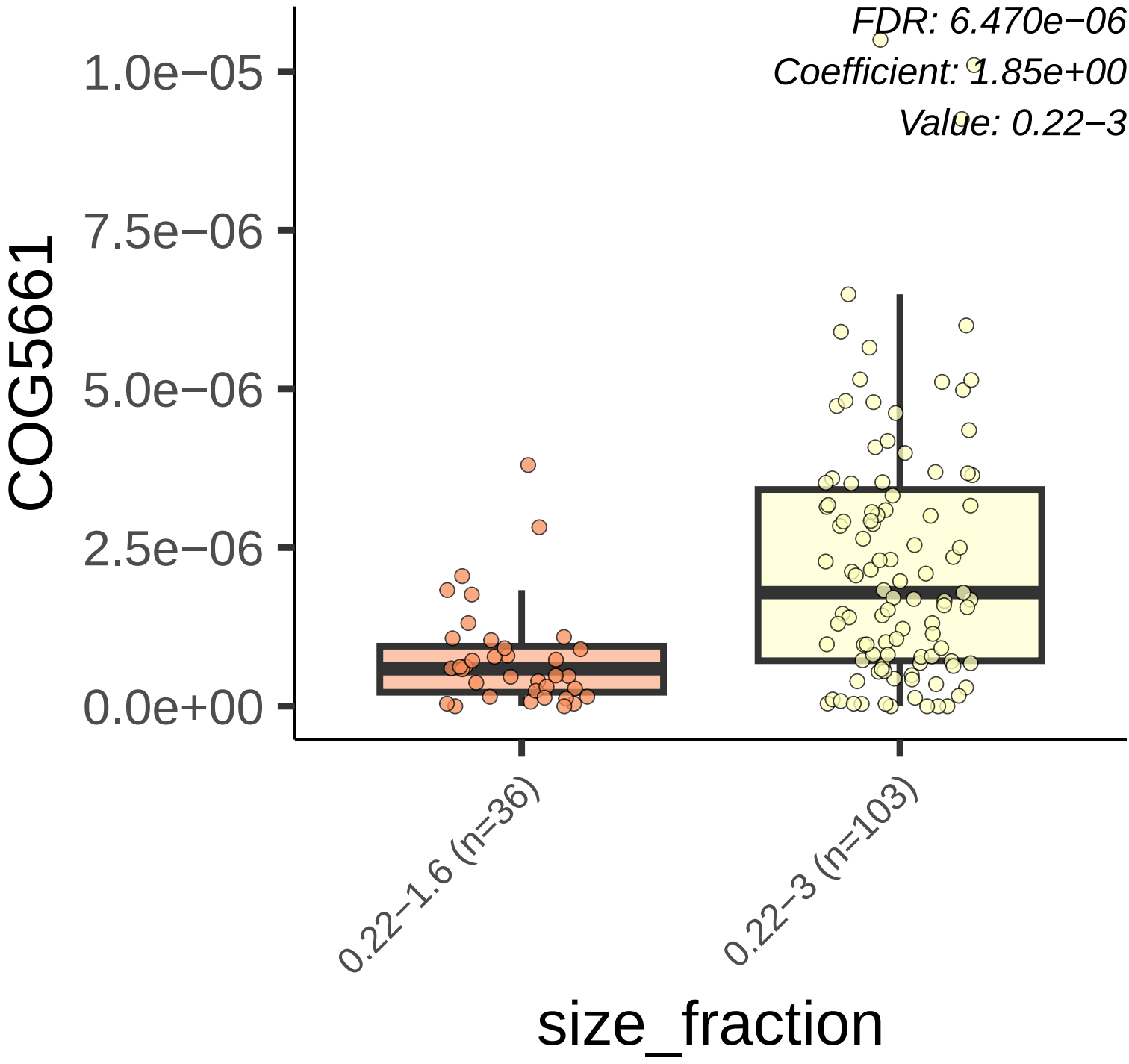
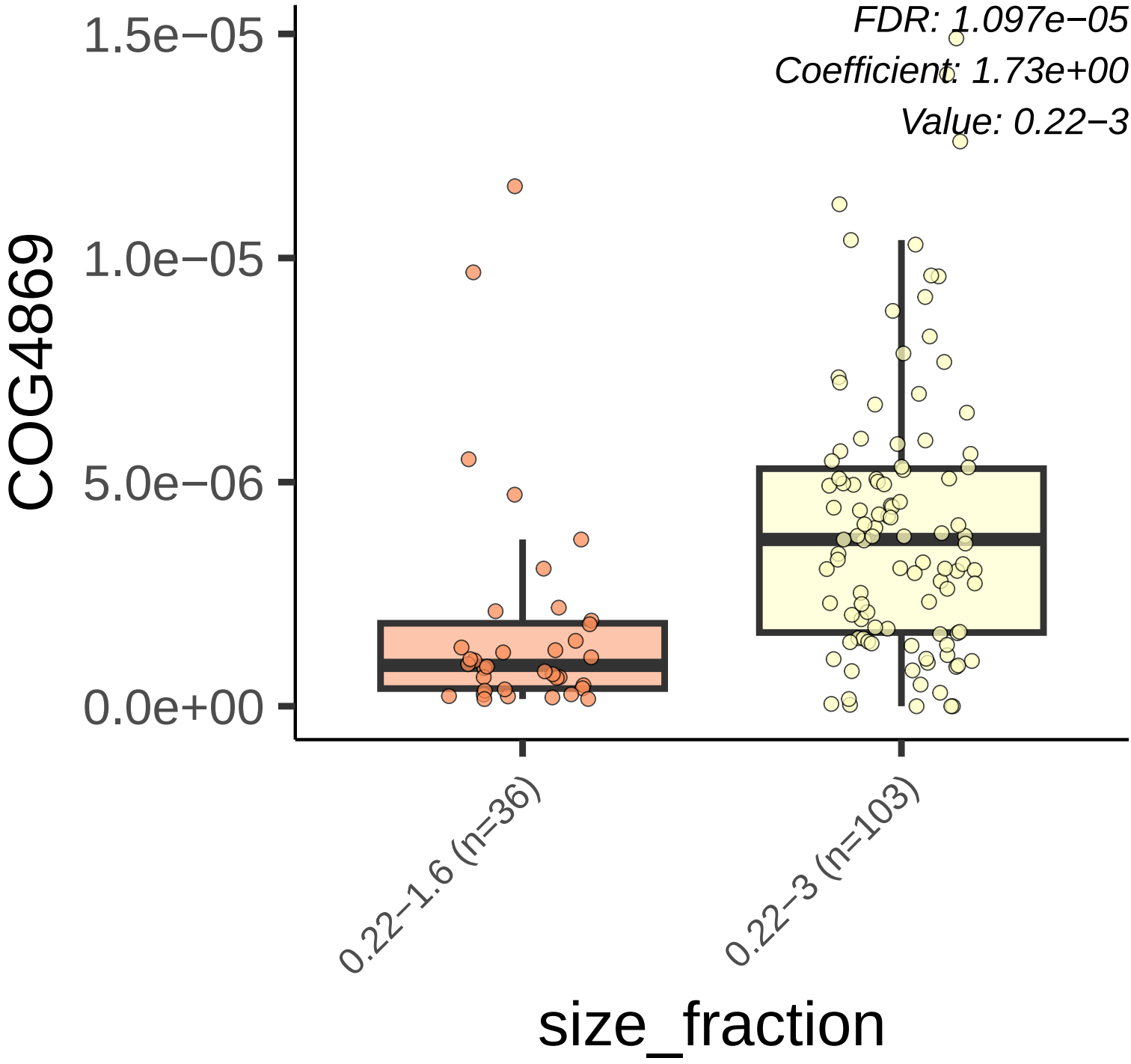
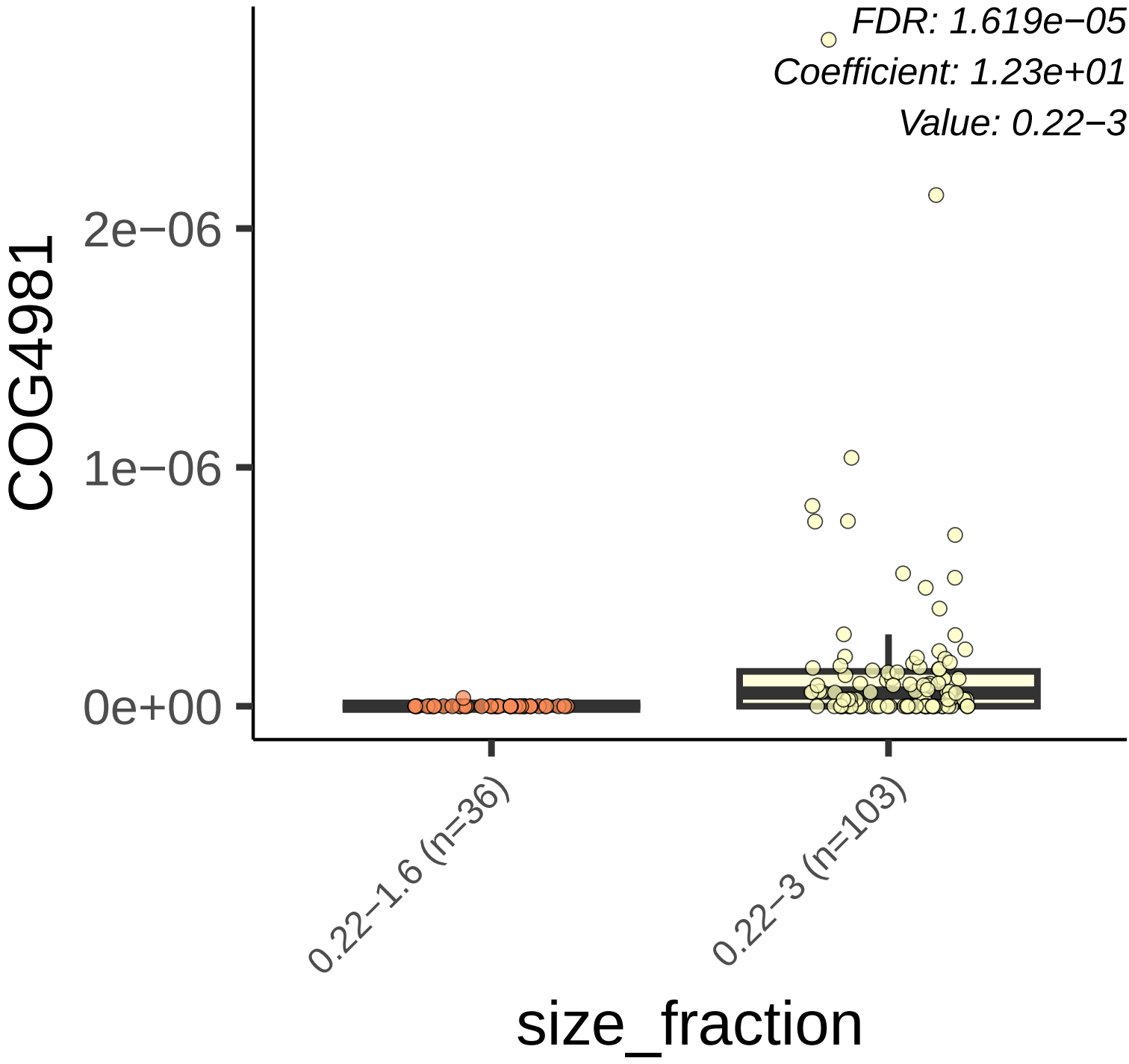
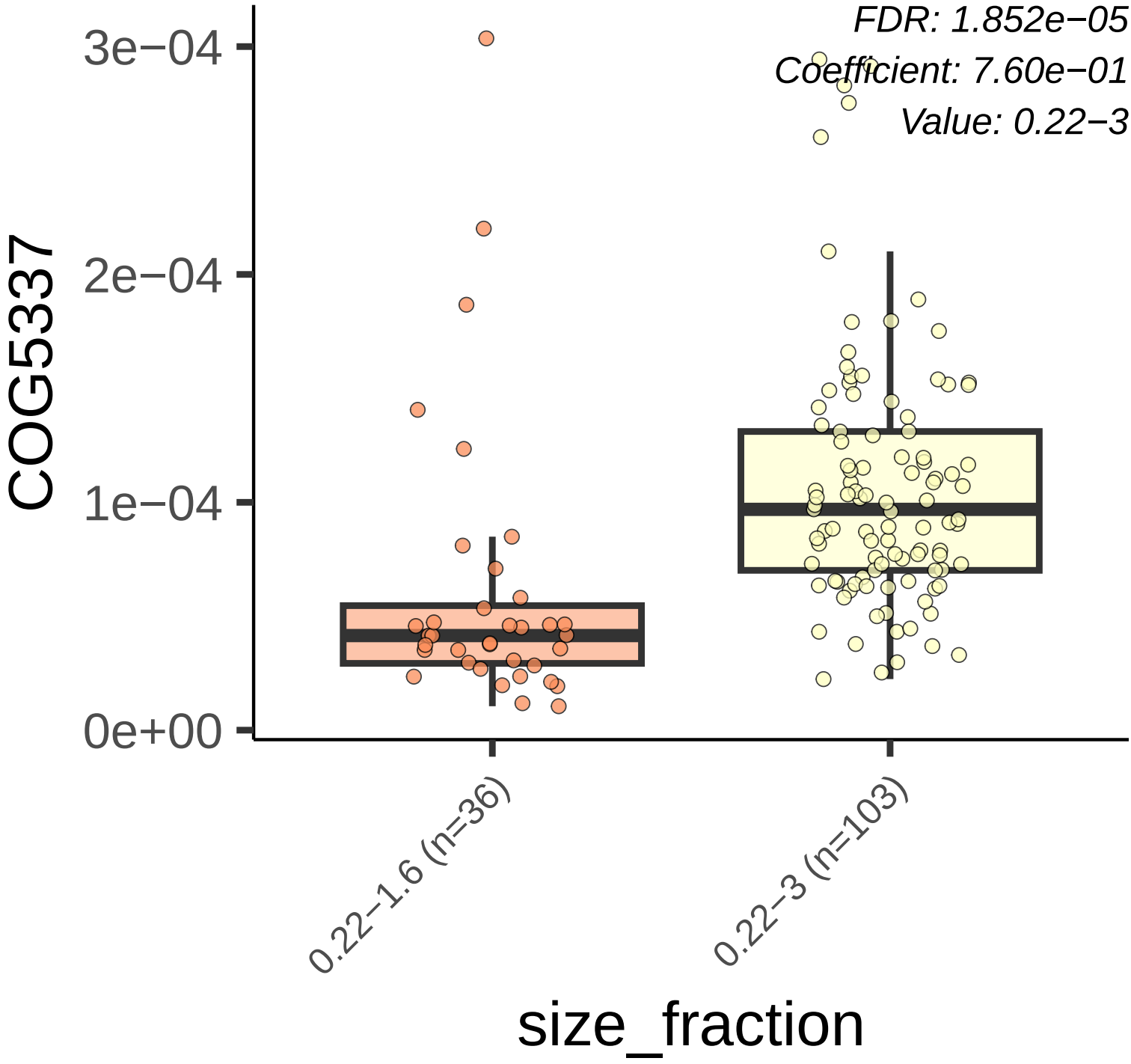
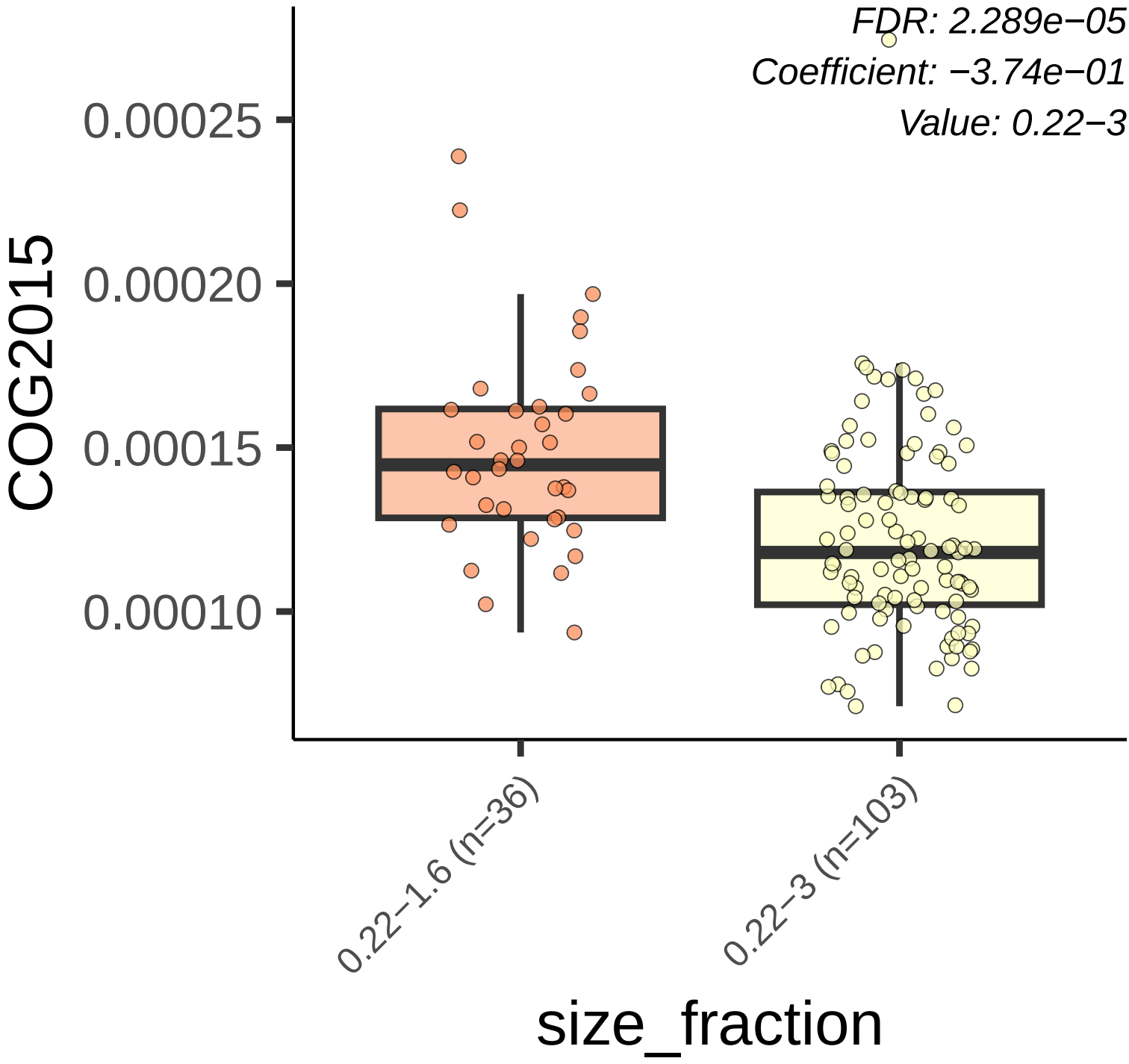
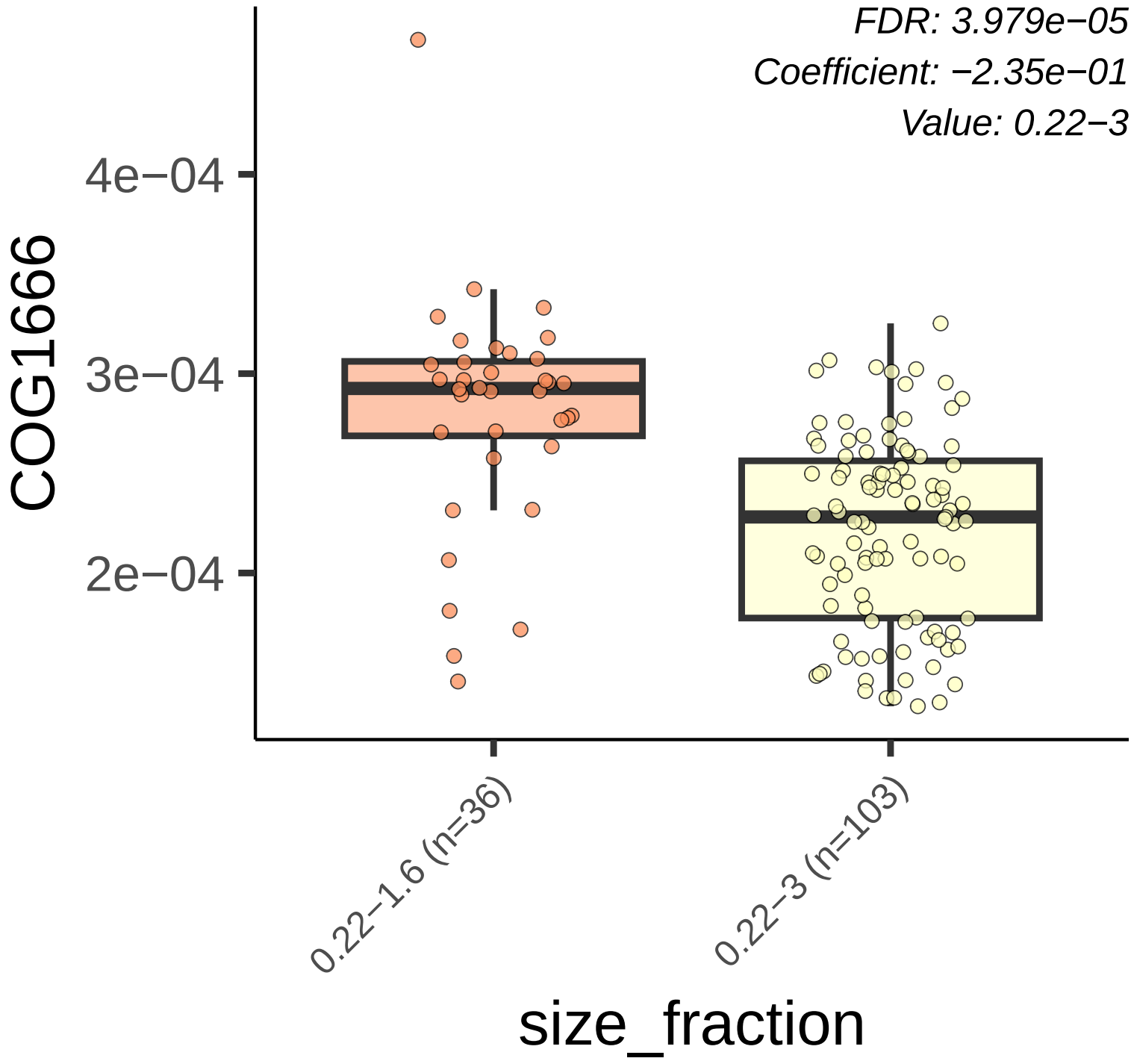

FDR: 6.470e−06
Coefficient: 1.85e+00
Value: 0.22−3
1.0e−05
7.5e−06
5.0e−06
2.5e−06
0.0e+00
COG5661
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

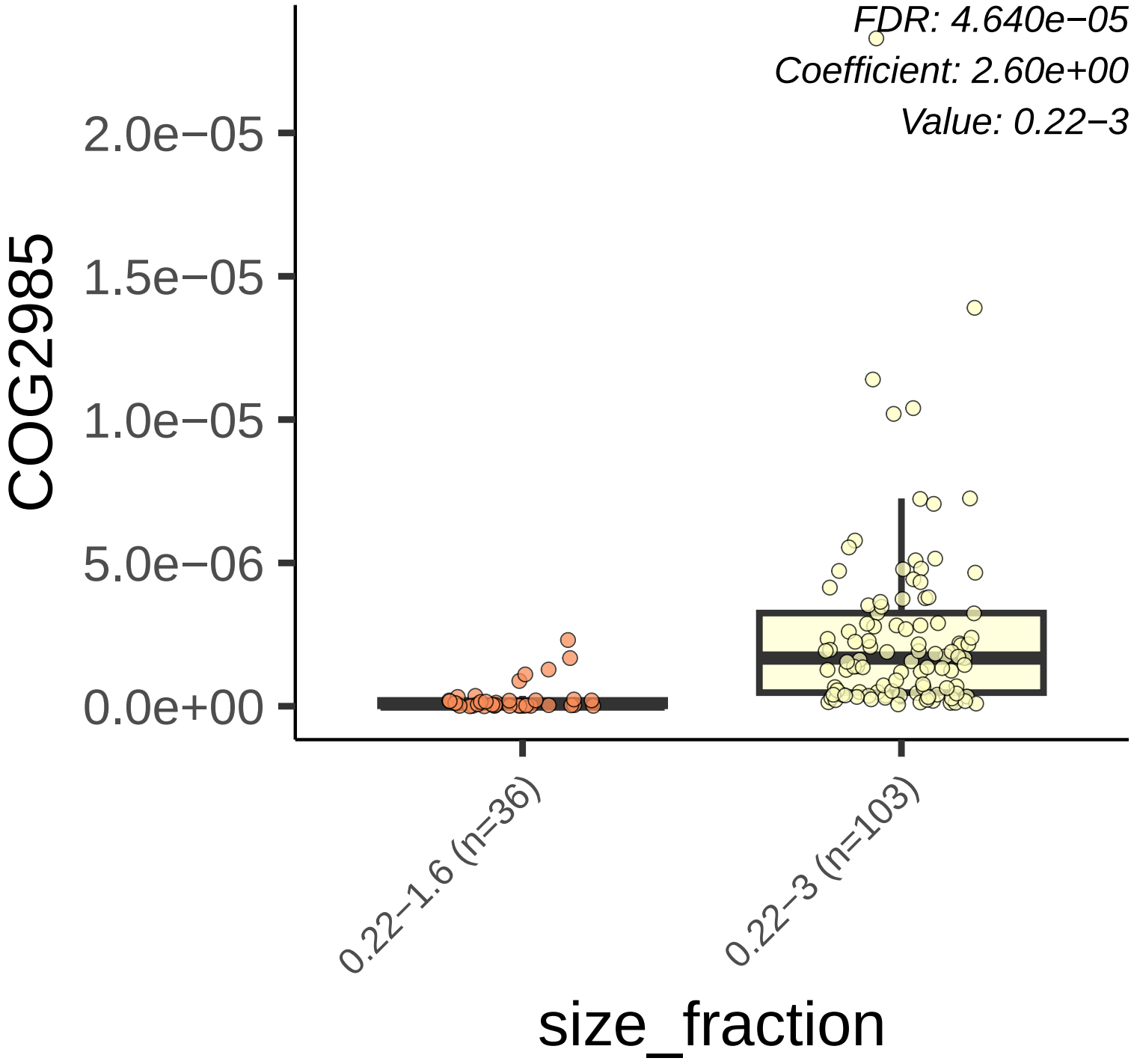

FDR: 1.097e−05
Coefficient: 1.73e+00
Value: 0.22−3
COG4869
1.5e−05
1.0e−05
5.0e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

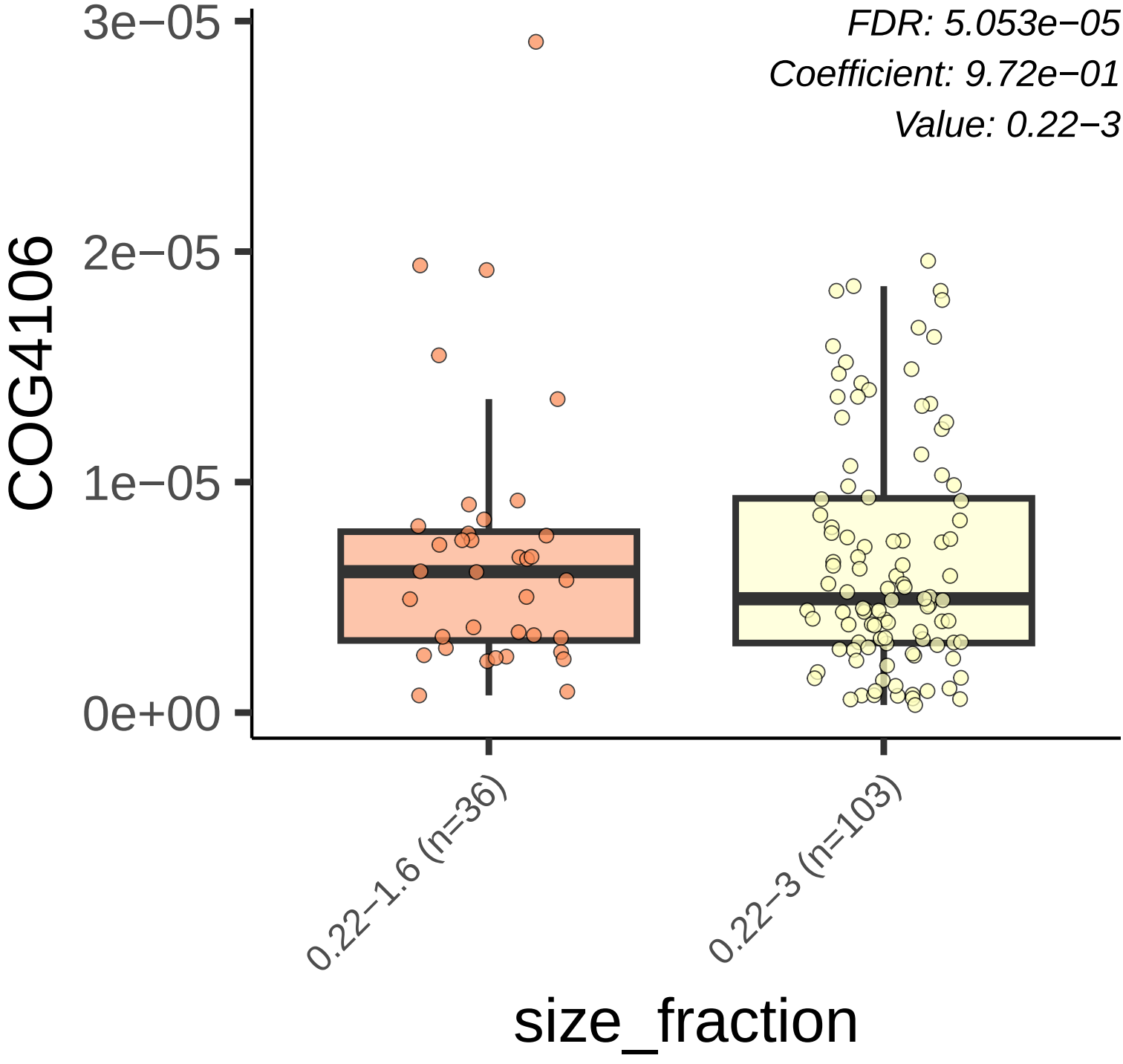

FDR: 1.619e−05
Coefficient: 1.23e+01
Value: 0.22−3
COG4981
2e−06
1e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

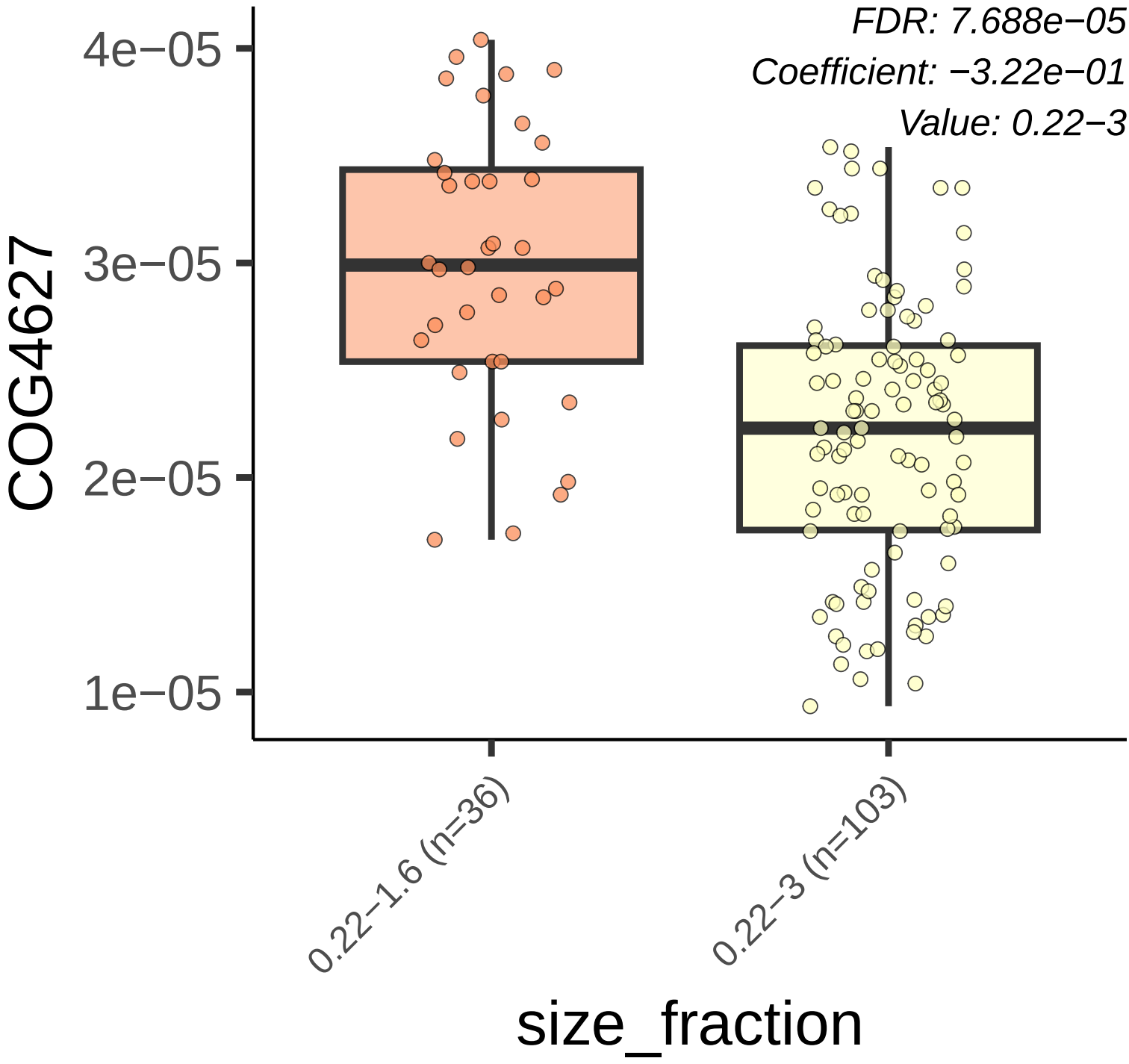

FDR: 1.852e−05
Coefficient: 7.60e−01
Value: 0.22−3
COG5337
3e−04
2e−04
1e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

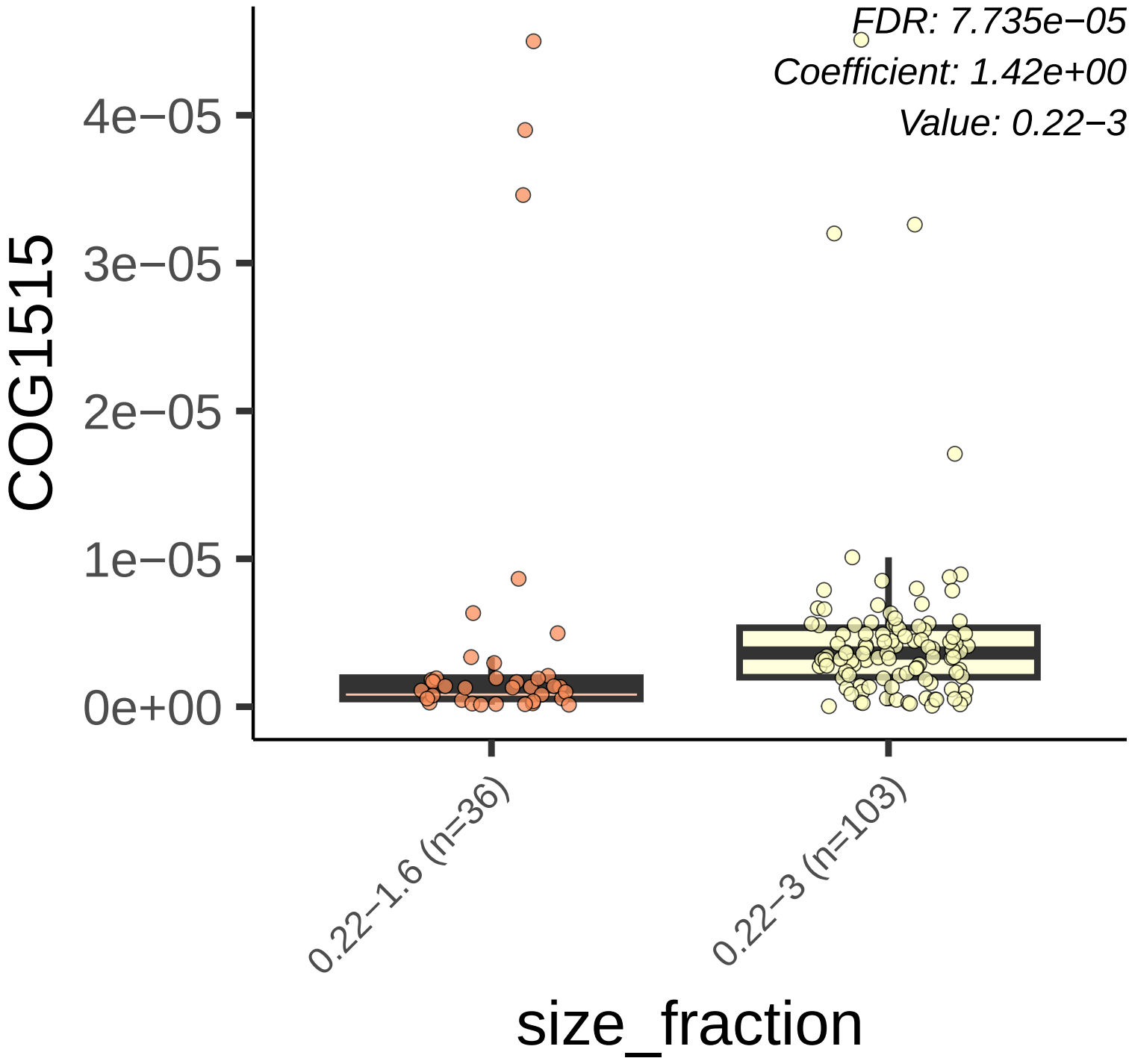

FDR: 2.289e−05
Coefficient: −3.74e−01
Value: 0.22−3
COG2015
0.00025
0.00020
0.00015
0.00010
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

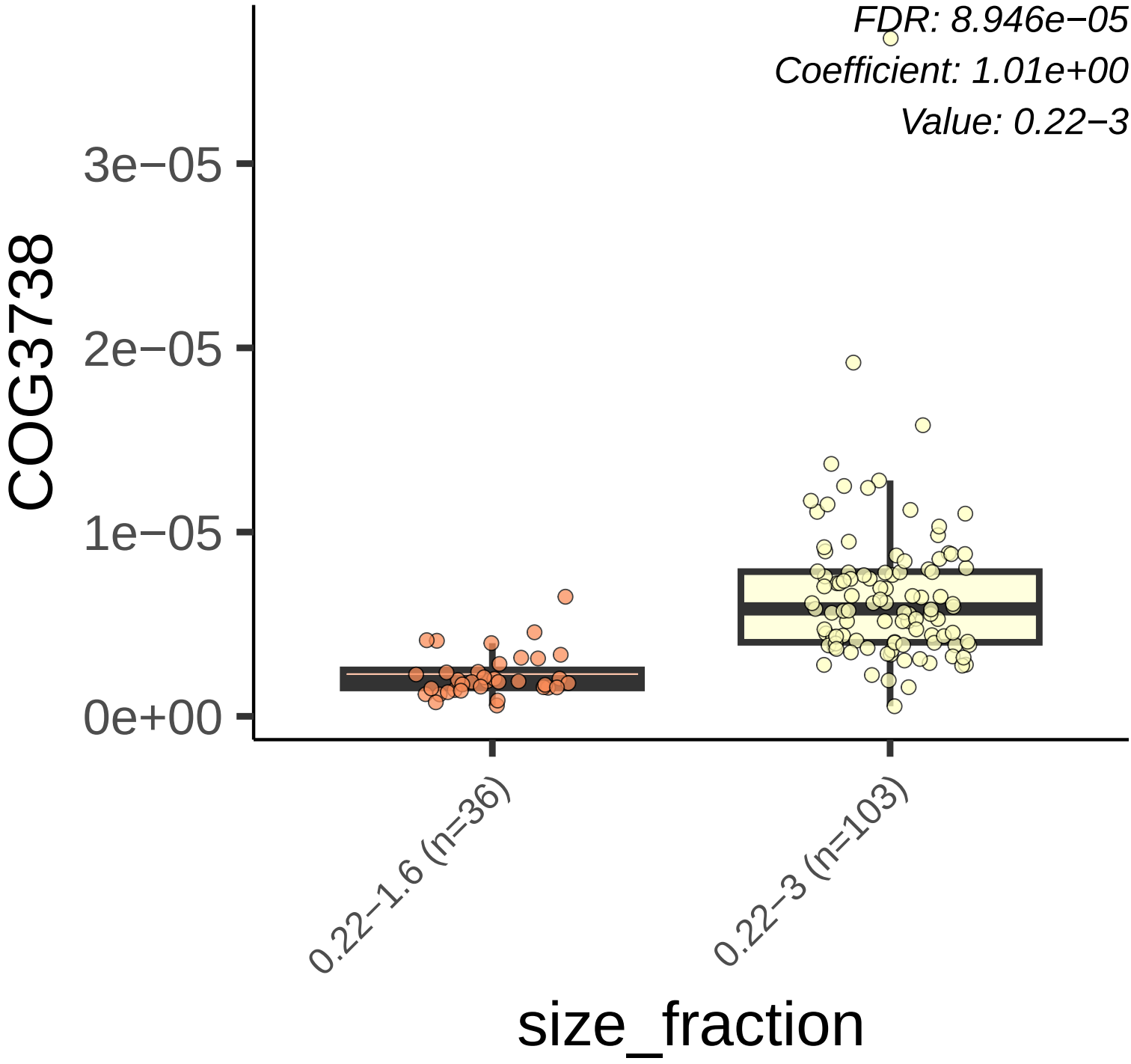

FDR: 3.979e−05
Coefficient: −2.35e−01
Value: 0.22−3
COG1666
4e−04
3e−04
2e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

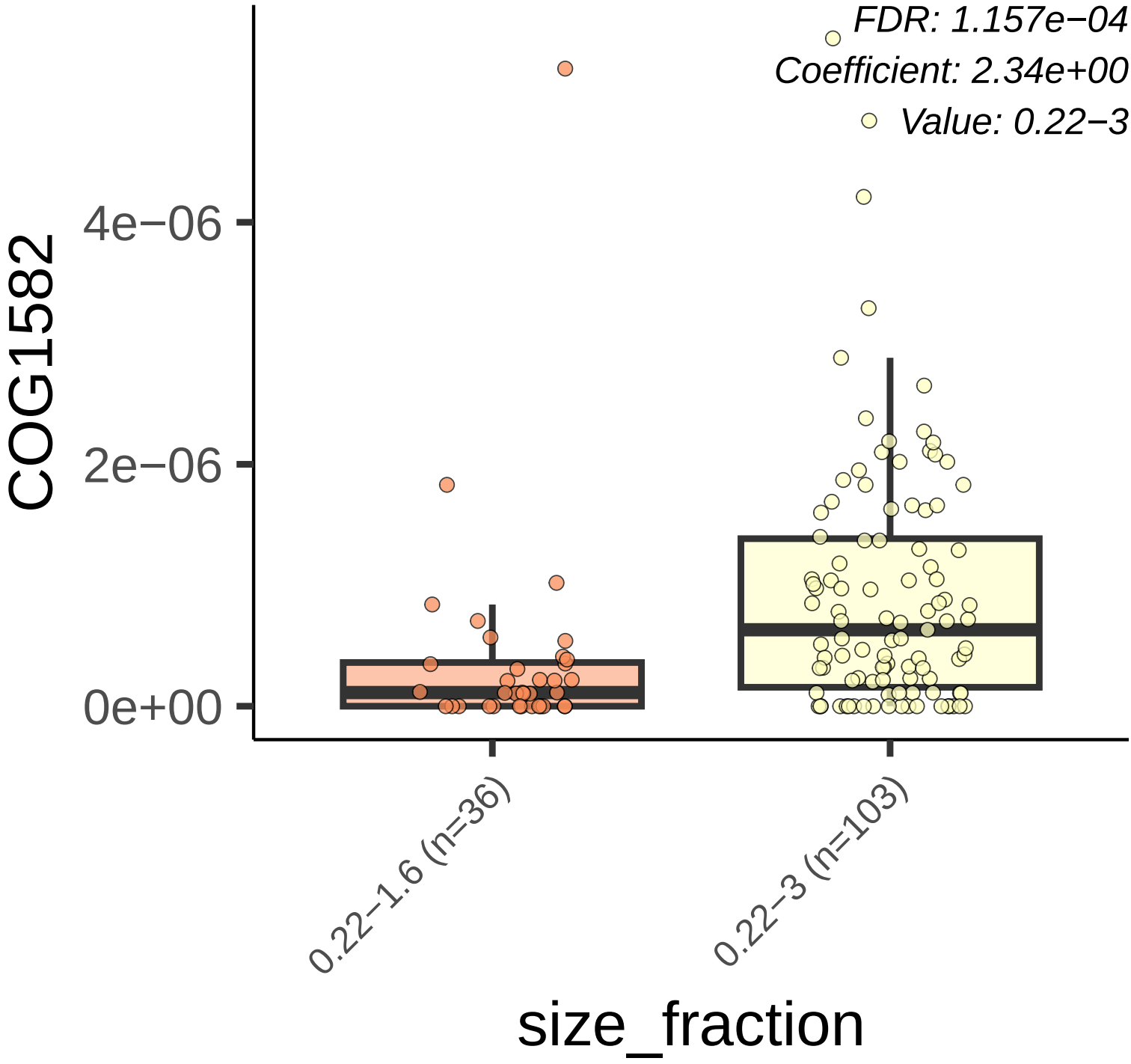

FDR: 4.640e−05
Coefficient: 2.60e+00
Value: 0.22−3
COG2985
2.0e−05
1.5e−05
1.0e−05
5.0e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

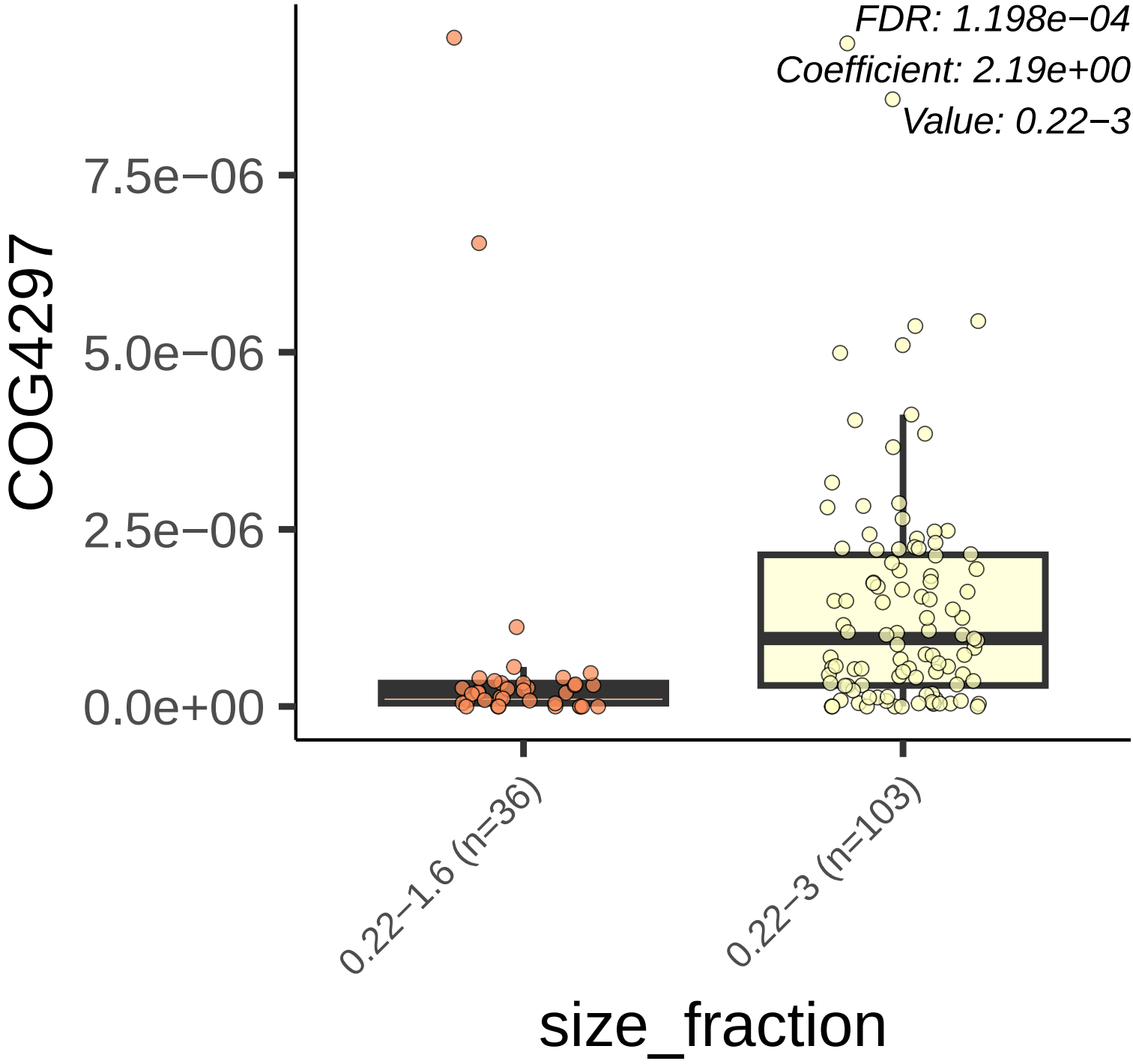

FDR: 5.053e−05
Coefficient: 9.72e−01
Value: 0.22−3
COG4106
3e−05
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

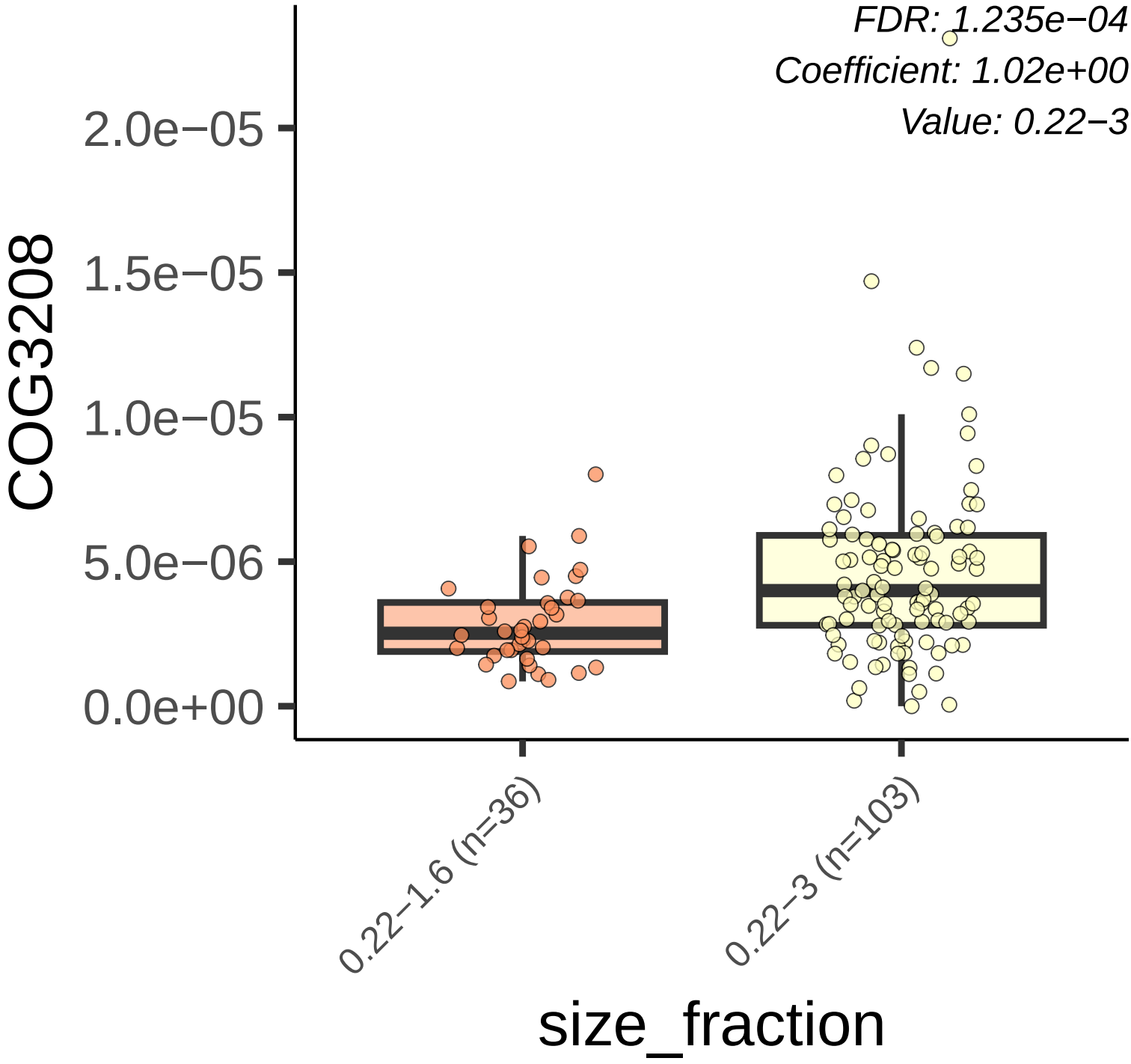

FDR: 7.688e−05
Coefficient: −3.22e−01
Value: 0.22−3
COG4627
4e−05
3e−05
2e−05
1e−05
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

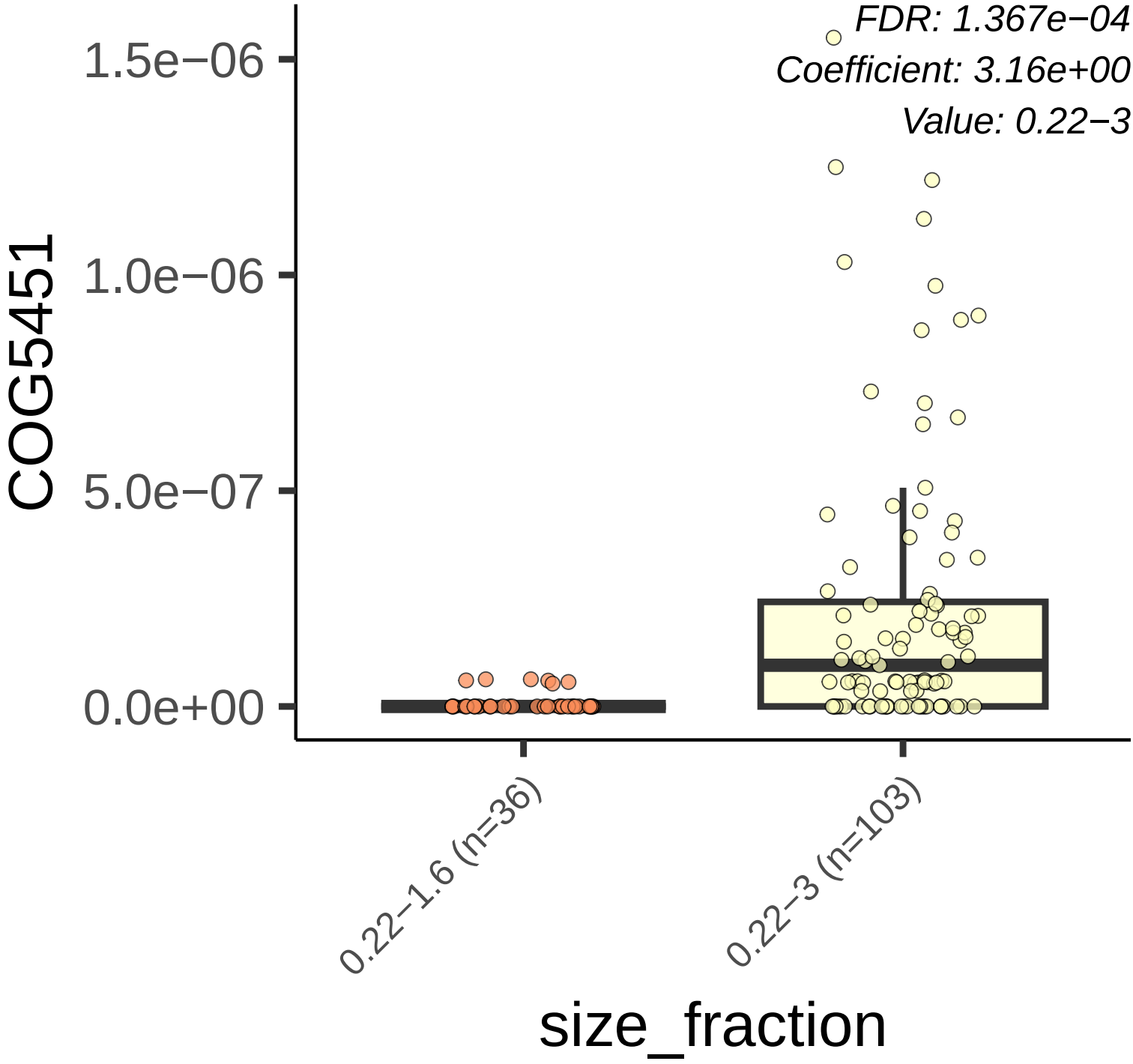

FDR: 7.735e−05
Coefficient: 1.42e+00
Value: 0.22−3
COG1515
4e−05
3e−05
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

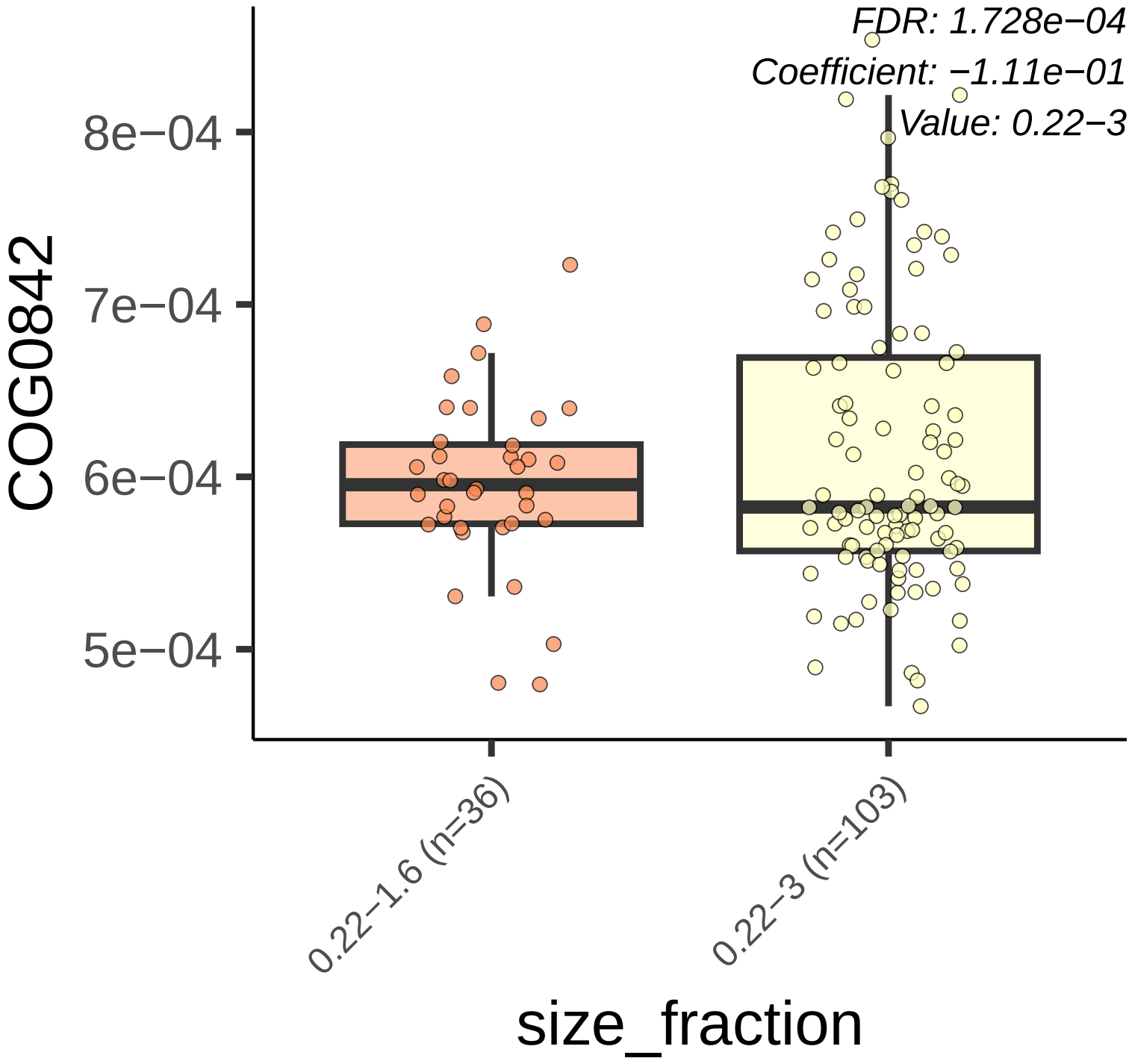

FDR: 8.946e−05
Coefficient: 1.01e+00
Value: 0.22−3
COG3738
3e−05
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

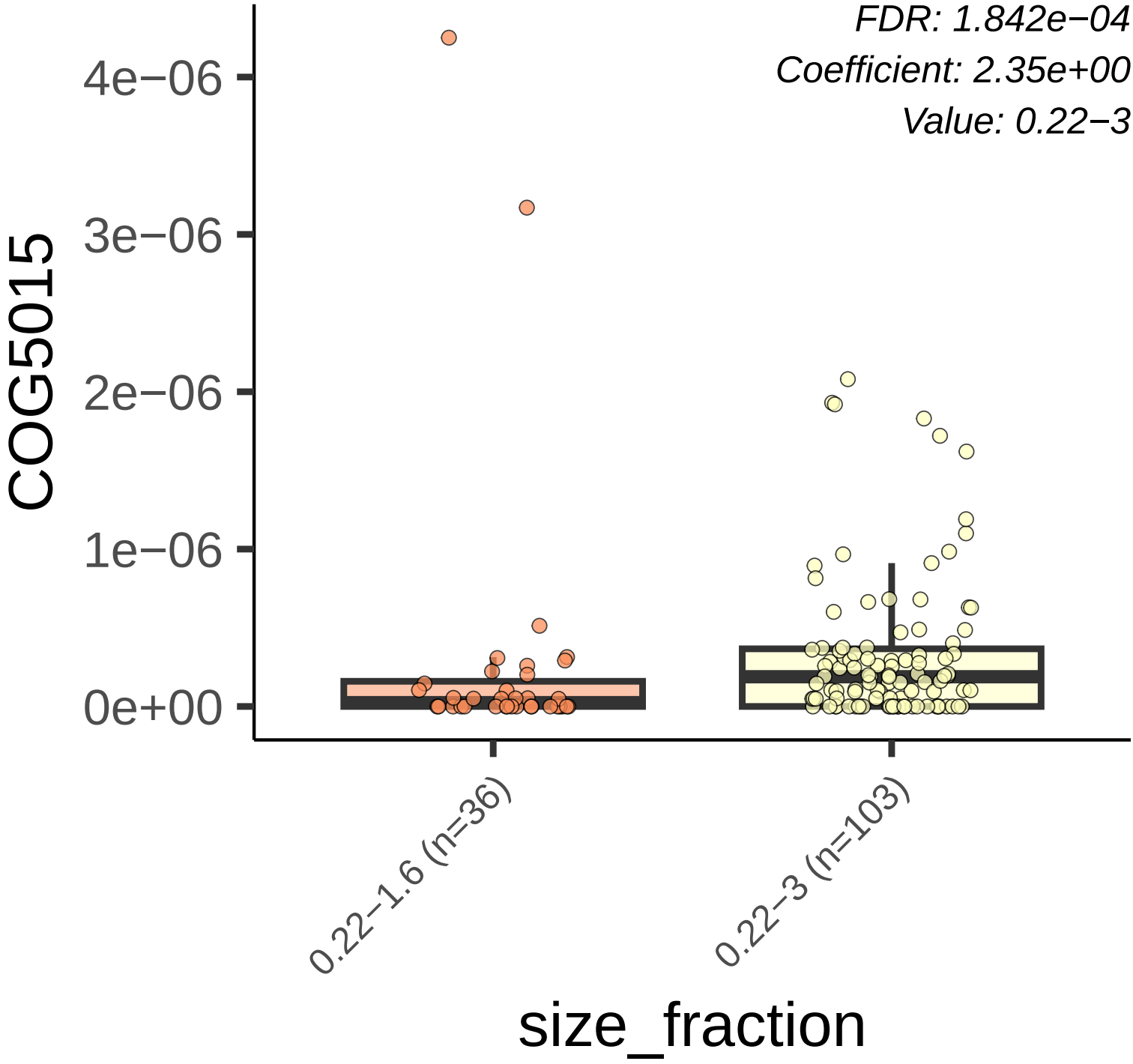

FDR: 1.157e−04
Coefficient: 2.34e+00
Value: 0.22−3
COG1582
4e−06
2e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

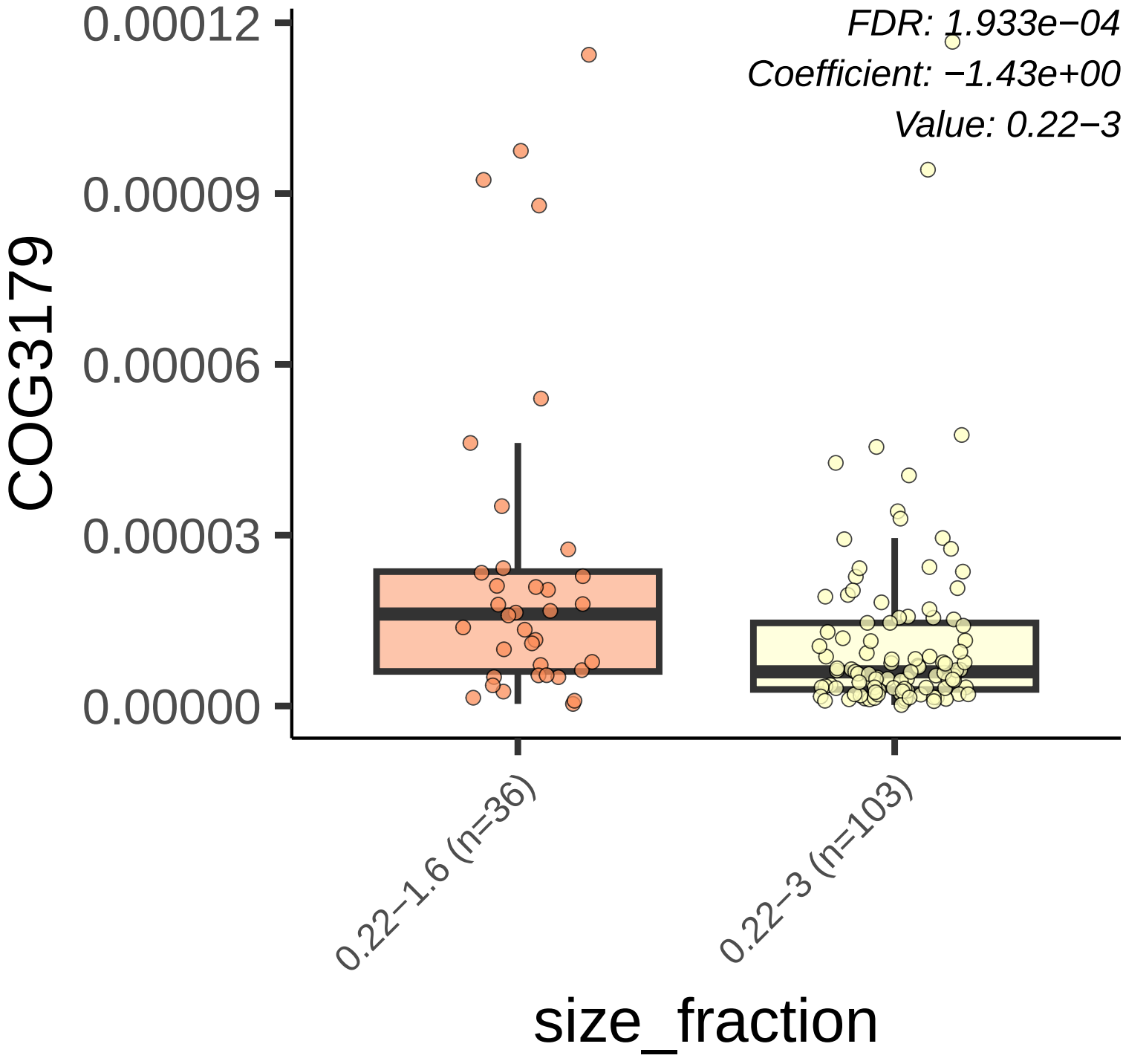

FDR: 1.198e−04
Coefficient: 2.19e+00
Value: 0.22−3
COG4297
7.5e−06
5.0e−06
2.5e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 1.235e−04
Coefficient: 1.02e+00
Value: 0.22−3
COG3208
2.0e−05
1.5e−05
1.0e−05
5.0e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 1.367e−04
Coefficient: 3.16e+00
Value: 0.22−3
COG5451
1.5e−06
1.0e−06
5.0e−07
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 1.728e−04
Coefficient: −1.11e−01
Value: 0.22−3
COG0842
8e−04
7e−04
6e−04
5e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 1.842e−04
Coefficient: 2.35e+00
Value: 0.22−3
COG5015
4e−06
3e−06
2e−06
1e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 1.933e−04
Coefficient: −1.43e+00
Value: 0.22−3
COG3179
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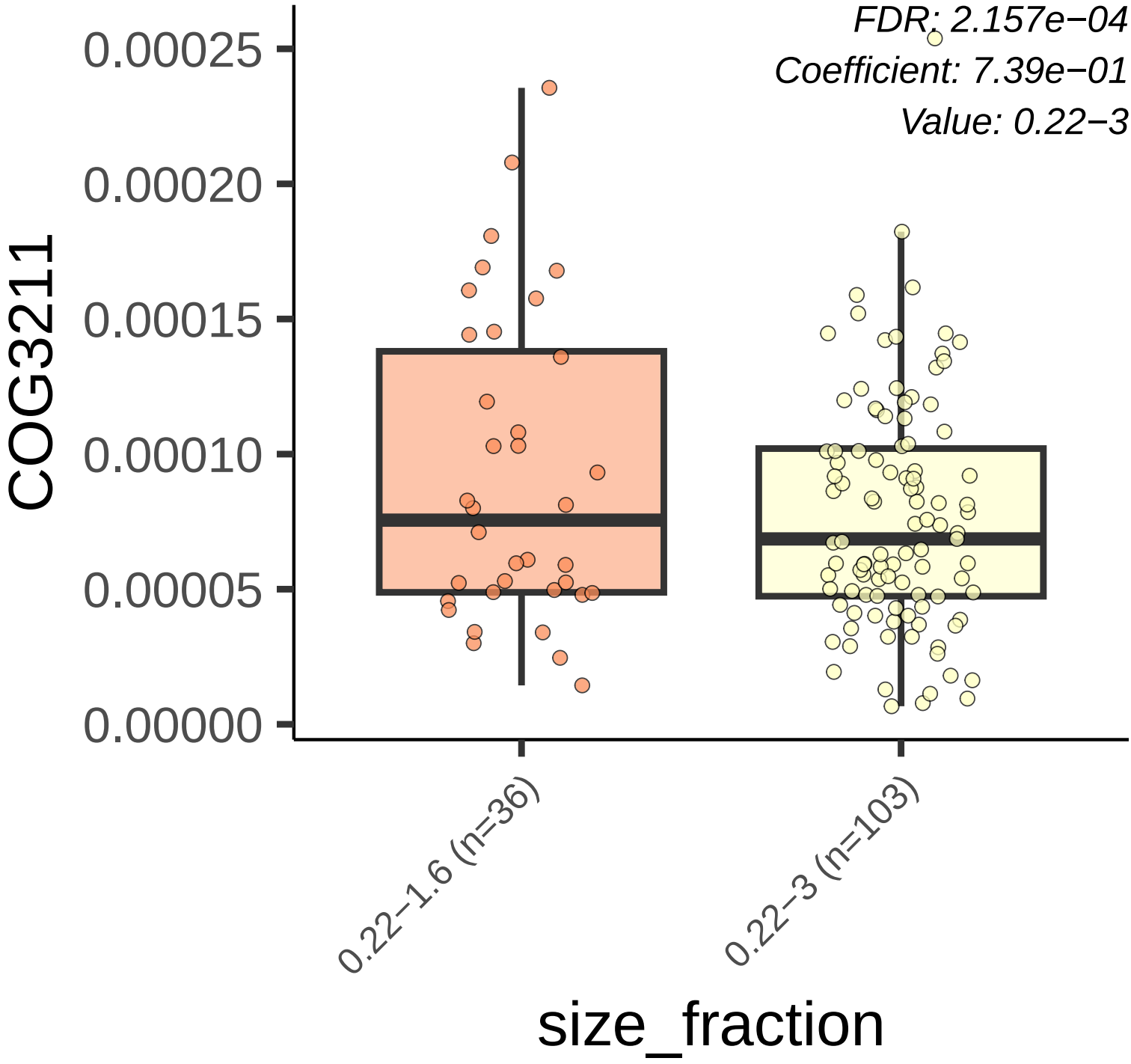
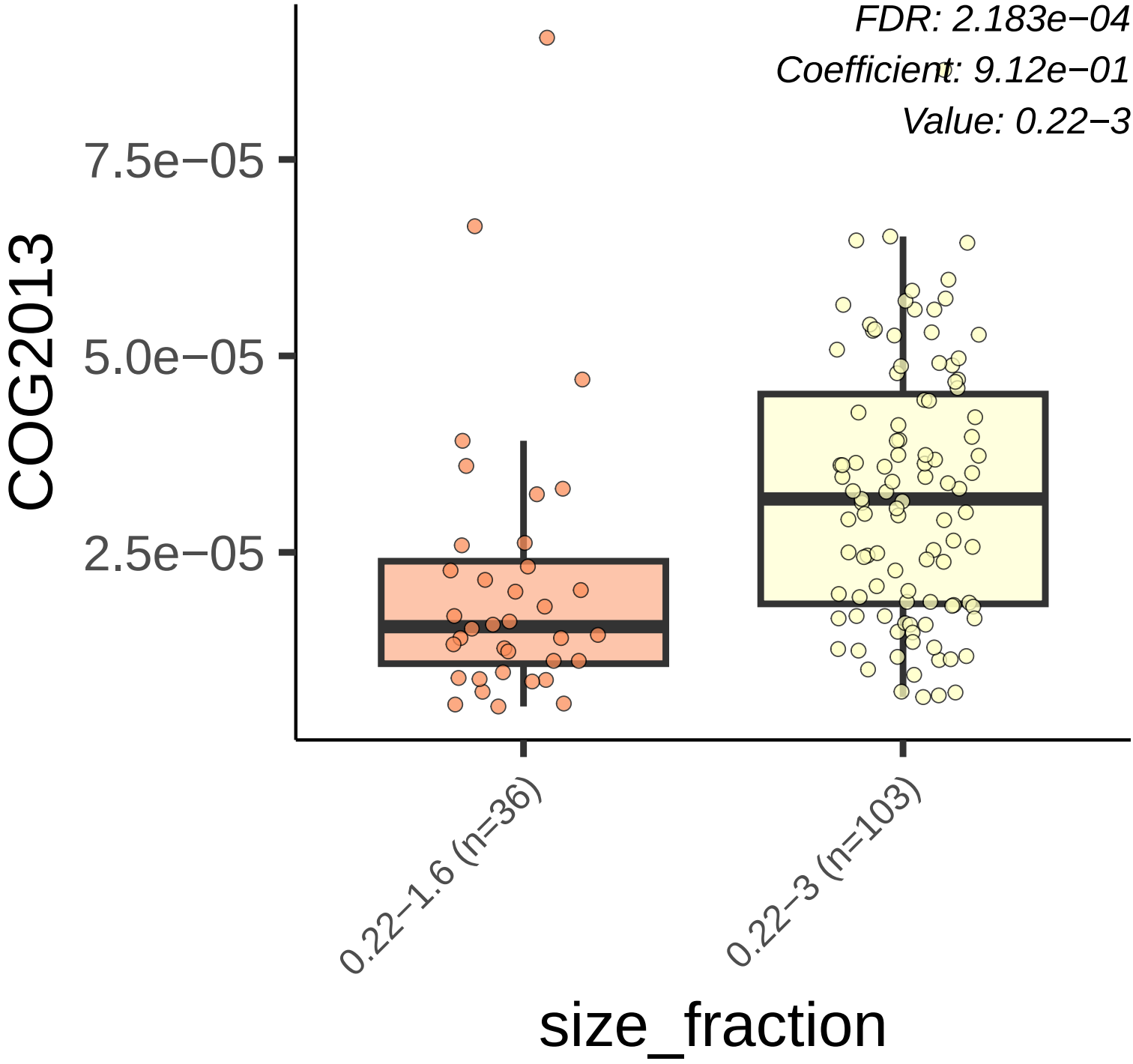
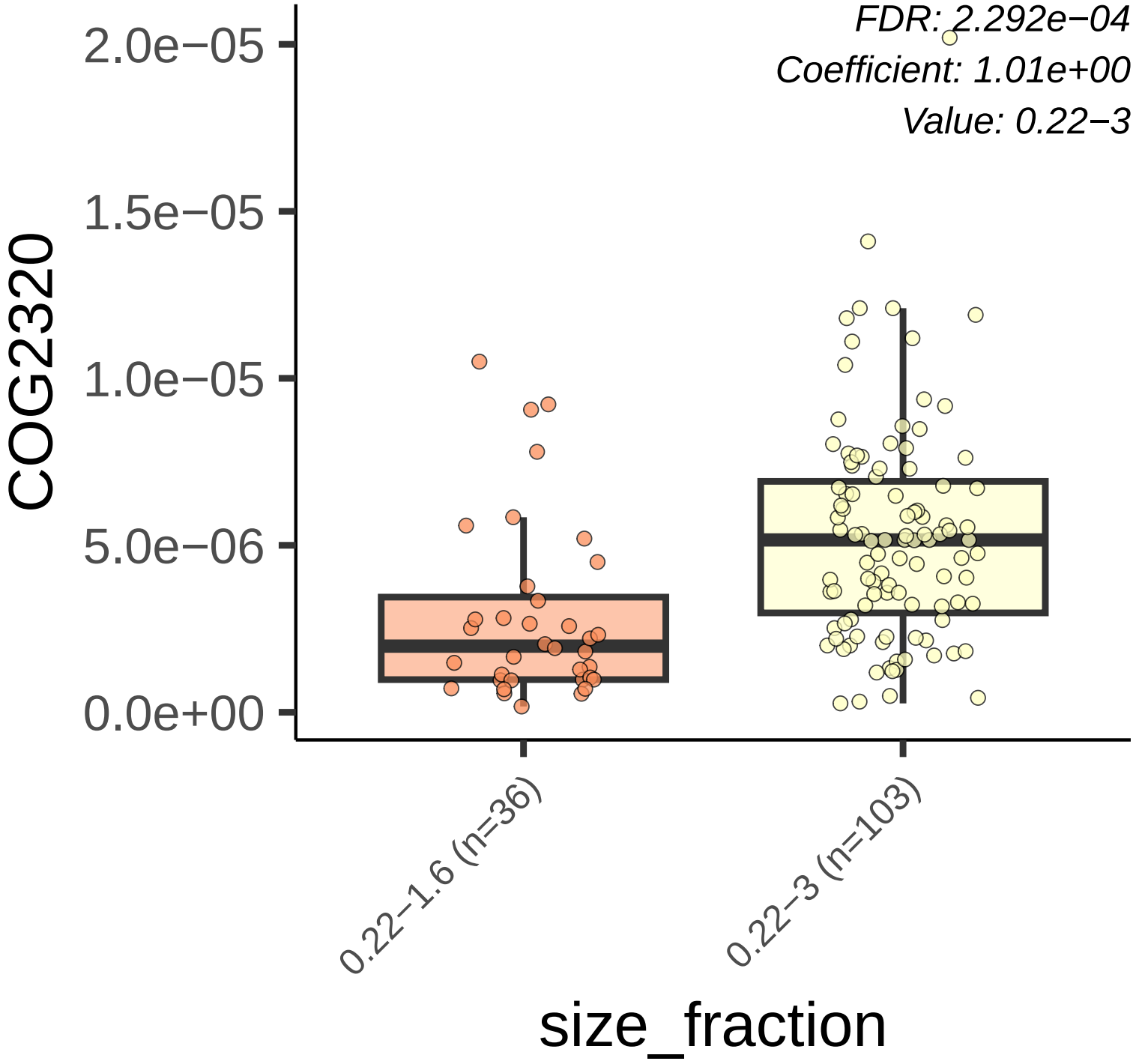
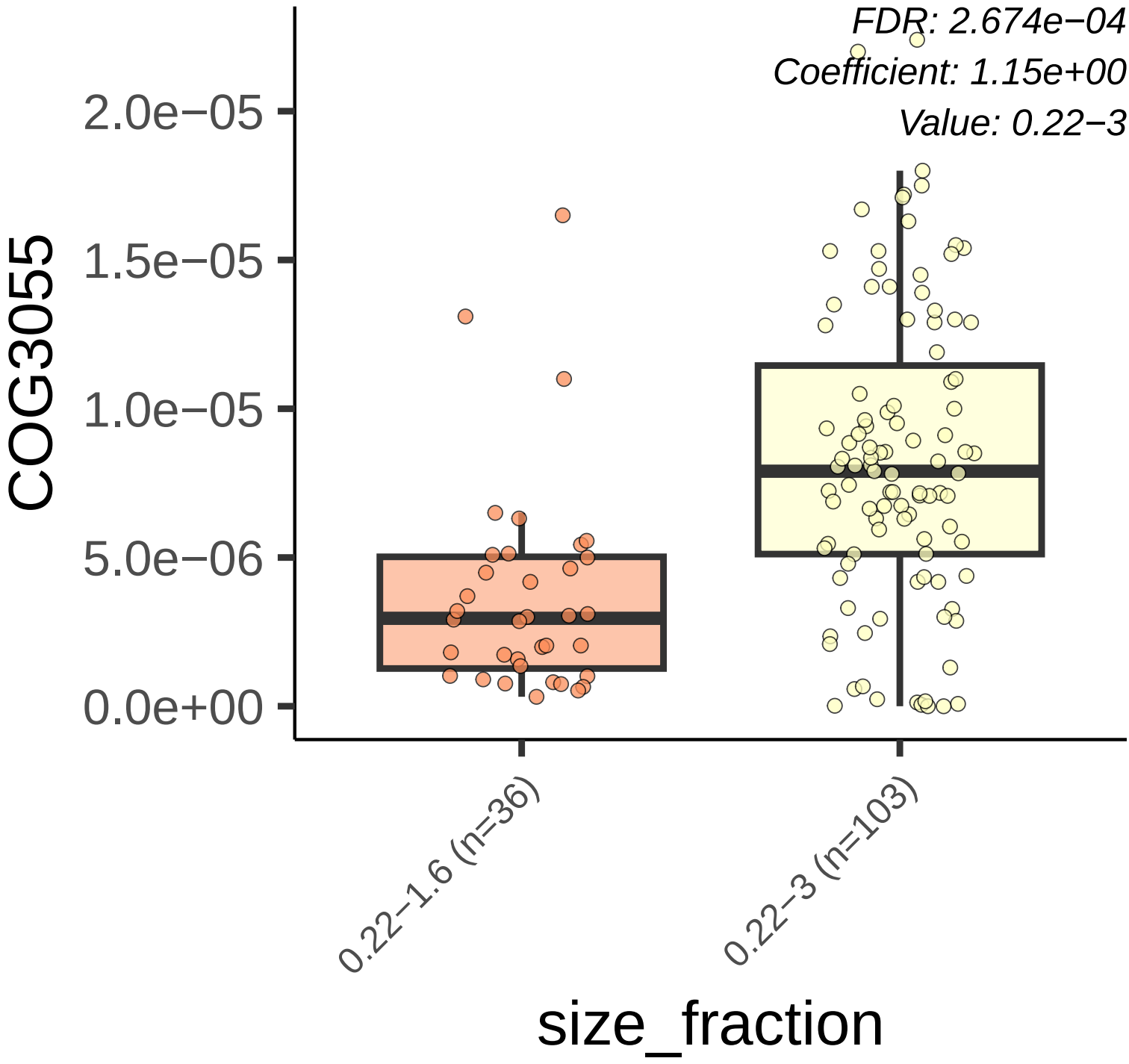
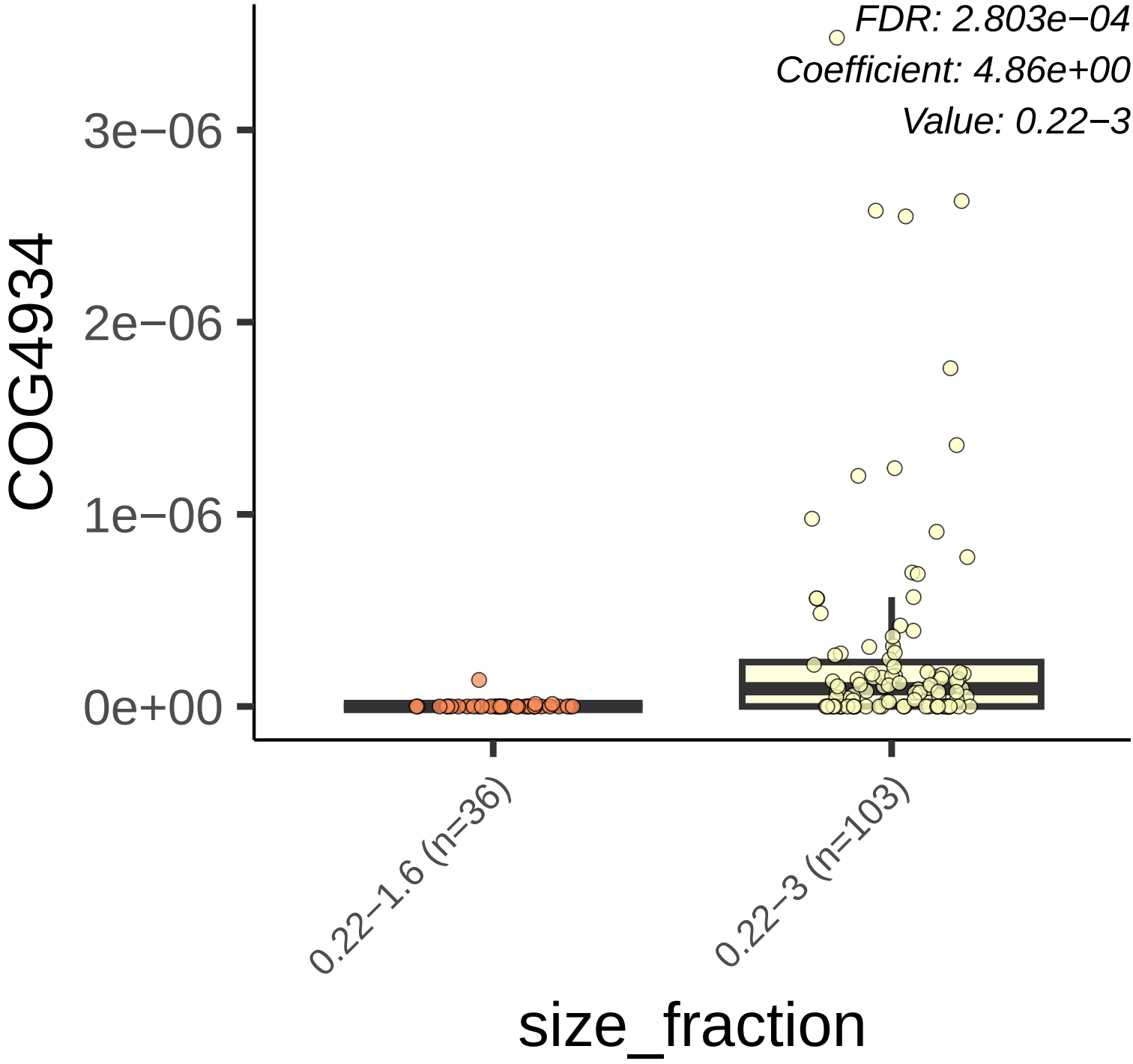
0.00009
0.00006
0.00003
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

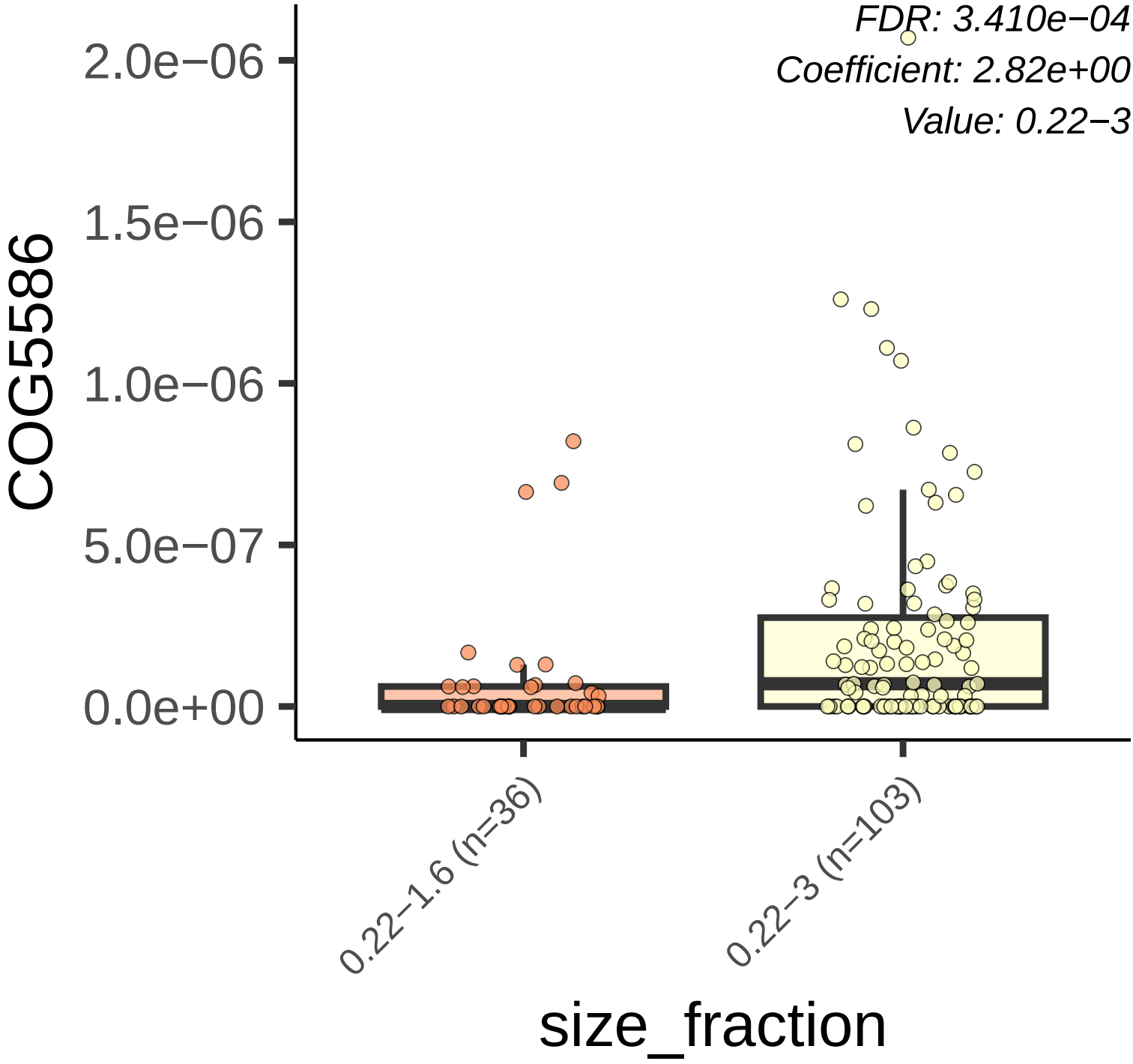

FDR: 2.157e−04
Coefficient: 7.39e−01
Value: 0.22−3
COG3211
0.00025
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

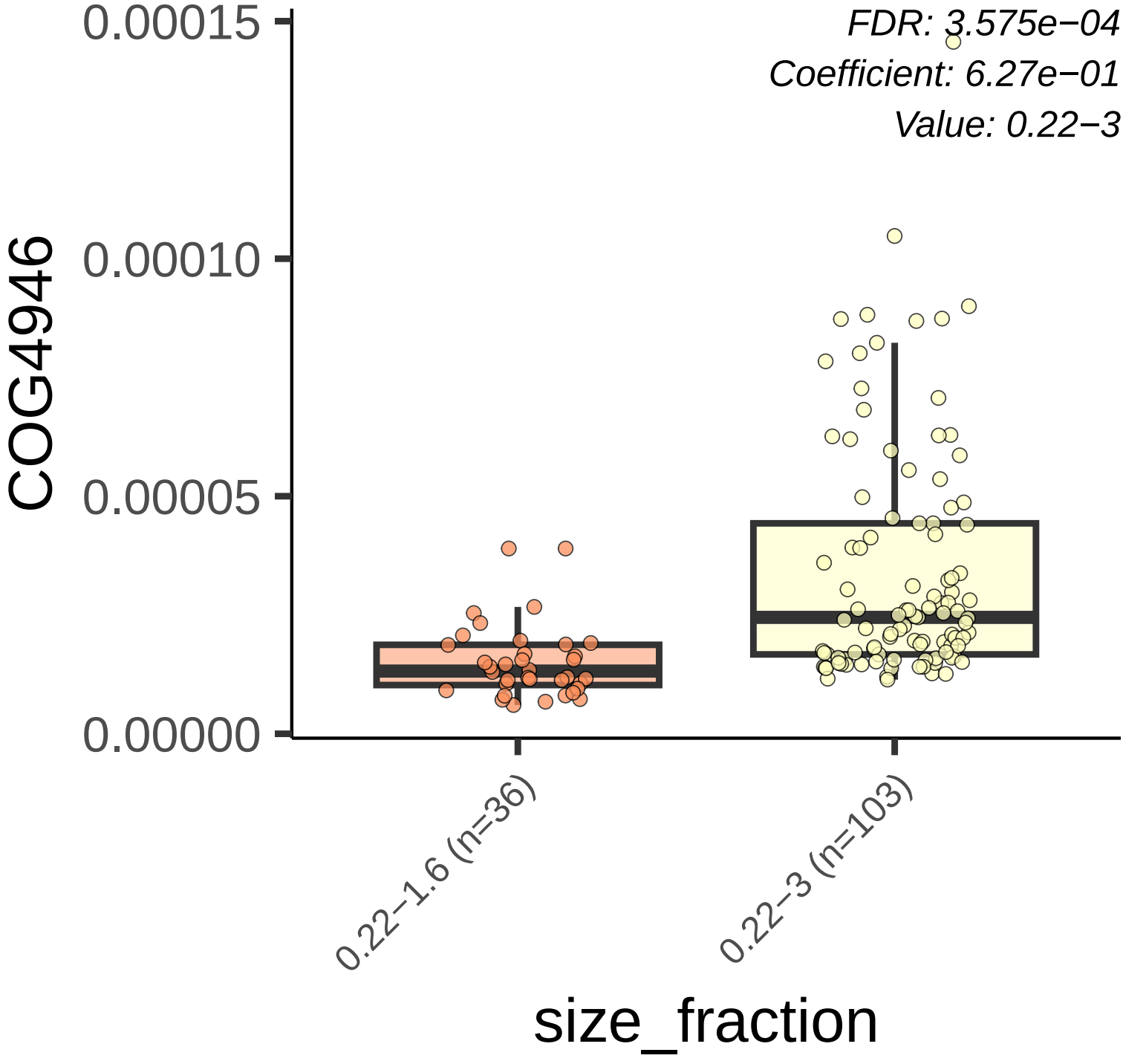

FDR: 2.183e−04
Coefficient: 9.12e−01
Value: 0.22−3
COG2013
7.5e−05
5.0e−05
2.5e−05
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

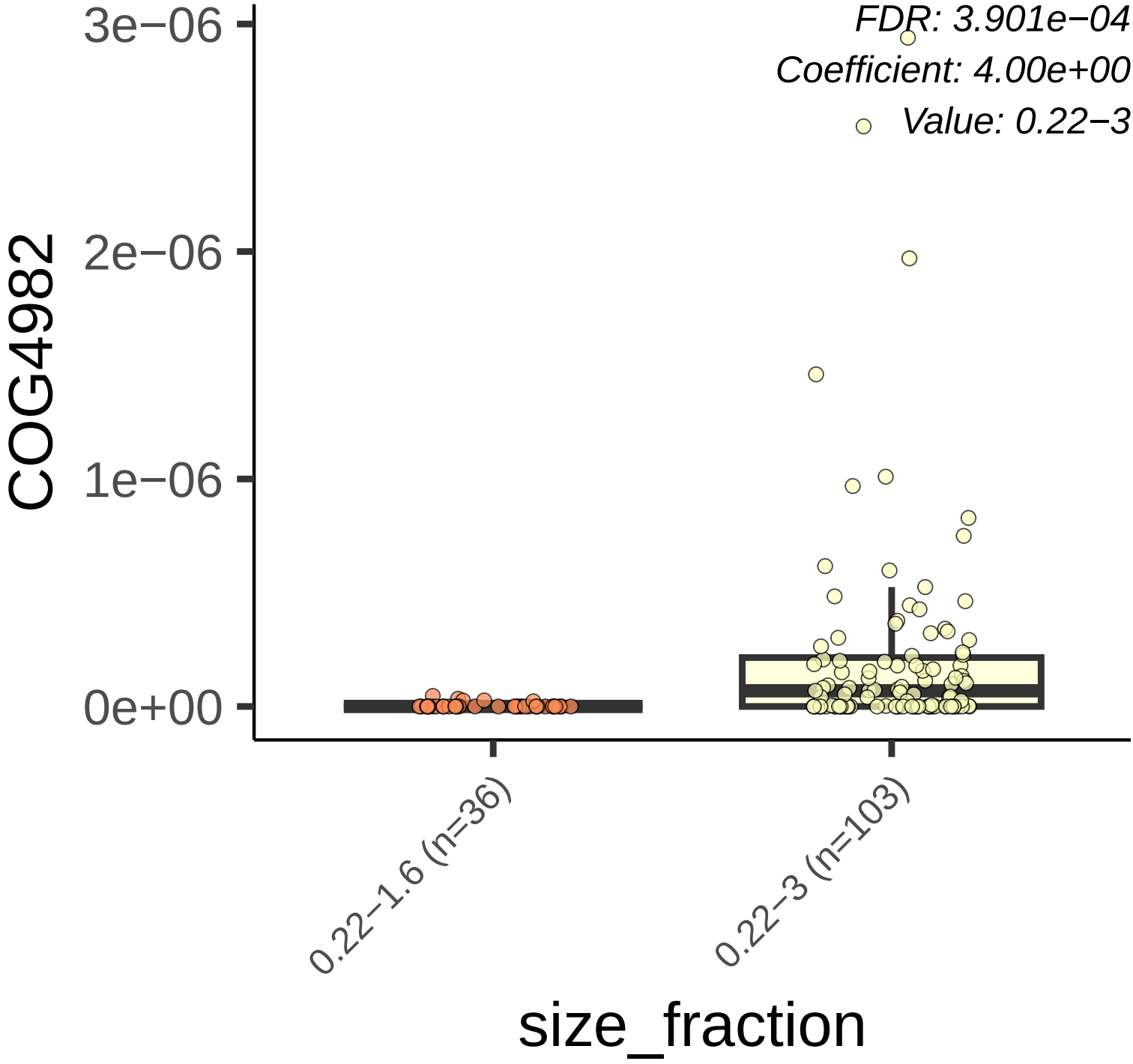

FDR: 2.292e−04
Coefficient: 1.01e+00
Value: 0.22−3
COG2320
2.0e−05
1.5e−05
1.0e−05
5.0e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

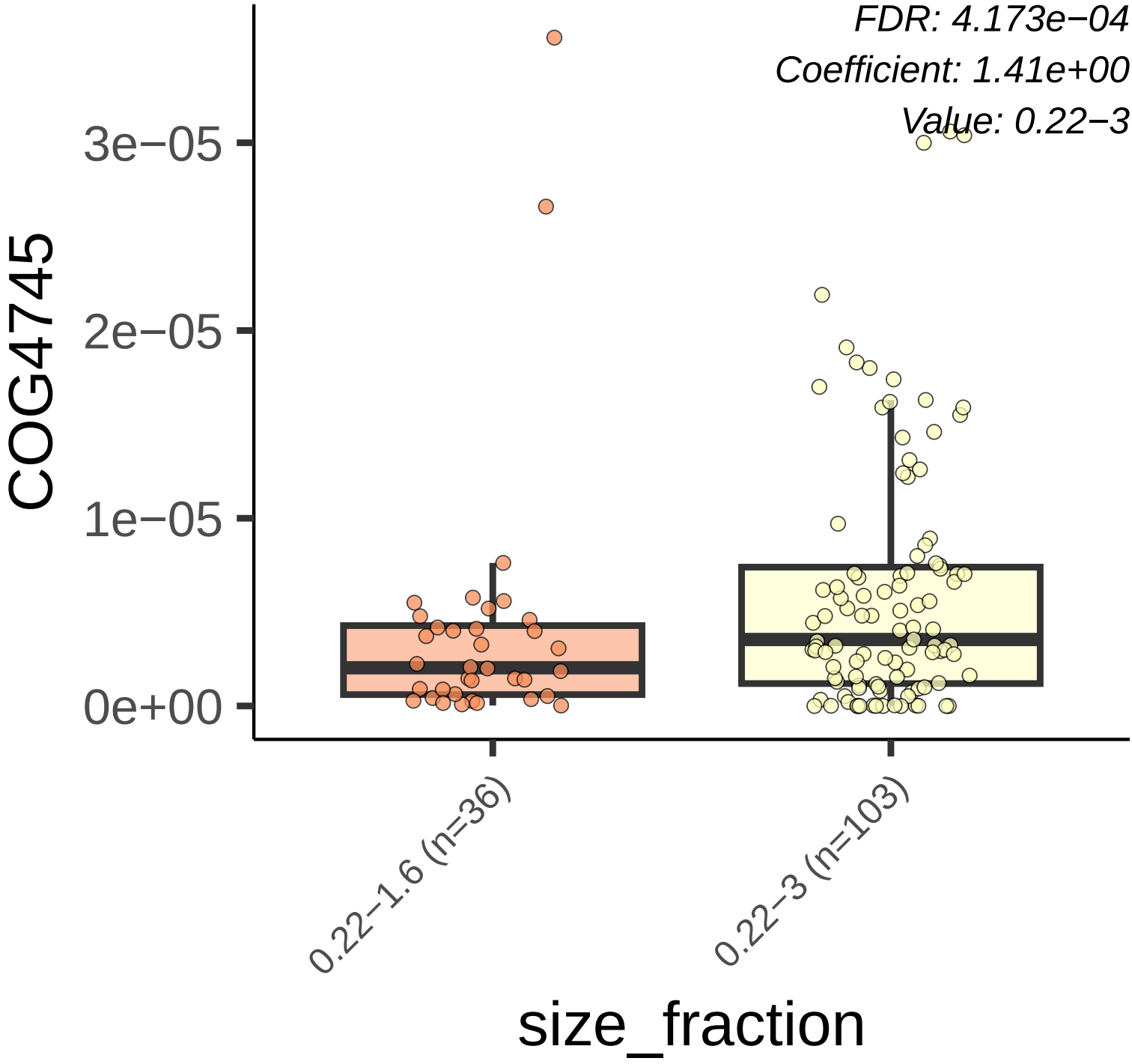

FDR: 2.674e−04
Coefficient: 1.15e+00
Value: 0.22−3
COG3055
2.0e−05
1.5e−05
1.0e−05
5.0e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

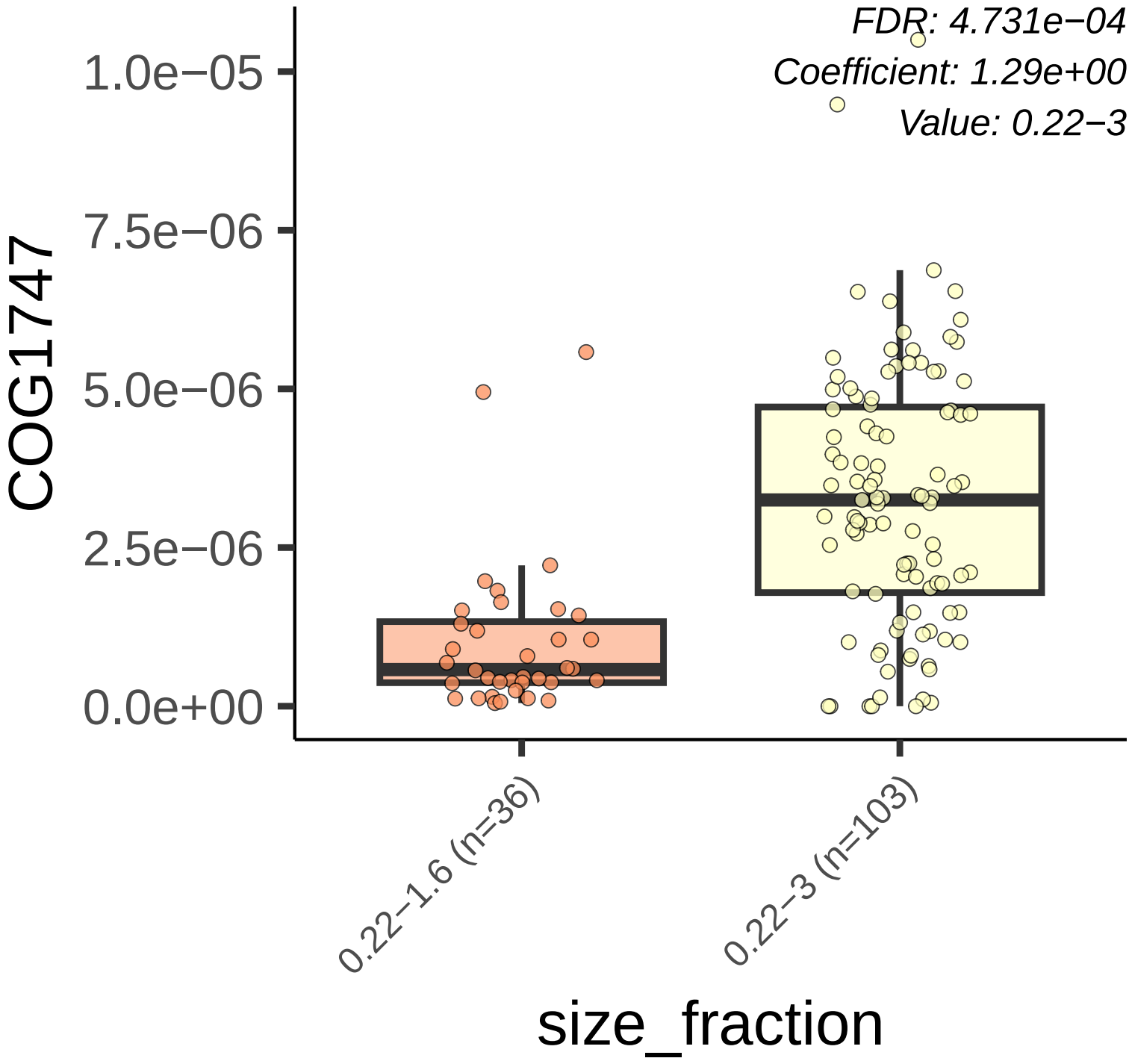

FDR: 2.803e−04
Coefficient: 4.86e+00
Value: 0.22−3
COG4934
3e−06
2e−06
1e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

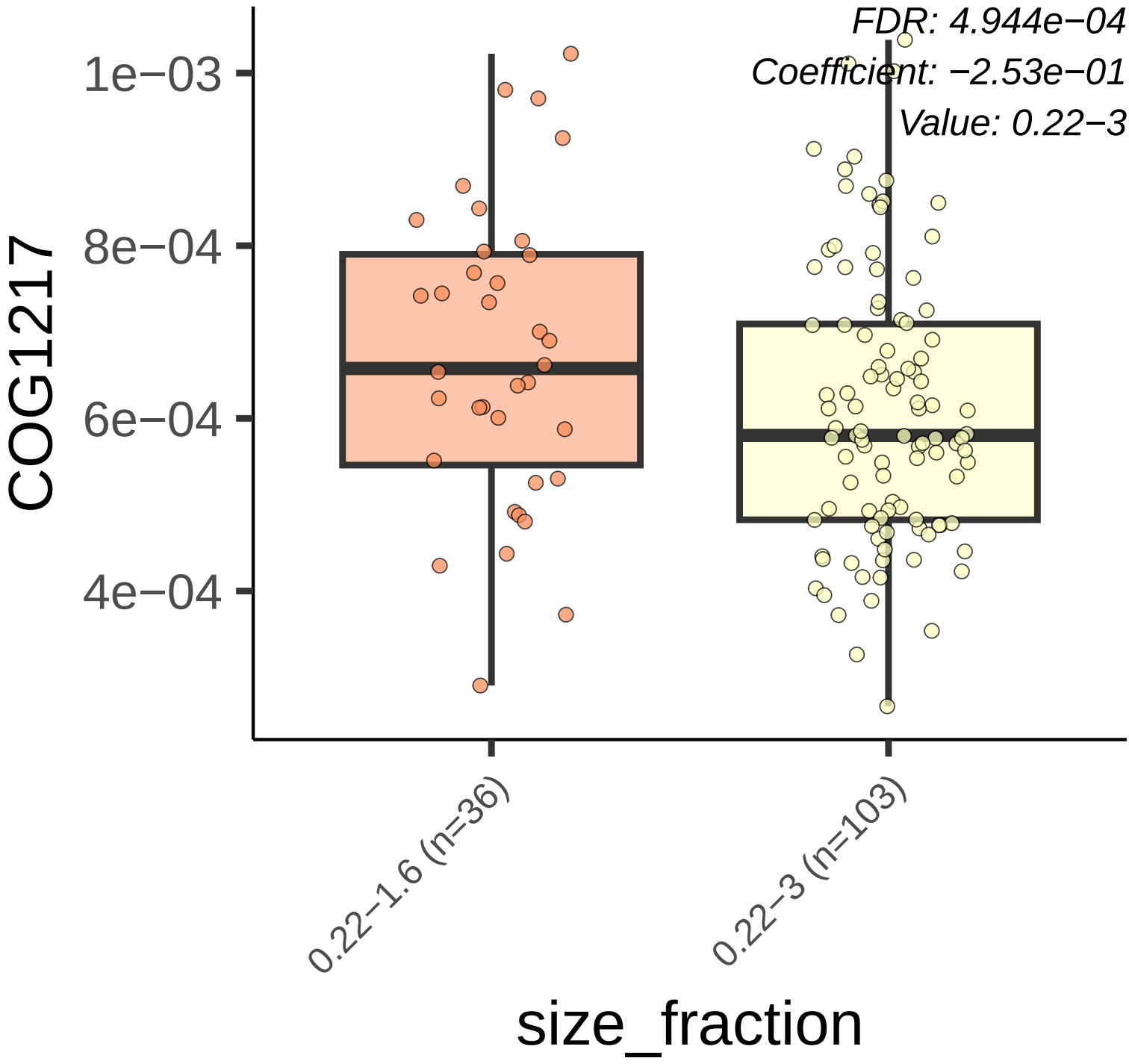

FDR: 3.410e−04
Coefficient: 2.82e+00
Value: 0.22−3
COG5586
2.0e−06
1.5e−06
1.0e−06
5.0e−07
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

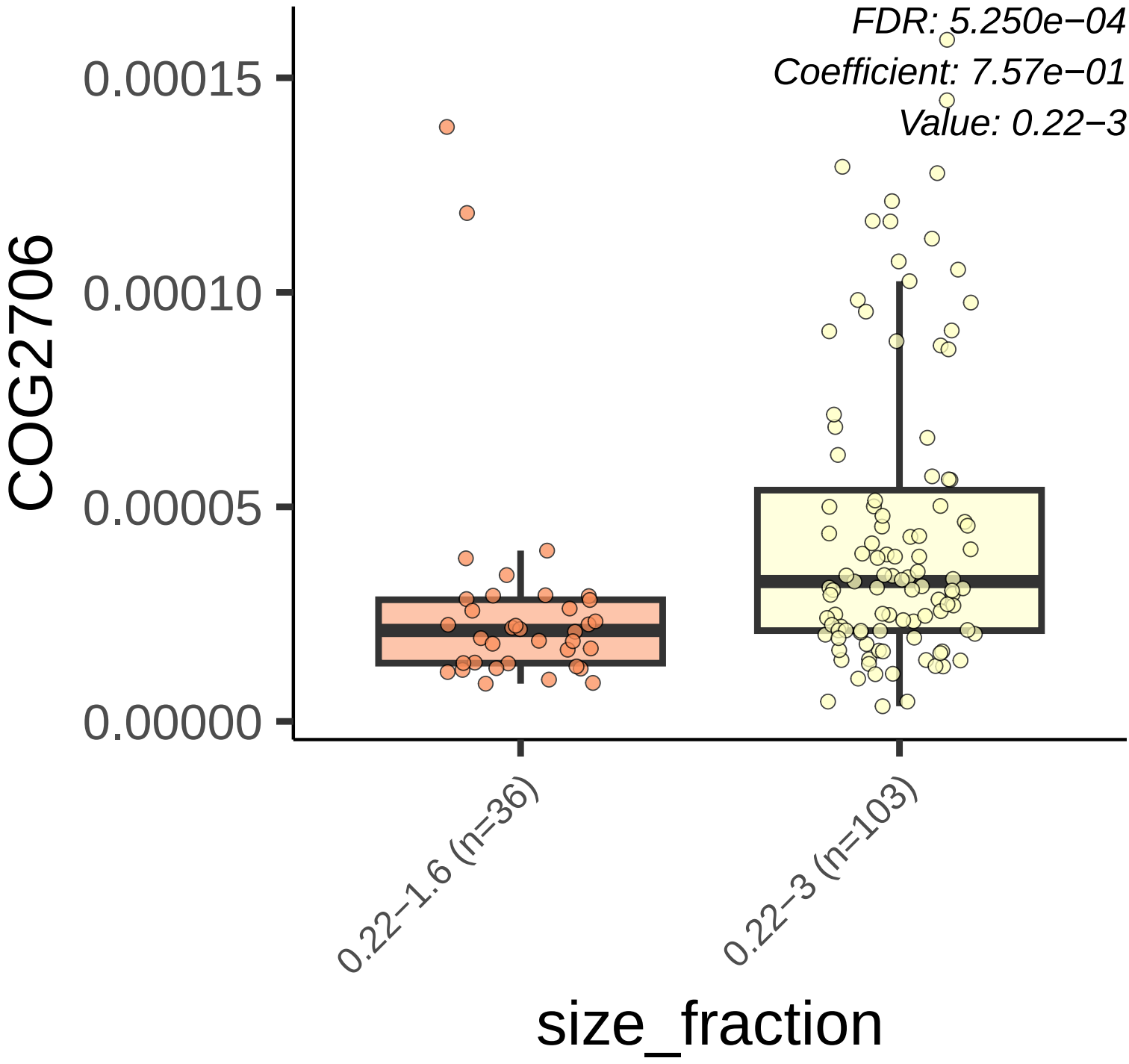

FDR: 3.575e−04
Coefficient: 6.27e−01
Value: 0.22−3
COG4946
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

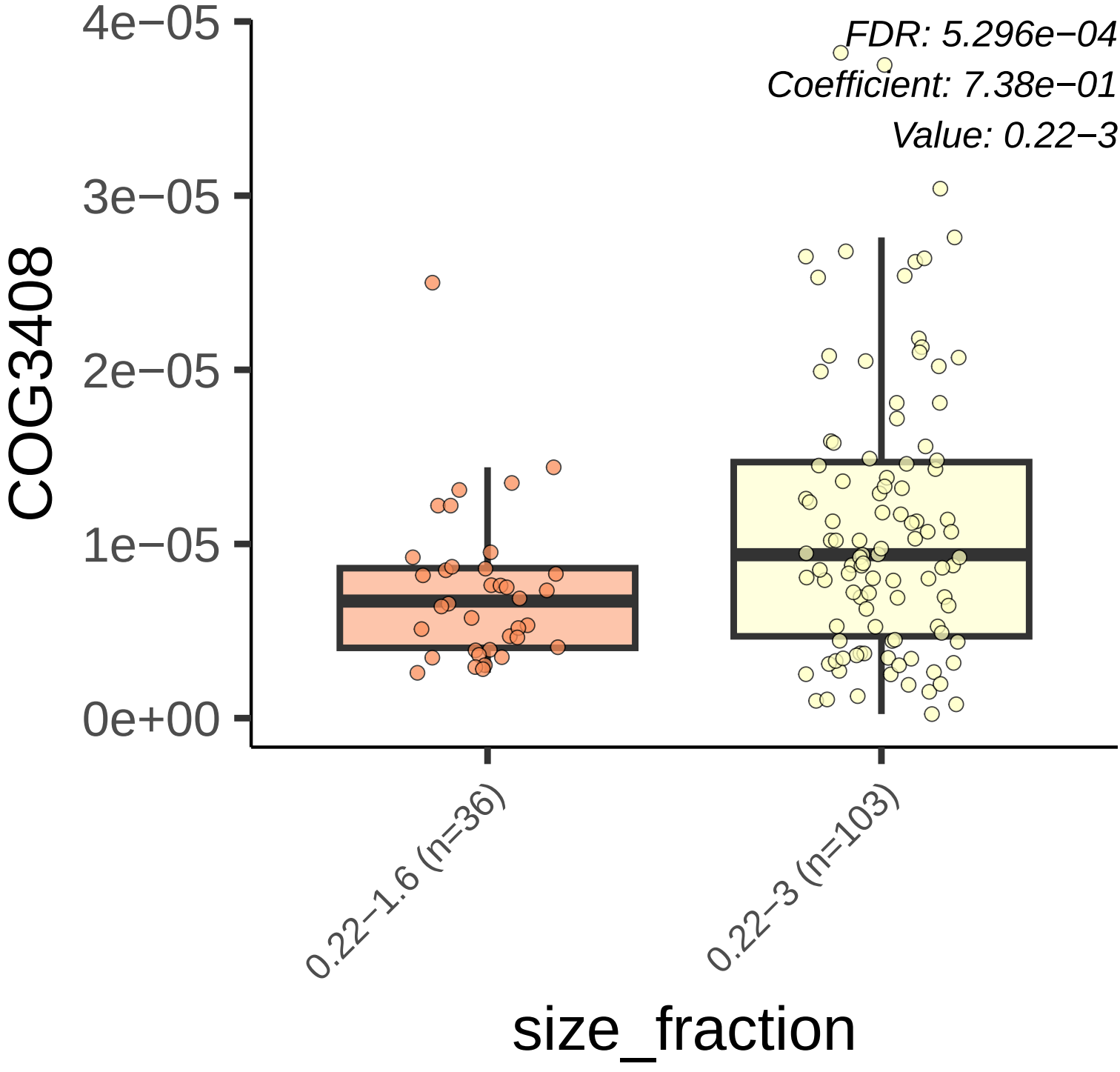

FDR: 3.901e−04
Coefficient: 4.00e+00
Value: 0.22−3
COG4982
3e−06
2e−06
1e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

