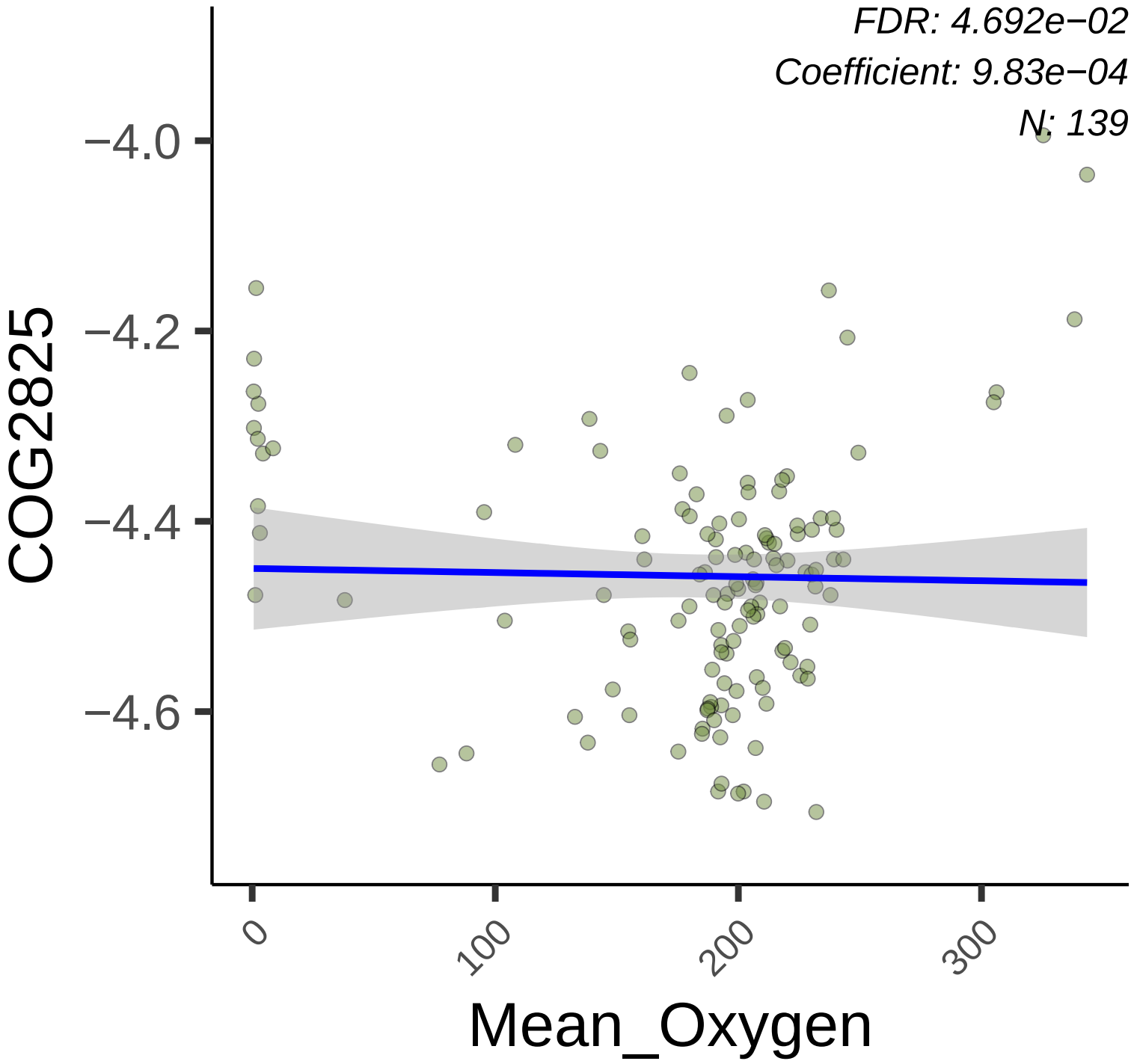
Mean_Oxygen

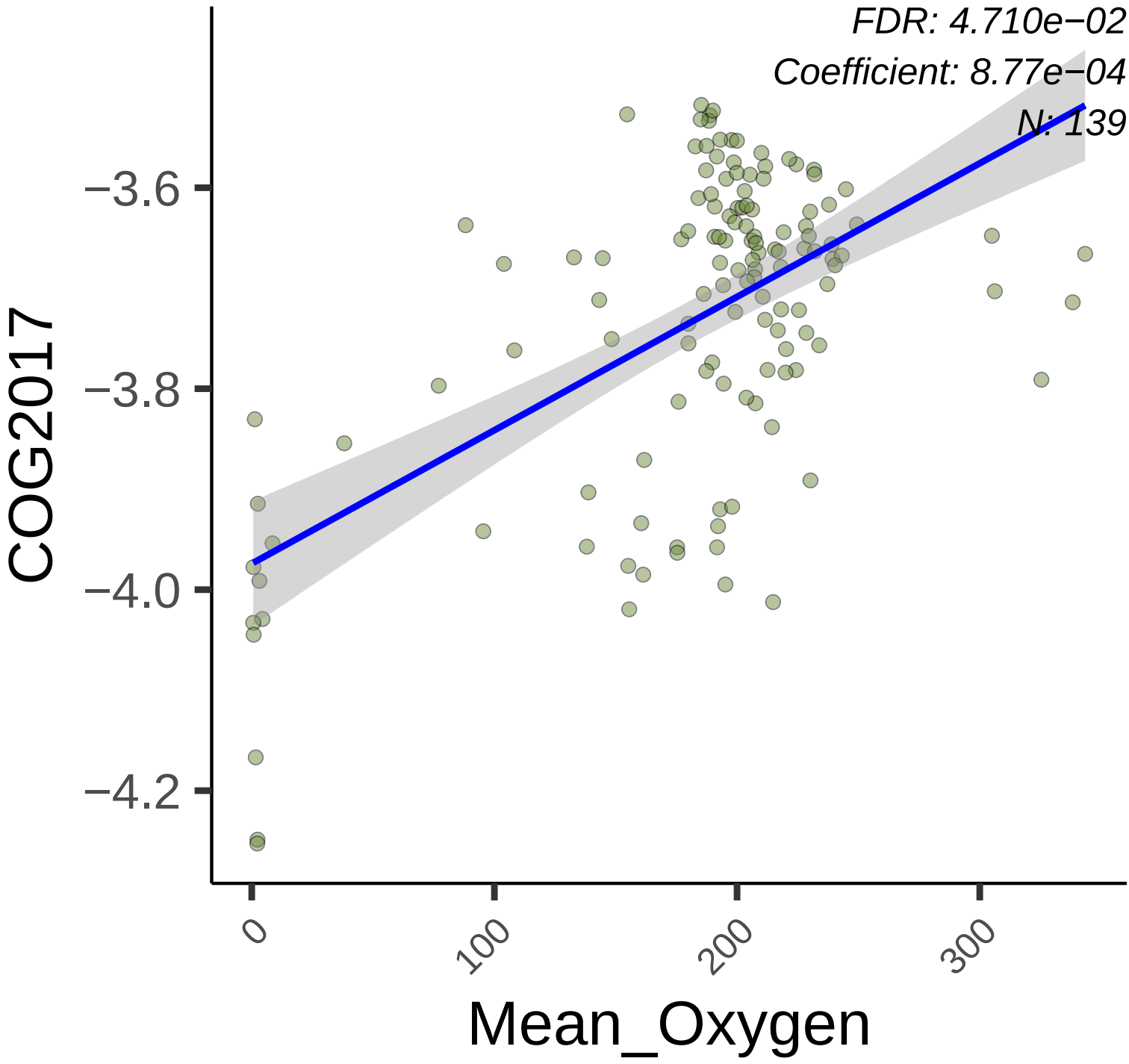

FDR: 4.566e−02
Coefficient: 1.66e−03
N: 139
−3.75
−4.00
−4.25
−4.50
COG2153
0
100
200
300
Mean_Oxygen

