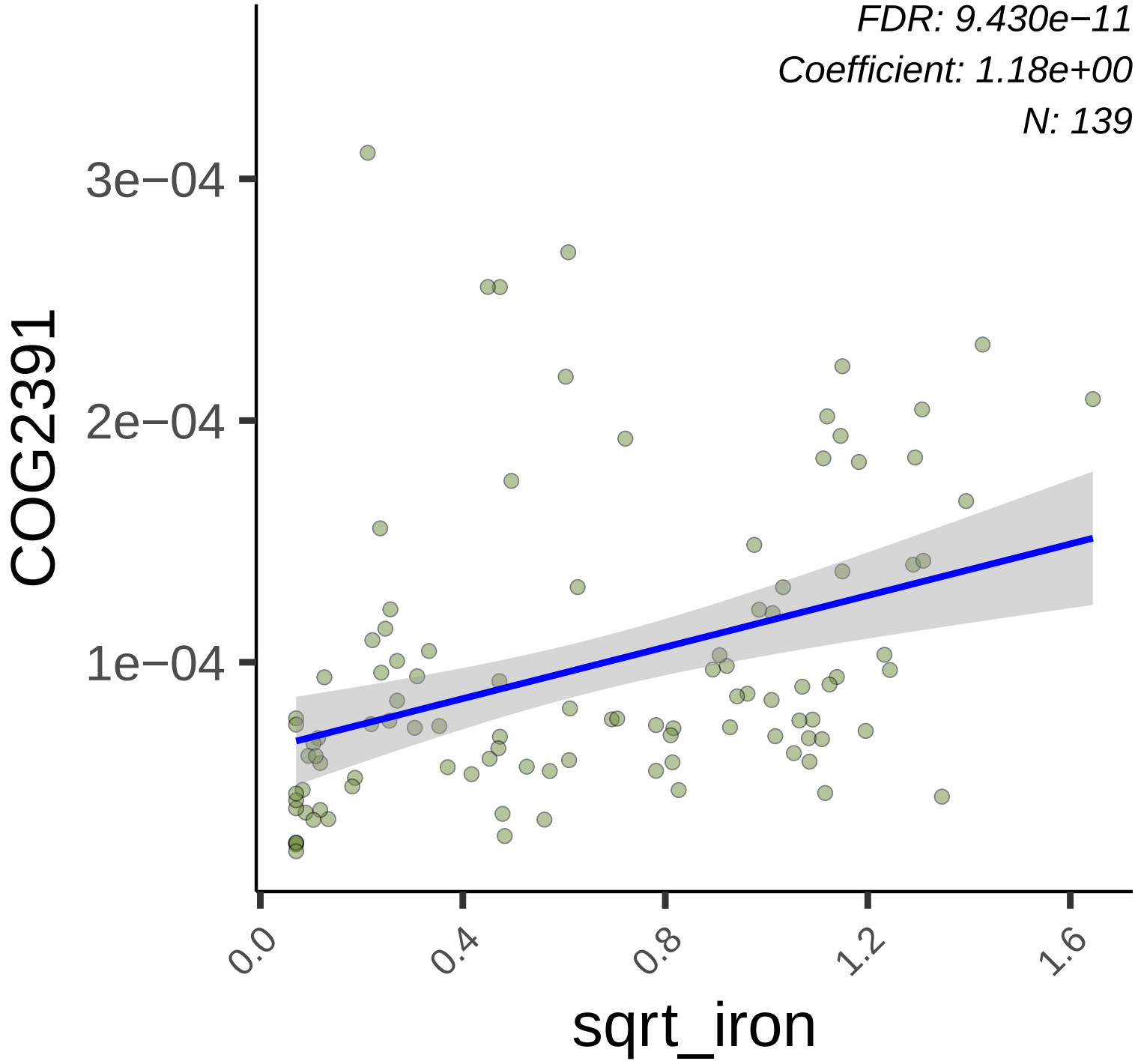
FDR: 9.430e−11
Coefficient: 1.18e+00
N: 139
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COG2391
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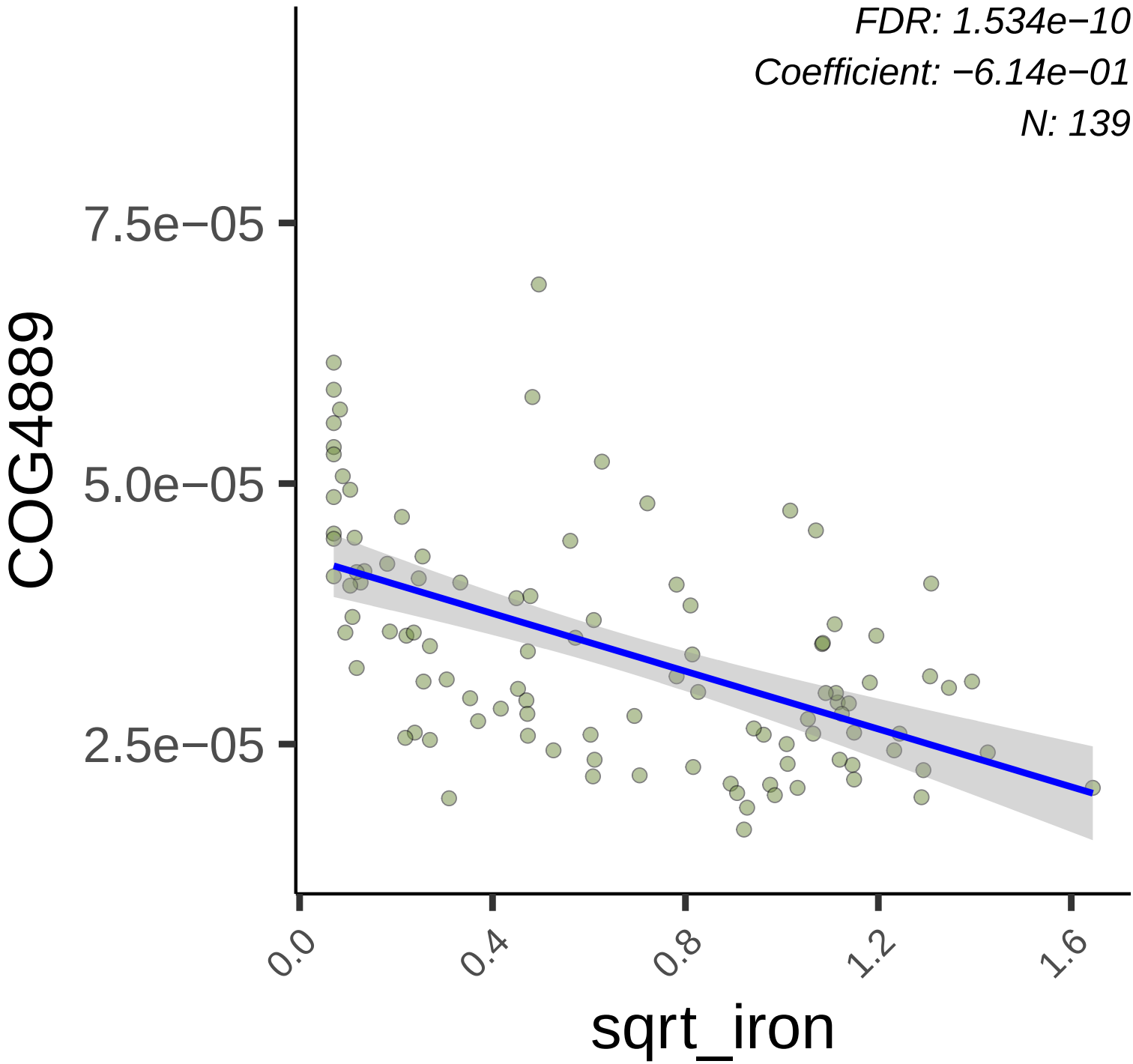
1.6
sqrt_iron


FDR: 1.534e−10
Coefficient: −6.14e−01
N: 139
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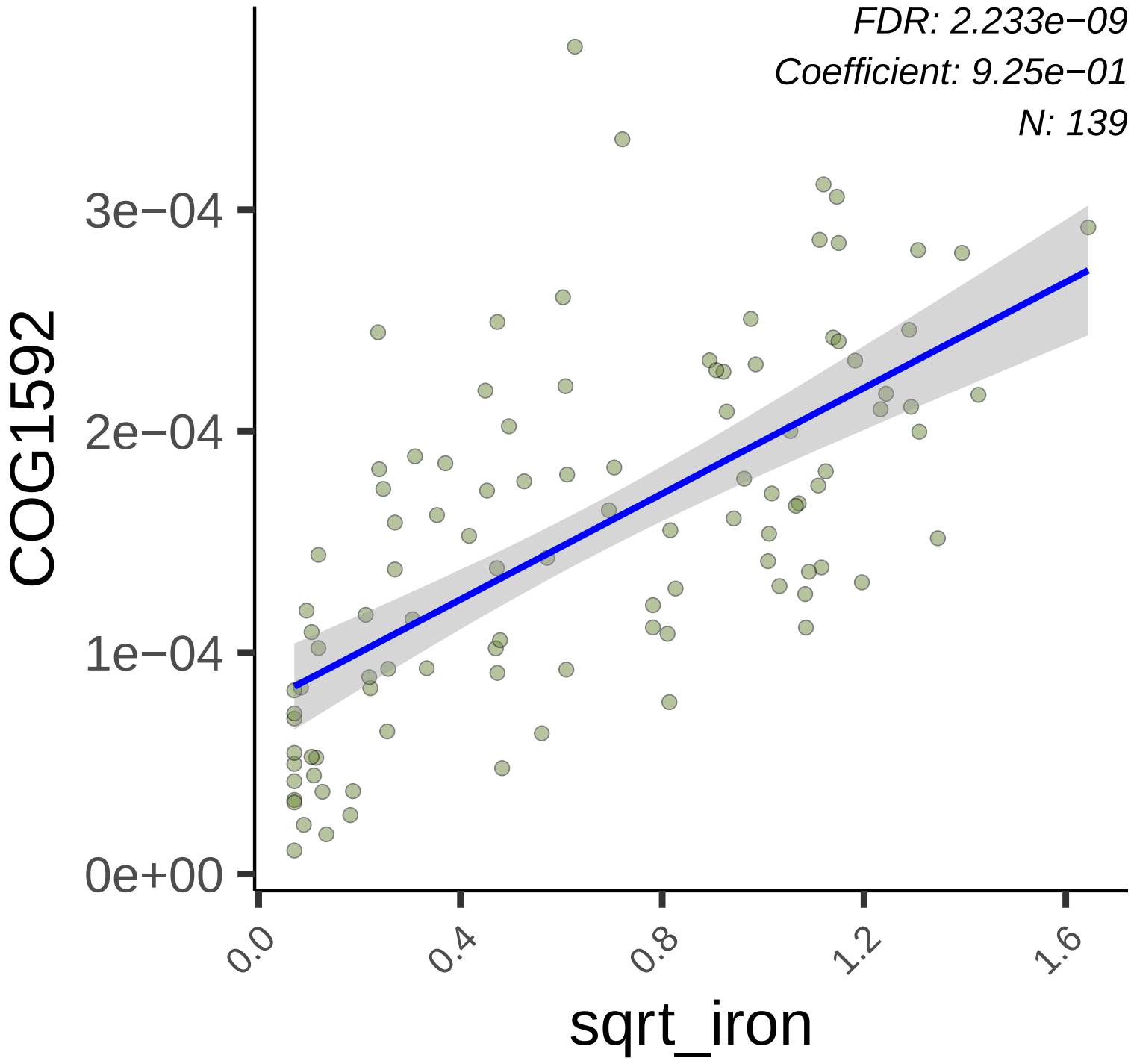
sqrt_iron


FDR: 2.233e−09
Coefficient: 9.25e−01
N: 139
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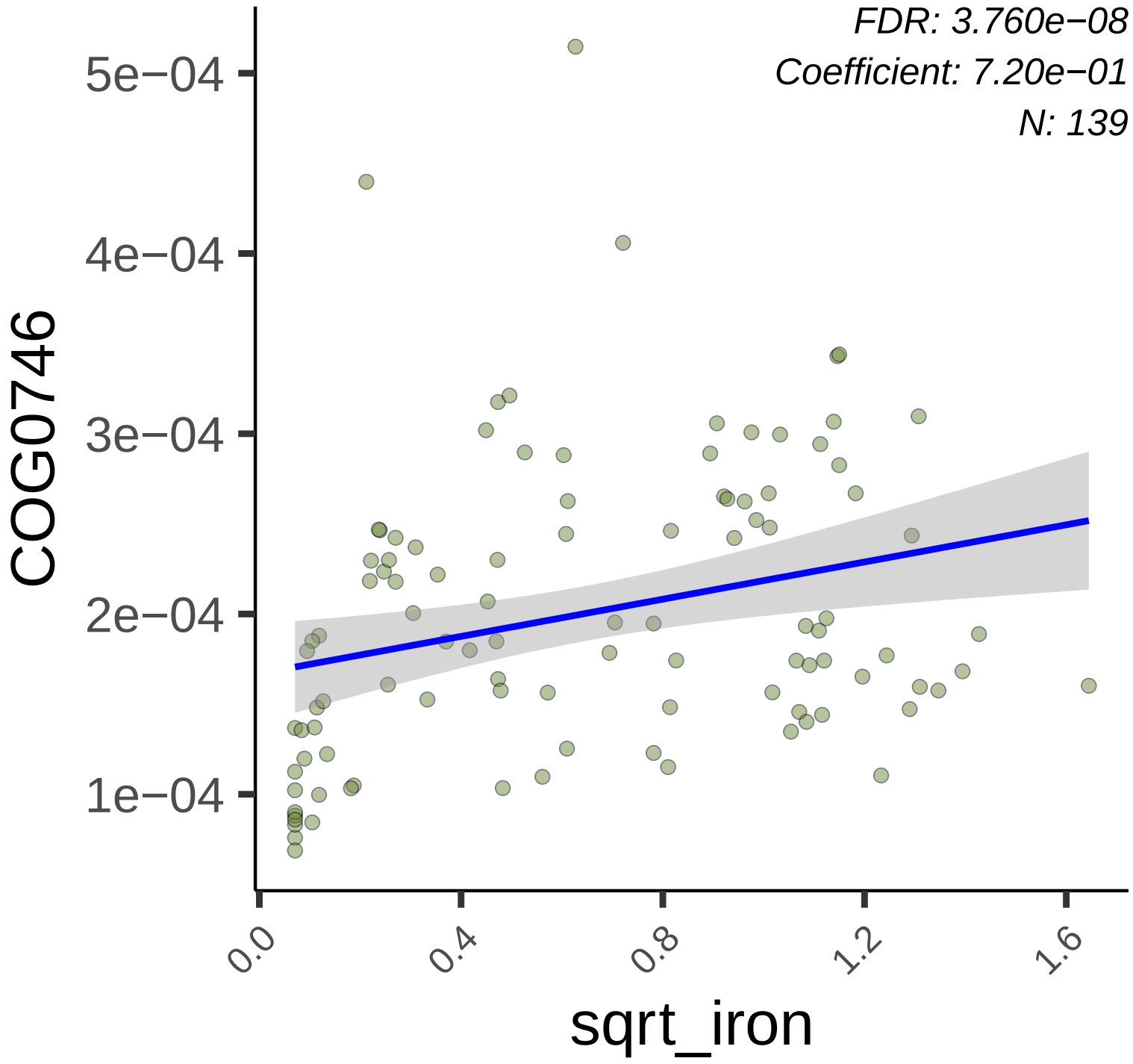
1.2
1.6
sqrt_iron


FDR: 3.760e−08
Coefficient: 7.20e−01
N: 139
COG0746
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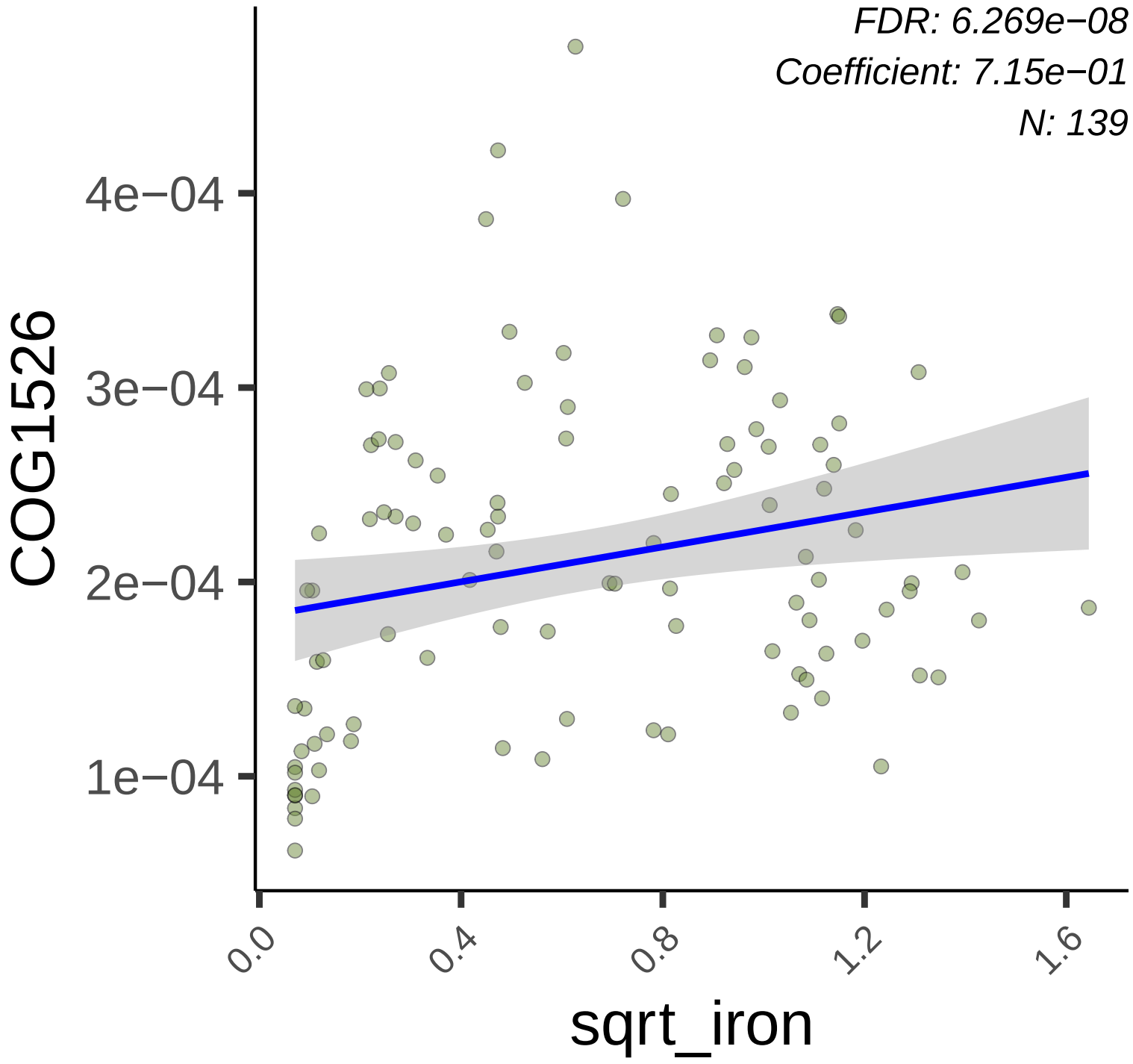
sqrt_iron


FDR: 6.269e−08
Coefficient: 7.15e−01
N: 139
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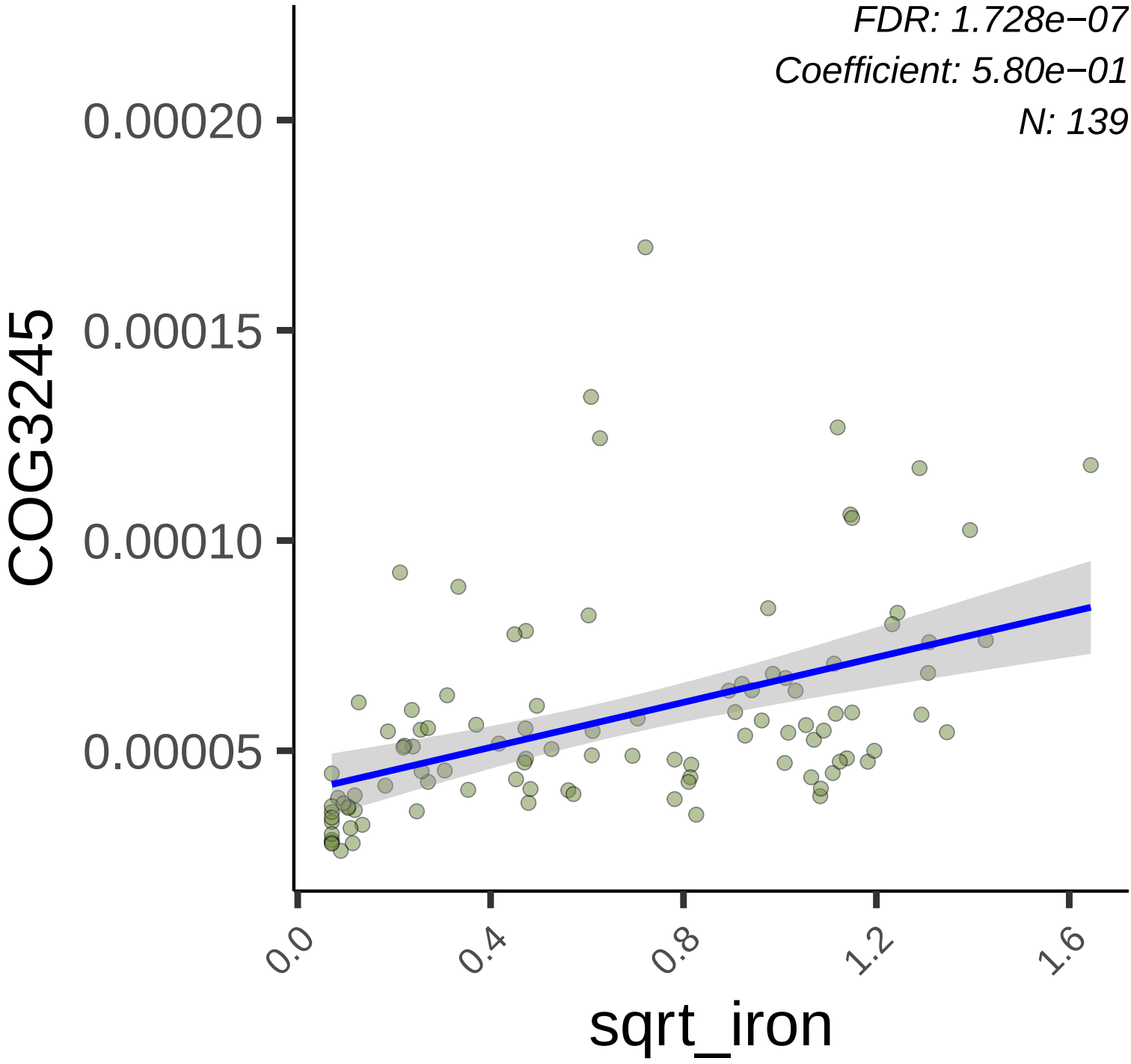
sqrt_iron


FDR: 1.728e−07
Coefficient: 5.80e−01
N: 139
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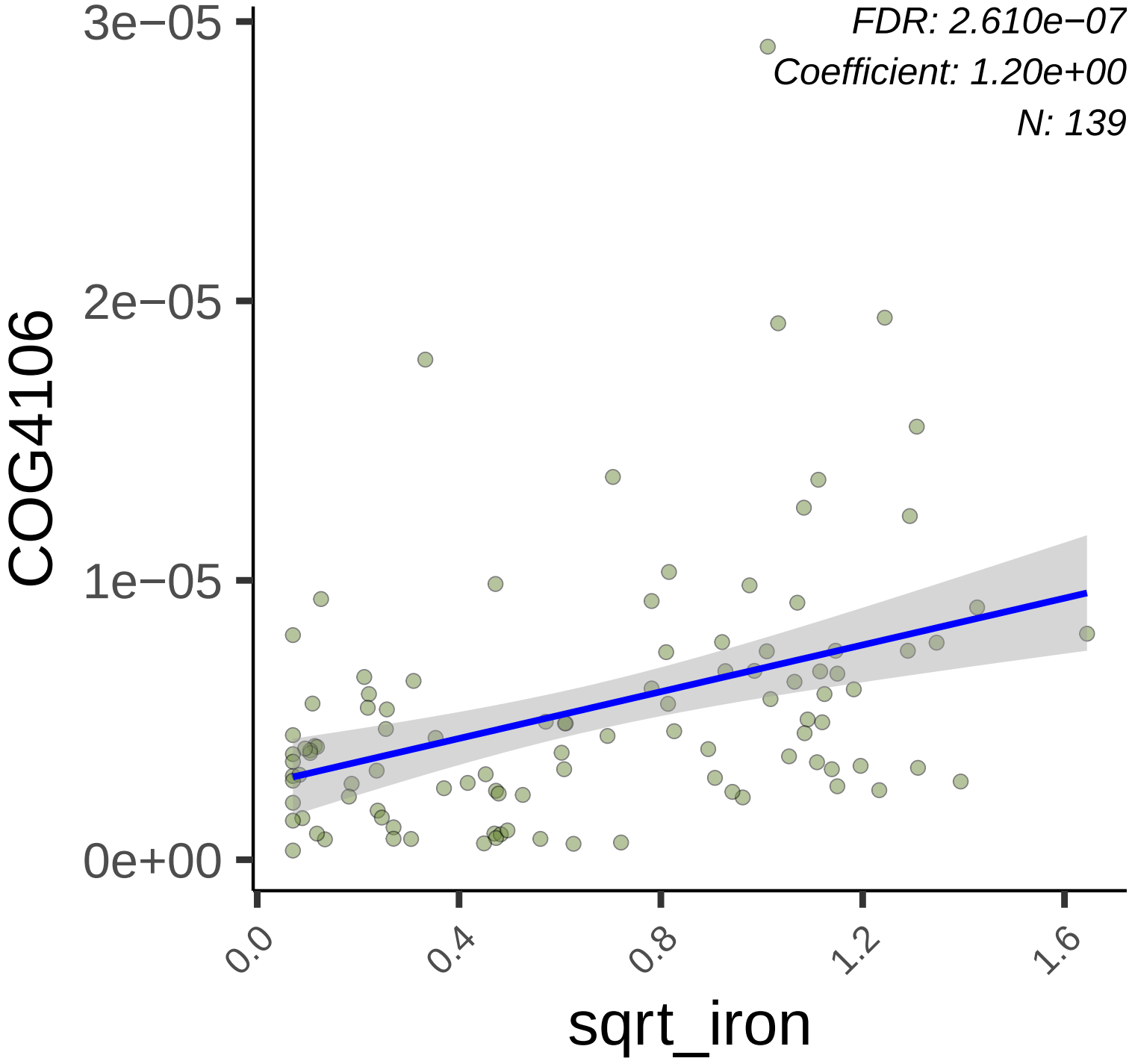
sqrt_iron


FDR: 2.610e−07
Coefficient: 1.20e+00
N: 139
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COG4106
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0.4
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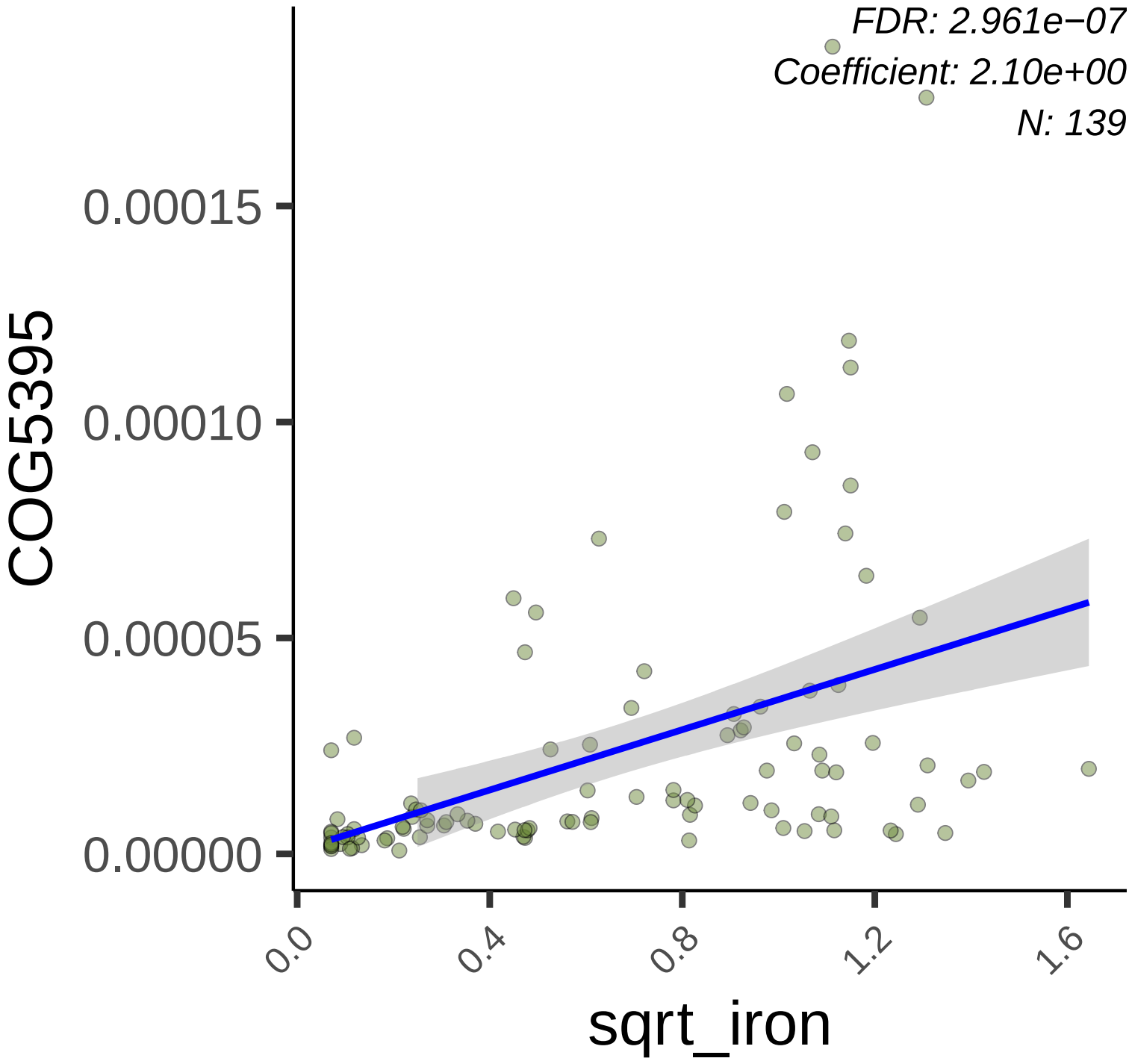
sqrt_iron


FDR: 2.961e−07
Coefficient: 2.10e+00
N: 139
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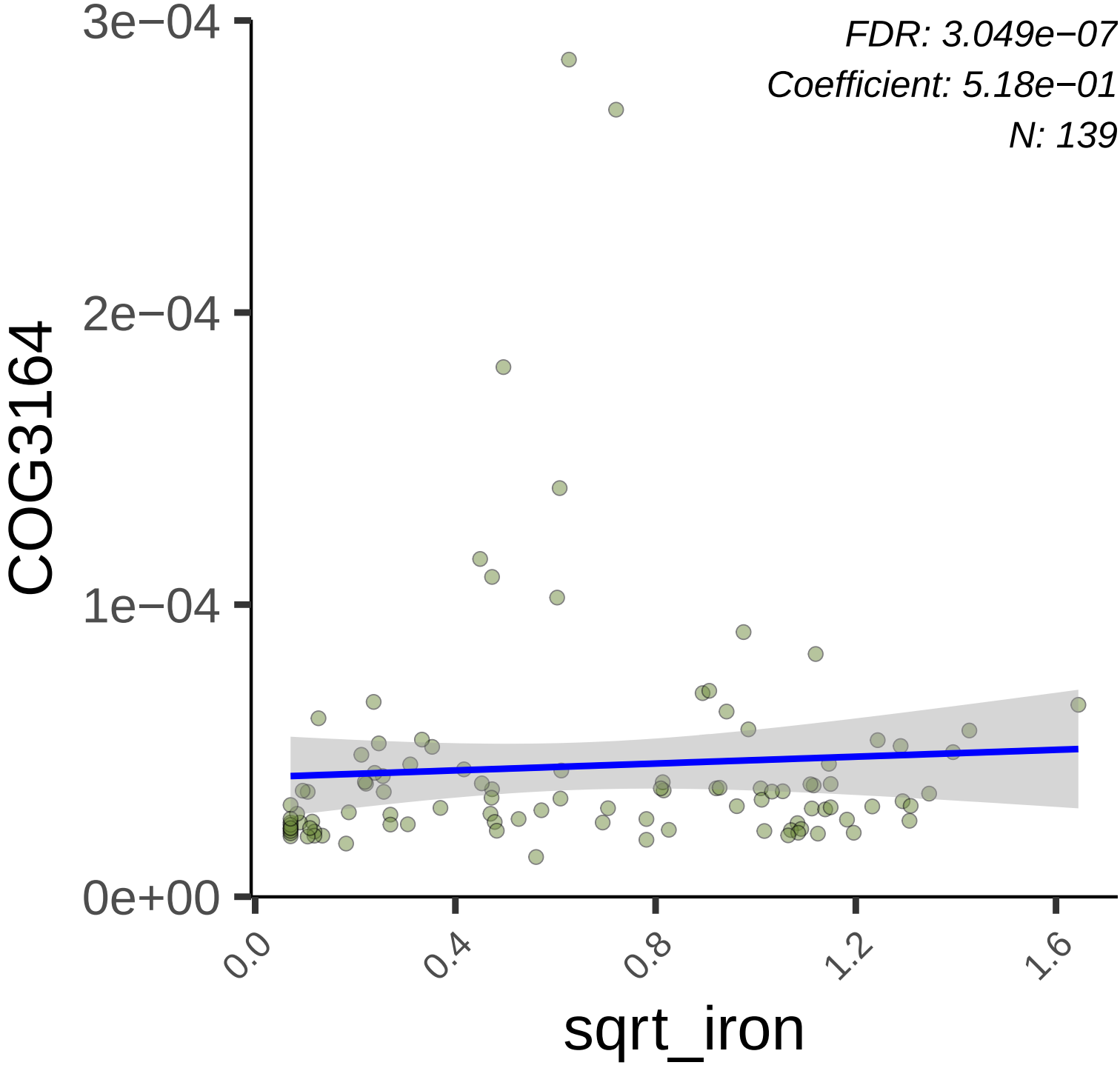
1.6
sqrt_iron


FDR: 3.049e−07
Coefficient: 5.18e−01
N: 139
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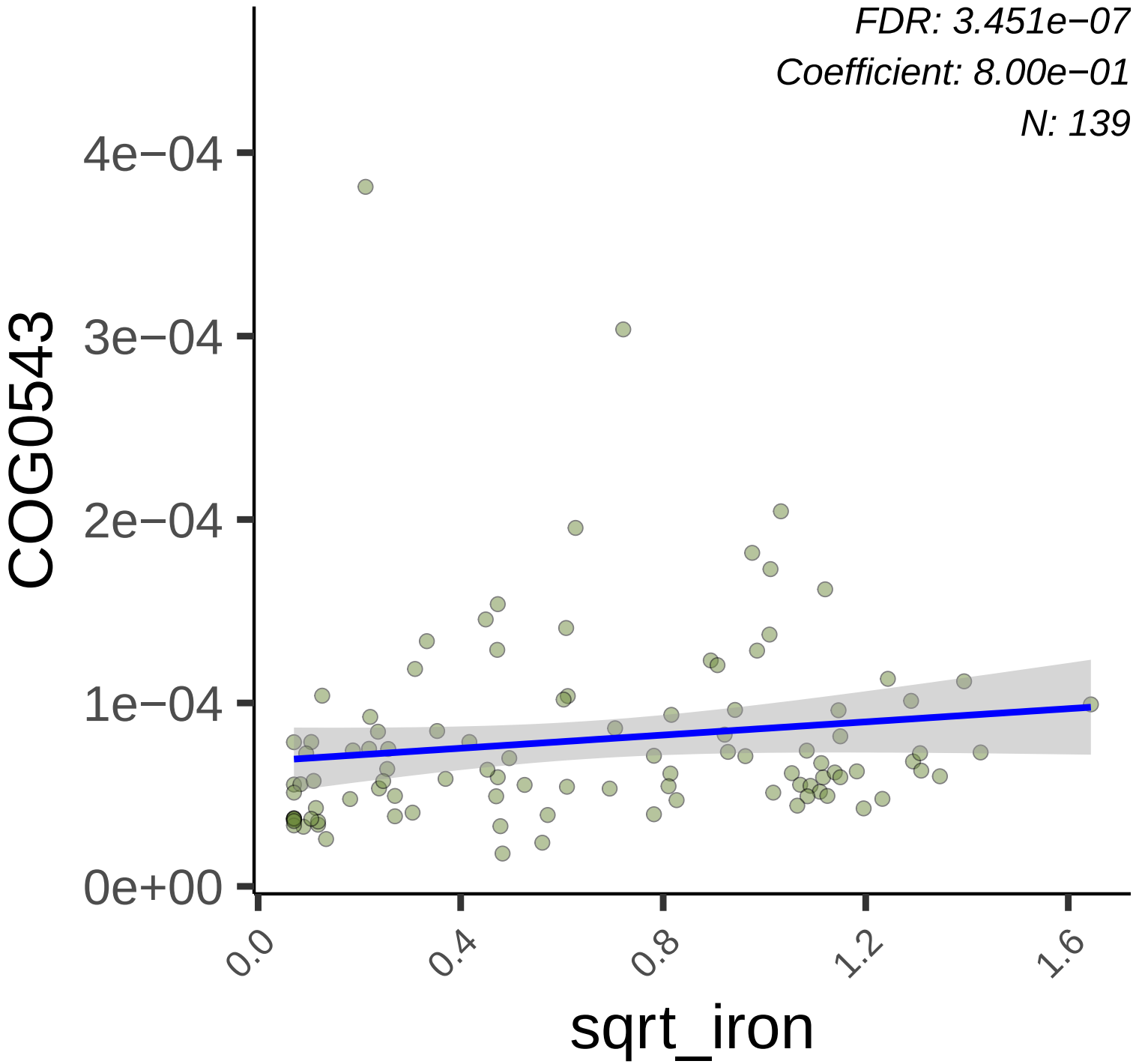
1.6
sqrt_iron


FDR: 3.451e−07
Coefficient: 8.00e−01
N: 139
COG0543
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2e−04
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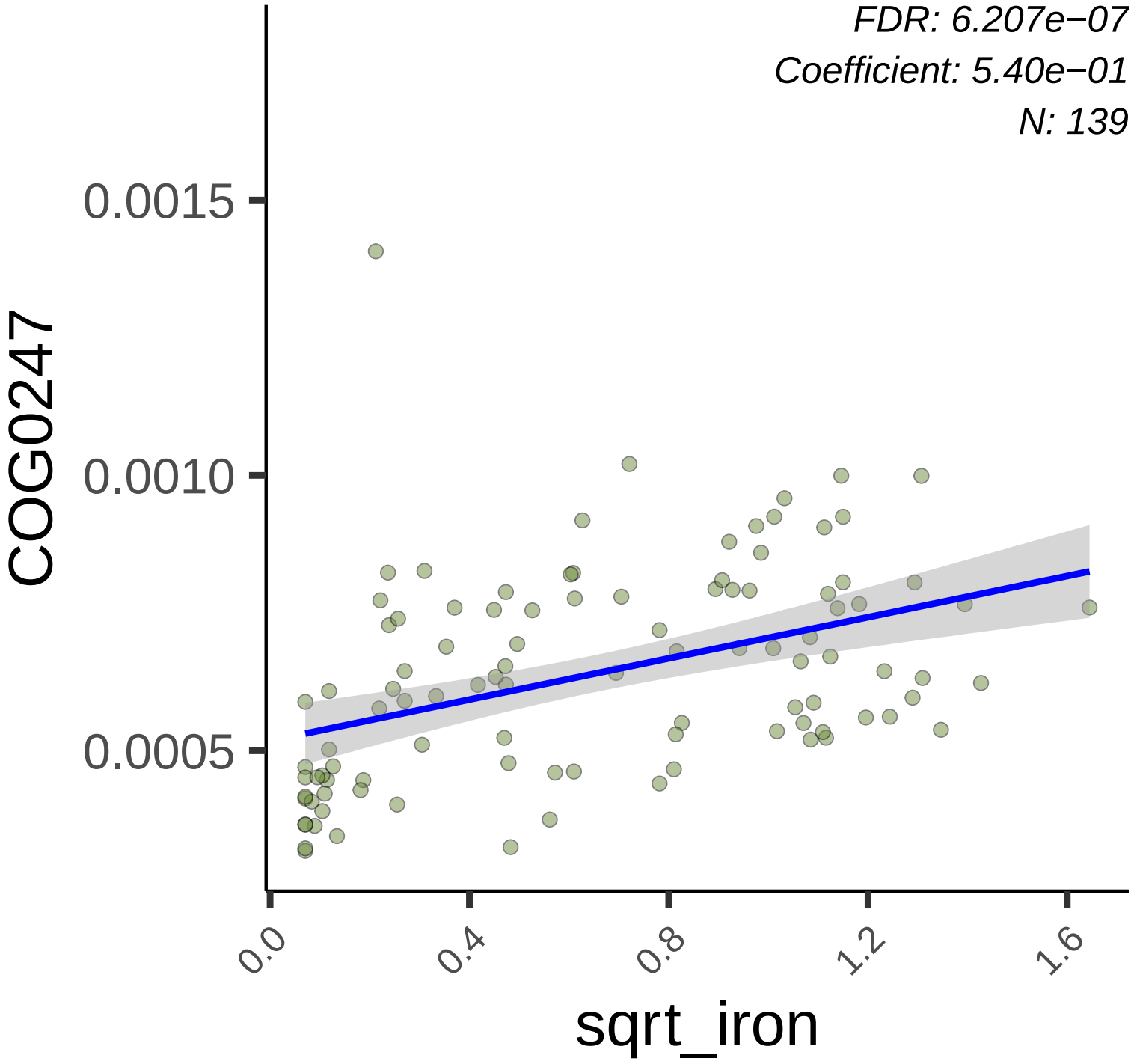
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 6.207e−07
Coefficient: 5.40e−01
N: 139
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COG0247
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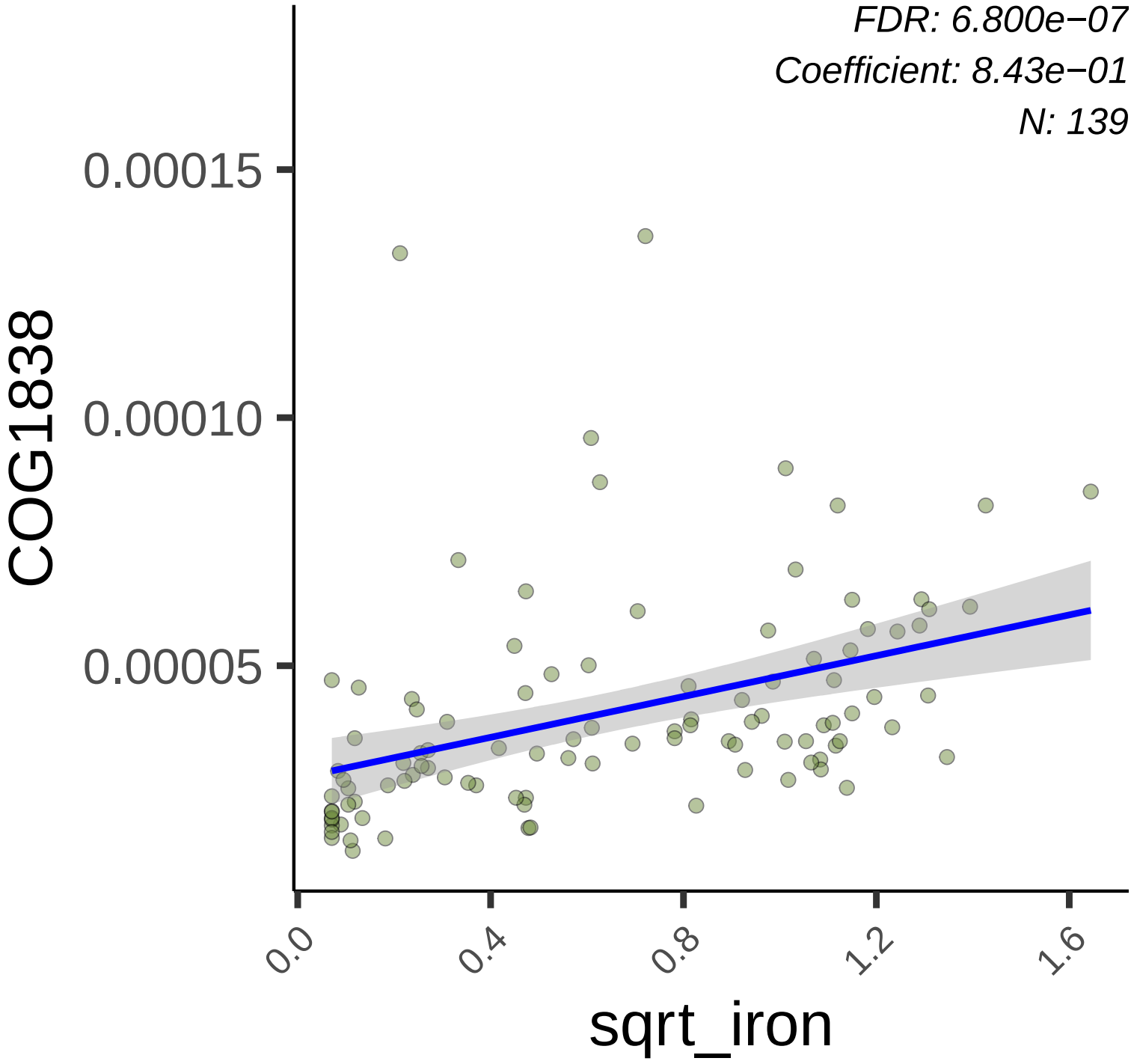
1.6
sqrt_iron


FDR: 6.800e−07
Coefficient: 8.43e−01
N: 139
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0.4
0.8
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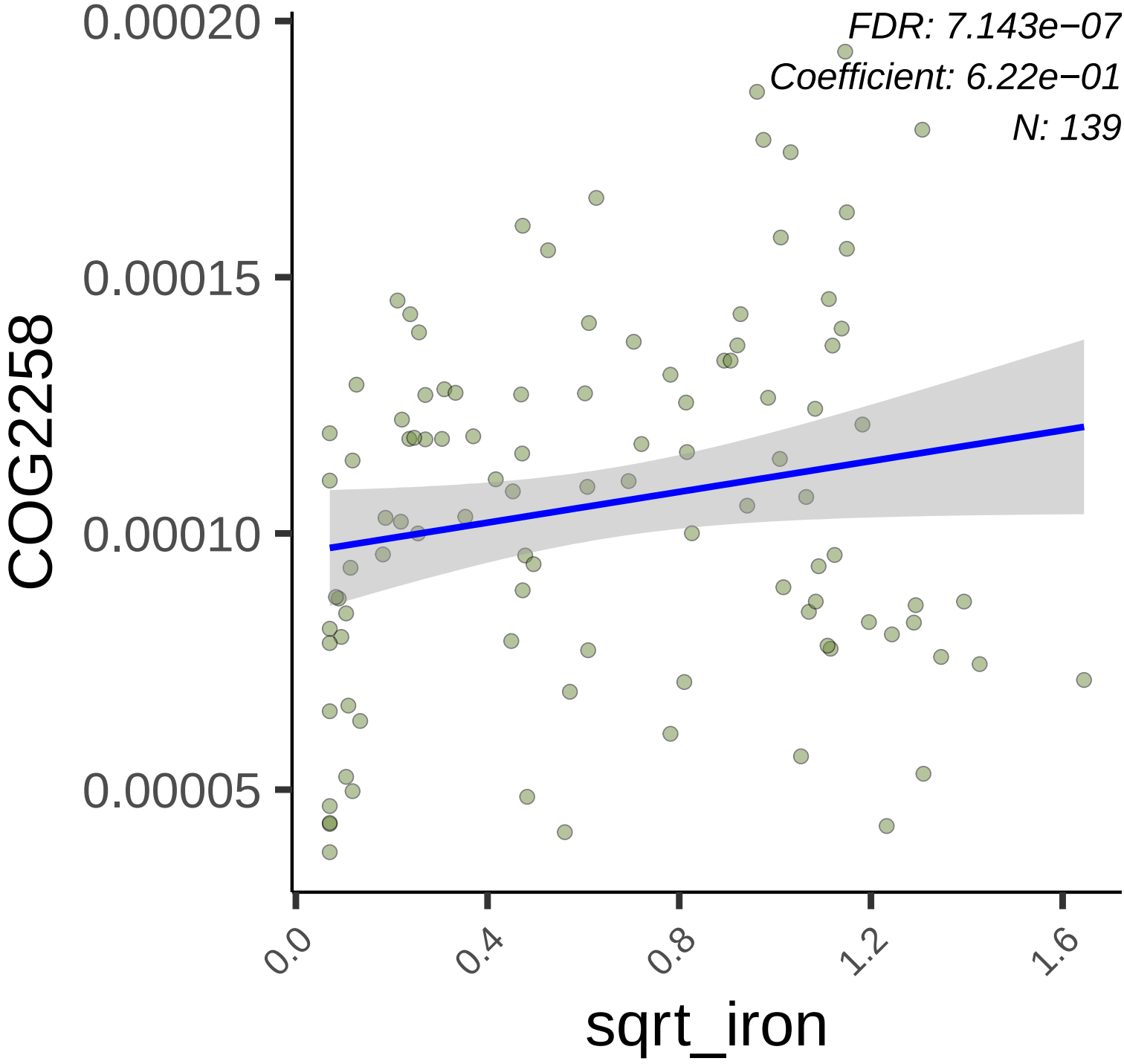
1.6
sqrt_iron


FDR: 7.143e−07
Coefficient: 6.22e−01
N: 139
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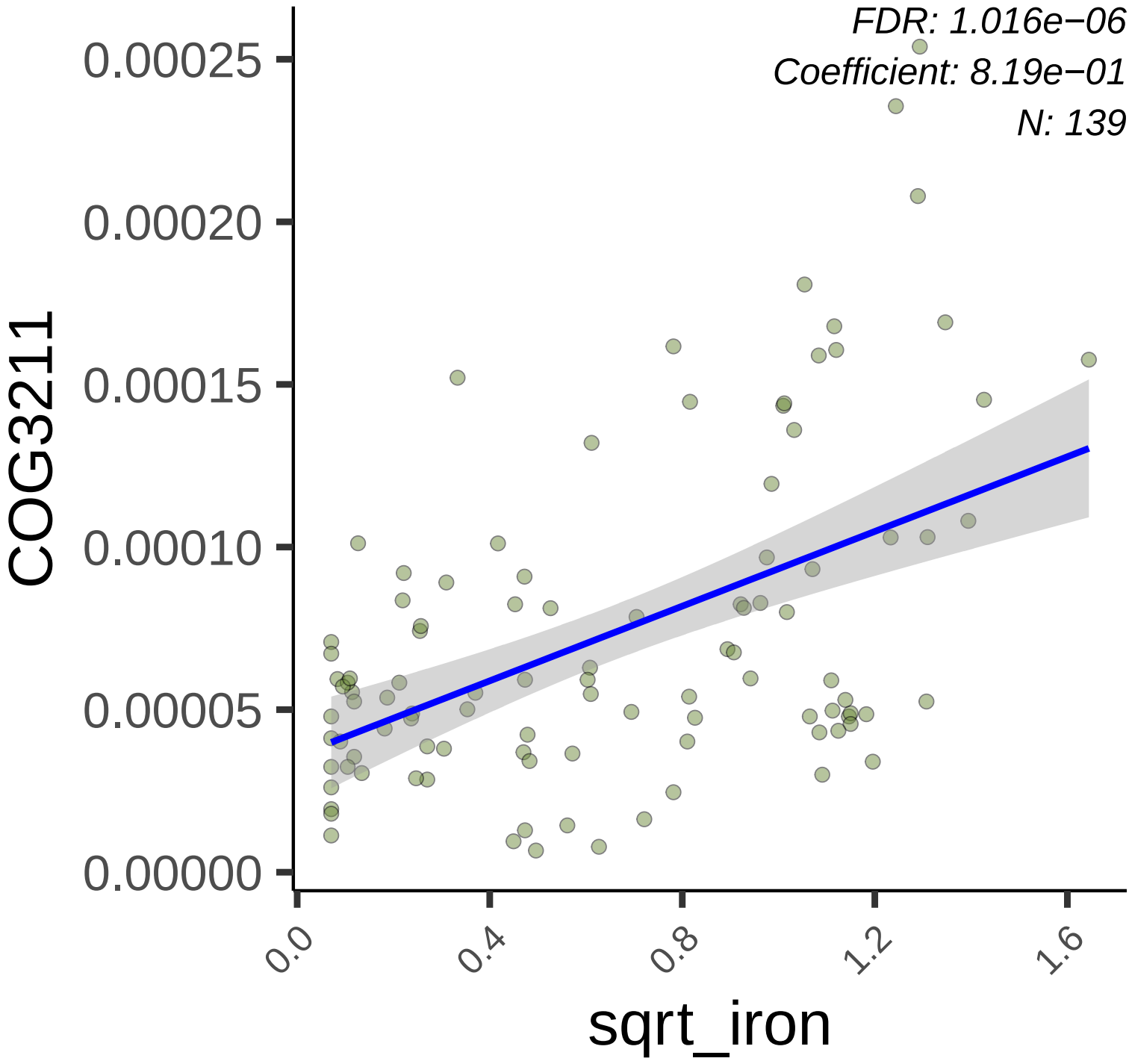
1.2
1.6
sqrt_iron


FDR: 1.016e−06
Coefficient: 8.19e−01
N: 139
COG3211
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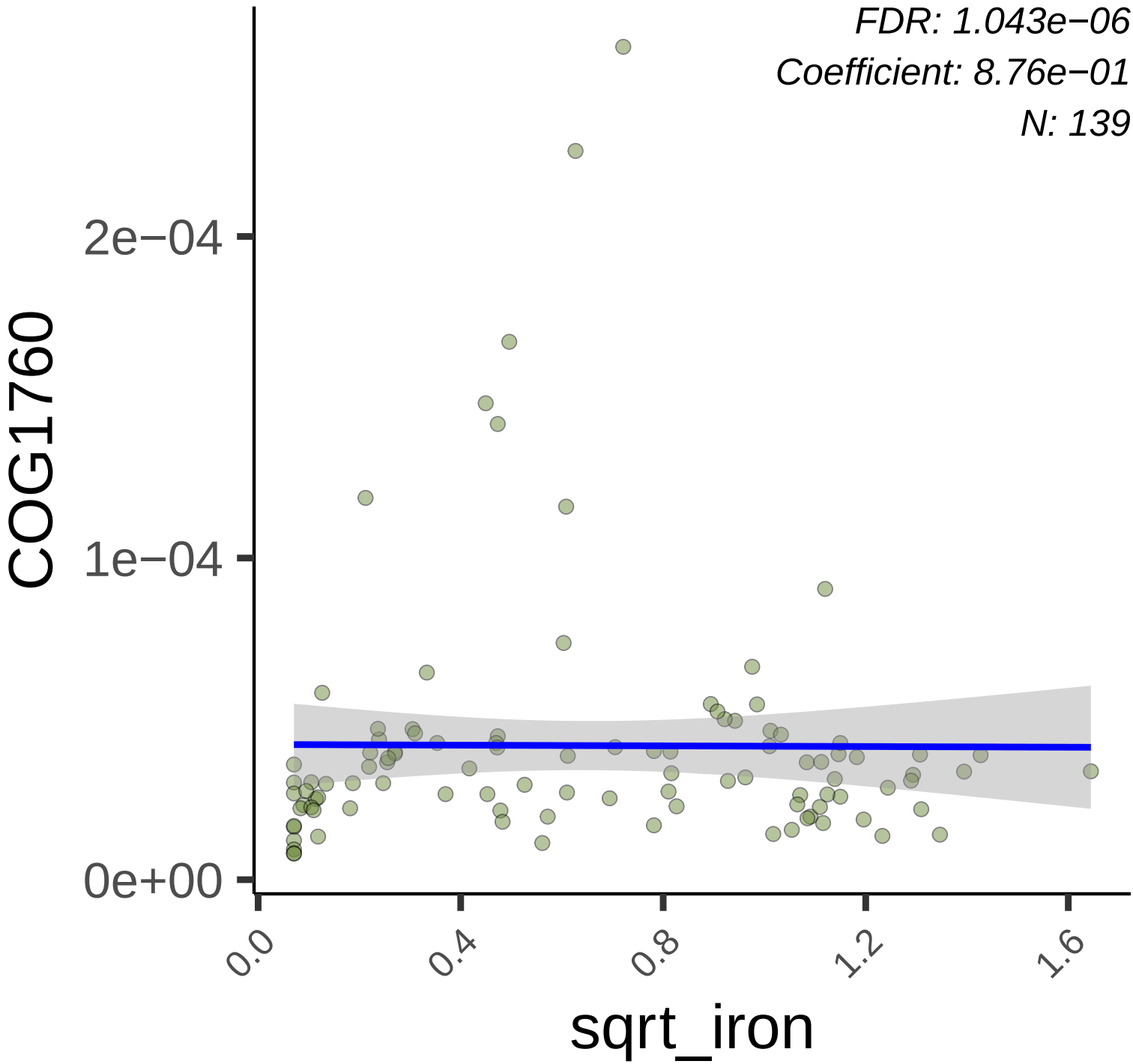
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.043e−06
Coefficient: 8.76e−01
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0.4
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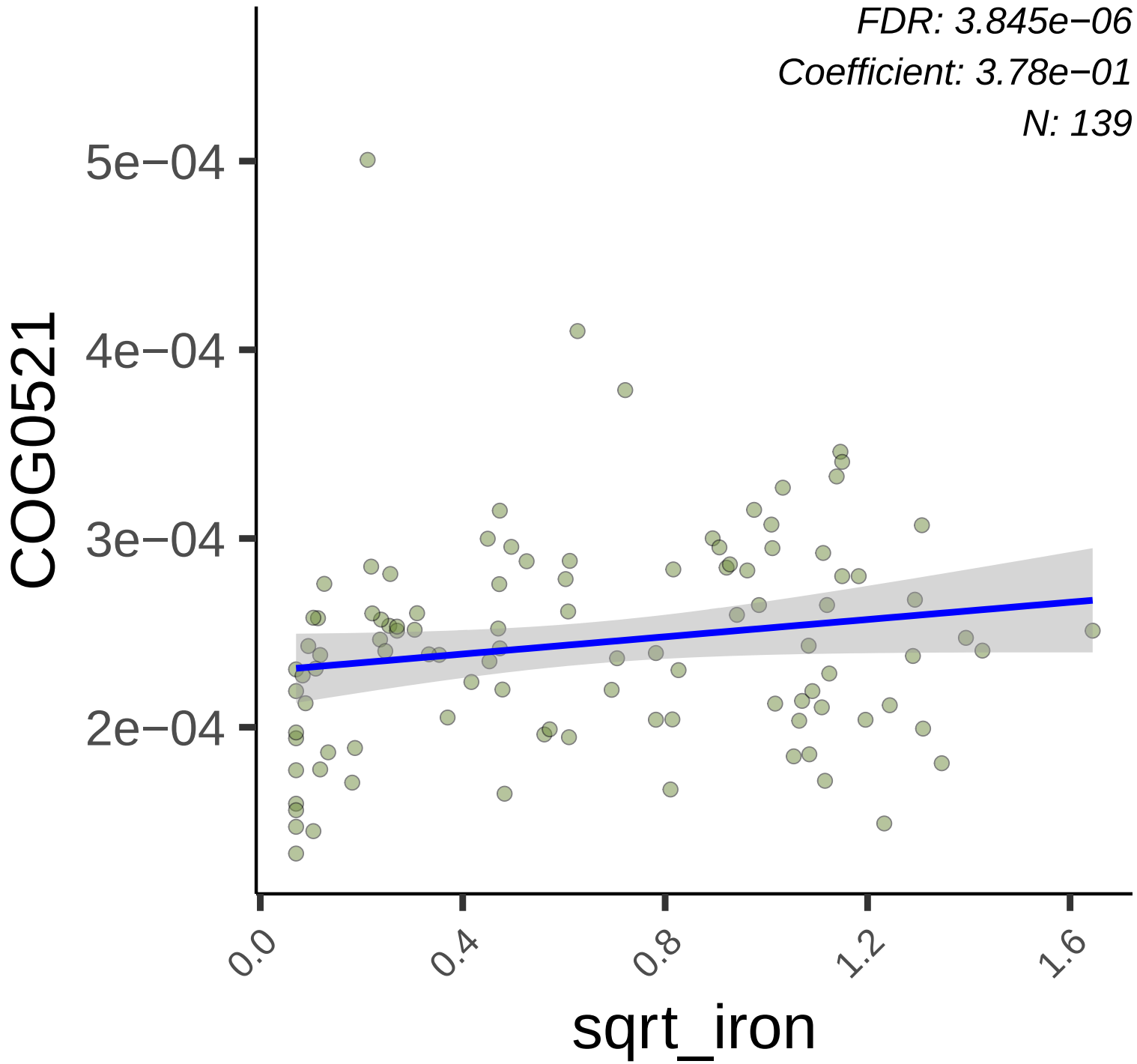
1.2
1.6
sqrt_iron


FDR: 3.845e−06
Coefficient: 3.78e−01
N: 139
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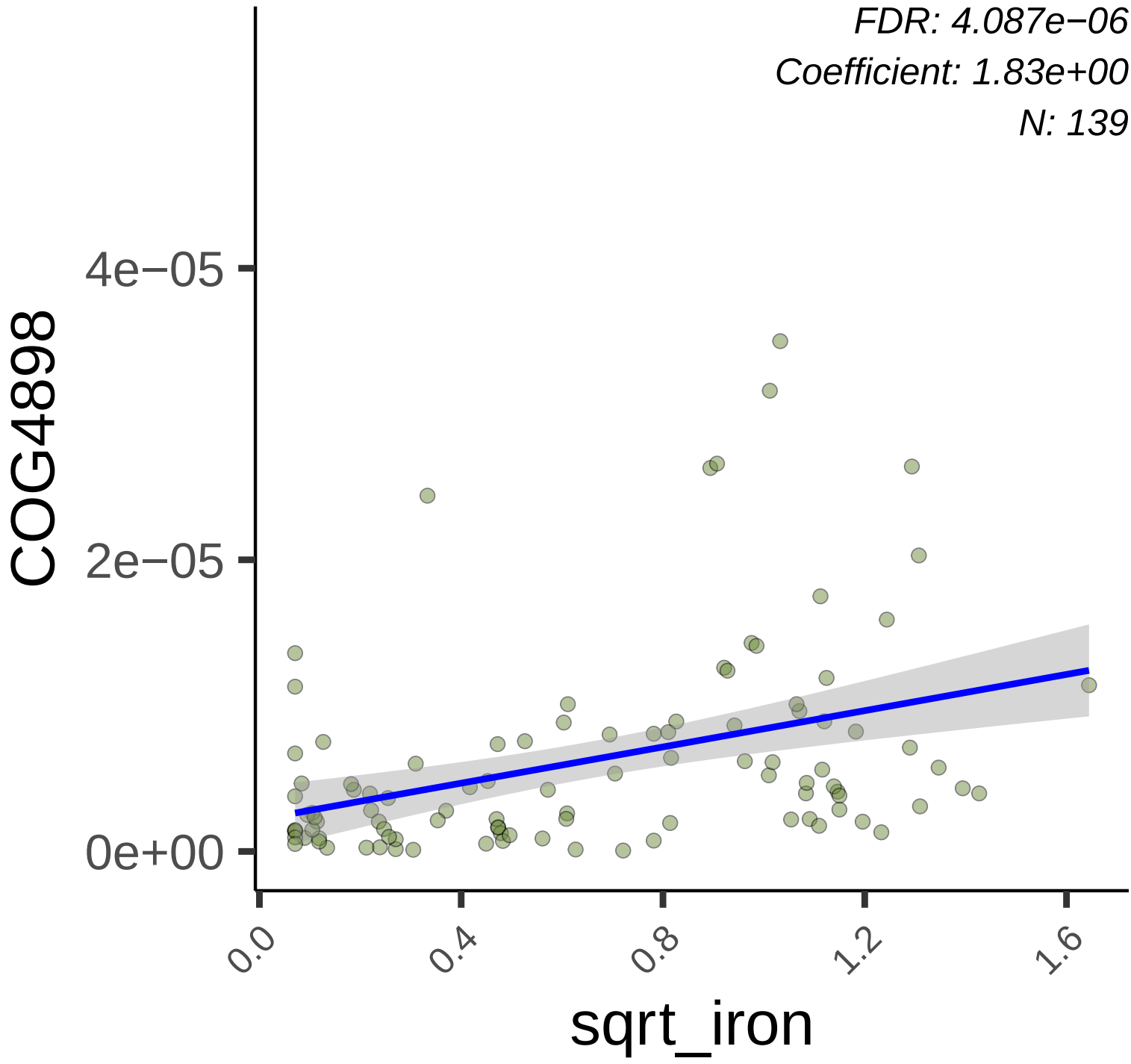
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.087e−06
Coefficient: 1.83e+00
N: 139
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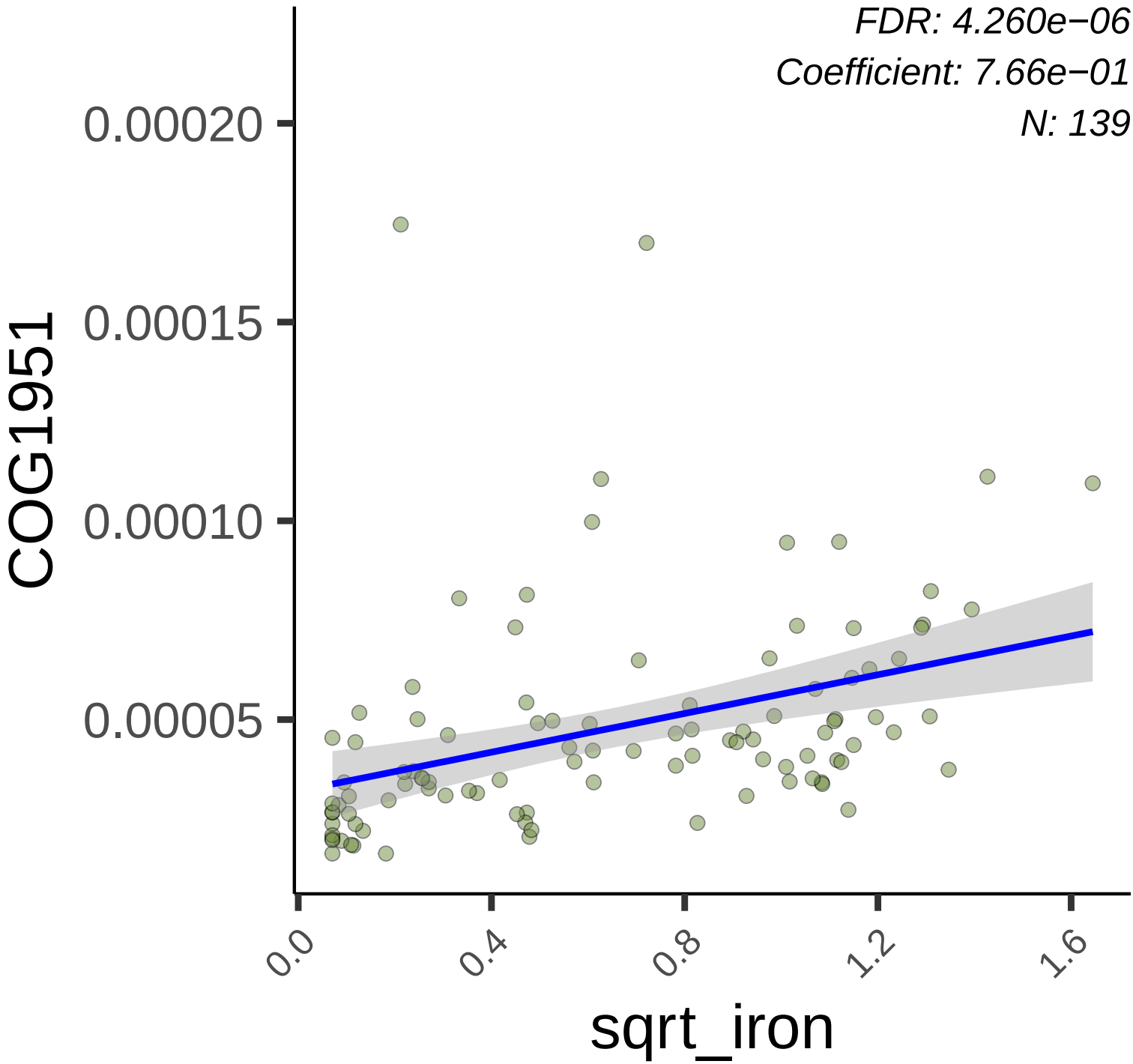
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.260e−06
Coefficient: 7.66e−01
N: 139
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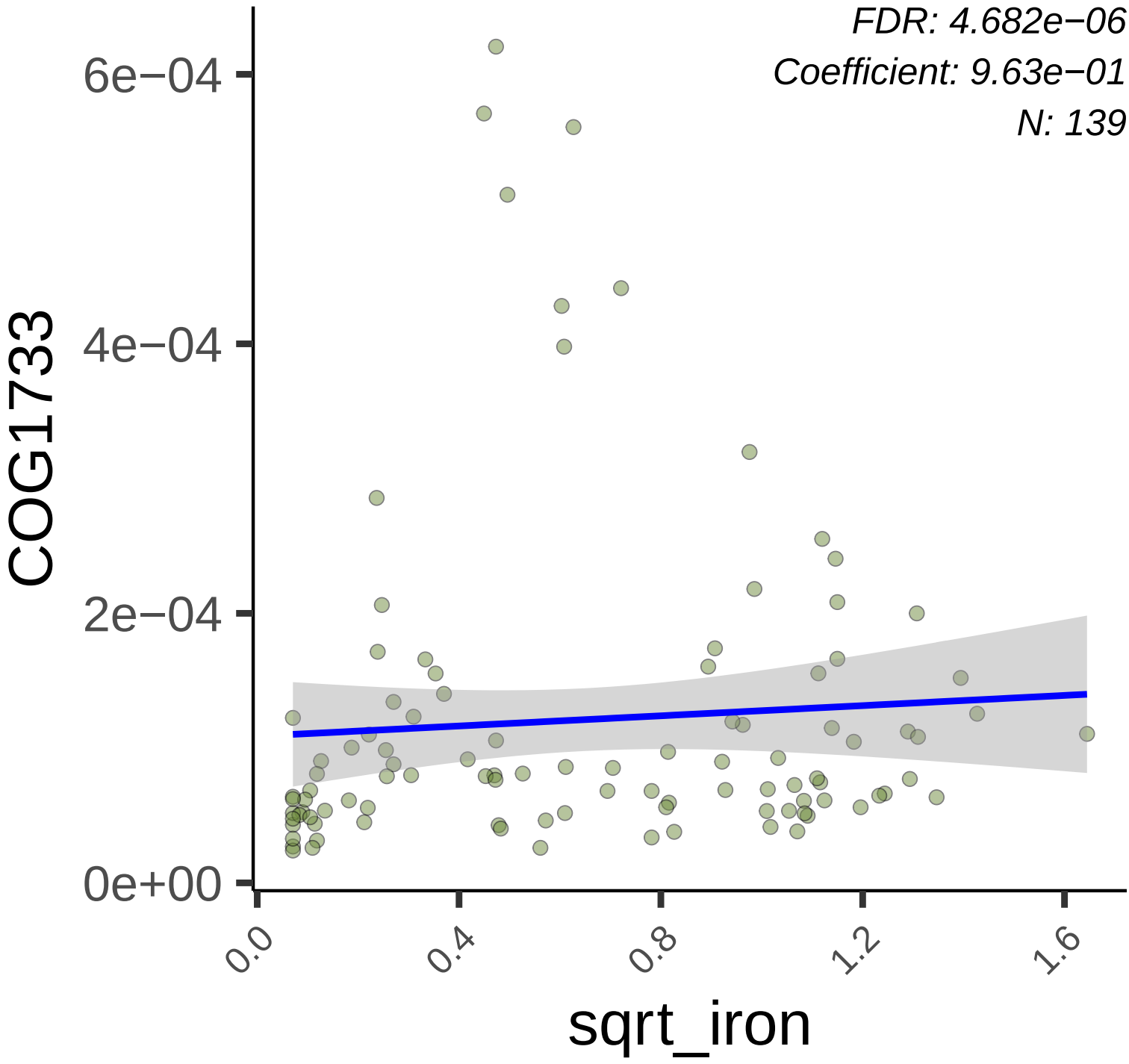
1.6
sqrt_iron


FDR: 4.682e−06
Coefficient: 9.63e−01
N: 139
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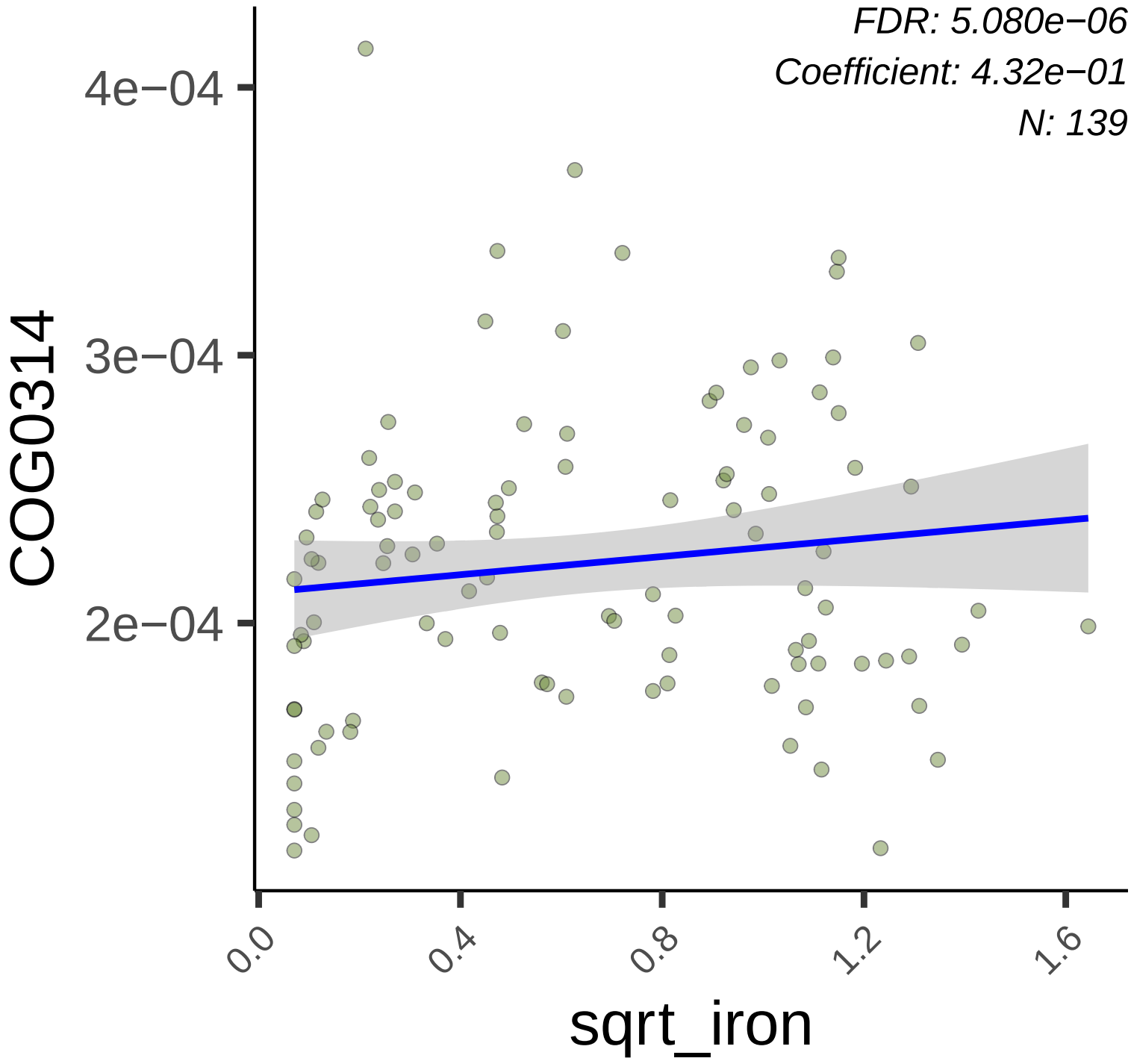
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 5.080e−06
Coefficient: 4.32e−01
N: 139
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COG0314
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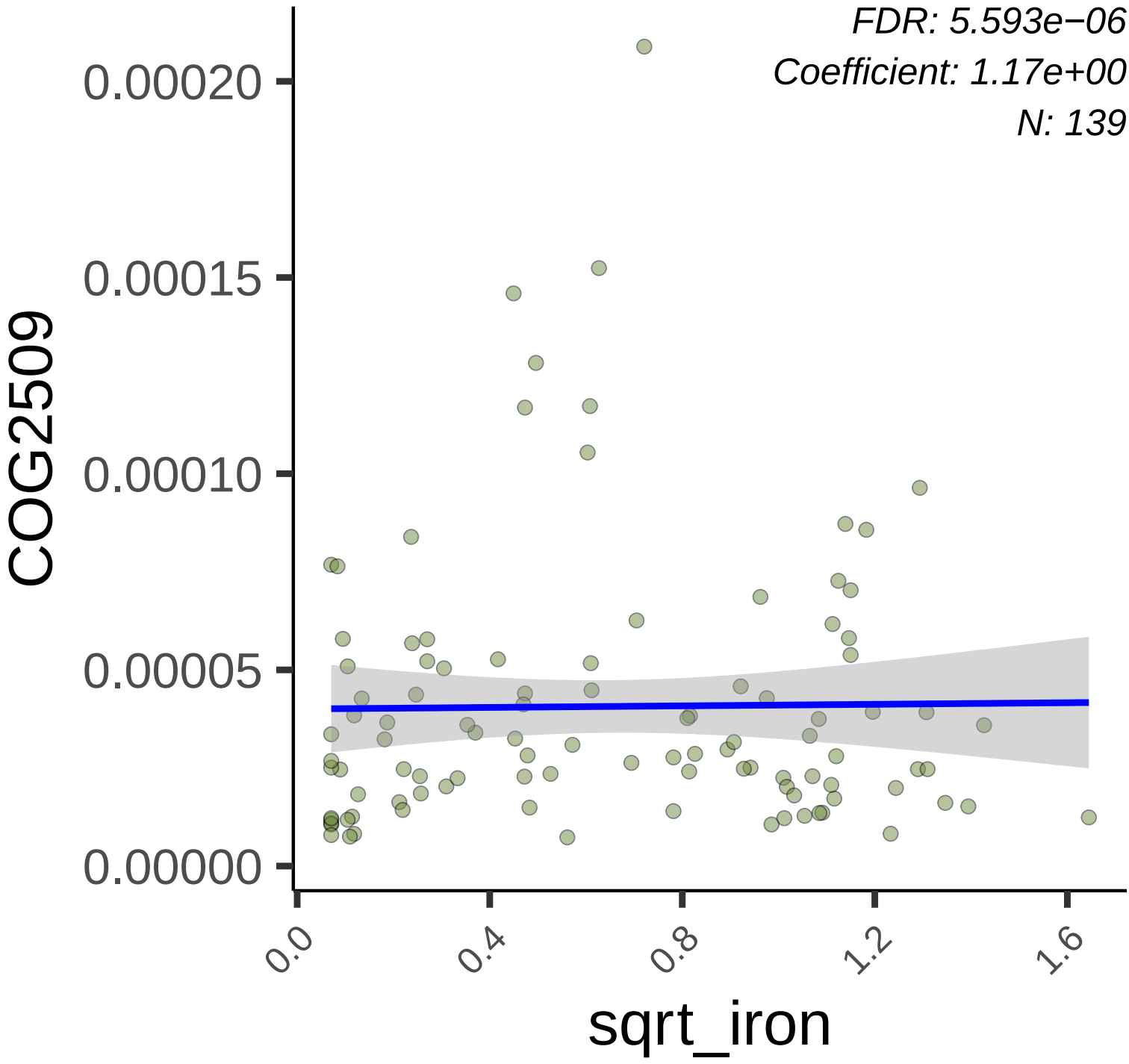
1.2
1.6
sqrt_iron


FDR: 5.593e−06
Coefficient: 1.17e+00
N: 139
COG2509
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0.4
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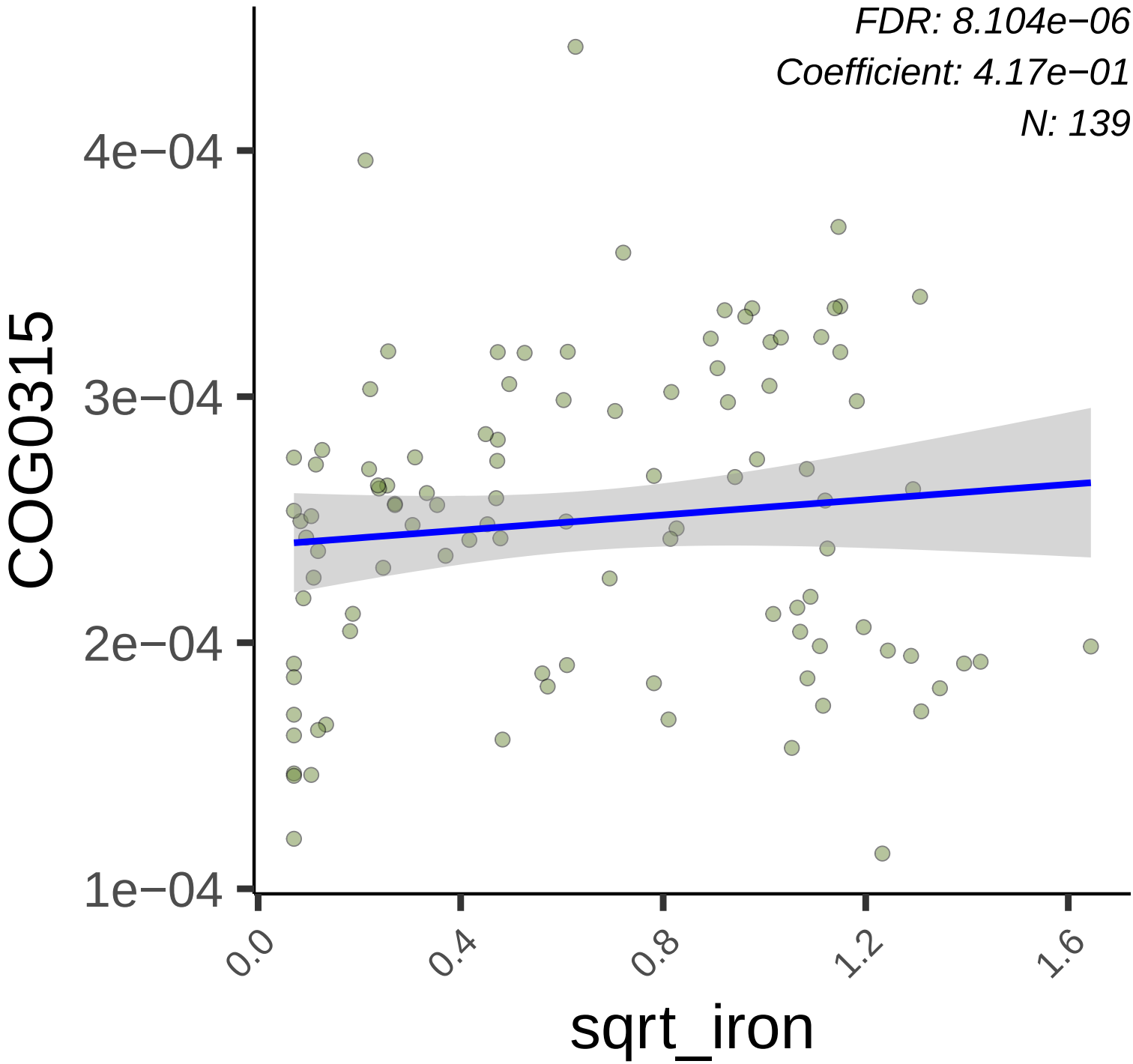
1.2
1.6
sqrt_iron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Coefficient: 4.17e−01
N: 139
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3e−04
2e−04
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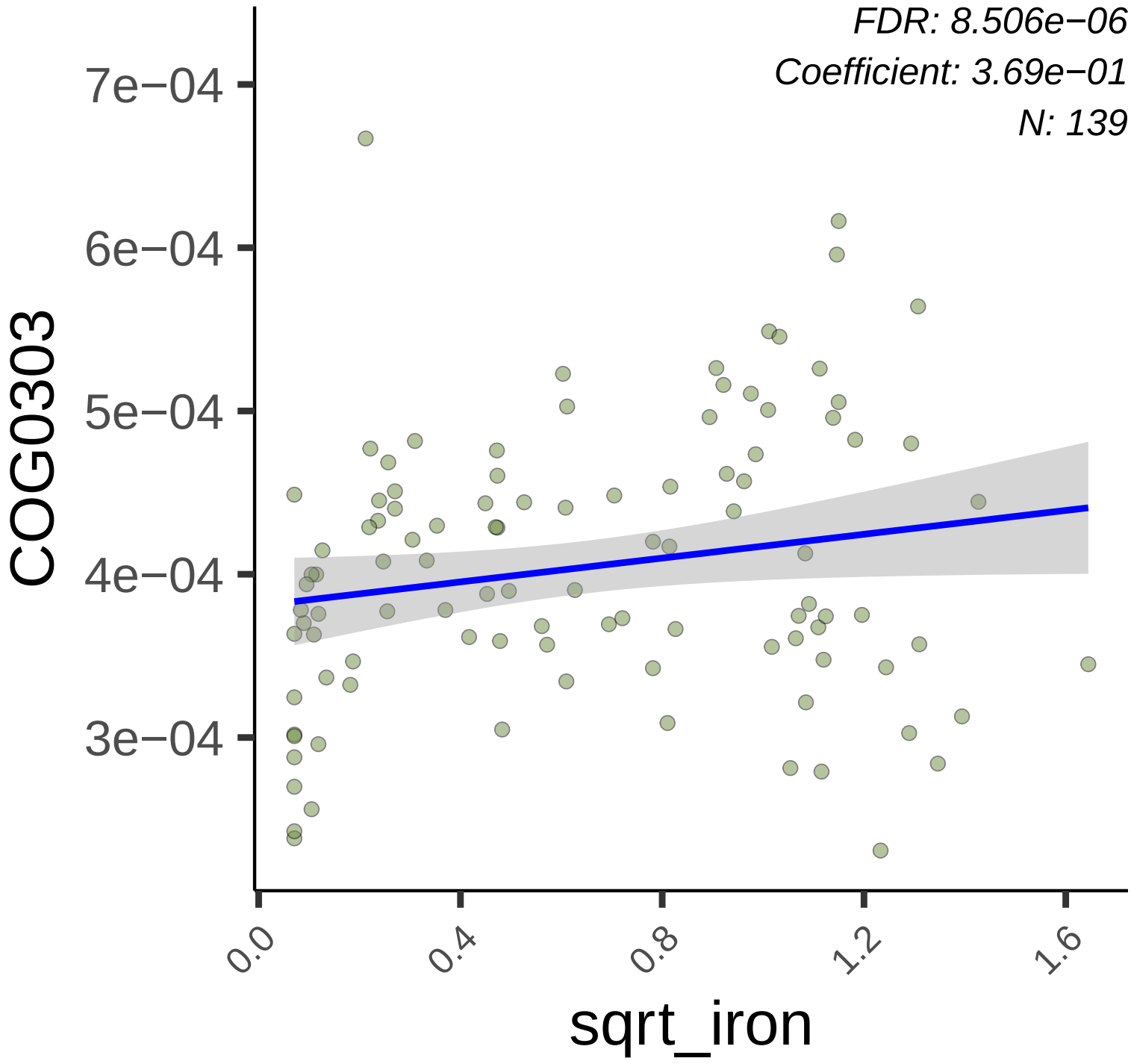
1.6
sqrt_iron


FDR: 8.506e−06
Coefficient: 3.69e−01
N: 139
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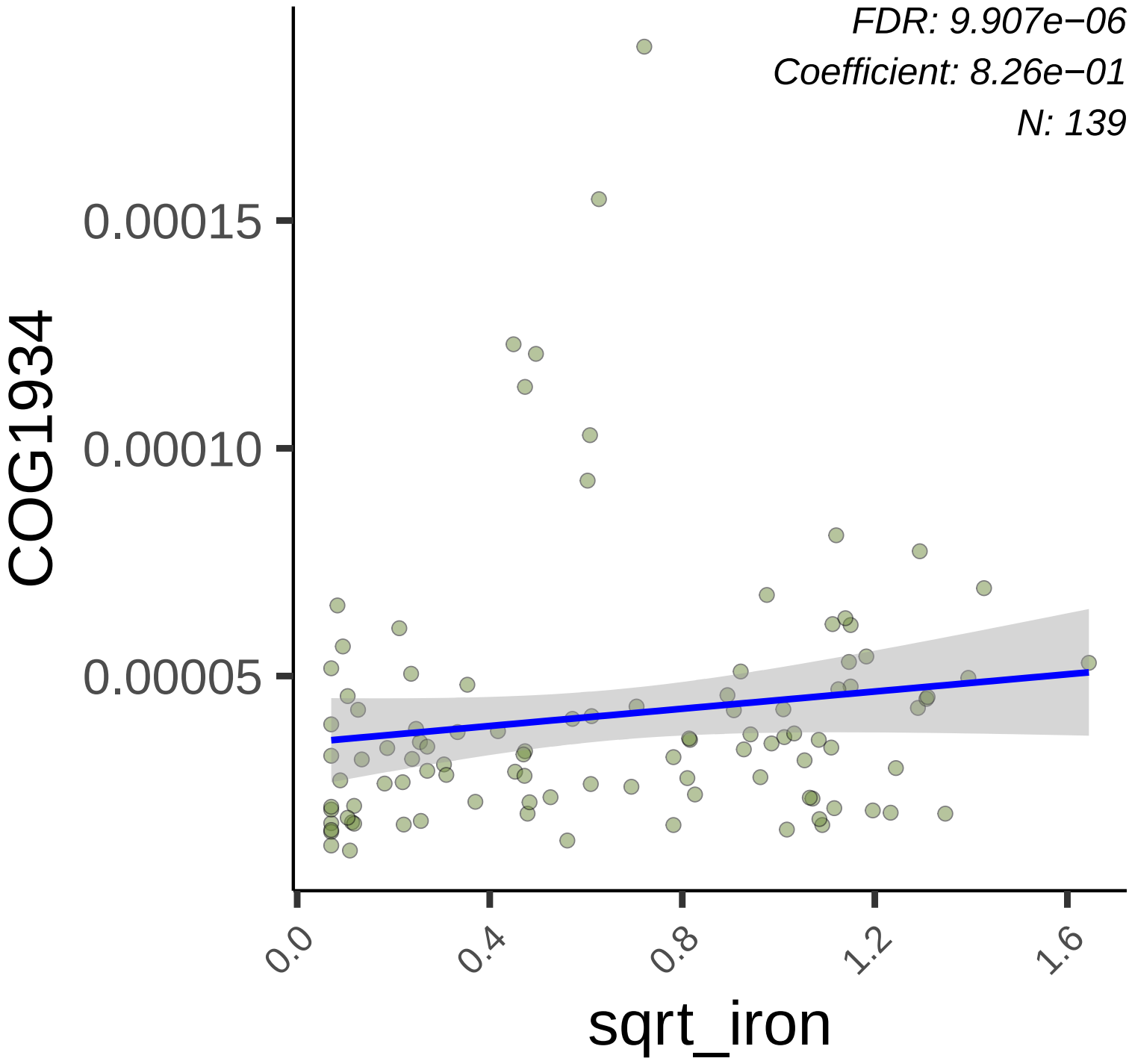
sqrt_iron


FDR: 9.907e−06
Coefficient: 8.26e−01
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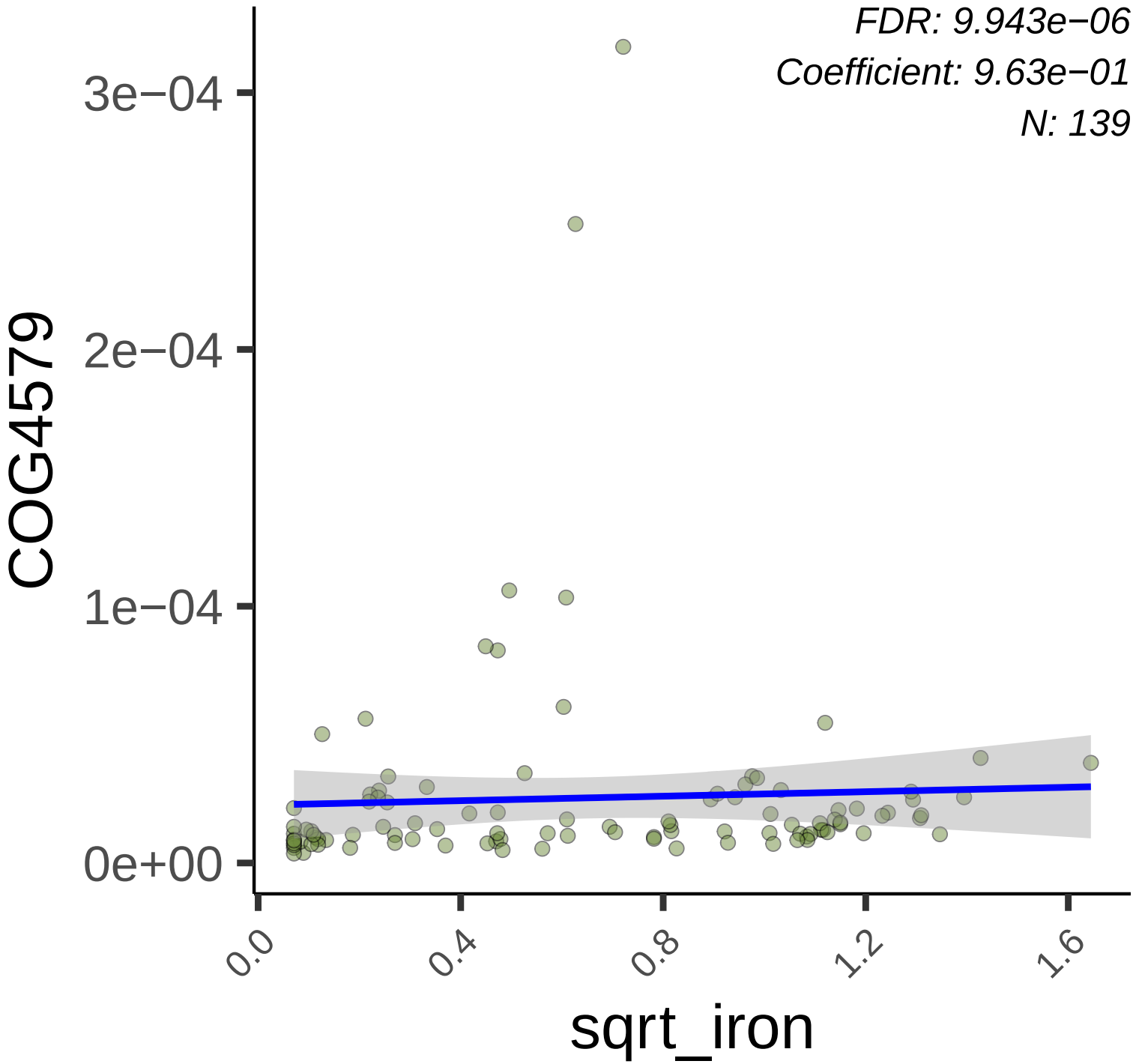
sqrt_iron


FDR: 9.943e−06
Coefficient: 9.63e−01
N: 139
COG4579
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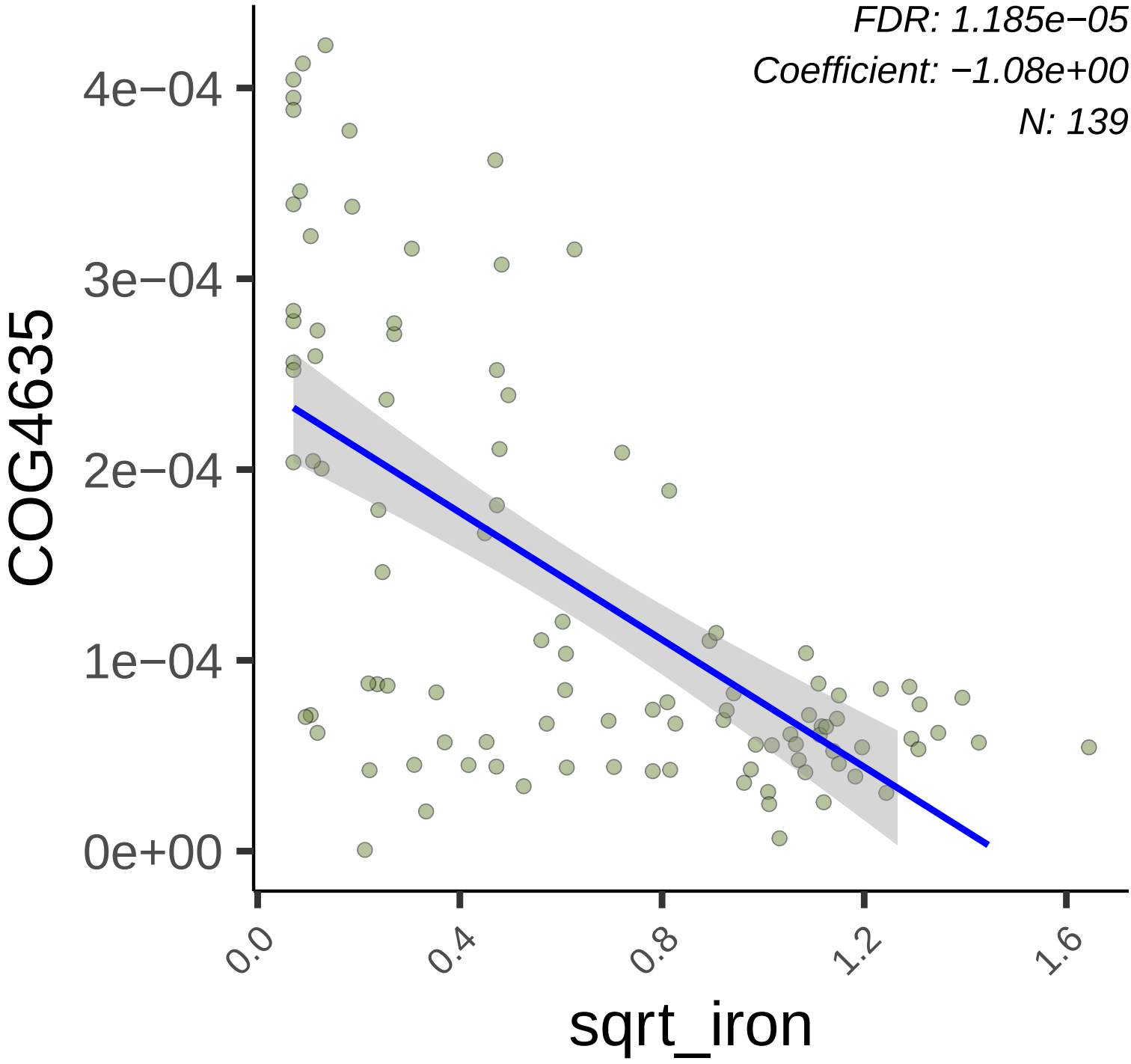
0.8
1.2
1.6
sqrt_iron


FDR: 1.185e−05
Coefficient: −1.08e+00
N: 139
COG4635
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2e−04
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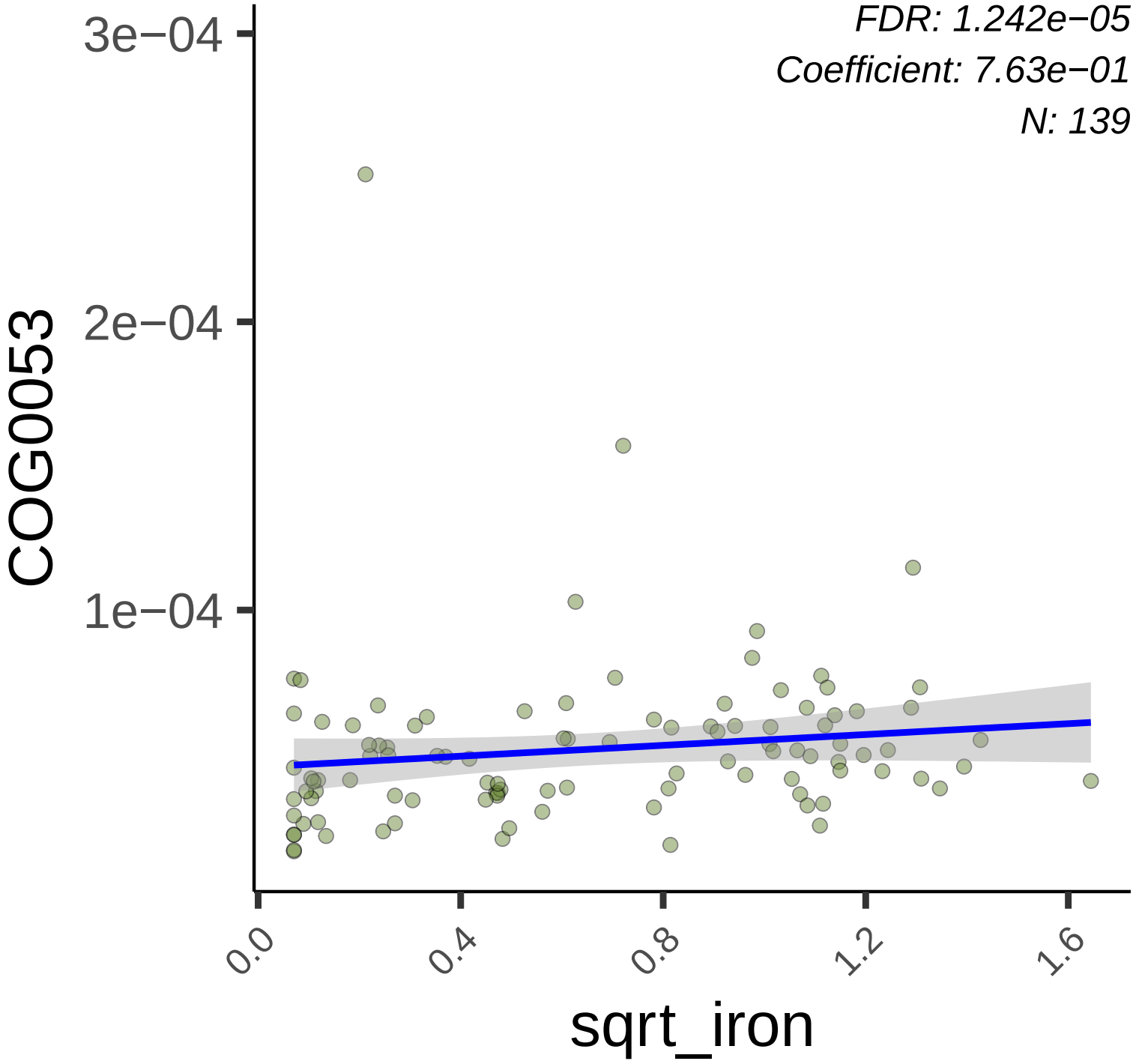
1.6
sqrt_iron


FDR: 1.242e−05
Coefficient: 7.63e−01
N: 139
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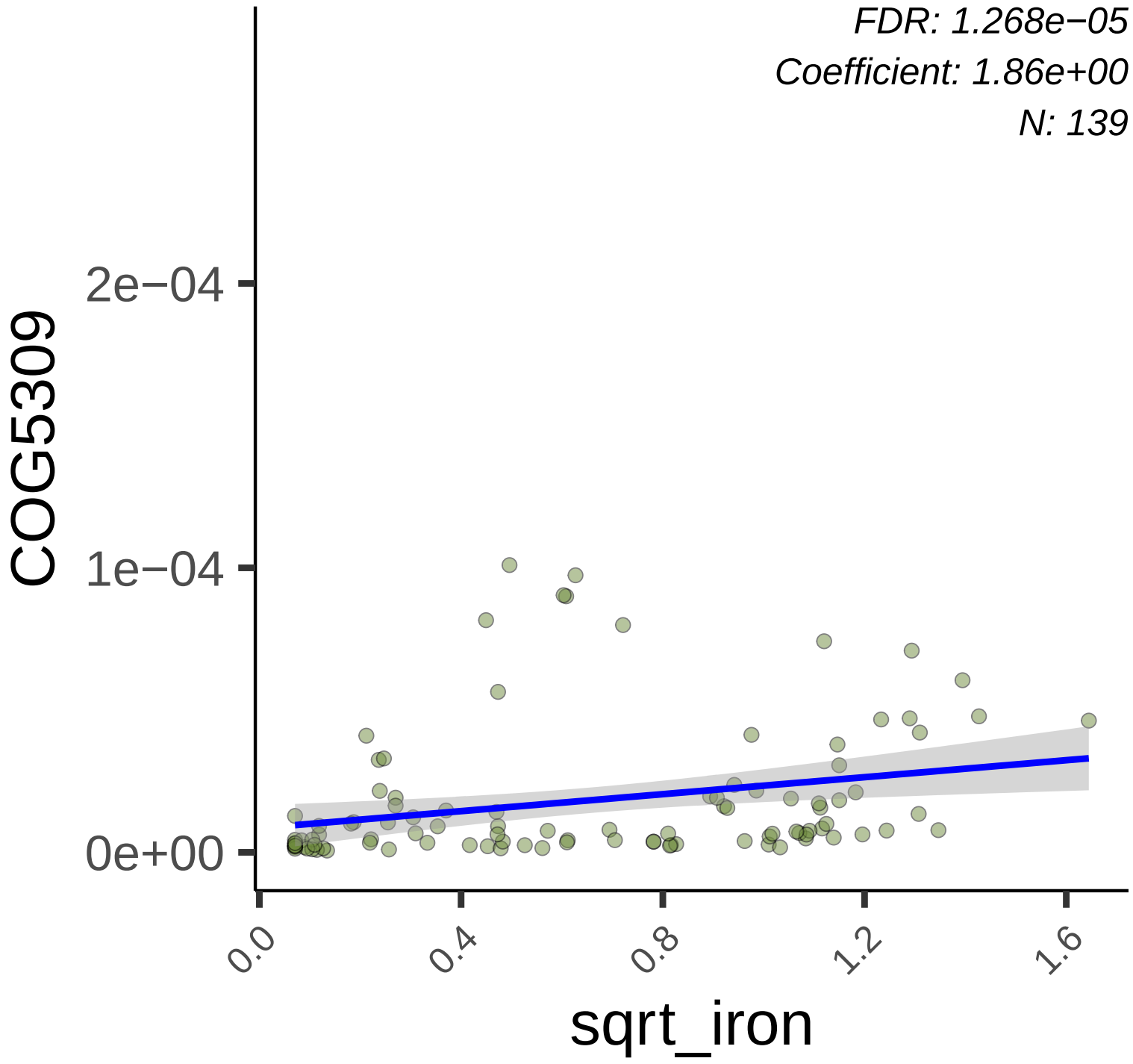
sqrt_iron


FDR: 1.268e−05
Coefficient: 1.86e+00
N: 139
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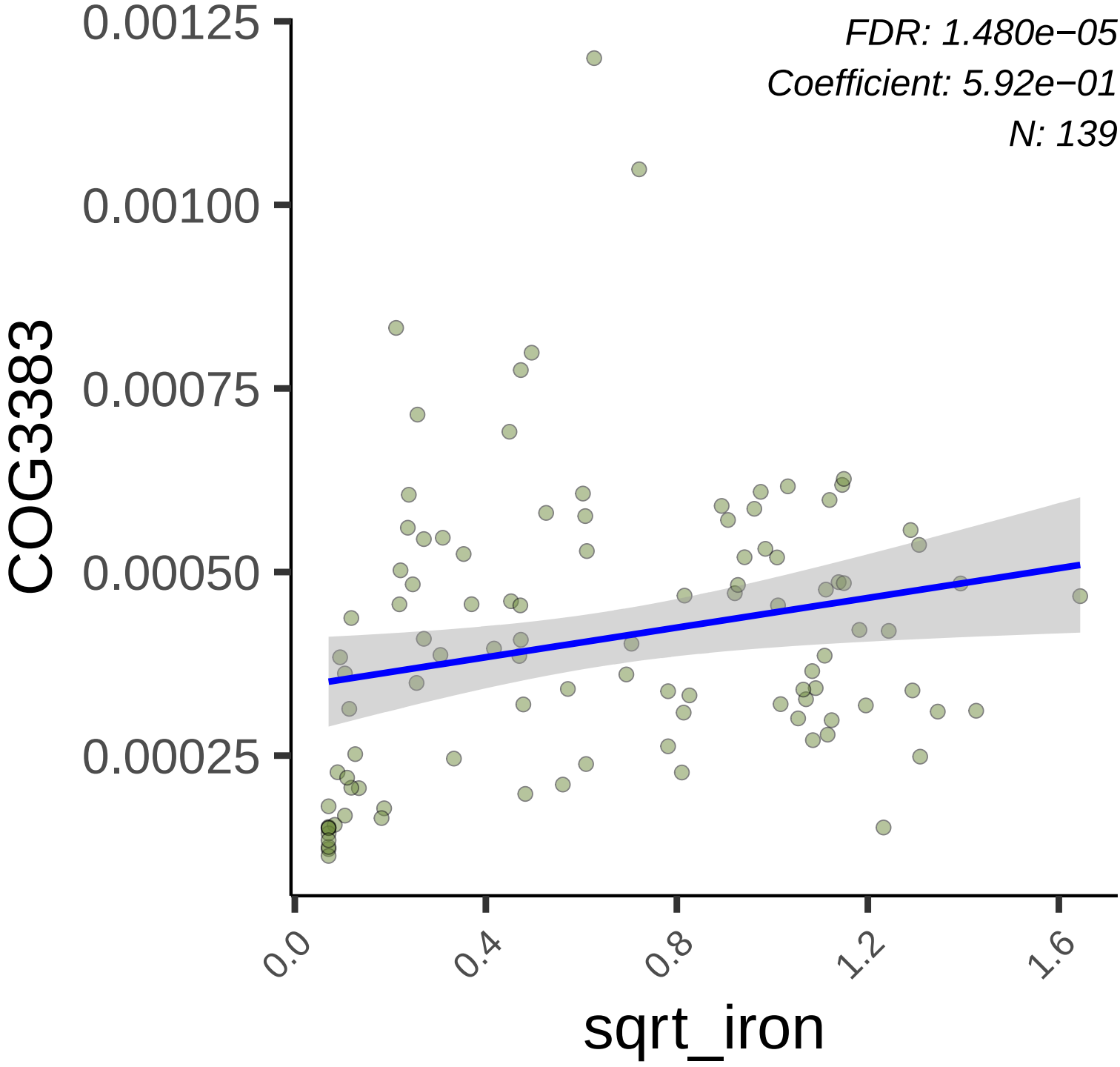
sqrt_iron


FDR: 1.480e−05
Coefficient: 5.92e−01
N: 139
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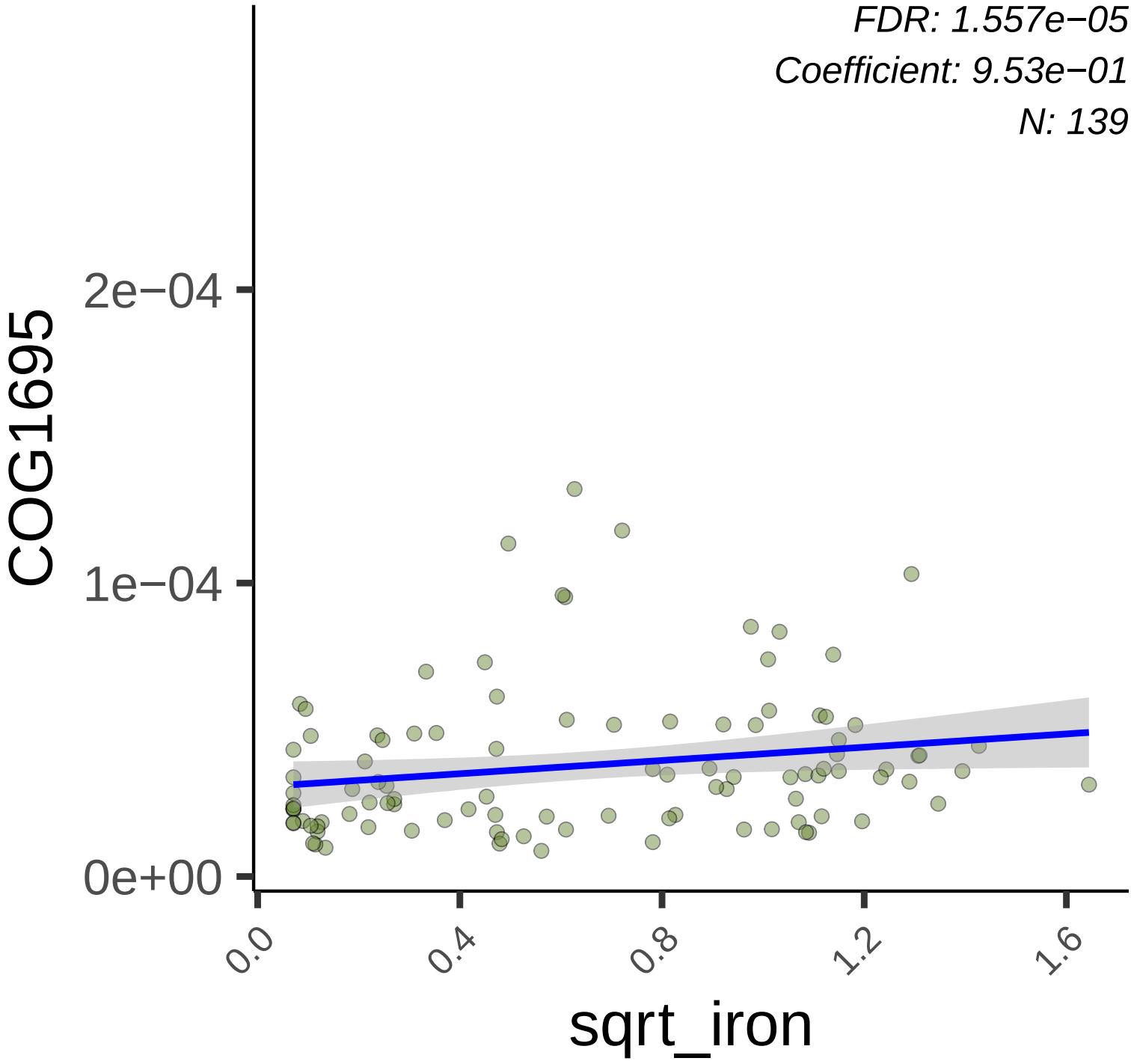
1.6
sqrt_iron


FDR: 1.557e−05
Coefficient: 9.53e−01
N: 139
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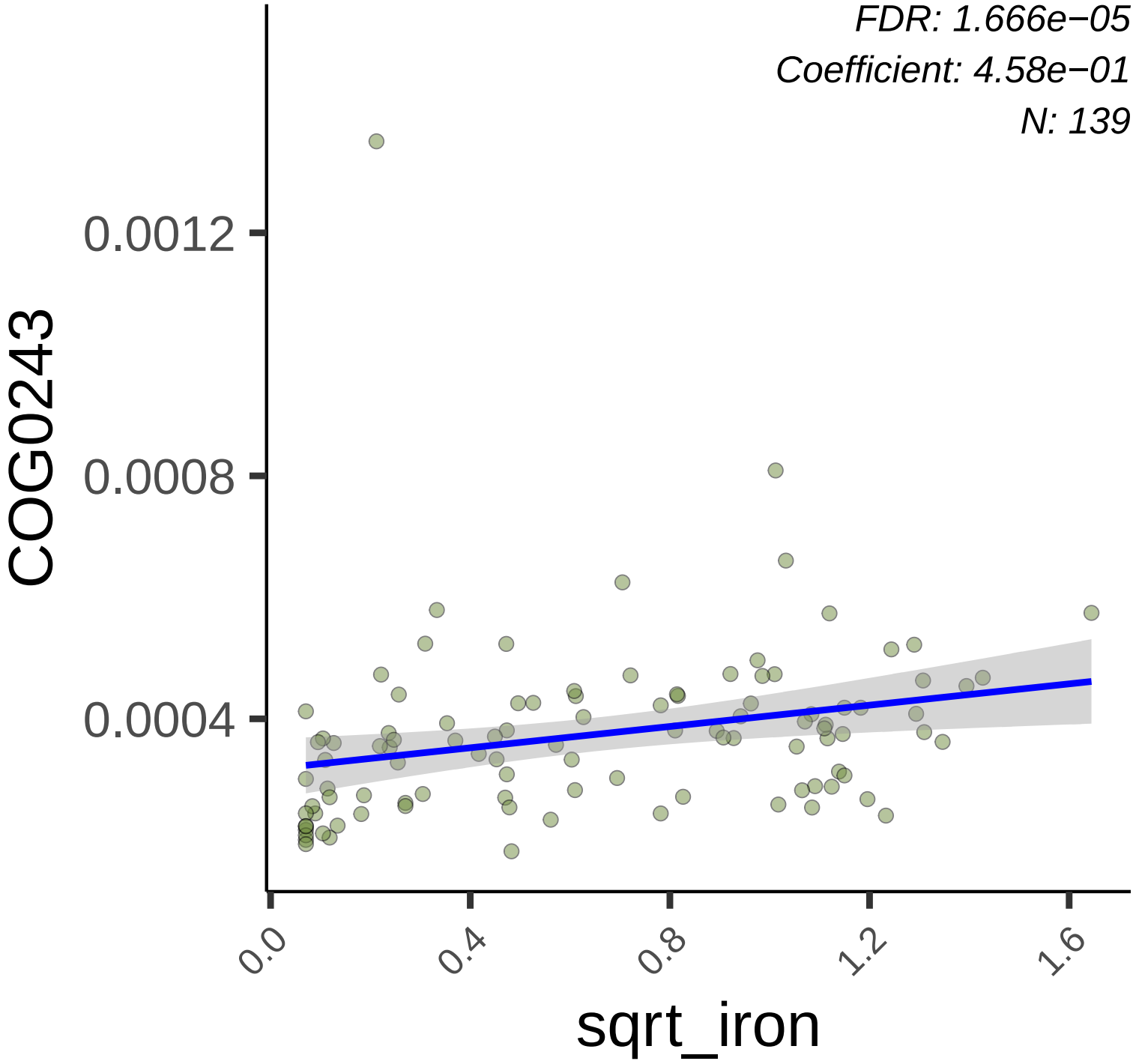
1.6
sqrt_iron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Coefficient: 4.58e−01
N: 139
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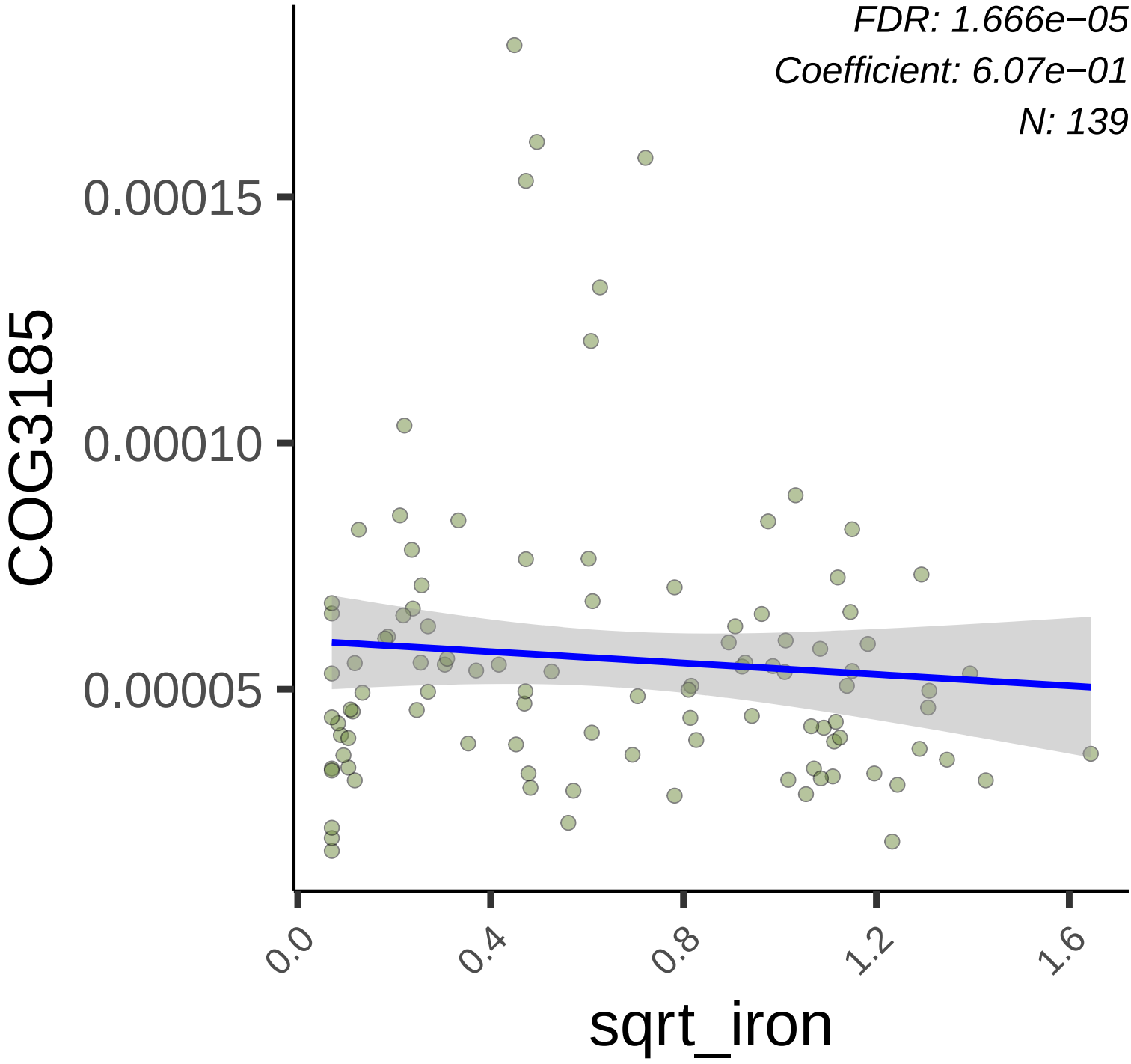
sqrt_iron


FDR: 1.666e−05
Coefficient: 6.07e−01
N: 139
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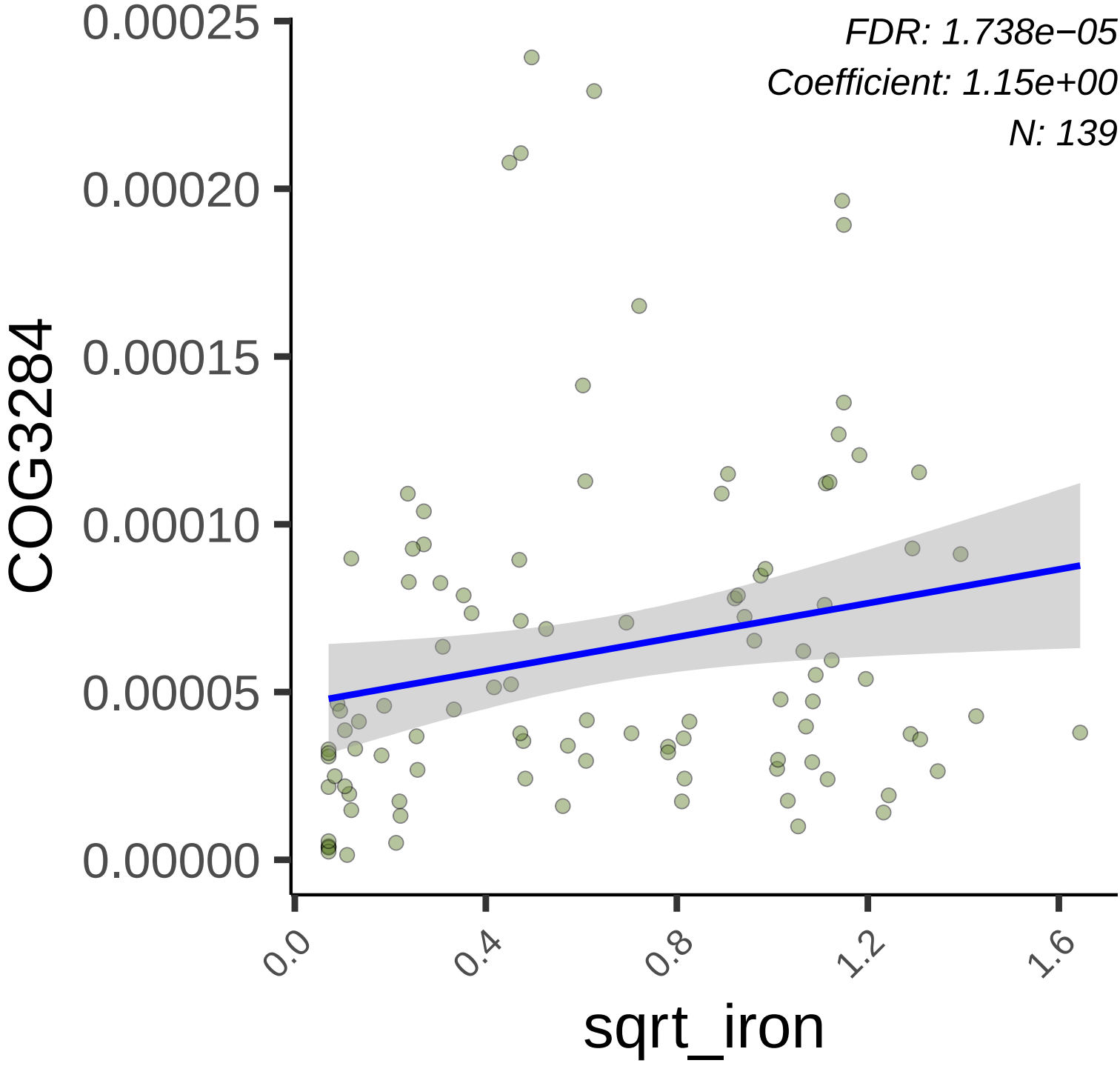
1.2
1.6
sqrt_iron


FDR: 1.738e−05
Coefficient: 1.15e+00
N: 139
COG3284
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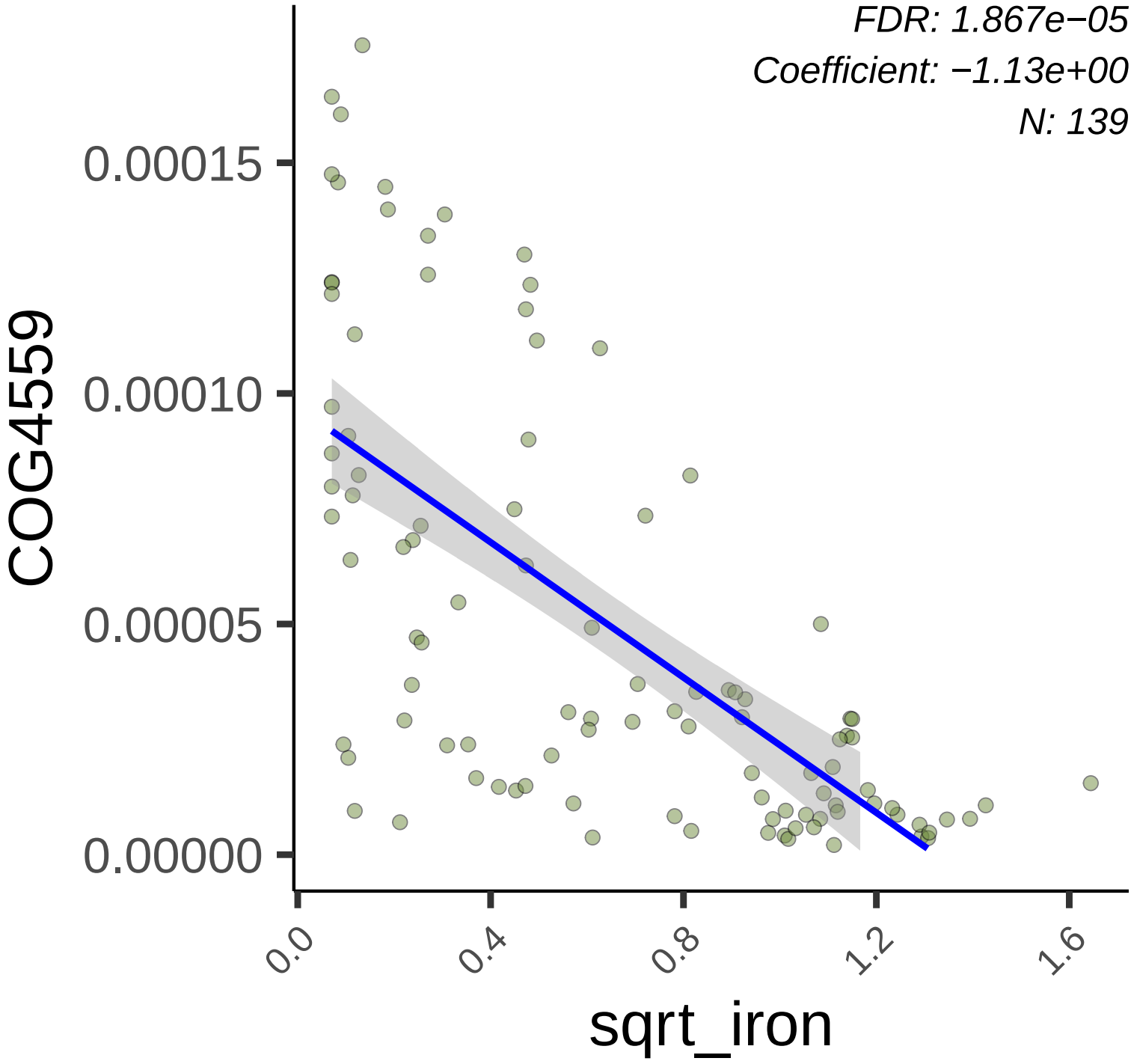
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.867e−05
Coefficient: −1.13e+00
N: 139
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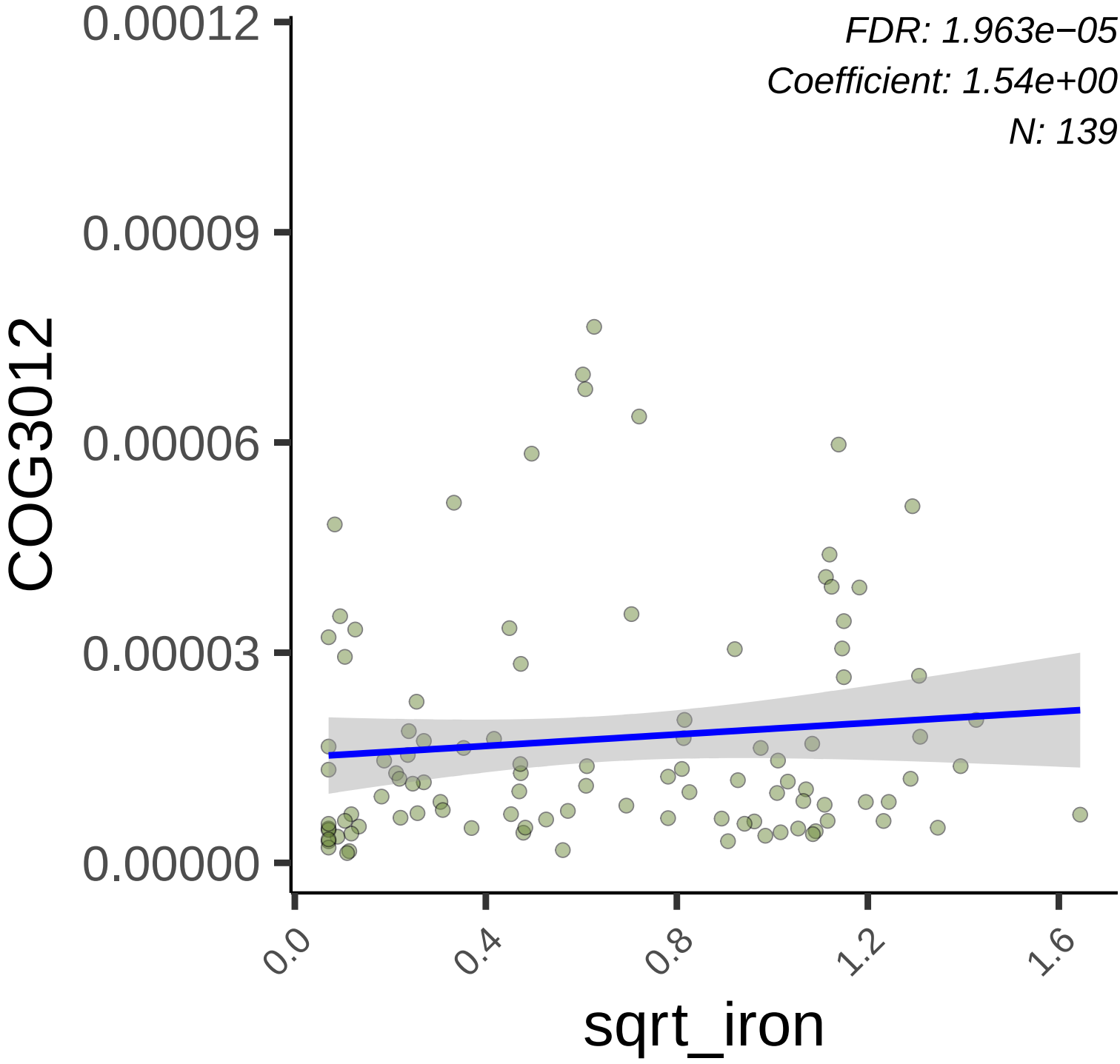
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.963e−05
Coefficient: 1.54e+00
N: 139
COG3012
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0.4
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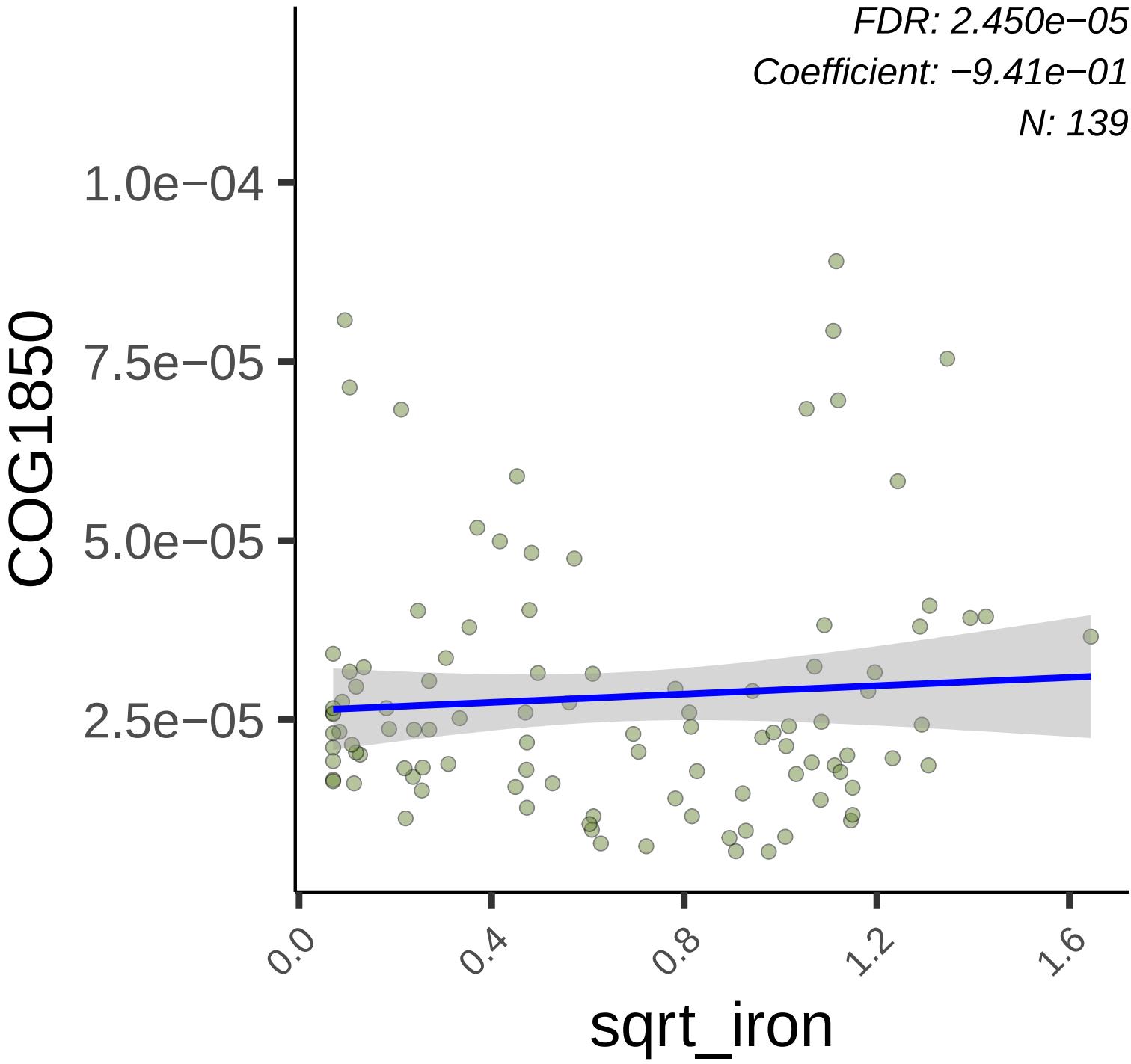
1.2
1.6
sqrt_iron


FDR: 2.450e−05
Coefficient: −9.41e−01
N: 139
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7.5e−05
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COG1850
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0.4
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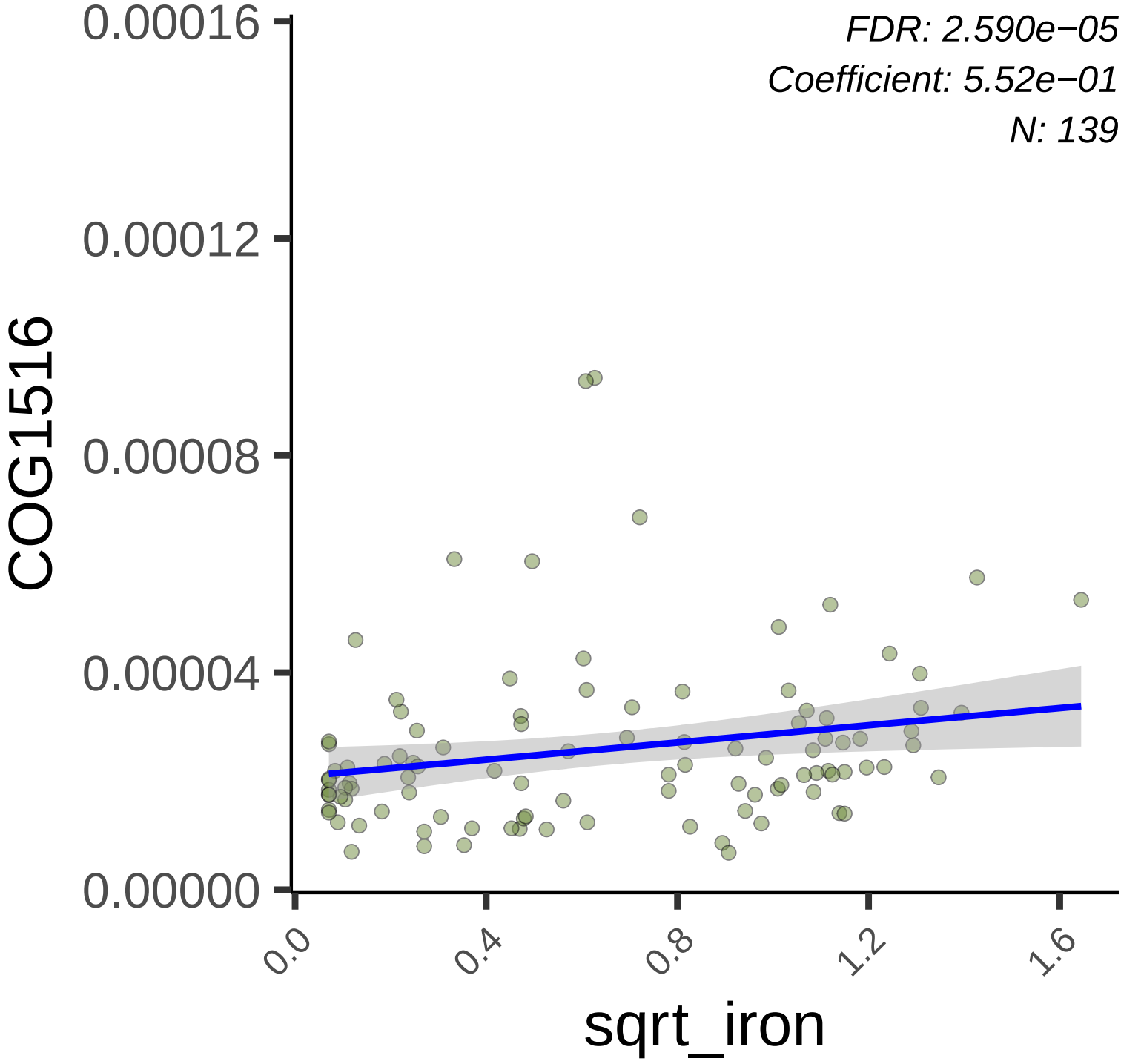
1.6
sqrt_iron


FDR: 2.590e−05
Coefficient: 5.52e−01
N: 139
0.00016
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COG1516
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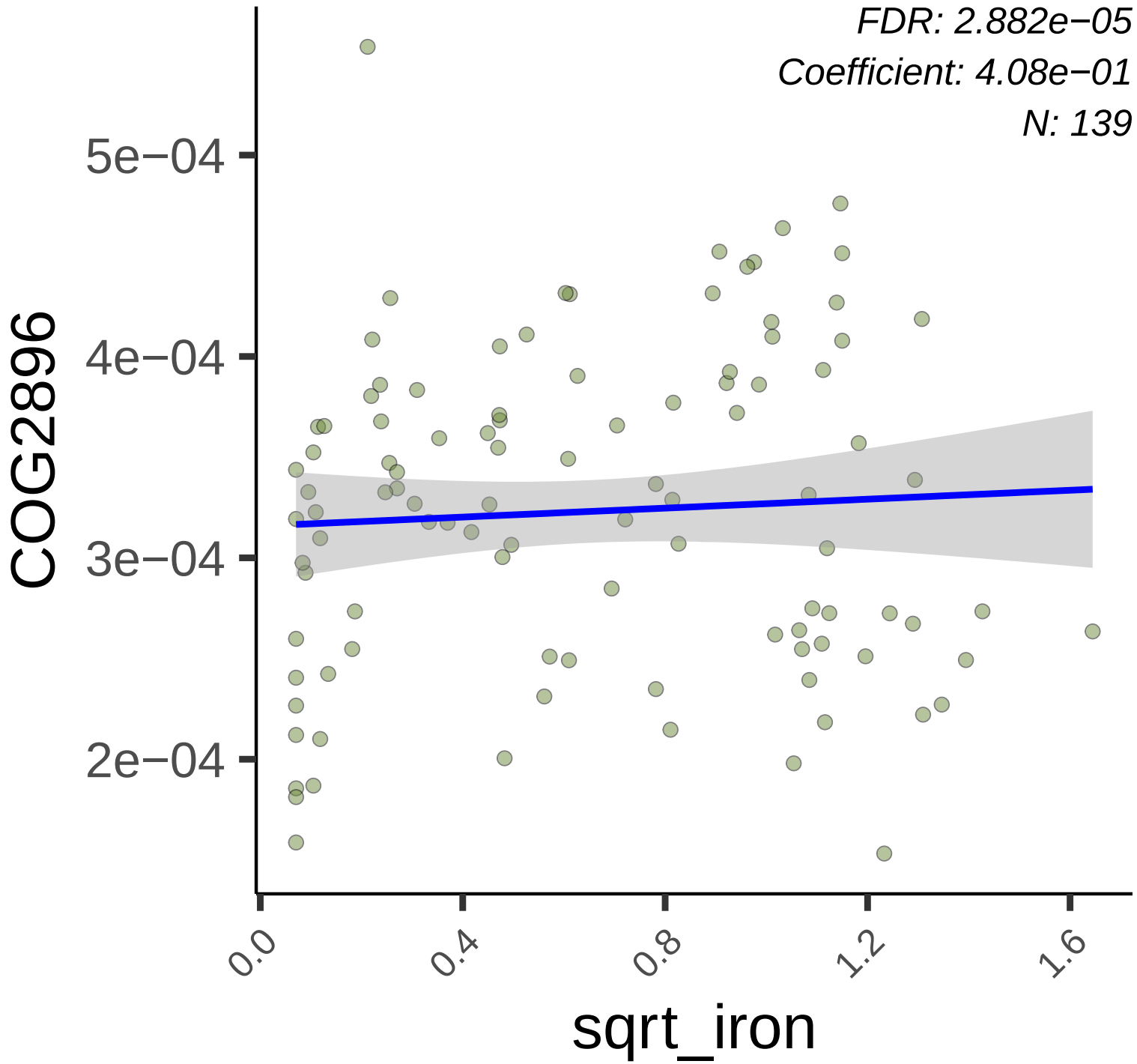
sqrt_iron


FDR: 2.882e−05
Coefficient: 4.08e−01
N: 139
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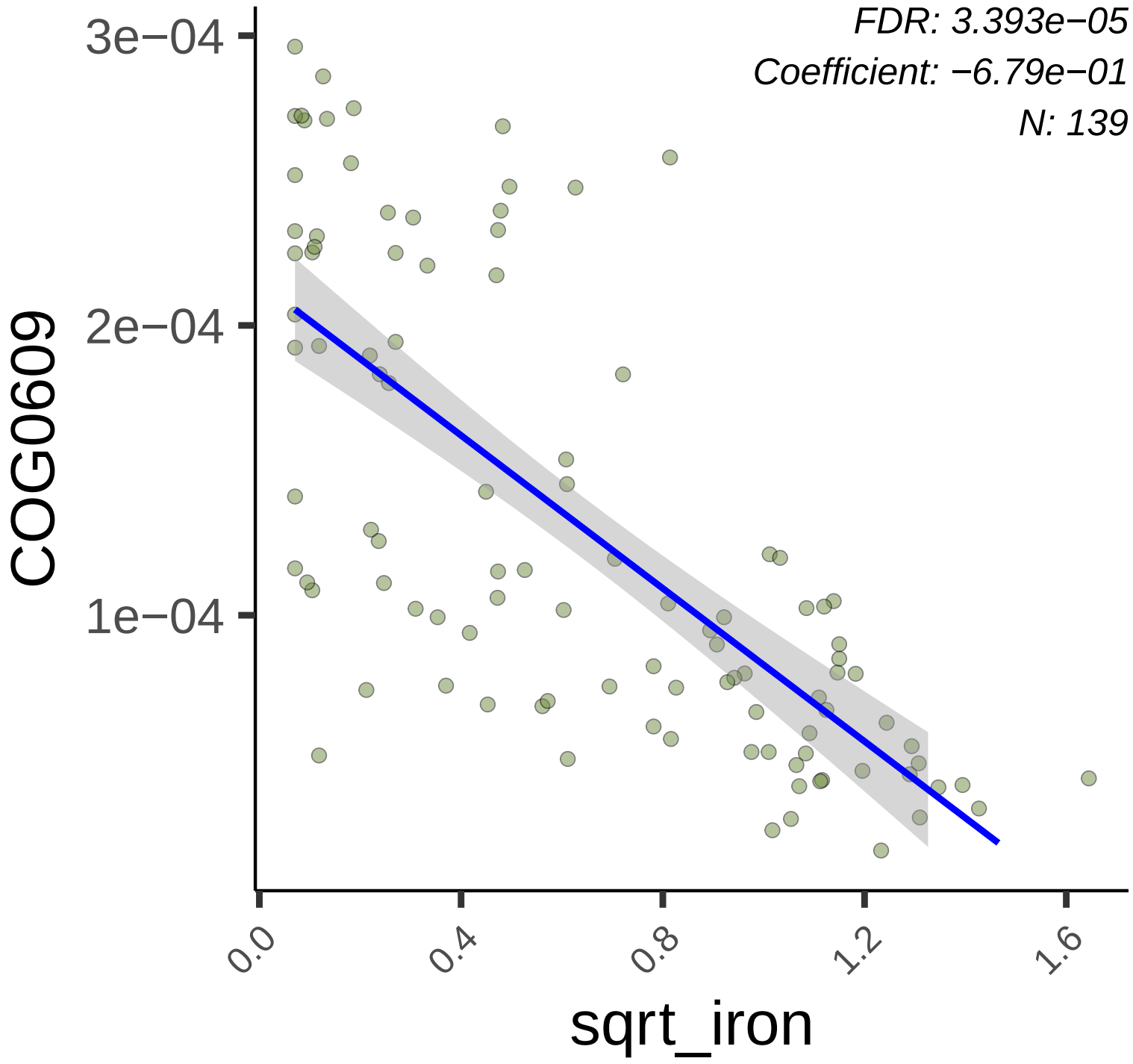
sqrt_iron


FDR: 3.393e−05
Coefficient: −6.79e−01
N: 139
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COG0609
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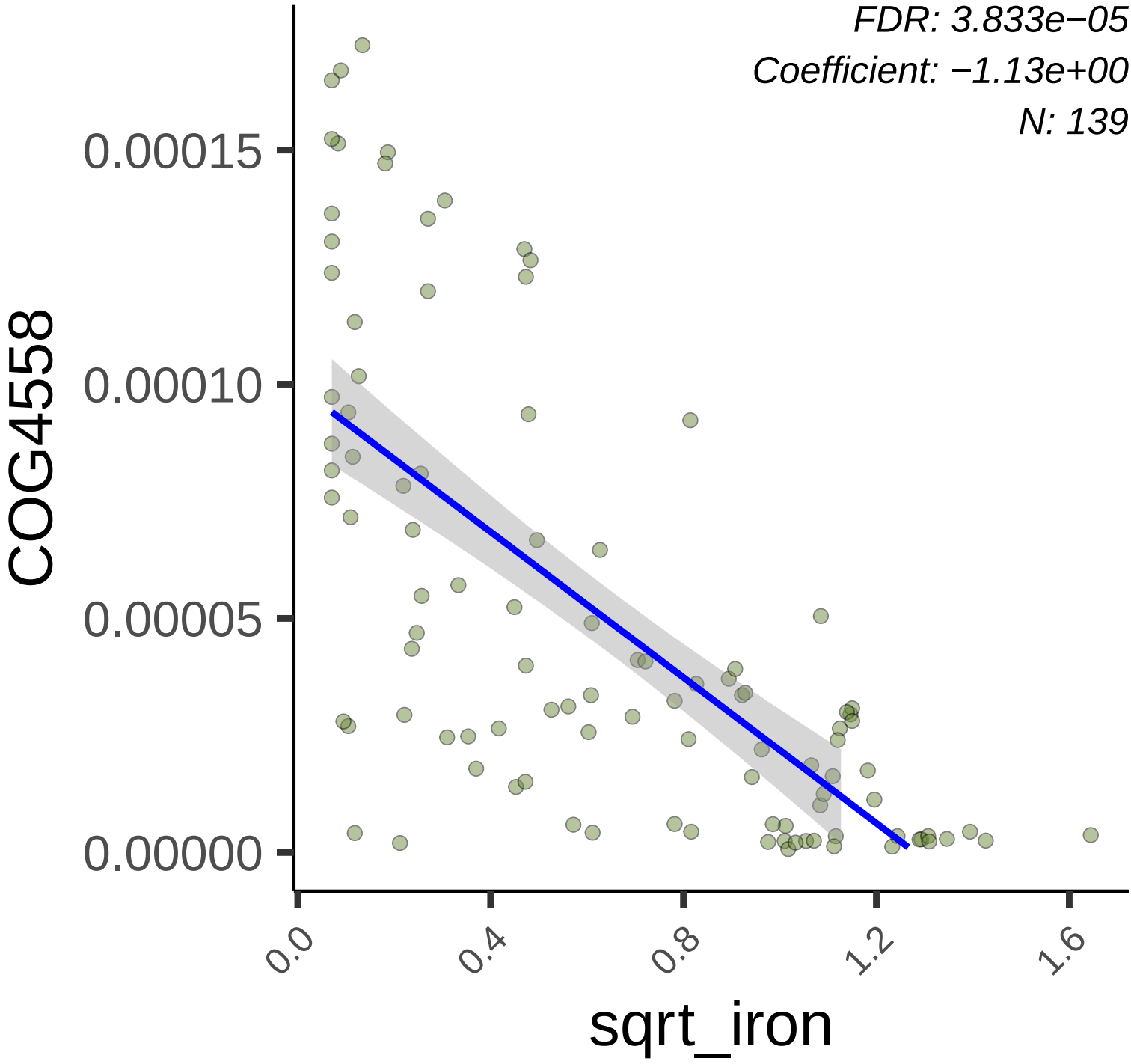
sqrt_iron


FDR: 3.833e−05
Coefficient: −1.13e+00
N: 139
COG4558
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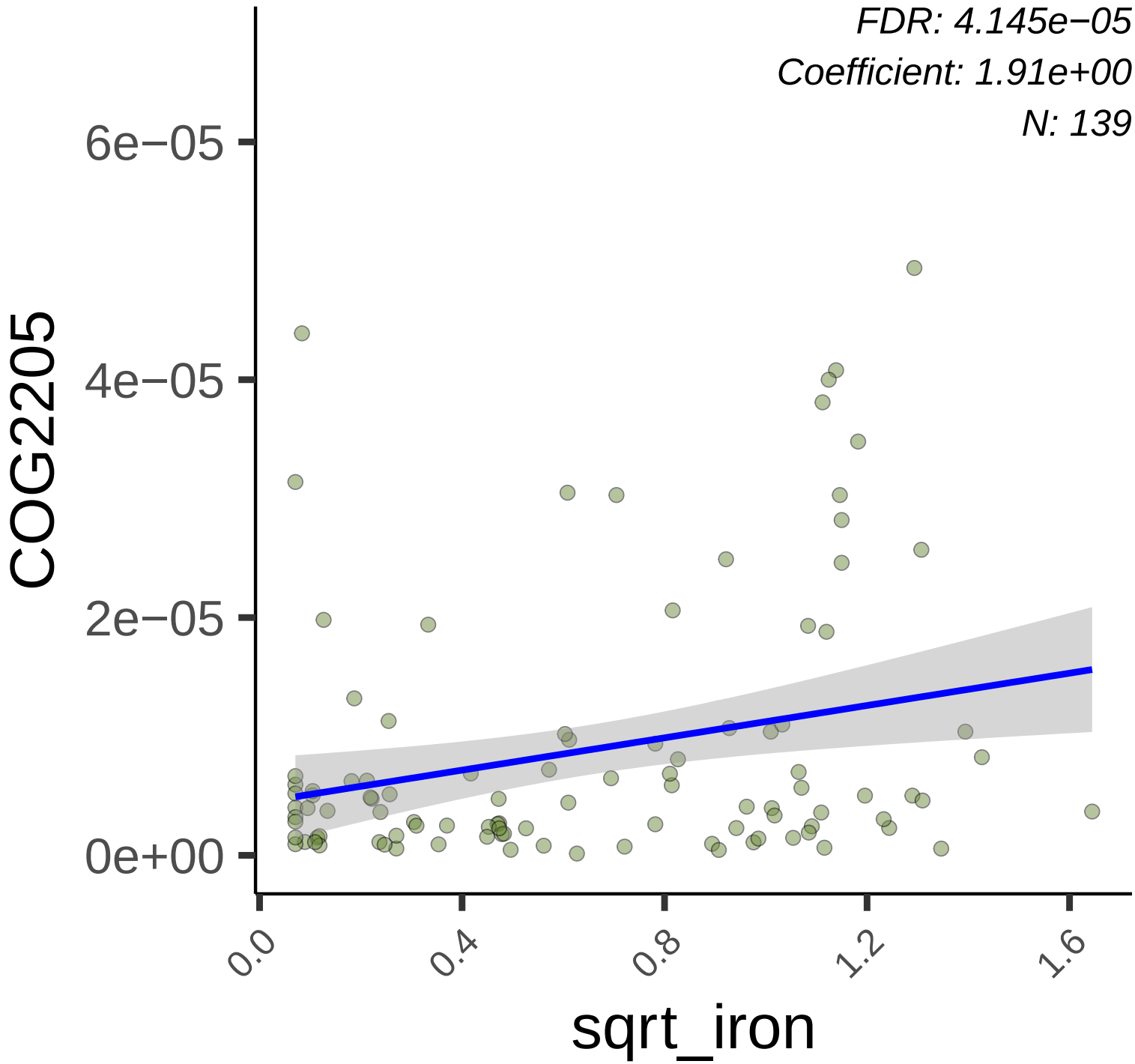
1.6
sqrt_iron


FDR: 4.145e−05
Coefficient: 1.91e+00
N: 139
COG2205
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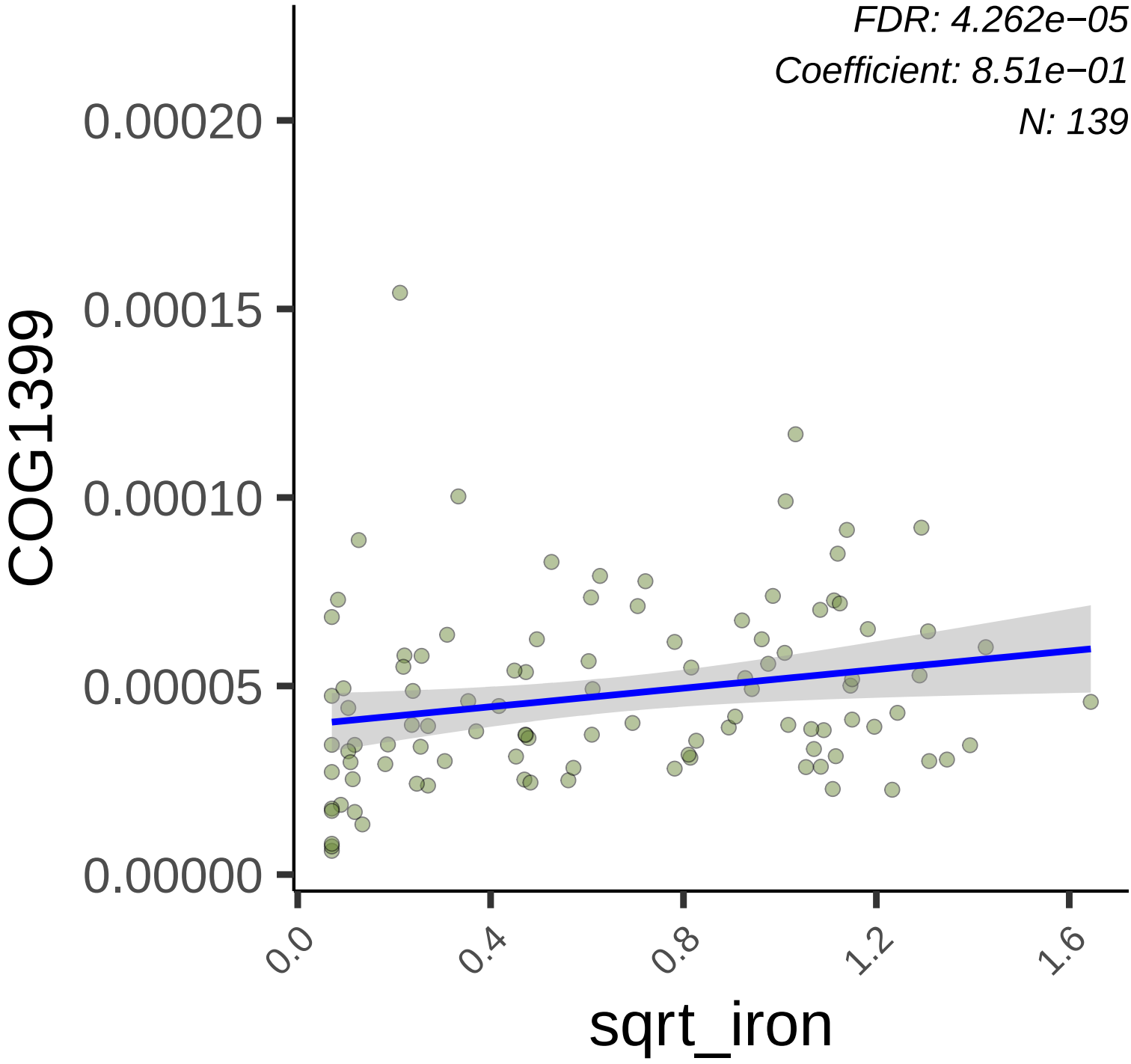
sqrt_iron


FDR: 4.262e−05
Coefficient: 8.51e−01
N: 139
COG1399
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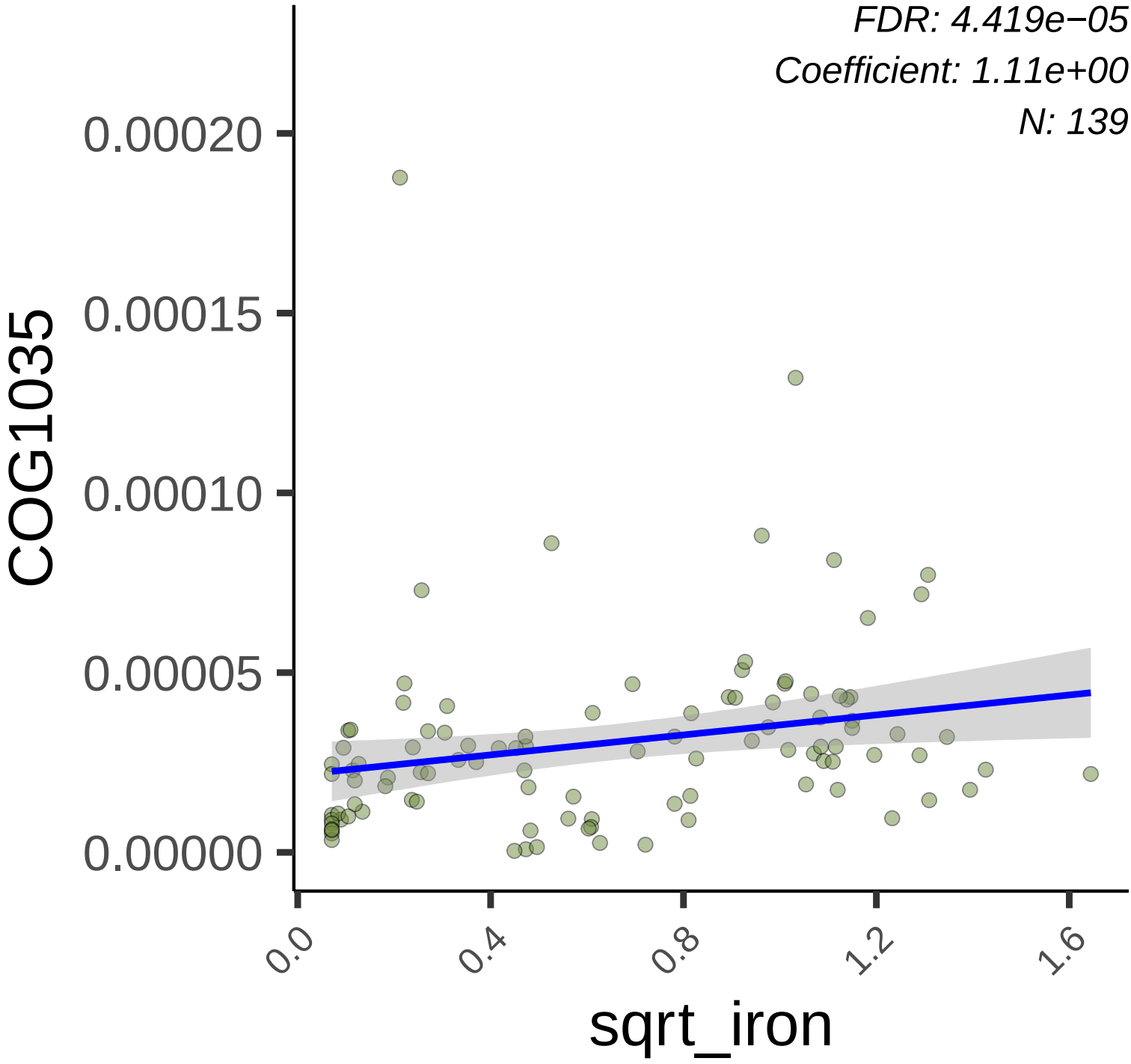
1.6
sqrt_iron


FDR: 4.419e−05
Coefficient: 1.11e+00
N: 139
COG1035
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0.4
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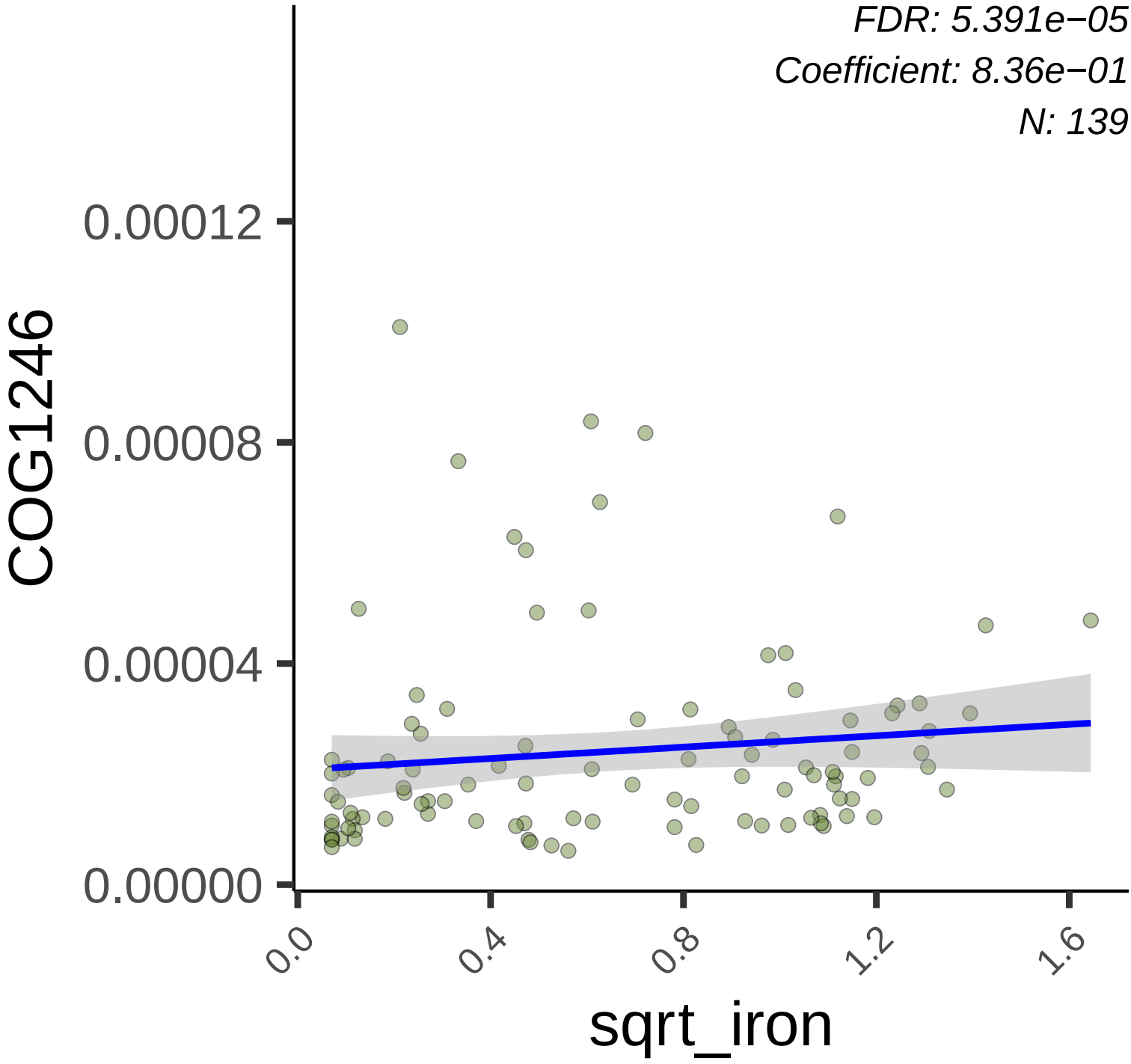
1.6
sqrt_iron


FDR: 5.391e−05
Coefficient: 8.36e−01
N: 139
COG1246
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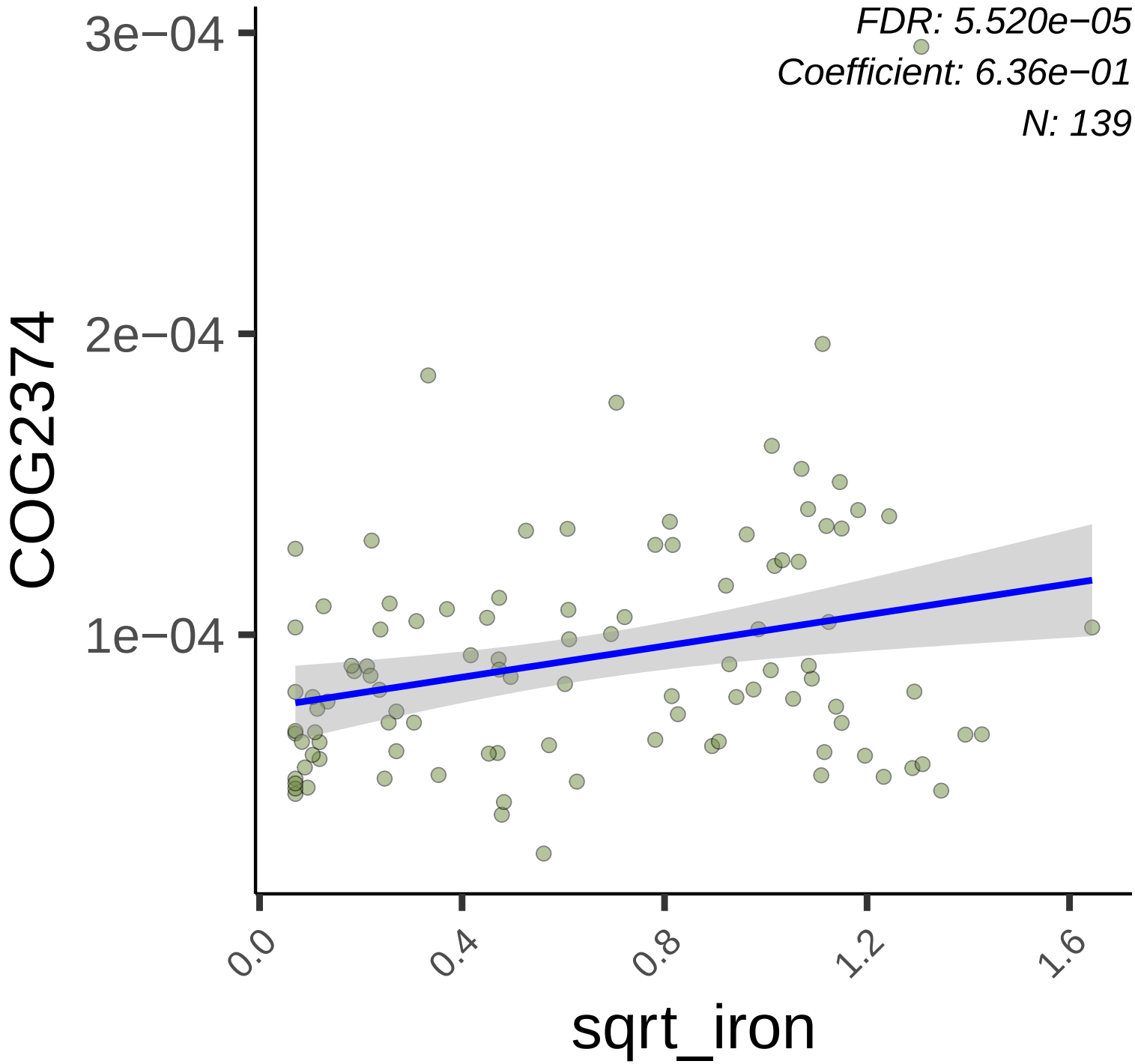
1.2
1.6
sqrt_iron


FDR: 5.520e−05
Coefficient: 6.36e−01
N: 139
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COG2374
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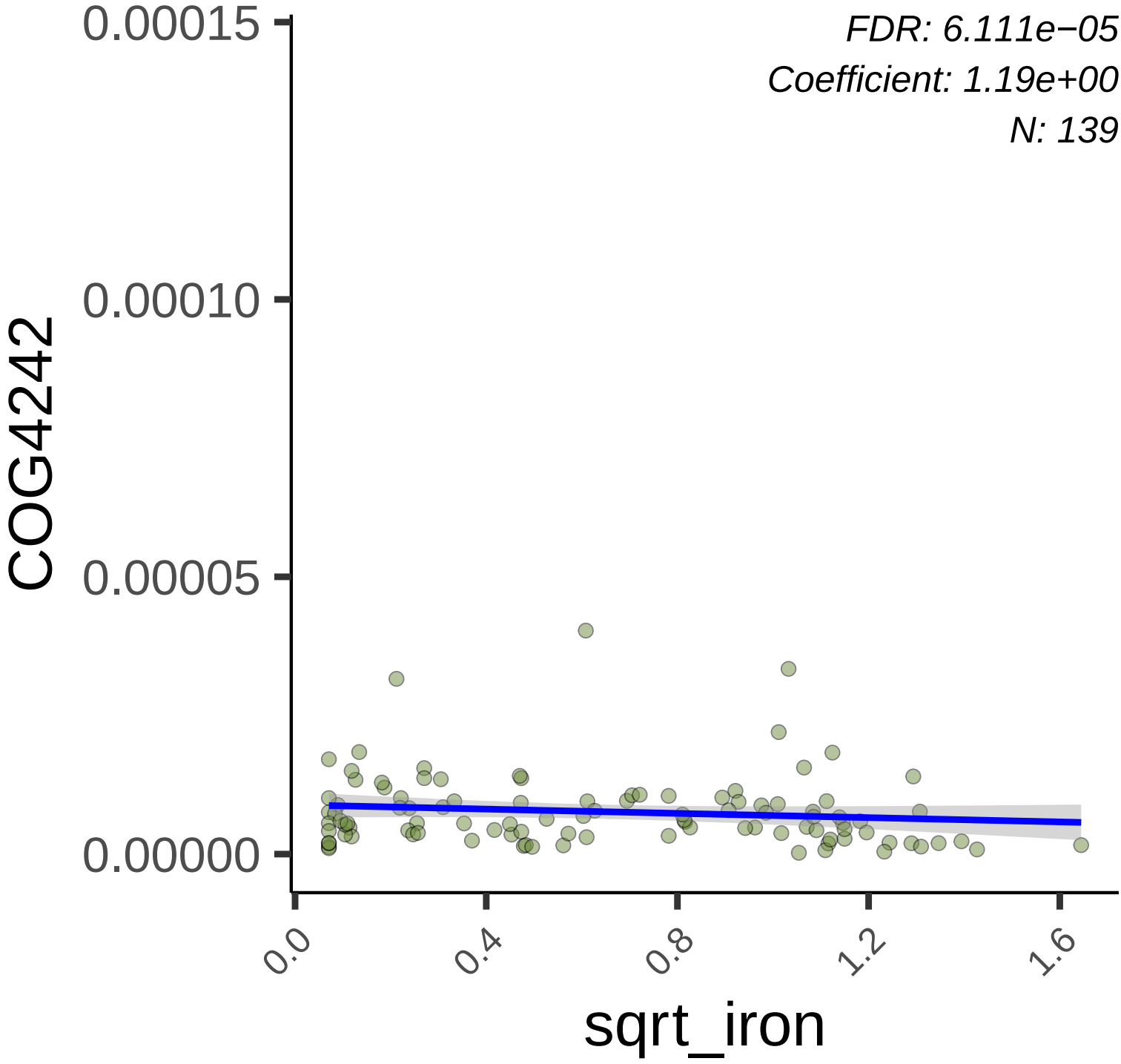
0.8
1.2
1.6
sqrt_iron


FDR: 6.111e−05
Coefficient: 1.19e+00
N: 139
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COG4242
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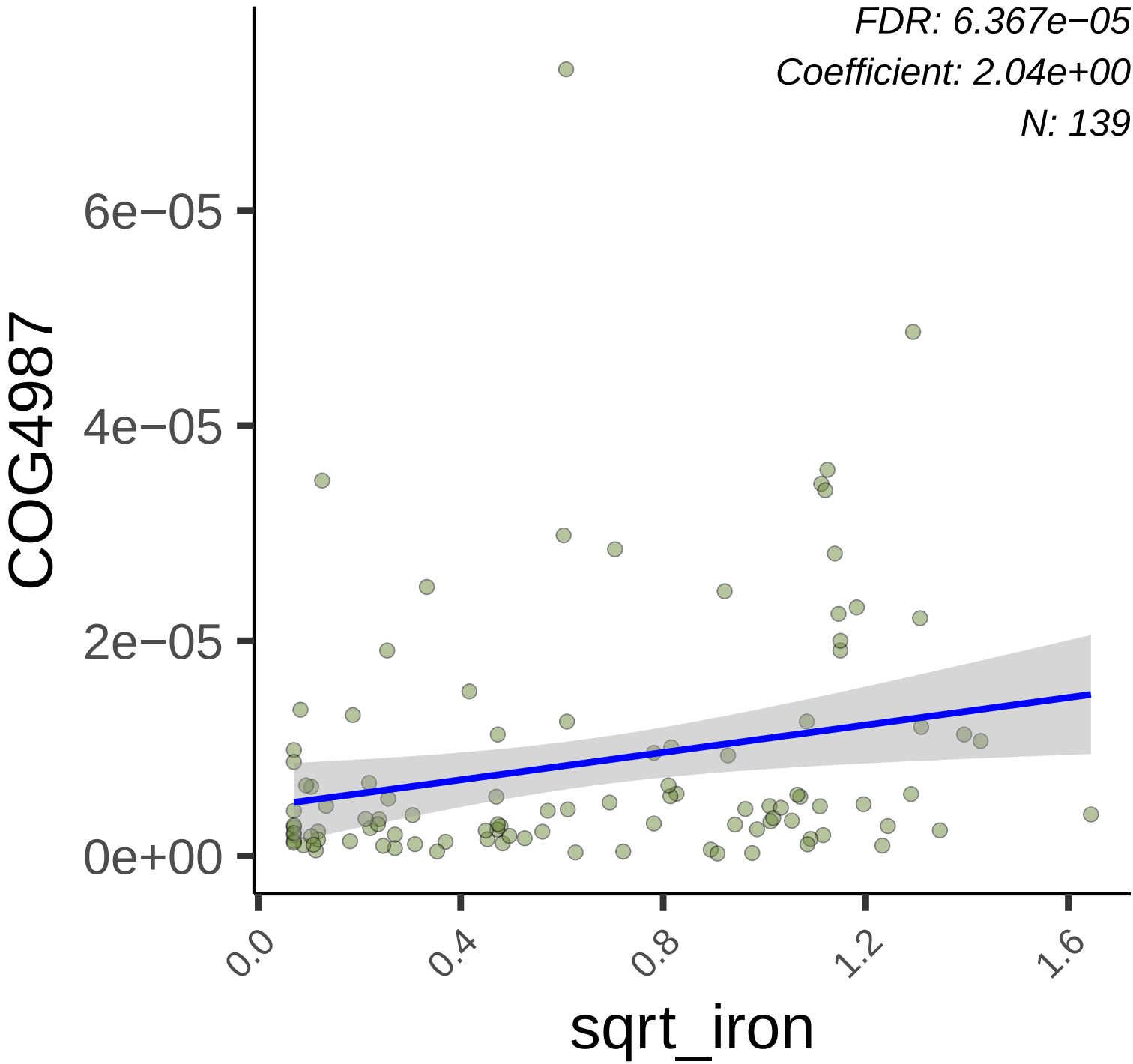
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 6.367e−05
Coefficient: 2.04e+00
N: 139
COG4987
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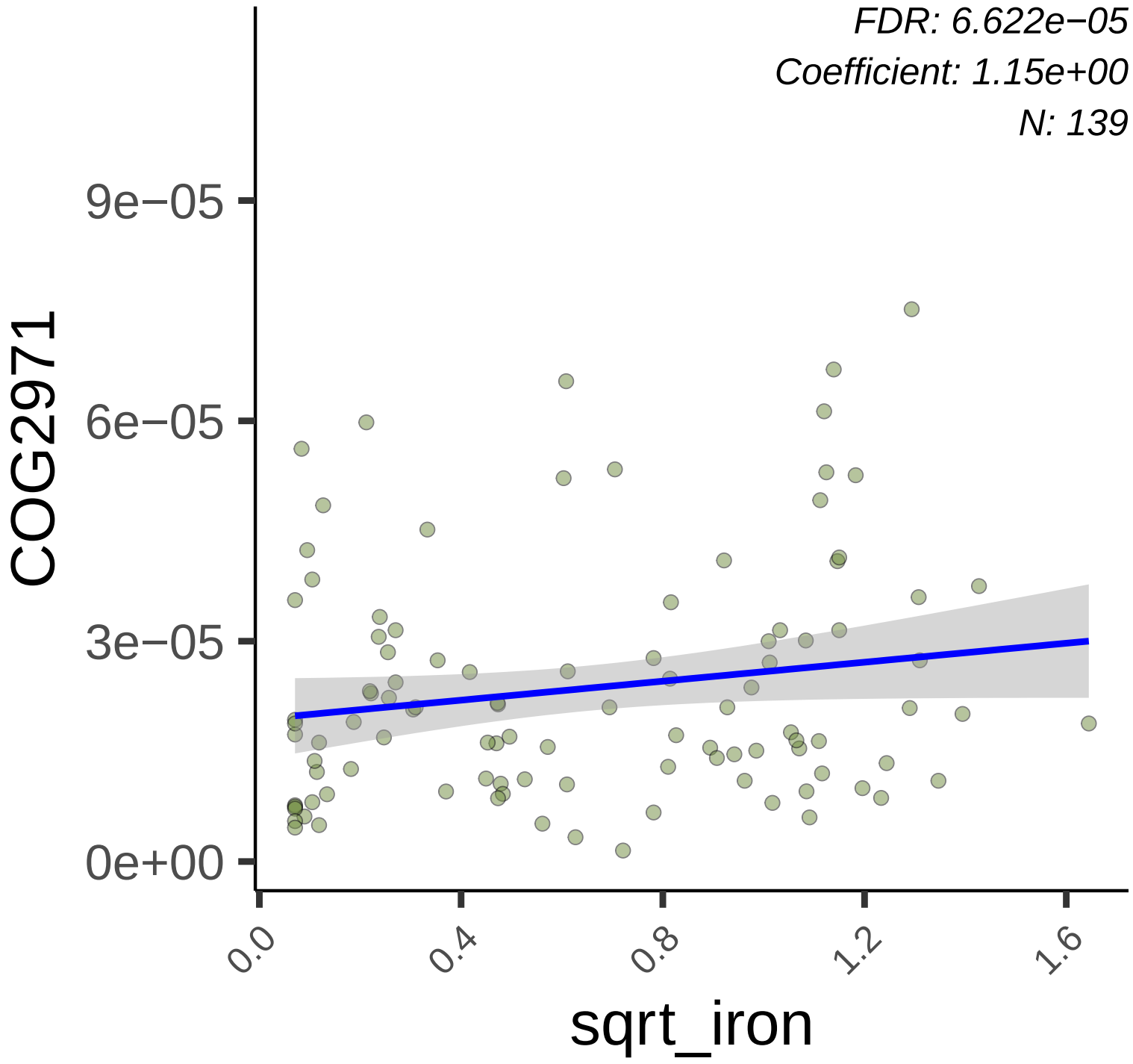
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 6.622e−05
Coefficient: 1.15e+00
N: 139
COG2971
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6e−05
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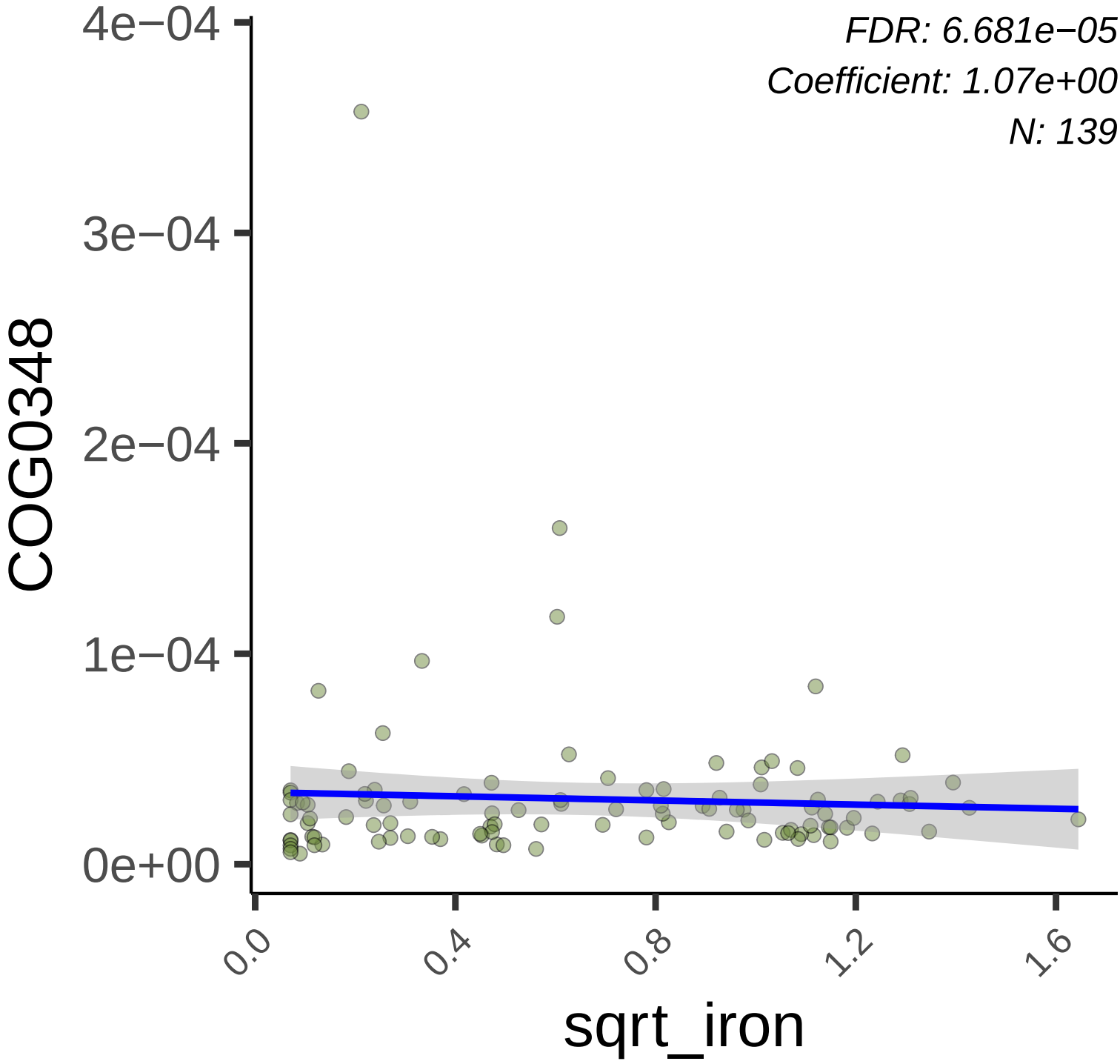
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 6.681e−05
Coefficient: 1.07e+00
N: 139
COG0348
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2e−04
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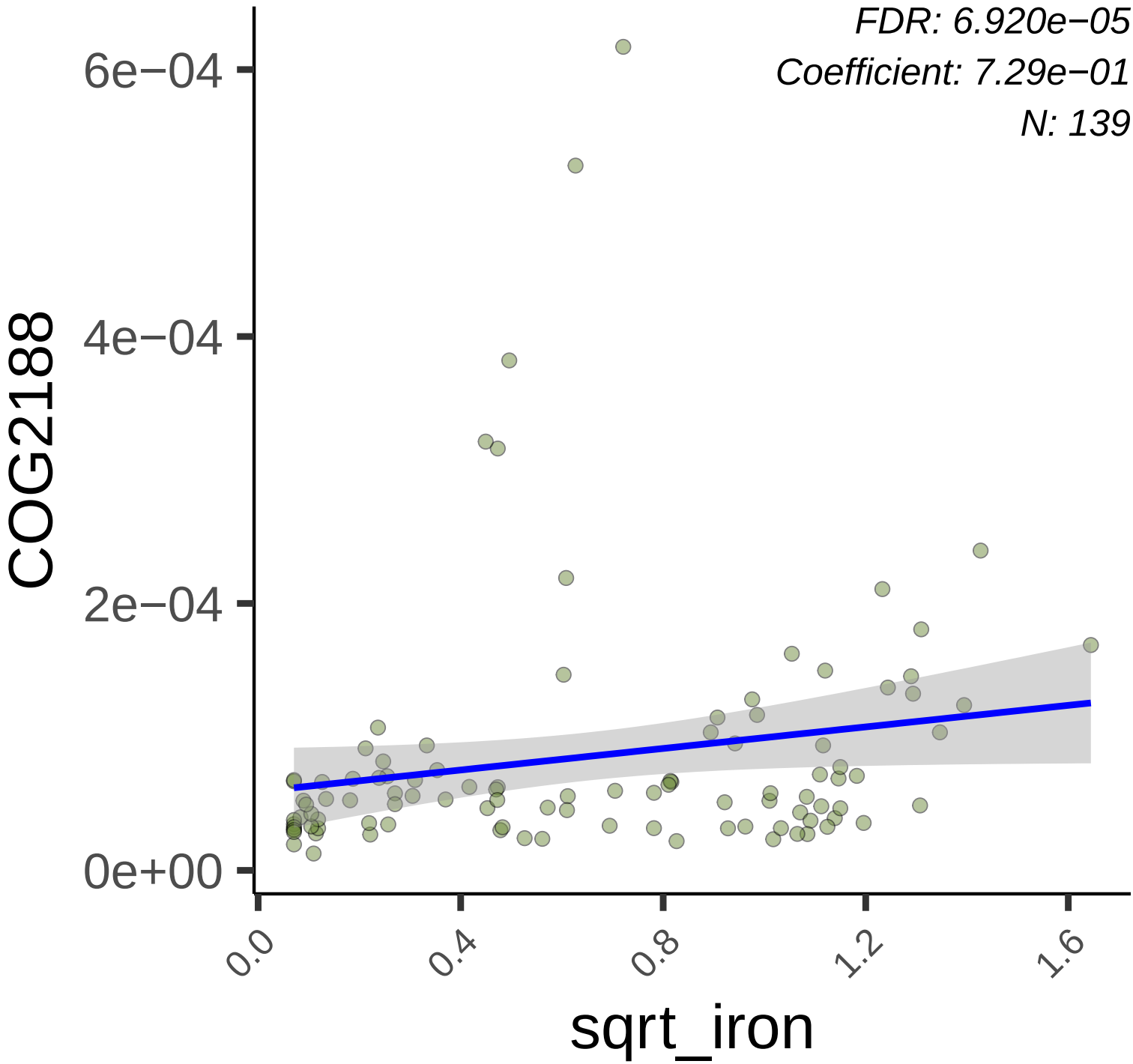
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 6.920e−05
Coefficient: 7.29e−01
N: 139
COG2188
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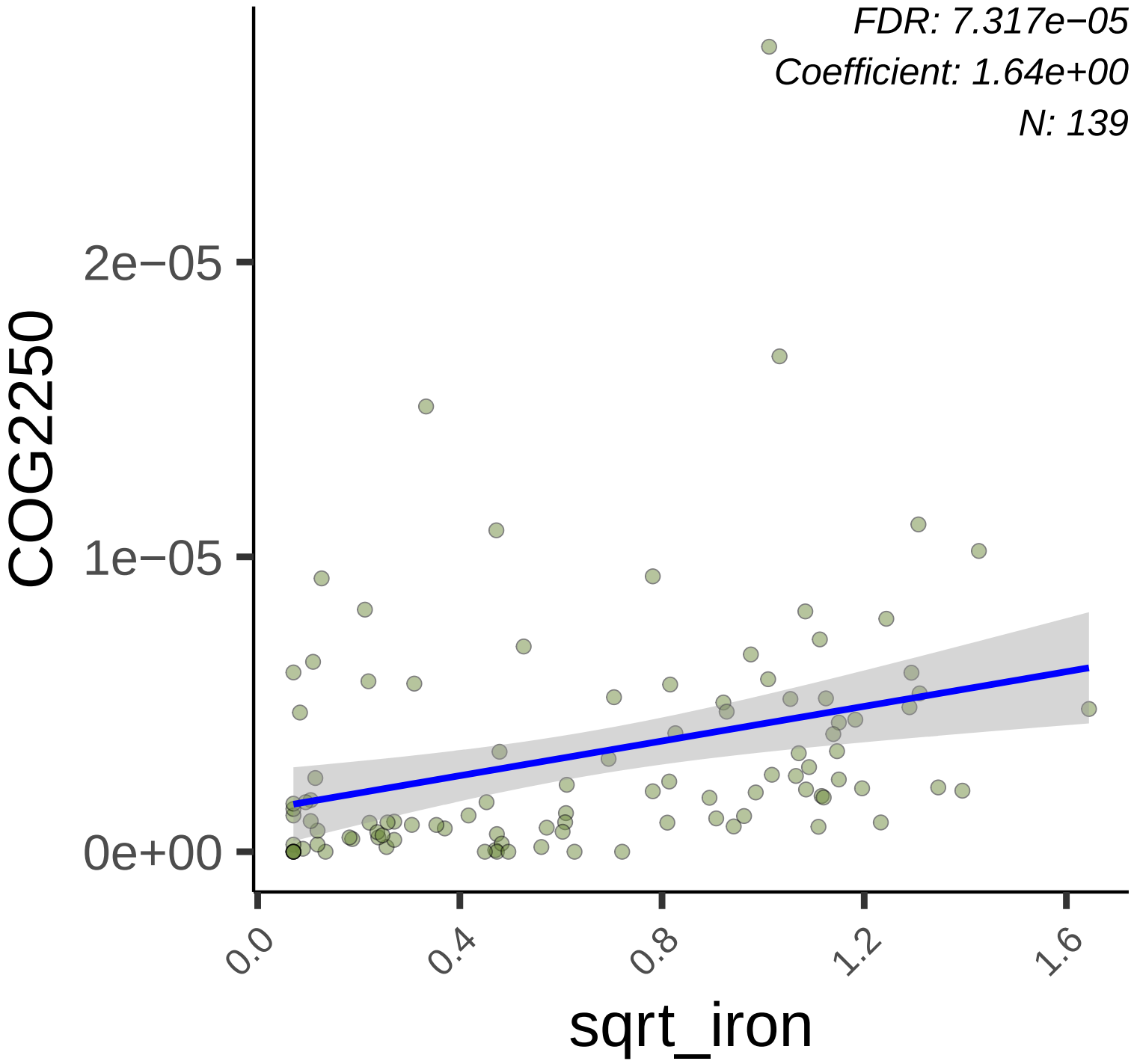
4e−04
2e−04
0e+00
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 7.317e−05
Coefficient: 1.64e+00
N: 139
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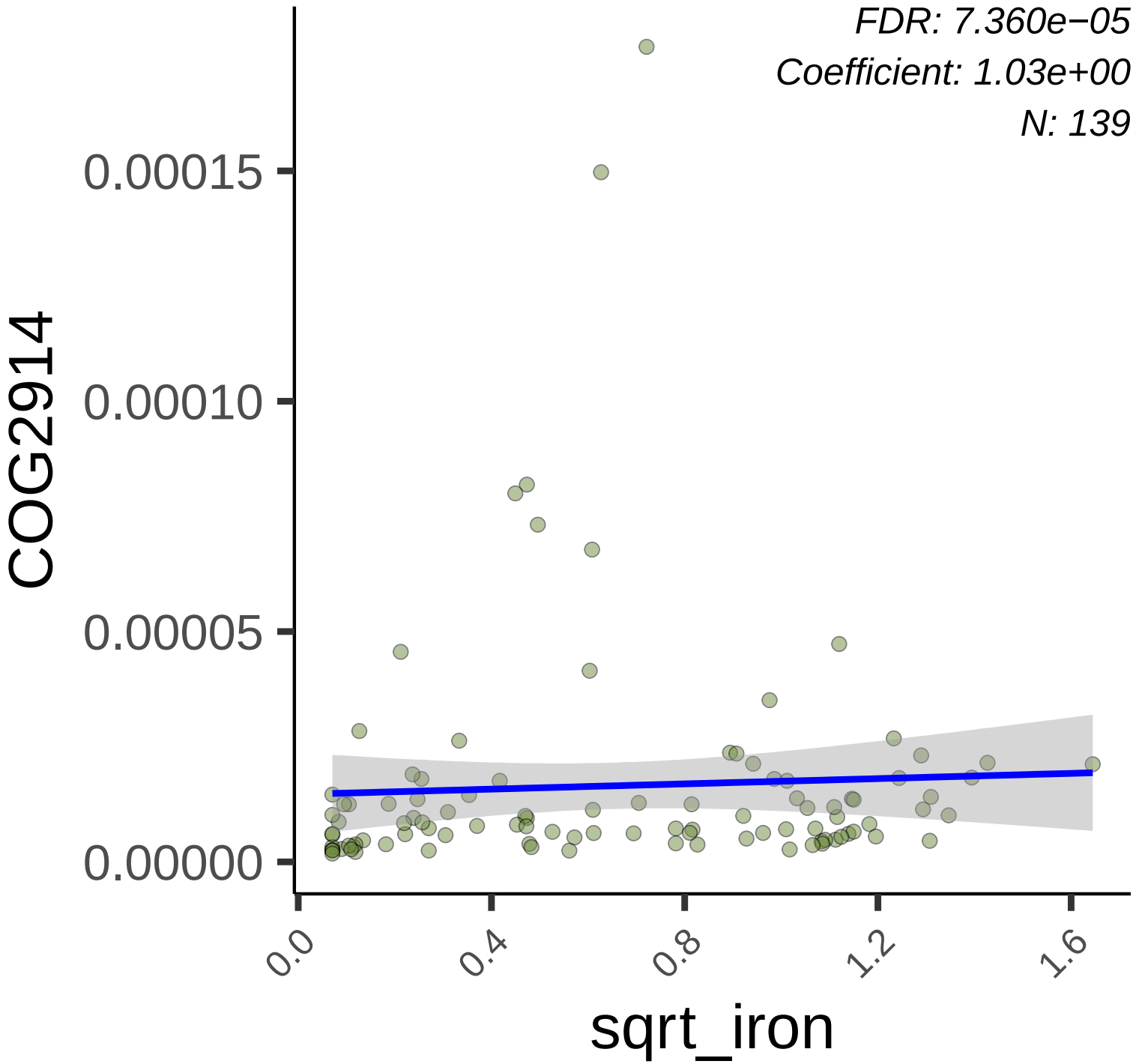
0.8
1.2
1.6
sqrt_iron


FDR: 7.360e−05
Coefficient: 1.03e+00
N: 139
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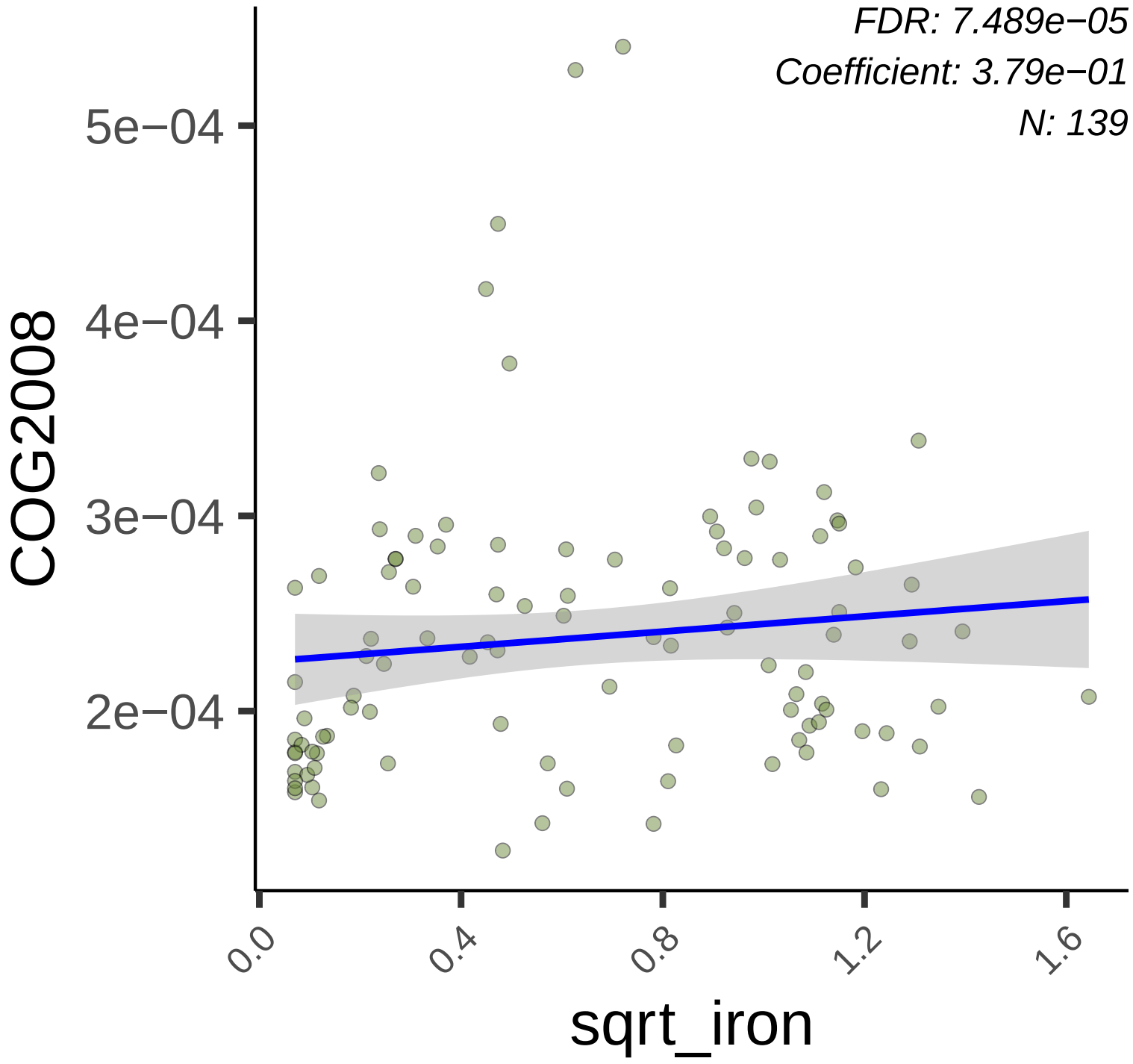
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 7.489e−05
Coefficient: 3.79e−01
N: 139
COG2008
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0.4
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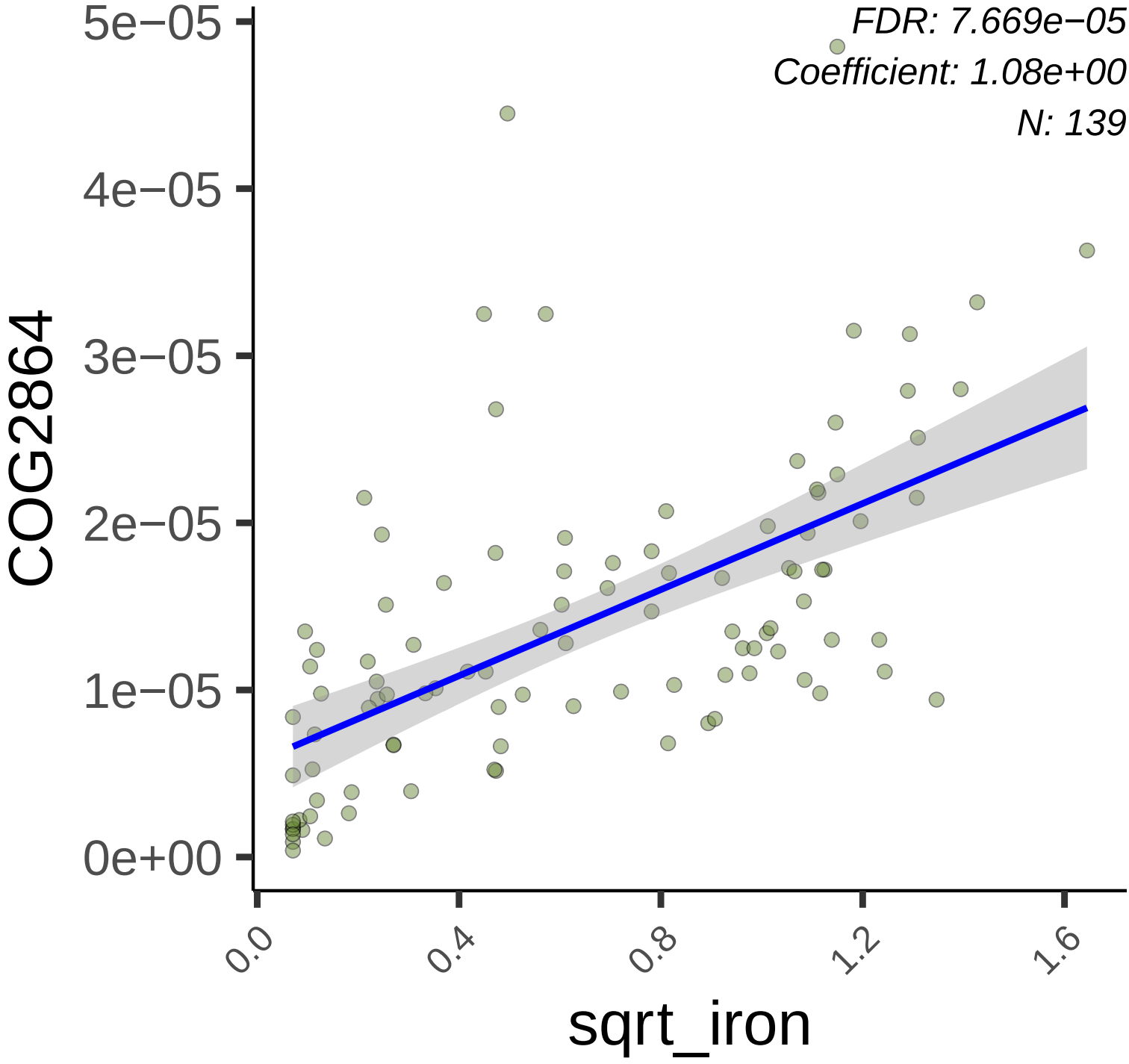
1.6
sqrt_iron


FDR: 7.669e−05
Coefficient: 1.08e+00
N: 139
COG2864
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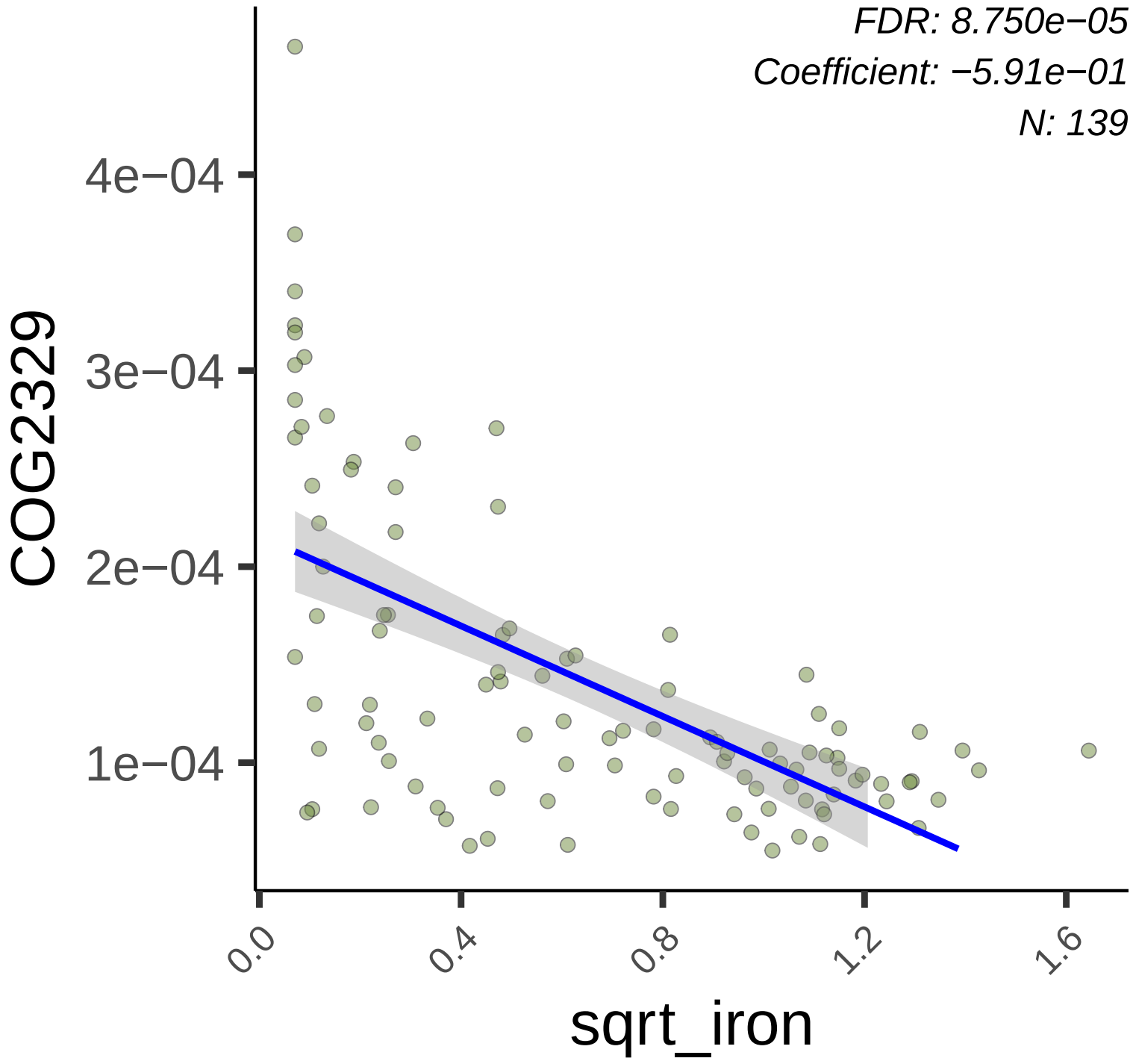
sqrt_iron


FDR: 8.750e−05
Coefficient: −5.91e−01
N: 139
COG2329
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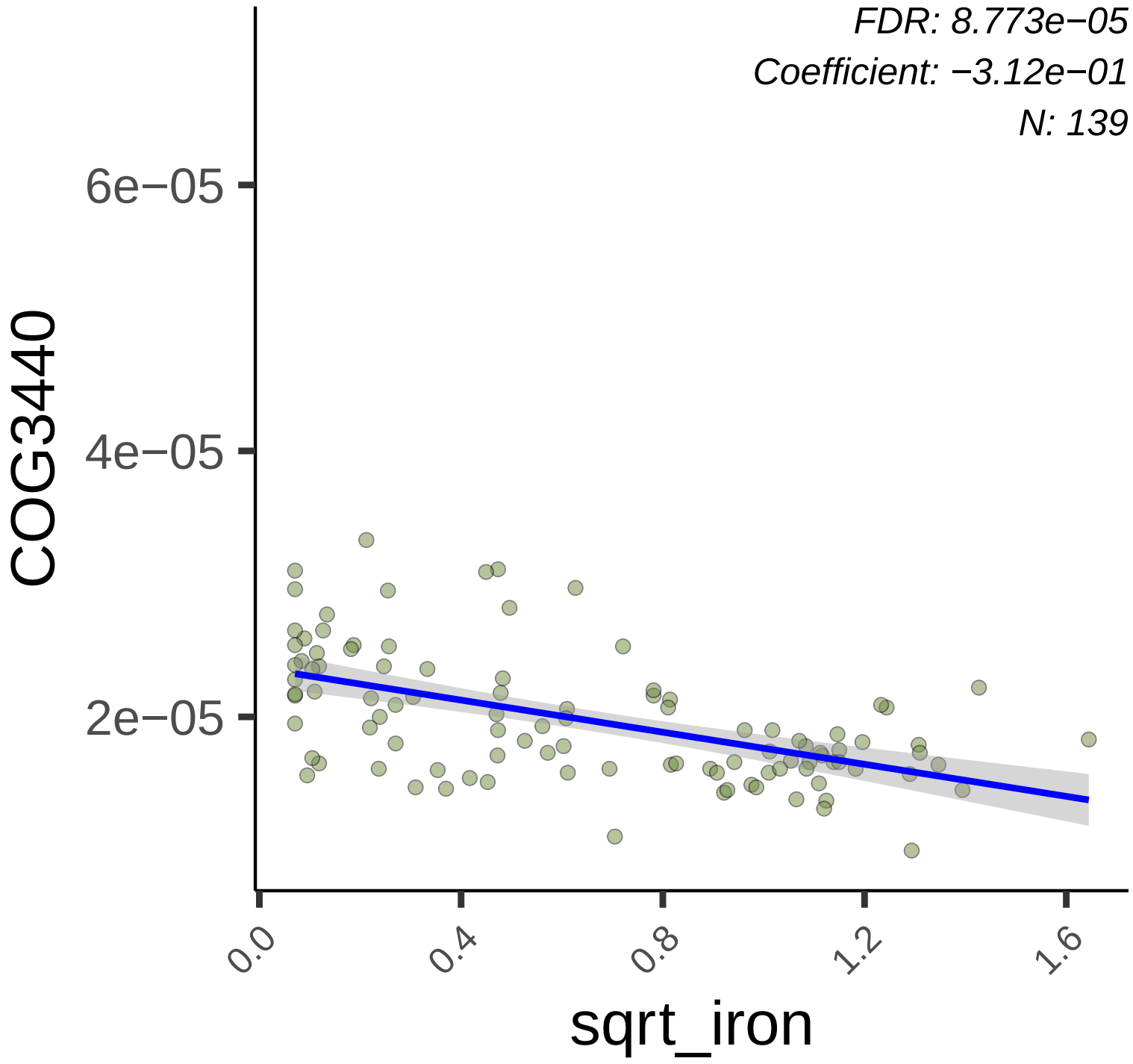
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 8.773e−05
Coefficient: −3.12e−01
N: 139
COG3440
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0.4
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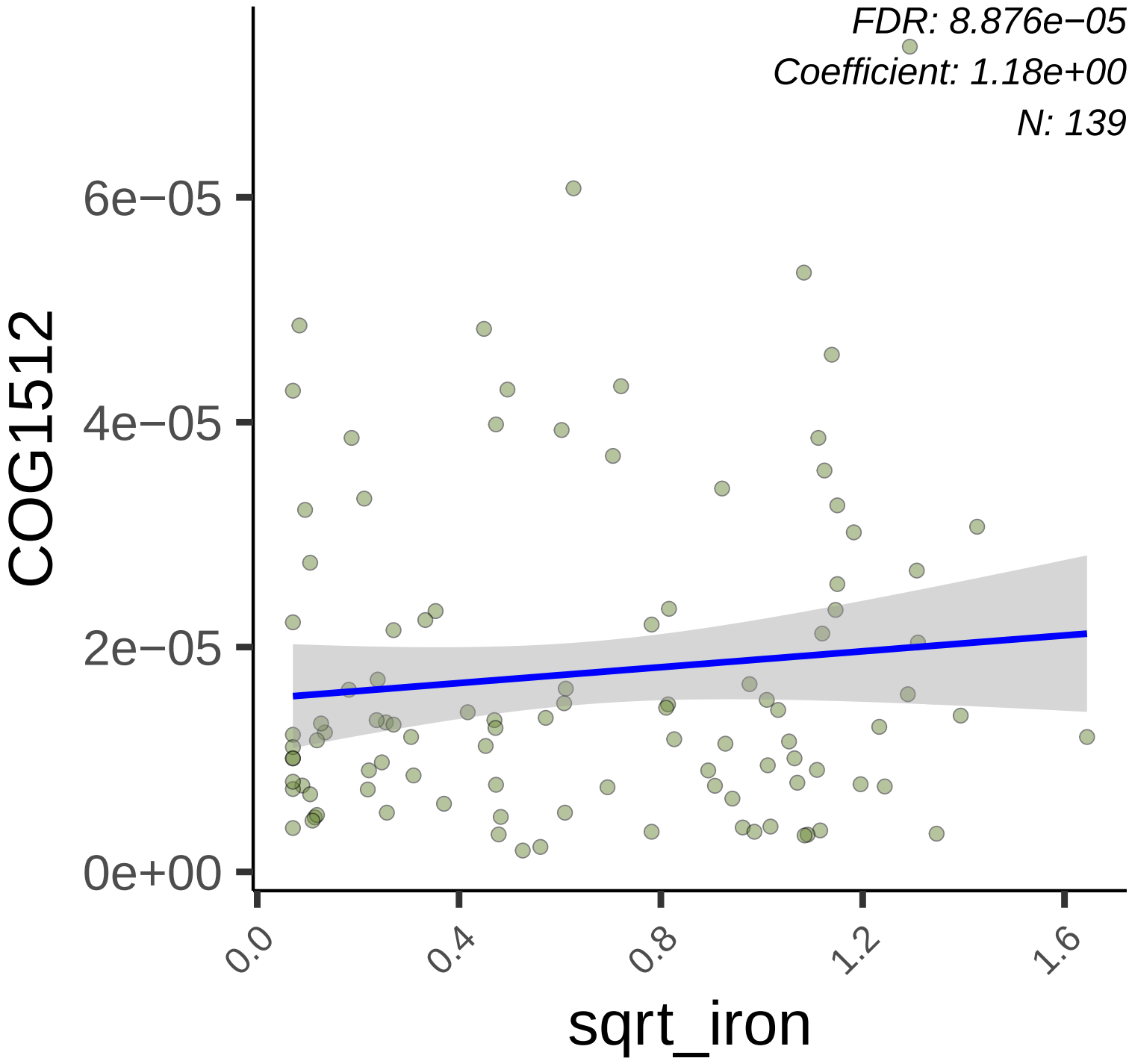
1.6
sqrt_iron


FDR: 8.876e−05
Coefficient: 1.18e+00
N: 139
COG1512
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2e−05
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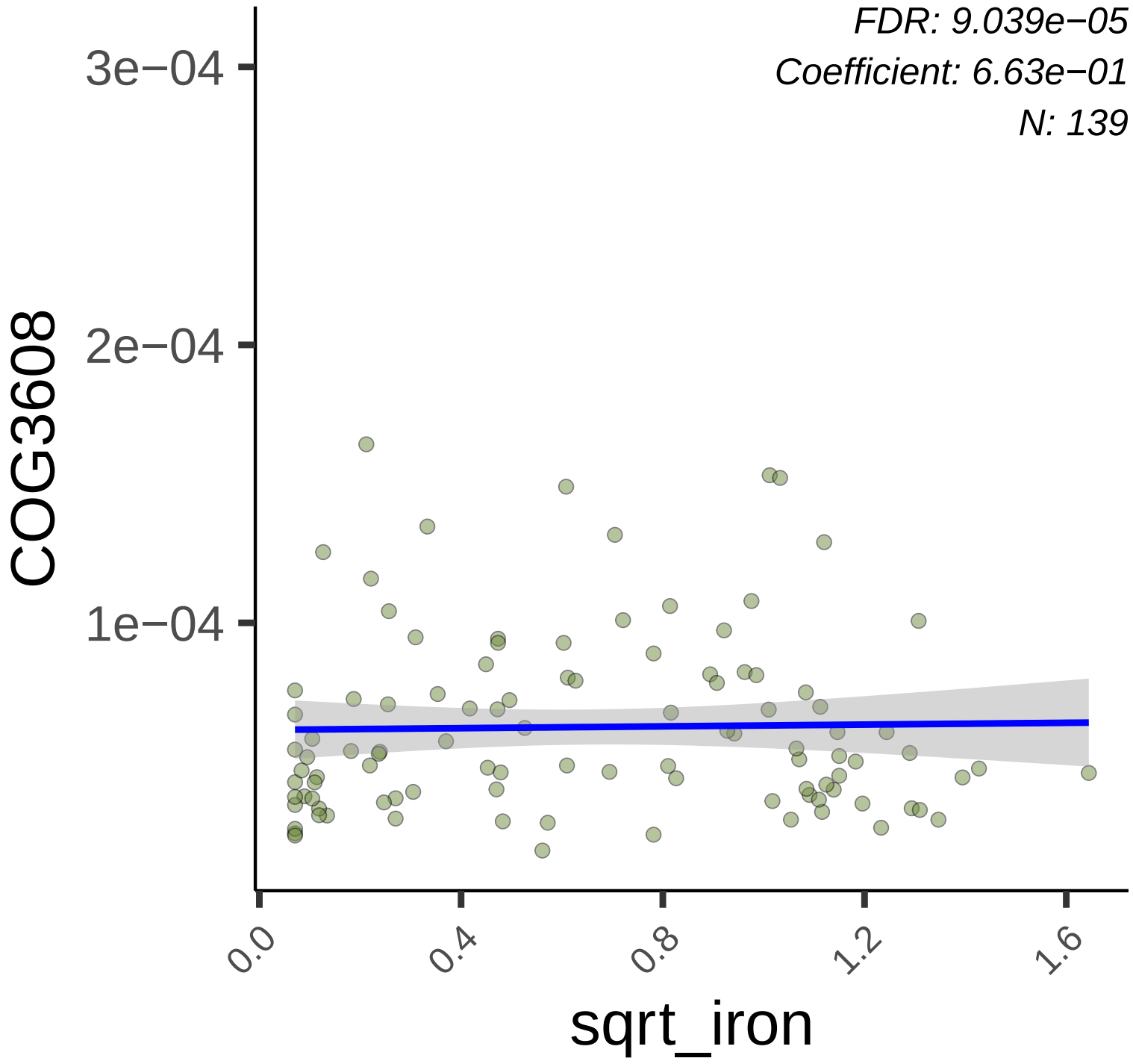
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 9.039e−05
Coefficient: 6.63e−01
N: 139
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COG3608
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0.4
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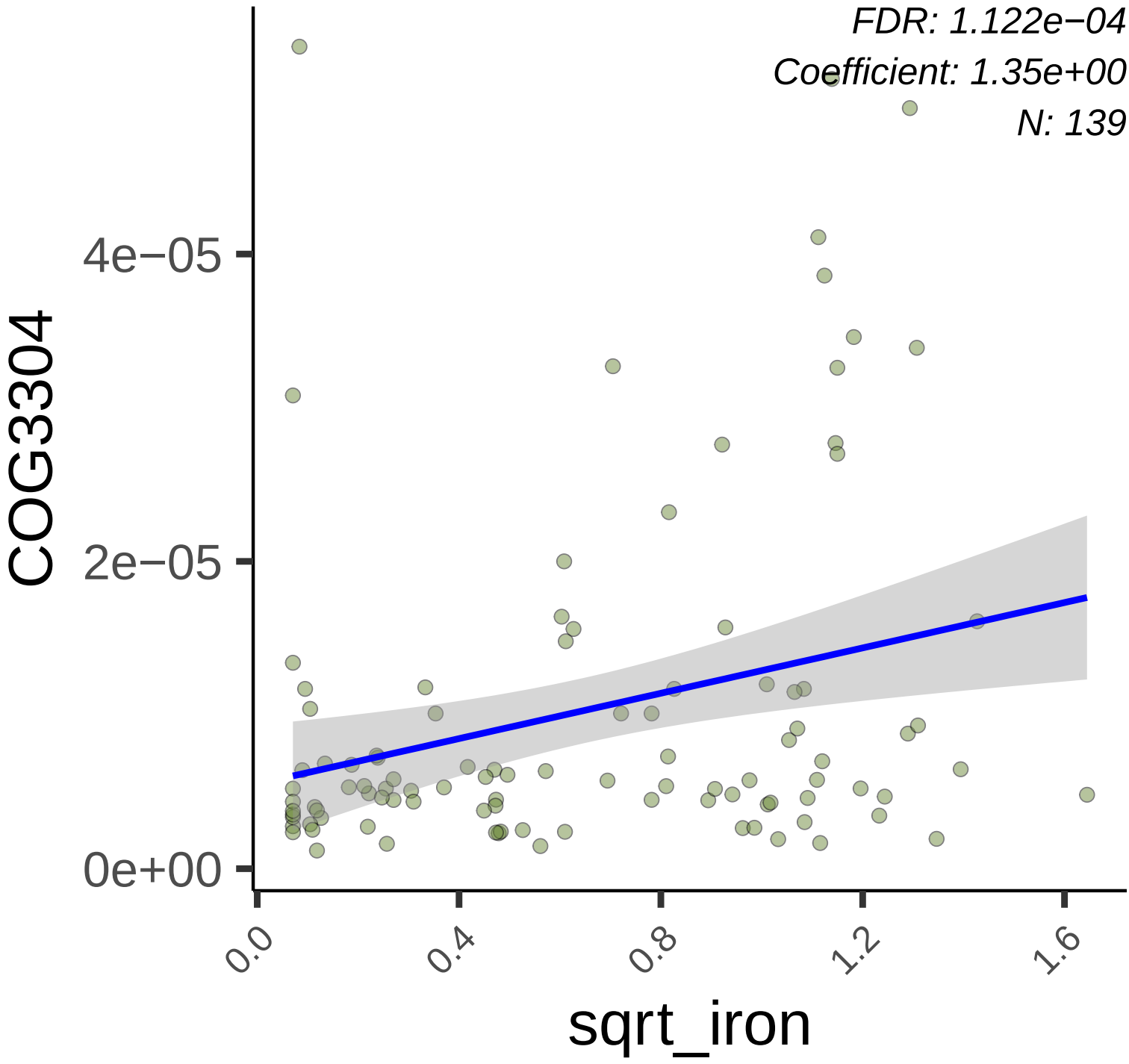
1.2
1.6
sqrt_iron


FDR: 1.122e−04
Coefficient: 1.35e+00
N: 139
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2e−05
0e+00
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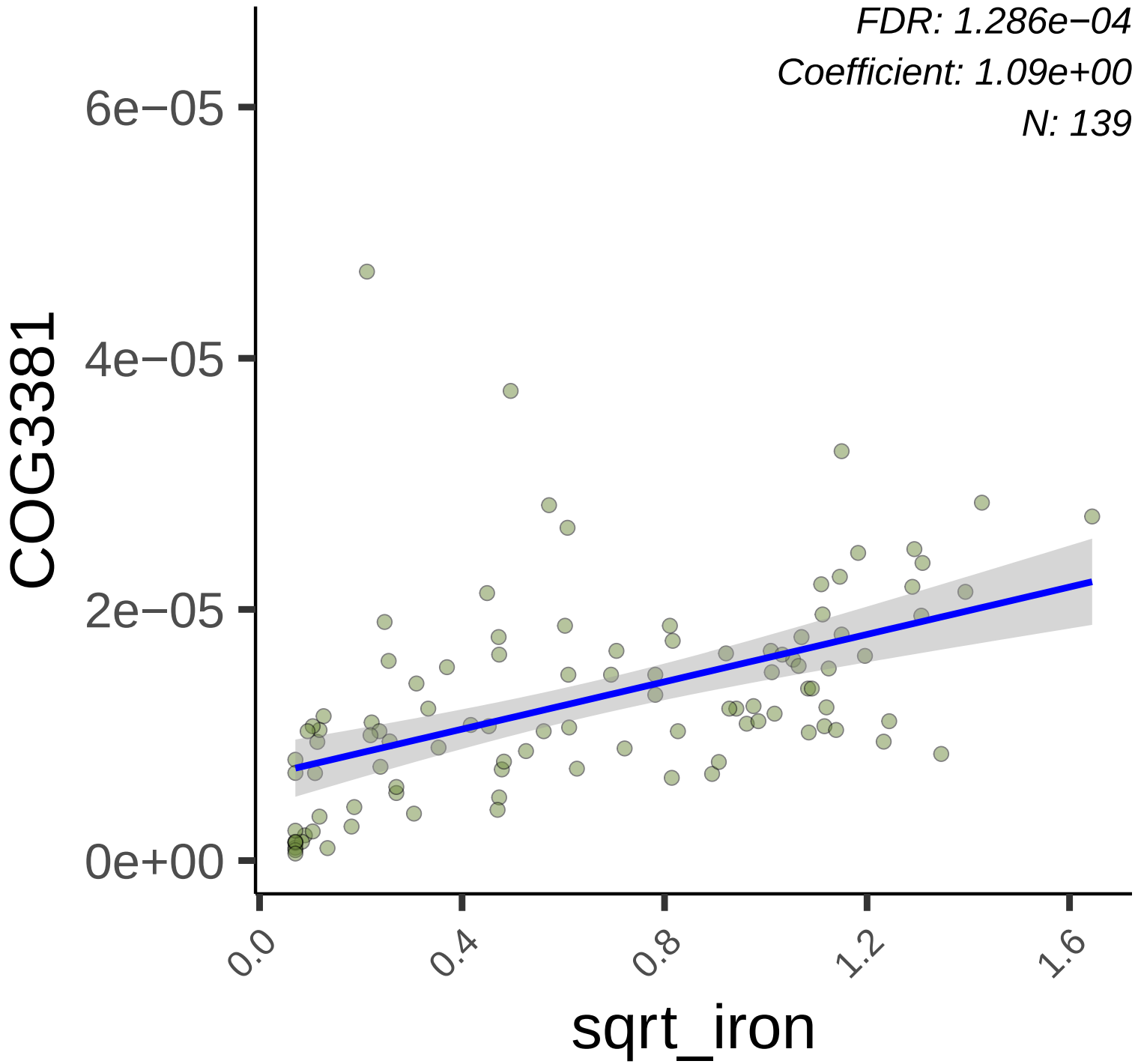
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.286e−04
Coefficient: 1.09e+00
N: 139
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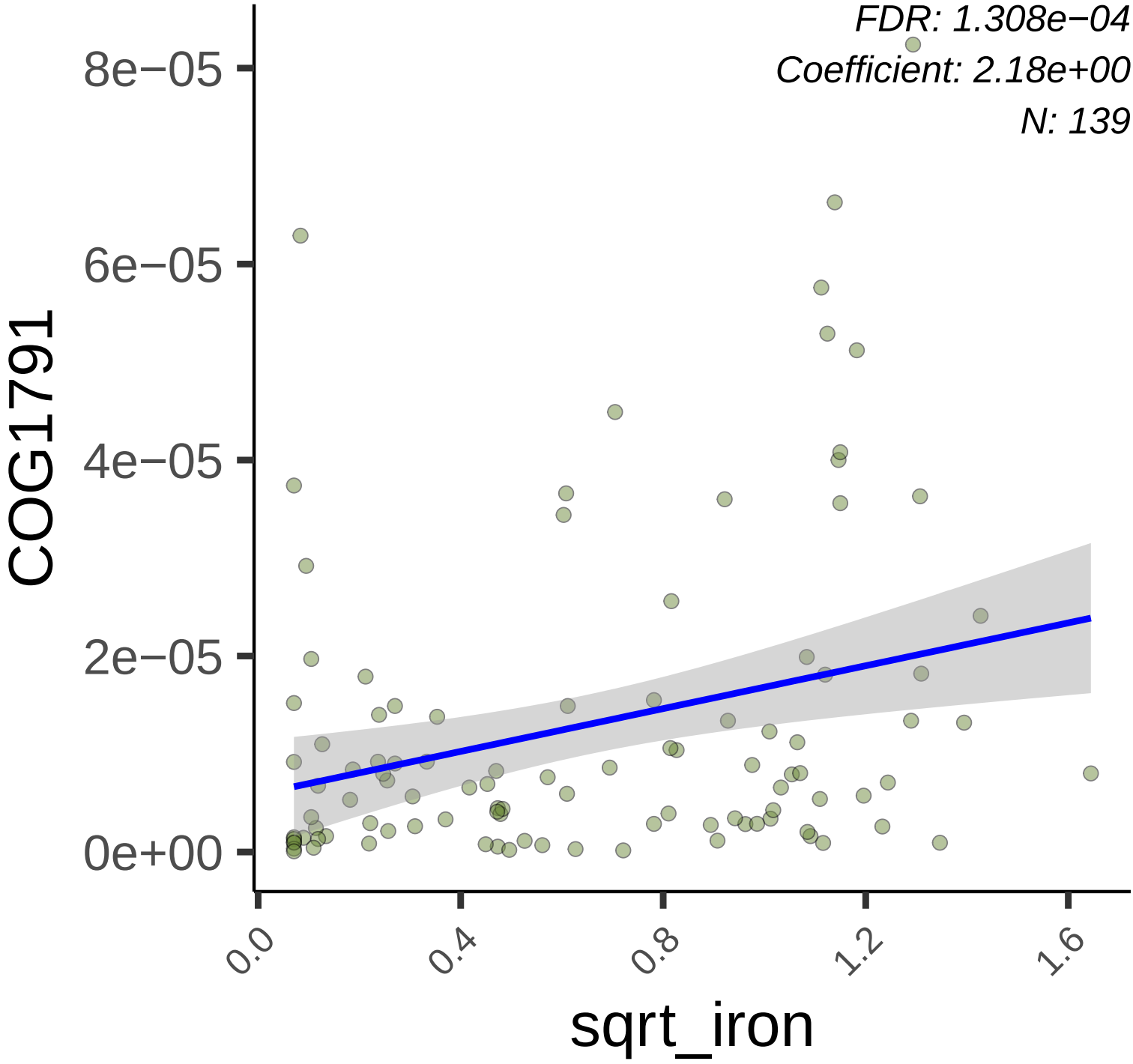
1.6
sqrt_iron


FDR: 1.308e−04
Coefficient: 2.18e+00
N: 139
COG1791
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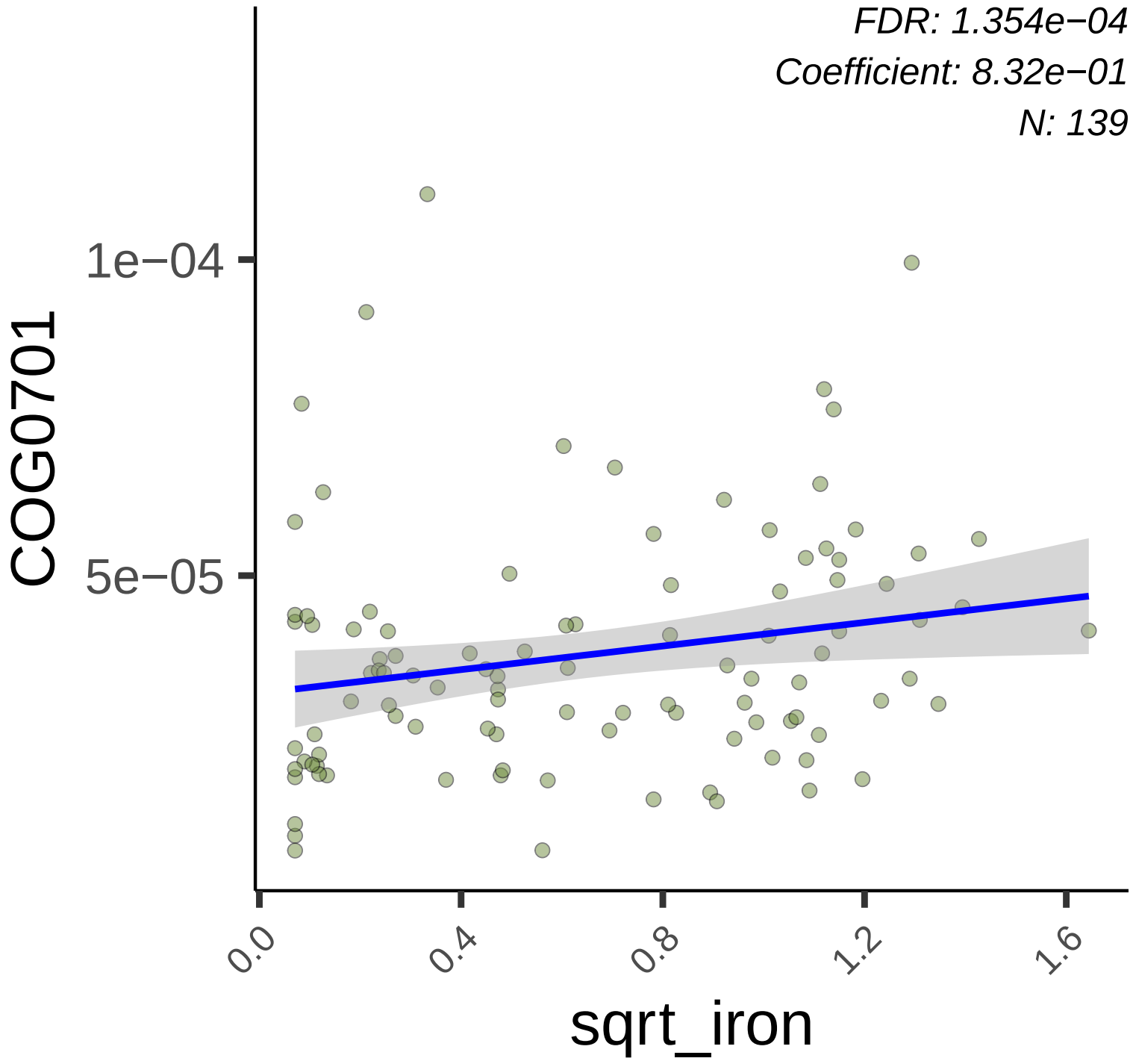
1.6
sqrt_iron


FDR: 1.354e−04
Coefficient: 8.32e−01
N: 139
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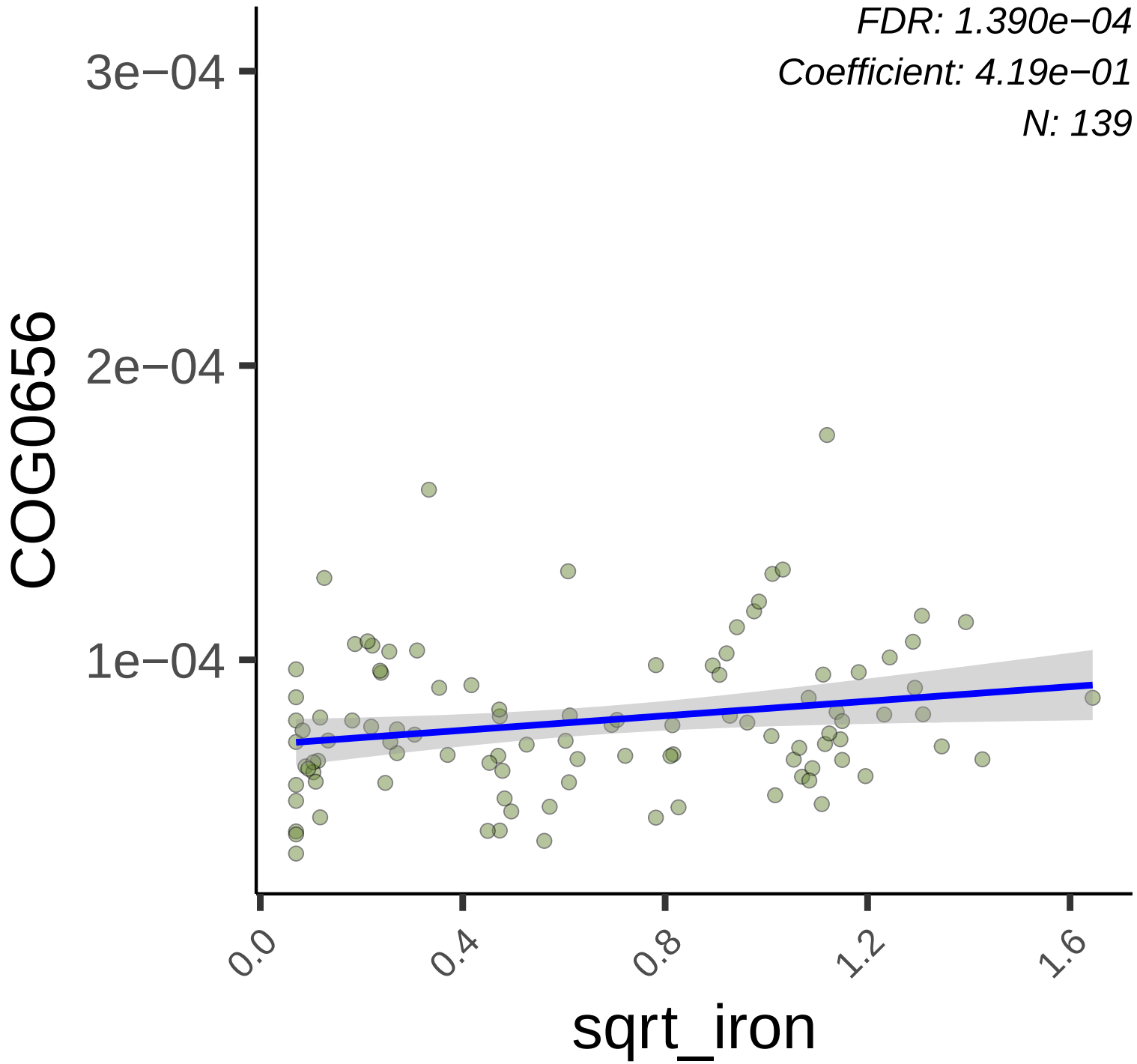
1.6
sqrt_iron


FDR: 1.390e−04
Coefficient: 4.19e−01
N: 139
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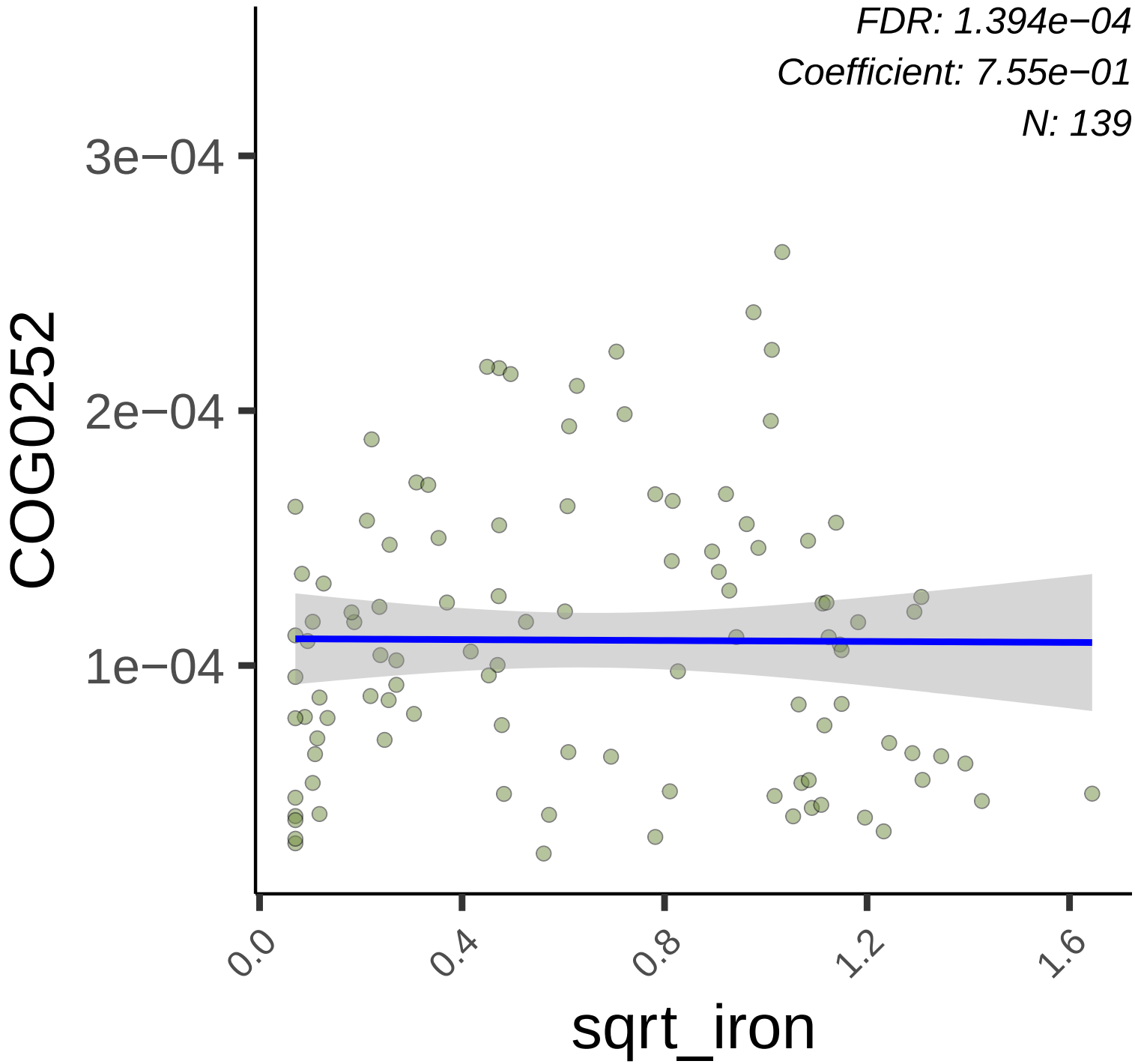
sqrt_iron


FDR: 1.394e−04
Coefficient: 7.55e−01
N: 139
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COG0252
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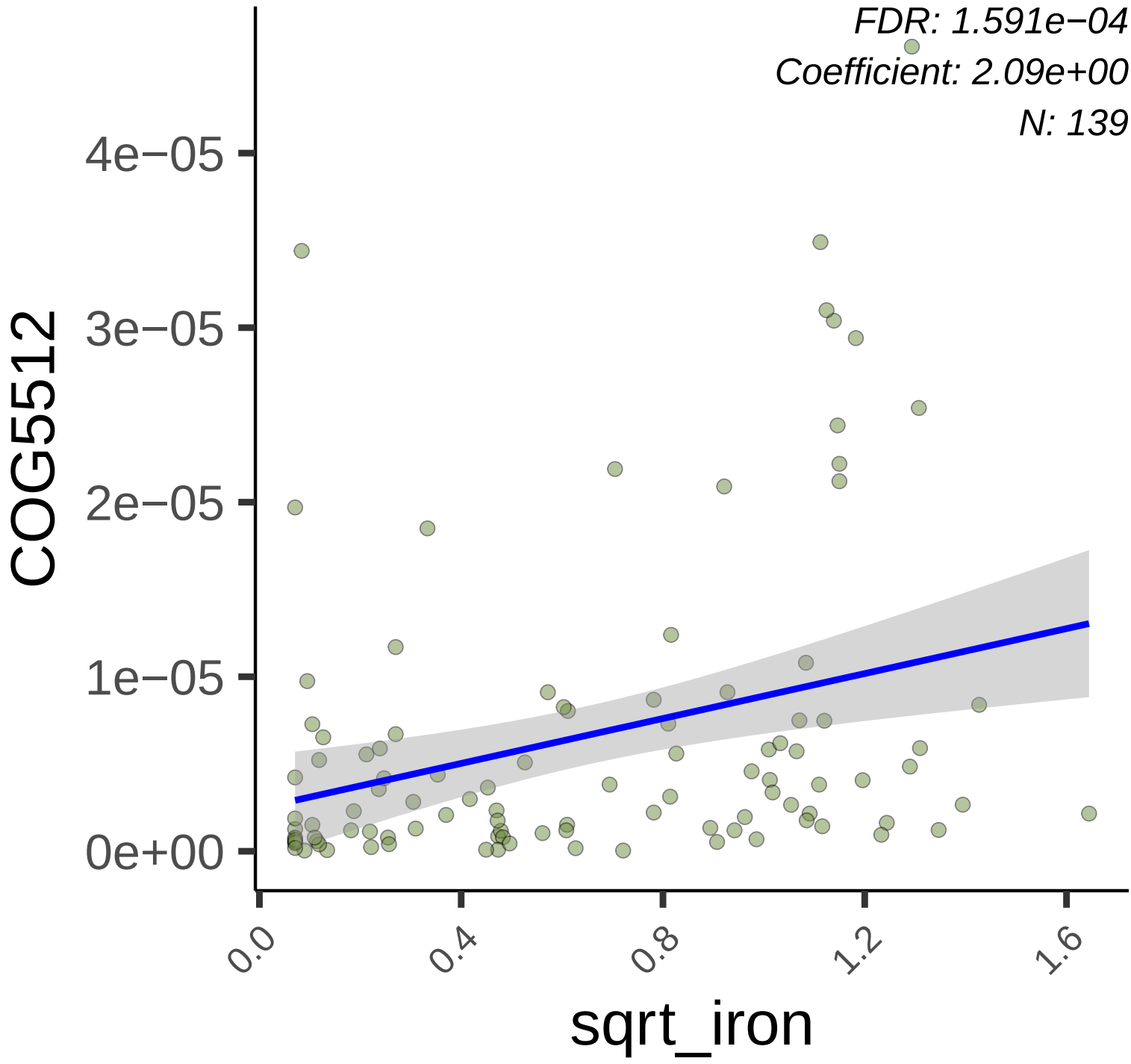
1.6
sqrt_iron


FDR: 1.591e−04
Coefficient: 2.09e+00
N: 139
COG5512
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1e−05
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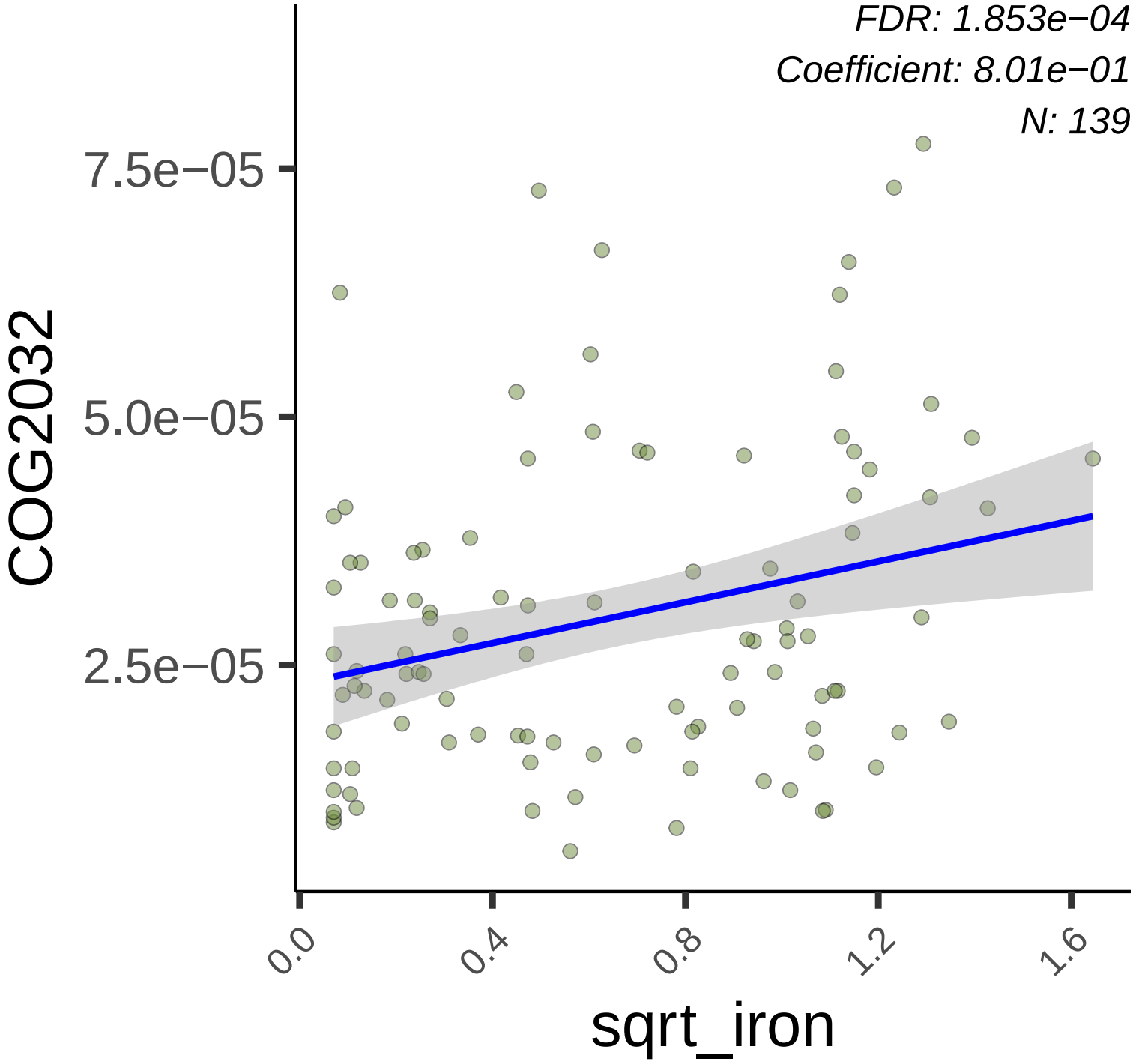
1.6
sqrt_iron


FDR: 1.853e−04
Coefficient: 8.01e−01
N: 139
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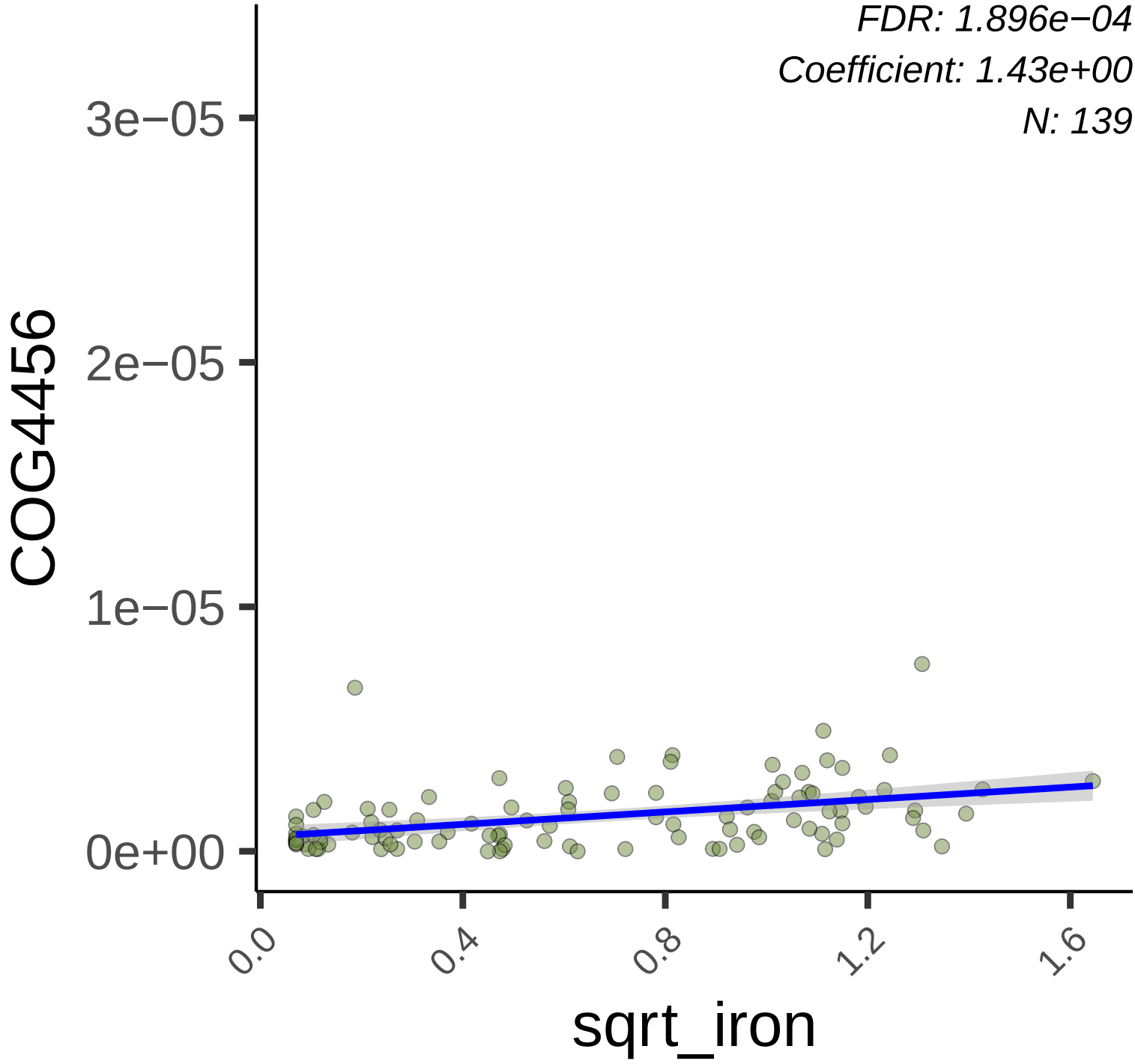
1.2
1.6
sqrt_iron


FDR: 1.896e−04
Coefficient: 1.43e+00
N: 139
COG4456
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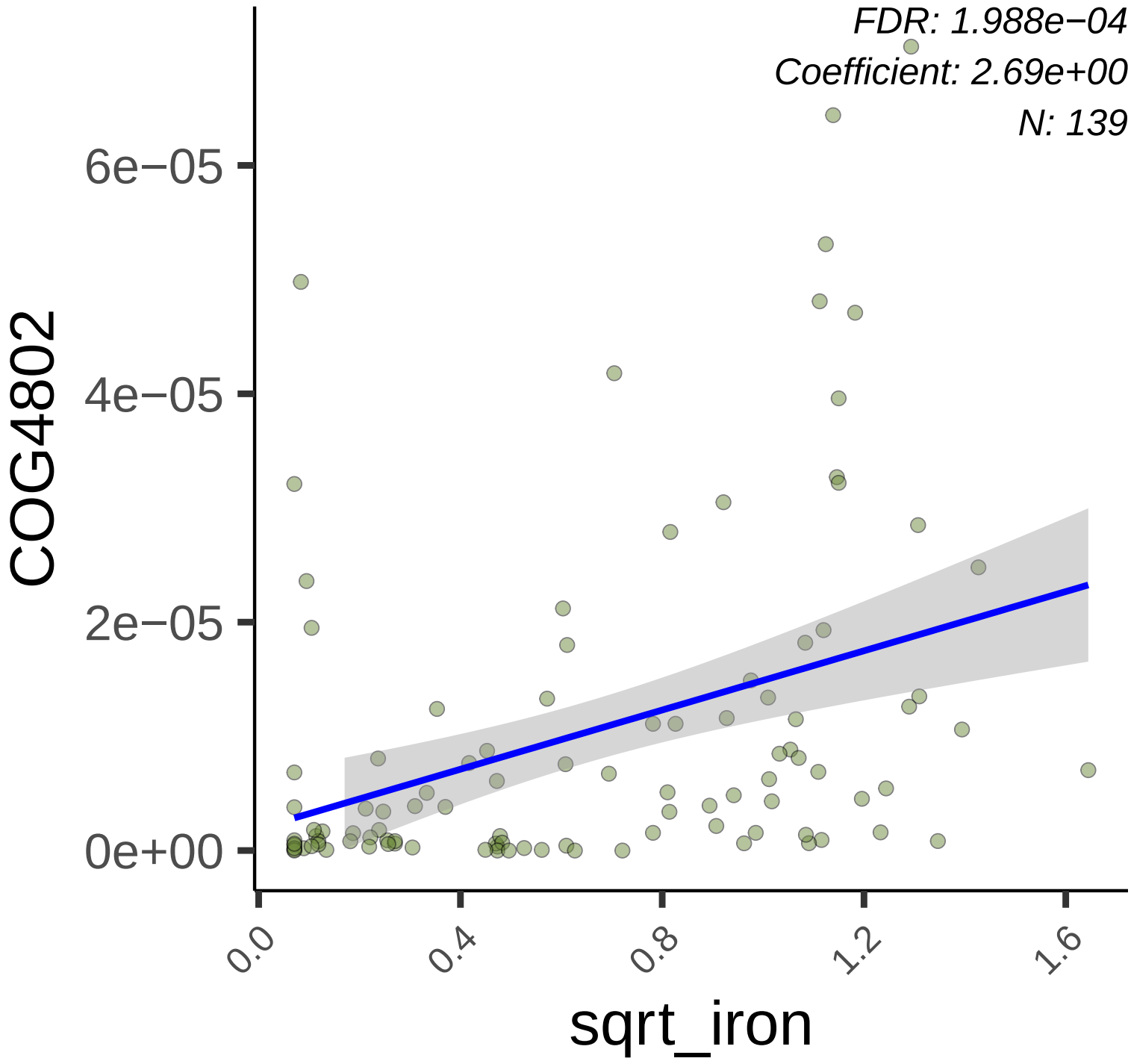
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.988e−04
Coefficient: 2.69e+00
N: 139
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4e−05
2e−05
0e+00
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0.4
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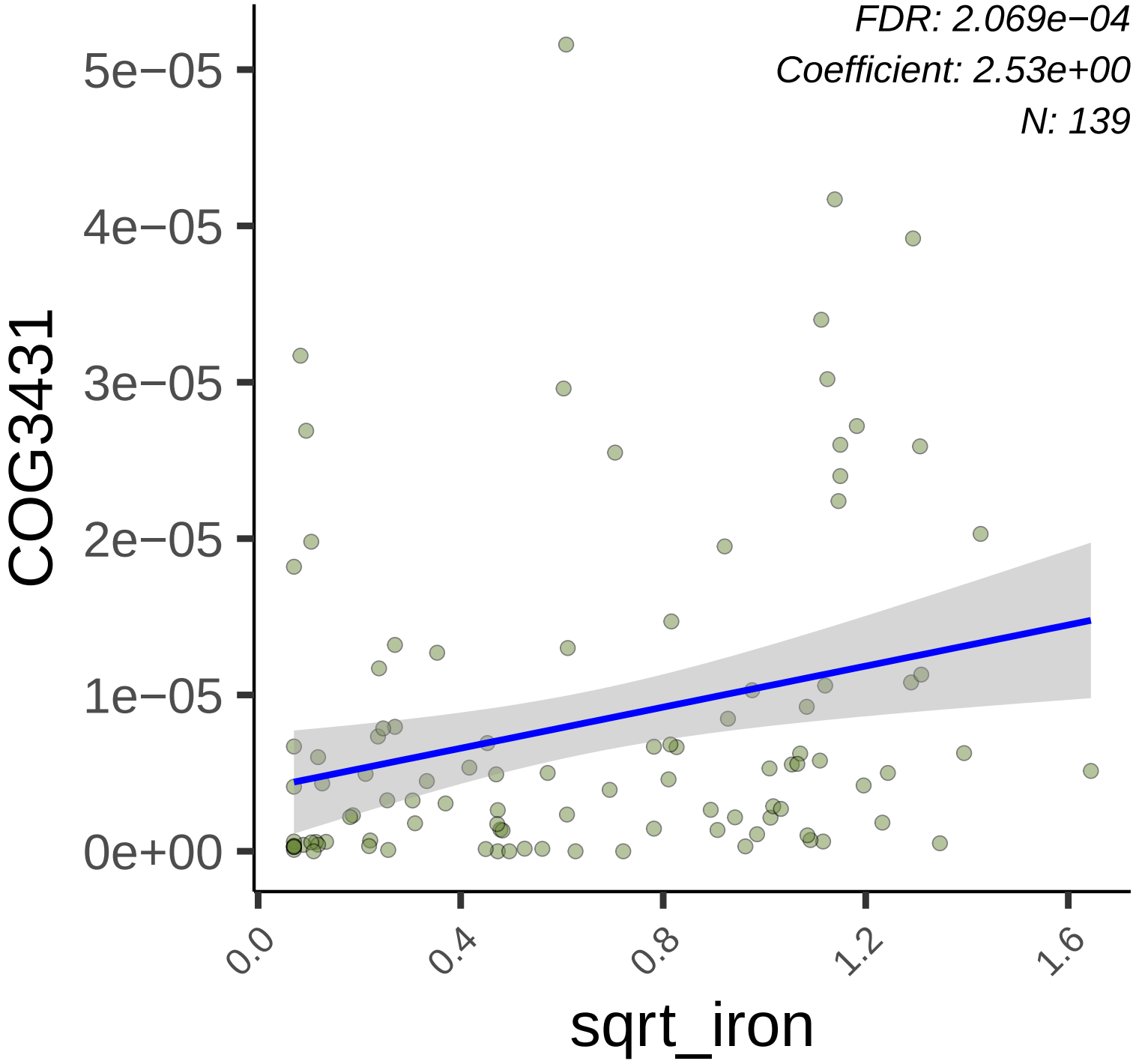
1.2
1.6
sqrt_iron


FDR: 2.069e−04
Coefficient: 2.53e+00
N: 139
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2e−05
1e−05
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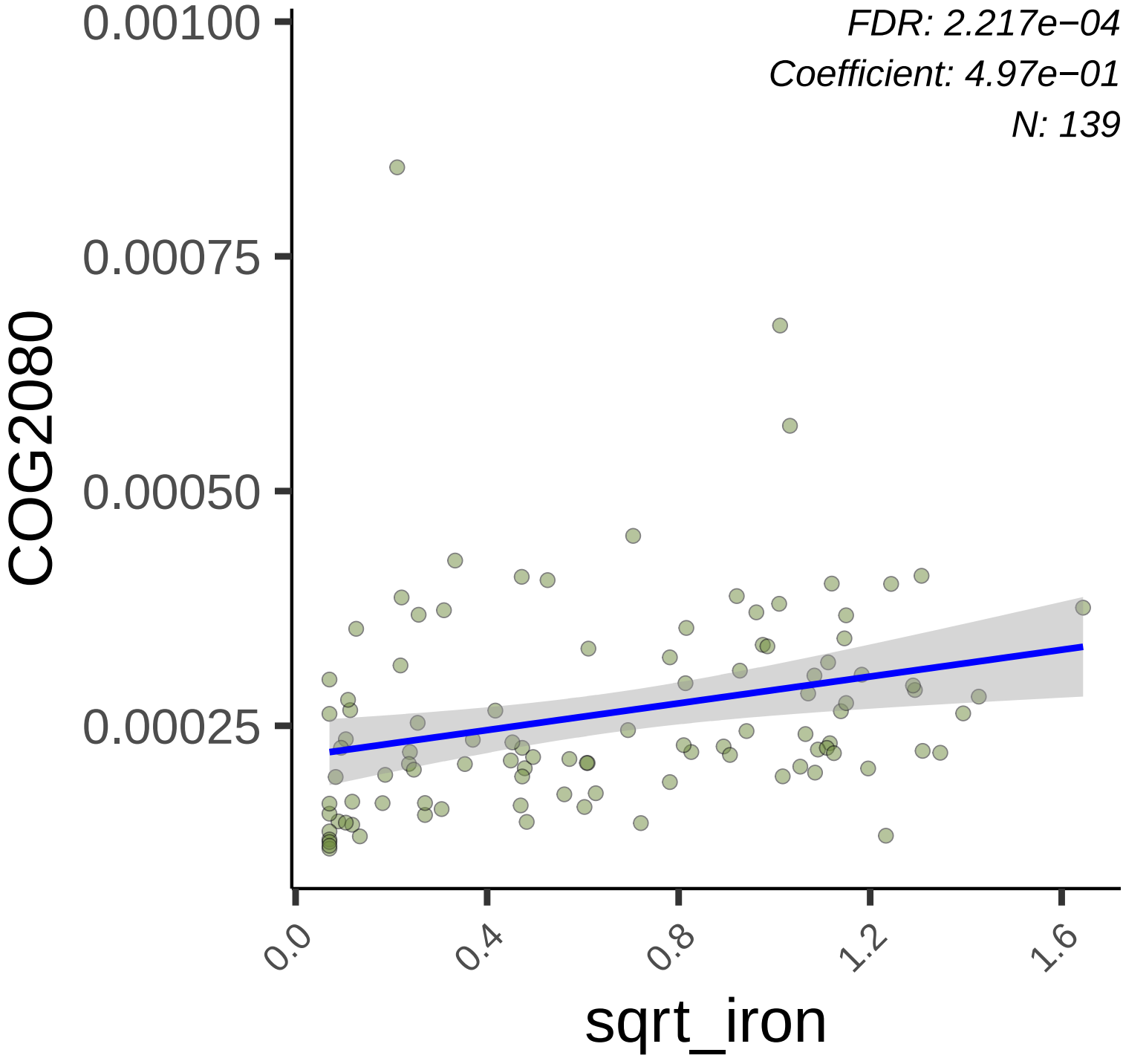
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.217e−04
Coefficient: 4.97e−01
N: 139
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COG2080
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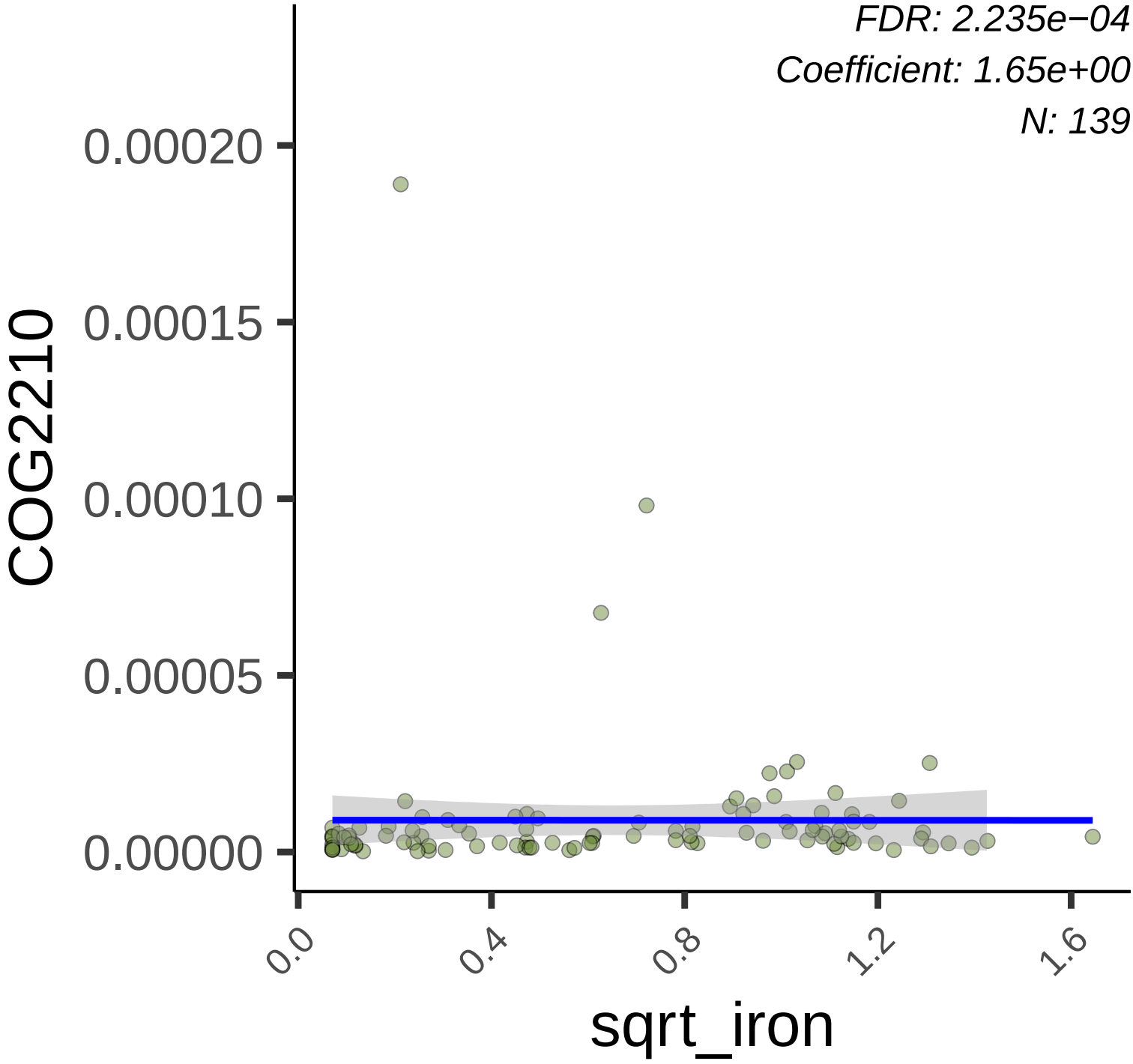
sqrt_iron


FDR: 2.235e−04
Coefficient: 1.65e+00
N: 139
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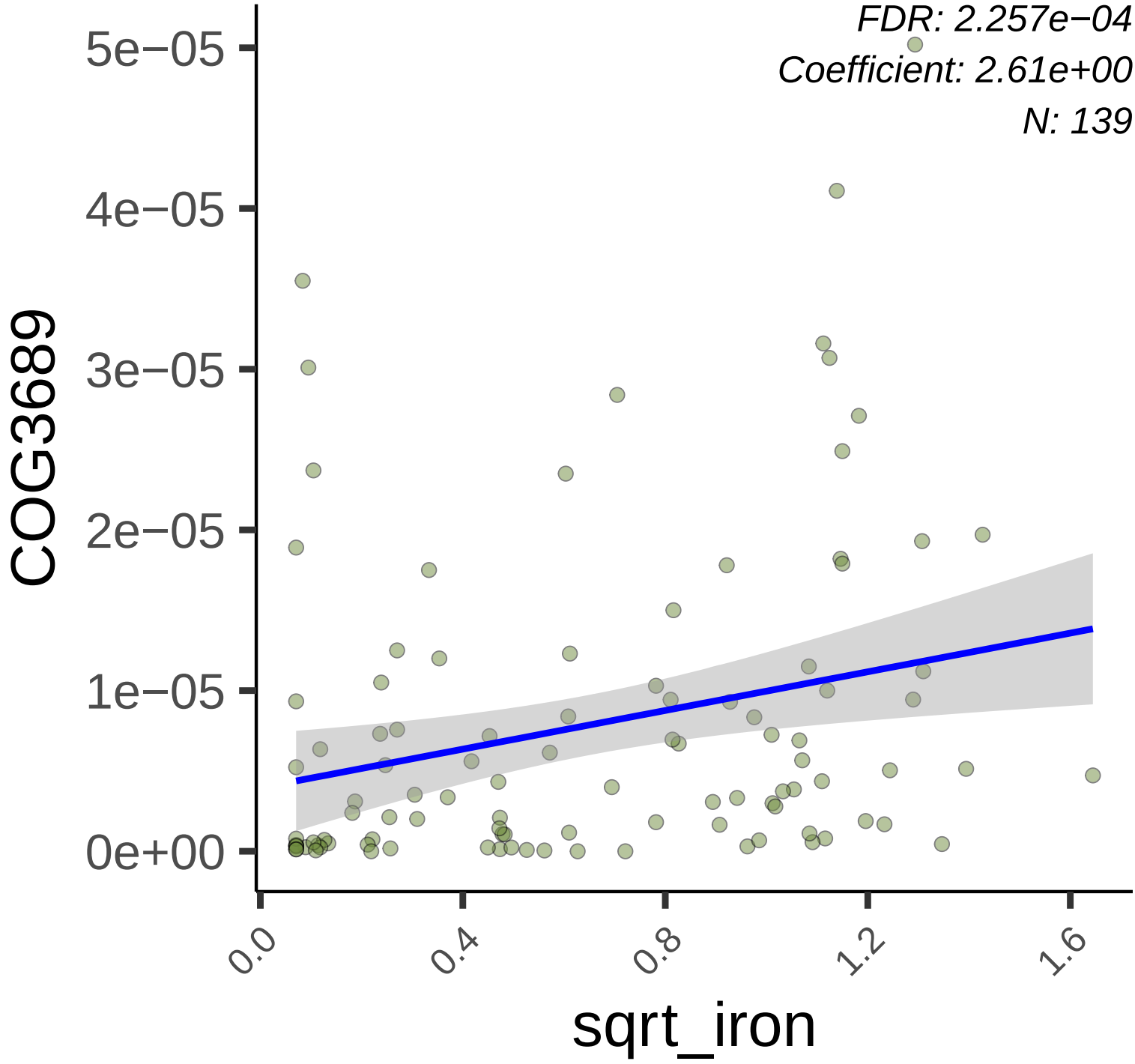
1.6
sqrt_iron


FDR: 2.257e−04
Coefficient: 2.61e+00
N: 139
COG3689
5e−05
4e−05
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2e−05
1e−05
0e+00
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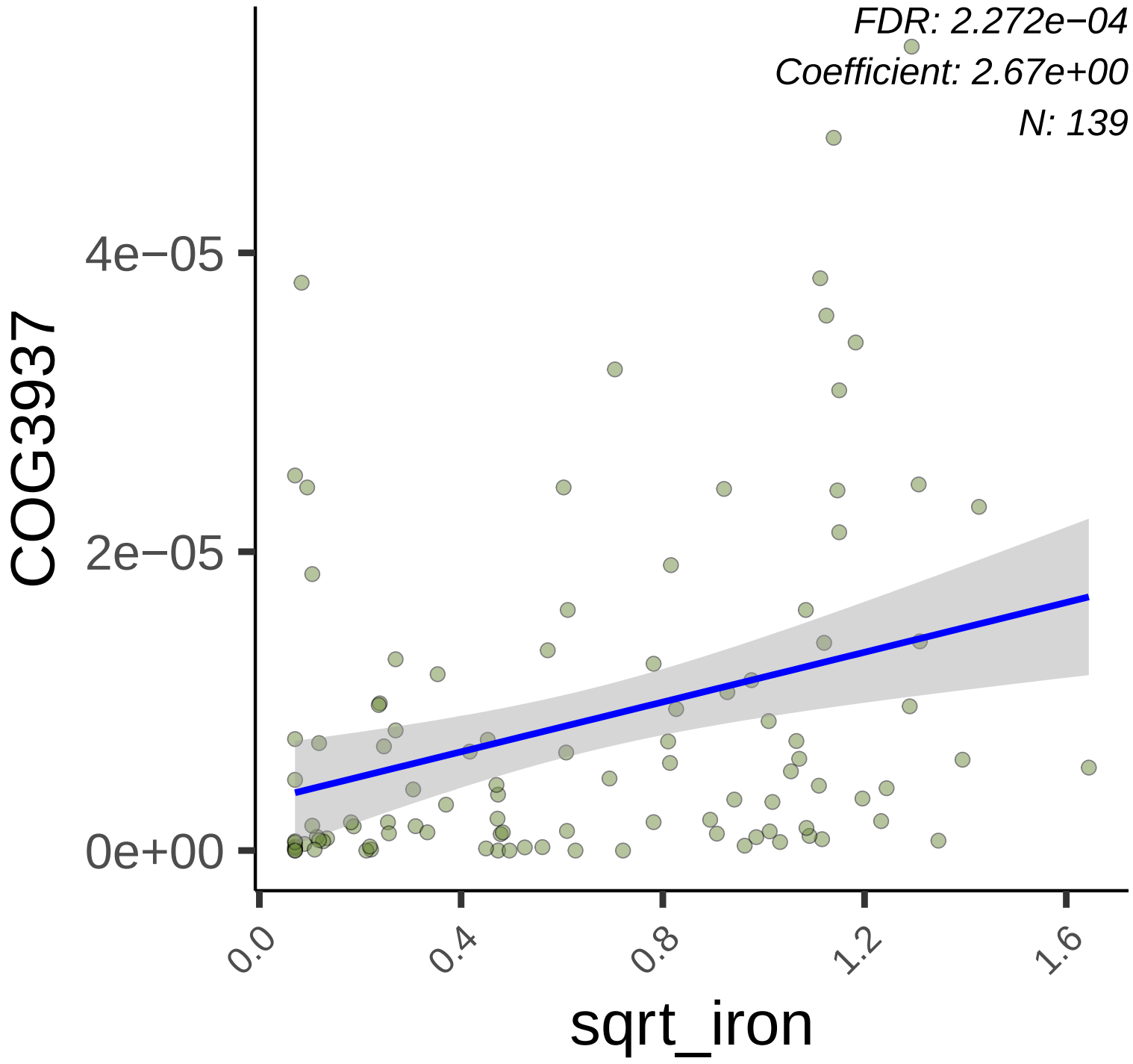
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.272e−04
Coefficient: 2.67e+00
N: 139
COG3937
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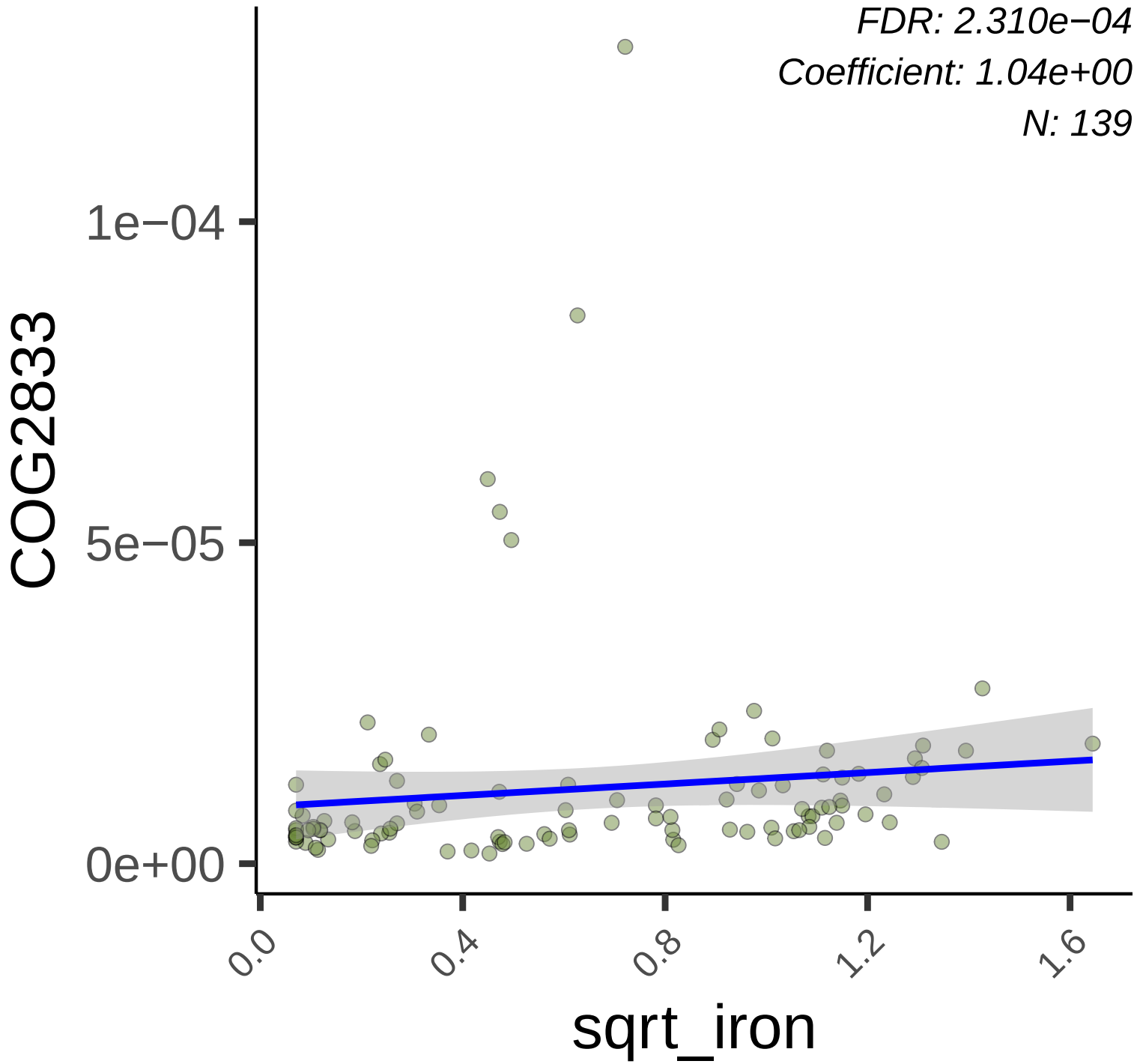
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.310e−04
Coefficient: 1.04e+00
N: 139
COG2833
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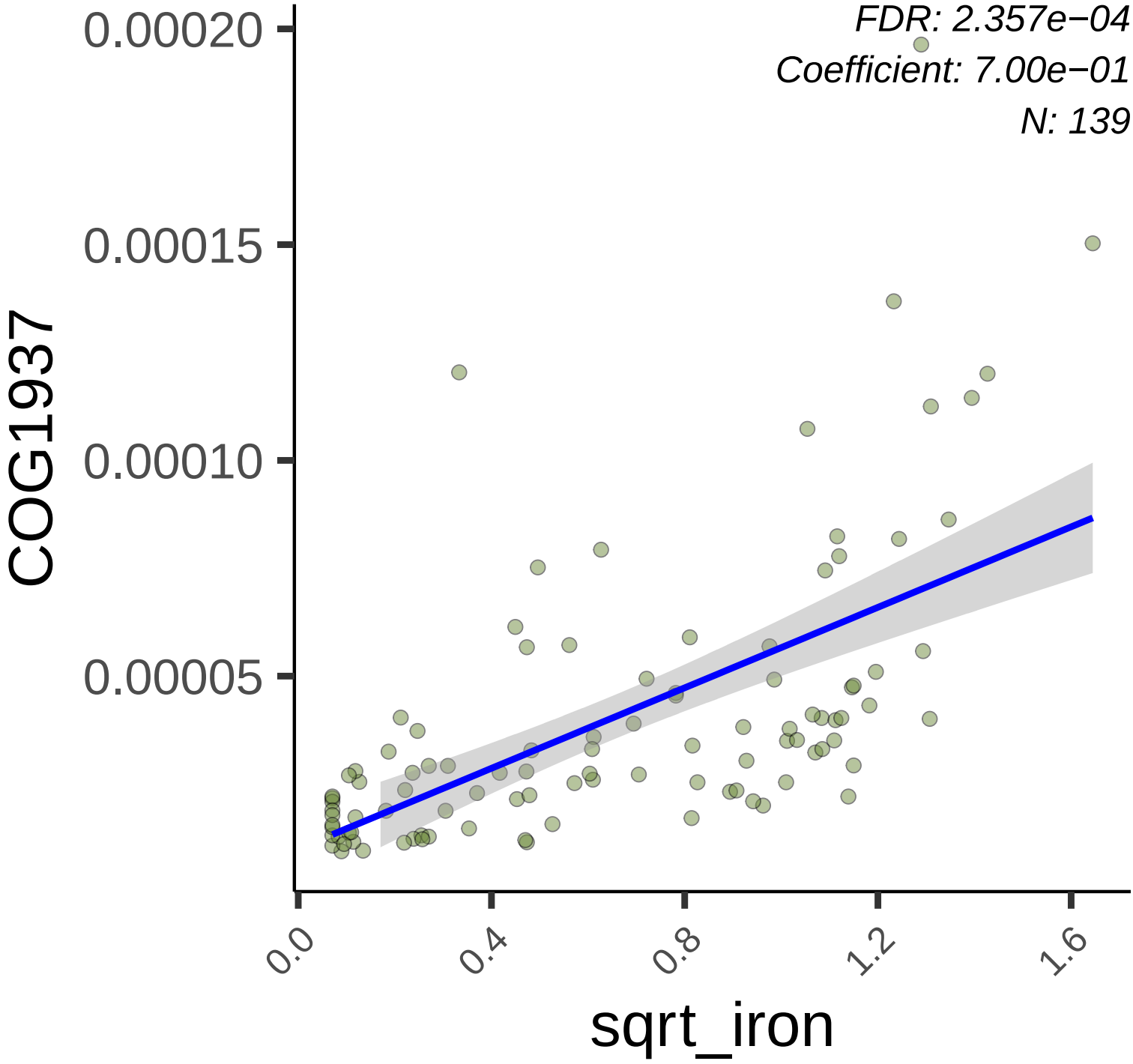
0.8
1.2
1.6
sqrt_iron


FDR: 2.357e−04
Coefficient: 7.00e−01
N: 139
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COG1937
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0.4
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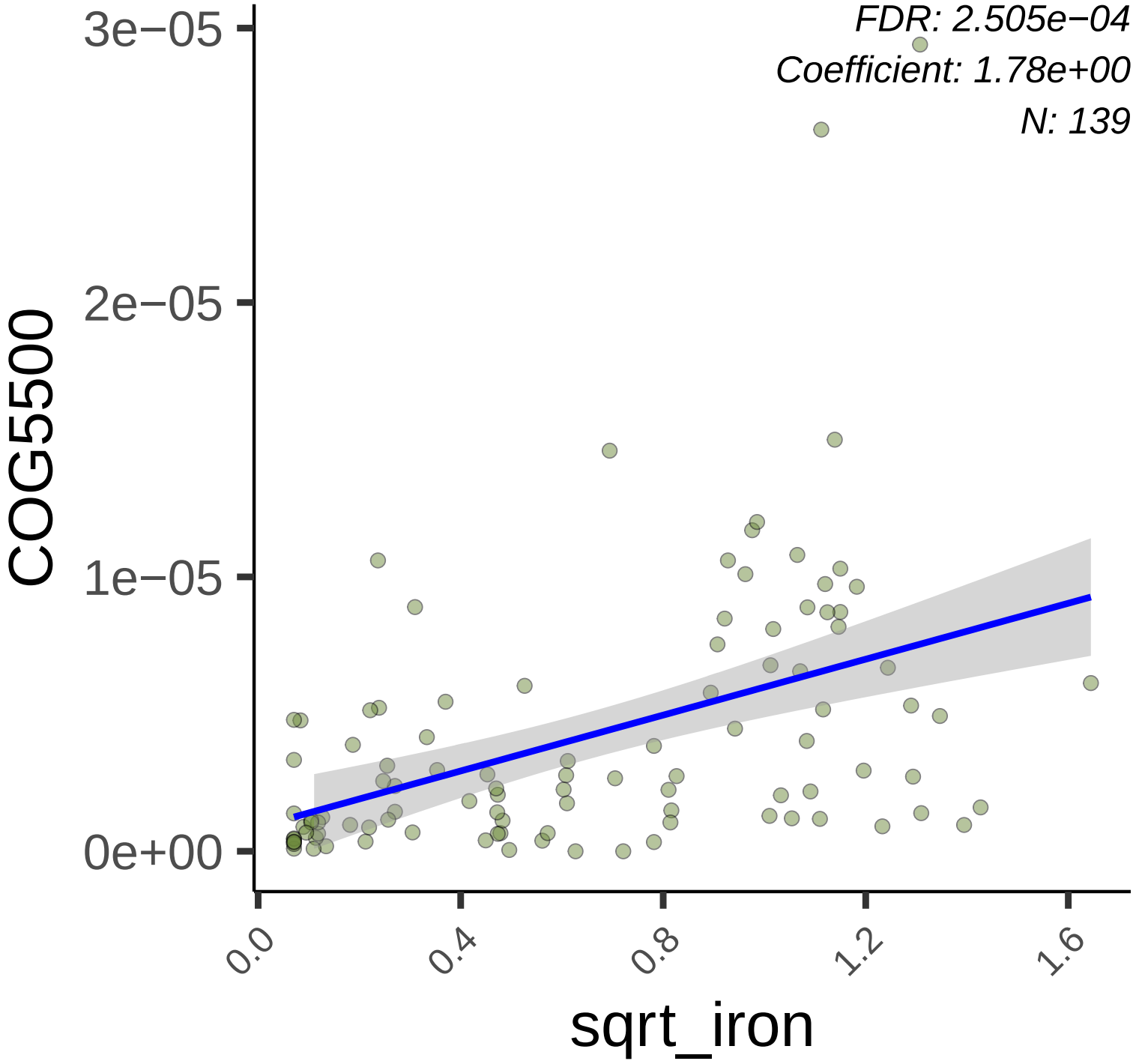
1.2
1.6
sqrt_iron