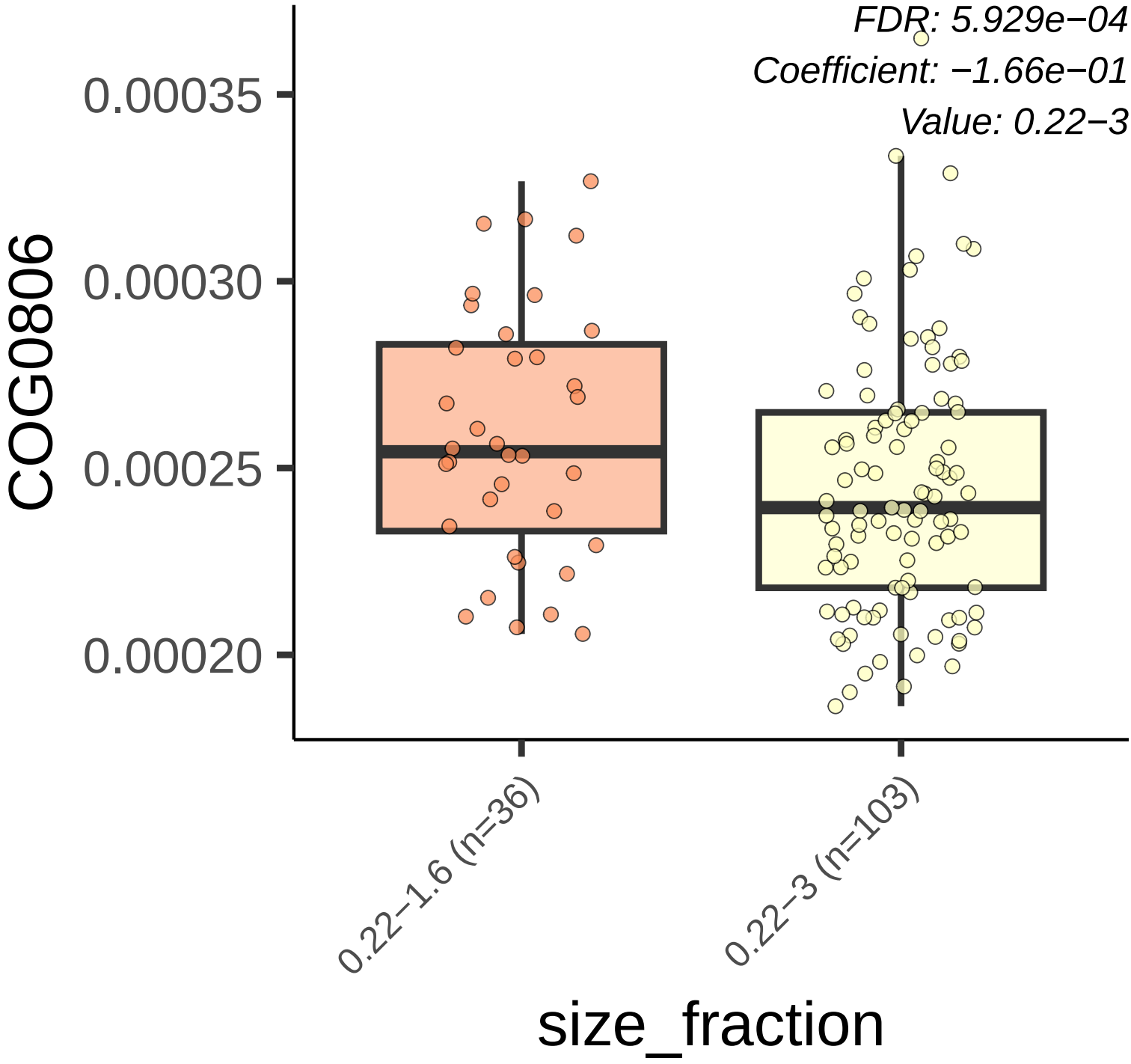

FDR: 4.173e−04
Coefficient: 1.41e+00
Value: 0.22−3
COG4745
3e−05
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

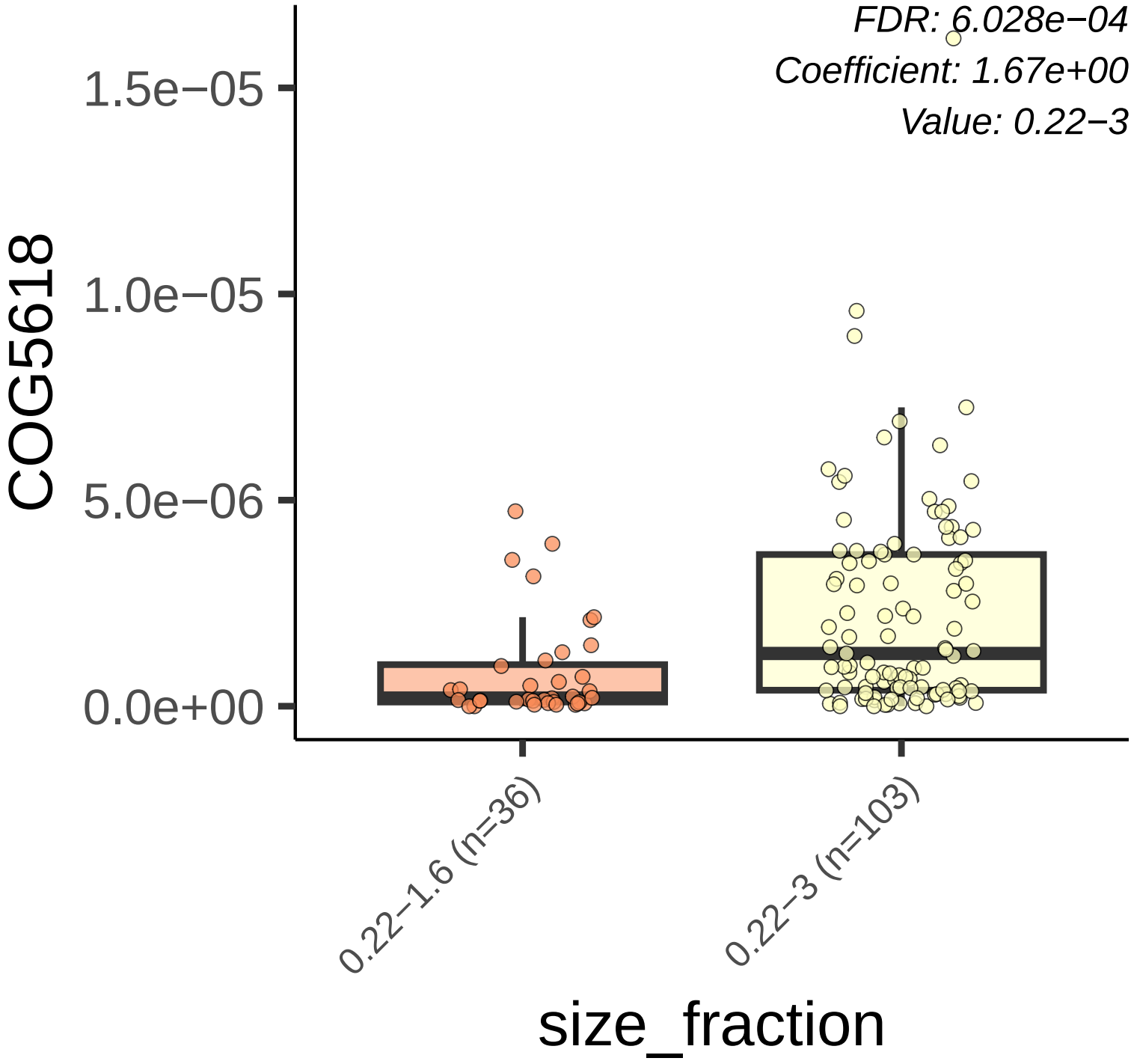

FDR: 4.731e−04
Coefficient: 1.29e+00
Value: 0.22−3
COG1747
1.0e−05
7.5e−06
5.0e−06
2.5e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

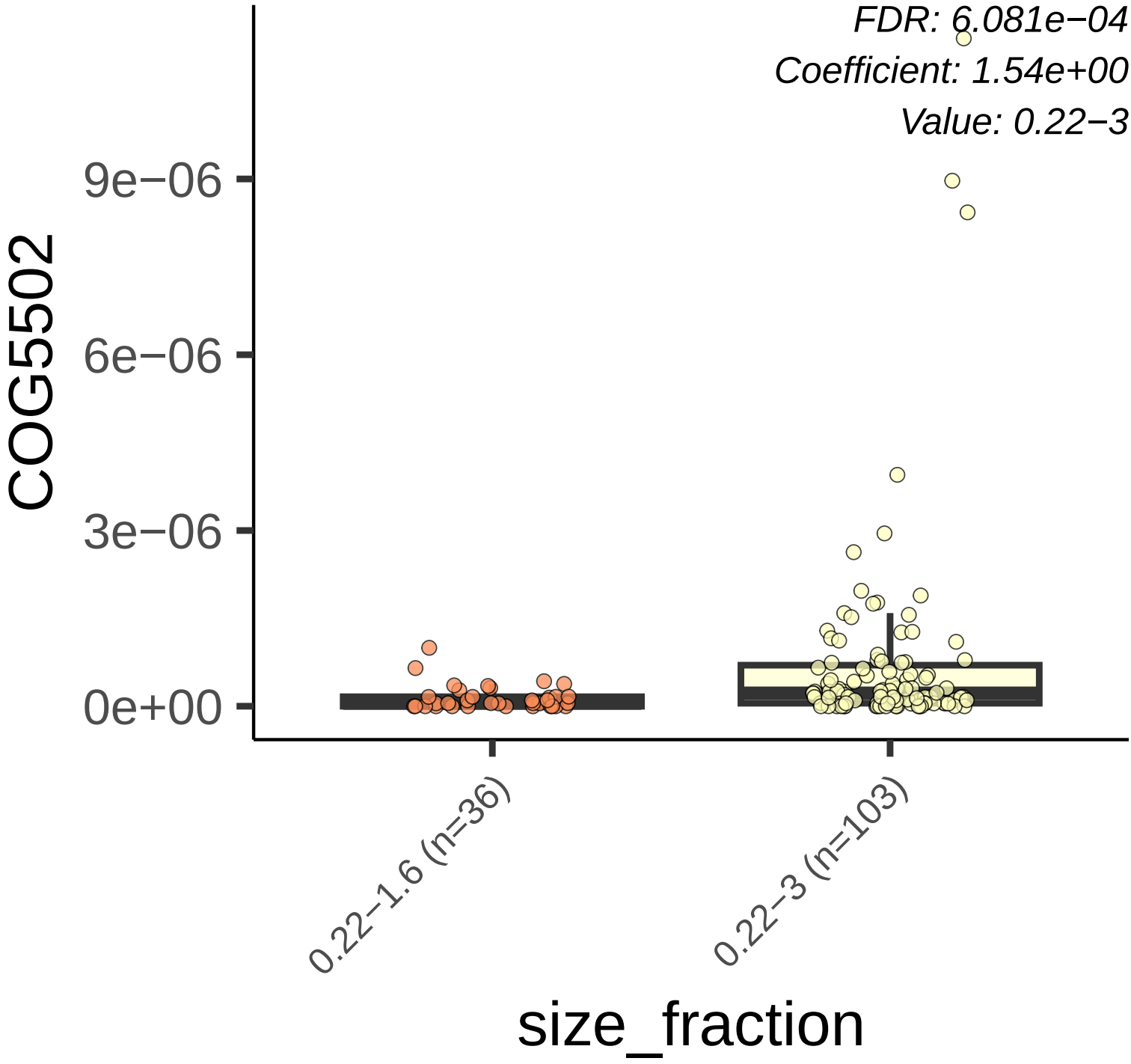

FDR: 4.944e−04
Coefficient: −2.53e−01
Value: 0.22−3
1e−03
8e−04
6e−04
4e−04
COG1217
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

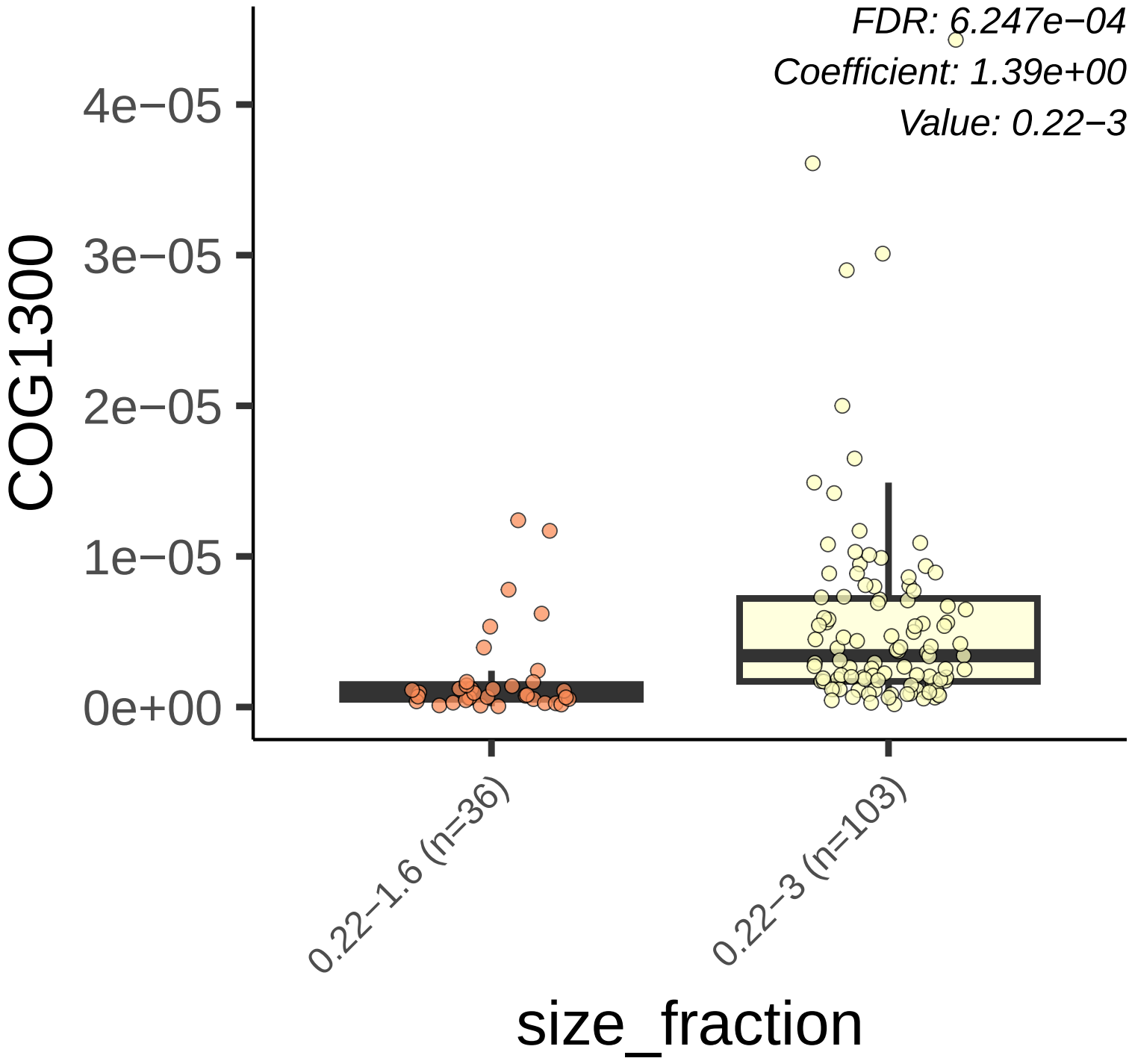

FDR: 5.250e−04
Coefficient: 7.57e−01
Value: 0.22−3
COG2706
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

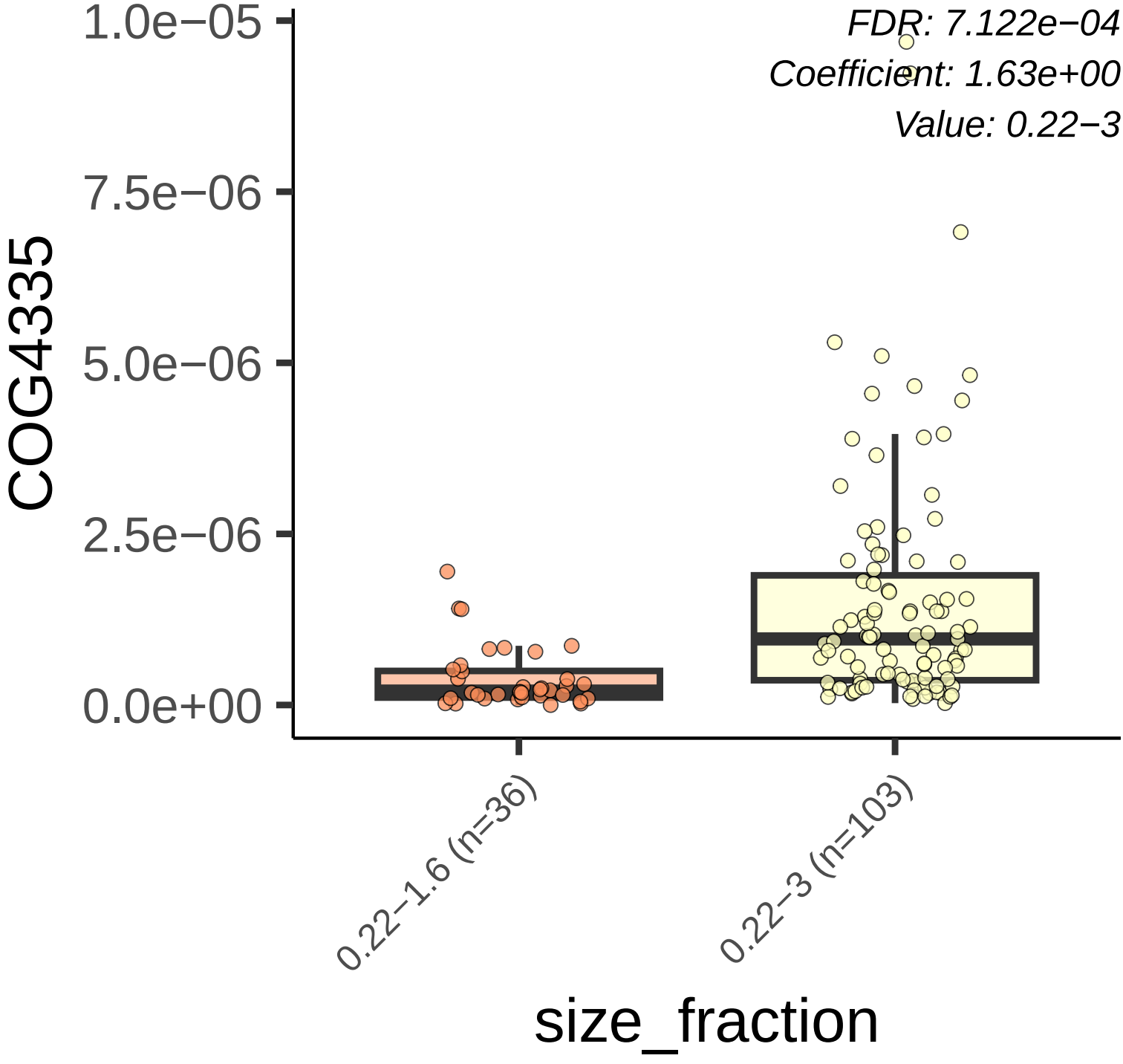

FDR: 5.296e−04
Coefficient: 7.38e−01
Value: 0.22−3
COG3408
4e−05
3e−05
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

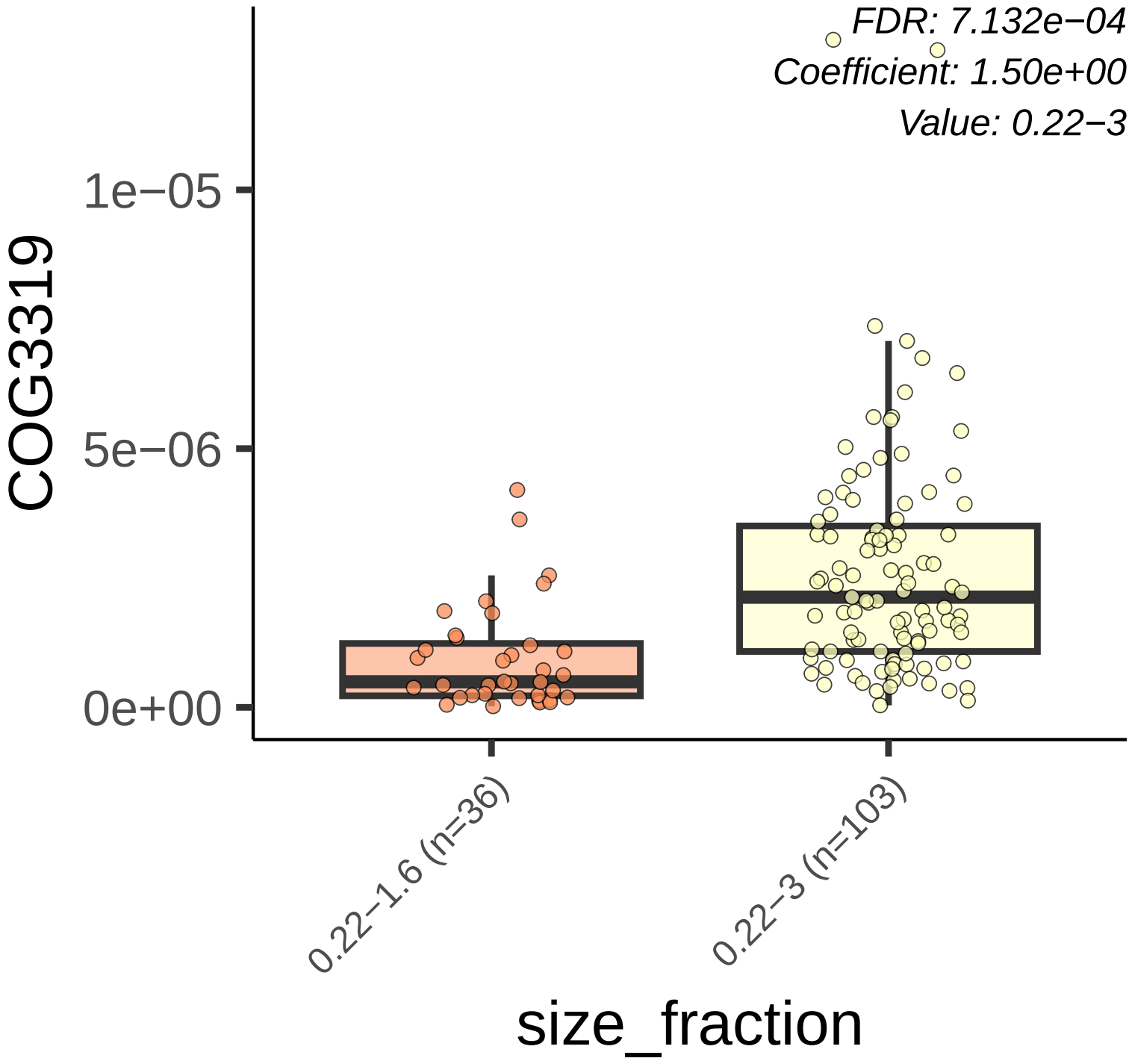

FDR: 5.929e−04
Coefficient: −1.66e−01
Value: 0.22−3
COG0806
0.00035
0.00030
0.00025
0.00020
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

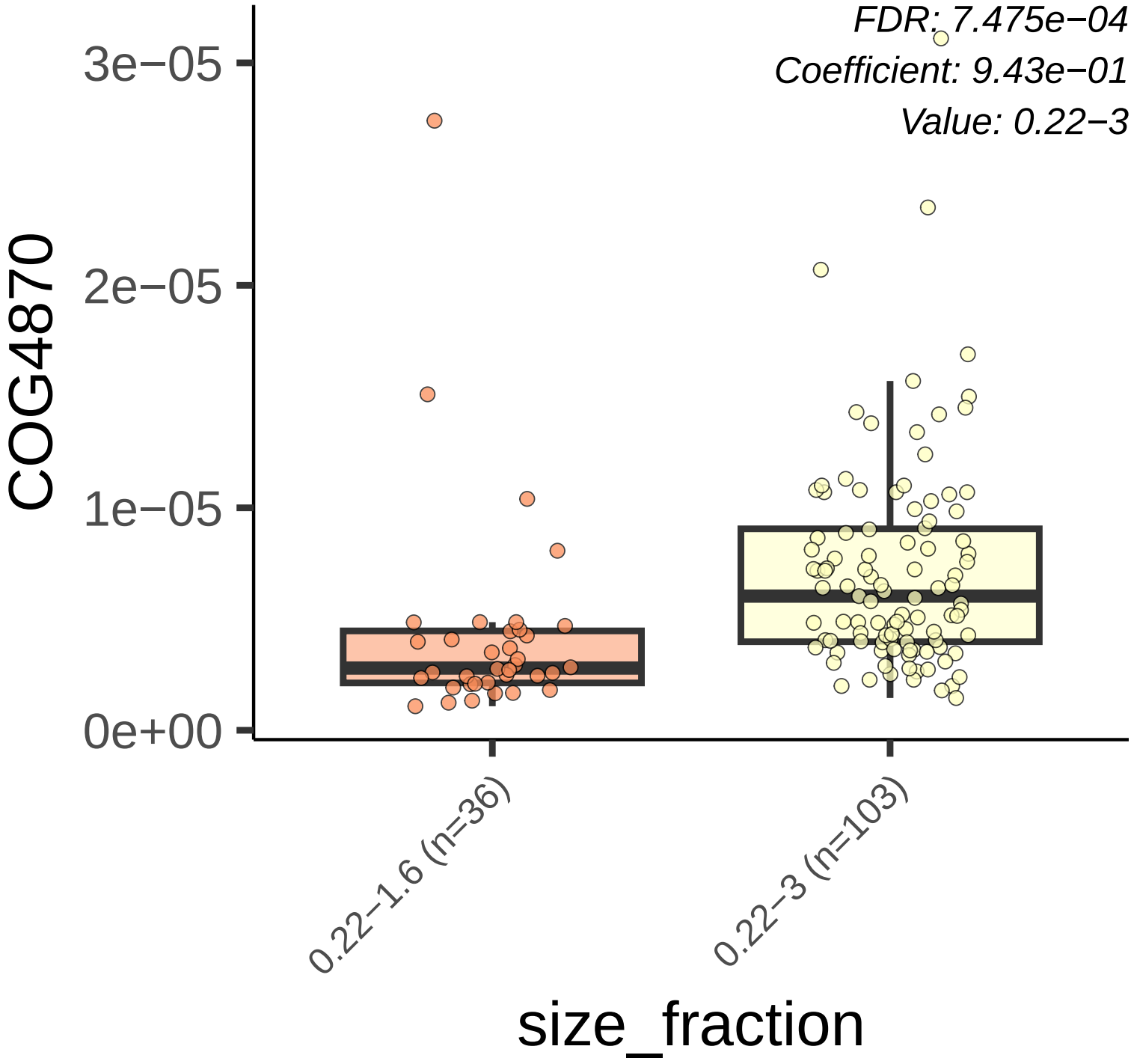

FDR: 6.028e−04
Coefficient: 1.67e+00
Value: 0.22−3
COG5618
1.5e−05
1.0e−05
5.0e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

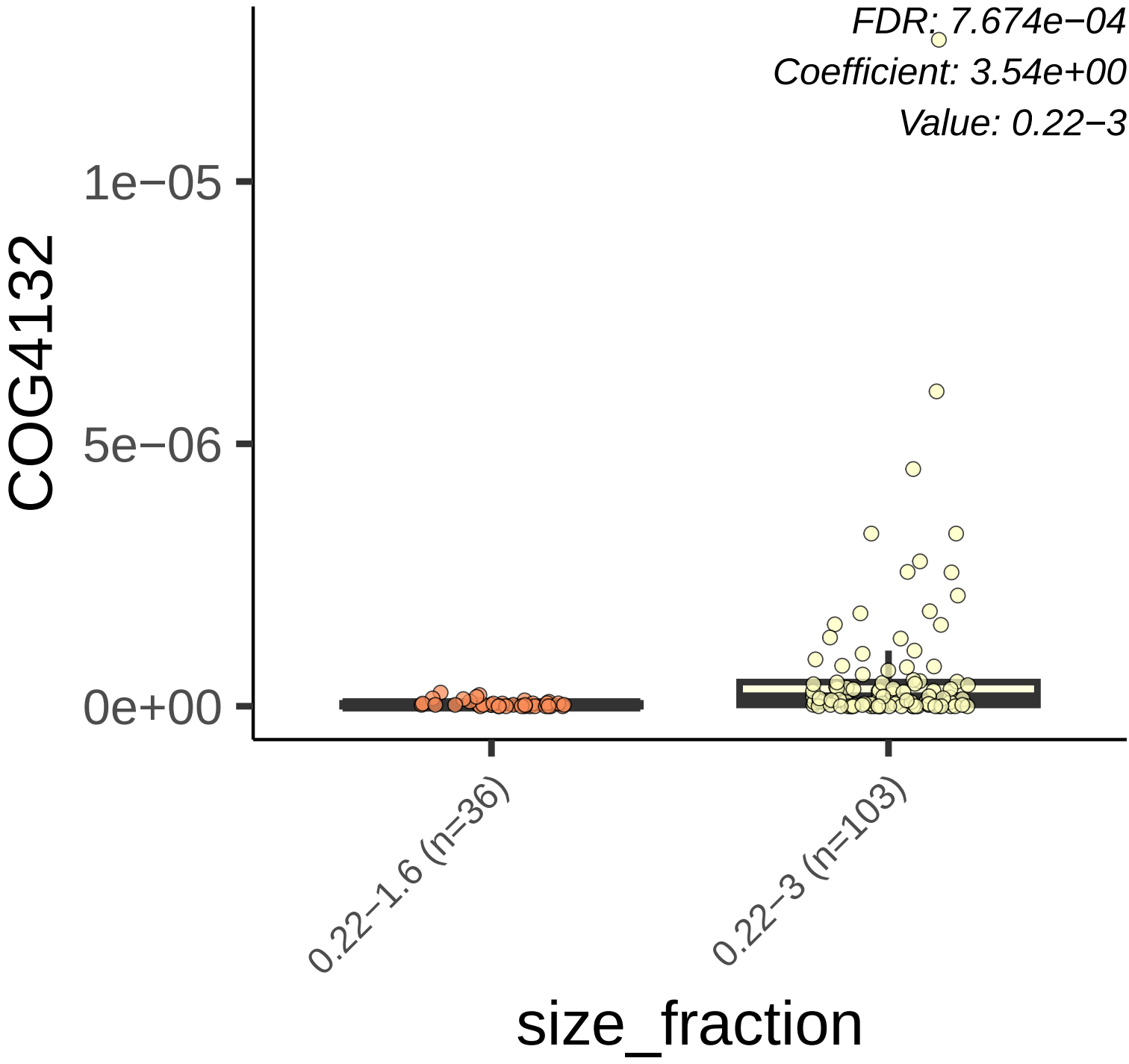

FDR: 6.081e−04
Coefficient: 1.54e+00
Value: 0.22−3
COG5502
9e−06
6e−06
3e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

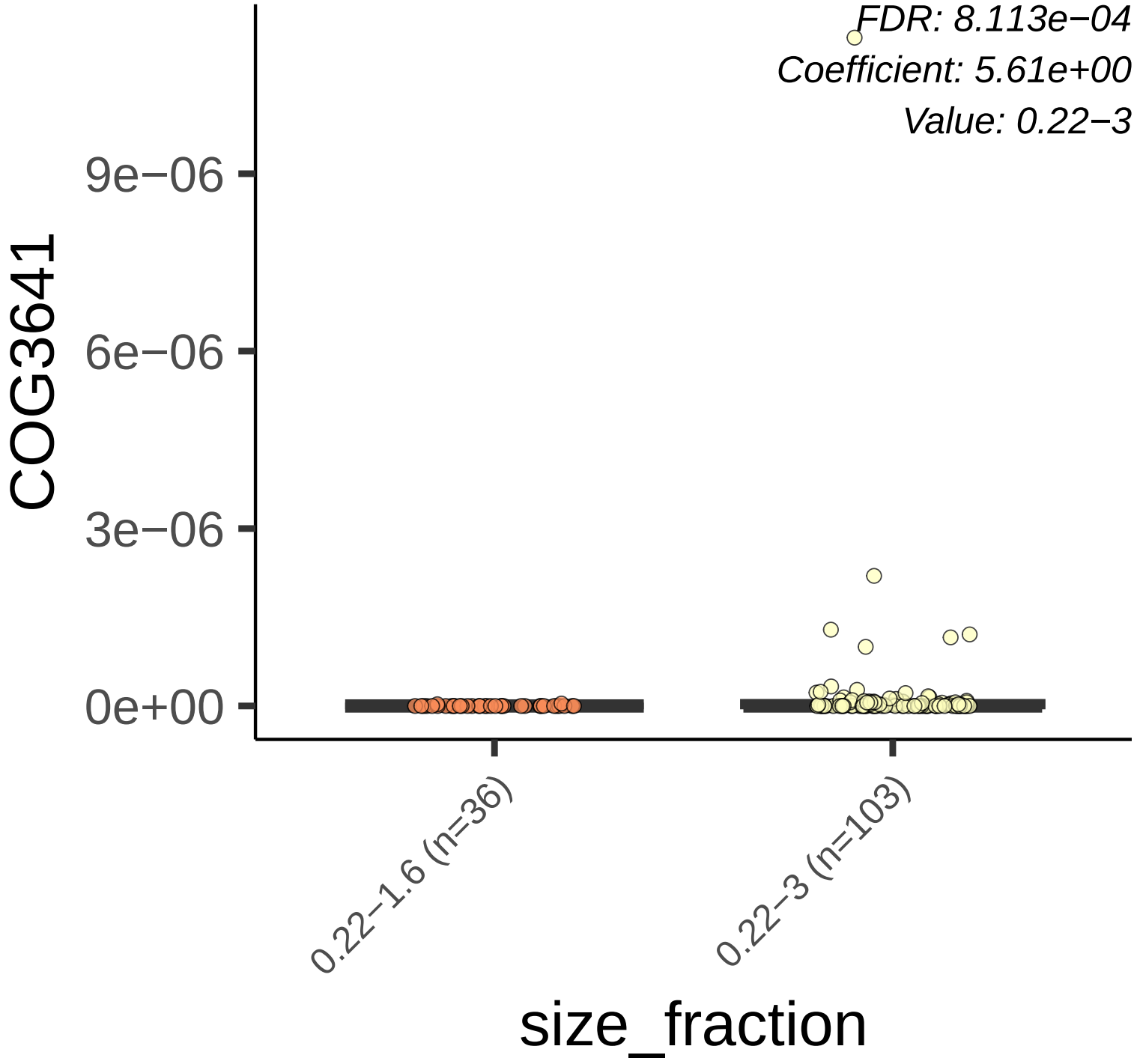

FDR: 6.247e−04
Coefficient: 1.39e+00
Value: 0.22−3
COG1300
4e−05
3e−05
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

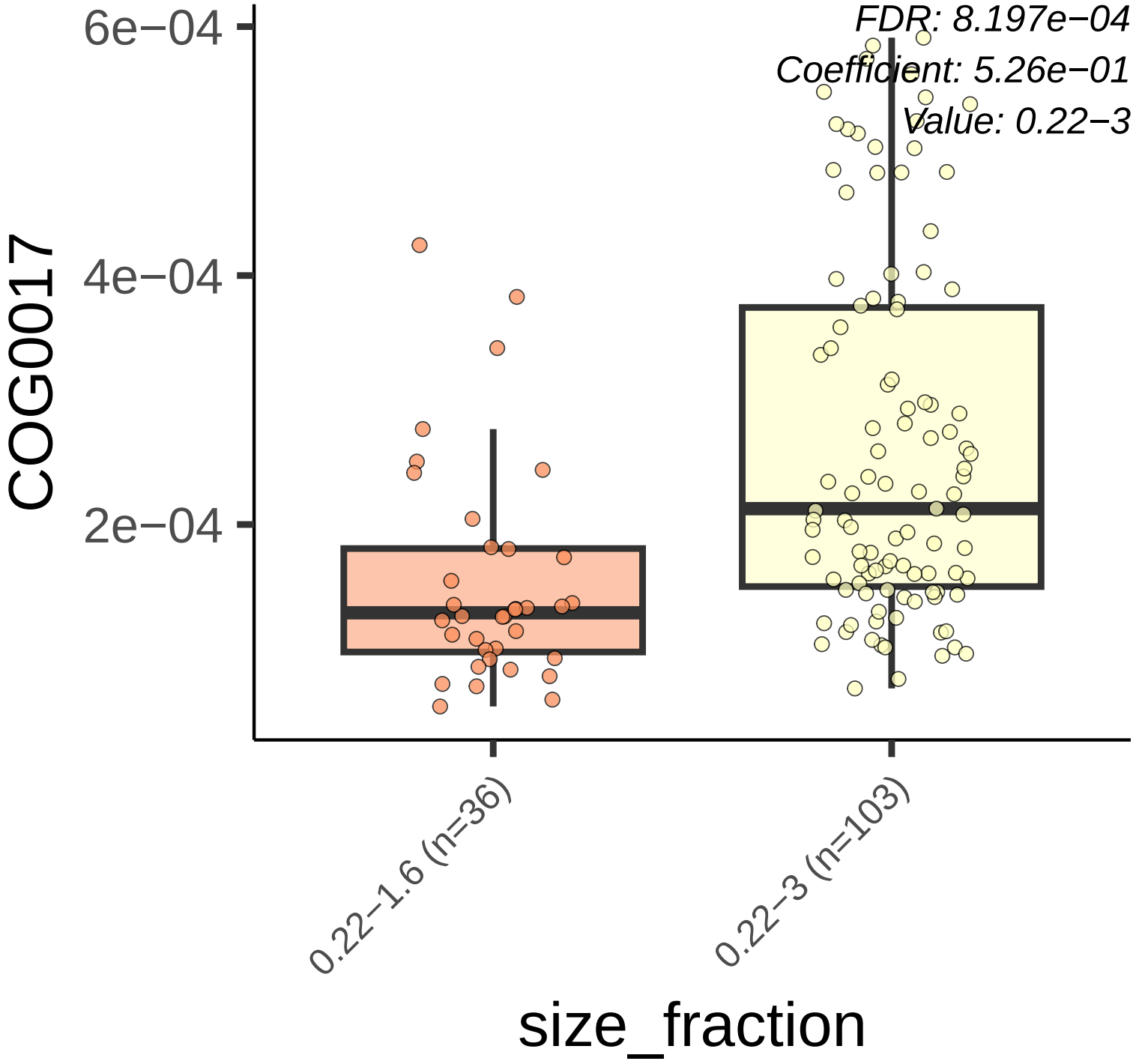

FDR: 7.122e−04
Coefficient: 1.63e+00
Value: 0.22−3
COG4335
1.0e−05
7.5e−06
5.0e−06
2.5e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

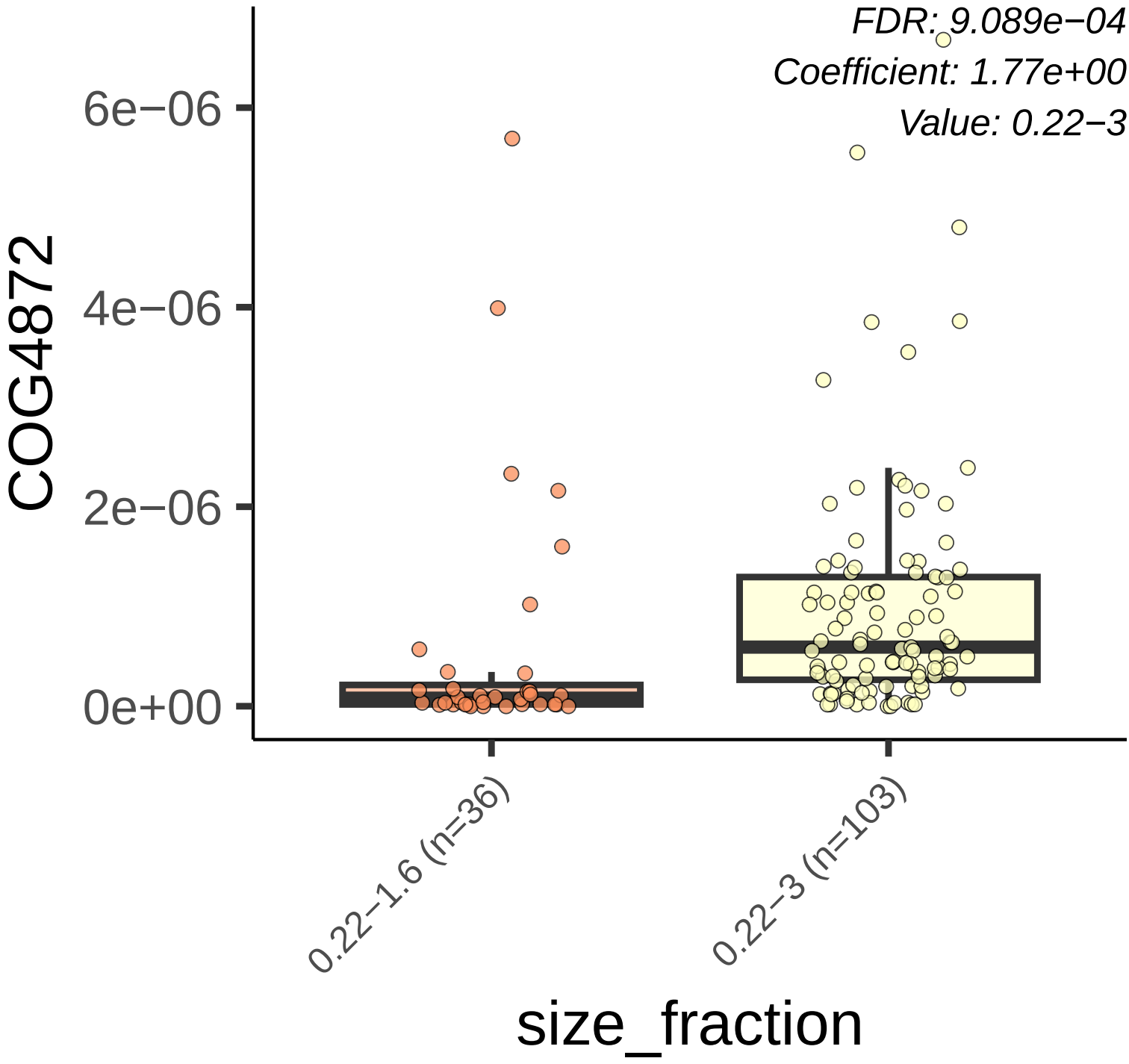

FDR: 7.132e−04
Coefficient: 1.50e+00
Value: 0.22−3
COG3319
1e−05
5e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

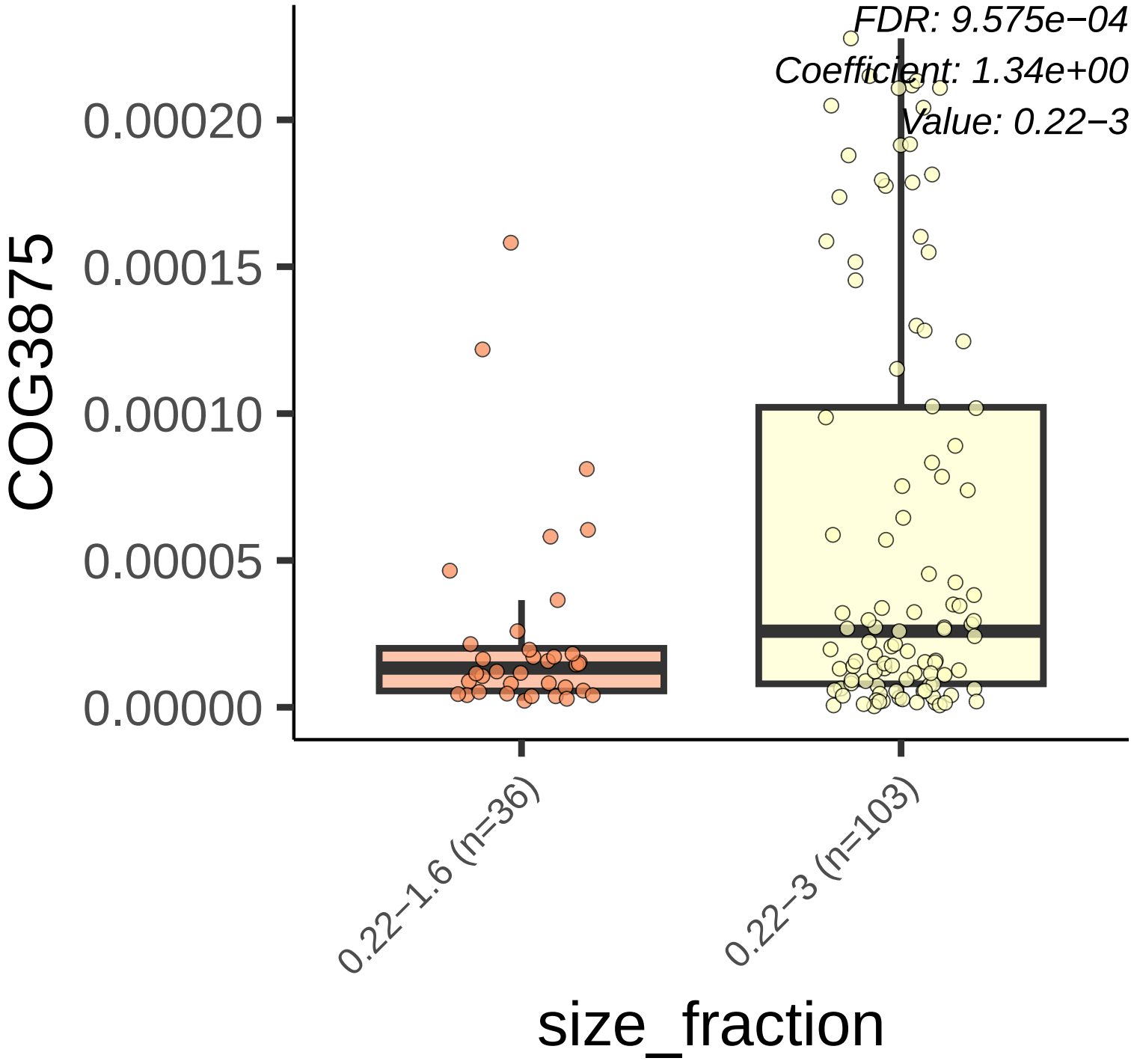

FDR: 7.475e−04
Coefficient: 9.43e−01
Value: 0.22−3
COG4870
3e−05
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

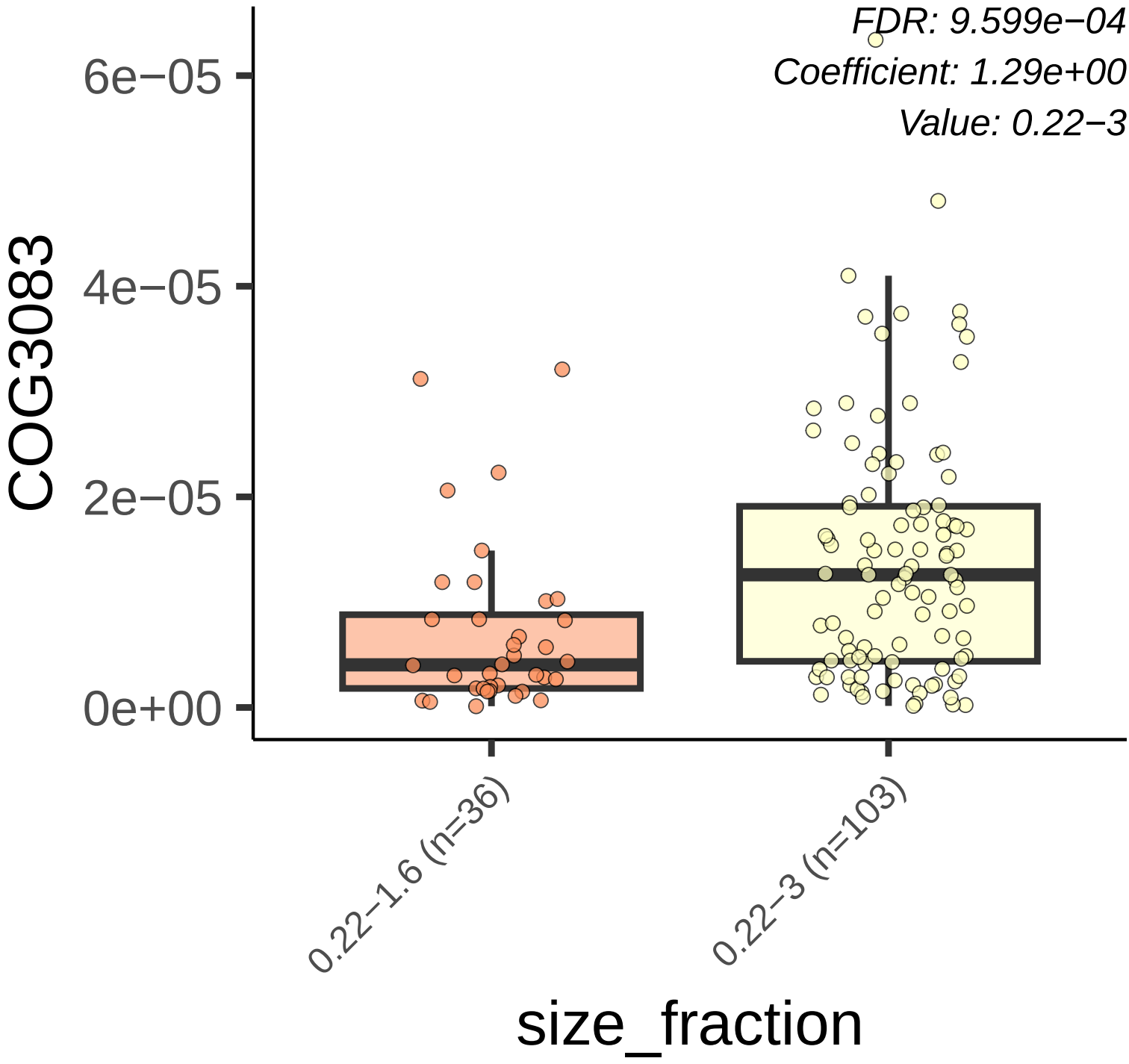

FDR: 7.674e−04
Coefficient: 3.54e+00
Value: 0.22−3
COG4132
1e−05
5e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

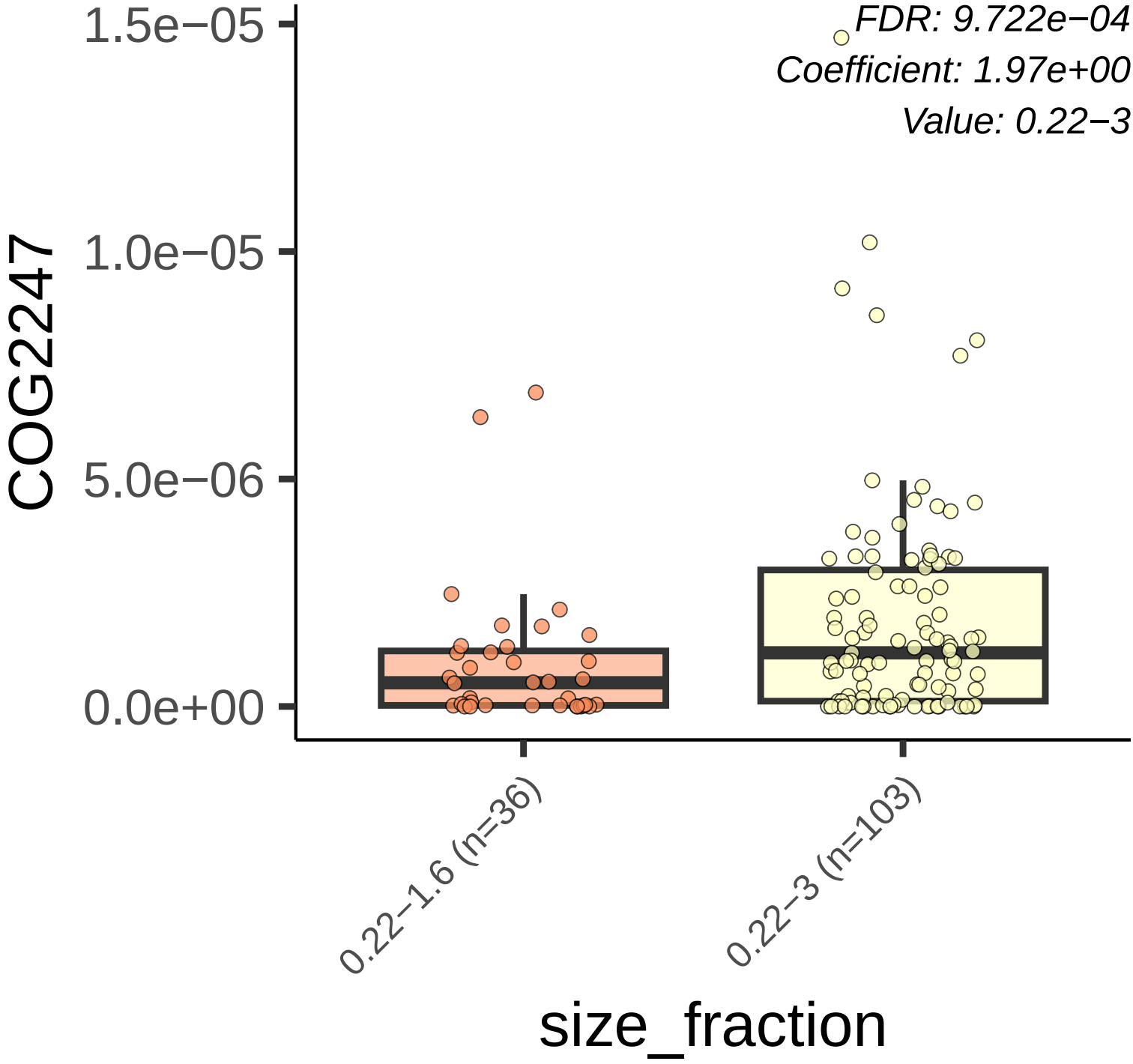

FDR: 8.113e−04
Coefficient: 5.61e+00
Value: 0.22−3
COG3641
9e−06
6e−06
3e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

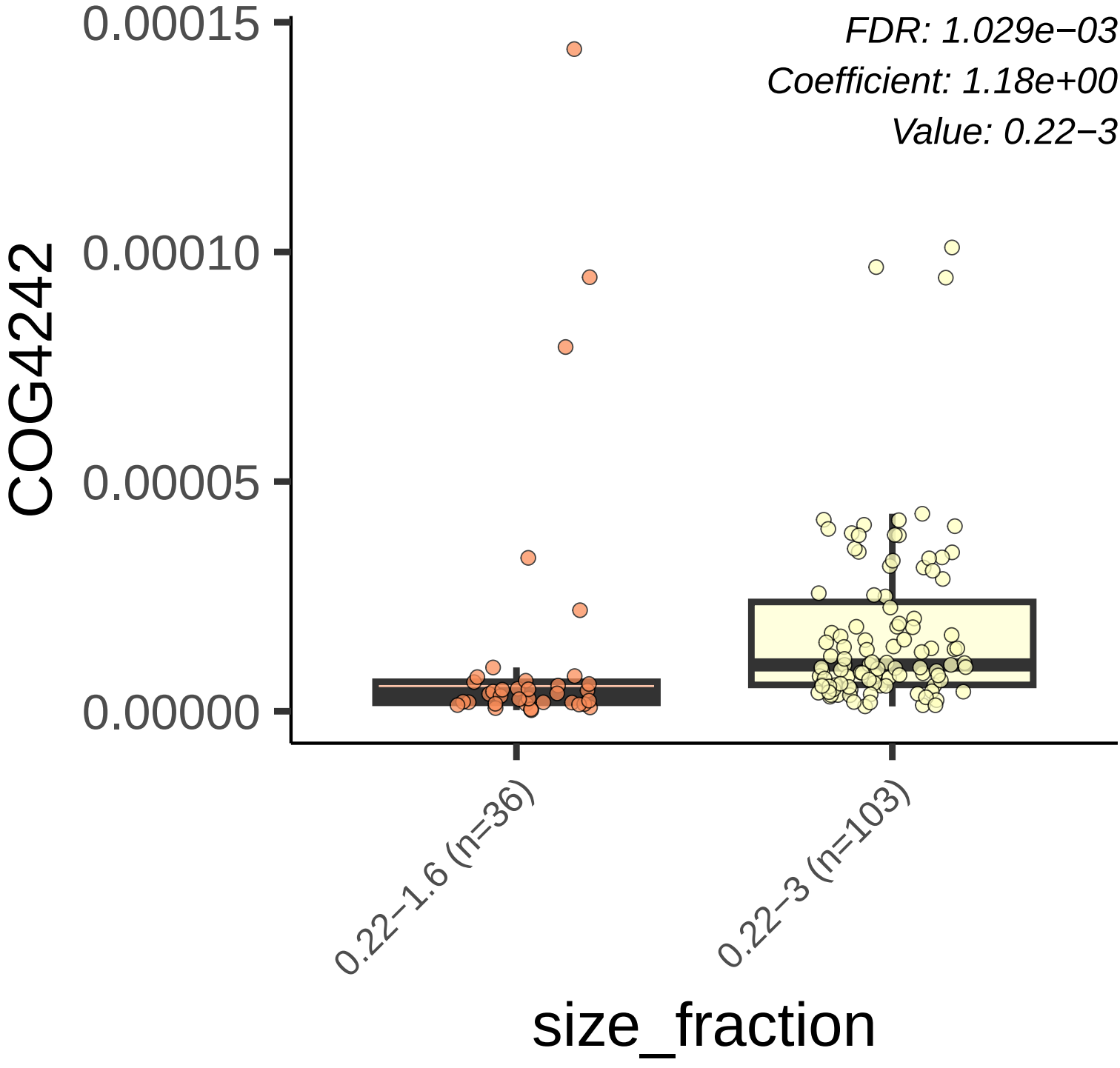

FDR: 8.197e−04
Coefficient: 5.26e−01
Value: 0.22−3
6e−04
4e−04
2e−04
COG0017
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

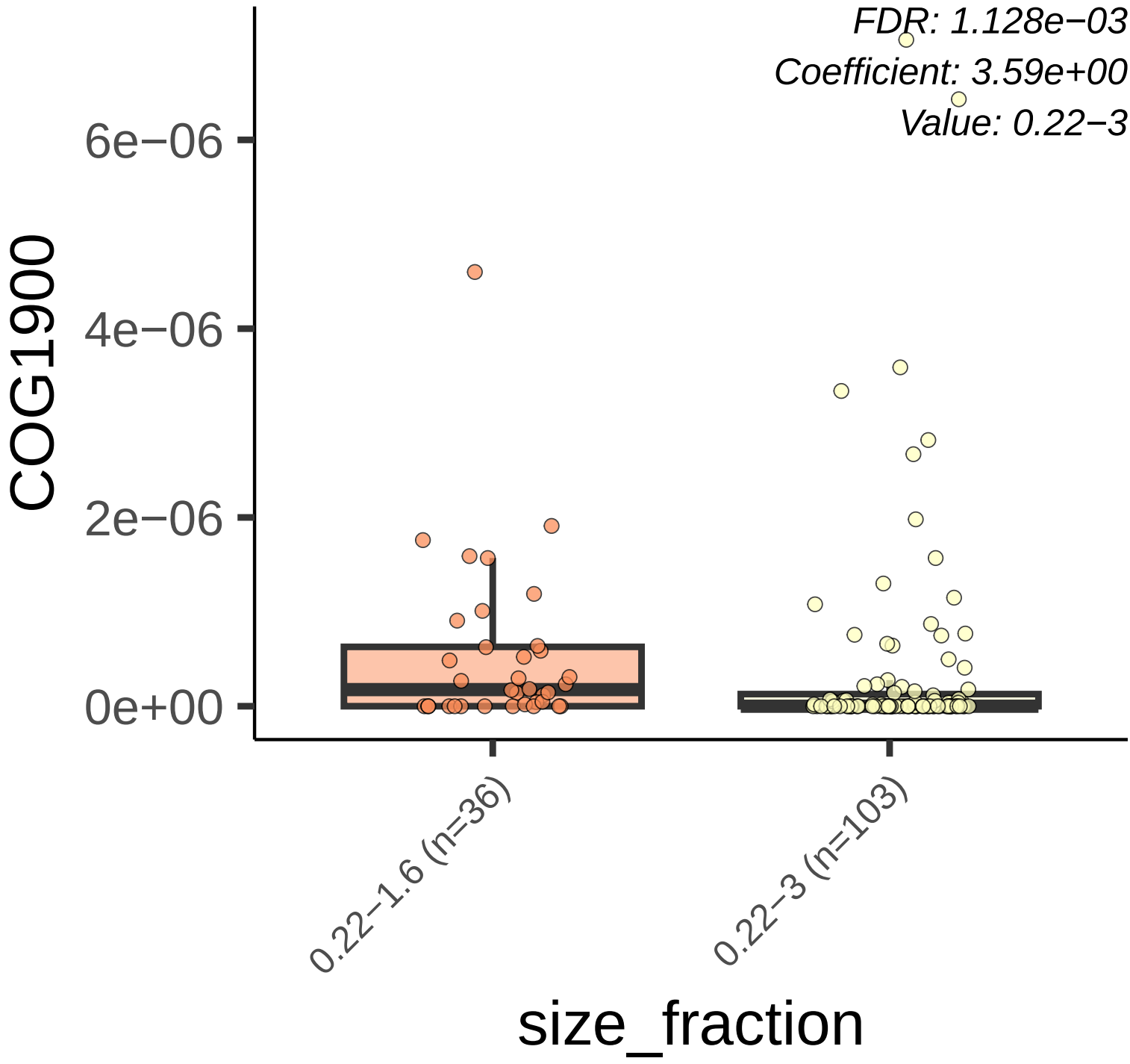

FDR: 9.089e−04
Coefficient: 1.77e+00
Value: 0.22−3
COG4872
6e−06
4e−06
2e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

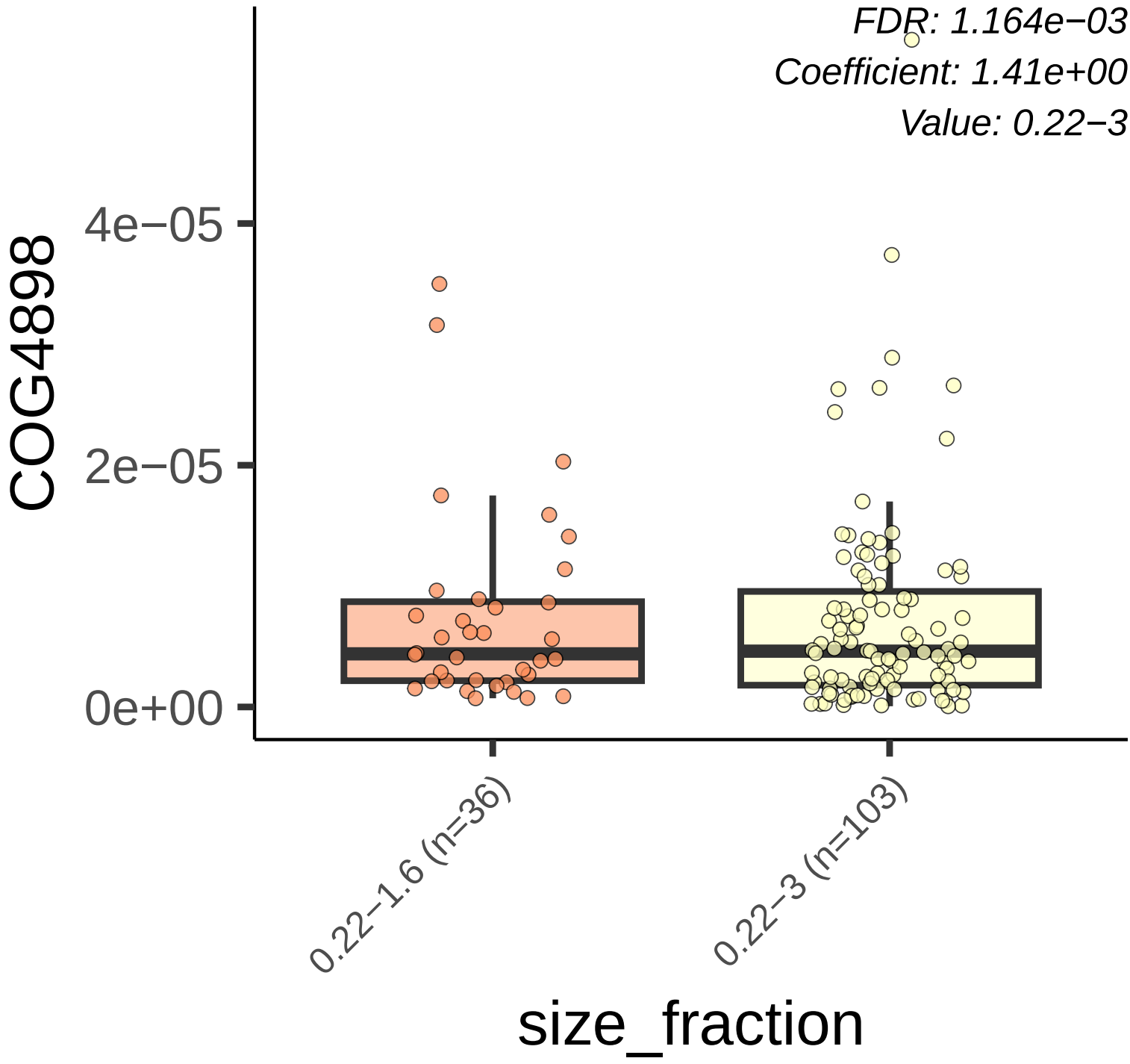

FDR: 9.575e−04
Coefficient: 1.34e+00
Value: 0.22−3
COG3875
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

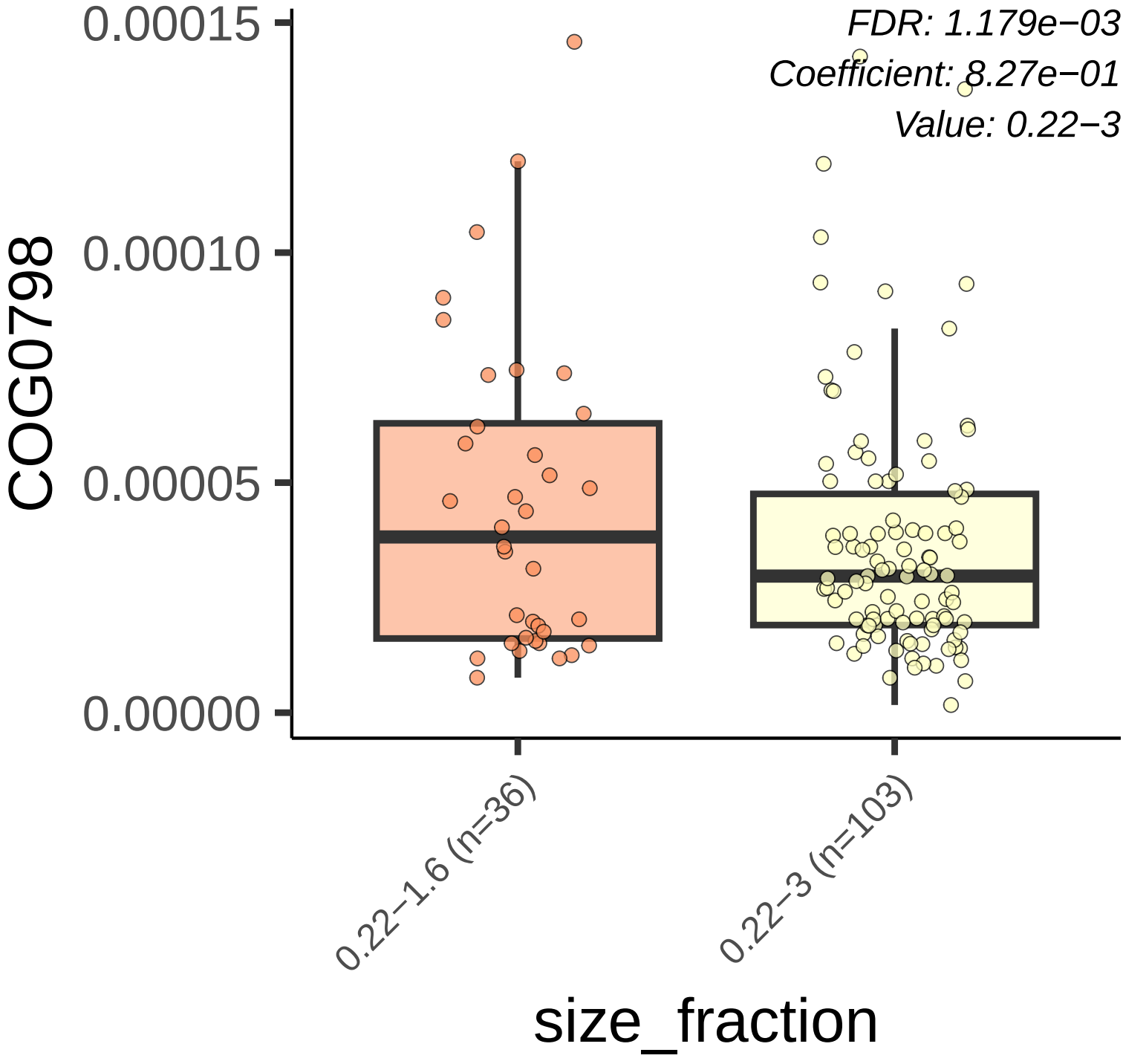

FDR: 9.599e−04
Coefficient: 1.29e+00
Value: 0.22−3
COG3083
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

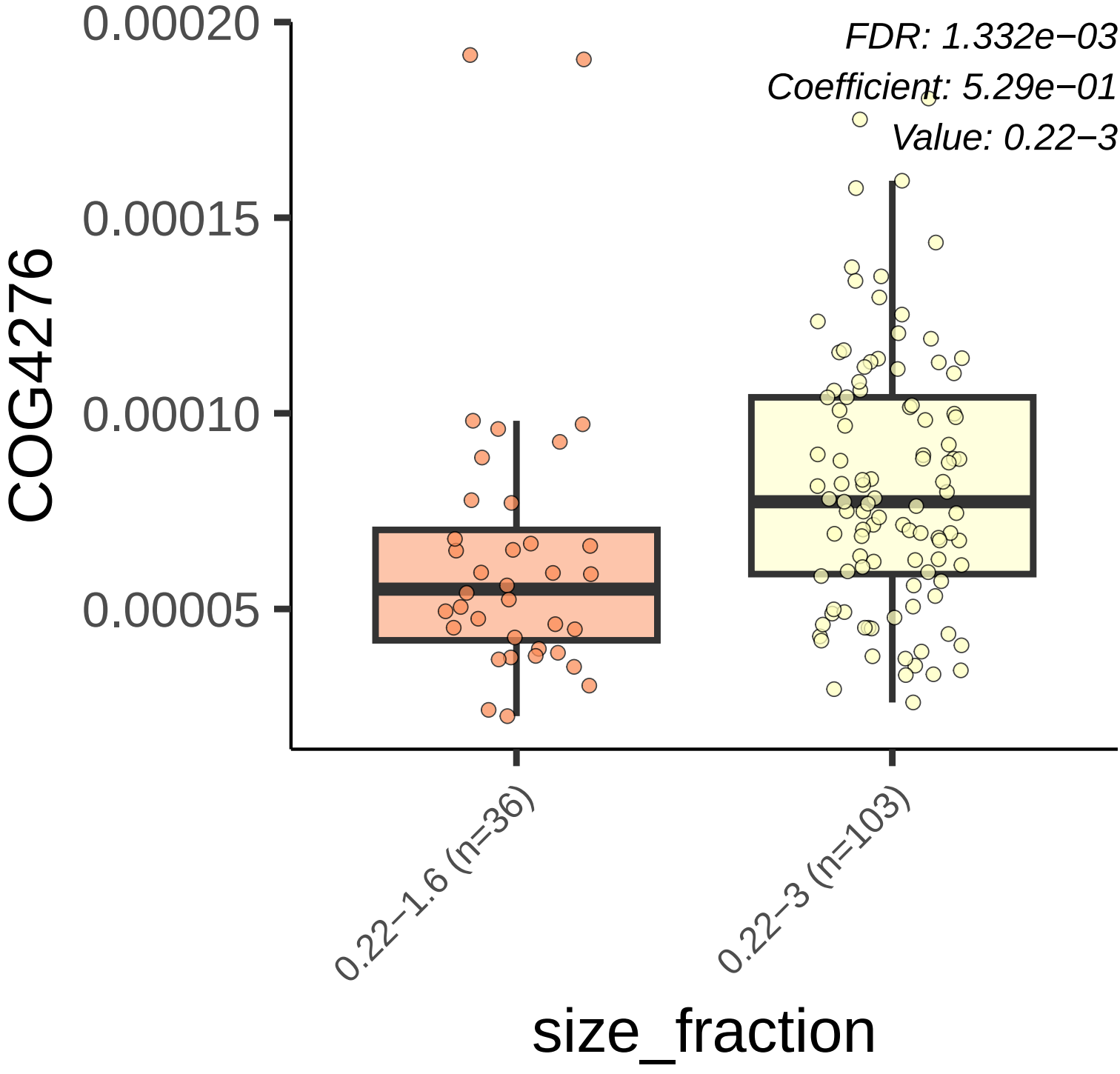

FDR: 9.722e−04
Coefficient: 1.97e+00
Value: 0.22−3
COG2247
1.5e−05
1.0e−05
5.0e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

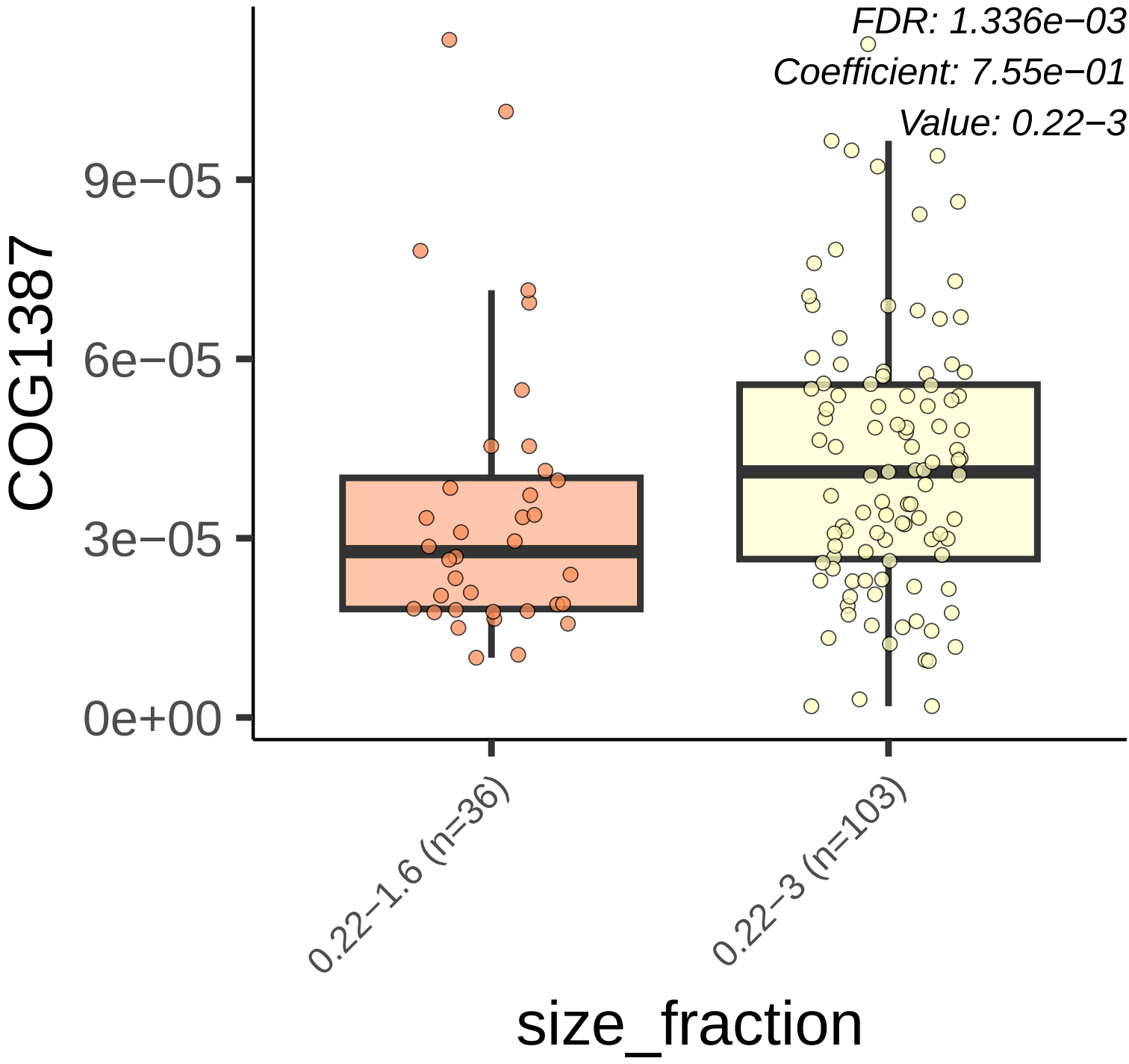

FDR: 1.029e−03
Coefficient: 1.18e+00
Value: 0.22−3
COG4242
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

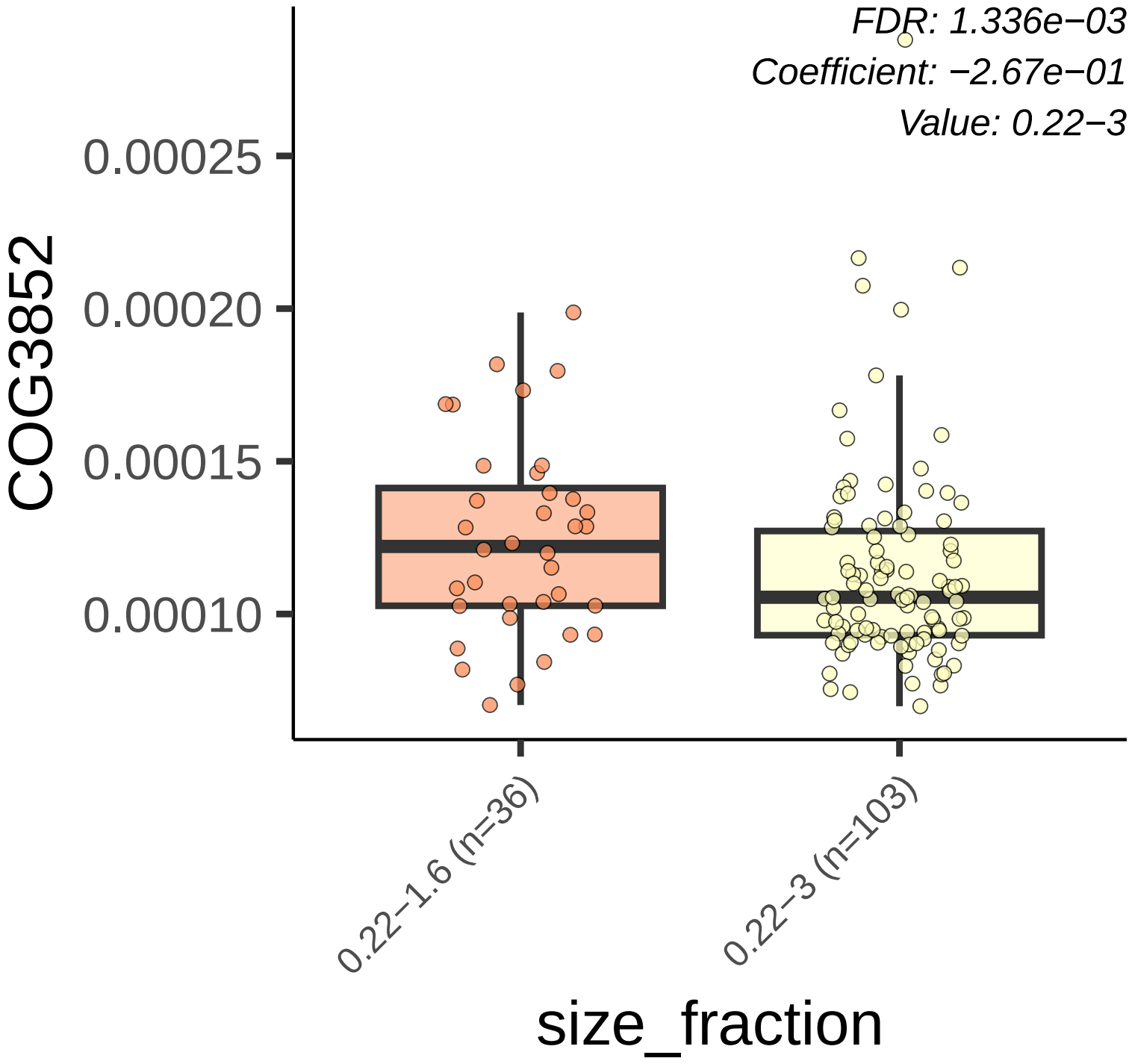

FDR: 1.128e−03
Coefficient: 3.59e+00
Value: 0.22−3
COG1900
6e−06
4e−06
2e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

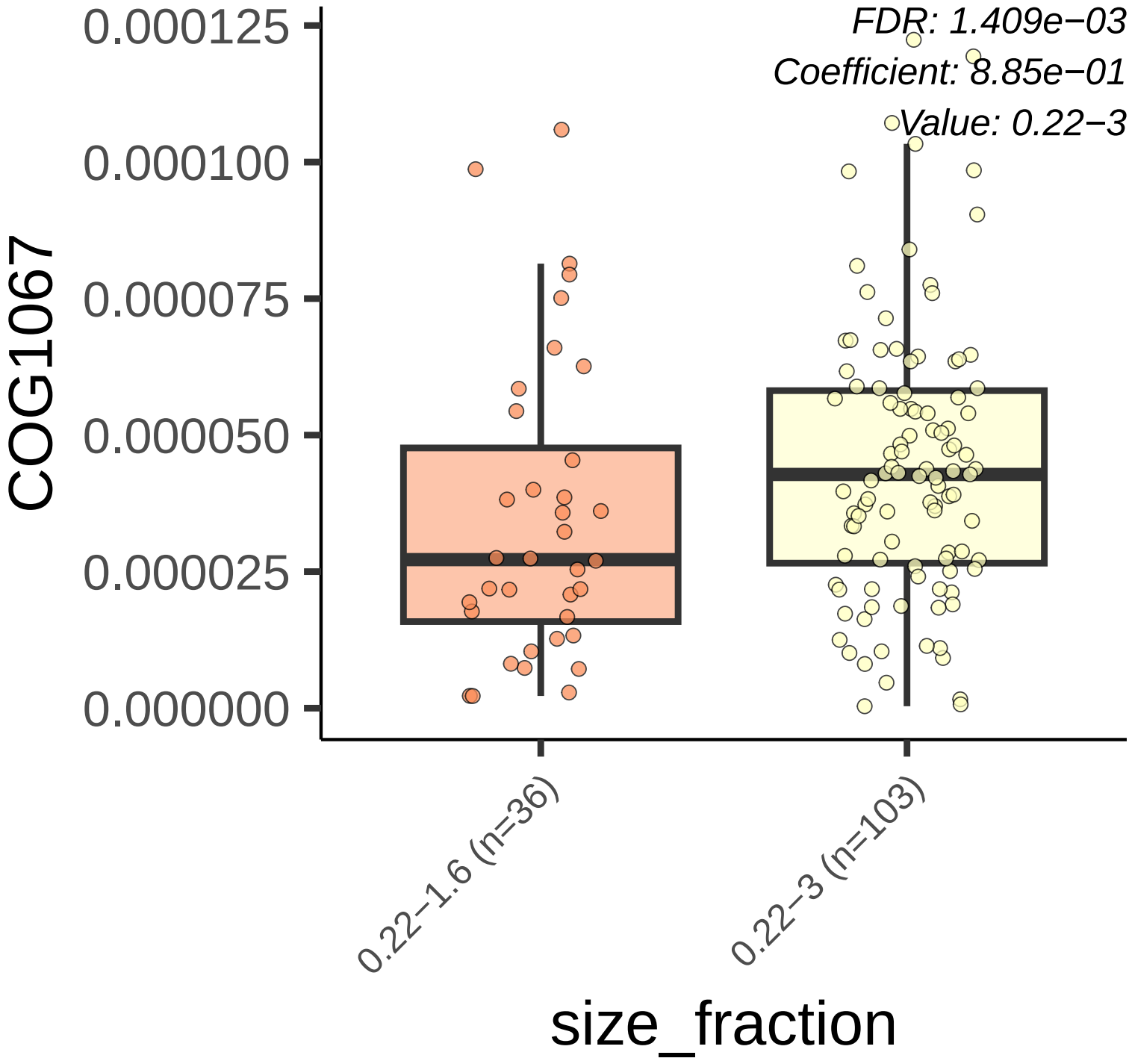

FDR: 1.164e−03
Coefficient: 1.41e+00
Value: 0.22−3
COG4898
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

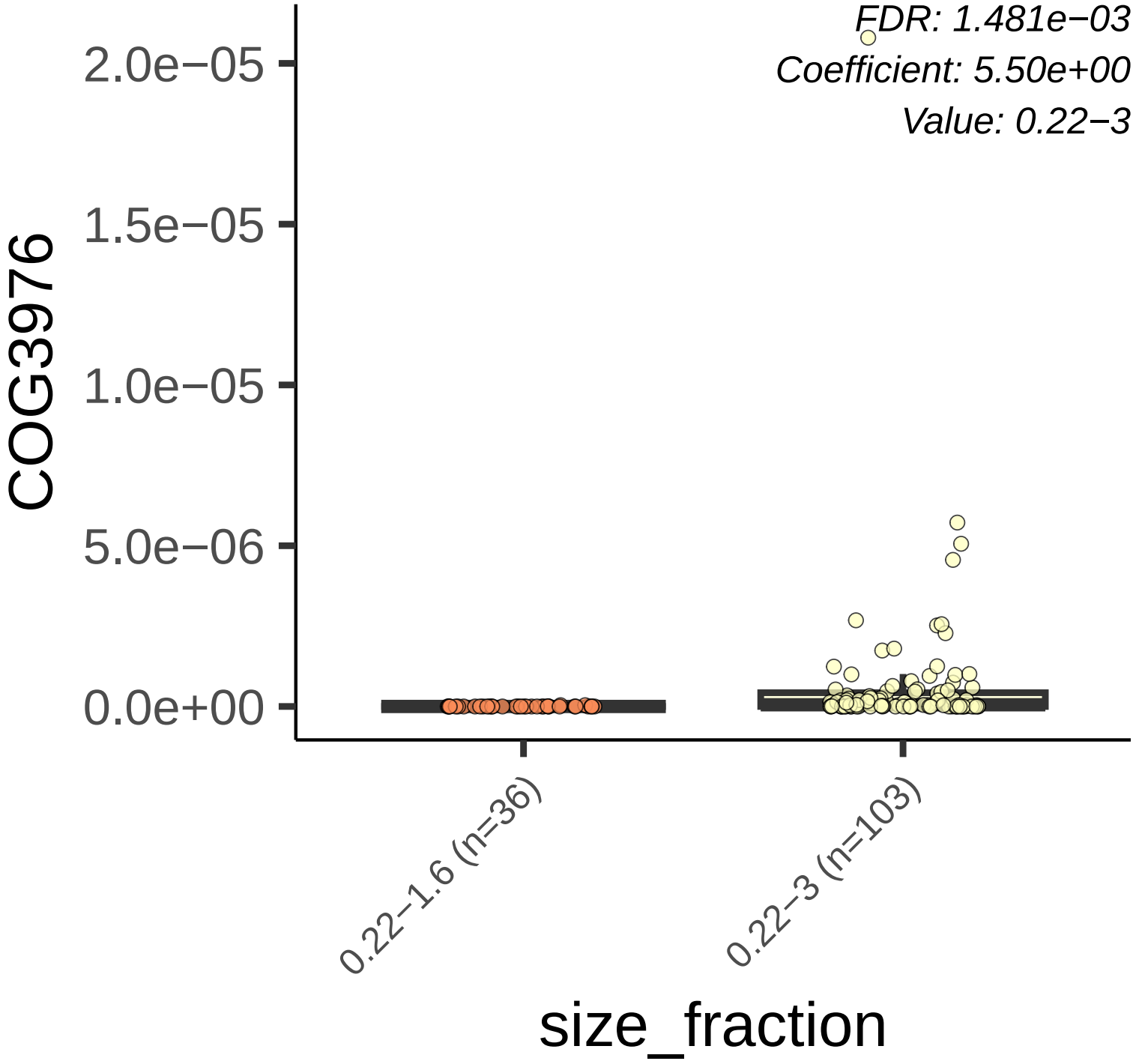

FDR: 1.179e−03
Coefficient: 8.27e−01
Value: 0.22−3
COG0798
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

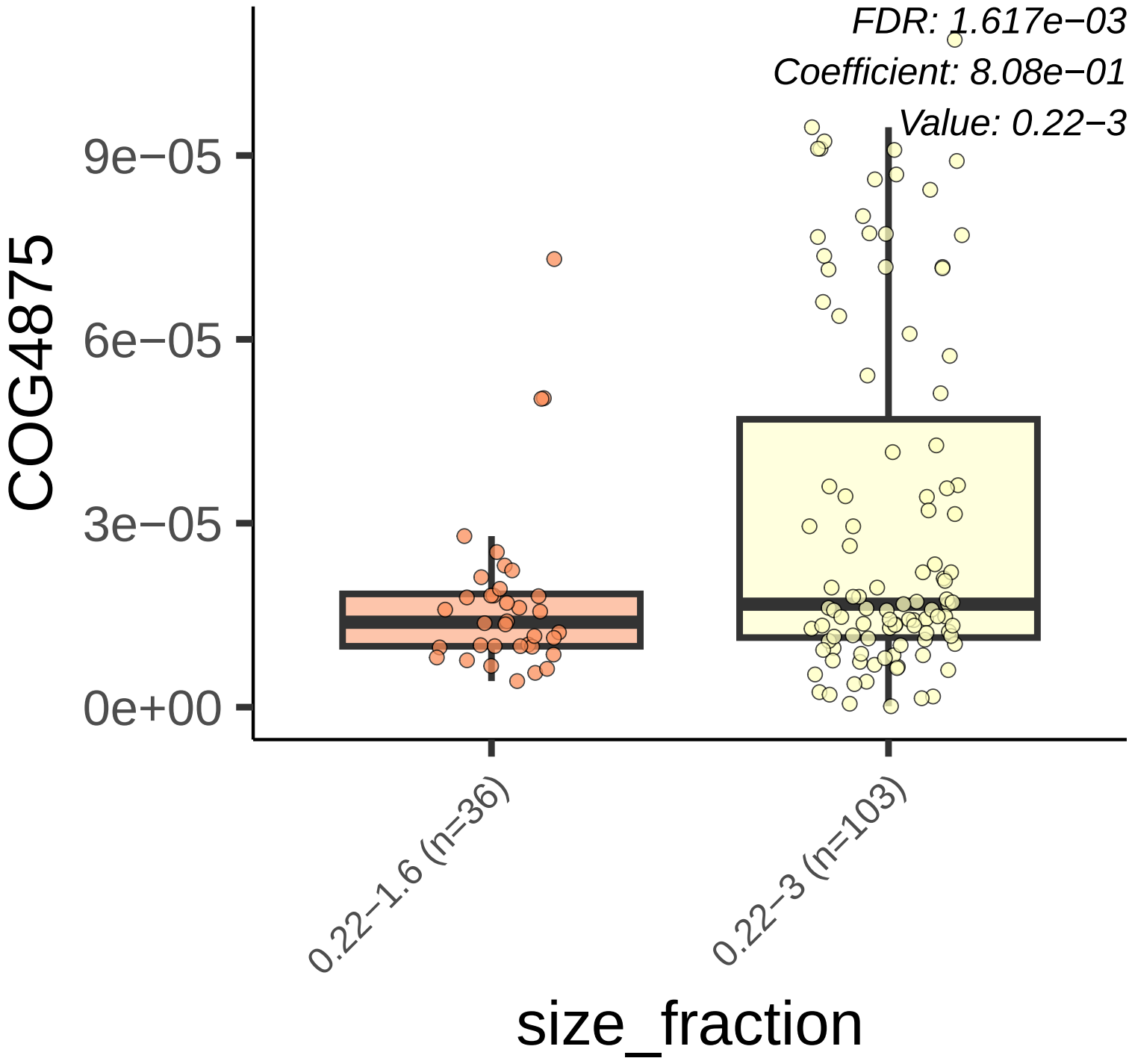

FDR: 1.332e−03
Coefficient: 5.29e−01
Value: 0.22−3
COG4276
0.00020
0.00015
0.00010
0.00005
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

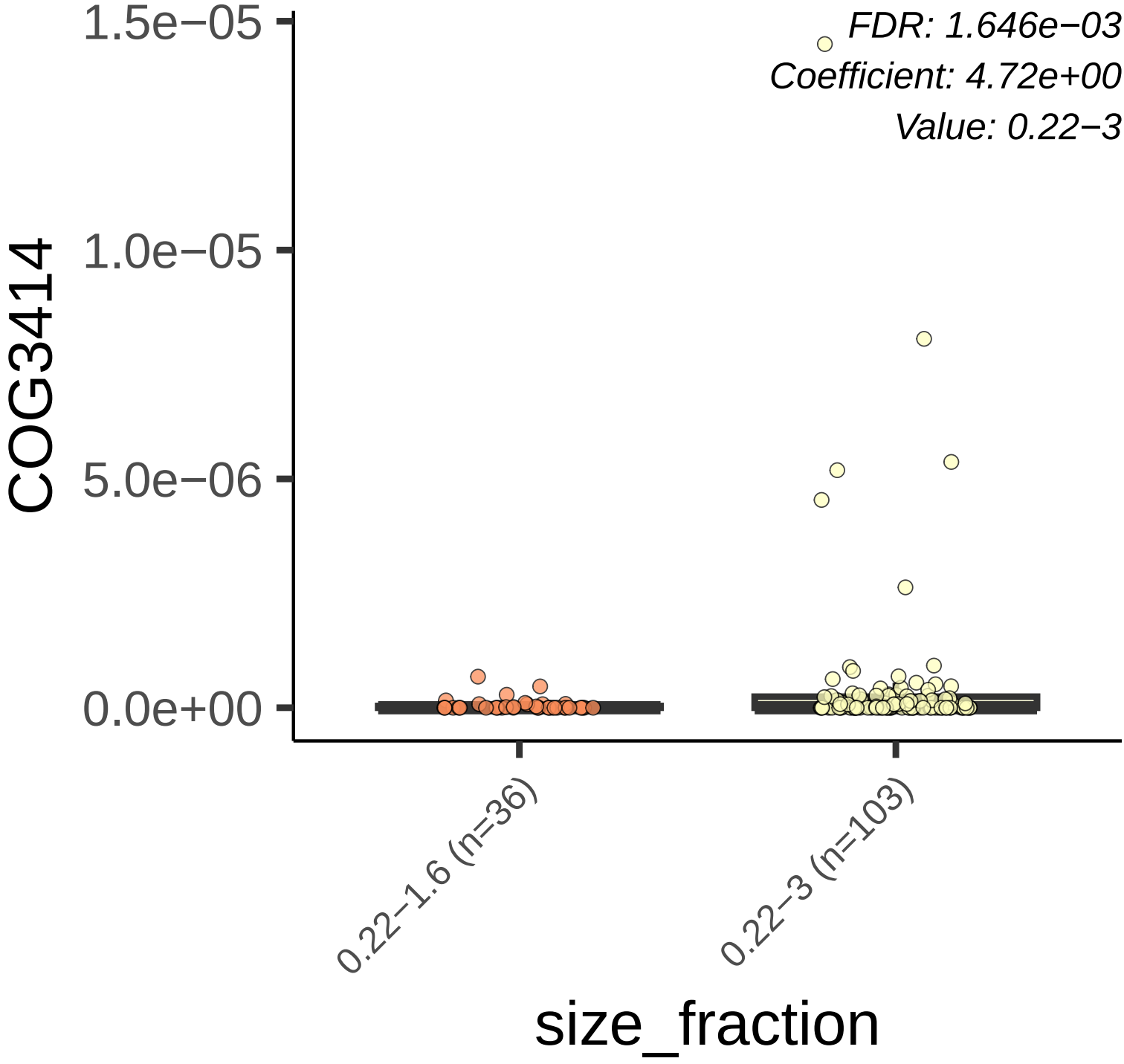

FDR: 1.336e−03
Coefficient: 7.55e−01
Value: 0.22−3
COG1387
9e−05
6e−05
3e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

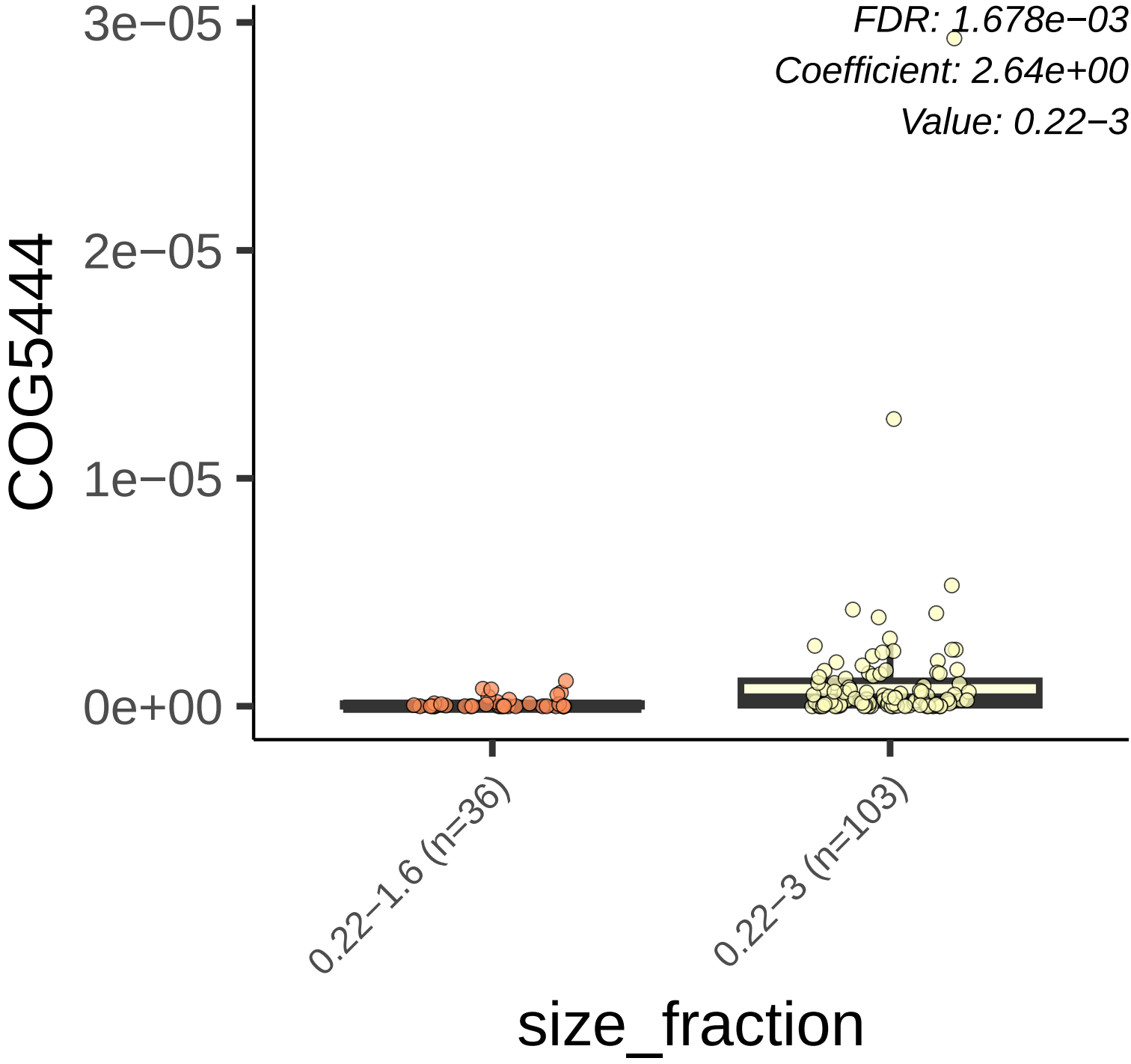

FDR: 1.336e−03
Coefficient: −2.67e−01
Value: 0.22−3
COG3852
0.00025
0.00020
0.00015
0.00010
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

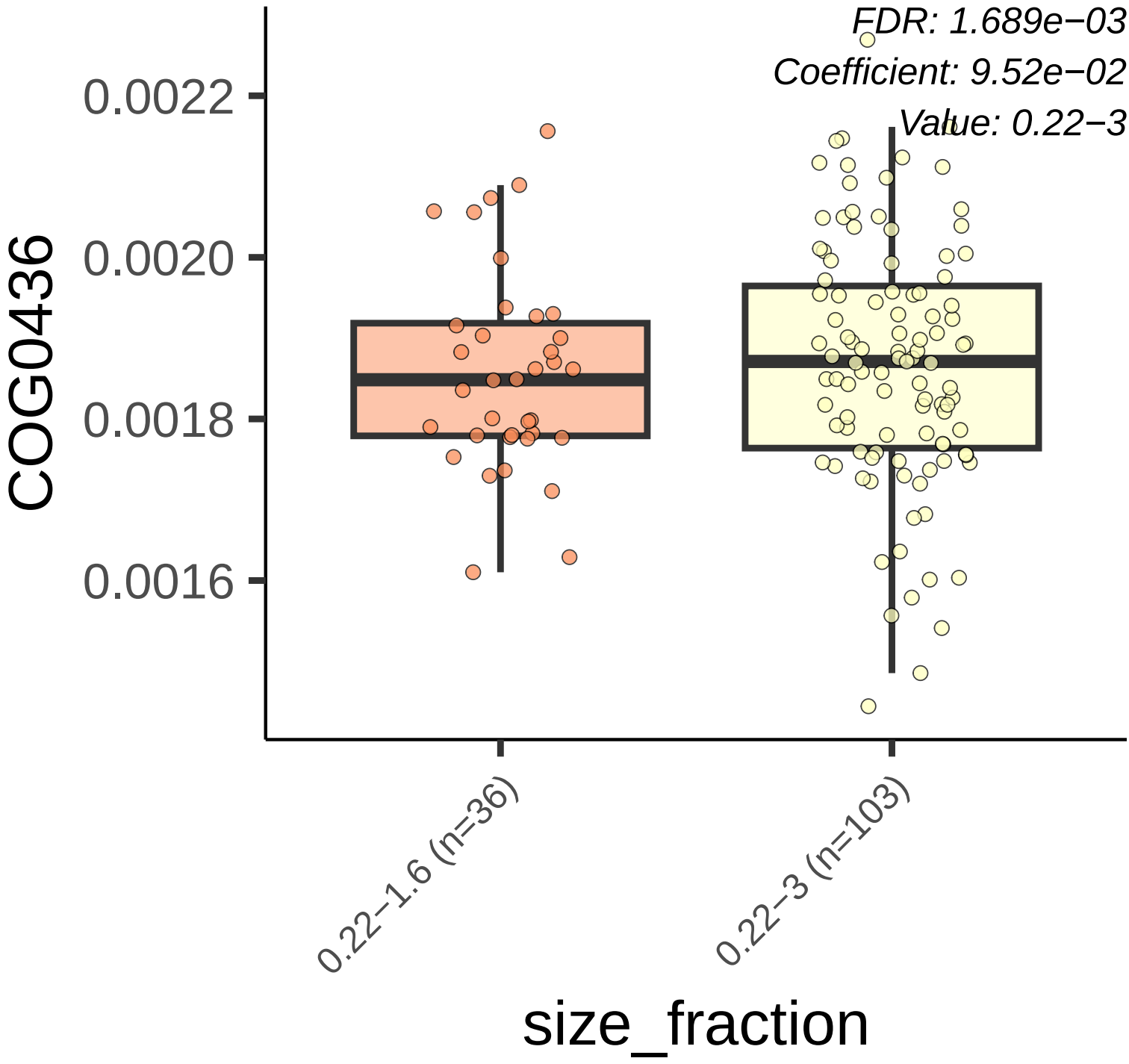

FDR: 1.409e−03
Coefficient: 8.85e−01
Value: 0.22−3
COG1067
0.000125
0.000100
0.000075
0.000050
0.000025
0.000000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 1.481e−03
Coefficient: 5.50e+00
Value: 0.22−3
COG3976
2.0e−05
1.5e−05
1.0e−05
5.0e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 1.617e−03
Coefficient: 8.08e−01
Value: 0.22−3
COG4875
9e−05
6e−05
3e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 1.646e−03
Coefficient: 4.72e+00
Value: 0.22−3
COG3414
1.5e−05
1.0e−05
5.0e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 1.678e−03
Coefficient: 2.64e+00
Value: 0.22−3
COG5444
3e−05
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 1.689e−03
Coefficient: 9.52e−02
Value: 0.22−3
COG0436
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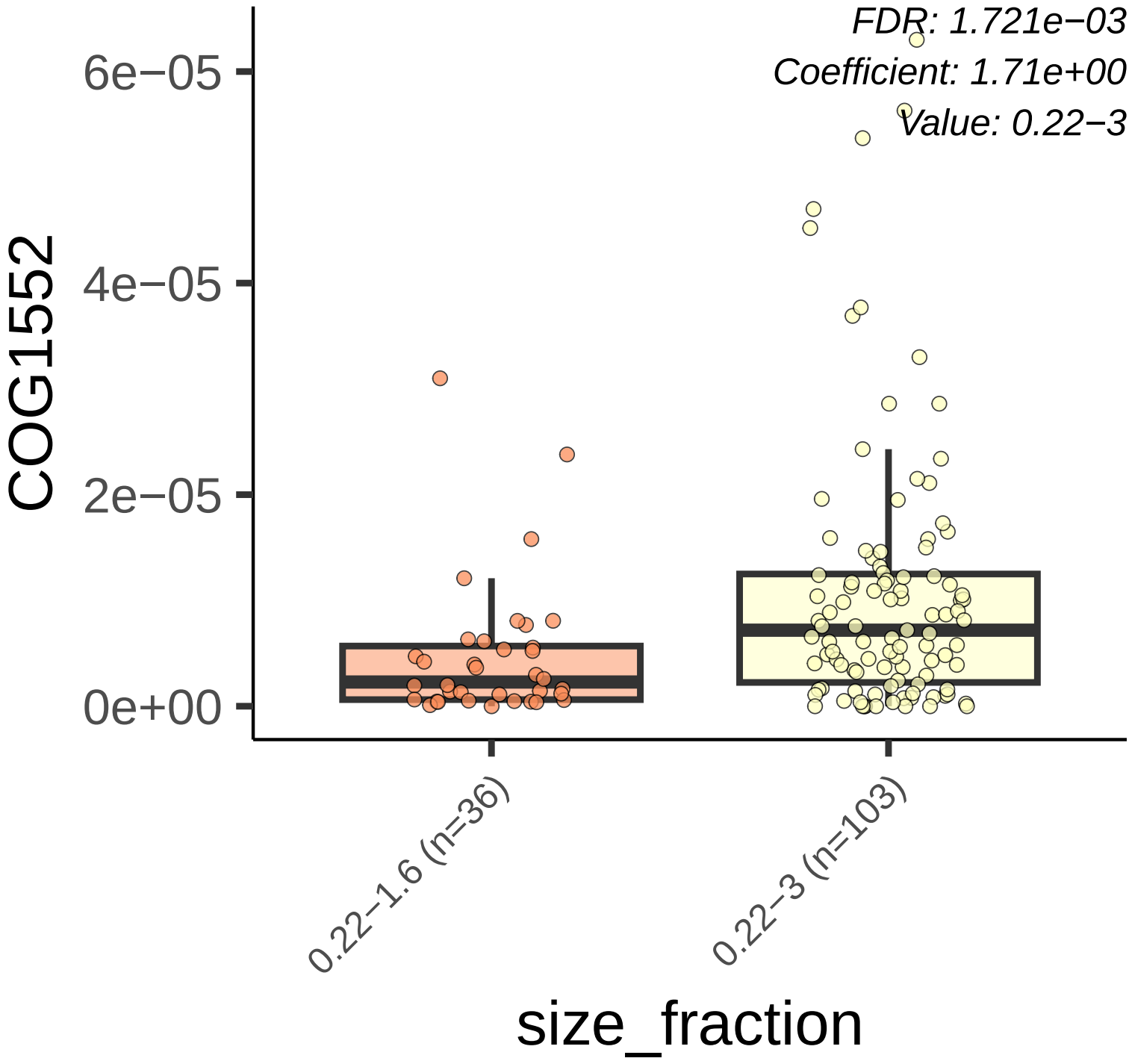
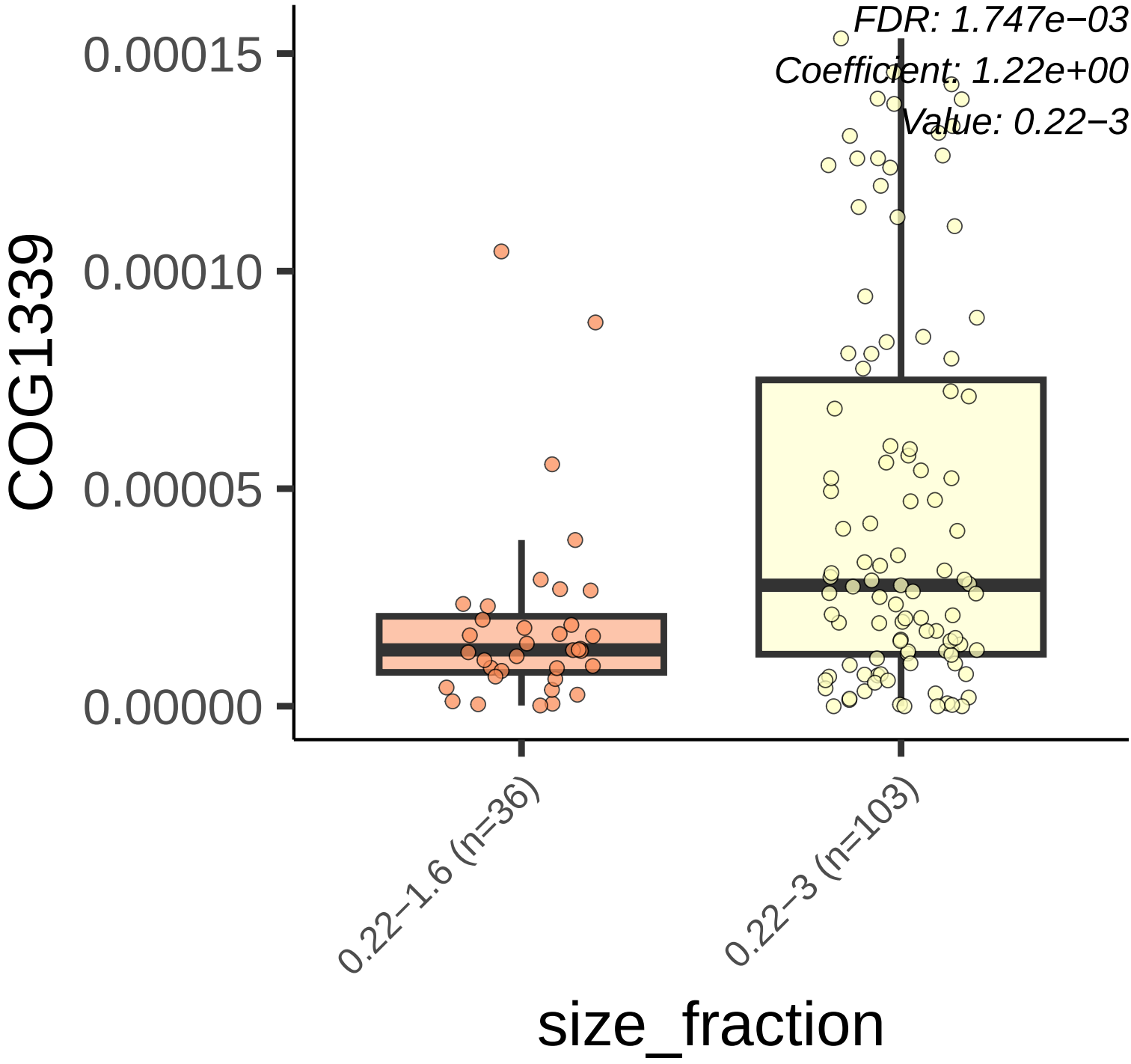
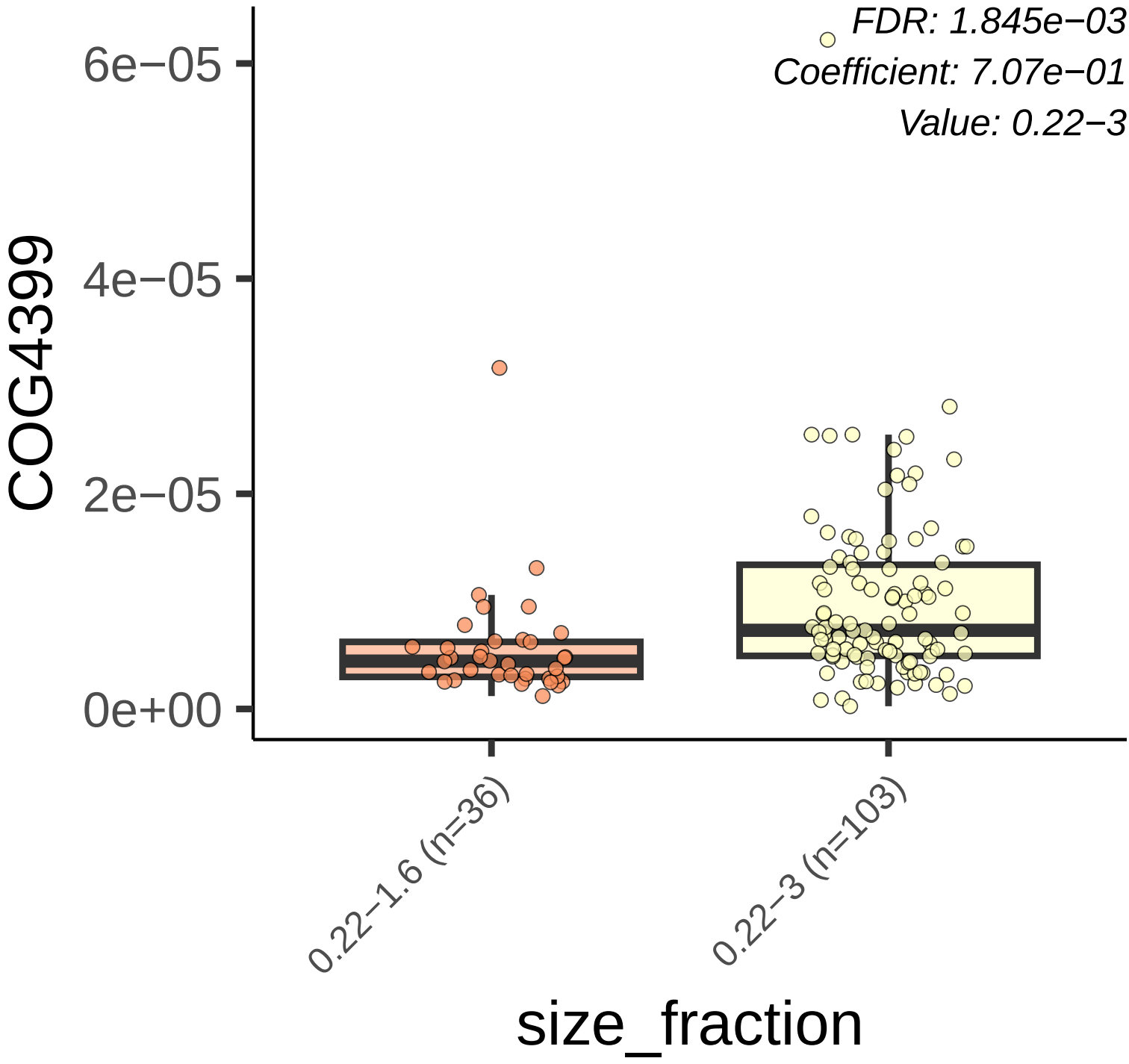
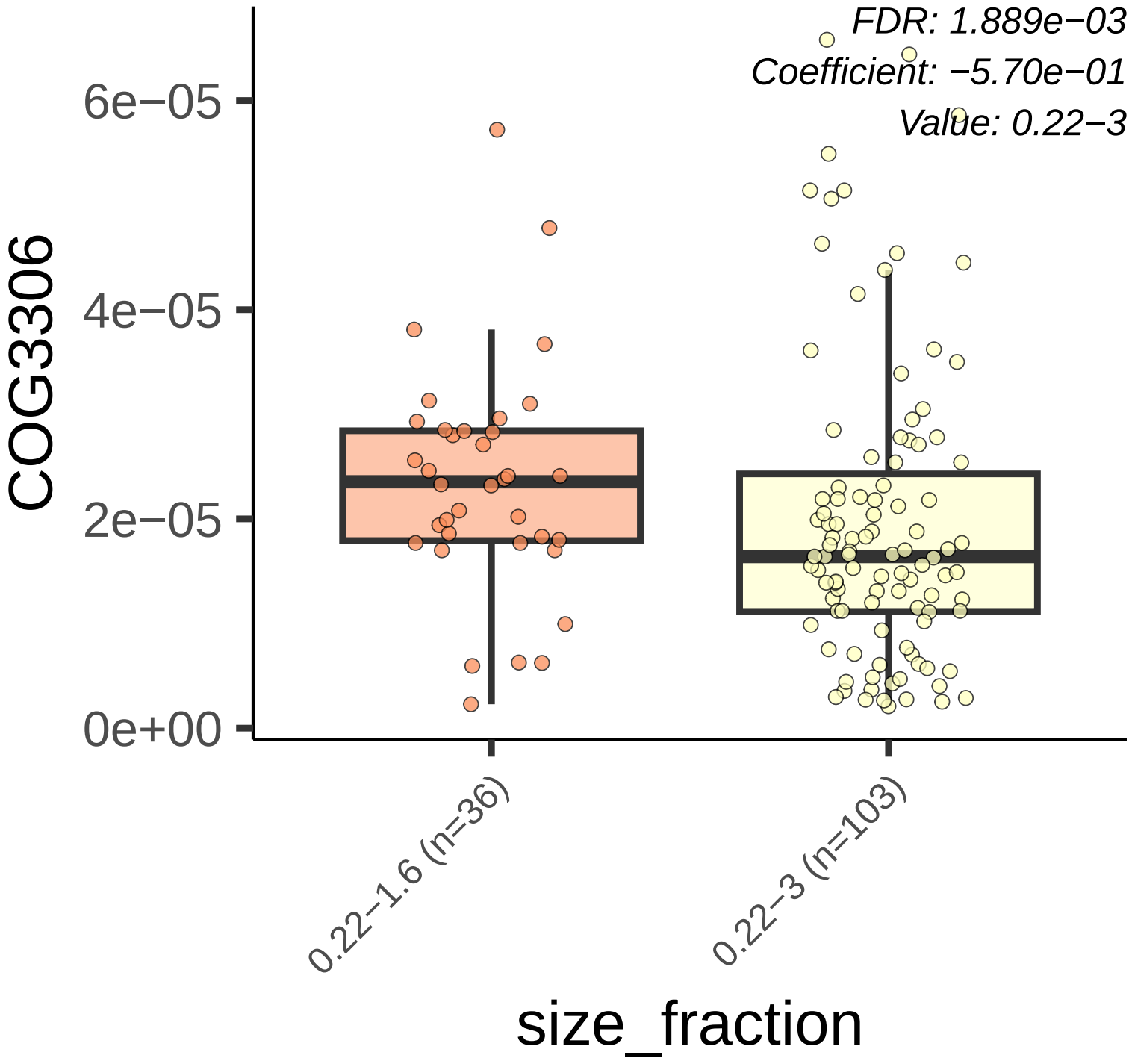
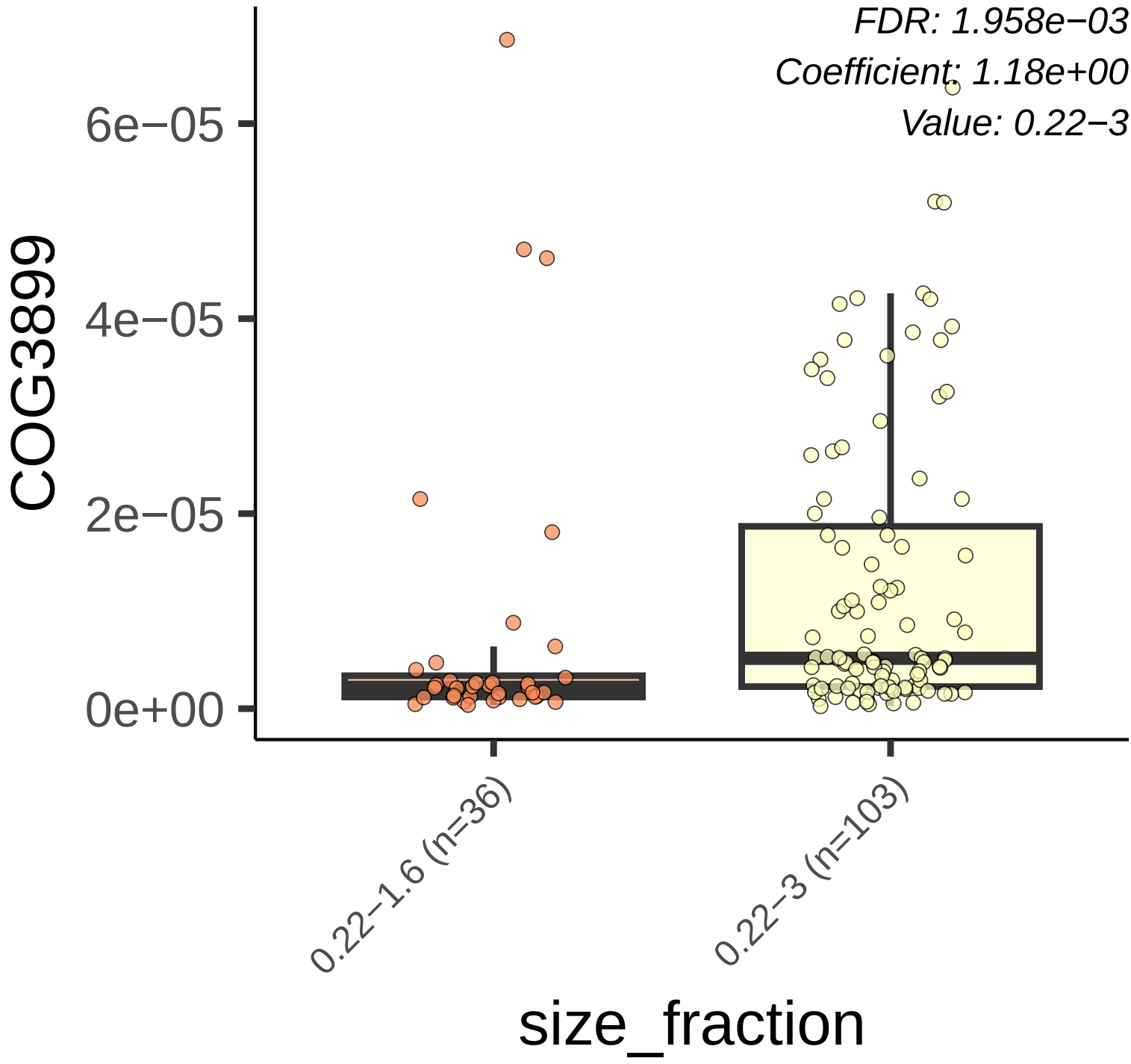
0.0020
0.0018
0.0016
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