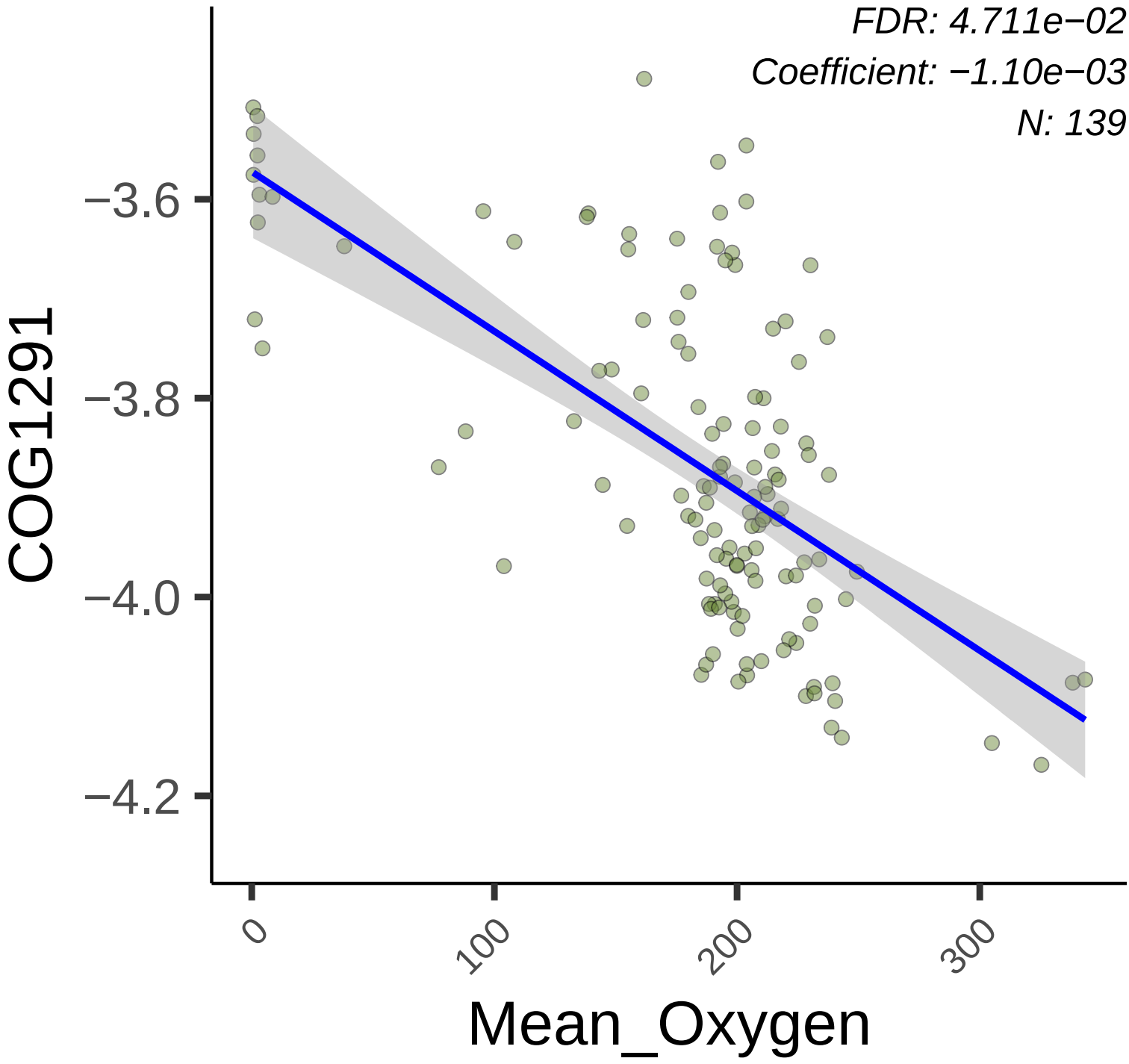

FDR: 4.620e−02
Coefficient: −6.50e−03
N: 139
−4
−5
−6
−7
−8
−9
COG4360
0
100
200
300
Mean_Oxygen

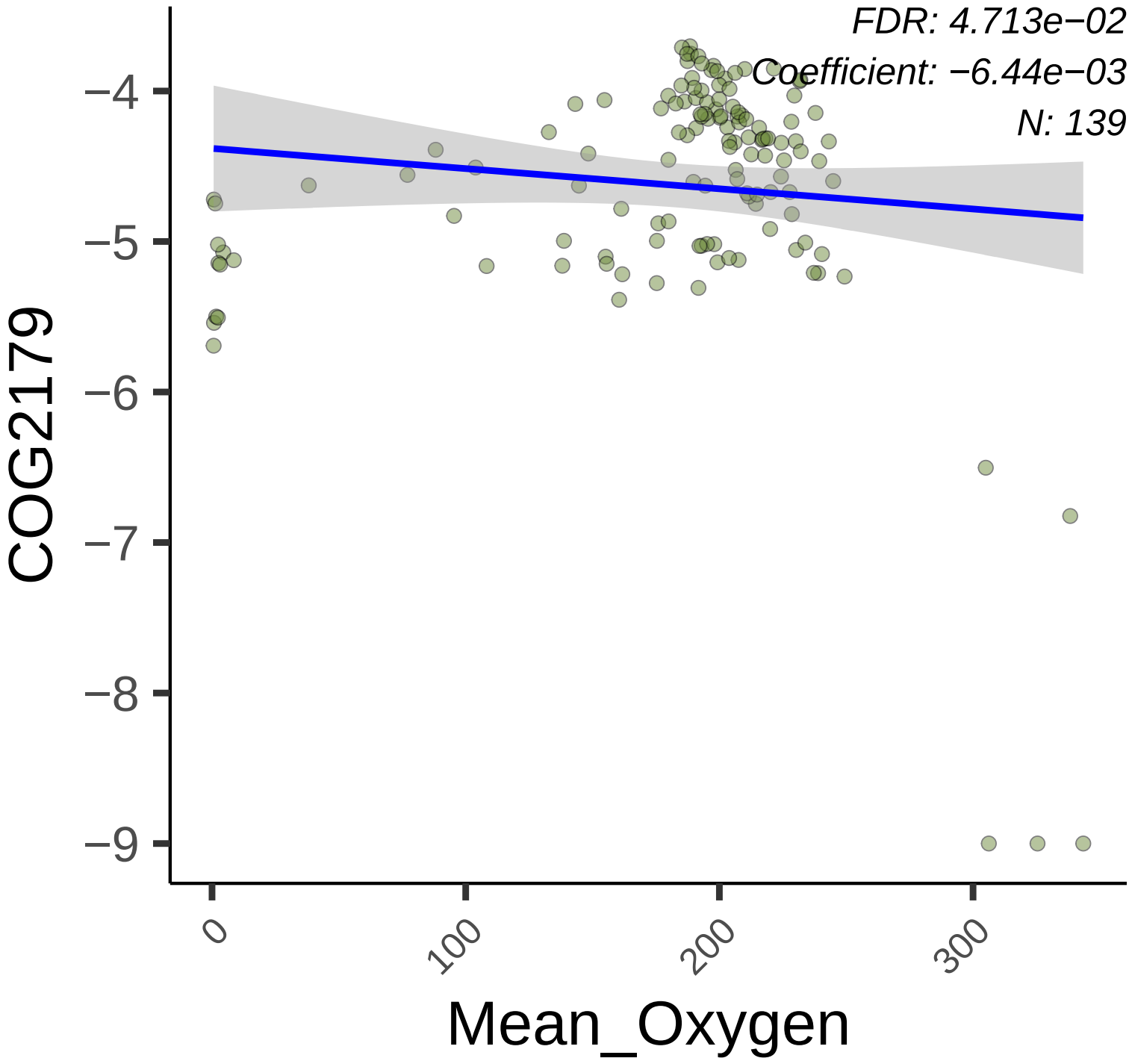

FDR: 4.670e−02
Coefficient: −3.83e−03
N: 139
COG4262
−4.5
−5.0
−5.5
−6.0
0
100
200
300
Mean_Oxygen