FDR: 2.505e−04
Coefficient: 1.78e+00
N: 139
3e−05
2e−05
1e−05
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COG5500
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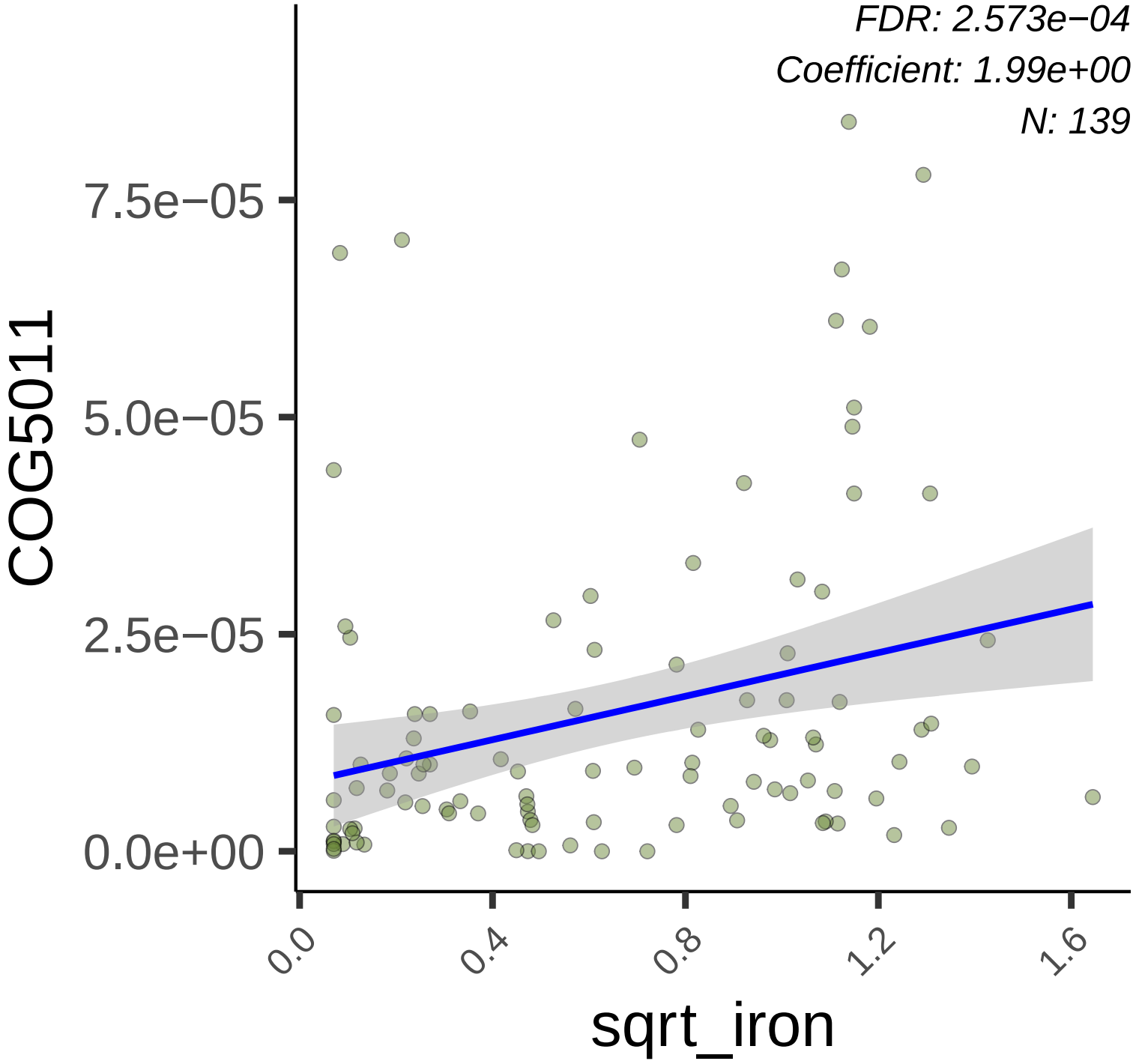
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.573e−04
Coefficient: 1.99e+00
N: 139
COG5011
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2.5e−05
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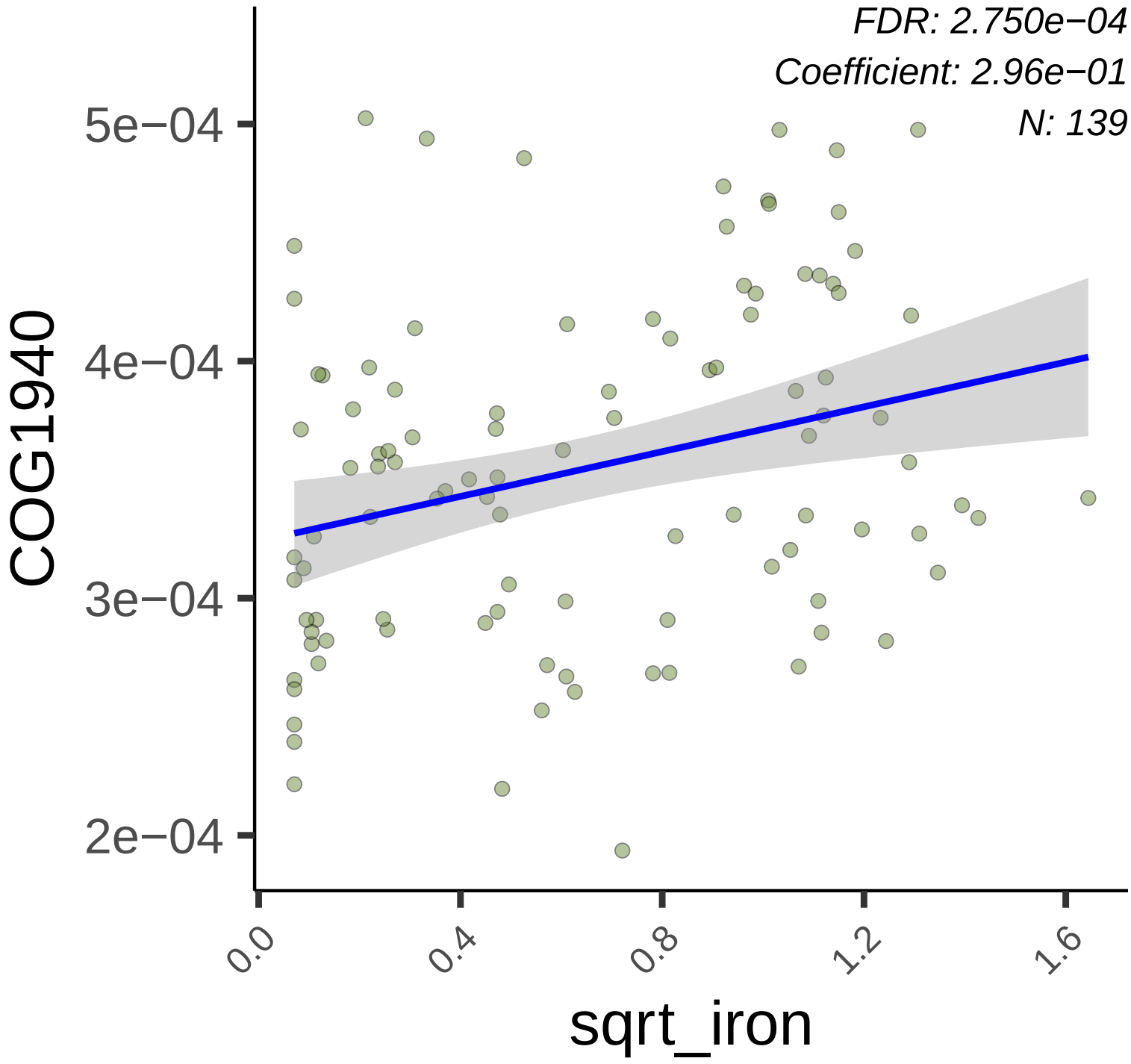
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.750e−04
Coefficient: 2.96e−01
N: 139
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3e−04
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COG1940
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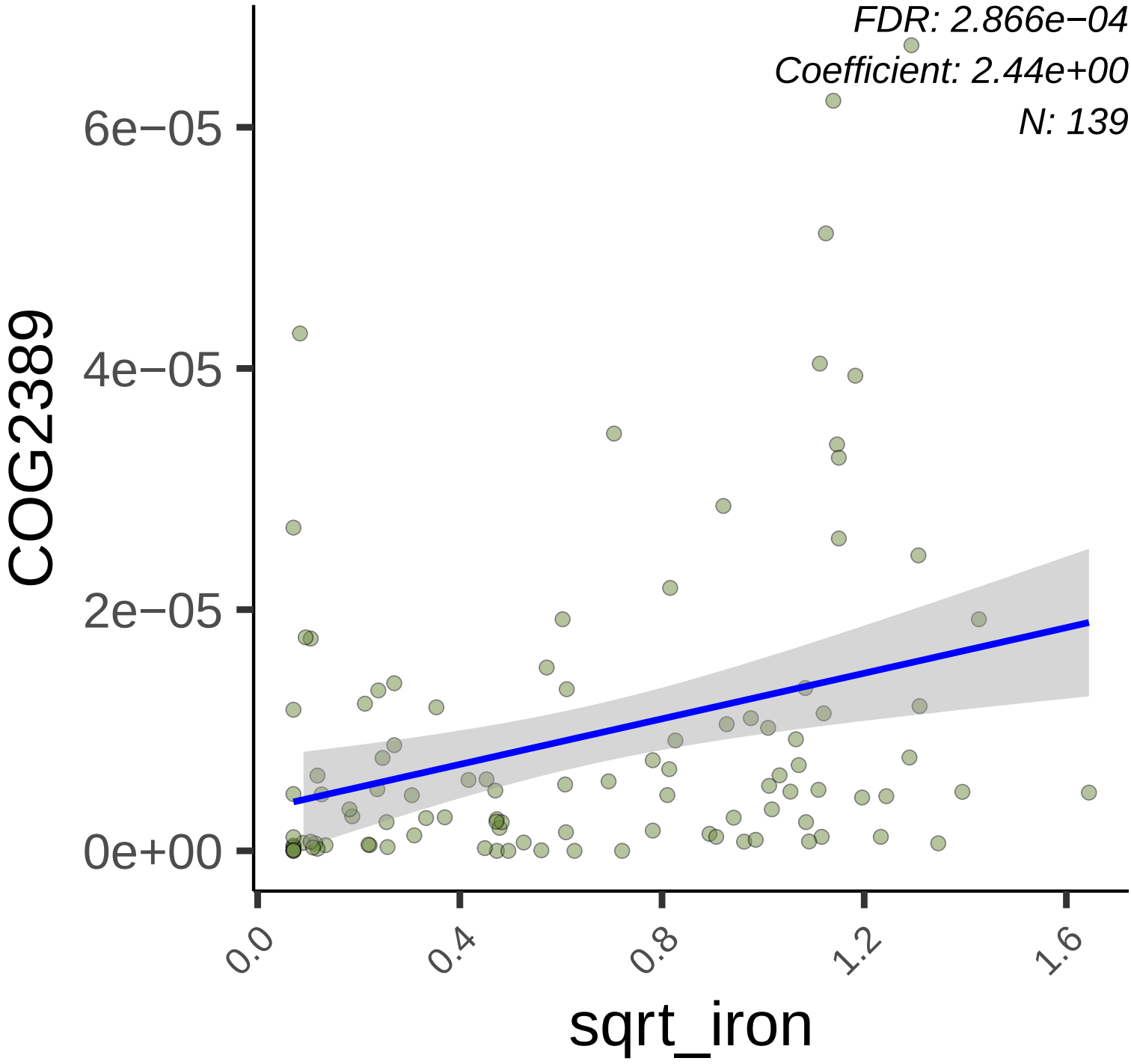
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.866e−04
Coefficient: 2.44e+00
N: 139
COG2389
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4e−05
2e−05
0e+00
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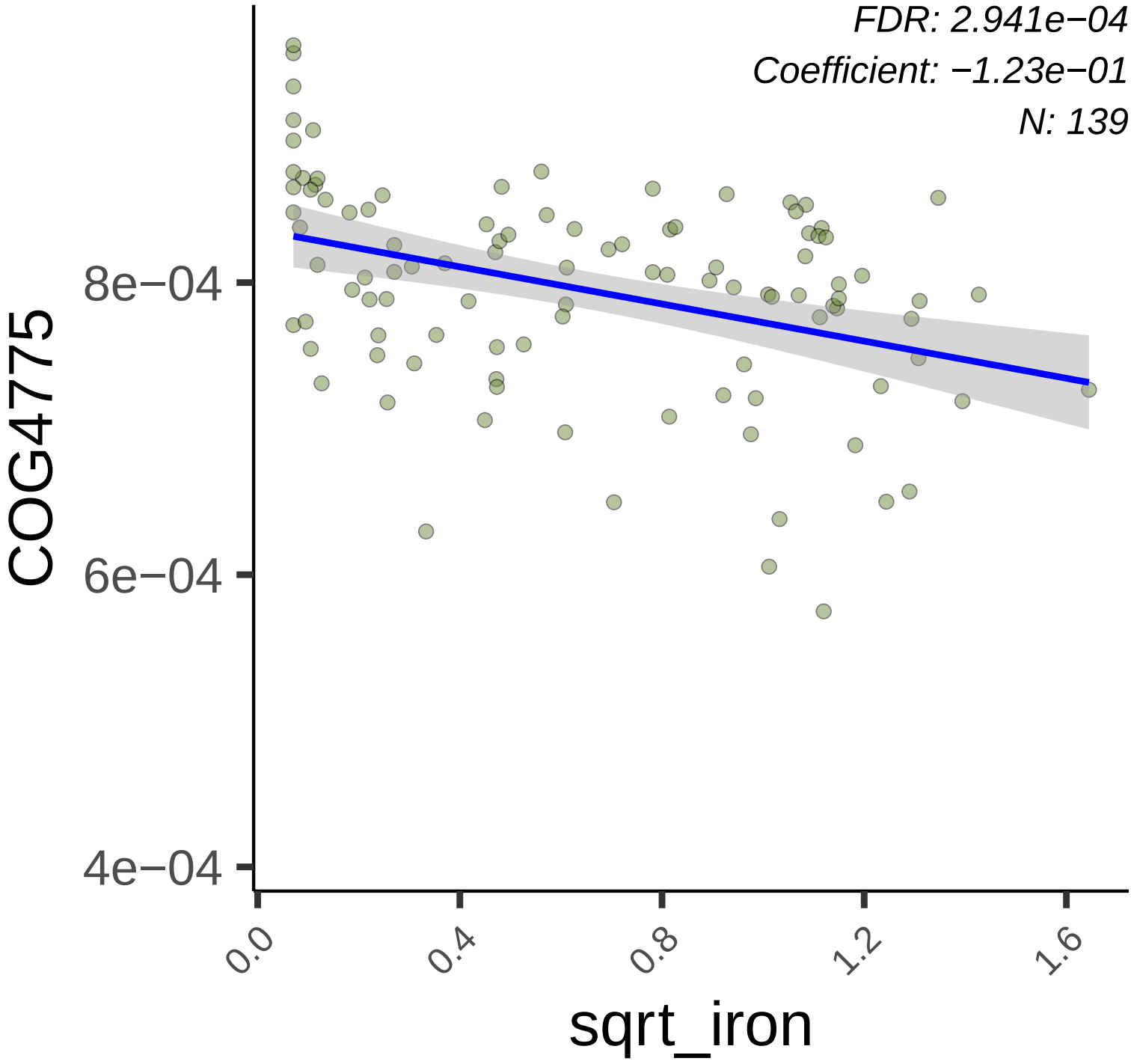
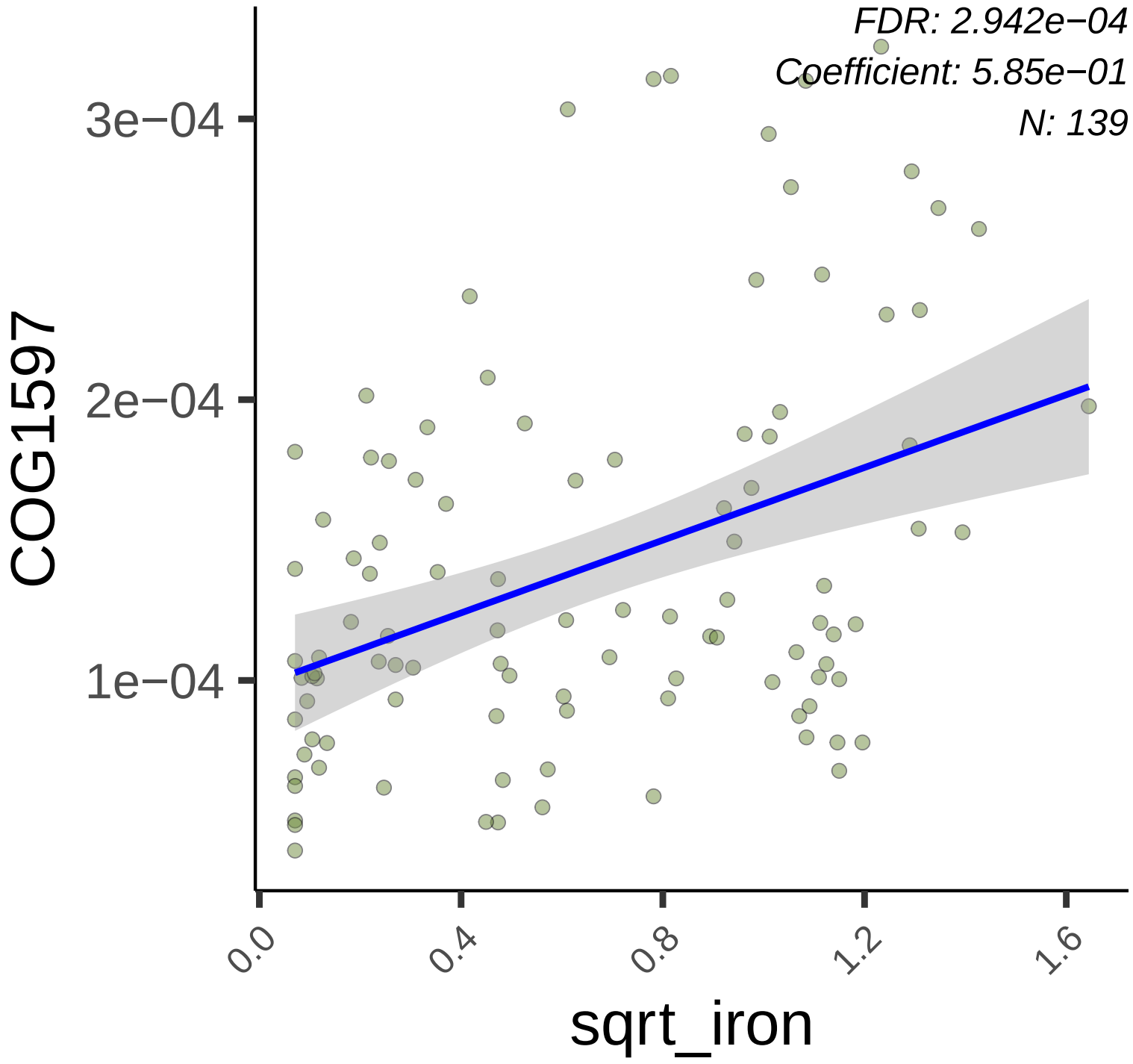
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.941e−04
Coefficient: −1.23e−01
N: 139
COG4775
8e−04
6e−04
4e−04
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.942e−04
Coefficient: 5.85e−01
N: 139
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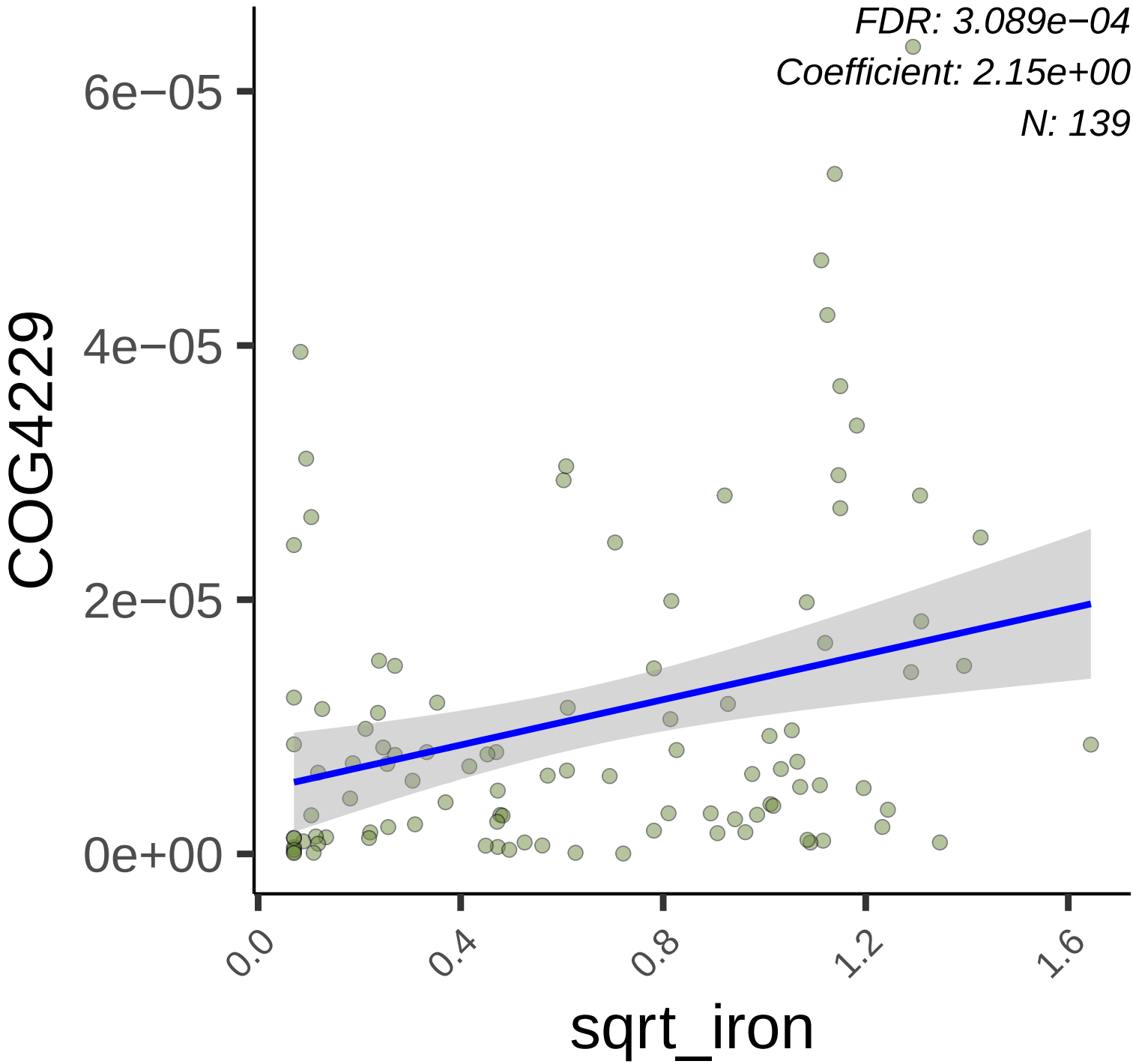
2e−04
1e−04
COG1597
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.089e−04
Coefficient: 2.15e+00
N: 139
COG4229
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4e−05
2e−05
0e+00
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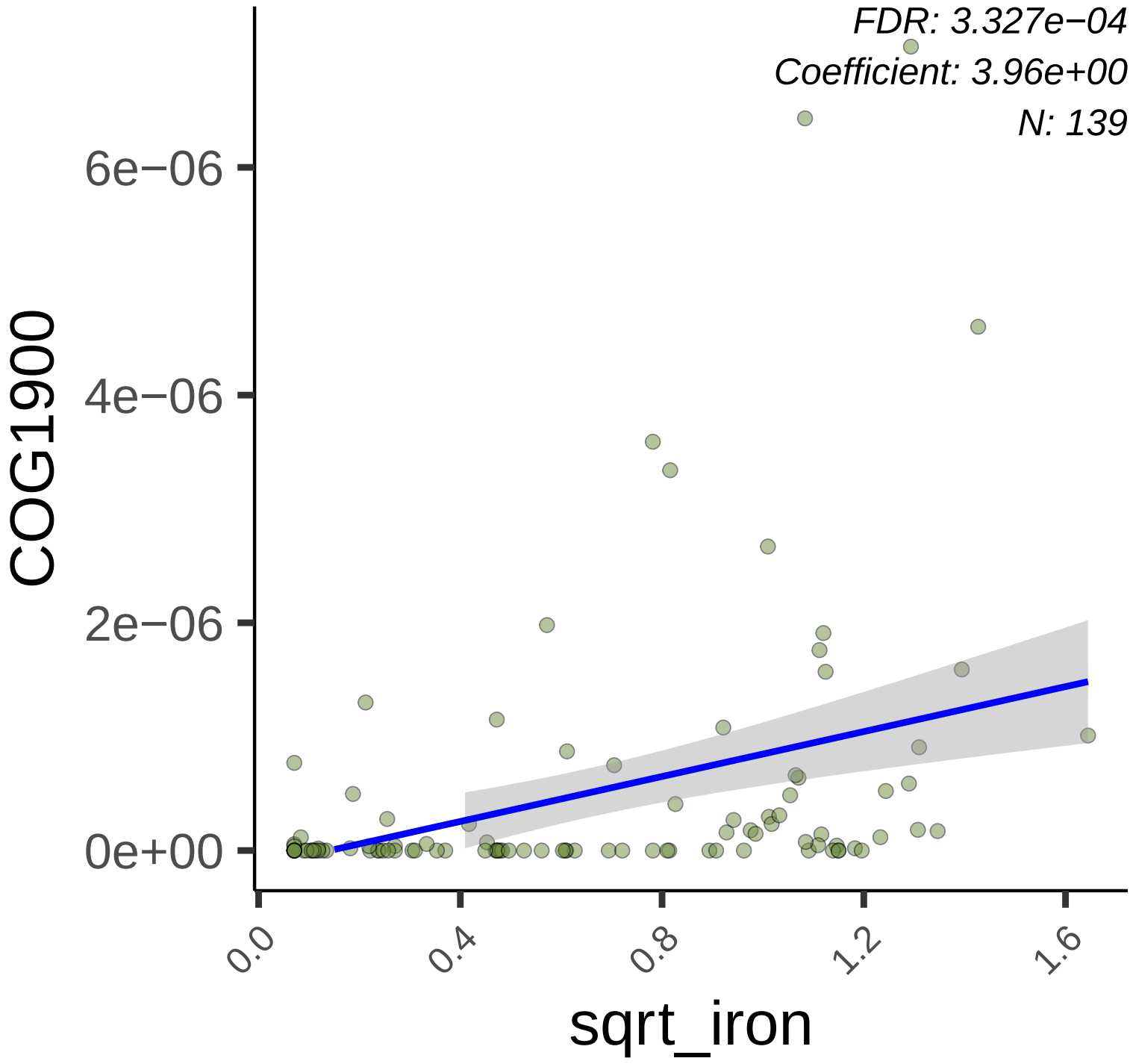
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.327e−04
Coefficient: 3.96e+00
N: 139
COG1900
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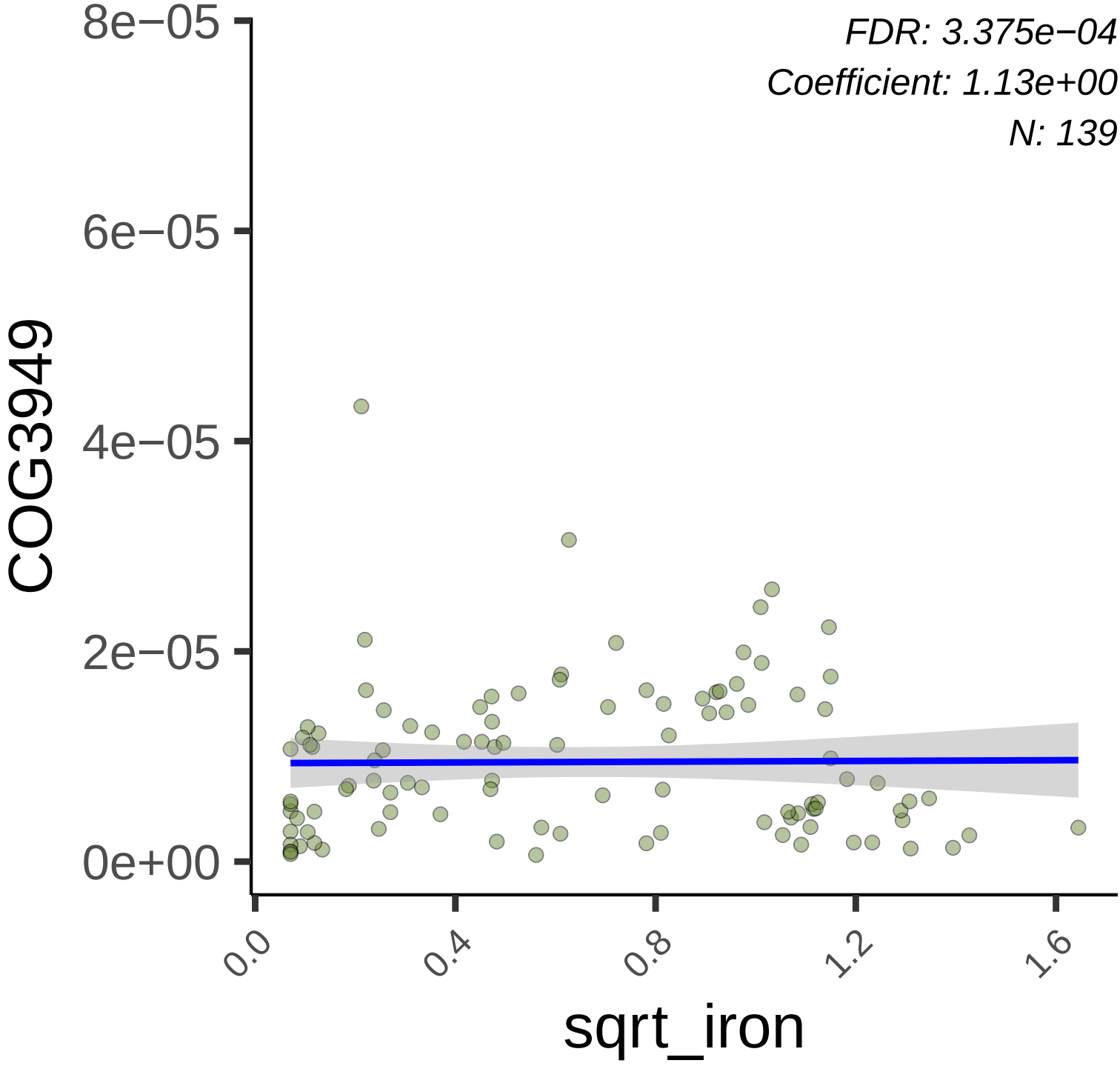
4e−06
2e−06
0e+00
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.375e−04
Coefficient: 1.13e+00
N: 139
COG3949
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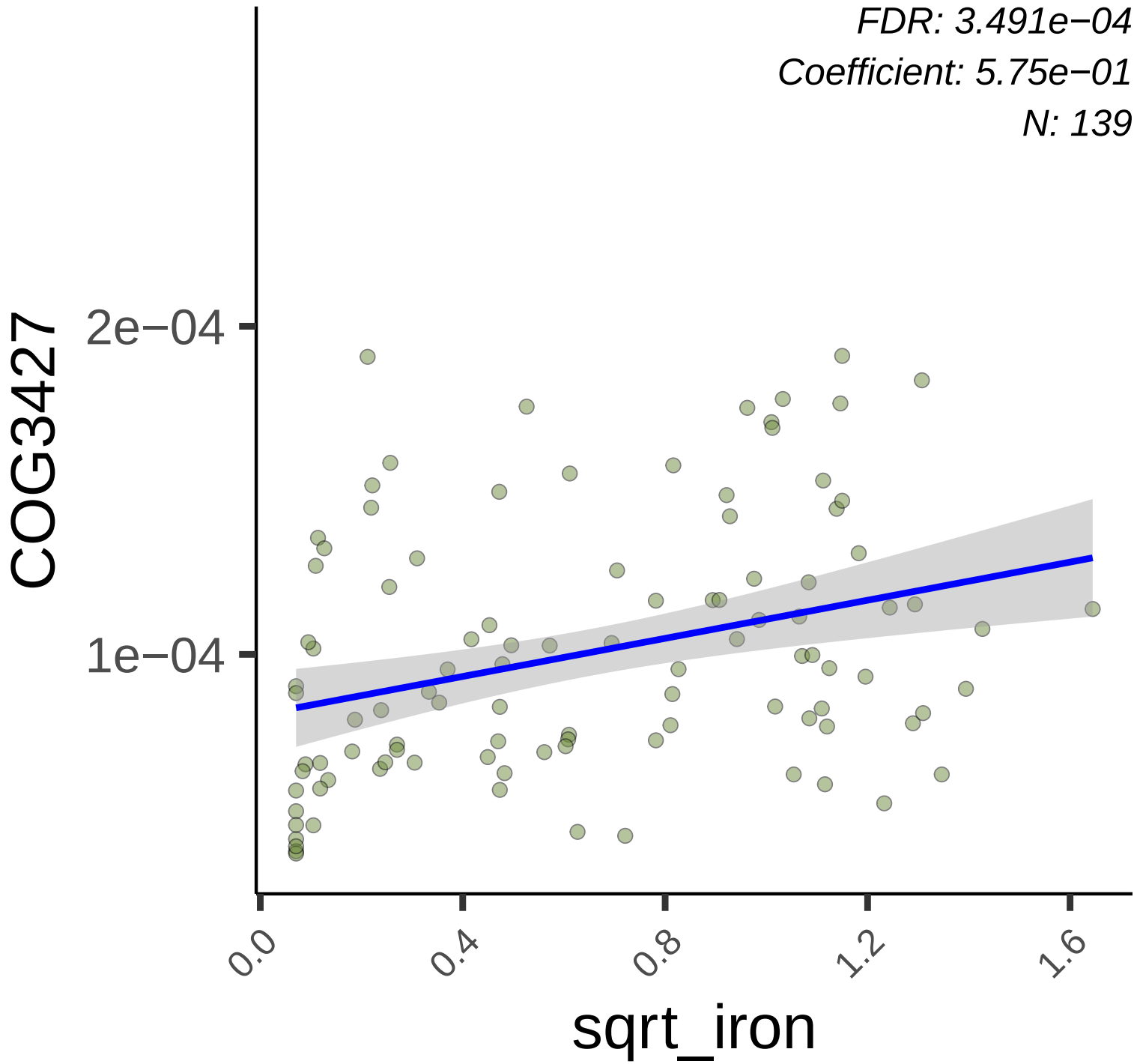
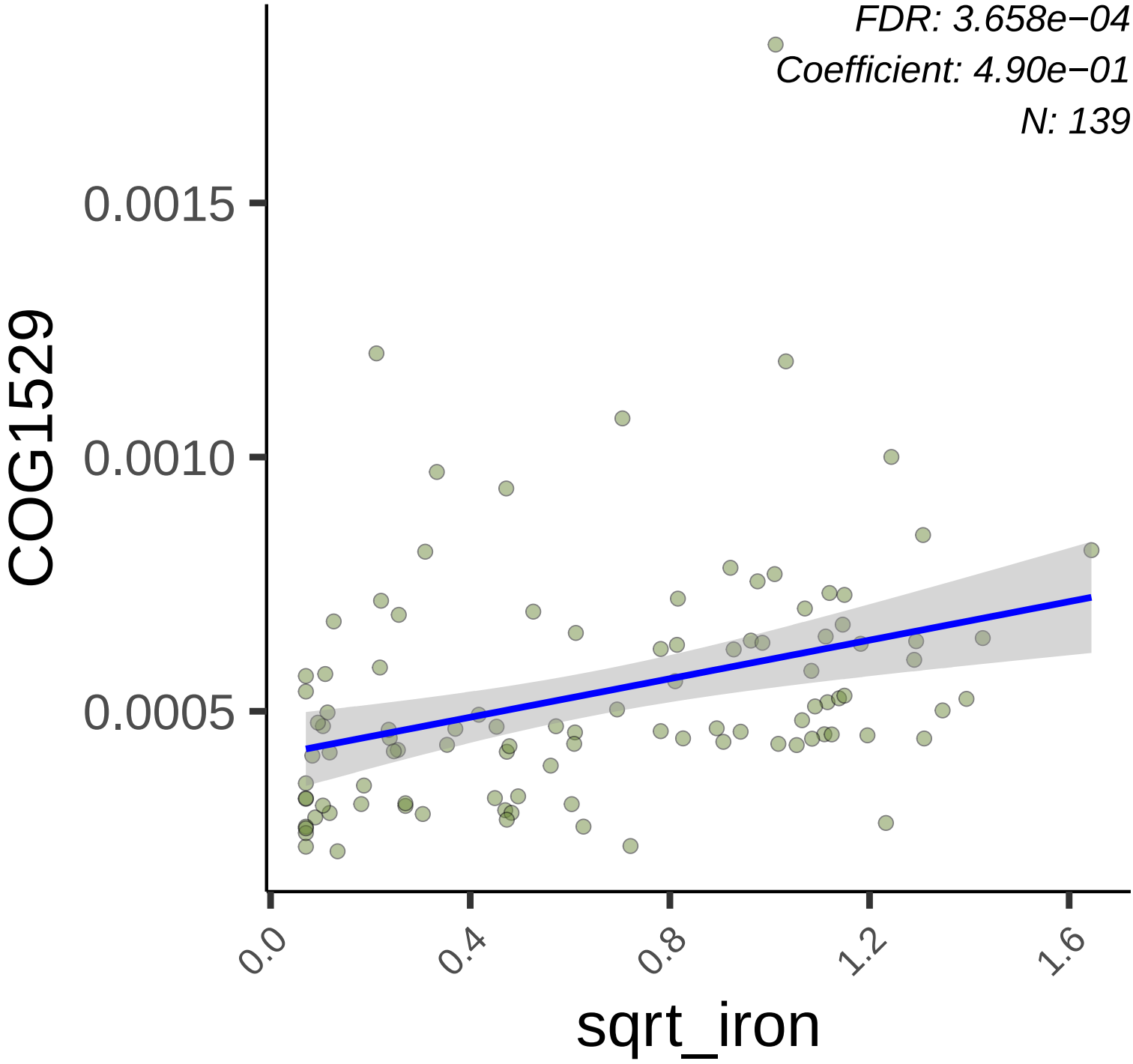
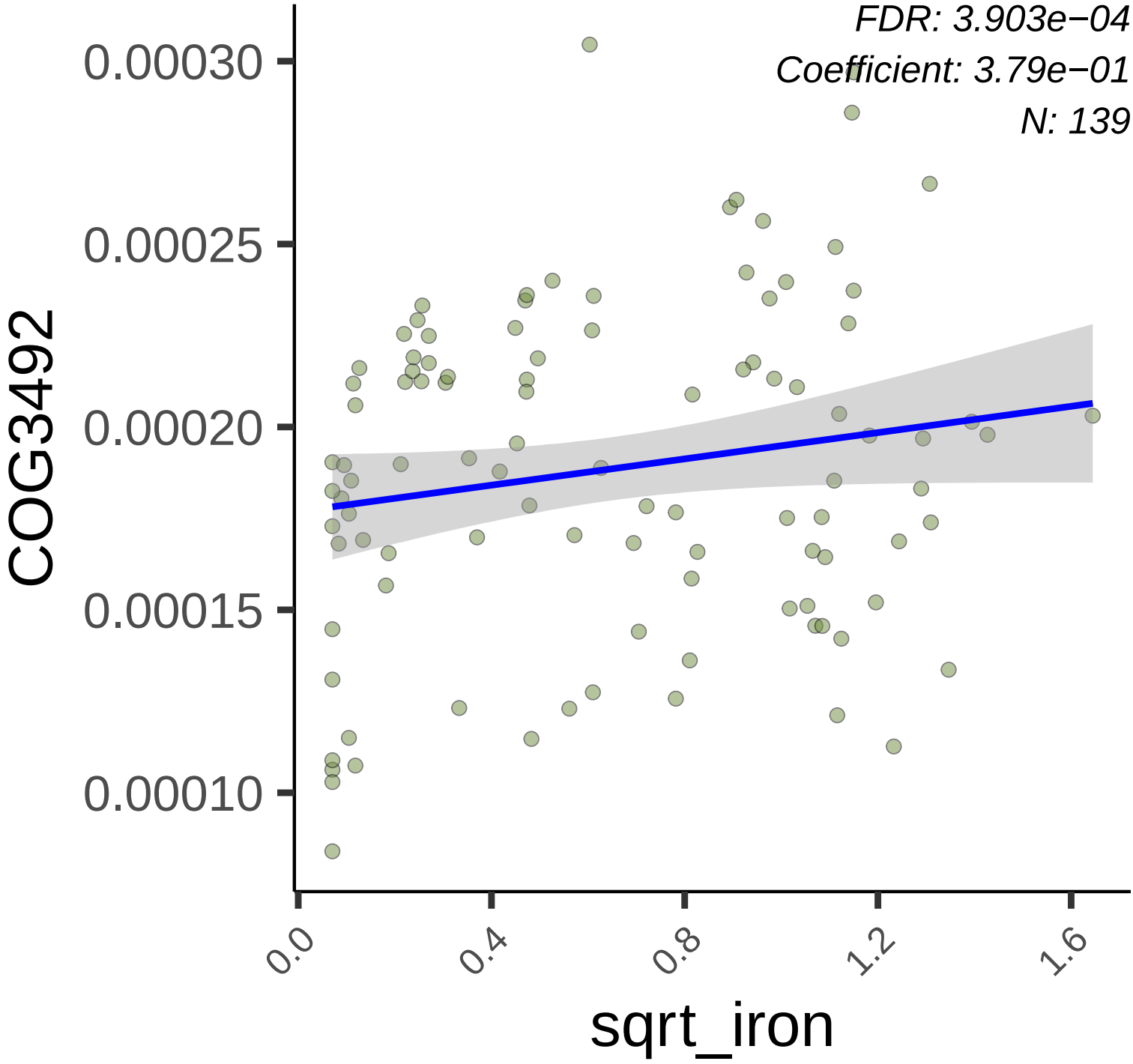
6e−05
4e−05
2e−05
0e+00
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.491e−04
Coefficient: 5.75e−01
N: 139
COG3427
2e−04
1e−04
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.658e−04
Coefficient: 4.90e−01
N: 139
COG1529
0.0015
0.0010
0.0005
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.903e−04
Coefficient: 3.79e−01
N: 139
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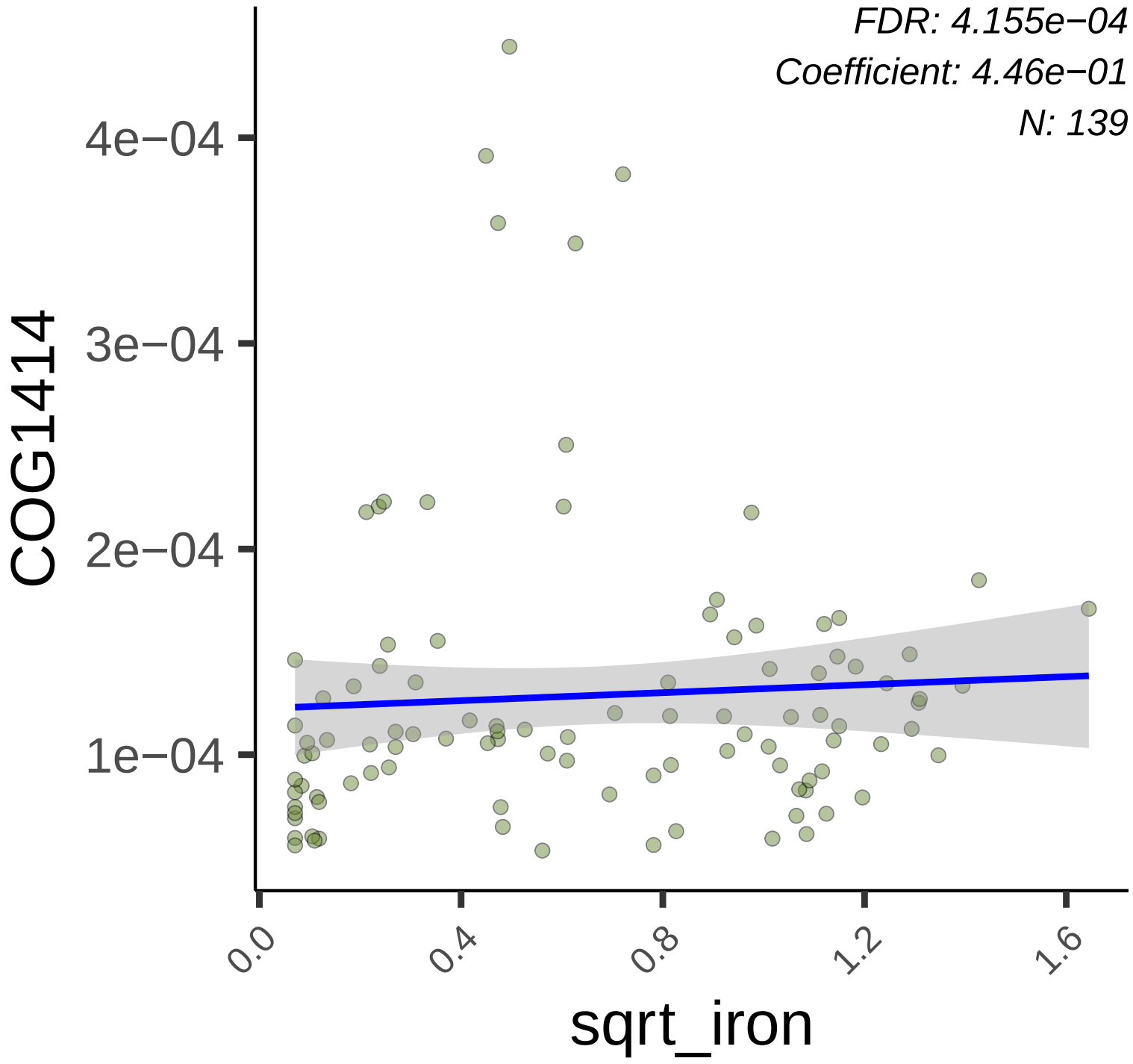
0.00025
0.00020
0.00015
0.00010
COG3492
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.155e−04
Coefficient: 4.46e−01
N: 139
COG1414
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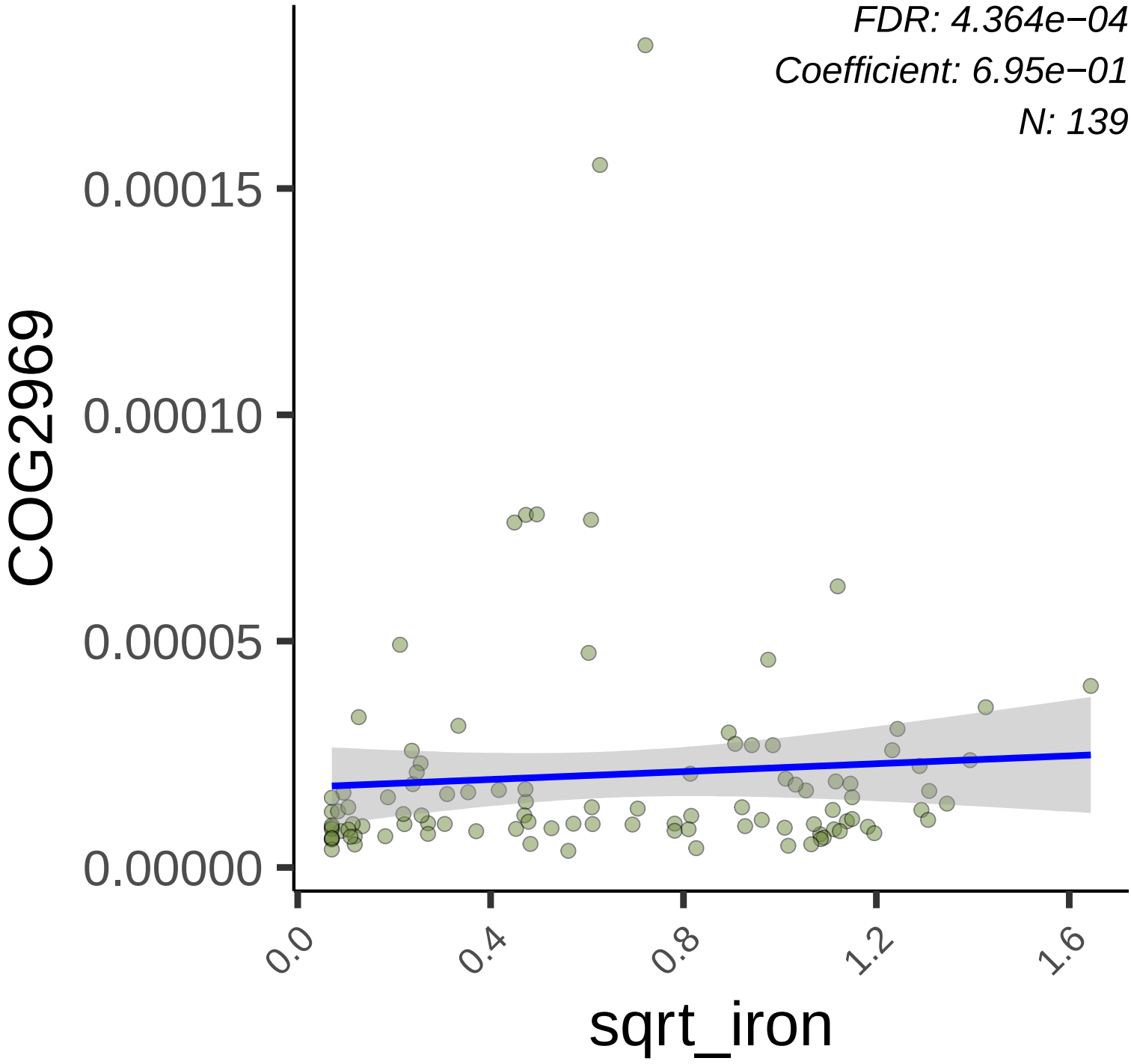
3e−04
2e−04
1e−04
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.364e−04
Coefficient: 6.95e−01
N: 139
COG2969
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0.00010
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0.00000
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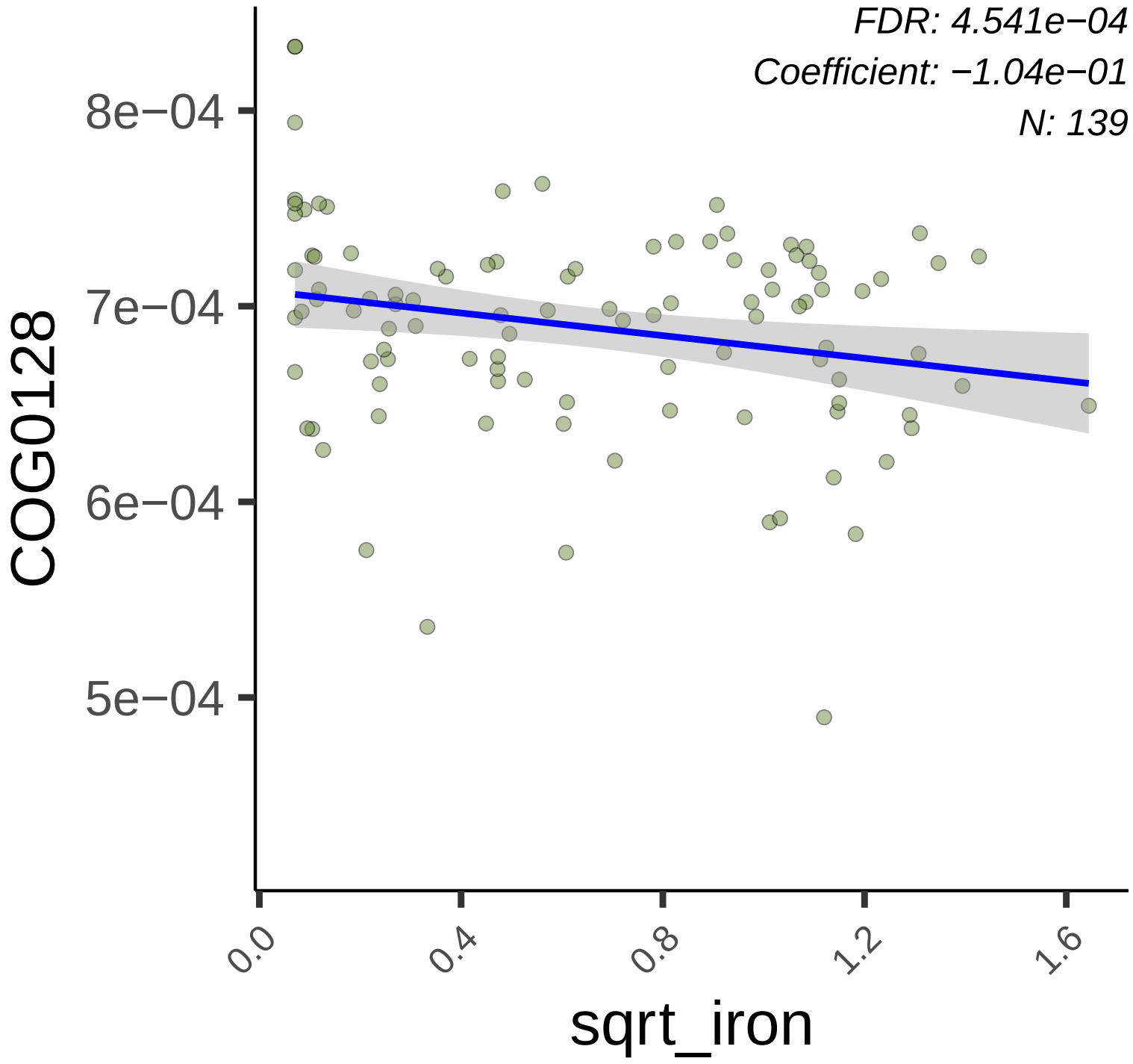
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.541e−04
Coefficient: −1.04e−01
N: 139
8e−04
7e−04
6e−04
5e−04
COG0128
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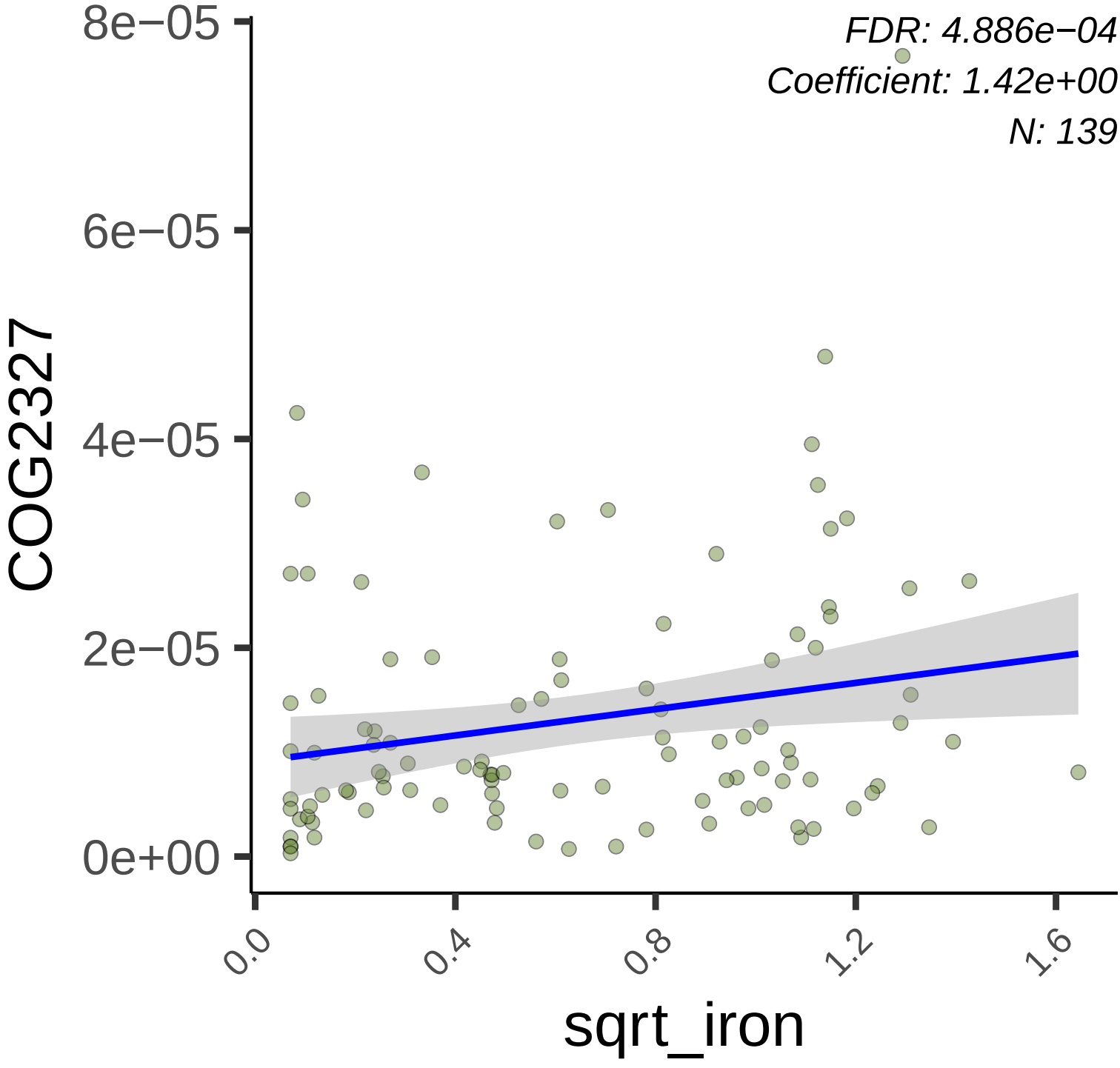
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.886e−04
Coefficient: 1.42e+00
N: 139
COG2327
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6e−05
4e−05
2e−05
0e+00
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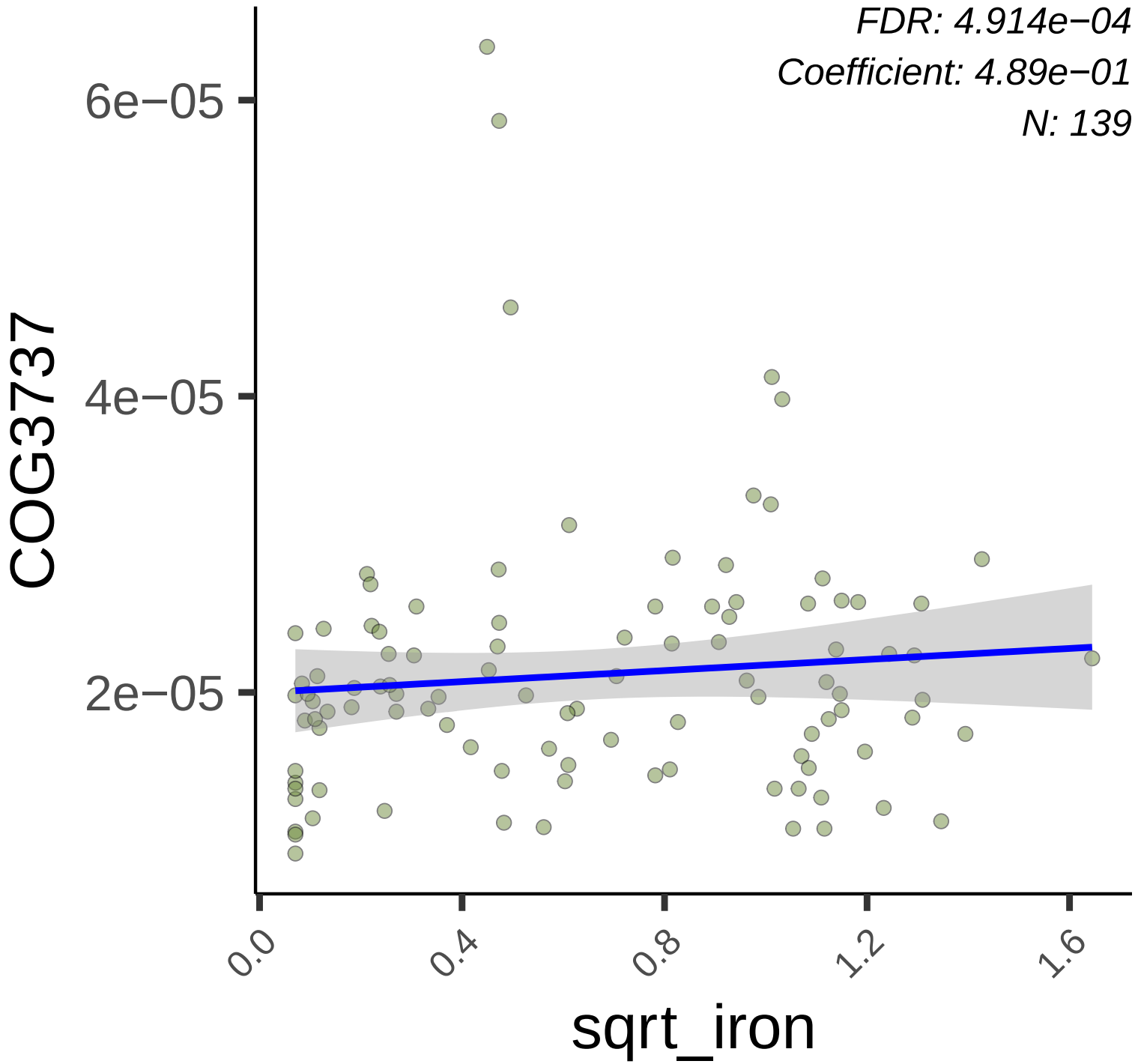
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.914e−04
Coefficient: 4.89e−01
N: 139
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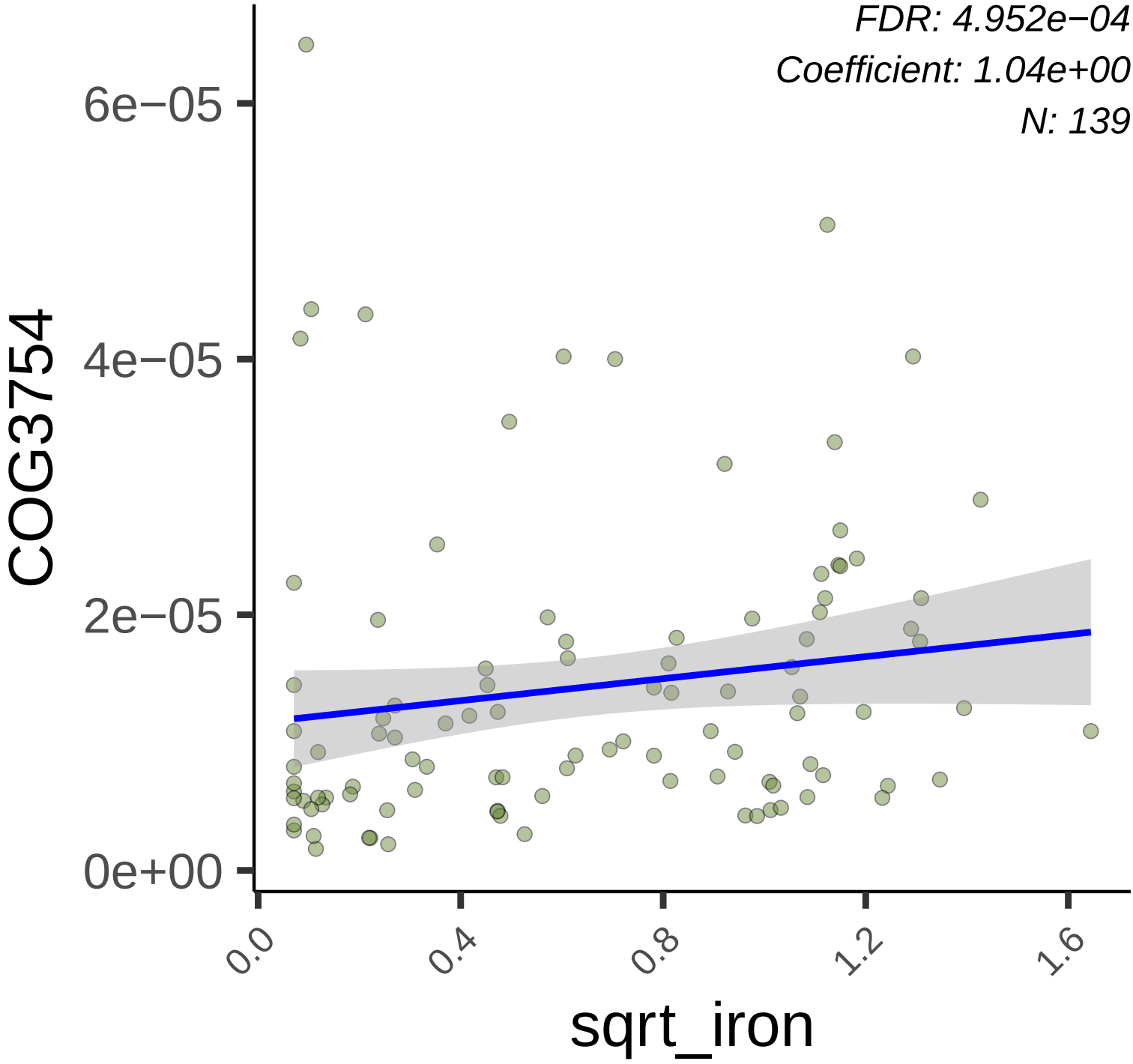
4e−05
2e−05
COG3737
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.952e−04
Coefficient: 1.04e+00
N: 139
COG3754
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4e−05
2e−05
0e+00
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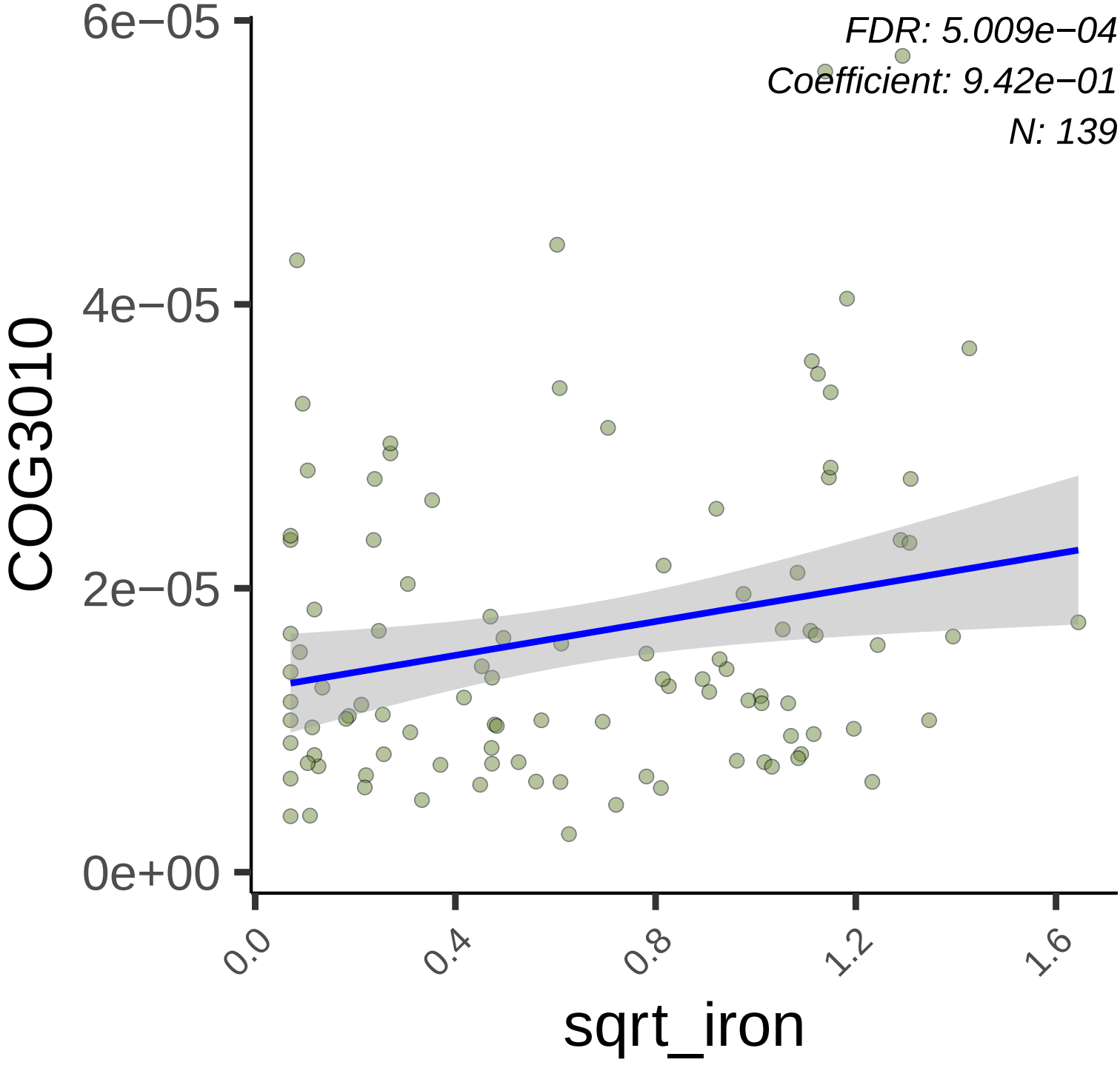
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 5.009e−04
Coefficient: 9.42e−01
N: 139
COG3010
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4e−05
2e−05
0e+00
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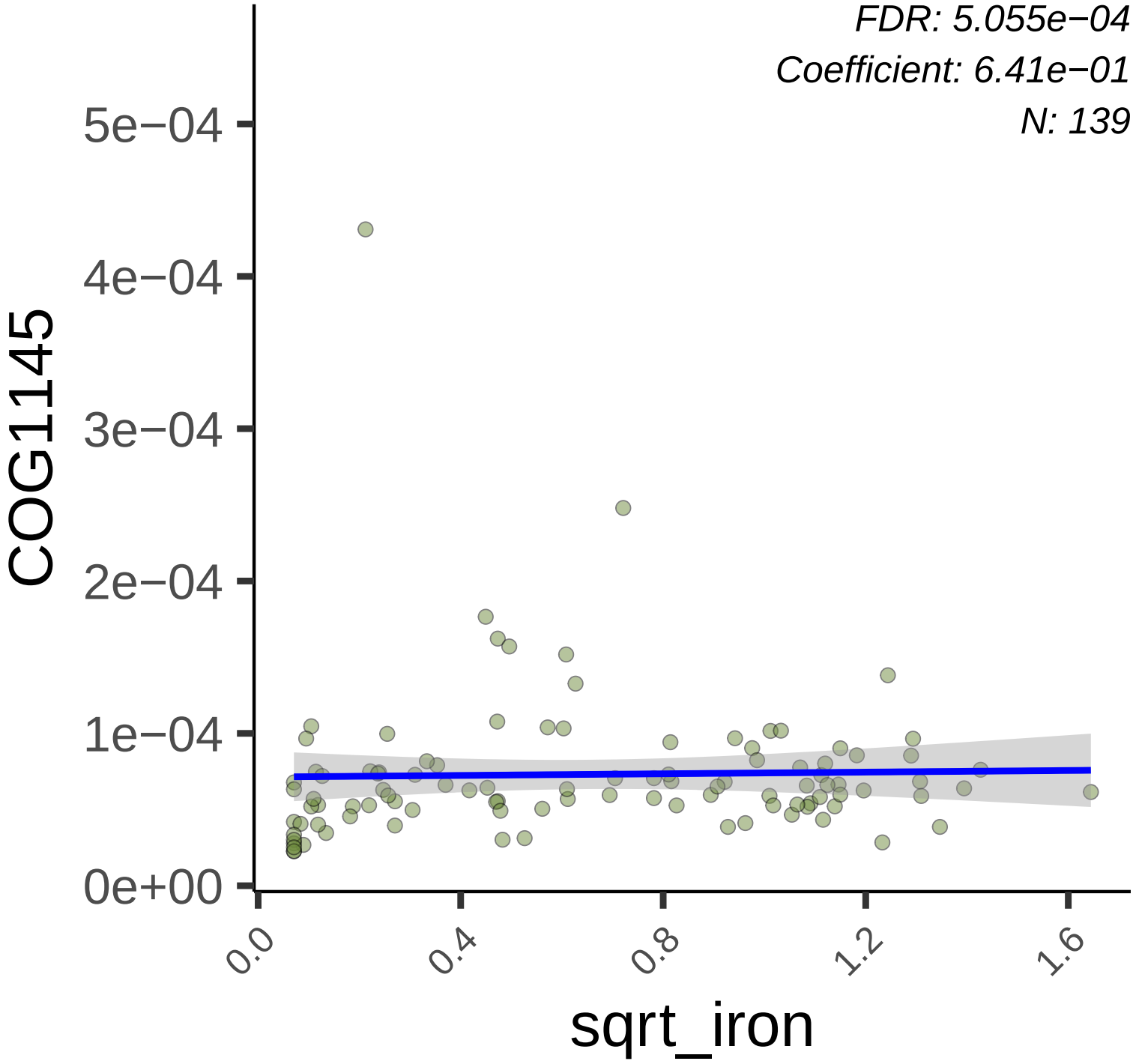
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 5.055e−04
Coefficient: 6.41e−01
N: 139
COG1145
5e−04
4e−04
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2e−04
1e−04
0e+00
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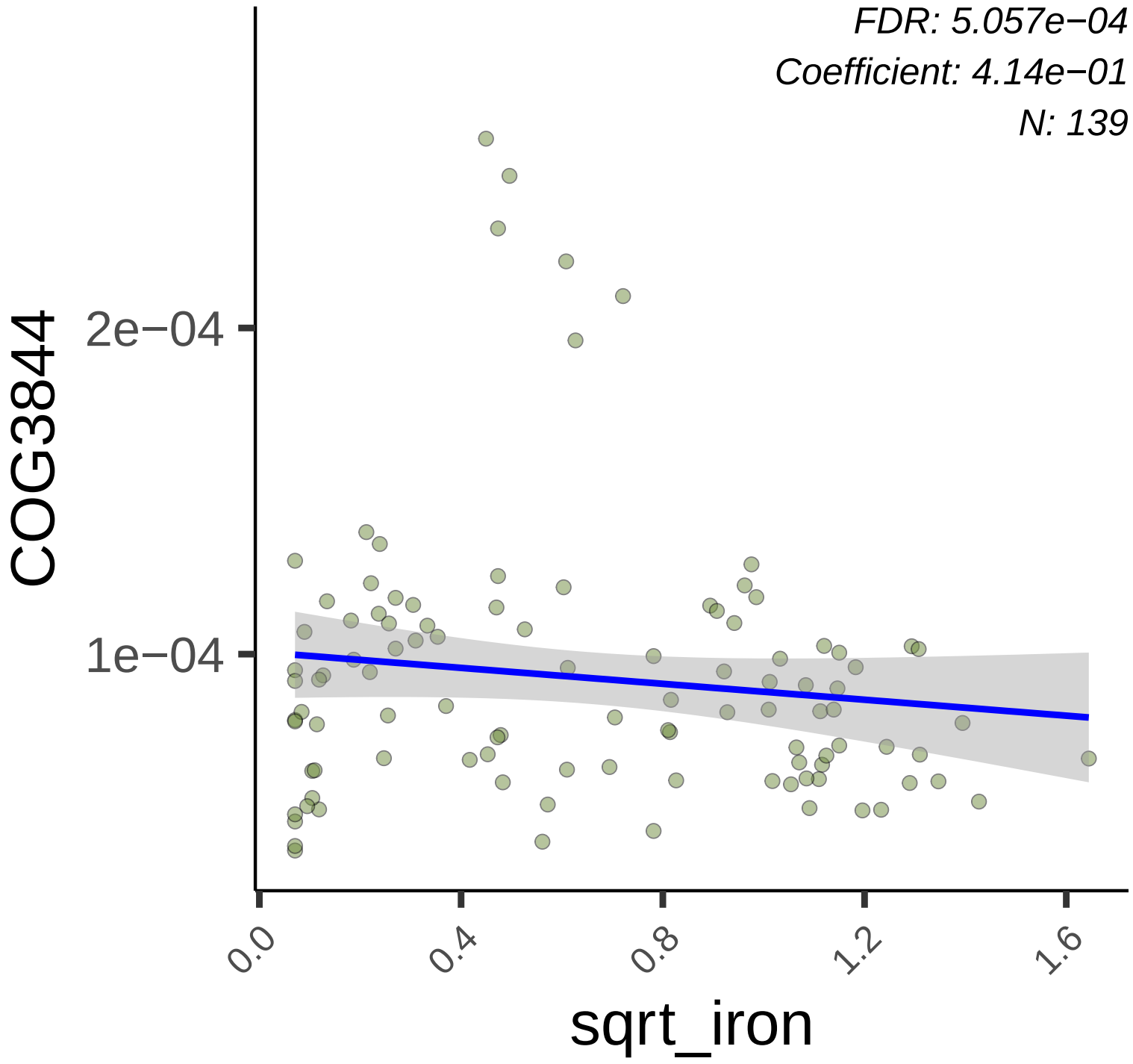
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 5.057e−04
Coefficient: 4.14e−01
N: 139
COG3844
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1e−04
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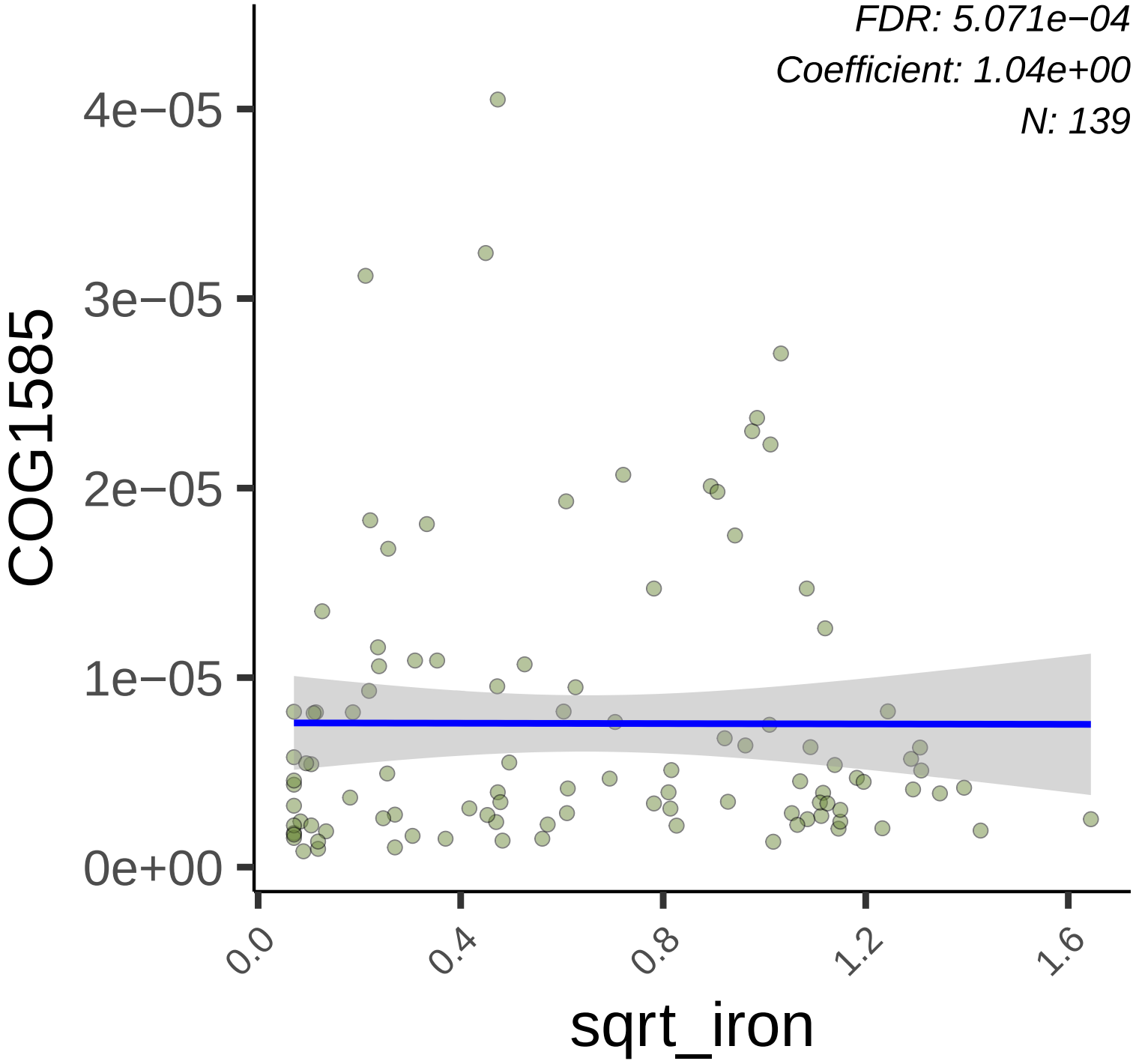
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 5.071e−04
Coefficient: 1.04e+00
N: 139
COG1585
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3e−05
2e−05
1e−05
0e+00
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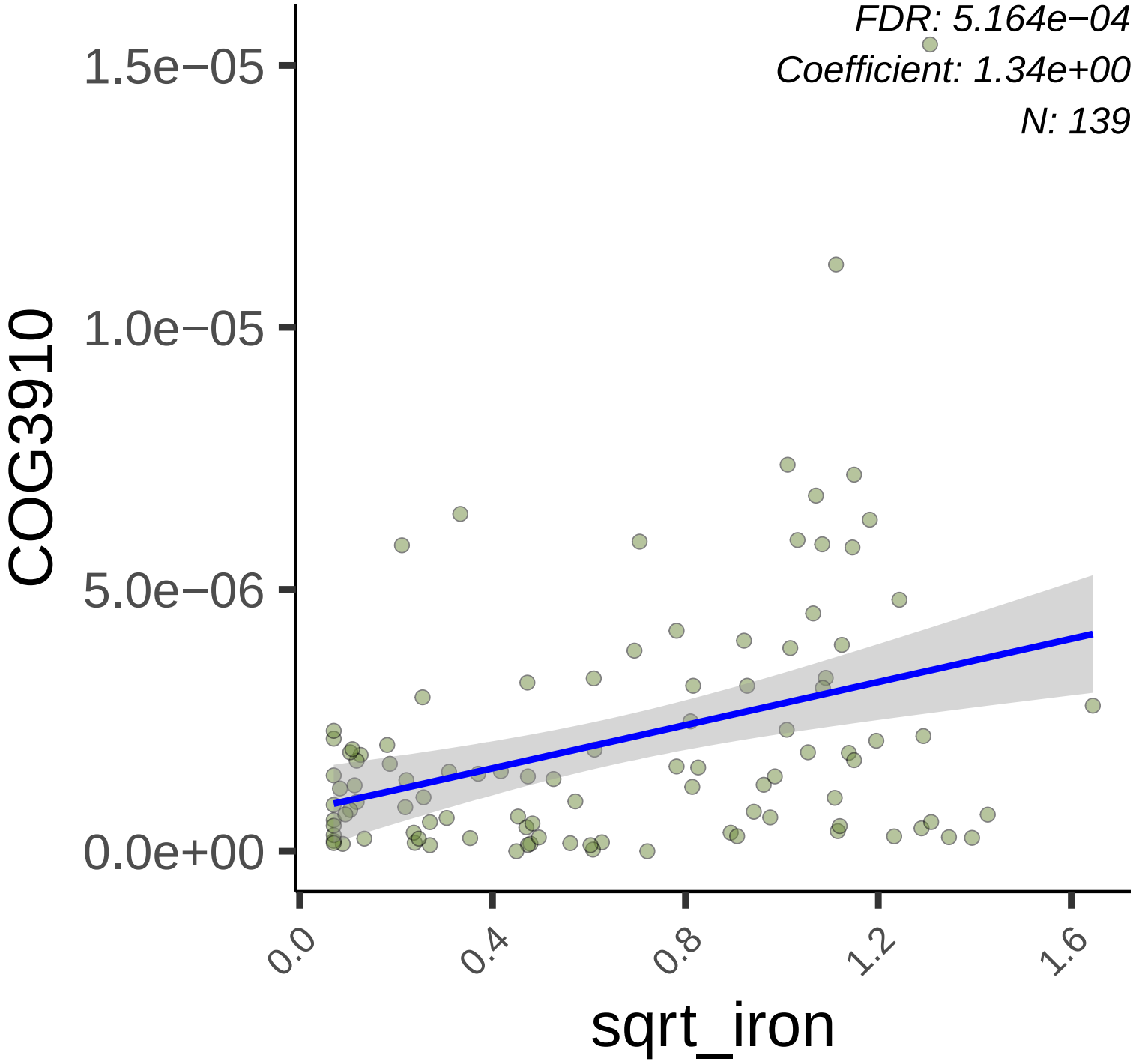
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 5.164e−04
Coefficient: 1.34e+00
N: 139
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1.0e−05
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0.0e+00
COG3910
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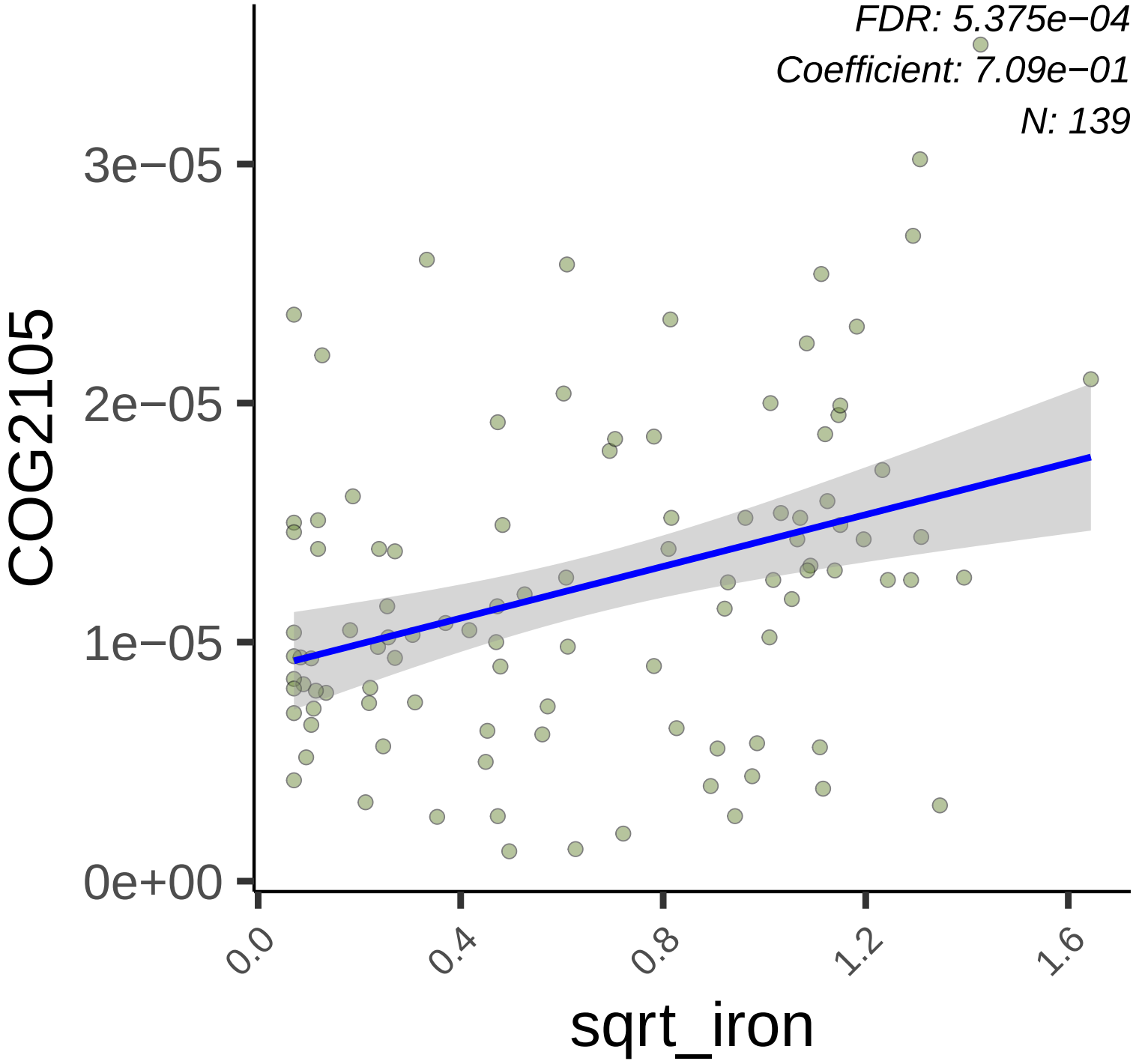
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 5.375e−04
Coefficient: 7.09e−01
N: 139
COG2105
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2e−05
1e−05
0e+00
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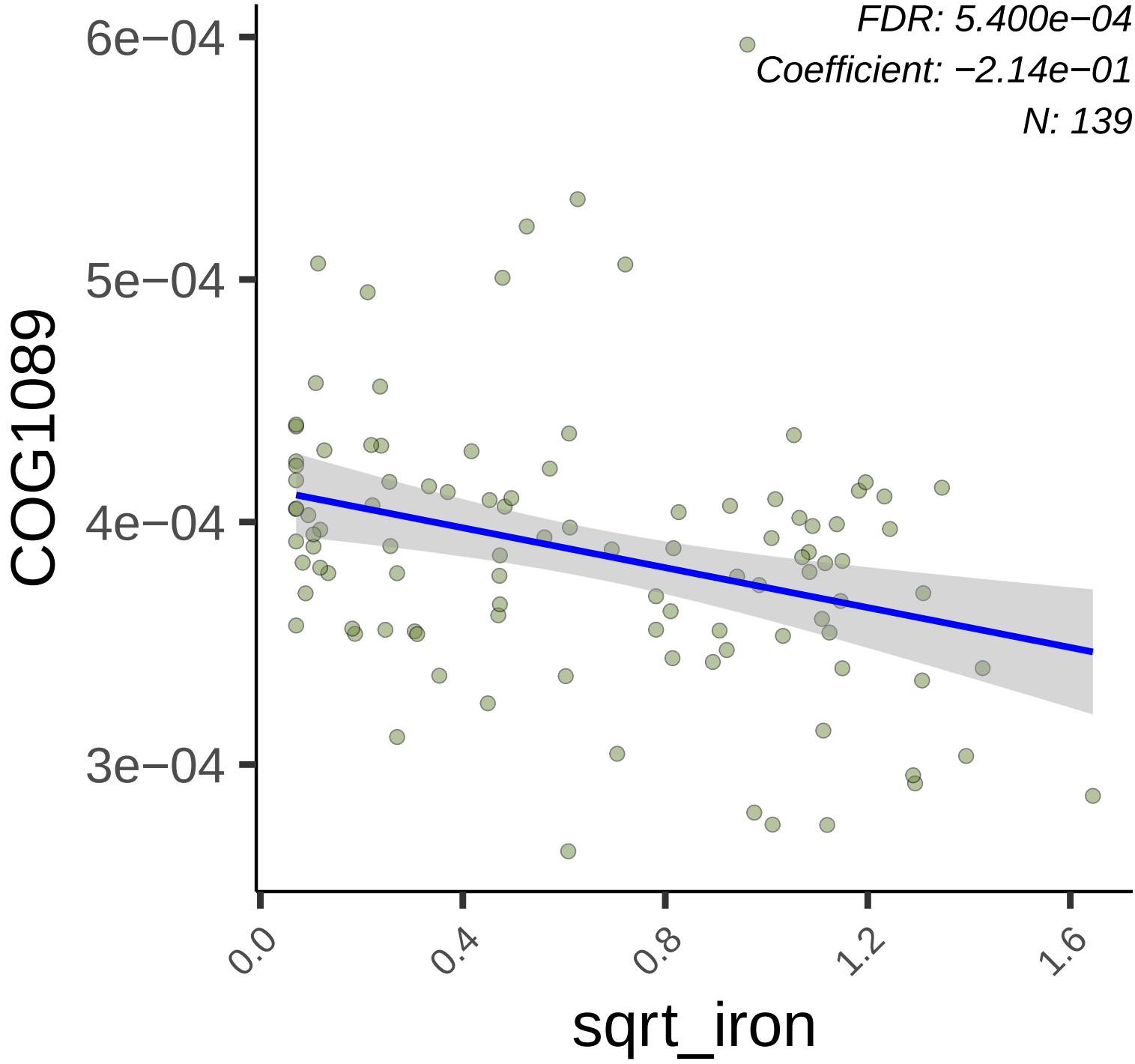
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 5.400e−04
Coefficient: −2.14e−01
N: 139
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4e−04
3e−04
COG1089
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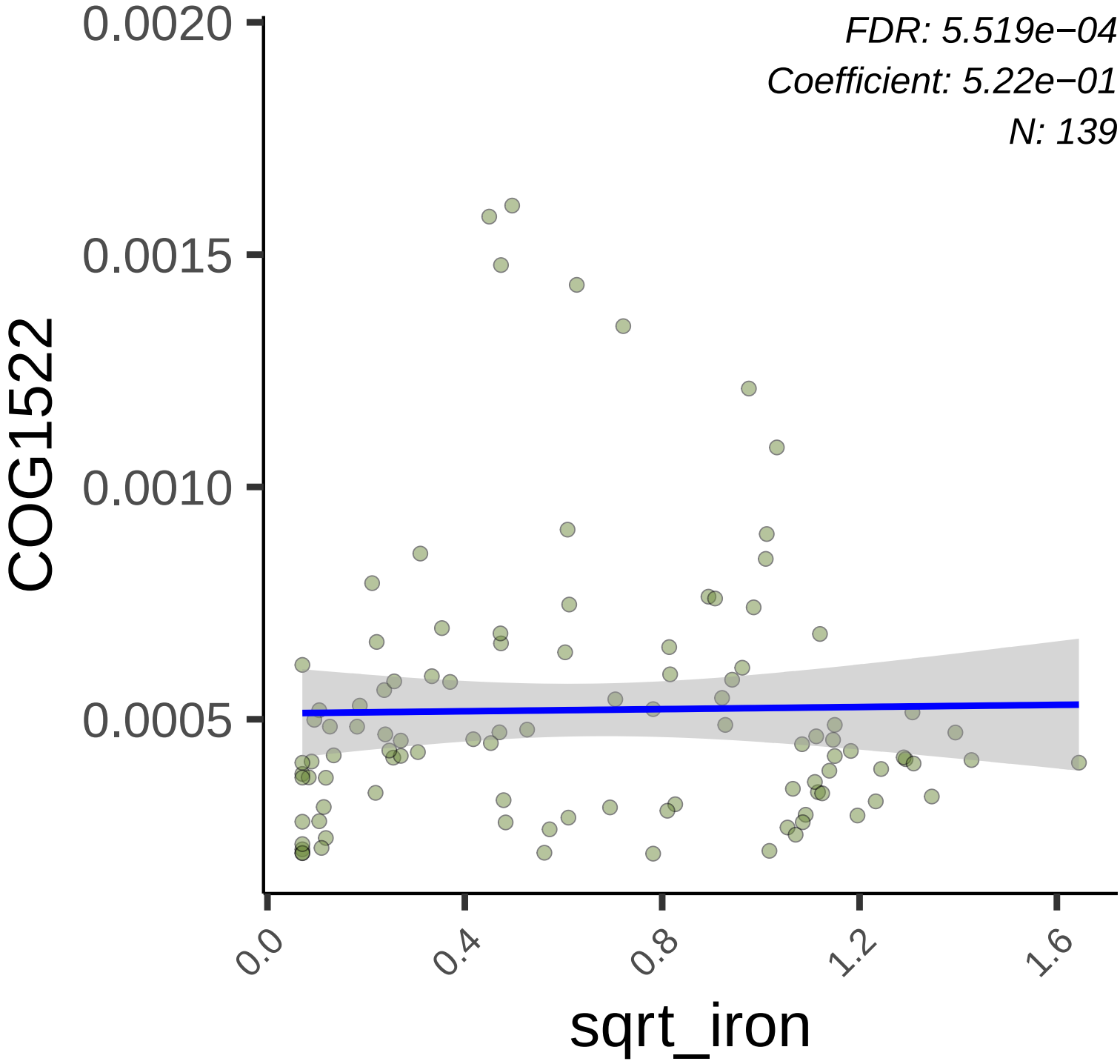
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 5.519e−04
Coefficient: 5.22e−01
N: 139
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0.0010
0.0005
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0.4
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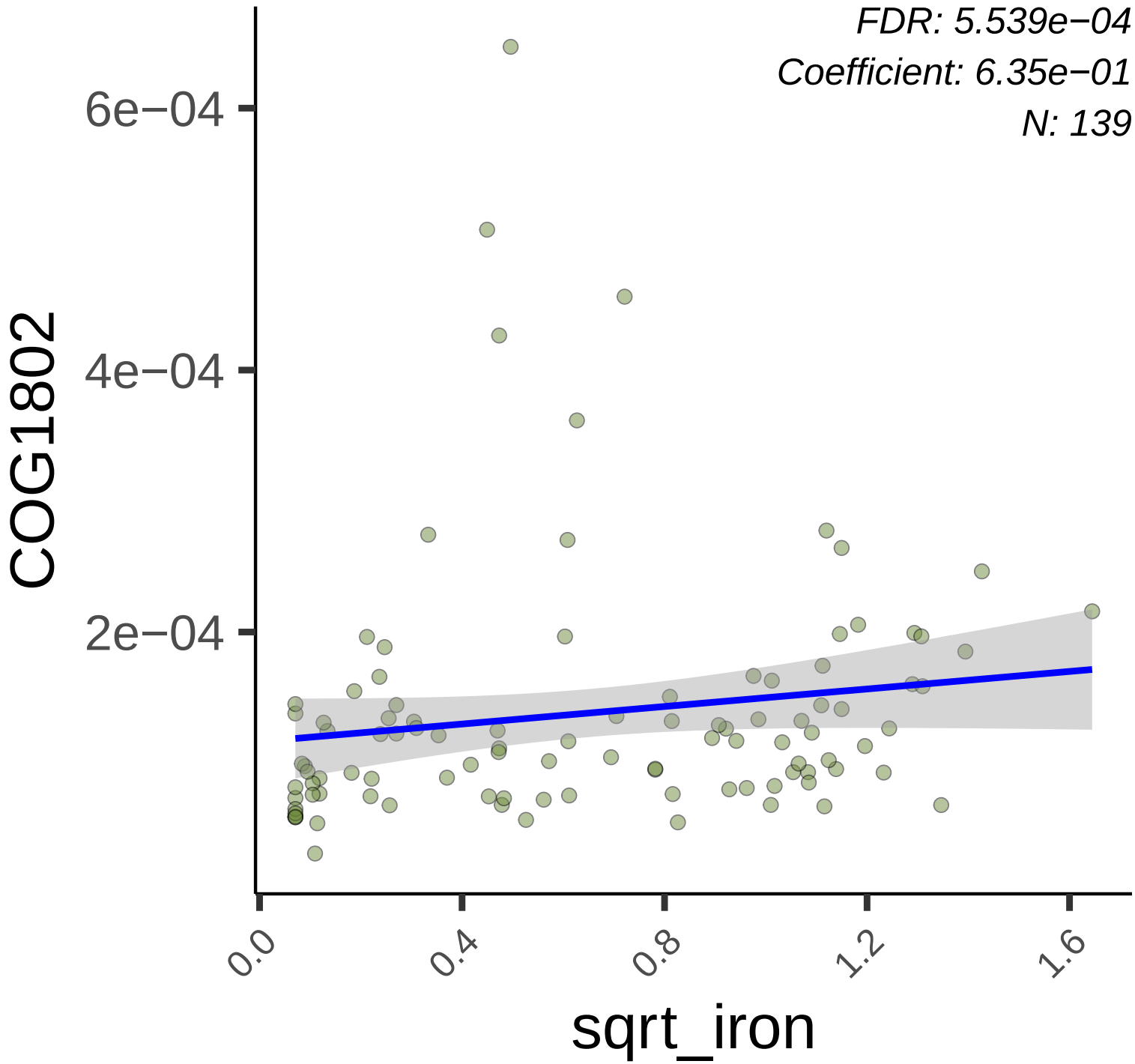
1.2
1.6
sqrt_iron


FDR: 5.539e−04
Coefficient: 6.35e−01
N: 139
COG1802
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4e−04
2e−04
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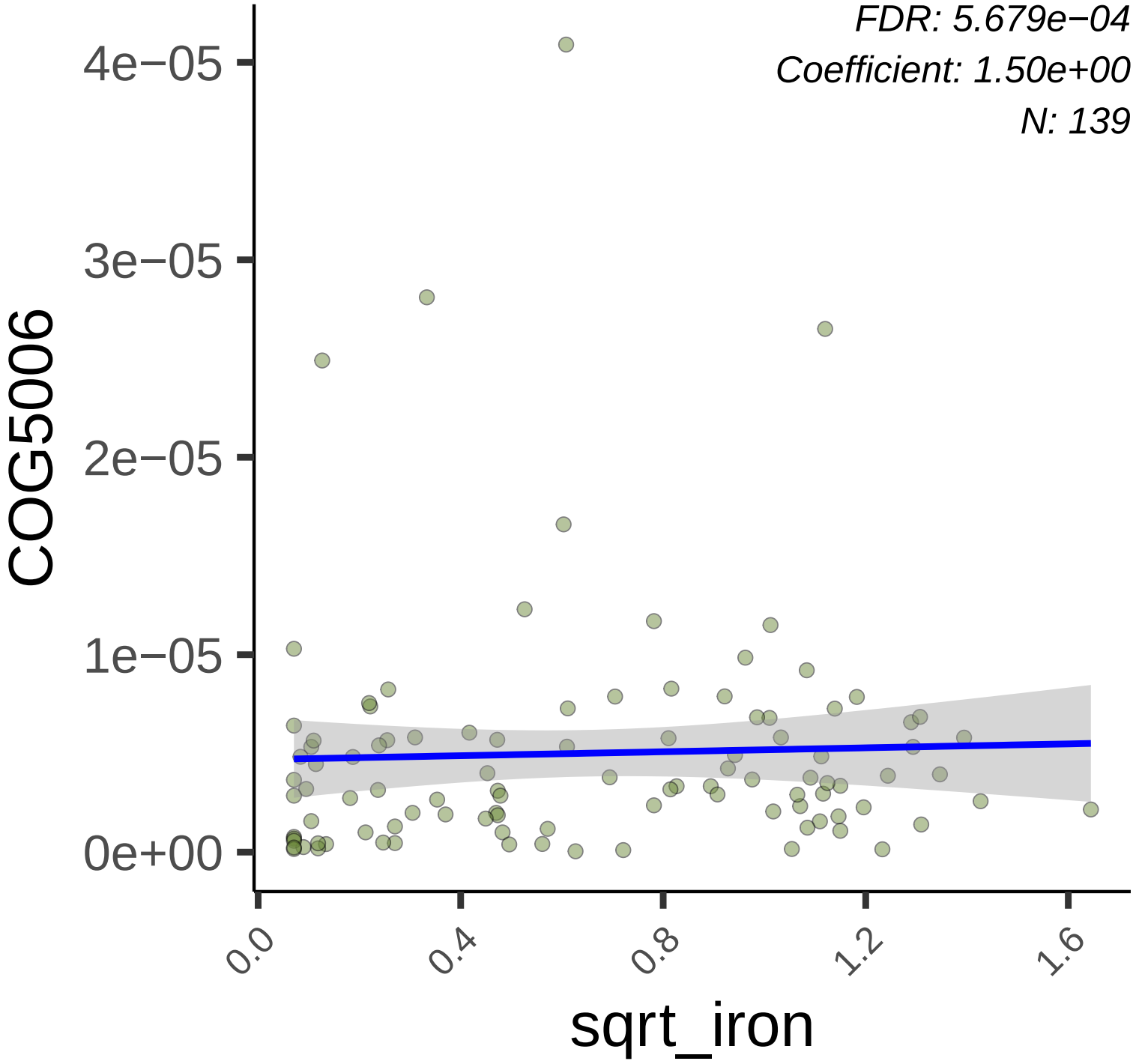
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 5.679e−04
Coefficient: 1.50e+00
N: 139
COG5006
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2e−05
1e−05
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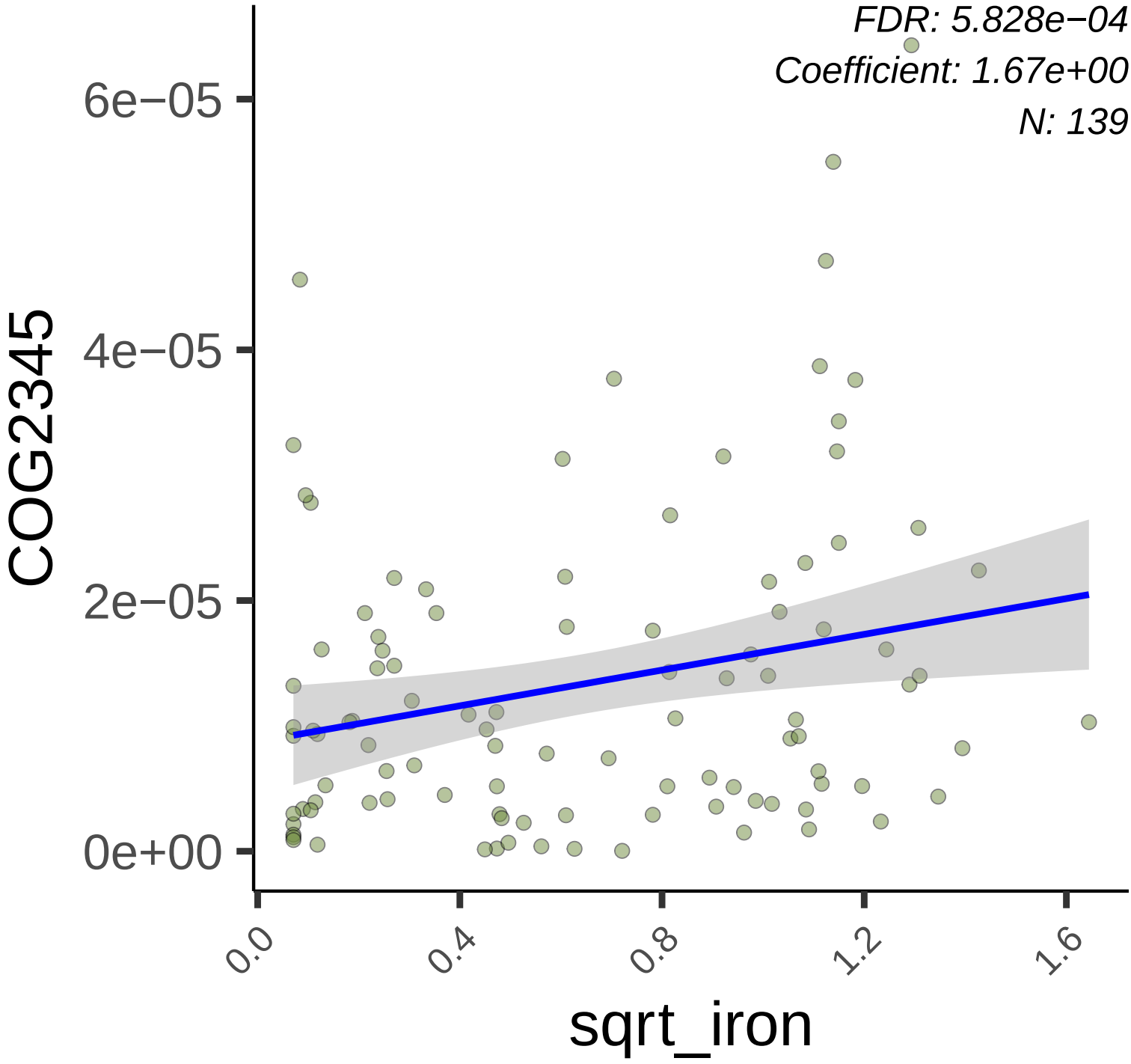
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 5.828e−04
Coefficient: 1.67e+00
N: 139
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2e−05
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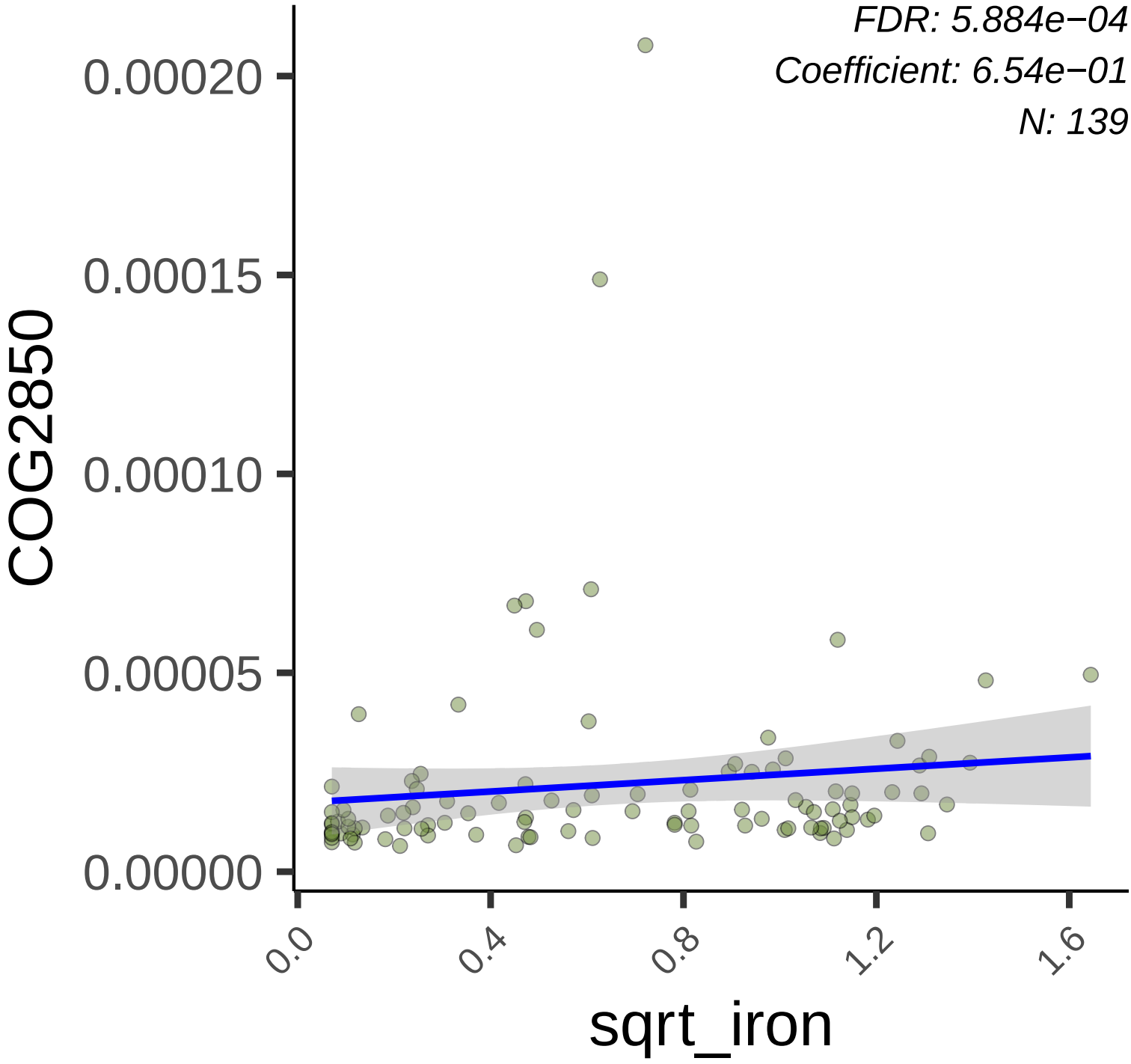
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 5.884e−04
Coefficient: 6.54e−01
N: 139
COG2850
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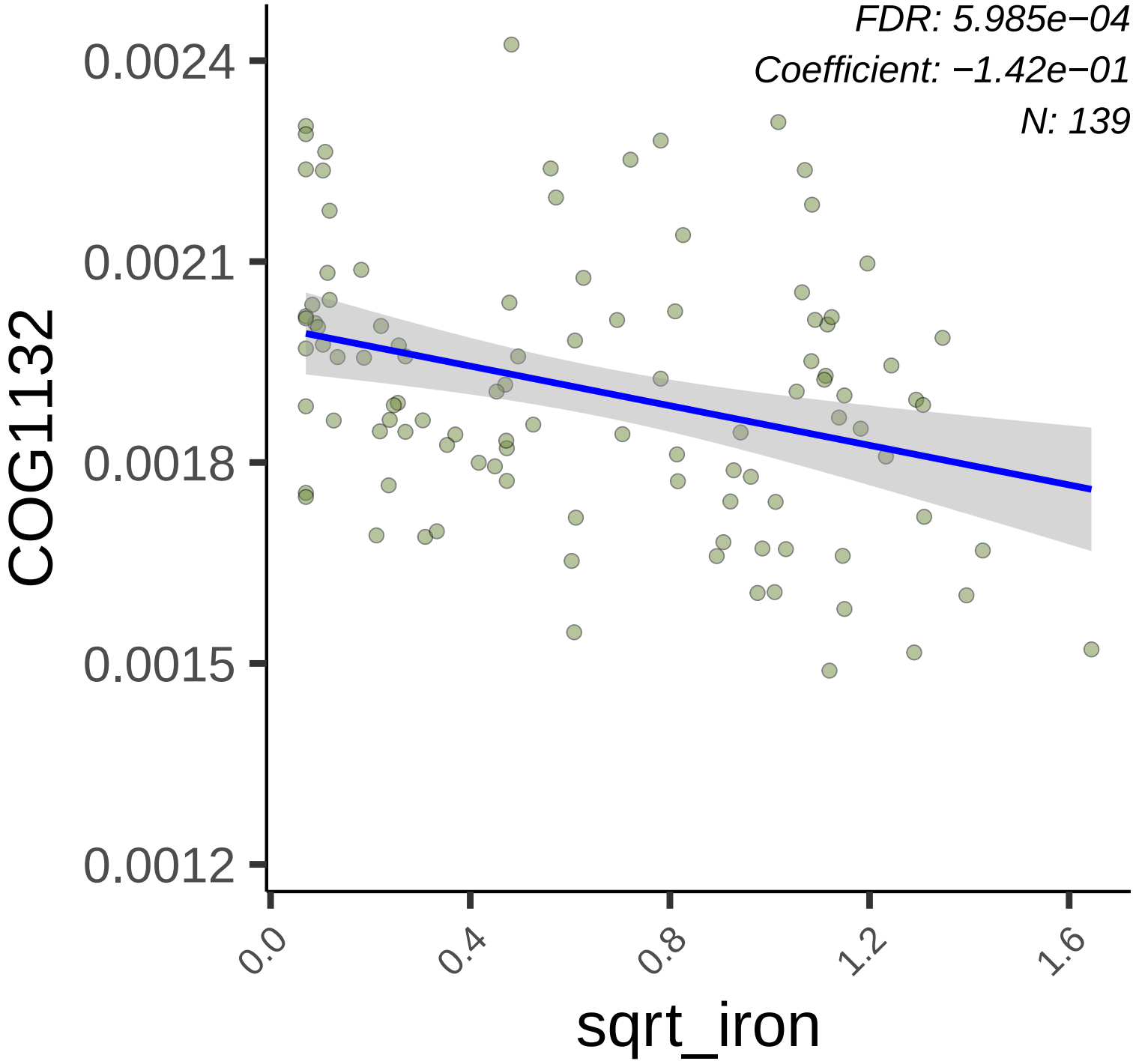
0.00000
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 5.985e−04
Coefficient: −1.42e−01
N: 139
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0.0018
0.0015
0.0012
COG1132
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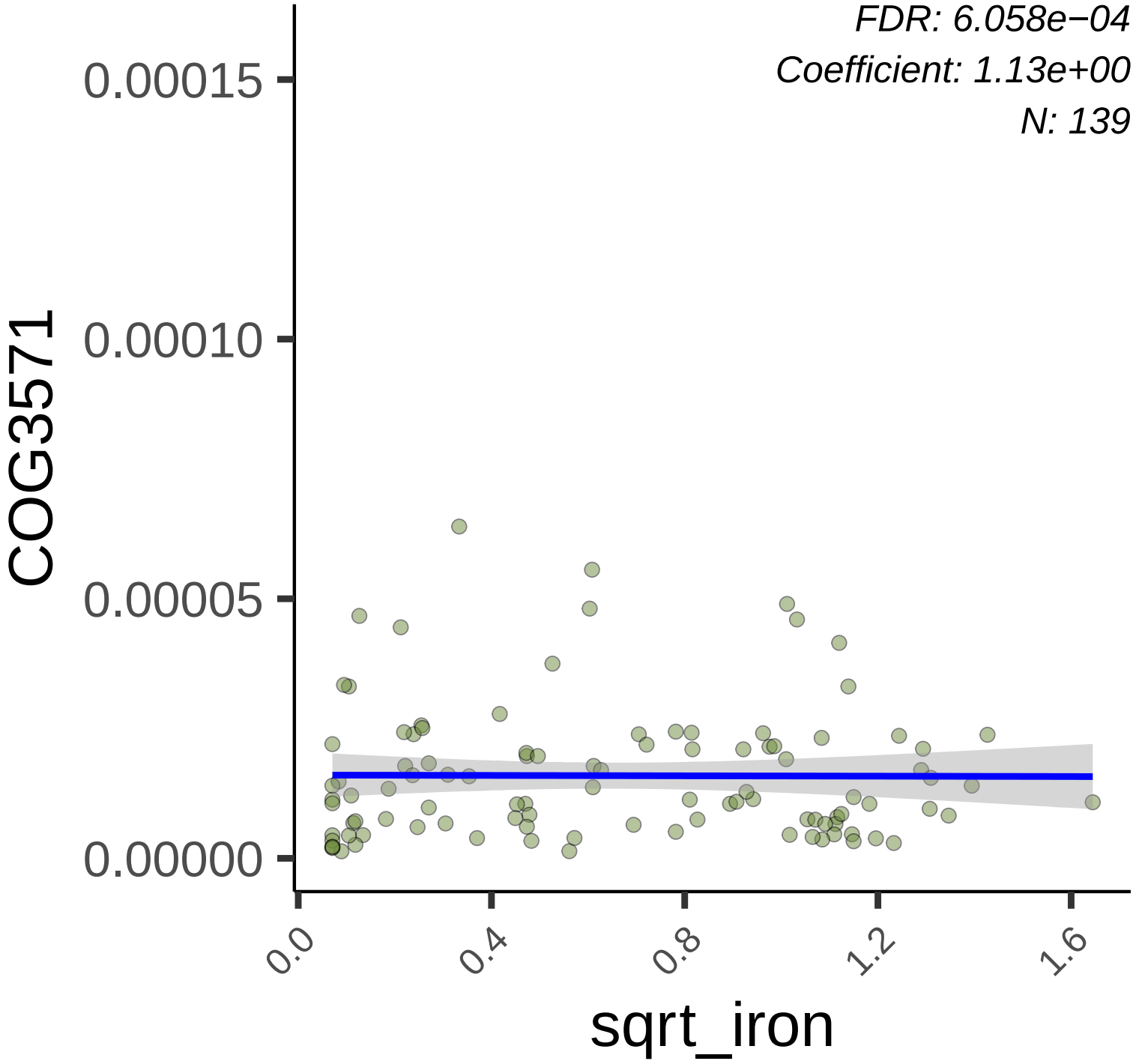
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 6.058e−04
Coefficient: 1.13e+00
N: 139
COG3571
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0.4
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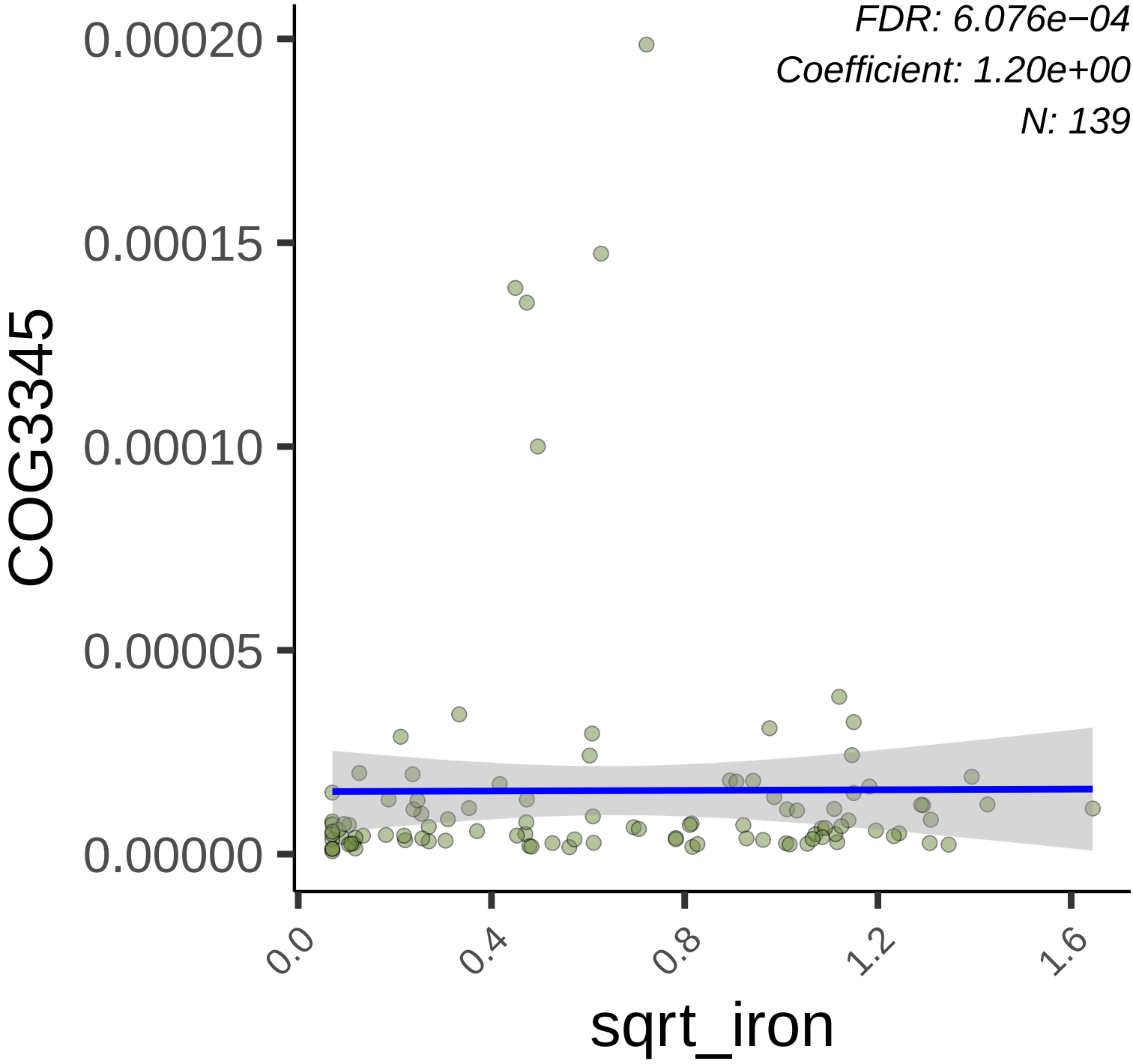
1.6
sqrt_iron


FDR: 6.076e−04
Coefficient: 1.20e+00
N: 139
COG3345
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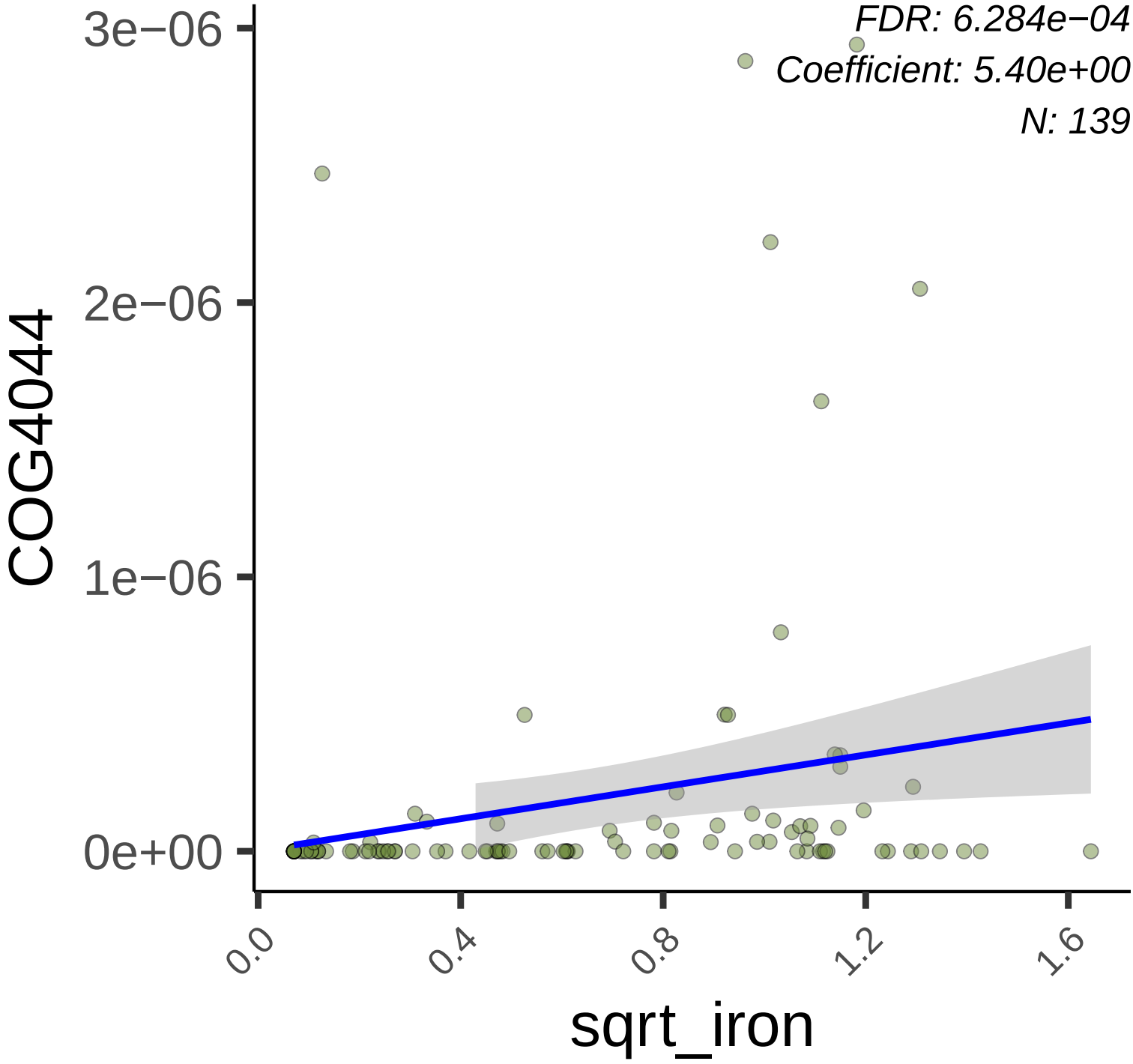
1.6
sqrt_iron


FDR: 6.284e−04
Coefficient: 5.40e+00
N: 139
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COG4044
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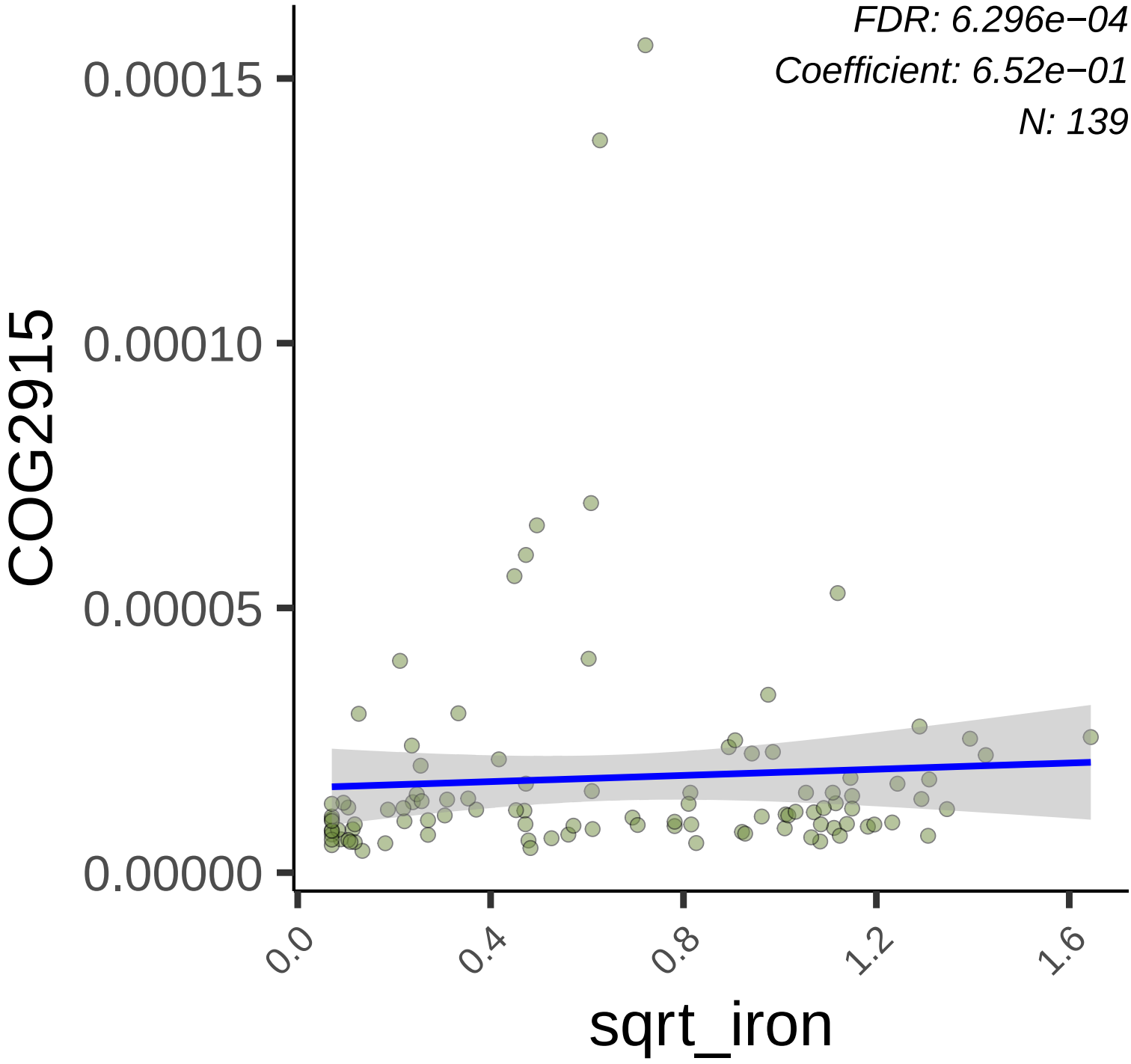
1.6
sqrt_iron


FDR: 6.296e−04
Coefficient: 6.52e−01
N: 139
COG2915
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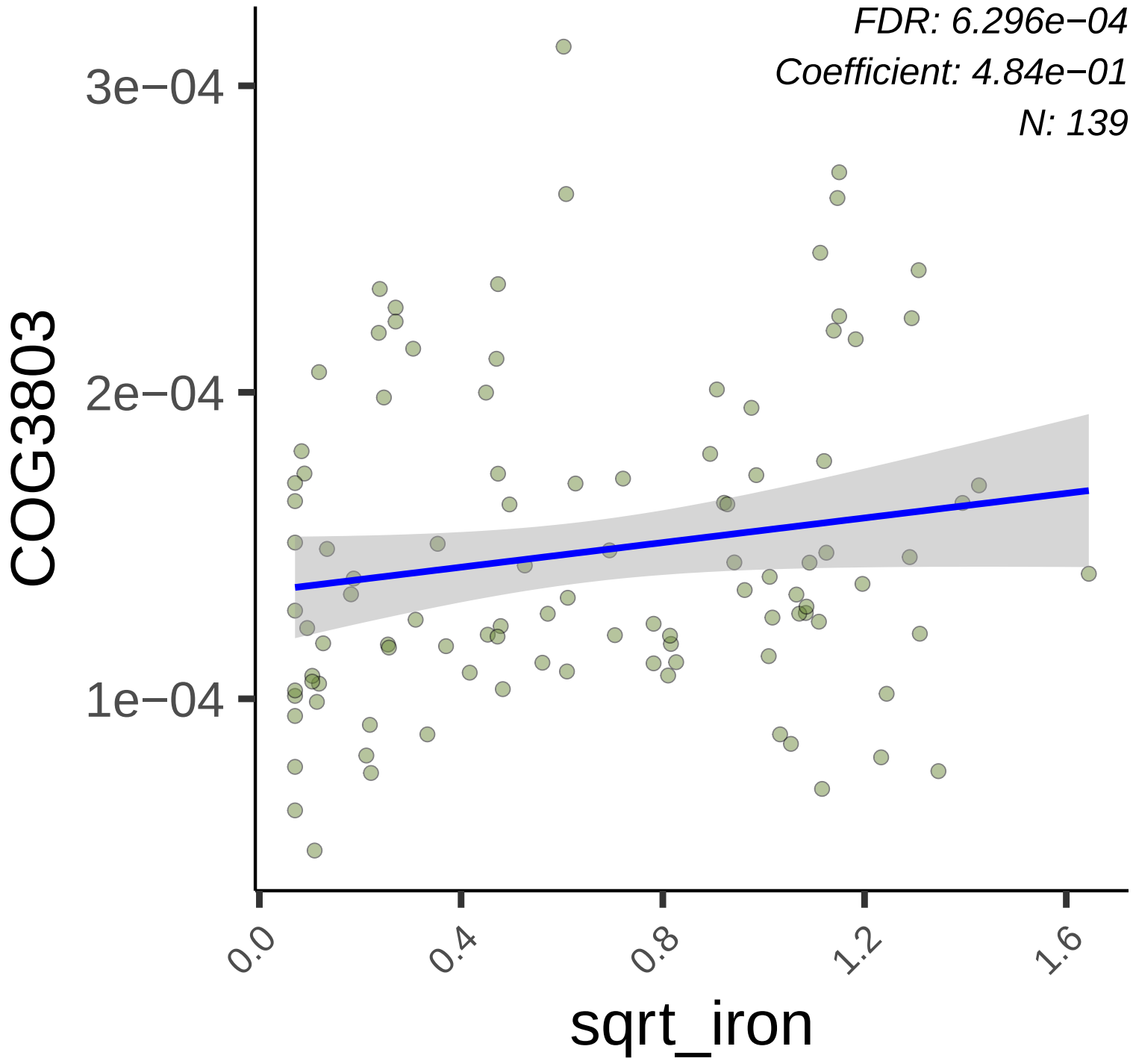
1.6
sqrt_iron


FDR: 6.296e−04
Coefficient: 4.84e−01
N: 139
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COG3803
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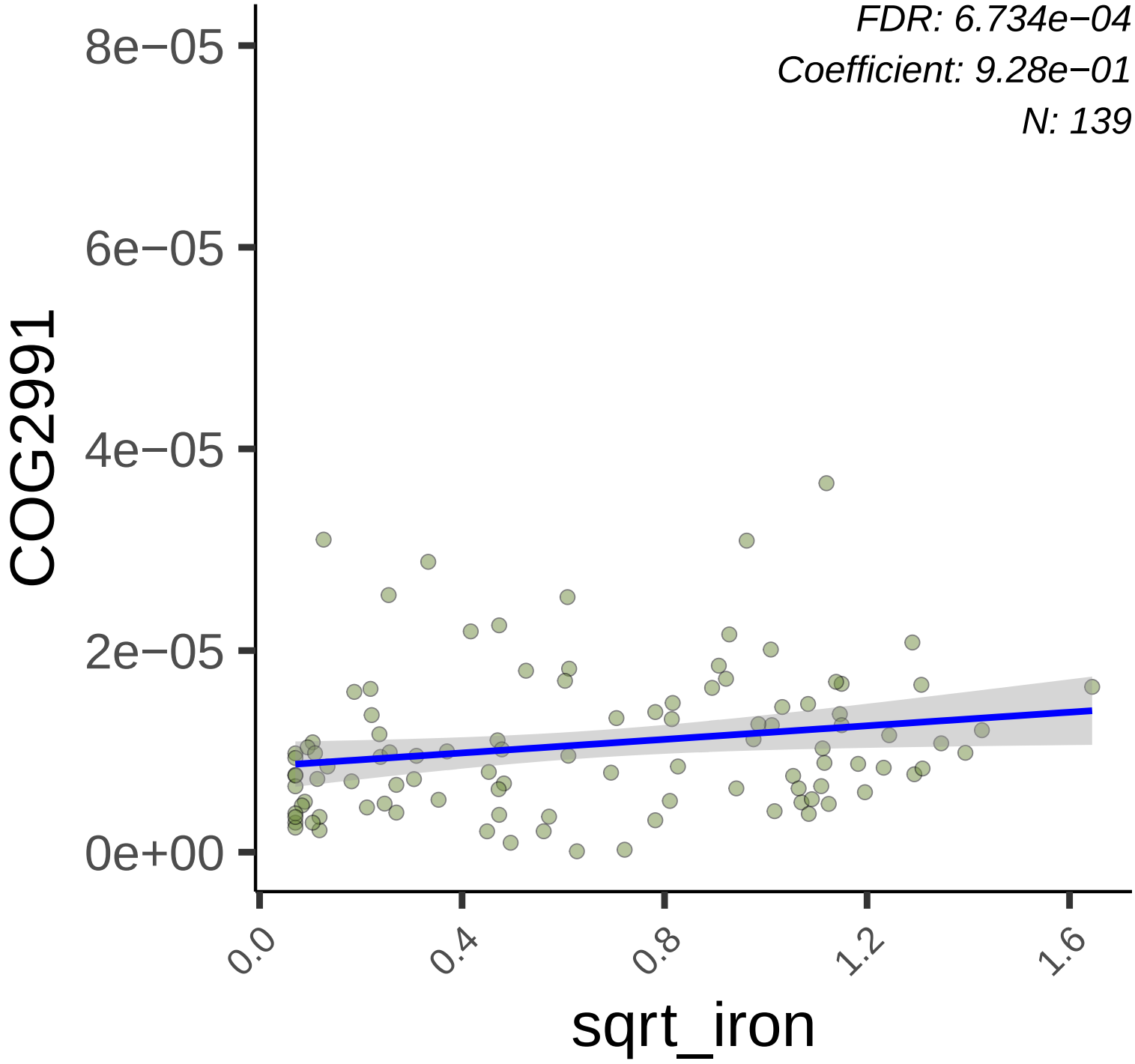
1.6
sqrt_iron


FDR: 6.734e−04
Coefficient: 9.28e−01
N: 139
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6e−05
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COG2991
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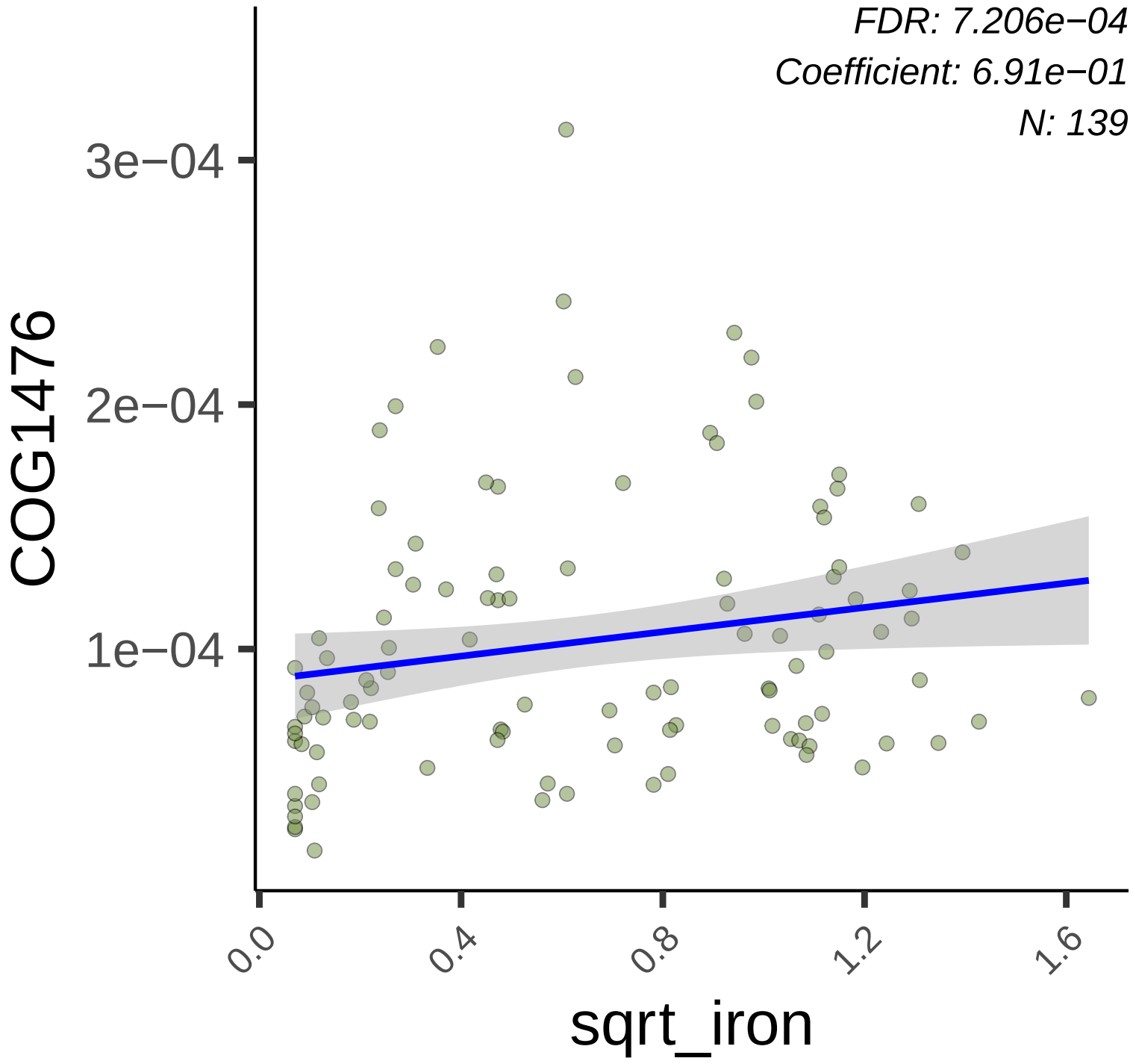
1.6
sqrt_iron


FDR: 7.206e−04
Coefficient: 6.91e−01
N: 139
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2e−04
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COG1476
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0.4
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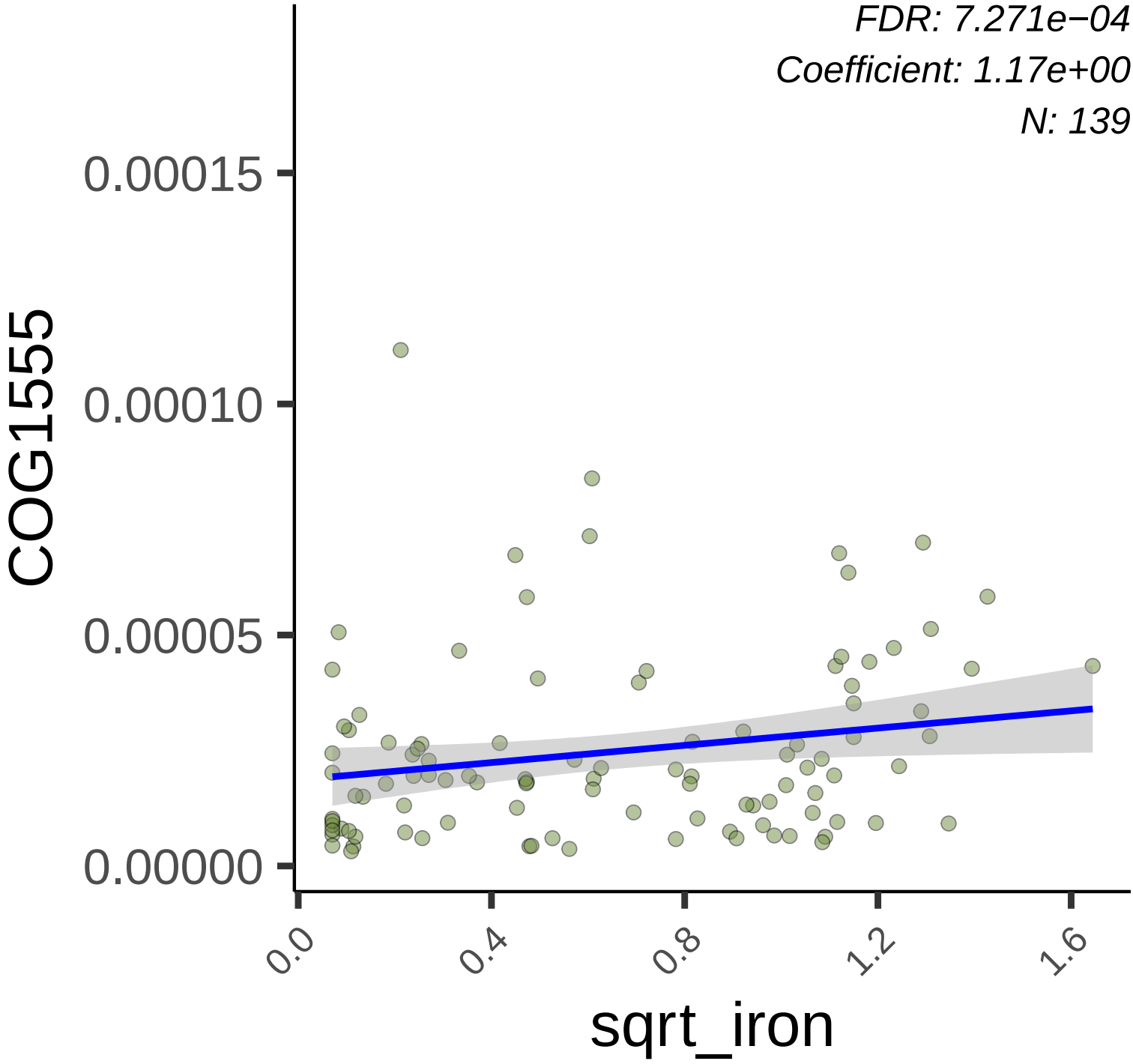
sqrt_iron


FDR: 7.271e−04
Coefficient: 1.17e+00
N: 139
COG1555
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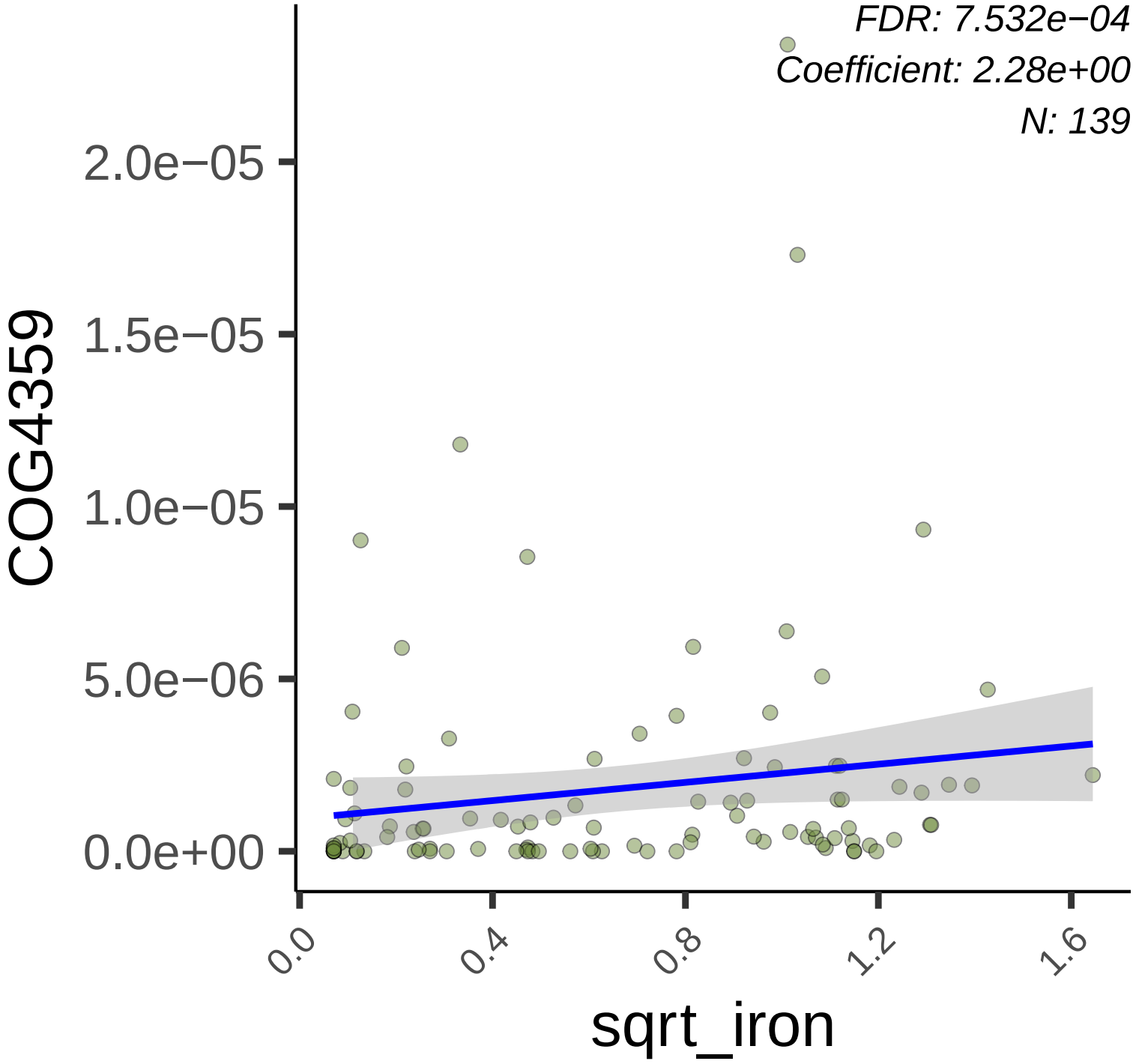
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 7.532e−04
Coefficient: 2.28e+00
N: 139
COG4359
2.0e−05
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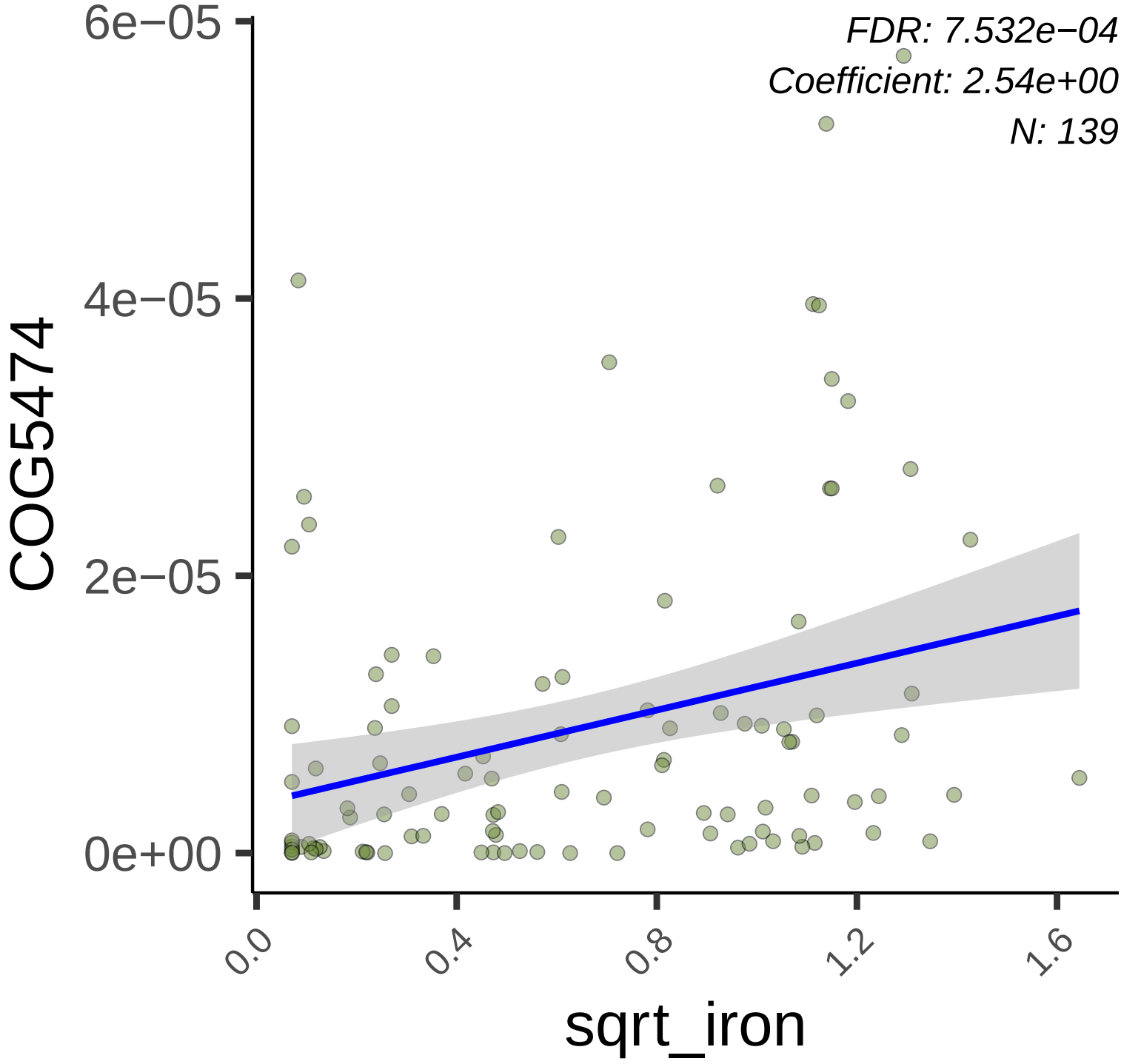
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 7.532e−04
Coefficient: 2.54e+00
N: 139
COG5474
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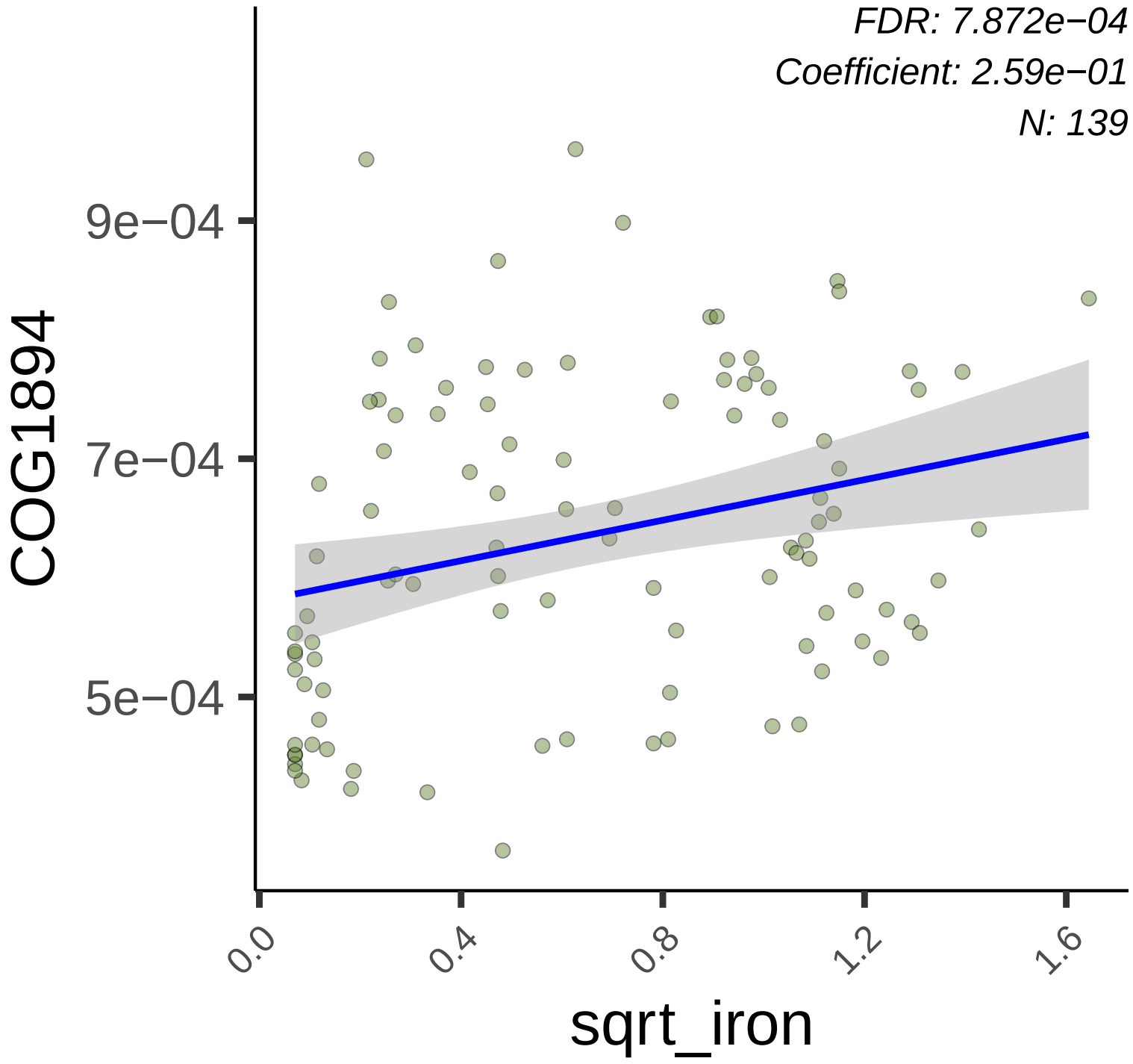
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 7.872e−04
Coefficient: 2.59e−01
N: 139
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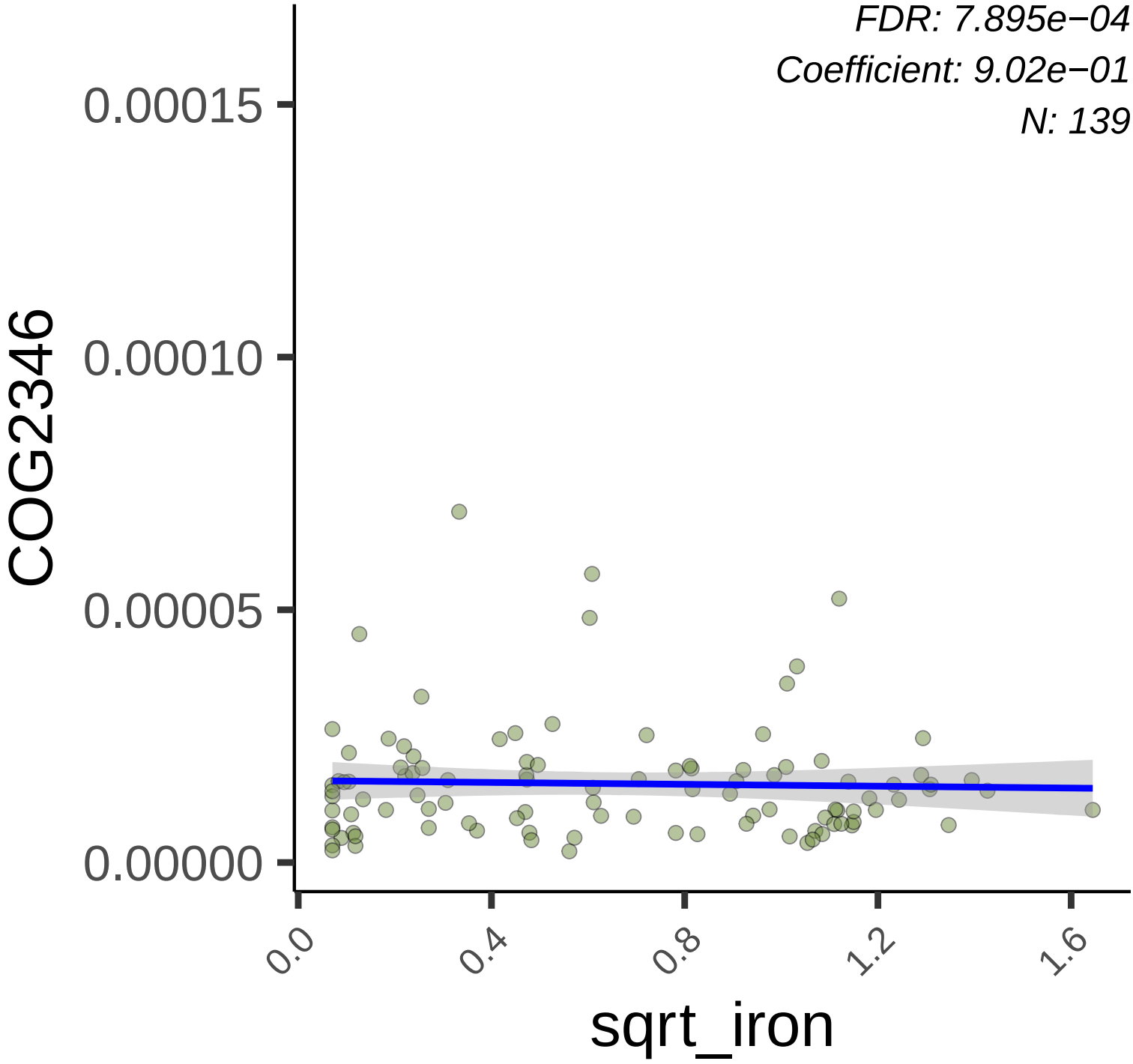
9e−04
7e−04
5e−04
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 7.895e−04
Coefficient: 9.02e−01
N: 139
COG2346
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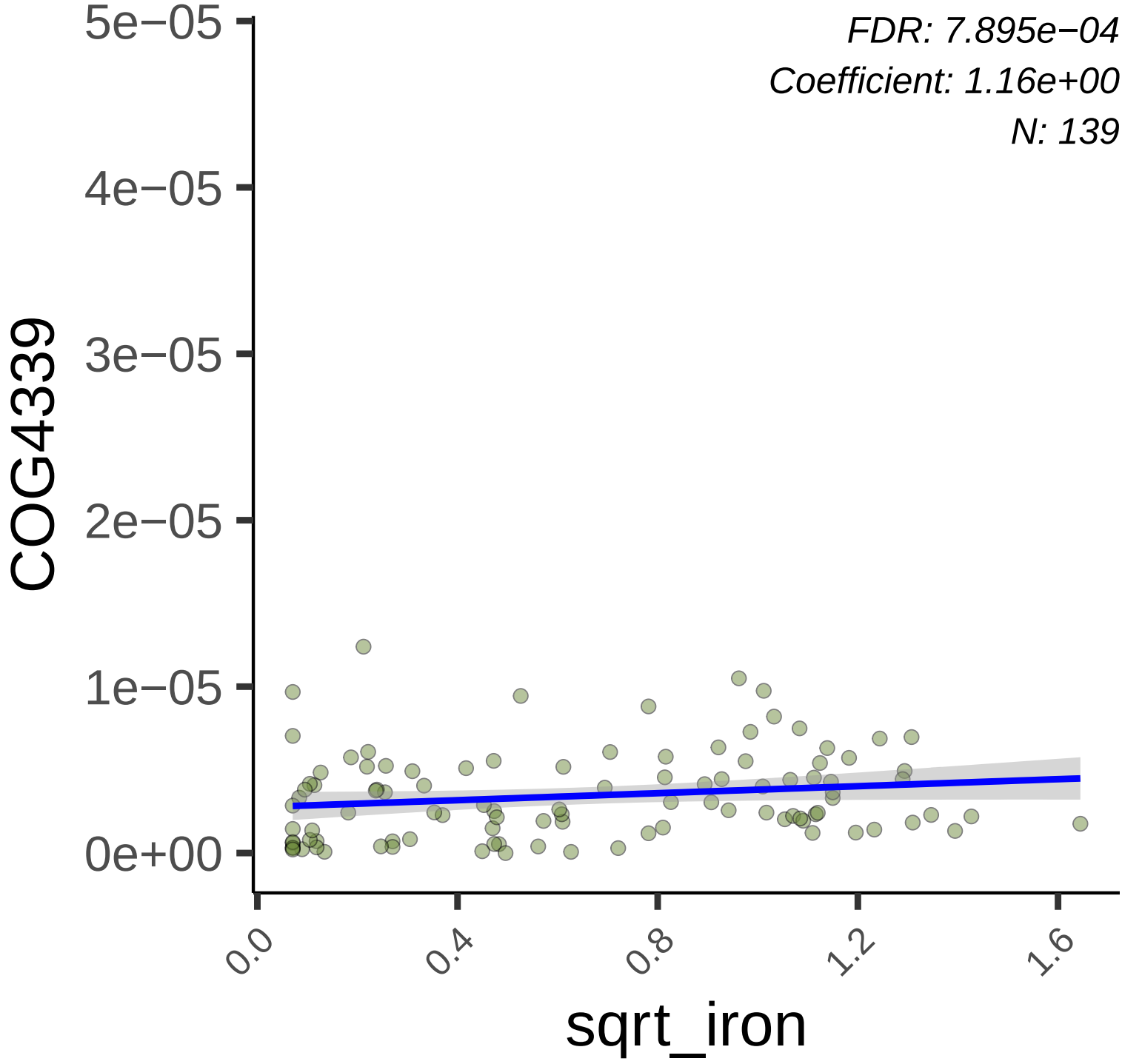
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 7.895e−04
Coefficient: 1.16e+00
N: 139
COG4339
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2e−05
1e−05
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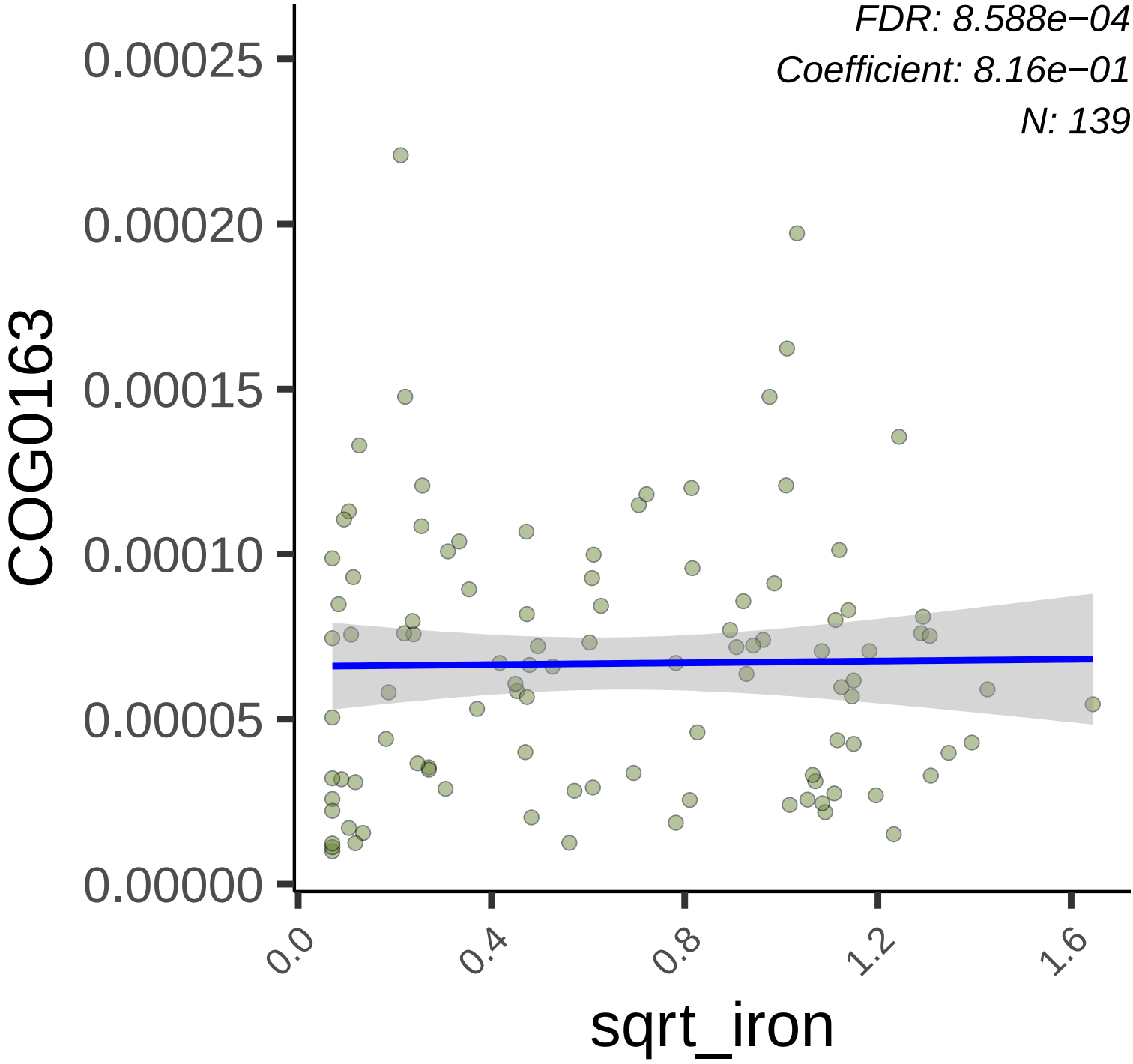
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 8.588e−04
Coefficient: 8.16e−01
N: 139
COG0163
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0.00010
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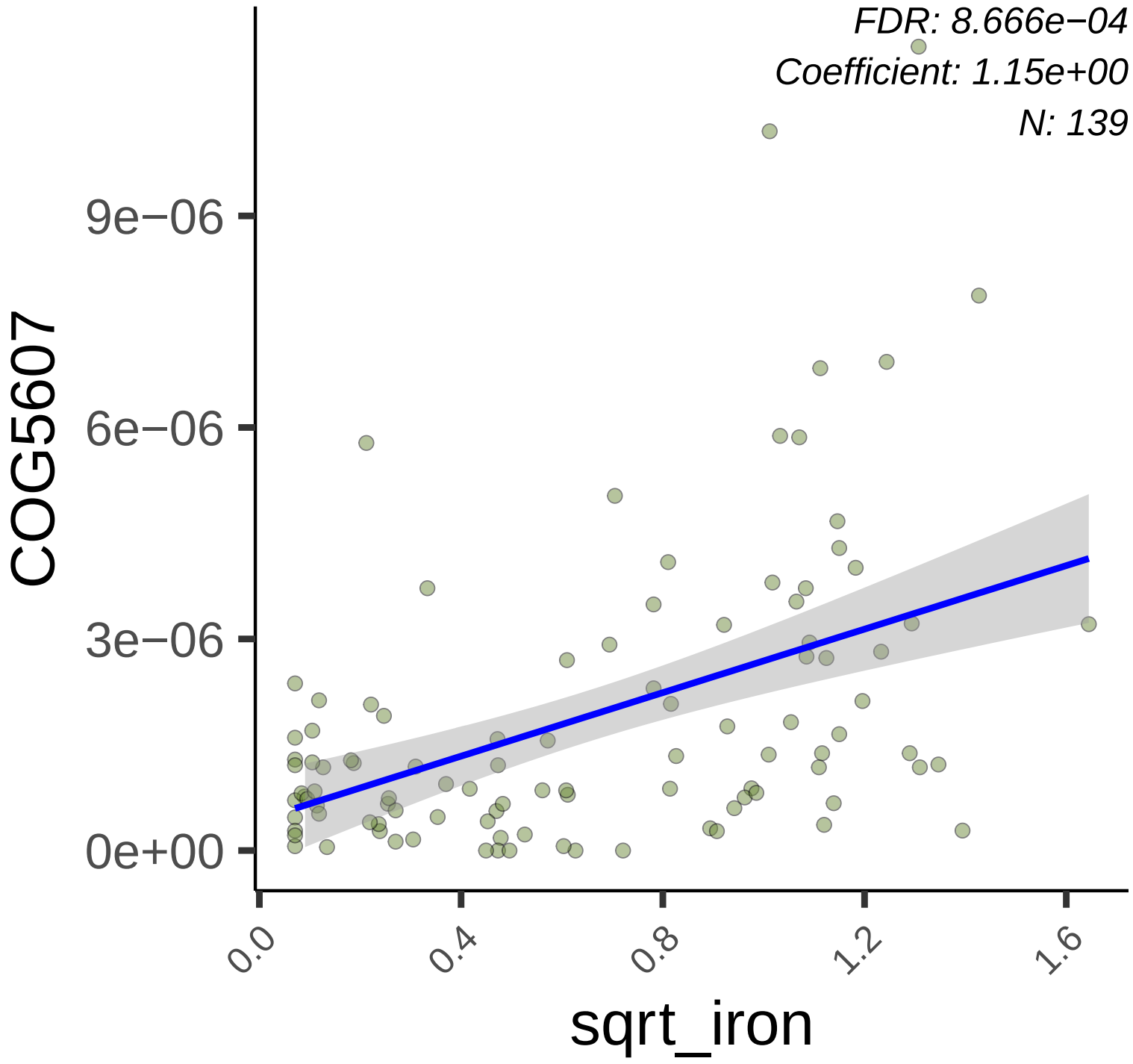
0.00000
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 8.666e−04
Coefficient: 1.15e+00
N: 139
COG5607
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6e−06
3e−06
0e+00
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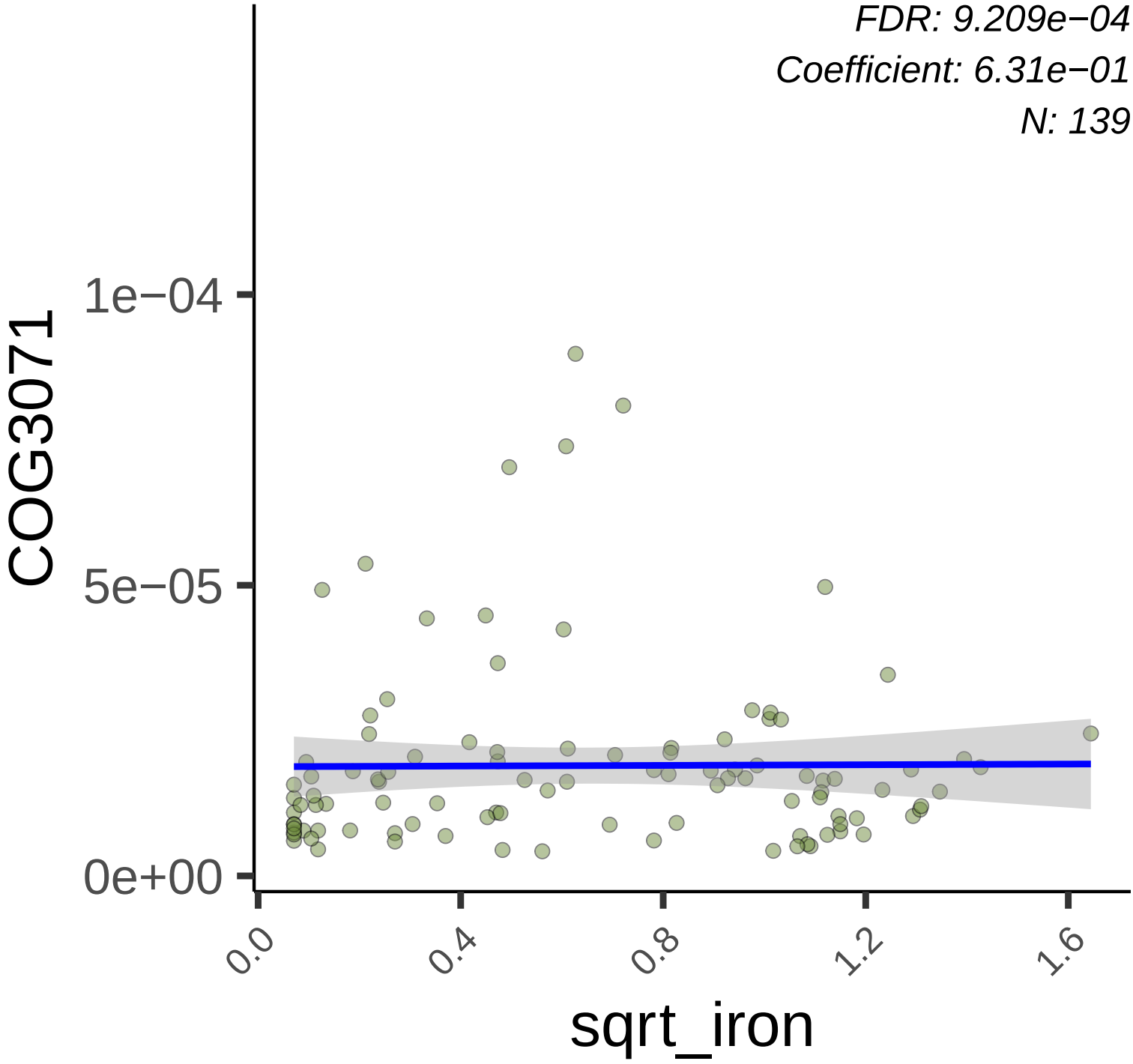
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 9.209e−04
Coefficient: 6.31e−01
N: 139
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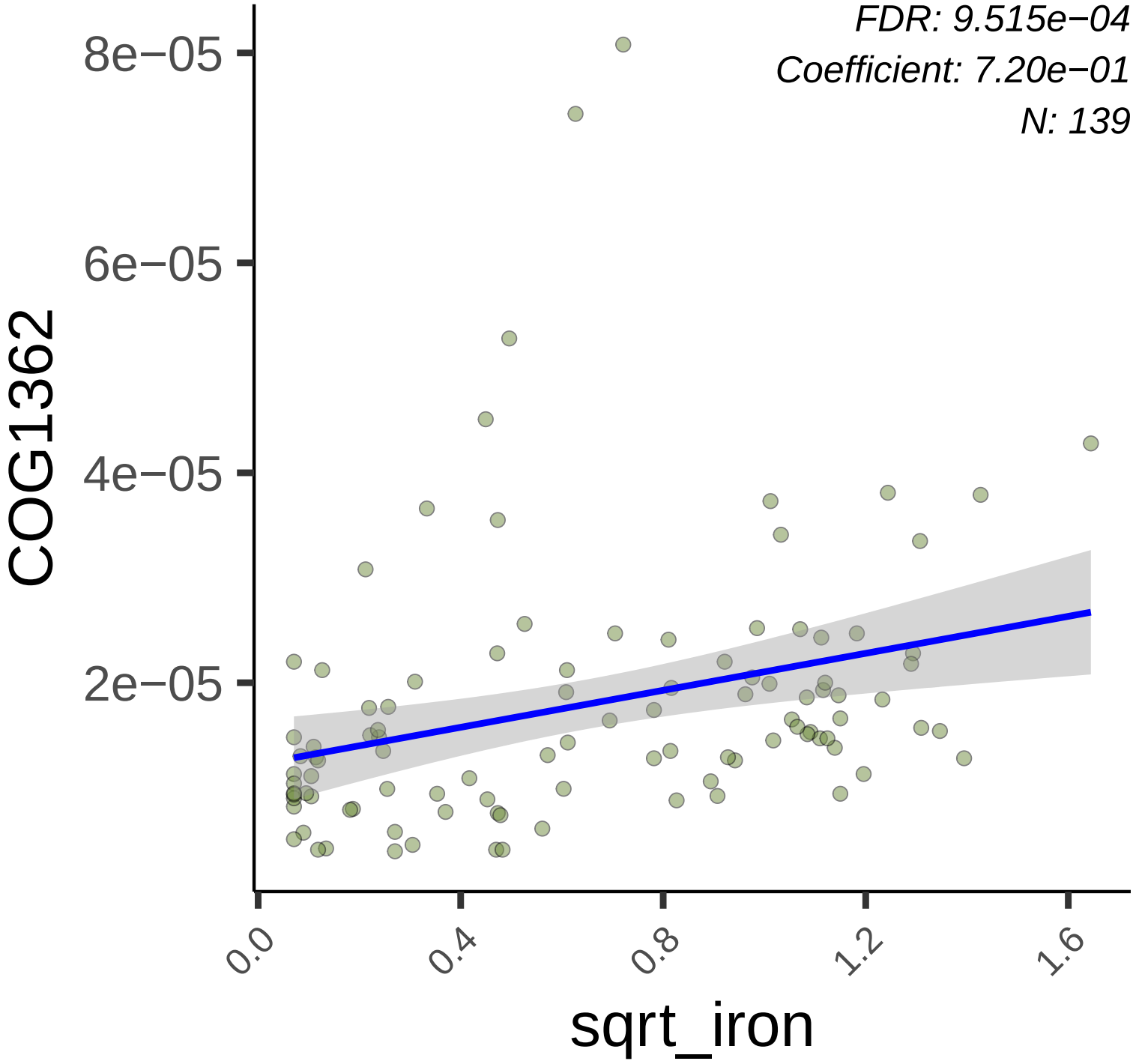
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 9.515e−04
Coefficient: 7.20e−01
N: 139
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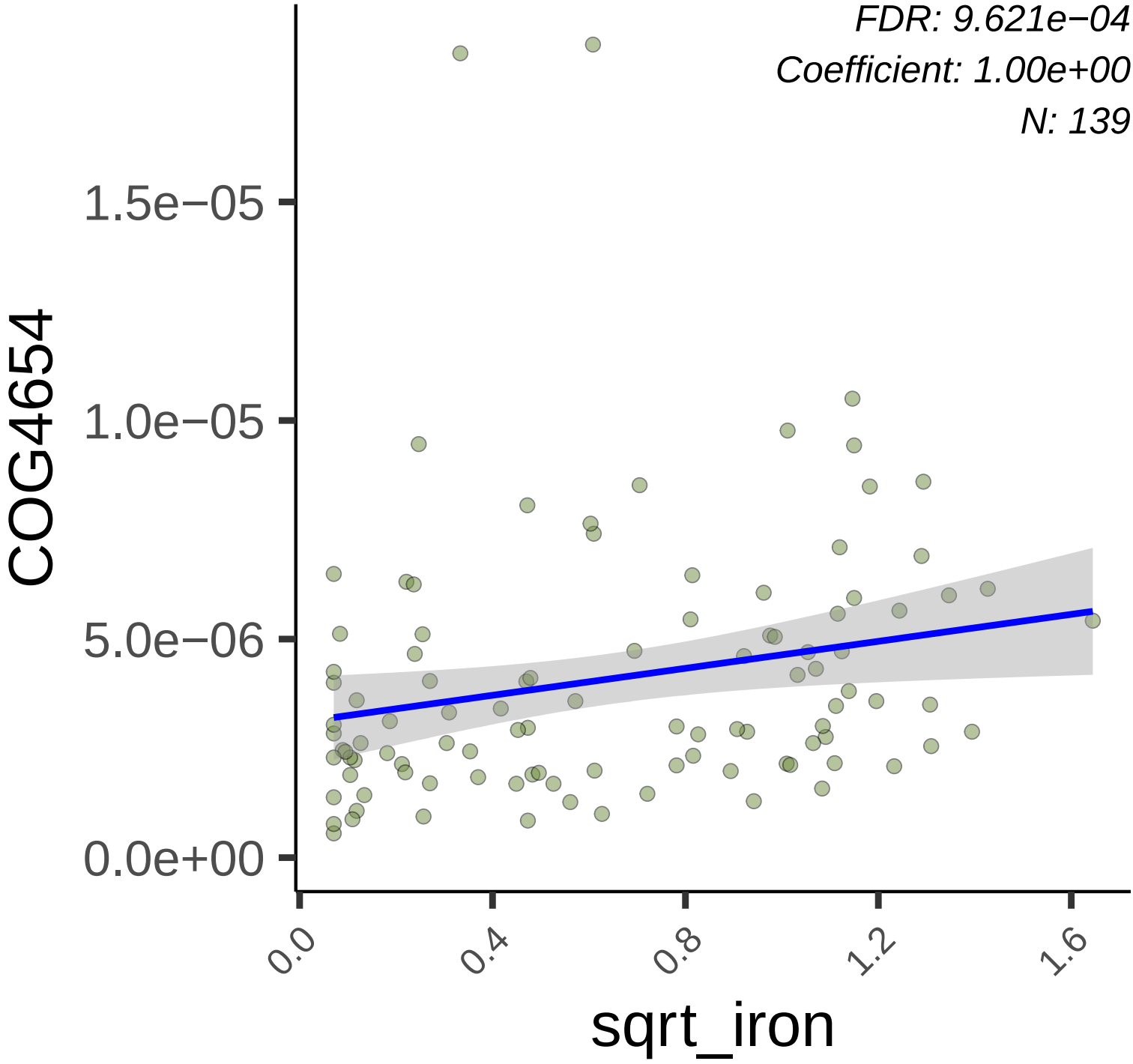
6e−05
4e−05
2e−05
COG1362
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 9.621e−04
Coefficient: 1.00e+00
N: 139
COG4654
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5.0e−06
0.0e+00
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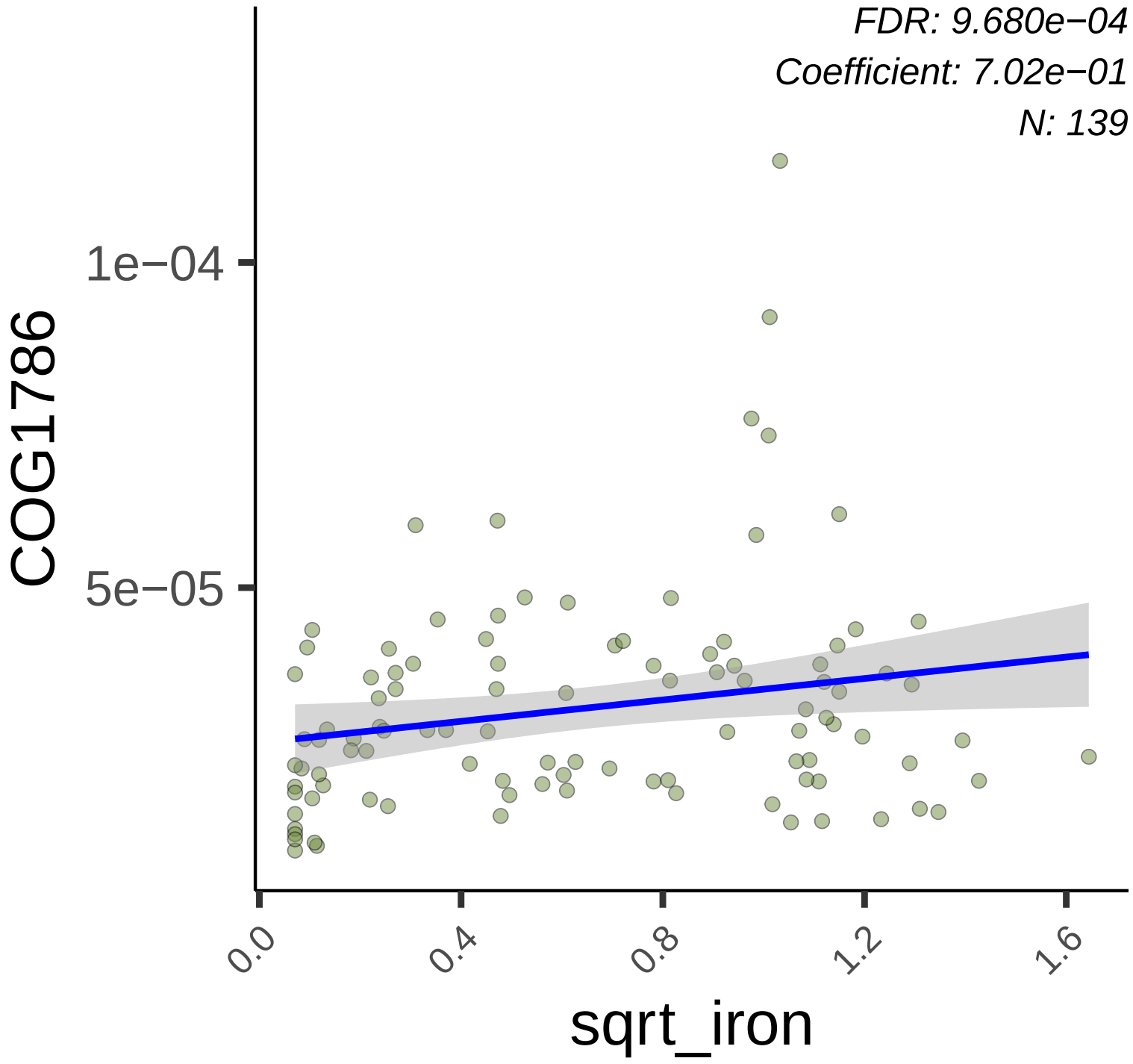
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 9.680e−04
Coefficient: 7.02e−01
N: 139
COG1786
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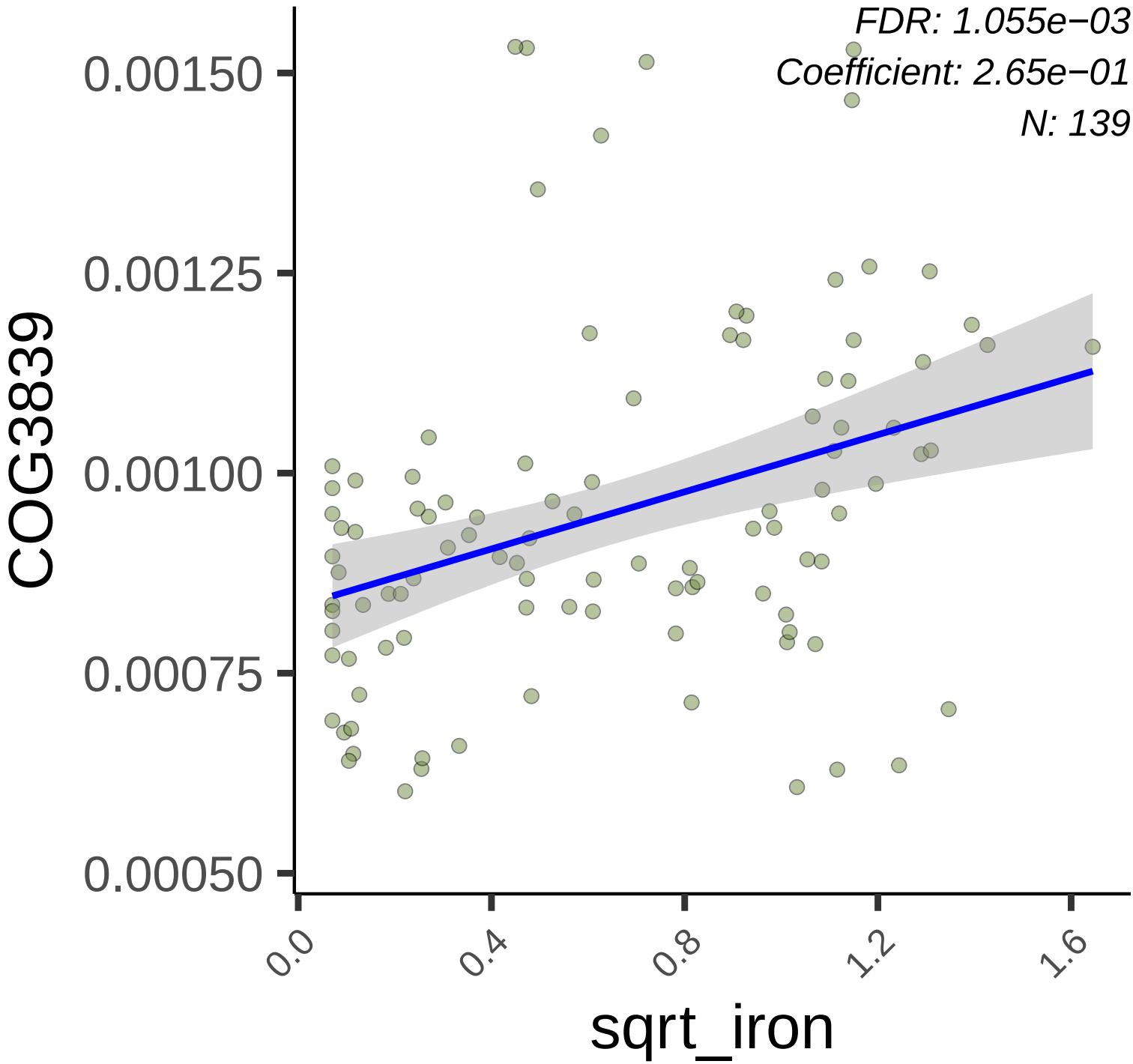
5e−05
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.055e−03
Coefficient: 2.65e−01
N: 139
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0.00075
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COG3839
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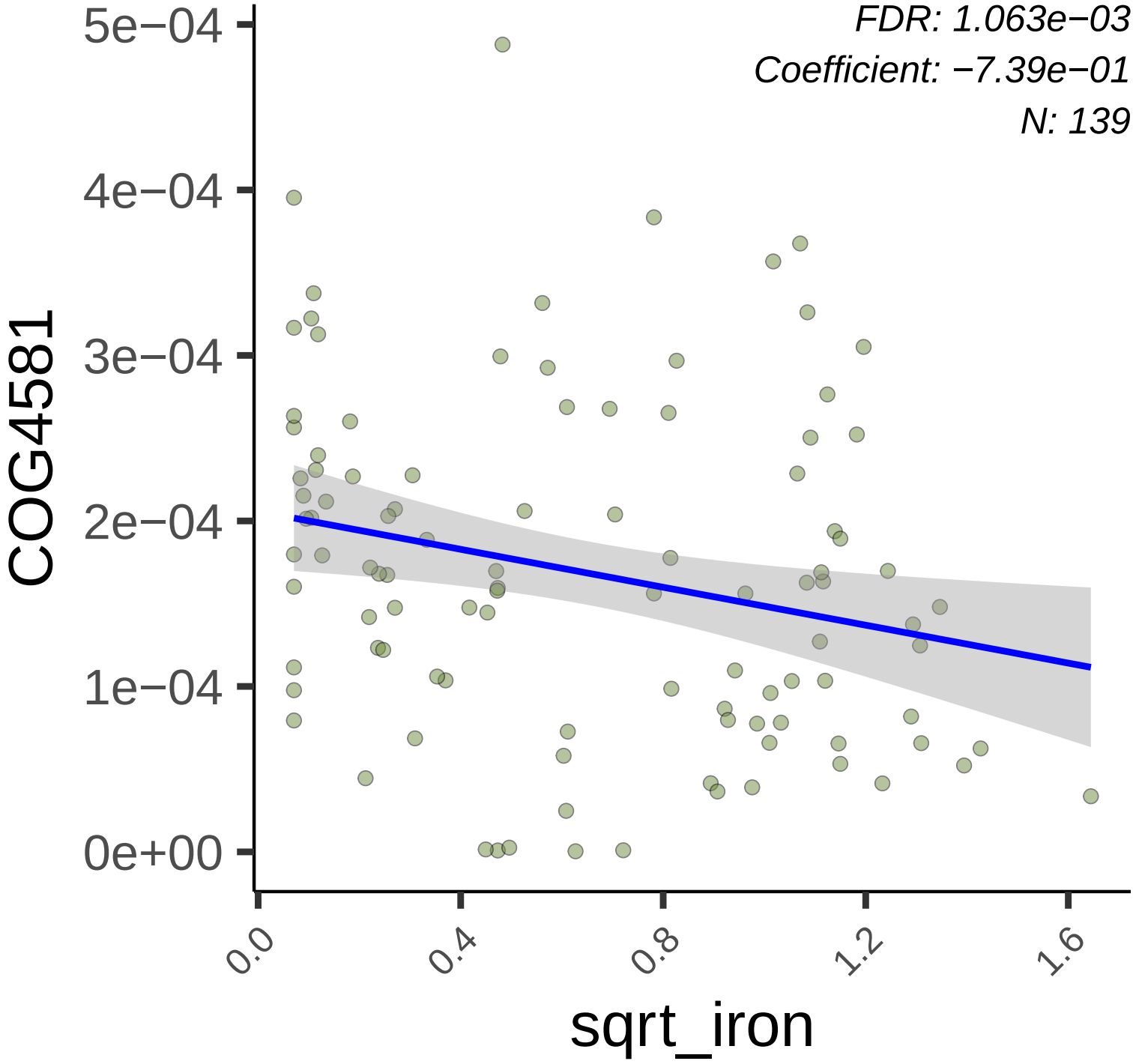
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.063e−03
Coefficient: −7.39e−01
N: 139
COG4581
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4e−04
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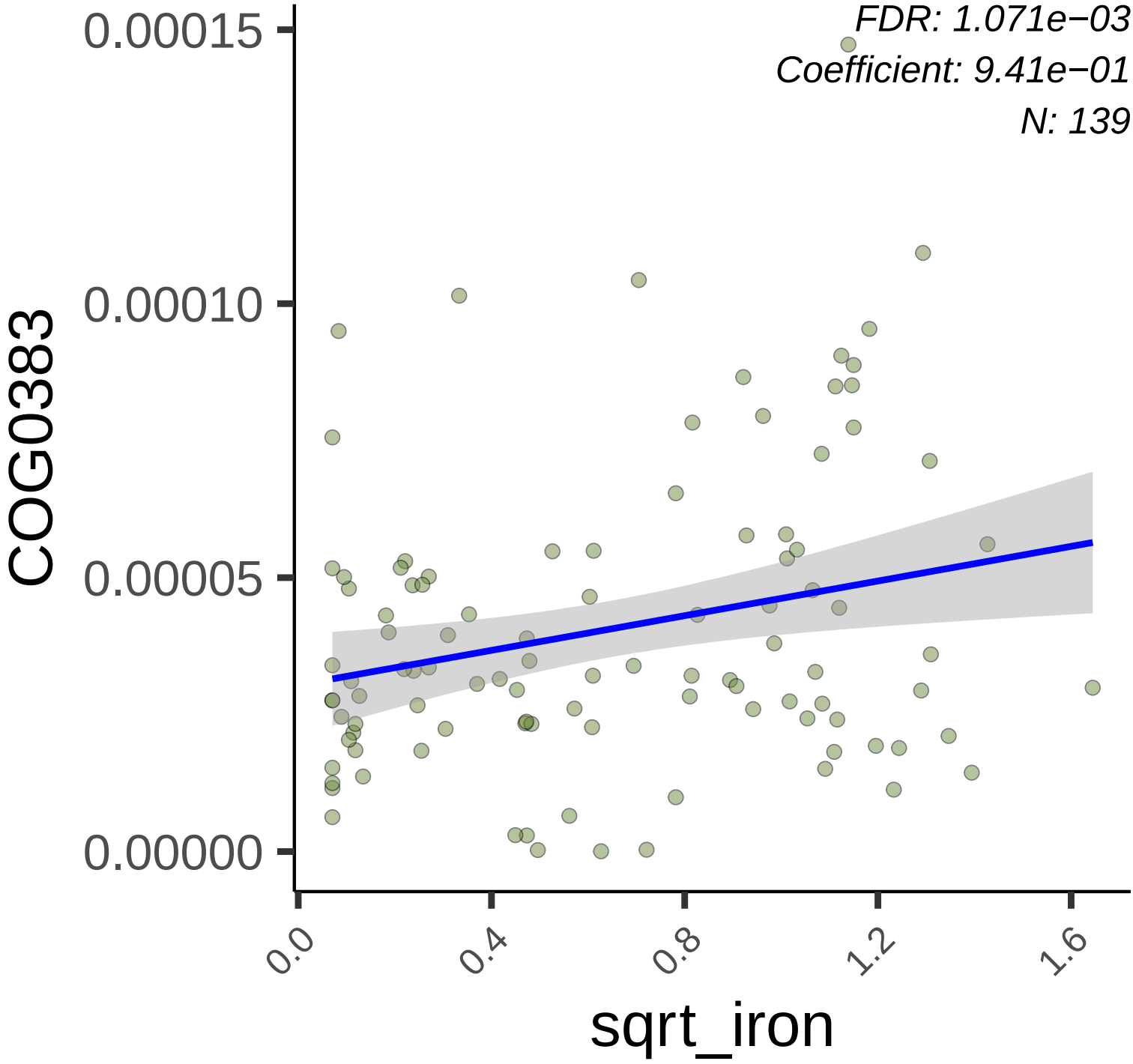
2e−04
1e−04
0e+00
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.071e−03
Coefficient: 9.41e−01
N: 139
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COG0383
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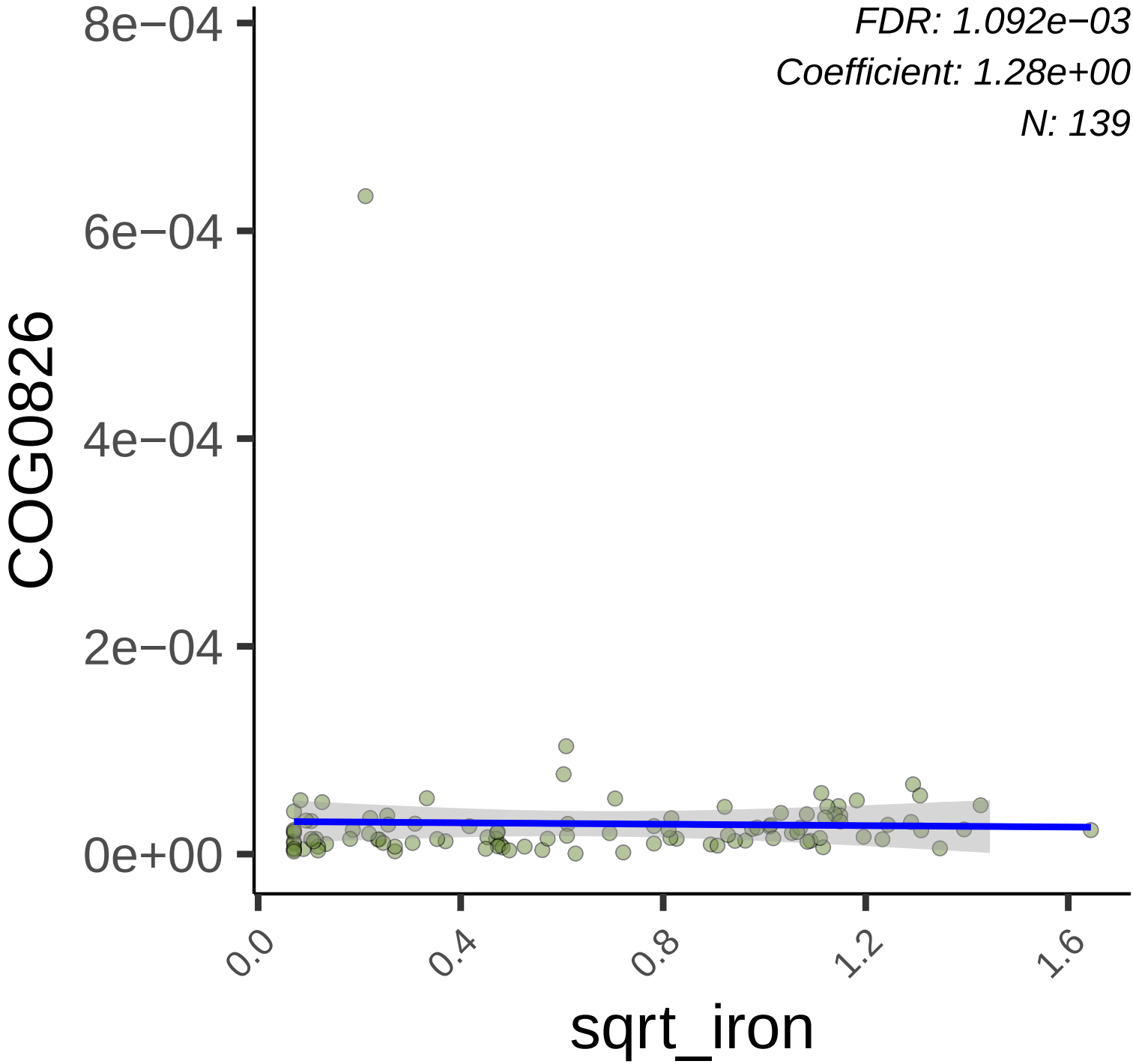
1.2
1.6
sqrt_iron


FDR: 1.092e−03
Coefficient: 1.28e+00
N: 139
COG0826
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6e−04
4e−04
2e−04
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0.4
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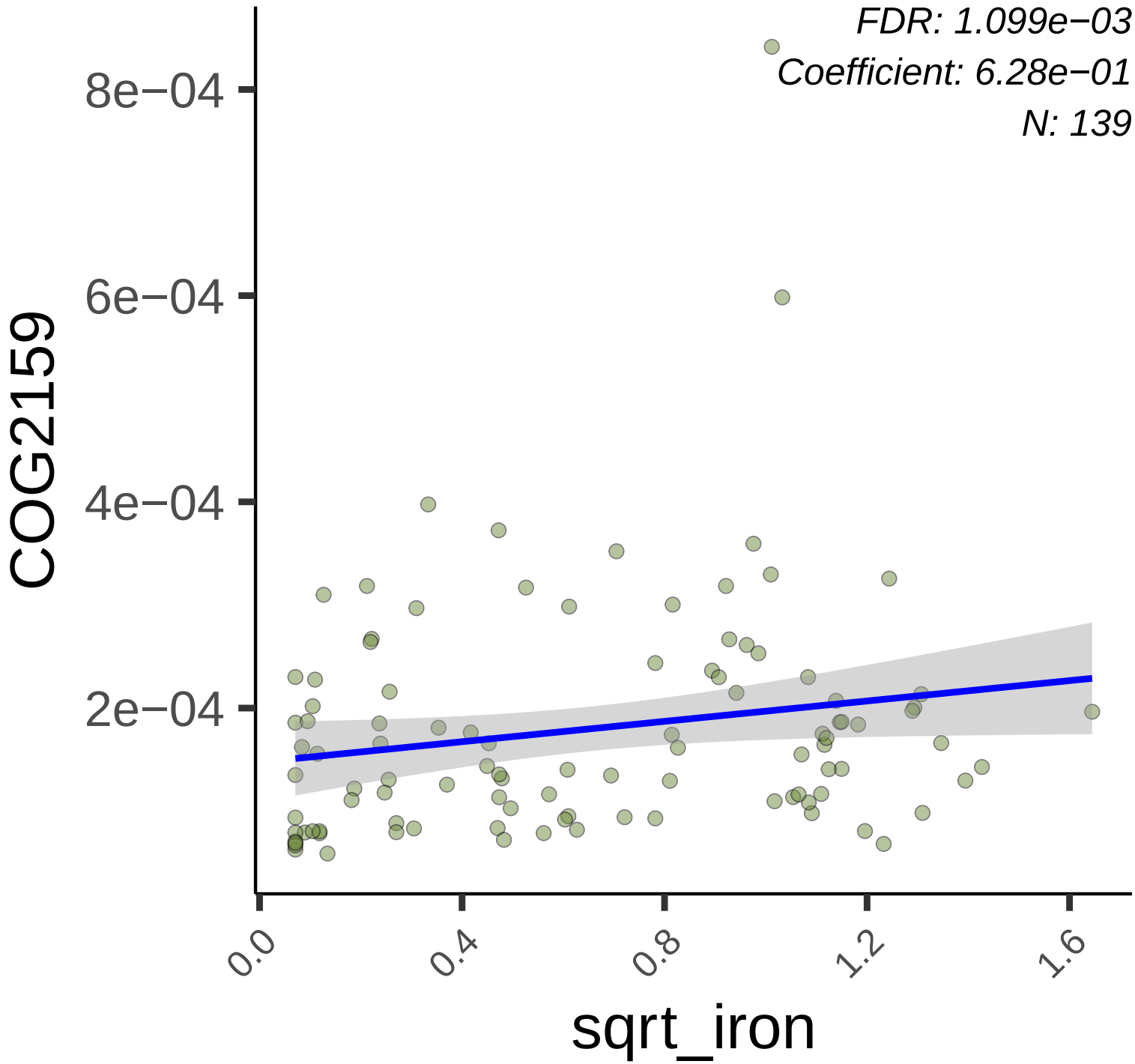
1.2
1.6
sqrt_iron


FDR: 1.099e−03
Coefficient: 6.28e−01
N: 139
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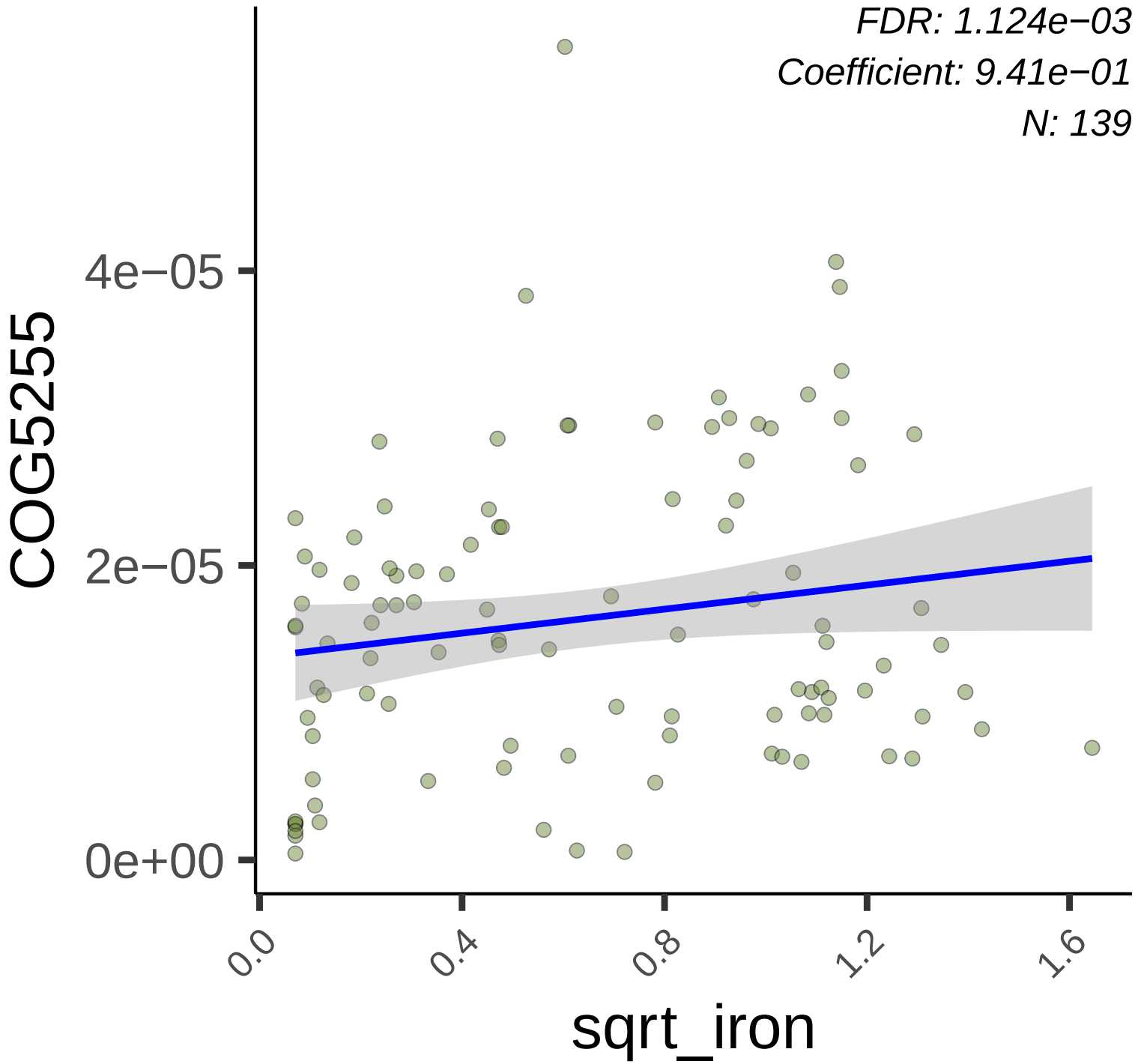
1.2
1.6
sqrt_iron


FDR: 1.124e−03
Coefficient: 9.41e−01
N: 139
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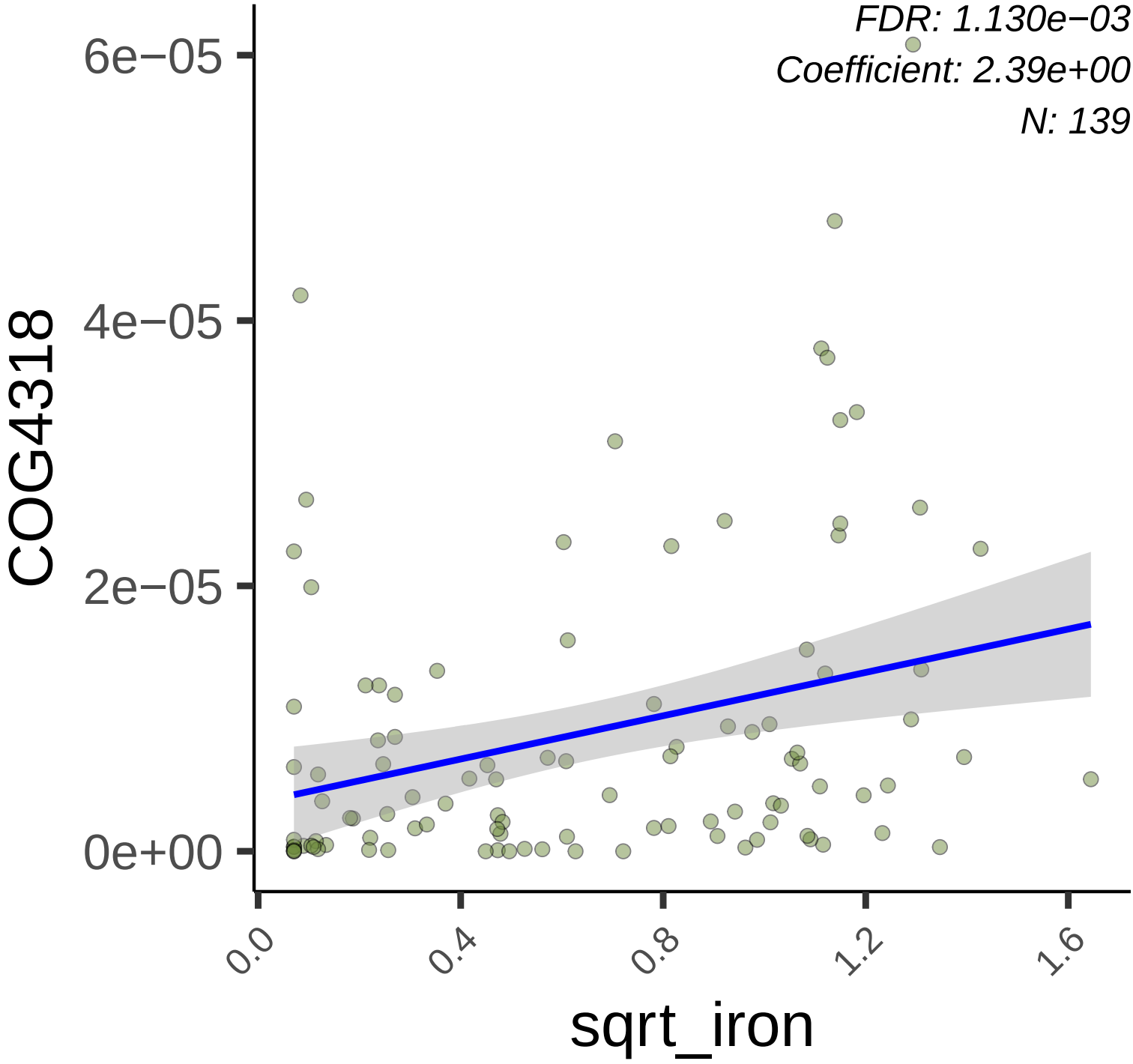
1.2
1.6
sqrt_iron


FDR: 1.130e−03
Coefficient: 2.39e+00
N: 139
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2e−05
0e+00
COG4318
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0.4
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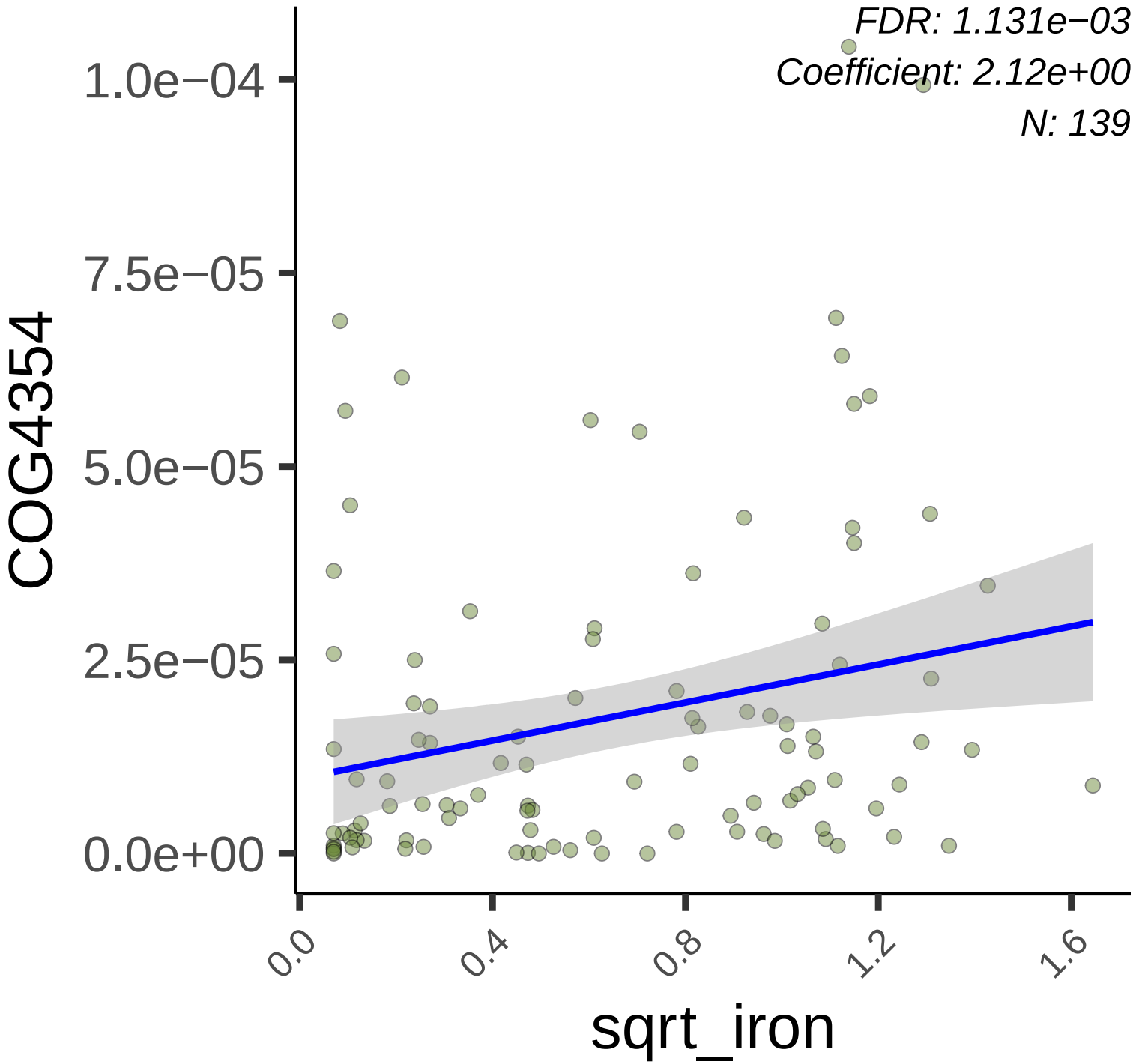
1.2
1.6
sqrt_iron


FDR: 1.131e−03
Coefficient: 2.12e+00
N: 139
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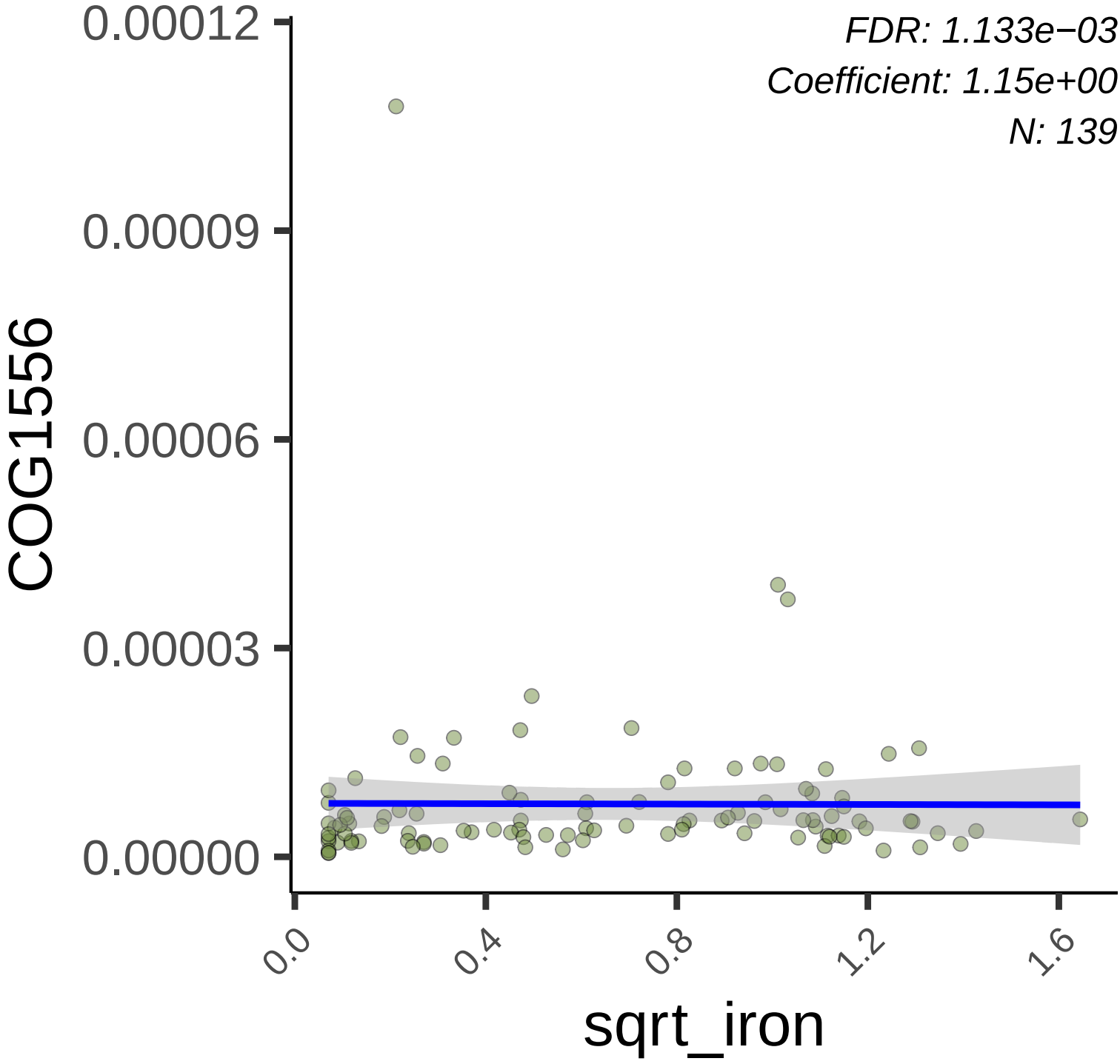
1.2
1.6
sqrt_iron


FDR: 1.133e−03
Coefficient: 1.15e+00
N: 139
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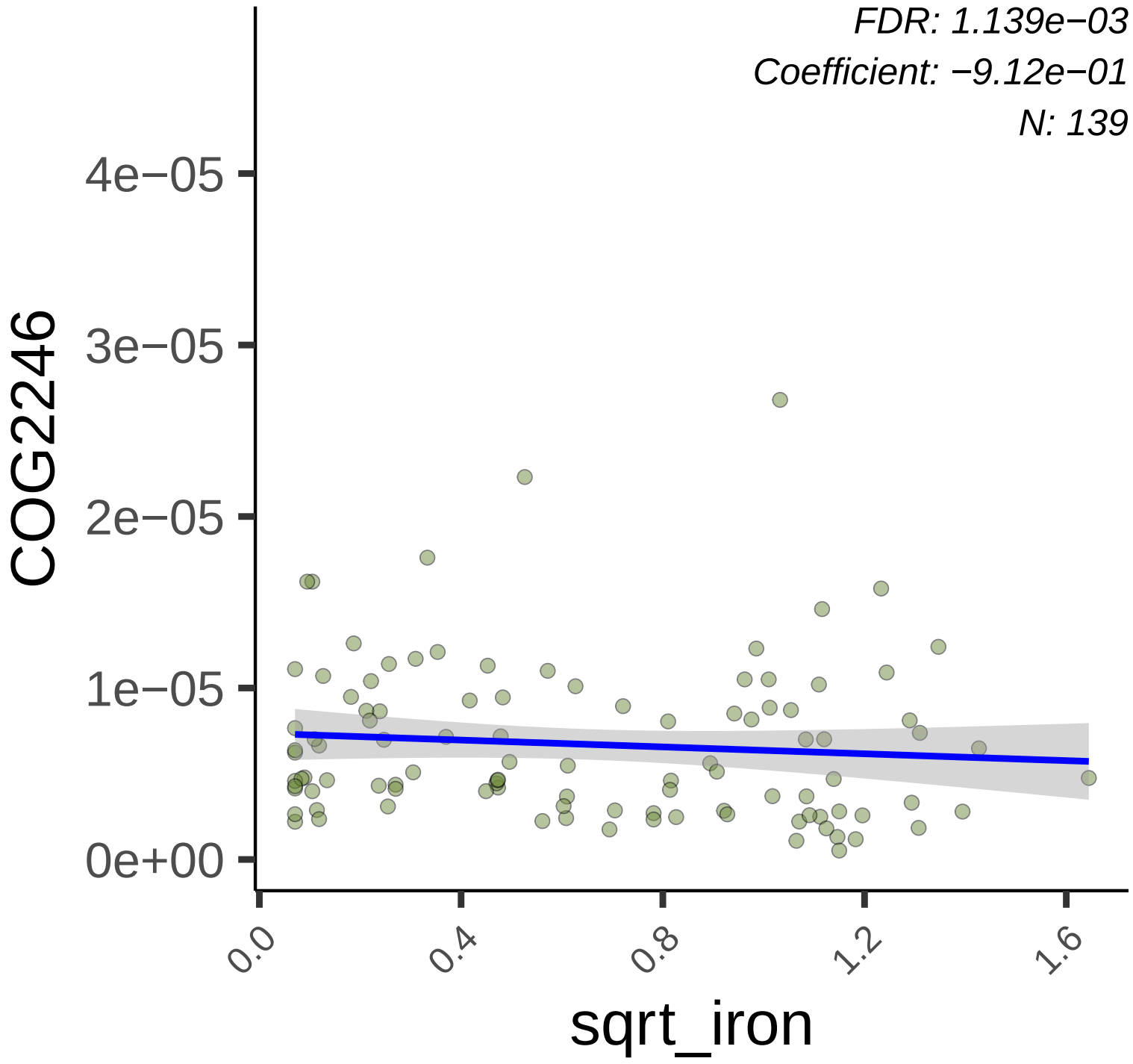
1.6
sqrt_iron


FDR: 1.139e−03
Coefficient: −9.12e−01
N: 139
COG2246
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2e−05
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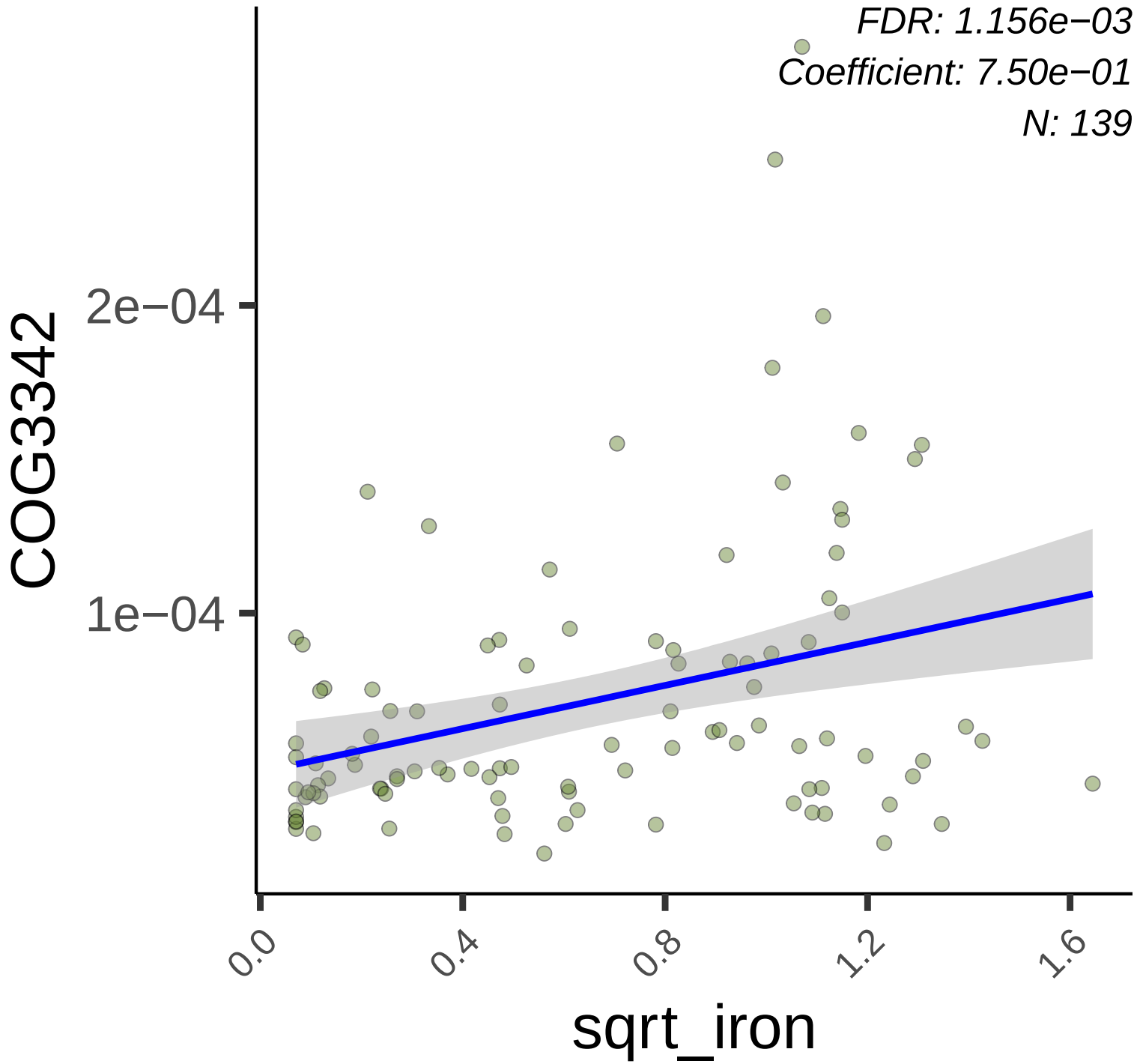
1.2
1.6
sqrt_iron


FDR: 1.156e−03
Coefficient: 7.50e−01
N: 139
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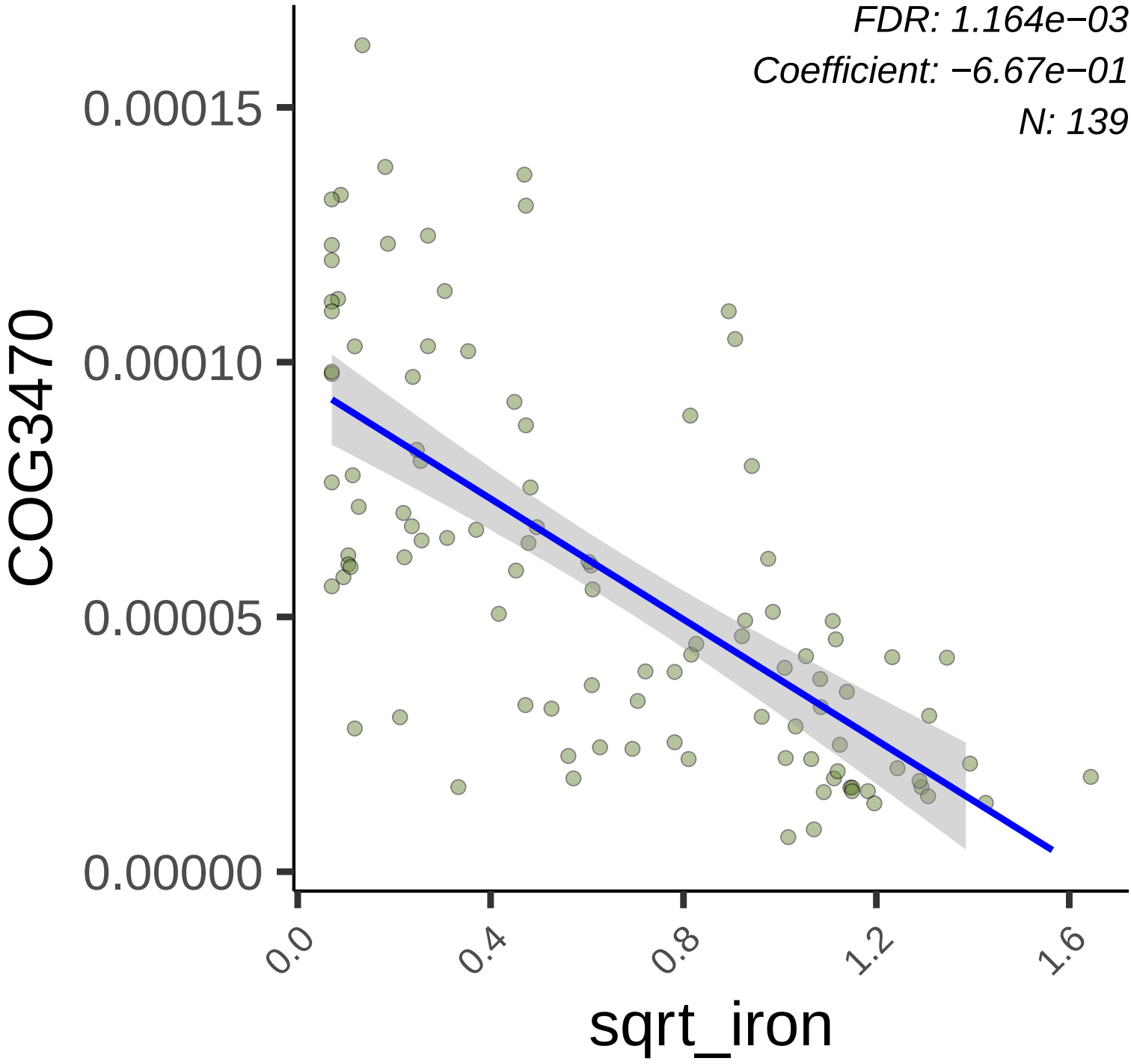
1.6
sqrt_iron


FDR: 1.164e−03
Coefficient: −6.67e−01
N: 139
COG3470
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0.4
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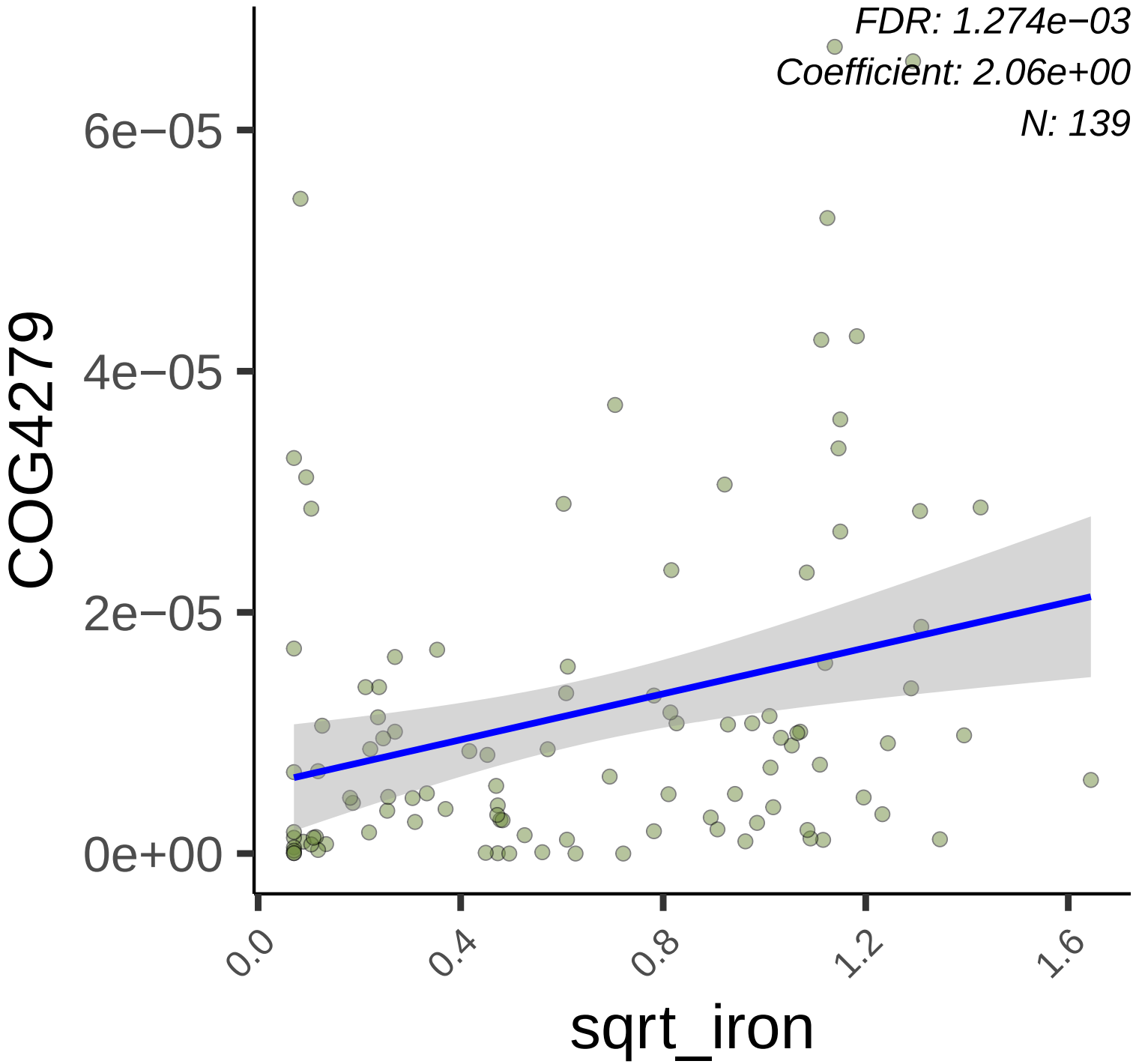
1.2
1.6
sqrt_iron


FDR: 1.274e−03
Coefficient: 2.06e+00
N: 139
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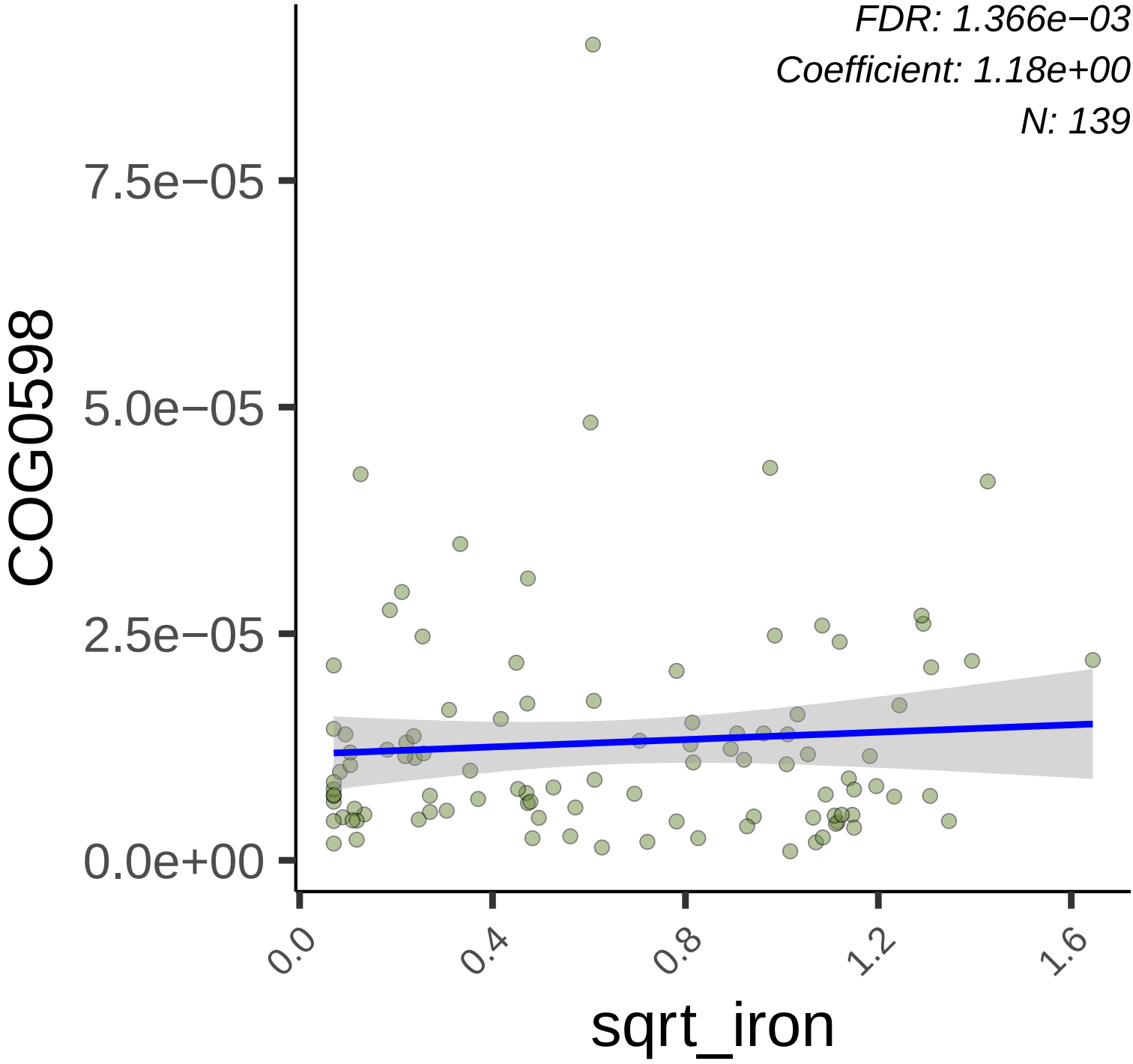
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.366e−03
Coefficient: 1.18e+00
N: 139
COG0598
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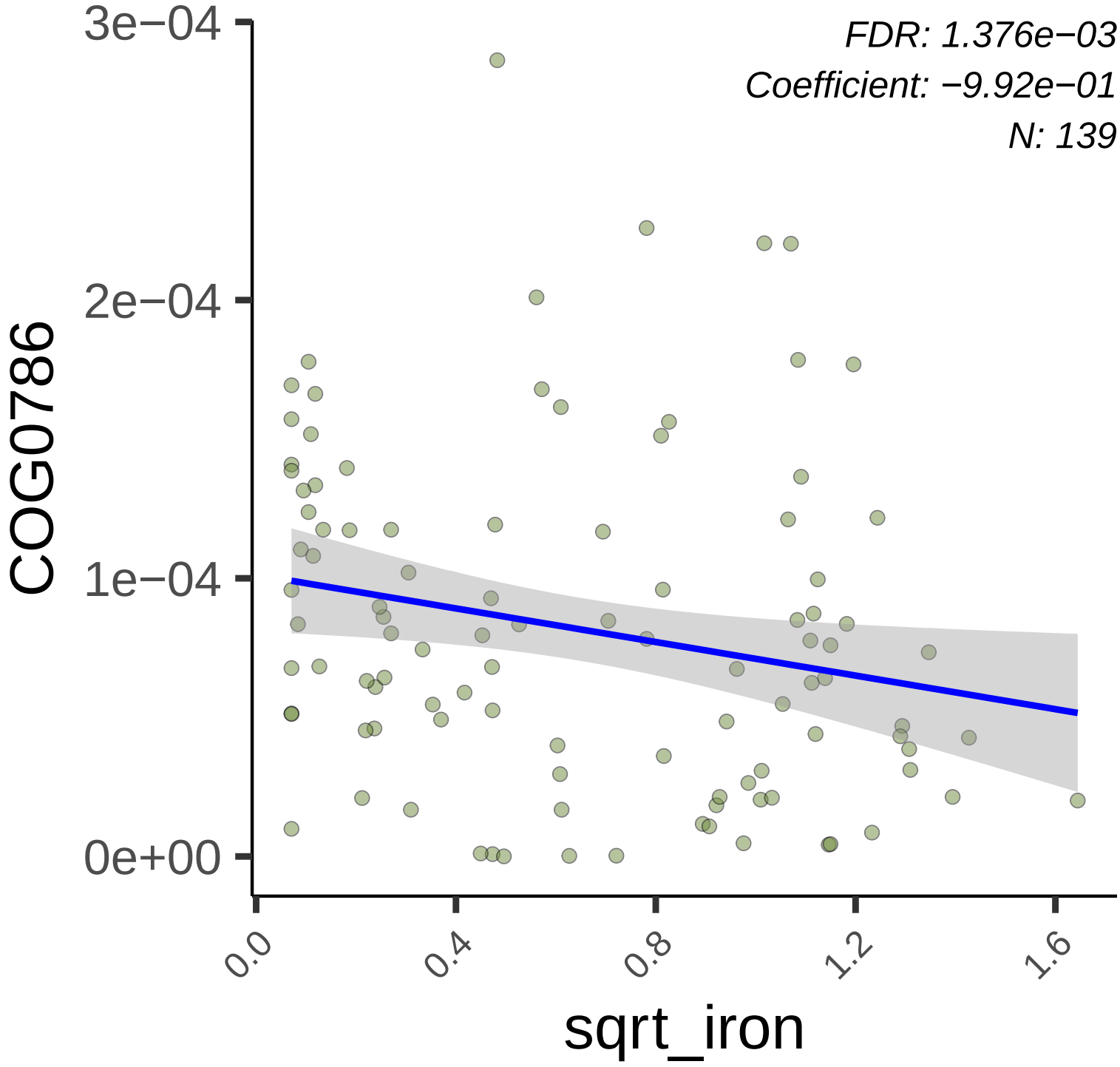
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.376e−03
Coefficient: −9.92e−01
N: 139
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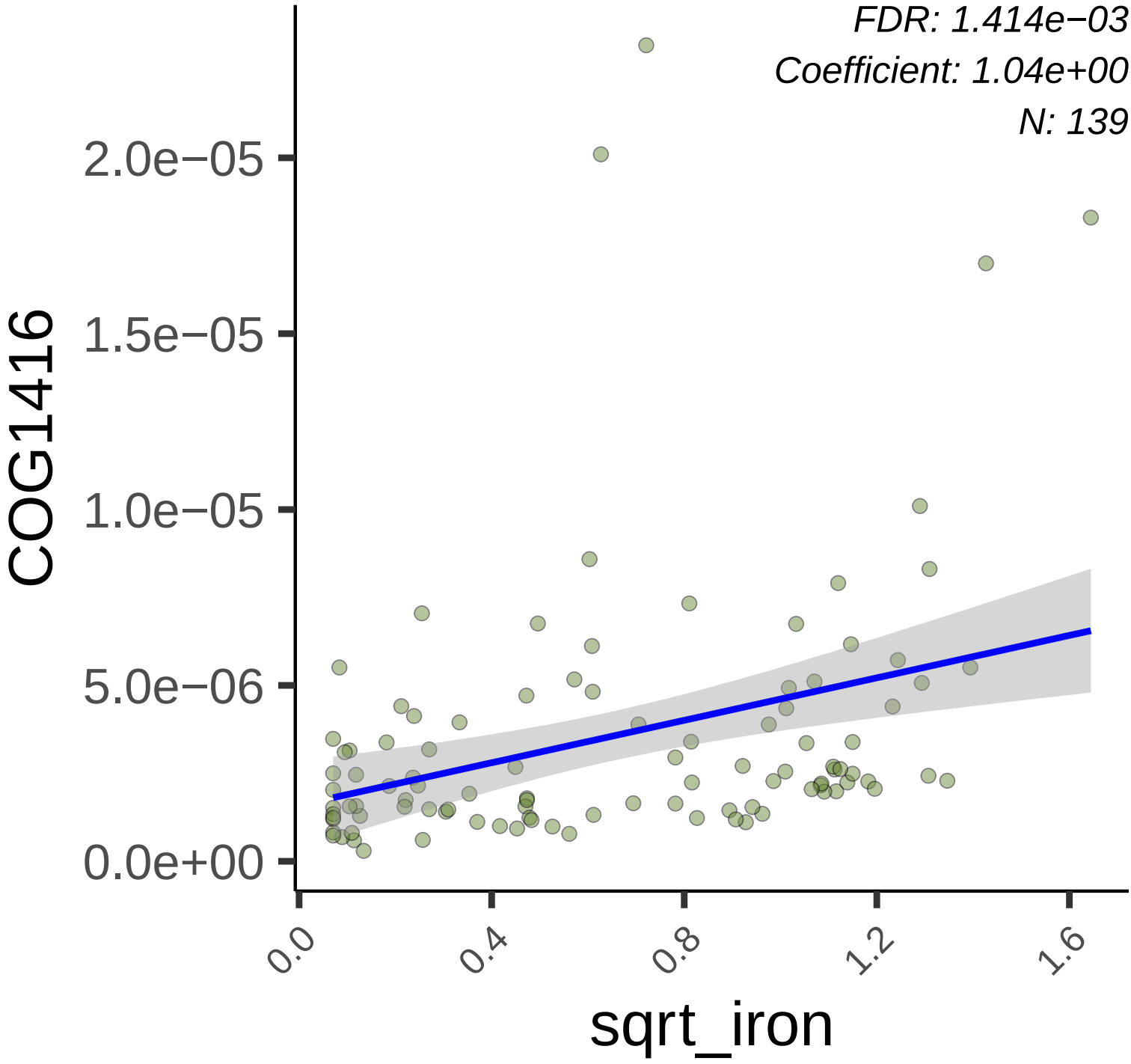
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.414e−03
Coefficient: 1.04e+00
N: 139
COG1416
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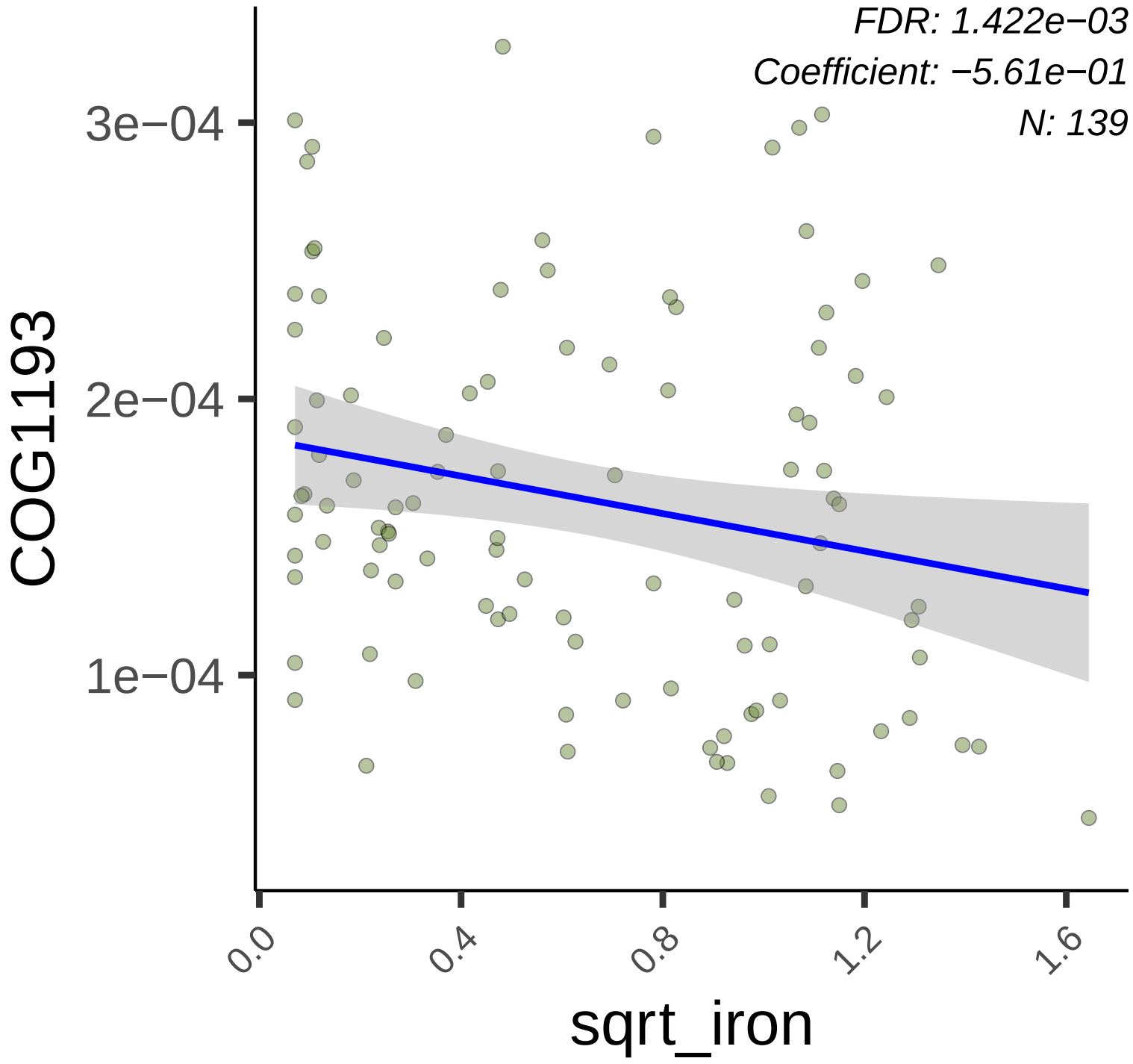
1.0e−05
5.0e−06
0.0e+00
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.422e−03
Coefficient: −5.61e−01
N: 139
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2e−04
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COG1193
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0.4
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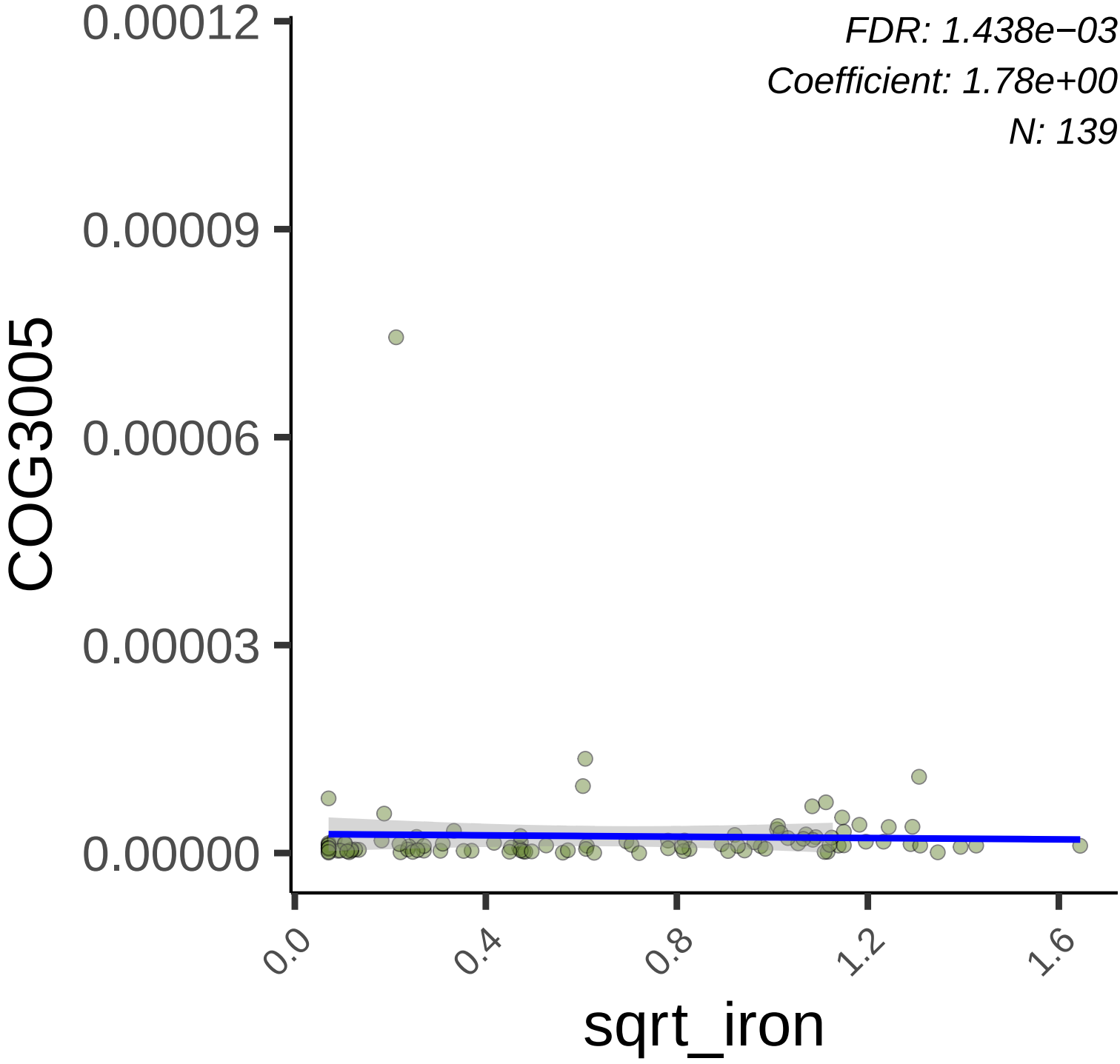
sqrt_iron


FDR: 1.438e−03
Coefficient: 1.78e+00
N: 139
COG3005
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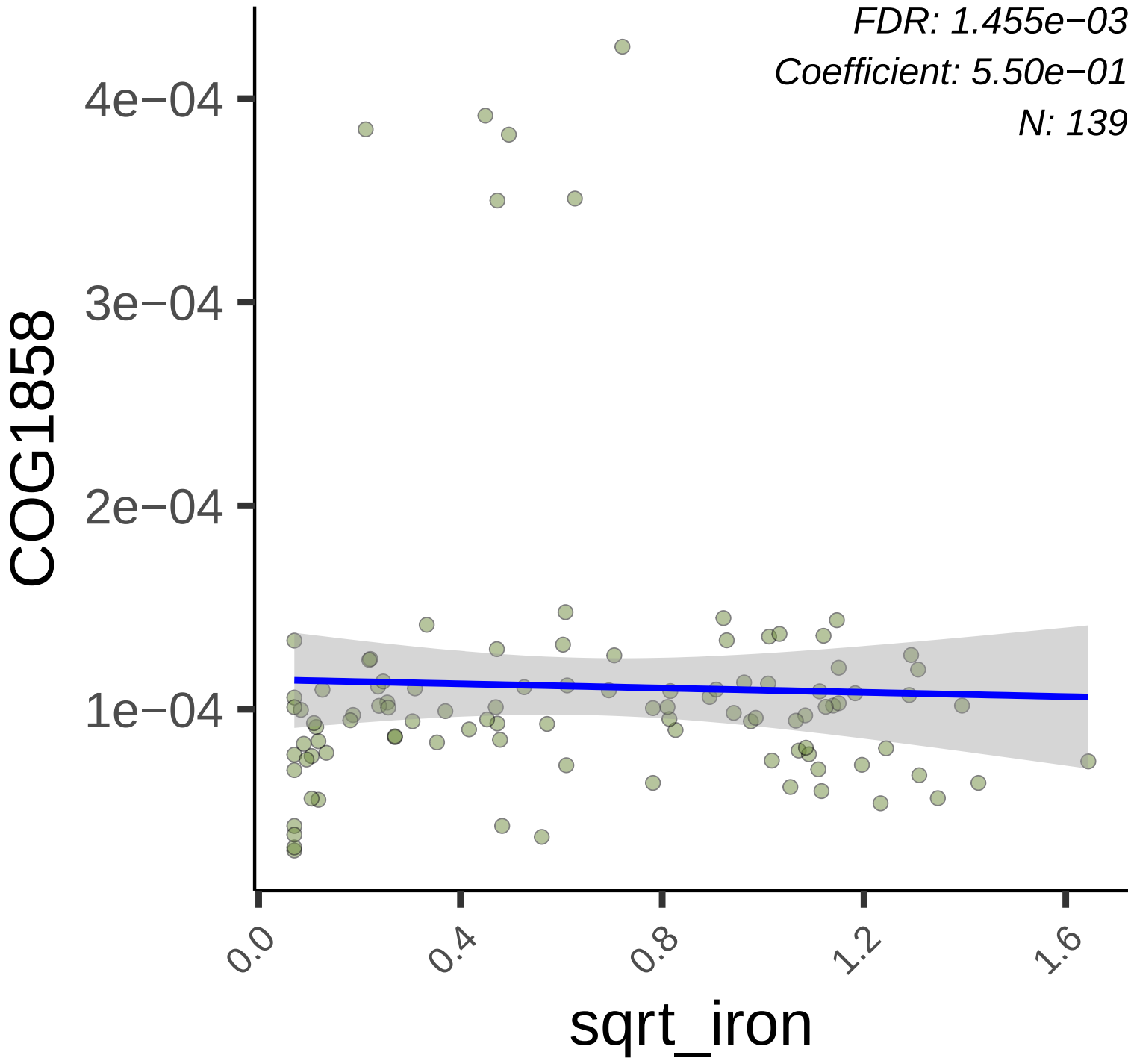
sqrt_iron


FDR: 1.455e−03
Coefficient: 5.50e−01
N: 139
COG1858
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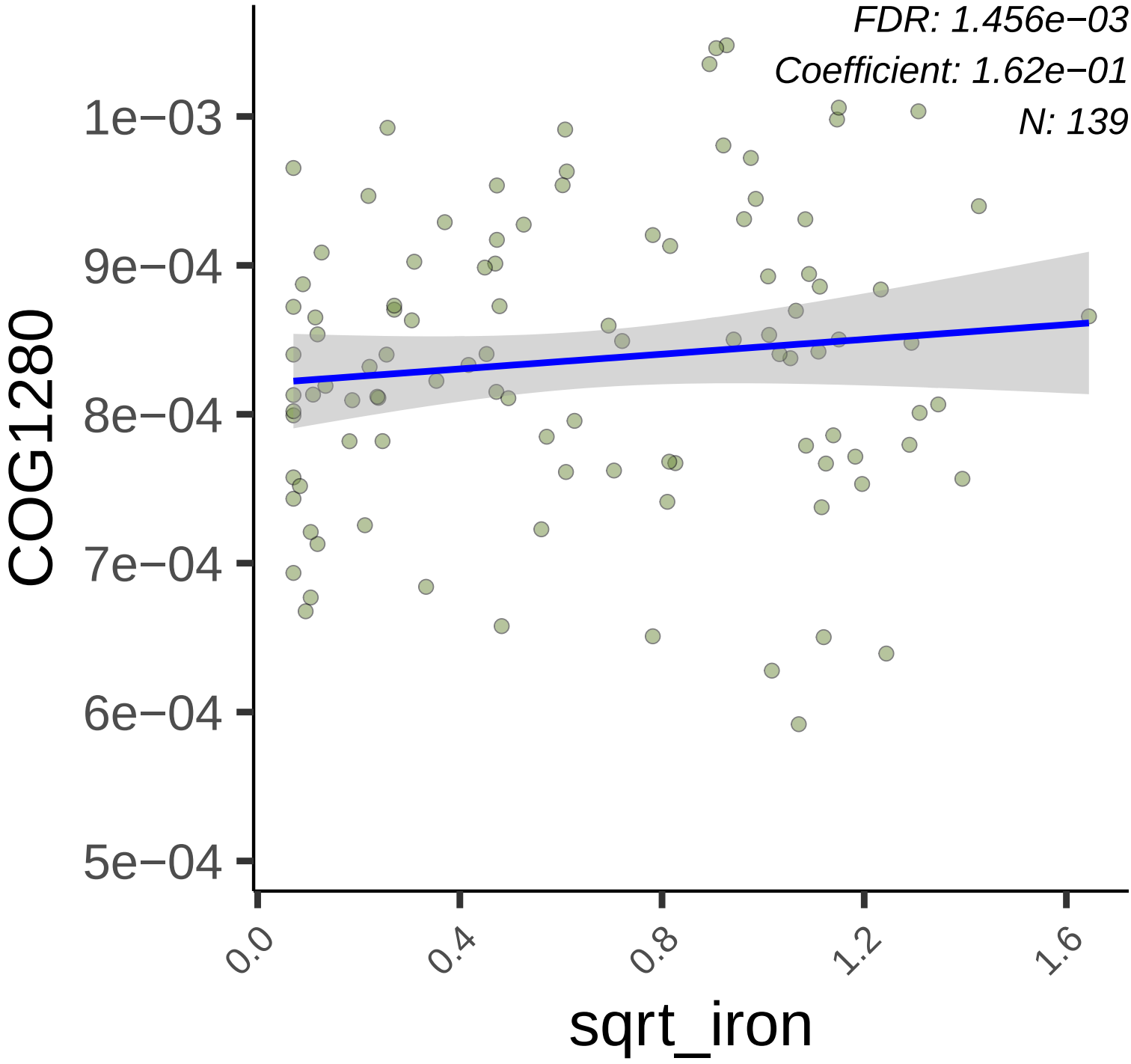
1.6
sqrt_iron


FDR: 1.456e−03
Coefficient: 1.62e−01
N: 139
1e−03
9e−04
8e−04
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6e−04
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COG1280
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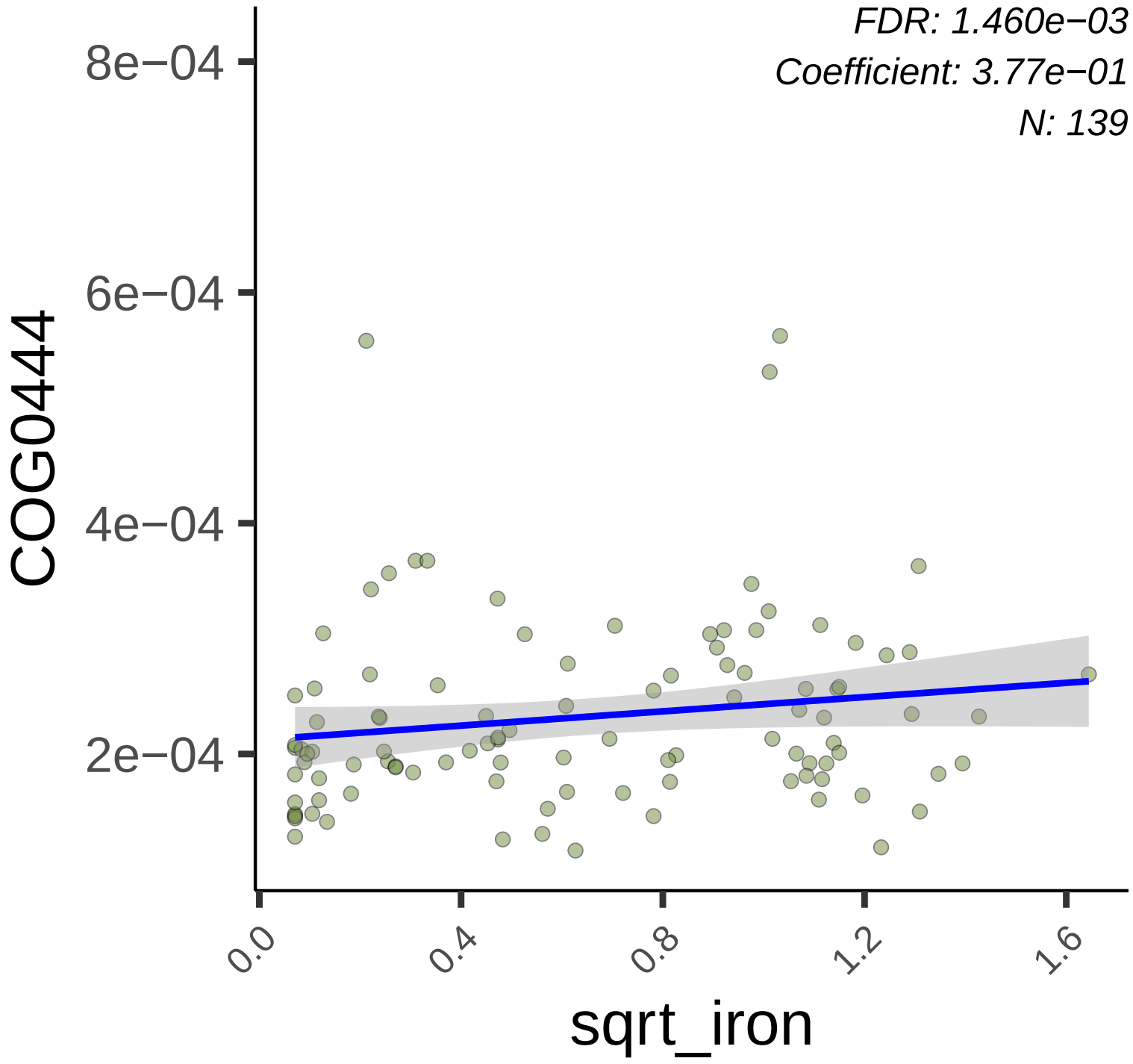
sqrt_iron


FDR: 1.460e−03
Coefficient: 3.77e−01
N: 139
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COG0444
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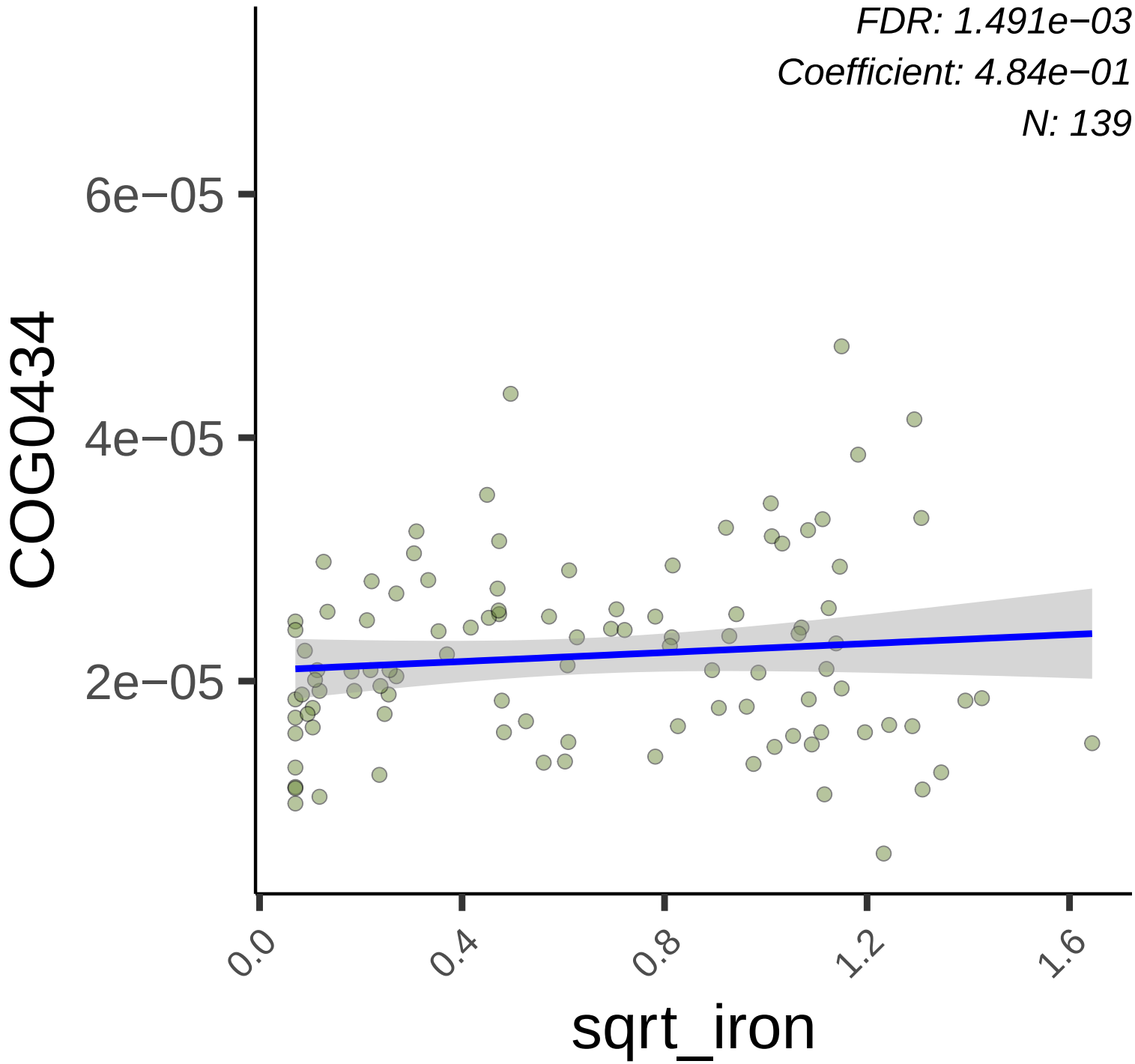
sqrt_iron


FDR: 1.491e−03
Coefficient: 4.84e−01
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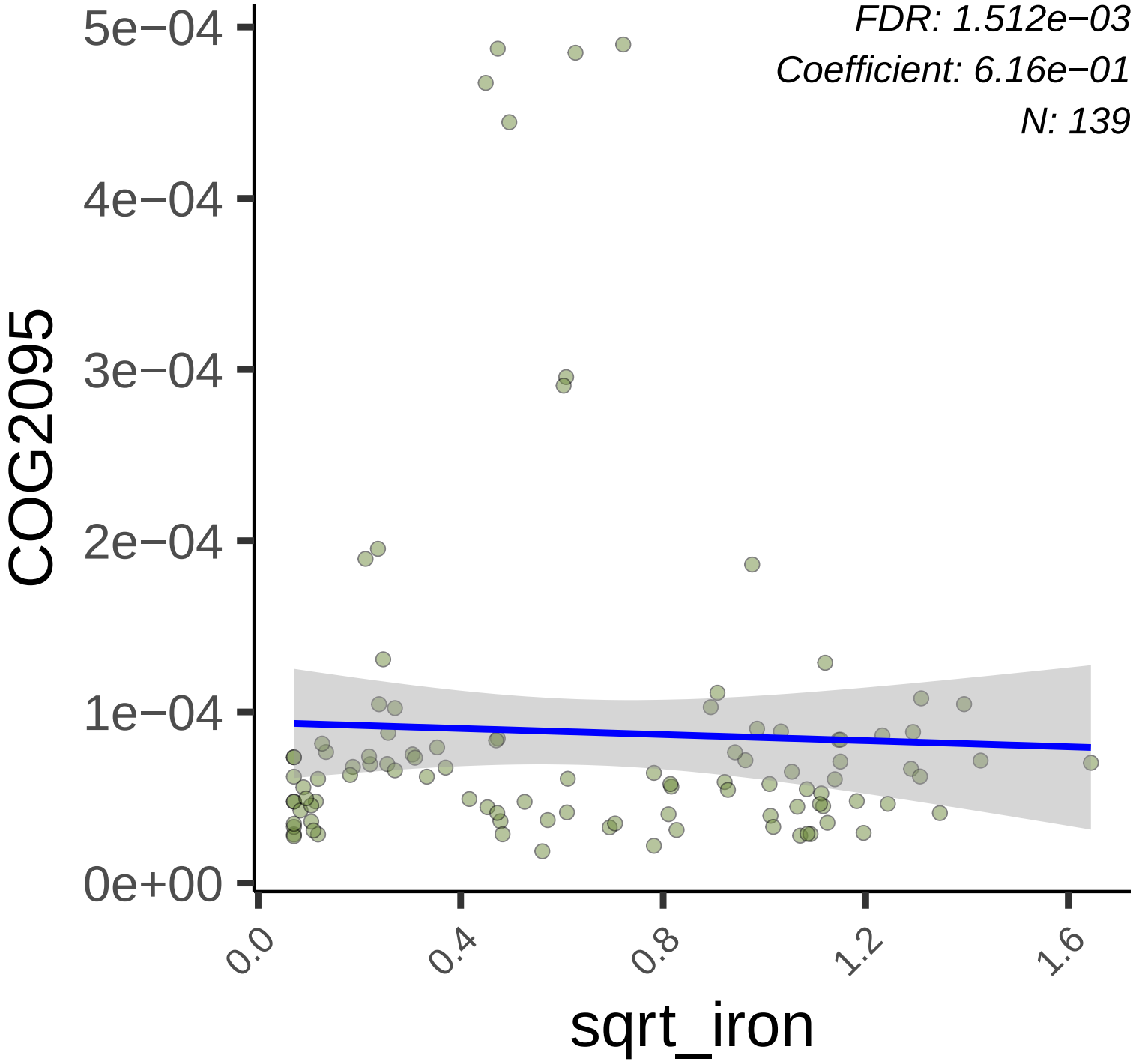
sqrt_iron


FDR: 1.512e−03
Coefficient: 6.16e−01
N: 139
COG2095
5e−04
4e−04
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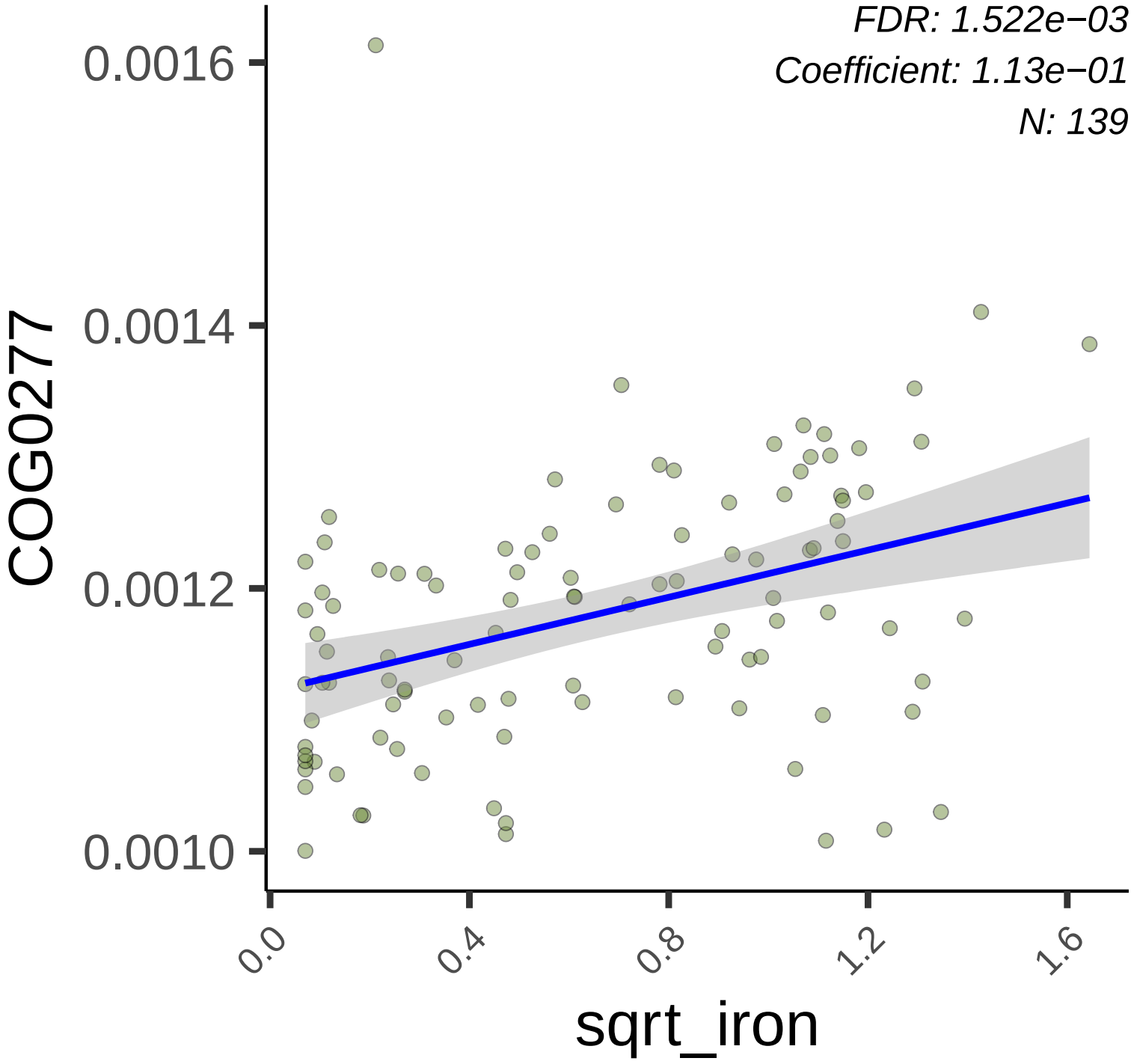
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.522e−03
Coefficient: 1.13e−01
N: 139
COG0277
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0.0014
0.0012
0.0010
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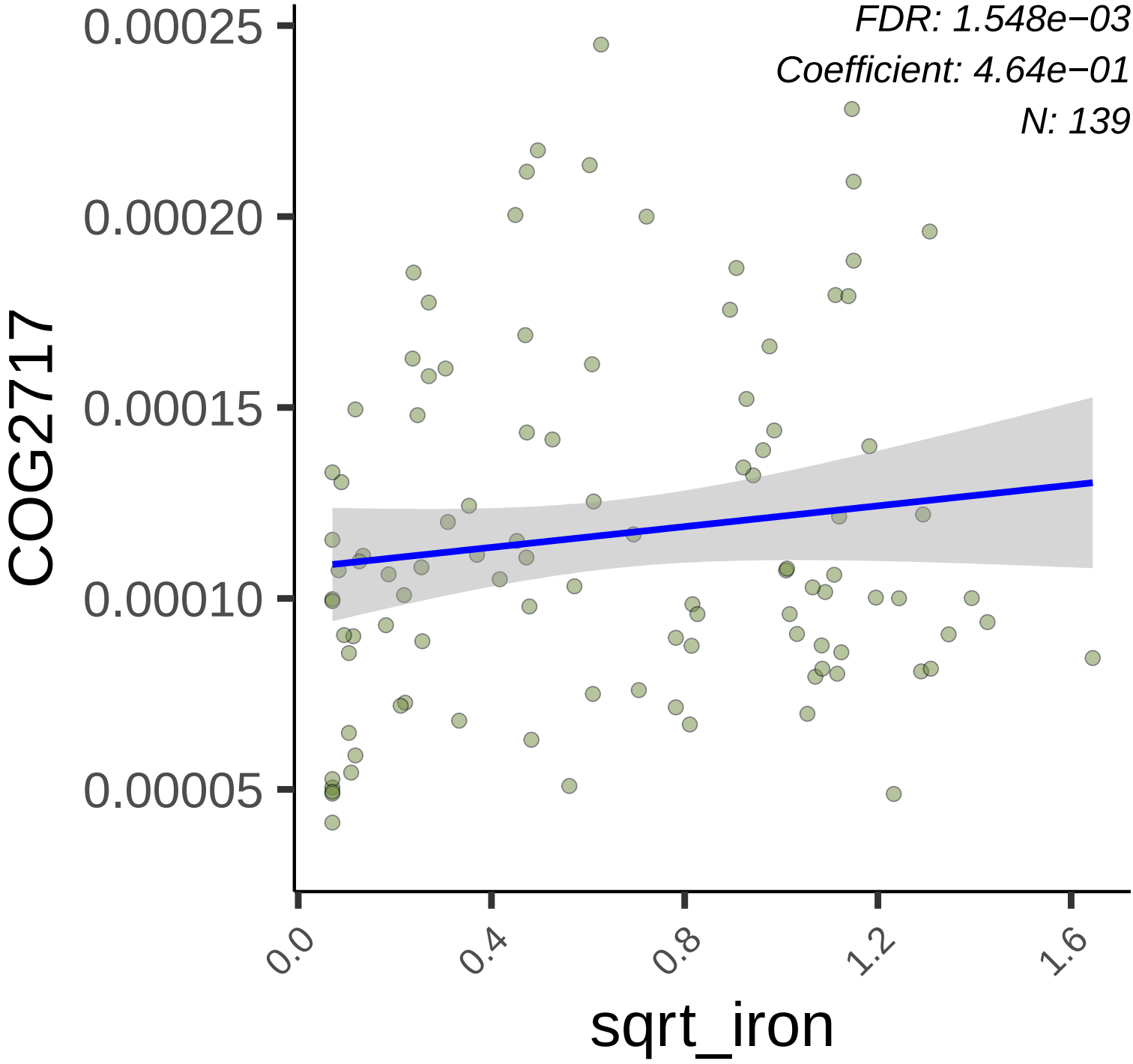
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.548e−03
Coefficient: 4.64e−01
N: 139
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COG2717
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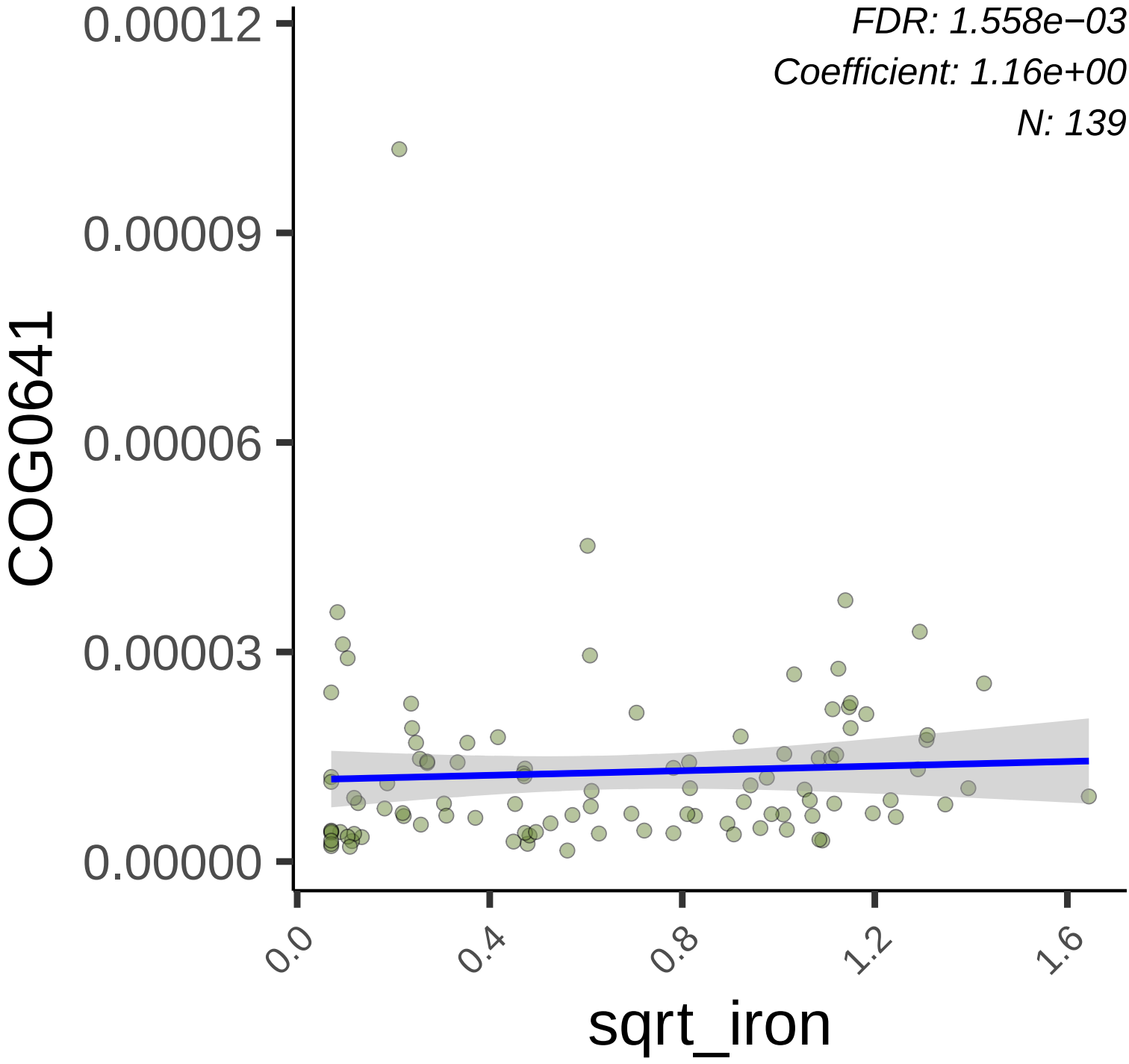
0.8
1.2
1.6
sqrt_iron


FDR: 1.558e−03
Coefficient: 1.16e+00
N: 139
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0.00003
0.00000
COG0641
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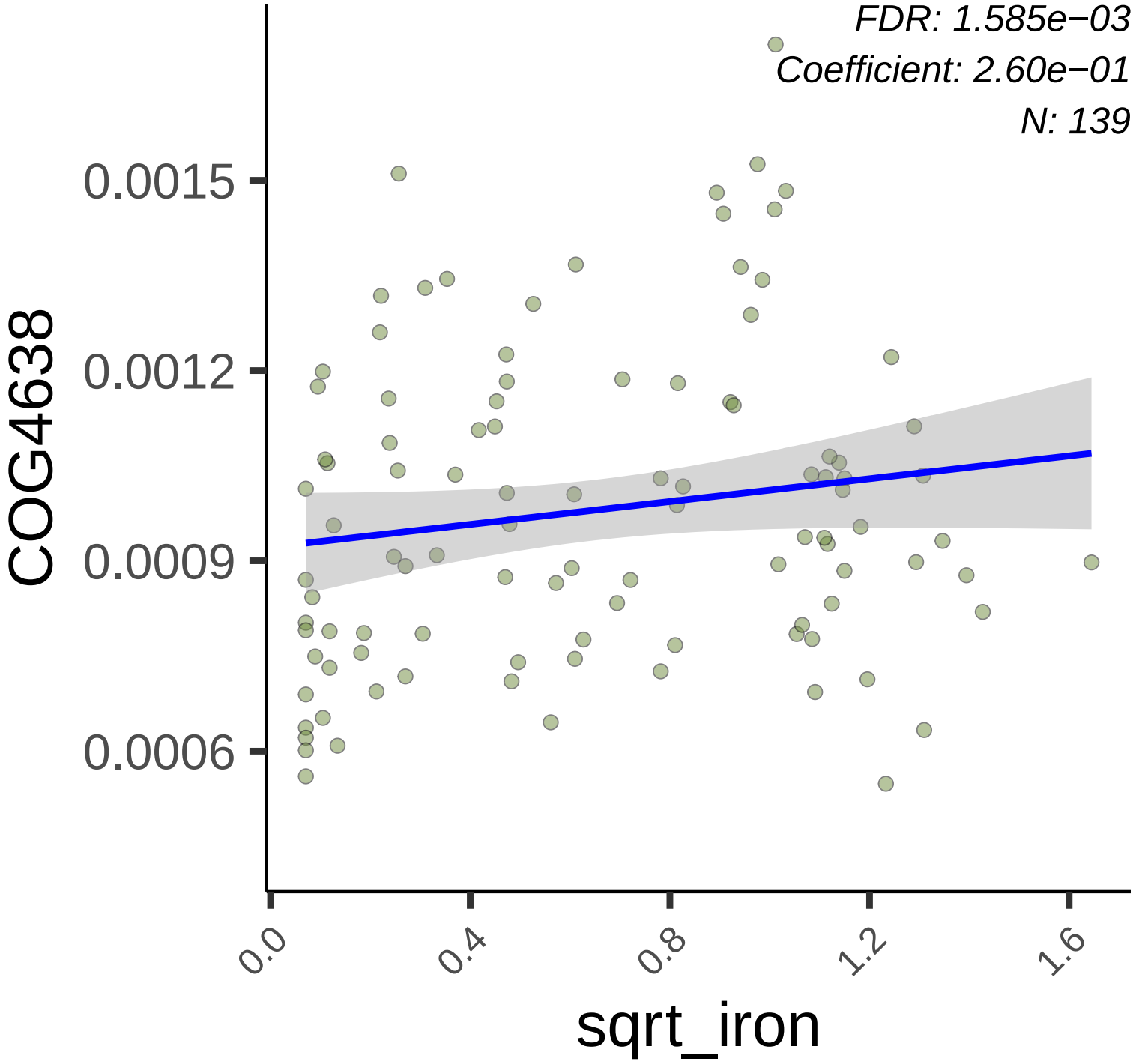
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.585e−03
Coefficient: 2.60e−01
N: 139
COG4638
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0.0012
0.0009
0.0006
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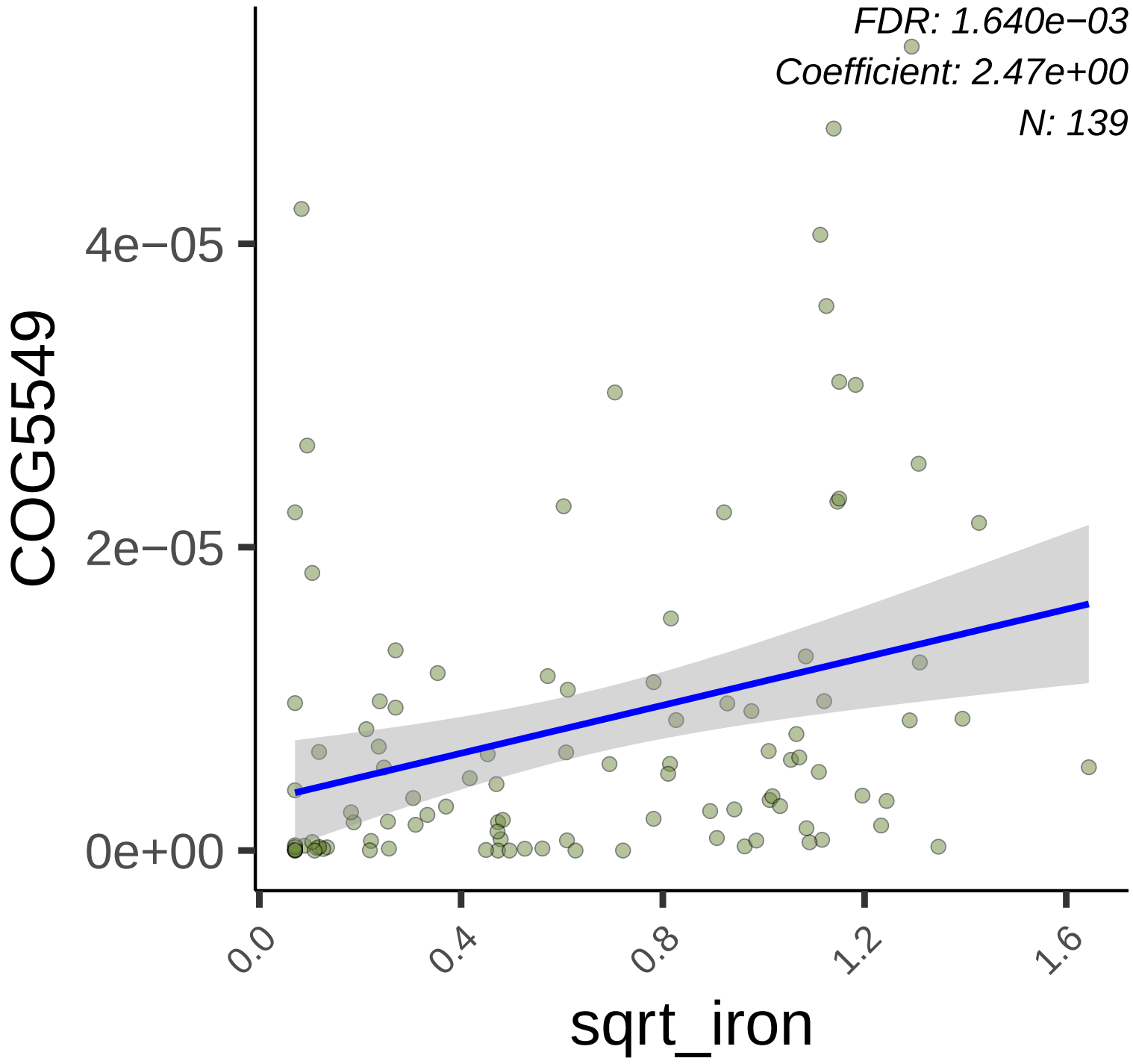
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.640e−03
Coefficient: 2.47e+00
N: 139
COG5549
4e−05
2e−05
0e+00
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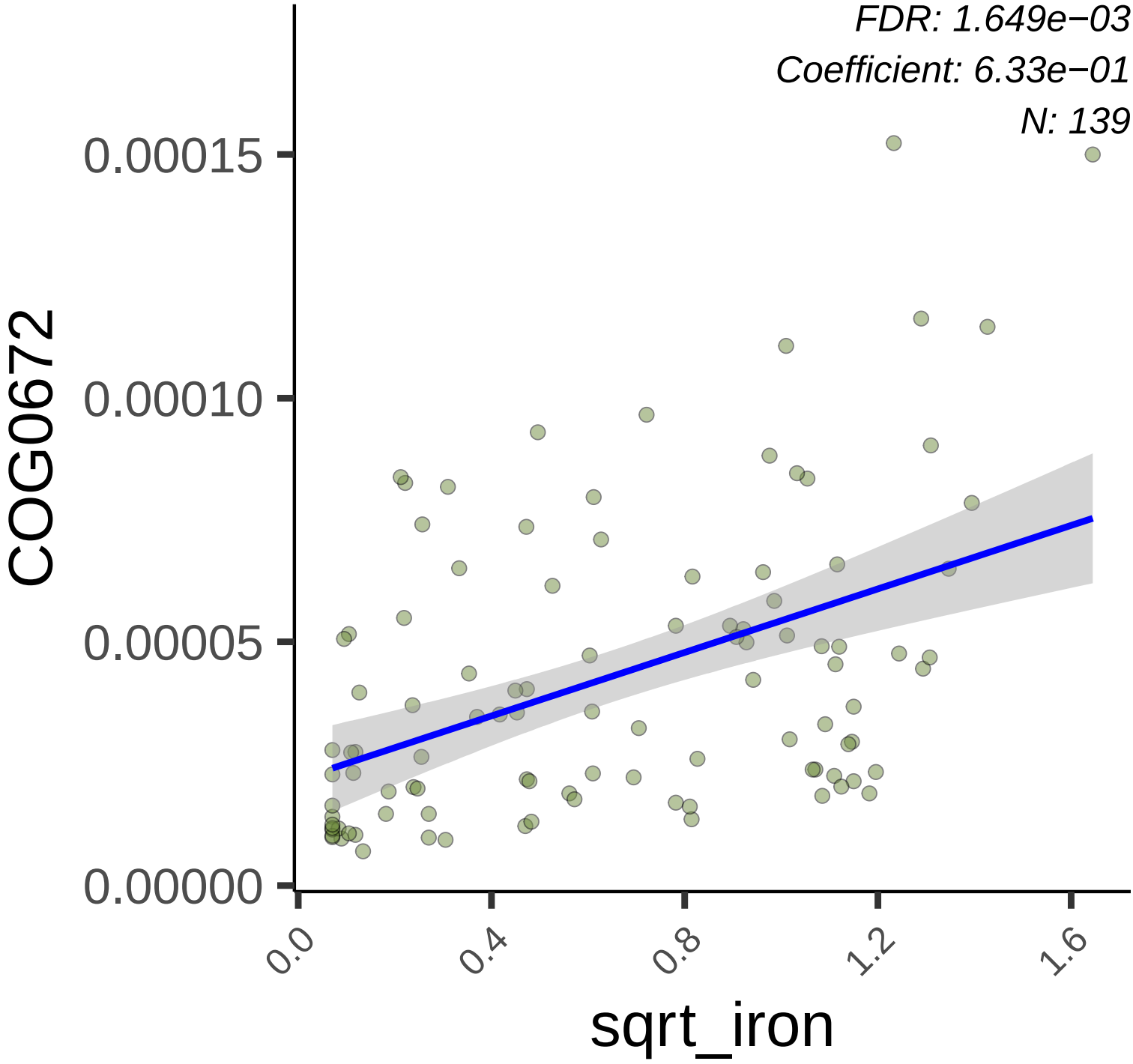
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.649e−03
Coefficient: 6.33e−01
N: 139
COG0672
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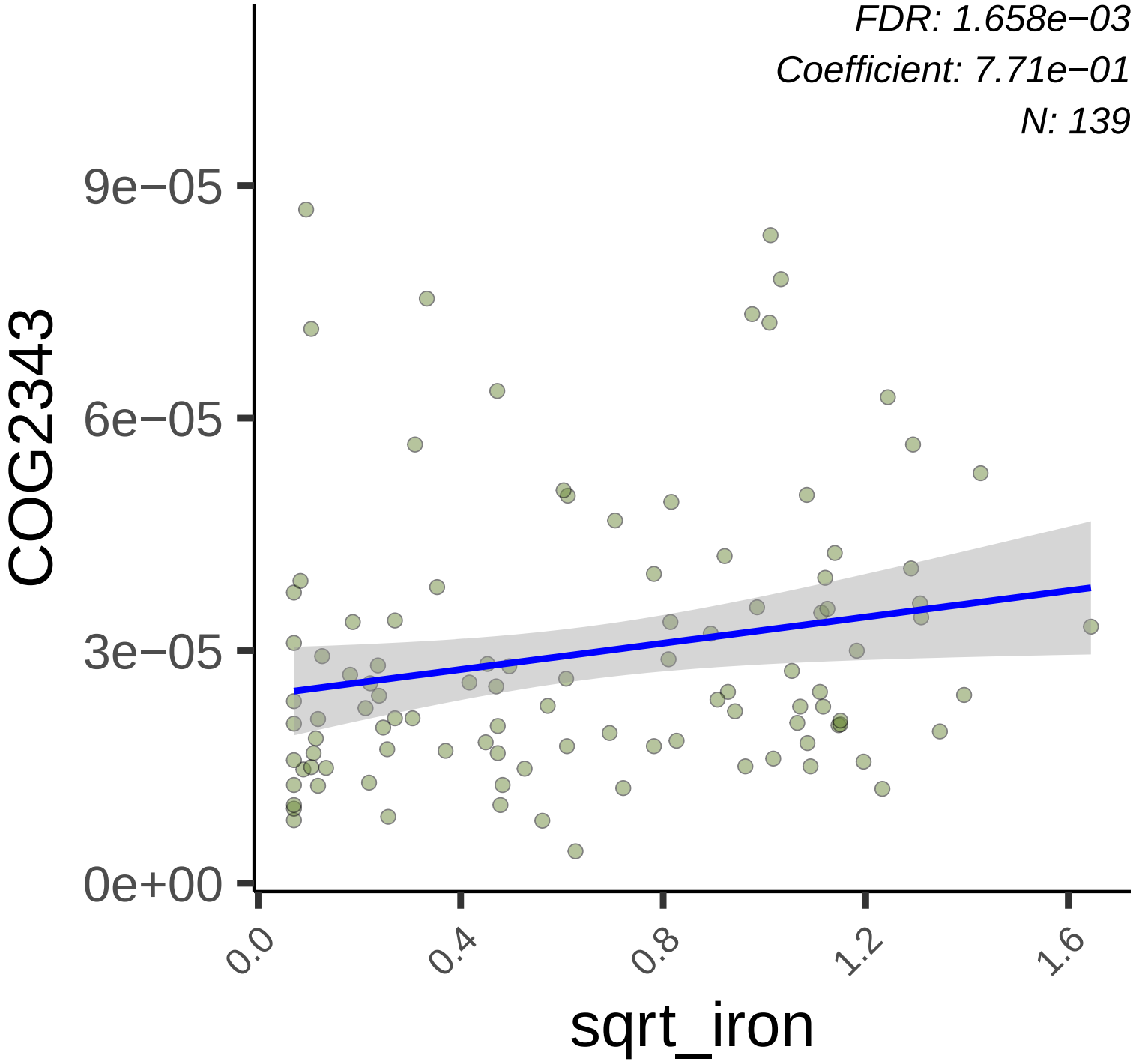
0.00000
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.658e−03
Coefficient: 7.71e−01
N: 139
COG2343
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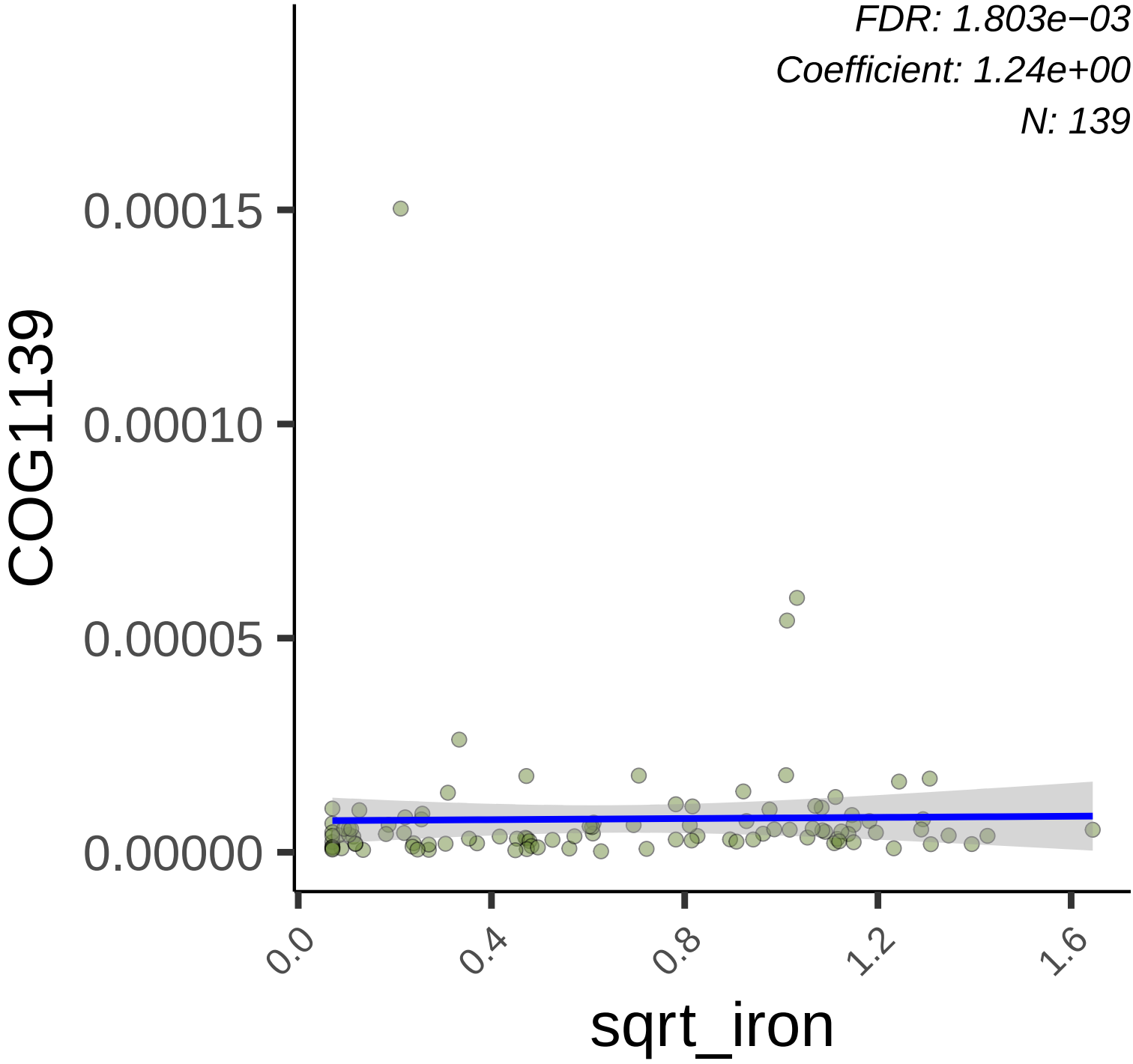
6e−05
3e−05
0e+00
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.803e−03
Coefficient: 1.24e+00
N: 139
COG1139
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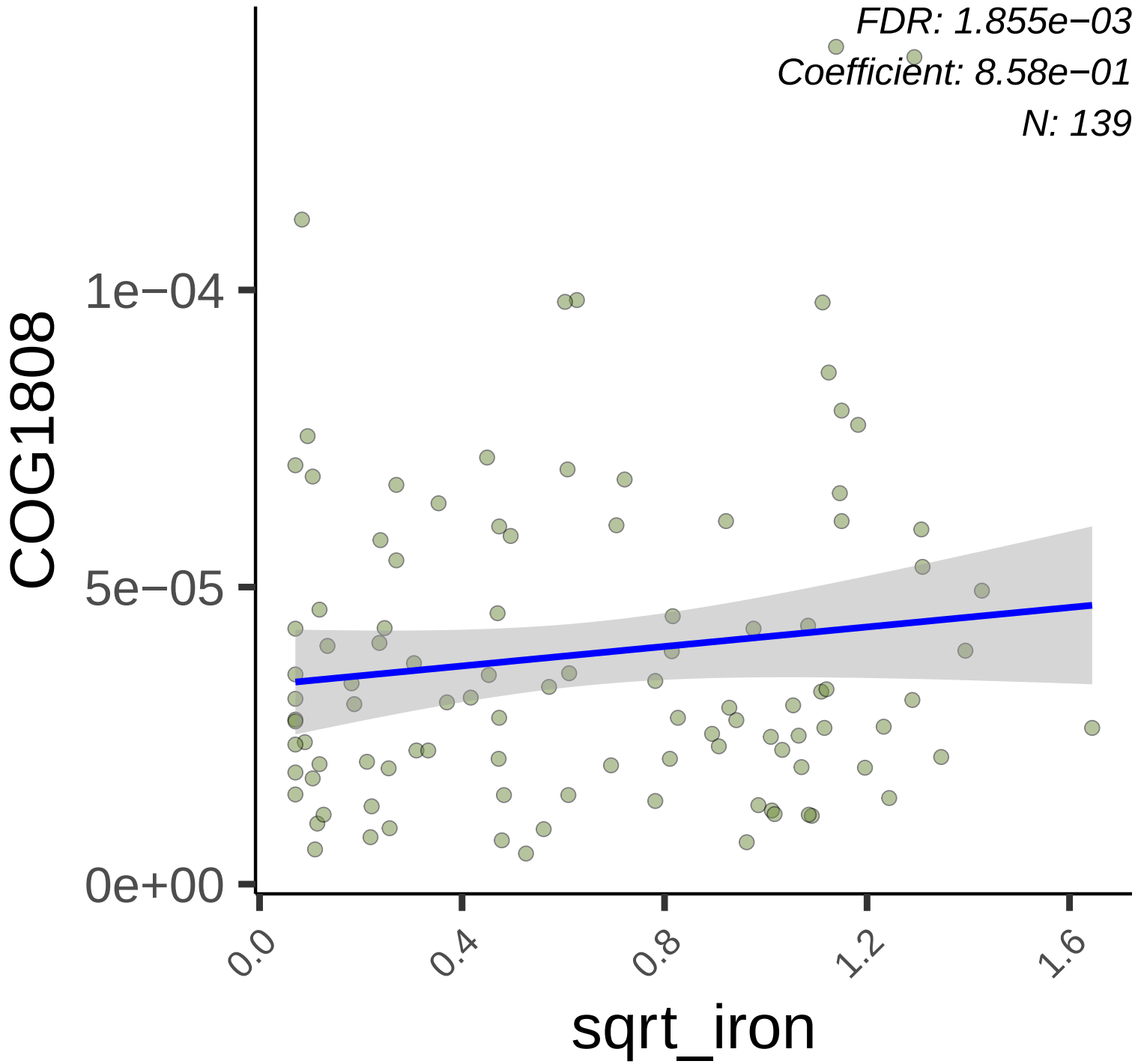
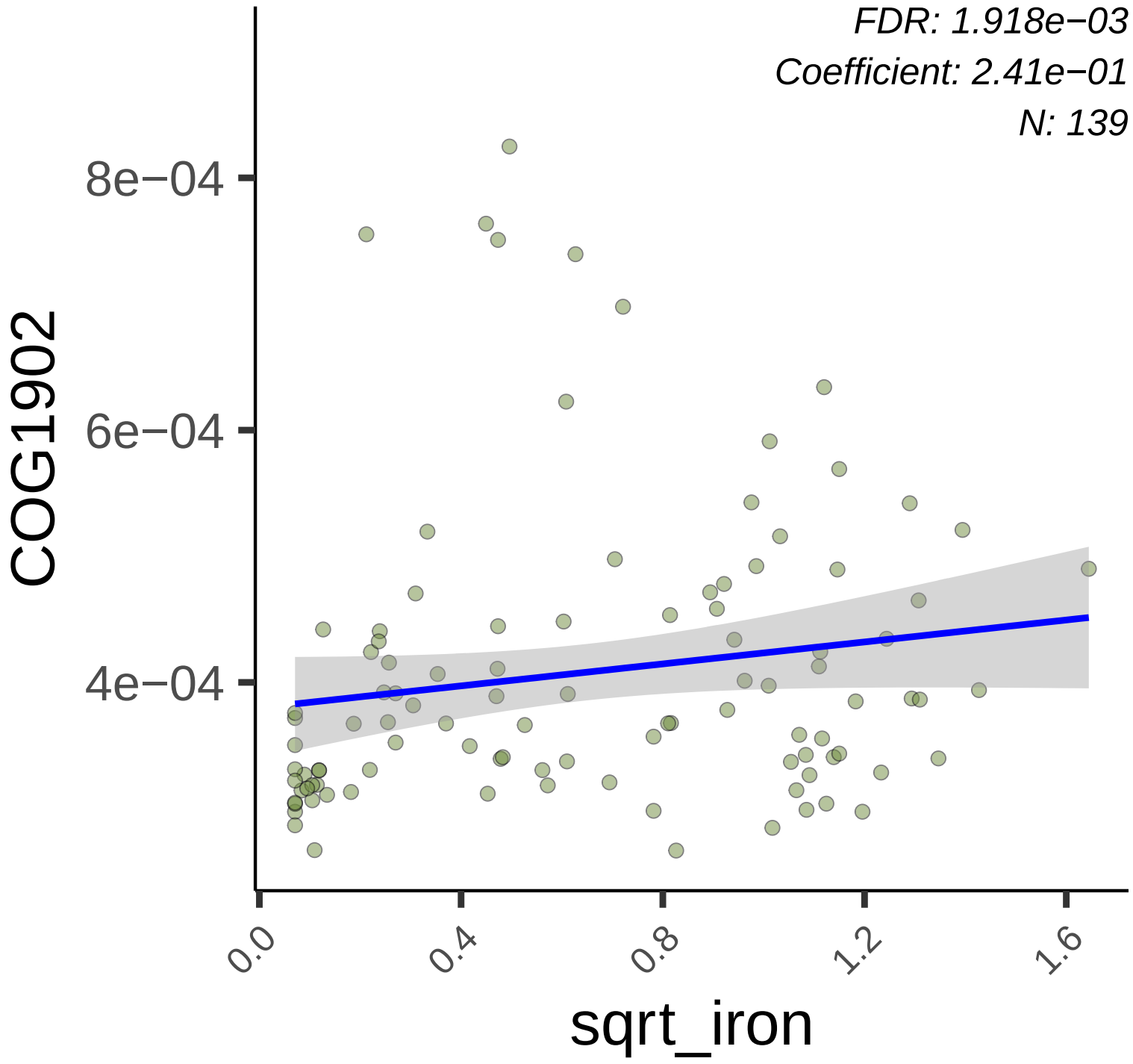
0.00005
0.00000
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.855e−03
Coefficient: 8.58e−01
N: 139
COG1808
1e−04
5e−05
0e+00
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.918e−03
Coefficient: 2.41e−01
N: 139
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4e−04
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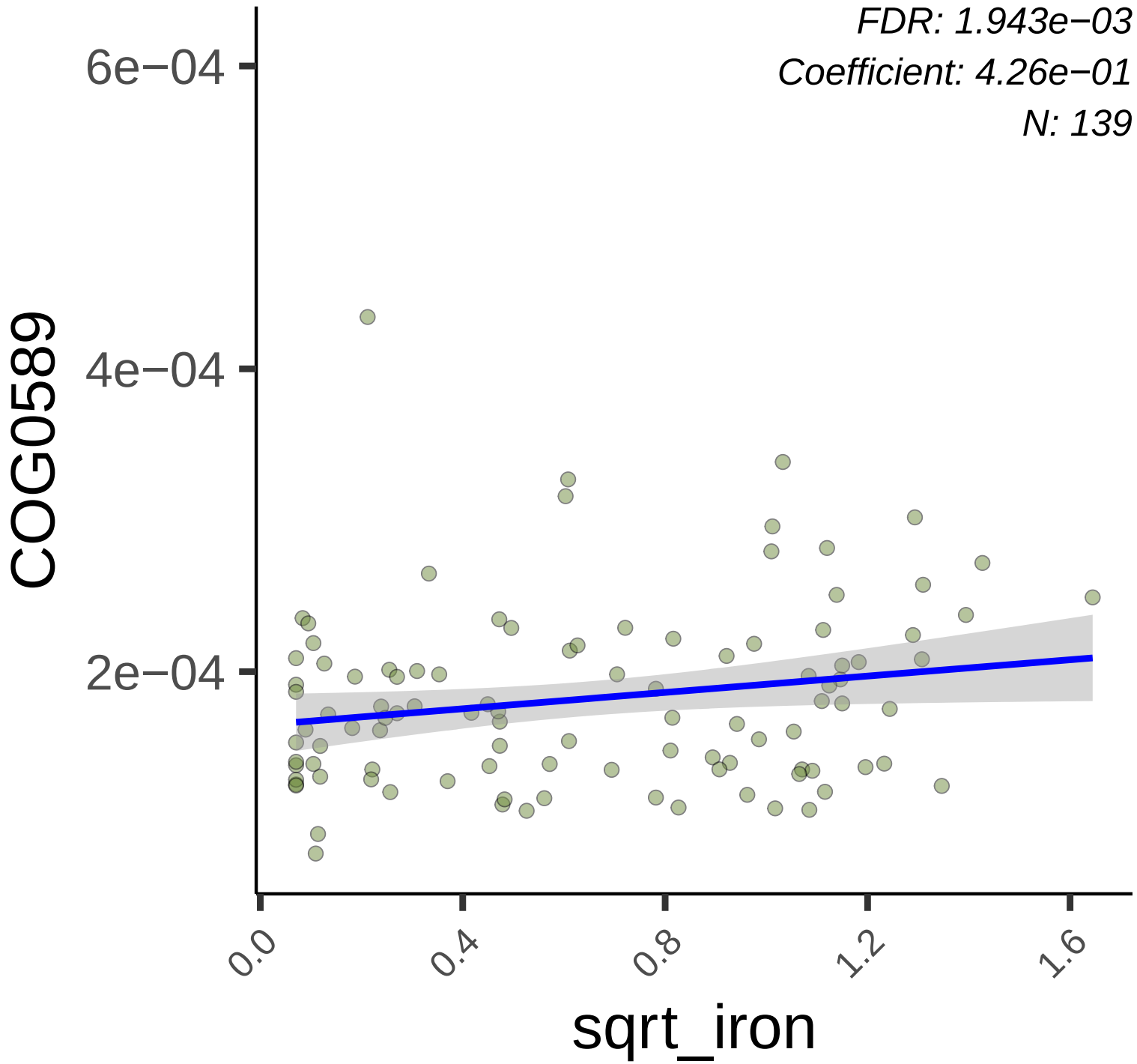
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.943e−03
Coefficient: 4.26e−01
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4e−04
2e−04
COG0589
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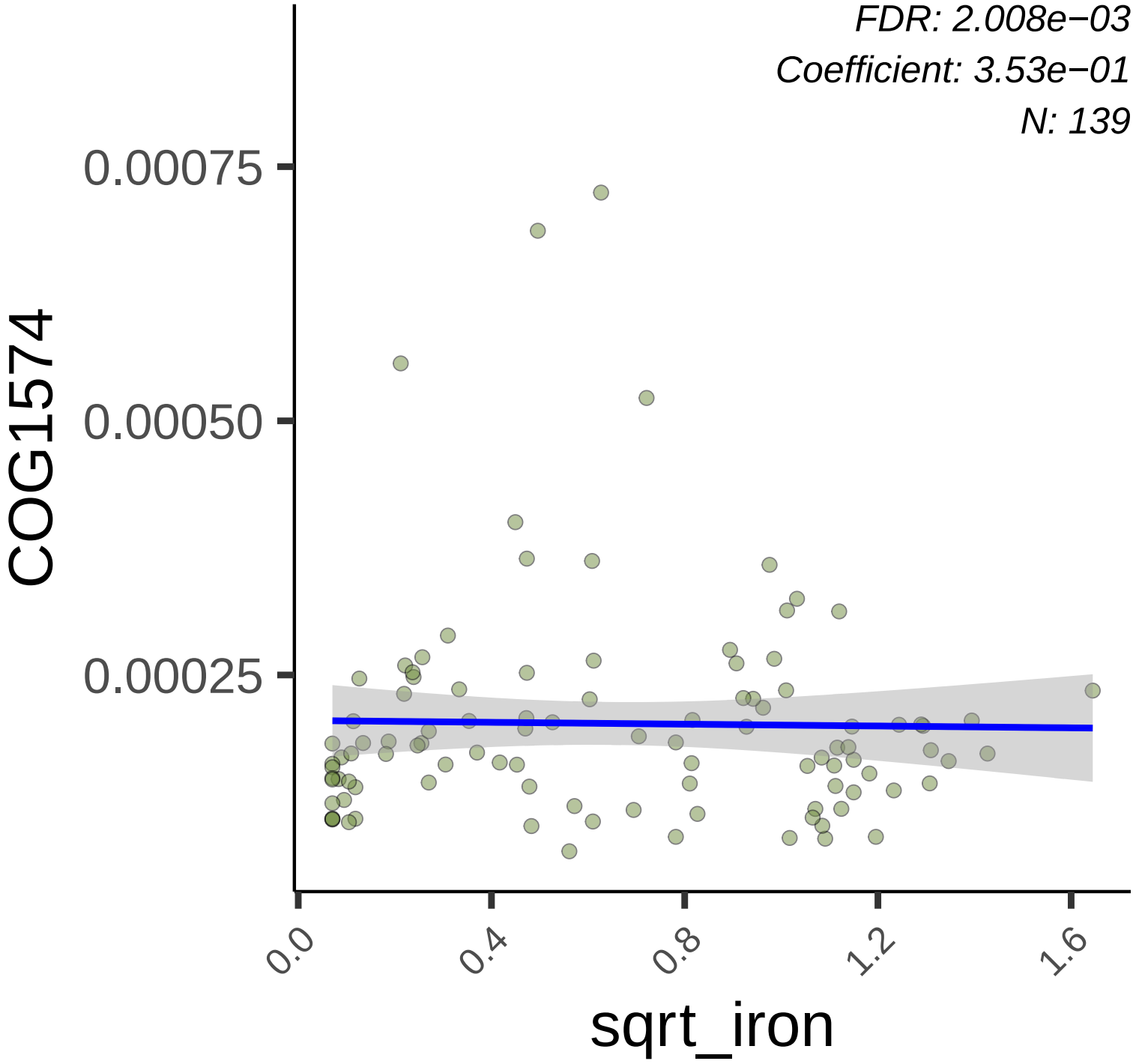
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.008e−03
Coefficient: 3.53e−01
N: 139
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COG1574
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0.4
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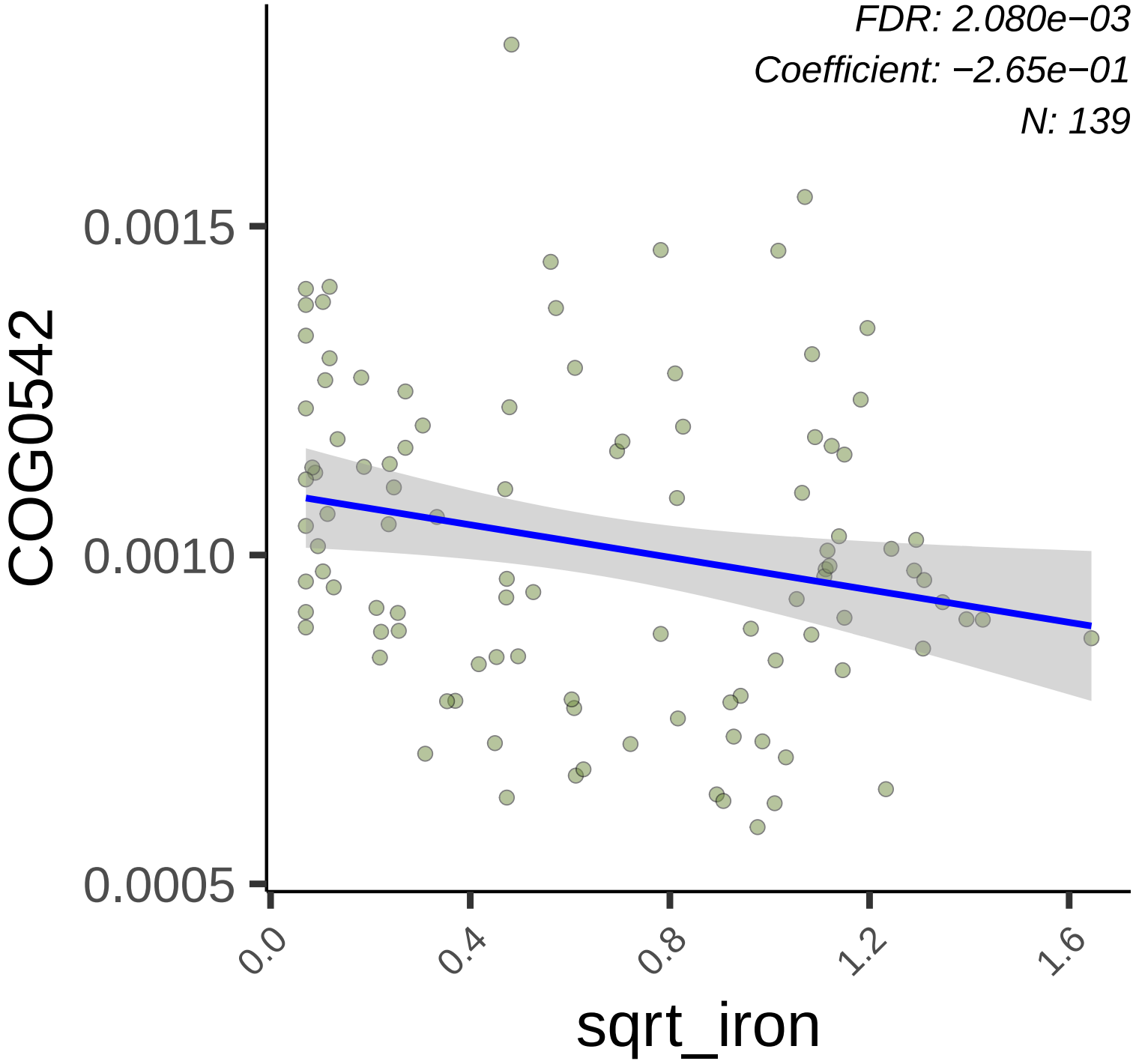
1.2
1.6
sqrt_iron


FDR: 2.080e−03
Coefficient: −2.65e−01
N: 139
COG0542
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0.0010
0.0005
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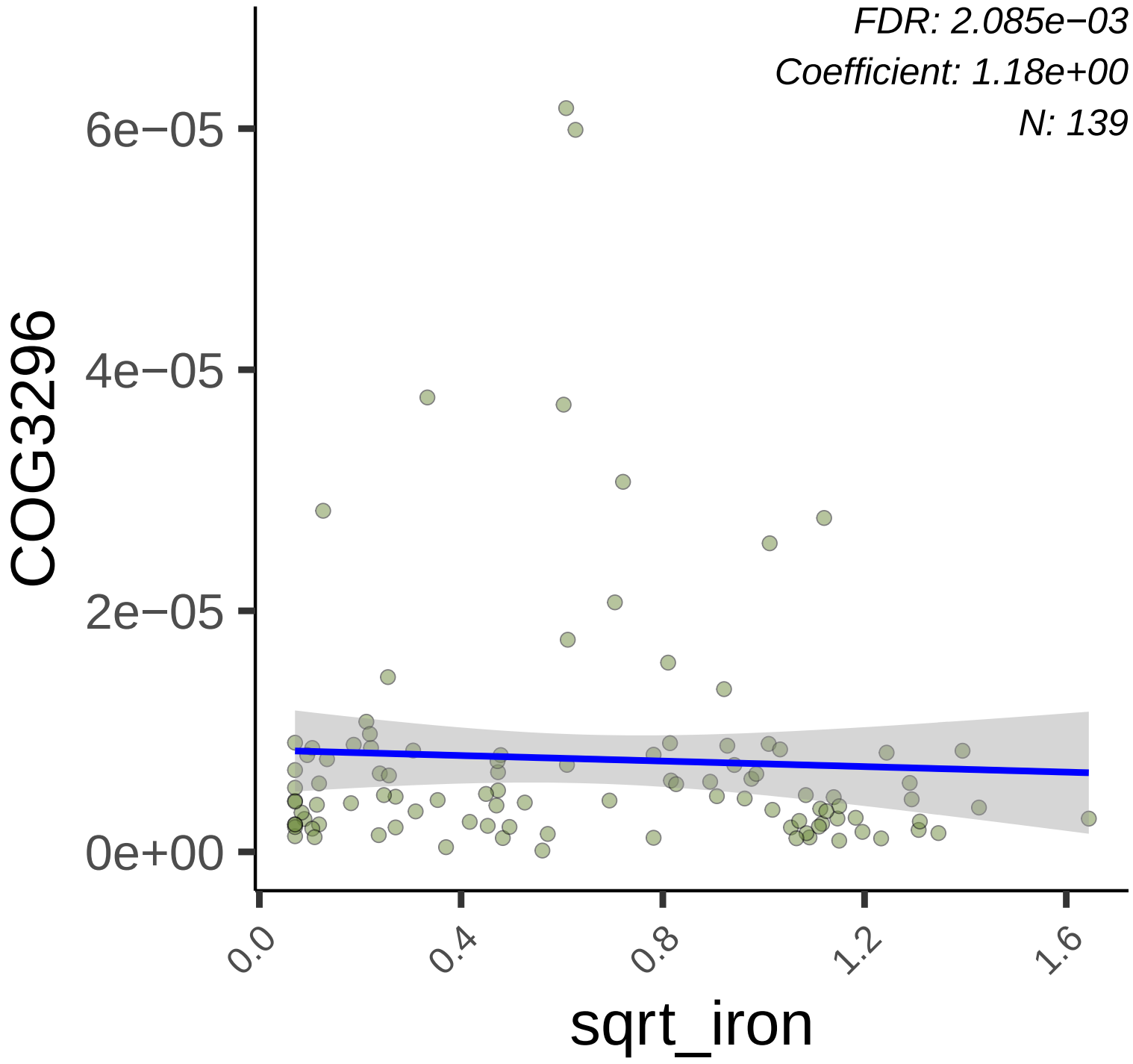
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.085e−03
Coefficient: 1.18e+00
N: 139
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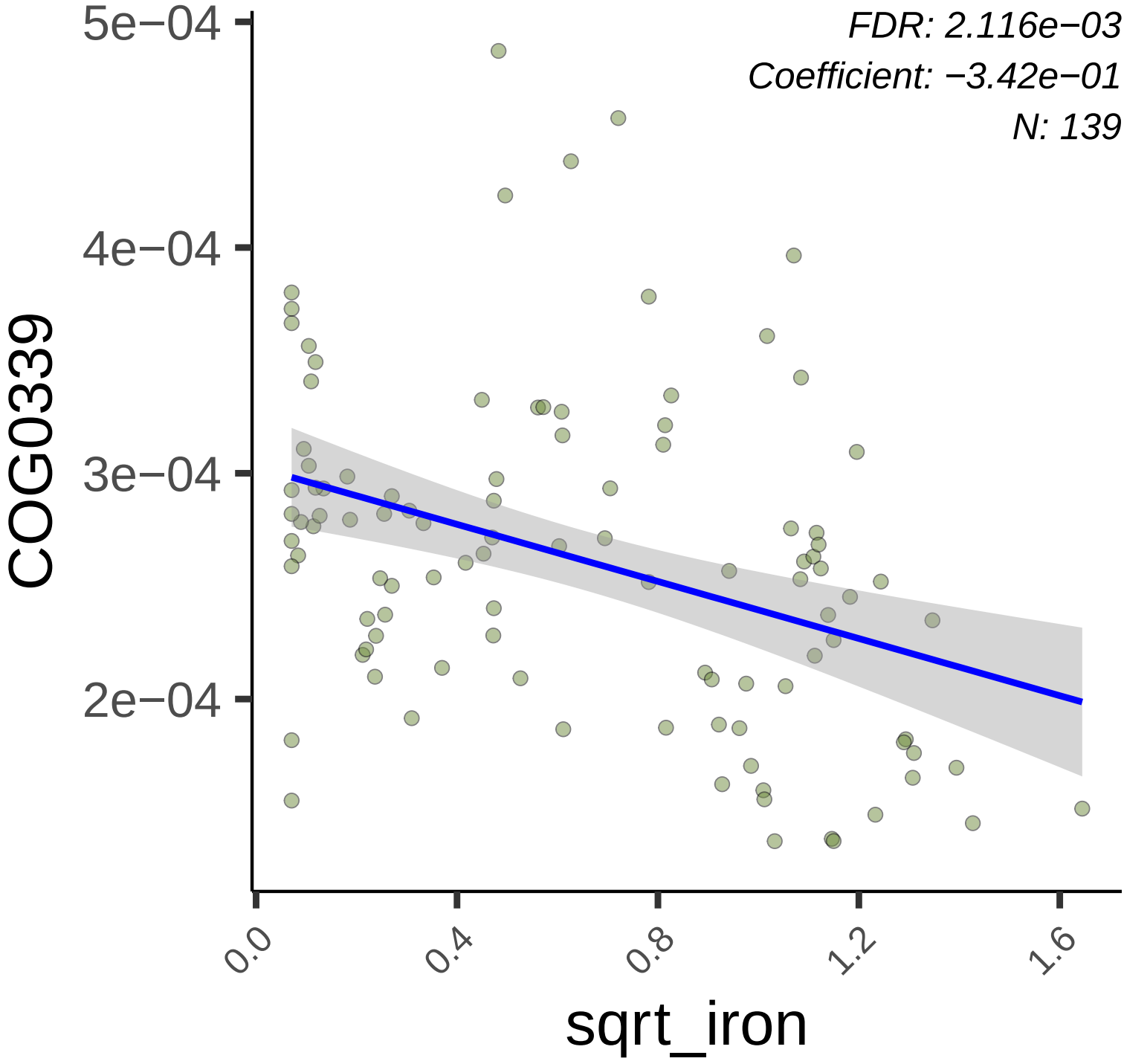
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.116e−03
Coefficient: −3.42e−01
N: 139
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3e−04
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COG0339
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0.4
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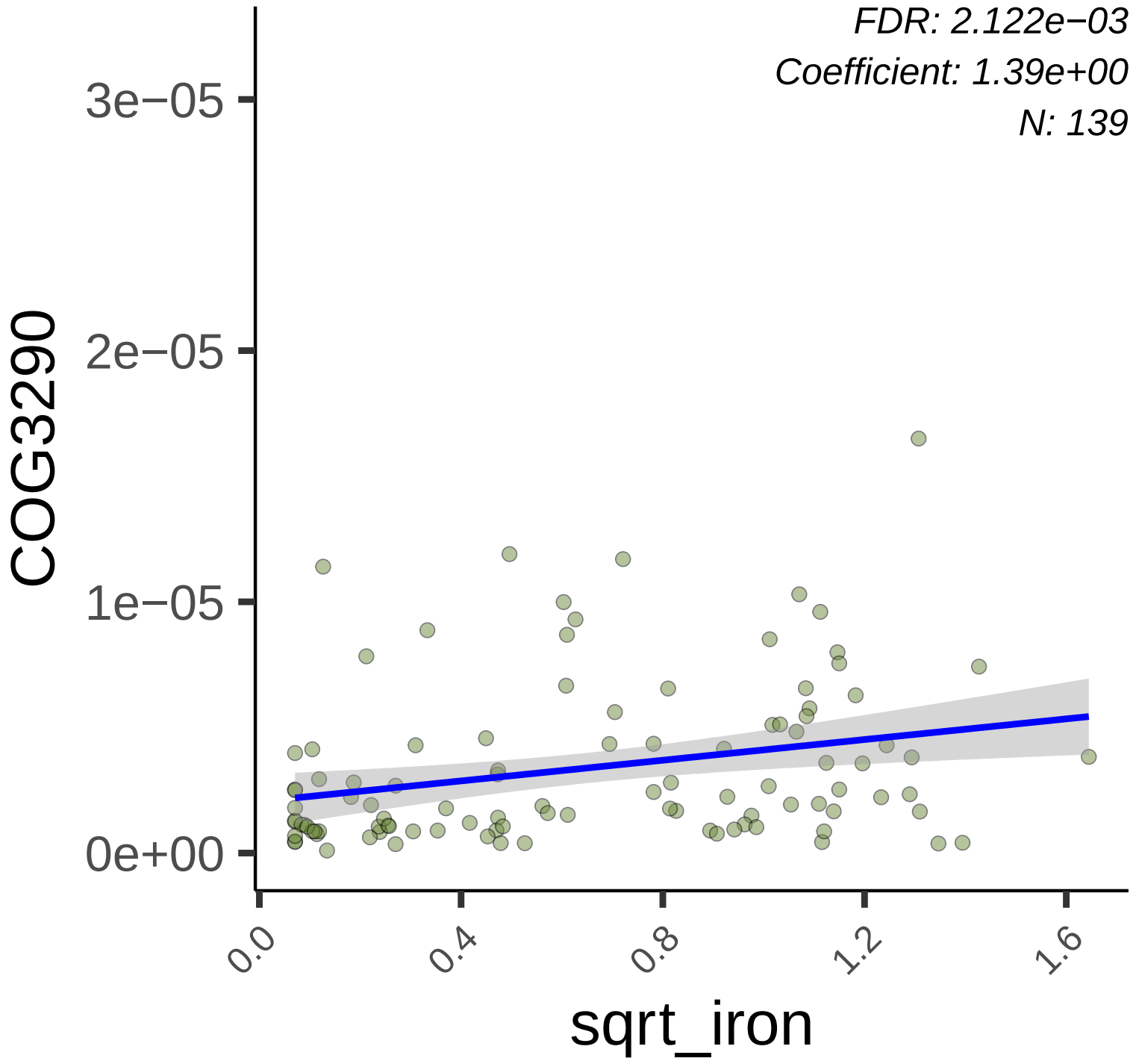
1.2
1.6
sqrt_iron