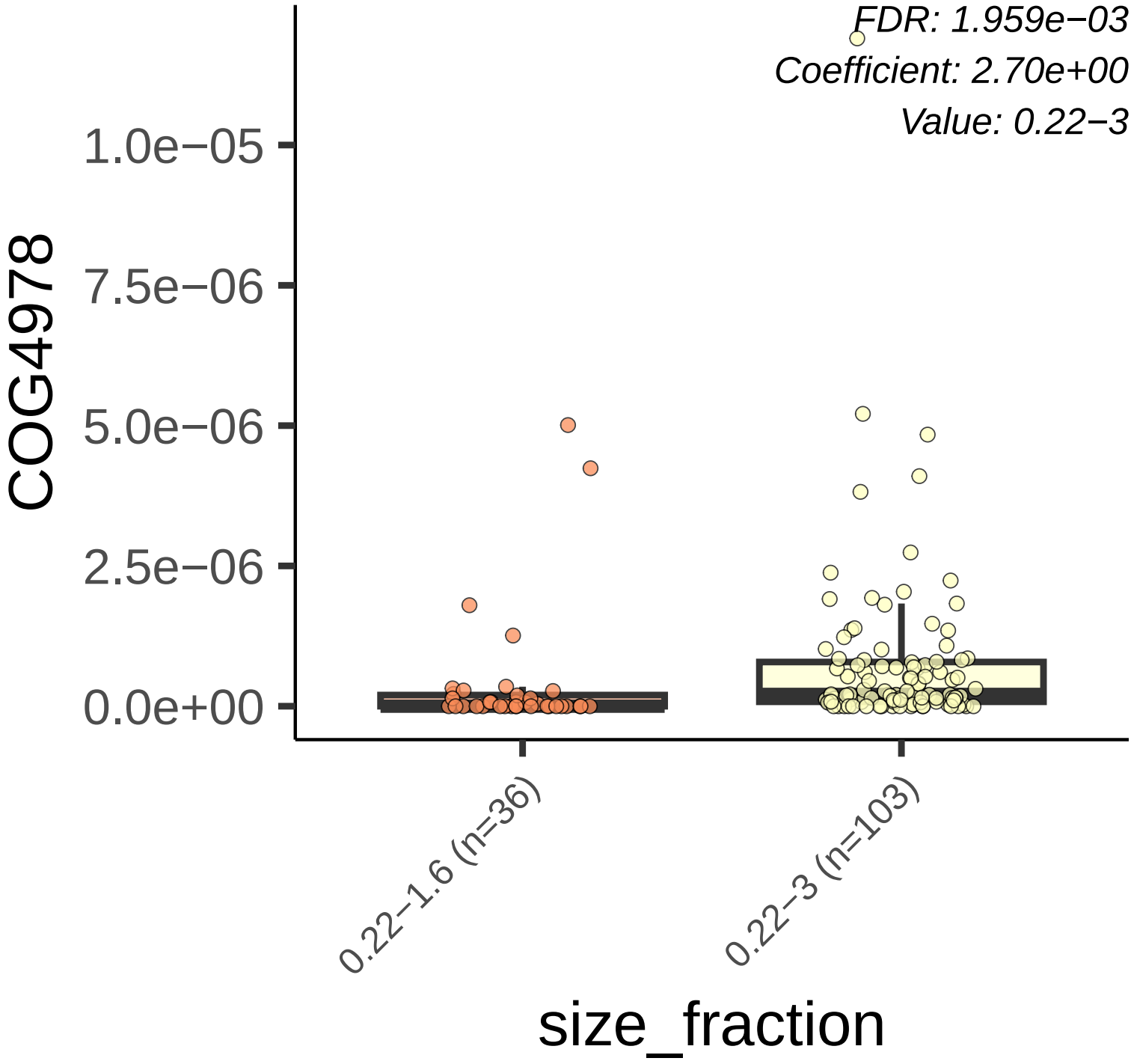

FDR: 1.721e−03
Coefficient: 1.71e+00
Value: 0.22−3
COG1552
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

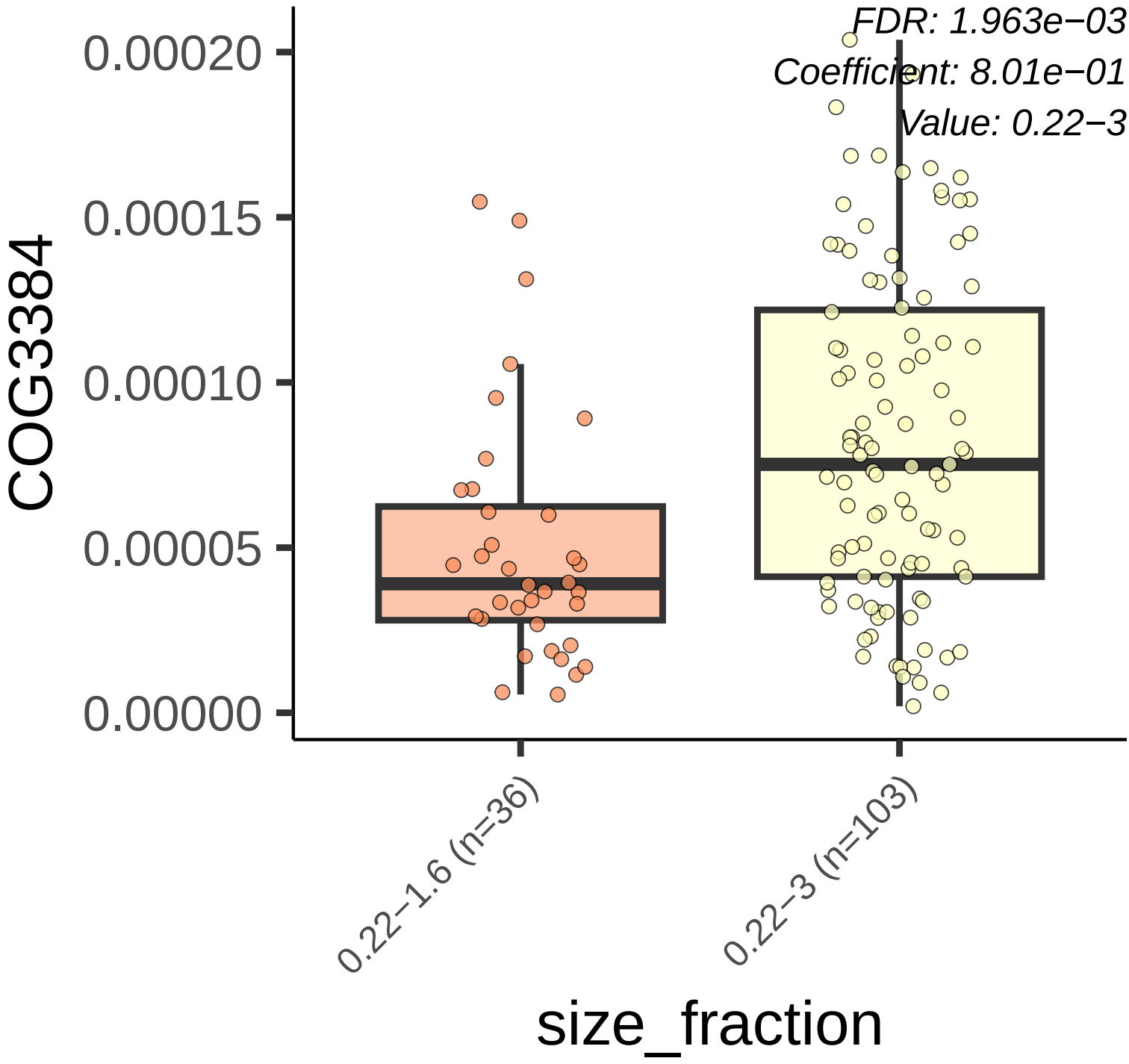

FDR: 1.747e−03
Coefficient: 1.22e+00
Value: 0.22−3
COG1339
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

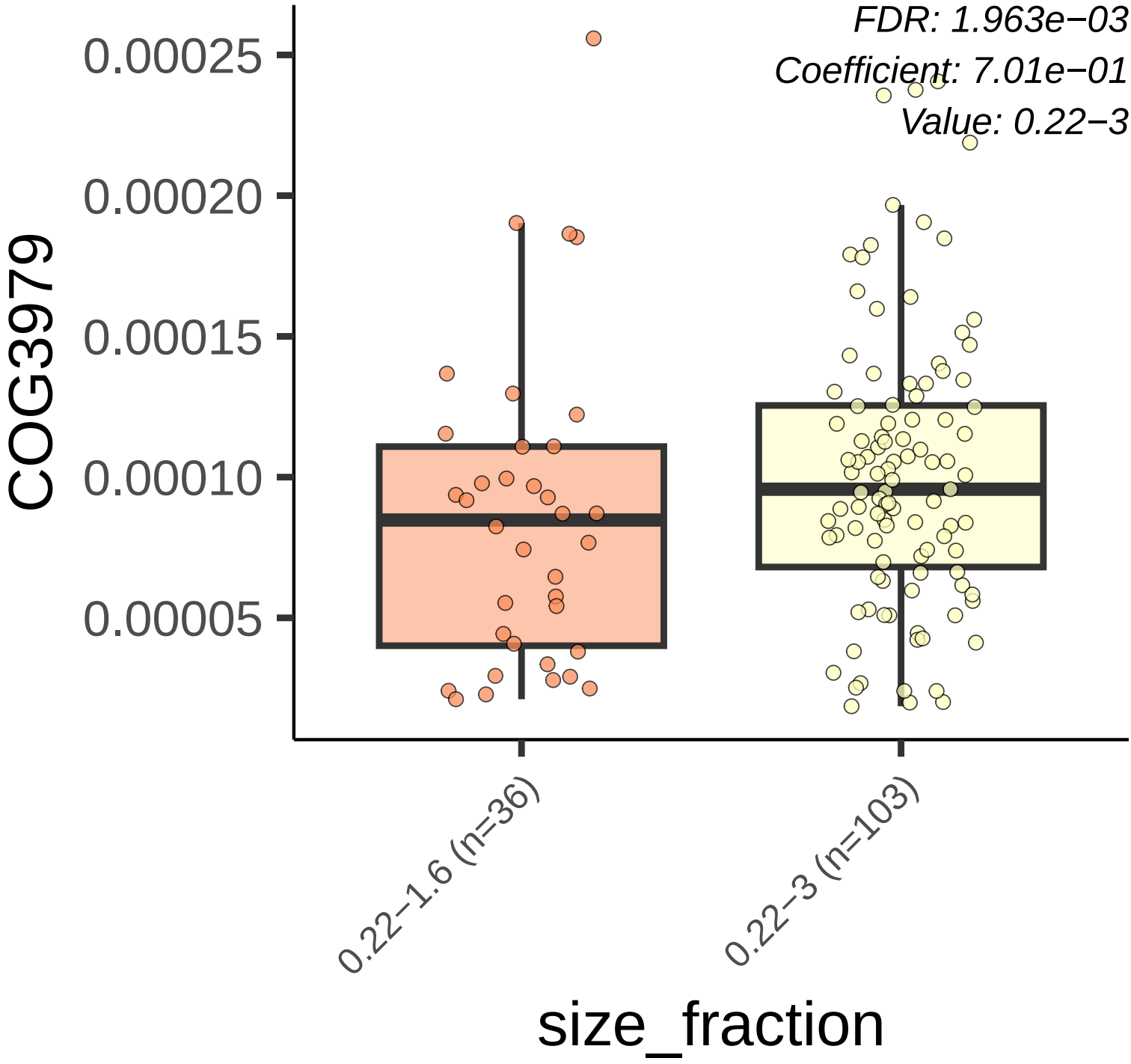

FDR: 1.845e−03
Coefficient: 7.07e−01
Value: 0.22−3
COG4399
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 1.889e−03
Coefficient: −5.70e−01
Value: 0.22−3
COG3306
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 1.958e−03
Coefficient: 1.18e+00
Value: 0.22−3
COG3899
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 1.959e−03
Coefficient: 2.70e+00
Value: 0.22−3
COG4978
1.0e−05
7.5e−06
5.0e−06
2.5e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 1.963e−03
Coefficient: 8.01e−01
Value: 0.22−3
COG3384
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 1.963e−03
Coefficient: 7.01e−01
Value: 0.22−3
COG3979
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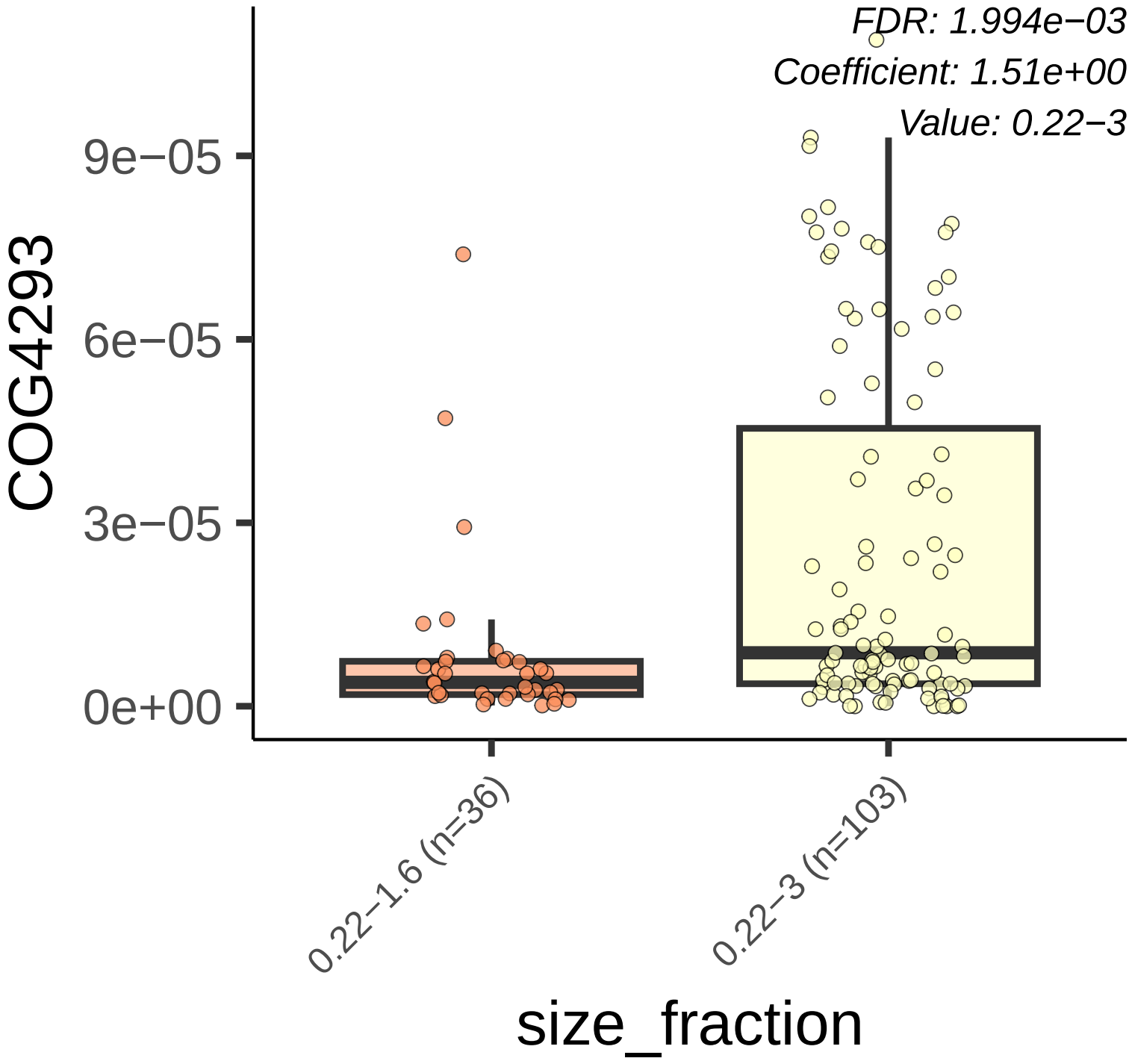
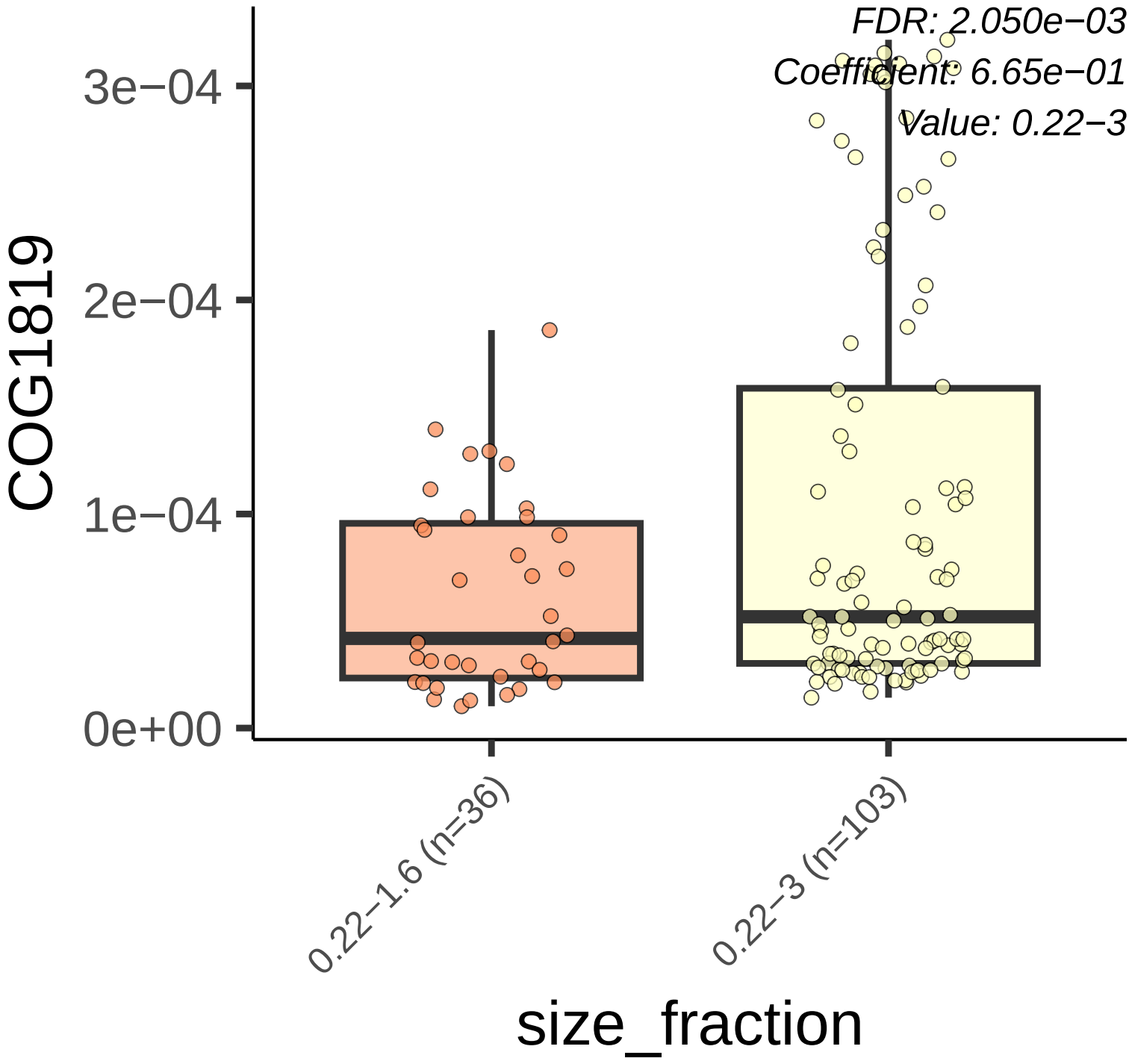
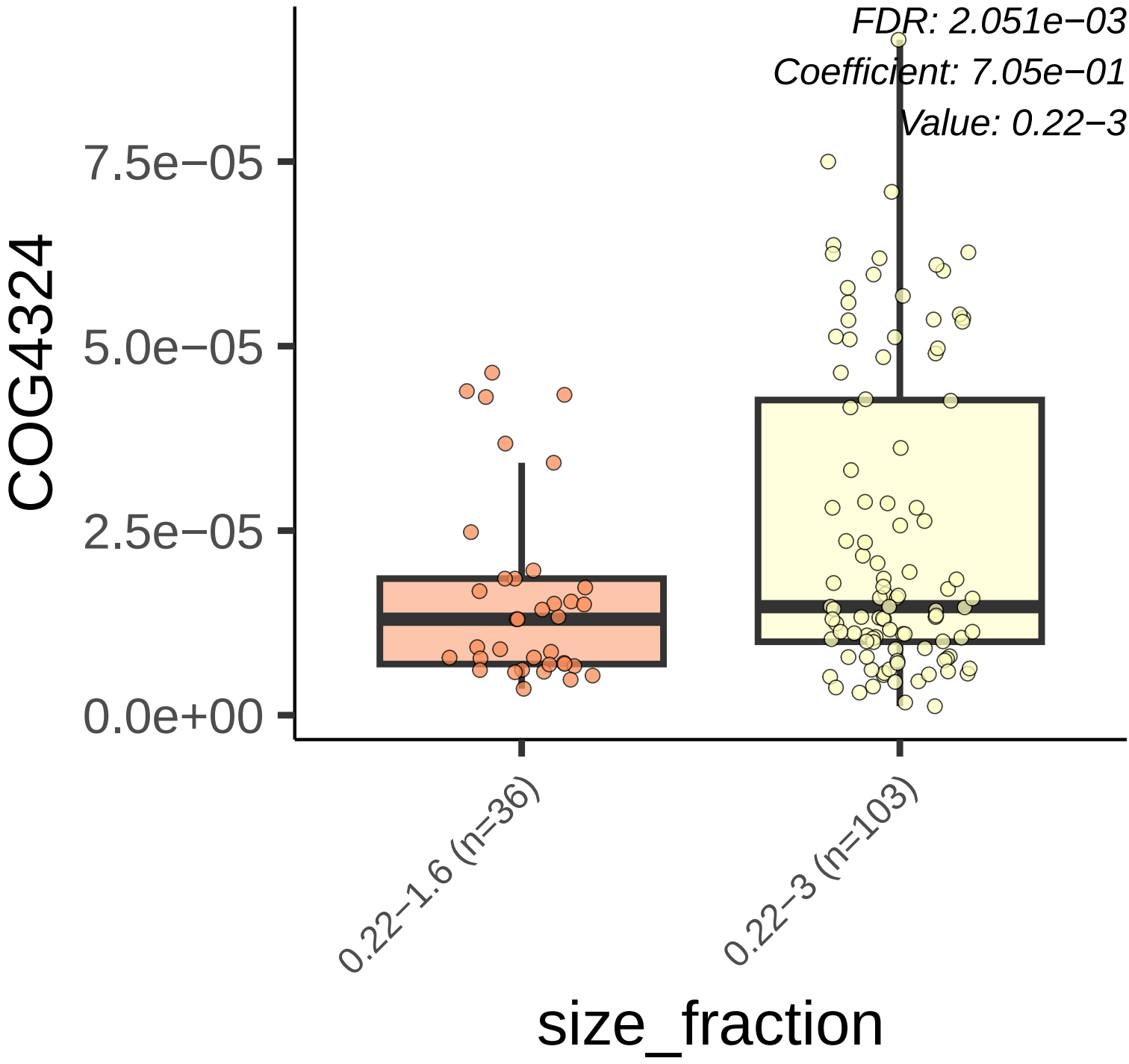
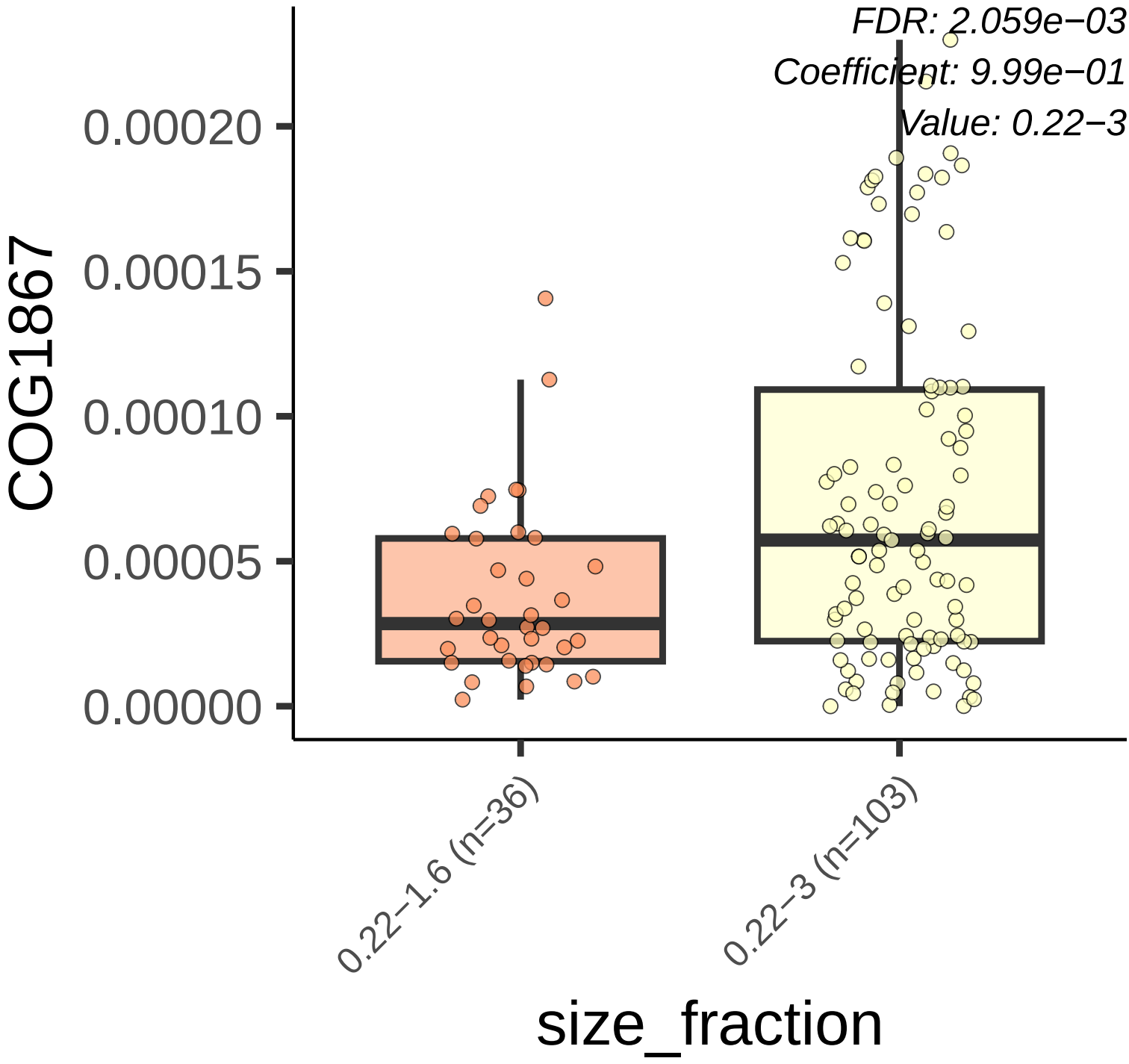
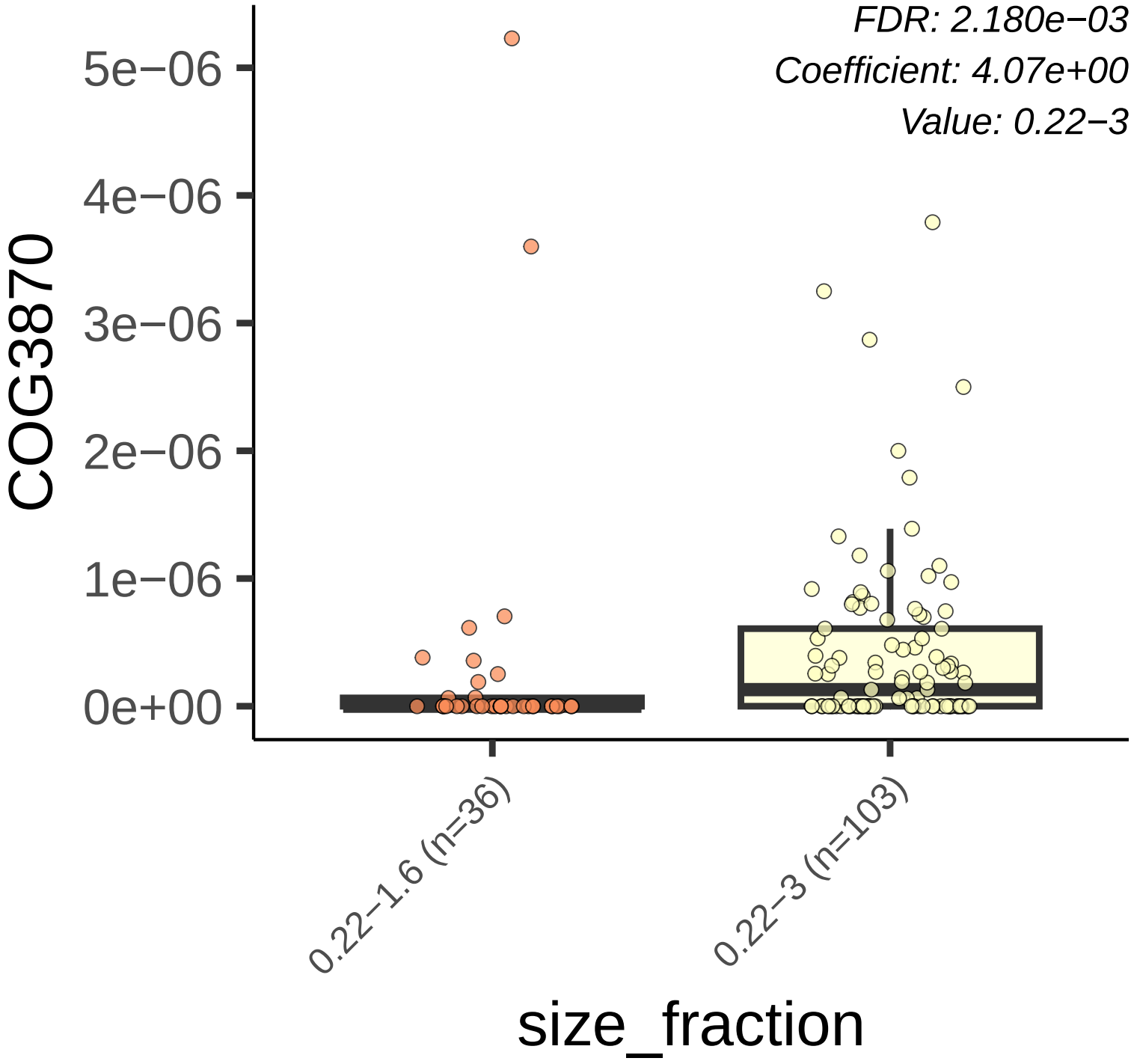
0.00020
0.00015
0.00010
0.00005
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

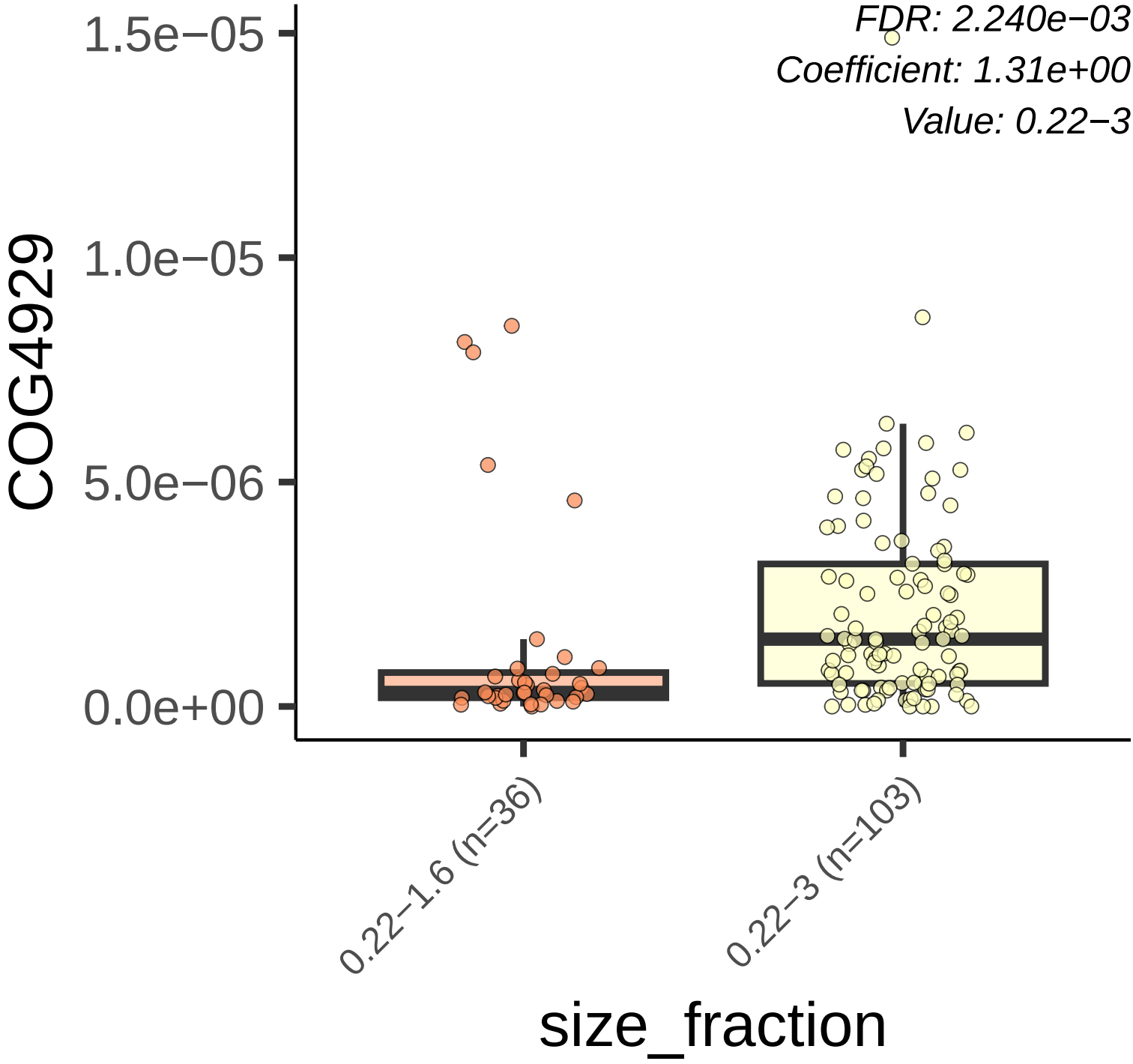

FDR: 1.994e−03
Coefficient: 1.51e+00
Value: 0.22−3
COG4293
9e−05
6e−05
3e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

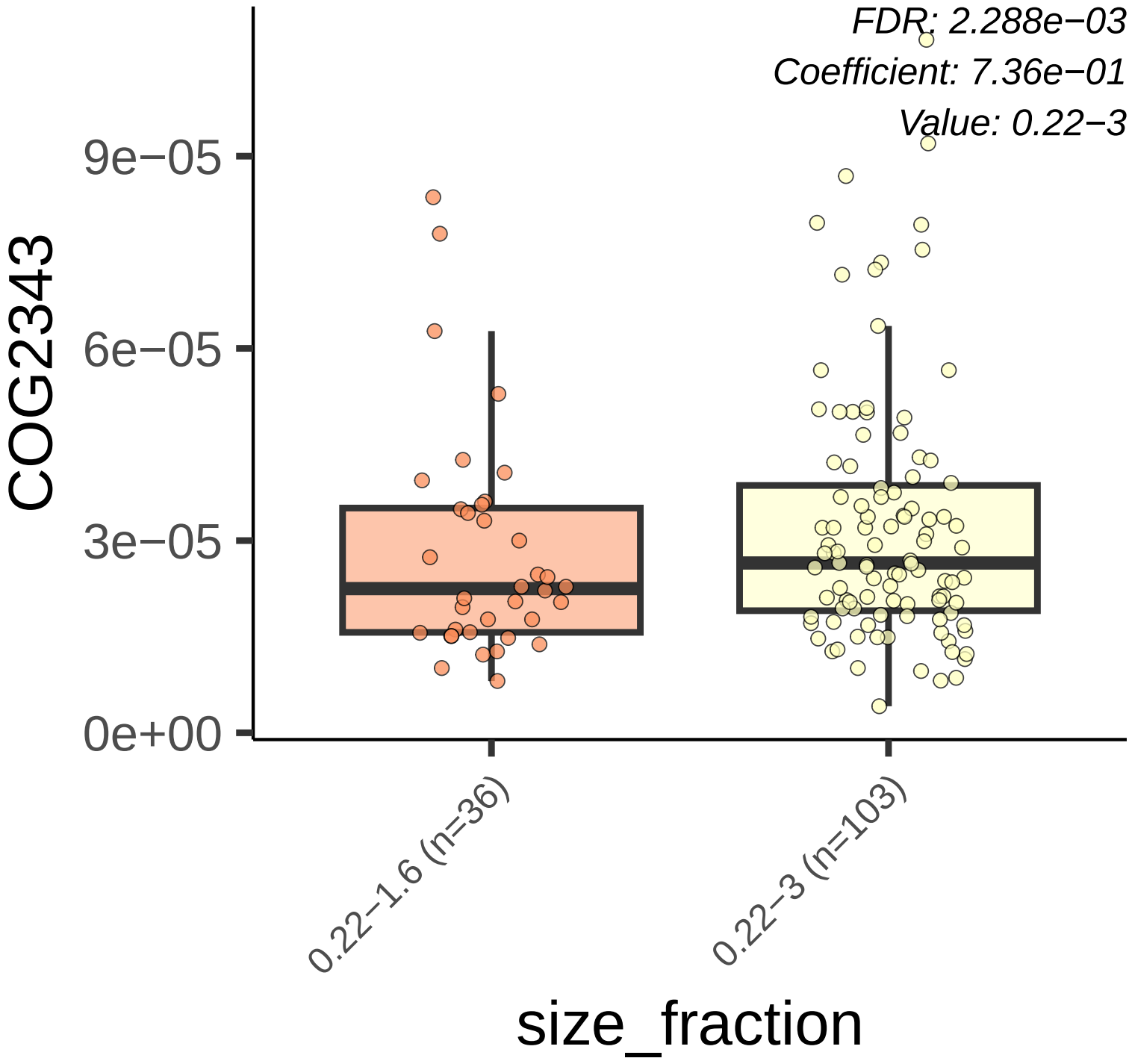

FDR: 2.050e−03
Coefficient: 6.65e−01
Value: 0.22−3
COG1819
3e−04
2e−04
1e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

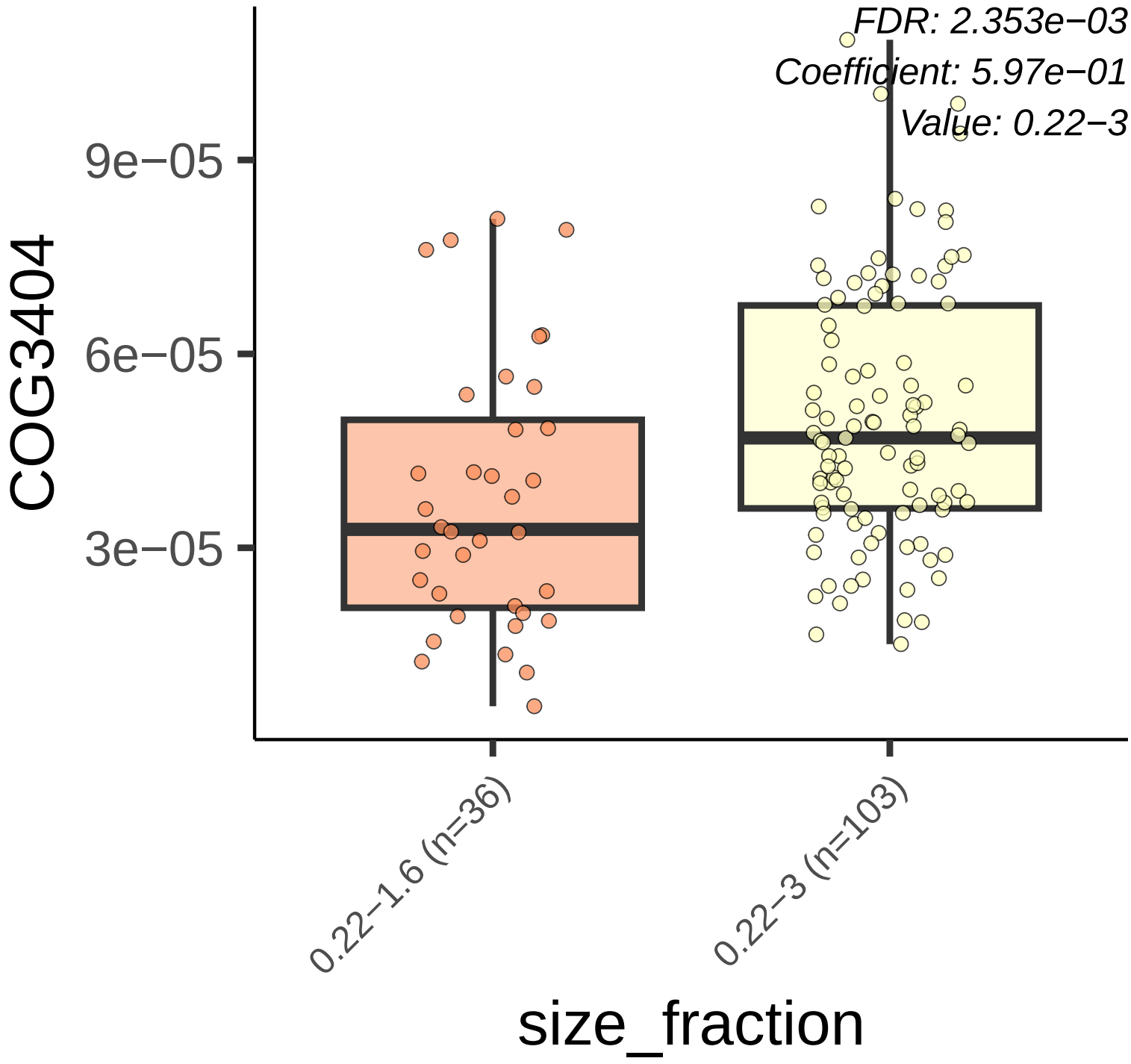

FDR: 2.051e−03
Coefficient: 7.05e−01
Value: 0.22−3
COG4324
7.5e−05
5.0e−05
2.5e−05
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

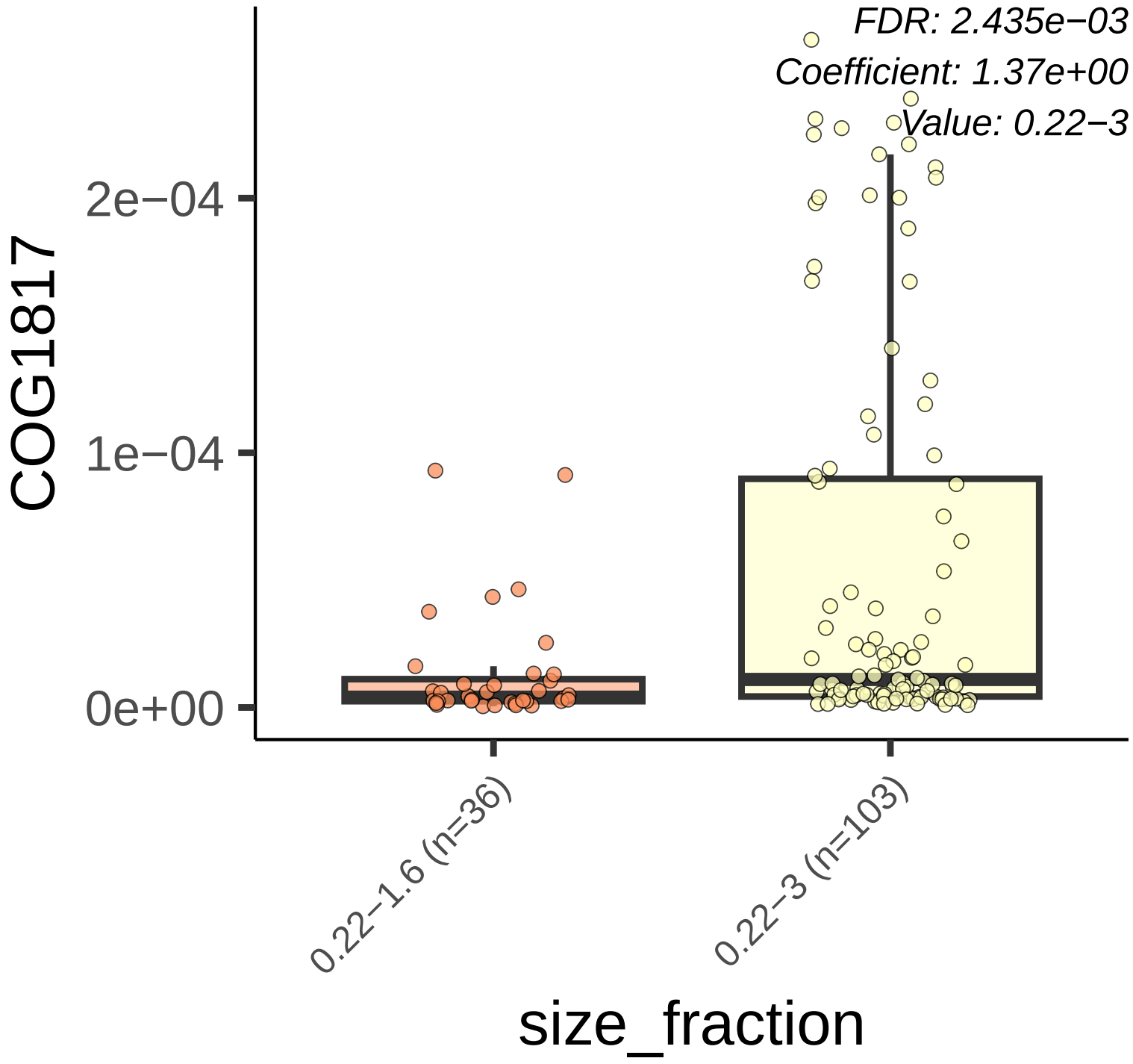

FDR: 2.059e−03
Coefficient: 9.99e−01
Value: 0.22−3
COG1867
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

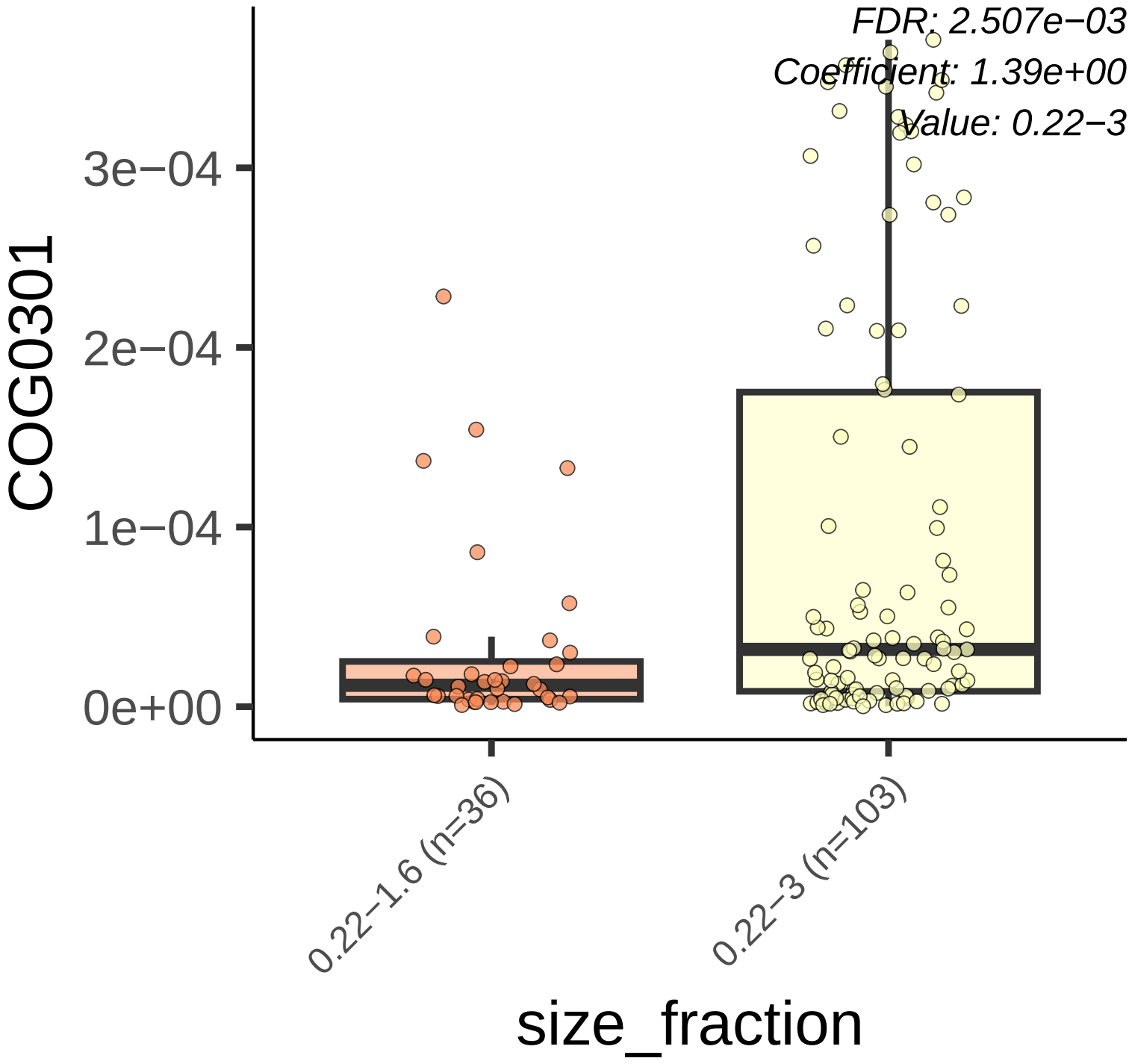

FDR: 2.180e−03
Coefficient: 4.07e+00
Value: 0.22−3
COG3870
5e−06
4e−06
3e−06
2e−06
1e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

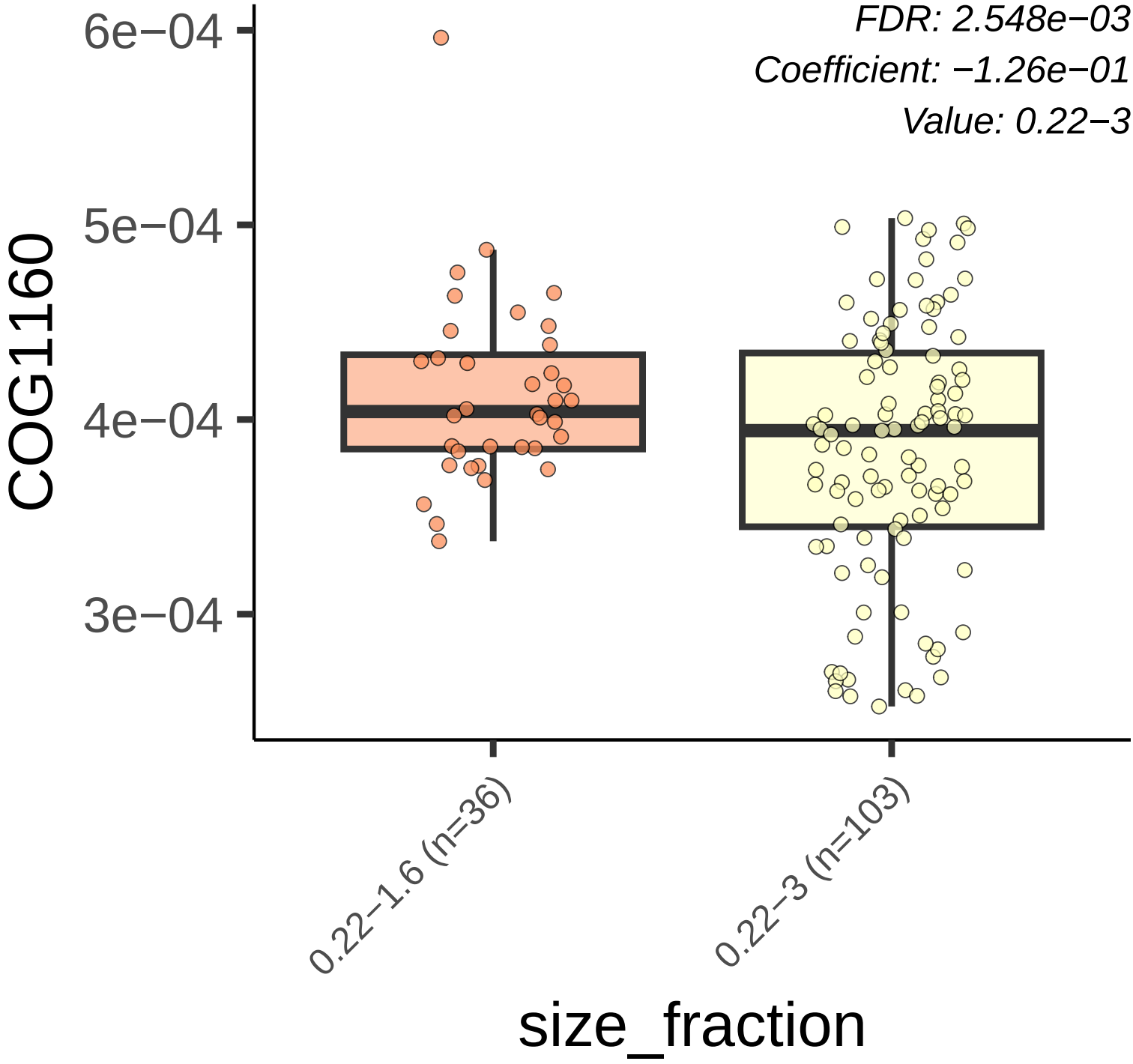

FDR: 2.240e−03
Coefficient: 1.31e+00
Value: 0.22−3
COG4929
1.5e−05
1.0e−05
5.0e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

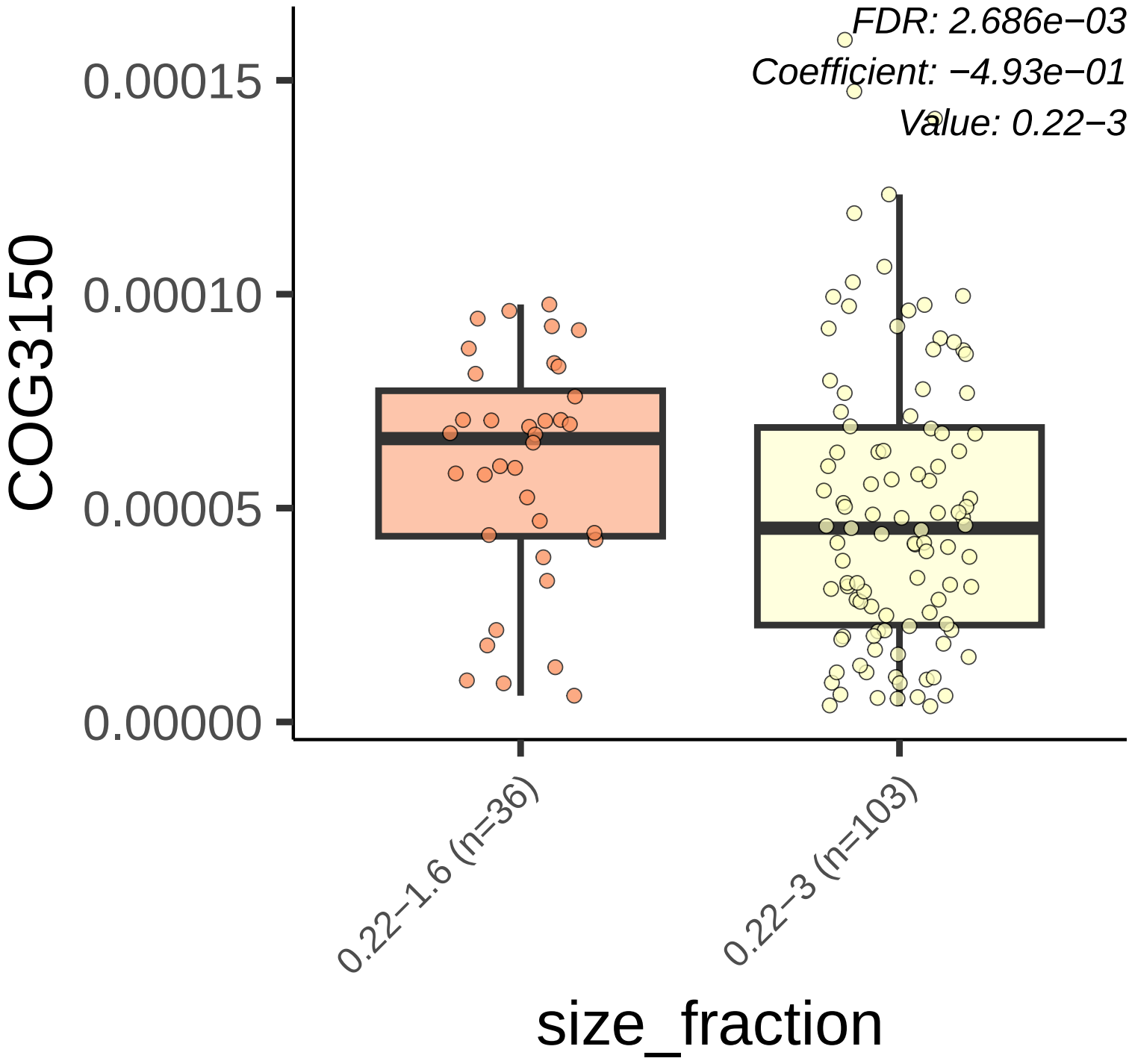

FDR: 2.288e−03
Coefficient: 7.36e−01
Value: 0.22−3
COG2343
9e−05
6e−05
3e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

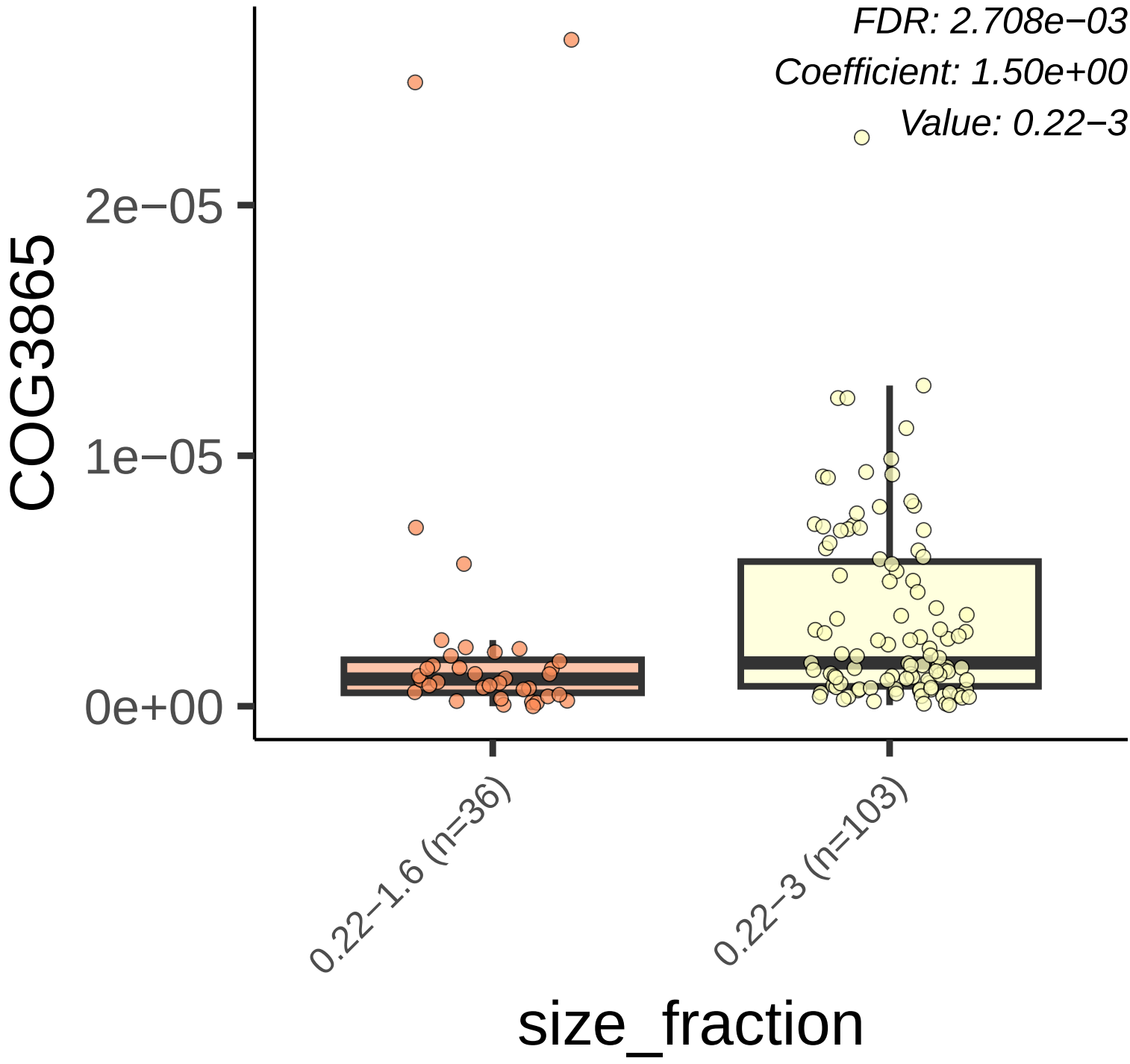

FDR: 2.353e−03
Coefficient: 5.97e−01
Value: 0.22−3
COG3404
9e−05
6e−05
3e−05
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

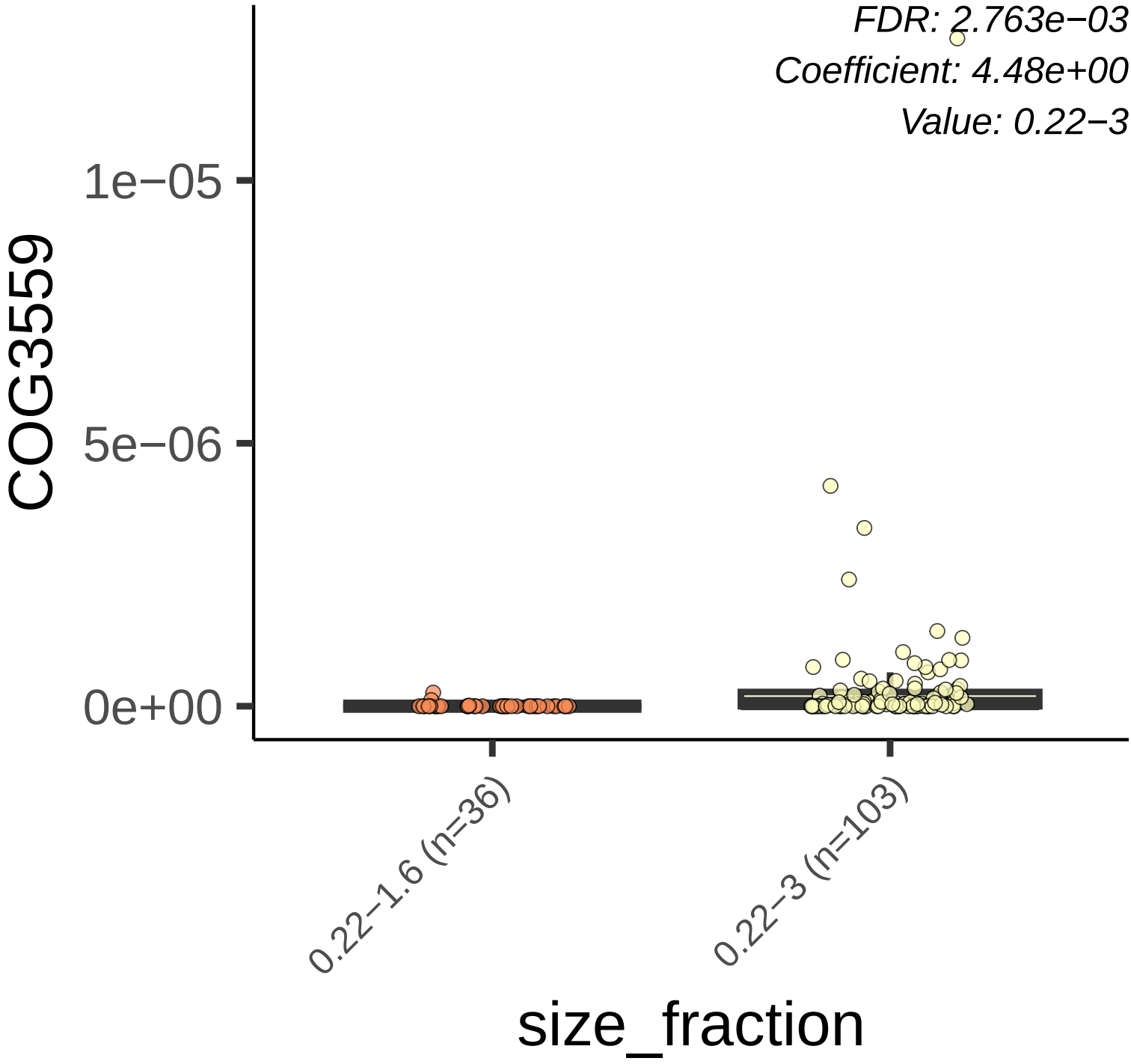

FDR: 2.435e−03
Coefficient: 1.37e+00
Value: 0.22−3
COG1817
2e−04
1e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

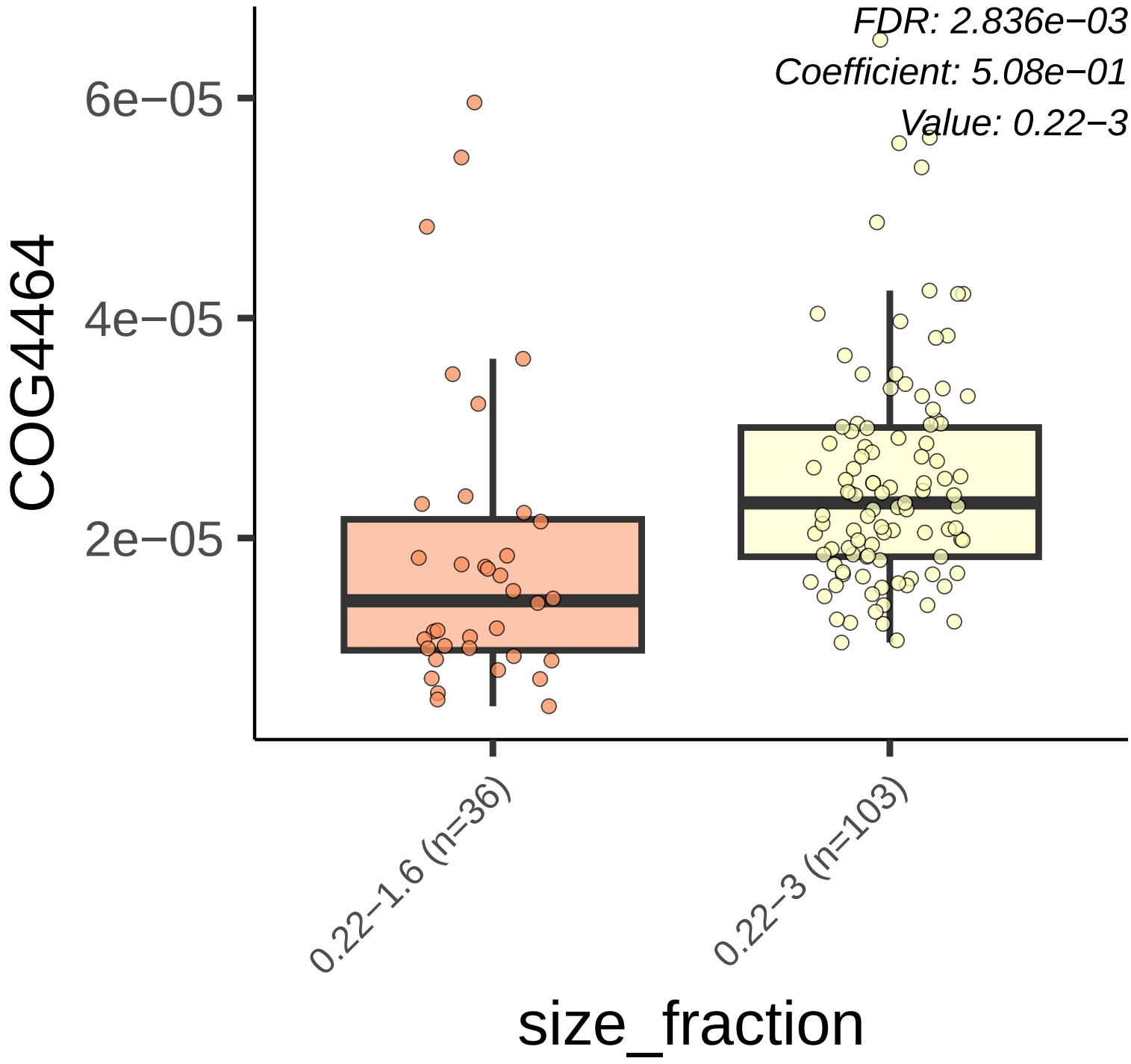

FDR: 2.507e−03
Coefficient: 1.39e+00
Value: 0.22−3
COG0301
3e−04
2e−04
1e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

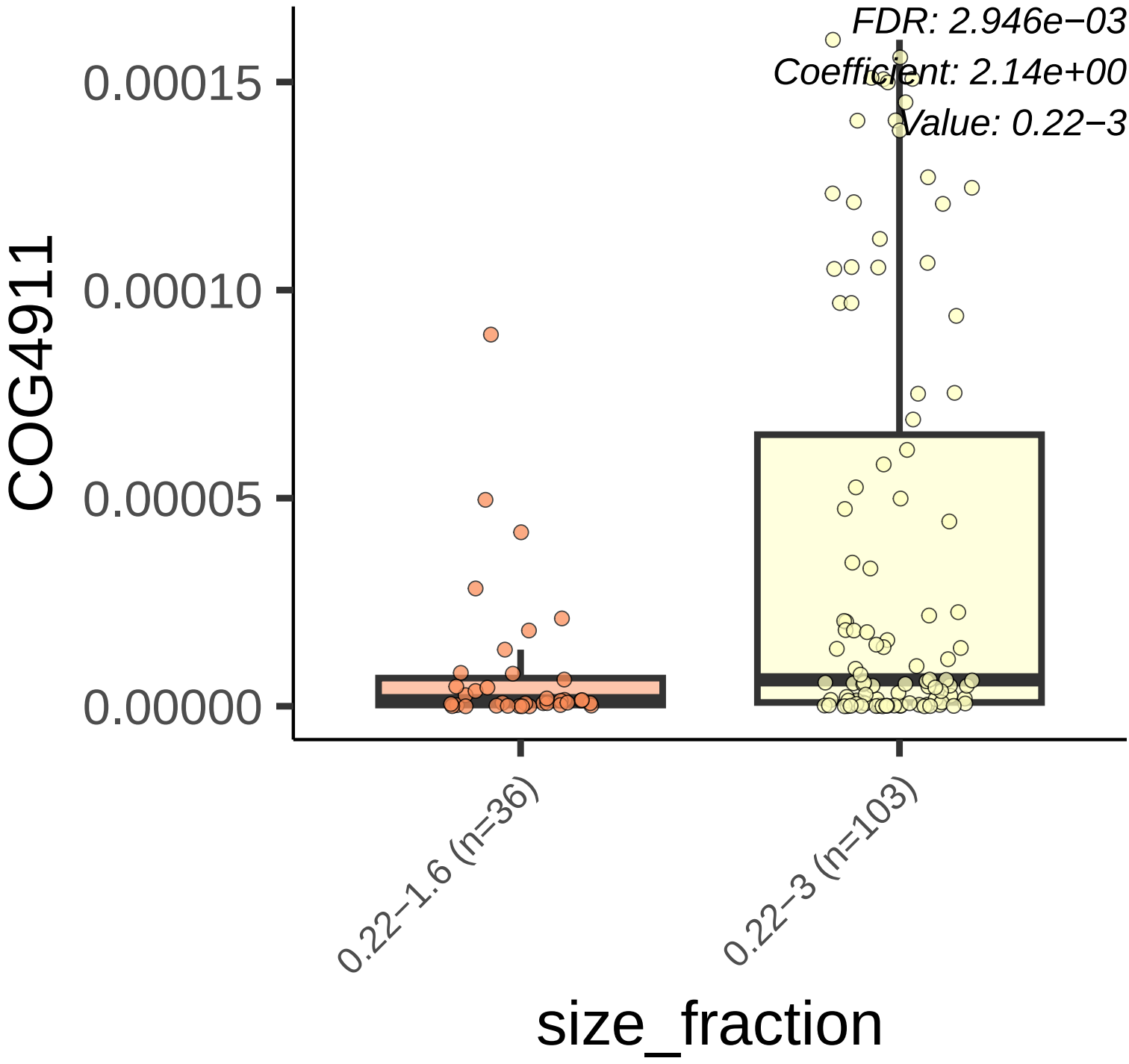

FDR: 2.548e−03
Coefficient: −1.26e−01
Value: 0.22−3
6e−04
5e−04
4e−04
3e−04
COG1160
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

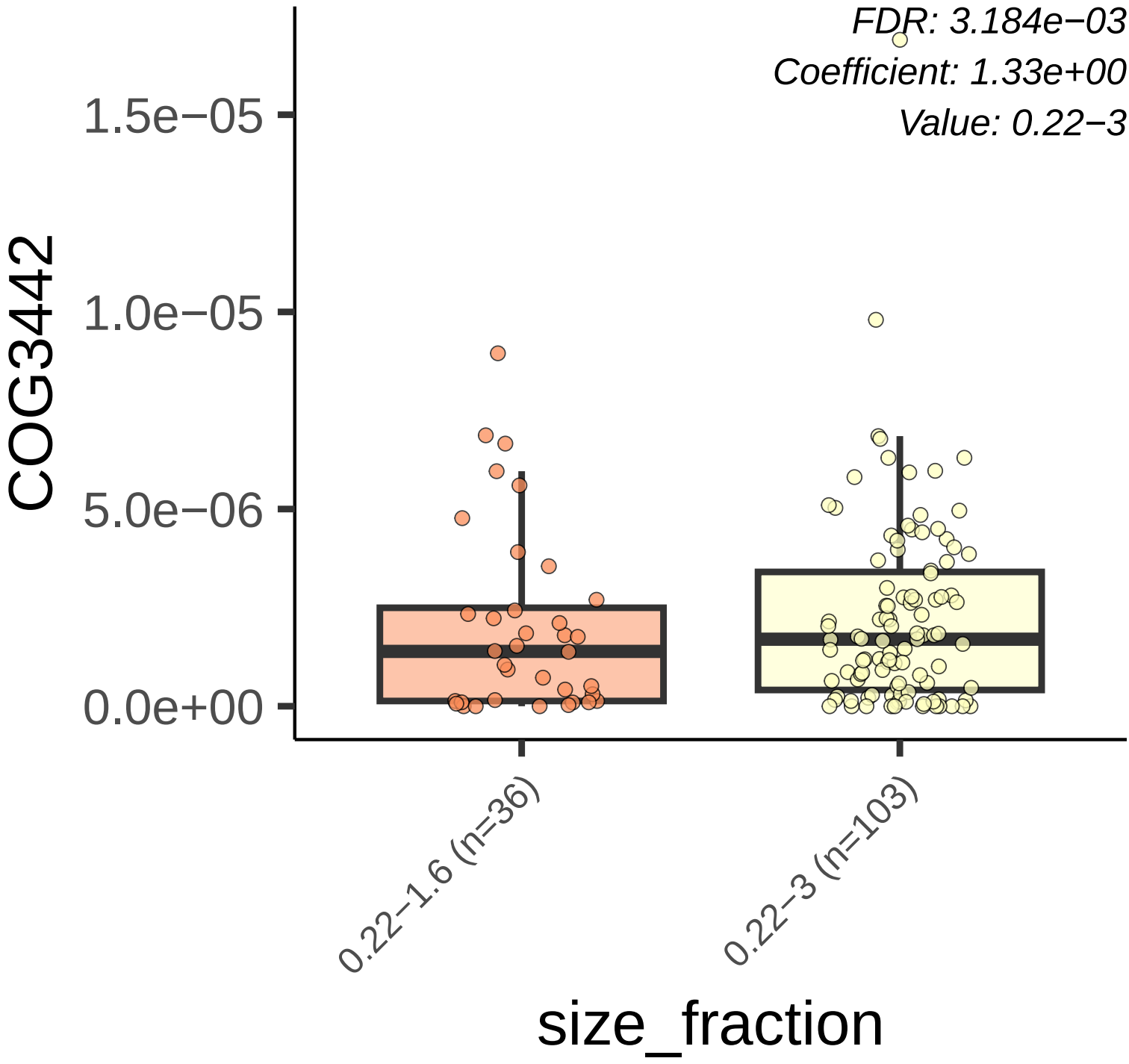

FDR: 2.686e−03
Coefficient: −4.93e−01
Value: 0.22−3
COG3150
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

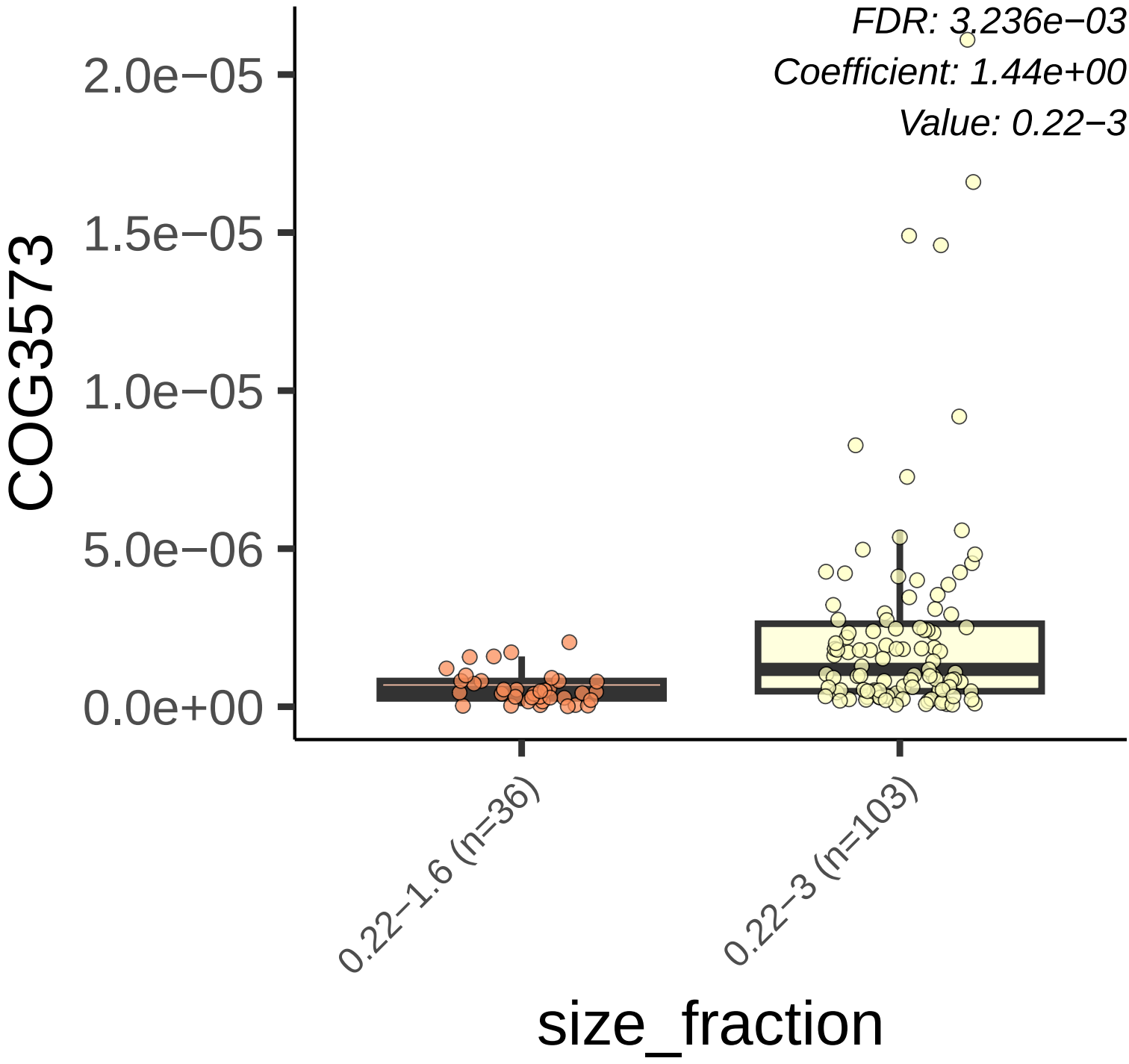

FDR: 2.708e−03
Coefficient: 1.50e+00
Value: 0.22−3
COG3865
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

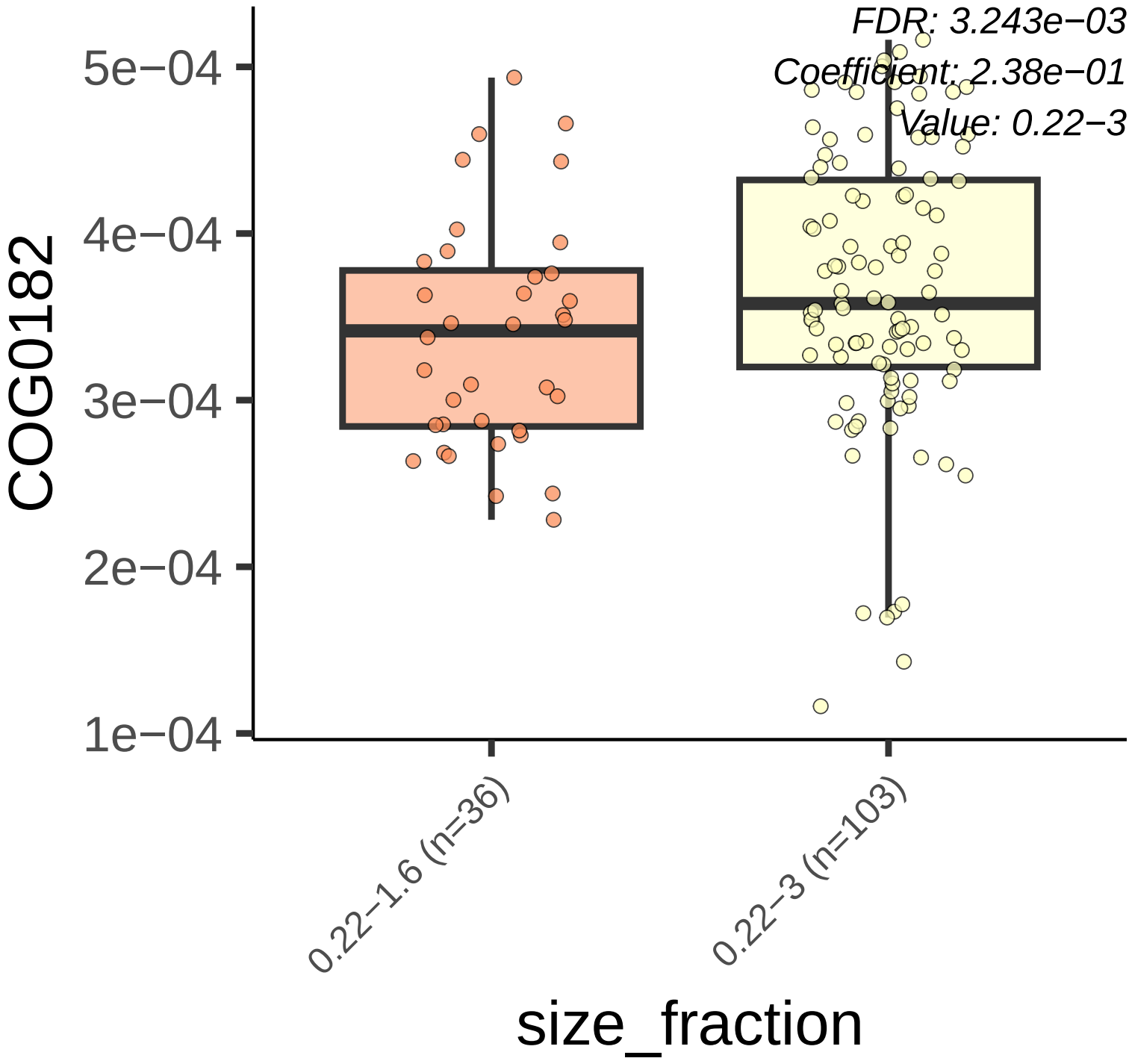

FDR: 2.763e−03
Coefficient: 4.48e+00
Value: 0.22−3
COG3559
1e−05
5e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

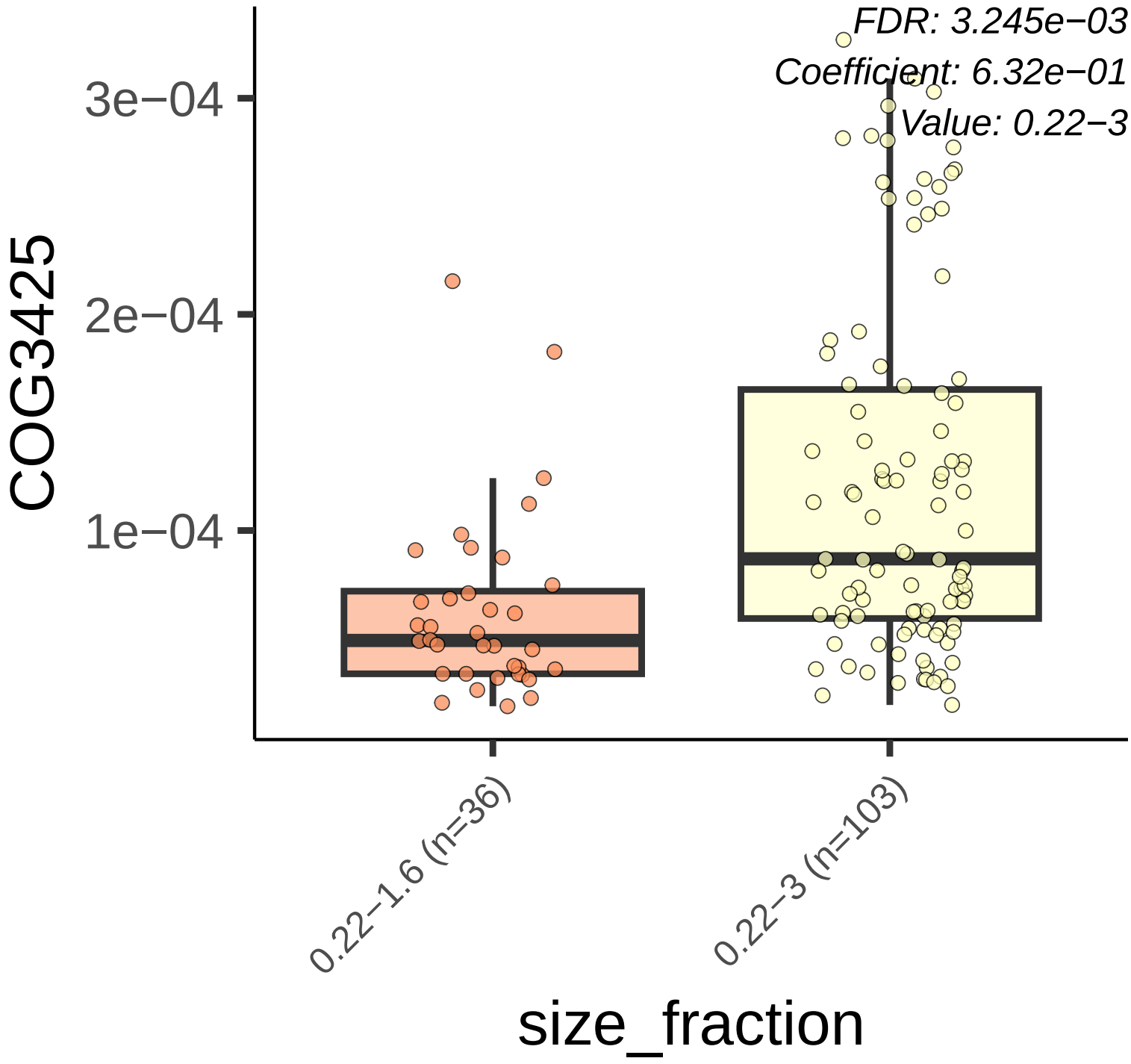

FDR: 2.836e−03
Coefficient: 5.08e−01
Value: 0.22−3
COG4464
6e−05
4e−05
2e−05
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

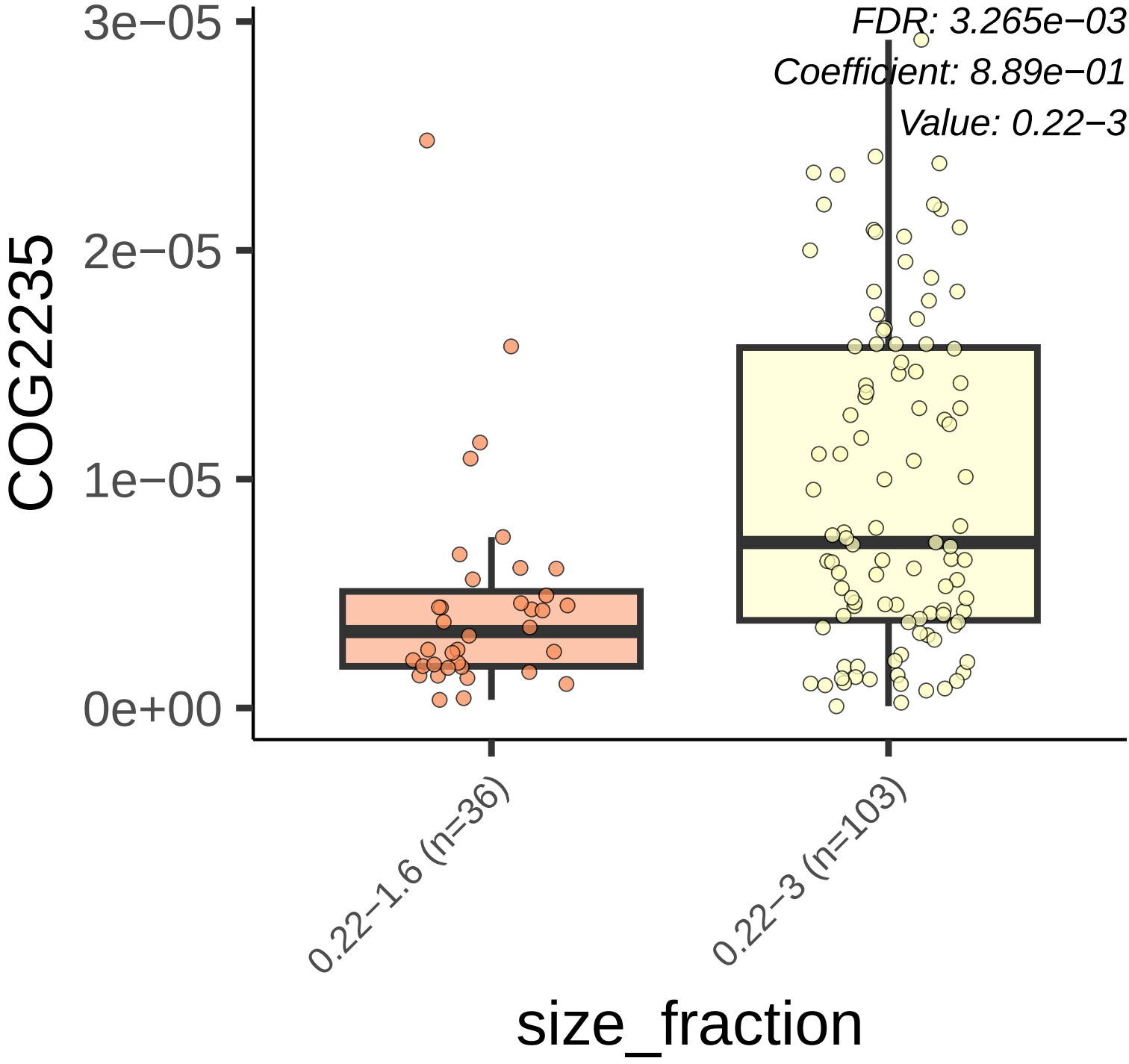

FDR: 2.946e−03
Coefficient: 2.14e+00
Value: 0.22−3
0.00015
0.00010
0.00005
0.00000
COG4911
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

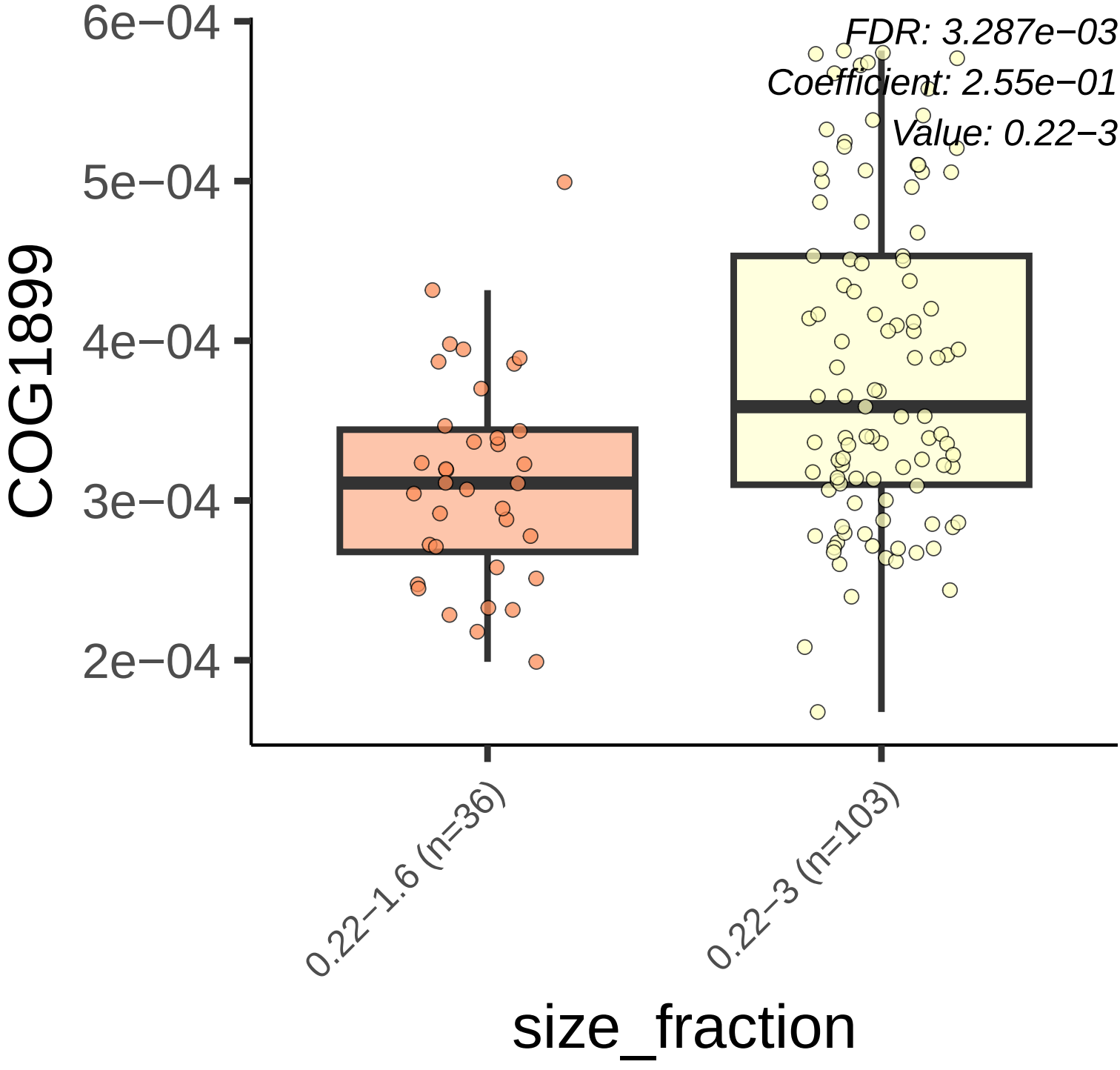

FDR: 3.184e−03
Coefficient: 1.33e+00
Value: 0.22−3
COG3442
1.5e−05
1.0e−05
5.0e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

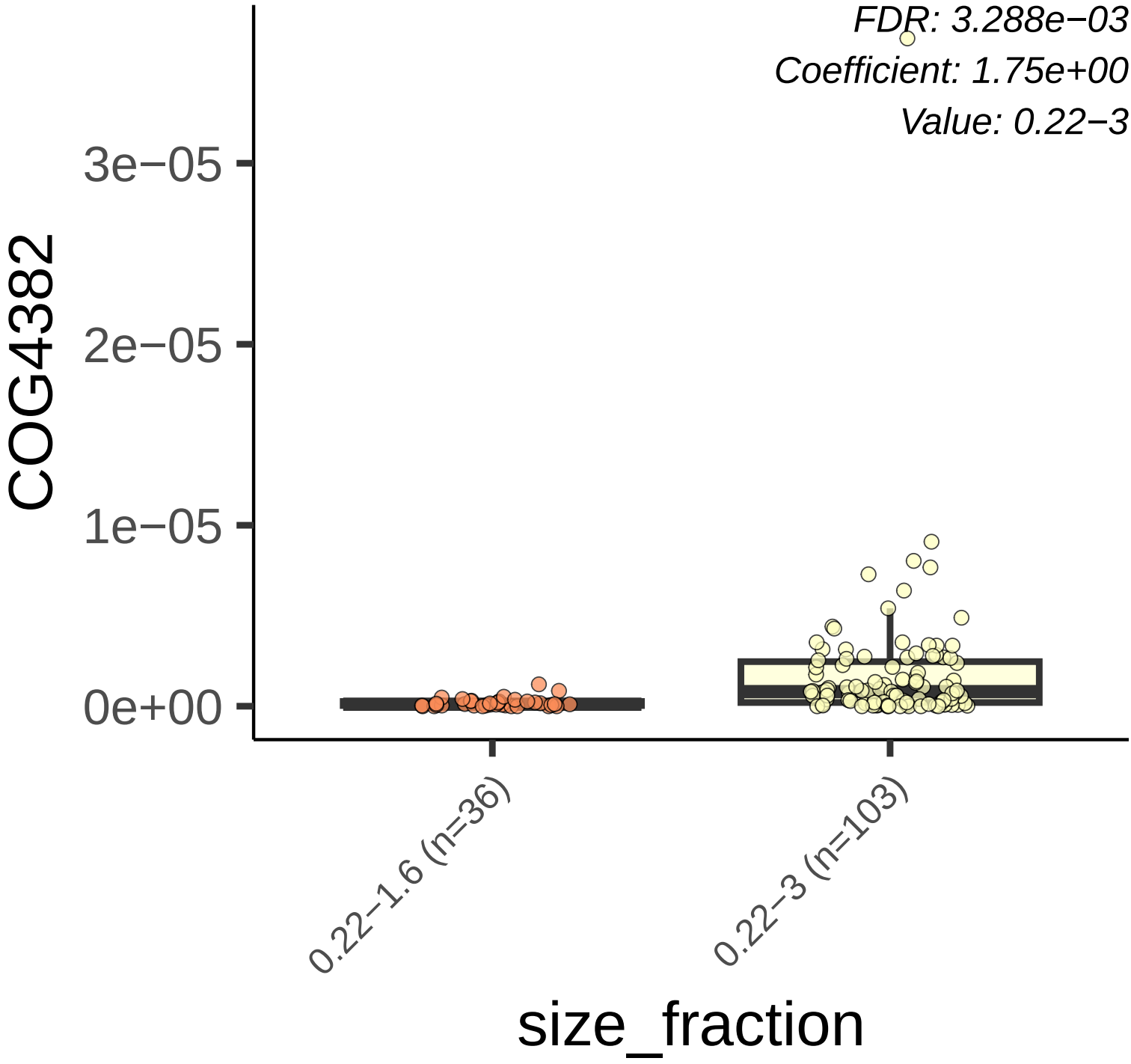

FDR: 3.236e−03
Coefficient: 1.44e+00
Value: 0.22−3
COG3573
2.0e−05
1.5e−05
1.0e−05
5.0e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

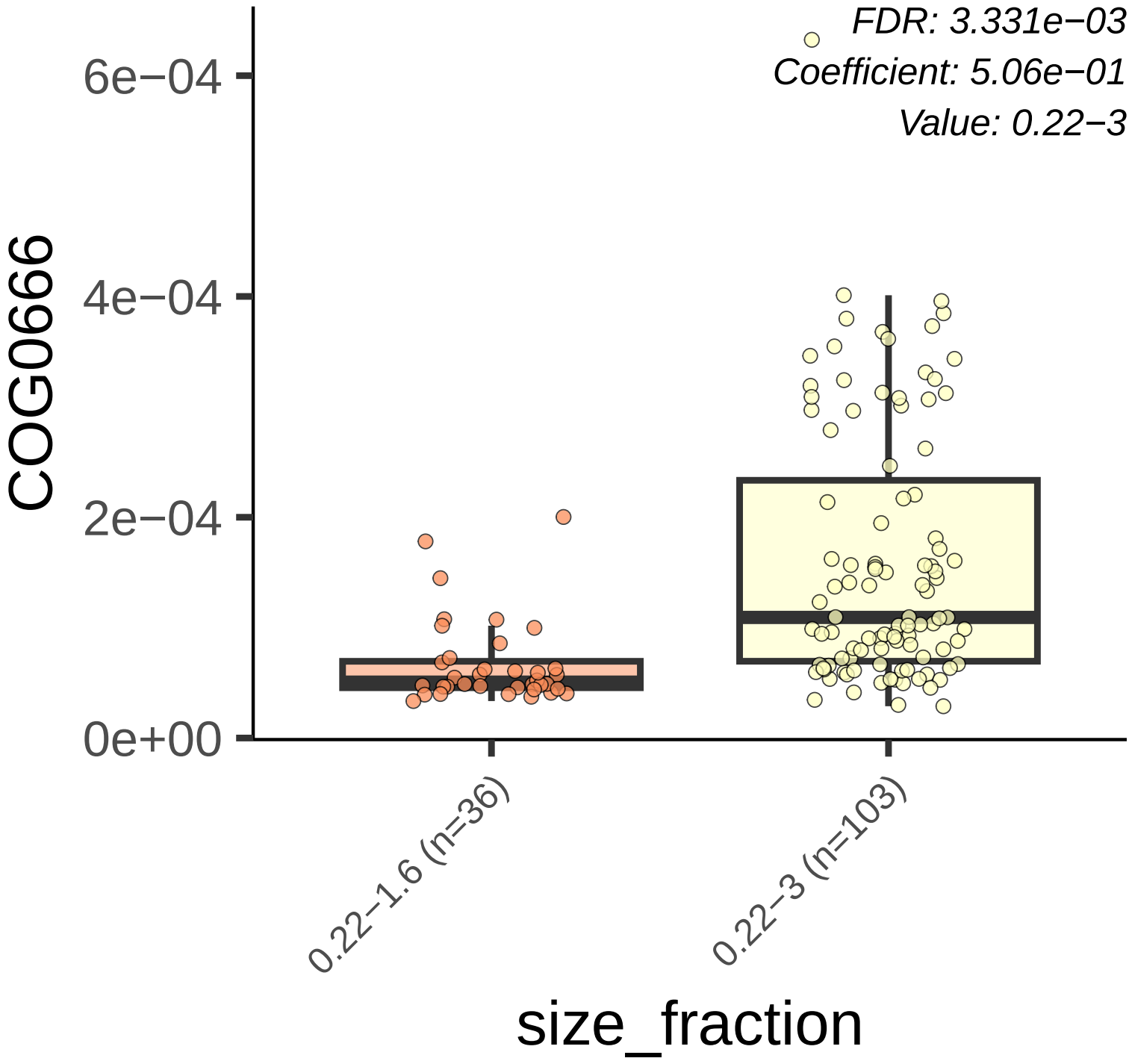

FDR: 3.243e−03
Coefficient: 2.38e−01
Value: 0.22−3
COG0182
5e−04
4e−04
3e−04
2e−04
1e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

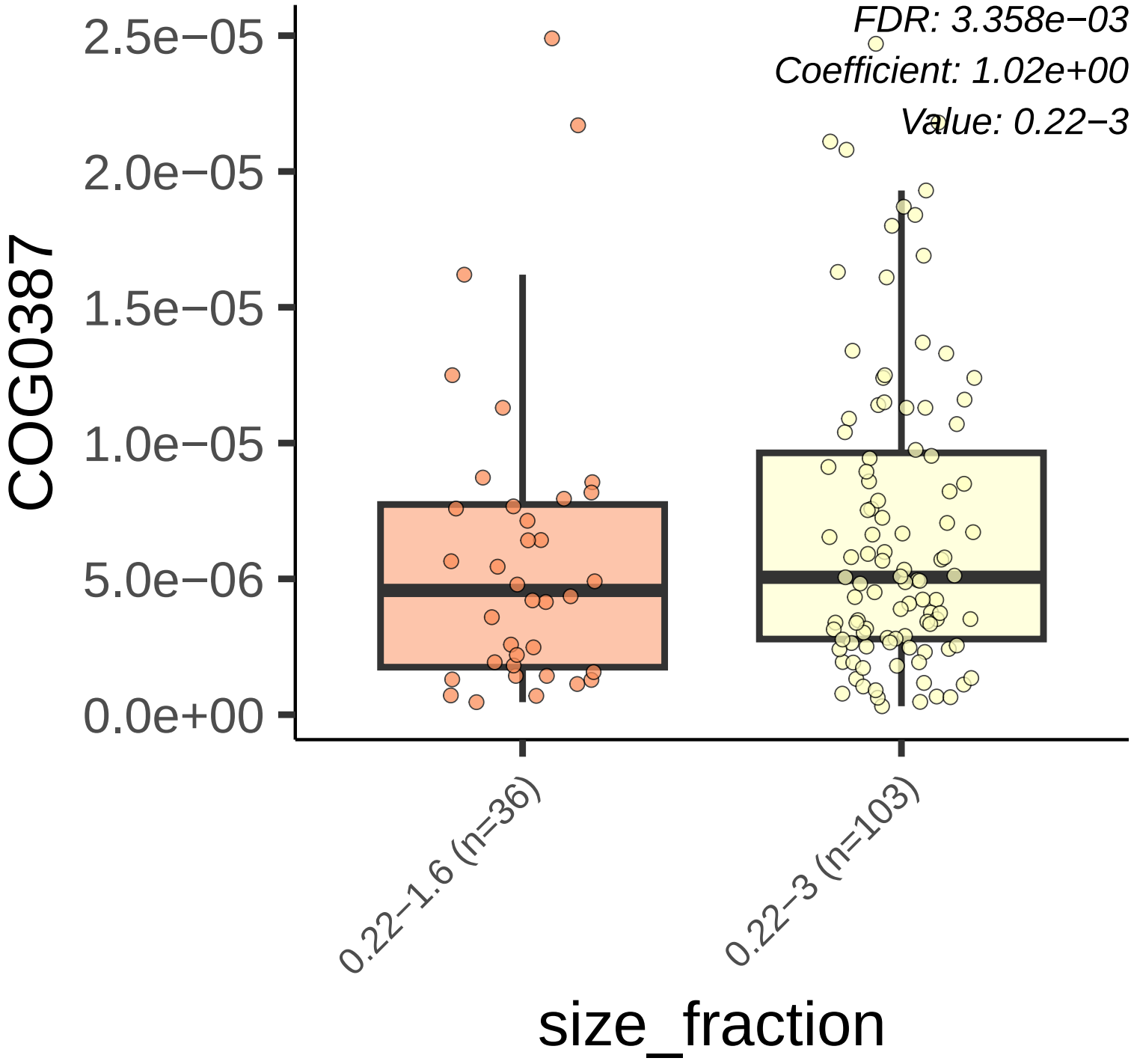

FDR: 3.245e−03
Coefficient: 6.32e−01
Value: 0.22−3
COG3425
3e−04
2e−04
1e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

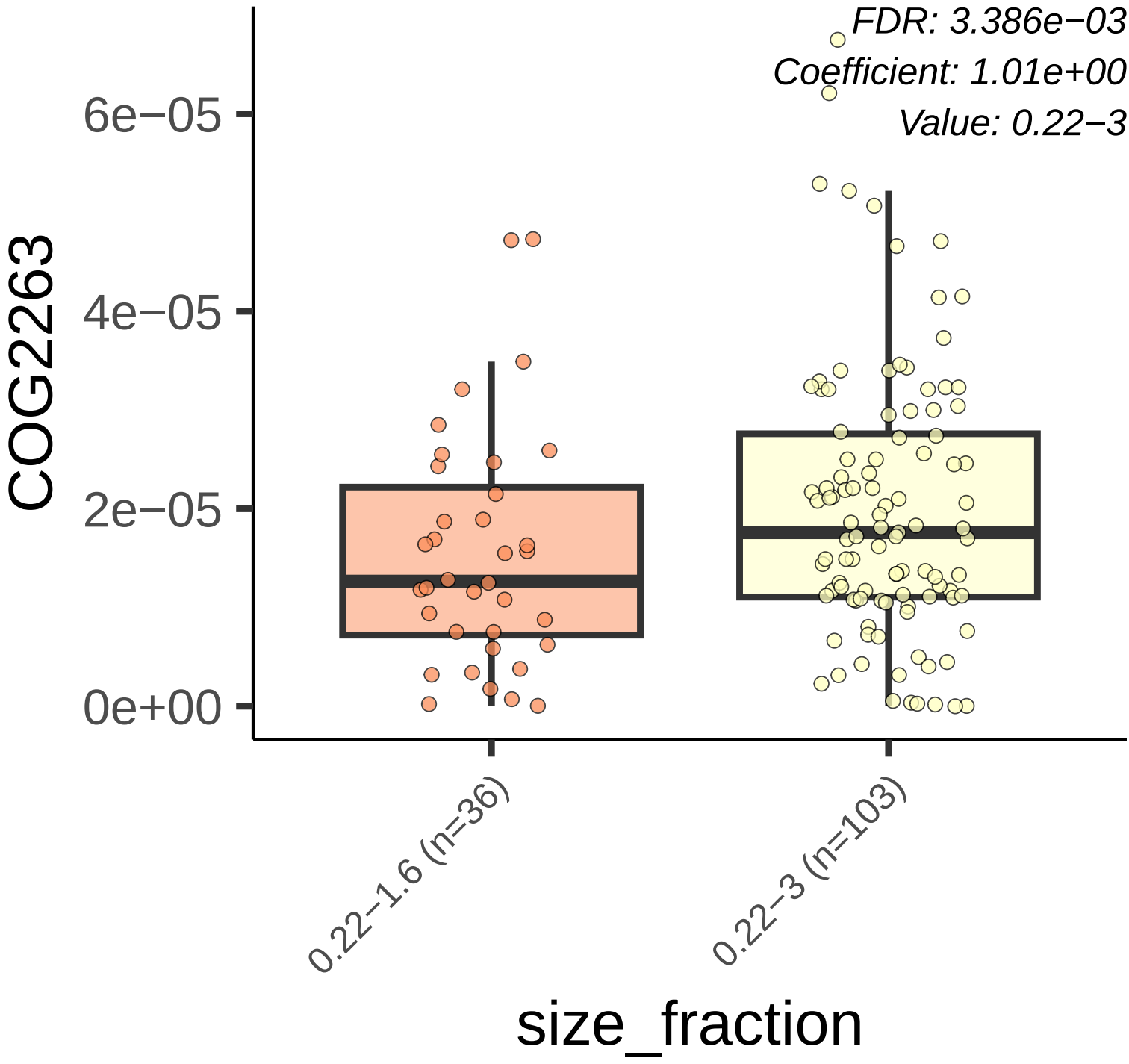

FDR: 3.265e−03
Coefficient: 8.89e−01
Value: 0.22−3
COG2235
3e−05
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

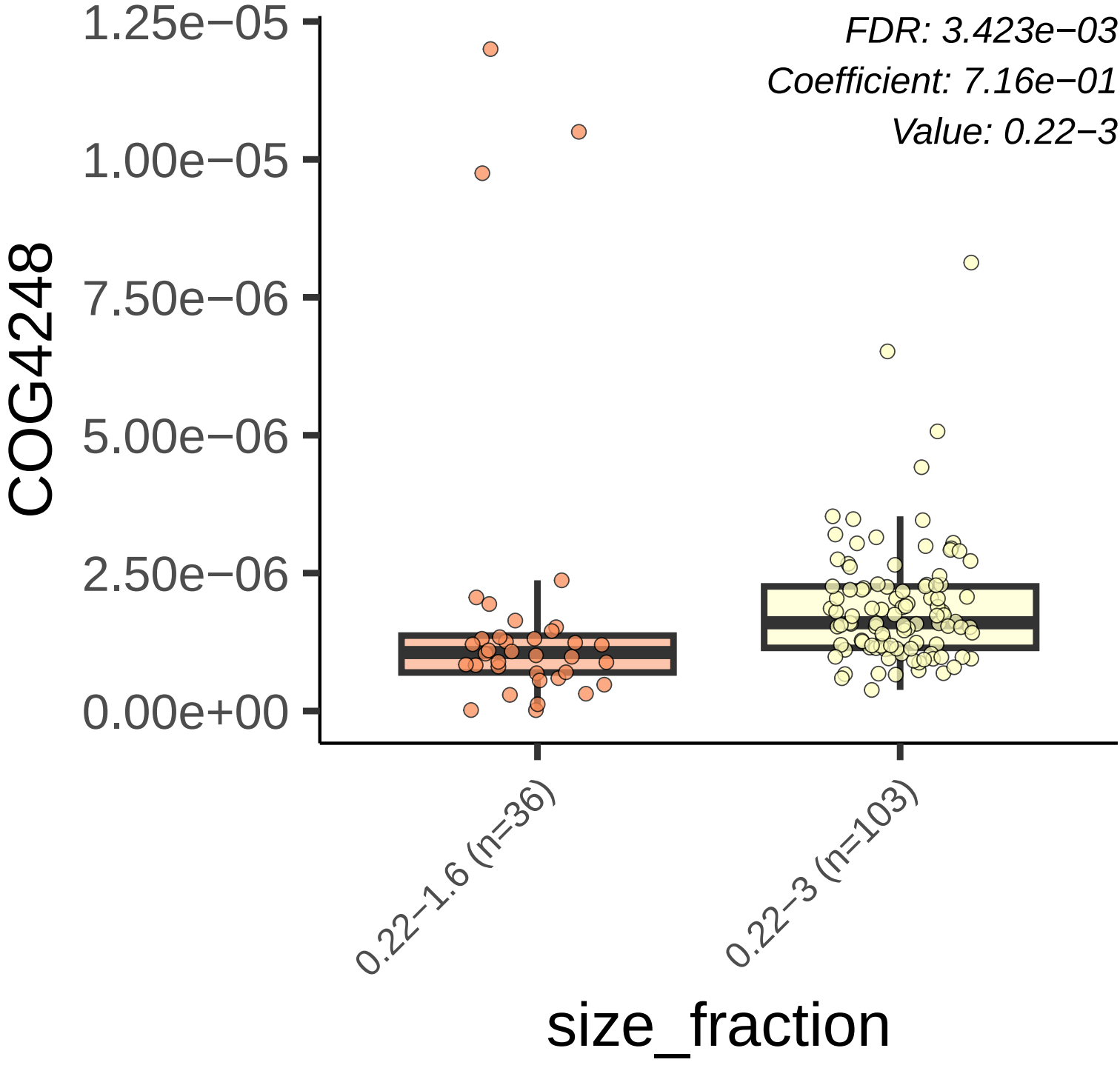

FDR: 3.287e−03
Coefficient: 2.55e−01
Value: 0.22−3
6e−04
5e−04
4e−04
3e−04
2e−04
COG1899
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