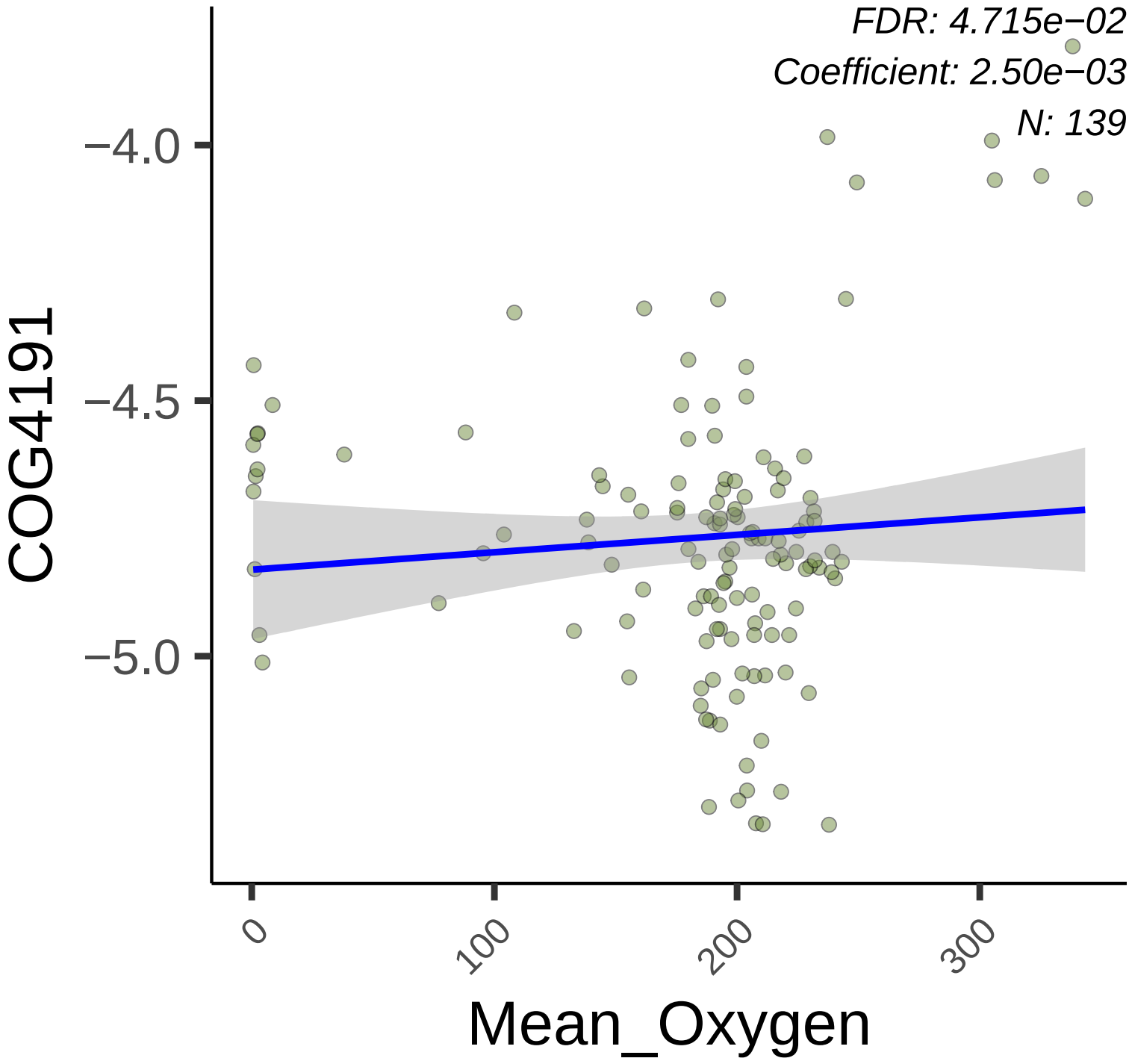

FDR: 4.676e−02
Coefficient: 3.19e−03
N: 139
COG1978
−4
−5
−6
−7
−8
−9
0
100
200
300
Mean_Oxygen

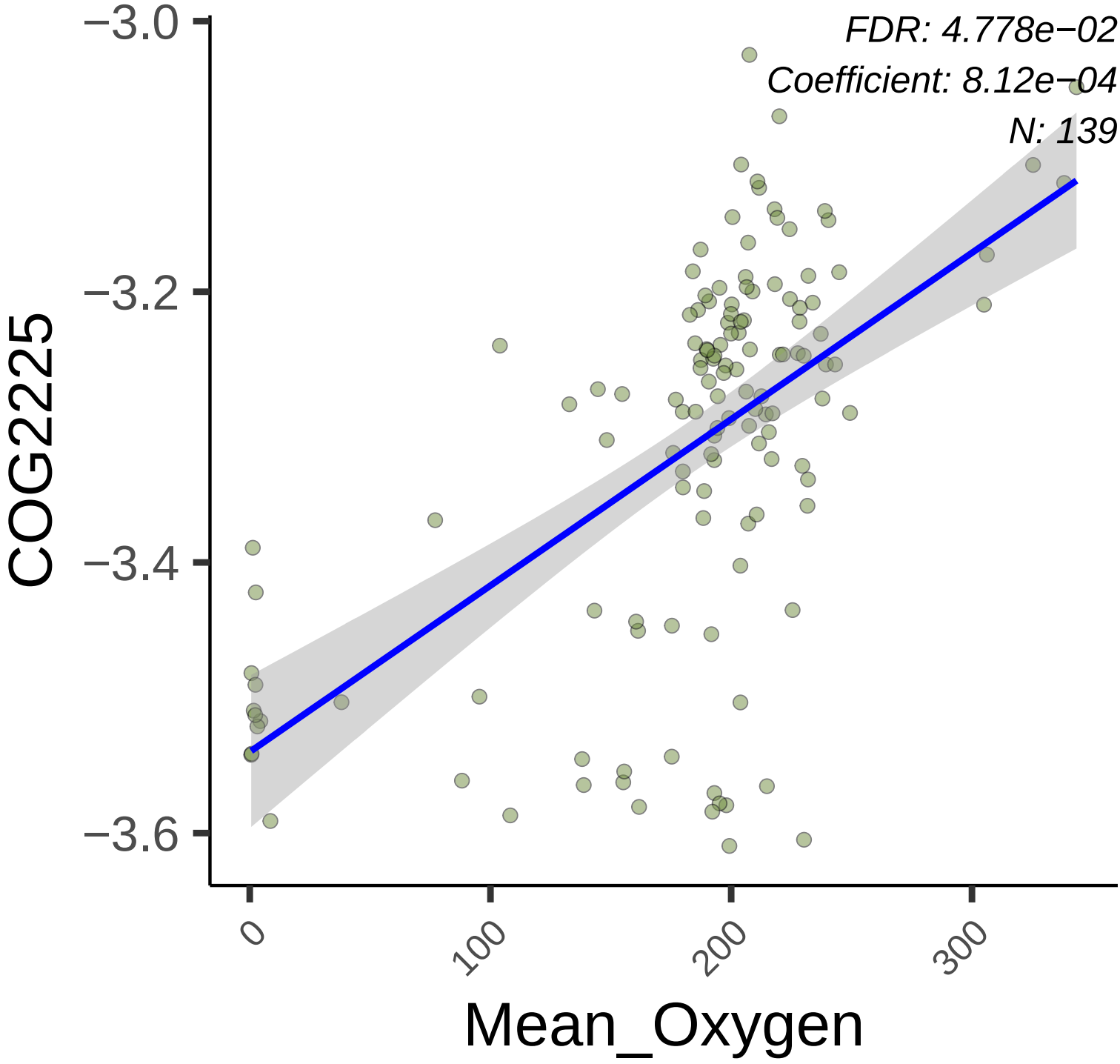

FDR: 4.692e−02
Coefficient: 9.83e−04
N: 139
−4.0
−4.2
−4.4
−4.6
COG2825
0
100
200
300
Mean_Oxygen