FDR: 2.122e−03
Coefficient: 1.39e+00
N: 139
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2e−05
1e−05
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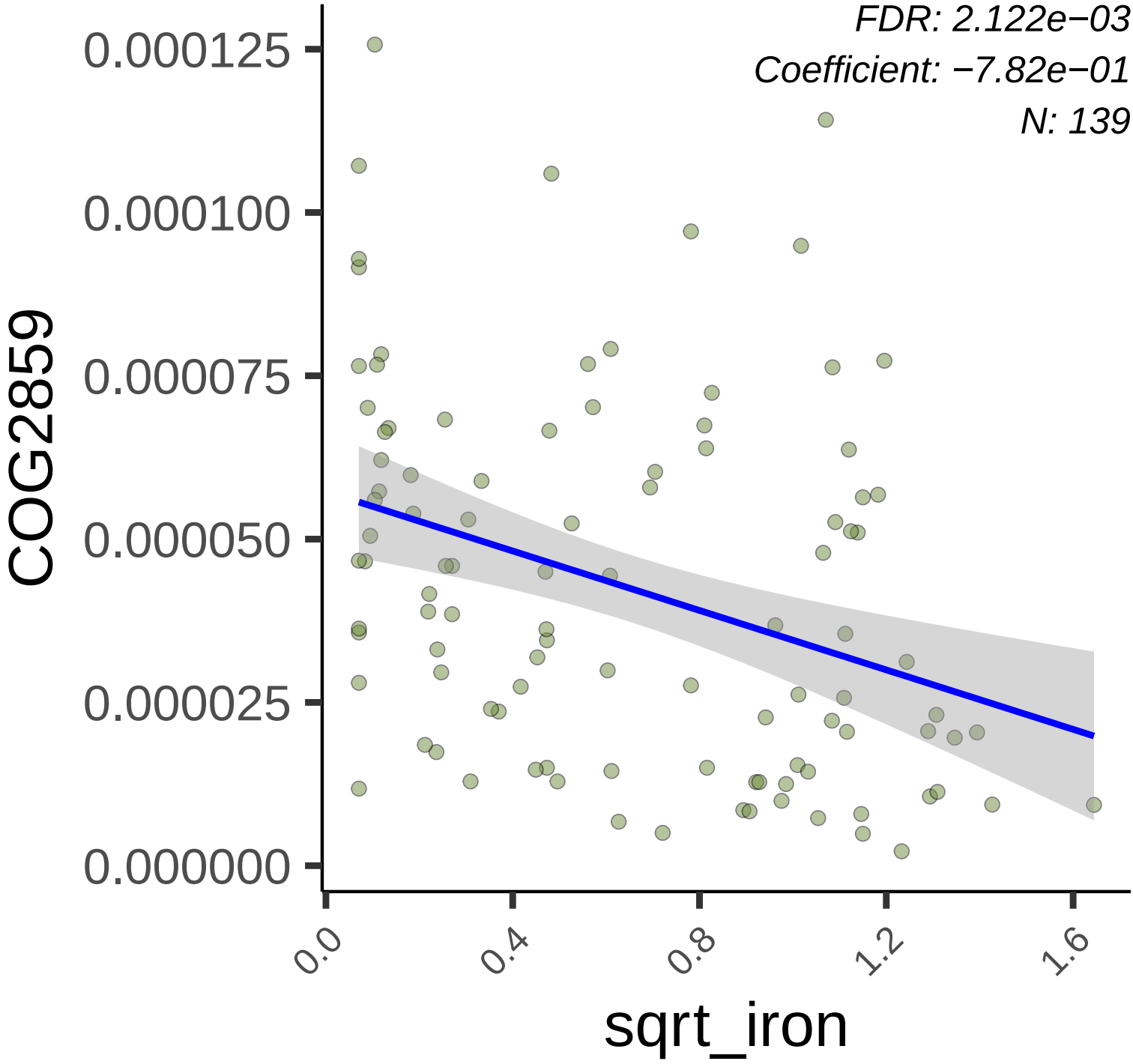
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.122e−03
Coefficient: −7.82e−01
N: 139
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0.000025
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COG2859
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0.4
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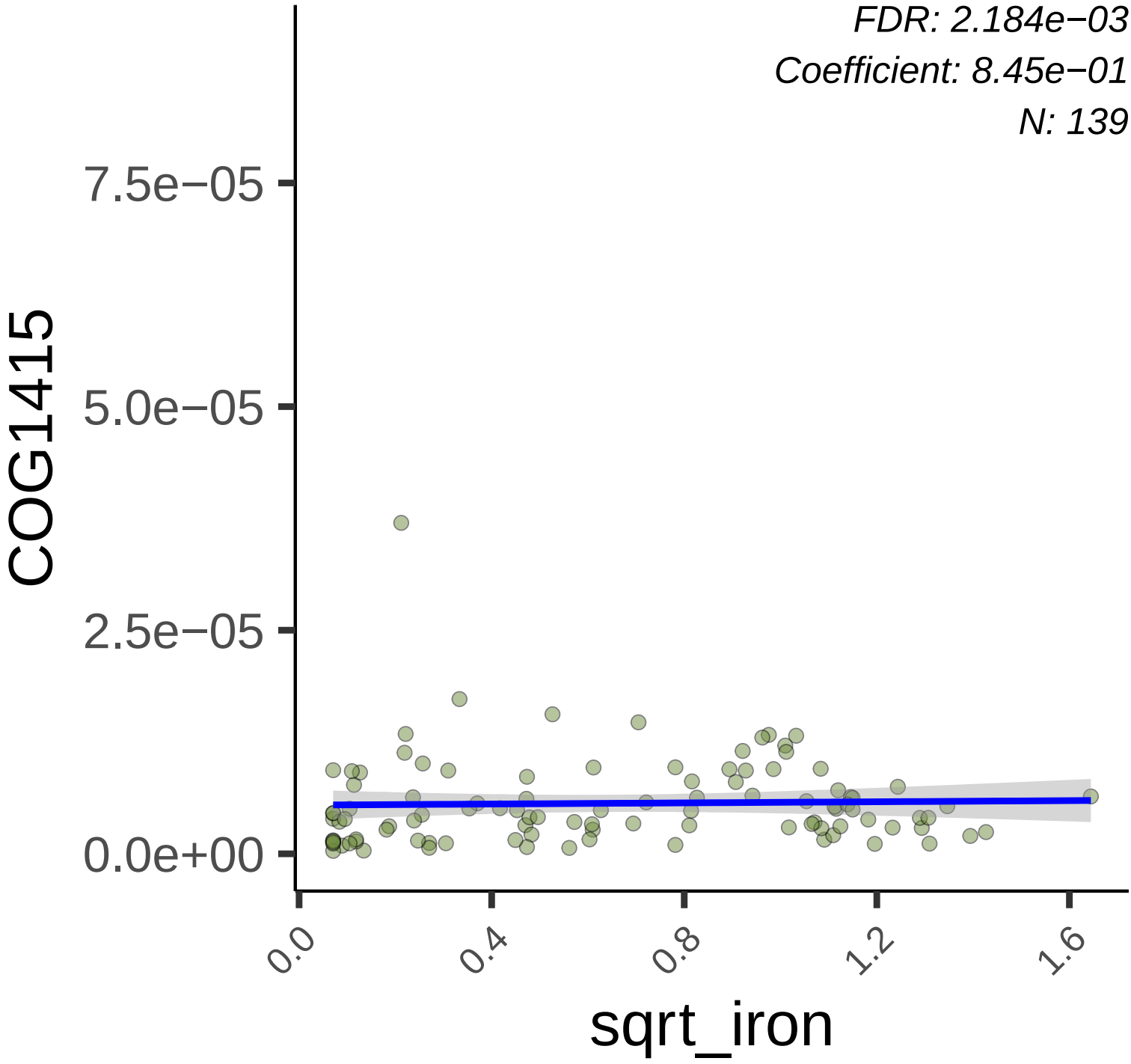
1.2
1.6
sqrt_iron


FDR: 2.184e−03
Coefficient: 8.45e−01
N: 139
COG1415
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0.4
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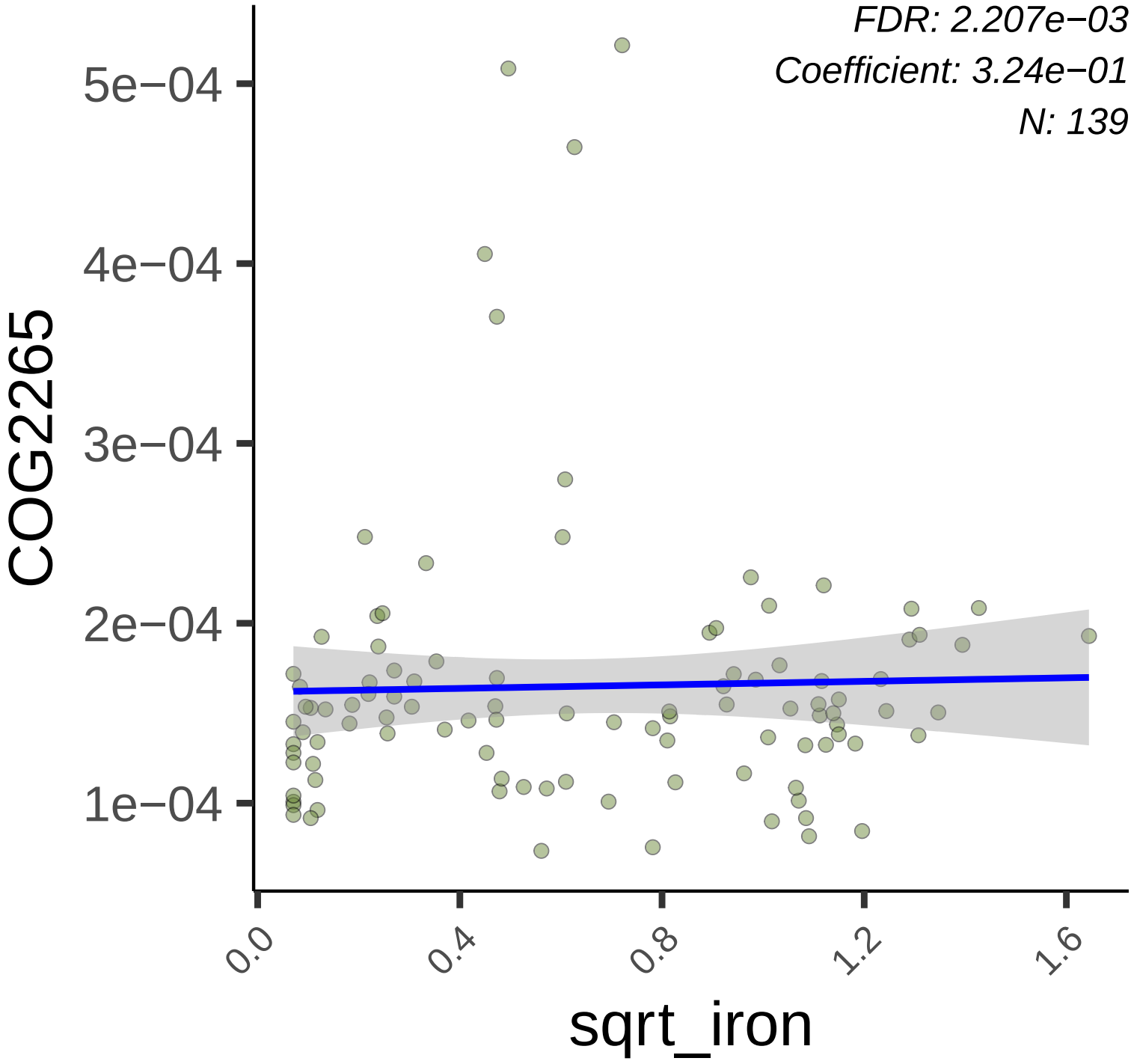
1.6
sqrt_iron


FDR: 2.207e−03
Coefficient: 3.24e−01
N: 139
COG2265
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3e−04
2e−04
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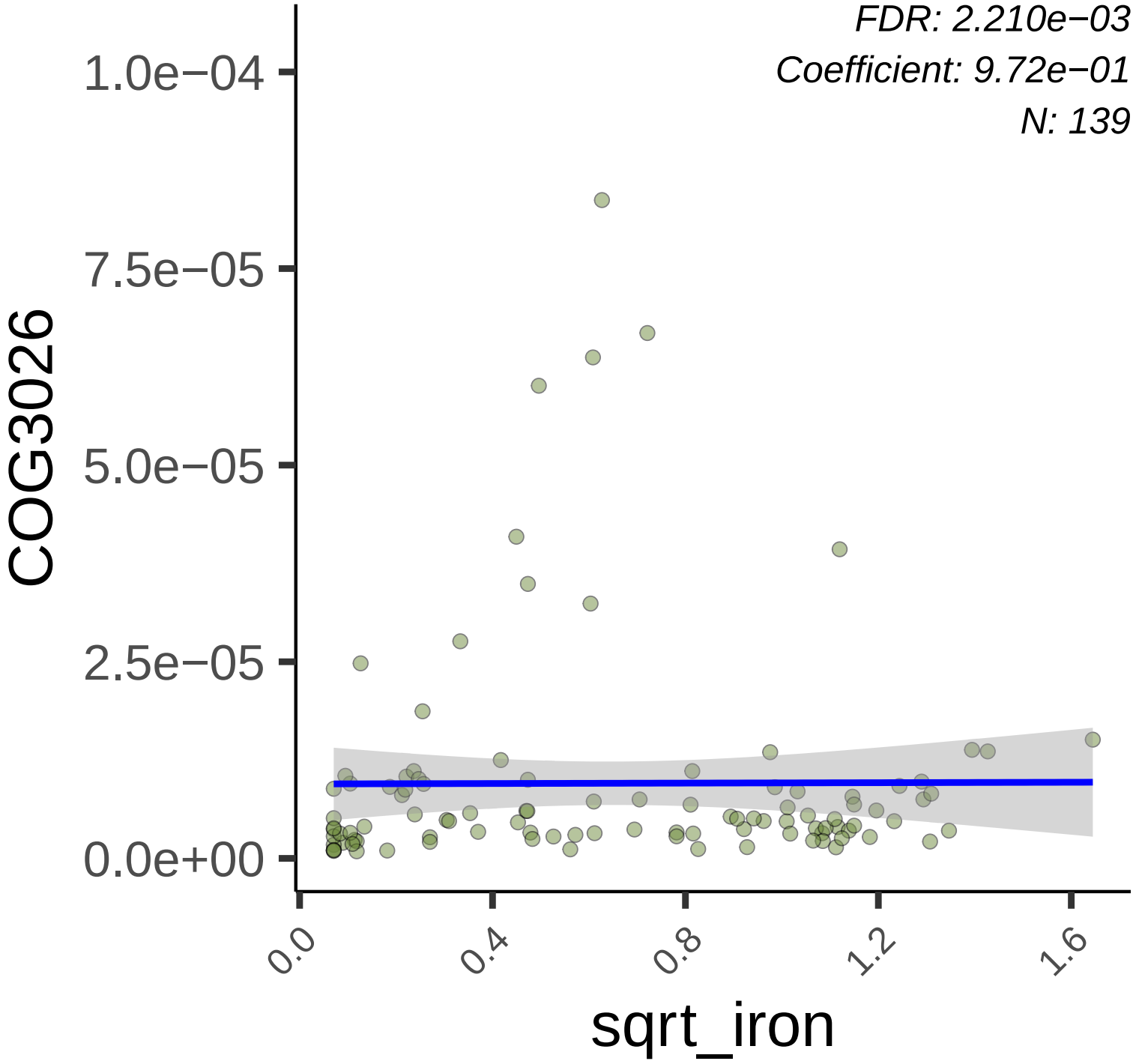
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.210e−03
Coefficient: 9.72e−01
N: 139
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7.5e−05
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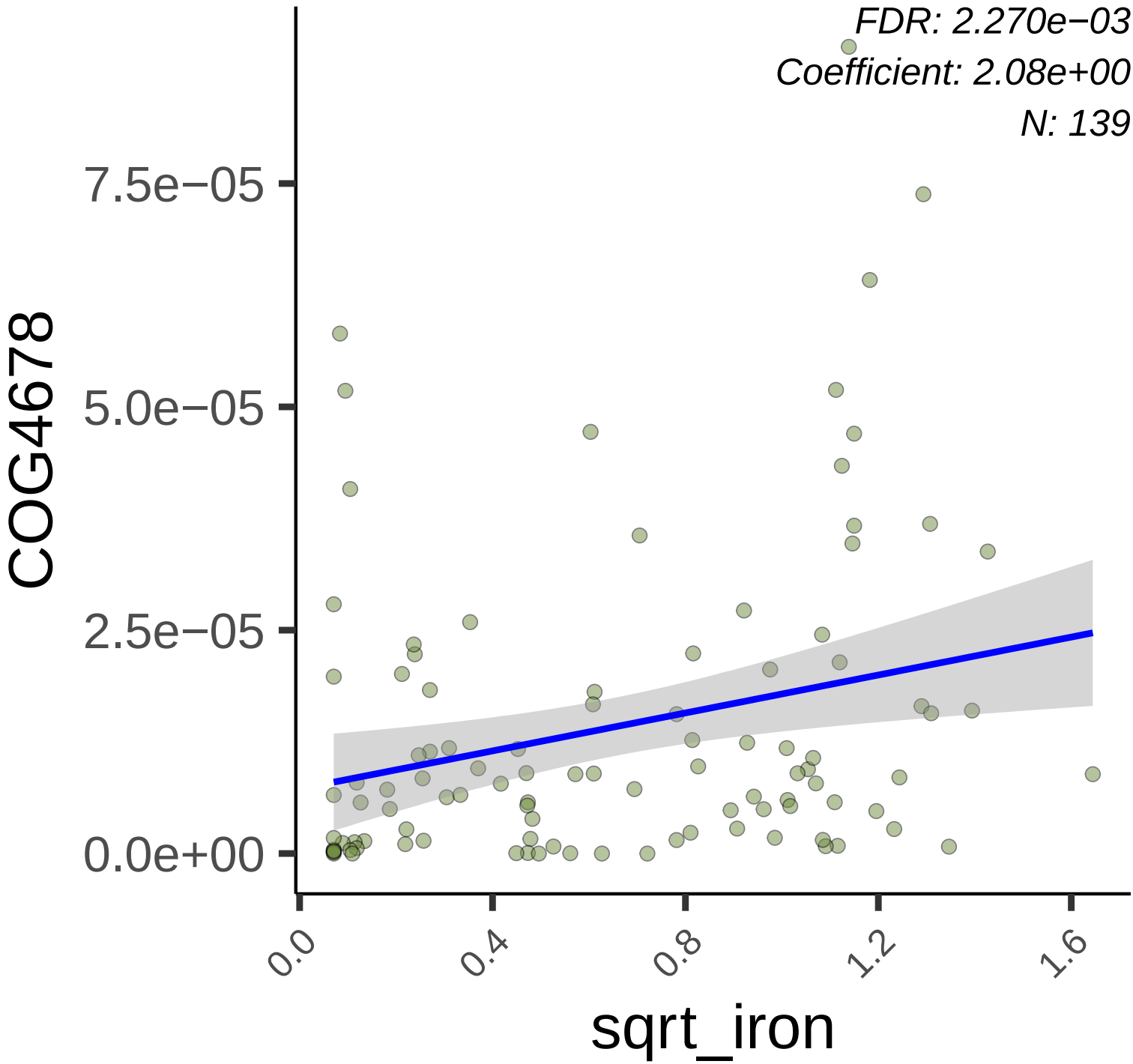
1.6
sqrt_iron


FDR: 2.270e−03
Coefficient: 2.08e+00
N: 139
COG4678
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2.5e−05
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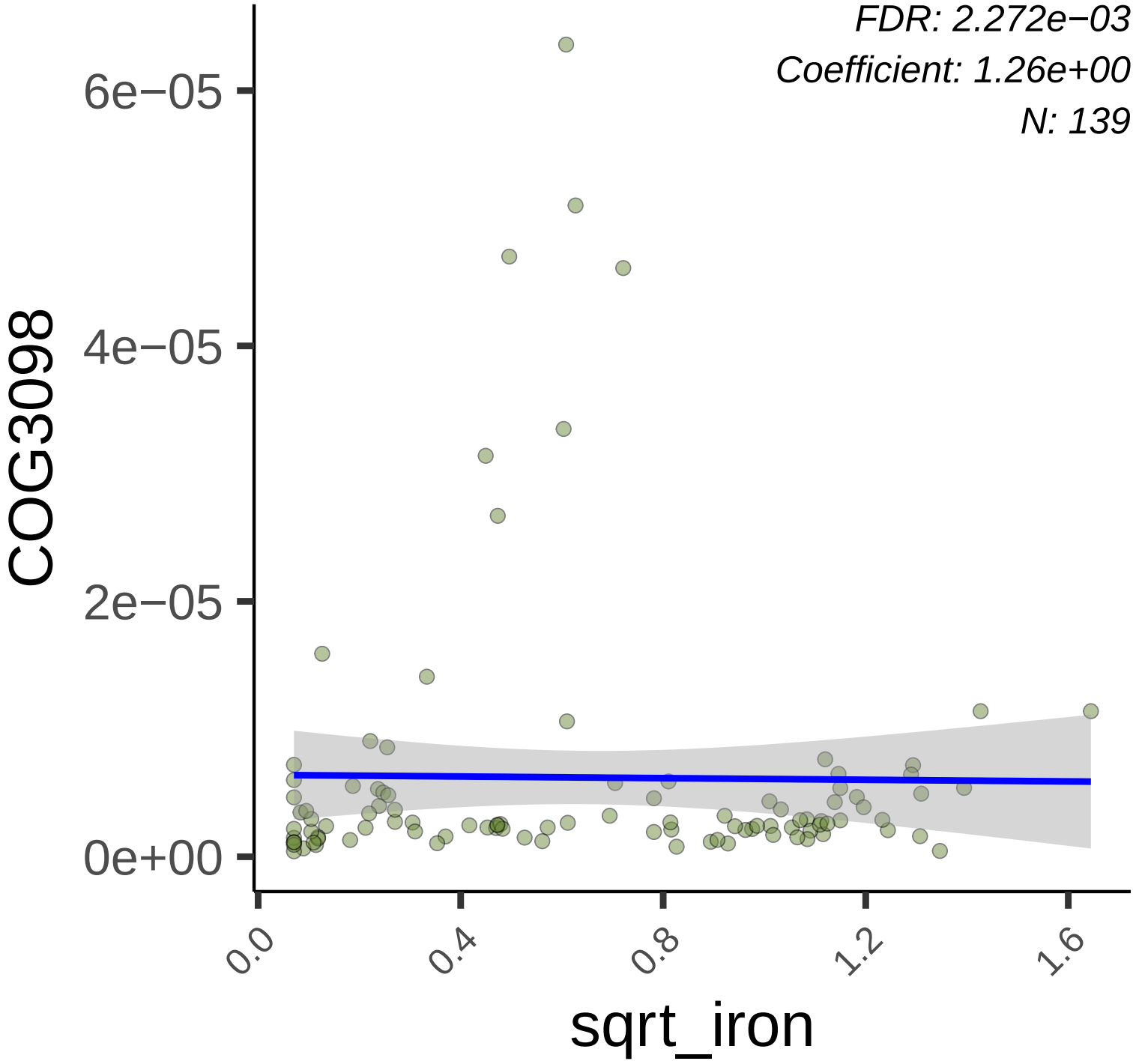
1.2
1.6
sqrt_iron


FDR: 2.272e−03
Coefficient: 1.26e+00
N: 139
COG3098
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2e−05
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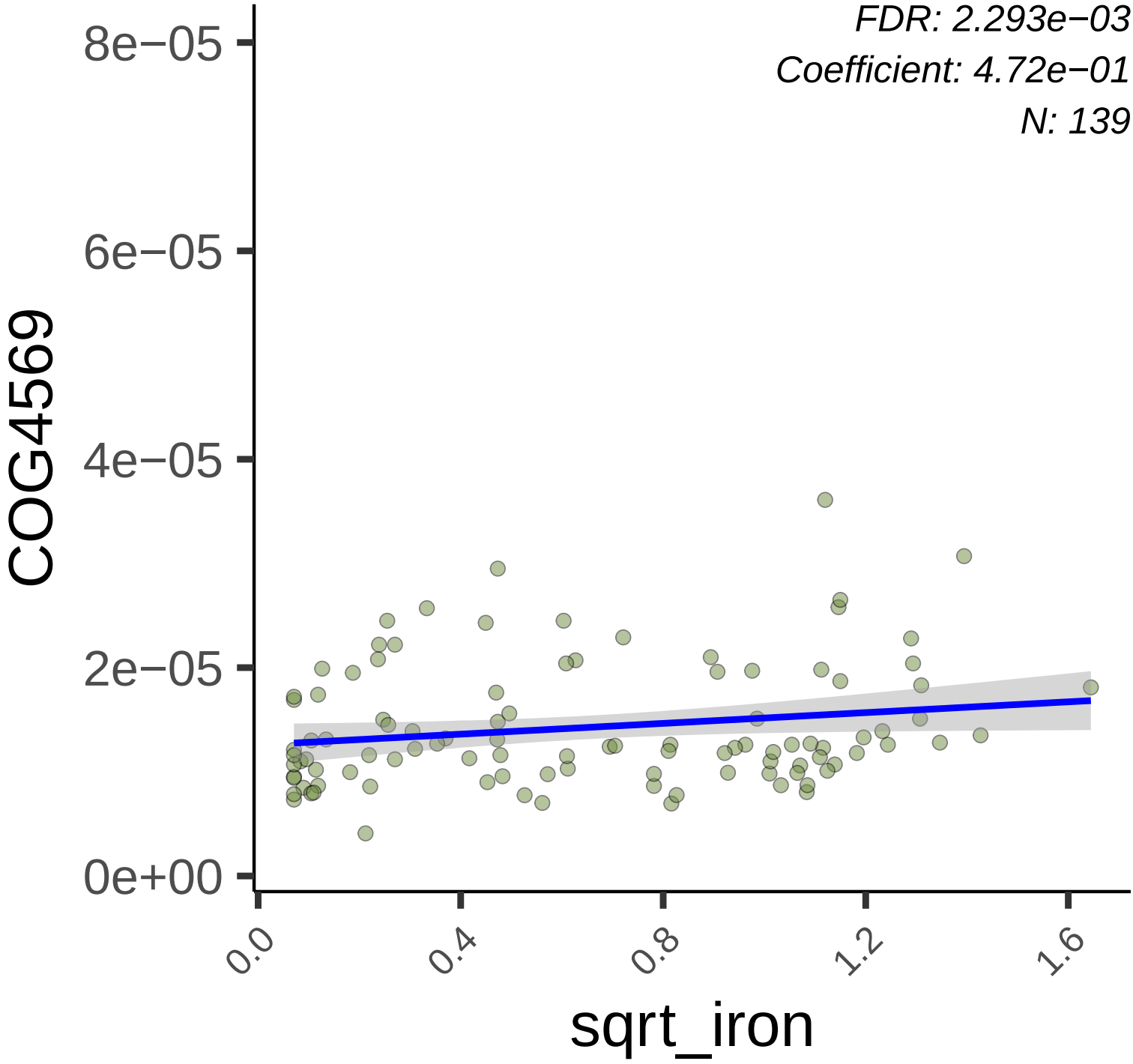
1.6
sqrt_iron


FDR: 2.293e−03
Coefficient: 4.72e−01
N: 139
COG4569
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4e−05
2e−05
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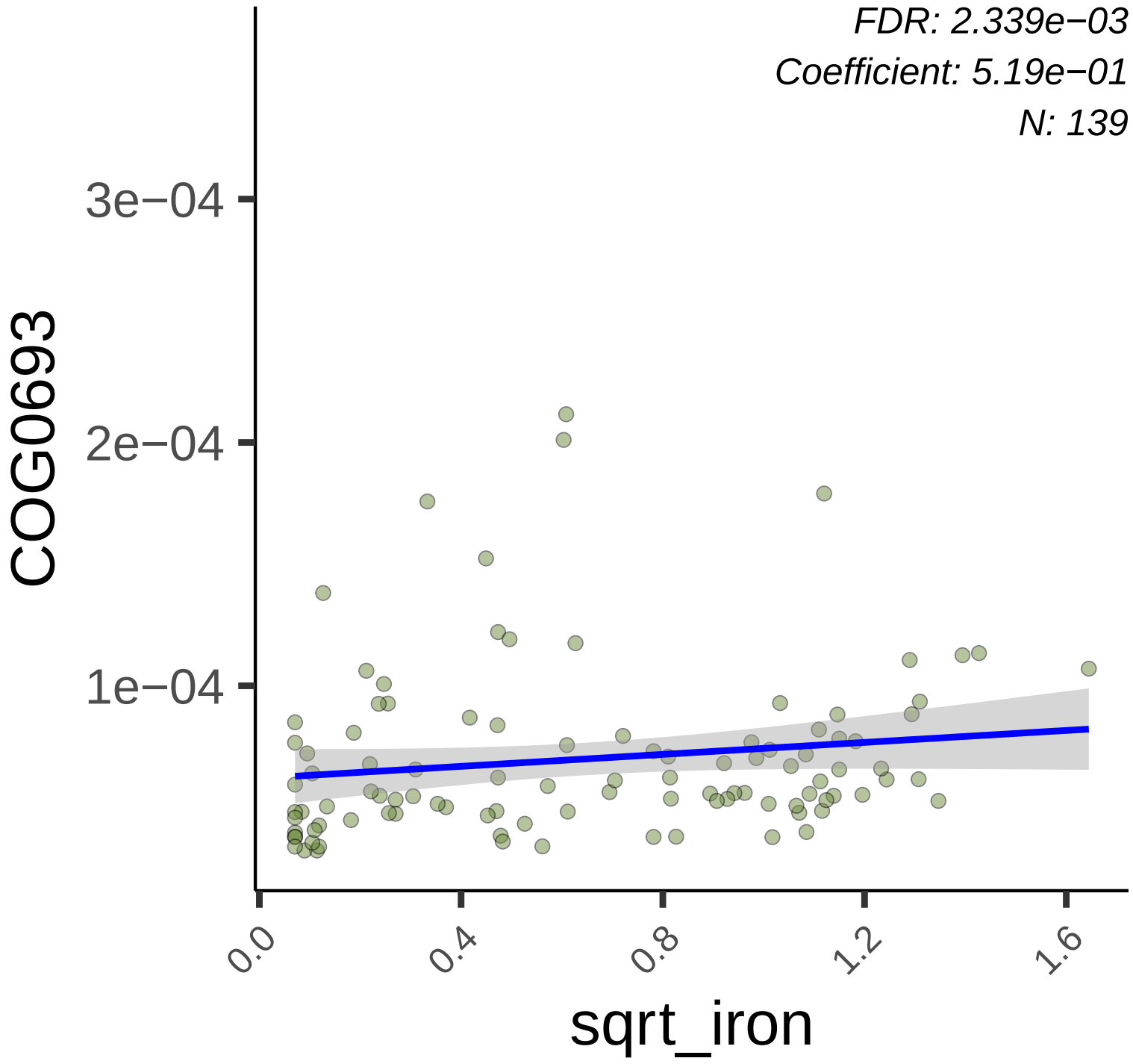
1.2
1.6
sqrt_iron


FDR: 2.339e−03
Coefficient: 5.19e−01
N: 139
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1e−04
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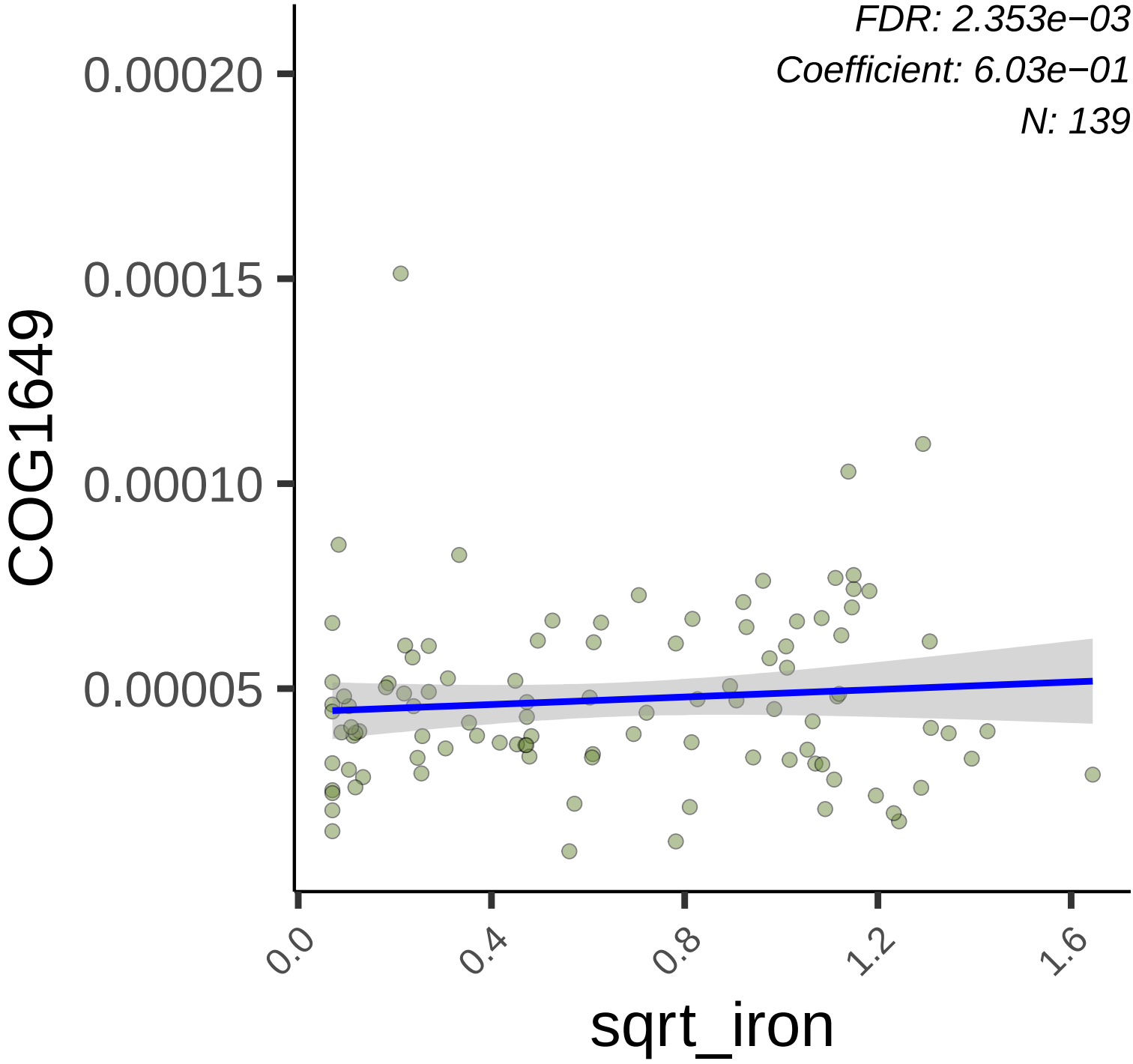
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.353e−03
Coefficient: 6.03e−01
N: 139
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0.00010
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COG1649
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0.4
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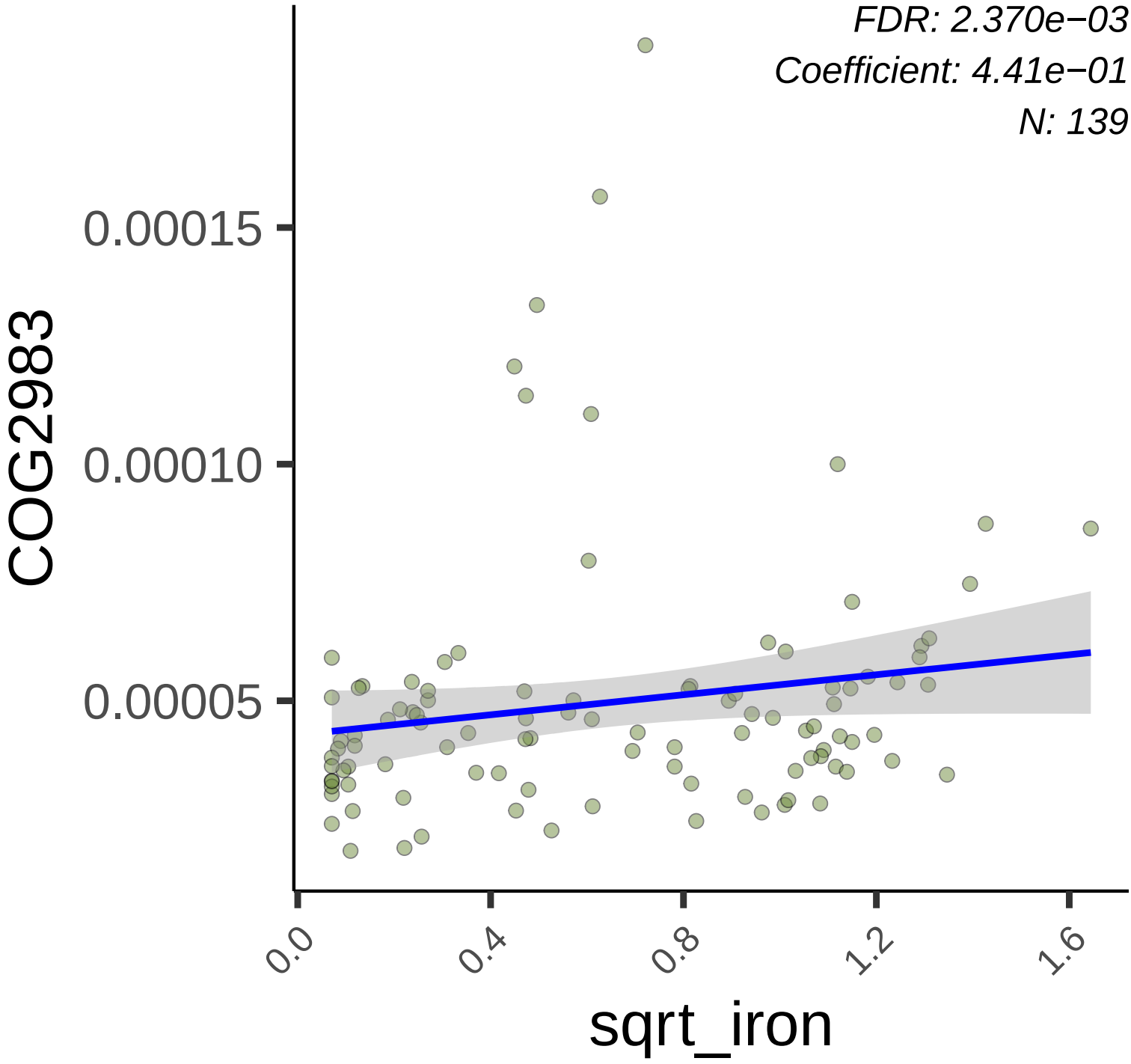
1.2
1.6
sqrt_iron


FDR: 2.370e−03
Coefficient: 4.41e−01
N: 139
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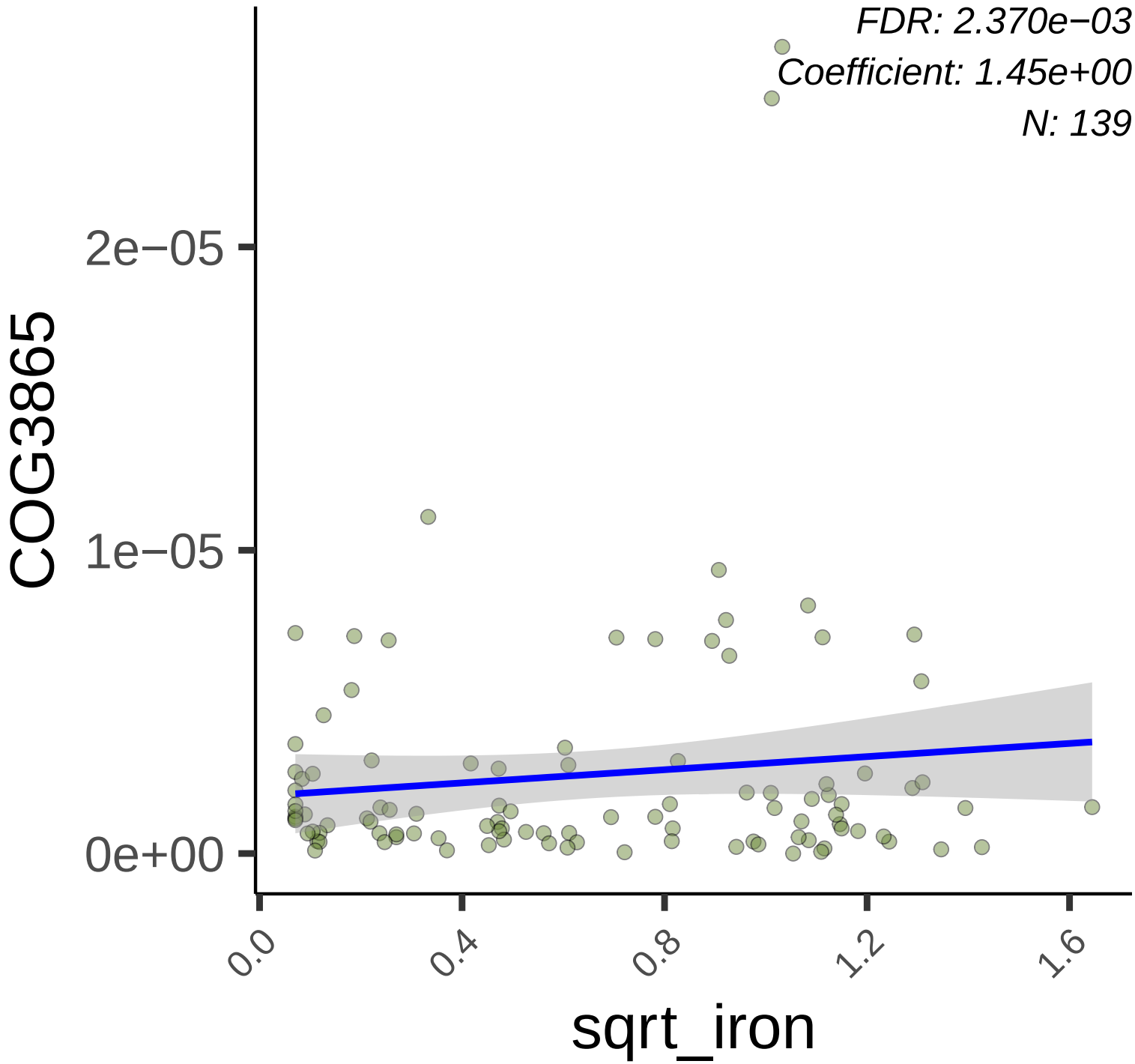
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.370e−03
Coefficient: 1.45e+00
N: 139
COG3865
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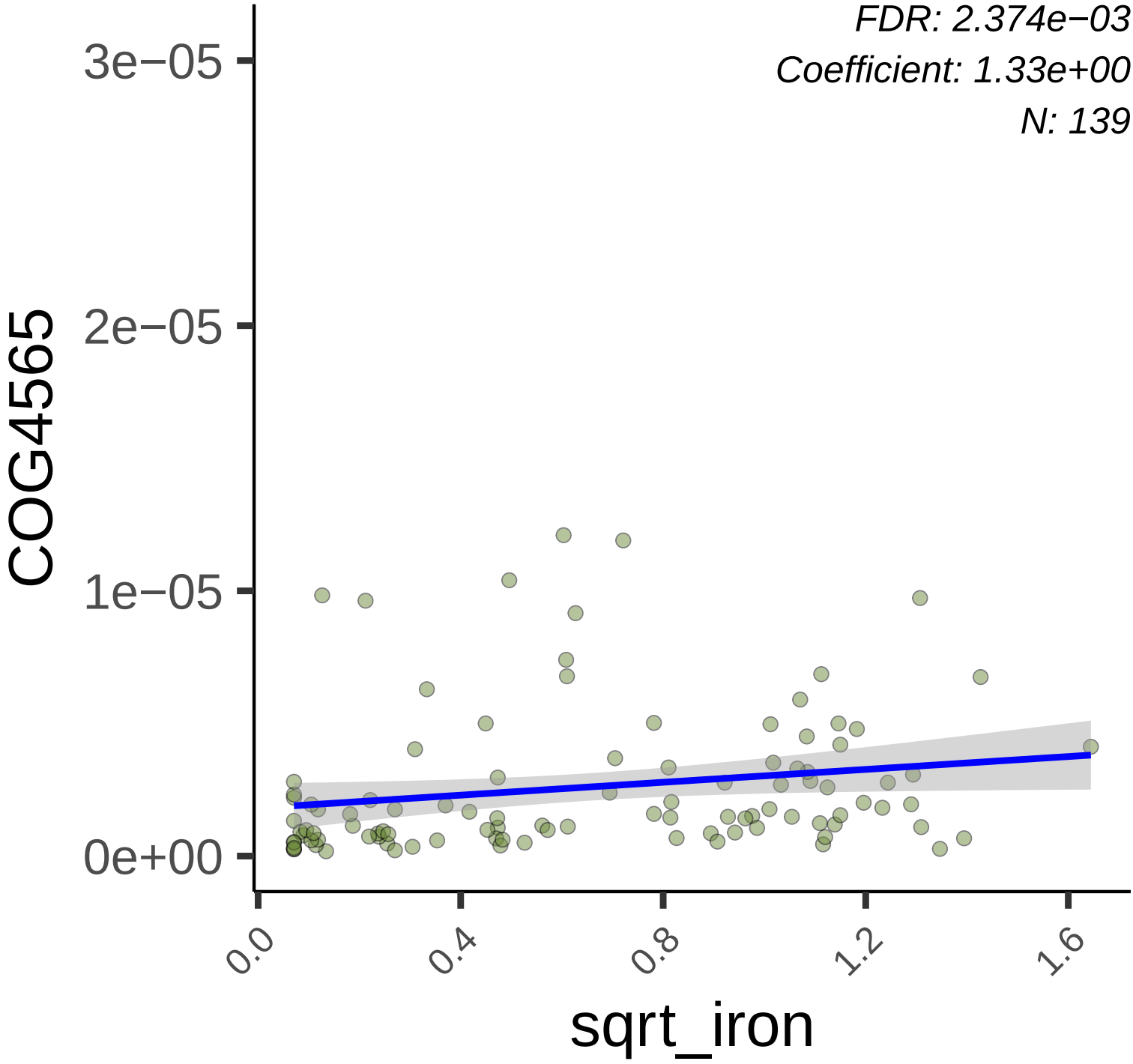
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.374e−03
Coefficient: 1.33e+00
N: 139
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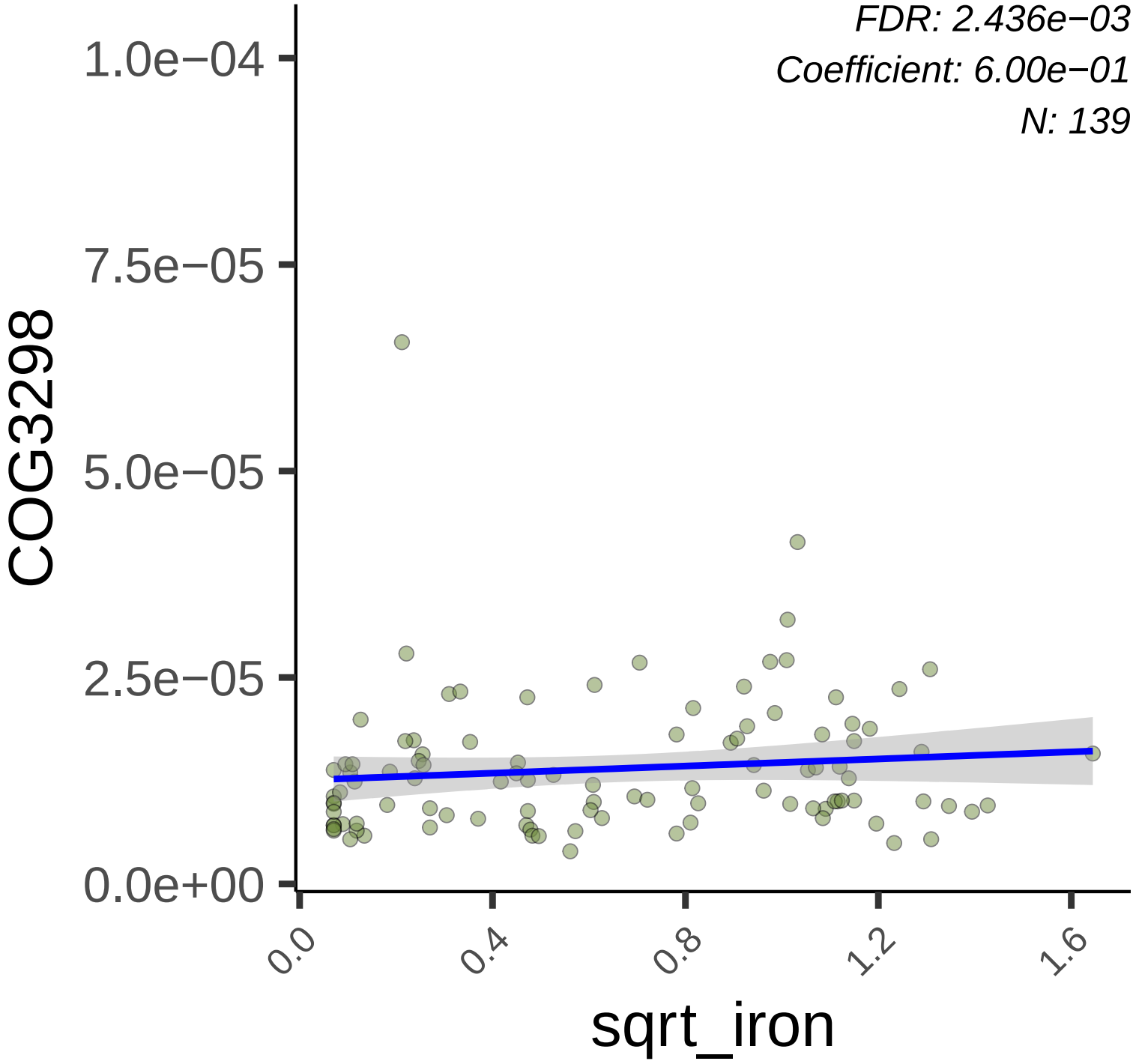
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.436e−03
Coefficient: 6.00e−01
N: 139
1.0e−04
7.5e−05
5.0e−05
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0.0e+00
COG3298
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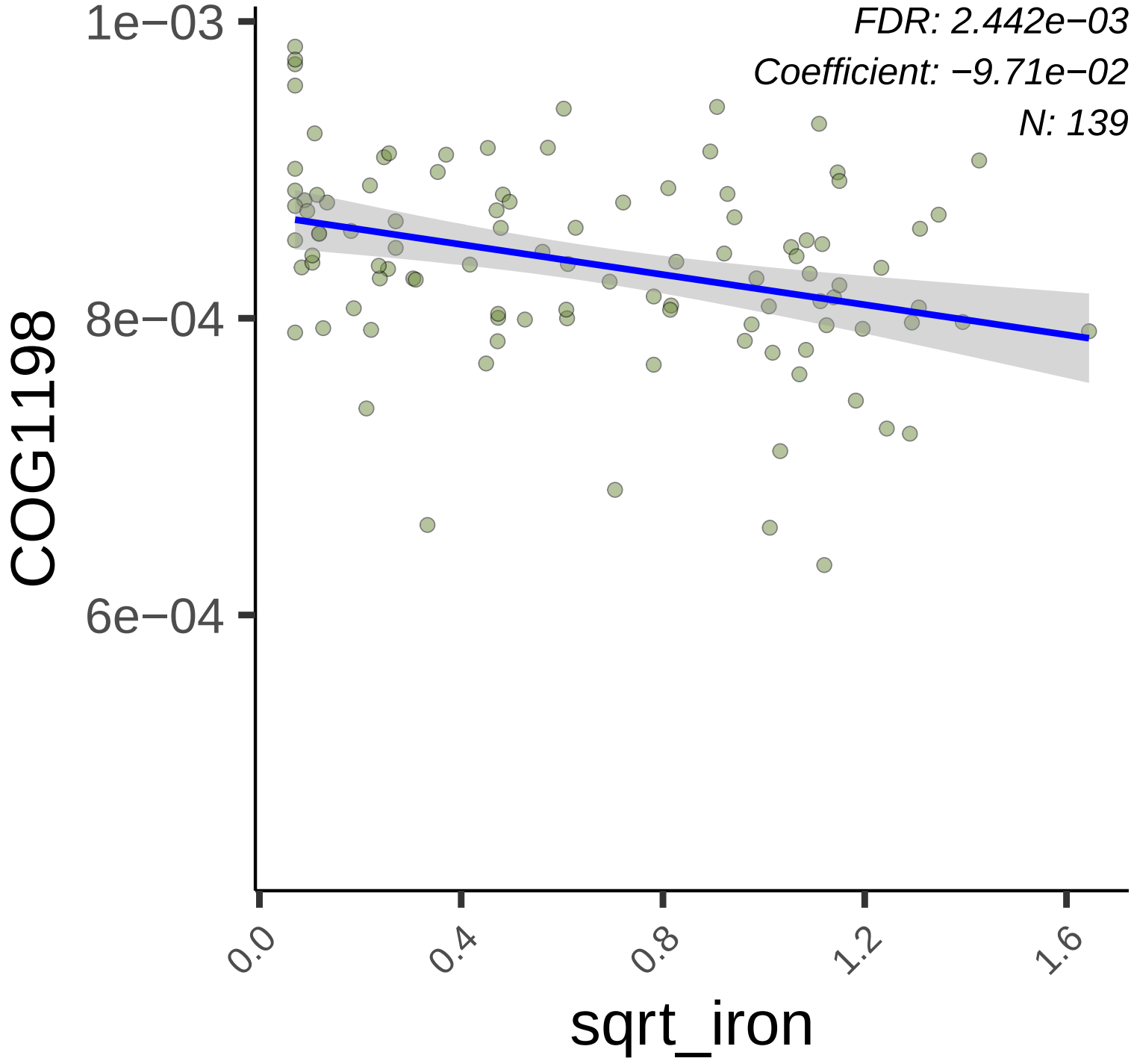
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.442e−03
Coefficient: −9.71e−02
N: 139
1e−03
8e−04
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COG1198
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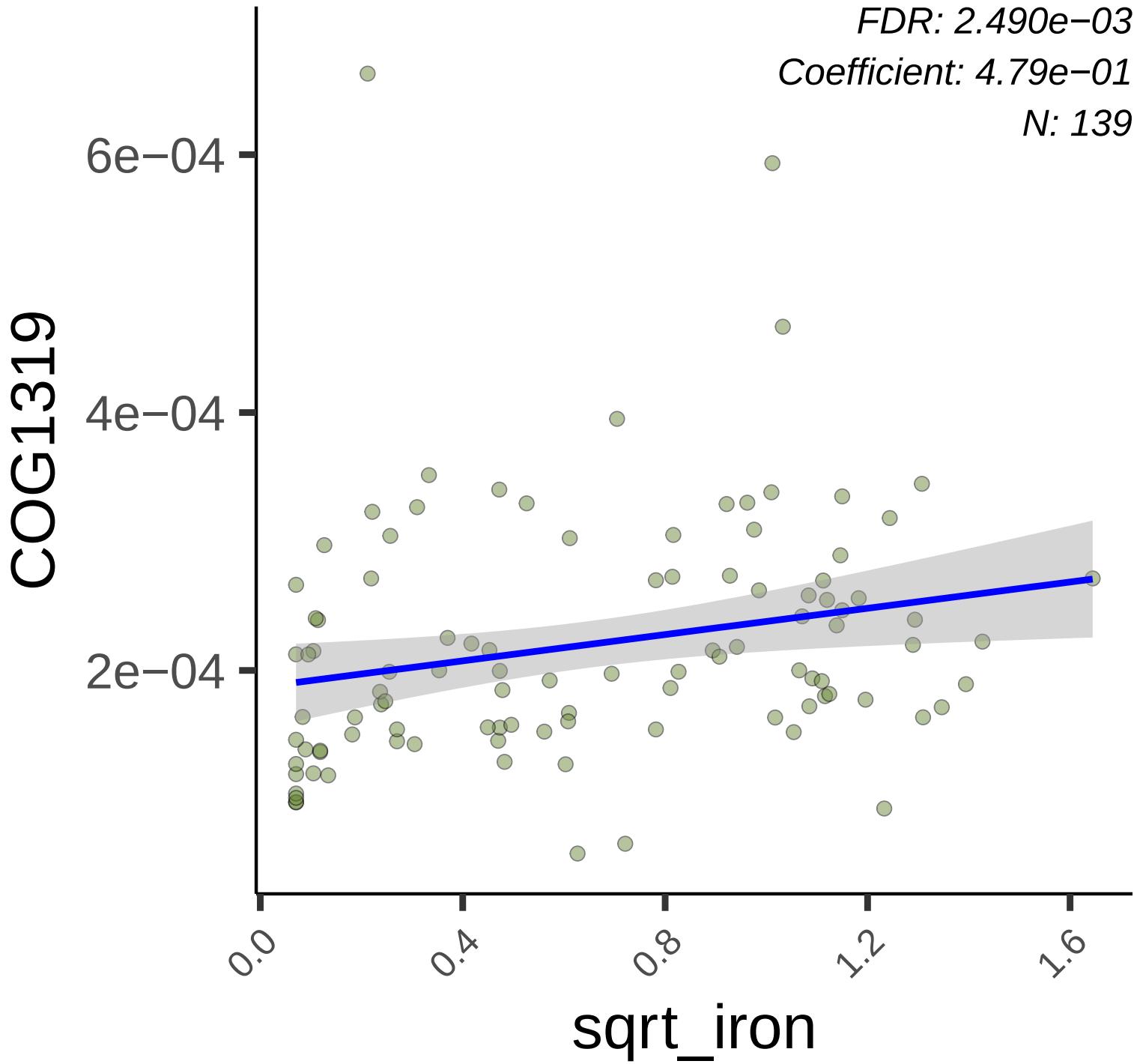
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.490e−03
Coefficient: 4.79e−01
N: 139
COG1319
6e−04
4e−04
2e−04
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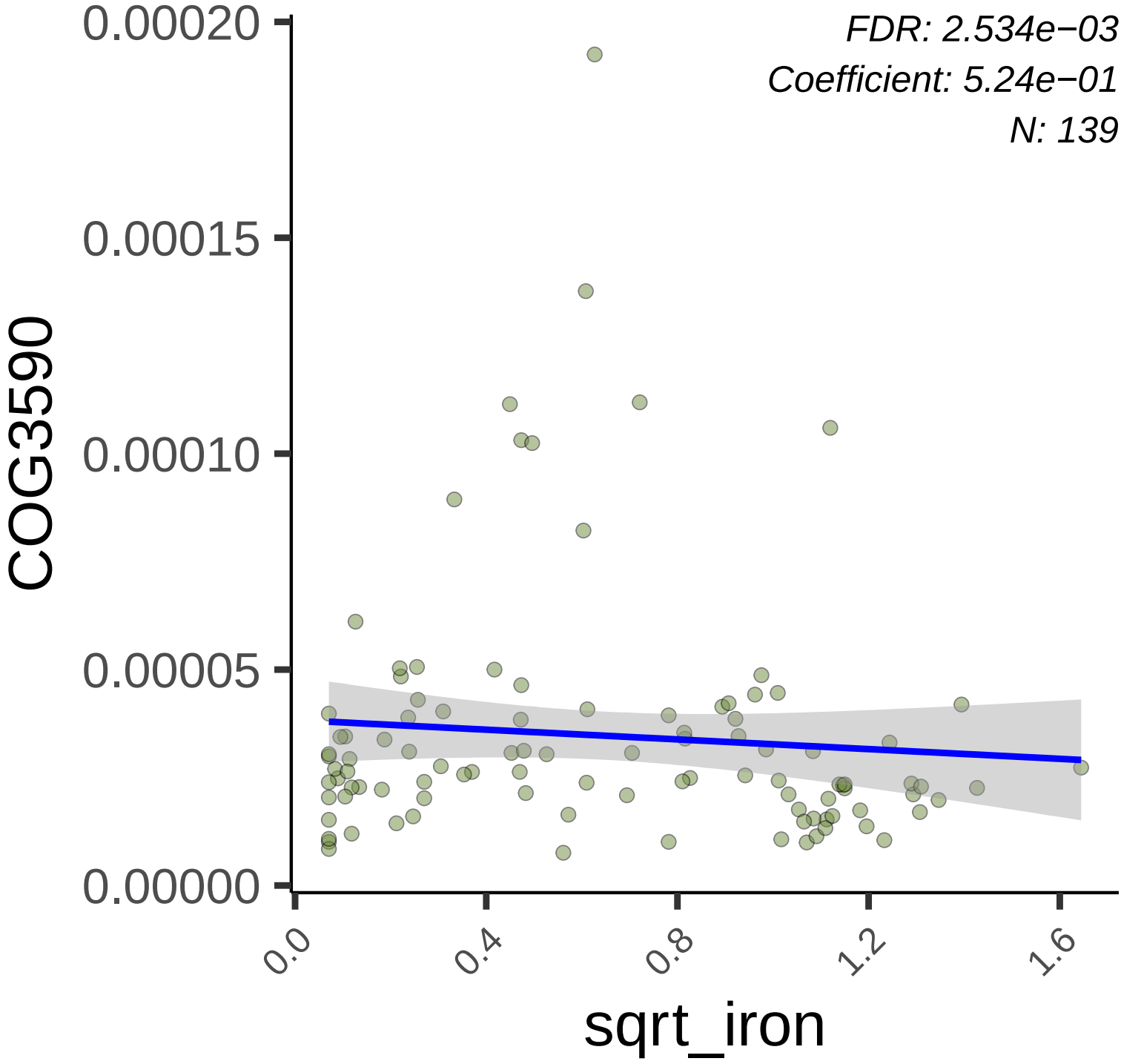
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.534e−03
Coefficient: 5.24e−01
N: 139
COG3590
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0.4
0.8
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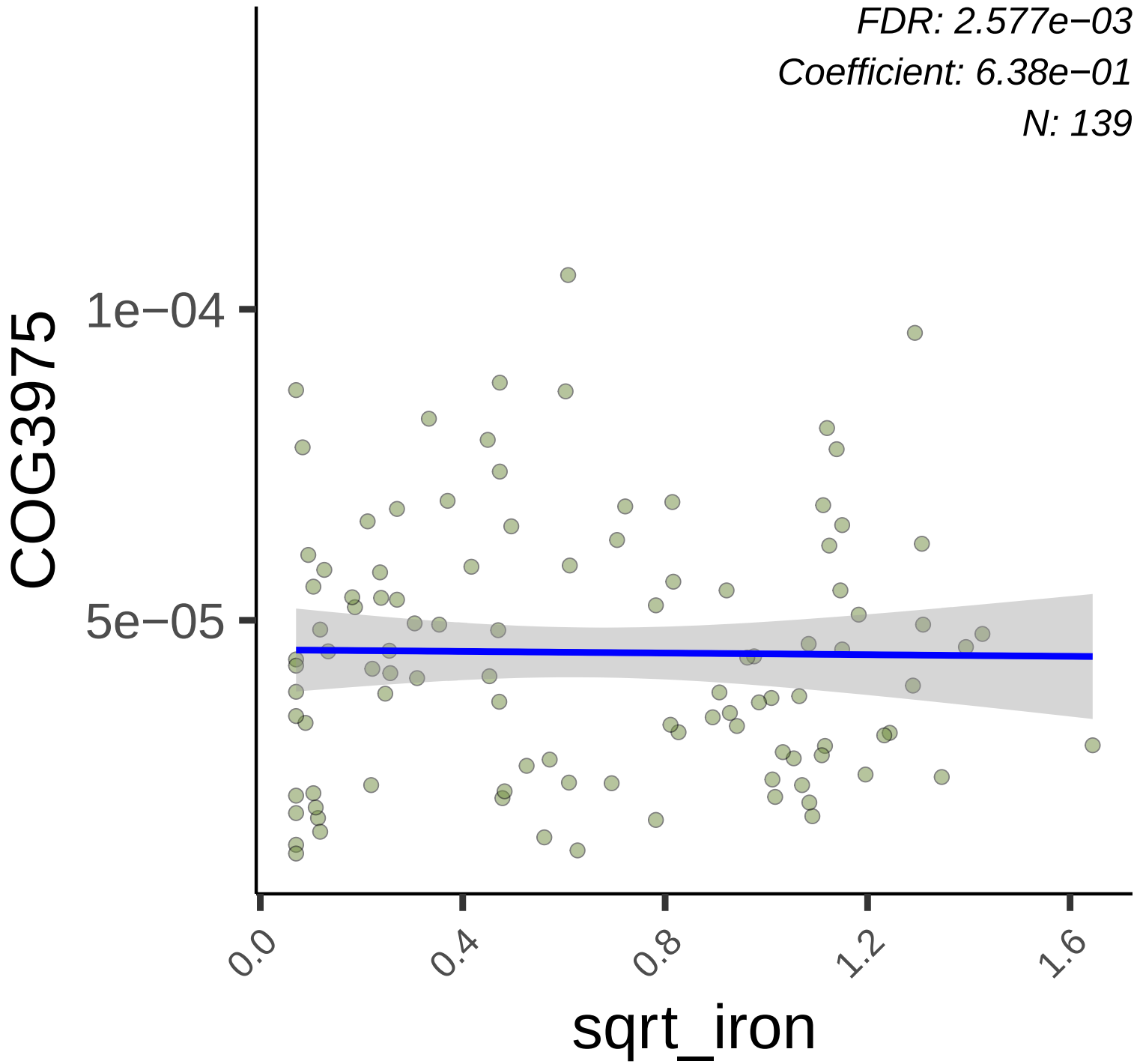
1.6
sqrt_iron


FDR: 2.577e−03
Coefficient: 6.38e−01
N: 139
COG3975
1e−04
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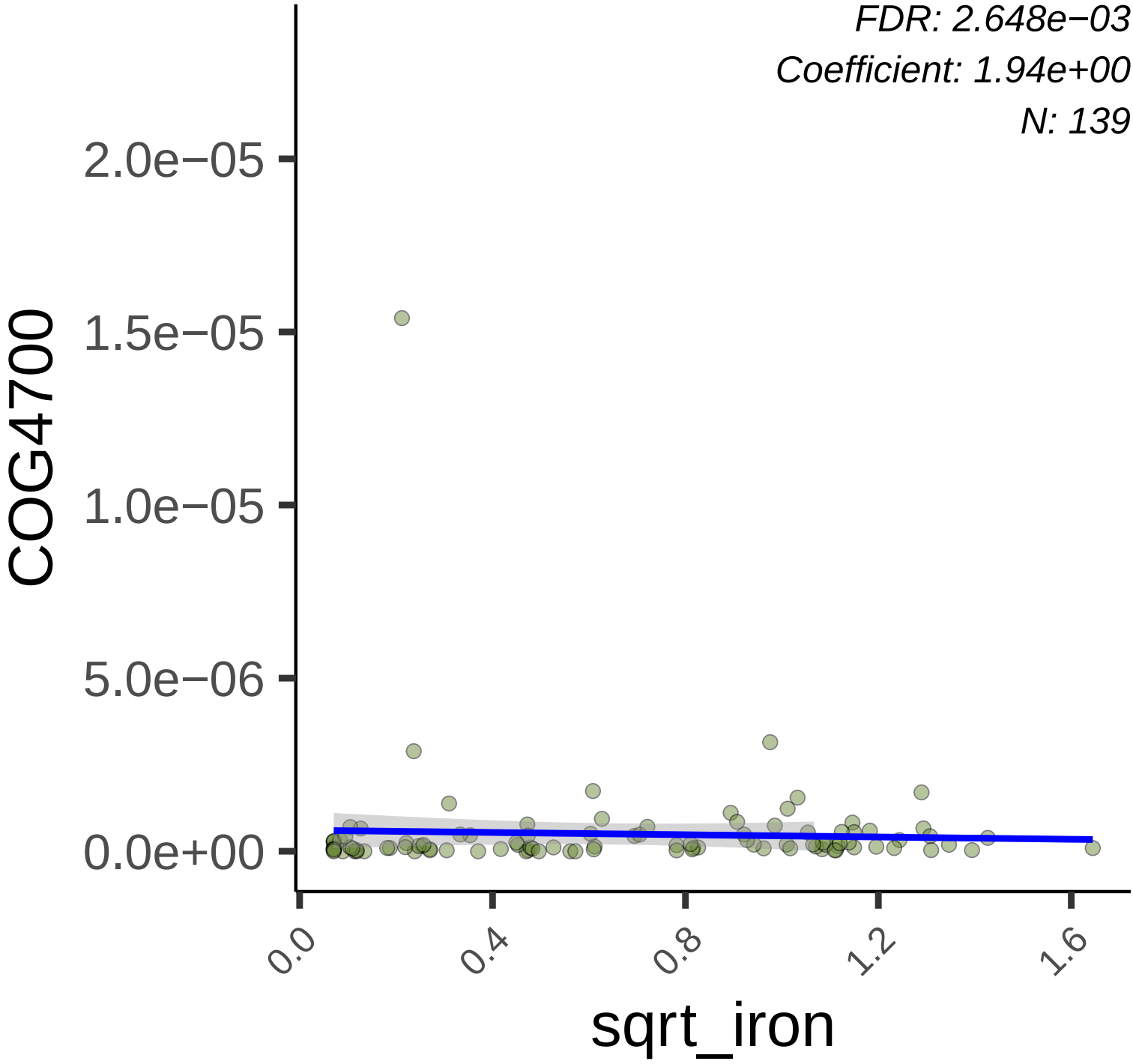
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.648e−03
Coefficient: 1.94e+00
N: 139
COG4700
2.0e−05
1.5e−05
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5.0e−06
0.0e+00
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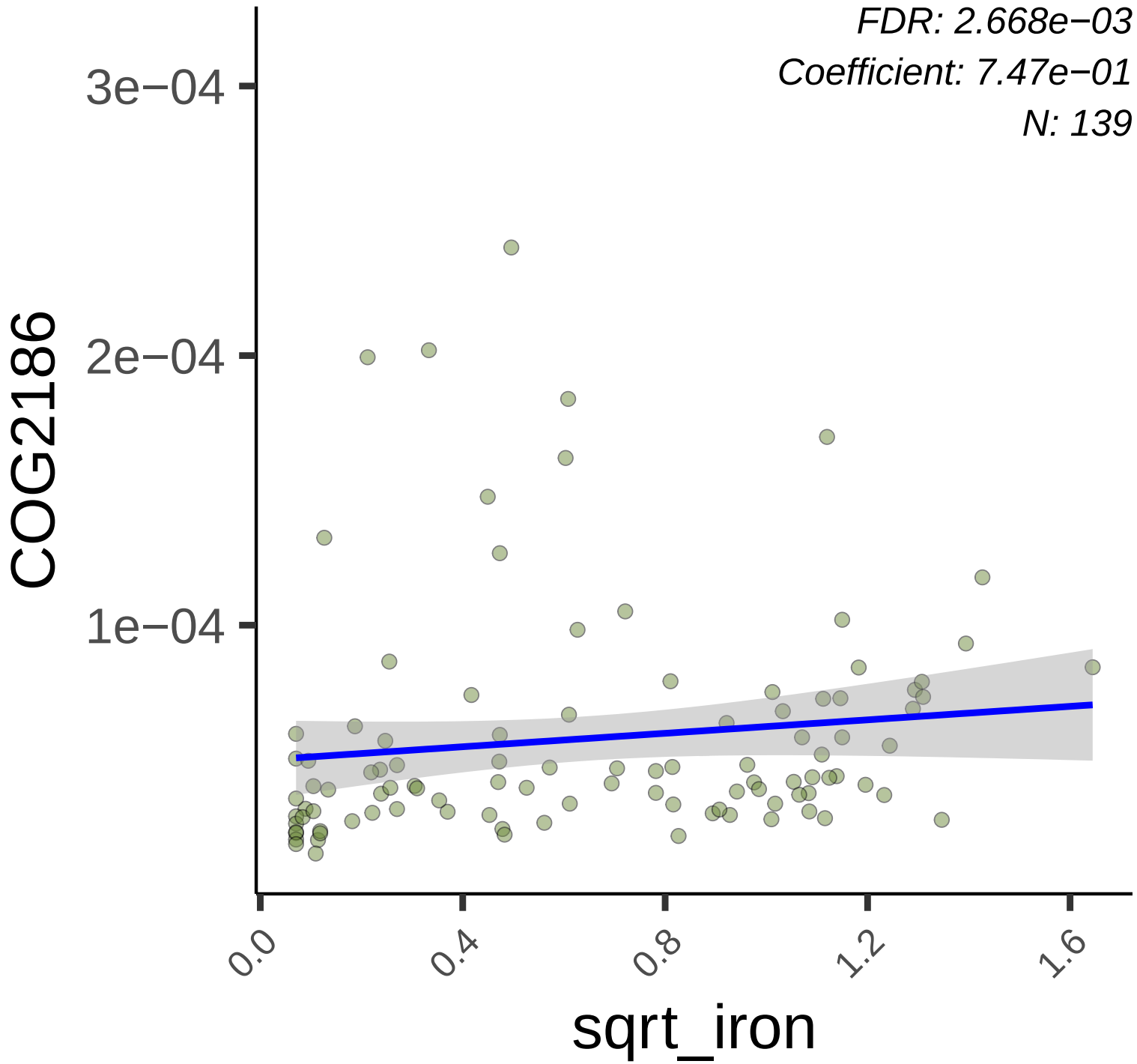
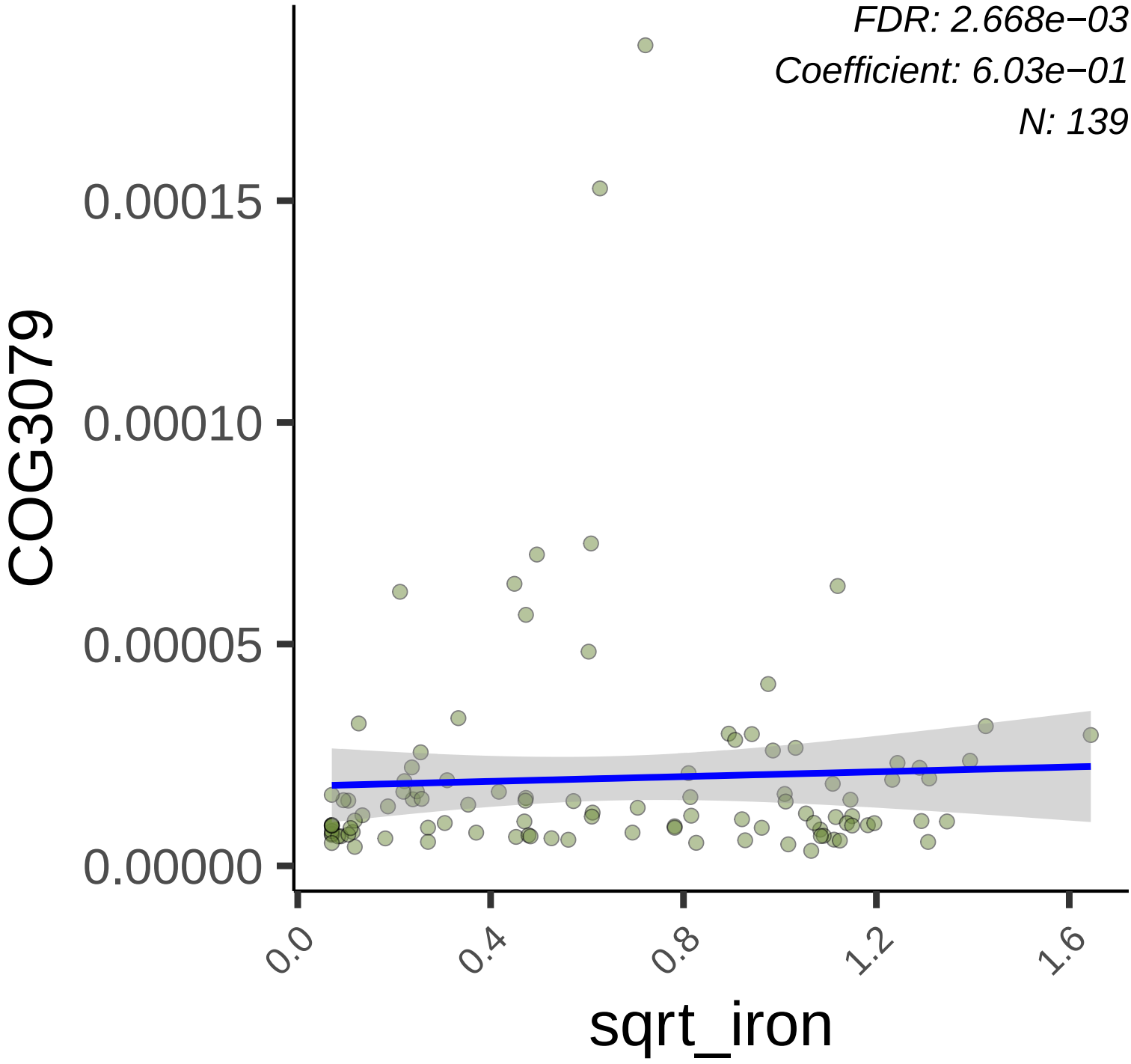
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.668e−03
Coefficient: 7.47e−01
N: 139
3e−04
2e−04
1e−04
COG2186
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.668e−03
Coefficient: 6.03e−01
N: 139
COG3079
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0.00000
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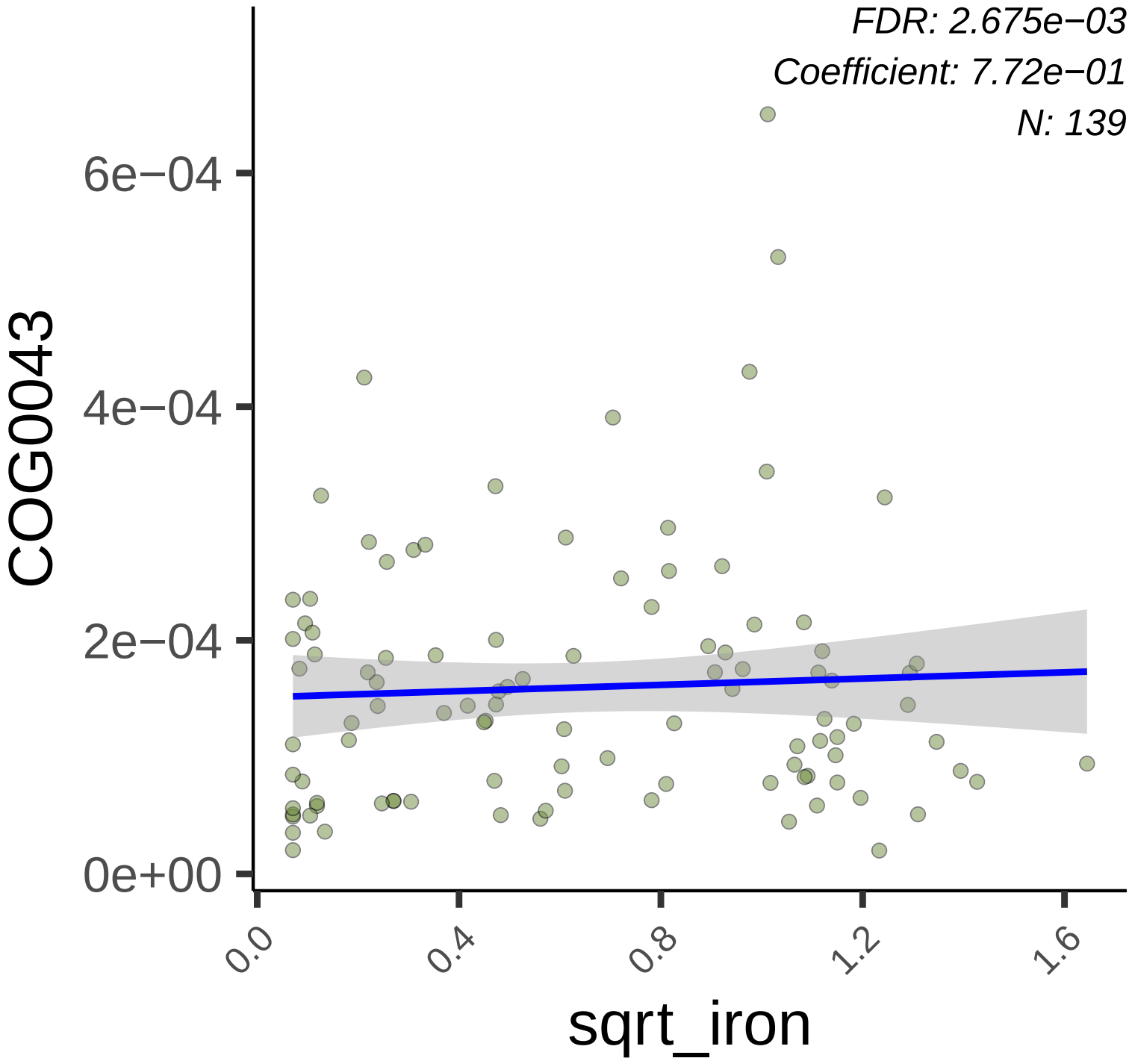
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.675e−03
Coefficient: 7.72e−01
N: 139
COG0043
6e−04
4e−04
2e−04
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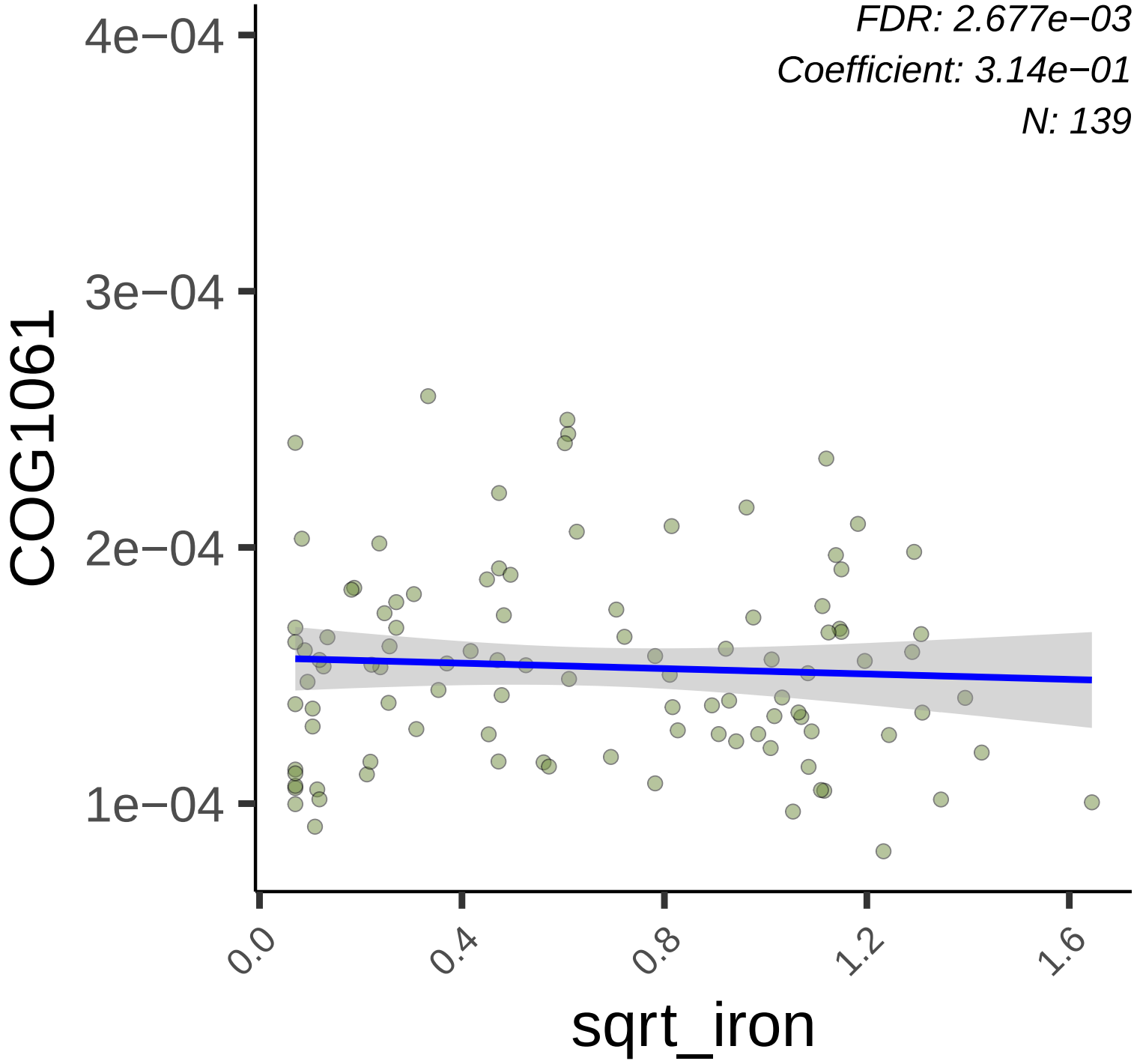
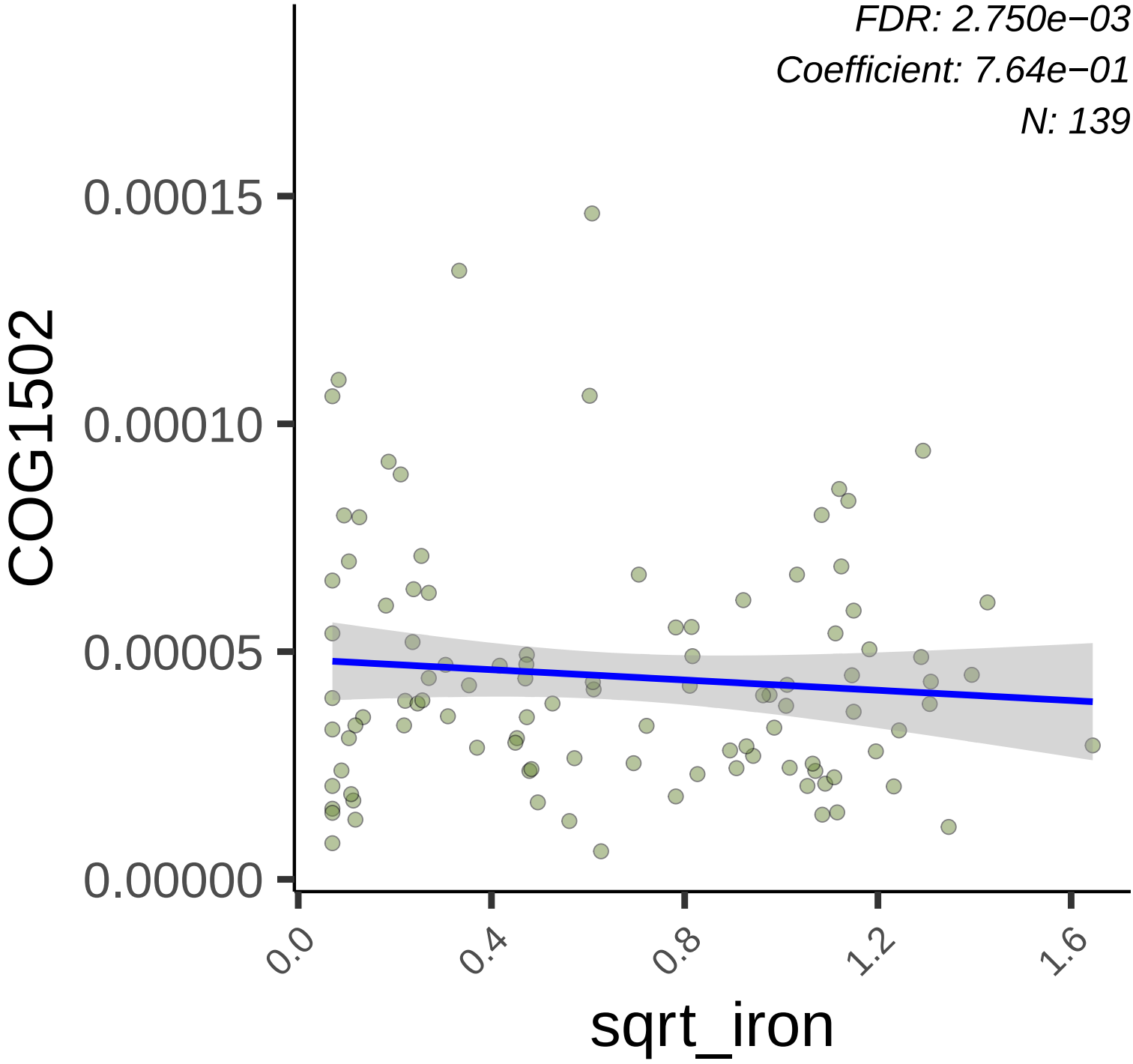
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.677e−03
Coefficient: 3.14e−01
N: 139
4e−04
3e−04
2e−04
1e−04
COG1061
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.750e−03
Coefficient: 7.64e−01
N: 139
COG1502
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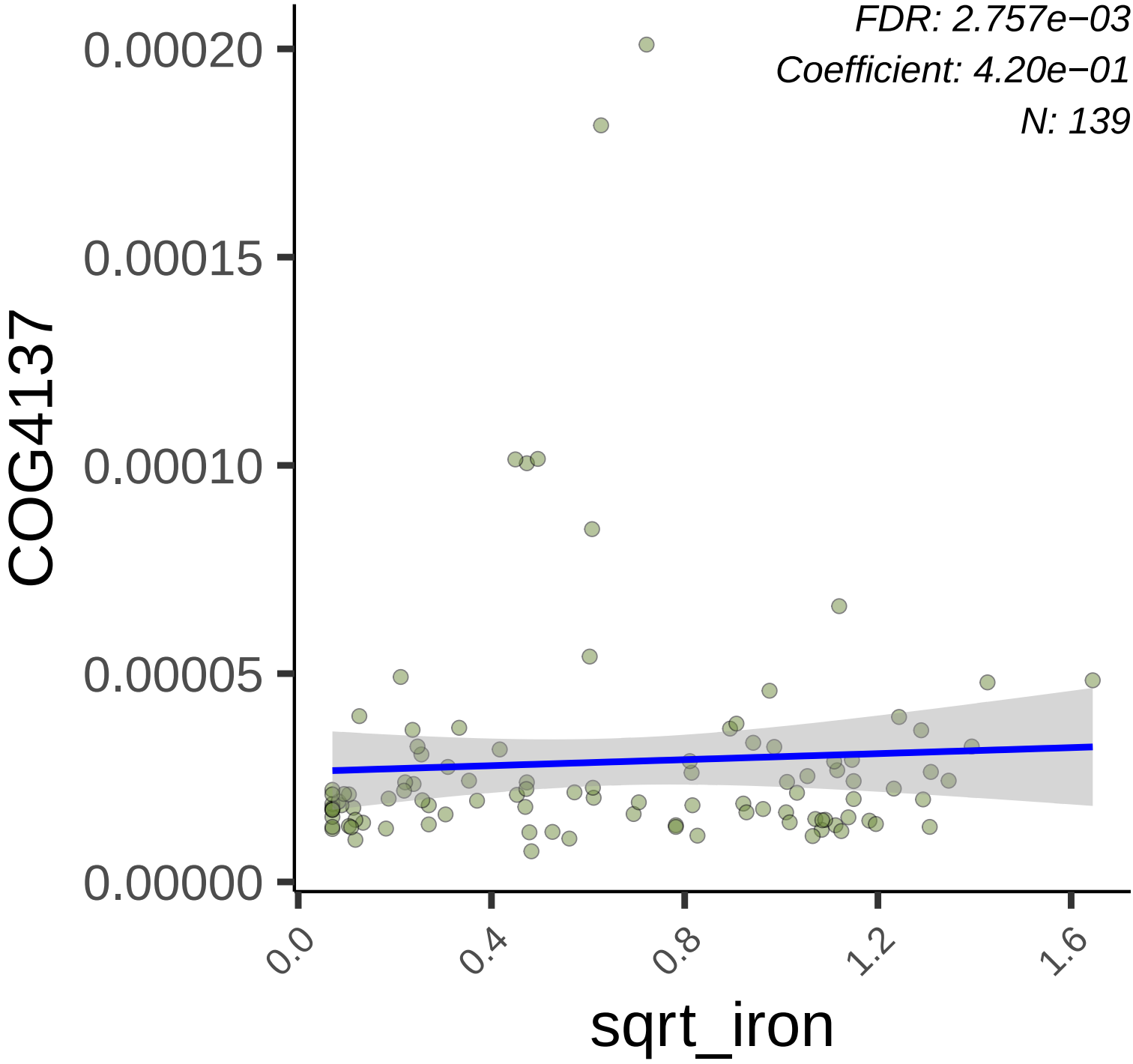
0.00010
0.00005
0.00000
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.757e−03
Coefficient: 4.20e−01
N: 139
COG4137
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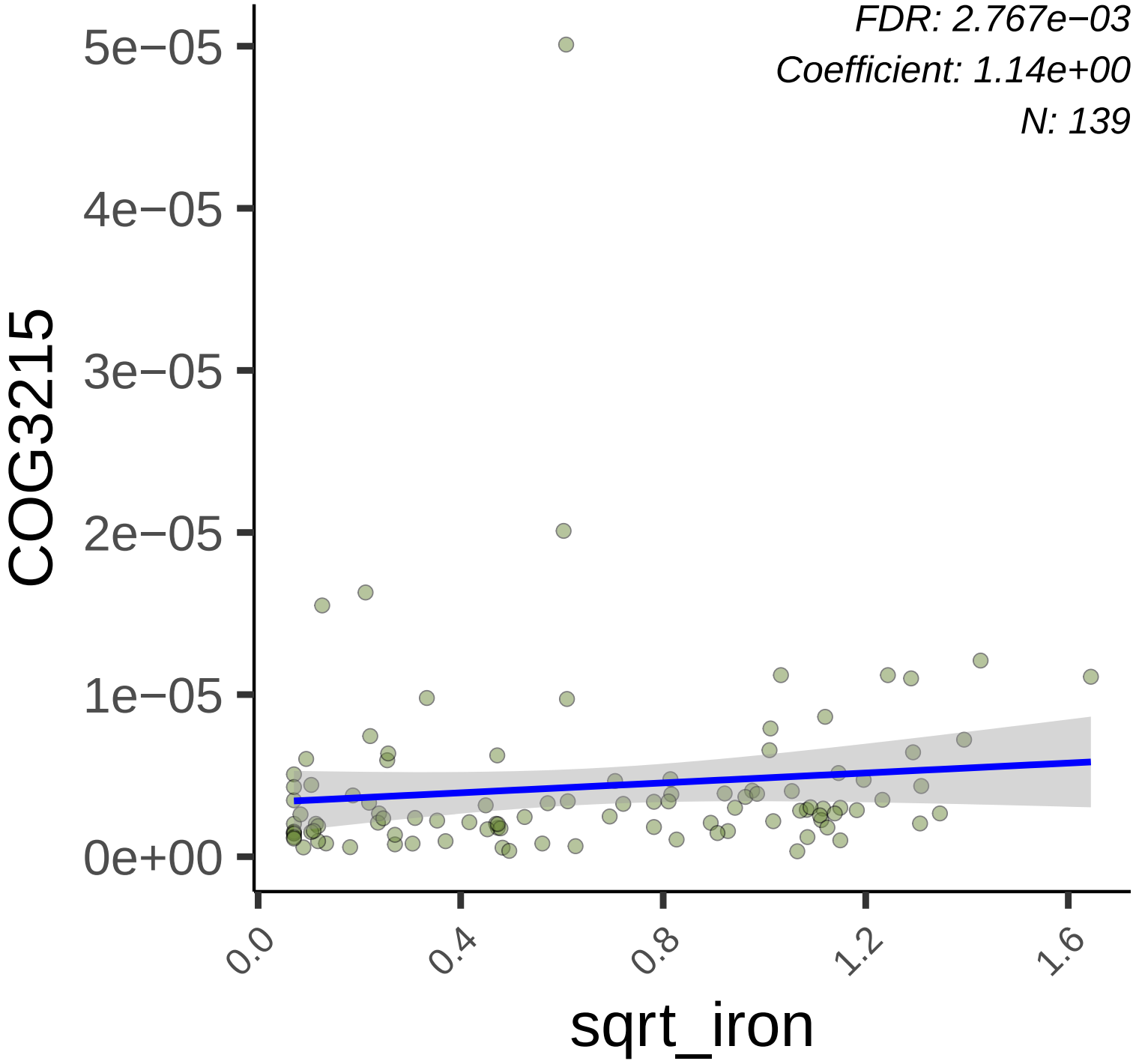
0.00000
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.767e−03
Coefficient: 1.14e+00
N: 139
COG3215
5e−05
4e−05
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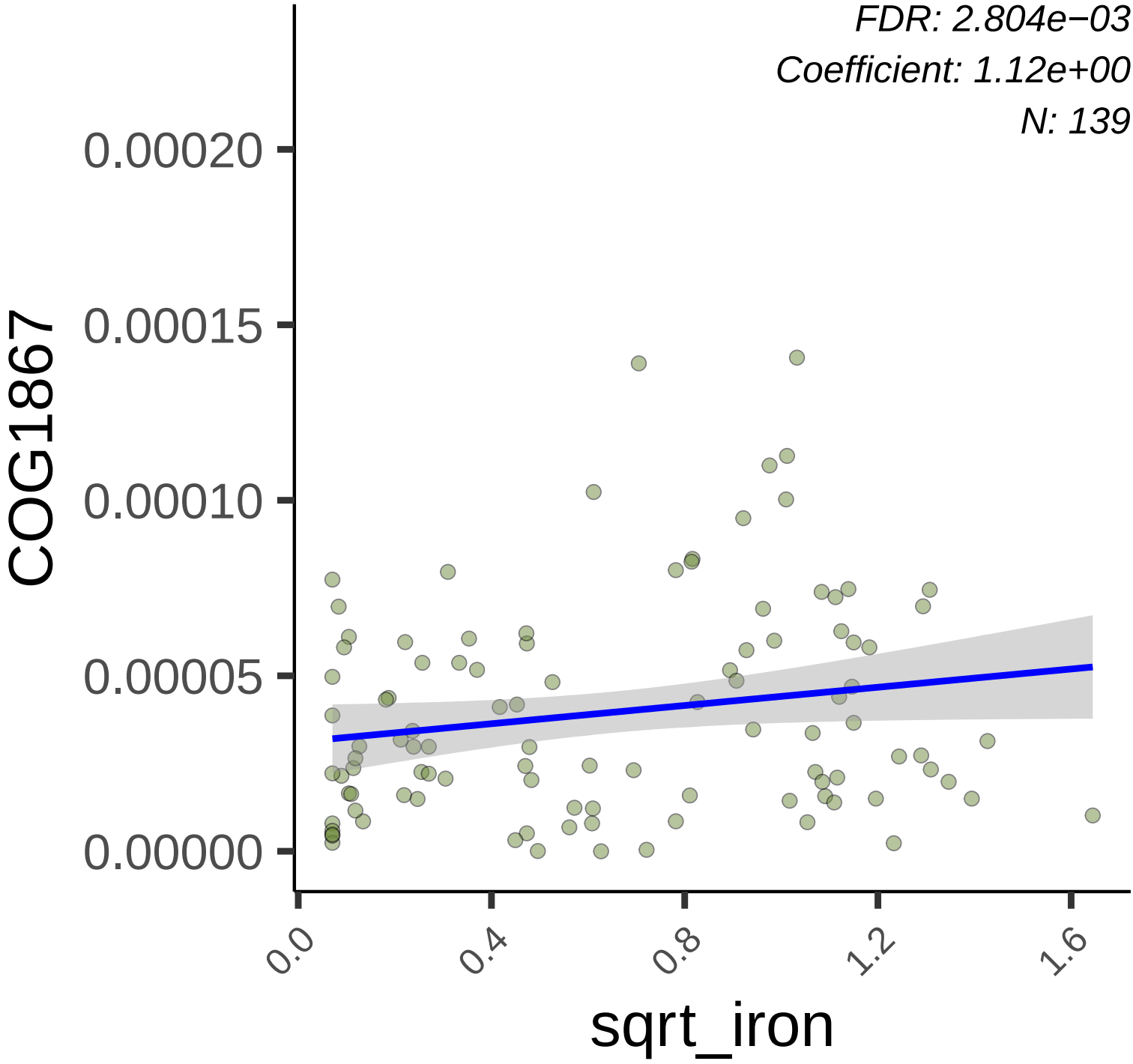
2e−05
1e−05
0e+00
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.804e−03
Coefficient: 1.12e+00
N: 139
COG1867
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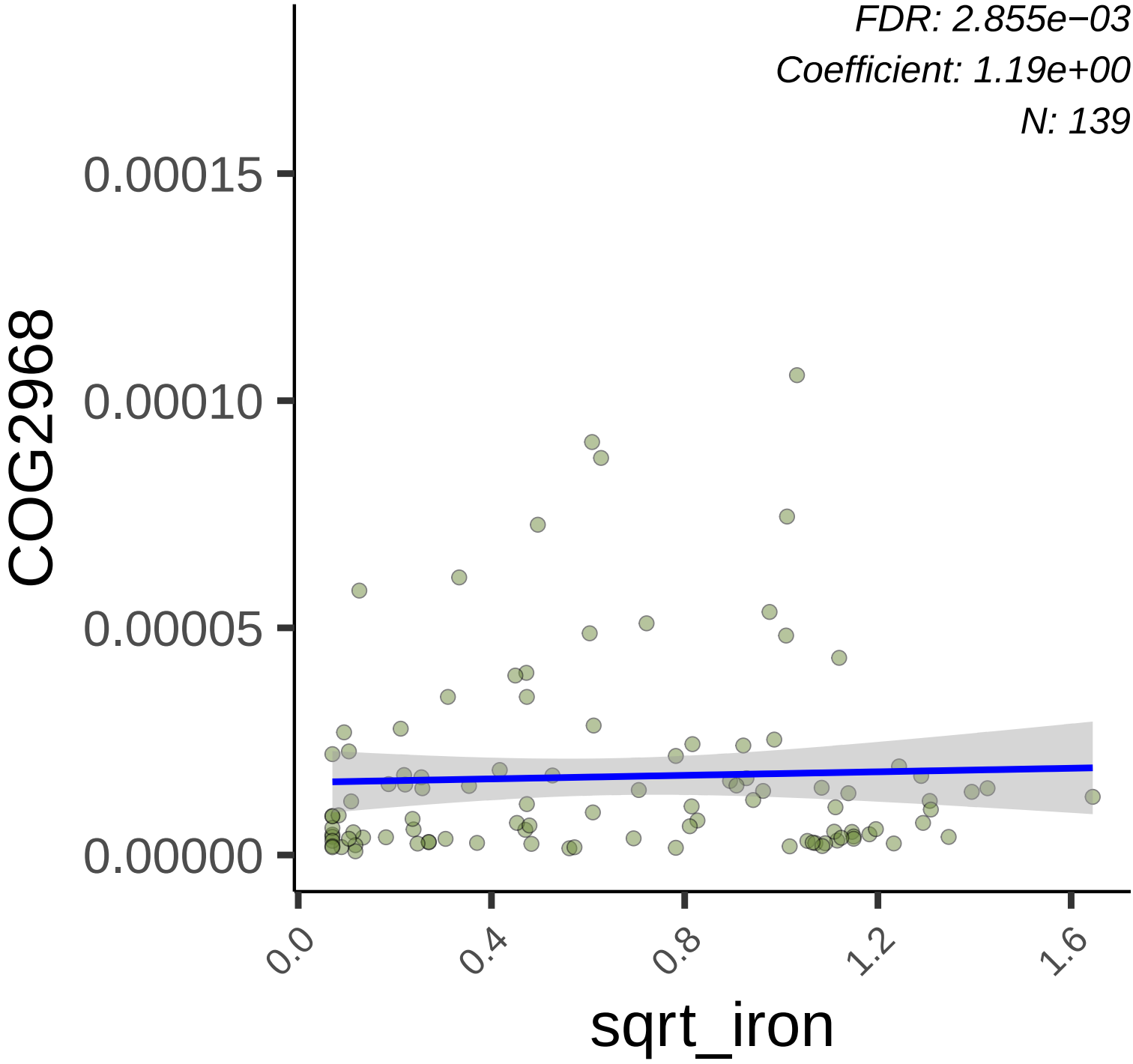
0.00010
0.00005
0.00000
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.855e−03
Coefficient: 1.19e+00
N: 139
COG2968
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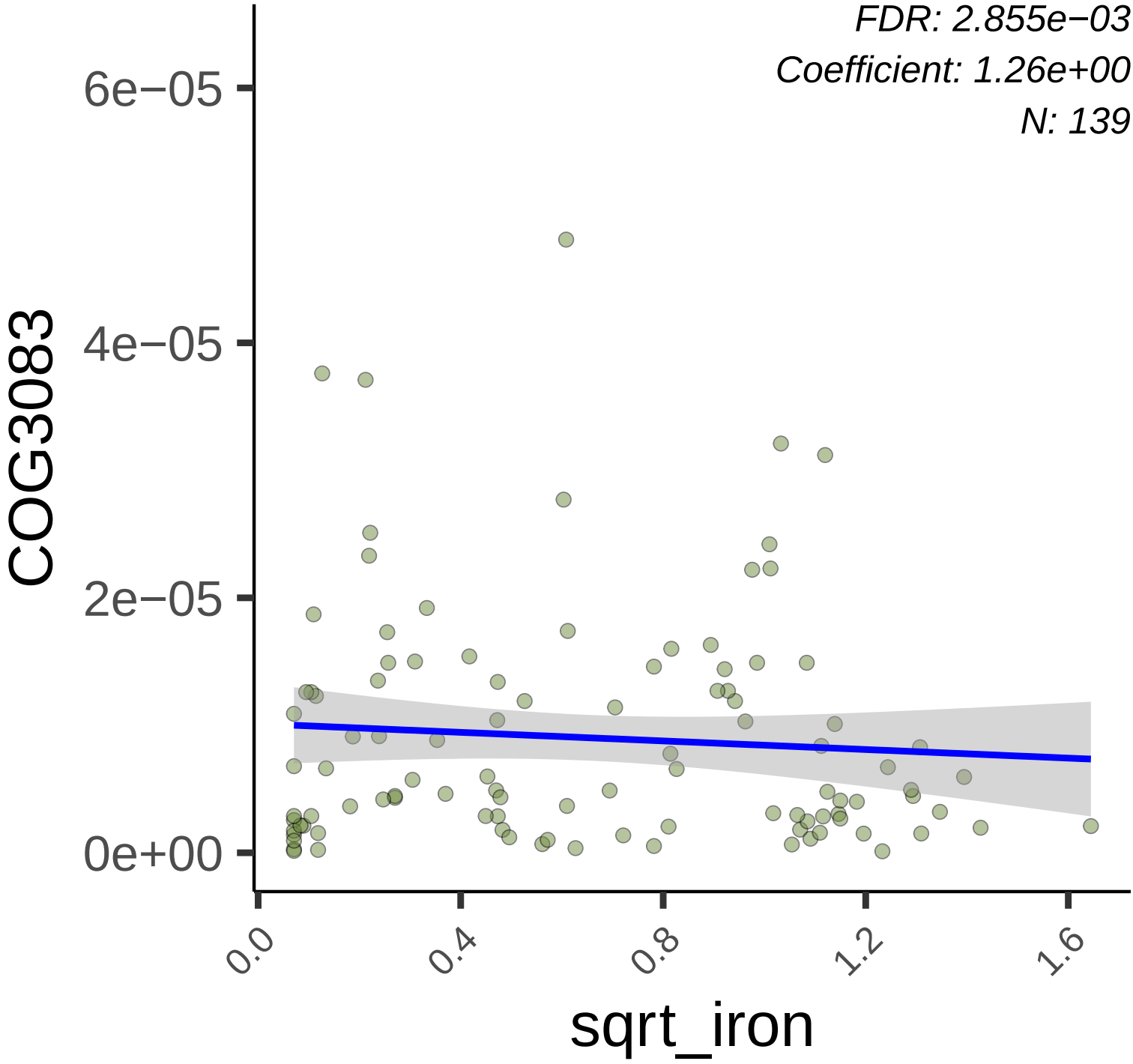
0.00010
0.00005
0.00000
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.855e−03
Coefficient: 1.26e+00
N: 139
COG3083
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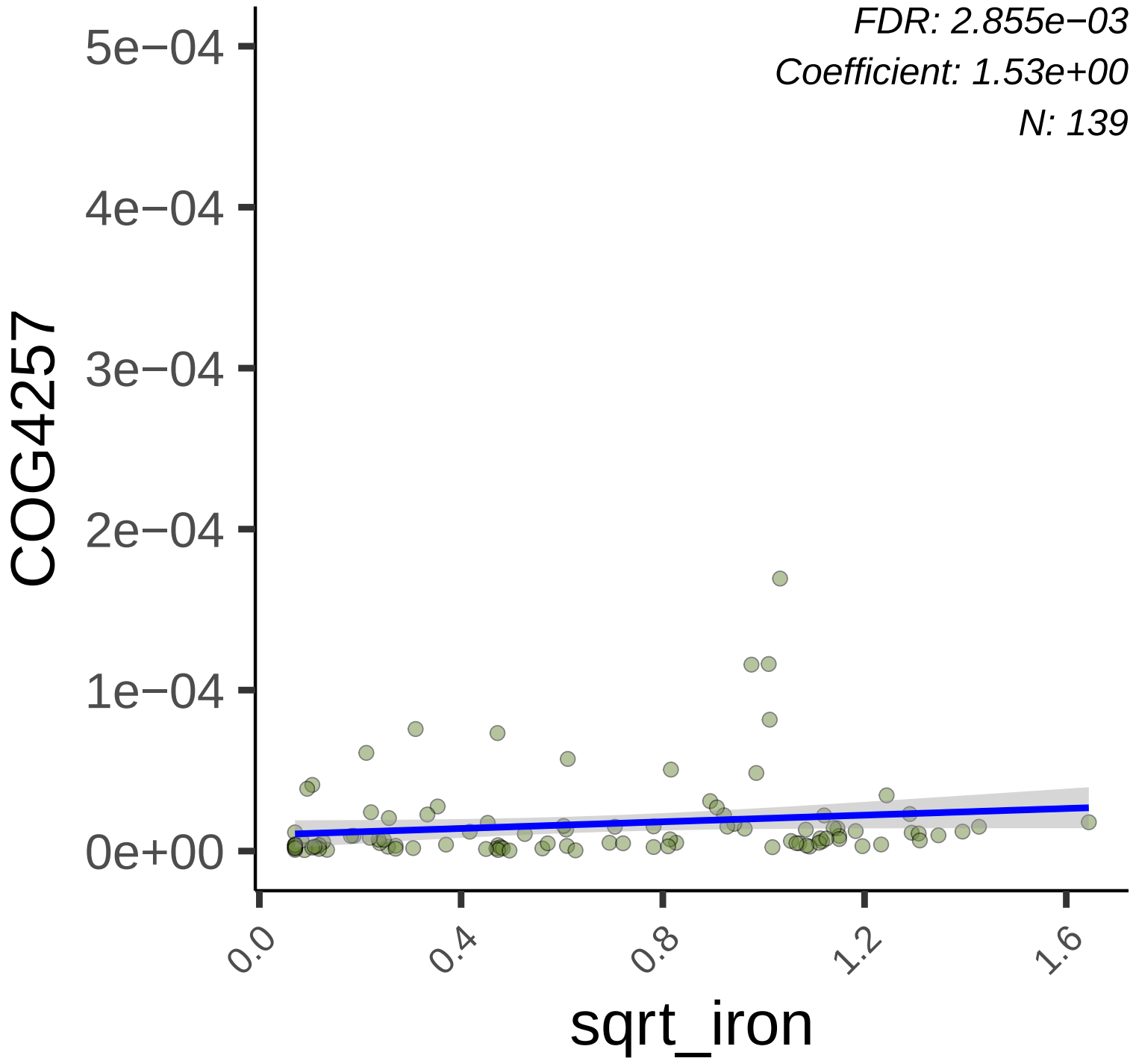
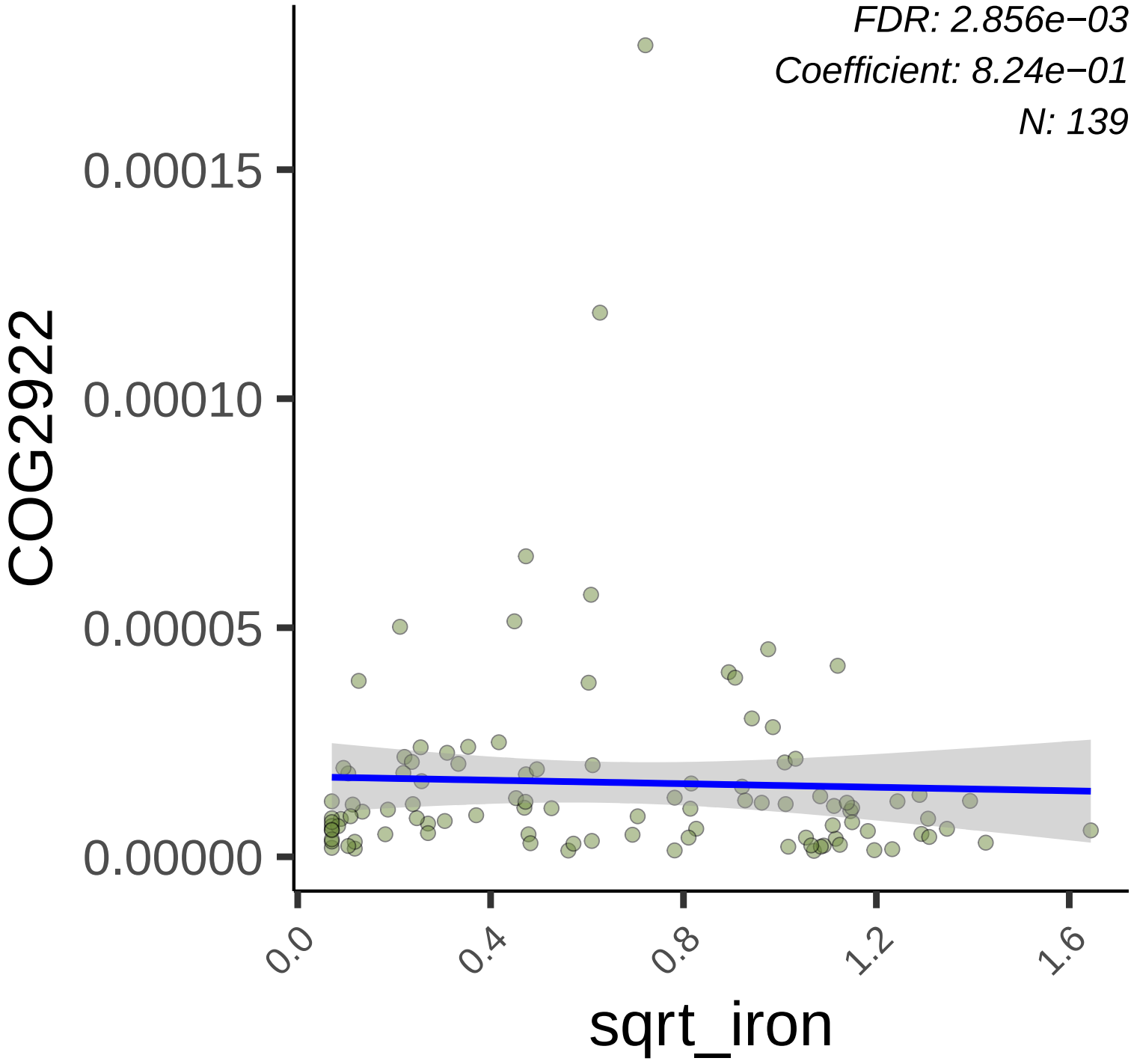
4e−05
2e−05
0e+00
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.855e−03
Coefficient: 1.53e+00
N: 139
COG4257
5e−04
4e−04
3e−04
2e−04
1e−04
0e+00
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.856e−03
Coefficient: 8.24e−01
N: 139
COG2922
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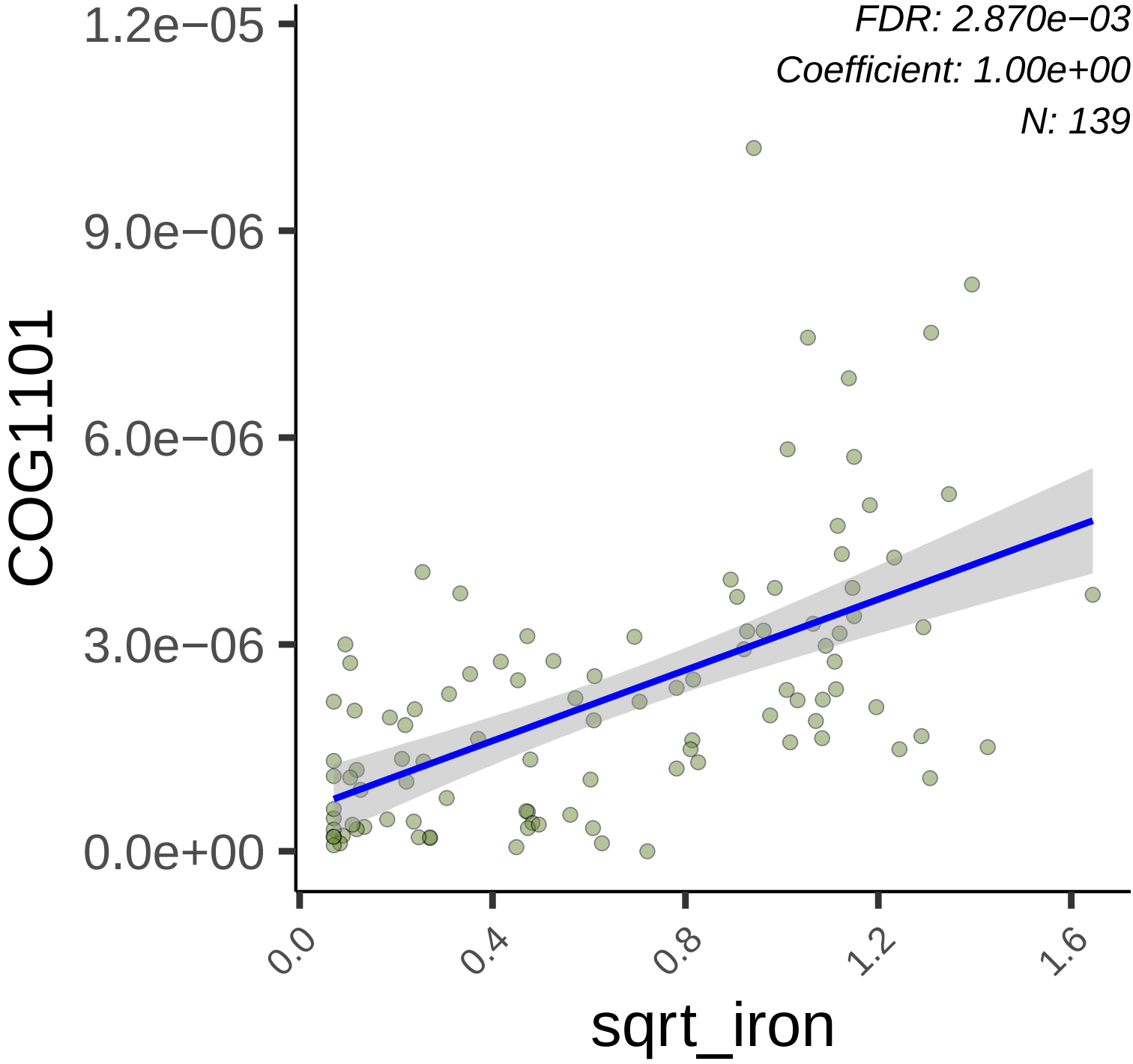
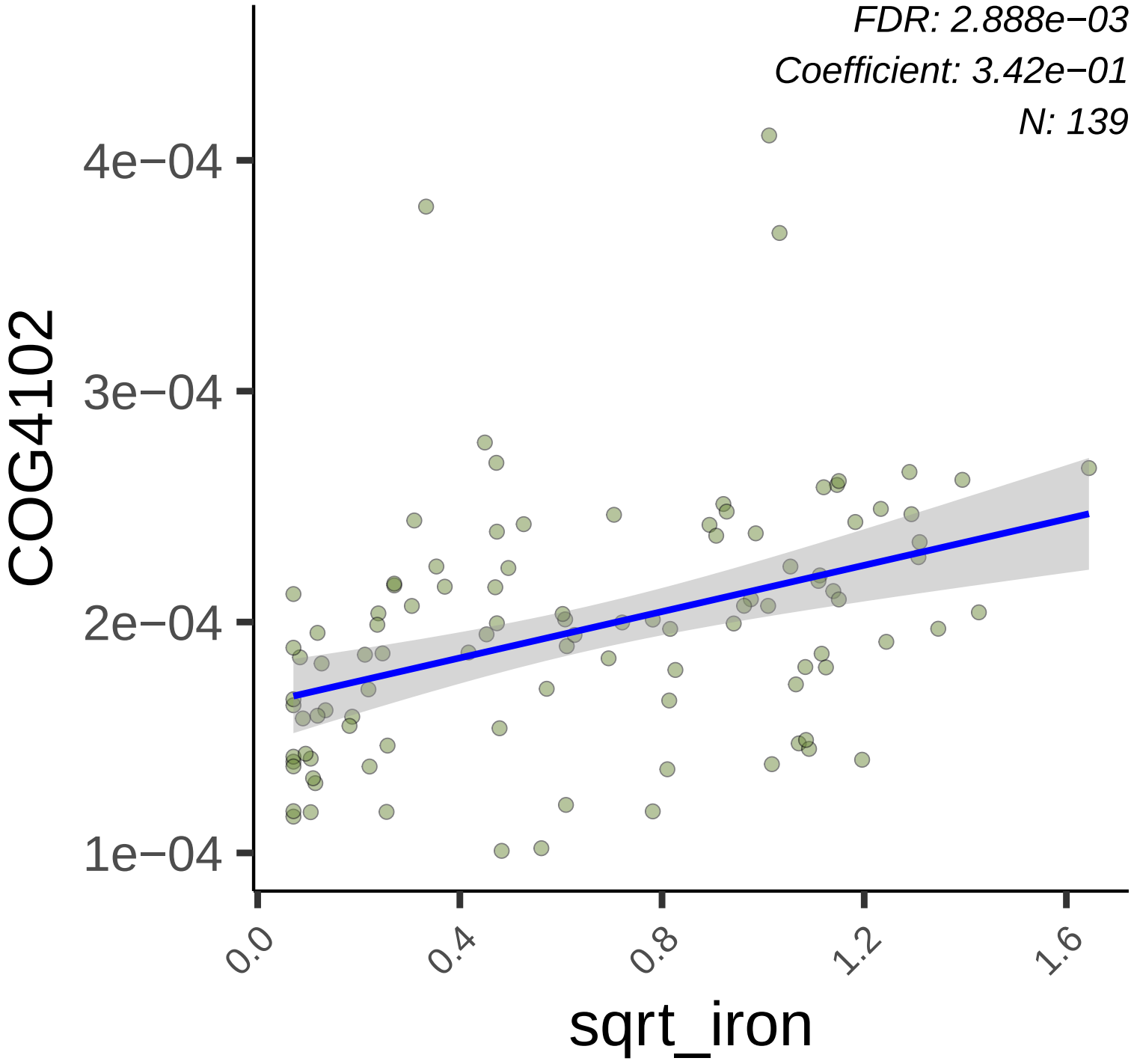
0.00010
0.00005
0.00000
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.870e−03
Coefficient: 1.00e+00
N: 139
1.2e−05
9.0e−06
6.0e−06
3.0e−06
0.0e+00
COG1101
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.888e−03
Coefficient: 3.42e−01
N: 139
COG4102
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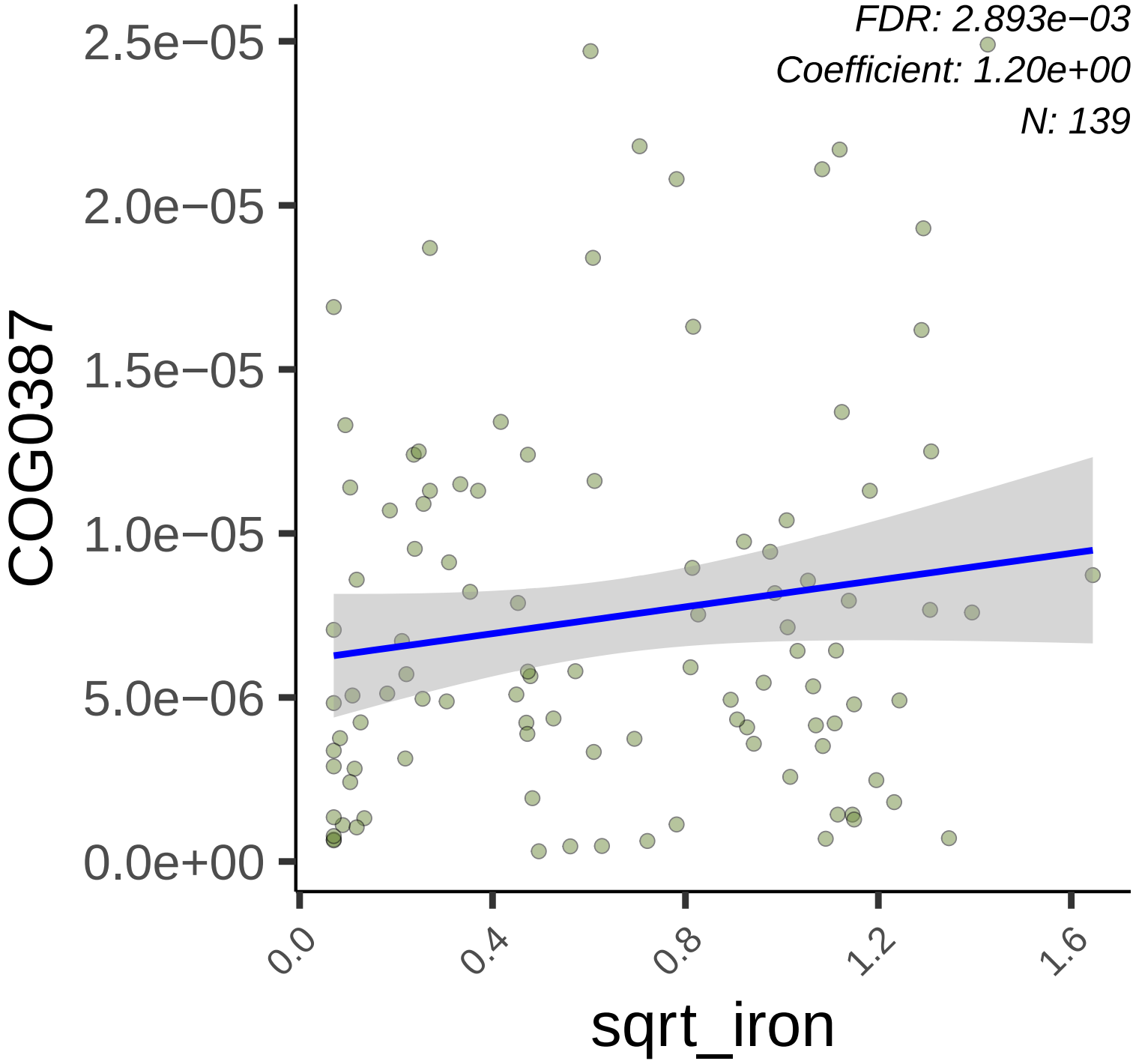
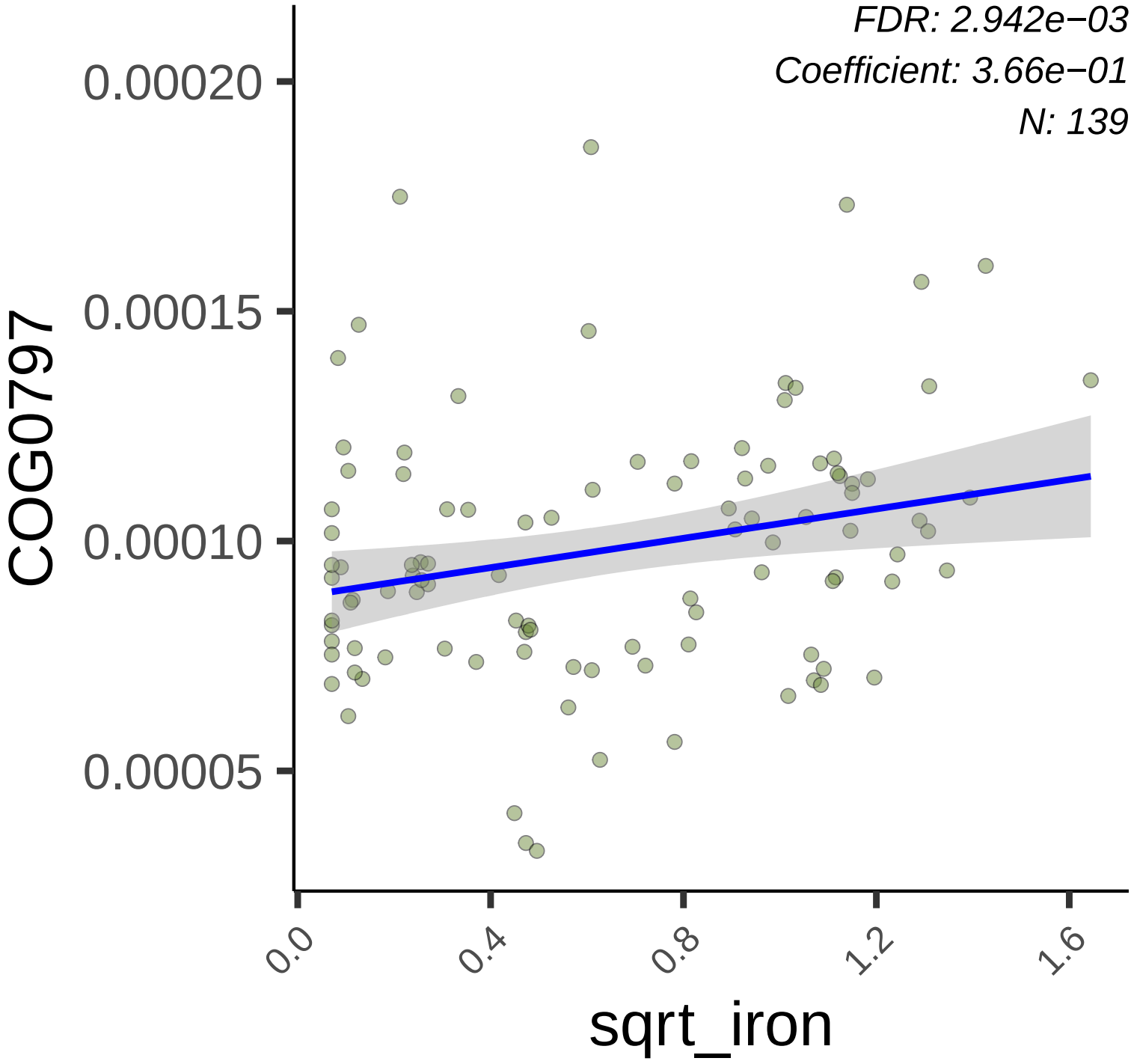
3e−04
2e−04
1e−04
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.893e−03
Coefficient: 1.20e+00
N: 139
COG0387
2.5e−05
2.0e−05
1.5e−05
1.0e−05
5.0e−06
0.0e+00
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.942e−03
Coefficient: 3.66e−01
N: 139
COG0797
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0.00015
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0.00005
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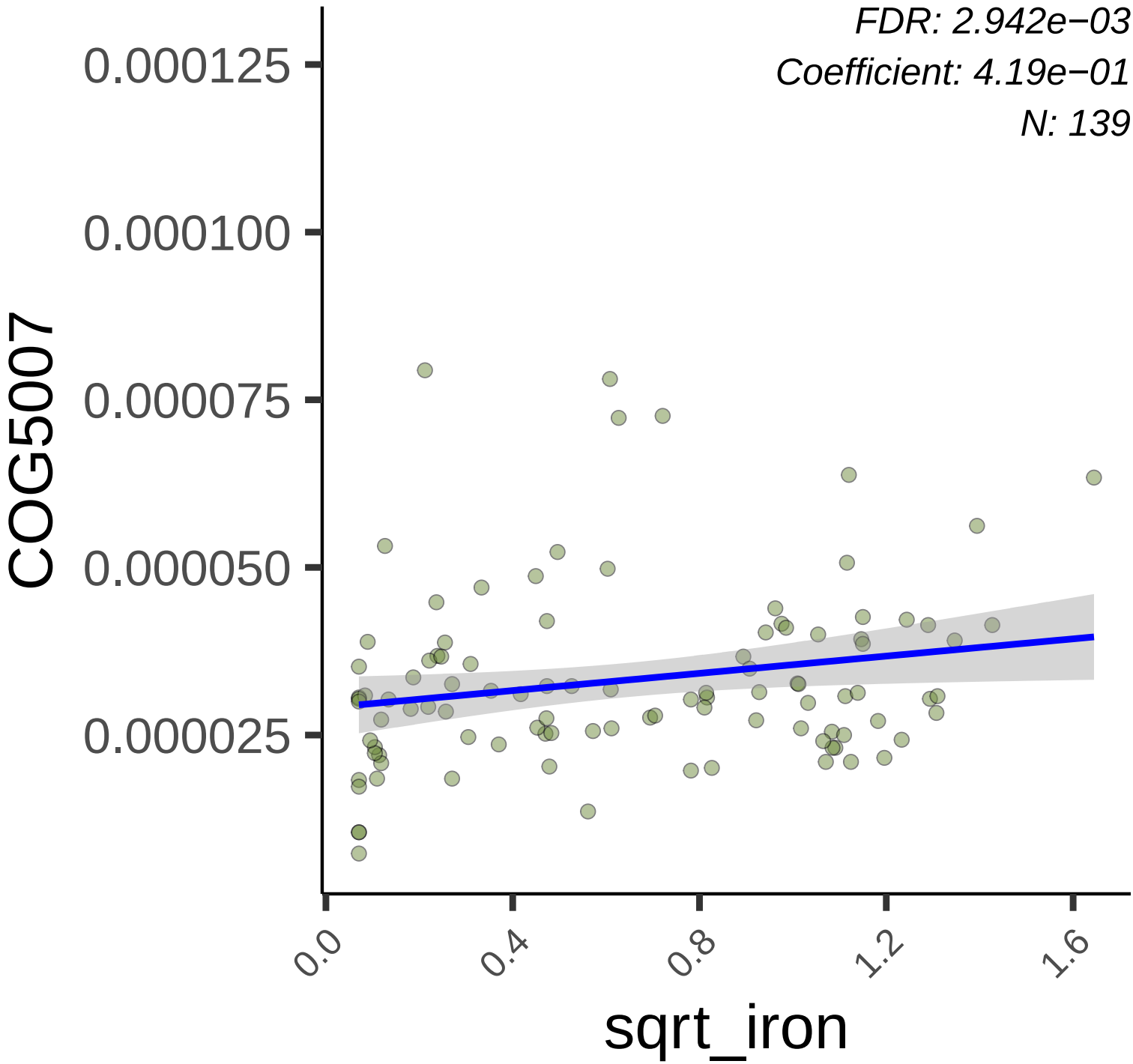
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.942e−03
Coefficient: 4.19e−01
N: 139
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0.000100
0.000075
0.000050
0.000025
COG5007
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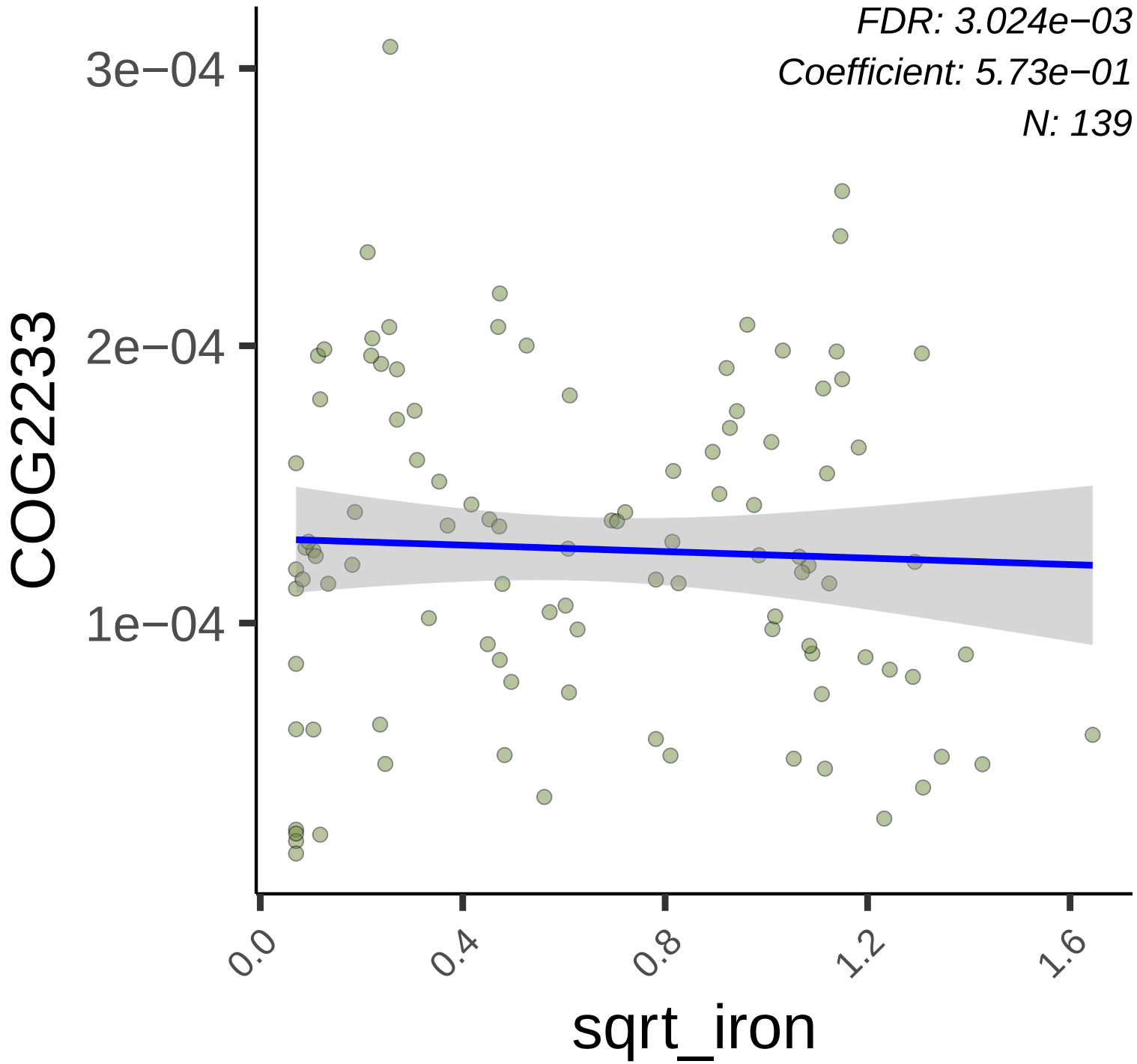
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.024e−03
Coefficient: 5.73e−01
N: 139
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2e−04
1e−04
COG2233
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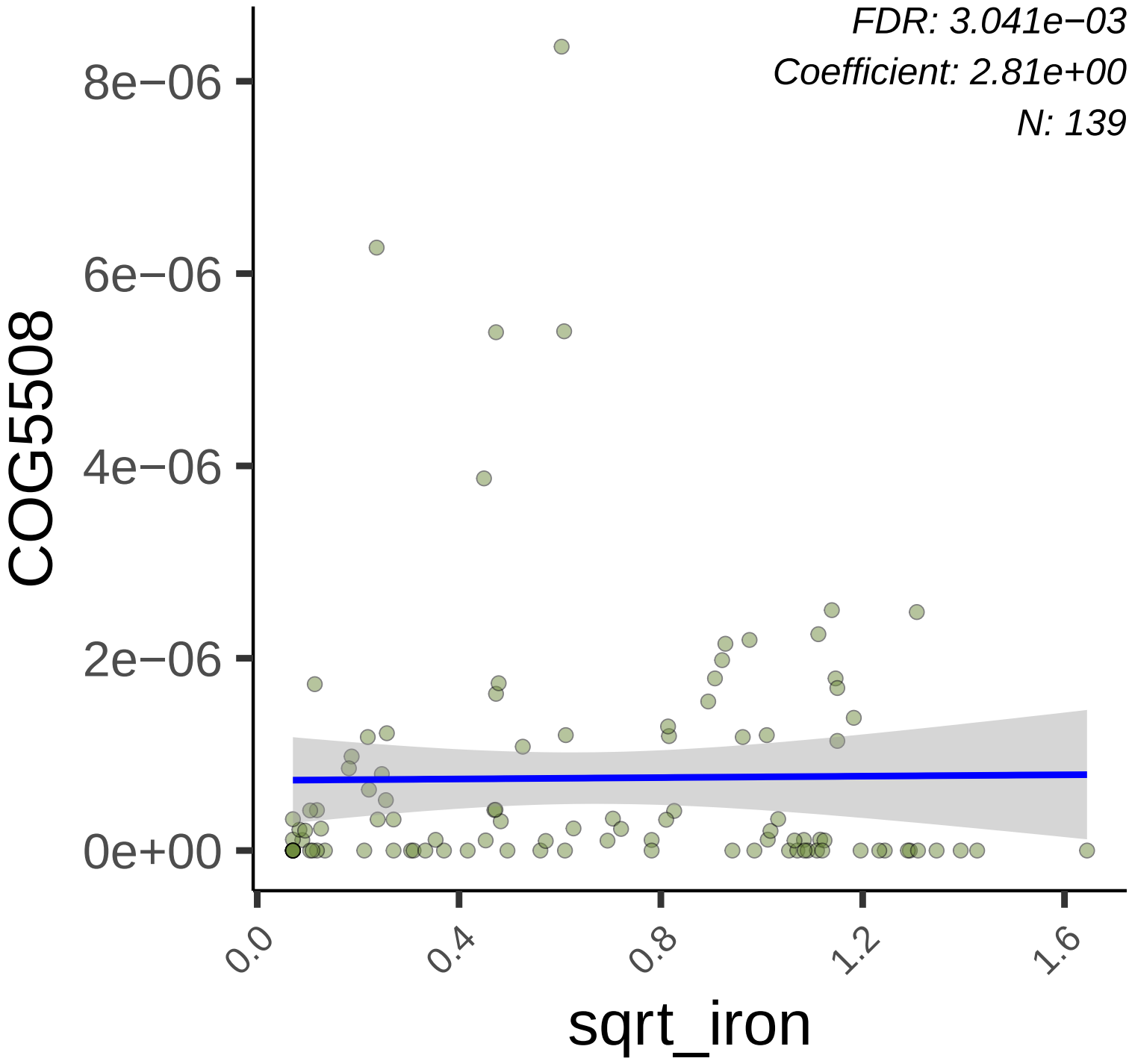
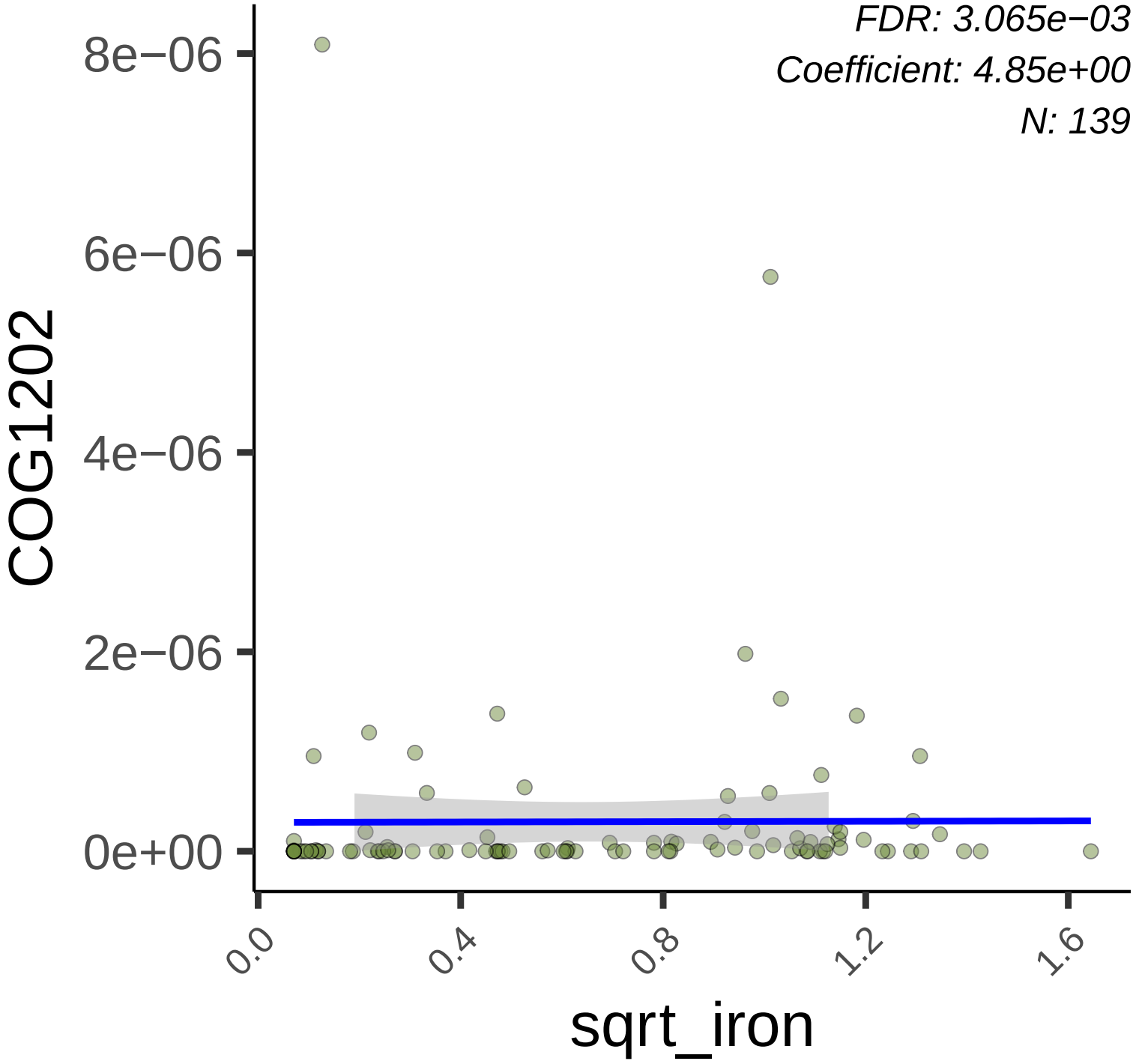
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.041e−03
Coefficient: 2.81e+00
N: 139
COG5508
8e−06
6e−06
4e−06
2e−06
0e+00
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.065e−03
Coefficient: 4.85e+00
N: 139
COG1202
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4e−06
2e−06
0e+00
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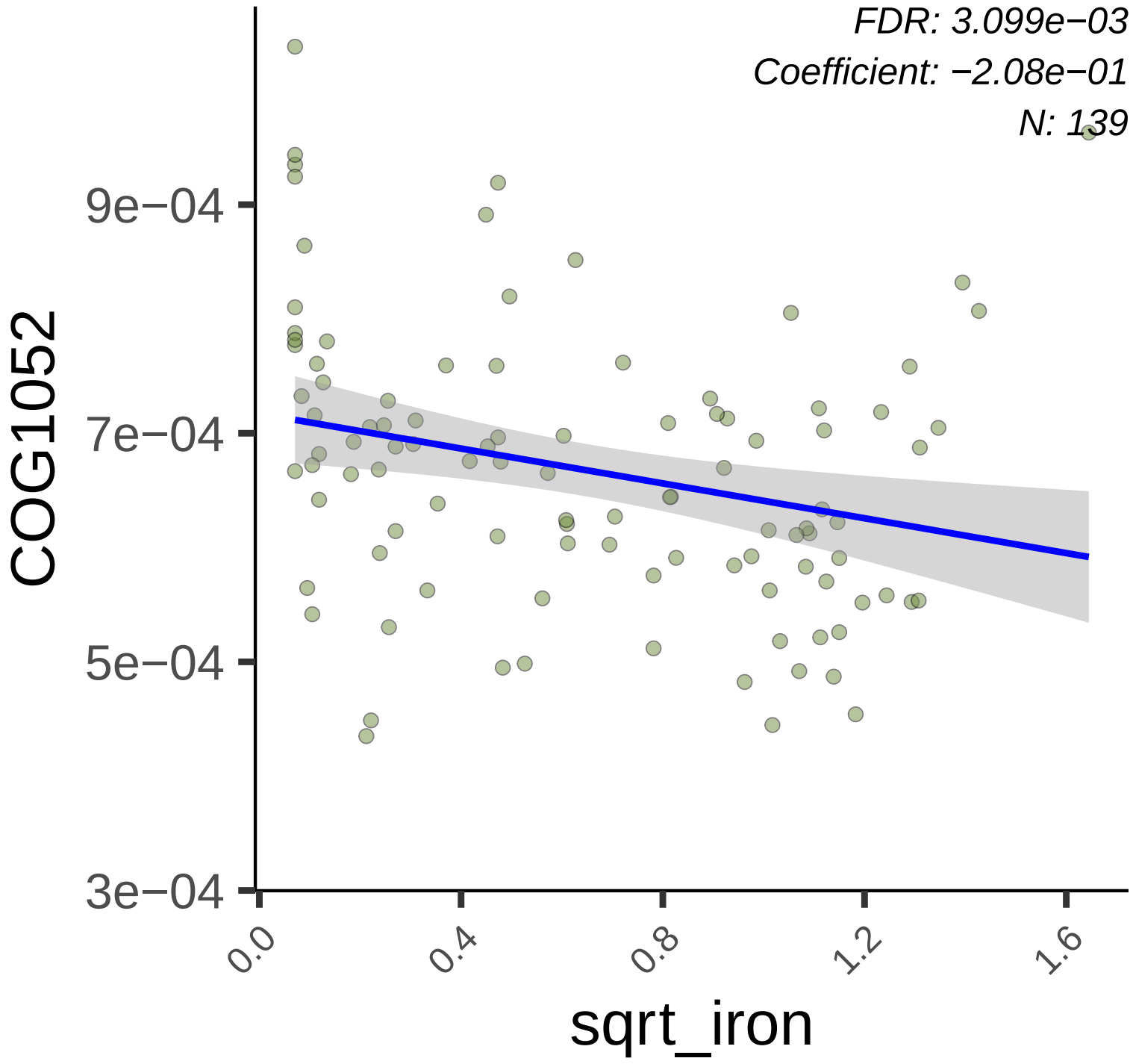
0.8
1.2
1.6
sqrt_iron


FDR: 3.099e−03
Coefficient: −2.08e−01
N: 139
COG1052
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7e−04
5e−04
3e−04
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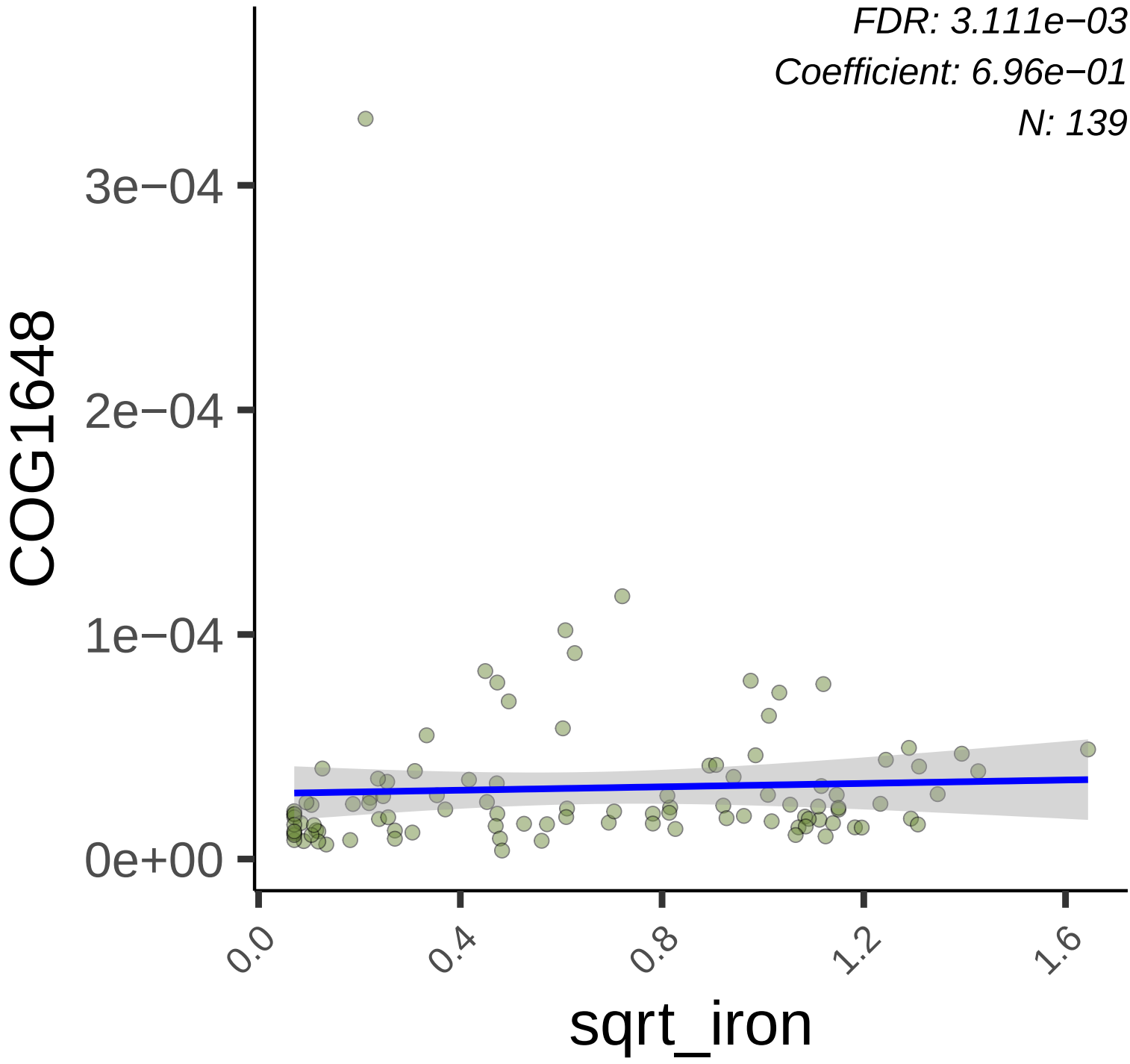
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.111e−03
Coefficient: 6.96e−01
N: 139
COG1648
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2e−04
1e−04
0e+00
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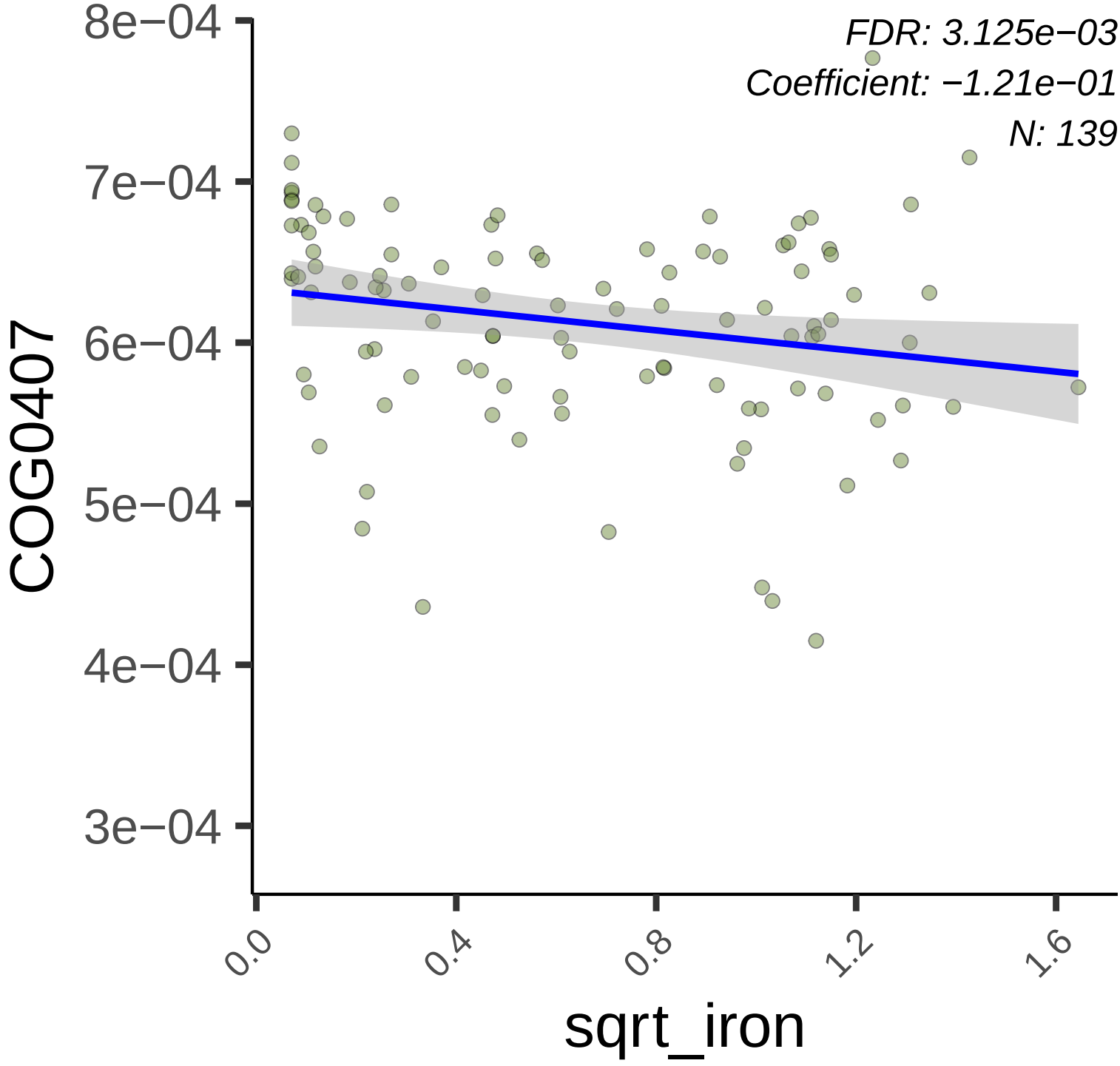
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.125e−03
Coefficient: −1.21e−01
N: 139
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7e−04
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5e−04
4e−04
3e−04
COG0407
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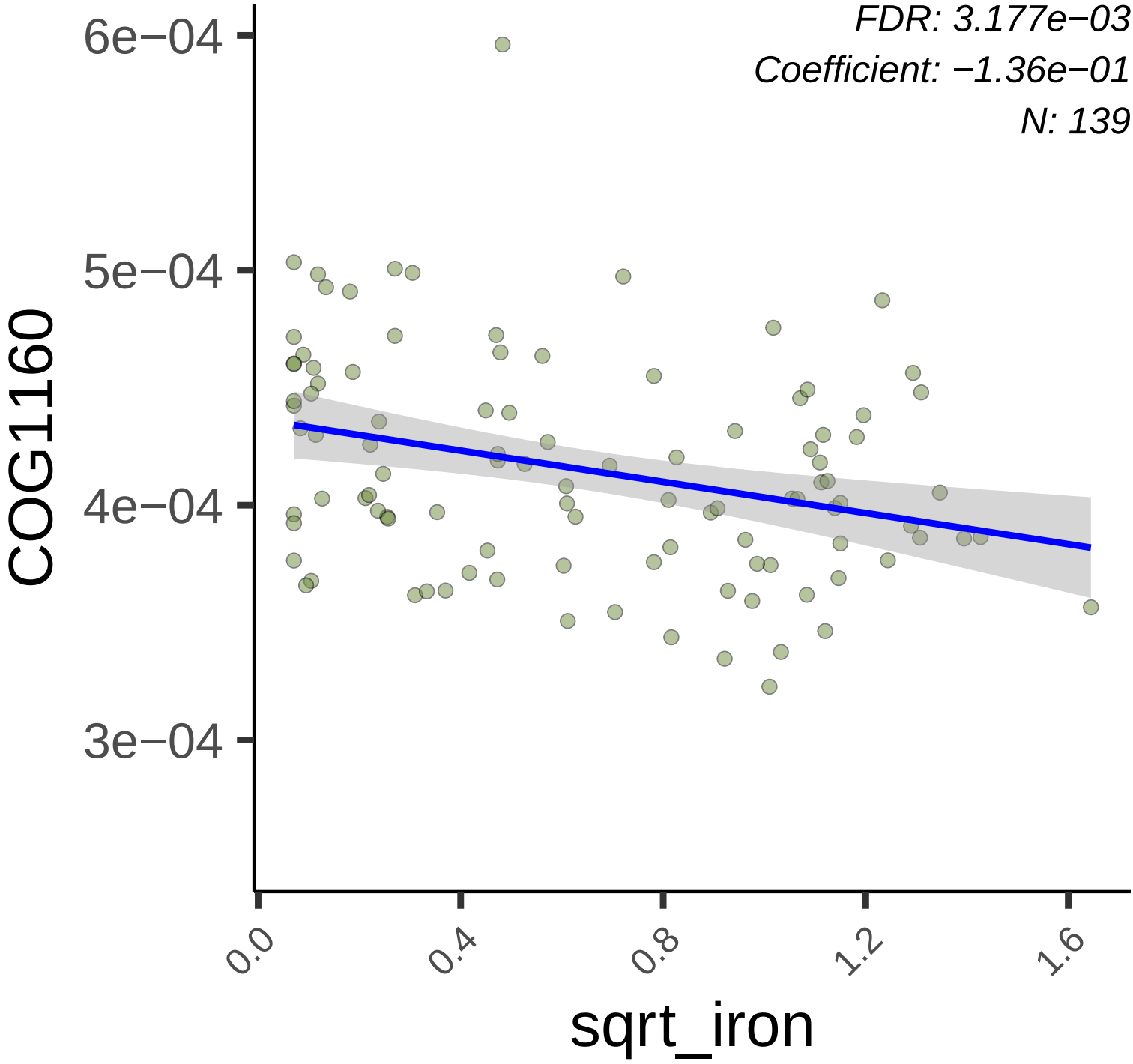
0.8
1.2
1.6
sqrt_iron


FDR: 3.177e−03
Coefficient: −1.36e−01
N: 139
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4e−04
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COG1160
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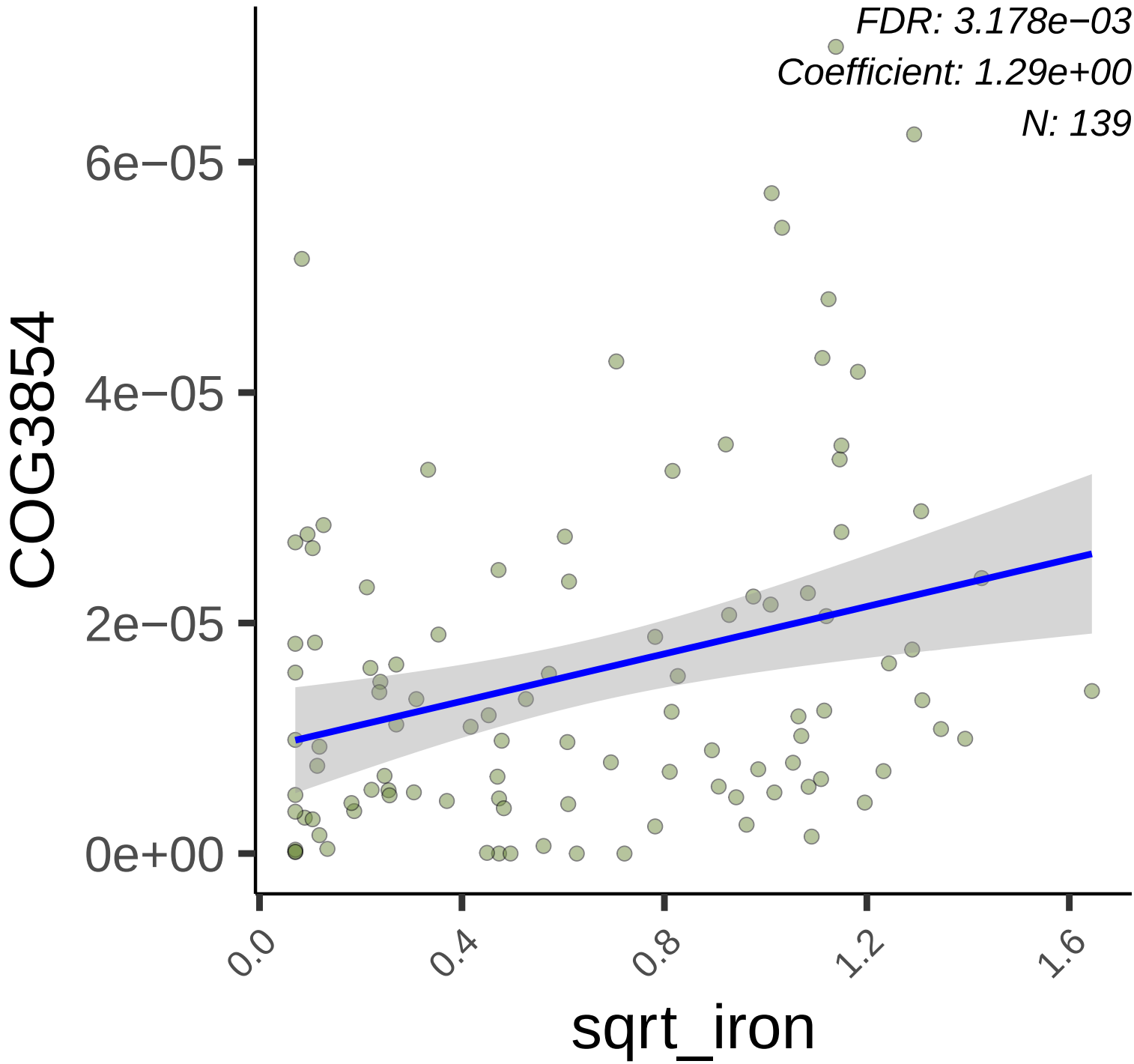
1.2
1.6
sqrt_iron


FDR: 3.178e−03
Coefficient: 1.29e+00
N: 139
COG3854
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4e−05
2e−05
0e+00
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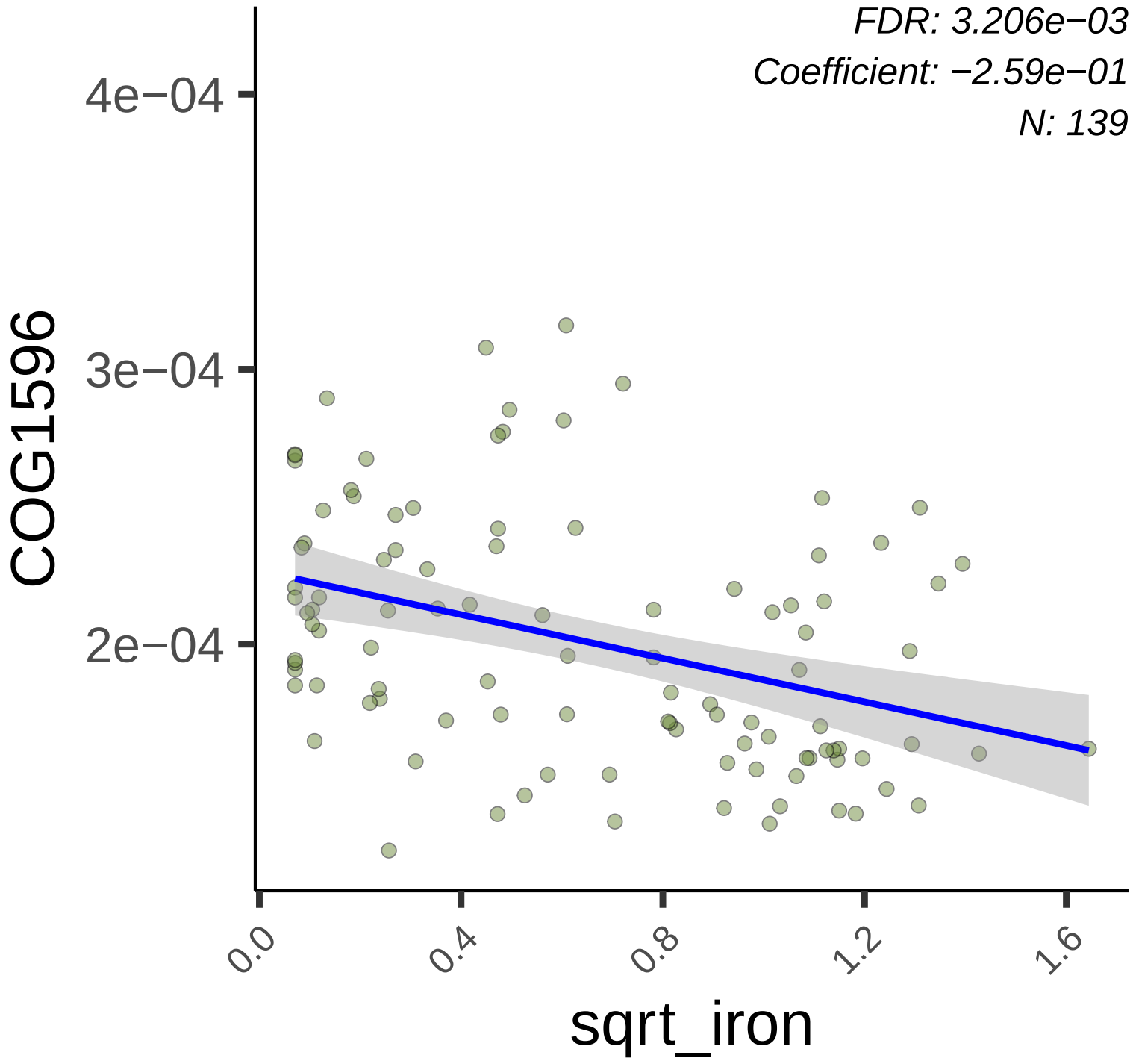
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.206e−03
Coefficient: −2.59e−01
N: 139
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3e−04
2e−04
COG1596
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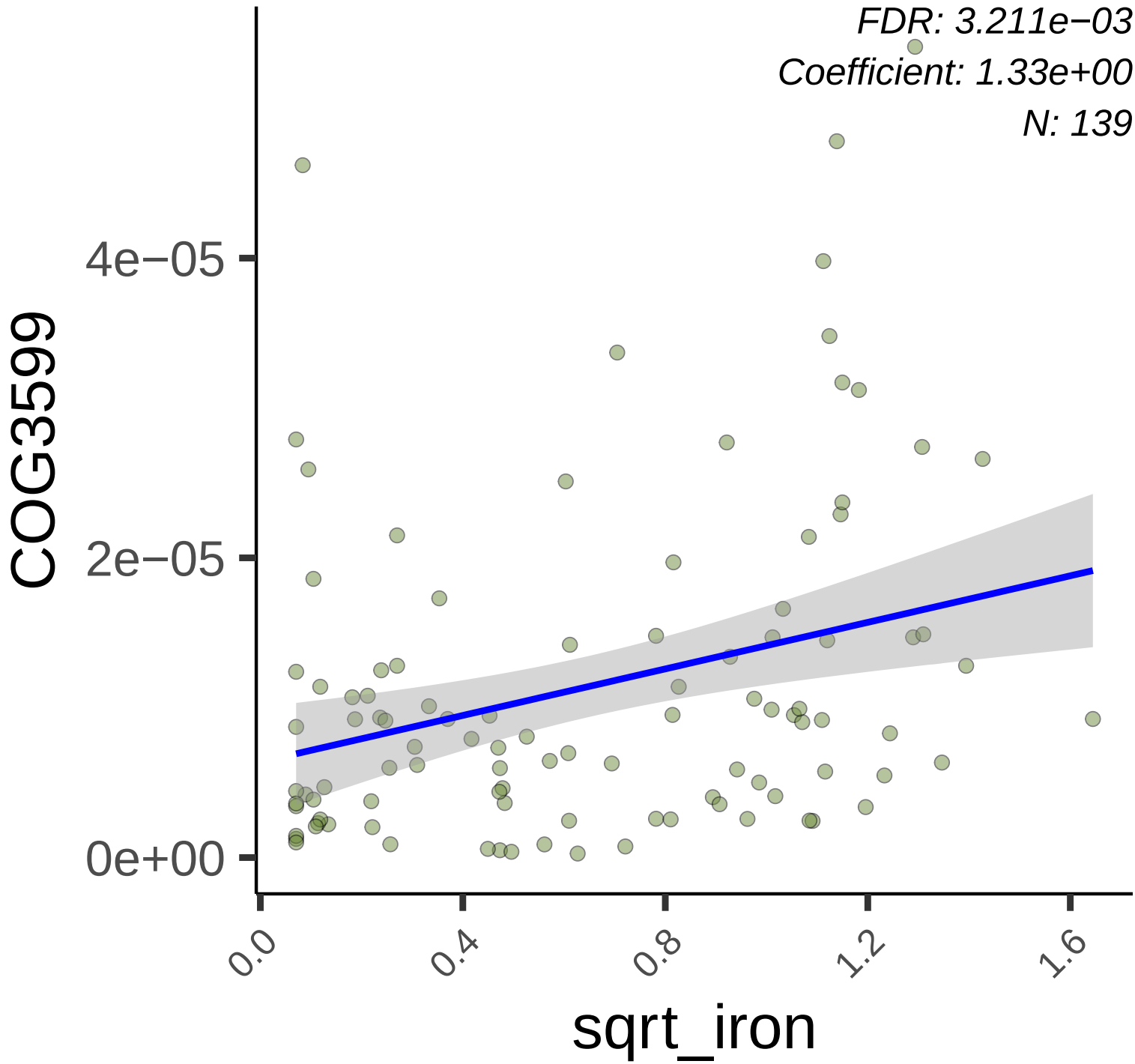
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.211e−03
Coefficient: 1.33e+00
N: 139
COG3599
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2e−05
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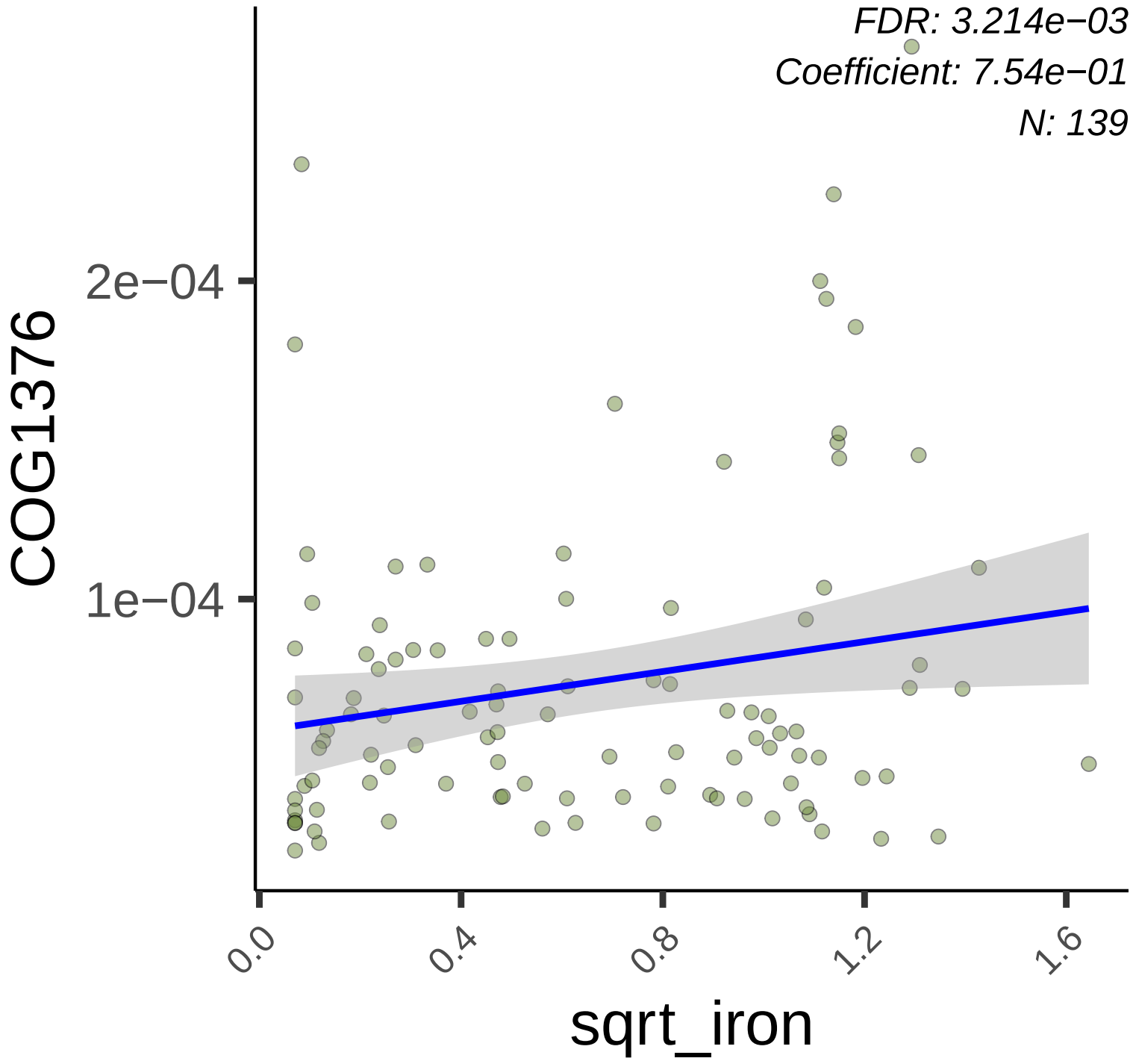
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.214e−03
Coefficient: 7.54e−01
N: 139
COG1376
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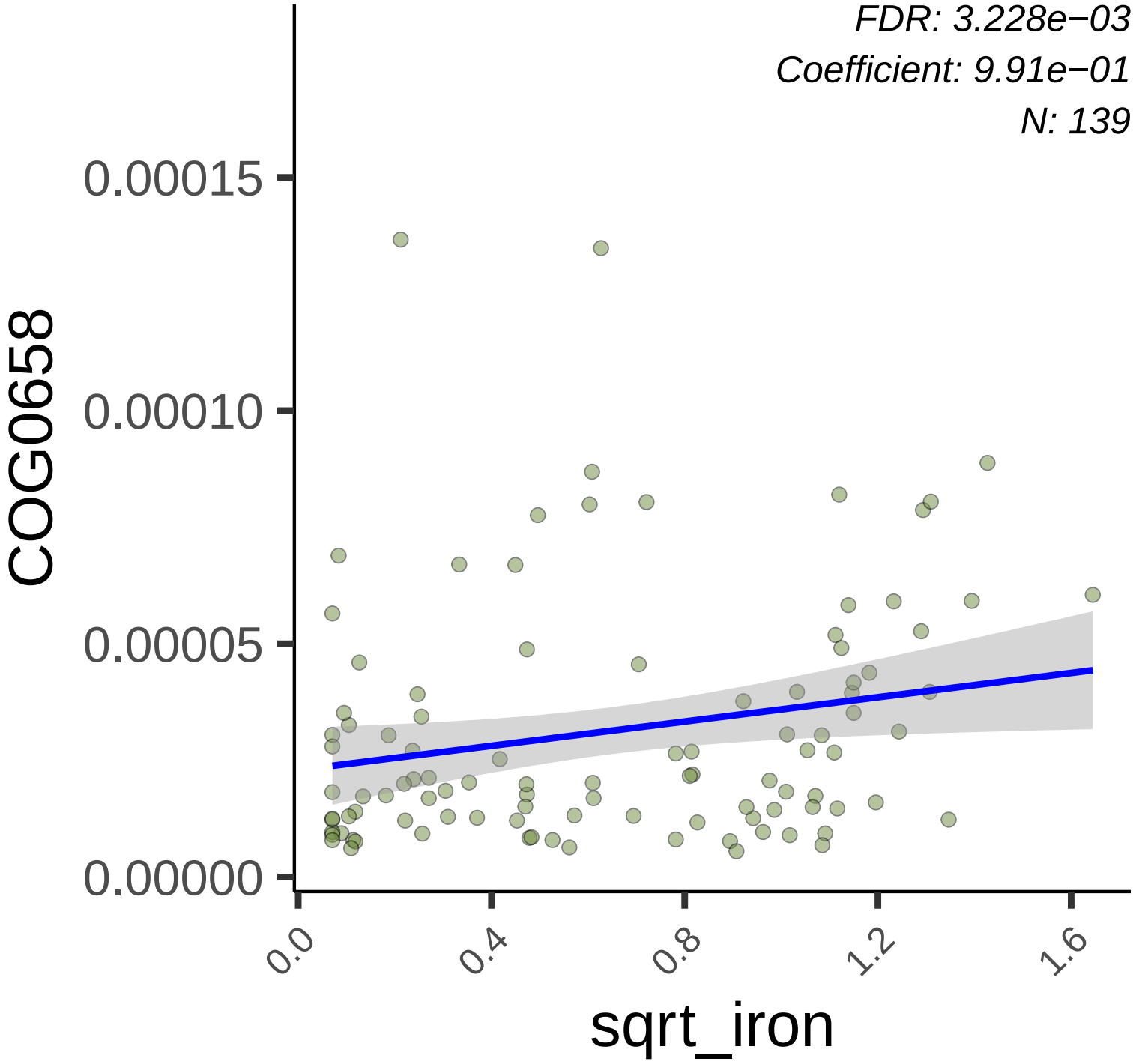
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.228e−03
Coefficient: 9.91e−01
N: 139
COG0658
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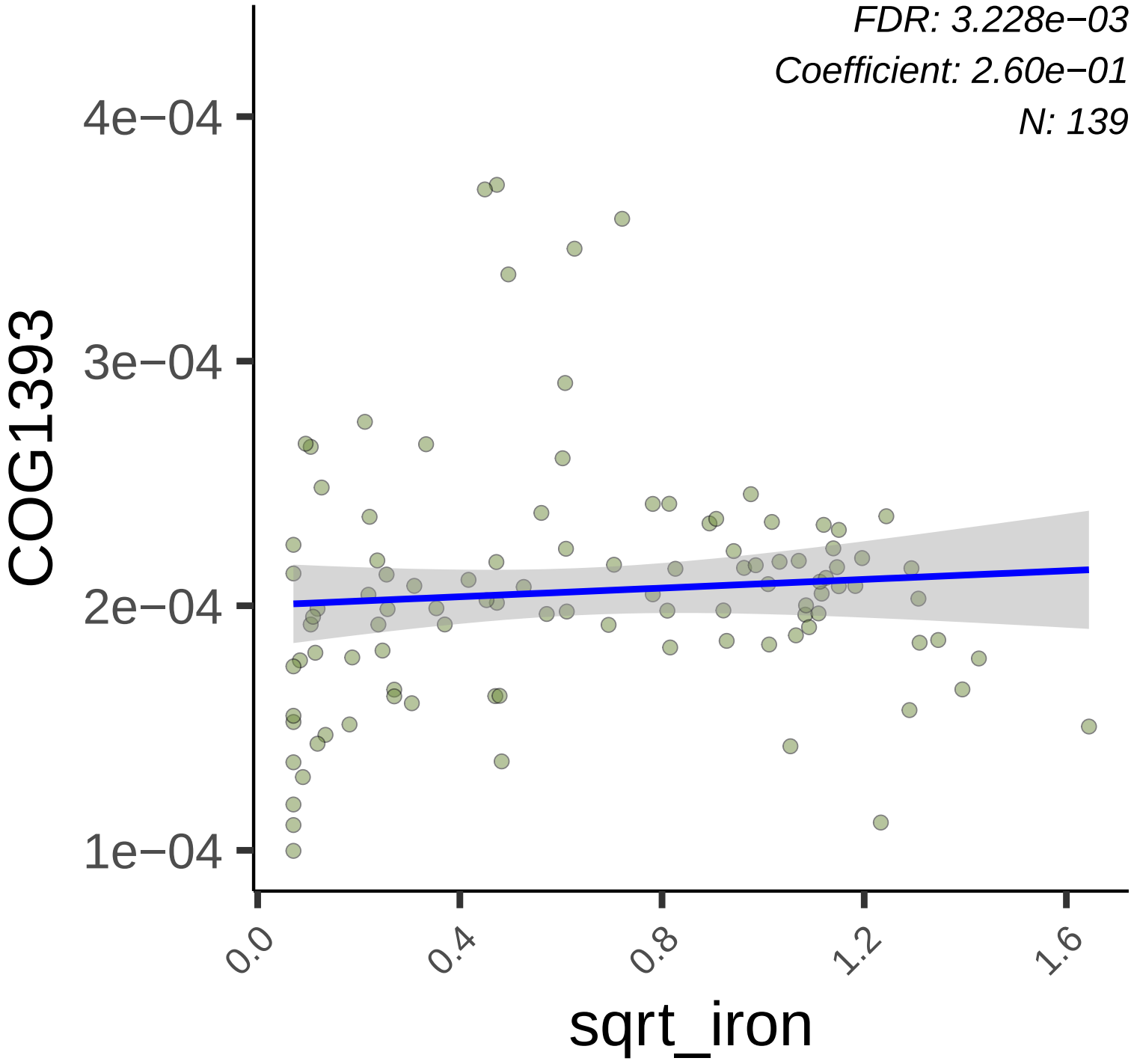
0.00005
0.00000
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.228e−03
Coefficient: 2.60e−01
N: 139
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COG1393
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0.4
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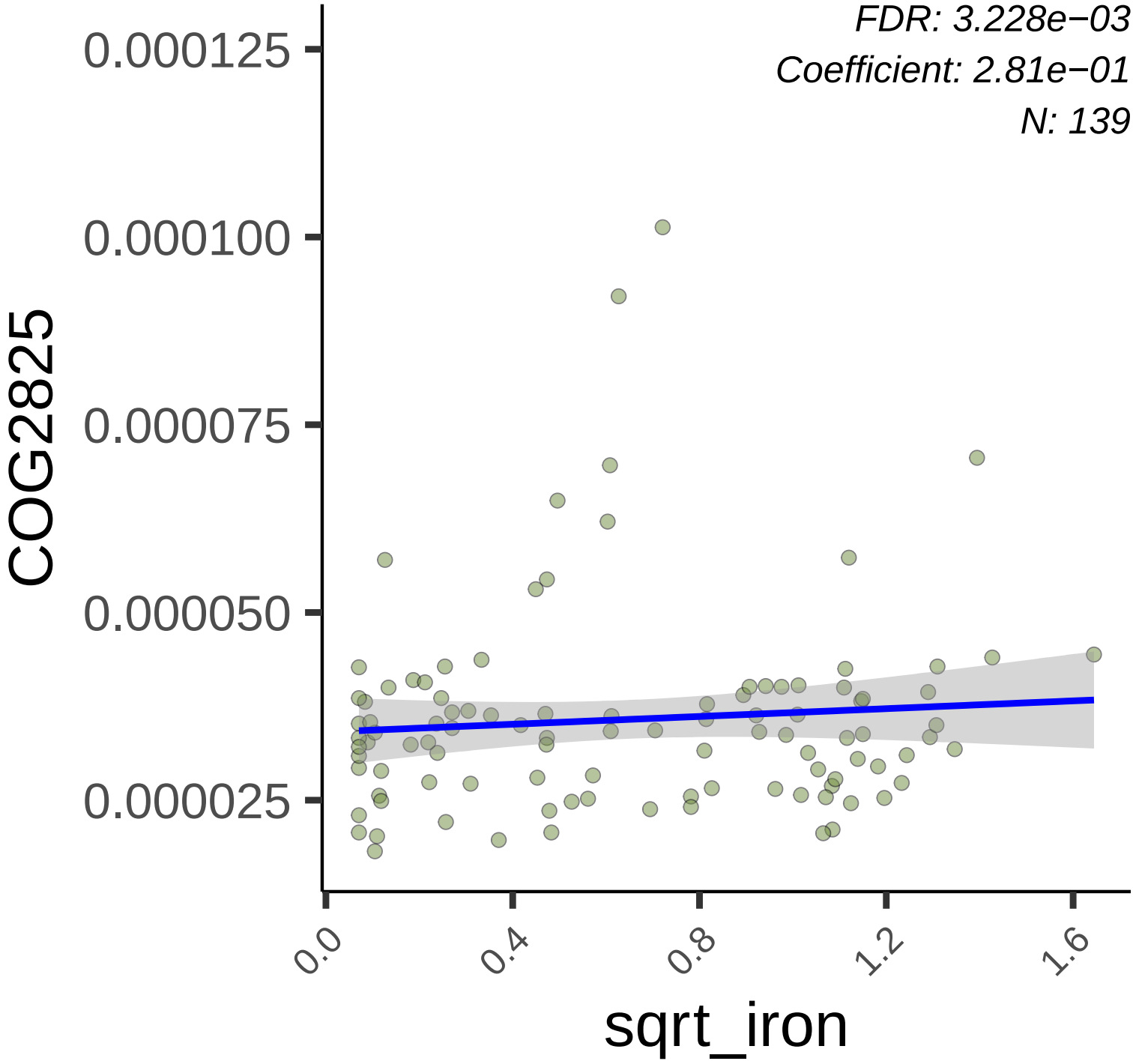
1.6
sqrt_iron


FDR: 3.228e−03
Coefficient: 2.81e−01
N: 139
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COG2825
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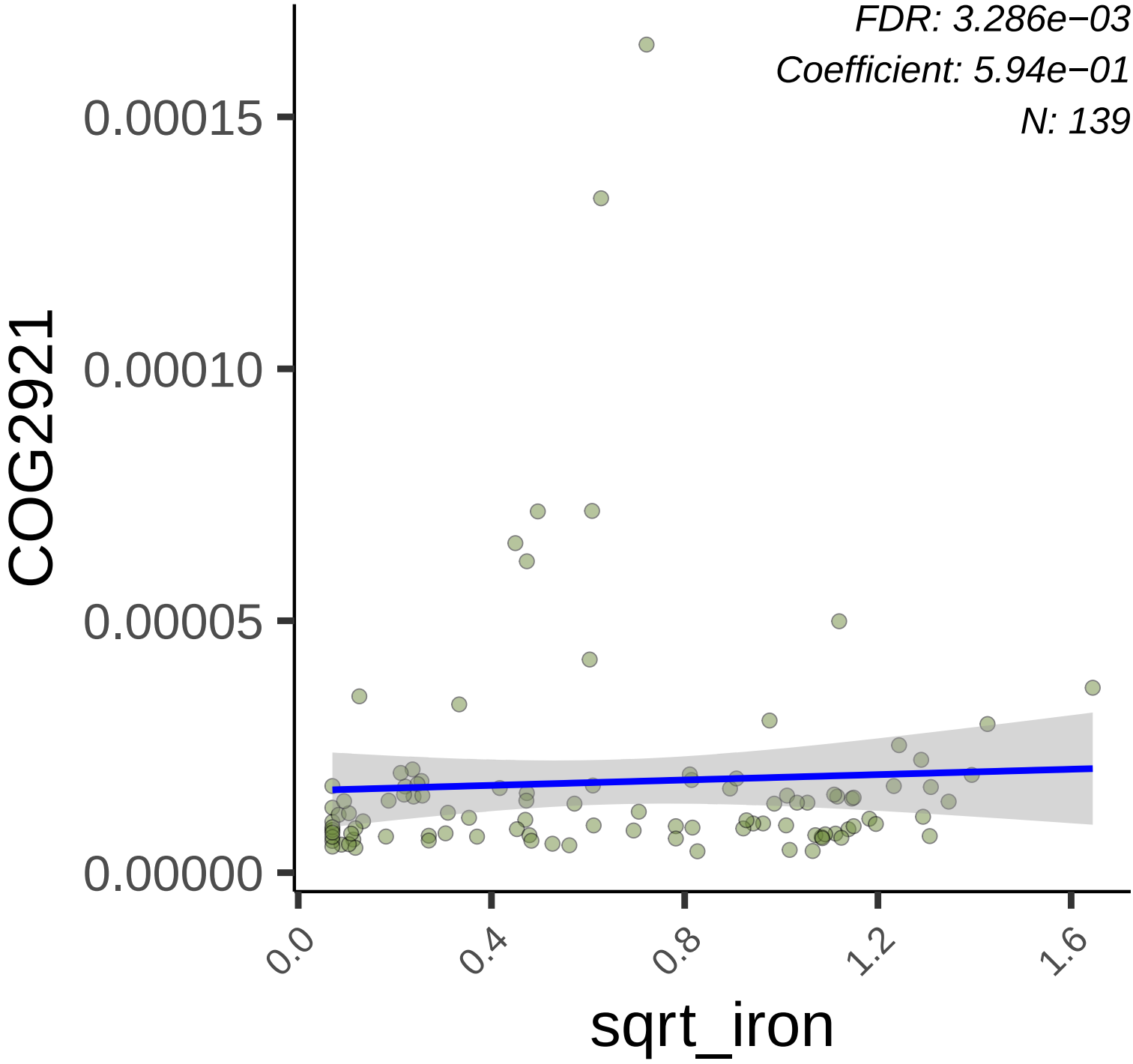
1.6
sqrt_iron


FDR: 3.286e−03
Coefficient: 5.94e−01
N: 139
COG2921
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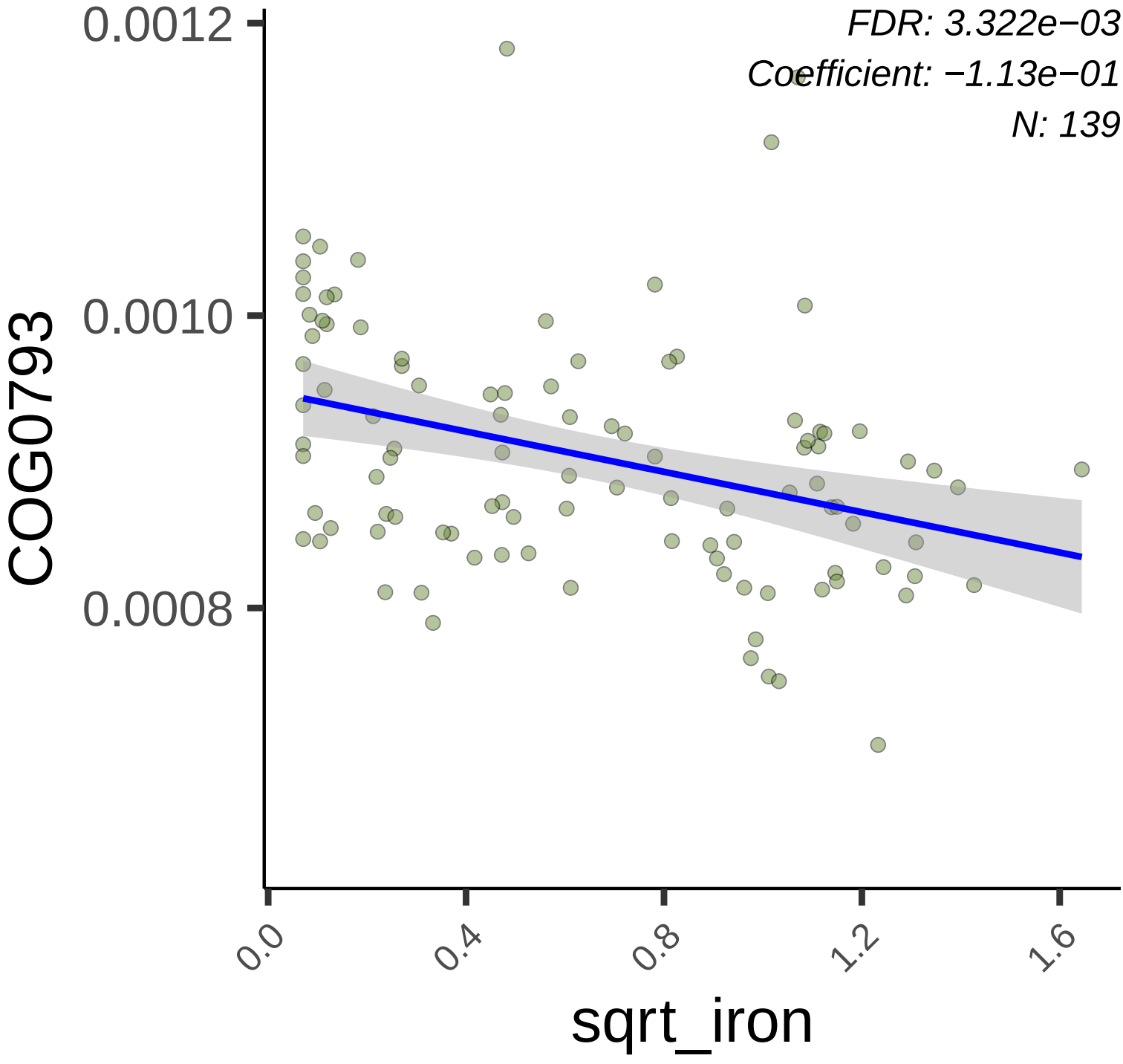
1.6
sqrt_iron


FDR: 3.322e−03
Coefficient: −1.13e−01
N: 139
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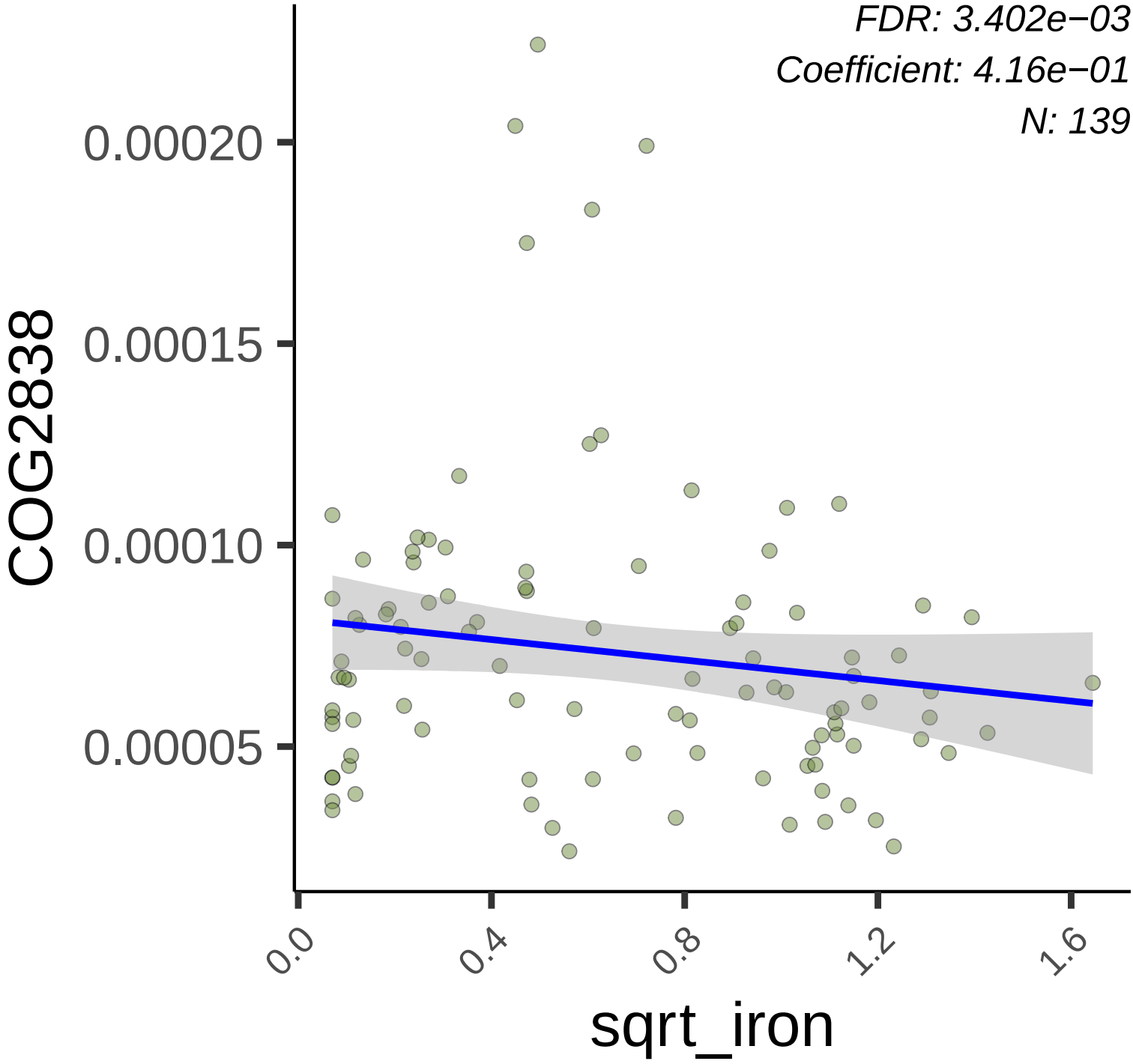
1.6
sqrt_iron


FDR: 3.402e−03
Coefficient: 4.16e−01
N: 139
COG2838
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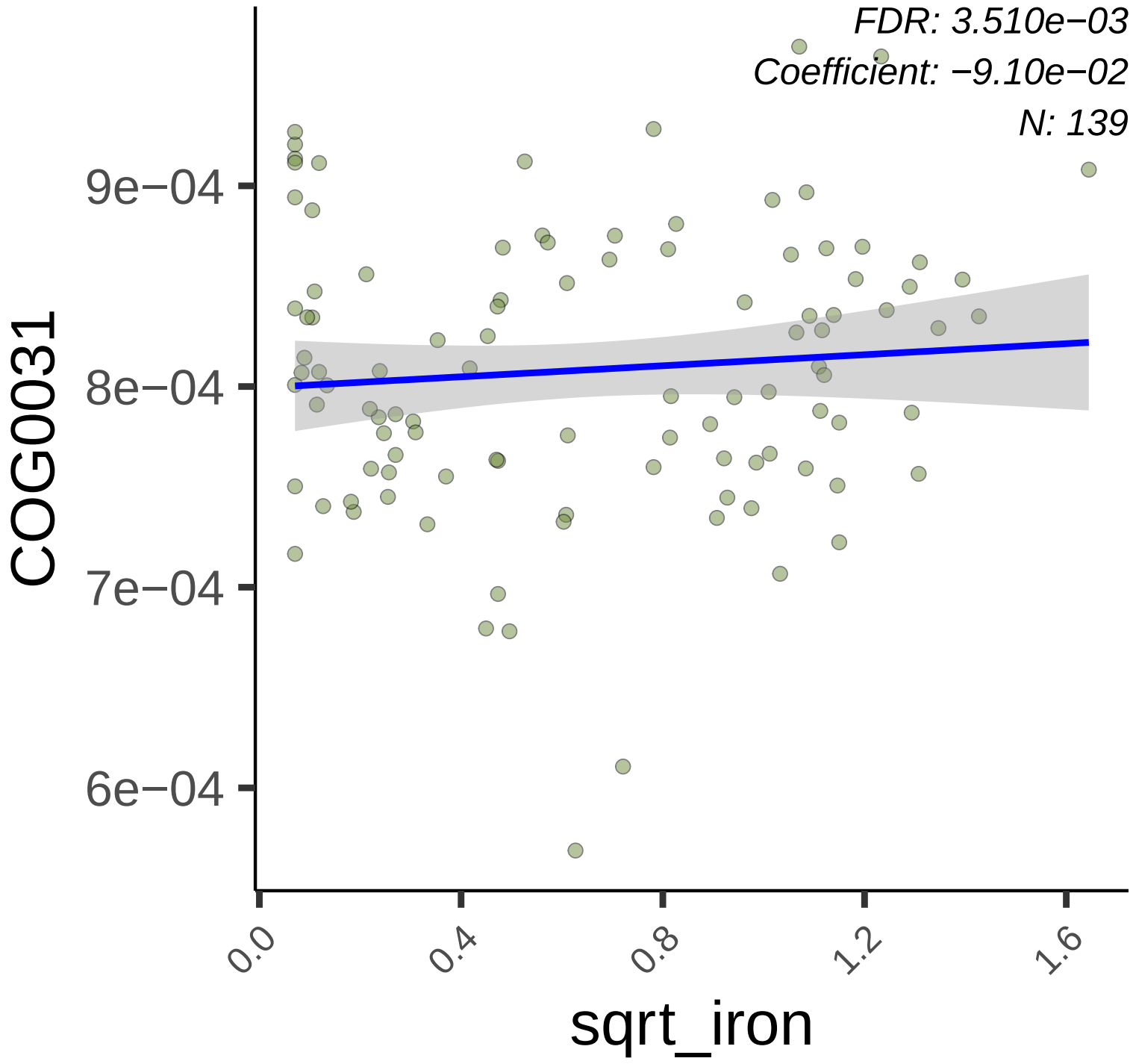
1.6
sqrt_iron


FDR: 3.510e−03
Coefficient: −9.10e−02
N: 139
COG0031
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0.4
0.8
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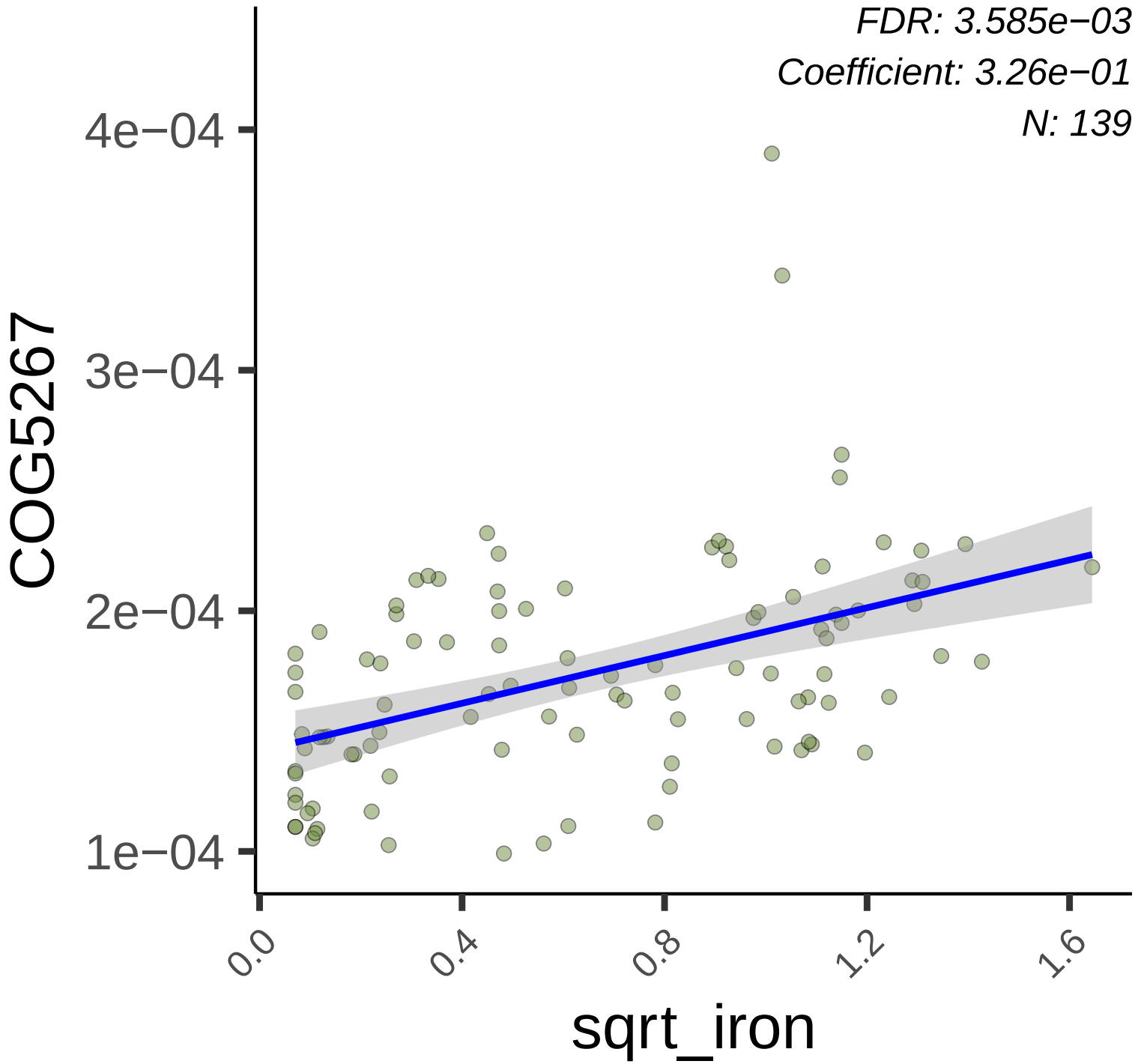
1.6
sqrt_iron


FDR: 3.585e−03
Coefficient: 3.26e−01
N: 139
COG5267
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3e−04
2e−04
1e−04
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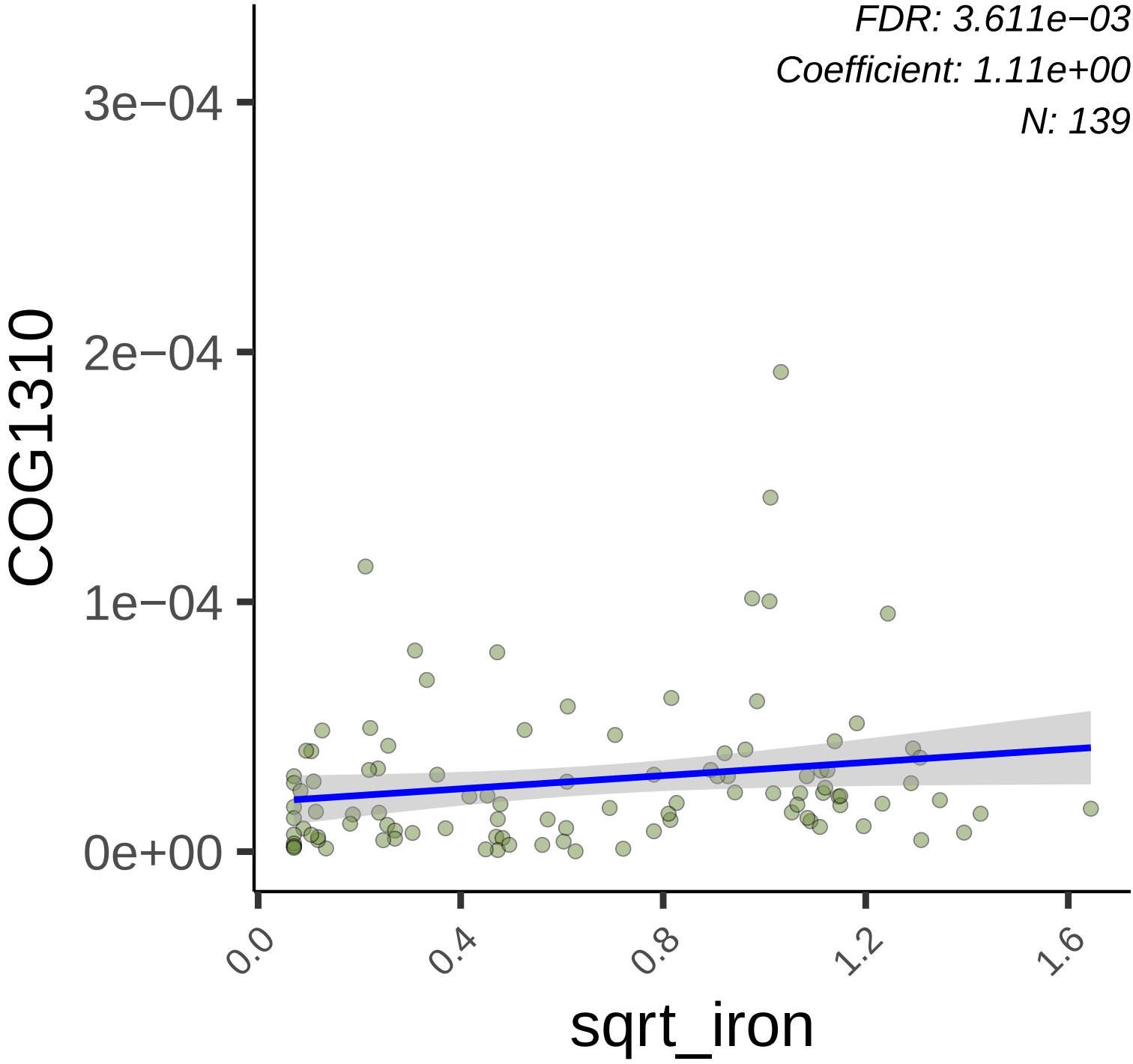
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.611e−03
Coefficient: 1.11e+00
N: 139
COG1310
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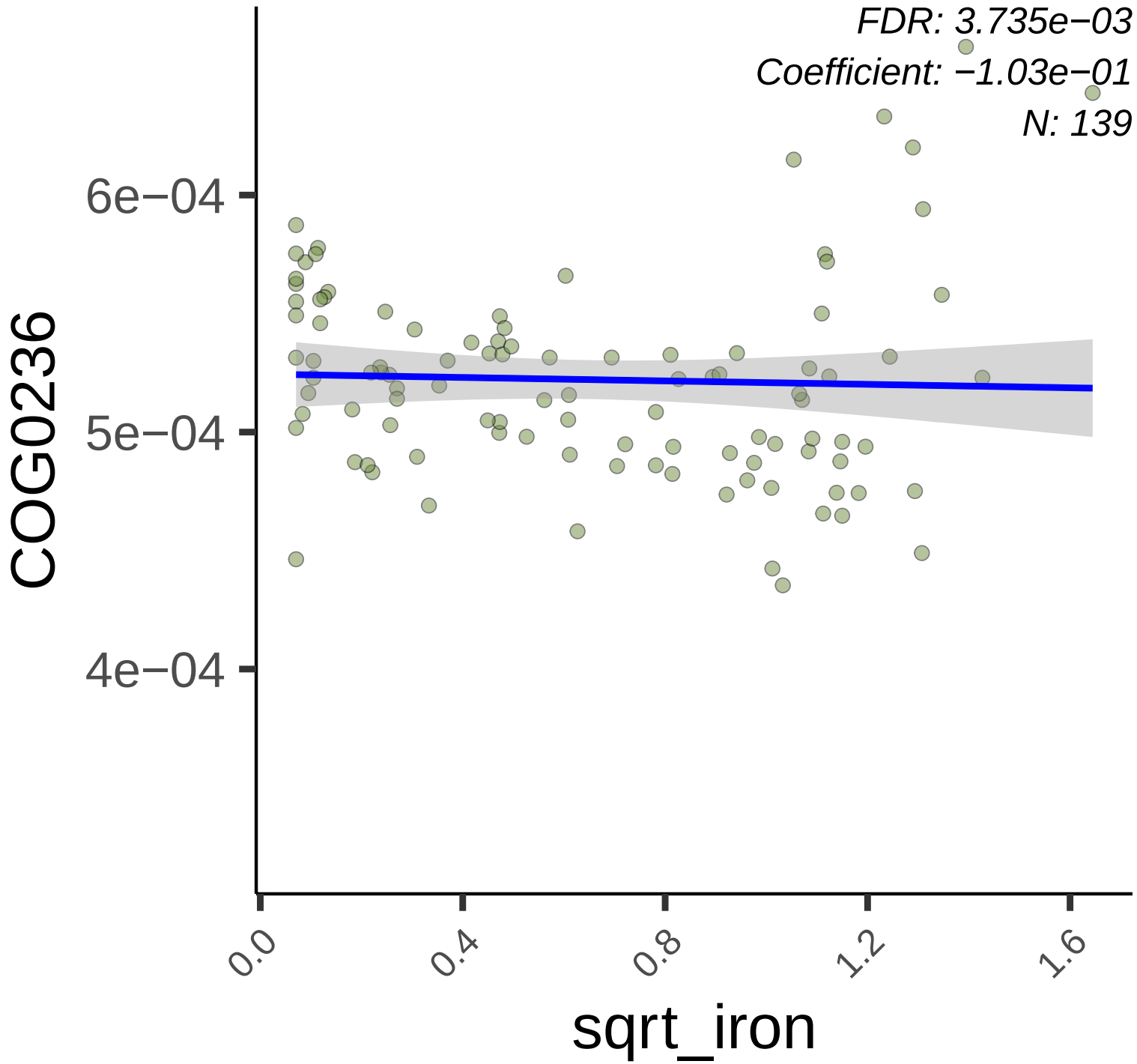
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.735e−03
Coefficient: −1.03e−01
N: 139
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5e−04
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COG0236
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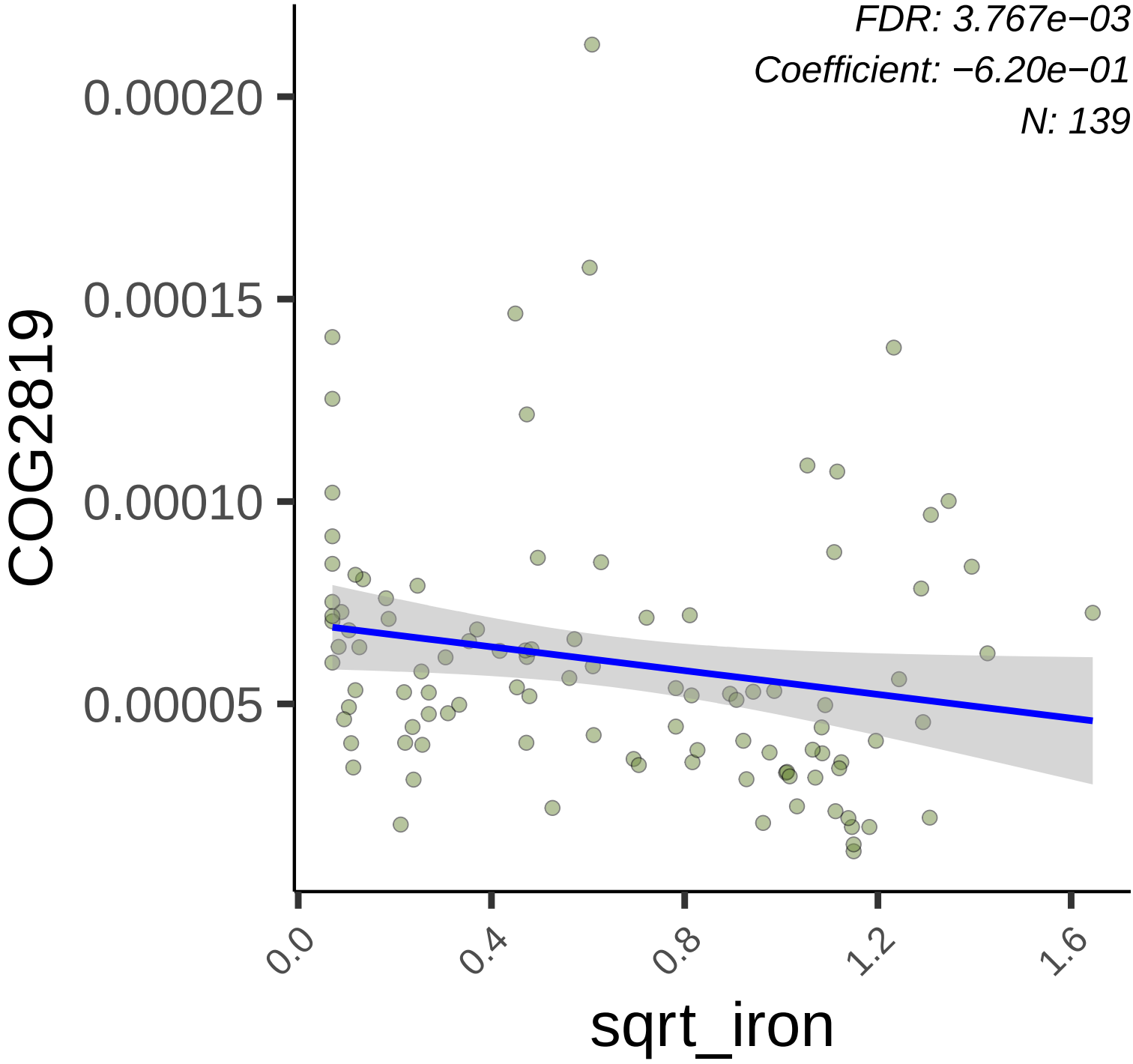
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.767e−03
Coefficient: −6.20e−01
N: 139
COG2819
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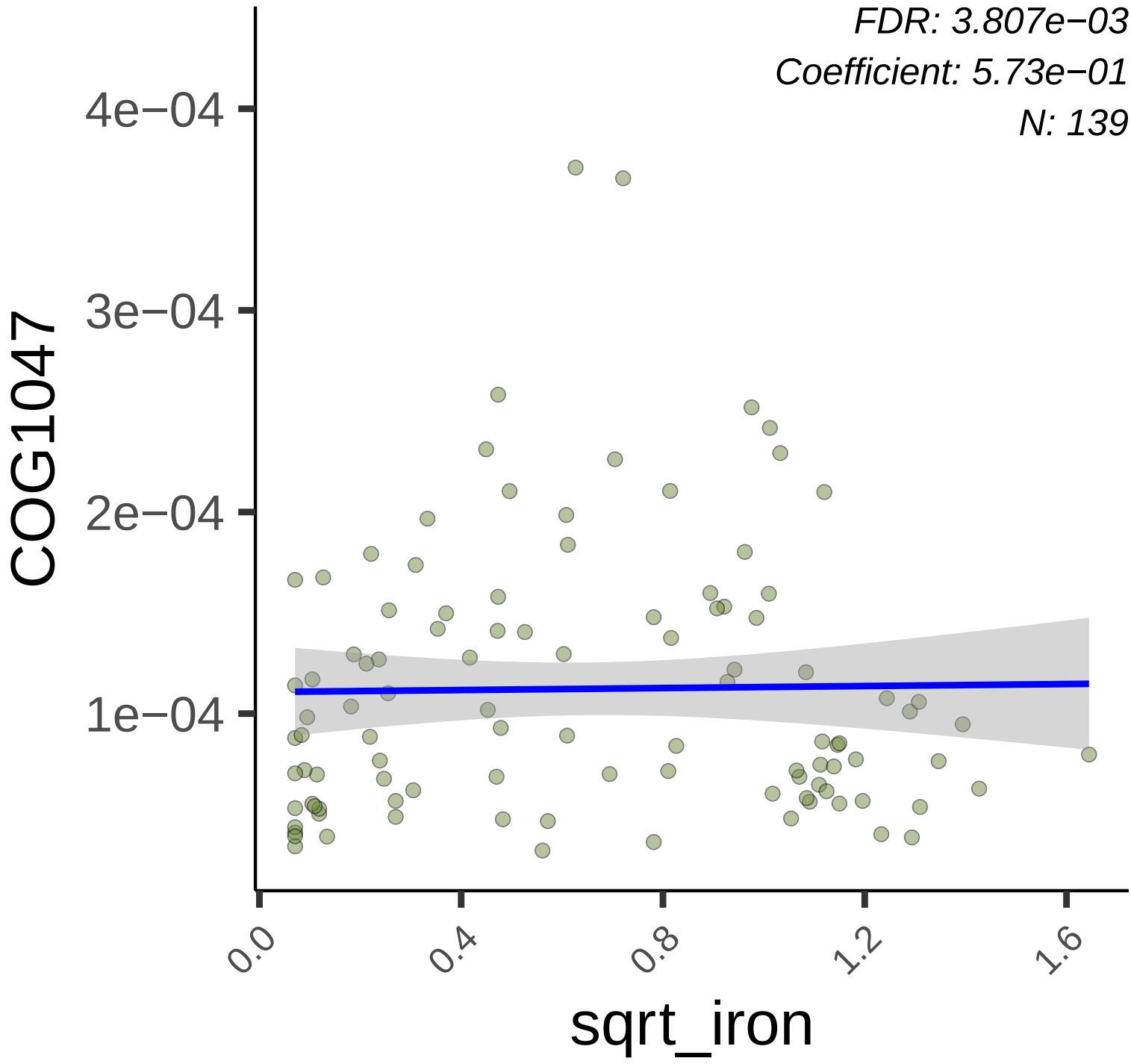
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.807e−03
Coefficient: 5.73e−01
N: 139
COG1047
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2e−04
1e−04
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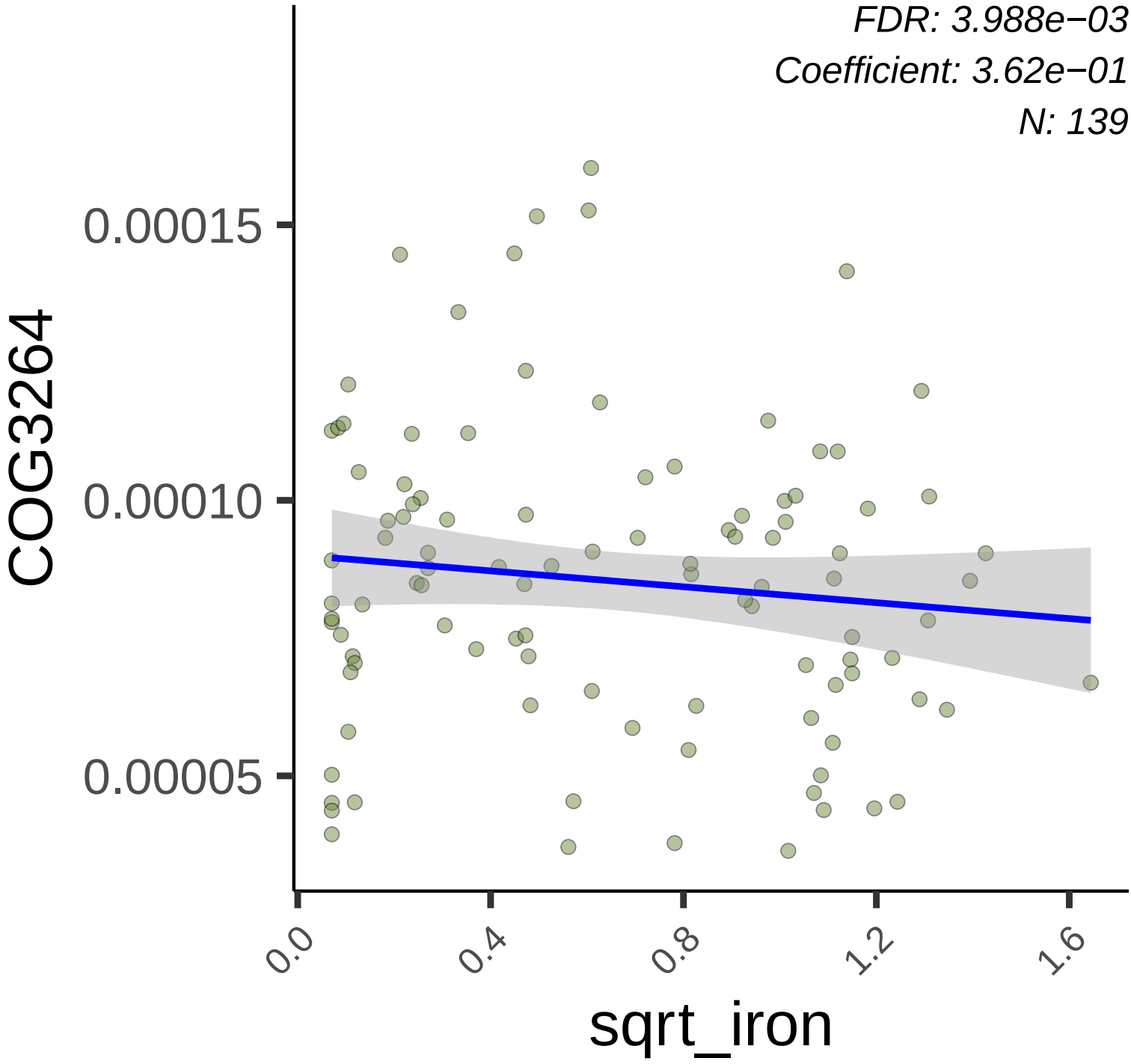
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.988e−03
Coefficient: 3.62e−01
N: 139
COG3264
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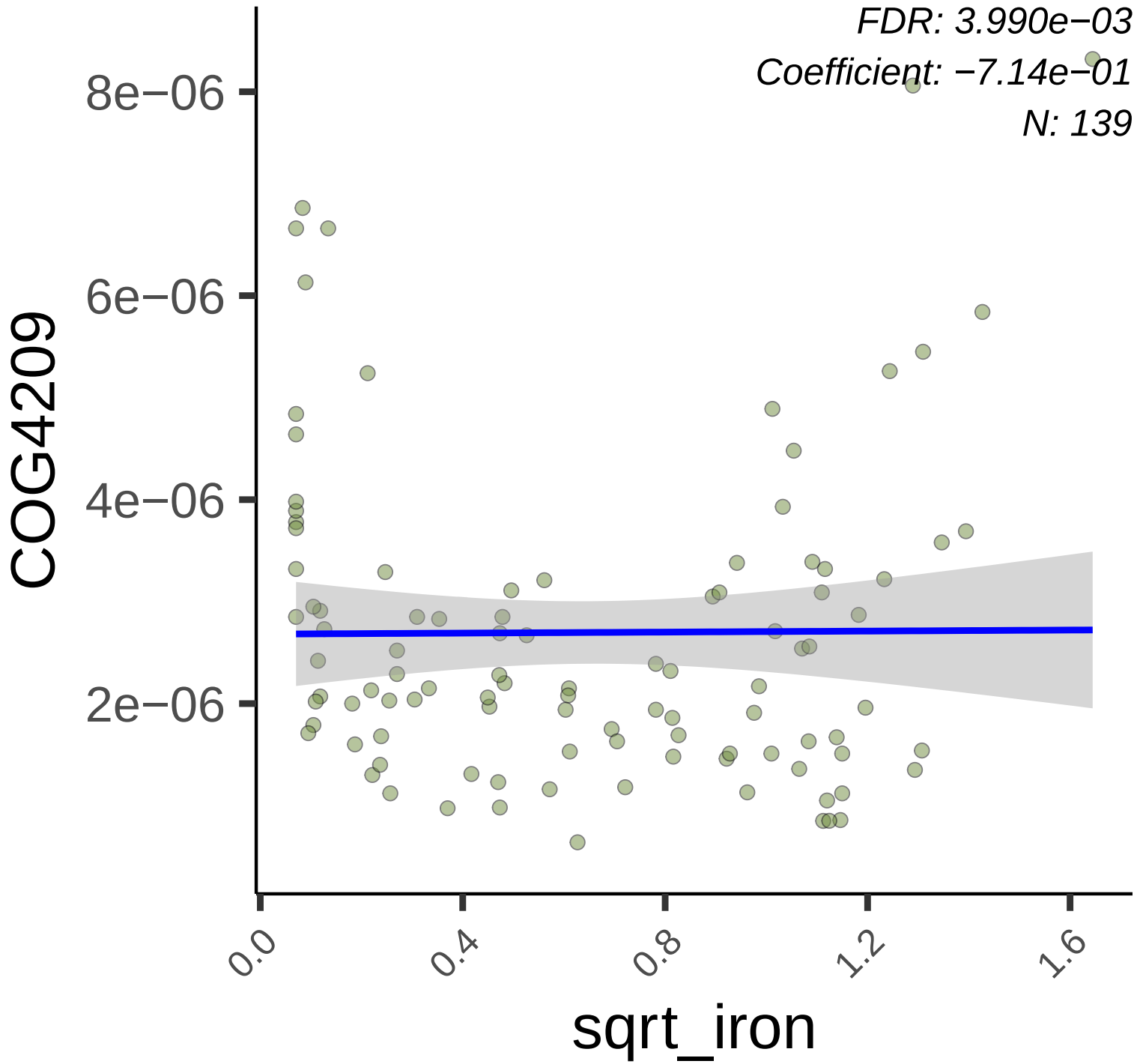
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.990e−03
Coefficient: −7.14e−01
N: 139
8e−06
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4e−06
2e−06
COG4209
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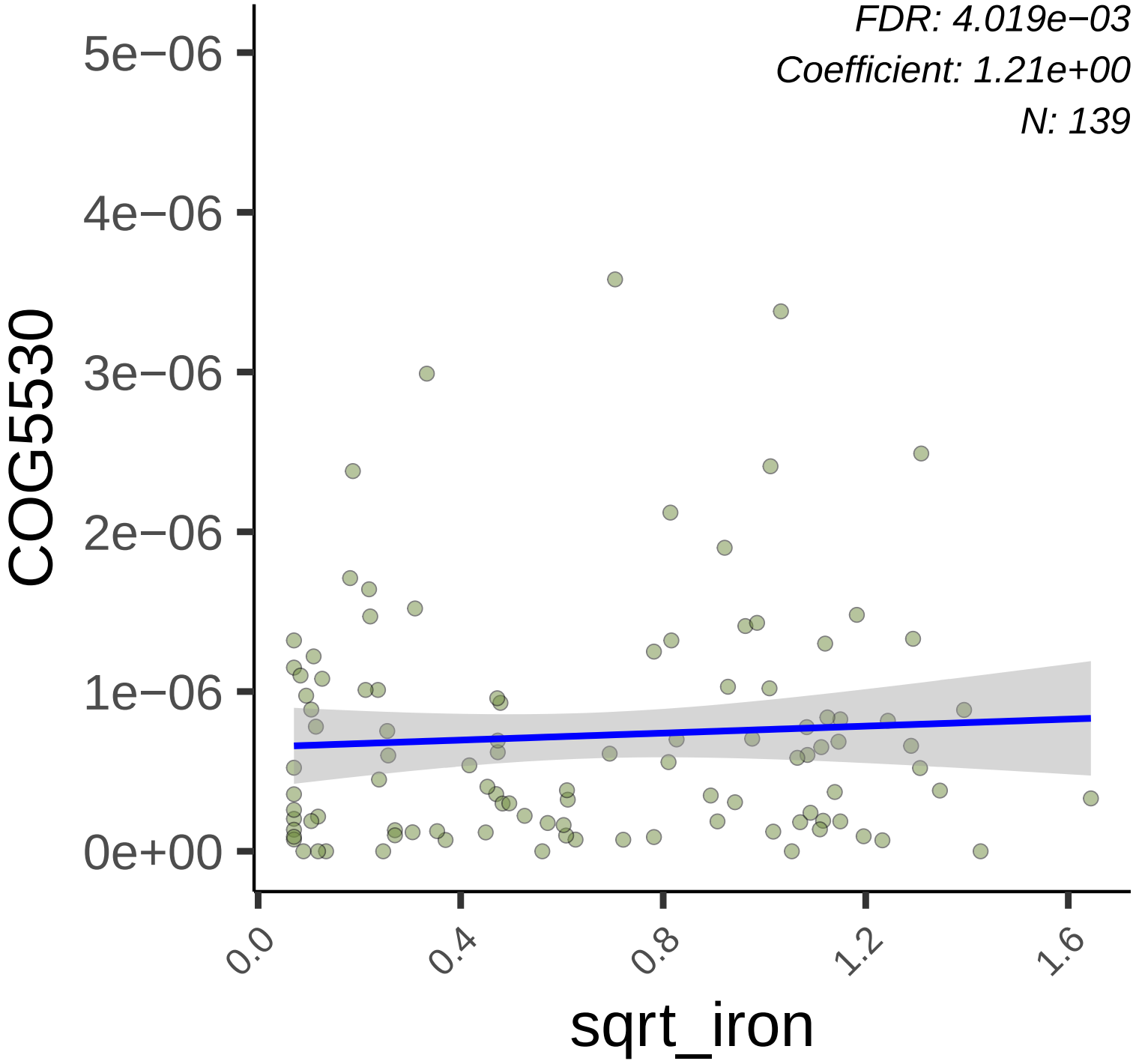
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.019e−03
Coefficient: 1.21e+00
N: 139
COG5530
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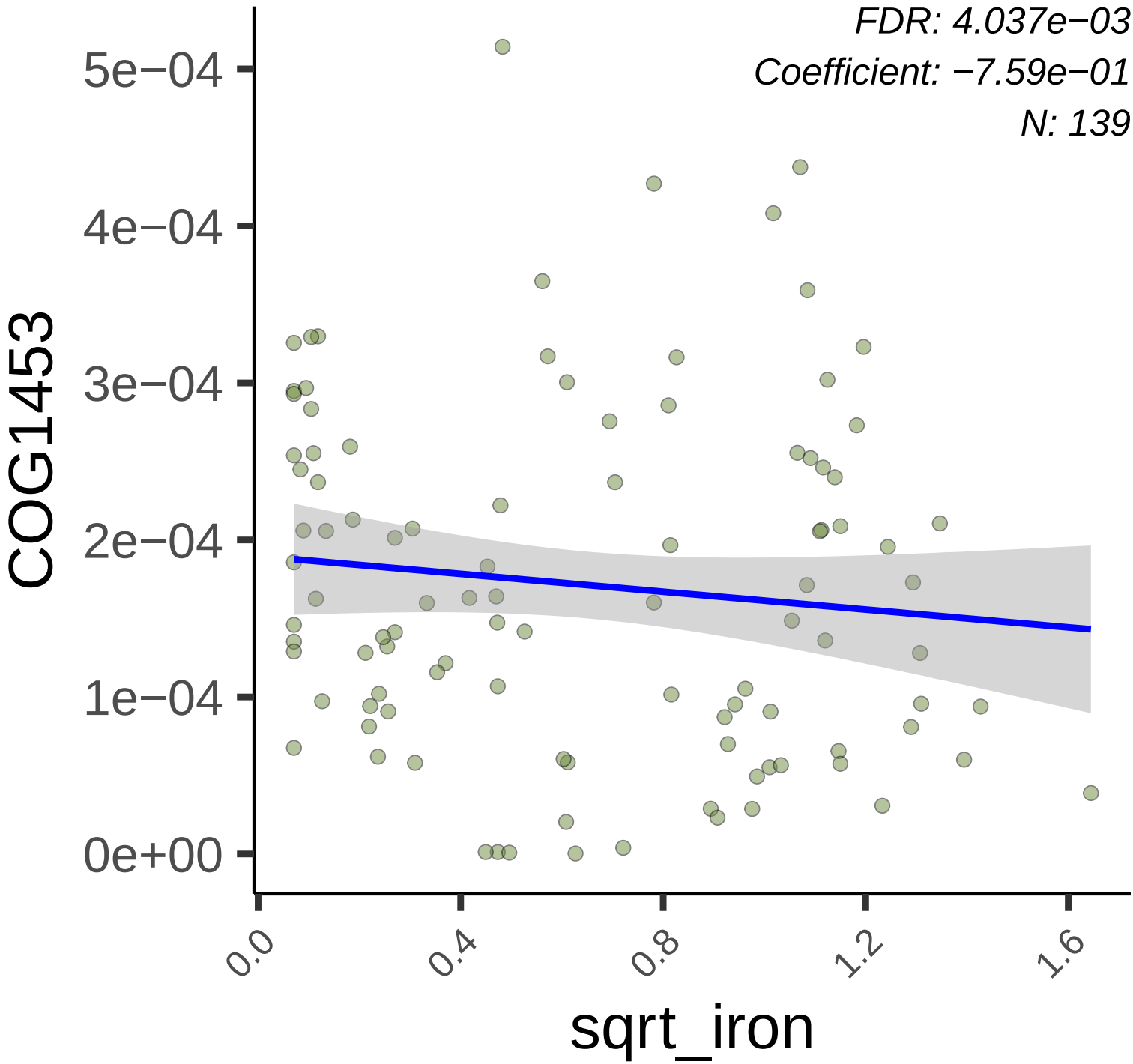
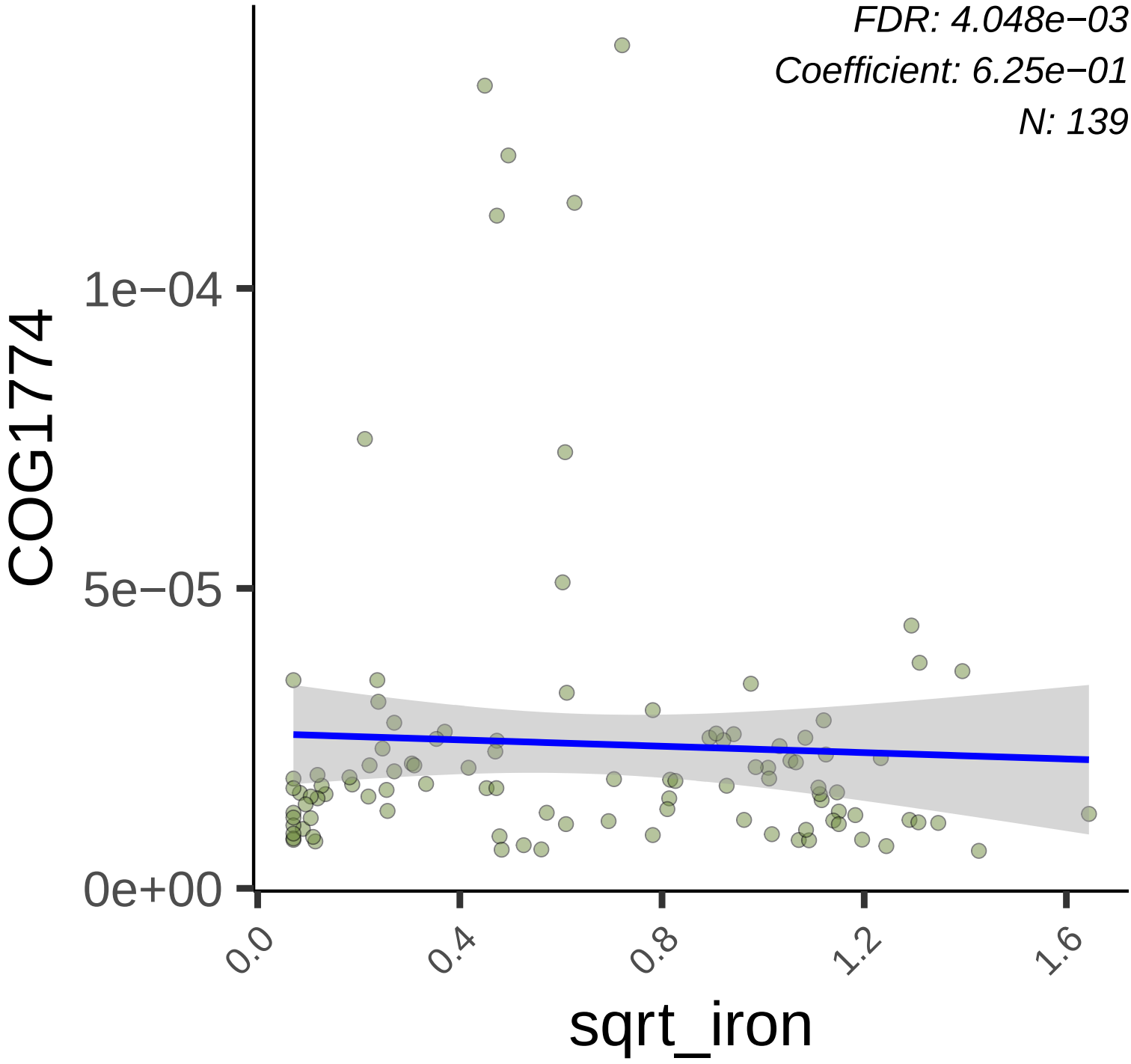
4e−06
3e−06
2e−06
1e−06
0e+00
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.037e−03
Coefficient: −7.59e−01
N: 139
COG1453
5e−04
4e−04
3e−04
2e−04
1e−04
0e+00
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.048e−03
Coefficient: 6.25e−01
N: 139
COG1774
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0e+00
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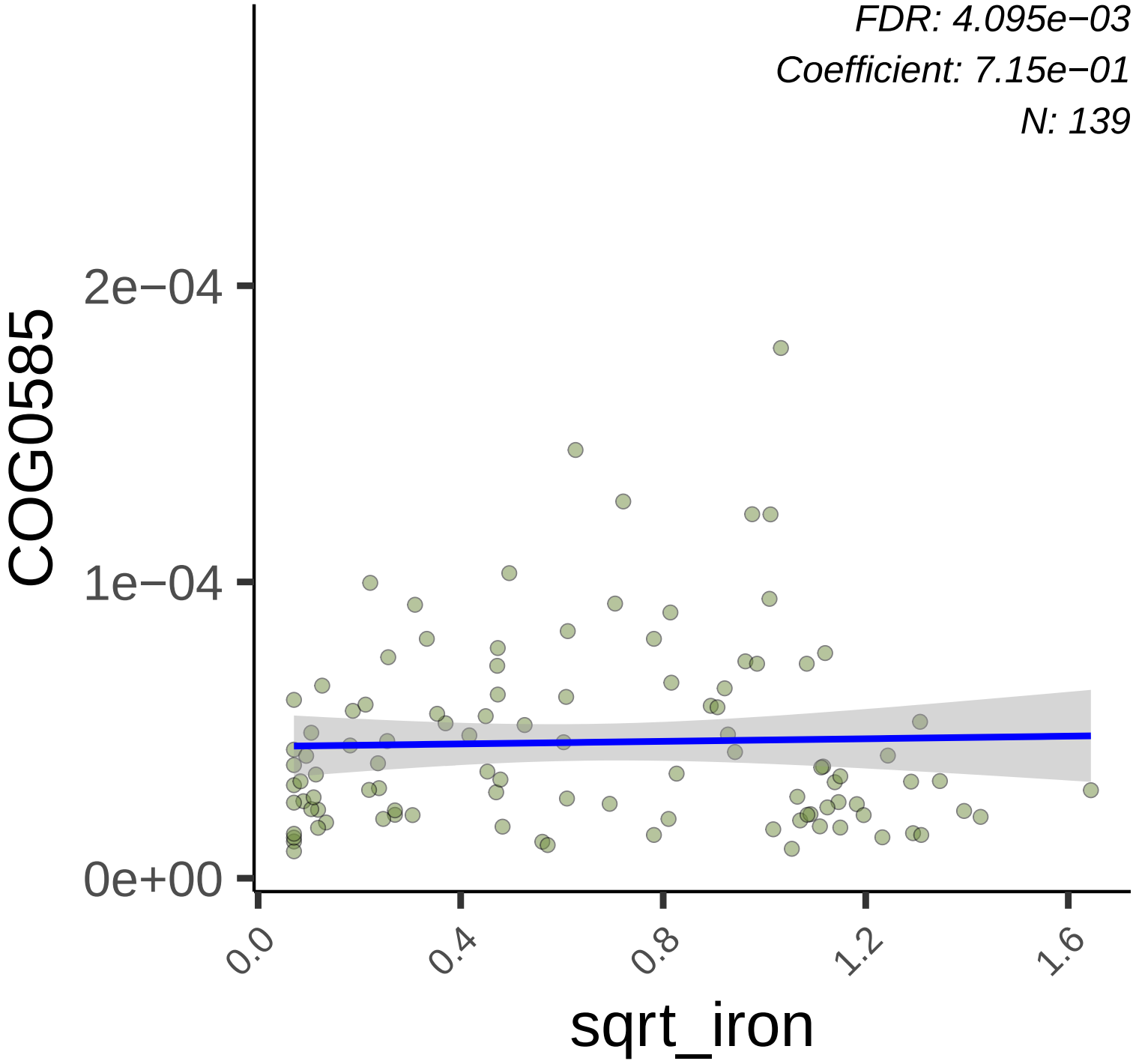
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.095e−03
Coefficient: 7.15e−01
N: 139
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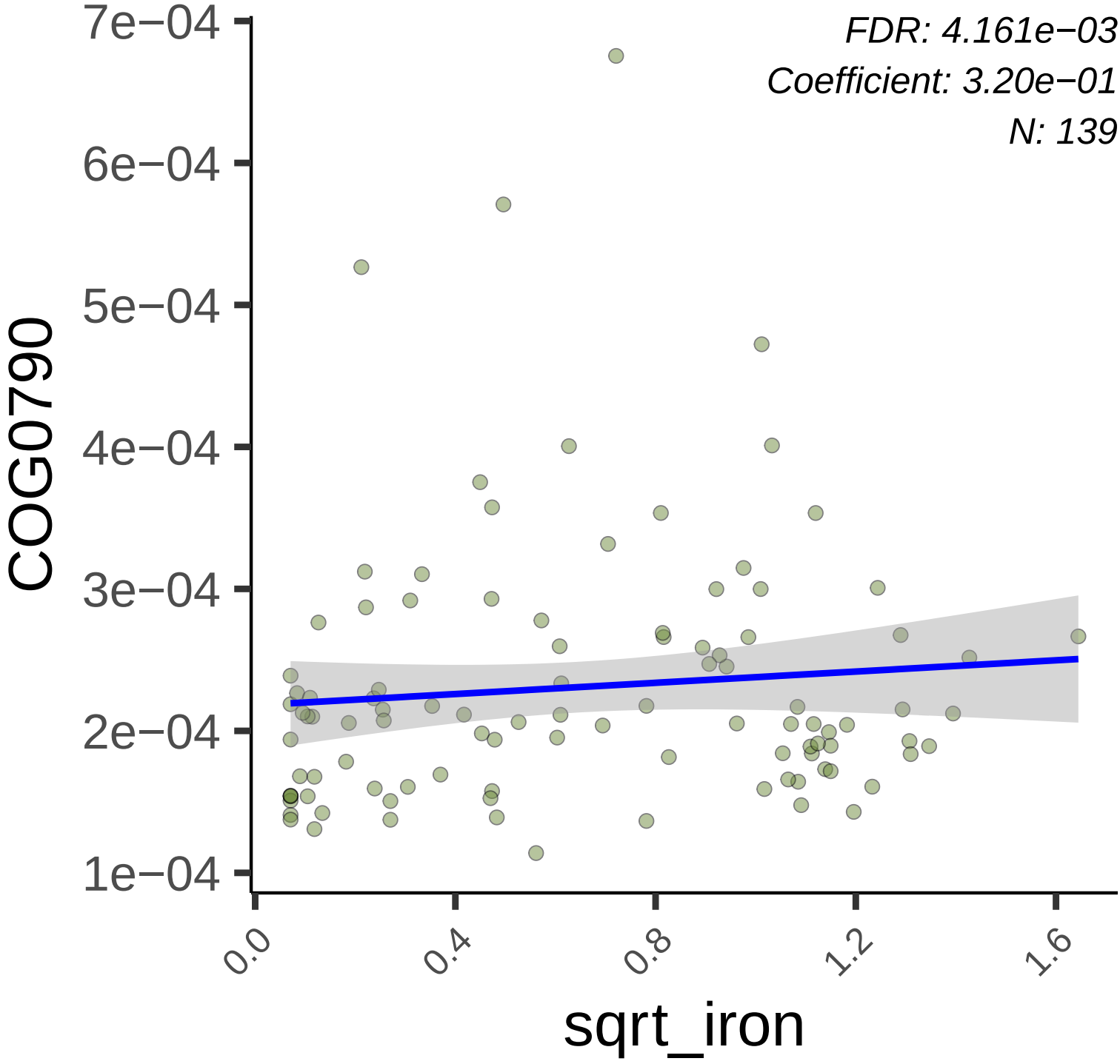
0.8
1.2
1.6
sqrt_iron


FDR: 4.161e−03
Coefficient: 3.20e−01
N: 139
COG0790
7e−04
6e−04
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3e−04
2e−04
1e−04
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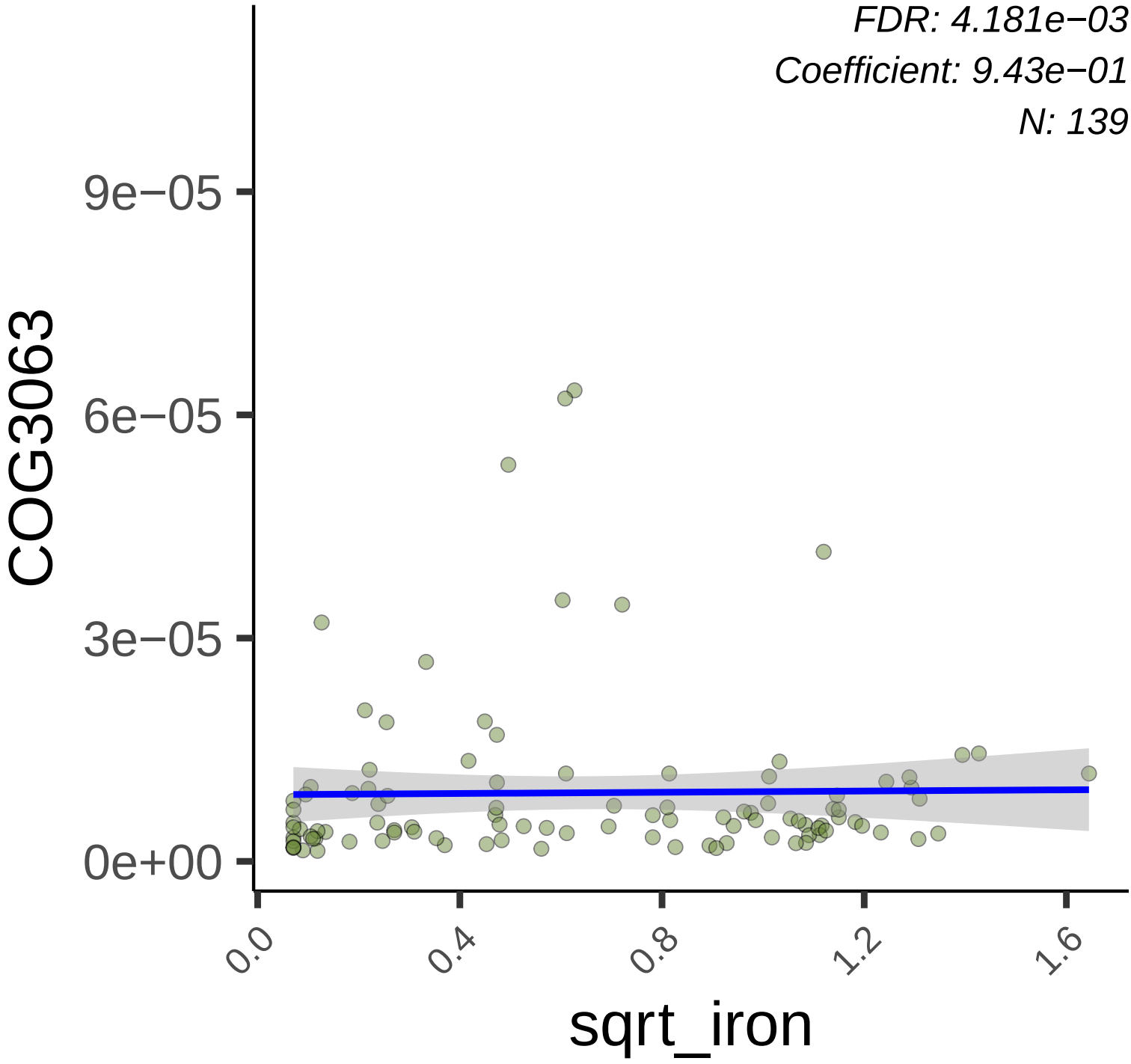
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.181e−03
Coefficient: 9.43e−01
N: 139
COG3063
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6e−05
3e−05
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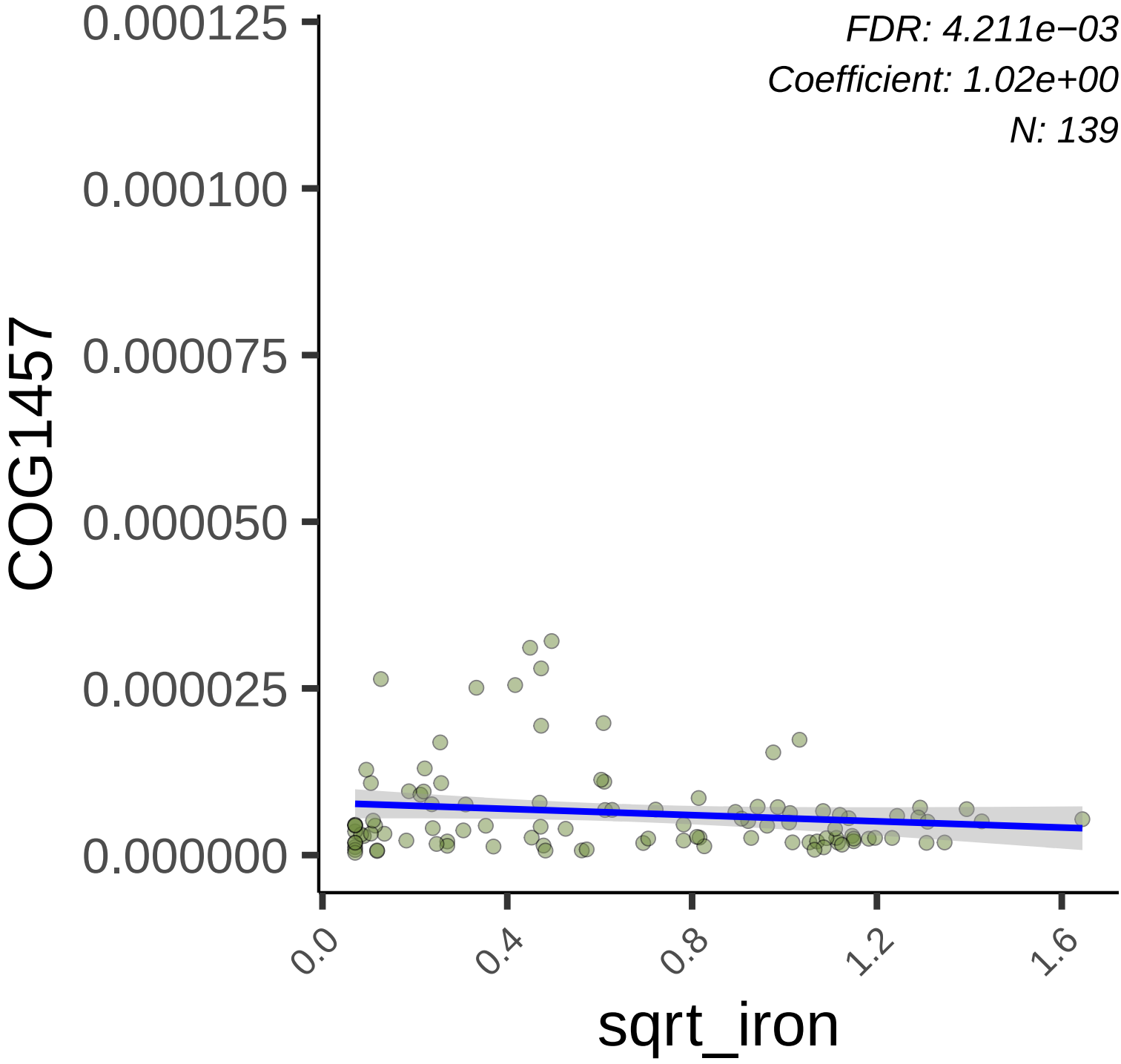
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.211e−03
Coefficient: 1.02e+00
N: 139
COG1457
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0.000050
0.000025
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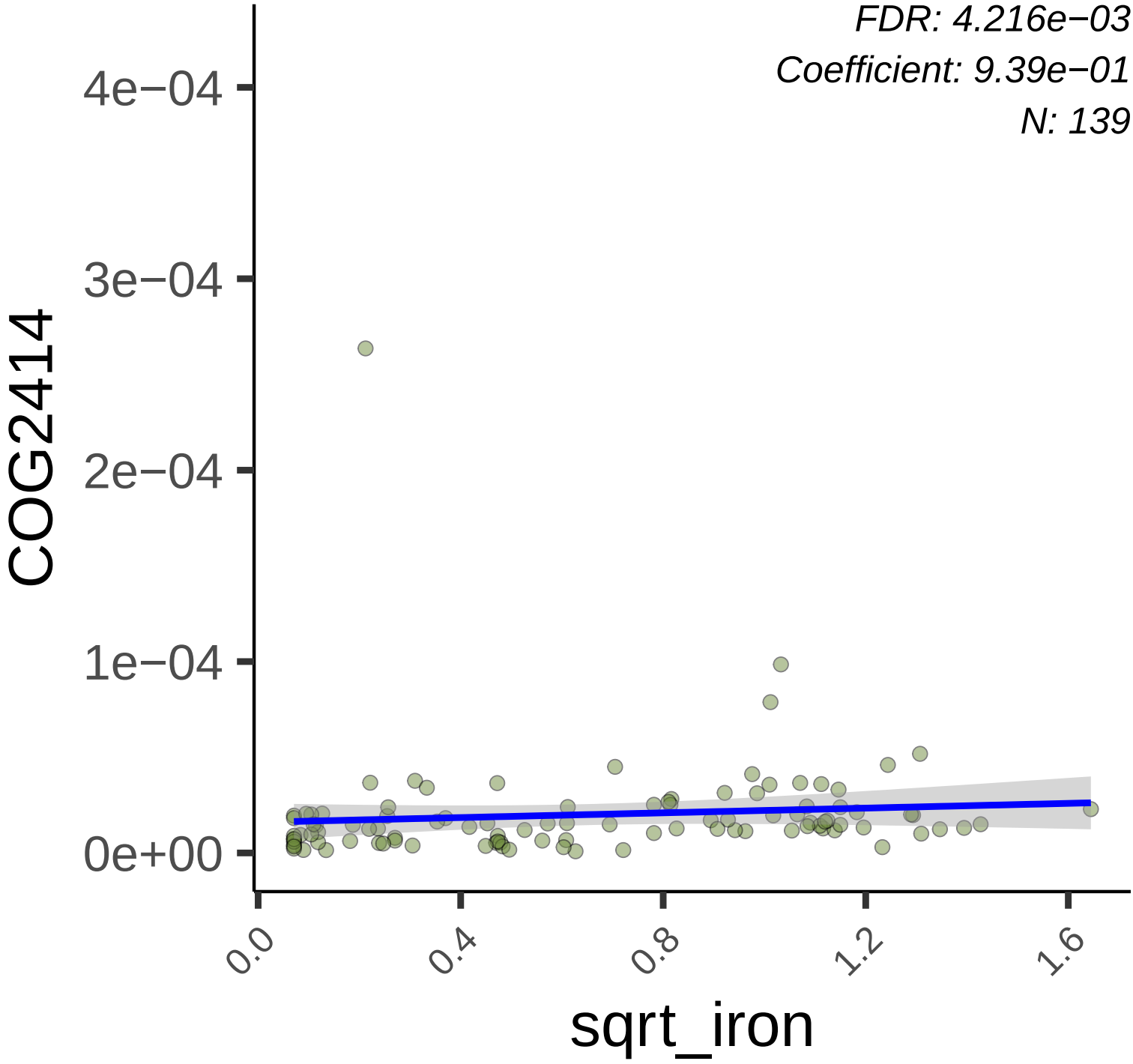
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.216e−03
Coefficient: 9.39e−01
N: 139
COG2414
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1e−04
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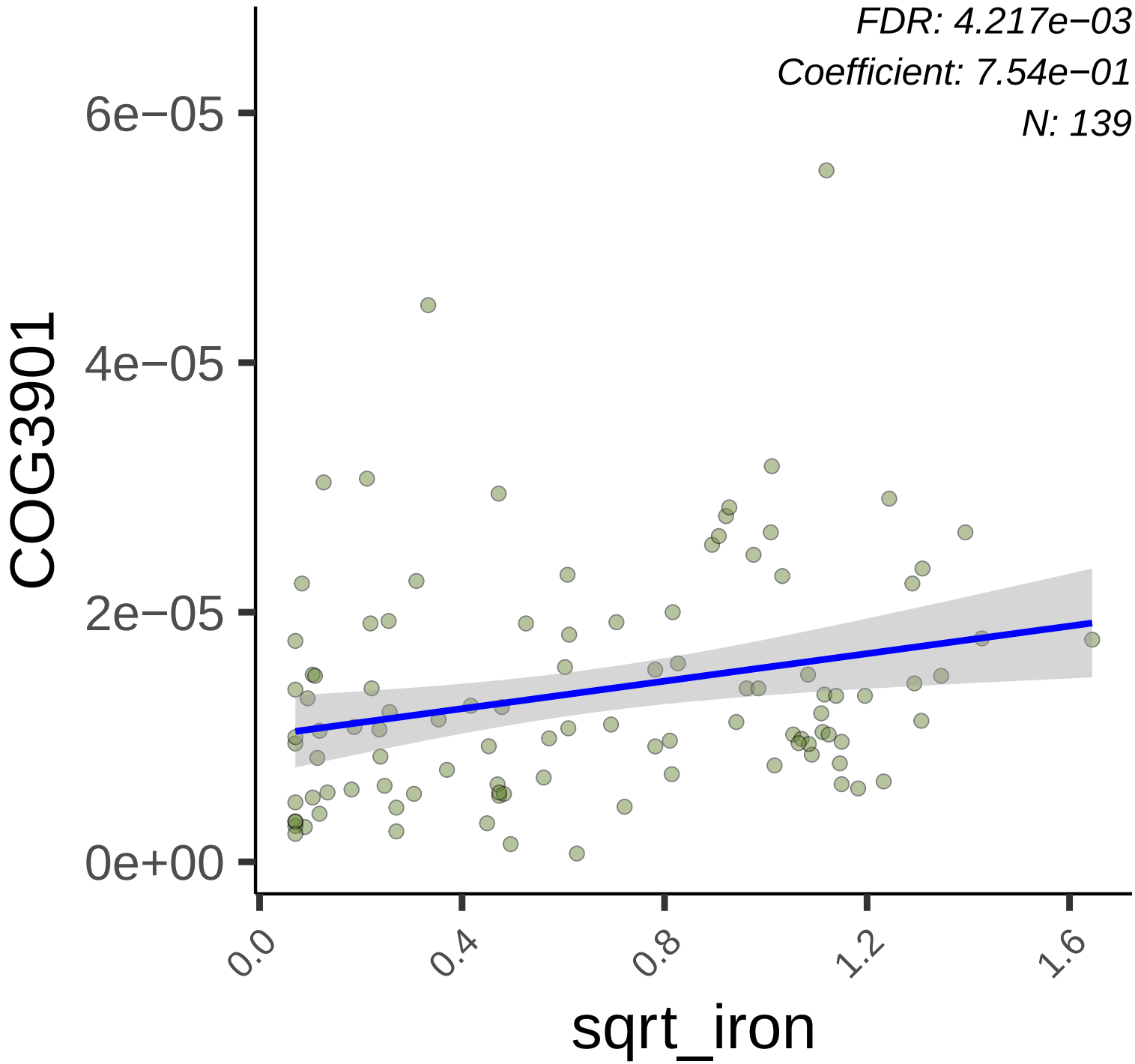
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.217e−03
Coefficient: 7.54e−01
N: 139
COG3901
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2e−05
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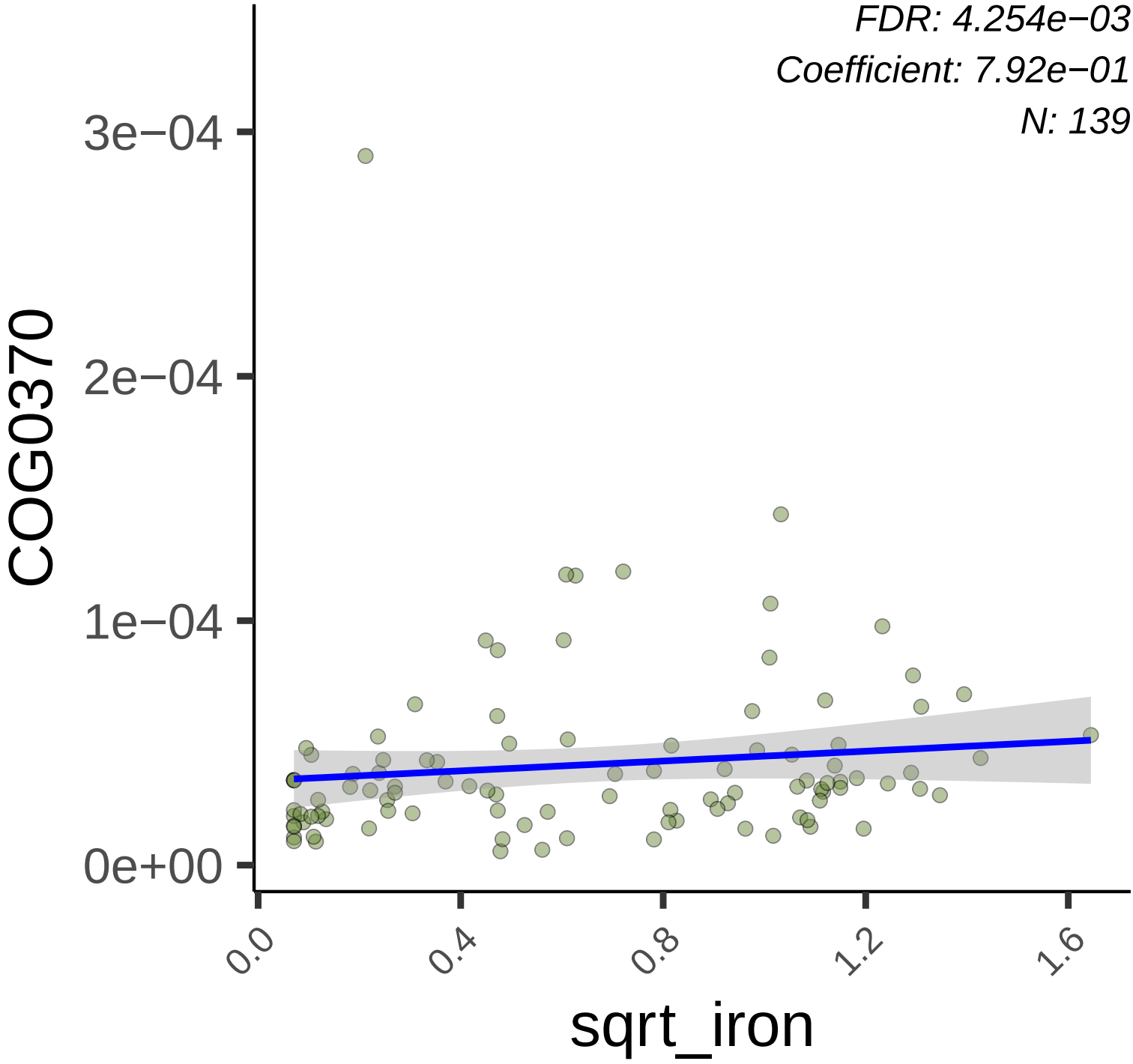
1.2
1.6
sqrt_iron


FDR: 4.254e−03
Coefficient: 7.92e−01
N: 139
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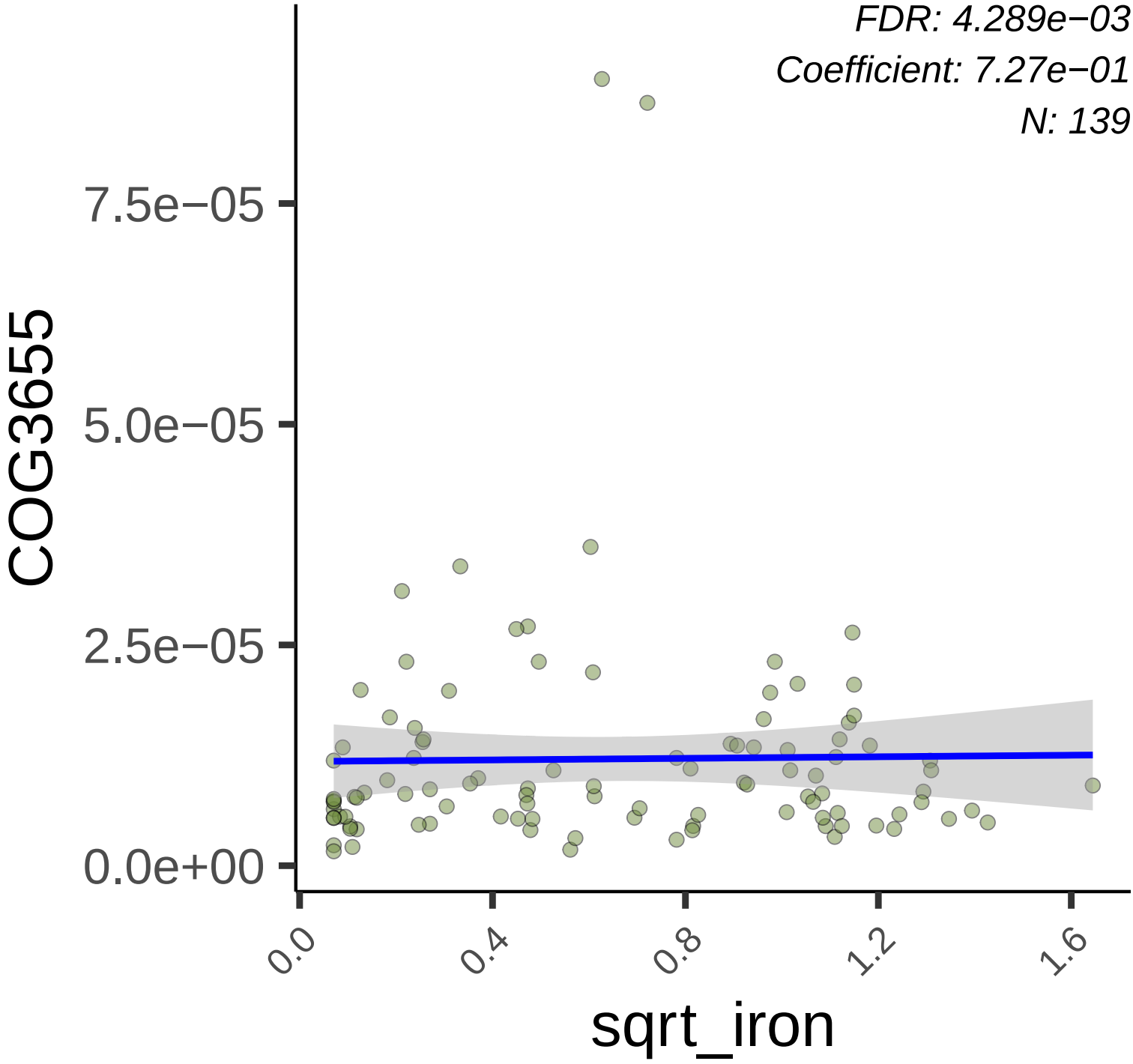
1.6
sqrt_iron


FDR: 4.289e−03
Coefficient: 7.27e−01
N: 139
COG3655
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2.5e−05
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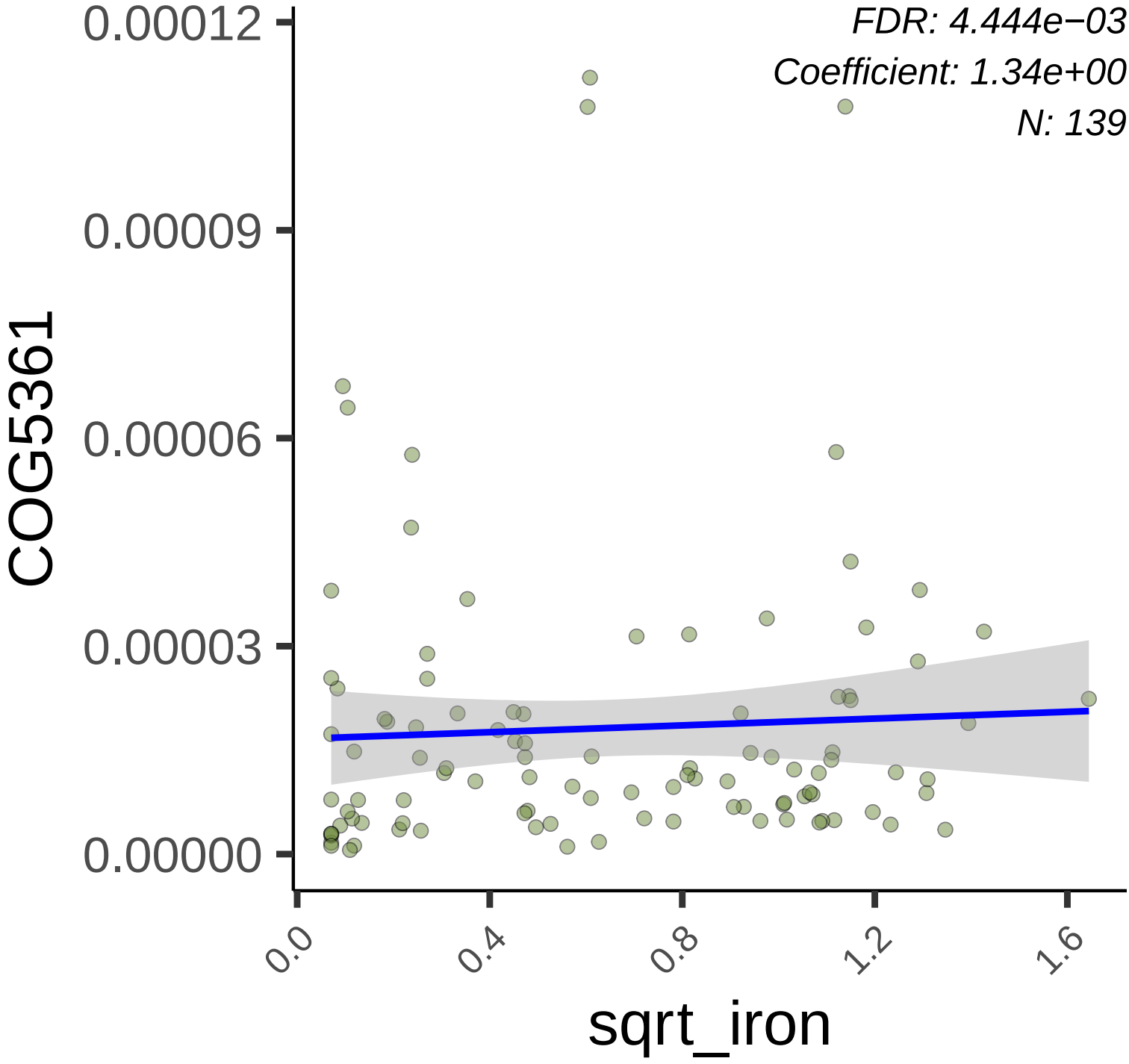
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.444e−03
Coefficient: 1.34e+00
N: 139
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COG5361
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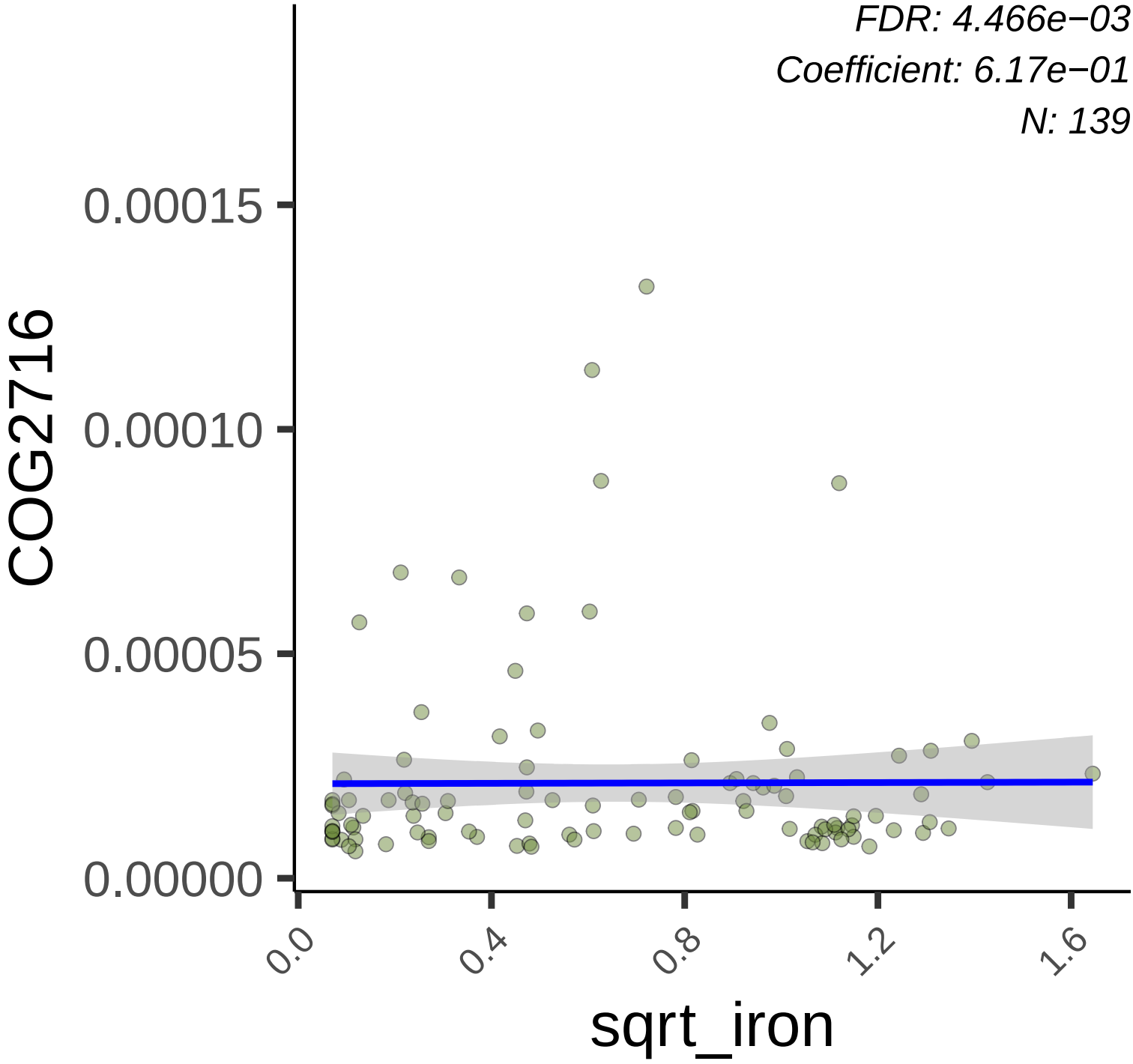
1.6
sqrt_iron


FDR: 4.466e−03
Coefficient: 6.17e−01
N: 139
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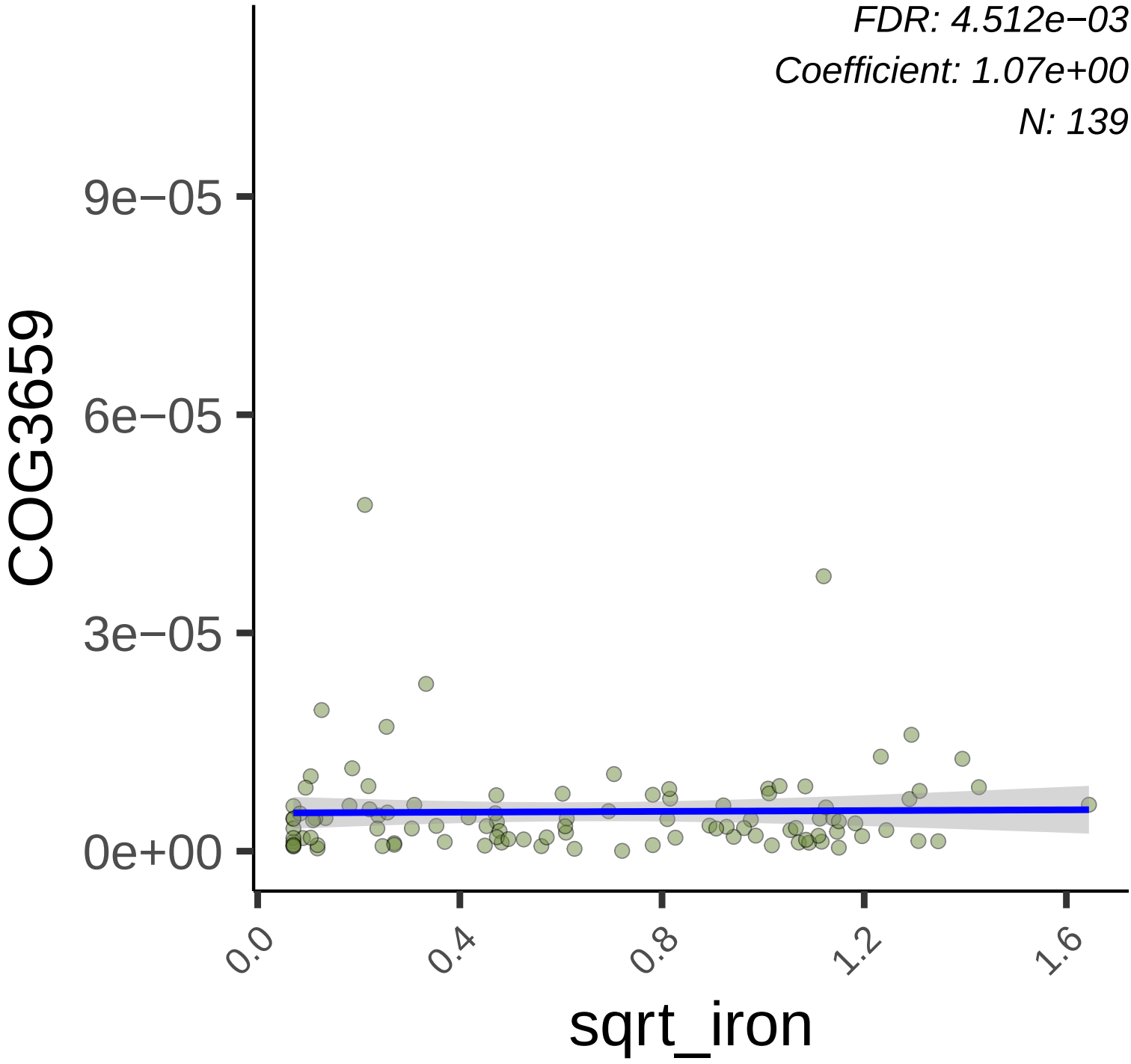
1.6
sqrt_iron


FDR: 4.512e−03
Coefficient: 1.07e+00
N: 139
COG3659
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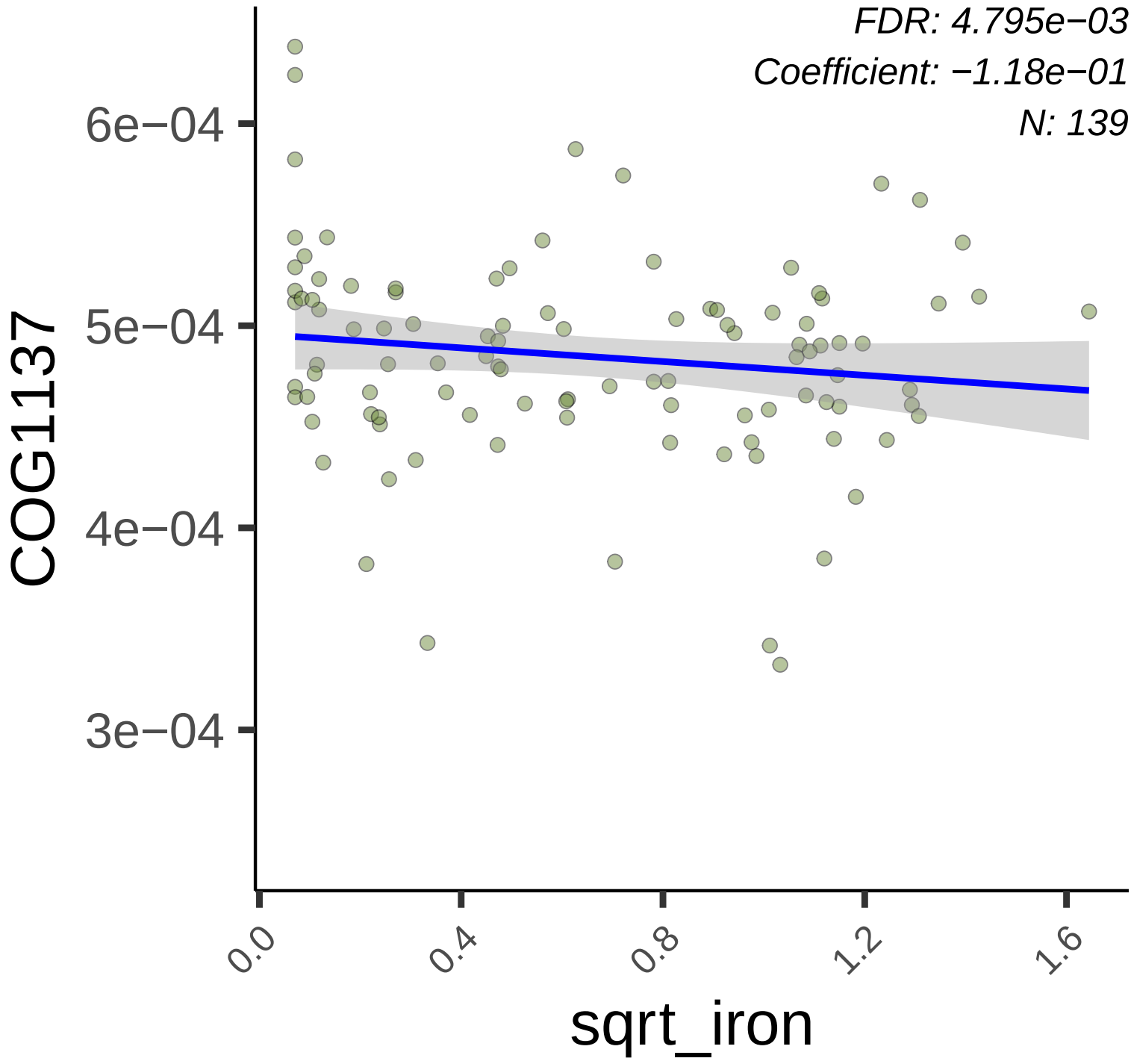
0.8
1.2
1.6
sqrt_iron


FDR: 4.795e−03
Coefficient: −1.18e−01
N: 139
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COG1137
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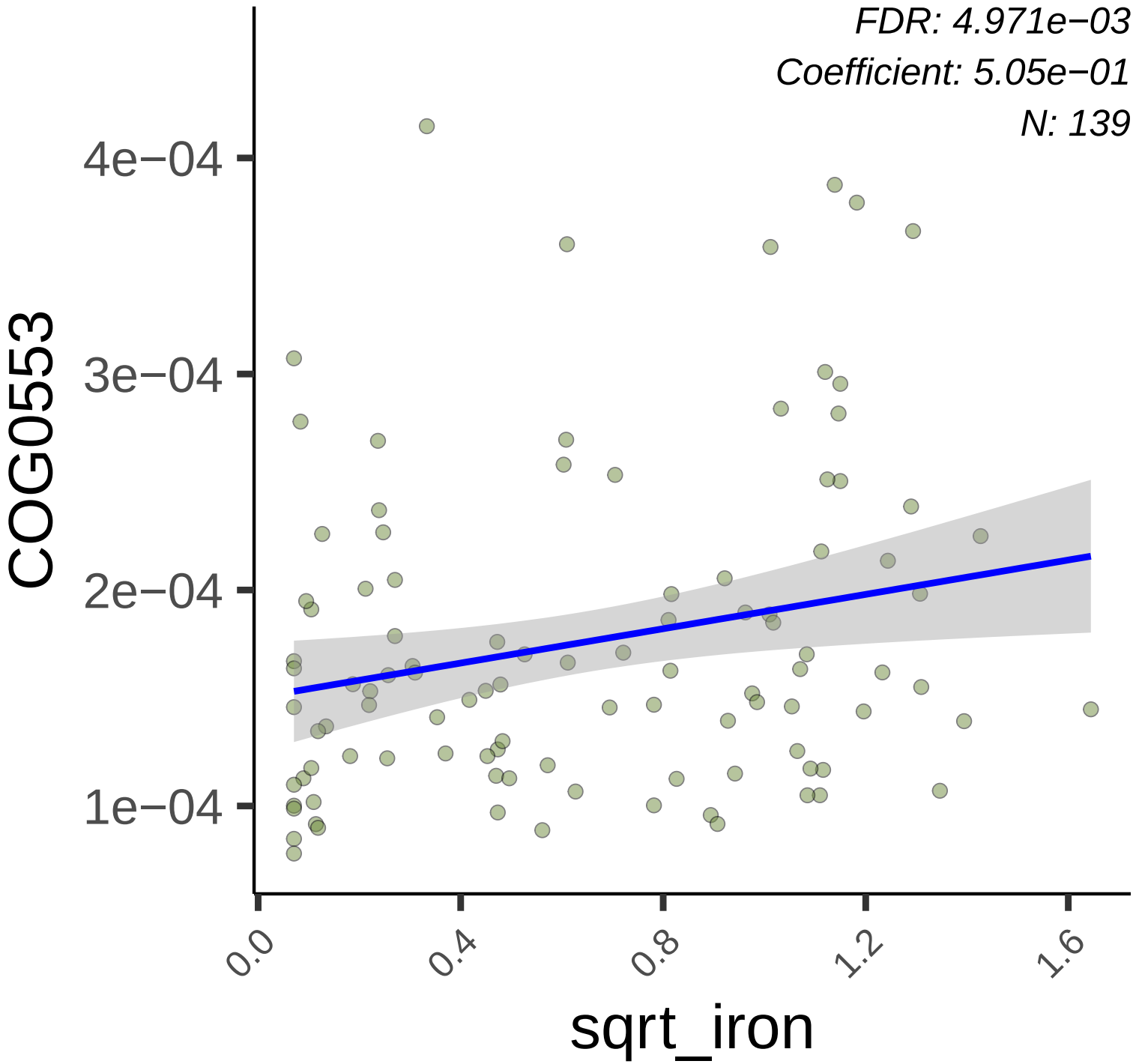
1.6
sqrt_iron


FDR: 4.971e−03
Coefficient: 5.05e−01
N: 139
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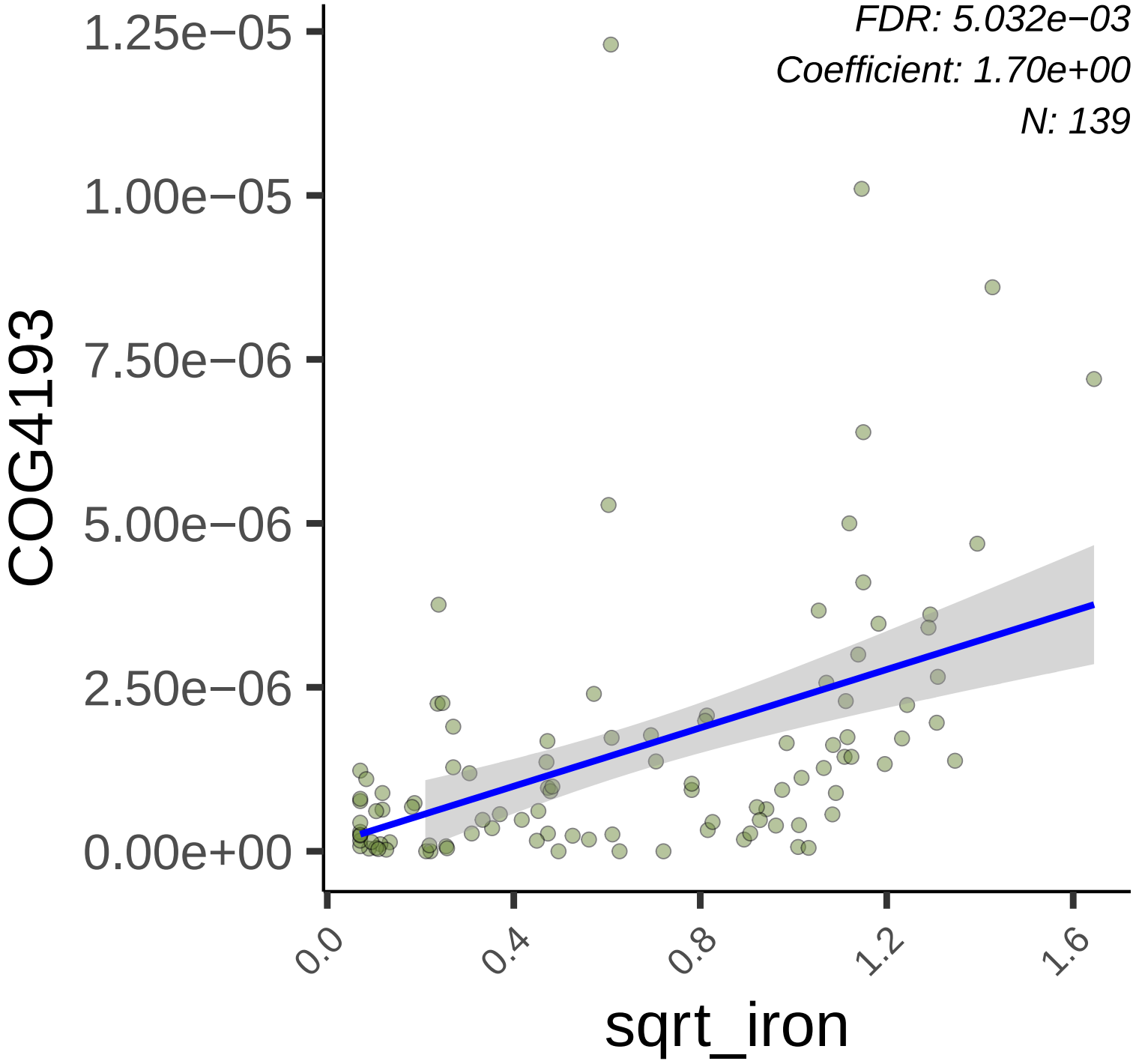
1.2
1.6
sqrt_iron


FDR: 5.032e−03
Coefficient: 1.70e+00
N: 139
COG4193
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2.50e−06
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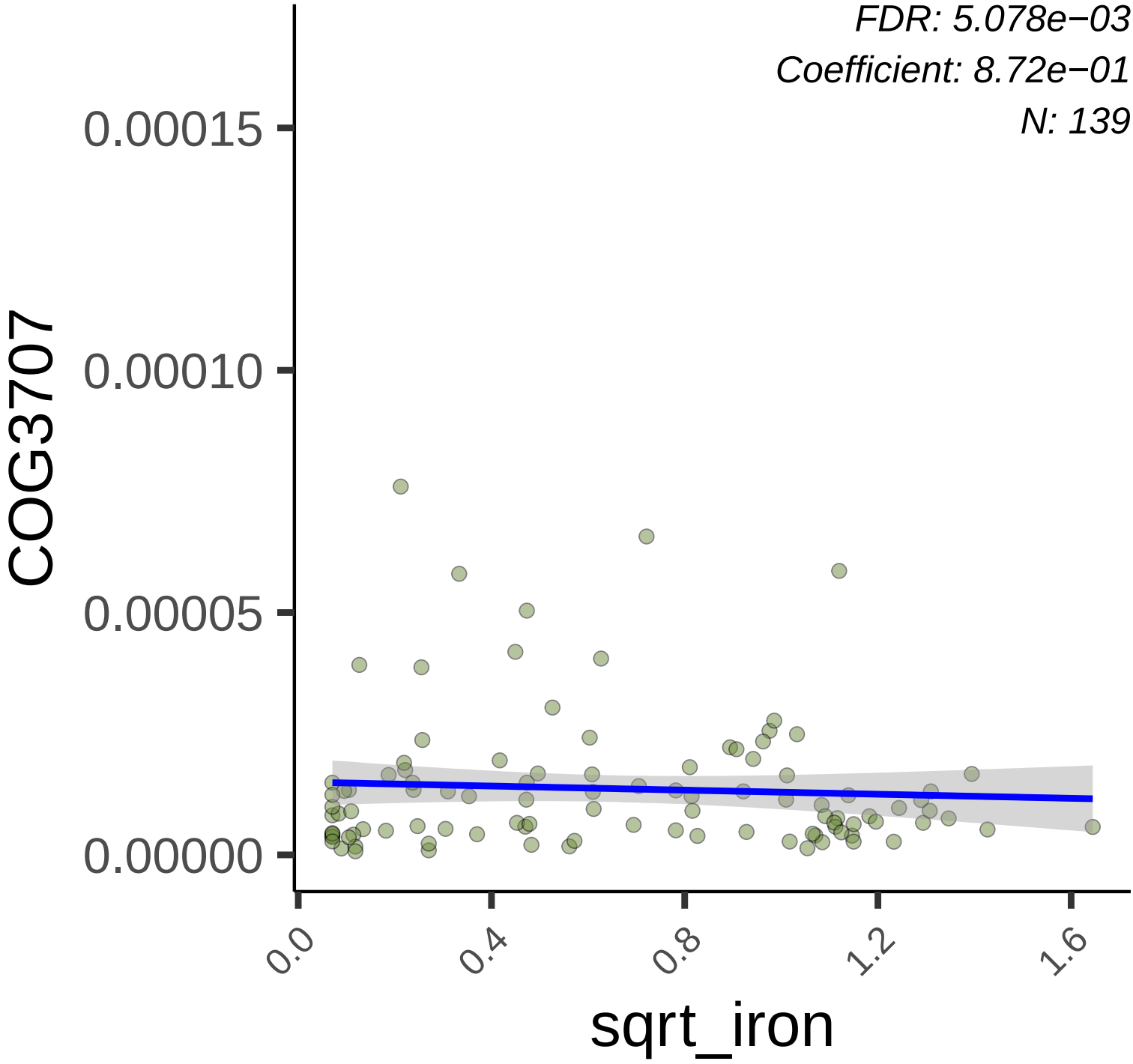
1.6
sqrt_iron


FDR: 5.078e−03
Coefficient: 8.72e−01
N: 139
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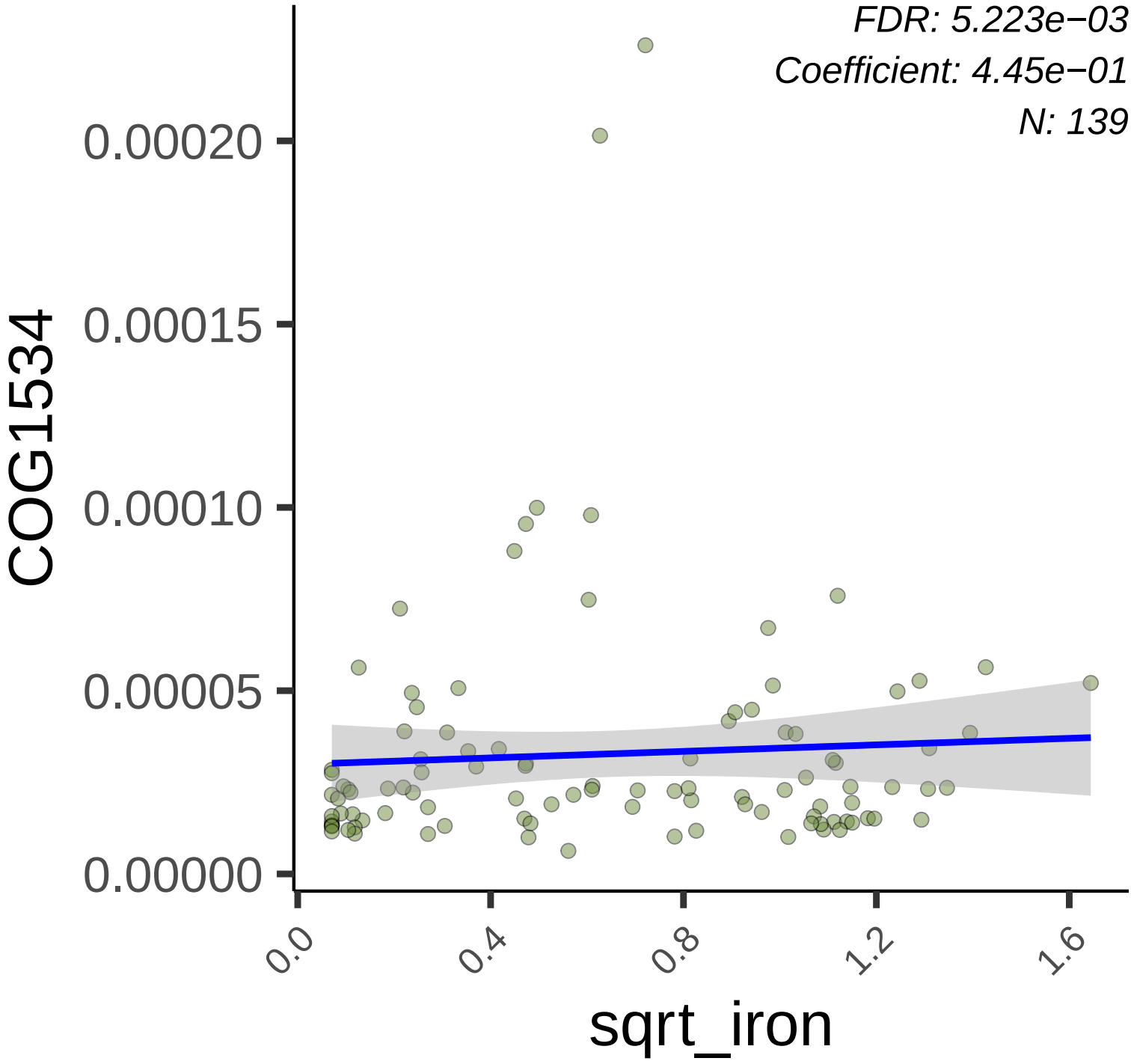
1.6
sqrt_iron


FDR: 5.223e−03
Coefficient: 4.45e−01
N: 139
COG1534
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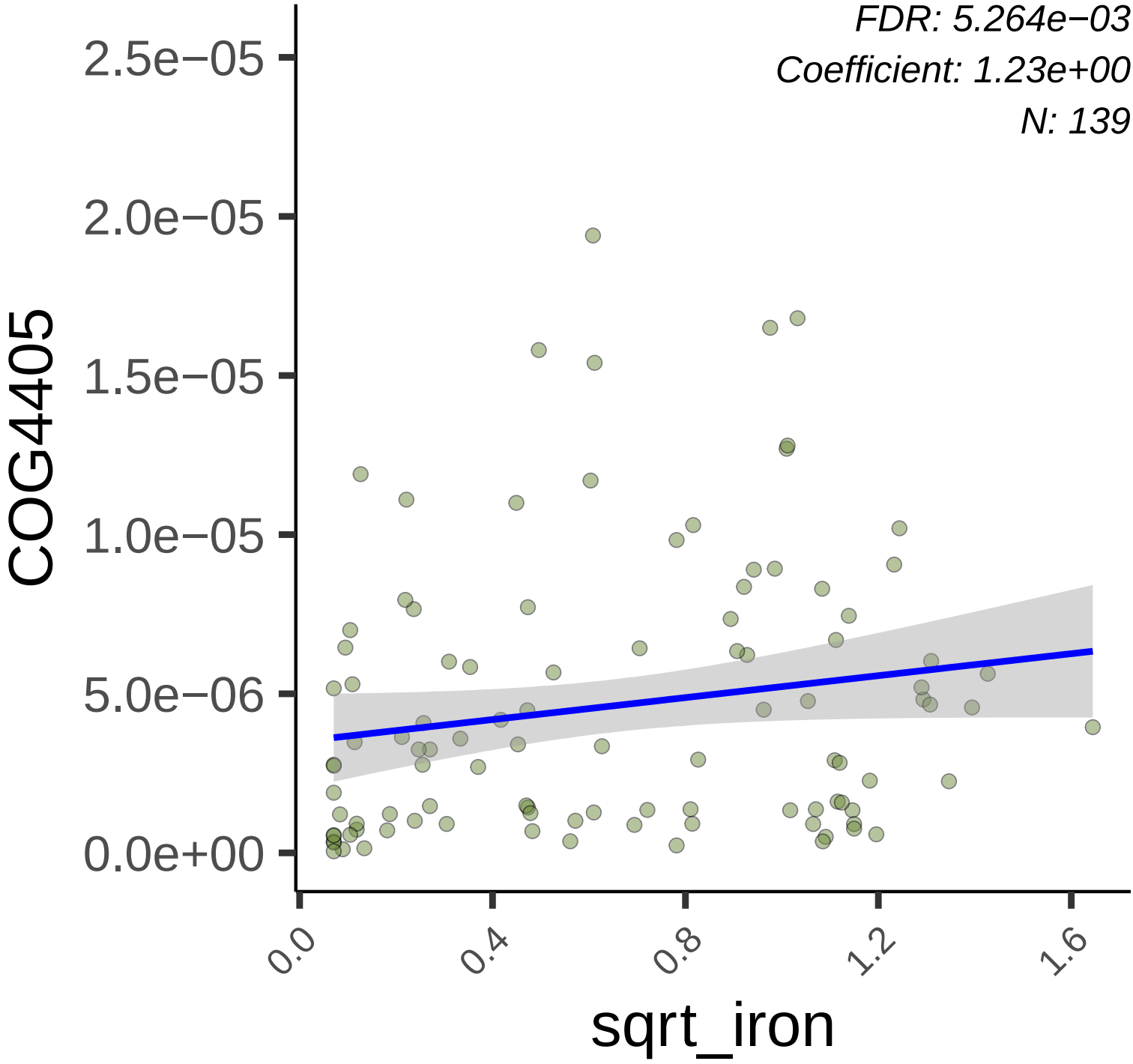
0.8
1.2
1.6
sqrt_iron


FDR: 5.264e−03
Coefficient: 1.23e+00
N: 139
COG4405
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5.0e−06
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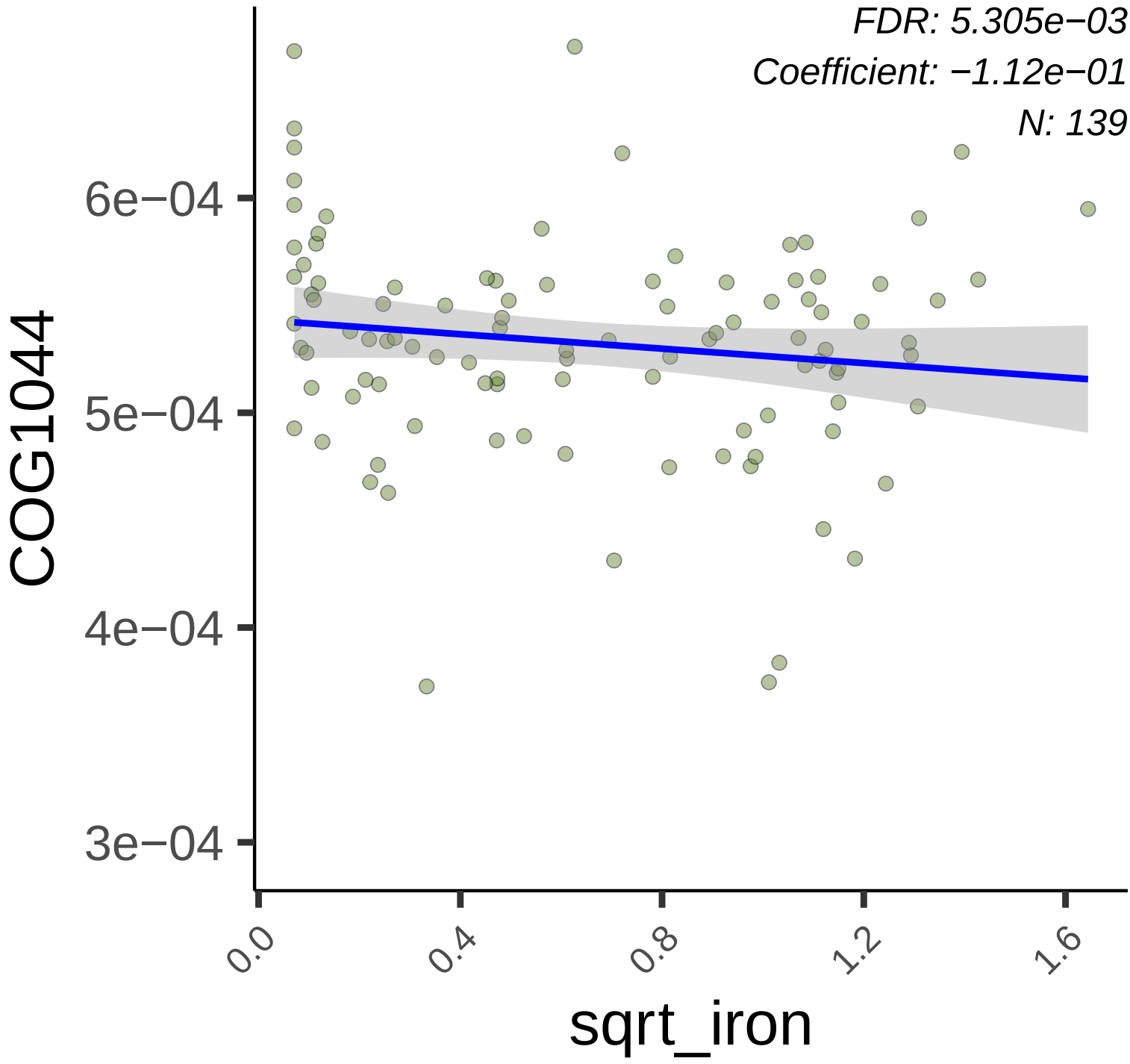
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 5.305e−03
Coefficient: −1.12e−01
N: 139
COG1044
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5e−04
4e−04
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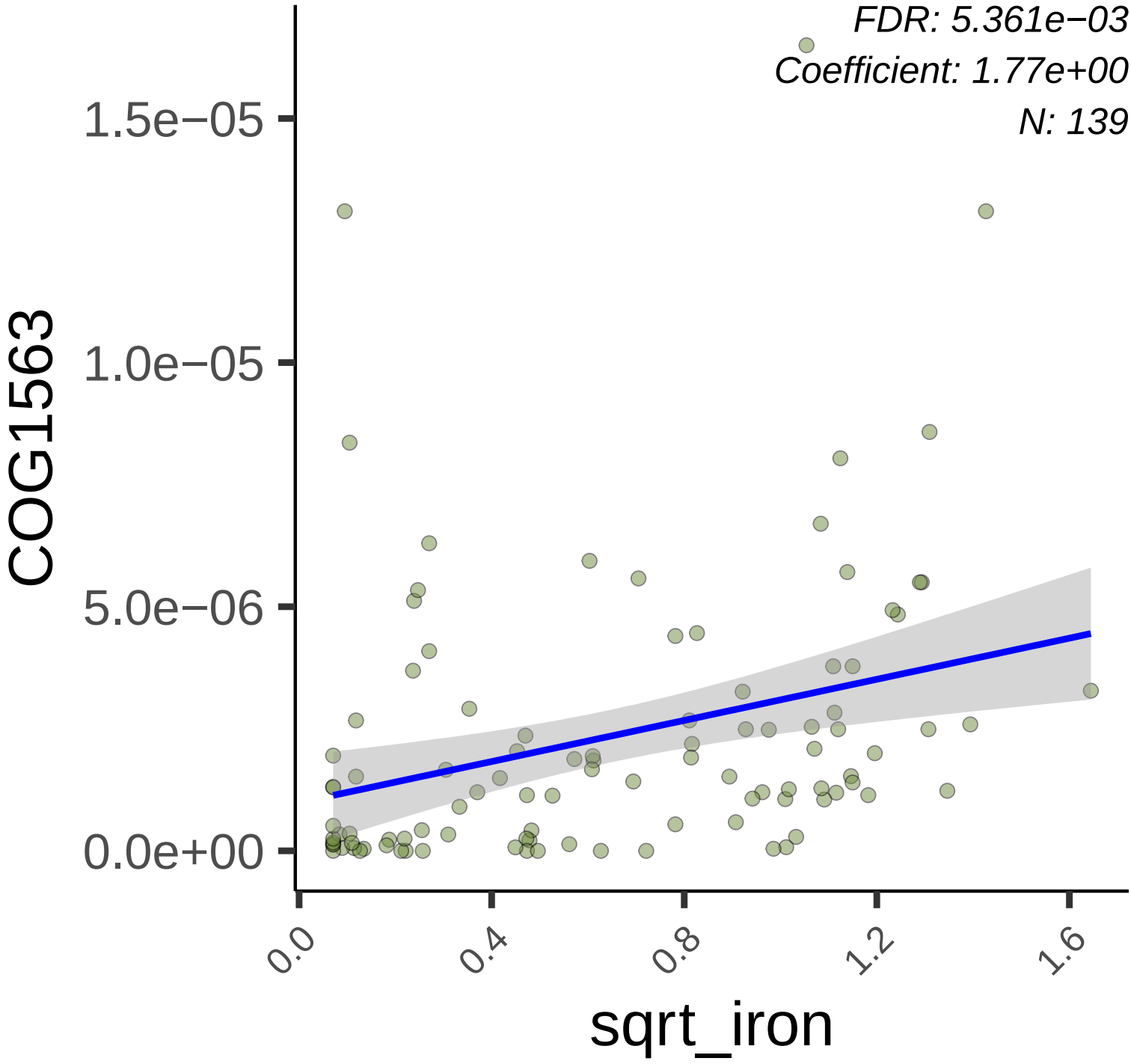
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 5.361e−03
Coefficient: 1.77e+00
N: 139
COG1563
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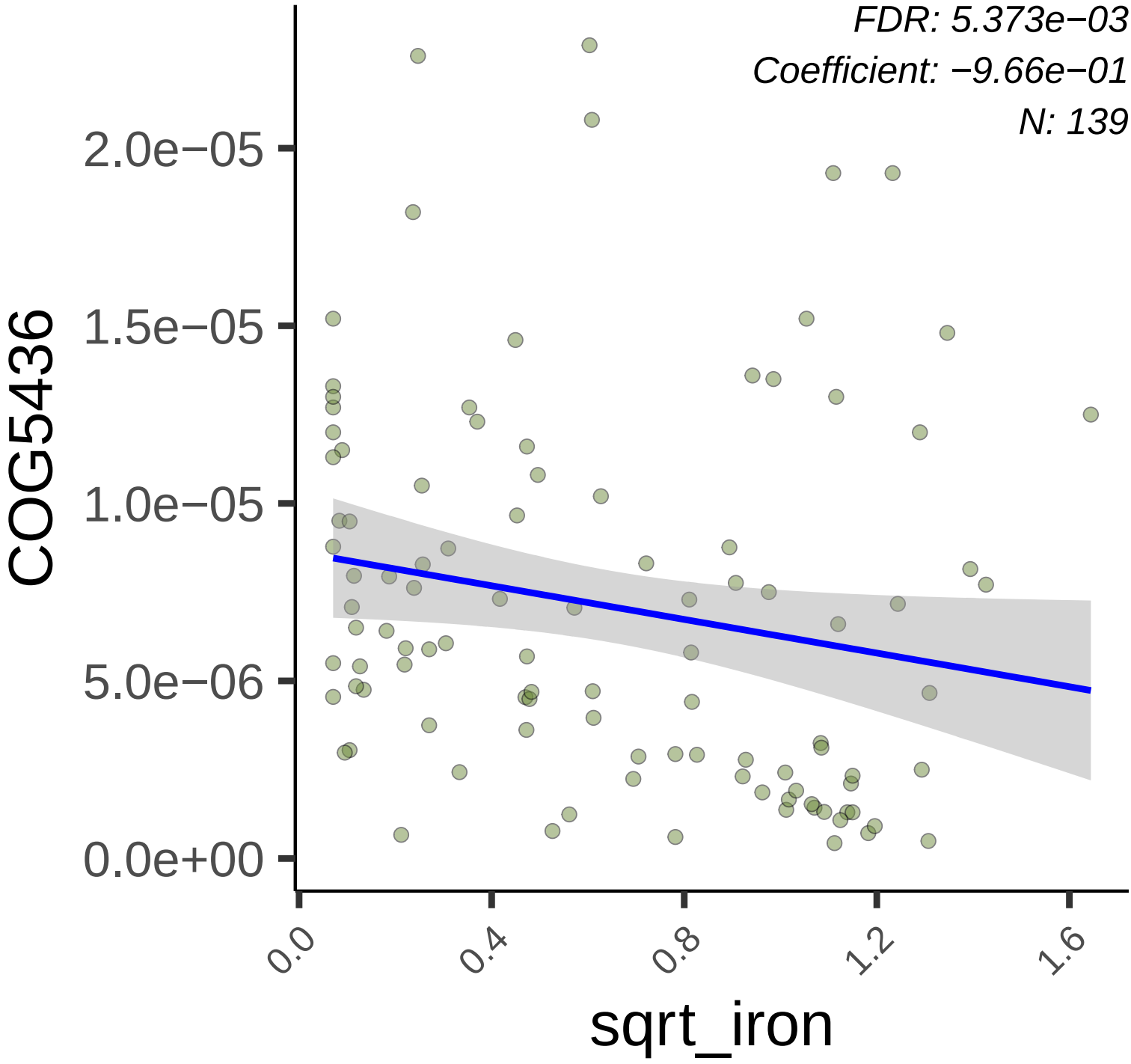
1.0e−05
5.0e−06
0.0e+00
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 5.373e−03
Coefficient: −9.66e−01
N: 139
COG5436
2.0e−05
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5.0e−06
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0.4
0.8
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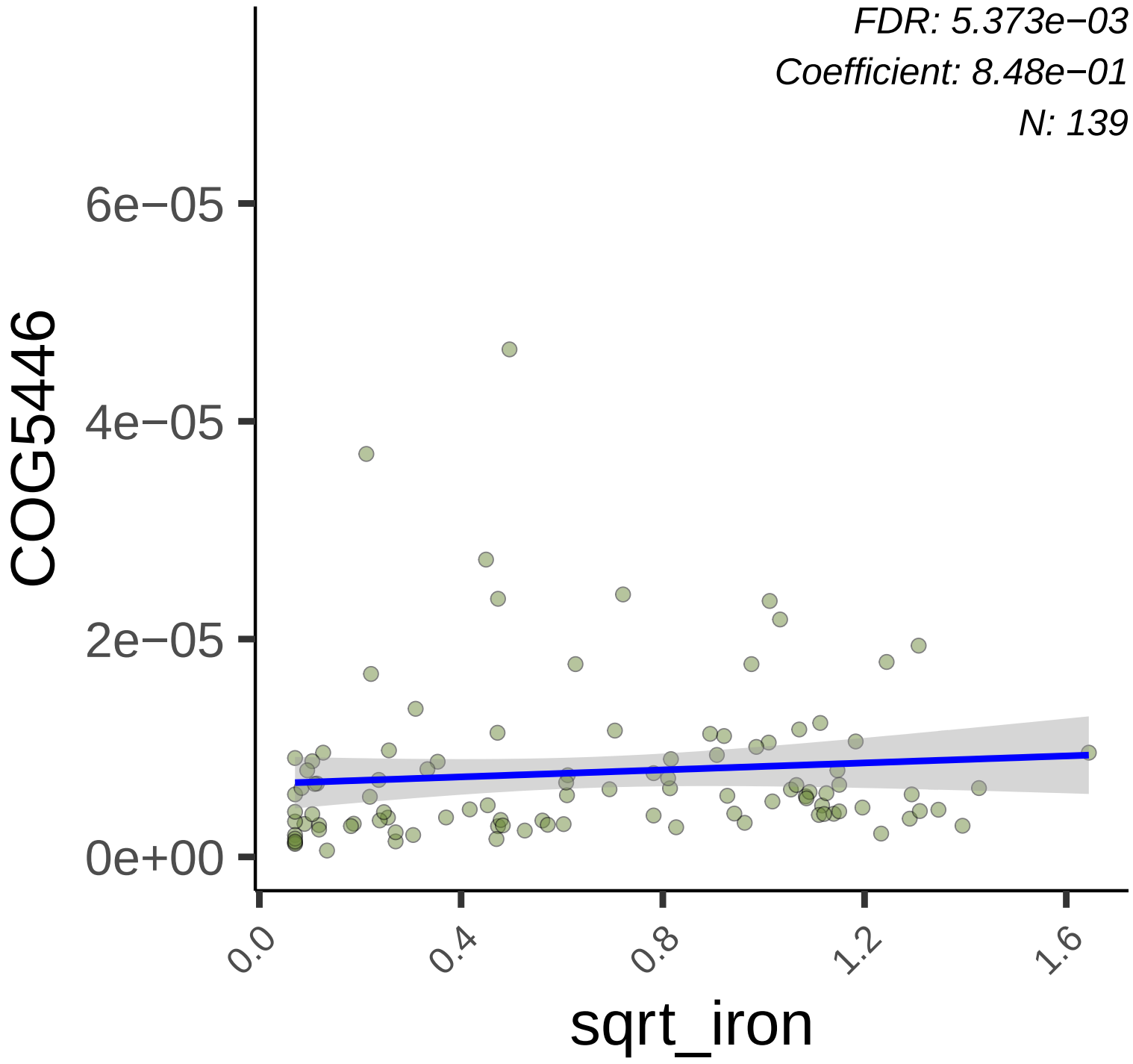
1.6
sqrt_iron