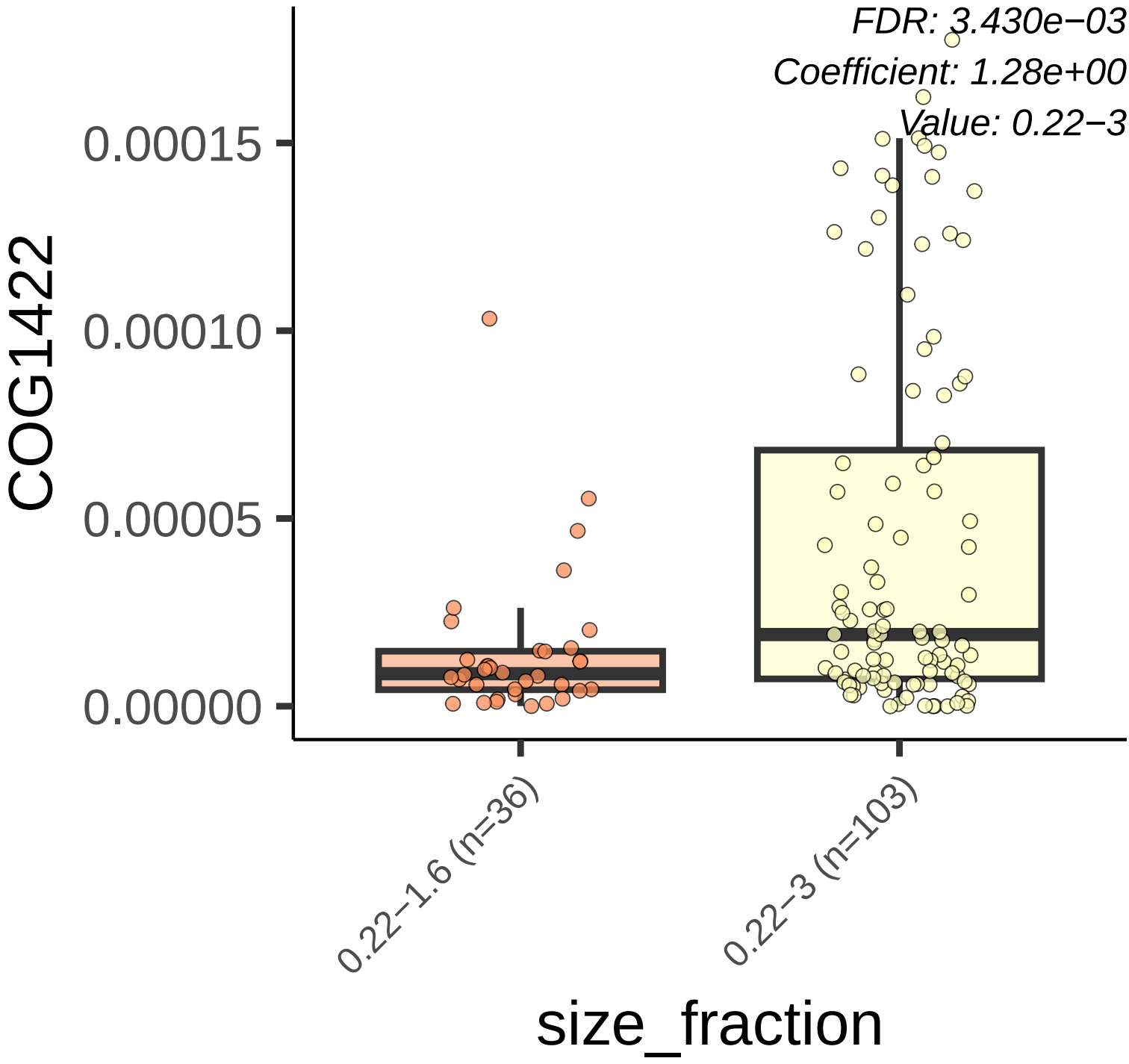

FDR: 3.288e−03
Coefficient: 1.75e+00
Value: 0.22−3
COG4382
3e−05
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

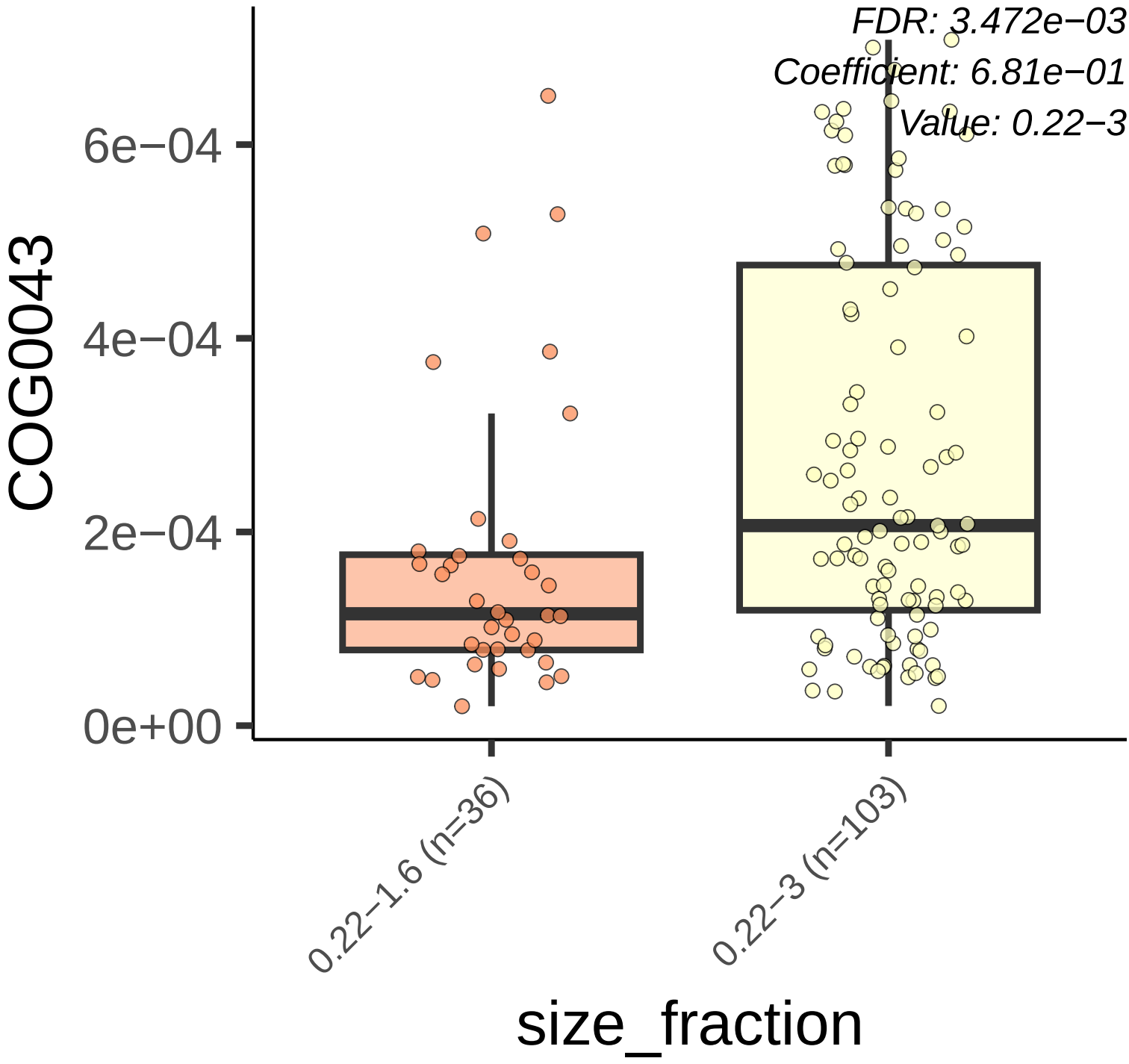

FDR: 3.331e−03
Coefficient: 5.06e−01
Value: 0.22−3
COG0666
6e−04
4e−04
2e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

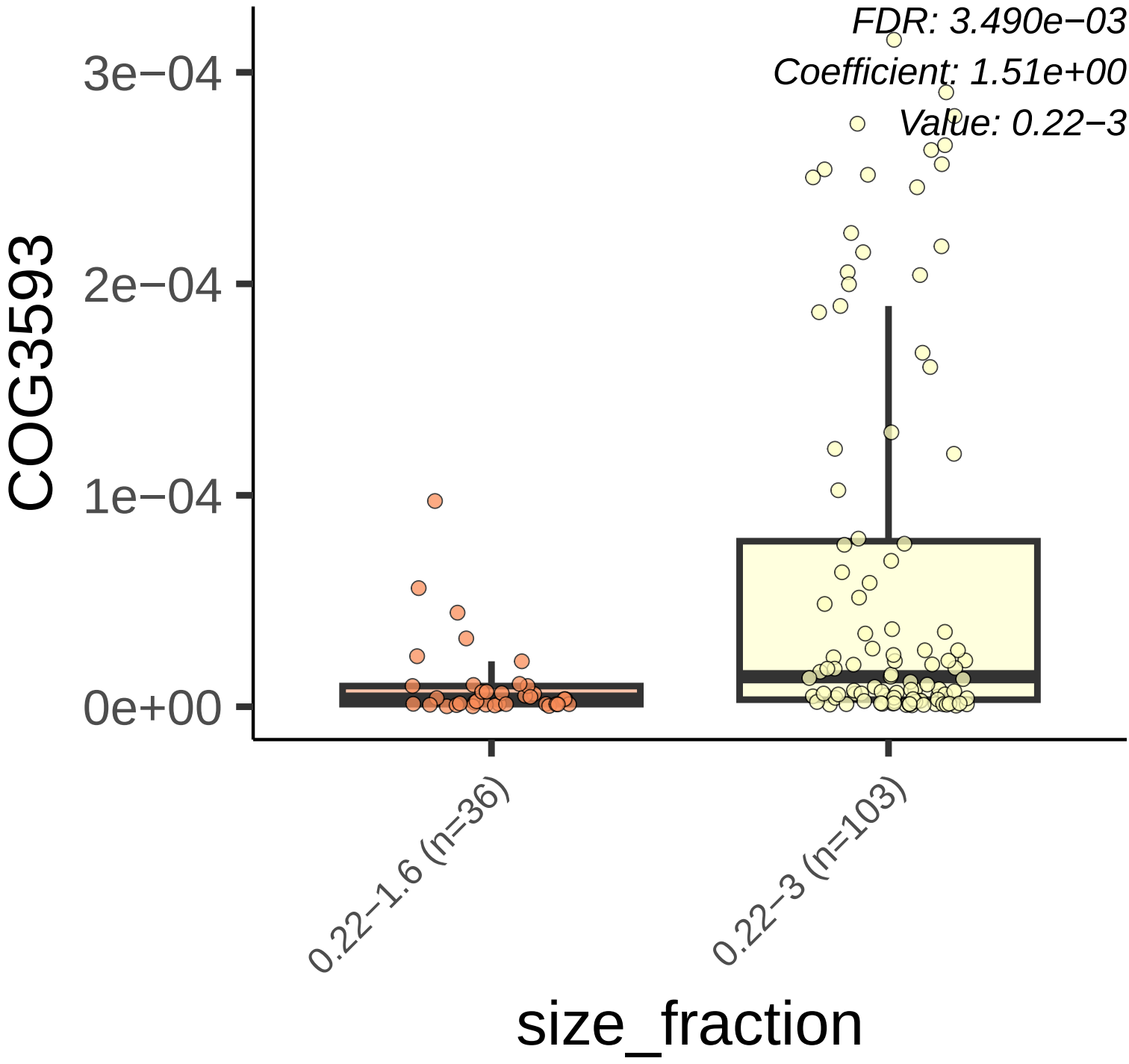

FDR: 3.358e−03
Coefficient: 1.02e+00
Value: 0.22−3
COG0387
2.5e−05
2.0e−05
1.5e−05
1.0e−05
5.0e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

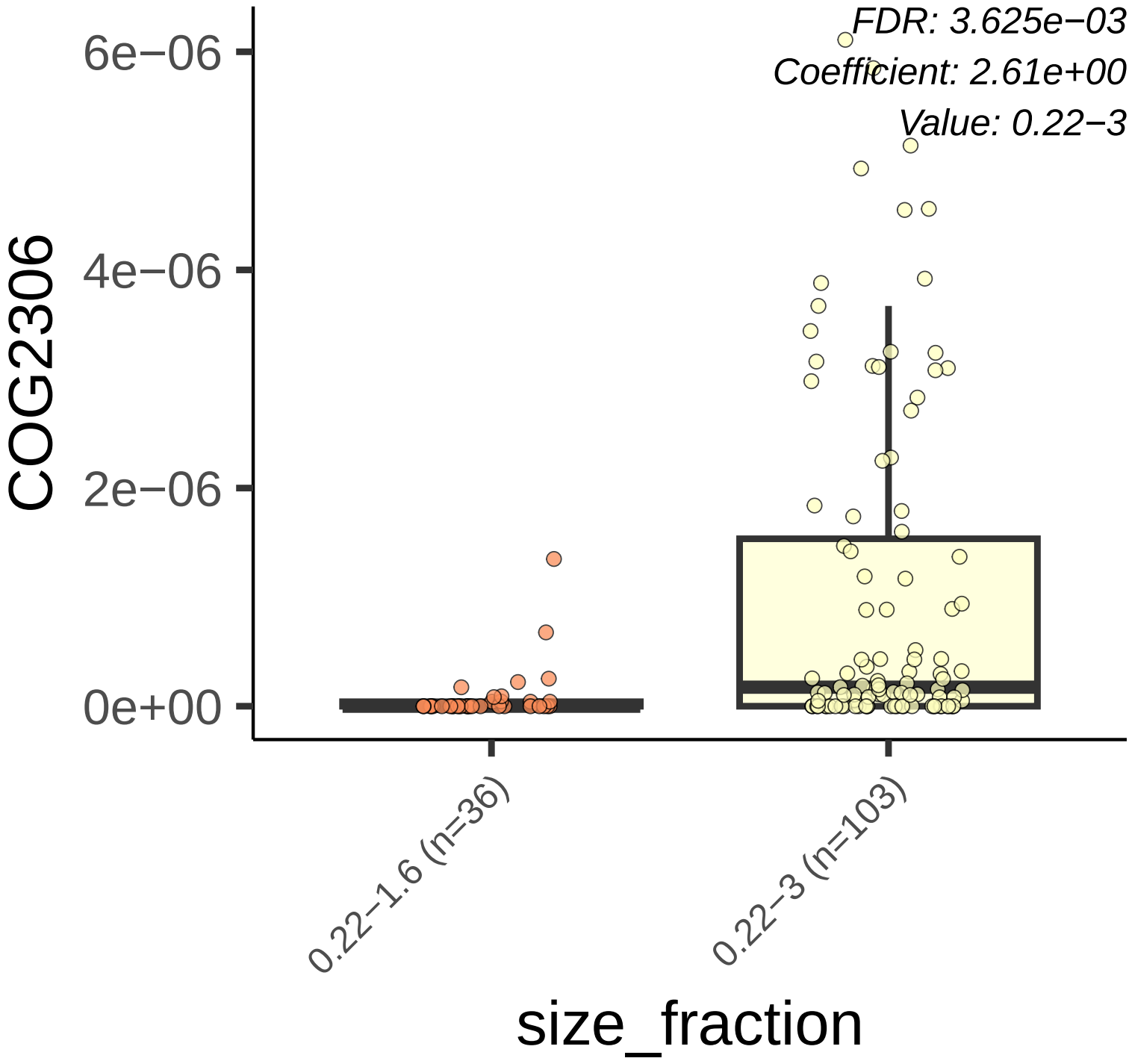

FDR: 3.386e−03
Coefficient: 1.01e+00
Value: 0.22−3
COG2263
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

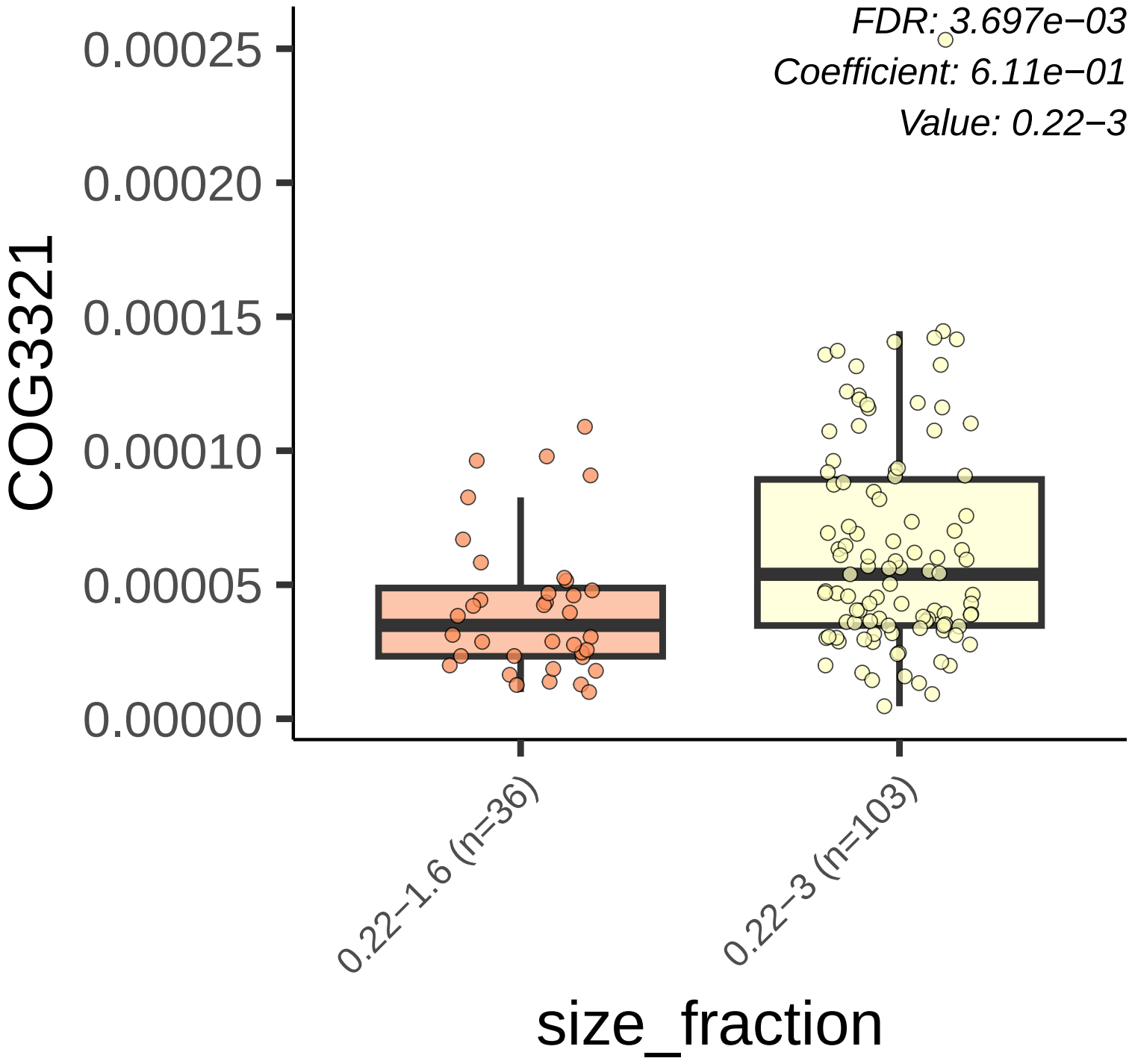

FDR: 3.423e−03
Coefficient: 7.16e−01
Value: 0.22−3
COG4248
1.25e−05
1.00e−05
7.50e−06
5.00e−06
2.50e−06
0.00e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

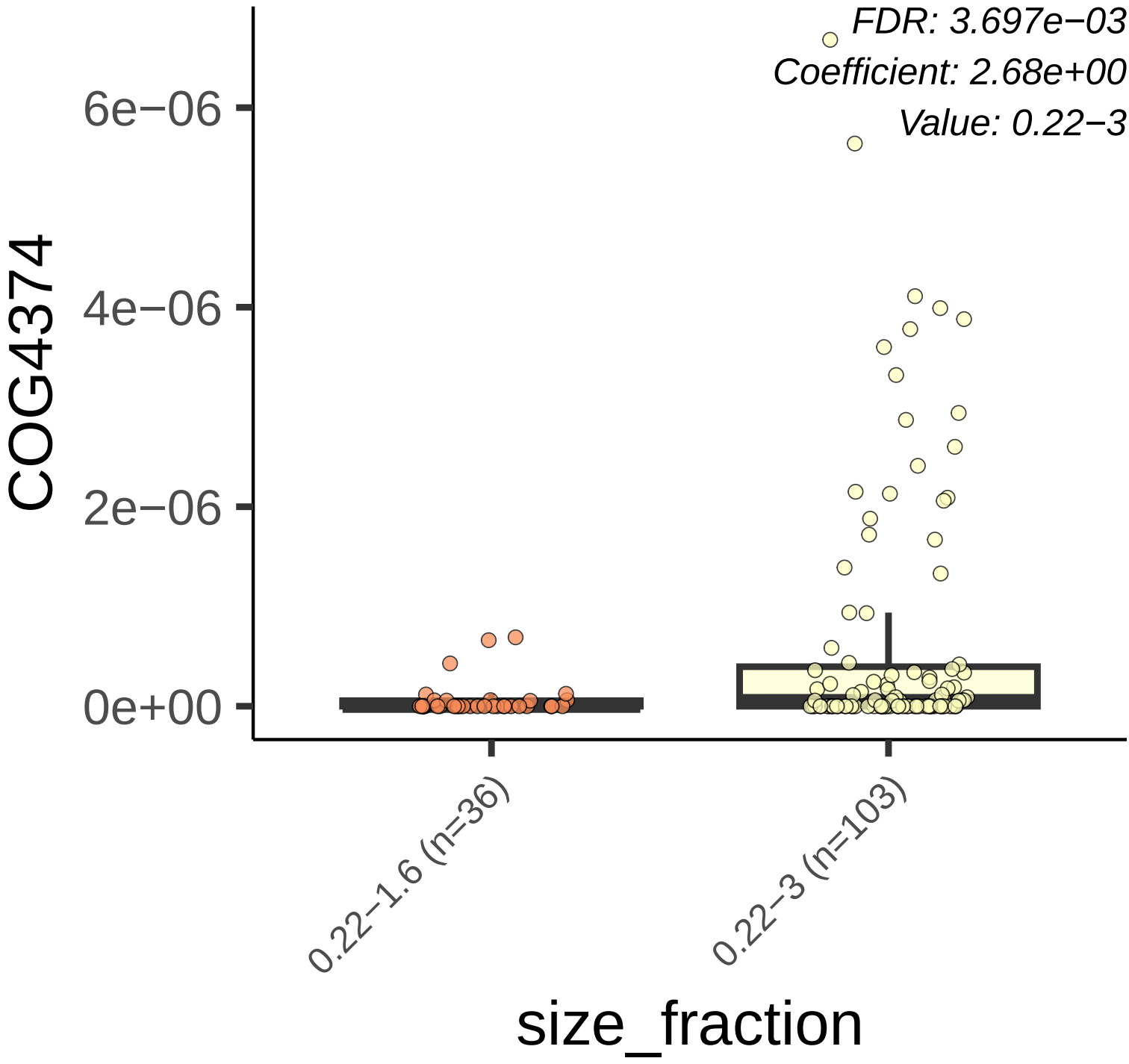

FDR: 3.430e−03
Coefficient: 1.28e+00
Value: 0.22−3
COG1422
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

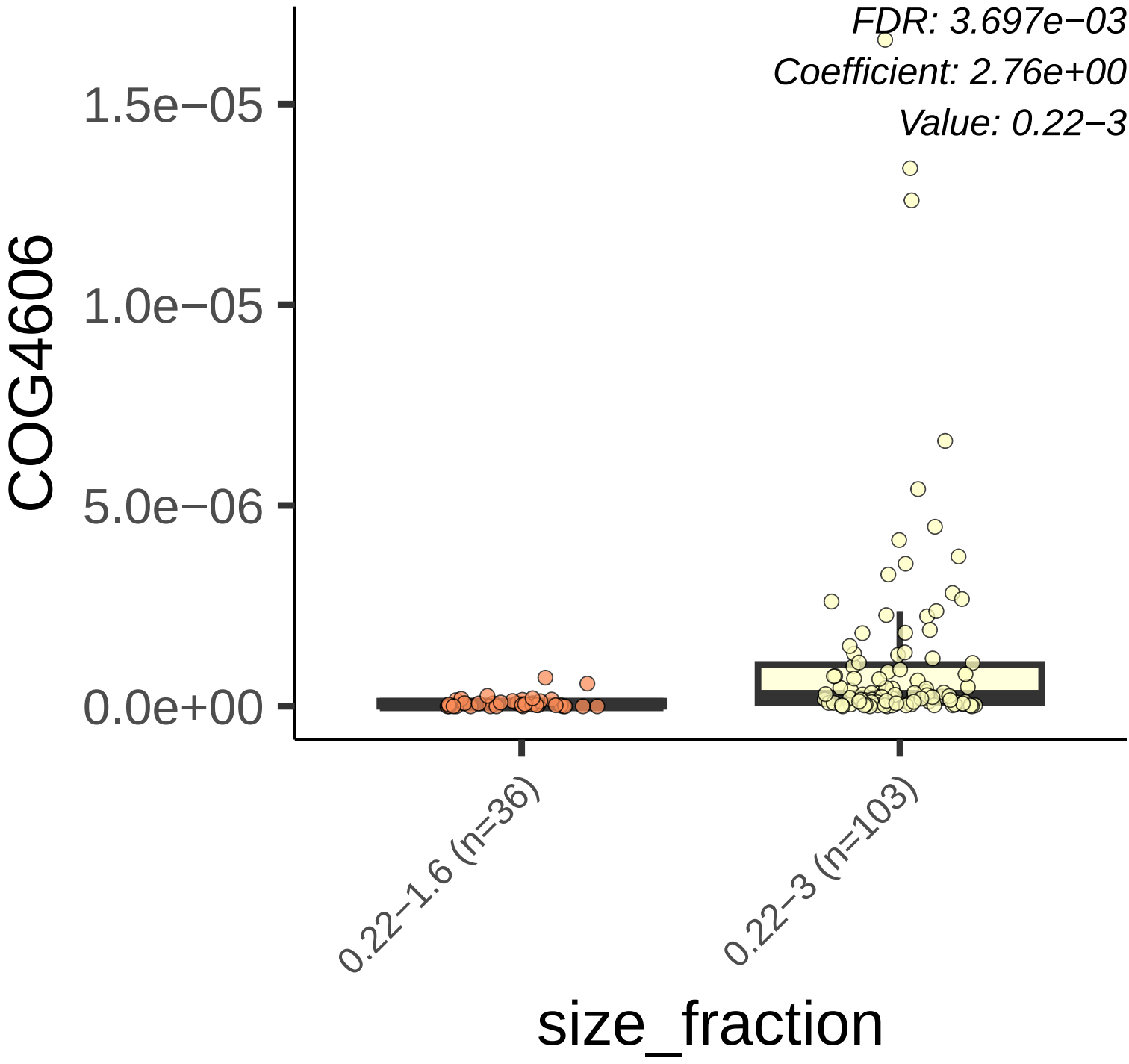

FDR: 3.472e−03
Coefficient: 6.81e−01
Value: 0.22−3
COG0043
6e−04
4e−04
2e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

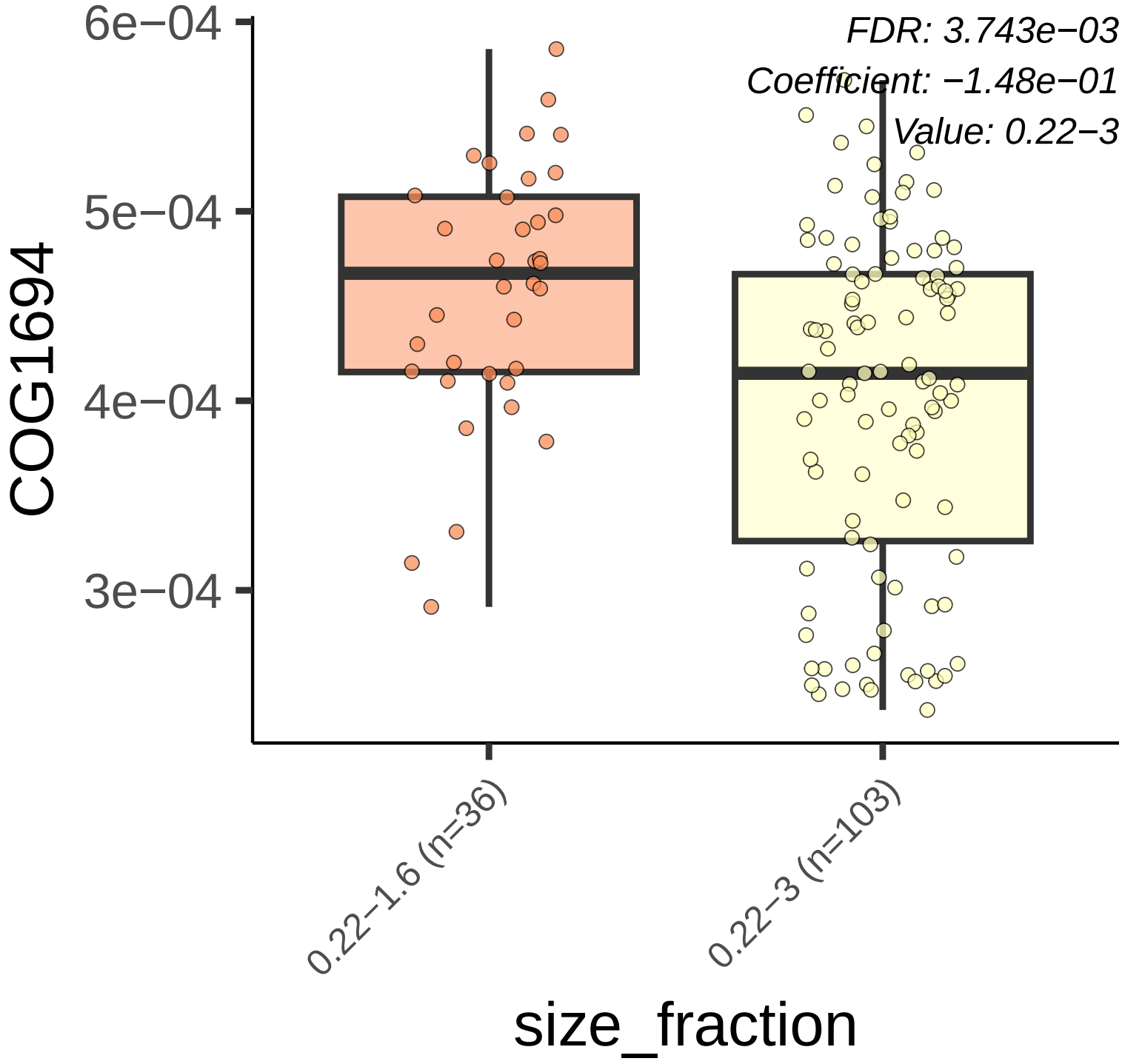

FDR: 3.490e−03
Coefficient: 1.51e+00
Value: 0.22−3
COG3593
3e−04
2e−04
1e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

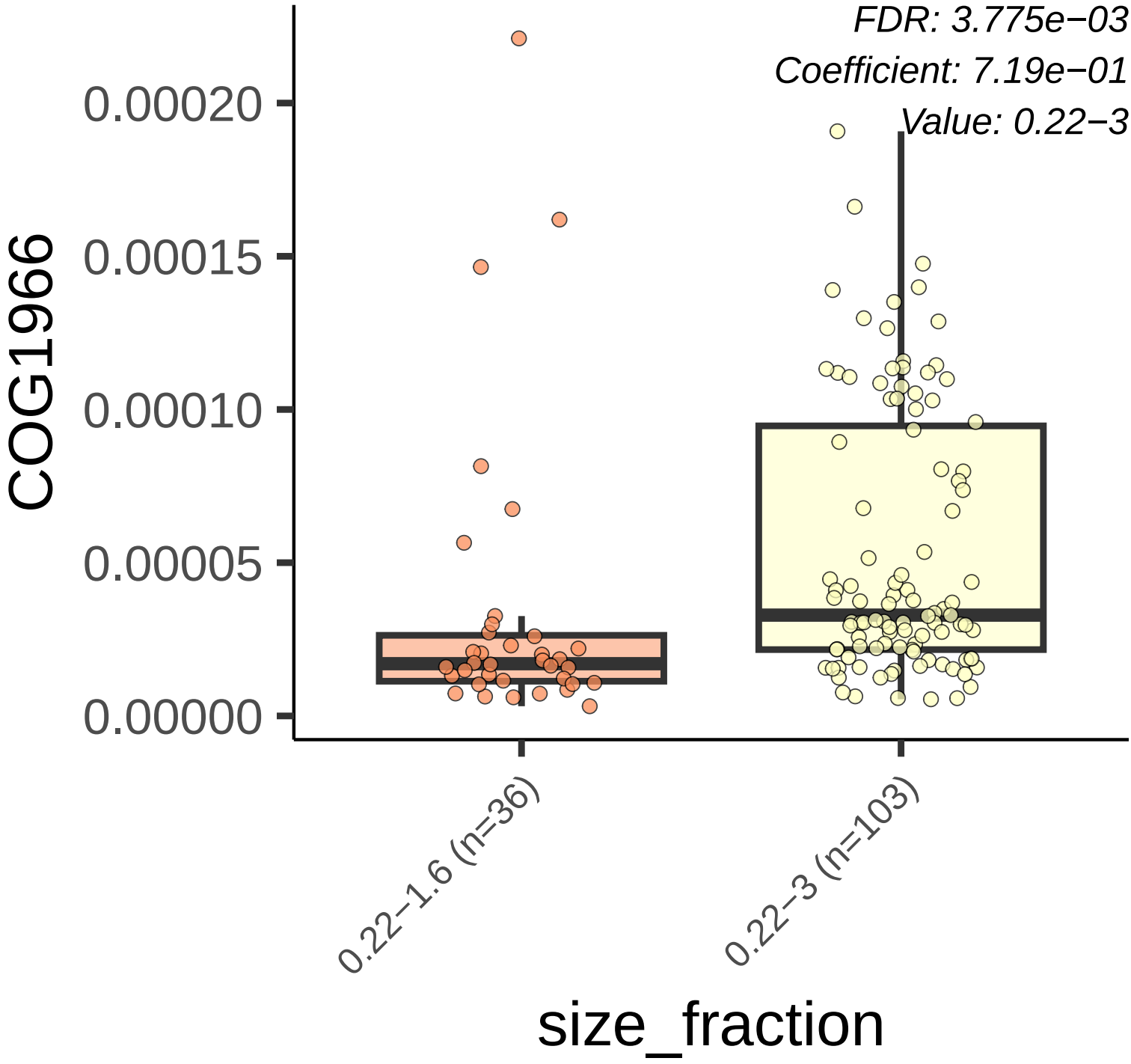

FDR: 3.625e−03
Coefficient: 2.61e+00
Value: 0.22−3
COG2306
6e−06
4e−06
2e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

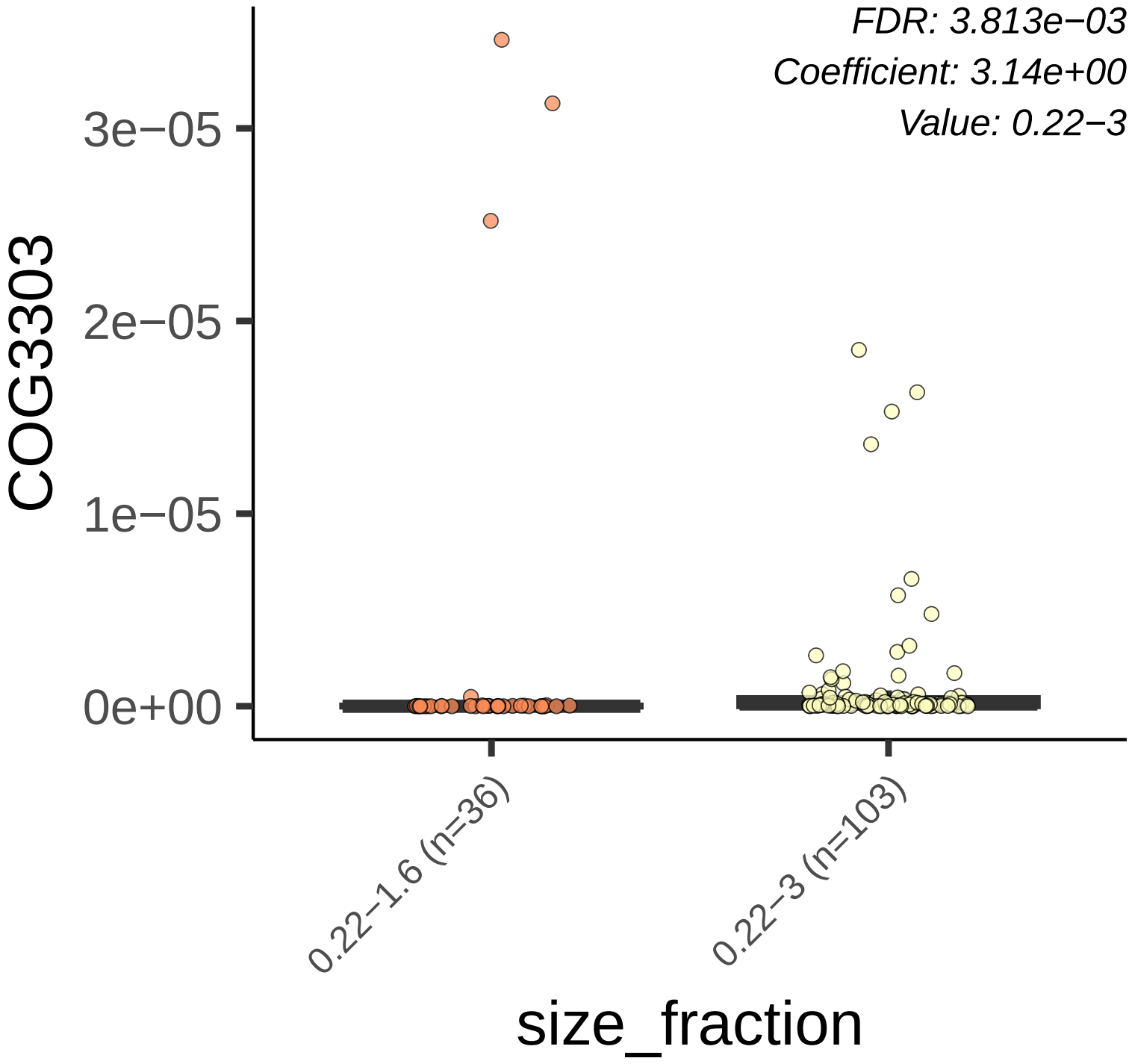

FDR: 3.697e−03
Coefficient: 6.11e−01
Value: 0.22−3
COG3321
0.00025
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

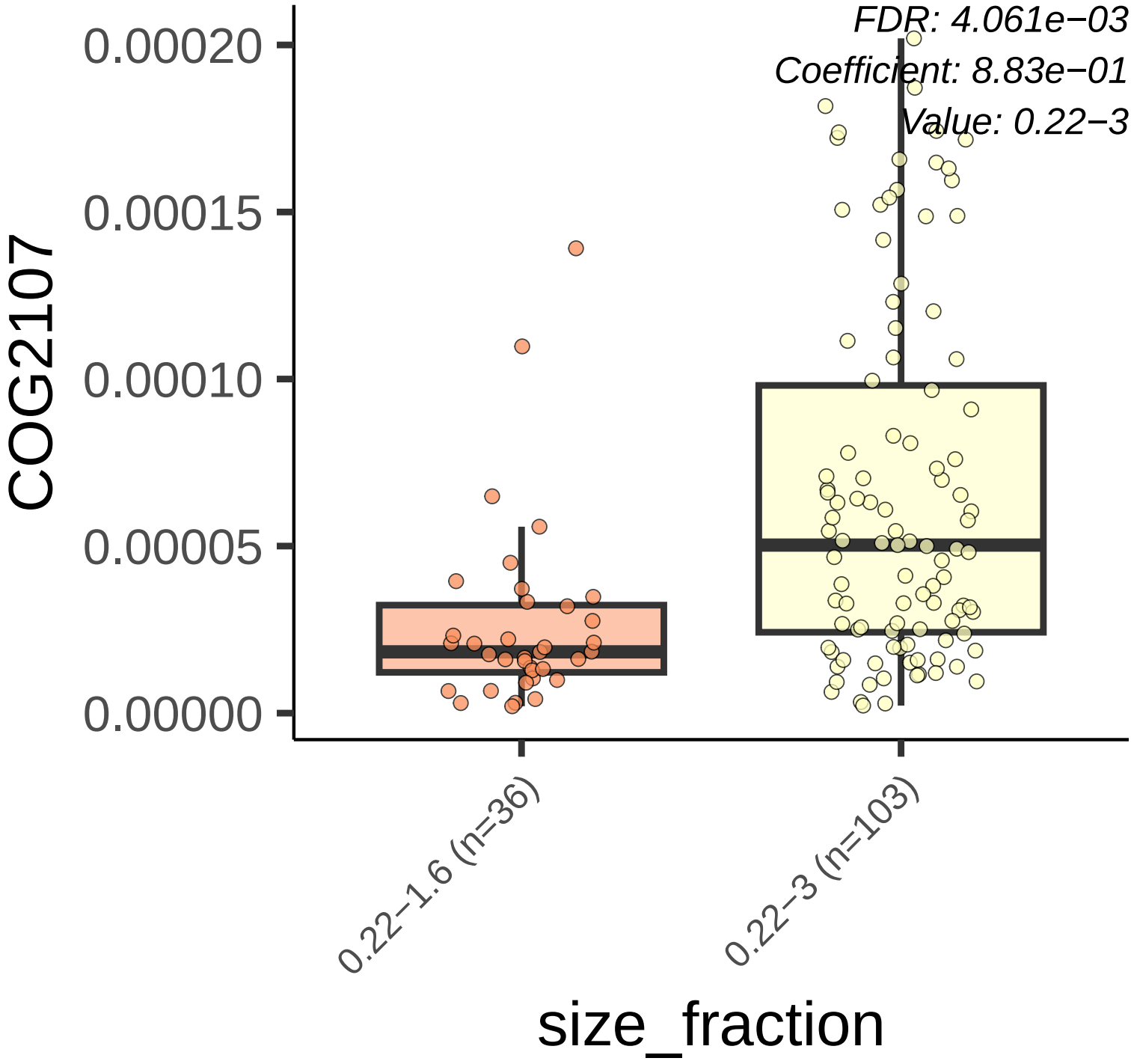

FDR: 3.697e−03
Coefficient: 2.68e+00
Value: 0.22−3
COG4374
6e−06
4e−06
2e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

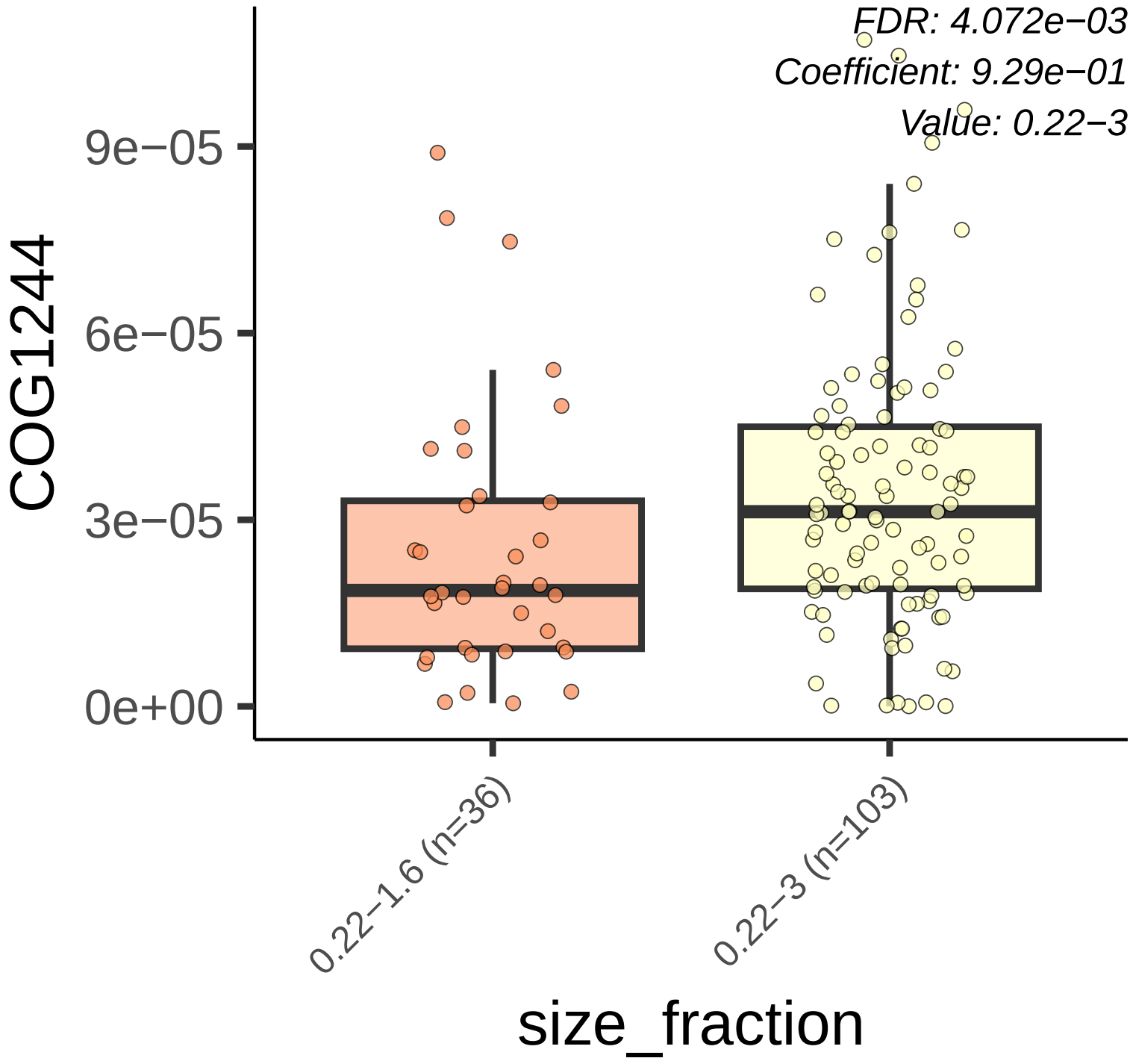

FDR: 3.697e−03
Coefficient: 2.76e+00
Value: 0.22−3
COG4606
1.5e−05
1.0e−05
5.0e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

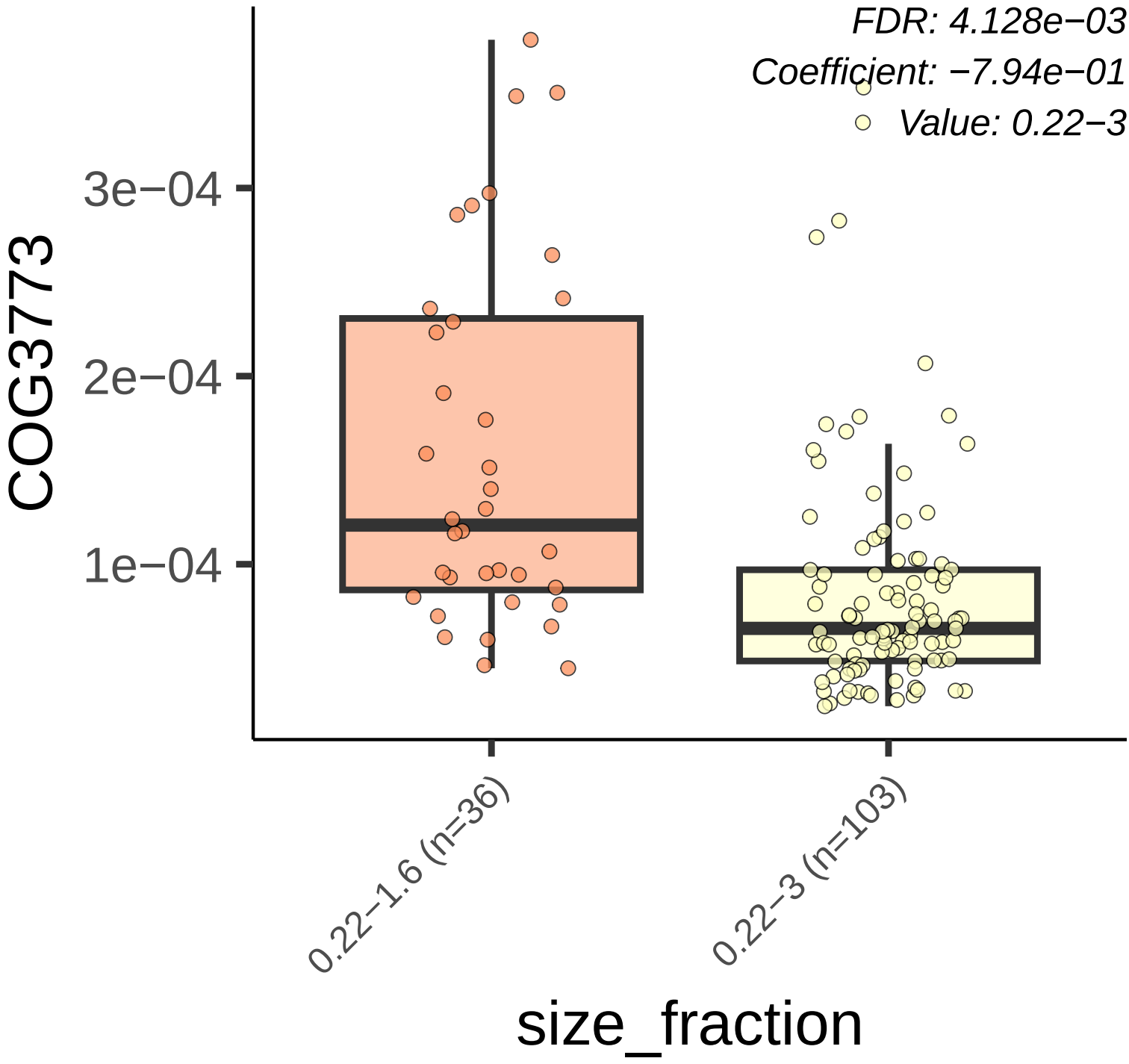

FDR: 3.743e−03
Coefficient: −1.48e−01
Value: 0.22−3
6e−04
5e−04
4e−04
3e−04
COG1694
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

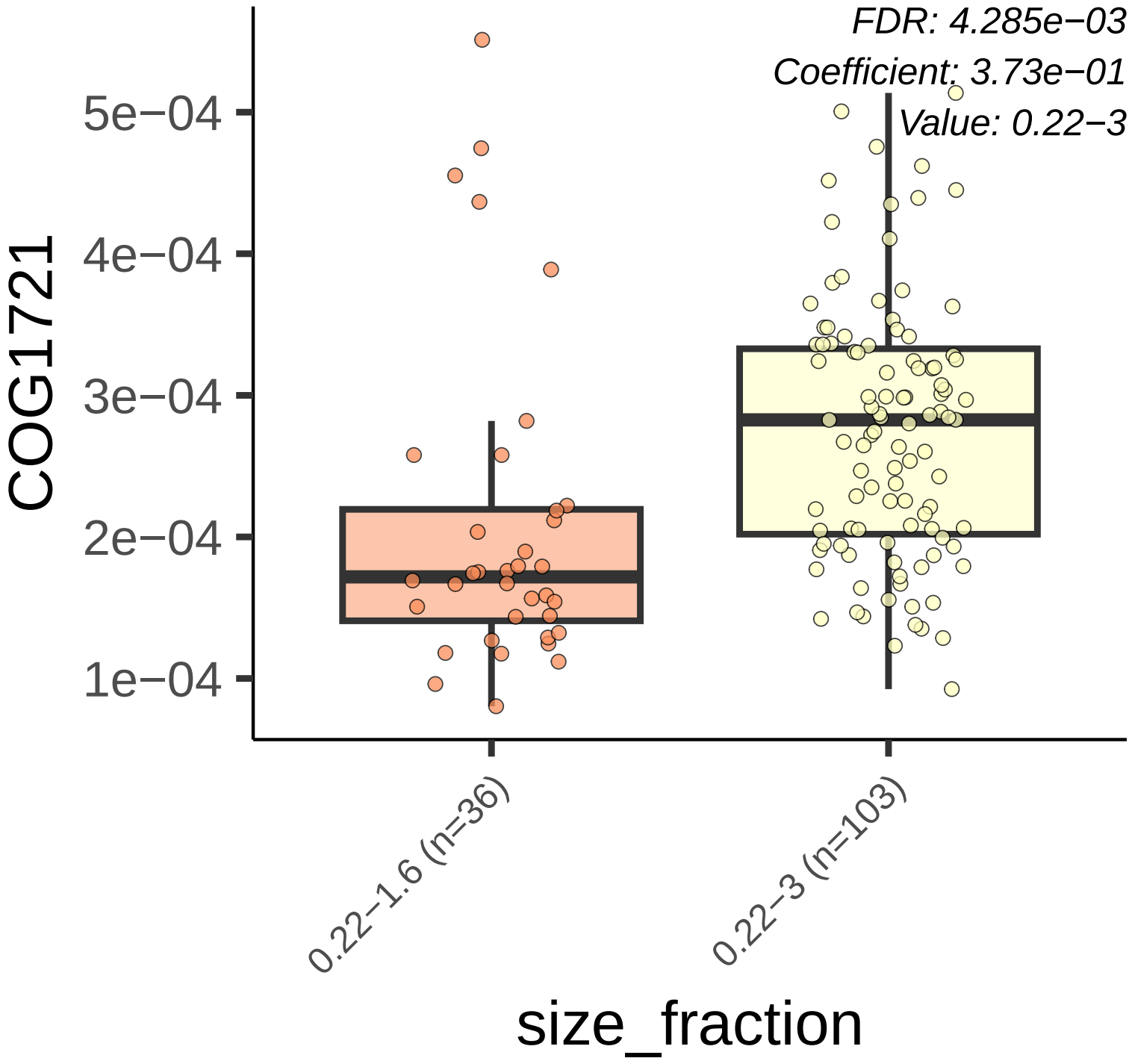

FDR: 3.775e−03
Coefficient: 7.19e−01
Value: 0.22−3
COG1966
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

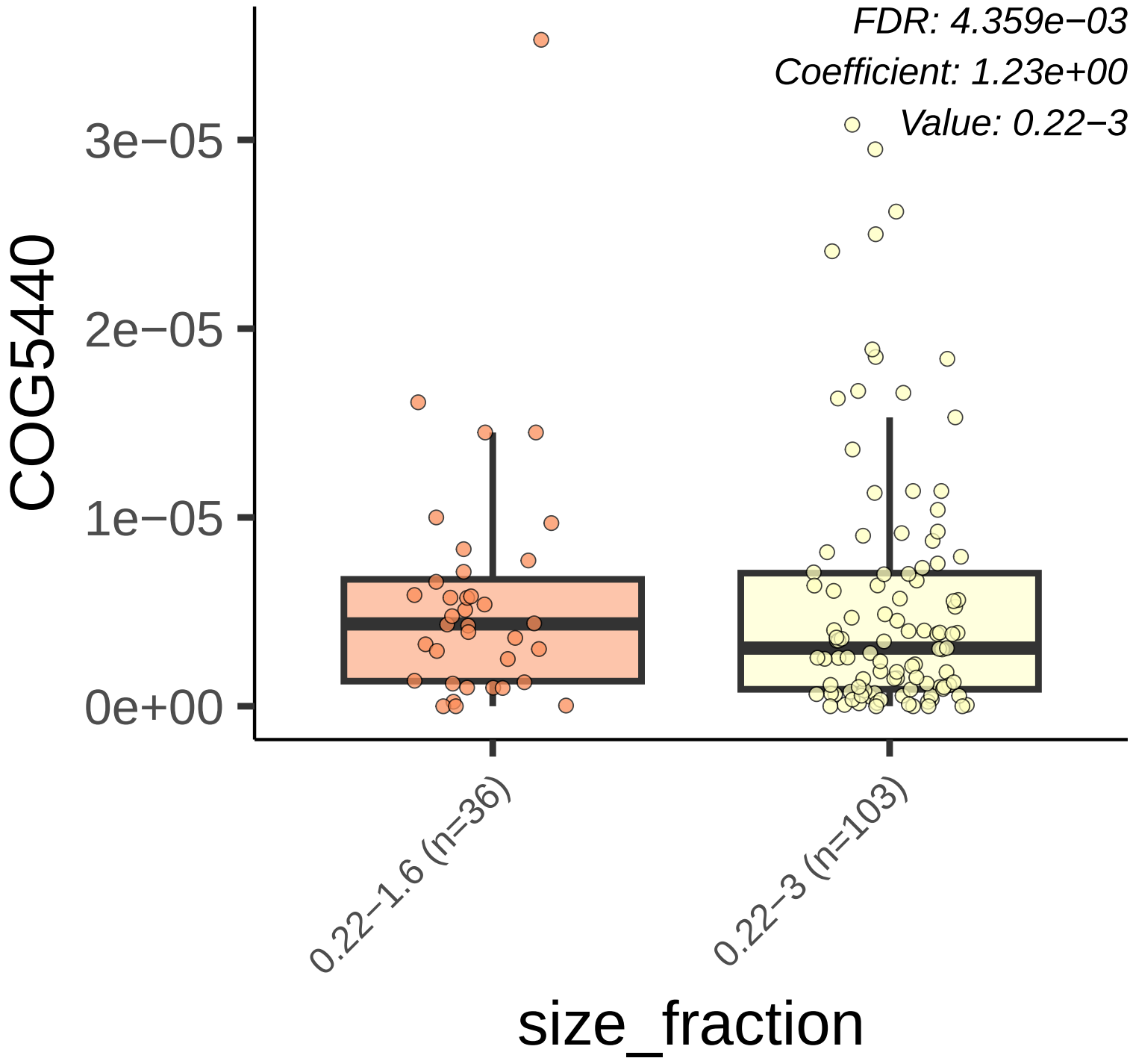

FDR: 3.813e−03
Coefficient: 3.14e+00
Value: 0.22−3
COG3303
3e−05
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

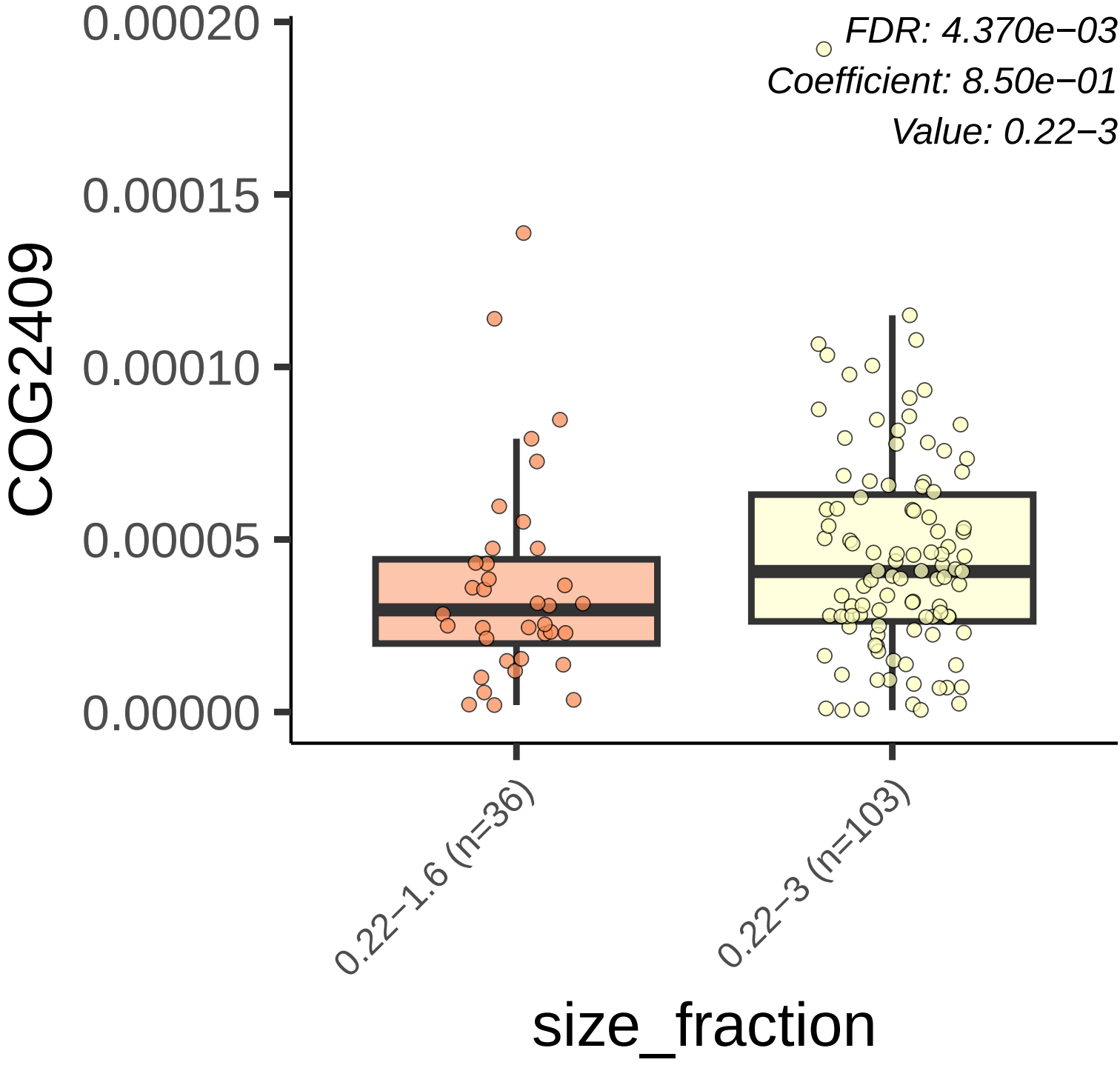

FDR: 4.061e−03
Coefficient: 8.83e−01
Value: 0.22−3
COG2107
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

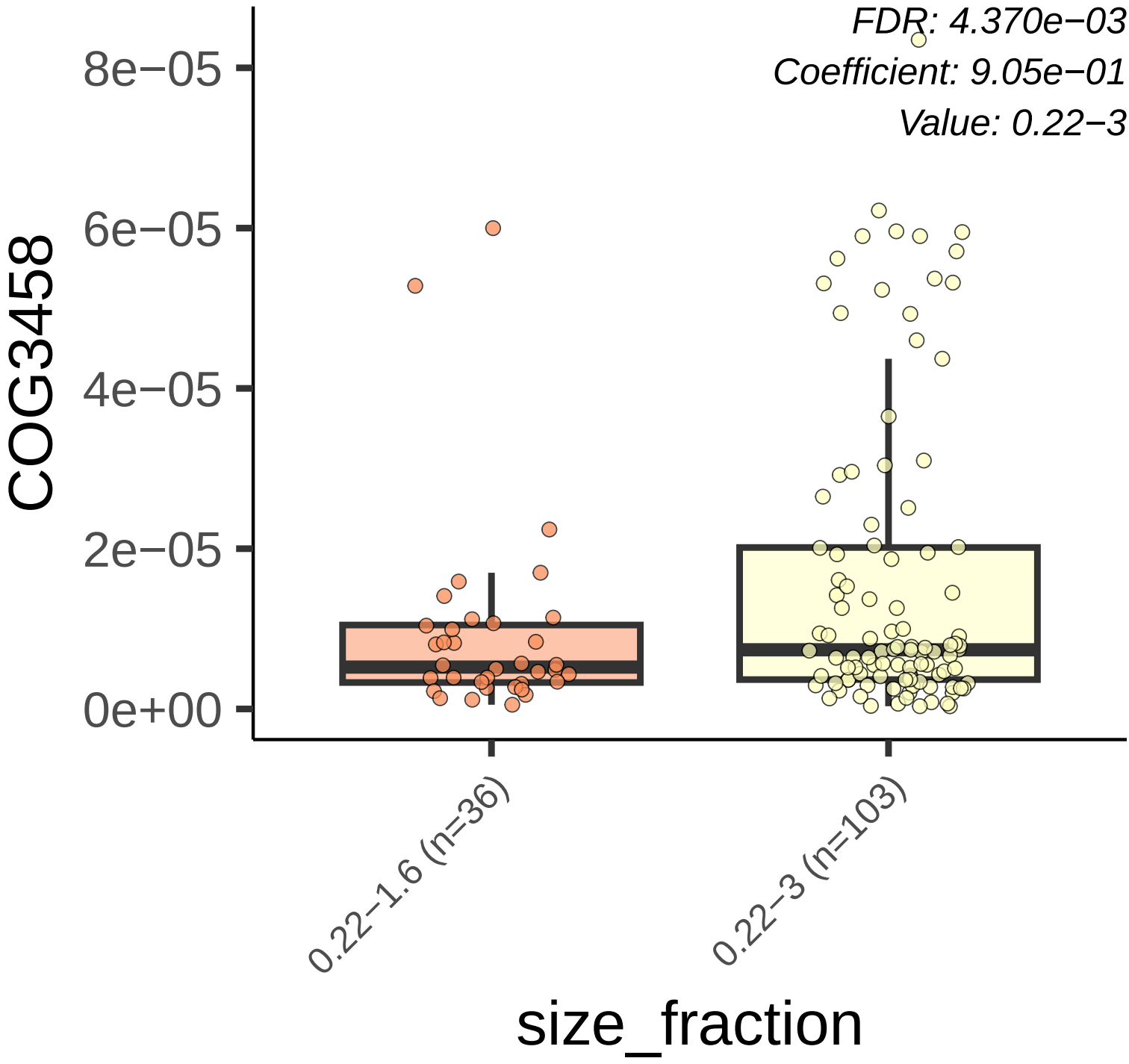

FDR: 4.072e−03
Coefficient: 9.29e−01
Value: 0.22−3
COG1244
9e−05
6e−05
3e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

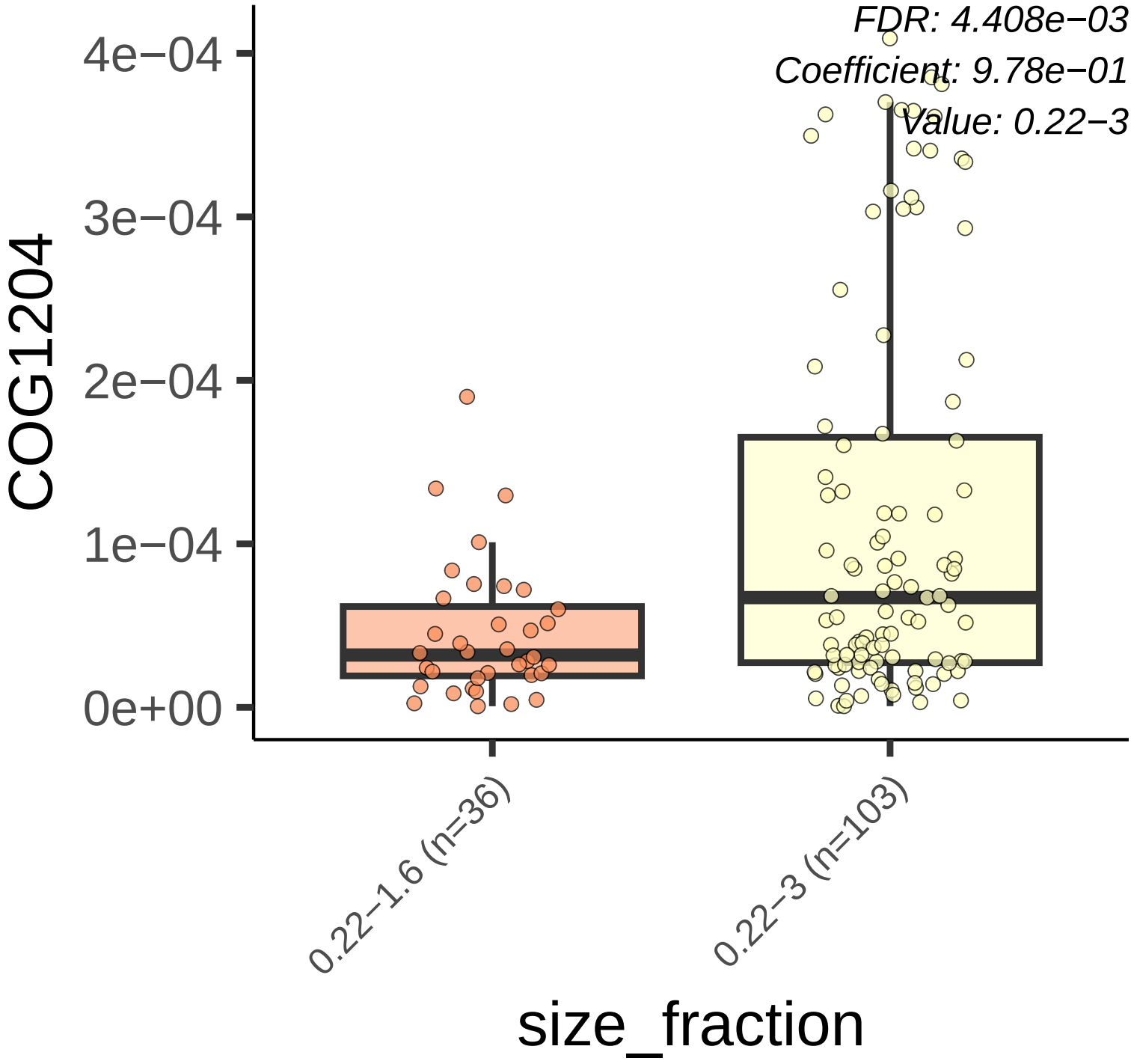

FDR: 4.128e−03
Coefficient: −7.94e−01
Value: 0.22−3
COG3773
3e−04
2e−04
1e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

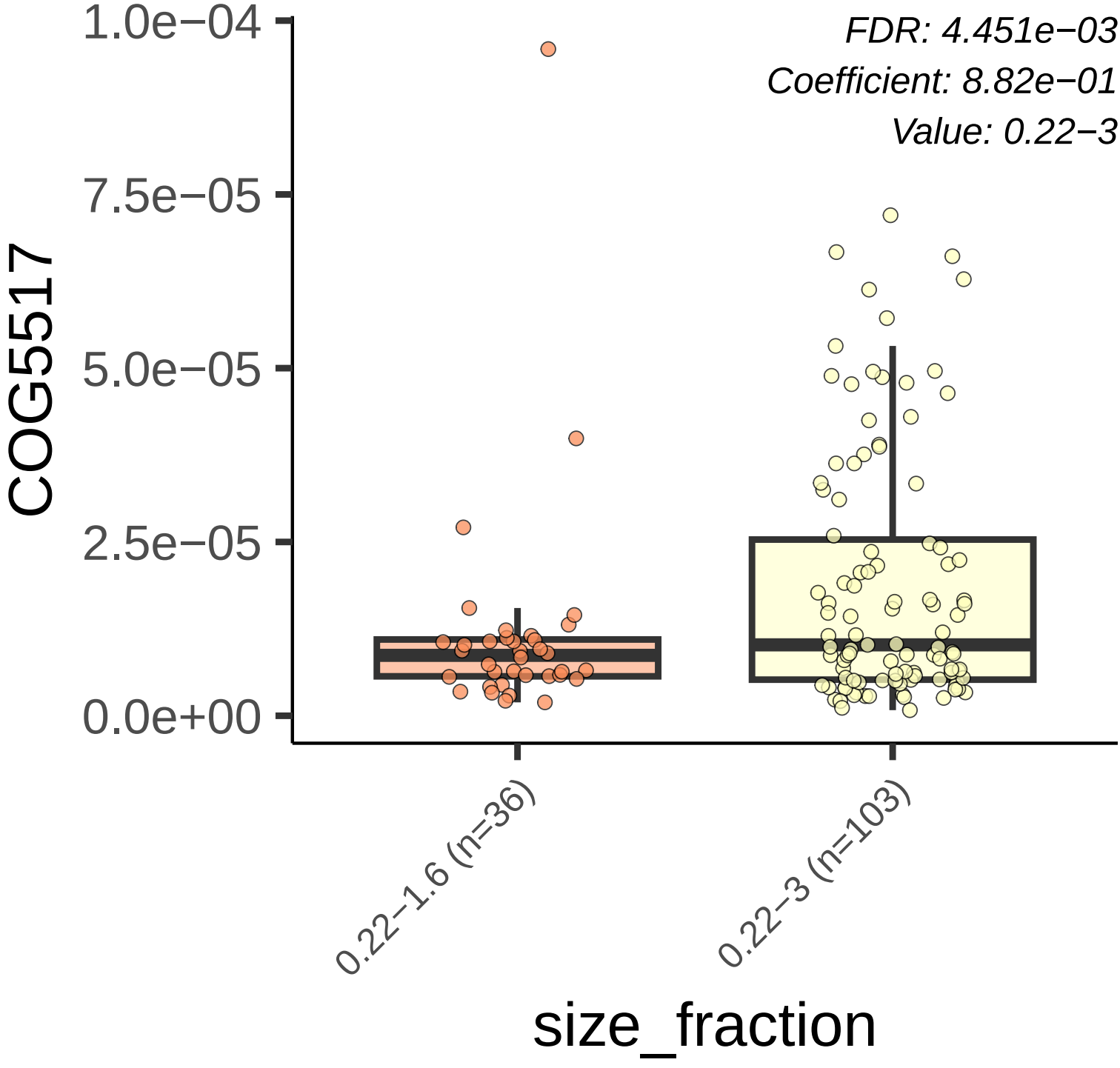

FDR: 4.285e−03
Coefficient: 3.73e−01
Value: 0.22−3
COG1721
5e−04
4e−04
3e−04
2e−04
1e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

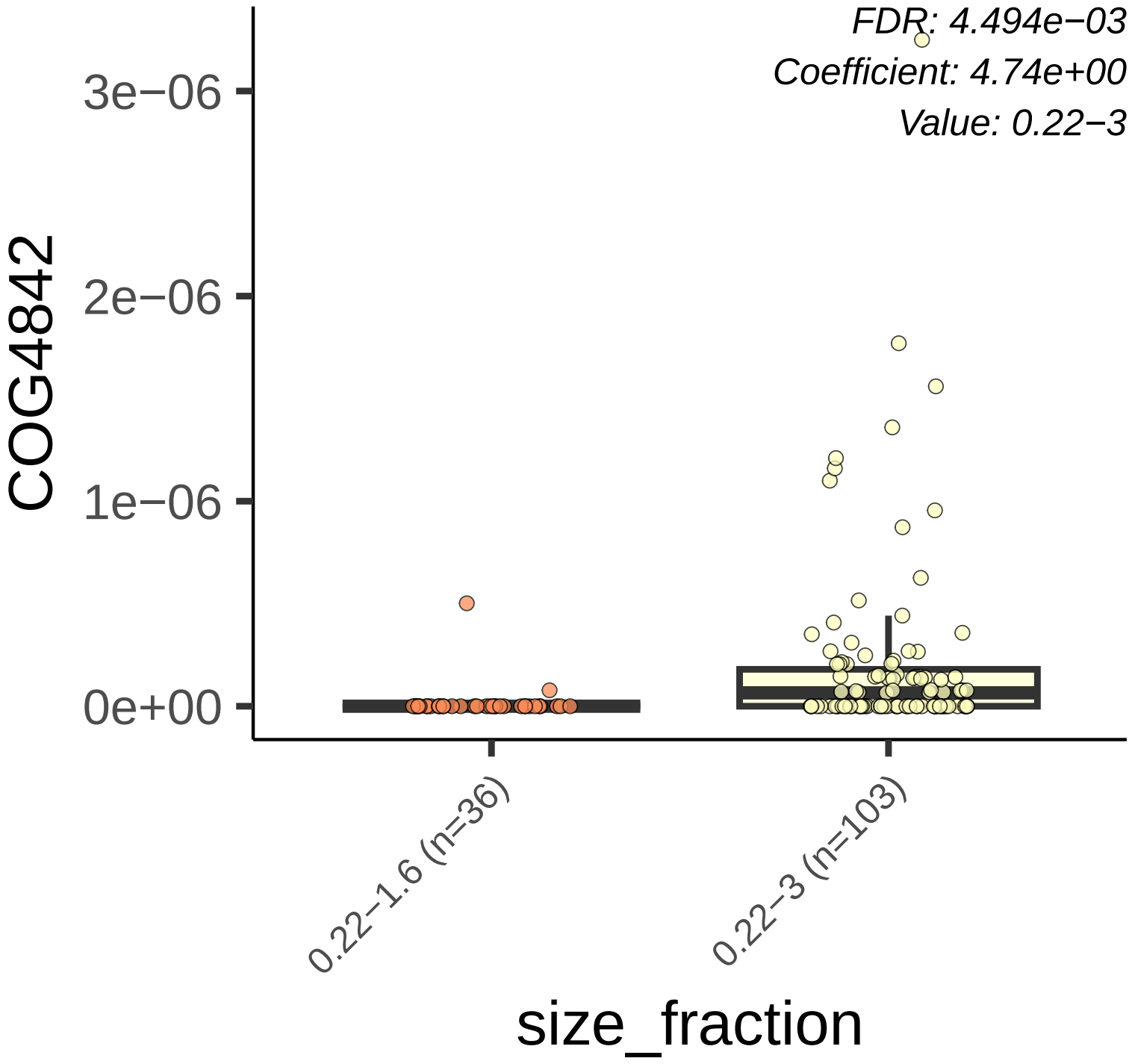

FDR: 4.359e−03
Coefficient: 1.23e+00
Value: 0.22−3
COG5440
3e−05
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

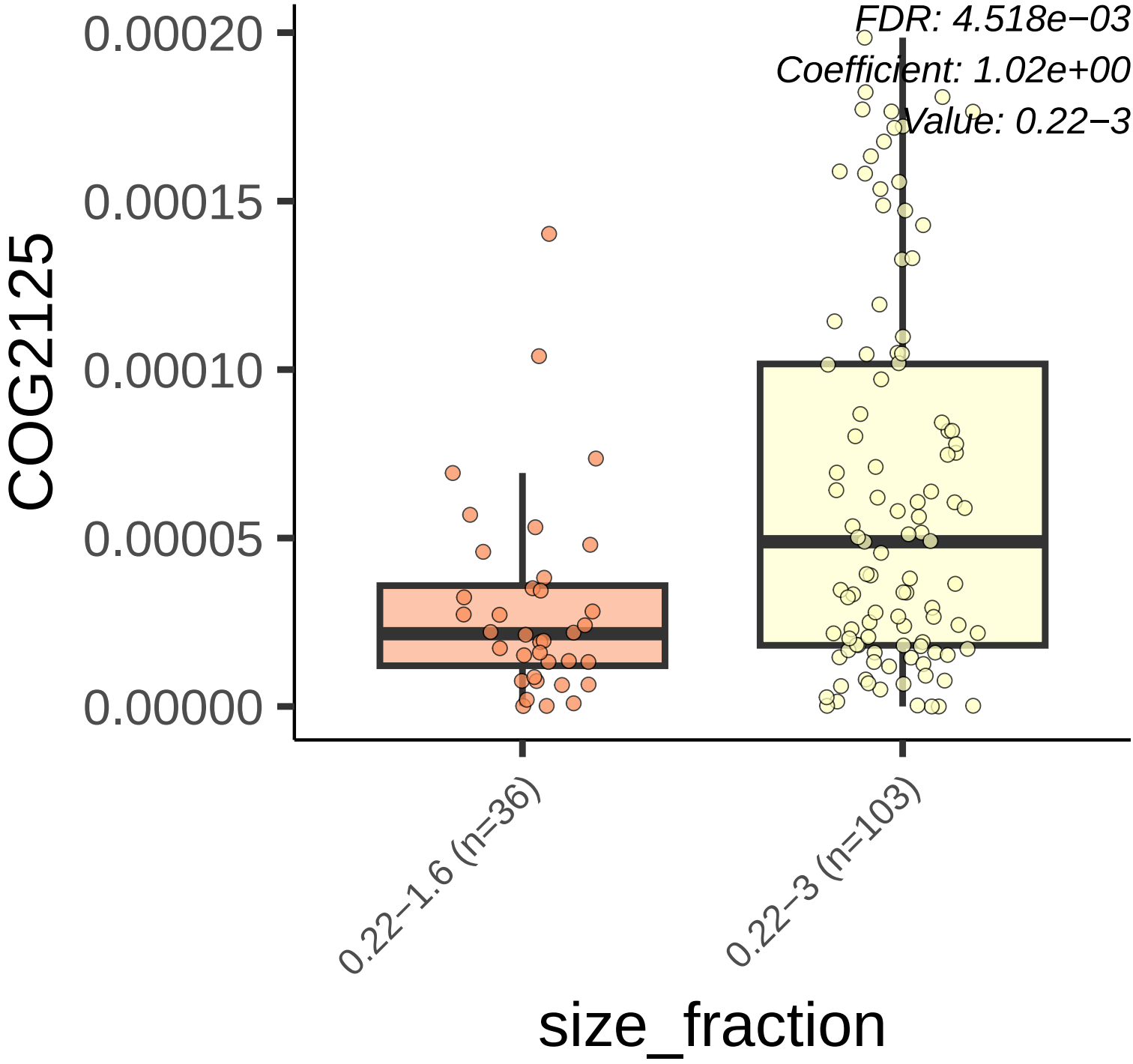

FDR: 4.370e−03
Coefficient: 8.50e−01
Value: 0.22−3
COG2409
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

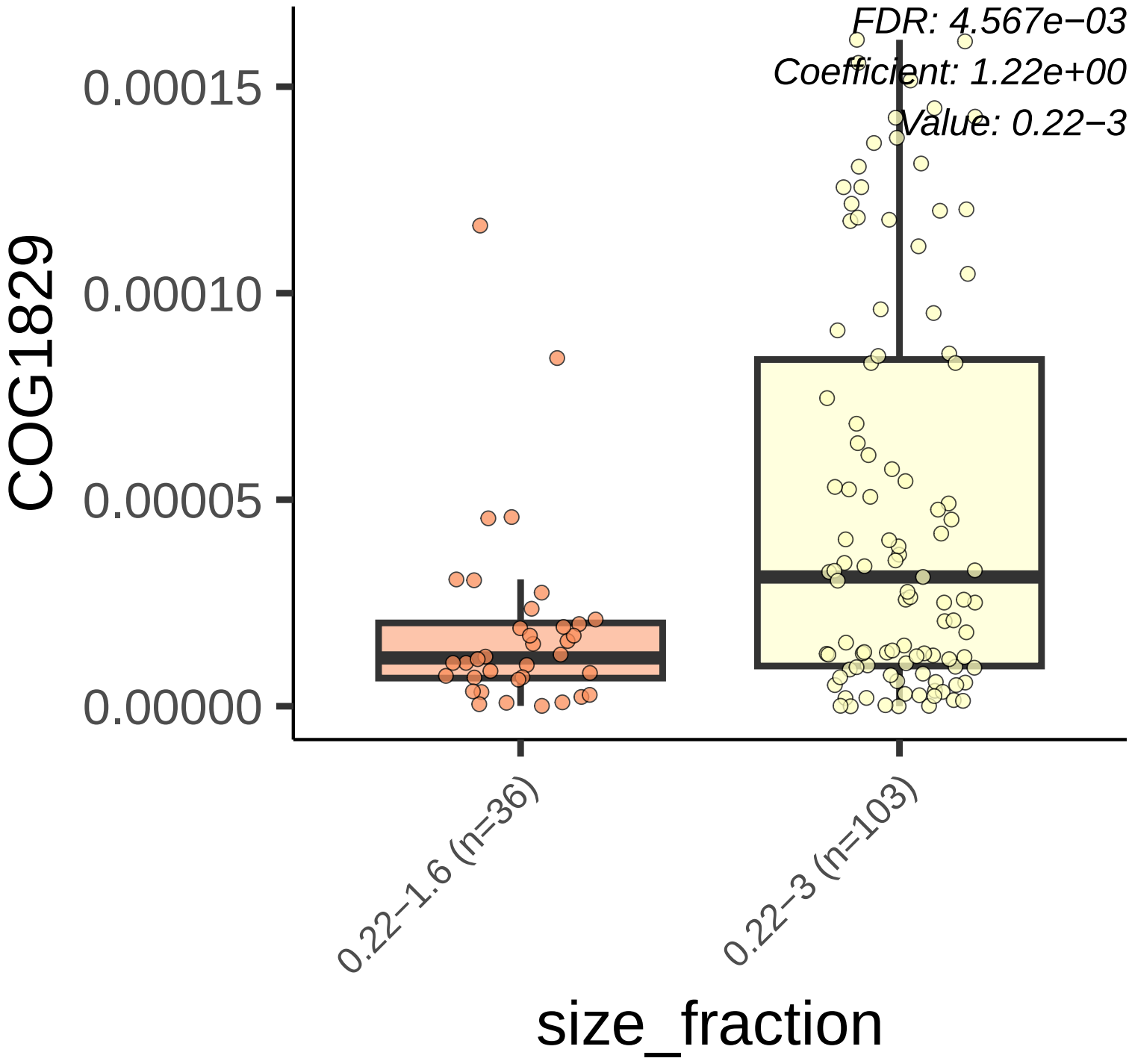

FDR: 4.370e−03
Coefficient: 9.05e−01
Value: 0.22−3
COG3458
8e−05
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

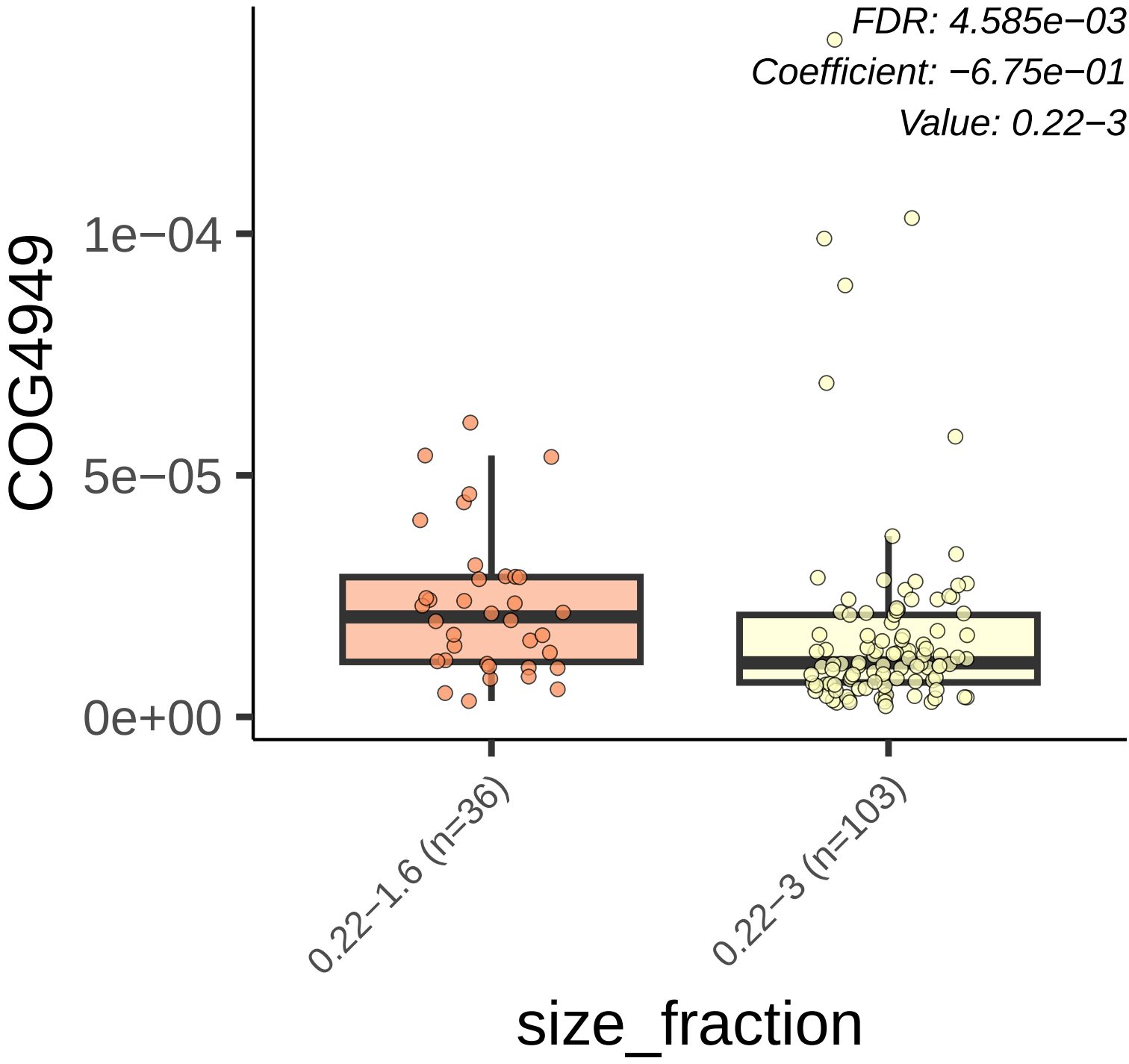

FDR: 4.408e−03
Coefficient: 9.78e−01
Value: 0.22−3
COG1204
4e−04
3e−04
2e−04
1e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

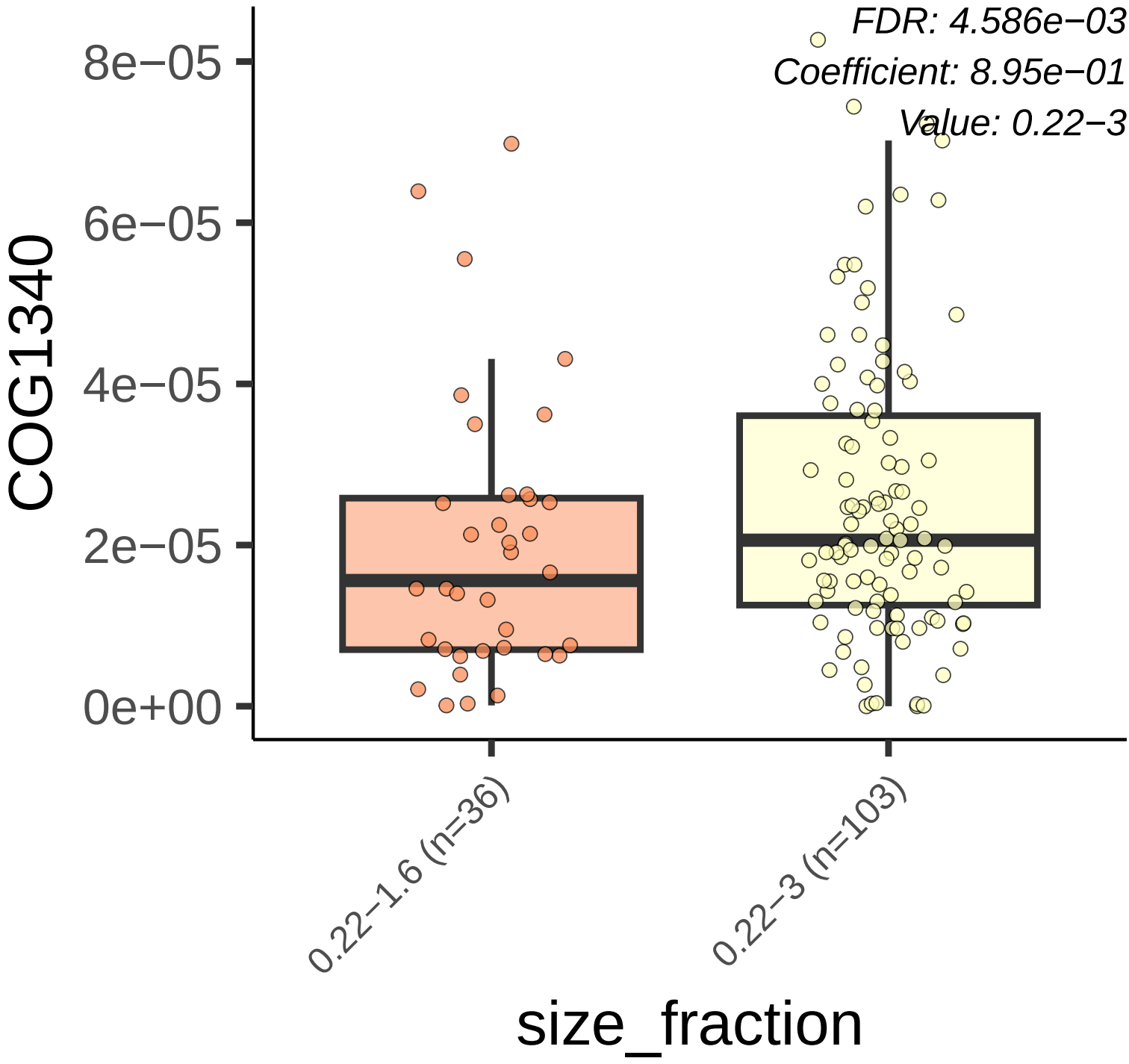

FDR: 4.451e−03
Coefficient: 8.82e−01
Value: 0.22−3
1.0e−04
7.5e−05
5.0e−05
2.5e−05
0.0e+00
COG5517
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

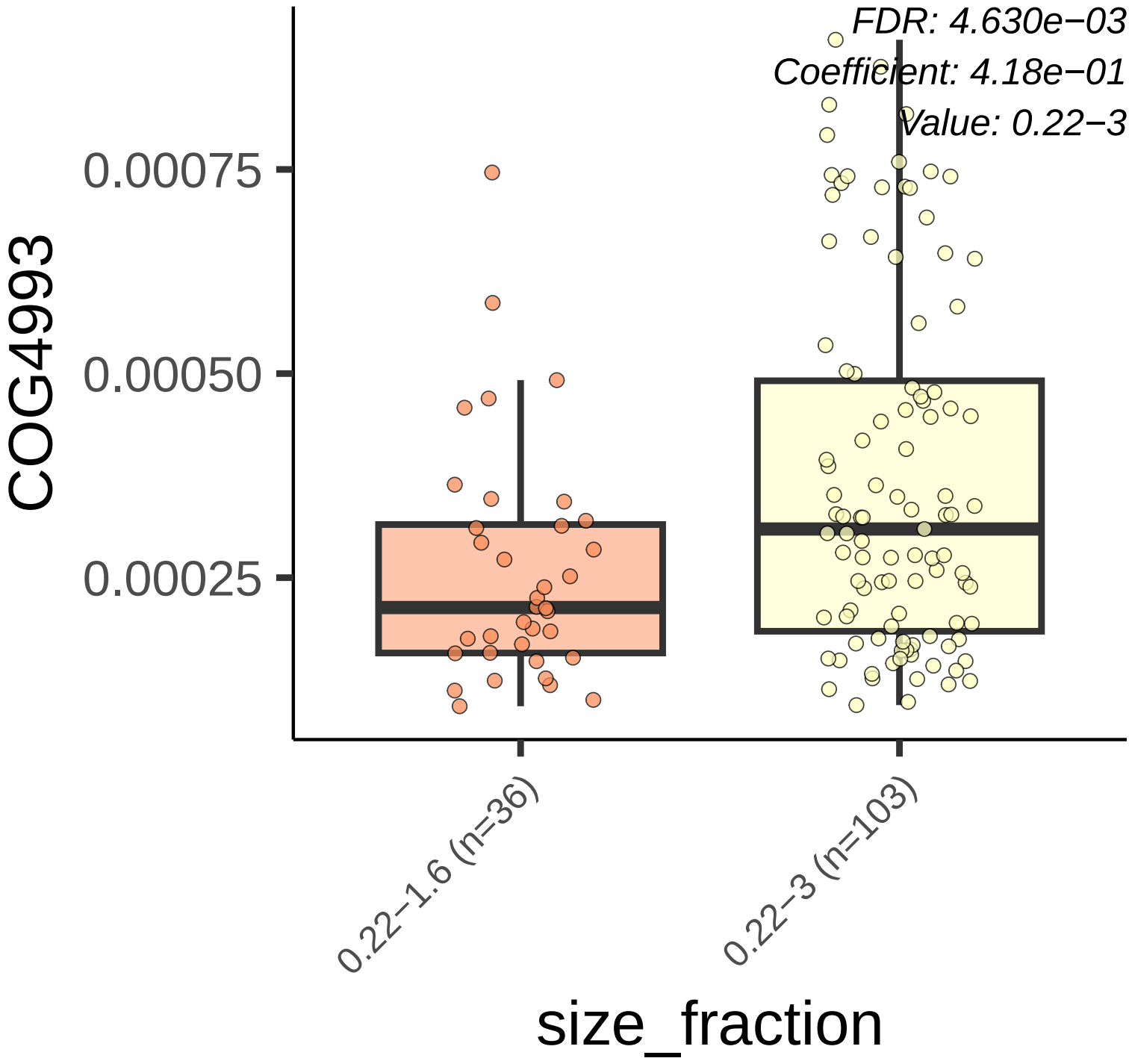

FDR: 4.494e−03
Coefficient: 4.74e+00
Value: 0.22−3
COG4842
3e−06
2e−06
1e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

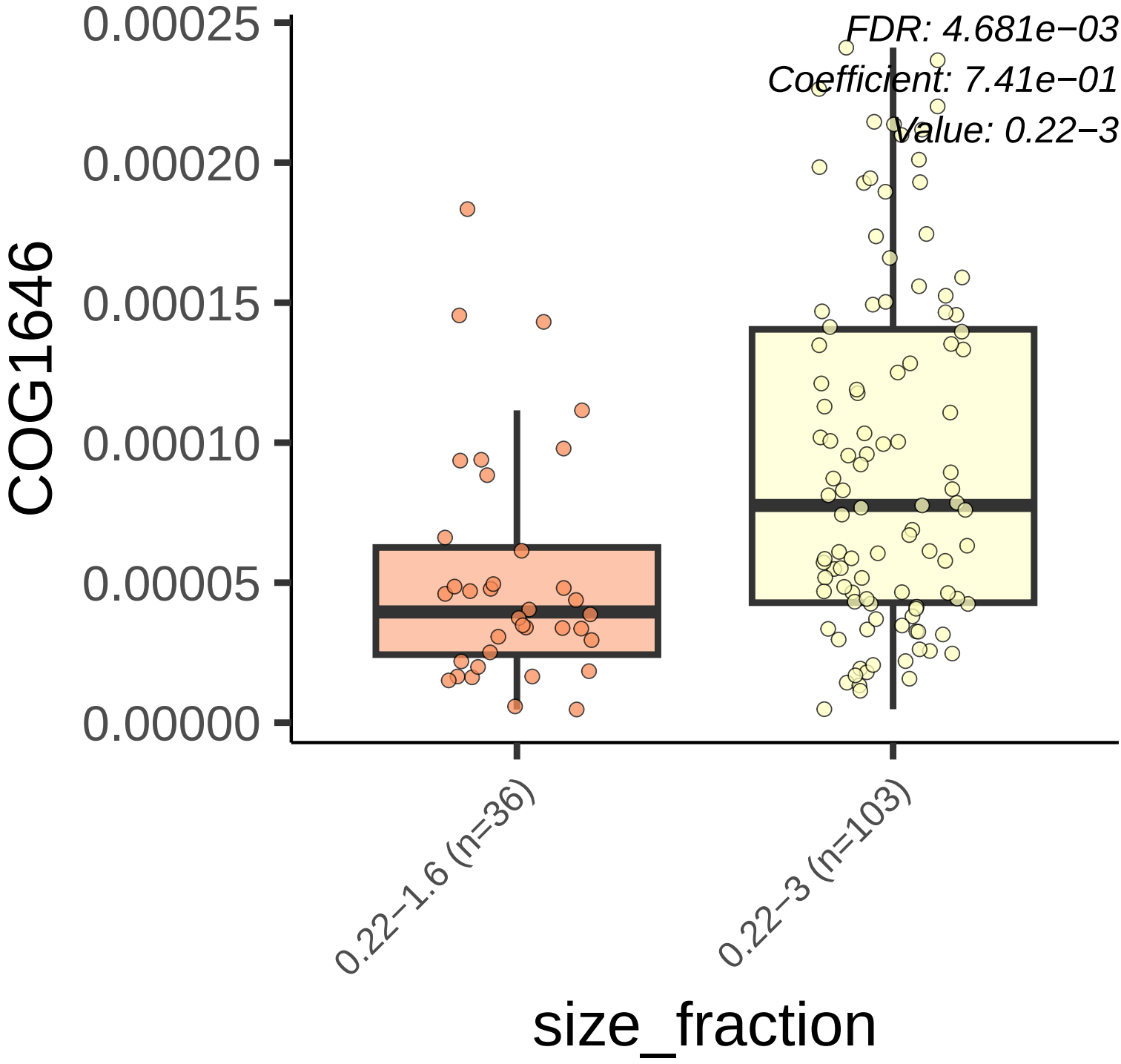

FDR: 4.518e−03
Coefficient: 1.02e+00
Value: 0.22−3
COG2125
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

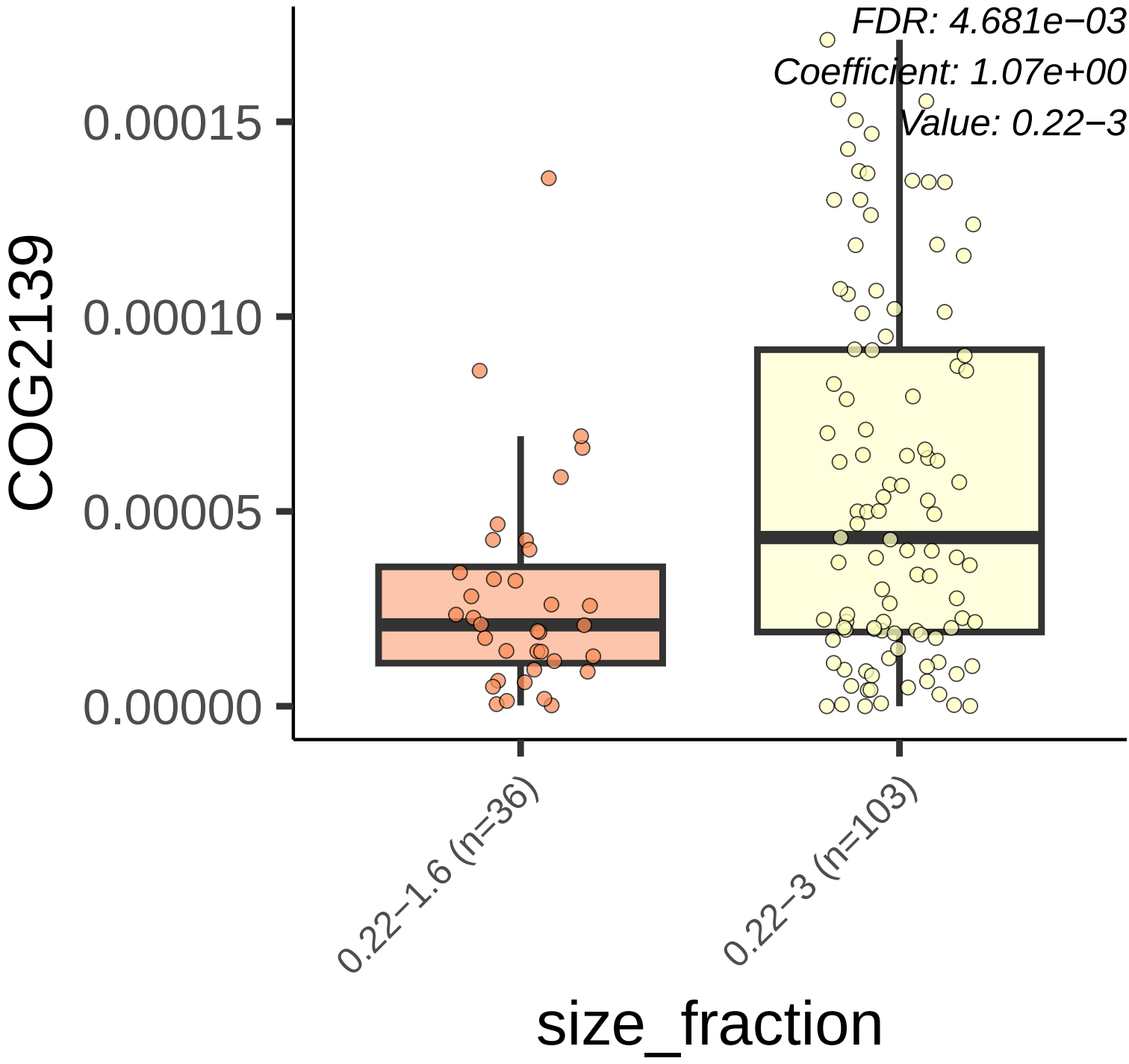

FDR: 4.567e−03
Coefficient: 1.22e+00
Value: 0.22−3
COG1829
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

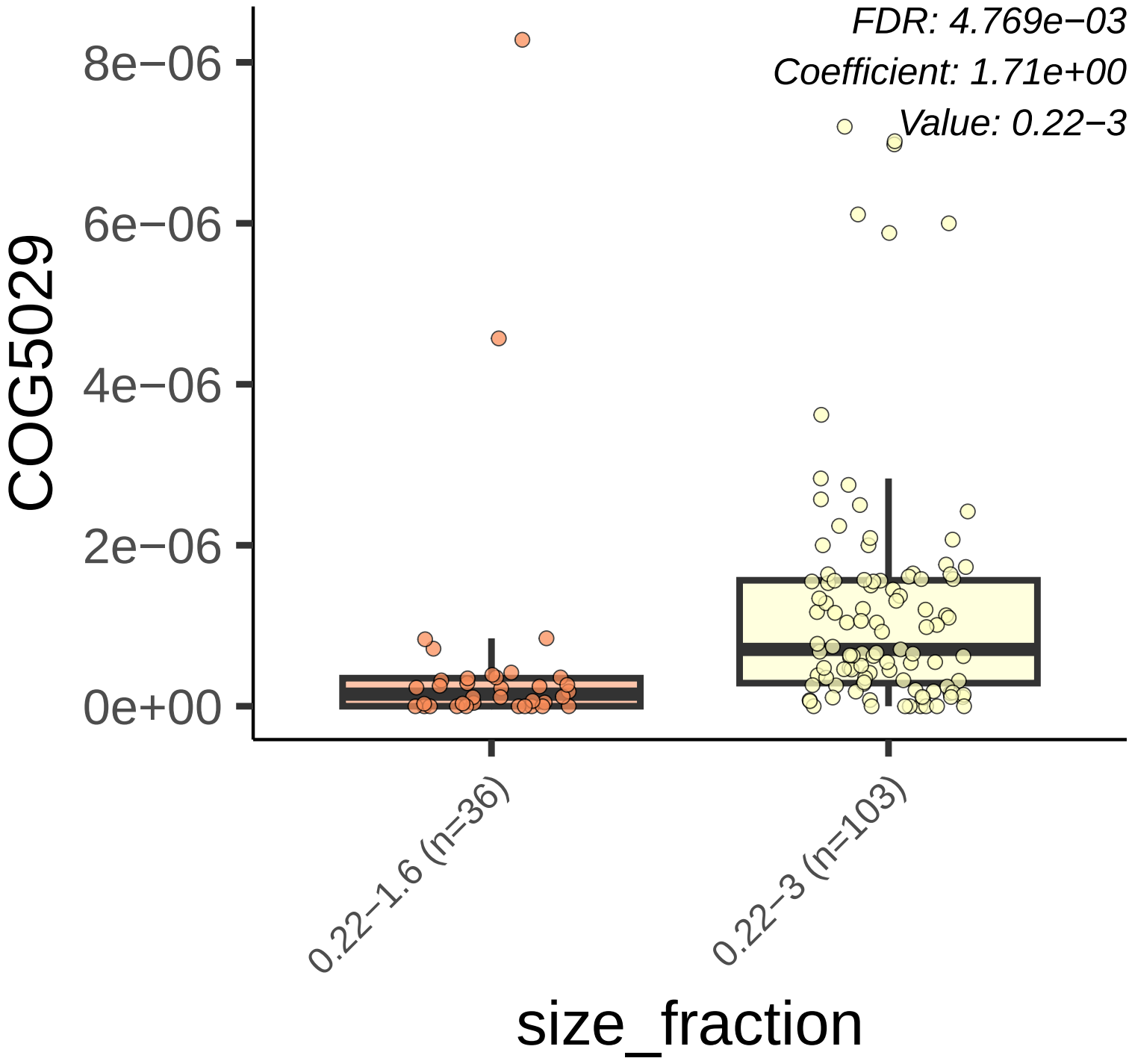

FDR: 4.585e−03
Coefficient: −6.75e−01
Value: 0.22−3
COG4949
1e−04
5e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

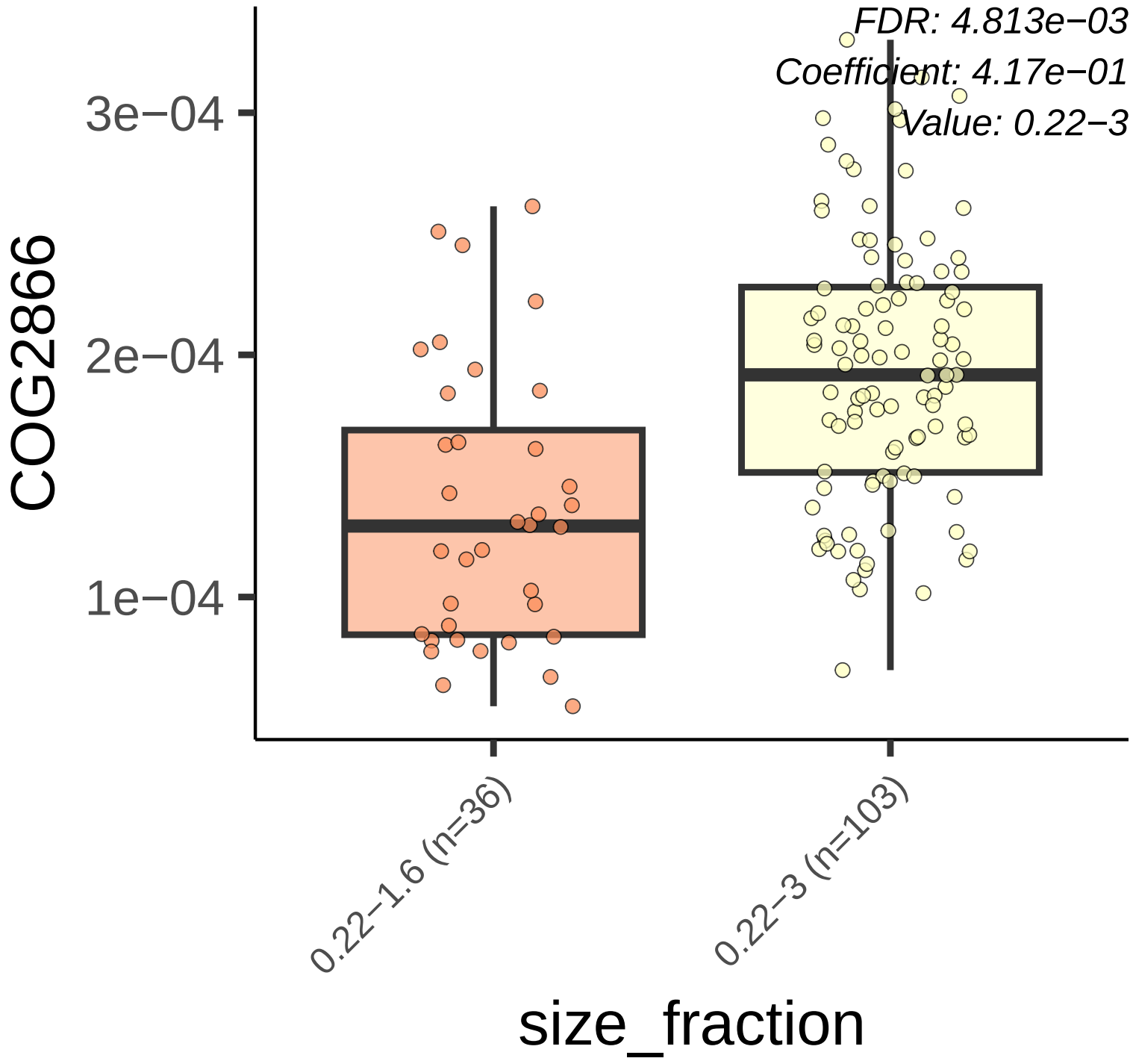

FDR: 4.586e−03
Coefficient: 8.95e−01
Value: 0.22−3
COG1340
8e−05
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

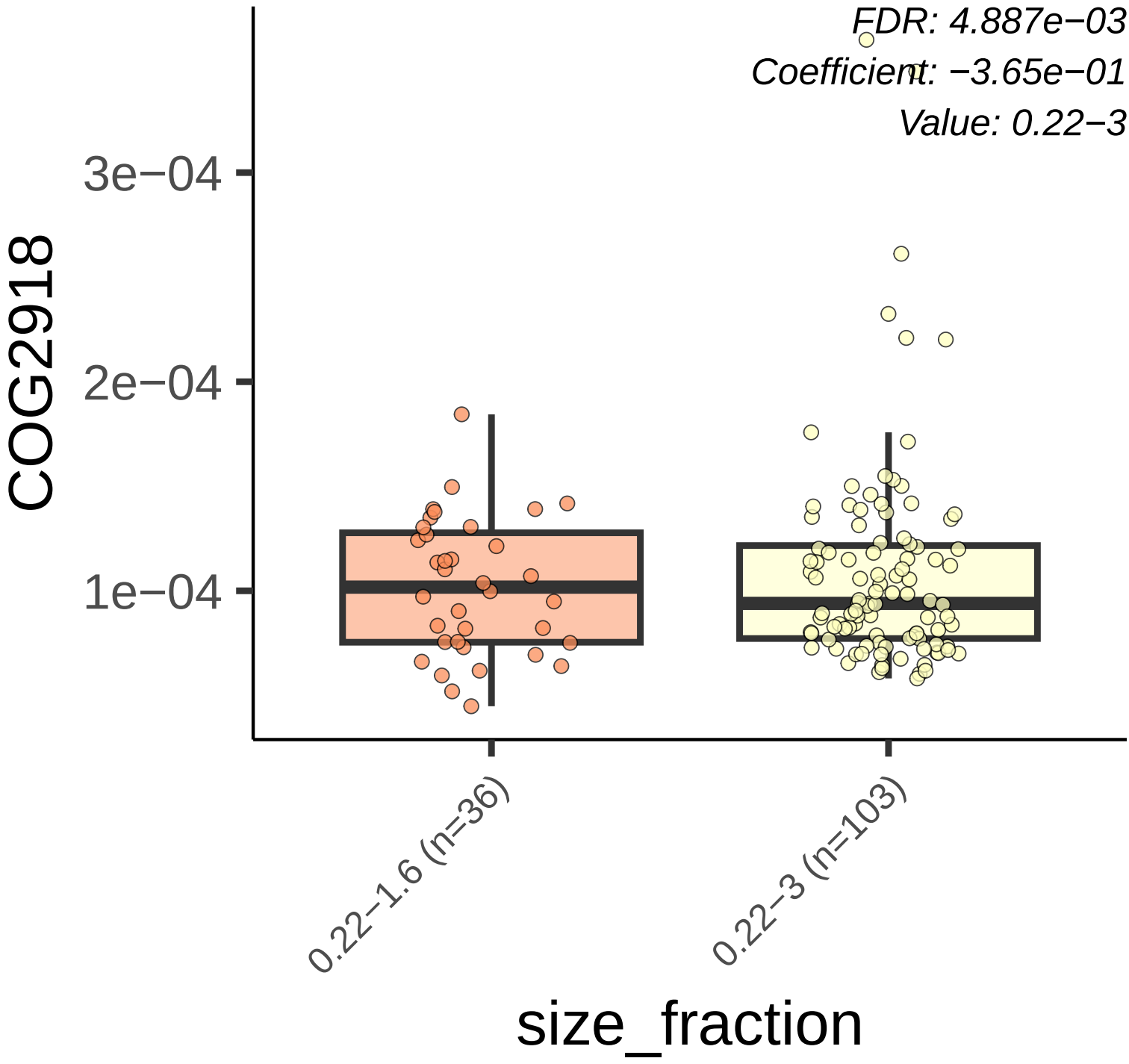

FDR: 4.630e−03
Coefficient: 4.18e−01
Value: 0.22−3
COG4993
0.00075
0.00050
0.00025
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

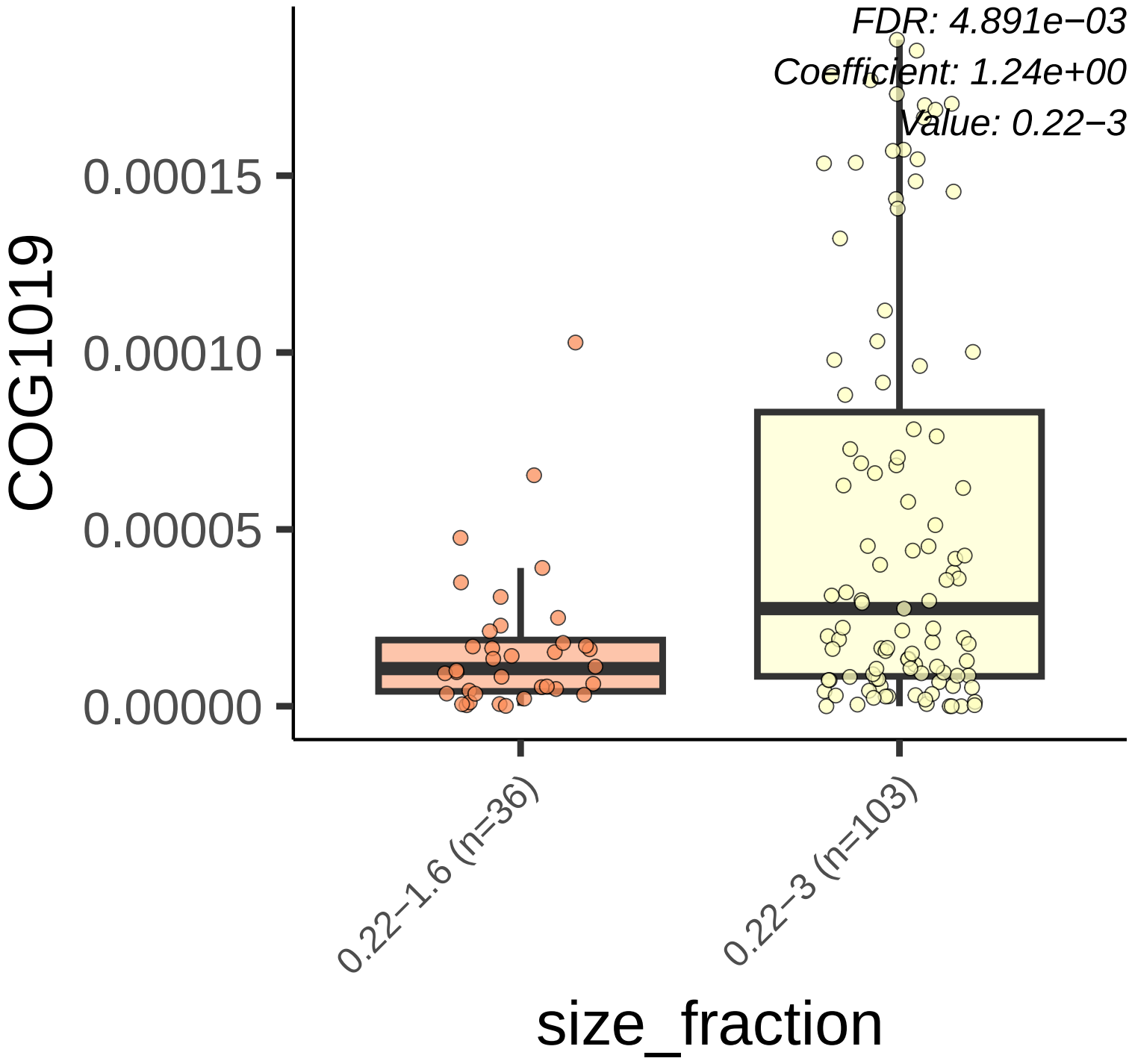

FDR: 4.681e−03
Coefficient: 7.41e−01
Value: 0.22−3
COG1646
0.00025
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