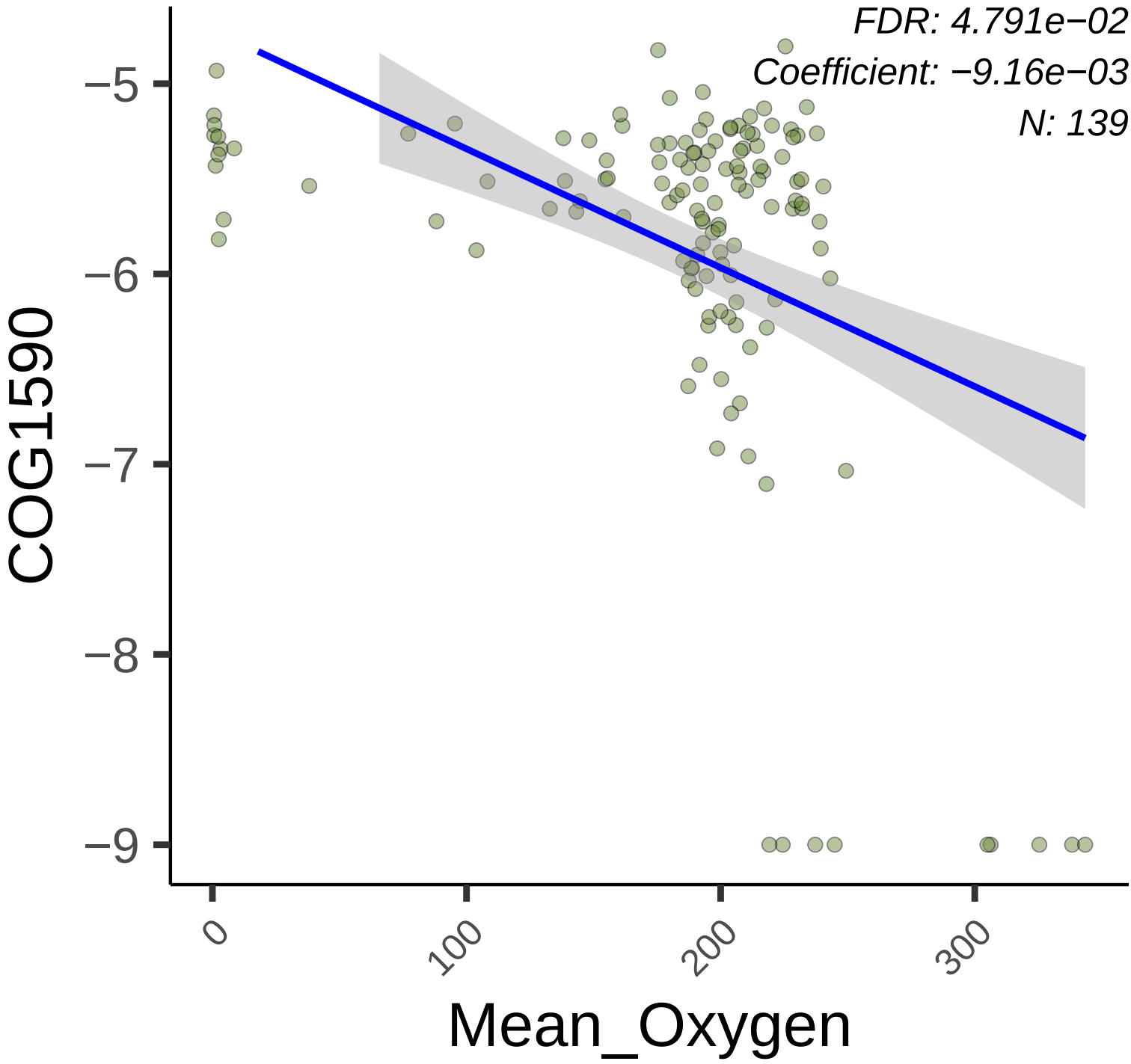

FDR: 4.710e−02
Coefficient: 8.77e−04
N: 139
−3.6
−3.8
−4.0
−4.2
COG2017
0
100
200
300
Mean_Oxygen

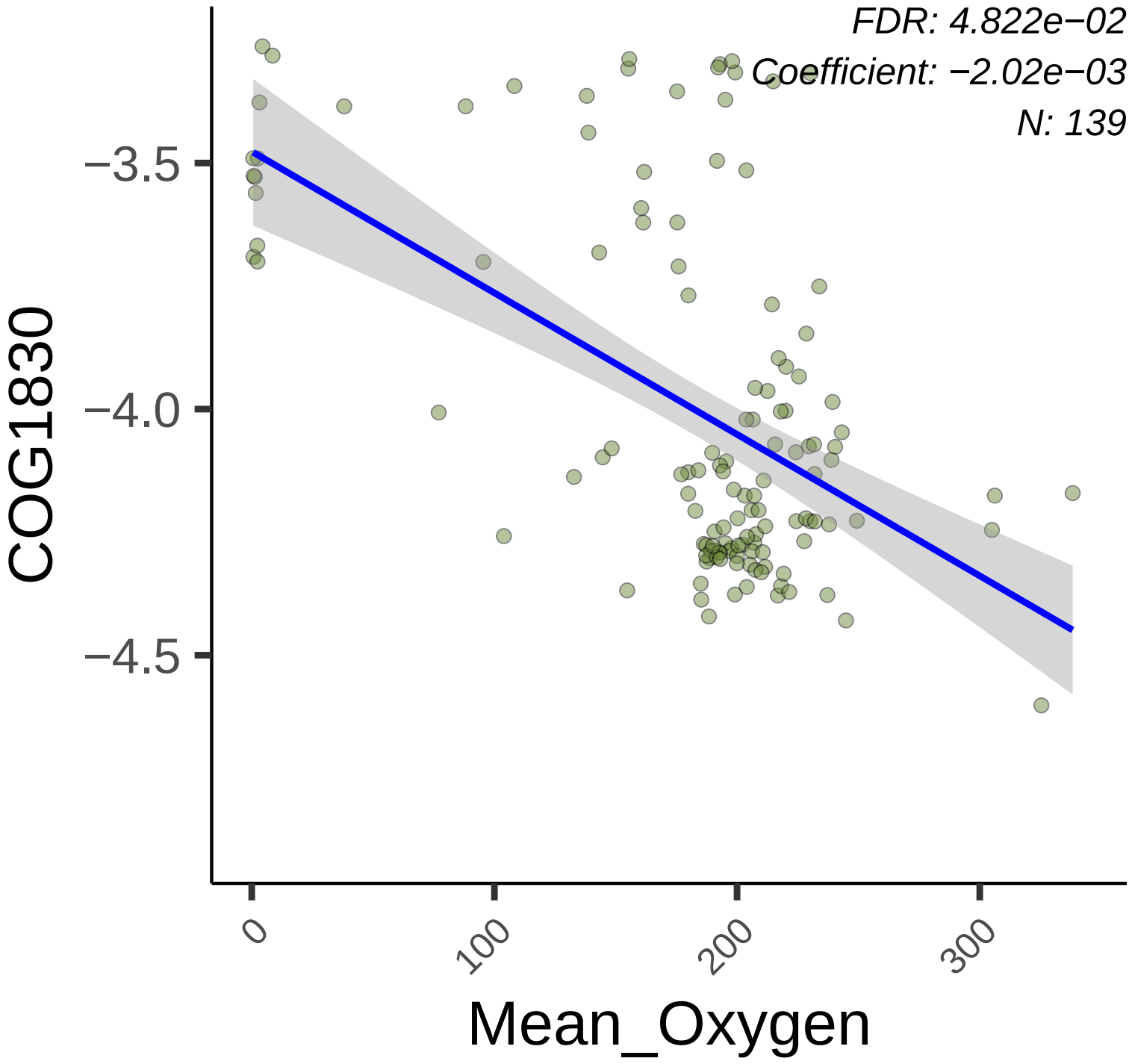

FDR: 4.711e−02
Coefficient: −1.10e−03
N: 139
COG1291
−3.6
−3.8
−4.0
−4.2
0
100
200
300
Mean_Oxygen