FDR: 5.373e−03
Coefficient: 8.48e−01
N: 139
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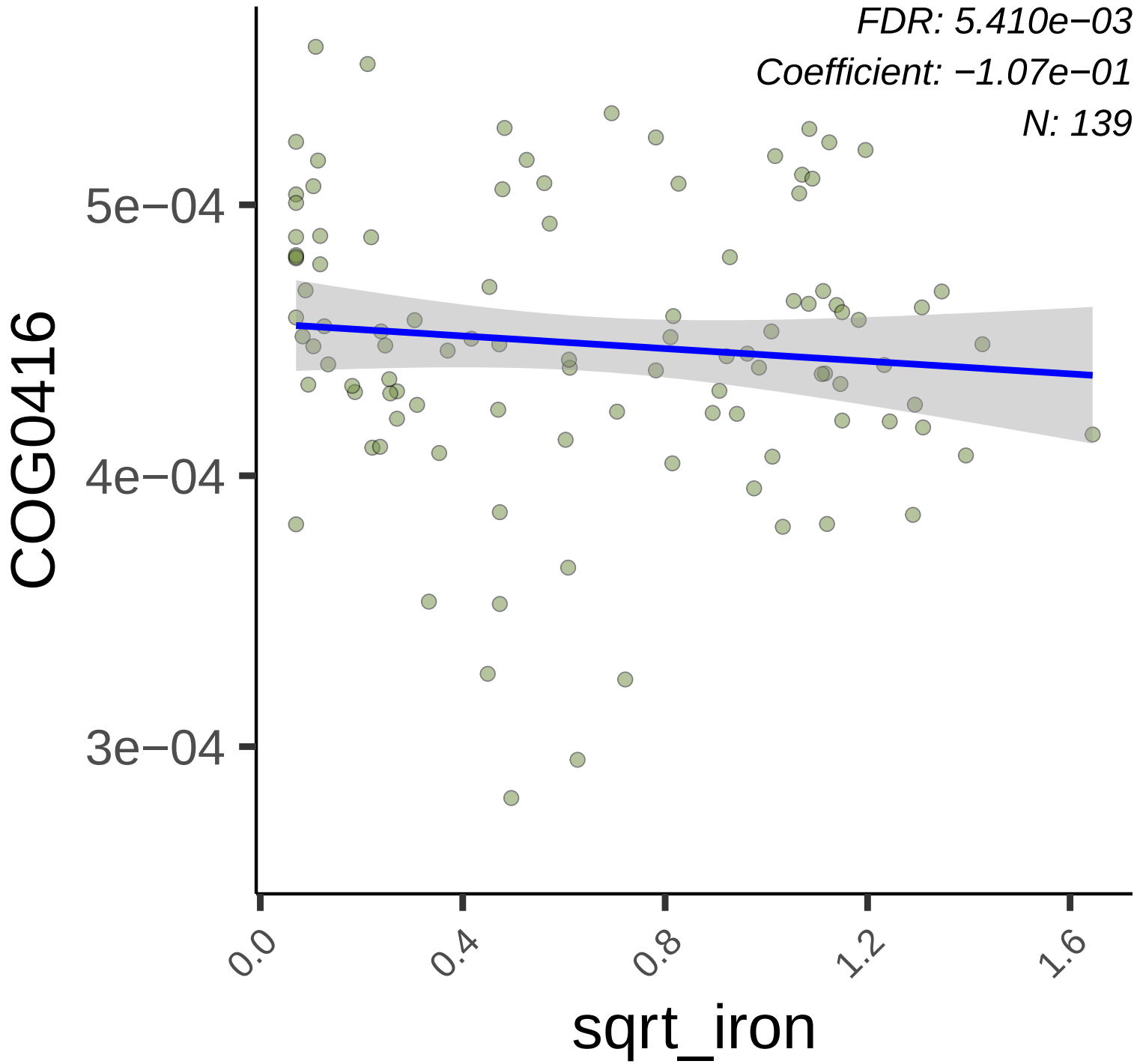
sqrt_iron


FDR: 5.410e−03
Coefficient: −1.07e−01
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COG0416
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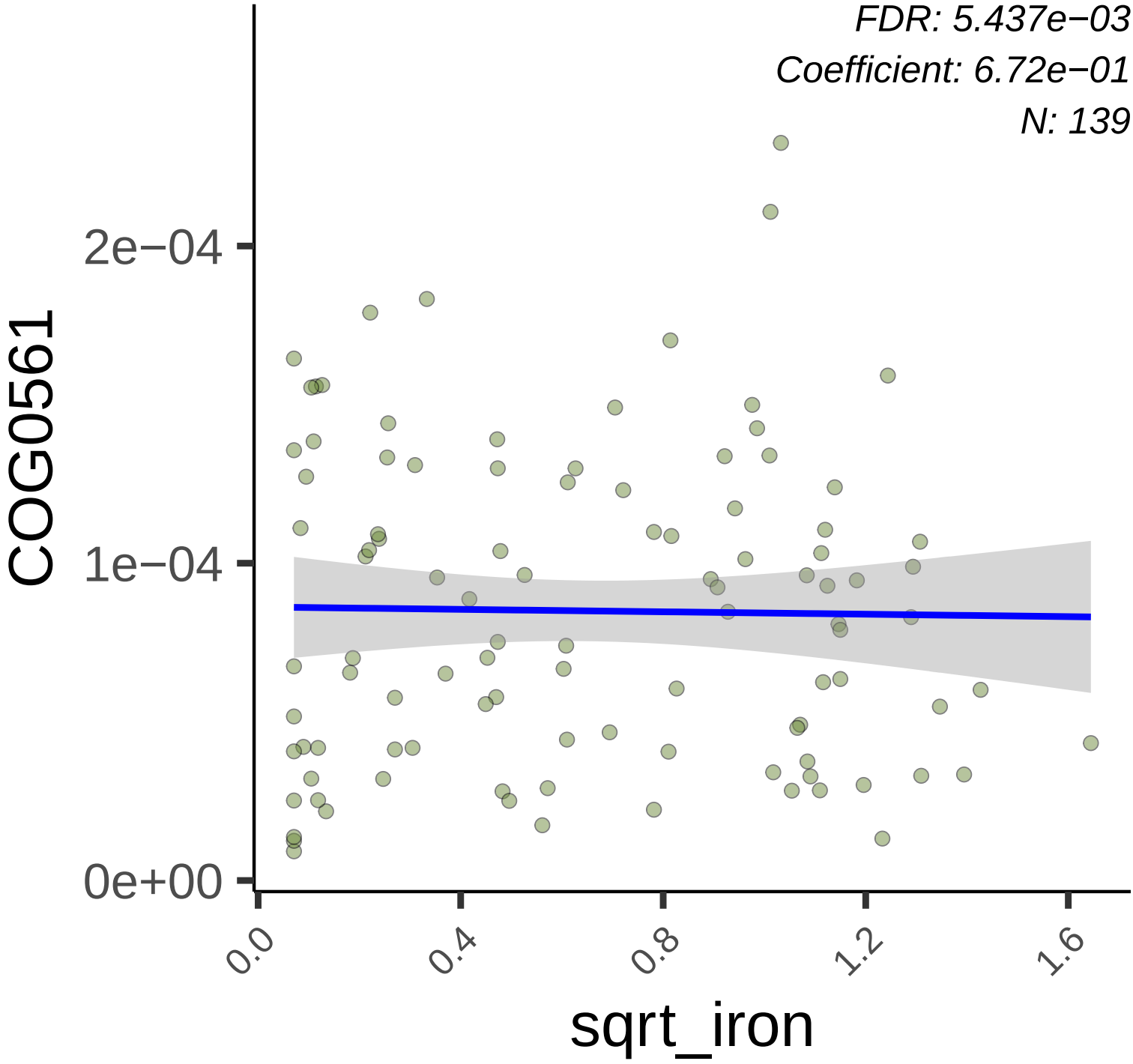
sqrt_iron


FDR: 5.437e−03
Coefficient: 6.72e−01
N: 139
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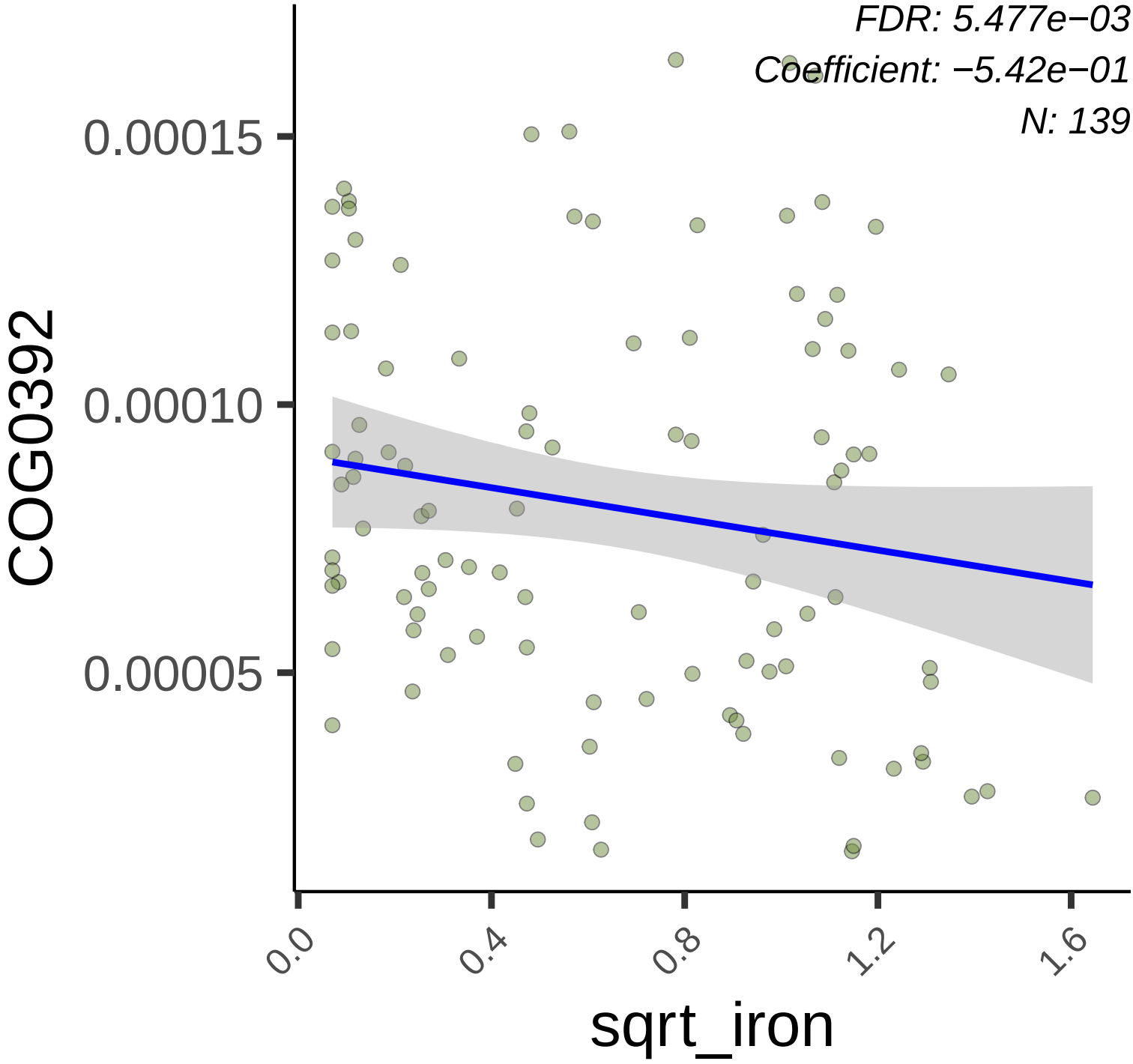
1.6
sqrt_iron


FDR: 5.477e−03
Coefficient: −5.42e−01
N: 139
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COG0392
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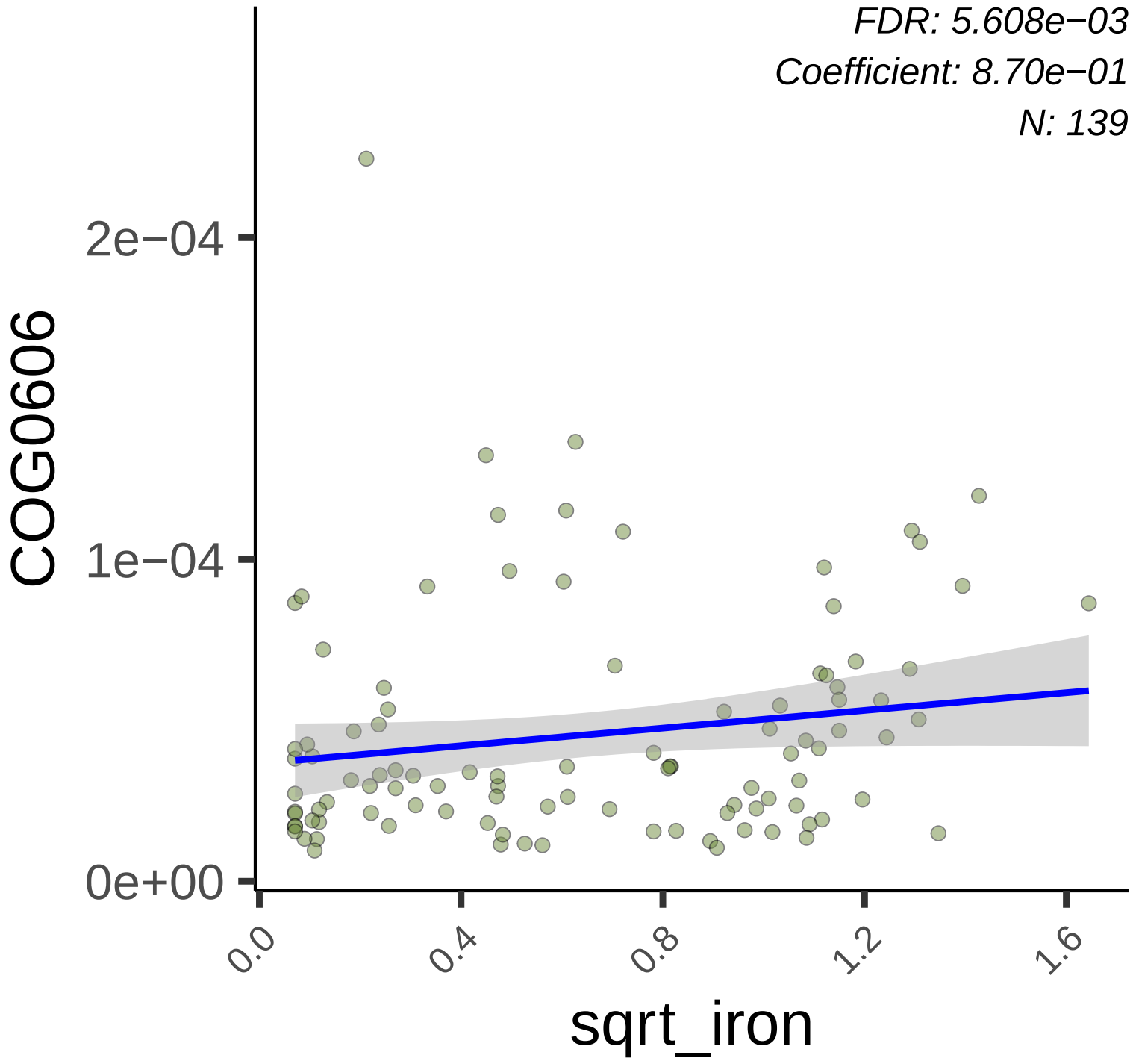
sqrt_iron


FDR: 5.608e−03
Coefficient: 8.70e−01
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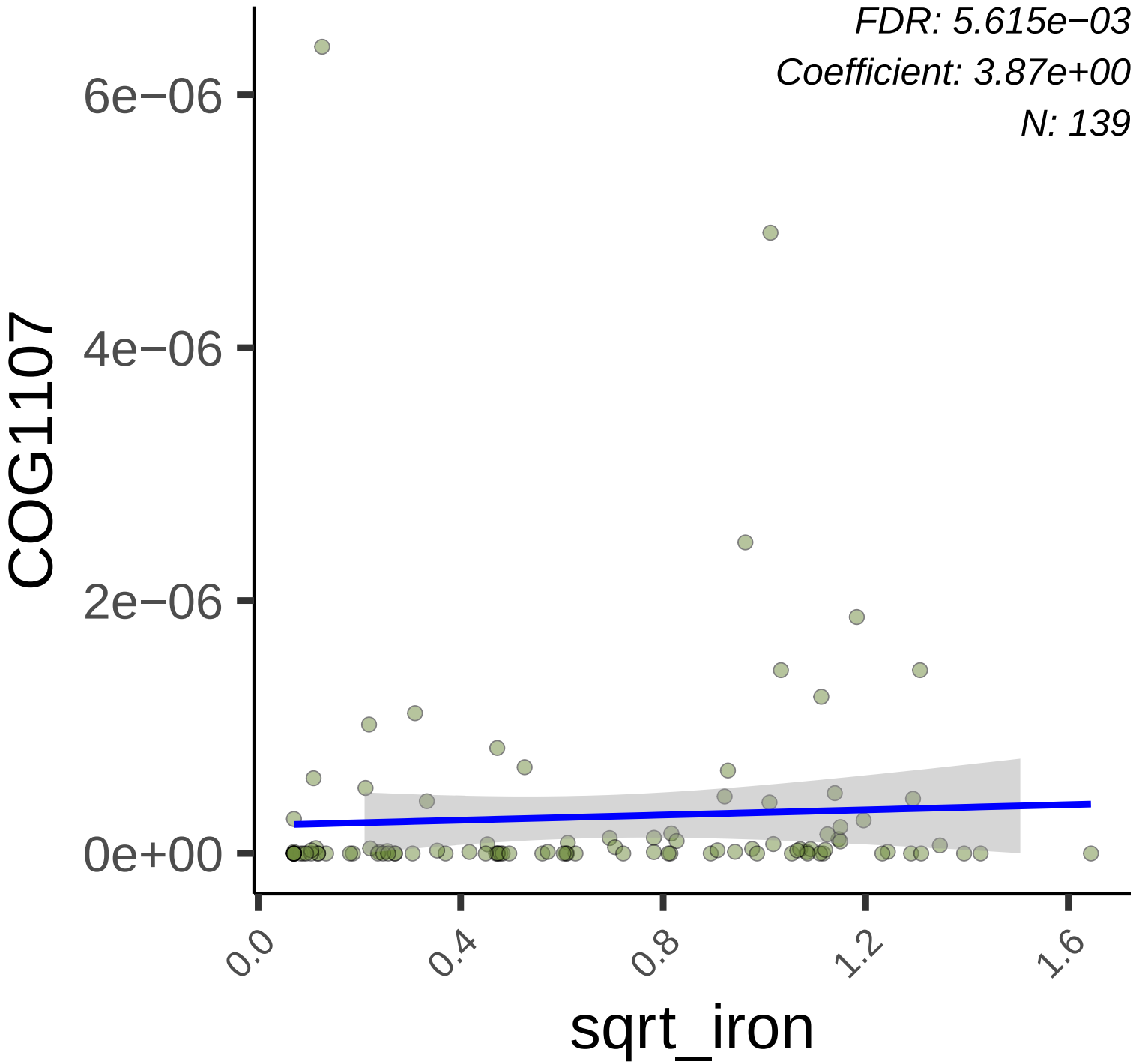
sqrt_iron


FDR: 5.615e−03
Coefficient: 3.87e+00
N: 139
COG1107
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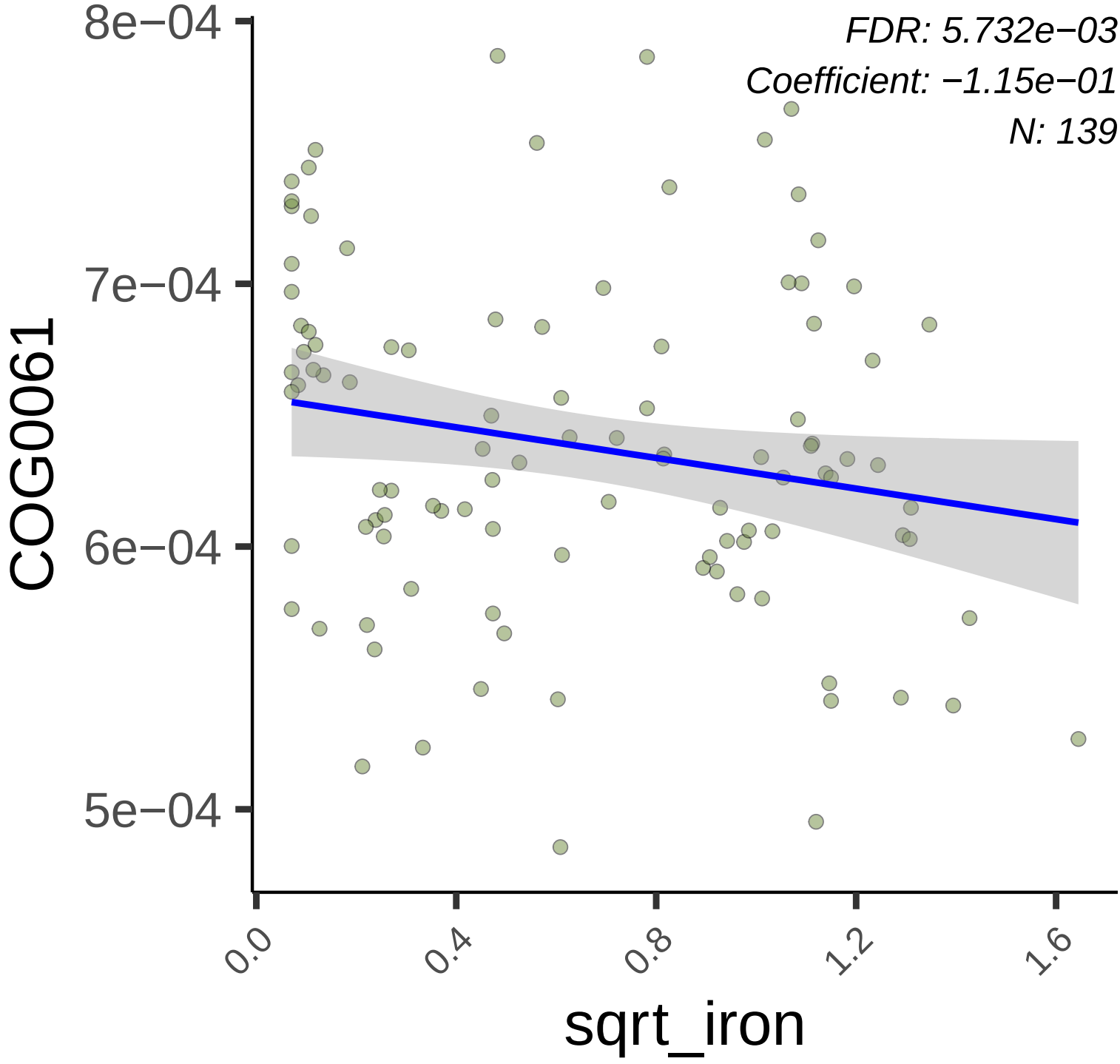
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 5.732e−03
Coefficient: −1.15e−01
N: 139
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COG0061
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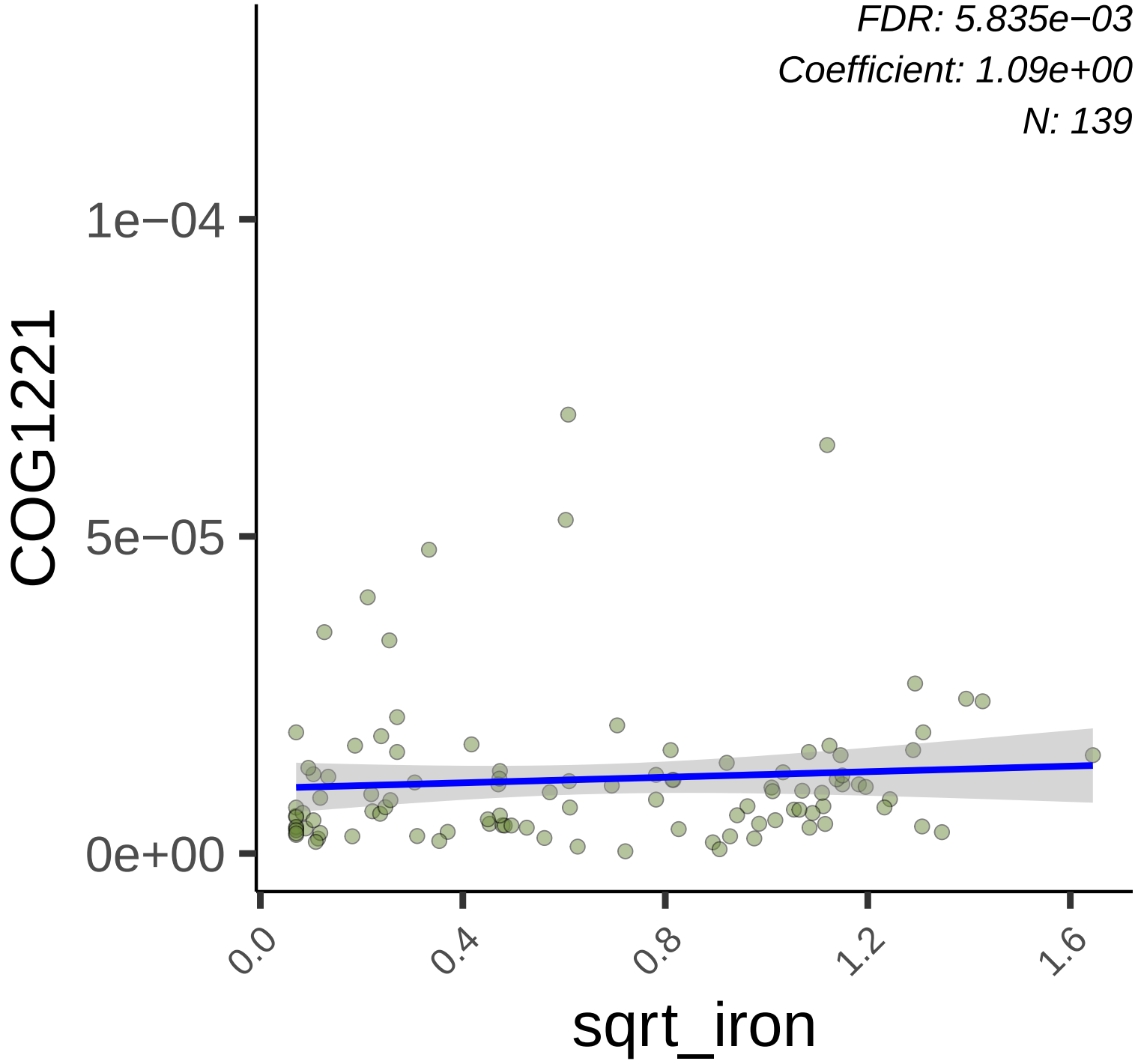
1.6
sqrt_iron


FDR: 5.835e−03
Coefficient: 1.09e+00
N: 139
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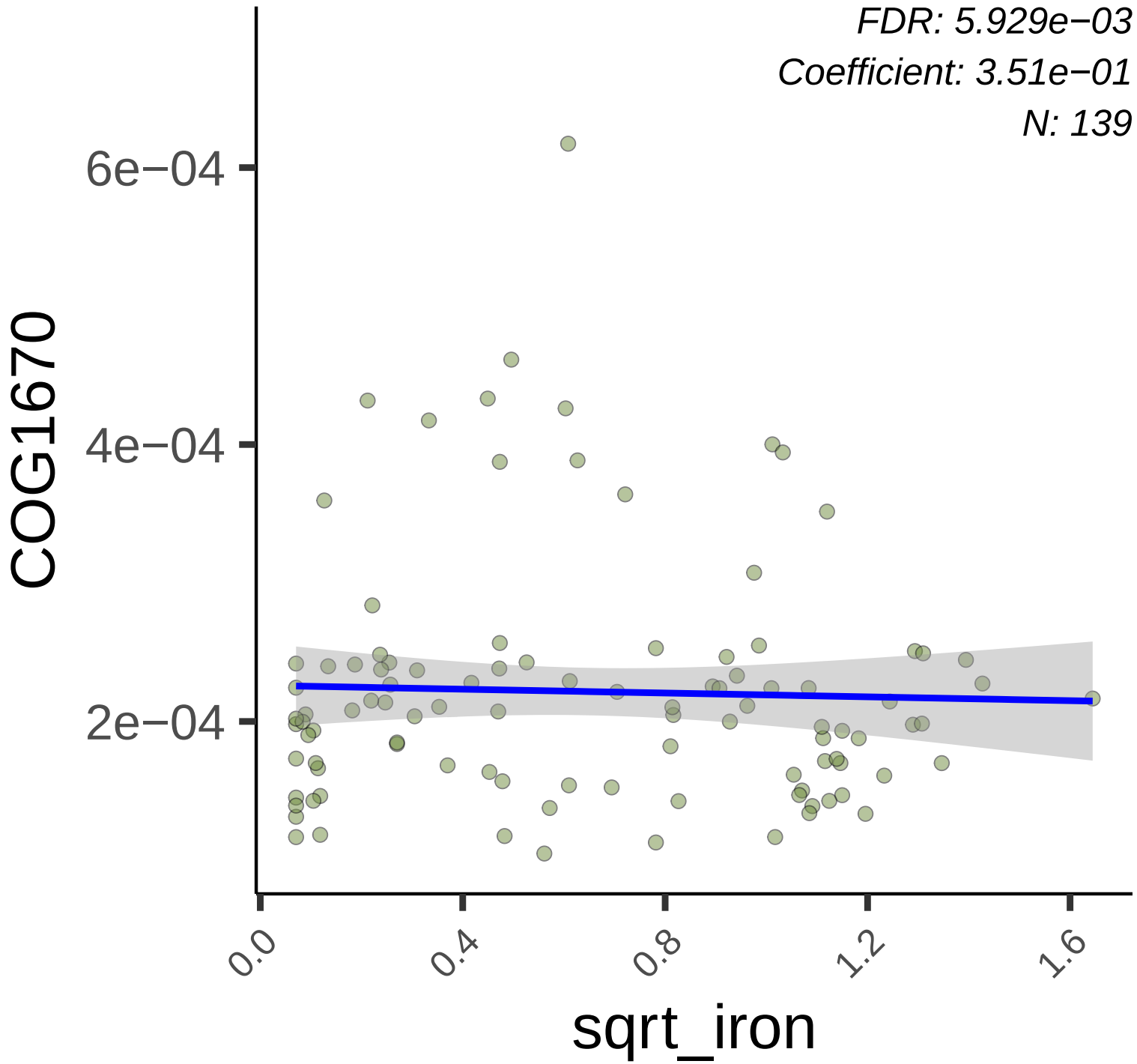
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 5.929e−03
Coefficient: 3.51e−01
N: 139
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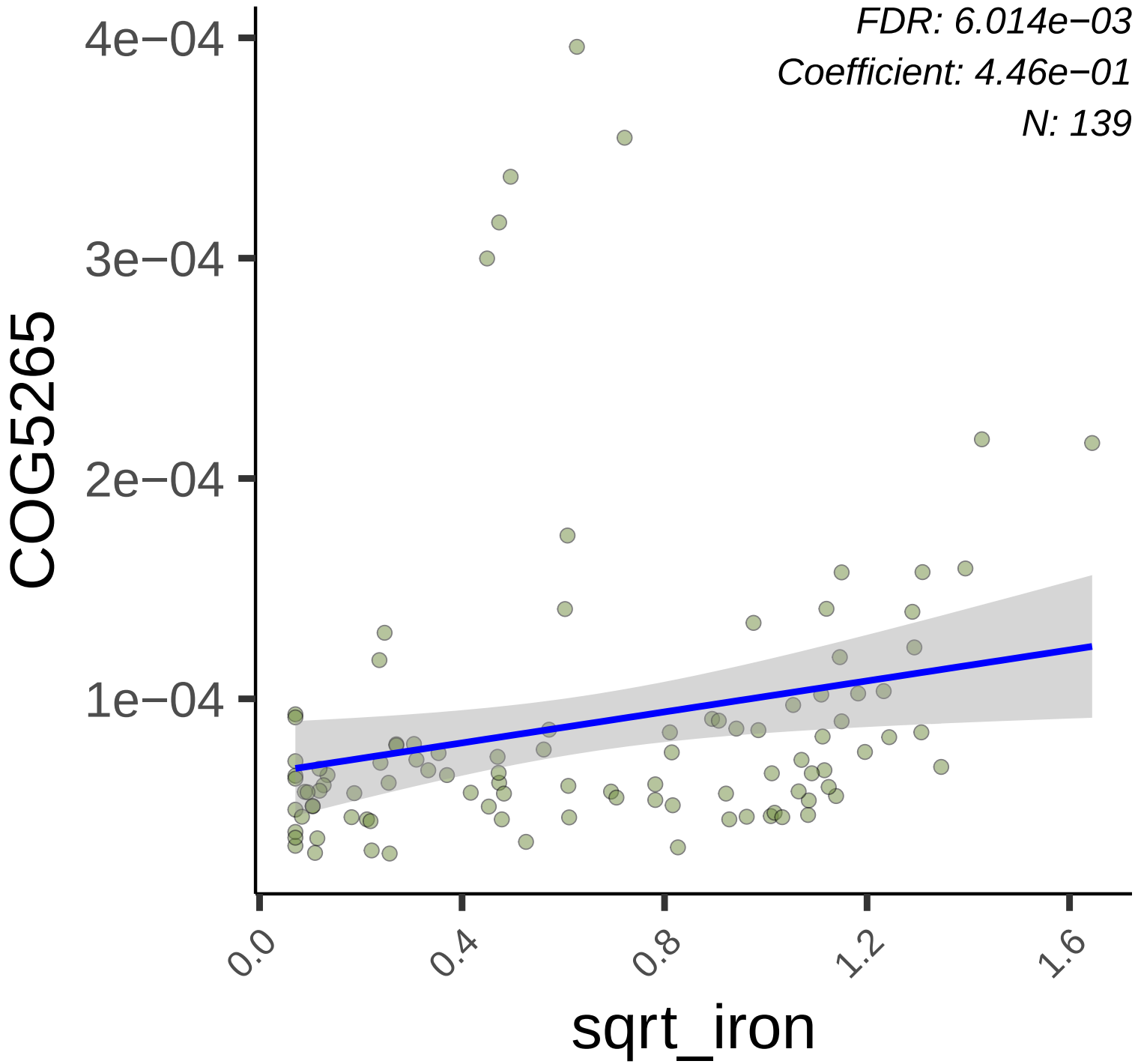
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 6.014e−03
Coefficient: 4.46e−01
N: 139
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2e−04
1e−04
COG5265
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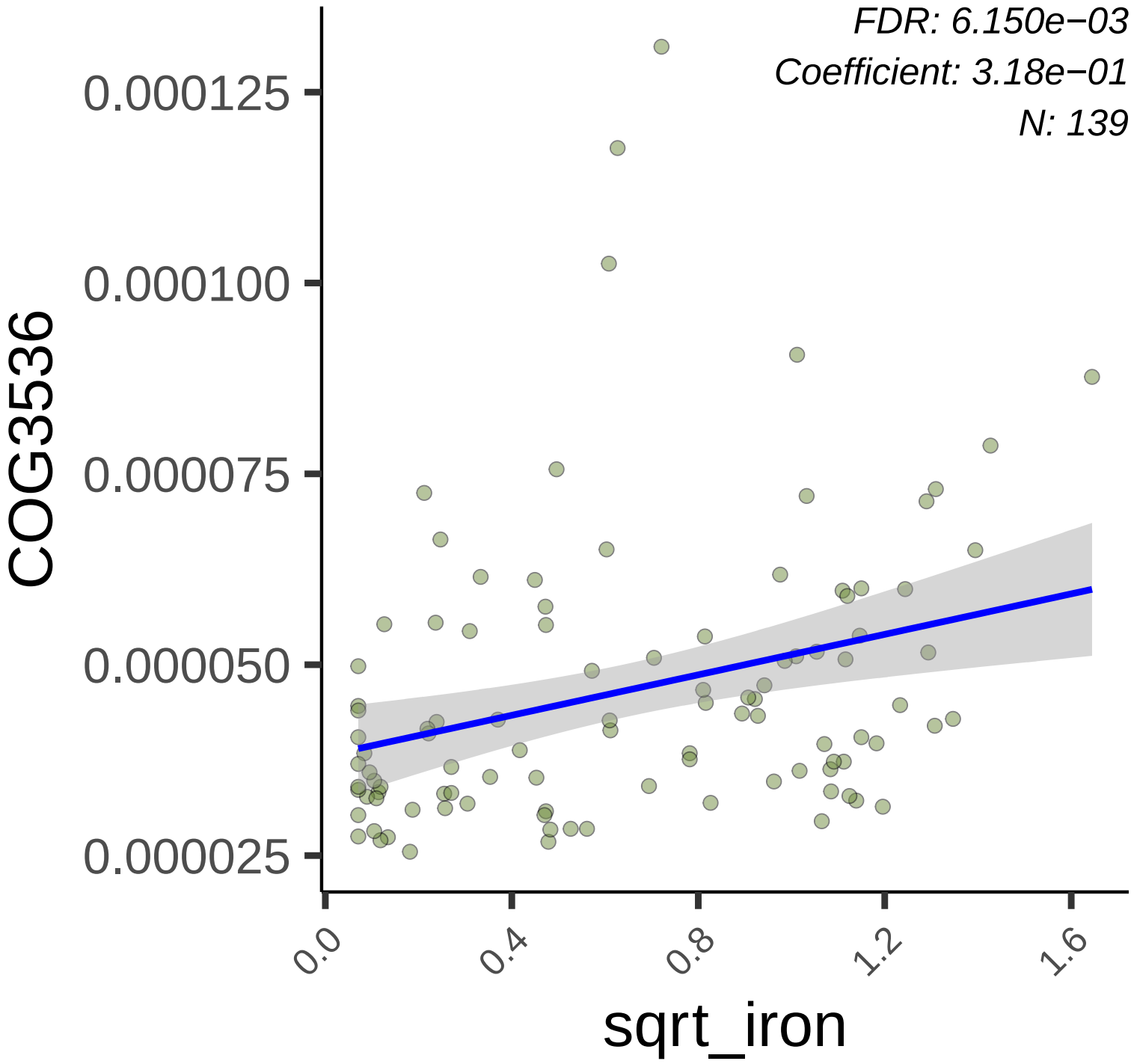
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 6.150e−03
Coefficient: 3.18e−01
N: 139
COG3536
0.000125
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0.000075
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0.000025
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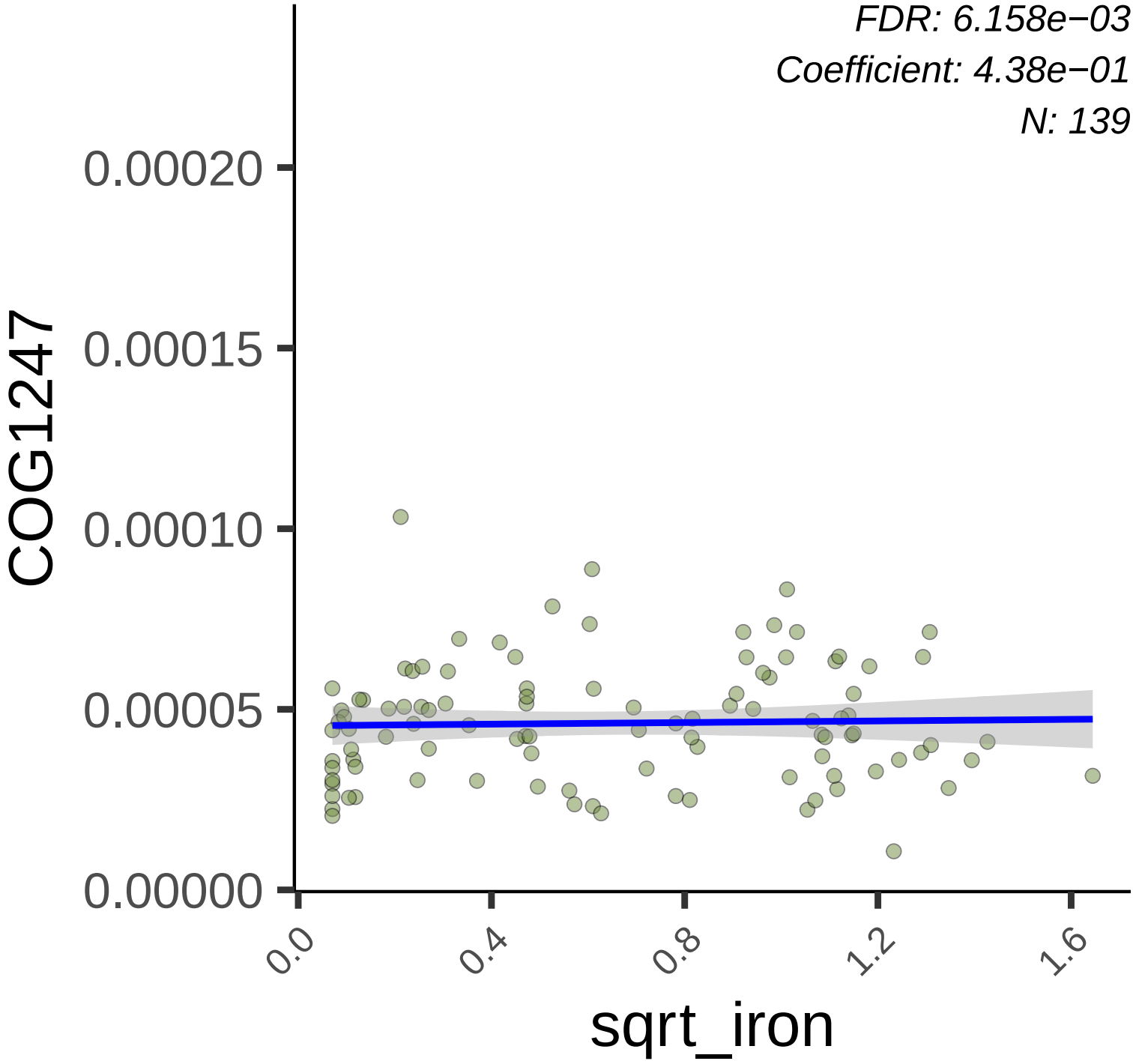
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 6.158e−03
Coefficient: 4.38e−01
N: 139
COG1247
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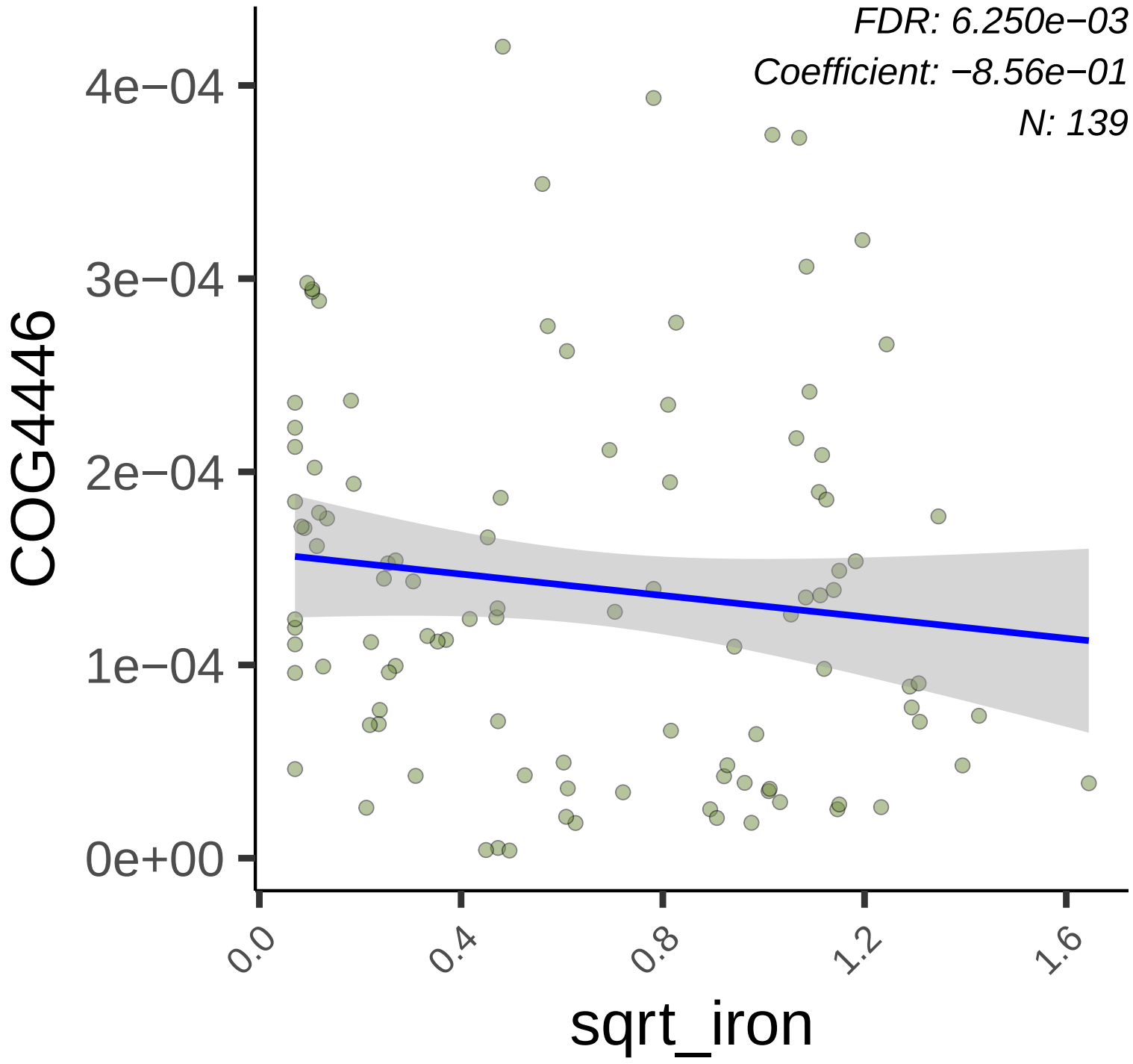
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 6.250e−03
Coefficient: −8.56e−01
N: 139
COG4446
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3e−04
2e−04
1e−04
0e+00
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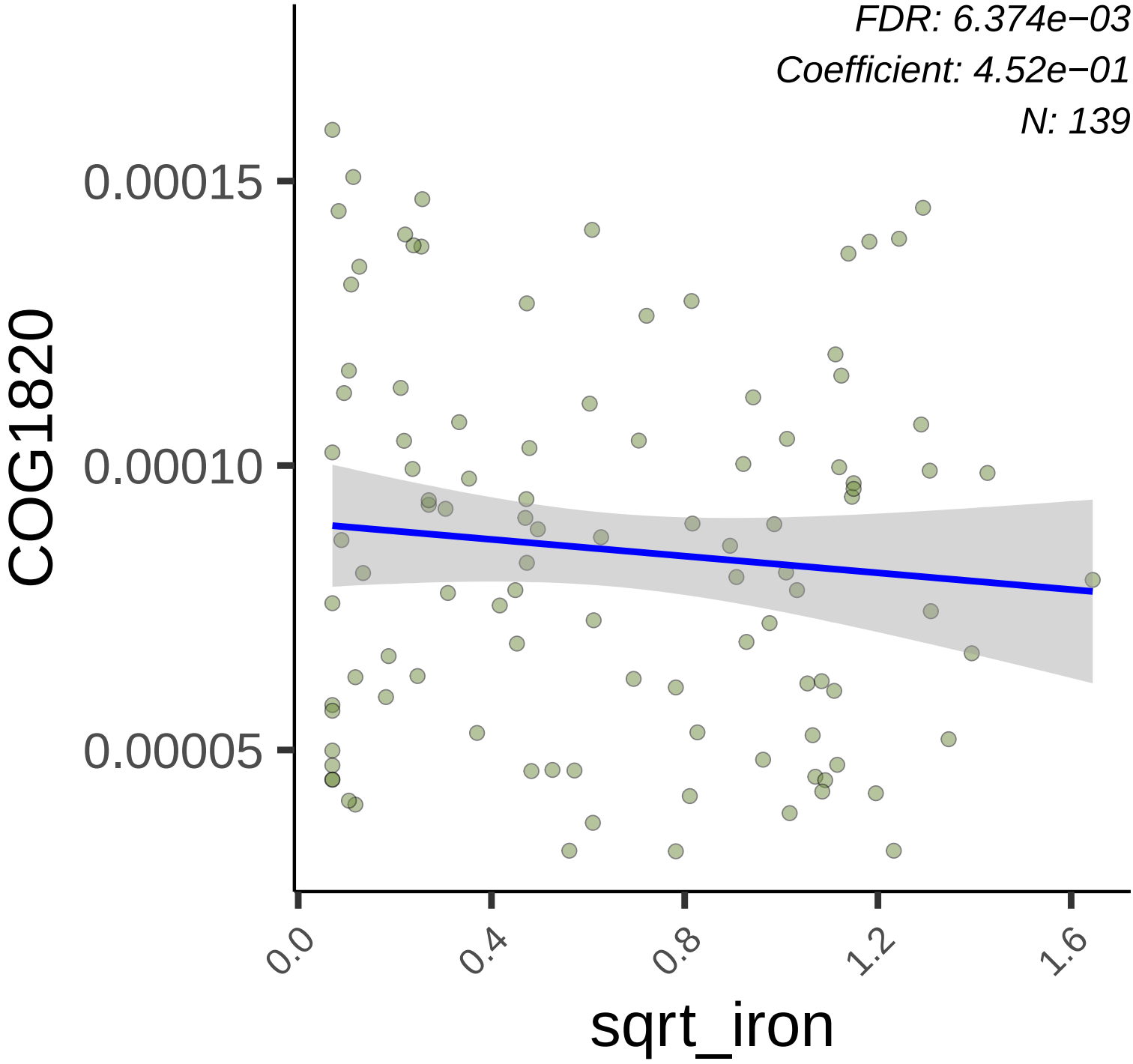
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 6.374e−03
Coefficient: 4.52e−01
N: 139
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0.00010
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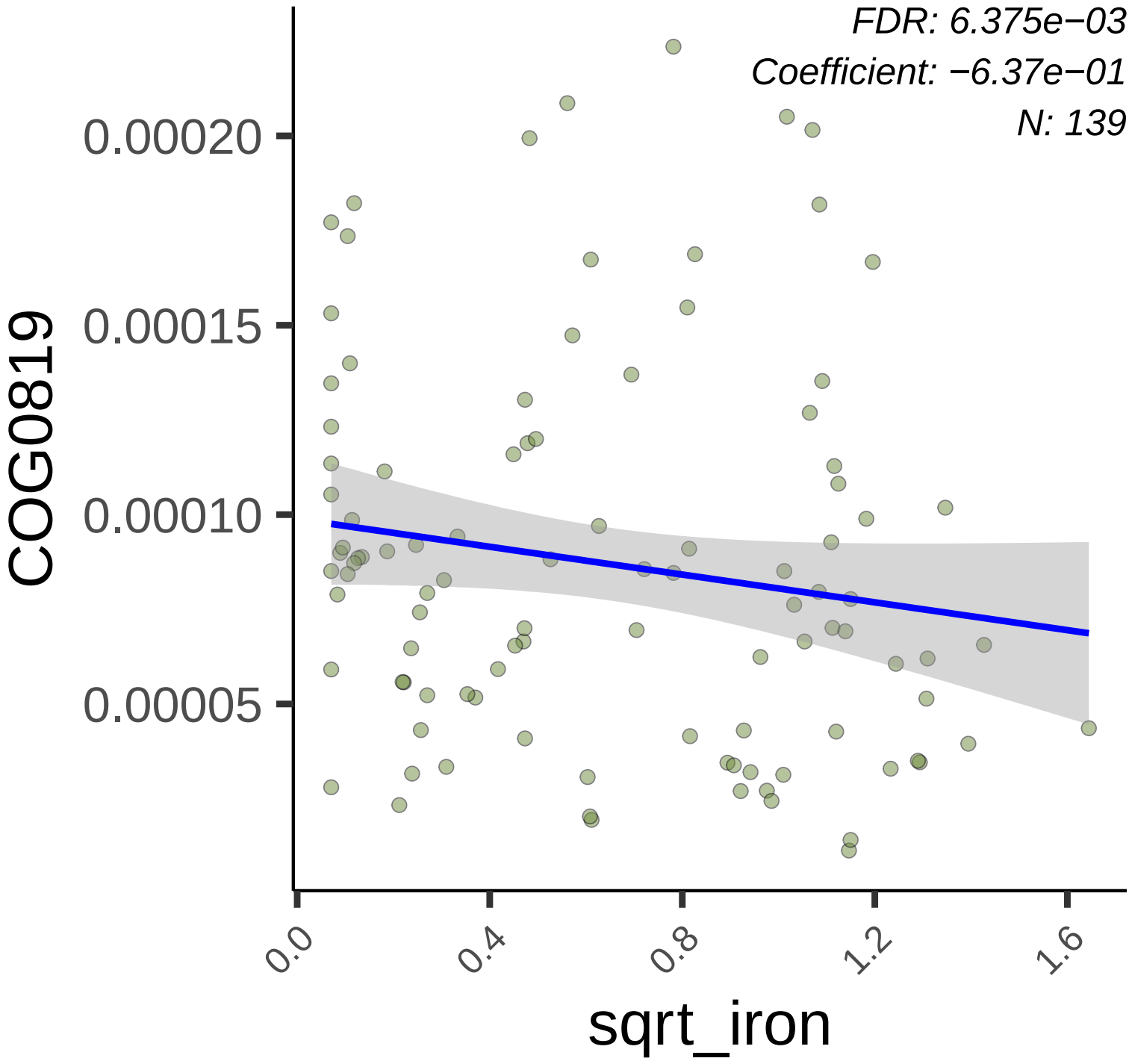
COG1820
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 6.375e−03
Coefficient: −6.37e−01
N: 139
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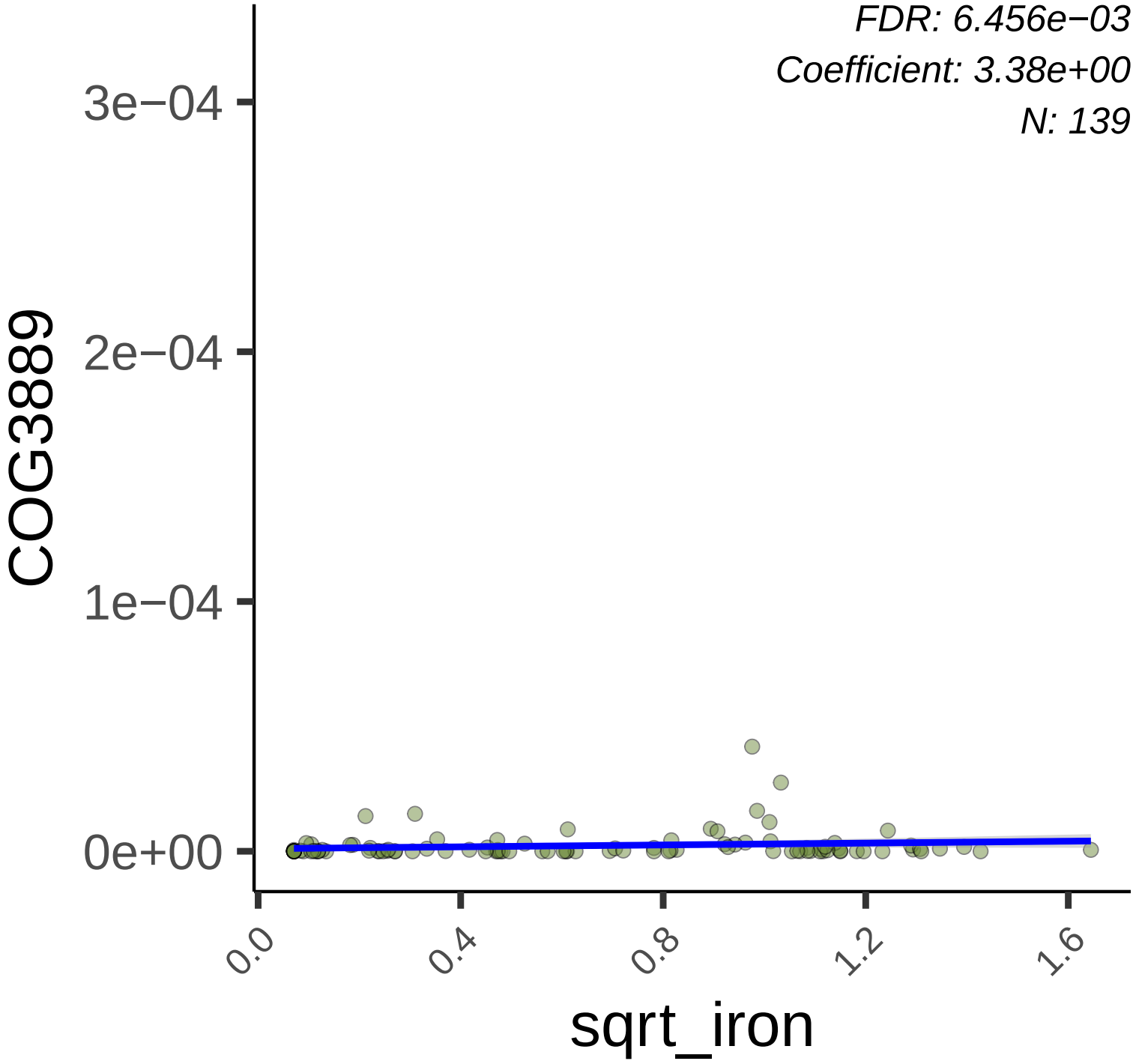
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 6.456e−03
Coefficient: 3.38e+00
N: 139
COG3889
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2e−04
1e−04
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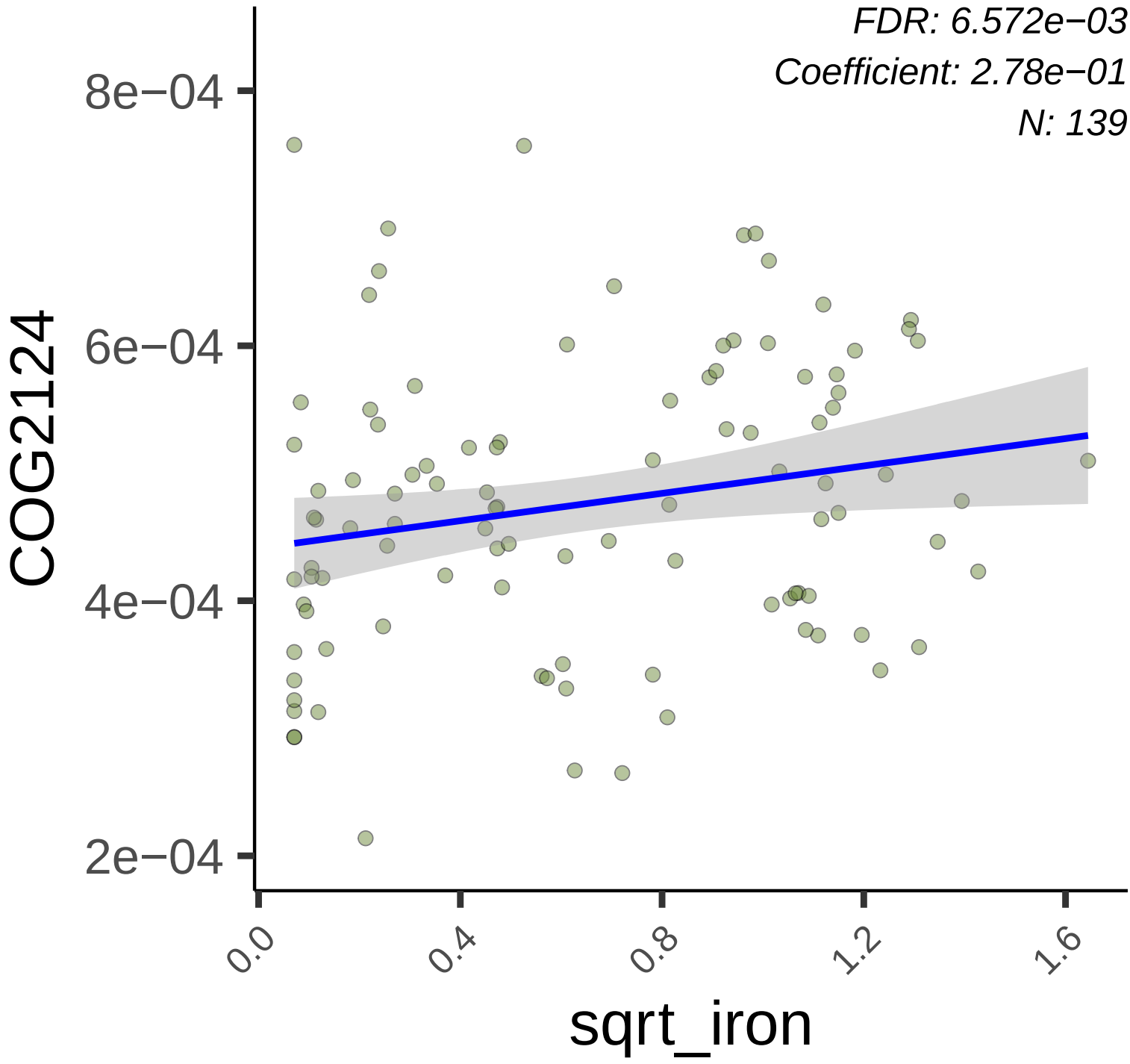
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 6.572e−03
Coefficient: 2.78e−01
N: 139
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4e−04
2e−04
COG2124
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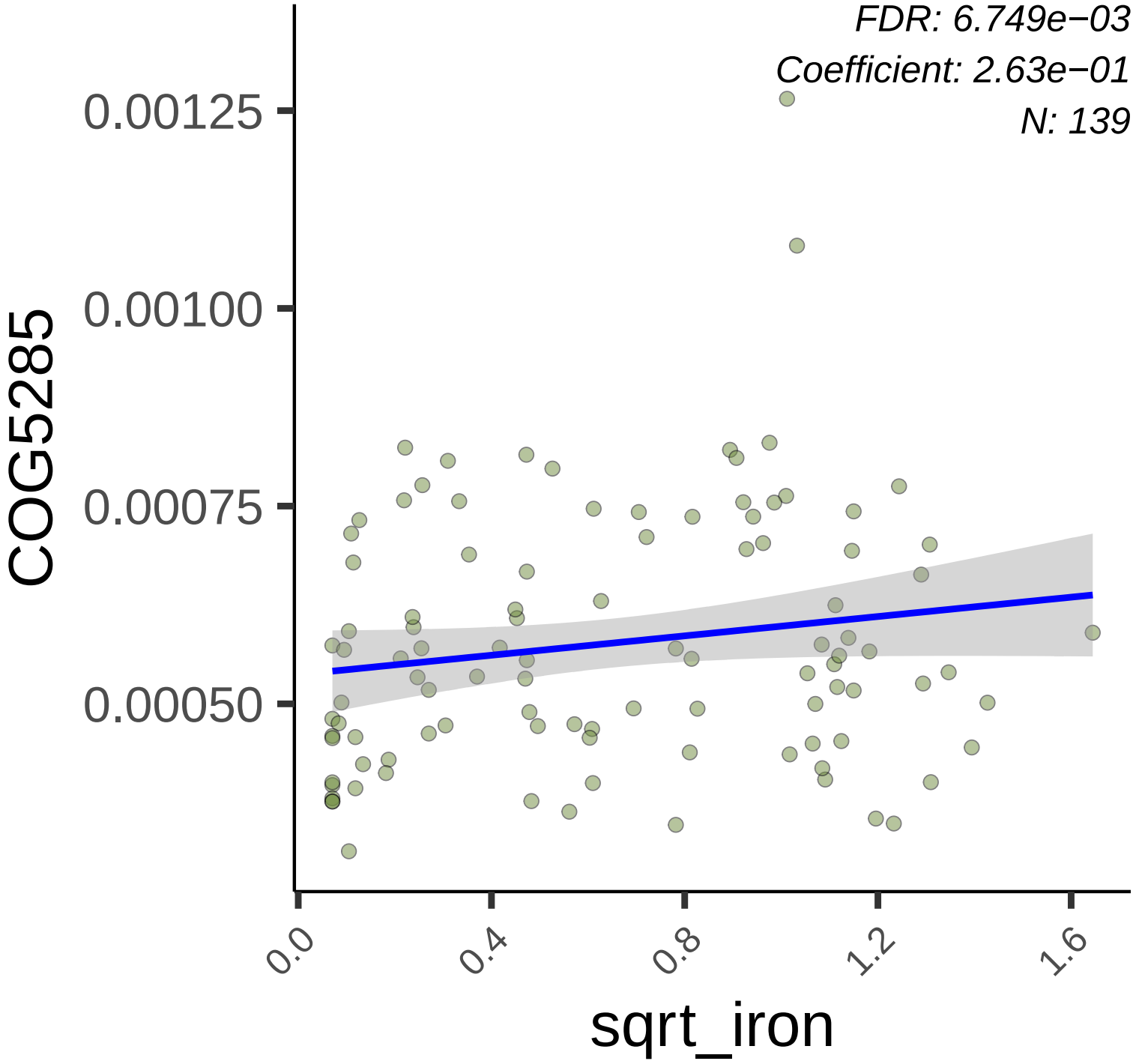
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 6.749e−03
Coefficient: 2.63e−01
N: 139
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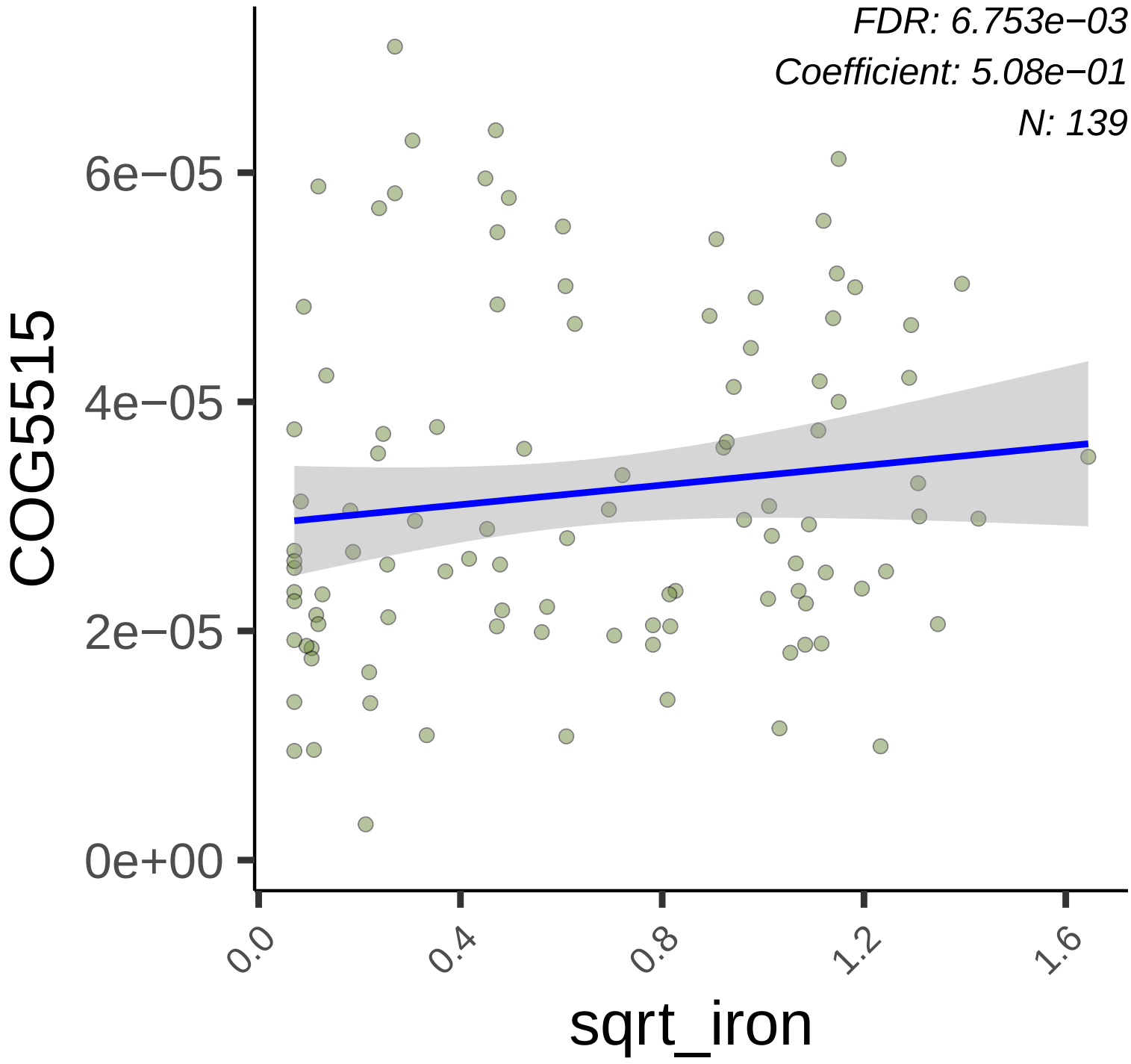
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 6.753e−03
Coefficient: 5.08e−01
N: 139
COG5515
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4e−05
2e−05
0e+00
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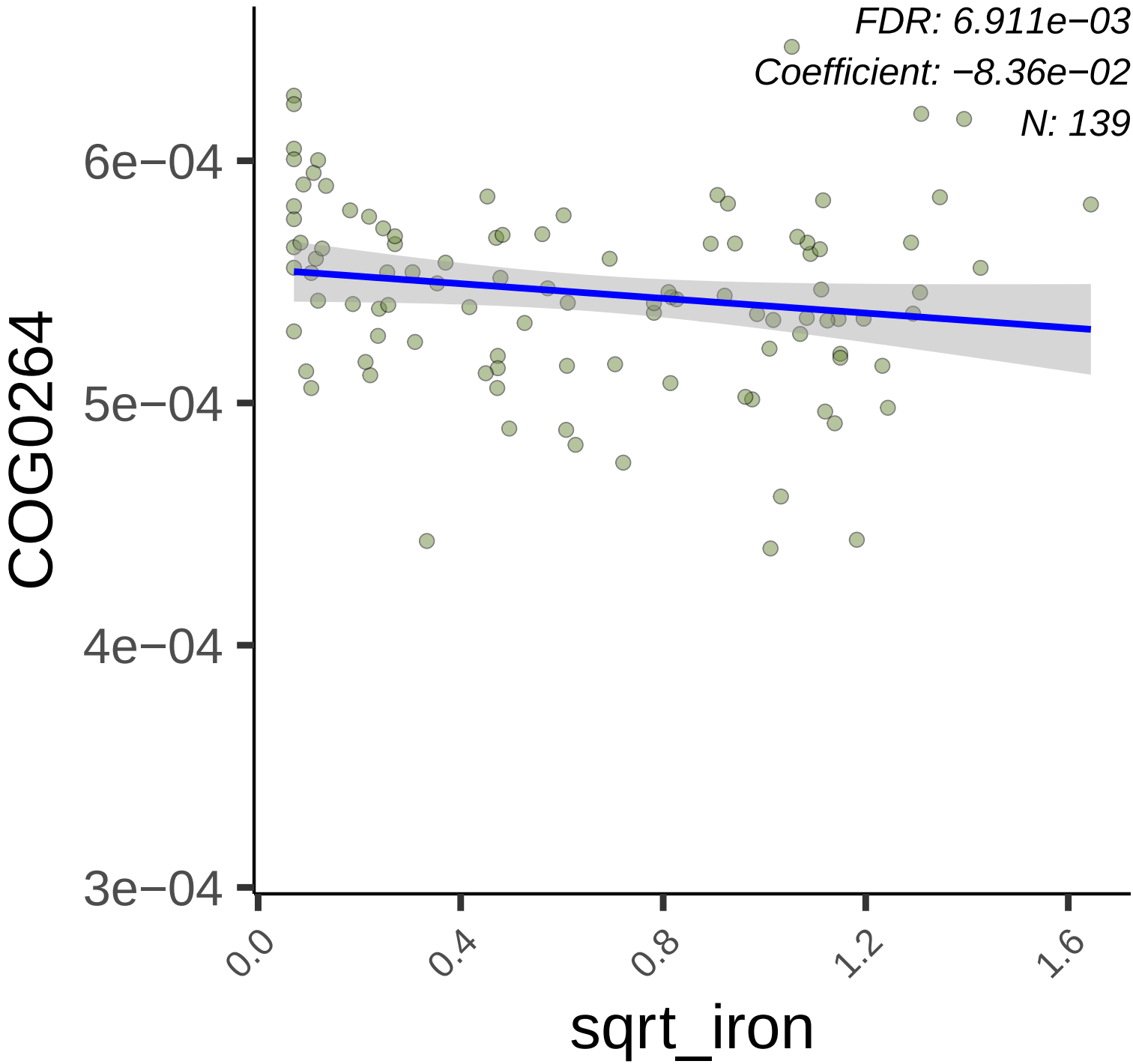
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 6.911e−03
Coefficient: −8.36e−02
N: 139
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COG0264
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0.4
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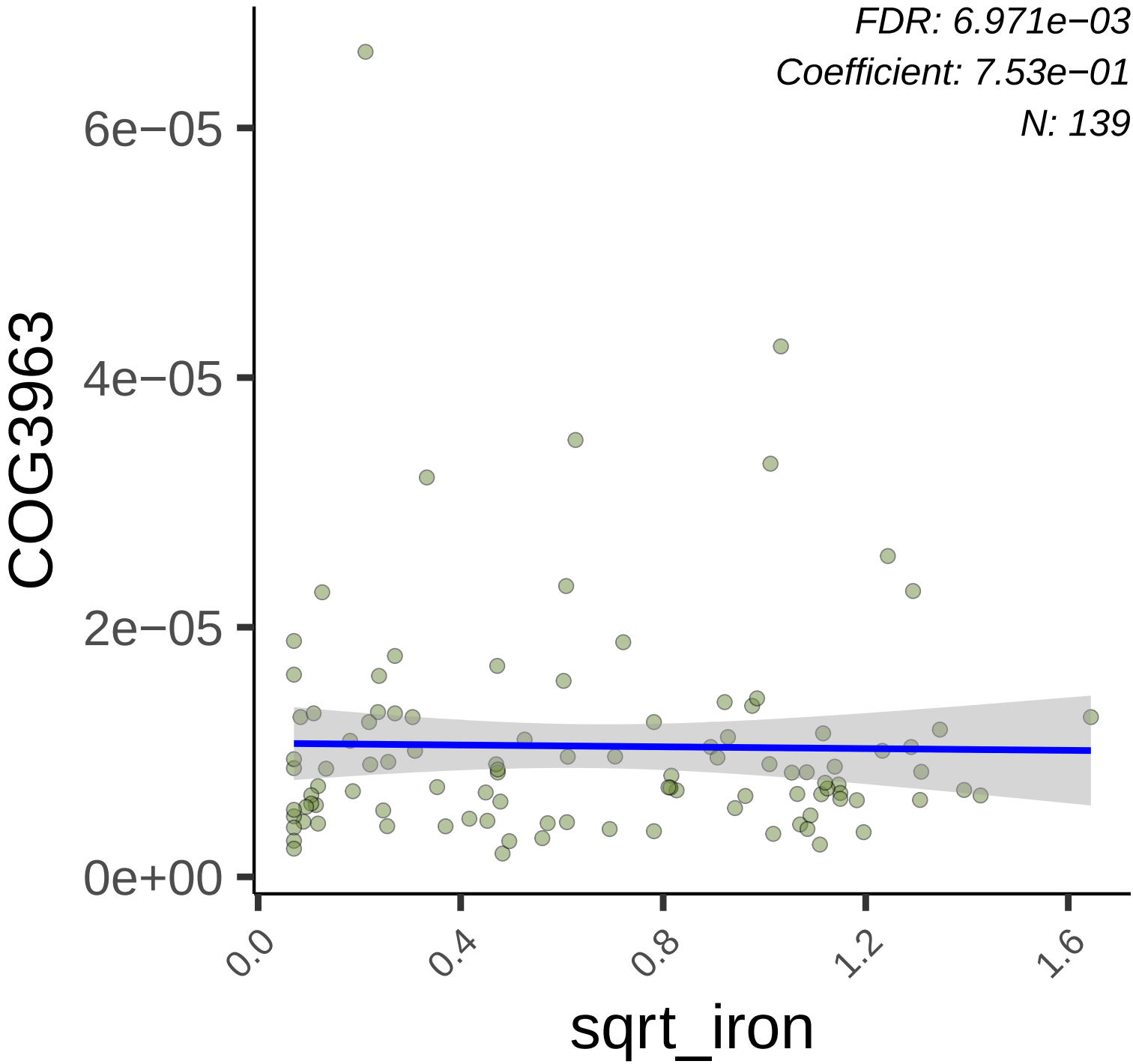
sqrt_iron


FDR: 6.971e−03
Coefficient: 7.53e−01
N: 139
COG3963
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4e−05
2e−05
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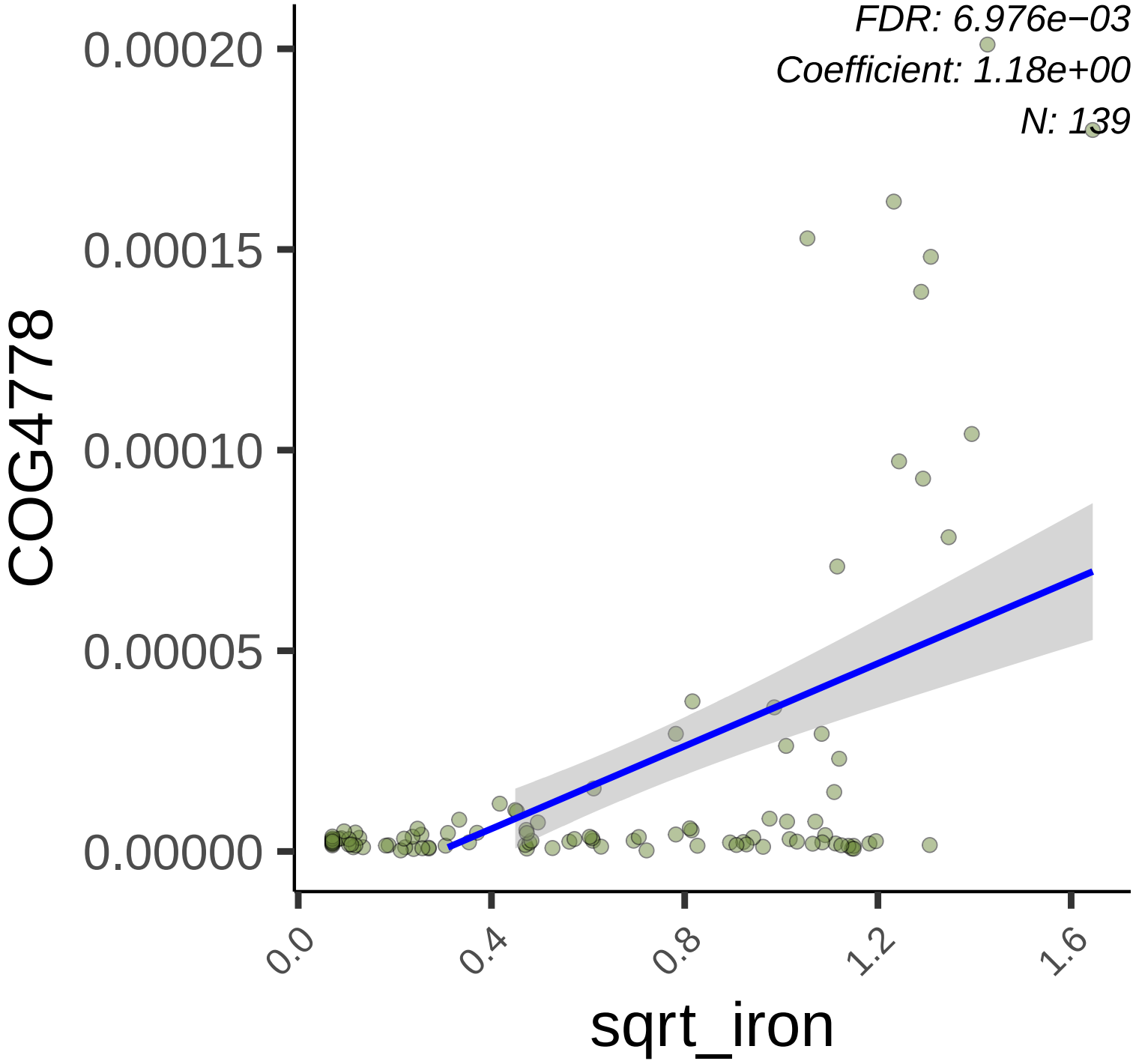
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 6.976e−03
Coefficient: 1.18e+00
N: 139
COG4778
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0.4
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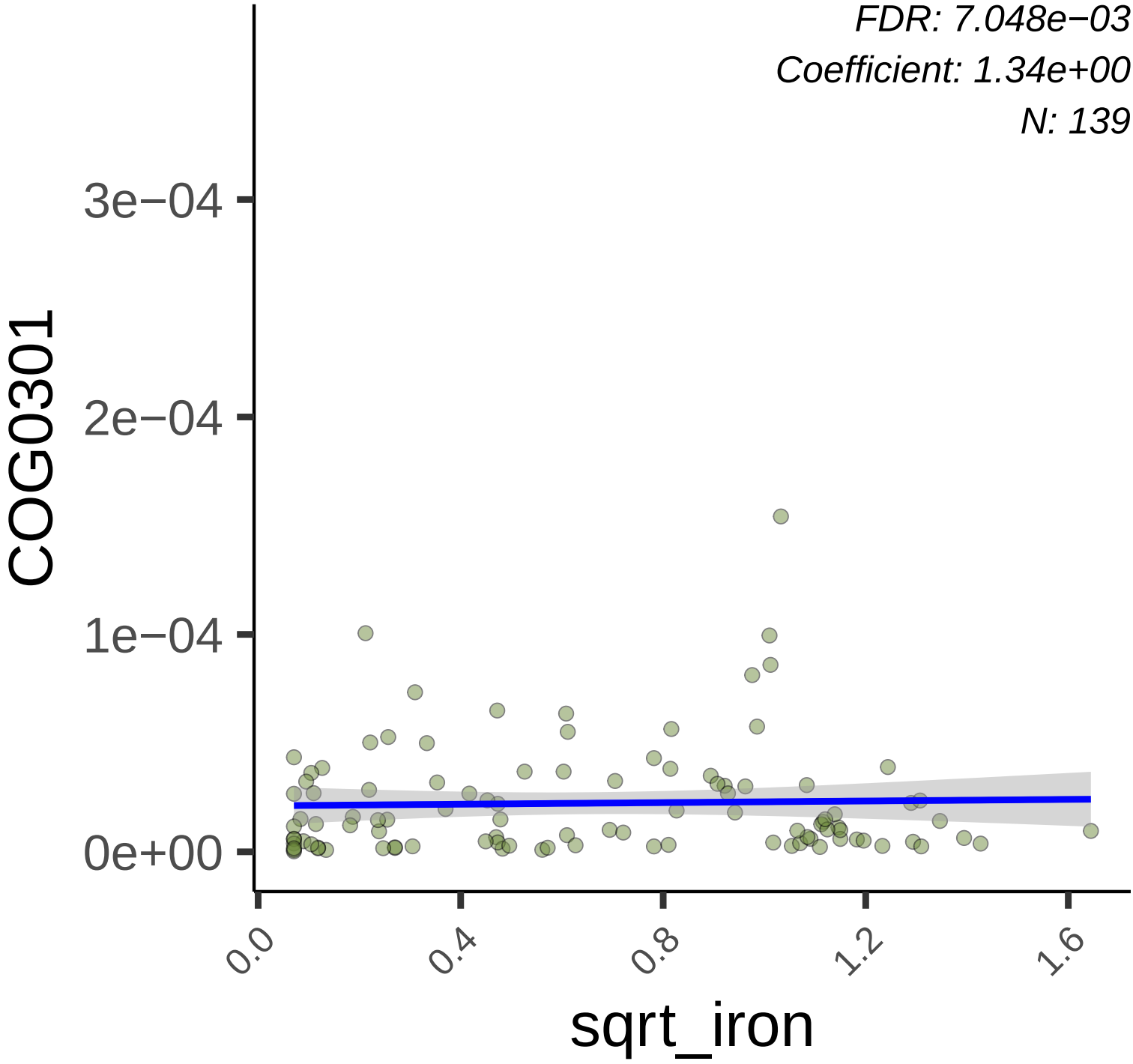
1.2
1.6
sqrt_iron


FDR: 7.048e−03
Coefficient: 1.34e+00
N: 139
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1e−04
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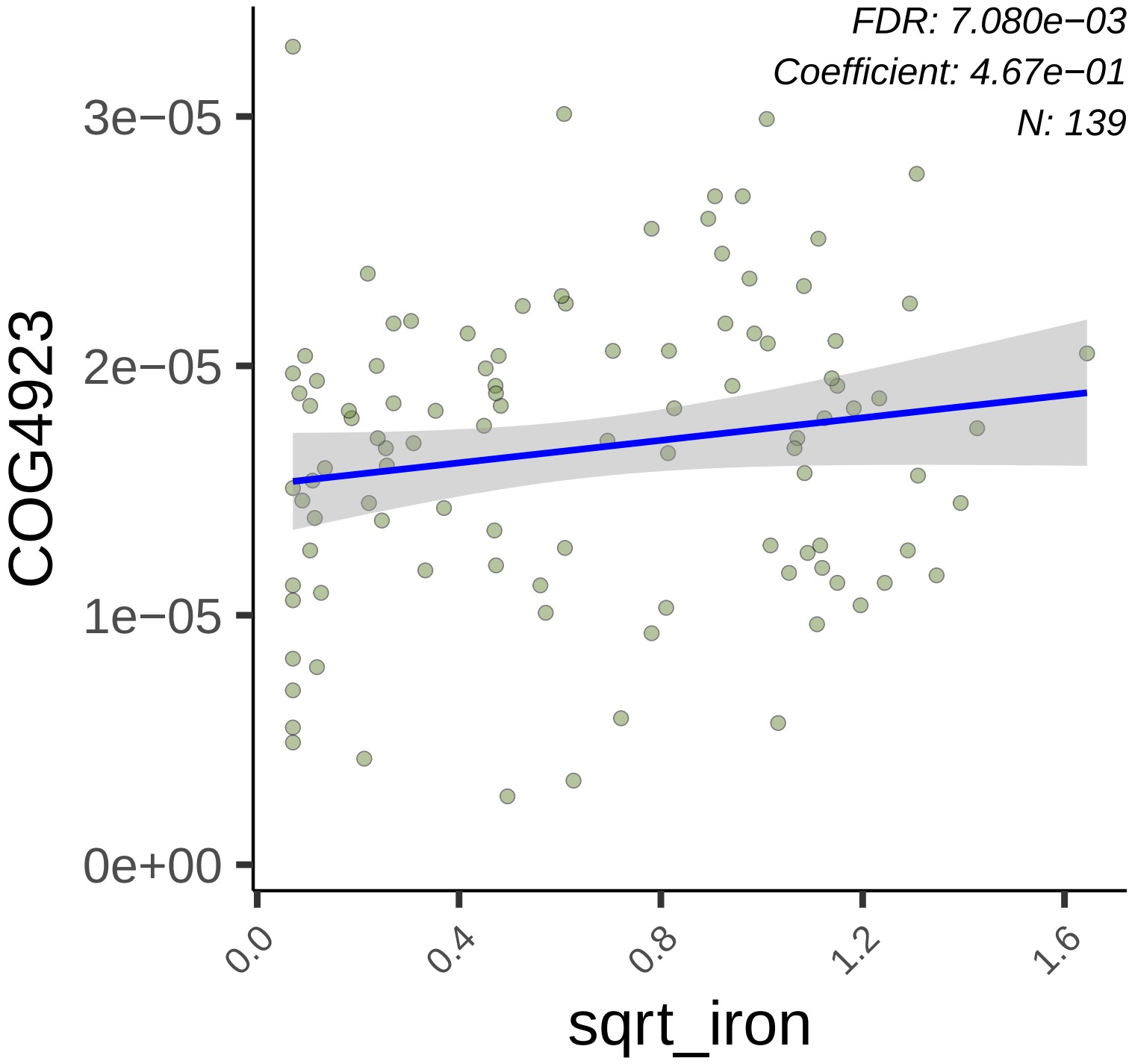
1.2
1.6
sqrt_iron


FDR: 7.080e−03
Coefficient: 4.67e−01
N: 139
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1e−05
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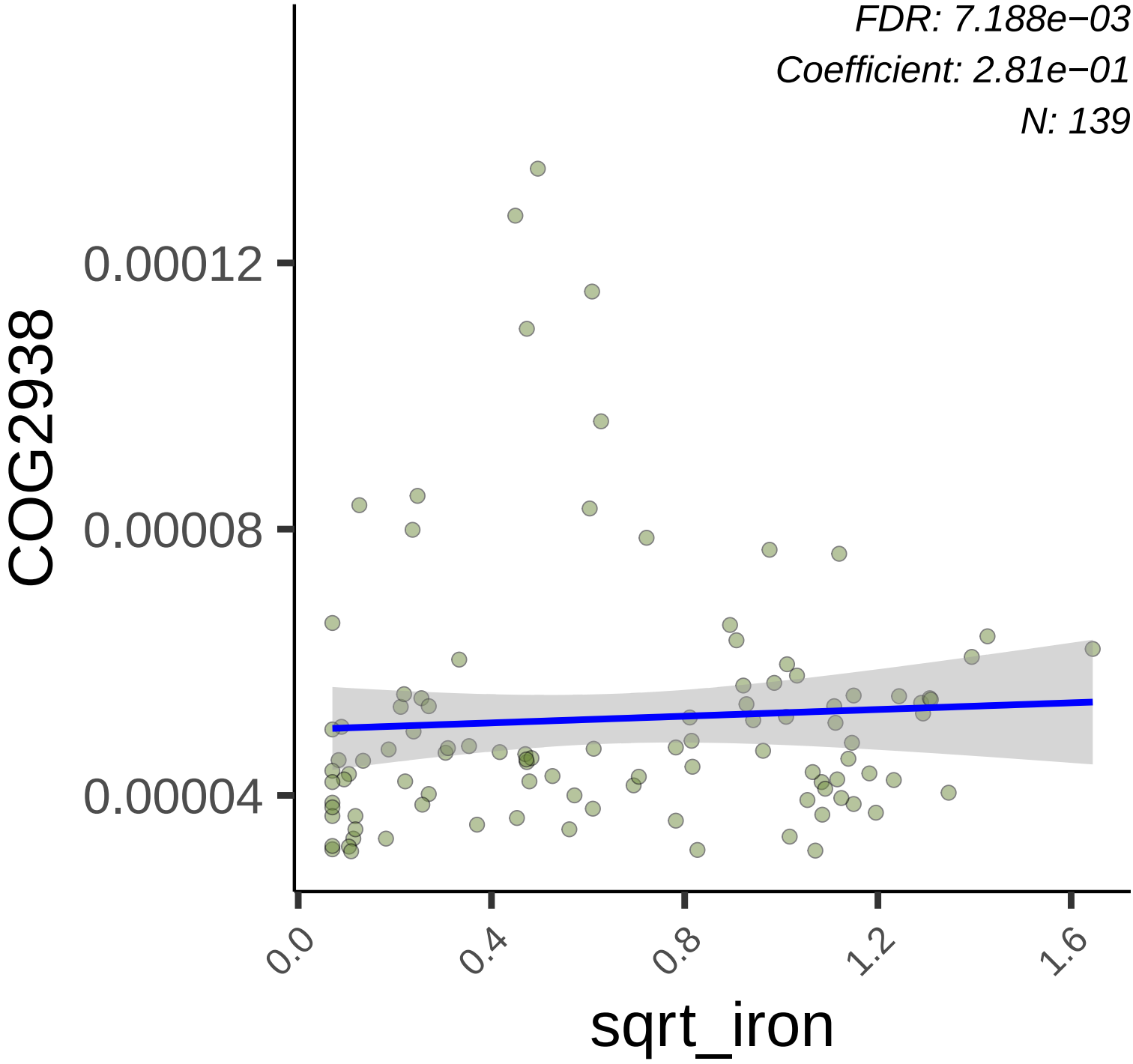
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 7.188e−03
Coefficient: 2.81e−01
N: 139
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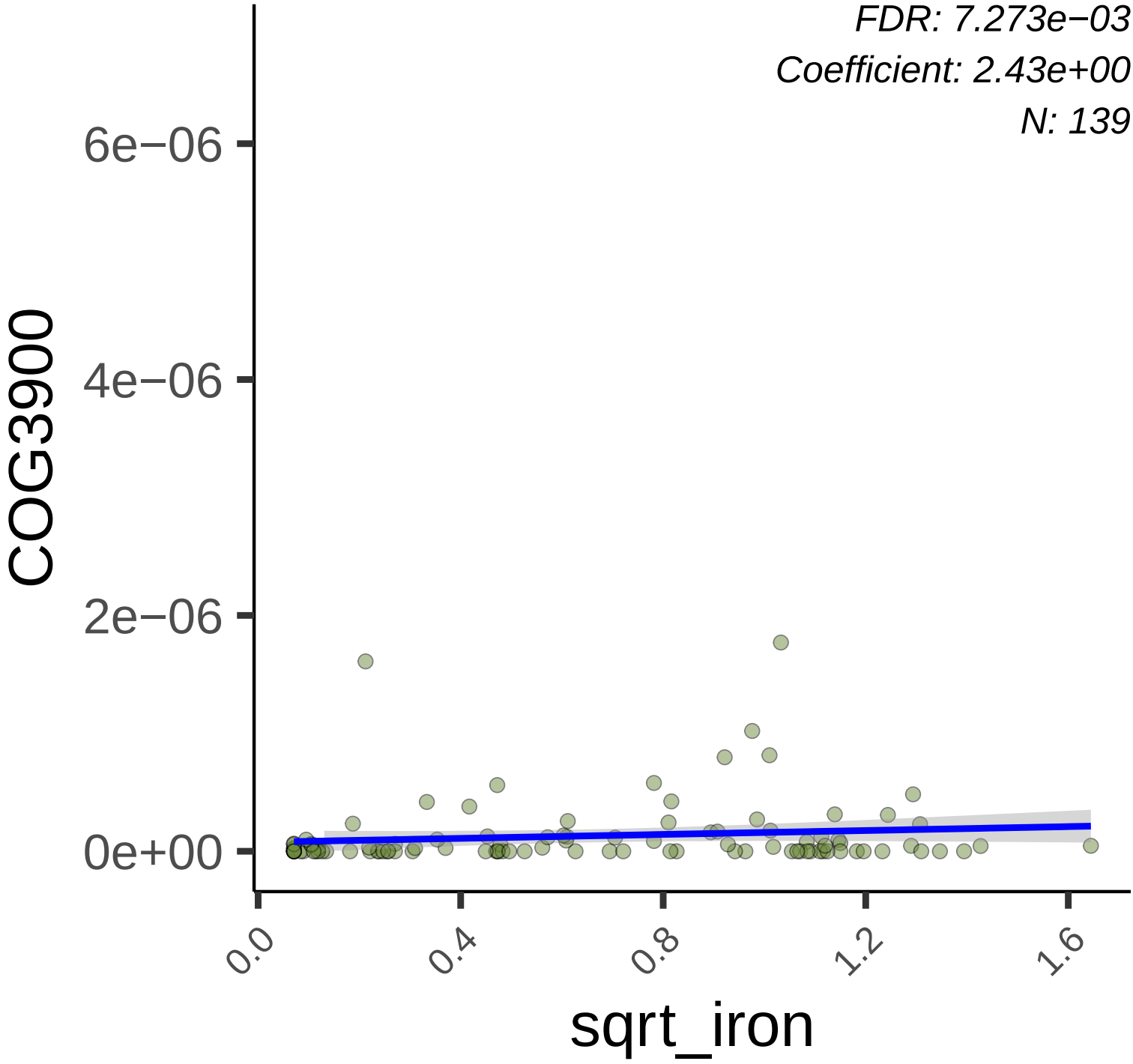
1.2
1.6
sqrt_iron


FDR: 7.273e−03
Coefficient: 2.43e+00
N: 139
COG3900
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4e−06
2e−06
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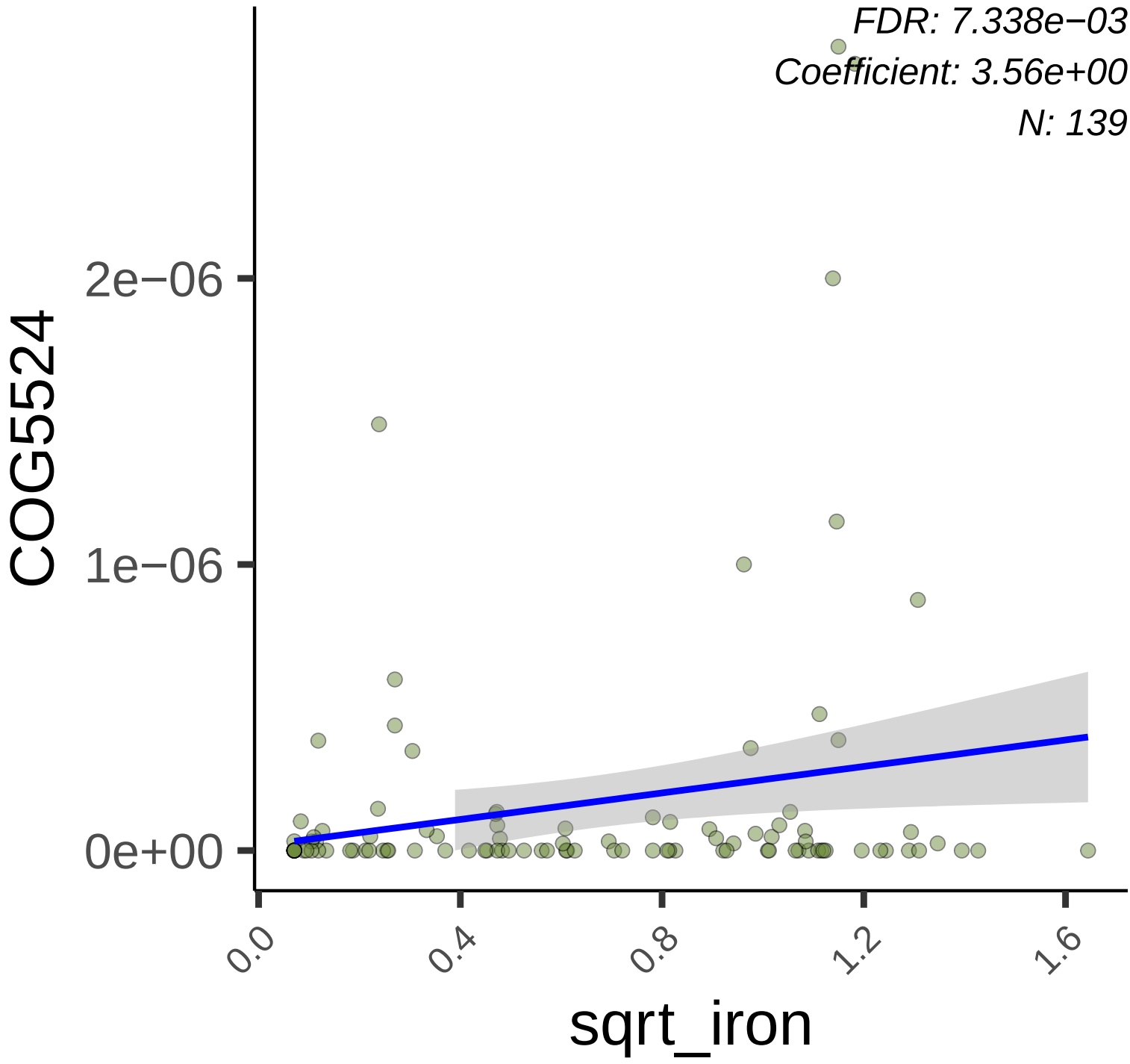
1.2
1.6
sqrt_iron


FDR: 7.338e−03
Coefficient: 3.56e+00
N: 139
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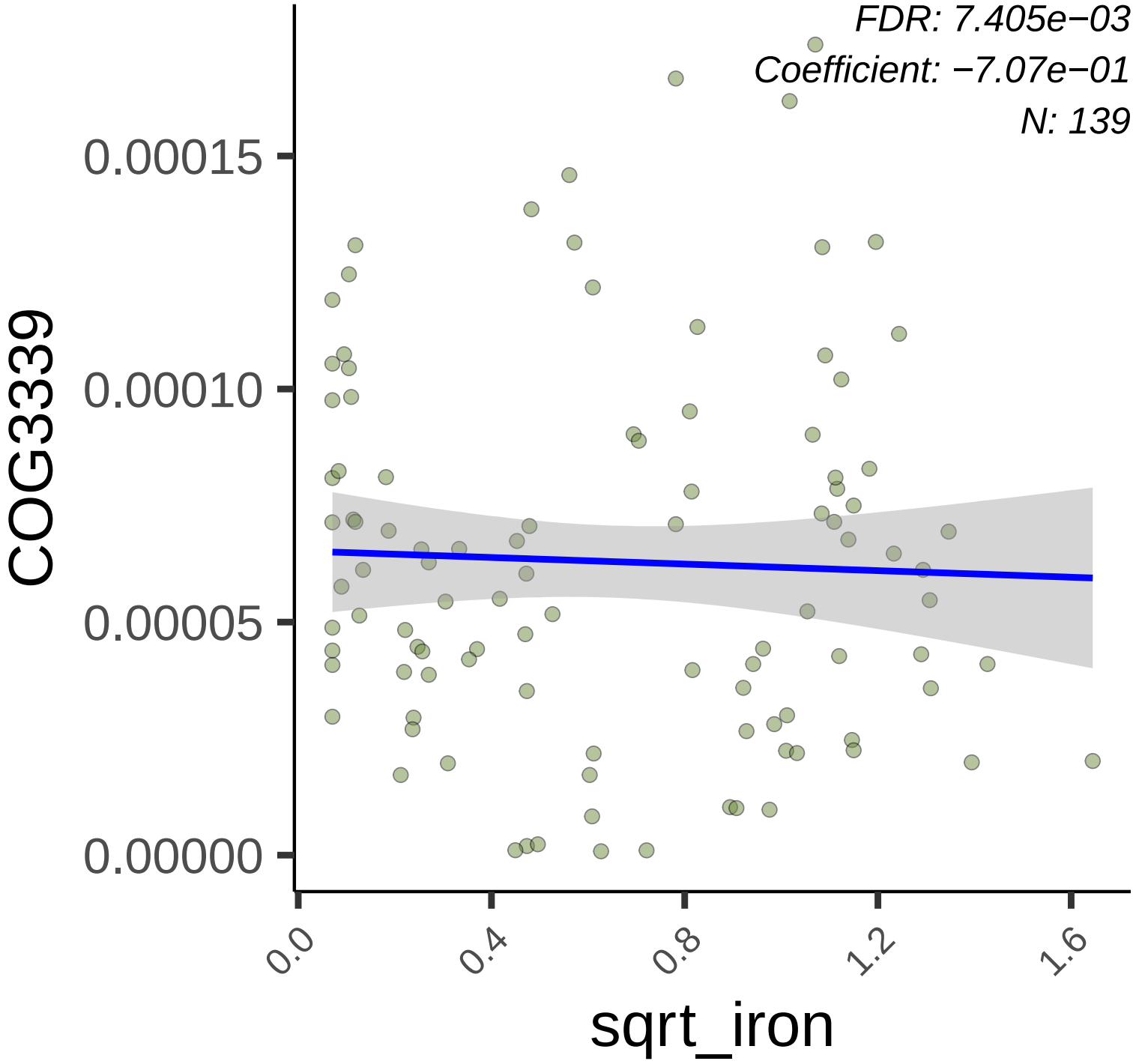
1.6
sqrt_iron


FDR: 7.405e−03
Coefficient: −7.07e−01
N: 139
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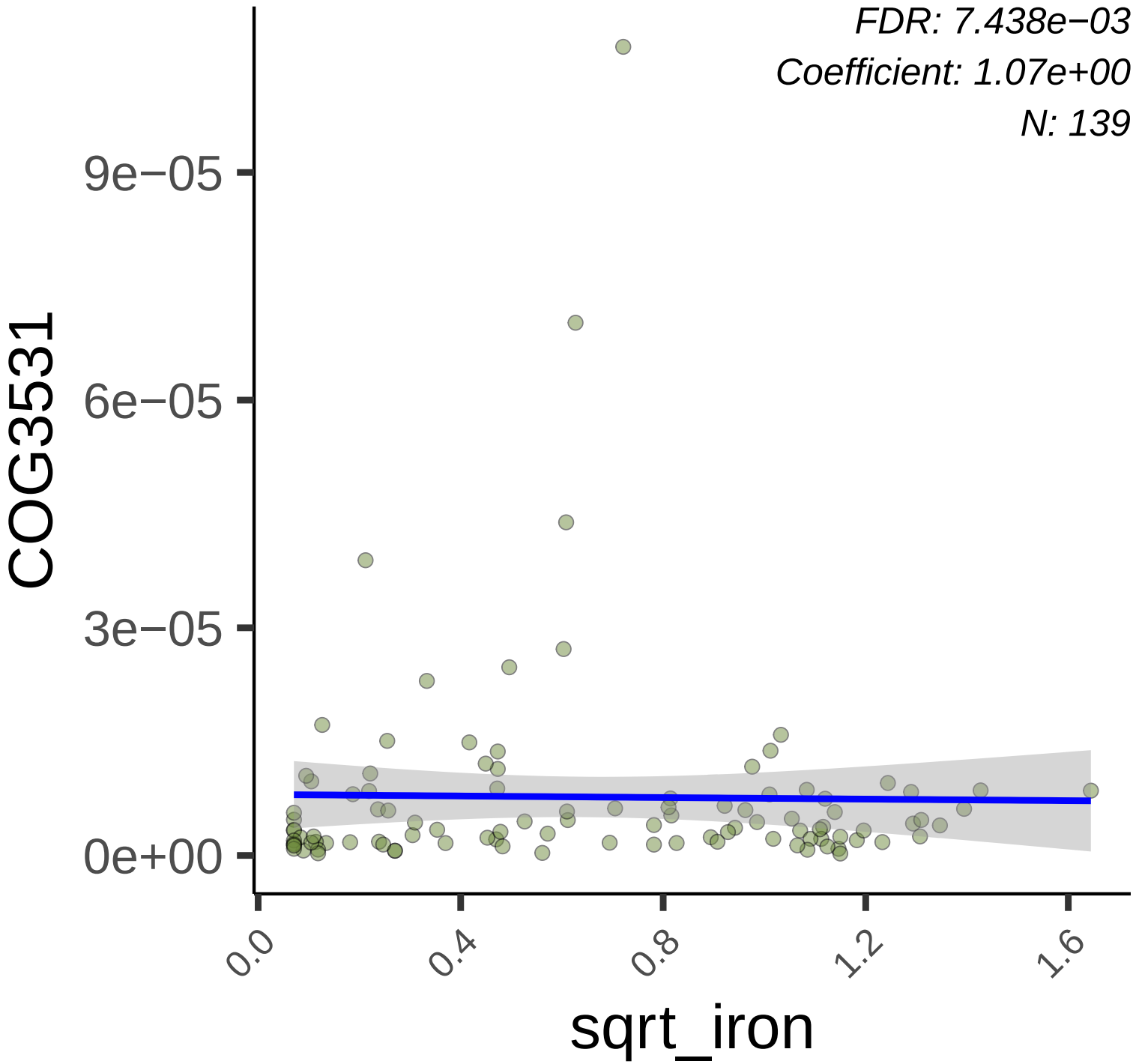
0.8
1.2
1.6
sqrt_iron


FDR: 7.438e−03
Coefficient: 1.07e+00
N: 139
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6e−05
3e−05
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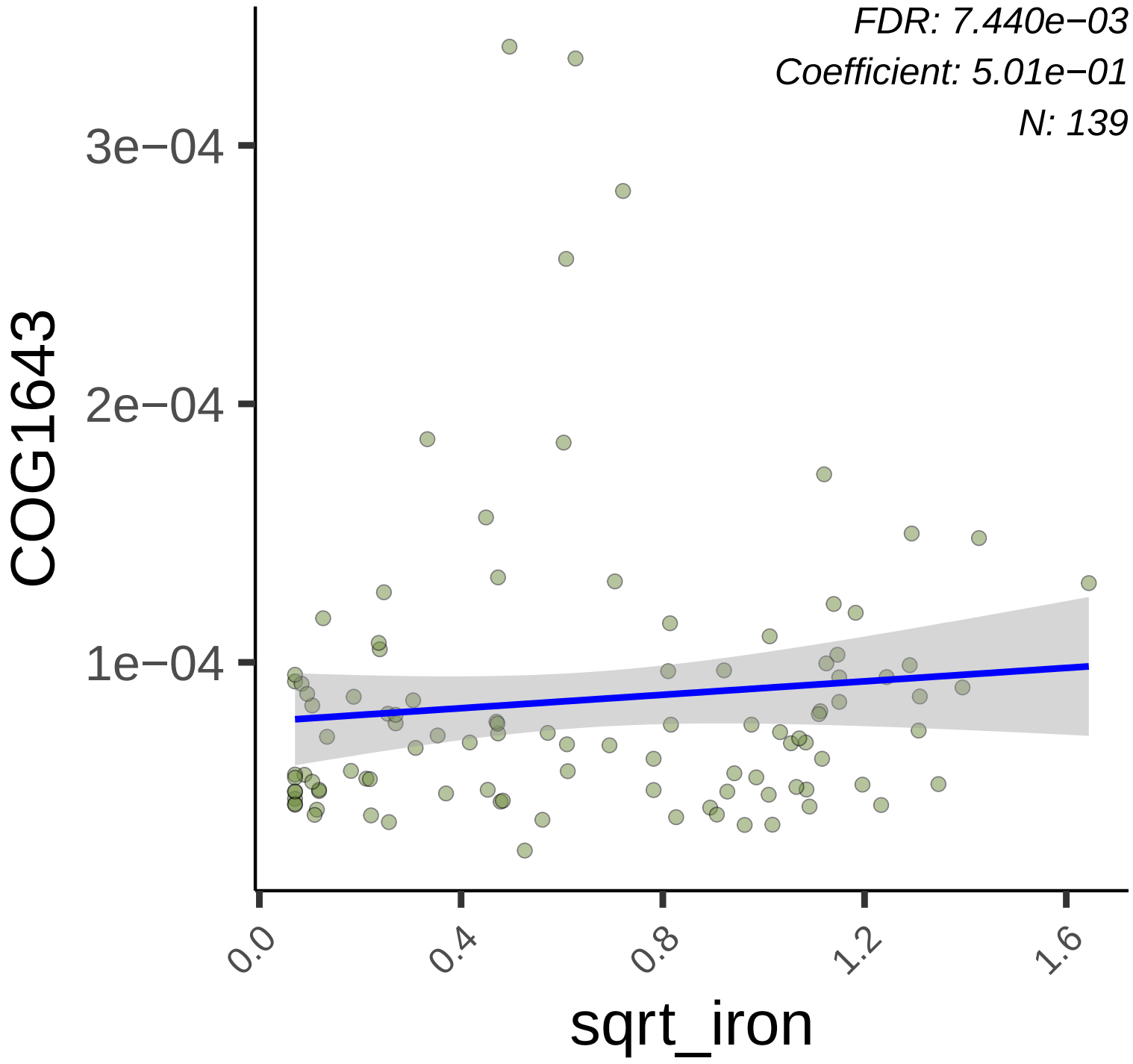
0.8
1.2
1.6
sqrt_iron


FDR: 7.440e−03
Coefficient: 5.01e−01
N: 139
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0.4
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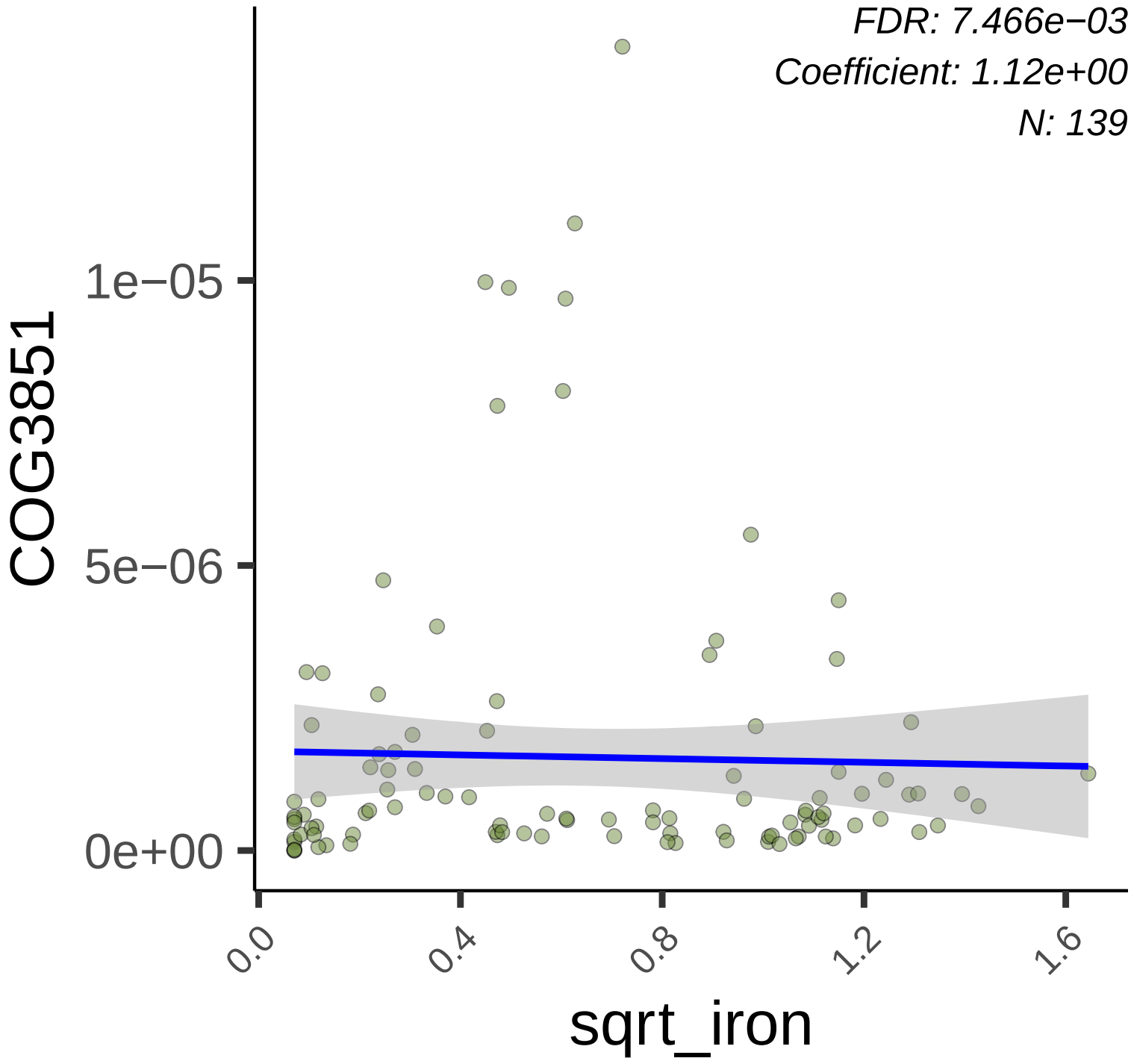
1.2
1.6
sqrt_iron


FDR: 7.466e−03
Coefficient: 1.12e+00
N: 139
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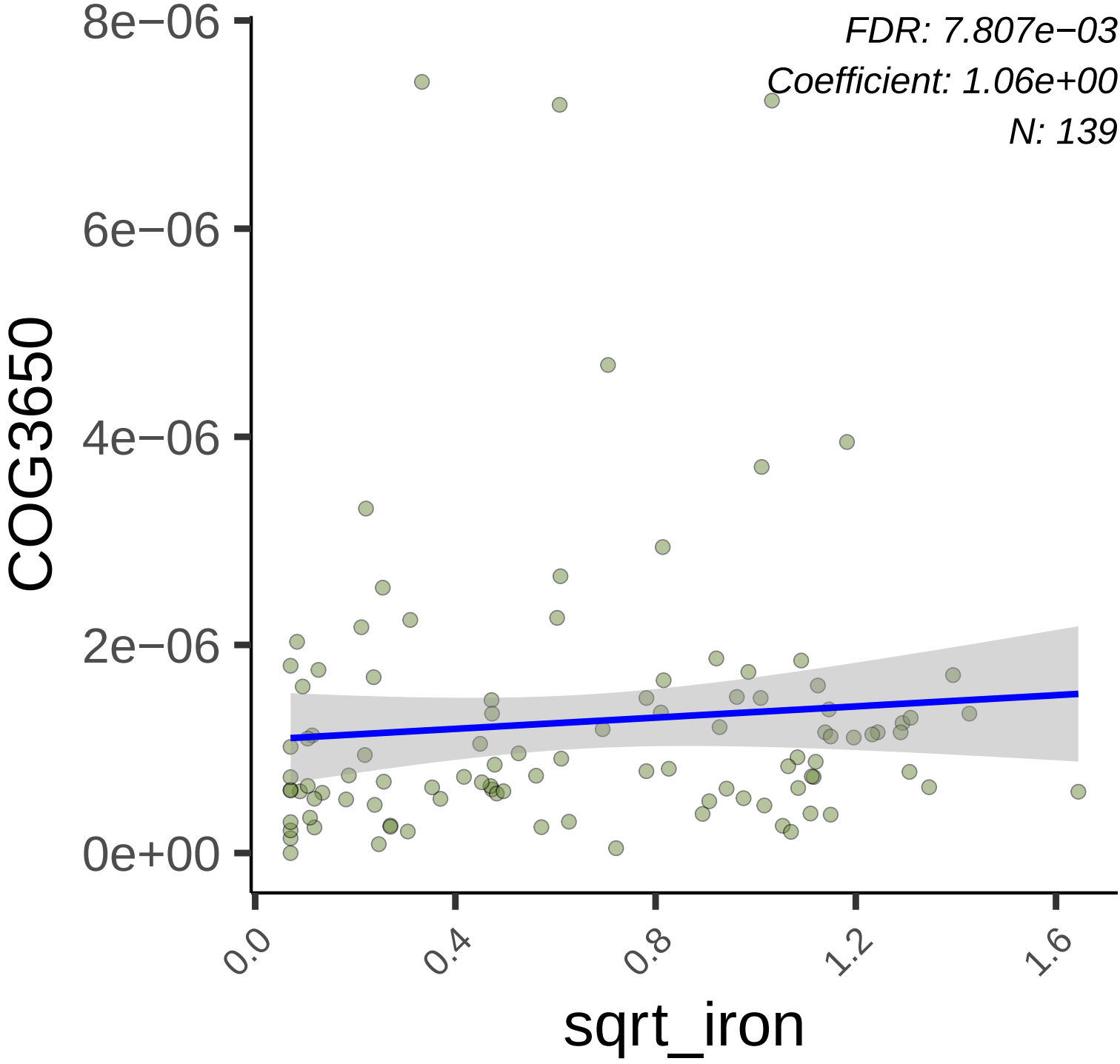
1.2
1.6
sqrt_iron


FDR: 7.807e−03
Coefficient: 1.06e+00
N: 139
COG3650
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4e−06
2e−06
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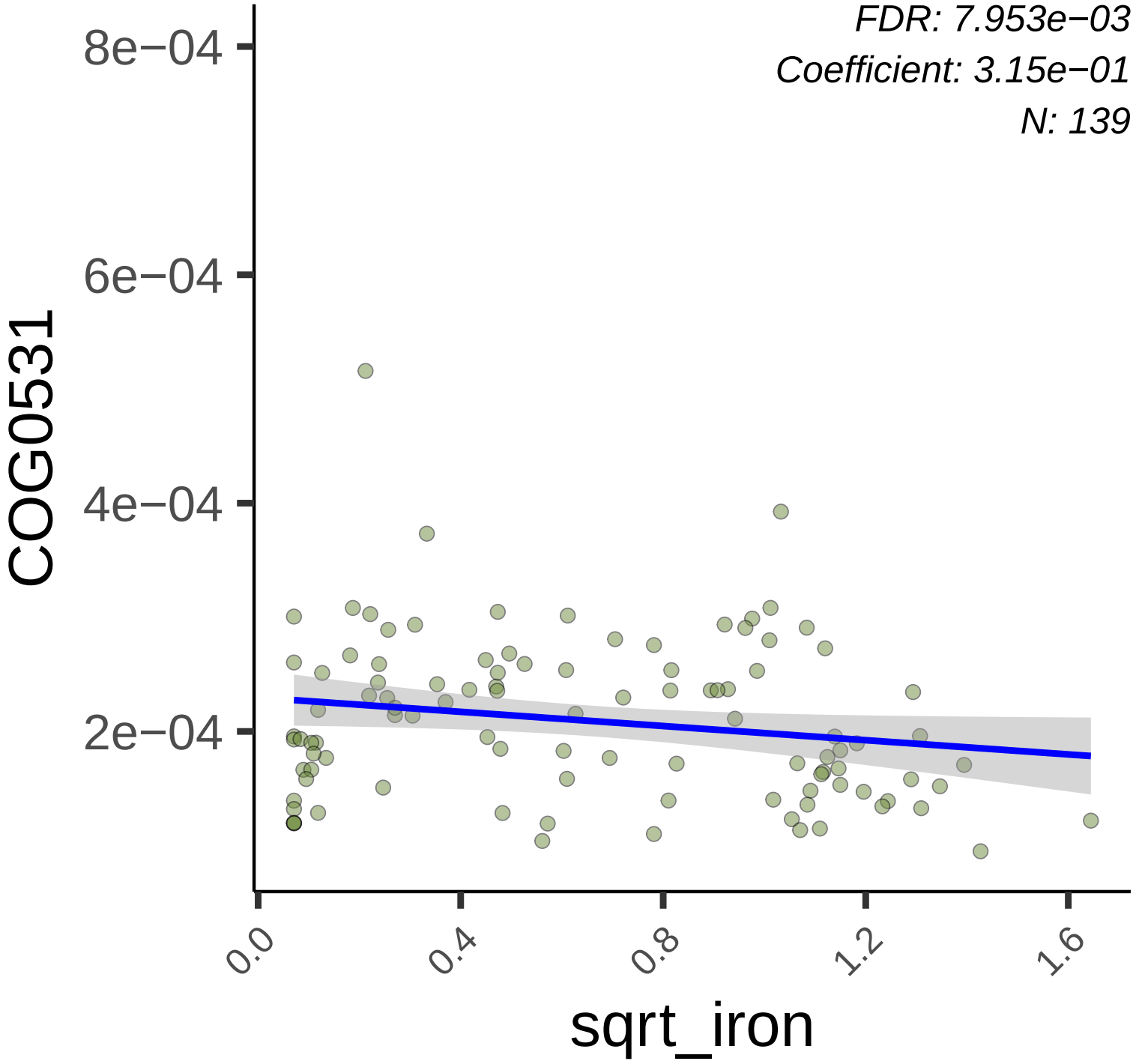
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 7.953e−03
Coefficient: 3.15e−01
N: 139
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4e−04
2e−04
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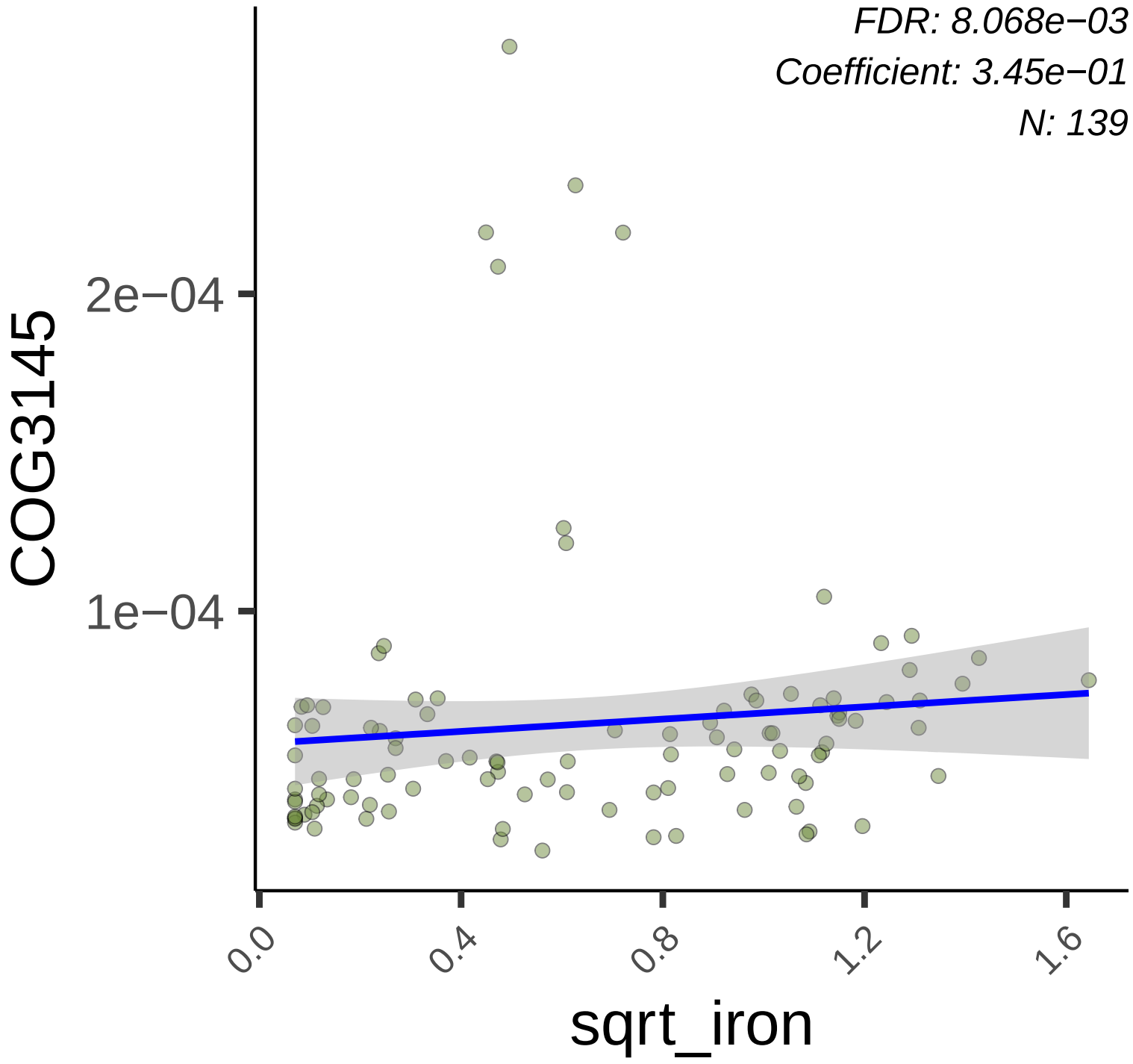
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 8.068e−03
Coefficient: 3.45e−01
N: 139
COG3145
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1e−04
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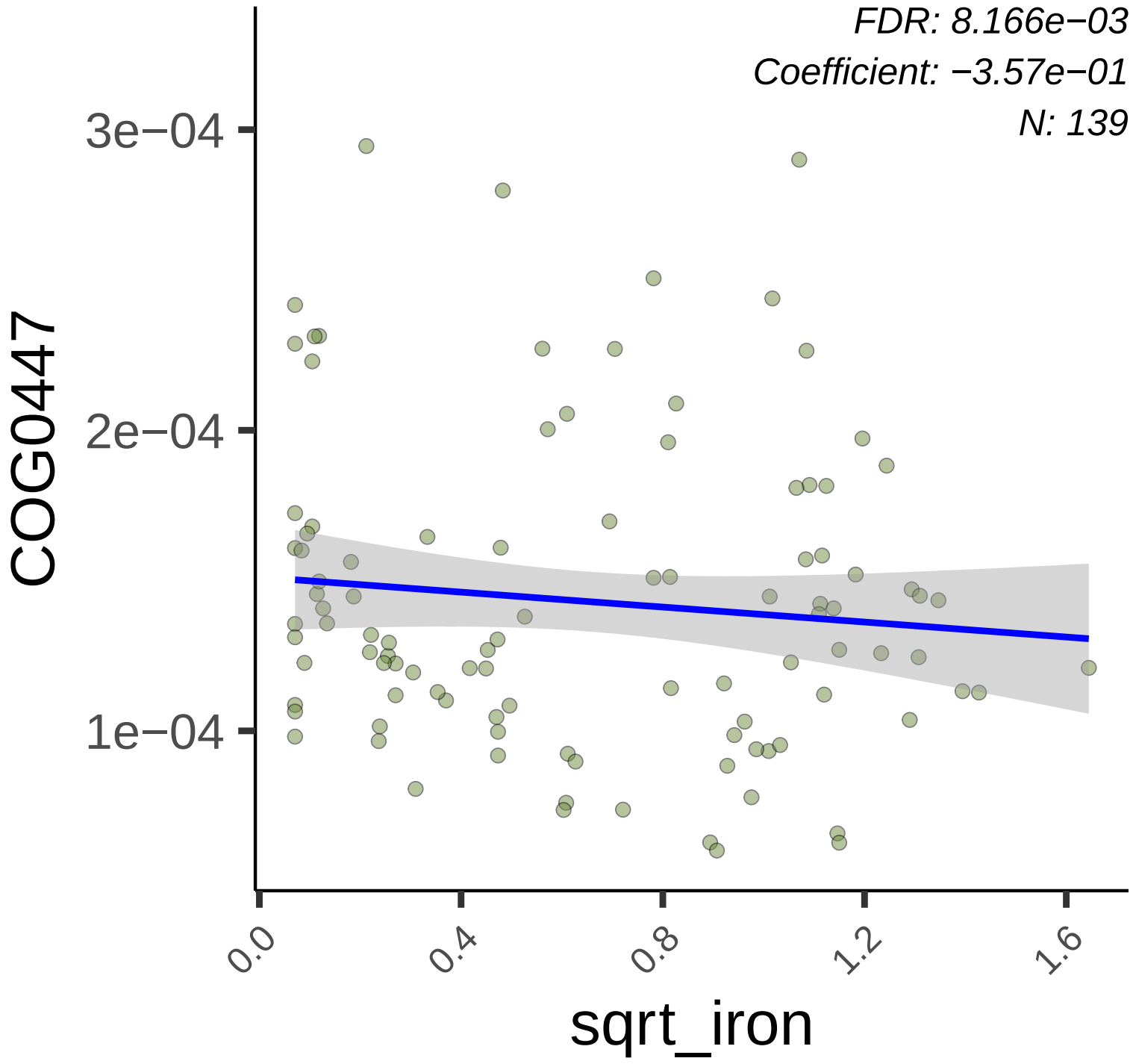
1.2
1.6
sqrt_iron


FDR: 8.166e−03
Coefficient: −3.57e−01
N: 139
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2e−04
1e−04
COG0447
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0.4
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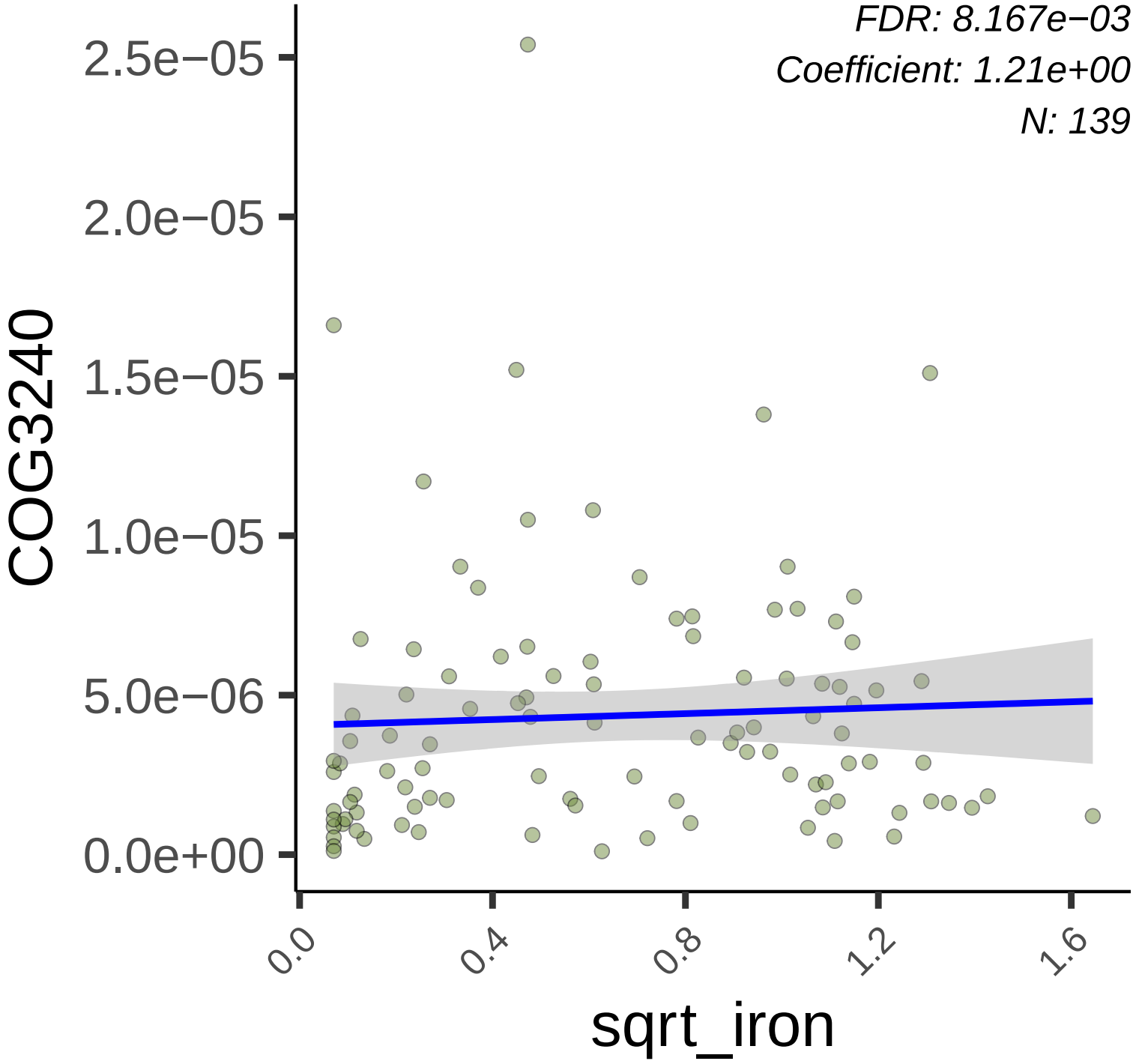
1.6
sqrt_iron


FDR: 8.167e−03
Coefficient: 1.21e+00
N: 139
COG3240
2.5e−05
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0.4
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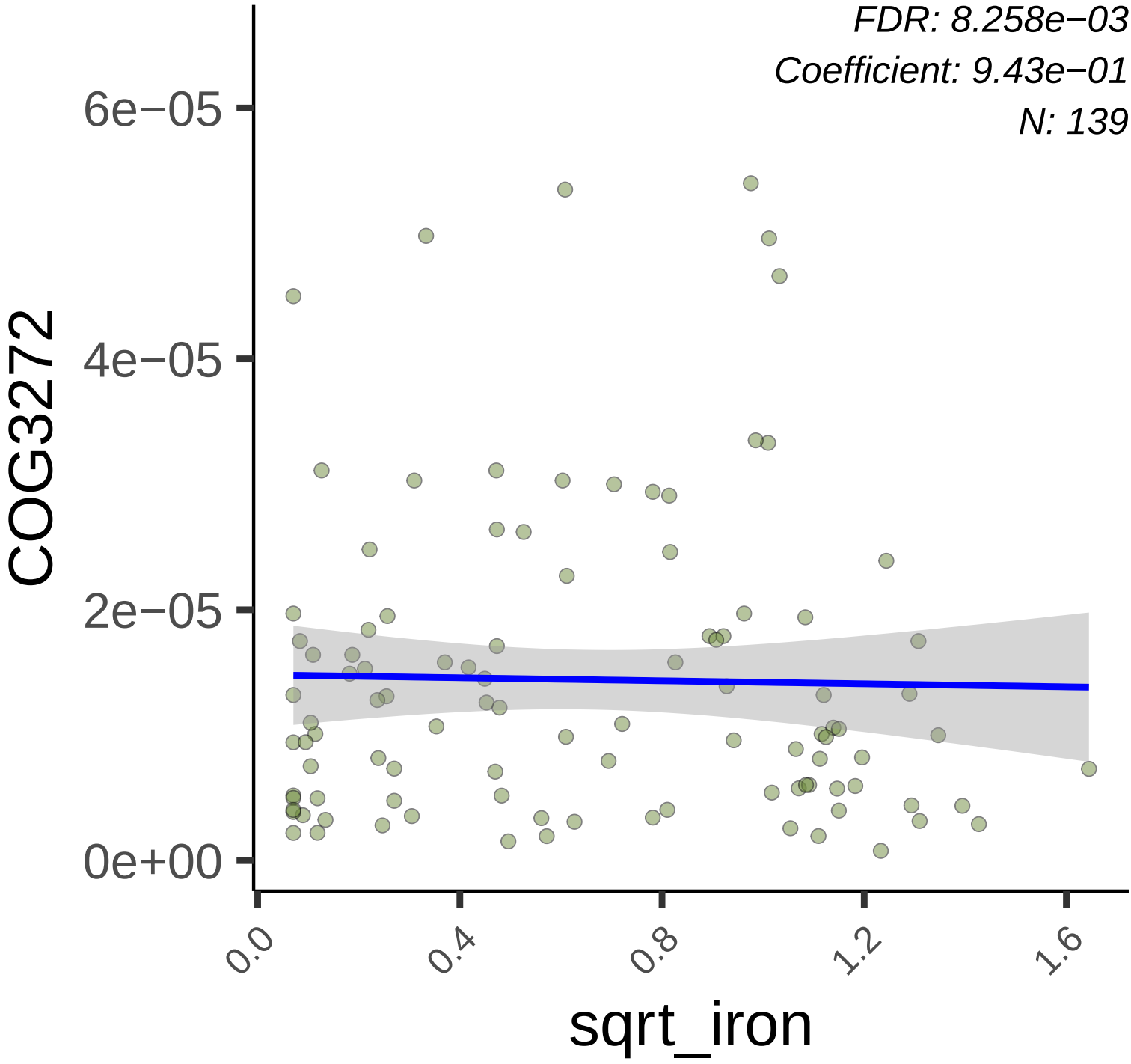
1.6
sqrt_iron


FDR: 8.258e−03
Coefficient: 9.43e−01
N: 139
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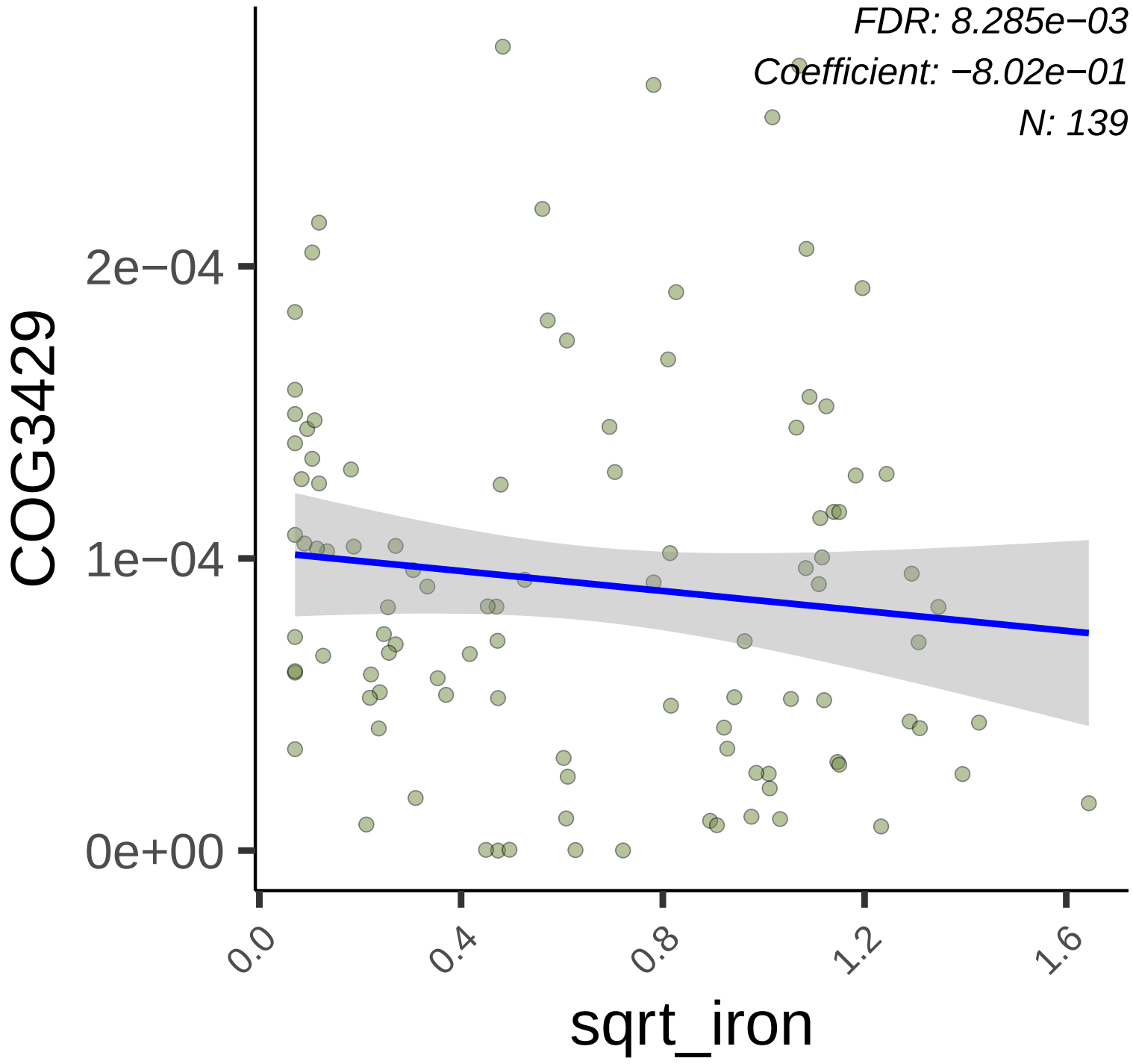
1.6
sqrt_iron


FDR: 8.285e−03
Coefficient: −8.02e−01
N: 139
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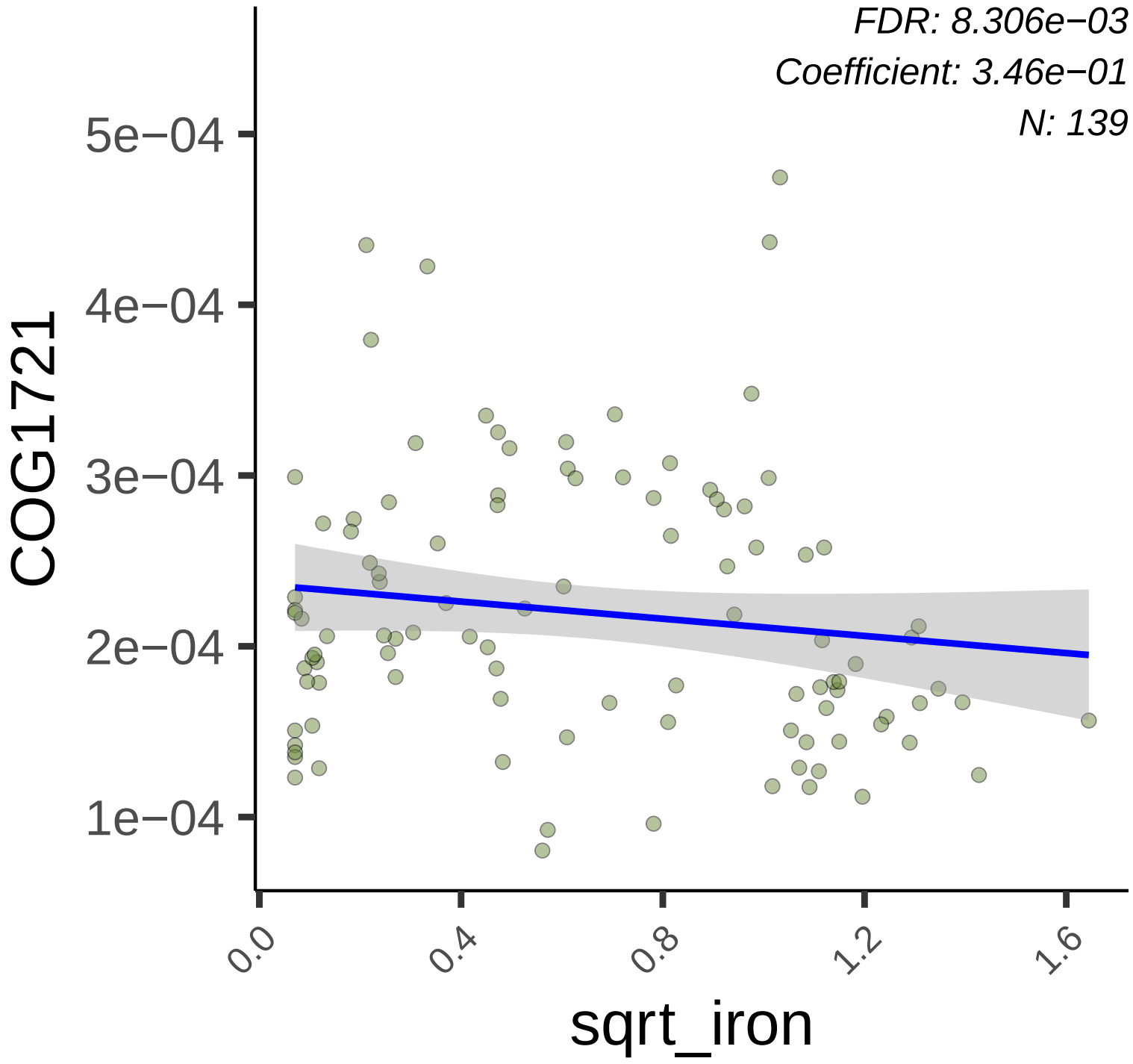
sqrt_iron


FDR: 8.306e−03
Coefficient: 3.46e−01
N: 139
COG1721
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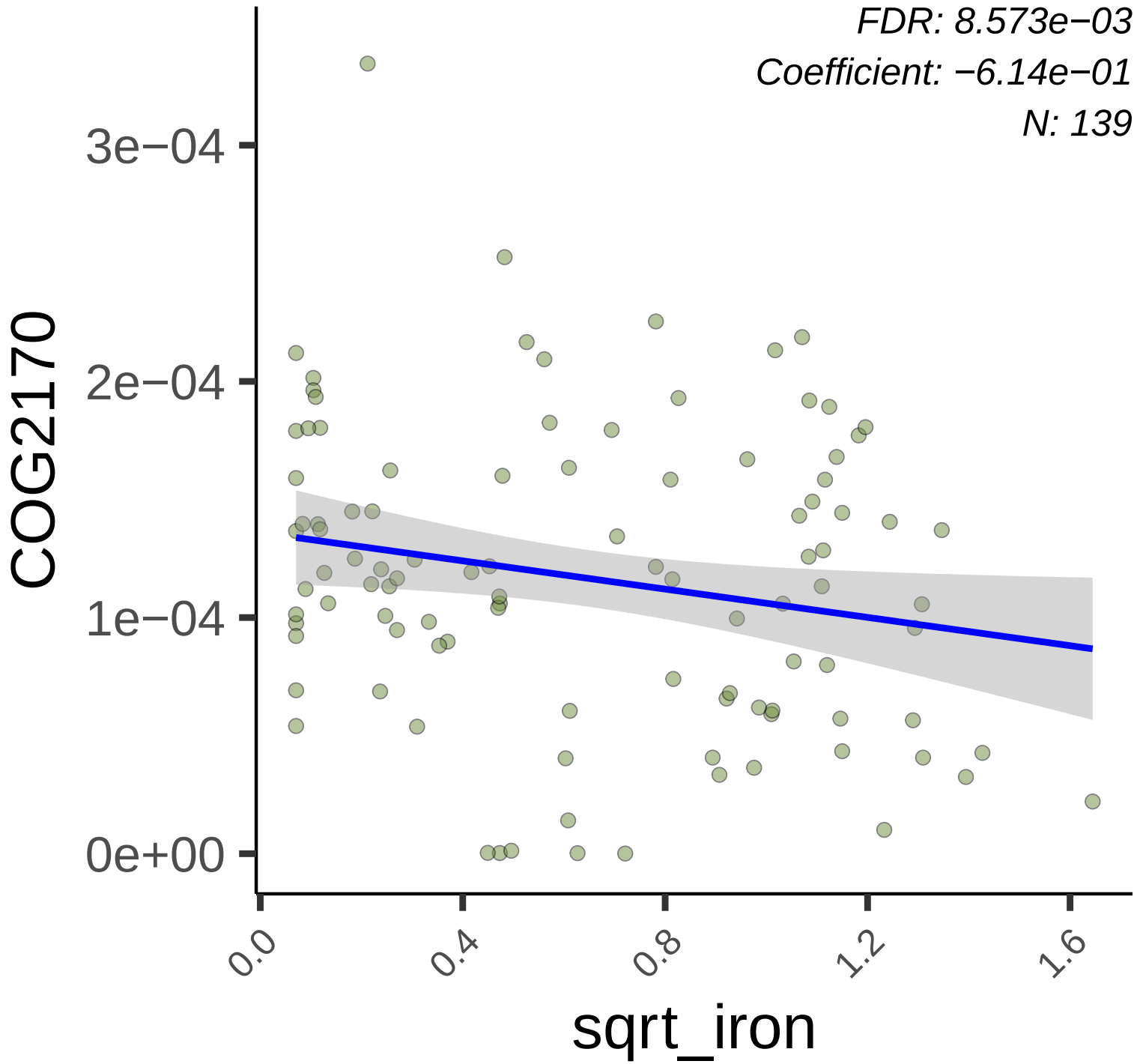
0.8
1.2
1.6
sqrt_iron


FDR: 8.573e−03
Coefficient: −6.14e−01
N: 139
COG2170
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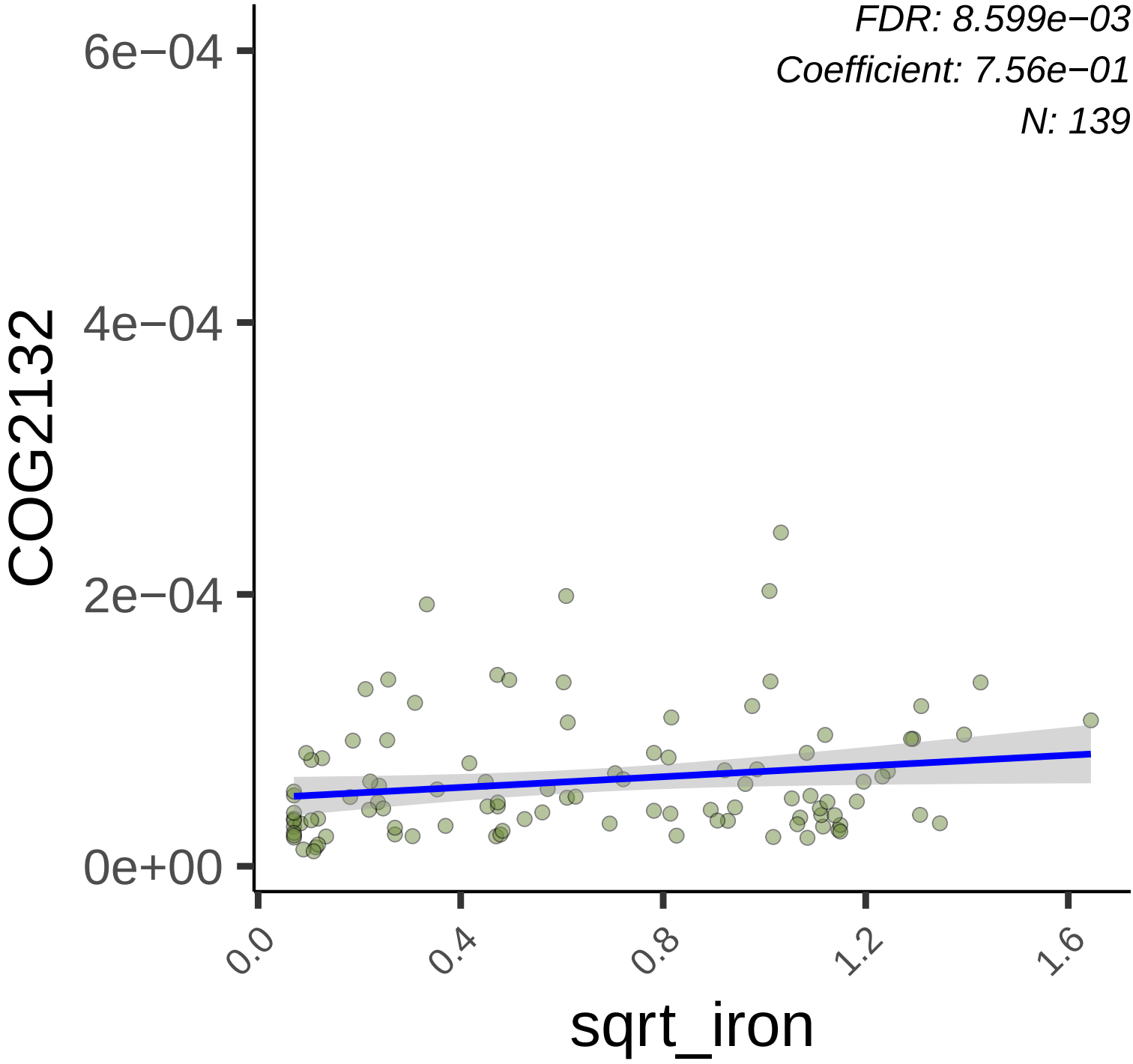
1.2
1.6
sqrt_iron


FDR: 8.599e−03
Coefficient: 7.56e−01
N: 139
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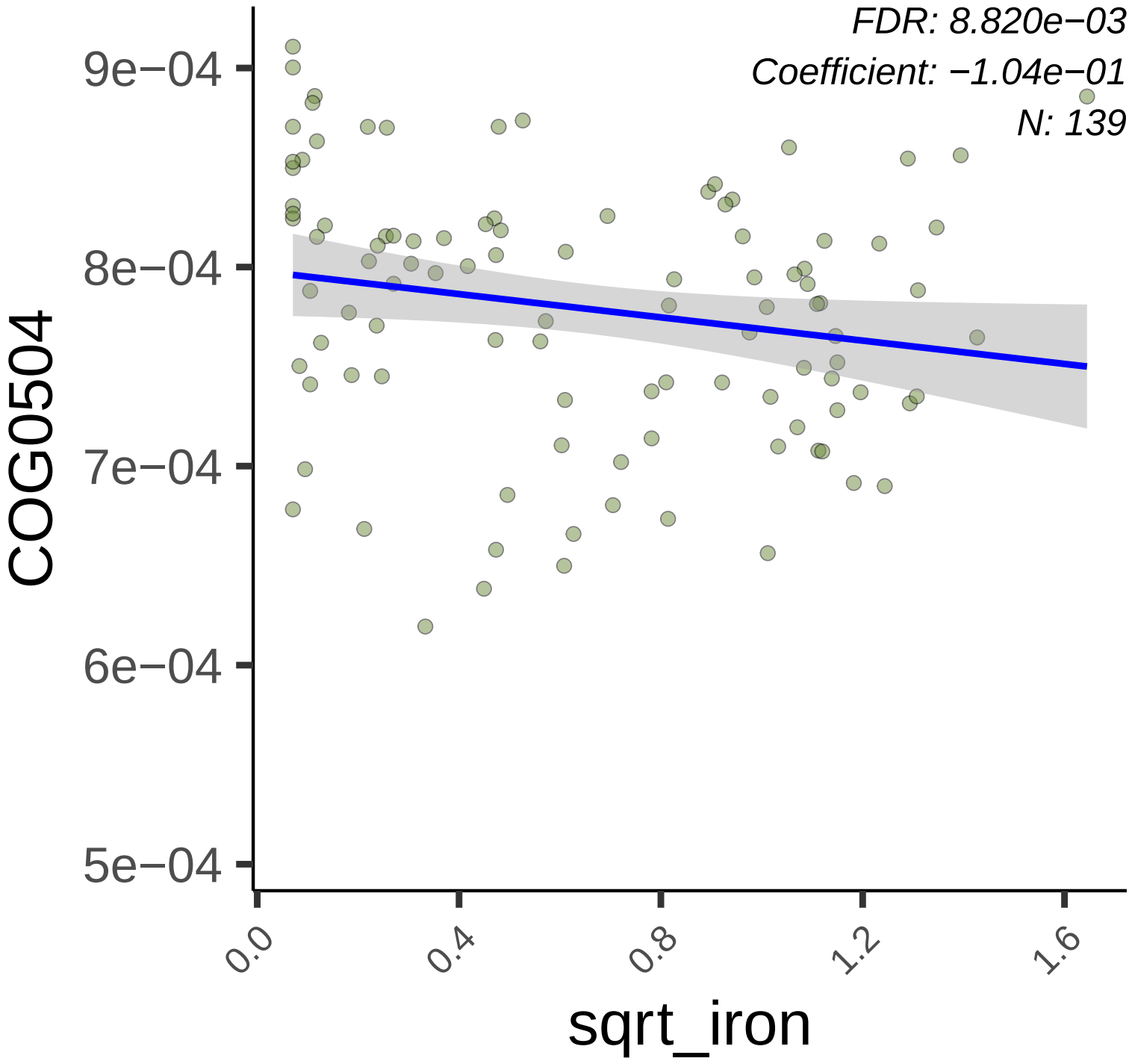
sqrt_iron


FDR: 8.820e−03
Coefficient: −1.04e−01
N: 139
9e−04
8e−04
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6e−04
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COG0504
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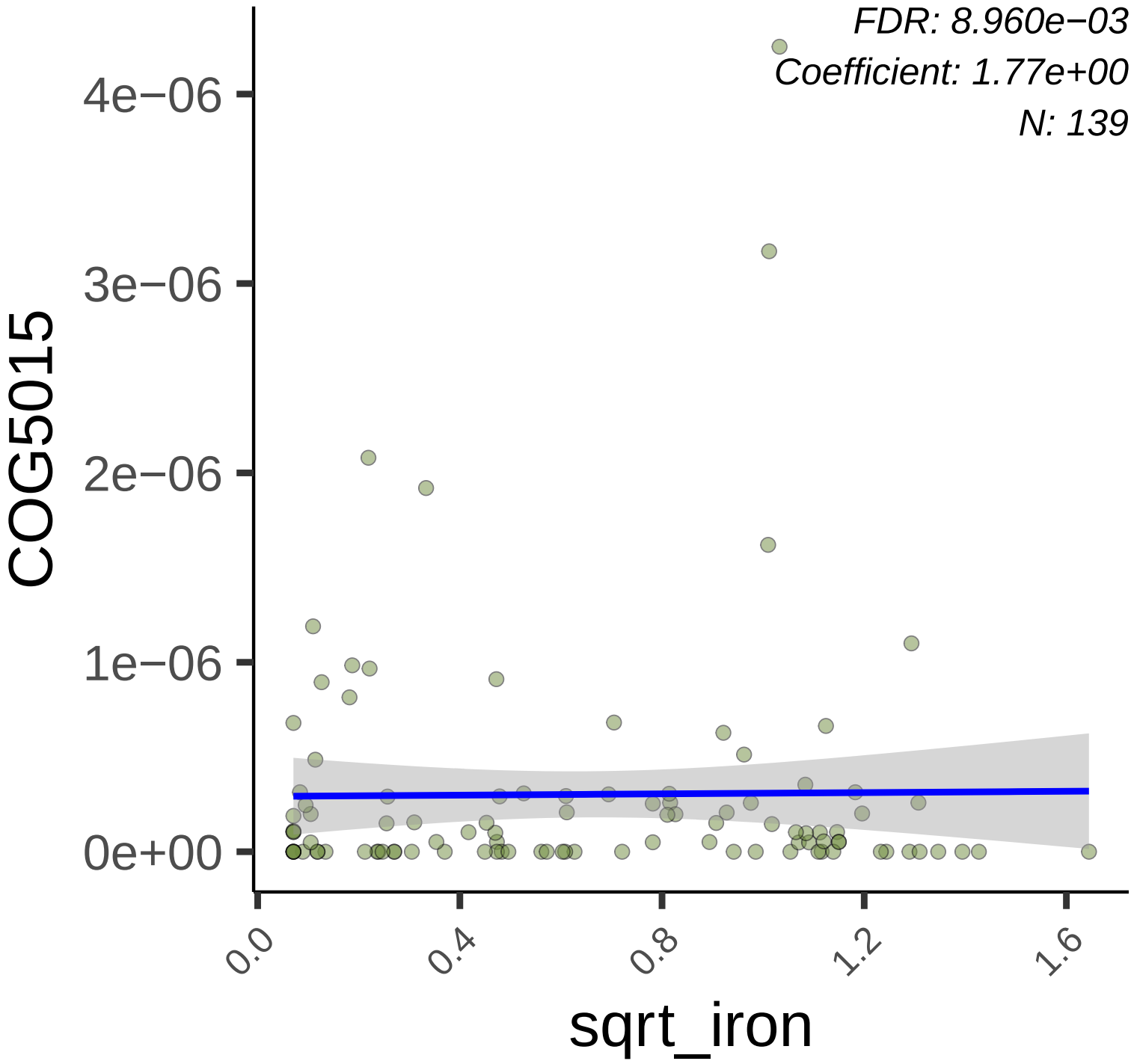
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 8.960e−03
Coefficient: 1.77e+00
N: 139
COG5015
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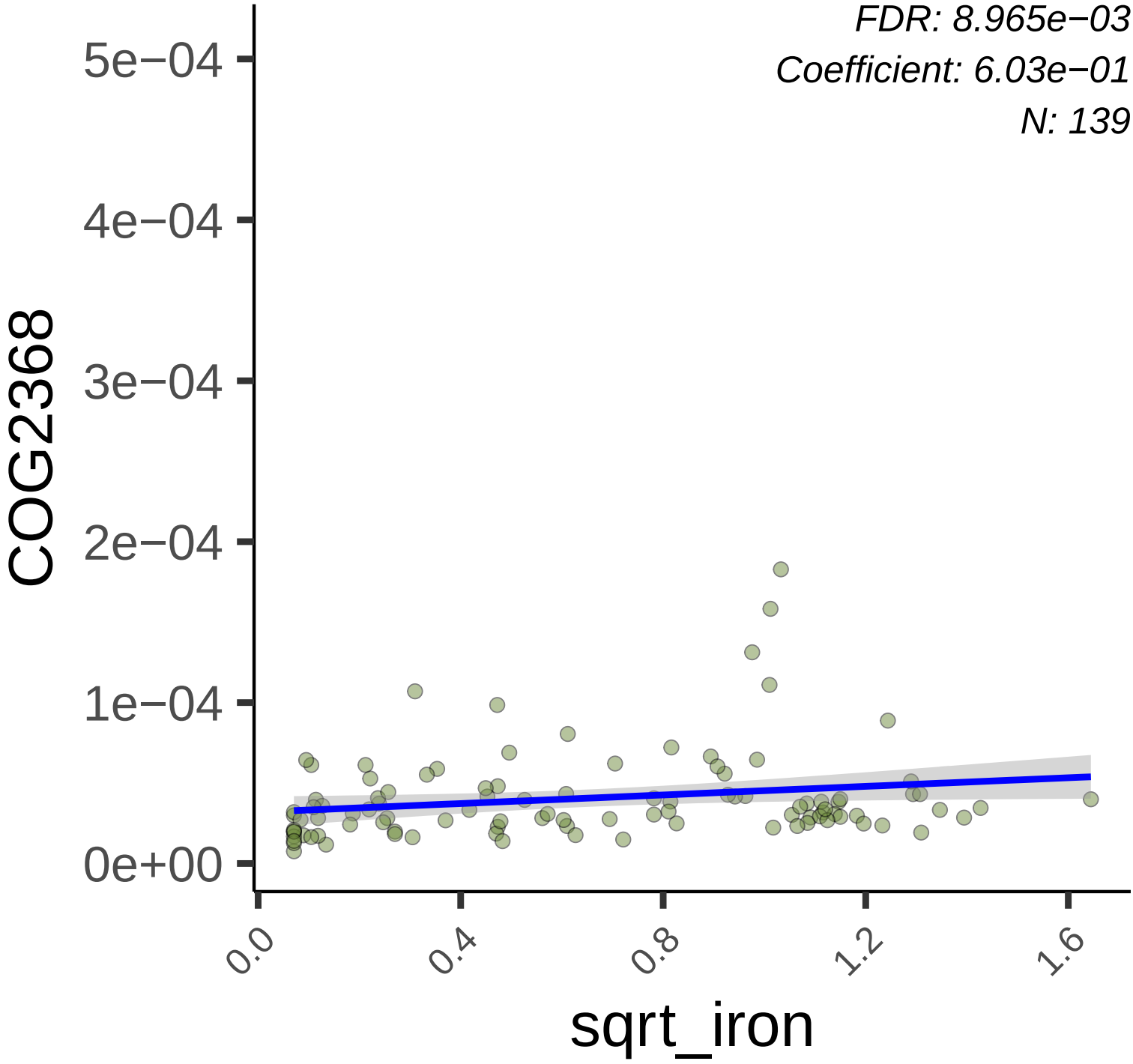
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 8.965e−03
Coefficient: 6.03e−01
N: 139
COG2368
5e−04
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2e−04
1e−04
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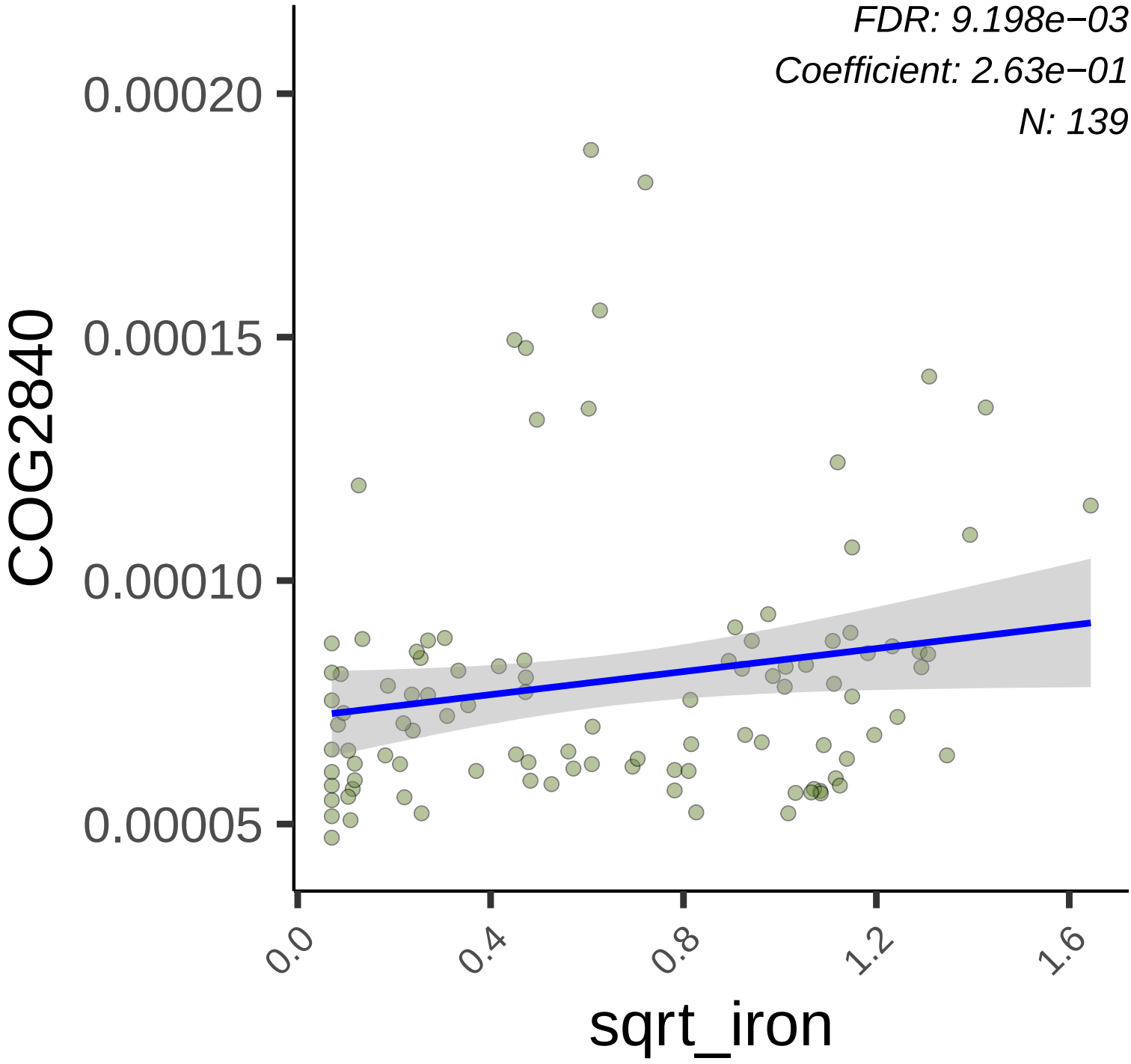
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 9.198e−03
Coefficient: 2.63e−01
N: 139
COG2840
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0.00010
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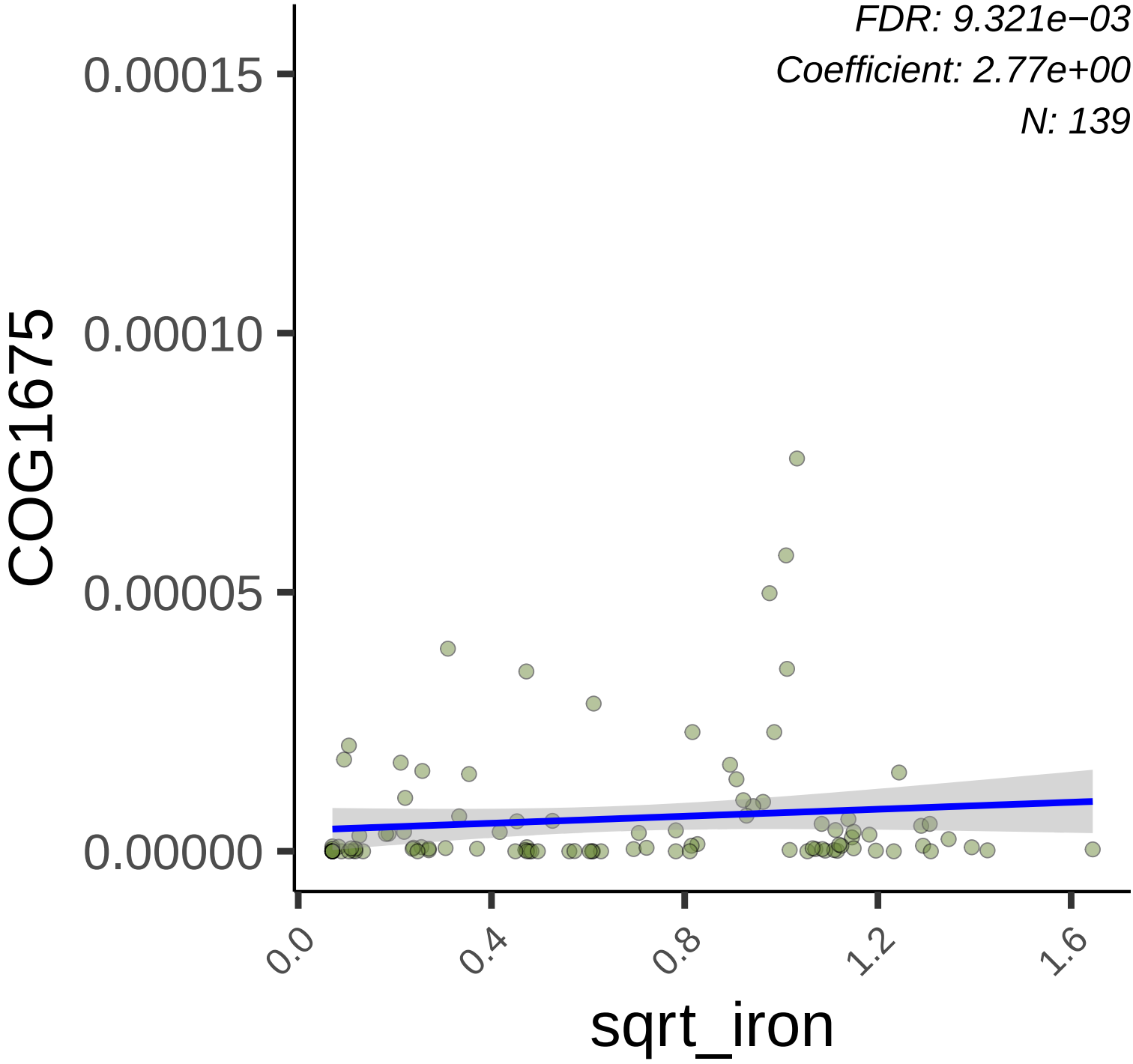
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 9.321e−03
Coefficient: 2.77e+00
N: 139
COG1675
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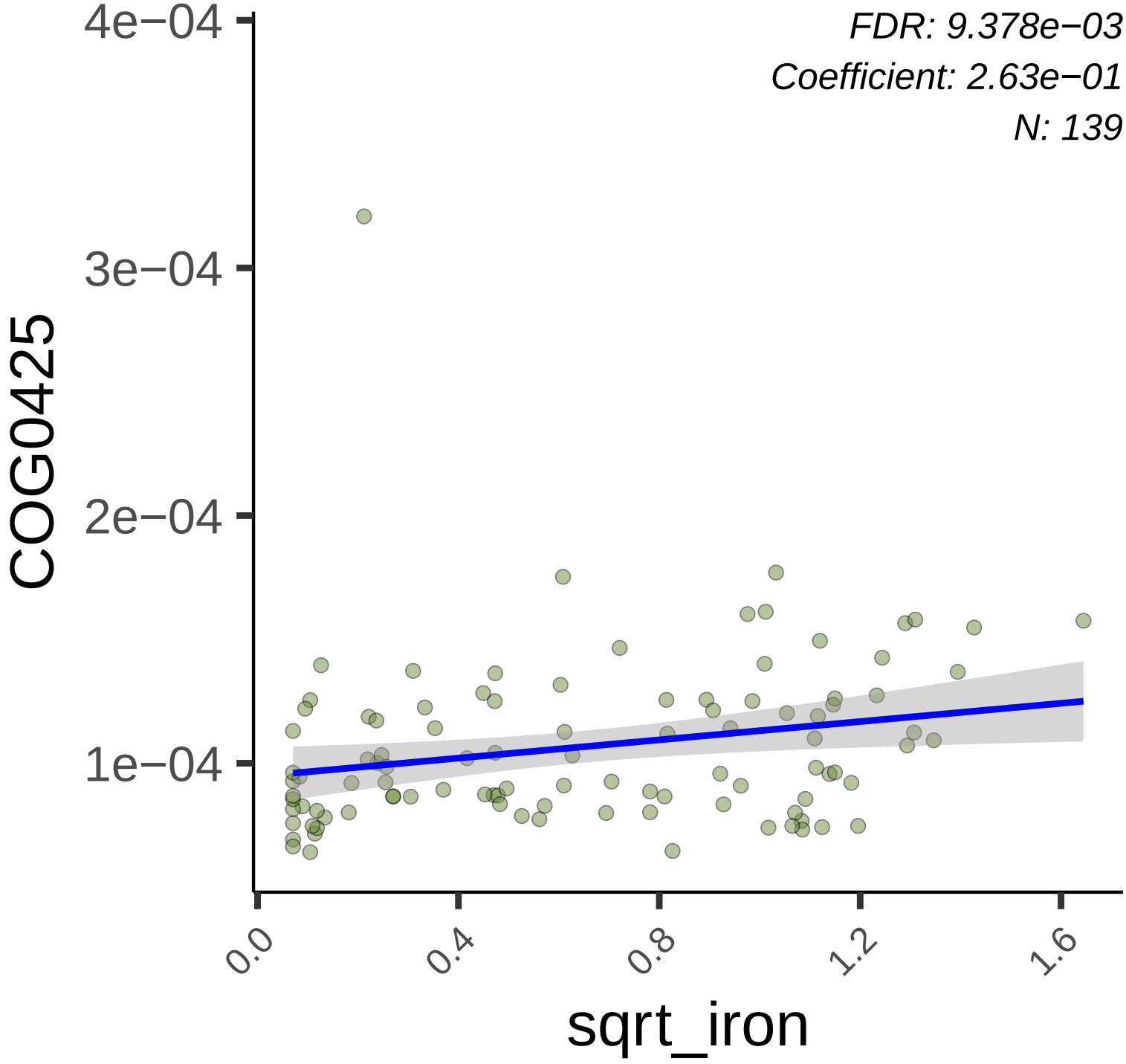
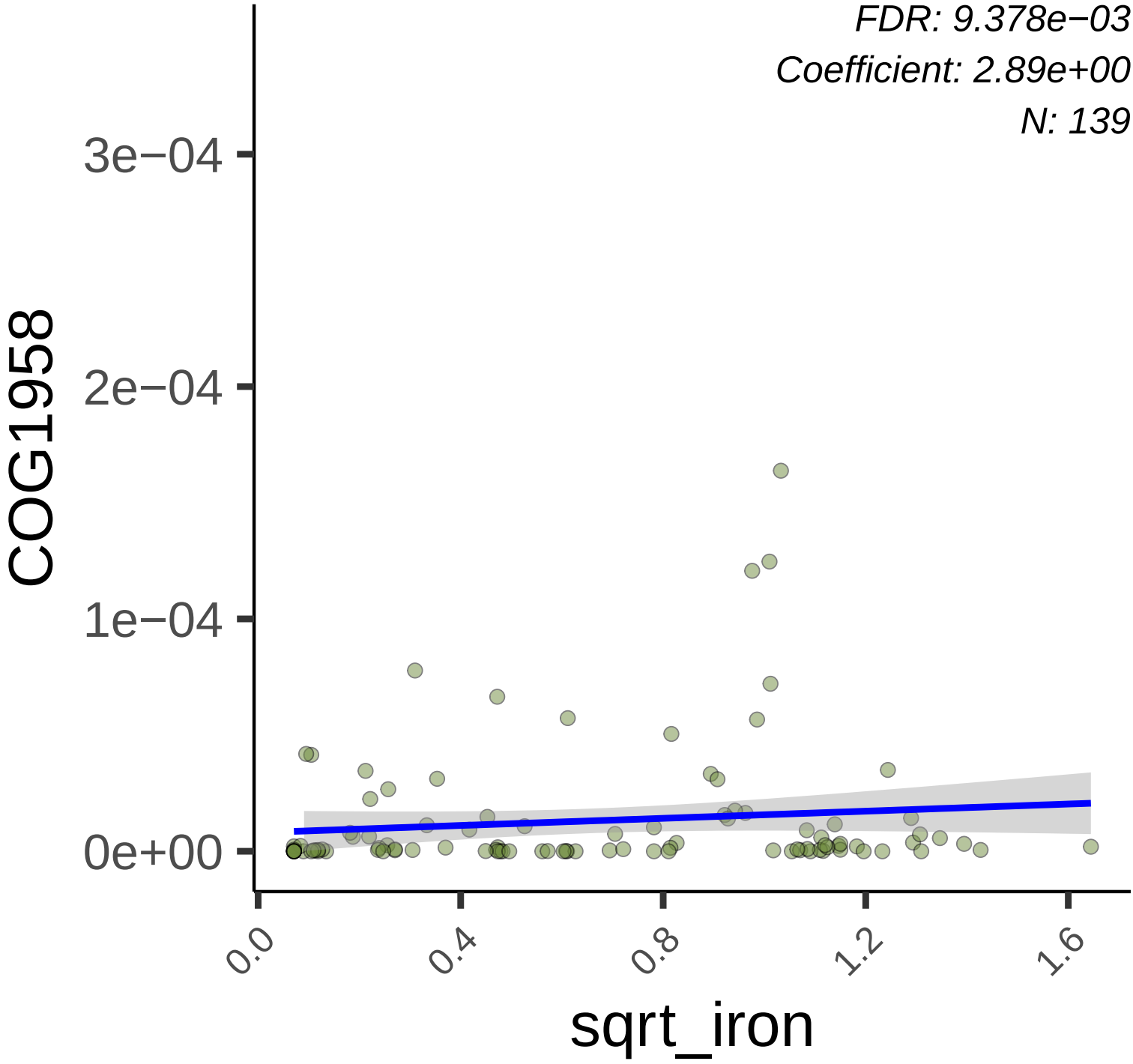
0.00000
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 9.378e−03
Coefficient: 2.63e−01
N: 139
4e−04
3e−04
2e−04
1e−04
COG0425
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 9.378e−03
Coefficient: 2.89e+00
N: 139
COG1958
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1e−04
0e+00
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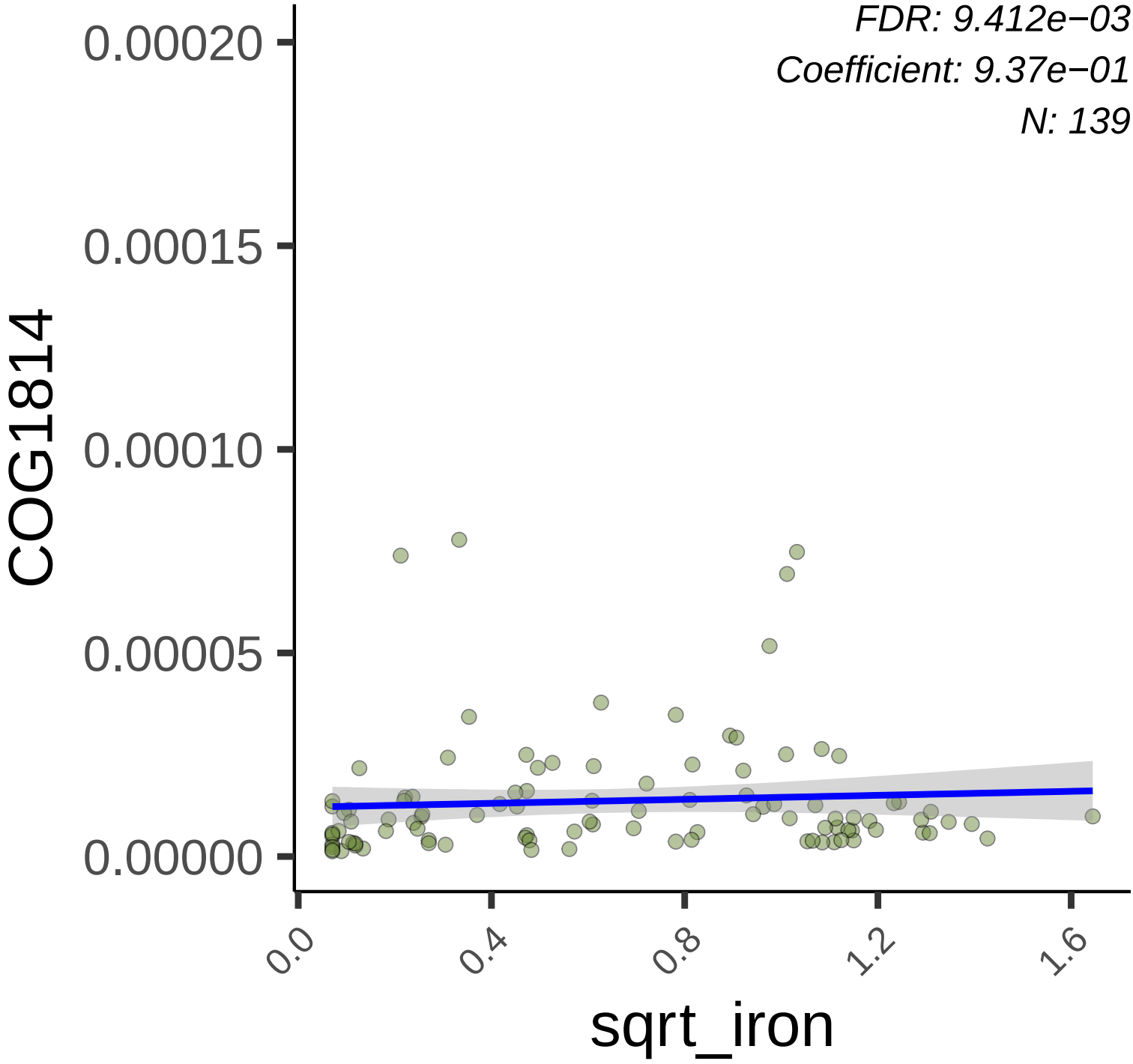
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 9.412e−03
Coefficient: 9.37e−01
N: 139
COG1814
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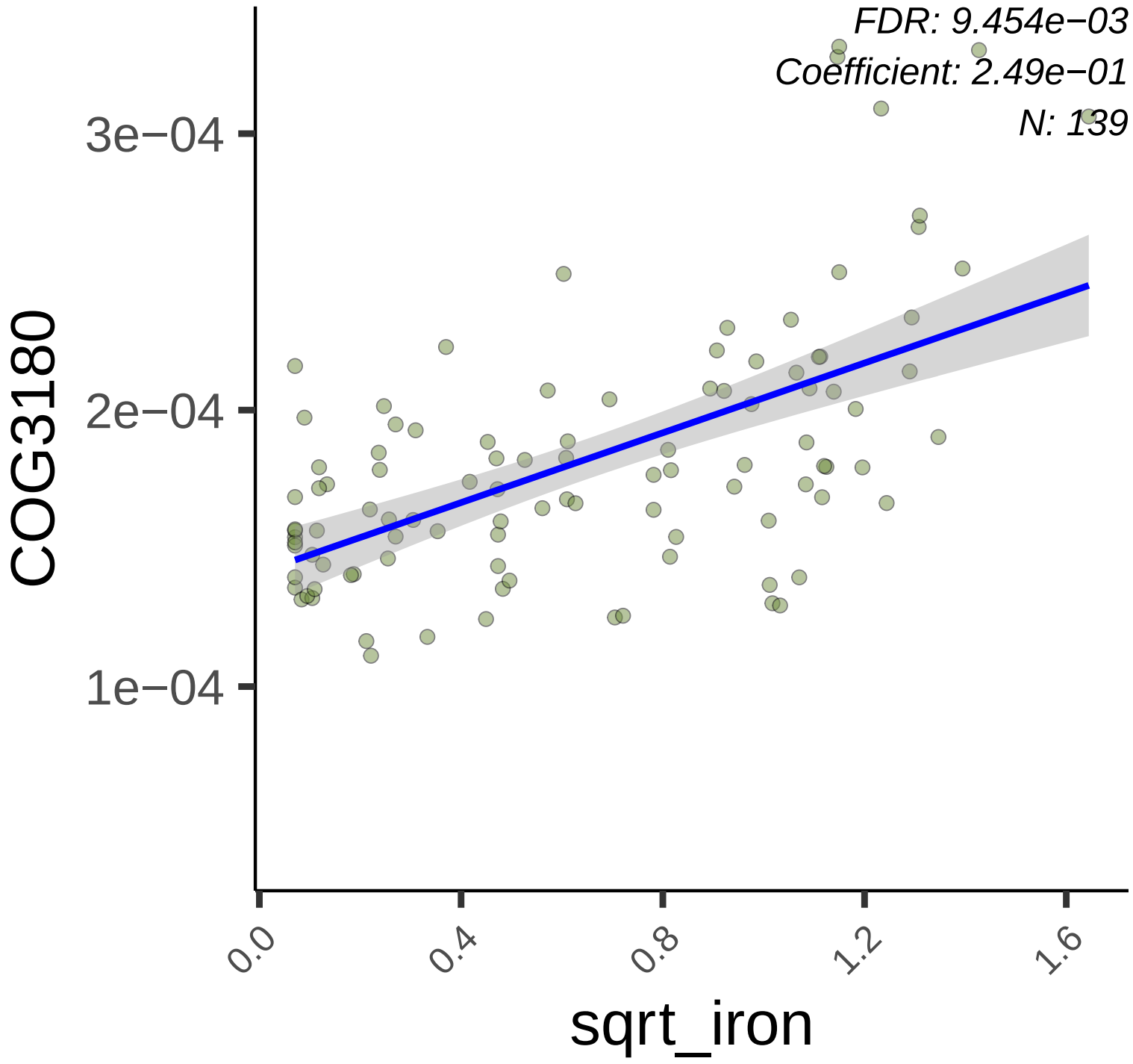
0.00010
0.00005
0.00000
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 9.454e−03
Coefficient: 2.49e−01
N: 139
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2e−04
1e−04
COG3180
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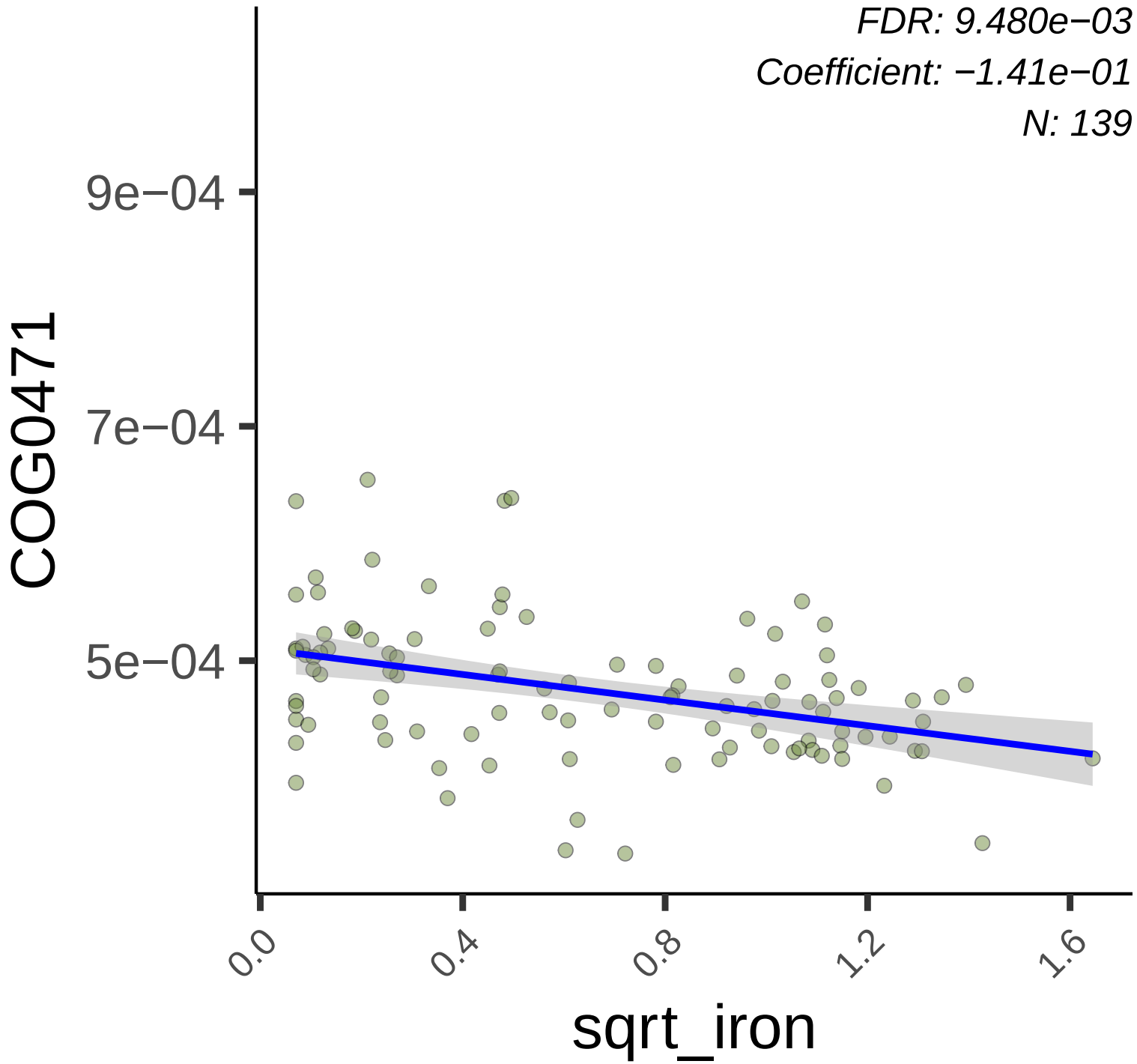
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 9.480e−03
Coefficient: −1.41e−01
N: 139
9e−04
7e−04
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COG0471
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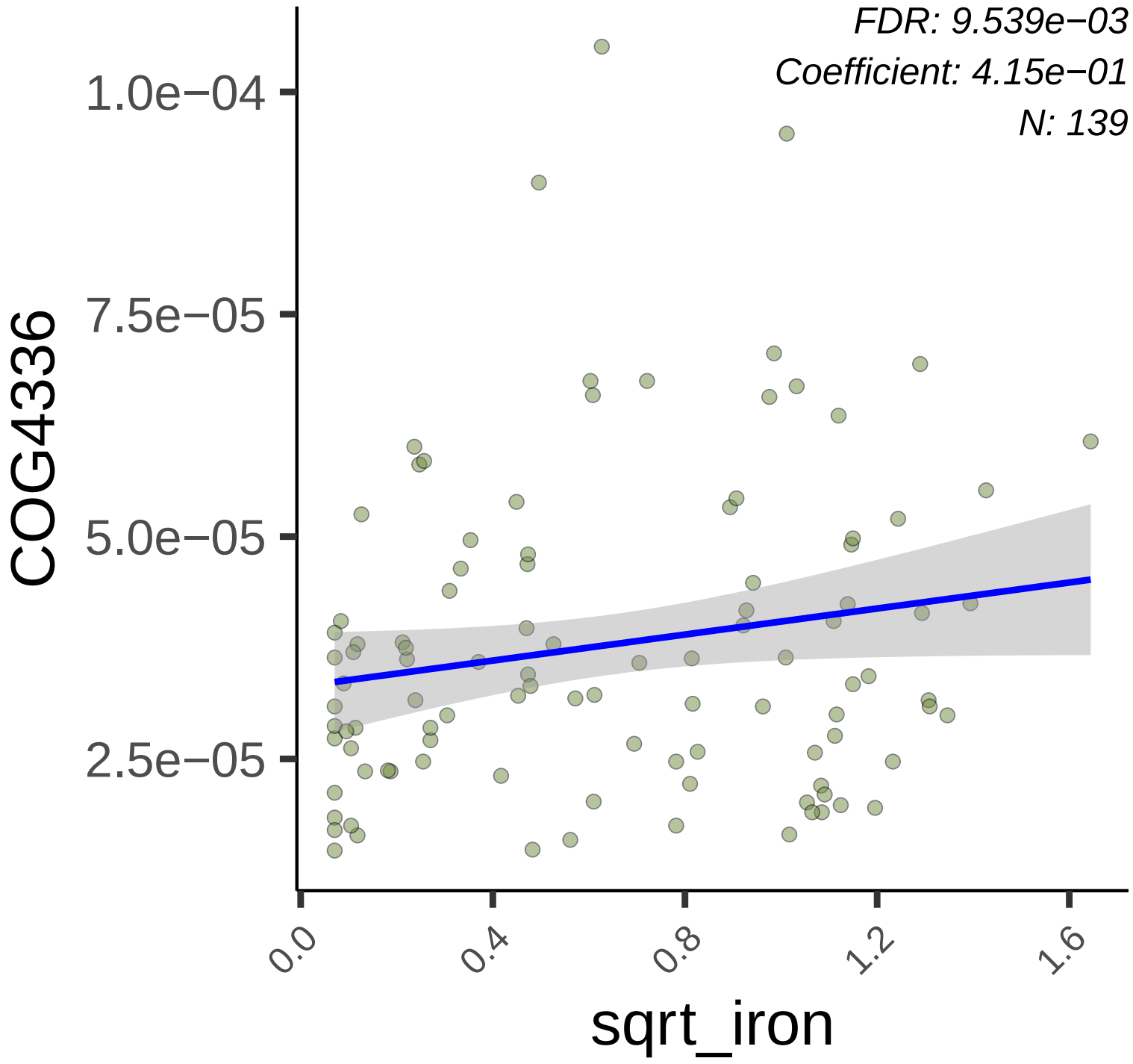
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 9.539e−03
Coefficient: 4.15e−01
N: 139
1.0e−04
7.5e−05
5.0e−05
2.5e−05
COG4336
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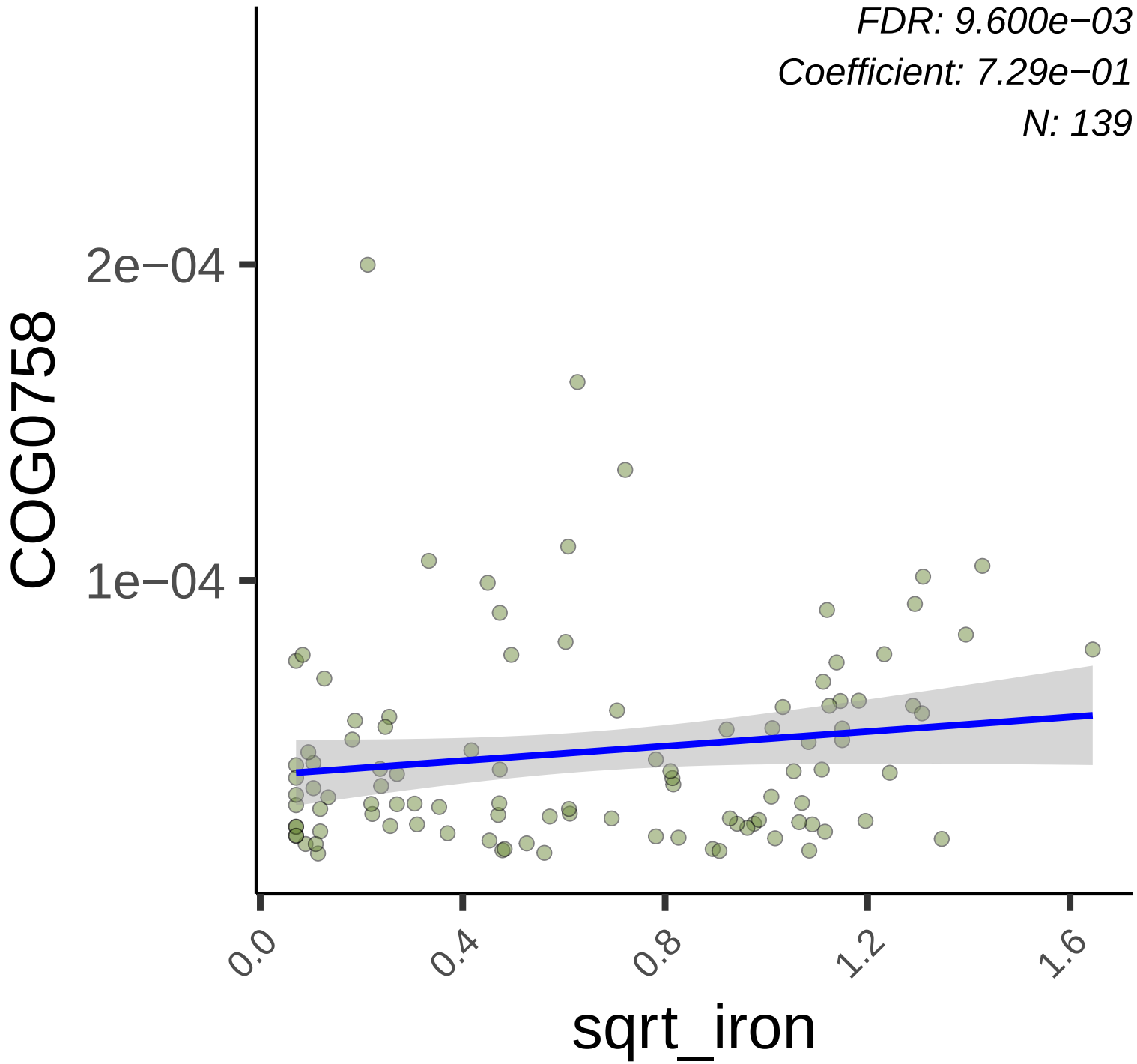
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 9.600e−03
Coefficient: 7.29e−01
N: 139
COG0758
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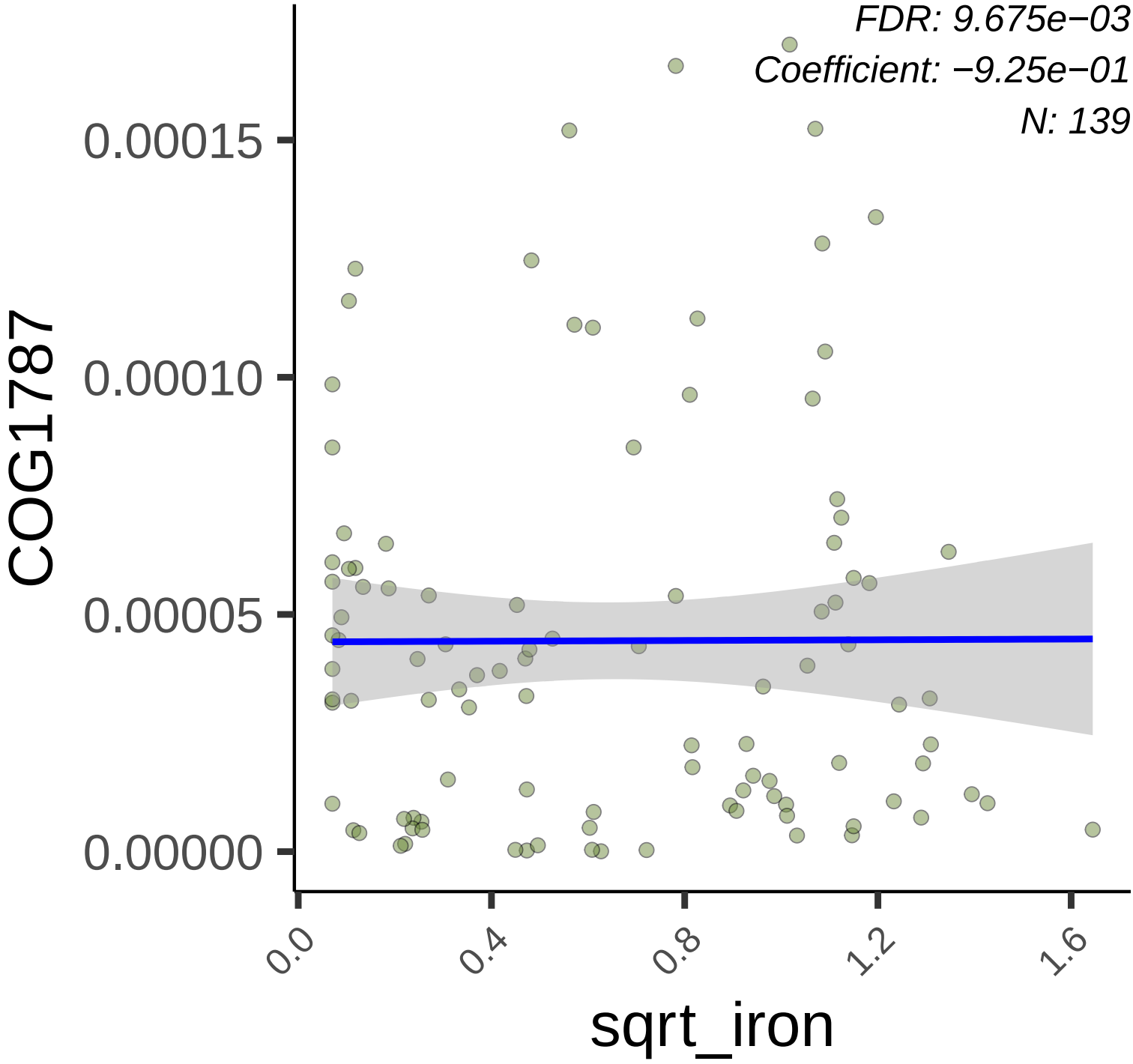
1e−04
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 9.675e−03
Coefficient: −9.25e−01
N: 139
COG1787
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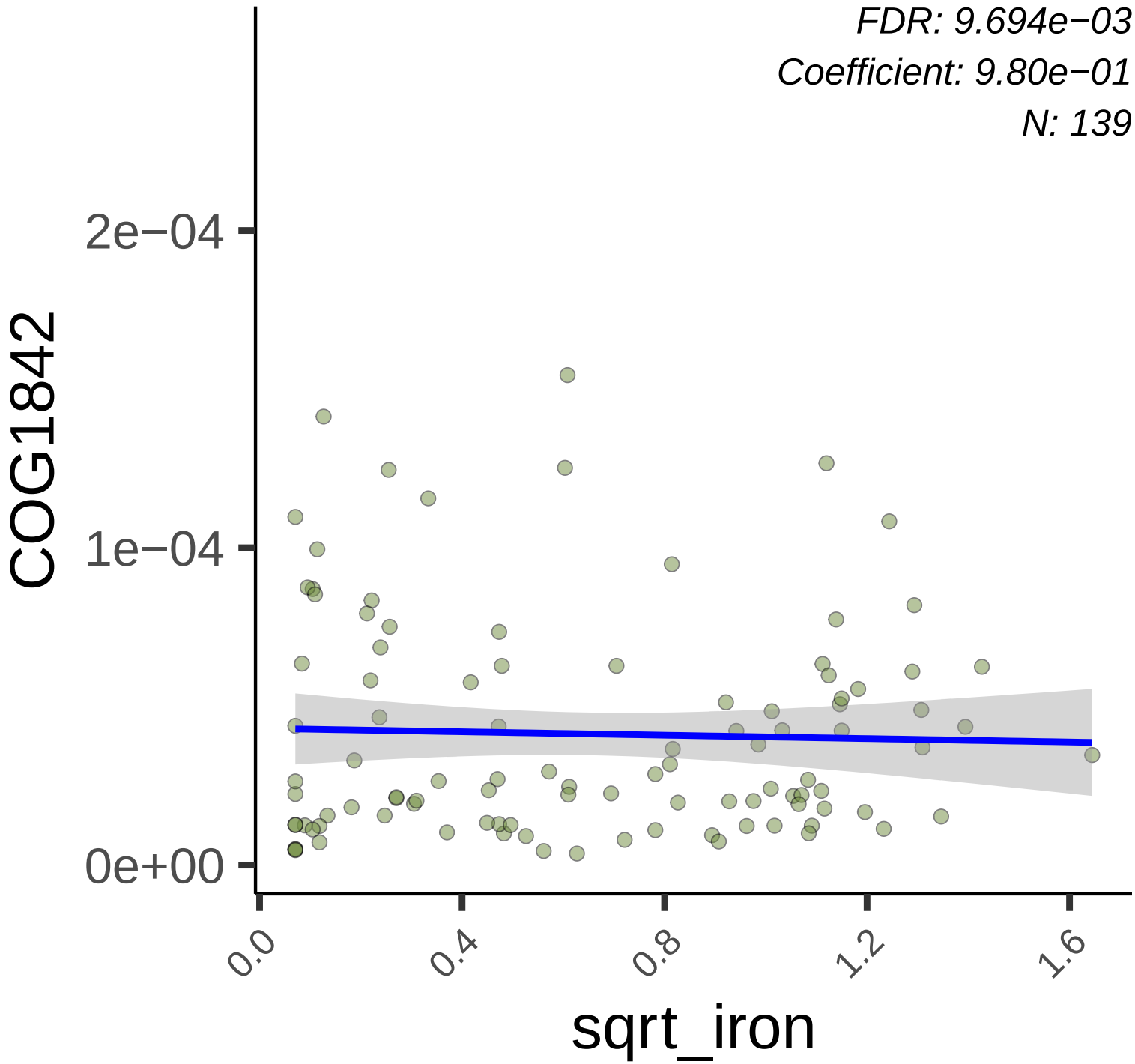
0.00005
0.00010
0.00015
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 9.694e−03
Coefficient: 9.80e−01
N: 139
COG1842
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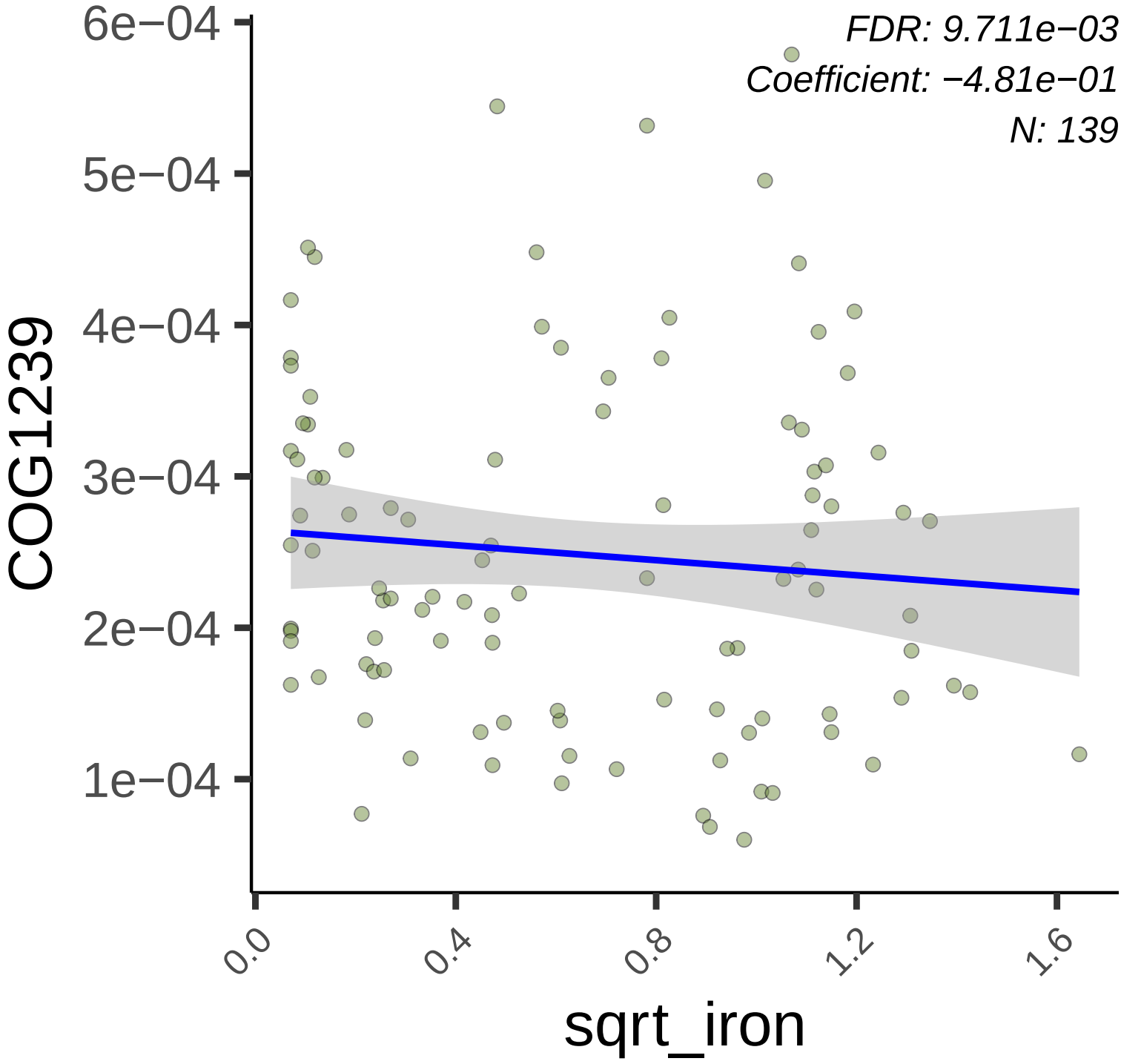
1e−04
0e+00
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 9.711e−03
Coefficient: −4.81e−01
N: 139
COG1239
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3e−04
2e−04
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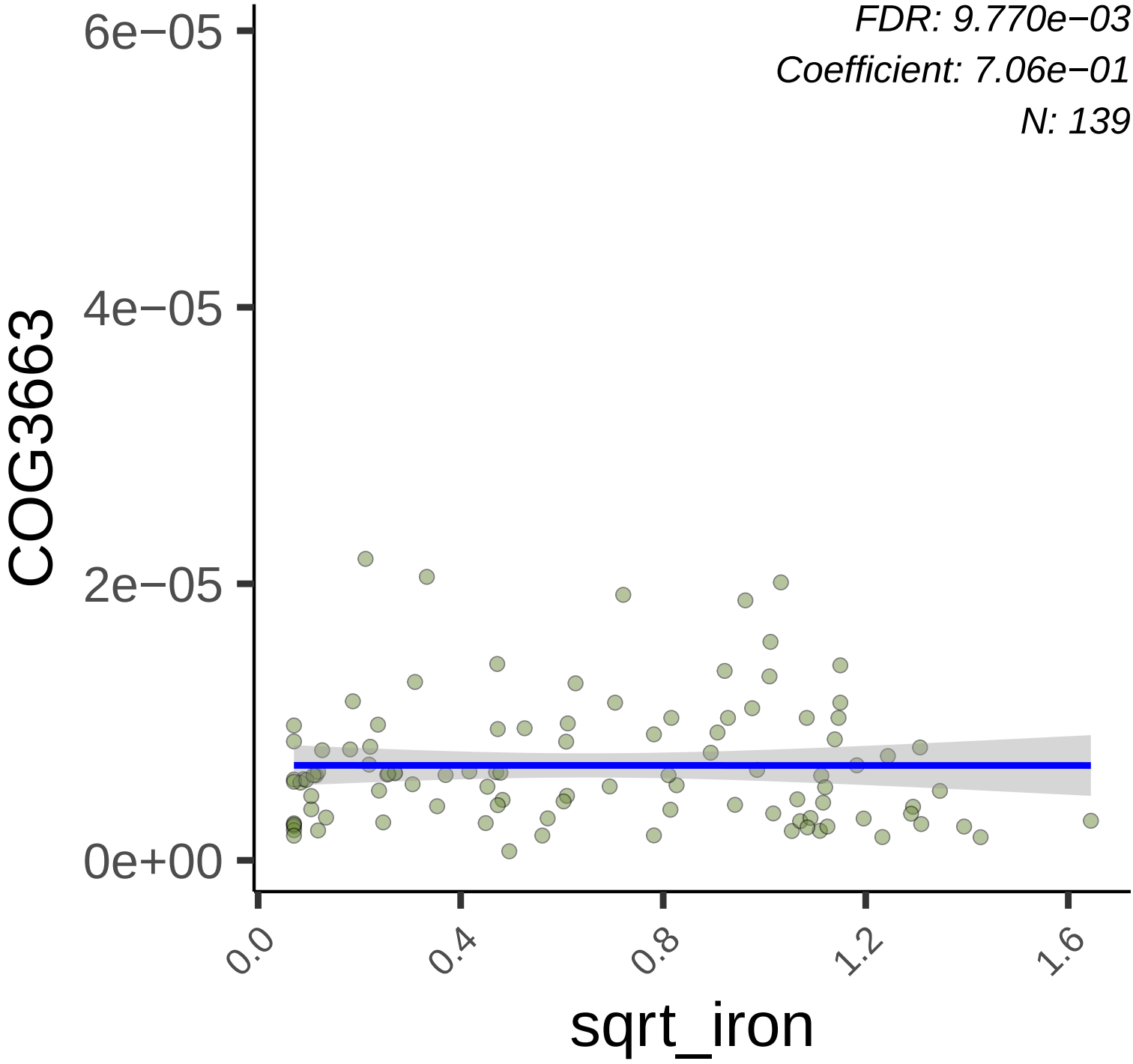
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 9.770e−03
Coefficient: 7.06e−01
N: 139
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4e−05
2e−05
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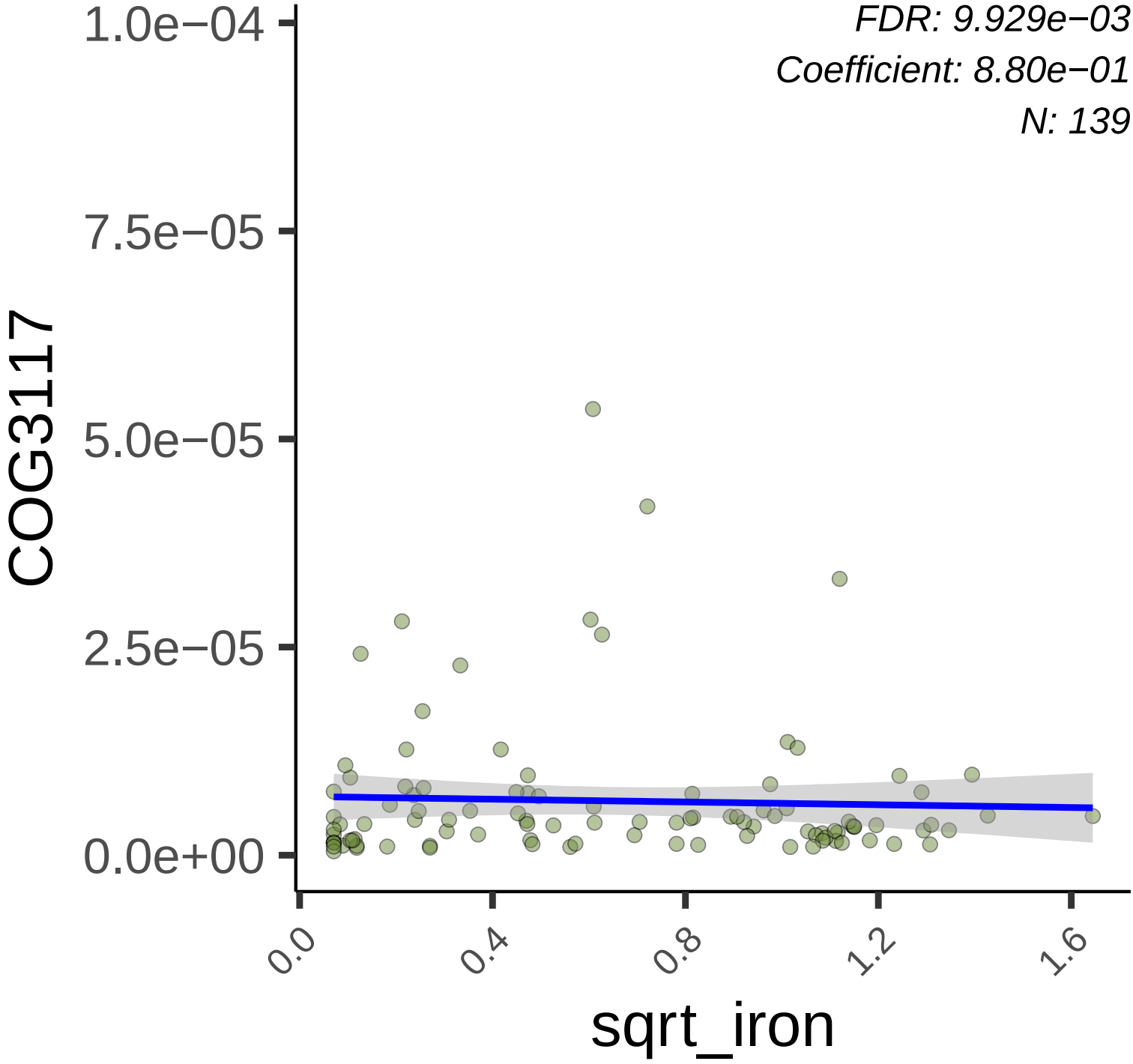
0.4
0.8
1.2
1.6
sqrt_iron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Coefficient: 8.80e−01
N: 139
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7.5e−05
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0.4
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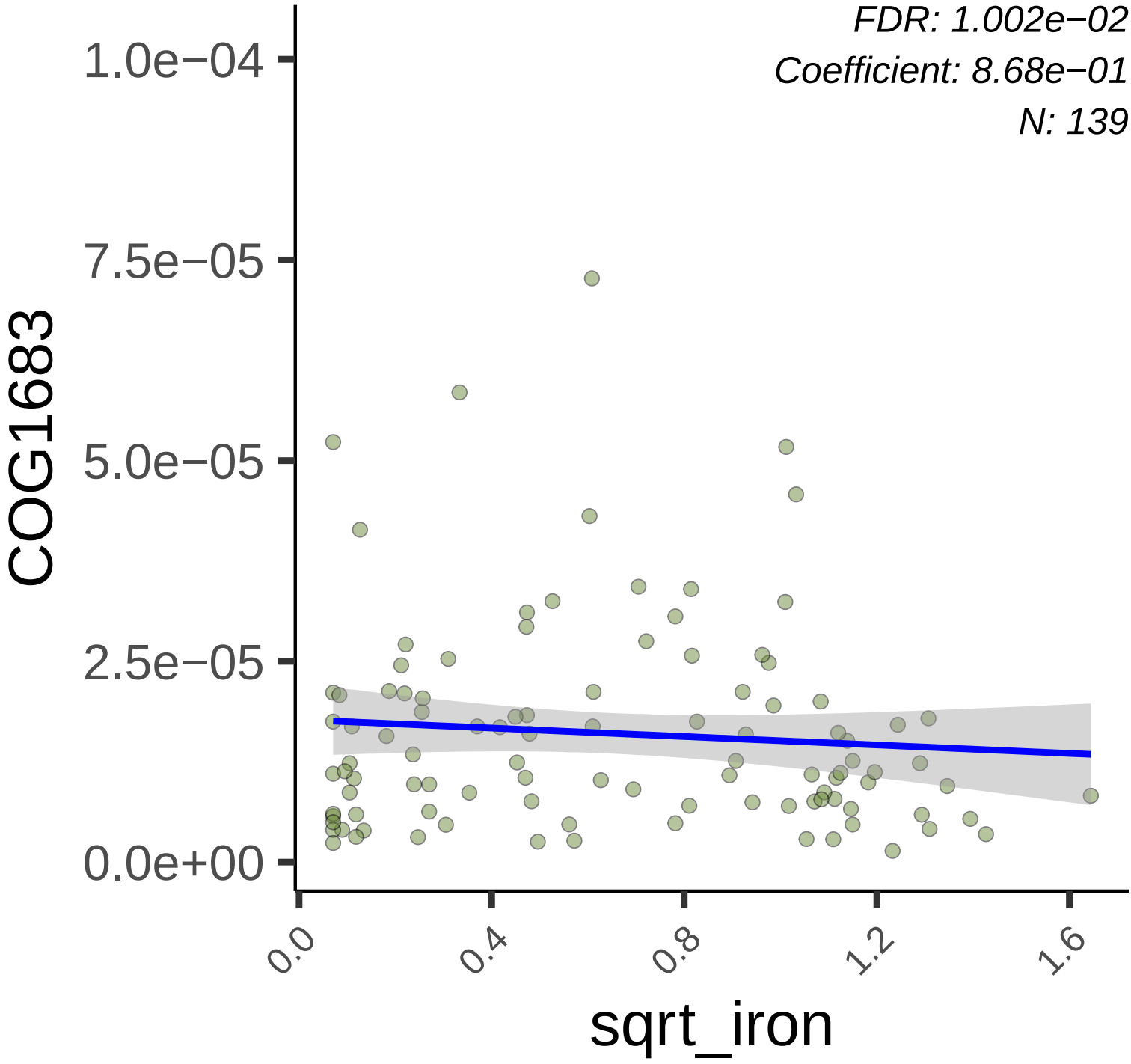
1.2
1.6
sqrt_iron


FDR: 1.002e−02
Coefficient: 8.68e−01
N: 139
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7.5e−05
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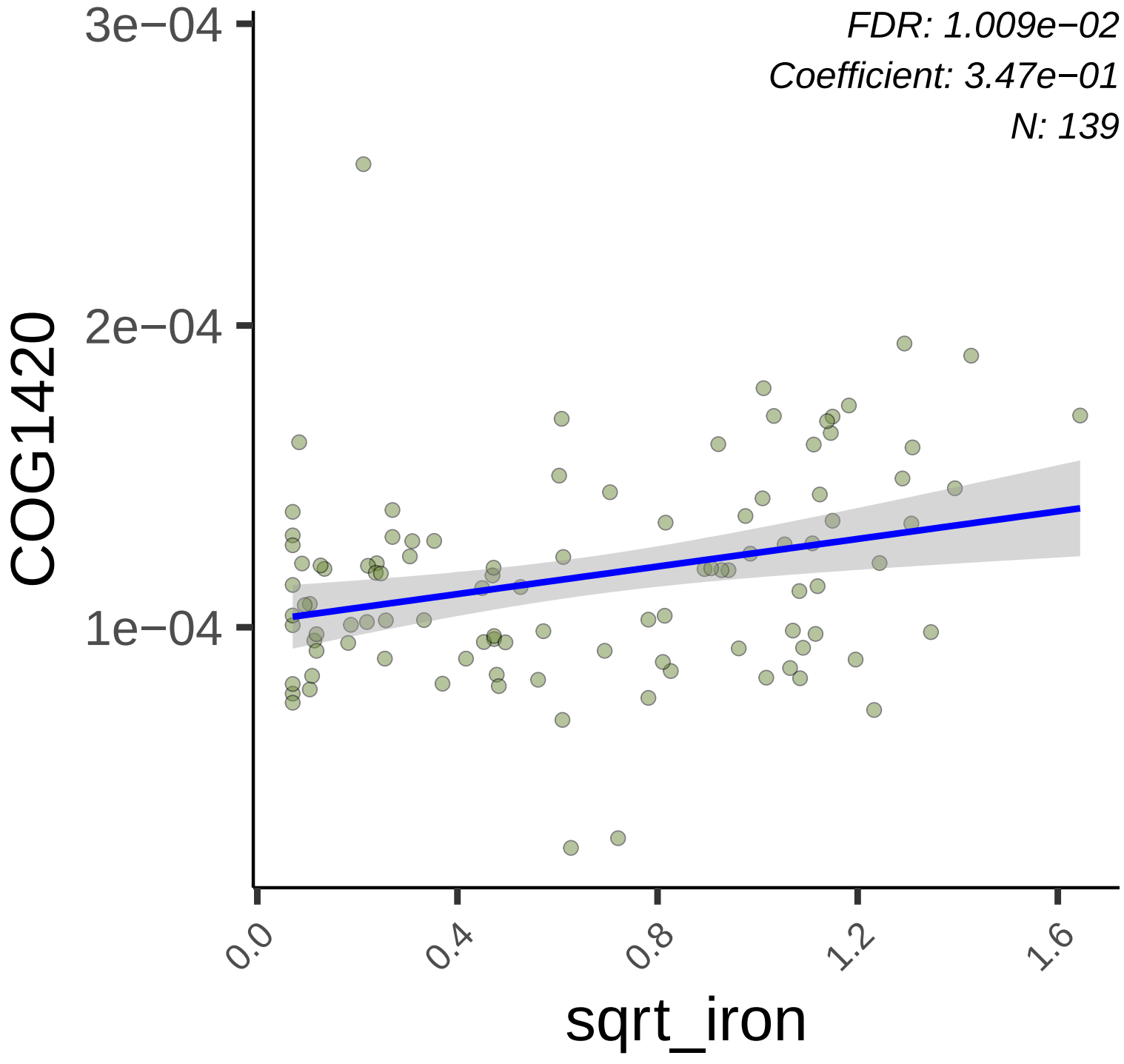
0.8
1.2
1.6
sqrt_iron


FDR: 1.009e−02
Coefficient: 3.47e−01
N: 139
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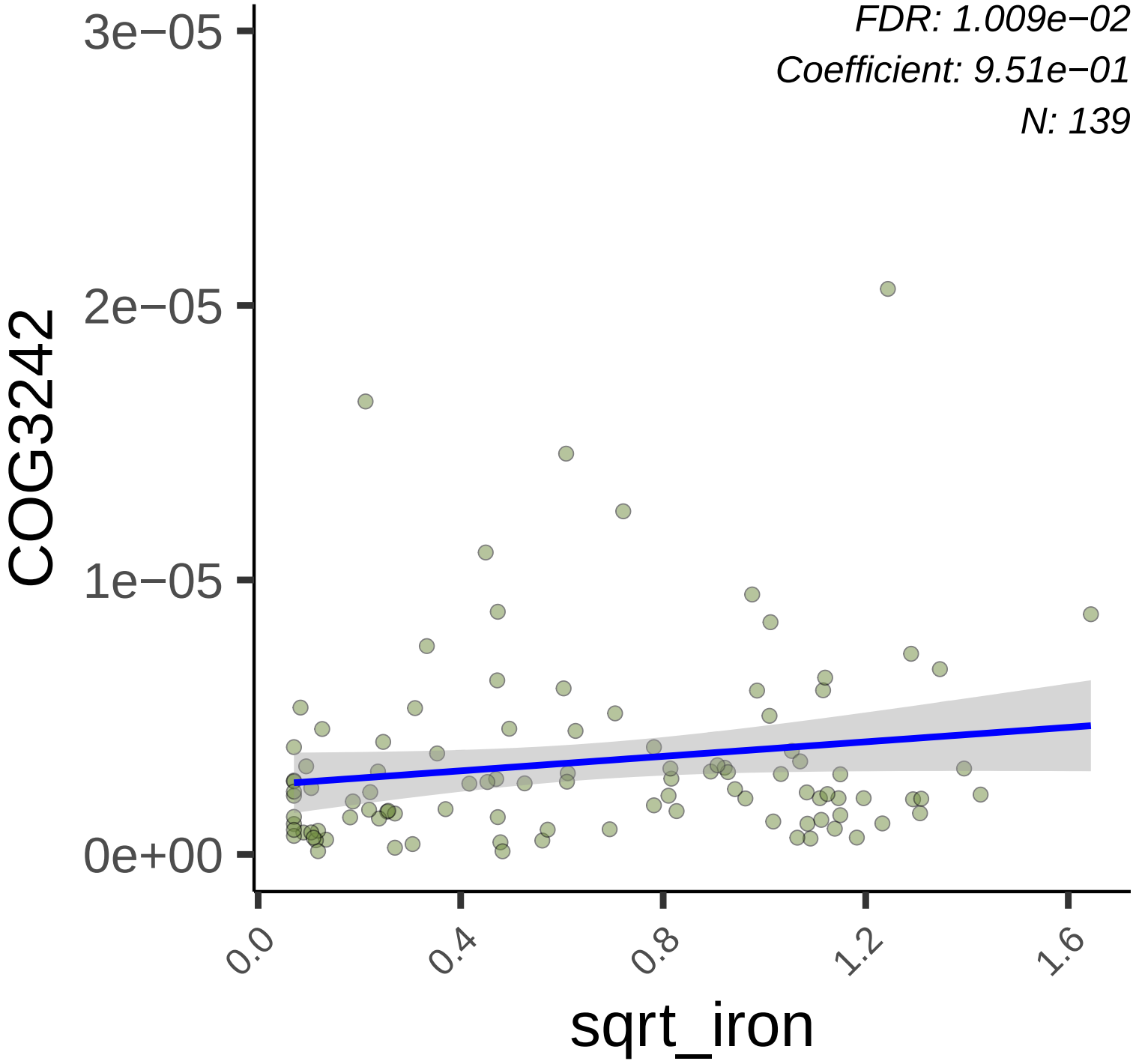
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.009e−02
Coefficient: 9.51e−01
N: 139
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COG3242
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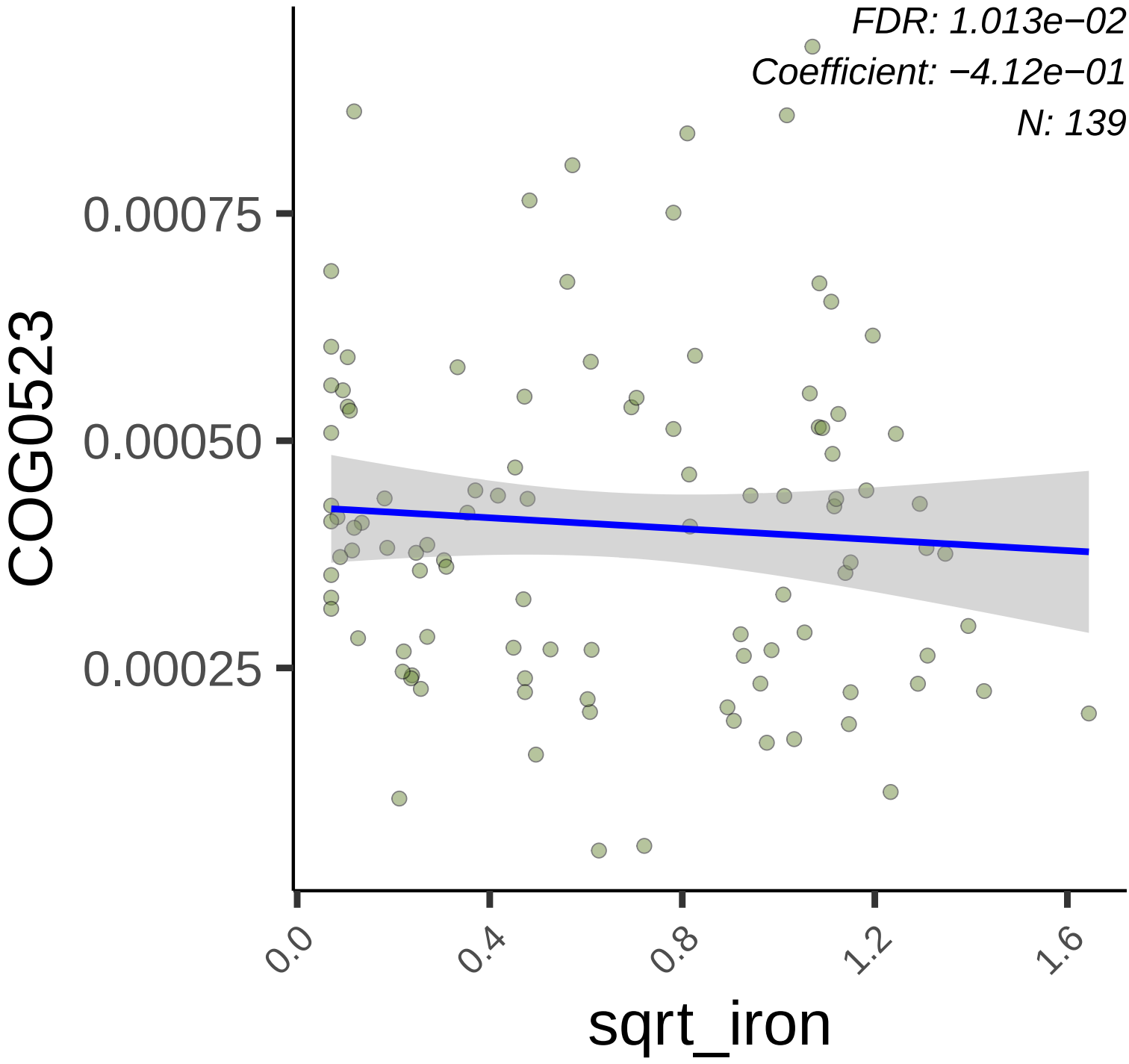
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.013e−02
Coefficient: −4.12e−01
N: 139
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COG0523
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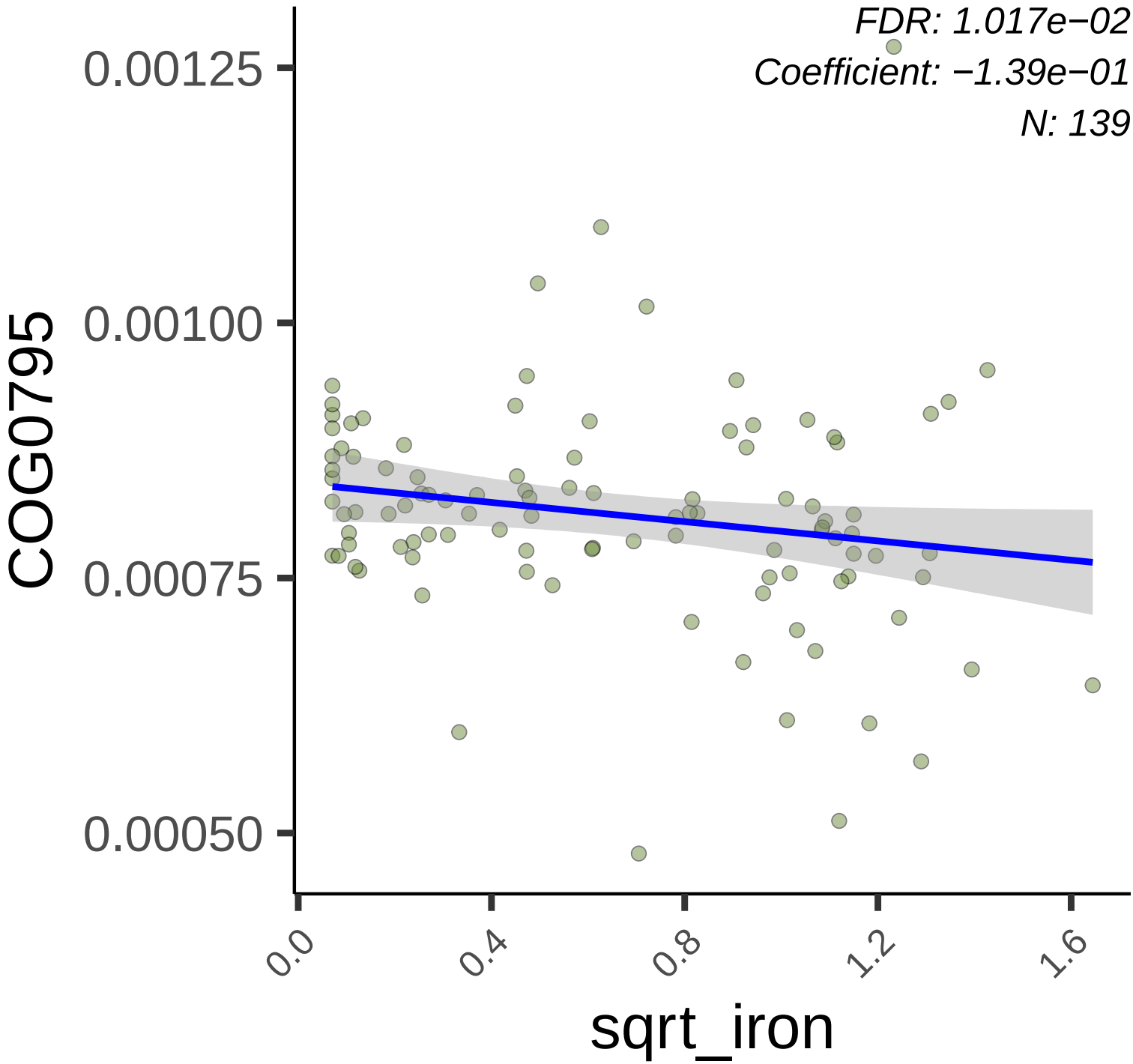
1.6
sqrt_iron


FDR: 1.017e−02
Coefficient: −1.39e−01
N: 139
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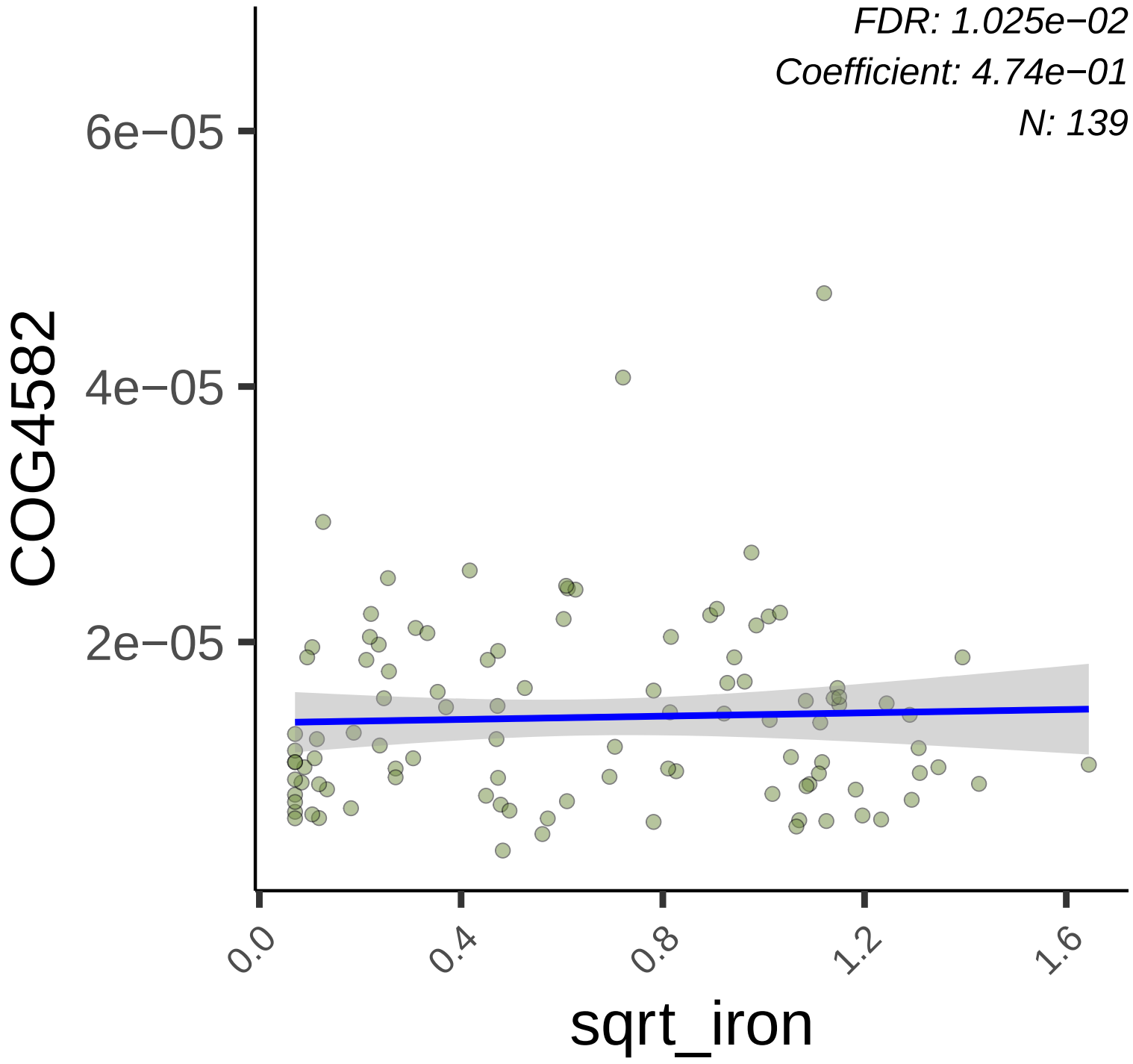
1.6
sqrt_iron


FDR: 1.025e−02
Coefficient: 4.74e−01
N: 139
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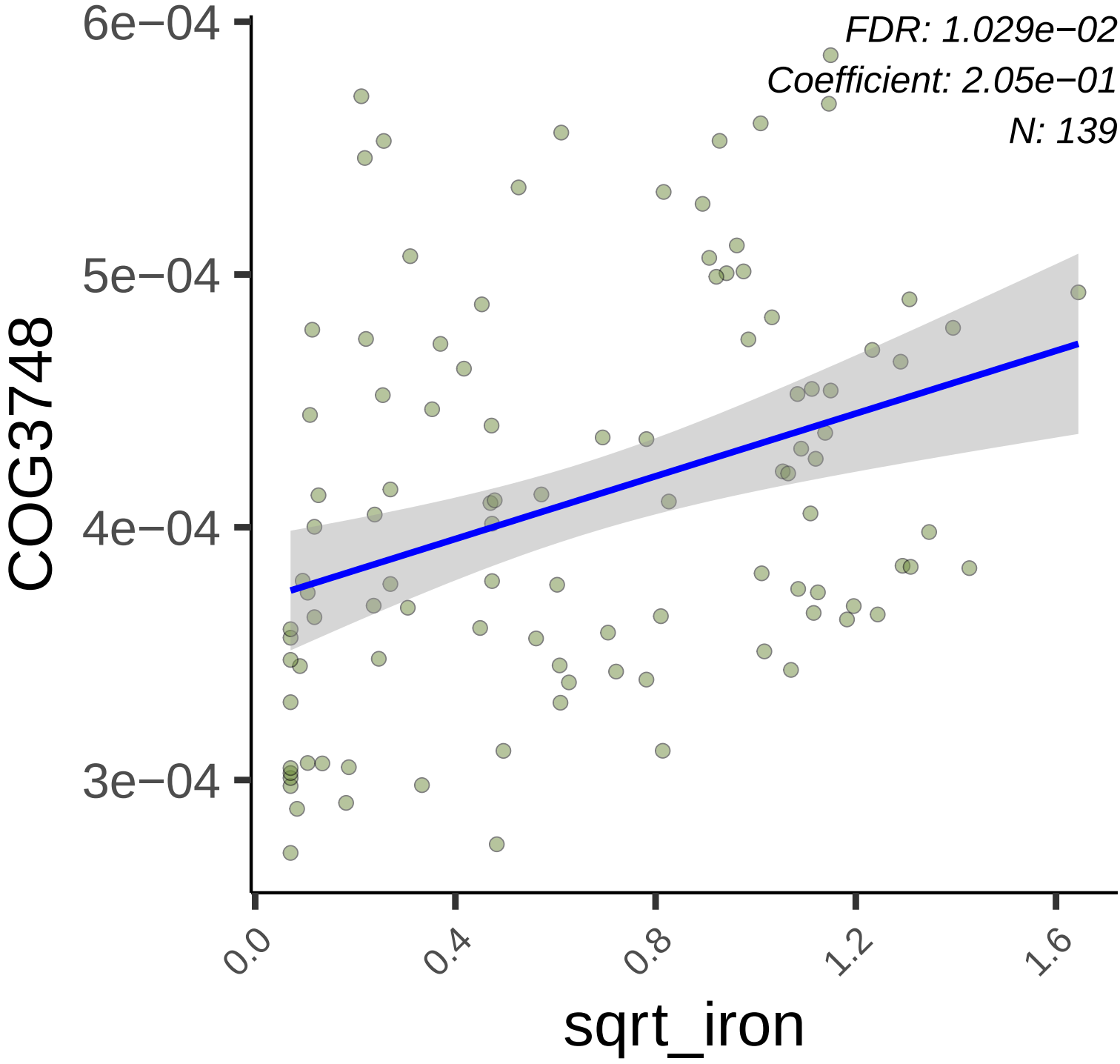
1.6
sqrt_iron


FDR: 1.029e−02
Coefficient: 2.05e−01
N: 139
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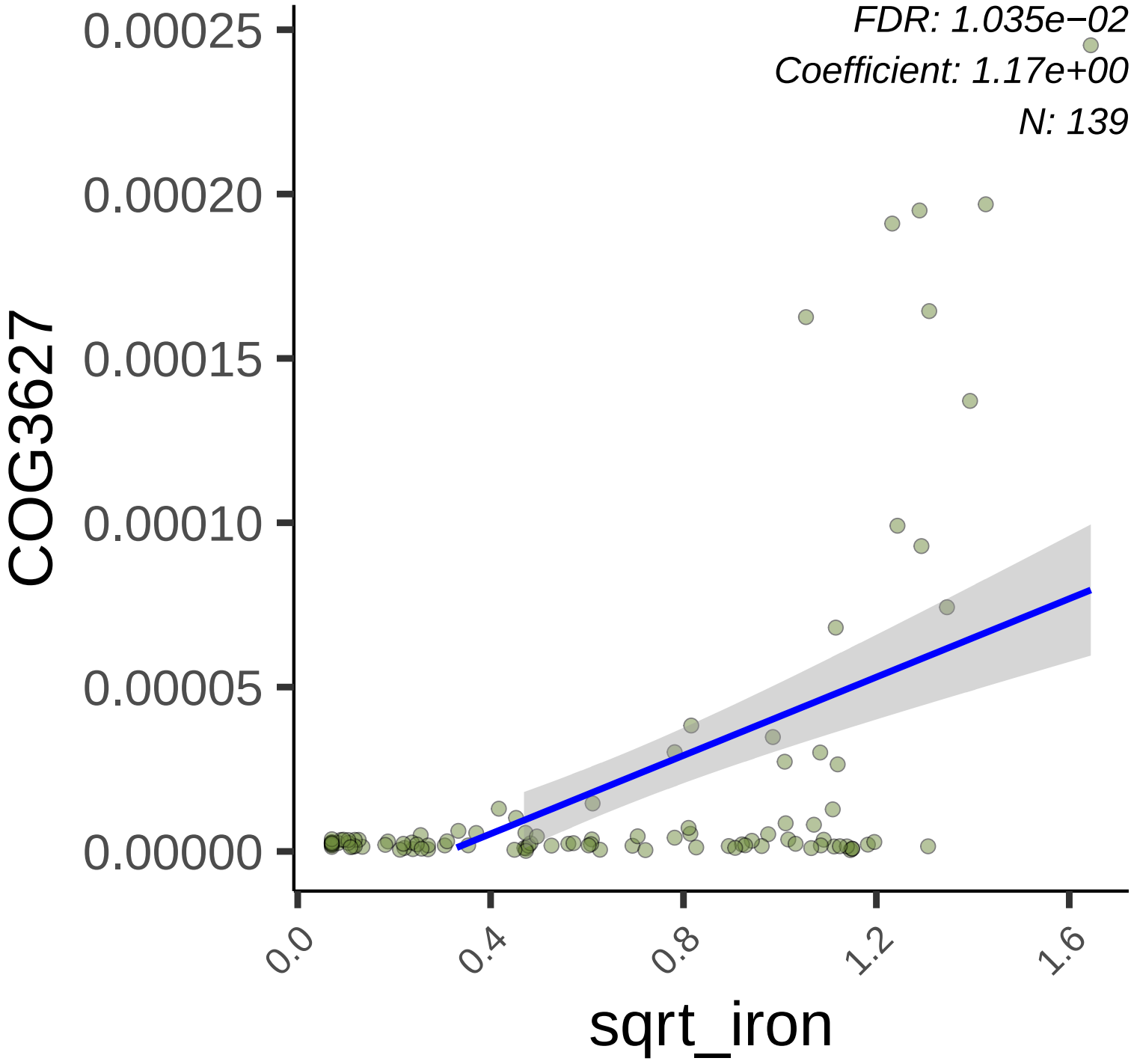
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.035e−02
Coefficient: 1.17e+00
N: 139
COG3627
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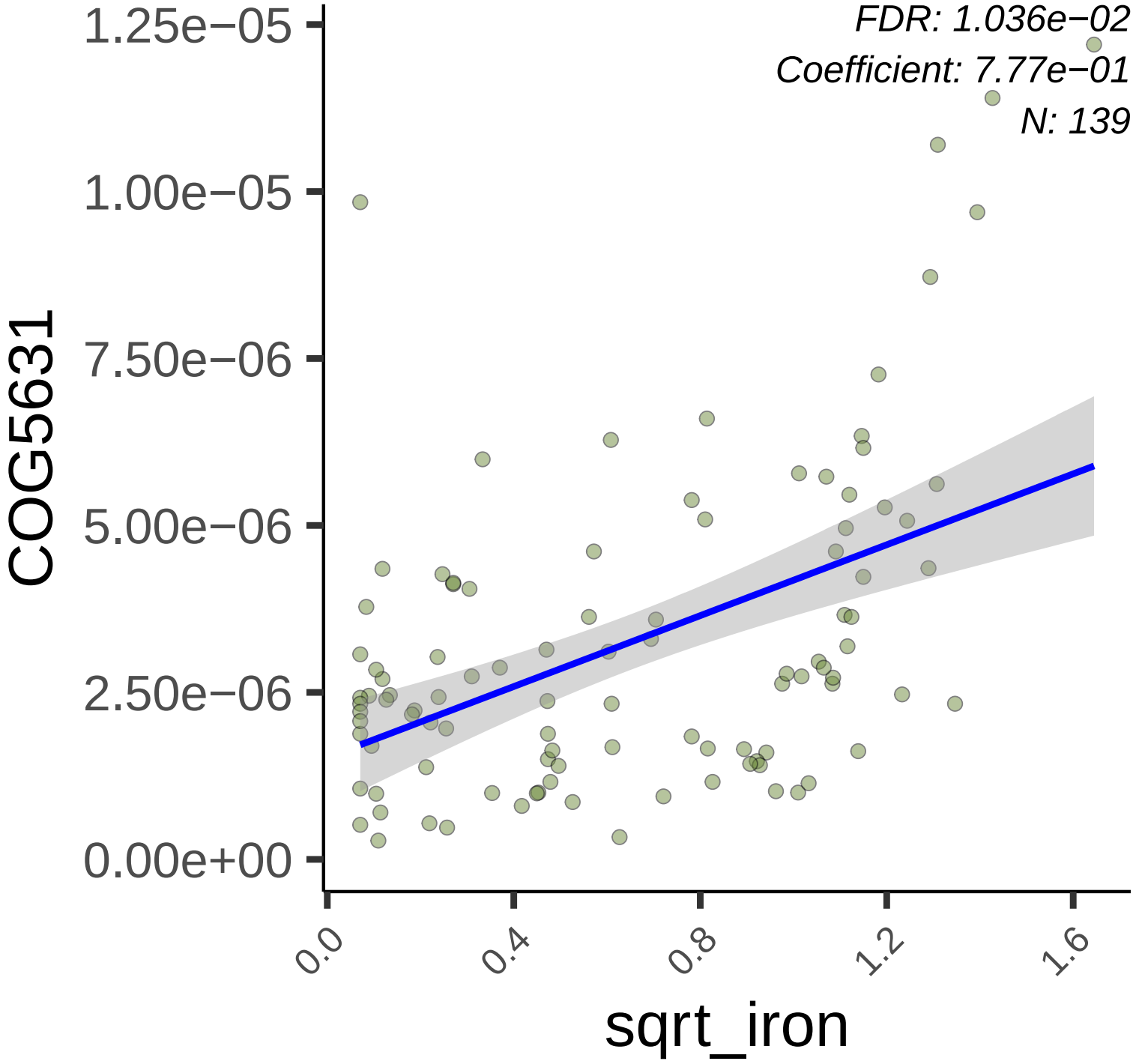
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.036e−02
Coefficient: 7.77e−01
N: 139
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1.00e−05
7.50e−06
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0.00e+00
COG5631
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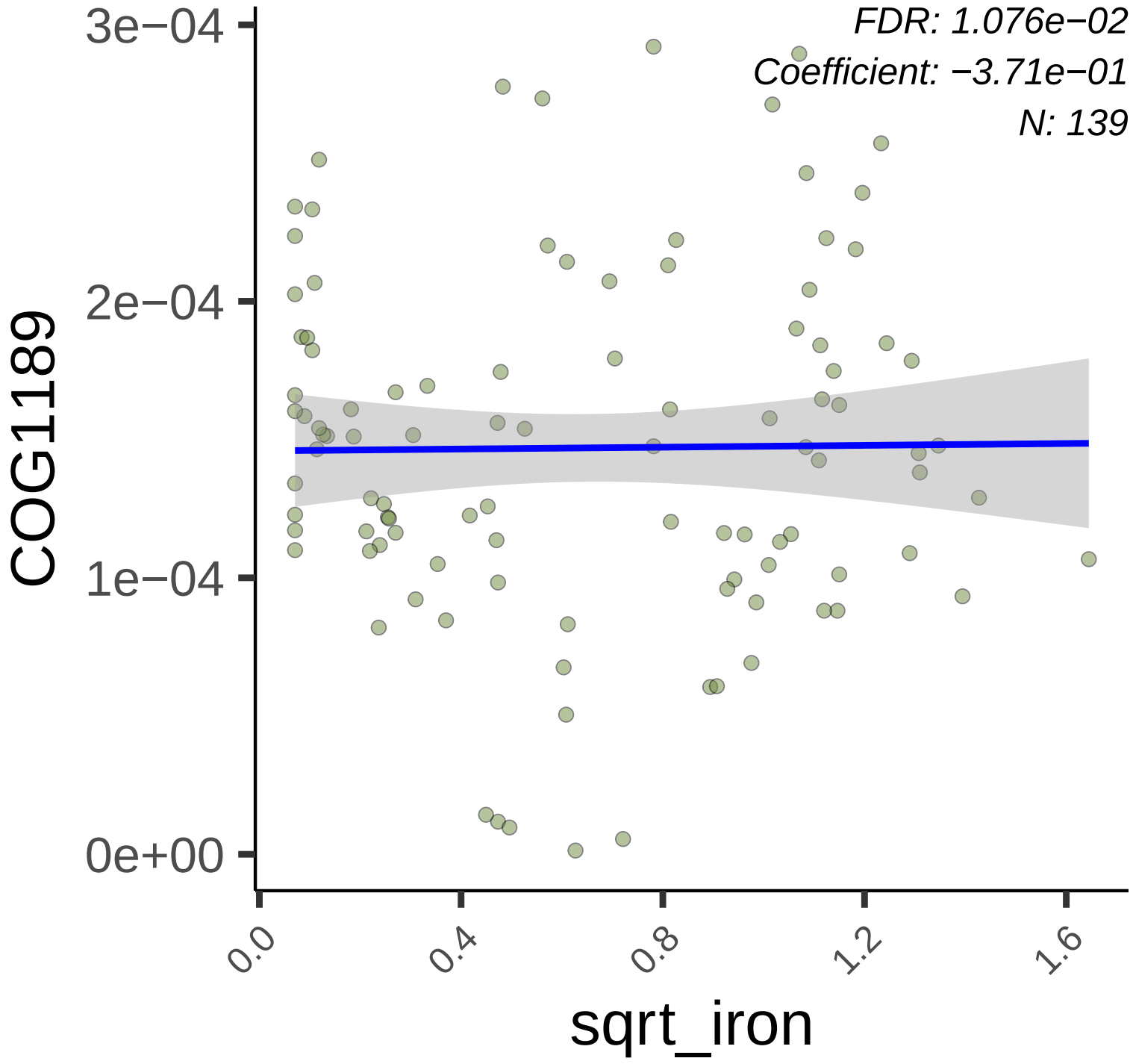
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.076e−02
Coefficient: −3.71e−01
N: 139
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COG1189
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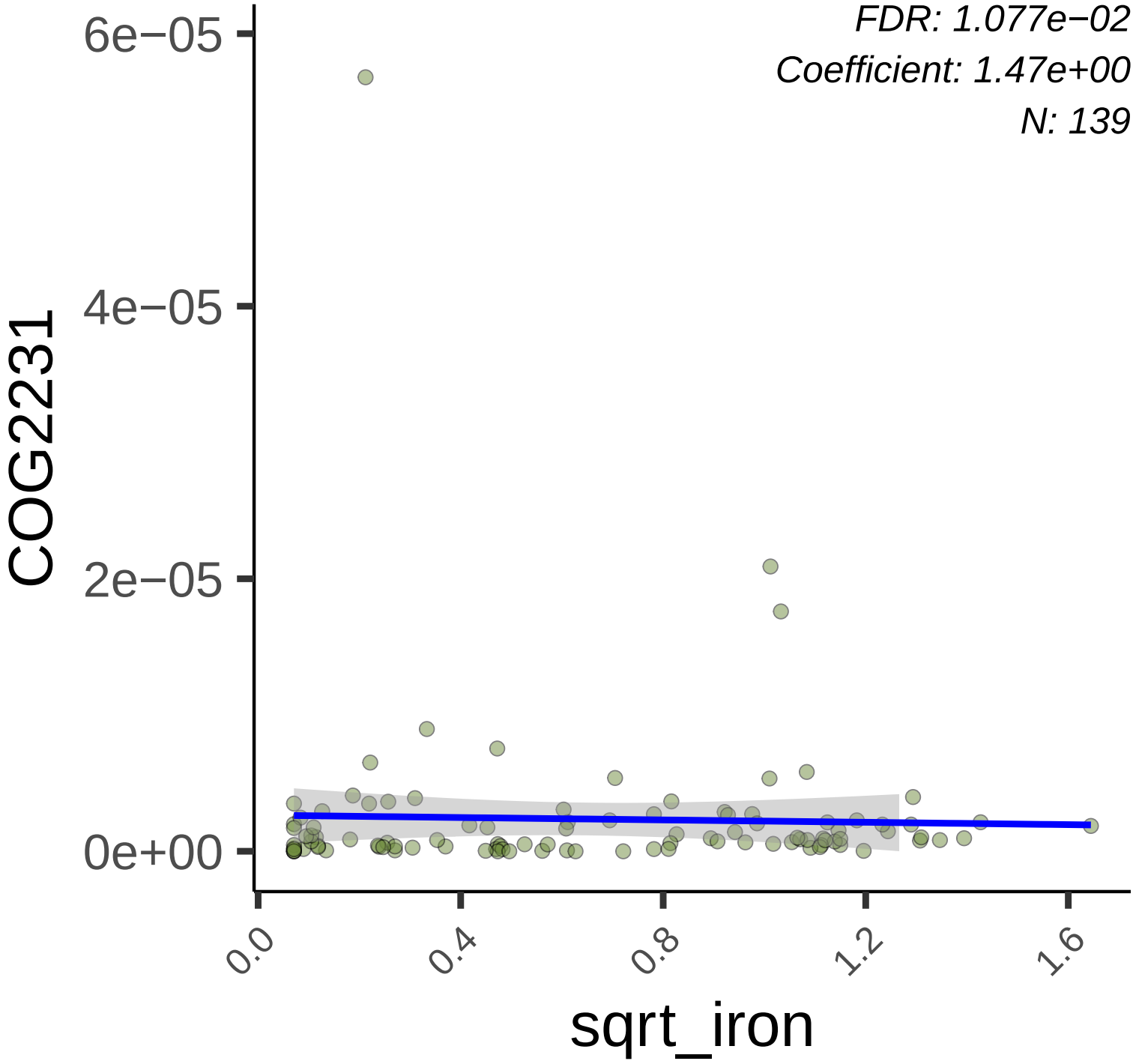
0.8
1.2
1.6
sqrt_iron


FDR: 1.077e−02
Coefficient: 1.47e+00
N: 139
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0e+00
COG2231
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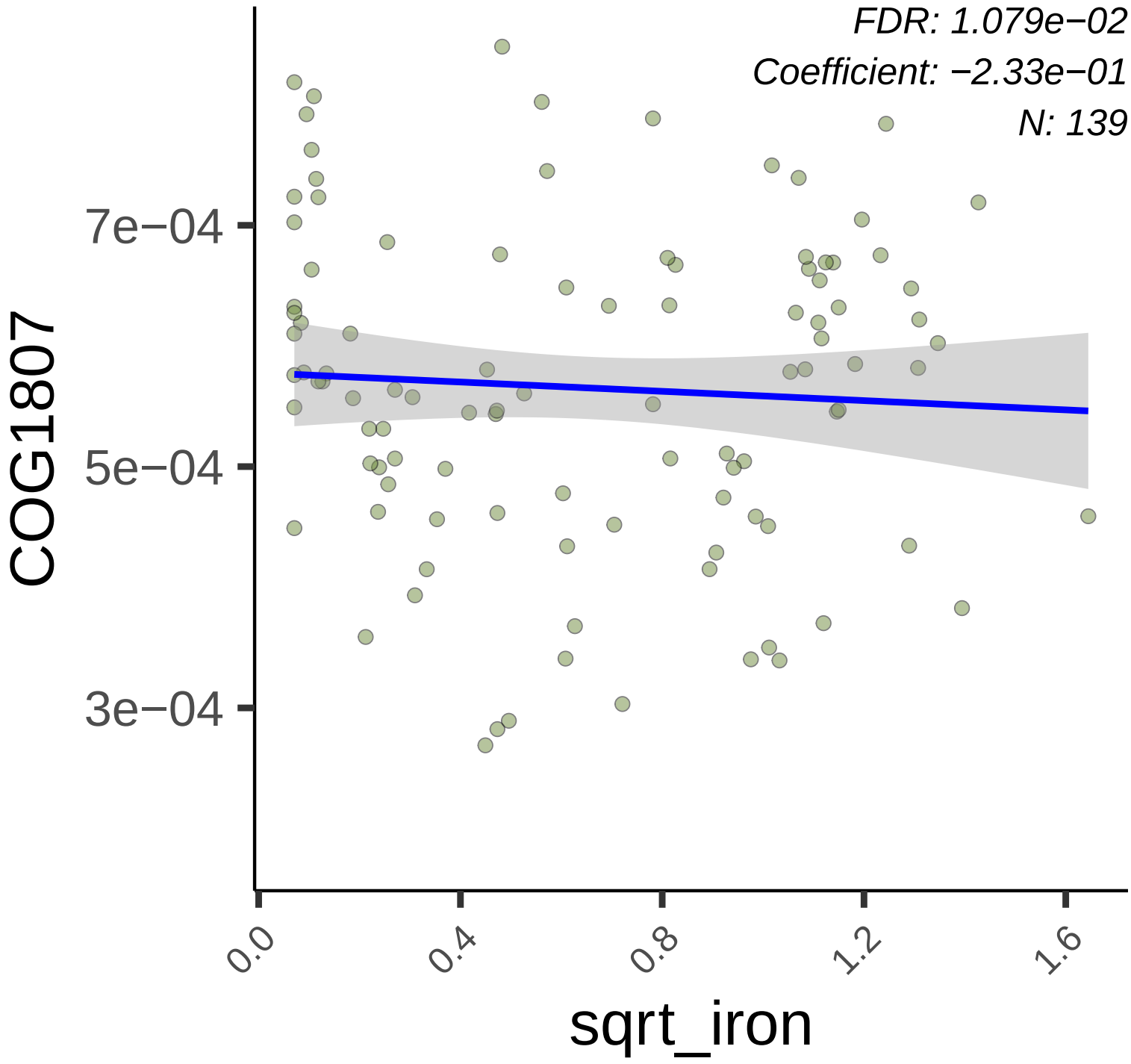
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.079e−02
Coefficient: −2.33e−01
N: 139
COG1807
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5e−04
3e−04
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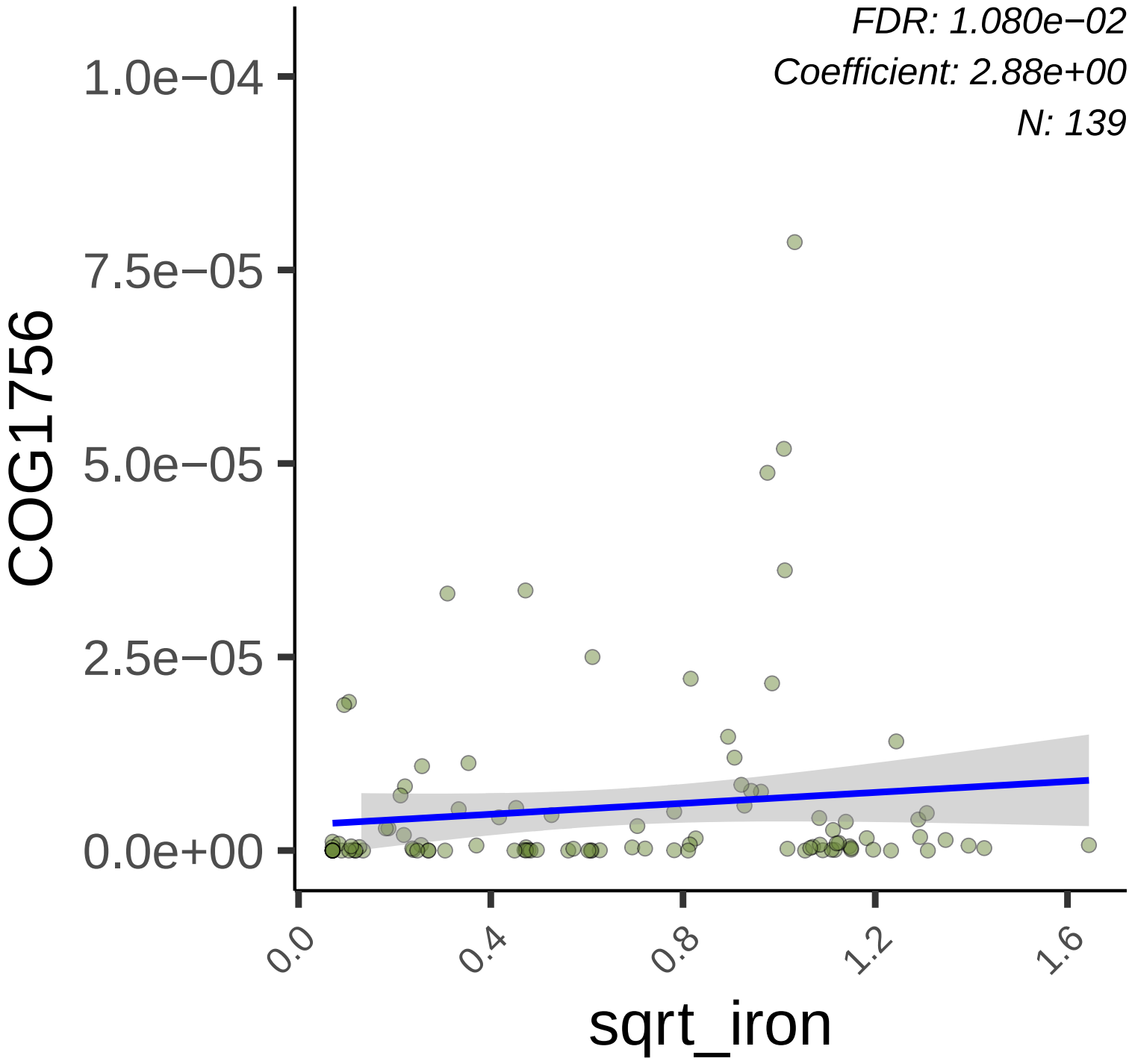
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.080e−02
Coefficient: 2.88e+00
N: 139
1.0e−04
7.5e−05
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0.0e+00
COG1756
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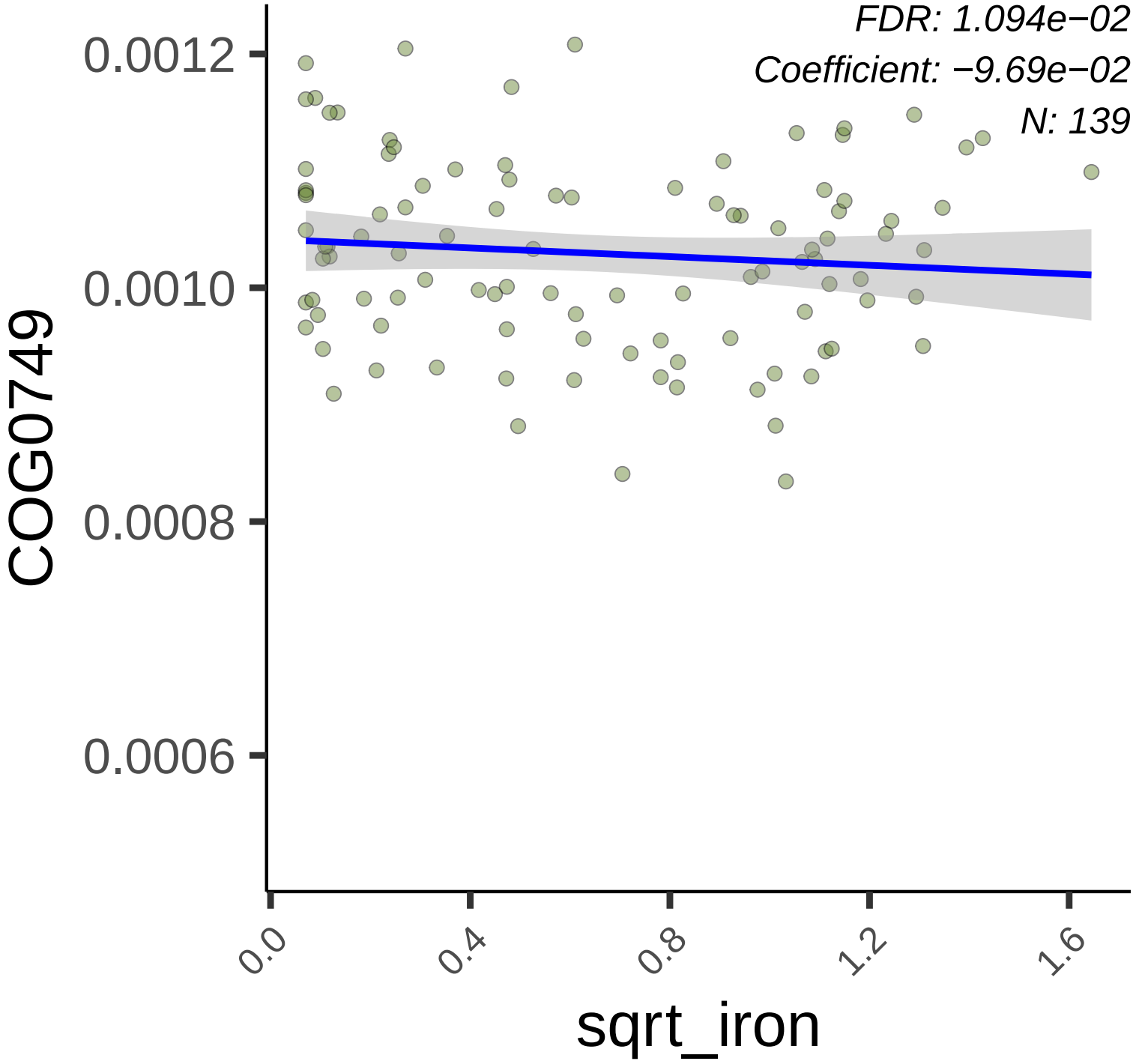
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.094e−02
Coefficient: −9.69e−02
N: 139
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0.0010
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COG0749
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0.4
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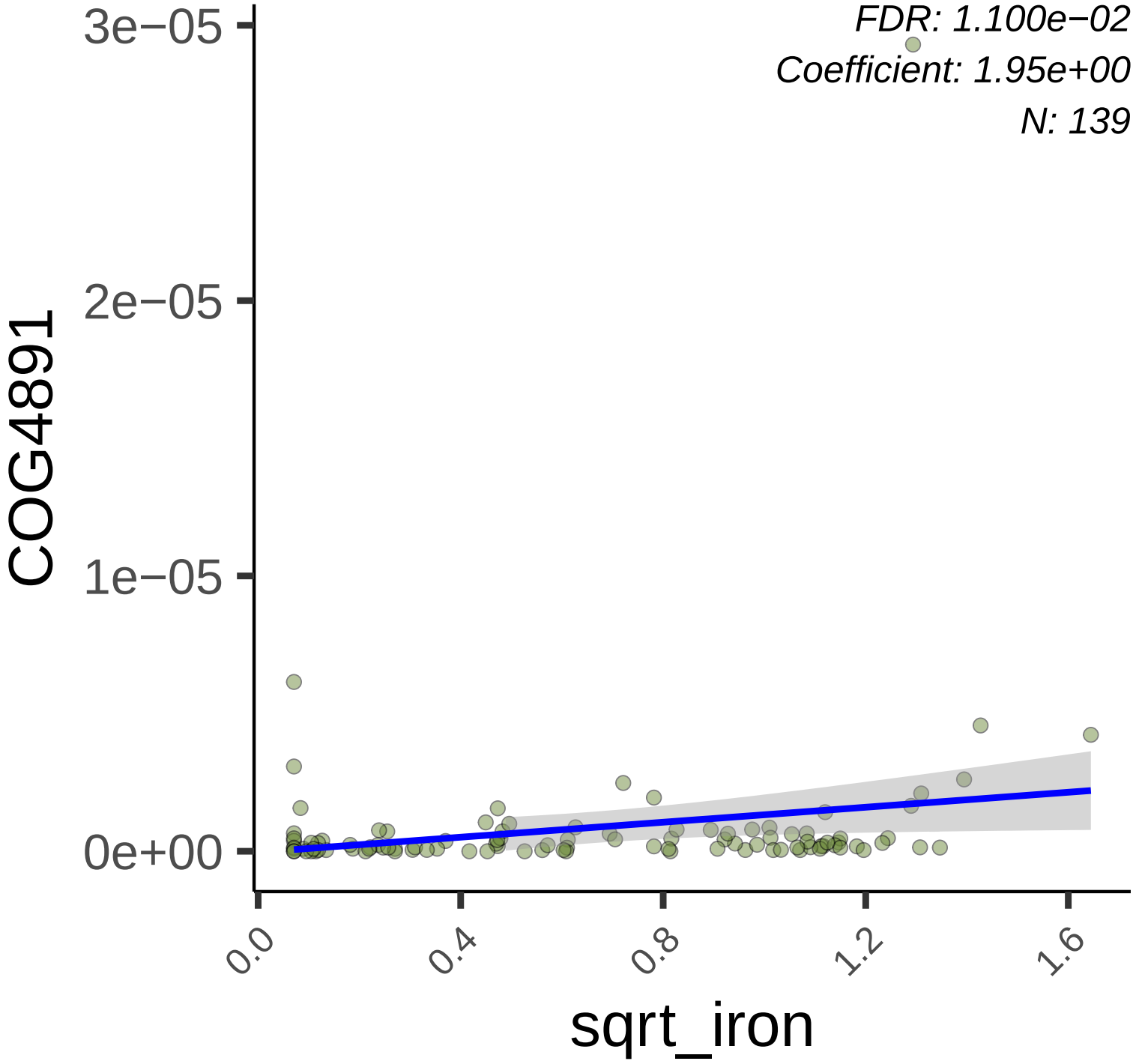
1.6
sqrt_iron


FDR: 1.100e−02
Coefficient: 1.95e+00
N: 139
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COG4891
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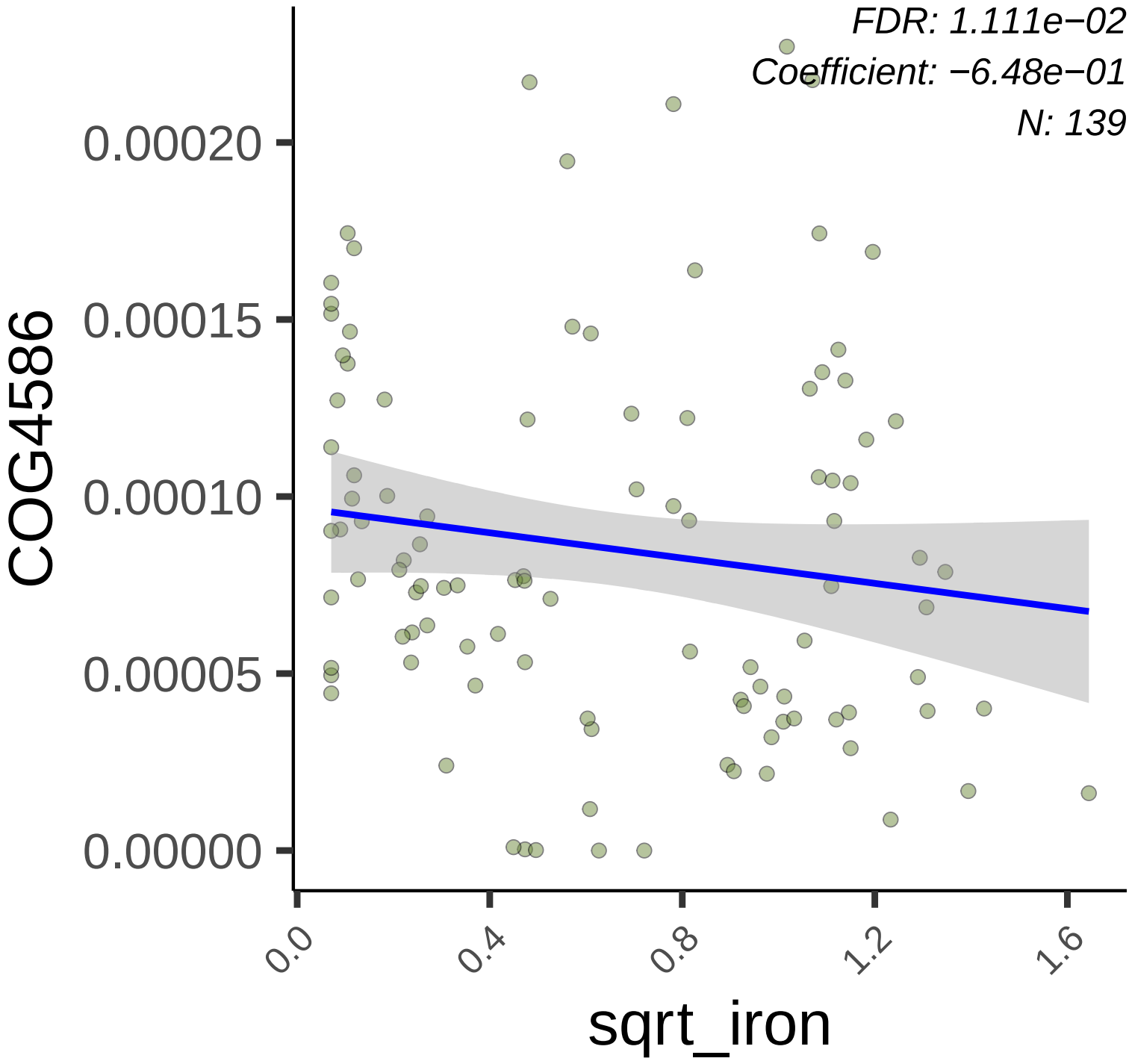
sqrt_iron


FDR: 1.111e−02
Coefficient: −6.48e−01
N: 139
COG4586
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0.4
0.8
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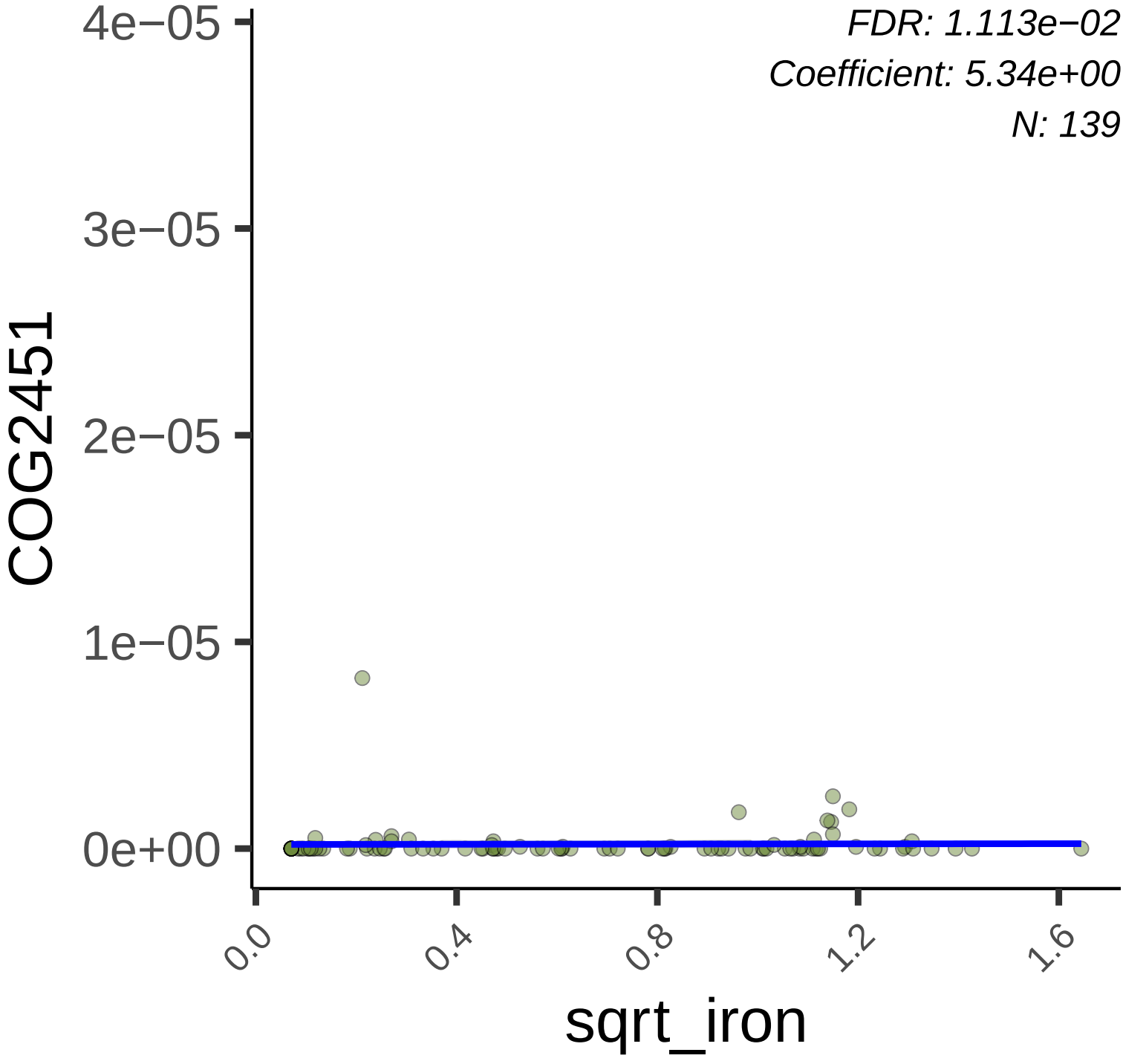
1.6
sqrt_iron


FDR: 1.113e−02
Coefficient: 5.34e+00
N: 139
4e−05
3e−05
2e−05
1e−05
0e+00
COG2451
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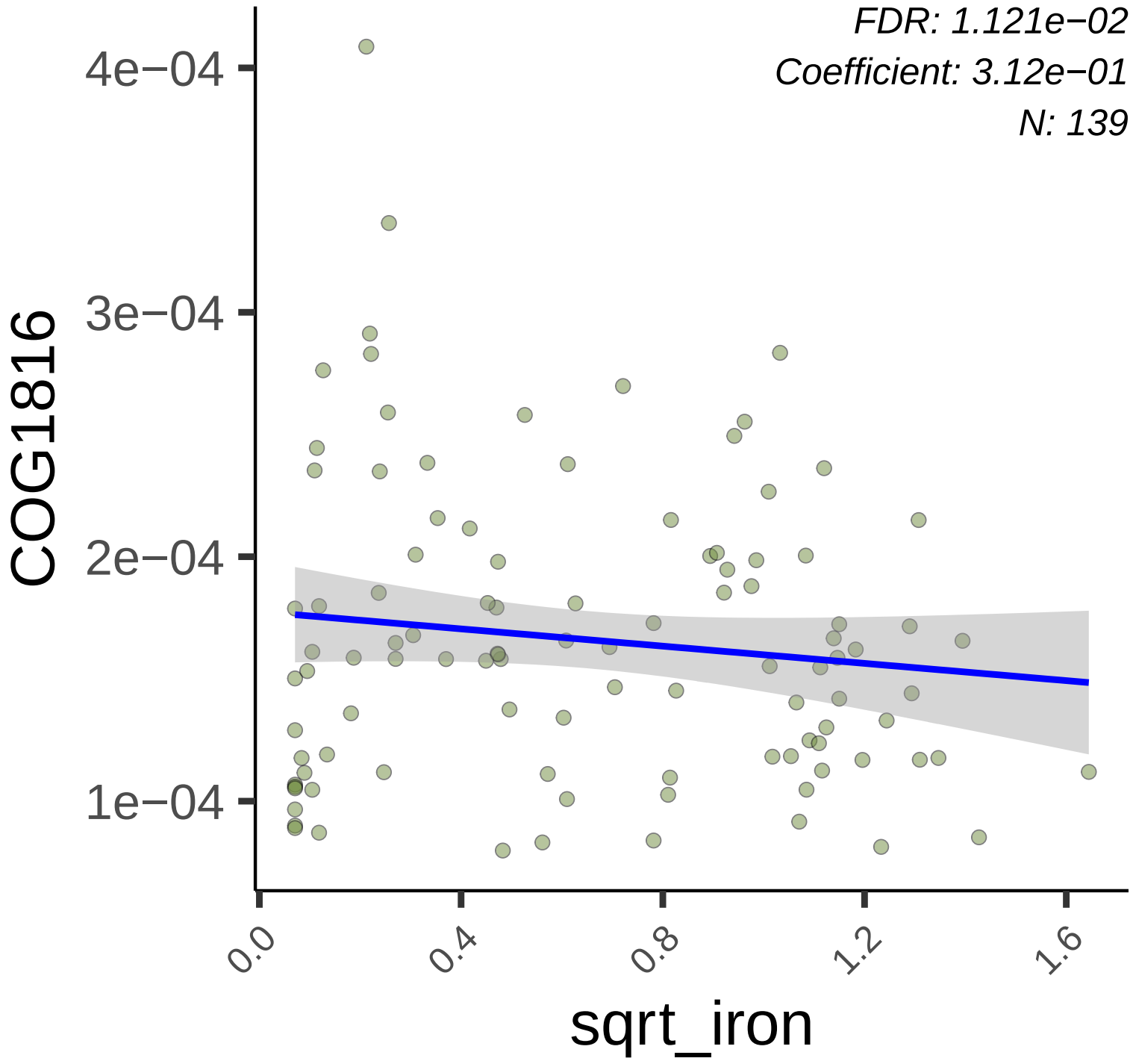
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.121e−02
Coefficient: 3.12e−01
N: 139
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2e−04
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COG1816
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0.4
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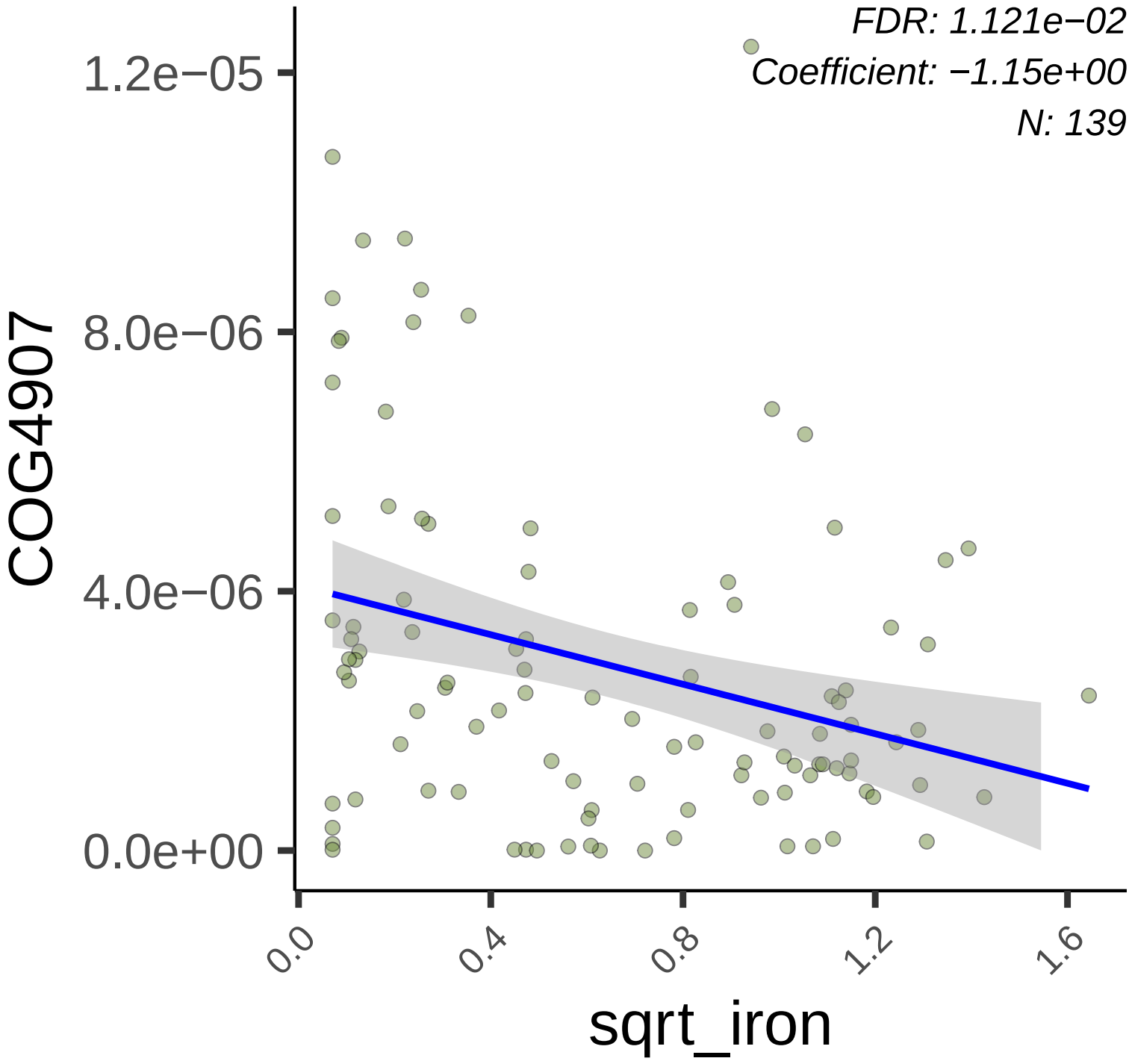
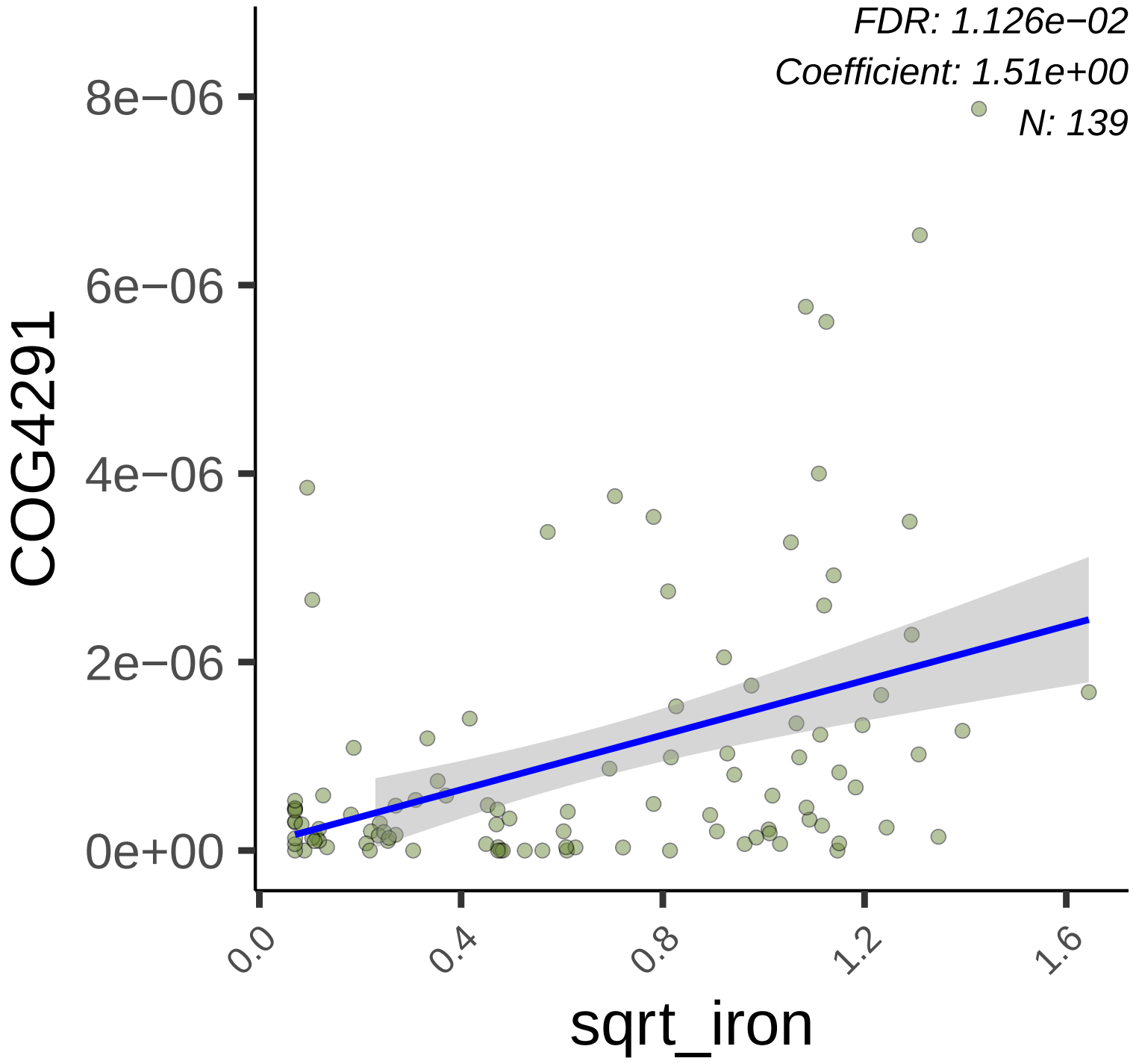
1.2
1.6
sqrt_iron