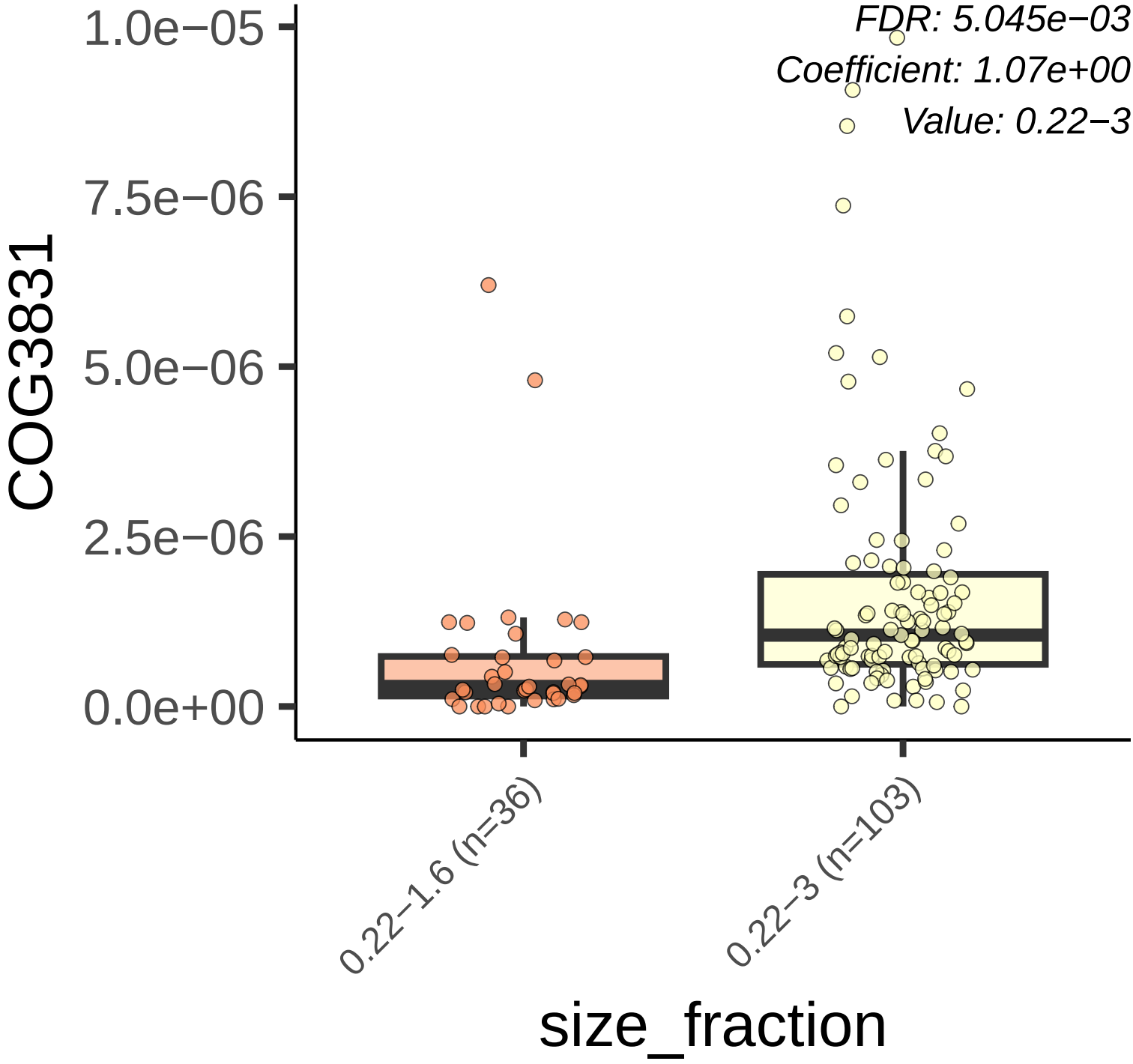

FDR: 4.681e−03
Coefficient: 1.07e+00
Value: 0.22−3
COG2139
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

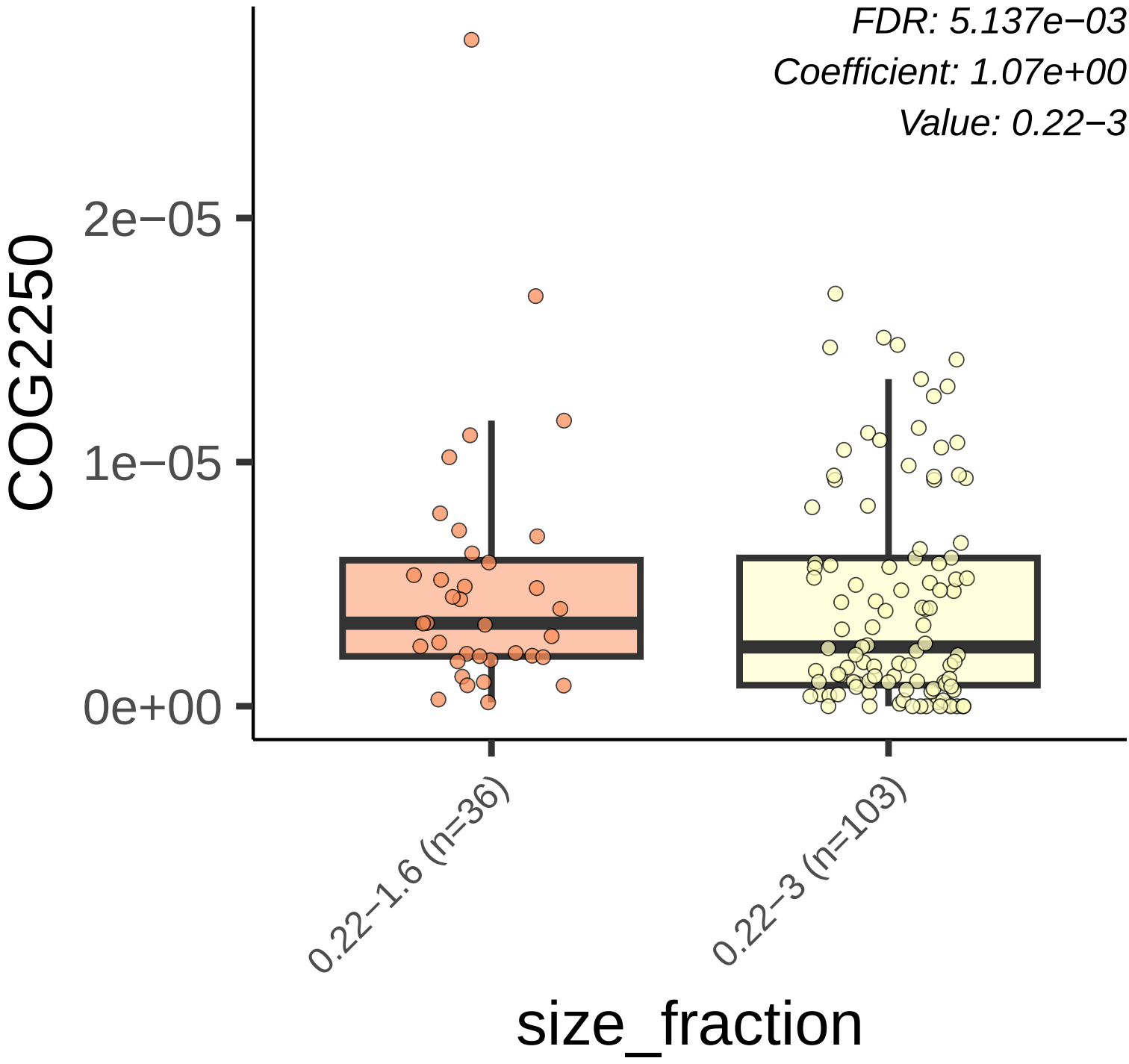

FDR: 4.769e−03
Coefficient: 1.71e+00
Value: 0.22−3
COG5029
8e−06
6e−06
4e−06
2e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

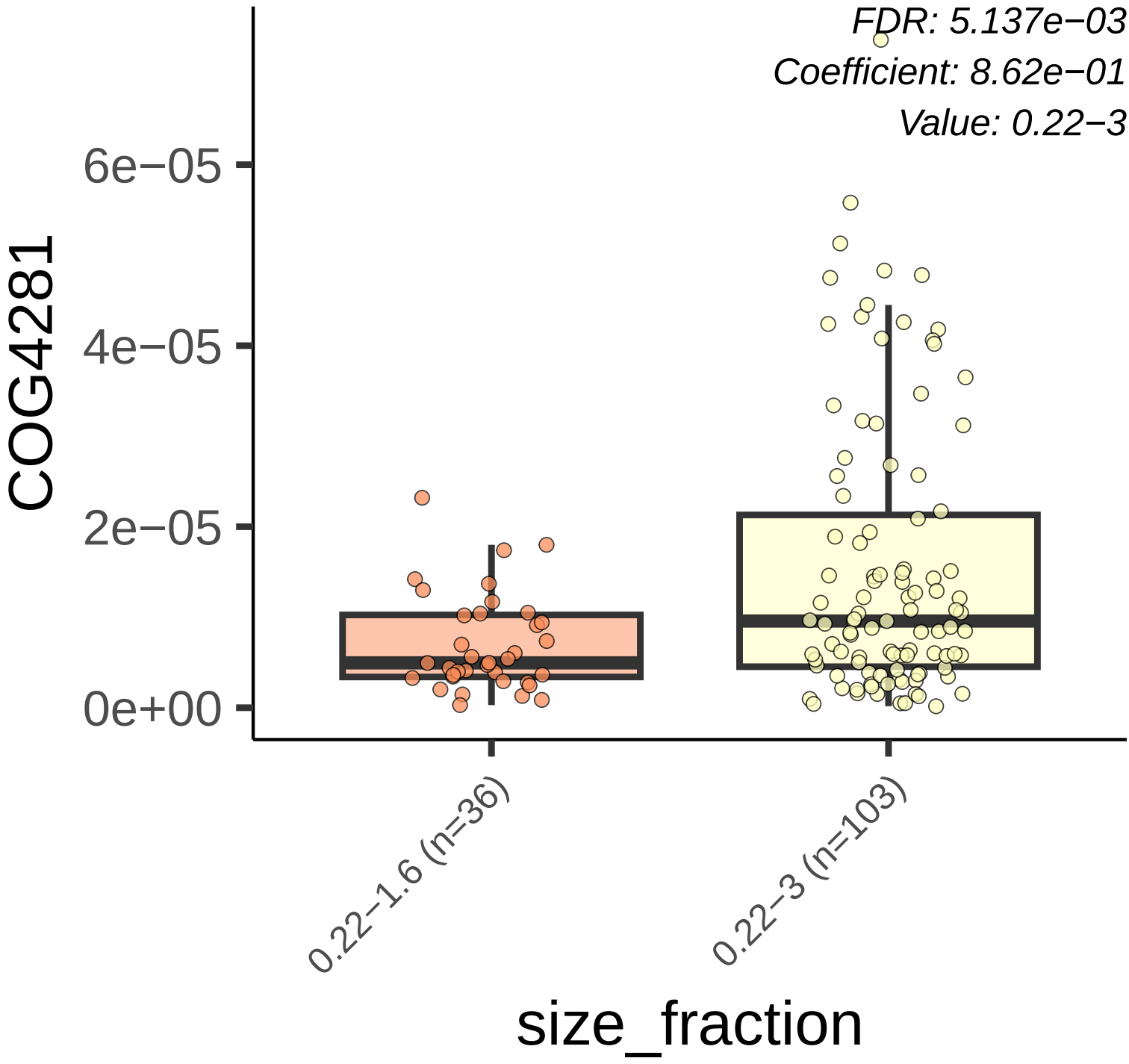

FDR: 4.813e−03
Coefficient: 4.17e−01
Value: 0.22−3
COG2866
3e−04
2e−04
1e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

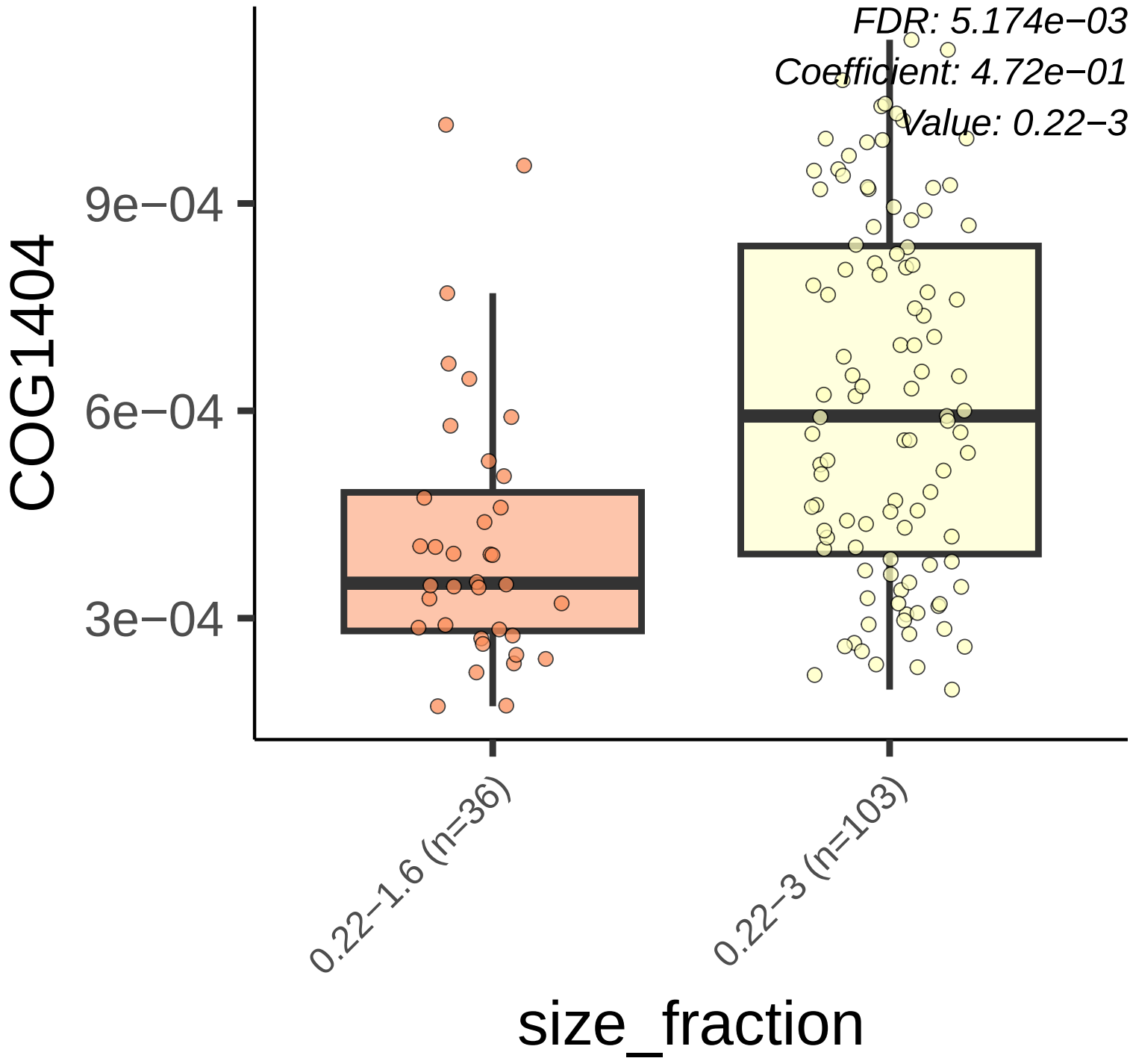

FDR: 4.887e−03
Coefficient: −3.65e−01
Value: 0.22−3
COG2918
3e−04
2e−04
1e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

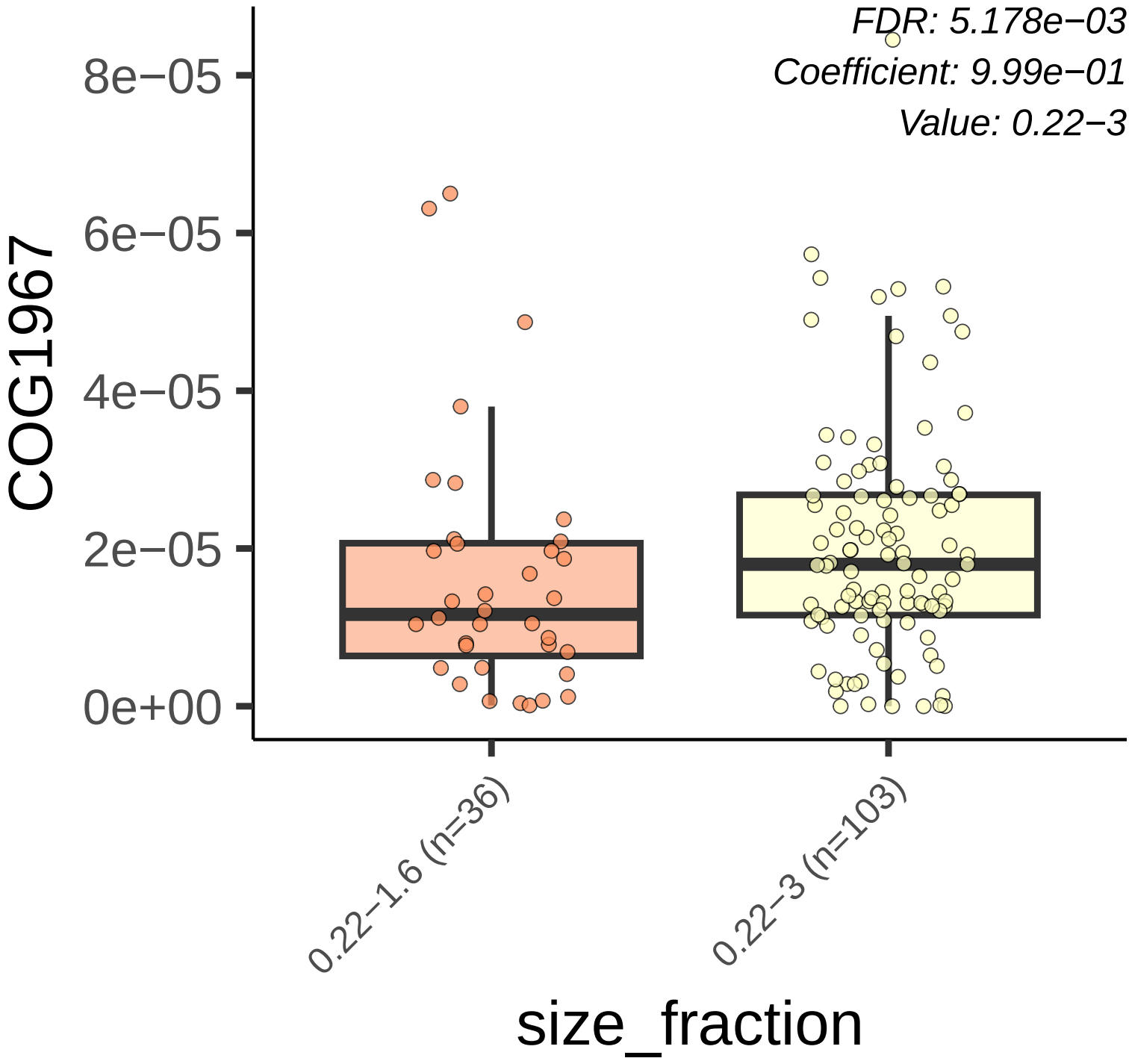

FDR: 4.891e−03
Coefficient: 1.24e+00
Value: 0.22−3
COG1019
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

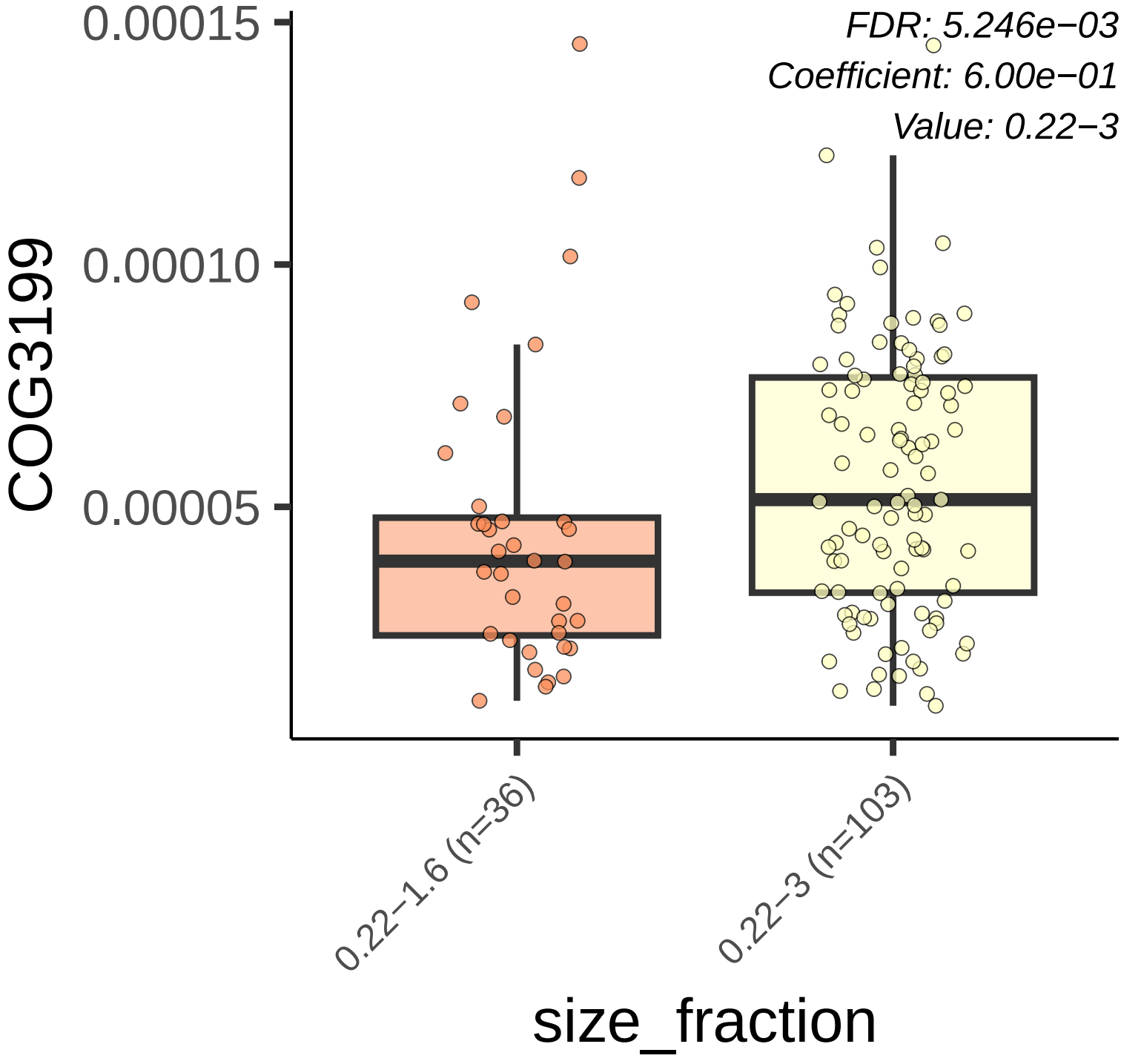

FDR: 5.045e−03
Coefficient: 1.07e+00
Value: 0.22−3
1.0e−05
7.5e−06
5.0e−06
2.5e−06
0.0e+00
COG3831
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

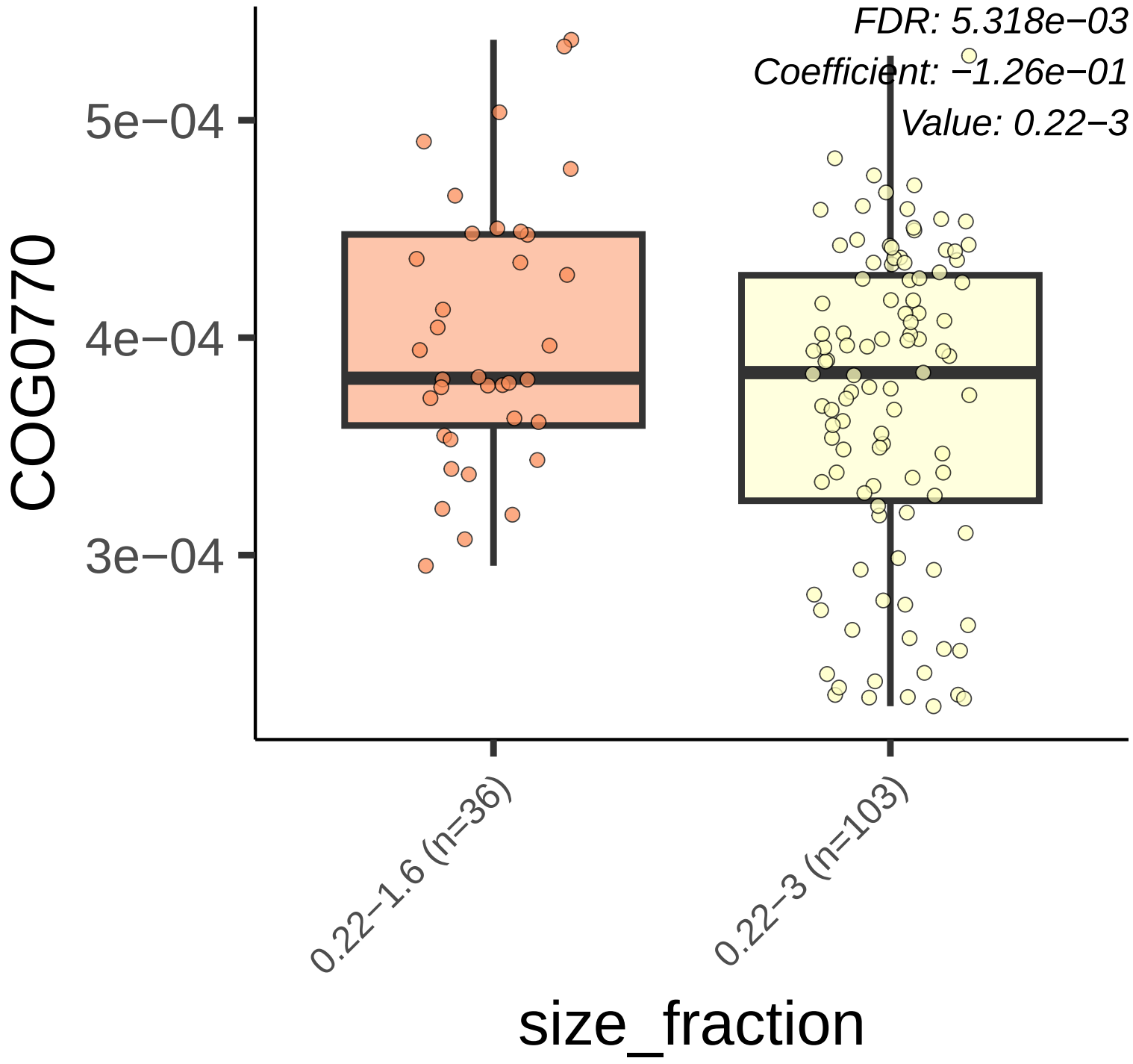

FDR: 5.137e−03
Coefficient: 1.07e+00
Value: 0.22−3
COG2250
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

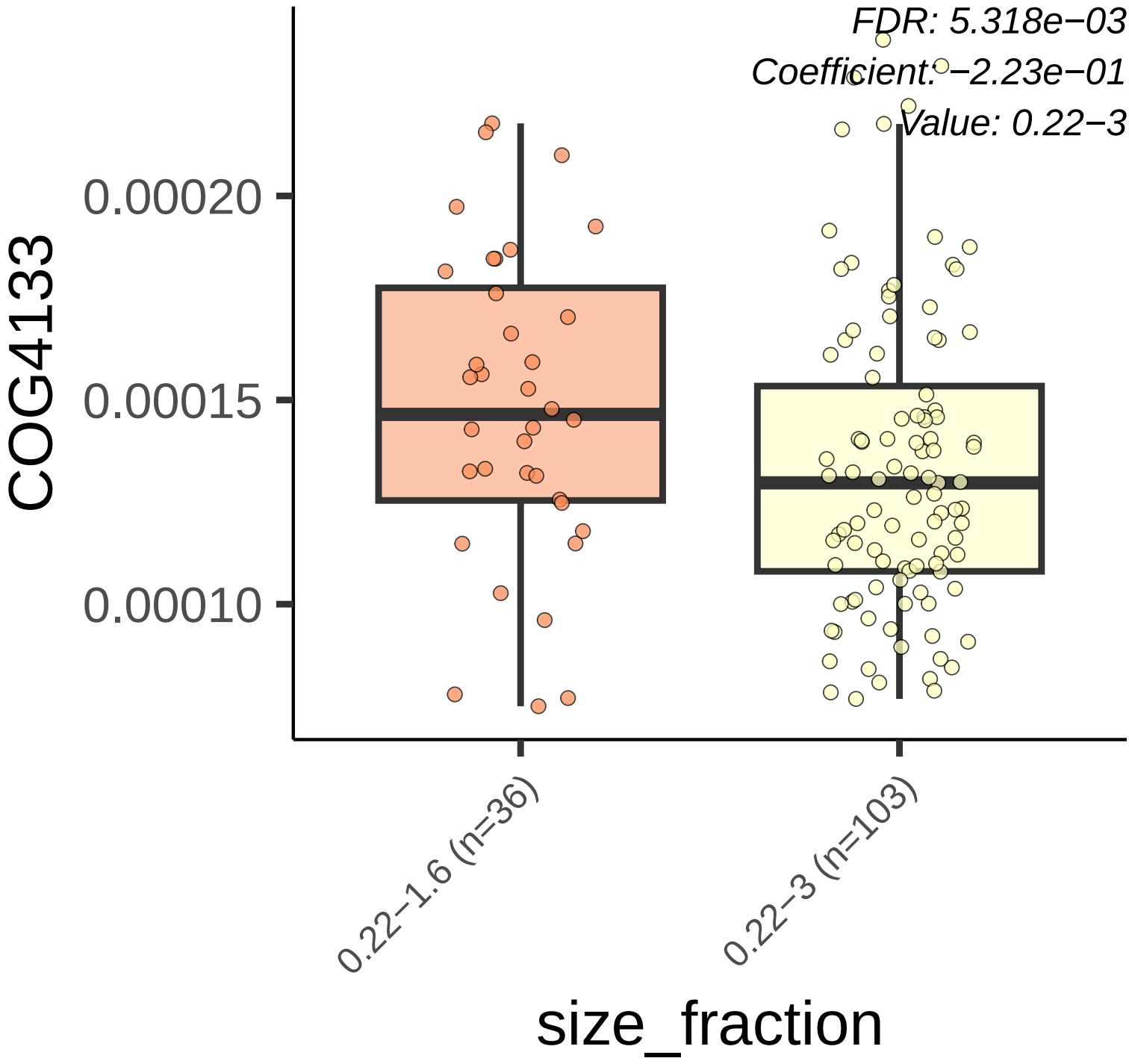

FDR: 5.137e−03
Coefficient: 8.62e−01
Value: 0.22−3
COG4281
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

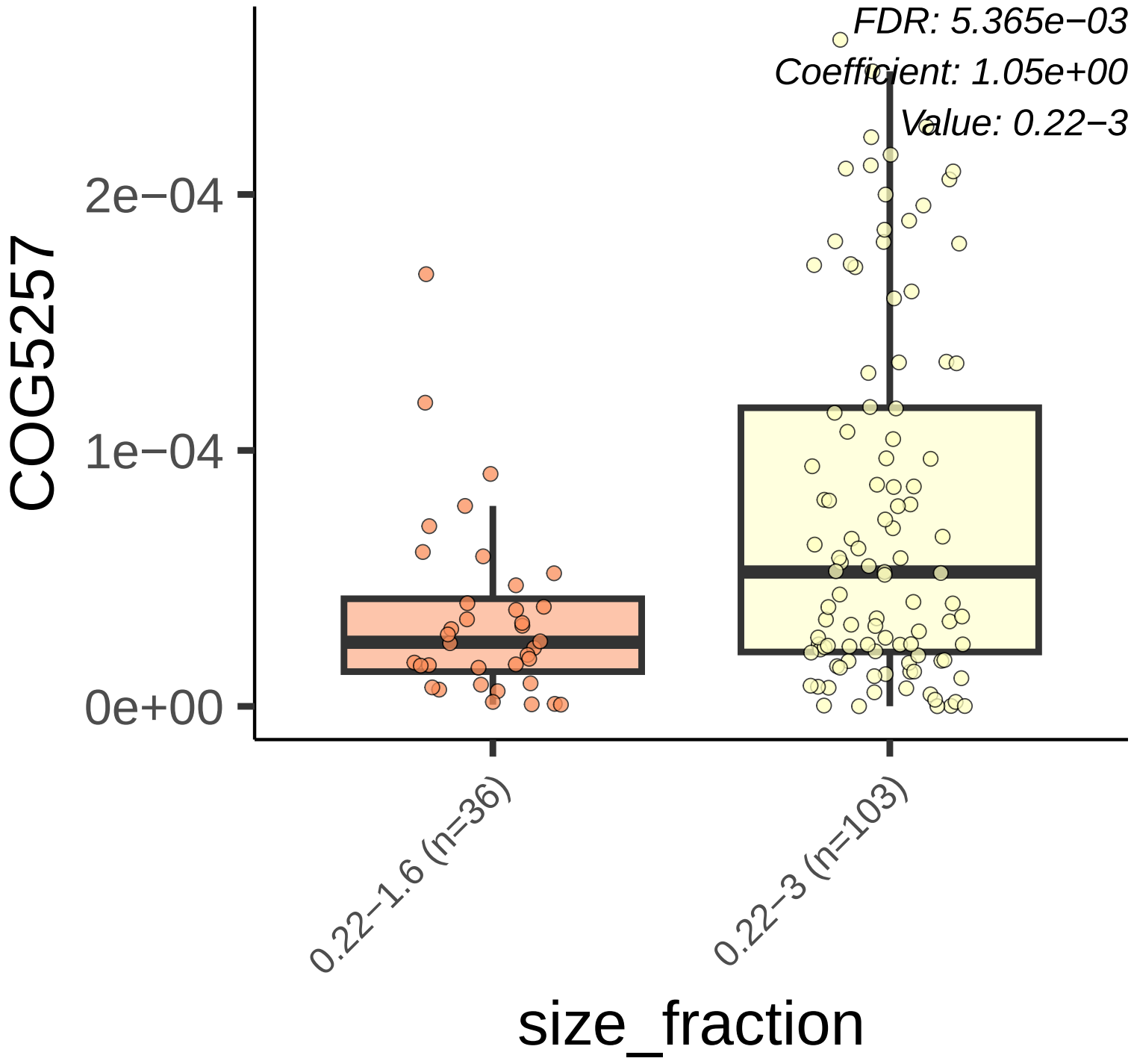

FDR: 5.174e−03
Coefficient: 4.72e−01
Value: 0.22−3
COG1404
9e−04
6e−04
3e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

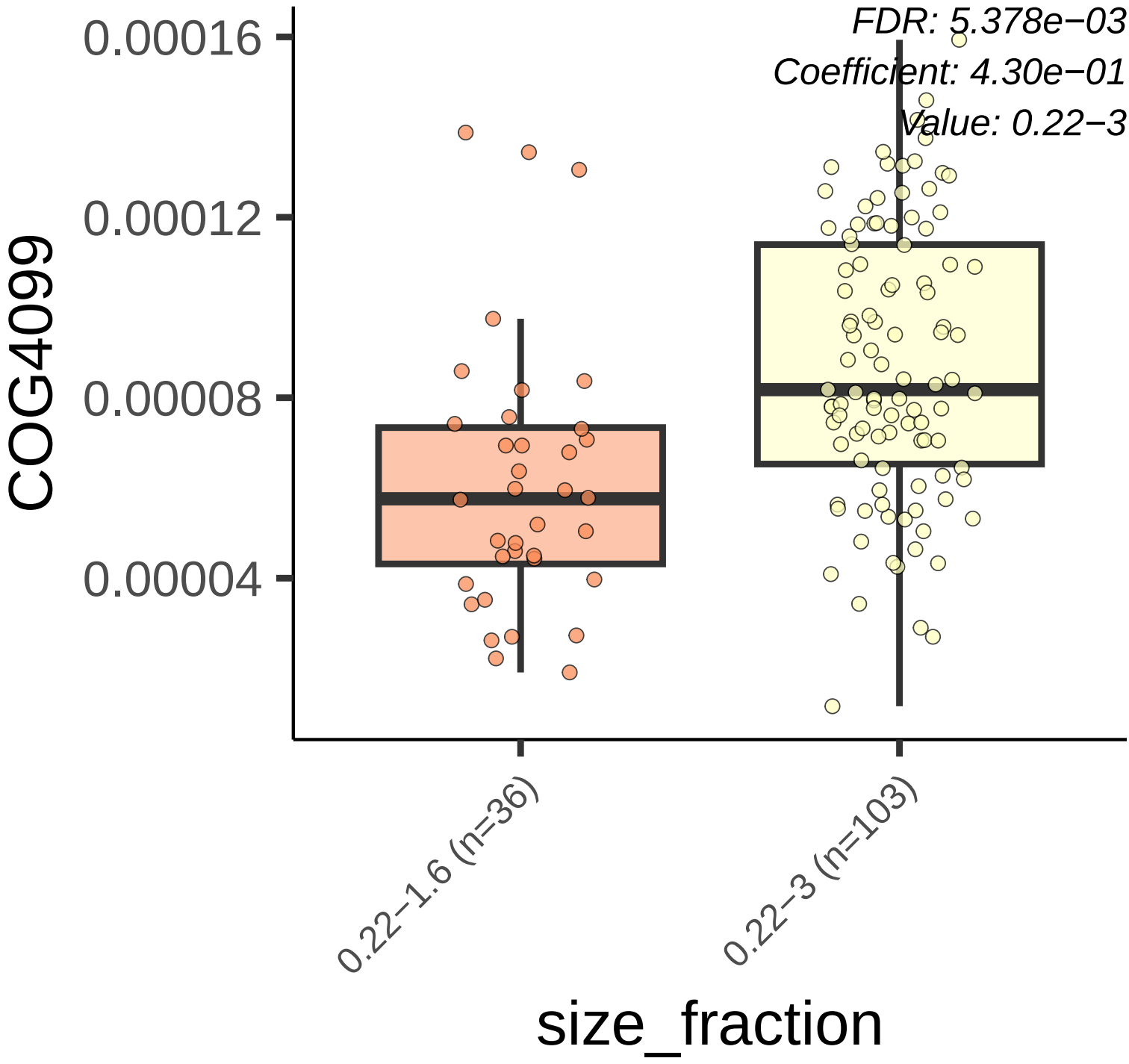

FDR: 5.178e−03
Coefficient: 9.99e−01
Value: 0.22−3
COG1967
8e−05
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

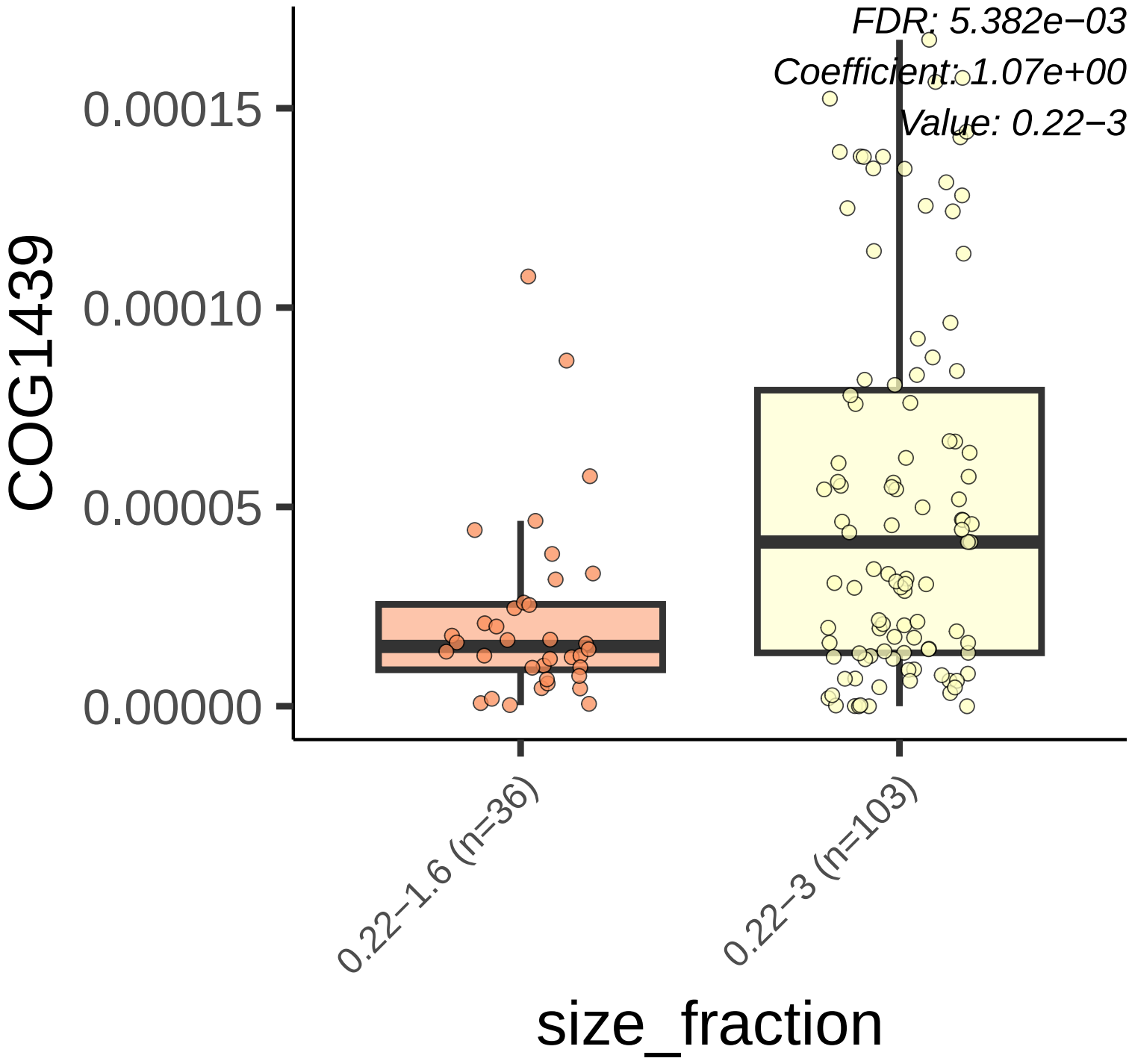

FDR: 5.246e−03
Coefficient: 6.00e−01
Value: 0.22−3
COG3199
0.00015
0.00010
0.00005
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

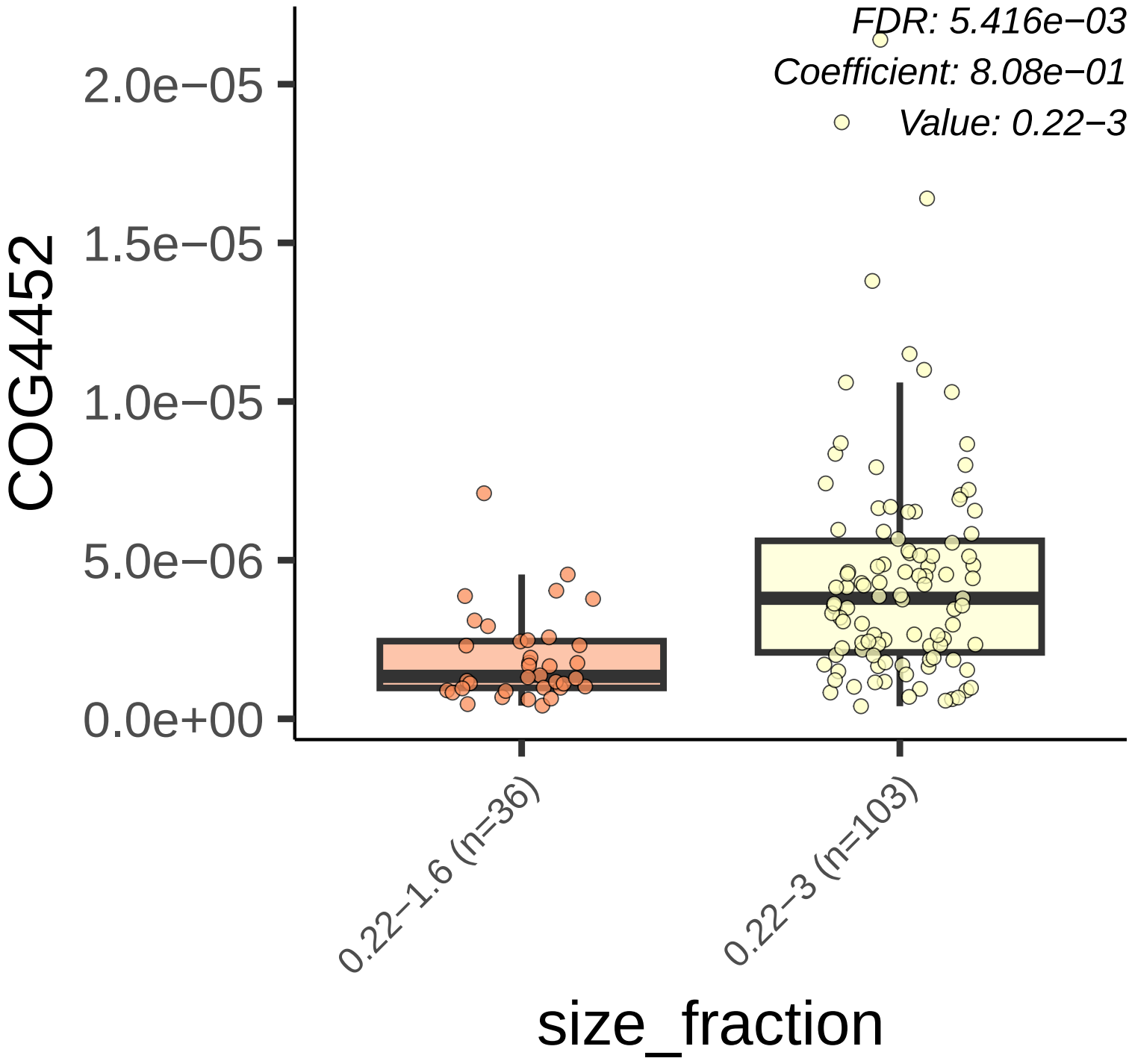

FDR: 5.318e−03
Coefficient: −1.26e−01
Value: 0.22−3
COG0770
5e−04
4e−04
3e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

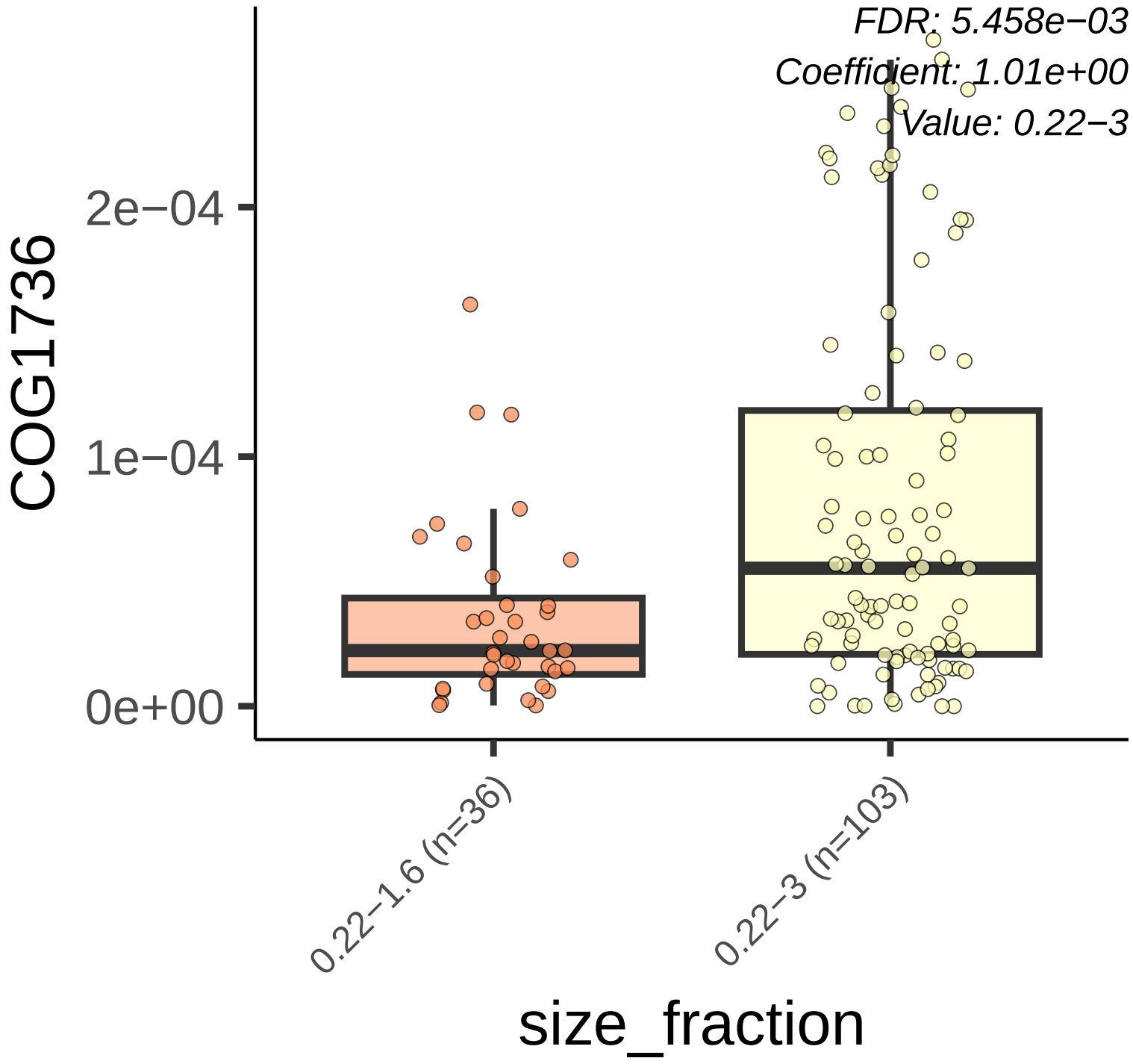

FDR: 5.318e−03
Coefficient: −2.23e−01
Value: 0.22−3
COG4133
0.00020
0.00015
0.00010
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

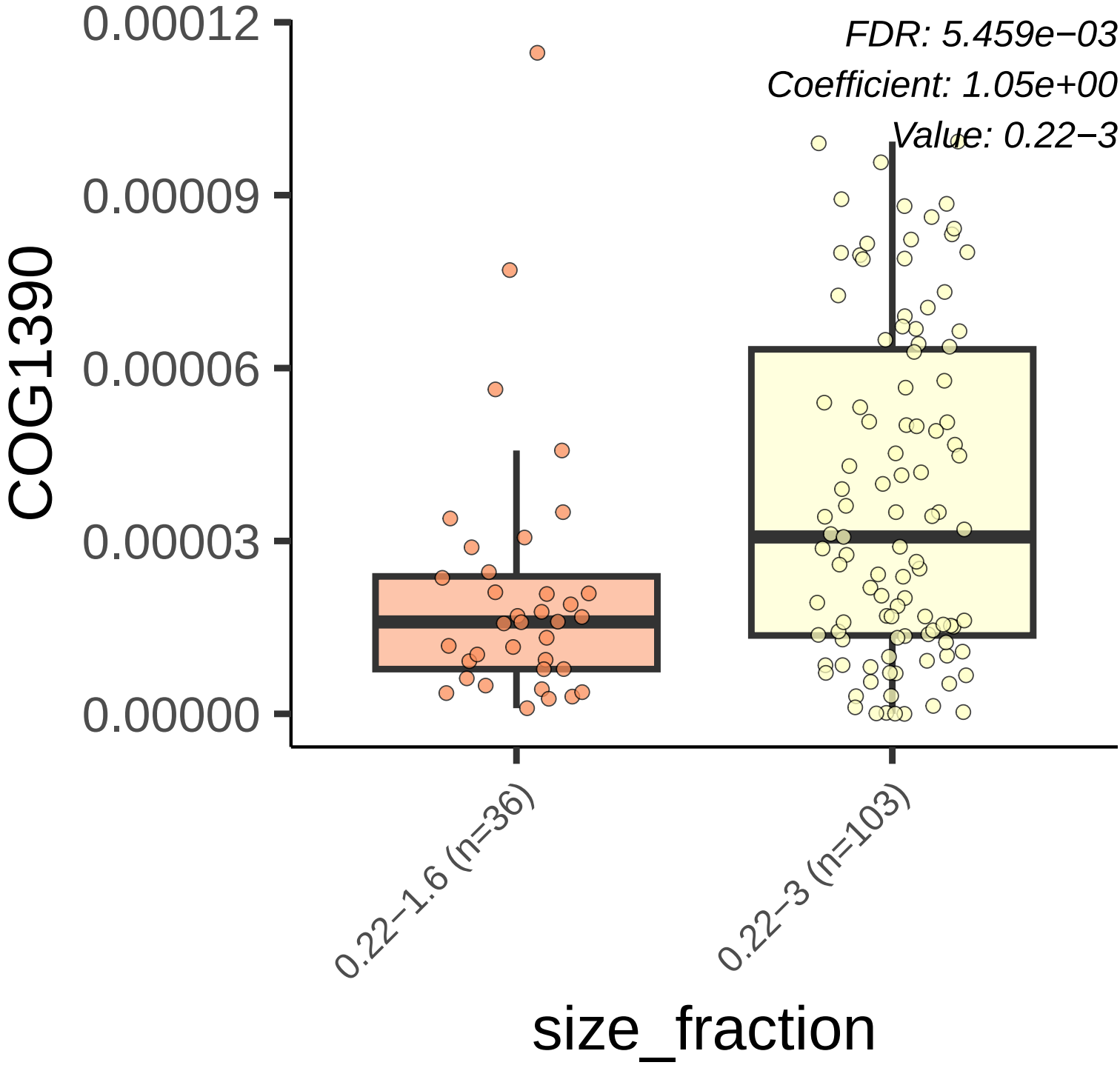

FDR: 5.365e−03
Coefficient: 1.05e+00
Value: 0.22−3
COG5257
2e−04
1e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

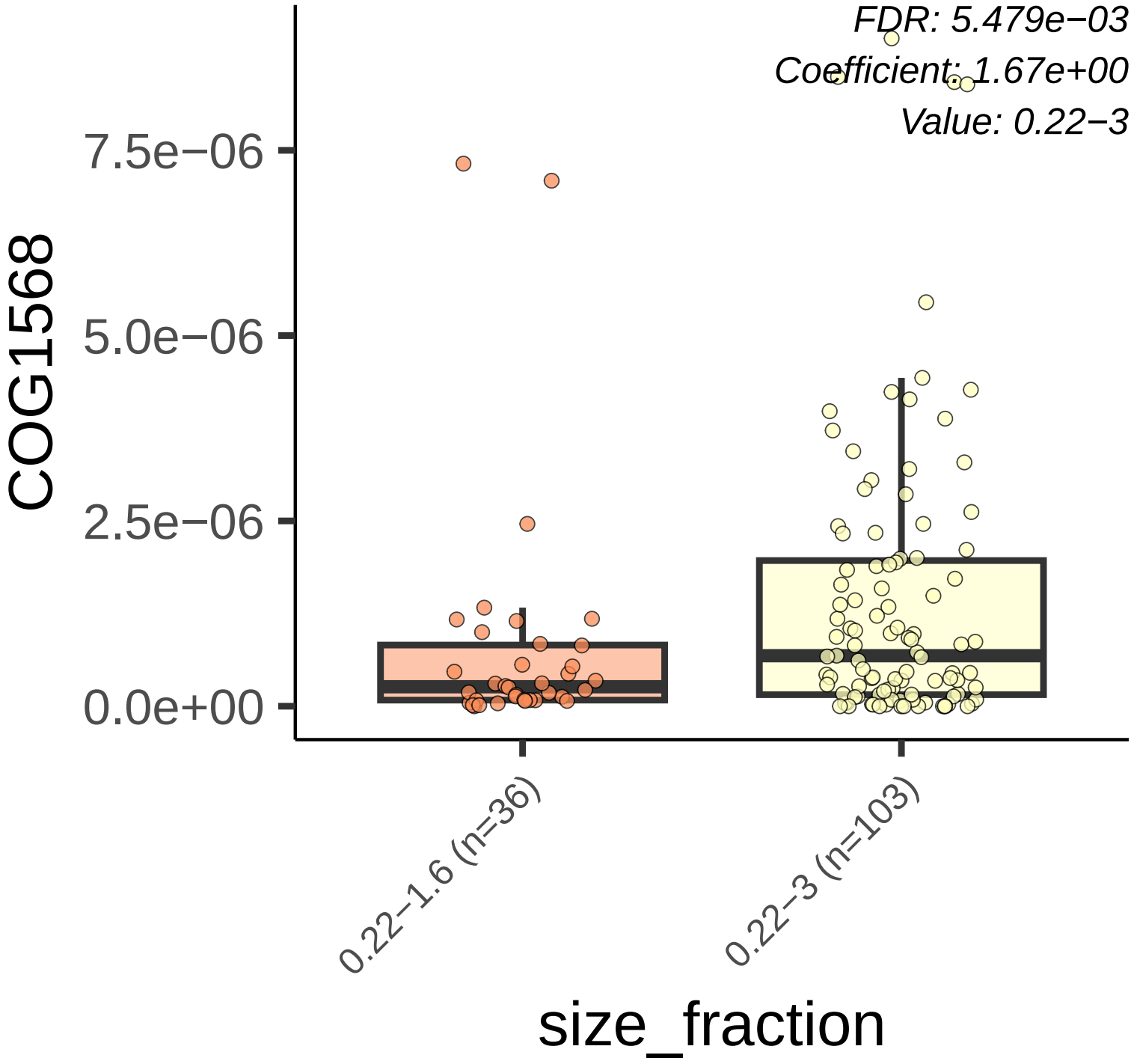

FDR: 5.378e−03
Coefficient: 4.30e−01
Value: 0.22−3
0.00016
0.00012
0.00008
0.00004
COG4099
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

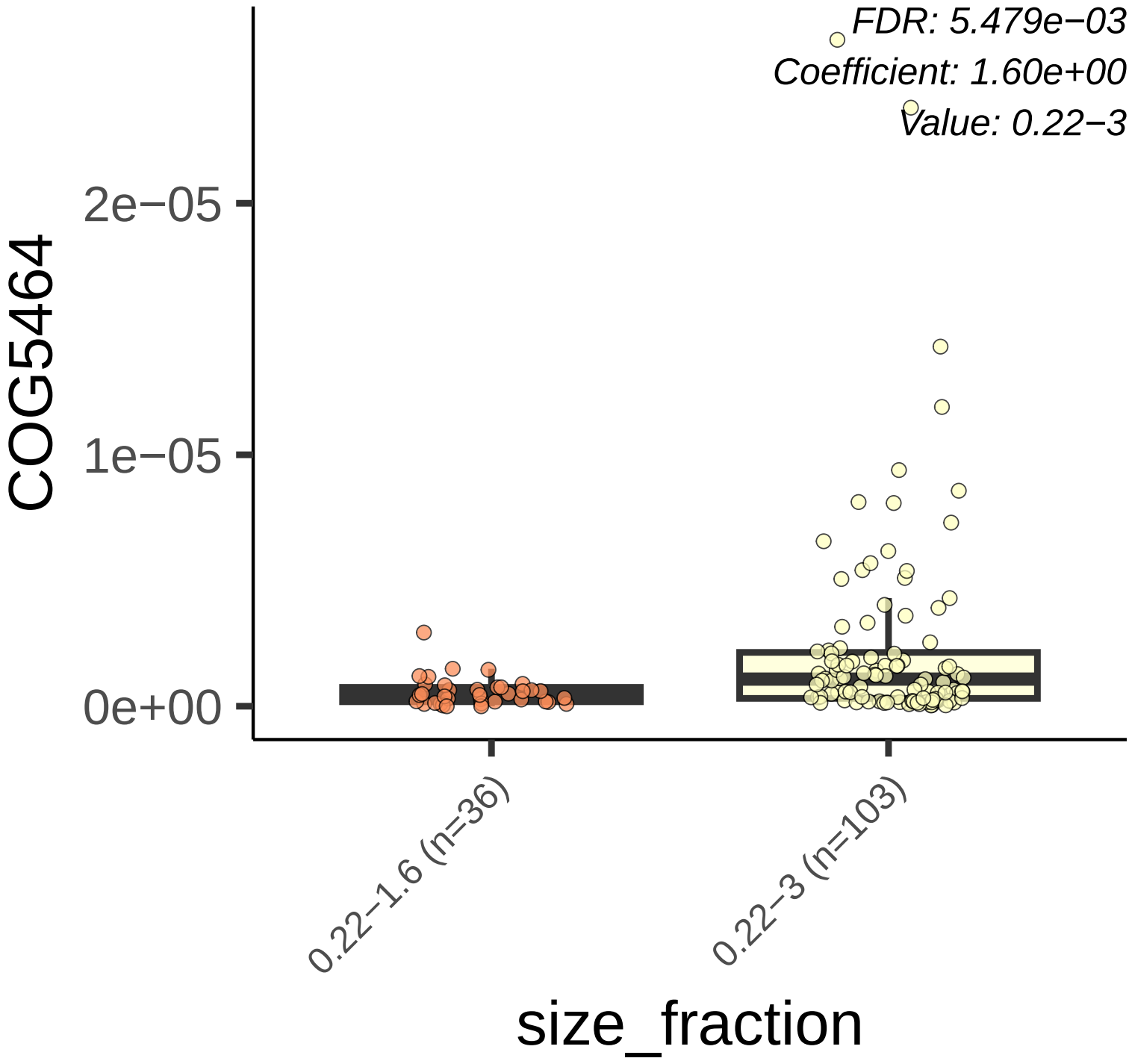

FDR: 5.382e−03
Coefficient: 1.07e+00
Value: 0.22−3
COG1439
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

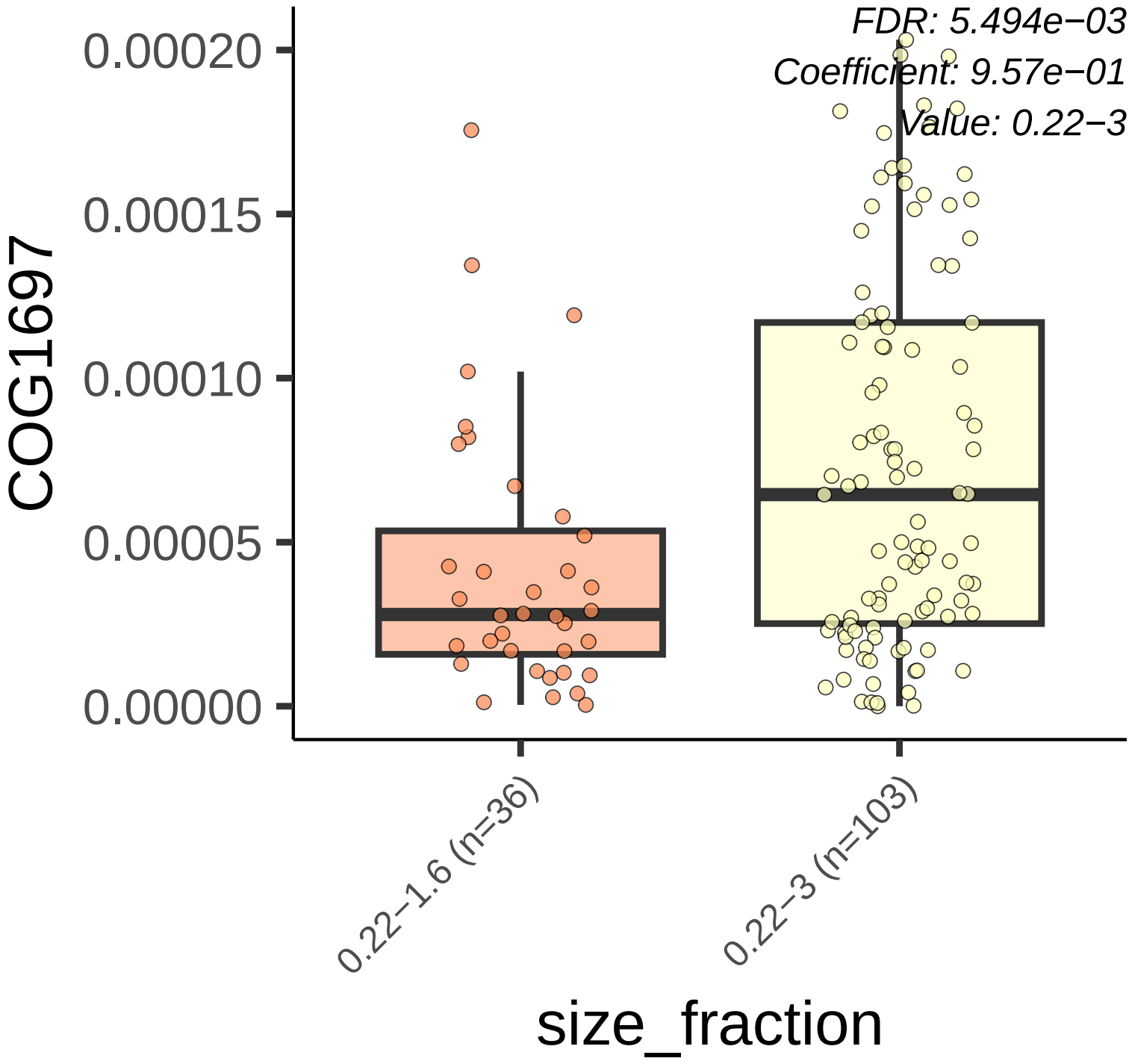

FDR: 5.416e−03
Coefficient: 8.08e−01
Value: 0.22−3
COG4452
2.0e−05
1.5e−05
1.0e−05
5.0e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

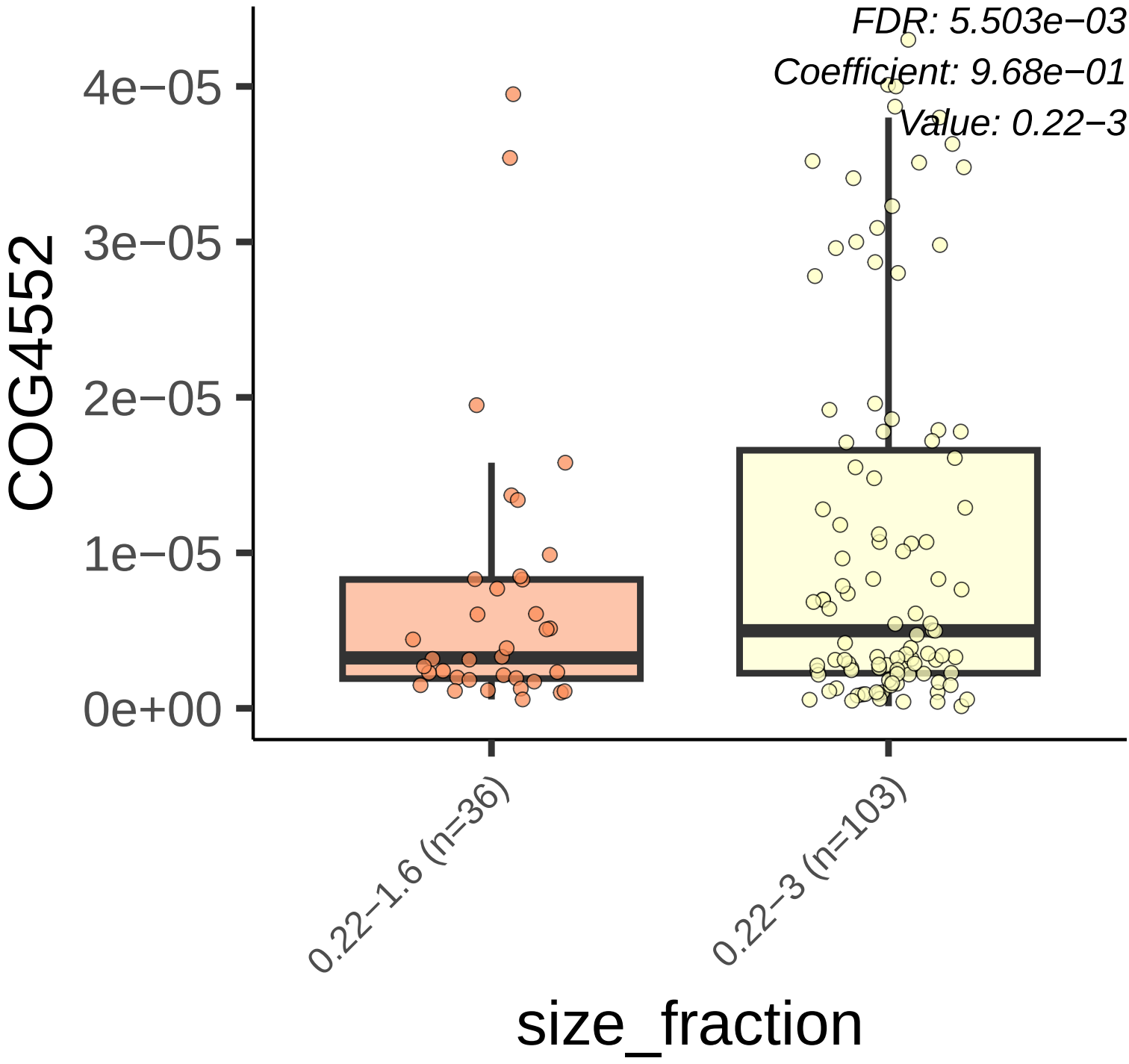

FDR: 5.458e−03
Coefficient: 1.01e+00
Value: 0.22−3
COG1736
2e−04
1e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

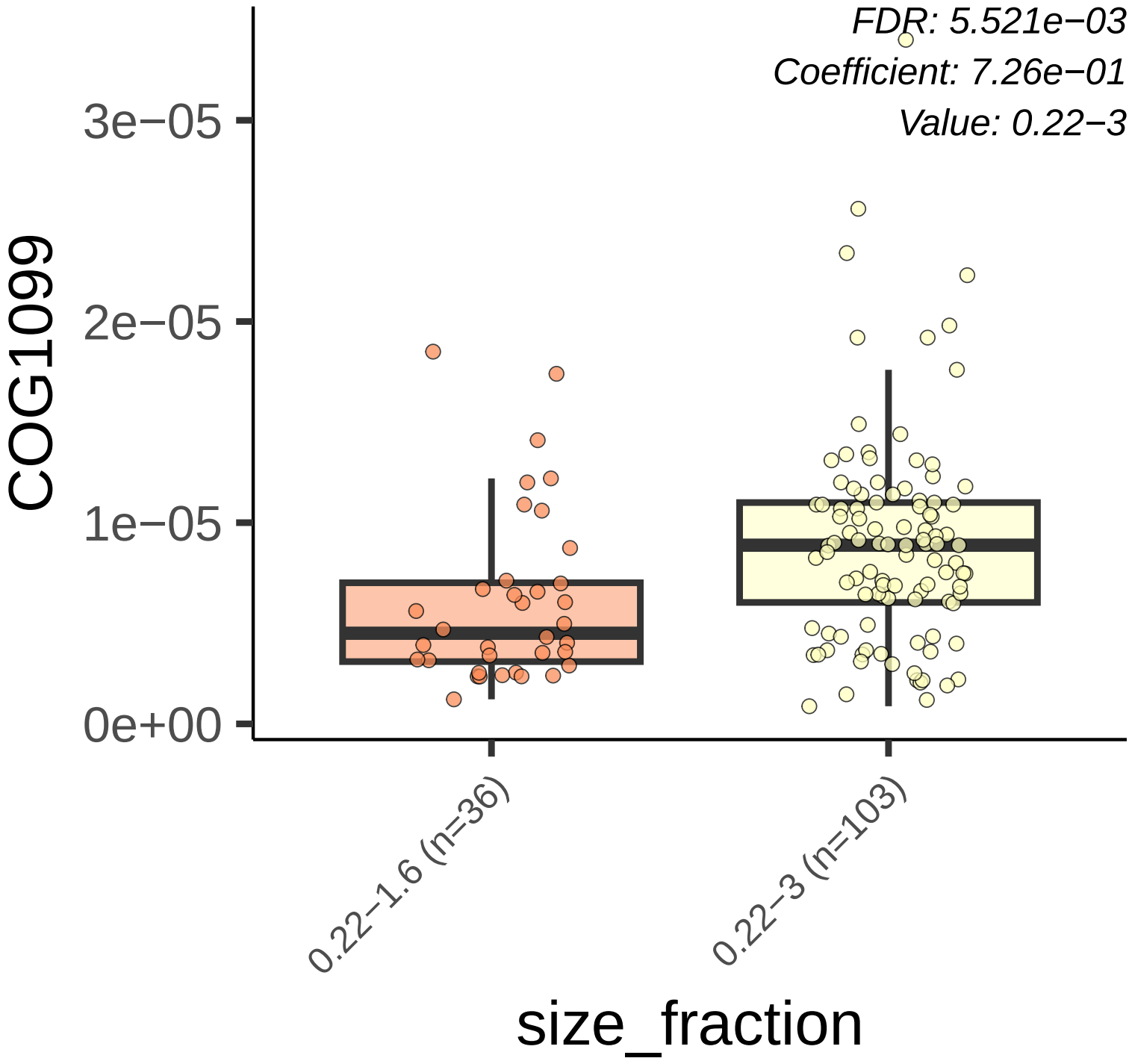

FDR: 5.459e−03
Coefficient: 1.05e+00
Value: 0.22−3
COG1390
0.00012
0.00009
0.00006
0.00003
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

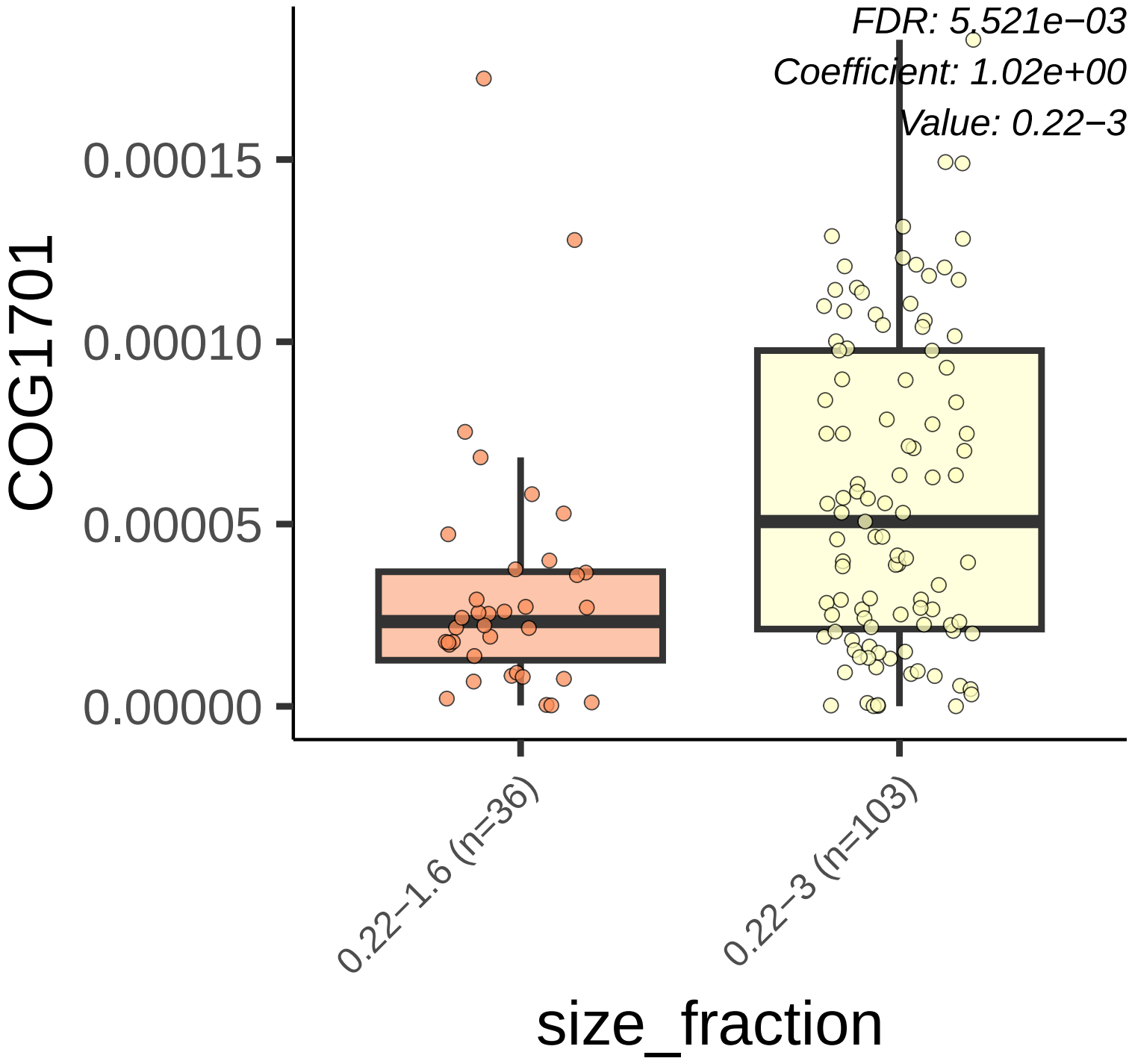

FDR: 5.479e−03
Coefficient: 1.67e+00
Value: 0.22−3
COG1568
7.5e−06
5.0e−06
2.5e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

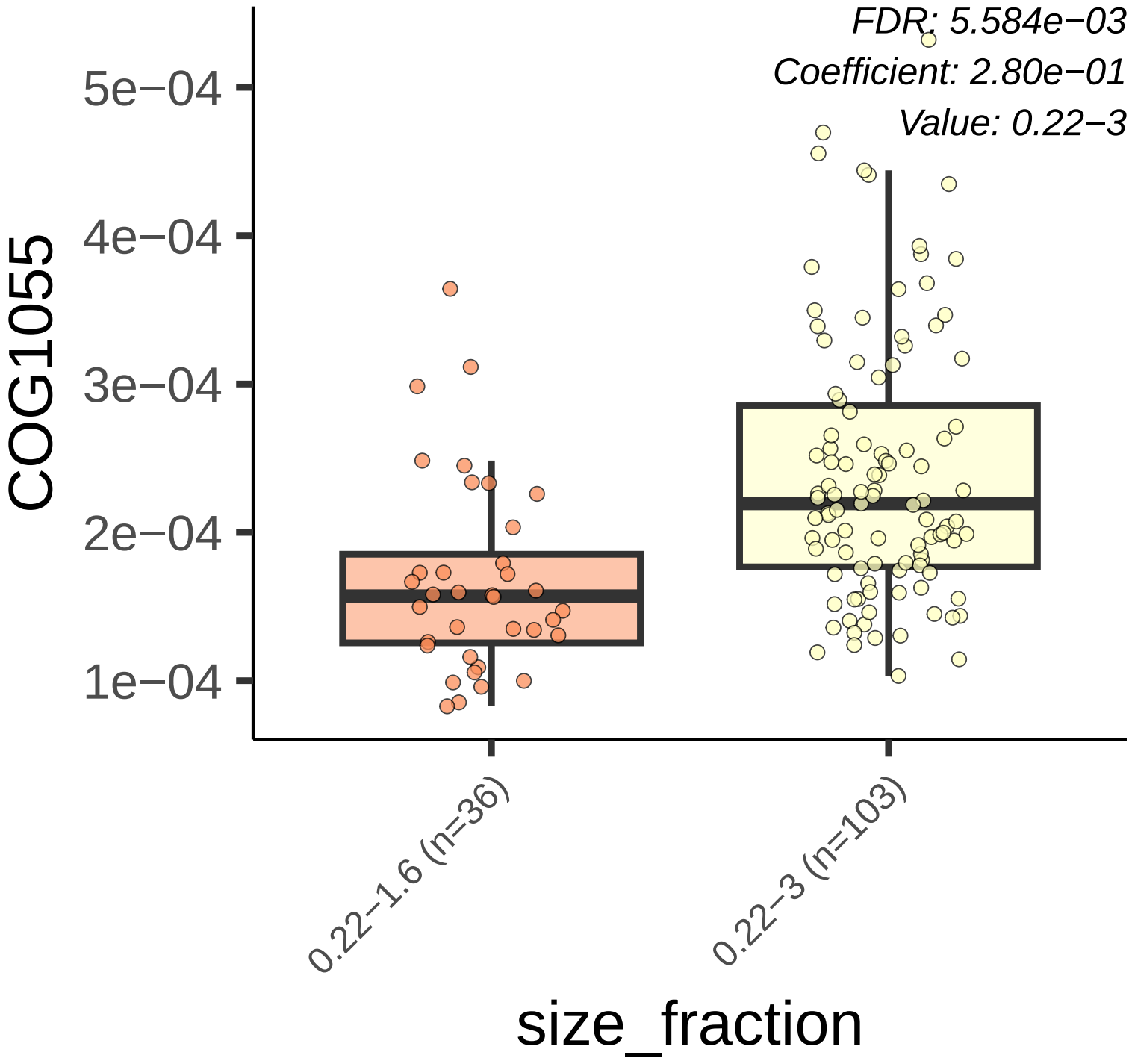

FDR: 5.479e−03
Coefficient: 1.60e+00
Value: 0.22−3
COG5464
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

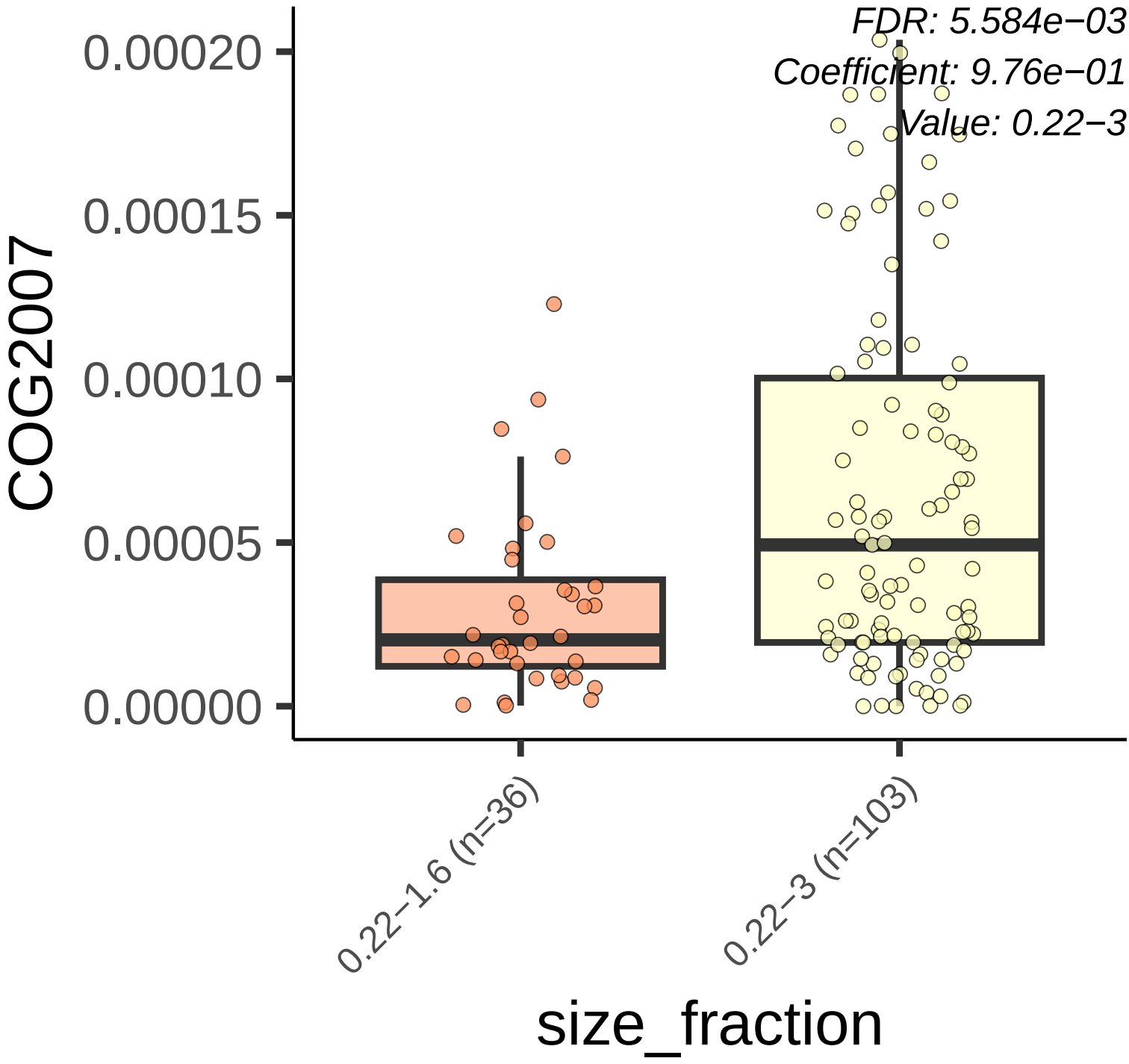

FDR: 5.494e−03
Coefficient: 9.57e−01
Value: 0.22−3
COG1697
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

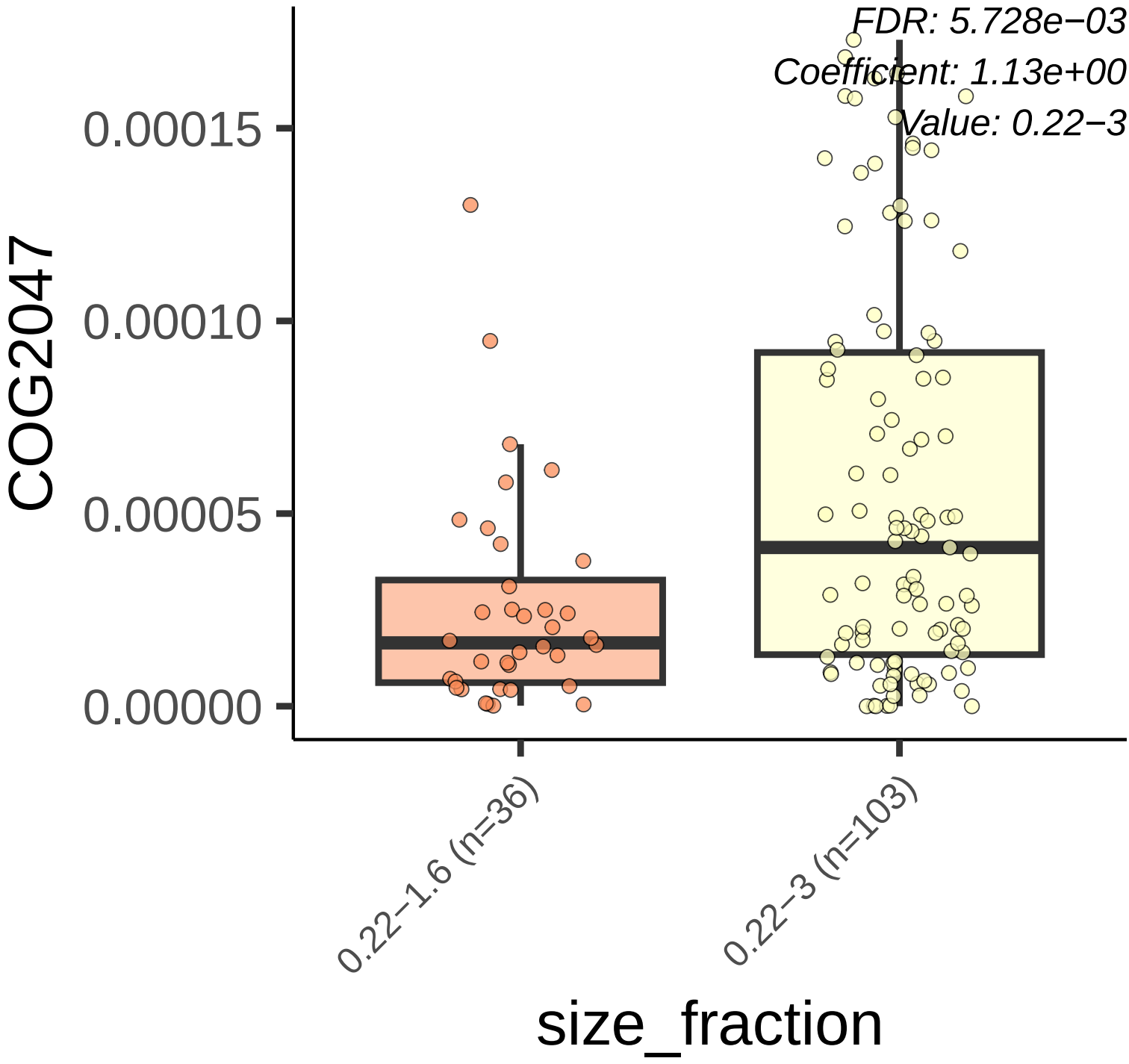

FDR: 5.503e−03
Coefficient: 9.68e−01
Value: 0.22−3
COG4552
4e−05
3e−05
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

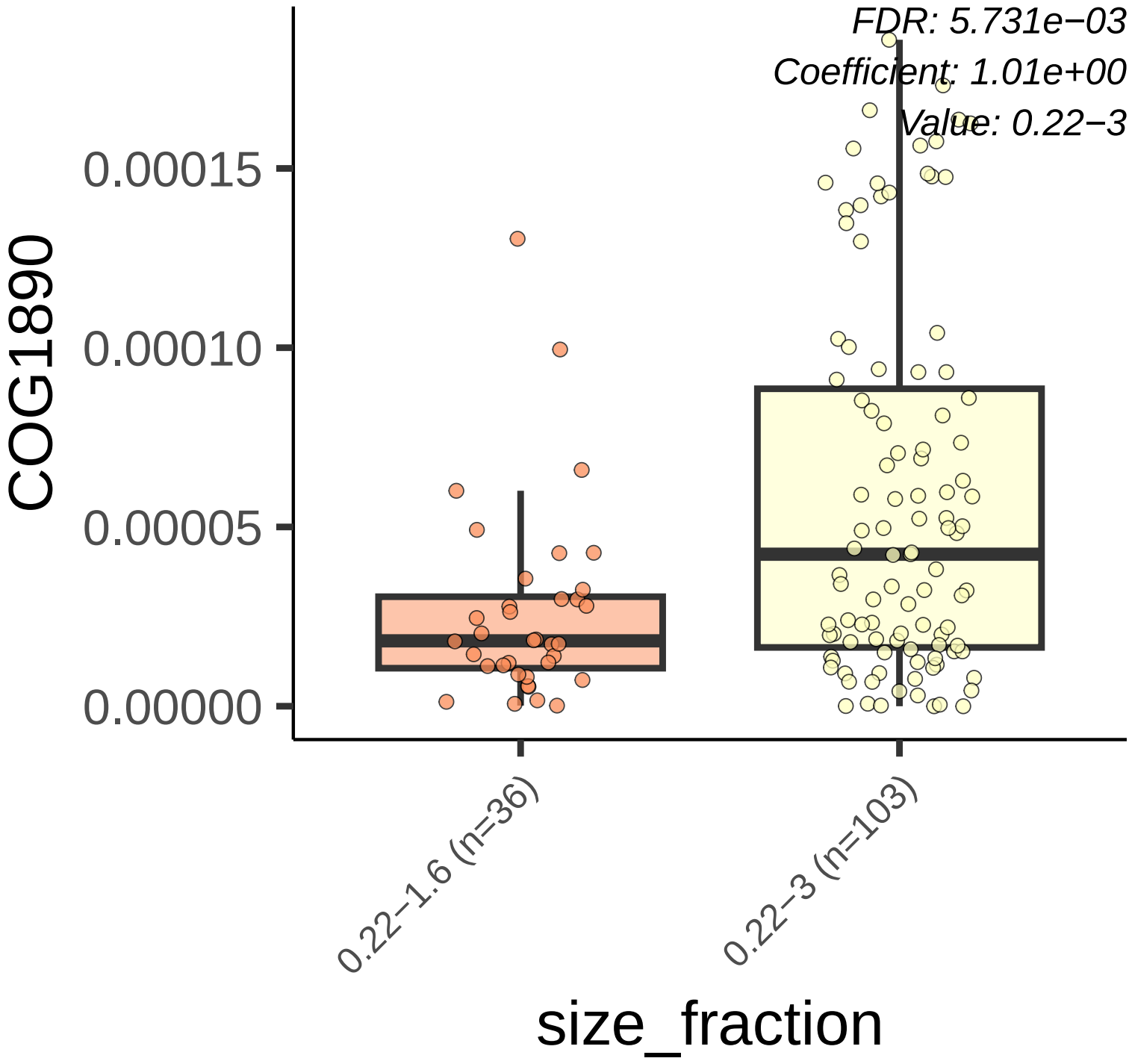

FDR: 5.521e−03
Coefficient: 7.26e−01
Value: 0.22−3
COG1099
3e−05
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

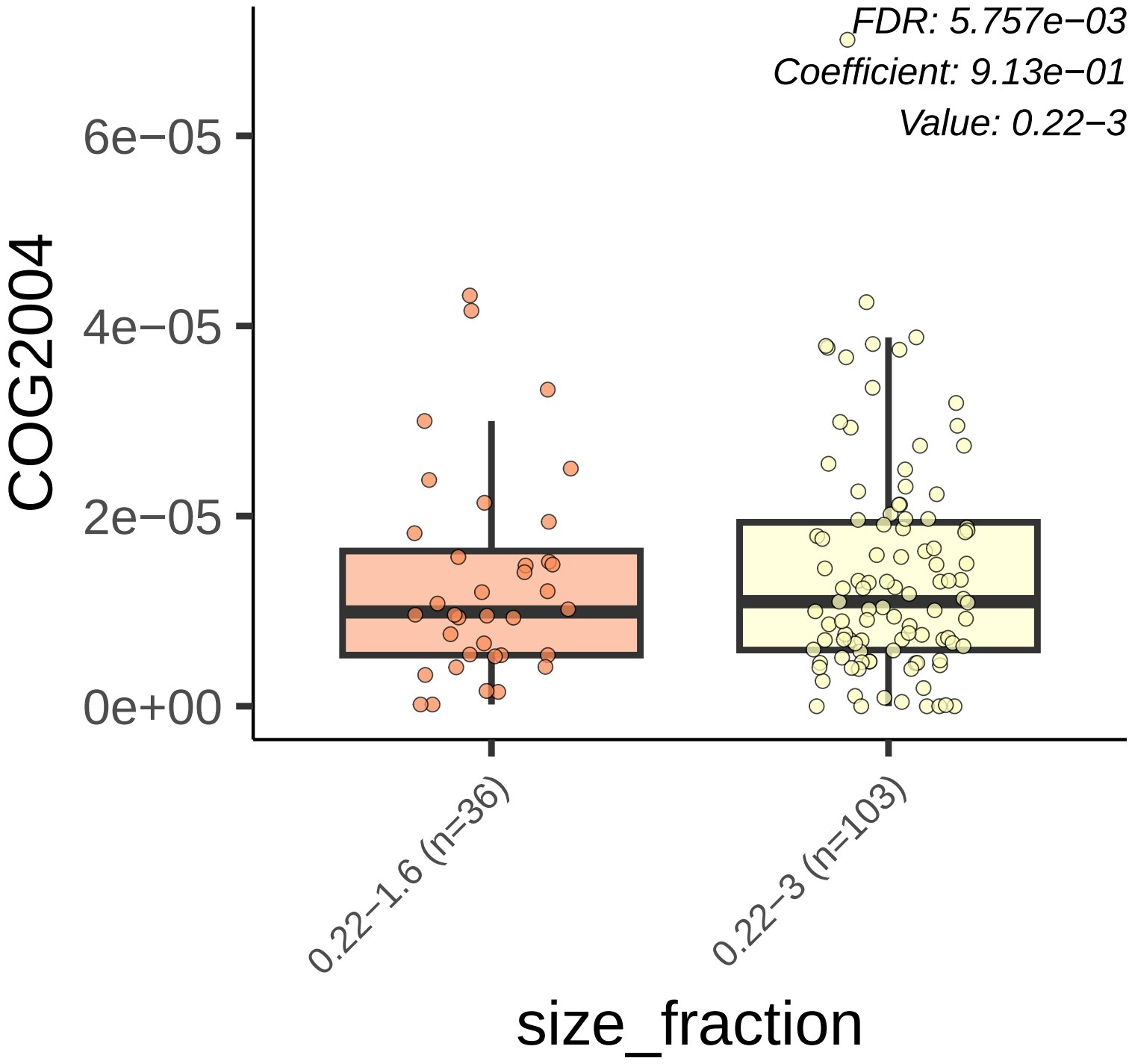

FDR: 5.521e−03
Coefficient: 1.02e+00
Value: 0.22−3
COG1701
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

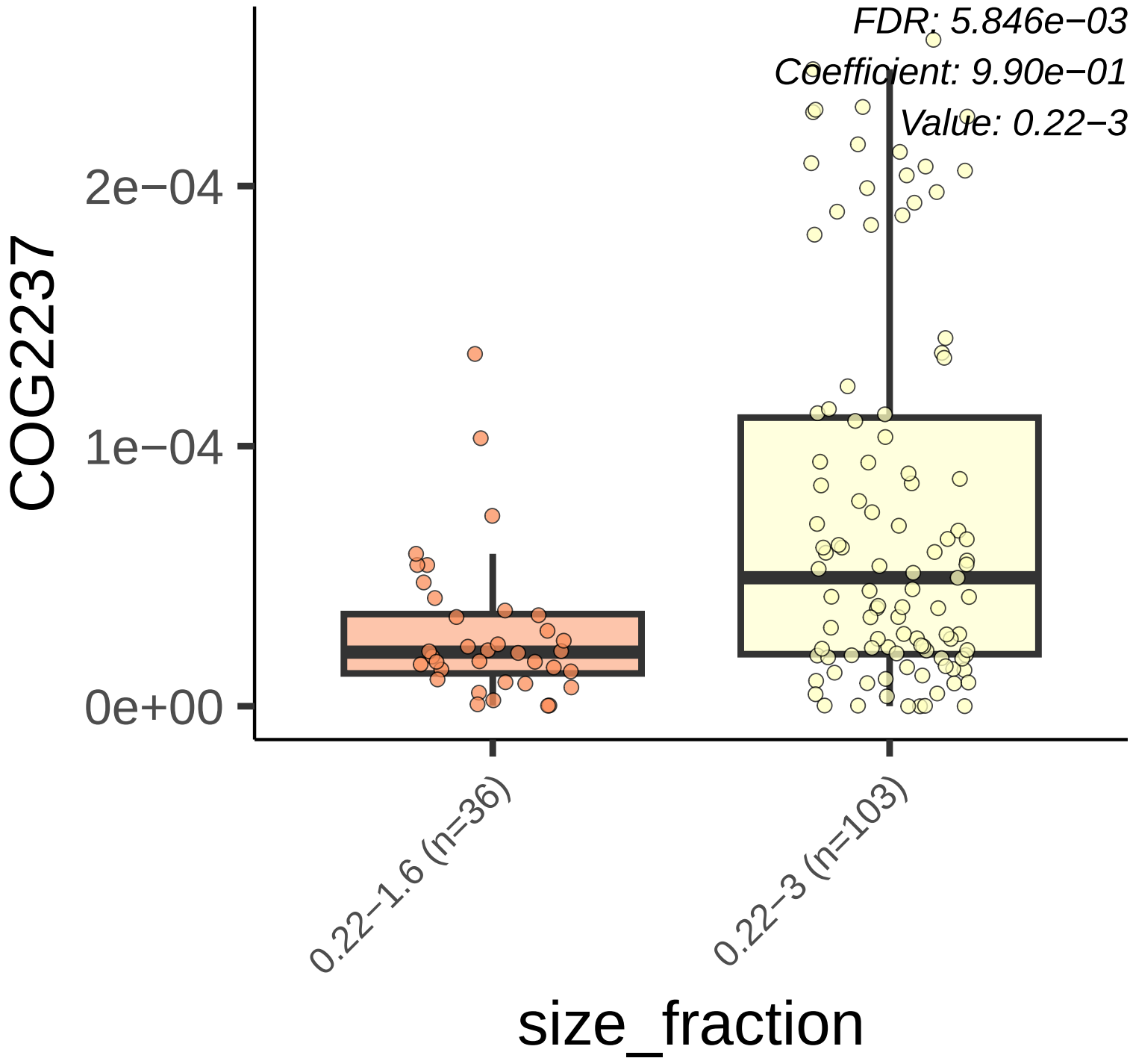

FDR: 5.584e−03
Coefficient: 2.80e−01
Value: 0.22−3
COG1055
5e−04
4e−04
3e−04
2e−04
1e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

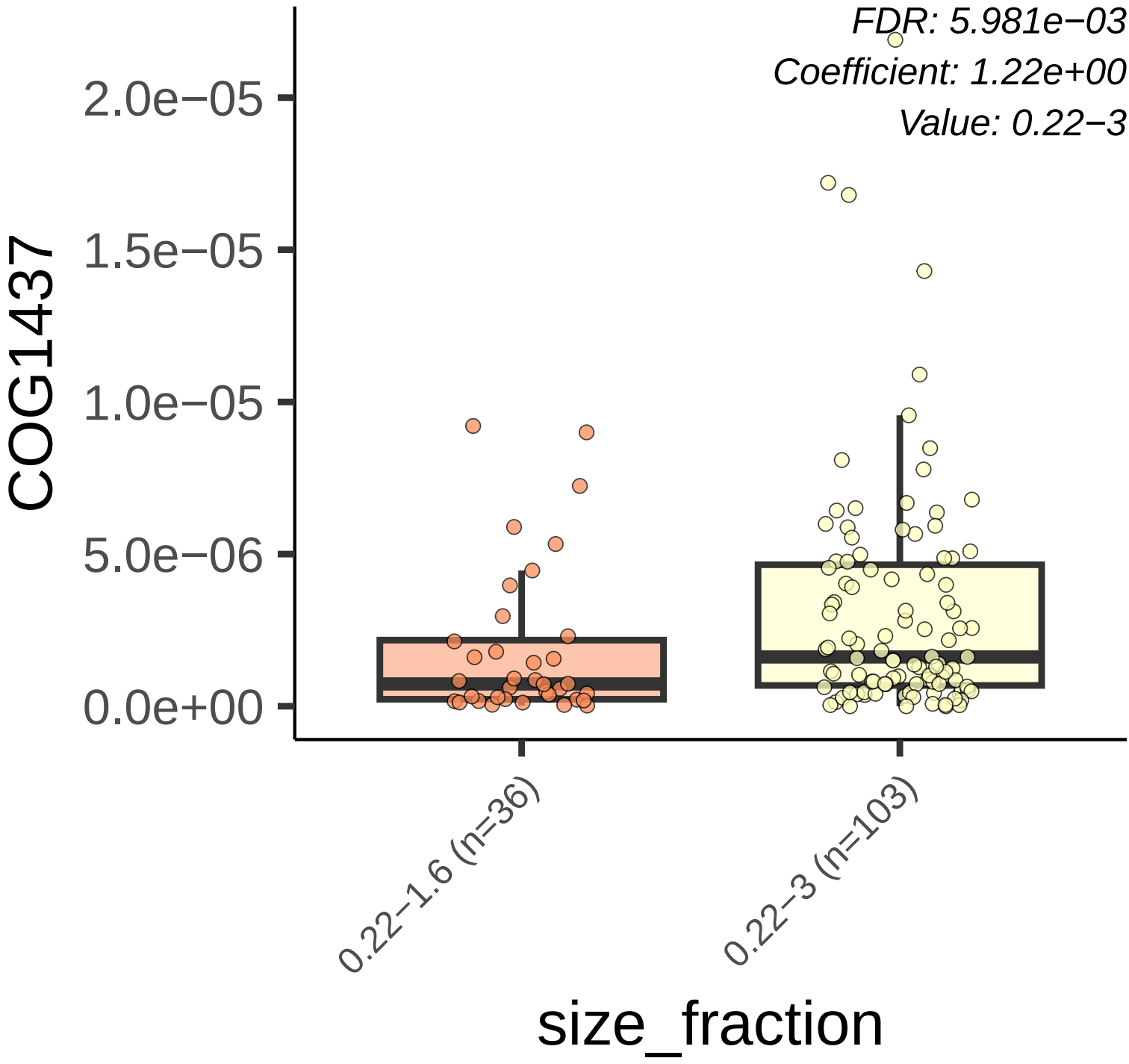

FDR: 5.584e−03
Coefficient: 9.76e−01
Value: 0.22−3
COG2007
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

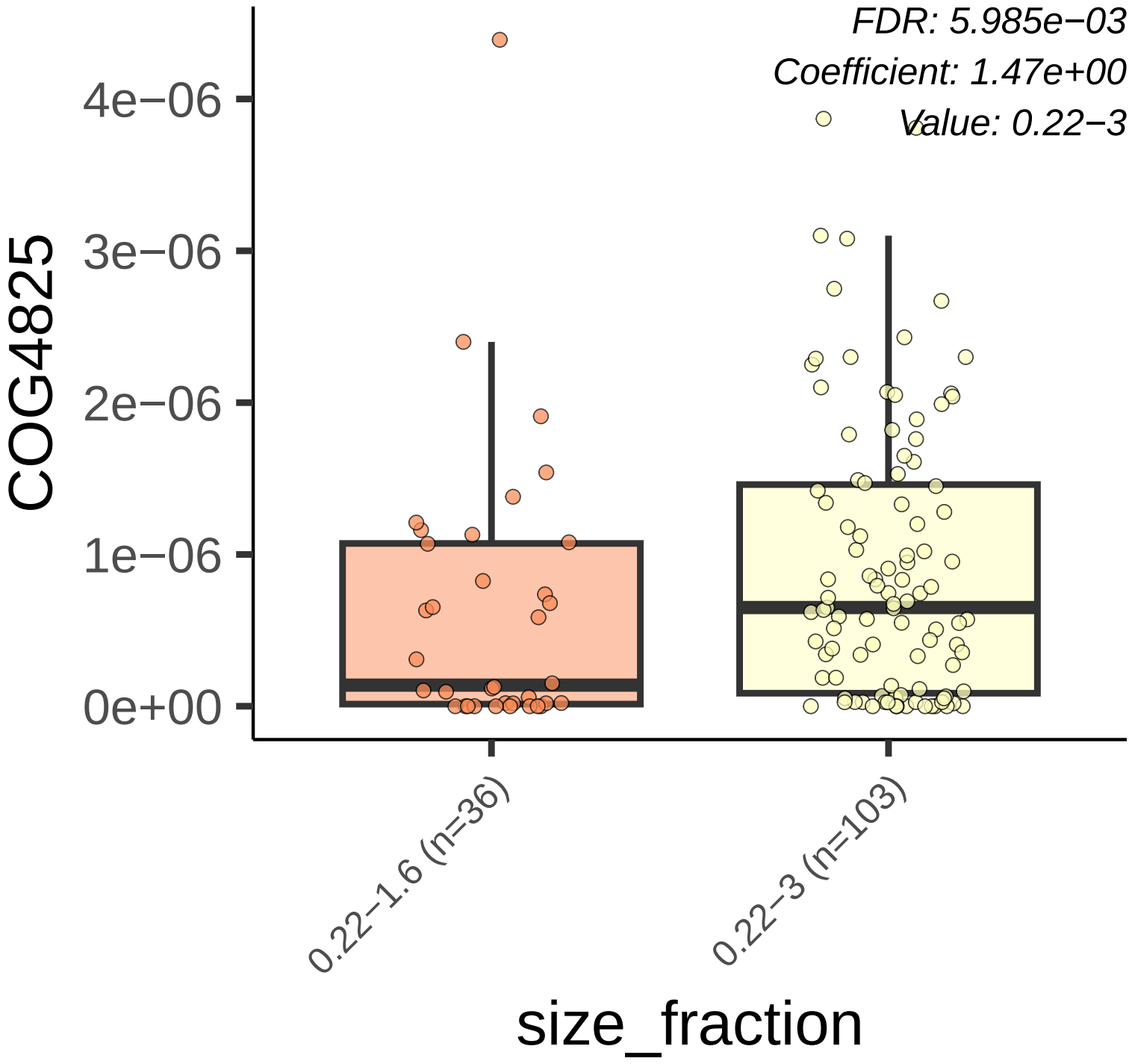

FDR: 5.728e−03
Coefficient: 1.13e+00
Value: 0.22−3
COG2047
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

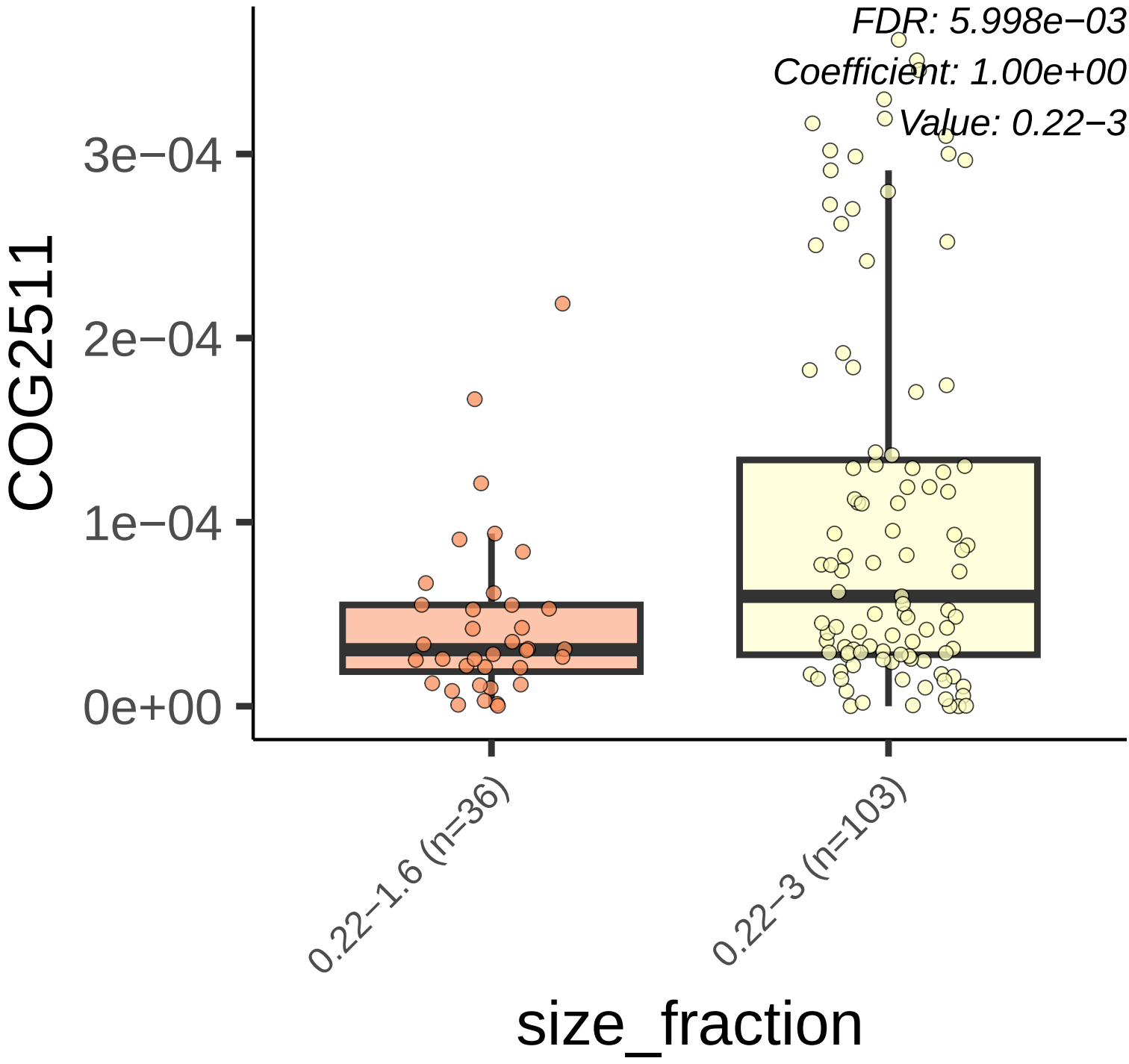

FDR: 5.731e−03
Coefficient: 1.01e+00
Value: 0.22−3
COG1890
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

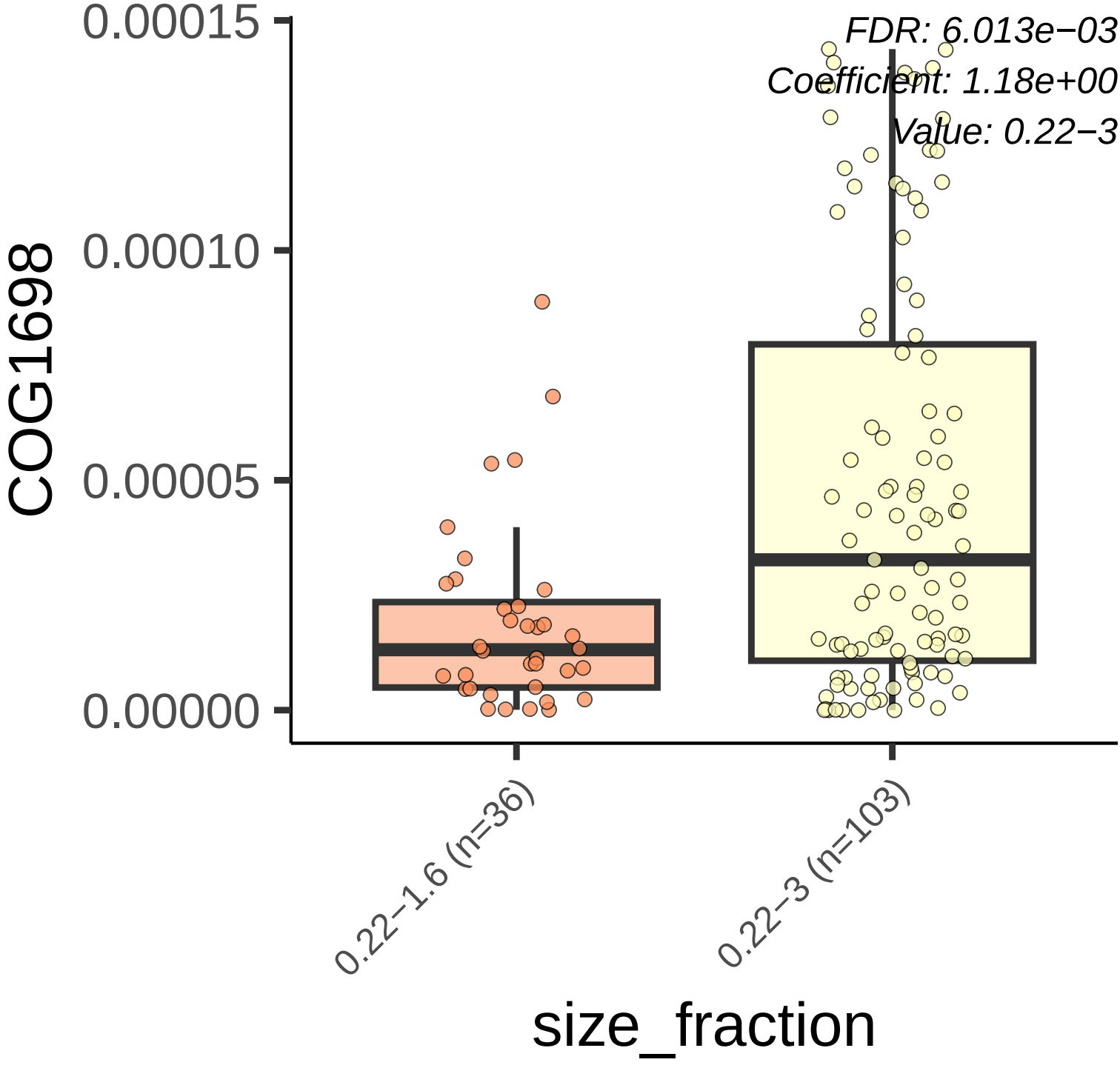

FDR: 5.757e−03
Coefficient: 9.13e−01
Value: 0.22−3
COG2004
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

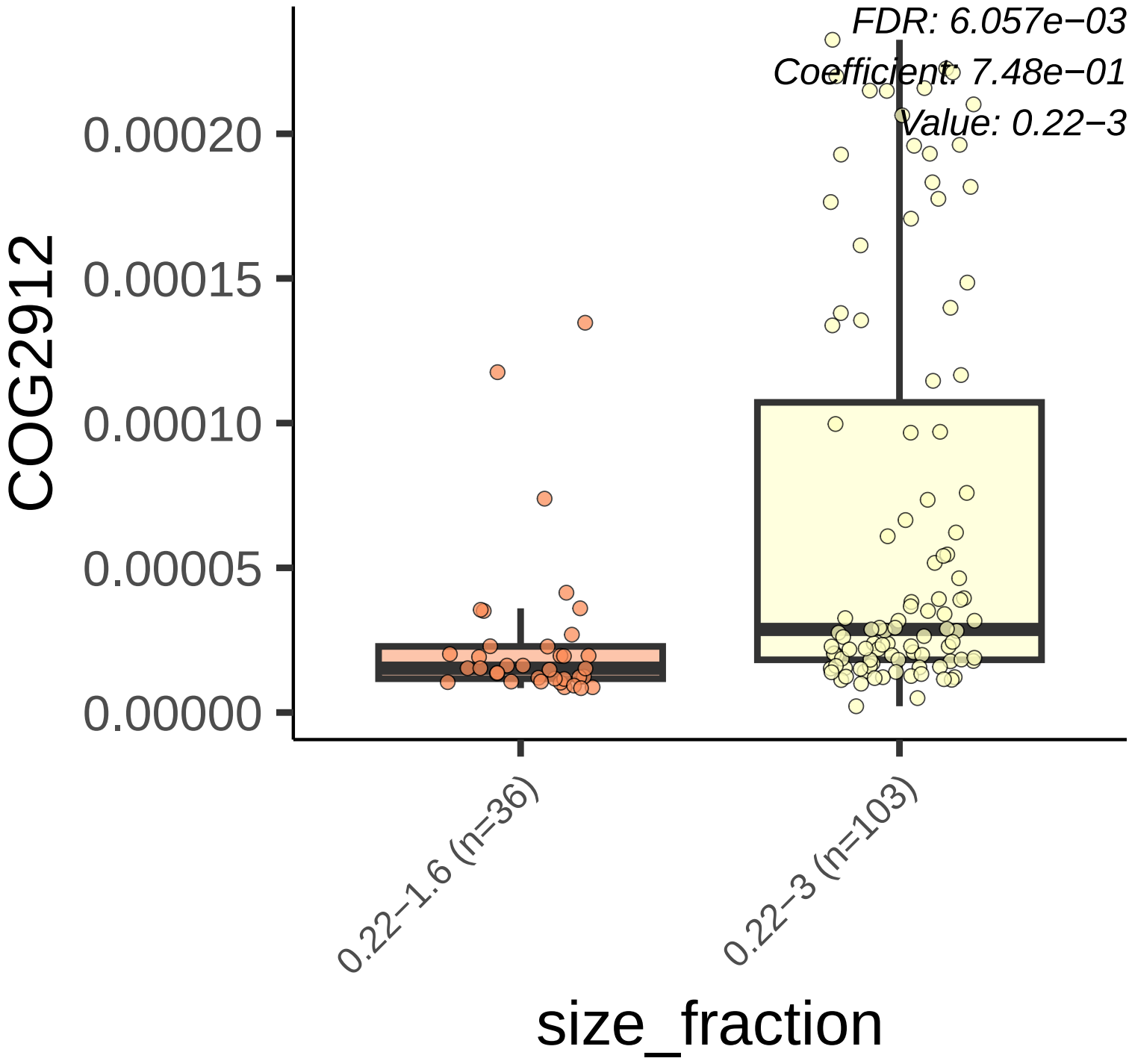

FDR: 5.846e−03
Coefficient: 9.90e−01
Value: 0.22−3
COG2237
2e−04
1e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