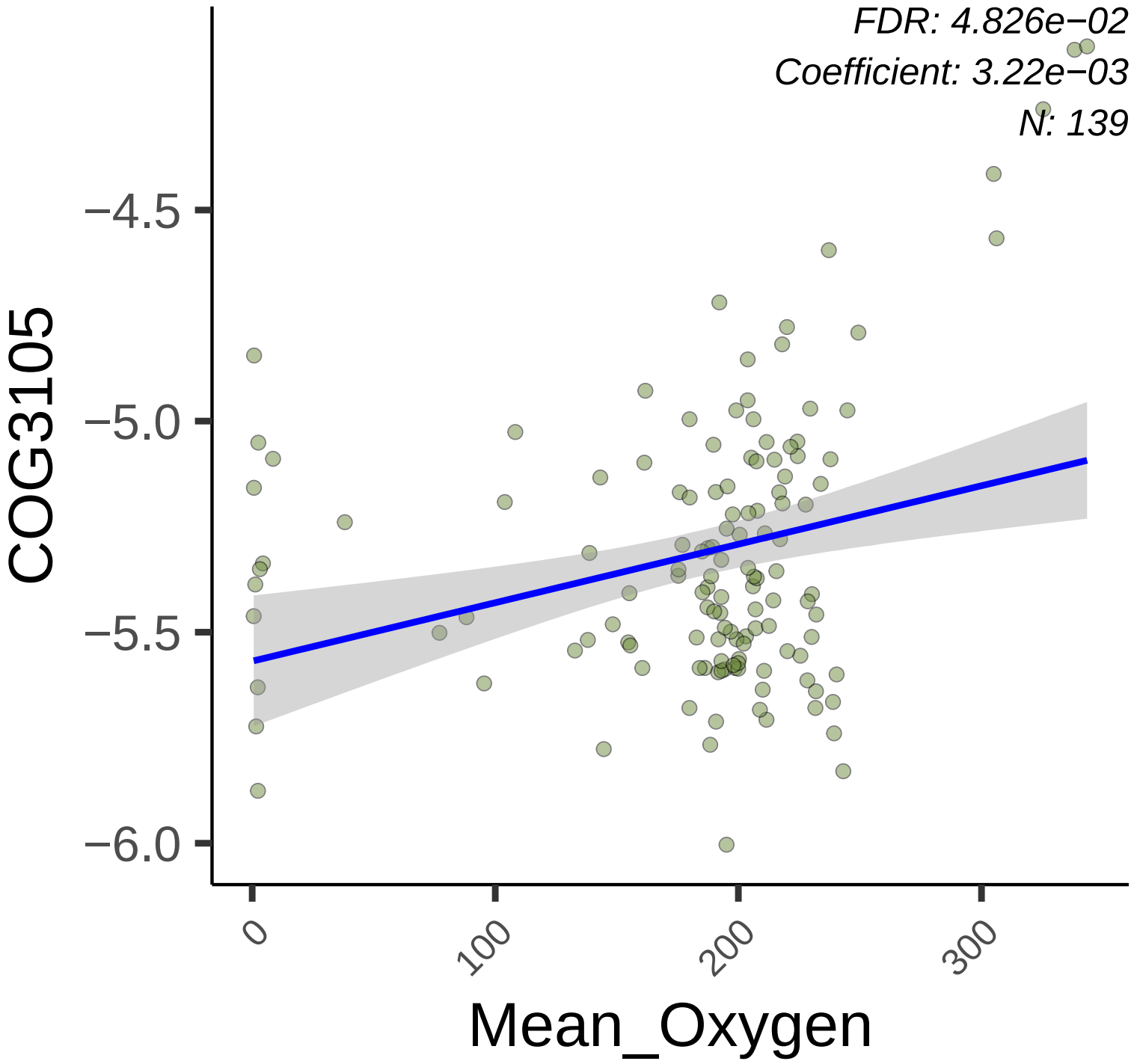

FDR: 4.713e−02
Coefficient: −6.44e−03
N: 139
−4
−5
−6
−7
−8
−9
COG2179
0
100
200
300
Mean_Oxygen

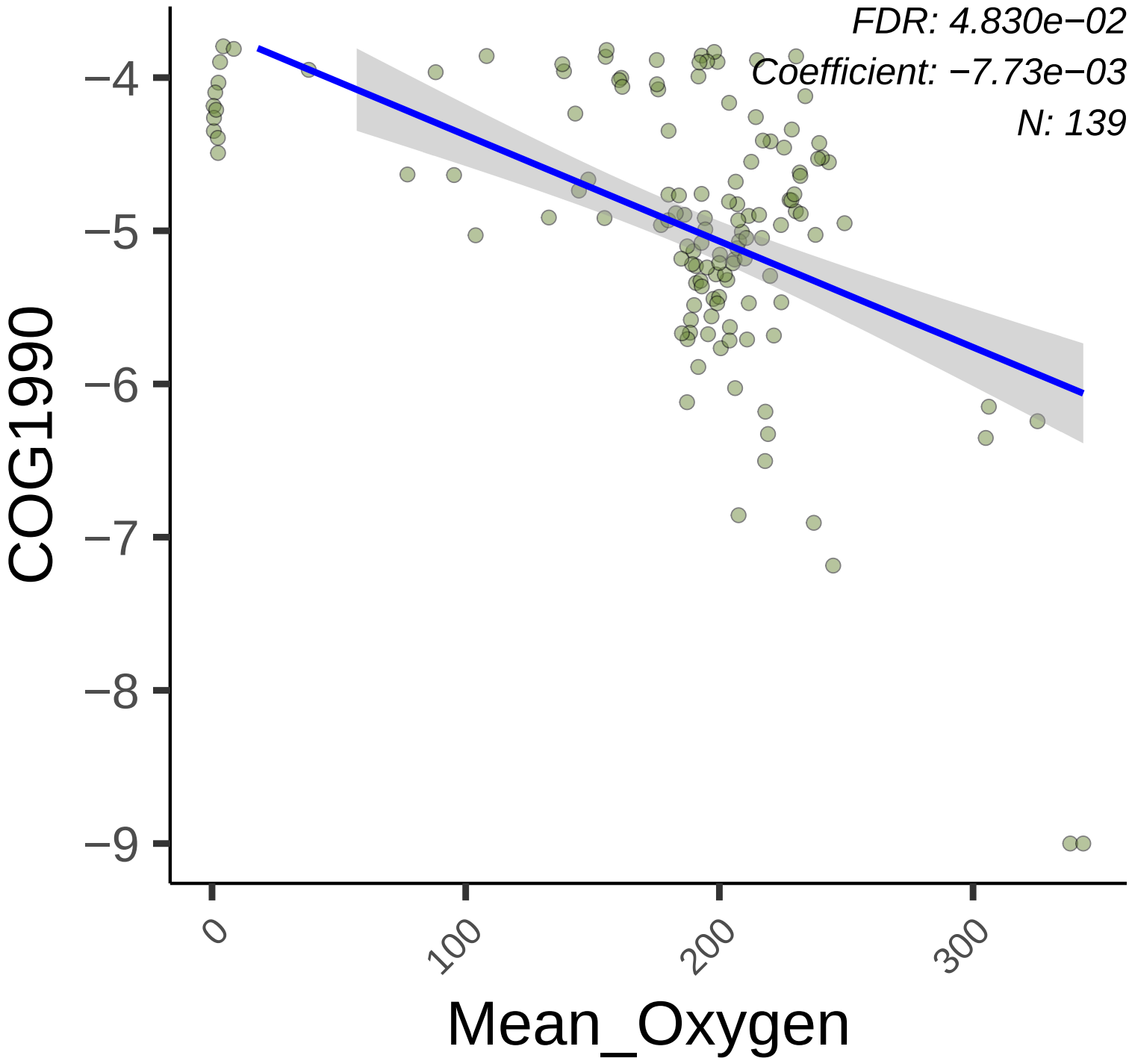

FDR: 4.715e−02
Coefficient: 2.50e−03
N: 139
−4.0
−4.5
−5.0
COG4191
0
100
200
300
Mean_Oxygen

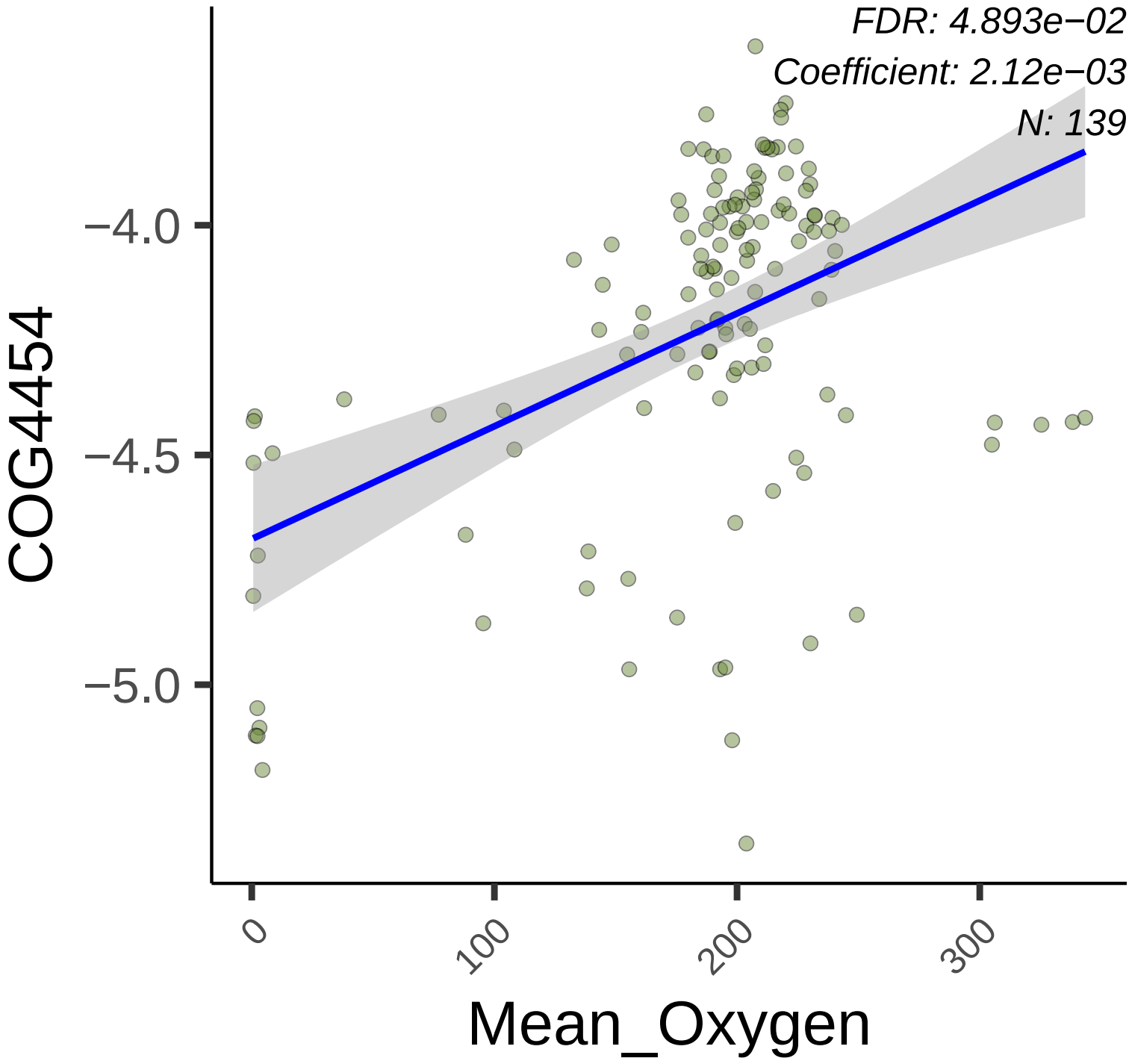

FDR: 4.778e−02
Coefficient: 8.12e−04
N: 139
−3.0
−3.2
−3.4
−3.6
COG2225
0
100
200
300
Mean_Oxygen