FDR: 1.121e−02
Coefficient: −1.15e+00
N: 139
COG4907
1.2e−05
8.0e−06
4.0e−06
0.0e+00
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.126e−02
Coefficient: 1.51e+00
N: 139
COG4291
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2e−06
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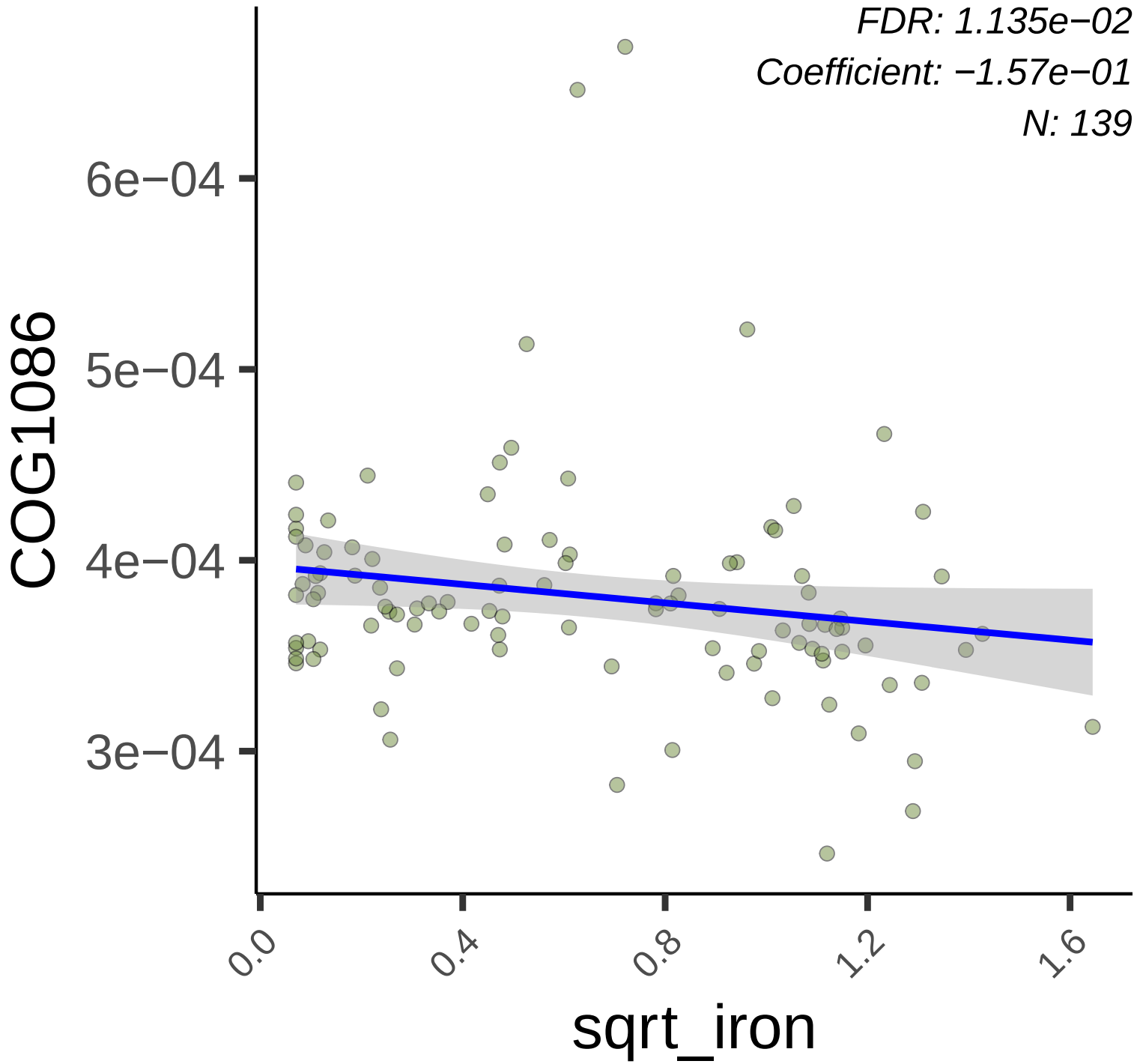
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.135e−02
Coefficient: −1.57e−01
N: 139
COG1086
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4e−04
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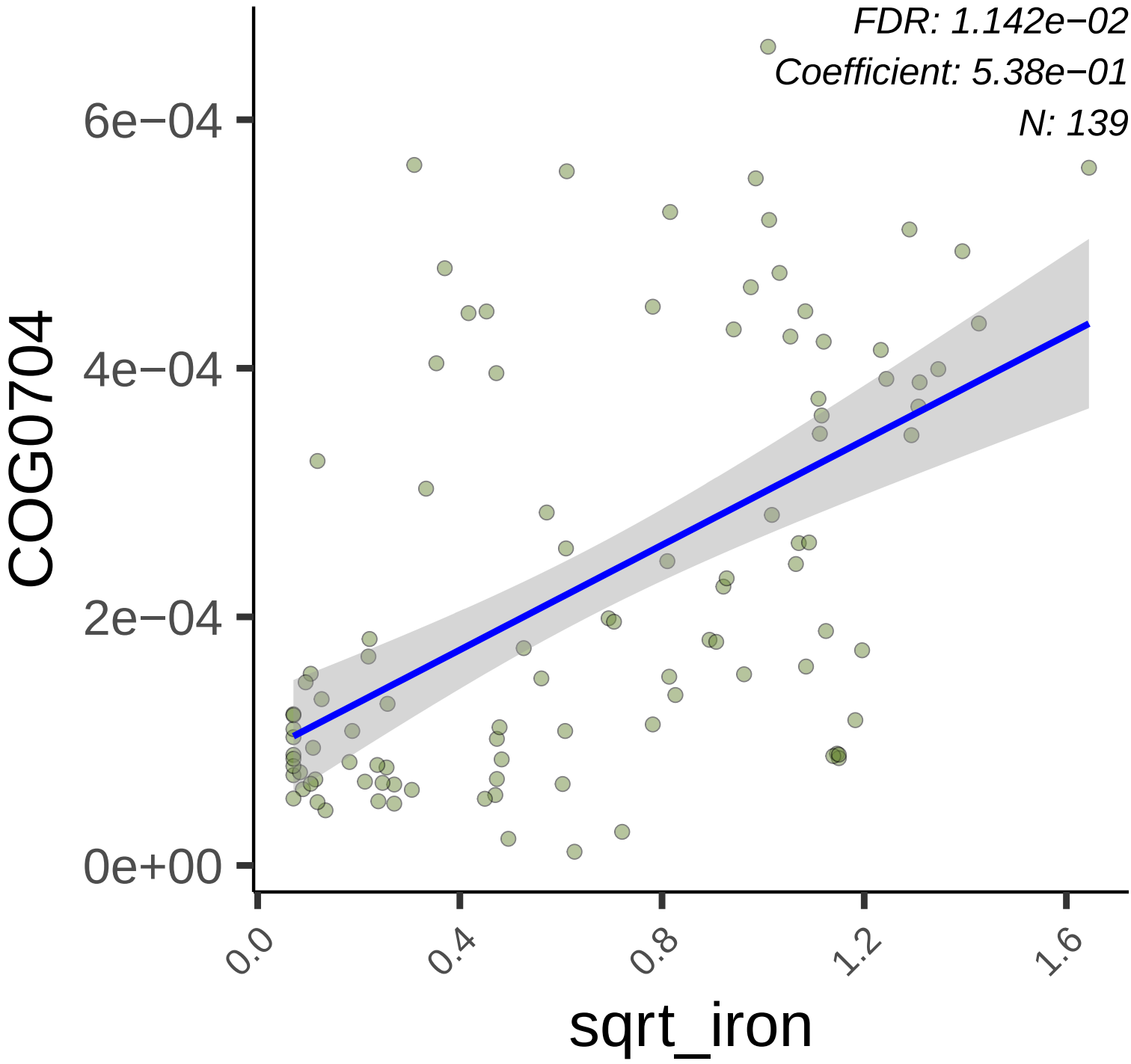
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.142e−02
Coefficient: 5.38e−01
N: 139
COG0704
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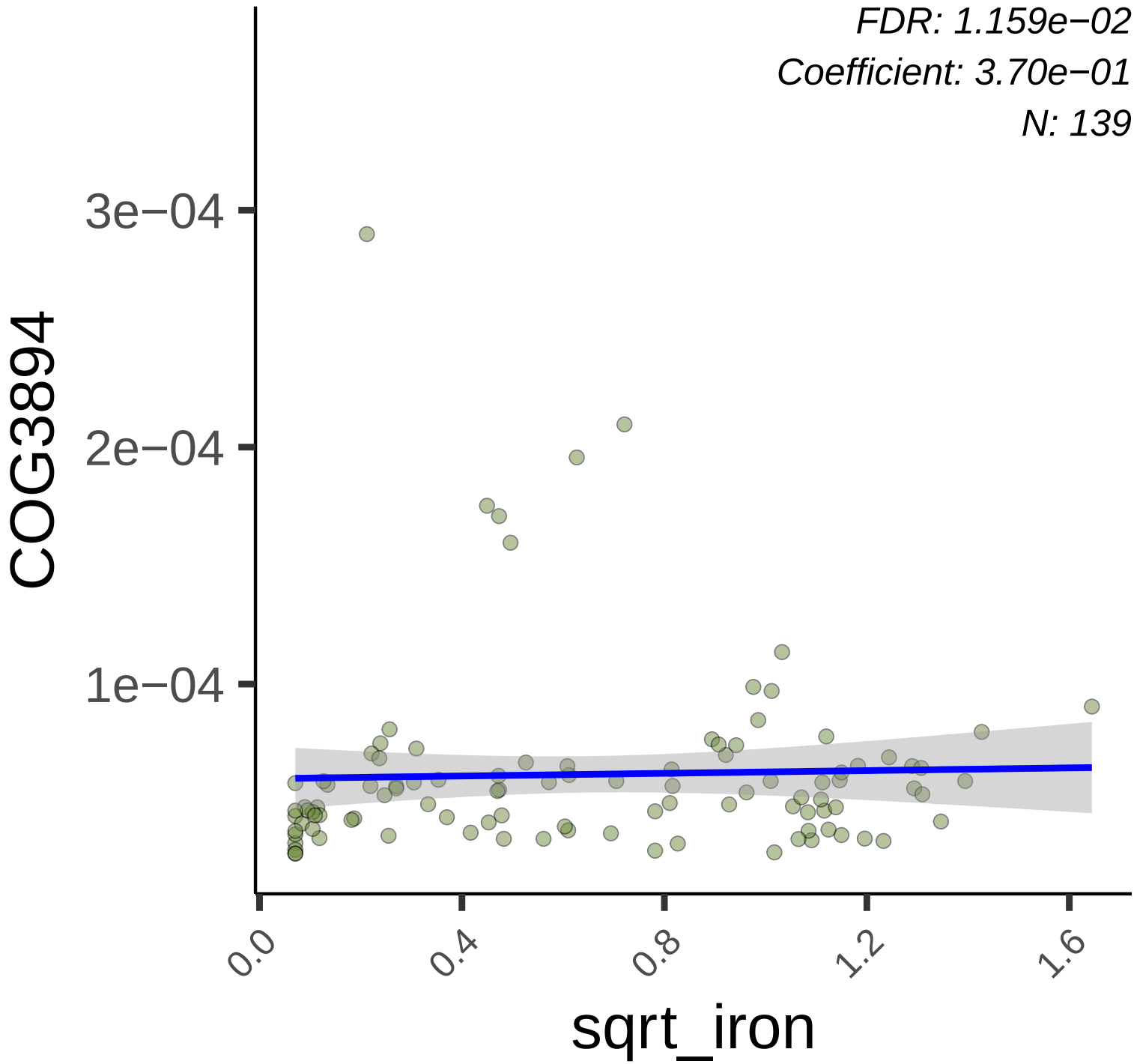
4e−04
2e−04
0e+00
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.159e−02
Coefficient: 3.70e−01
N: 139
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2e−04
1e−04
COG3894
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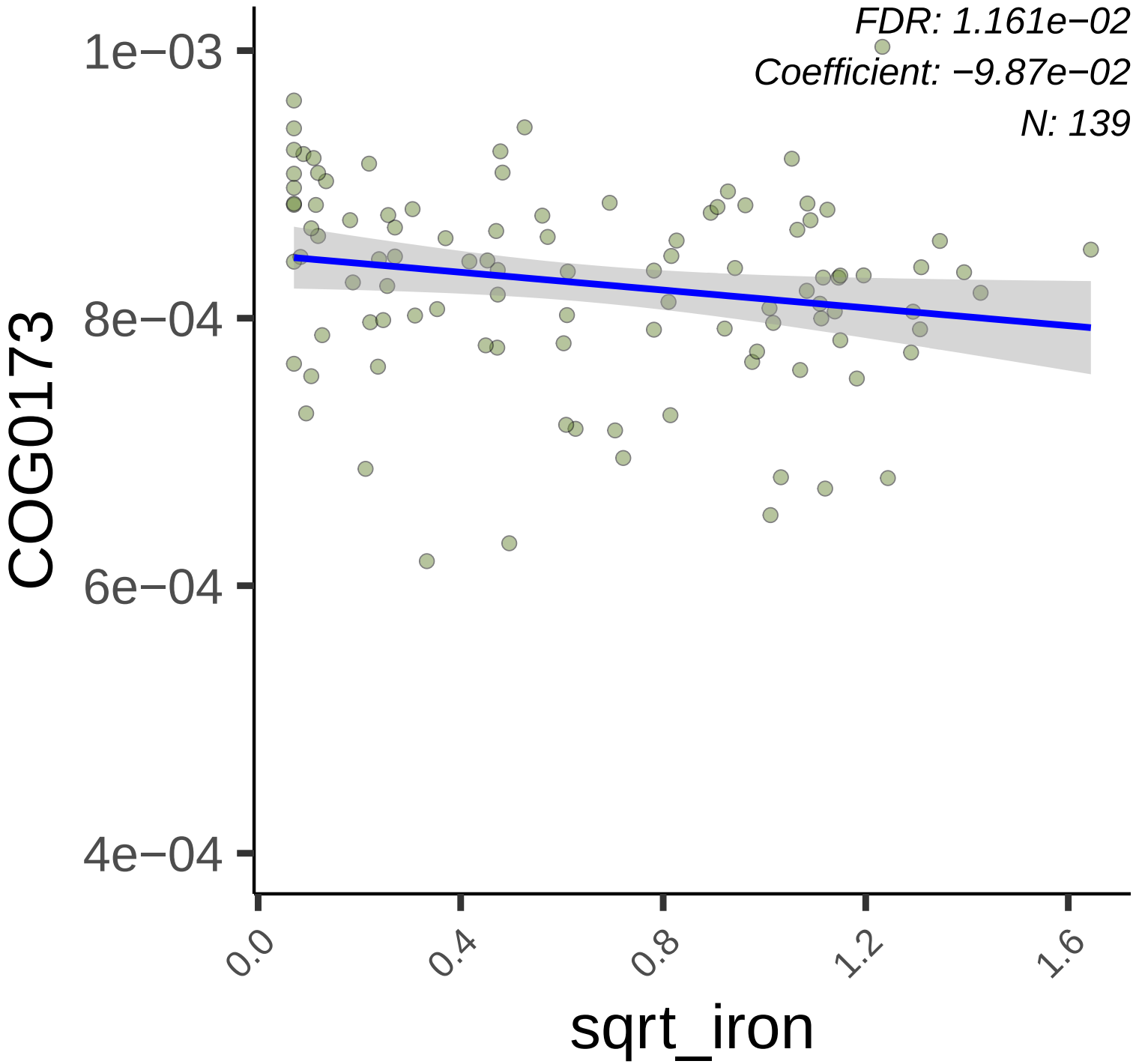
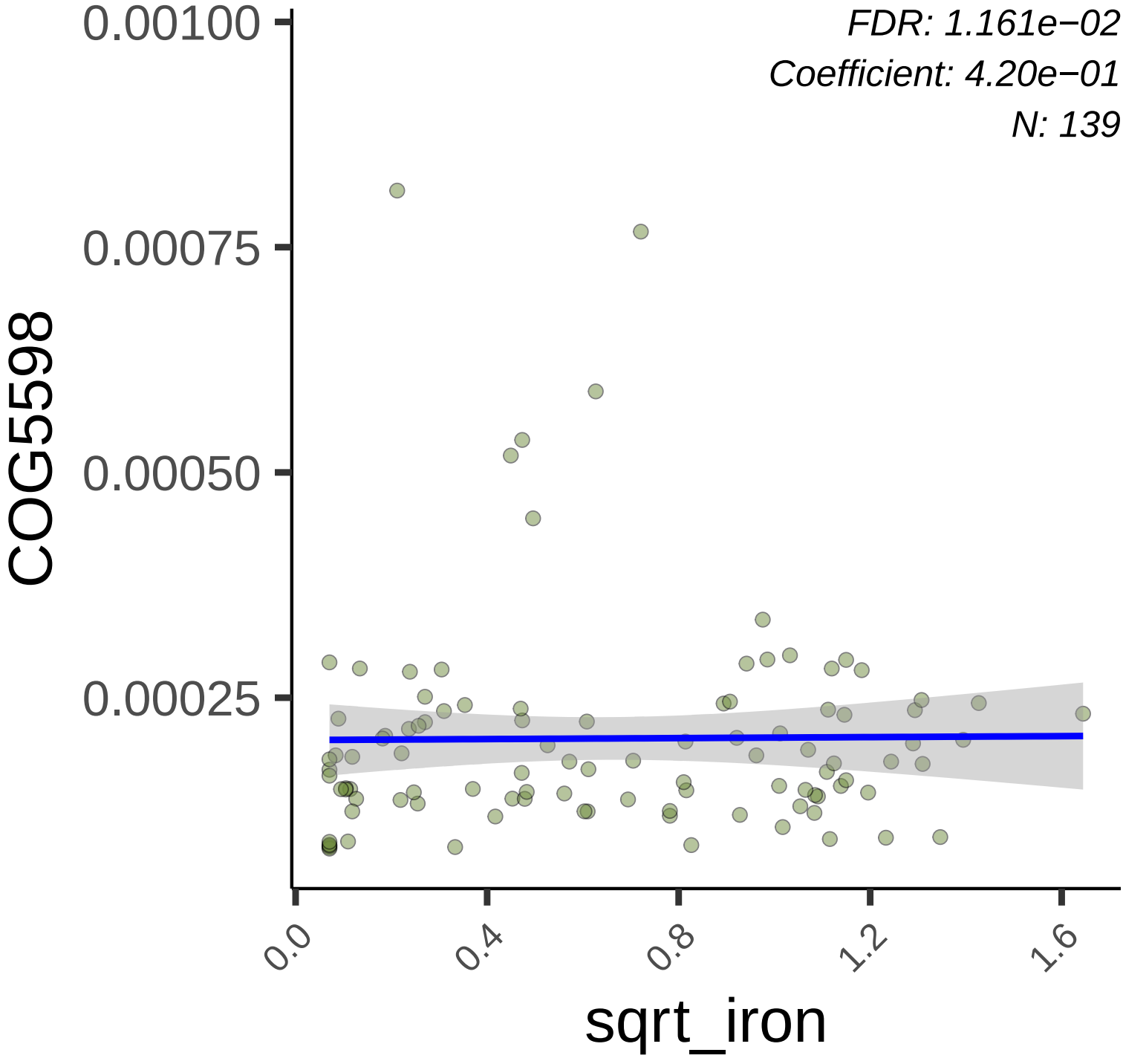
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.161e−02
Coefficient: −9.87e−02
N: 139
1e−03
8e−04
6e−04
4e−04
COG0173
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.161e−02
Coefficient: 4.20e−01
N: 139
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0.00025
COG5598
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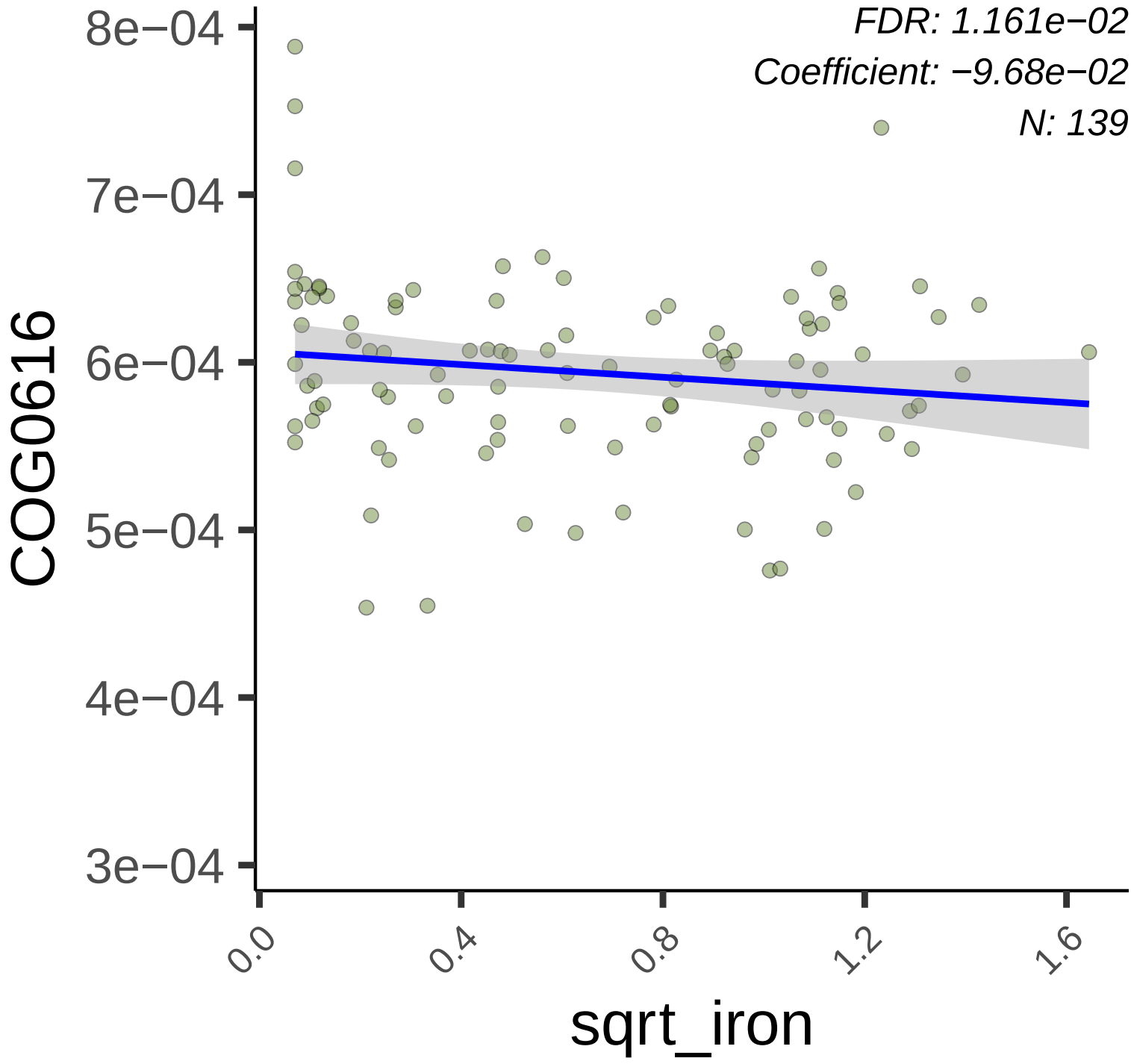
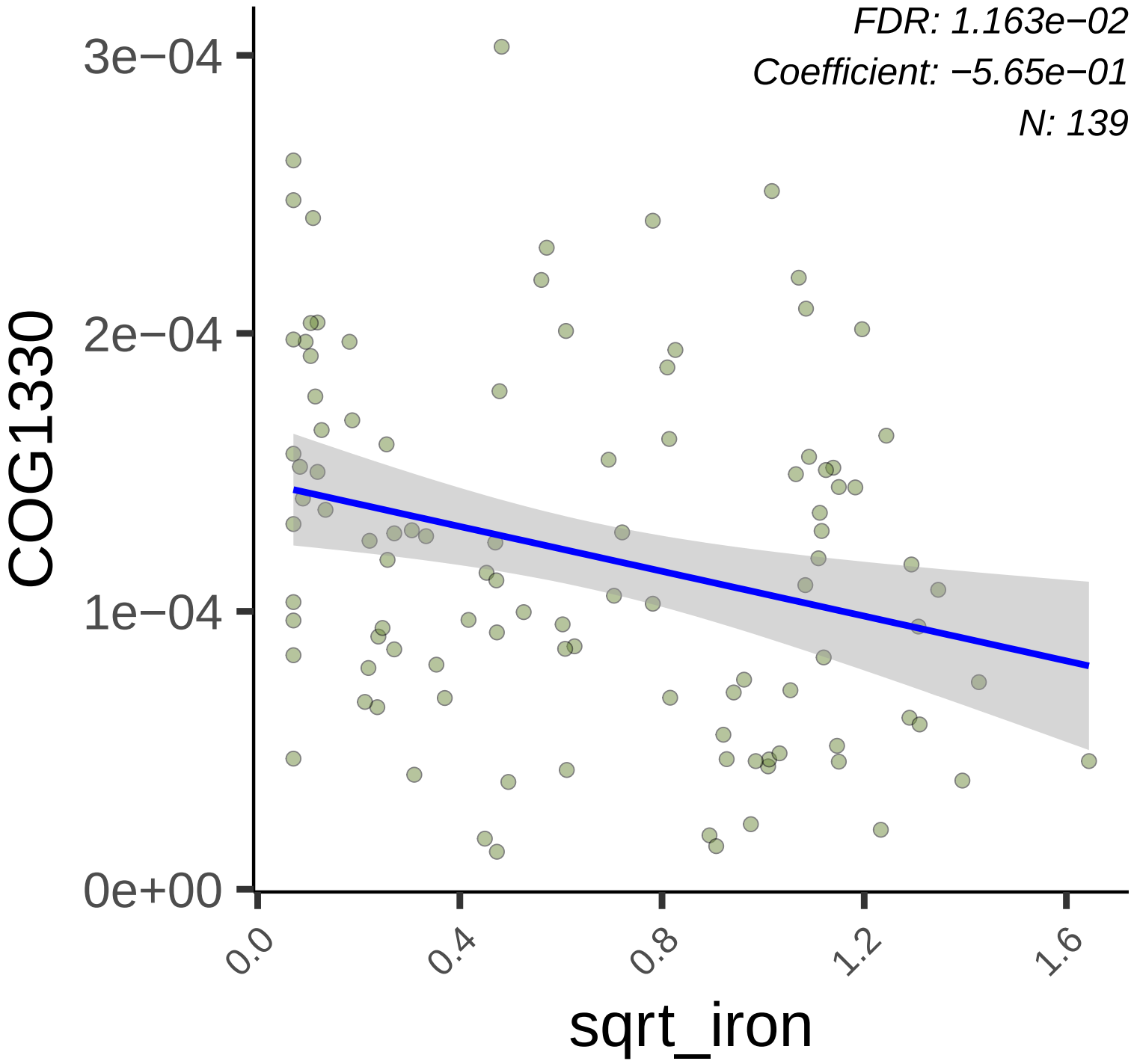
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.161e−02
Coefficient: −9.68e−02
N: 139
8e−04
7e−04
6e−04
5e−04
4e−04
3e−04
COG0616
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.163e−02
Coefficient: −5.65e−01
N: 139
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2e−04
1e−04
0e+00
COG1330
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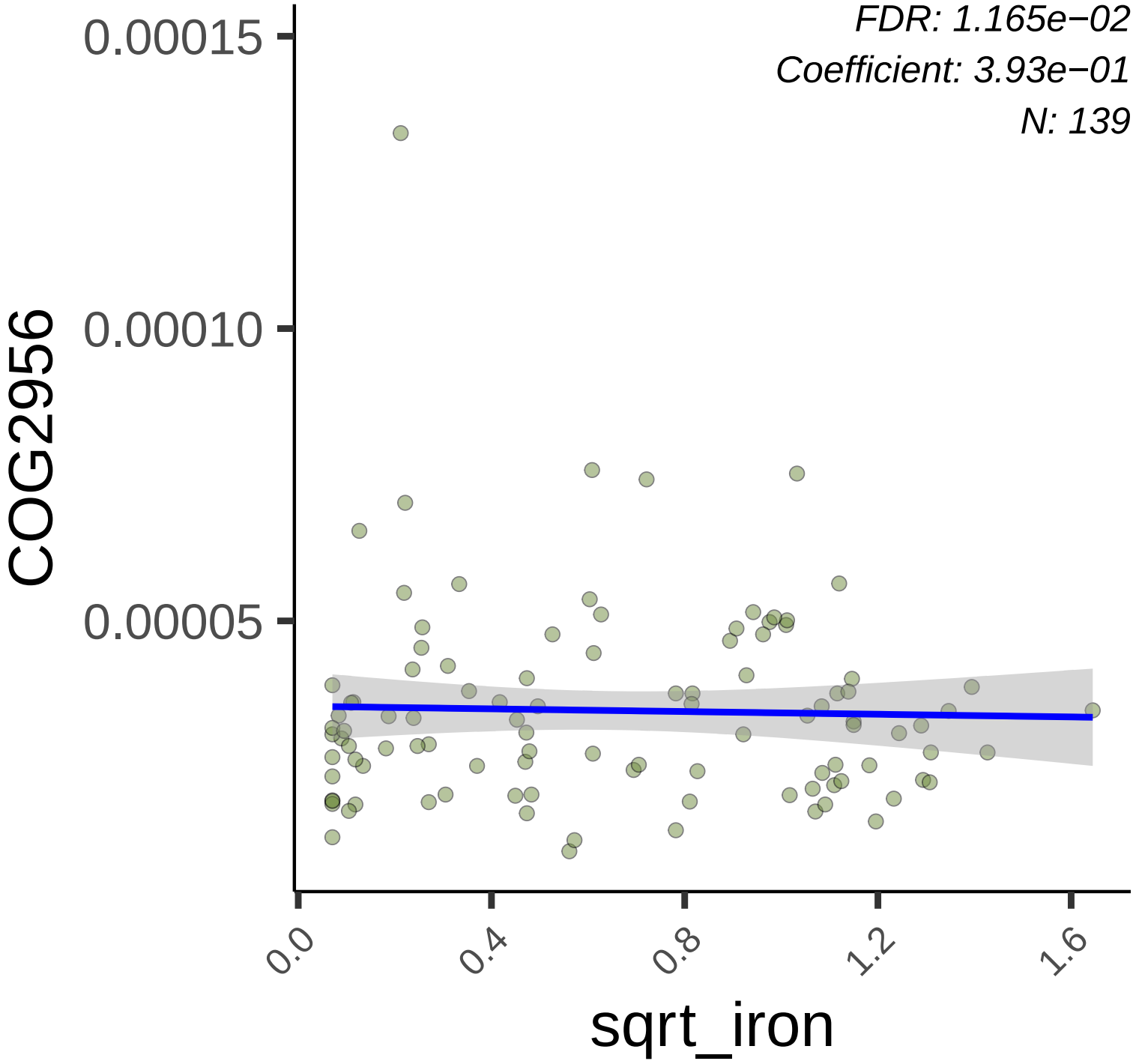
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.165e−02
Coefficient: 3.93e−01
N: 139
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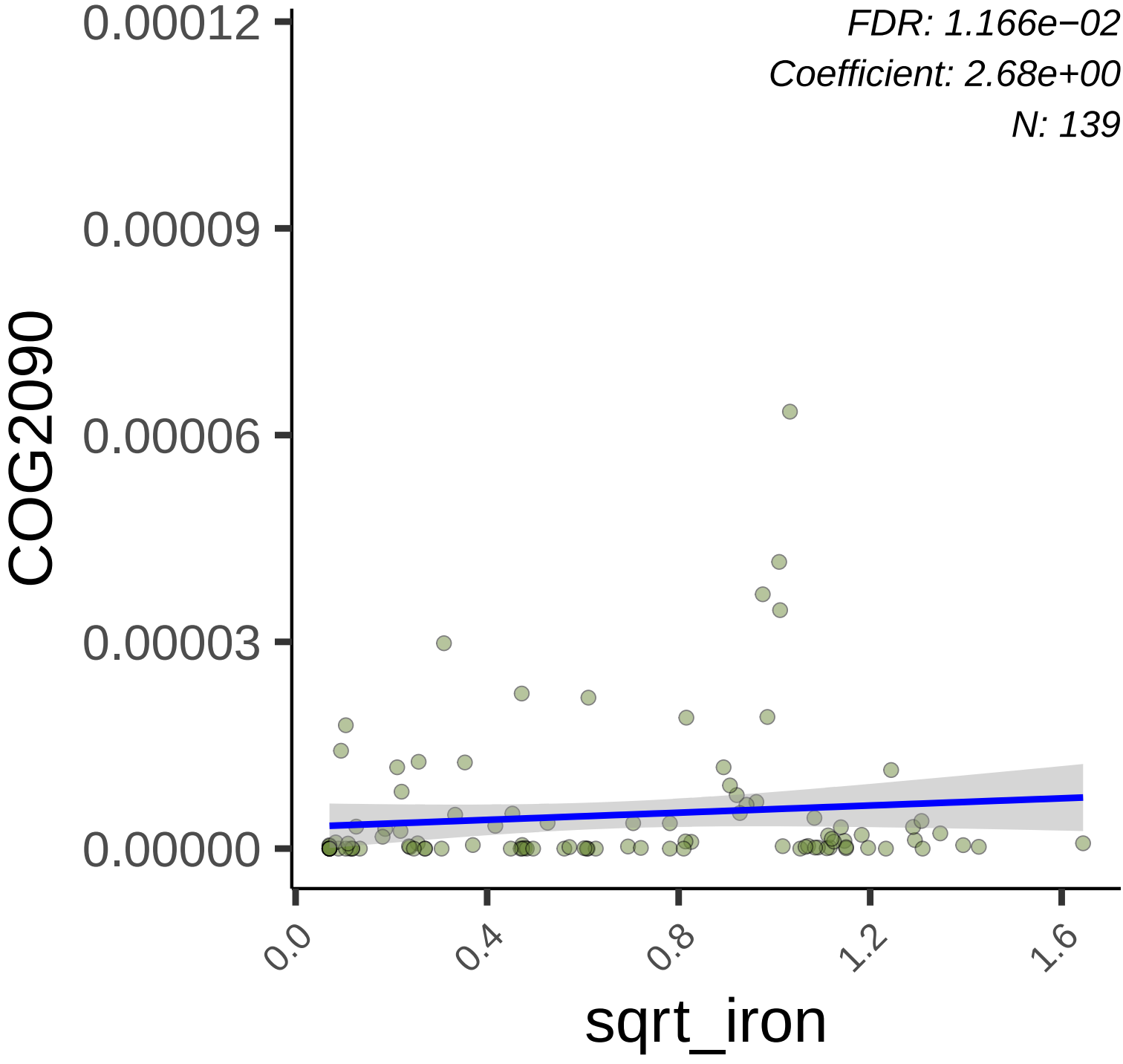
COG2956
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.166e−02
Coefficient: 2.68e+00
N: 139
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0.00003
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COG2090
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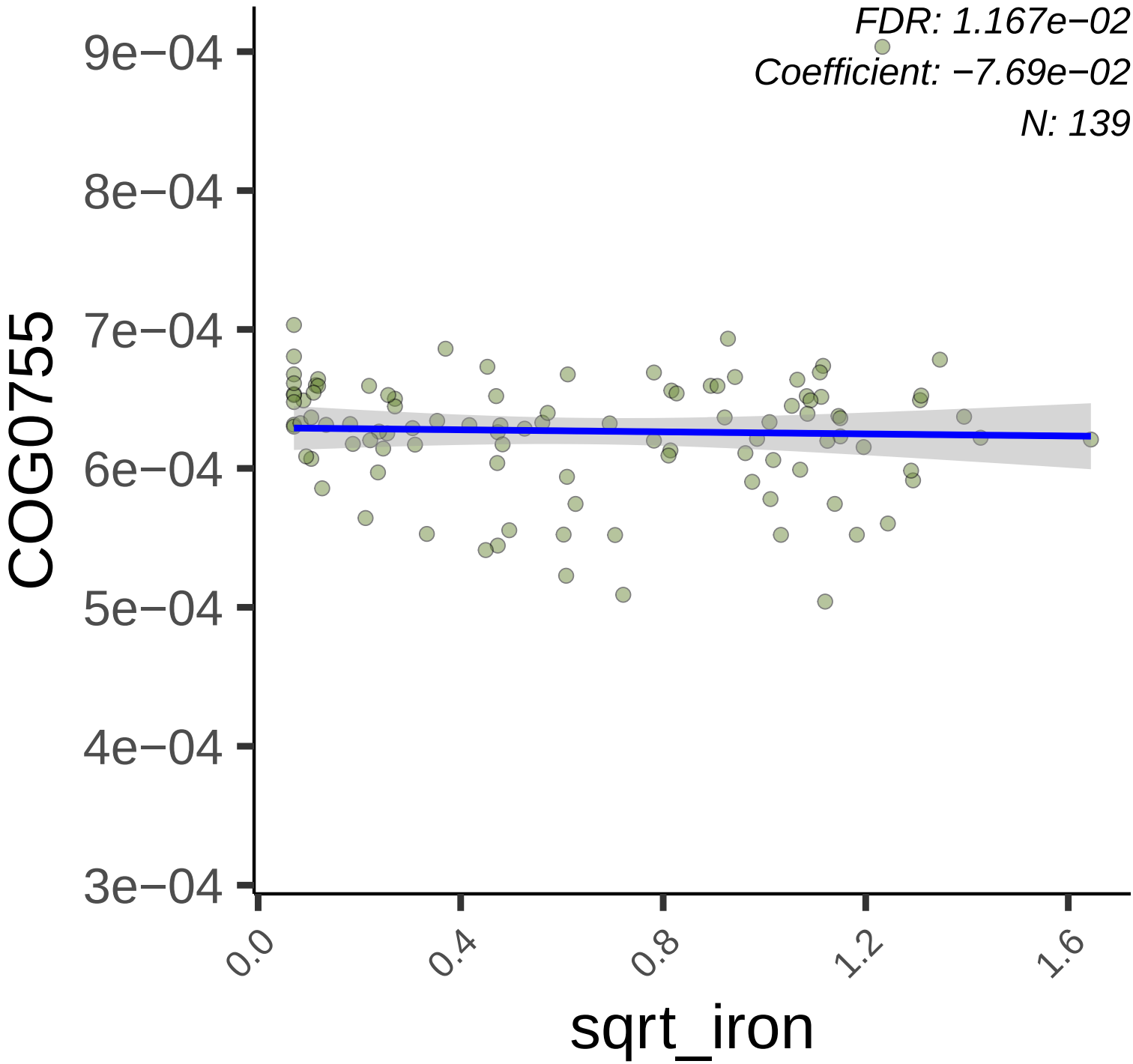
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.167e−02
Coefficient: −7.69e−02
N: 139
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8e−04
7e−04
6e−04
5e−04
4e−04
3e−04
COG0755
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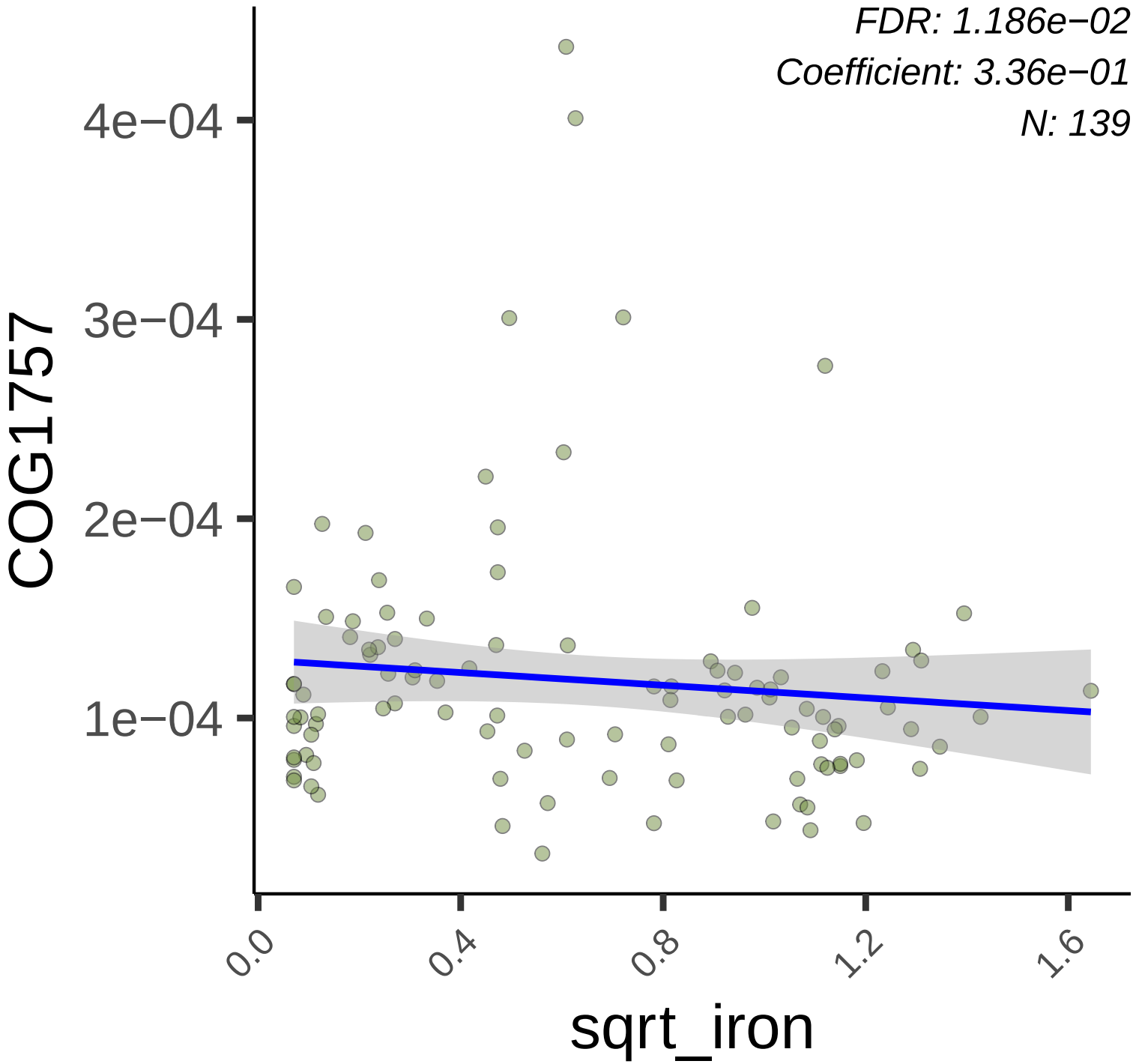
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.186e−02
Coefficient: 3.36e−01
N: 139
COG1757
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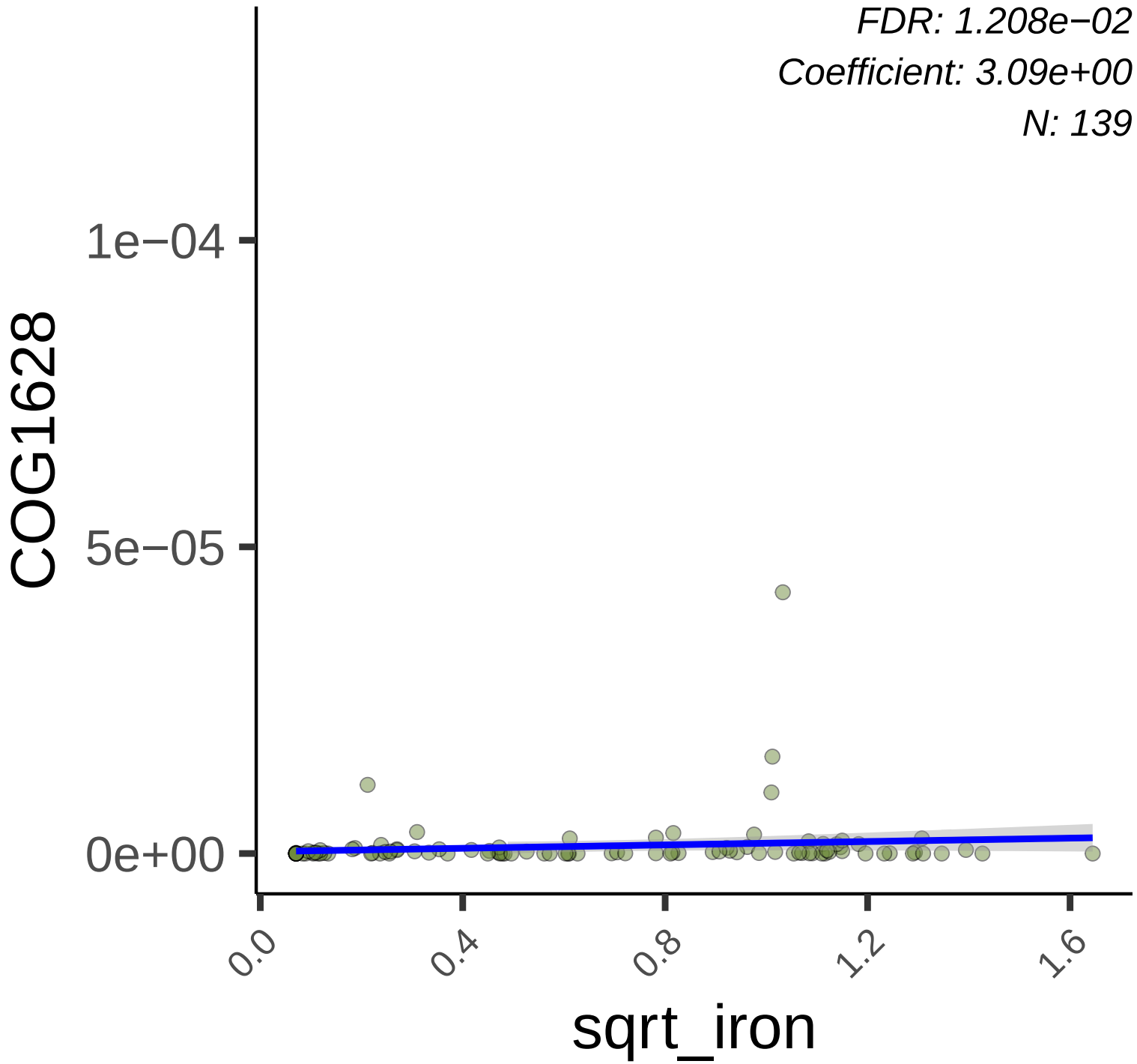
3e−04
2e−04
1e−04
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.208e−02
Coefficient: 3.09e+00
N: 139
COG1628
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5e−05
0e+00
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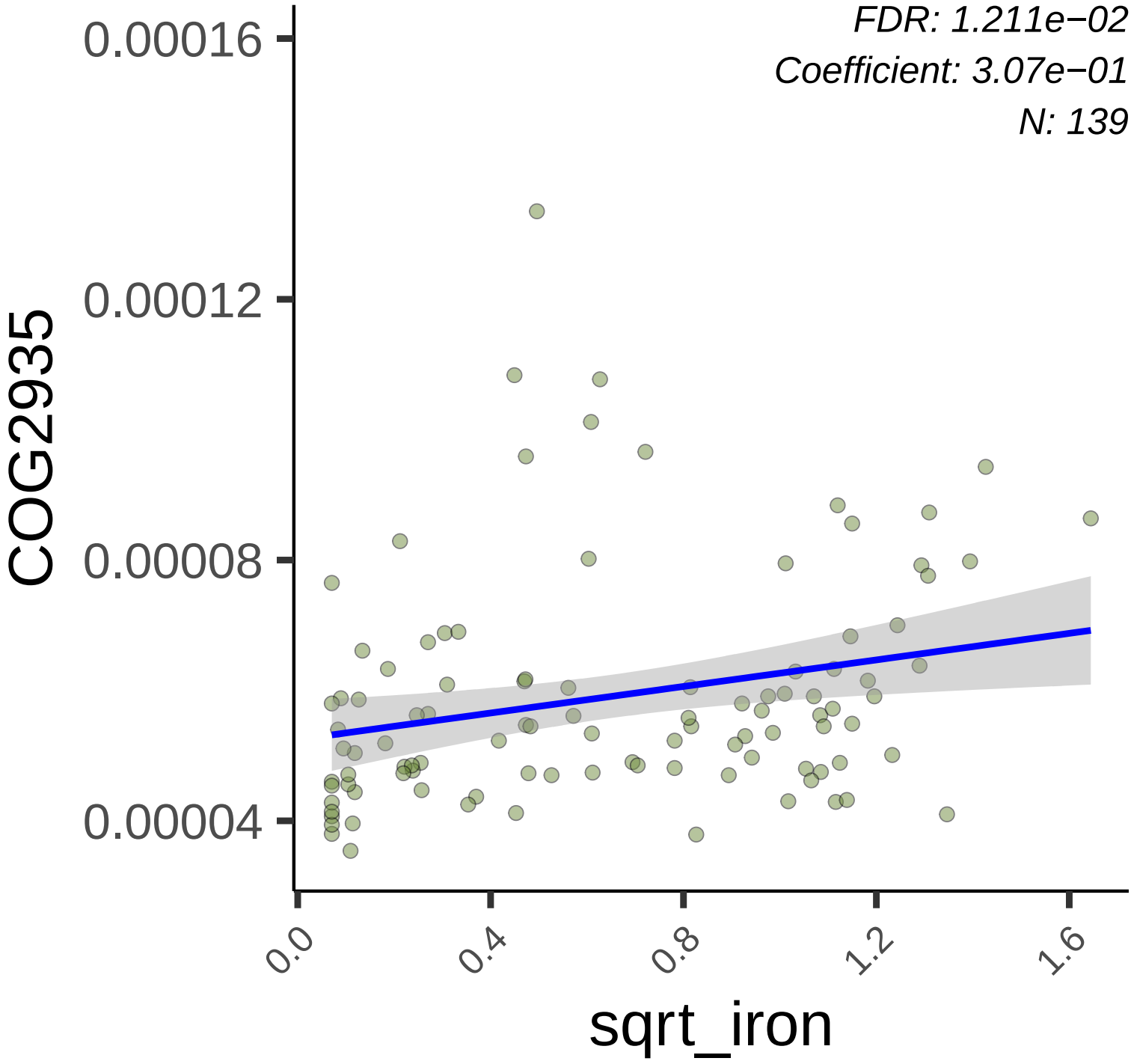
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.211e−02
Coefficient: 3.07e−01
N: 139
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0.00012
0.00008
0.00004
COG2935
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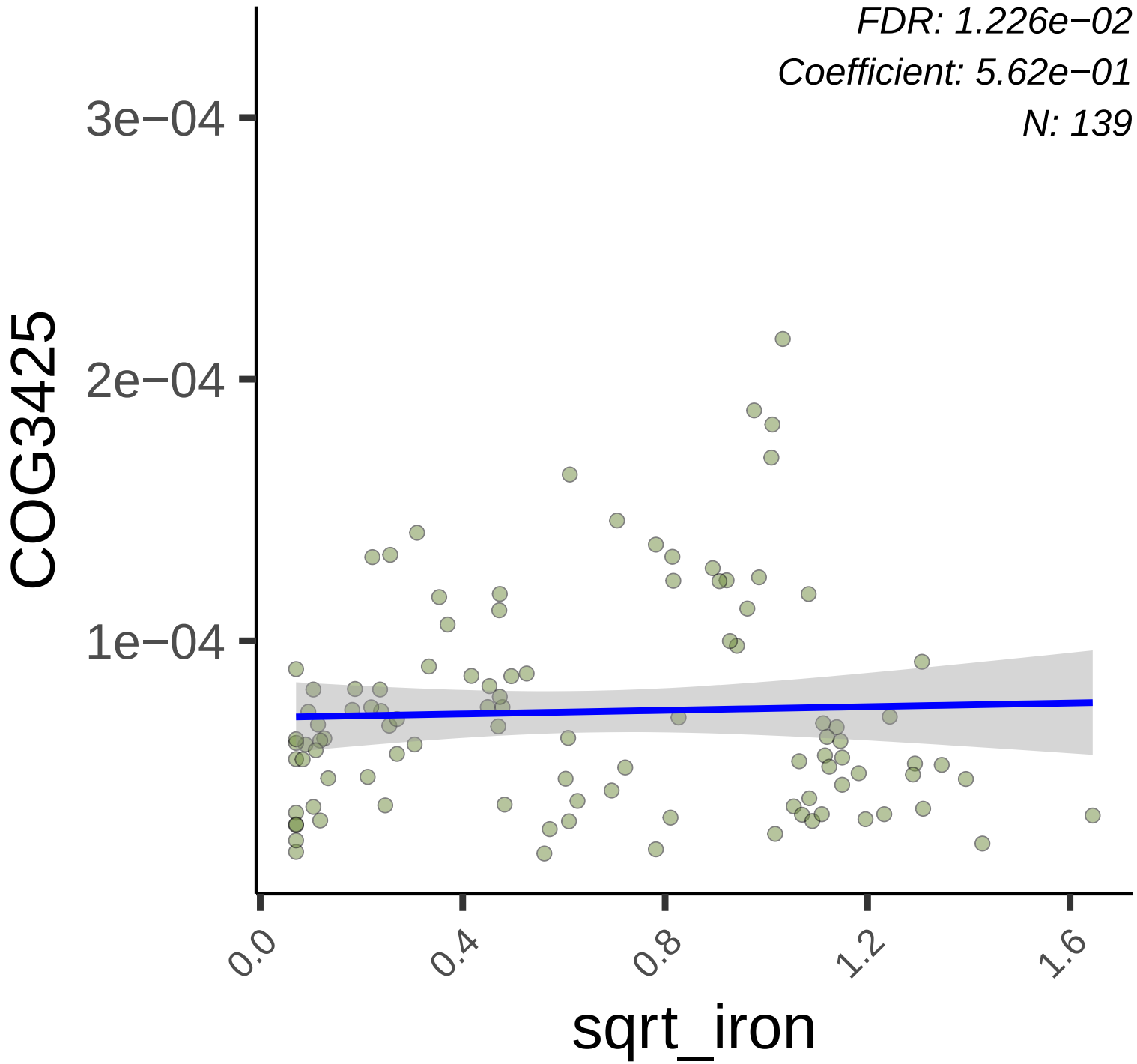
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.226e−02
Coefficient: 5.62e−01
N: 139
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2e−04
1e−04
COG3425
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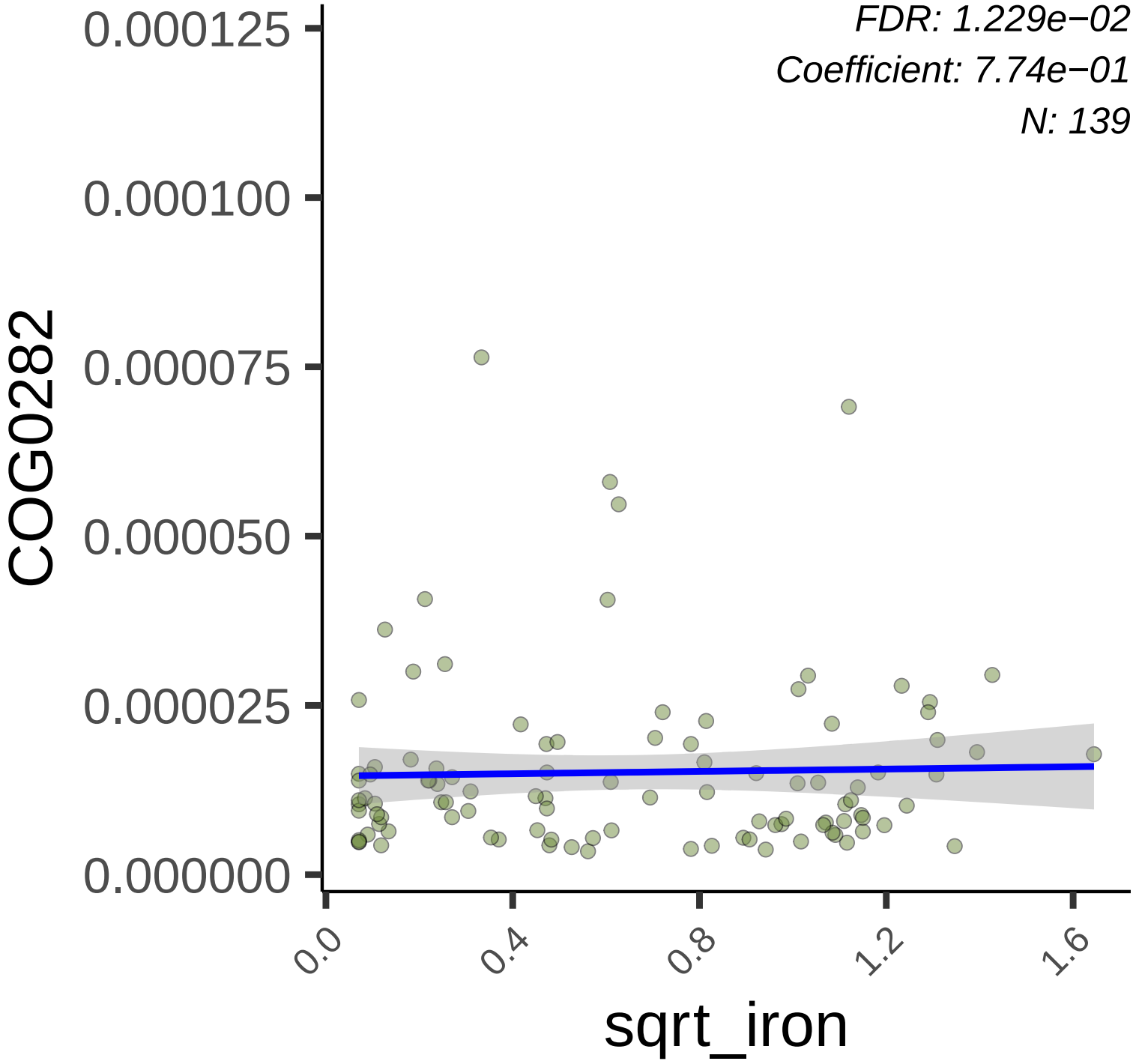
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.229e−02
Coefficient: 7.74e−01
N: 139
COG0282
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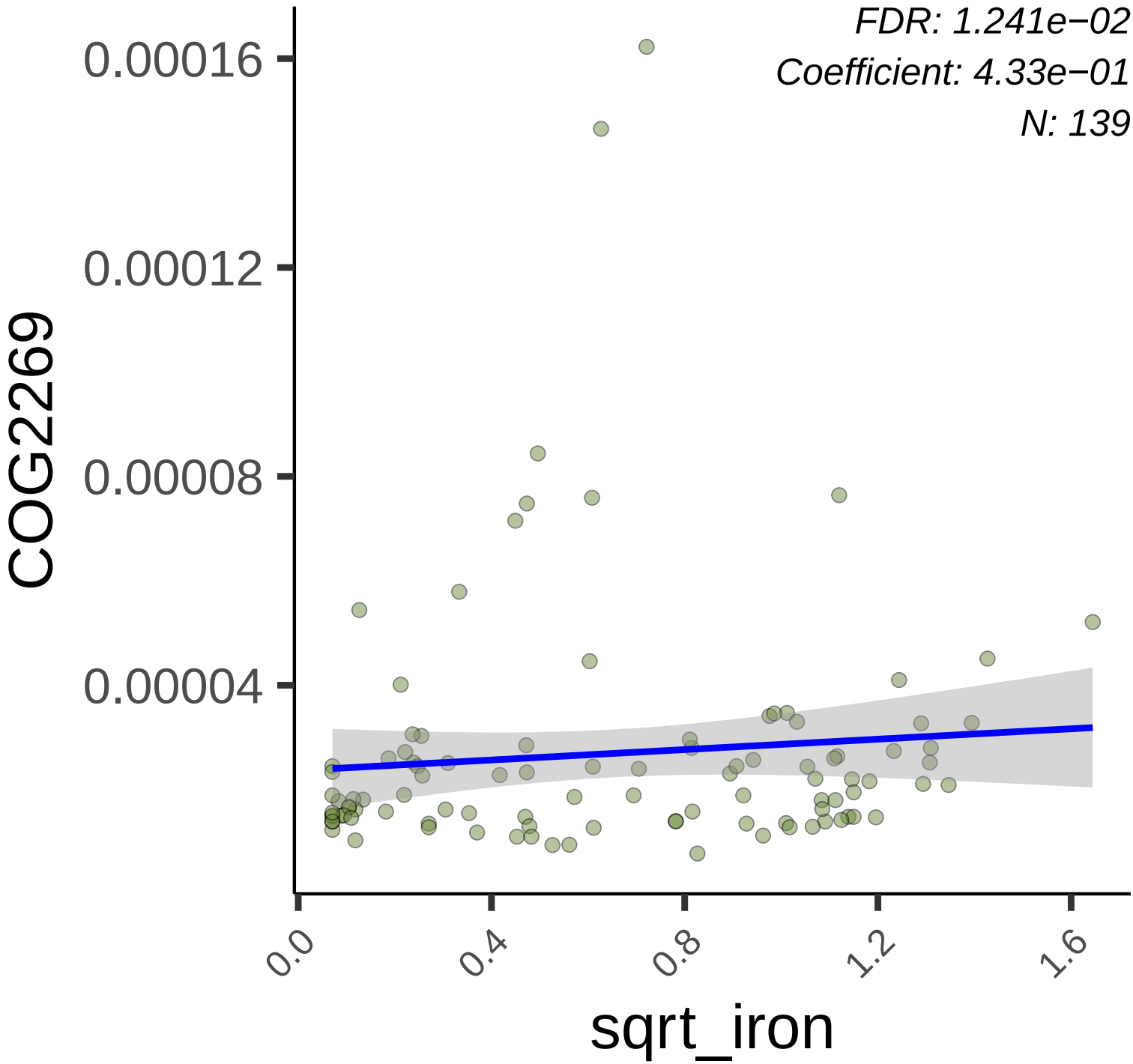
0.000050
0.000025
0.000000
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.241e−02
Coefficient: 4.33e−01
N: 139
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0.00004
COG2269
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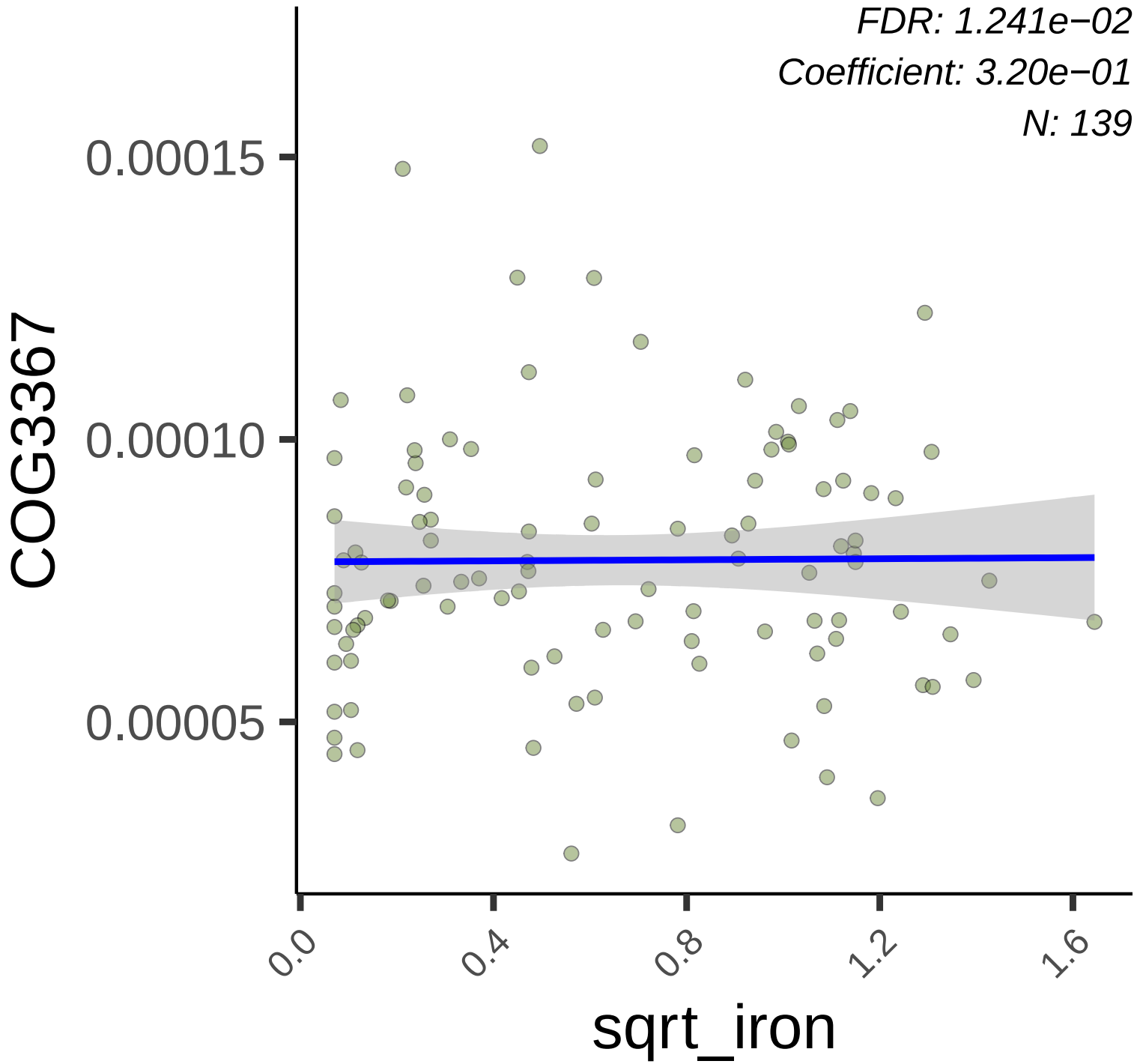
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.241e−02
Coefficient: 3.20e−01
N: 139
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COG3367
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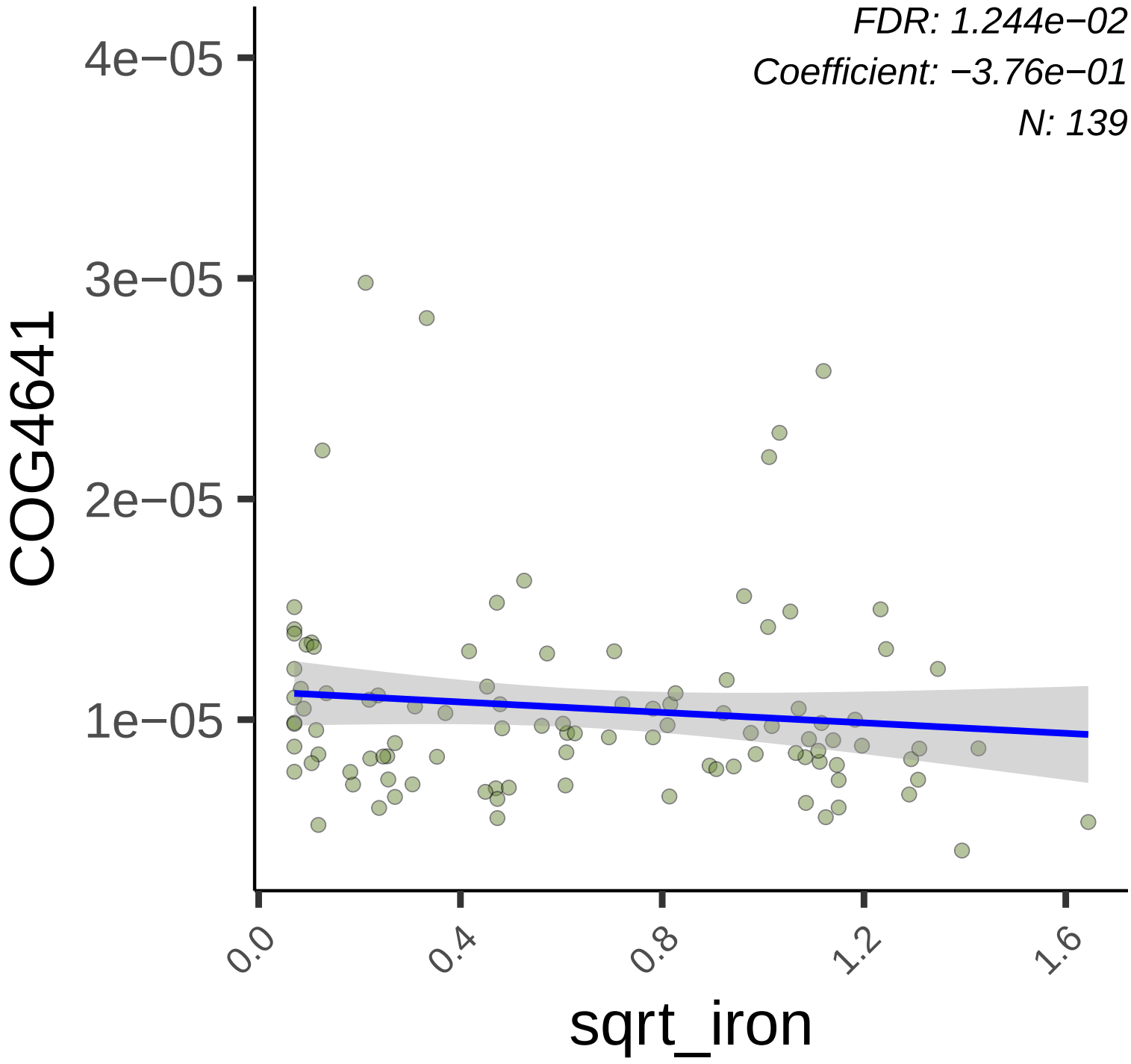
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.244e−02
Coefficient: −3.76e−01
N: 139
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2e−05
1e−05
COG4641
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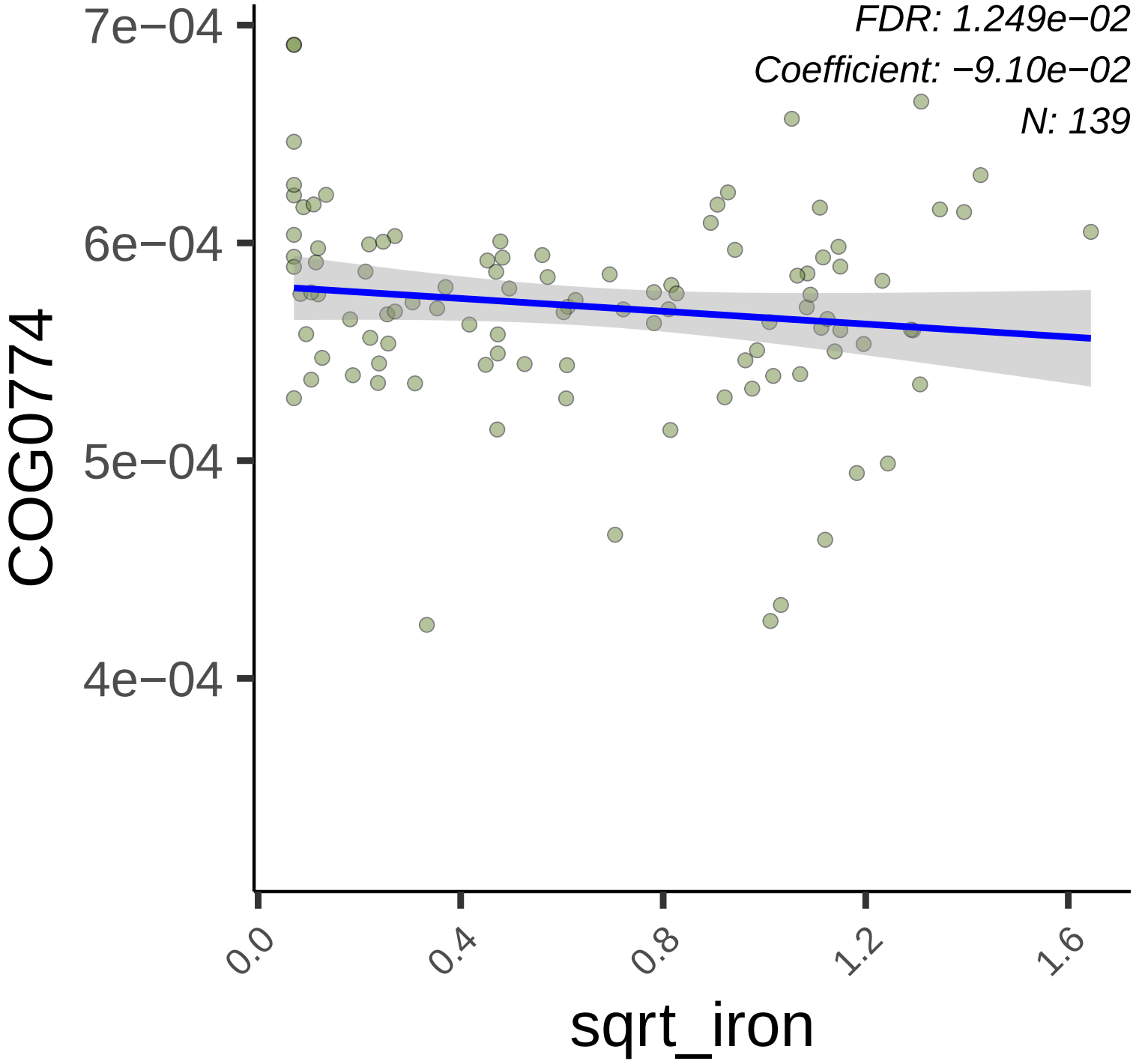
0.8
1.2
1.6
sqrt_iron


FDR: 1.249e−02
Coefficient: −9.10e−02
N: 139
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5e−04
4e−04
COG0774
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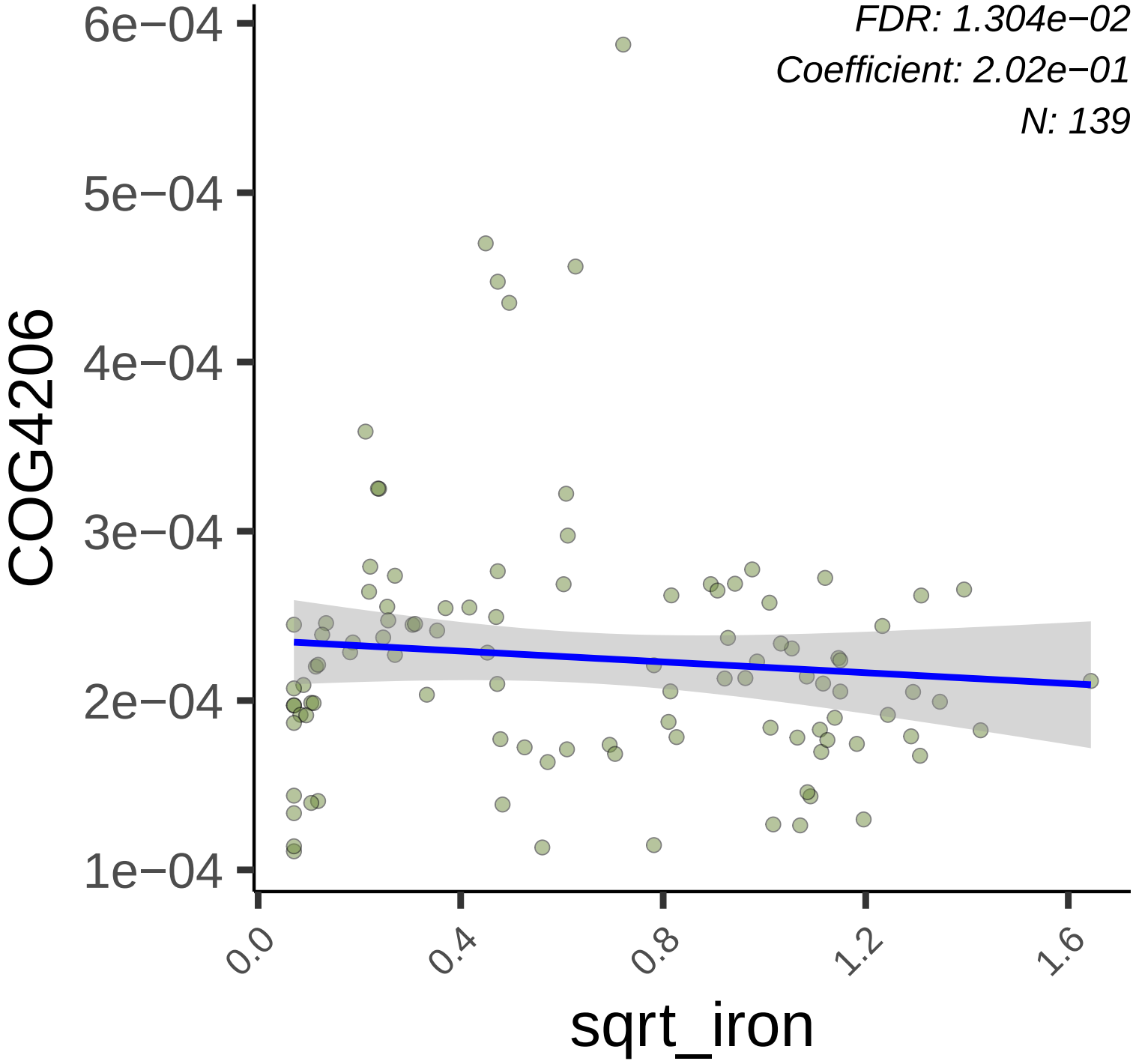
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.304e−02
Coefficient: 2.02e−01
N: 139
COG4206
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5e−04
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3e−04
2e−04
1e−04
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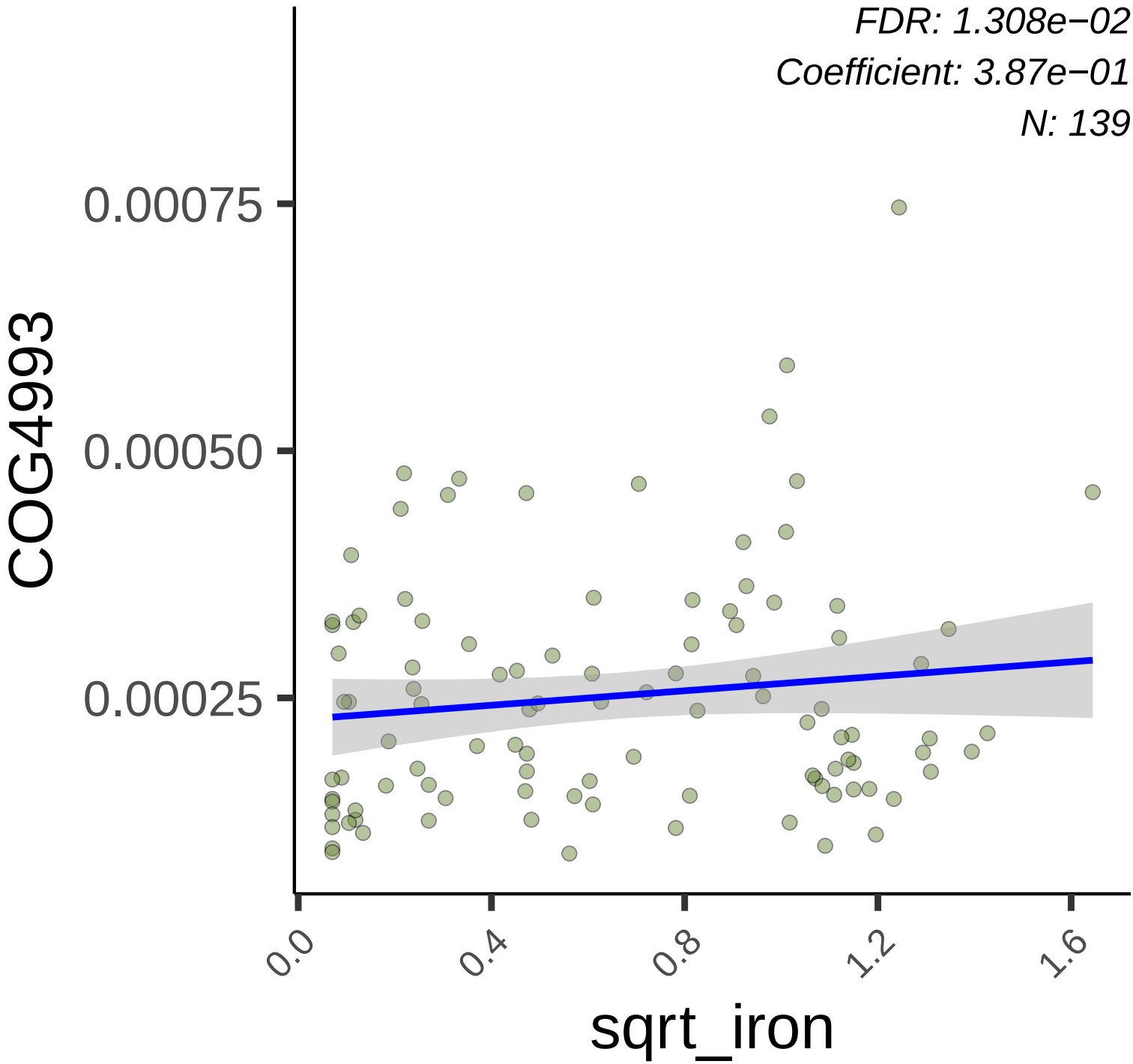
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.308e−02
Coefficient: 3.87e−01
N: 139
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COG4993
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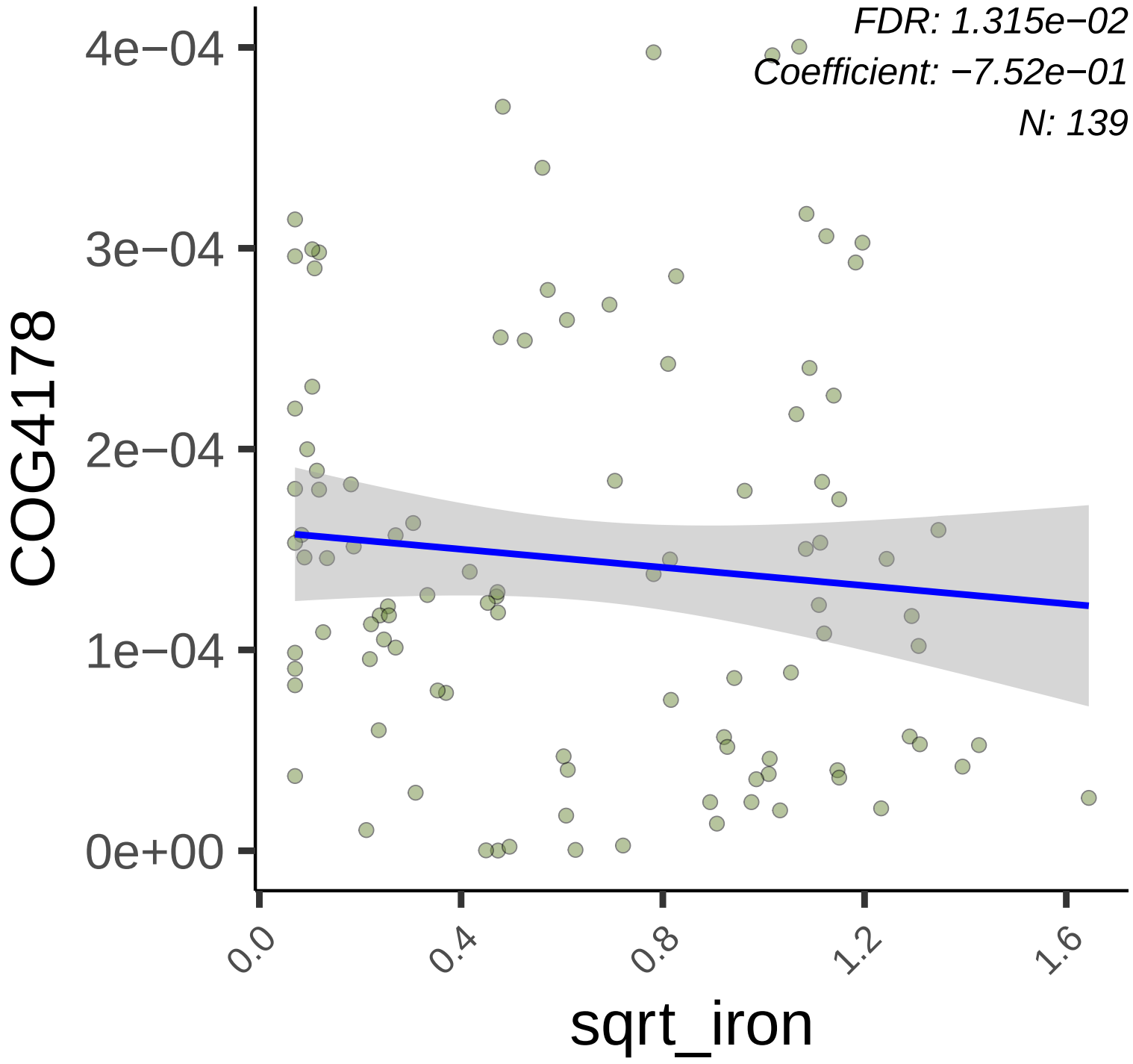
1.2
1.6
sqrt_iron


FDR: 1.315e−02
Coefficient: −7.52e−01
N: 139
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3e−04
2e−04
1e−04
0e+00
COG4178
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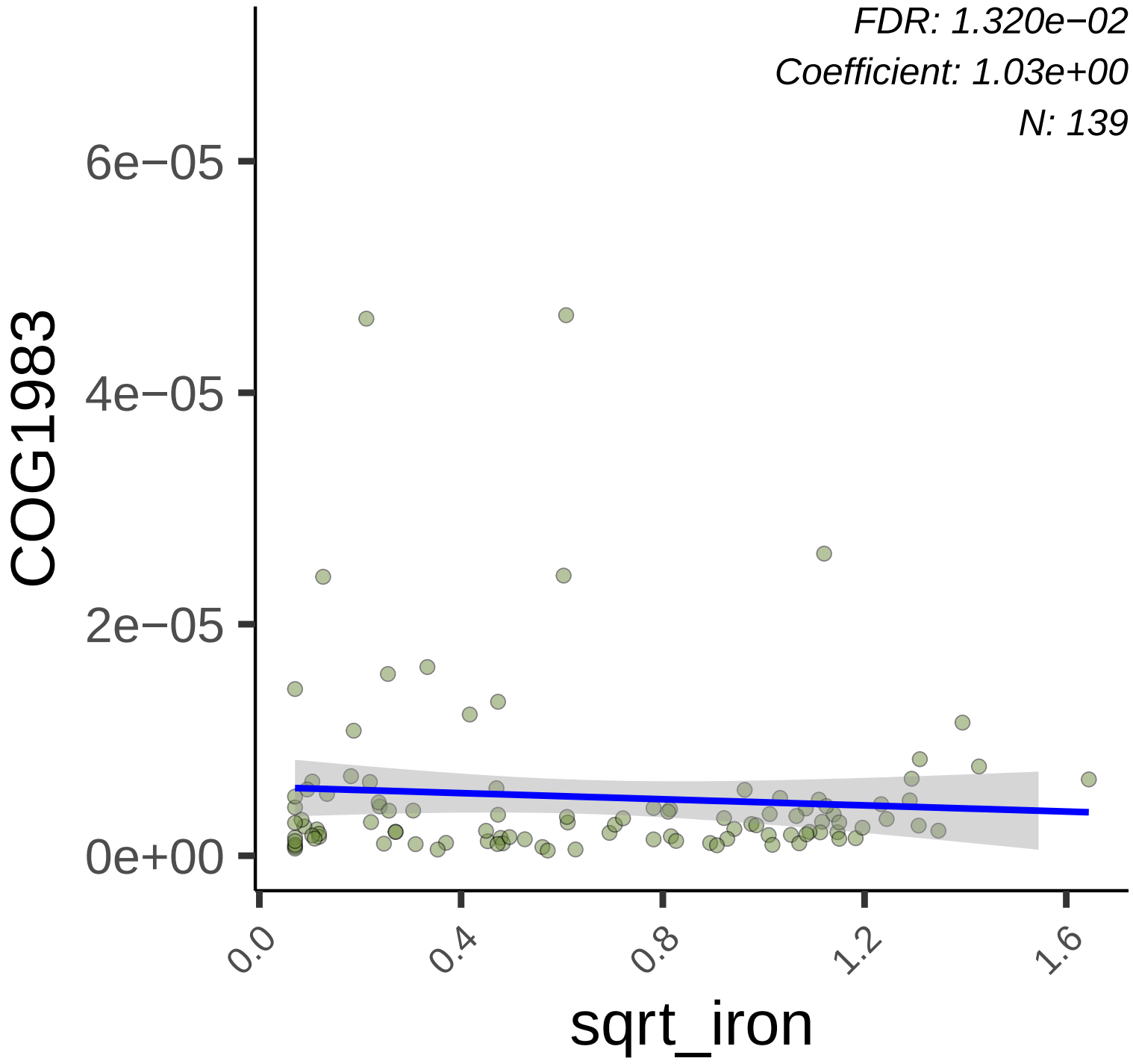
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.320e−02
Coefficient: 1.03e+00
N: 139
COG1983
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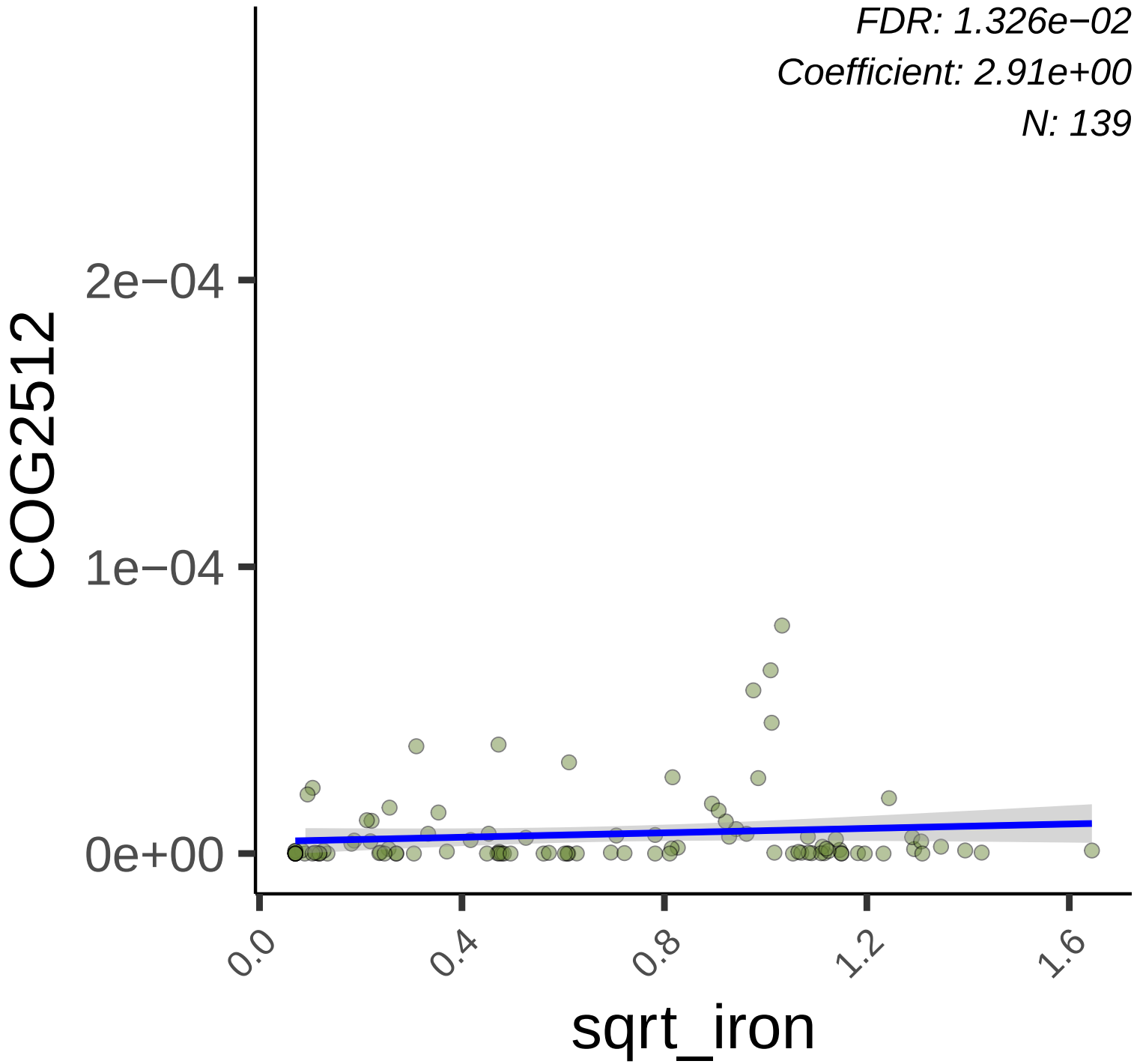
4e−05
2e−05
0e+00
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.326e−02
Coefficient: 2.91e+00
N: 139
COG2512
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0e+00
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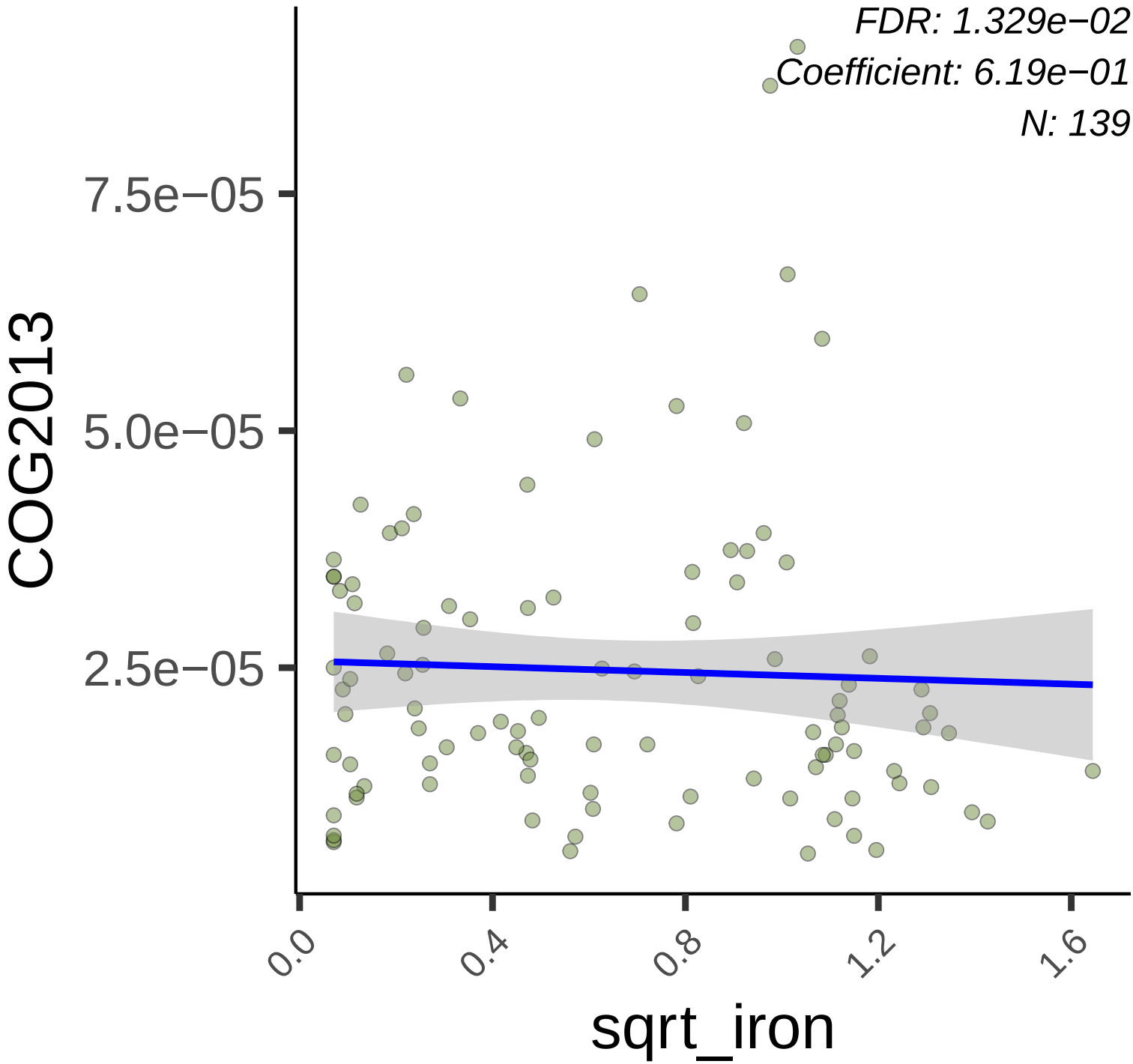
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.329e−02
Coefficient: 6.19e−01
N: 139
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2.5e−05
COG2013
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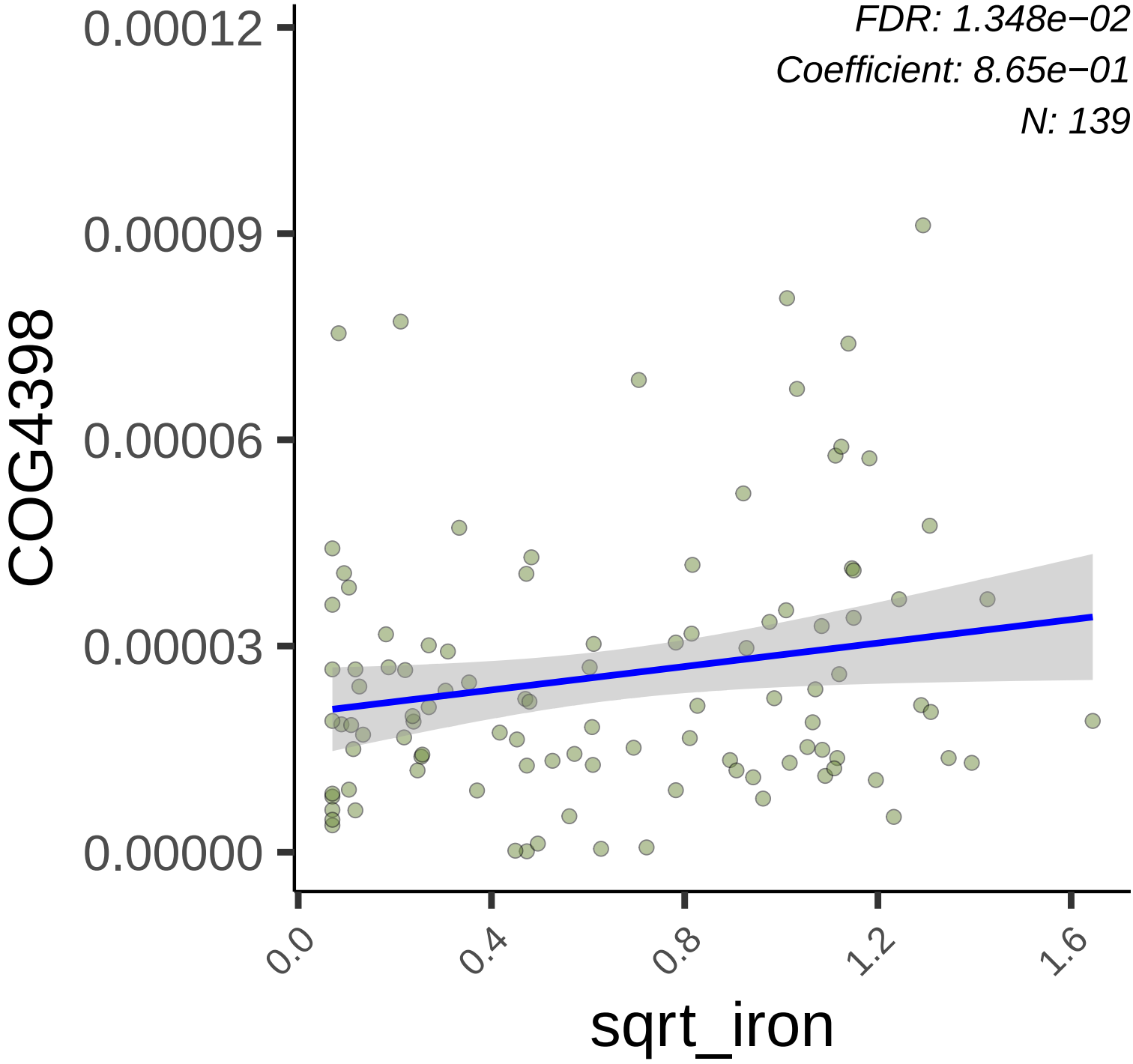
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.348e−02
Coefficient: 8.65e−01
N: 139
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0.00003
0.00000
COG4398
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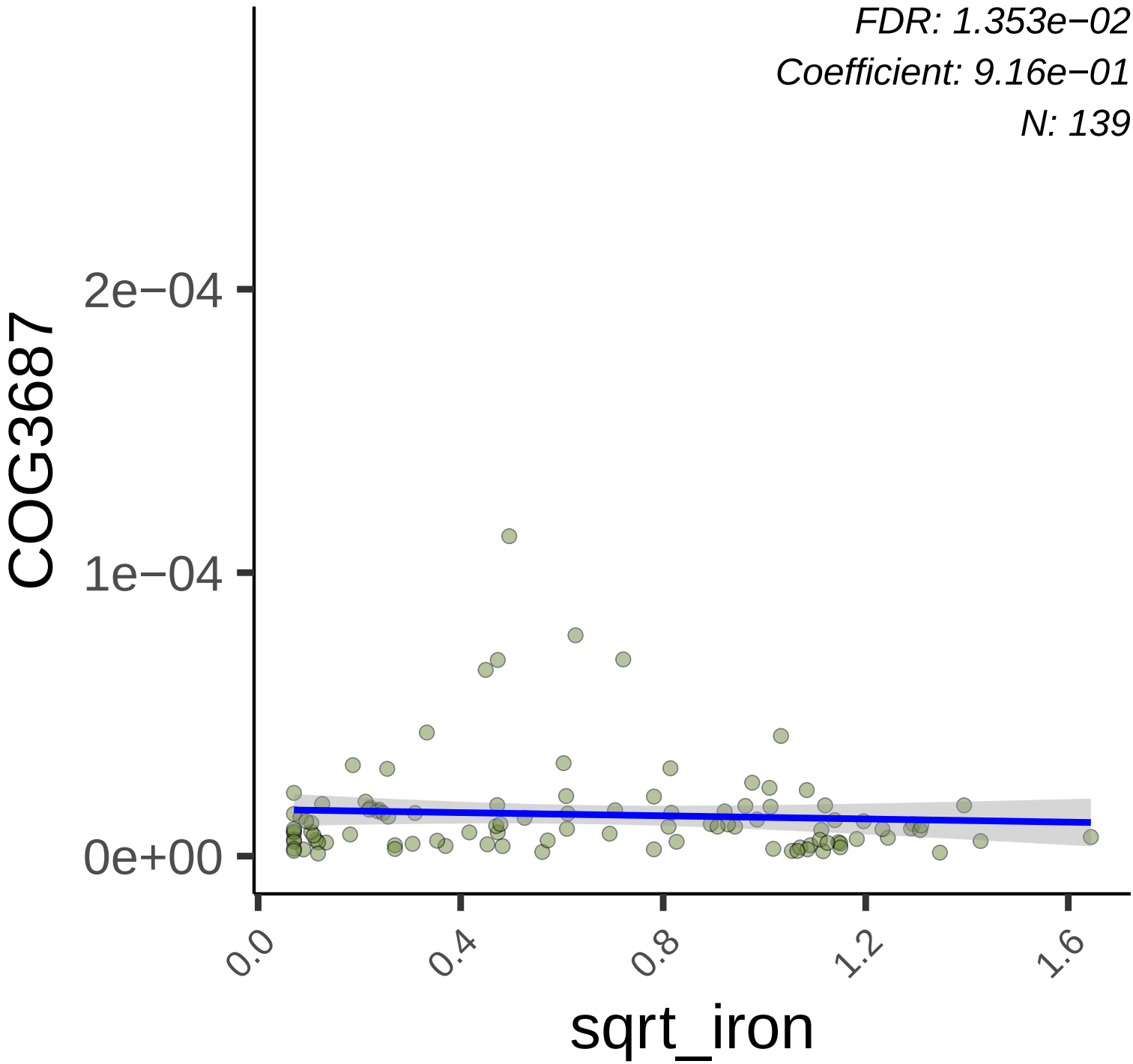
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.353e−02
Coefficient: 9.16e−01
N: 139
COG3687
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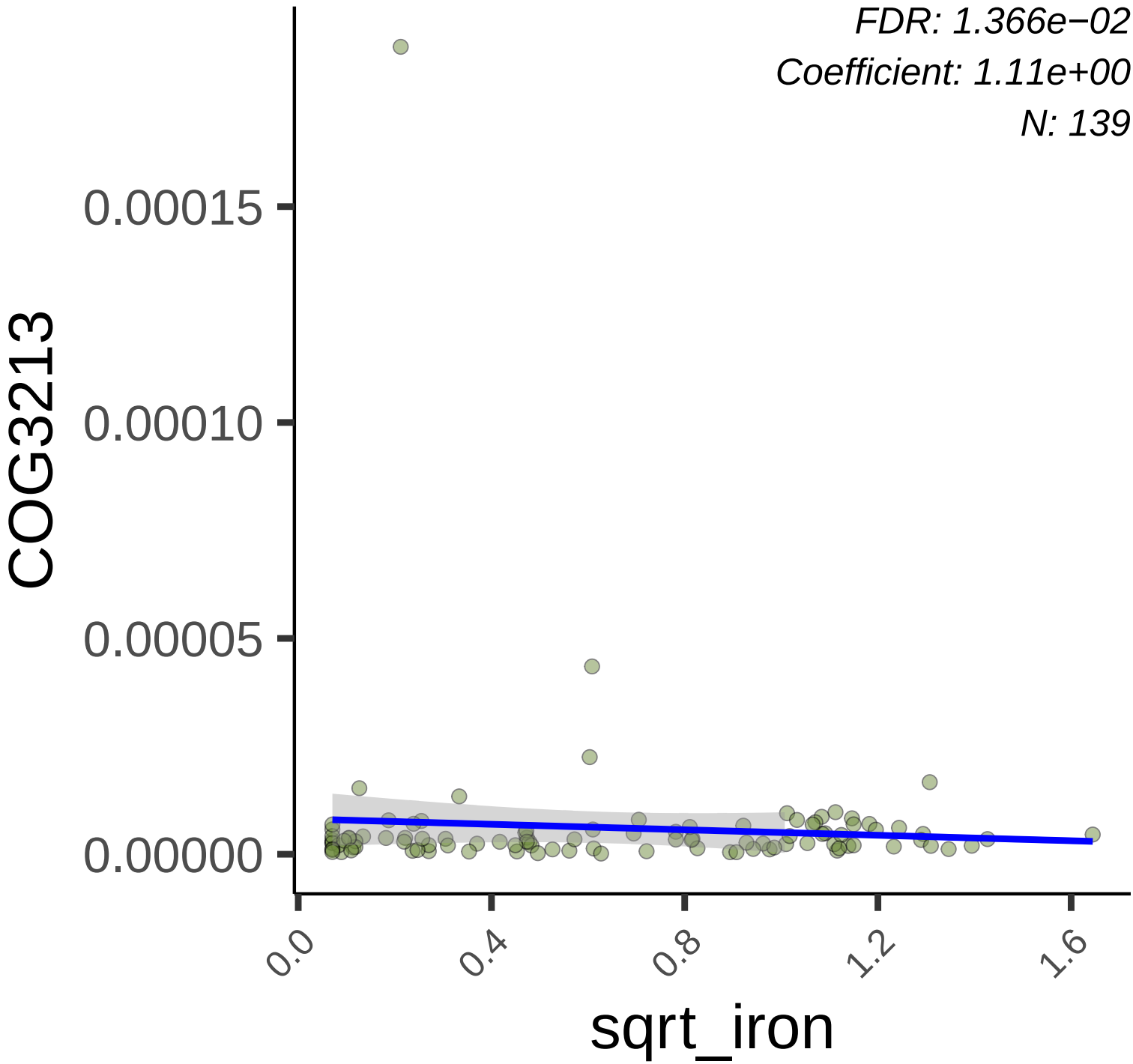
1e−04
0e+00
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.366e−02
Coefficient: 1.11e+00
N: 139
COG3213
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0.4
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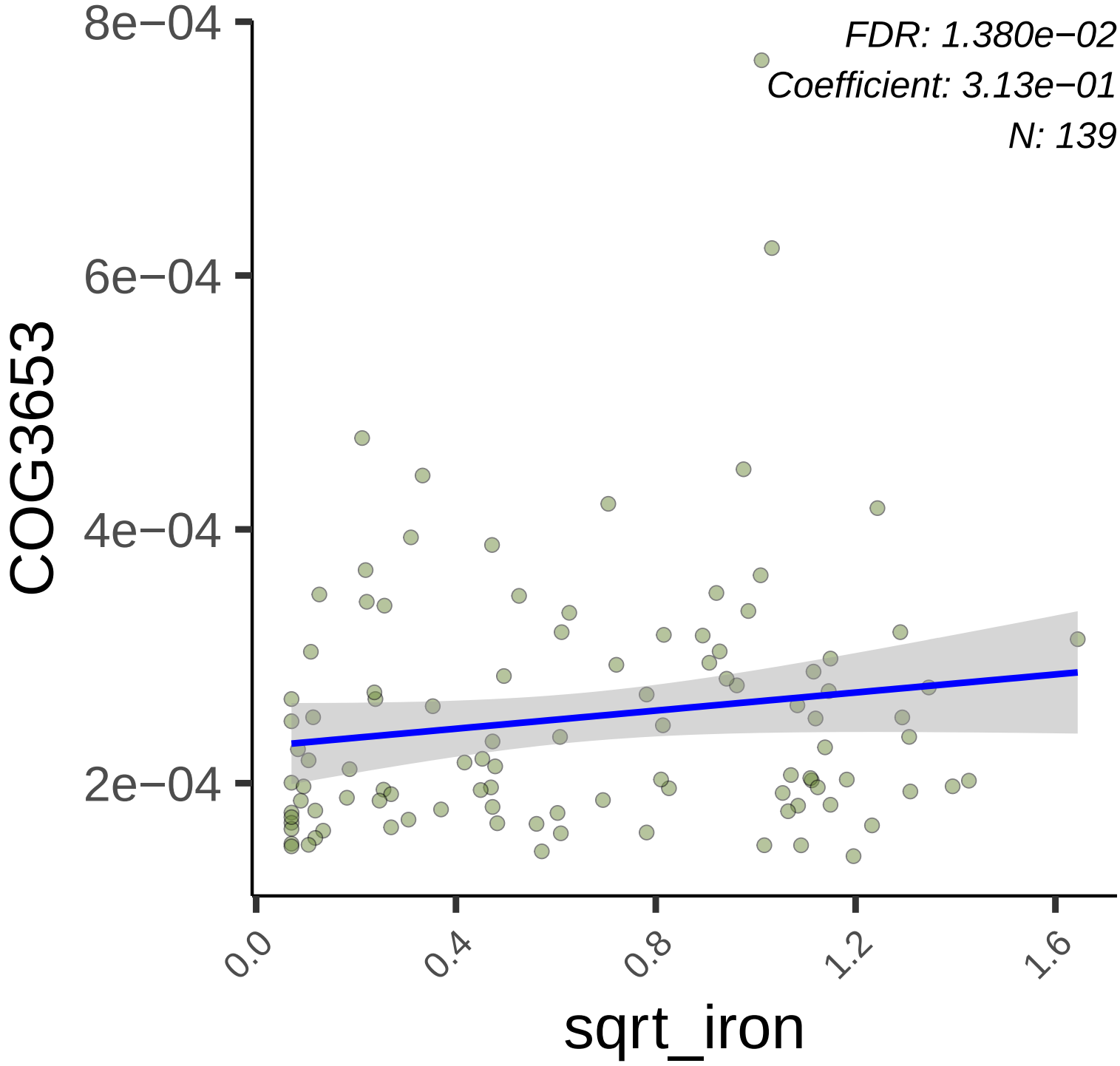
1.6
sqrt_iron


FDR: 1.380e−02
Coefficient: 3.13e−01
N: 139
8e−04
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COG3653
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0.4
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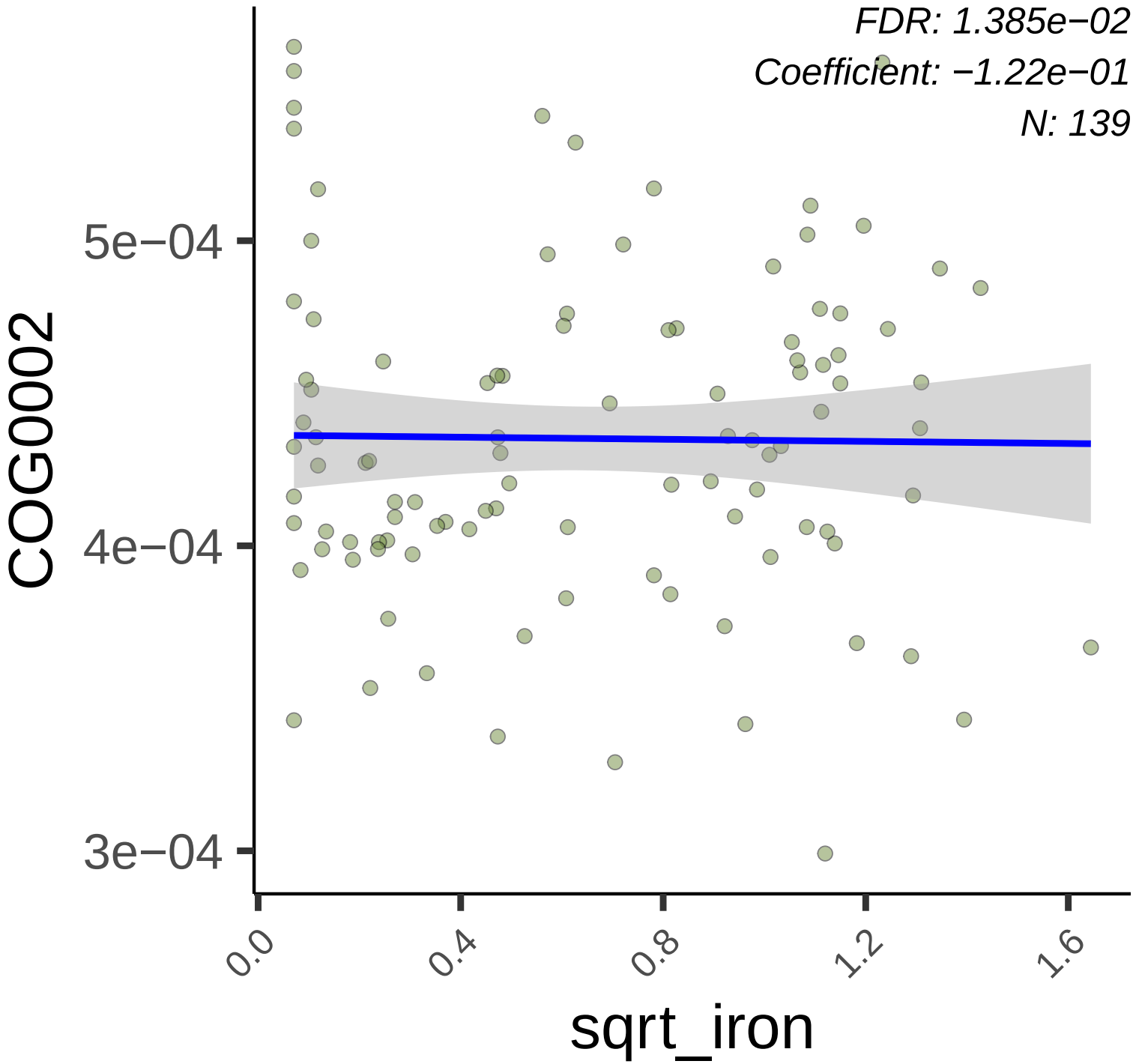
1.6
sqrt_iron


FDR: 1.385e−02
Coefficient: −1.22e−01
N: 139
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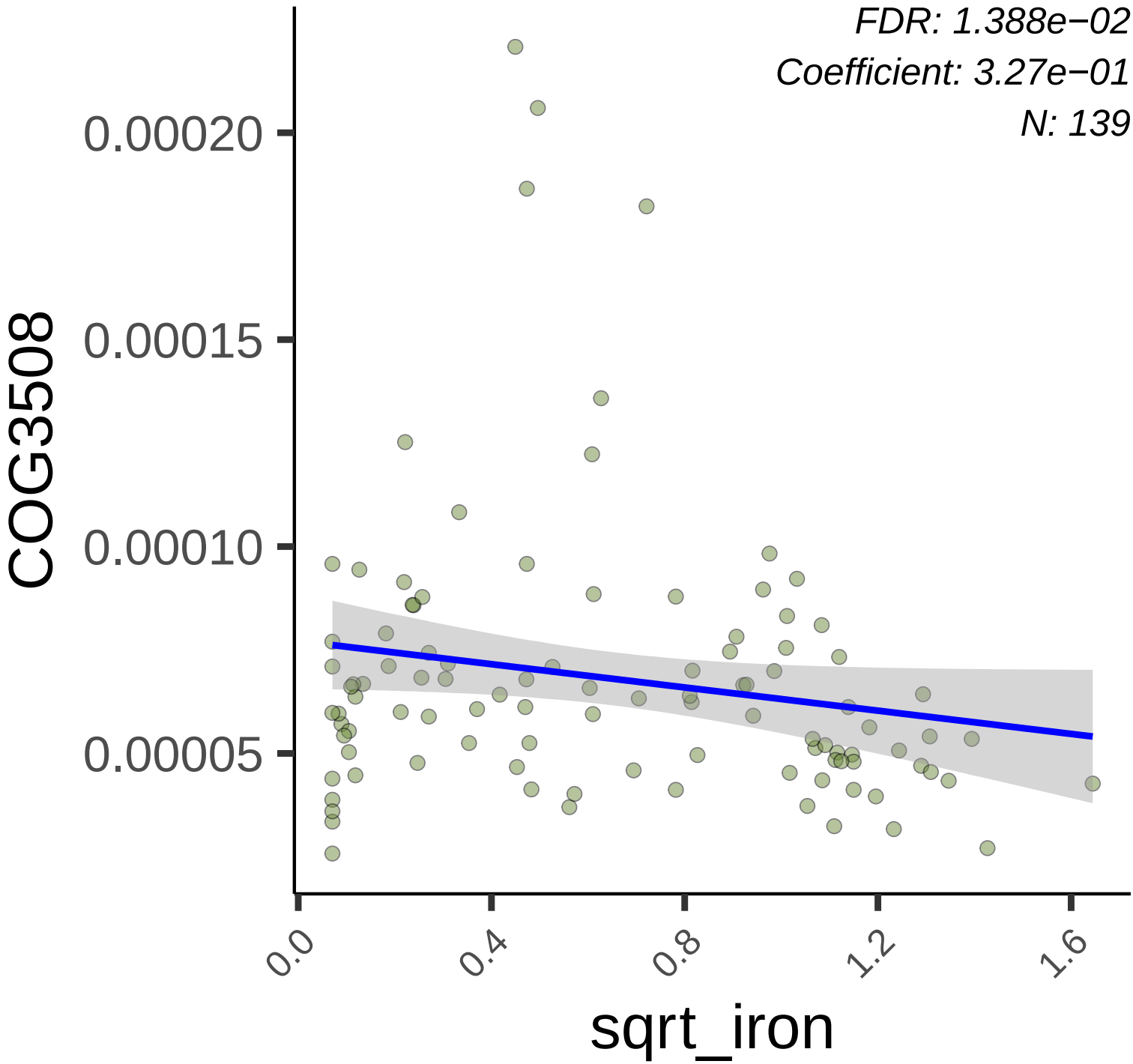
1.6
sqrt_iron


FDR: 1.388e−02
Coefficient: 3.27e−01
N: 139
COG3508
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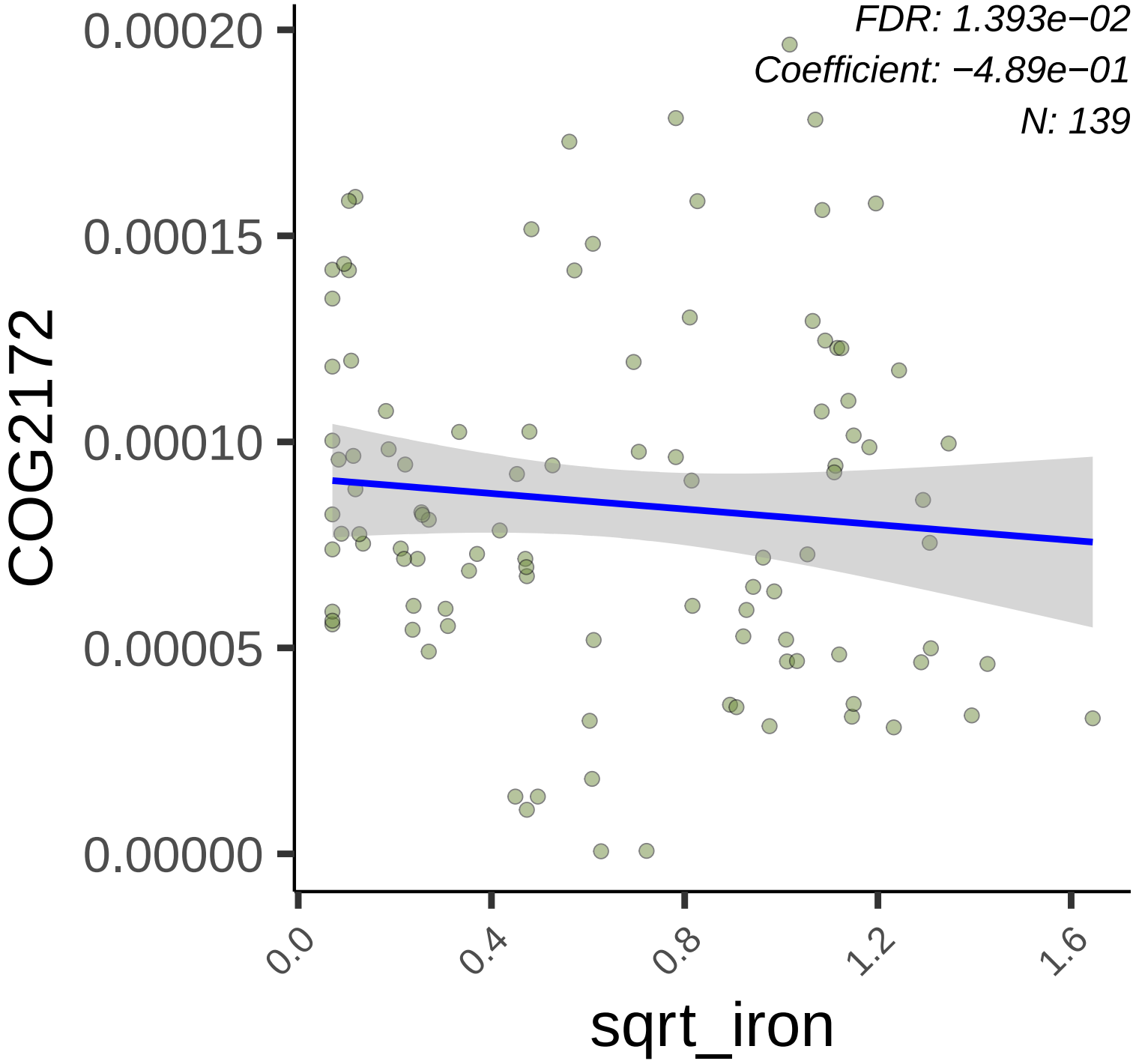
1.6
sqrt_iron


FDR: 1.393e−02
Coefficient: −4.89e−01
N: 139
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COG2172
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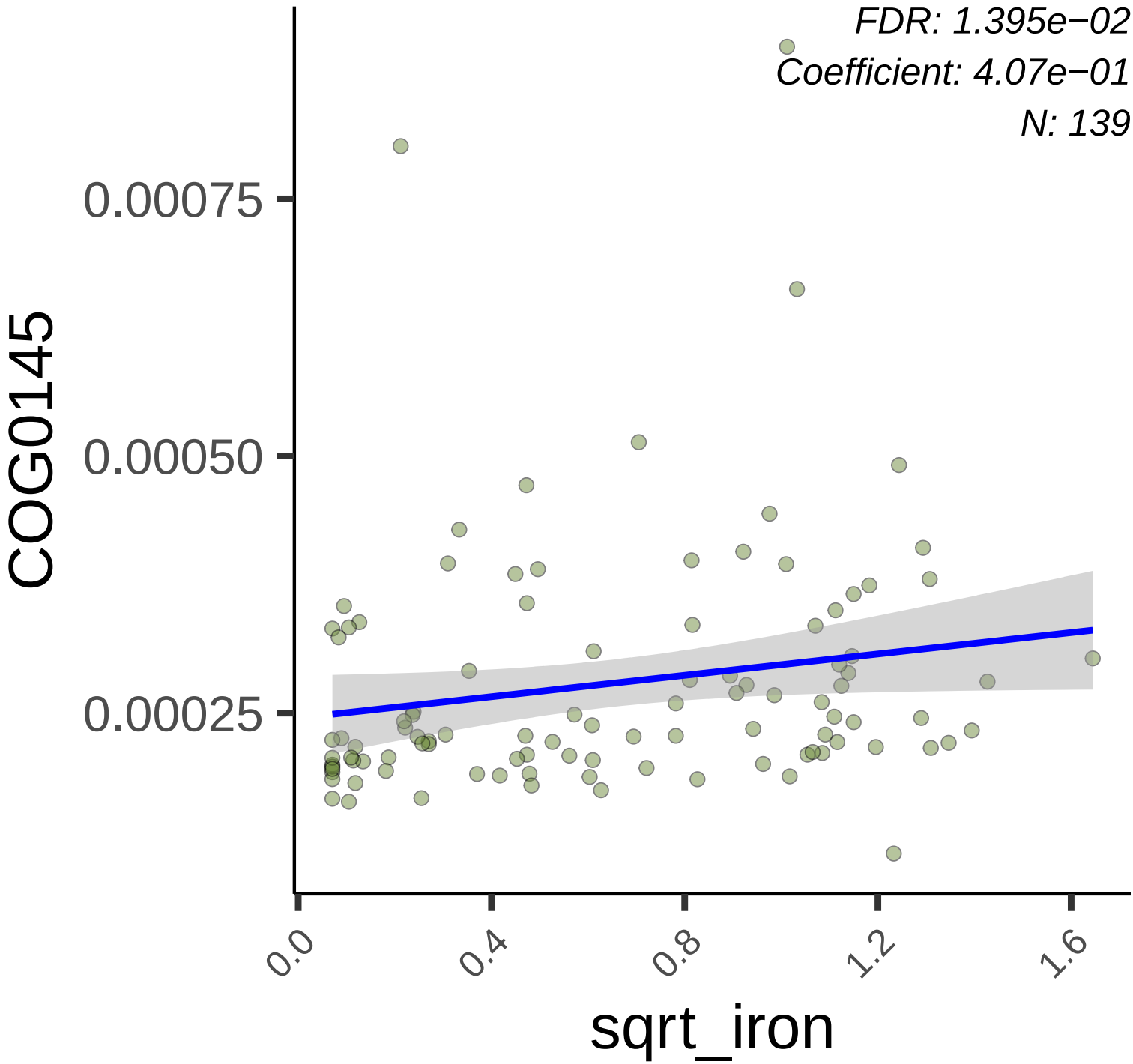
1.2
1.6
sqrt_iron


FDR: 1.395e−02
Coefficient: 4.07e−01
N: 139
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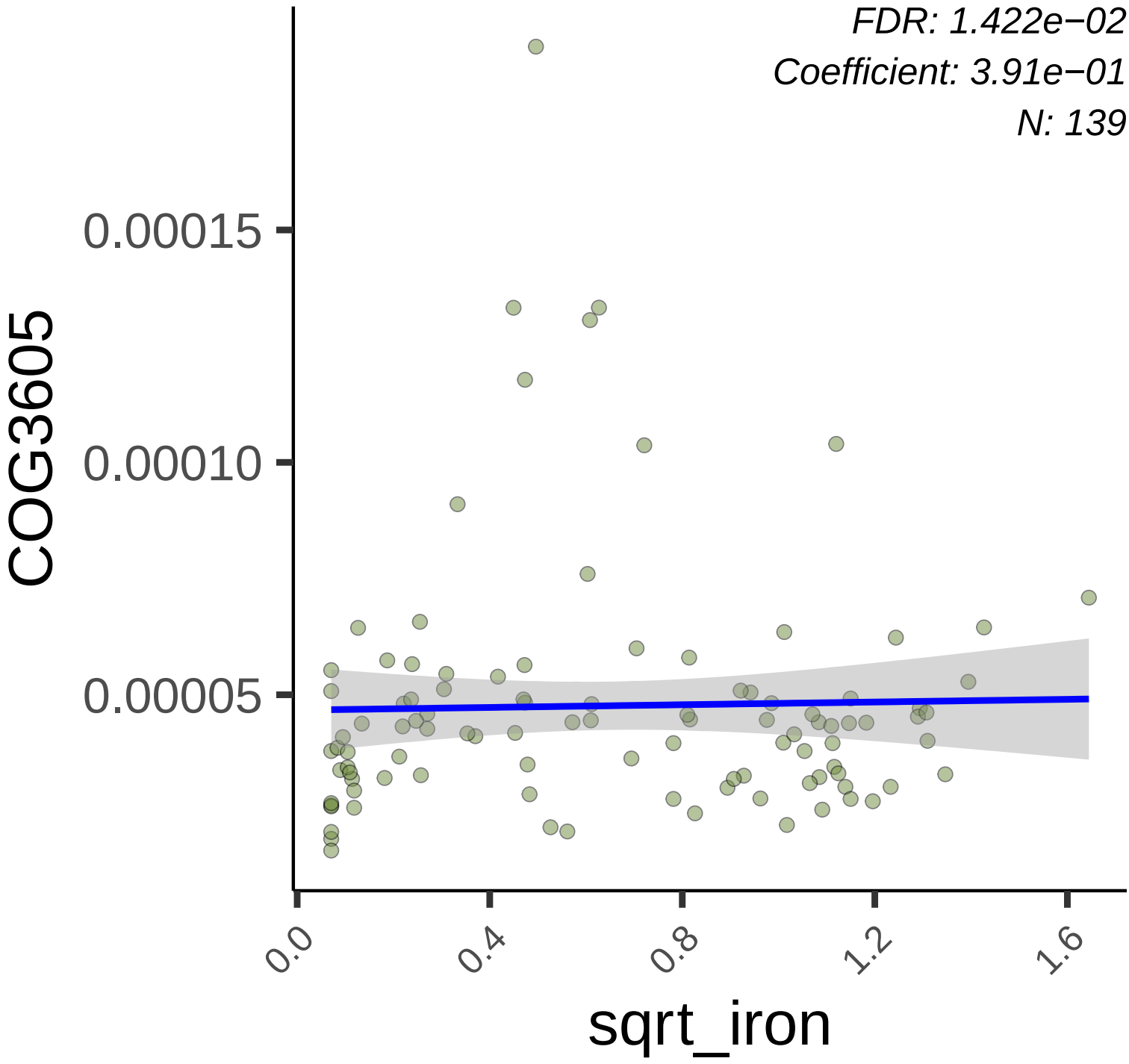
1.2
1.6
sqrt_iron


FDR: 1.422e−02
Coefficient: 3.91e−01
N: 139
COG3605
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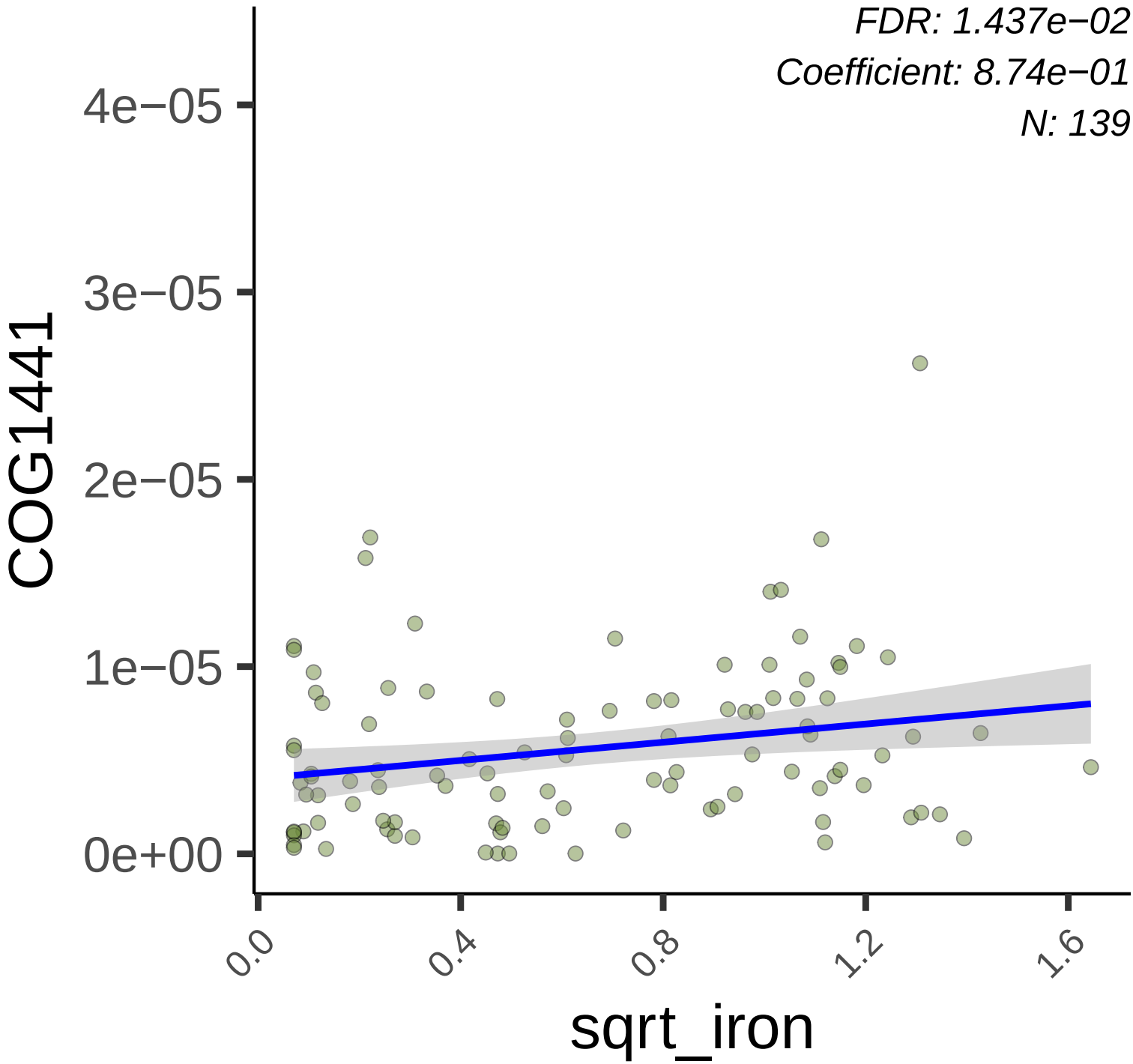
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.437e−02
Coefficient: 8.74e−01
N: 139
COG1441
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2e−05
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0e+00
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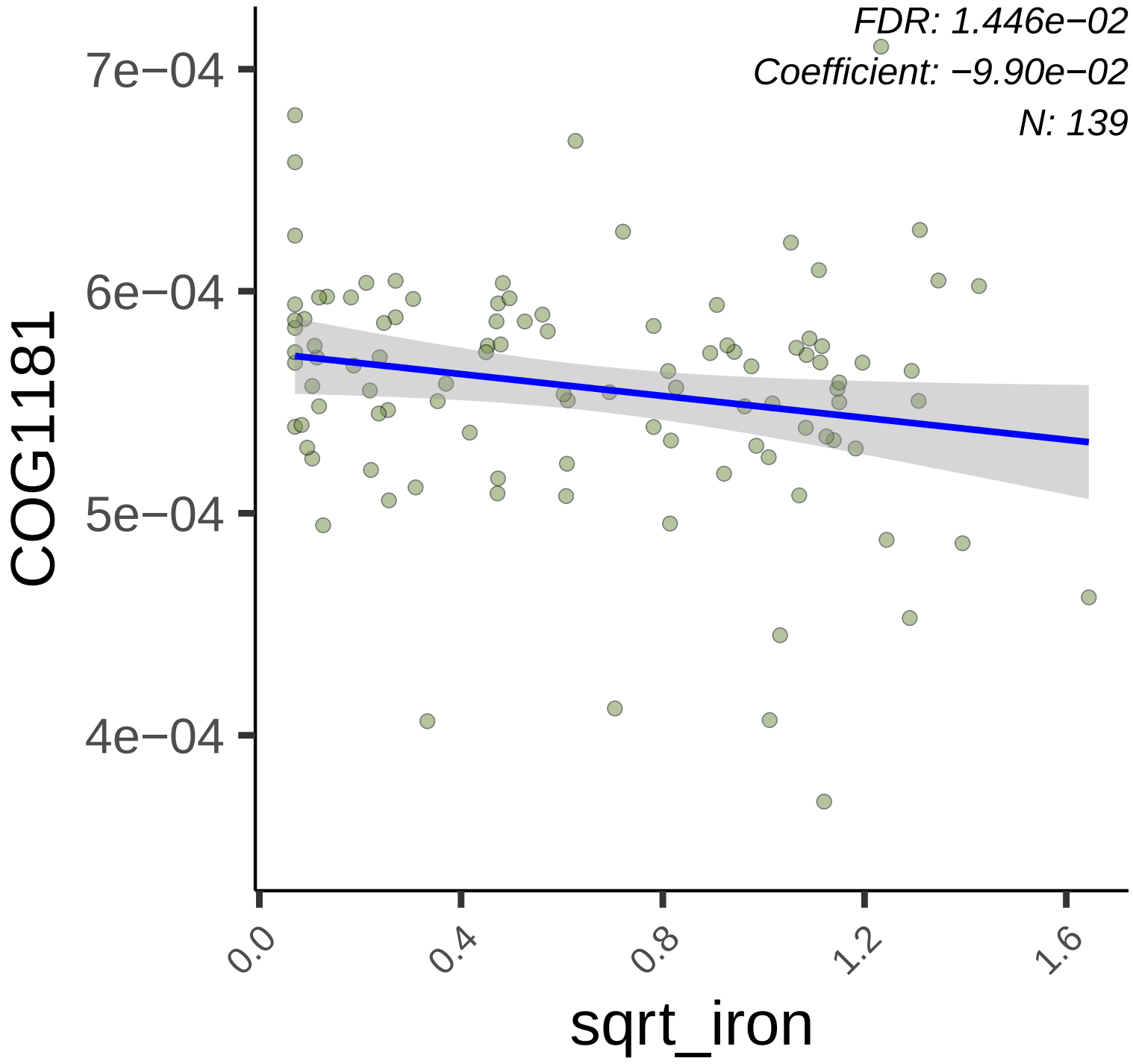
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.446e−02
Coefficient: −9.90e−02
N: 139
7e−04
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5e−04
4e−04
COG1181
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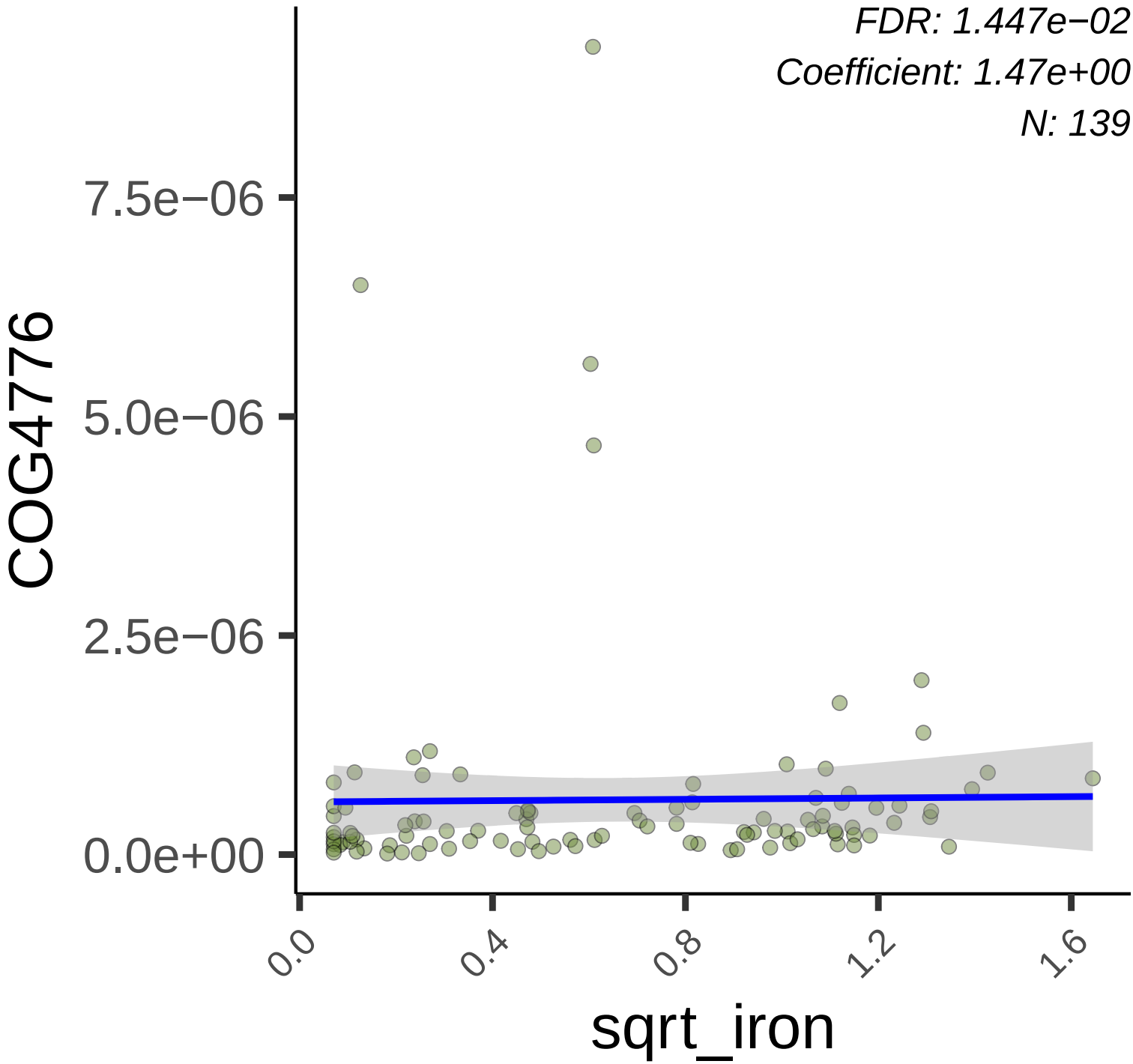
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.447e−02
Coefficient: 1.47e+00
N: 139
COG4776
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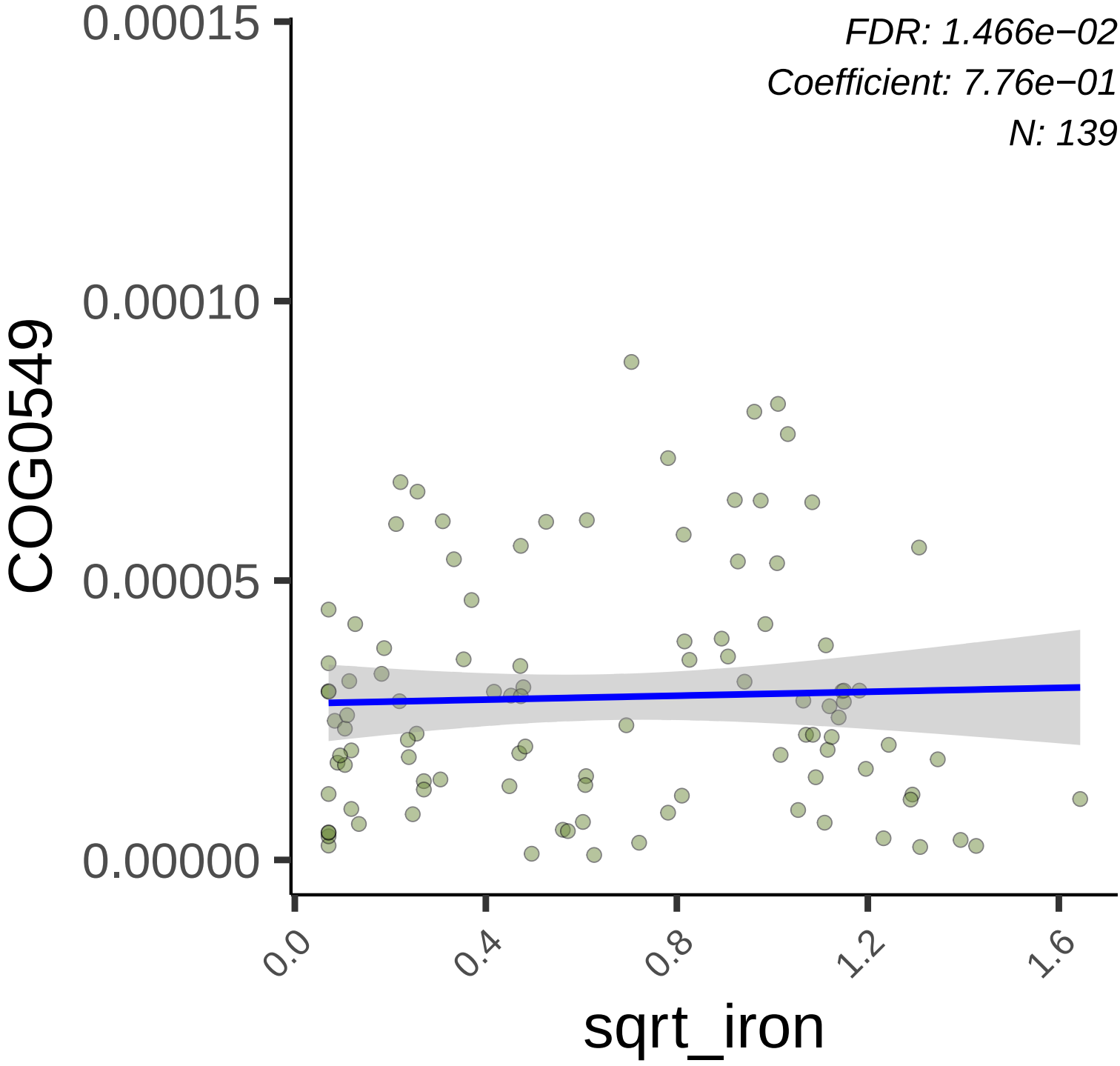
2.5e−06
0.0e+00
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.466e−02
Coefficient: 7.76e−01
N: 139
COG0549
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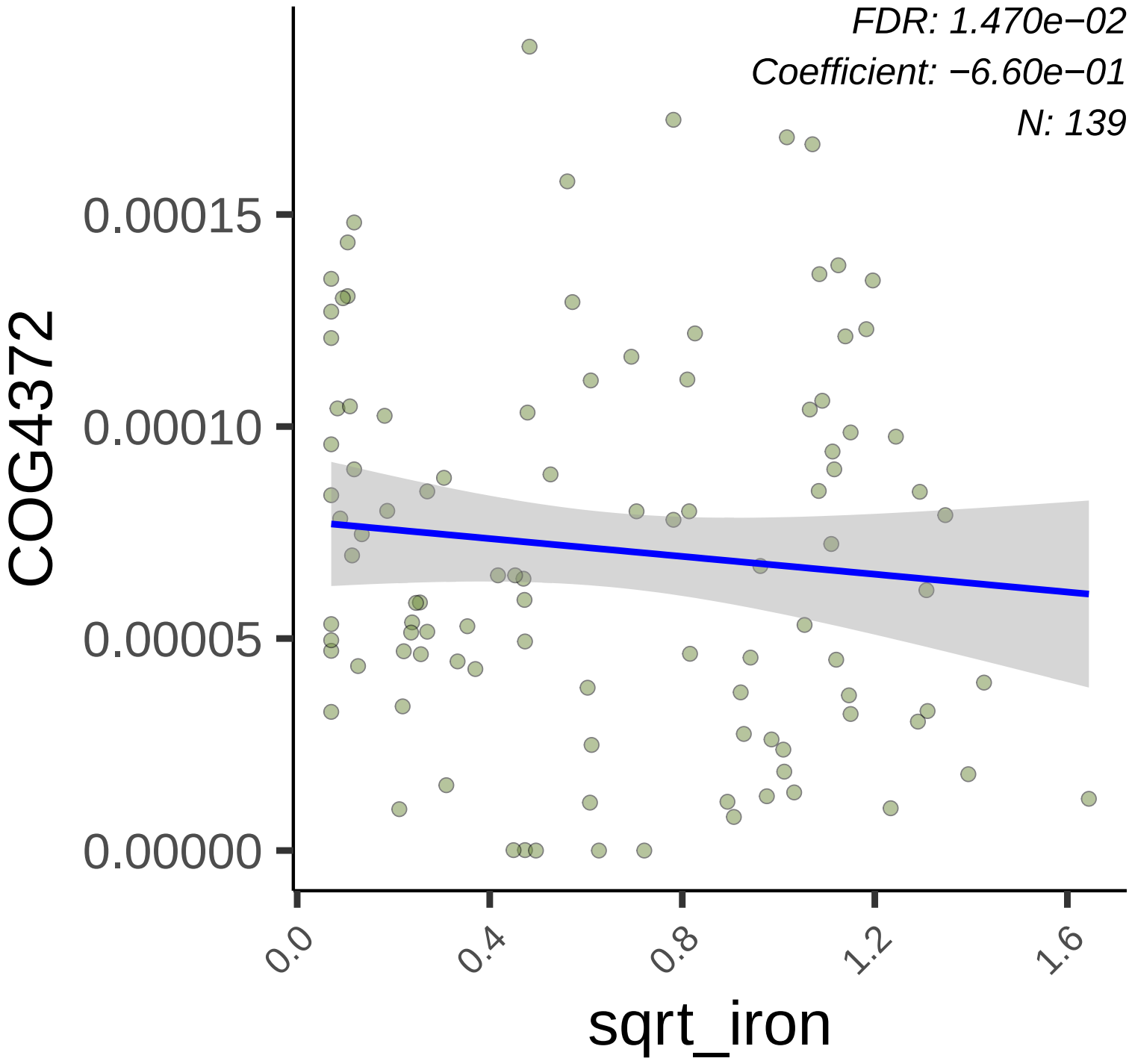
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.470e−02
Coefficient: −6.60e−01
N: 139
COG4372
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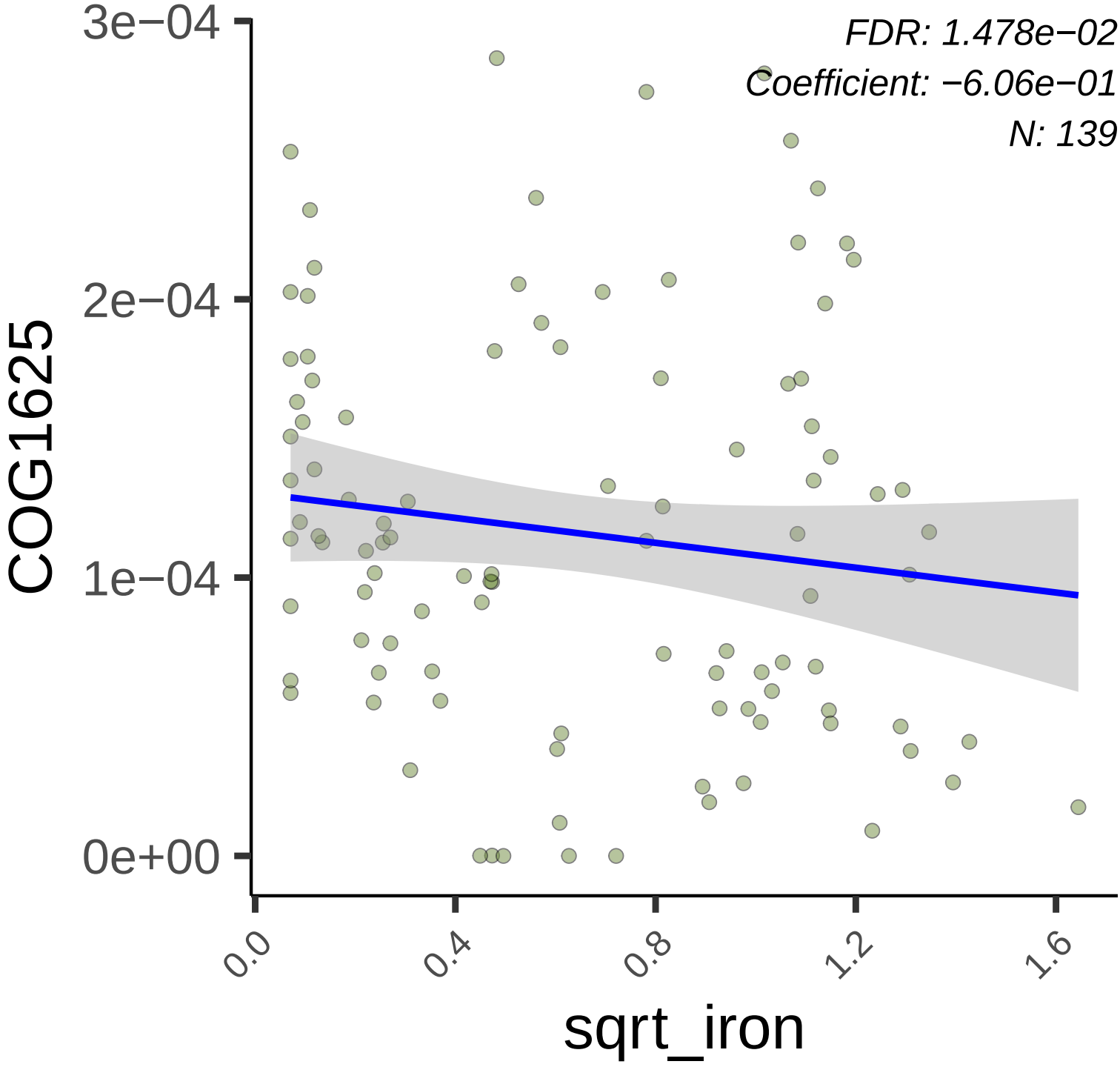
0.00000
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.478e−02
Coefficient: −6.06e−01
N: 139
3e−04
2e−04
1e−04
0e+00
COG1625
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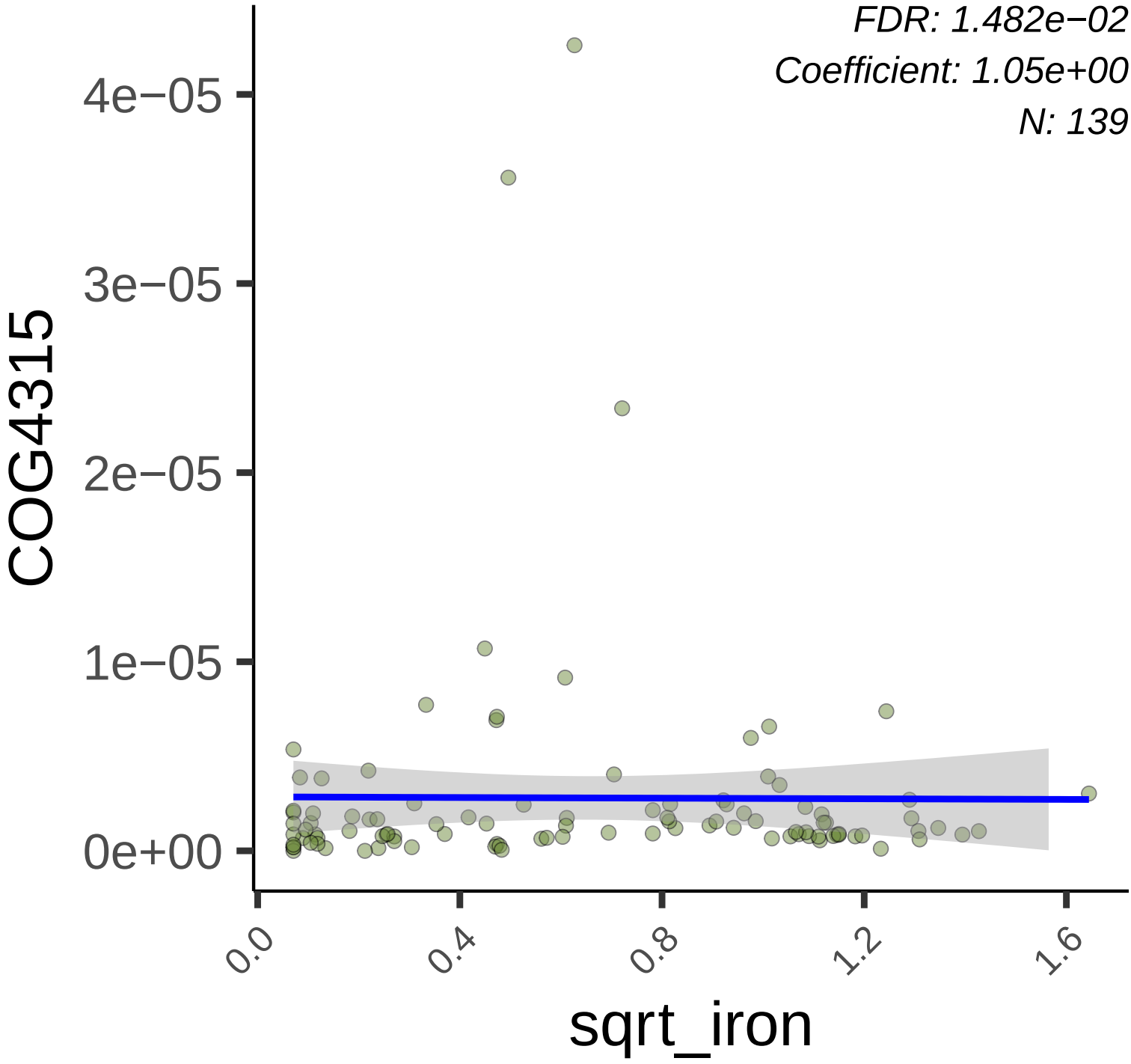
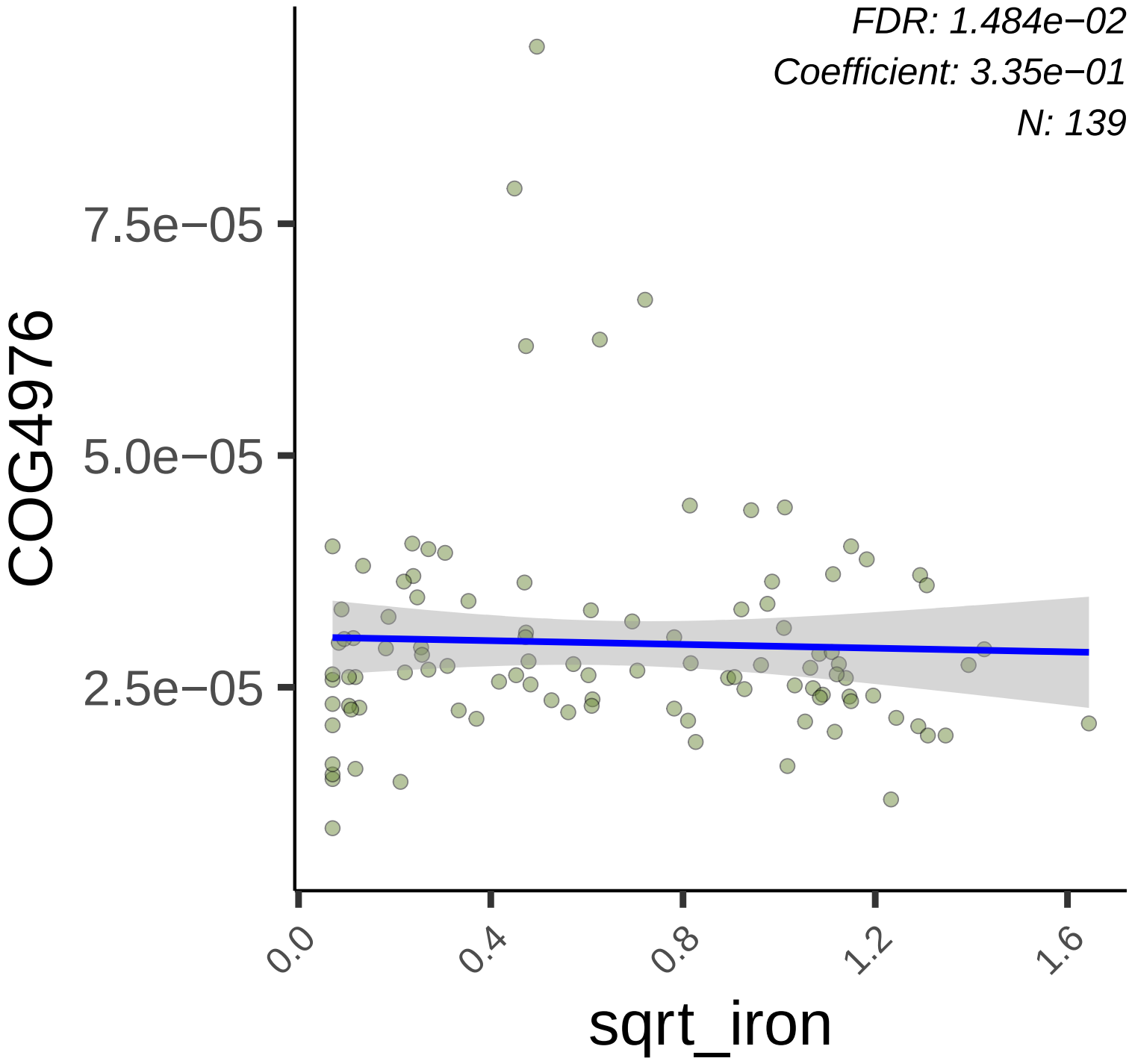
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.482e−02
Coefficient: 1.05e+00
N: 139
COG4315
4e−05
3e−05
2e−05
1e−05
0e+00
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.484e−02
Coefficient: 3.35e−01
N: 139
7.5e−05
5.0e−05
2.5e−05
COG4976
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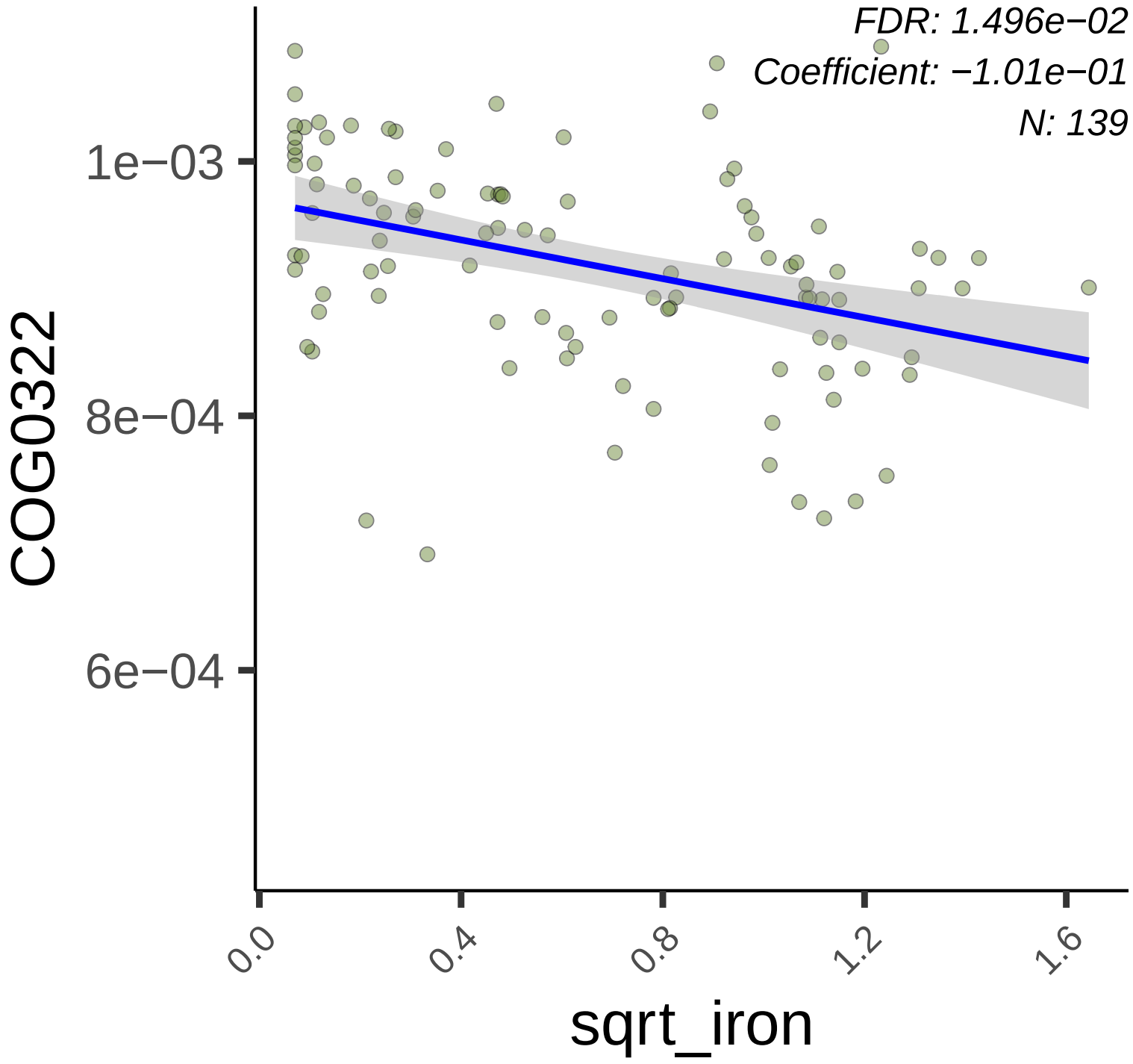
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.496e−02
Coefficient: −1.01e−01
N: 139
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8e−04
6e−04
COG0322
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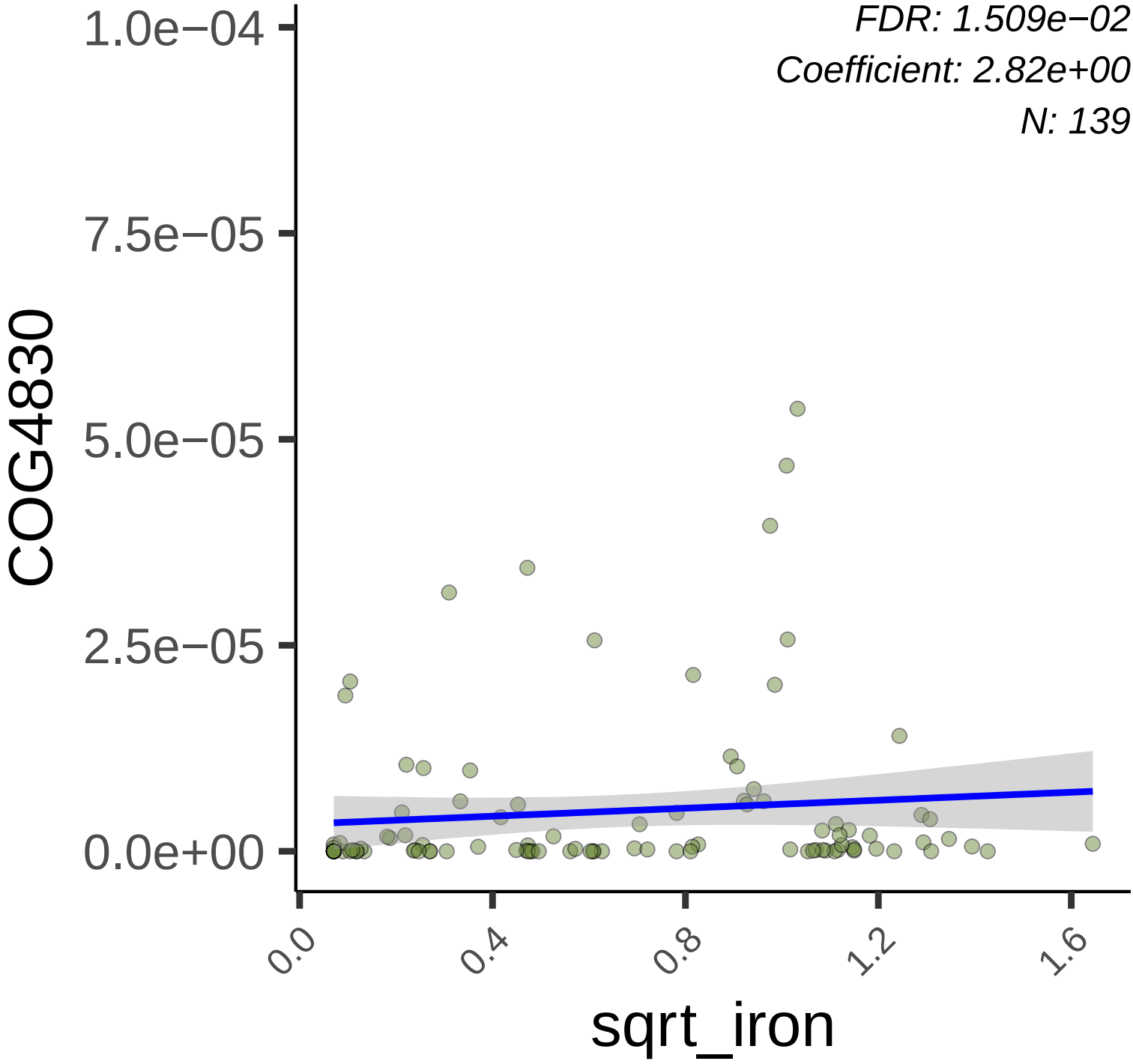
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.509e−02
Coefficient: 2.82e+00
N: 139
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7.5e−05
5.0e−05
2.5e−05
0.0e+00
COG4830
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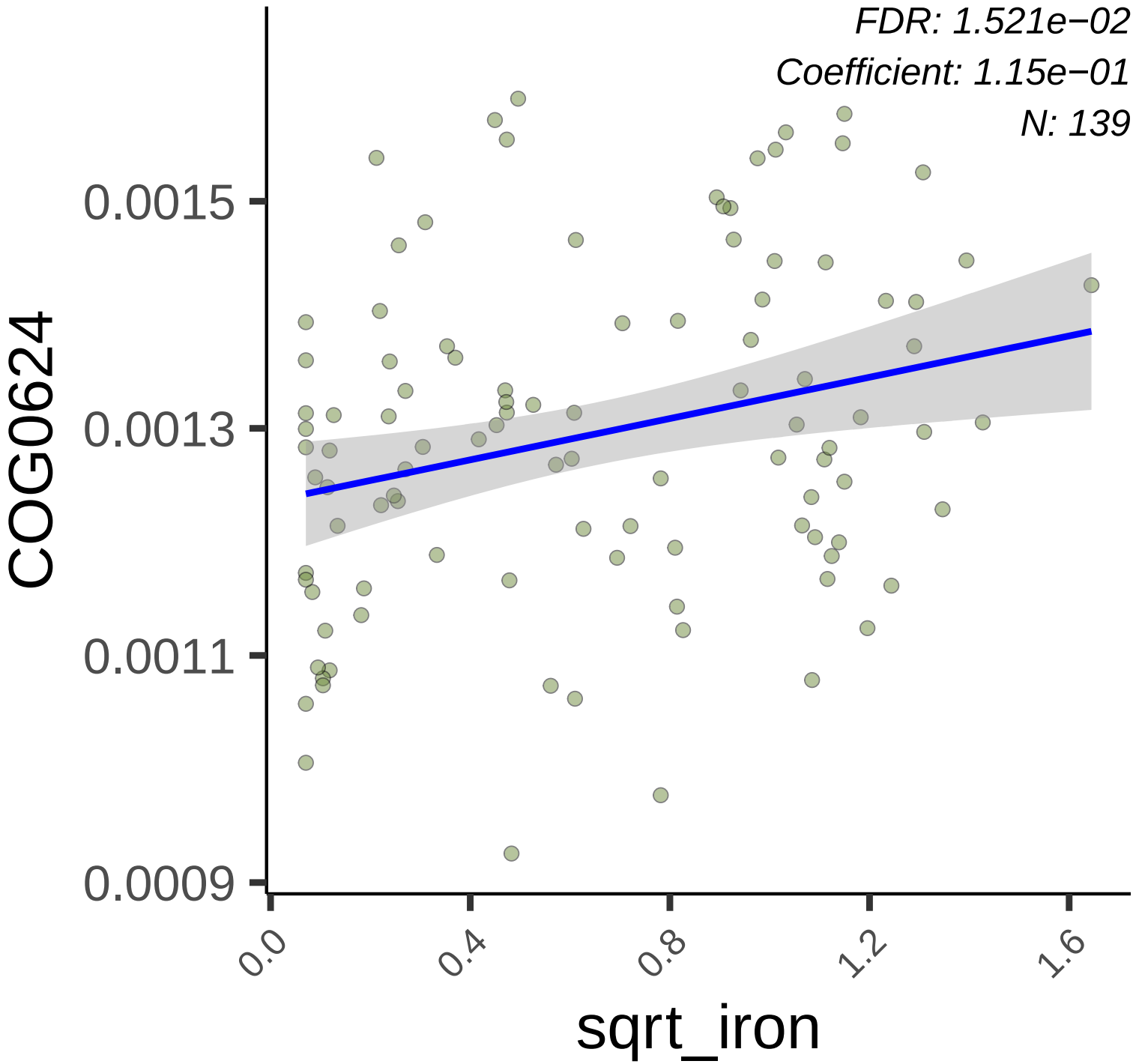
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.521e−02
Coefficient: 1.15e−01
N: 139
COG0624
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0.0013
0.0011
0.0009
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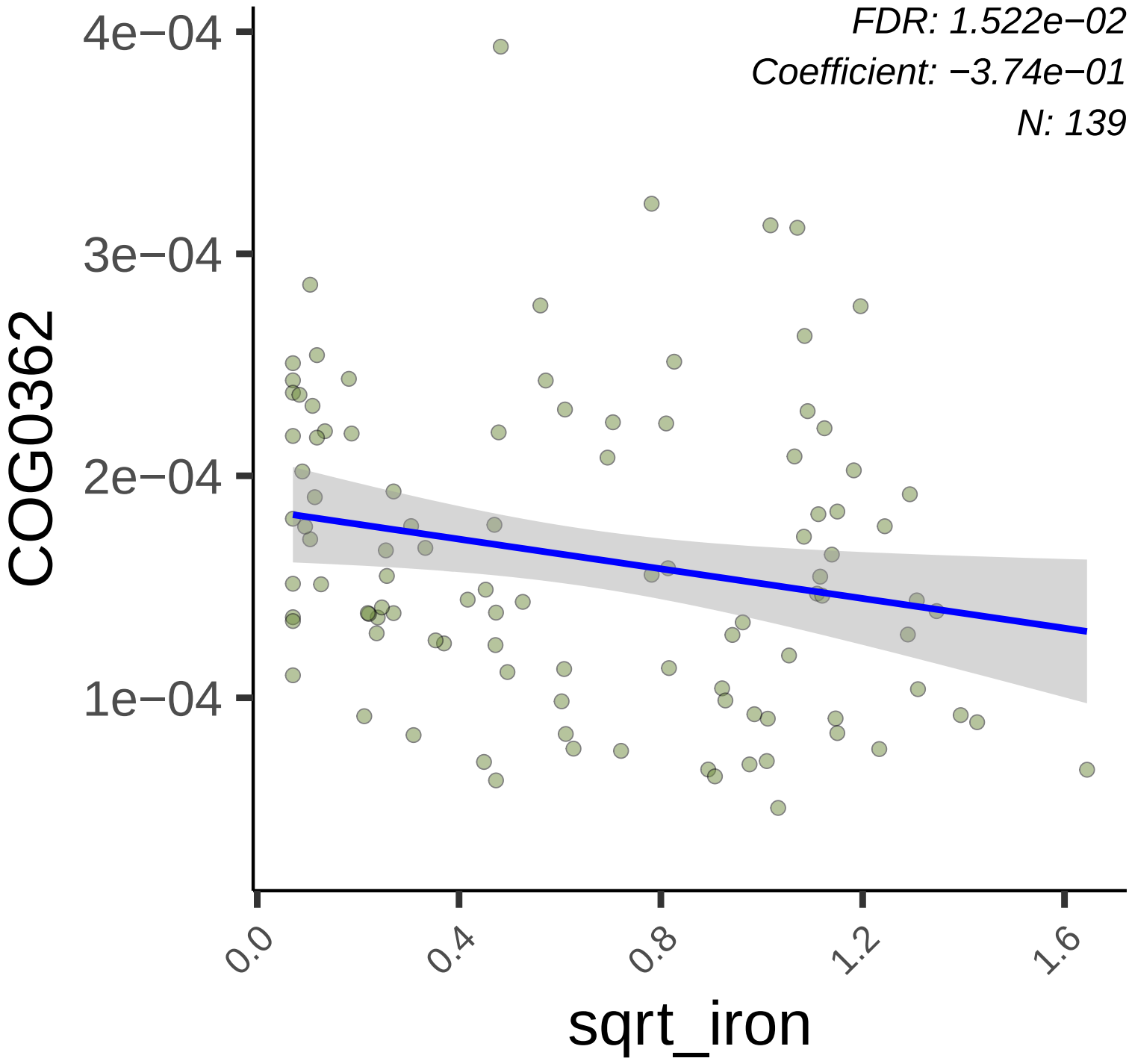
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.522e−02
Coefficient: −3.74e−01
N: 139
4e−04
3e−04
2e−04
1e−04
COG0362
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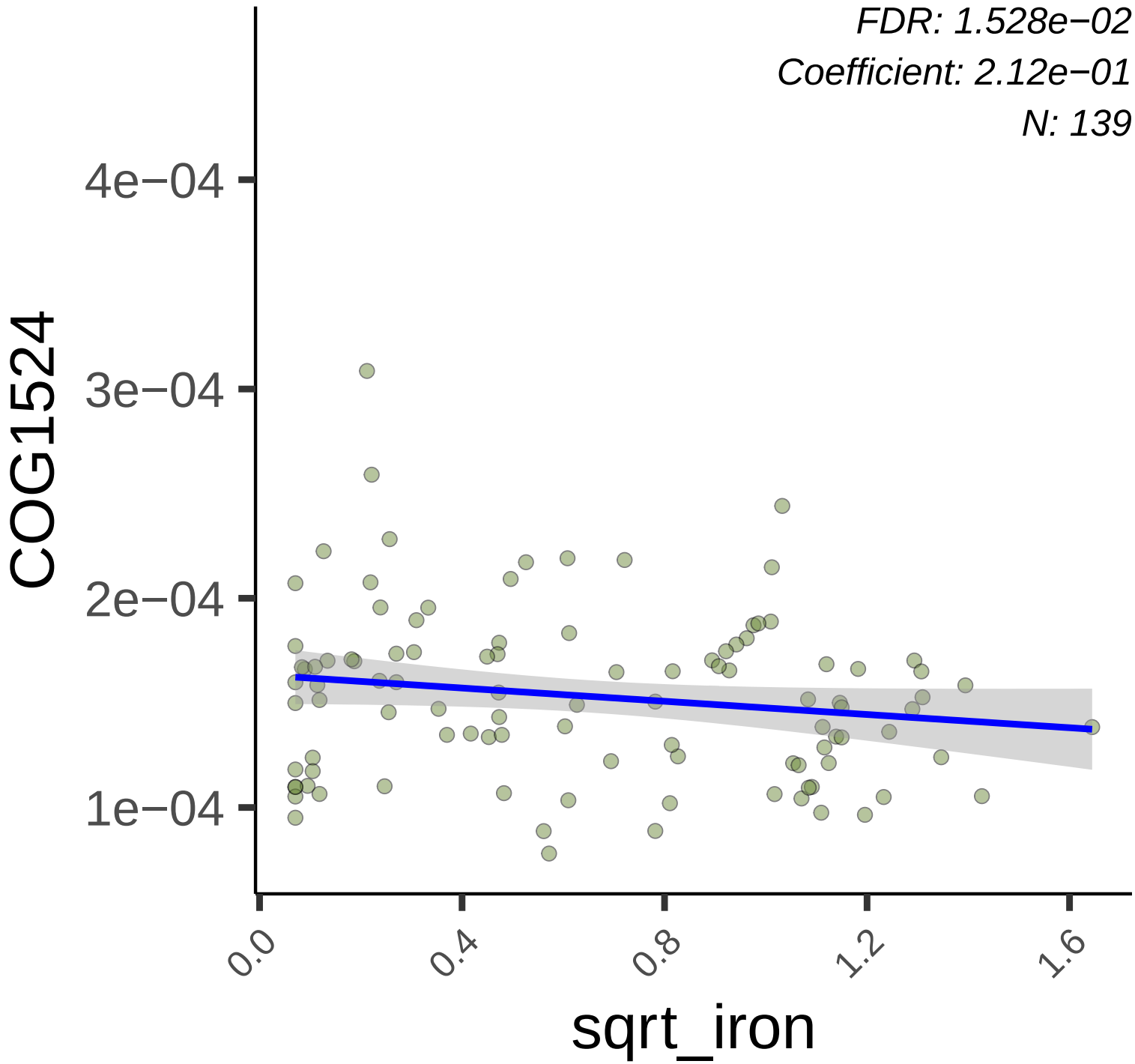
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.528e−02
Coefficient: 2.12e−01
N: 139
COG1524
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3e−04
2e−04
1e−04
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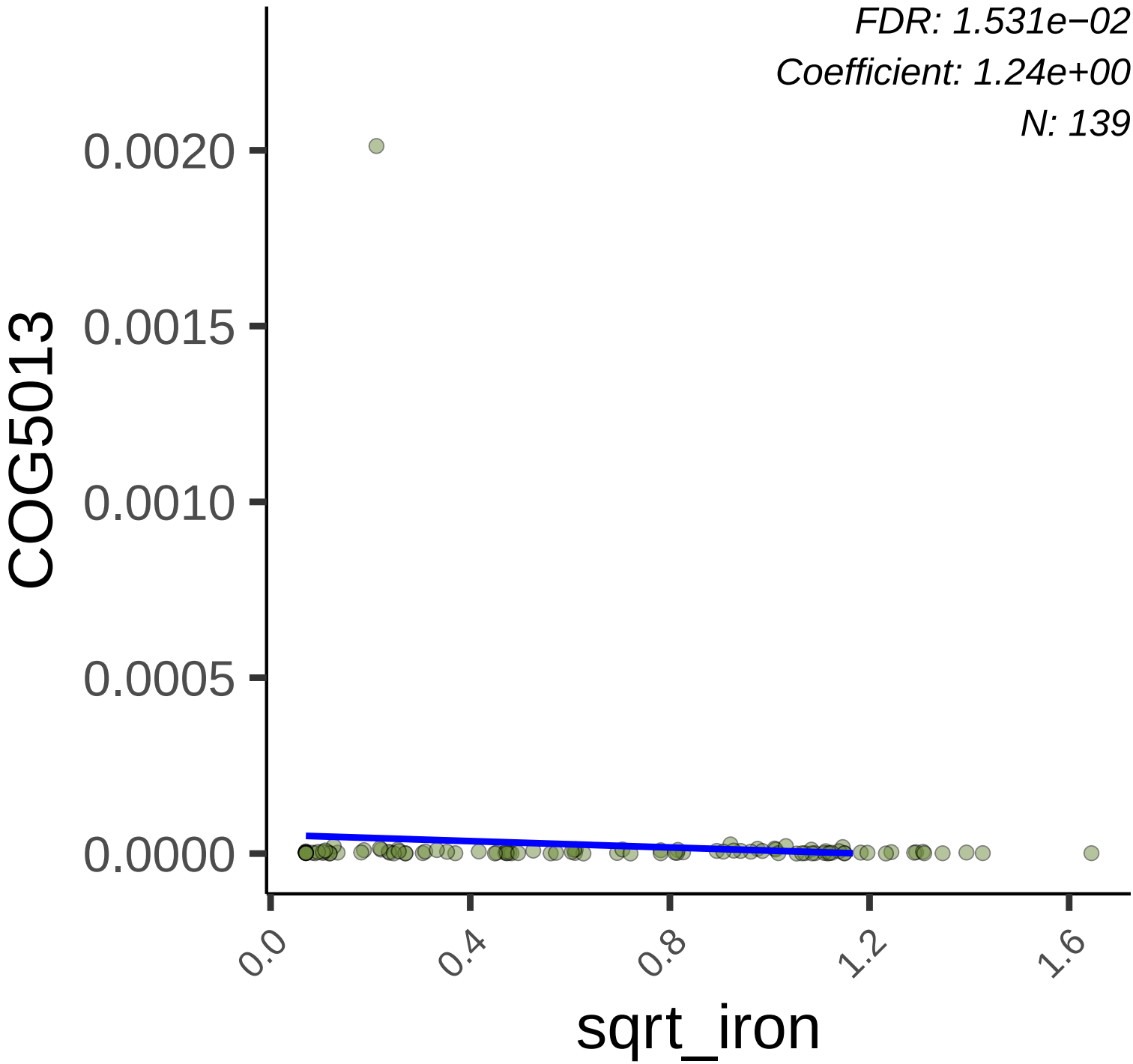
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.531e−02
Coefficient: 1.24e+00
N: 139
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0.0015
0.0010
0.0005
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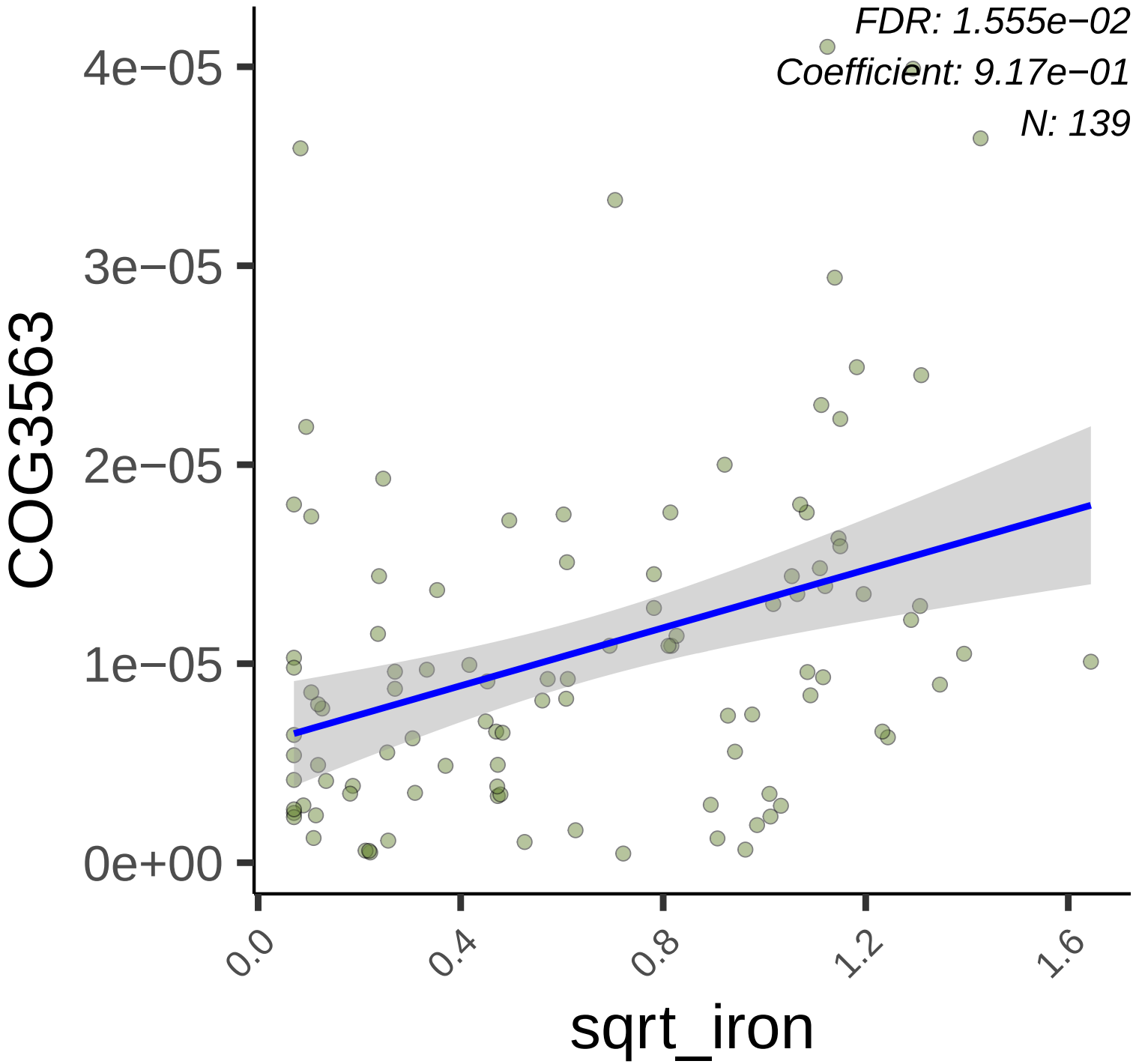
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.555e−02
Coefficient: 9.17e−01
N: 139
COG3563
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2e−05
1e−05
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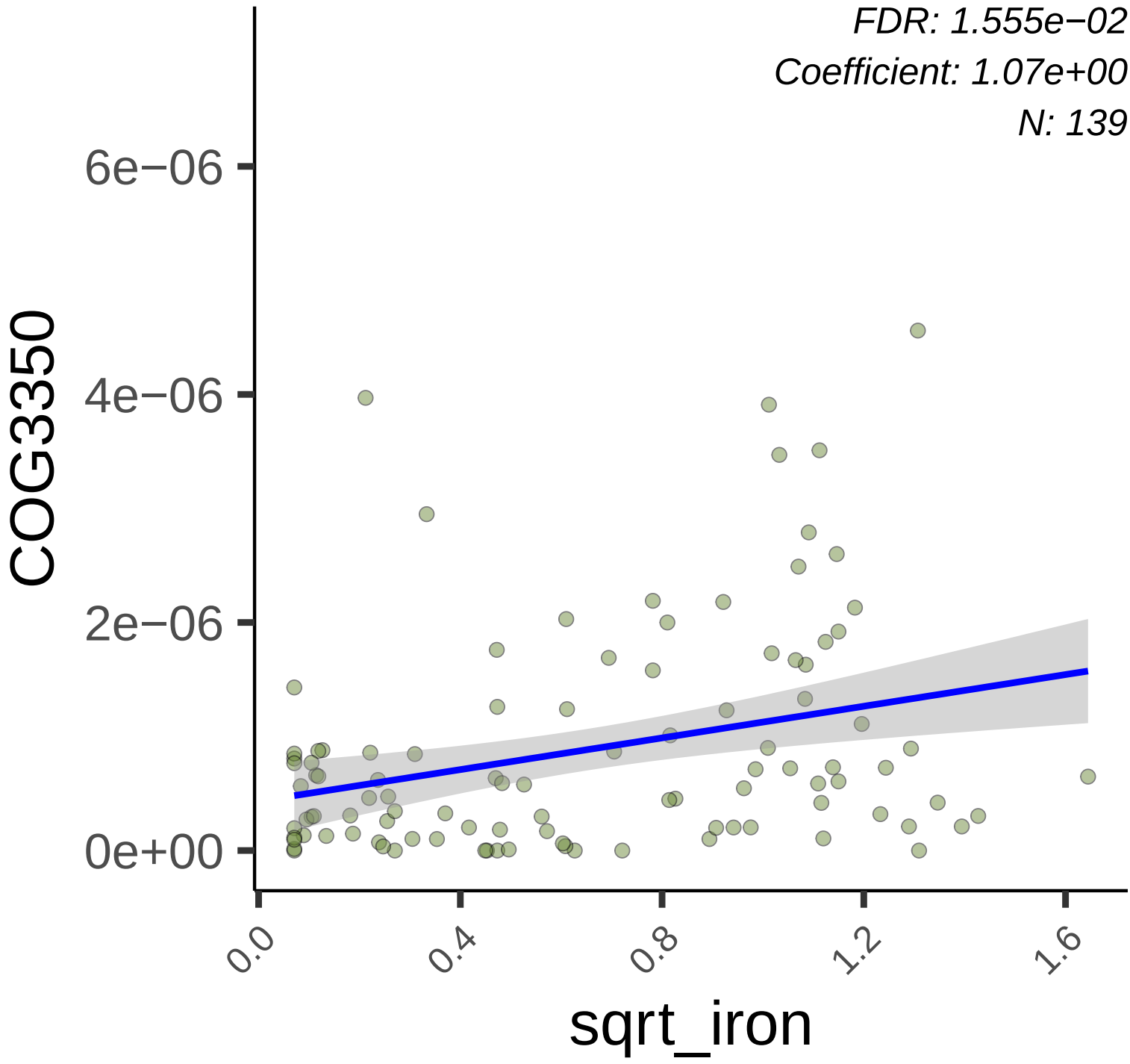
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.555e−02
Coefficient: 1.07e+00
N: 139
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2e−06
0e+00
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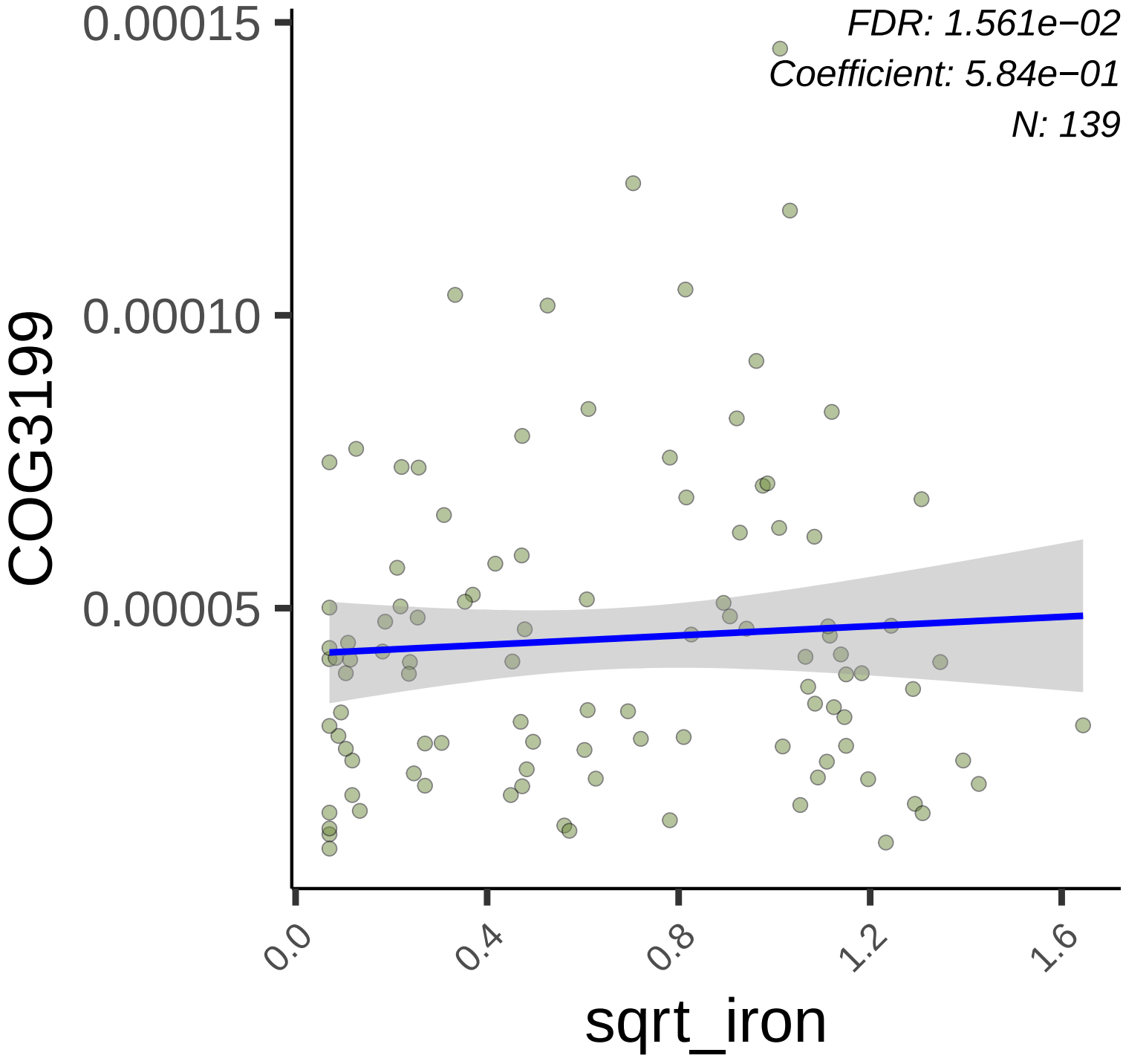
0.8
1.2
1.6
sqrt_iron


FDR: 1.561e−02
Coefficient: 5.84e−01
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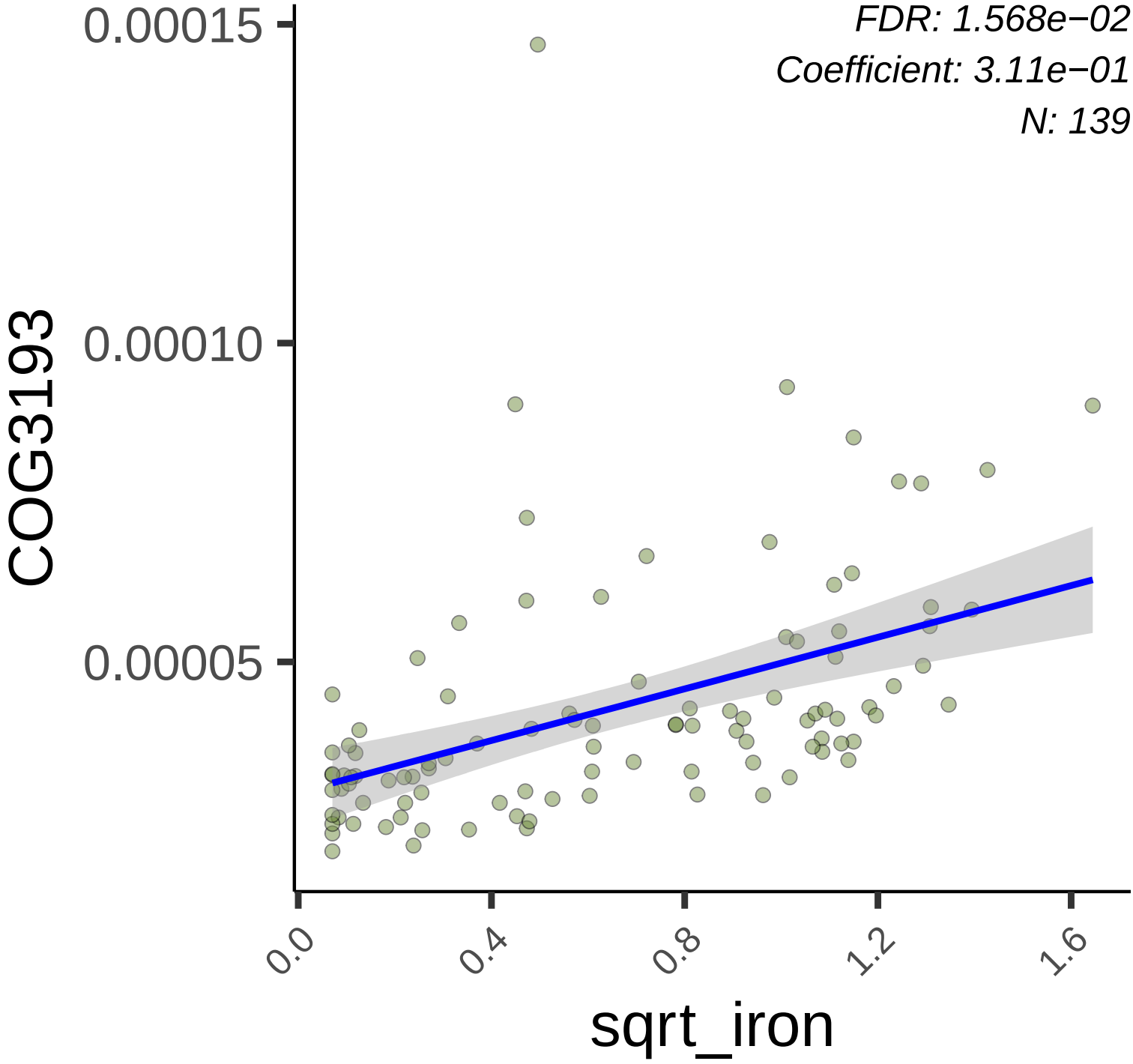
1.6
sqrt_iron


FDR: 1.568e−02
Coefficient: 3.11e−01
N: 139
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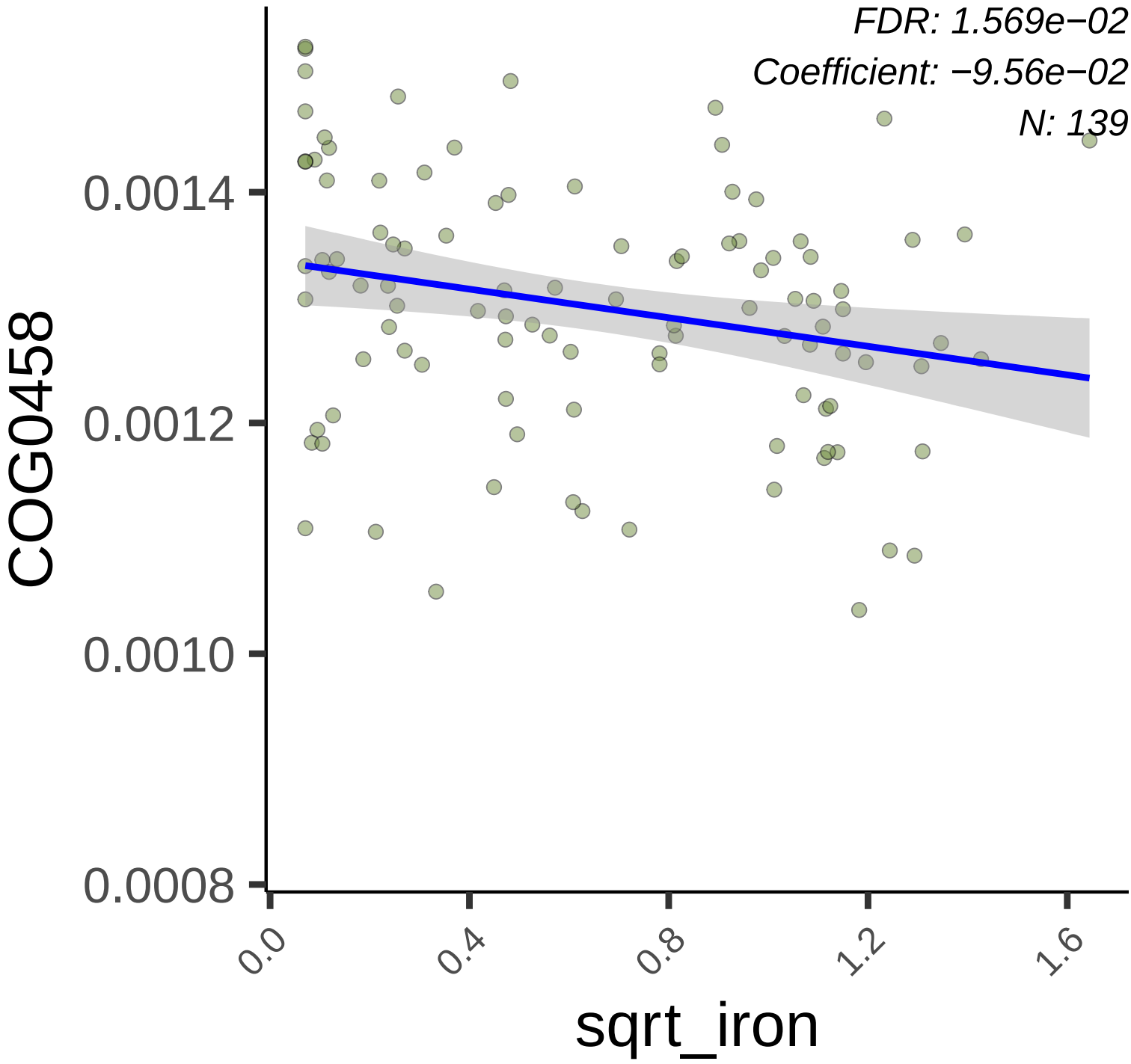
1.6
sqrt_iron


FDR: 1.569e−02
Coefficient: −9.56e−02
N: 139
COG0458
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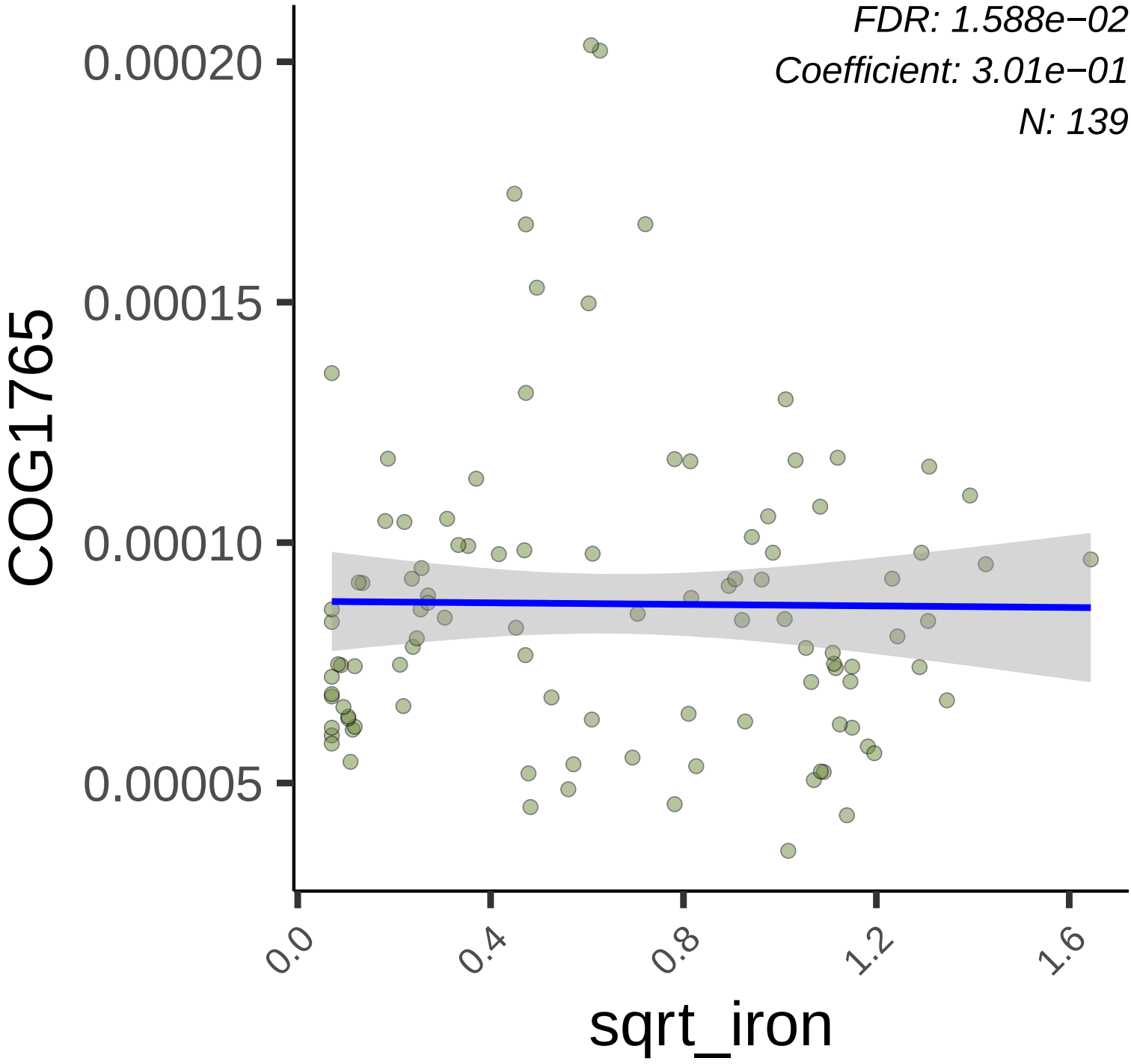
1.6
sqrt_iron


FDR: 1.588e−02
Coefficient: 3.01e−01
N: 139
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COG1765
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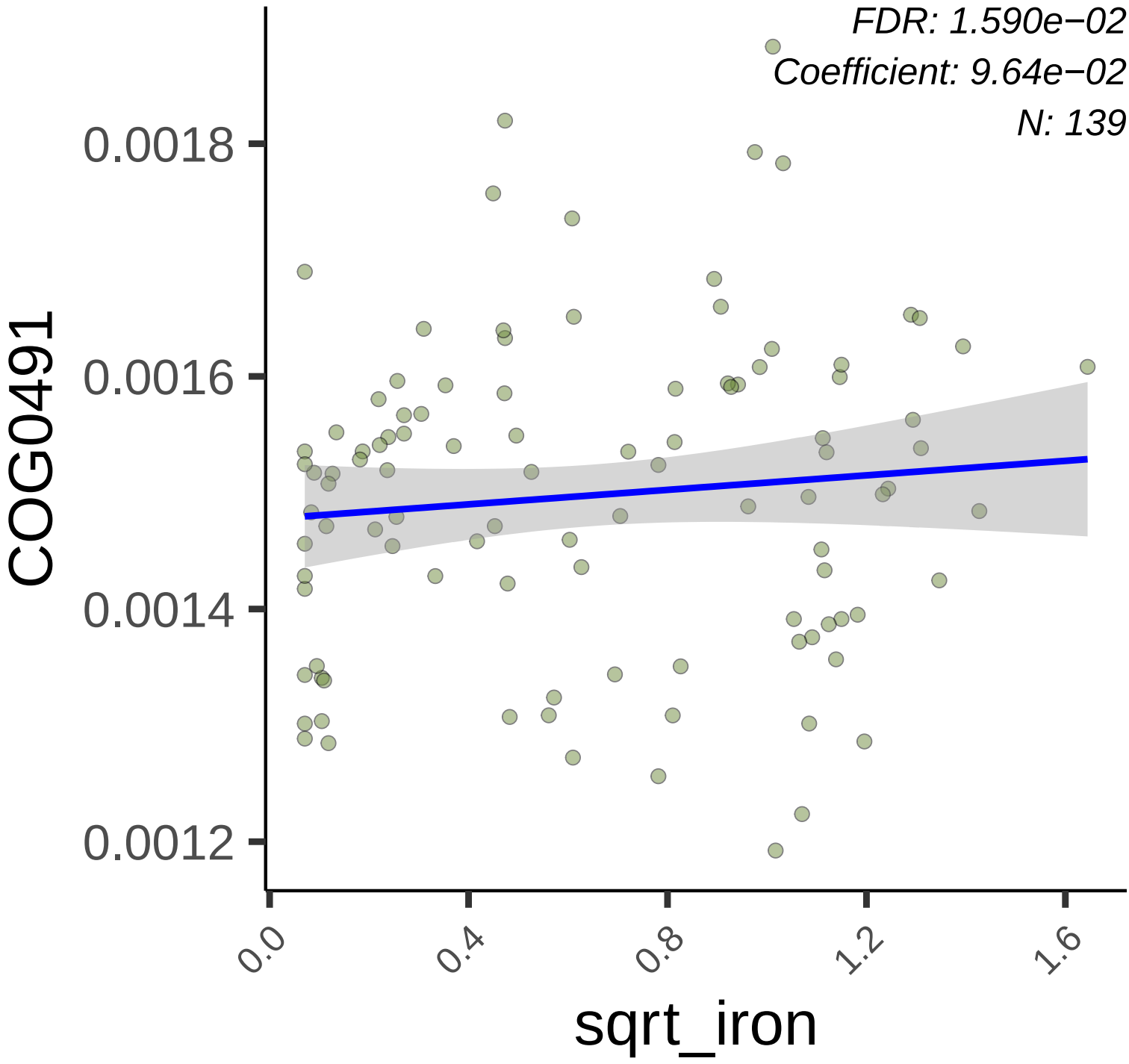
1.2
1.6
sqrt_iron


FDR: 1.590e−02
Coefficient: 9.64e−02
N: 139
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0.0012
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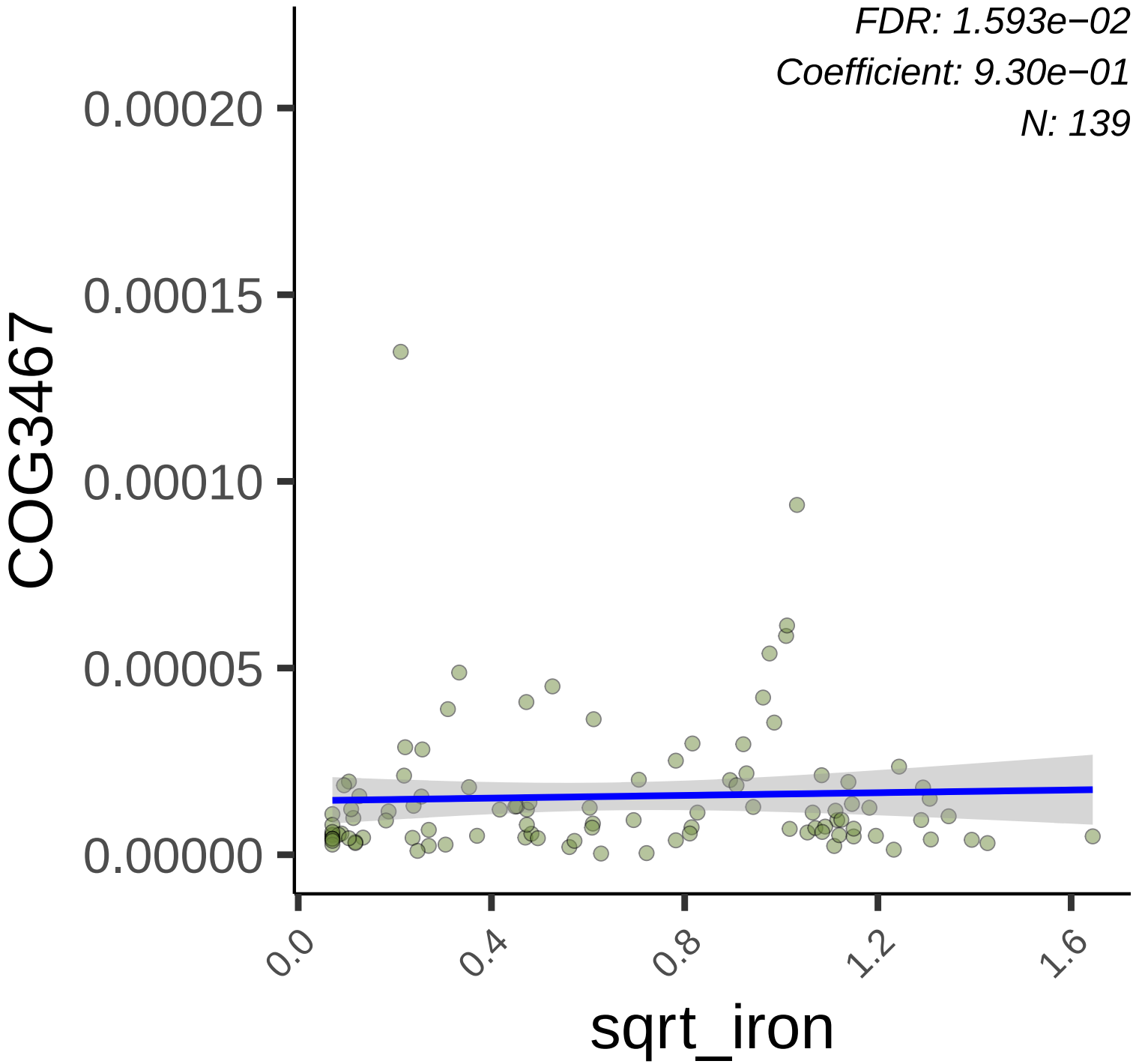
1.2
1.6
sqrt_iron


FDR: 1.593e−02
Coefficient: 9.30e−01
N: 139
COG3467
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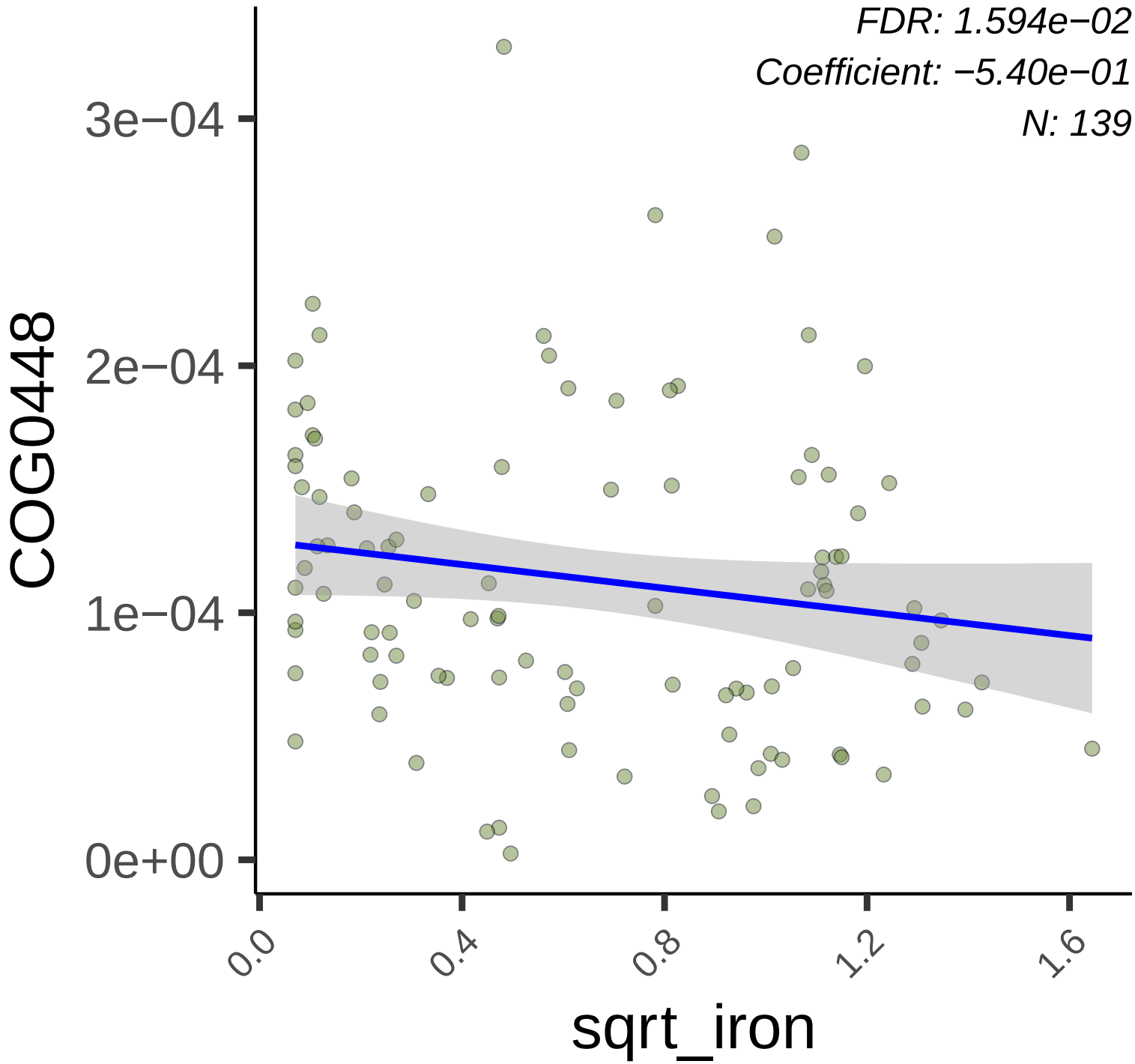
0.8
1.2
1.6
sqrt_iron


FDR: 1.594e−02
Coefficient: −5.40e−01
N: 139
COG0448
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1e−04
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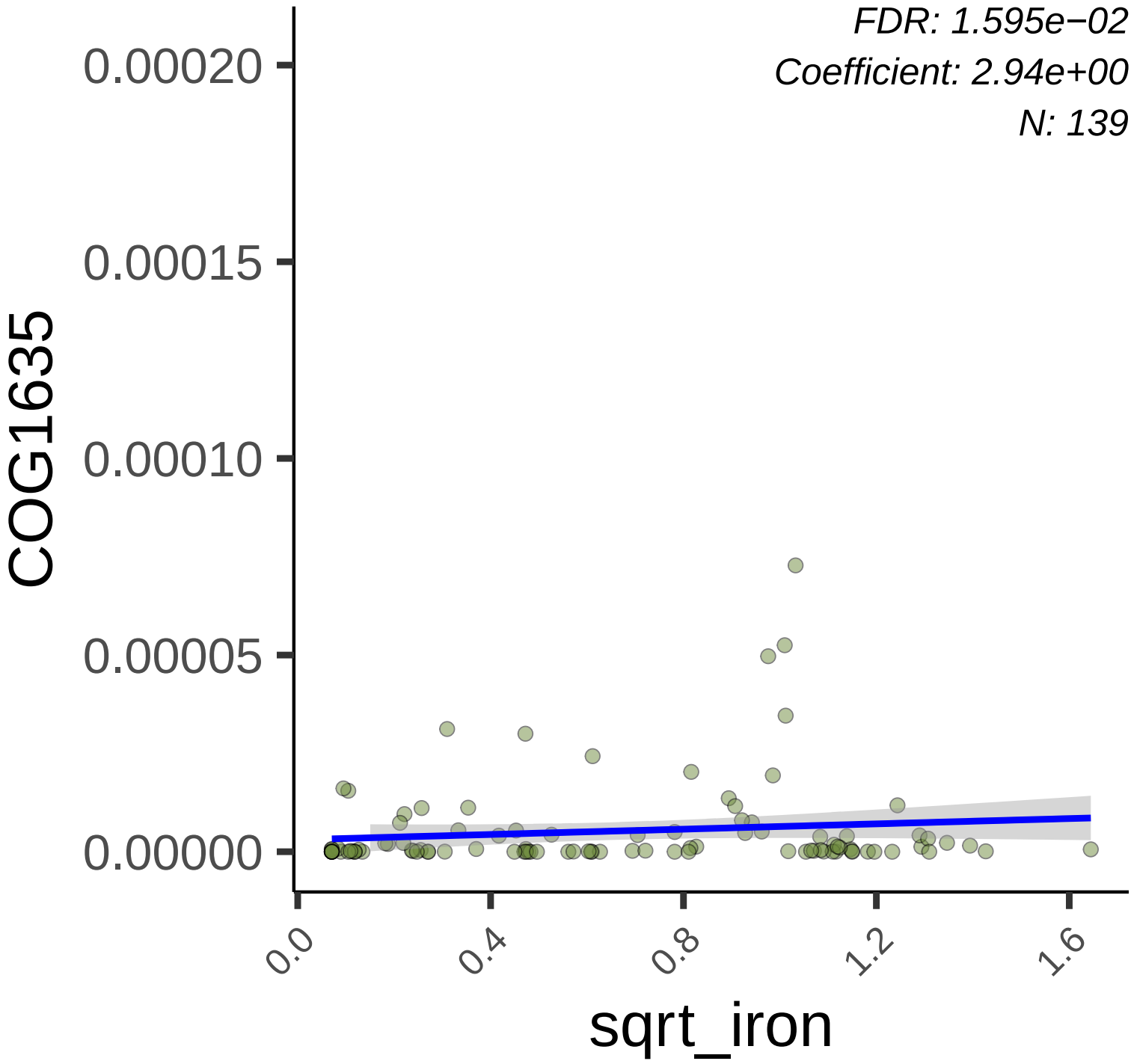
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.595e−02
Coefficient: 2.94e+00
N: 139
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COG1635
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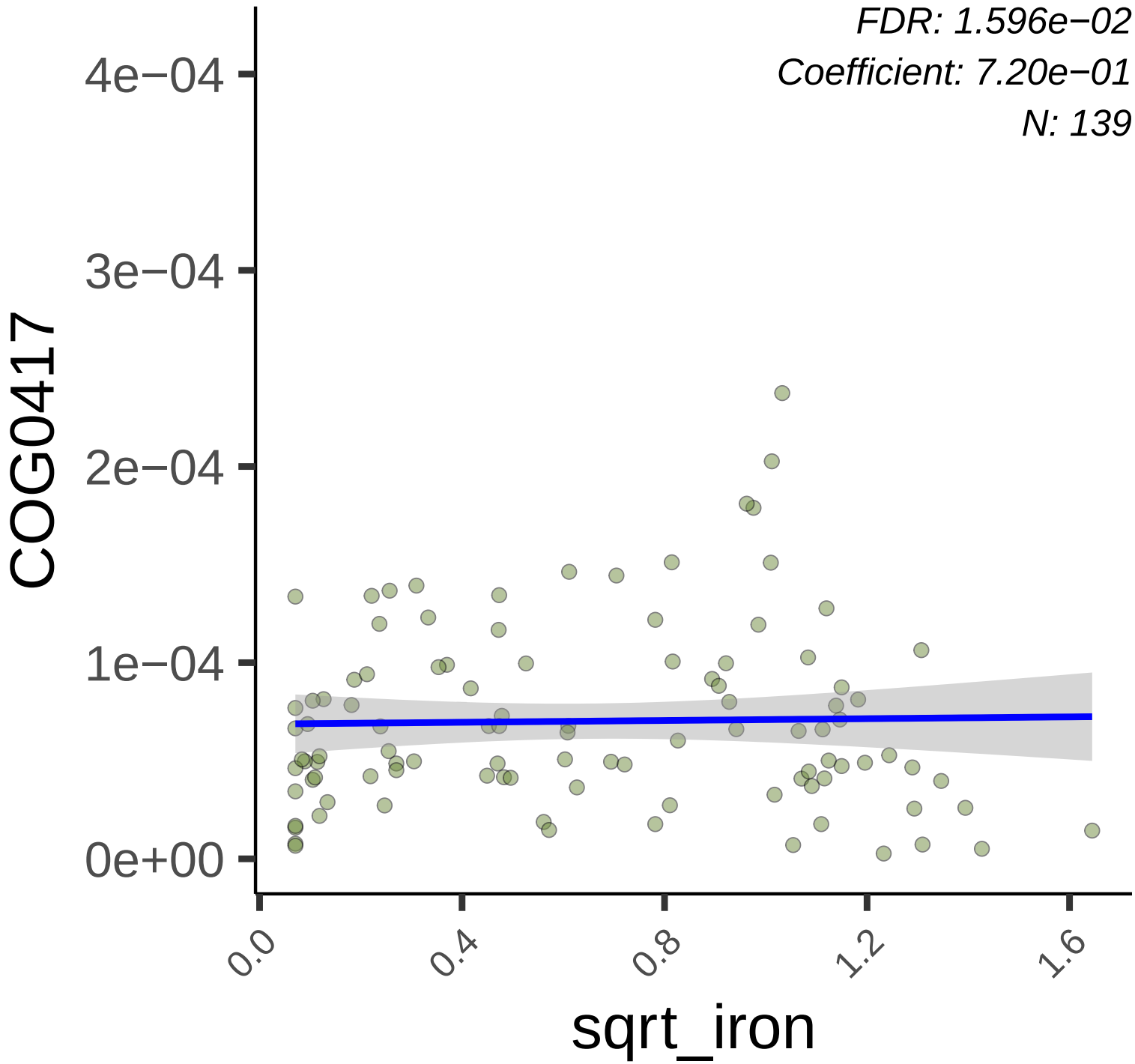
1.2
1.6
sqrt_iron


FDR: 1.596e−02
Coefficient: 7.20e−01
N: 139
COG0417
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2e−04
1e−04
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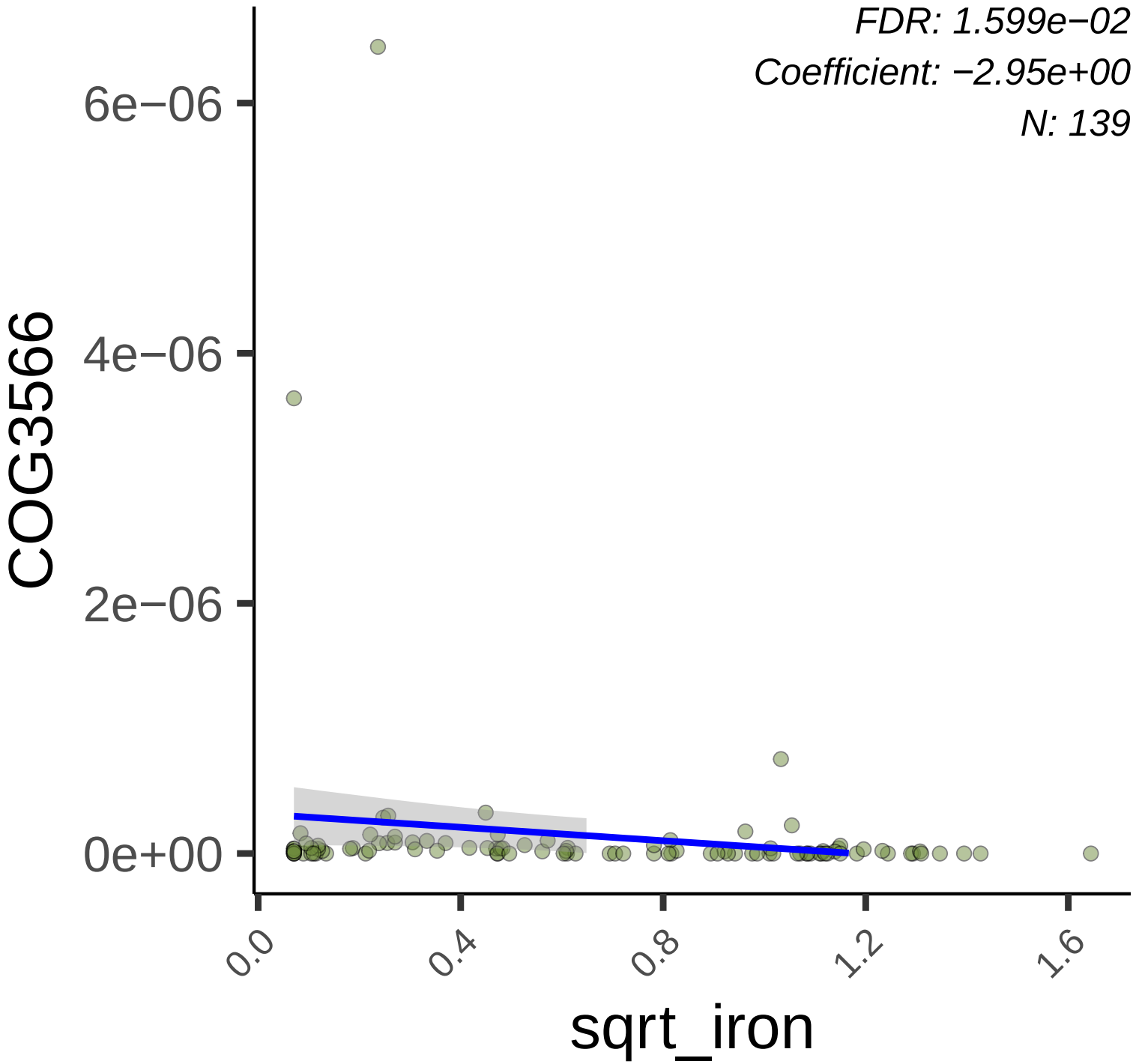
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.599e−02
Coefficient: −2.95e+00
N: 139
COG3566
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4e−06
2e−06
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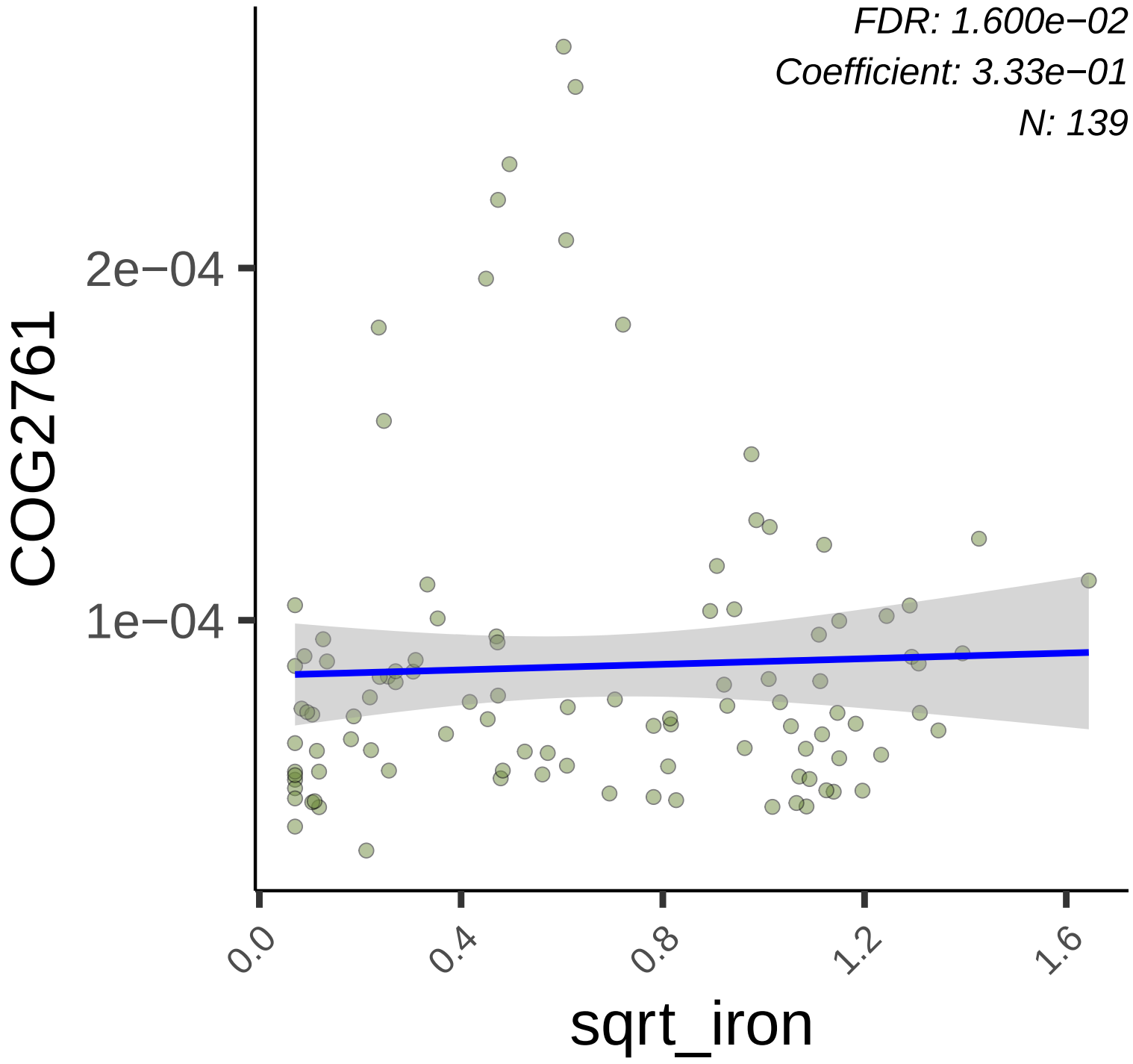
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.600e−02
Coefficient: 3.33e−01
N: 139
COG2761
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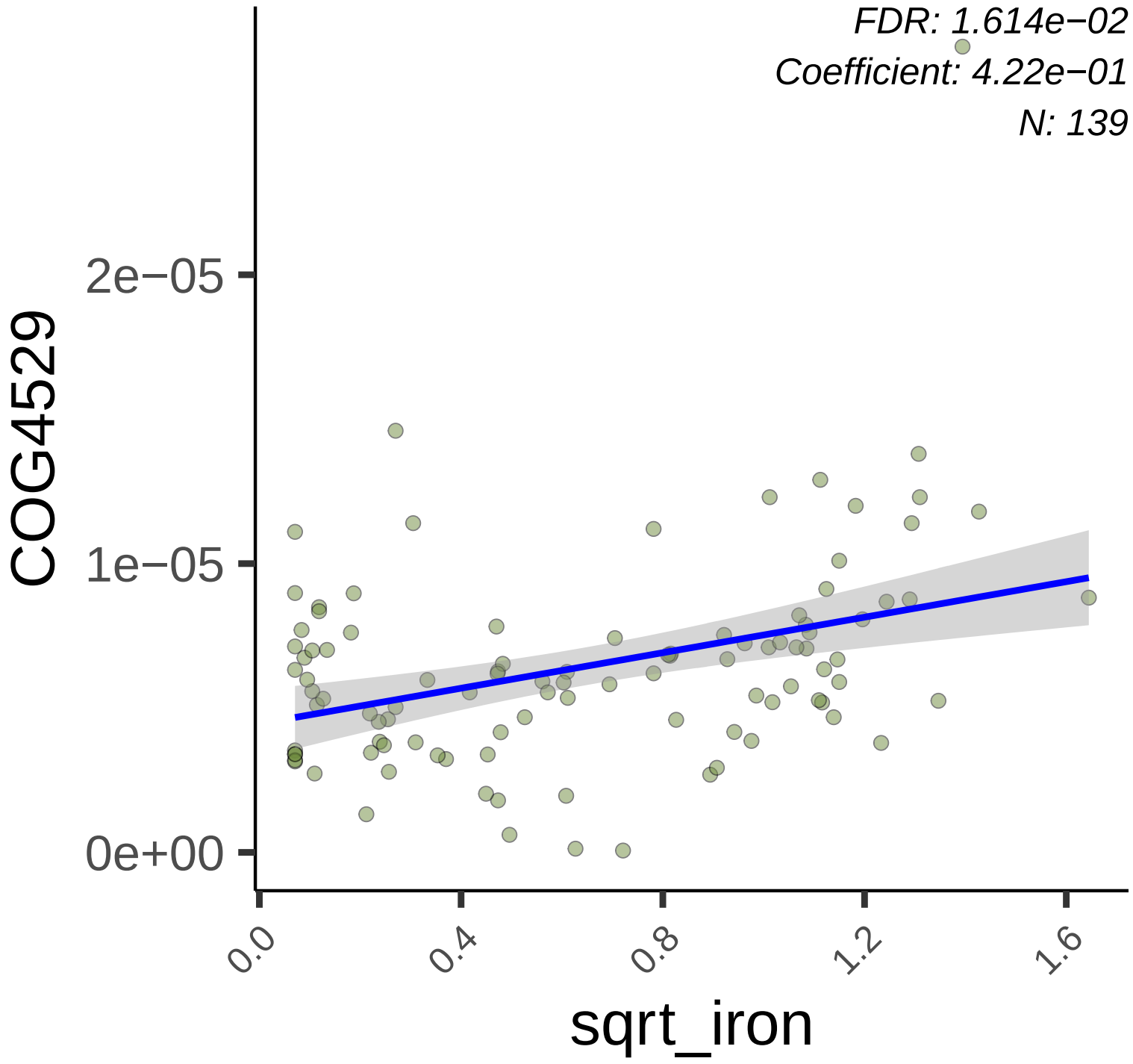
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.614e−02
Coefficient: 4.22e−01
N: 139
COG4529
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1e−05
0e+00
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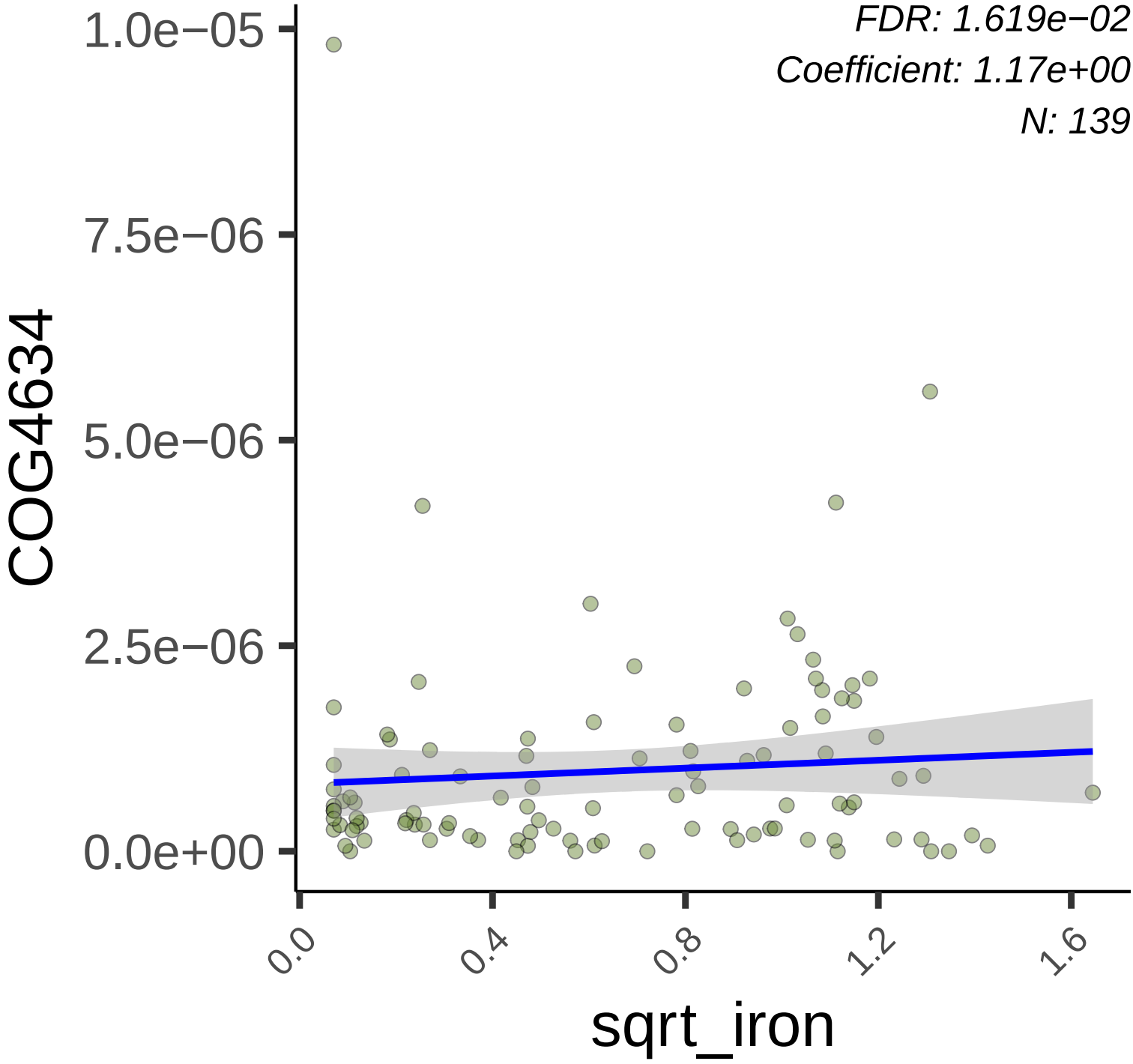
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.619e−02
Coefficient: 1.17e+00
N: 139
1.0e−05
7.5e−06
5.0e−06
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0.0e+00
COG4634
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0.4
0.8
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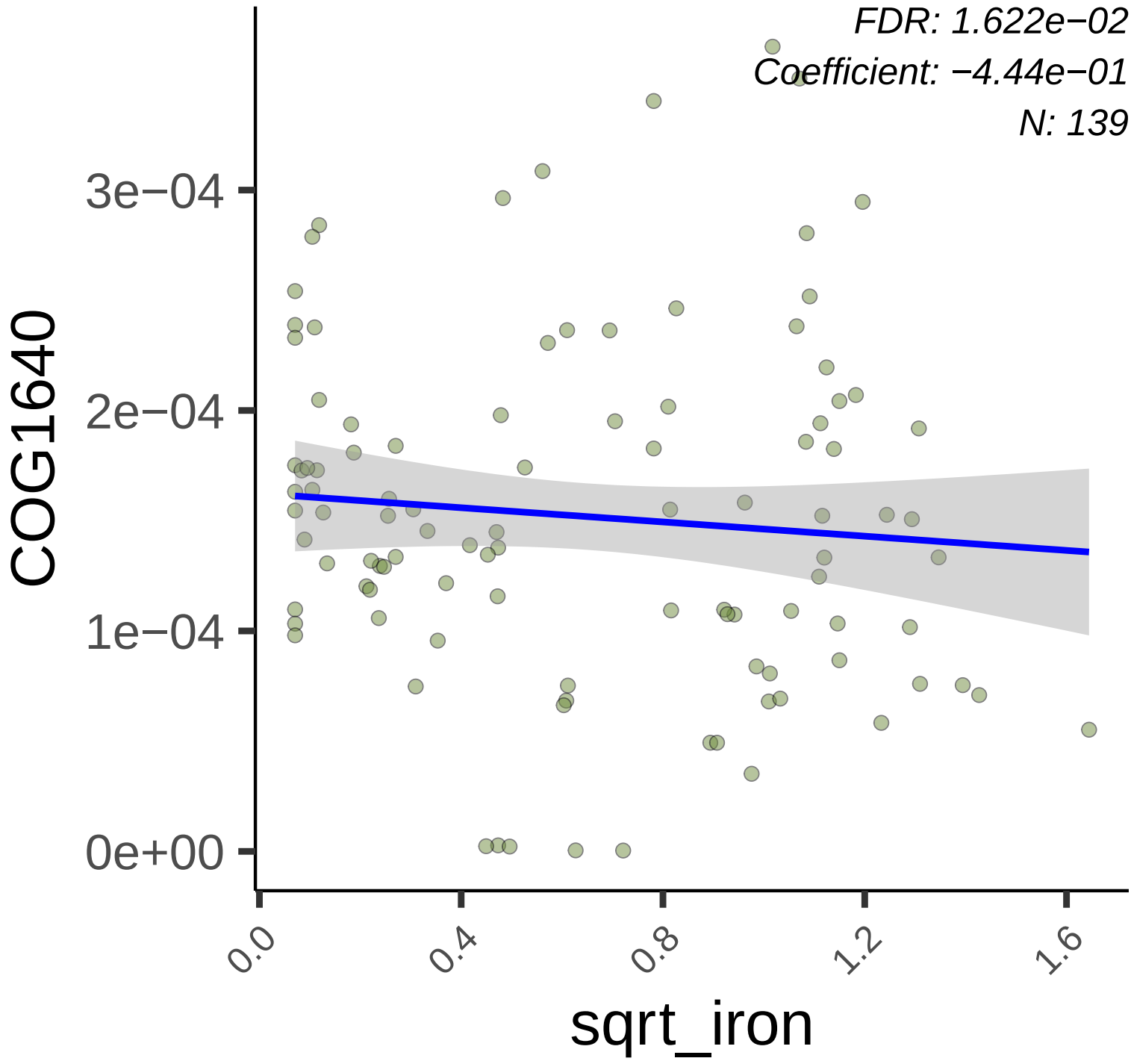
1.6
sqrt_iron


FDR: 1.622e−02
Coefficient: −4.44e−01
N: 139
COG1640
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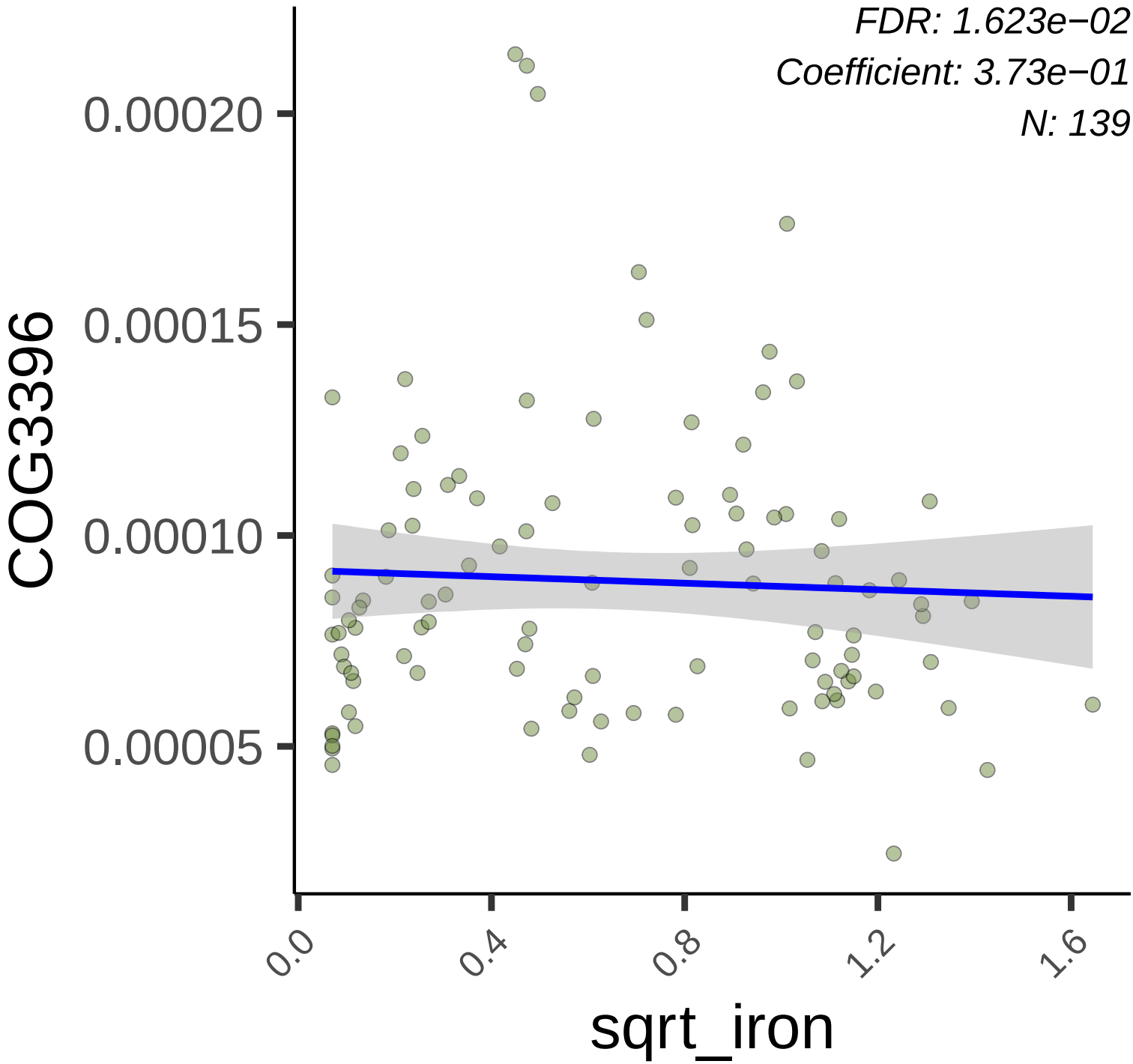
1.6
sqrt_iron


FDR: 1.623e−02
Coefficient: 3.73e−01
N: 139
COG3396
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0.4
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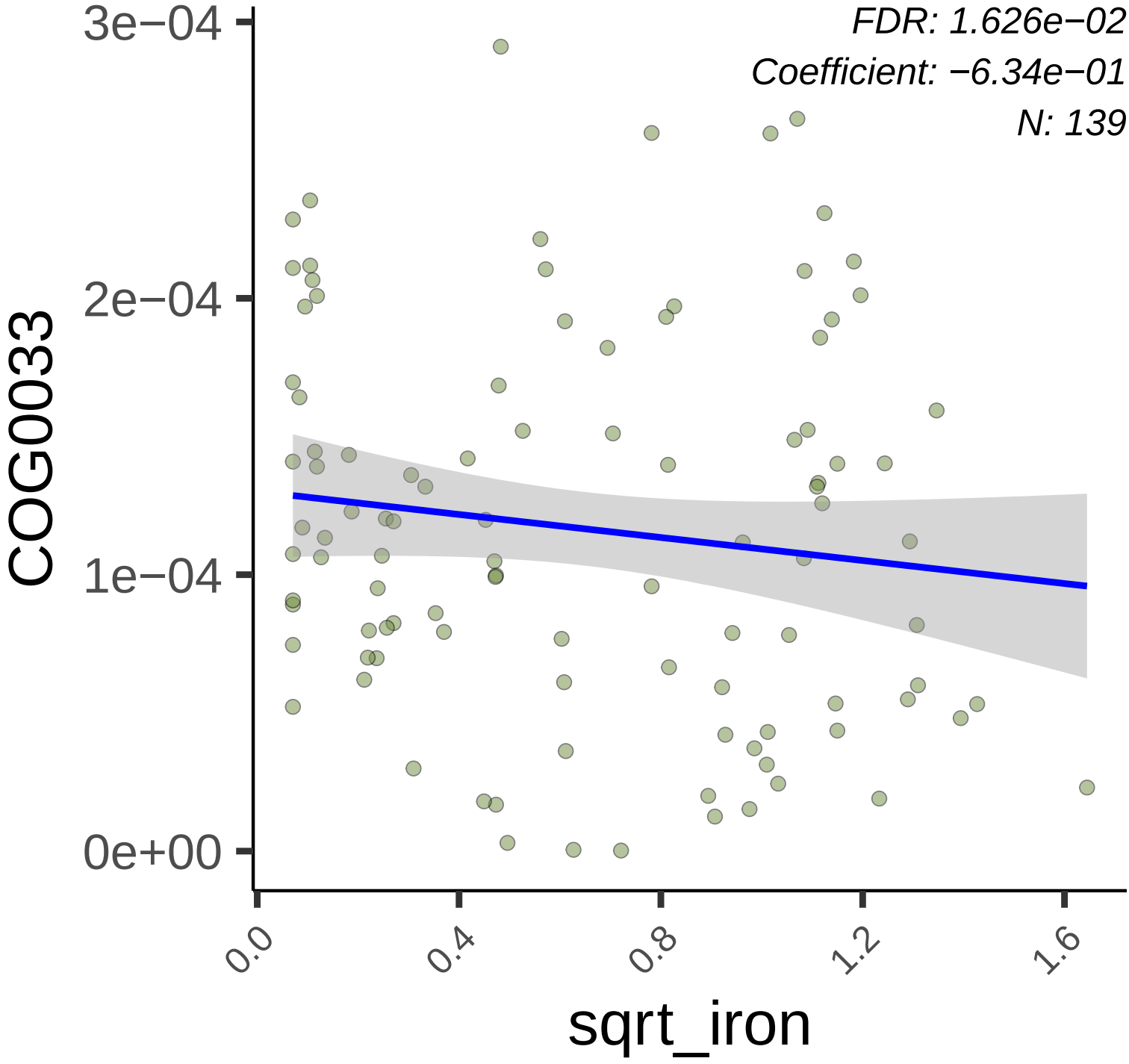
1.6
sqrt_iron


FDR: 1.626e−02
Coefficient: −6.34e−01
N: 139
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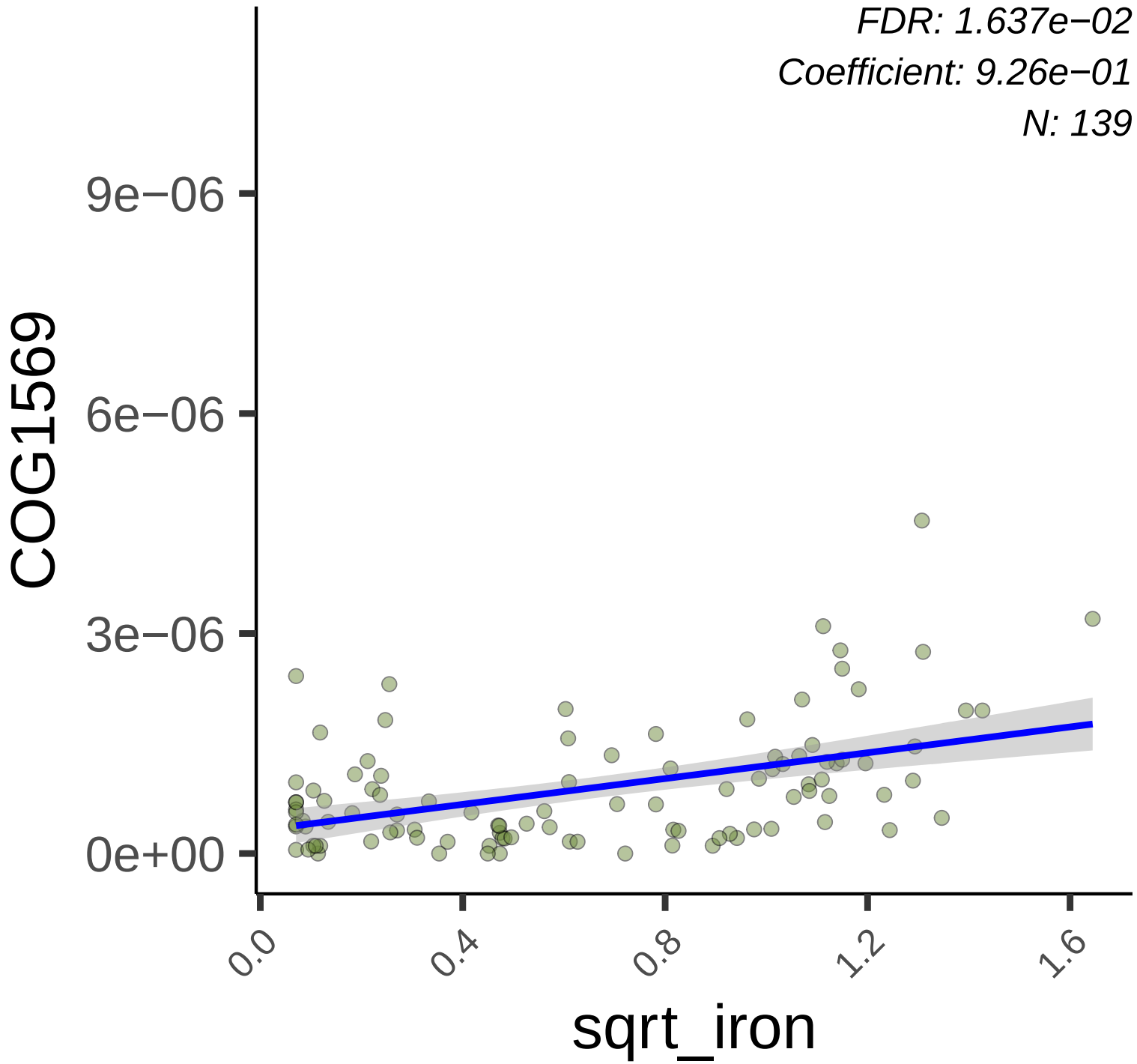
sqrt_iron


FDR: 1.637e−02
Coefficient: 9.26e−01
N: 139
COG1569
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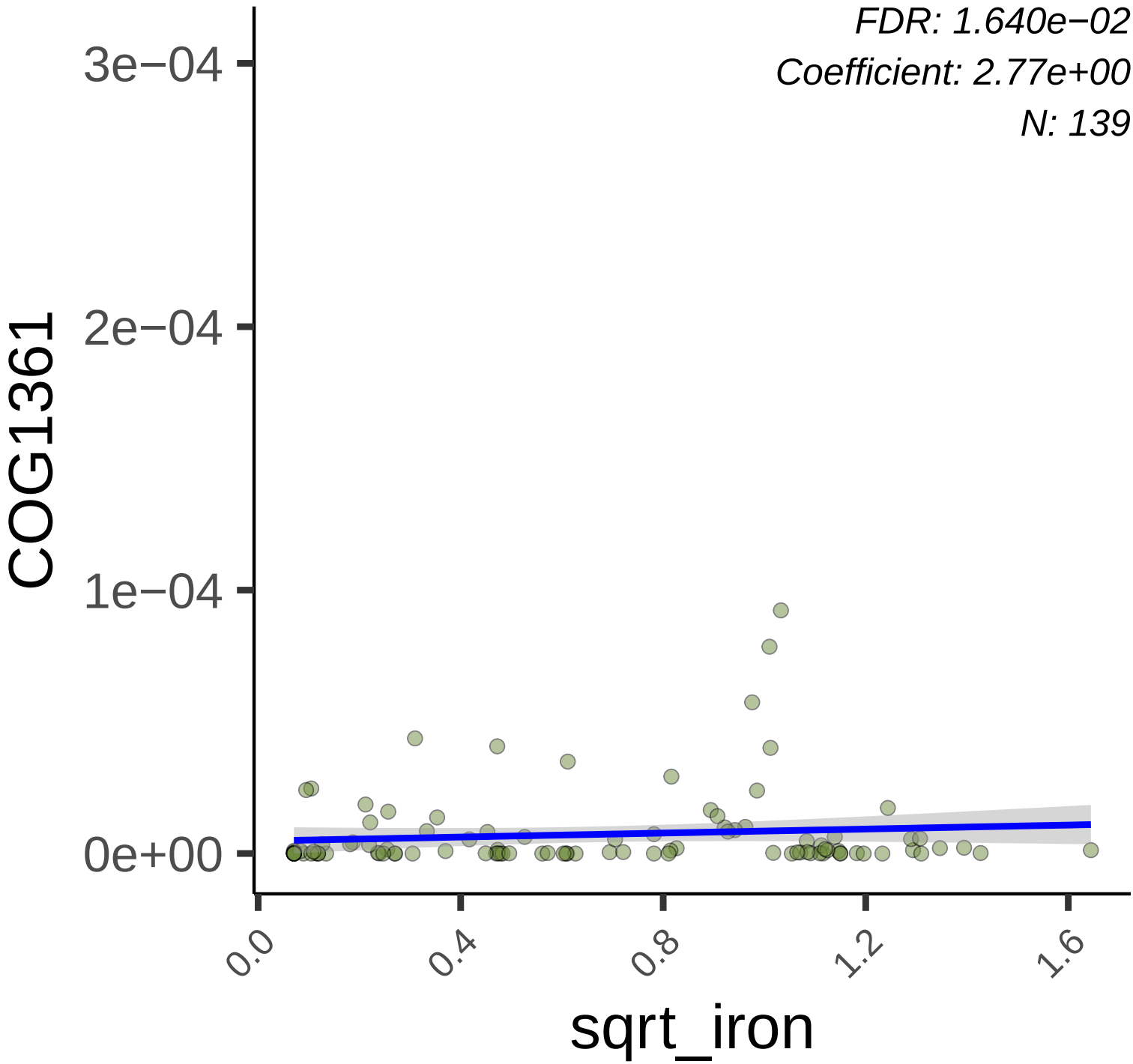
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.640e−02
Coefficient: 2.77e+00
N: 139
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1e−04
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0.4
0.8
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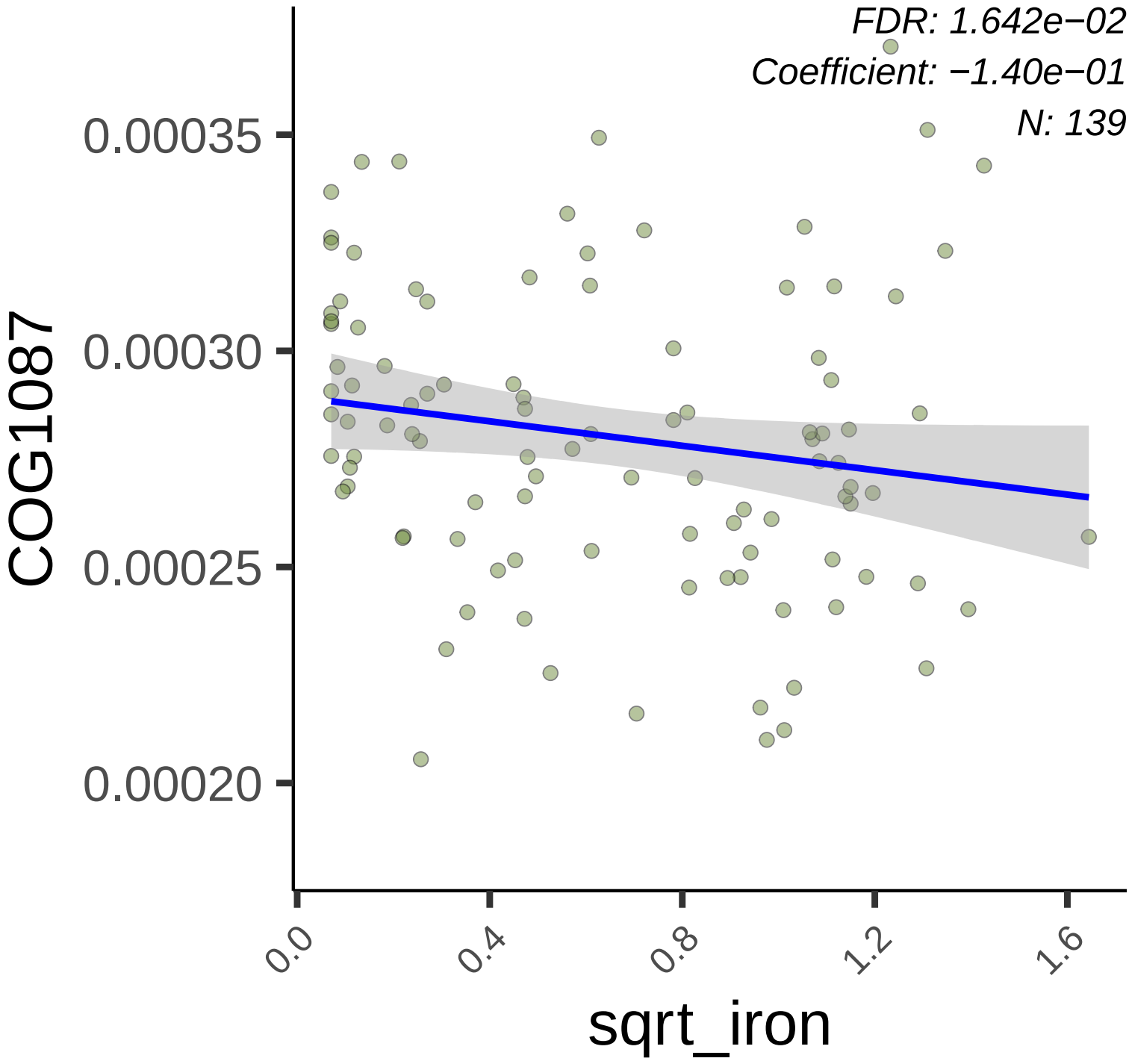
1.6
sqrt_iron


FDR: 1.642e−02
Coefficient: −1.40e−01
N: 139
COG1087
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0.00020
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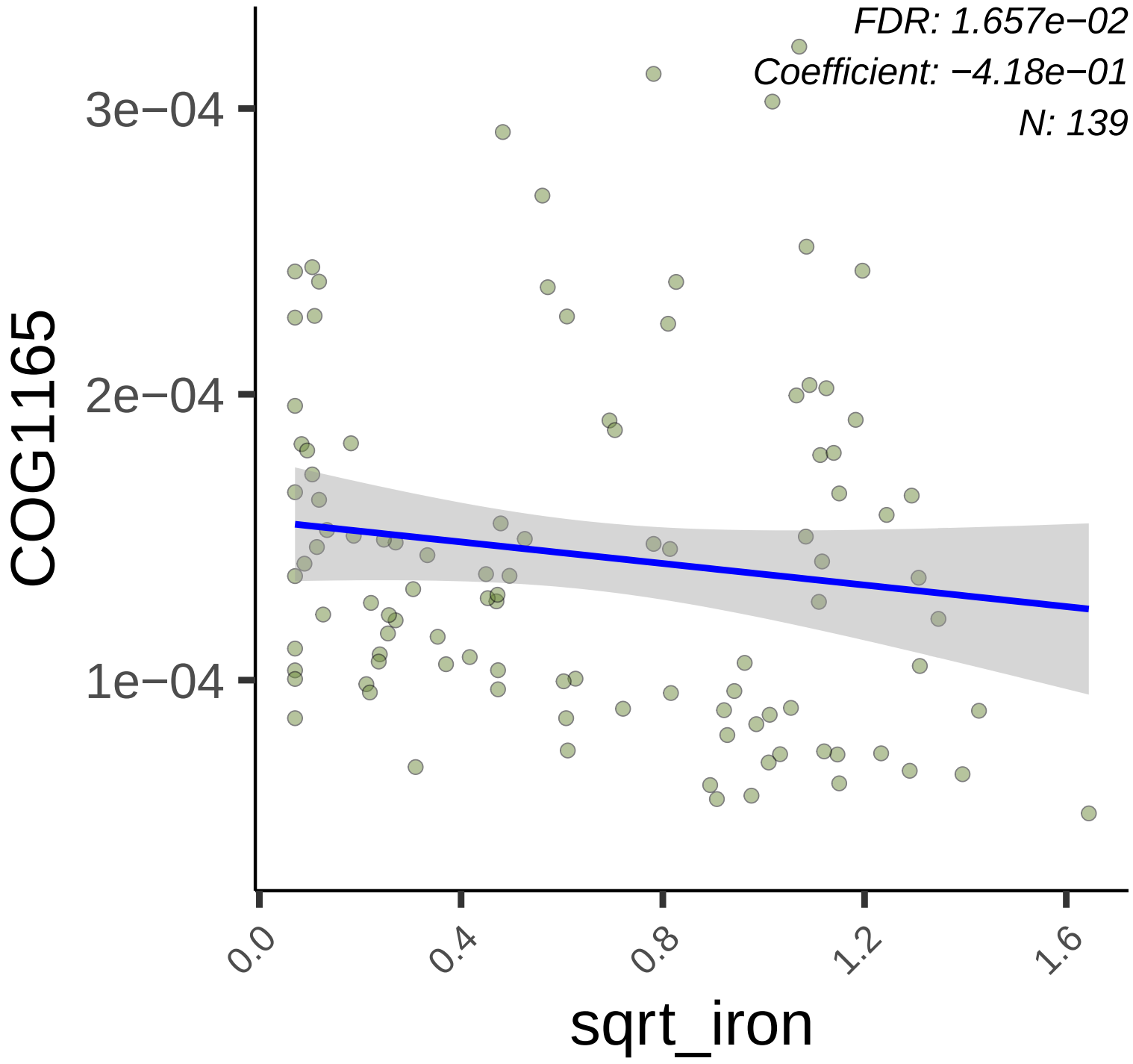
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.657e−02
Coefficient: −4.18e−01
N: 139
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2e−04
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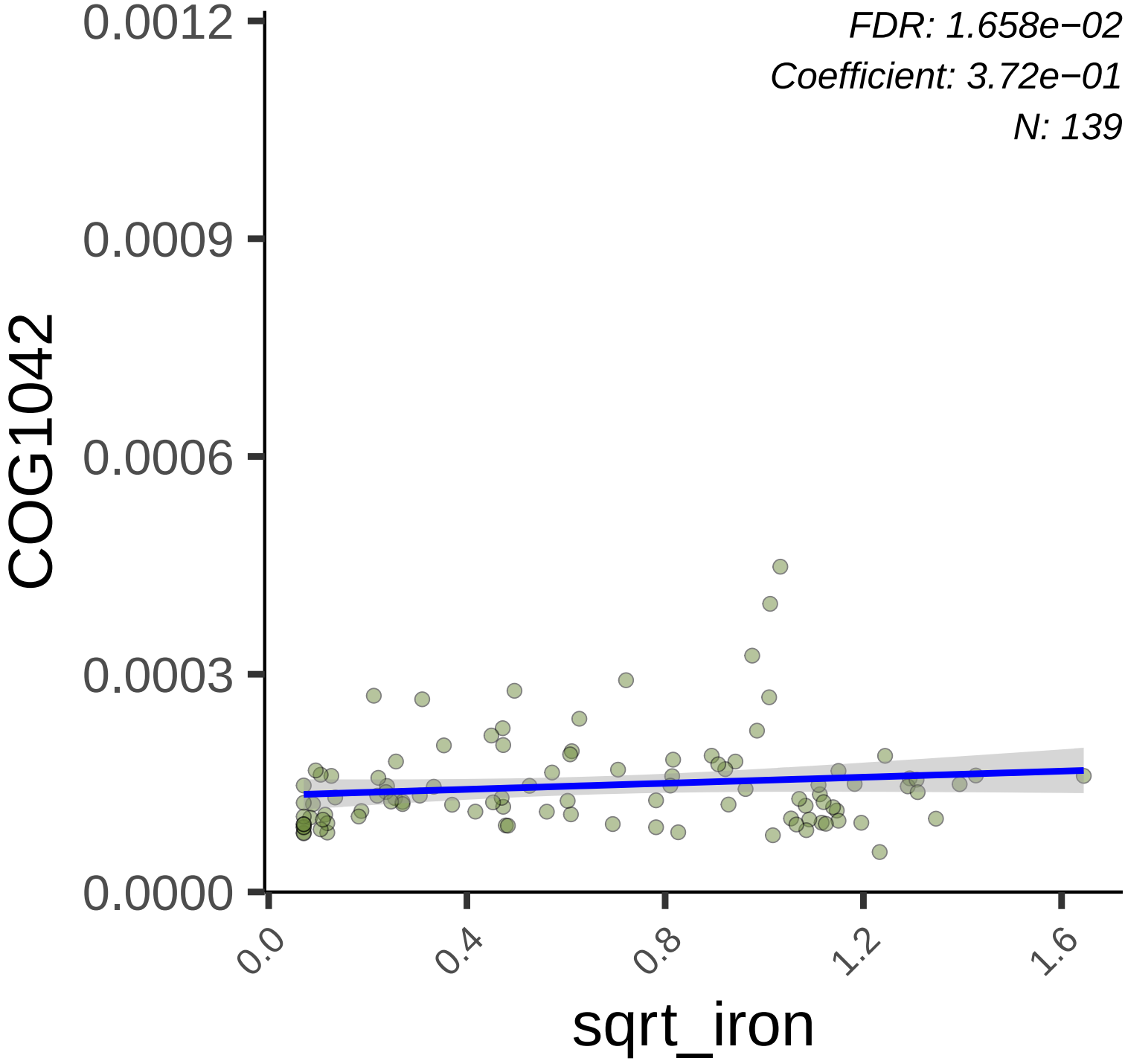
COG1165
0.0
0.4
0.8
1.2
1.6
sqrt_iron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Coefficient: 3.72e−01
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0.0000
COG1042
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0.4
0.8
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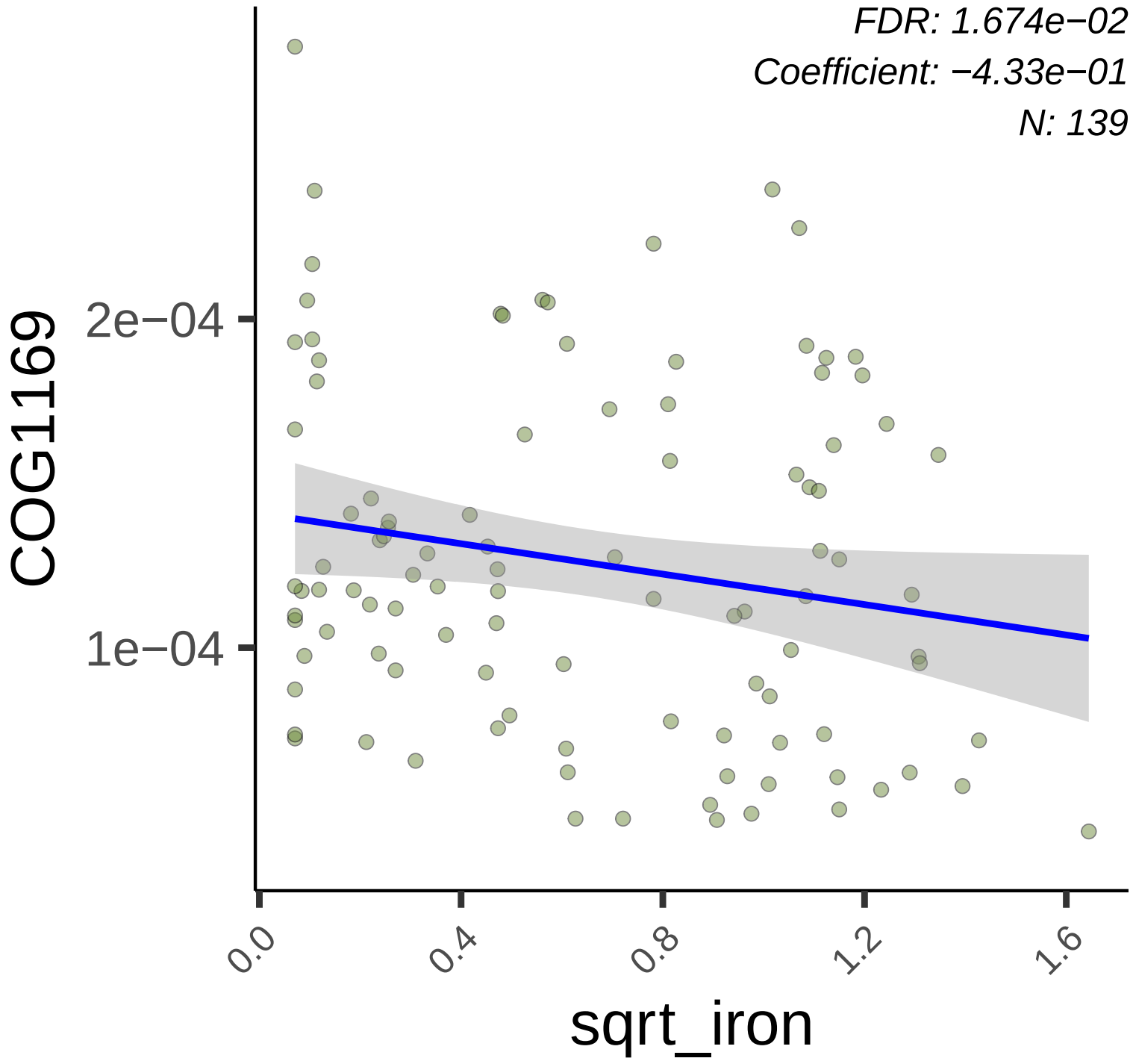
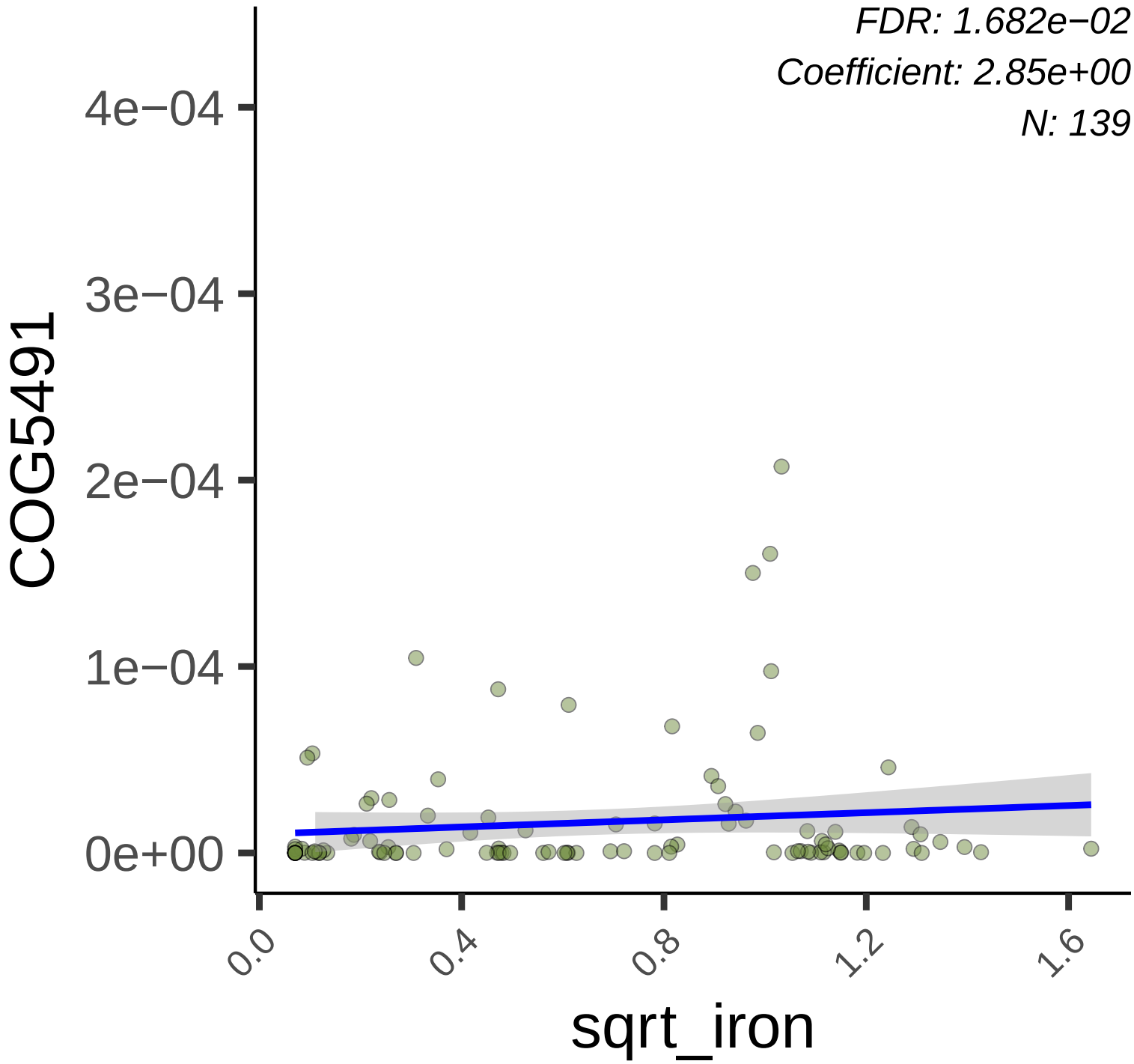
1.6
sqrt_iron


FDR: 1.674e−02
Coefficient: −4.33e−01
N: 139
COG1169
2e−04
1e−04
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.682e−02
Coefficient: 2.85e+00
N: 139
COG5491
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2e−04
1e−04
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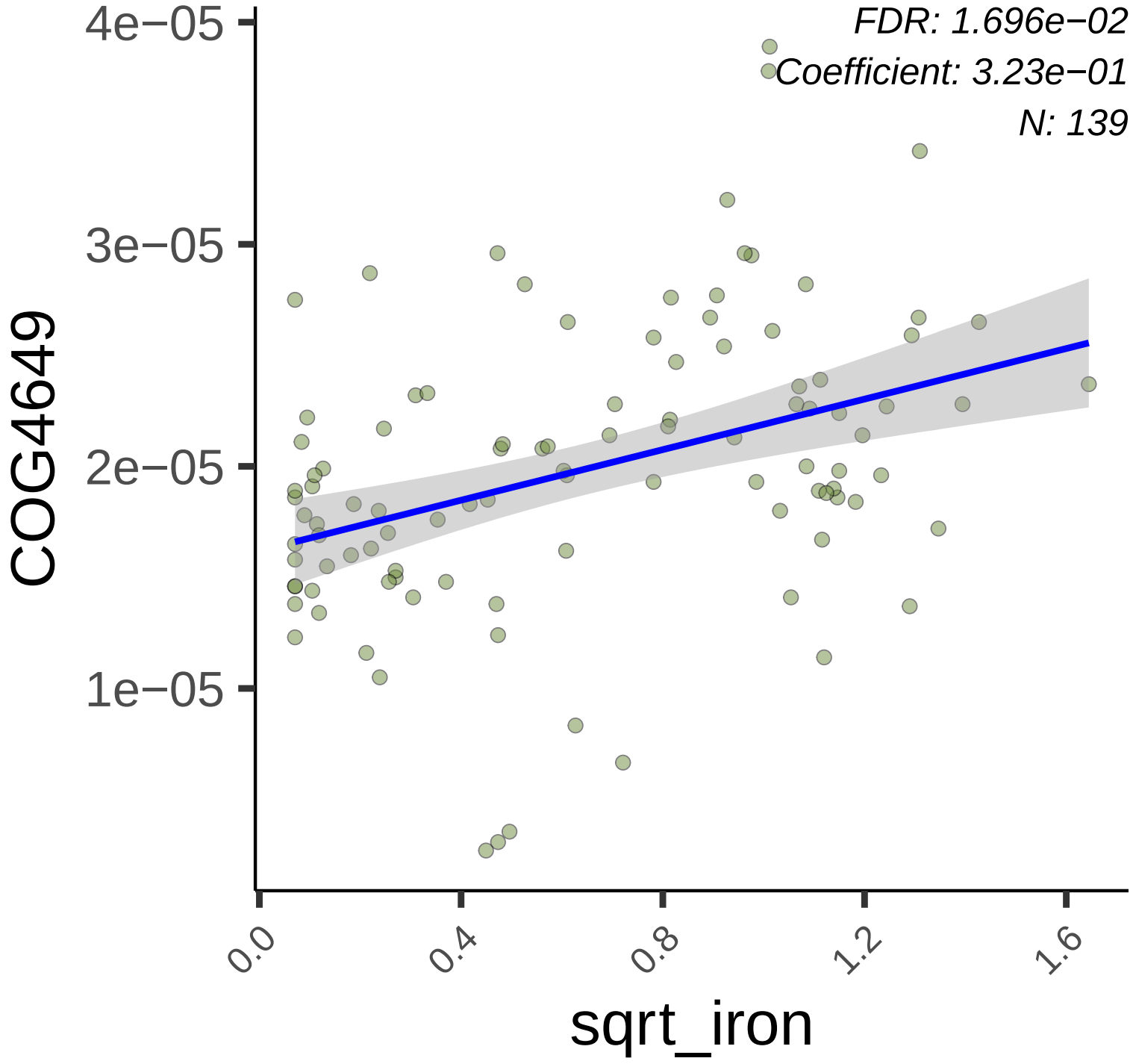
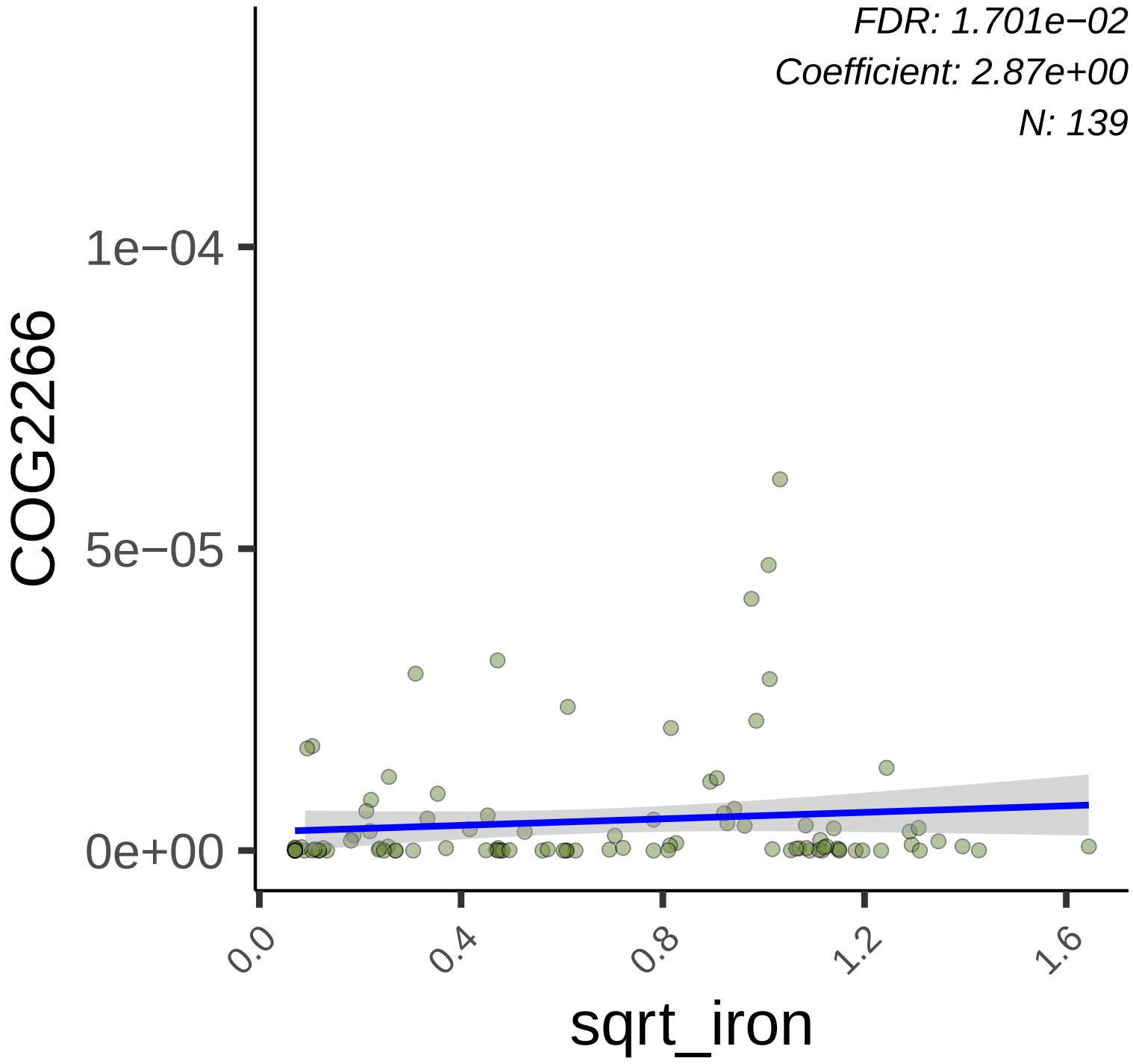
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.696e−02
Coefficient: 3.23e−01
N: 139
4e−05
3e−05
2e−05
1e−05
COG4649
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.701e−02
Coefficient: 2.87e+00
N: 139
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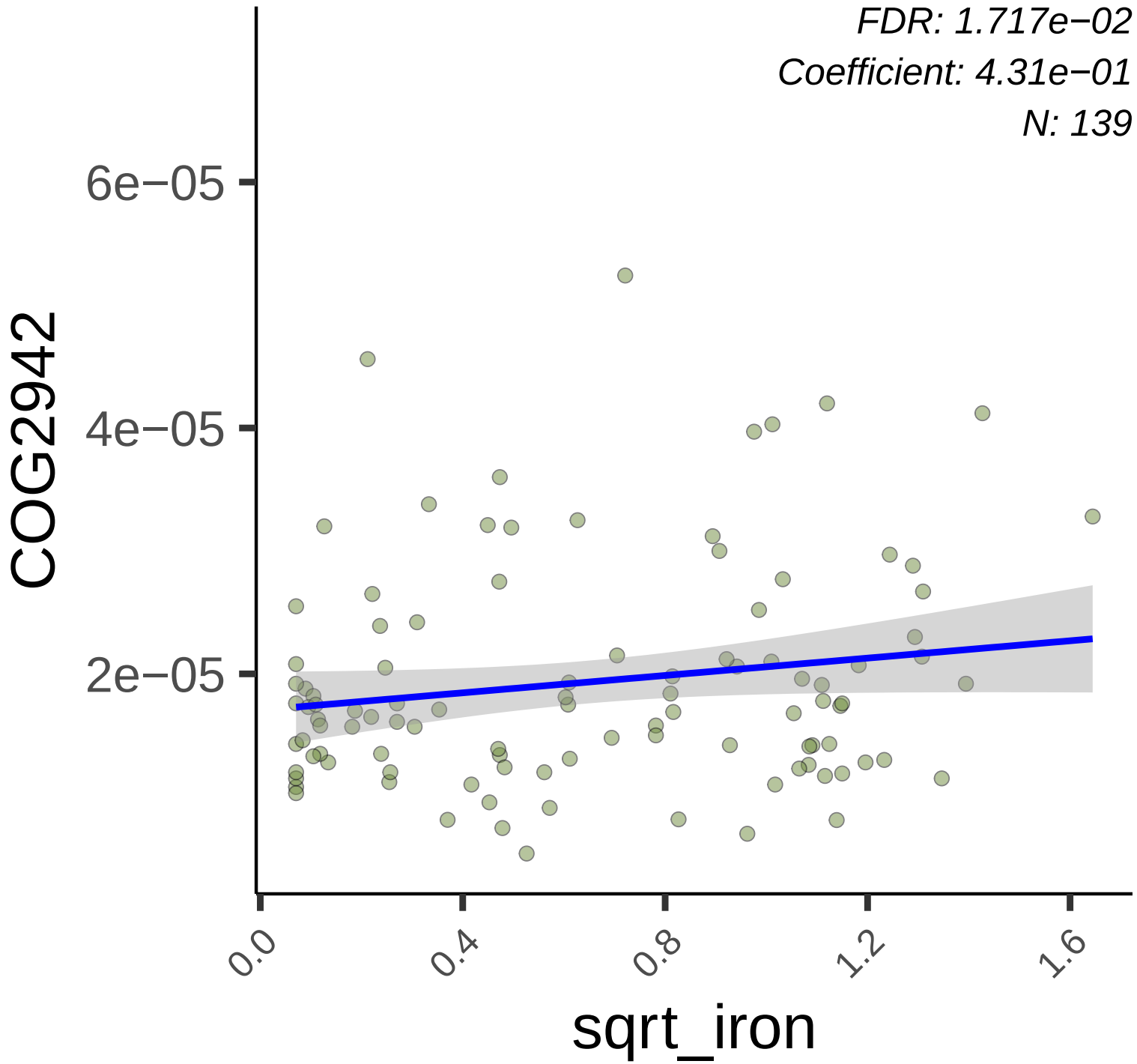
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.717e−02
Coefficient: 4.31e−01
N: 139
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4e−05
2e−05
COG2942
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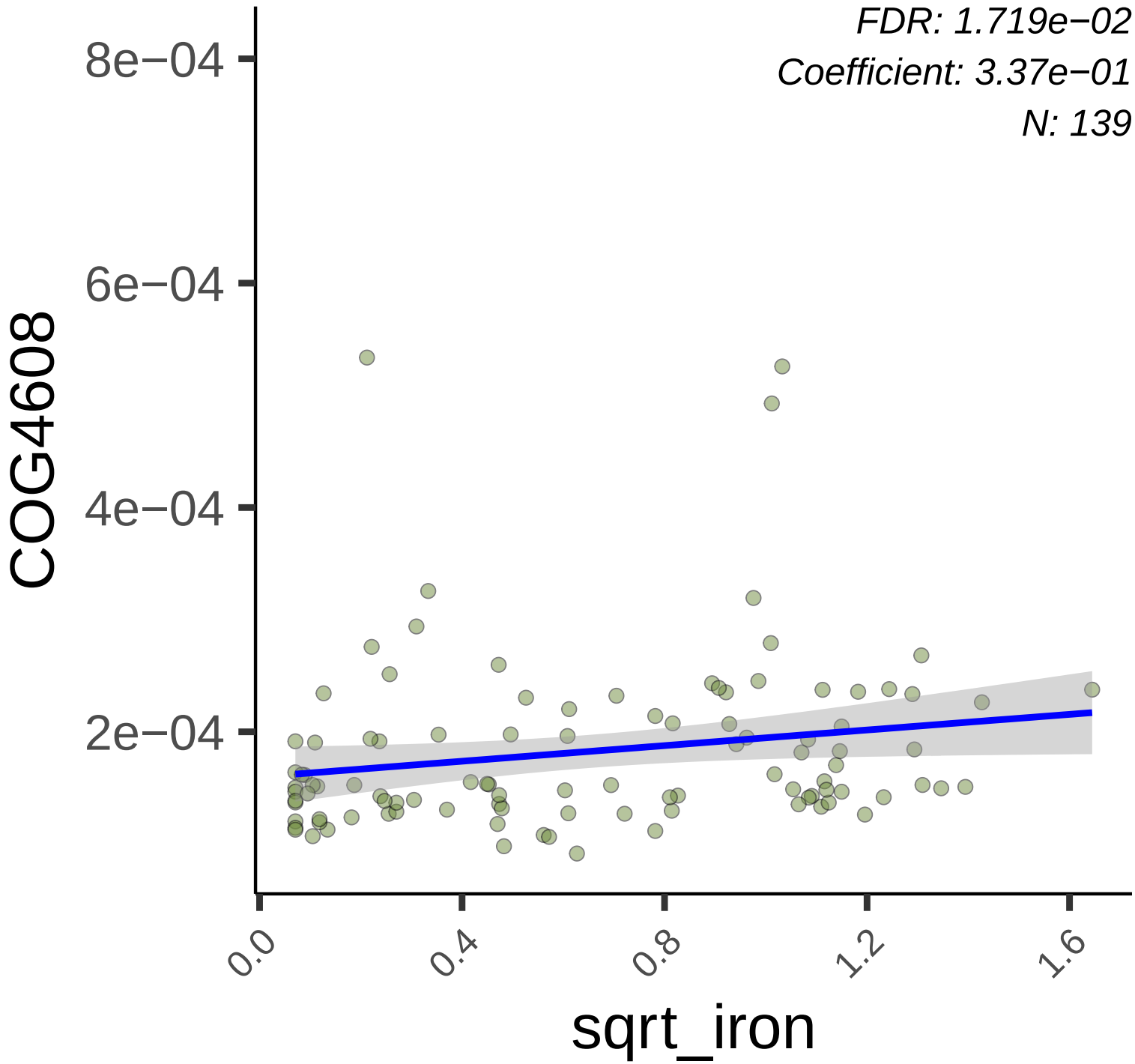
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.719e−02
Coefficient: 3.37e−01
N: 139
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6e−04
4e−04
2e−04
COG4608
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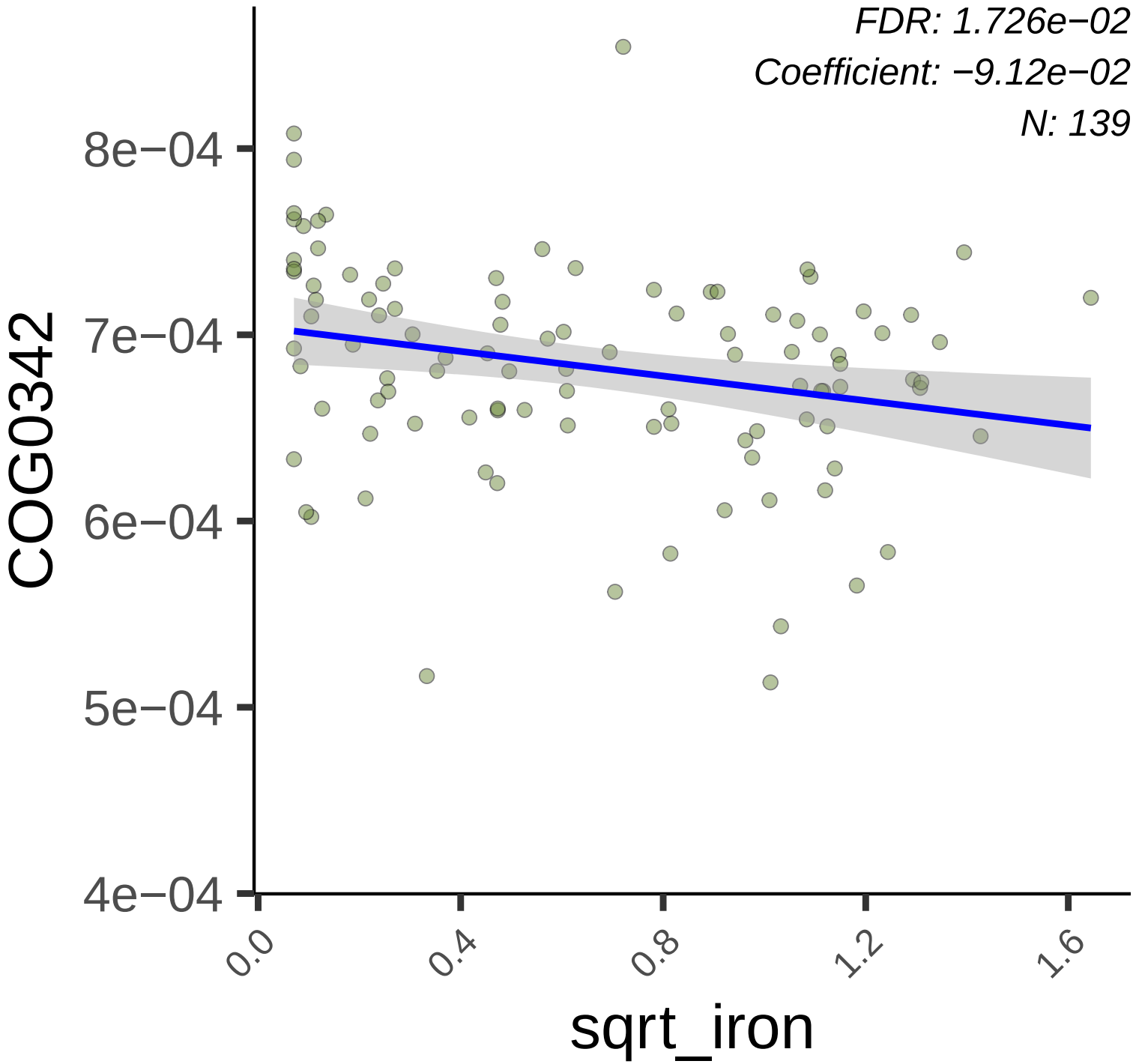
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.726e−02
Coefficient: −9.12e−02
N: 139
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7e−04
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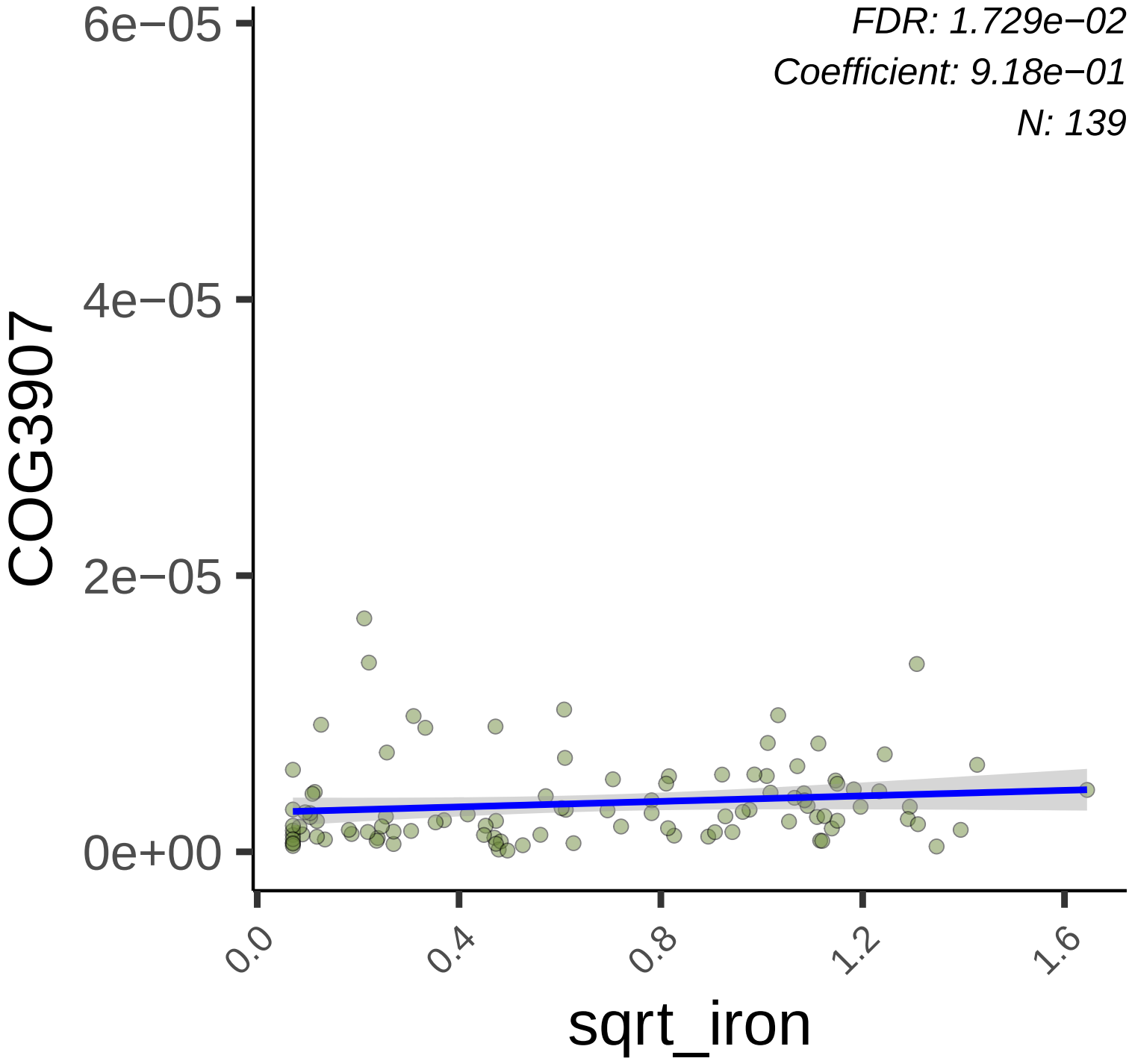
5e−04
4e−04
COG0342
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.729e−02
Coefficient: 9.18e−01
N: 139
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2e−05
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COG3907
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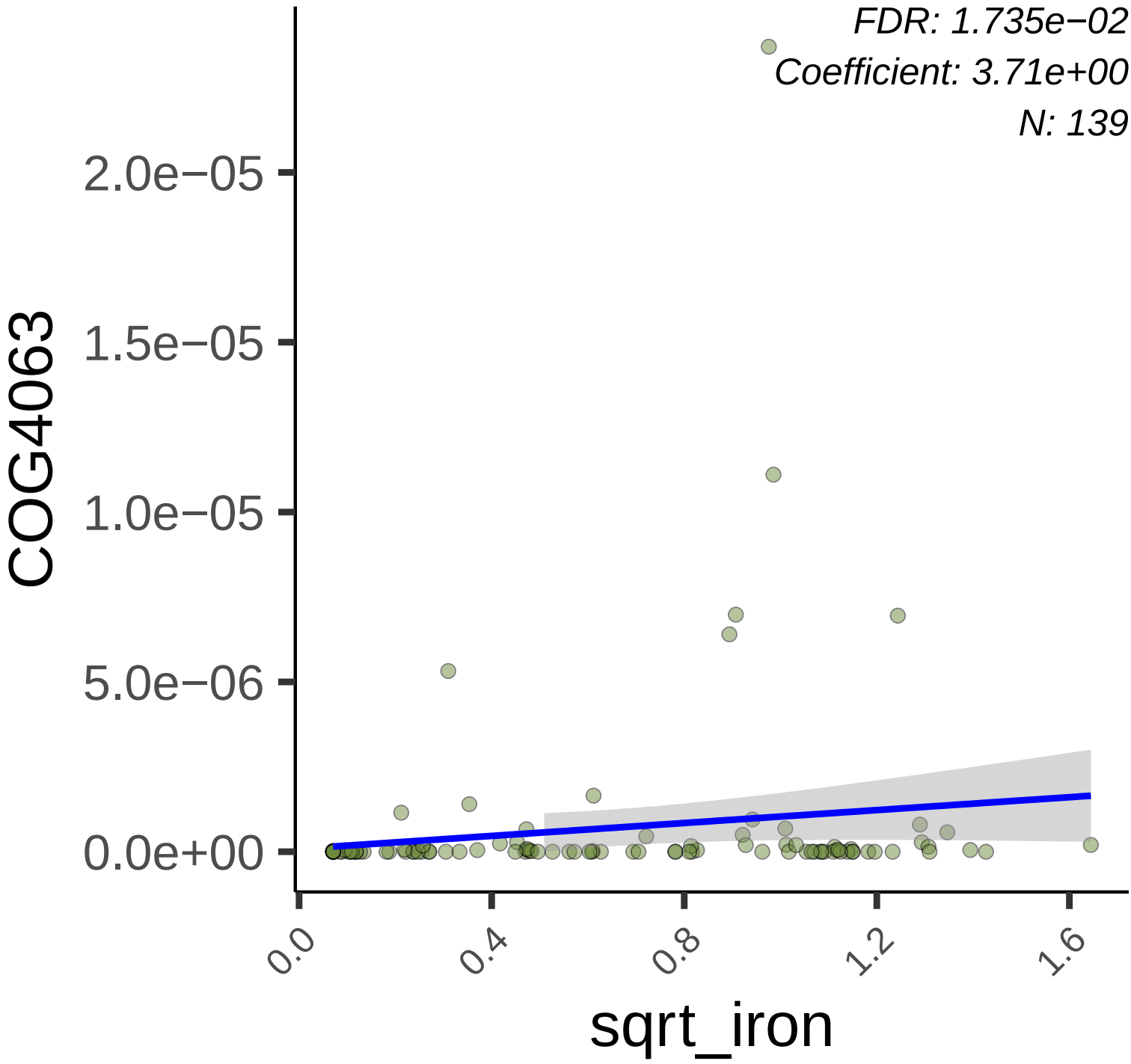
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.735e−02
Coefficient: 3.71e+00
N: 139
COG4063
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1.5e−05
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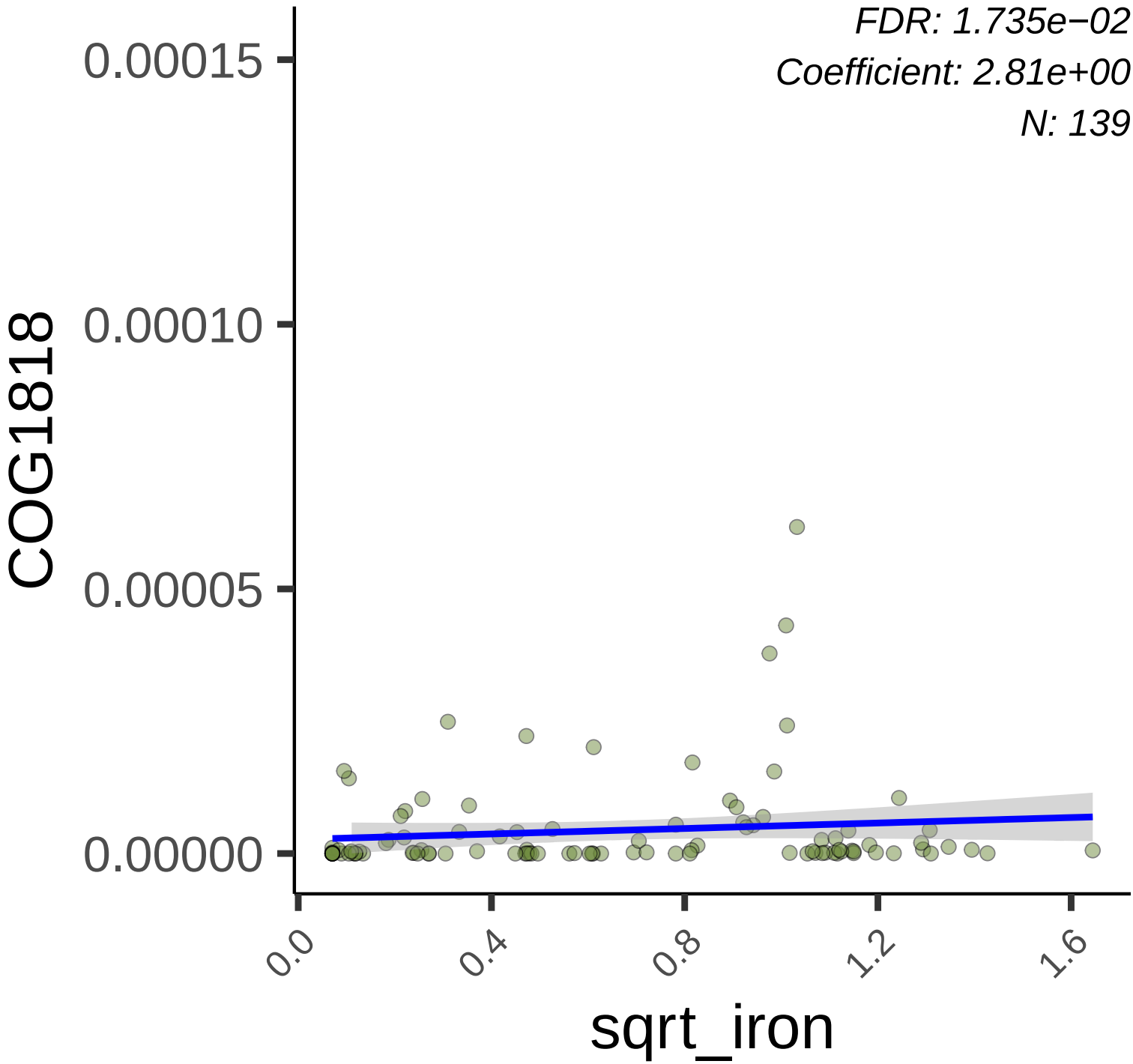
5.0e−06
0.0e+00
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.735e−02
Coefficient: 2.81e+00
N: 139
COG1818
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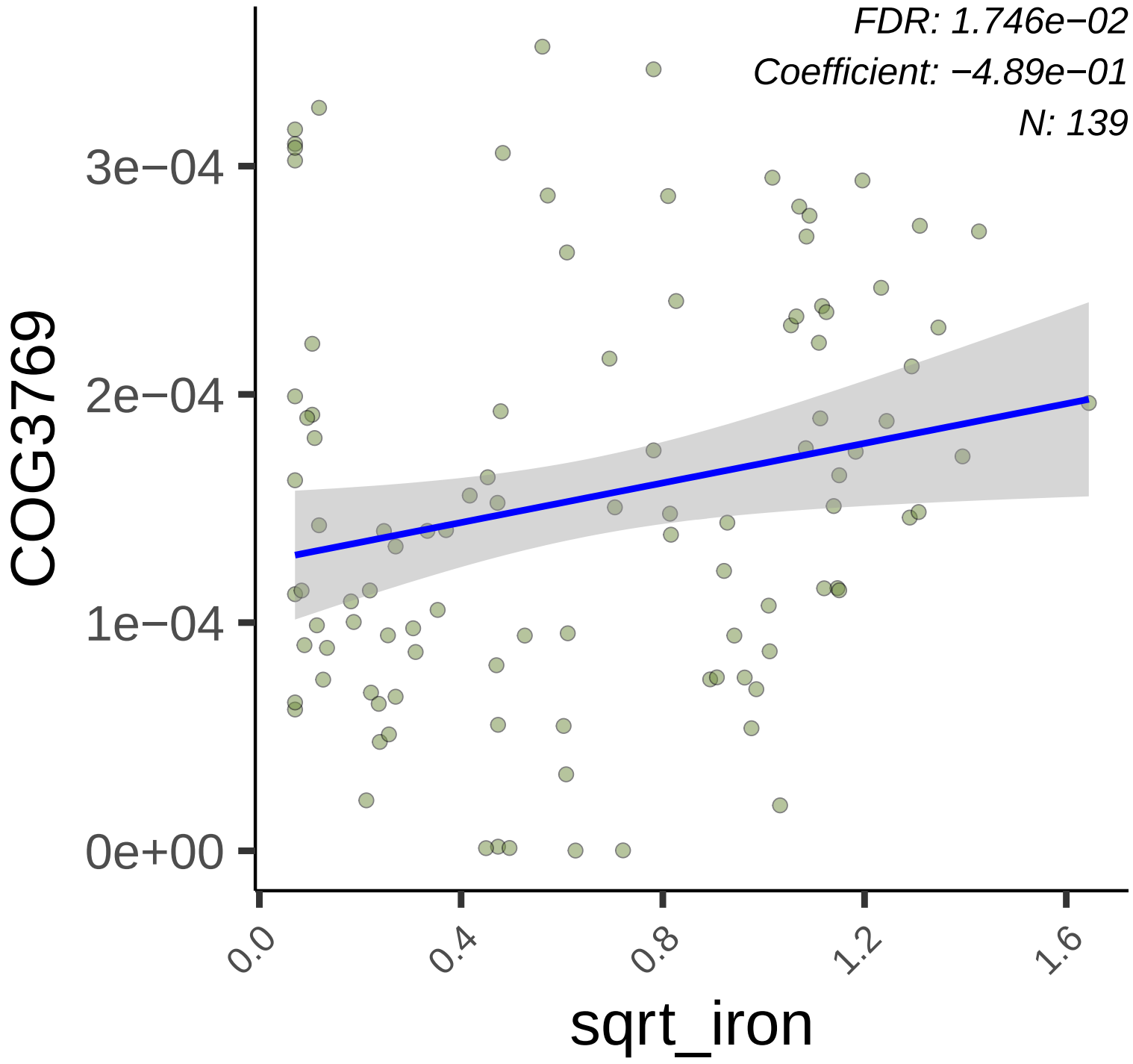
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.746e−02
Coefficient: −4.89e−01
N: 139
COG3769
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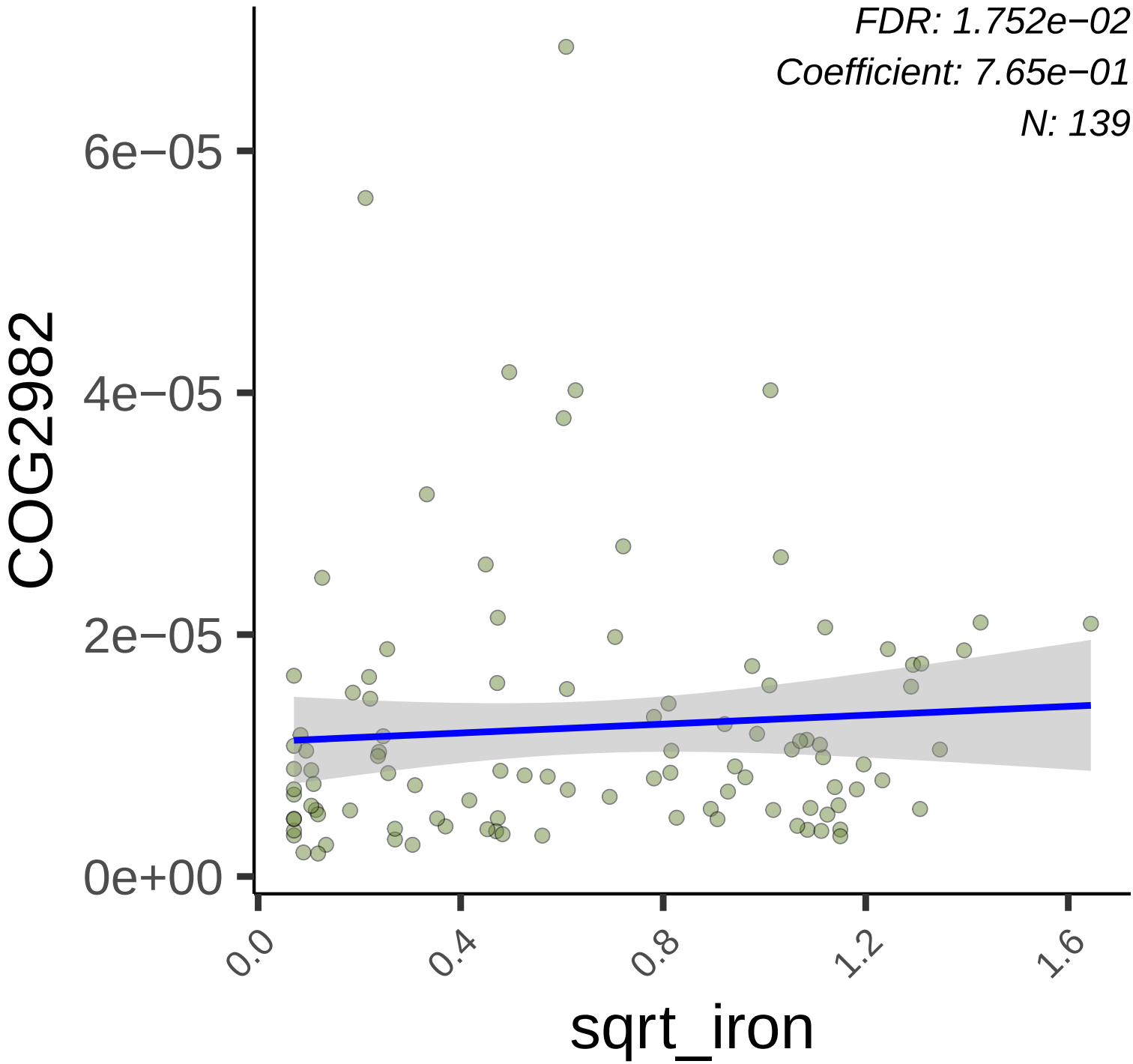
0.8
1.2
1.6
sqrt_iron


FDR: 1.752e−02
Coefficient: 7.65e−01
N: 139
COG2982
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4e−05
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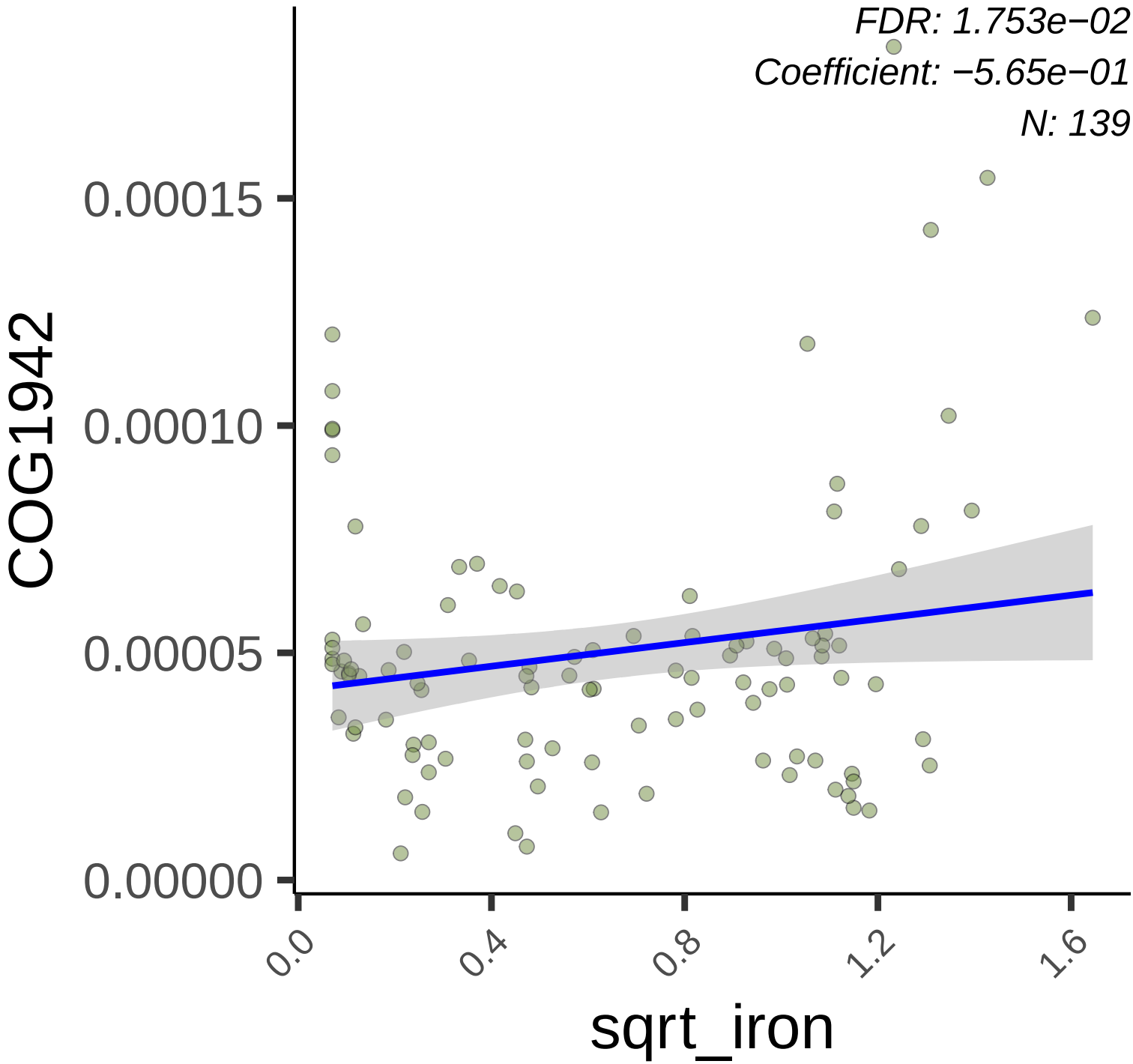
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.753e−02
Coefficient: −5.65e−01
N: 139
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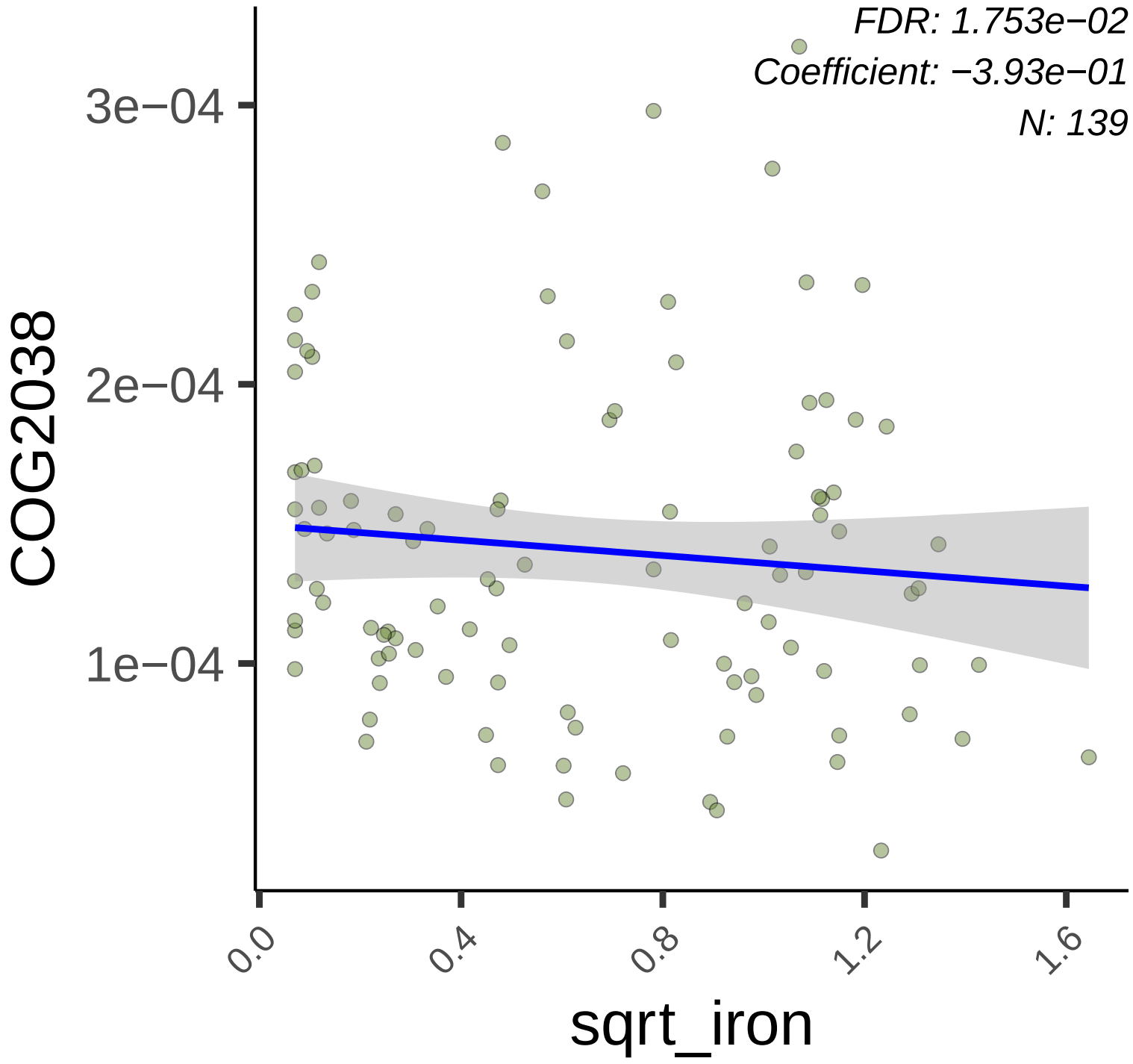
1.2
1.6
sqrt_iron


FDR: 1.753e−02
Coefficient: −3.93e−01
N: 139
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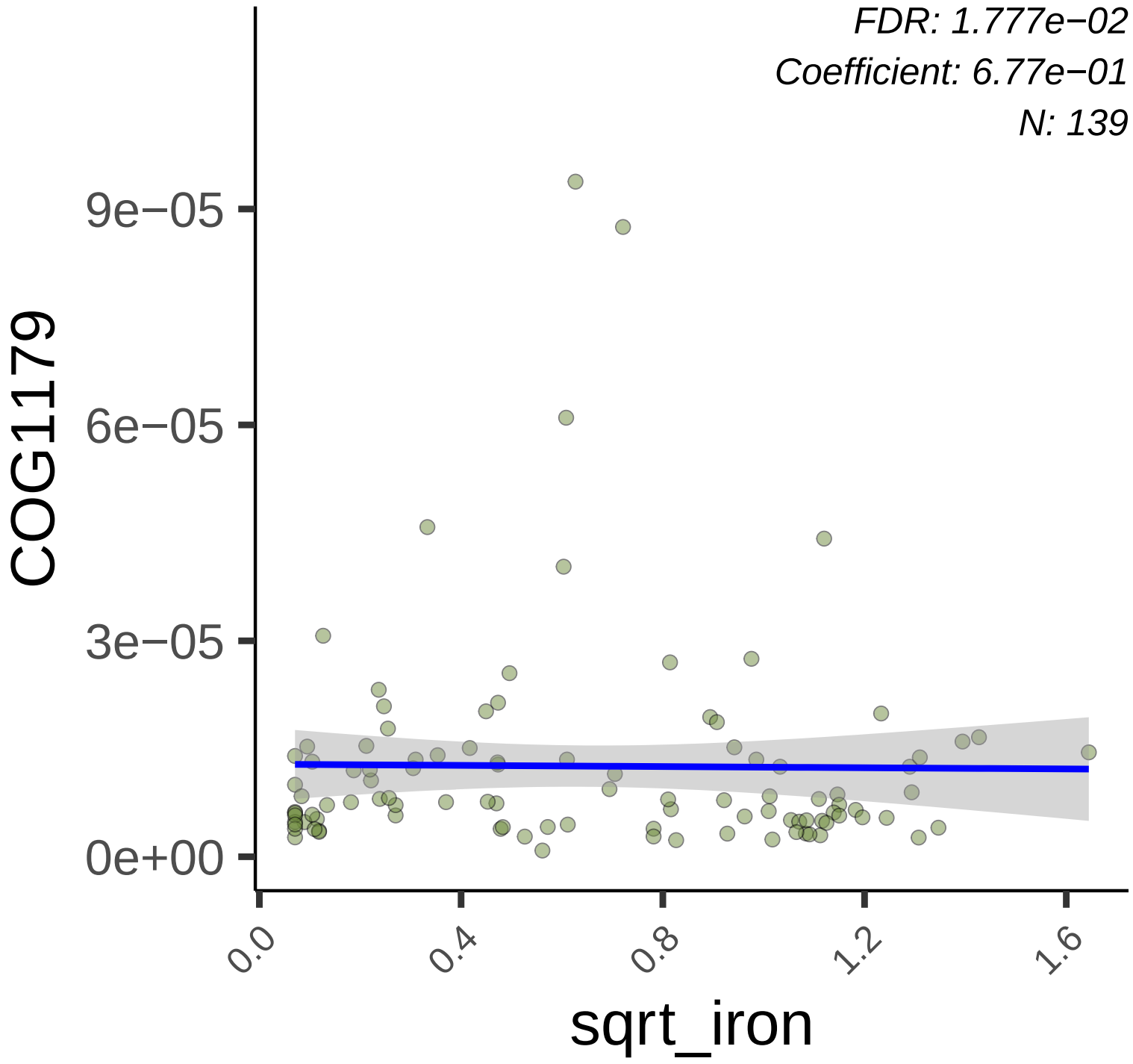
1.2
1.6
sqrt_iron