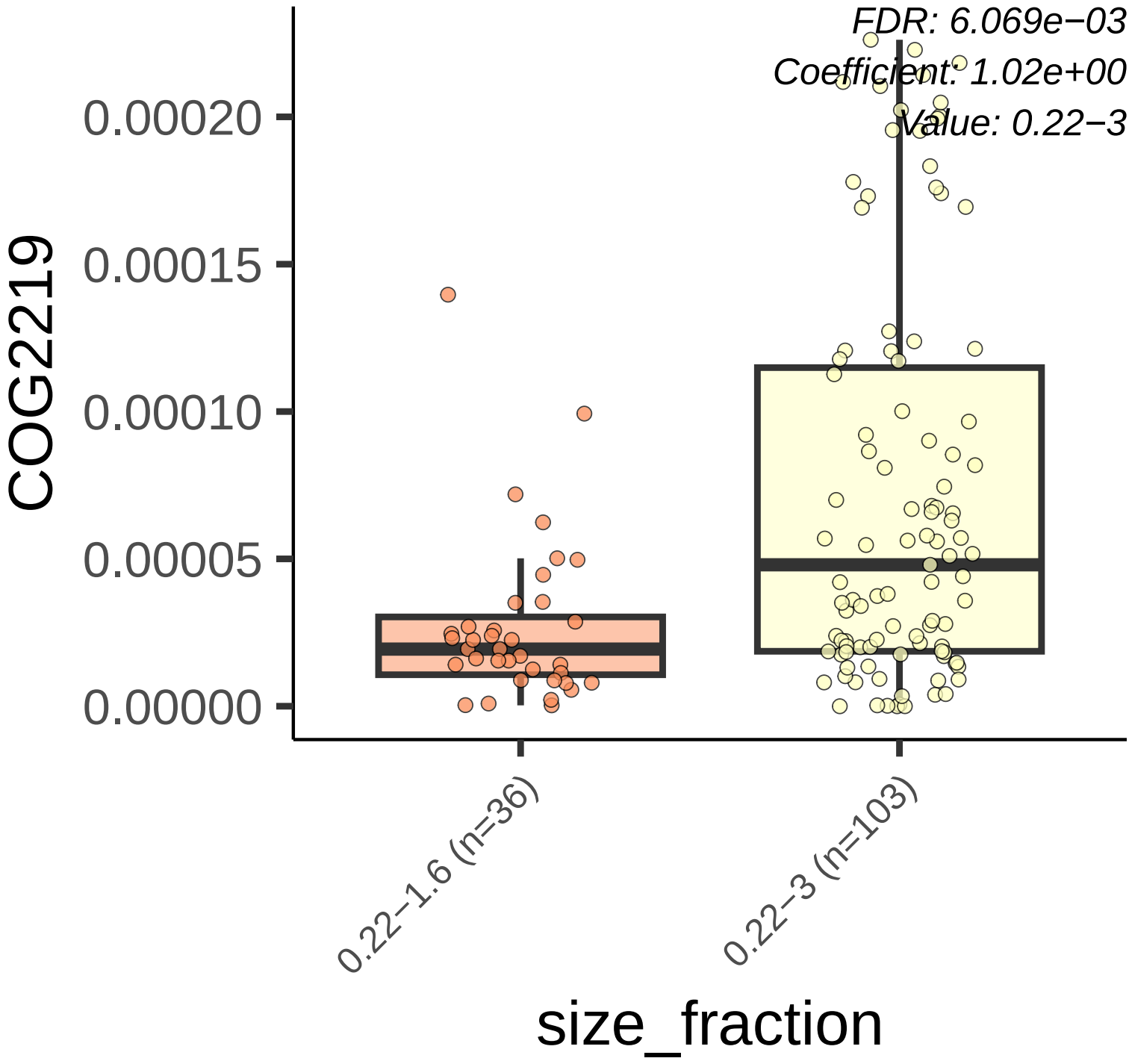

FDR: 5.981e−03
Coefficient: 1.22e+00
Value: 0.22−3
COG1437
2.0e−05
1.5e−05
1.0e−05
5.0e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

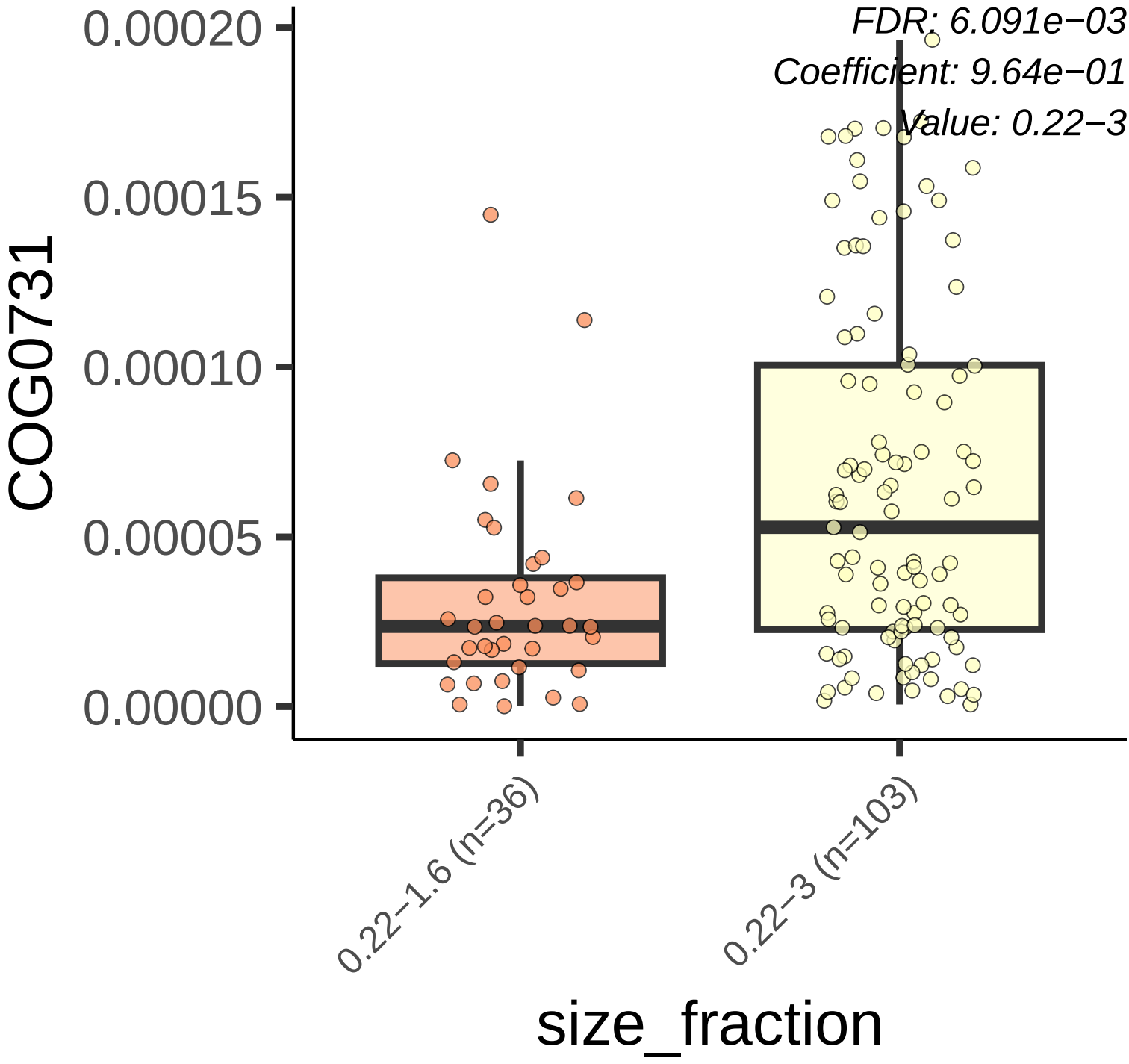

FDR: 5.985e−03
Coefficient: 1.47e+00
Value: 0.22−3
COG4825
4e−06
3e−06
2e−06
1e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

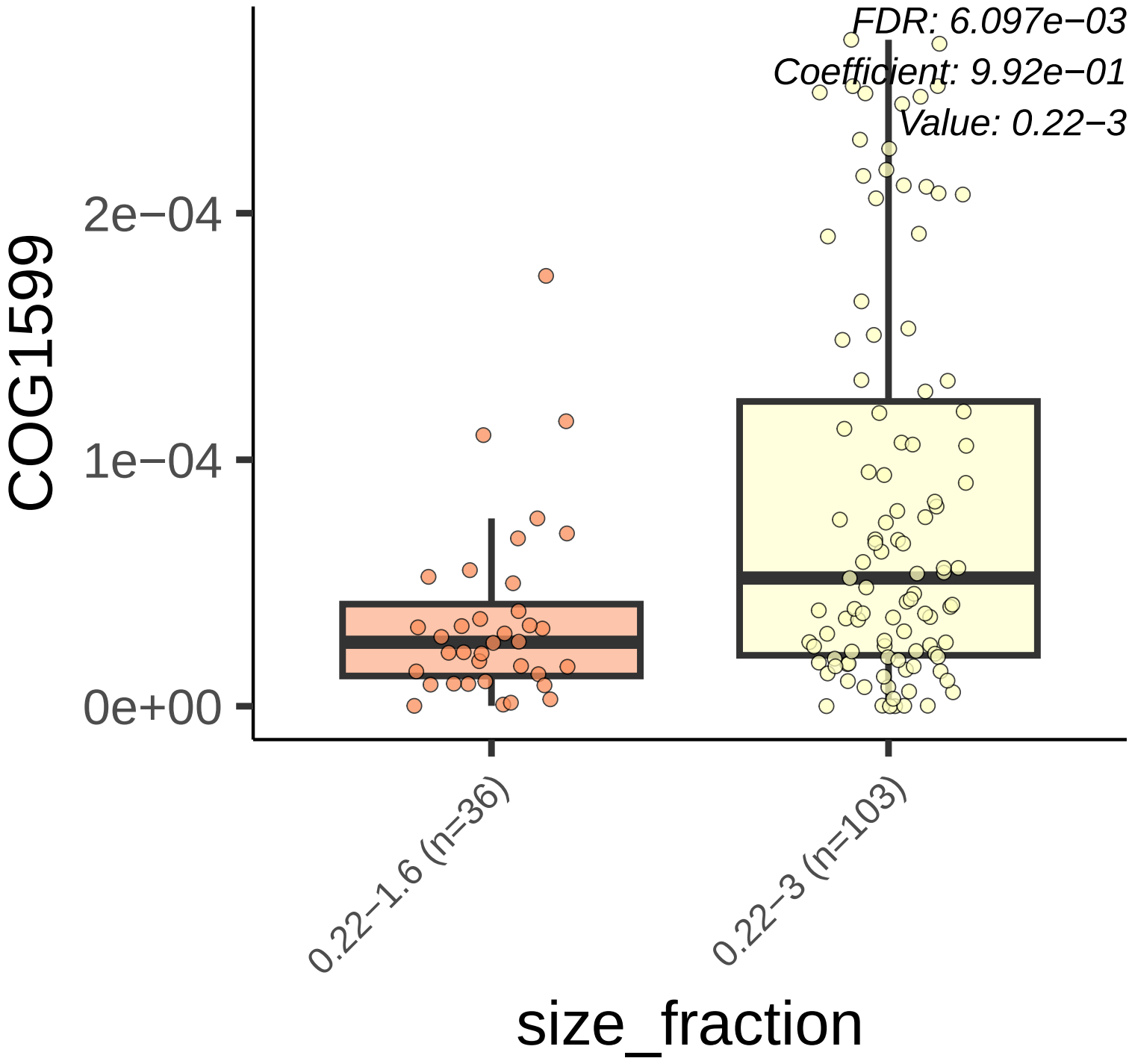

FDR: 5.998e−03
Coefficient: 1.00e+00
Value: 0.22−3
COG2511
3e−04
2e−04
1e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

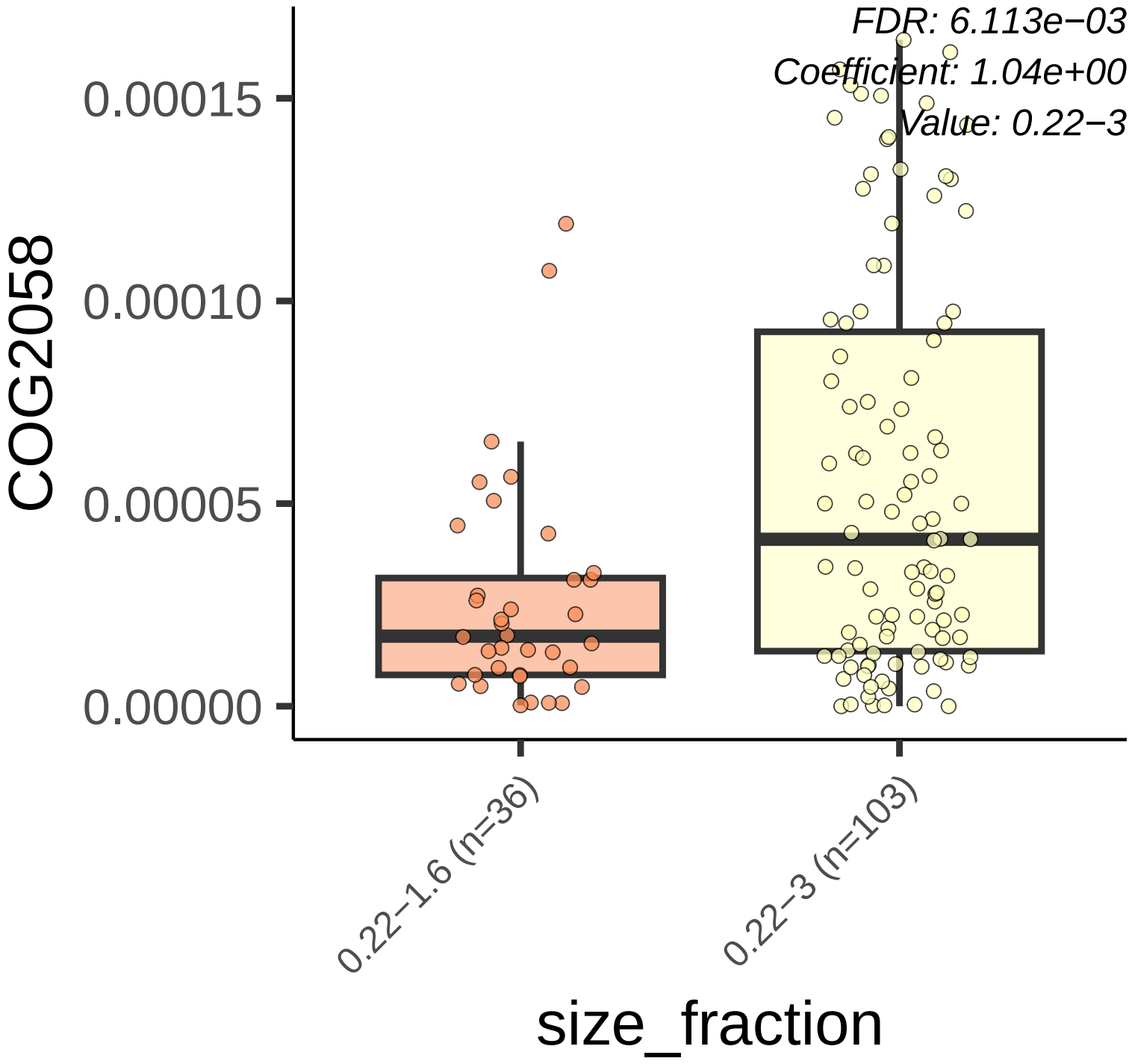

FDR: 6.013e−03
Coefficient: 1.18e+00
Value: 0.22−3
COG1698
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

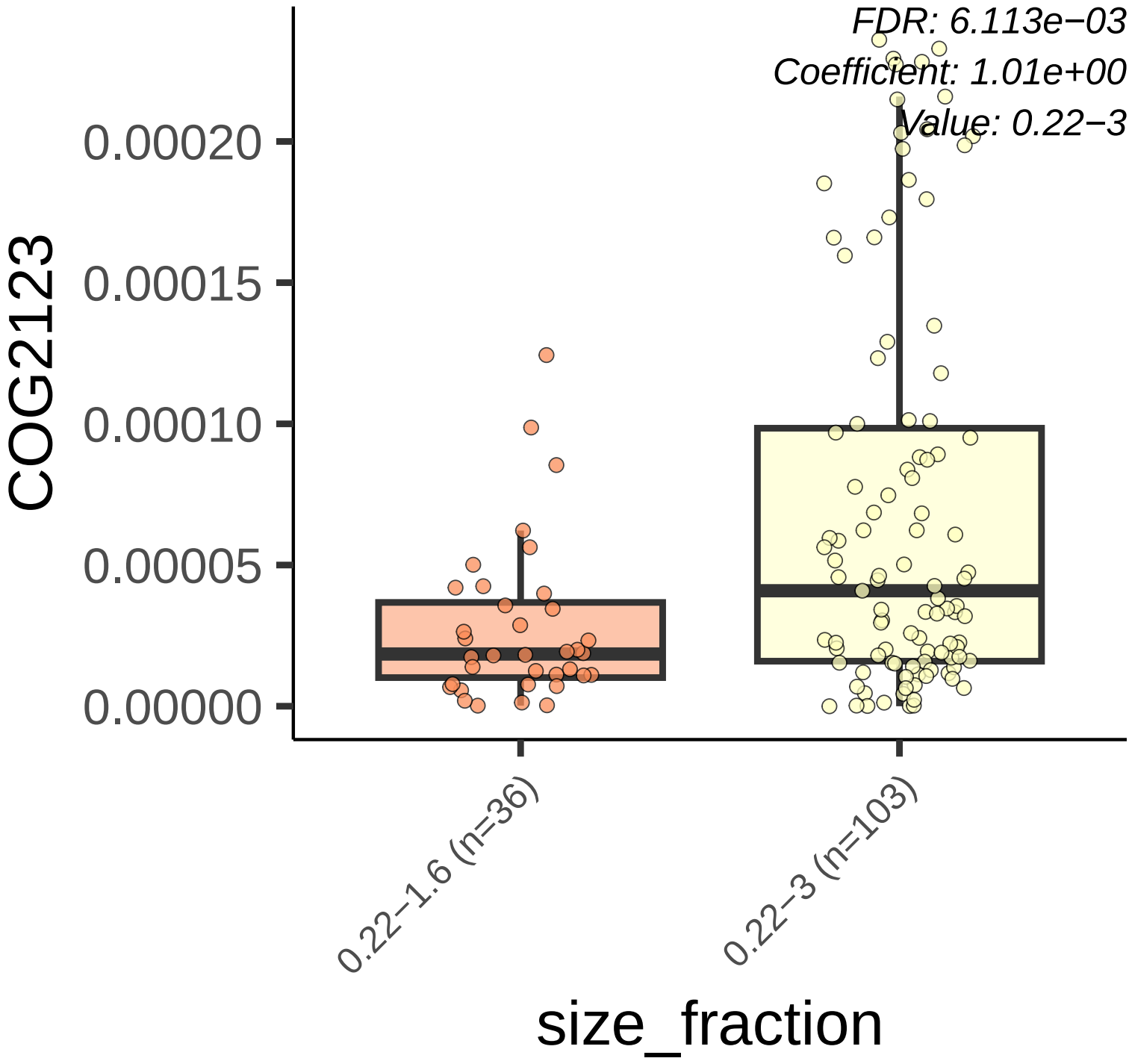

FDR: 6.057e−03
Coefficient: 7.48e−01
Value: 0.22−3
COG2912
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

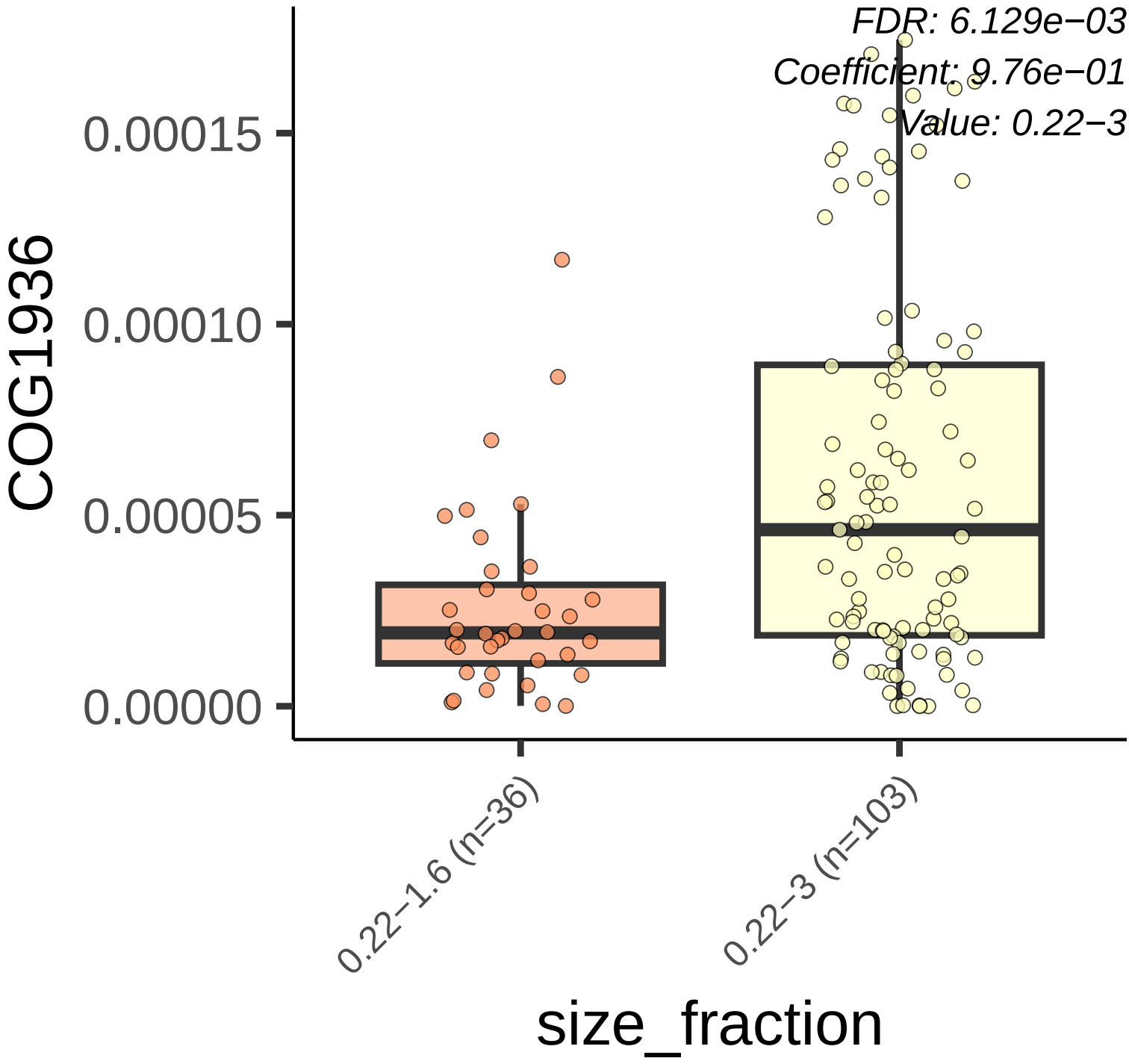

FDR: 6.069e−03
Coefficient: 1.02e+00
Value: 0.22−3
COG2219
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

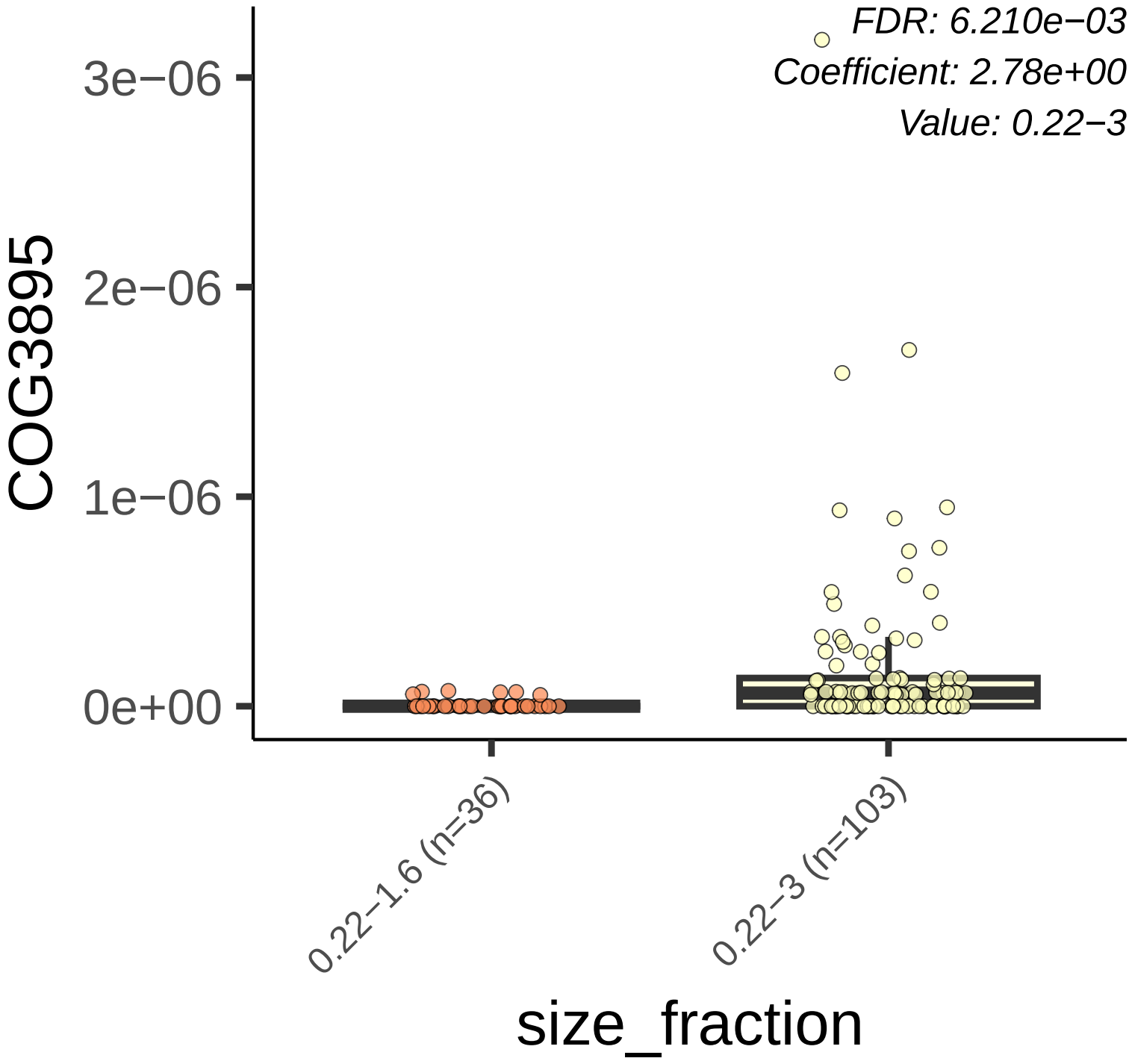

FDR: 6.091e−03
Coefficient: 9.64e−01
Value: 0.22−3
0.00020
0.00015
0.00010
0.00005
0.00000
COG0731
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

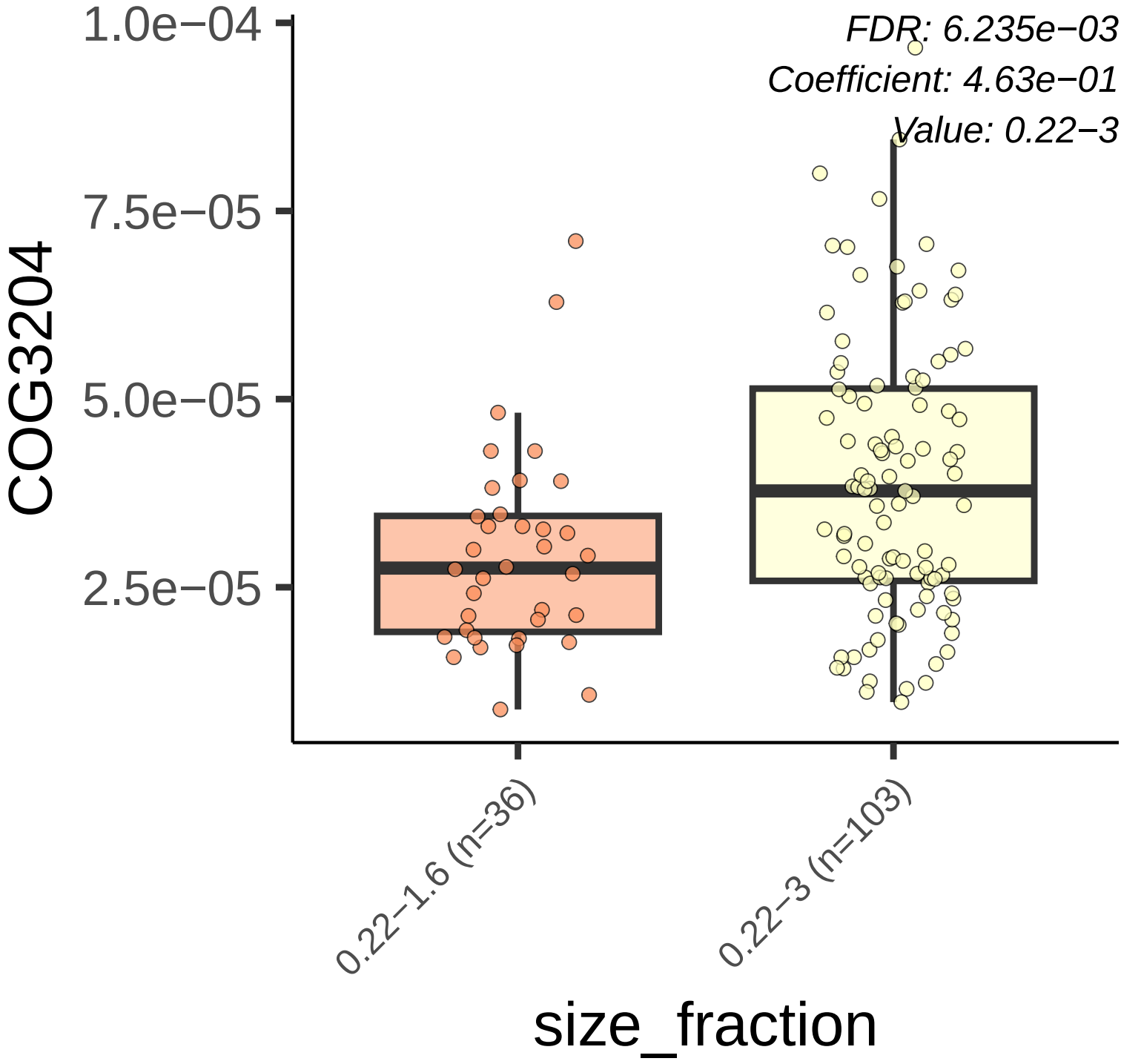

FDR: 6.097e−03
Coefficient: 9.92e−01
Value: 0.22−3
COG1599
2e−04
1e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

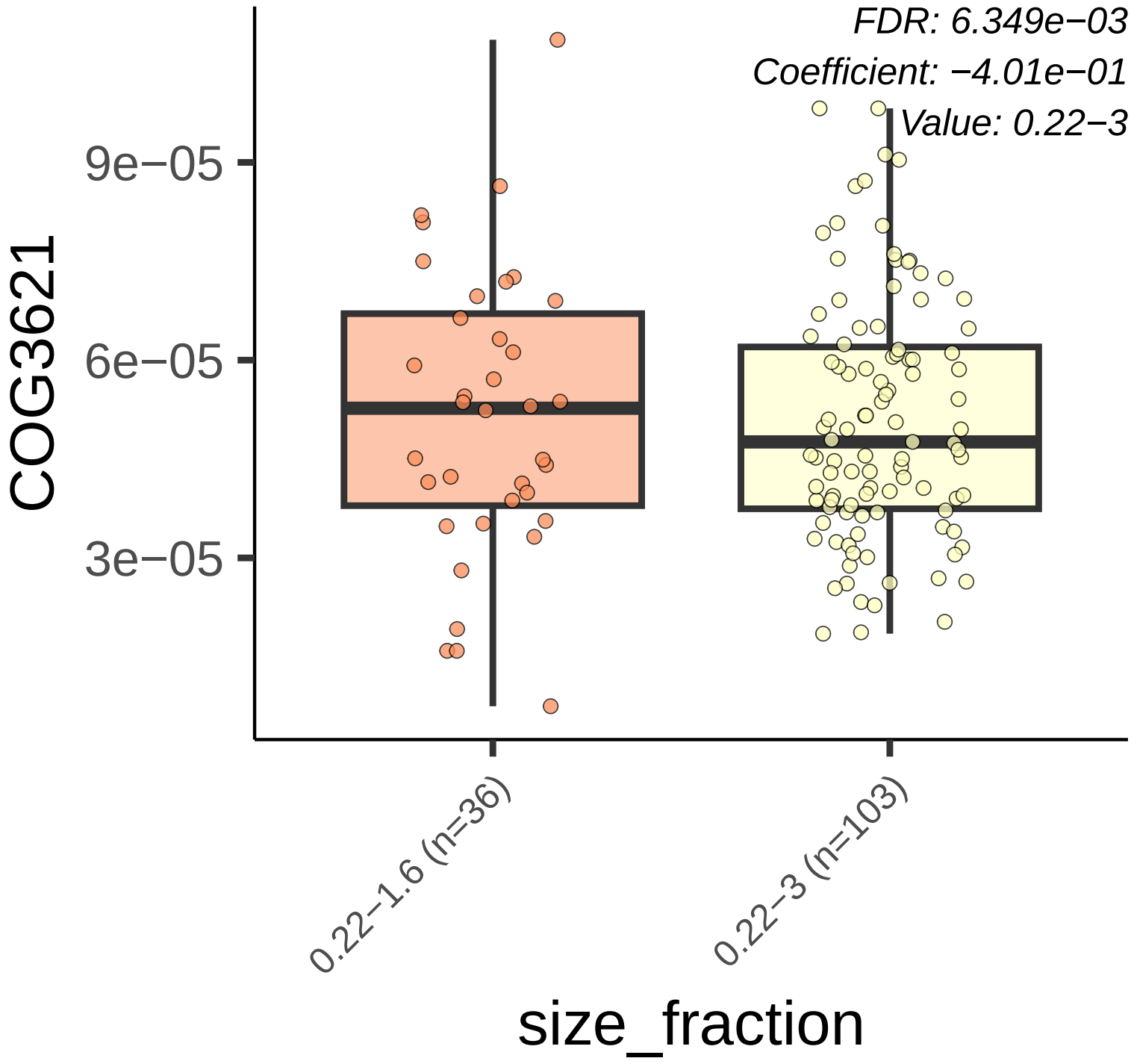

FDR: 6.113e−03
Coefficient: 1.04e+00
Value: 0.22−3
COG2058
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

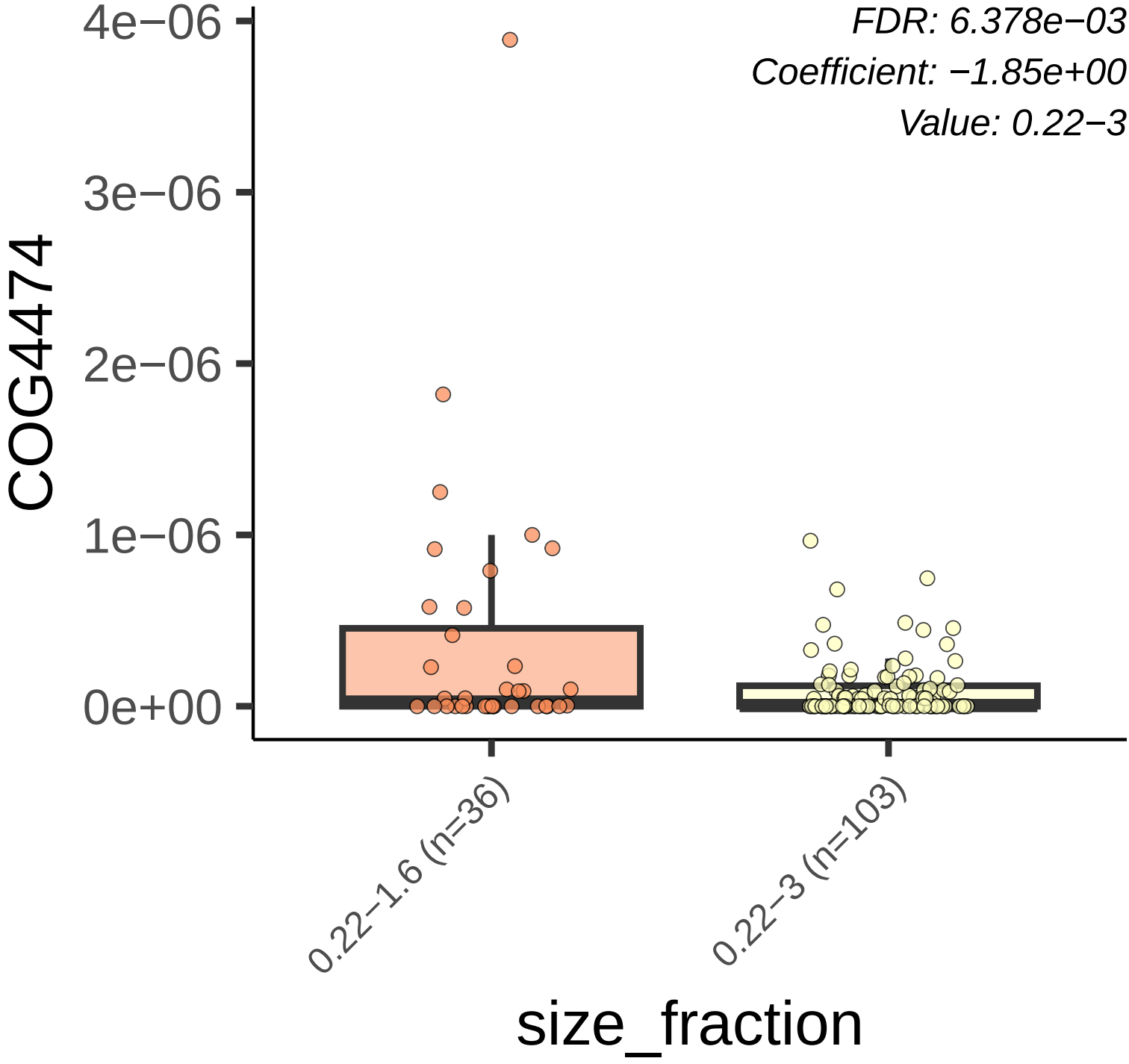

FDR: 6.113e−03
Coefficient: 1.01e+00
Value: 0.22−3
COG2123
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

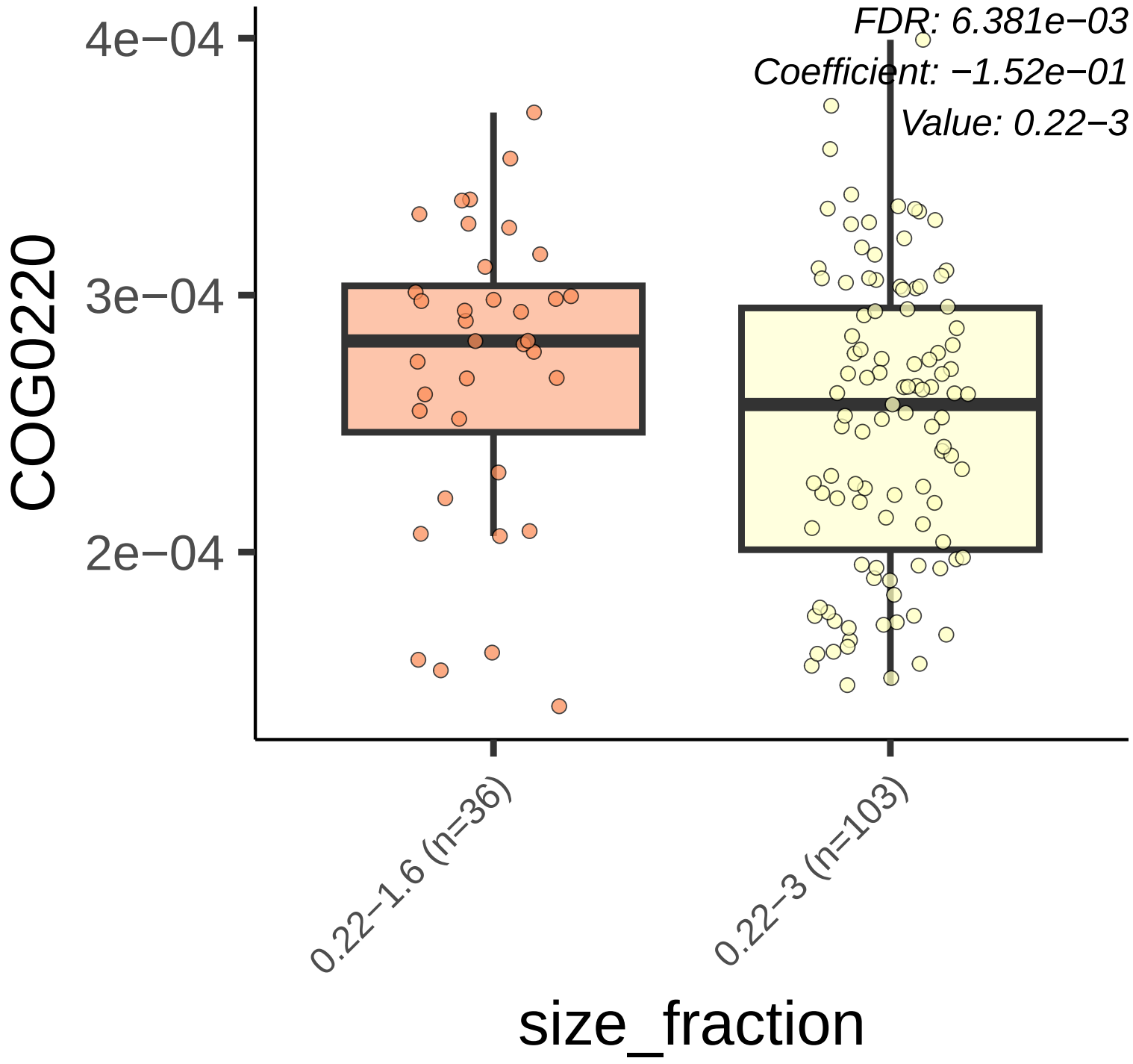

FDR: 6.129e−03
Coefficient: 9.76e−01
Value: 0.22−3
COG1936
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

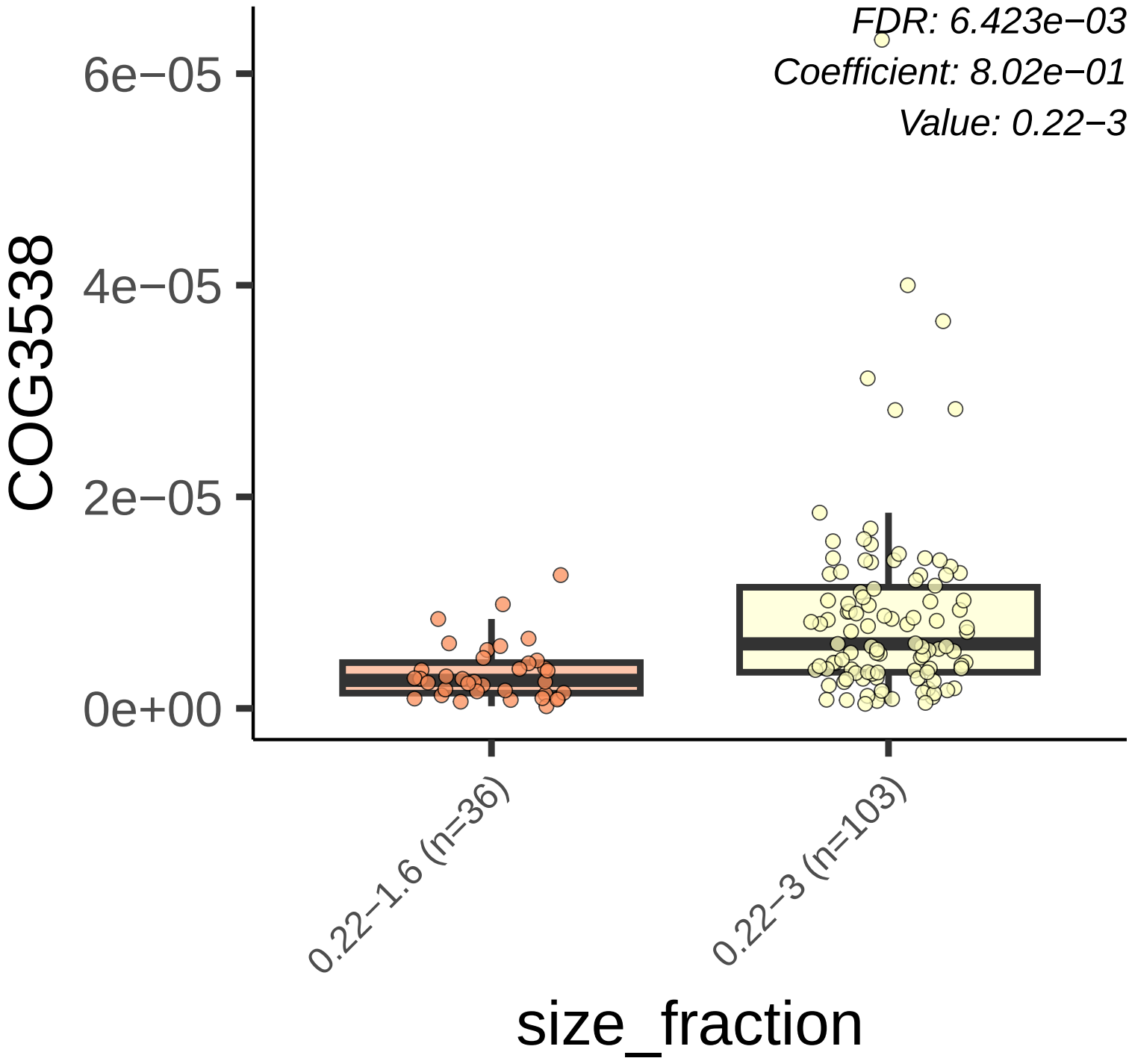

FDR: 6.210e−03
Coefficient: 2.78e+00
Value: 0.22−3
COG3895
3e−06
2e−06
1e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

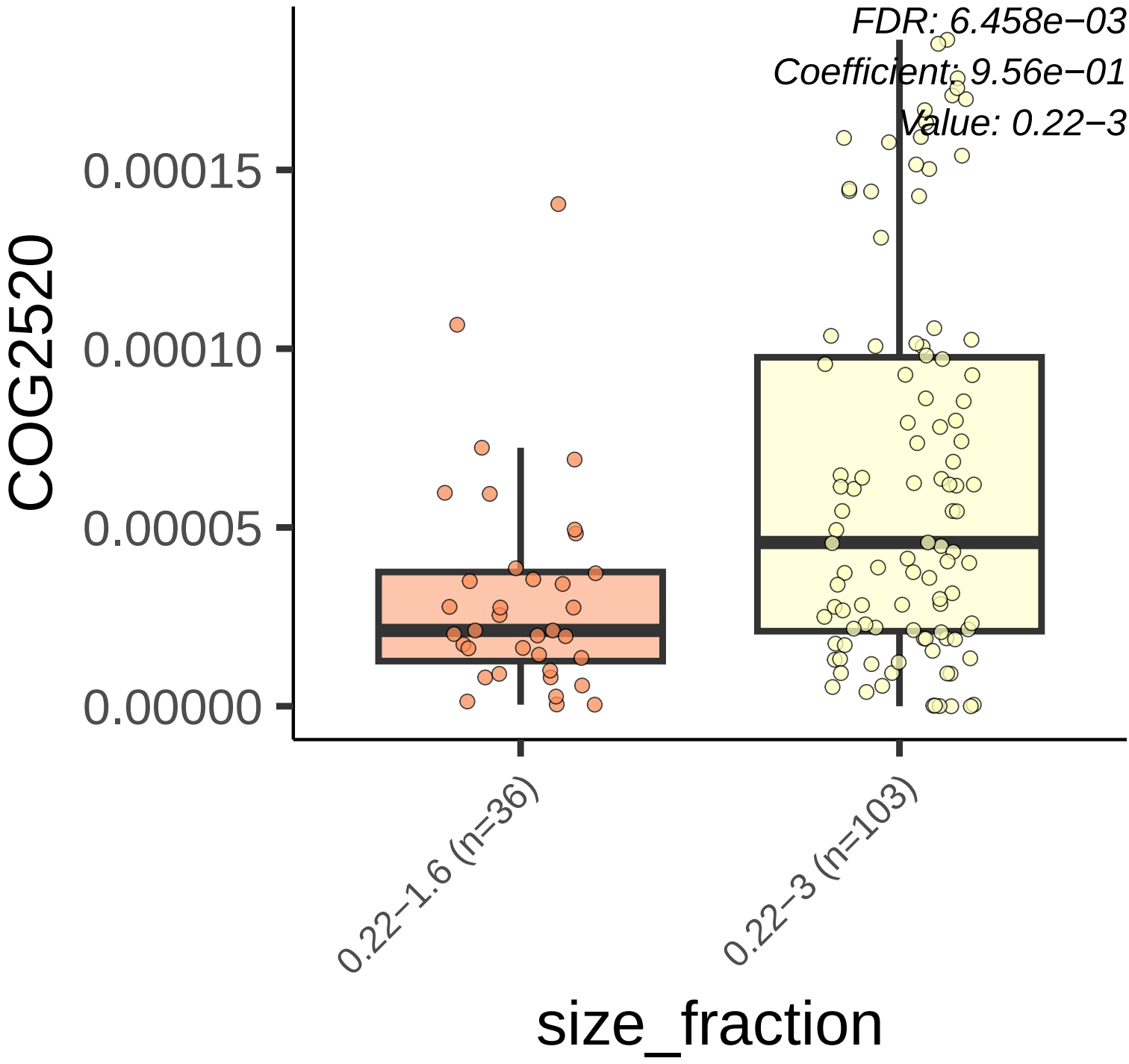

FDR: 6.235e−03
Coefficient: 4.63e−01
Value: 0.22−3
1.0e−04
7.5e−05
5.0e−05
2.5e−05
COG3204
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

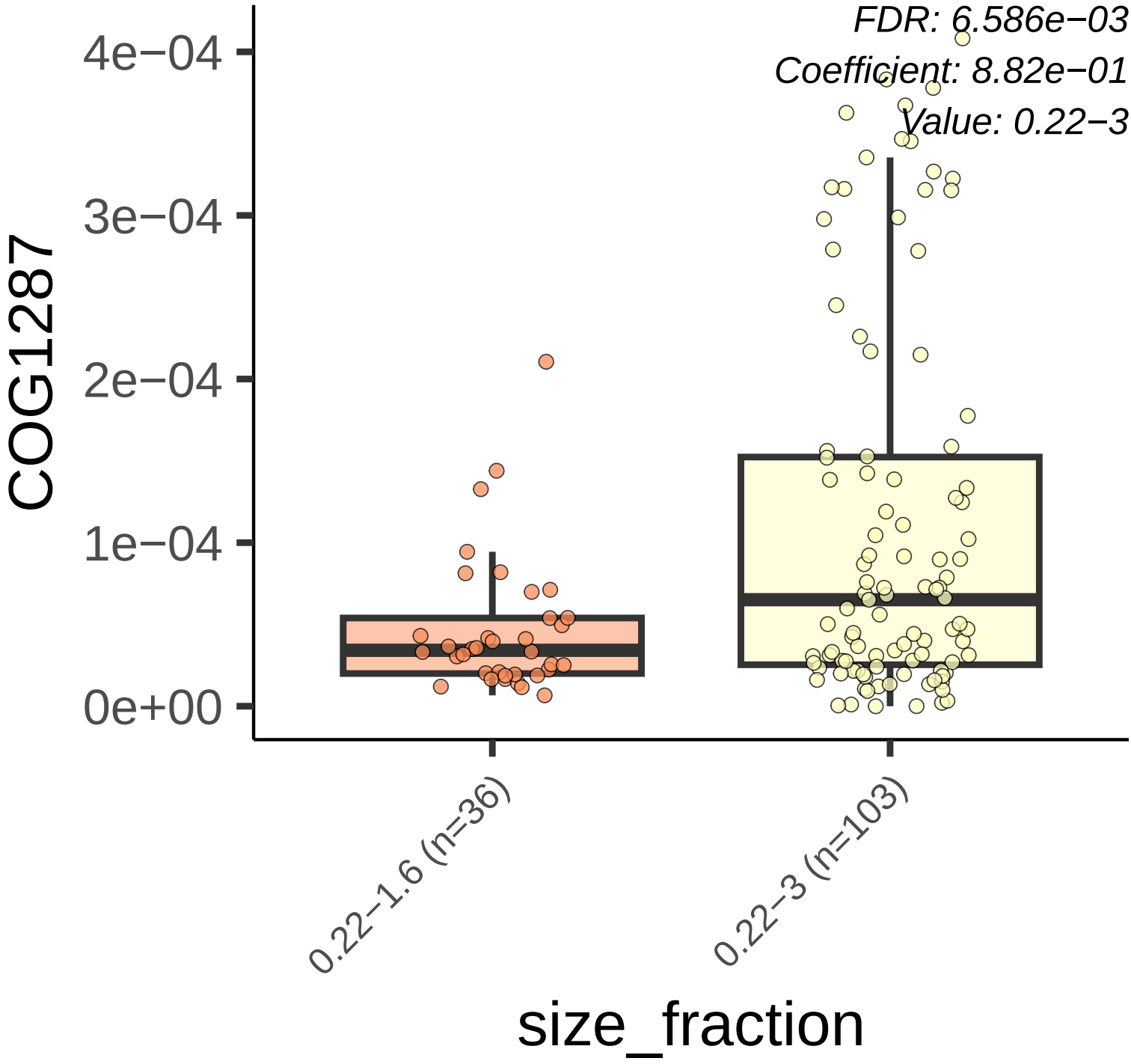

FDR: 6.349e−03
Coefficient: −4.01e−01
Value: 0.22−3
COG3621
9e−05
6e−05
3e−05
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

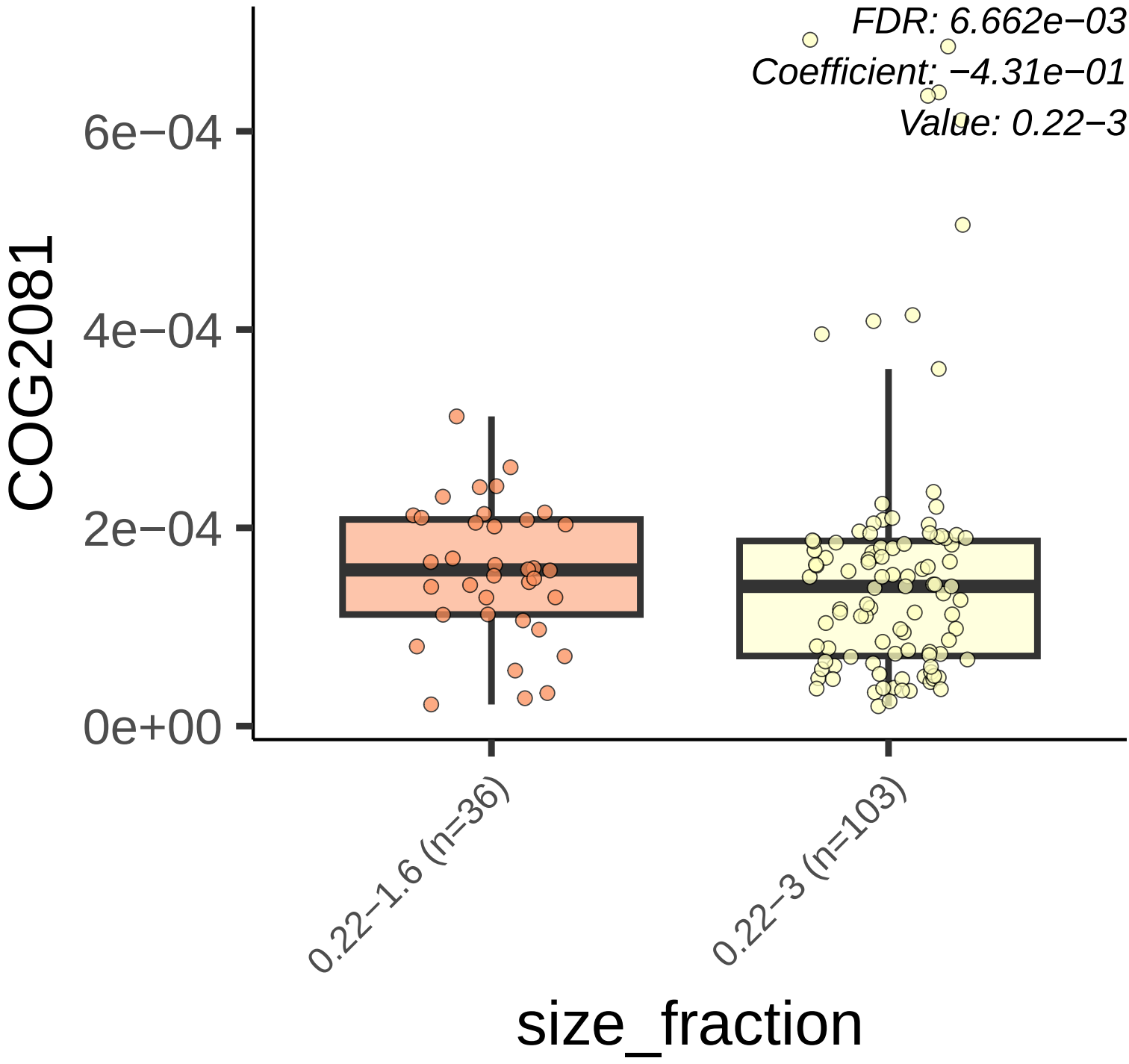

FDR: 6.378e−03
Coefficient: −1.85e+00
Value: 0.22−3
COG4474
4e−06
3e−06
2e−06
1e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

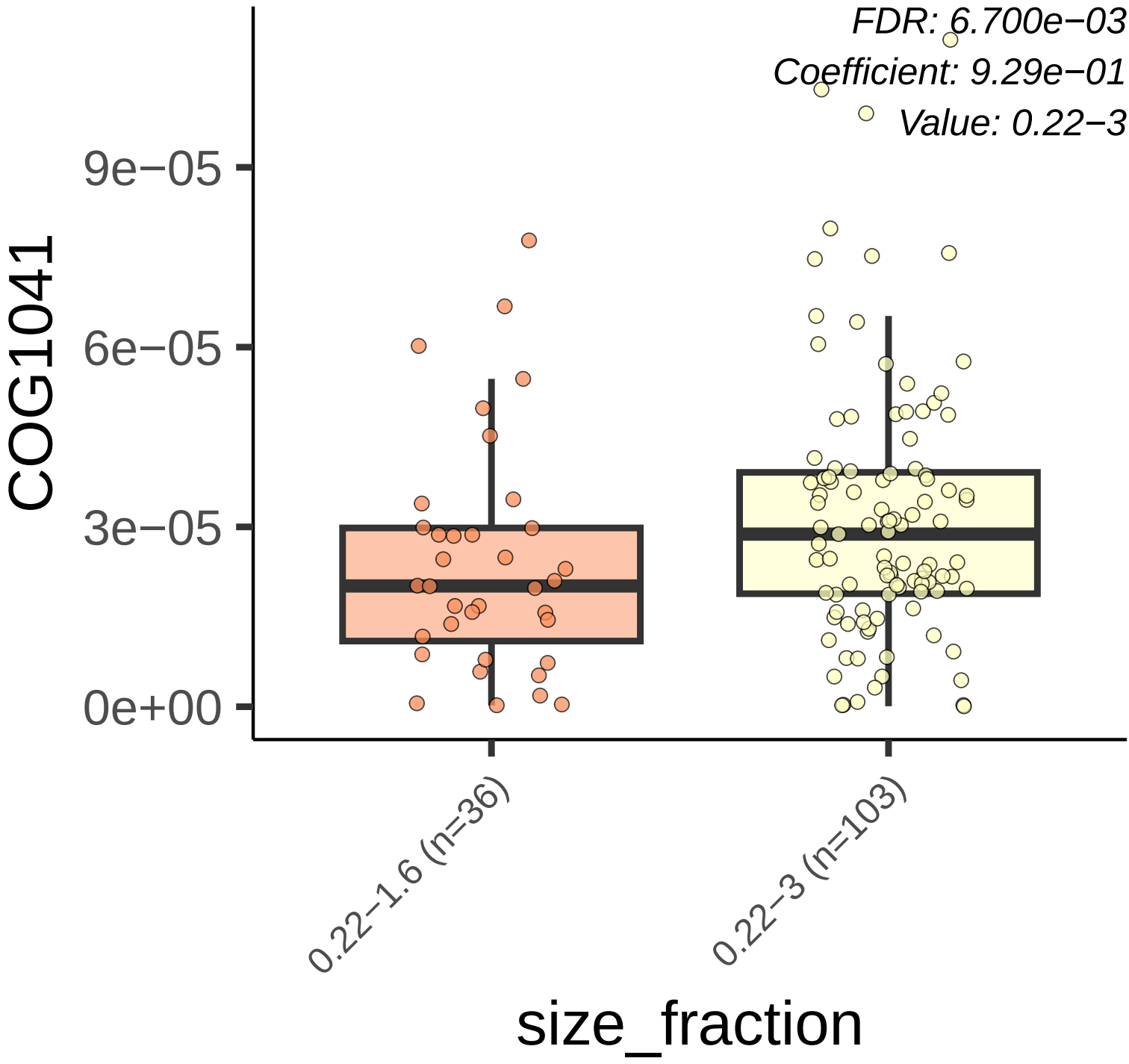

FDR: 6.381e−03
Coefficient: −1.52e−01
Value: 0.22−3
4e−04
3e−04
2e−04
COG0220
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

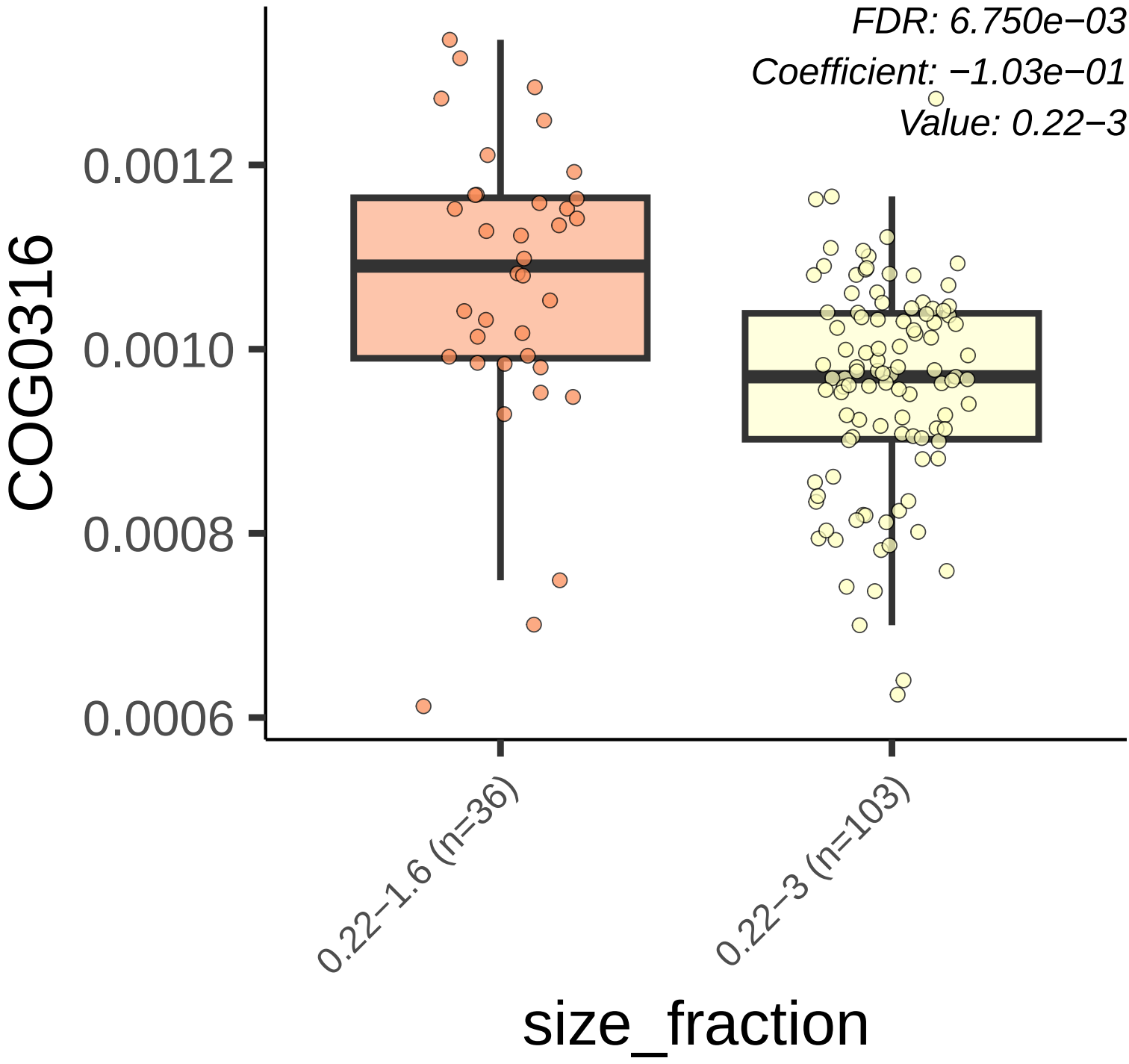

FDR: 6.423e−03
Coefficient: 8.02e−01
Value: 0.22−3
COG3538
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

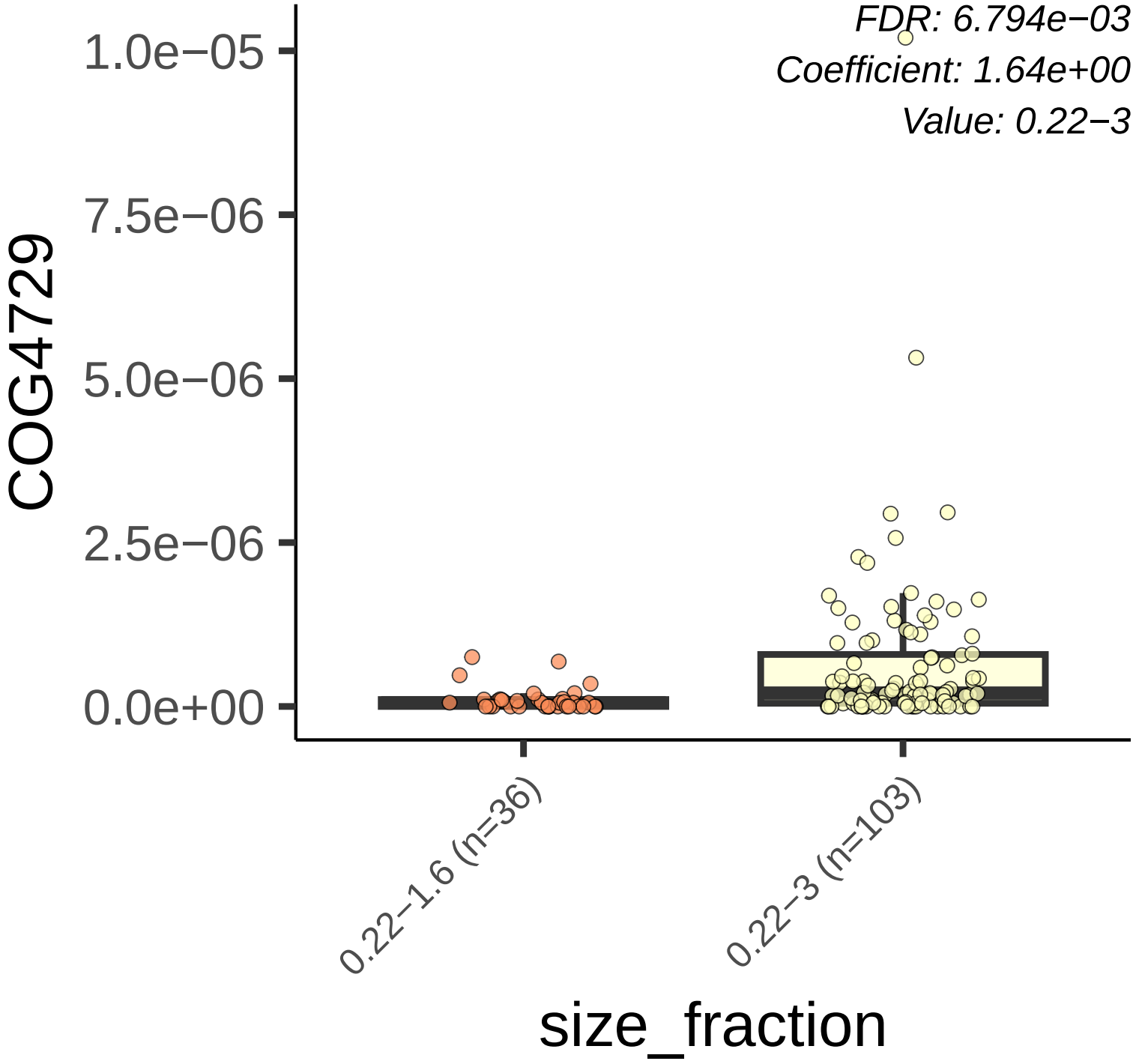

FDR: 6.458e−03
Coefficient: 9.56e−01
Value: 0.22−3
COG2520
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

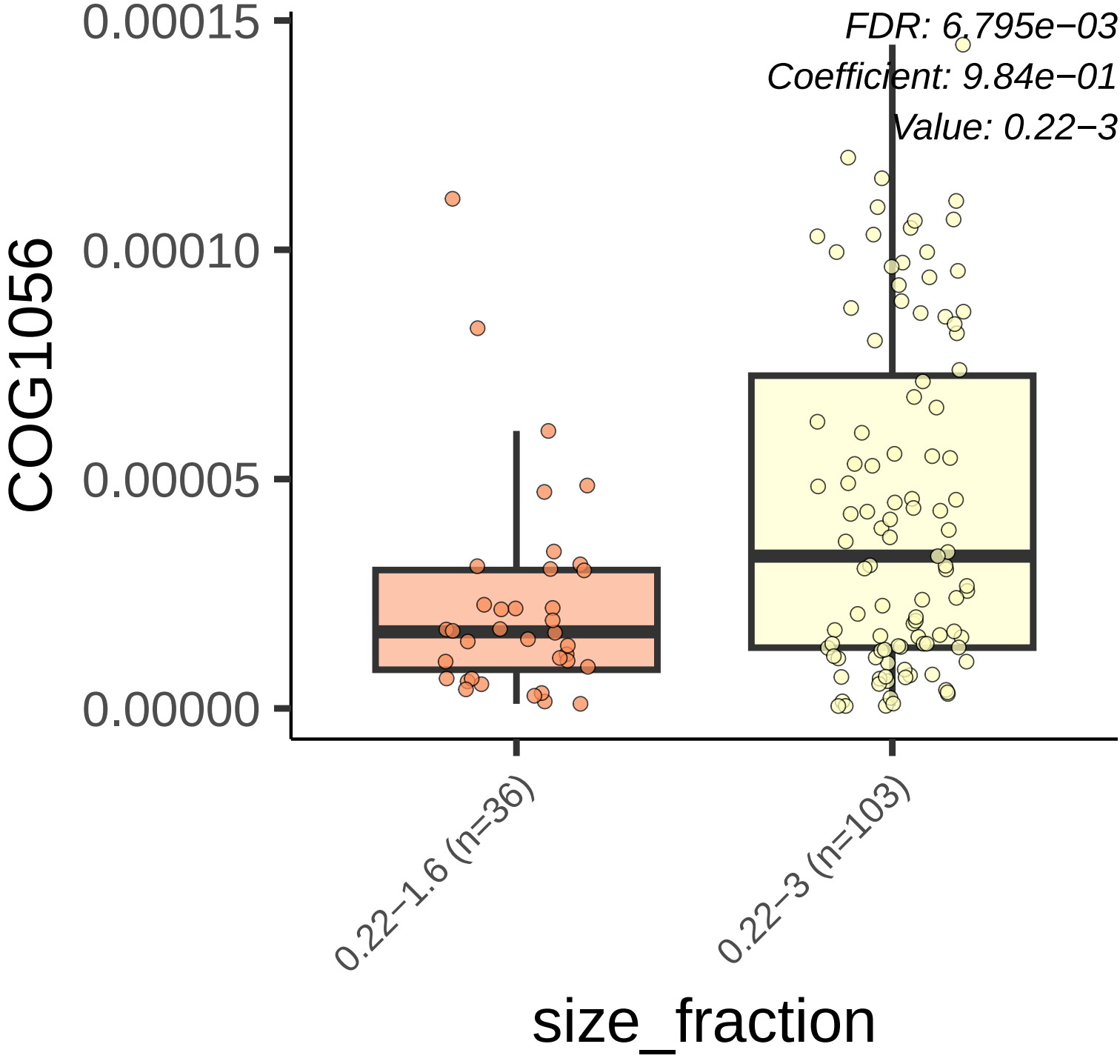

FDR: 6.586e−03
Coefficient: 8.82e−01
Value: 0.22−3
COG1287
4e−04
3e−04
2e−04
1e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

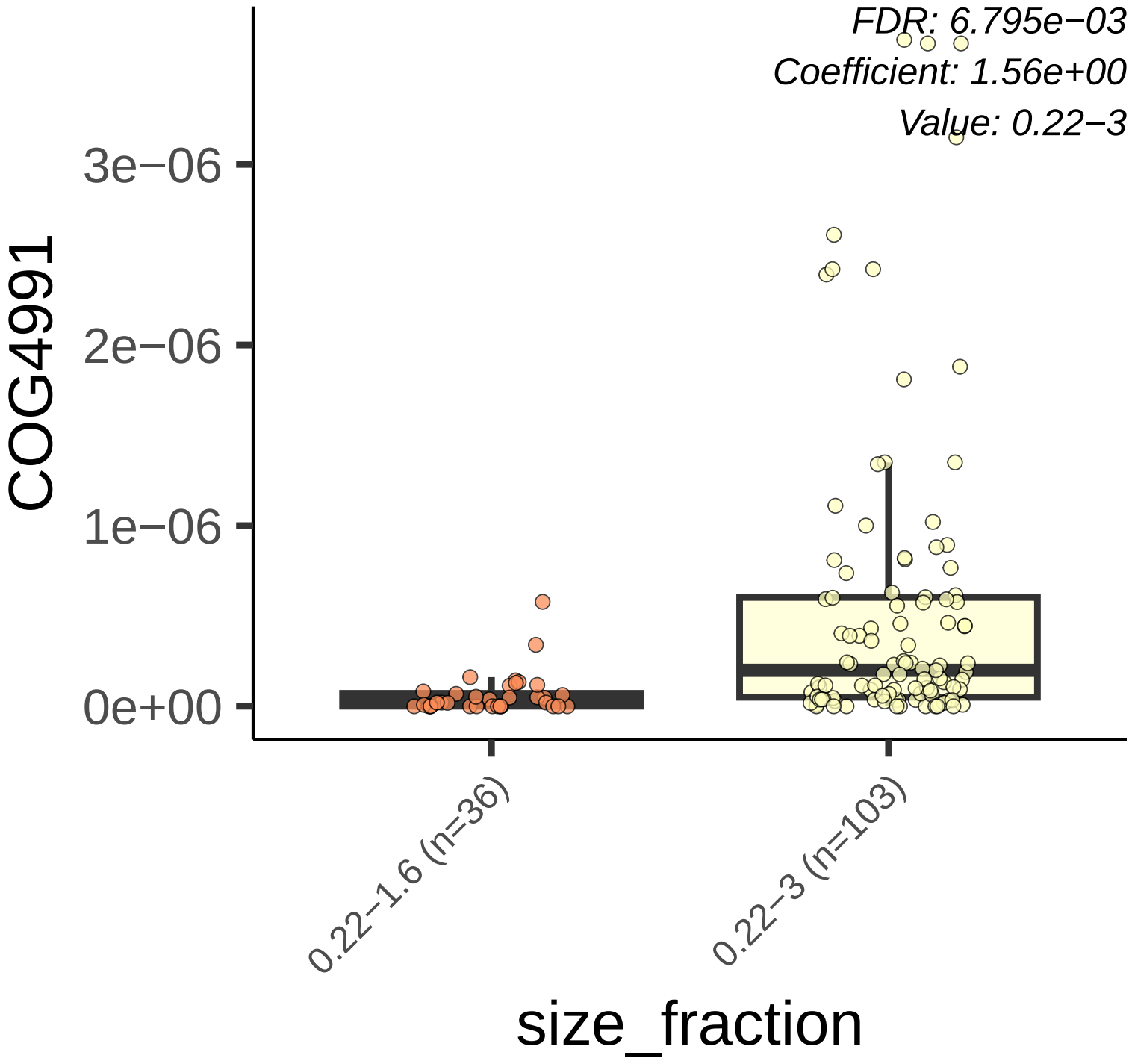

FDR: 6.662e−03
Coefficient: −4.31e−01
Value: 0.22−3
COG2081
6e−04
4e−04
2e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

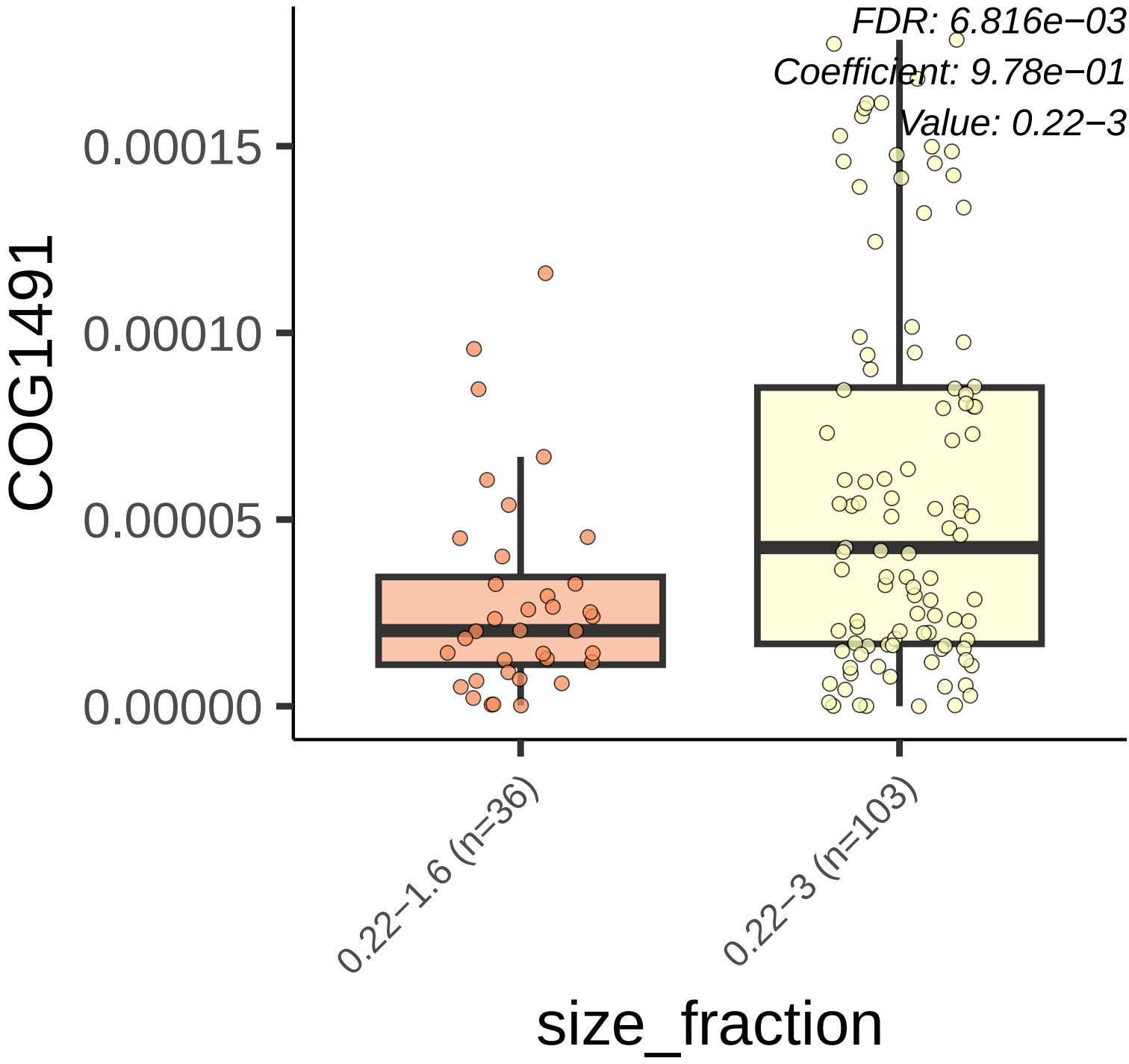

FDR: 6.700e−03
Coefficient: 9.29e−01
Value: 0.22−3
COG1041
9e−05
6e−05
3e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

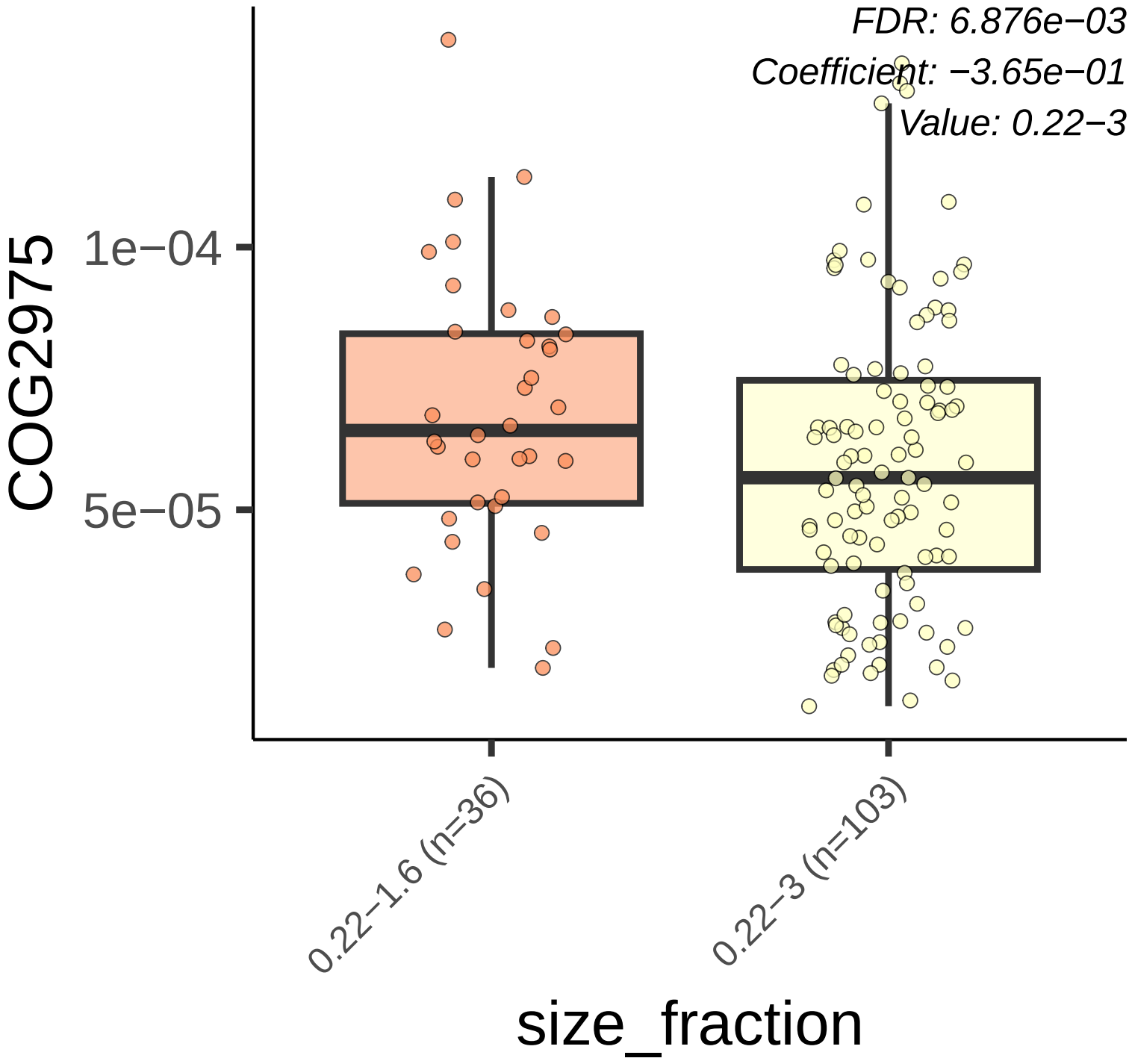

FDR: 6.750e−03
Coefficient: −1.03e−01
Value: 0.22−3
COG0316
0.0012
0.0010
0.0008
0.0006
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

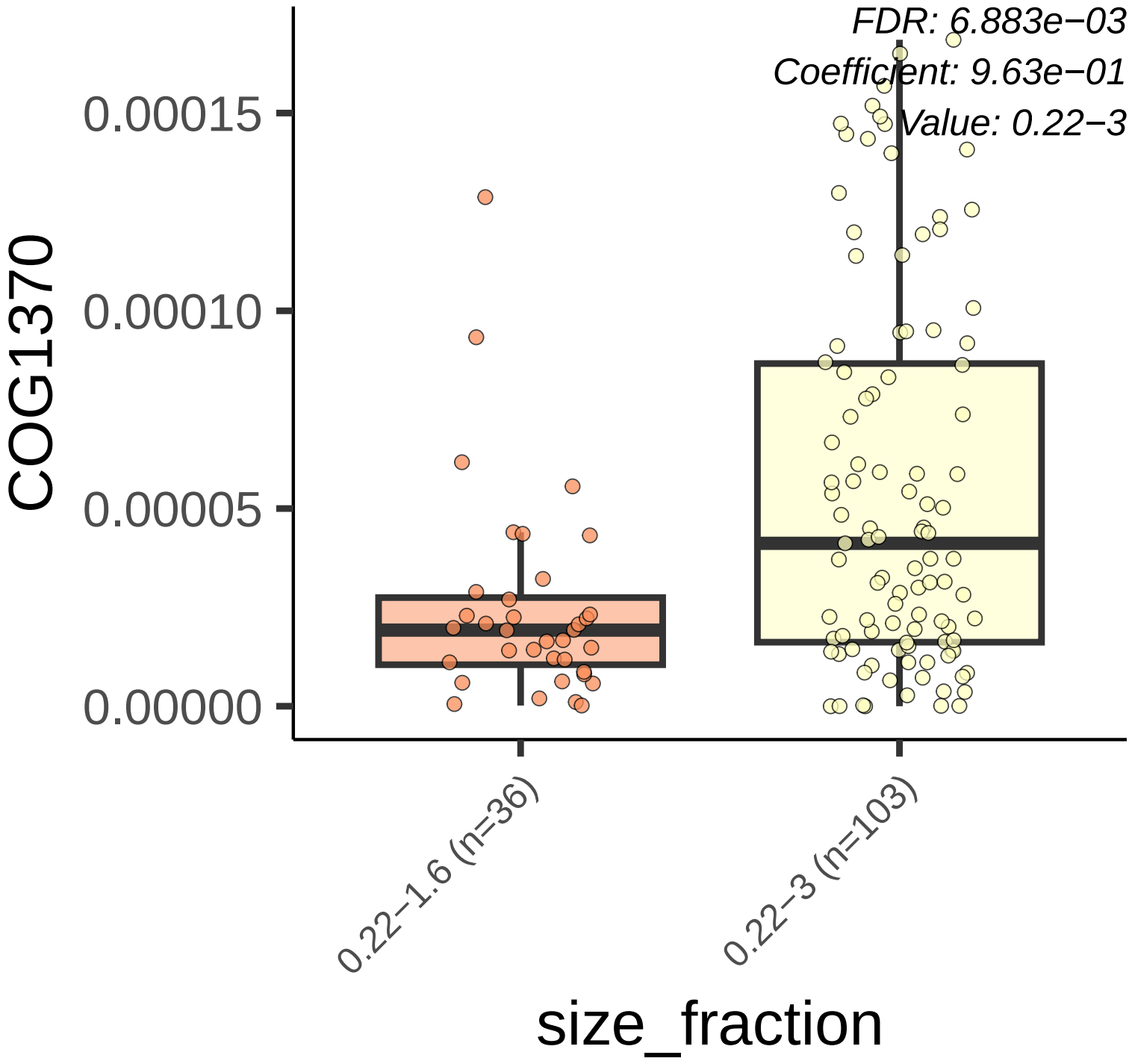

FDR: 6.794e−03
Coefficient: 1.64e+00
Value: 0.22−3
COG4729
1.0e−05
7.5e−06
5.0e−06
2.5e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

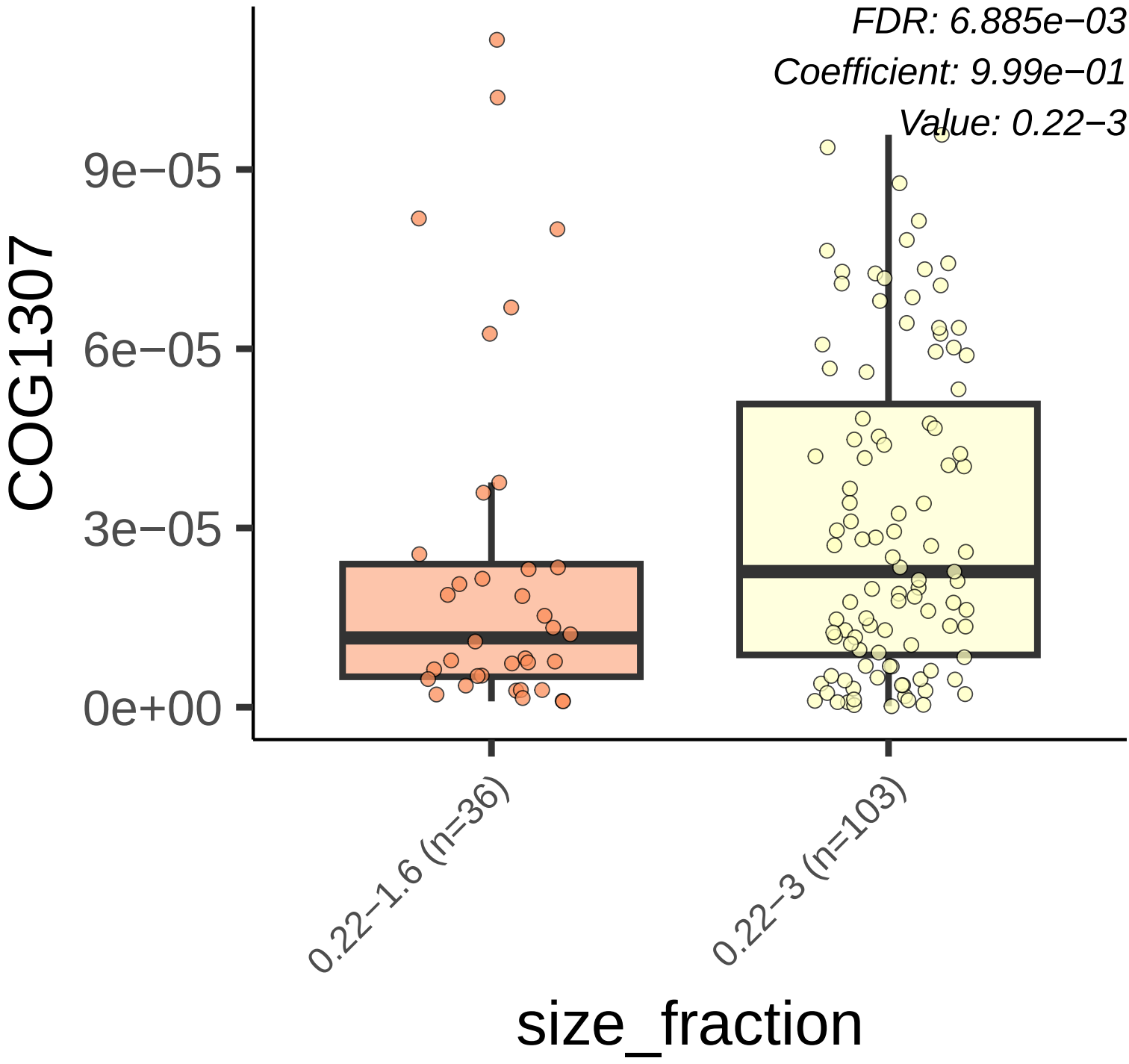

FDR: 6.795e−03
Coefficient: 9.84e−01
Value: 0.22−3
COG1056
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

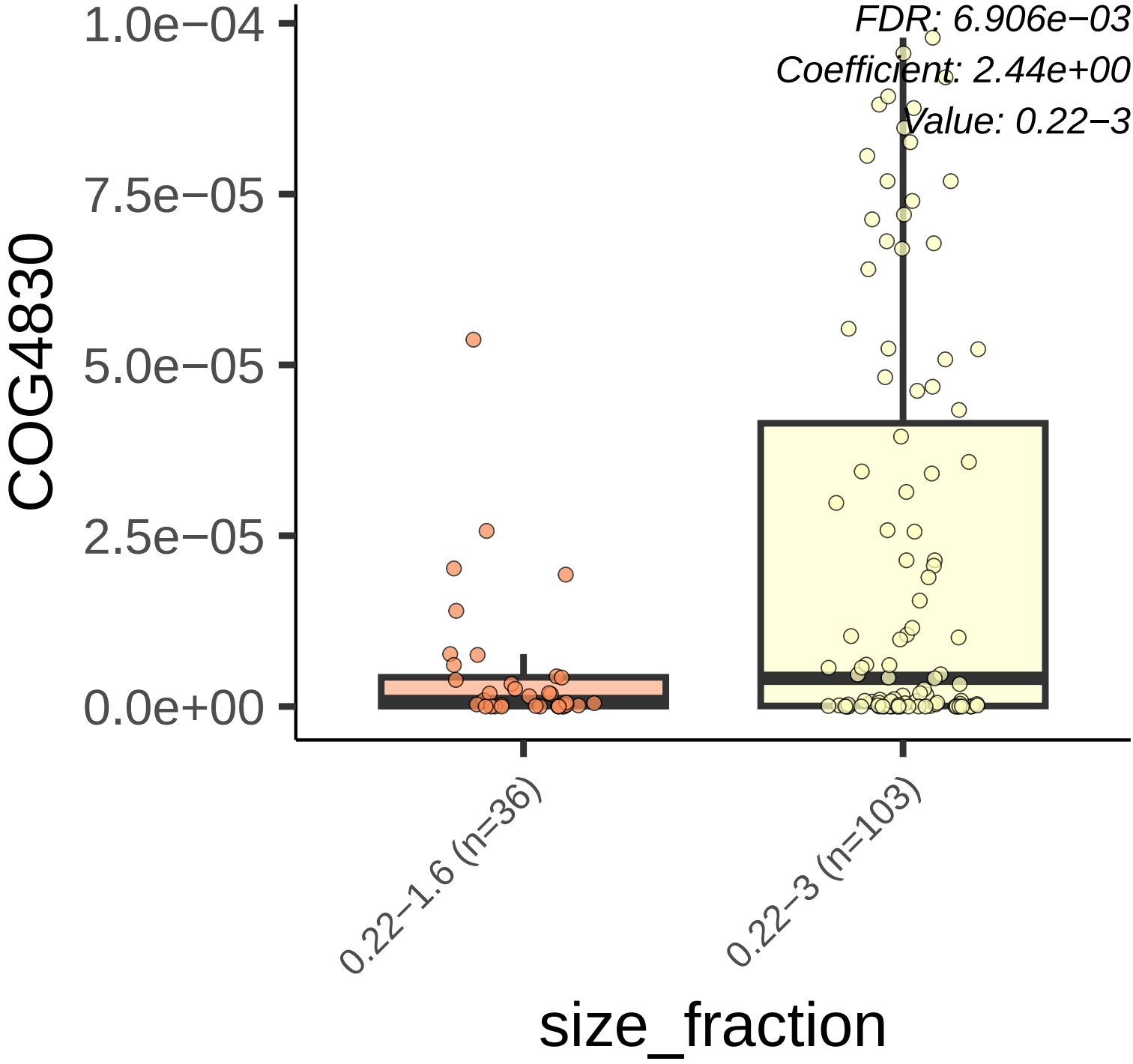

FDR: 6.795e−03
Coefficient: 1.56e+00
Value: 0.22−3
COG4991
3e−06
2e−06
1e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

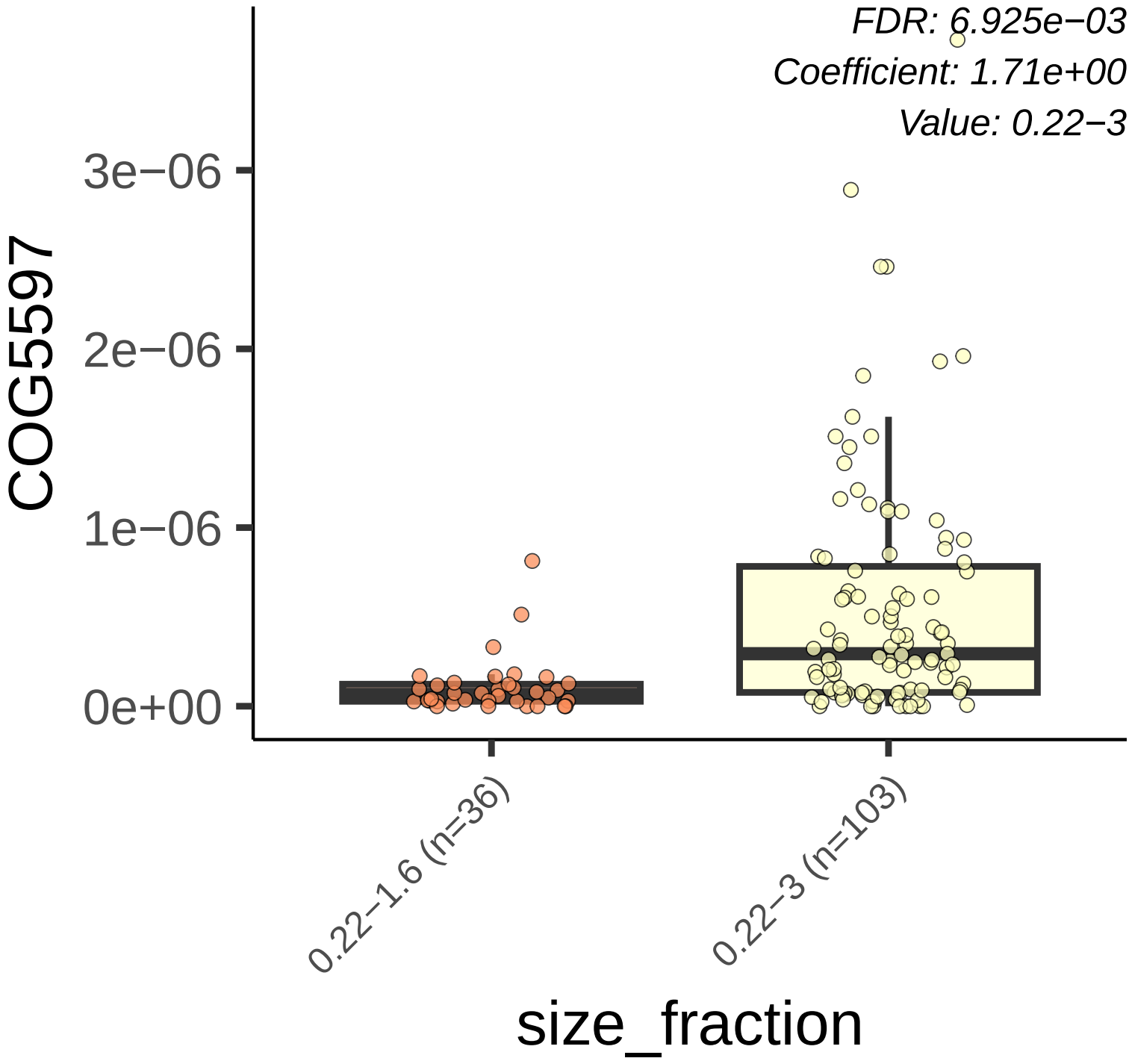

FDR: 6.816e−03
Coefficient: 9.78e−01
Value: 0.22−3
COG1491
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

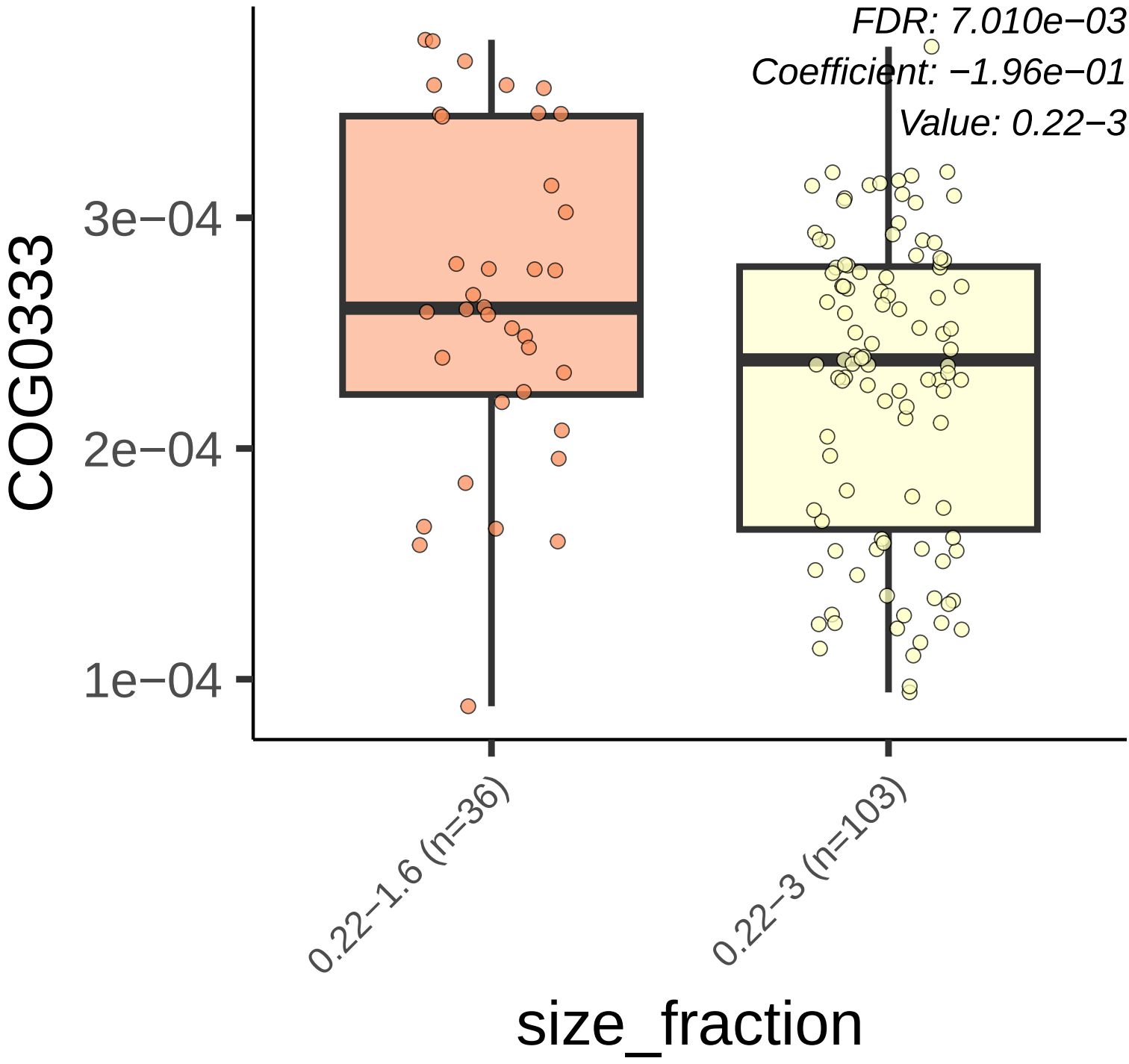

FDR: 6.876e−03
Coefficient: −3.65e−01
Value: 0.22−3
COG2975
1e−04
5e−05
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

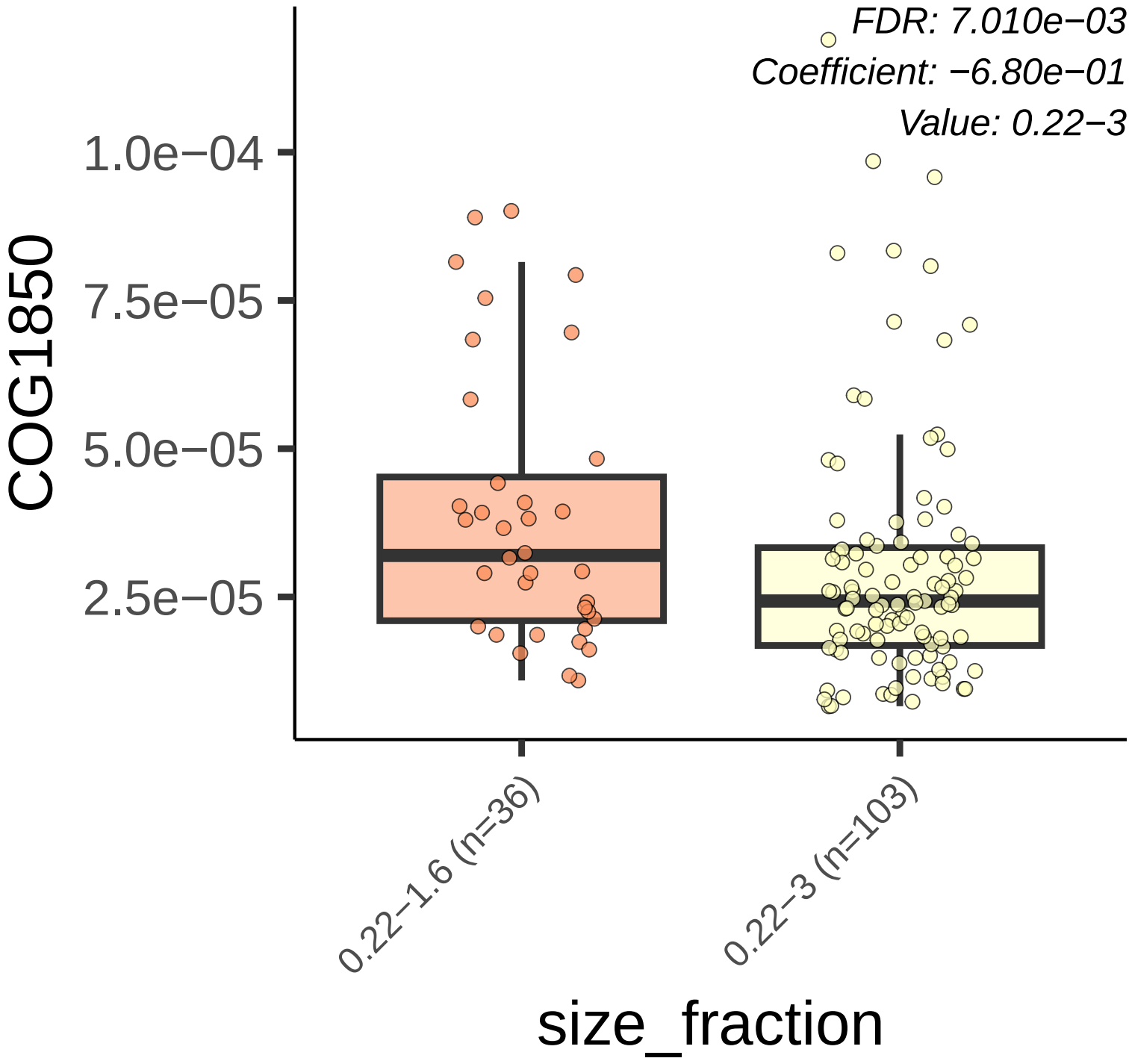

FDR: 6.883e−03
Coefficient: 9.63e−01
Value: 0.22−3
COG1370
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

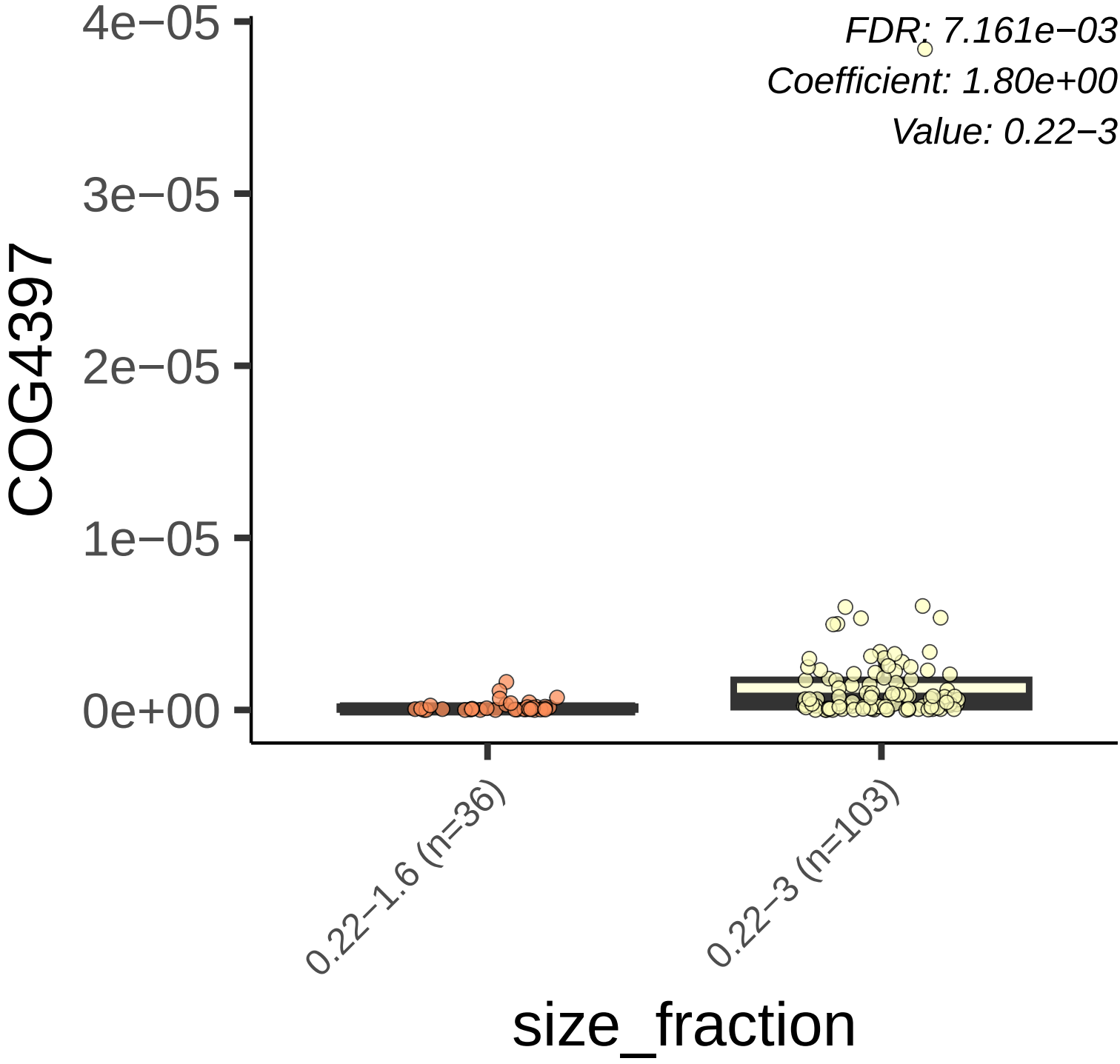

FDR: 6.885e−03
Coefficient: 9.99e−01
Value: 0.22−3
COG1307
9e−05
6e−05
3e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

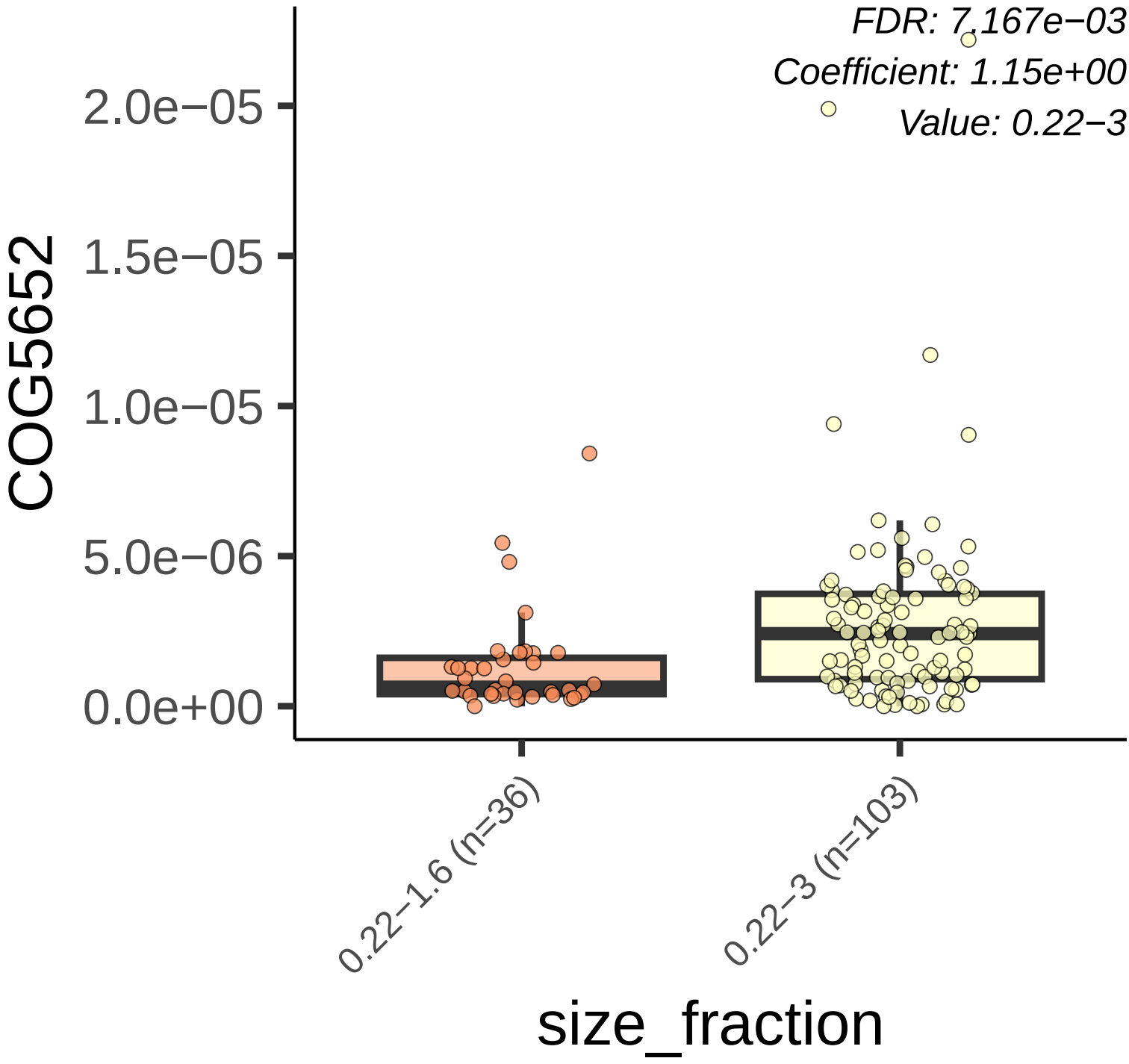

FDR: 6.906e−03
Coefficient: 2.44e+00
Value: 0.22−3
1.0e−04
7.5e−05
5.0e−05
2.5e−05
0.0e+00
COG4830
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

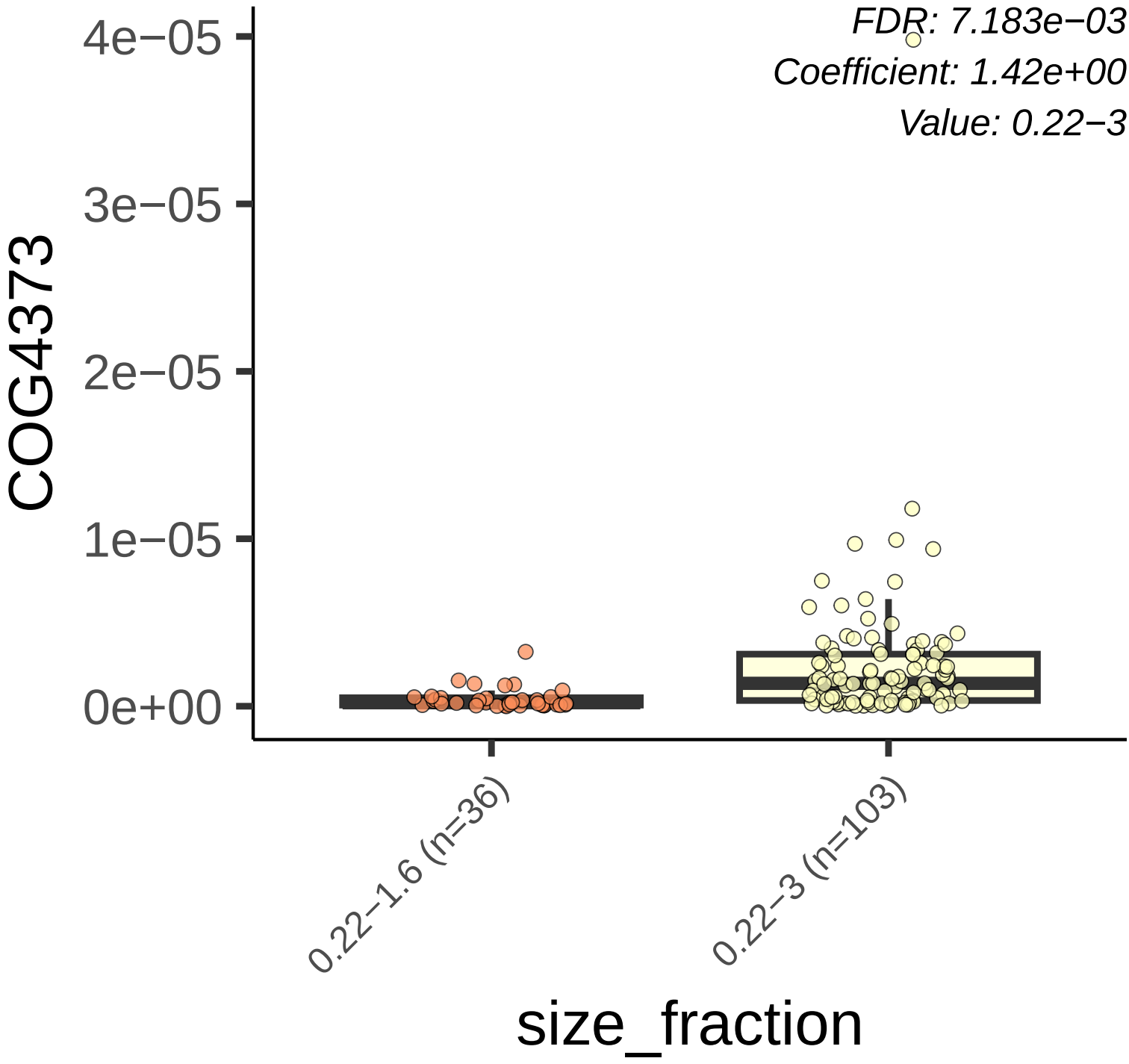

FDR: 6.925e−03
Coefficient: 1.71e+00
Value: 0.22−3
COG5597
3e−06
2e−06
1e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