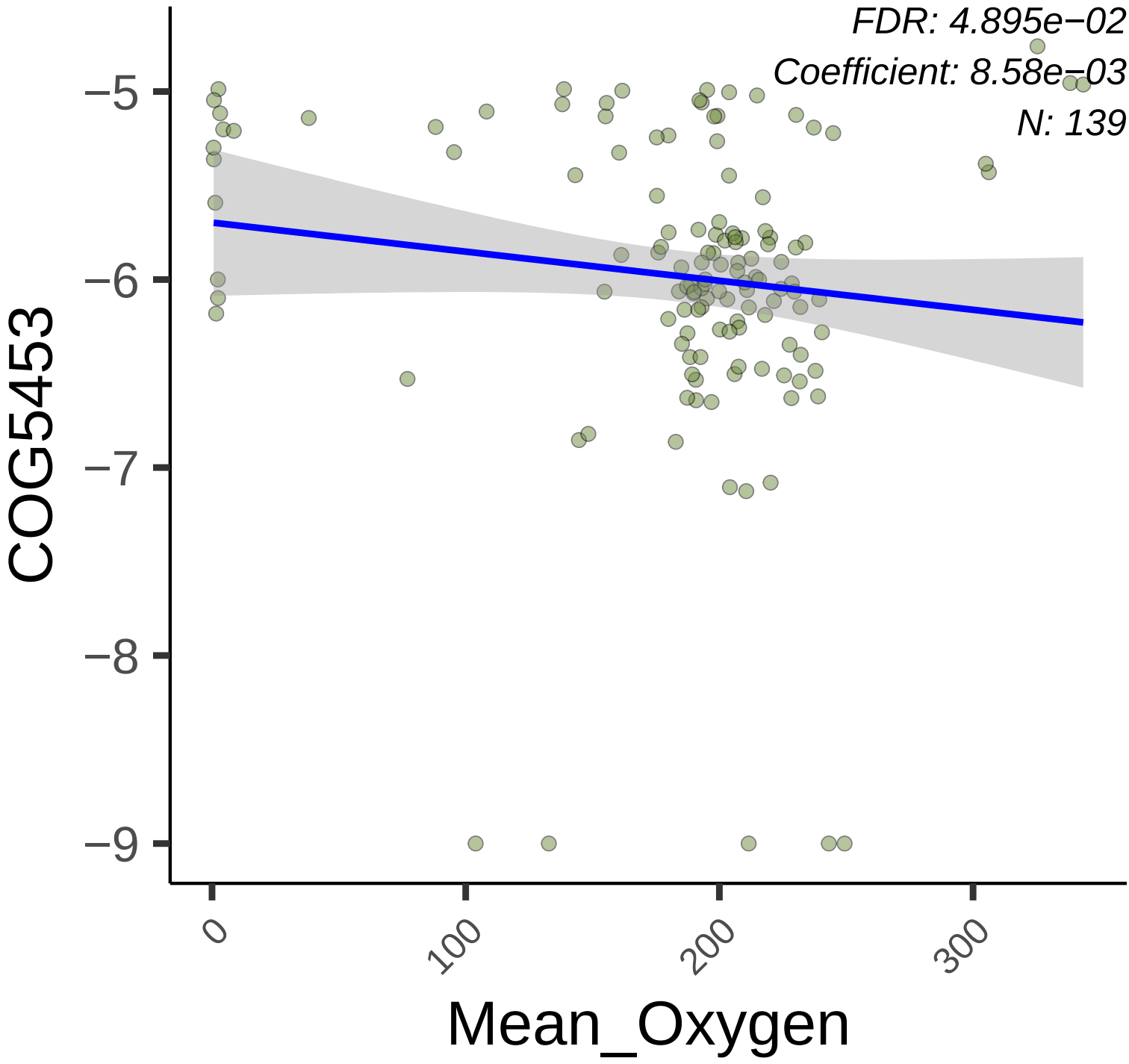

FDR: 4.791e−02
Coefficient: −9.16e−03
N: 139
COG1590
−5
−6
−7
−8
−9
0
100
200
300
Mean_Oxygen

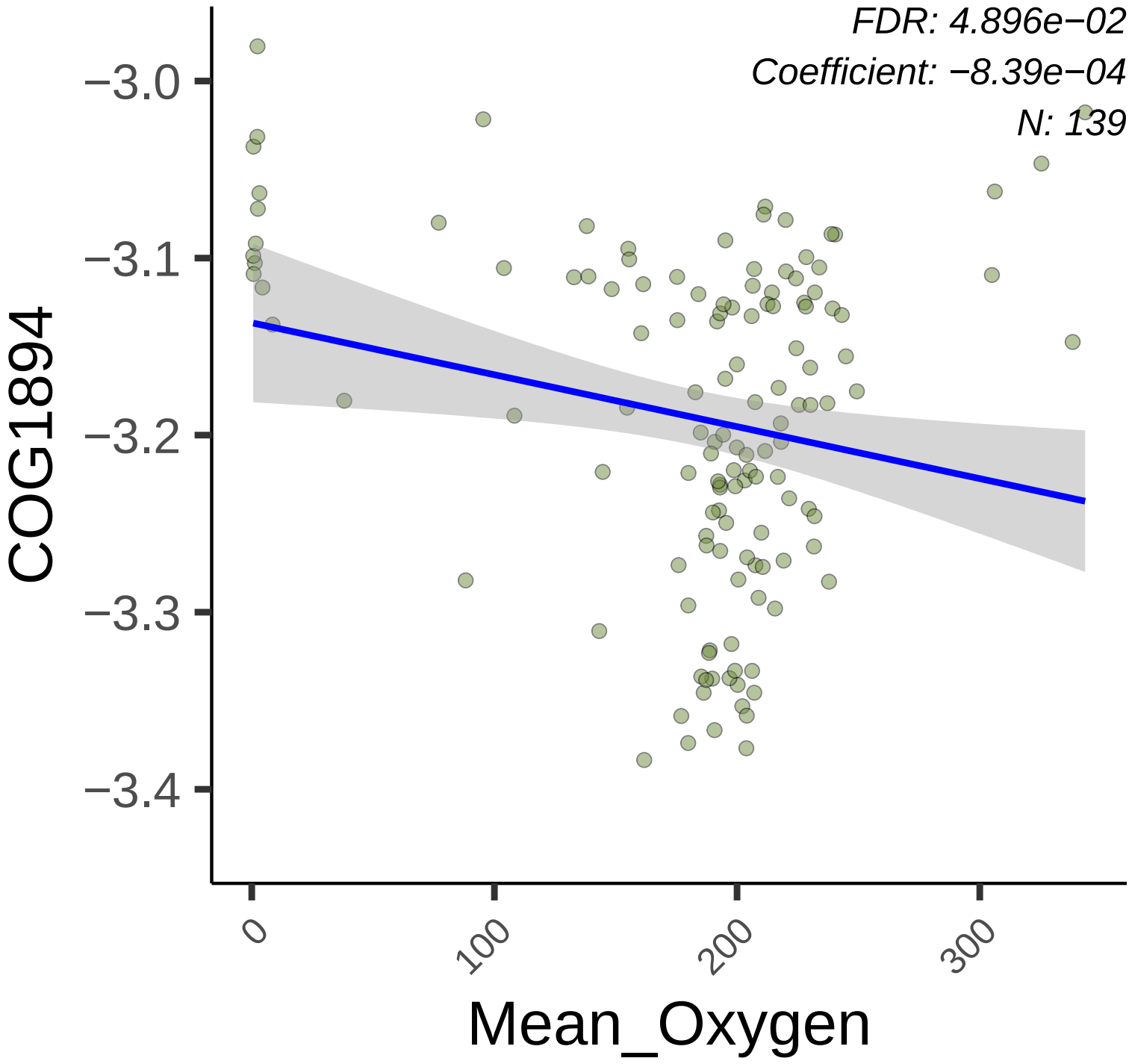

FDR: 4.822e−02
Coefficient: −2.02e−03
N: 139
−3.5
−4.0
−4.5
COG1830
0
100
200
300
Mean_Oxygen