FDR: 1.777e−02
Coefficient: 6.77e−01
N: 139
COG1179
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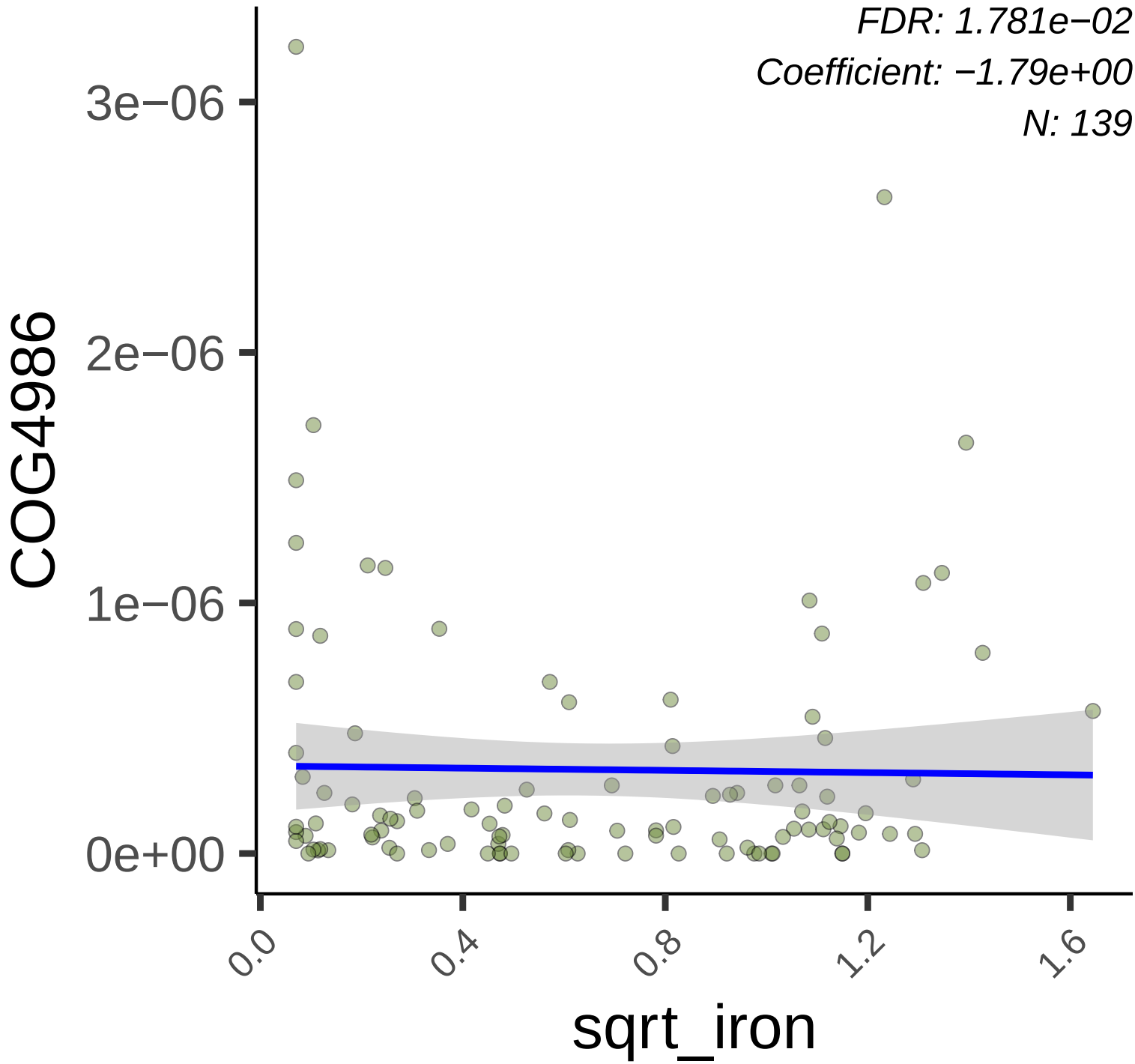
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.781e−02
Coefficient: −1.79e+00
N: 139
COG4986
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1e−06
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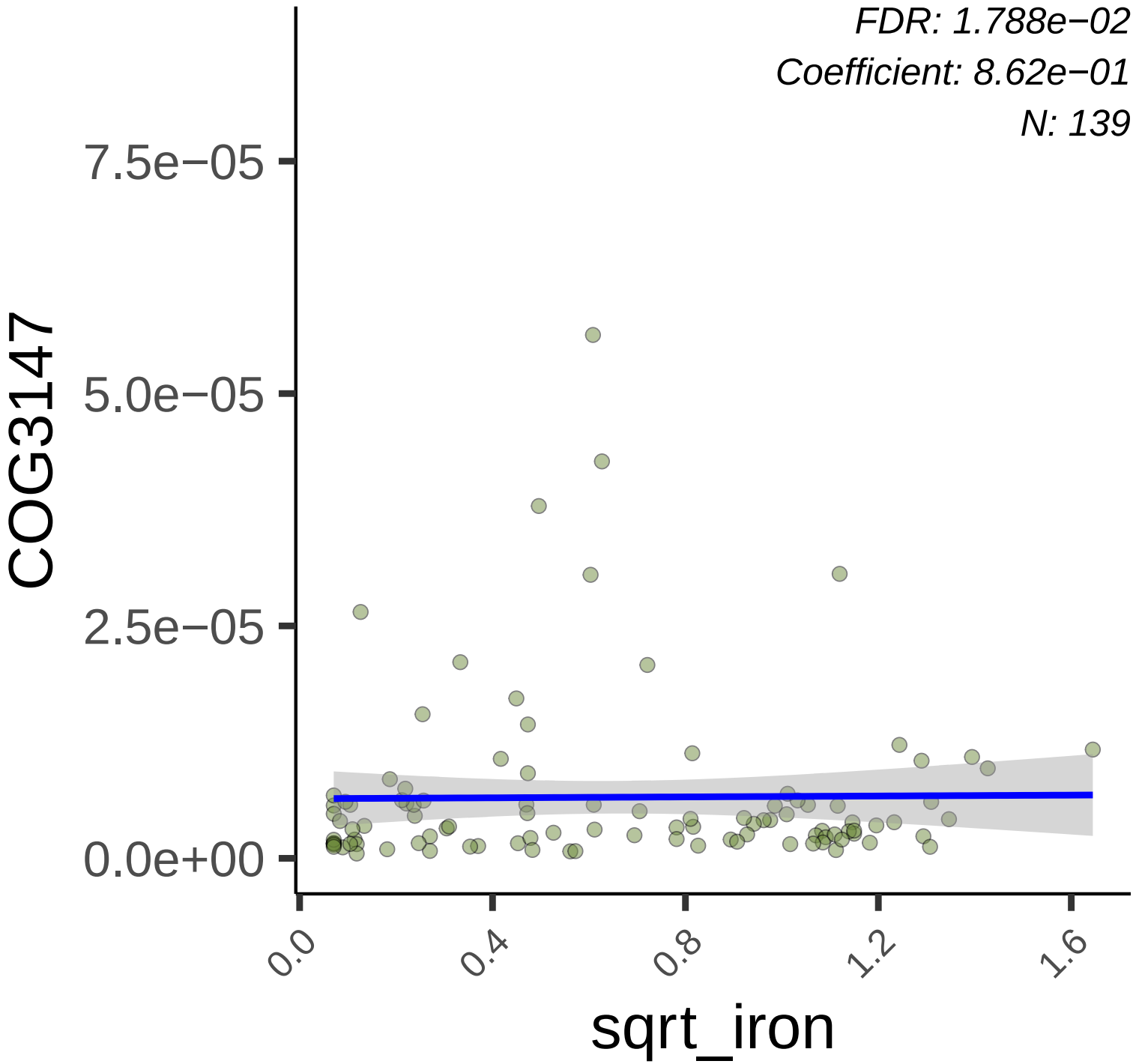
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.788e−02
Coefficient: 8.62e−01
N: 139
COG3147
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2.5e−05
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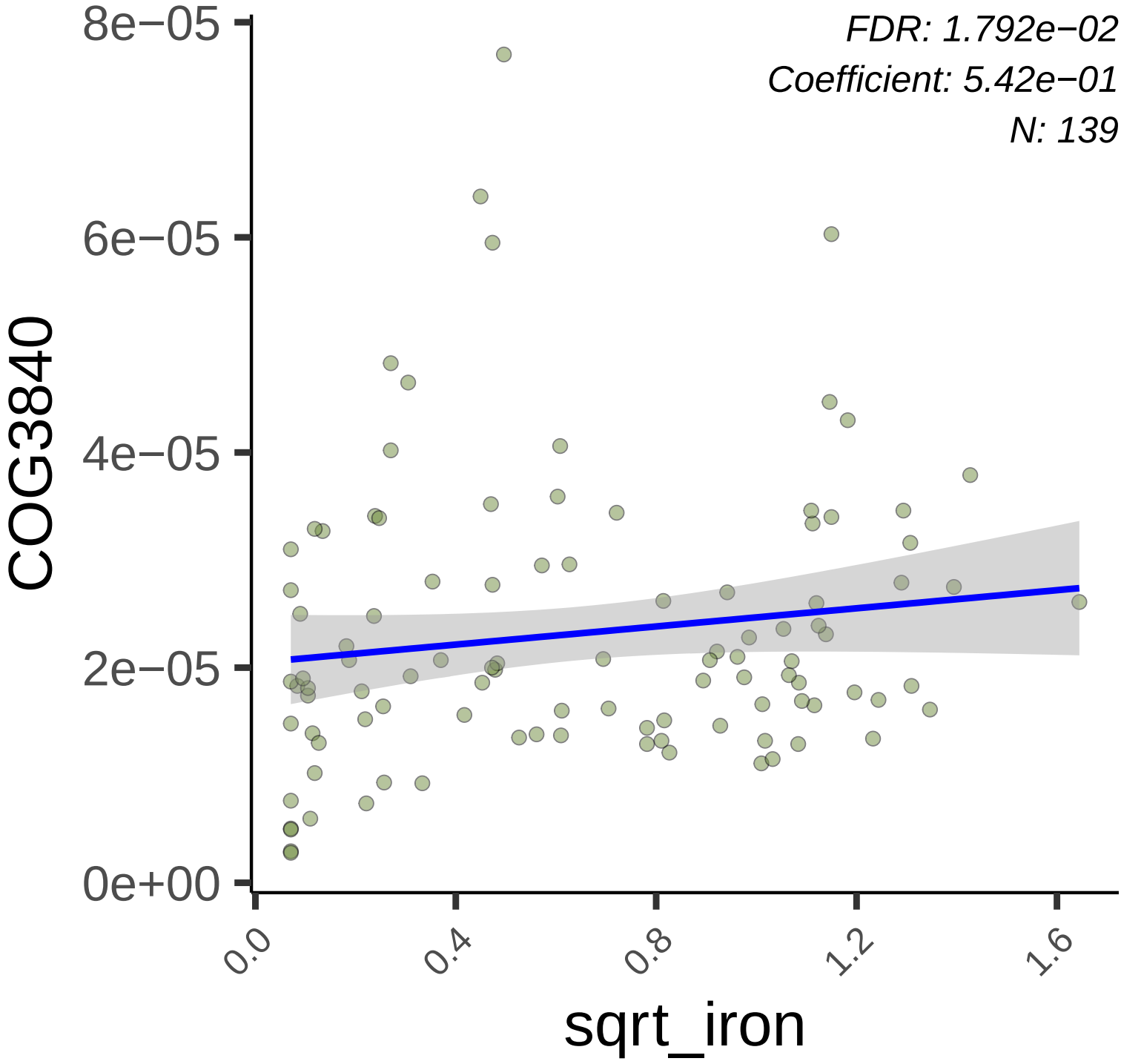
1.2
1.6
sqrt_iron


FDR: 1.792e−02
Coefficient: 5.42e−01
N: 139
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2e−05
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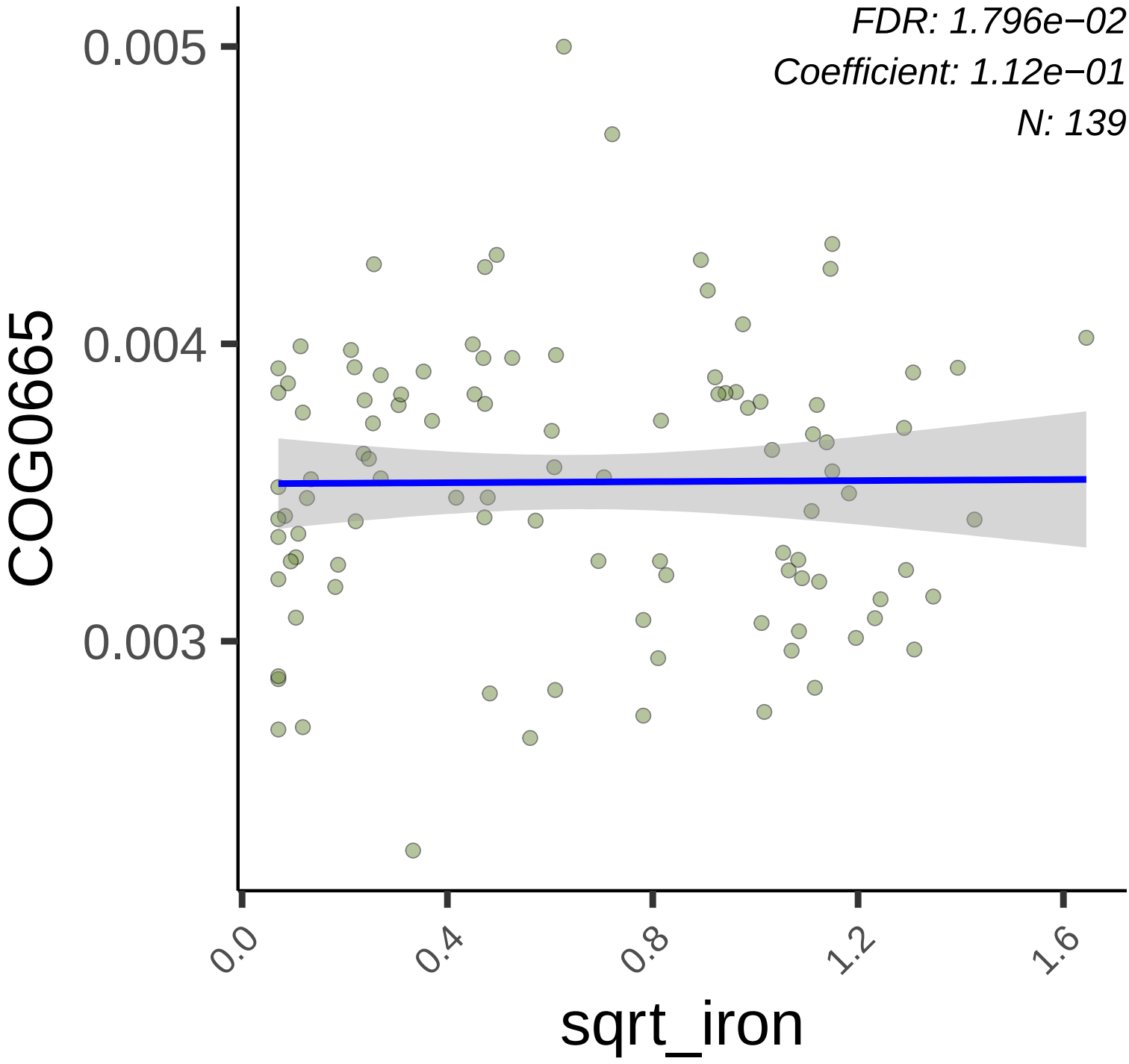
0.8
1.2
1.6
sqrt_iron


FDR: 1.796e−02
Coefficient: 1.12e−01
N: 139
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COG0665
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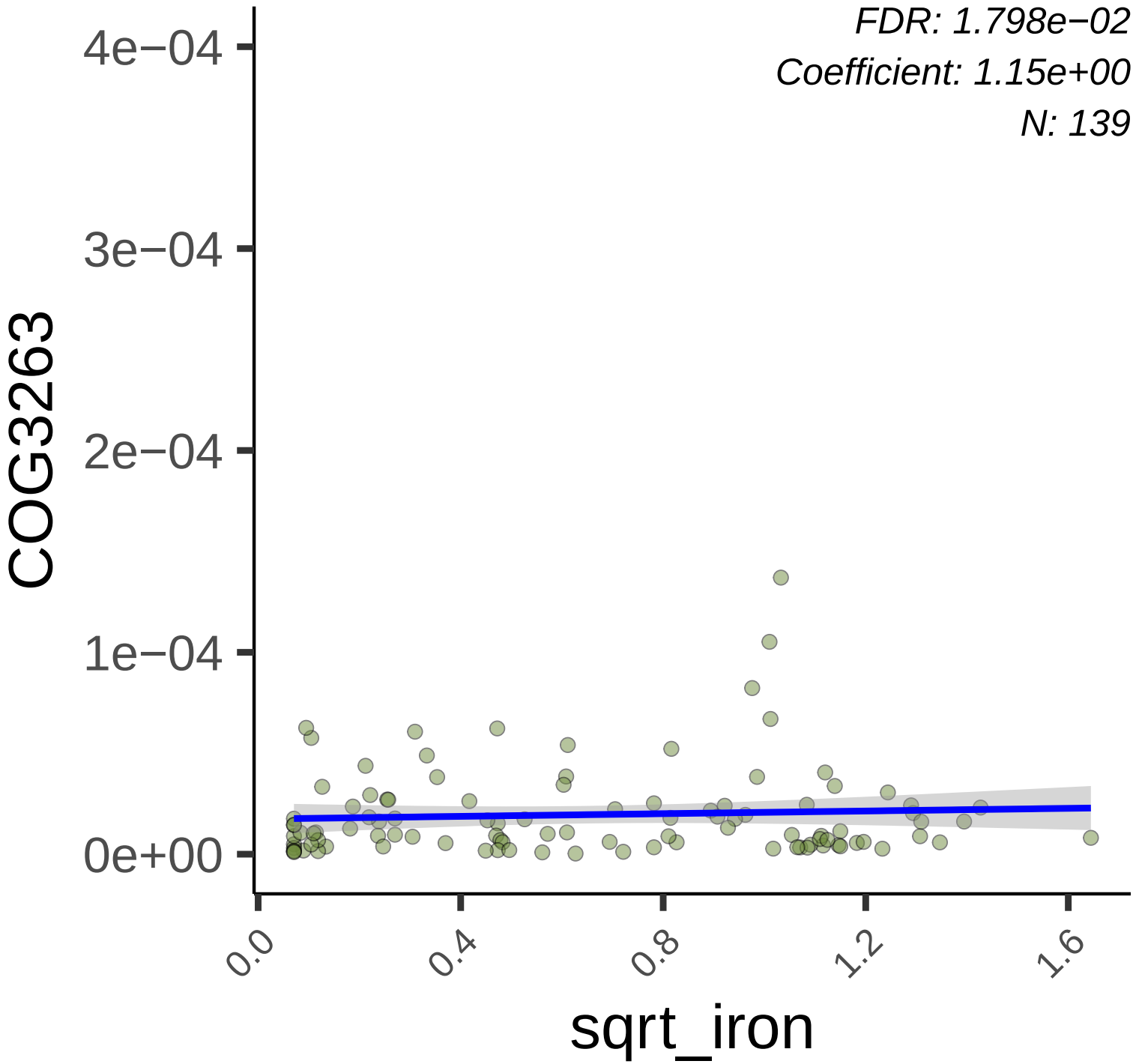
sqrt_iron


FDR: 1.798e−02
Coefficient: 1.15e+00
N: 139
COG3263
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2e−04
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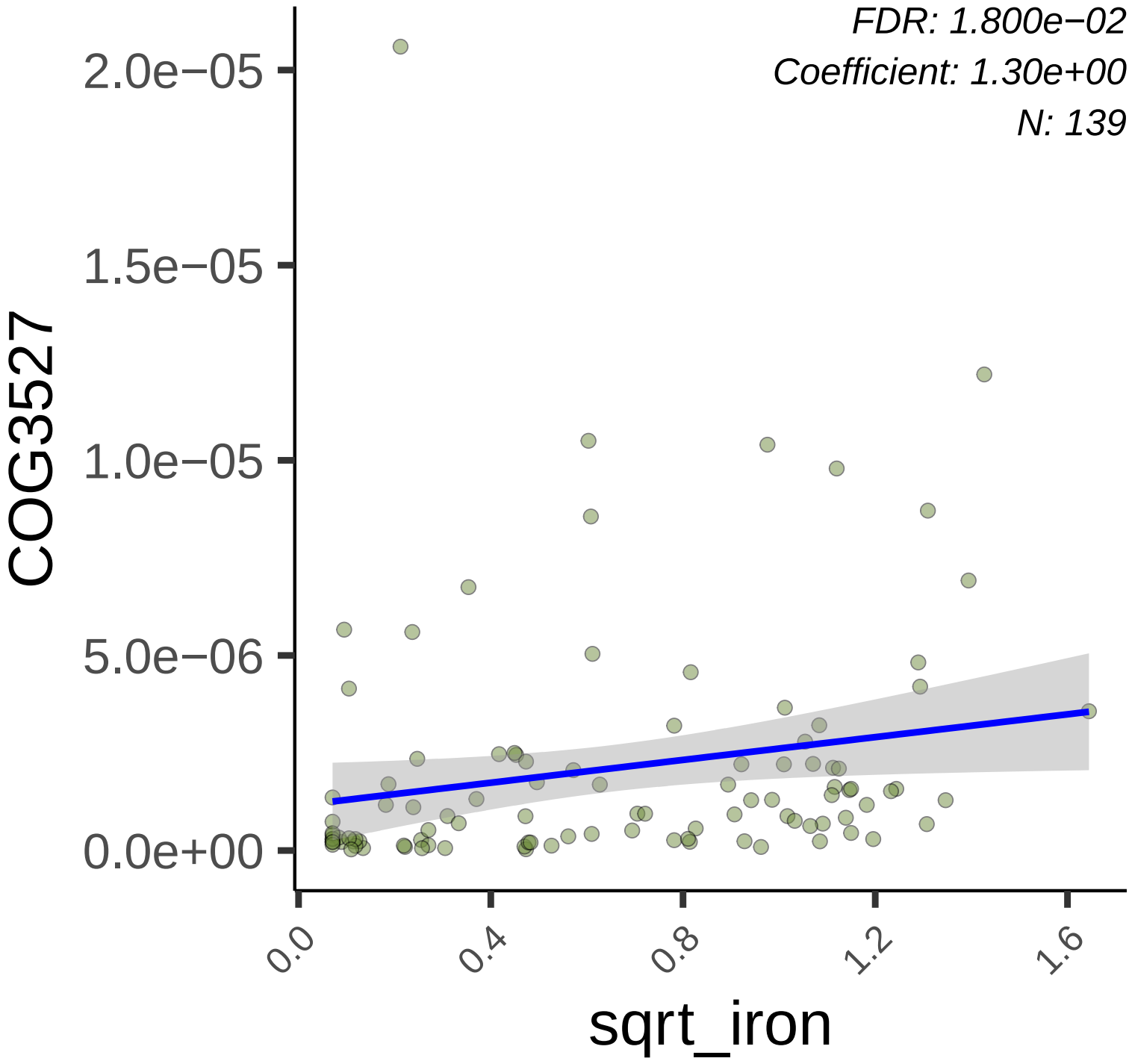
0.8
1.2
1.6
sqrt_iron


FDR: 1.800e−02
Coefficient: 1.30e+00
N: 139
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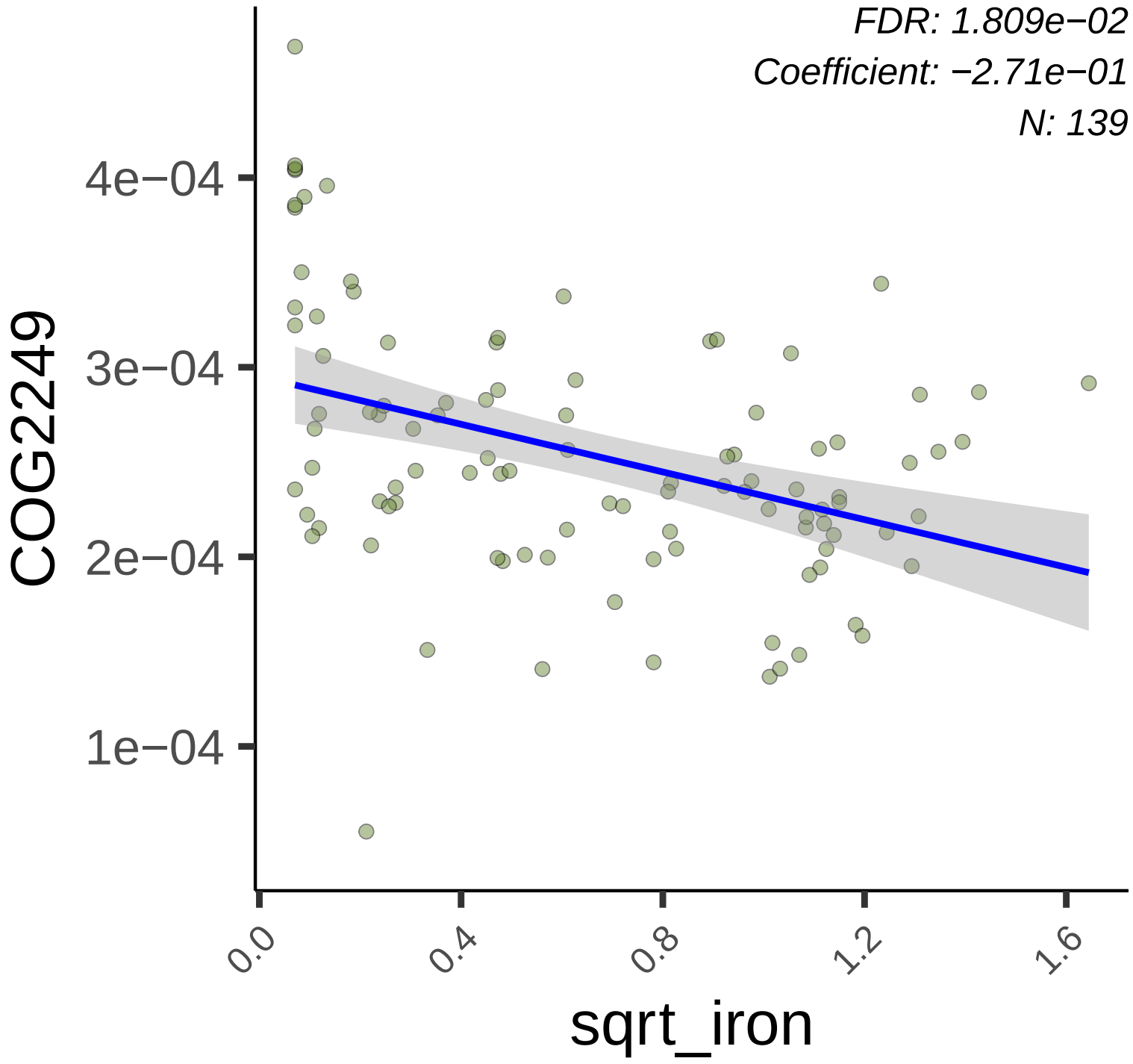
1.2
1.6
sqrt_iron


FDR: 1.809e−02
Coefficient: −2.71e−01
N: 139
COG2249
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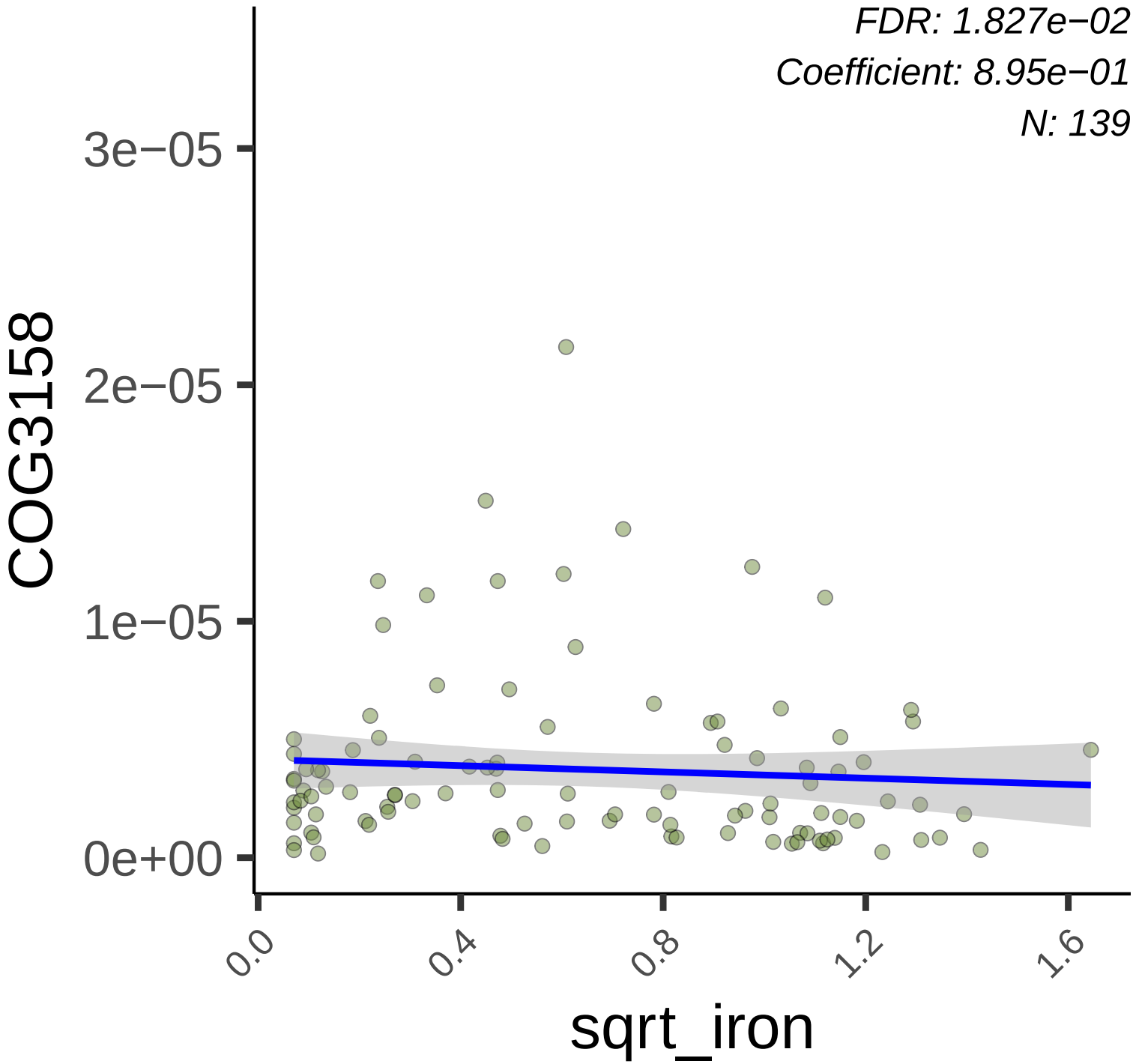
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.827e−02
Coefficient: 8.95e−01
N: 139
COG3158
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1e−05
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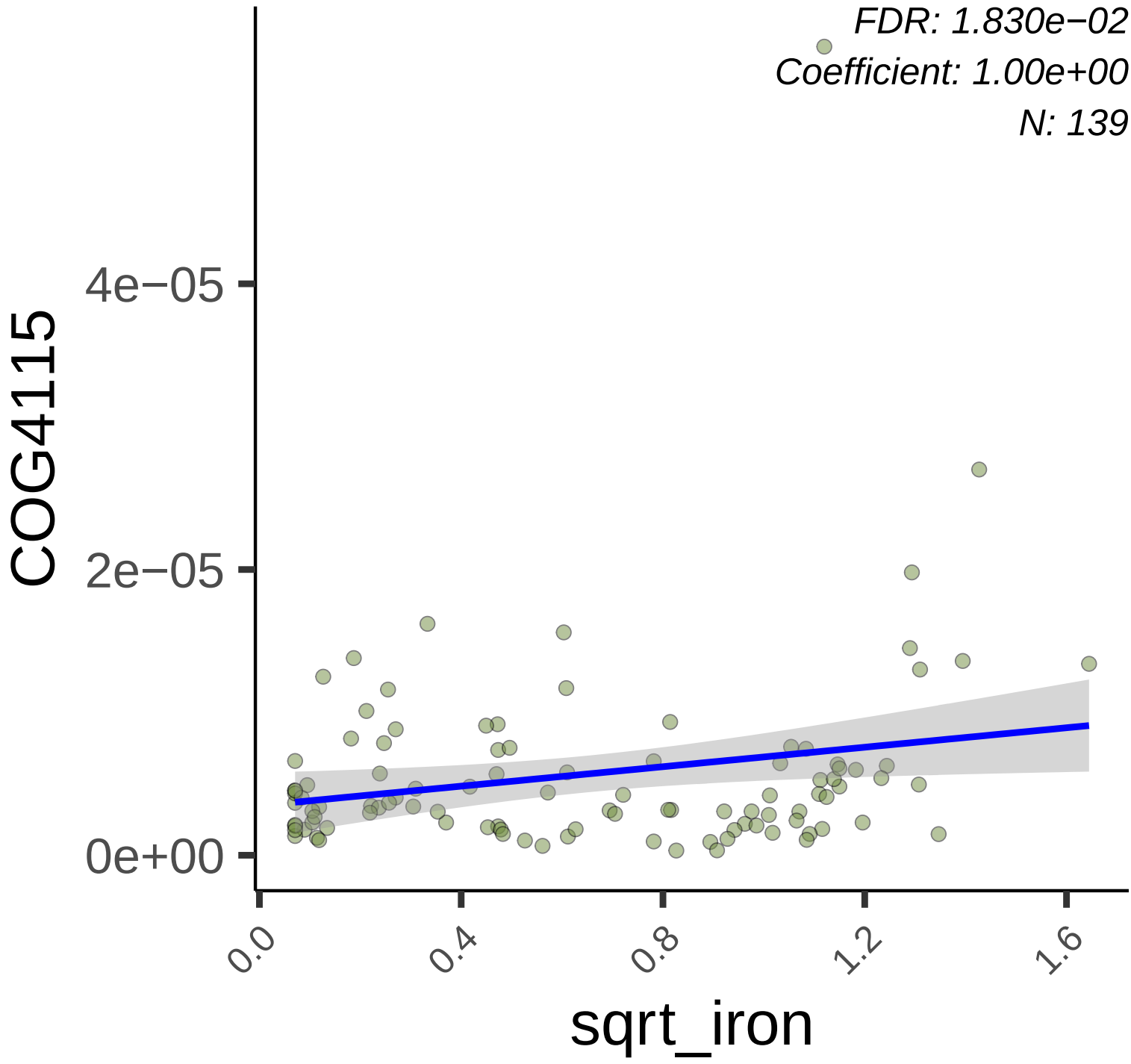
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.830e−02
Coefficient: 1.00e+00
N: 139
COG4115
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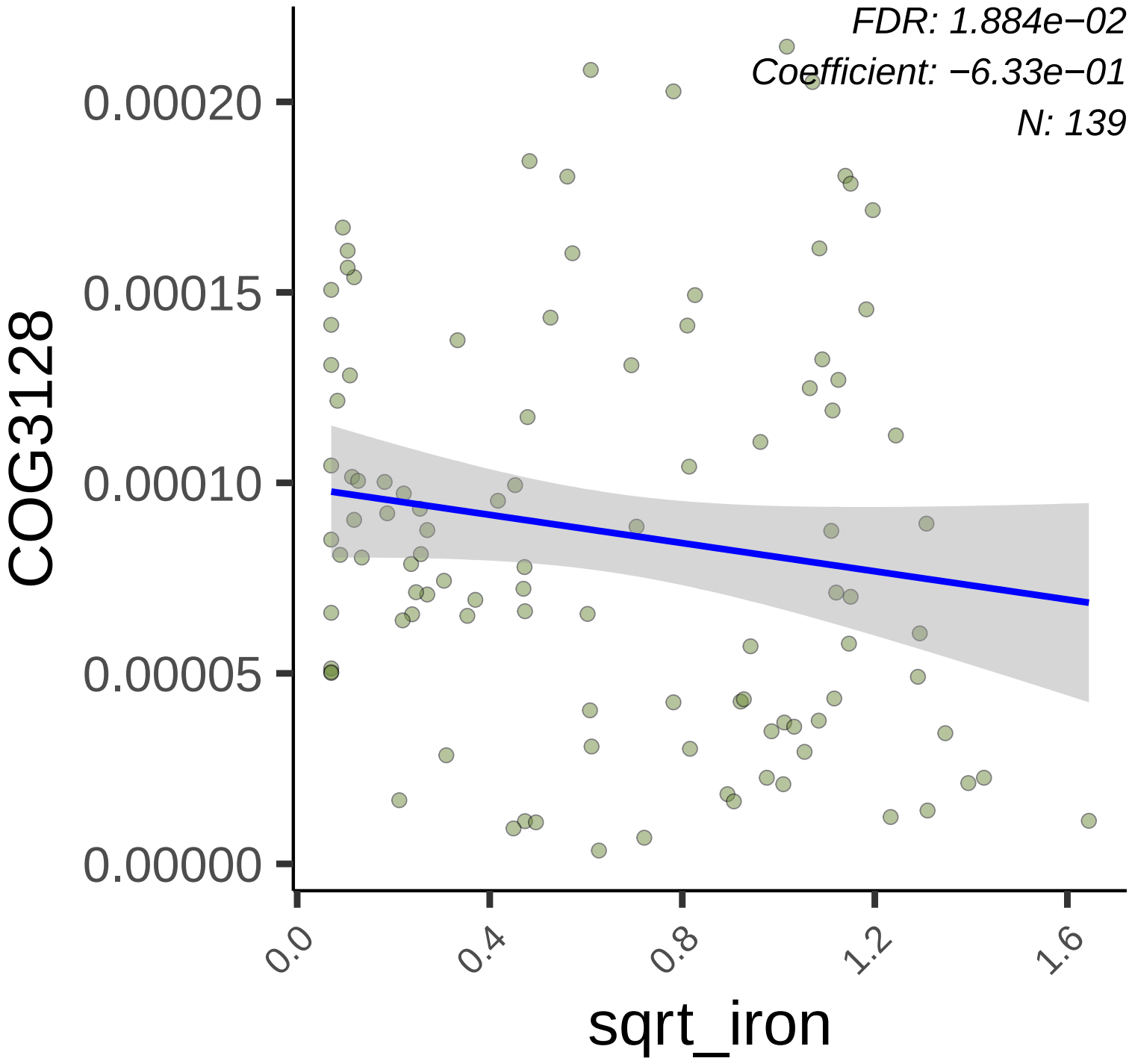
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.884e−02
Coefficient: −6.33e−01
N: 139
COG3128
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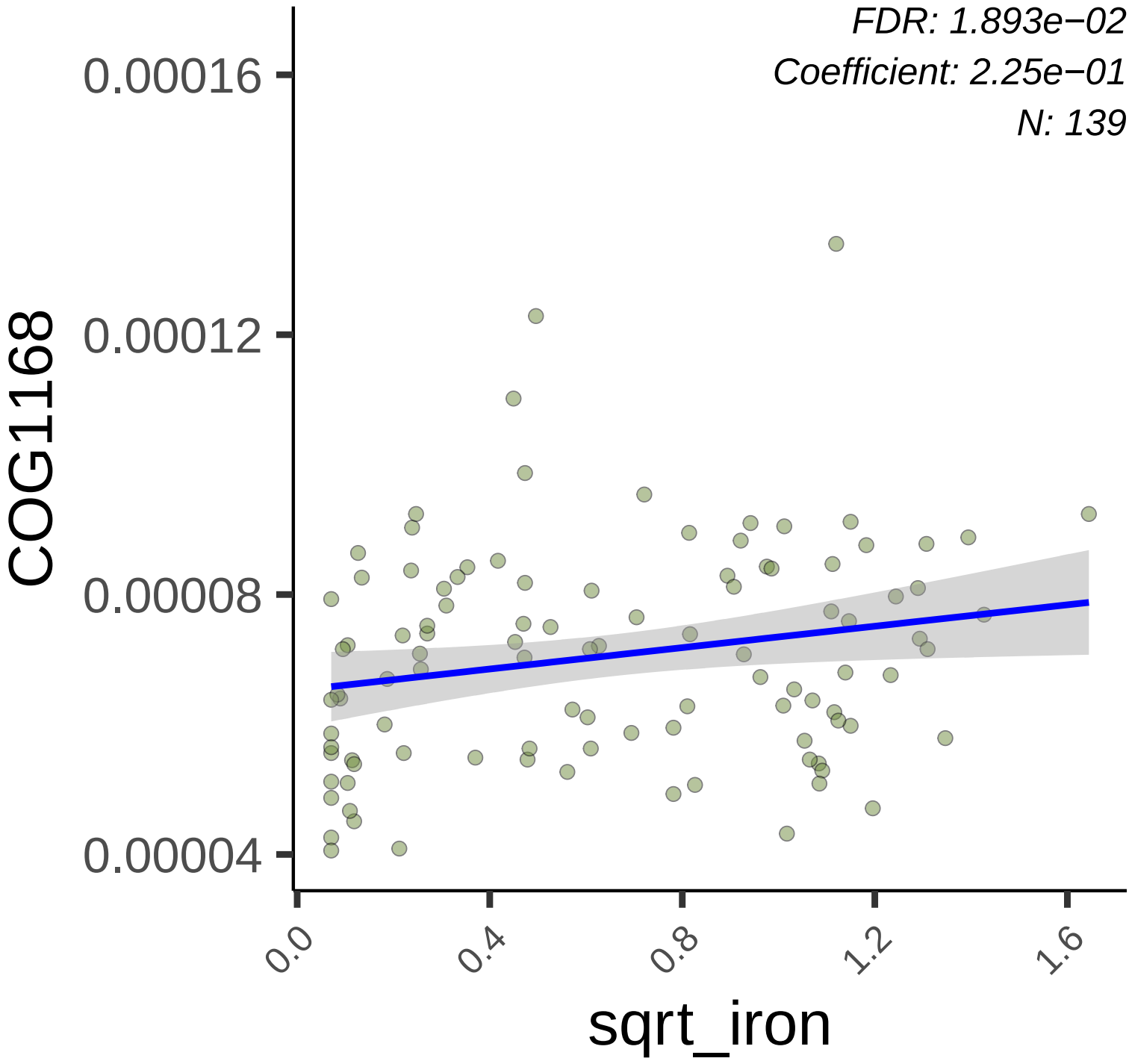
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.893e−02
Coefficient: 2.25e−01
N: 139
COG1168
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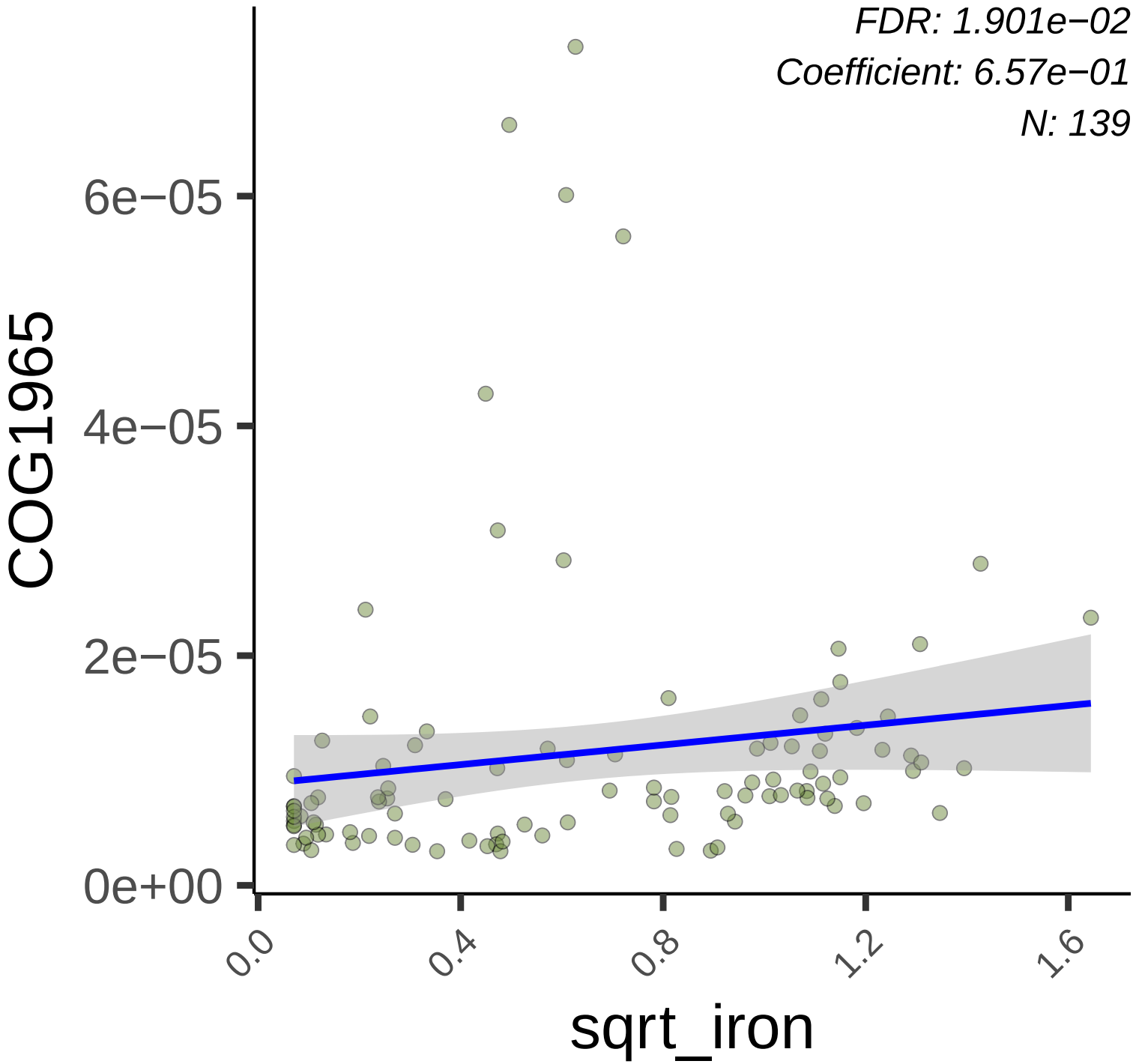
0.00012
0.00008
0.00004
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.901e−02
Coefficient: 6.57e−01
N: 139
COG1965
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4e−05
2e−05
0e+00
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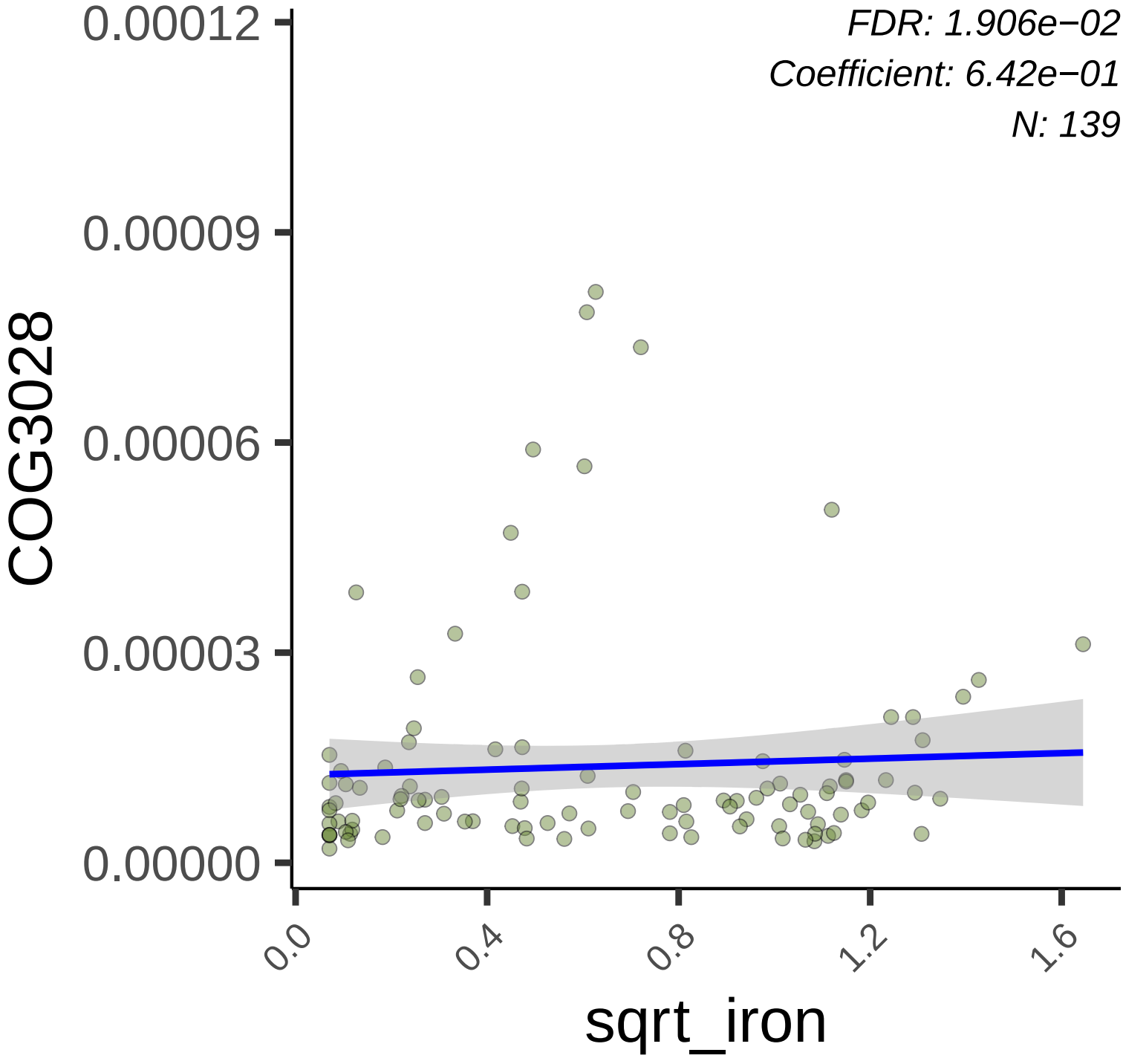
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.906e−02
Coefficient: 6.42e−01
N: 139
0.00012
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0.00003
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COG3028
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0.4
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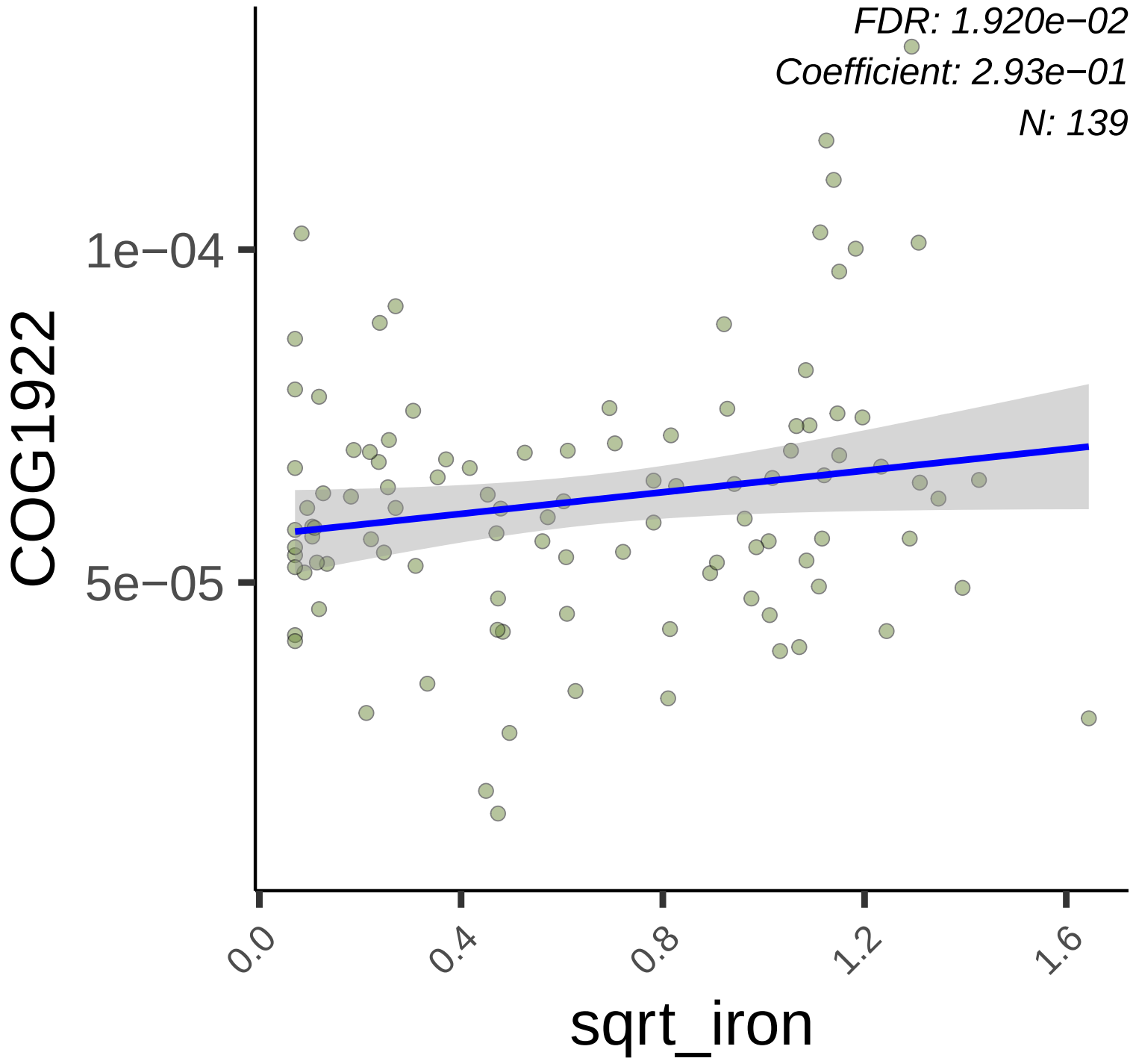
1.6
sqrt_iron


FDR: 1.920e−02
Coefficient: 2.93e−01
N: 139
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COG1922
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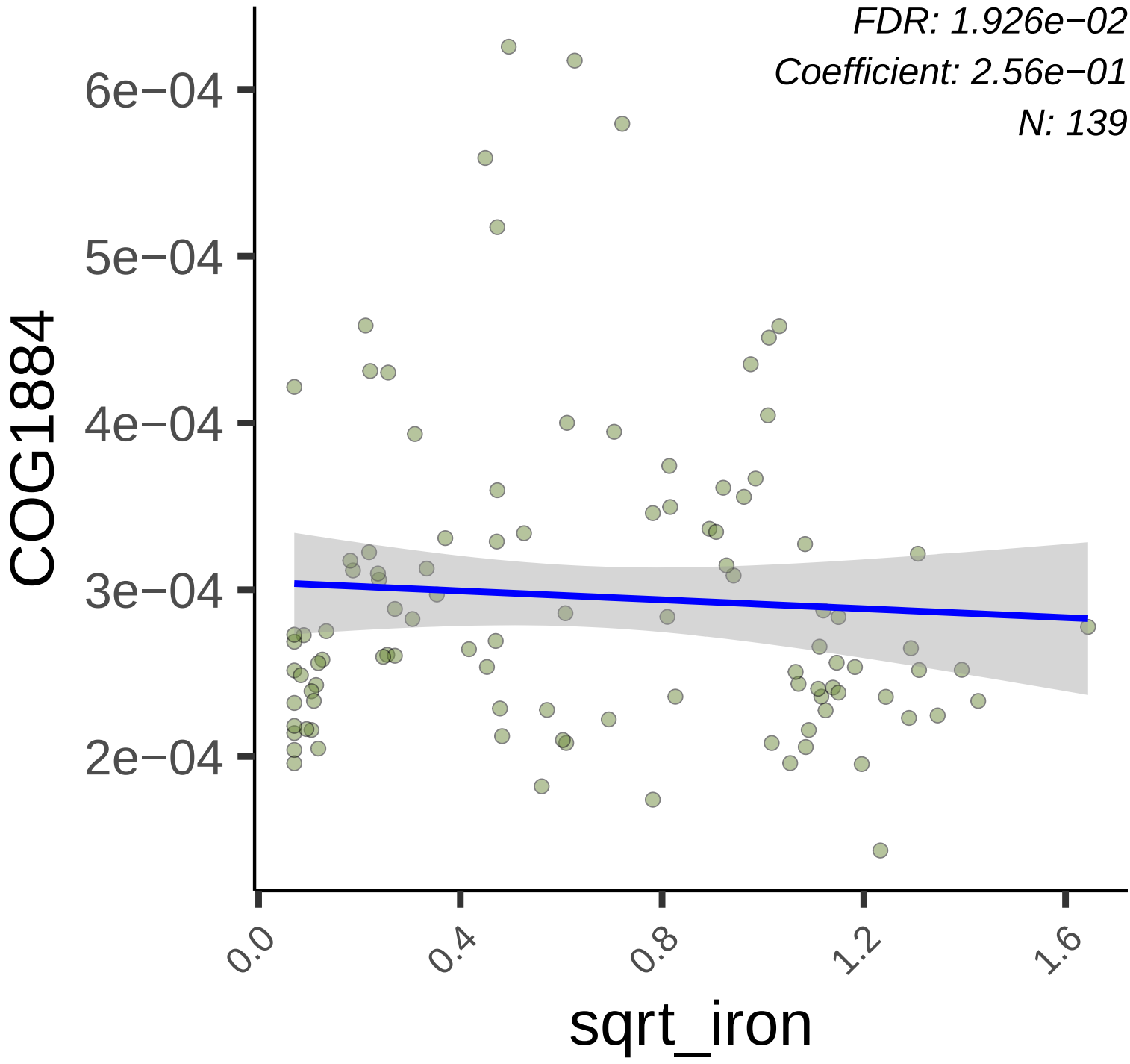
sqrt_iron


FDR: 1.926e−02
Coefficient: 2.56e−01
N: 139
COG1884
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4e−04
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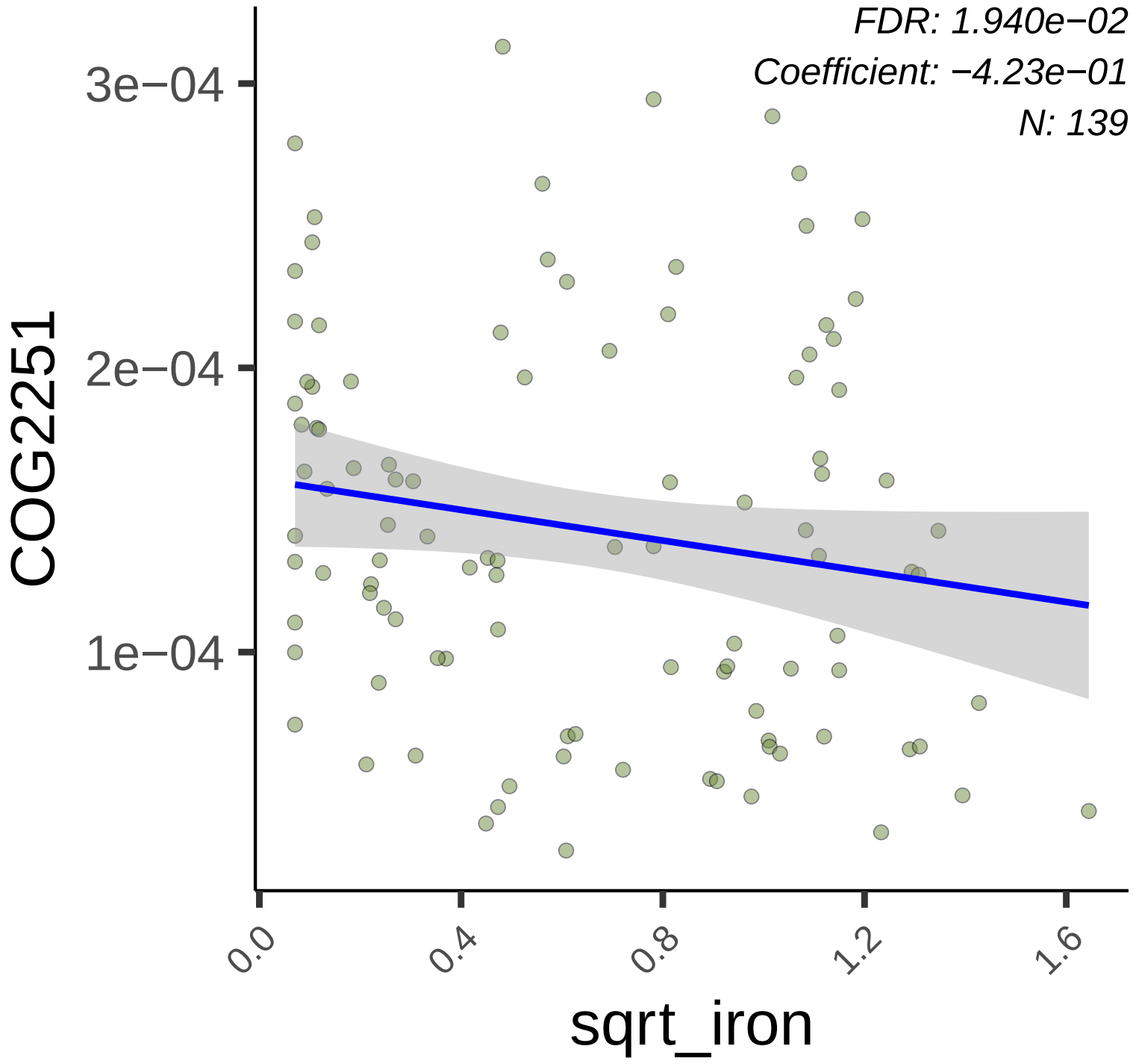
1.6
sqrt_iron


FDR: 1.940e−02
Coefficient: −4.23e−01
N: 139
3e−04
2e−04
1e−04
COG2251
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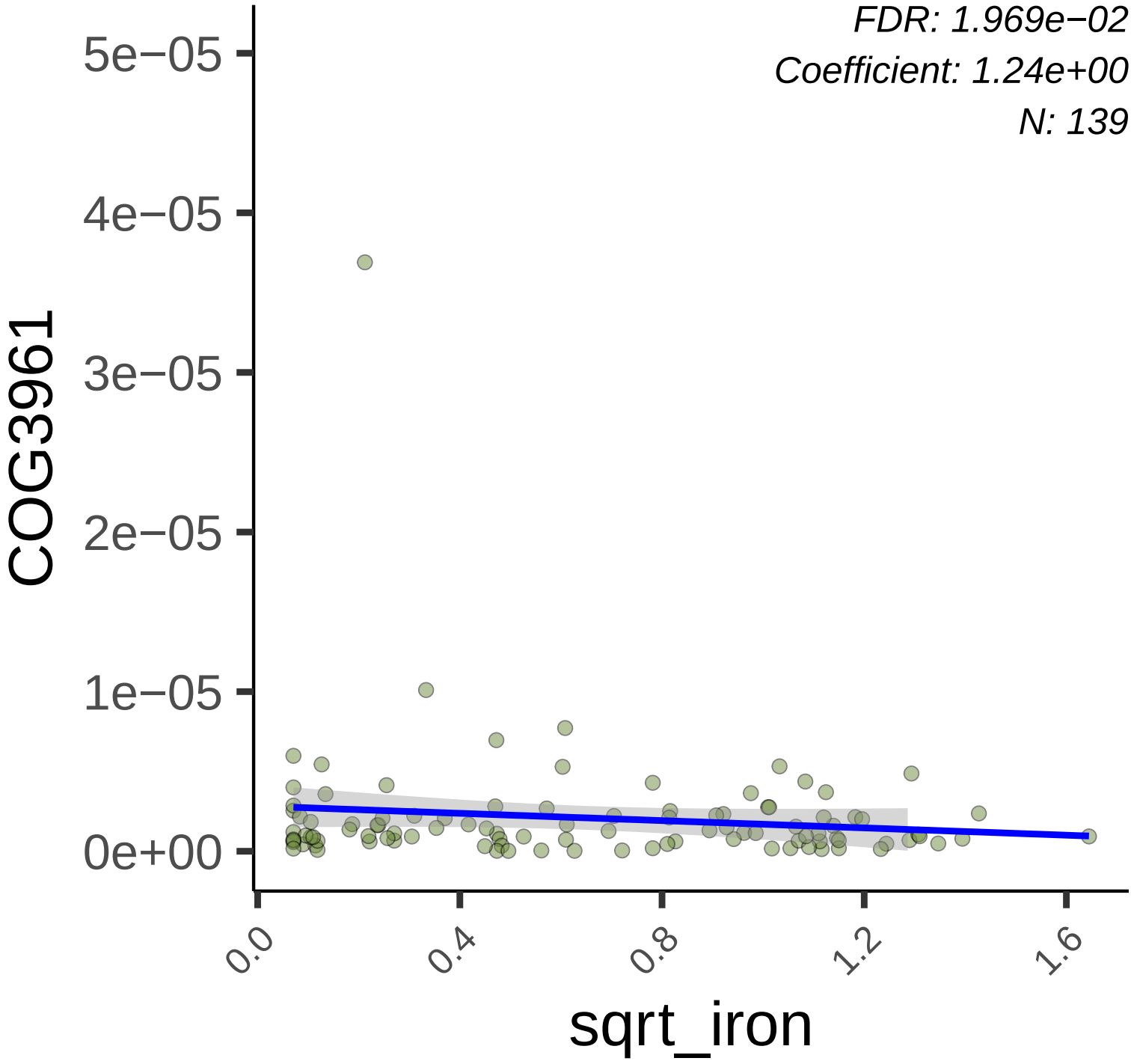
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.969e−02
Coefficient: 1.24e+00
N: 139
COG3961
5e−05
4e−05
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2e−05
1e−05
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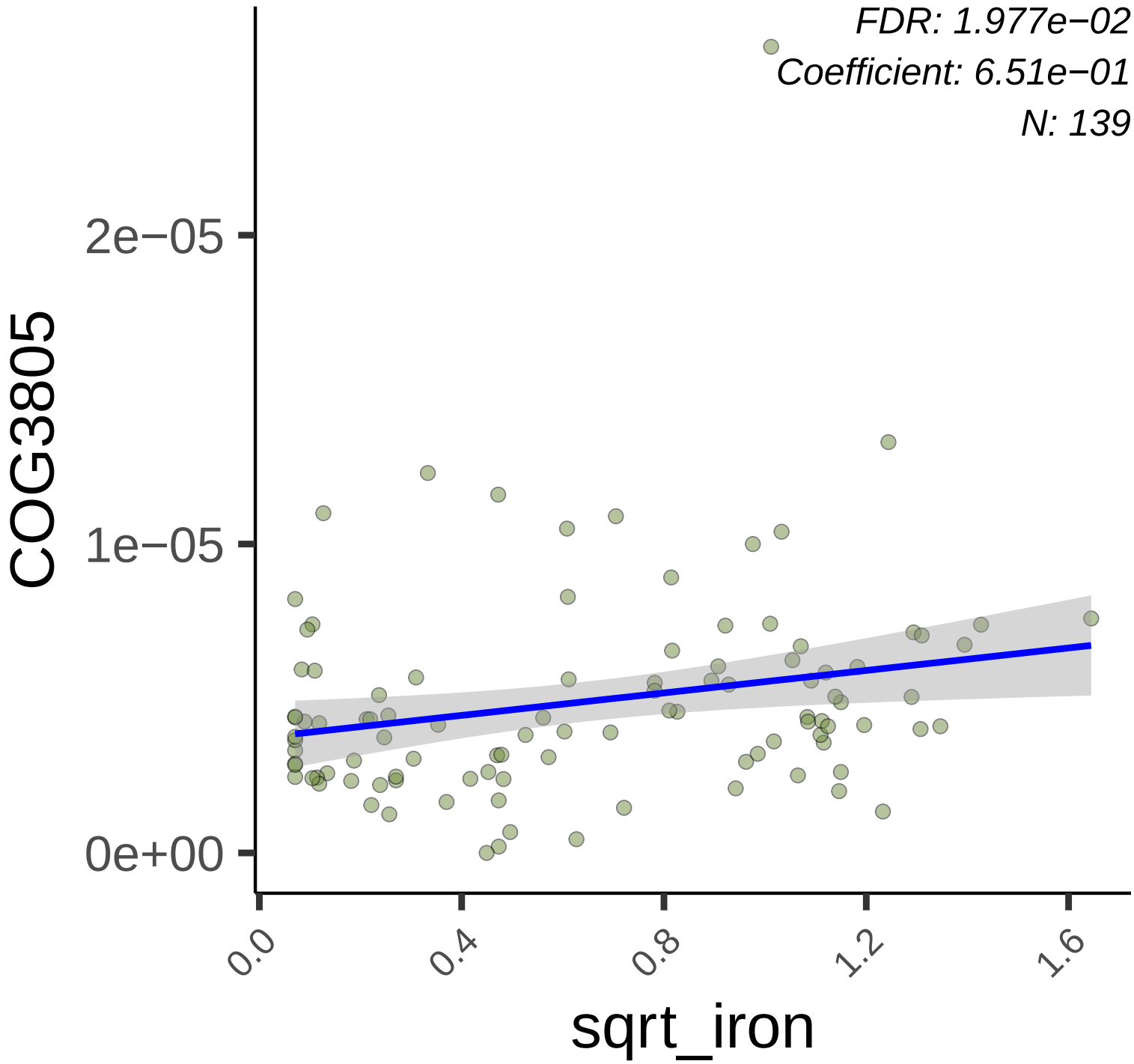
1.2
1.6
sqrt_iron


FDR: 1.977e−02
Coefficient: 6.51e−01
N: 139
COG3805
2e−05
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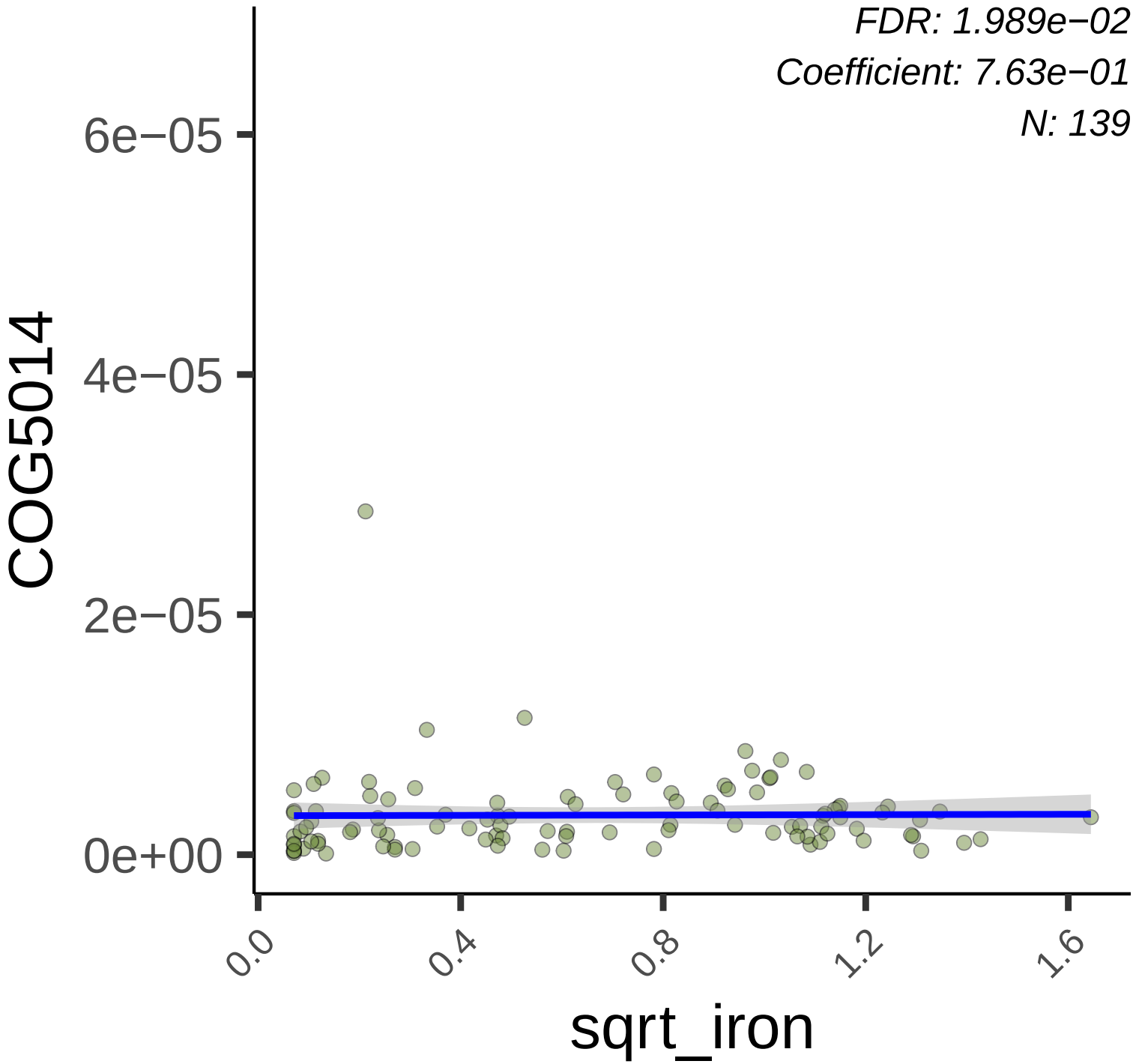
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.989e−02
Coefficient: 7.63e−01
N: 139
COG5014
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4e−05
2e−05
0e+00
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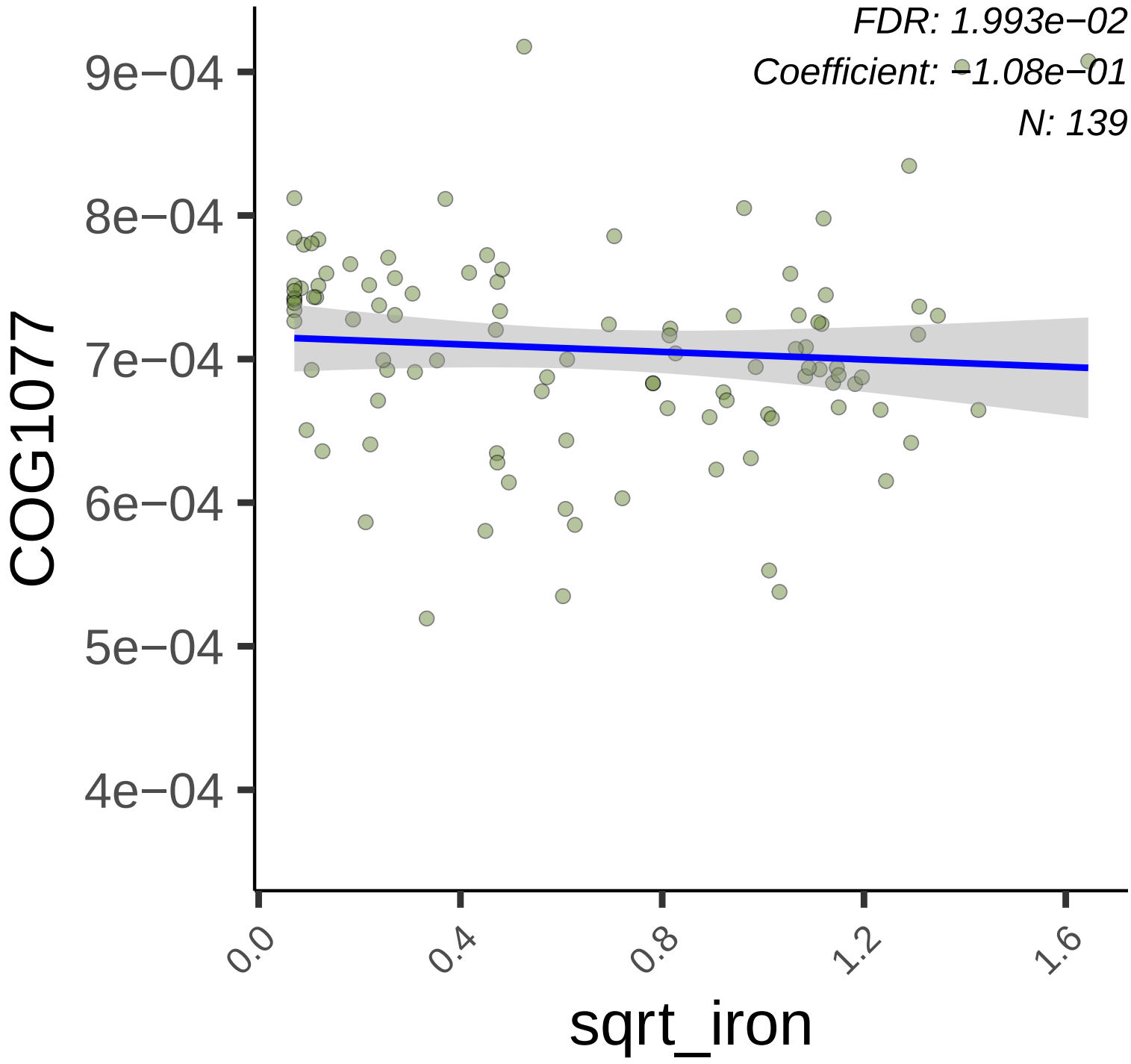
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.993e−02
Coefficient: −1.08e−01
N: 139
9e−04
8e−04
7e−04
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5e−04
4e−04
COG1077
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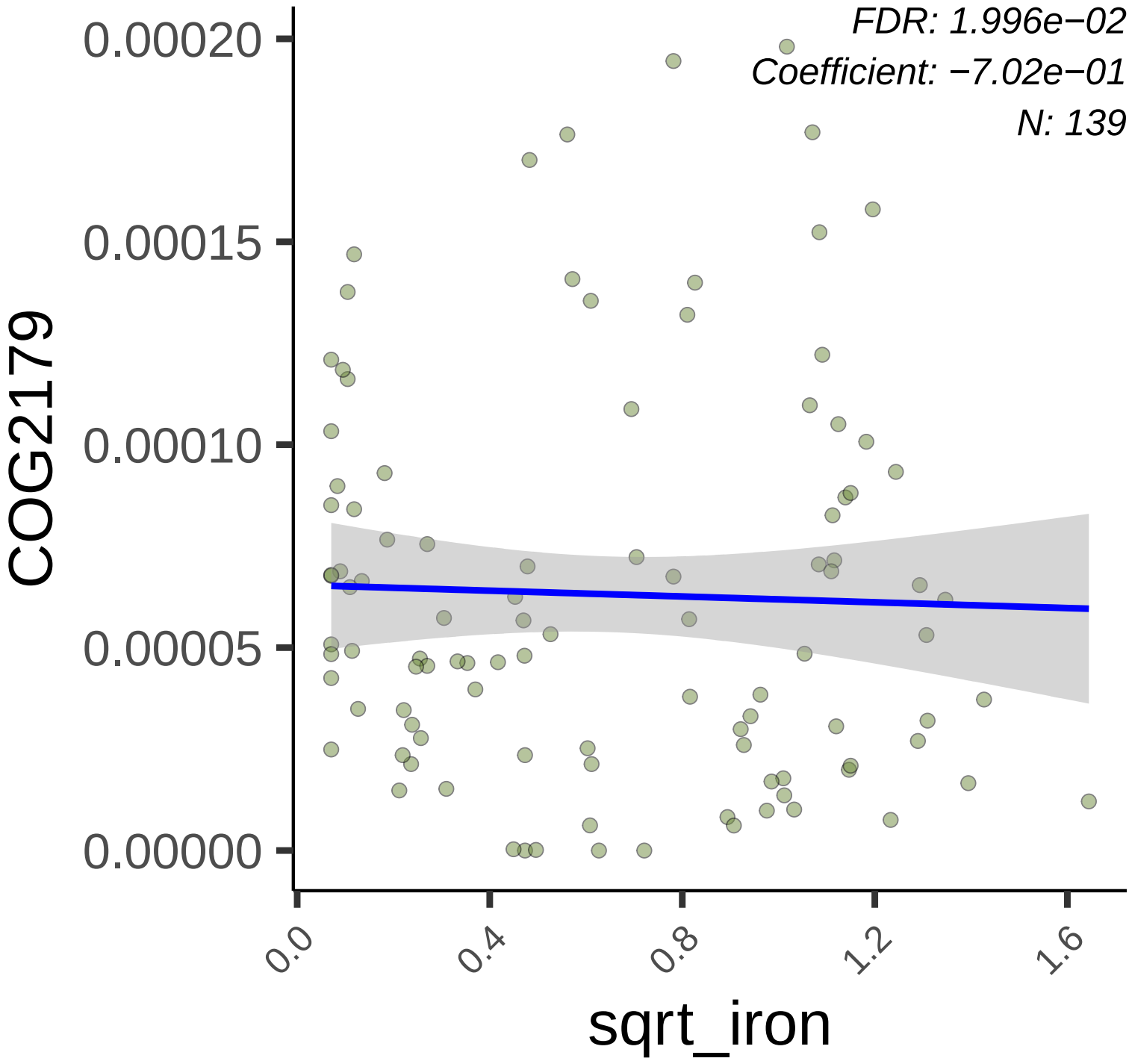
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 1.996e−02
Coefficient: −7.02e−01
N: 139
0.00020
0.00015
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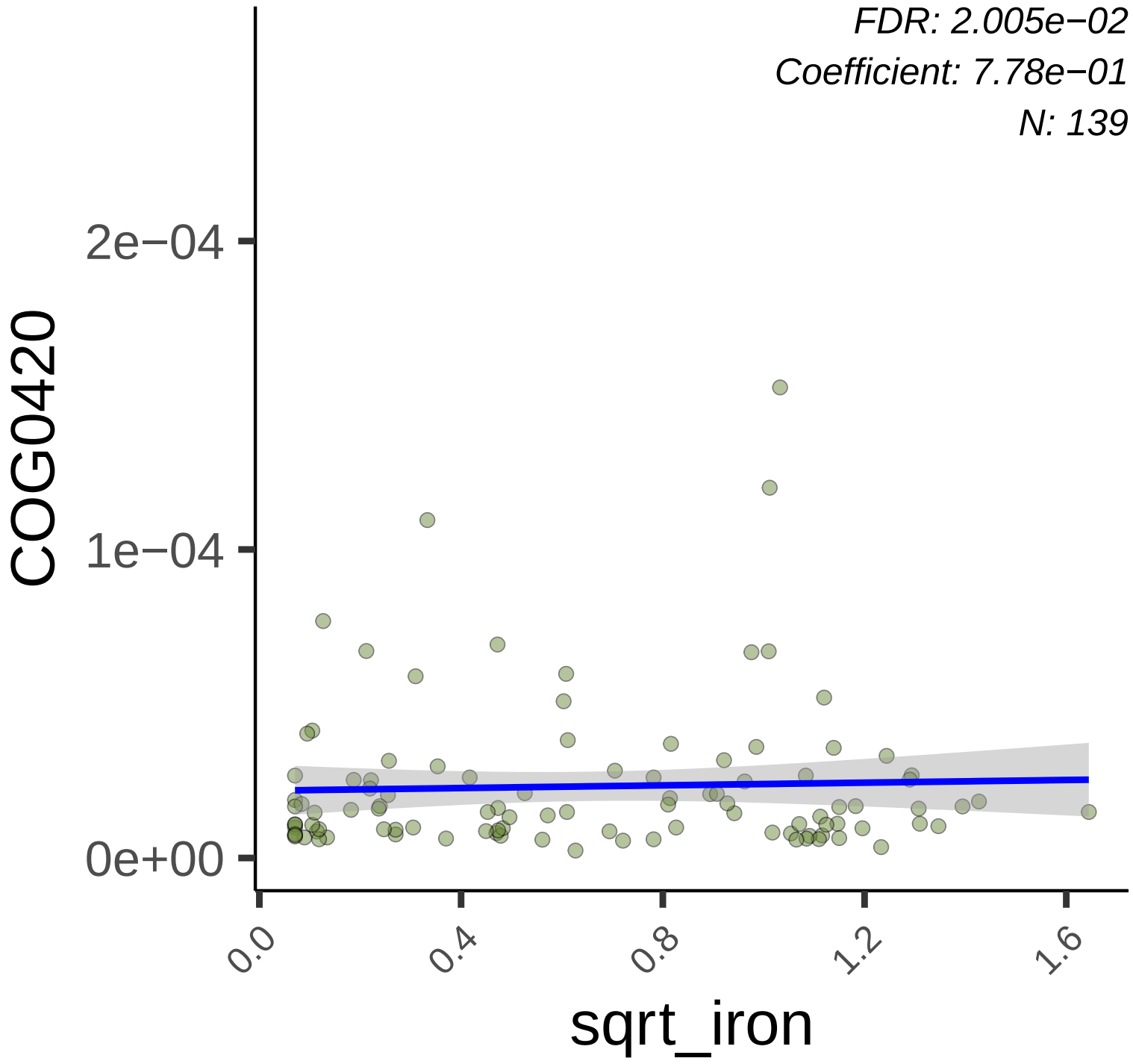
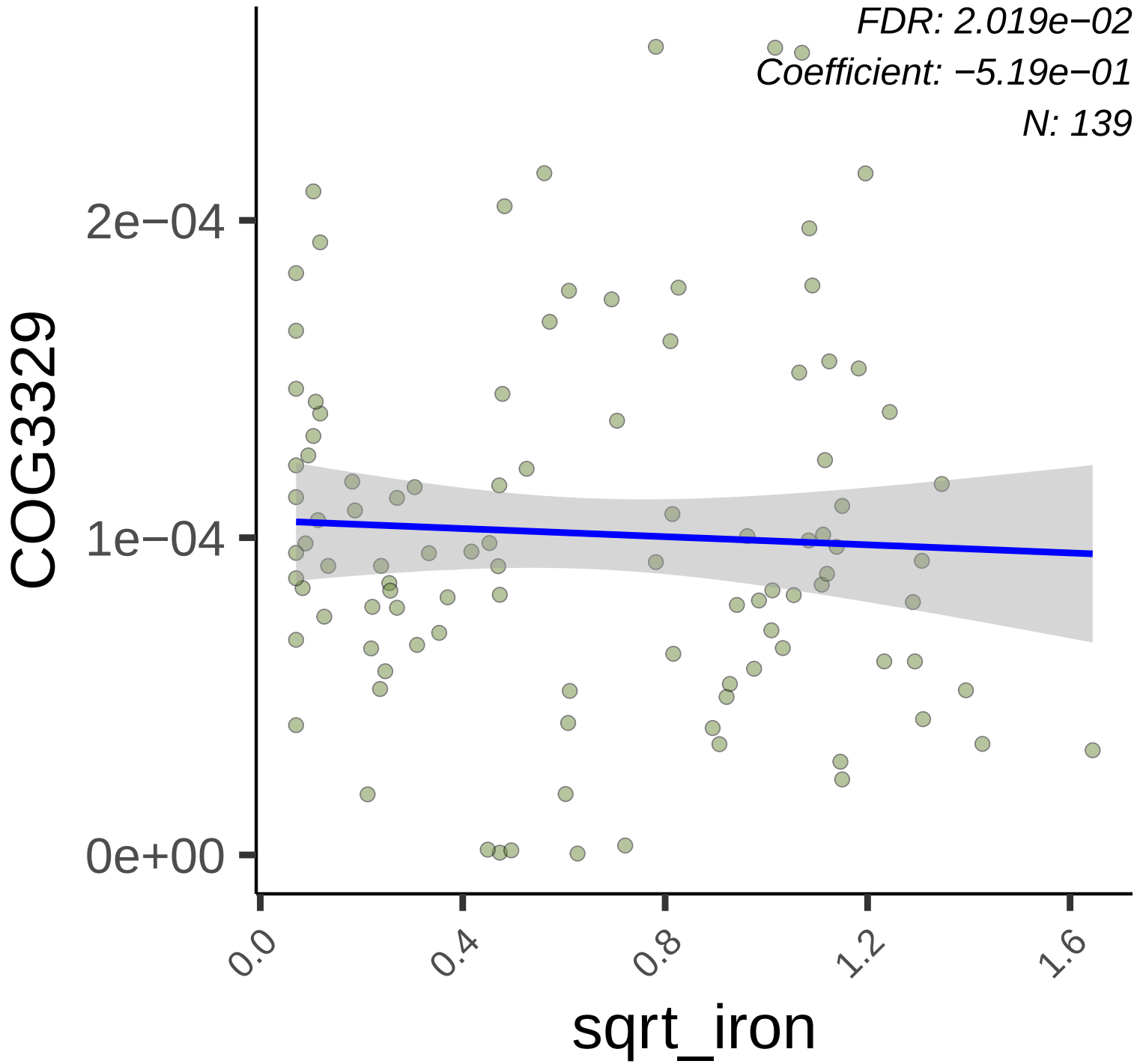
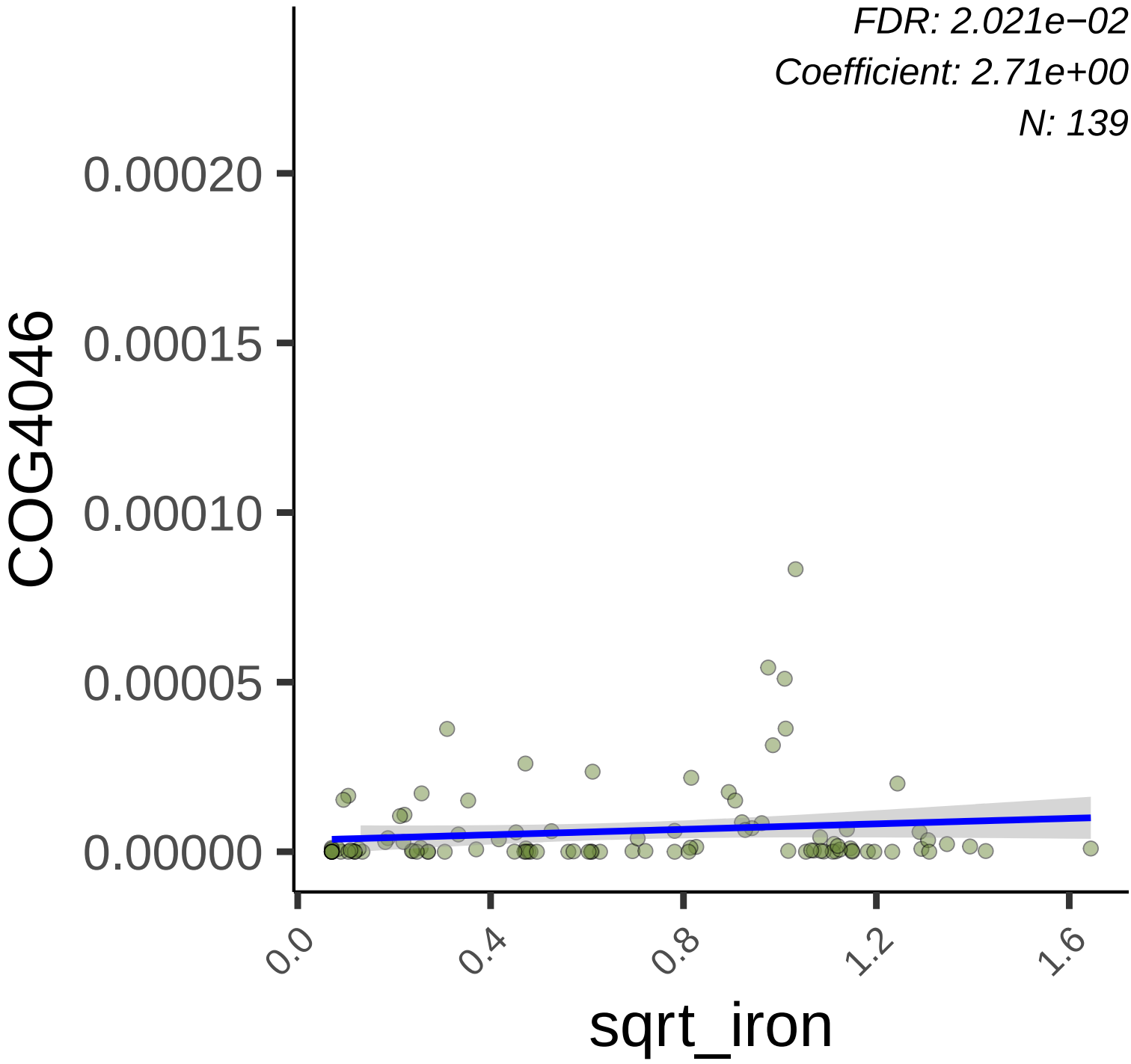
0.00005
0.00000
COG2179
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.005e−02
Coefficient: 7.78e−01
N: 139
COG0420
2e−04
1e−04
0e+00
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.019e−02
Coefficient: −5.19e−01
N: 139
COG3329
2e−04
1e−04
0e+00
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.021e−02
Coefficient: 2.71e+00
N: 139
COG4046
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0.00010
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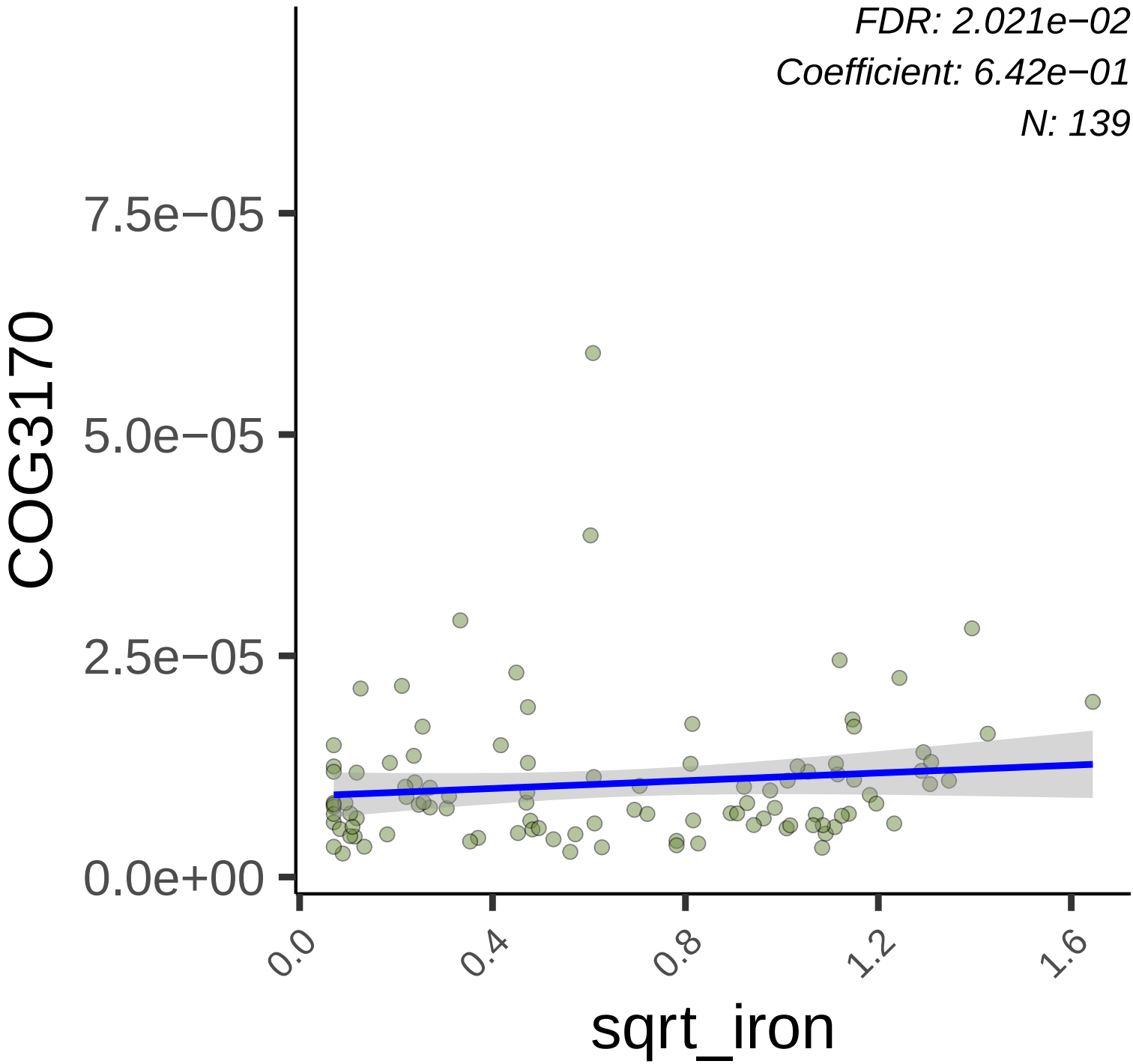
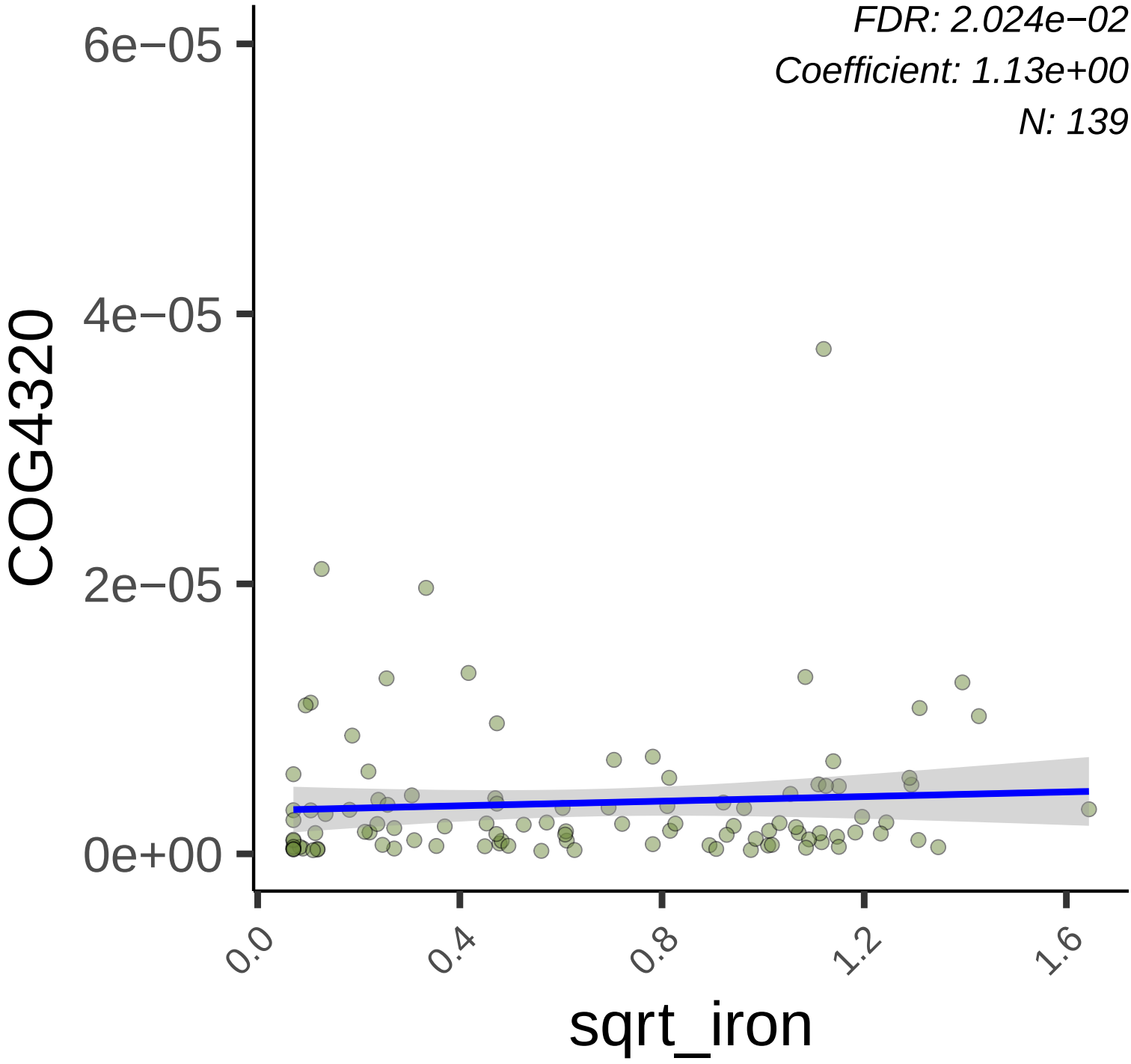
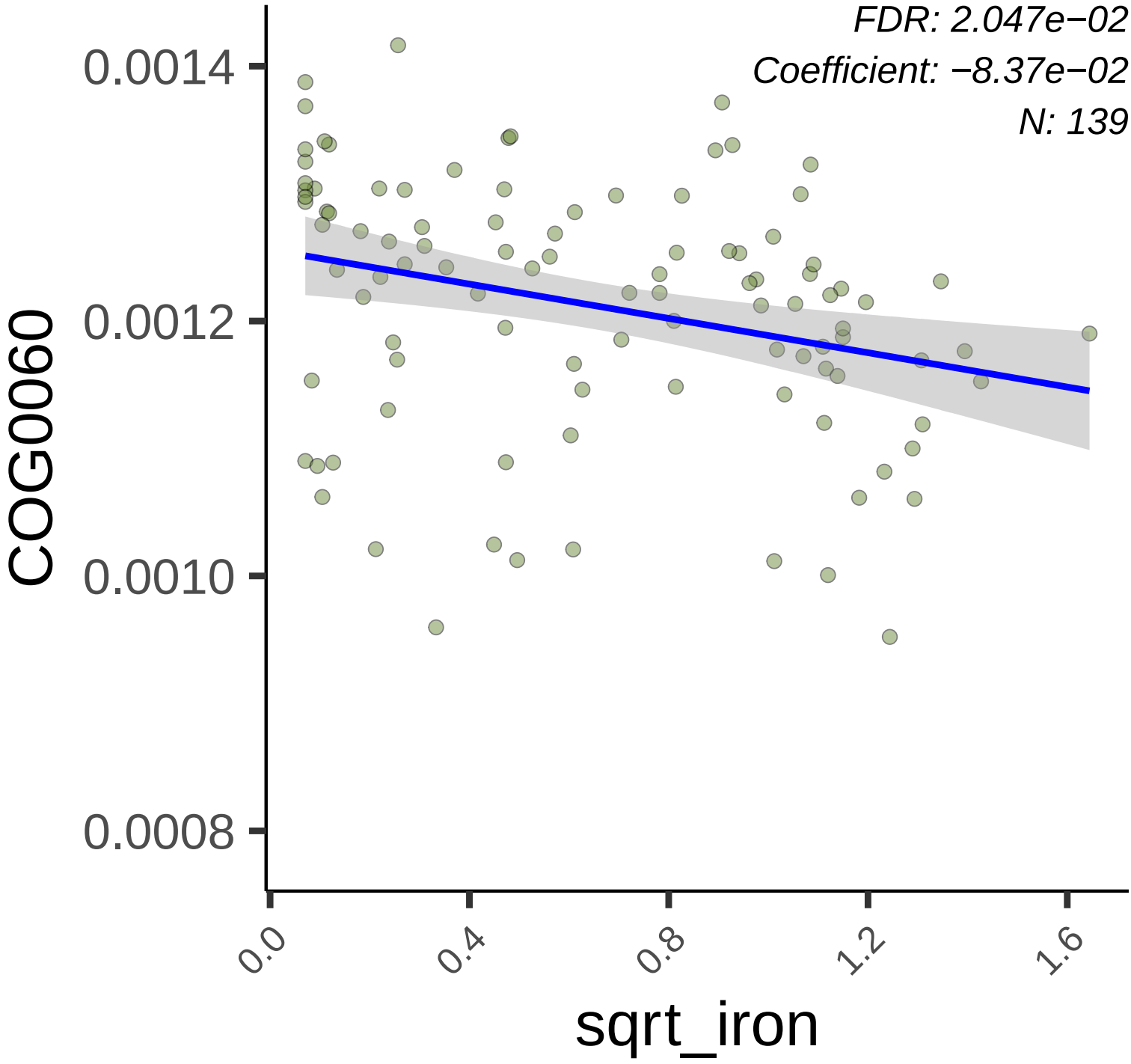
0.00000
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.021e−02
Coefficient: 6.42e−01
N: 139
COG3170
7.5e−05
5.0e−05
2.5e−05
0.0e+00
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.024e−02
Coefficient: 1.13e+00
N: 139
6e−05
4e−05
2e−05
0e+00
COG4320
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.047e−02
Coefficient: −8.37e−02
N: 139
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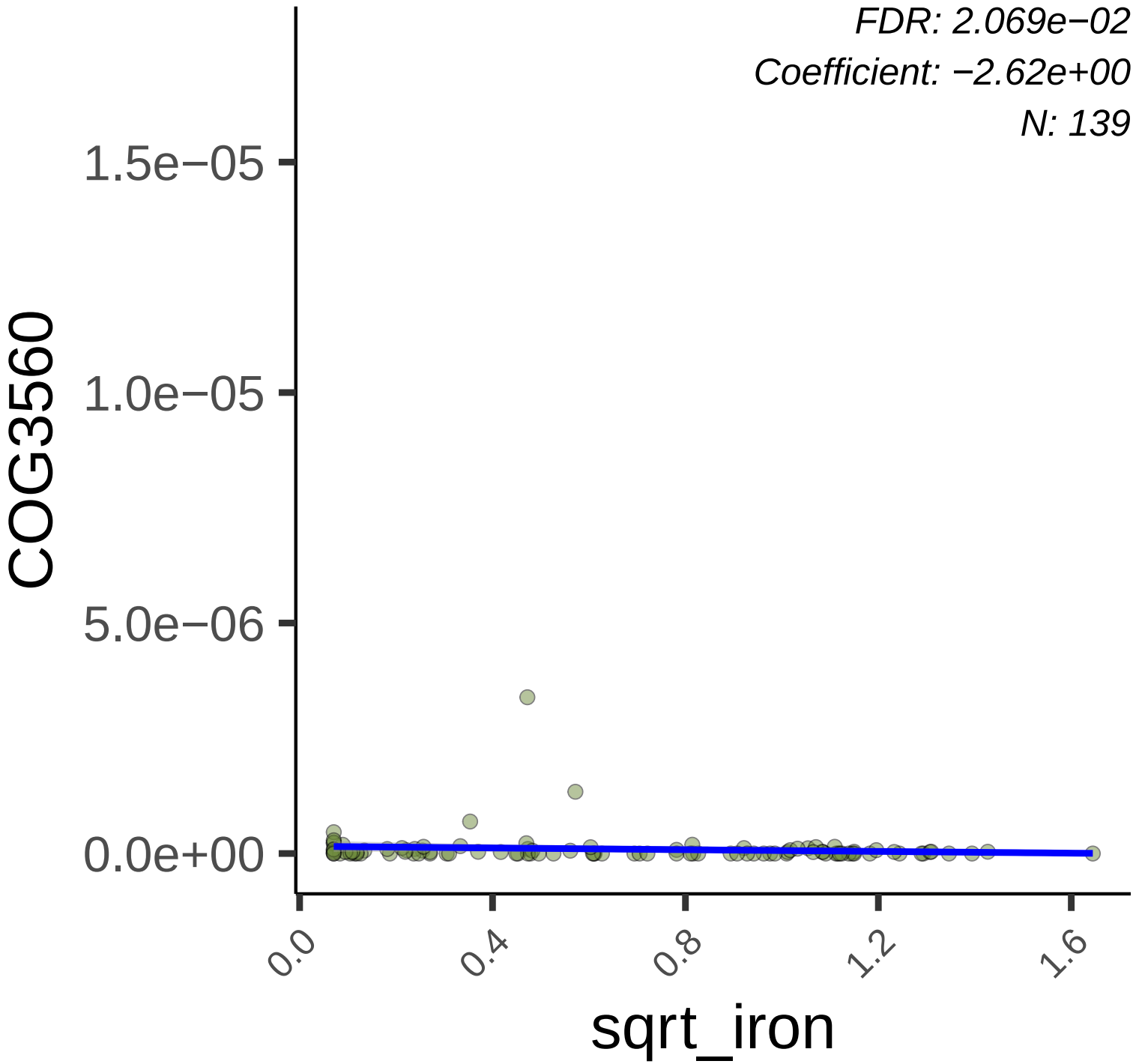
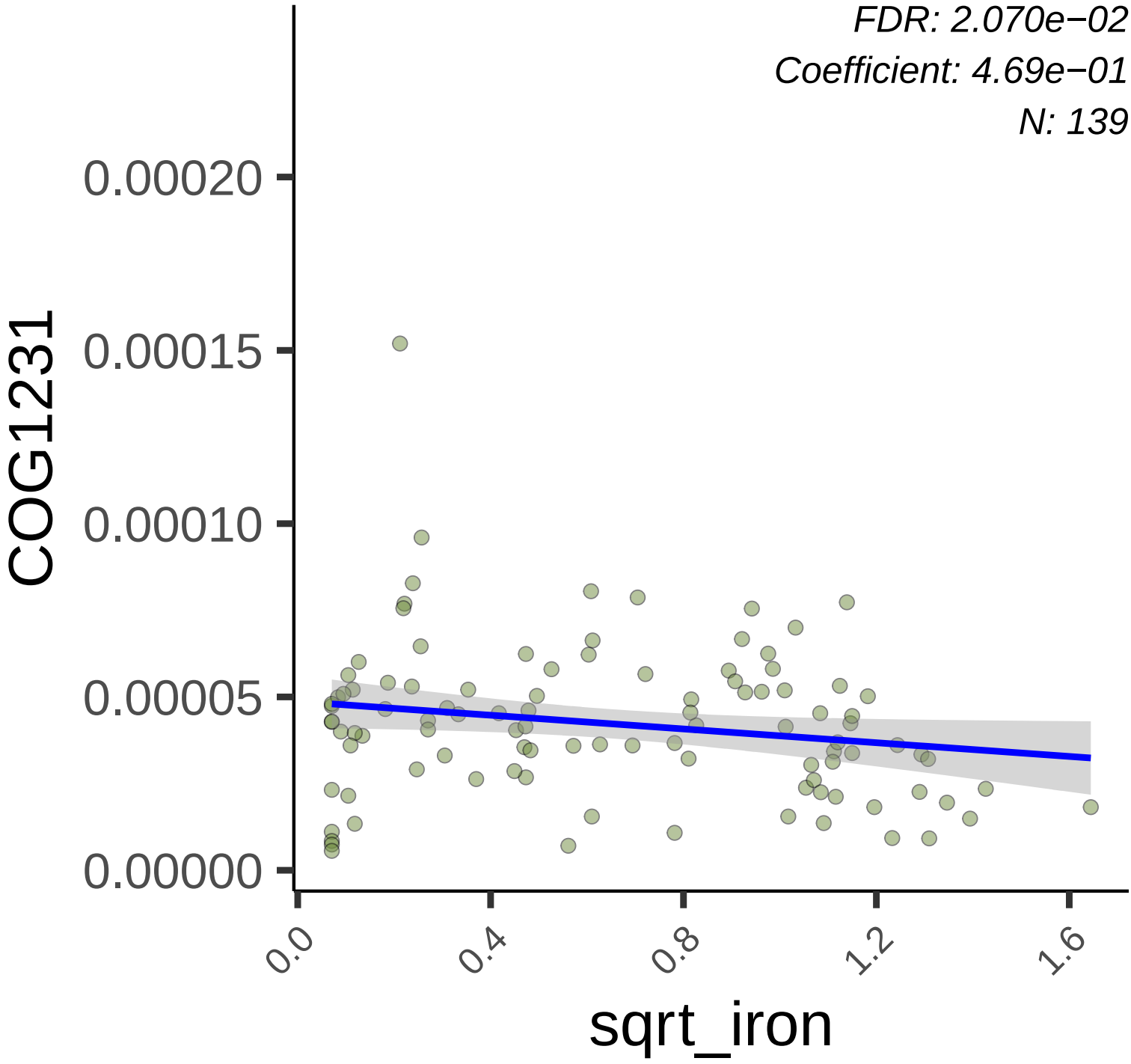
0.0012
0.0010
0.0008
COG0060
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.069e−02
Coefficient: −2.62e+00
N: 139
COG3560
1.5e−05
1.0e−05
5.0e−06
0.0e+00
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.070e−02
Coefficient: 4.69e−01
N: 139
COG1231
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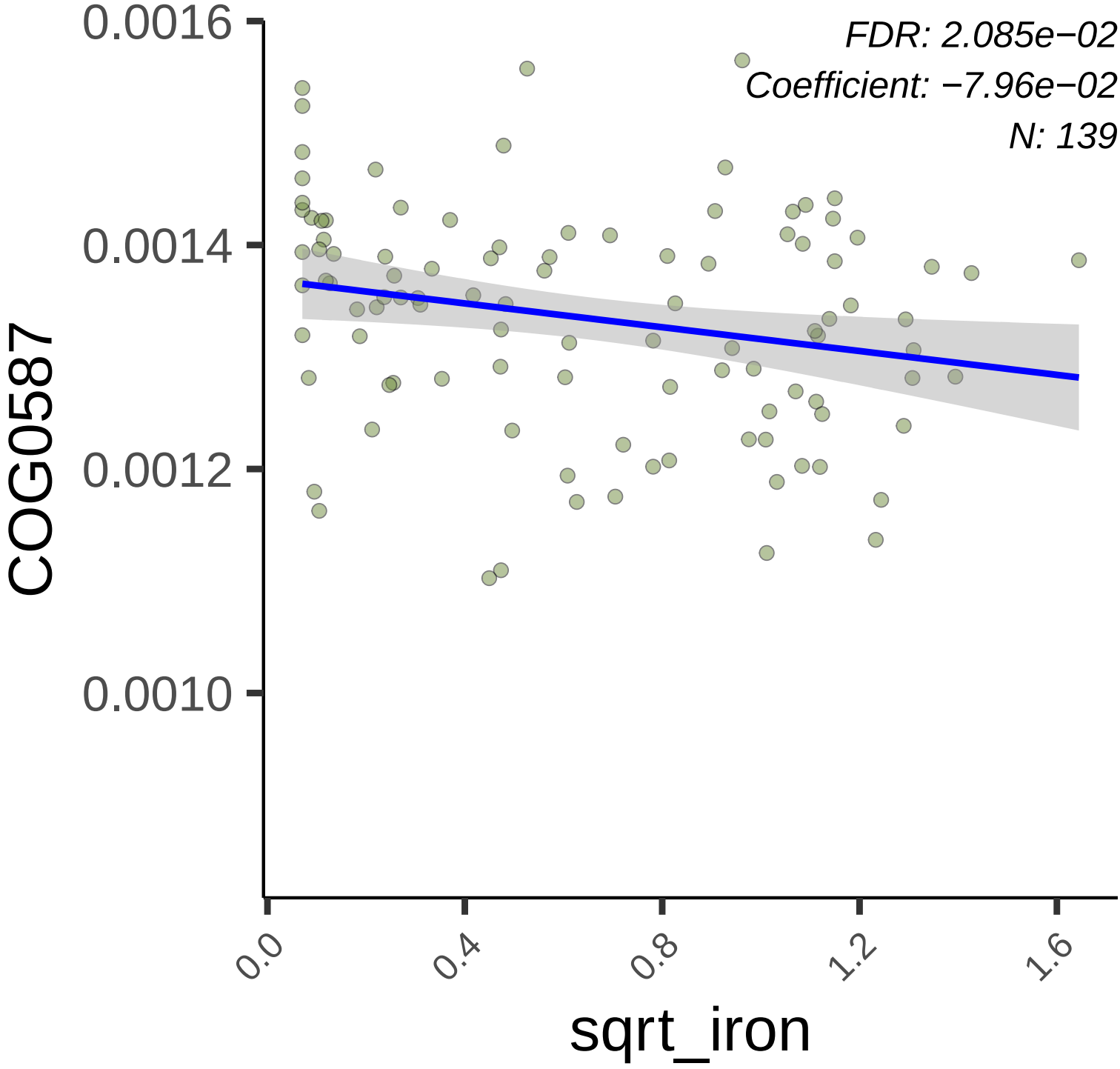
0.00010
0.00005
0.00000
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.085e−02
Coefficient: −7.96e−02
N: 139
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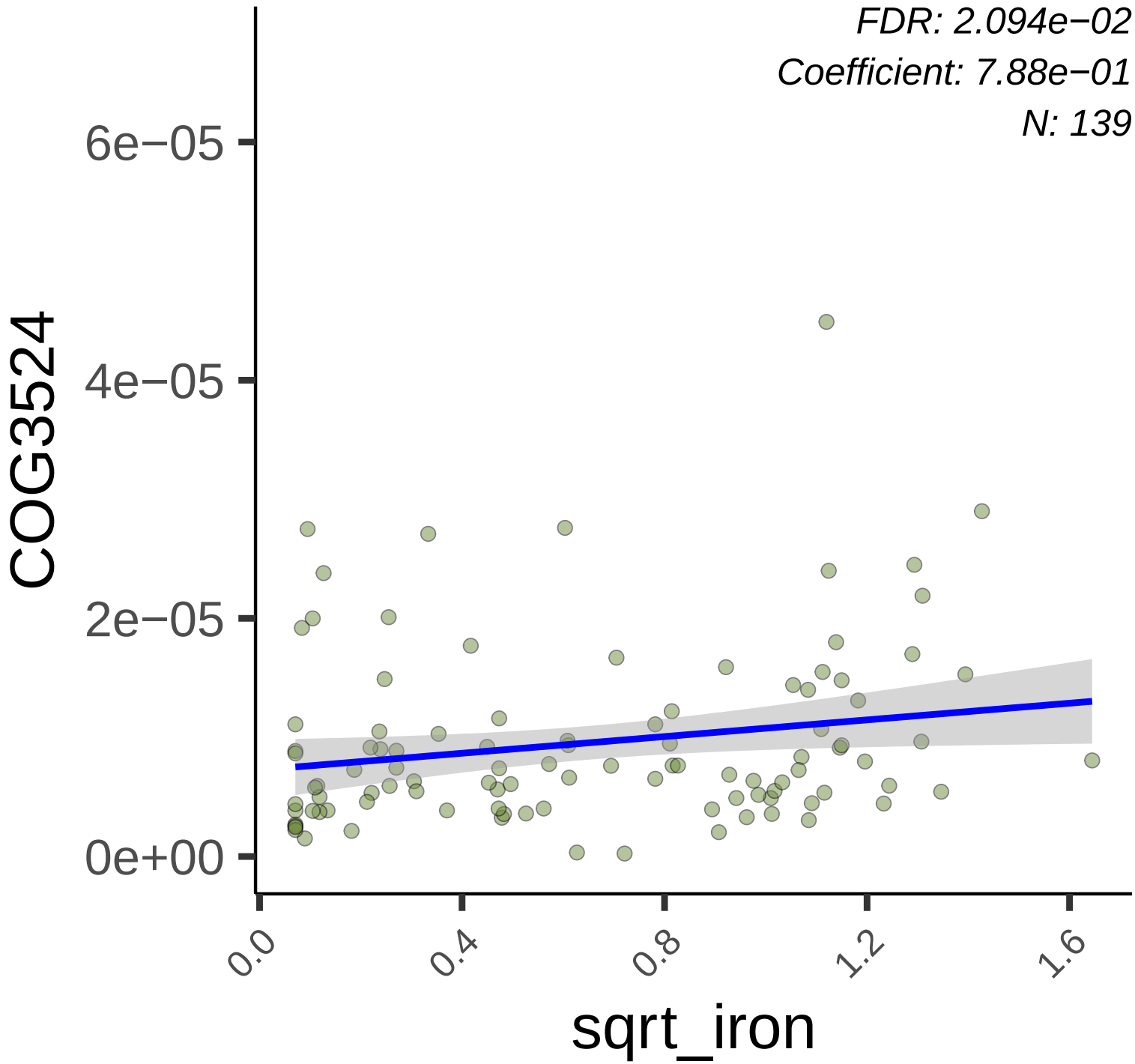
0.0014
0.0012
0.0010
COG0587
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.094e−02
Coefficient: 7.88e−01
N: 139
COG3524
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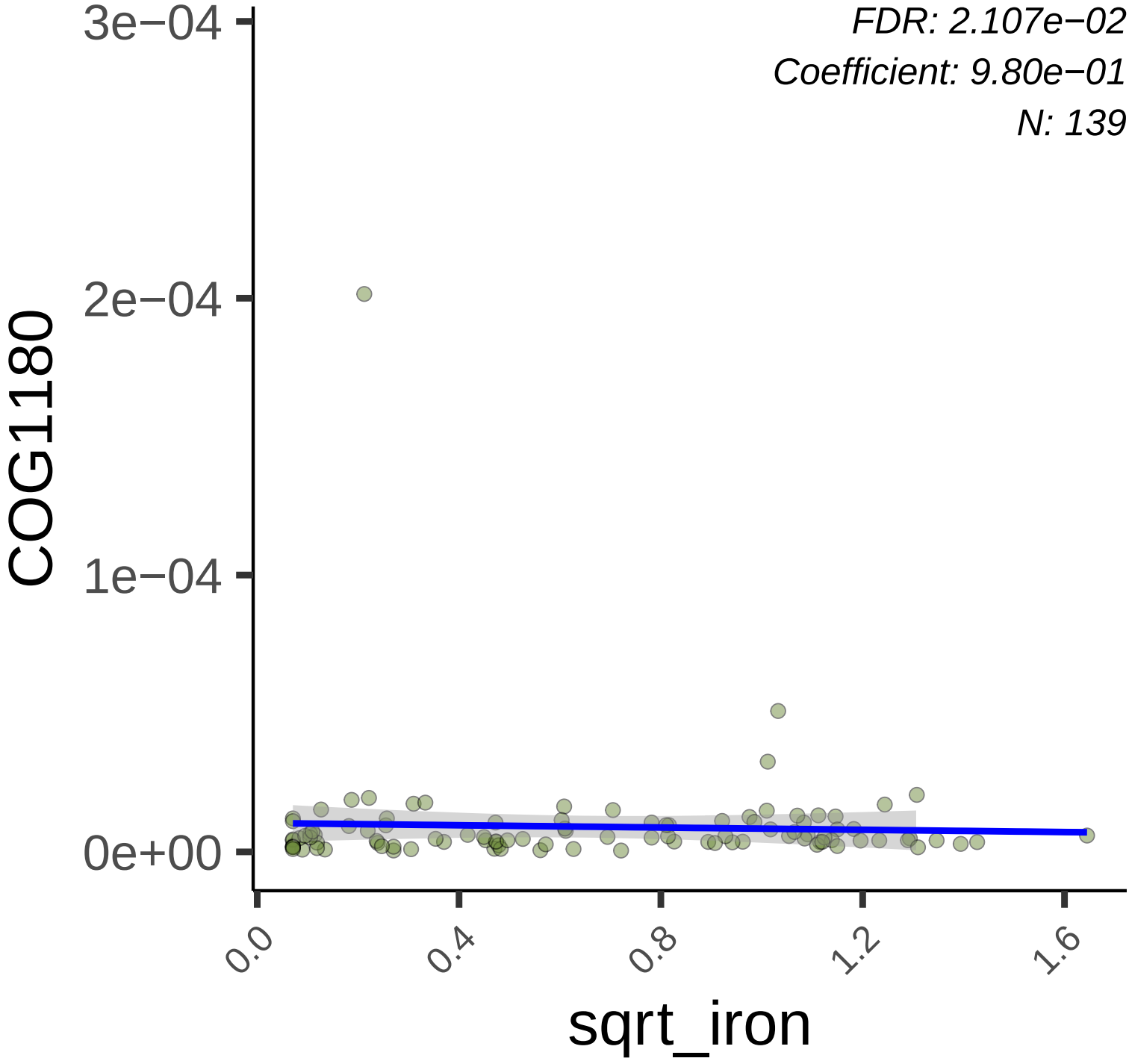
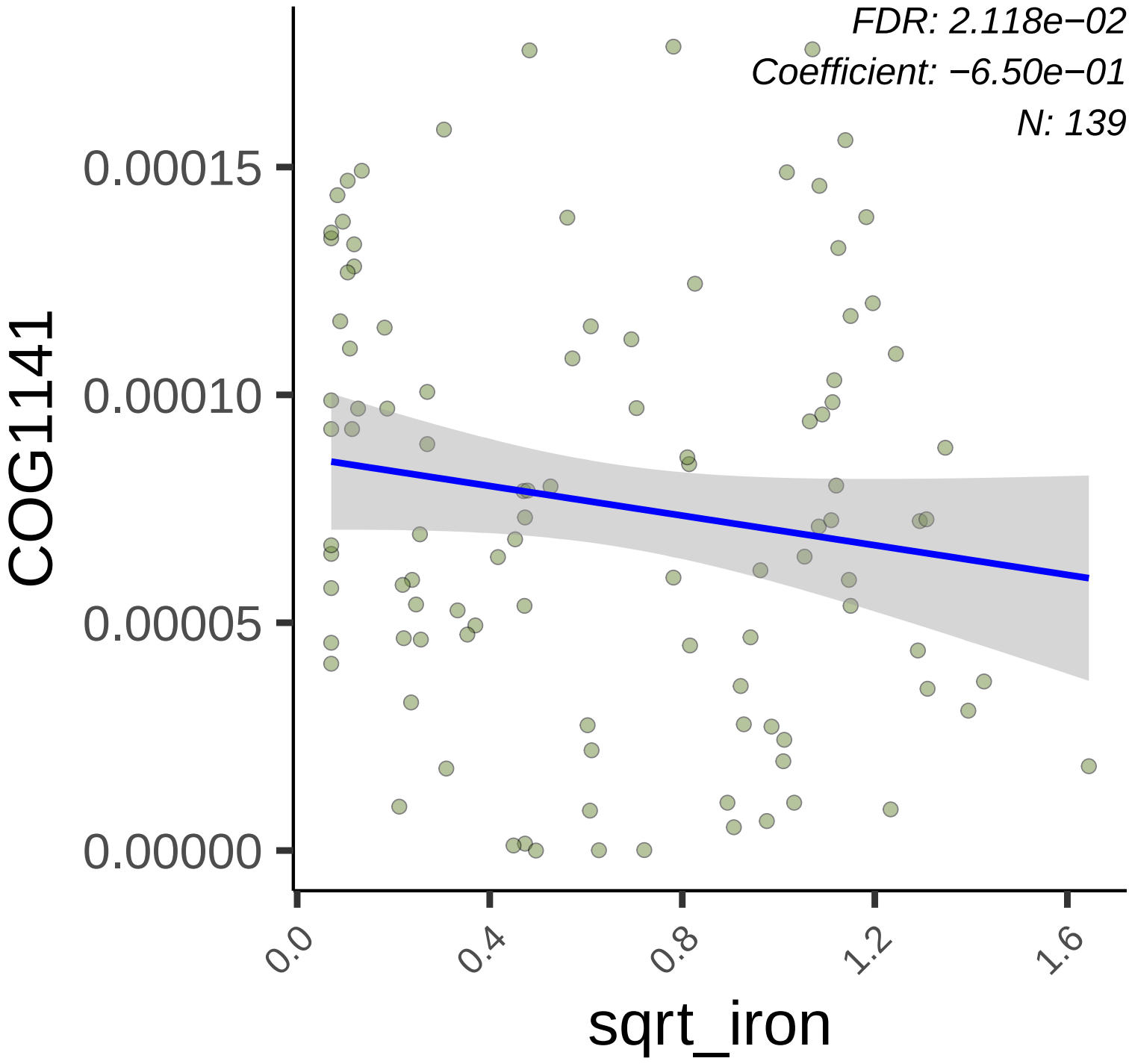
4e−05
2e−05
0e+00
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.107e−02
Coefficient: 9.80e−01
N: 139
3e−04
2e−04
1e−04
0e+00
COG1180
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.118e−02
Coefficient: −6.50e−01
N: 139
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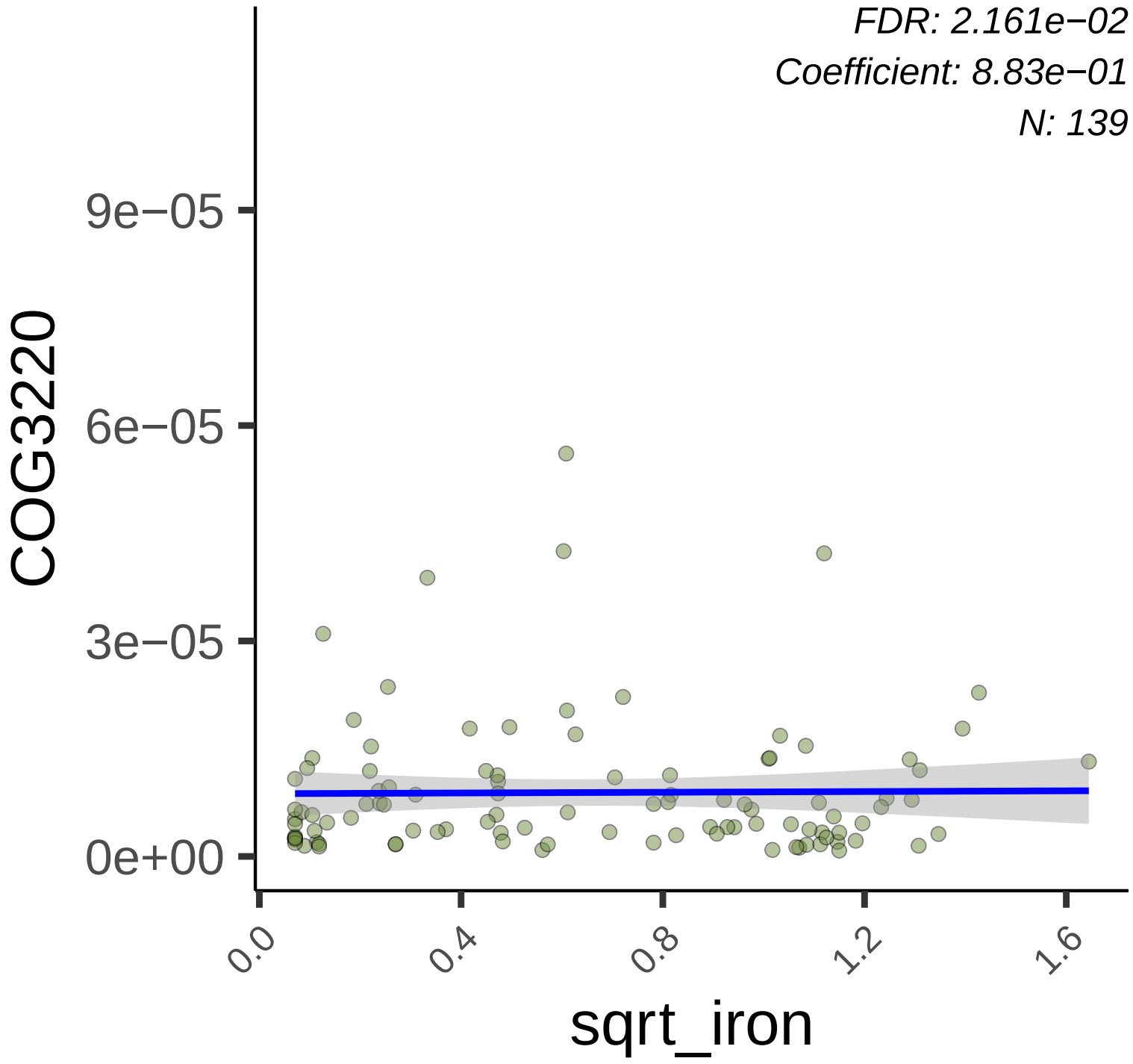
0.00000
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.161e−02
Coefficient: 8.83e−01
N: 139
COG3220
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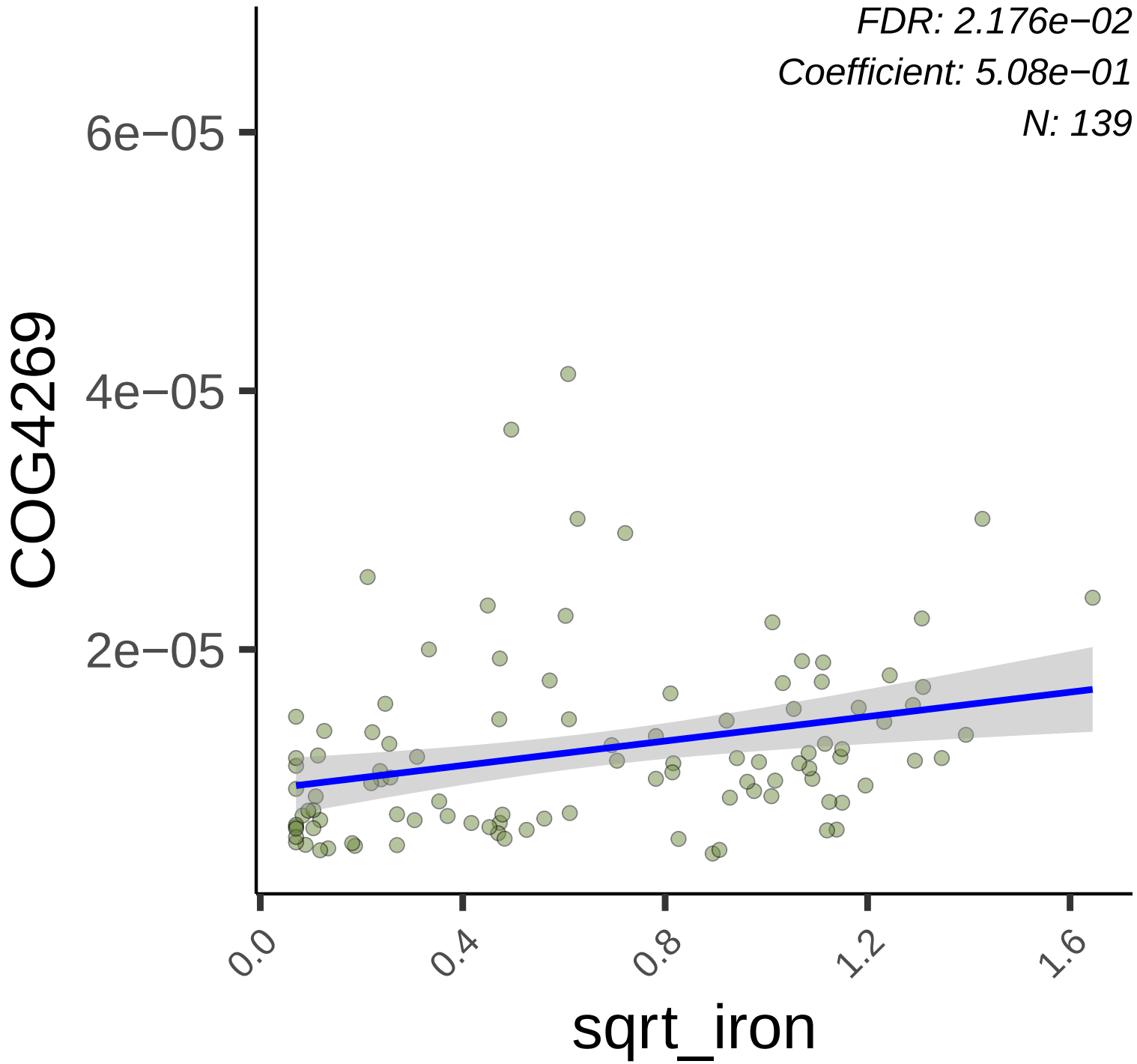
6e−05
3e−05
0e+00
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.176e−02
Coefficient: 5.08e−01
N: 139
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4e−05
2e−05
COG4269
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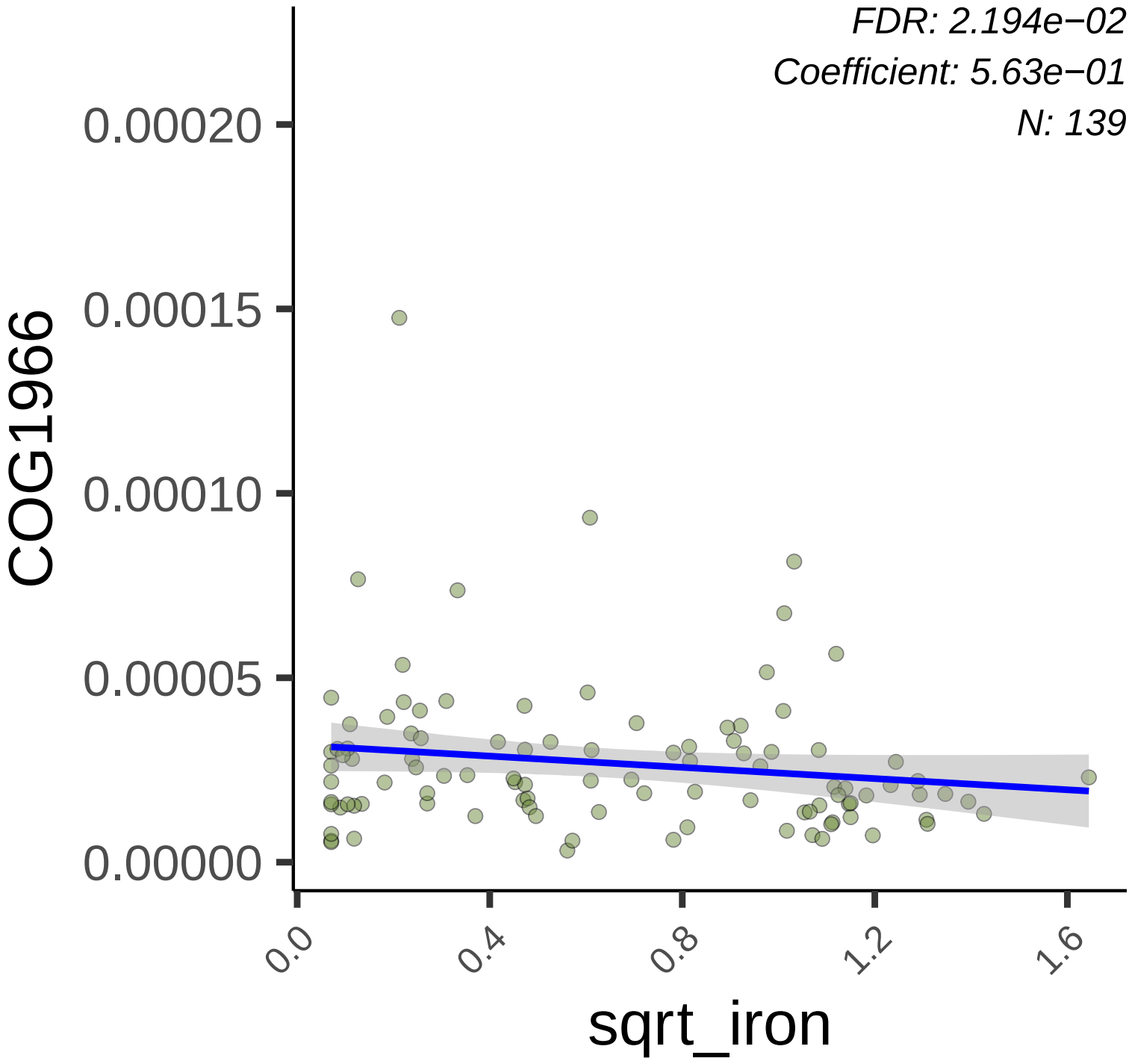
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.194e−02
Coefficient: 5.63e−01
N: 139
COG1966
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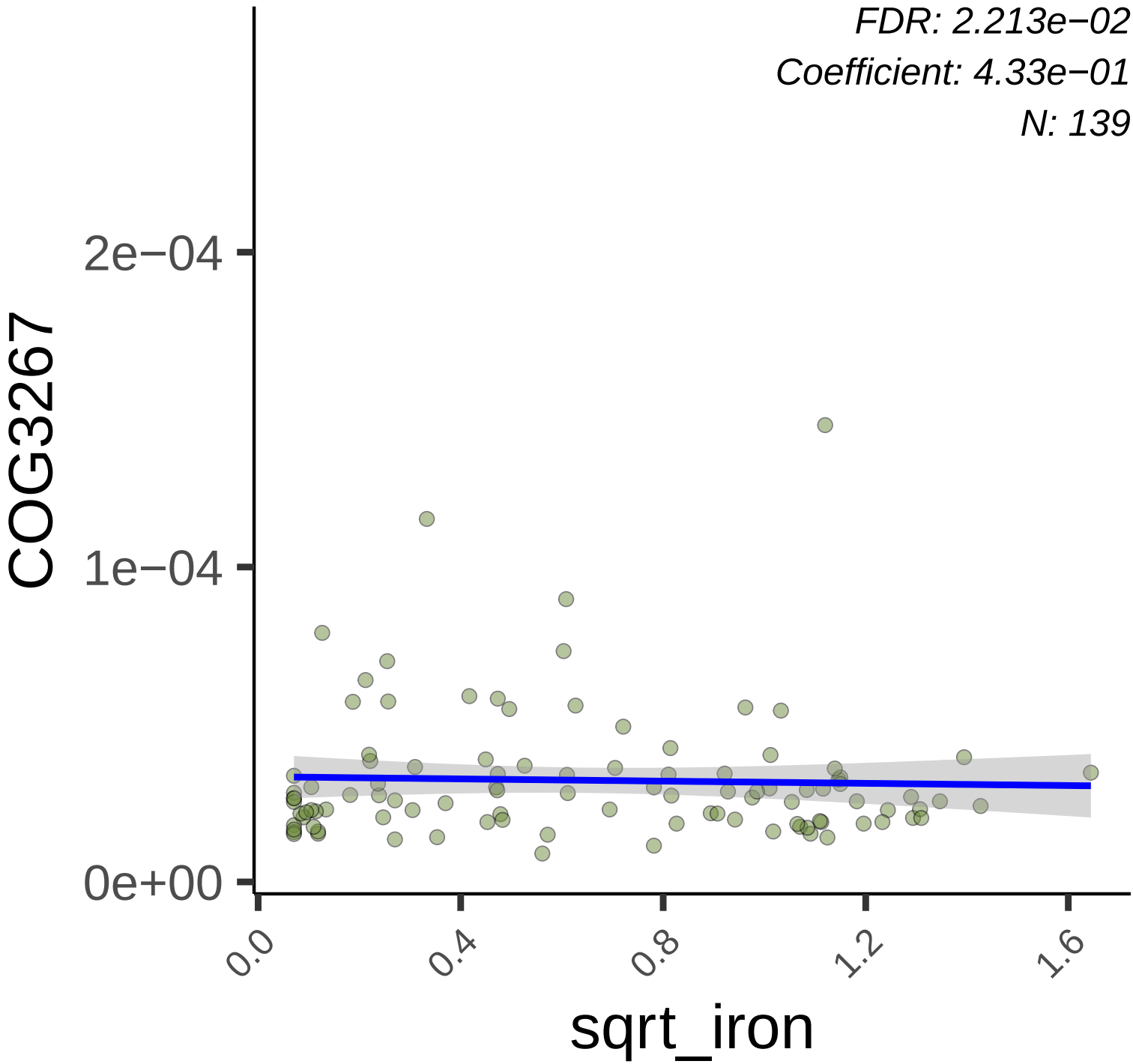
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.213e−02
Coefficient: 4.33e−01
N: 139
COG3267
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1e−04
0e+00
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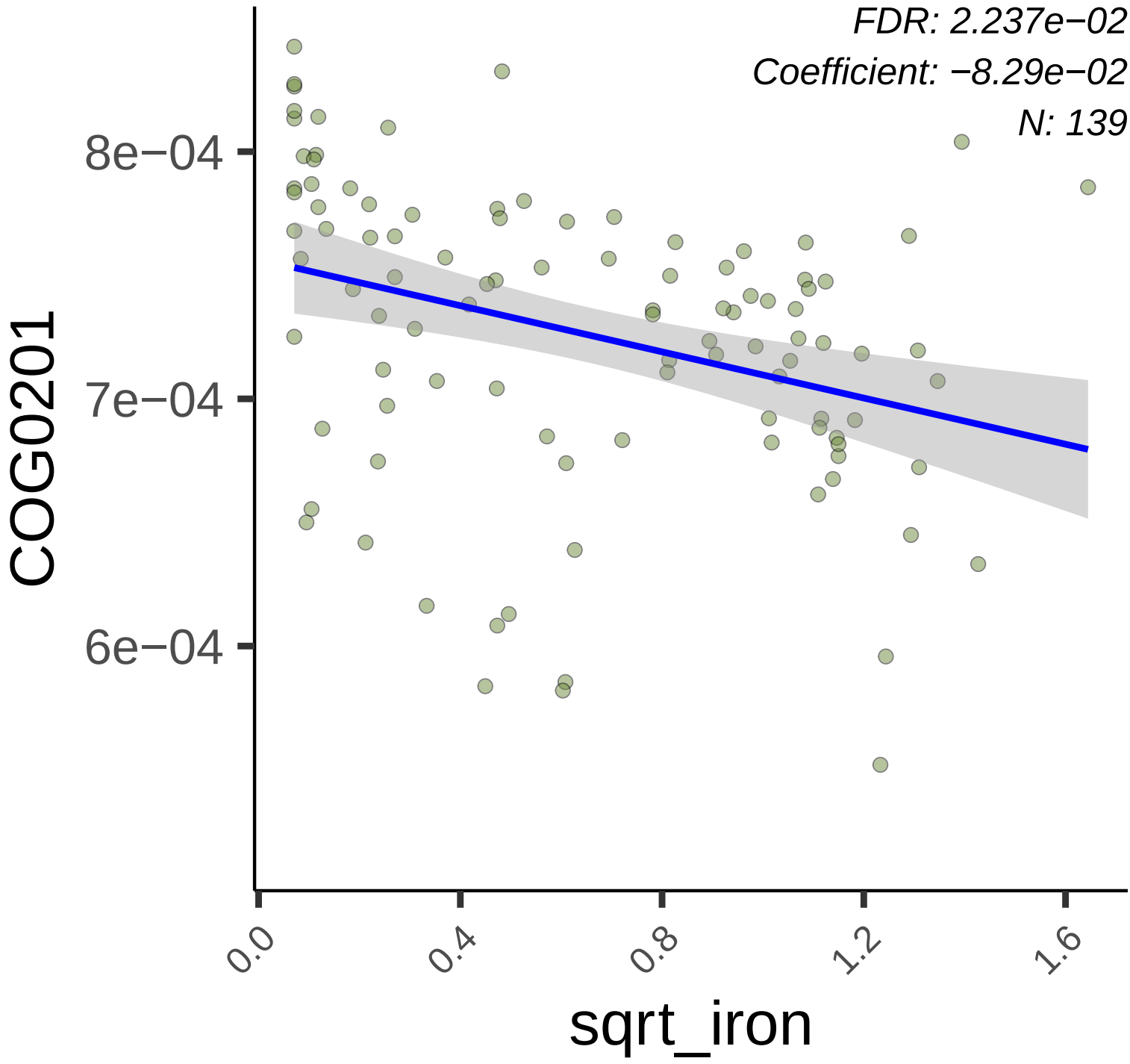
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.237e−02
Coefficient: −8.29e−02
N: 139
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7e−04
6e−04
COG0201
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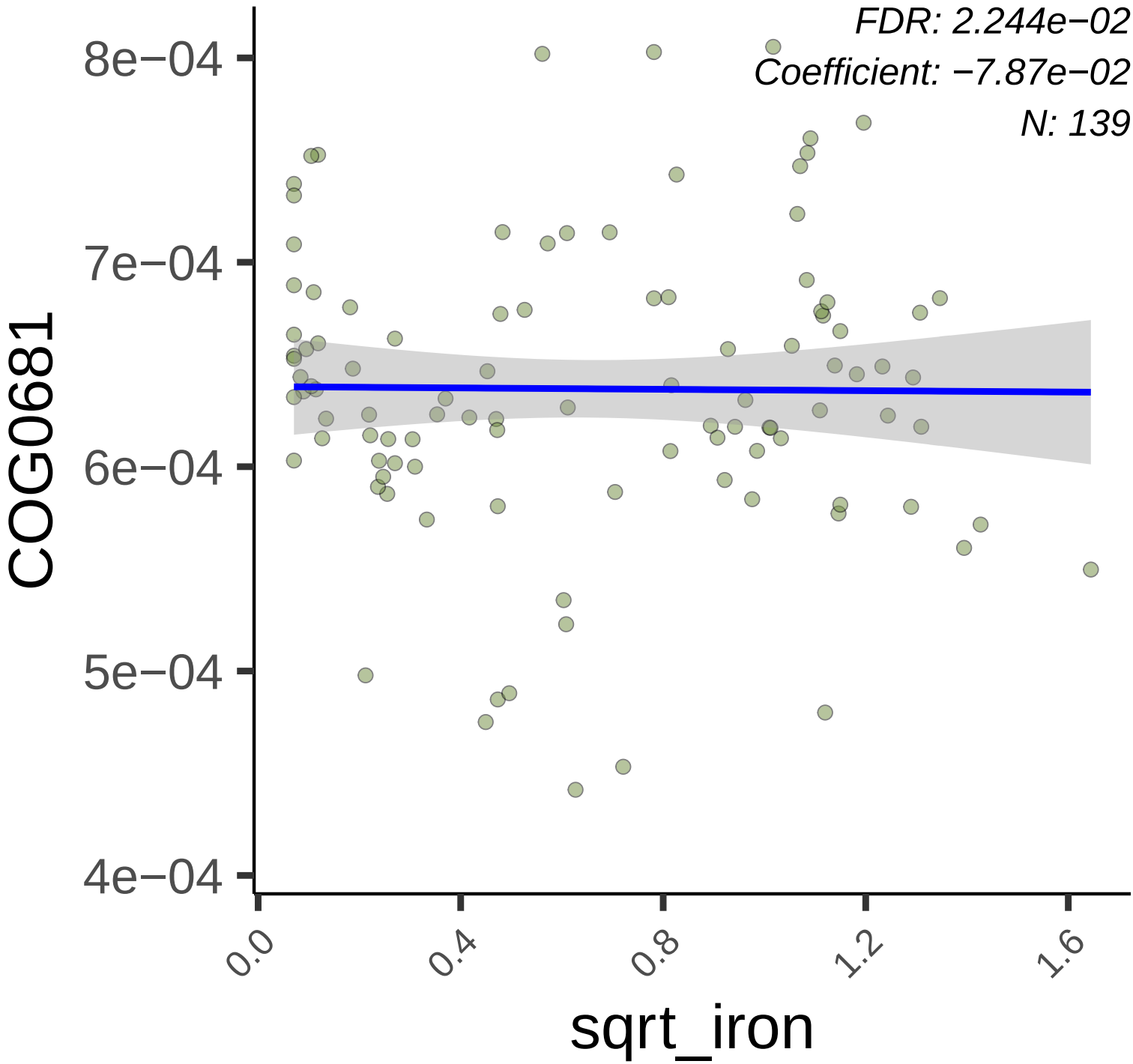
1.2
1.6
sqrt_iron


FDR: 2.244e−02
Coefficient: −7.87e−02
N: 139
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7e−04
6e−04
5e−04
4e−04
COG0681
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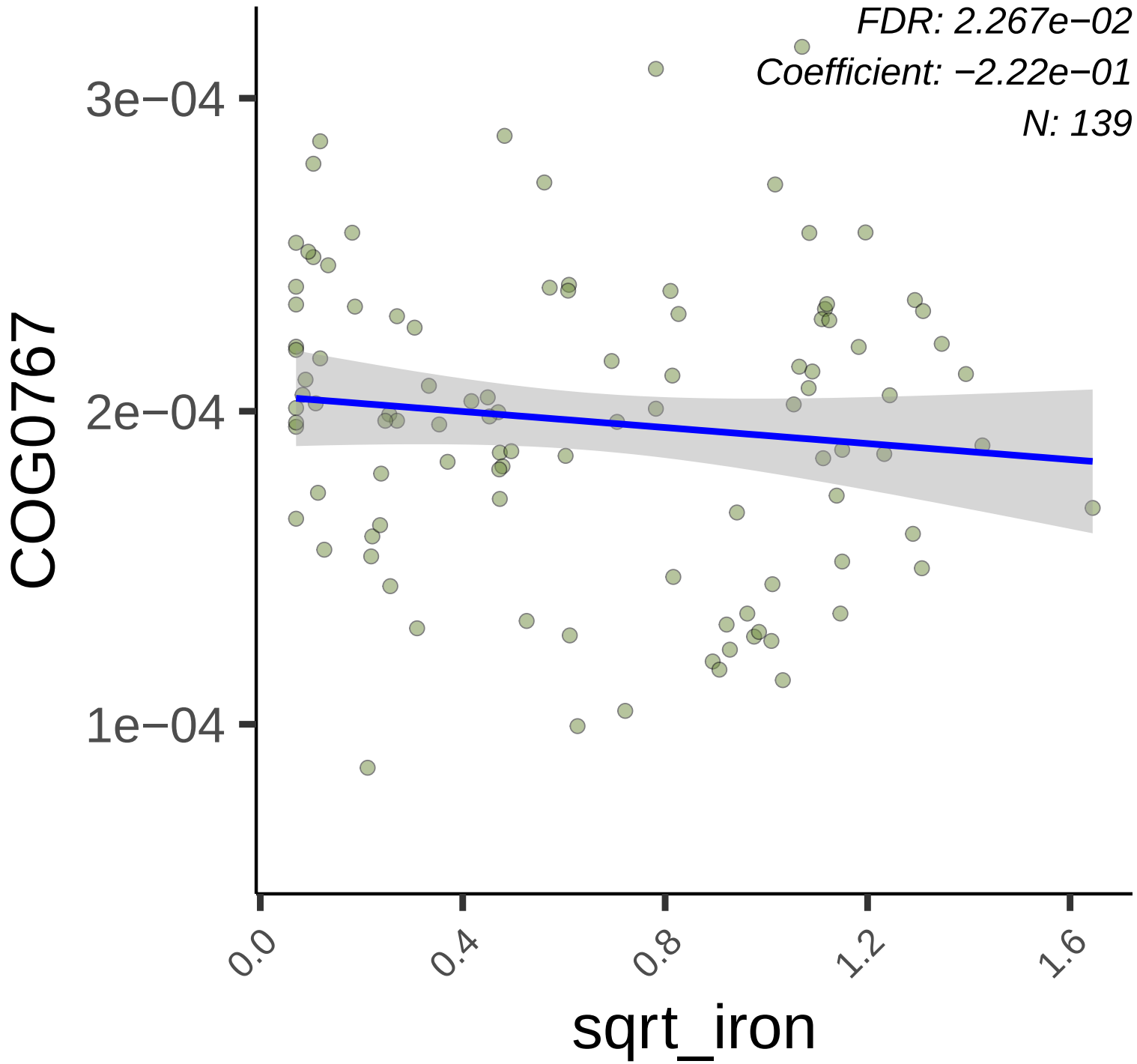
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.267e−02
Coefficient: −2.22e−01
N: 139
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2e−04
1e−04
COG0767
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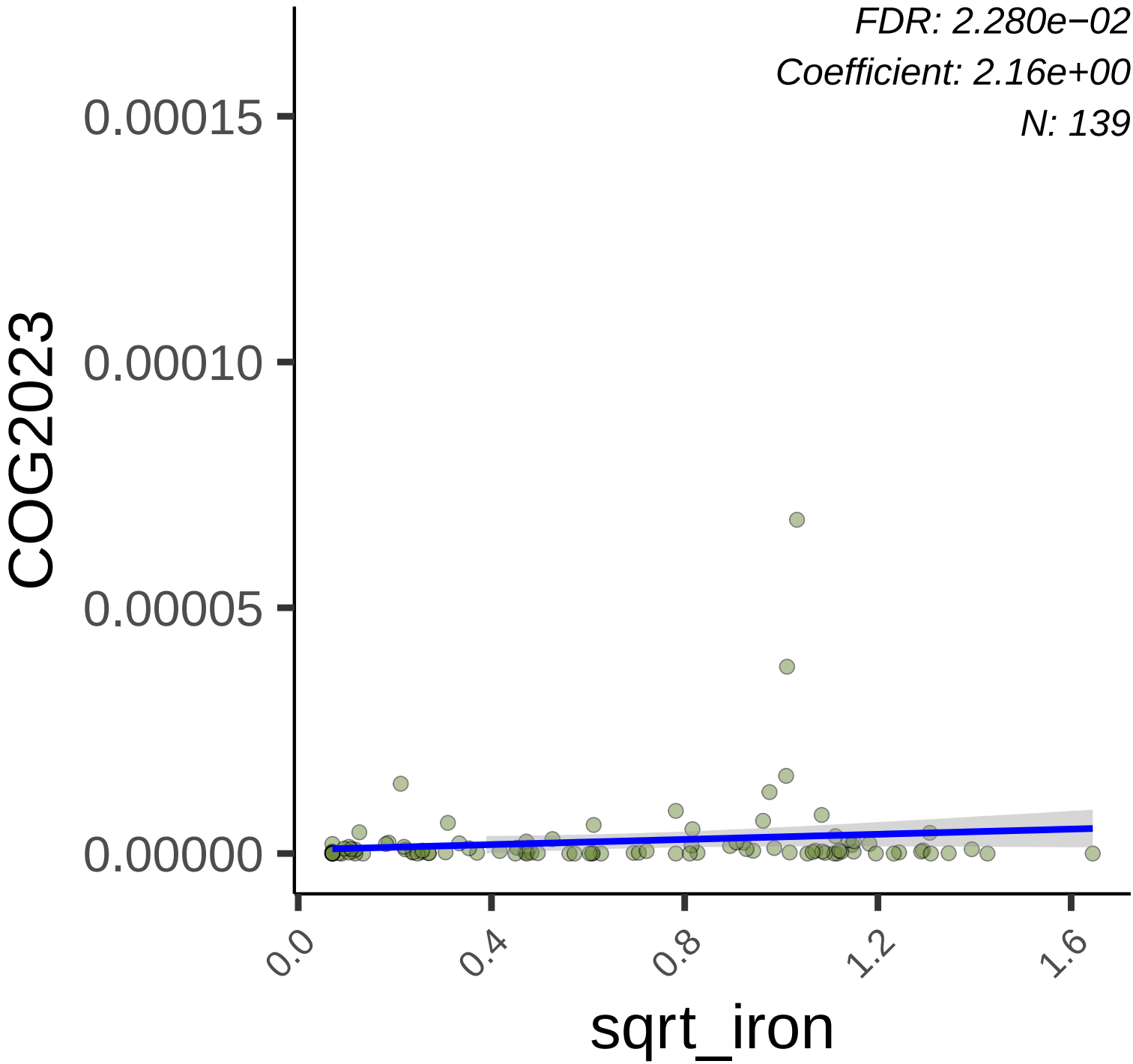
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.280e−02
Coefficient: 2.16e+00
N: 139
COG2023
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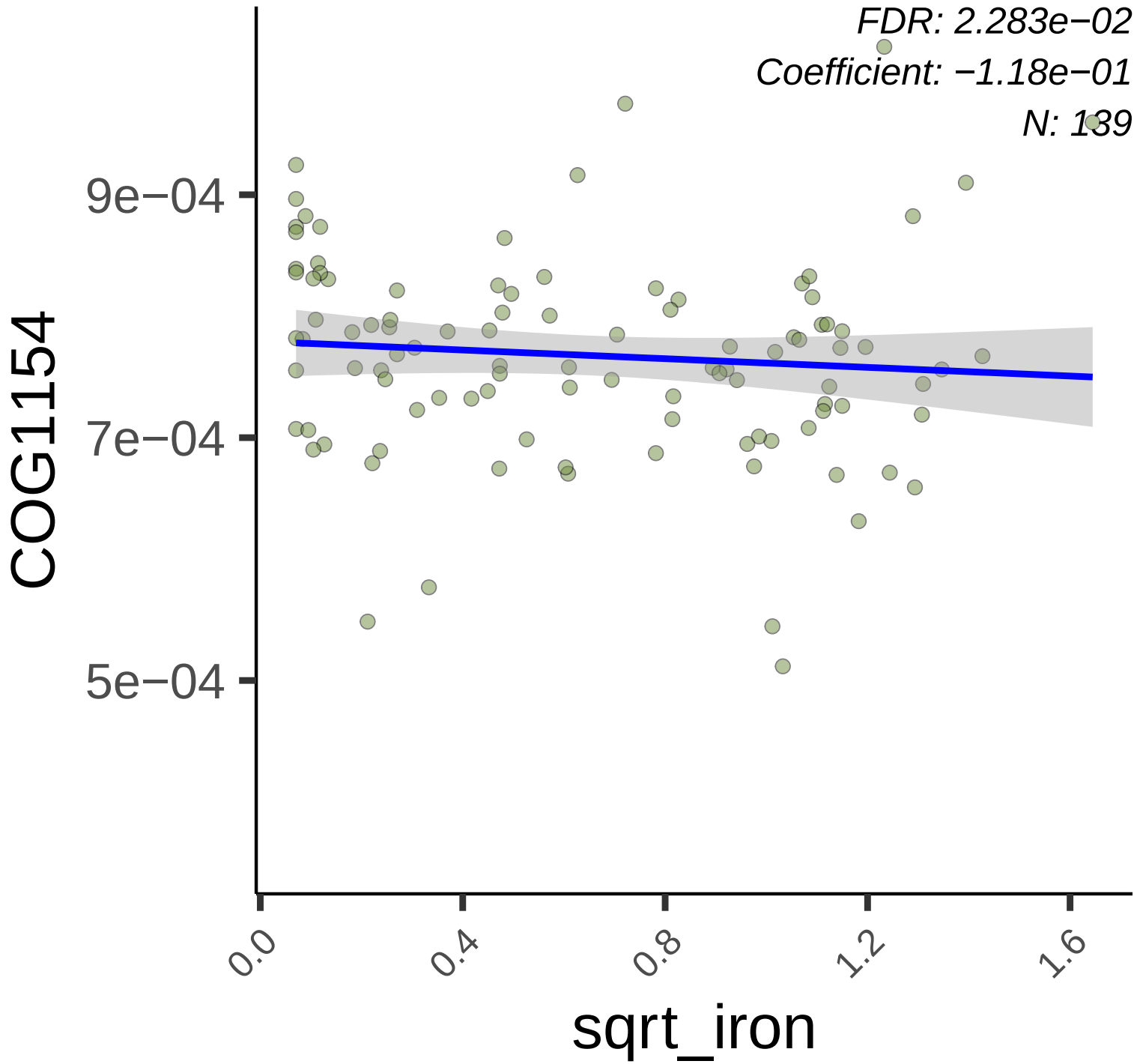
0.00010
0.00005
0.00000
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.283e−02
Coefficient: −1.18e−01
N: 139
9e−04
7e−04
5e−04
COG1154
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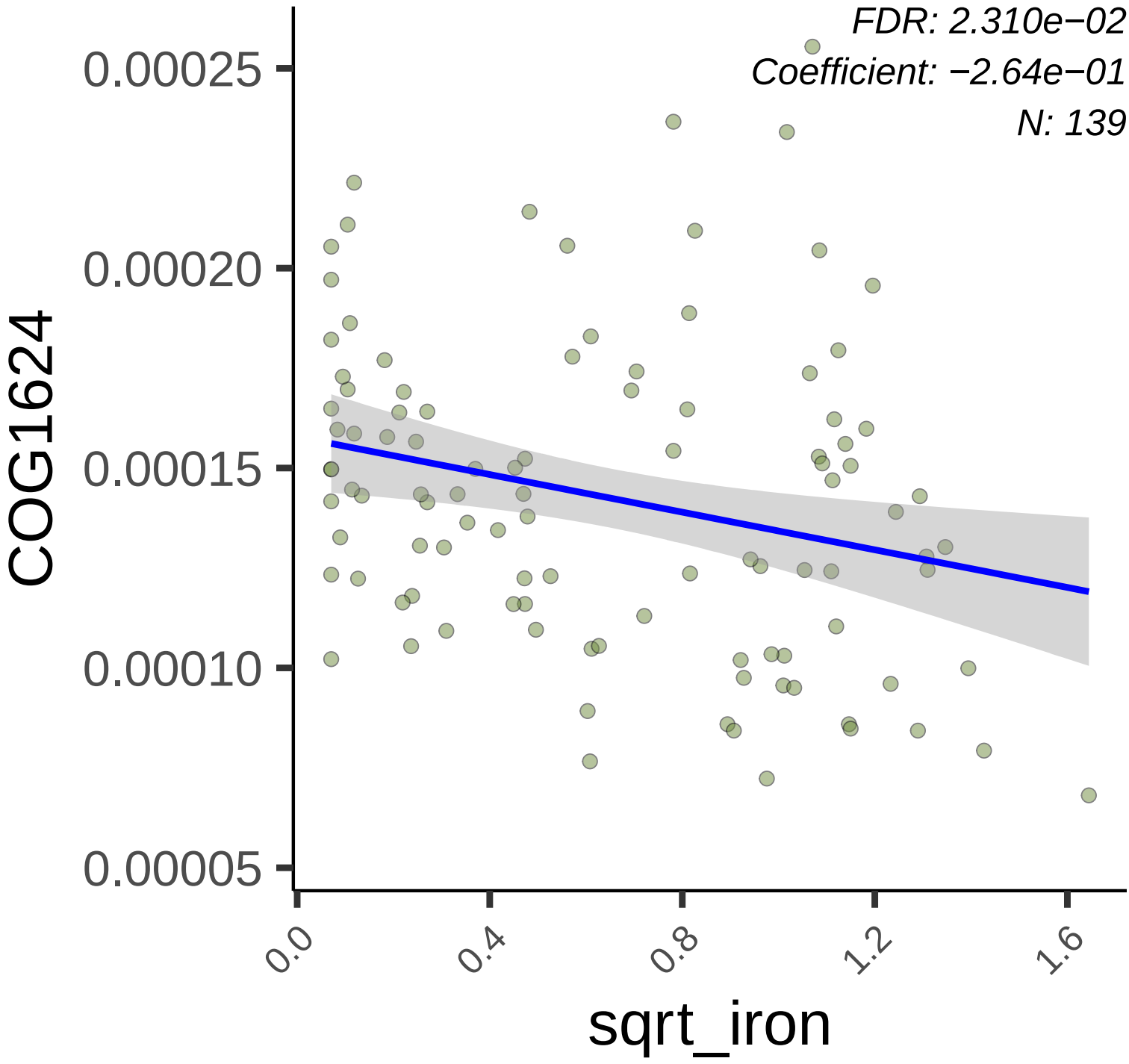
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.310e−02
Coefficient: −2.64e−01
N: 139
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0.00010
0.00005
COG1624
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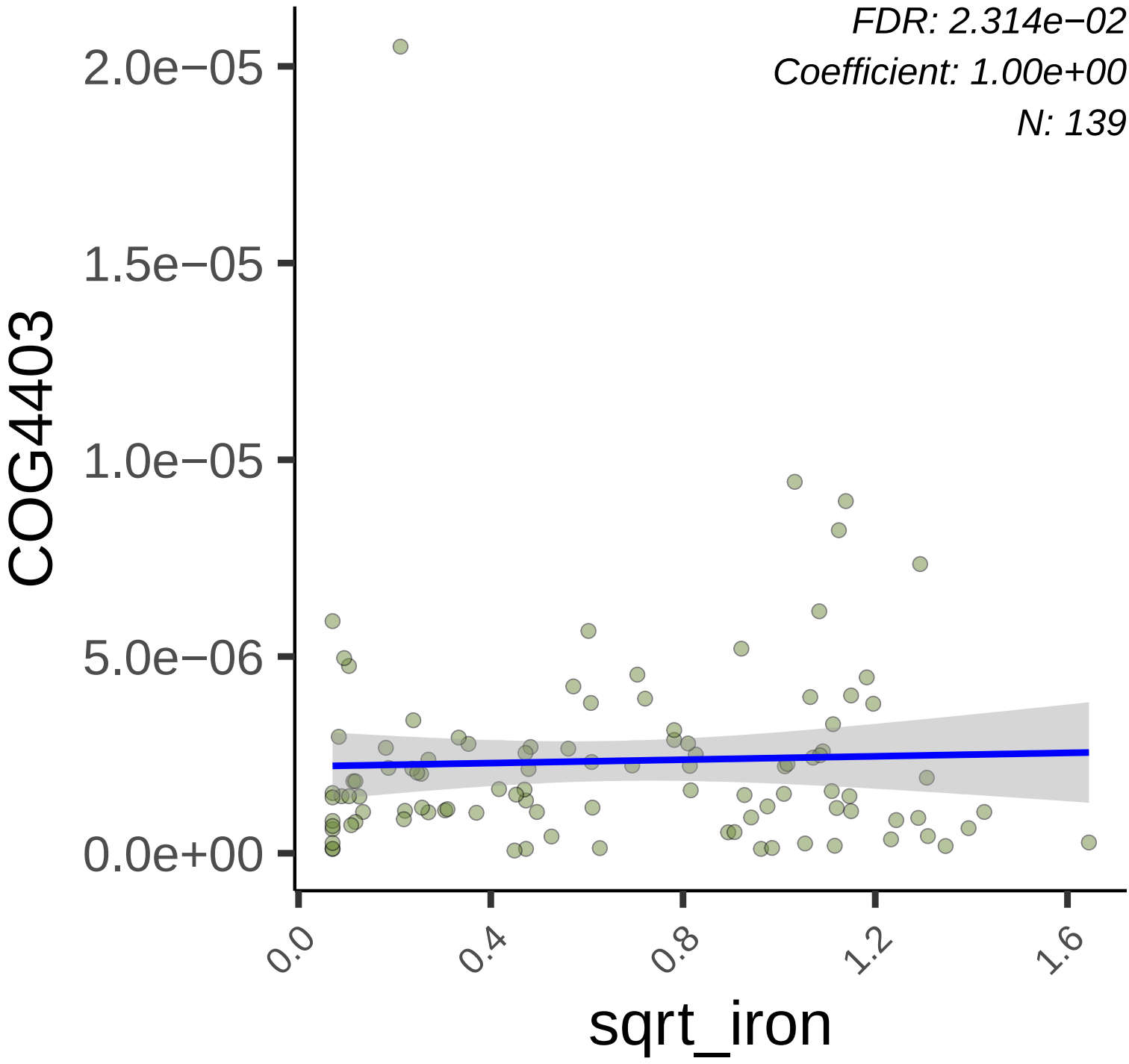
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.314e−02
Coefficient: 1.00e+00
N: 139
COG4403
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5.0e−06
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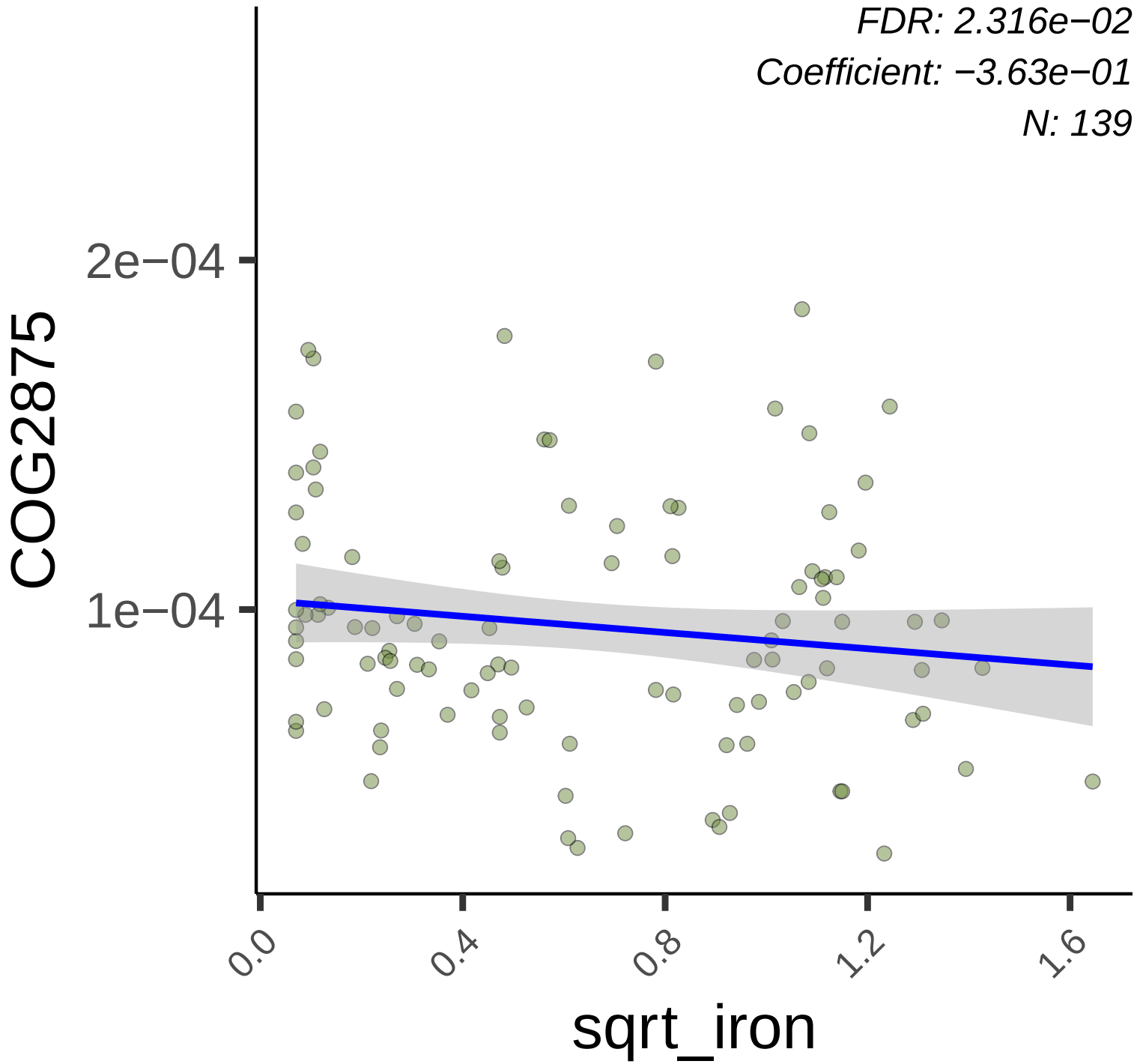
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.316e−02
Coefficient: −3.63e−01
N: 139
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1e−04
COG2875
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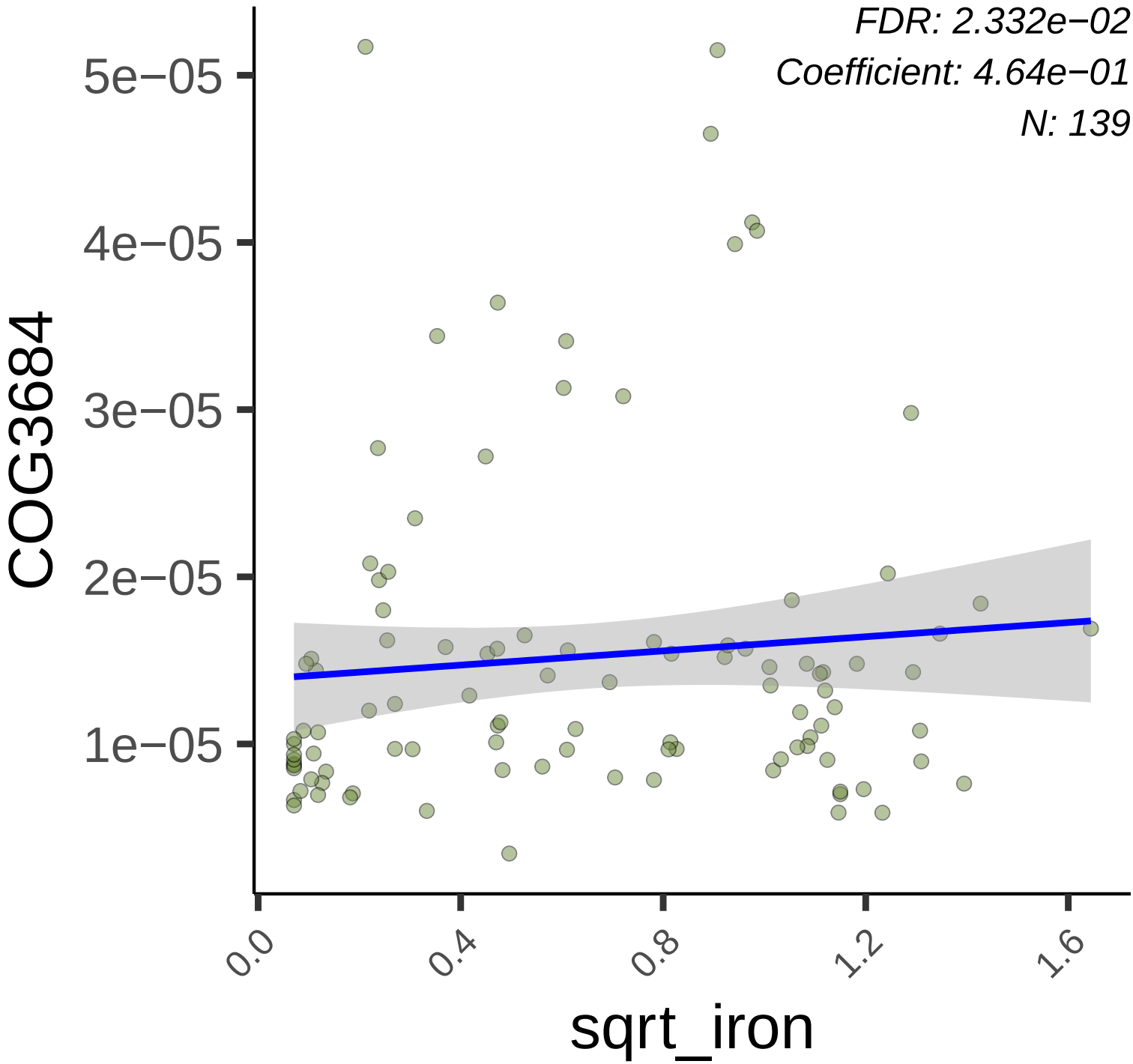
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.332e−02
Coefficient: 4.64e−01
N: 139
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4e−05
3e−05
2e−05
1e−05
COG3684
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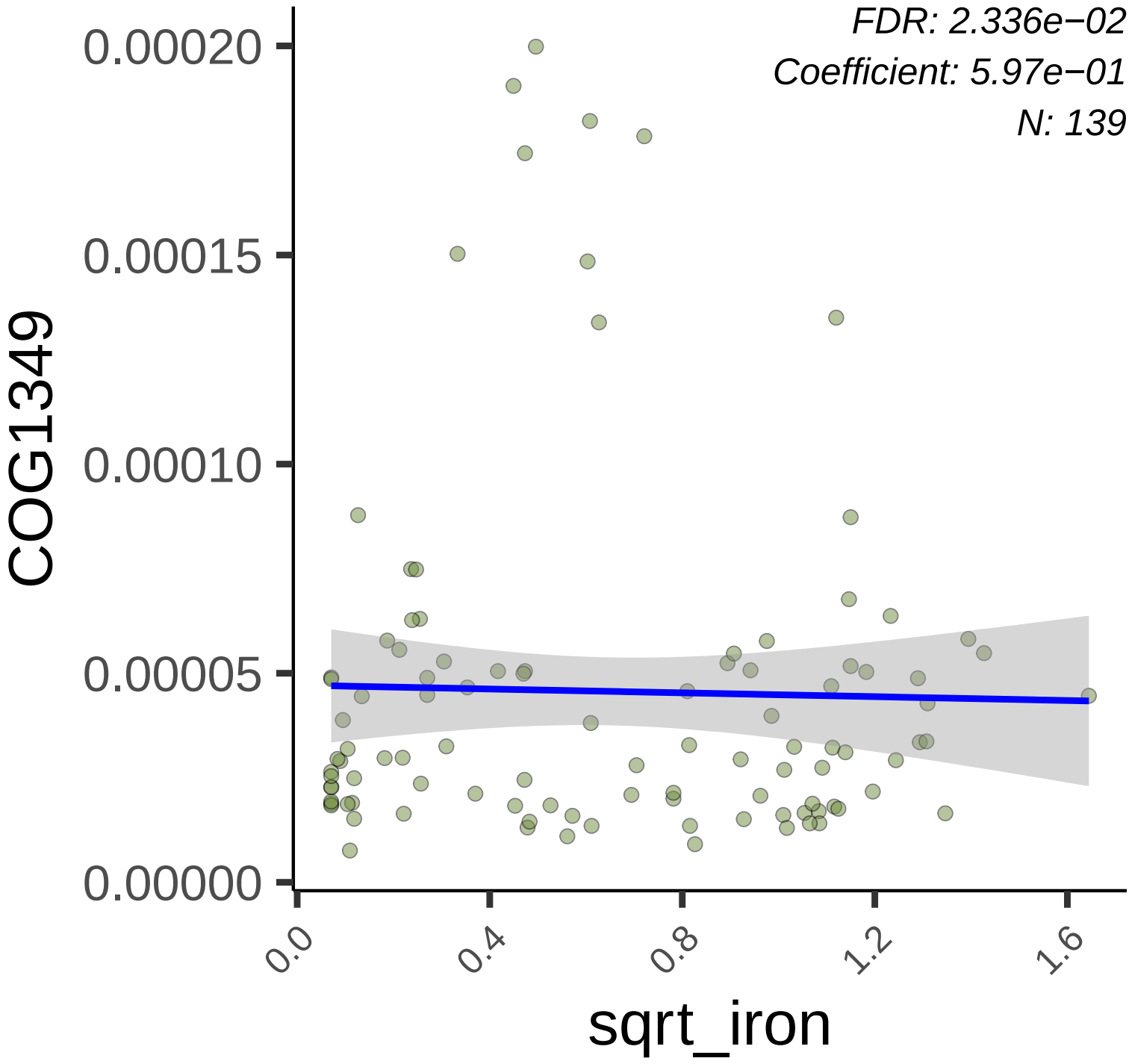
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.336e−02
Coefficient: 5.97e−01
N: 139
COG1349
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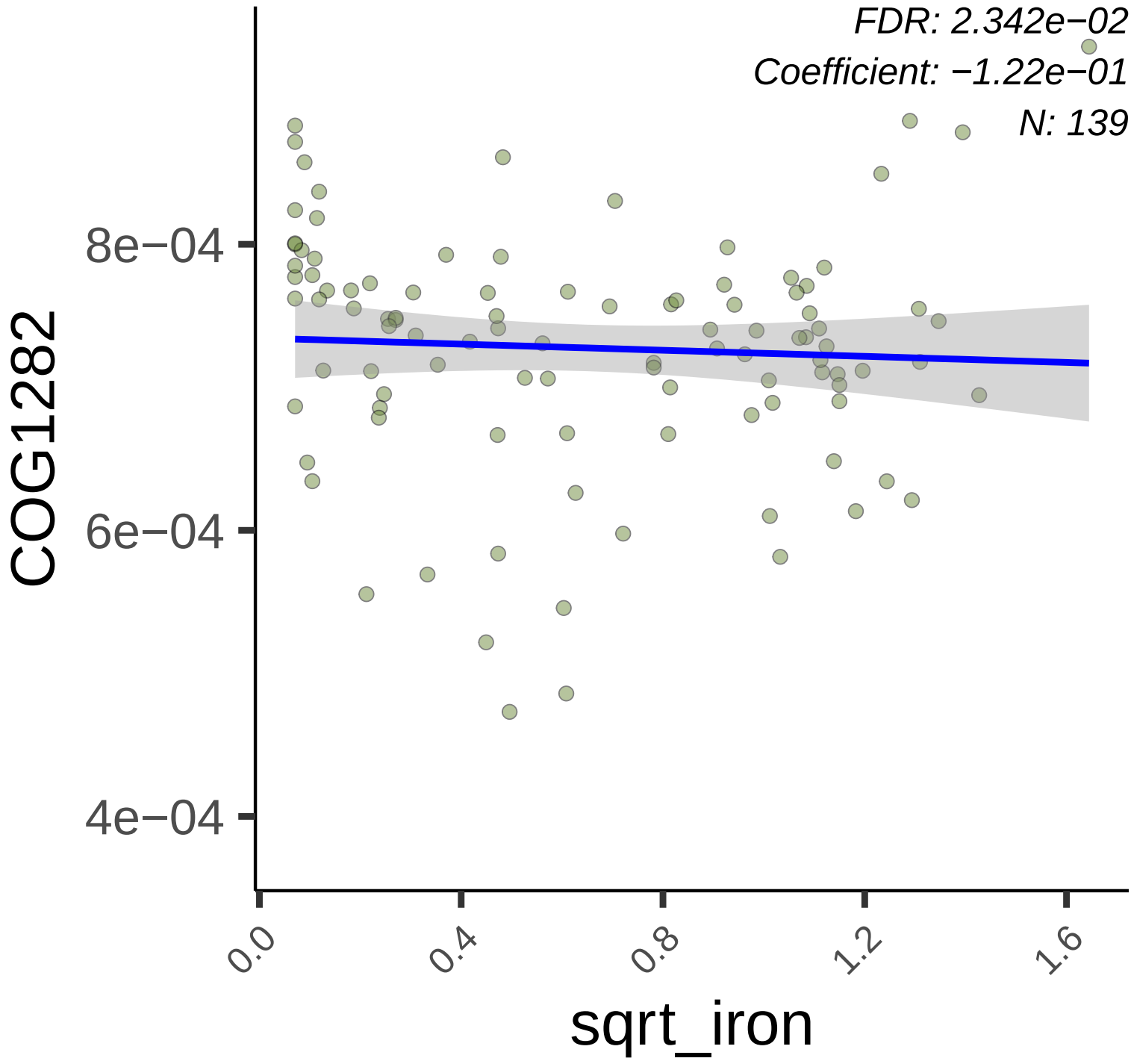
1.6
sqrt_iron


FDR: 2.342e−02
Coefficient: −1.22e−01
N: 139
COG1282
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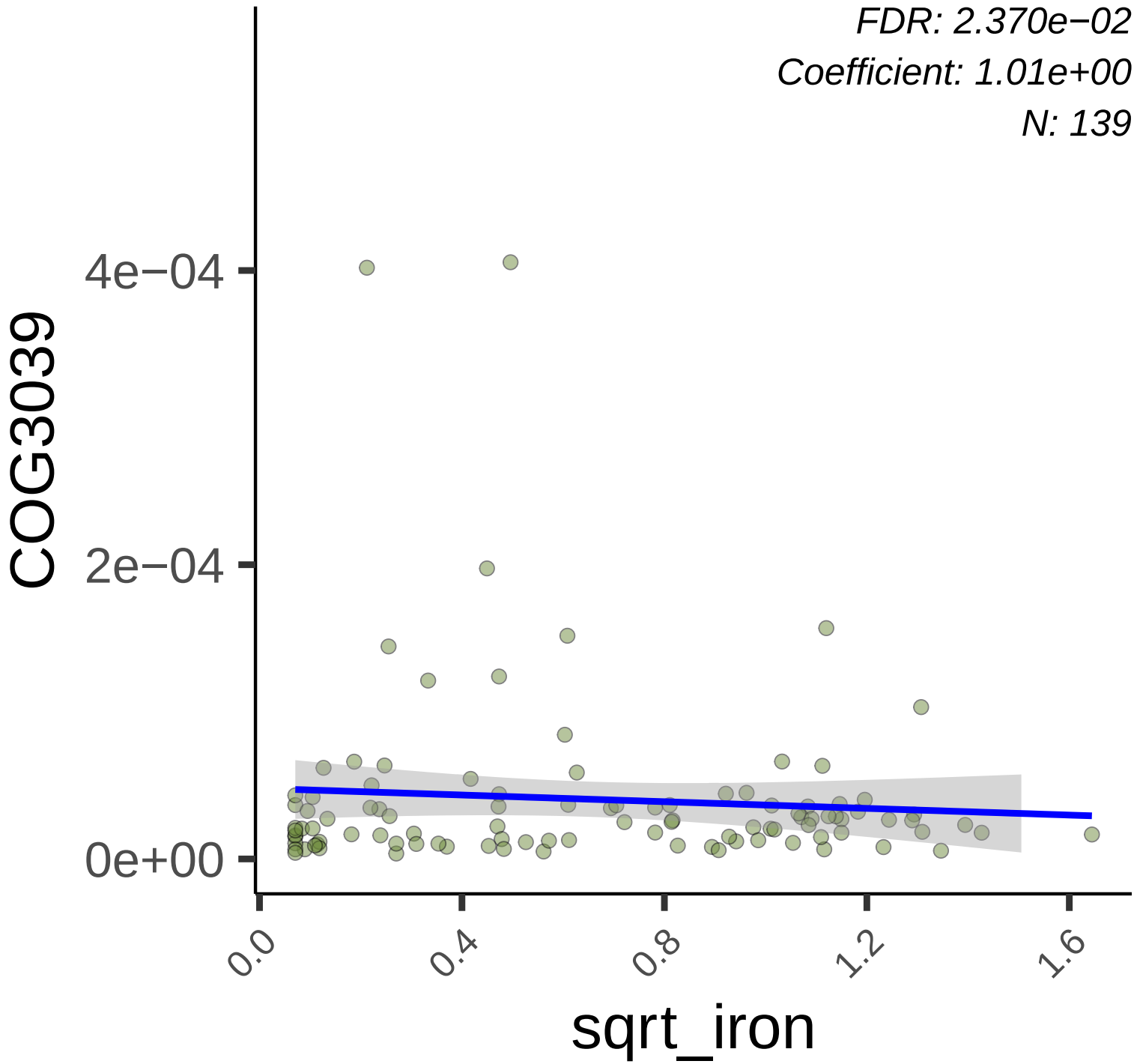
1.6
sqrt_iron


FDR: 2.370e−02
Coefficient: 1.01e+00
N: 139
COG3039
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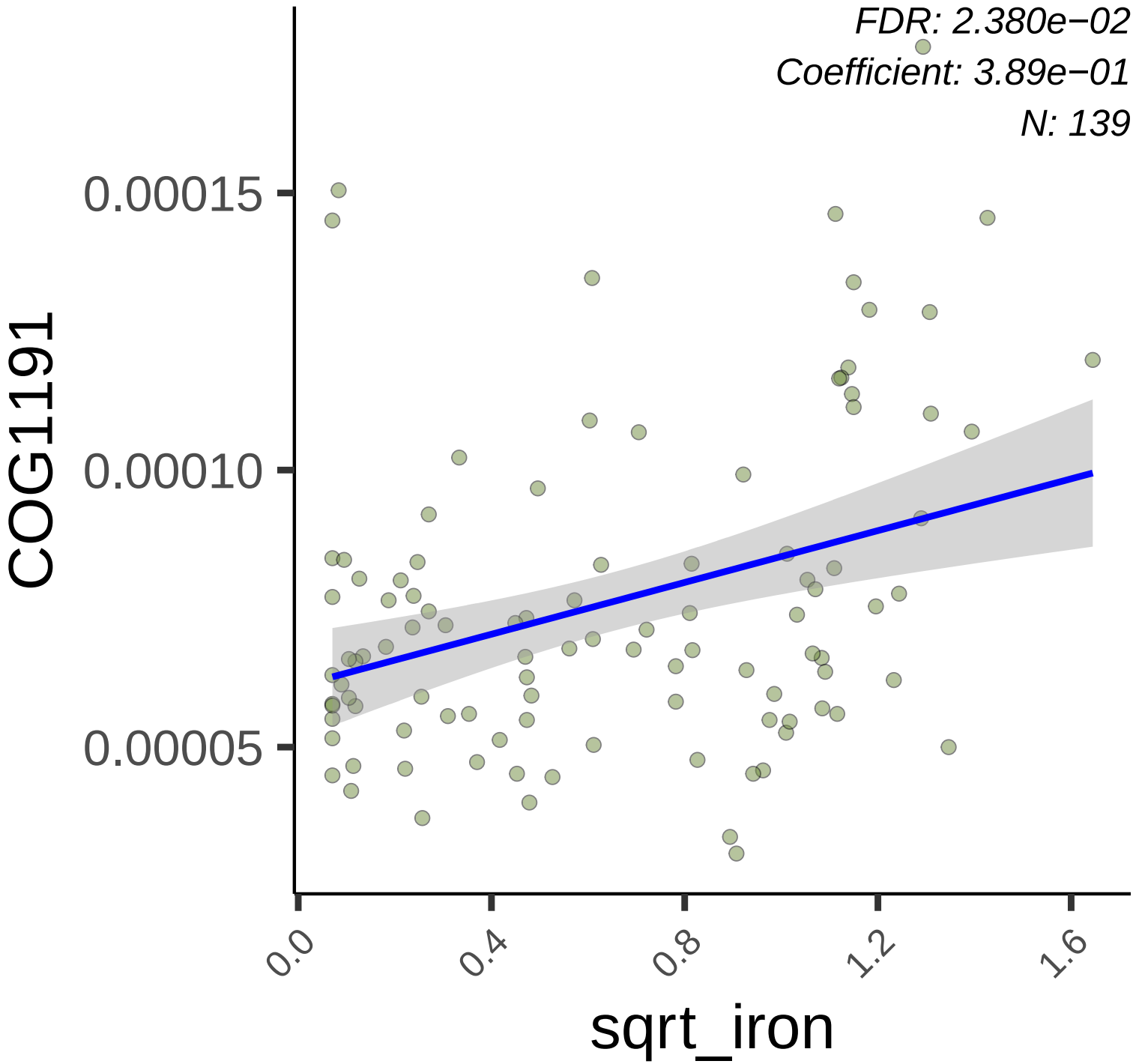
1.6
sqrt_iron


FDR: 2.380e−02
Coefficient: 3.89e−01
N: 139
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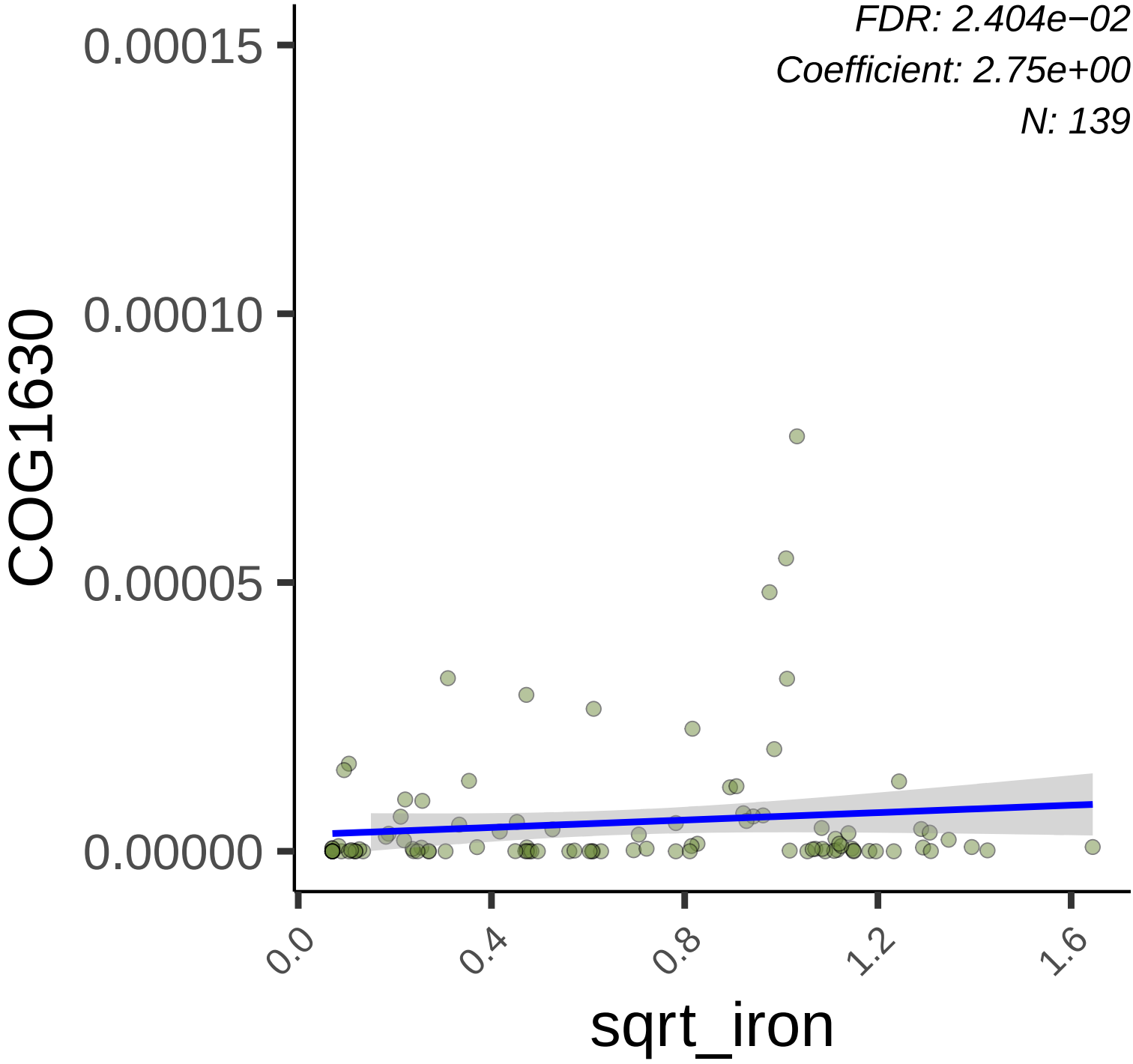
1.6
sqrt_iron


FDR: 2.404e−02
Coefficient: 2.75e+00
N: 139
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COG1630
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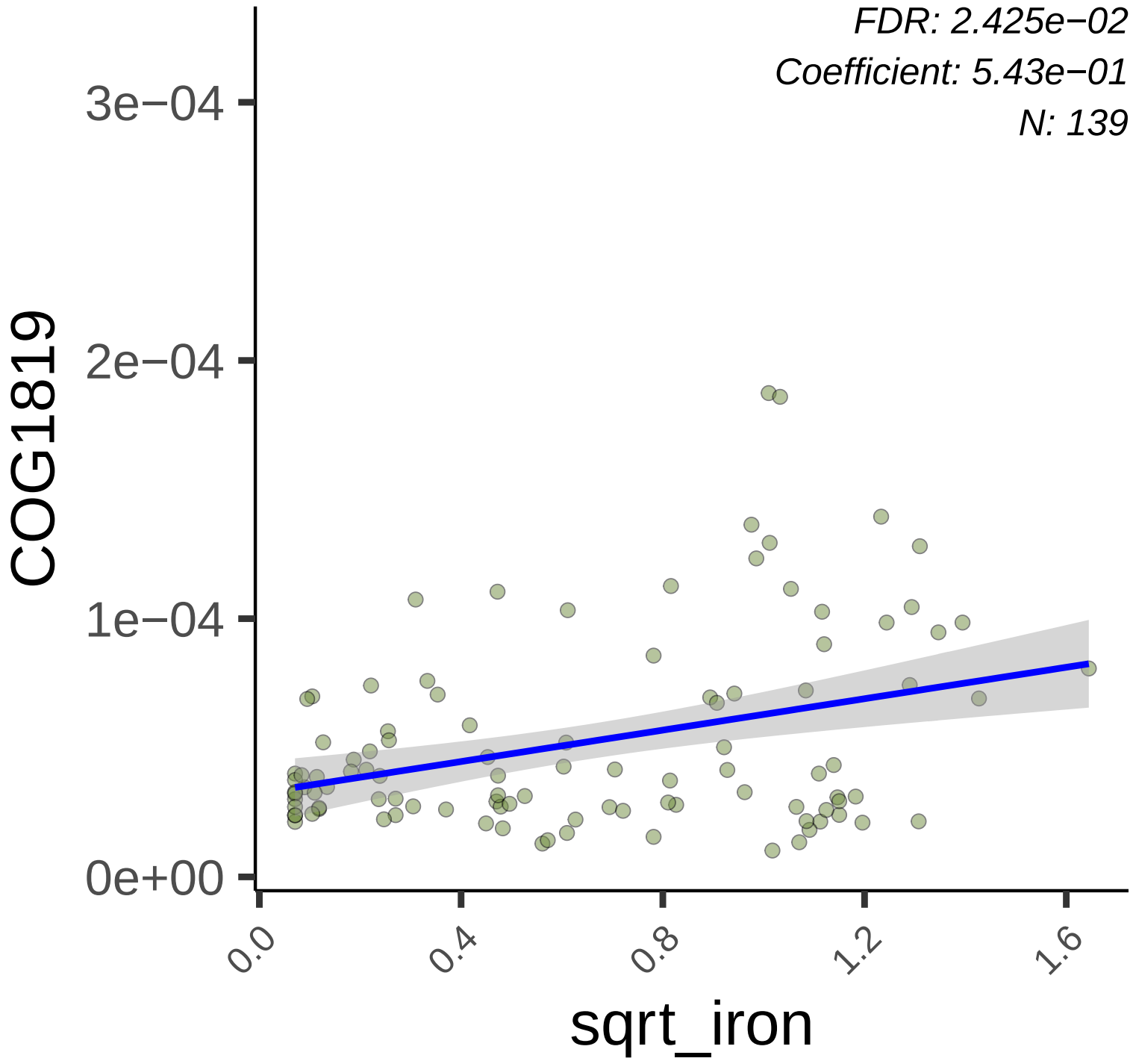
1.6
sqrt_iron


FDR: 2.425e−02
Coefficient: 5.43e−01
N: 139
COG1819
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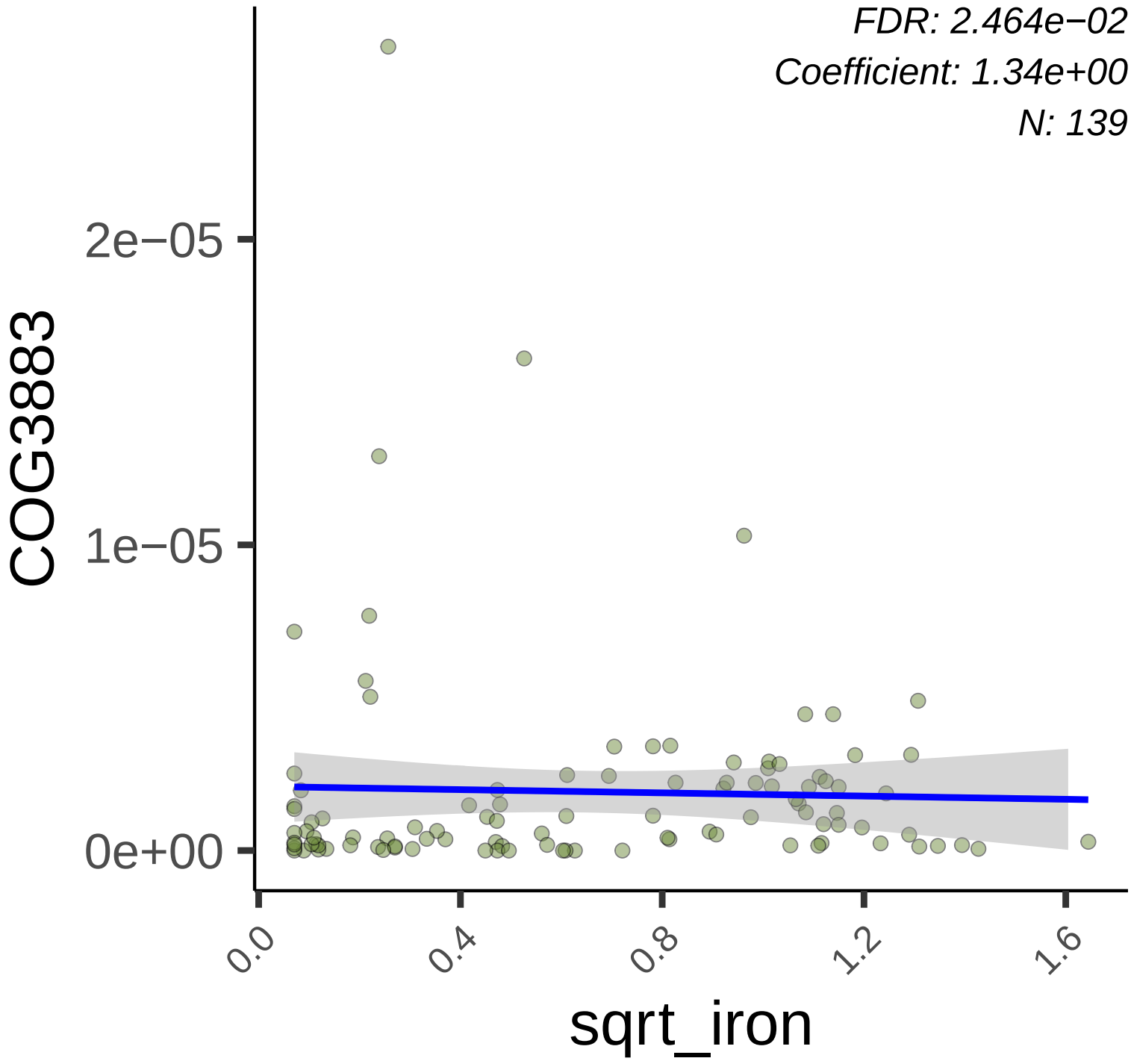
1.2
1.6
sqrt_iron


FDR: 2.464e−02
Coefficient: 1.34e+00
N: 139
COG3883
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1e−05
0e+00
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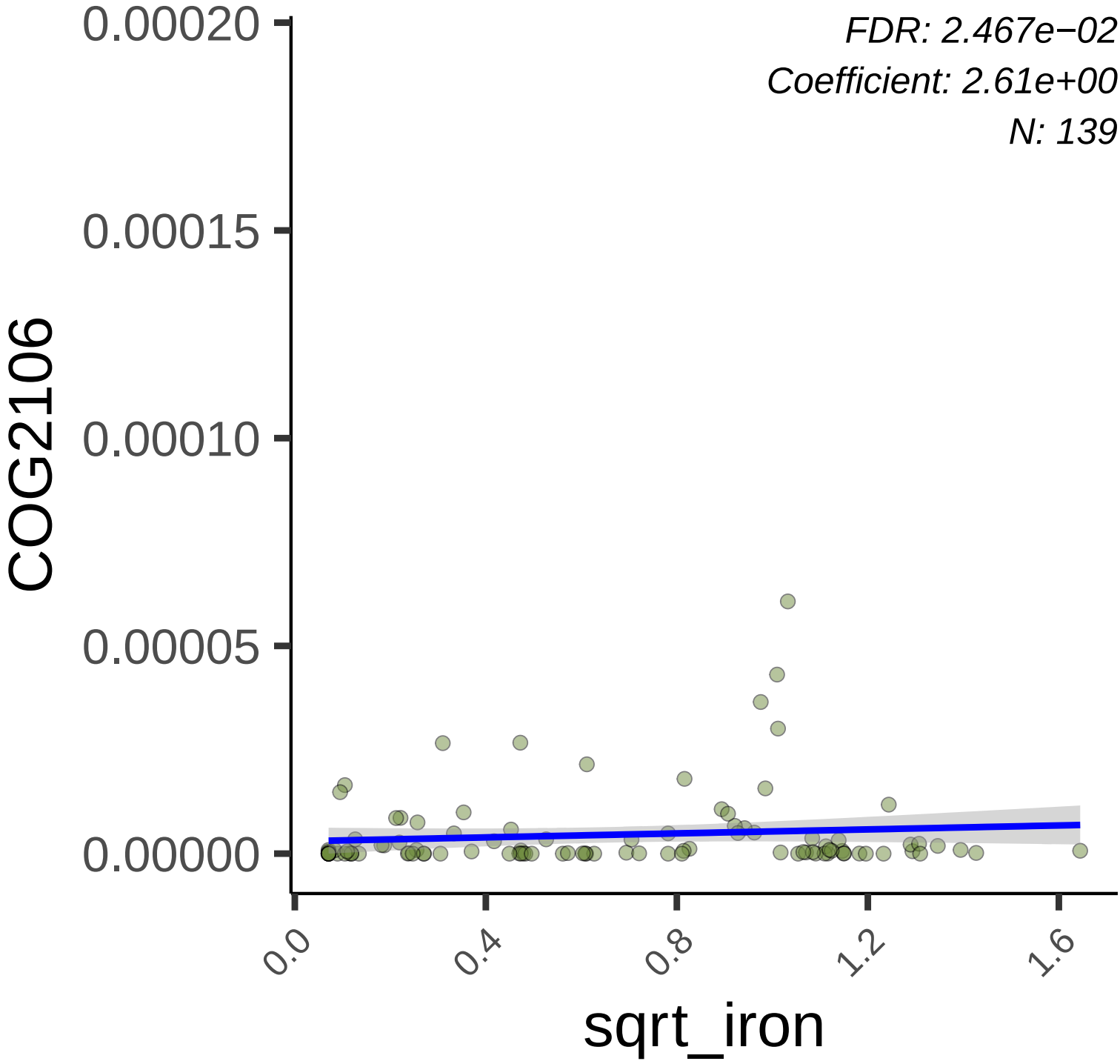
1.2
1.6
sqrt_iron


FDR: 2.467e−02
Coefficient: 2.61e+00
N: 139
COG2106
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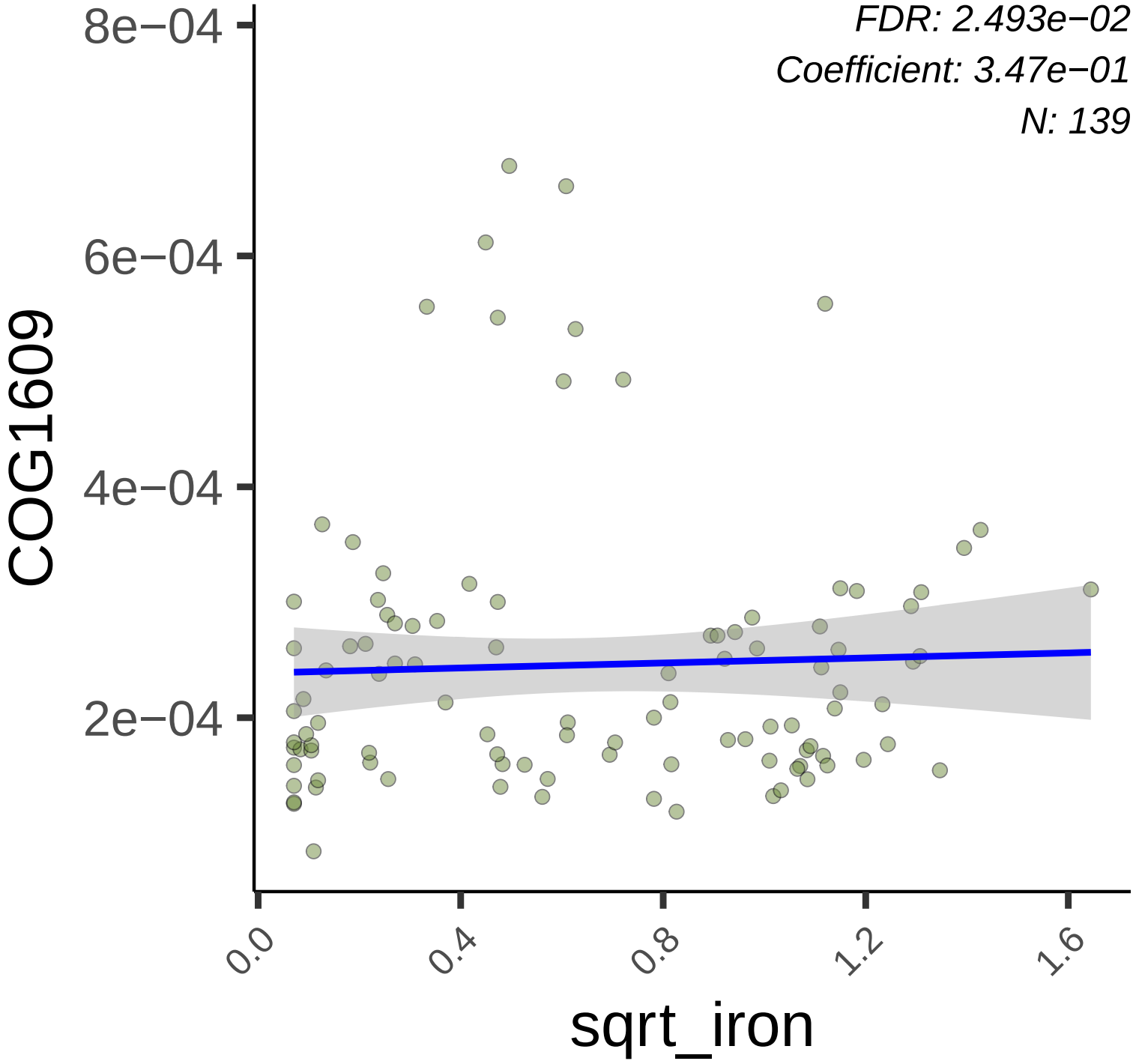
1.6
sqrt_iron


FDR: 2.493e−02
Coefficient: 3.47e−01
N: 139
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6e−04
4e−04
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0.4
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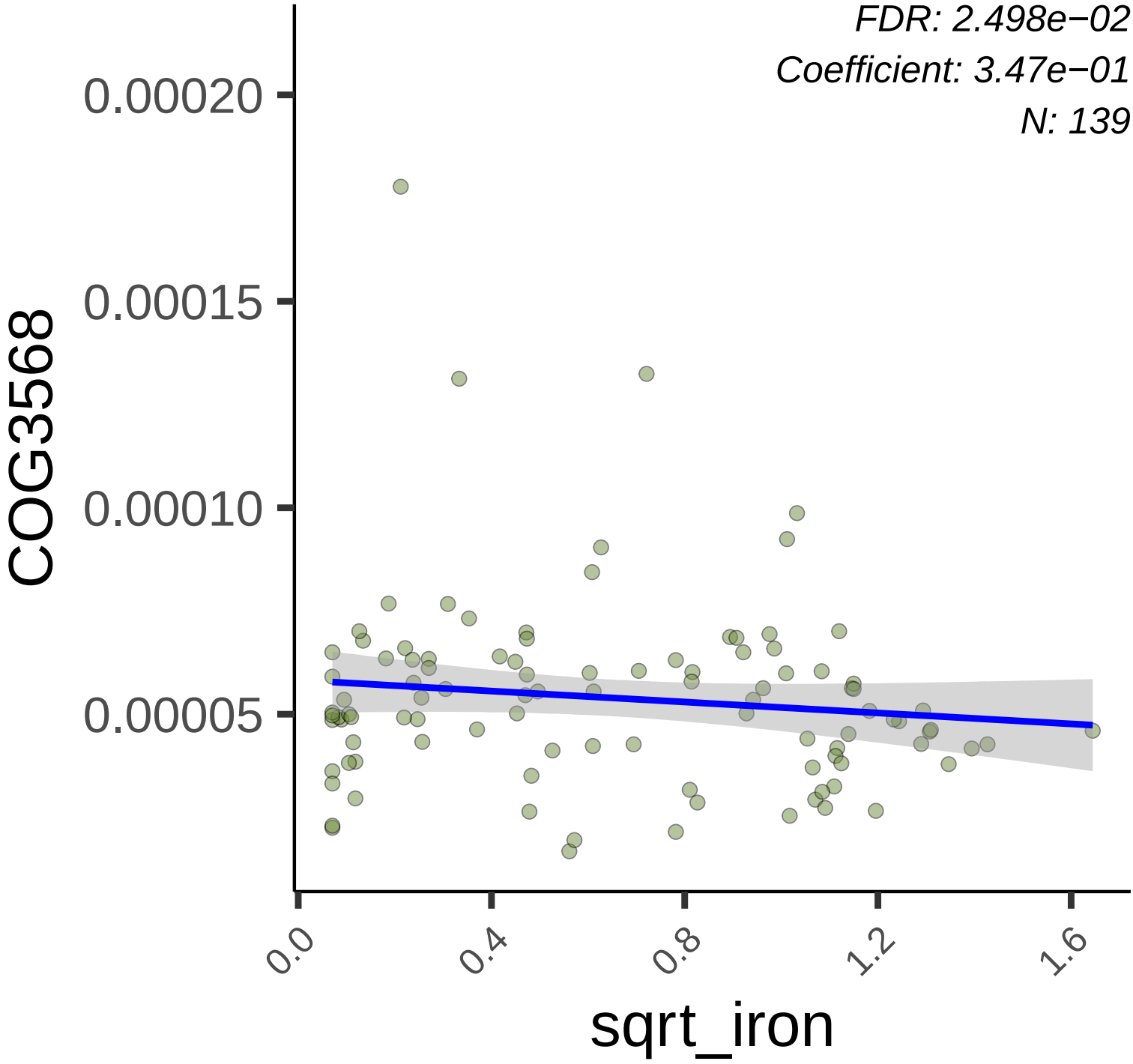
1.6
sqrt_iron


FDR: 2.498e−02
Coefficient: 3.47e−01
N: 139
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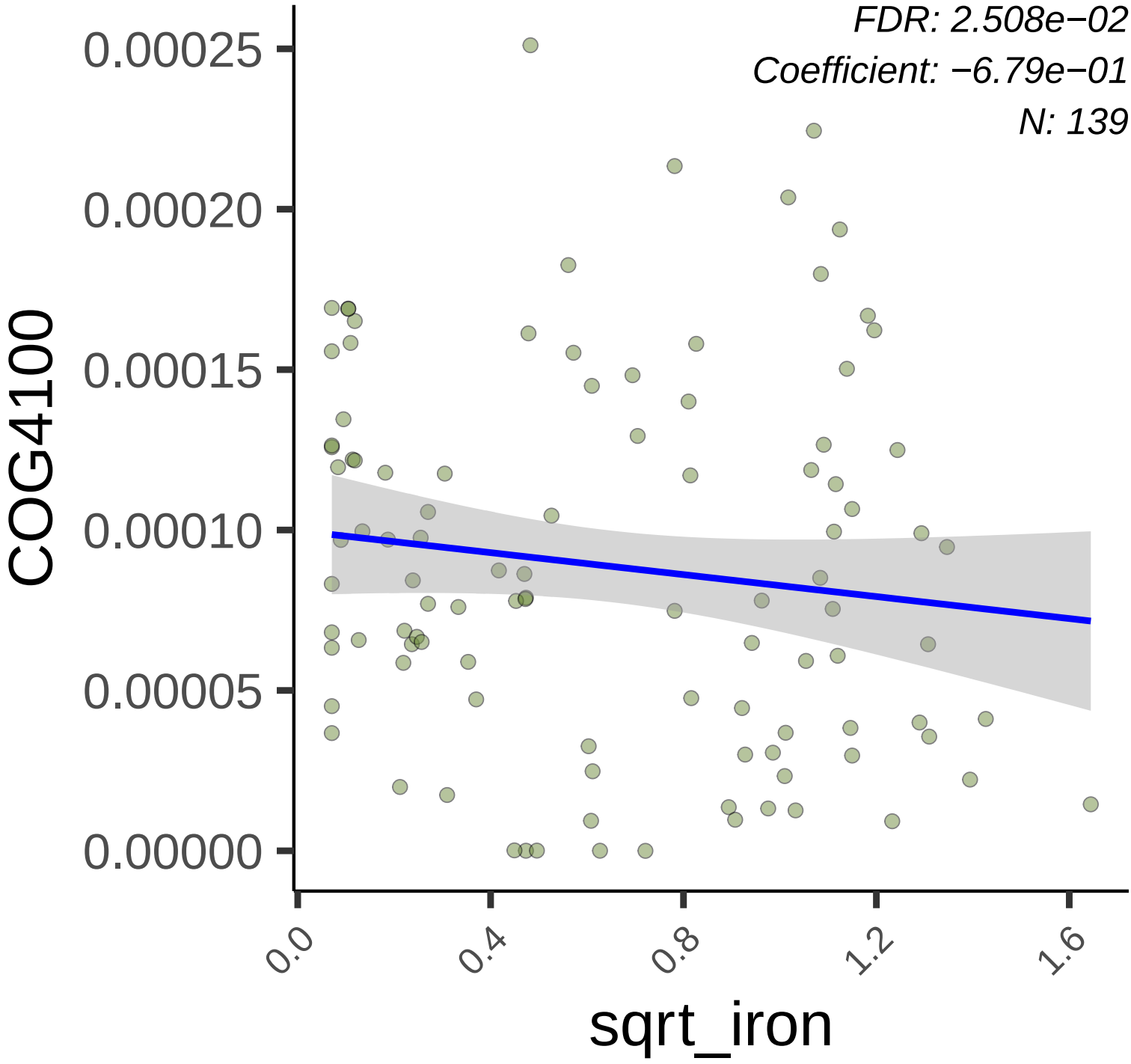
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.508e−02
Coefficient: −6.79e−01
N: 139
COG4100
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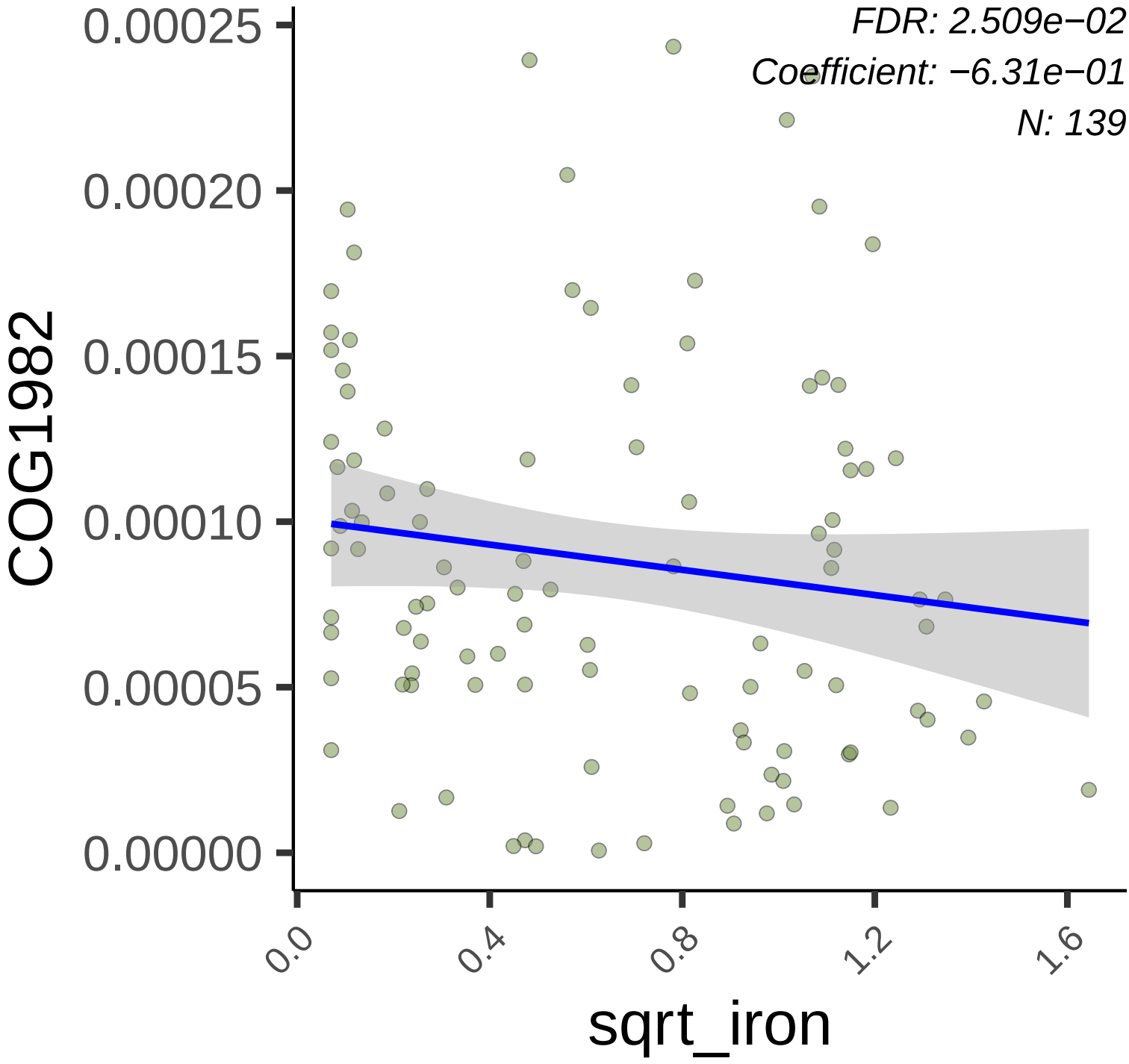
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.509e−02
Coefficient: −6.31e−01
N: 139
COG1982
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0.00020
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0.00000
0.0
0.4
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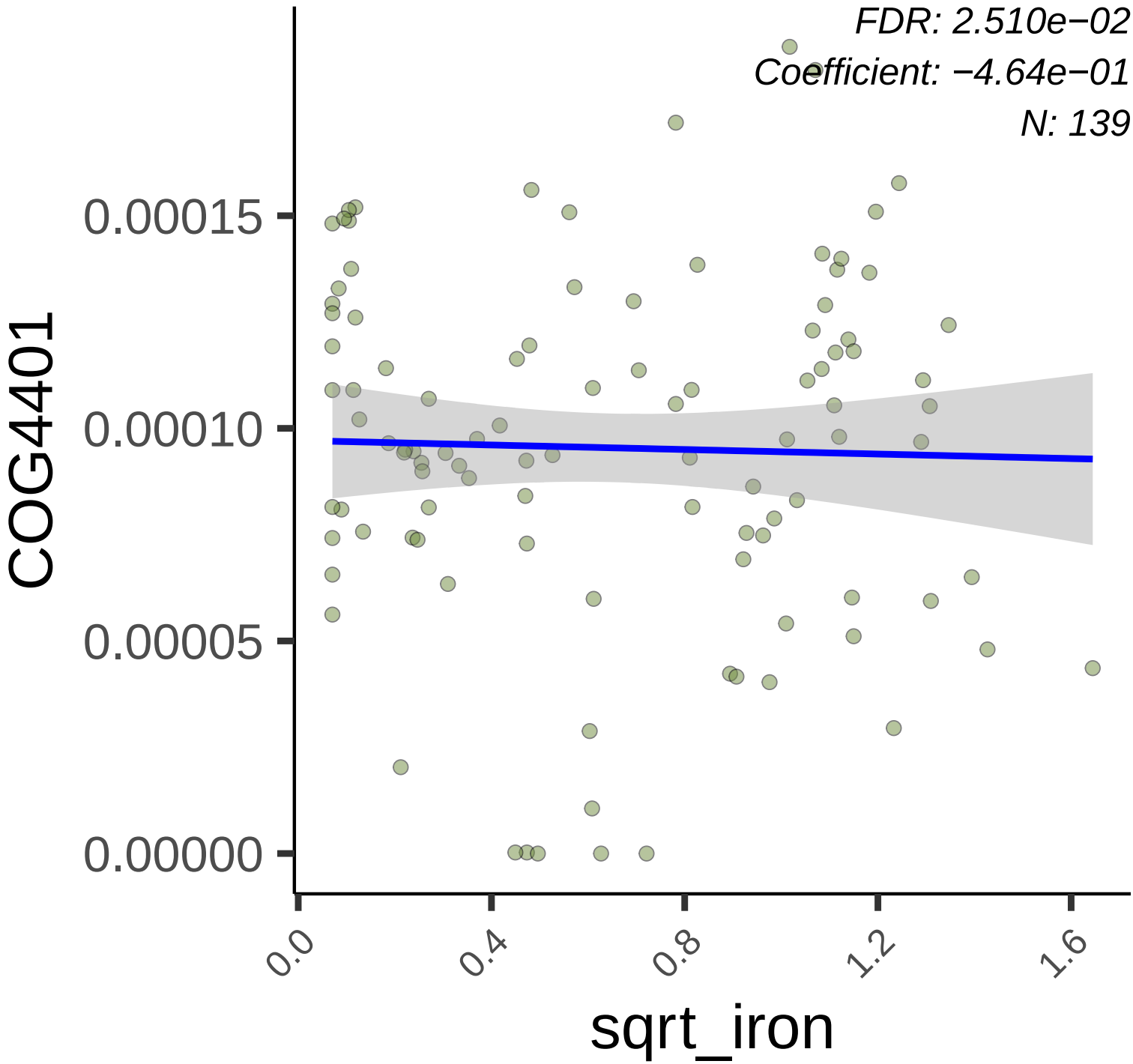
1.2
1.6
sqrt_iron


FDR: 2.510e−02
Coefficient: −4.64e−01
N: 139
COG4401
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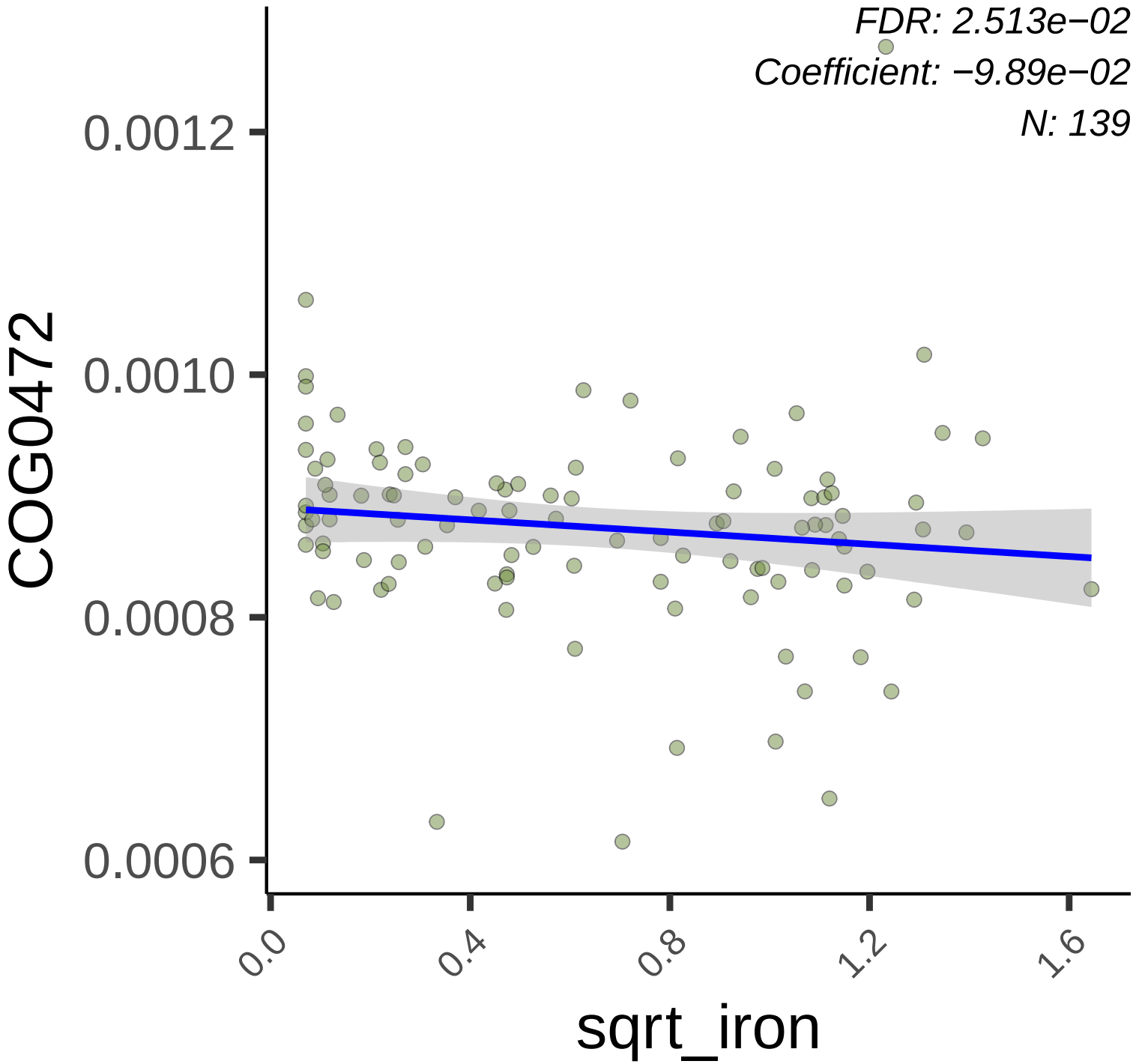
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.513e−02
Coefficient: −9.89e−02
N: 139
COG0472
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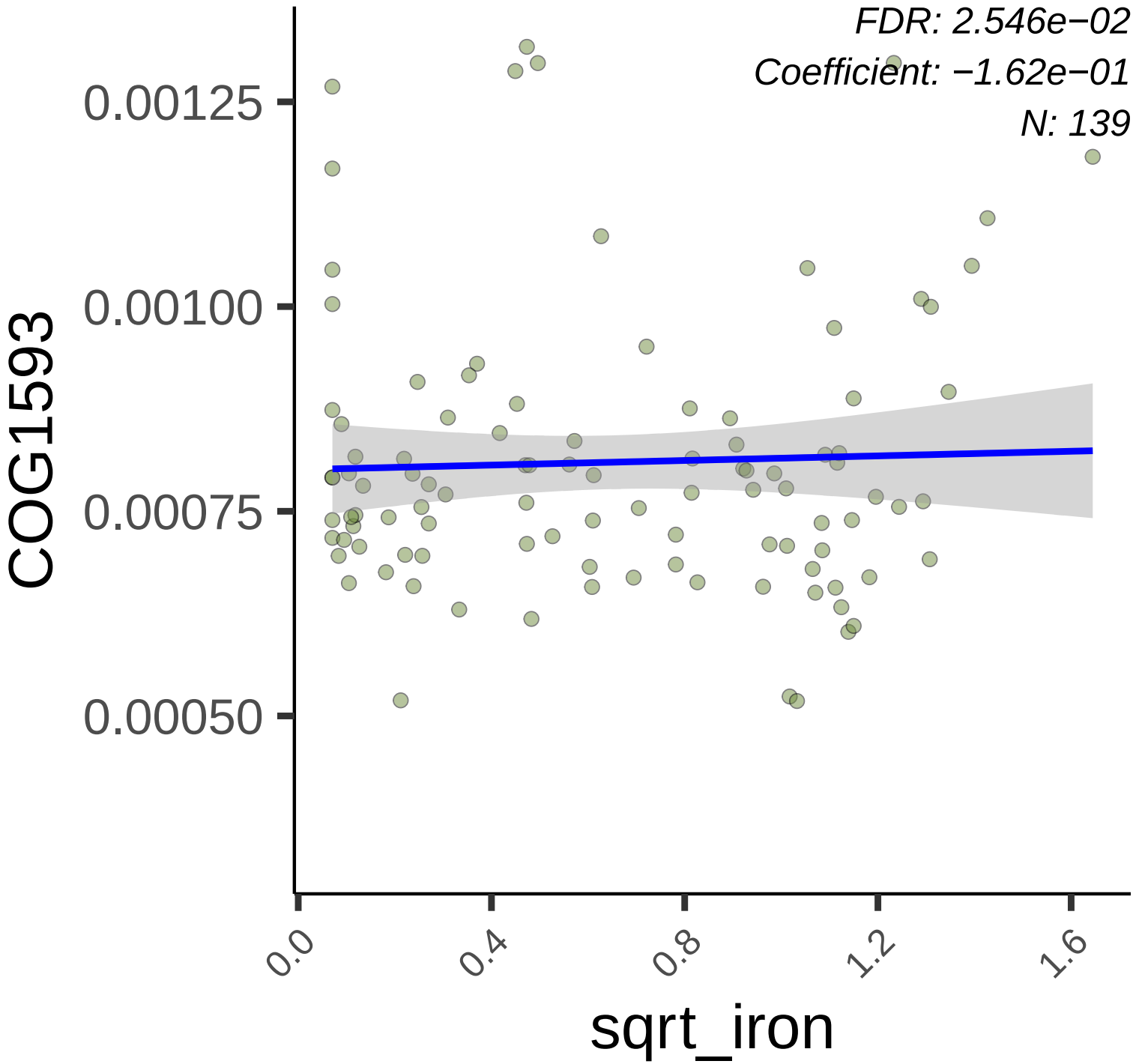
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.546e−02
Coefficient: −1.62e−01
N: 139
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0.00100
0.00075
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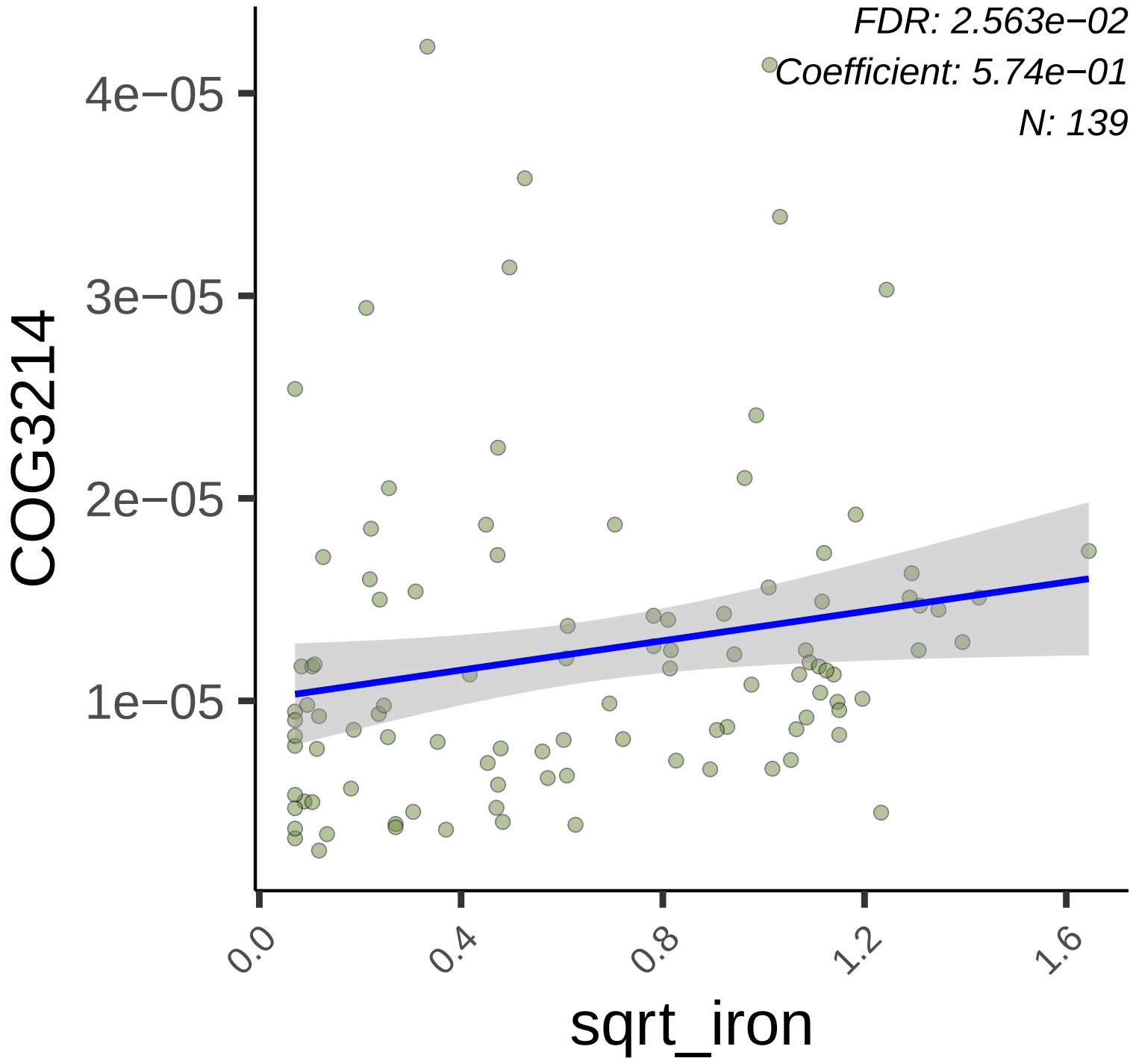
COG1593
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.563e−02
Coefficient: 5.74e−01
N: 139
COG3214
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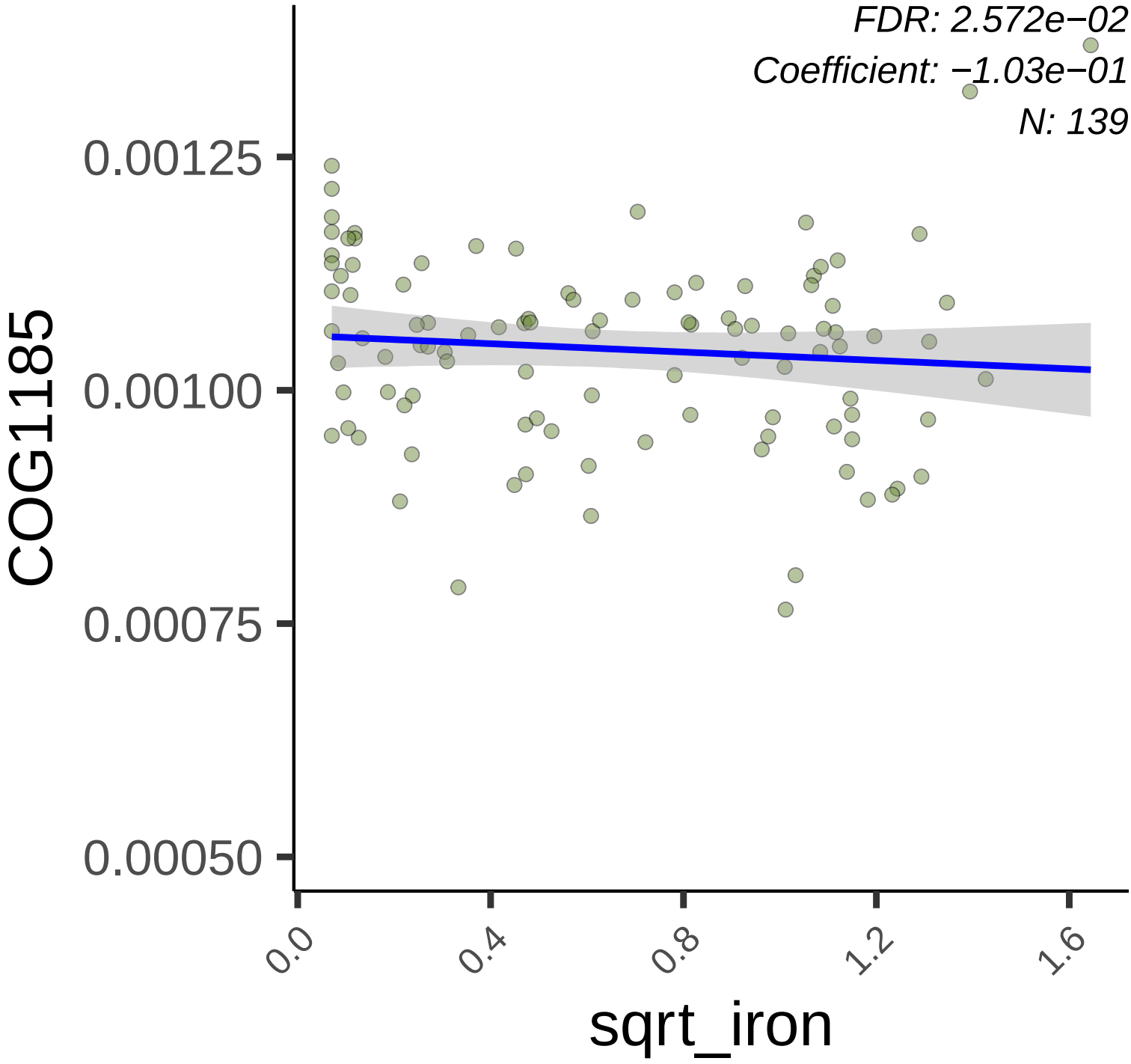
1e−05
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.572e−02
Coefficient: −1.03e−01
N: 139
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0.00050
COG1185
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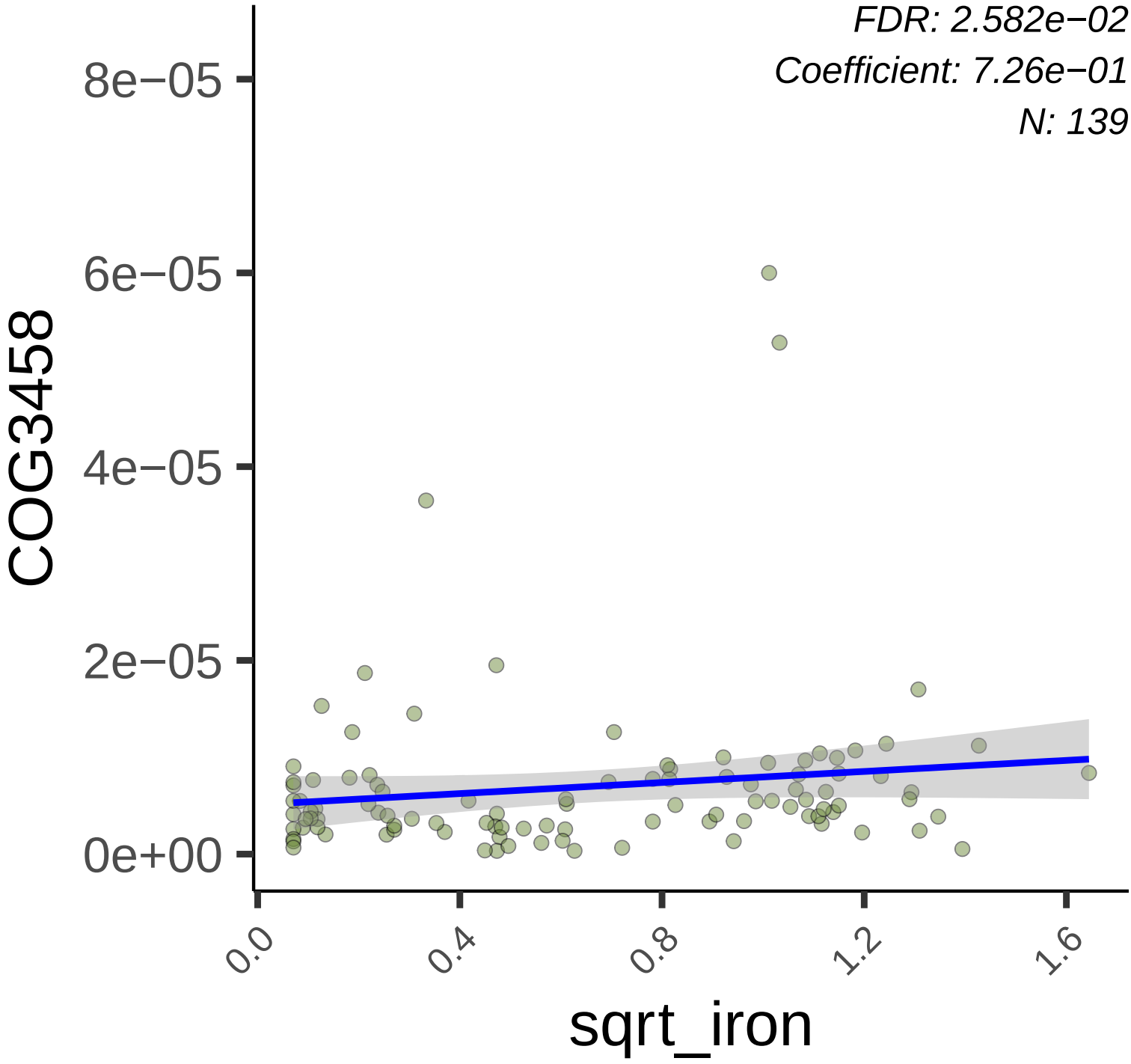
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.582e−02
Coefficient: 7.26e−01
N: 139
COG3458
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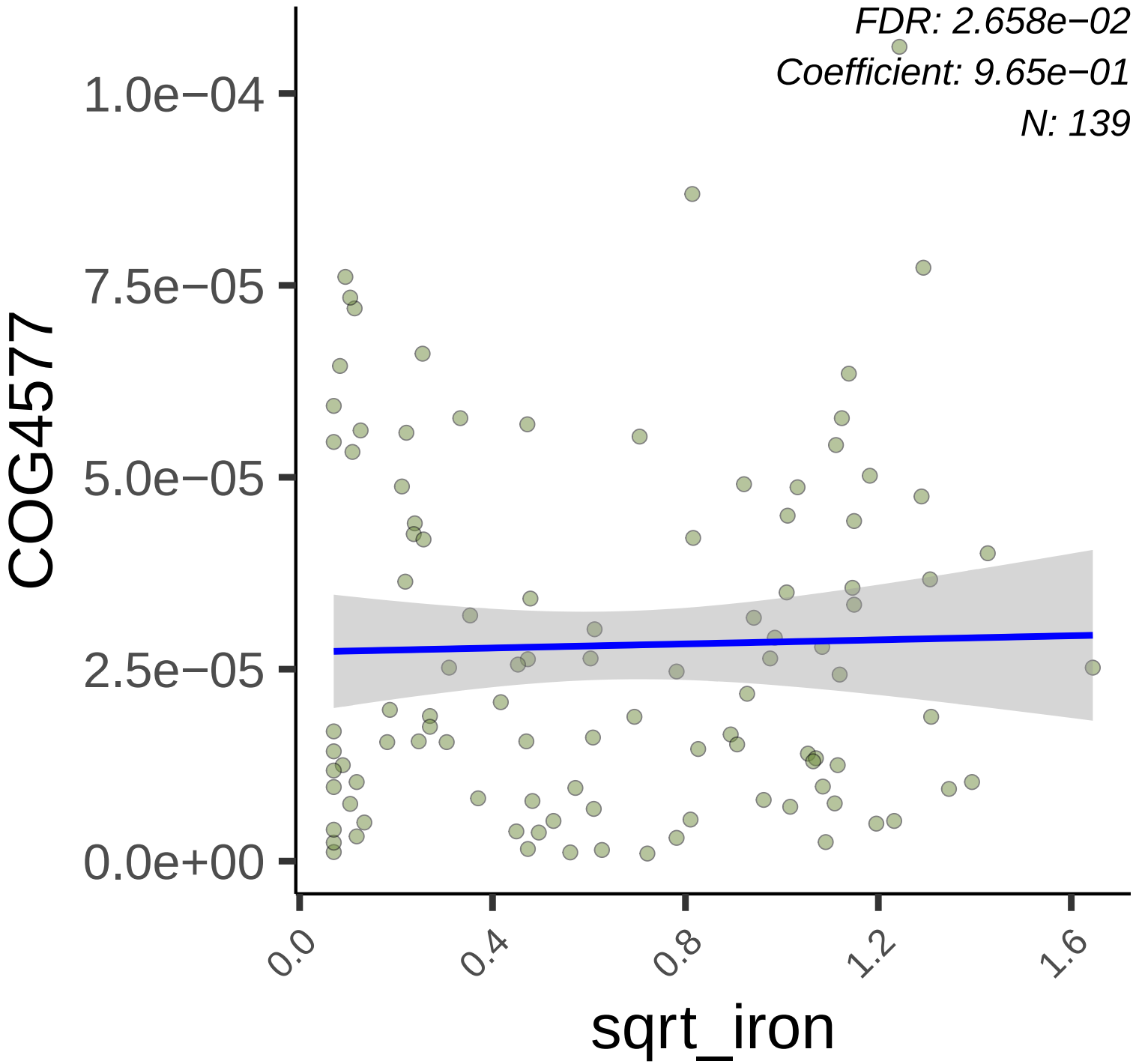
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.658e−02
Coefficient: 9.65e−01
N: 139
COG4577
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7.5e−05
5.0e−05
2.5e−05
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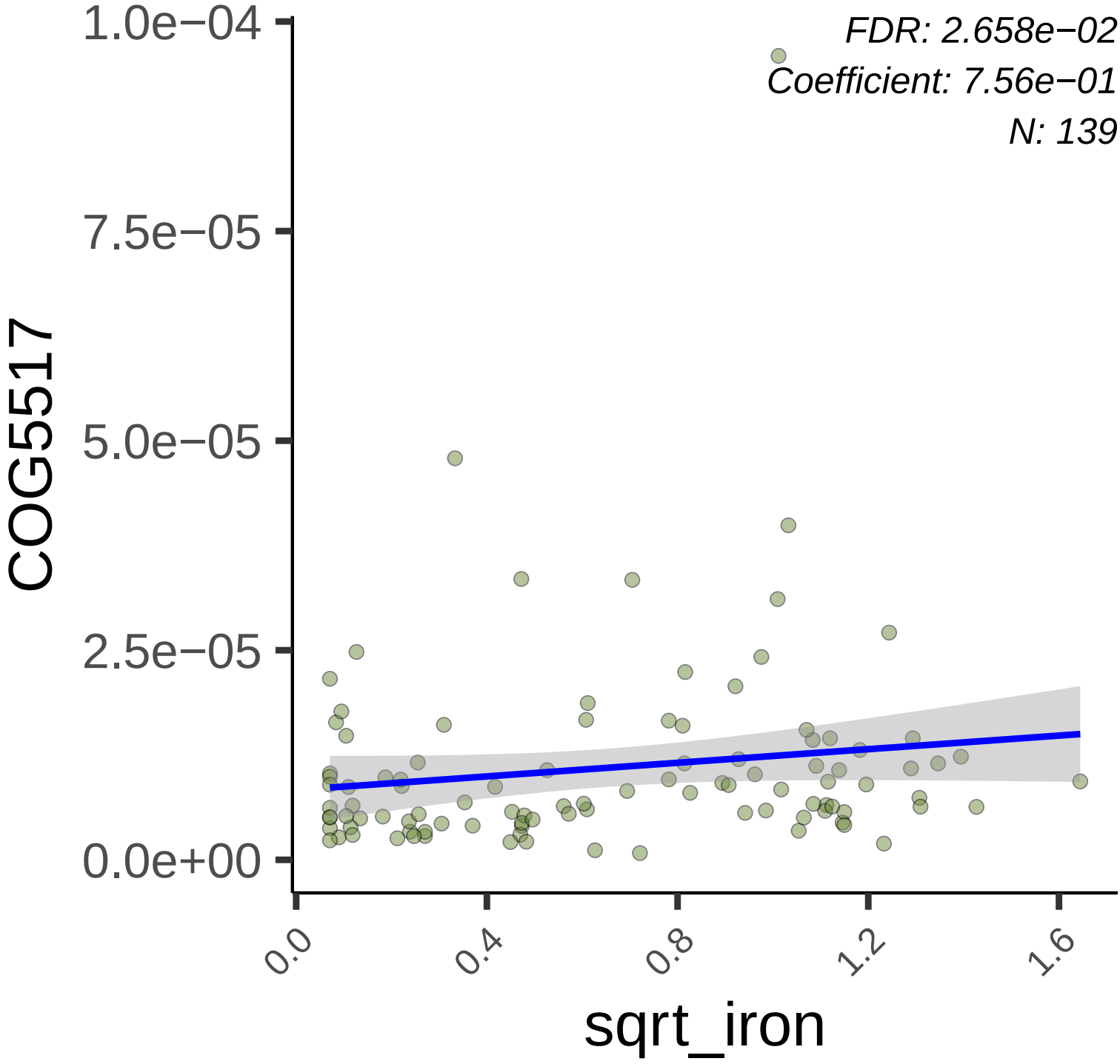
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.658e−02
Coefficient: 7.56e−01
N: 139
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7.5e−05
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2.5e−05
0.0e+00
COG5517
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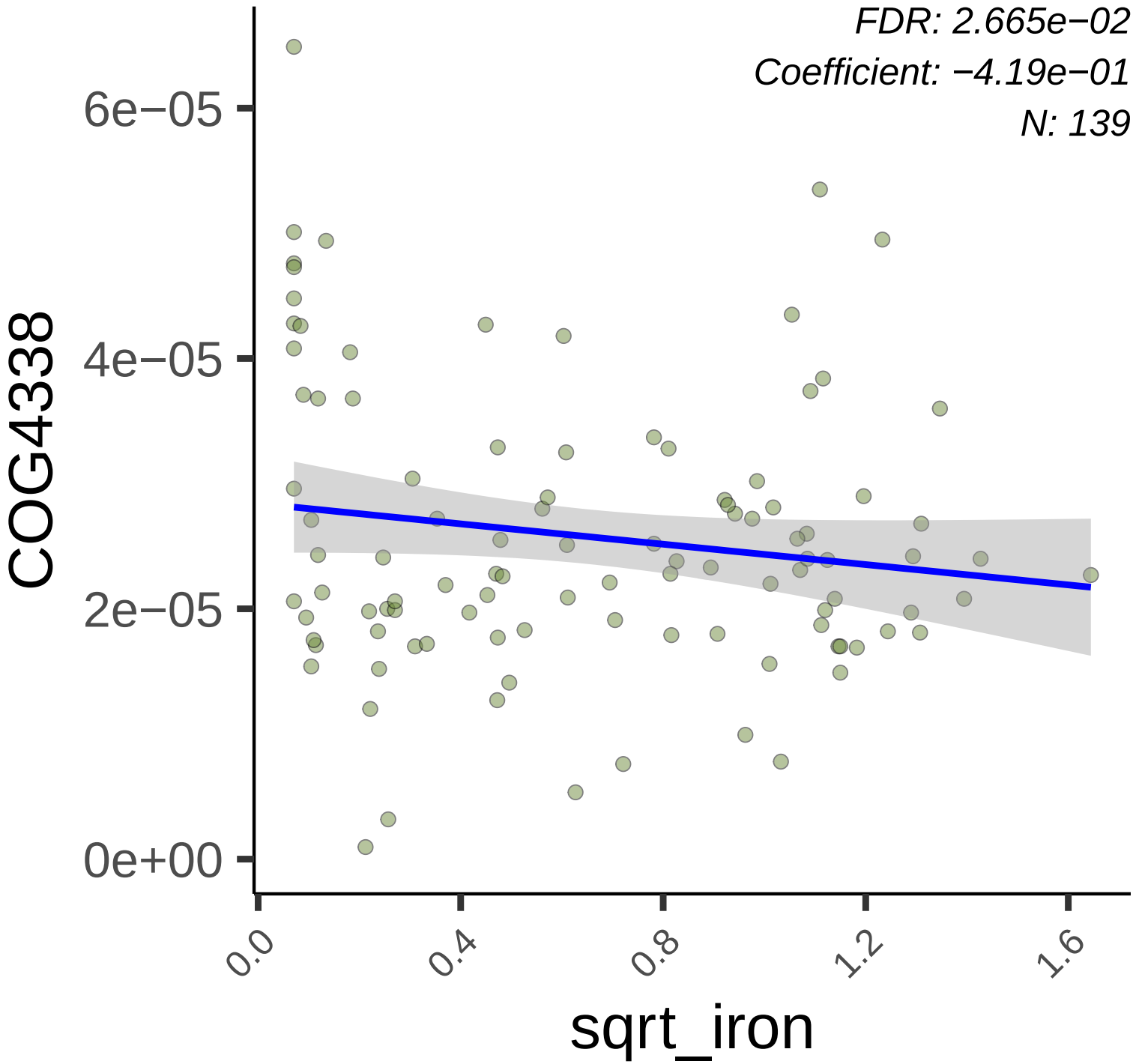
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.665e−02
Coefficient: −4.19e−01
N: 139
COG4338
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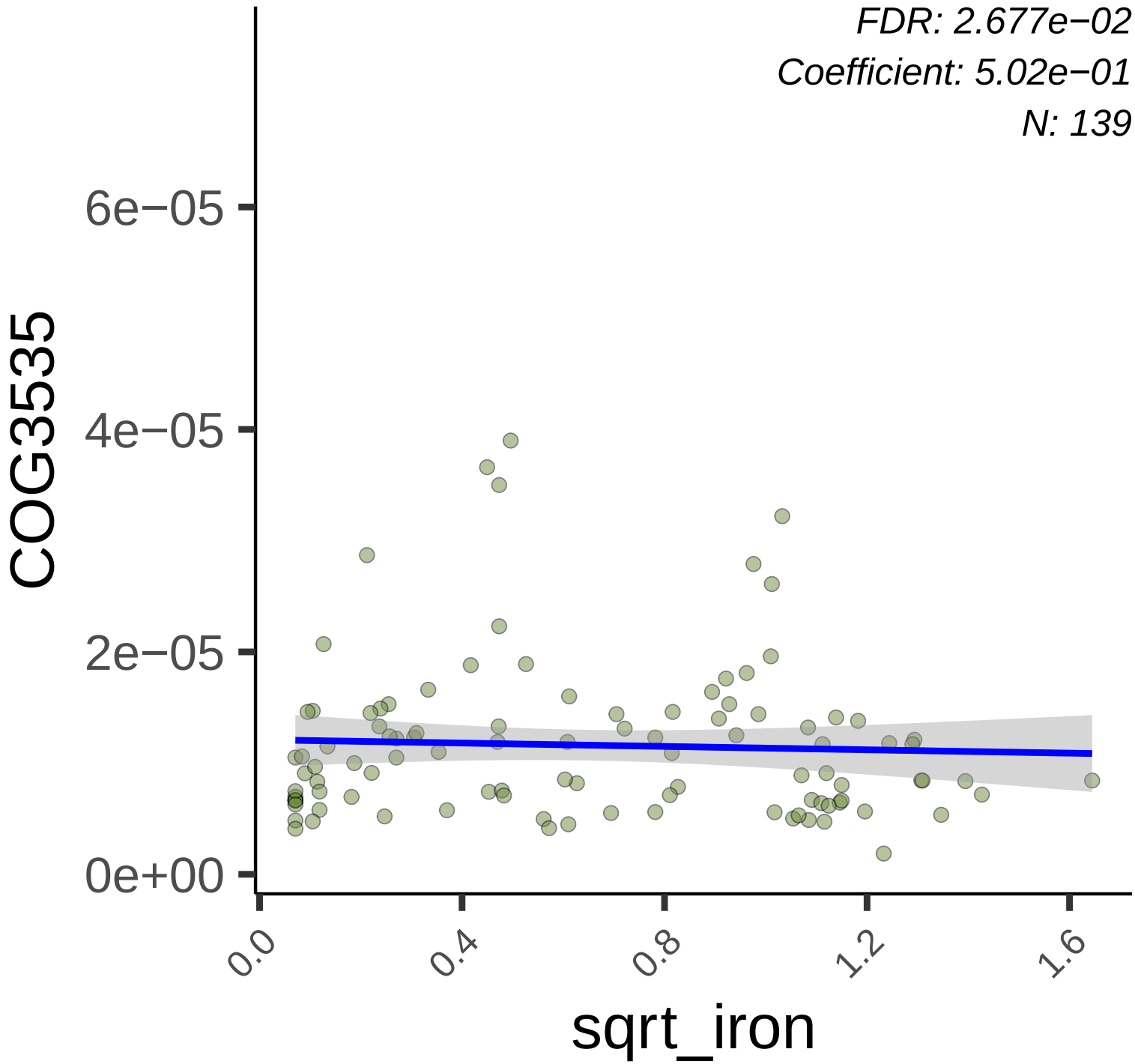
4e−05
2e−05
0e+00
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.677e−02
Coefficient: 5.02e−01
N: 139
COG3535
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4e−05
2e−05
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0.4
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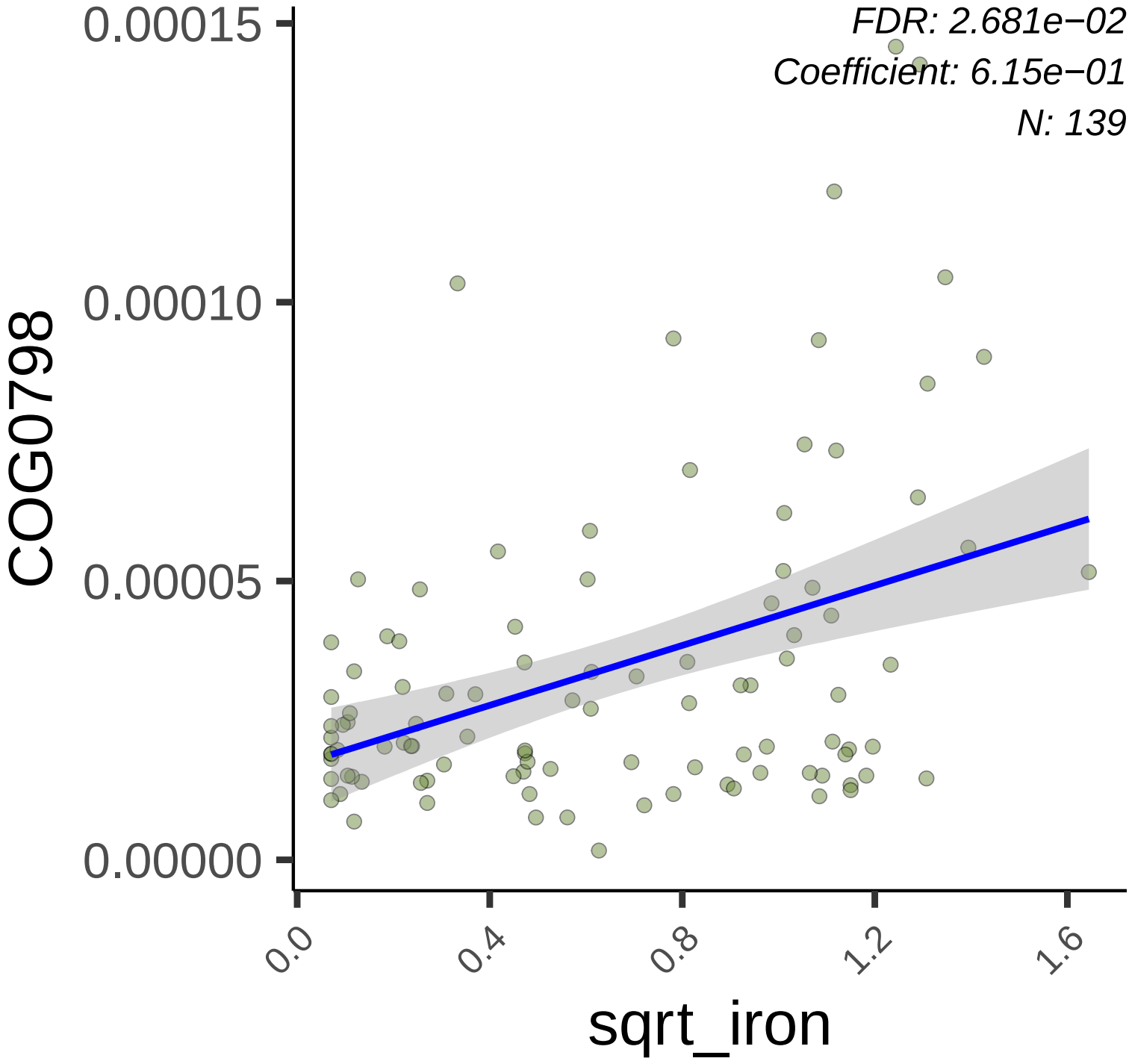
1.2
1.6
sqrt_iron


FDR: 2.681e−02
Coefficient: 6.15e−01
N: 139
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0.4
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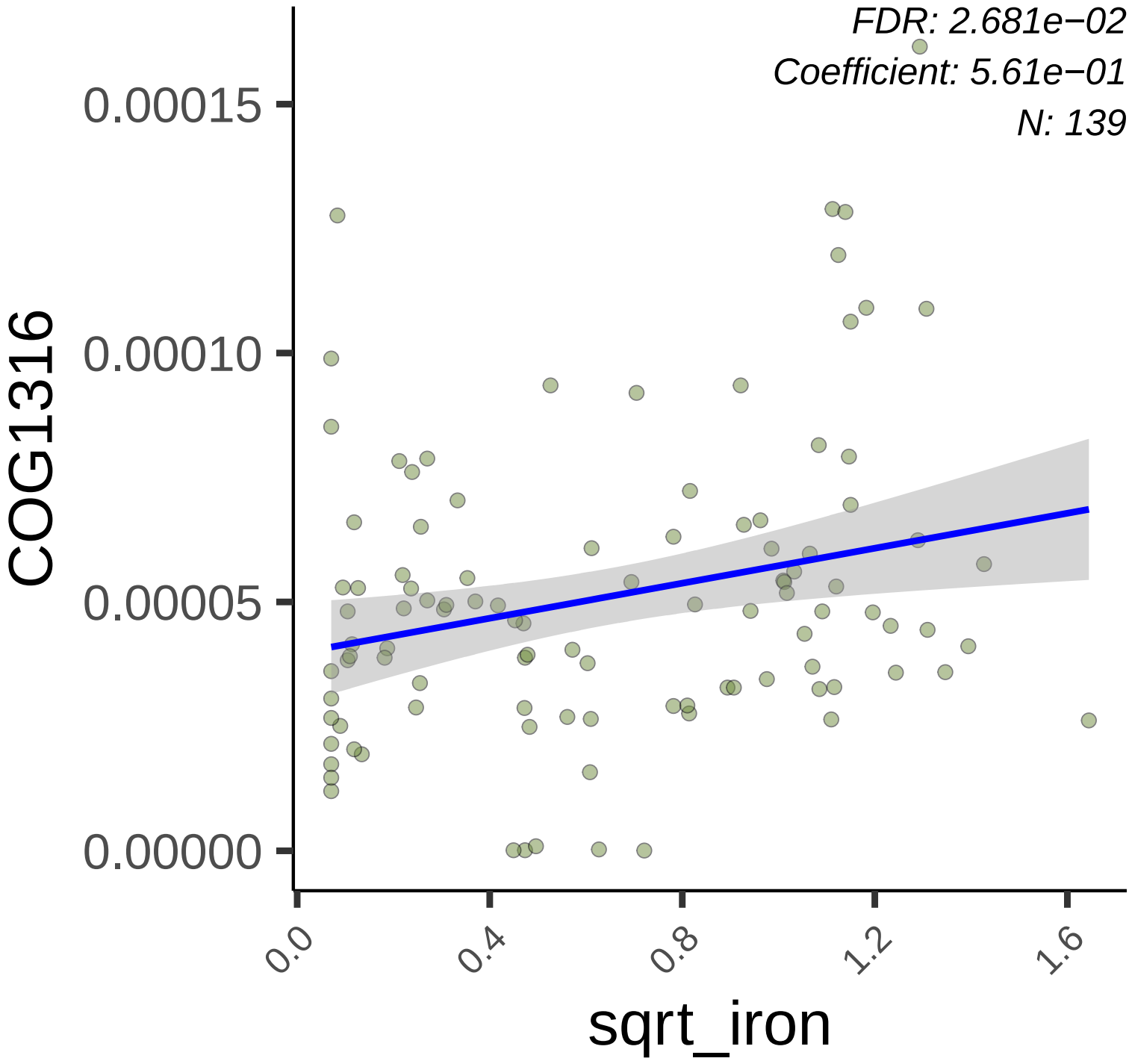
sqrt_iron


FDR: 2.681e−02
Coefficient: 5.61e−01
N: 139
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0.4
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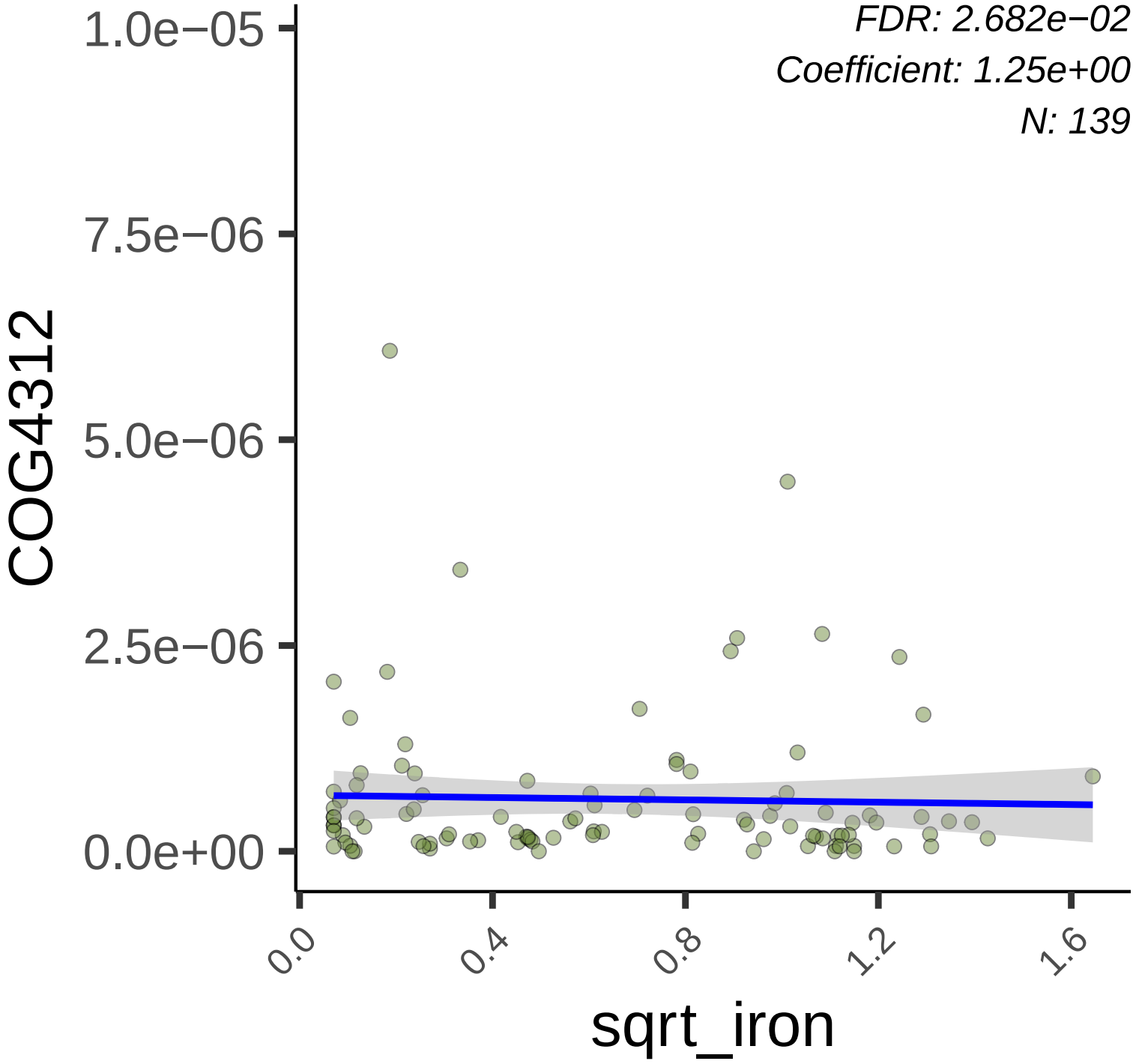
1.6
sqrt_iron


FDR: 2.682e−02
Coefficient: 1.25e+00
N: 139
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7.5e−06
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0.0e+00
COG4312
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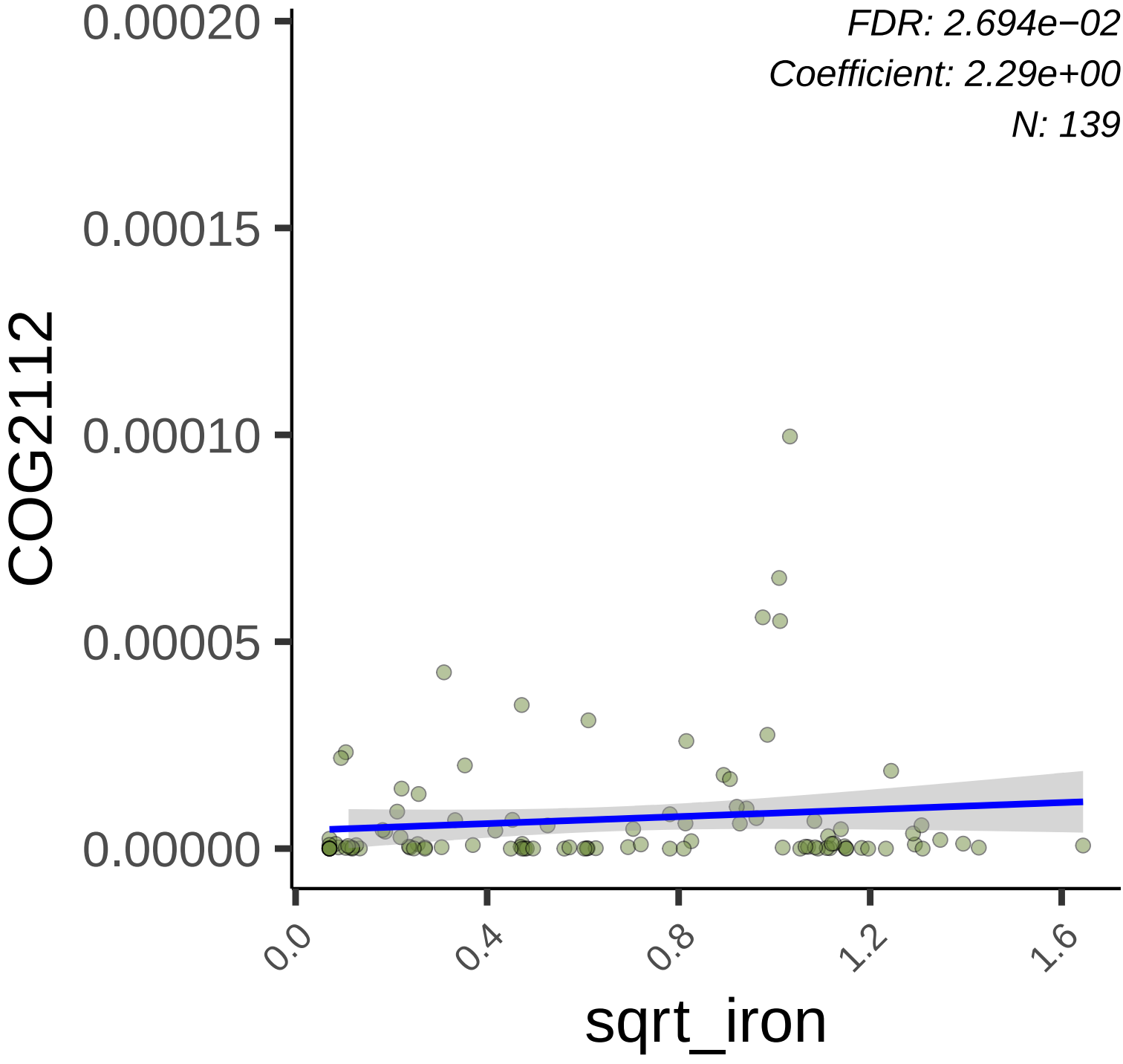
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.694e−02
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N: 139
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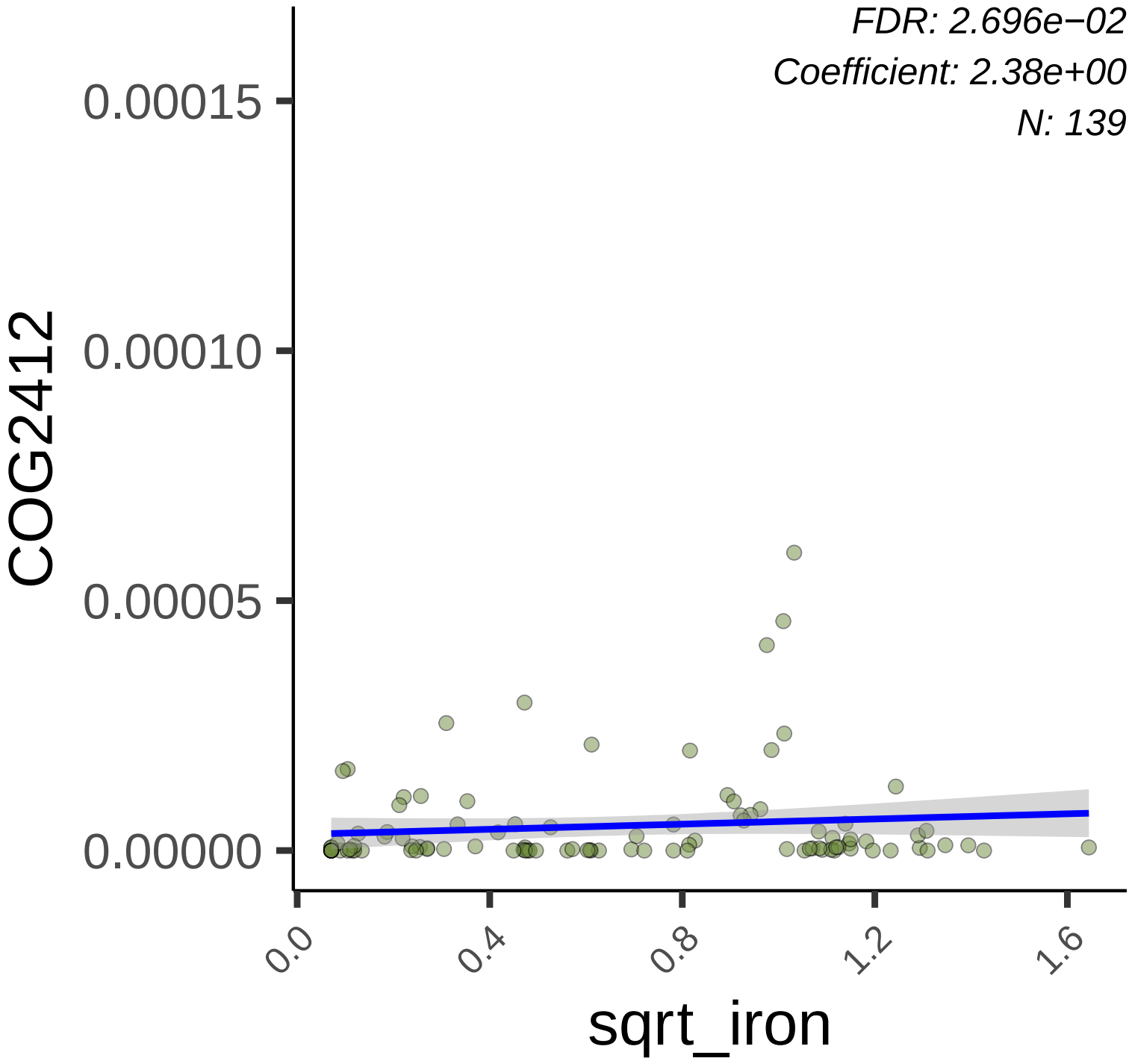
1.6
sqrt_iron


FDR: 2.696e−02
Coefficient: 2.38e+00
N: 139
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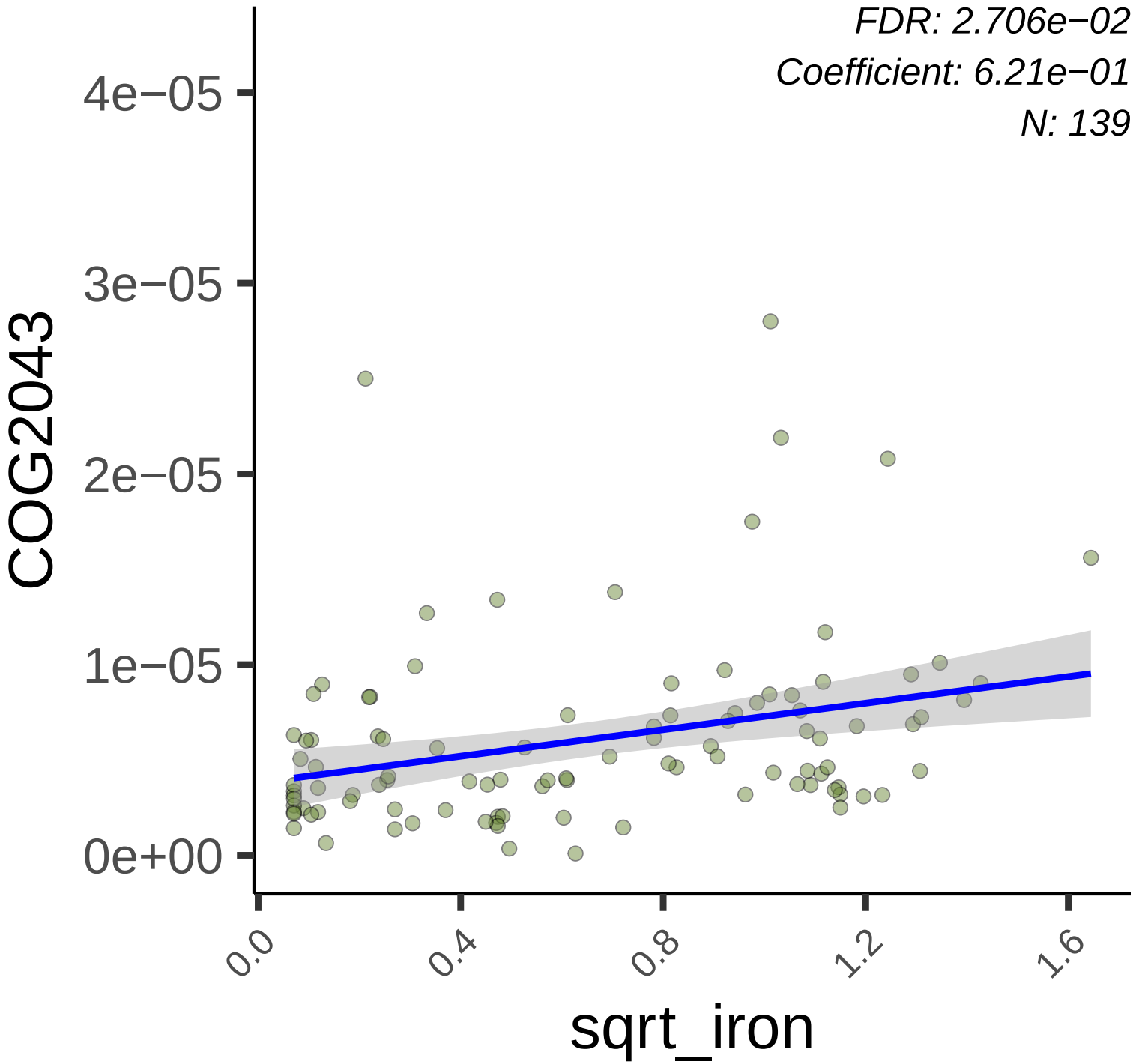
1.6
sqrt_iron


FDR: 2.706e−02
Coefficient: 6.21e−01
N: 139
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2e−05
1e−05
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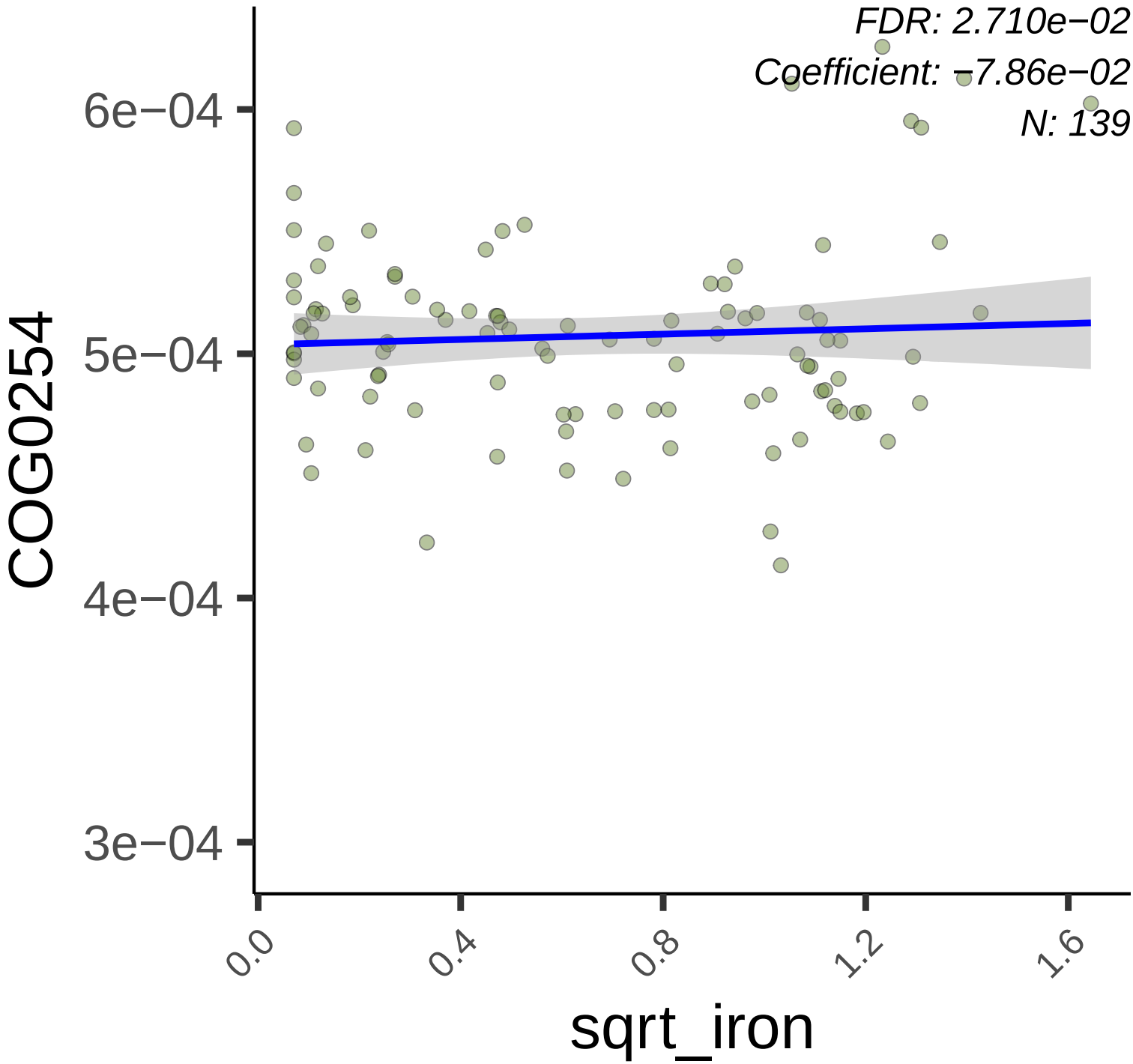
0.8
1.2
1.6
sqrt_iron


FDR: 2.710e−02
Coefficient: −7.86e−02
N: 139
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4e−04
3e−04
COG0254
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0.4
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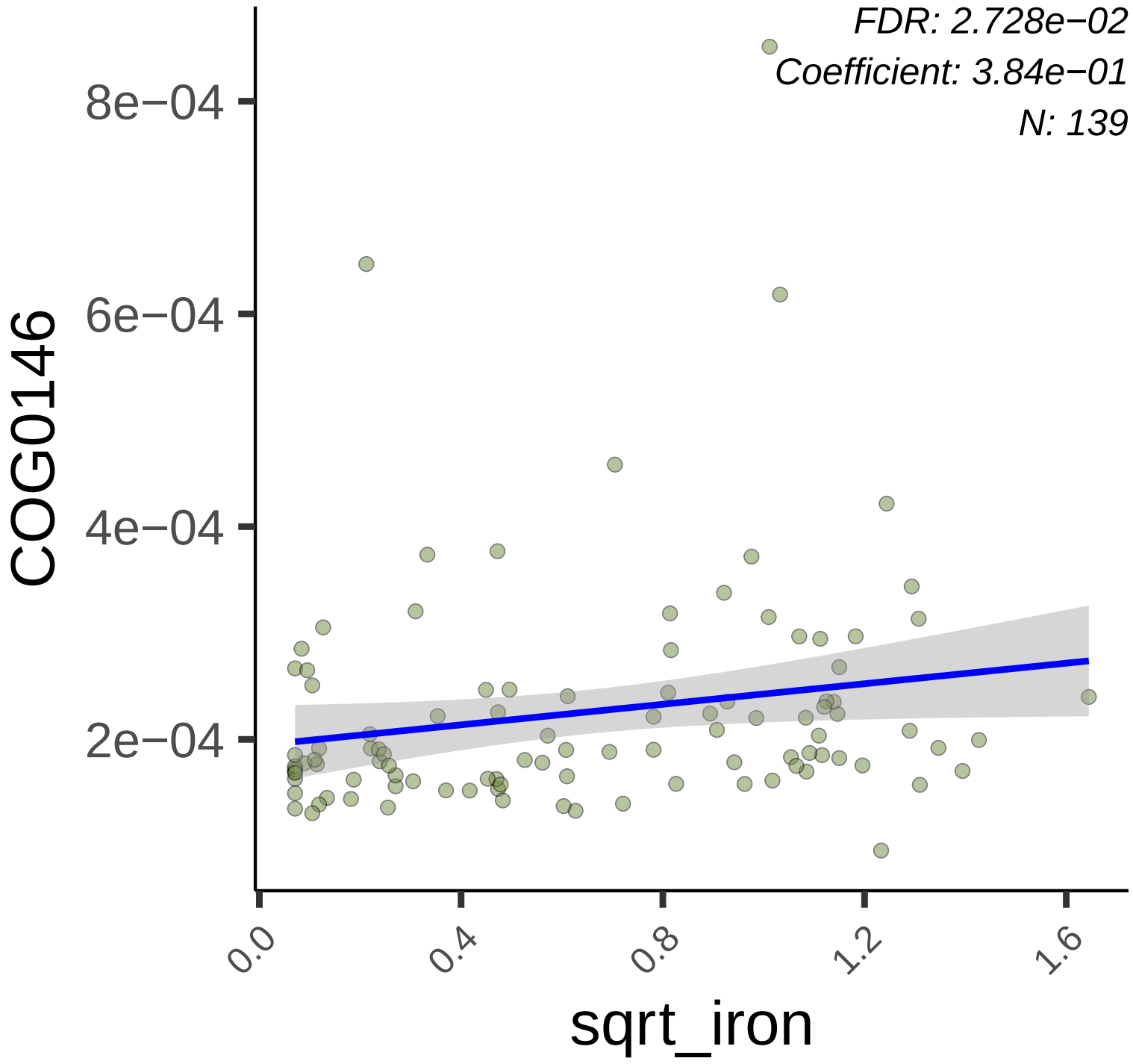
1.2
1.6
sqrt_iron


FDR: 2.728e−02
Coefficient: 3.84e−01
N: 139
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COG0146
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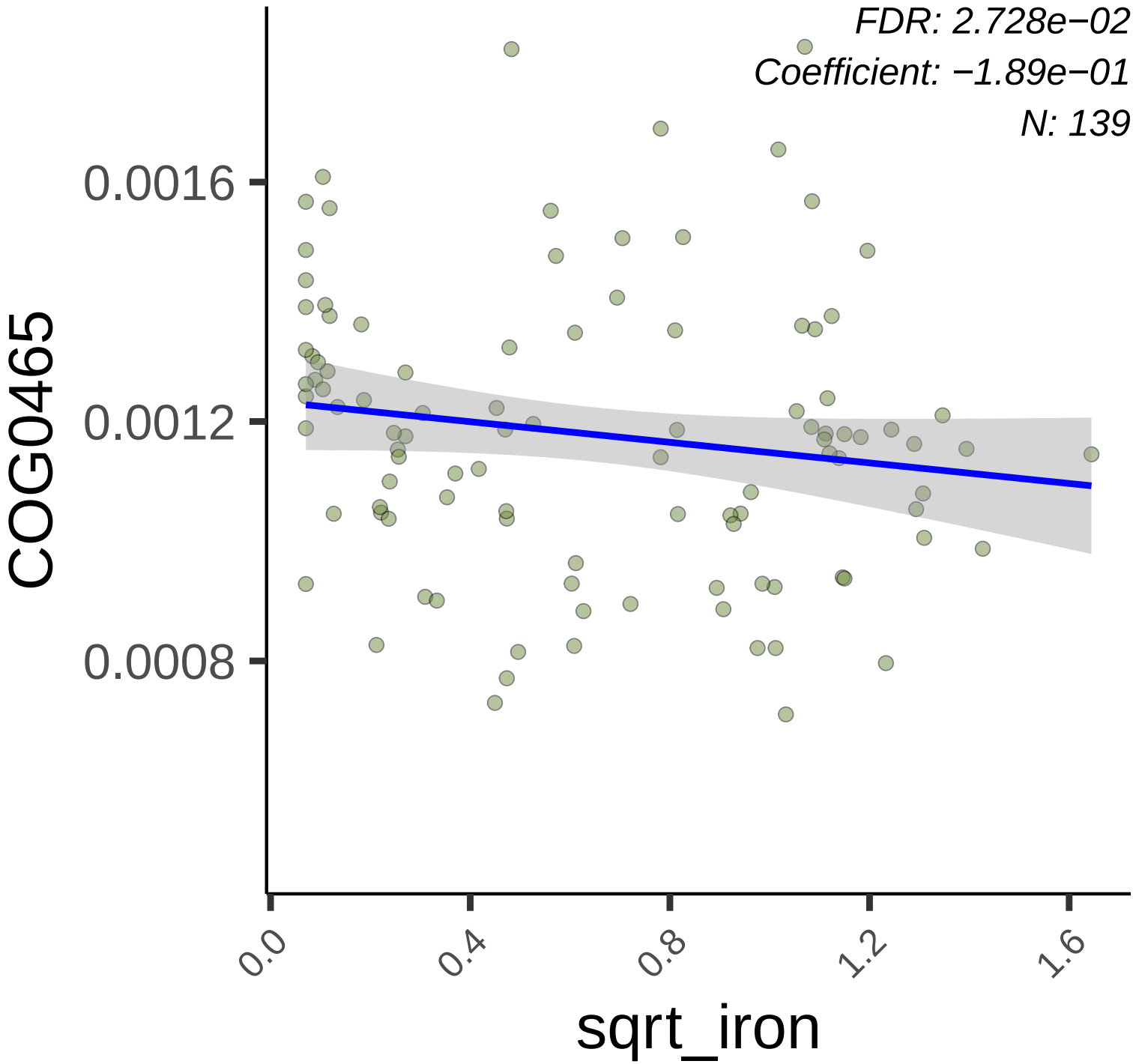
1.6
sqrt_iron


FDR: 2.728e−02
Coefficient: −1.89e−01
N: 139
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0.0008
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0.8
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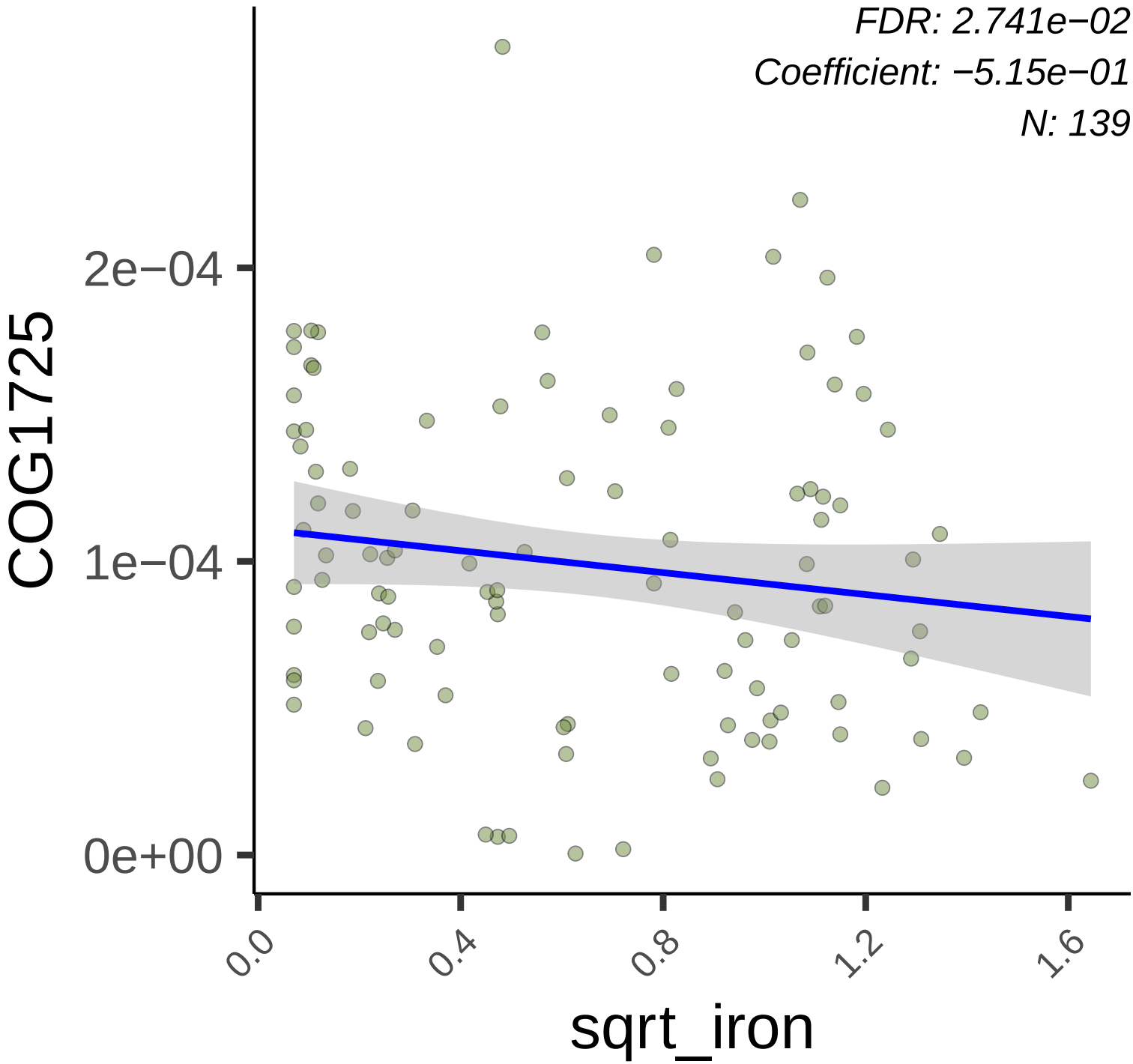
1.6
sqrt_iron


FDR: 2.741e−02
Coefficient: −5.15e−01
N: 139
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0.4
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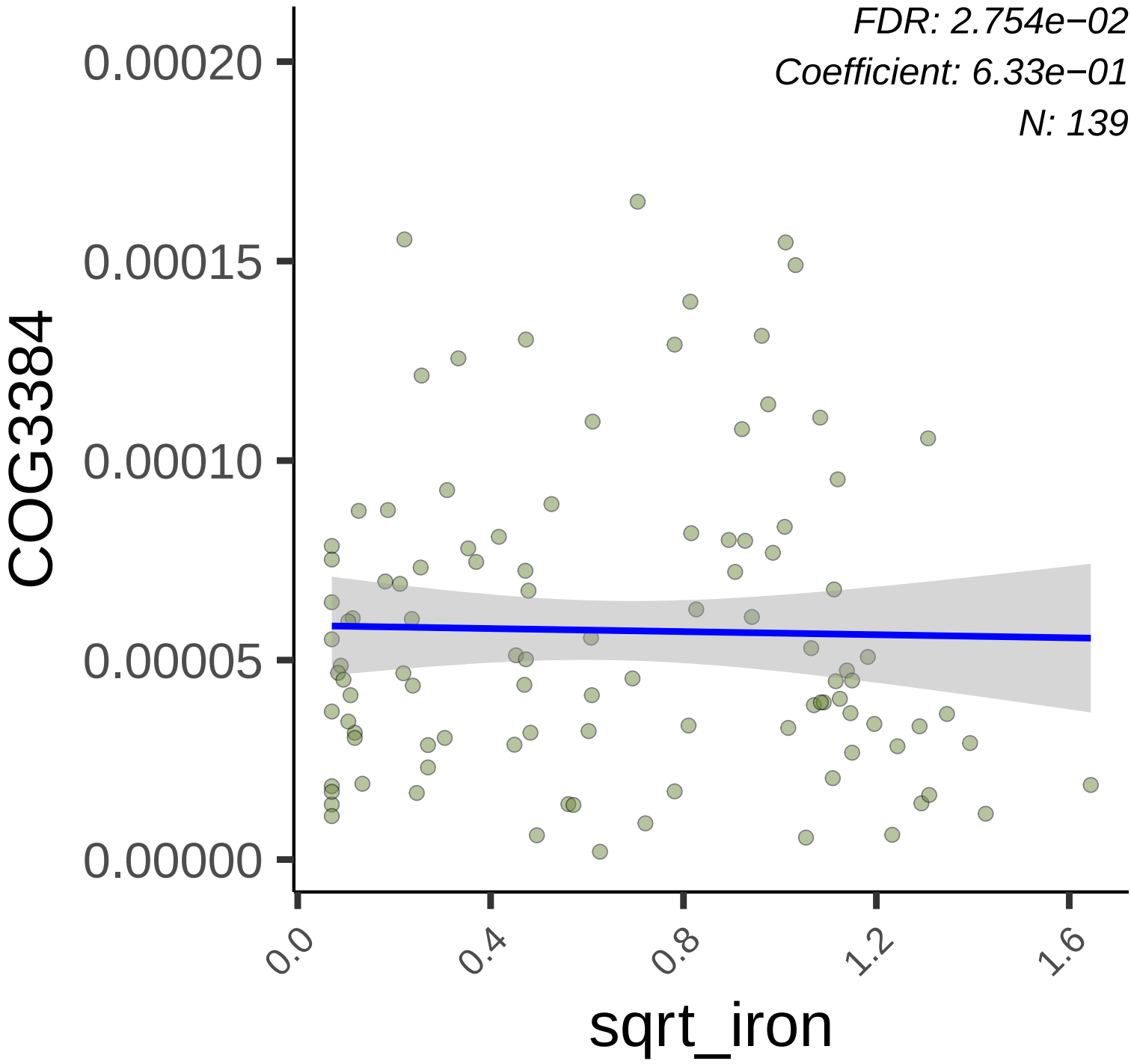
1.2
1.6
sqrt_iron


FDR: 2.754e−02
Coefficient: 6.33e−01
N: 139
COG3384
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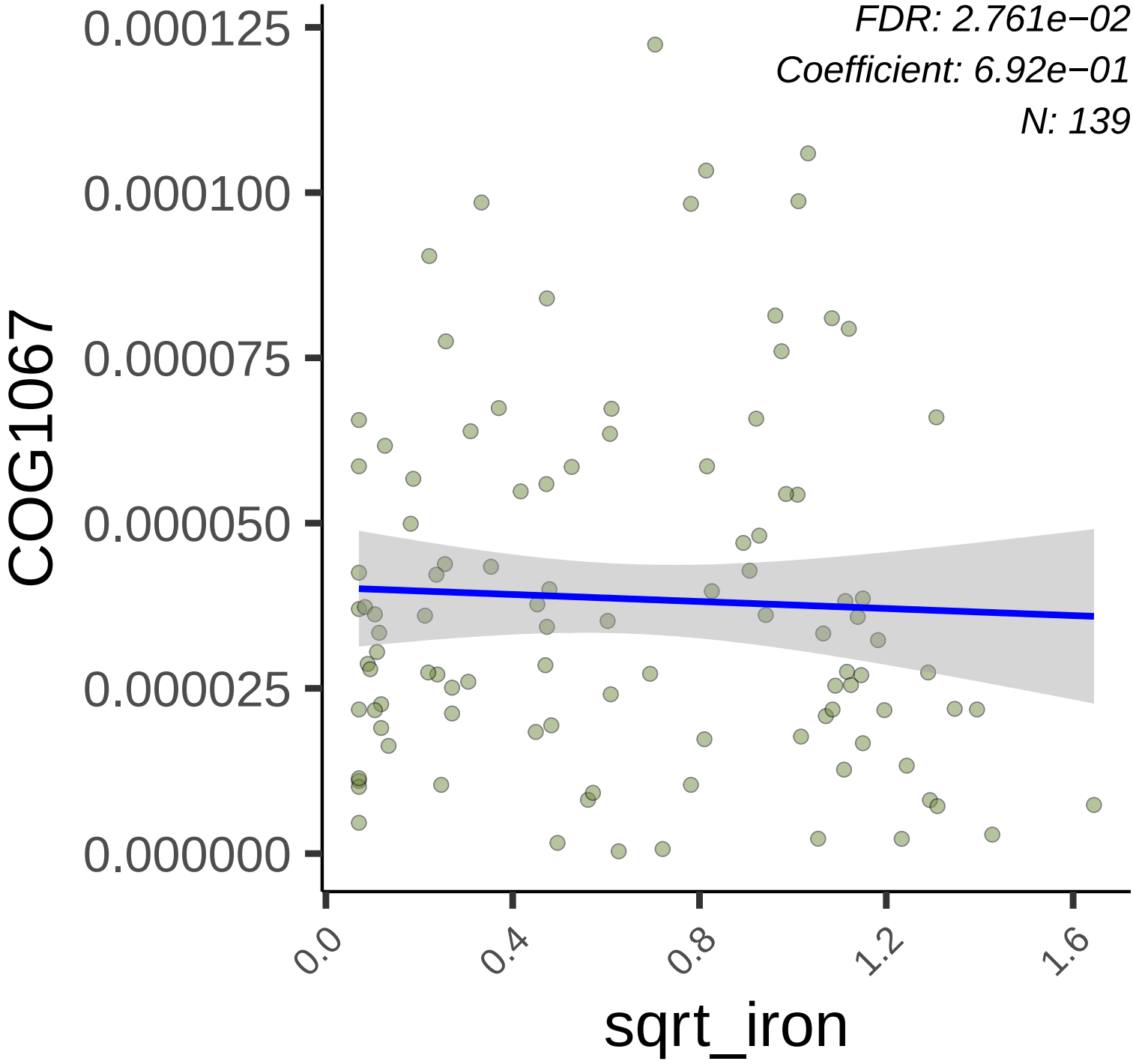
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.761e−02
Coefficient: 6.92e−01
N: 139
COG1067
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0.4
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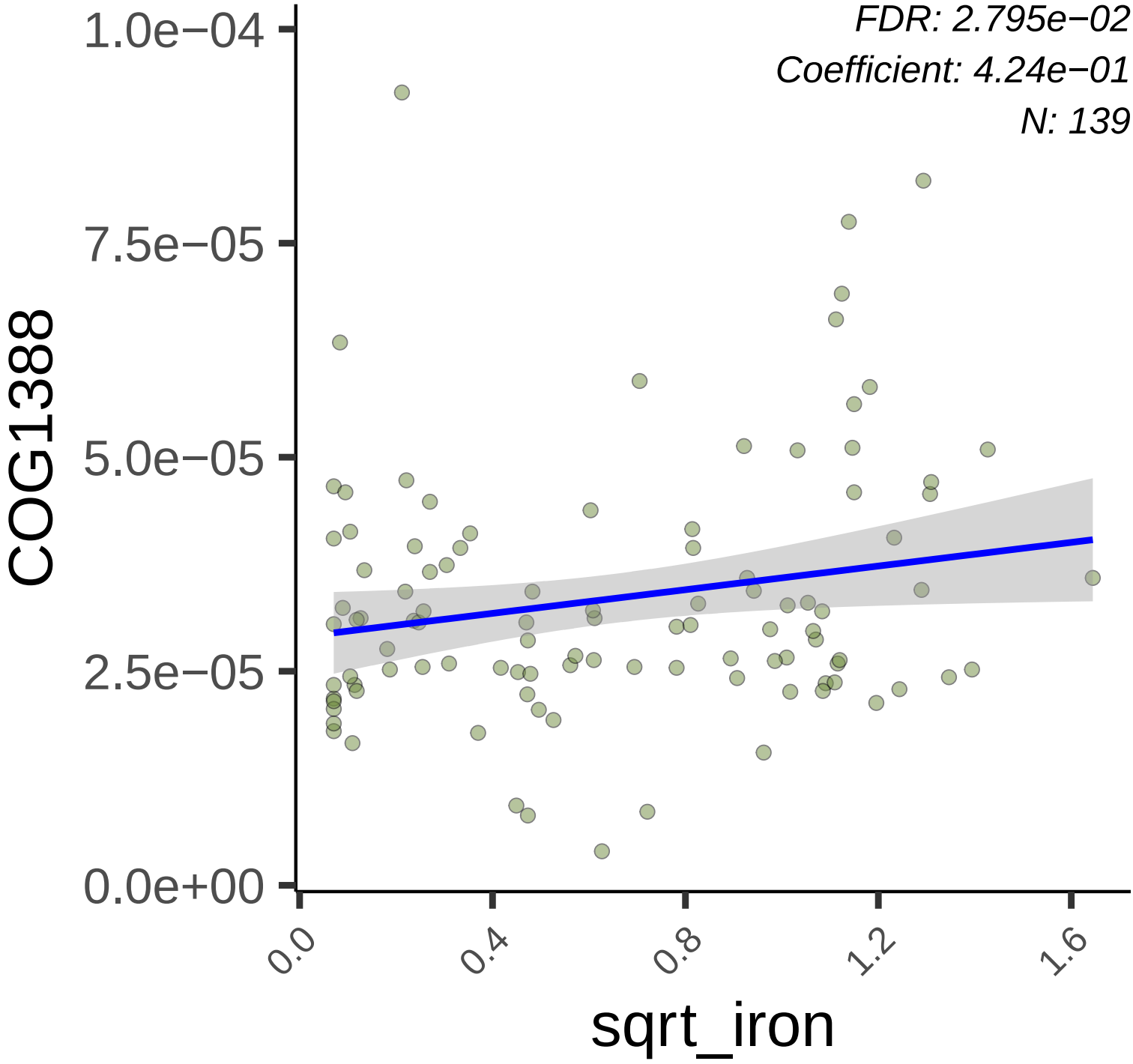
1.2
1.6
sqrt_iron


FDR: 2.795e−02
Coefficient: 4.24e−01
N: 139
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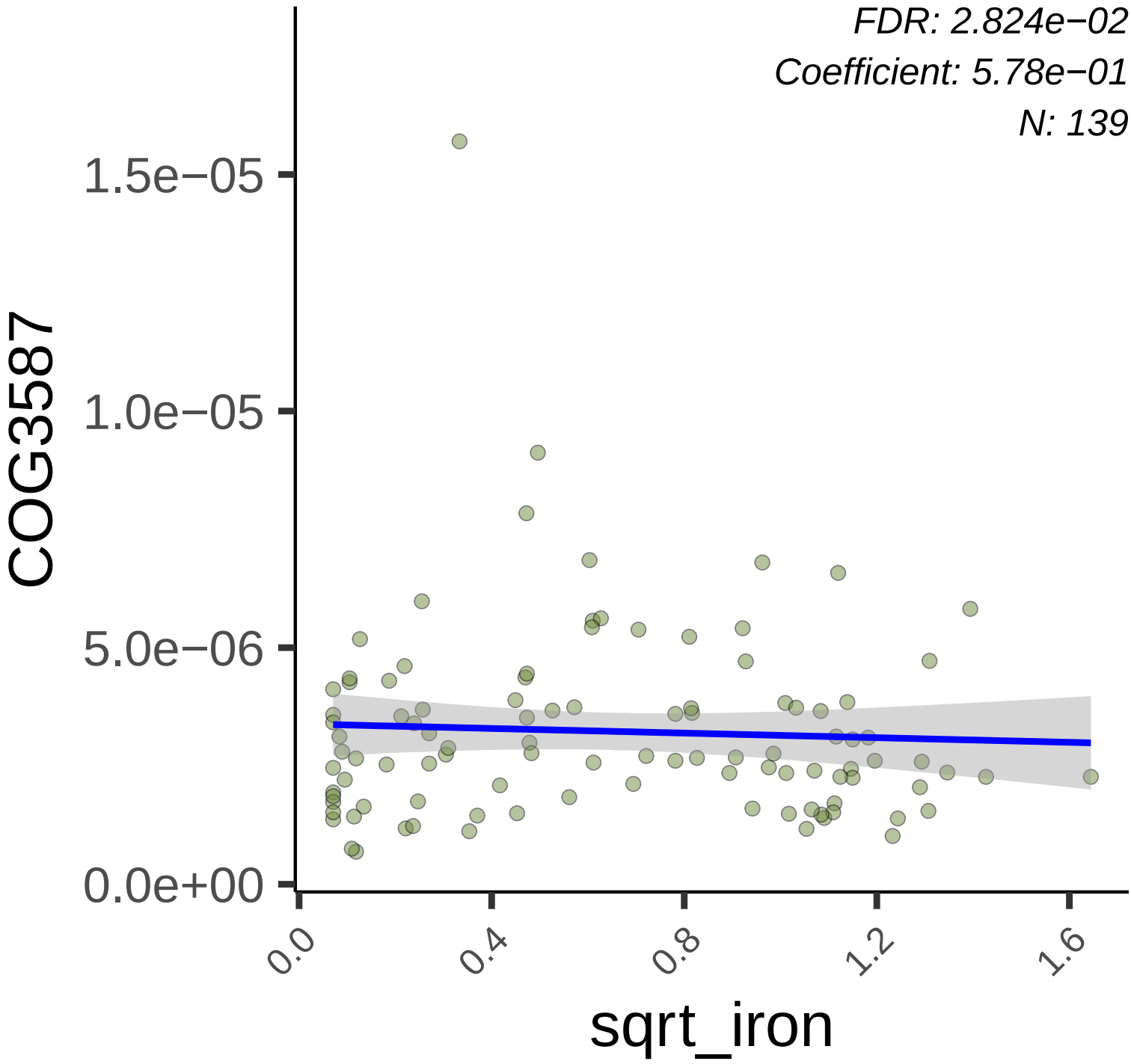
5.0e−05
2.5e−05
0.0e+00
COG1388
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.824e−02
Coefficient: 5.78e−01
N: 139
COG3587
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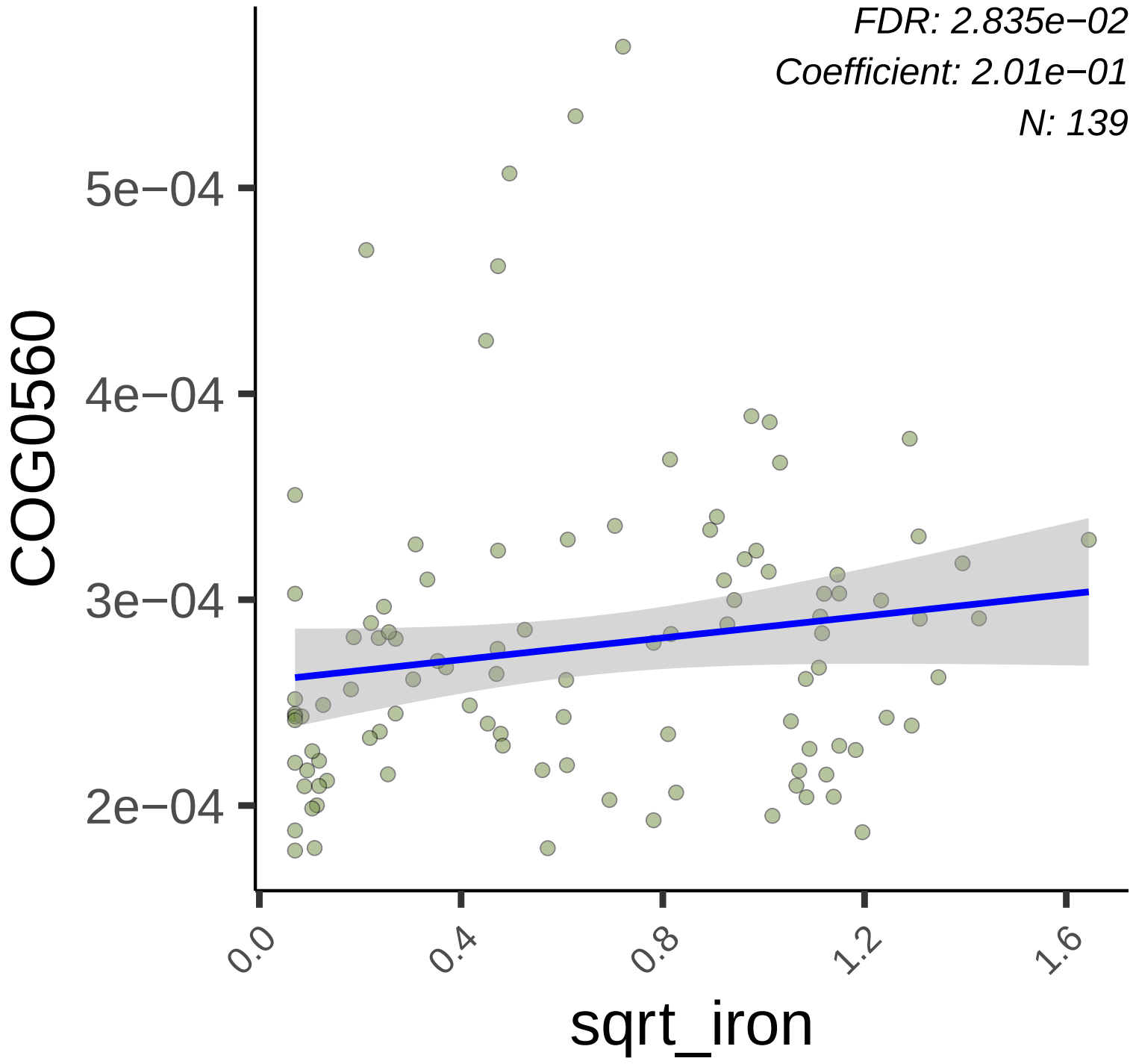
1.6
sqrt_iron