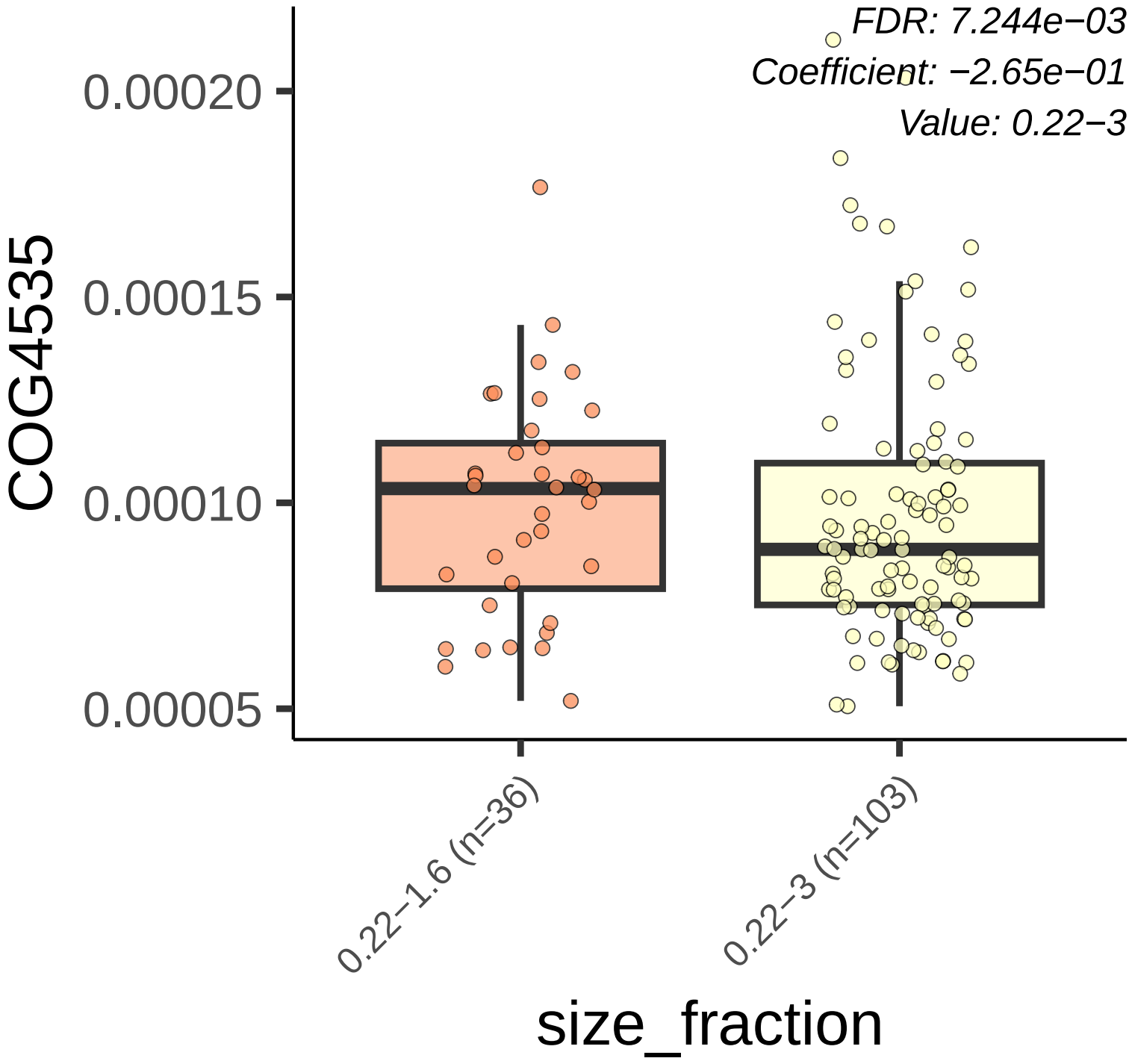

FDR: 7.010e−03
Coefficient: −1.96e−01
Value: 0.22−3
COG0333
3e−04
2e−04
1e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

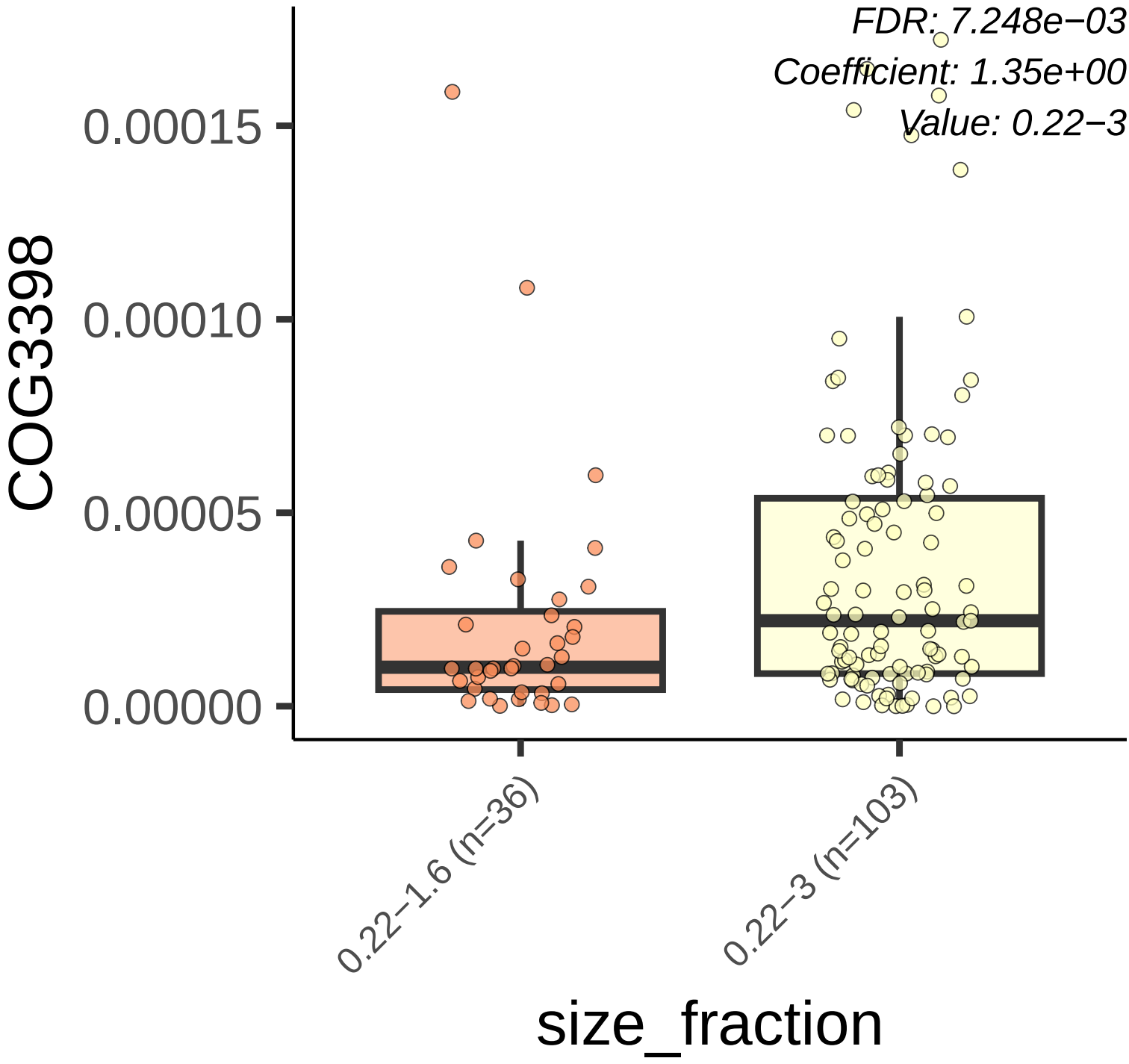

FDR: 7.010e−03
Coefficient: −6.80e−01
Value: 0.22−3
COG1850
1.0e−04
7.5e−05
5.0e−05
2.5e−05
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

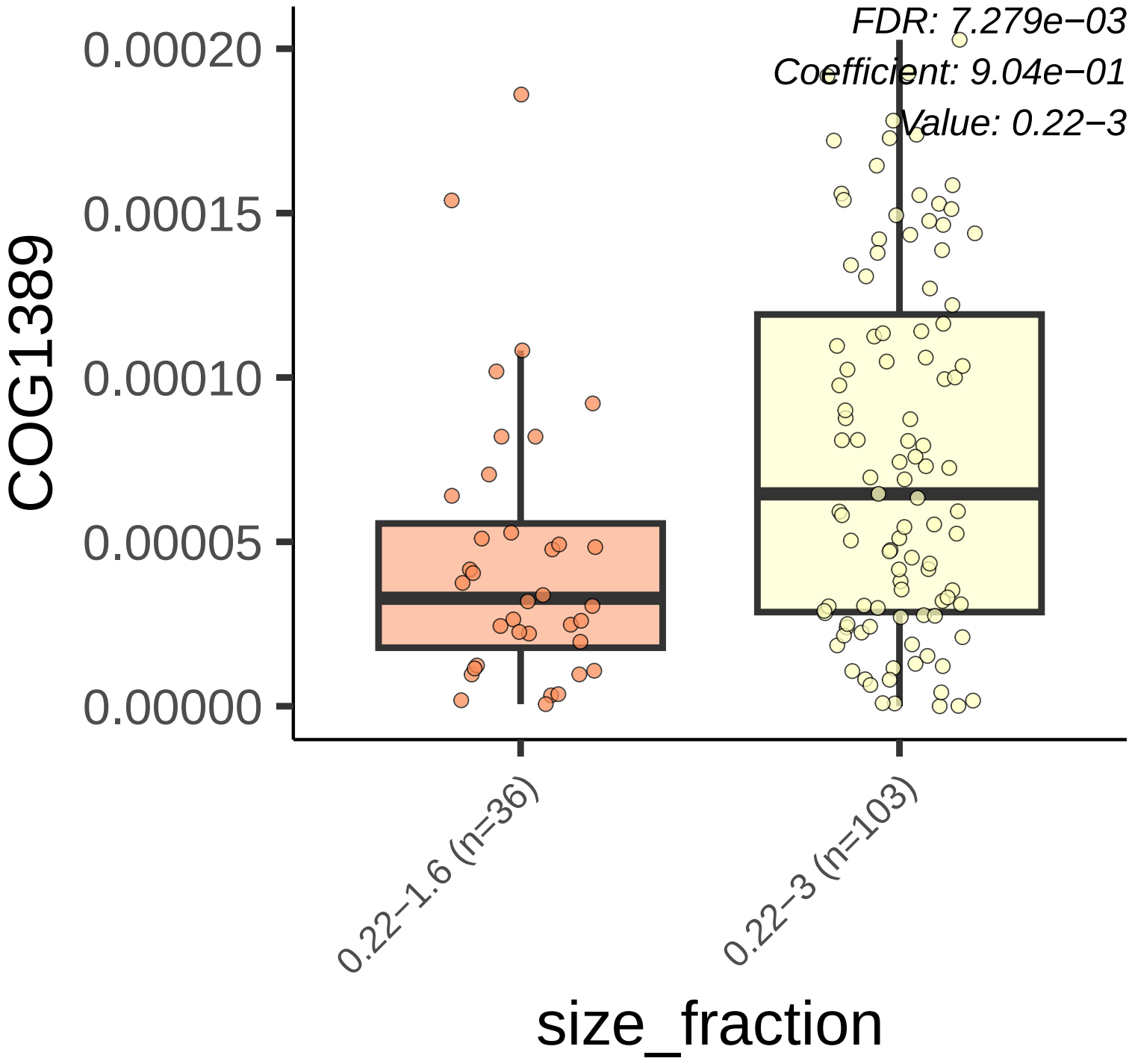

FDR: 7.161e−03
Coefficient: 1.80e+00
Value: 0.22−3
COG4397
4e−05
3e−05
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

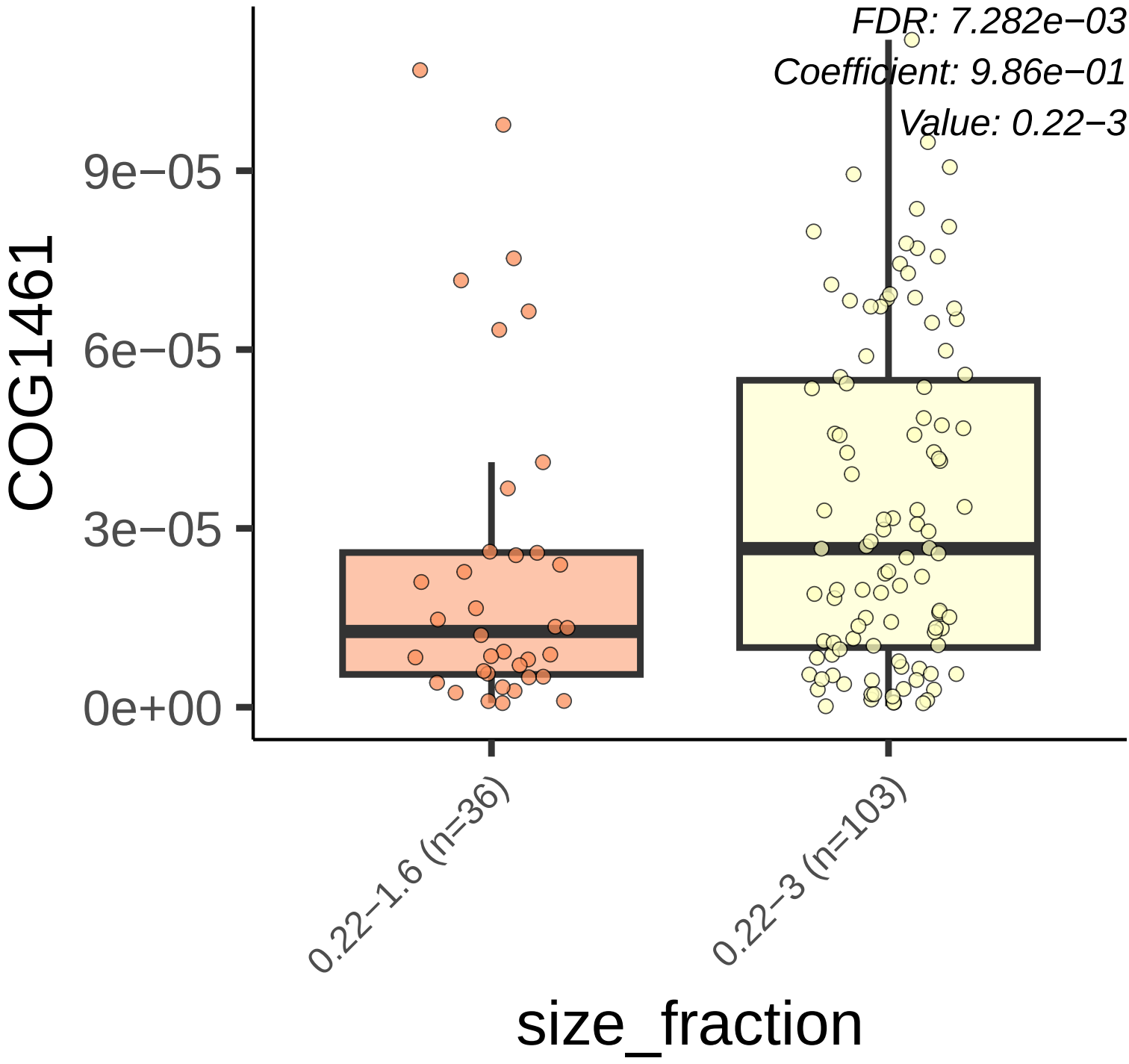

FDR: 7.167e−03
Coefficient: 1.15e+00
Value: 0.22−3
COG5652
2.0e−05
1.5e−05
1.0e−05
5.0e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

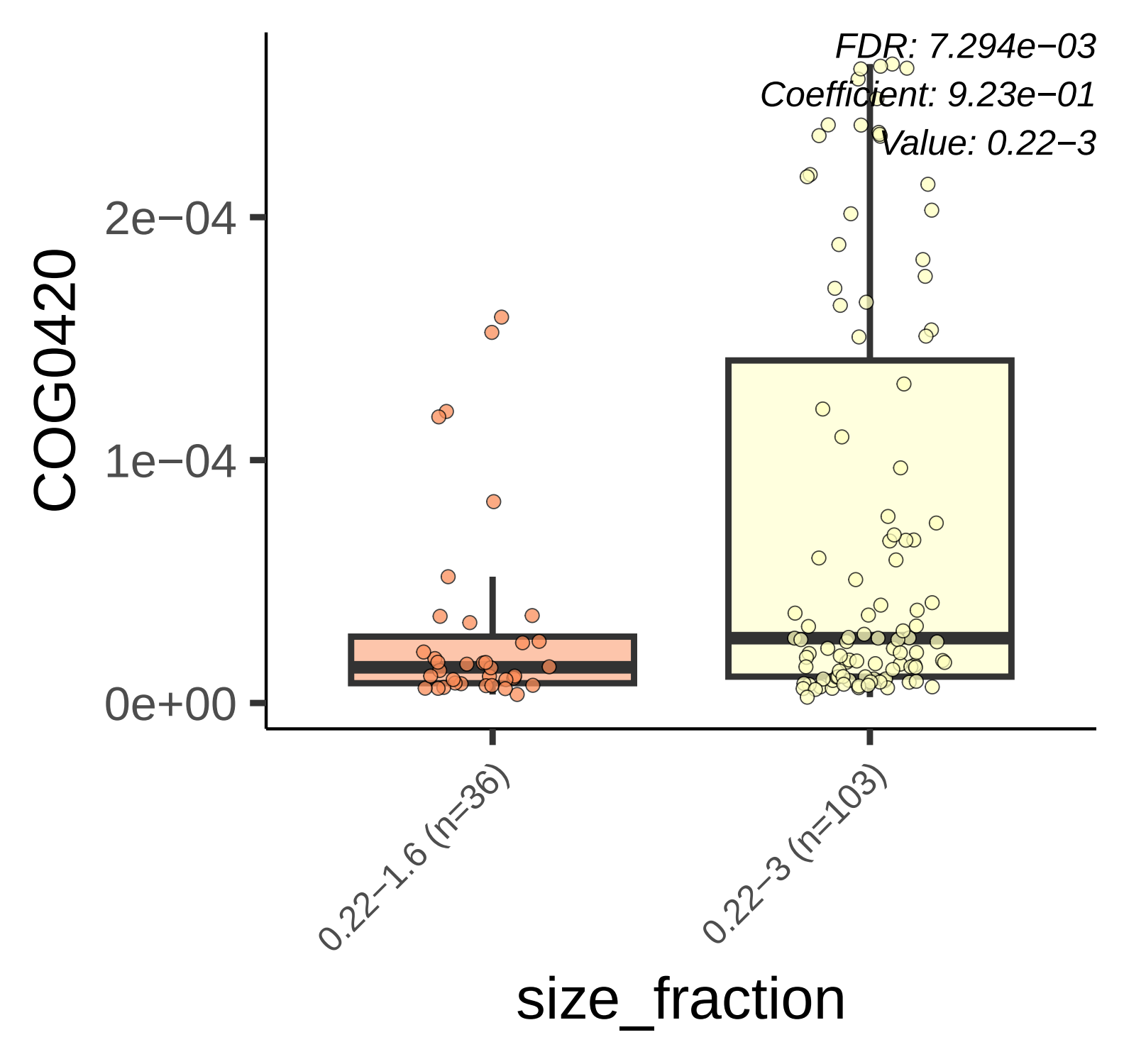

FDR: 7.183e−03
Coefficient: 1.42e+00
Value: 0.22−3
COG4373
4e−05
3e−05
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

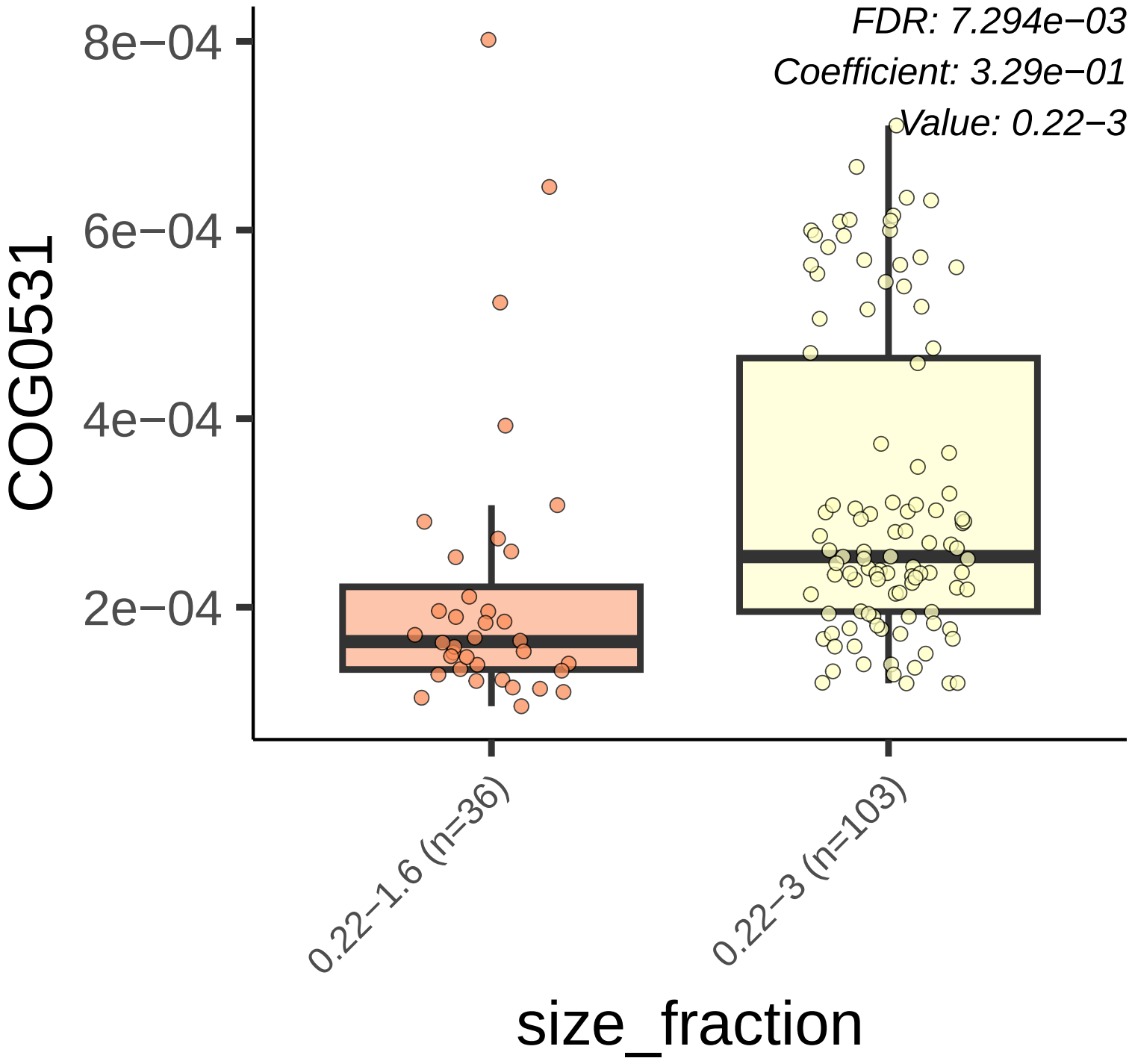

FDR: 7.244e−03
Coefficient: −2.65e−01
Value: 0.22−3
COG4535
0.00020
0.00015
0.00010
0.00005
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

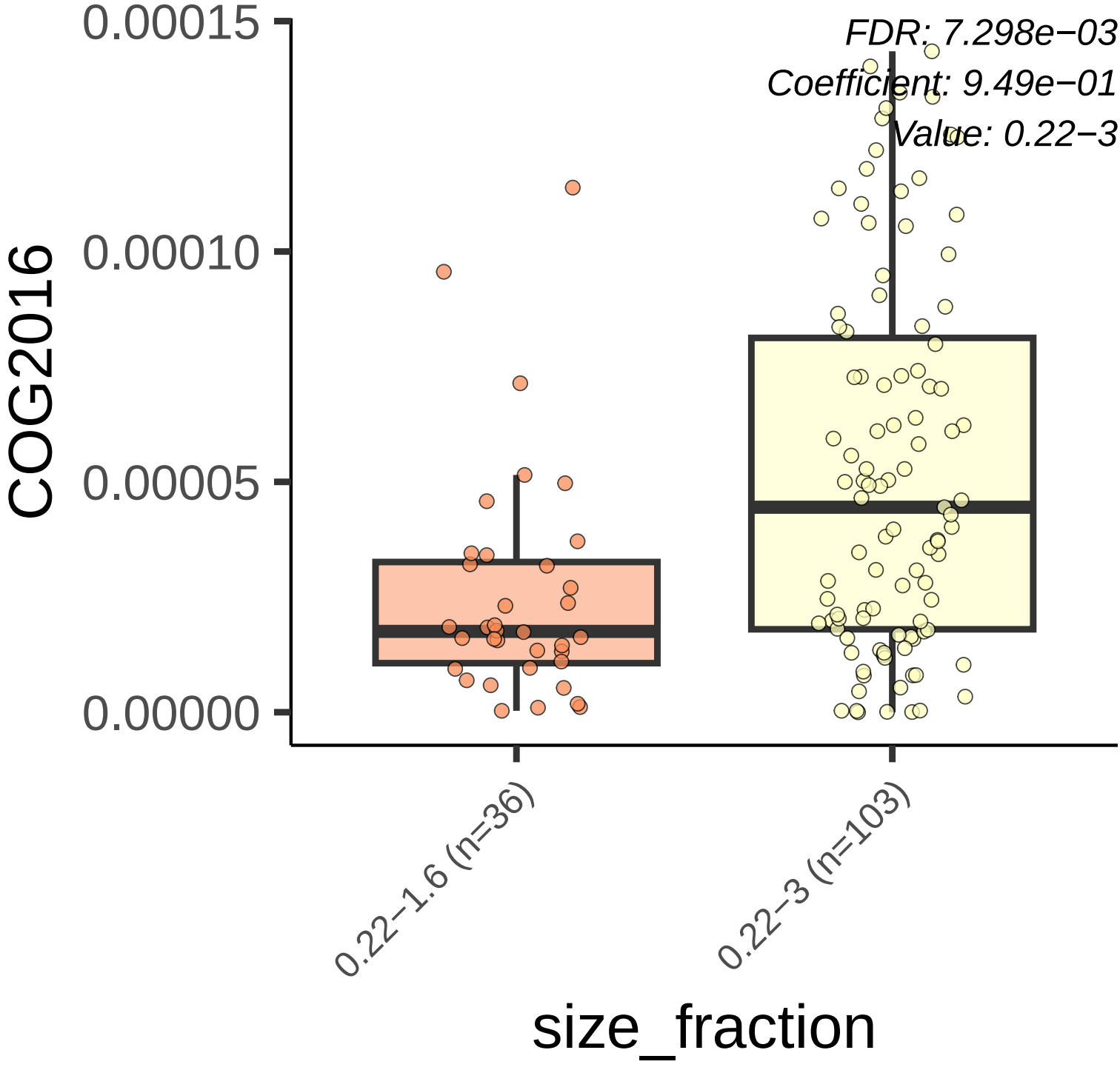

FDR: 7.248e−03
Coefficient: 1.35e+00
Value: 0.22−3
COG3398
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

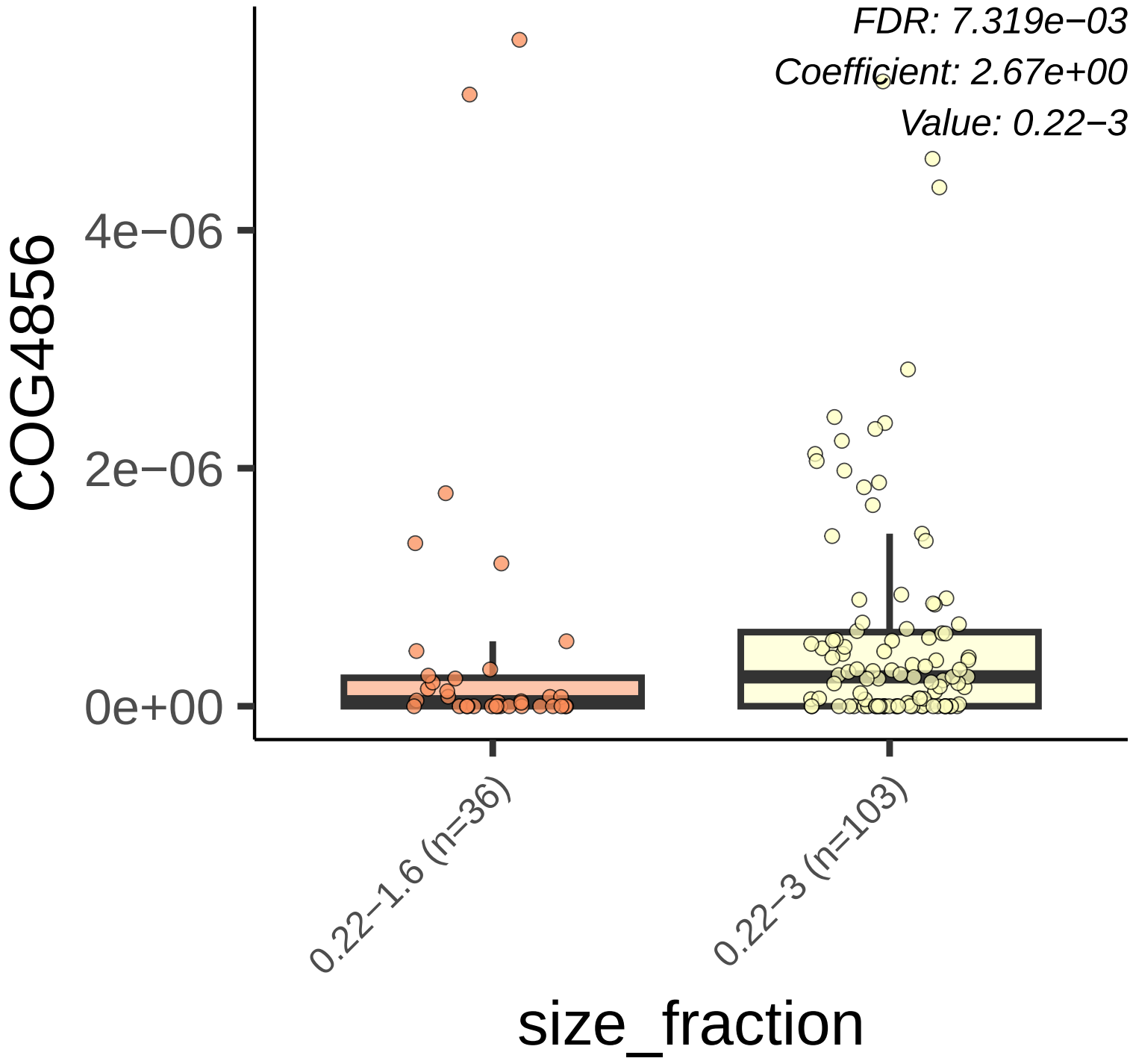

FDR: 7.279e−03
Coefficient: 9.04e−01
Value: 0.22−3
0.00020
0.00015
0.00010
0.00005
0.00000
COG1389
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

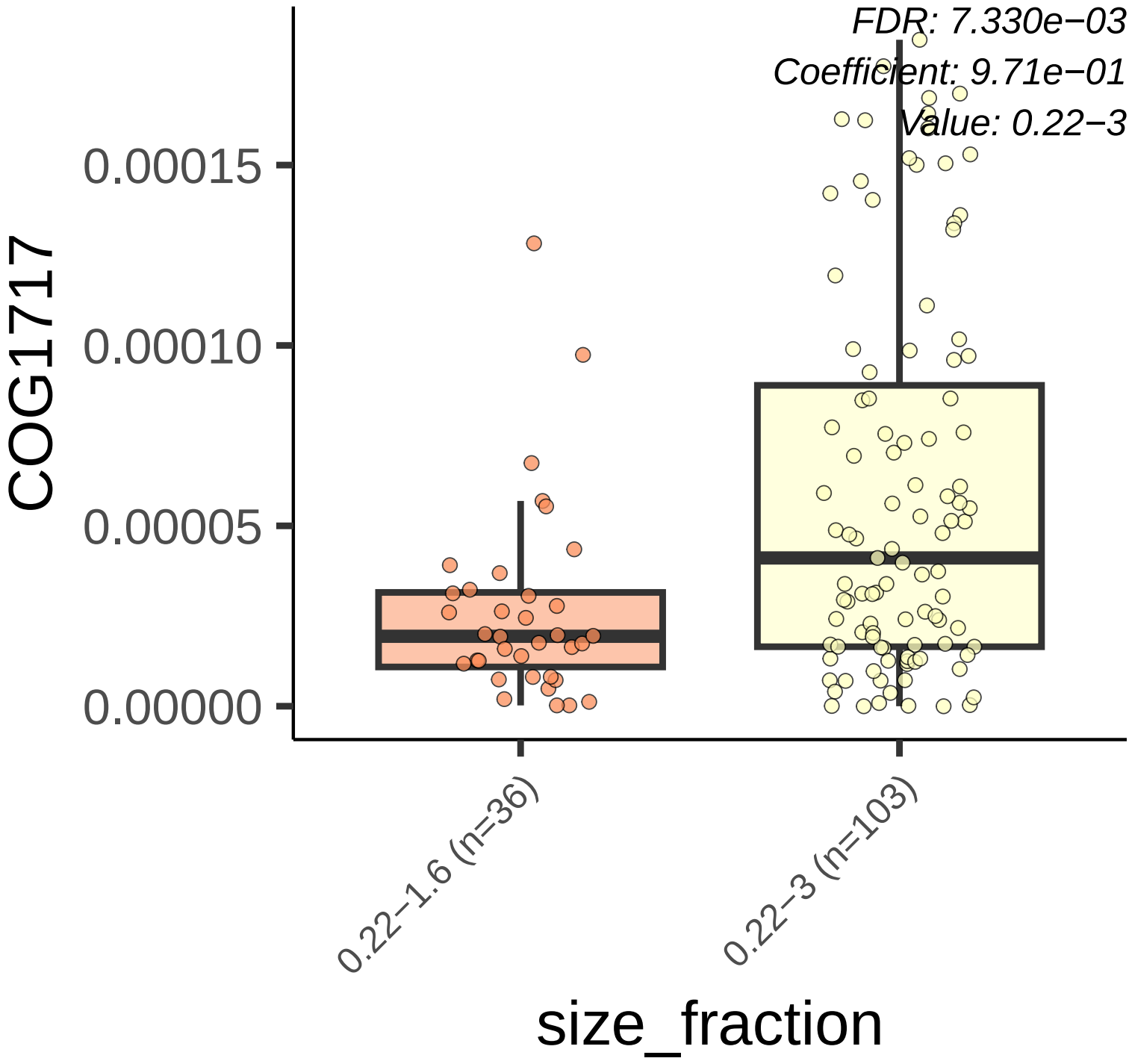

FDR: 7.282e−03
Coefficient: 9.86e−01
Value: 0.22−3
COG1461
9e−05
6e−05
3e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

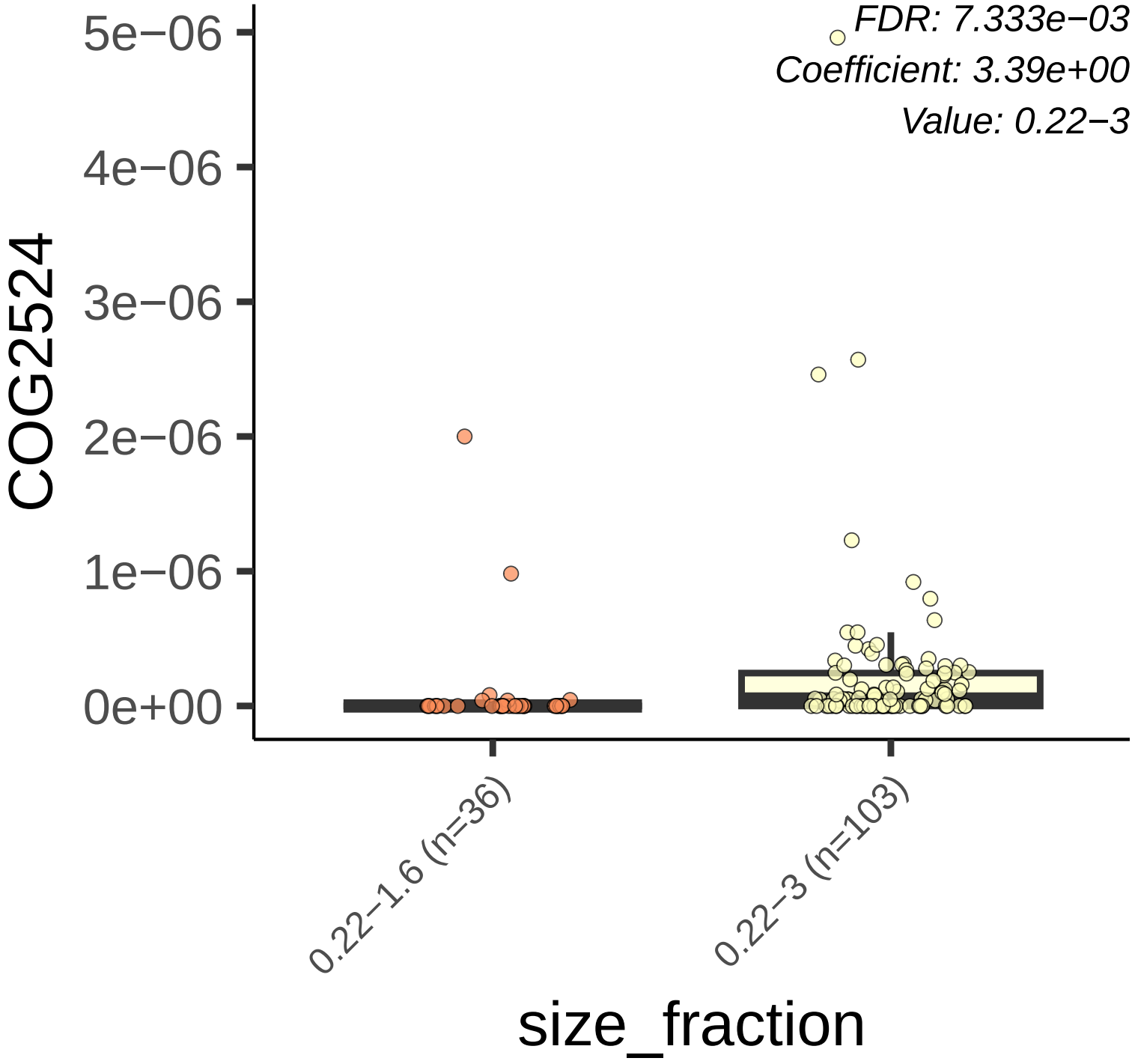

FDR: 7.294e−03
Coefficient: 9.23e−01
Value: 0.22−3
COG0420
2e−04
1e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

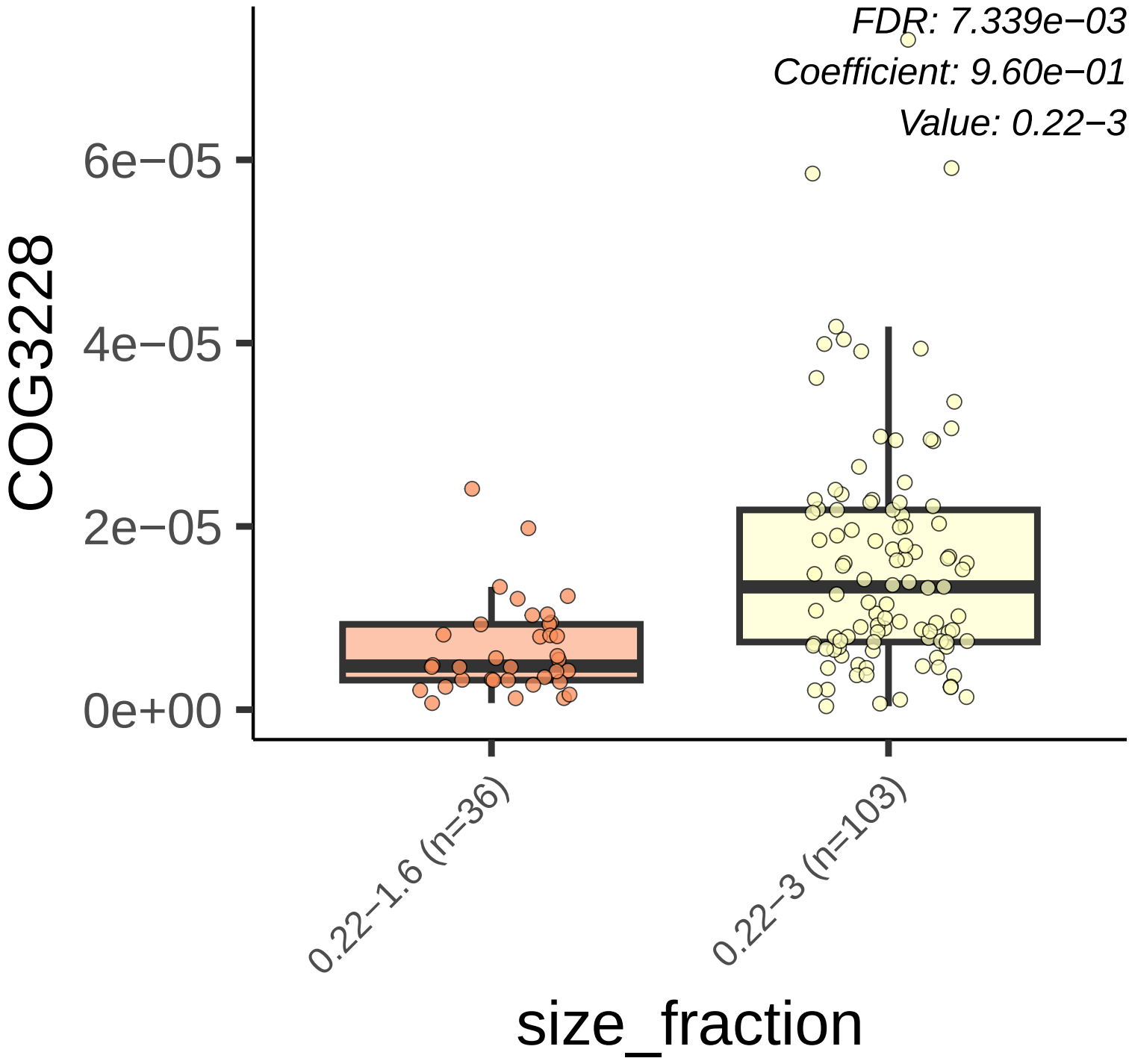

FDR: 7.294e−03
Coefficient: 3.29e−01
Value: 0.22−3
8e−04
6e−04
4e−04
2e−04
COG0531
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

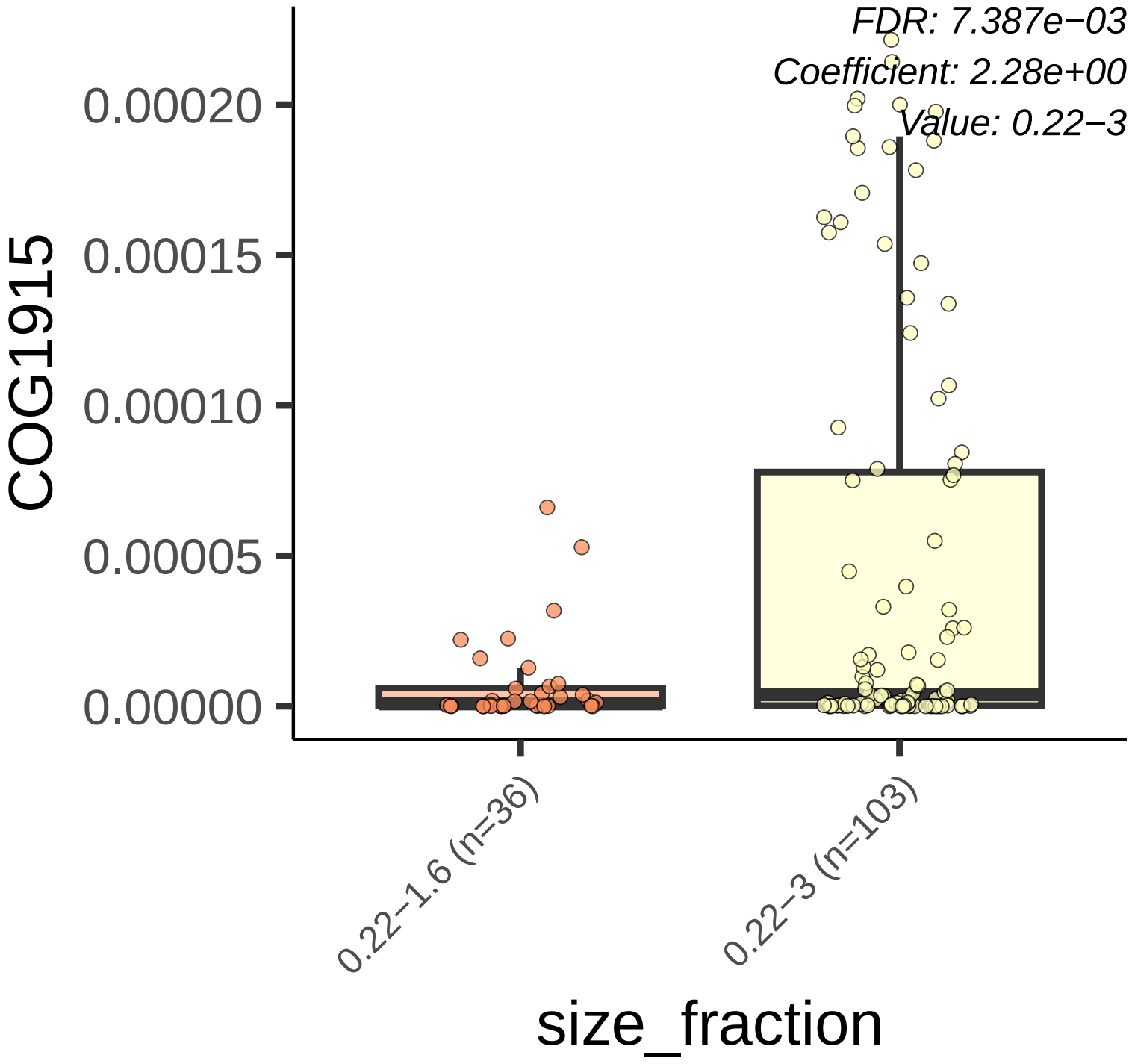

FDR: 7.298e−03
Coefficient: 9.49e−01
Value: 0.22−3
0.00015
0.00010
0.00005
0.00000
COG2016
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

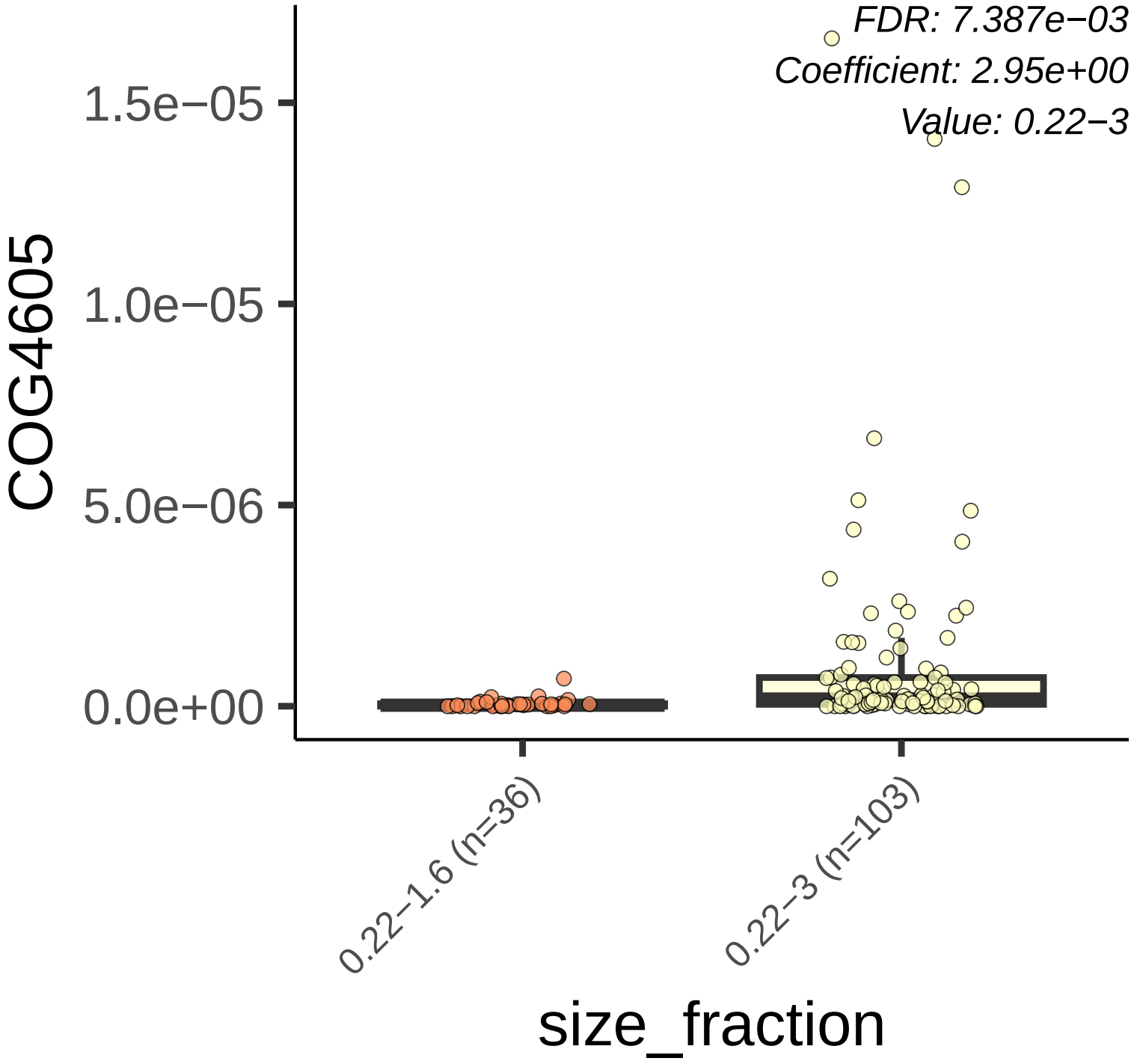

FDR: 7.319e−03
Coefficient: 2.67e+00
Value: 0.22−3
COG4856
4e−06
2e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

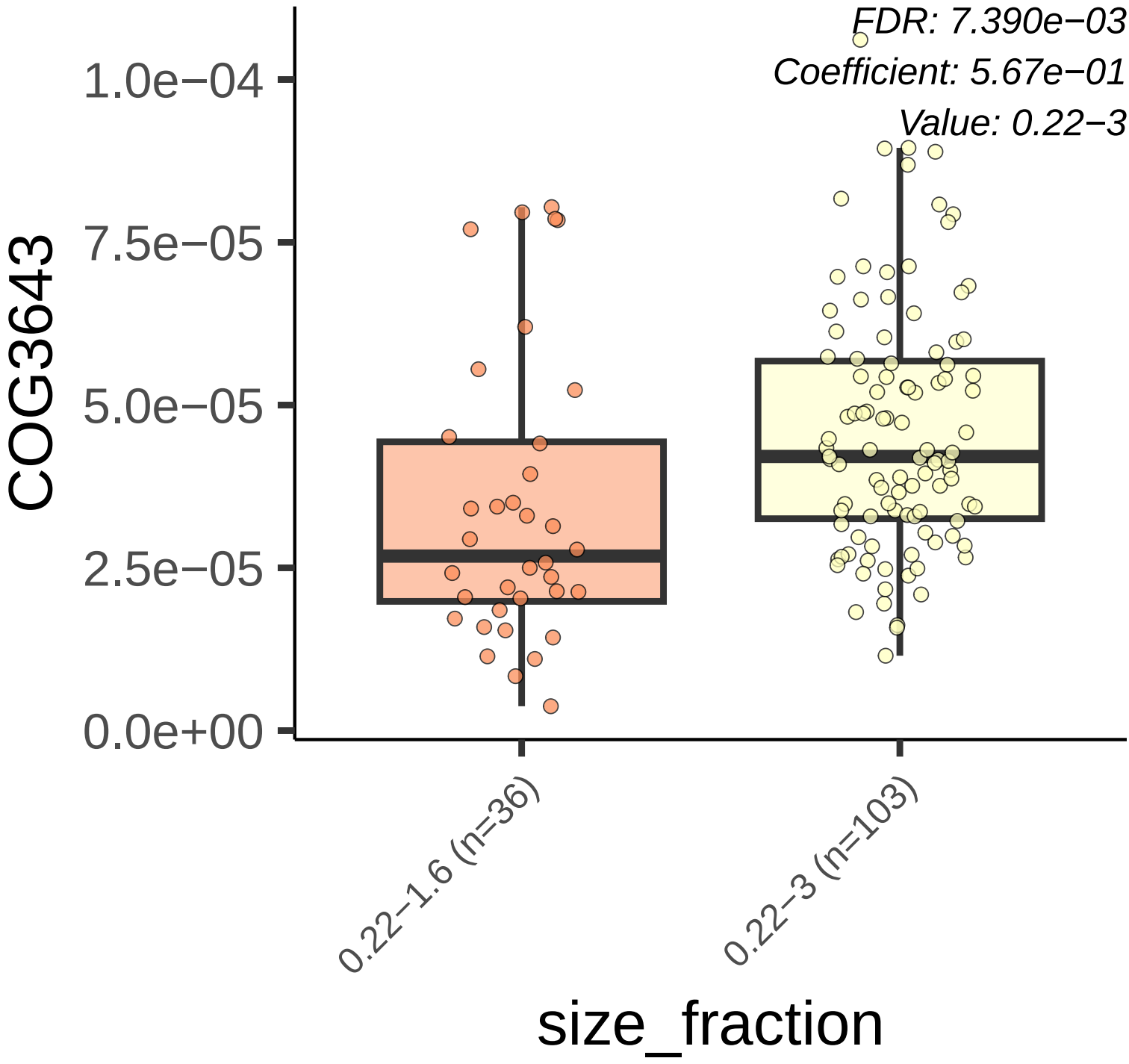

FDR: 7.330e−03
Coefficient: 9.71e−01
Value: 0.22−3
COG1717
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

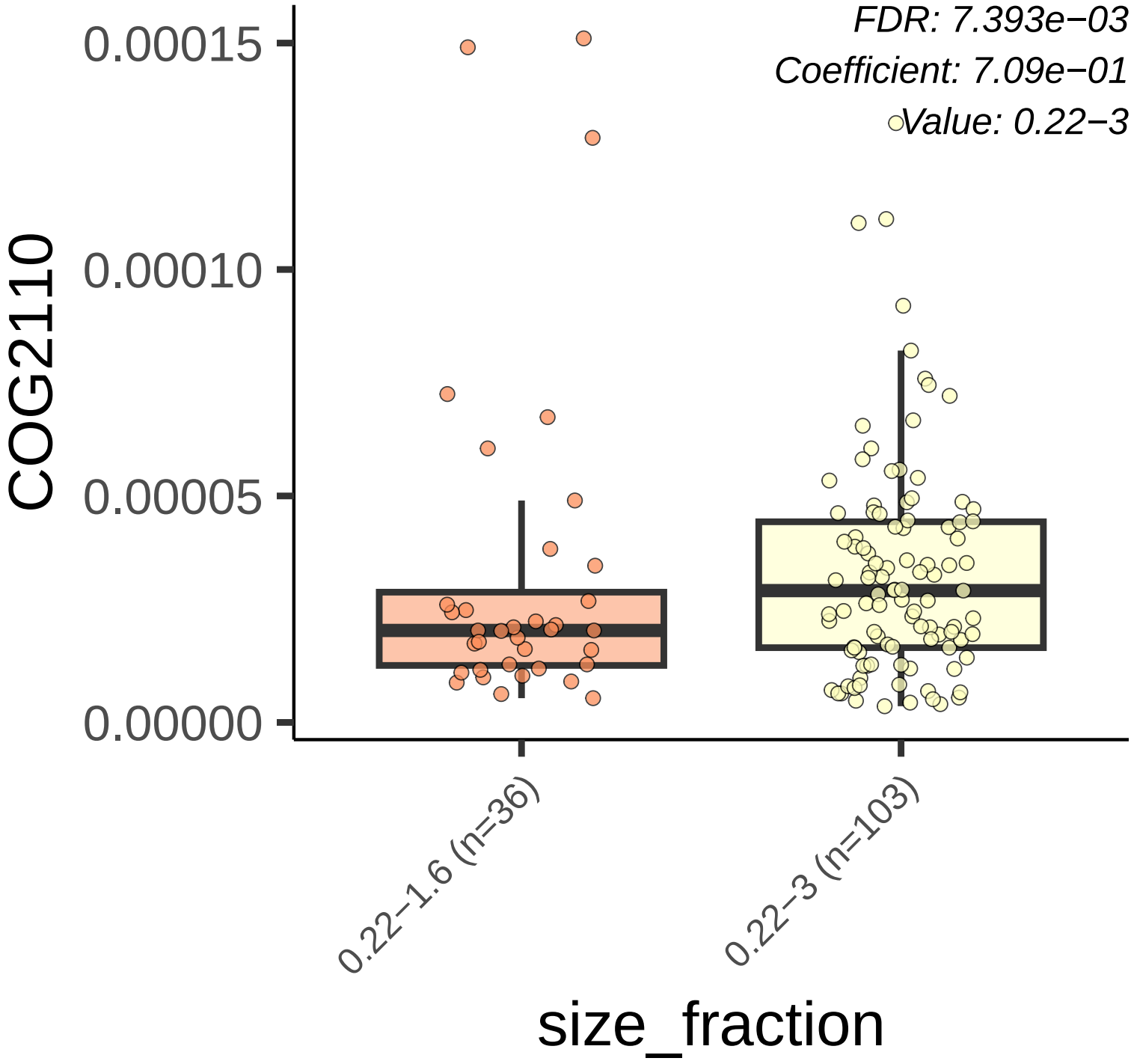

FDR: 7.333e−03
Coefficient: 3.39e+00
Value: 0.22−3
COG2524
5e−06
4e−06
3e−06
2e−06
1e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

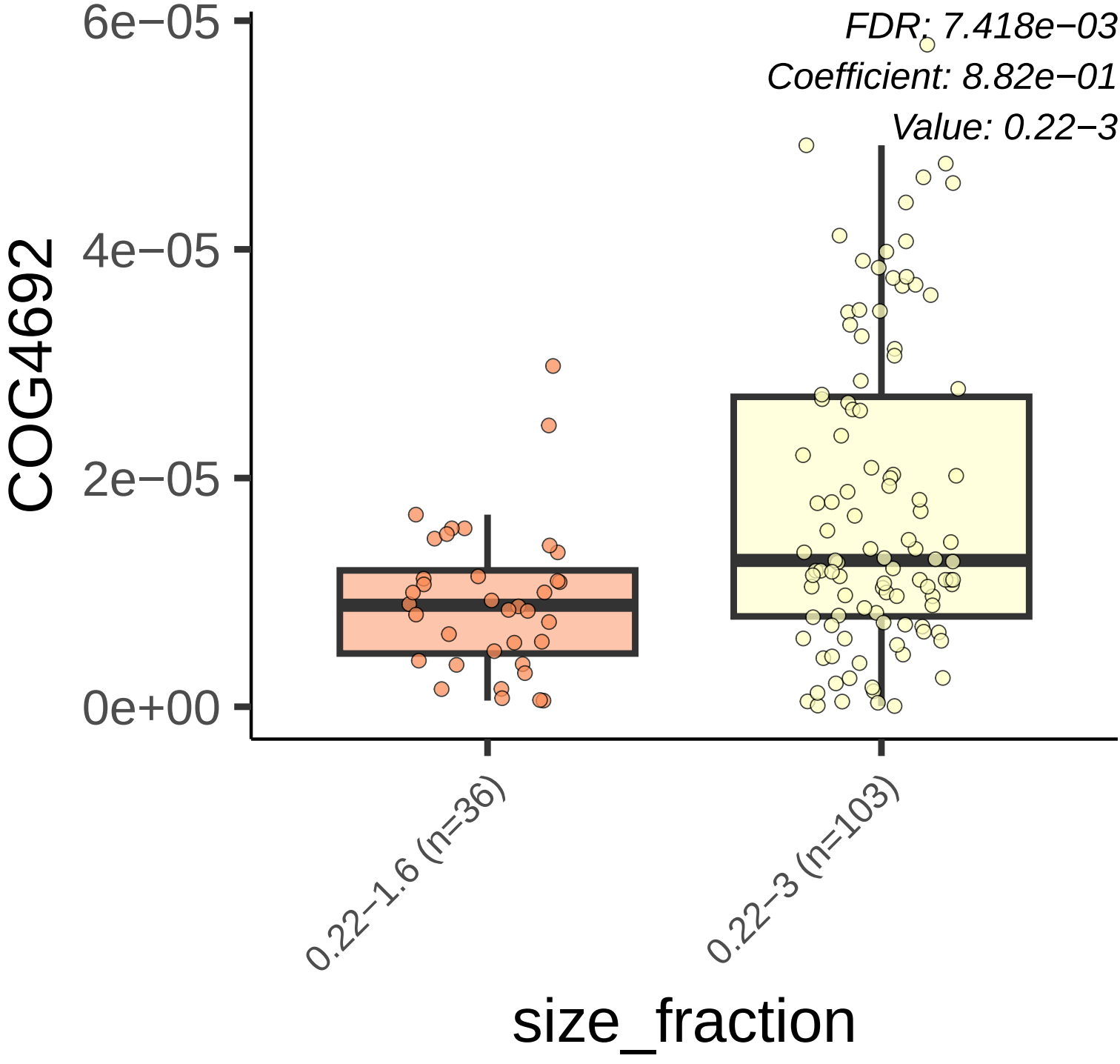

FDR: 7.339e−03
Coefficient: 9.60e−01
Value: 0.22−3
COG3228
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

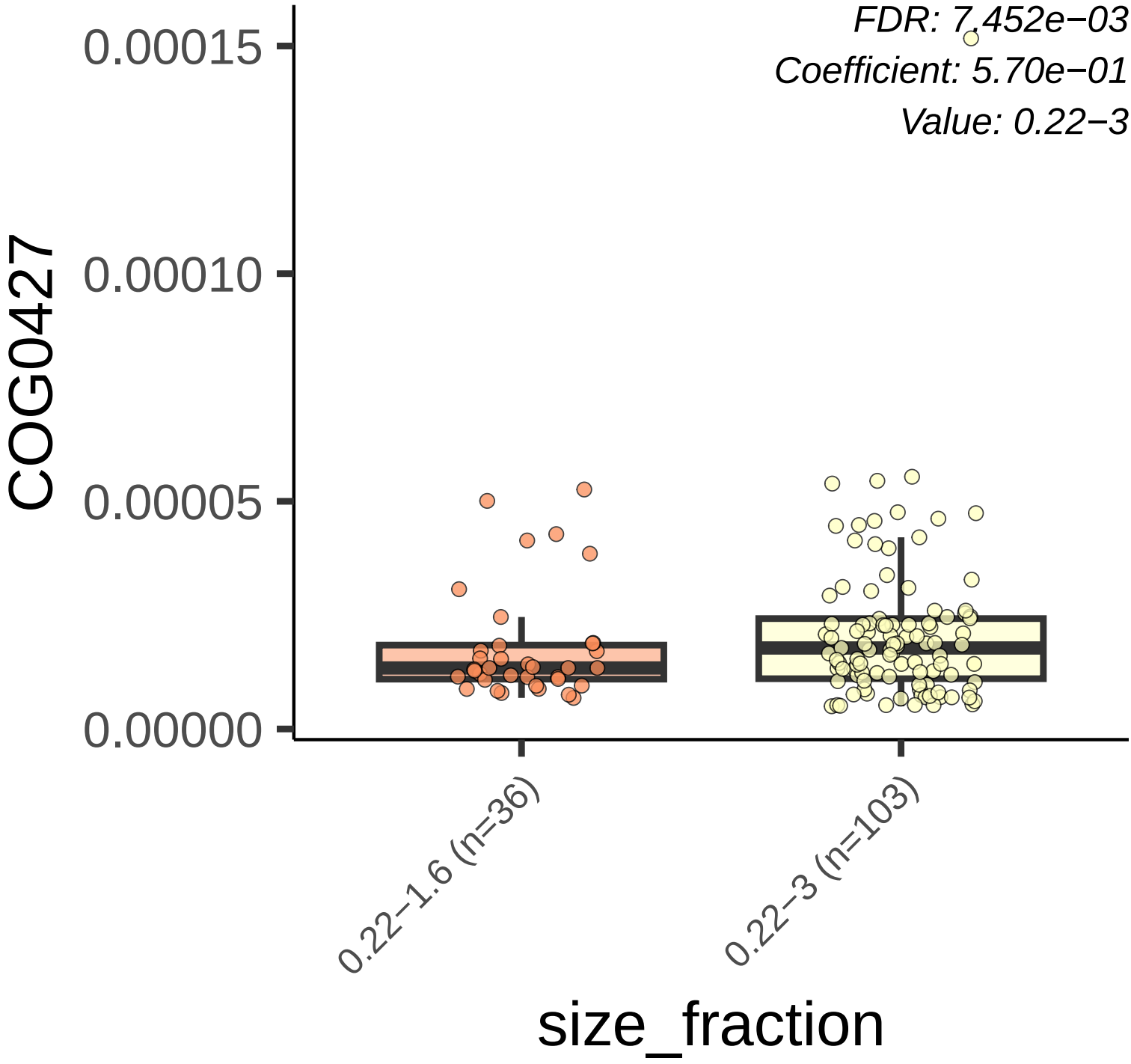

FDR: 7.387e−03
Coefficient: 2.28e+00
Value: 0.22−3
COG1915
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

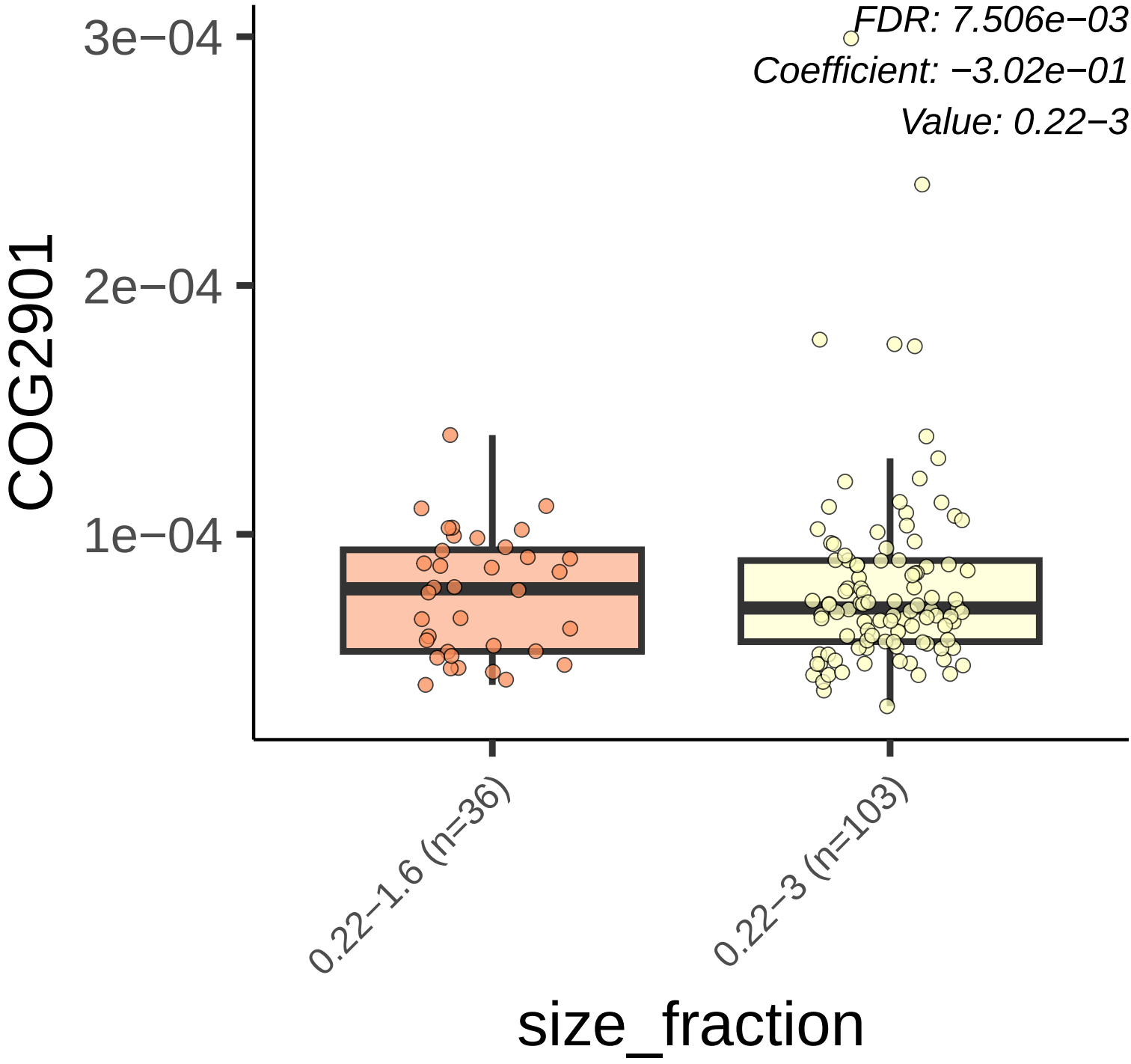

FDR: 7.387e−03
Coefficient: 2.95e+00
Value: 0.22−3
COG4605
1.5e−05
1.0e−05
5.0e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

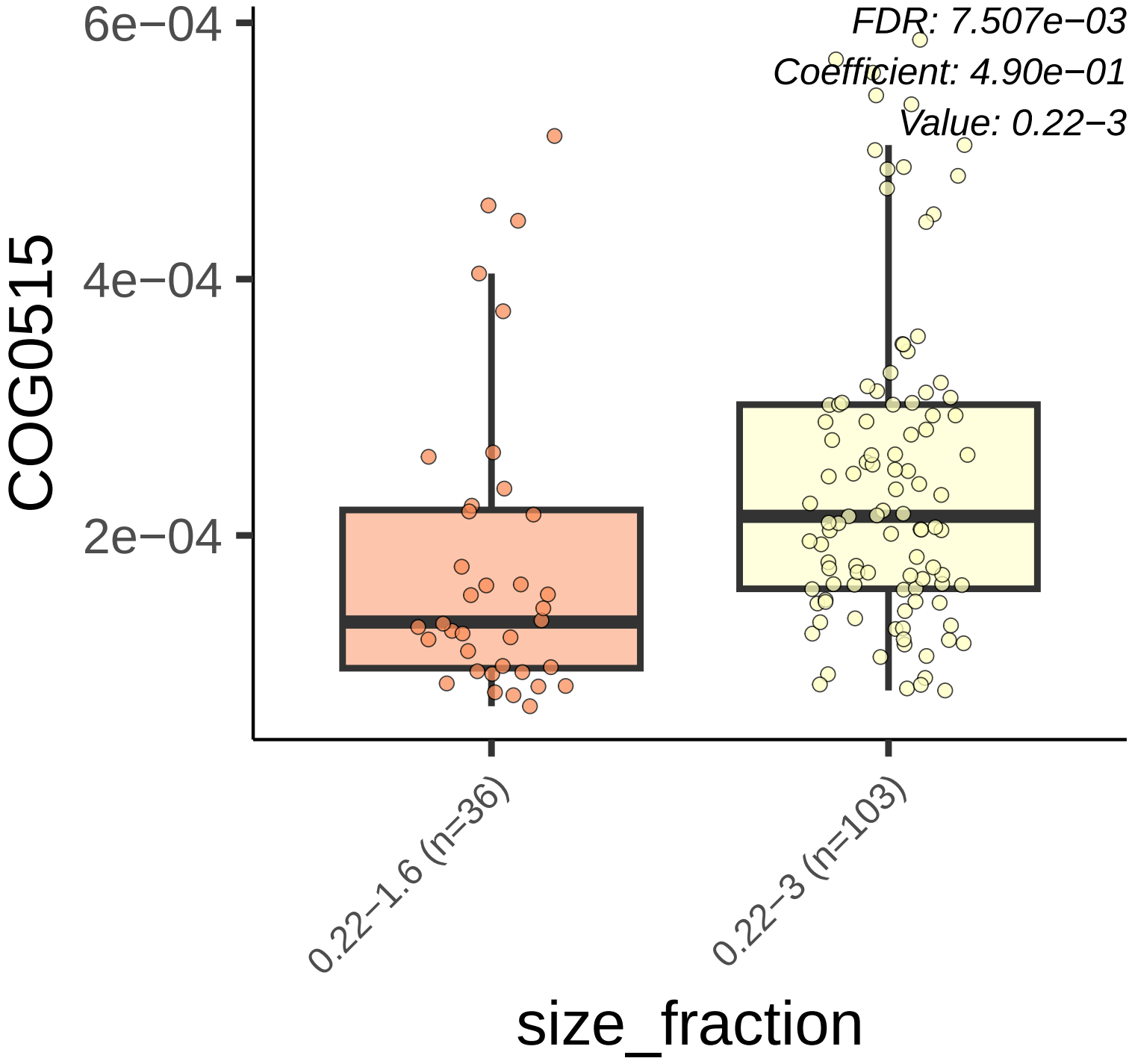

FDR: 7.390e−03
Coefficient: 5.67e−01
Value: 0.22−3
COG3643
1.0e−04
7.5e−05
5.0e−05
2.5e−05
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

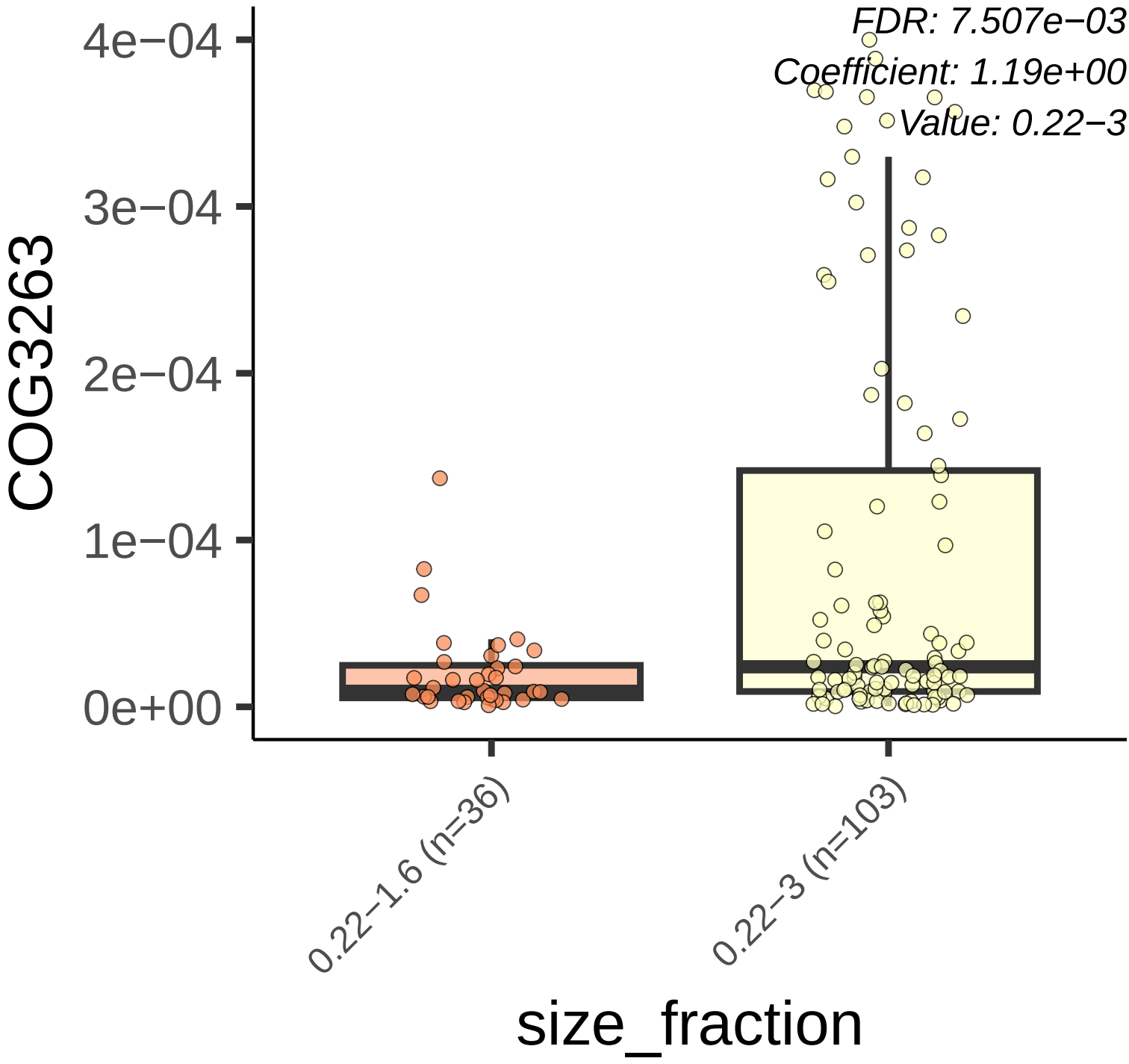

FDR: 7.393e−03
Coefficient: 7.09e−01
Value: 0.22−3
COG2110
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

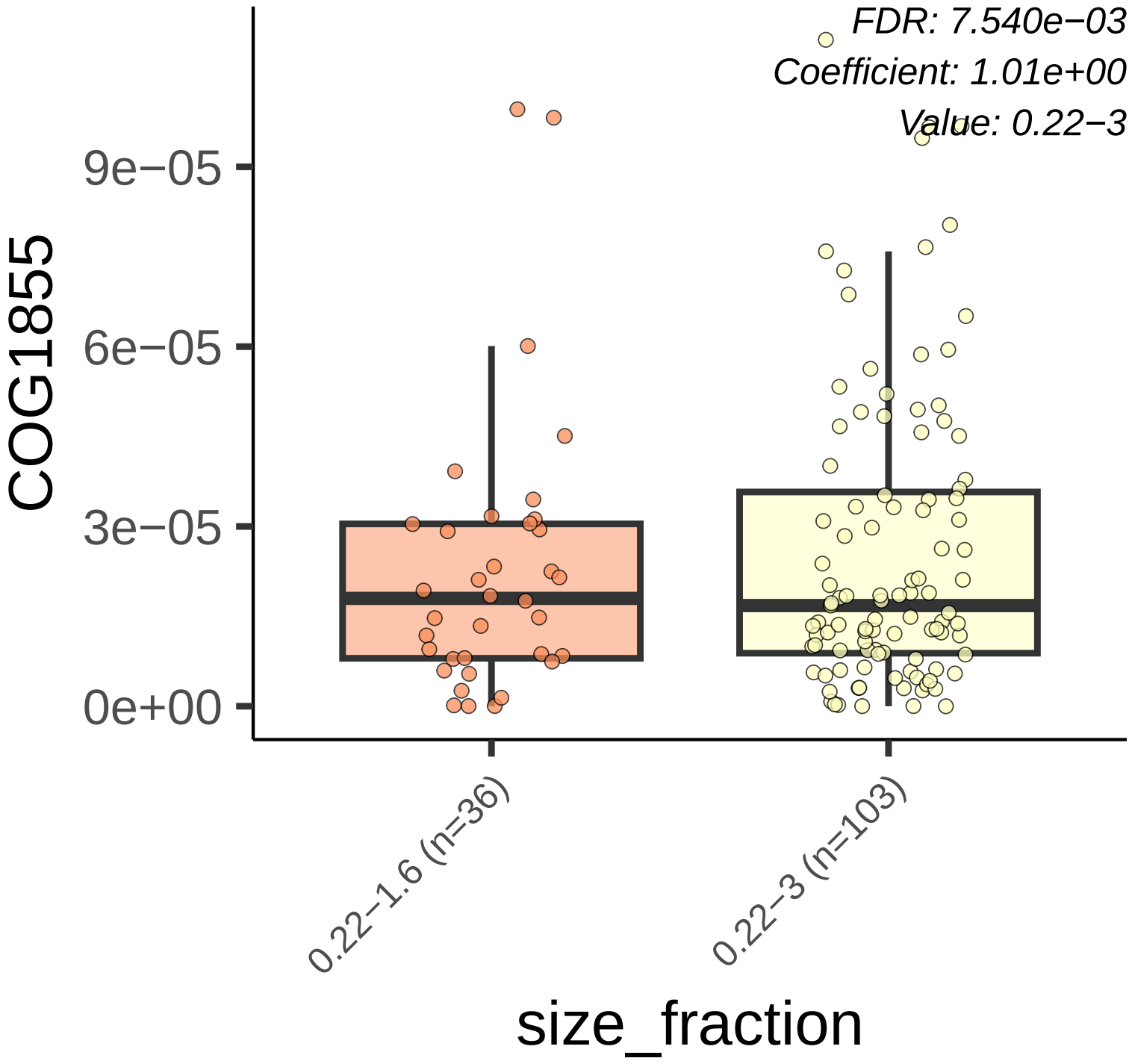

FDR: 7.418e−03
Coefficient: 8.82e−01
Value: 0.22−3
COG4692
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

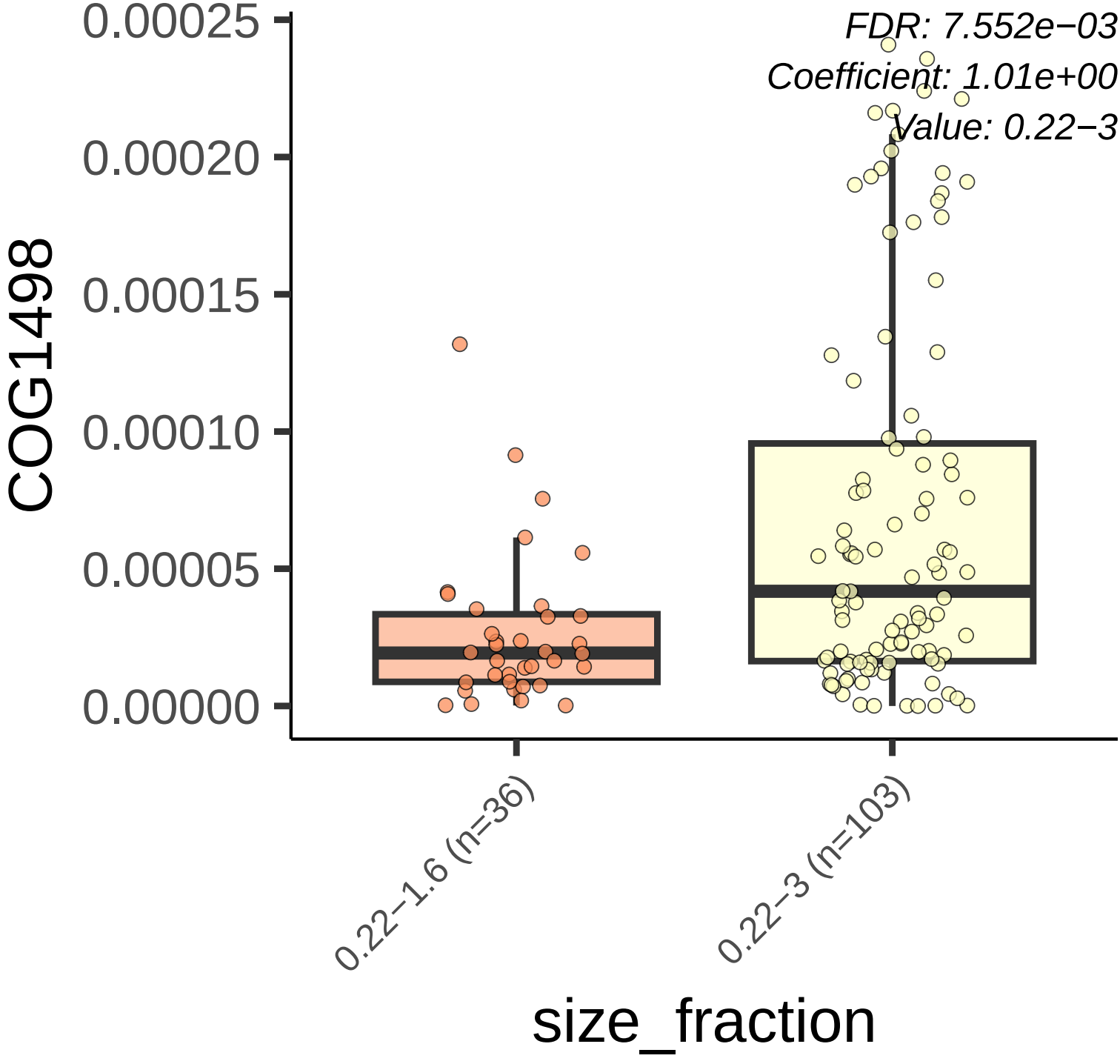

FDR: 7.452e−03
Coefficient: 5.70e−01
Value: 0.22−3
COG0427
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

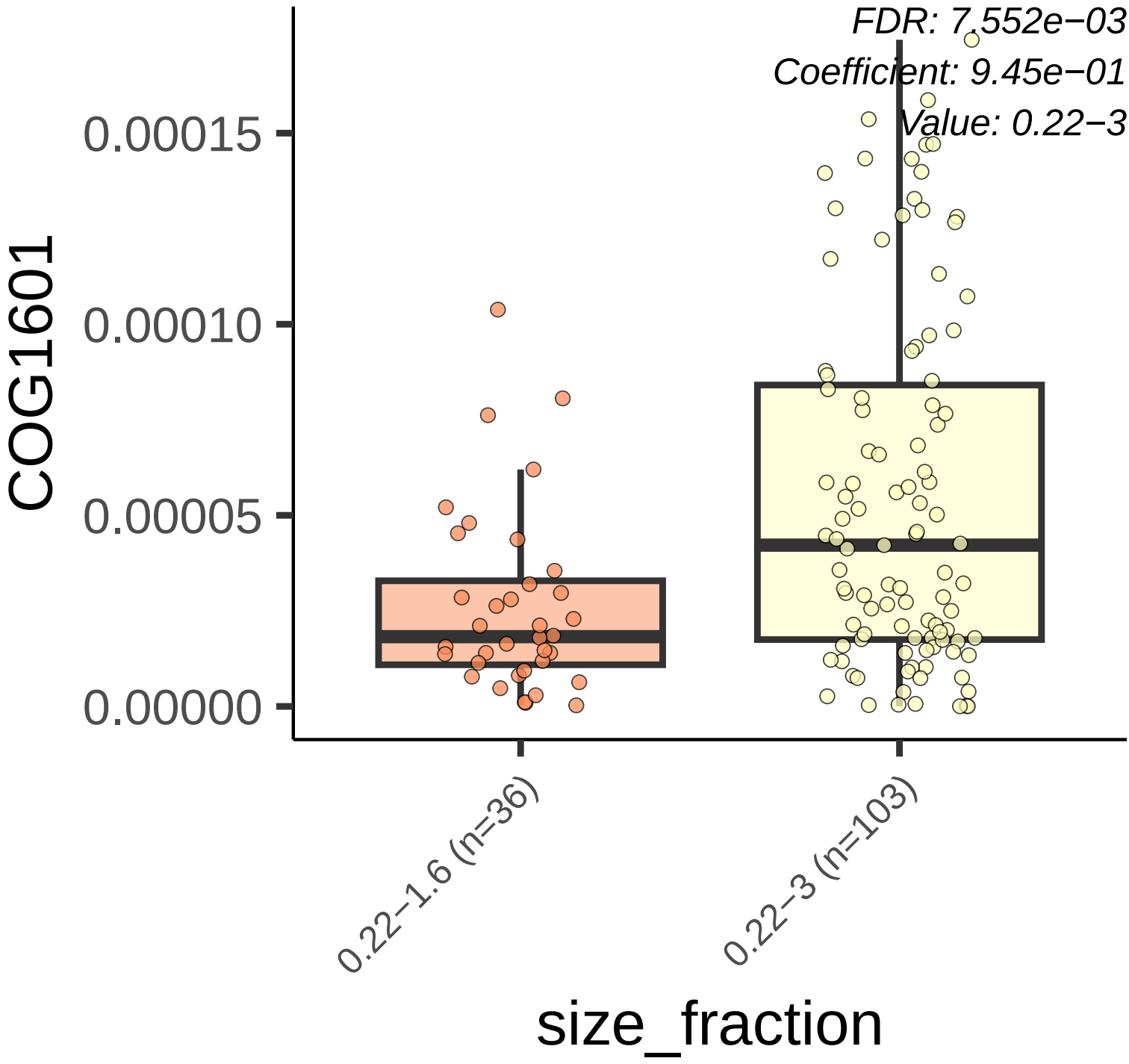

FDR: 7.506e−03
Coefficient: −3.02e−01
Value: 0.22−3
3e−04
2e−04
1e−04
COG2901
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

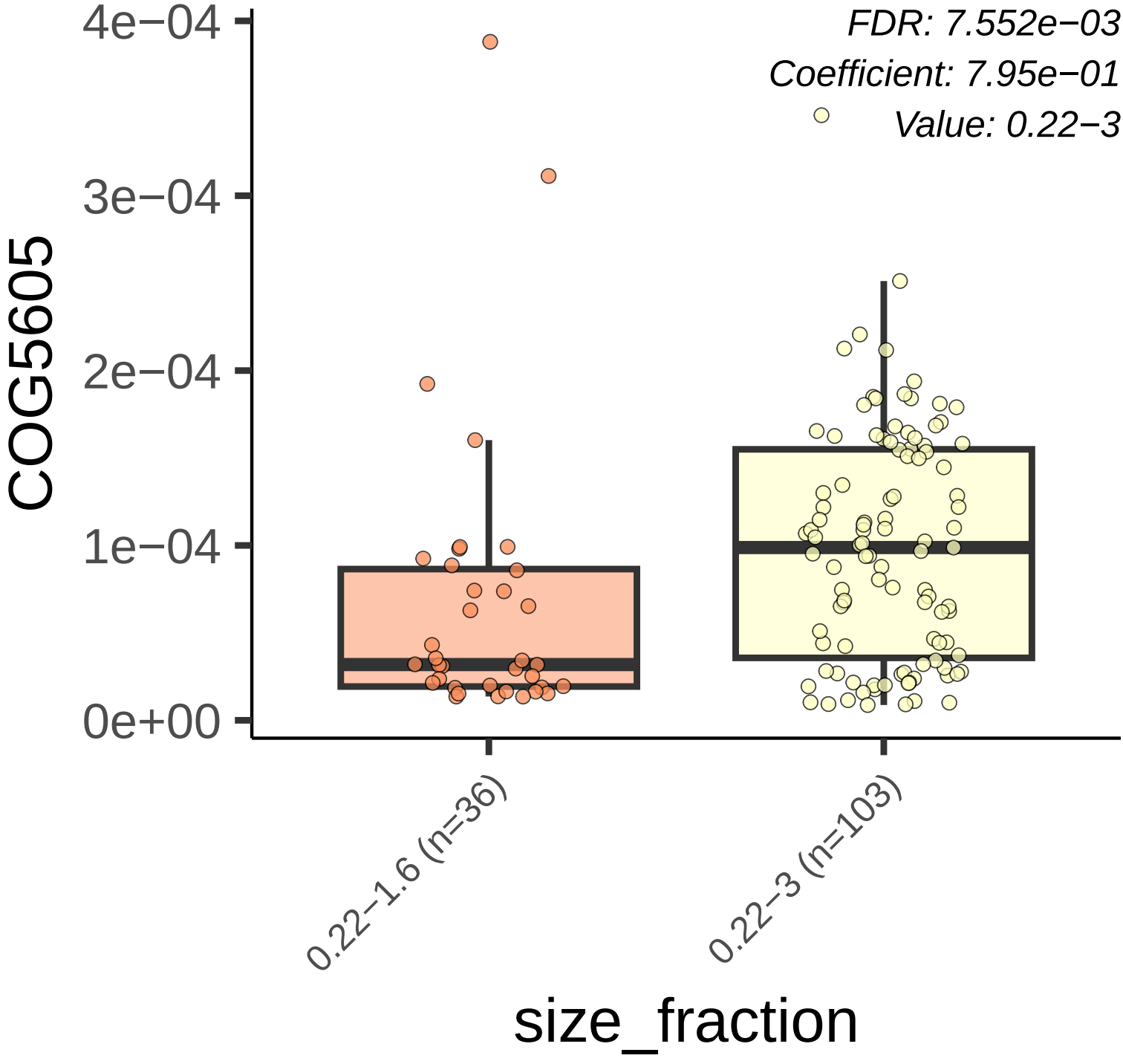

FDR: 7.507e−03
Coefficient: 4.90e−01
Value: 0.22−3
COG0515
6e−04
4e−04
2e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

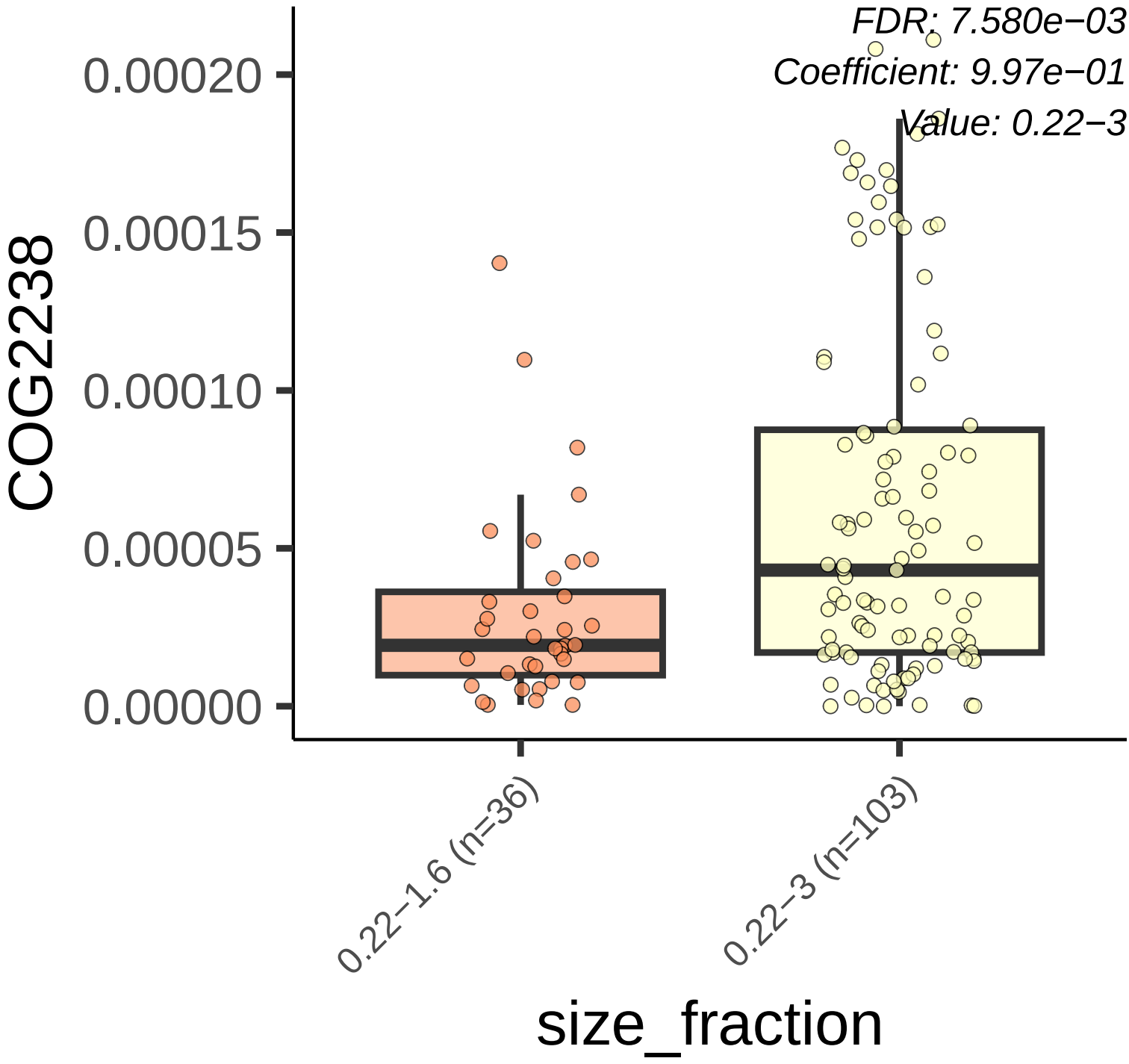

FDR: 7.507e−03
Coefficient: 1.19e+00
Value: 0.22−3
COG3263
4e−04
3e−04
2e−04
1e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

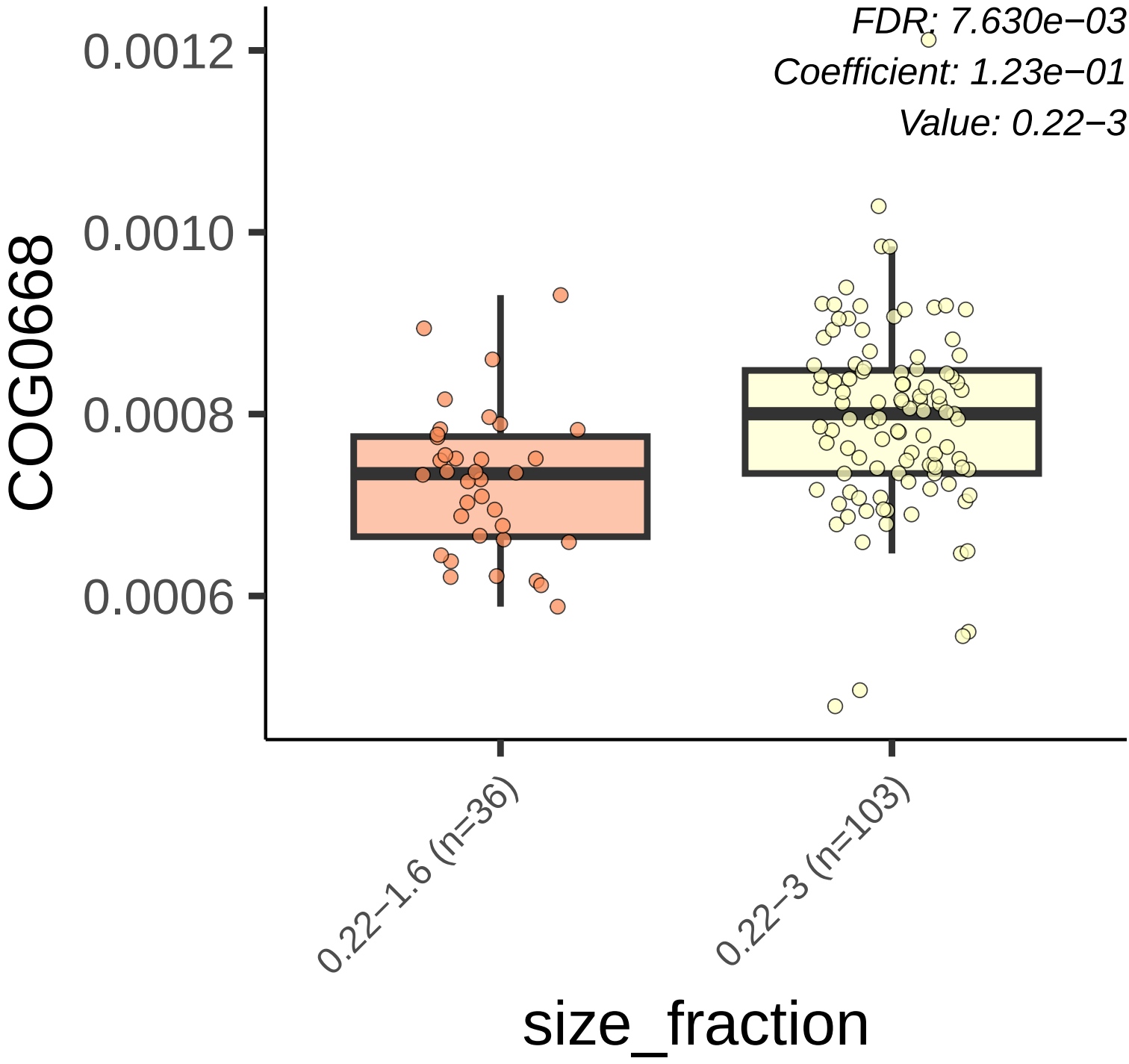

FDR: 7.540e−03
Coefficient: 1.01e+00
Value: 0.22−3
COG1855
9e−05
6e−05
3e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

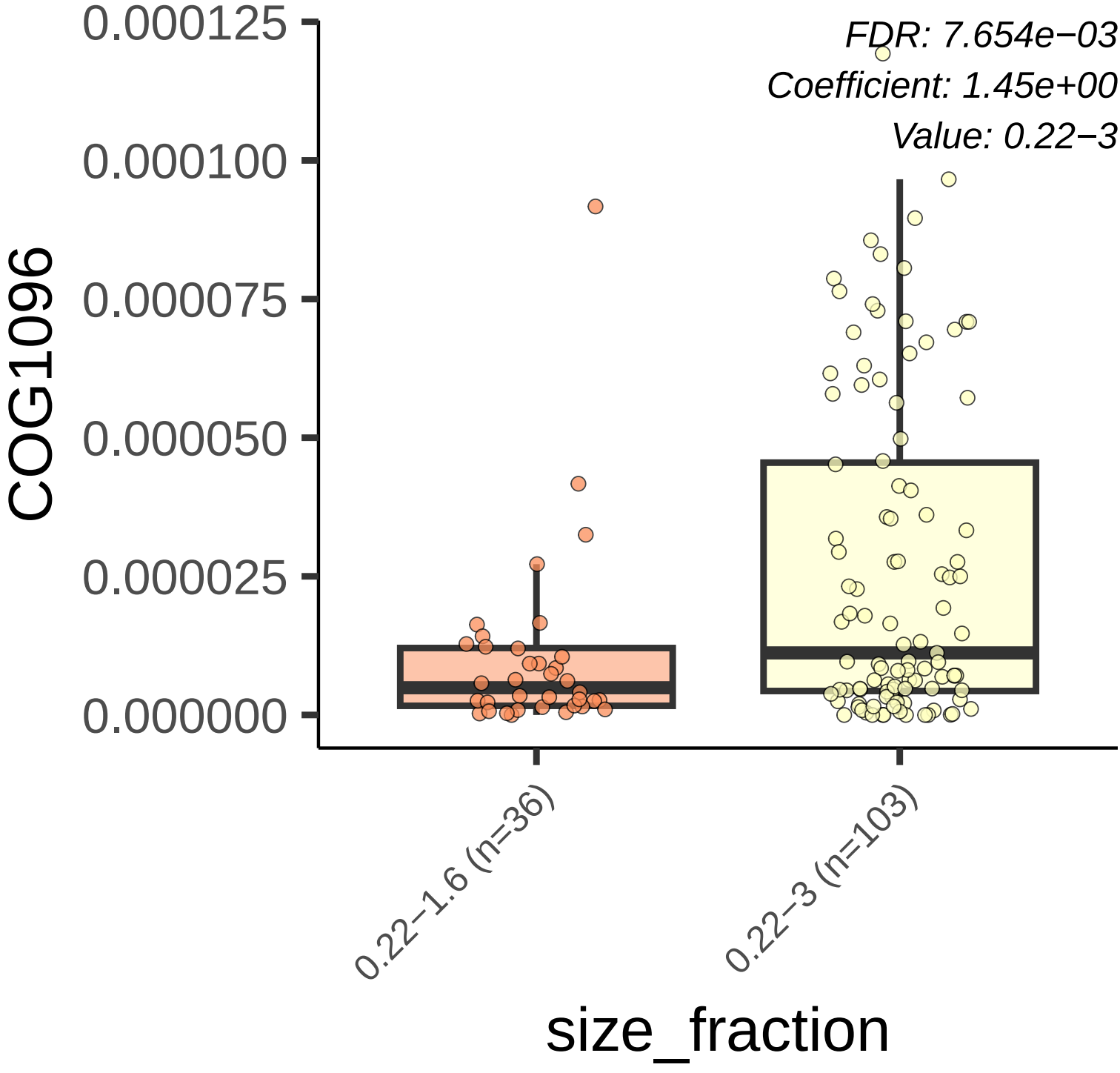

FDR: 7.552e−03
Coefficient: 1.01e+00
Value: 0.22−3
COG1498
0.00025
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

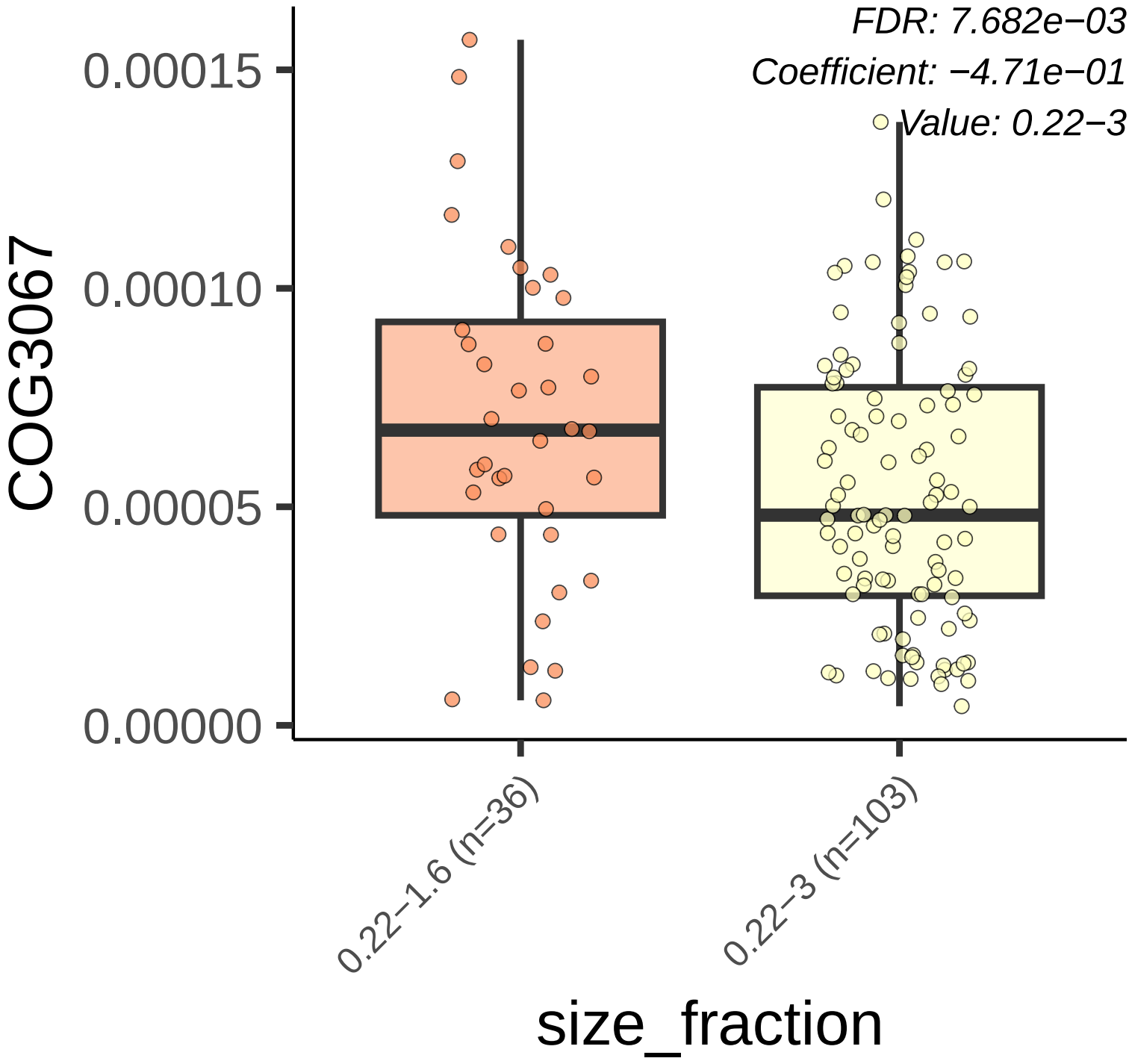

FDR: 7.552e−03
Coefficient: 9.45e−01
Value: 0.22−3
COG1601
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

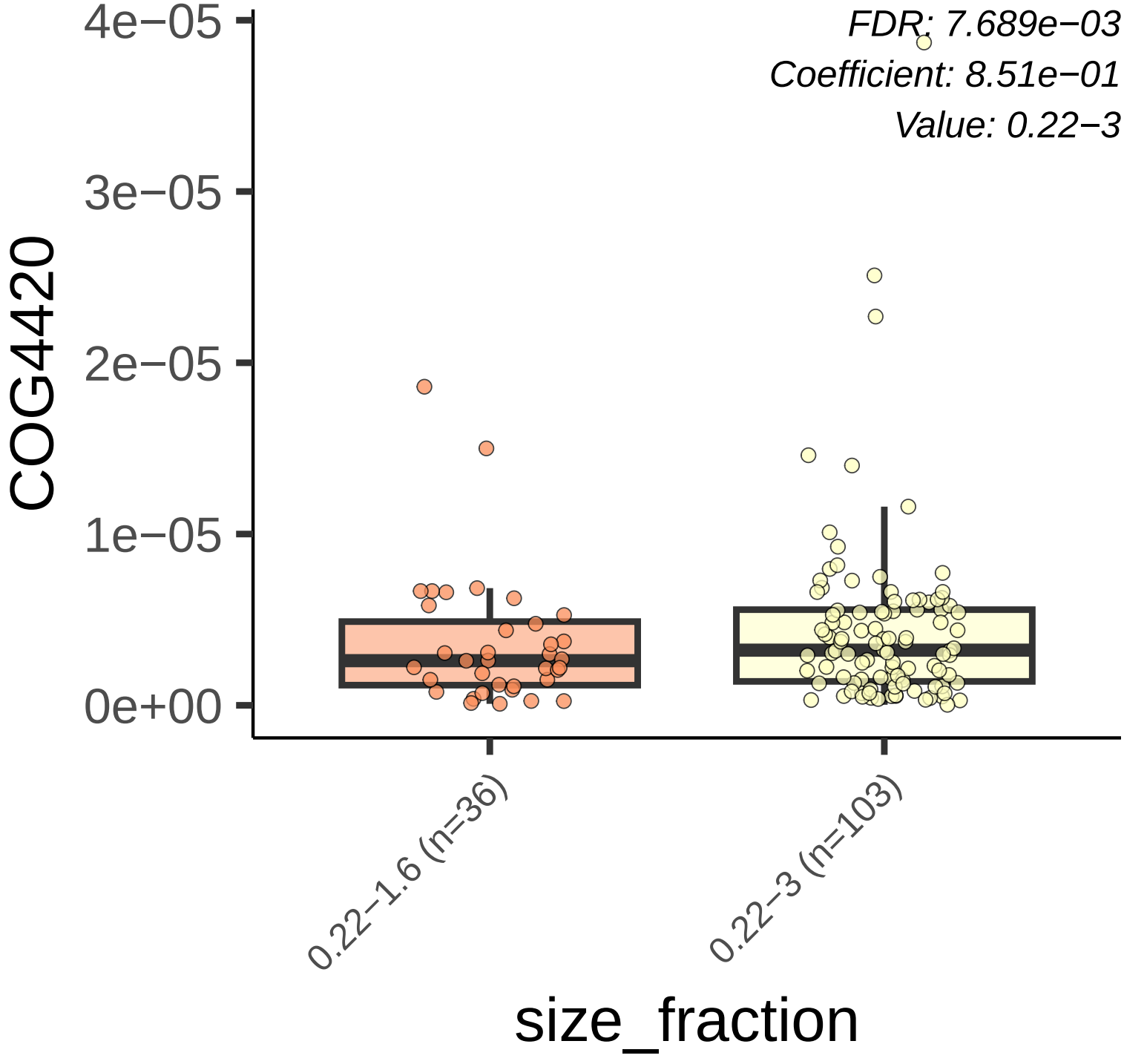

FDR: 7.552e−03
Coefficient: 7.95e−01
Value: 0.22−3
COG5605
4e−04
3e−04
2e−04
1e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

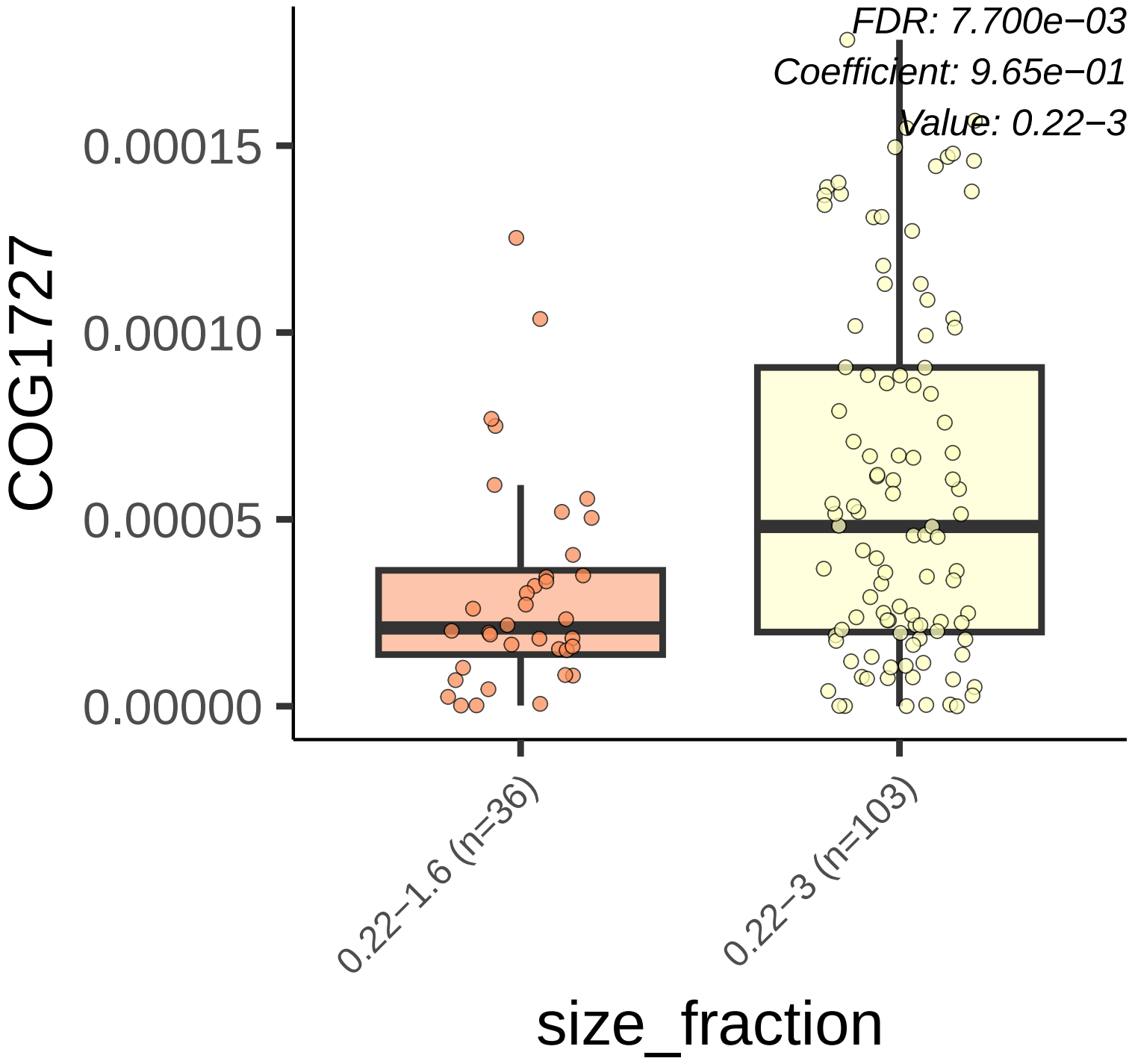

FDR: 7.580e−03
Coefficient: 9.97e−01
Value: 0.22−3
COG2238
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

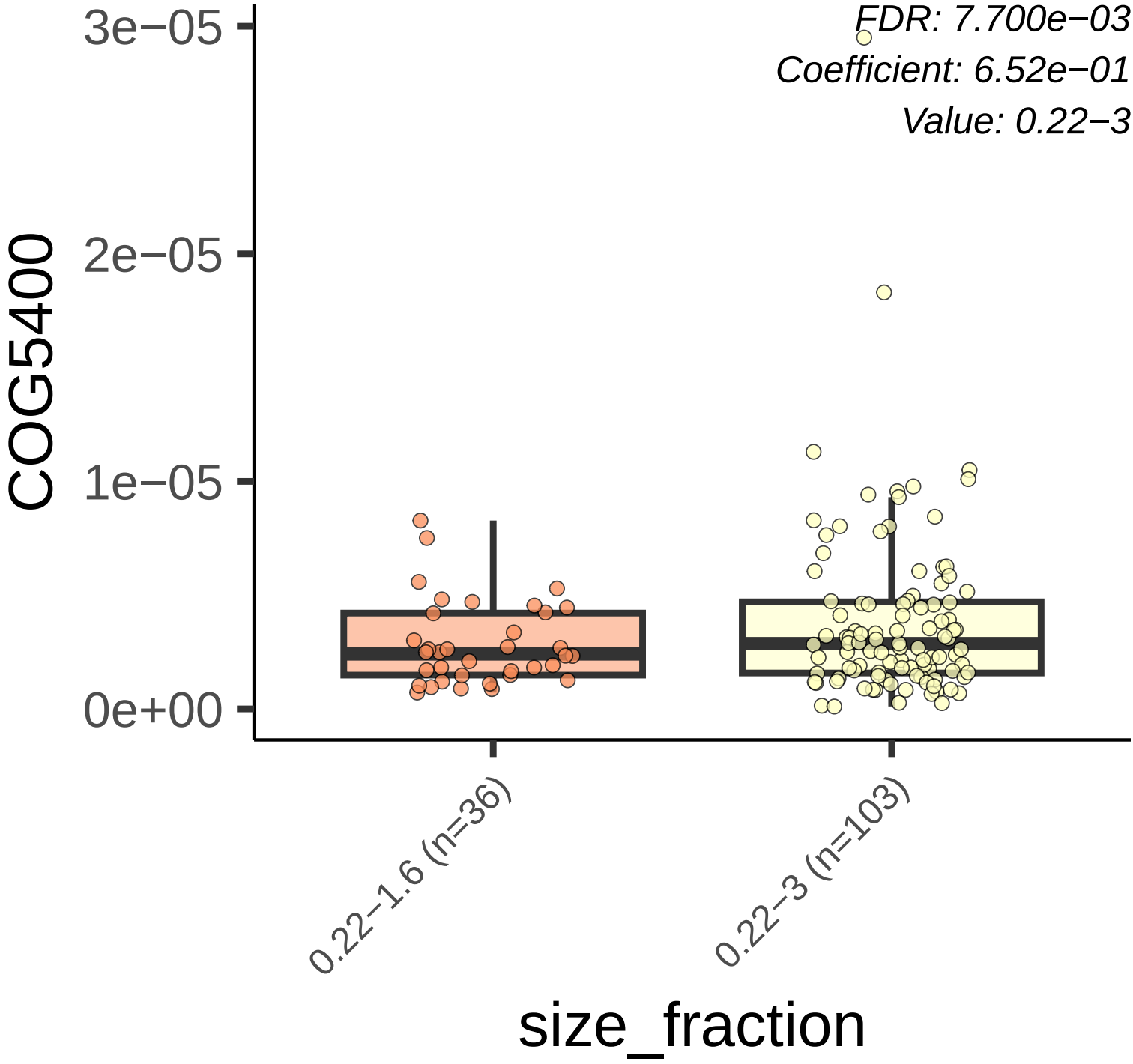

FDR: 7.630e−03
Coefficient: 1.23e−01
Value: 0.22−3
0.0012
0.0010
0.0008
0.0006
COG0668
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