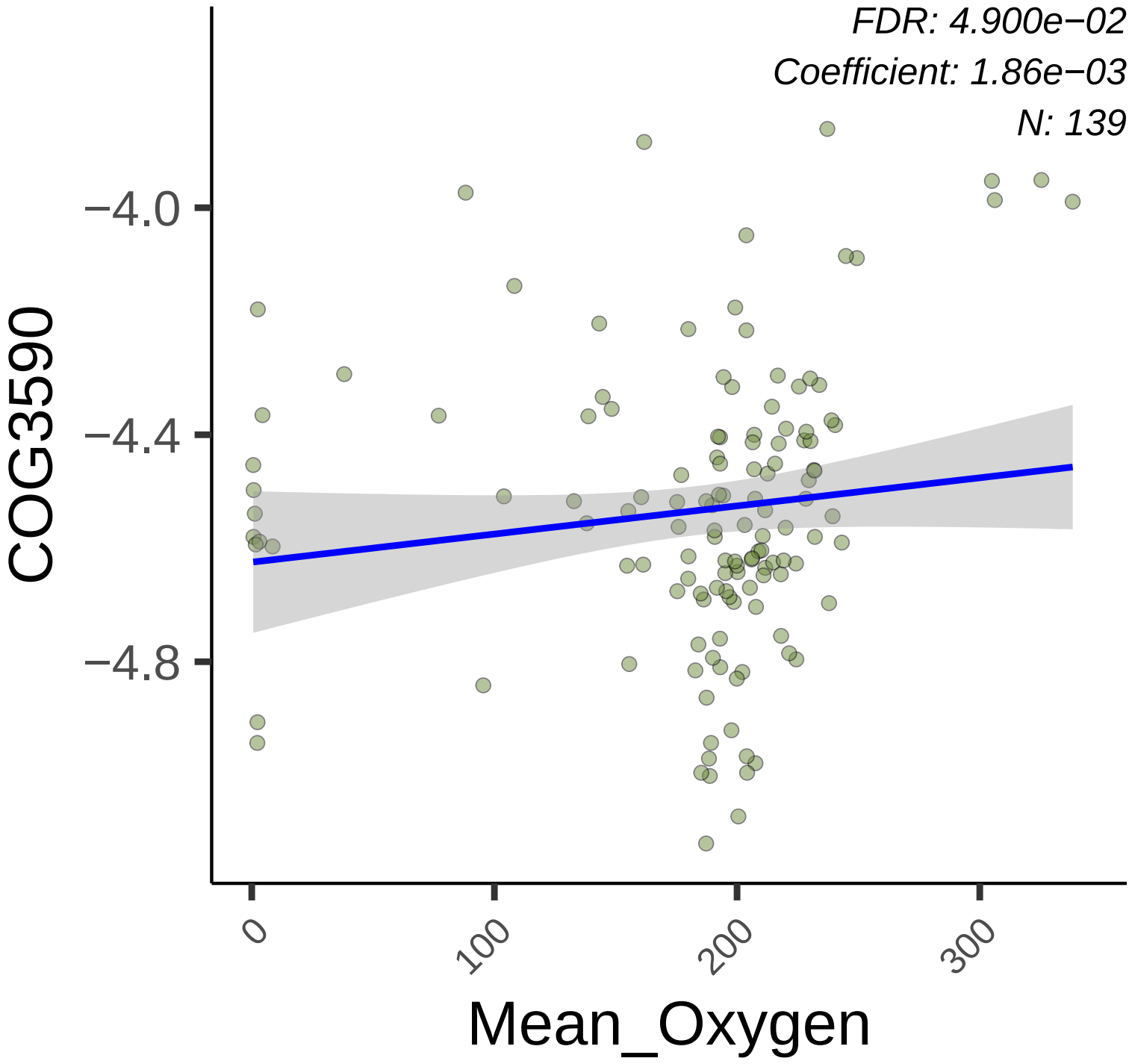

FDR: 4.826e−02
Coefficient: 3.22e−03
N: 139
COG3105
−4.5
−5.0
−5.5
−6.0
0
100
200
300
Mean_Oxygen

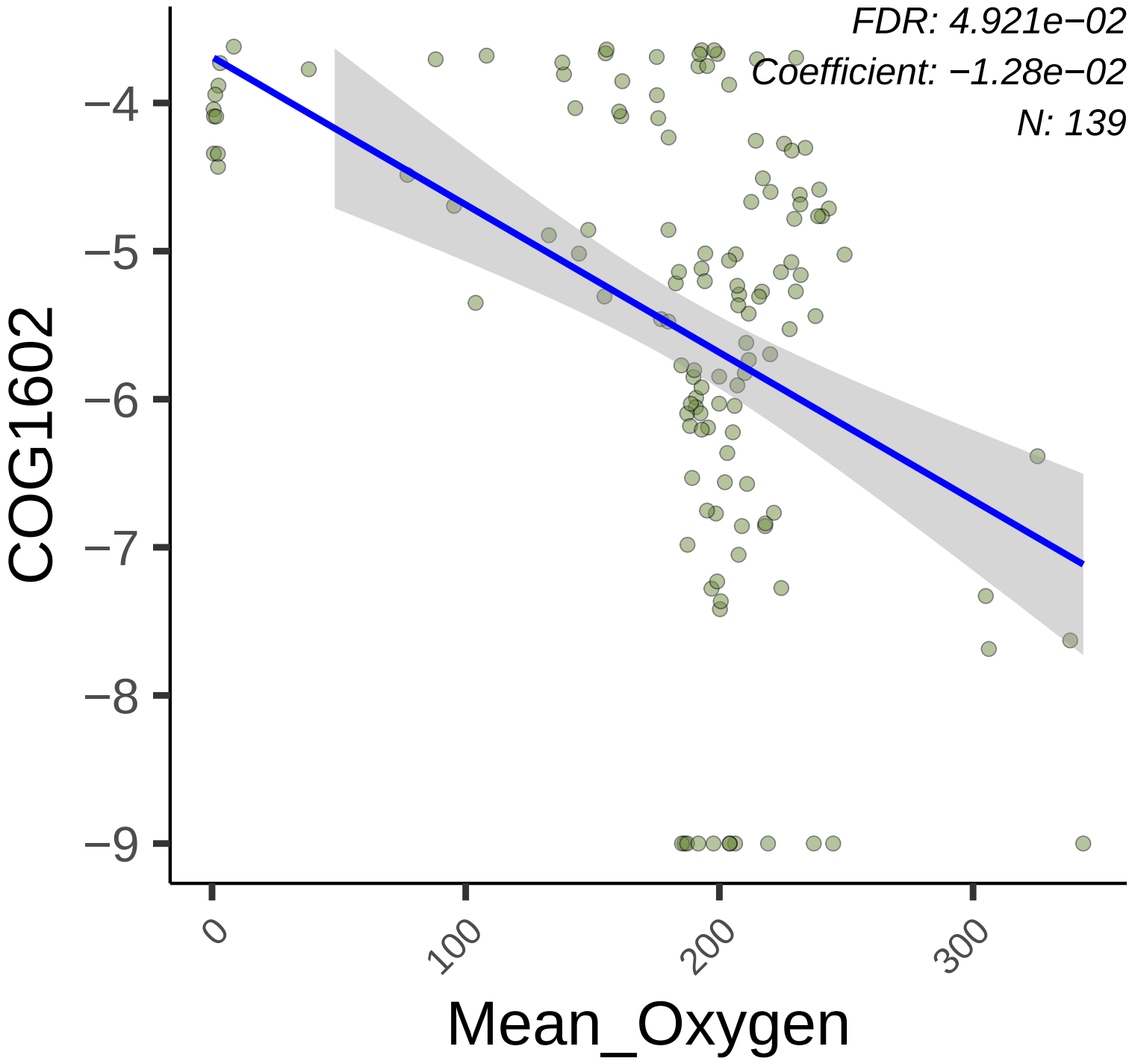

FDR: 4.830e−02
Coefficient: −7.73e−03
N: 139
COG1990
−4
−5
−6
−7
−8
−9
0
100
200
300
Mean_Oxygen