FDR: 2.835e−02
Coefficient: 2.01e−01
N: 139
COG0560
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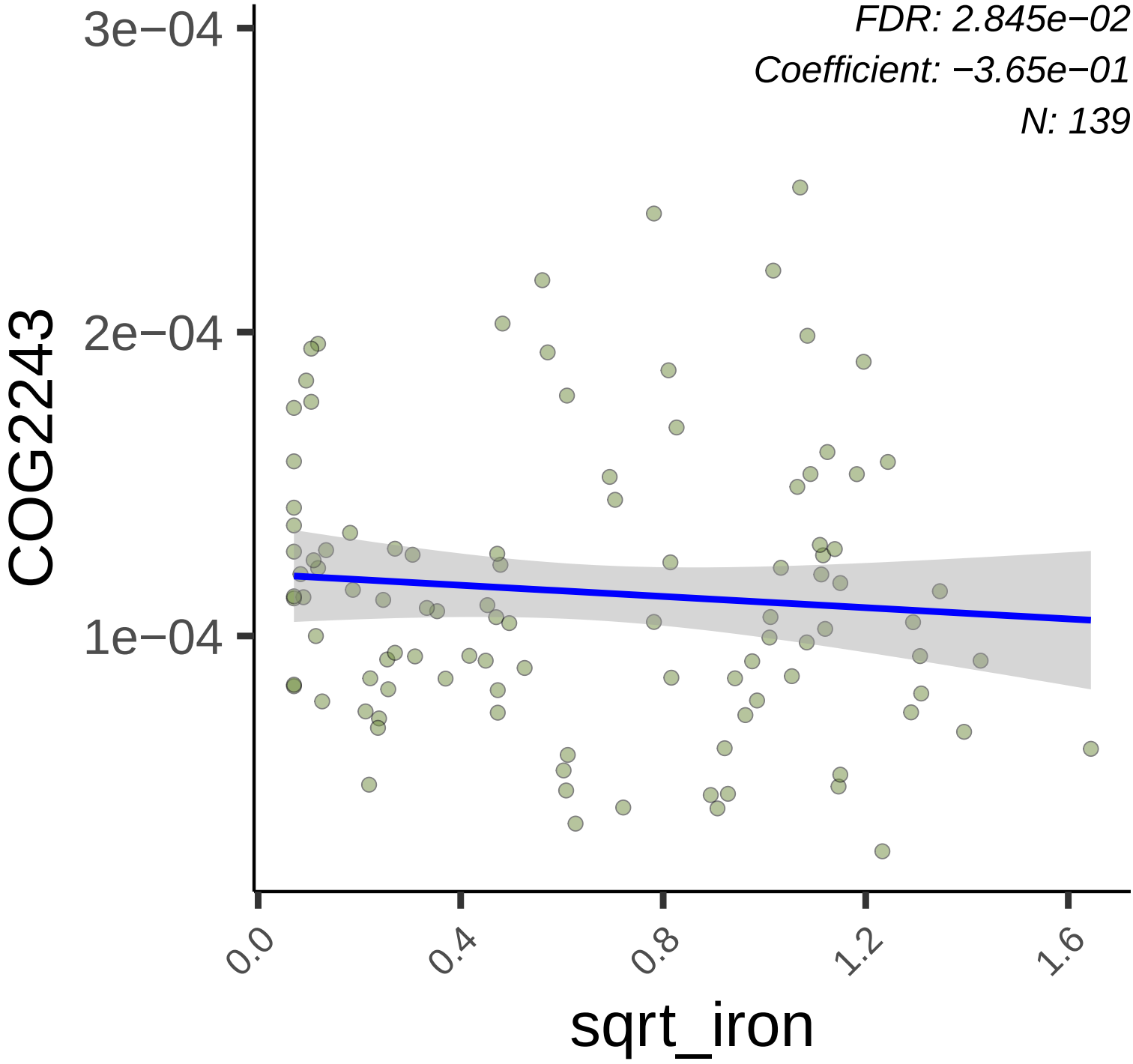
1.6
sqrt_iron


FDR: 2.845e−02
Coefficient: −3.65e−01
N: 139
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COG2243
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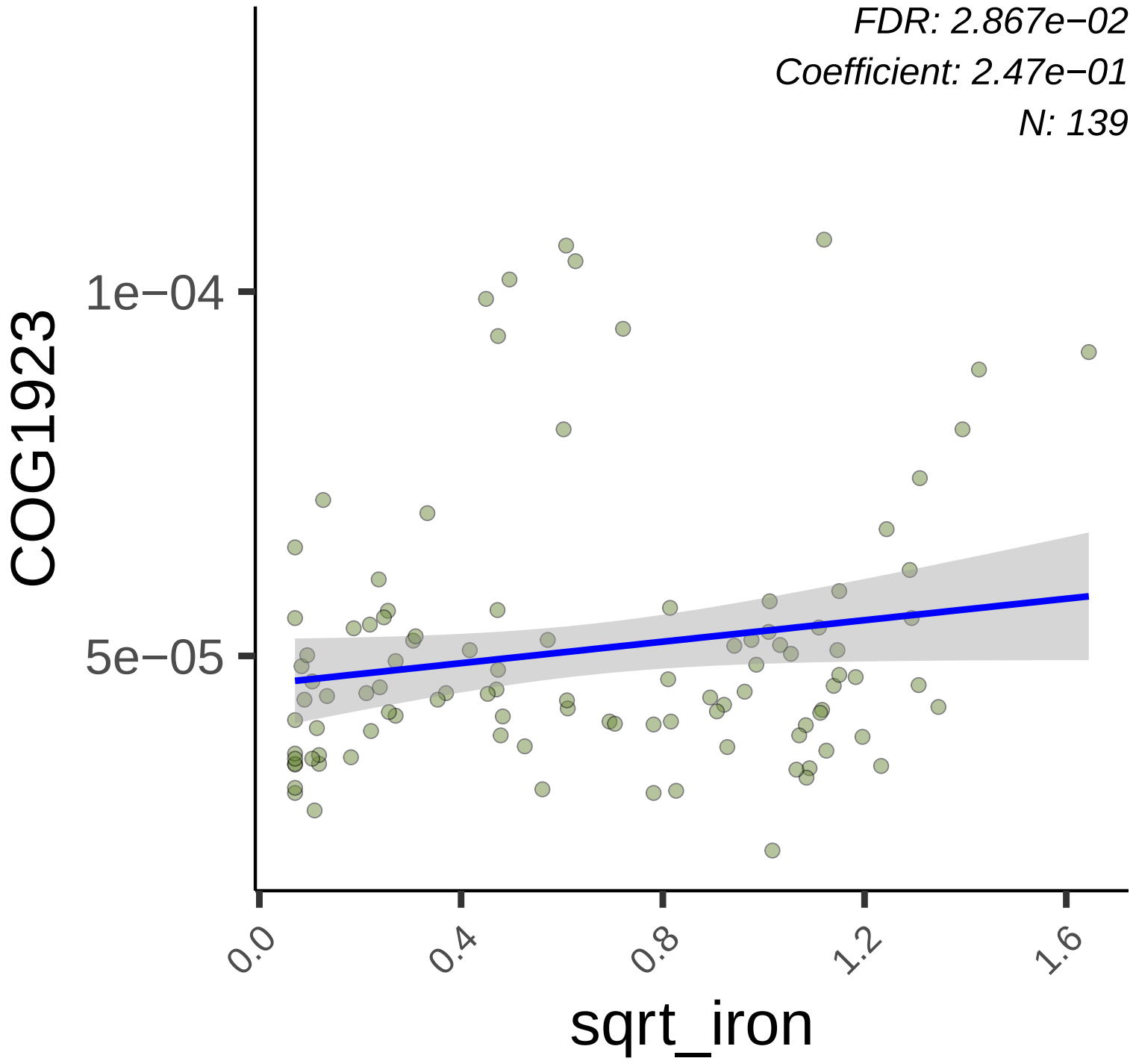
1.6
sqrt_iron


FDR: 2.867e−02
Coefficient: 2.47e−01
N: 139
COG1923
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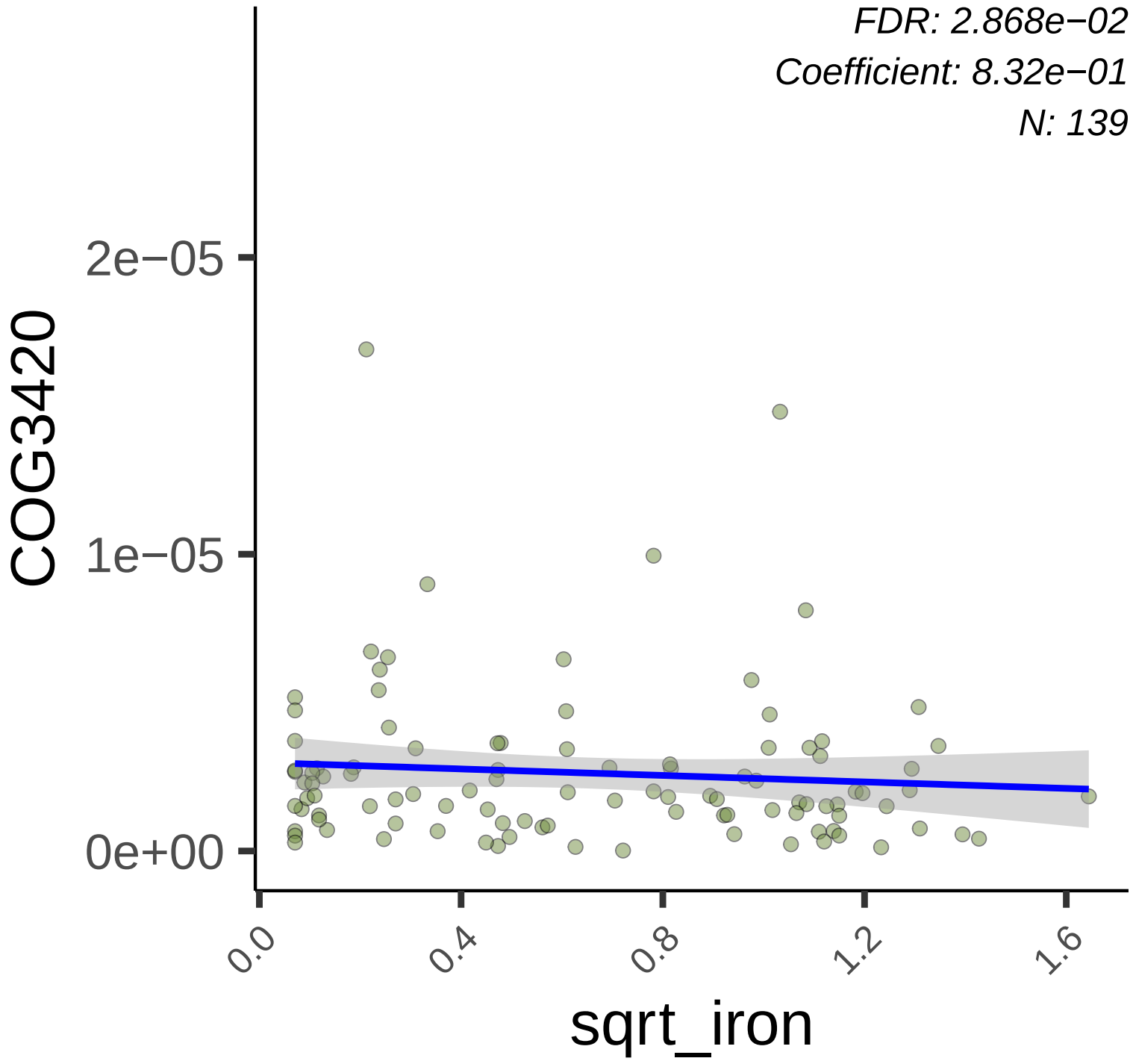
1.6
sqrt_iron


FDR: 2.868e−02
Coefficient: 8.32e−01
N: 139
COG3420
2e−05
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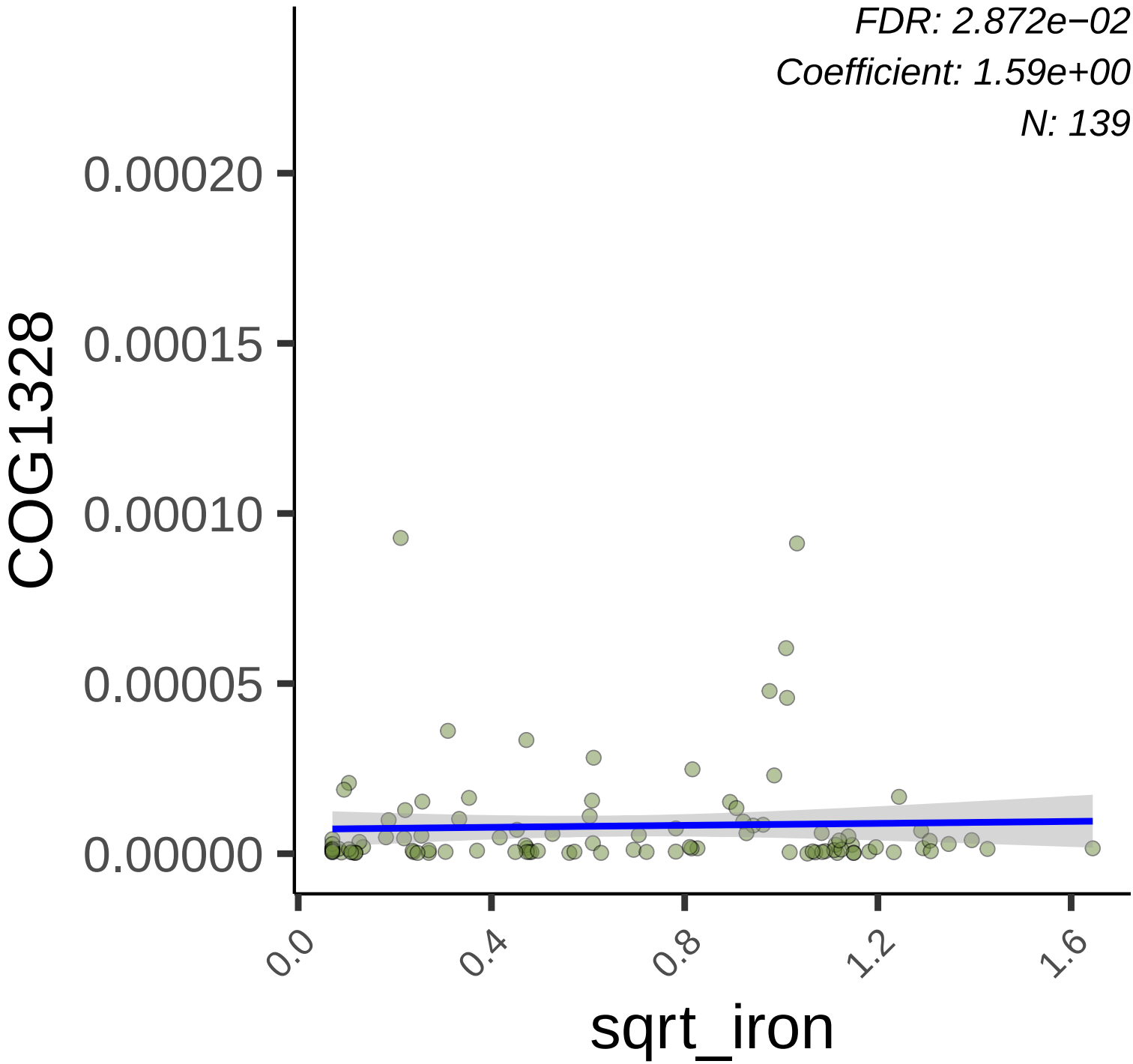
sqrt_iron


FDR: 2.872e−02
Coefficient: 1.59e+00
N: 139
COG1328
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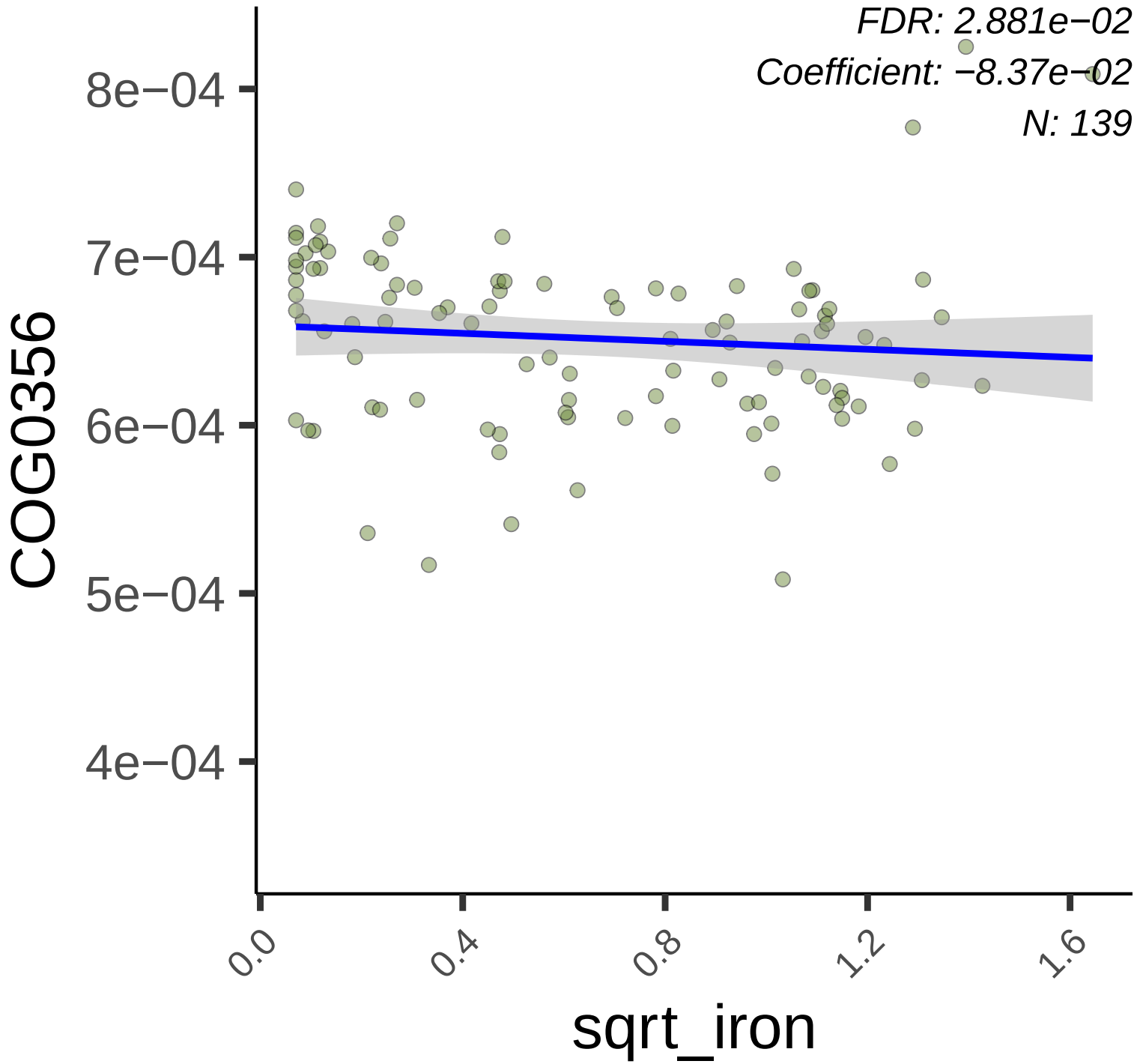
sqrt_iron


FDR: 2.881e−02
Coefficient: −8.37e−02
N: 139
8e−04
7e−04
6e−04
5e−04
4e−04
COG0356
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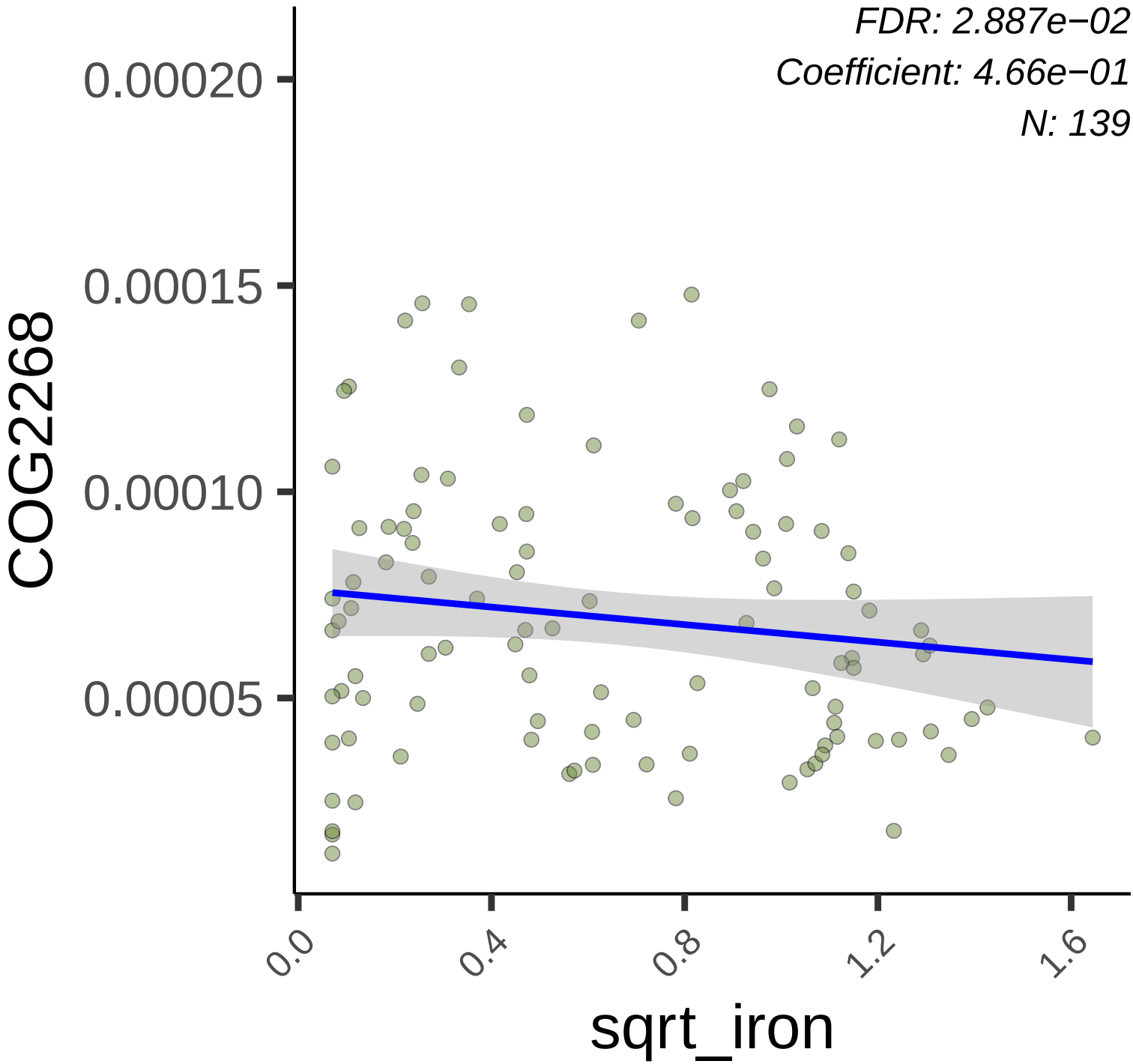
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.887e−02
Coefficient: 4.66e−01
N: 139
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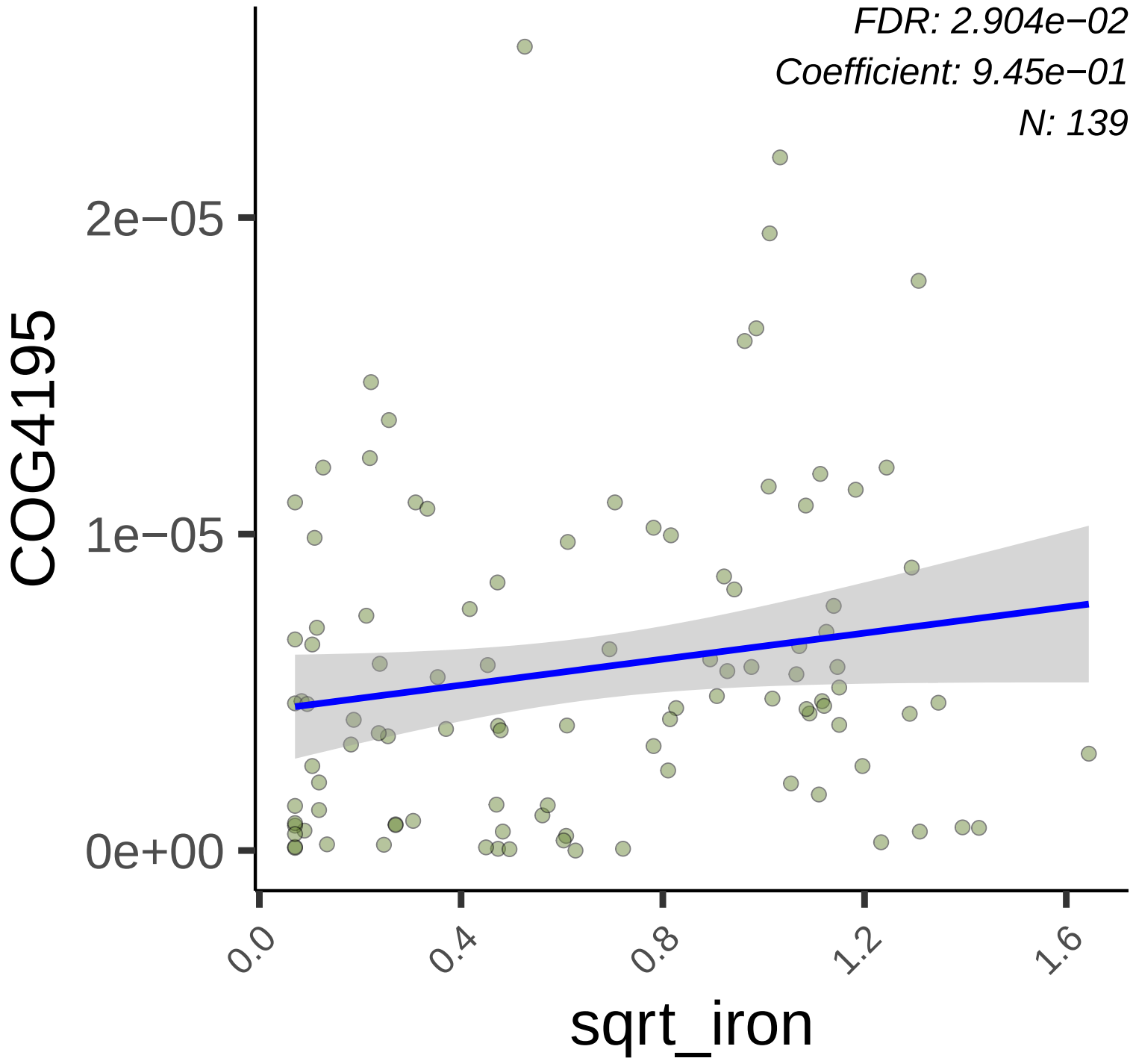
COG2268
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.904e−02
Coefficient: 9.45e−01
N: 139
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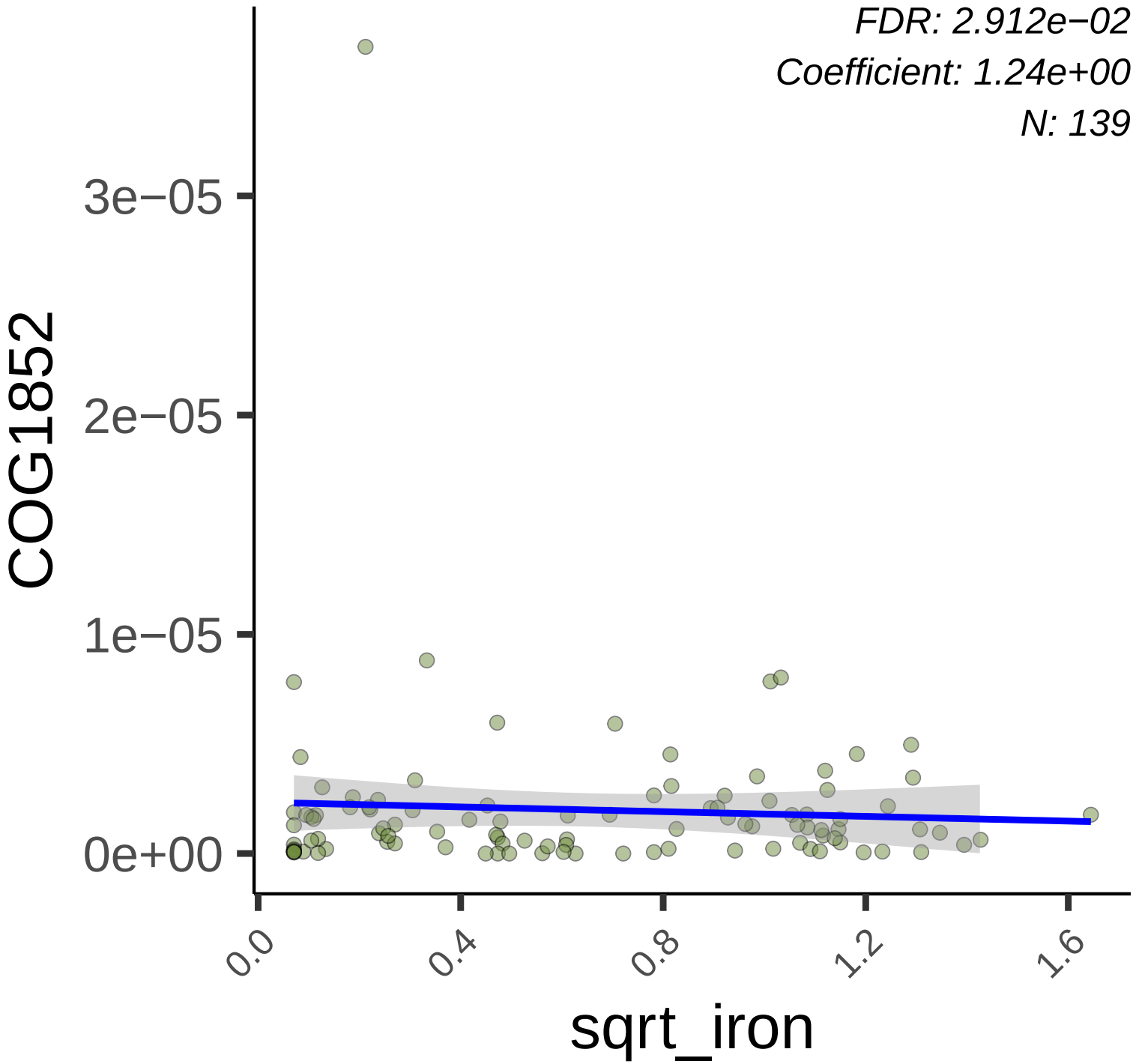
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.912e−02
Coefficient: 1.24e+00
N: 139
COG1852
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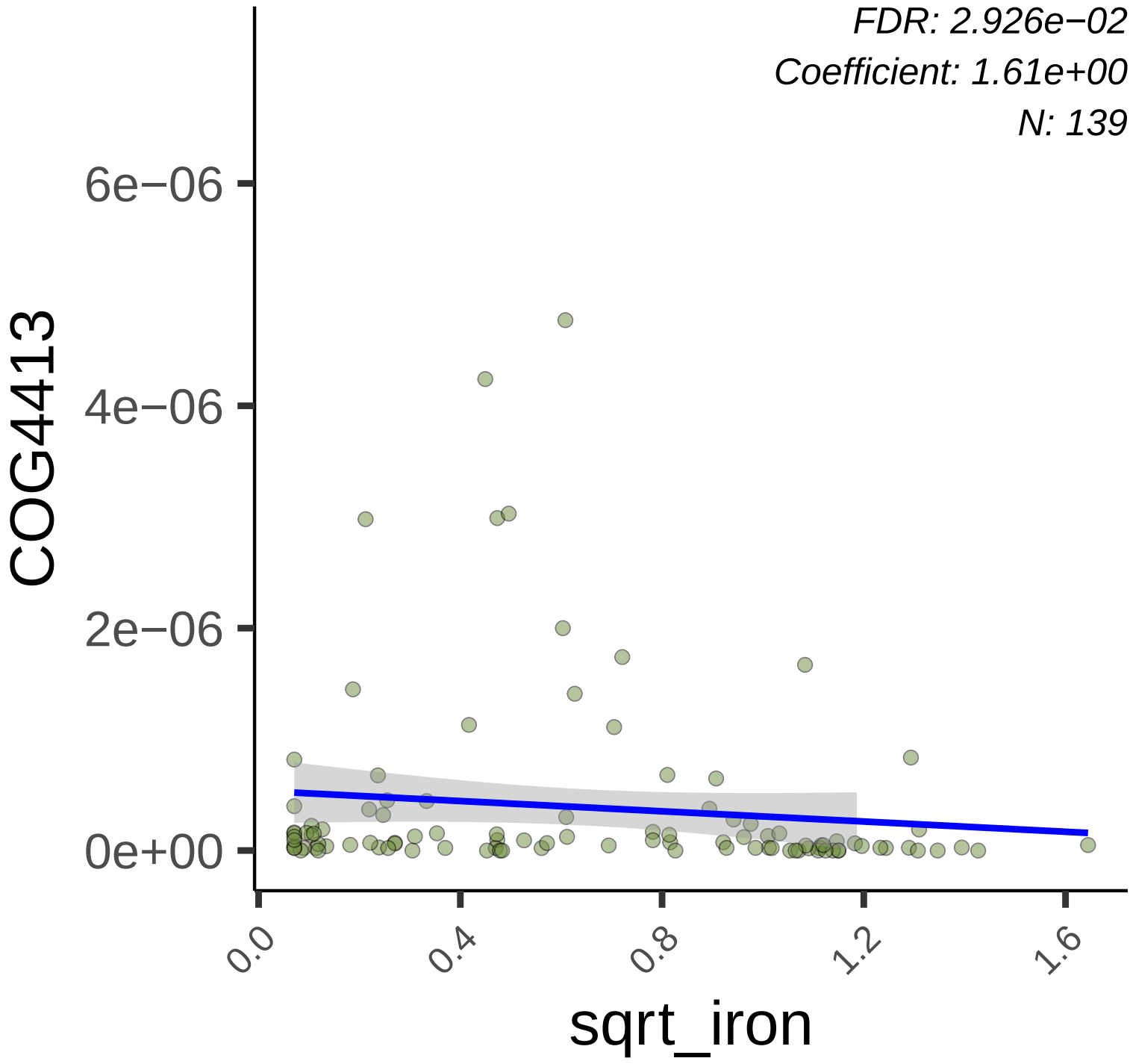
2e−05
1e−05
0e+00
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.926e−02
Coefficient: 1.61e+00
N: 139
COG4413
6e−06
4e−06
2e−06
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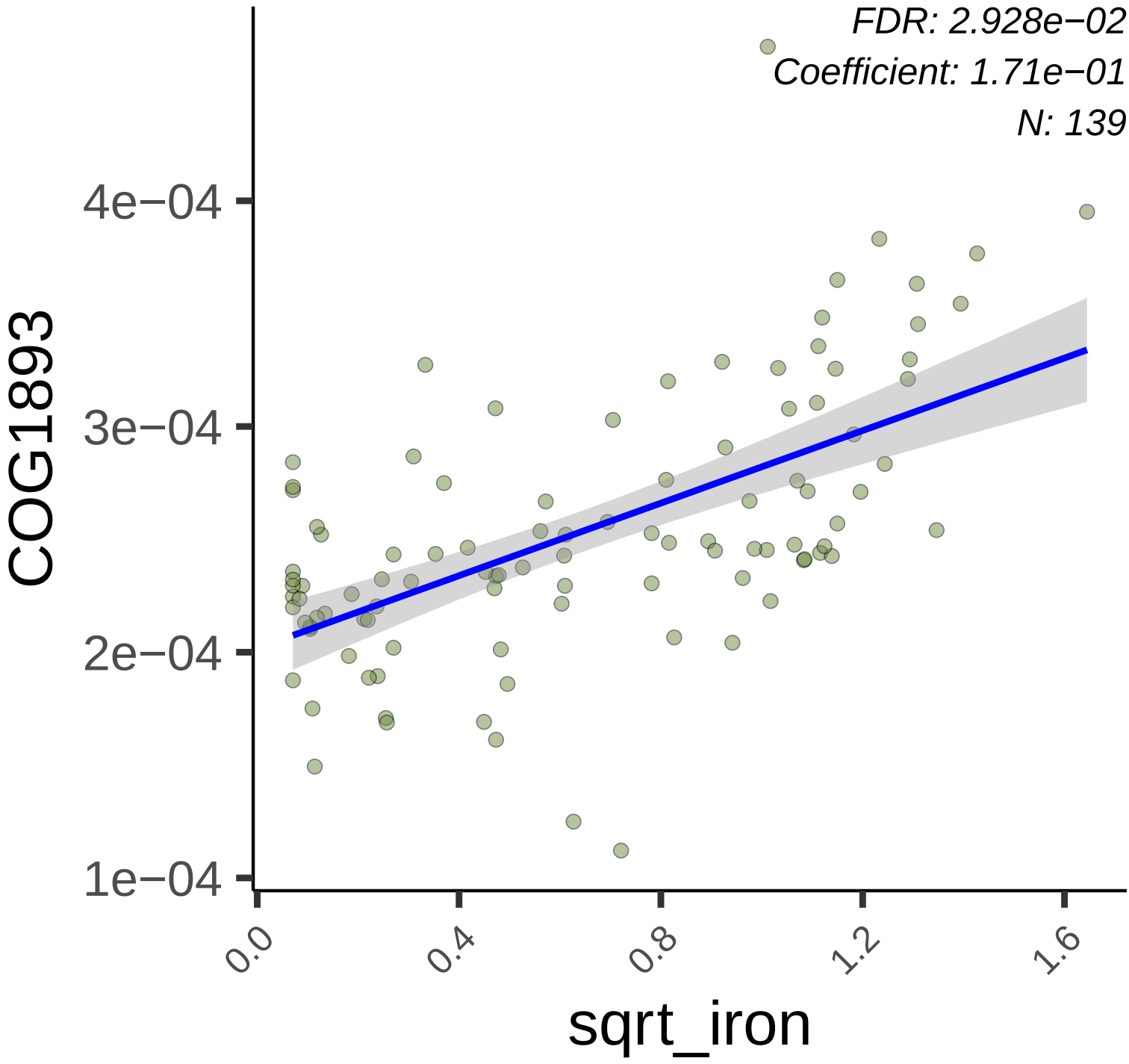
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.928e−02
Coefficient: 1.71e−01
N: 139
COG1893
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3e−04
2e−04
1e−04
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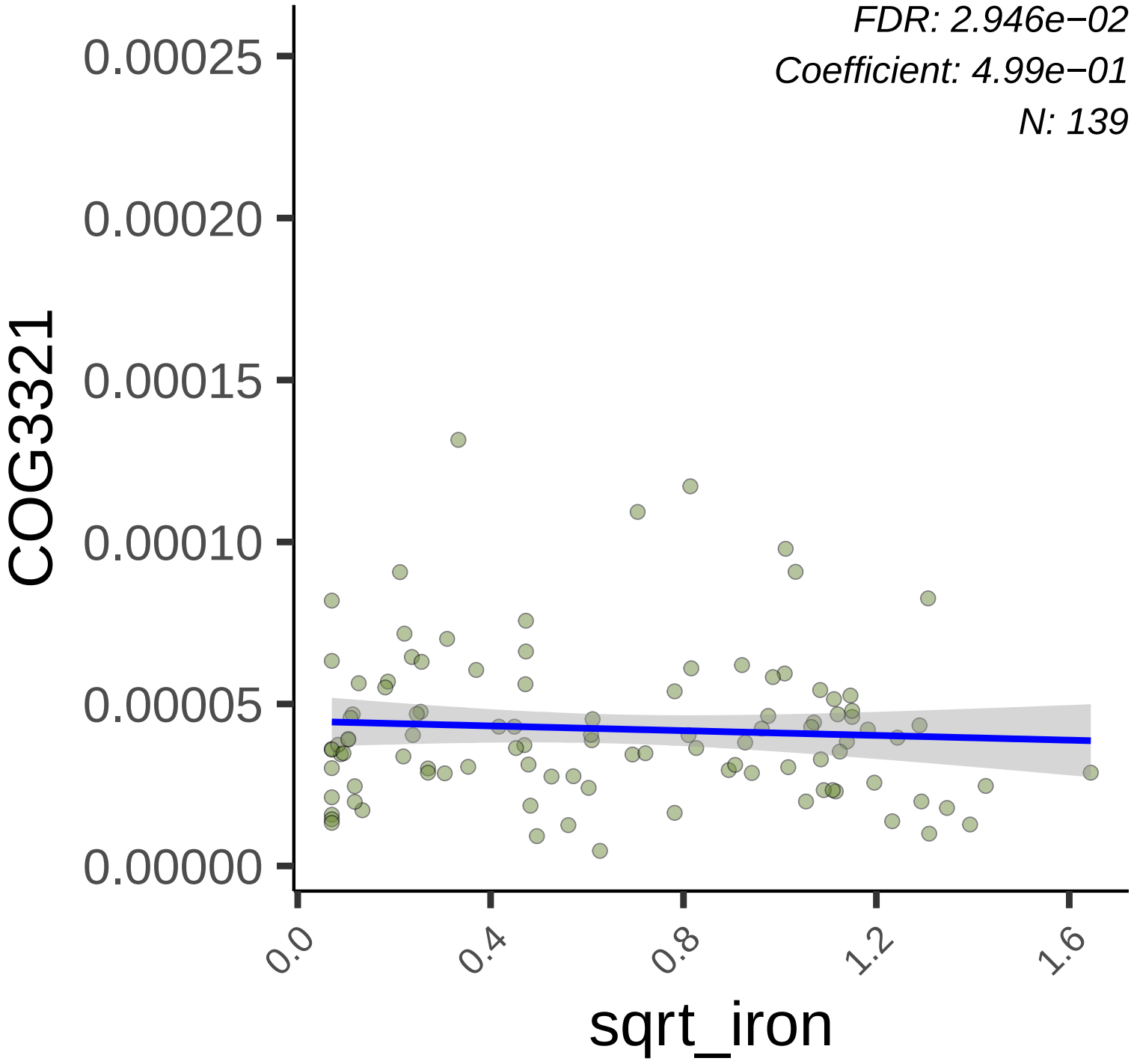
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.946e−02
Coefficient: 4.99e−01
N: 139
COG3321
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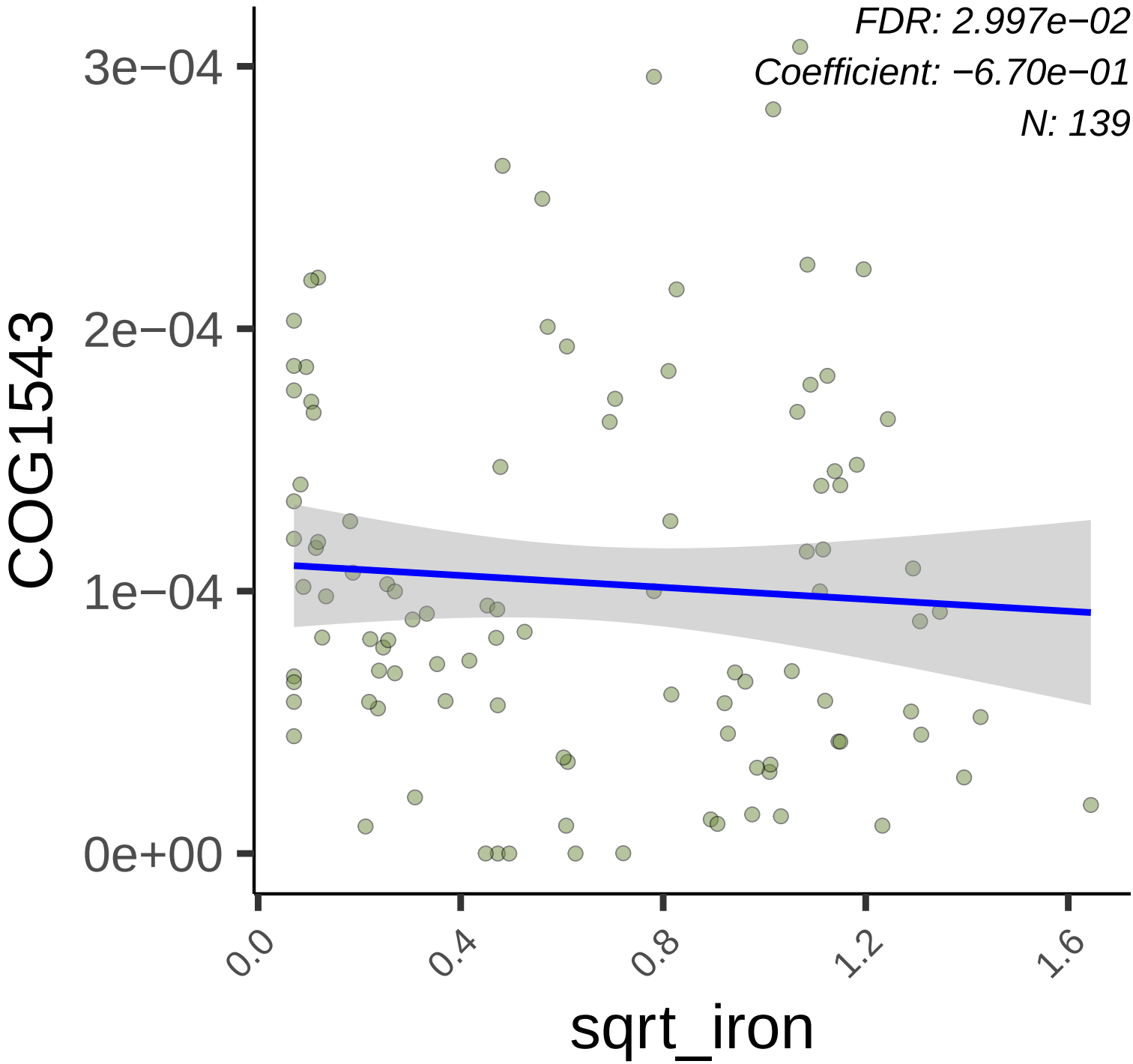
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 2.997e−02
Coefficient: −6.70e−01
N: 139
3e−04
2e−04
1e−04
0e+00
COG1543
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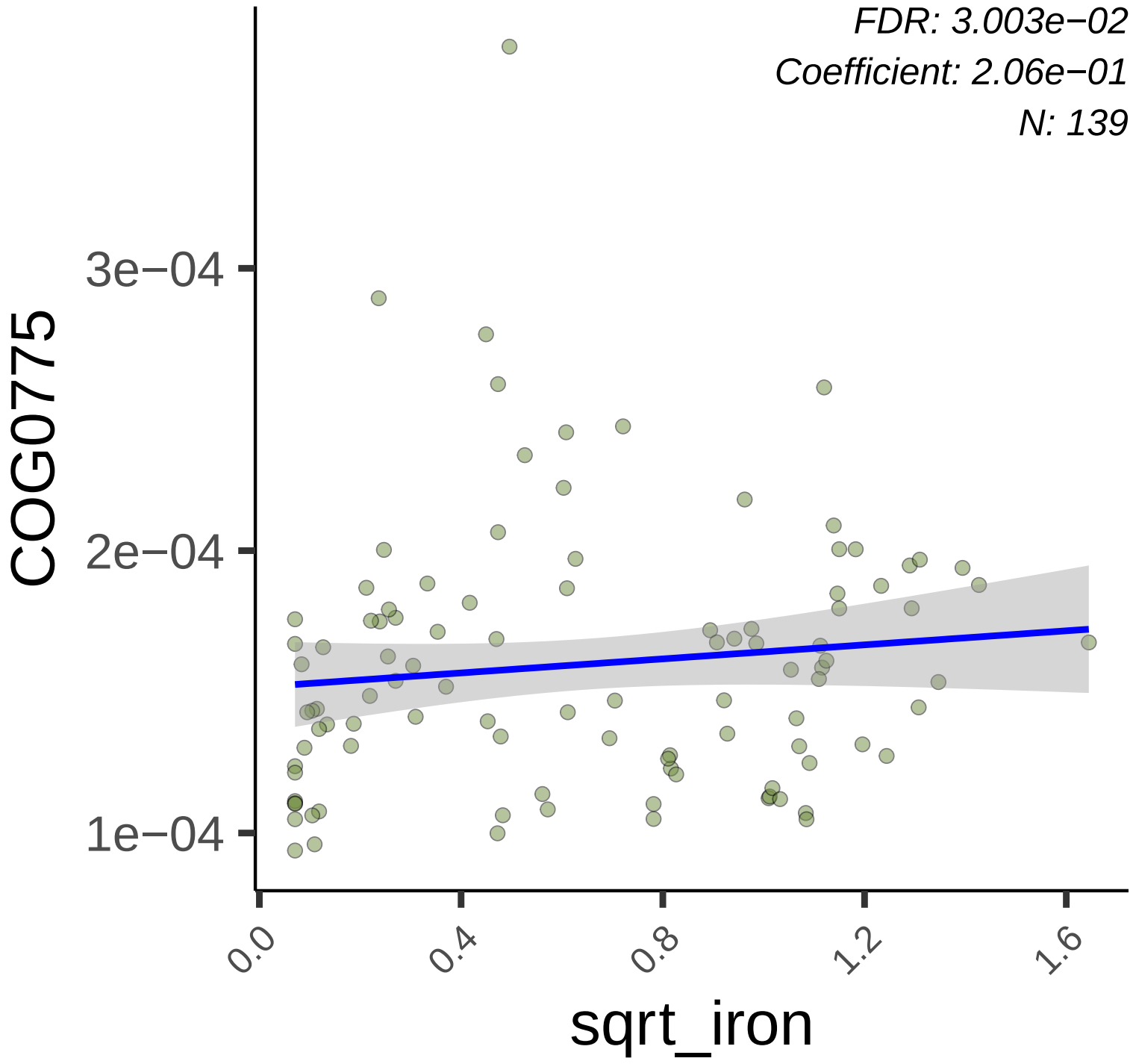
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.003e−02
Coefficient: 2.06e−01
N: 139
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2e−04
1e−04
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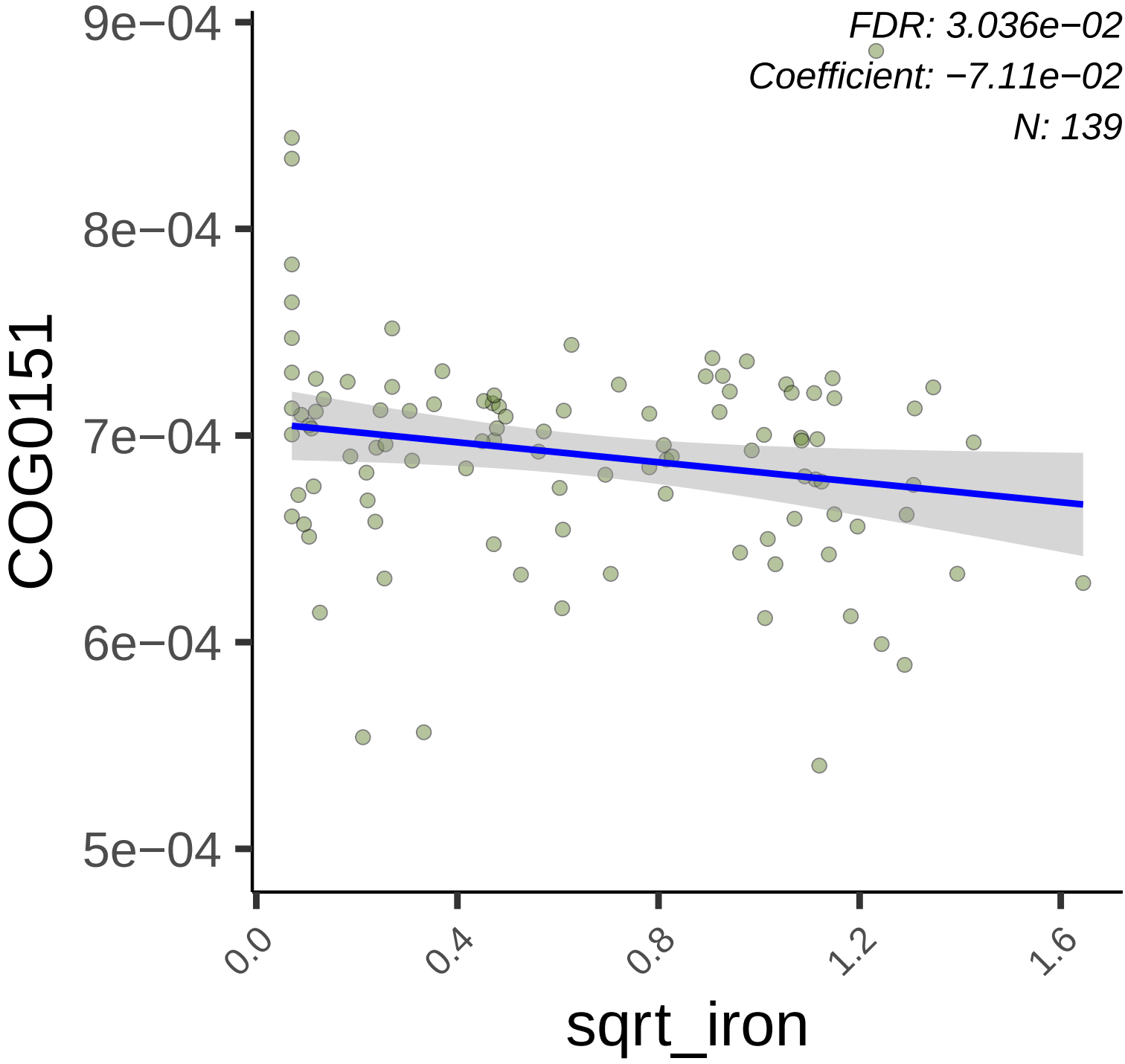
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.036e−02
Coefficient: −7.11e−02
N: 139
9e−04
8e−04
7e−04
6e−04
5e−04
COG0151
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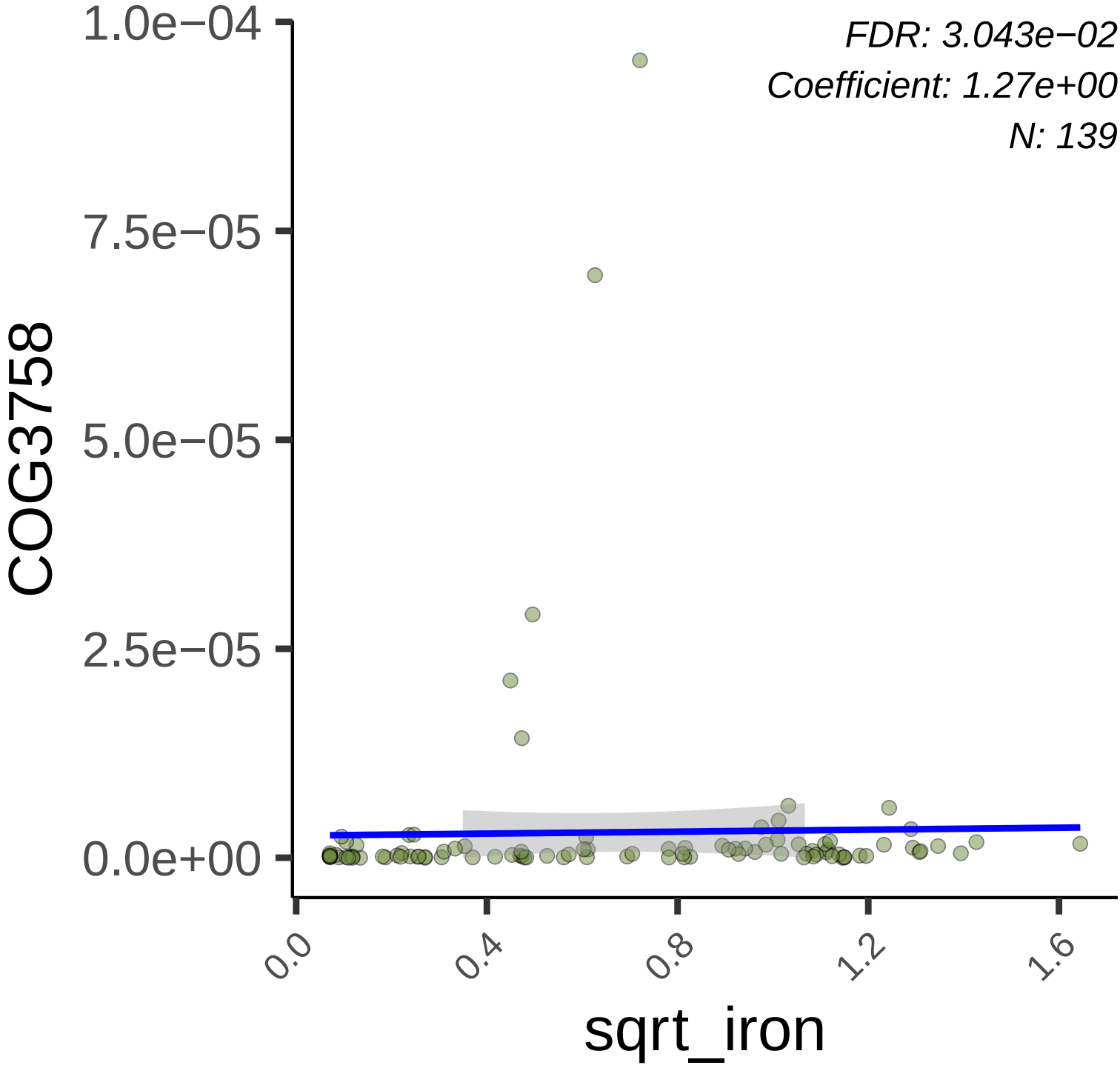
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.043e−02
Coefficient: 1.27e+00
N: 139
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7.5e−05
5.0e−05
2.5e−05
0.0e+00
COG3758
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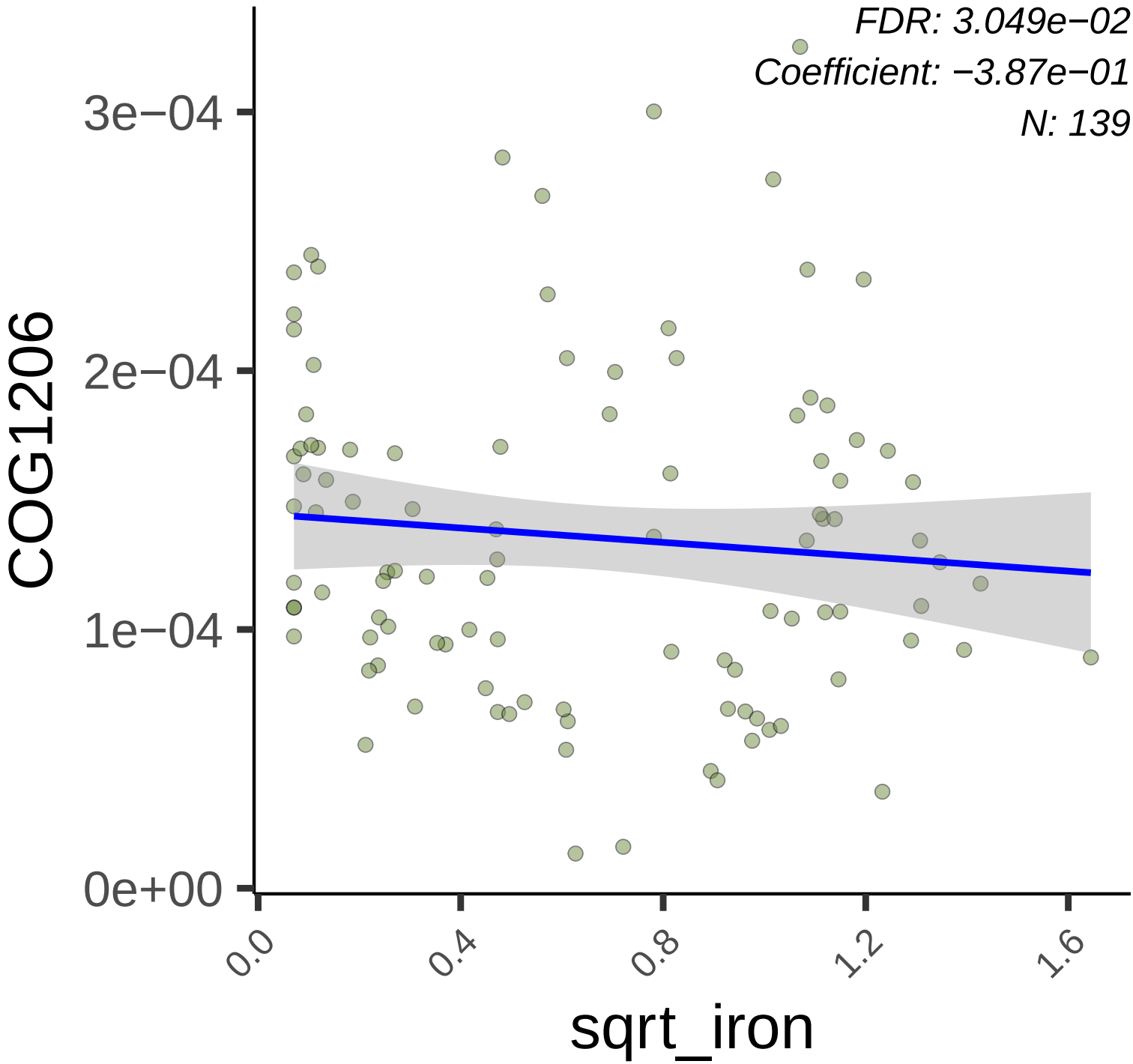
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.049e−02
Coefficient: −3.87e−01
N: 139
COG1206
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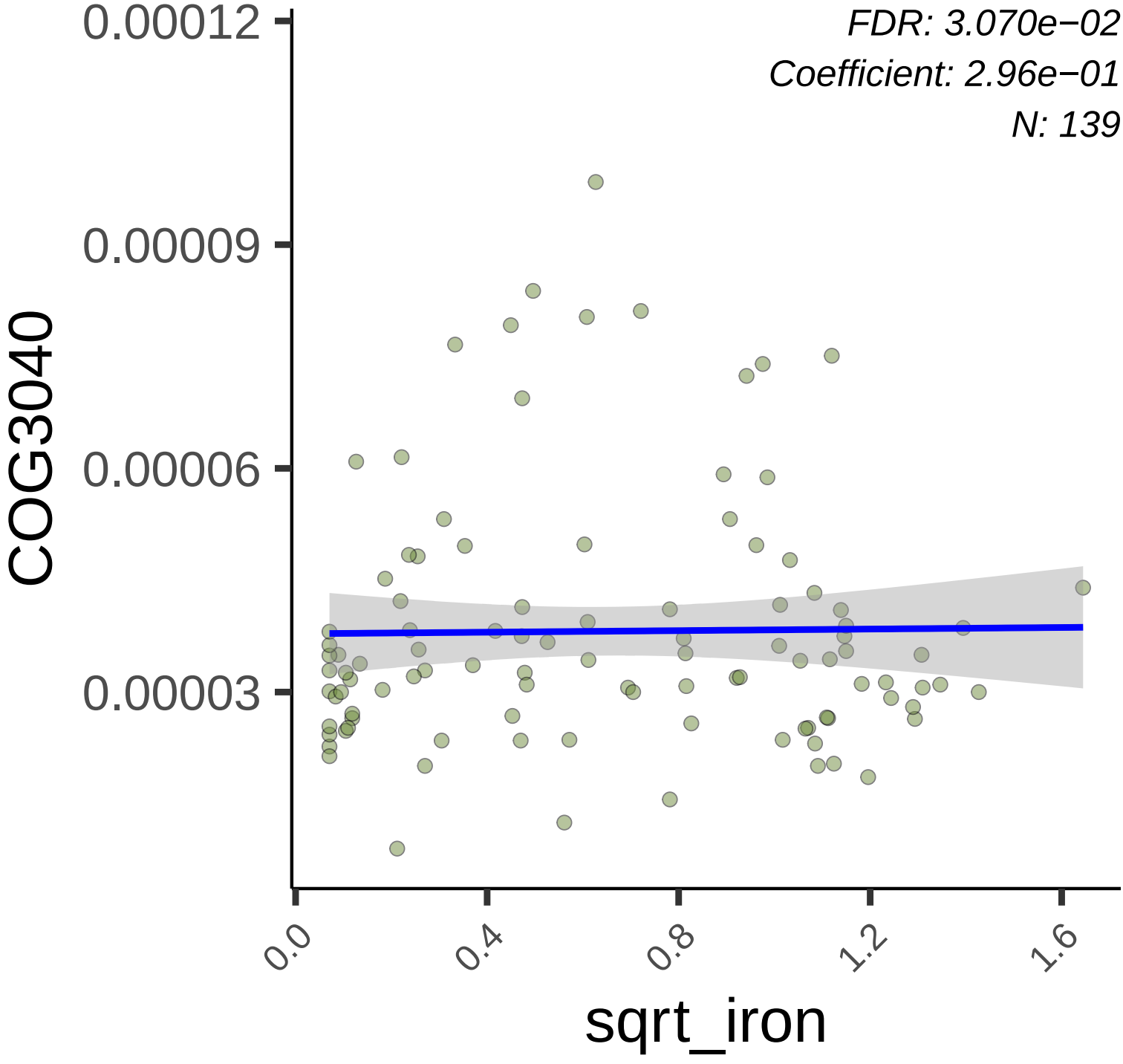
2e−04
1e−04
0e+00
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.070e−02
Coefficient: 2.96e−01
N: 139
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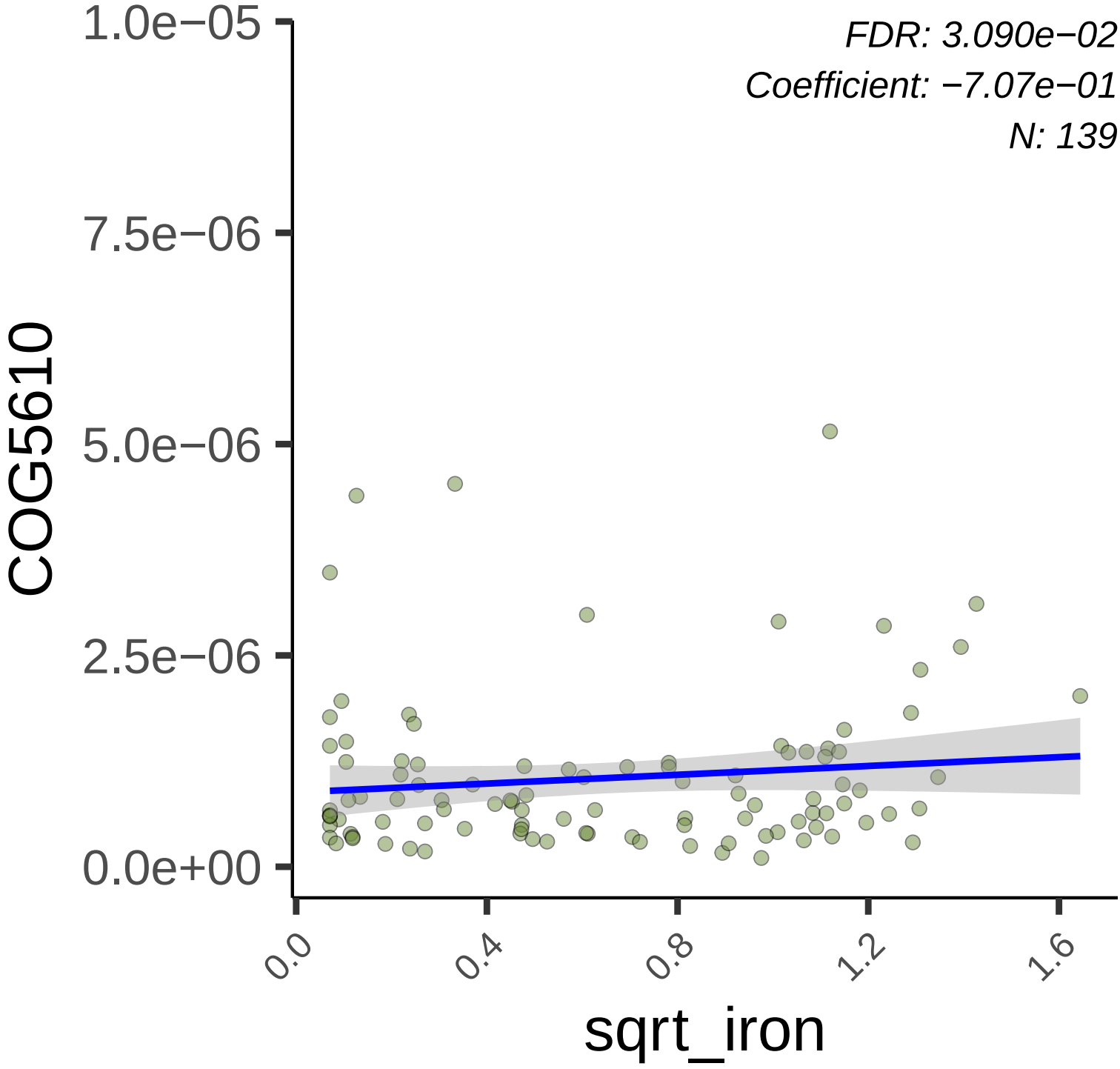
0.00006
0.00003
COG3040
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.090e−02
Coefficient: −7.07e−01
N: 139
1.0e−05
7.5e−06
5.0e−06
2.5e−06
0.0e+00
COG5610
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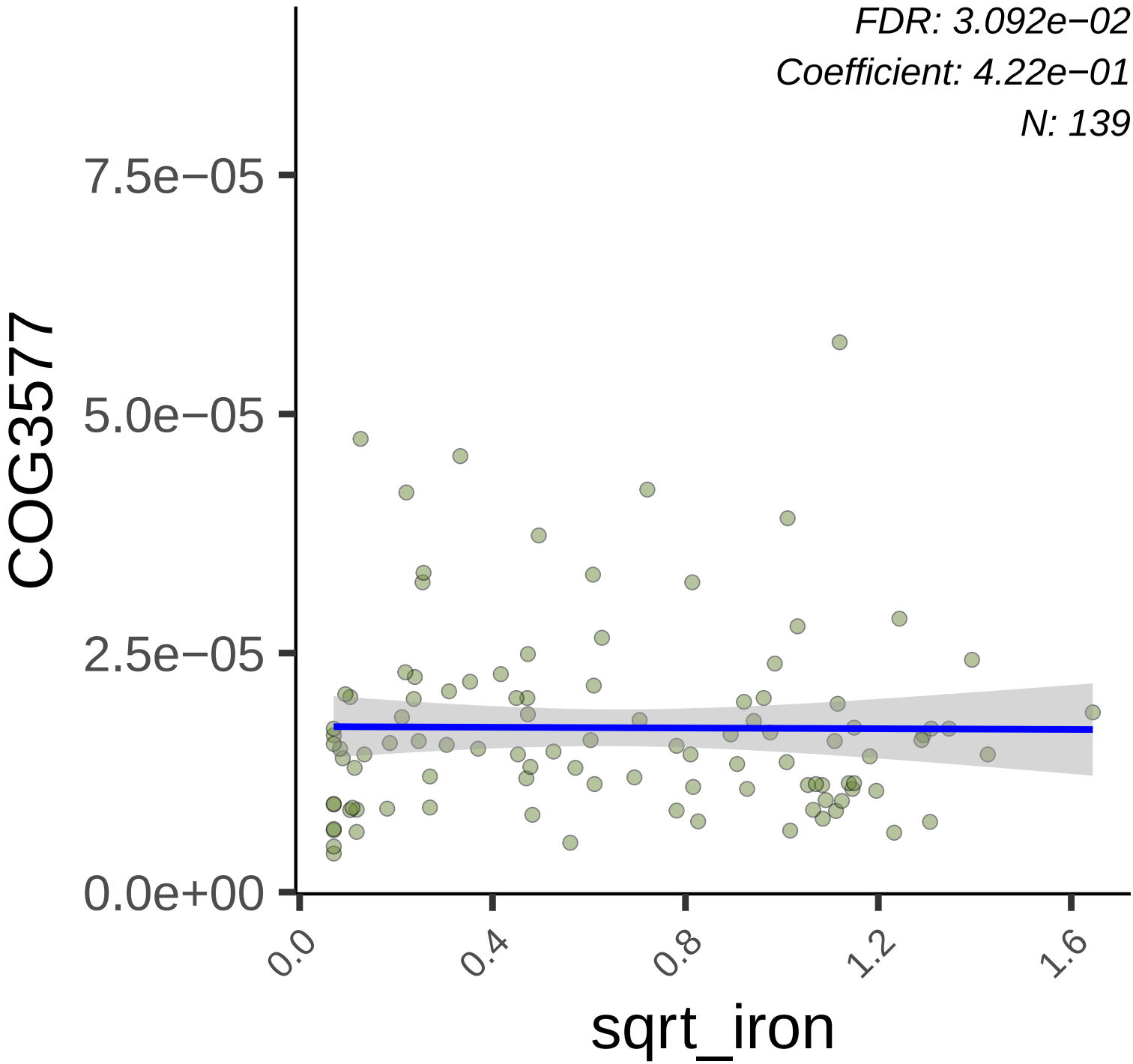
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.092e−02
Coefficient: 4.22e−01
N: 139
COG3577
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5.0e−05
2.5e−05
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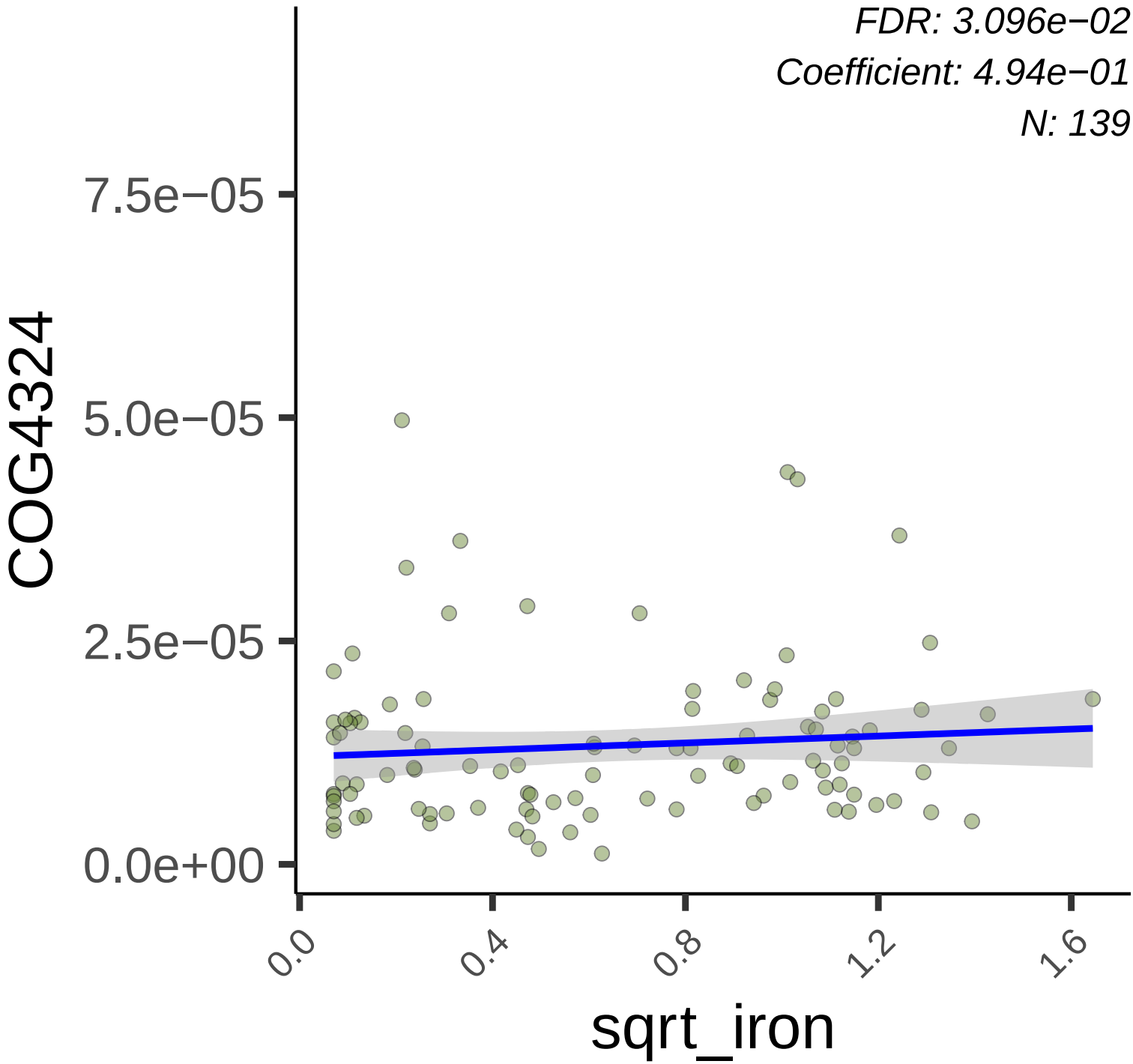
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.096e−02
Coefficient: 4.94e−01
N: 139
COG4324
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2.5e−05
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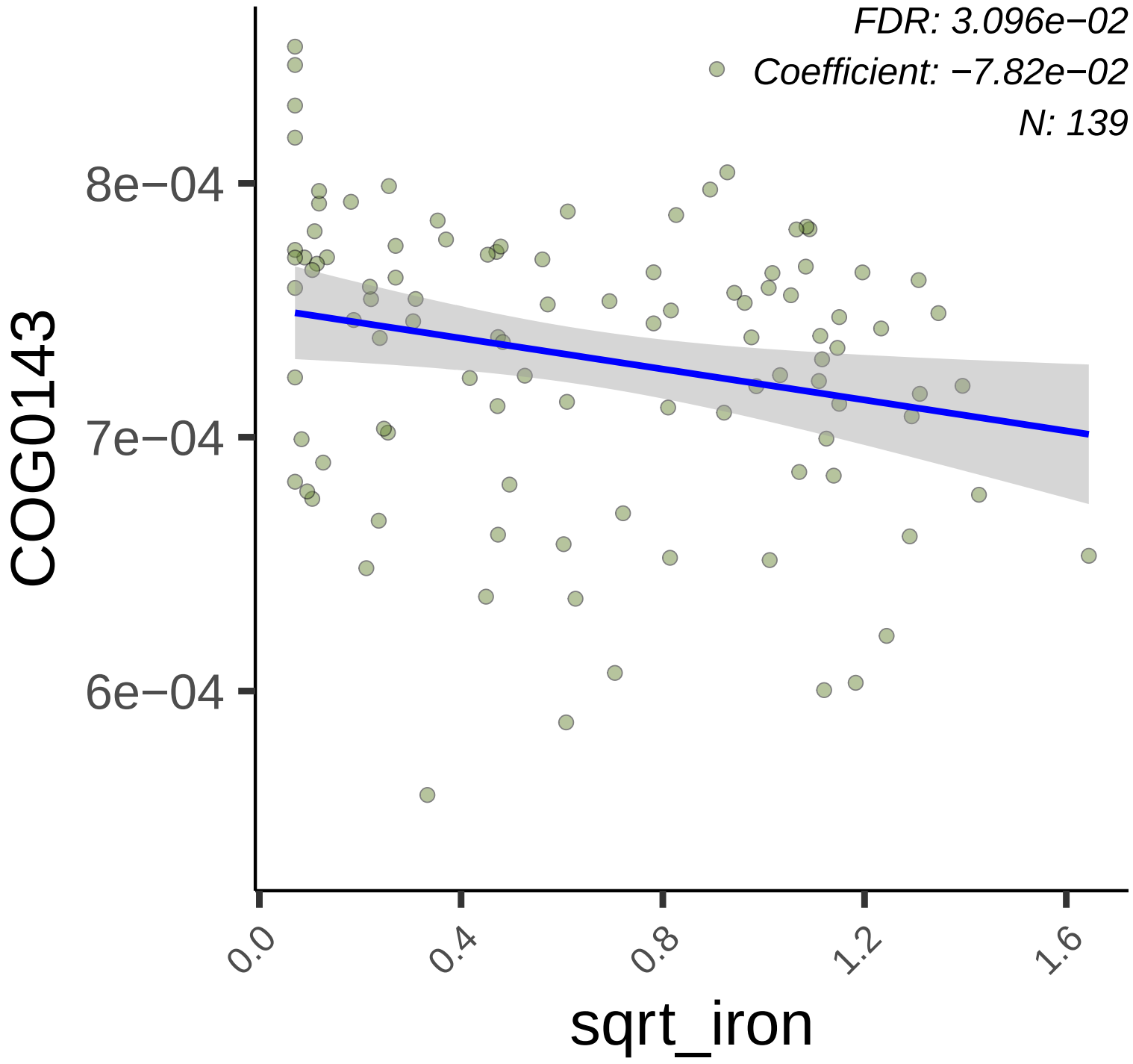
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.096e−02
Coefficient: −7.82e−02
N: 139
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7e−04
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COG0143
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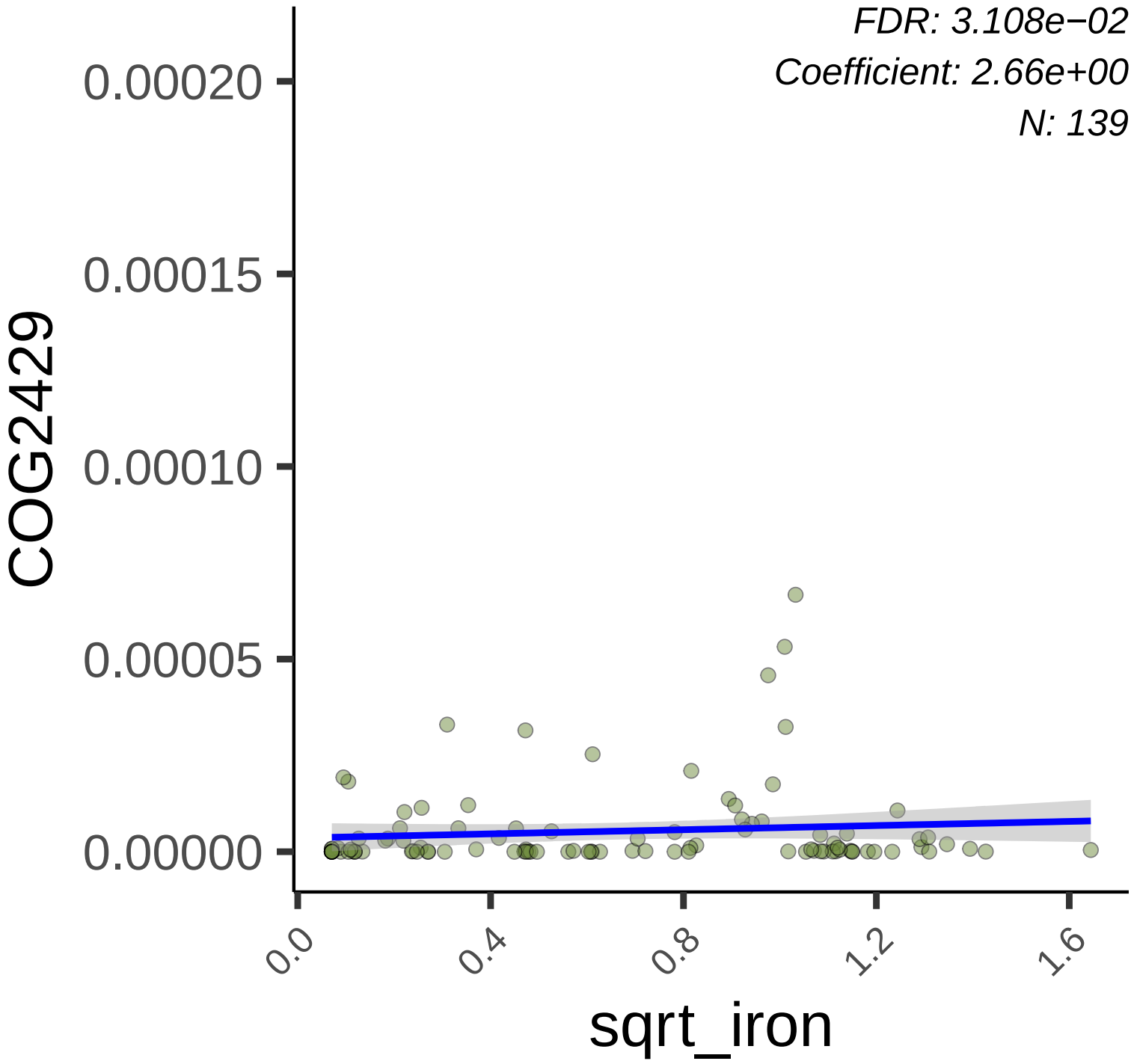
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.108e−02
Coefficient: 2.66e+00
N: 139
COG2429
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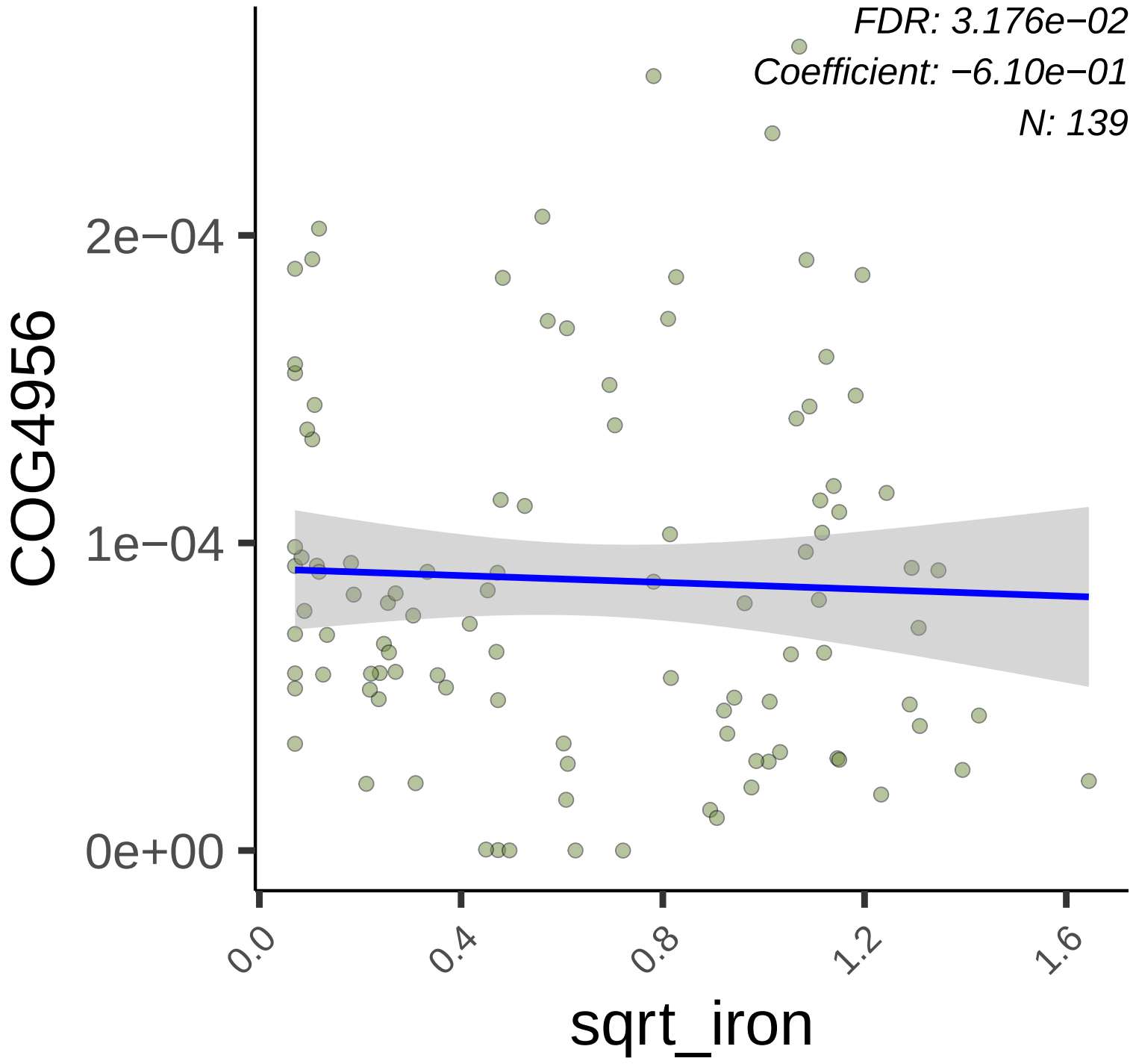
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.176e−02
Coefficient: −6.10e−01
N: 139
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0e+00
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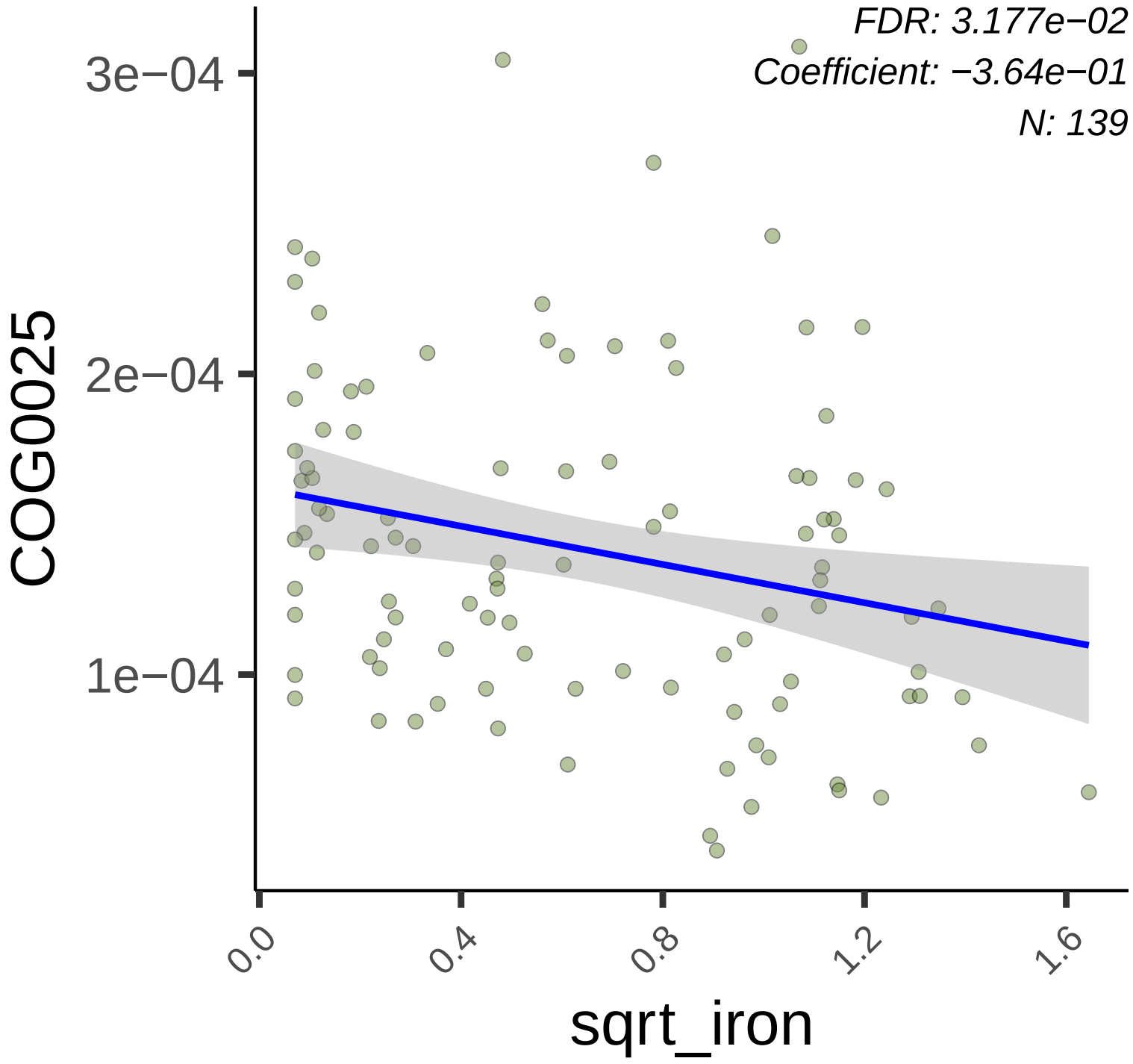
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.177e−02
Coefficient: −3.64e−01
N: 139
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2e−04
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COG0025
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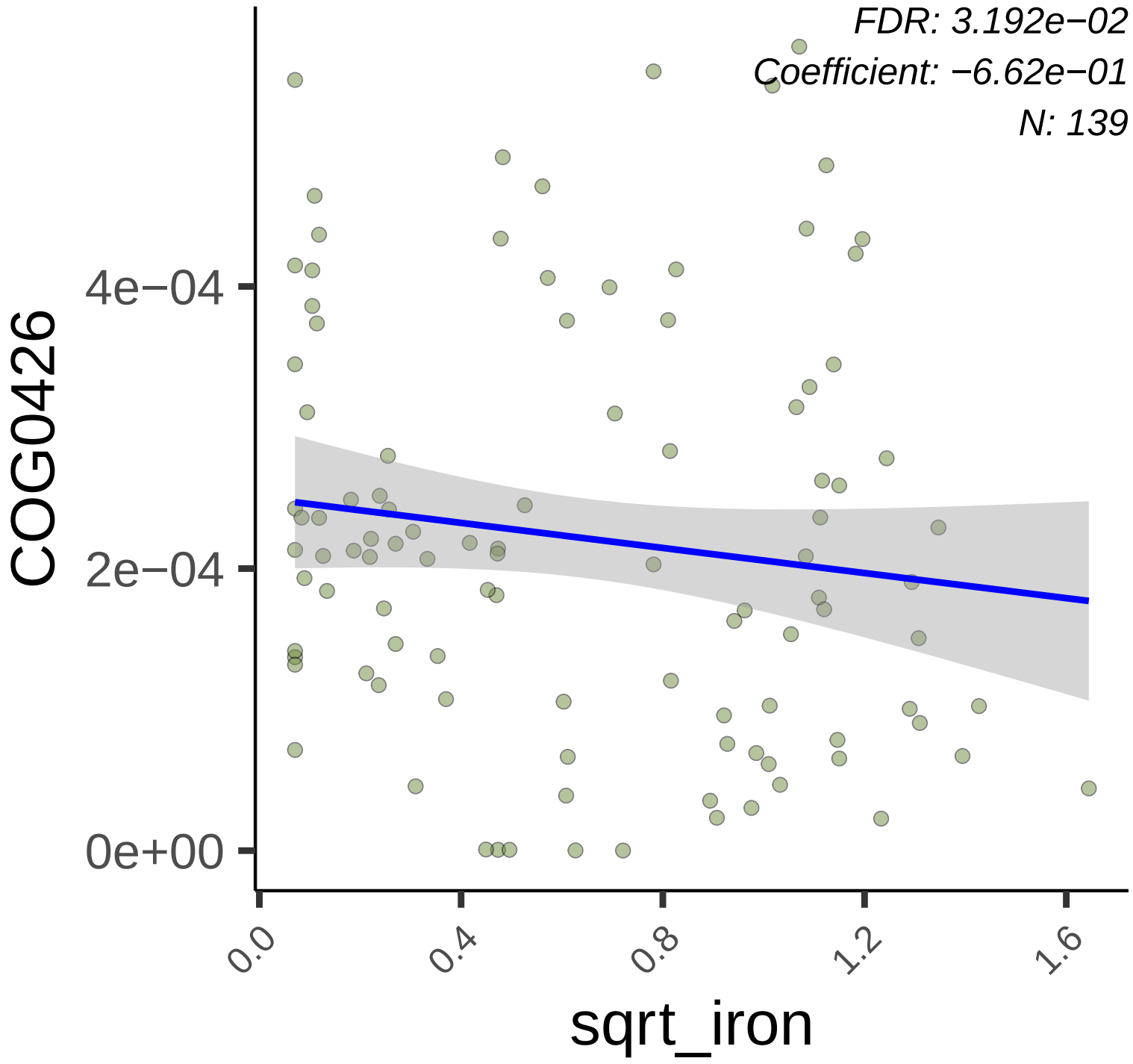
1.2
1.6
sqrt_iron


FDR: 3.192e−02
Coefficient: −6.62e−01
N: 139
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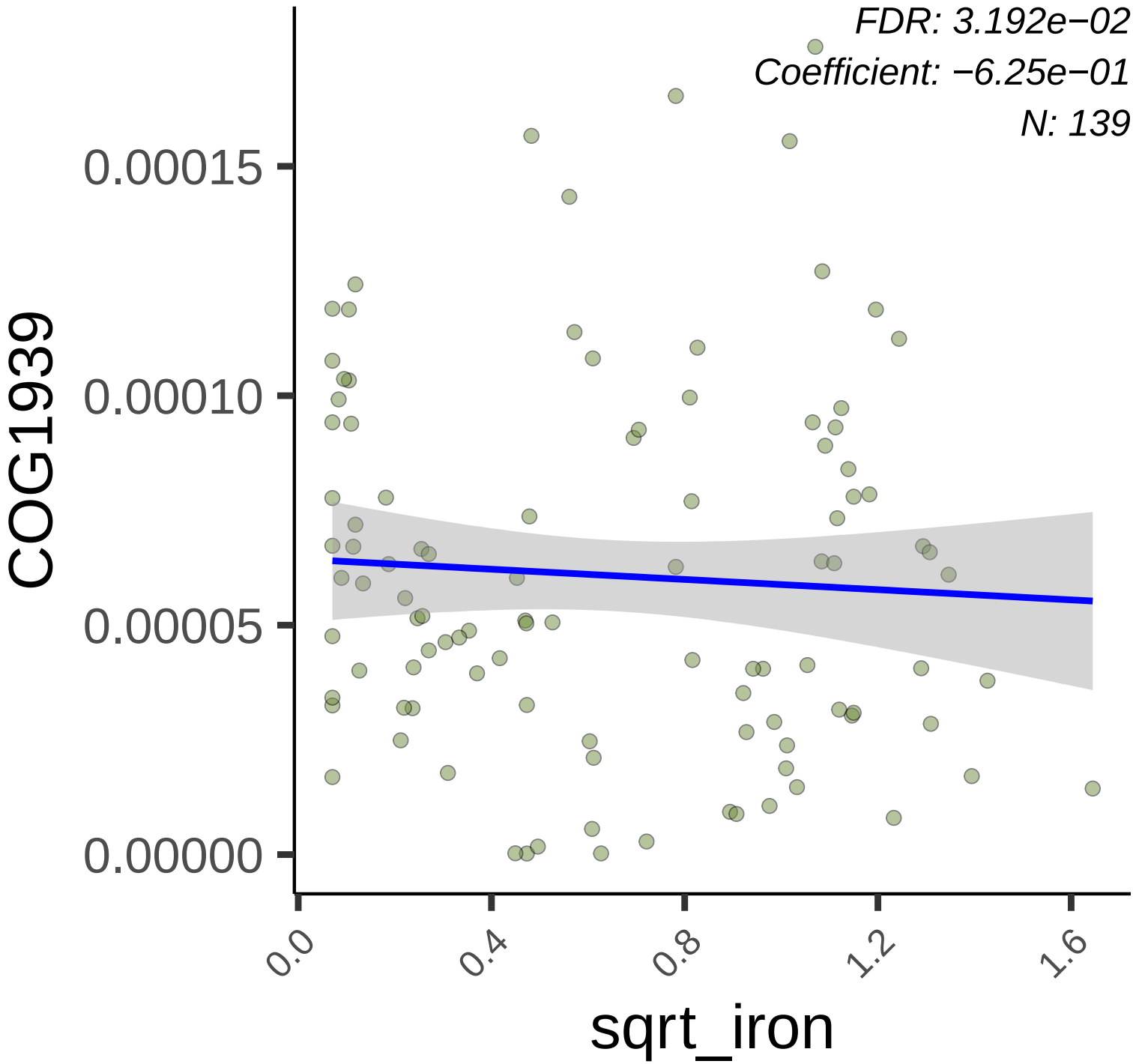
0.8
1.2
1.6
sqrt_iron


FDR: 3.192e−02
Coefficient: −6.25e−01
N: 139
COG1939
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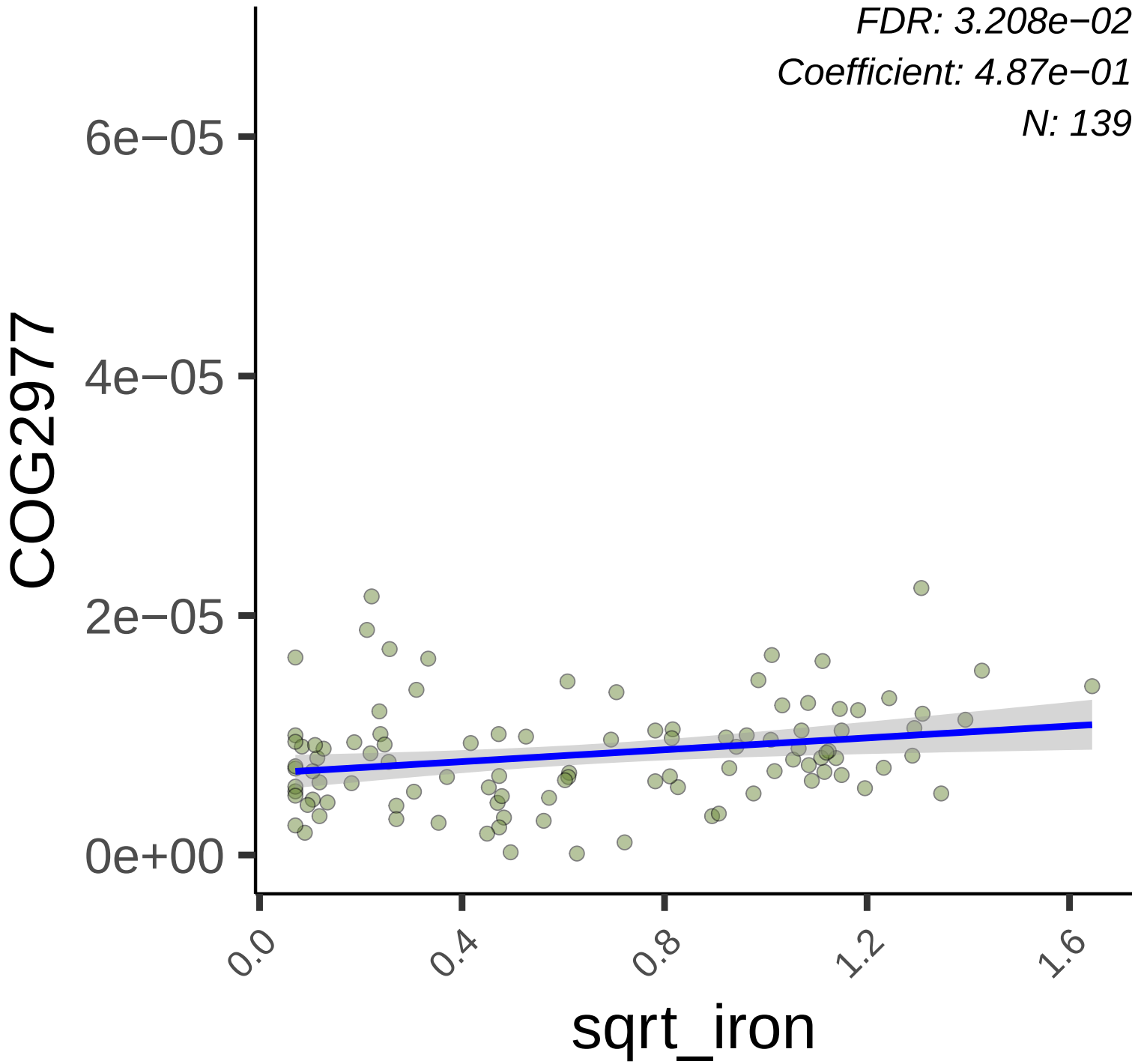
1.6
sqrt_iron


FDR: 3.208e−02
Coefficient: 4.87e−01
N: 139
COG2977
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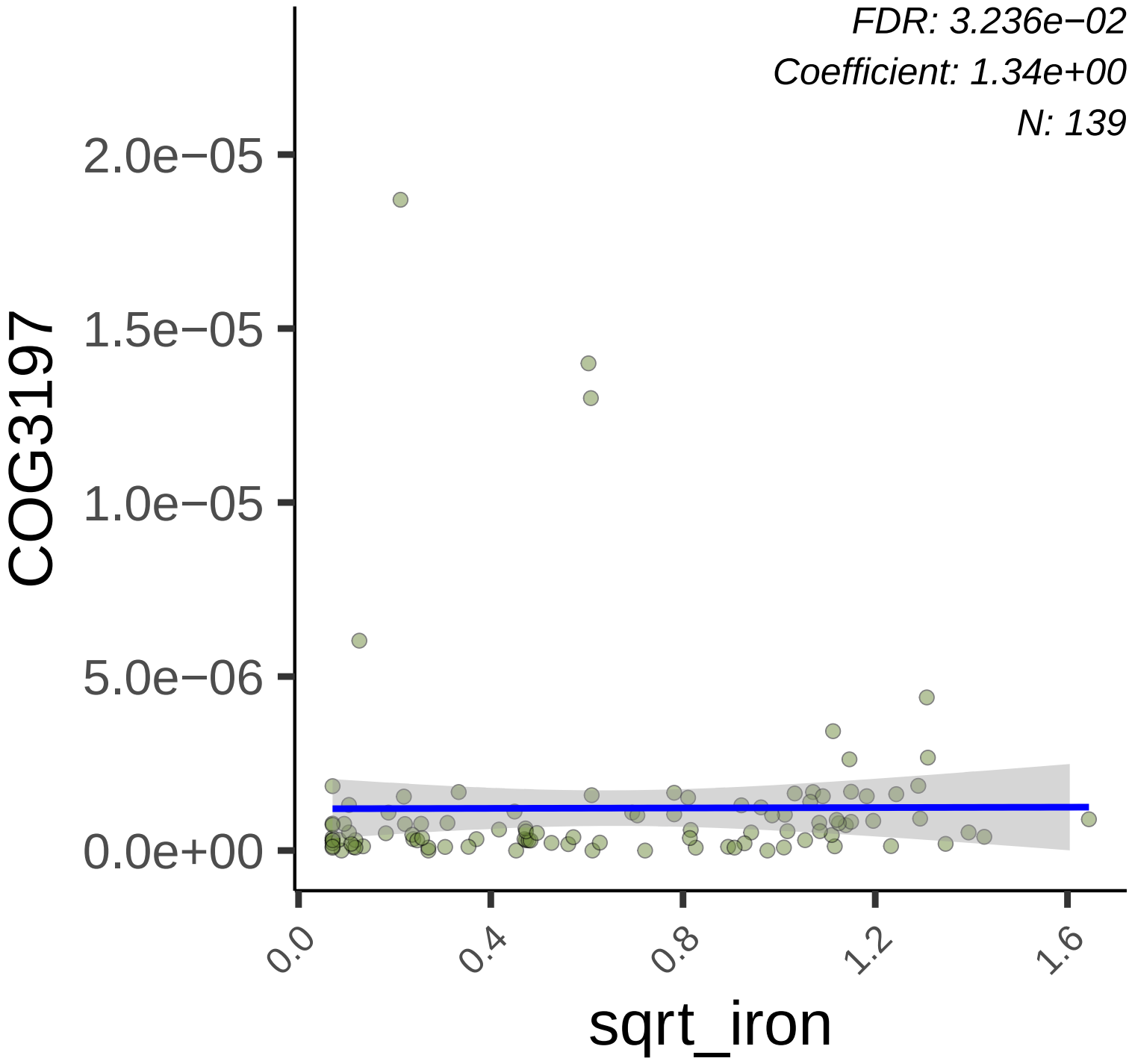
0.4
0.8
1.2
1.6
sqrt_iron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Coefficient: 1.34e+00
N: 139
COG3197
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5.0e−06
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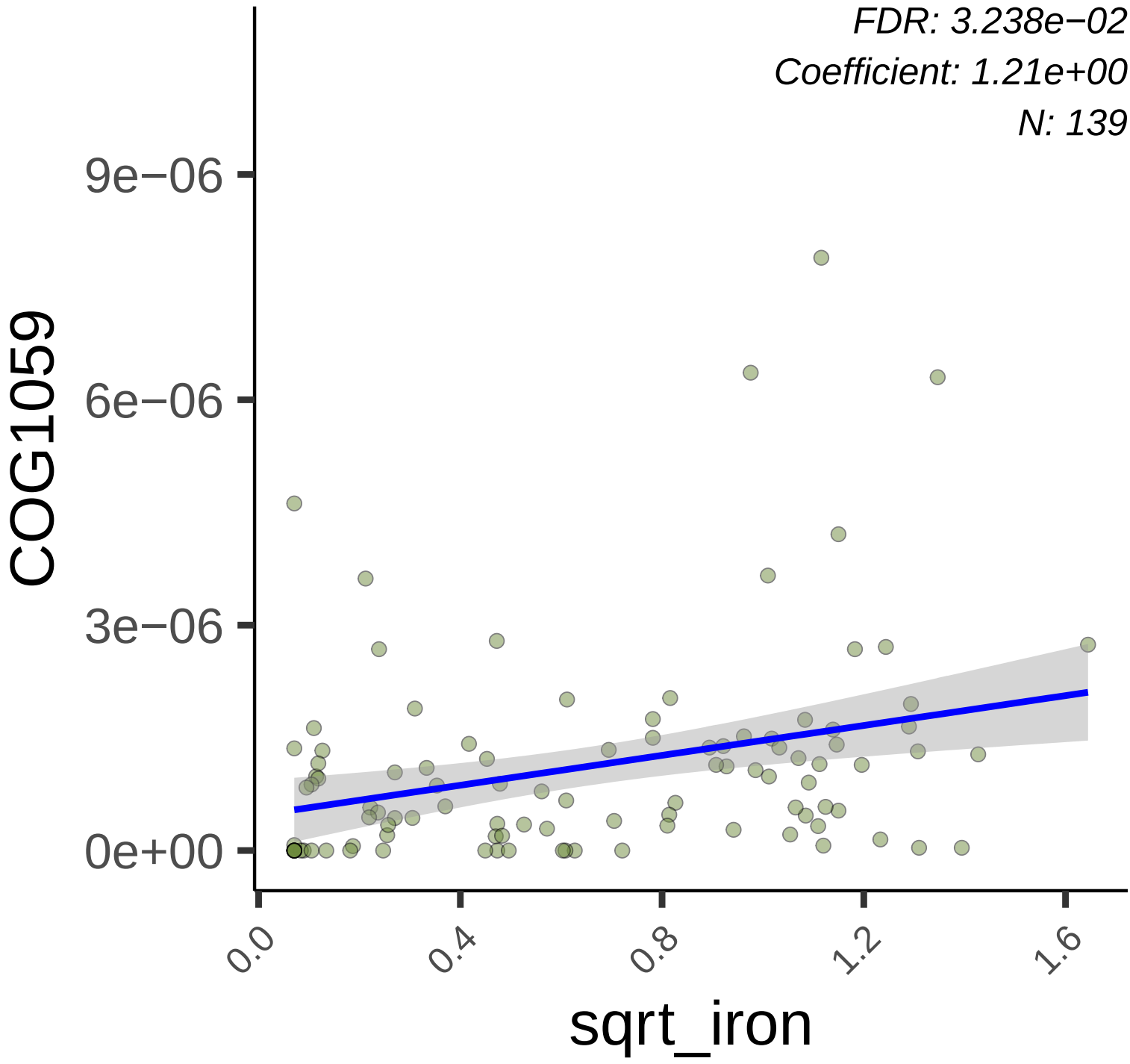
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.238e−02
Coefficient: 1.21e+00
N: 139
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0.4
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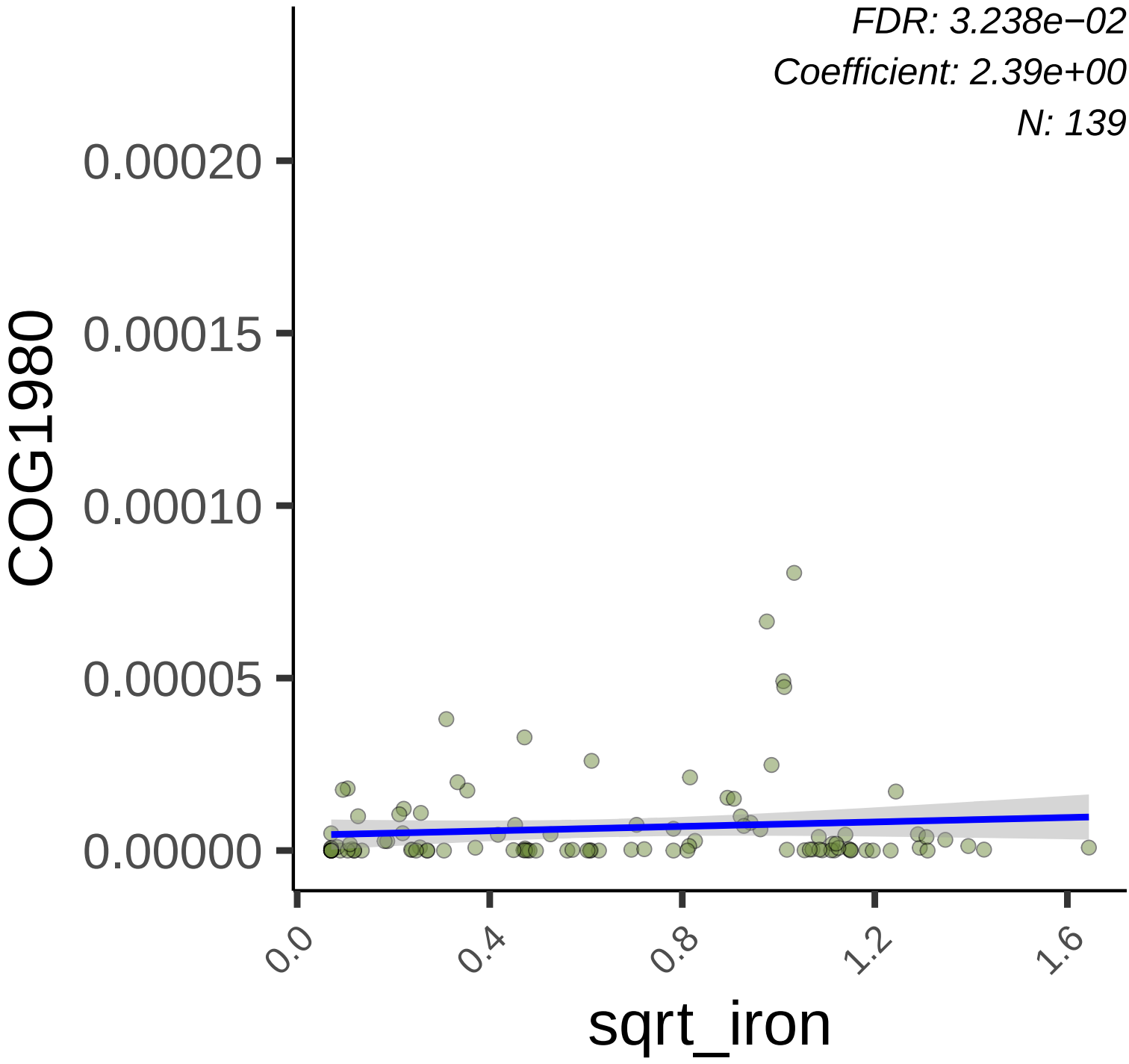
1.2
1.6
sqrt_iron


FDR: 3.238e−02
Coefficient: 2.39e+00
N: 139
COG1980
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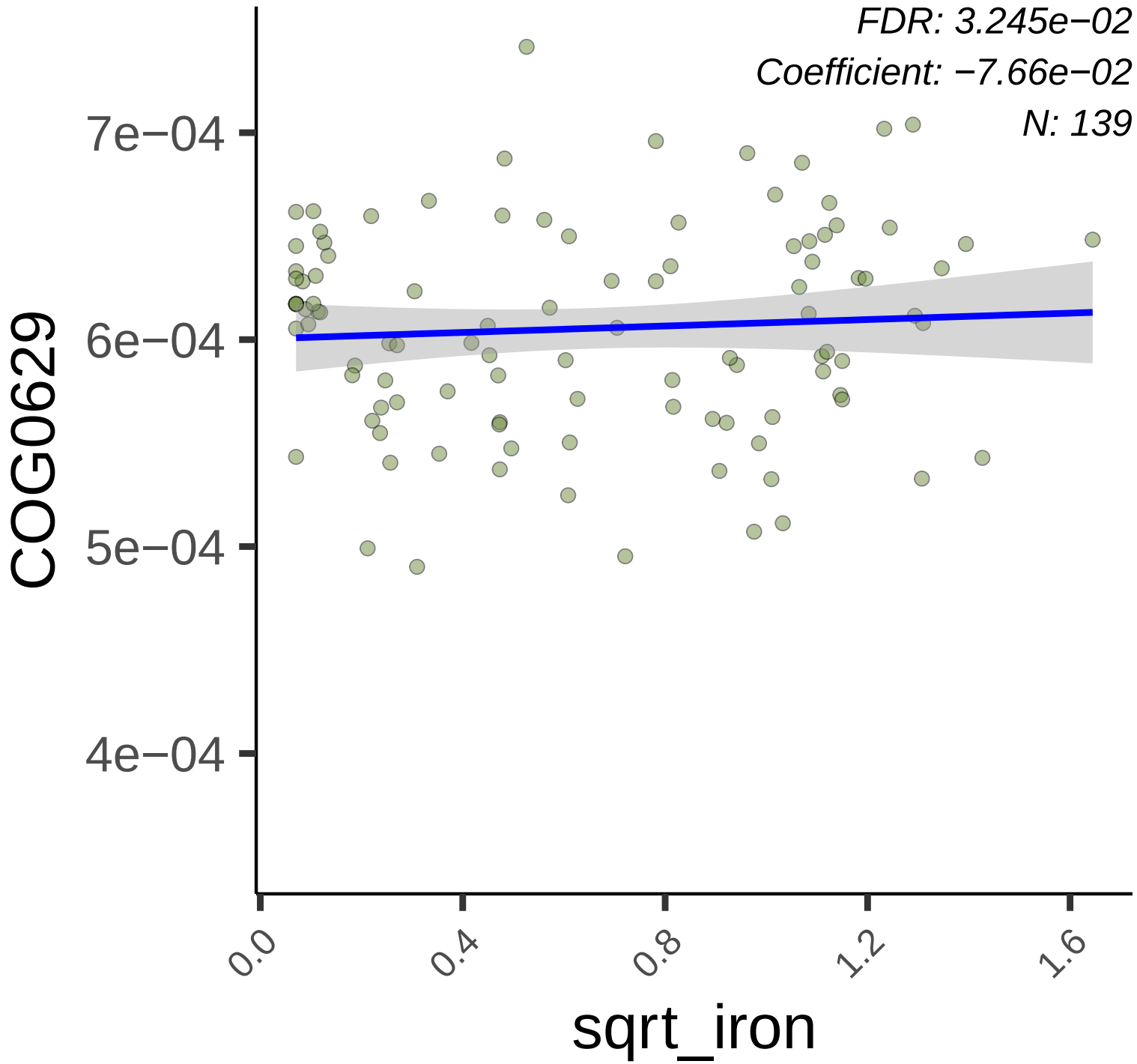
1.2
1.6
sqrt_iron


FDR: 3.245e−02
Coefficient: −7.66e−02
N: 139
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COG0629
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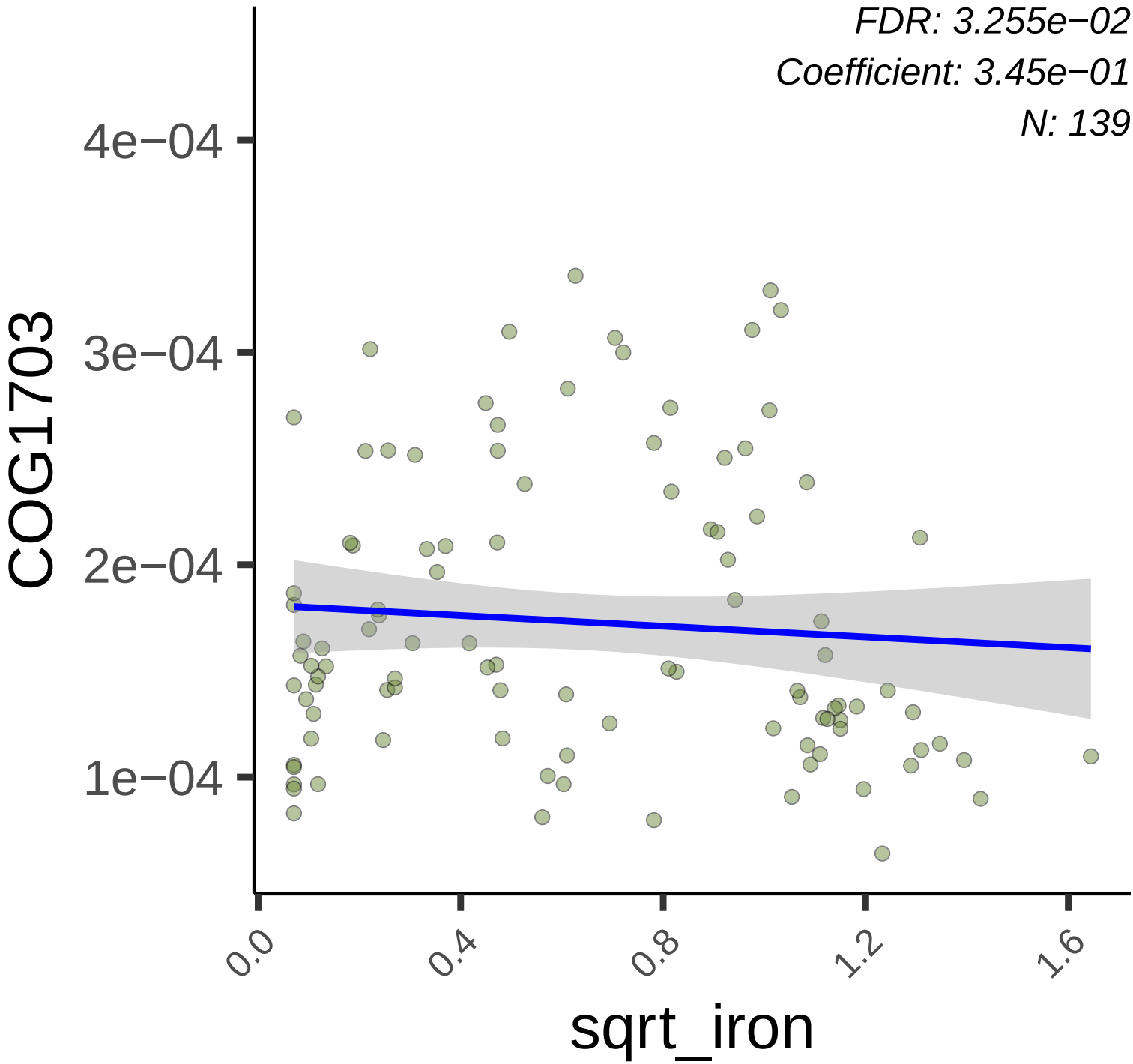
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.255e−02
Coefficient: 3.45e−01
N: 139
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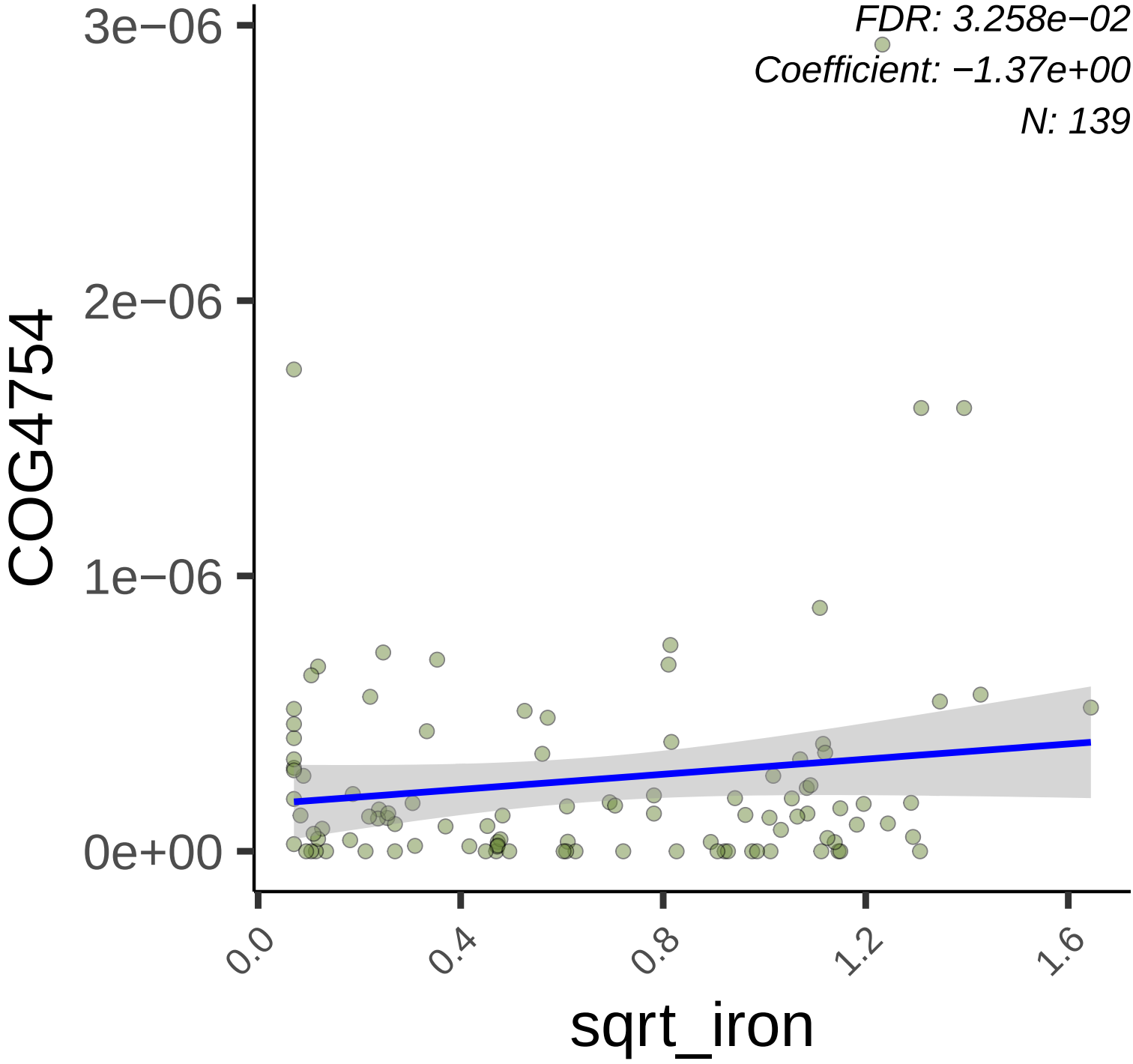
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.258e−02
Coefficient: −1.37e+00
N: 139
COG4754
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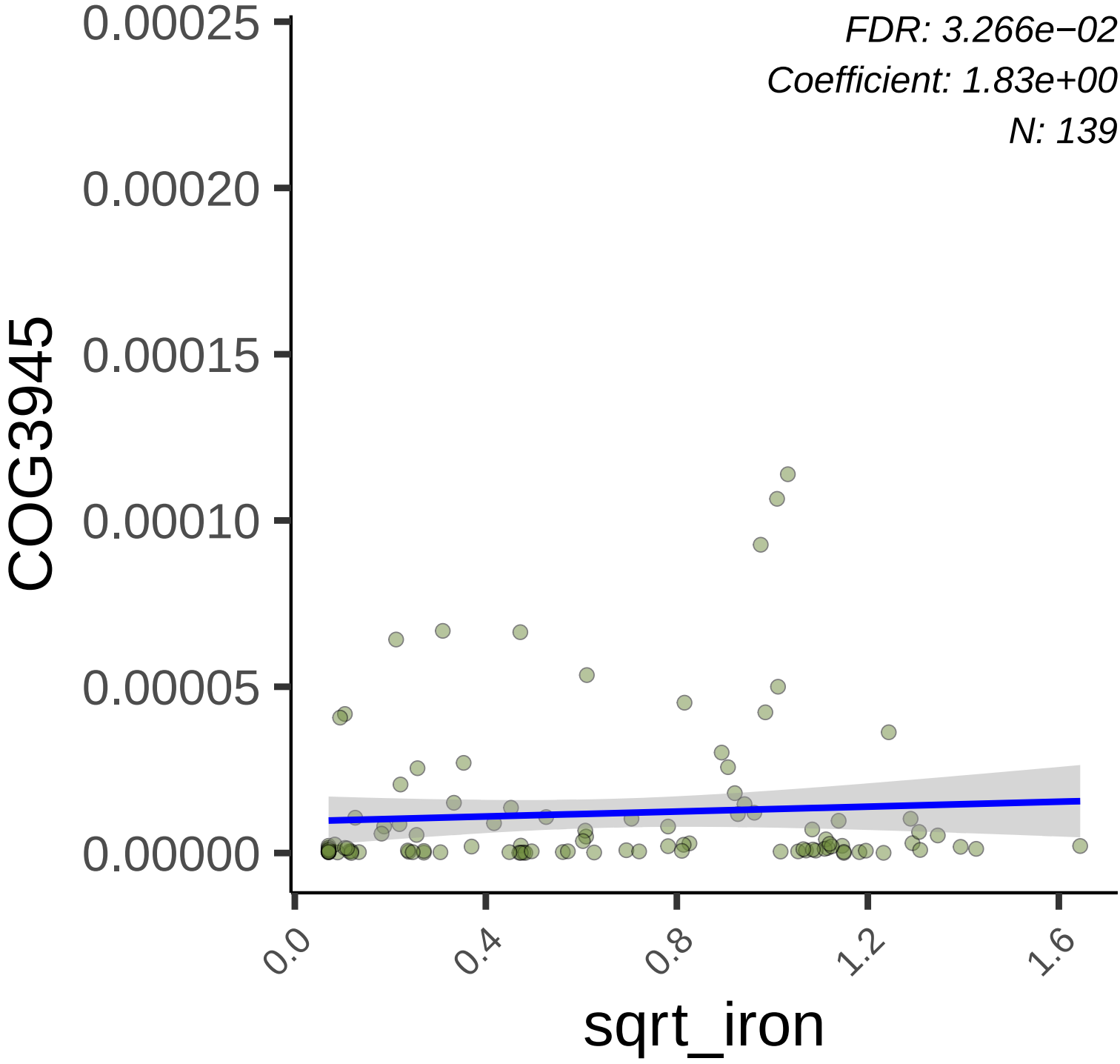
1e−06
0e+00
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.266e−02
Coefficient: 1.83e+00
N: 139
COG3945
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0.4
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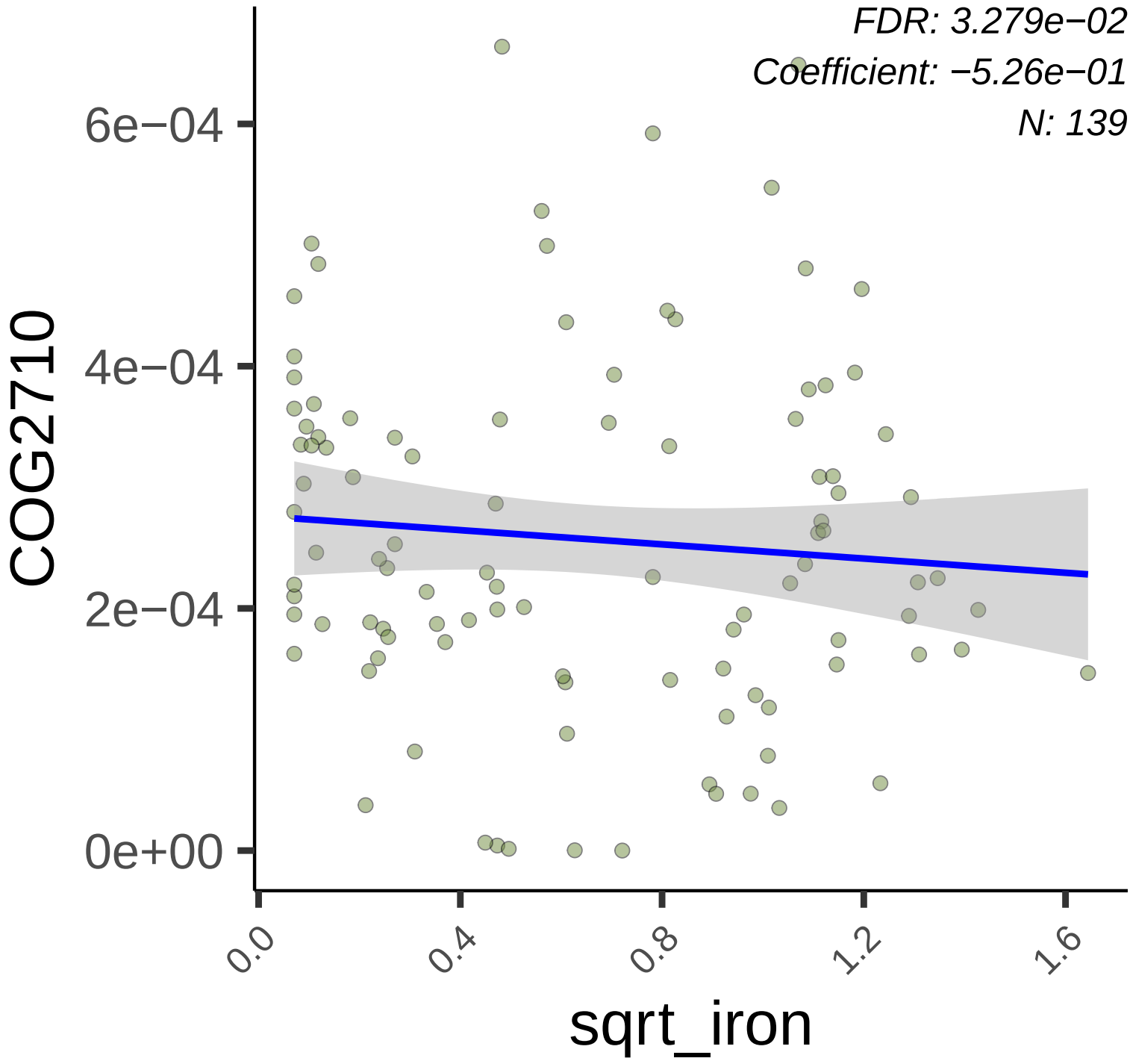
sqrt_iron


FDR: 3.279e−02
Coefficient: −5.26e−01
N: 139
COG2710
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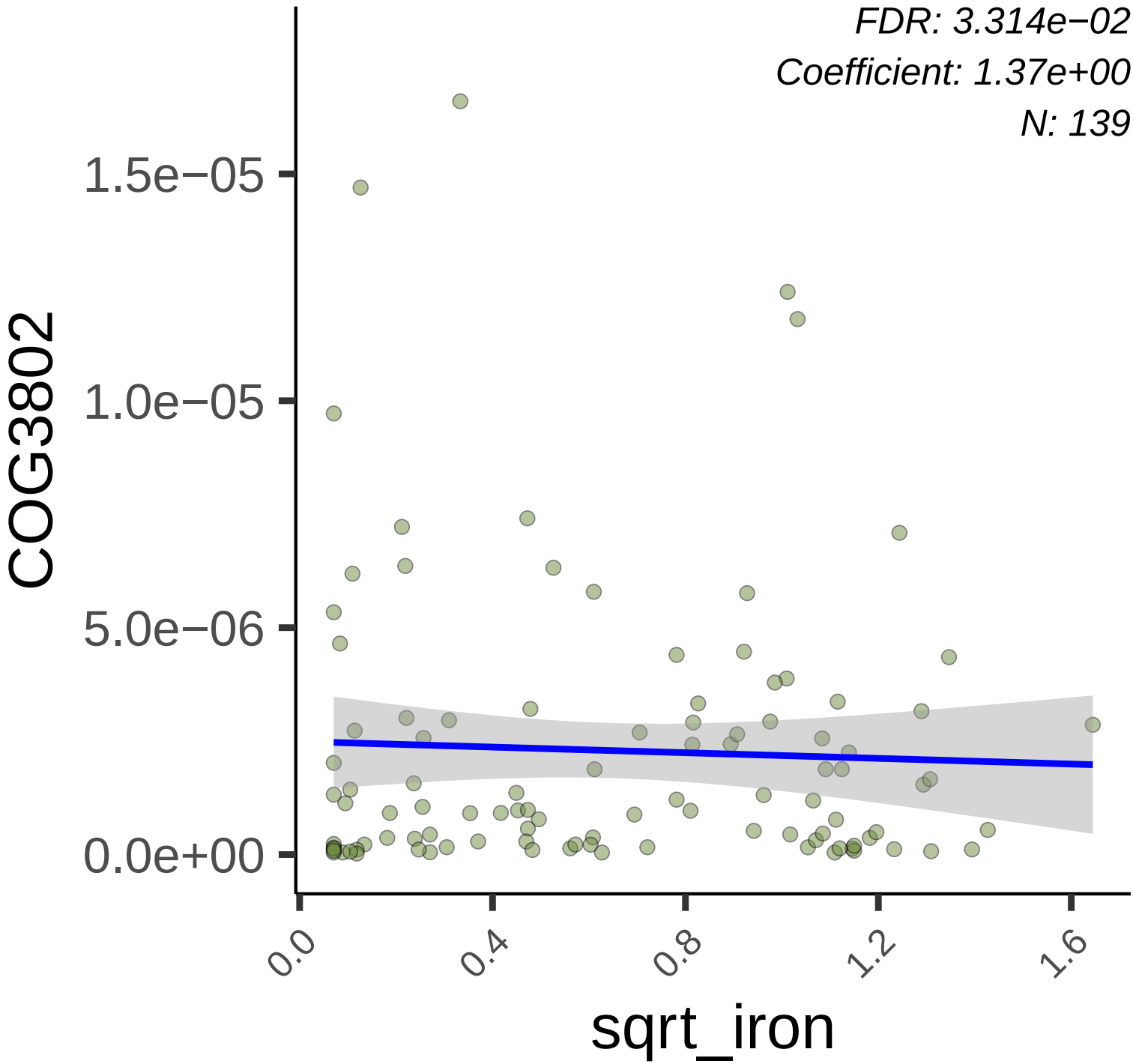
1.6
sqrt_iron


FDR: 3.314e−02
Coefficient: 1.37e+00
N: 139
COG3802
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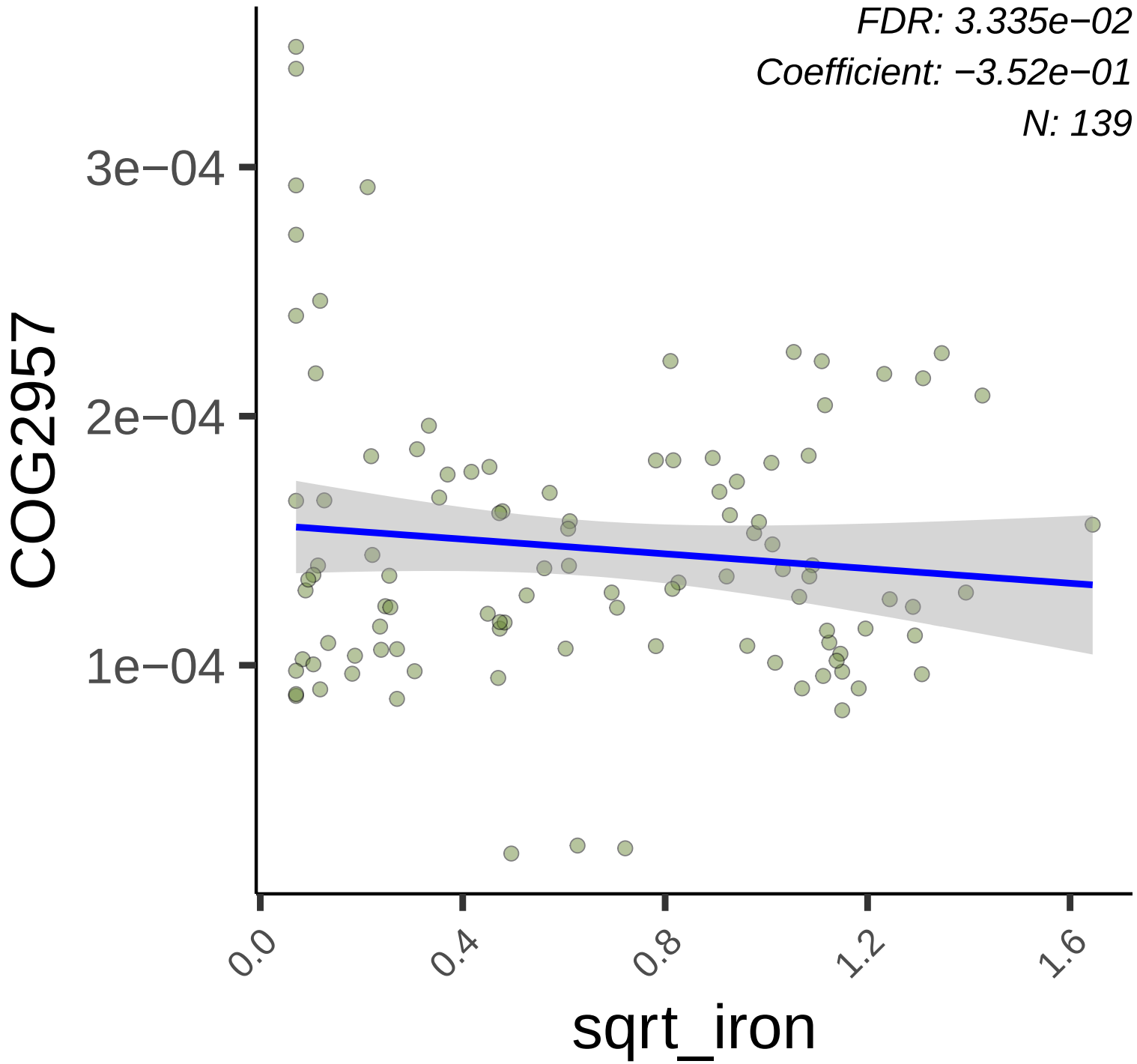
sqrt_iron


FDR: 3.335e−02
Coefficient: −3.52e−01
N: 139
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COG2957
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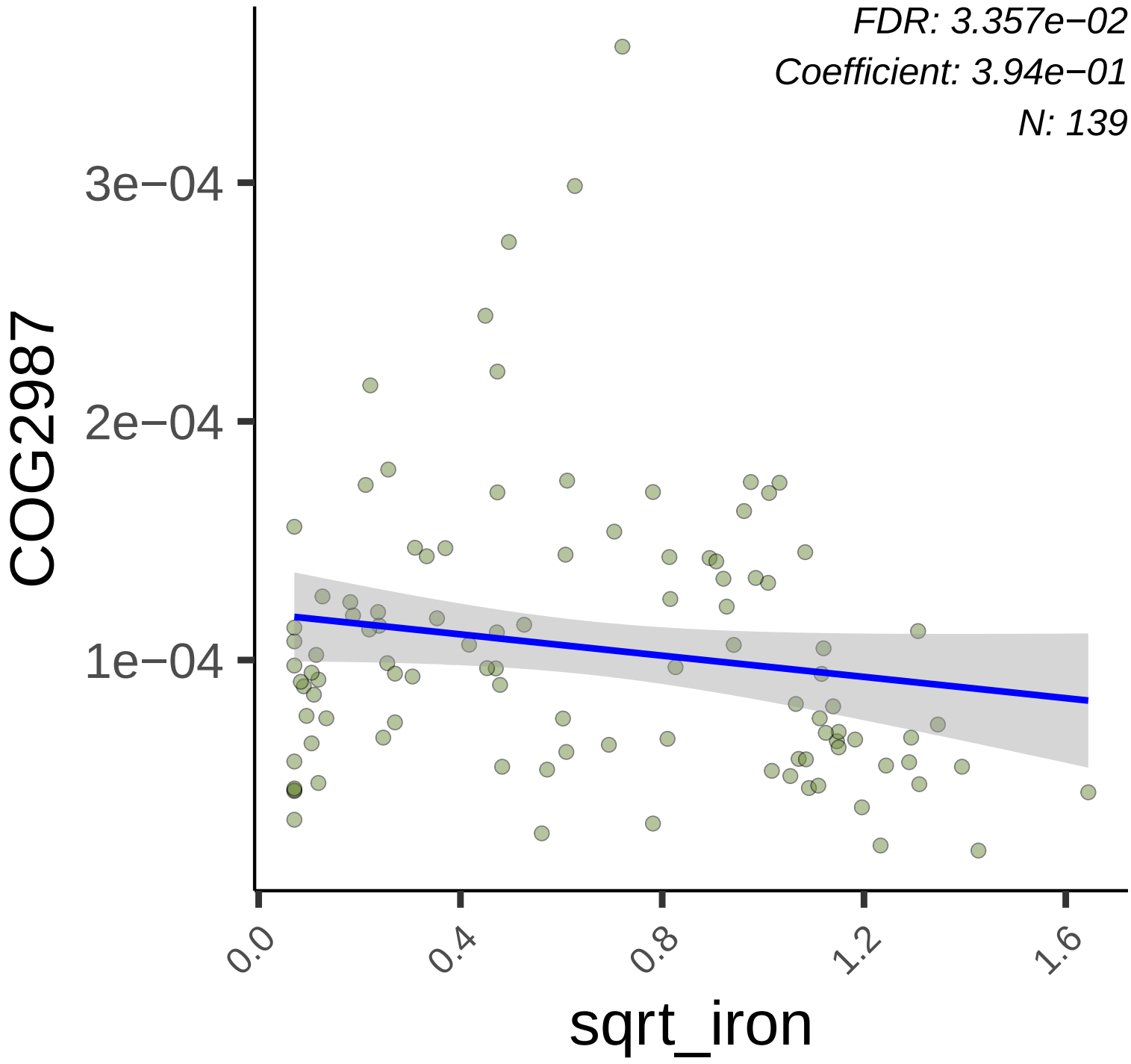
sqrt_iron


FDR: 3.357e−02
Coefficient: 3.94e−01
N: 139
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COG2987
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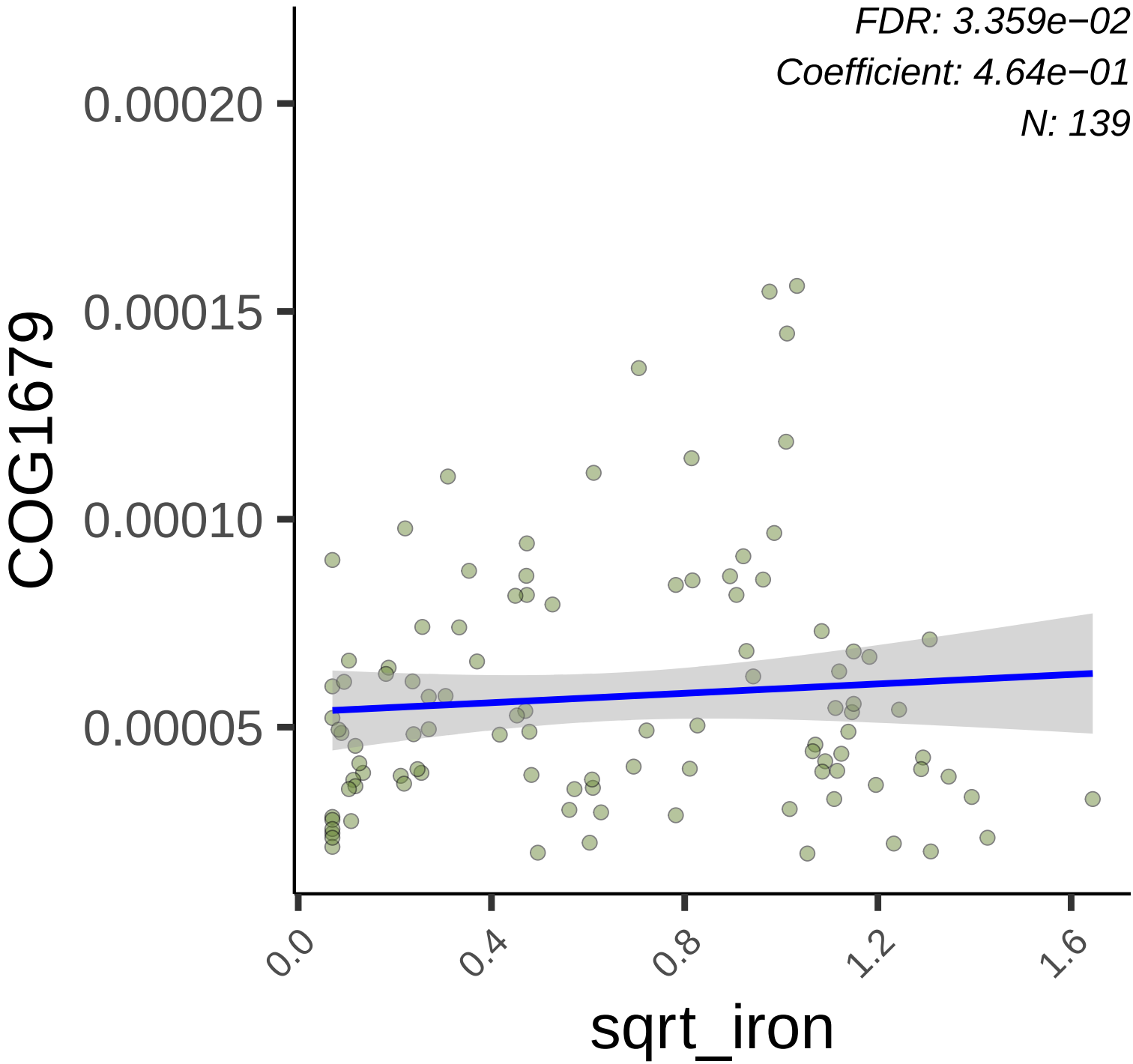
sqrt_iron


FDR: 3.359e−02
Coefficient: 4.64e−01
N: 139
COG1679
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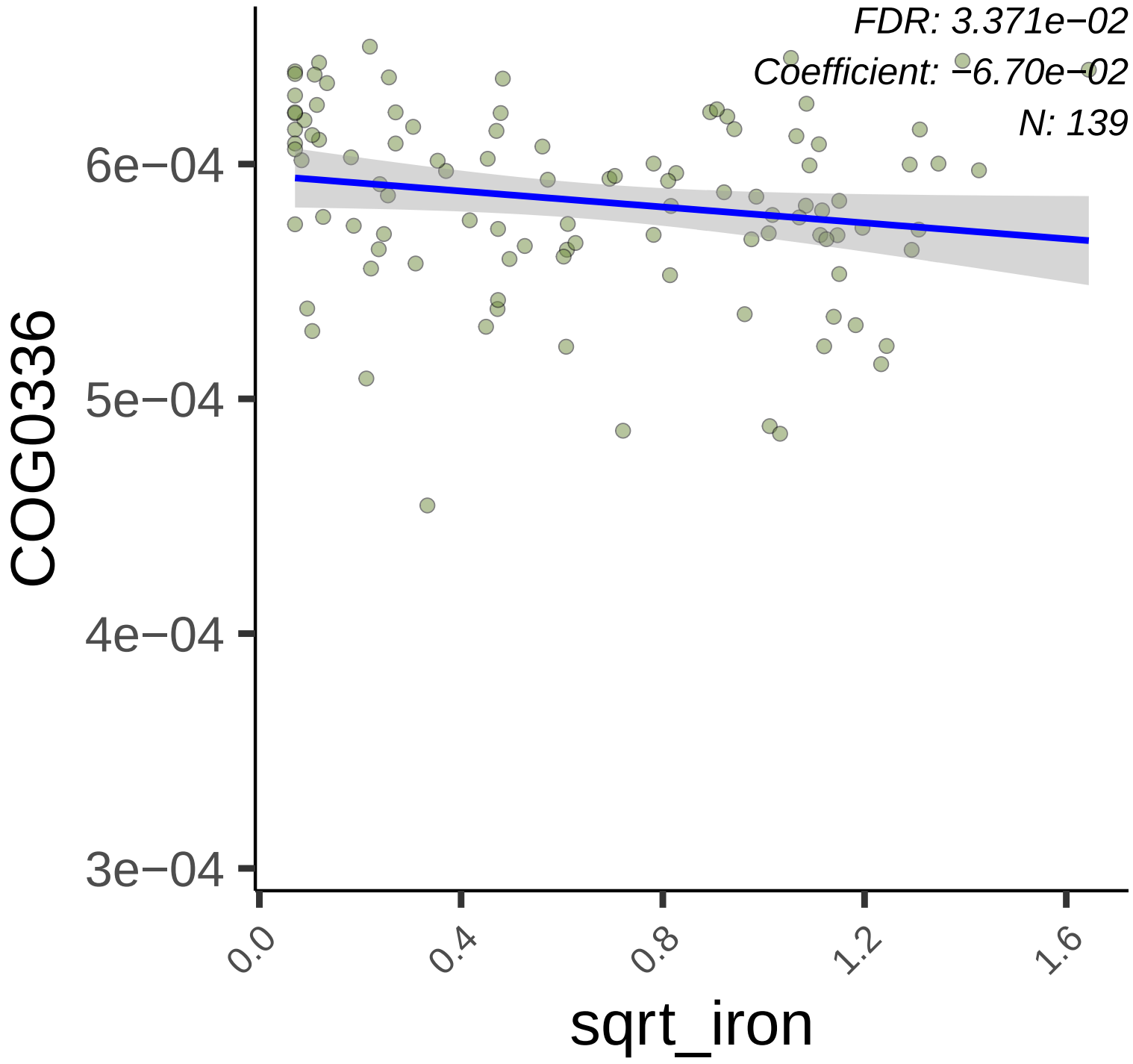
sqrt_iron


FDR: 3.371e−02
Coefficient: −6.70e−02
N: 139
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COG0336
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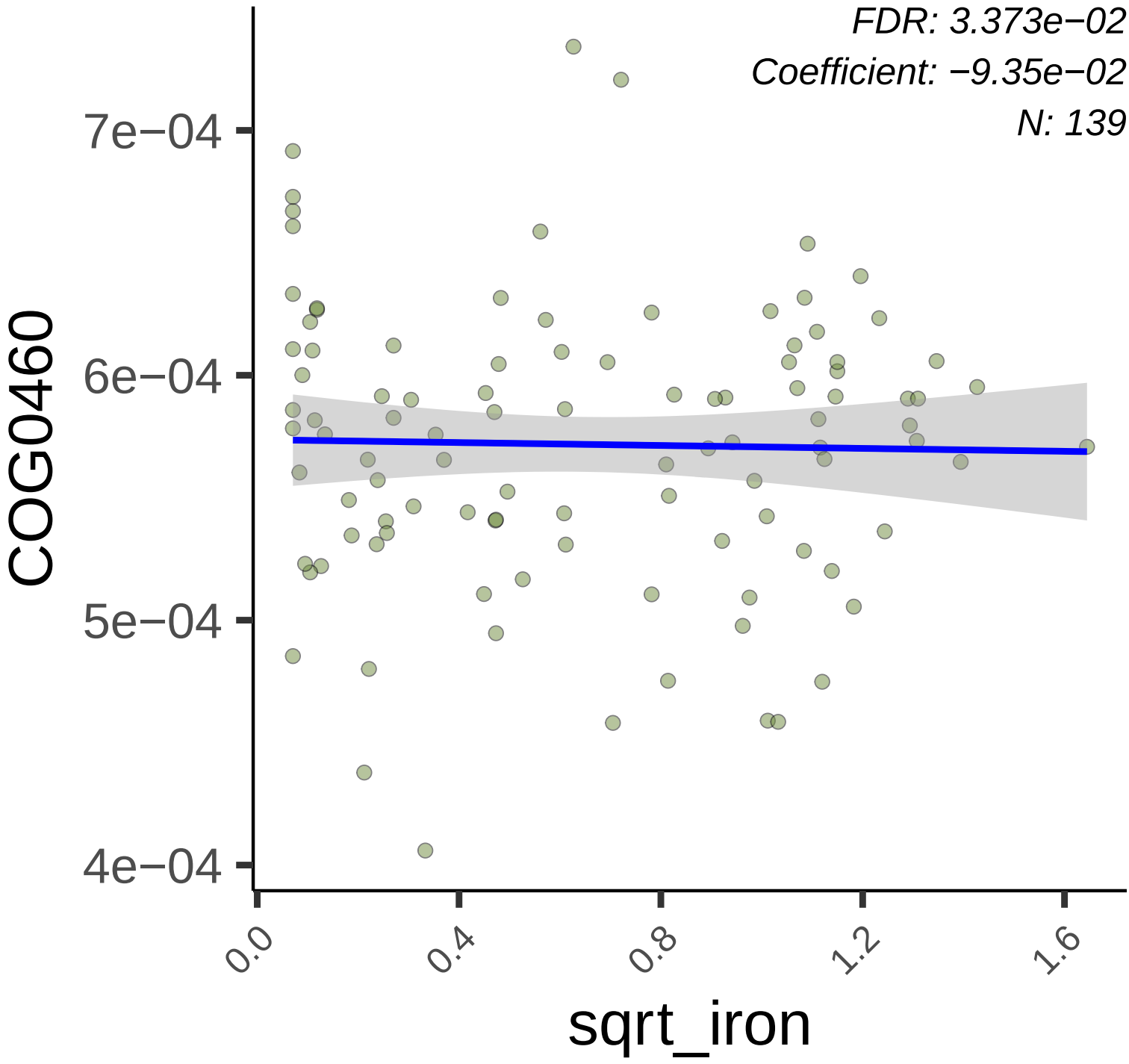
1.6
sqrt_iron


FDR: 3.373e−02
Coefficient: −9.35e−02
N: 139
7e−04
6e−04
5e−04
4e−04
COG0460
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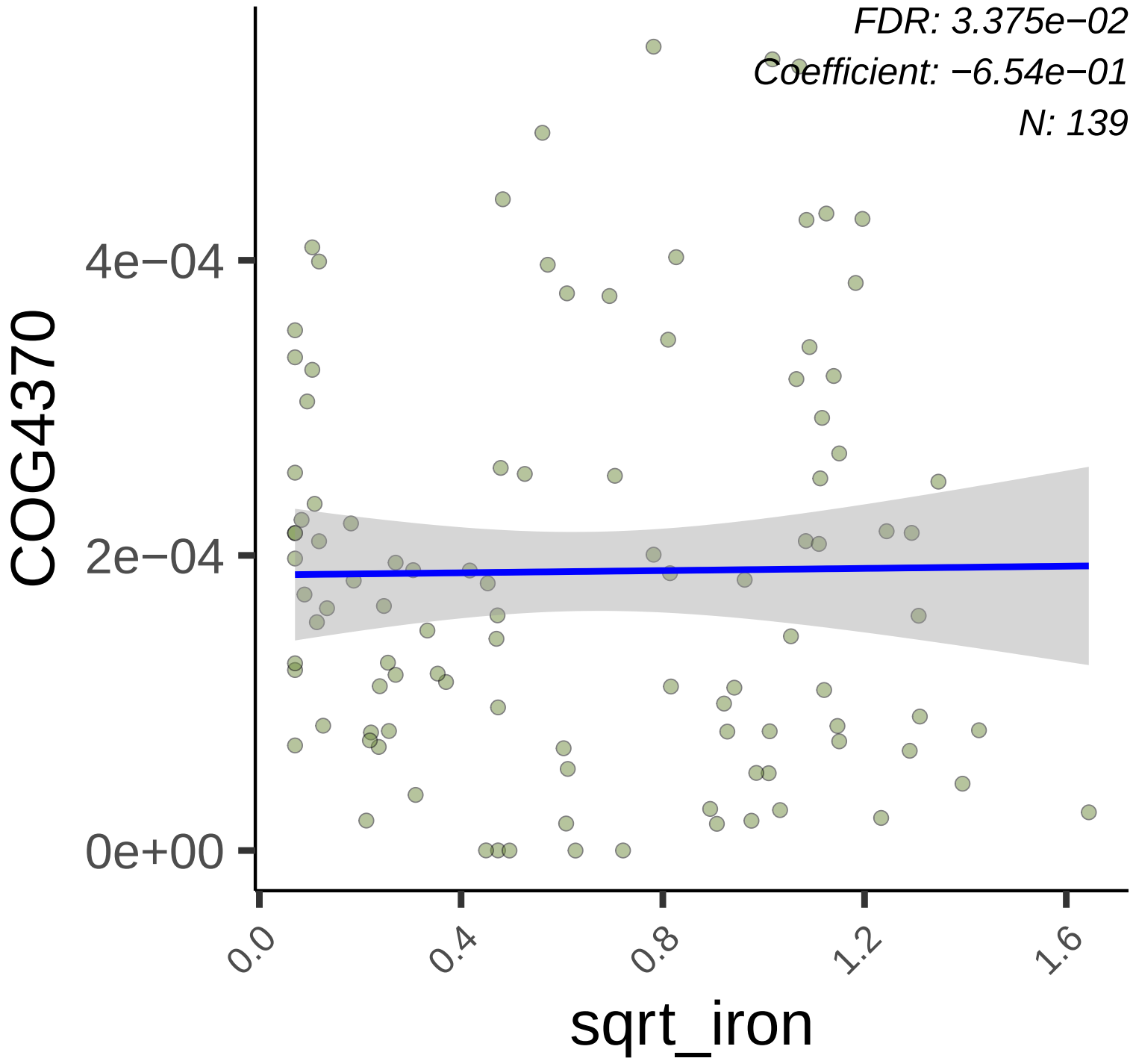
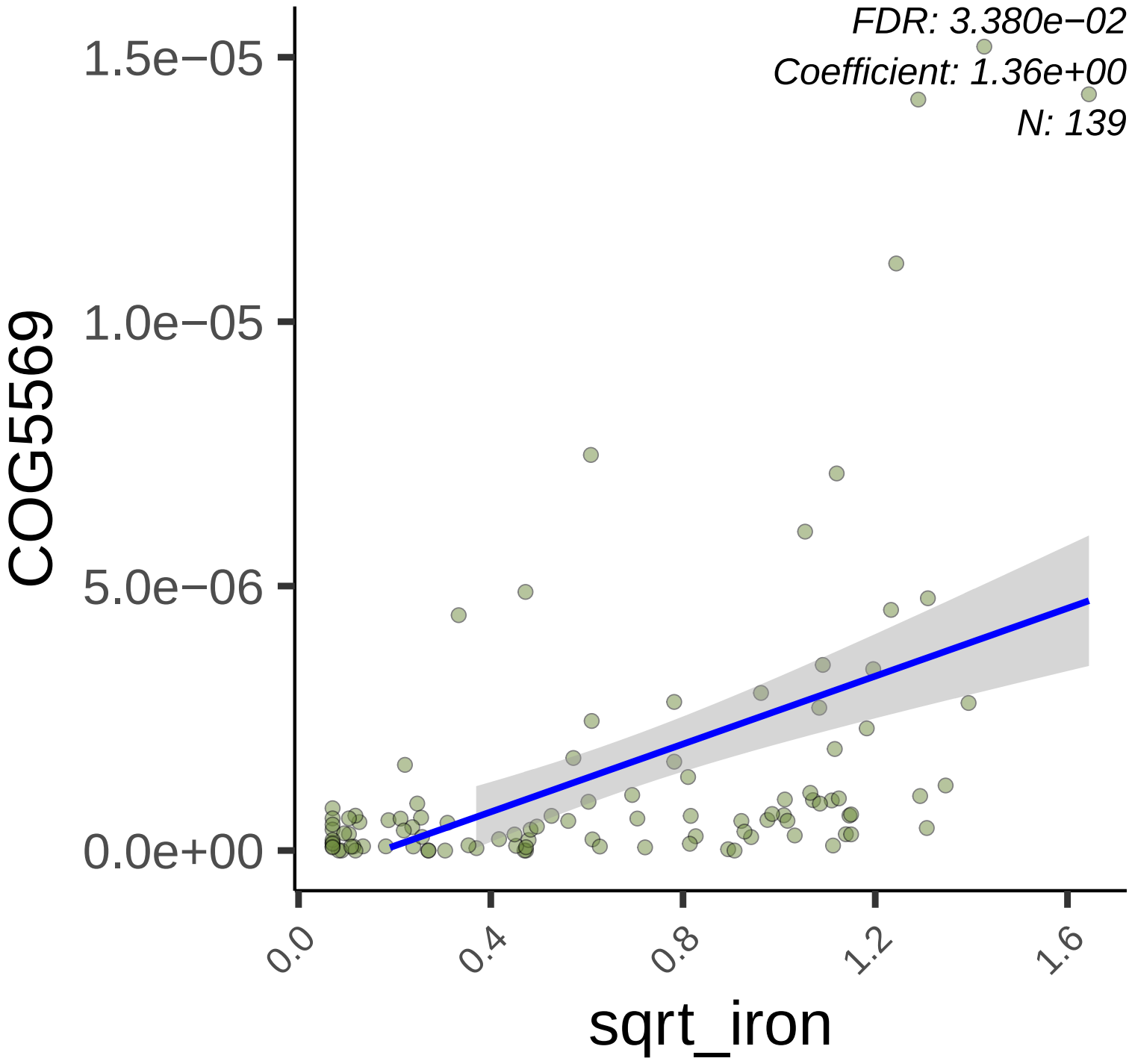
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.375e−02
Coefficient: −6.54e−01
N: 139
COG4370
4e−04
2e−04
0e+00
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.380e−02
Coefficient: 1.36e+00
N: 139
COG5569
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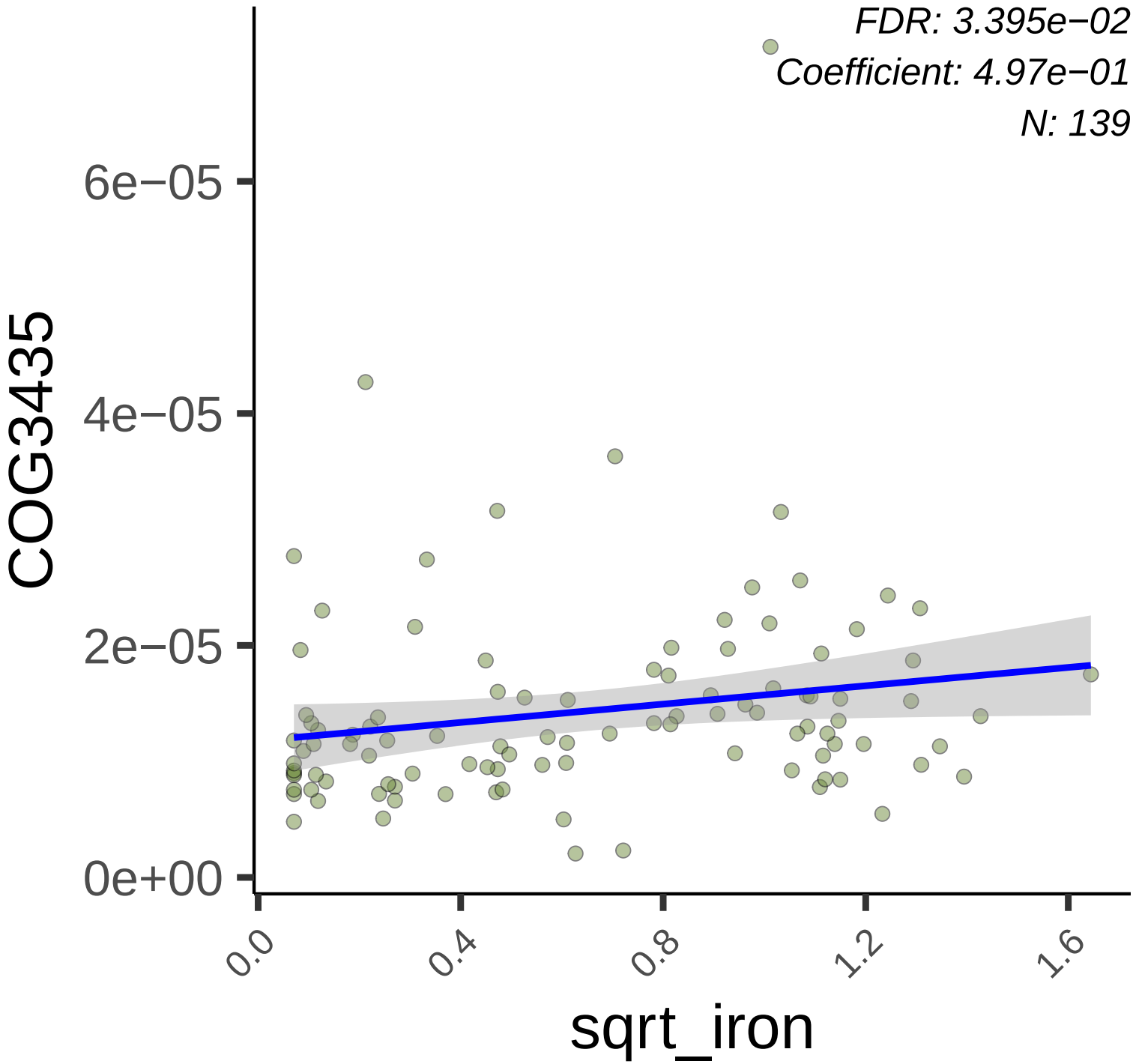
5.0e−06
0.0e+00
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.395e−02
Coefficient: 4.97e−01
N: 139
COG3435
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4e−05
2e−05
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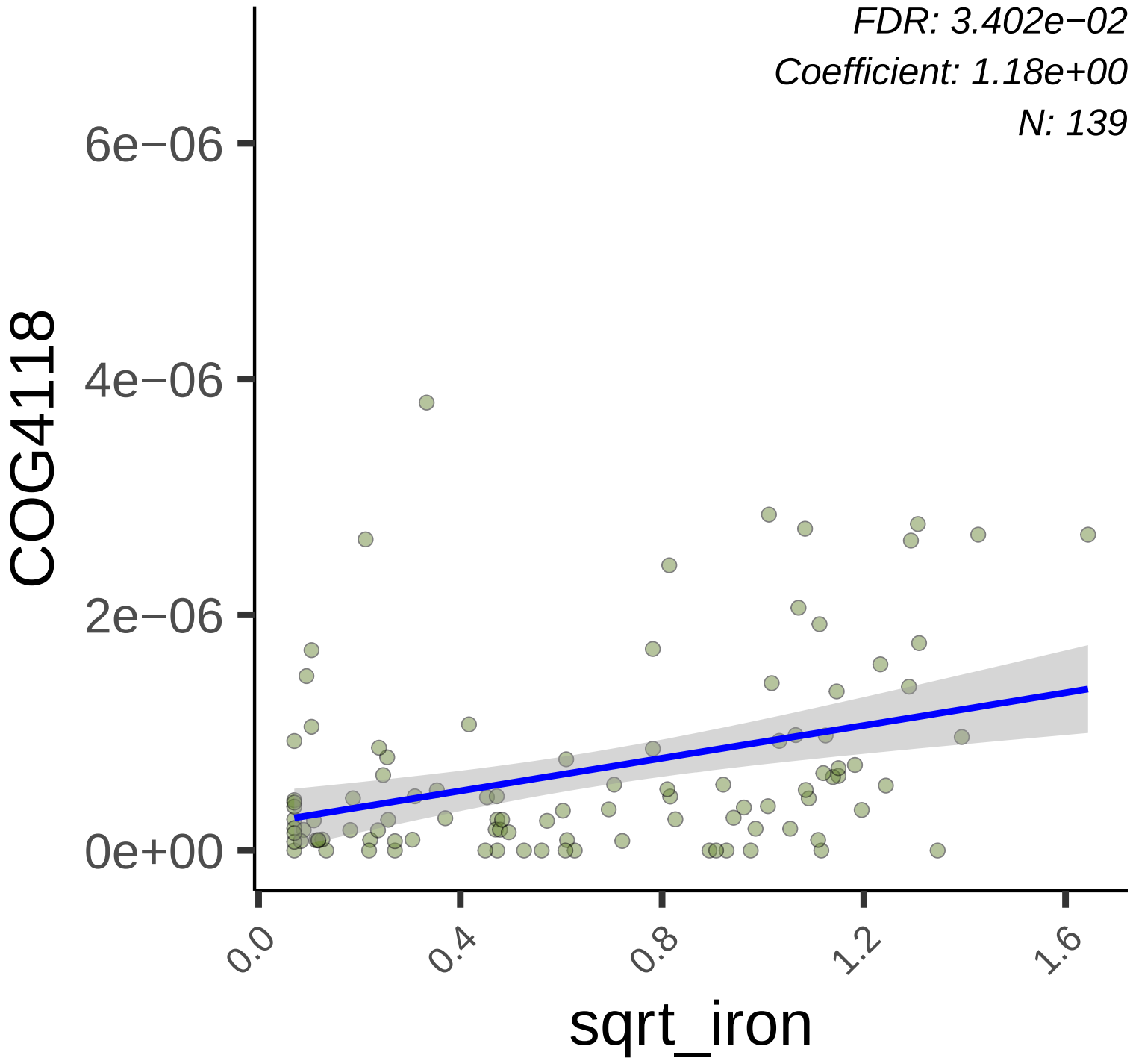
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.402e−02
Coefficient: 1.18e+00
N: 139
COG4118
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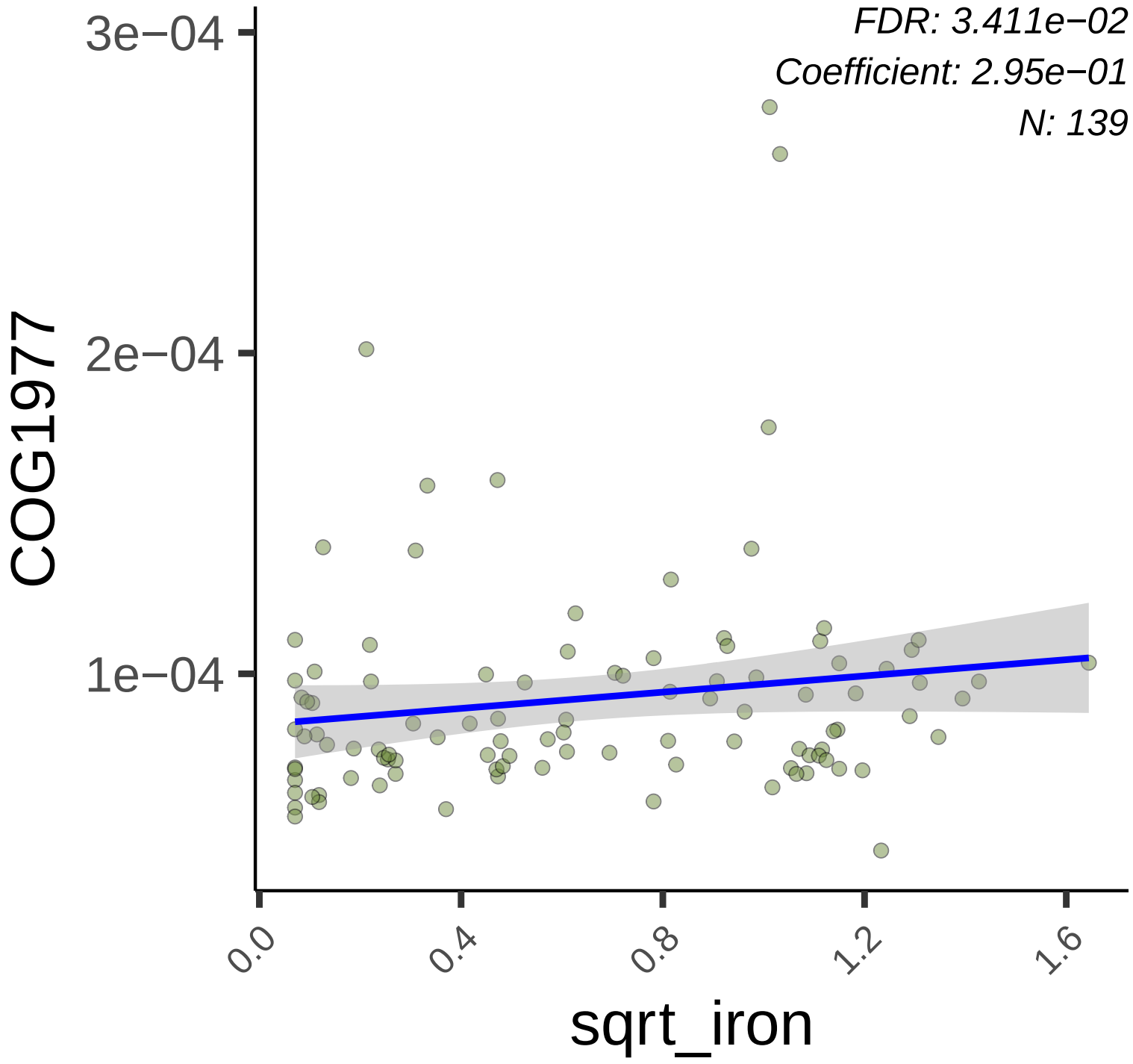
4e−06
2e−06
0e+00
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.411e−02
Coefficient: 2.95e−01
N: 139
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2e−04
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COG1977
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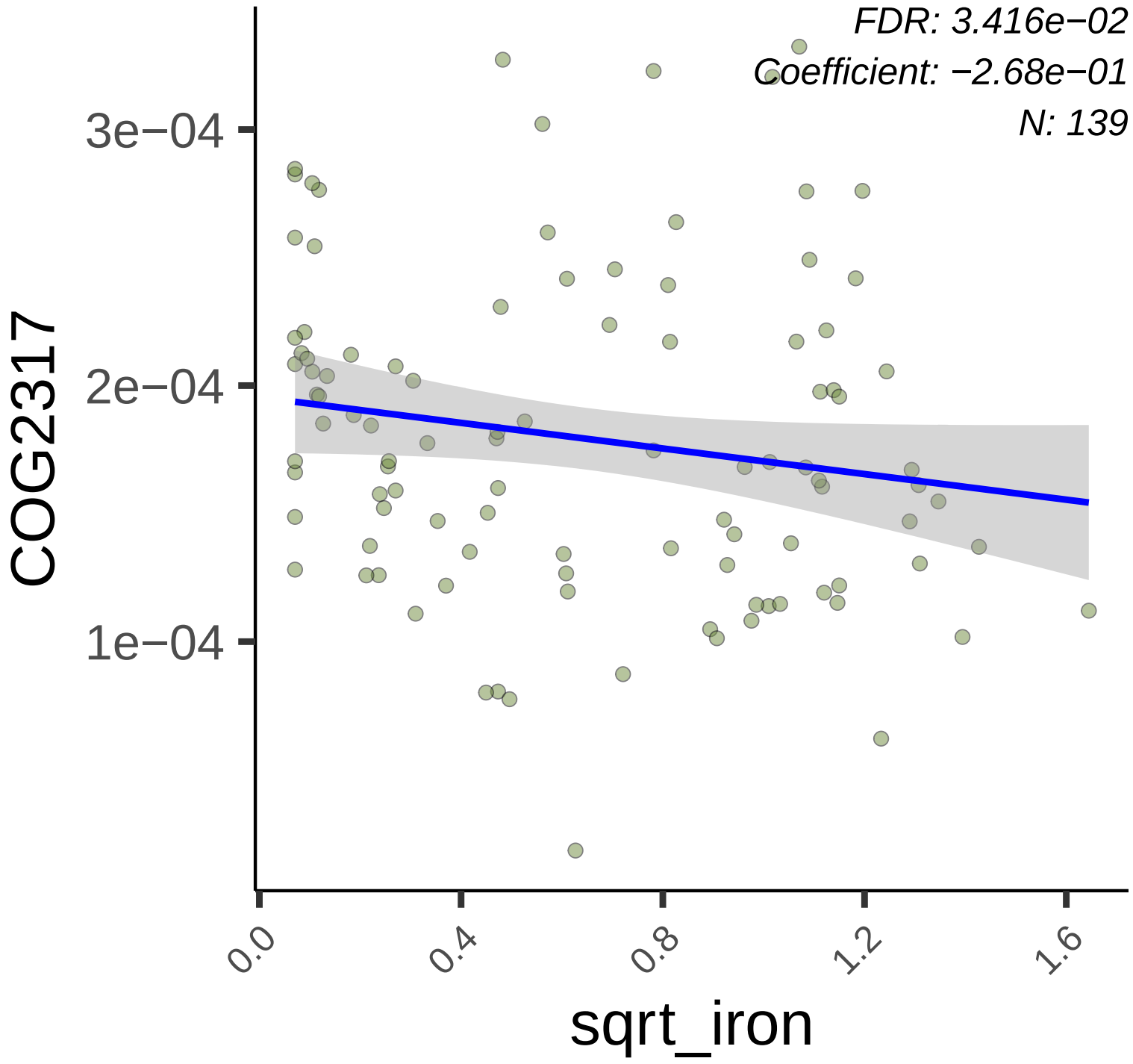
0.8
1.2
1.6
sqrt_iron


FDR: 3.416e−02
Coefficient: −2.68e−01
N: 139
3e−04
2e−04
1e−04
COG2317
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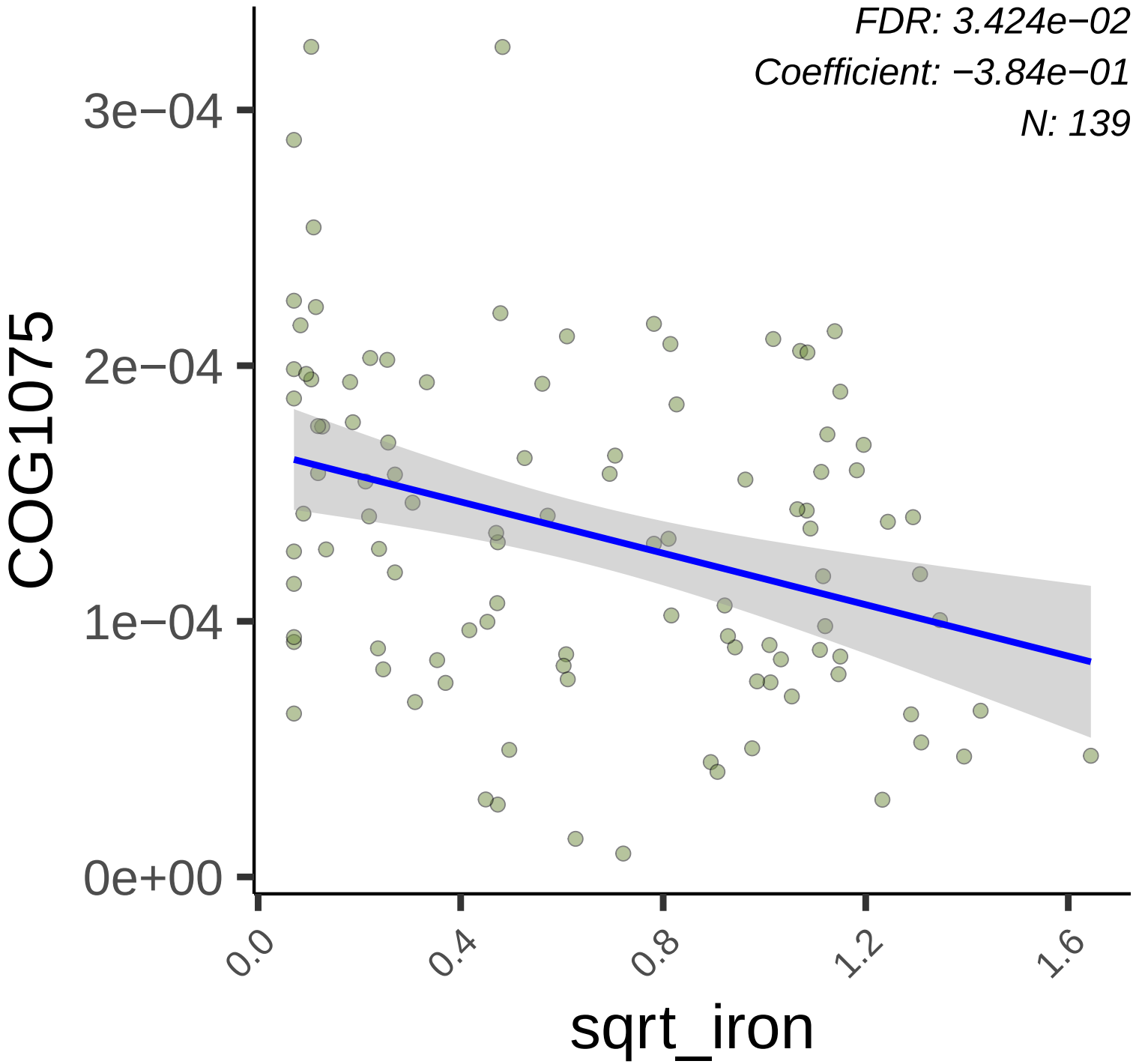
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.424e−02
Coefficient: −3.84e−01
N: 139
COG1075
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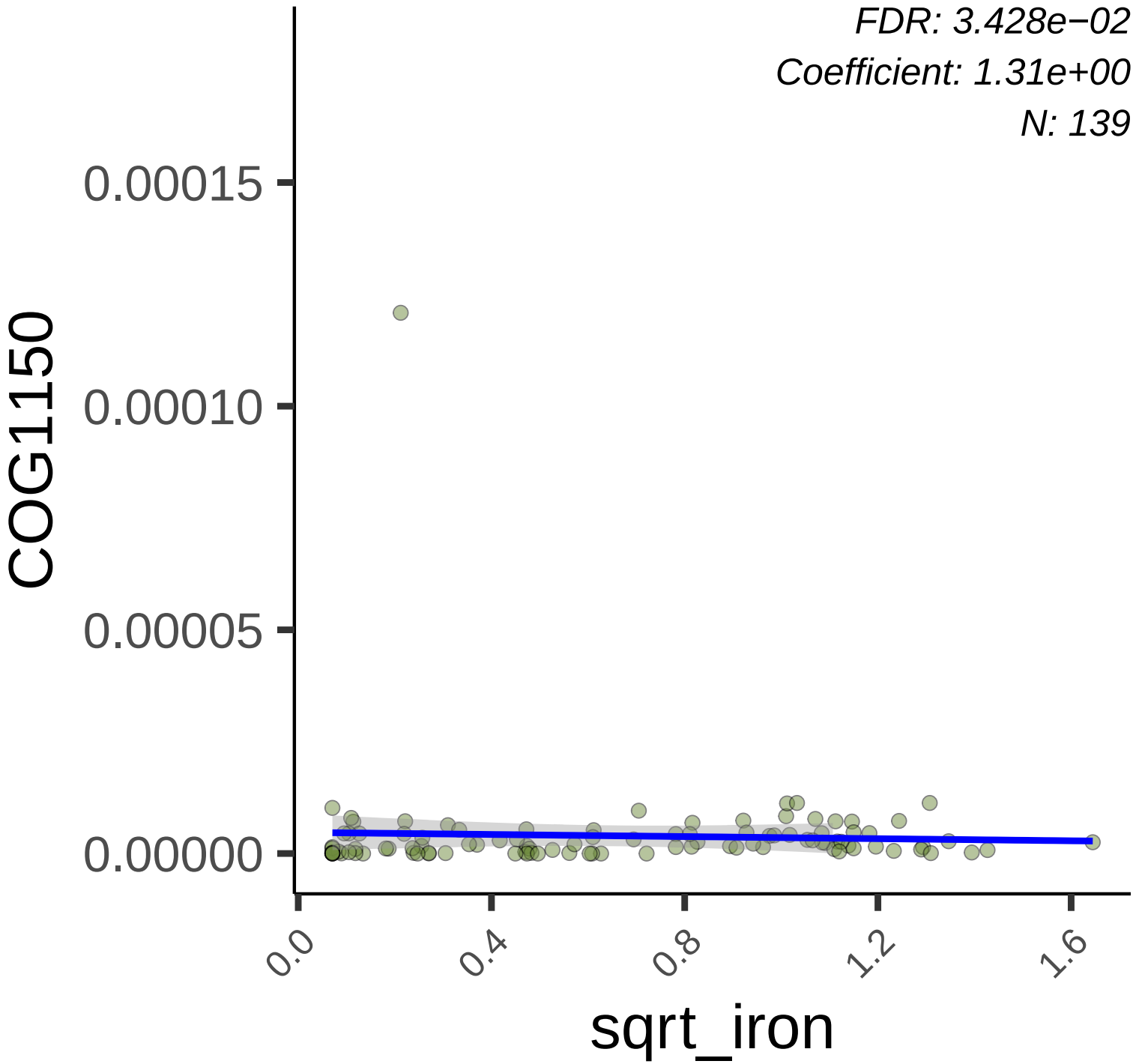
2e−04
1e−04
0e+00
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.428e−02
Coefficient: 1.31e+00
N: 139
COG1150
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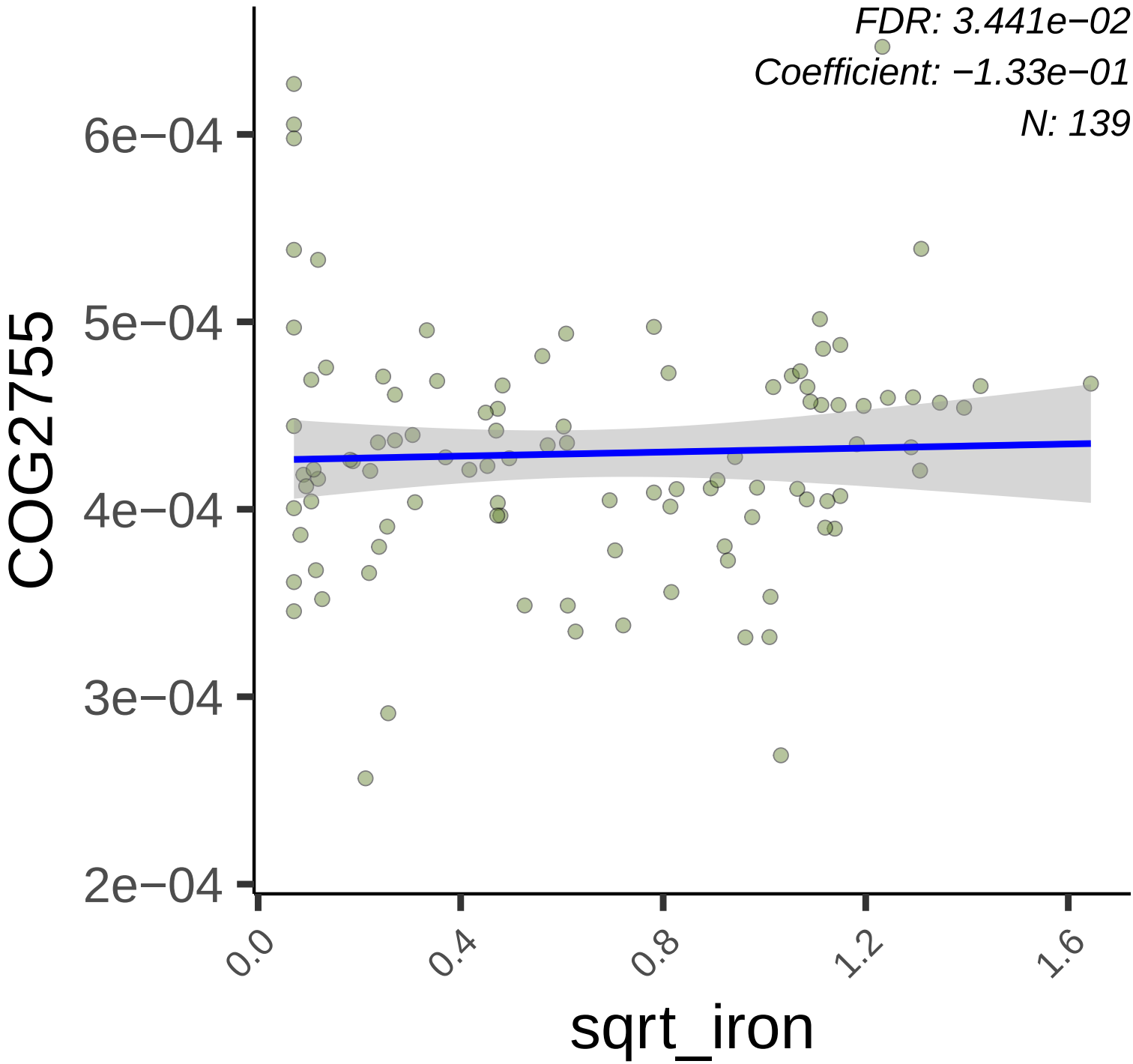
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.441e−02
Coefficient: −1.33e−01
N: 139
COG2755
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4e−04
3e−04
2e−04
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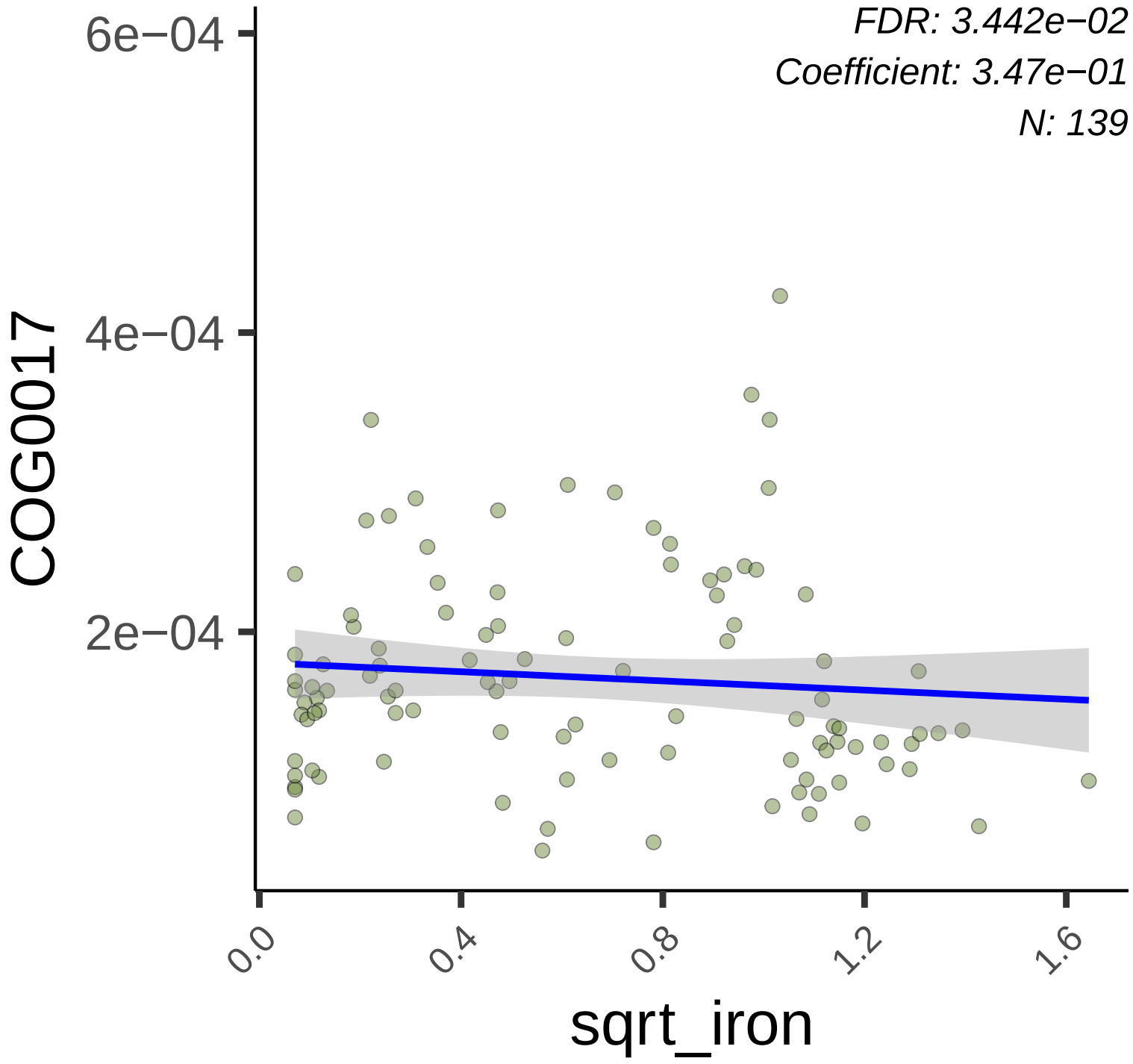
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.442e−02
Coefficient: 3.47e−01
N: 139
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2e−04
COG0017
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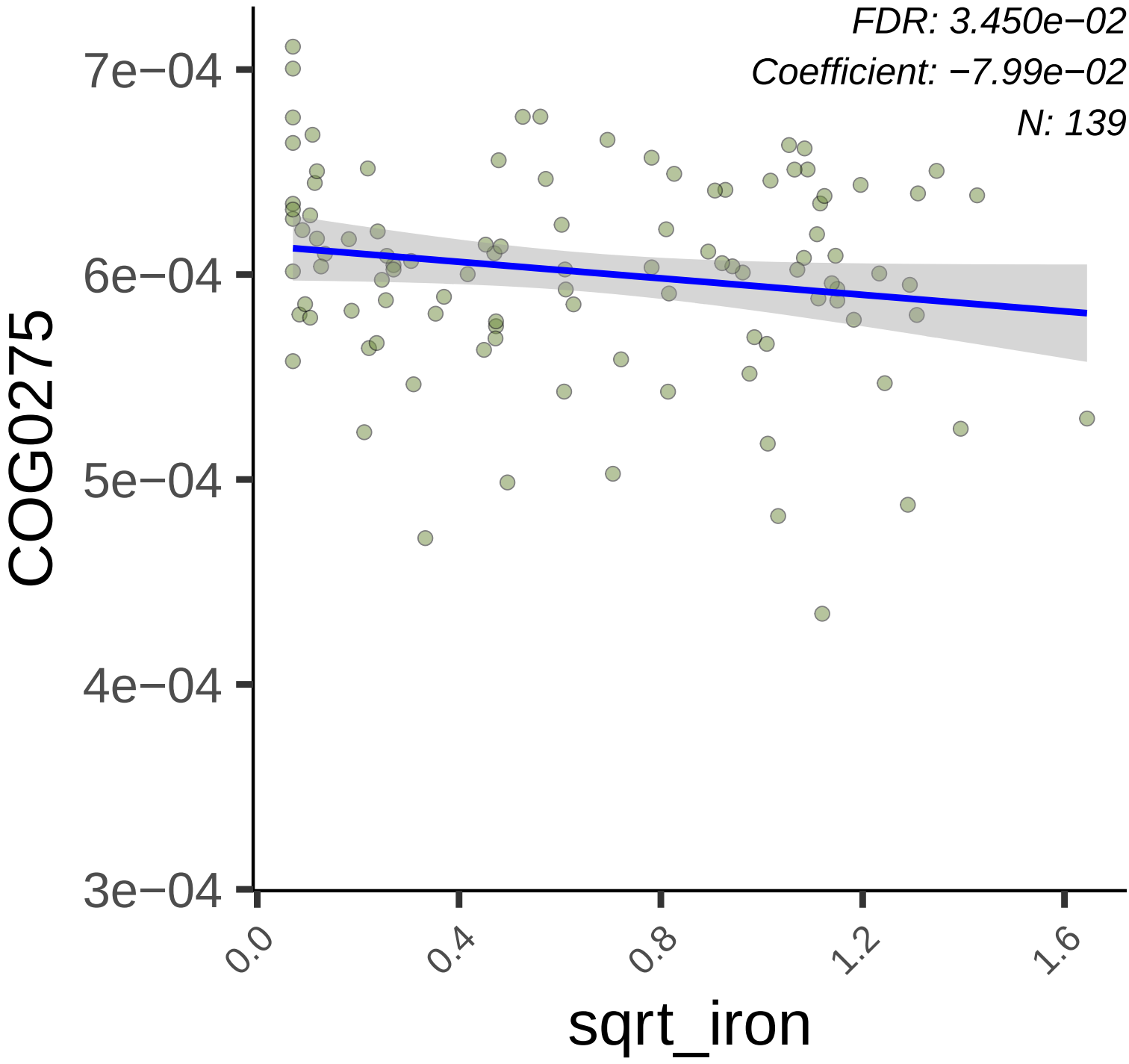
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.450e−02
Coefficient: −7.99e−02
N: 139
7e−04
6e−04
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4e−04
3e−04
COG0275
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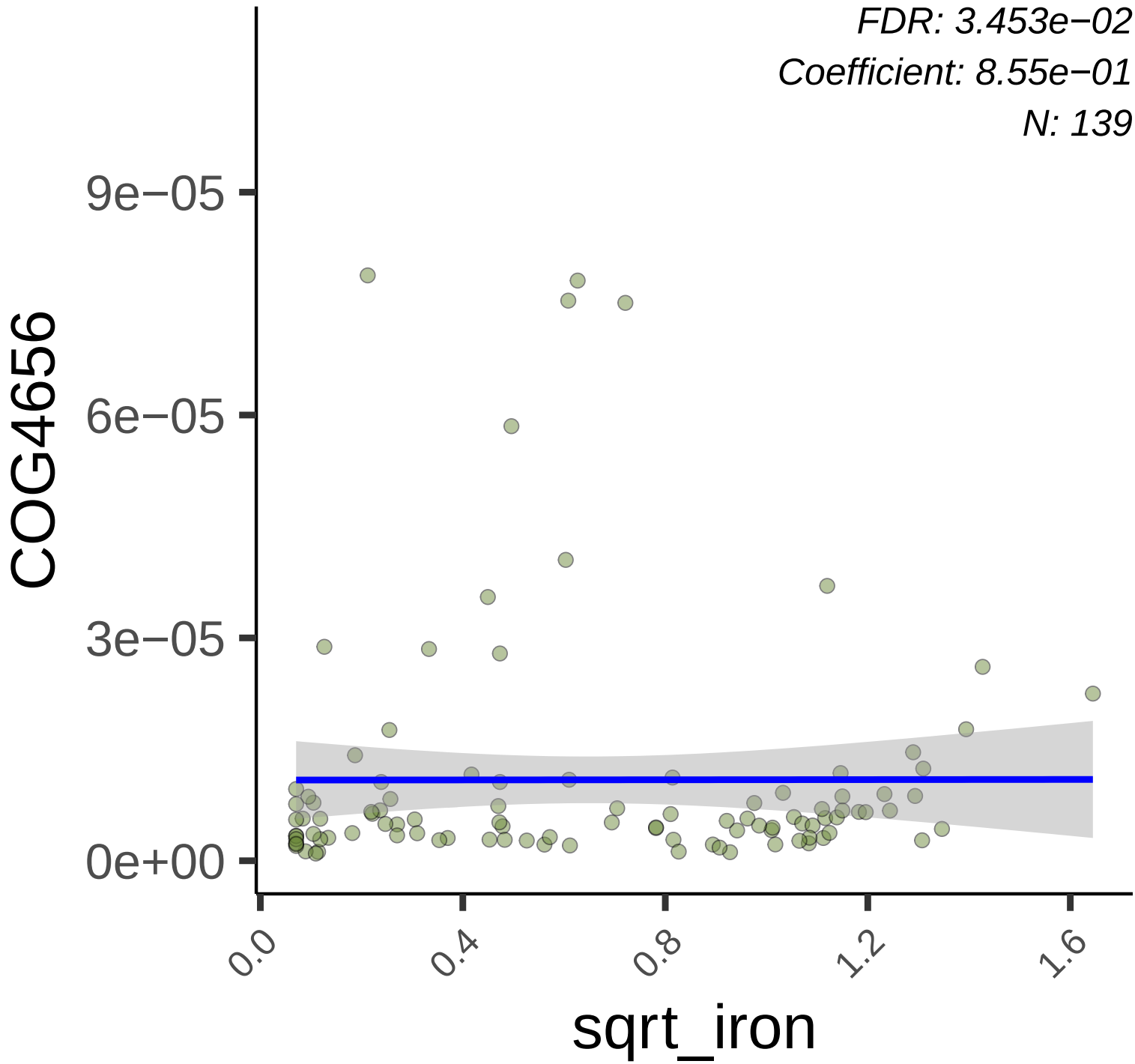
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.453e−02
Coefficient: 8.55e−01
N: 139
COG4656
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6e−05
3e−05
0e+00
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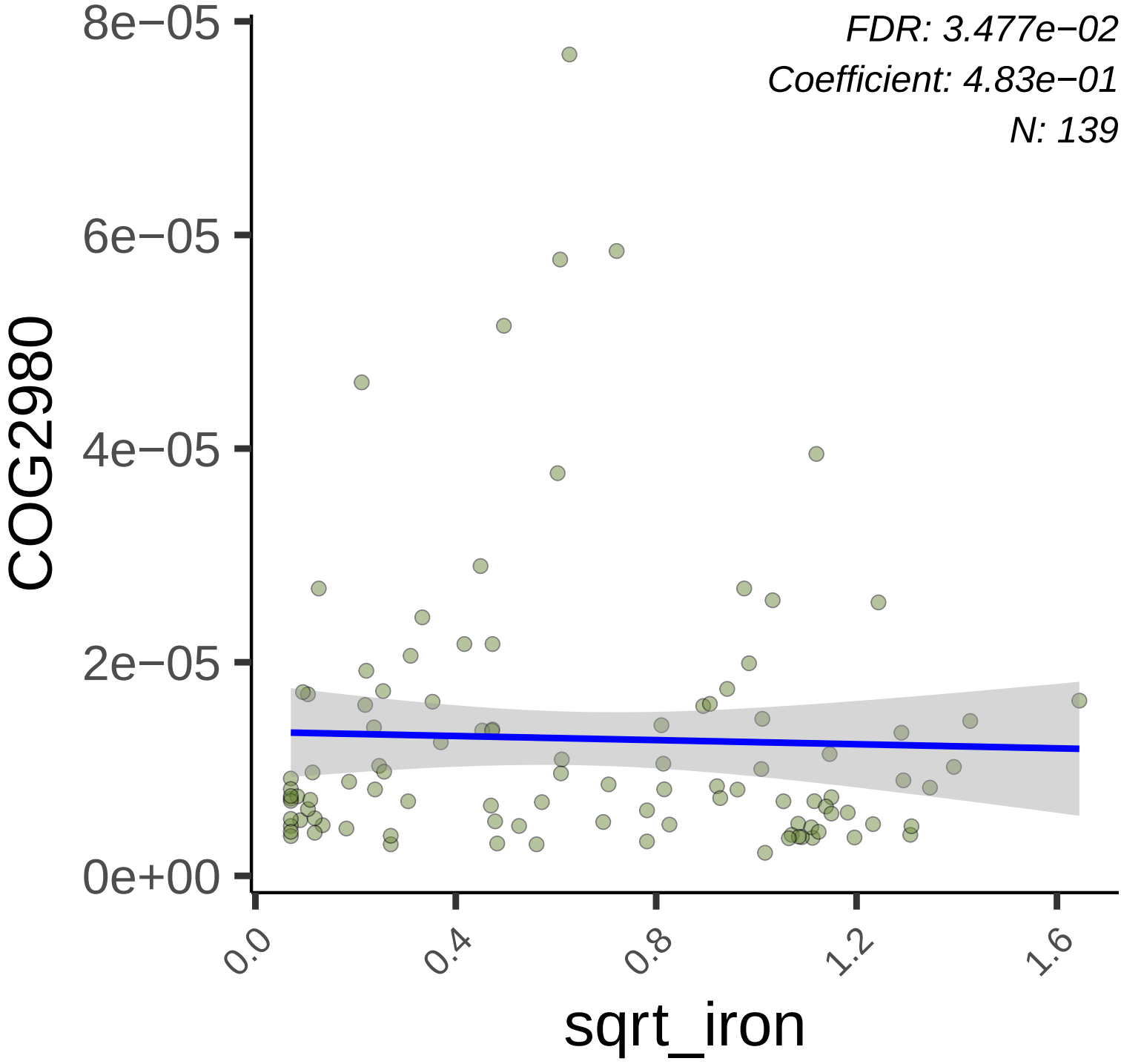
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.477e−02
Coefficient: 4.83e−01
N: 139
COG2980
8e−05
6e−05
4e−05
2e−05
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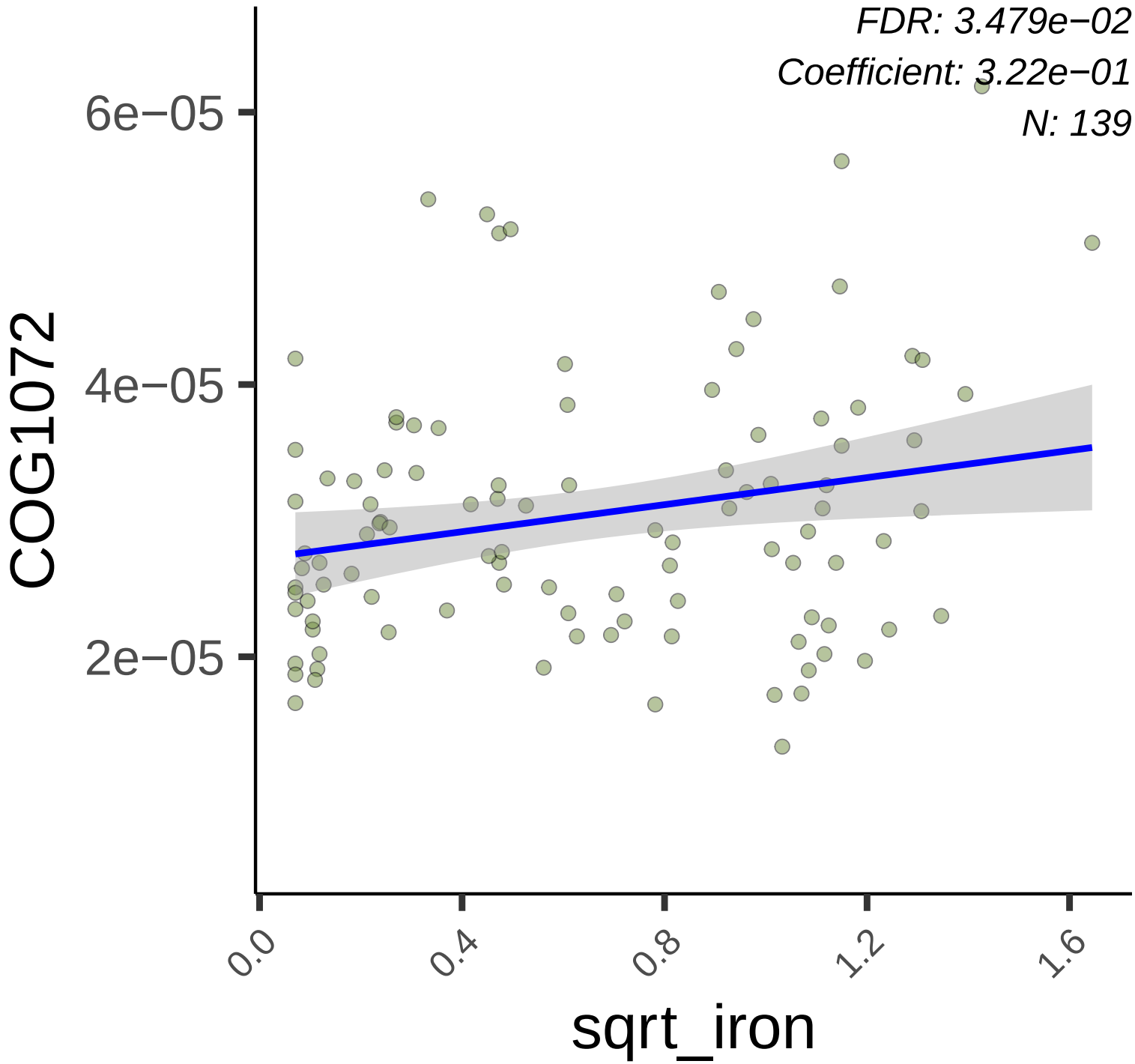
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.479e−02
Coefficient: 3.22e−01
N: 139
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4e−05
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COG1072
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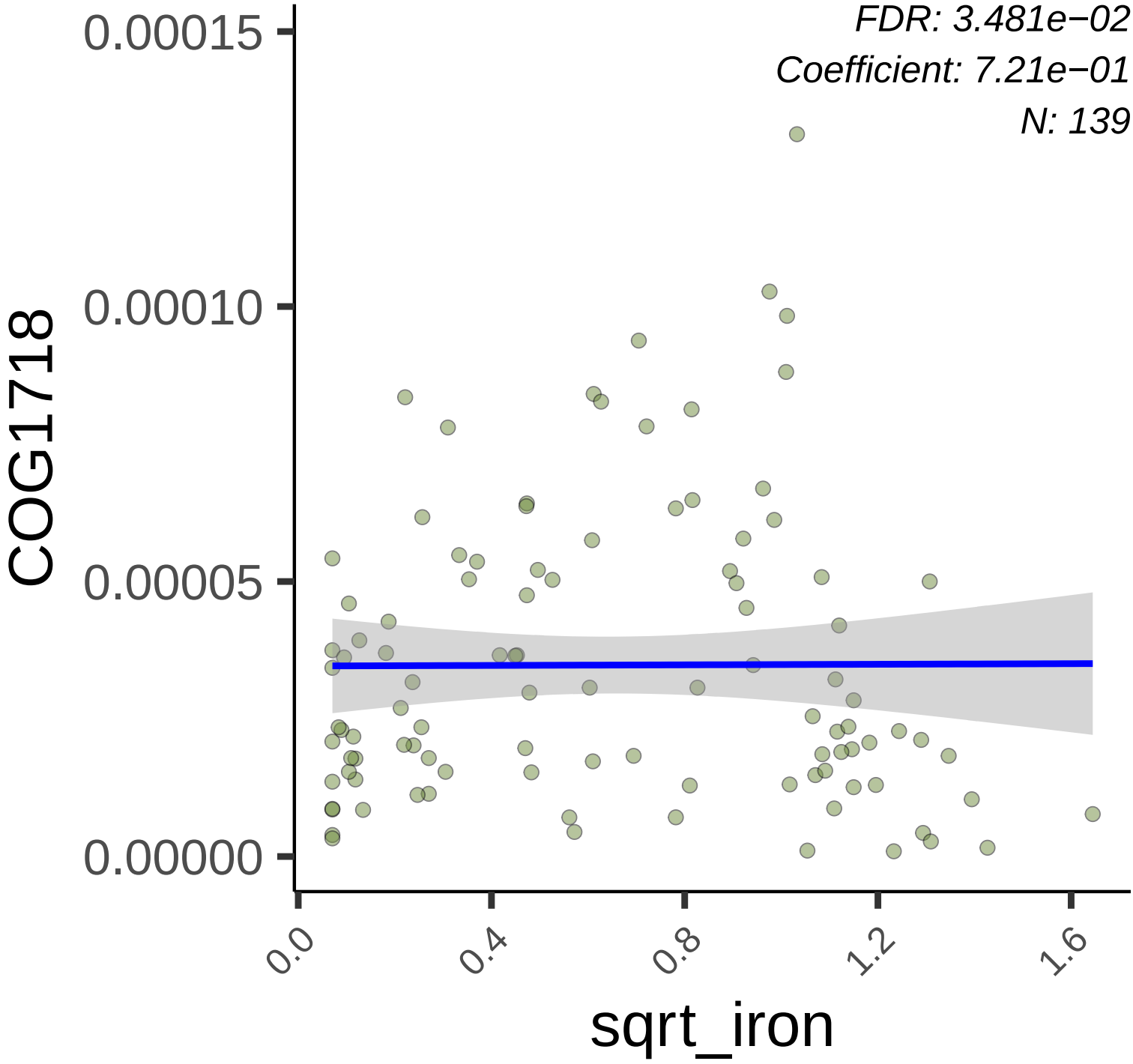
0.8
1.2
1.6
sqrt_iron


FDR: 3.481e−02
Coefficient: 7.21e−01
N: 139
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COG1718
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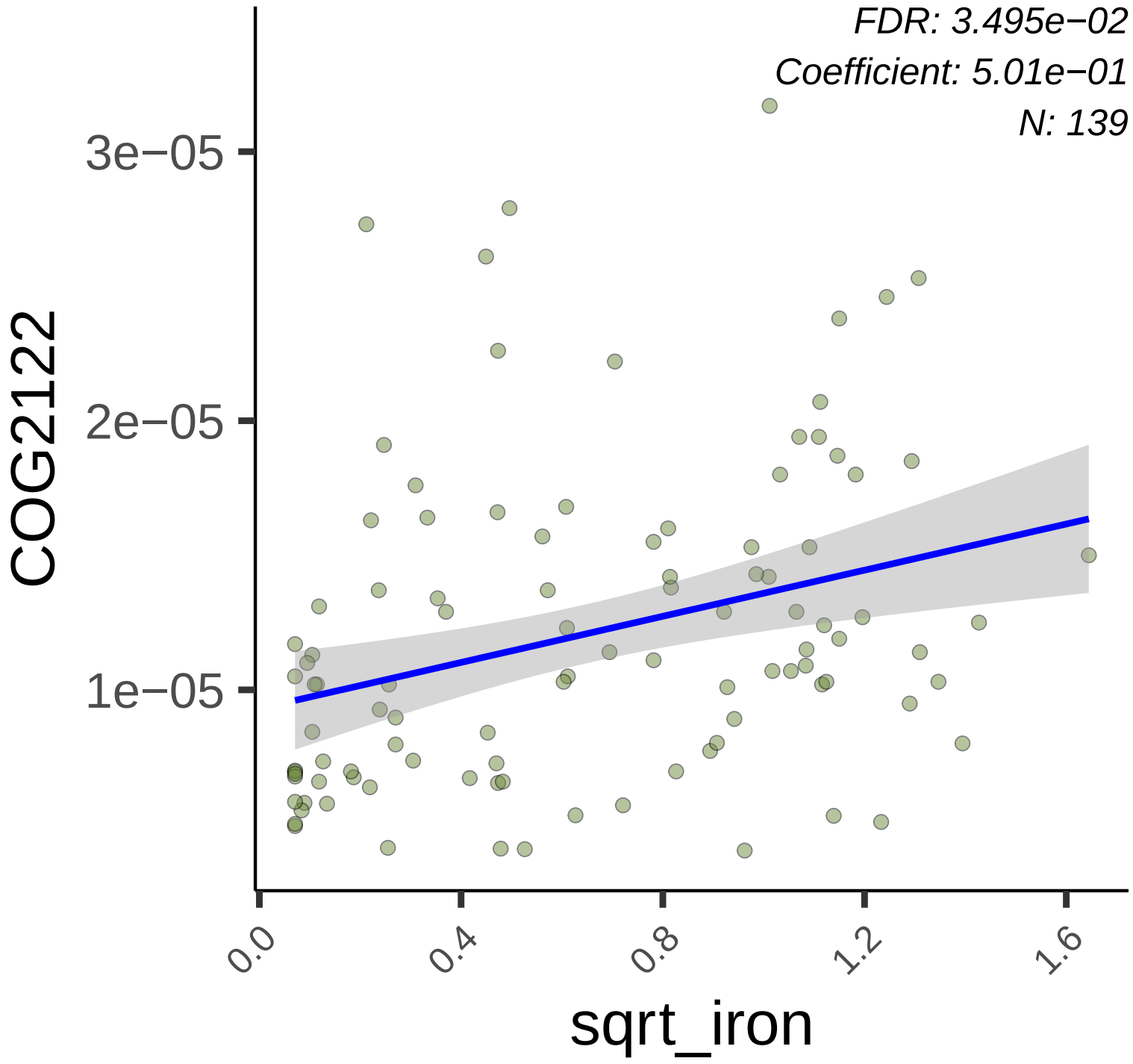
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.495e−02
Coefficient: 5.01e−01
N: 139
COG2122
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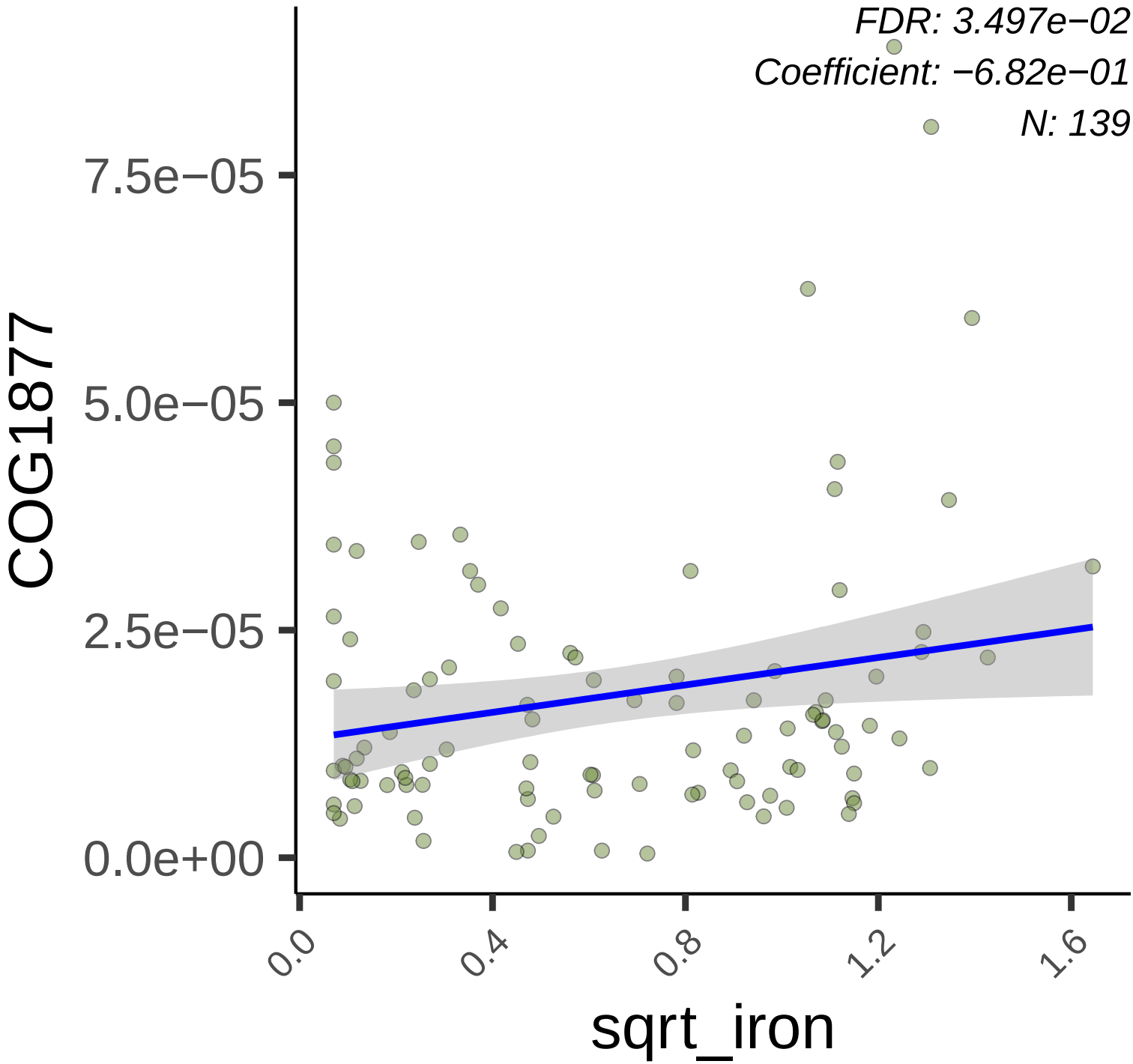
0.8
1.2
1.6
sqrt_iron


FDR: 3.497e−02
Coefficient: −6.82e−01
N: 139
COG1877
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2.5e−05
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0.4
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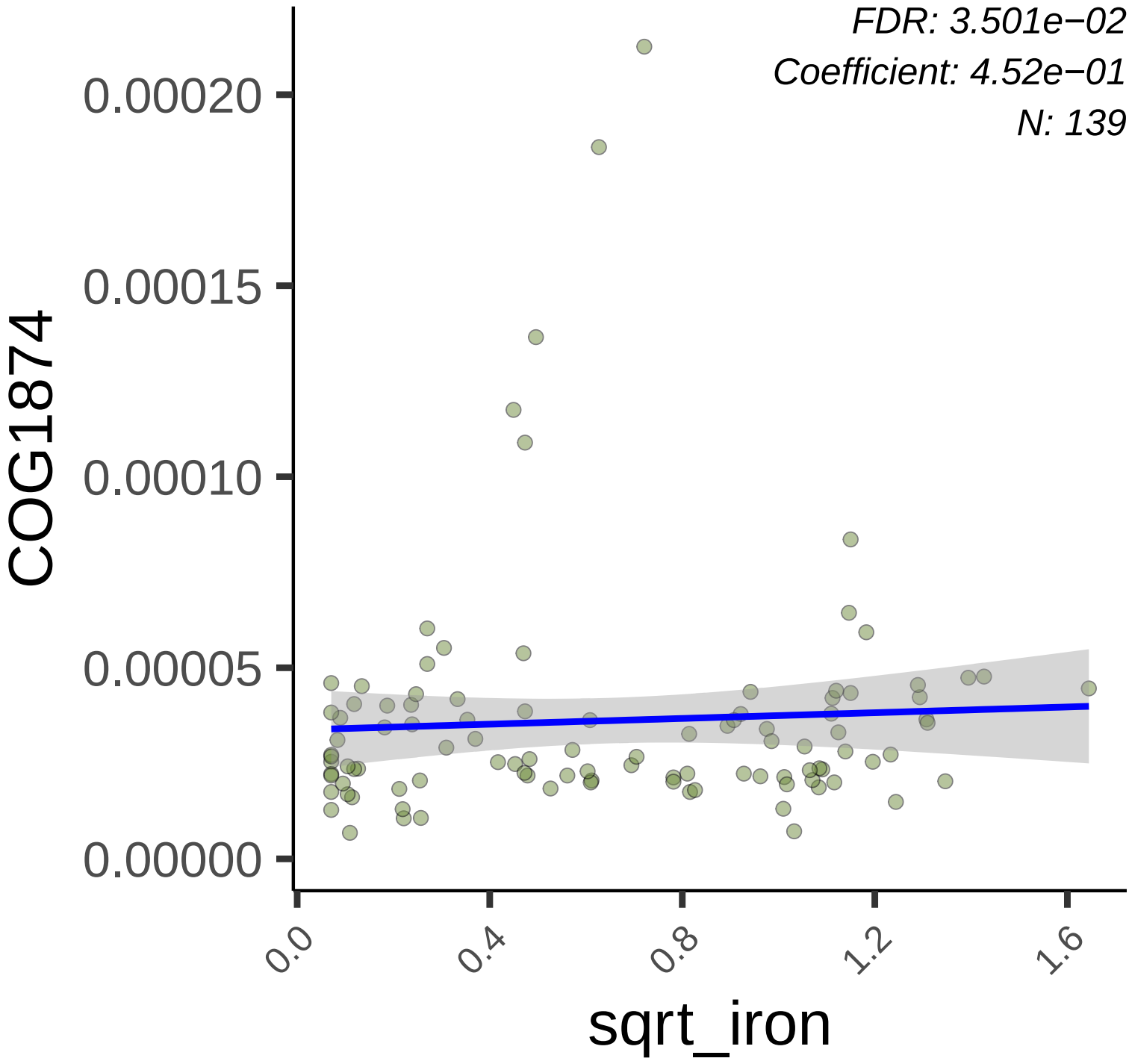
1.2
1.6
sqrt_iron


FDR: 3.501e−02
Coefficient: 4.52e−01
N: 139
COG1874
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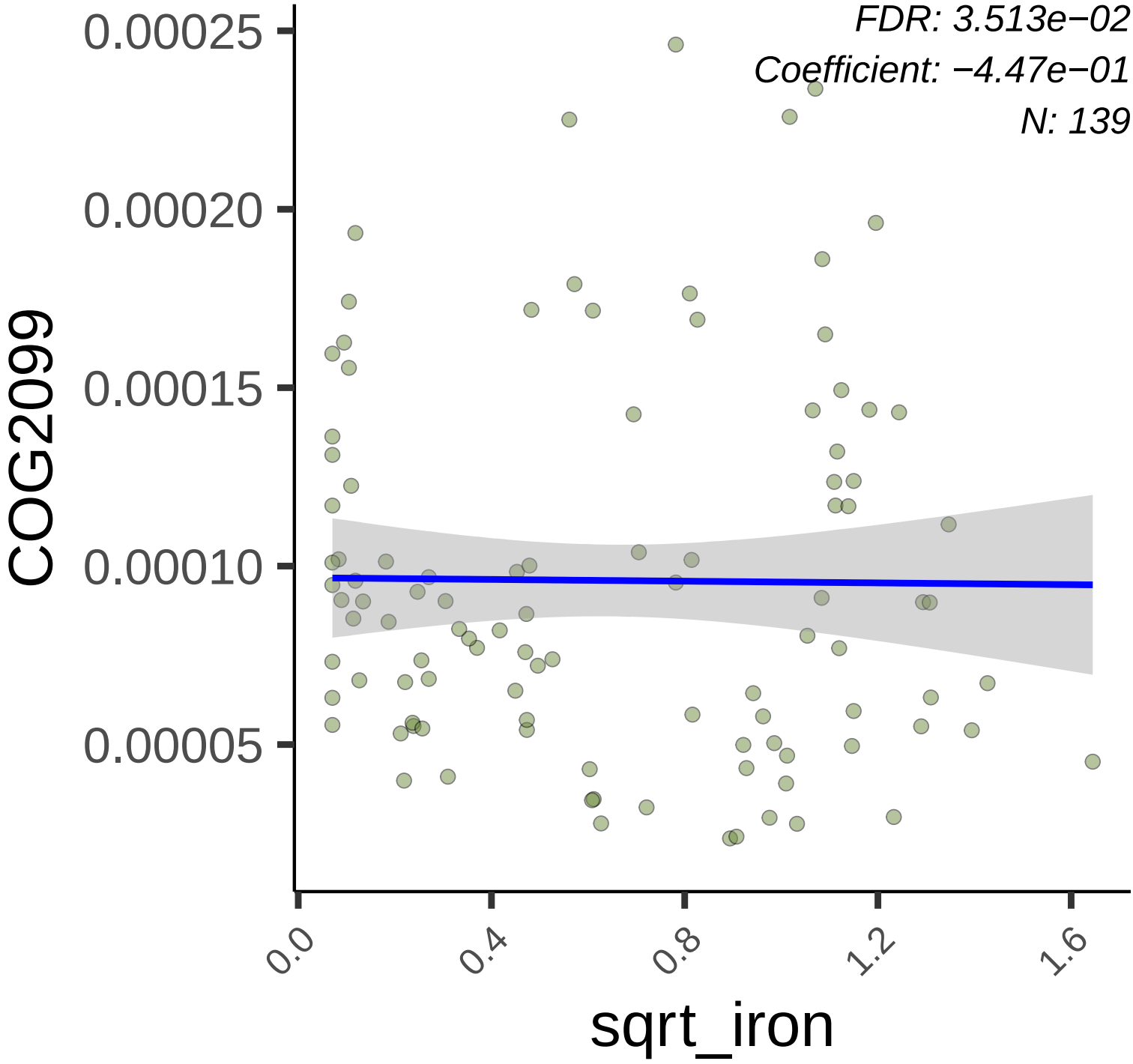
1.2
1.6
sqrt_iron


FDR: 3.513e−02
Coefficient: −4.47e−01
N: 139
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COG2099
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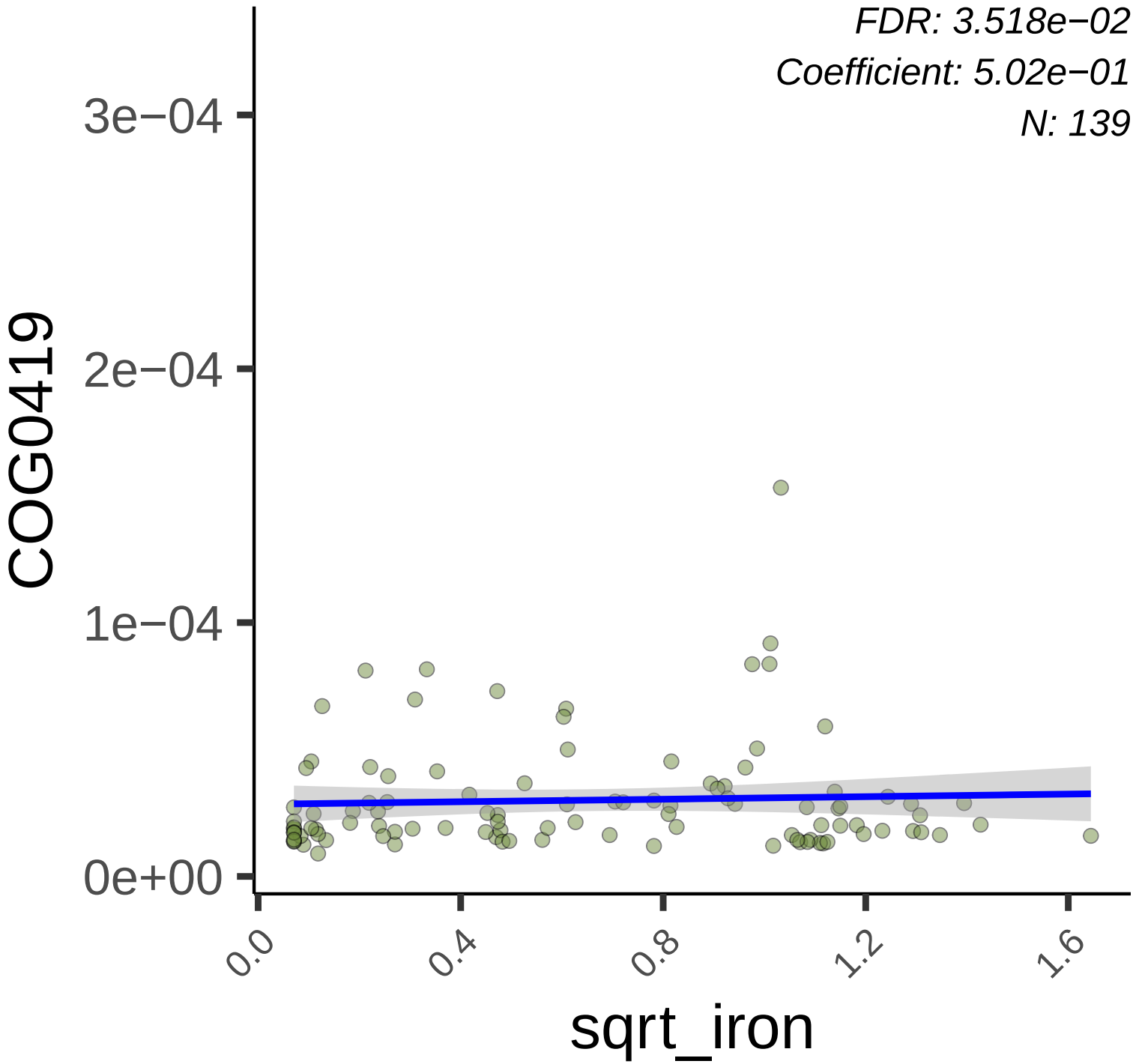
sqrt_iron


FDR: 3.518e−02
Coefficient: 5.02e−01
N: 139
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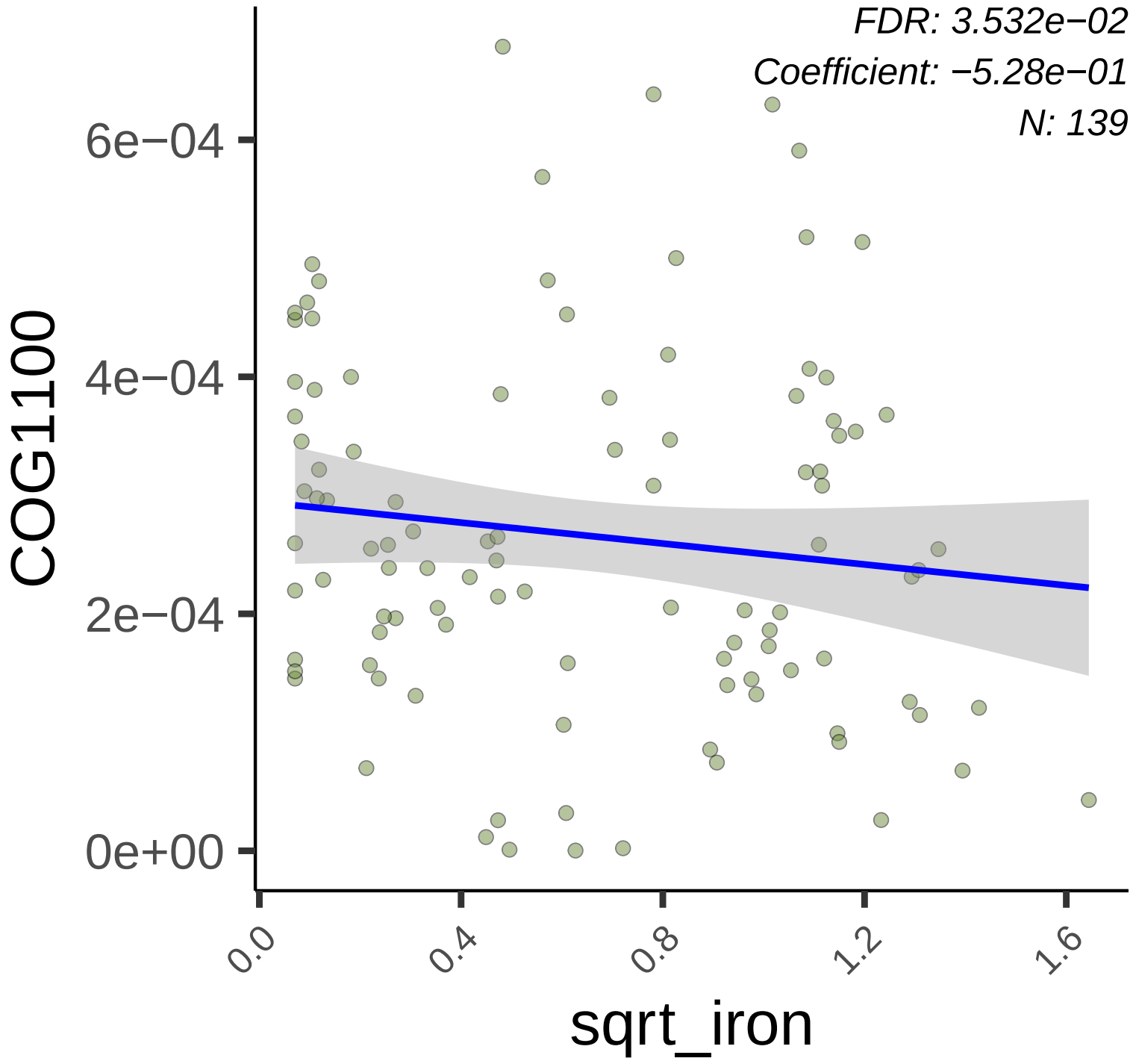
1.2
1.6
sqrt_iron


FDR: 3.532e−02
Coefficient: −5.28e−01
N: 139
COG1100
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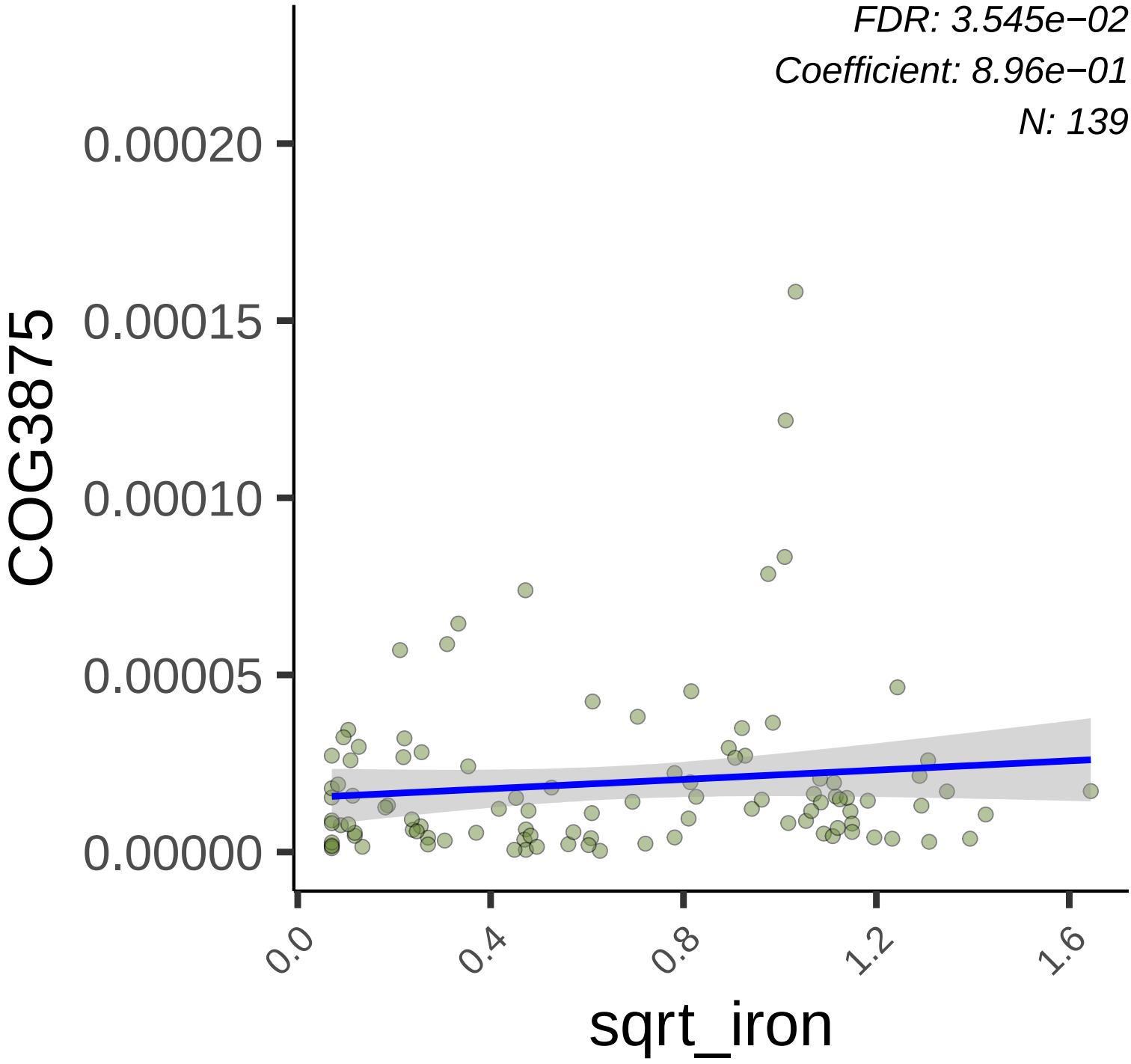
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.545e−02
Coefficient: 8.96e−01
N: 139
COG3875
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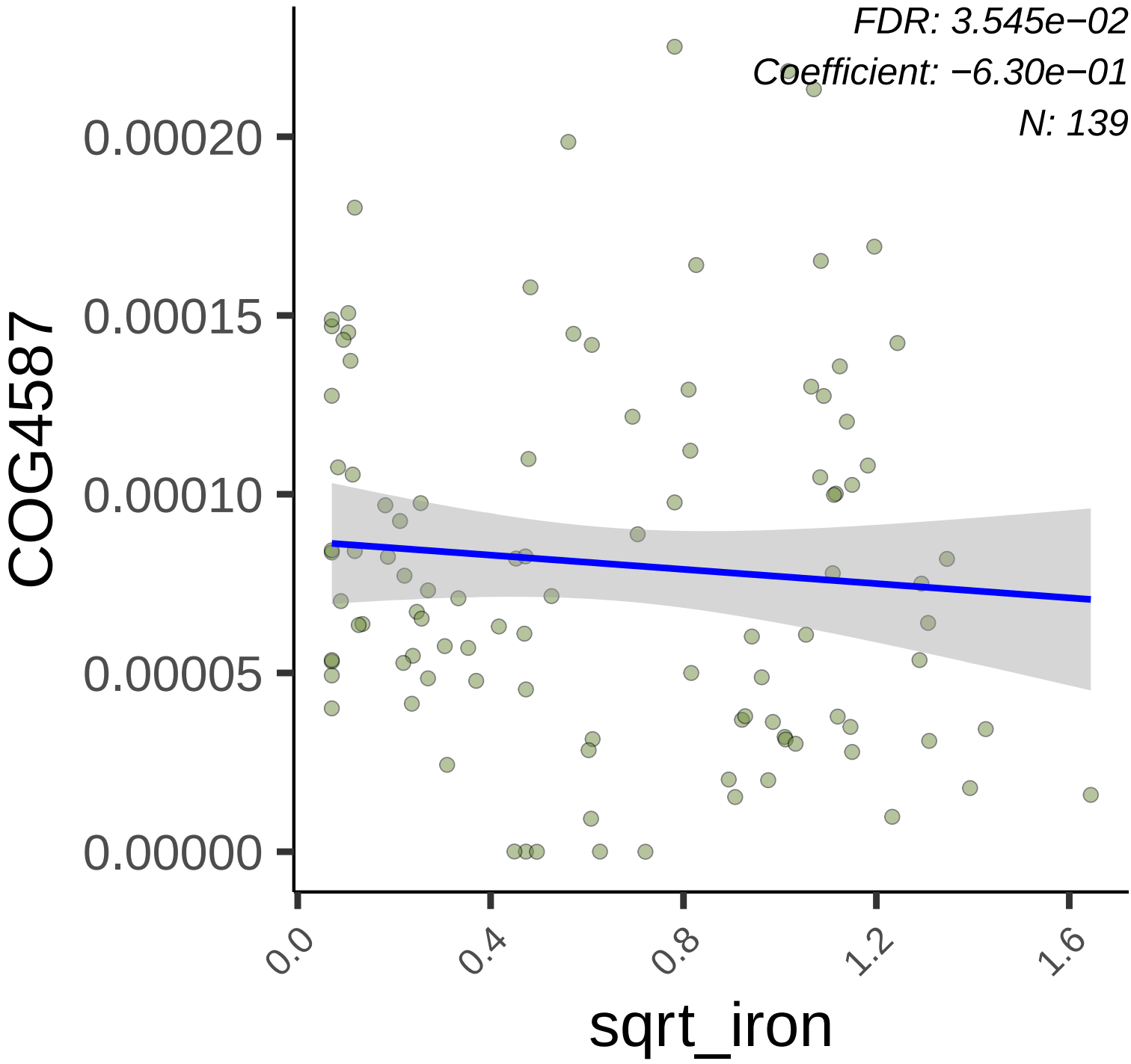
1.2
1.6
sqrt_iron


FDR: 3.545e−02
Coefficient: −6.30e−01
N: 139
COG4587
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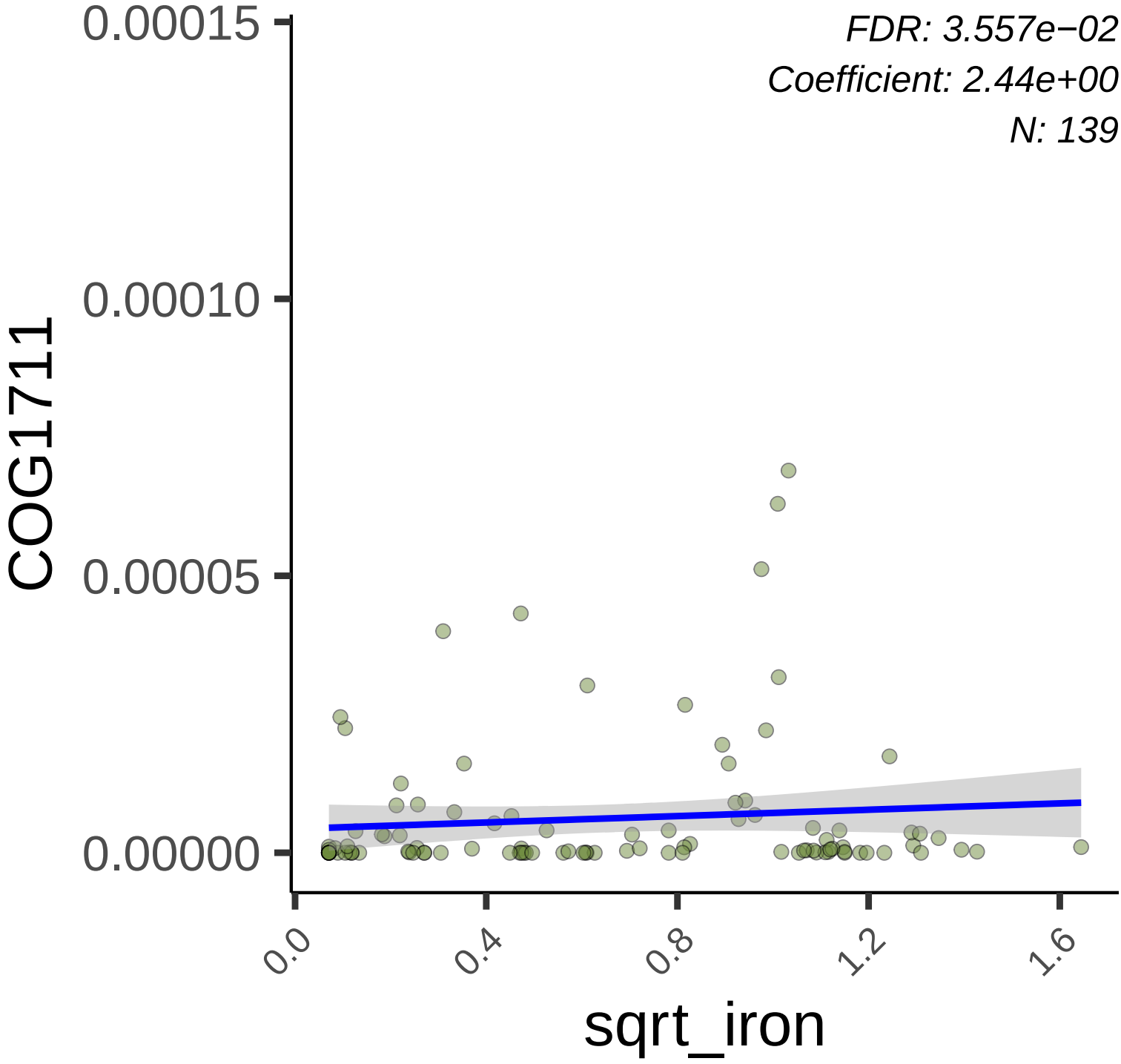
1.6
sqrt_iron


FDR: 3.557e−02
Coefficient: 2.44e+00
N: 139
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COG1711
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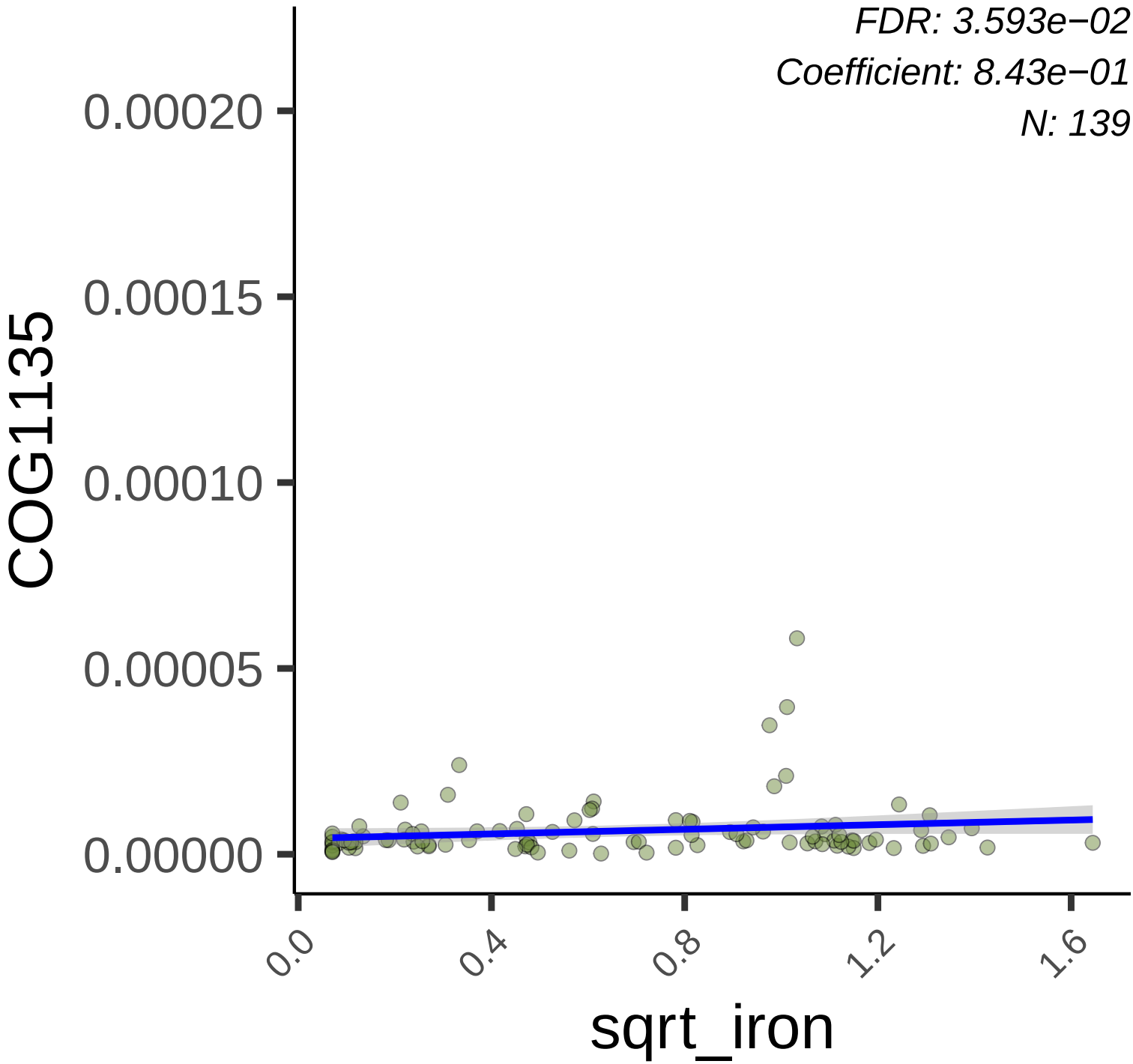
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.593e−02
Coefficient: 8.43e−01
N: 139
COG1135
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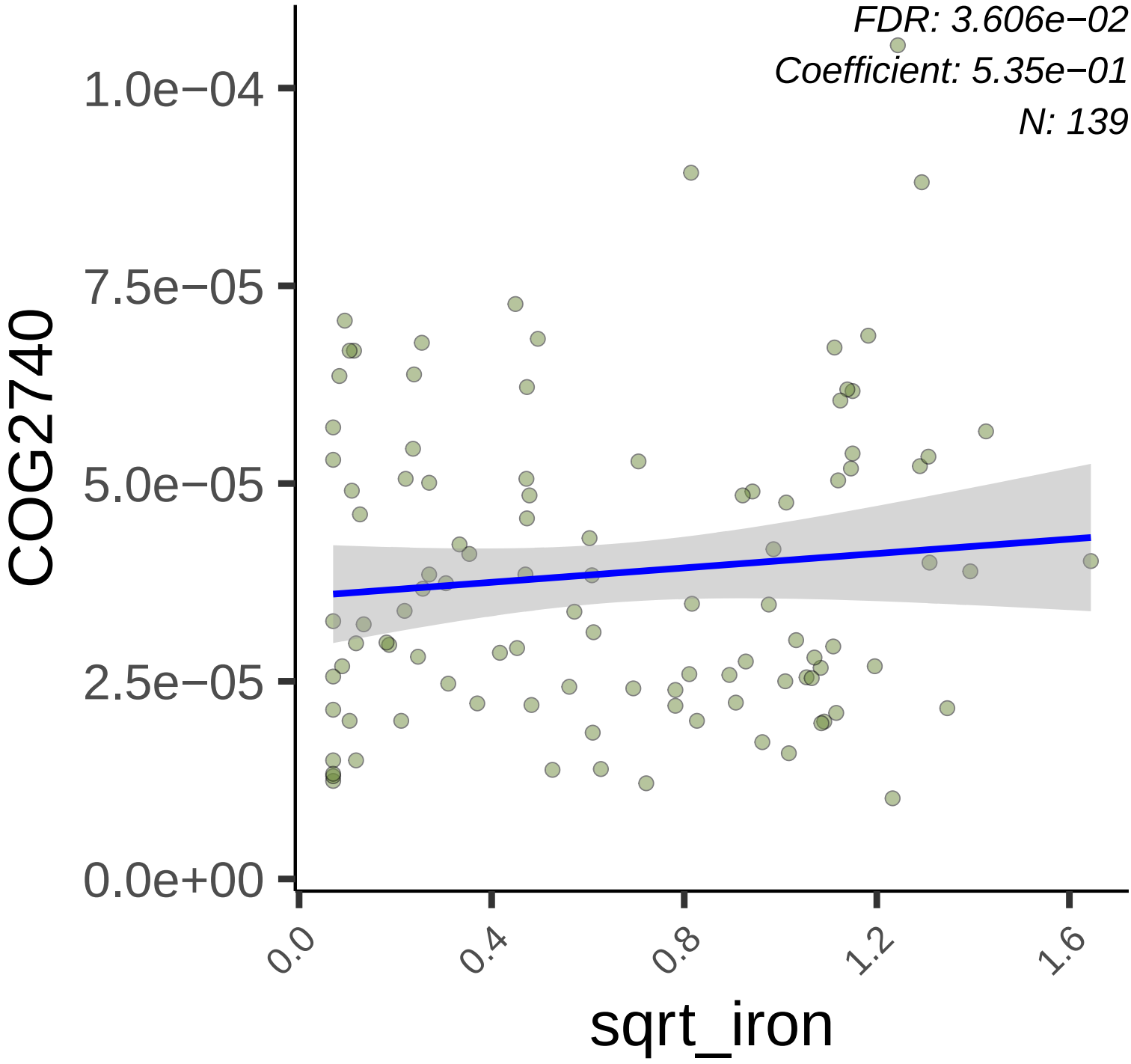
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.606e−02
Coefficient: 5.35e−01
N: 139
COG2740
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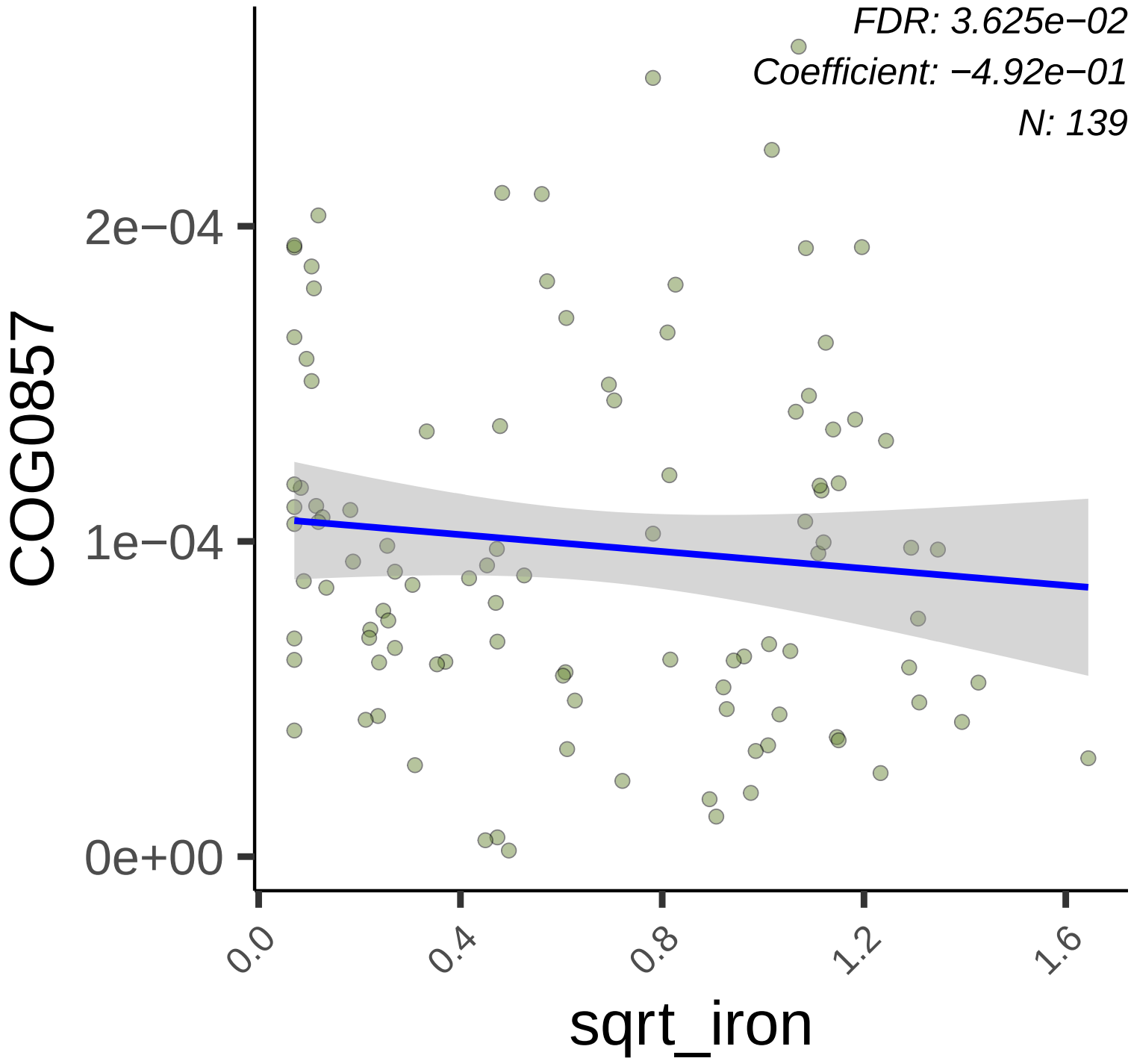
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.625e−02
Coefficient: −4.92e−01
N: 139
COG0857
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0e+00
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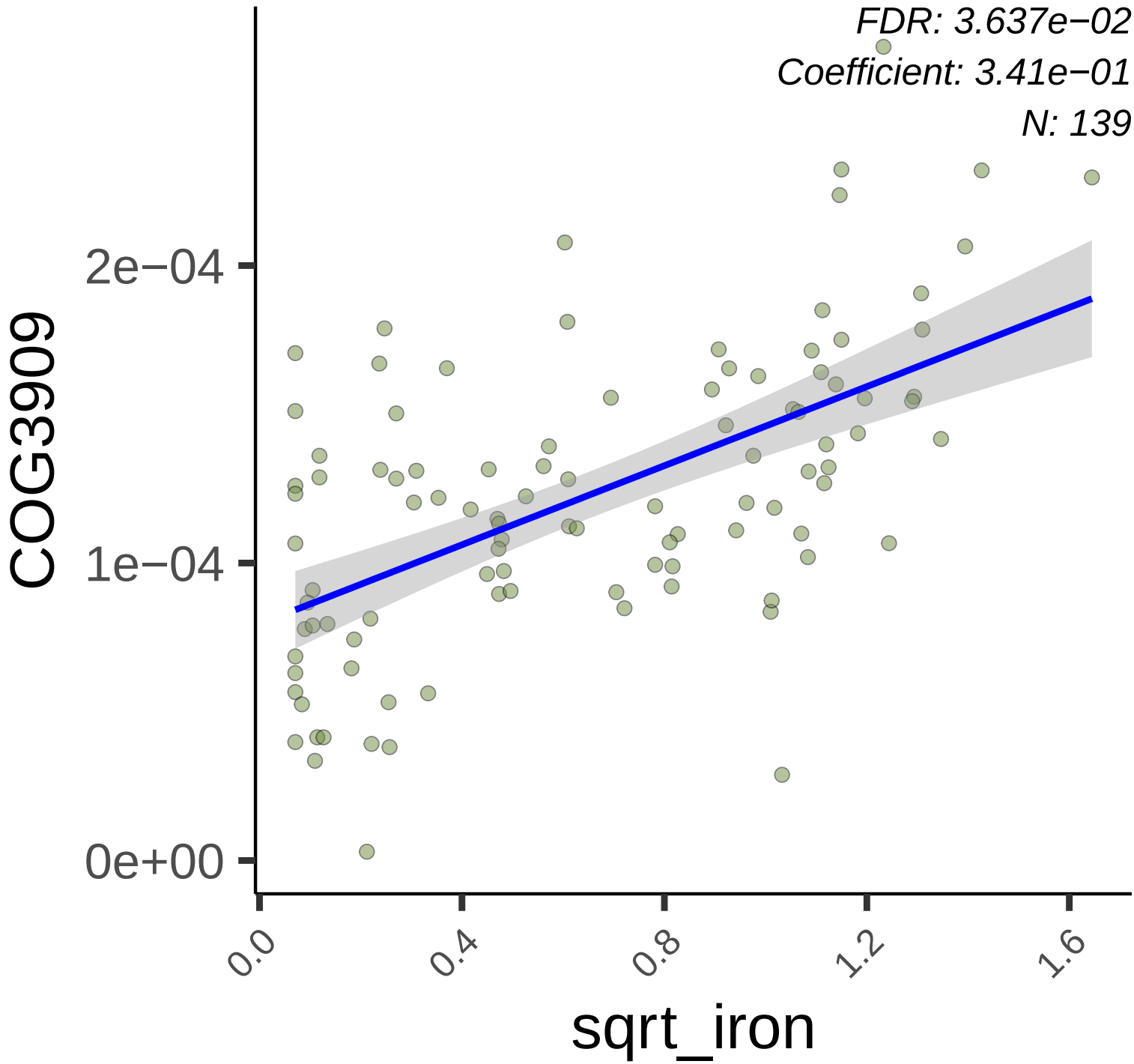
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.637e−02
Coefficient: 3.41e−01
N: 139
COG3909
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0.4
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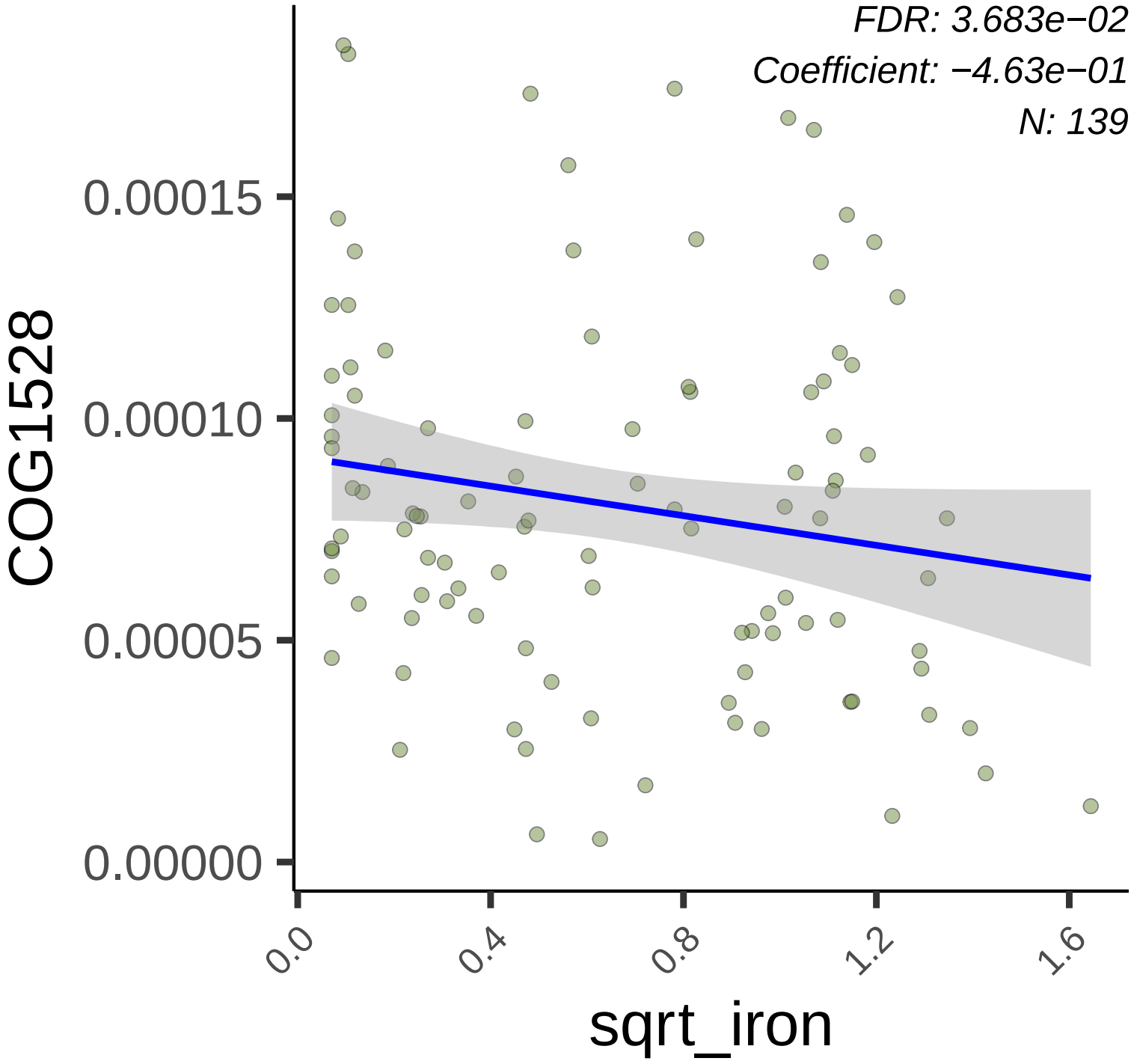
1.6
sqrt_iron


FDR: 3.683e−02
Coefficient: −4.63e−01
N: 139
COG1528
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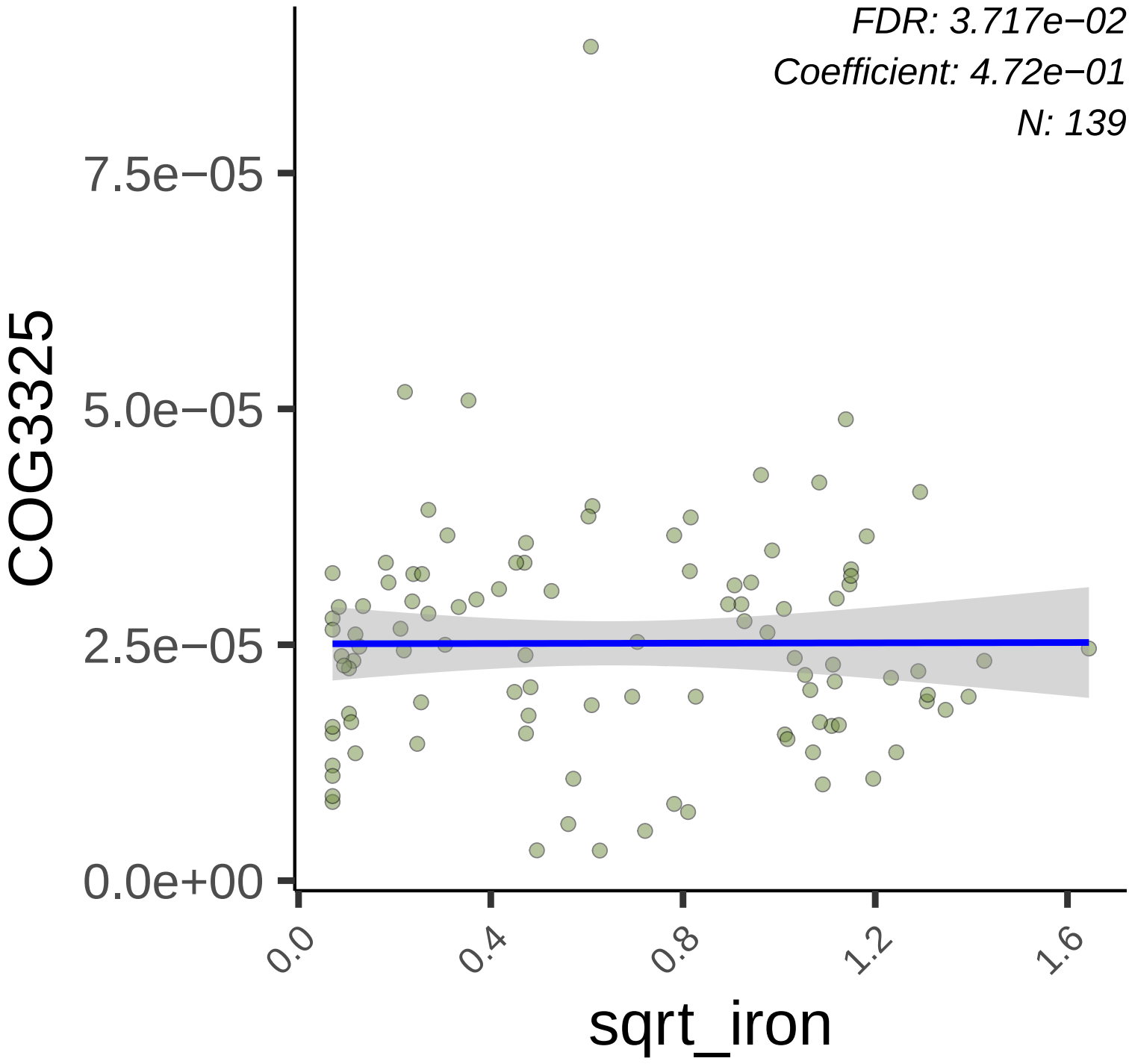
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.717e−02
Coefficient: 4.72e−01
N: 139
COG3325
7.5e−05
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2.5e−05
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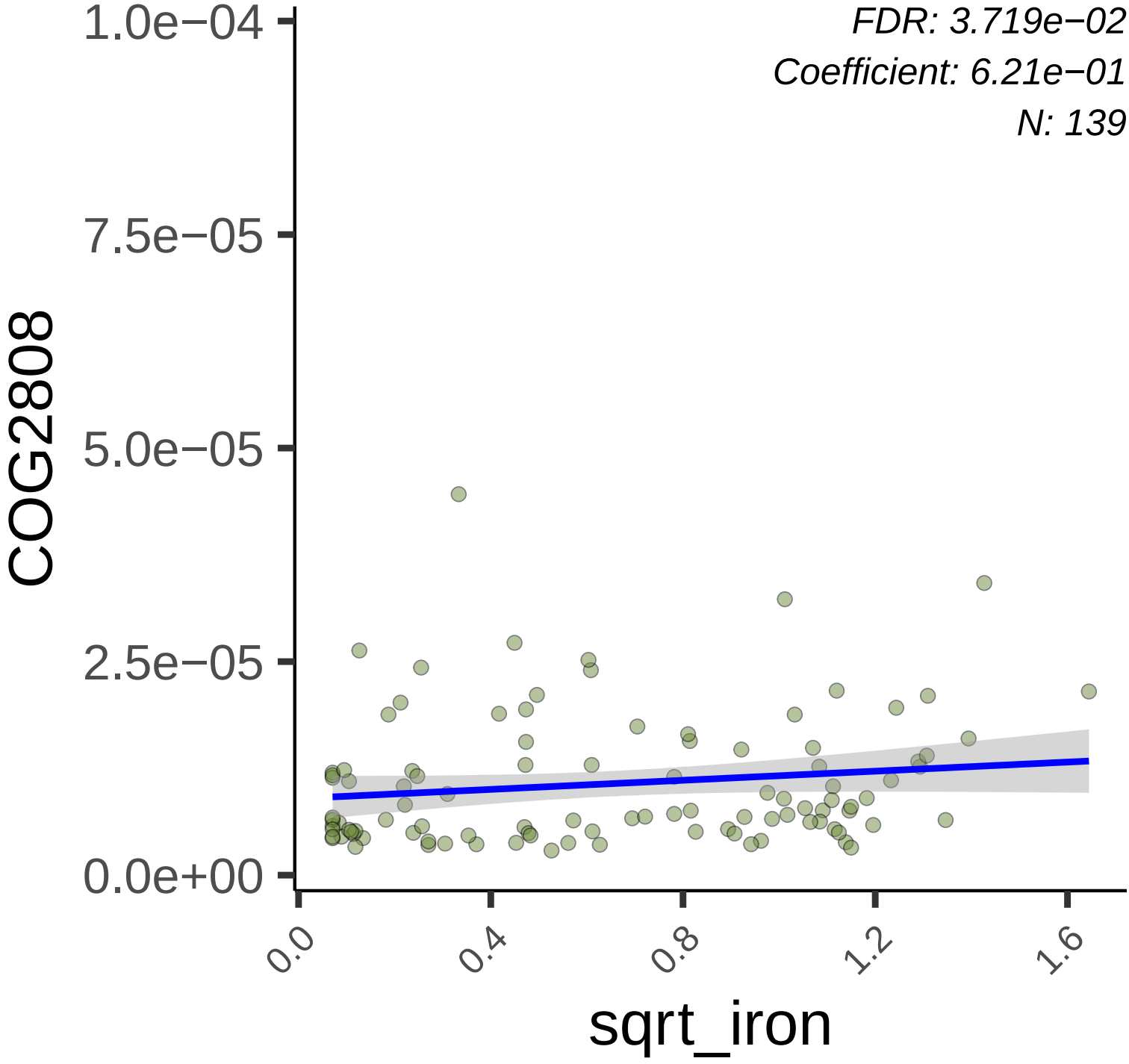
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.719e−02
Coefficient: 6.21e−01
N: 139
1.0e−04
7.5e−05
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2.5e−05
0.0e+00
COG2808
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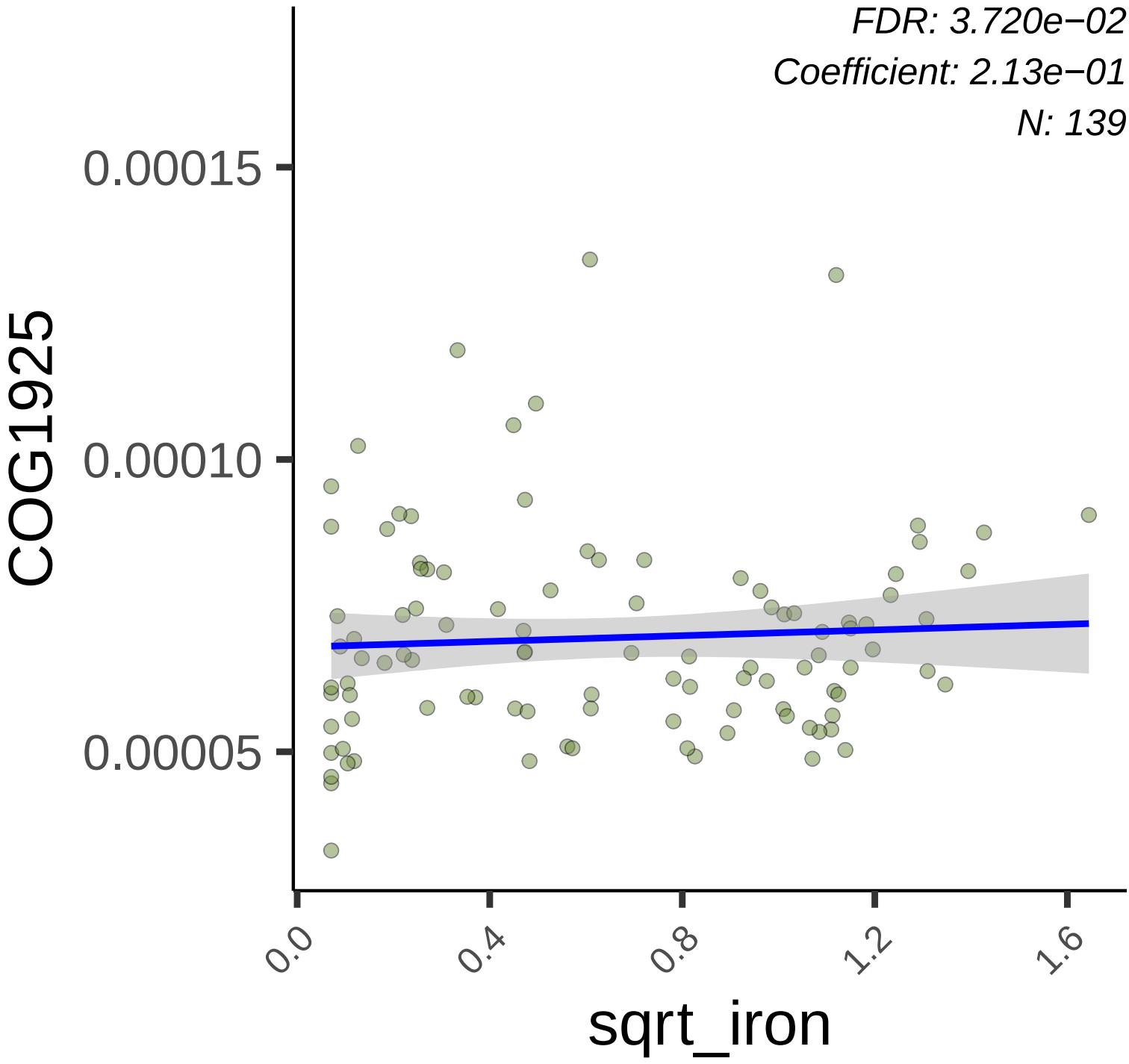
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.720e−02
Coefficient: 2.13e−01
N: 139
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COG1925
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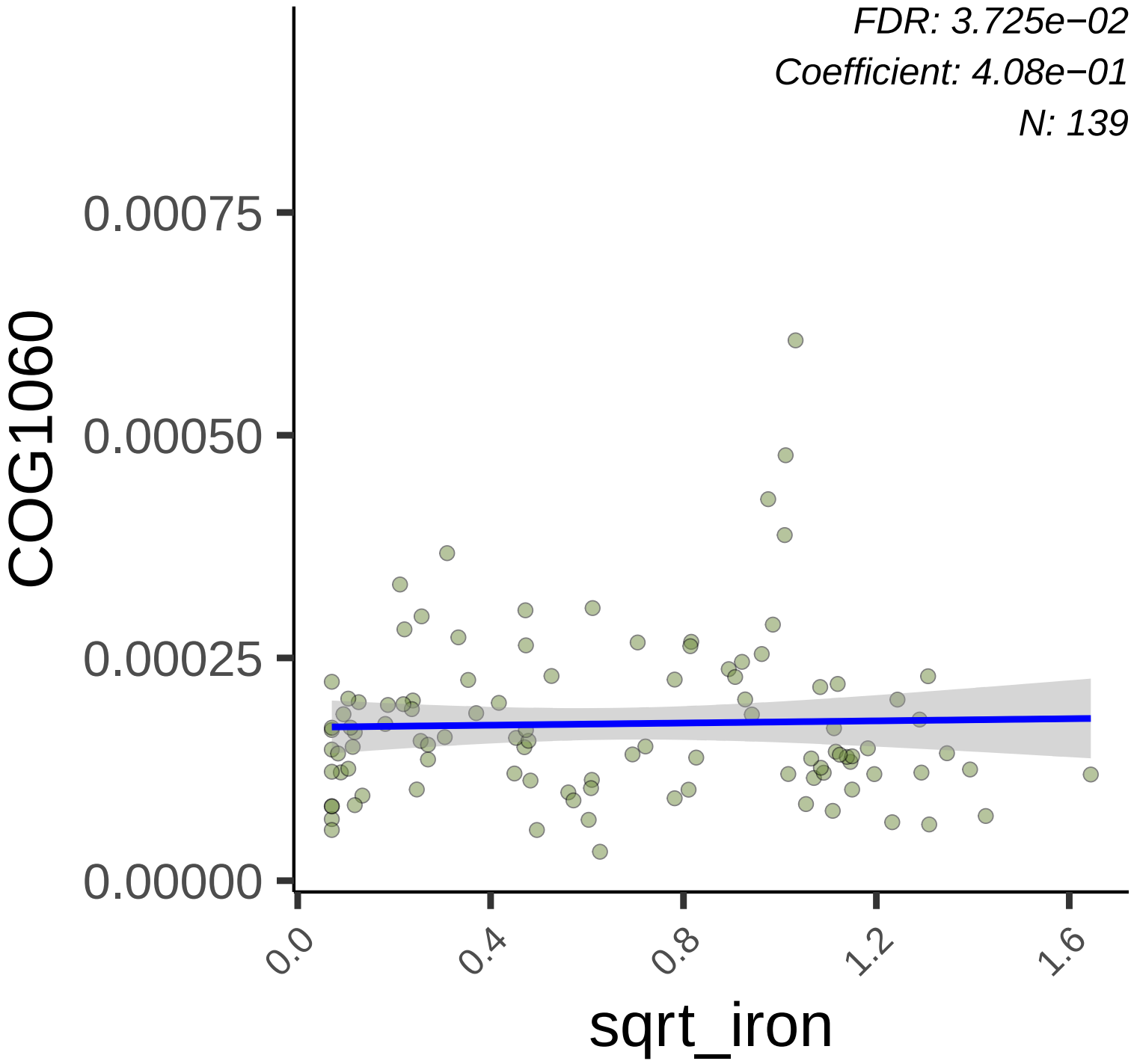
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.725e−02
Coefficient: 4.08e−01
N: 139
COG1060
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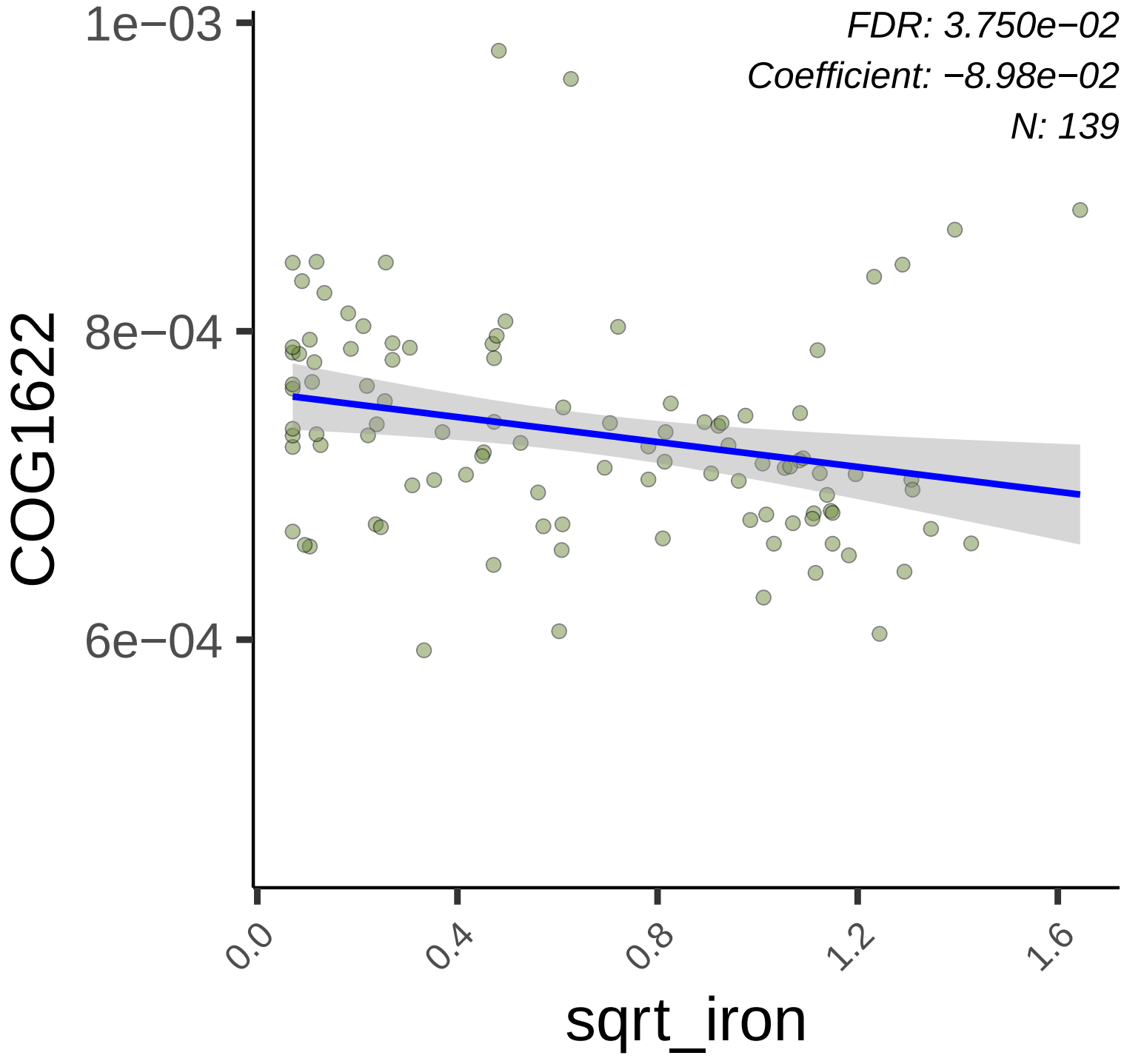
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.750e−02
Coefficient: −8.98e−02
N: 139
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8e−04
6e−04
COG1622
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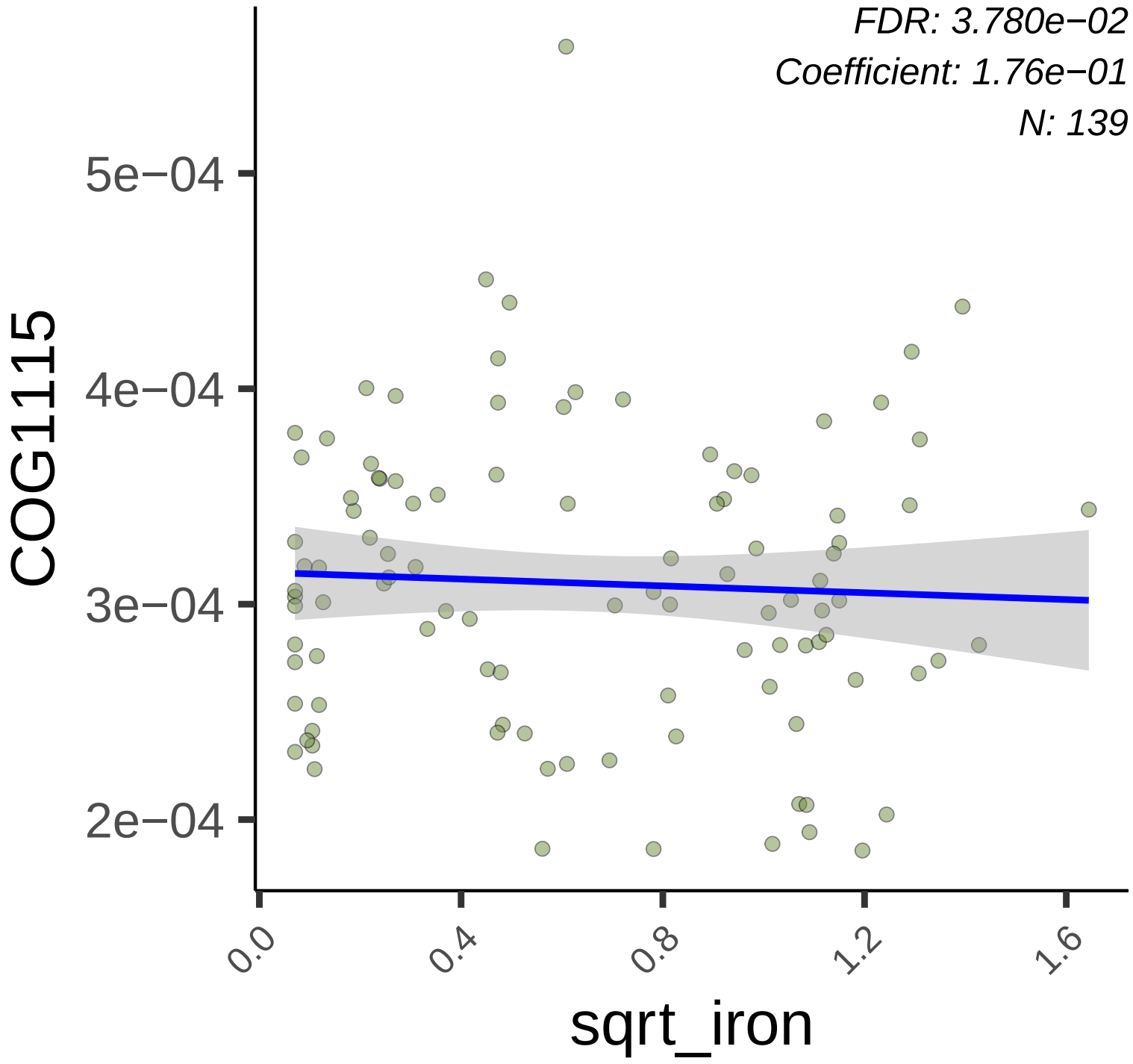
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.780e−02
Coefficient: 1.76e−01
N: 139
COG1115
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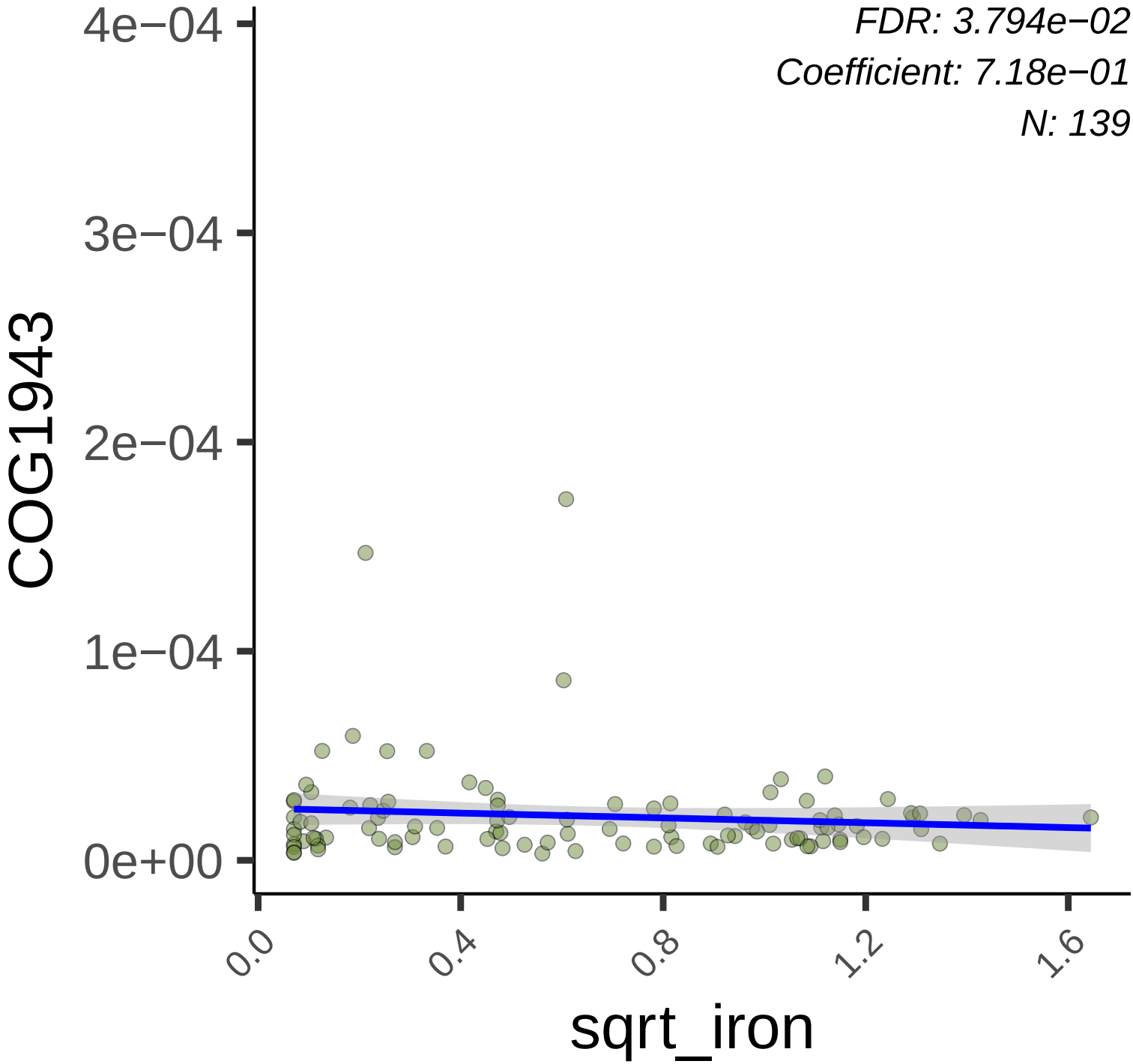
3e−04
2e−04
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.794e−02
Coefficient: 7.18e−01
N: 139
COG1943
4e−04
3e−04
2e−04
1e−04
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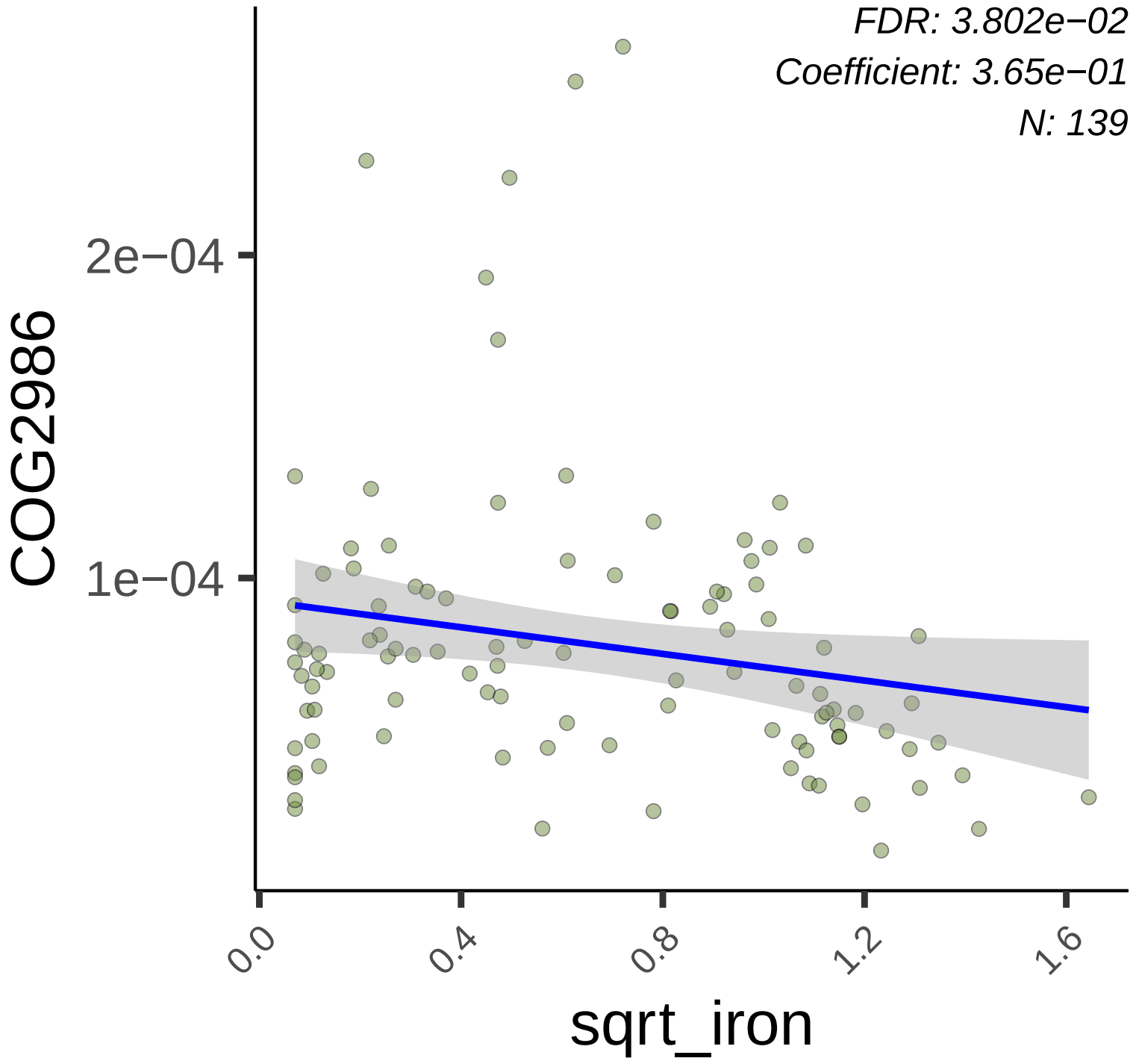
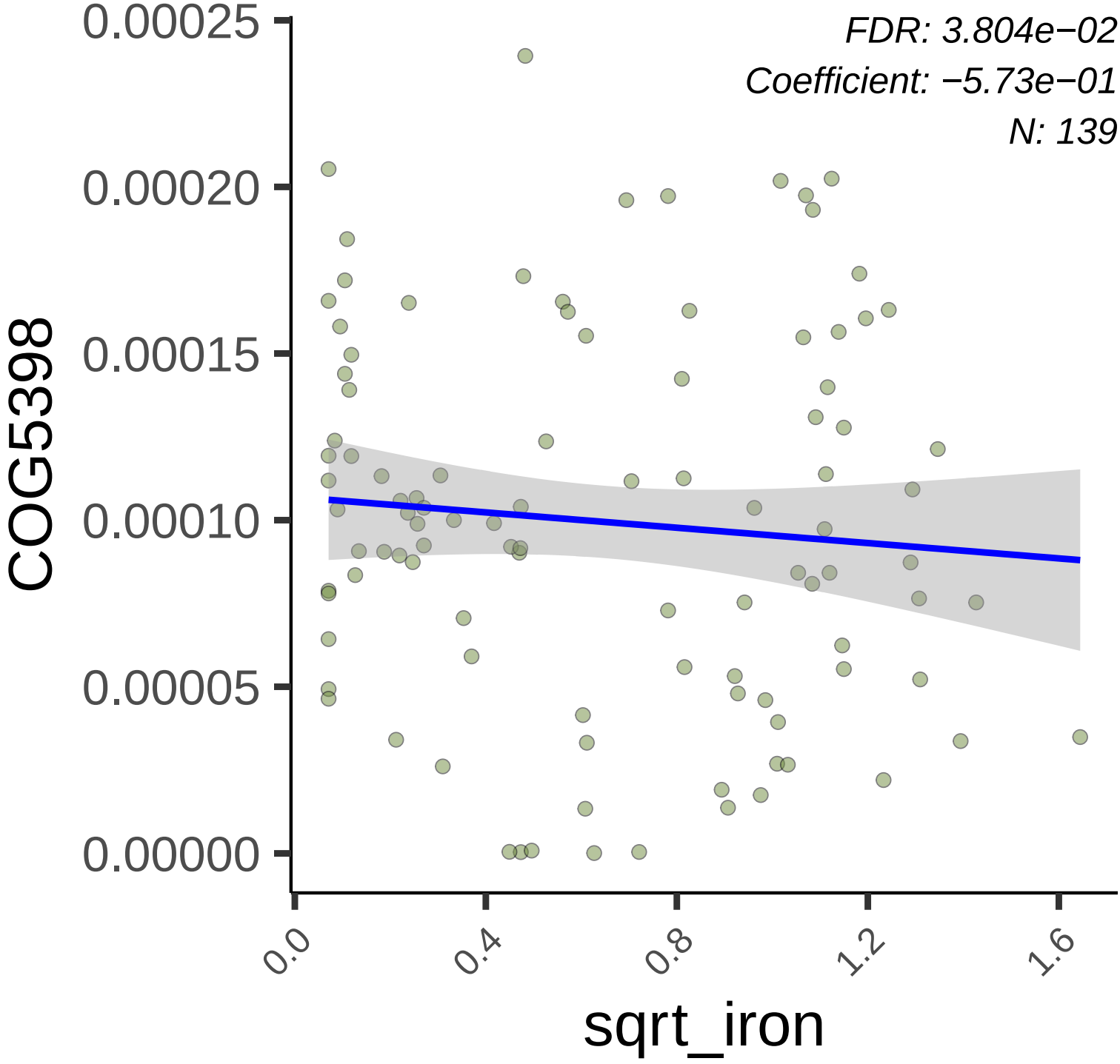
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.802e−02
Coefficient: 3.65e−01
N: 139
COG2986
2e−04
1e−04
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.804e−02
Coefficient: −5.73e−01
N: 139
COG5398
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0.00020
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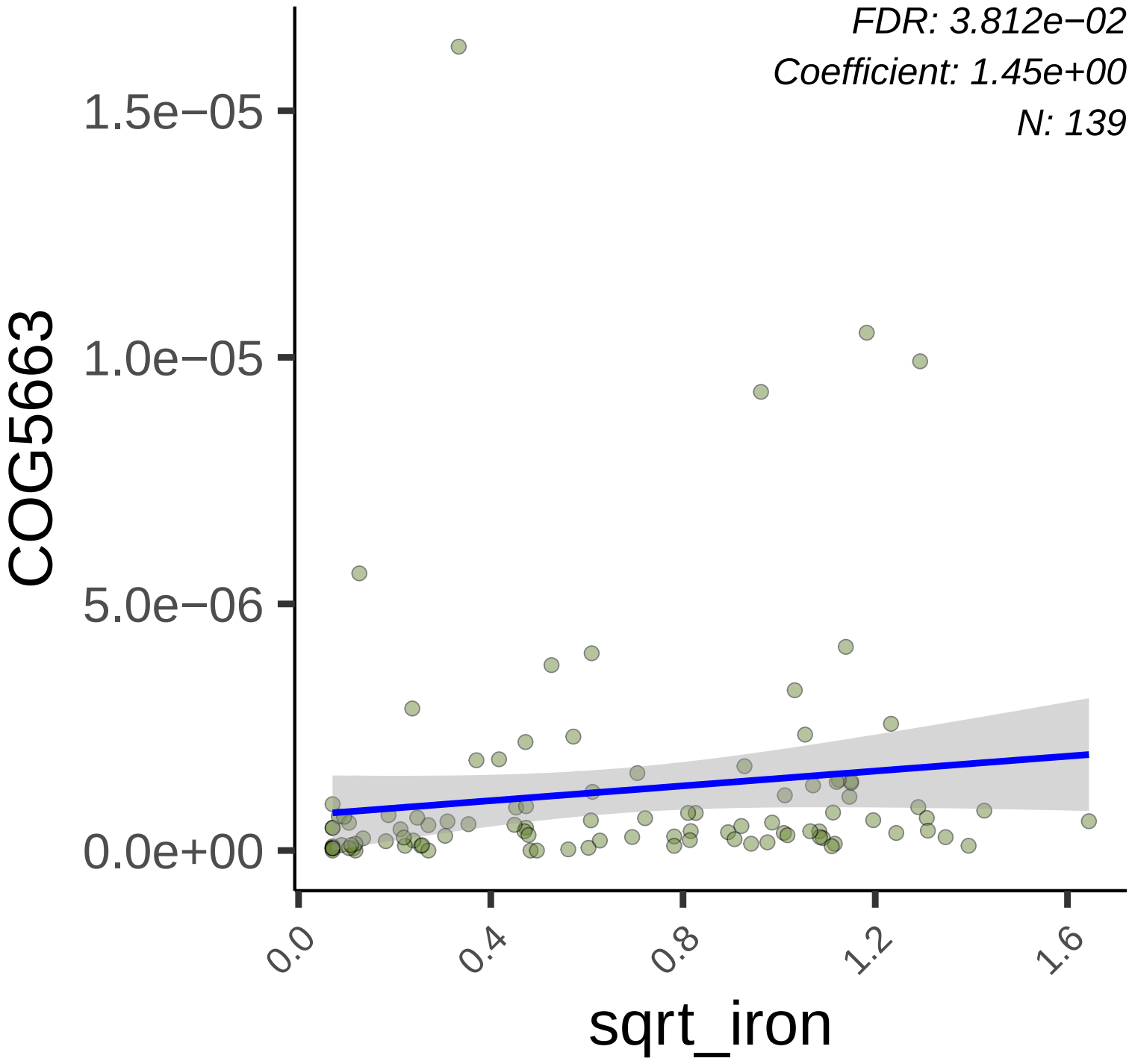
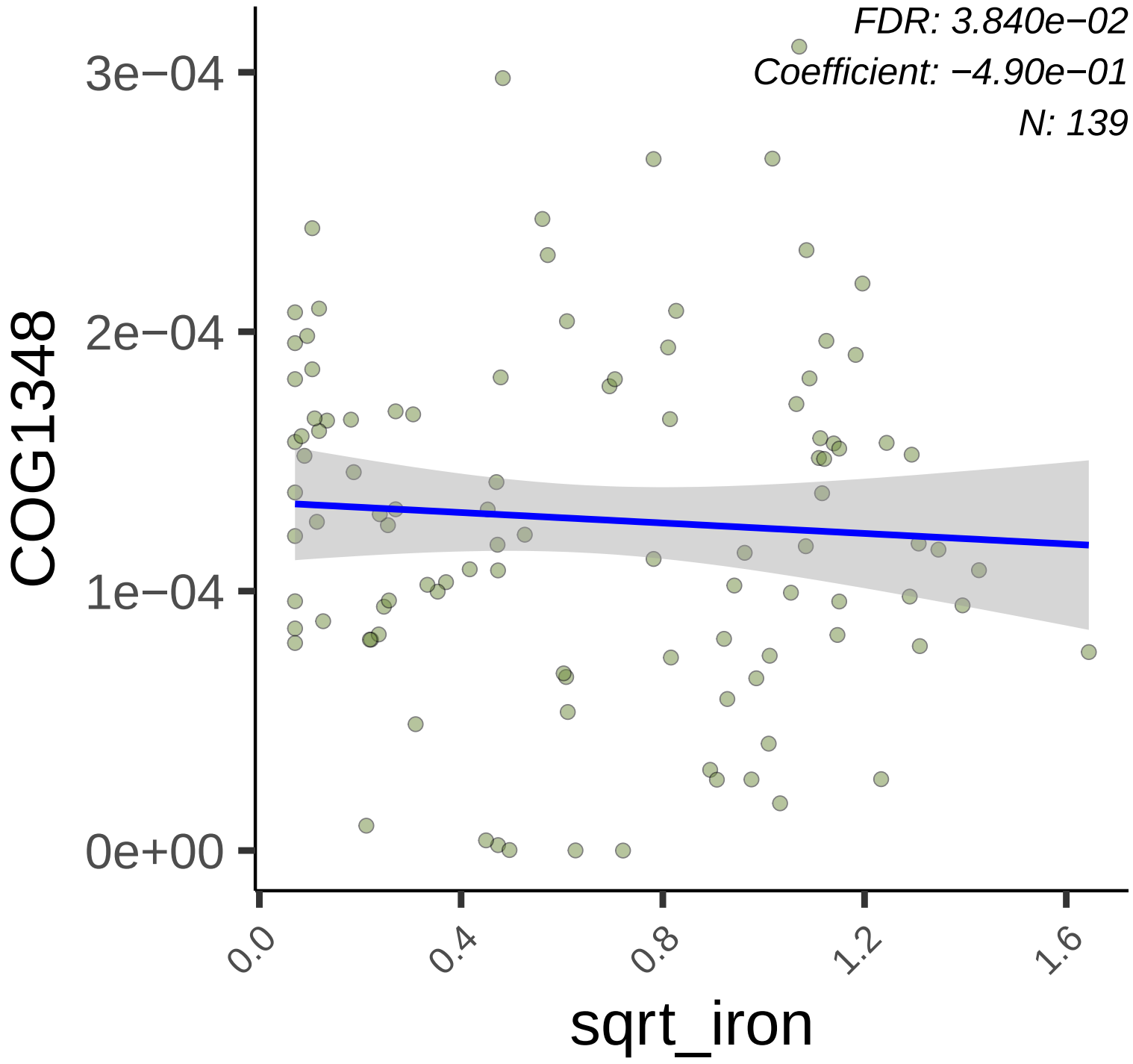
0.00010
0.00005
0.00000
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.812e−02
Coefficient: 1.45e+00
N: 139
COG5663
1.5e−05
1.0e−05
5.0e−06
0.0e+00
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.840e−02
Coefficient: −4.90e−01
N: 139
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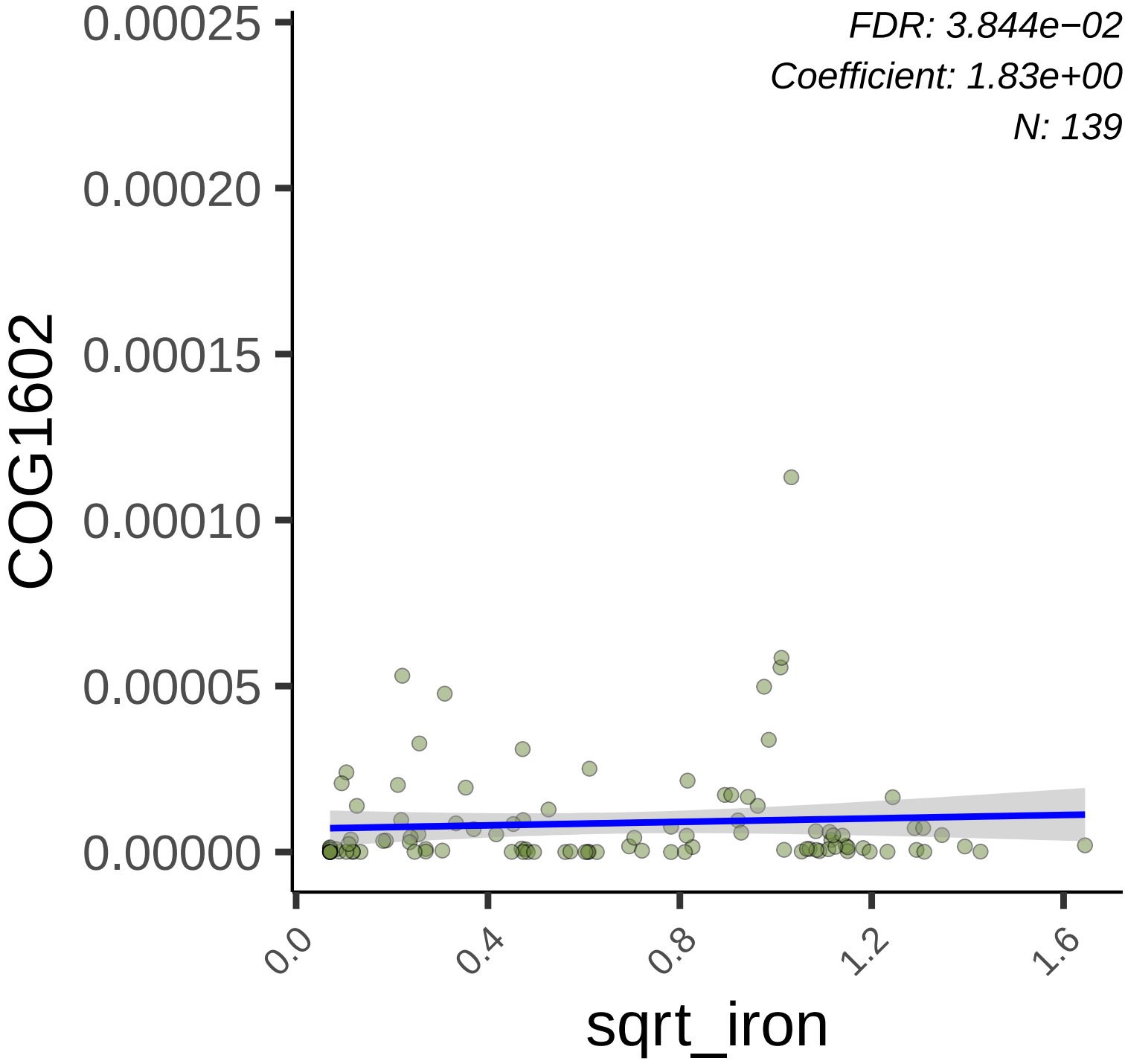
1e−04
0e+00
COG1348
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.844e−02
Coefficient: 1.83e+00
N: 139
COG1602
0.00025
0.00020
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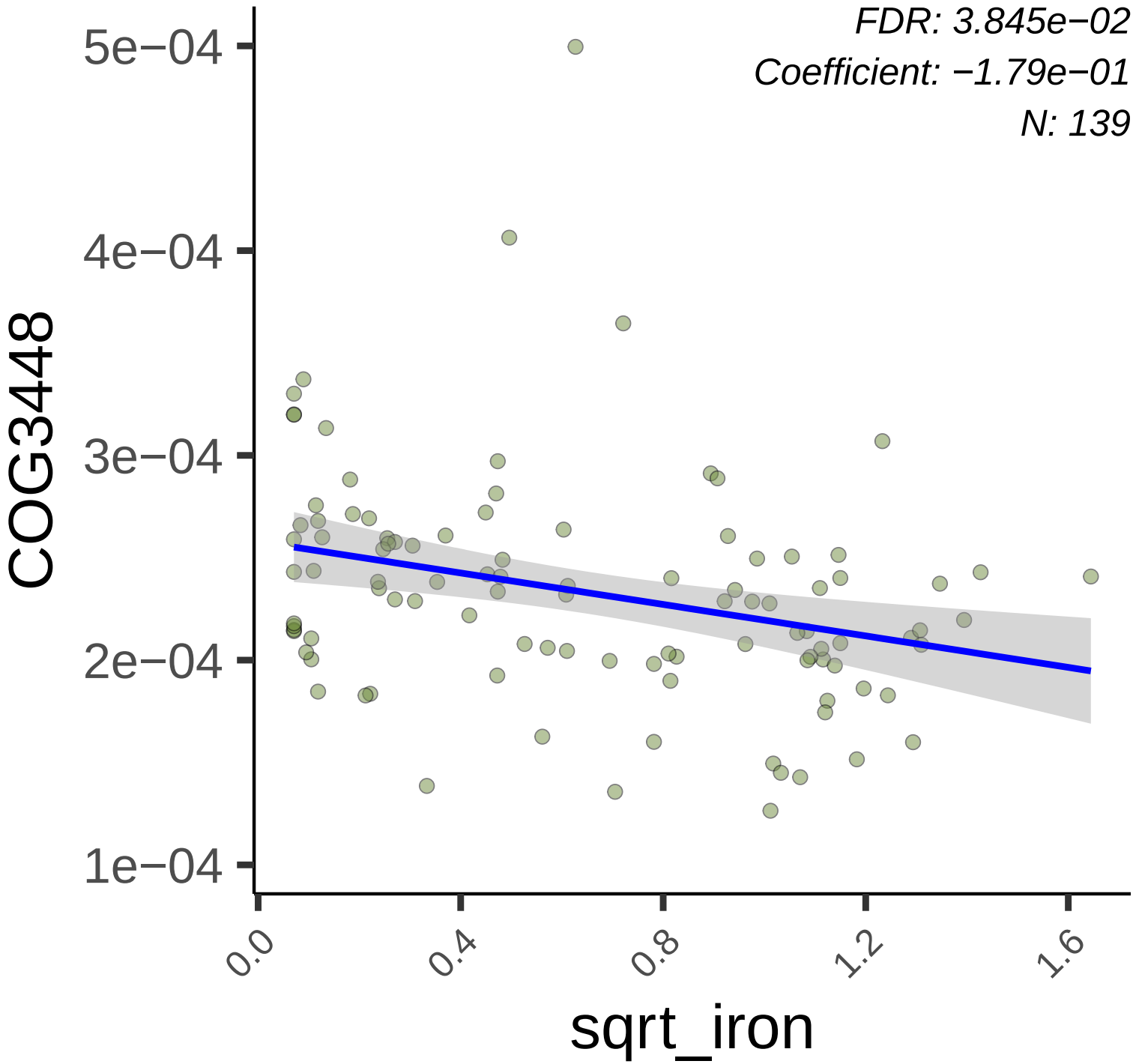
0.00010
0.00005
0.00000
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.845e−02
Coefficient: −1.79e−01
N: 139
COG3448
5e−04
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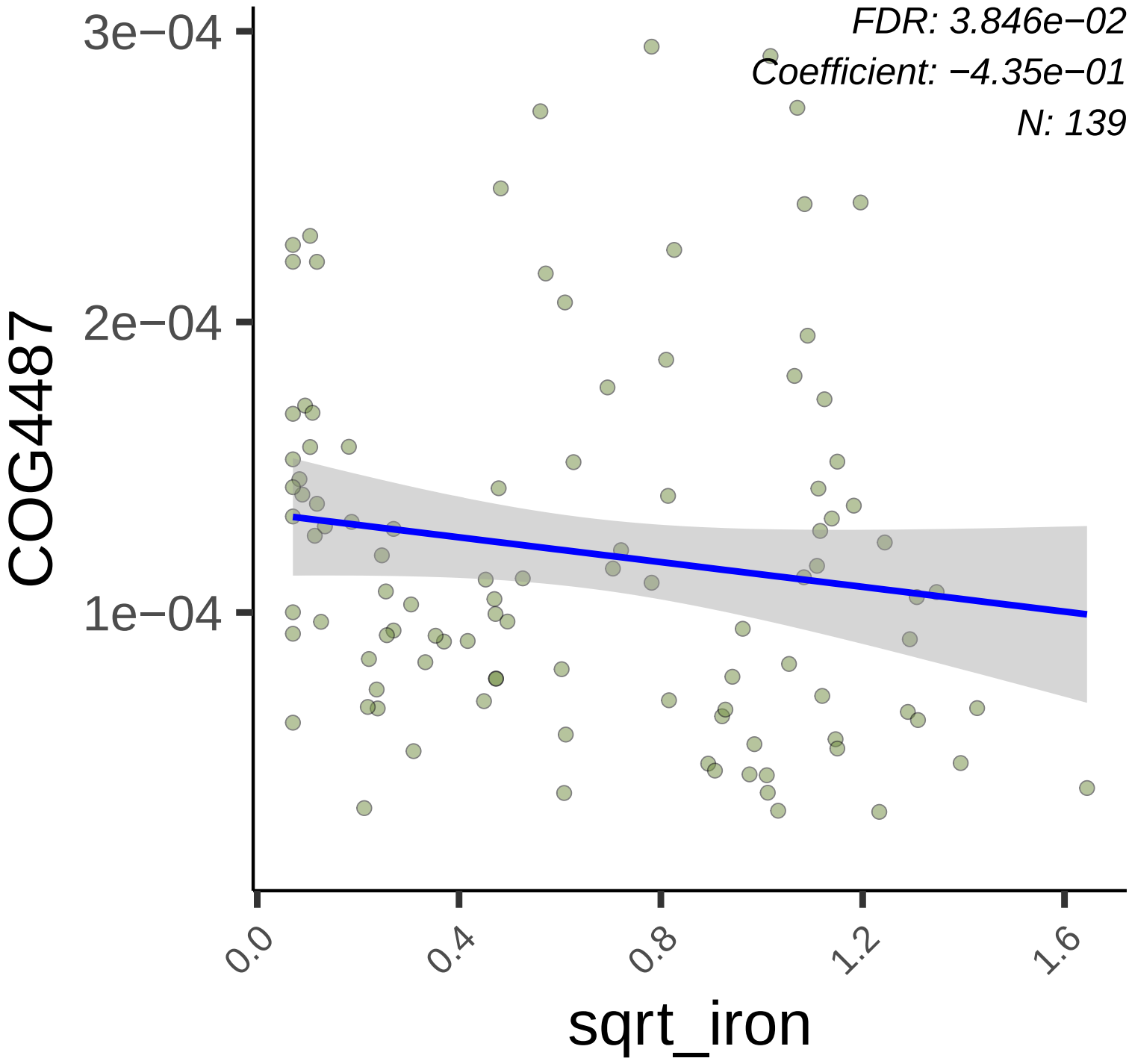
3e−04
2e−04
1e−04
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.846e−02
Coefficient: −4.35e−01
N: 139
3e−04
2e−04
1e−04
COG4487
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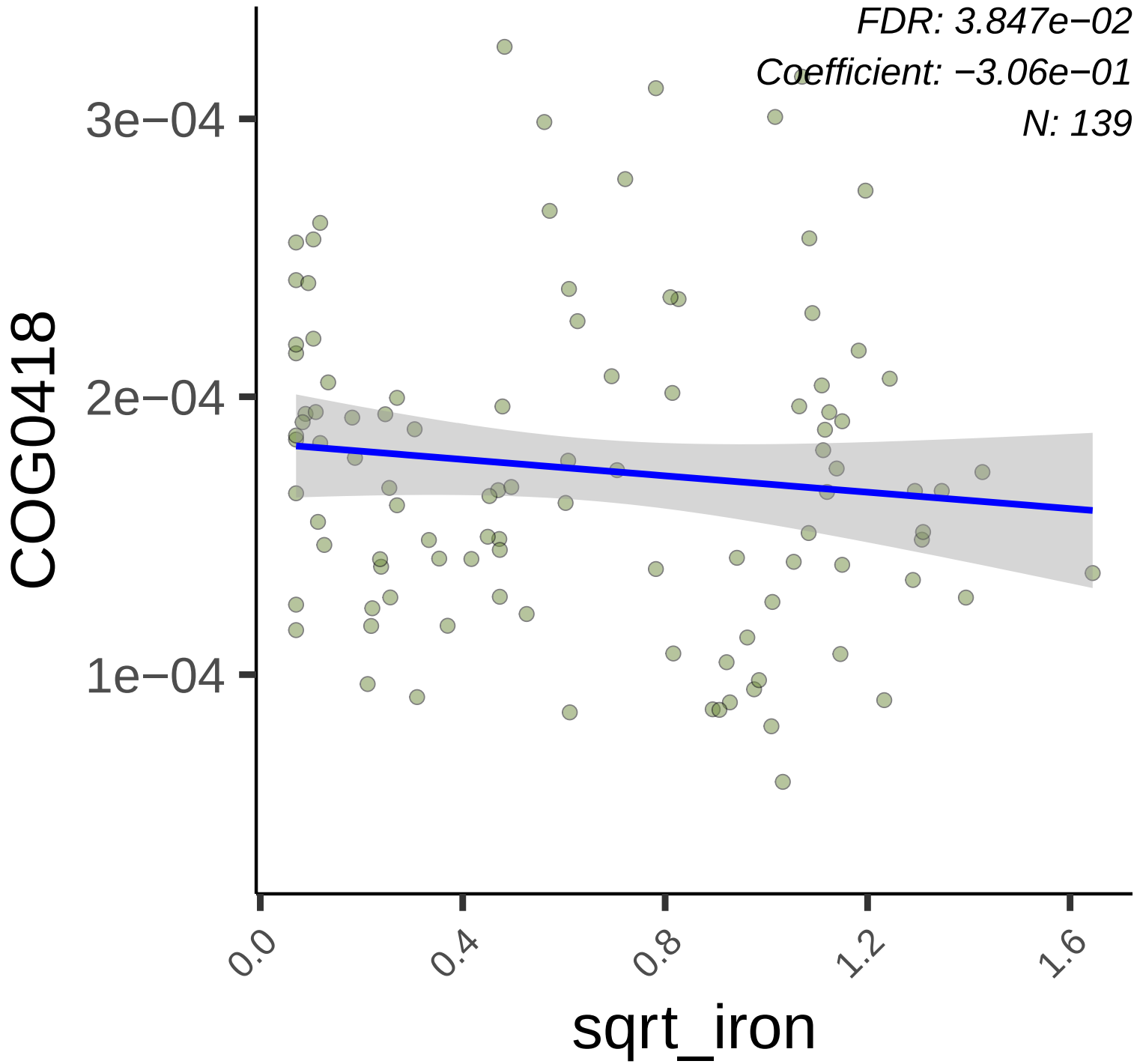
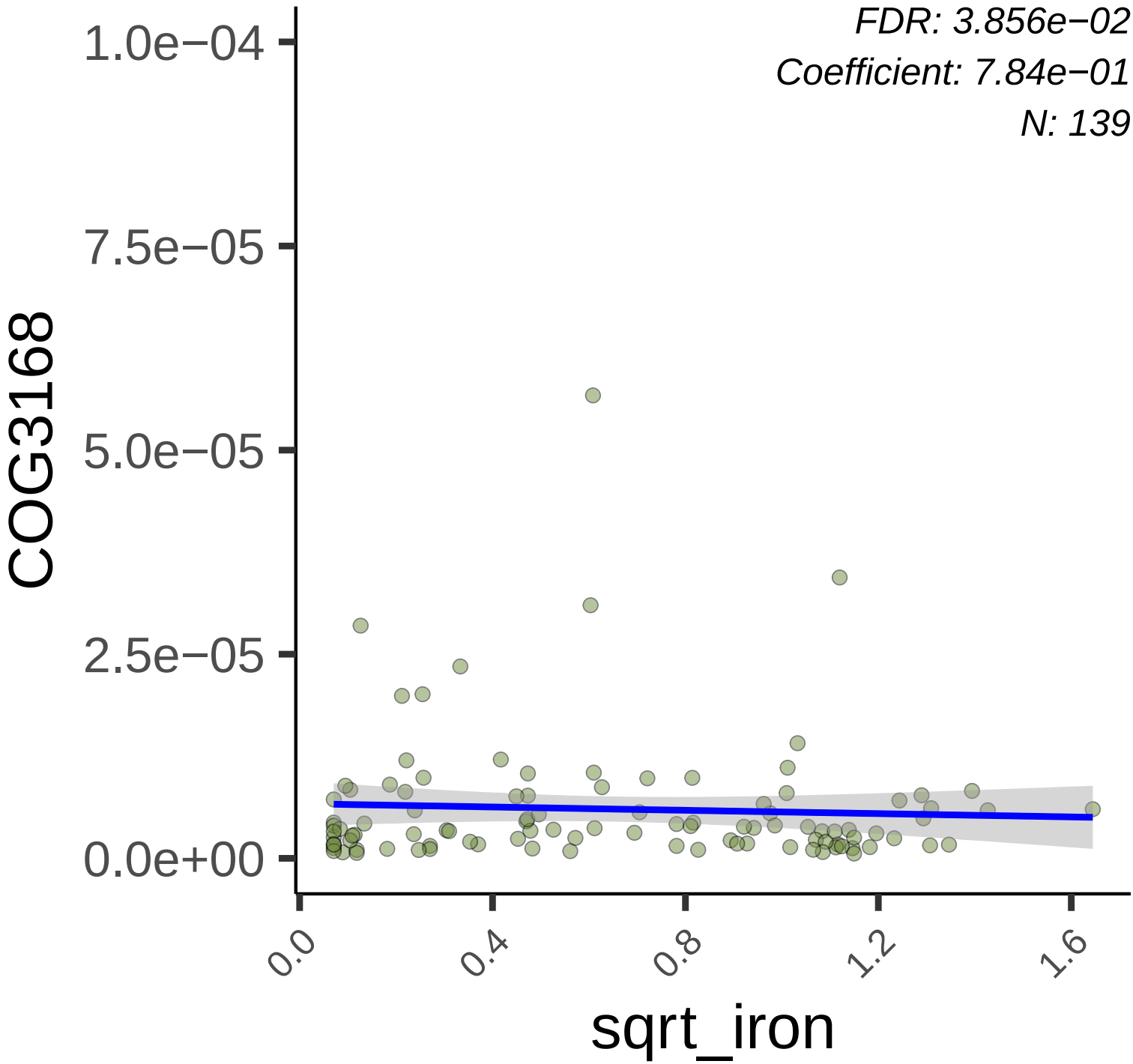
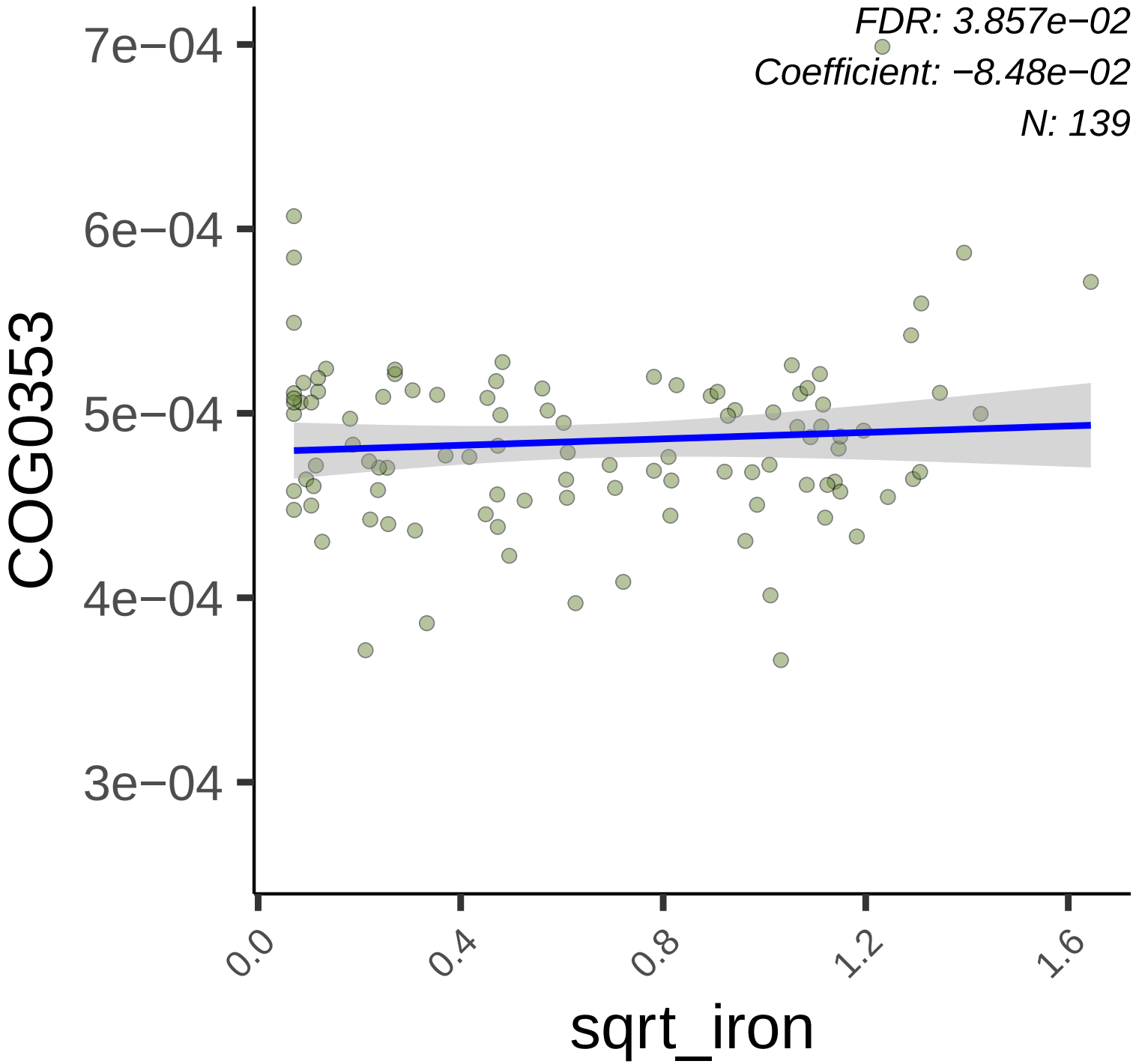
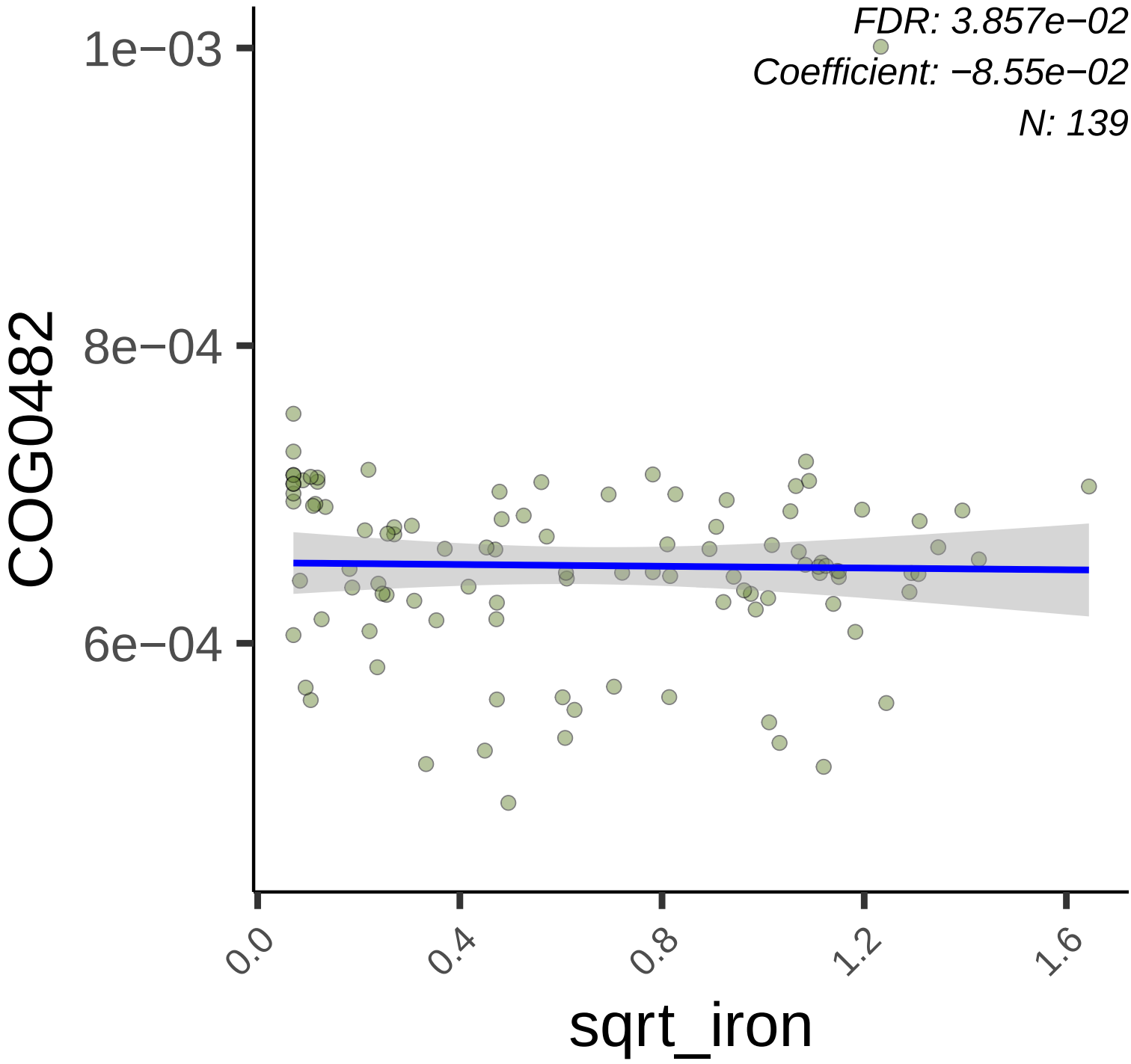
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.847e−02
Coefficient: −3.06e−01
N: 139
3e−04
2e−04
1e−04
COG0418
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.856e−02
Coefficient: 7.84e−01
N: 139
1.0e−04
7.5e−05
5.0e−05
2.5e−05
0.0e+00
COG3168
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.857e−02
Coefficient: −8.48e−02
N: 139
7e−04
6e−04
5e−04
4e−04
3e−04
COG0353
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.857e−02
Coefficient: −8.55e−02
N: 139
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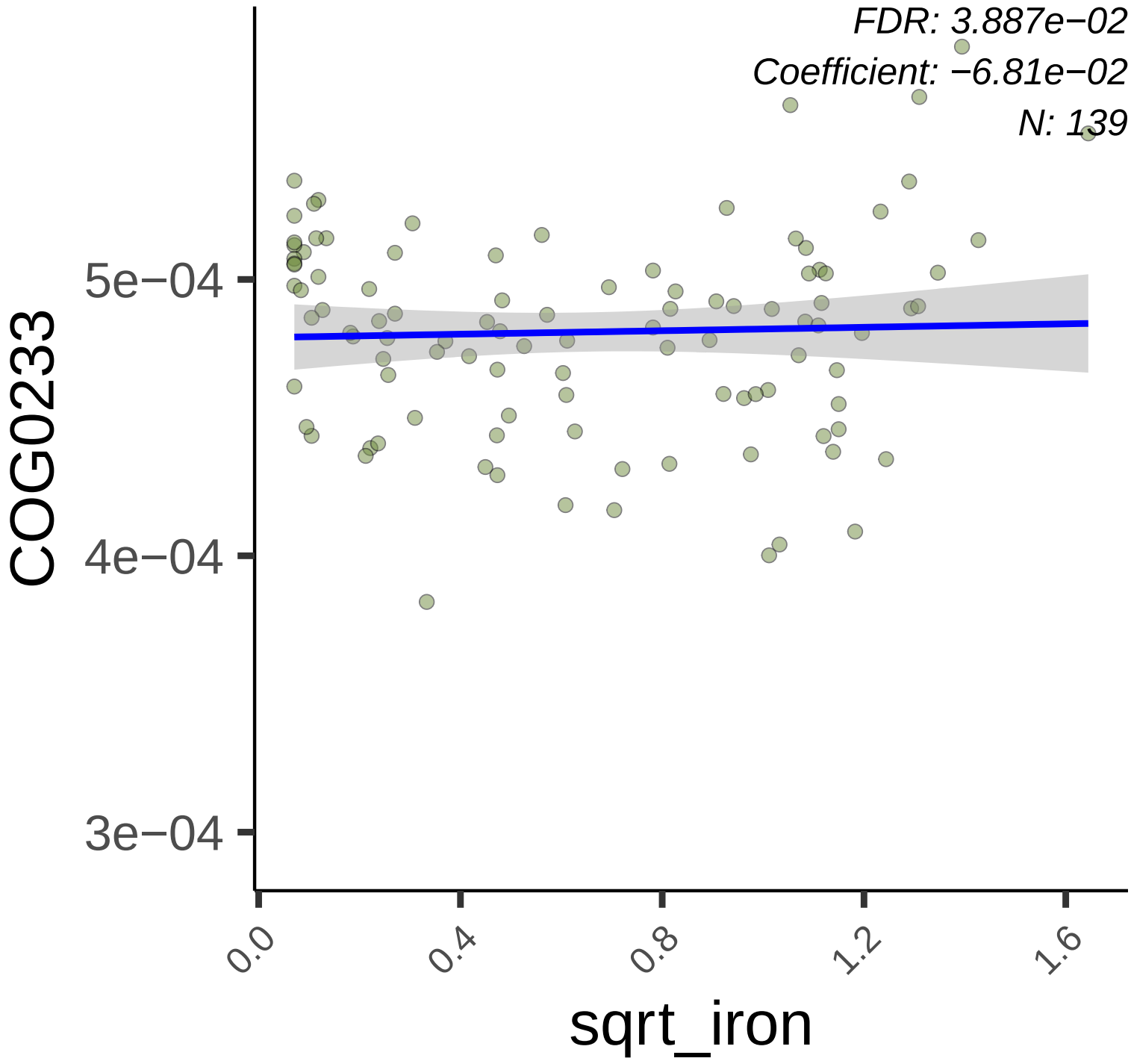
8e−04
6e−04
COG0482
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.887e−02
Coefficient: −6.81e−02
N: 139
COG0233
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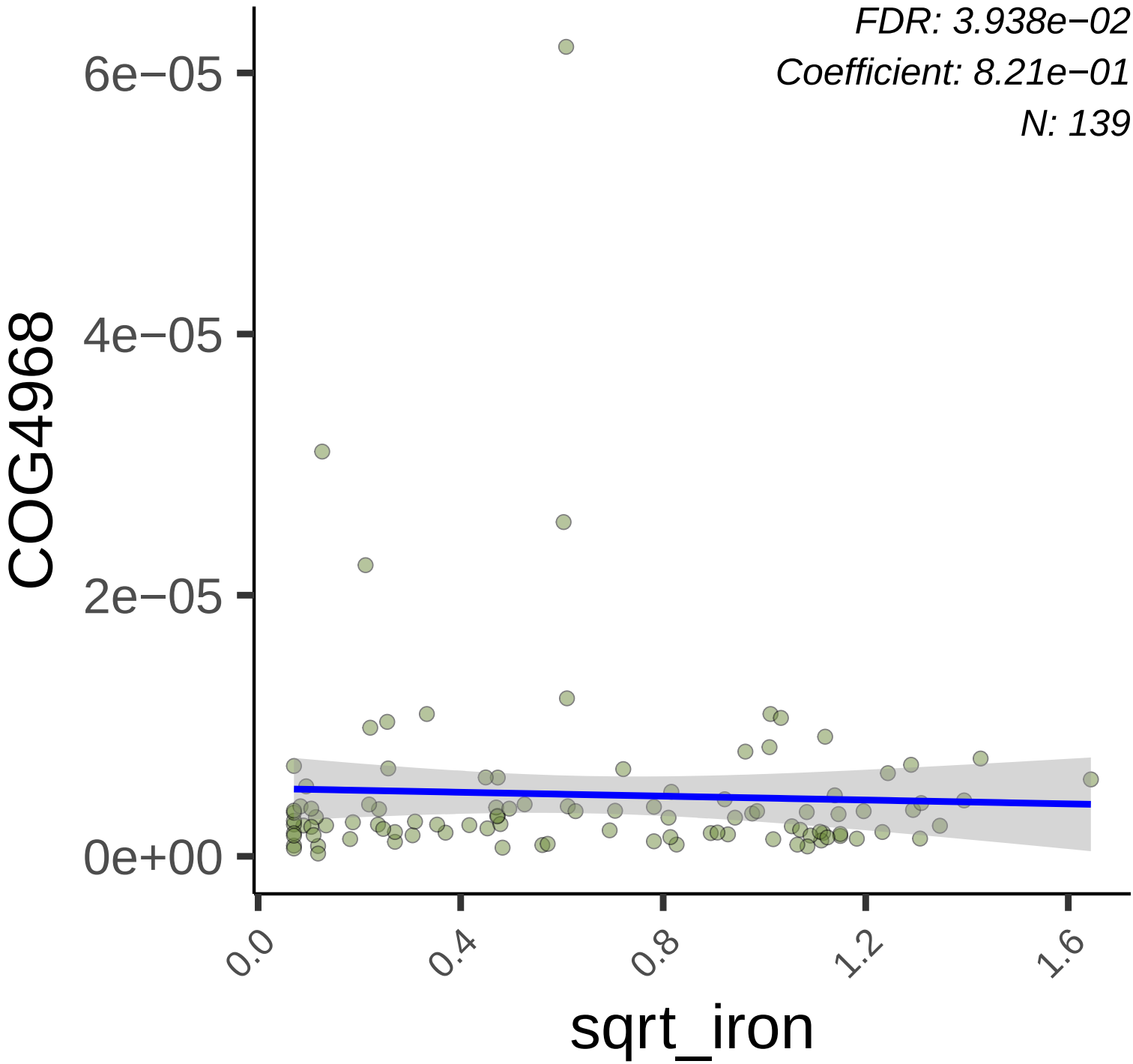
4e−04
3e−04
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.938e−02
Coefficient: 8.21e−01
N: 139
COG4968
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4e−05
2e−05
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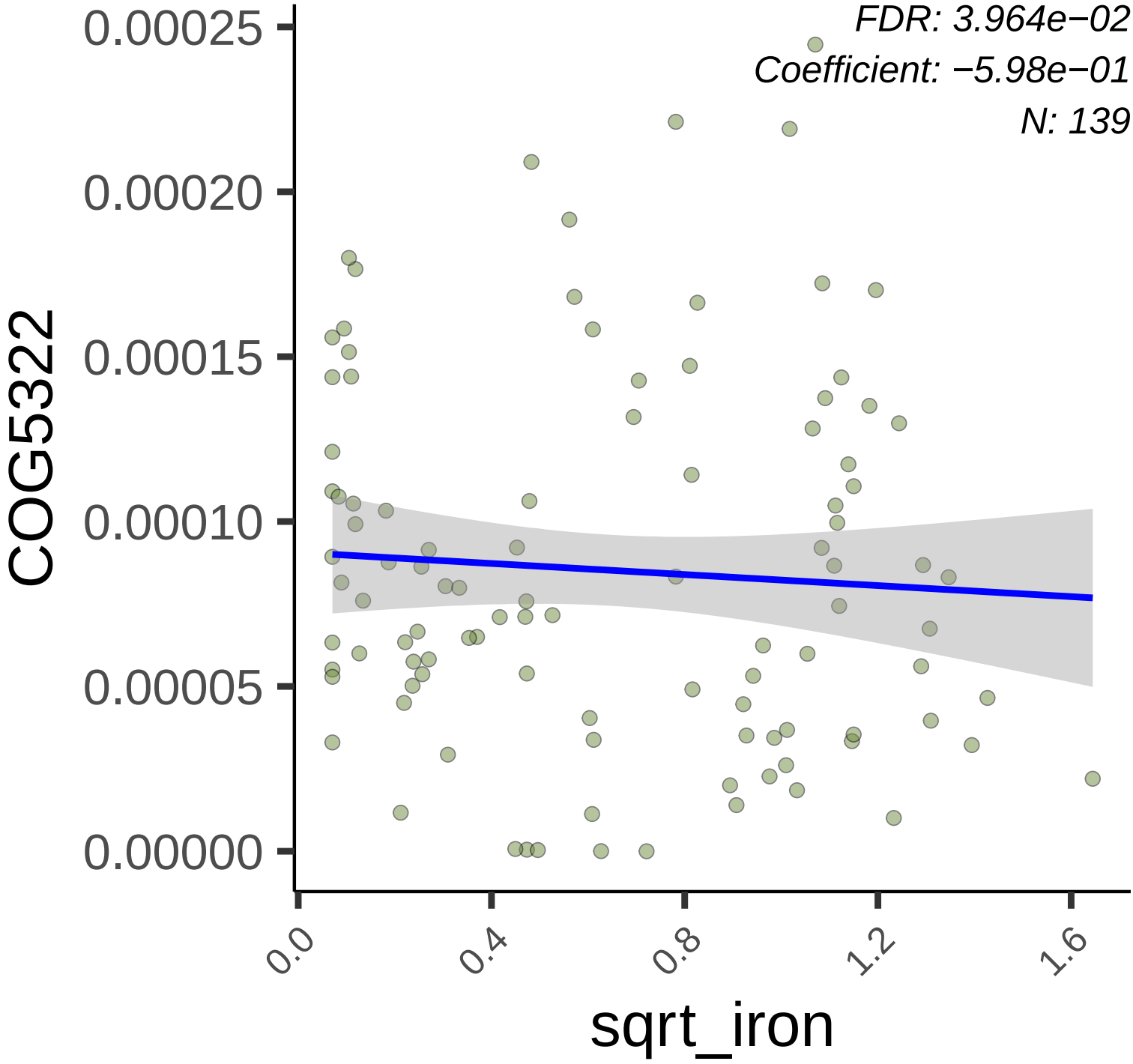
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.964e−02
Coefficient: −5.98e−01
N: 139
COG5322
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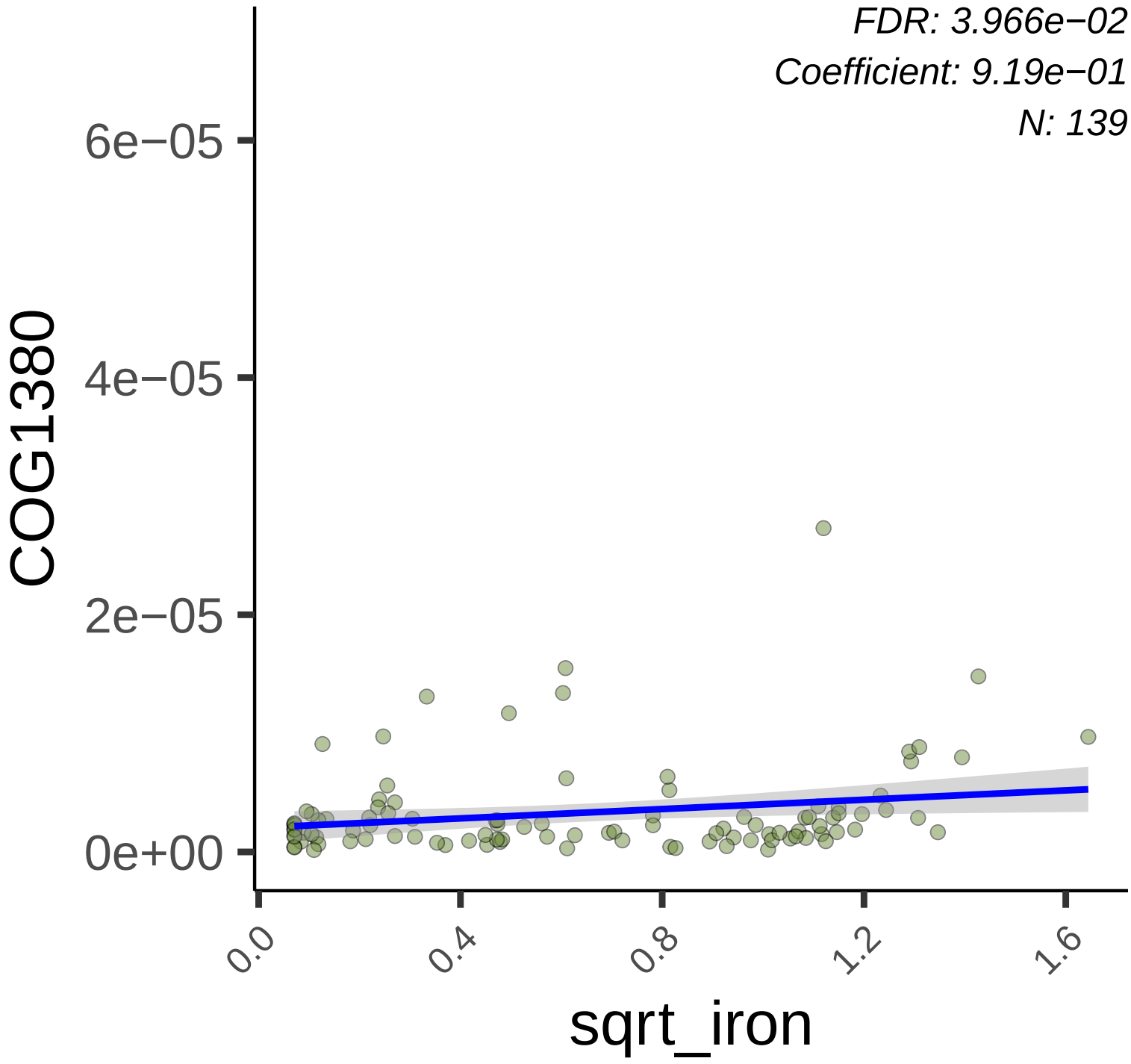
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.966e−02
Coefficient: 9.19e−01
N: 139
COG1380
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4e−05
2e−05
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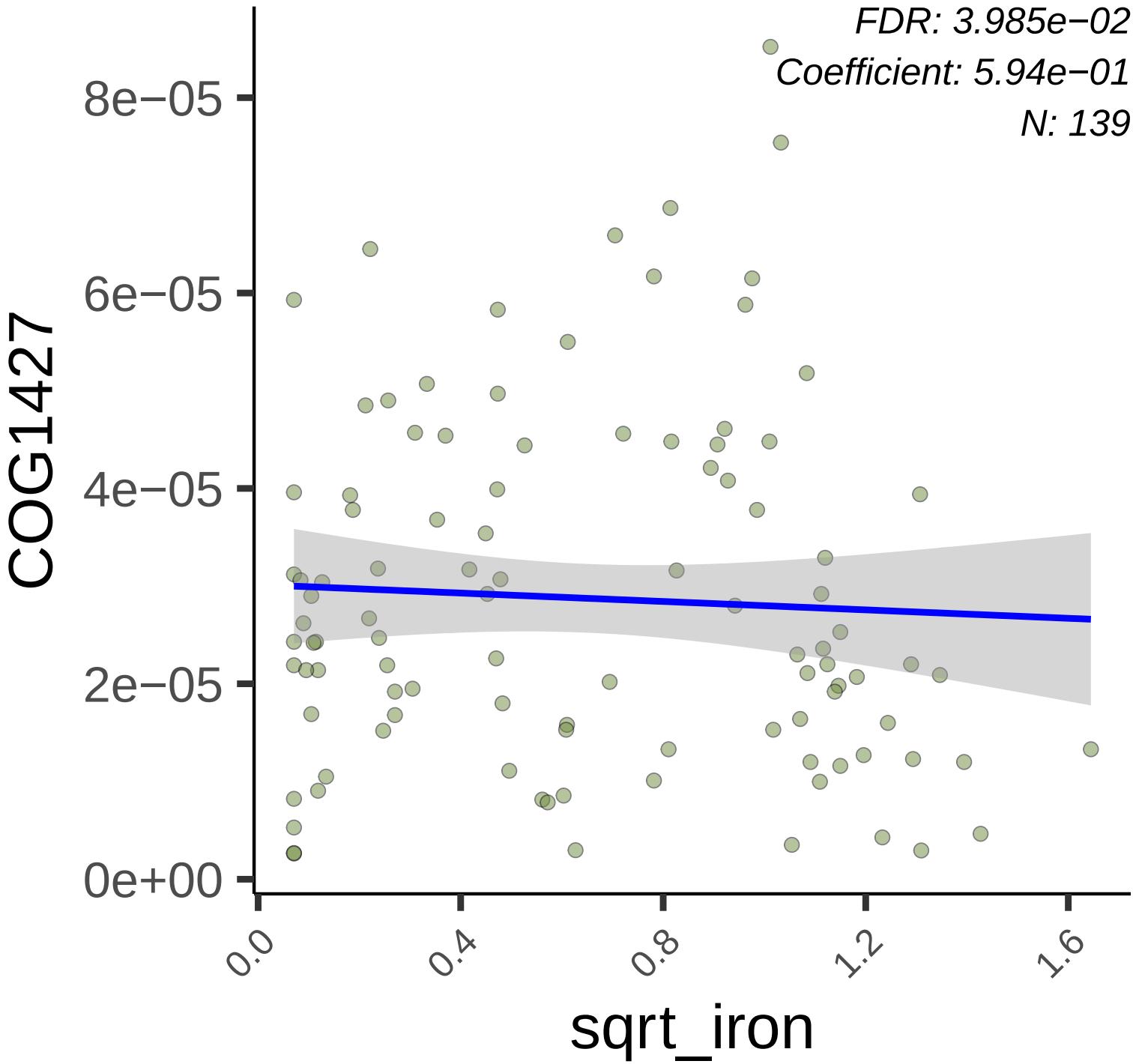
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 3.985e−02
Coefficient: 5.94e−01
N: 139
COG1427
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6e−05
4e−05
2e−05
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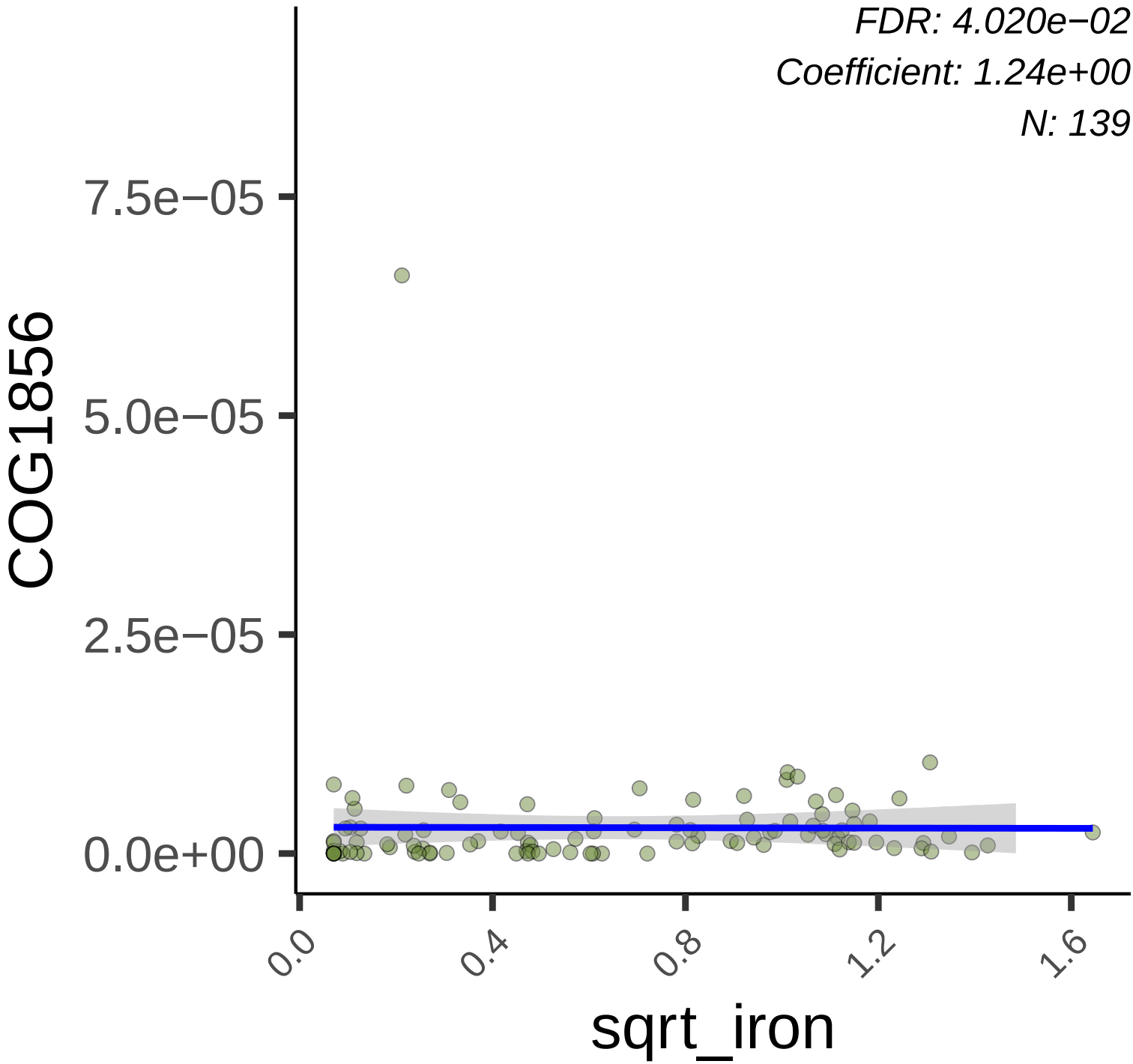
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.020e−02
Coefficient: 1.24e+00
N: 139
COG1856
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2.5e−05
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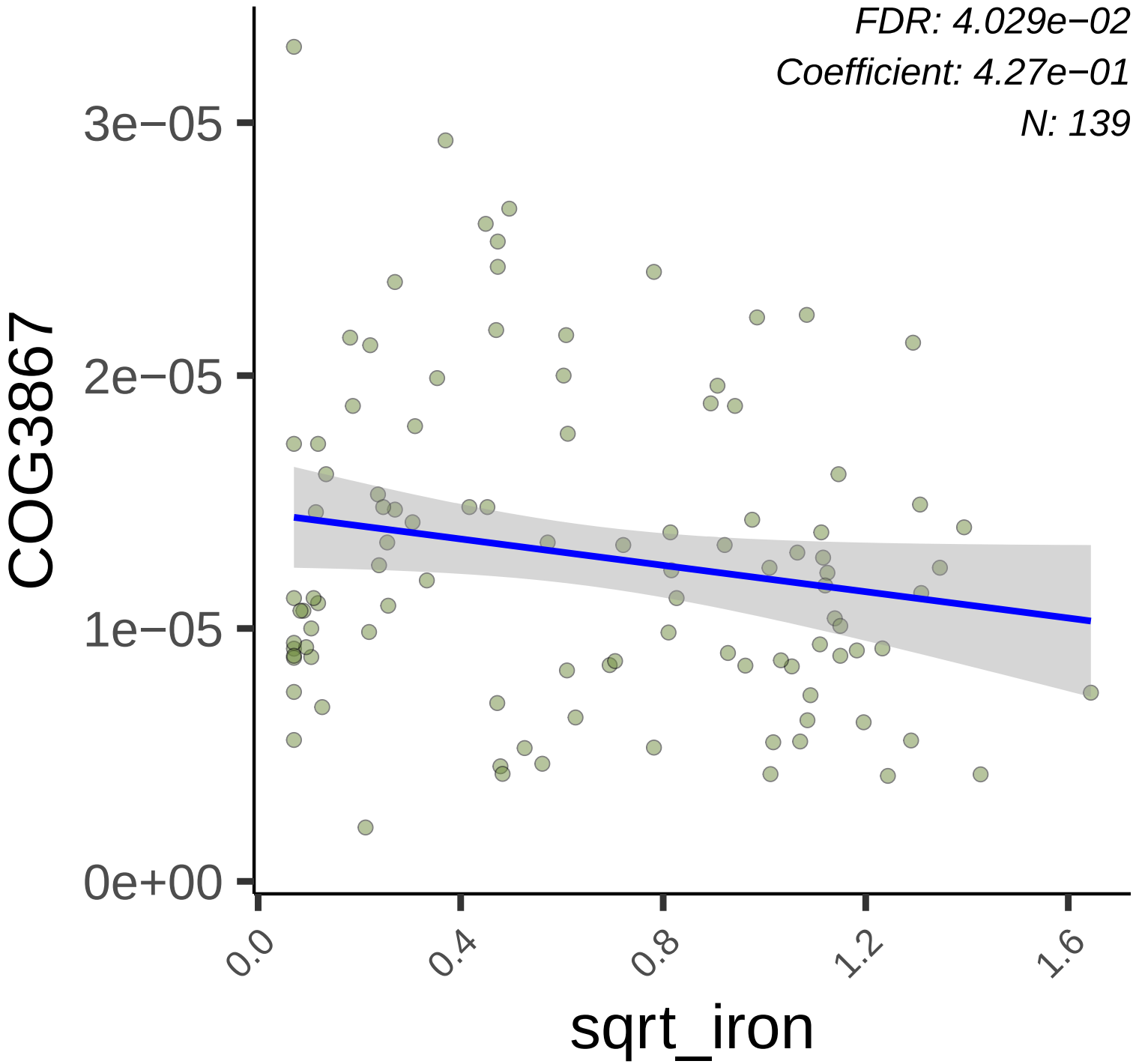
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.029e−02
Coefficient: 4.27e−01
N: 139
COG3867
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2e−05
1e−05
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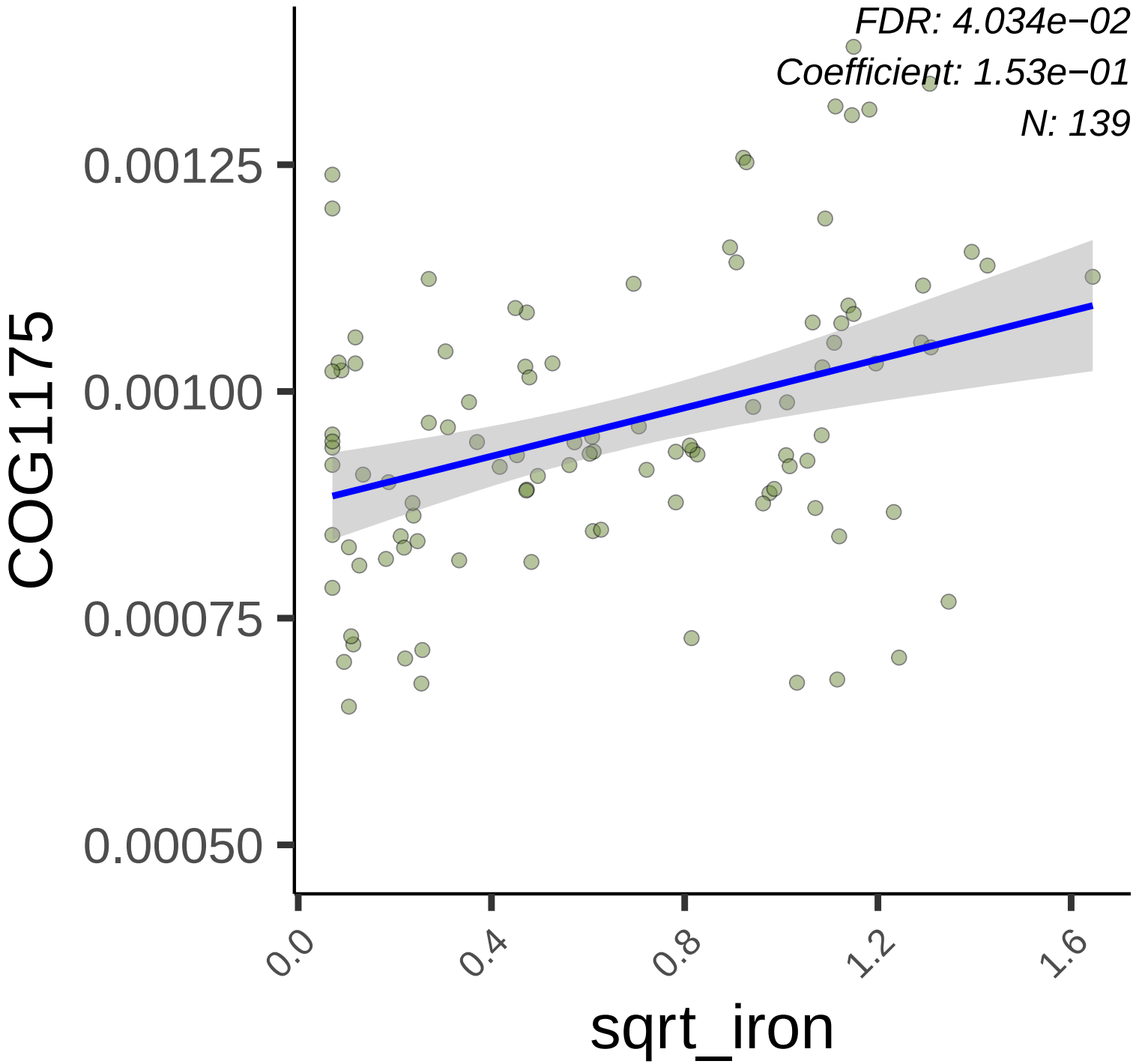
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.034e−02
Coefficient: 1.53e−01
N: 139
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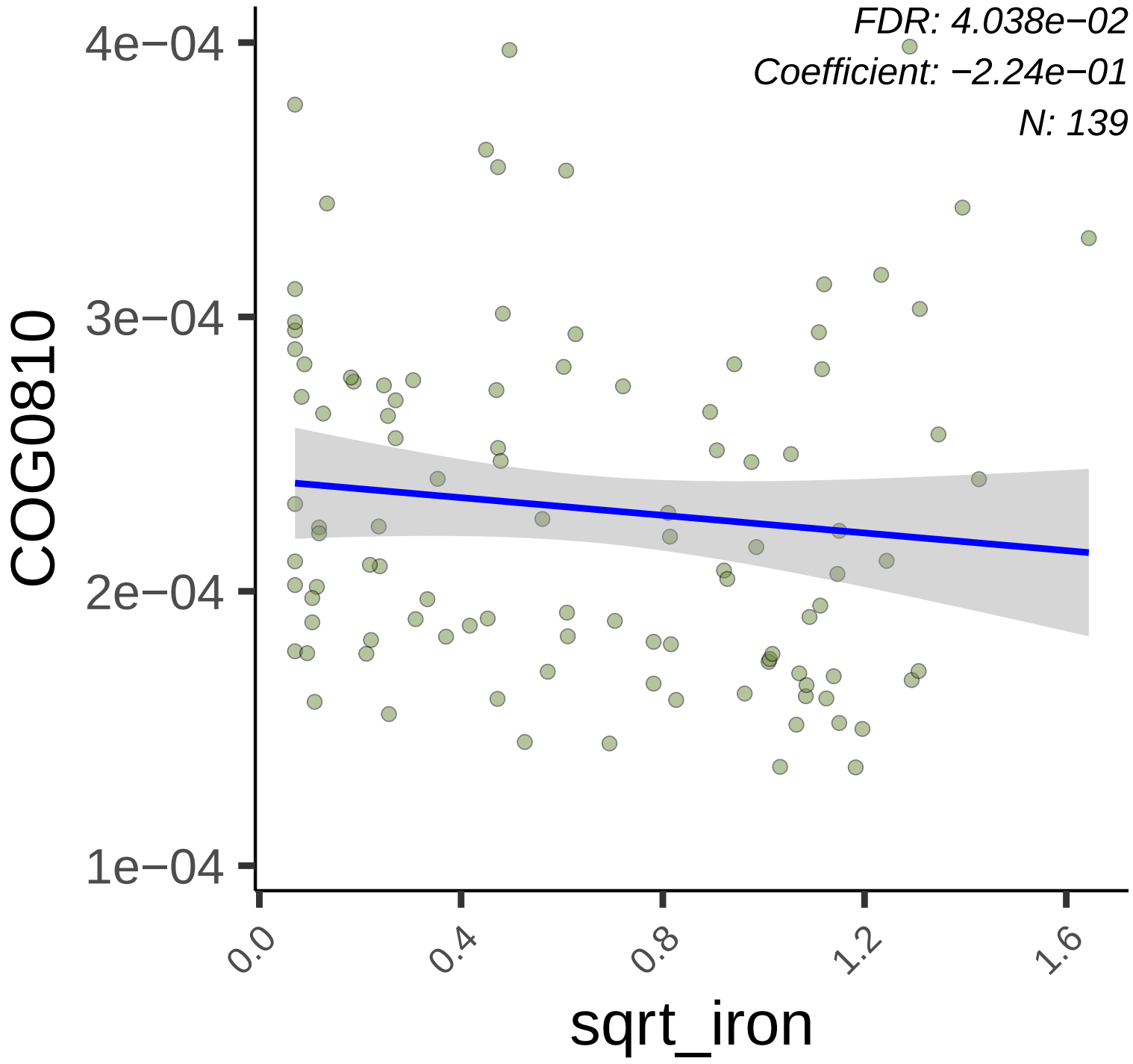
0.8
1.2
1.6
sqrt_iron


FDR: 4.038e−02
Coefficient: −2.24e−01
N: 139
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3e−04
2e−04
1e−04
COG0810
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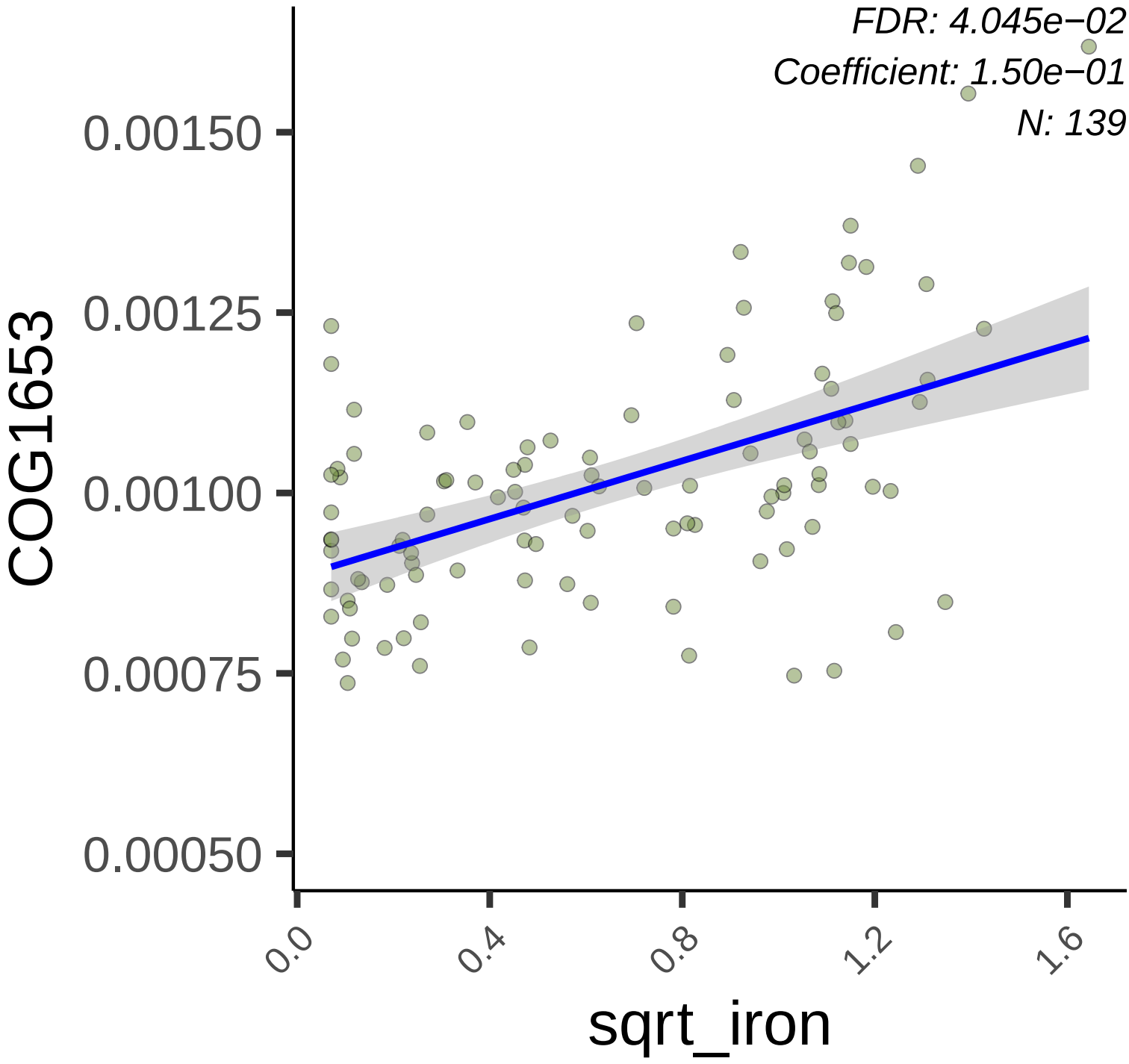
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.045e−02
Coefficient: 1.50e−01
N: 139
COG1653
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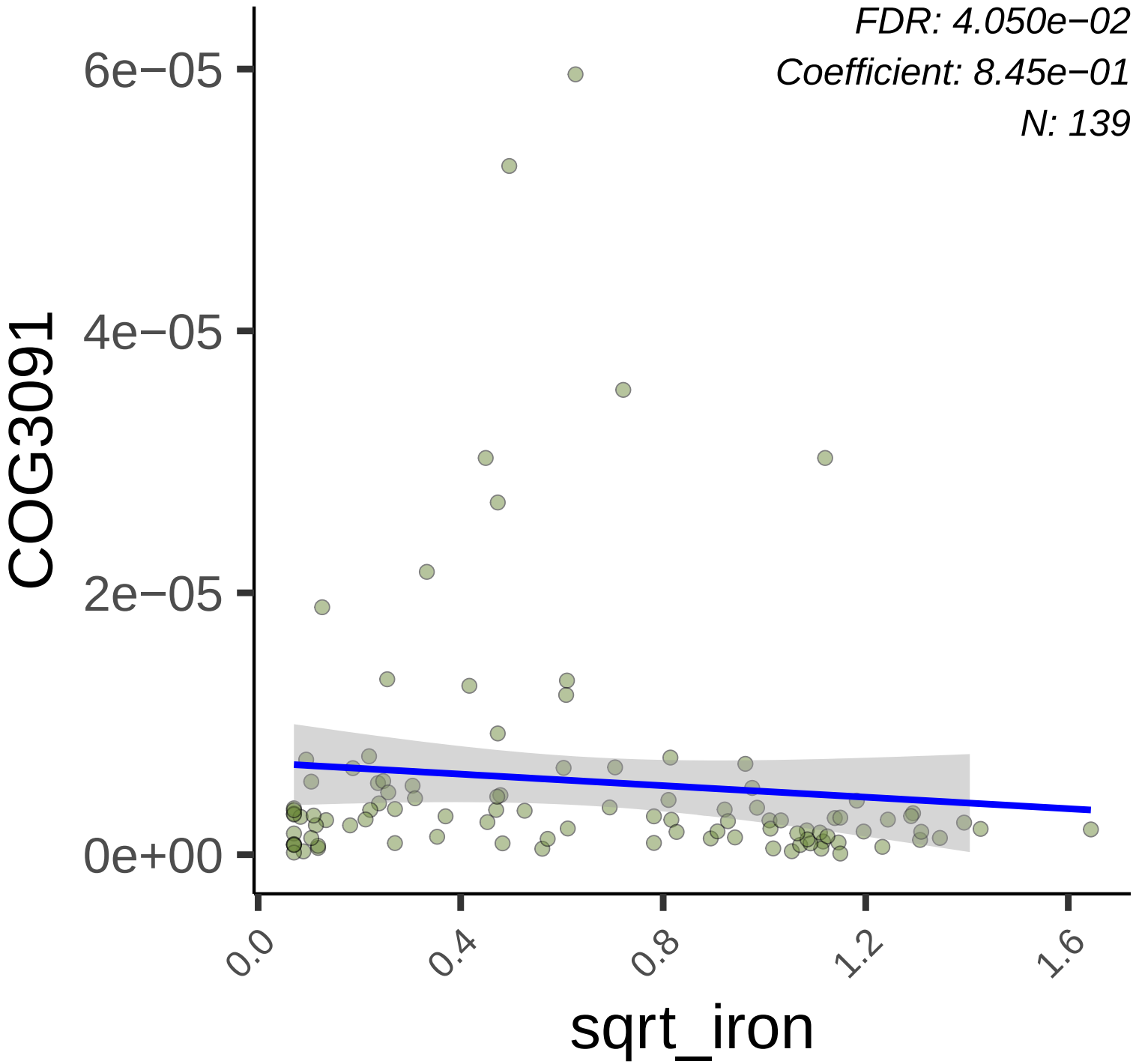
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.050e−02
Coefficient: 8.45e−01
N: 139
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2e−05
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0.4
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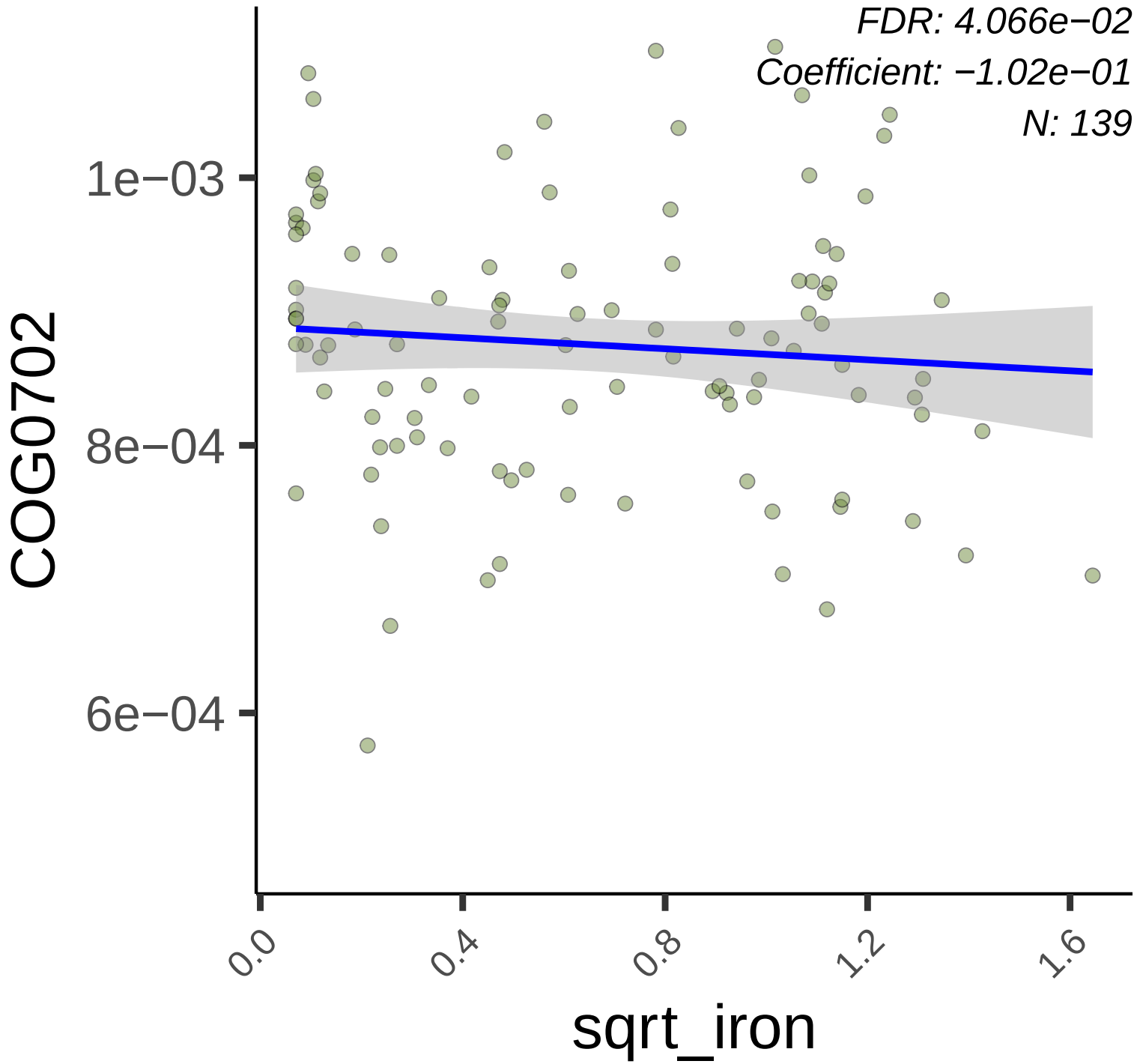
1.2
1.6
sqrt_iron


FDR: 4.066e−02
Coefficient: −1.02e−01
N: 139
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8e−04
6e−04
COG0702
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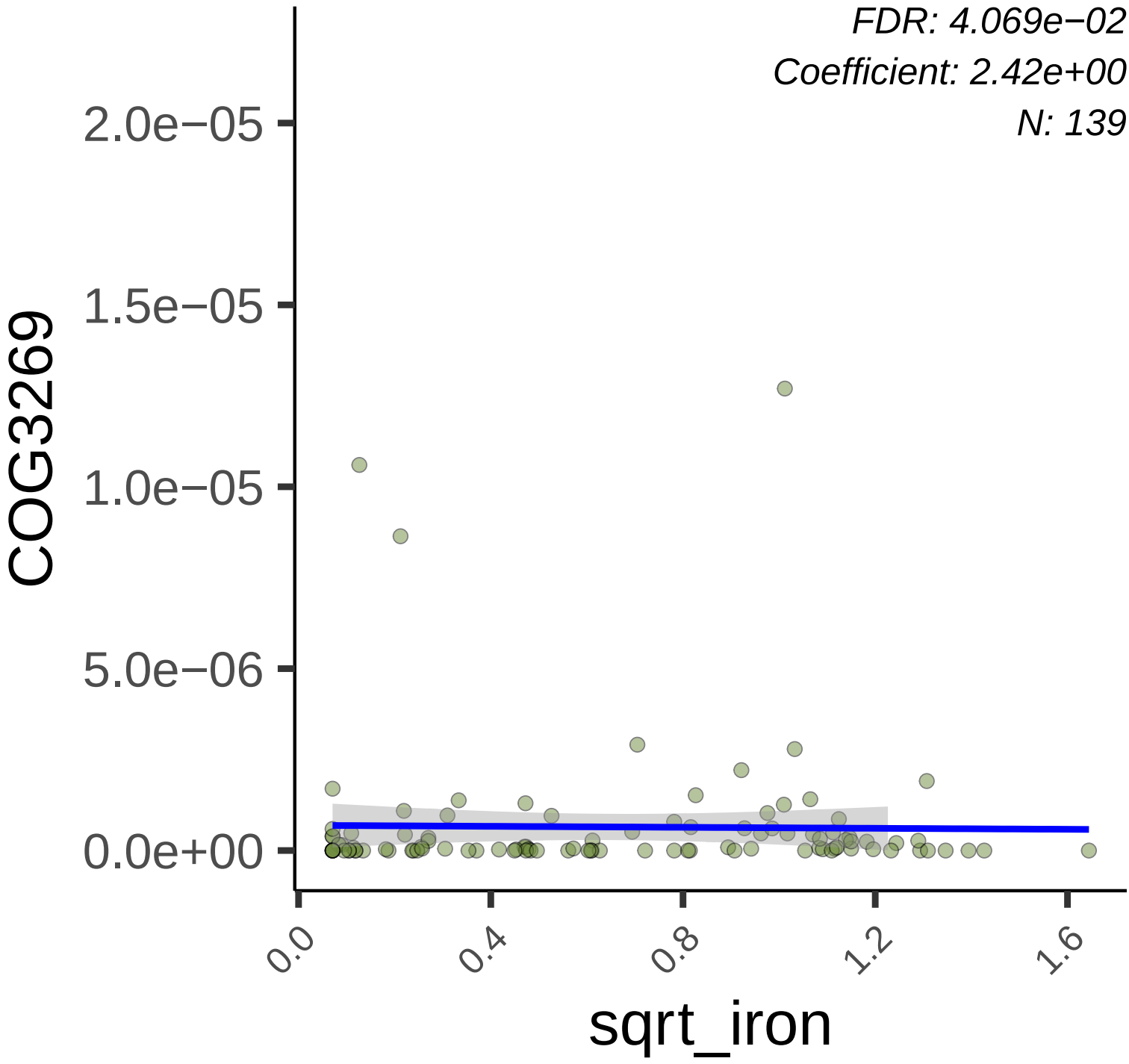
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.069e−02
Coefficient: 2.42e+00
N: 139
COG3269
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5.0e−06
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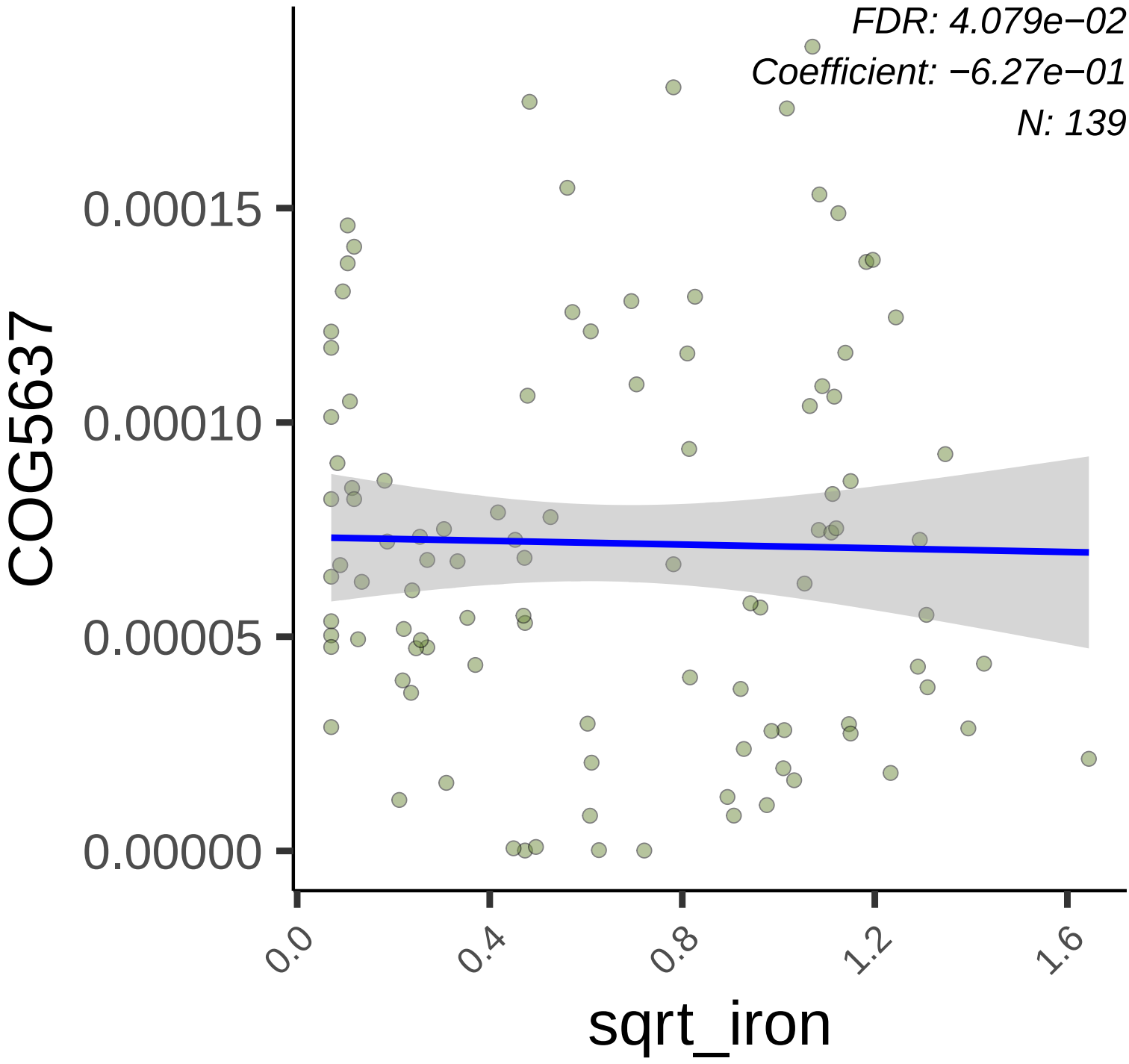
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.079e−02
Coefficient: −6.27e−01
N: 139
COG5637
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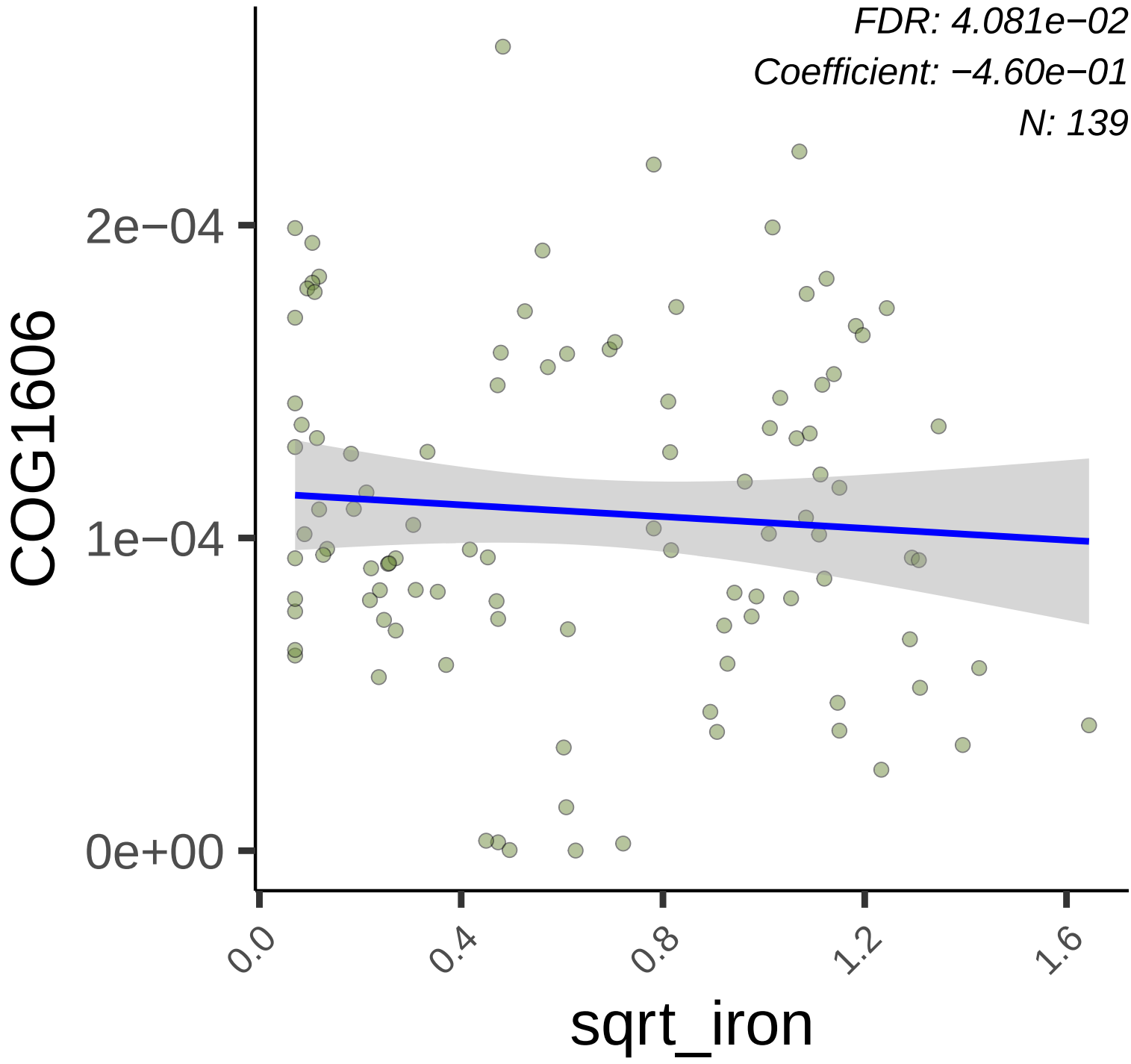
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.081e−02
Coefficient: −4.60e−01
N: 139
COG1606
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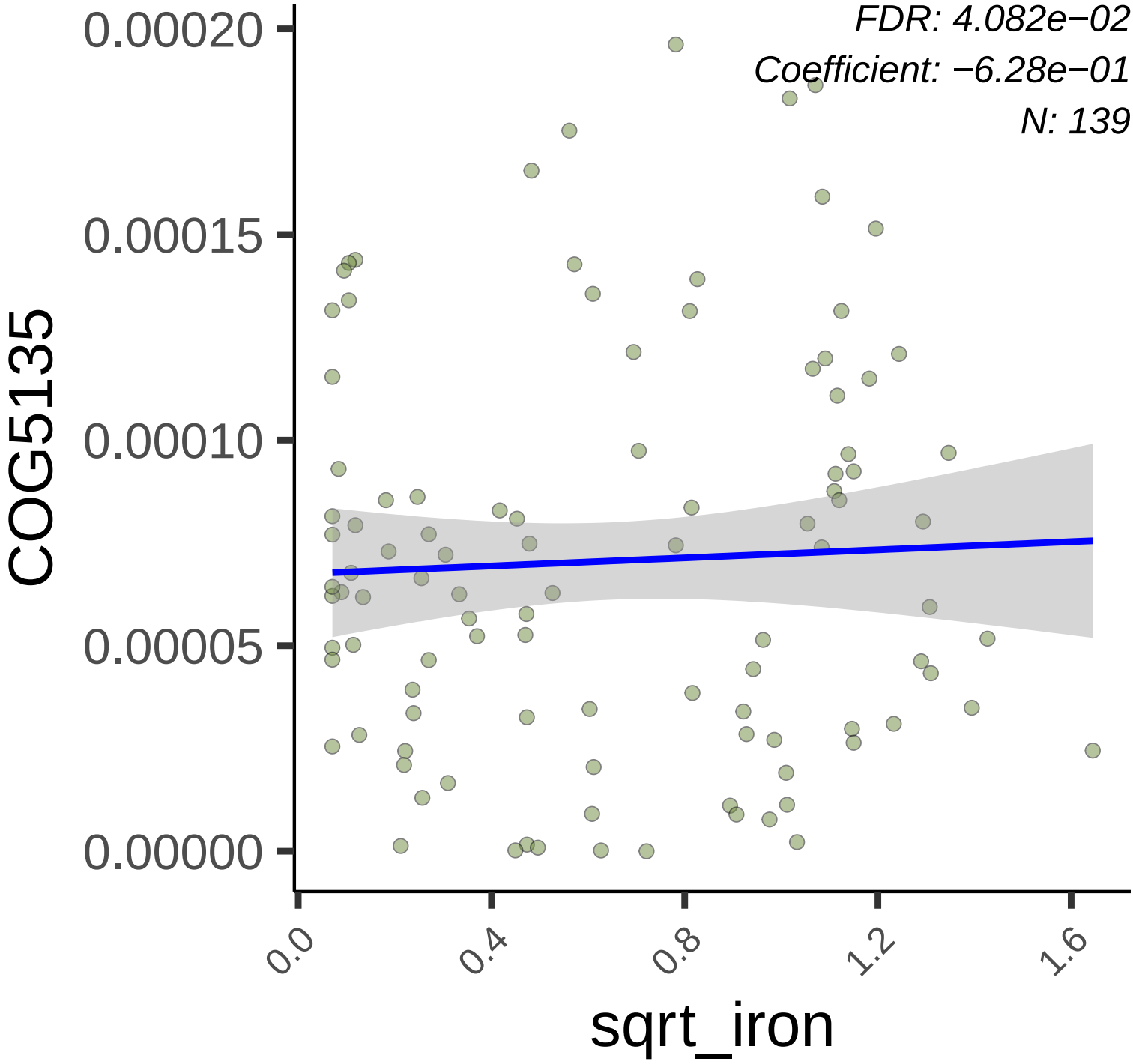
1e−04
0e+00
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.082e−02
Coefficient: −6.28e−01
N: 139
COG5135
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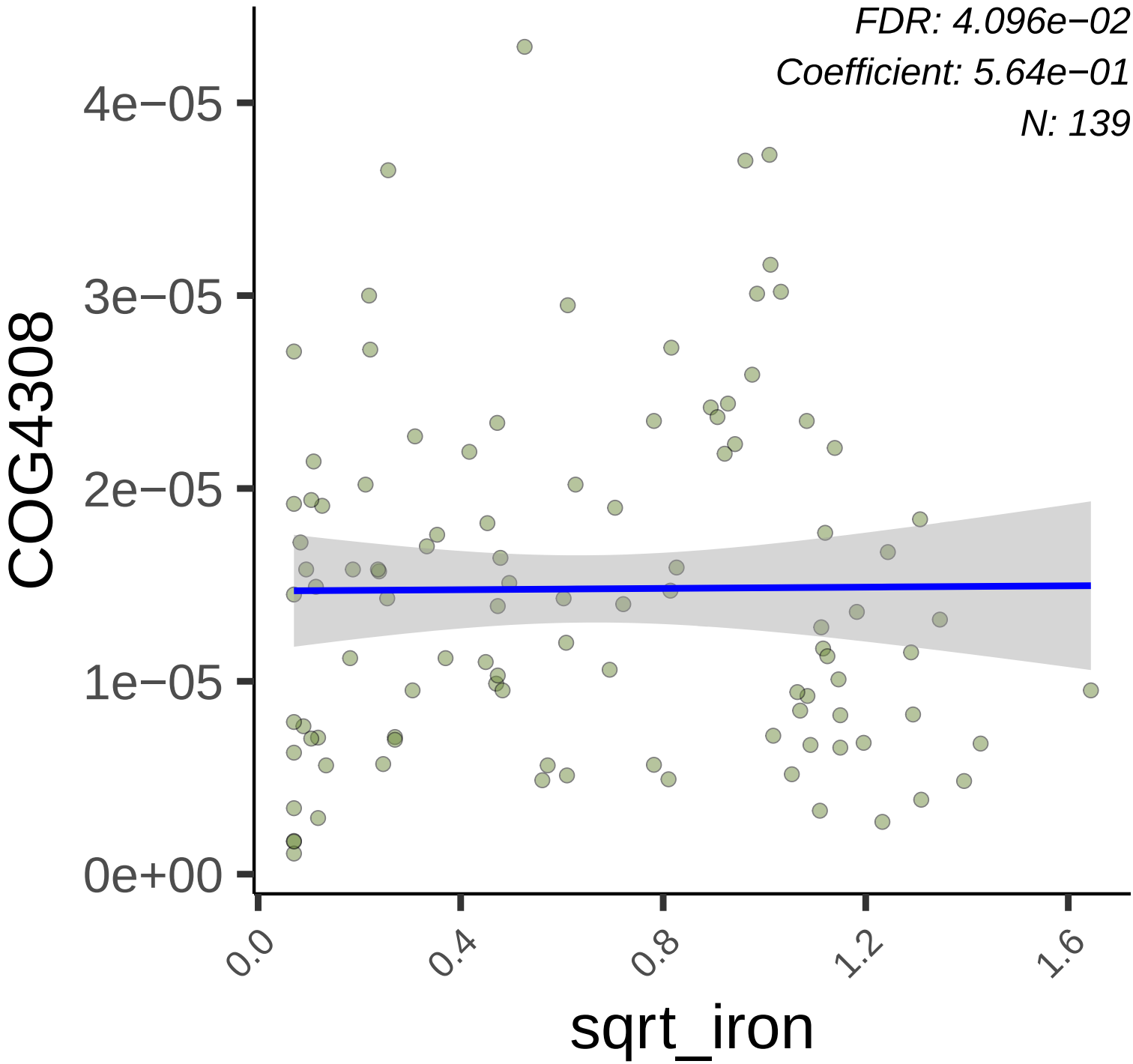
sqrt_iron


FDR: 4.096e−02
Coefficient: 5.64e−01
N: 139
COG4308
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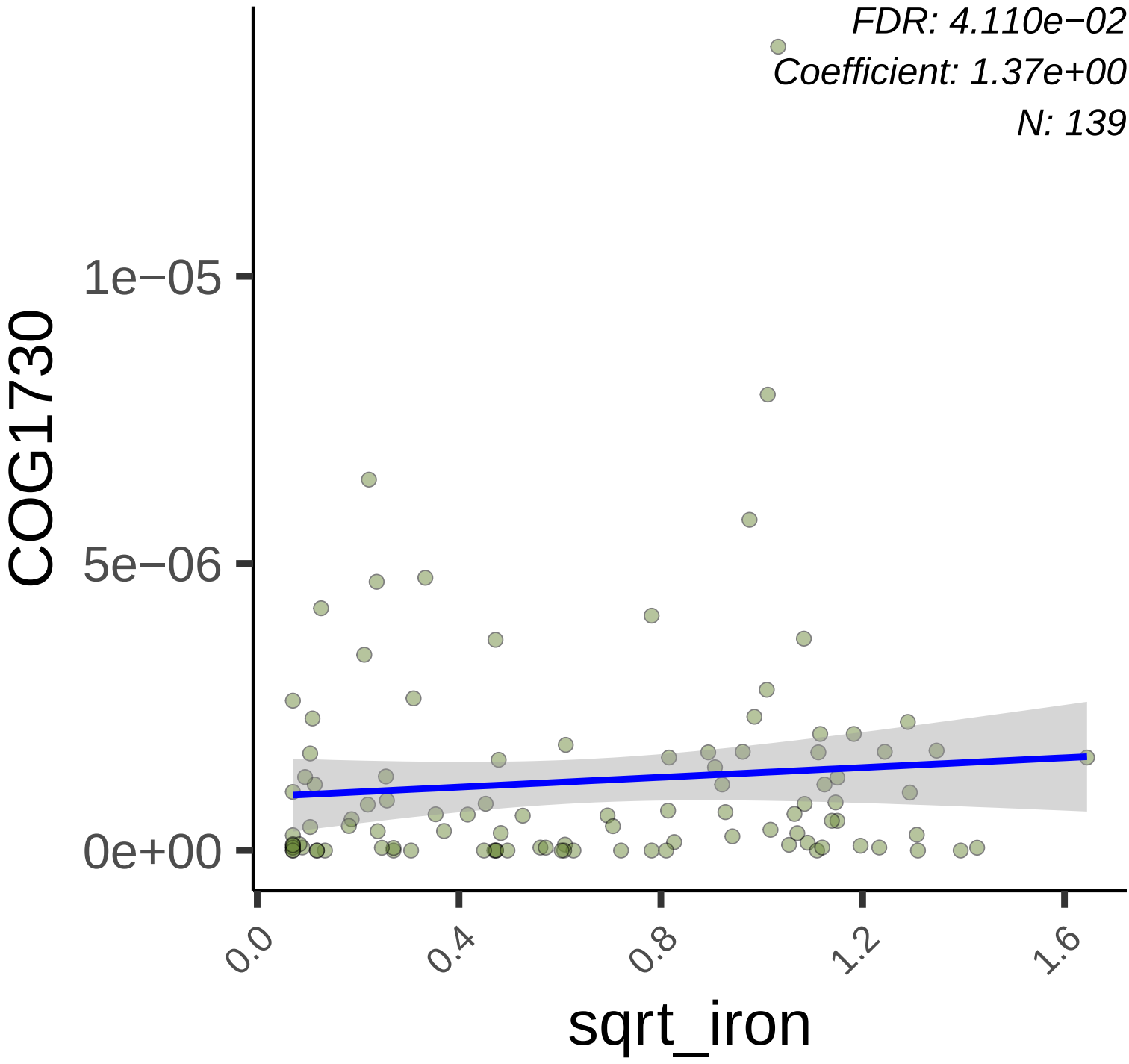
sqrt_iron


FDR: 4.110e−02
Coefficient: 1.37e+00
N: 139
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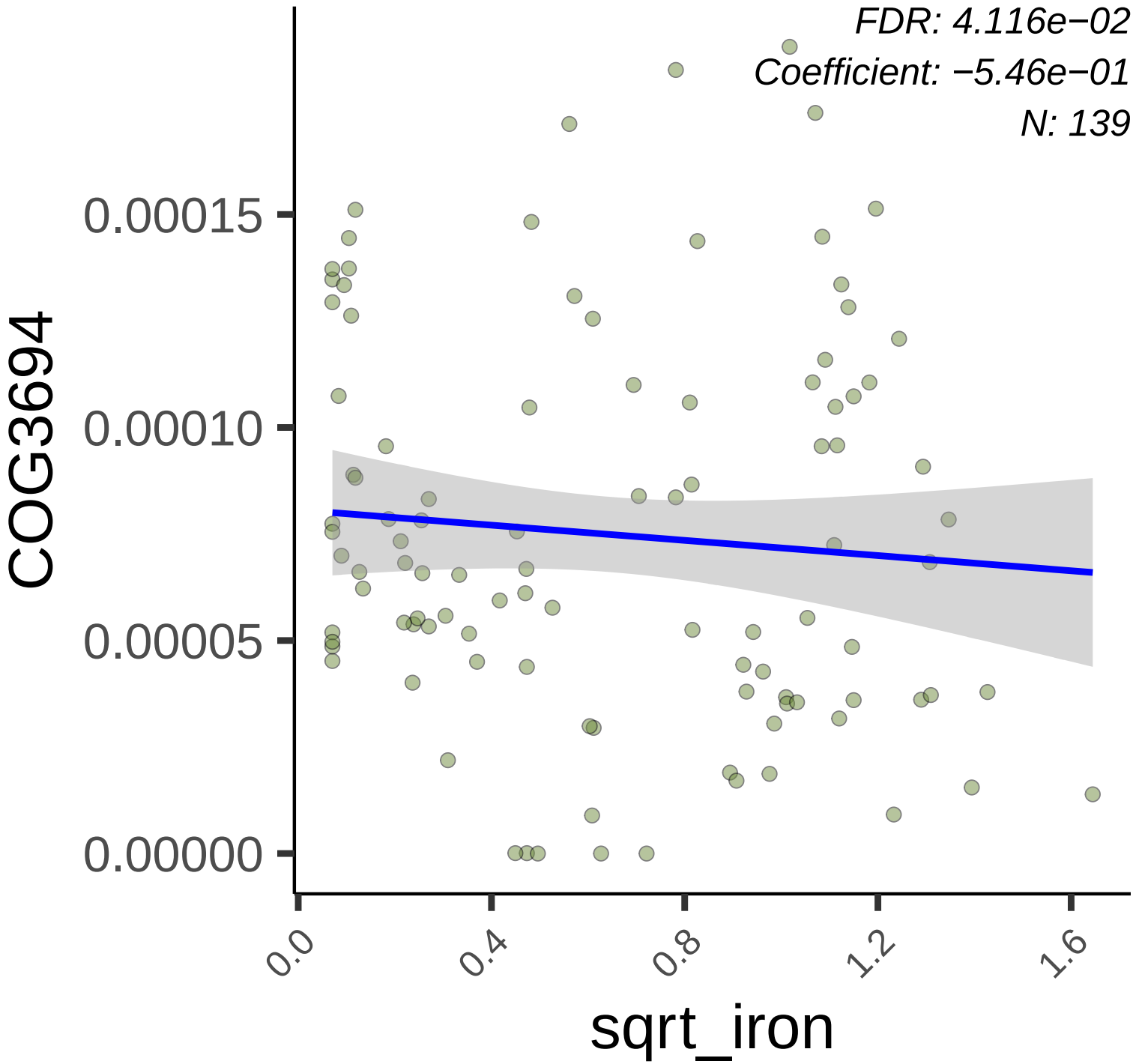
sqrt_iron


FDR: 4.116e−02
Coefficient: −5.46e−01
N: 139
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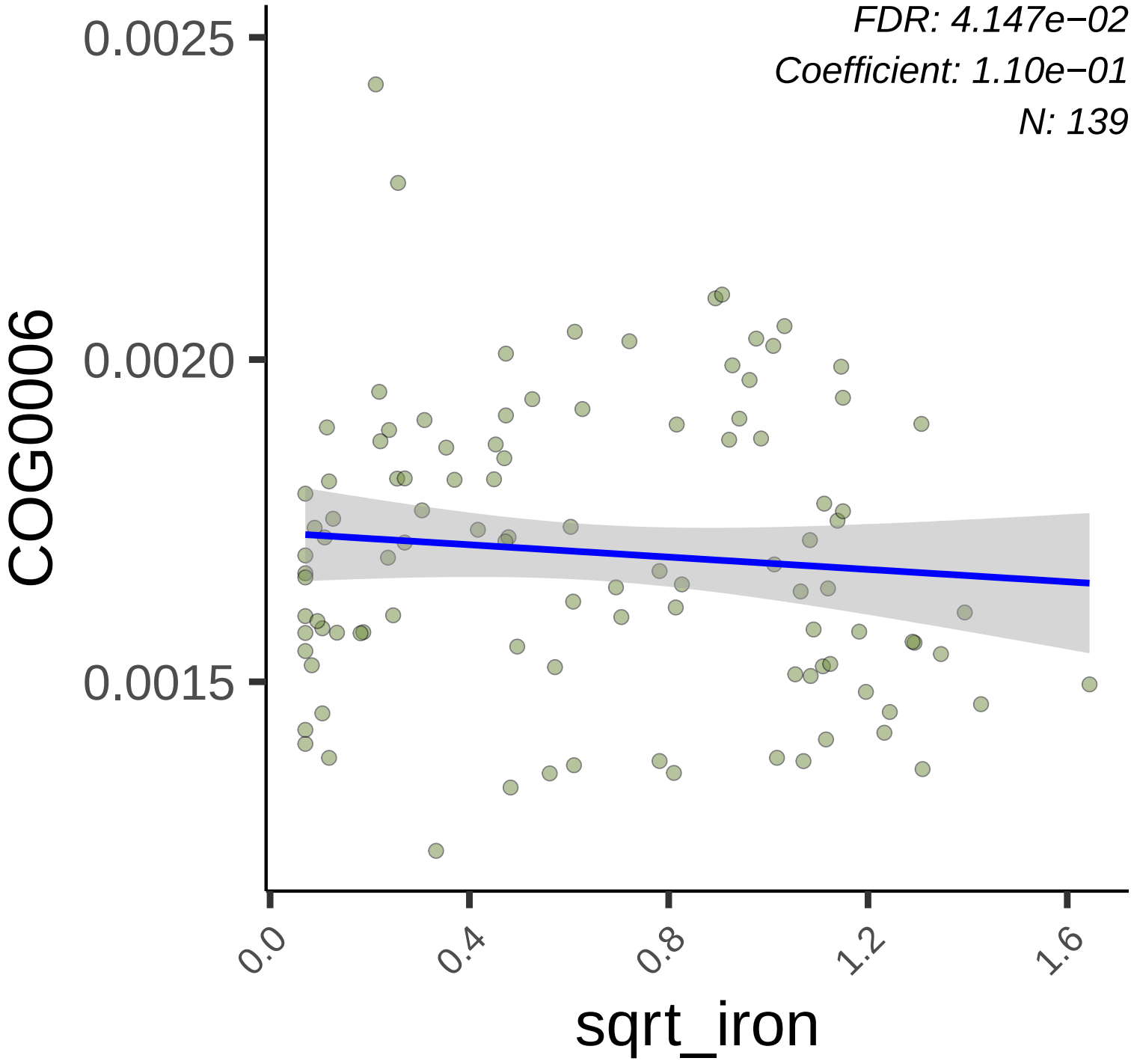
sqrt_iron


FDR: 4.147e−02
Coefficient: 1.10e−01
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COG0006
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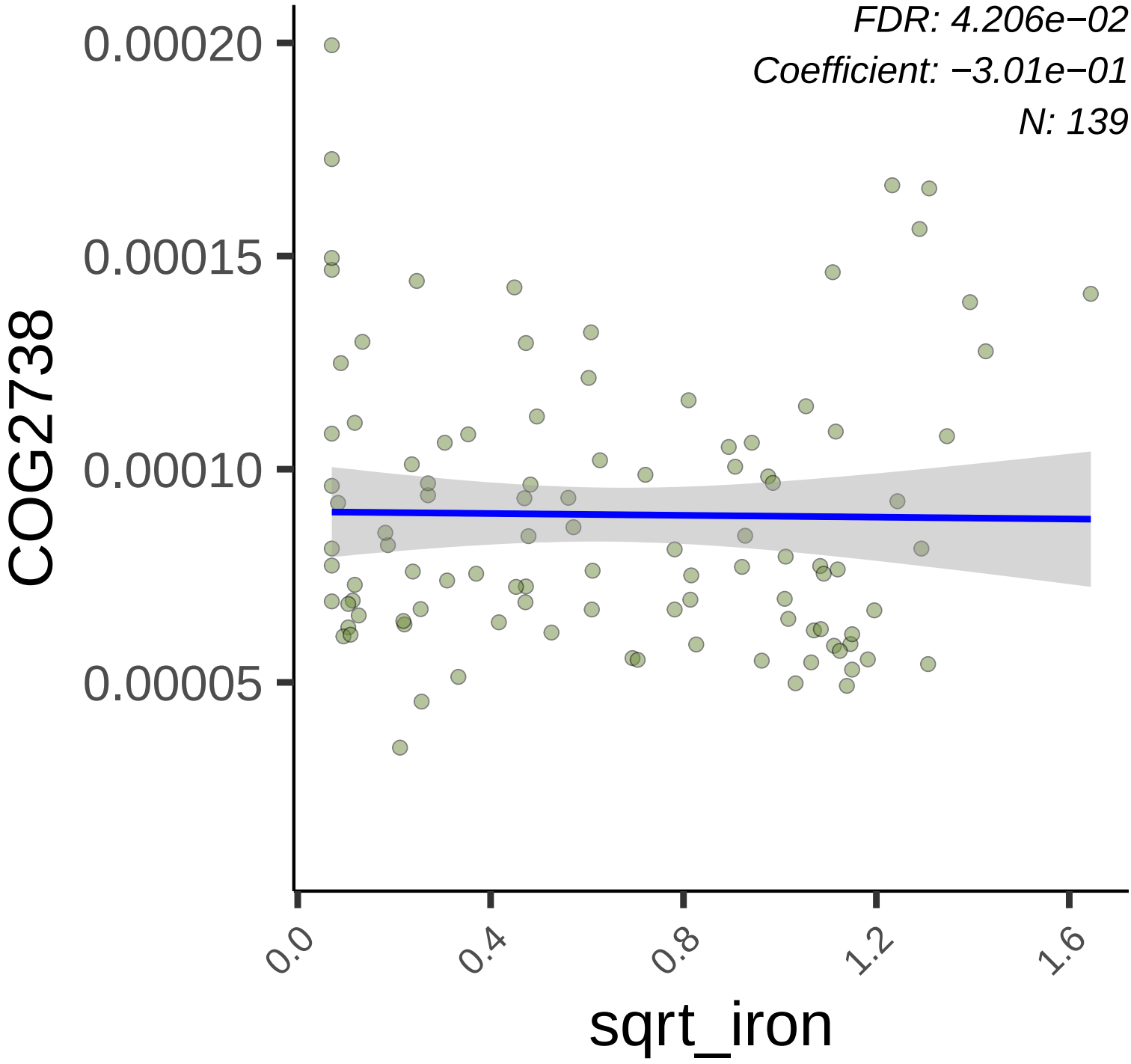
sqrt_iron


FDR: 4.206e−02
Coefficient: −3.01e−01
N: 139
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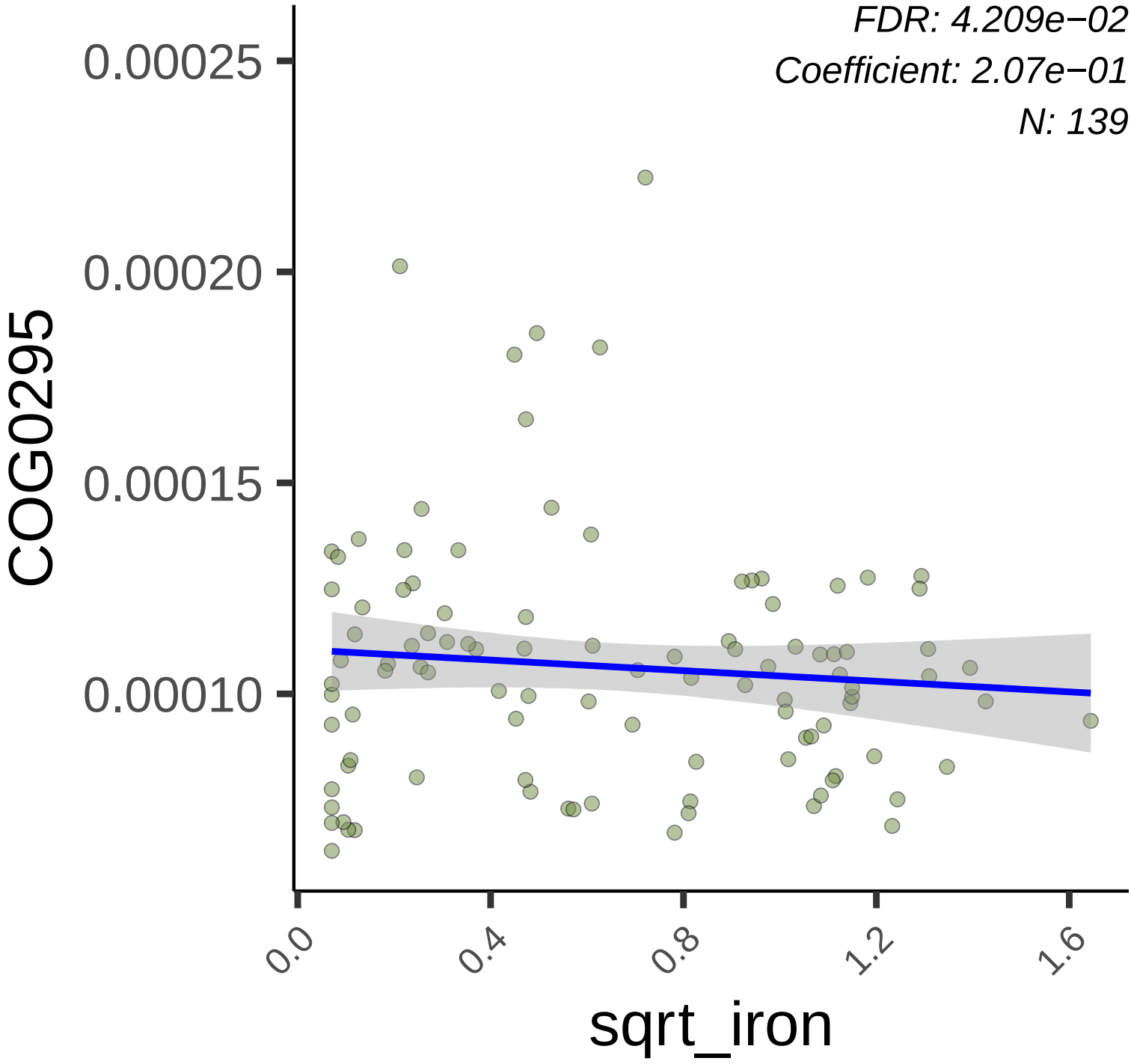
sqrt_iron


FDR: 4.209e−02
Coefficient: 2.07e−01
N: 139
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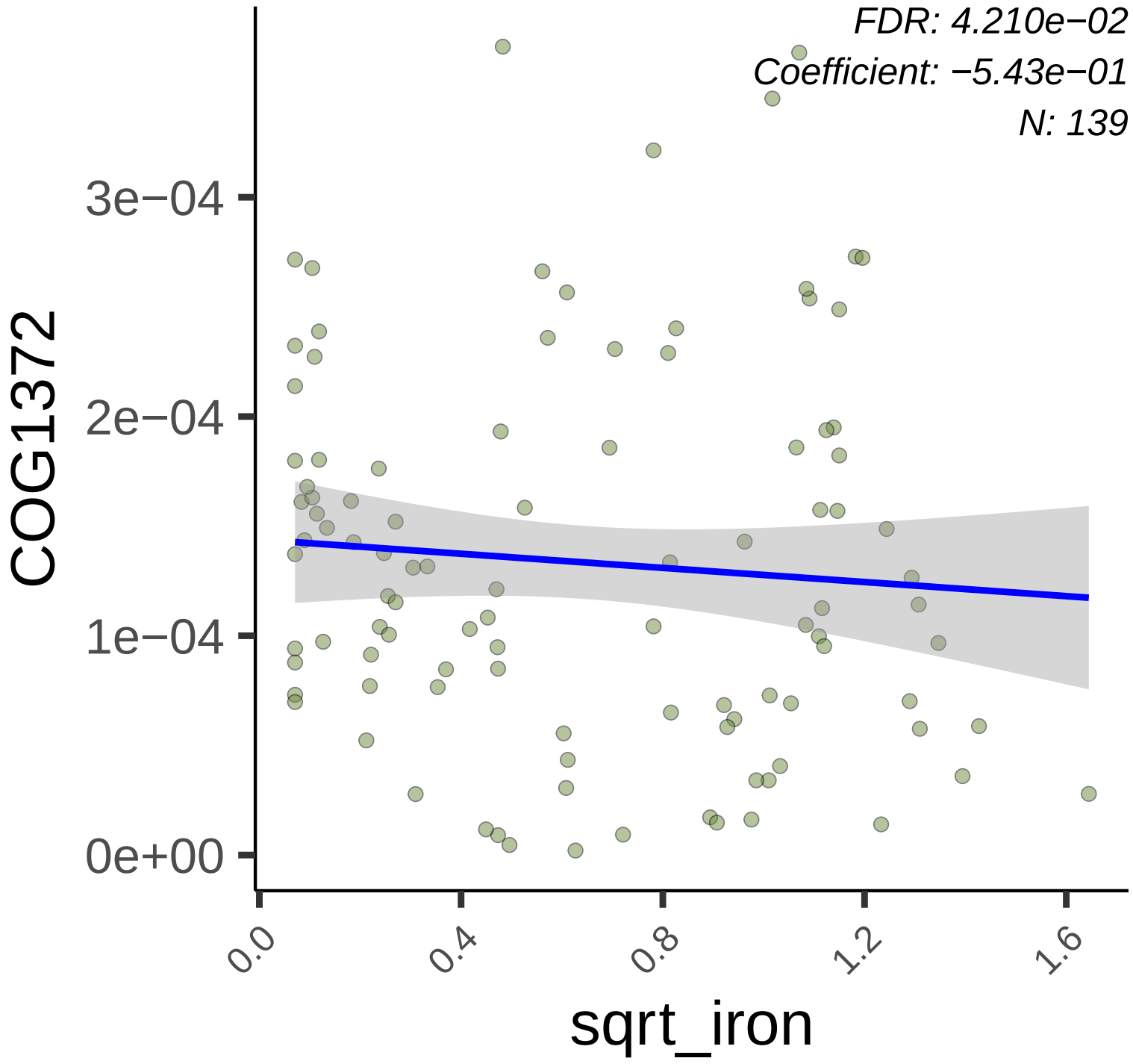
sqrt_iron


FDR: 4.210e−02
Coefficient: −5.43e−01
N: 139
COG1372
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0.4
0.8
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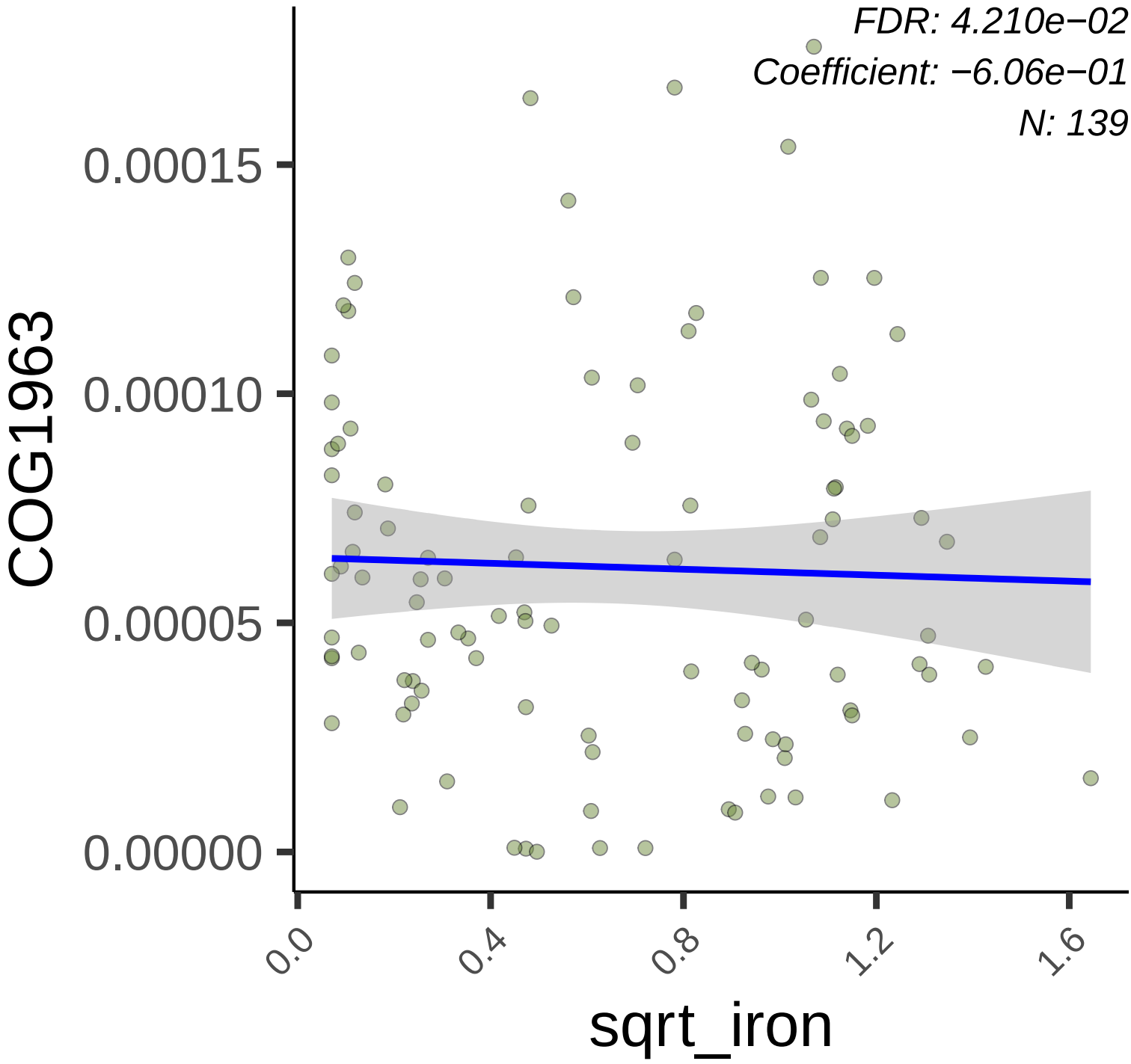
1.6
sqrt_iron


FDR: 4.210e−02
Coefficient: −6.06e−01
N: 139
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0.4
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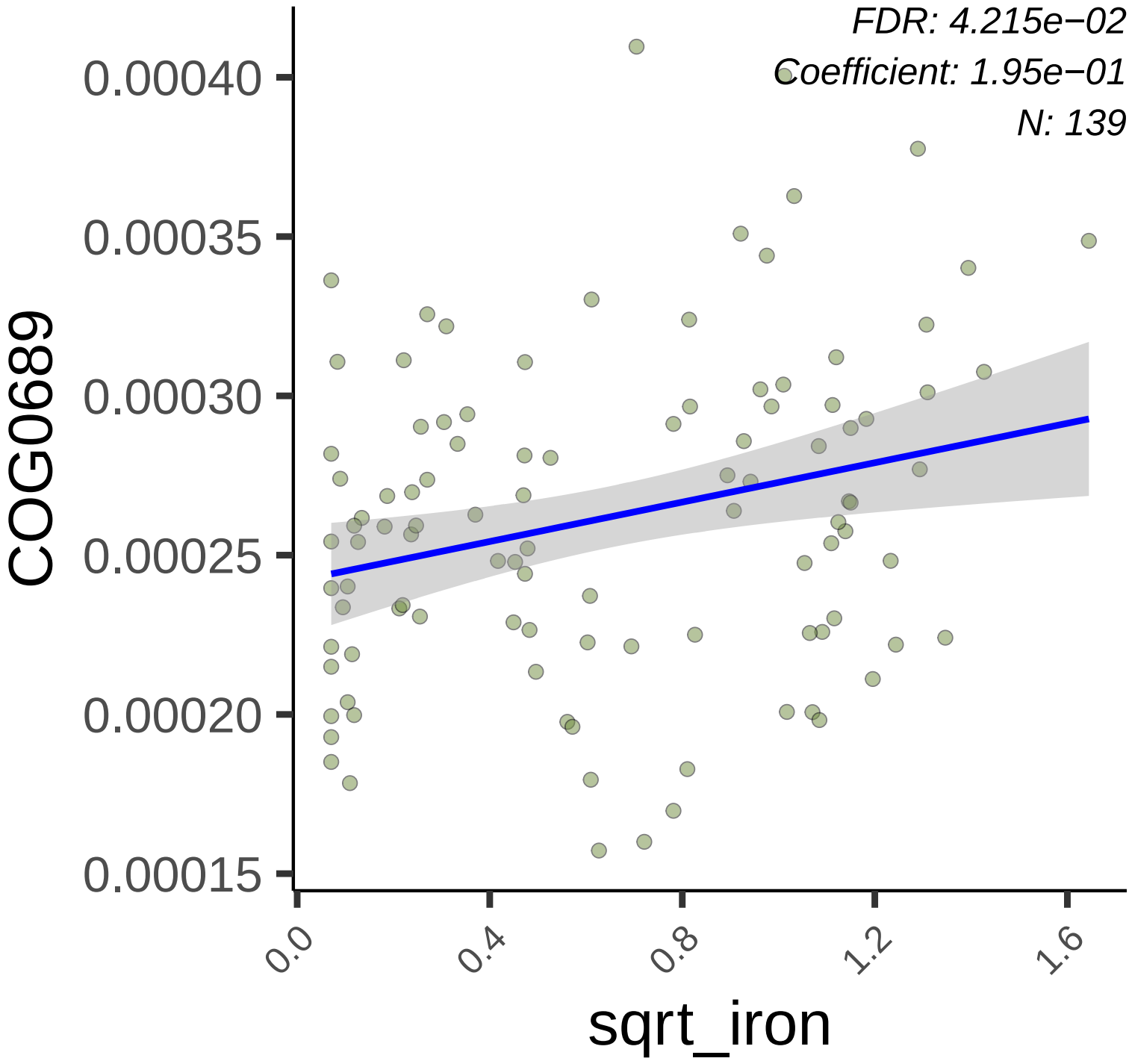
1.2
1.6
sqrt_iron


FDR: 4.215e−02
Coefficient: 1.95e−01
N: 139
COG0689
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0.00025
0.00020
0.00015
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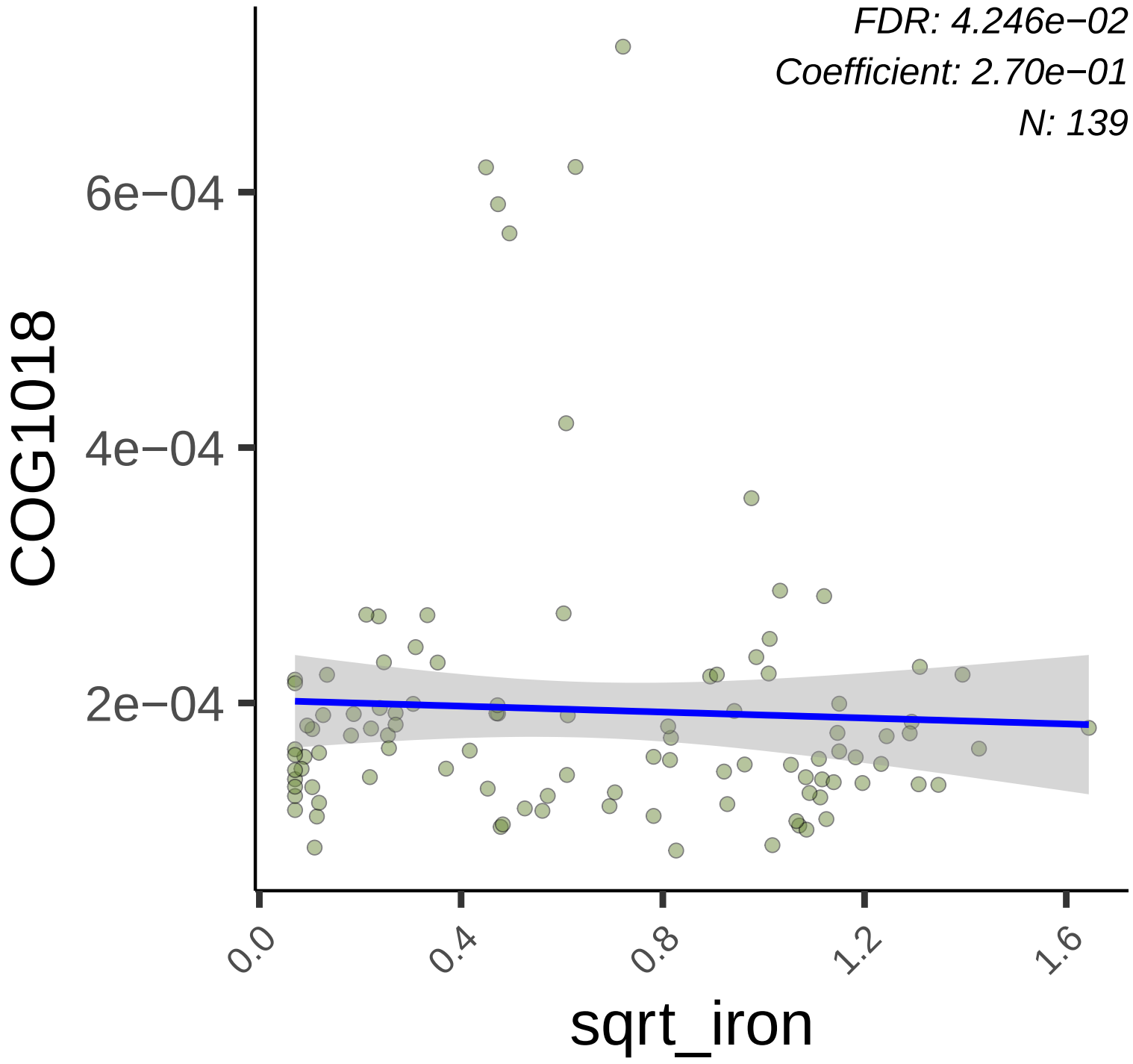
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.246e−02
Coefficient: 2.70e−01
N: 139
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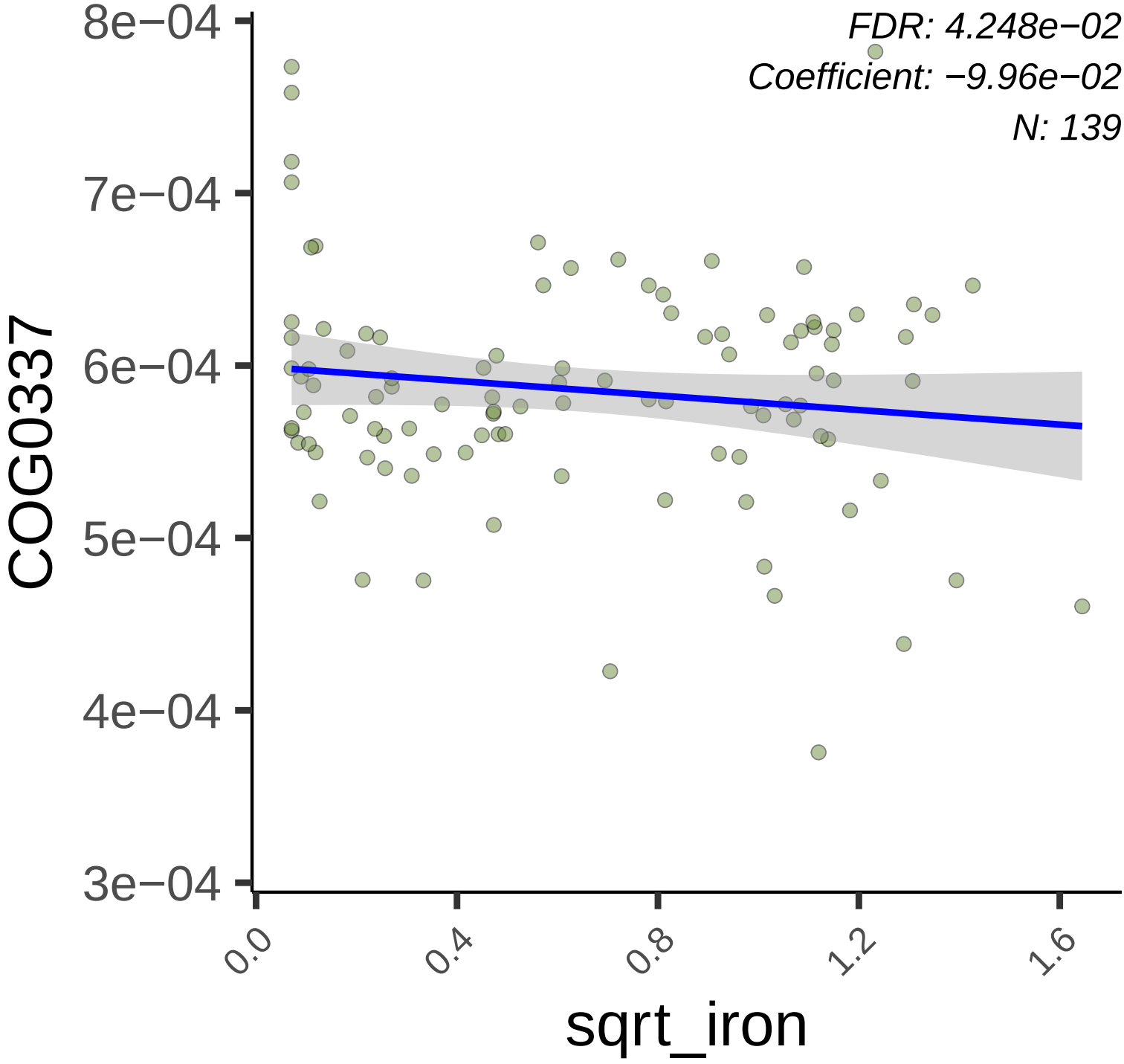
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.248e−02
Coefficient: −9.96e−02
N: 139
8e−04
7e−04
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4e−04
3e−04
COG0337
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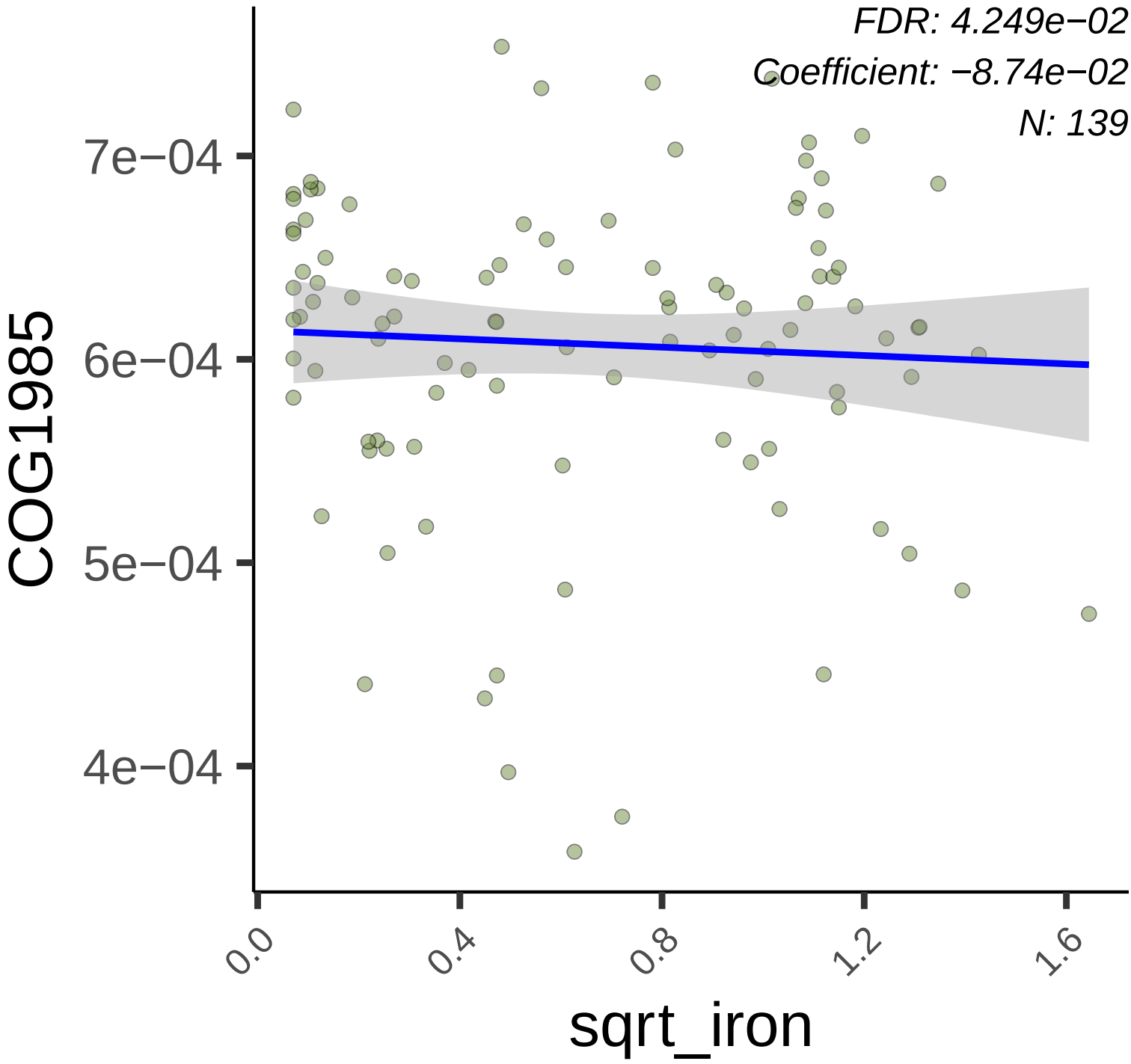
0.8
1.2
1.6
sqrt_iron


FDR: 4.249e−02
Coefficient: −8.74e−02
N: 139
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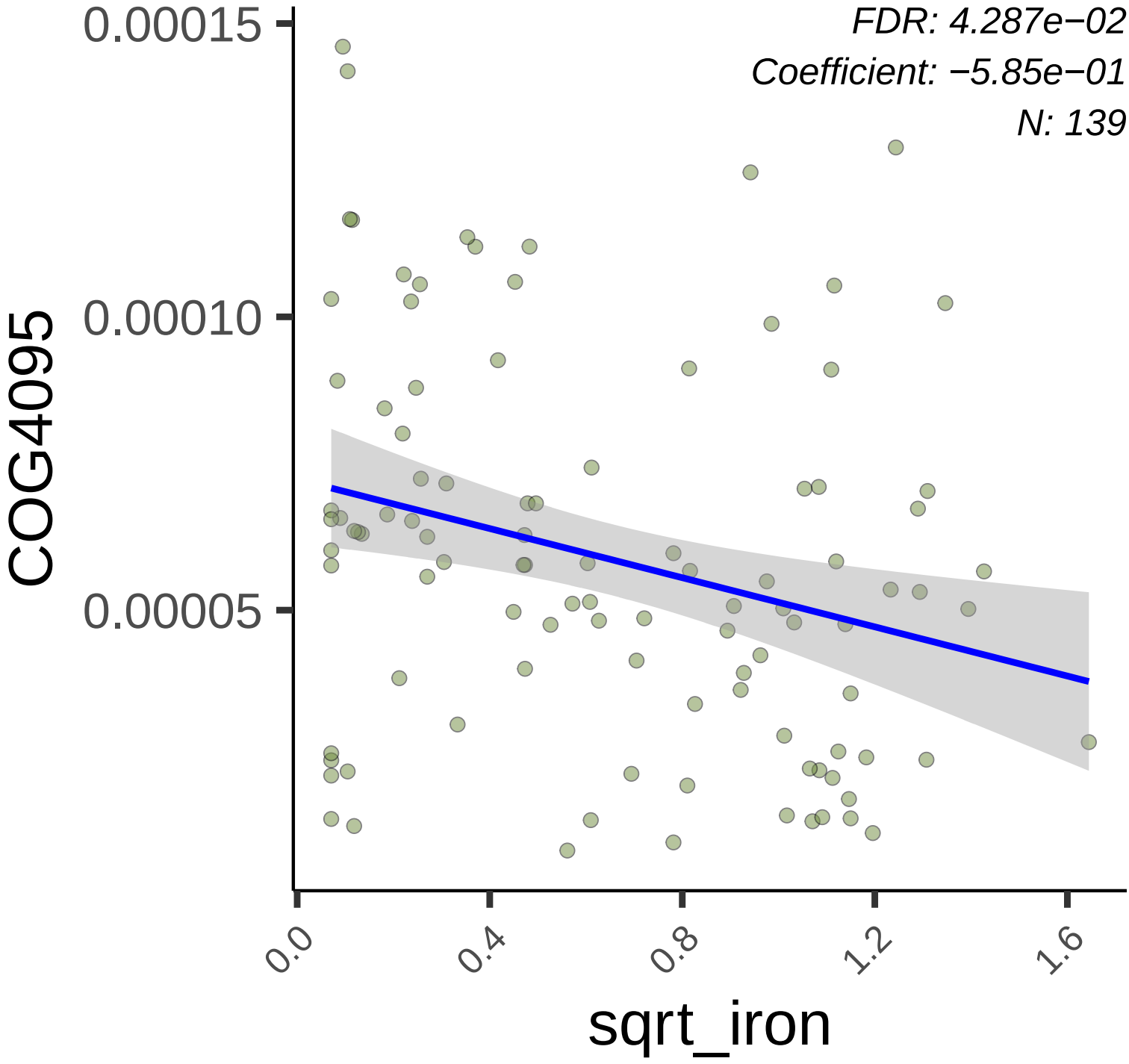
1.6
sqrt_iron


FDR: 4.287e−02
Coefficient: −5.85e−01
N: 139
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COG4095
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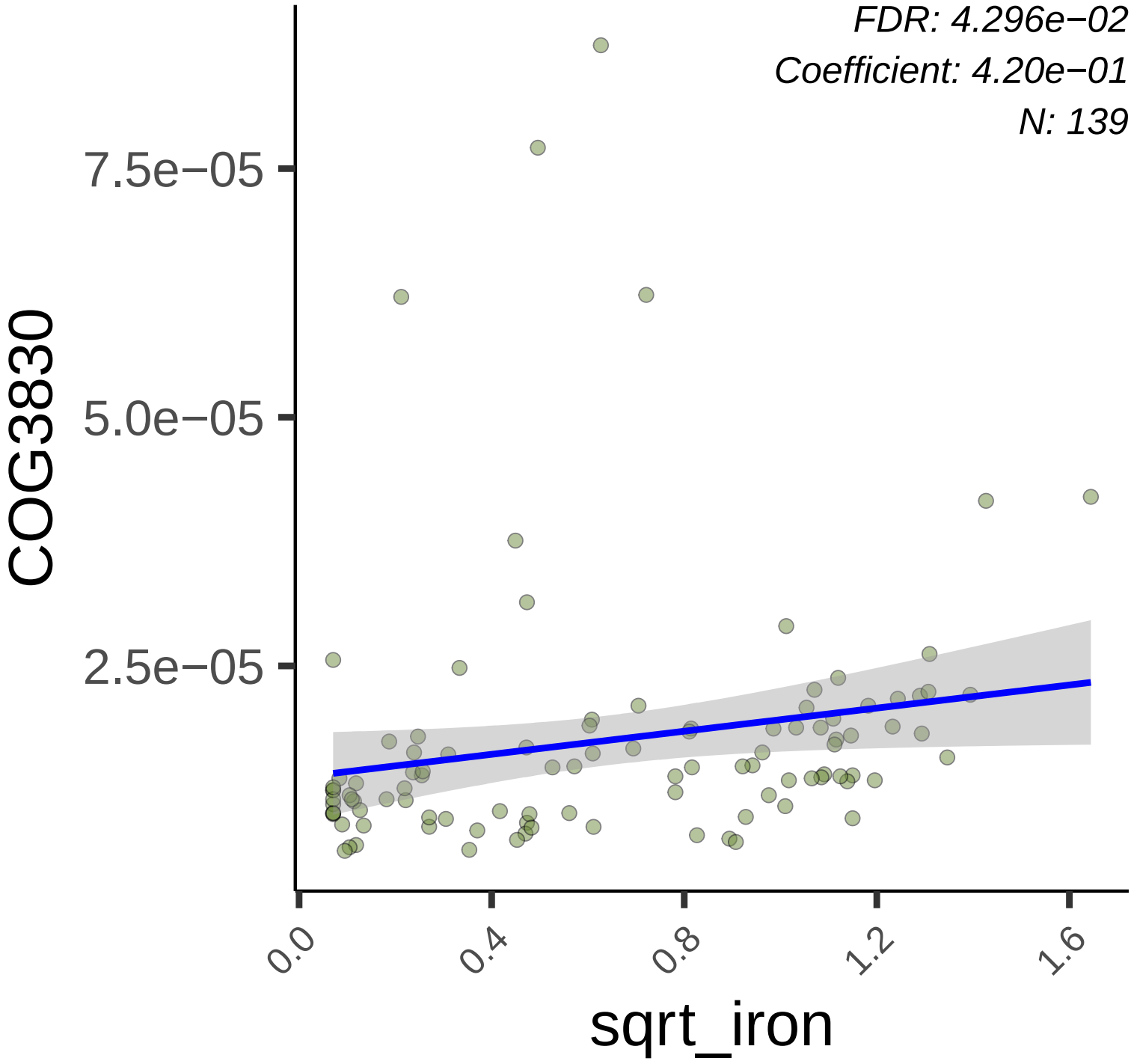
0.8
1.2
1.6
sqrt_iron


FDR: 4.296e−02
Coefficient: 4.20e−01
N: 139
COG3830
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5.0e−05
2.5e−05
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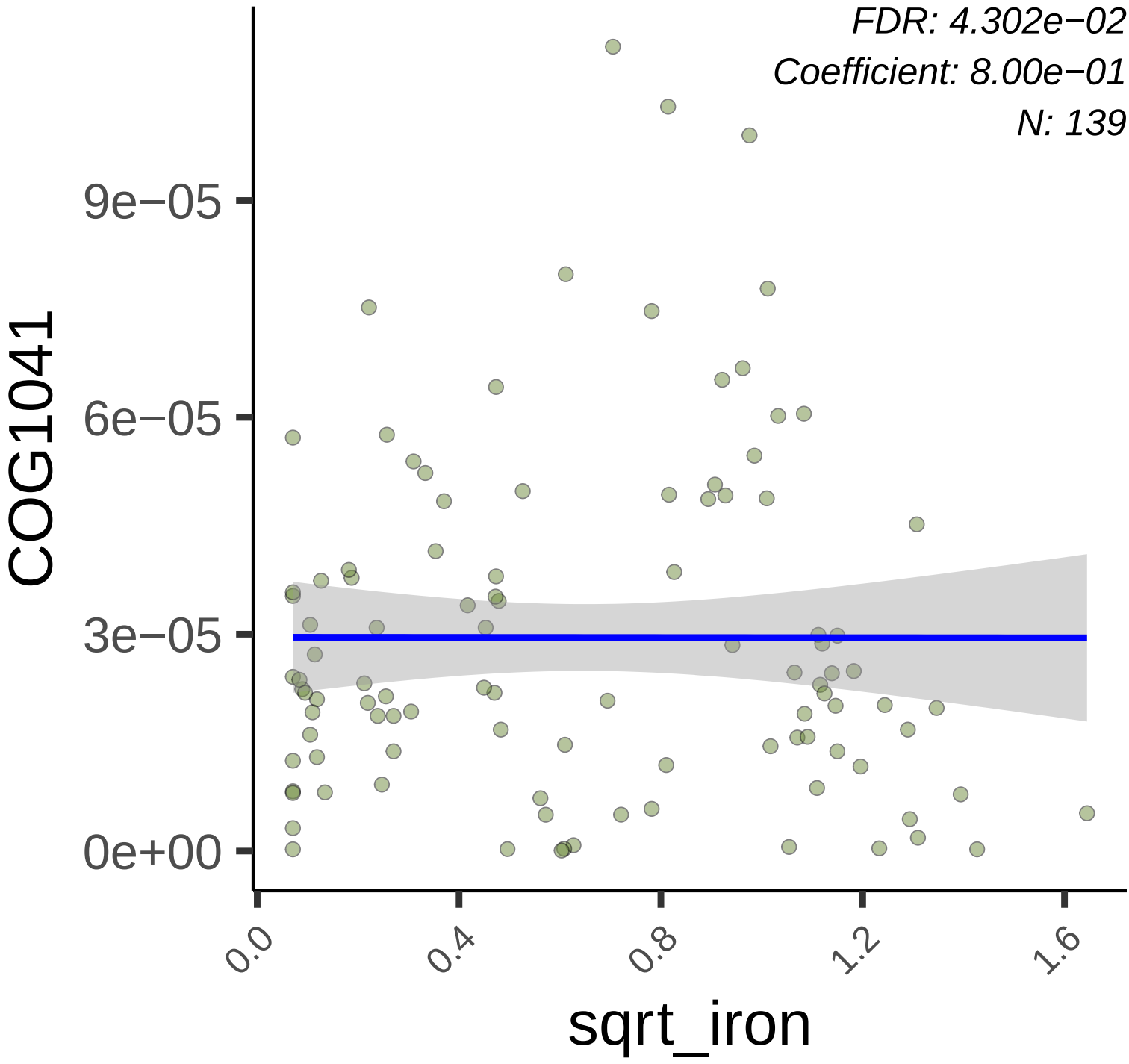
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.302e−02
Coefficient: 8.00e−01
N: 139
COG1041
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6e−05
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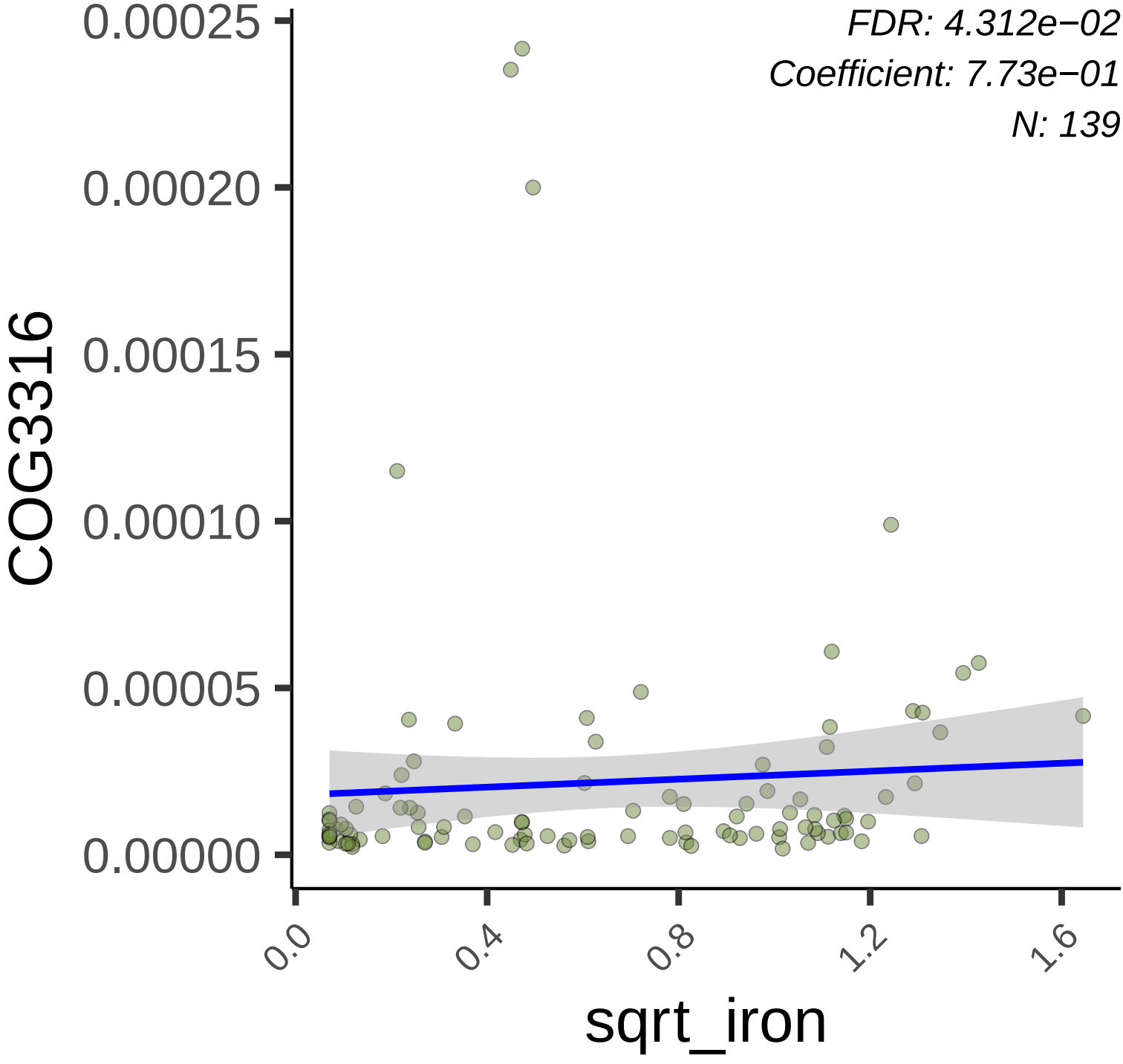
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.312e−02
Coefficient: 7.73e−01
N: 139
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0.4
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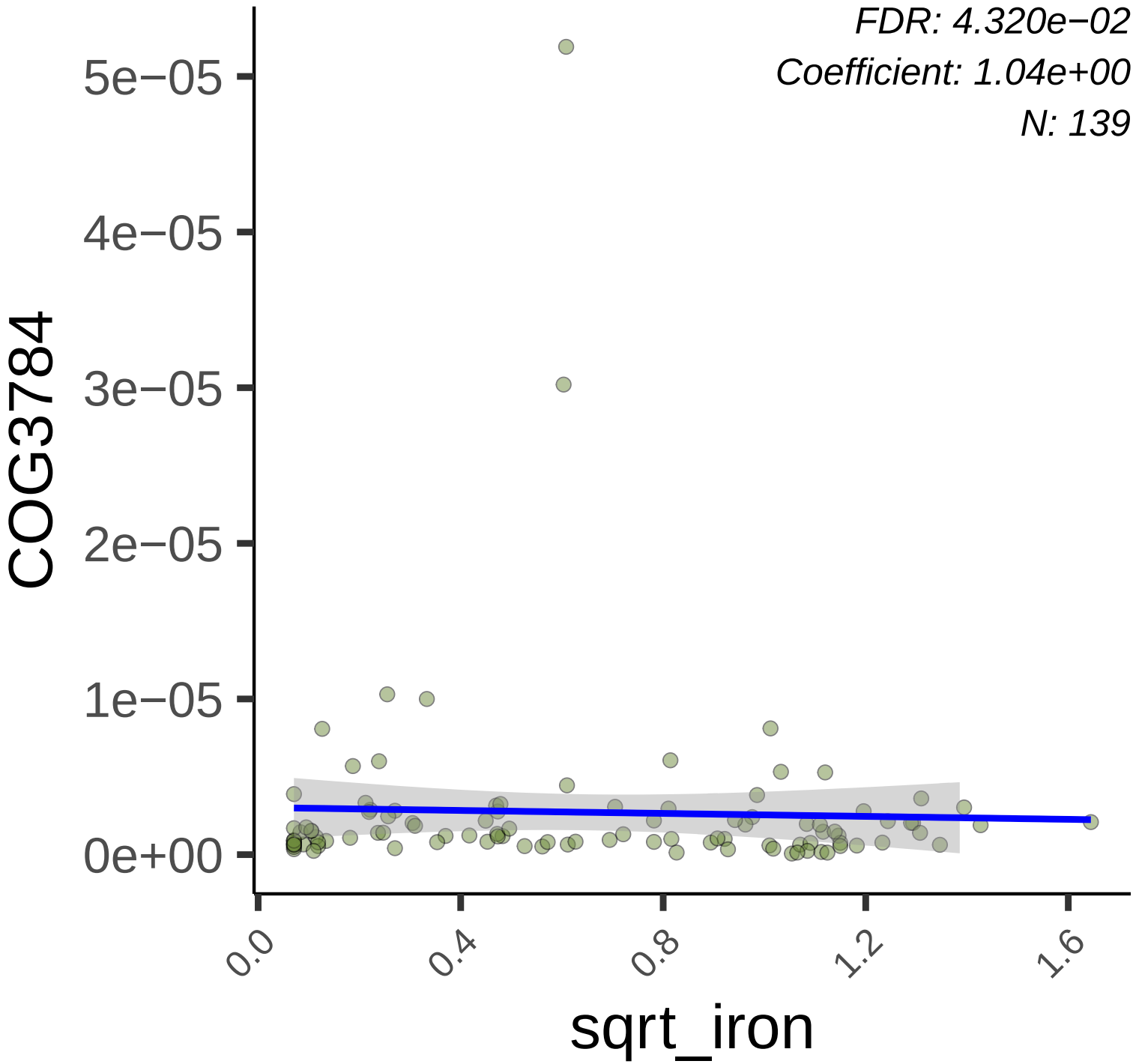
1.6
sqrt_iron


FDR: 4.320e−02
Coefficient: 1.04e+00
N: 139
COG3784
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4e−05
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2e−05
1e−05
0e+00
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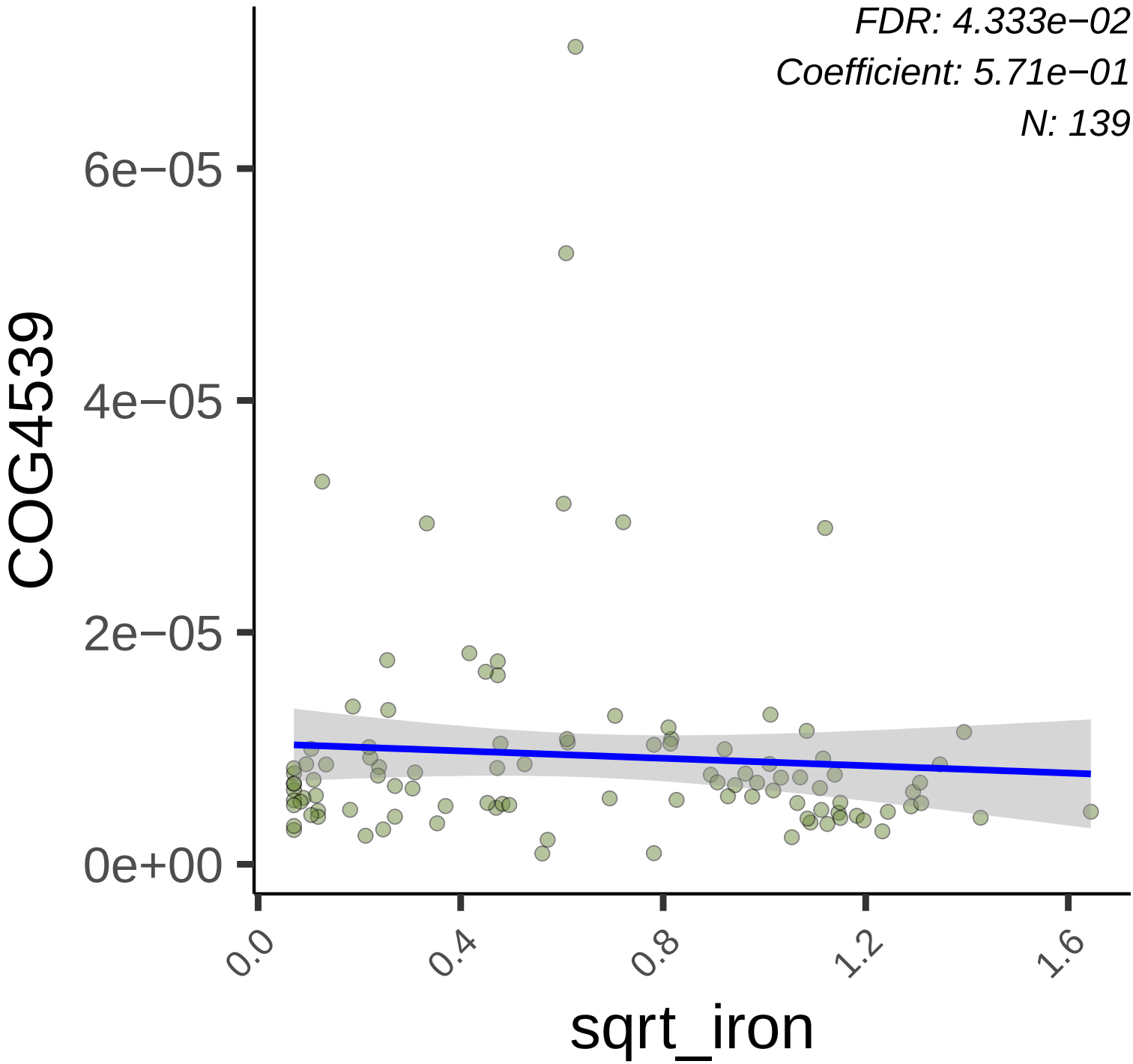
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.333e−02
Coefficient: 5.71e−01
N: 139
COG4539
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4e−05
2e−05
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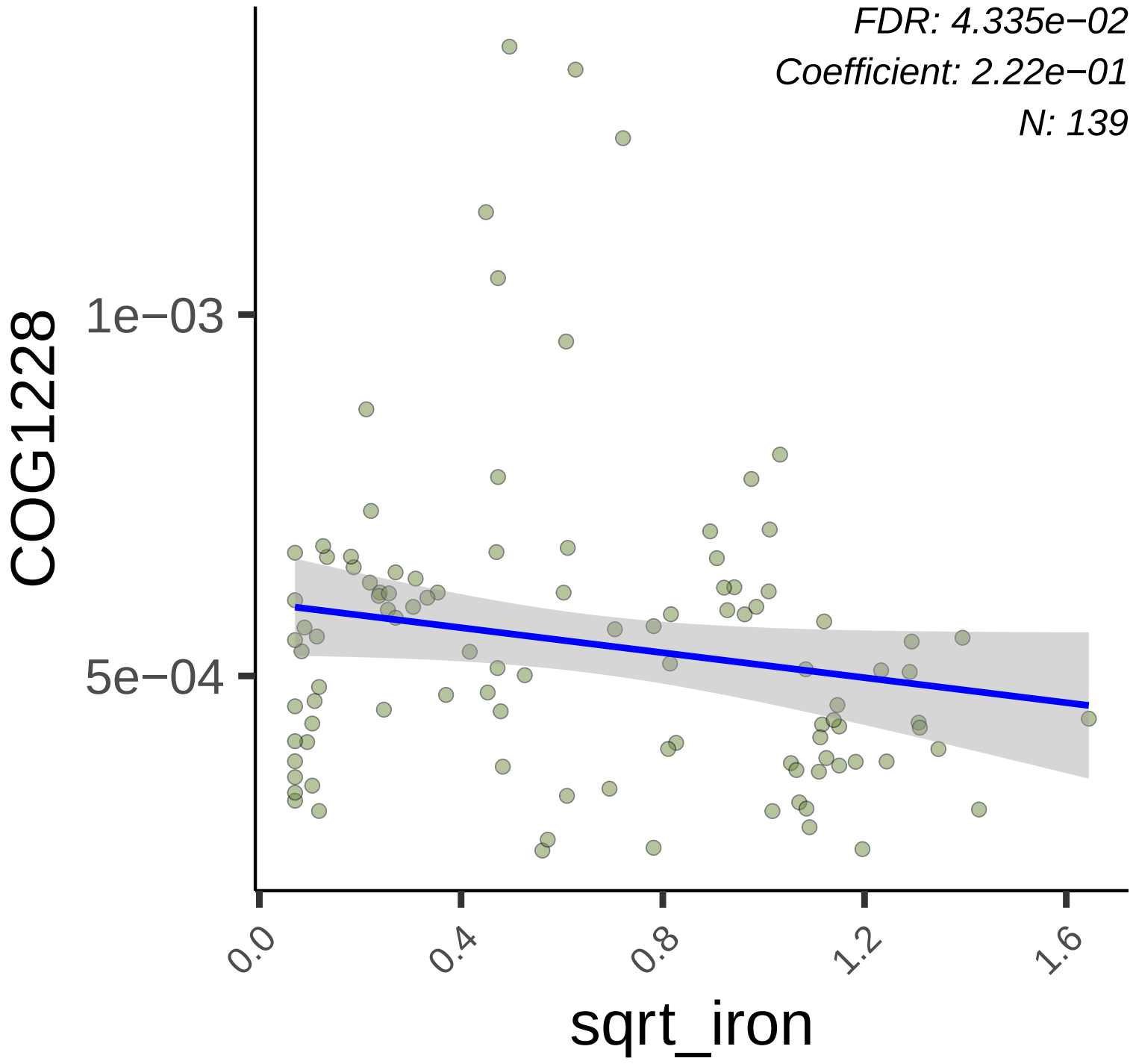
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.335e−02
Coefficient: 2.22e−01
N: 139
COG1228
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0.4
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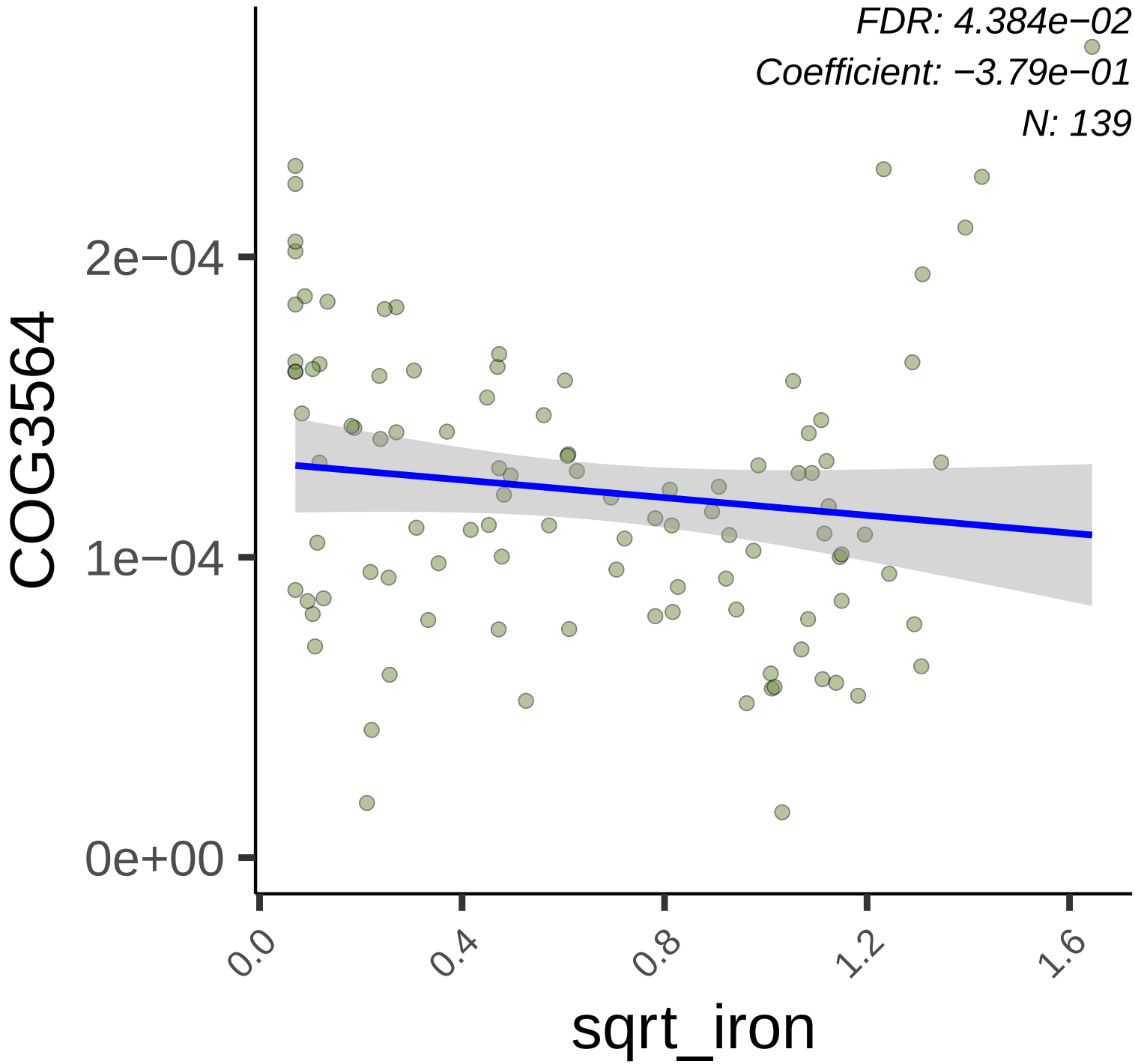
1.6
sqrt_iron


FDR: 4.384e−02
Coefficient: −3.79e−01
N: 139
COG3564
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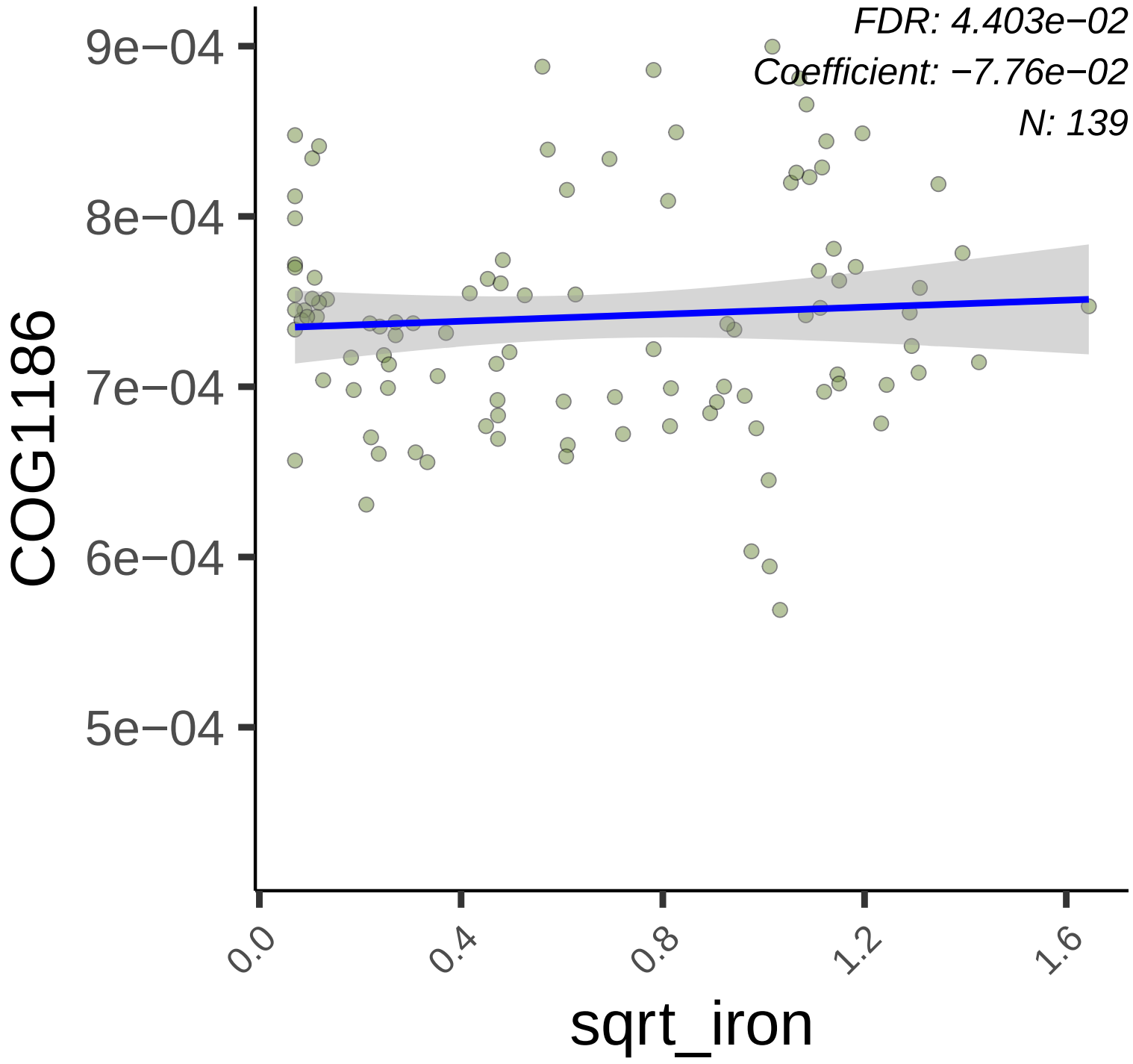
1.6
sqrt_iron


FDR: 4.403e−02
Coefficient: −7.76e−02
N: 139
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COG1186
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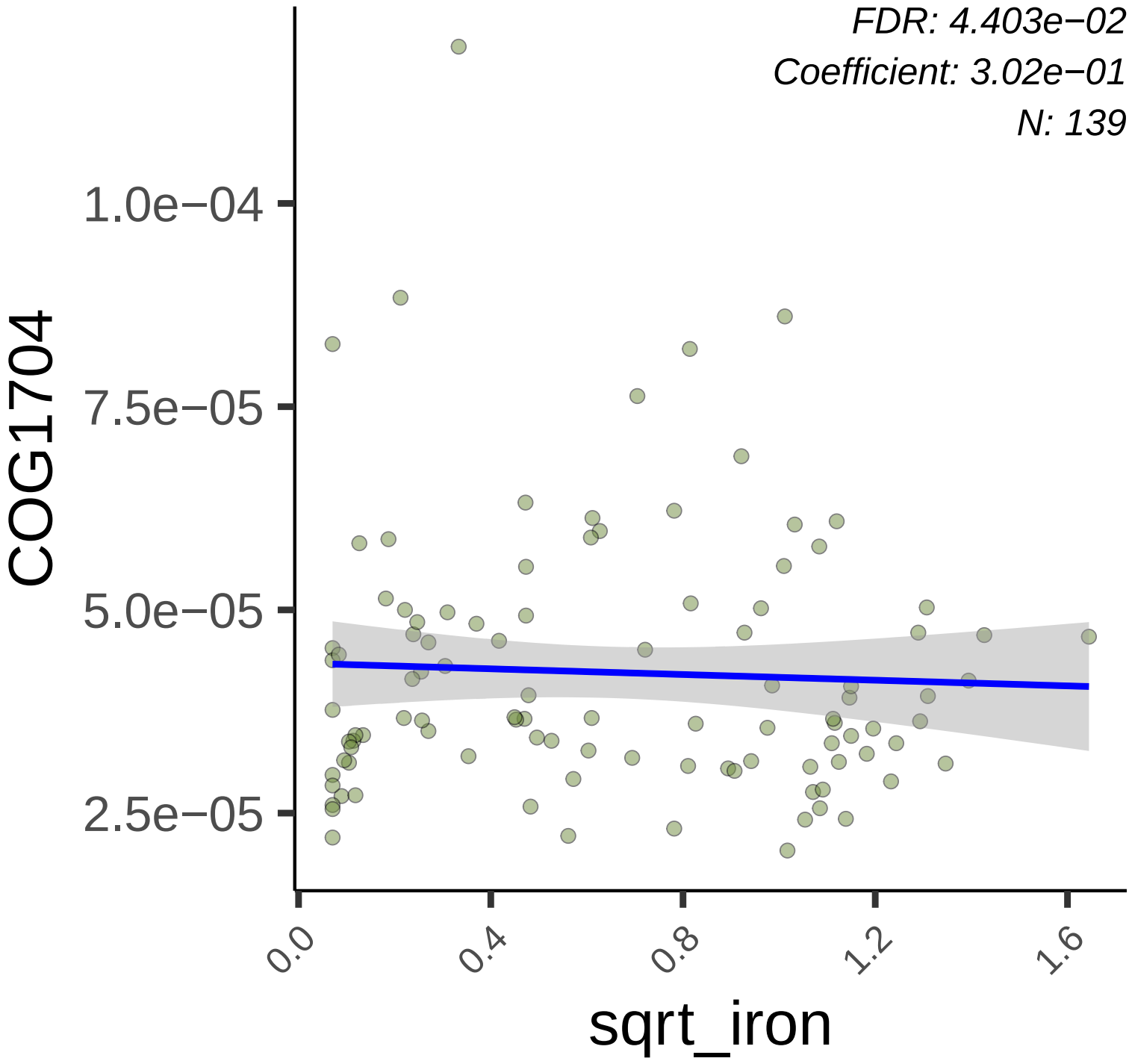
1.6
sqrt_iron


FDR: 4.403e−02
Coefficient: 3.02e−01
N: 139
COG1704
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0.4
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1.2
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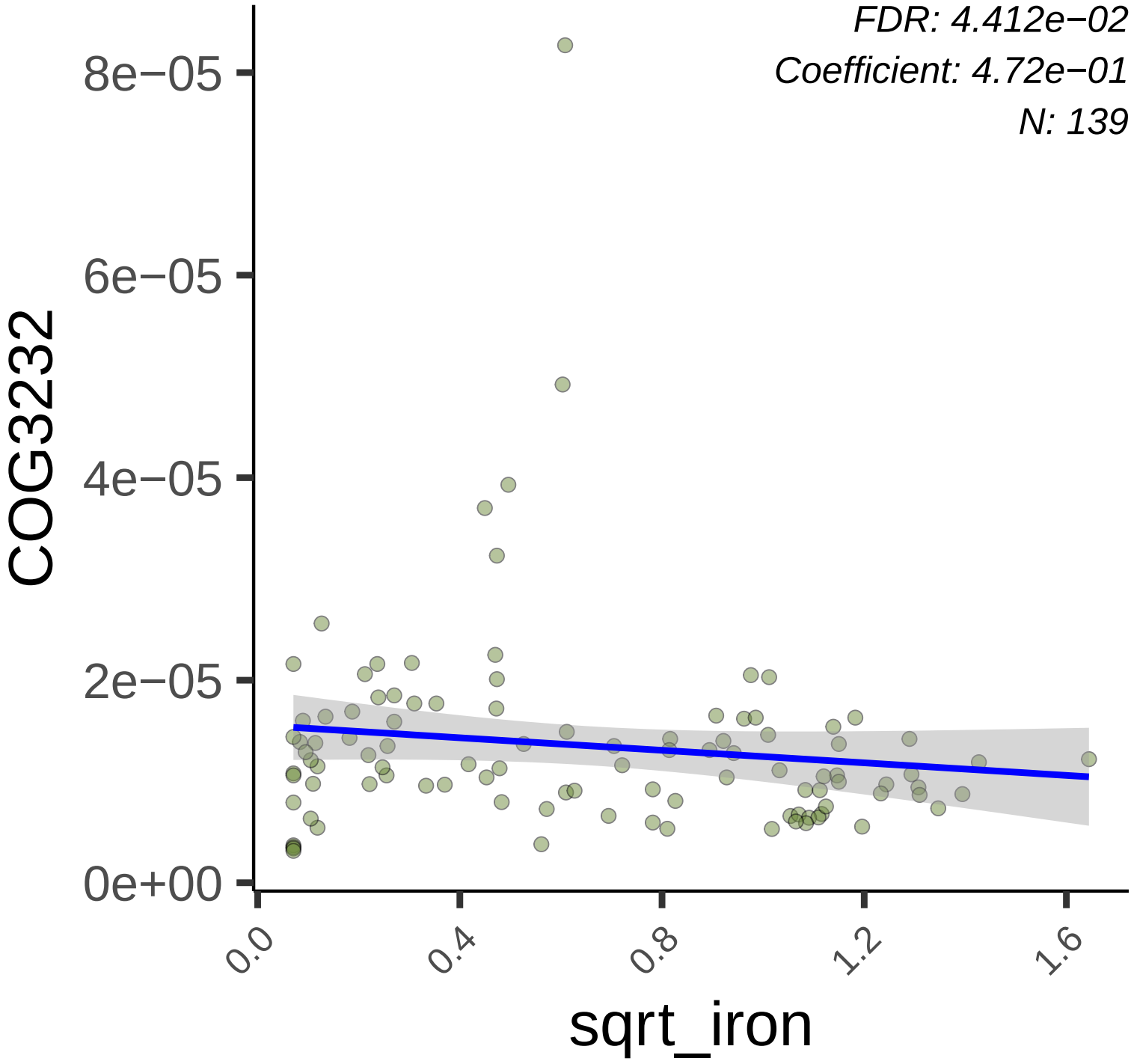
sqrt_iron


FDR: 4.412e−02
Coefficient: 4.72e−01
N: 139
COG3232
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2e−05
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0.4
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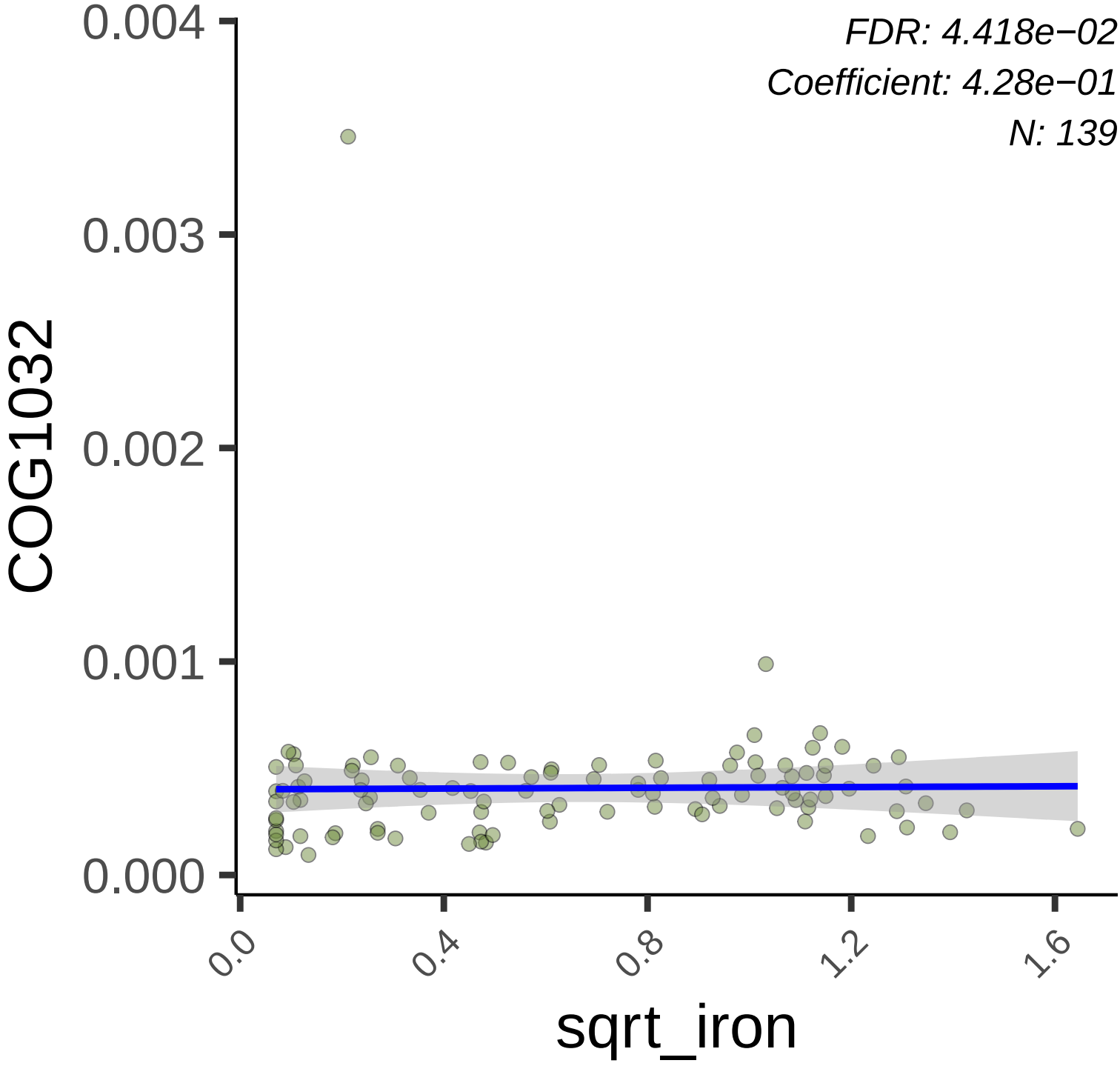
1.6
sqrt_iron


FDR: 4.418e−02
Coefficient: 4.28e−01
N: 139
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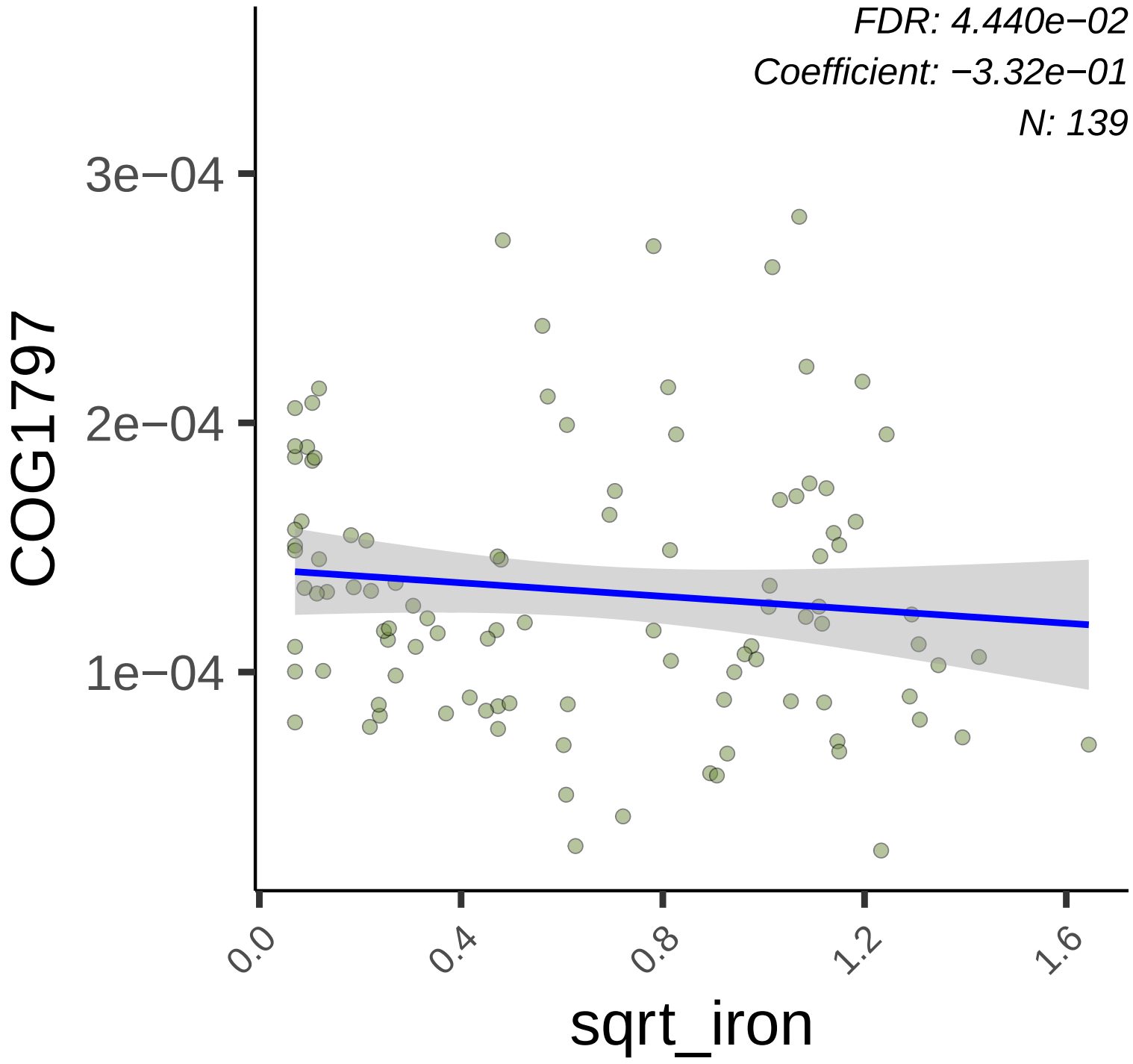
1.6
sqrt_iron


FDR: 4.440e−02
Coefficient: −3.32e−01
N: 139
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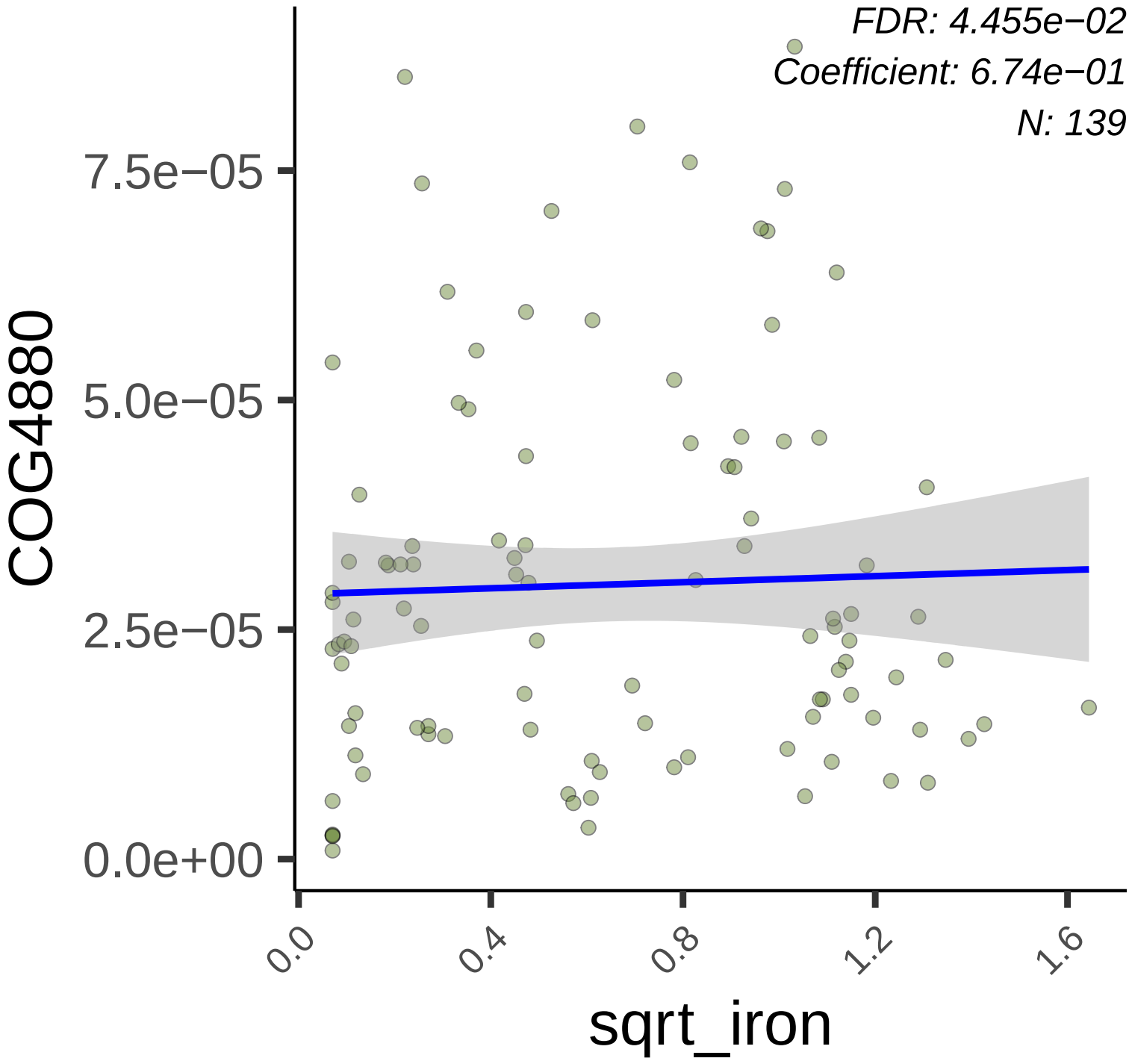
sqrt_iron


FDR: 4.455e−02
Coefficient: 6.74e−01
N: 139
COG4880
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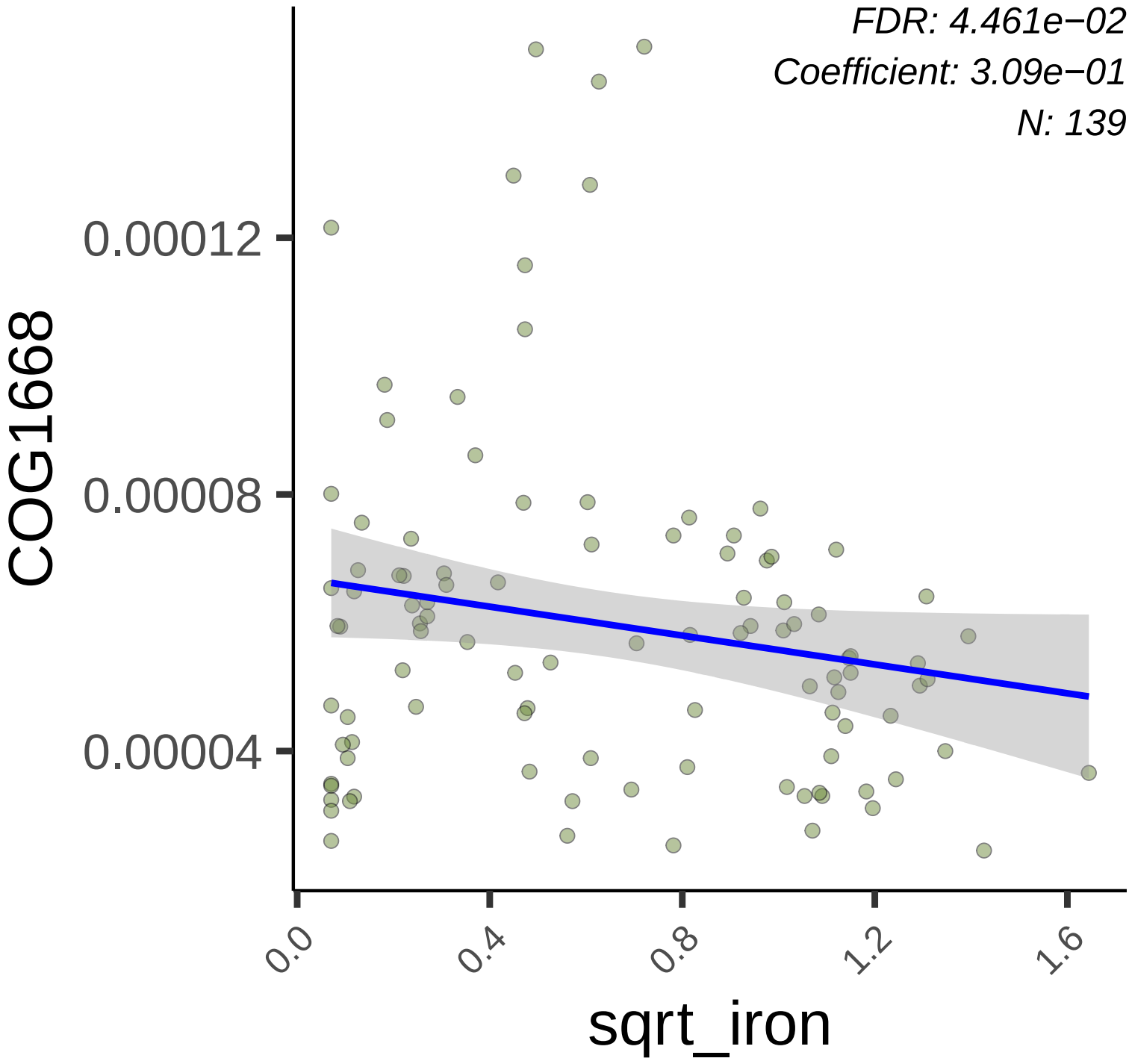
1.6
sqrt_iron


FDR: 4.461e−02
Coefficient: 3.09e−01
N: 139
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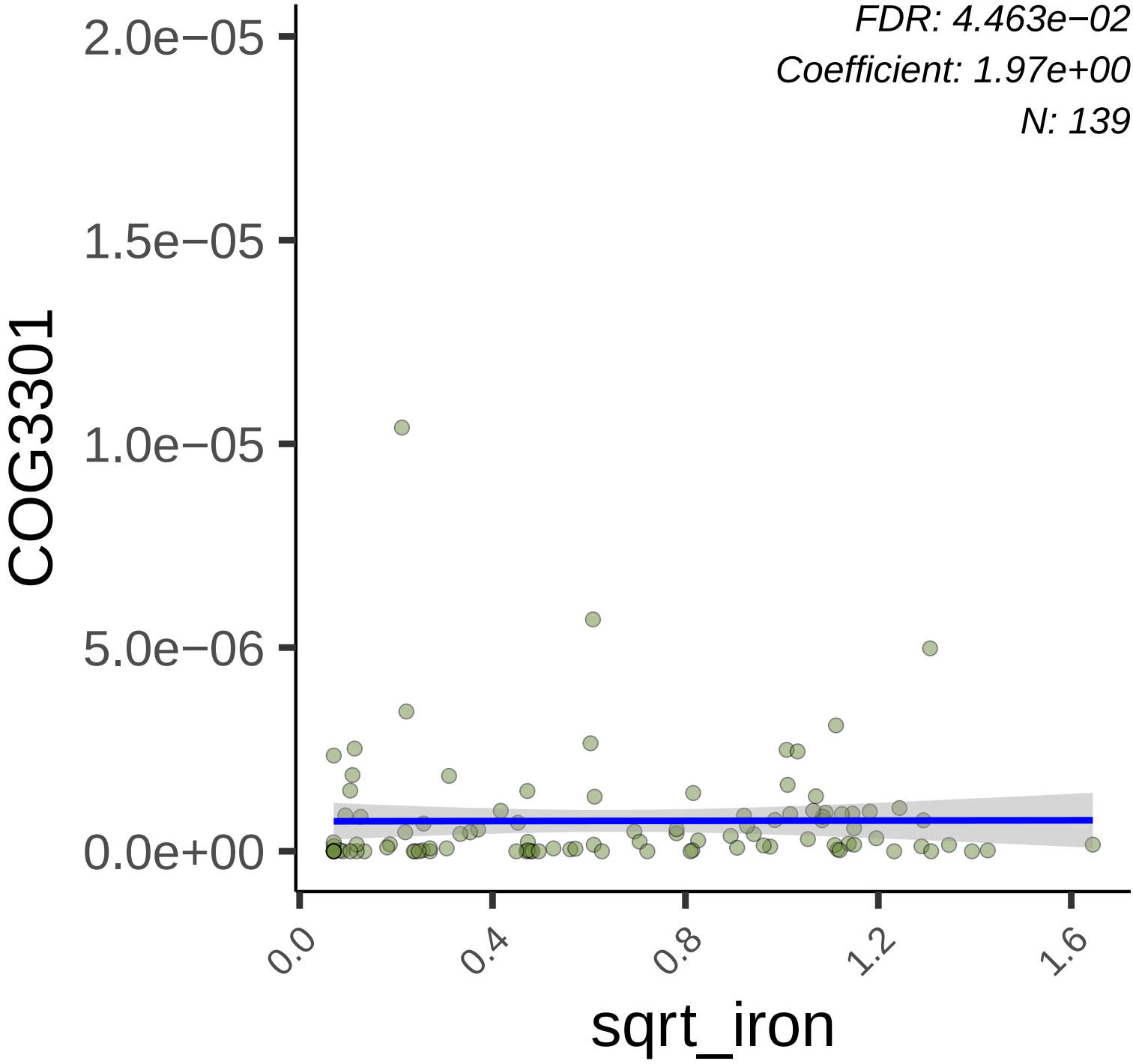
sqrt_iron


FDR: 4.463e−02
Coefficient: 1.97e+00
N: 139
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COG3301
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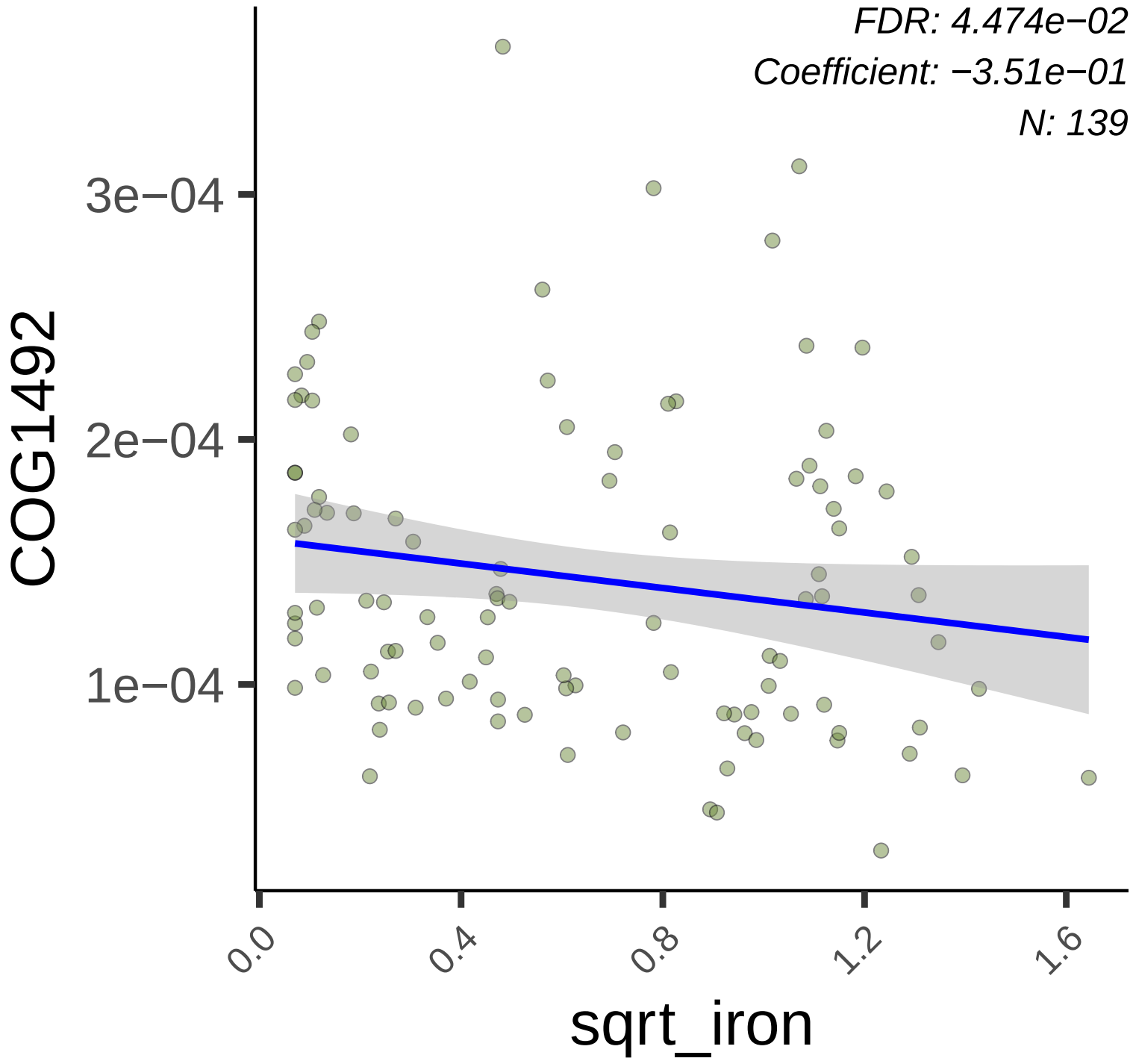
0.8
1.2
1.6
sqrt_iron


FDR: 4.474e−02
Coefficient: −3.51e−01
N: 139
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COG1492
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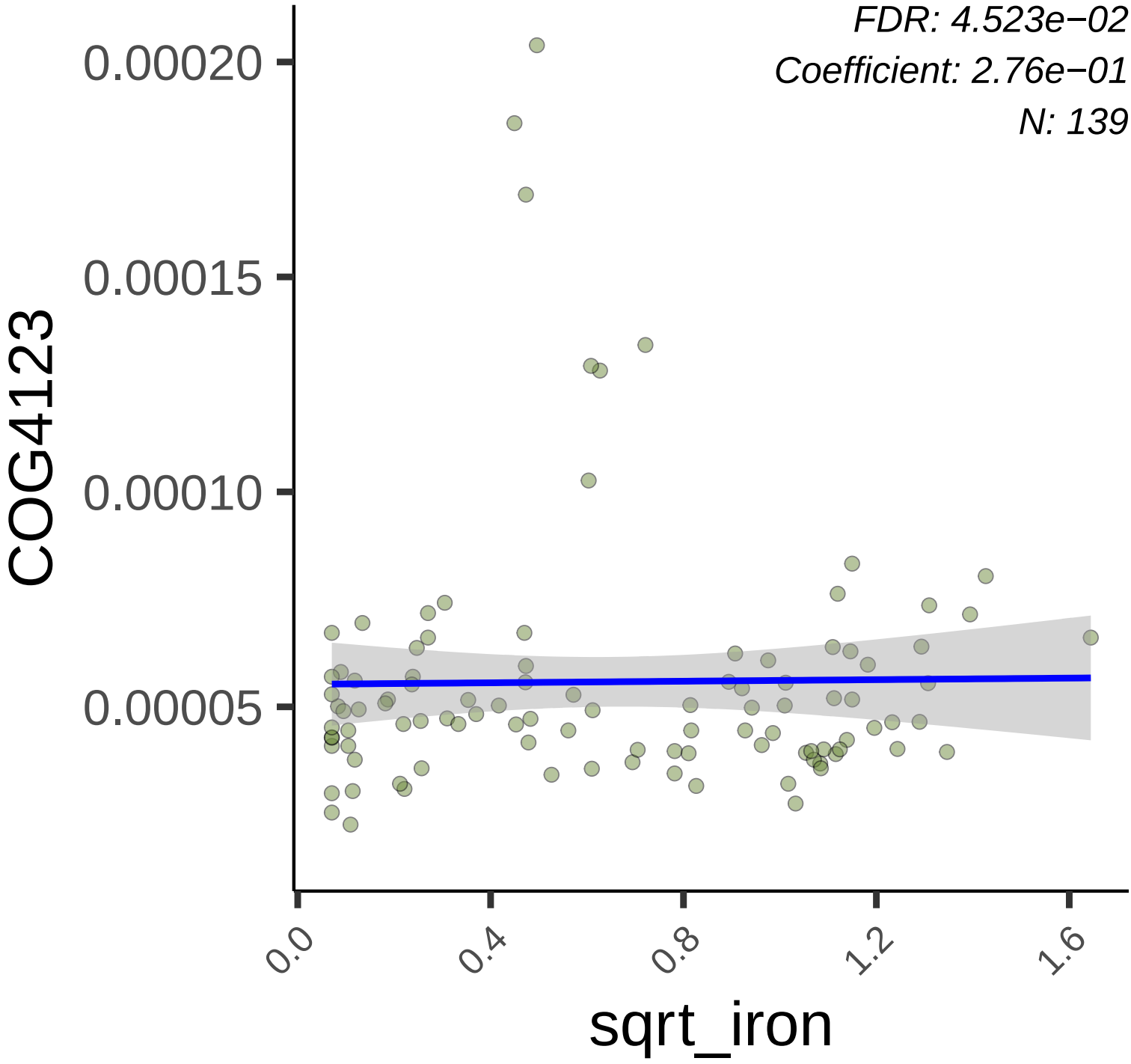
1.6
sqrt_iron


FDR: 4.523e−02
Coefficient: 2.76e−01
N: 139
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COG4123
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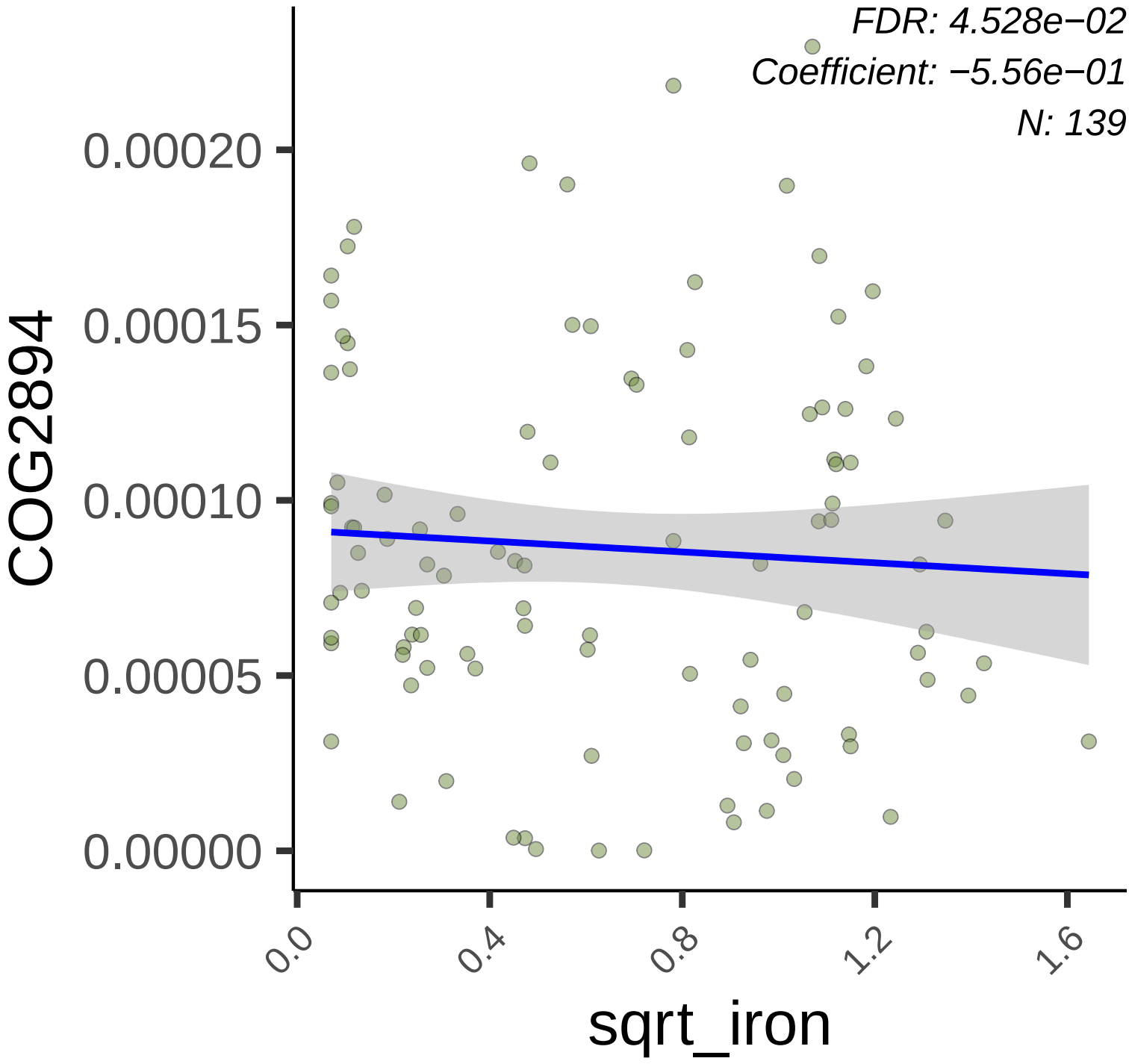
1.6
sqrt_iron


FDR: 4.528e−02
Coefficient: −5.56e−01
N: 139
COG2894
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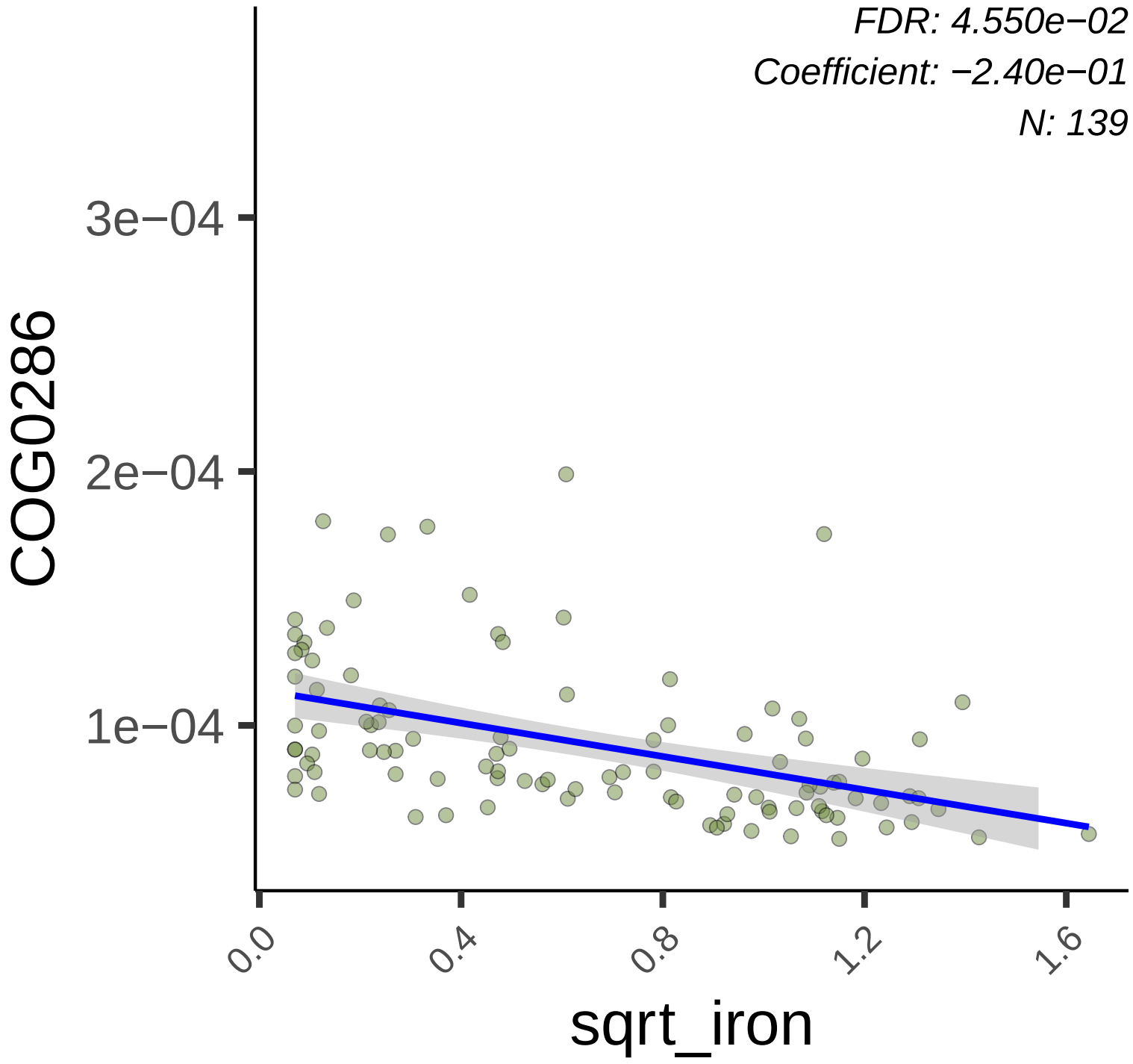
1.2
1.6
sqrt_iron


FDR: 4.550e−02
Coefficient: −2.40e−01
N: 139
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COG0286
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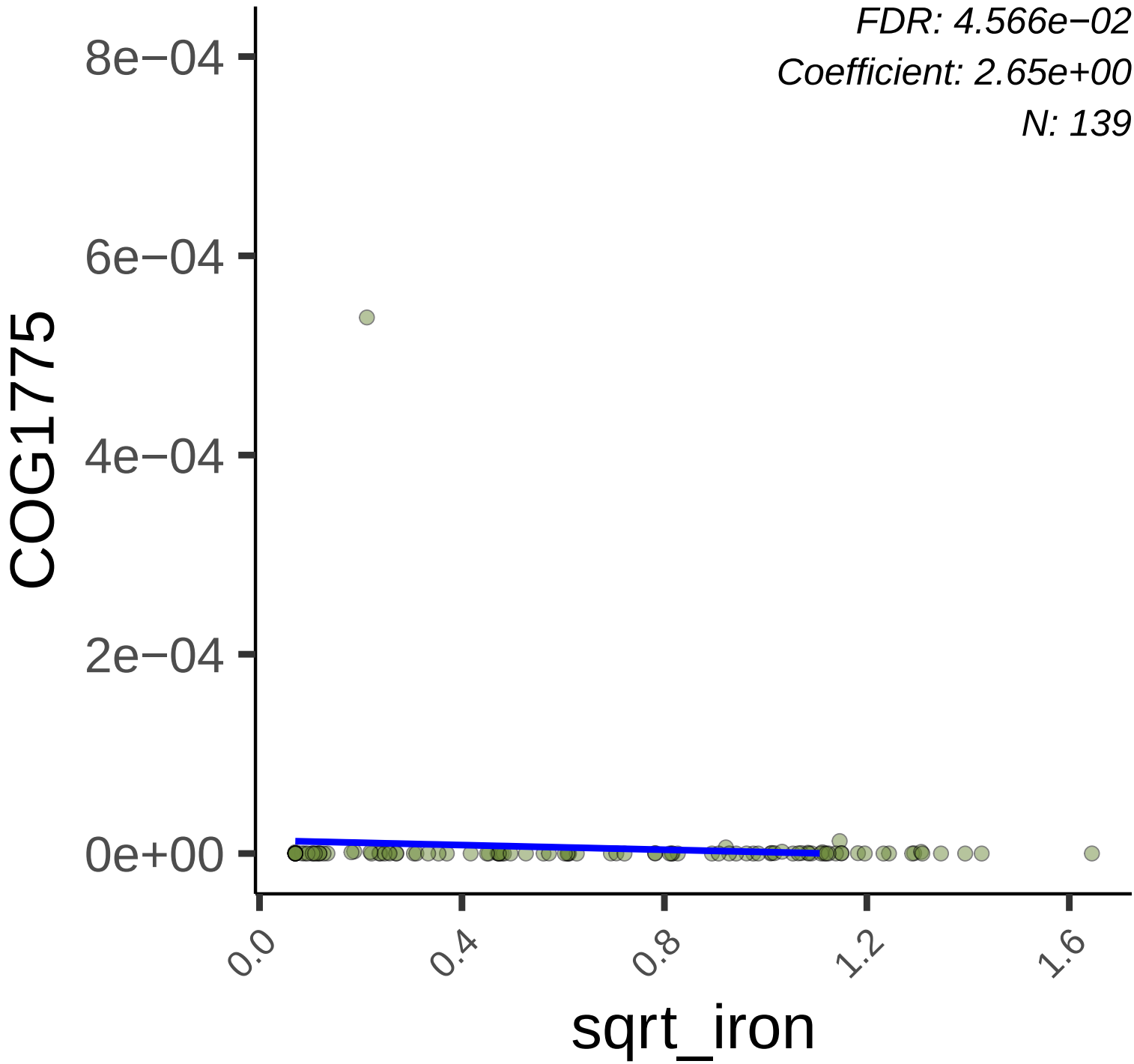
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.566e−02
Coefficient: 2.65e+00
N: 139
COG1775
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4e−04
2e−04
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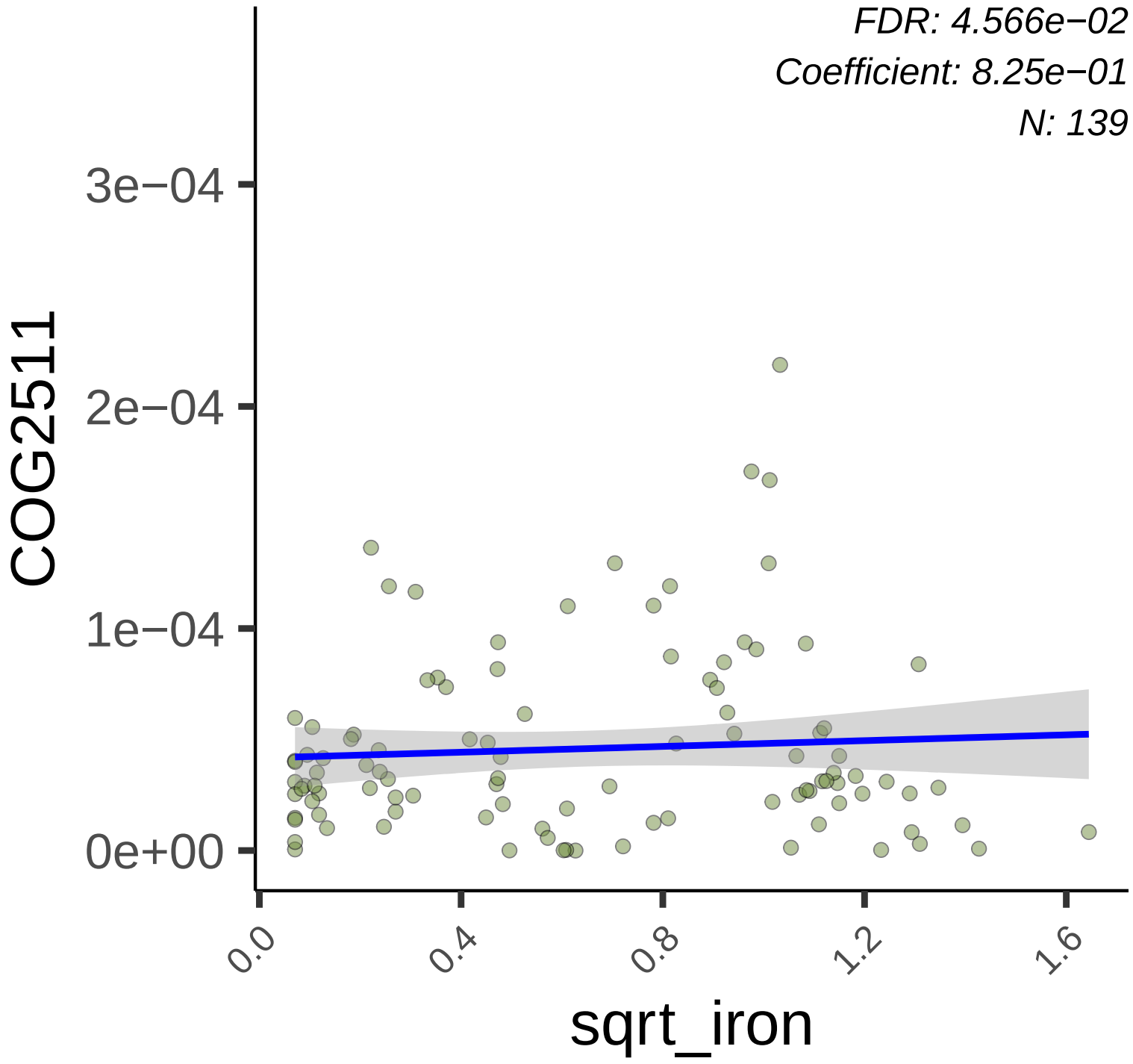
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.566e−02
Coefficient: 8.25e−01
N: 139
COG2511
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1e−04
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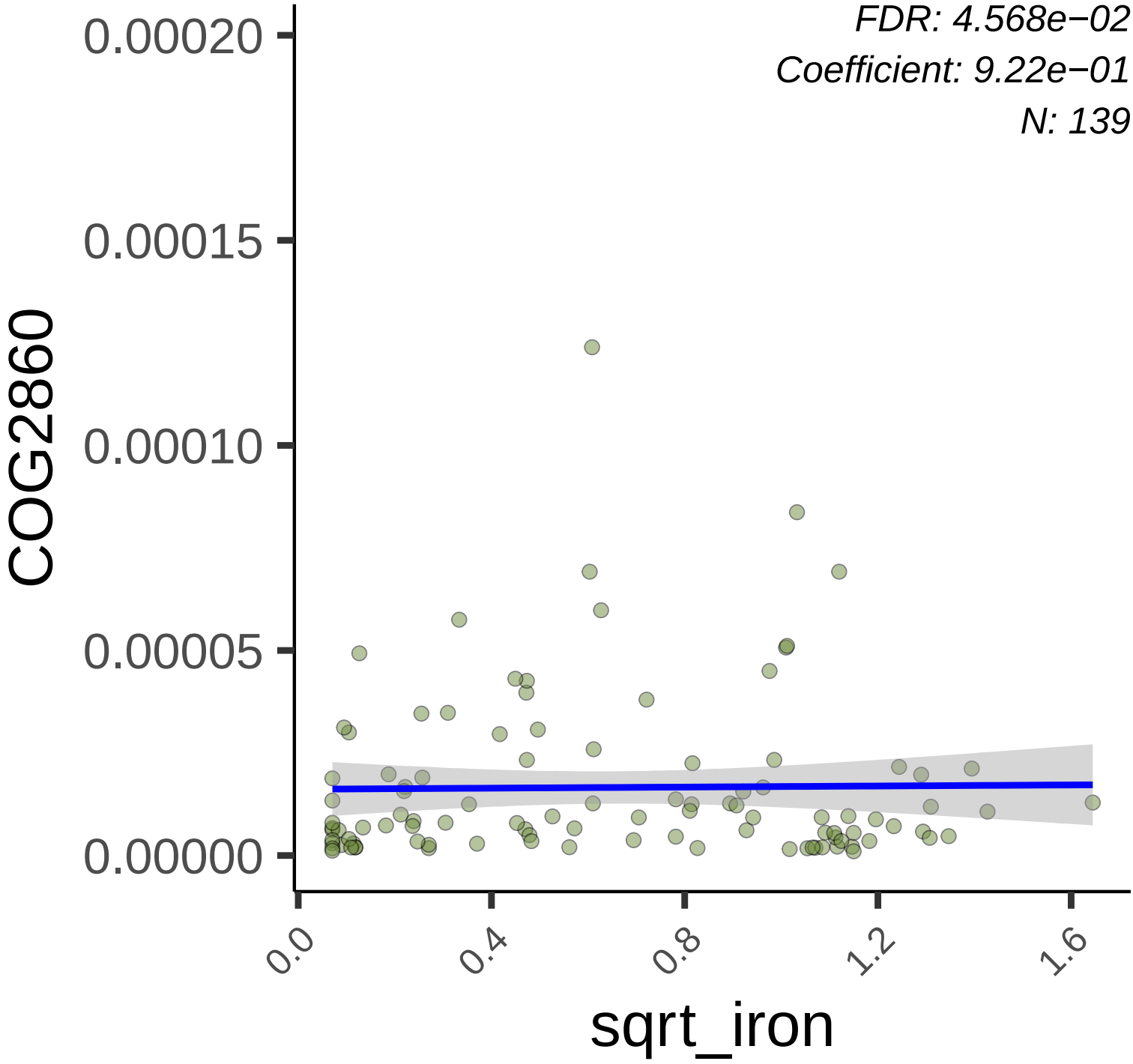
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.568e−02
Coefficient: 9.22e−01
N: 139
COG2860
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0.0
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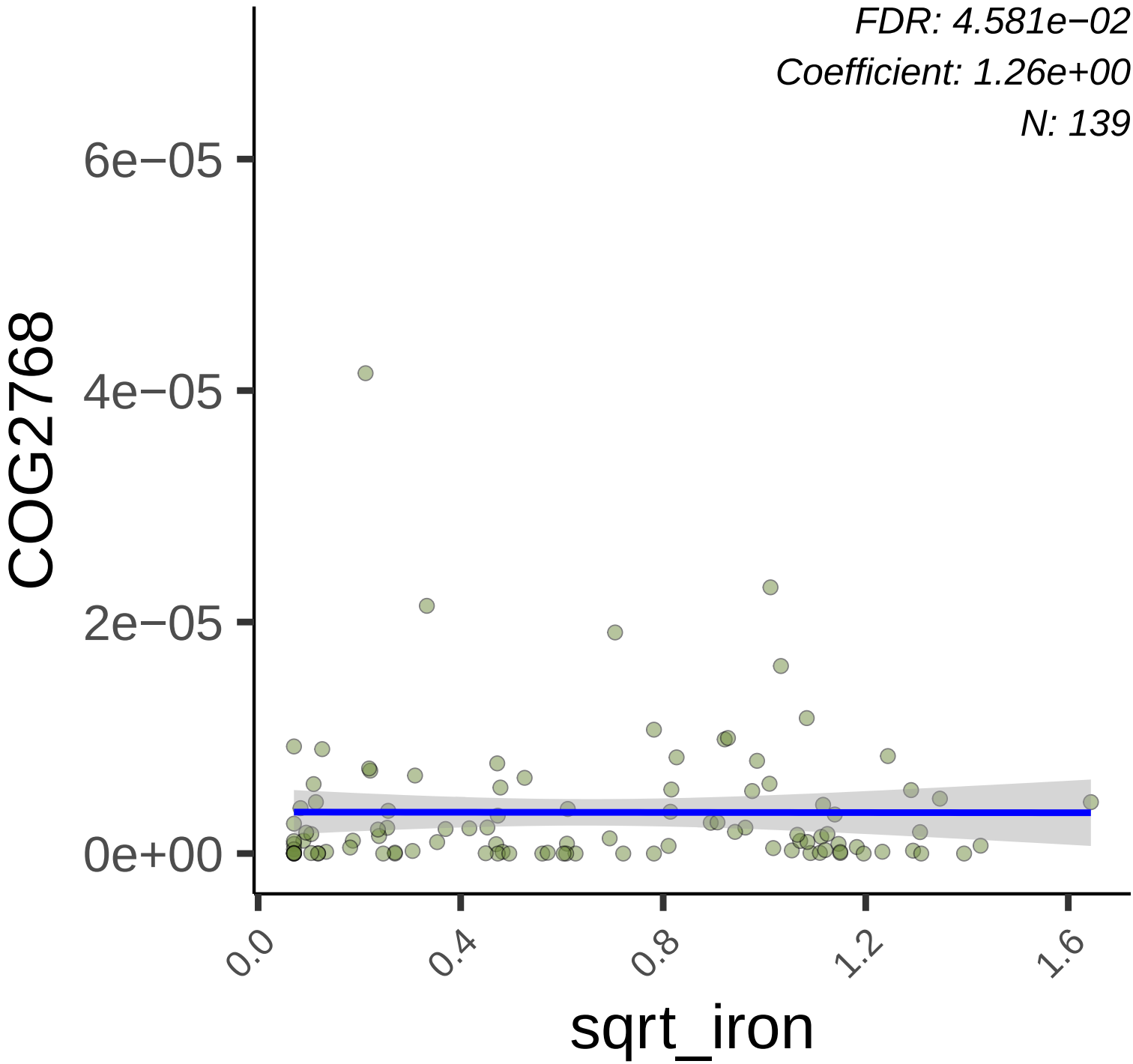
1.6
sqrt_iron


FDR: 4.581e−02
Coefficient: 1.26e+00
N: 139
COG2768
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0e+00
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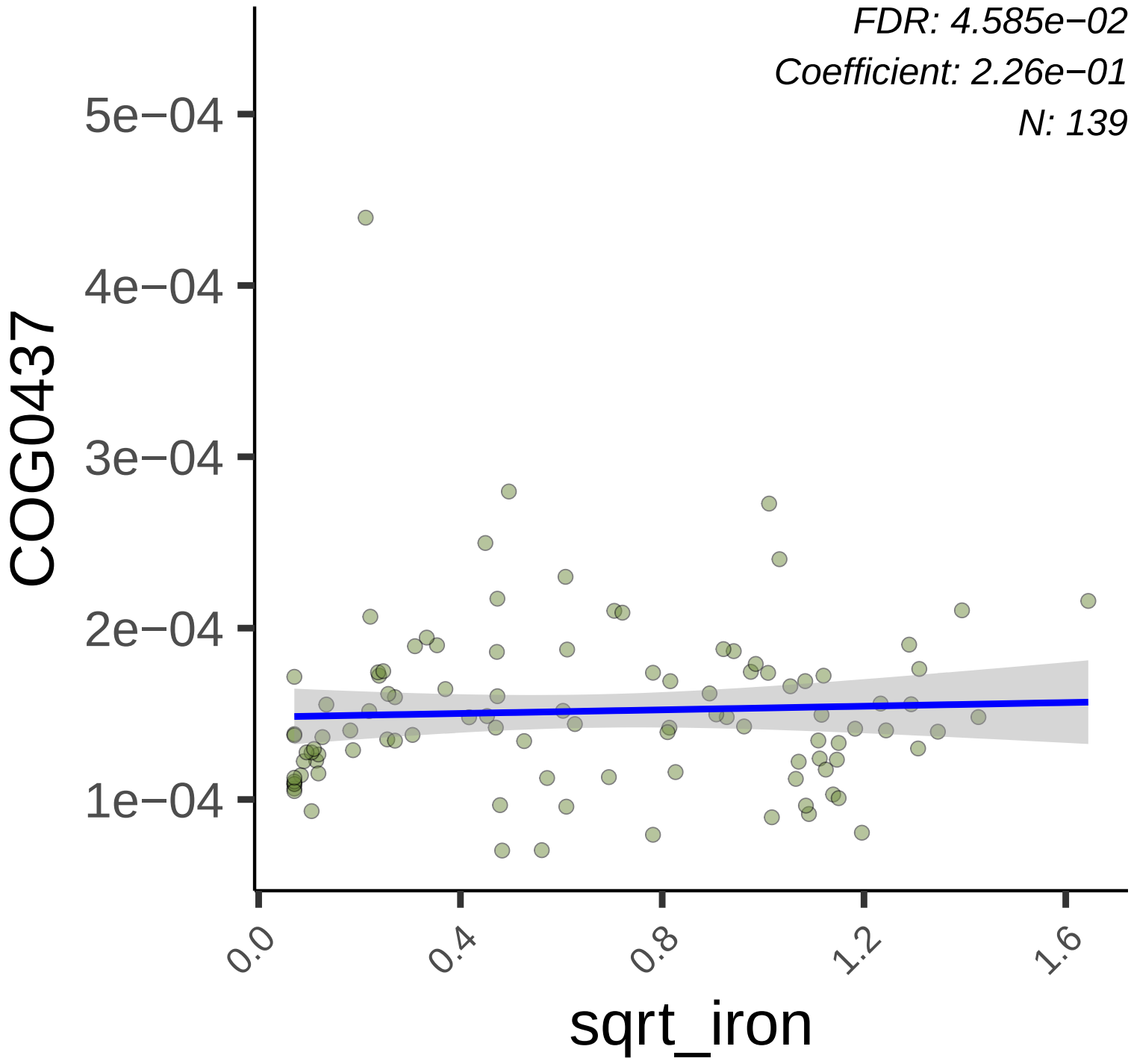
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.585e−02
Coefficient: 2.26e−01
N: 139
COG0437
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4e−04
3e−04
2e−04
1e−04
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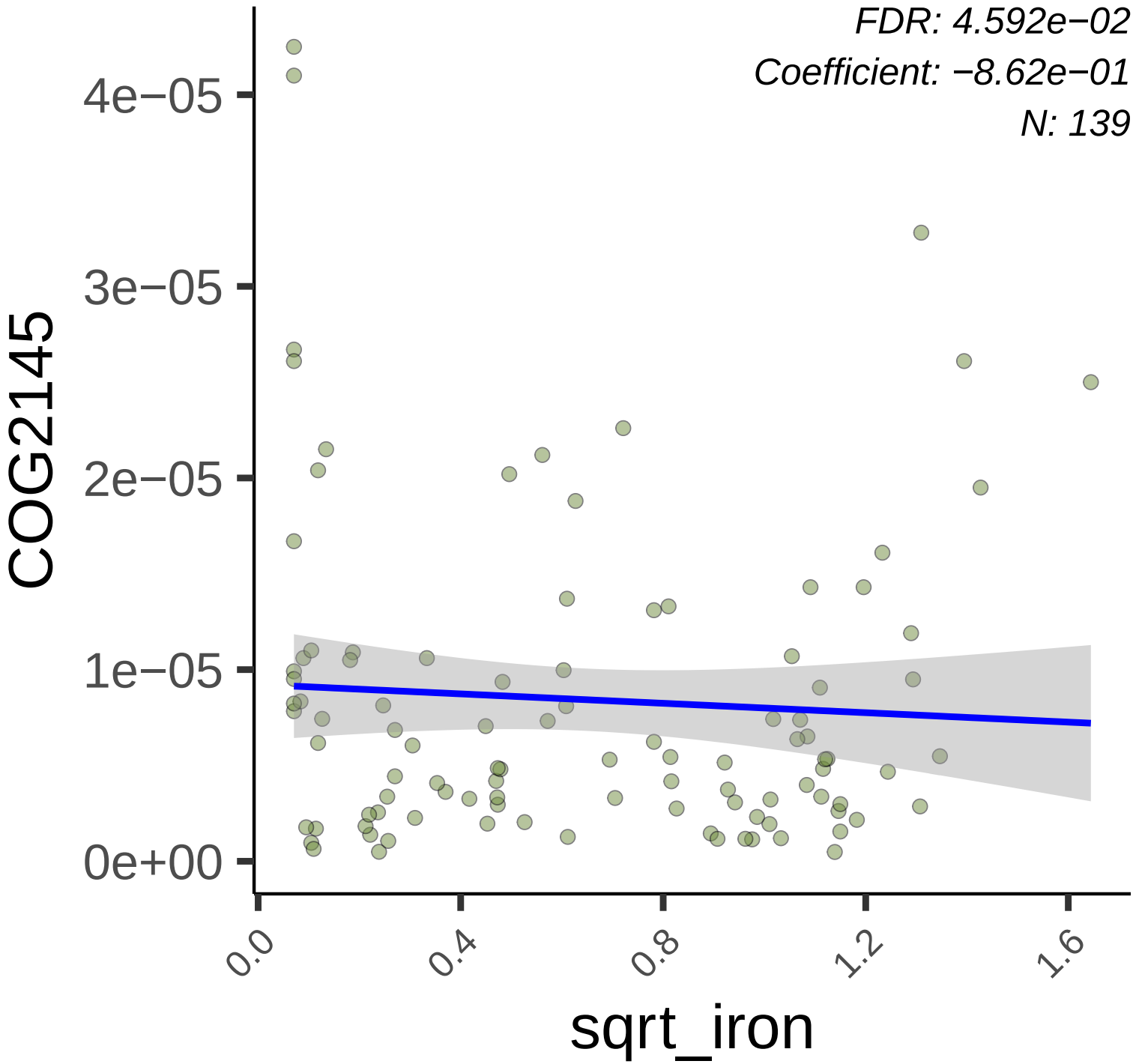
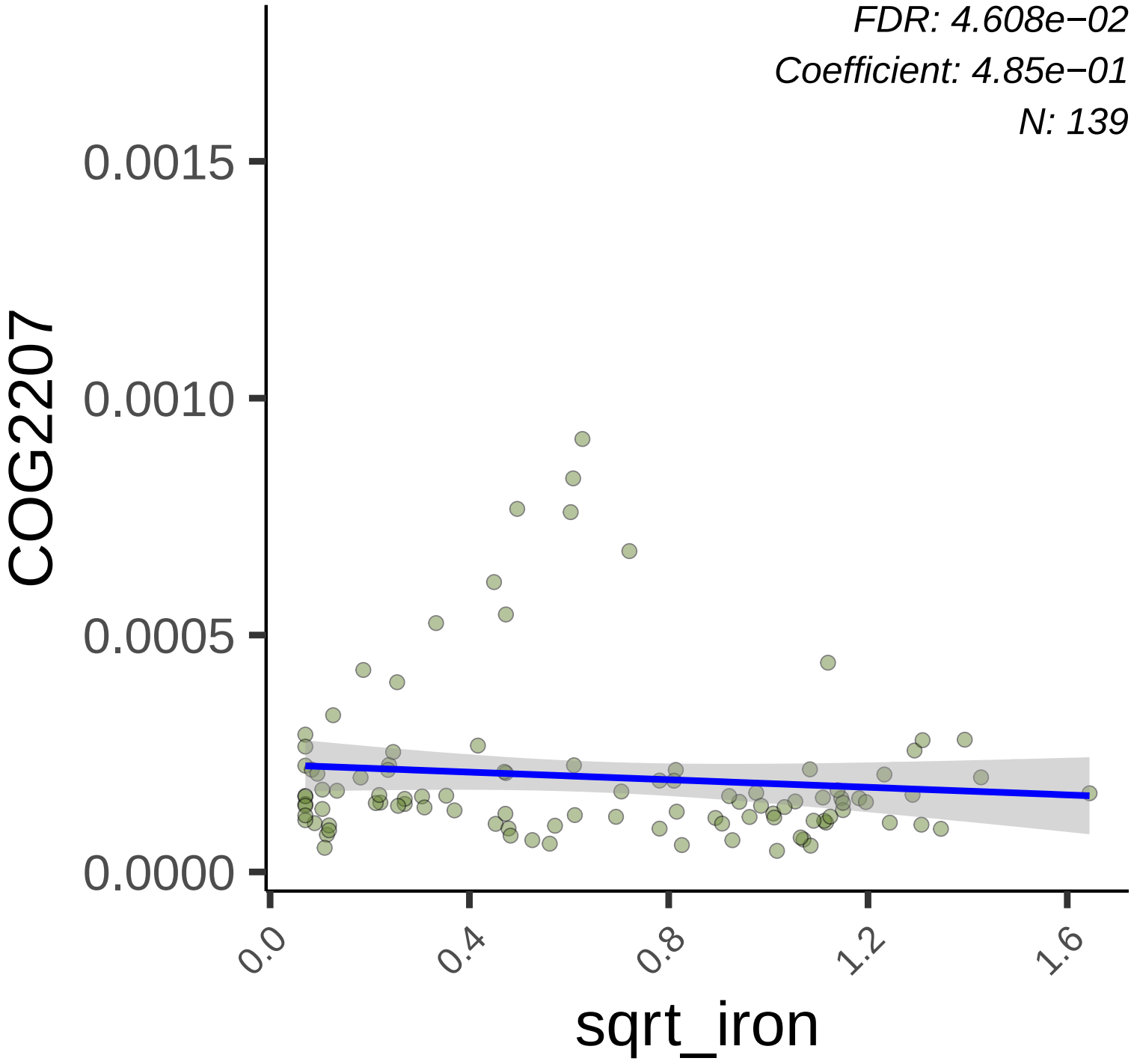
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.592e−02
Coefficient: −8.62e−01
N: 139
COG2145
4e−05
3e−05
2e−05
1e−05
0e+00
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.608e−02
Coefficient: 4.85e−01
N: 139
COG2207
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0.0005
0.0000
0.0
0.4
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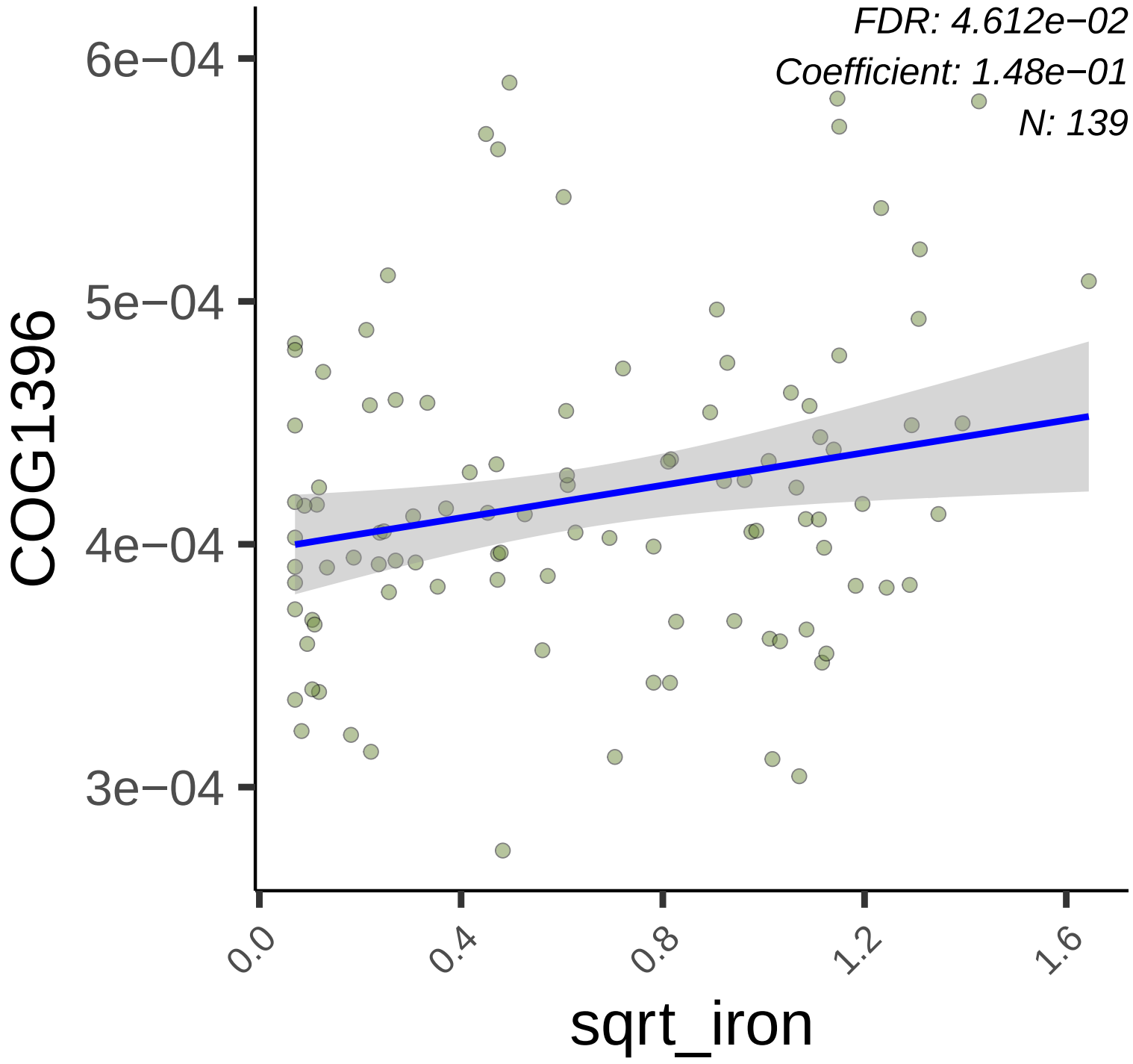
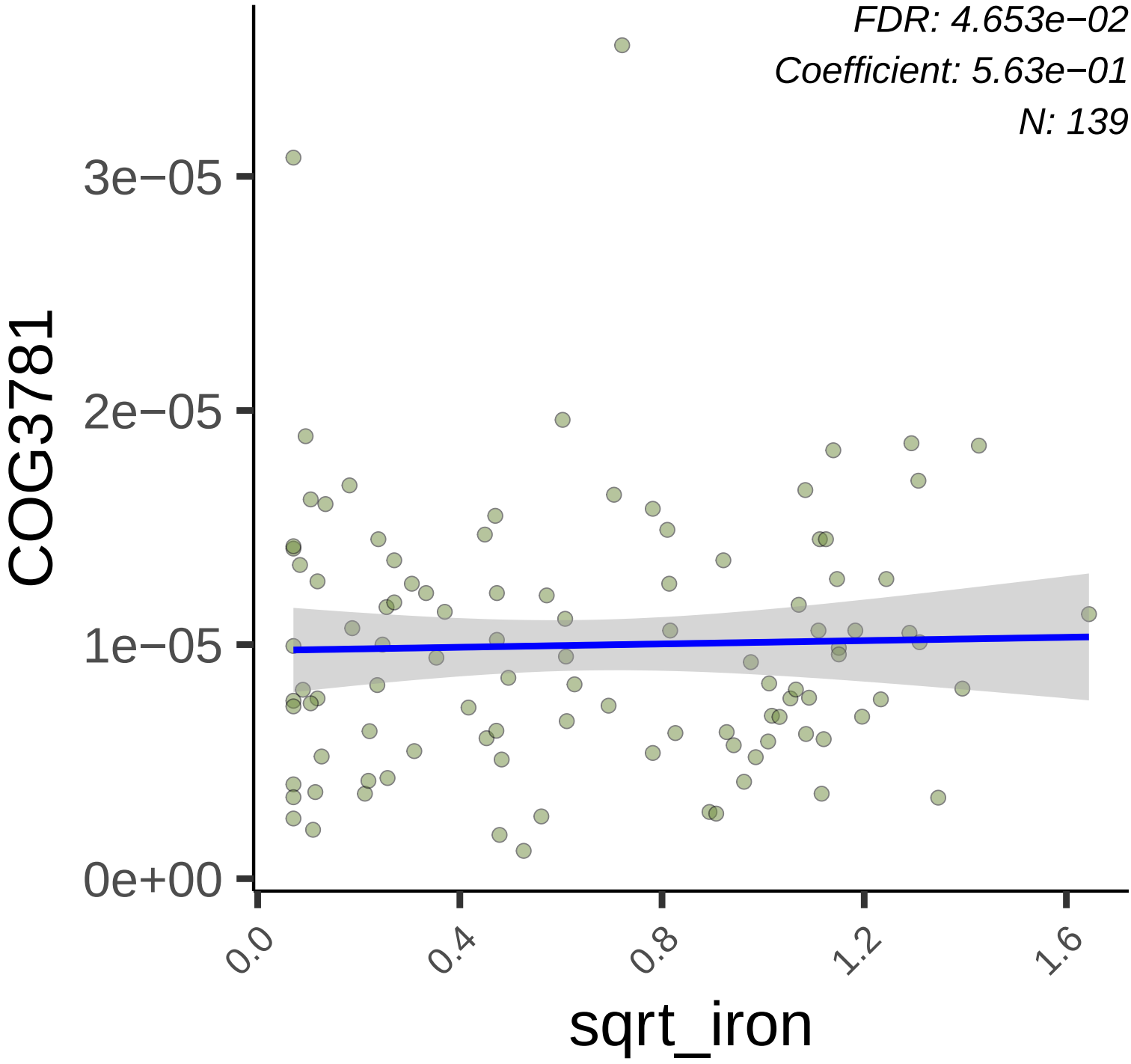
1.2
1.6
sqrt_iron


FDR: 4.612e−02
Coefficient: 1.48e−01
N: 139
6e−04
5e−04
4e−04
3e−04
COG1396
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.653e−02
Coefficient: 5.63e−01
N: 139
COG3781
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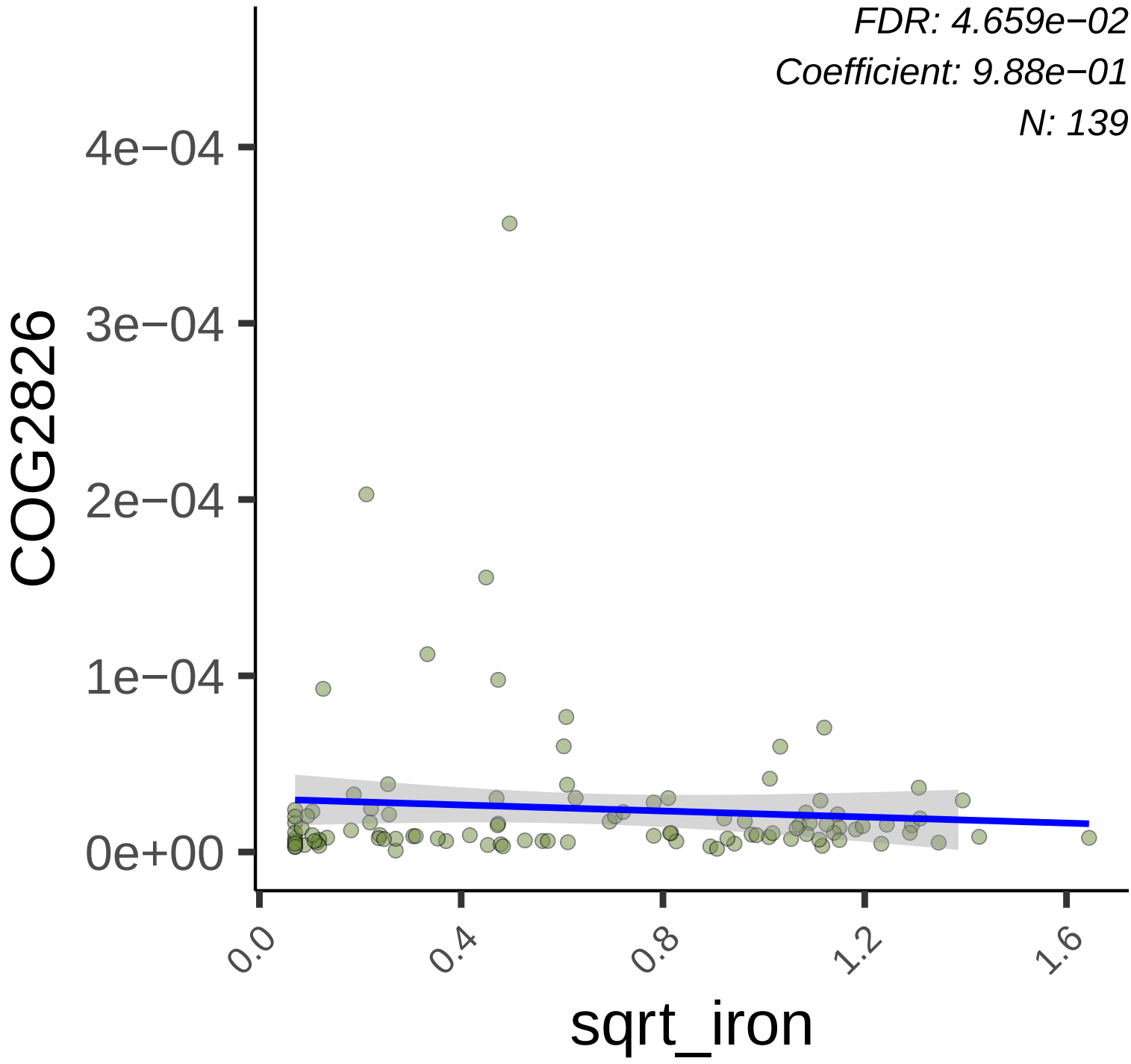
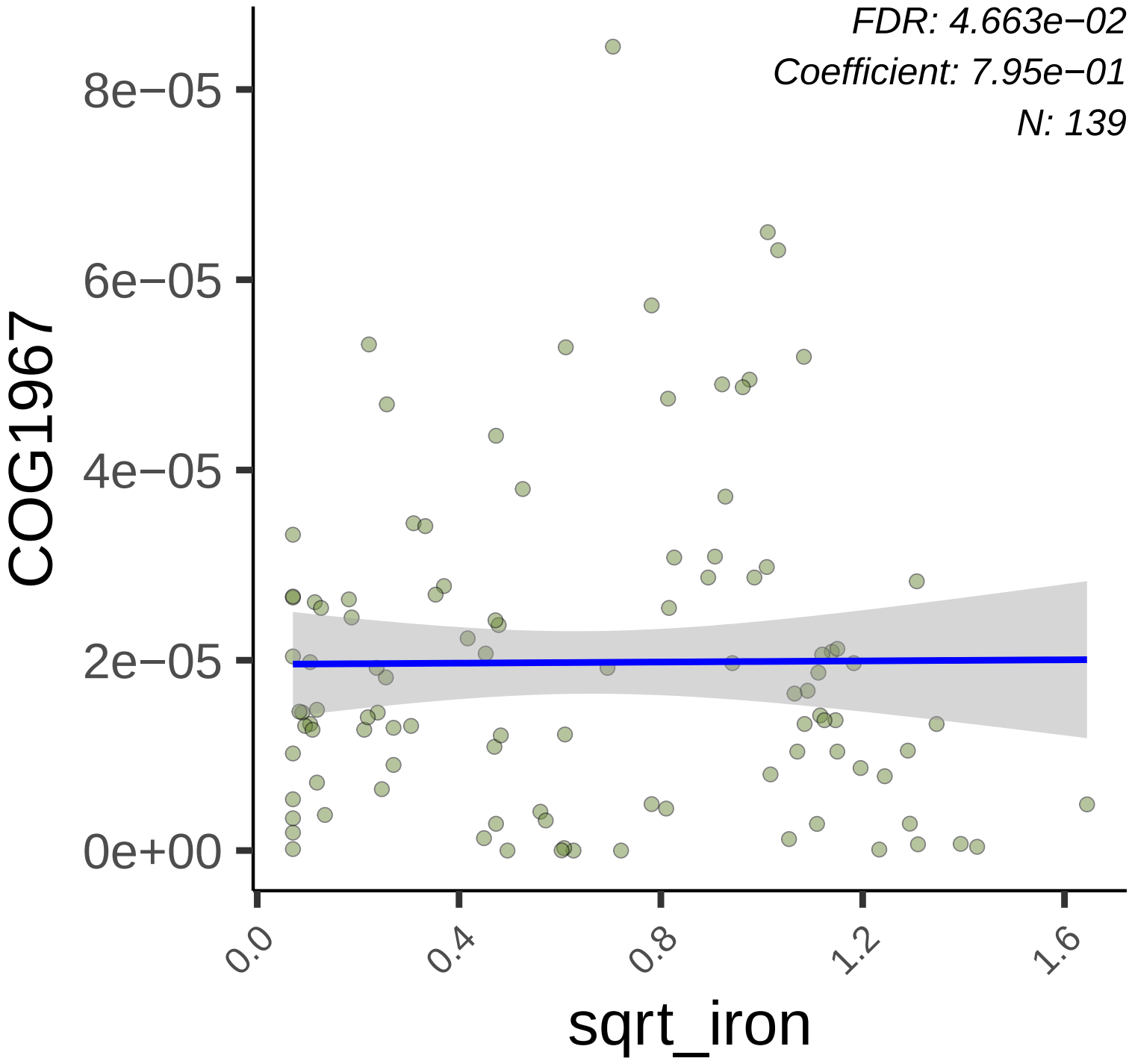
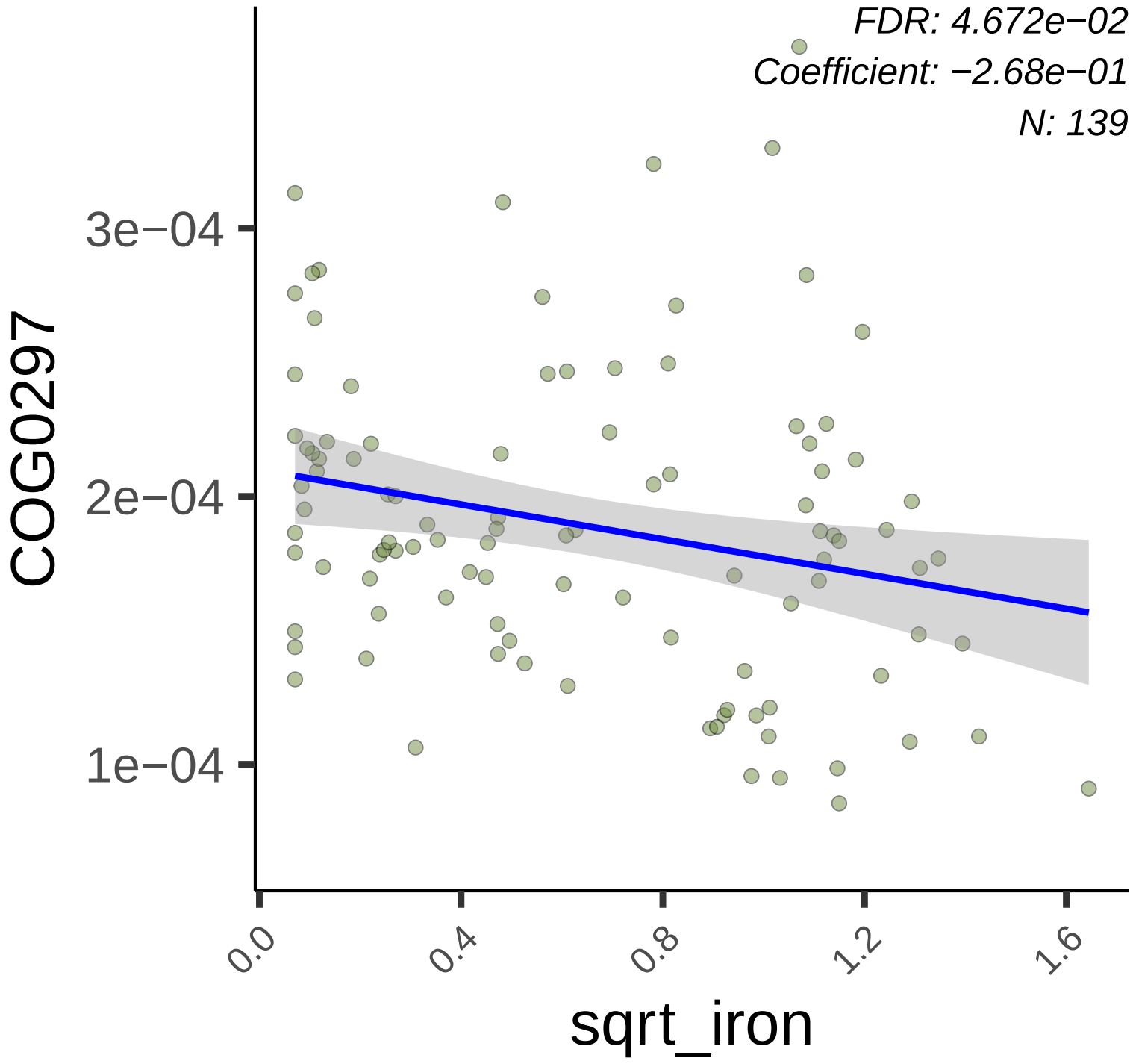
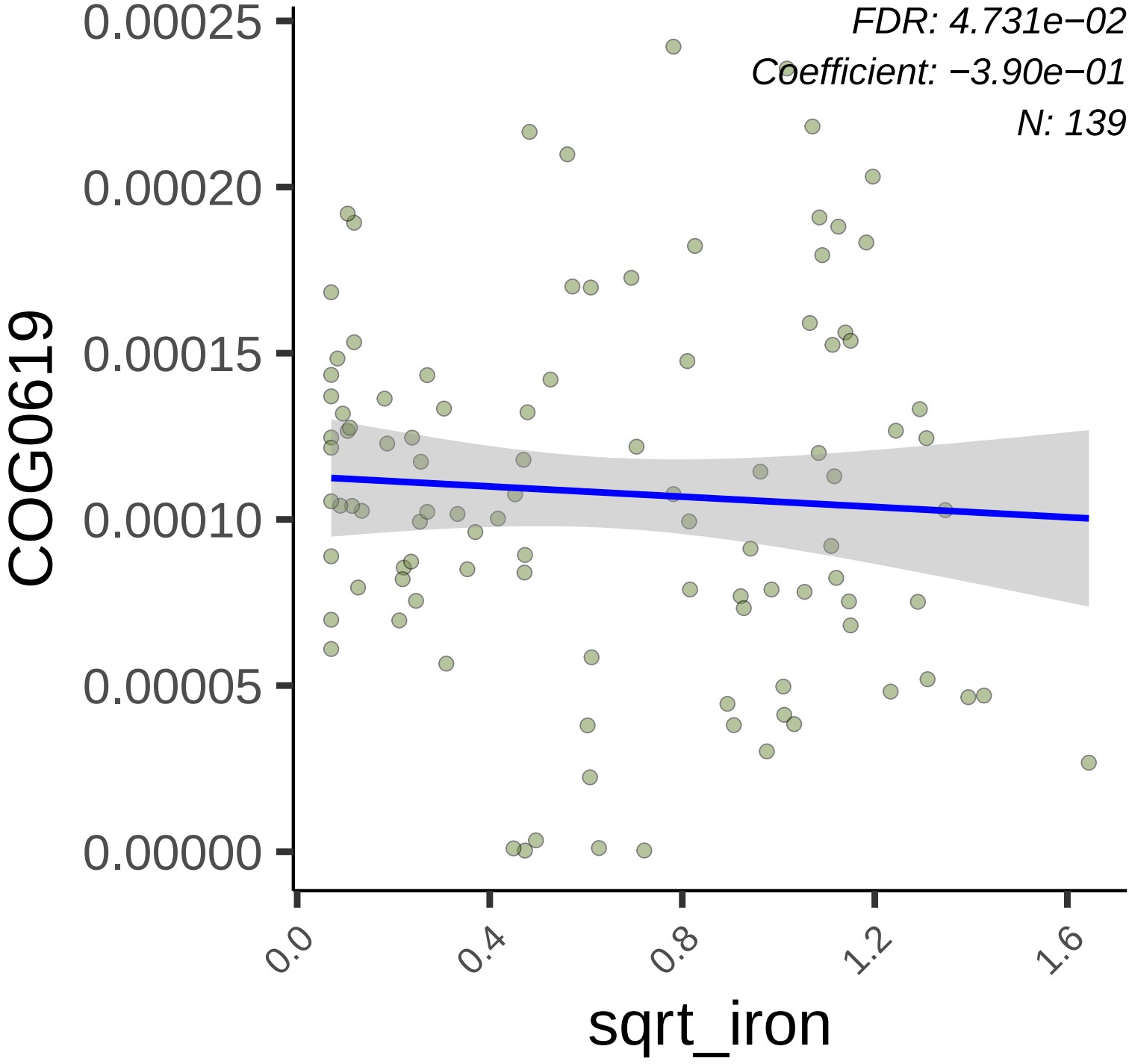
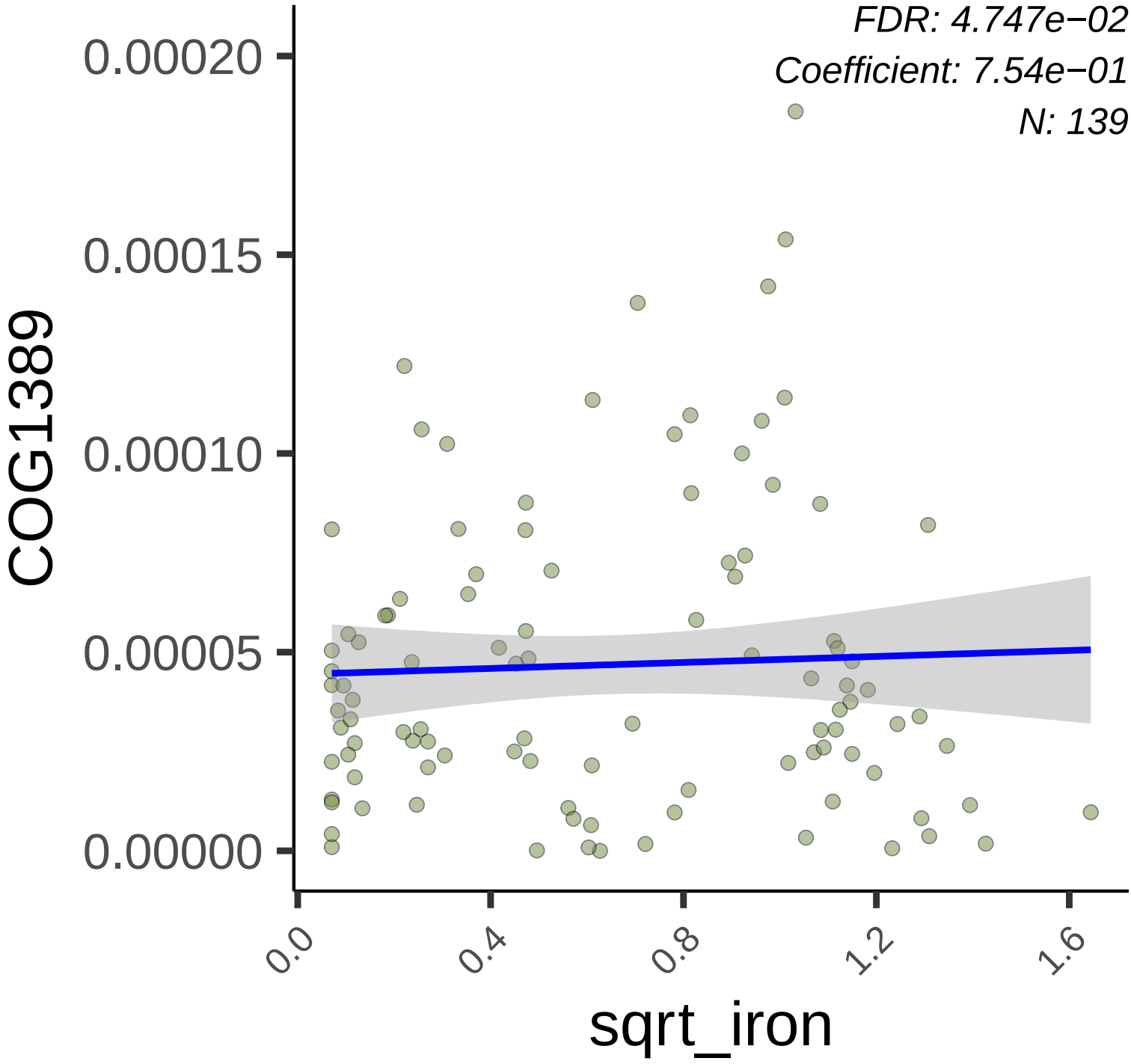
2e−05
1e−05
0e+00
0.0
0.4
0.8
1.2
1.6
sqrt_iron

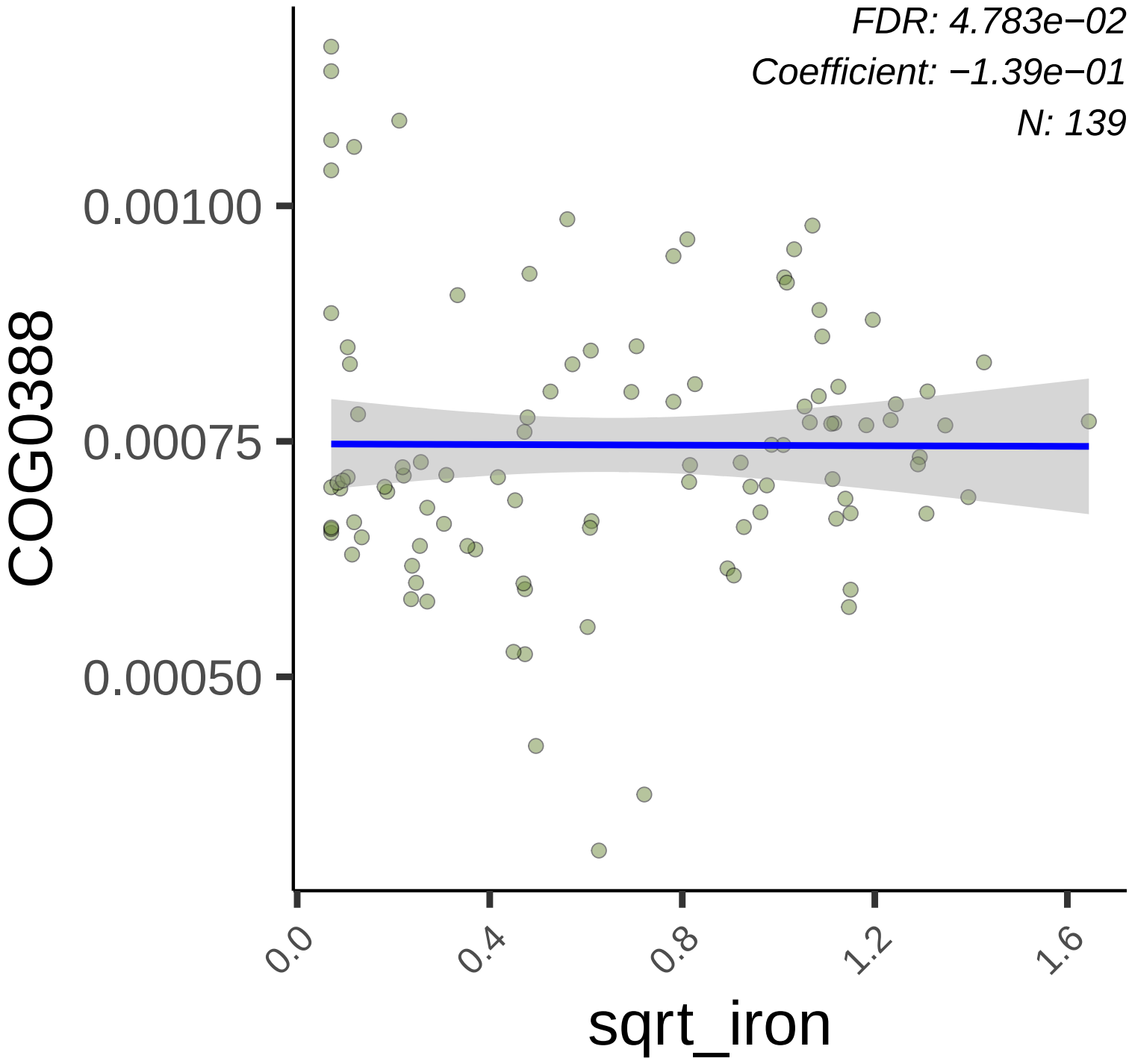

FDR: 4.659e−02
Coefficient: 9.88e−01
N: 139
COG2826
4e−04
3e−04
2e−04
1e−04
0e+00
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.663e−02
Coefficient: 7.95e−01
N: 139
COG1967
8e−05
6e−05
4e−05
2e−05
0e+00
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.672e−02
Coefficient: −2.68e−01
N: 139
COG0297
3e−04
2e−04
1e−04
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.731e−02
Coefficient: −3.90e−01
N: 139
0.00025
0.00020
0.00015
0.00010
0.00005
0.00000
COG0619
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.747e−02
Coefficient: 7.54e−01
N: 139
0.00020
0.00015
0.00010
0.00005
0.00000
COG1389
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.783e−02
Coefficient: −1.39e−01
N: 139
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0.00075
0.00050
COG0388
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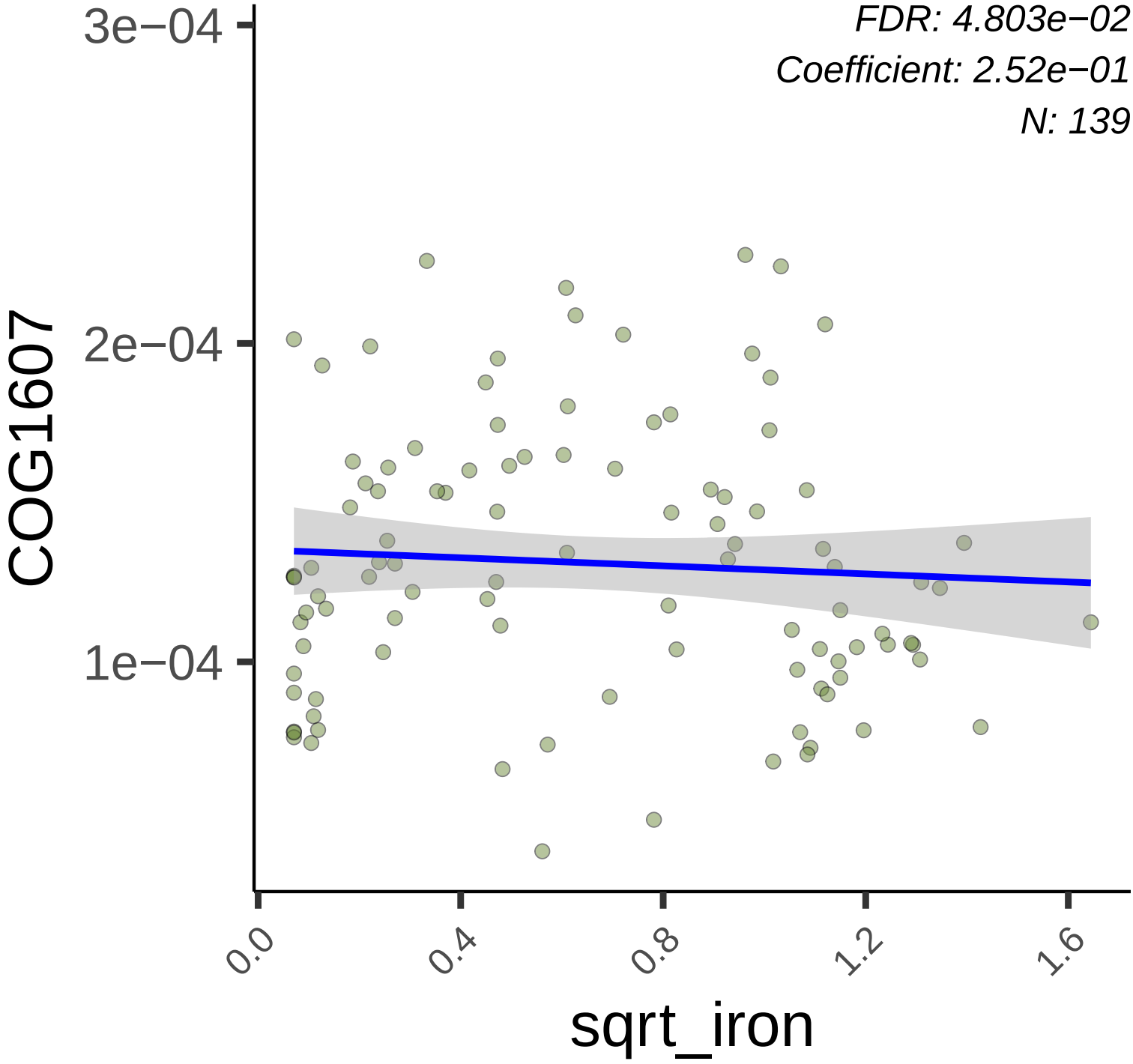
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.803e−02
Coefficient: 2.52e−01
N: 139
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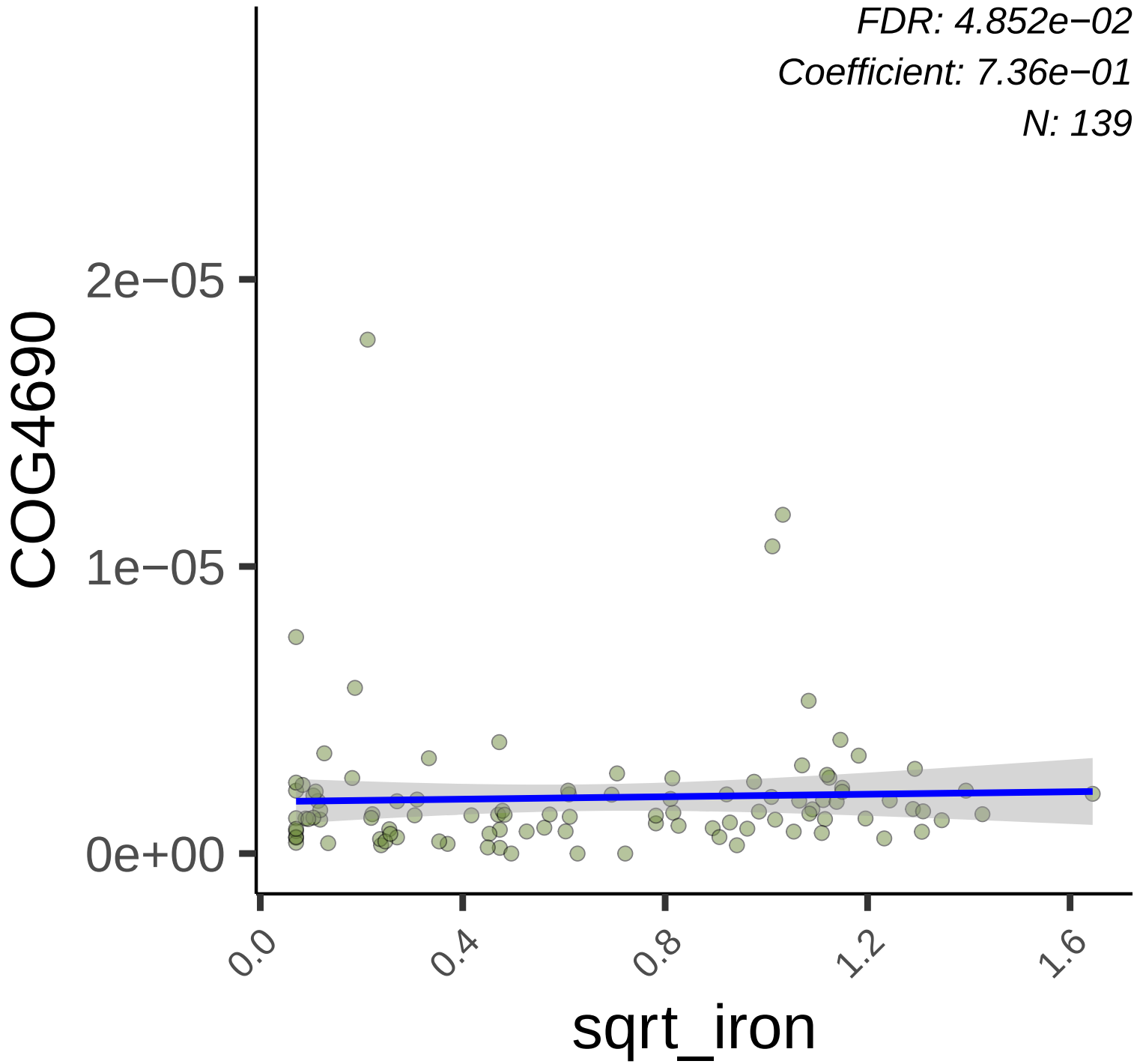
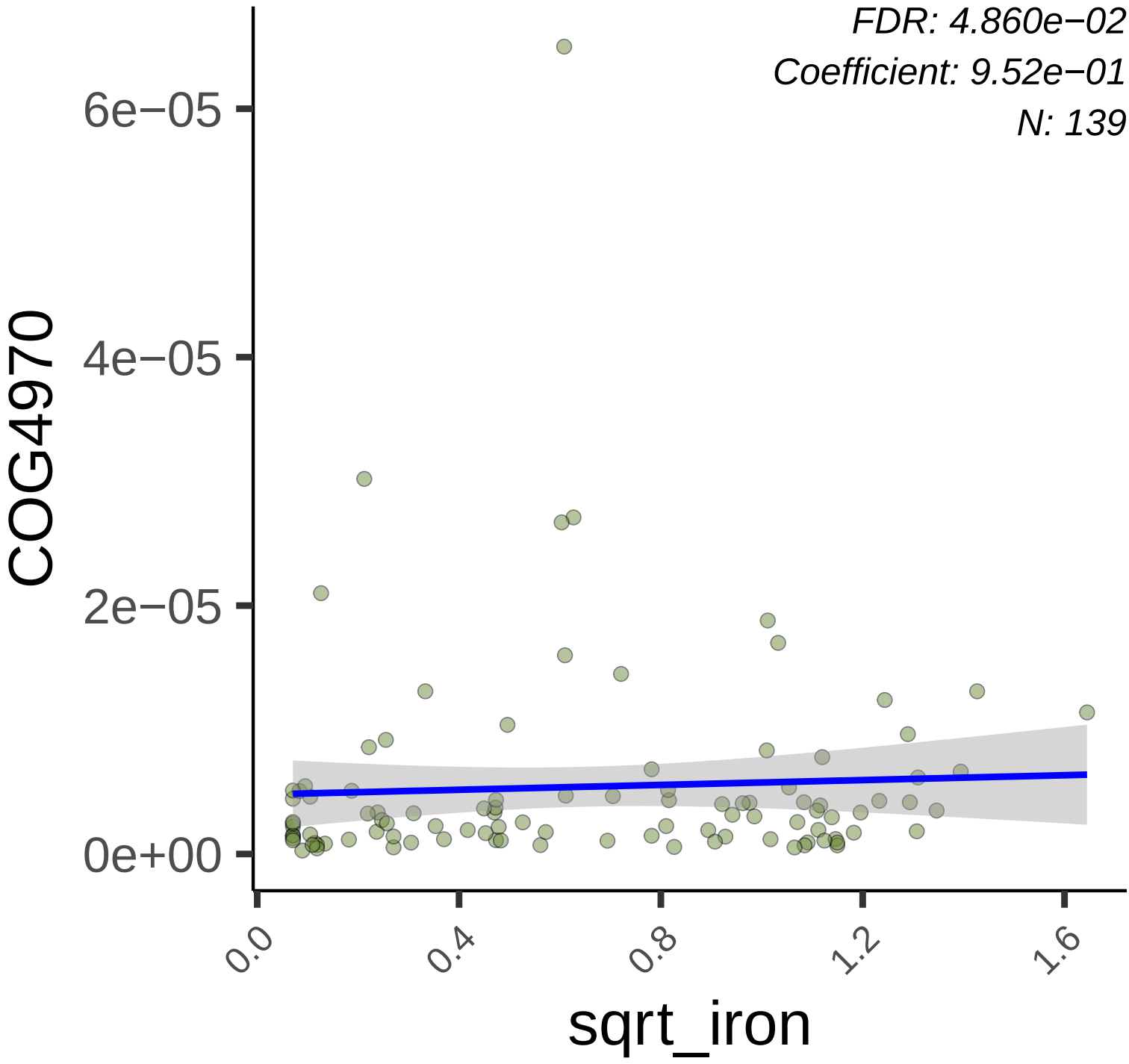
2e−04
1e−04
COG1607
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.852e−02
Coefficient: 7.36e−01
N: 139
COG4690
2e−05
1e−05
0e+00
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.860e−02
Coefficient: 9.52e−01
N: 139
COG4970
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4e−05
2e−05
0e+00
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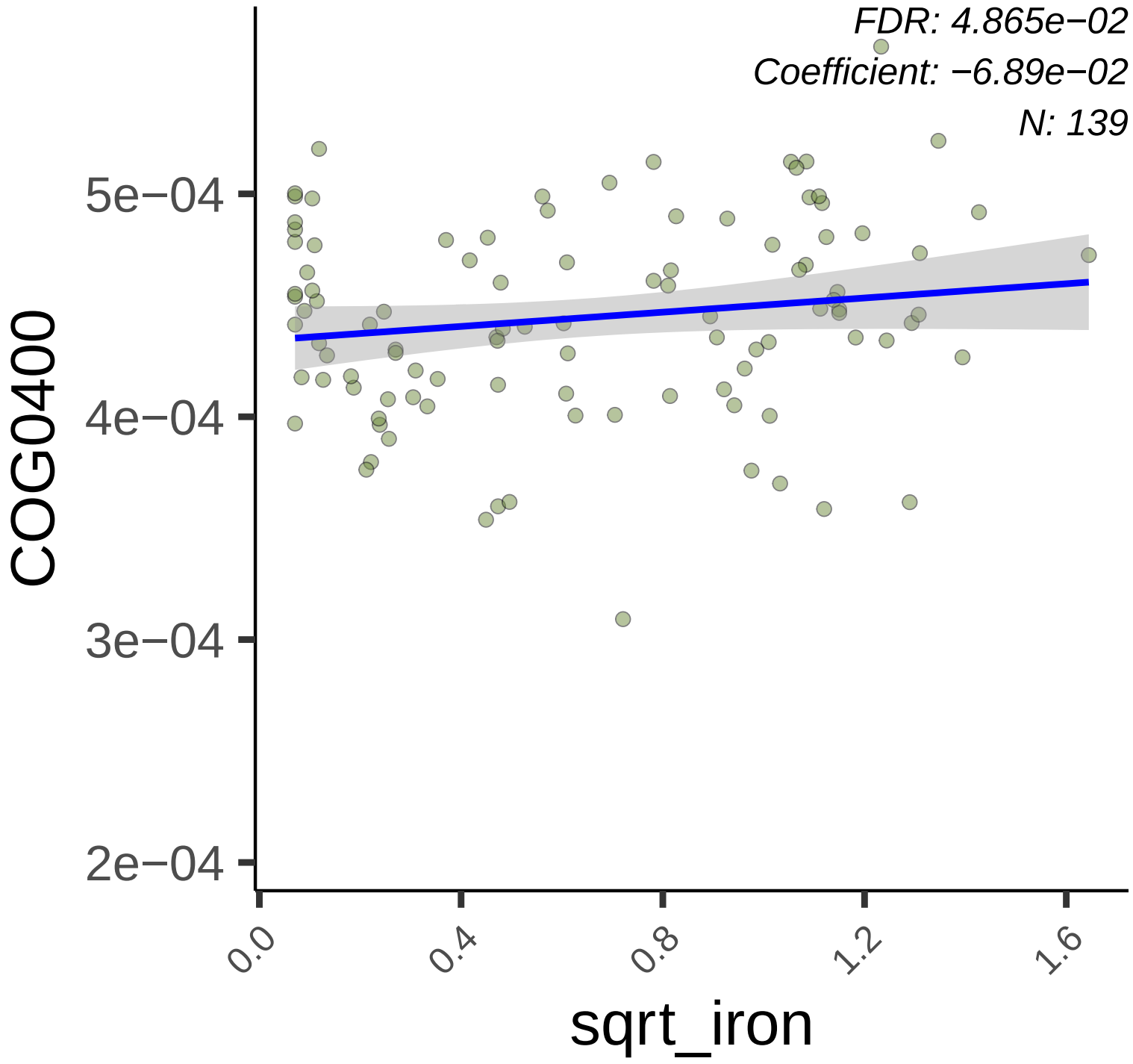
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.865e−02
Coefficient: −6.89e−02
N: 139
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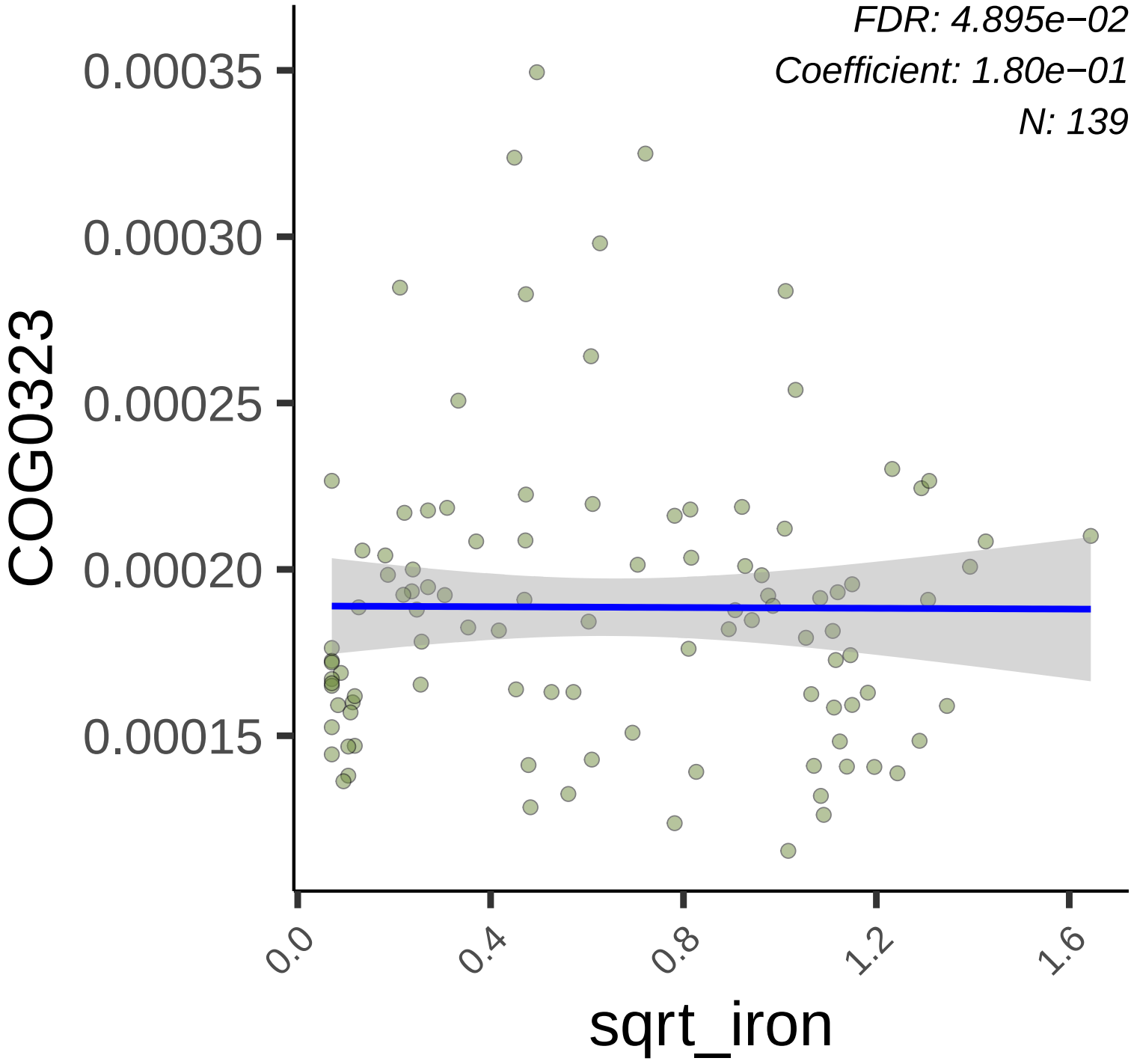
4e−04
3e−04
2e−04
COG0400
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.895e−02
Coefficient: 1.80e−01
N: 139
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0.00020
0.00015
COG0323
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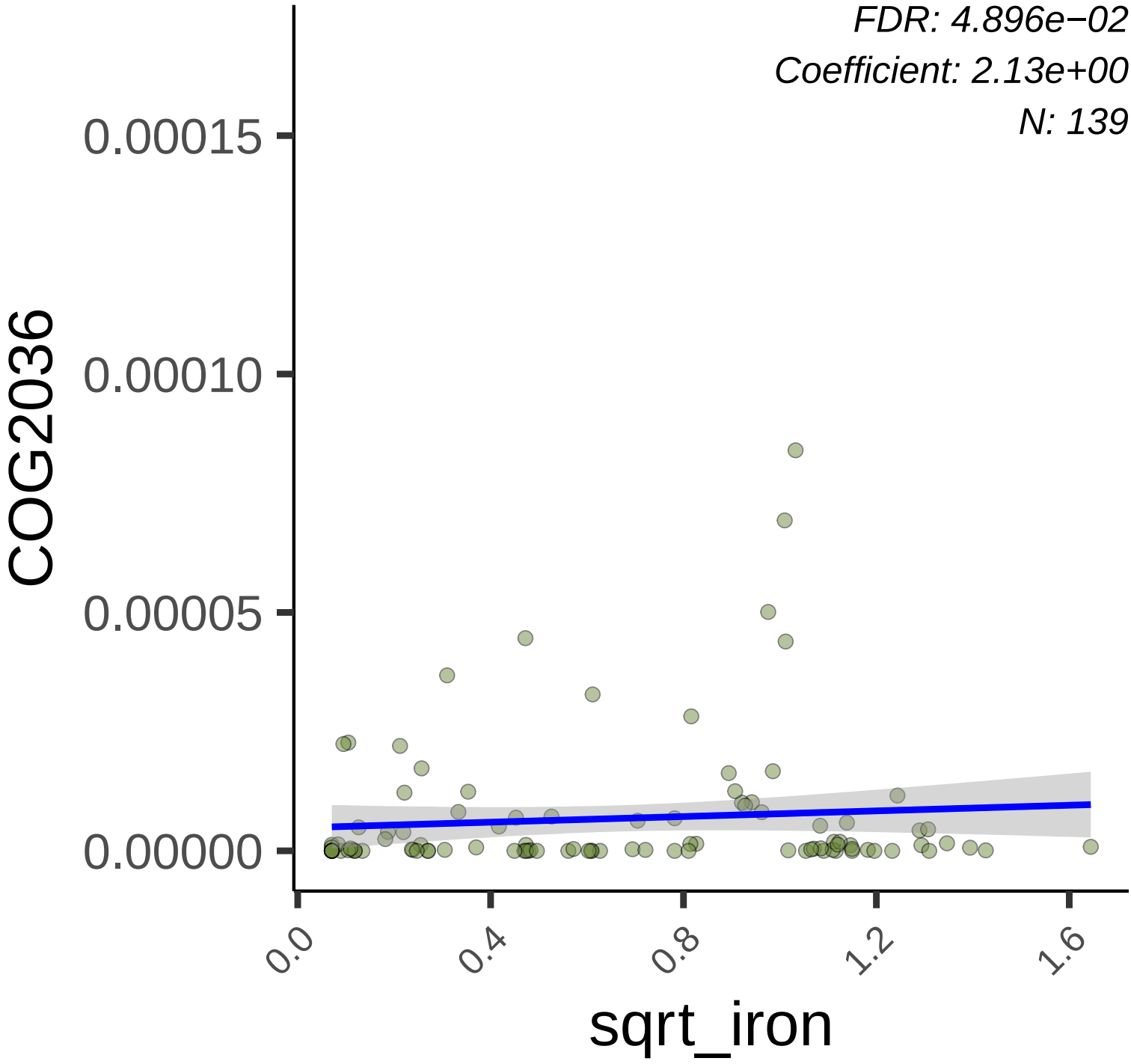
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.896e−02
Coefficient: 2.13e+00
N: 139
COG2036
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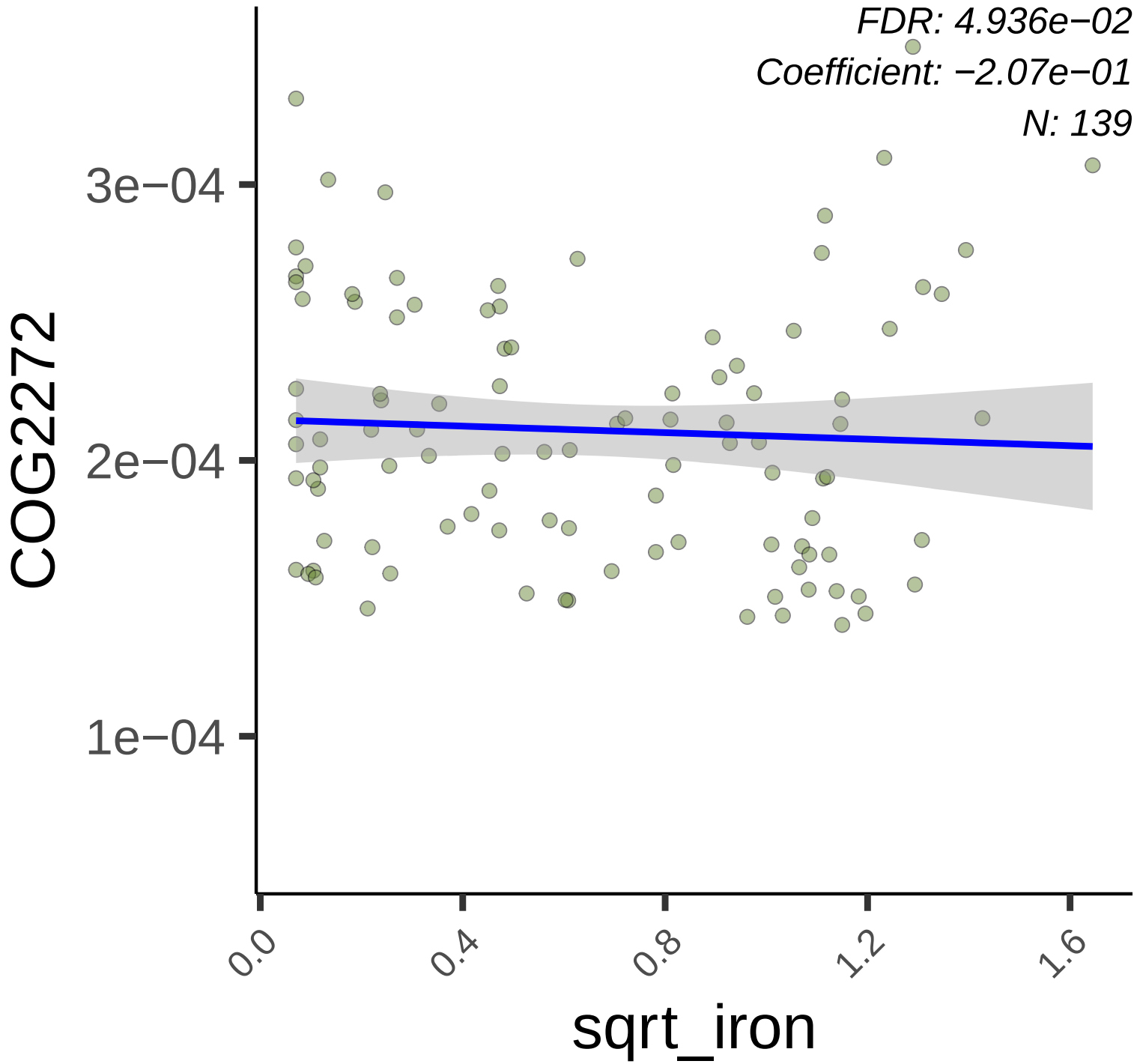
0.00010
0.00005
0.00000
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.936e−02
Coefficient: −2.07e−01
N: 139
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2e−04
1e−04
COG2272
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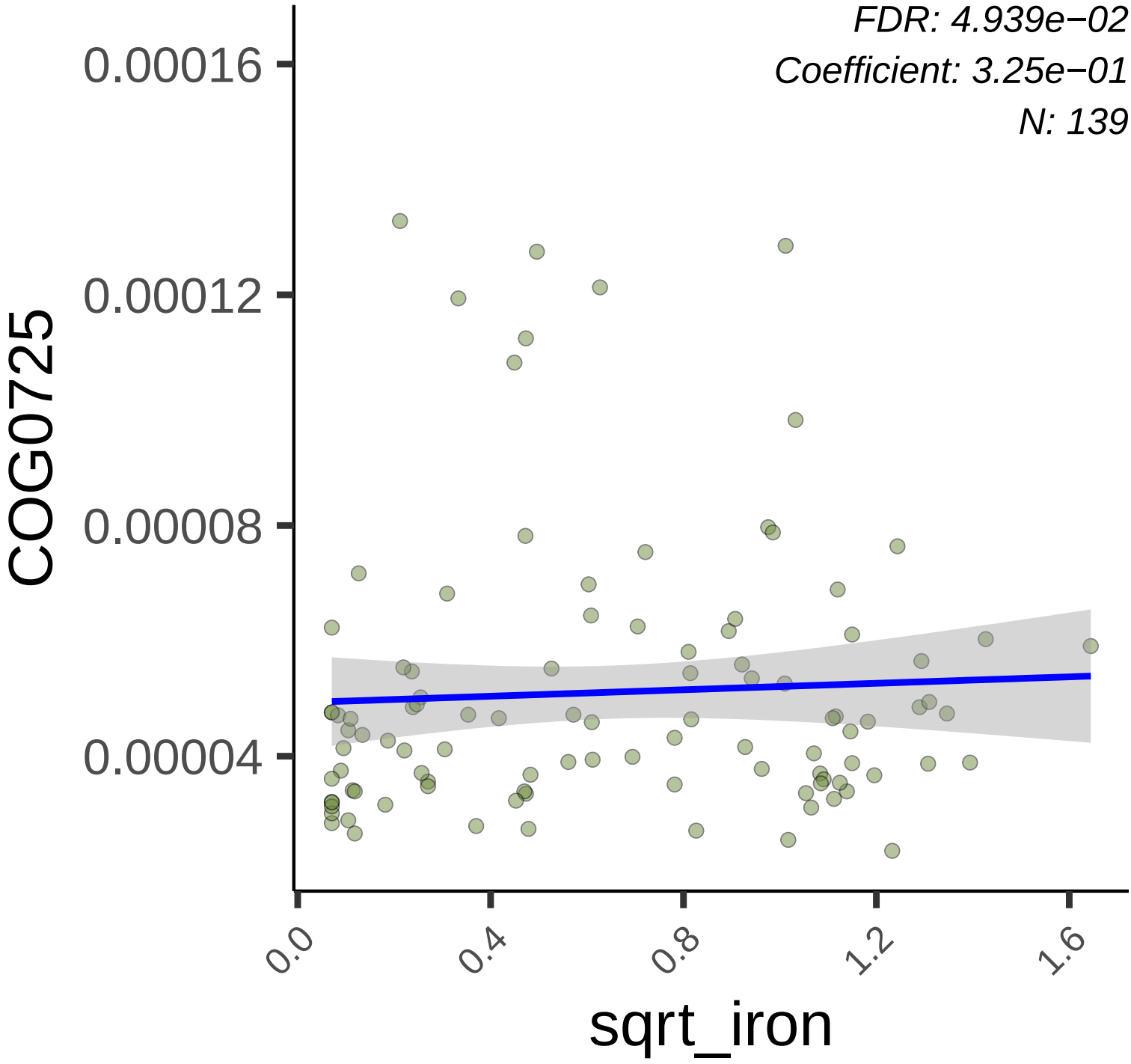
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.939e−02
Coefficient: 3.25e−01
N: 139
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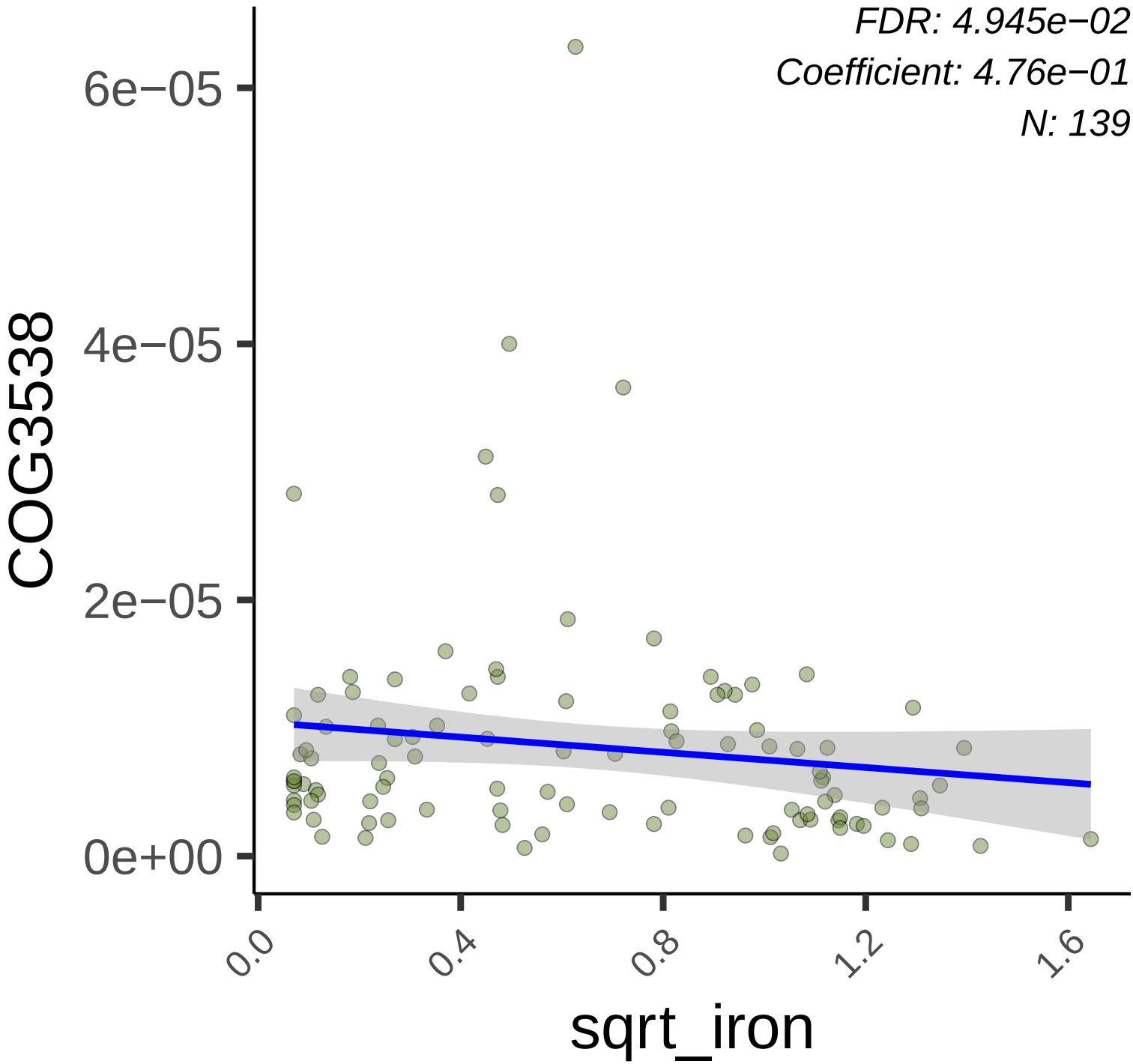
0.00012
0.00008
0.00004
COG0725
0.0
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.945e−02
Coefficient: 4.76e−01
N: 139
COG3538
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4e−05
2e−05
0e+00
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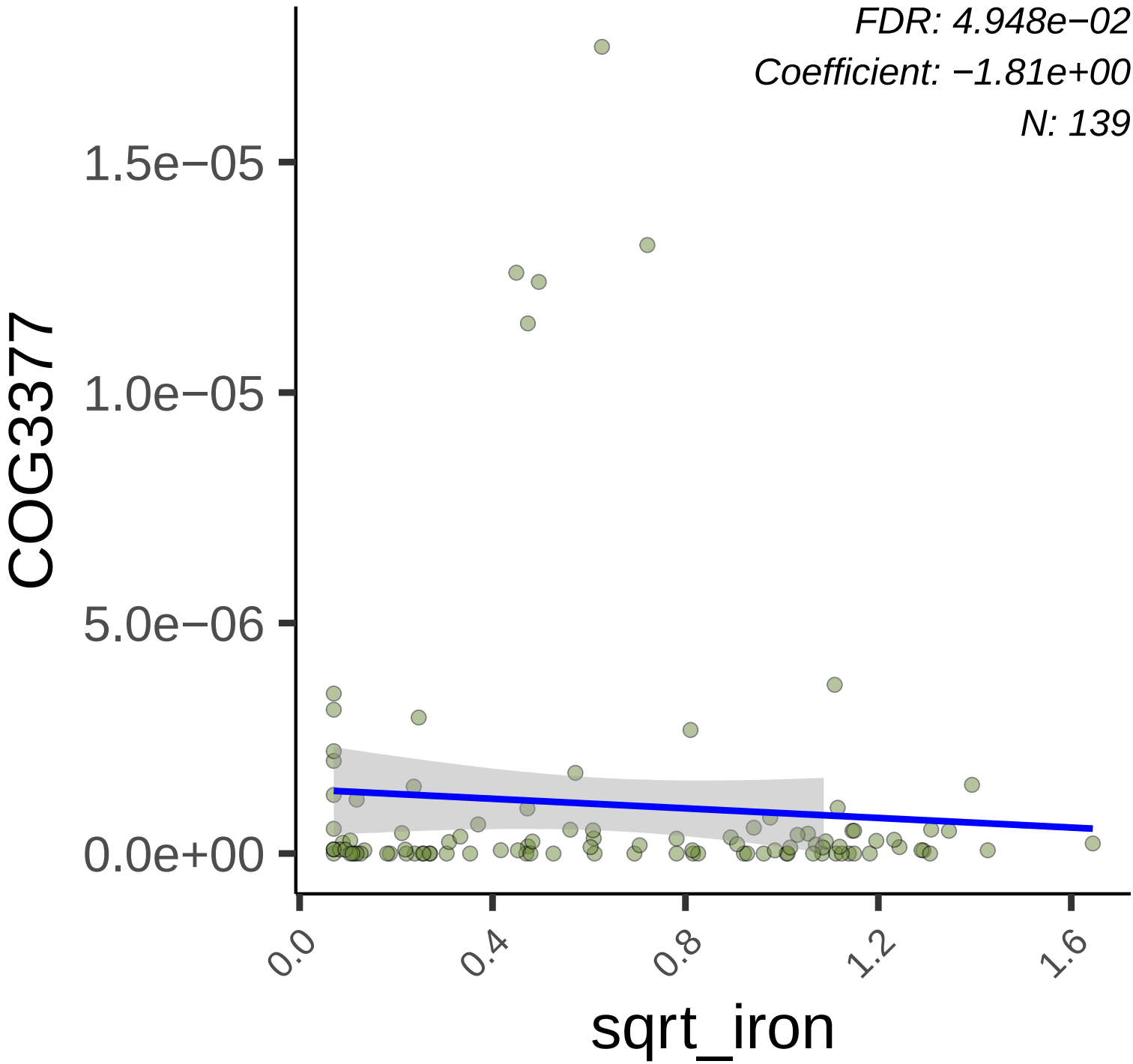
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.948e−02
Coefficient: −1.81e+00
N: 139
COG3377
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5.0e−06
0.0e+00
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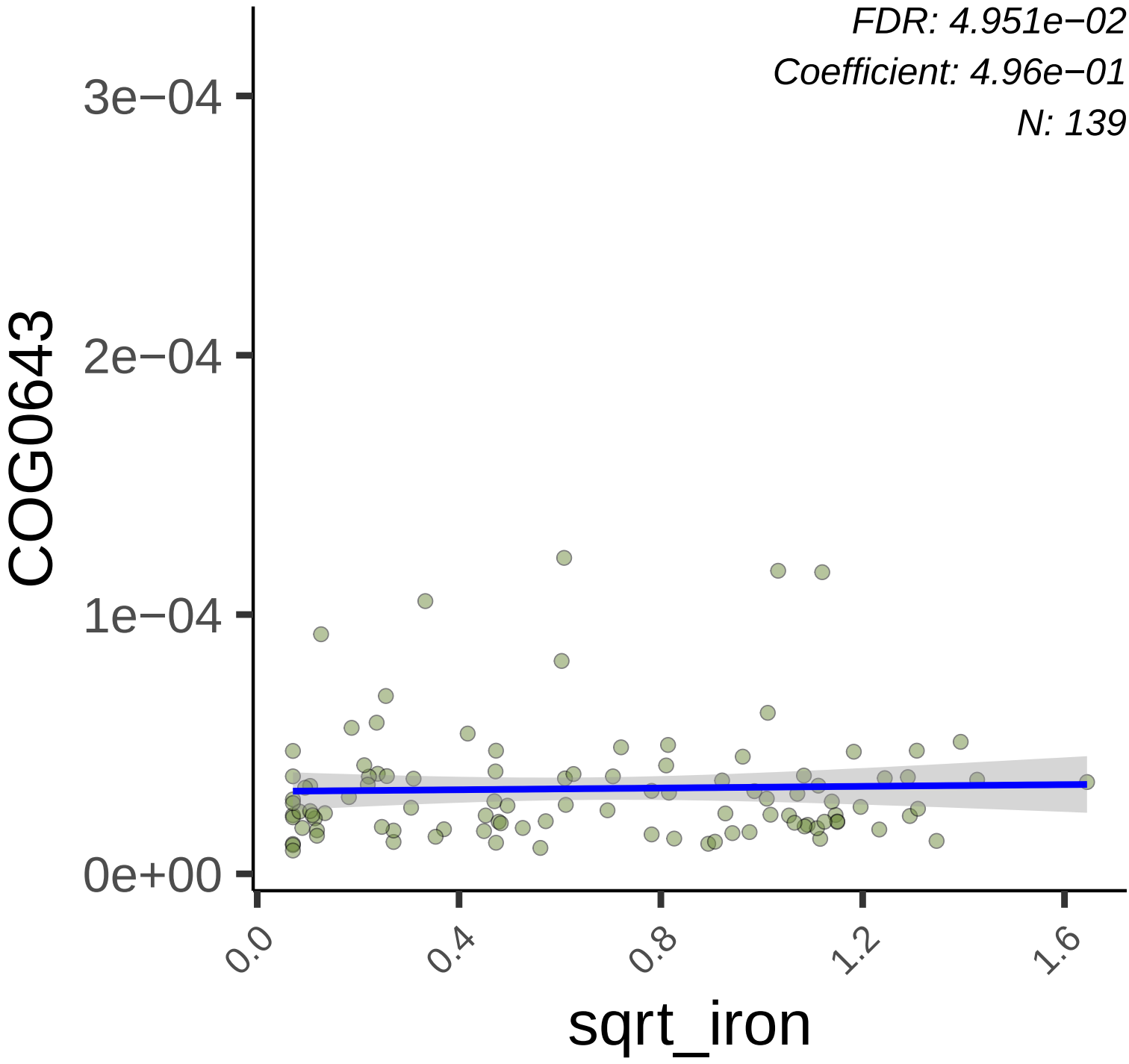
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.951e−02
Coefficient: 4.96e−01
N: 139
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0e+00
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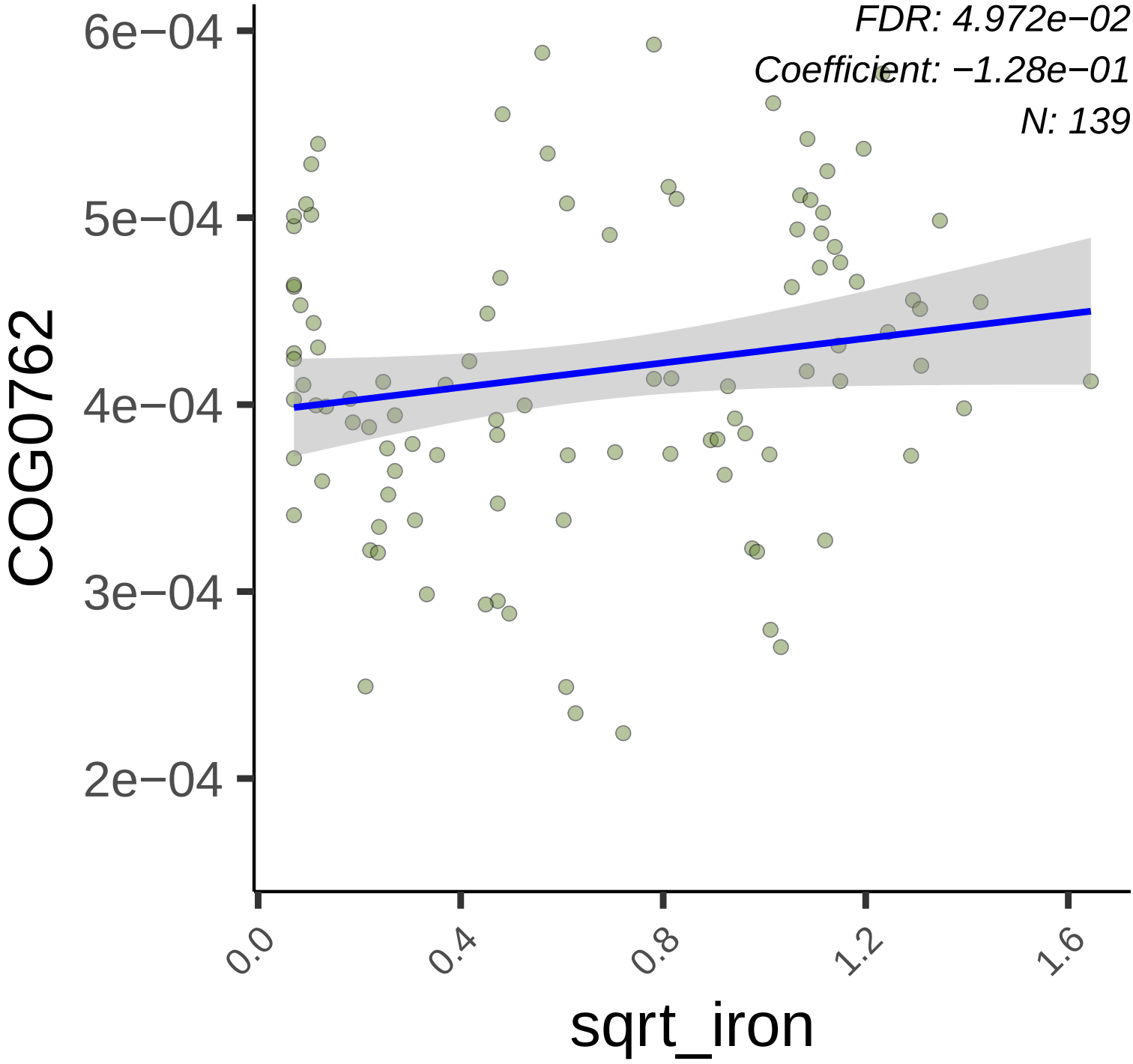
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.972e−02
Coefficient: −1.28e−01
N: 139
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5e−04
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3e−04
2e−04
COG0762
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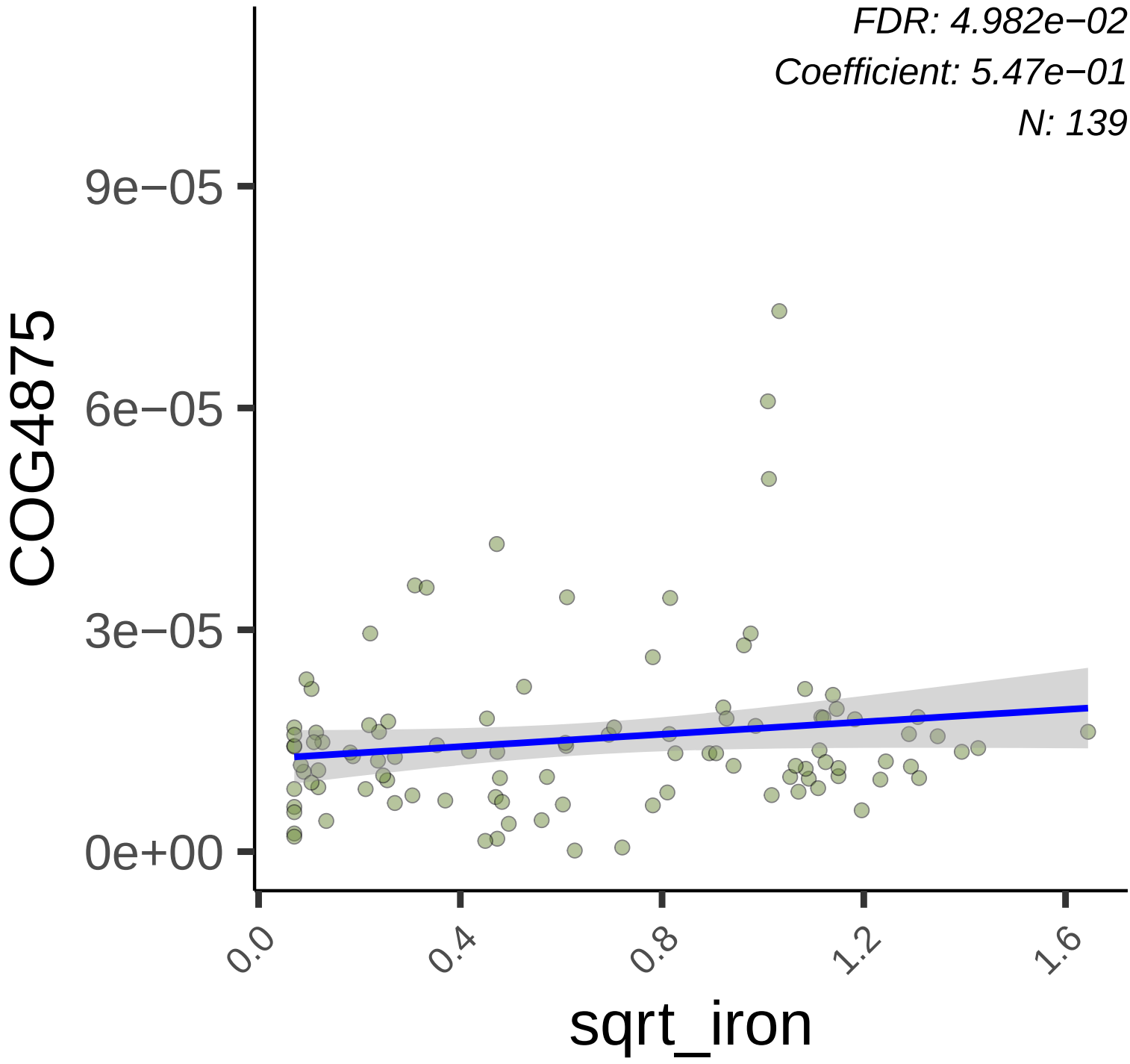
0.4
0.8
1.2
1.6
sqrt_iron


FDR: 4.982e−02
Coefficient: 5.47e−01
N: 139
COG4875
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6e−05
3e−05
0e+00
0.0
0.4
0.8
1.2
1.6
sqrt_iron