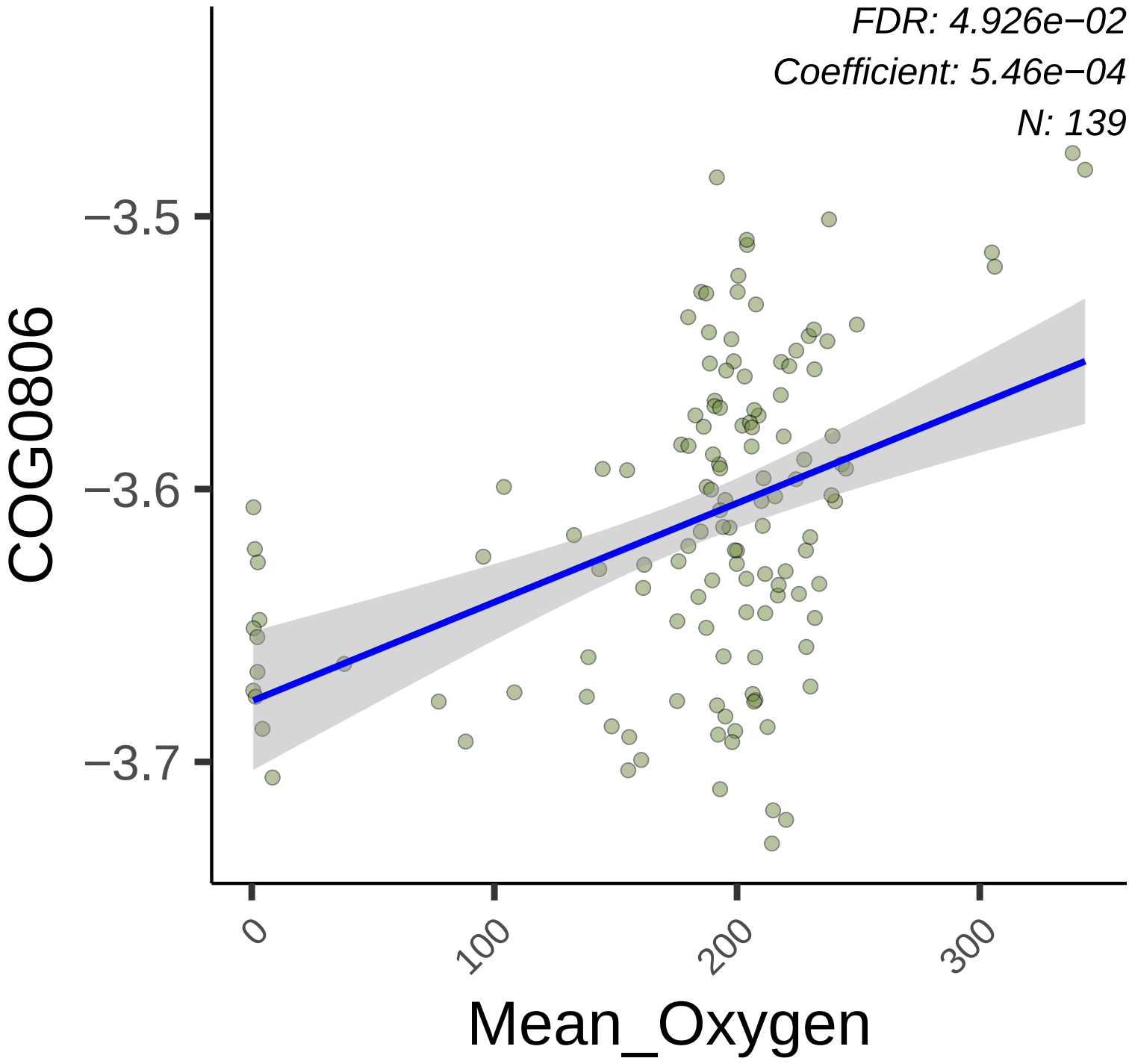

FDR: 4.893e−02
Coefficient: 2.12e−03
N: 139
−4.0
−4.5
−5.0
COG4454
0
100
200
300
Mean_Oxygen

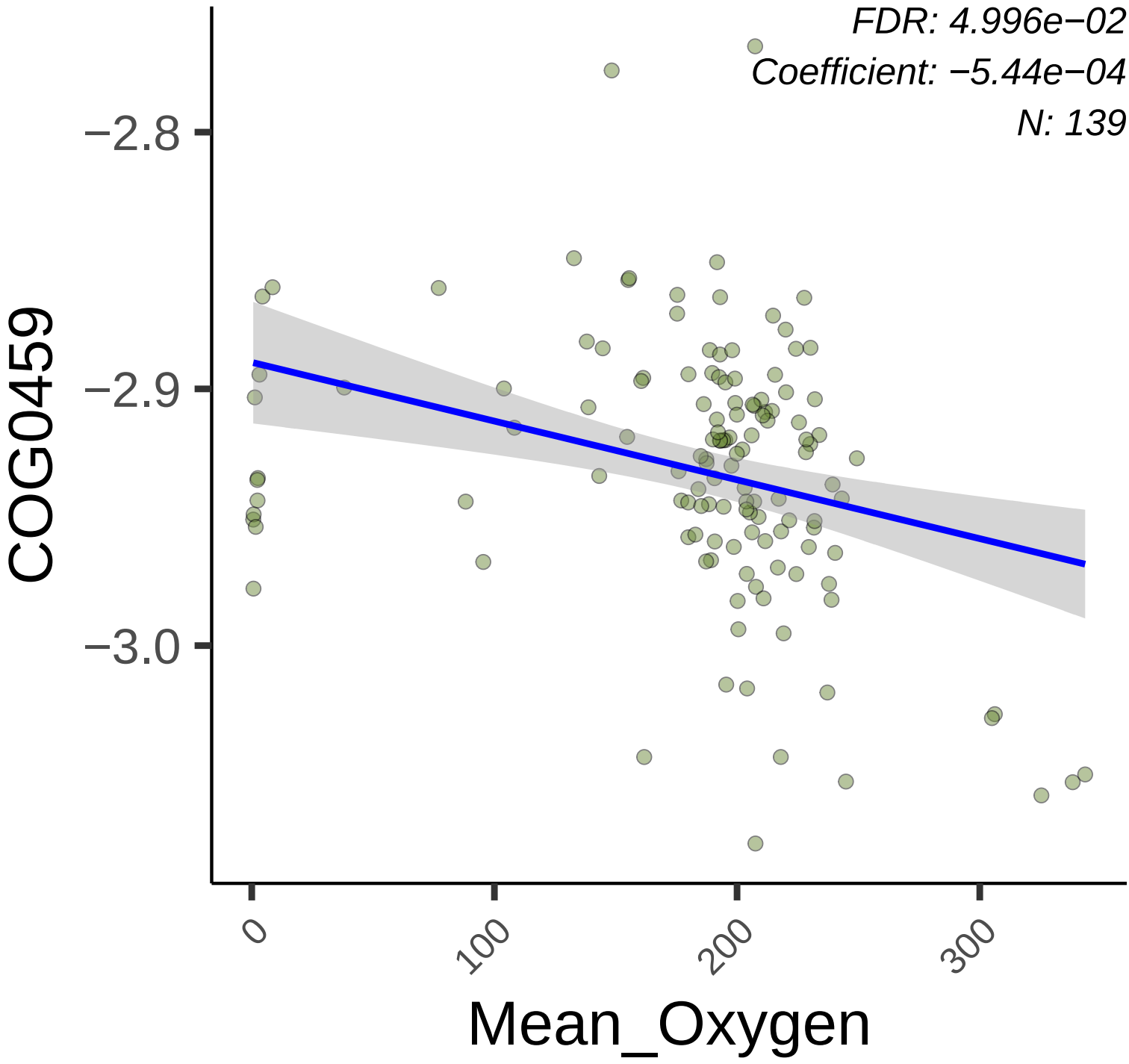

FDR: 4.895e−02
Coefficient: 8.58e−03
N: 139
−5
−6
−7
−8
−9
COG5453
0
100
200
300
Mean_Oxygen


FDR: 4.896e−02
Coefficient: −8.39e−04
N: 139
−3.0
−3.1
−3.2
−3.3
−3.4
COG1894
0
100
200
300
Mean_Oxygen


FDR: 4.900e−02
Coefficient: 1.86e−03
N: 139
−4.0
−4.4
−4.8
COG3590
0
100
200
300
Mean_Oxygen


FDR: 4.921e−02
Coefficient: −1.28e−02
N: 139
COG1602
−4
−5
−6
−7
−8
−9
0
100
200
300
Mean_Oxygen


FDR: 4.926e−02
Coefficient: 5.46e−04
N: 139
COG0806
−3.5
−3.6
−3.7
0
100
200
300
Mean_Oxygen


FDR: 4.996e−02
Coefficient: −5.44e−04
N: 139
−2.8
−2.9
−3.0
COG0459
0
100
200
300
Mean_Oxygen