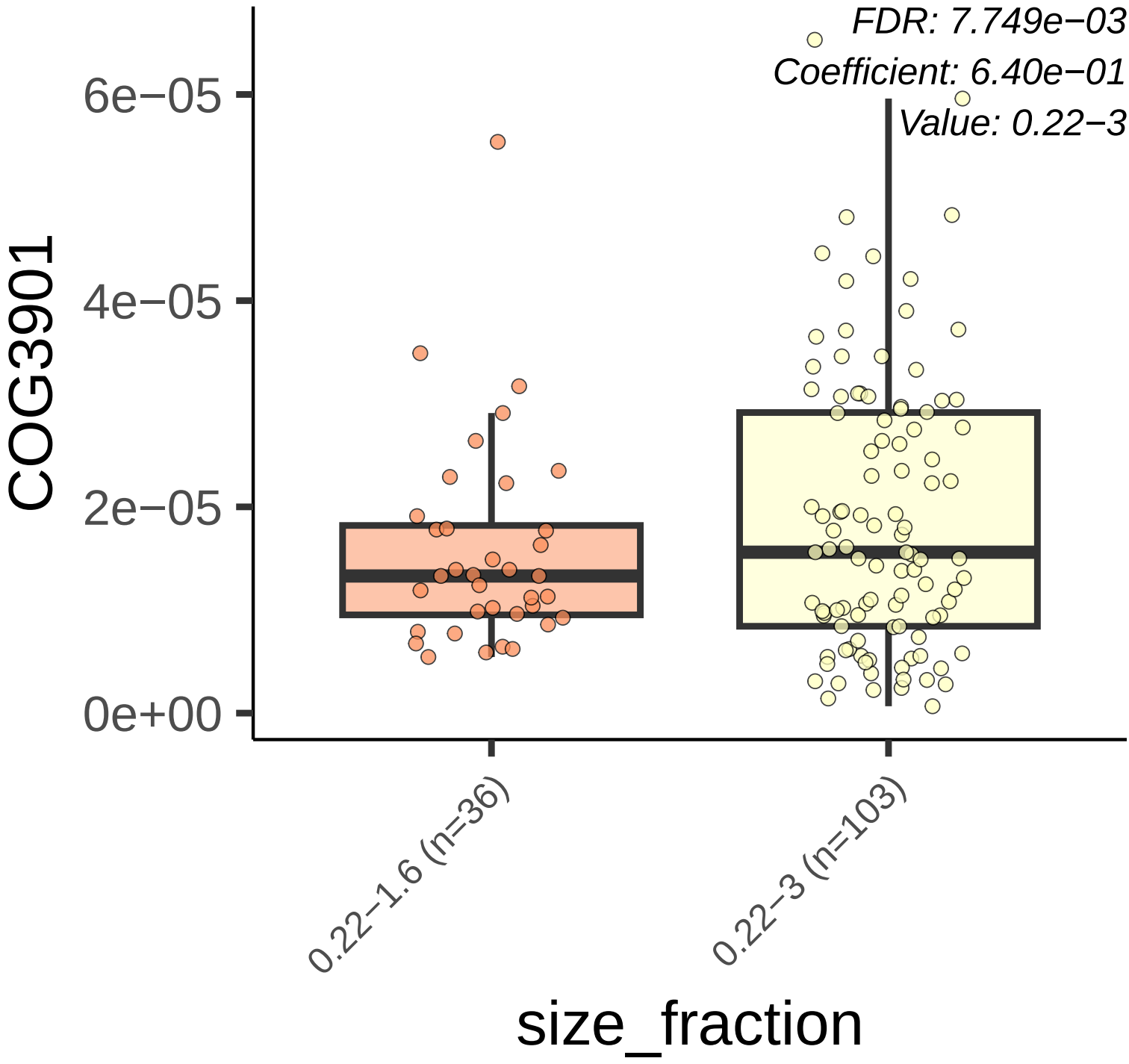

FDR: 7.654e−03
Coefficient: 1.45e+00
Value: 0.22−3
COG1096
0.000125
0.000100
0.000075
0.000050
0.000025
0.000000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

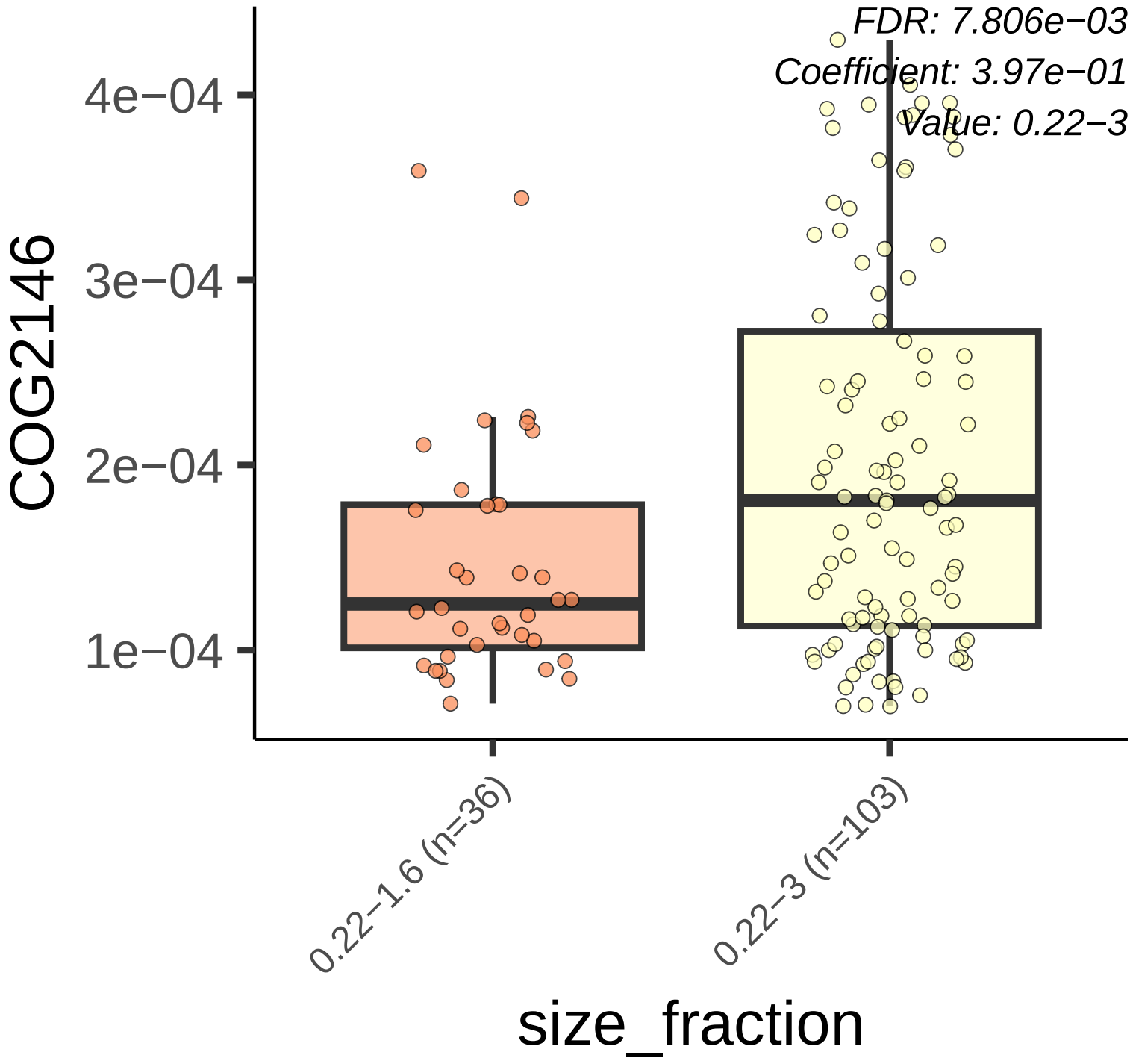

FDR: 7.682e−03
Coefficient: −4.71e−01
Value: 0.22−3
COG3067
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

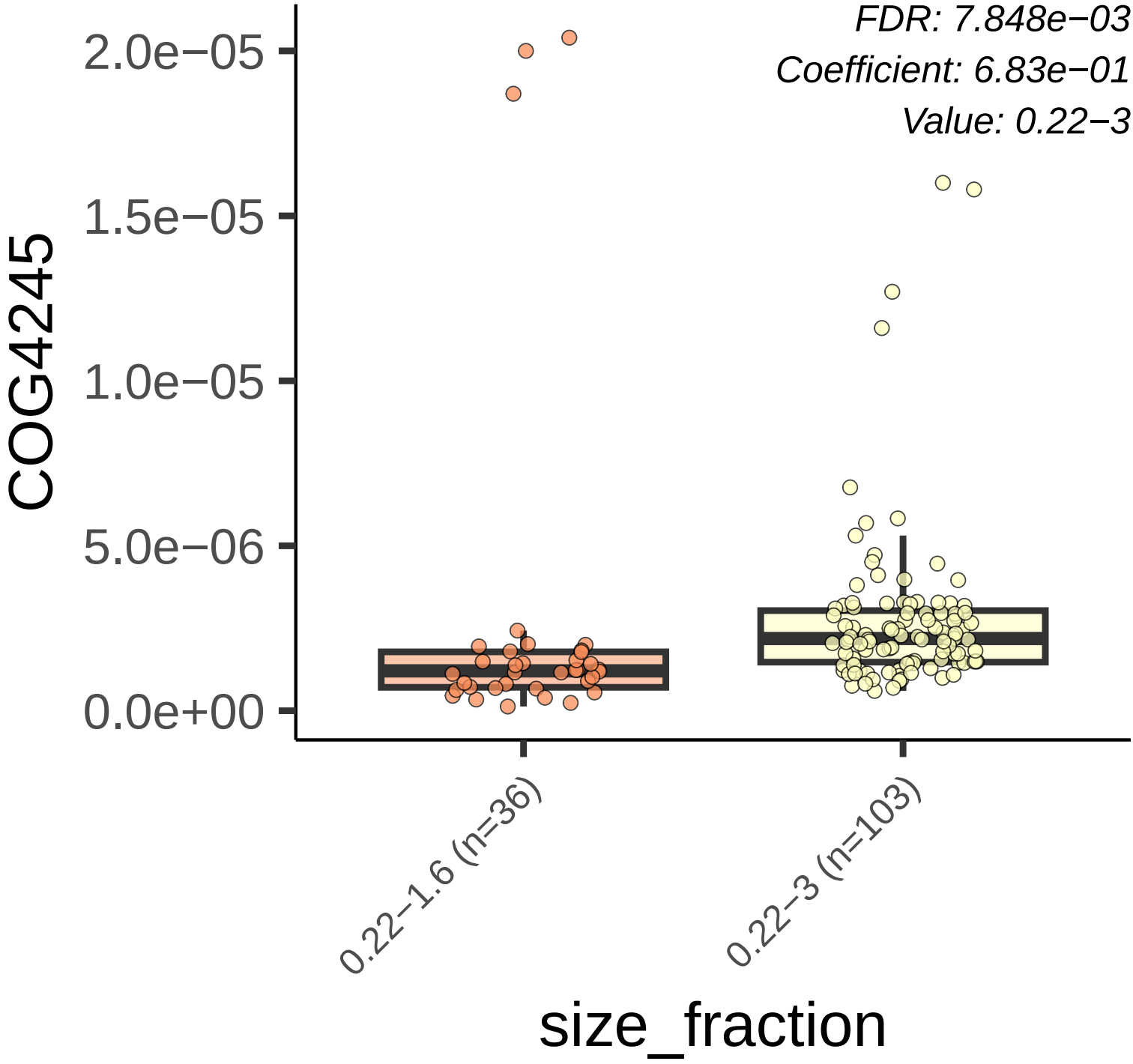

FDR: 7.689e−03
Coefficient: 8.51e−01
Value: 0.22−3
COG4420
4e−05
3e−05
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

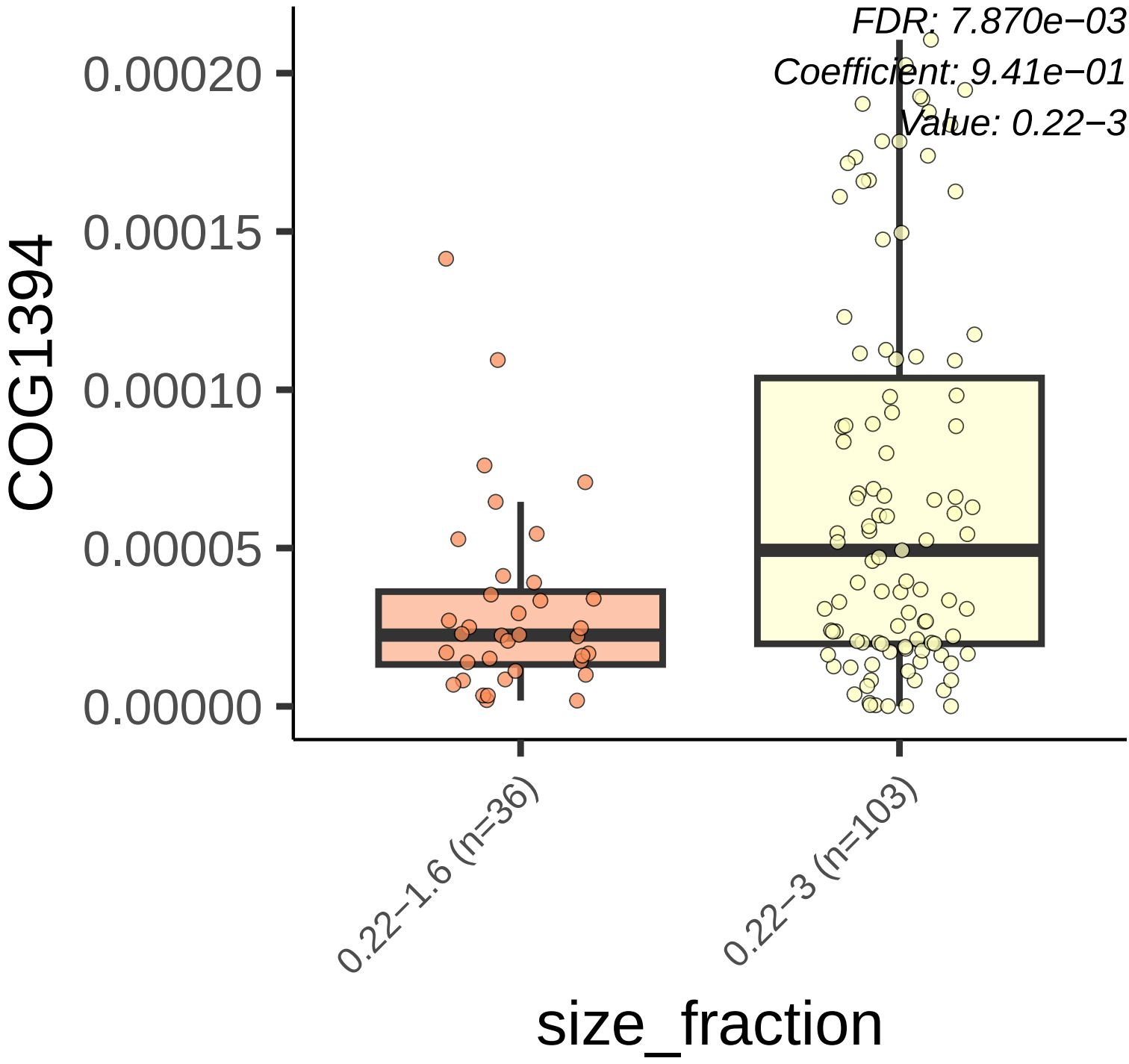

FDR: 7.700e−03
Coefficient: 9.65e−01
Value: 0.22−3
COG1727
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

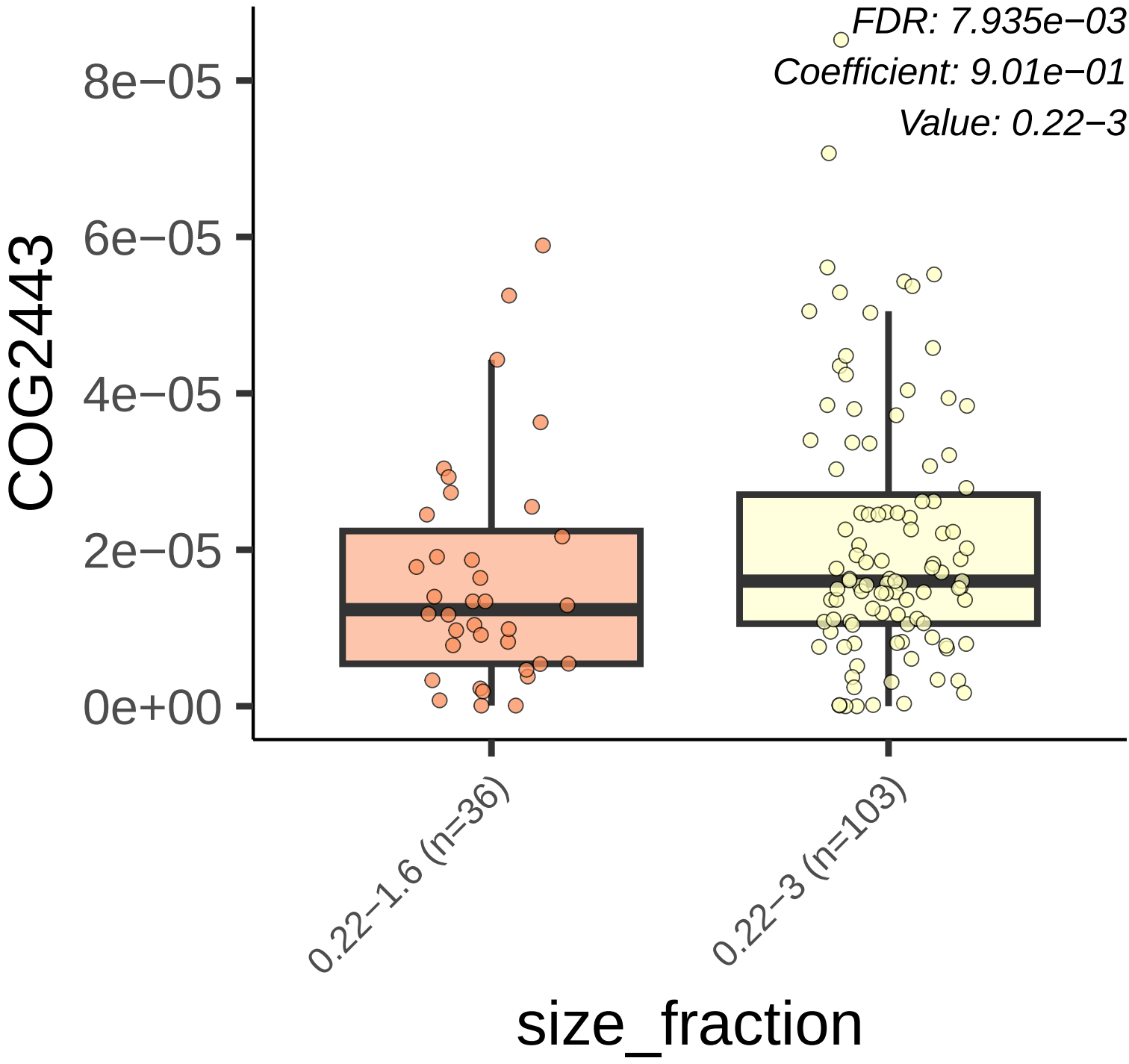

FDR: 7.700e−03
Coefficient: 6.52e−01
Value: 0.22−3
COG5400
3e−05
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

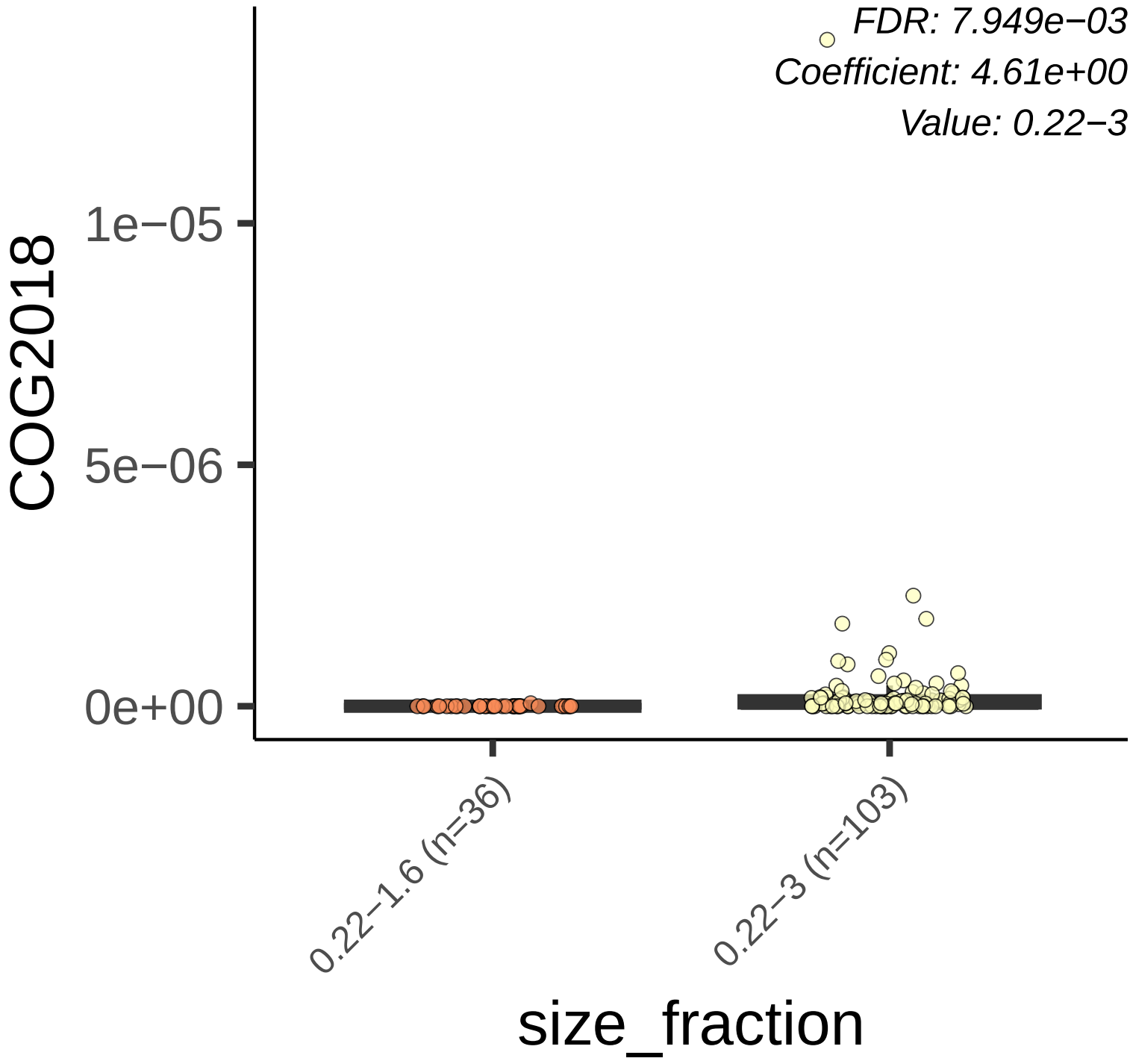

FDR: 7.749e−03
Coefficient: 6.40e−01
Value: 0.22−3
COG3901
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

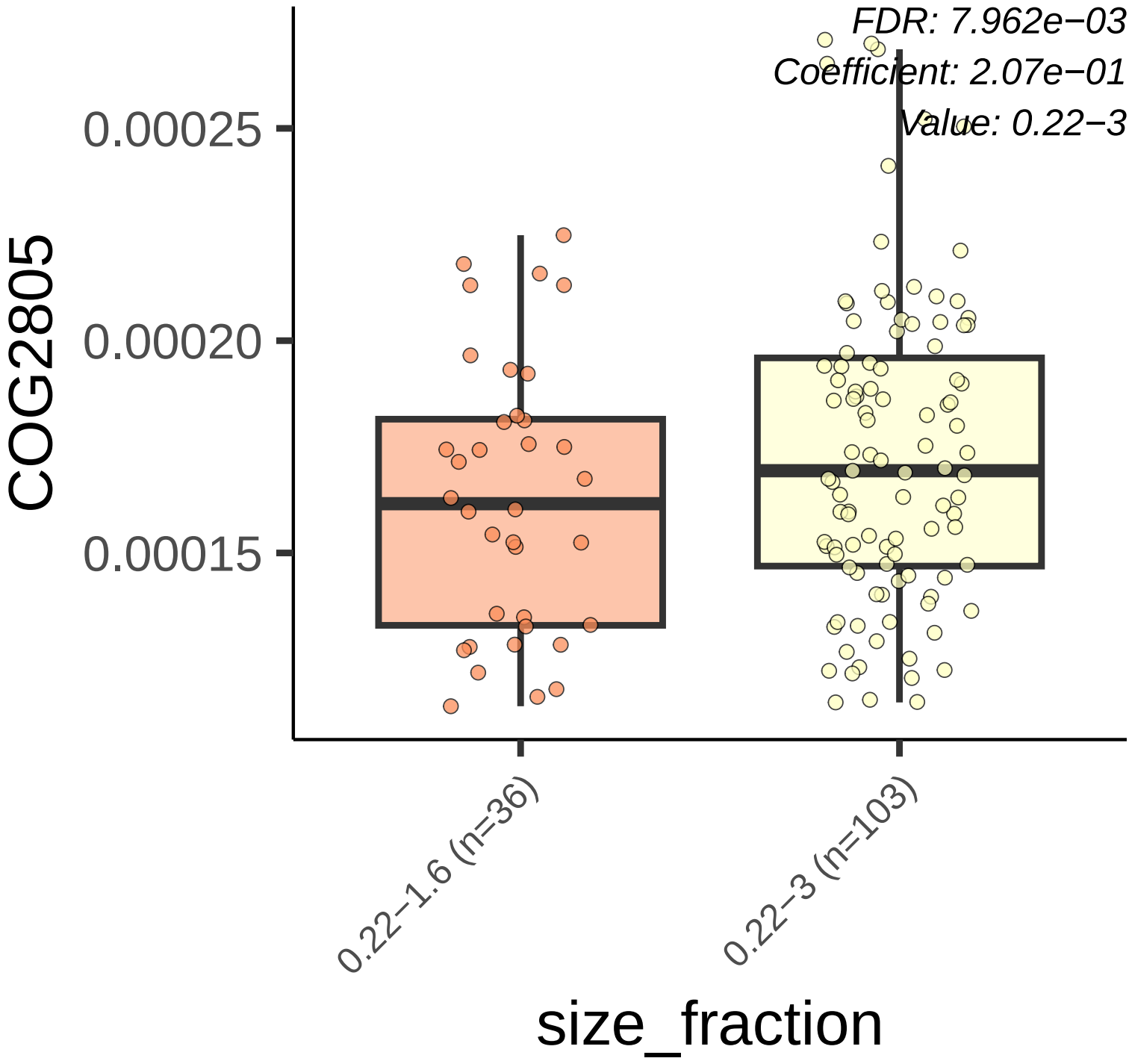

FDR: 7.806e−03
Coefficient: 3.97e−01
Value: 0.22−3
COG2146
4e−04
3e−04
2e−04
1e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

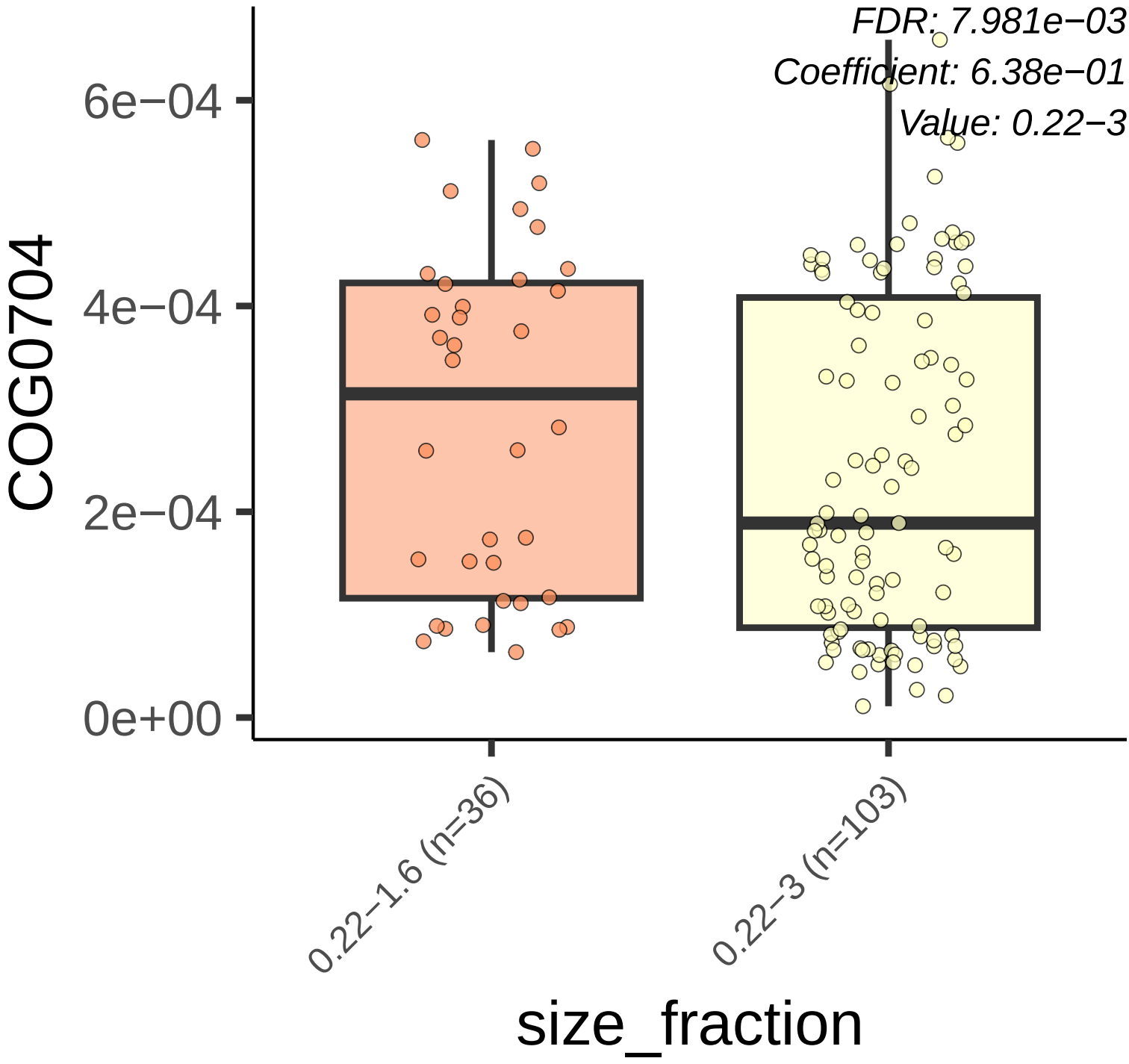

FDR: 7.848e−03
Coefficient: 6.83e−01
Value: 0.22−3
COG4245
2.0e−05
1.5e−05
1.0e−05
5.0e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

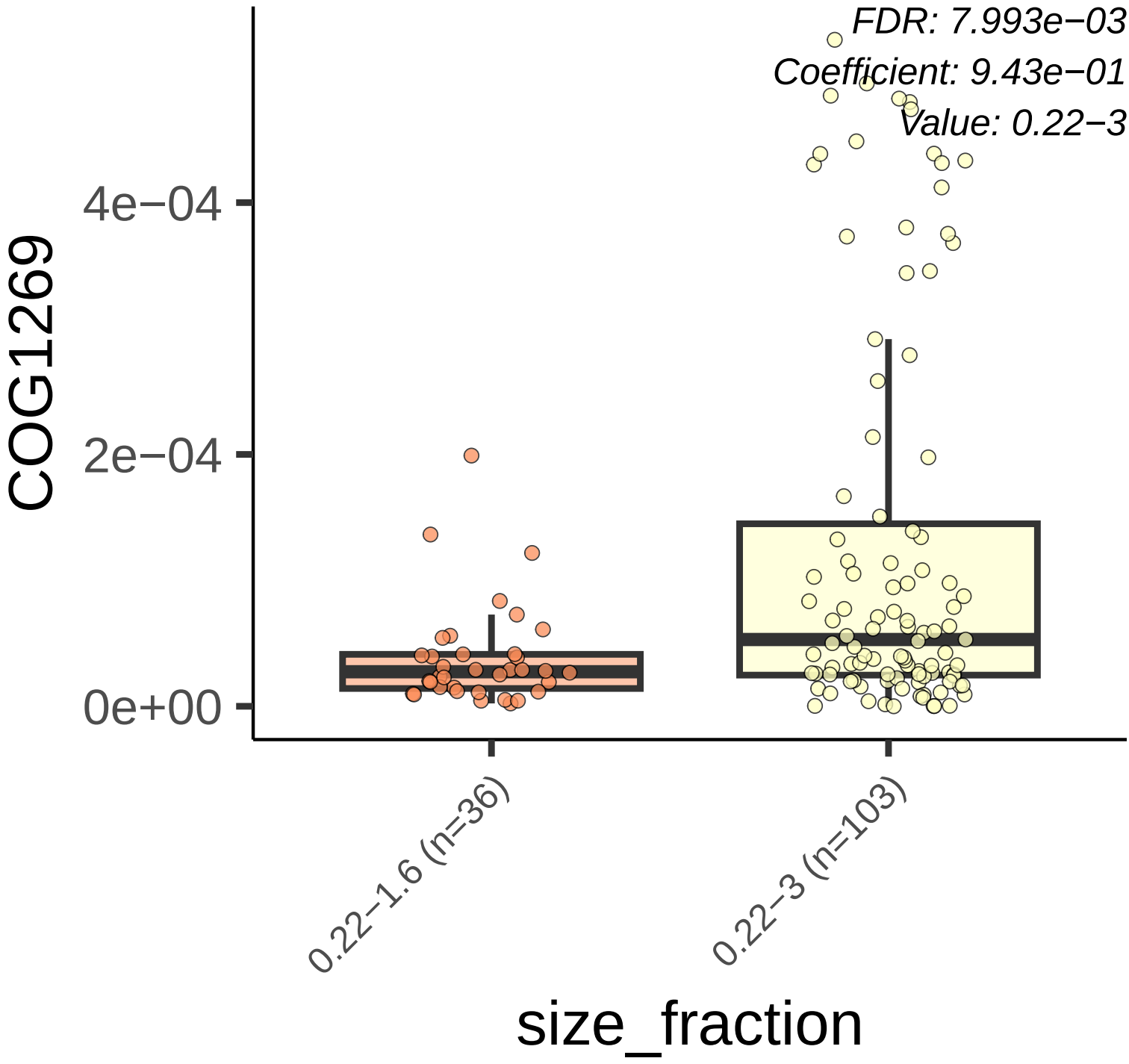

FDR: 7.870e−03
Coefficient: 9.41e−01
Value: 0.22−3
COG1394
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

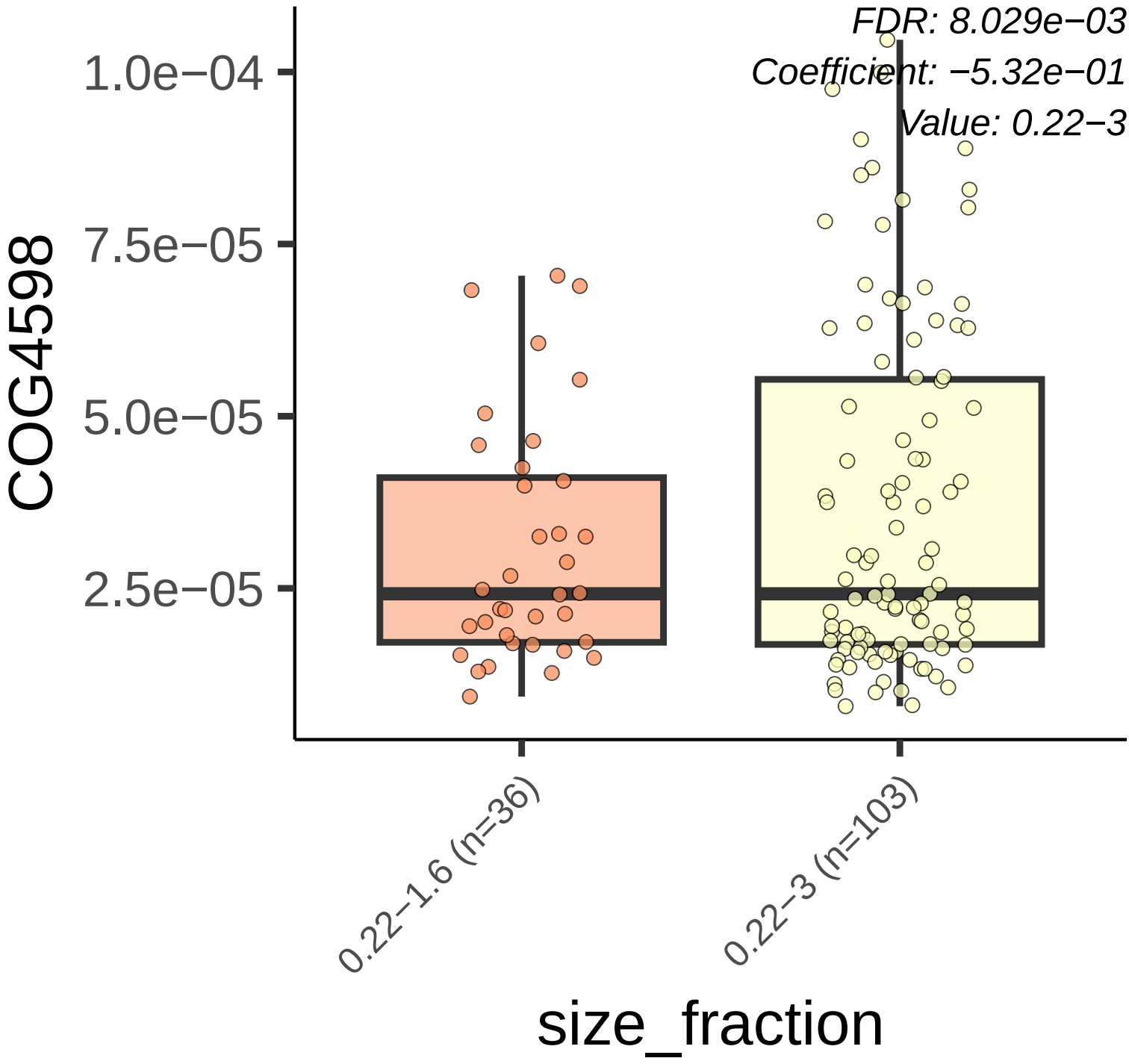

FDR: 7.935e−03
Coefficient: 9.01e−01
Value: 0.22−3
COG2443
8e−05
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

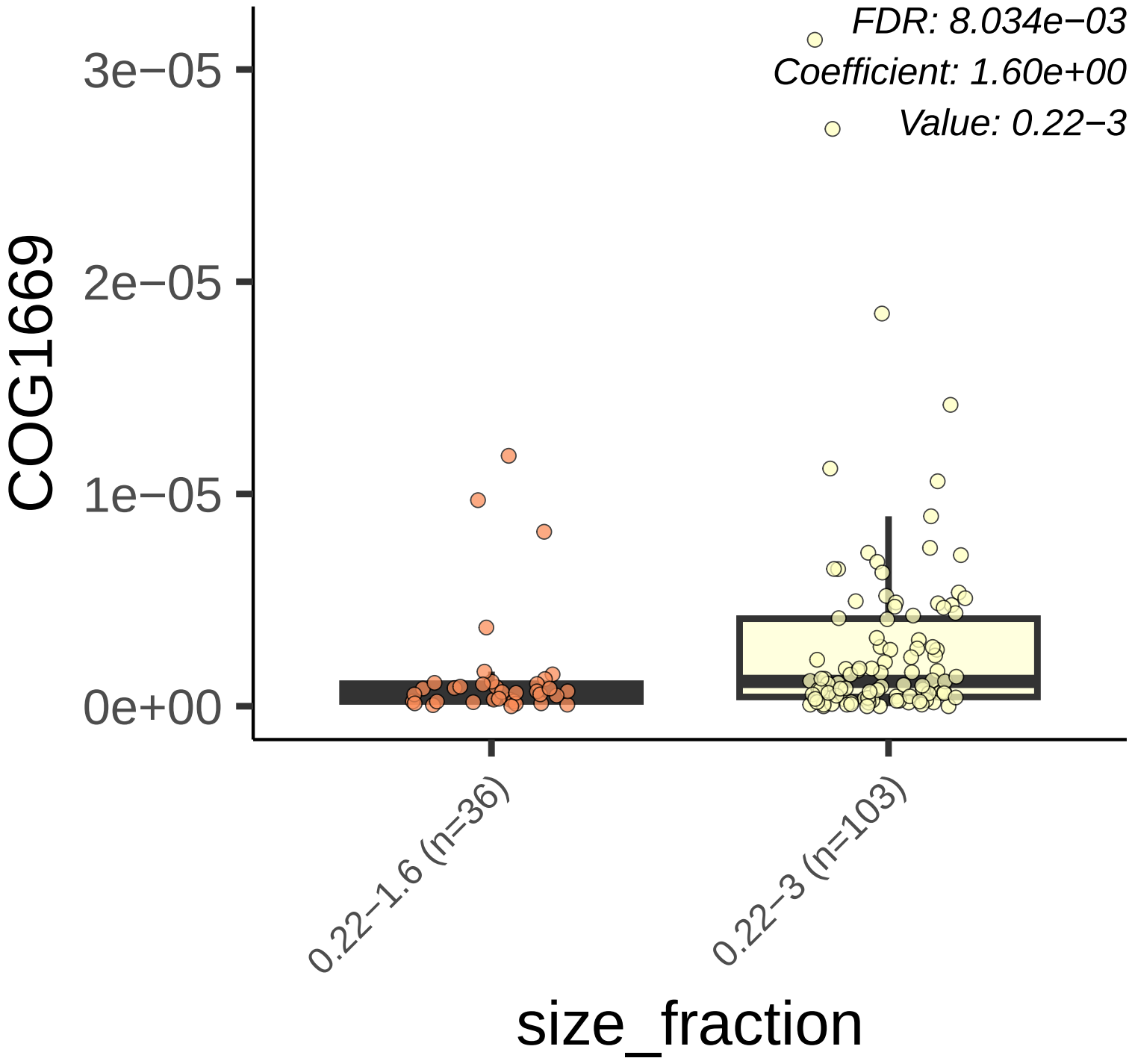

FDR: 7.949e−03
Coefficient: 4.61e+00
Value: 0.22−3
COG2018
1e−05
5e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

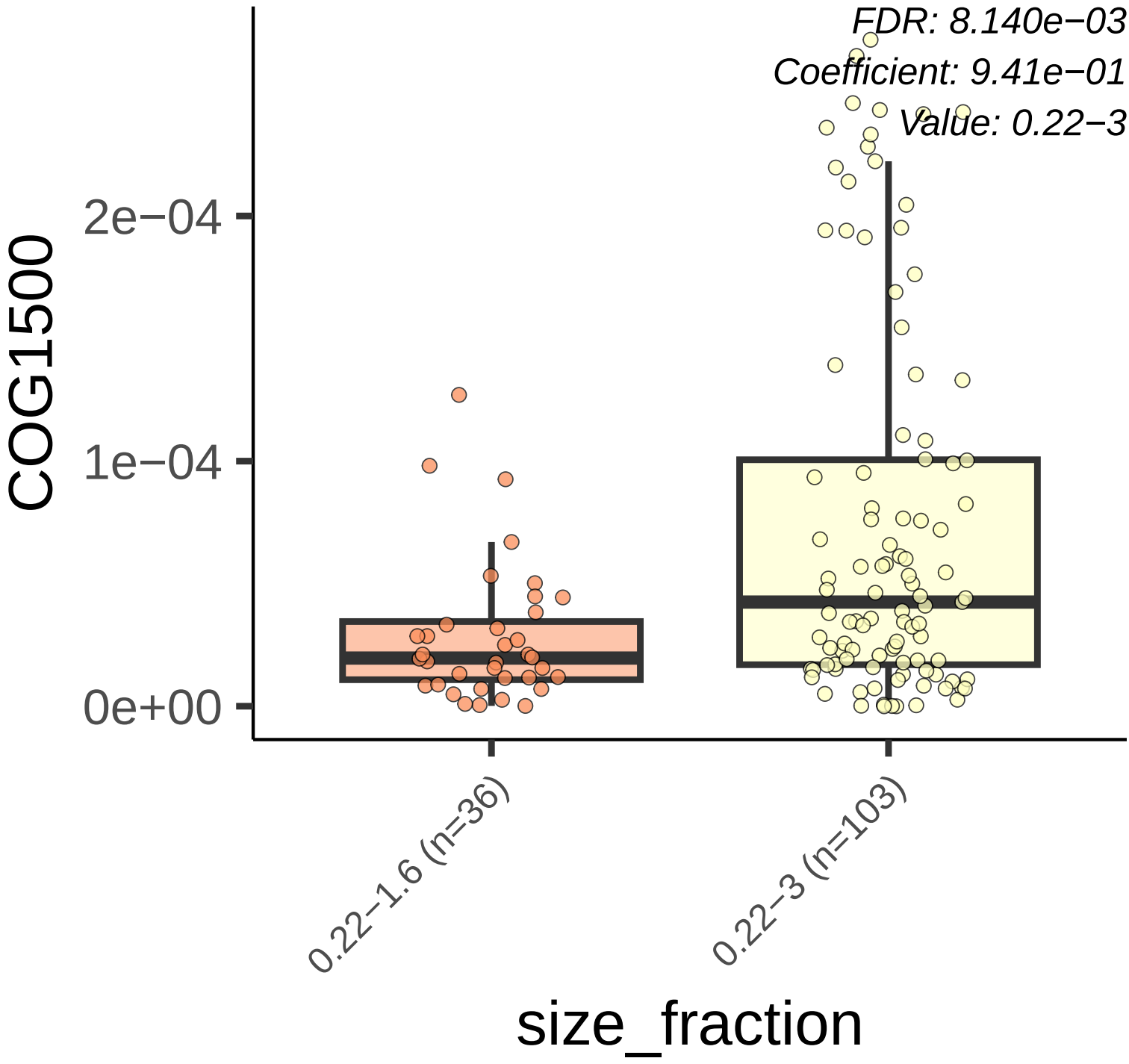

FDR: 7.962e−03
Coefficient: 2.07e−01
Value: 0.22−3
0.00025
0.00020
0.00015
COG2805
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

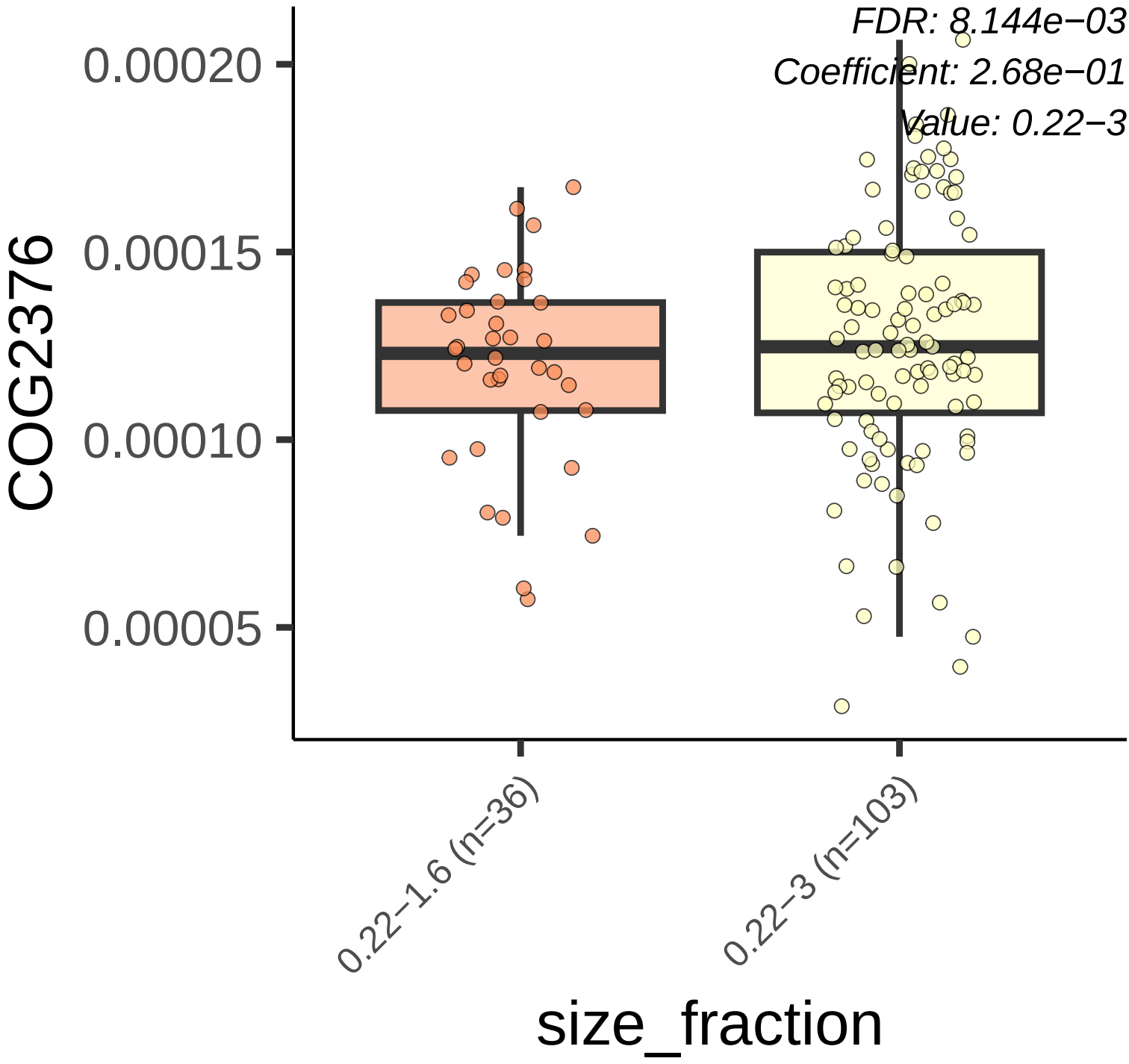

FDR: 7.981e−03
Coefficient: 6.38e−01
Value: 0.22−3
COG0704
6e−04
4e−04
2e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

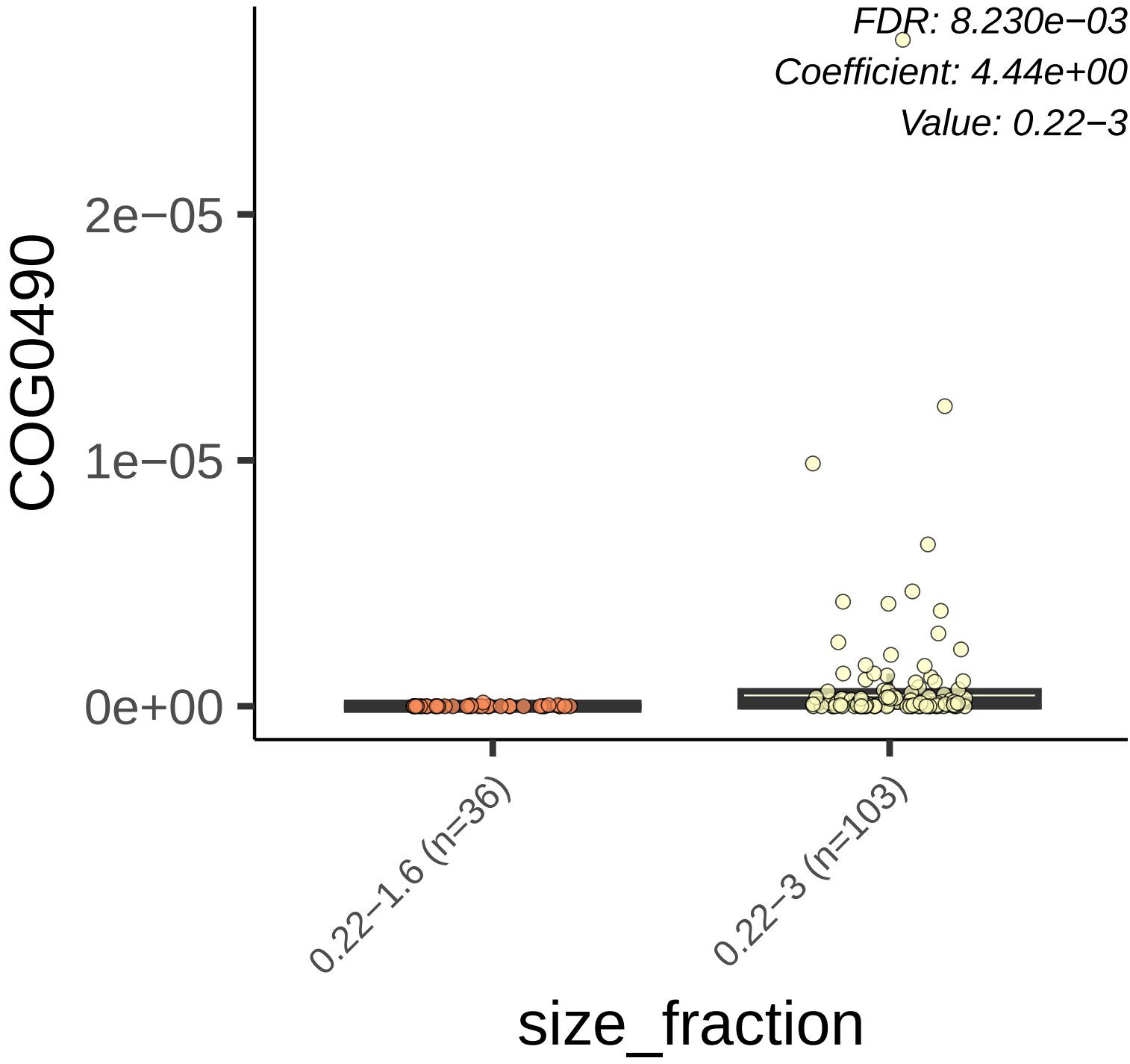

FDR: 7.993e−03
Coefficient: 9.43e−01
Value: 0.22−3
COG1269
4e−04
2e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

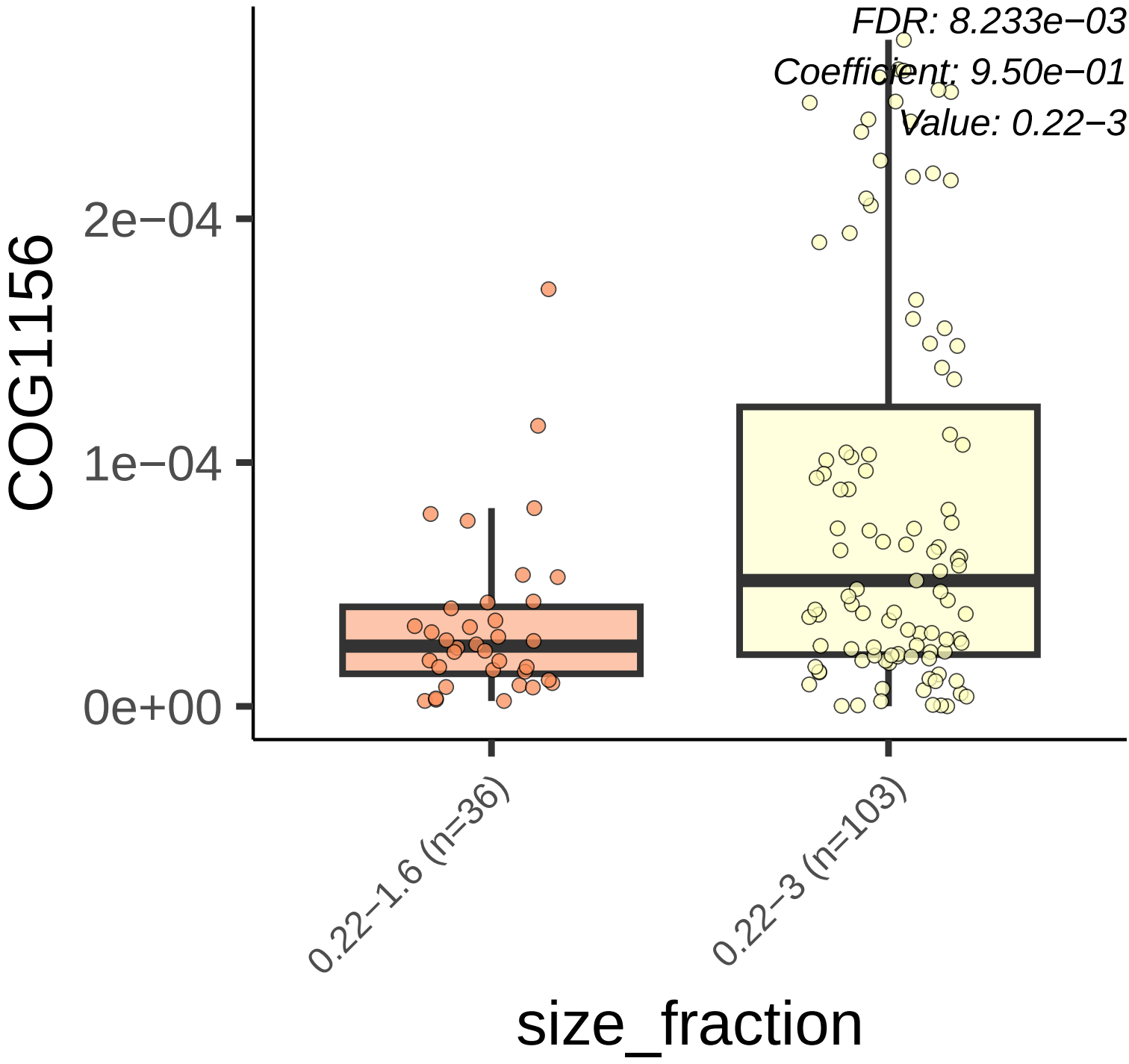

FDR: 8.029e−03
Coefficient: −5.32e−01
Value: 0.22−3
1.0e−04
7.5e−05
5.0e−05
2.5e−05
COG4598
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

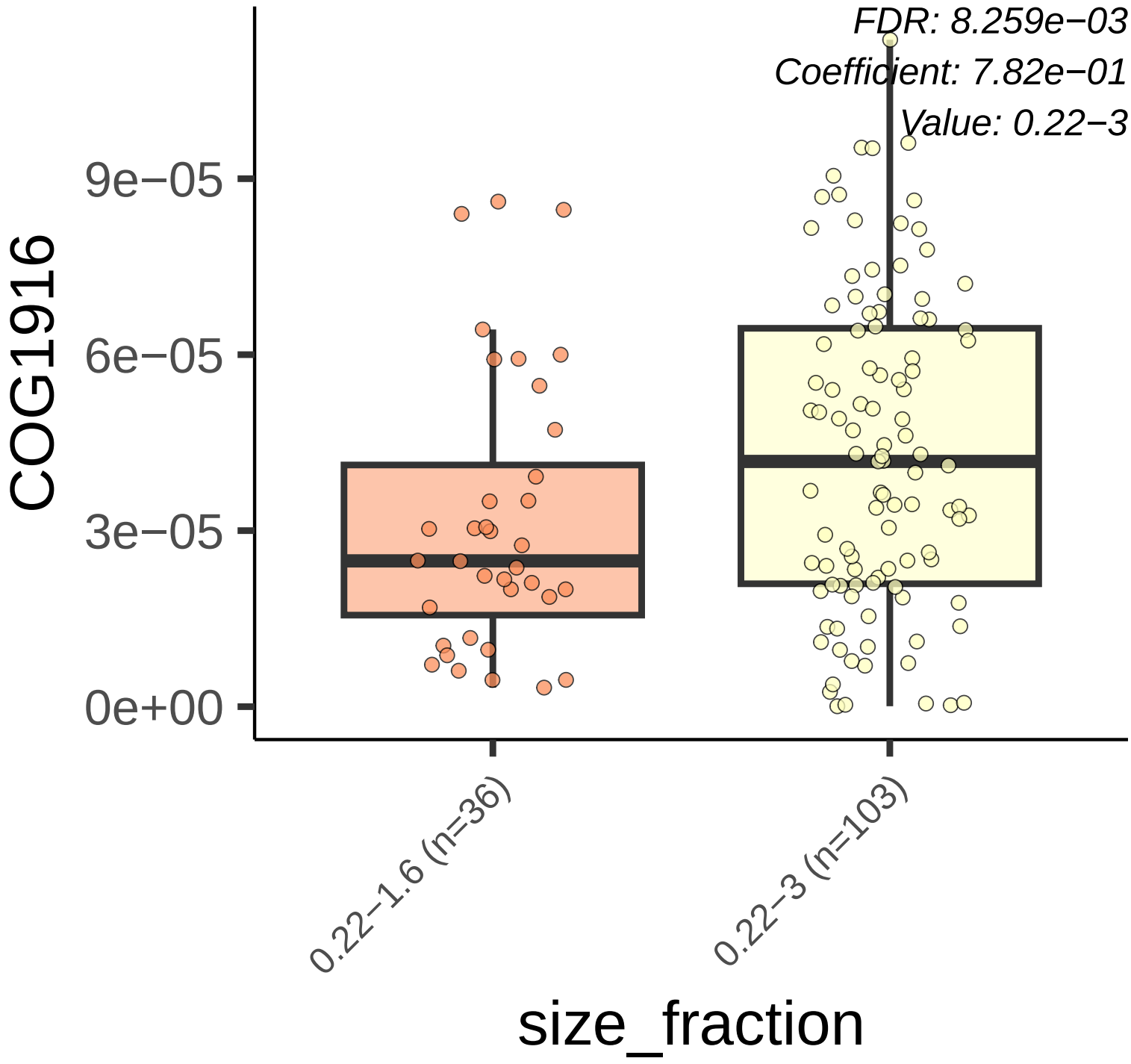

FDR: 8.034e−03
Coefficient: 1.60e+00
Value: 0.22−3
COG1669
3e−05
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

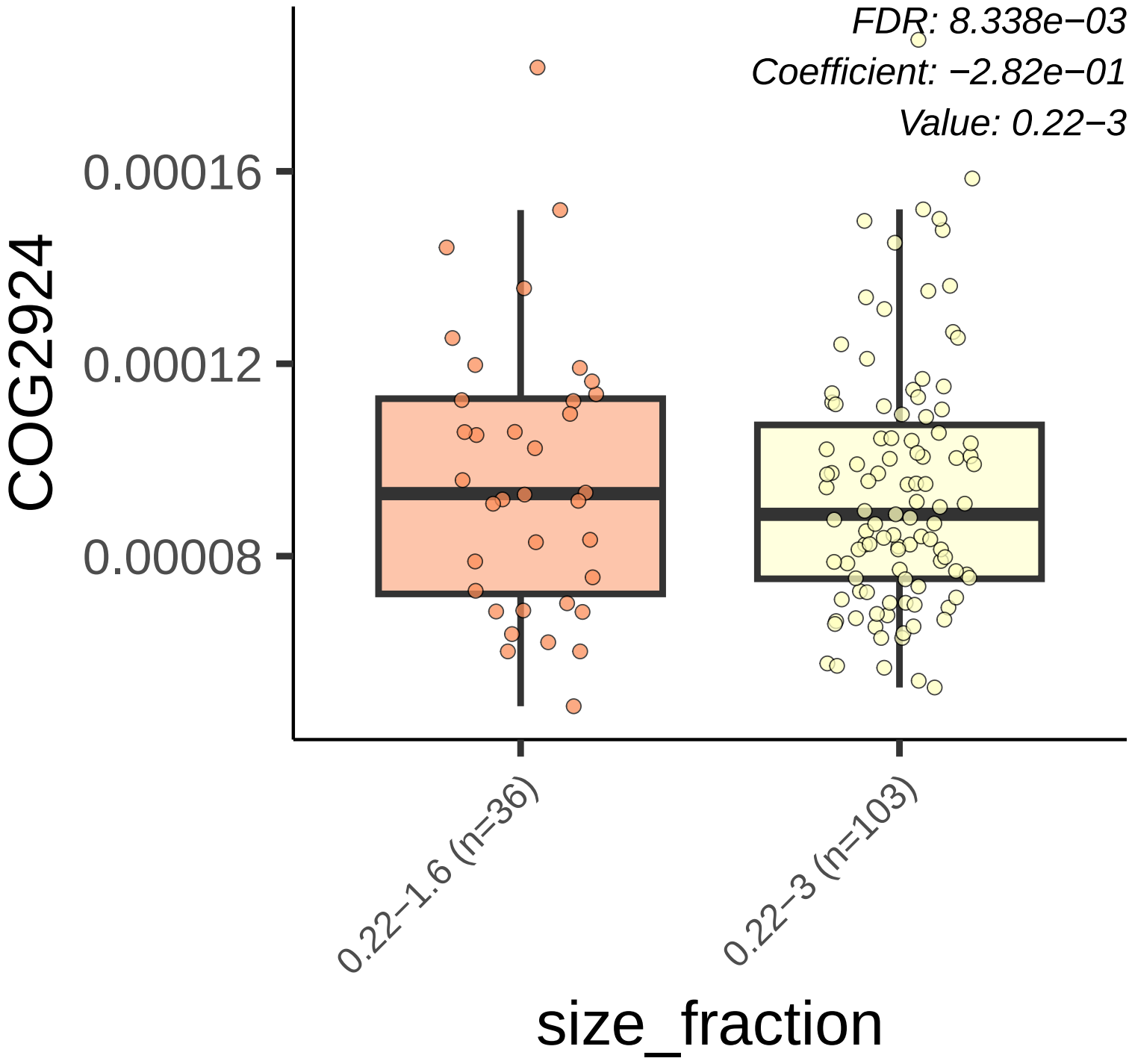

FDR: 8.140e−03
Coefficient: 9.41e−01
Value: 0.22−3
COG1500
2e−04
1e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

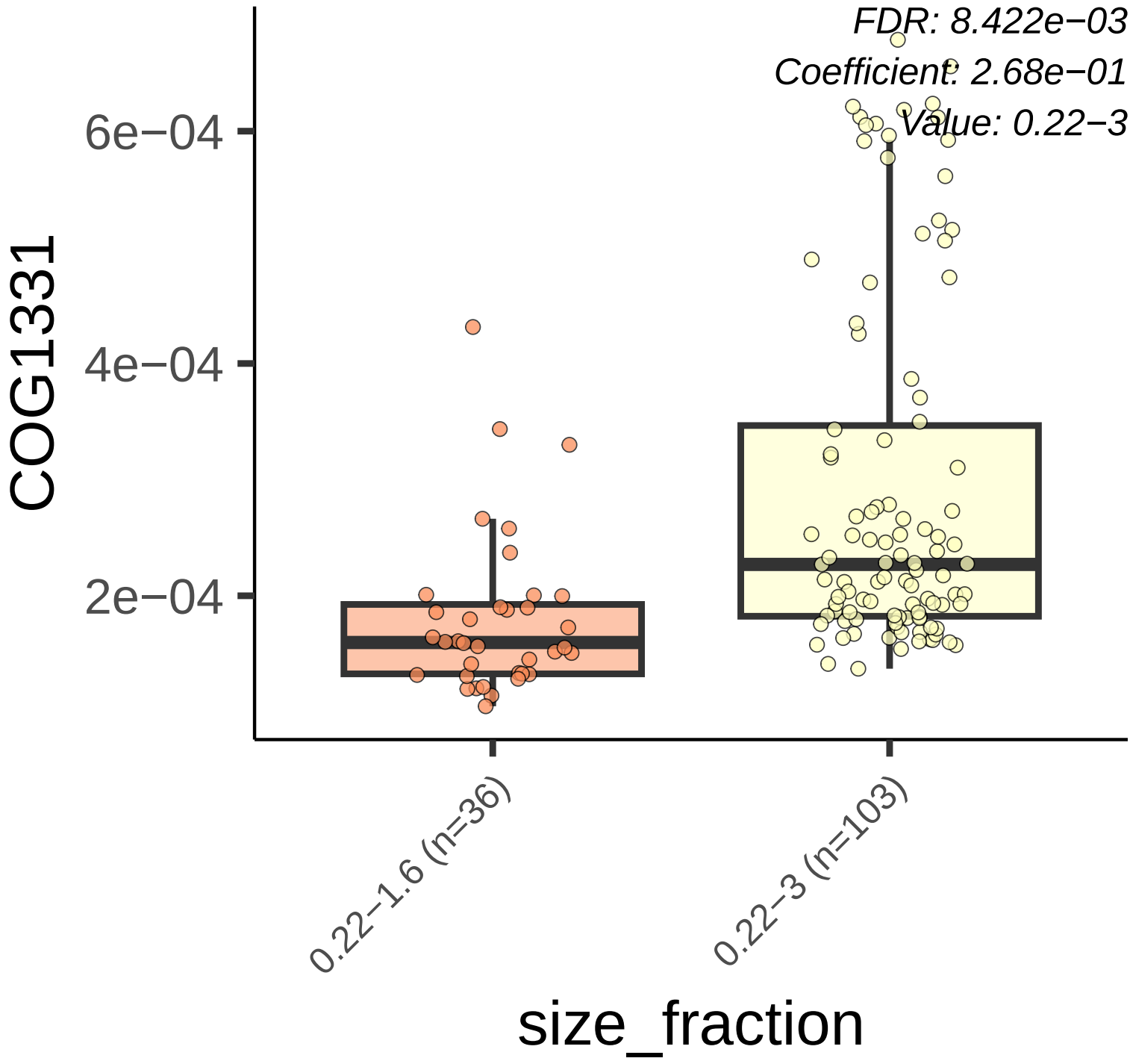

FDR: 8.144e−03
Coefficient: 2.68e−01
Value: 0.22−3
COG2376
0.00020
0.00015
0.00010
0.00005
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

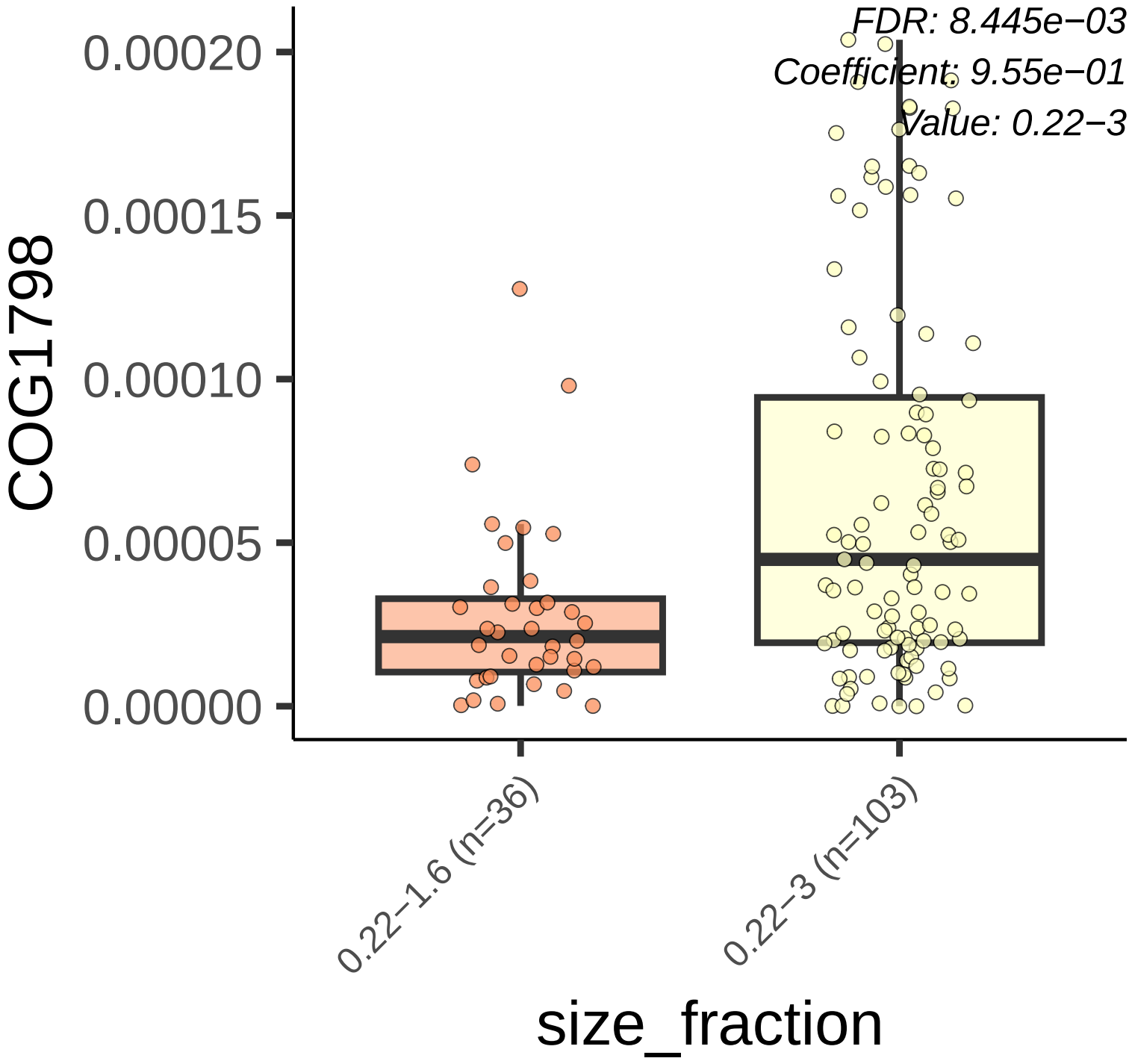

FDR: 8.230e−03
Coefficient: 4.44e+00
Value: 0.22−3
COG0490
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

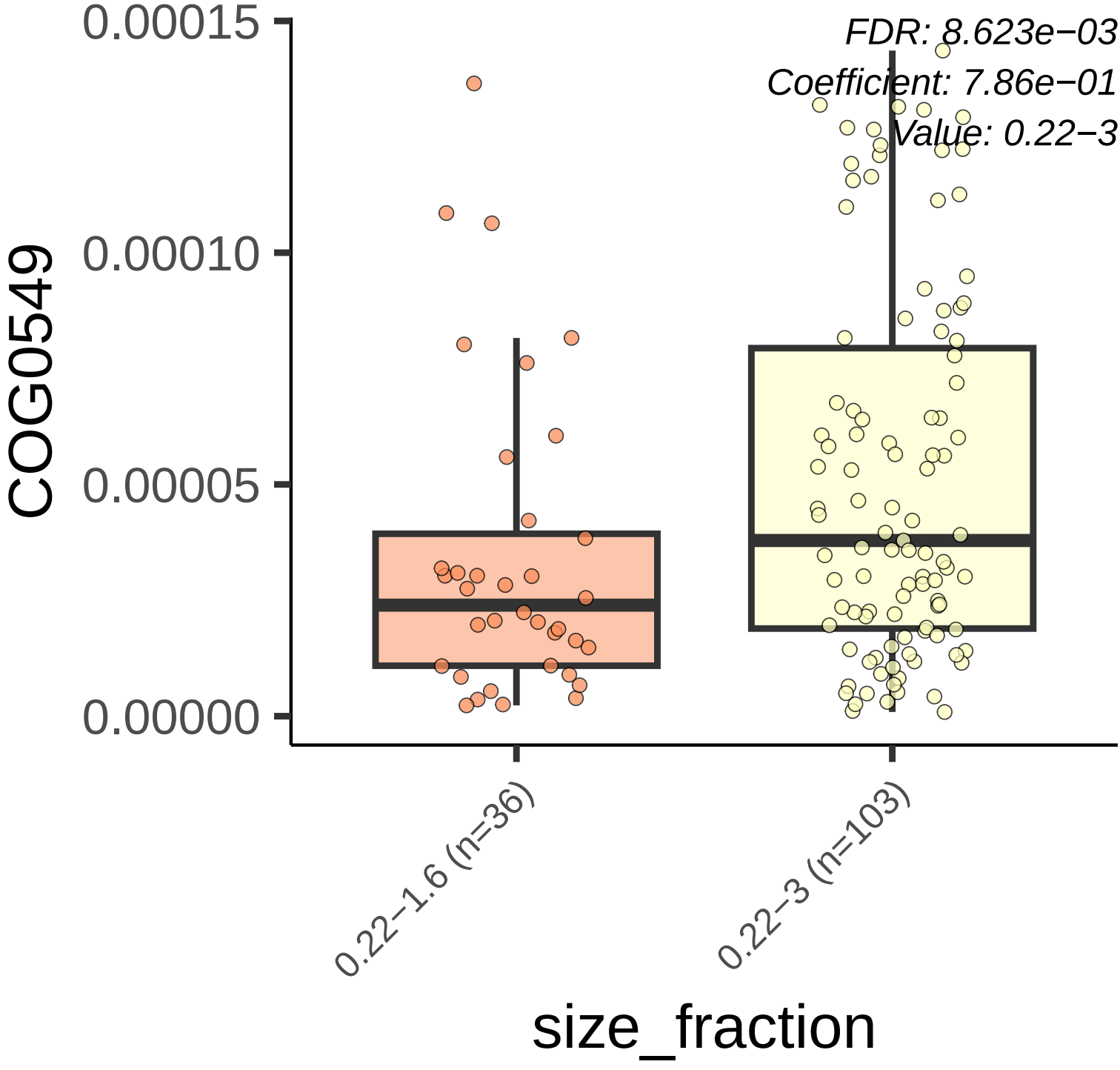

FDR: 8.233e−03
Coefficient: 9.50e−01
Value: 0.22−3
COG1156
2e−04
1e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

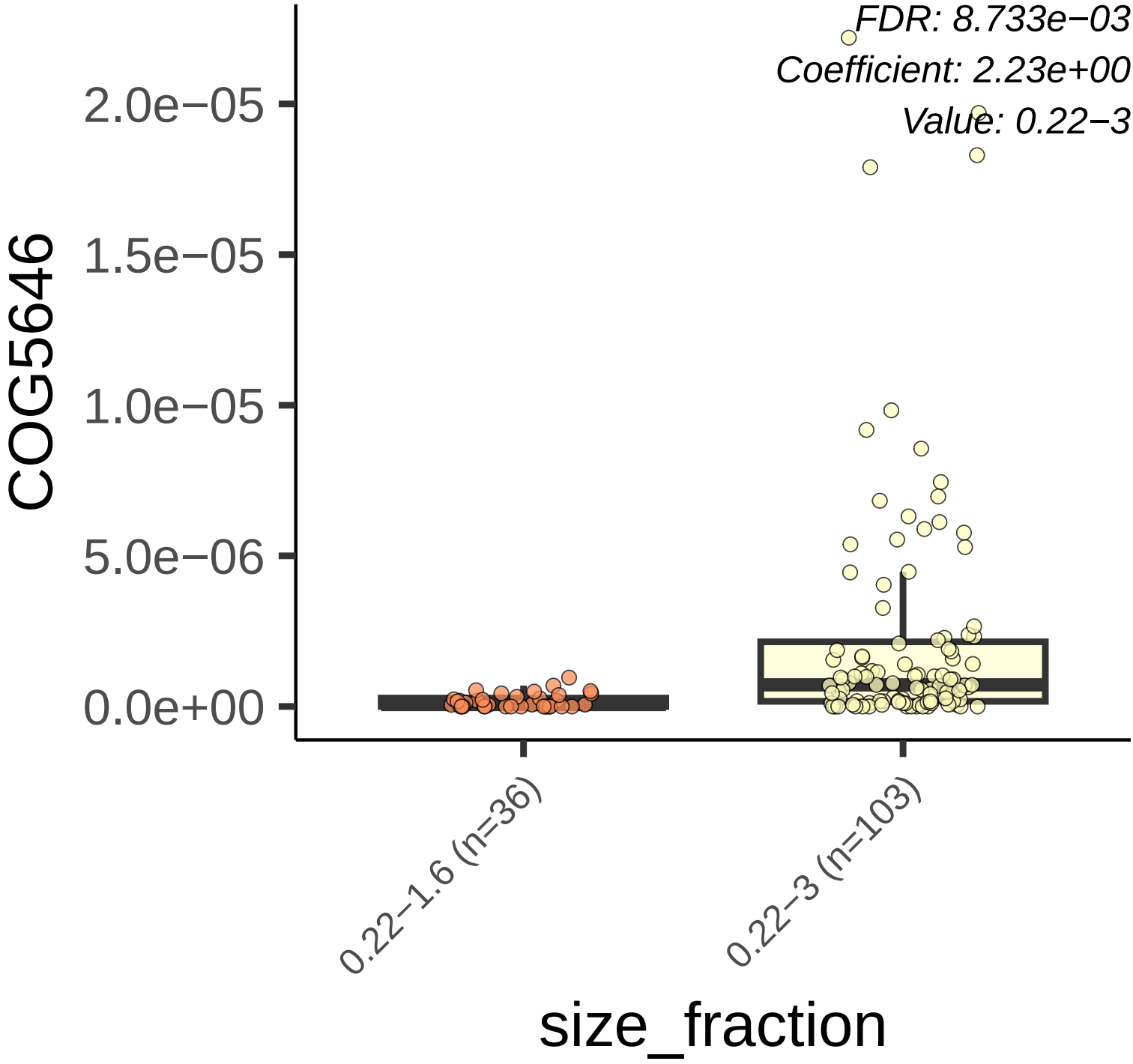

FDR: 8.259e−03
Coefficient: 7.82e−01
Value: 0.22−3
COG1916
9e−05
6e−05
3e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

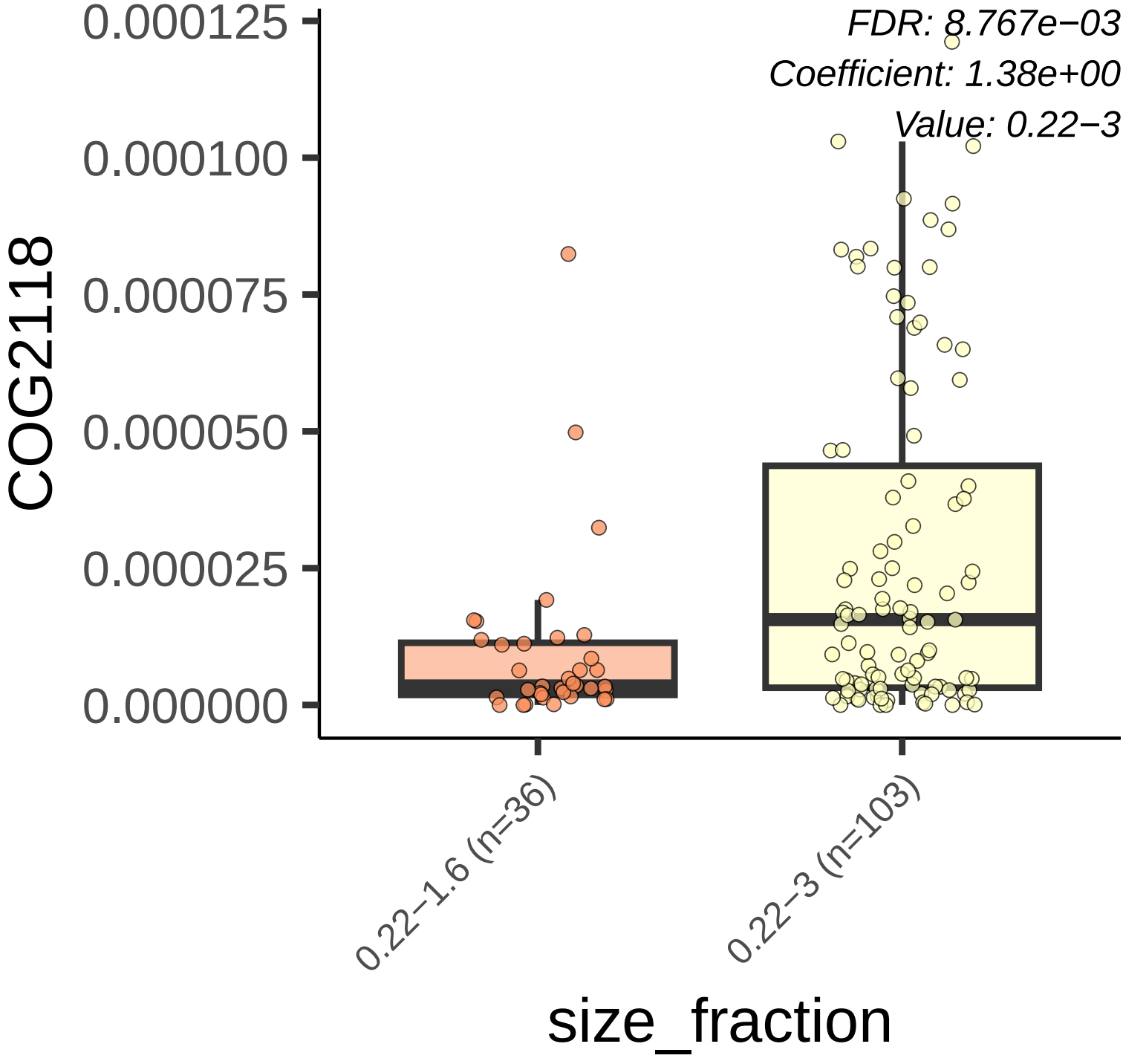

FDR: 8.338e−03
Coefficient: −2.82e−01
Value: 0.22−3
COG2924
0.00016
0.00012
0.00008
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 8.422e−03
Coefficient: 2.68e−01
Value: 0.22−3
COG1331
6e−04
4e−04
2e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 8.445e−03
Coefficient: 9.55e−01
Value: 0.22−3
COG1798
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 8.623e−03
Coefficient: 7.86e−01
Value: 0.22−3
COG0549
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 8.733e−03
Coefficient: 2.23e+00
Value: 0.22−3
COG5646
2.0e−05
1.5e−05
1.0e−05
5.0e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 8.767e−03
Coefficient: 1.38e+00
Value: 0.22−3
COG2118
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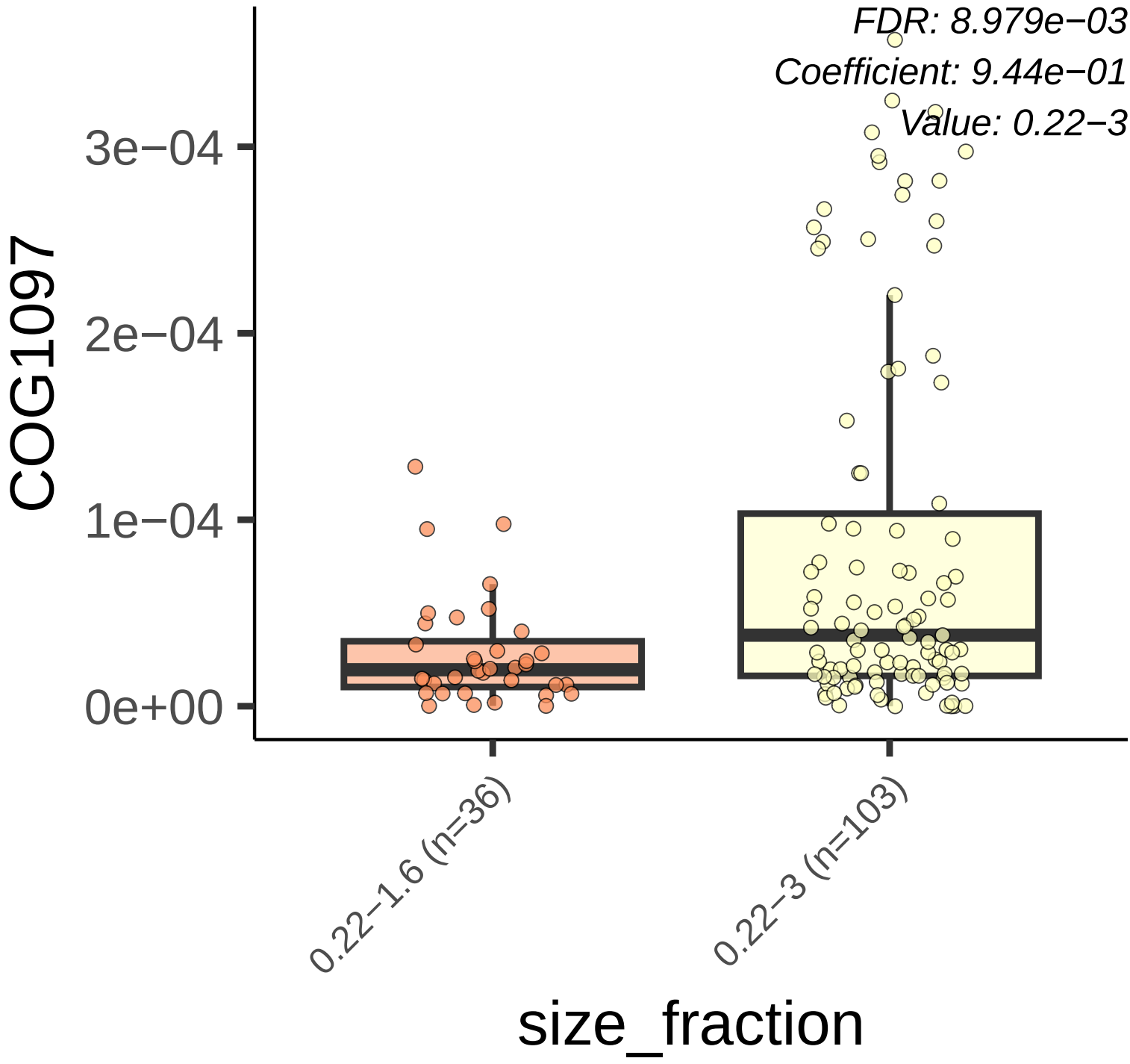
0.000100
0.000075
0.000050
0.000025
0.000000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 8.979e−03
Coefficient: 9.44e−01
Value: 0.22−3
COG1097
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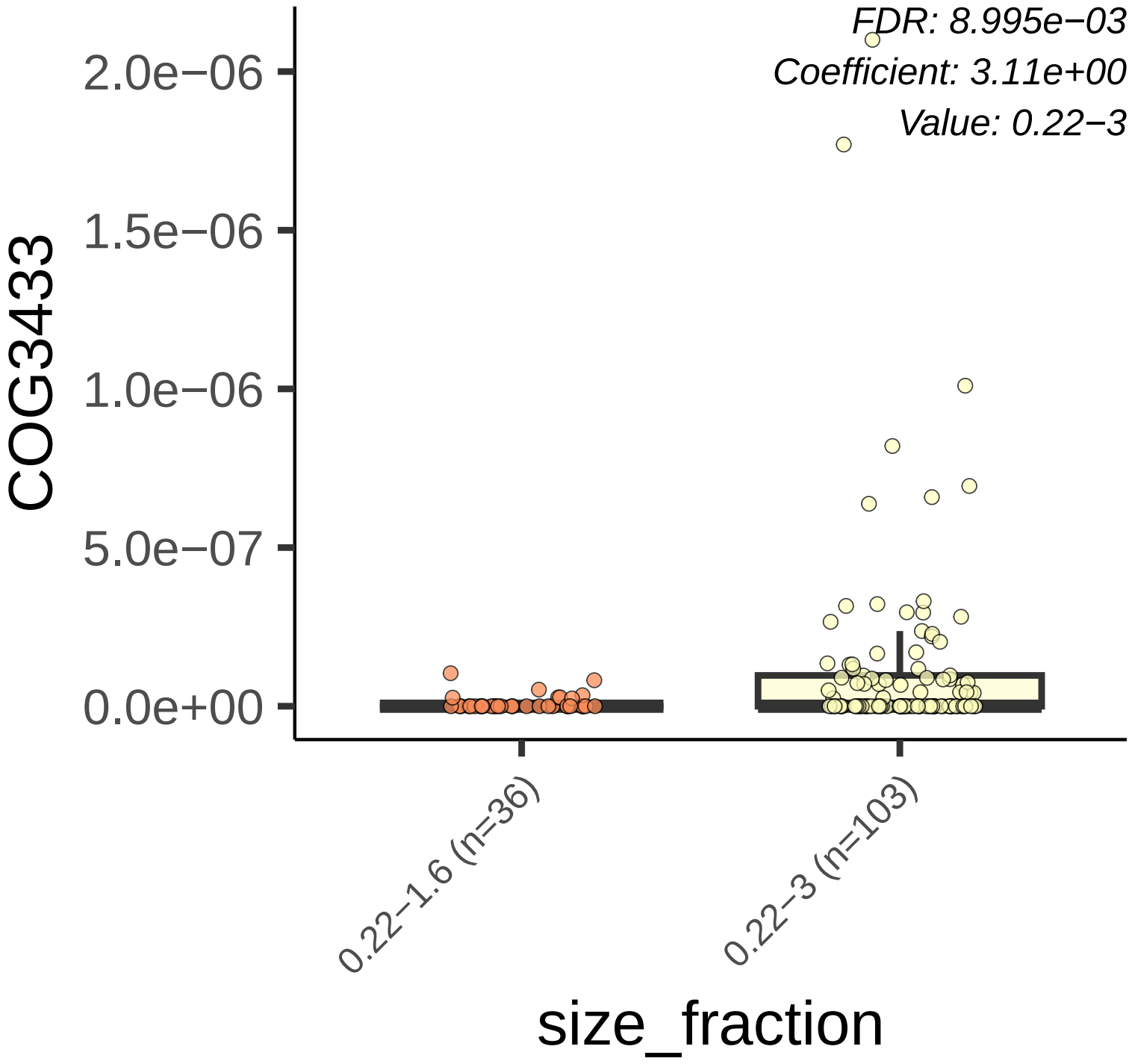
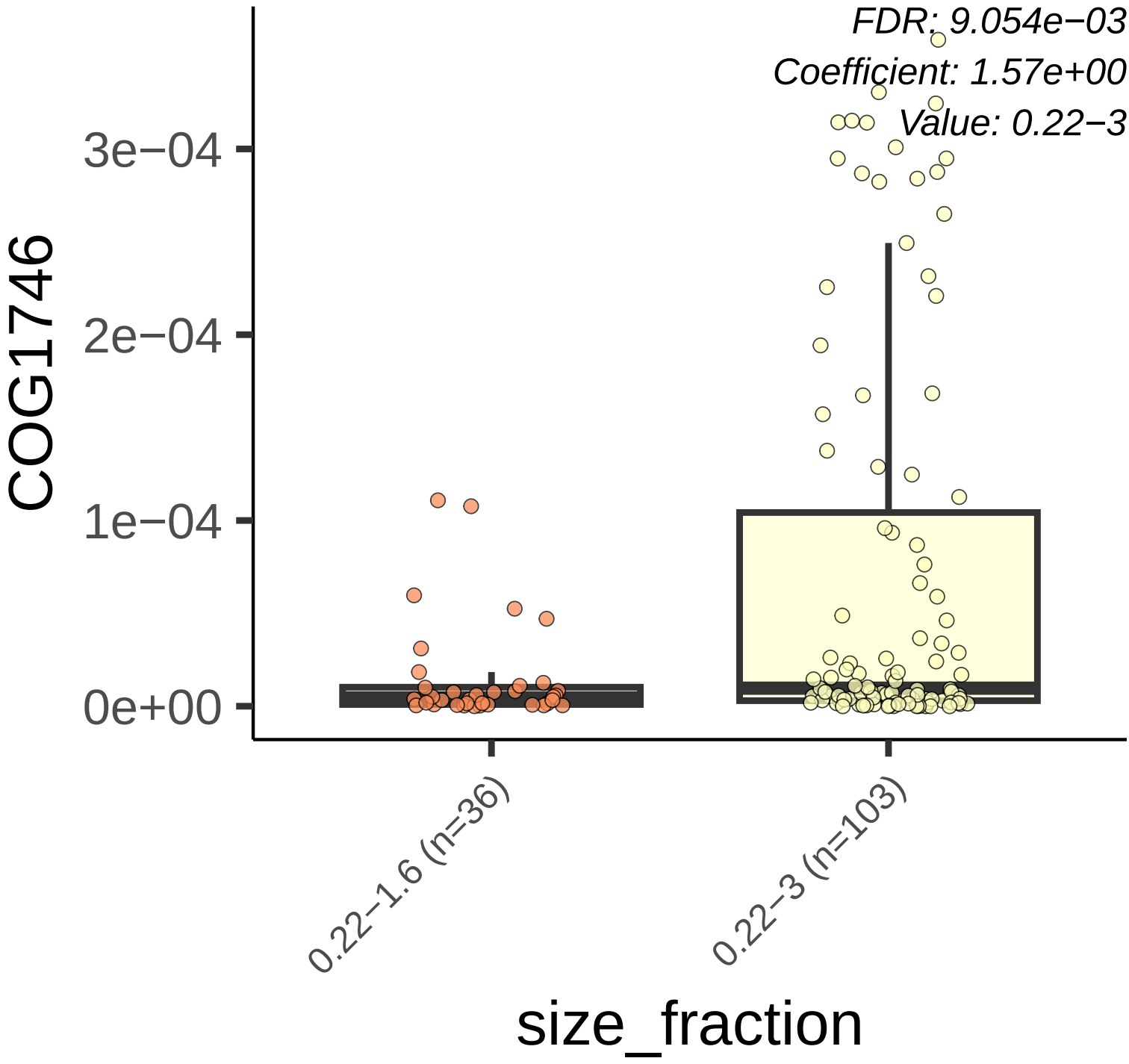
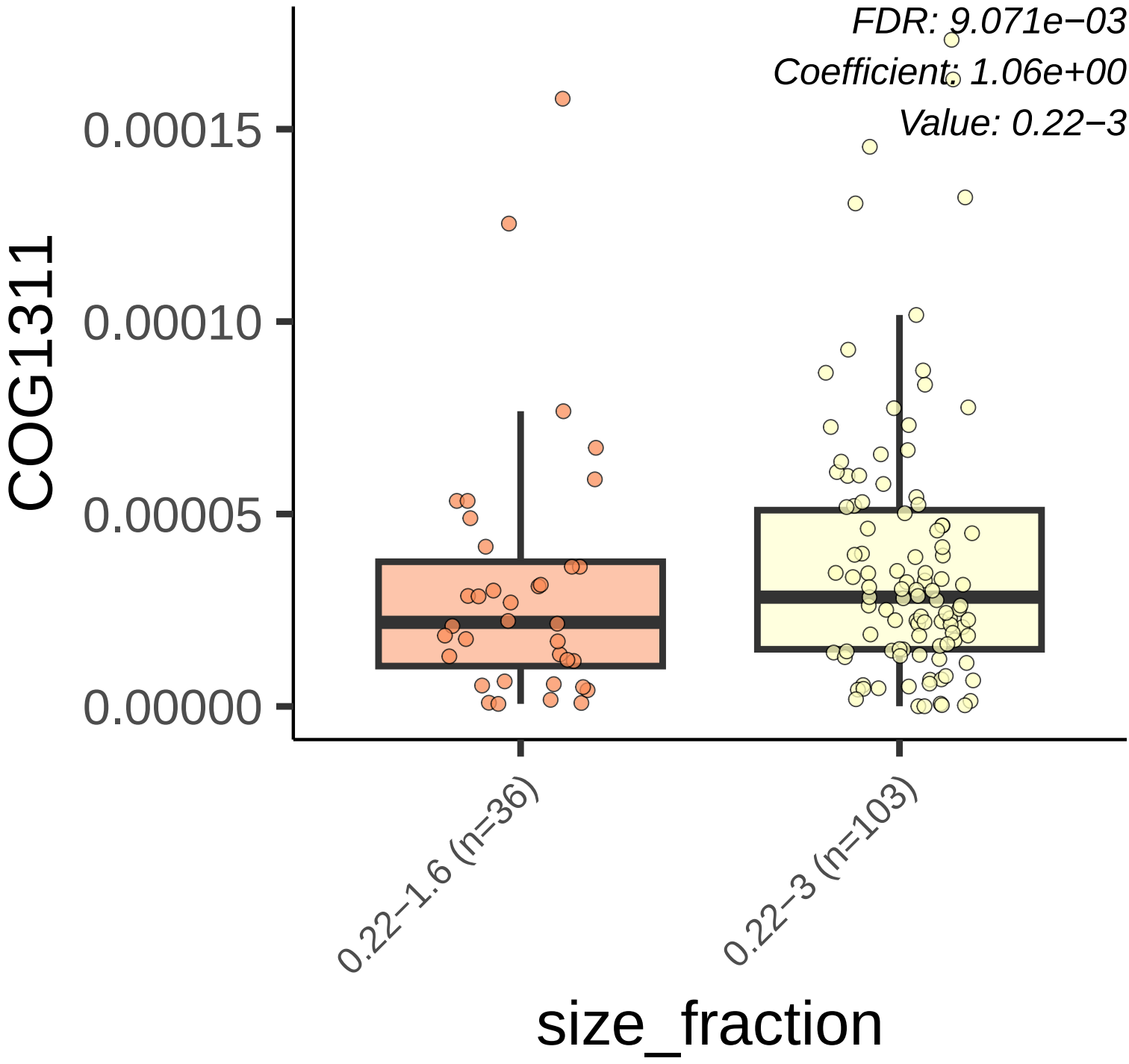
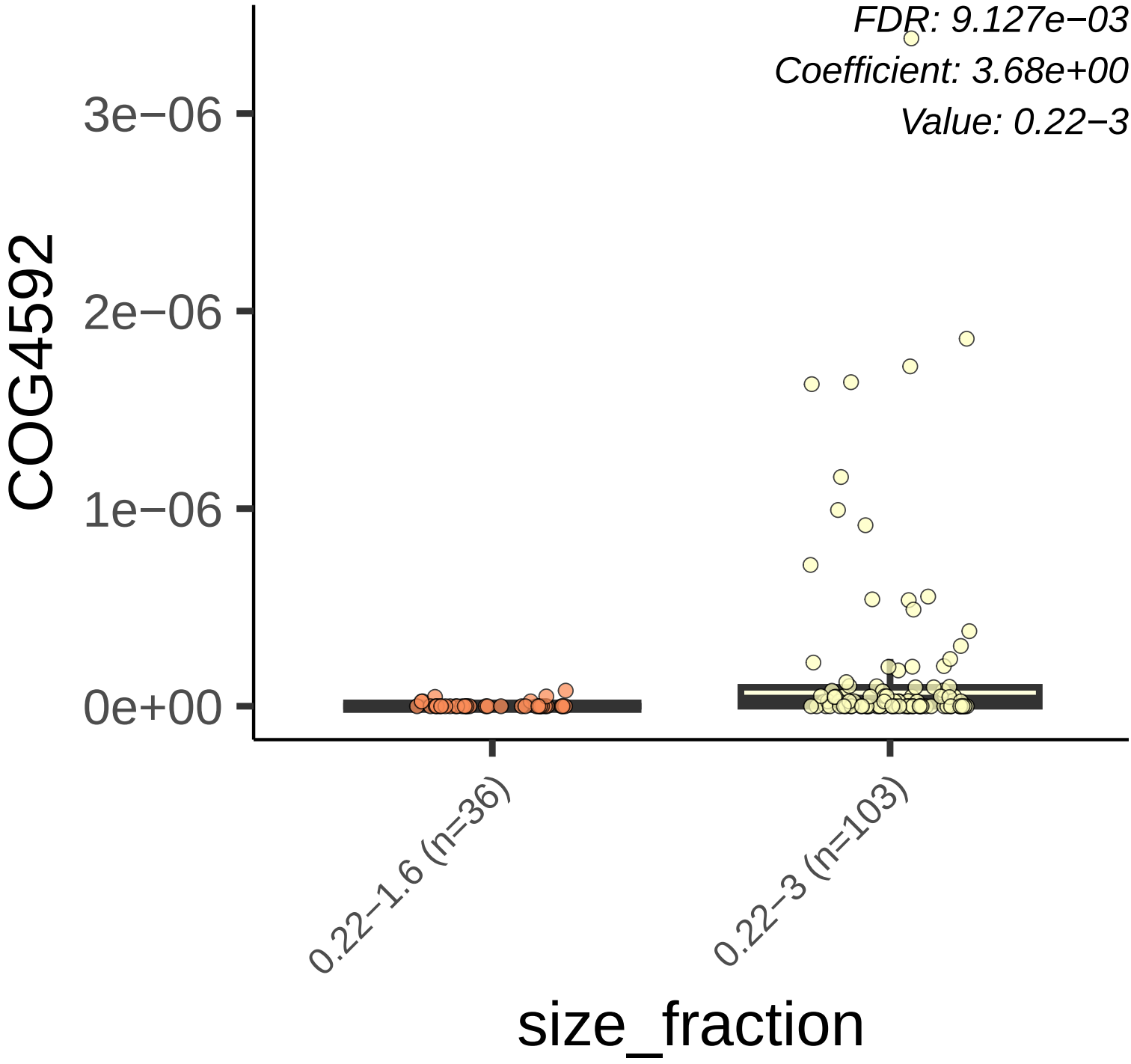
2e−04
1e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 8.995e−03
Coefficient: 3.11e+00
Value: 0.22−3
COG3433
2.0e−06
1.5e−06
1.0e−06
5.0e−07
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 9.054e−03
Coefficient: 1.57e+00
Value: 0.22−3
COG1746
3e−04
2e−04
1e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 9.071e−03
Coefficient: 1.06e+00
Value: 0.22−3
COG1311
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 9.127e−03
Coefficient: 3.68e+00
Value: 0.22−3
COG4592
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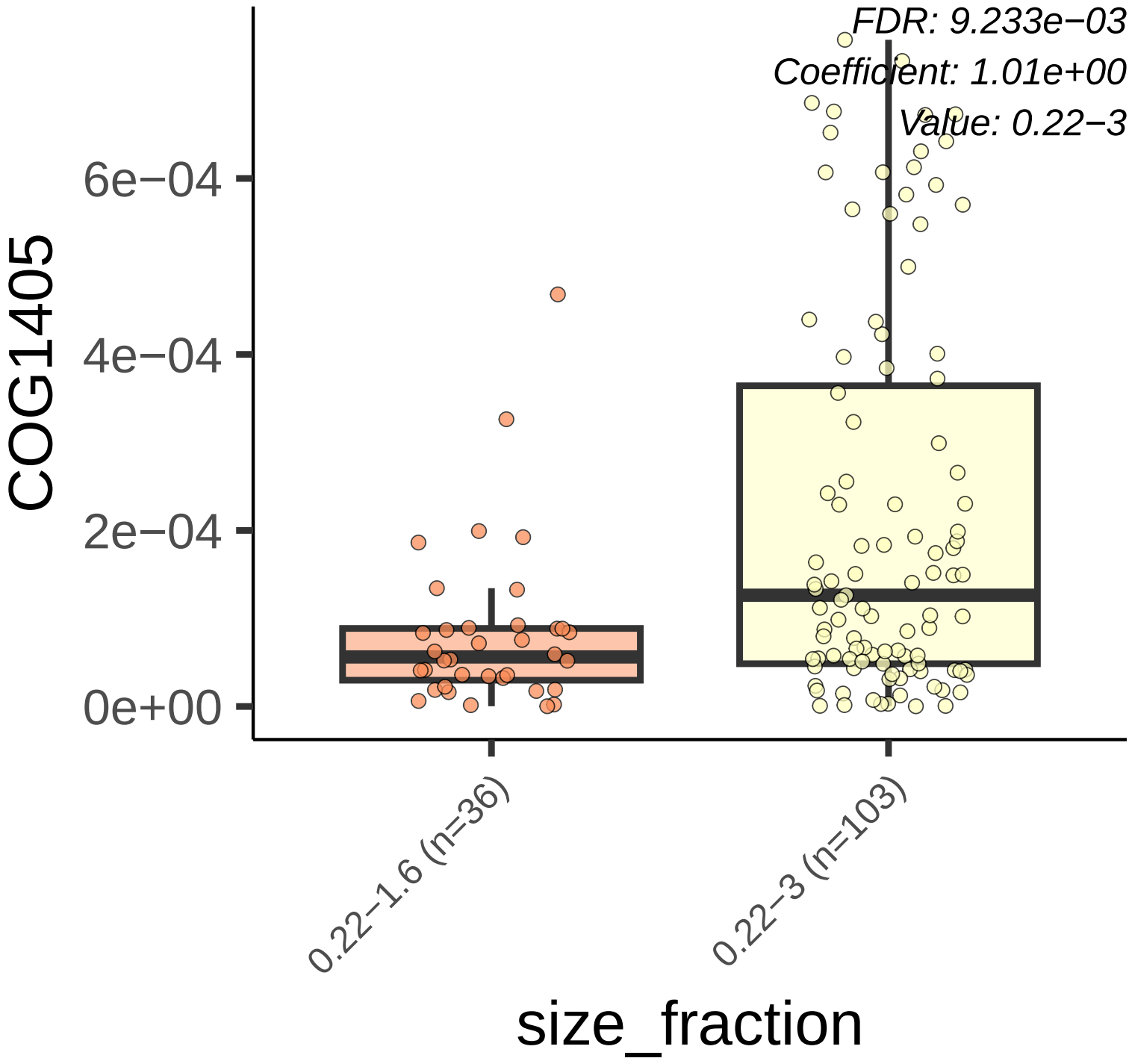
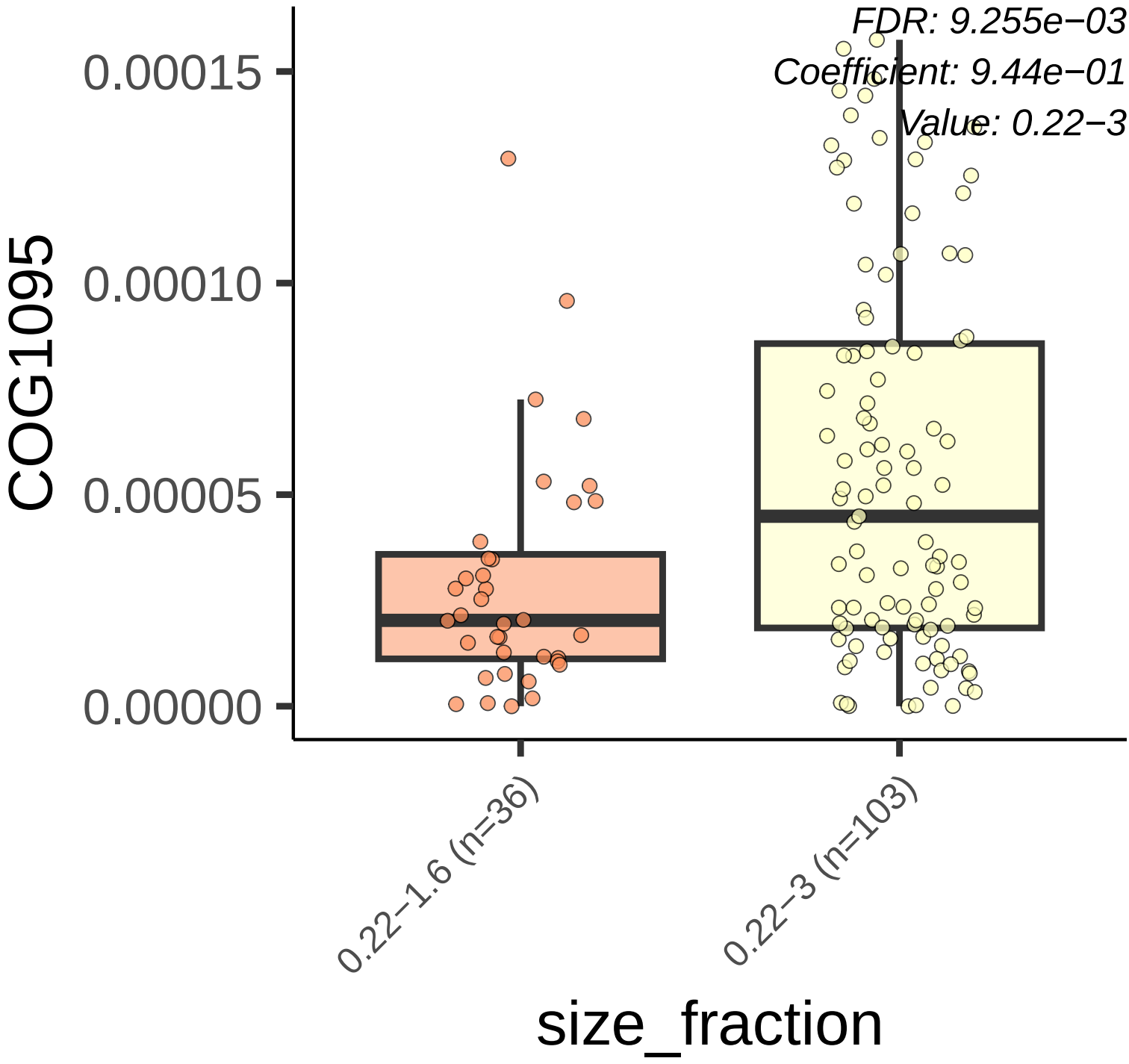
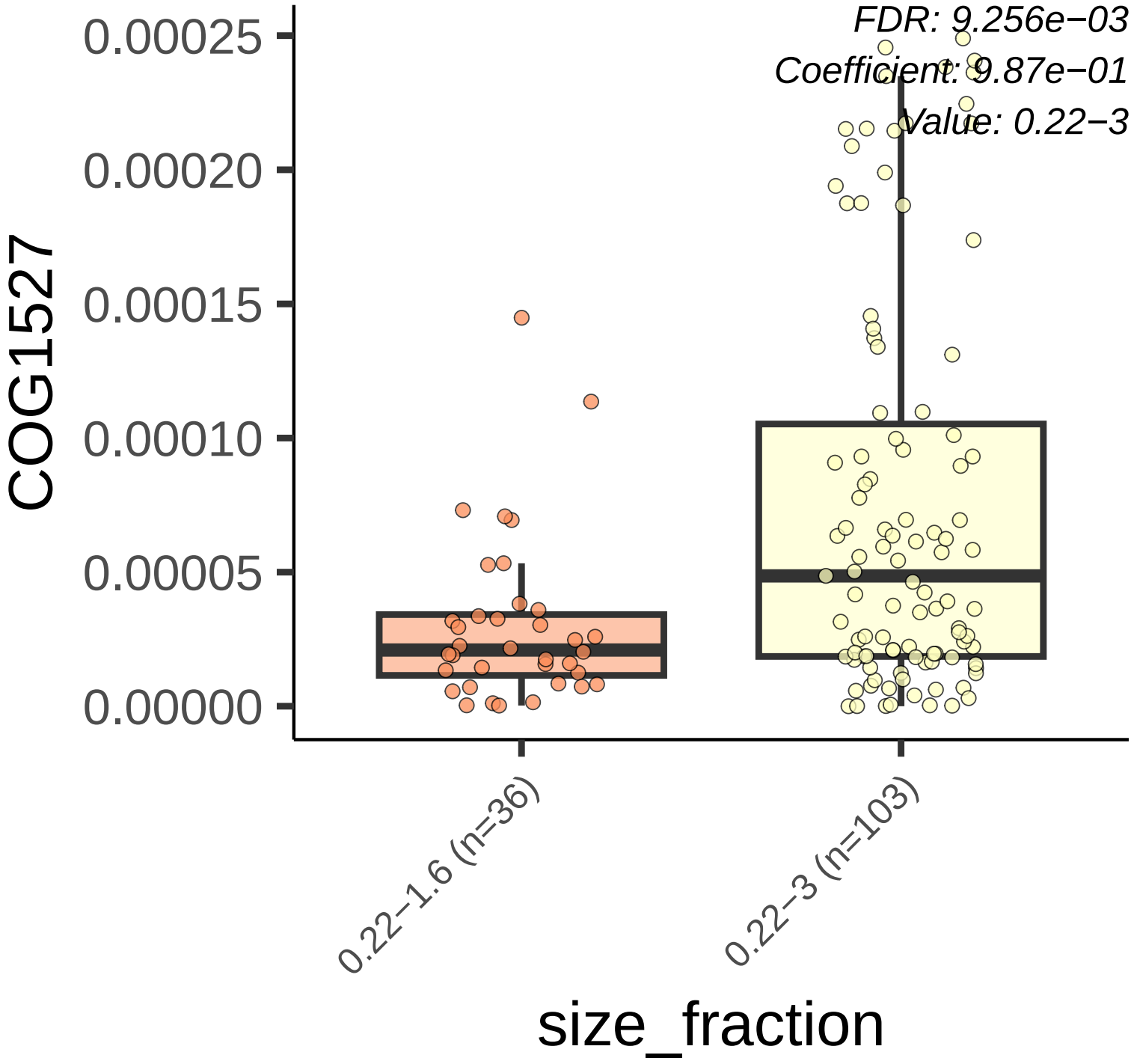
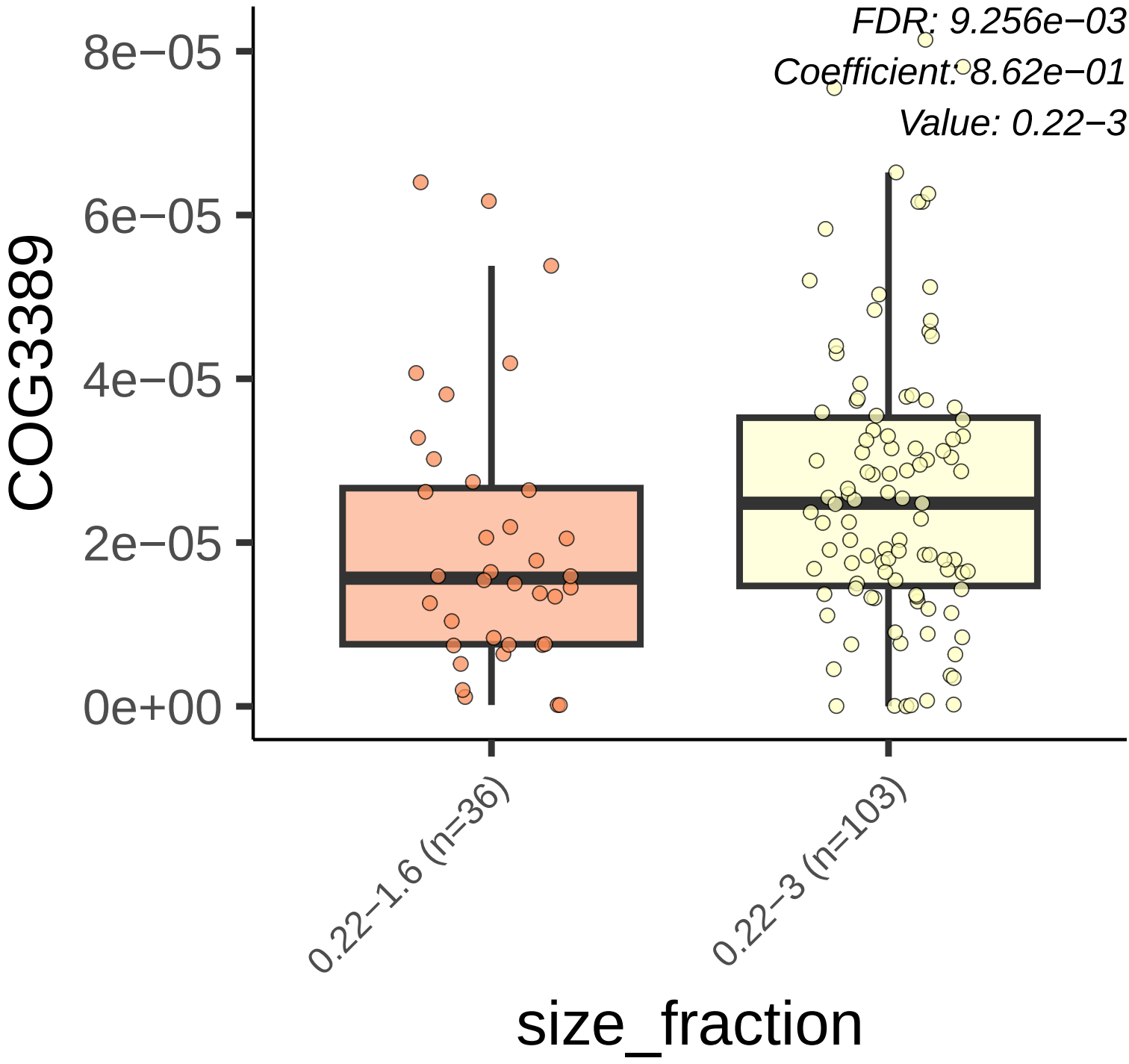
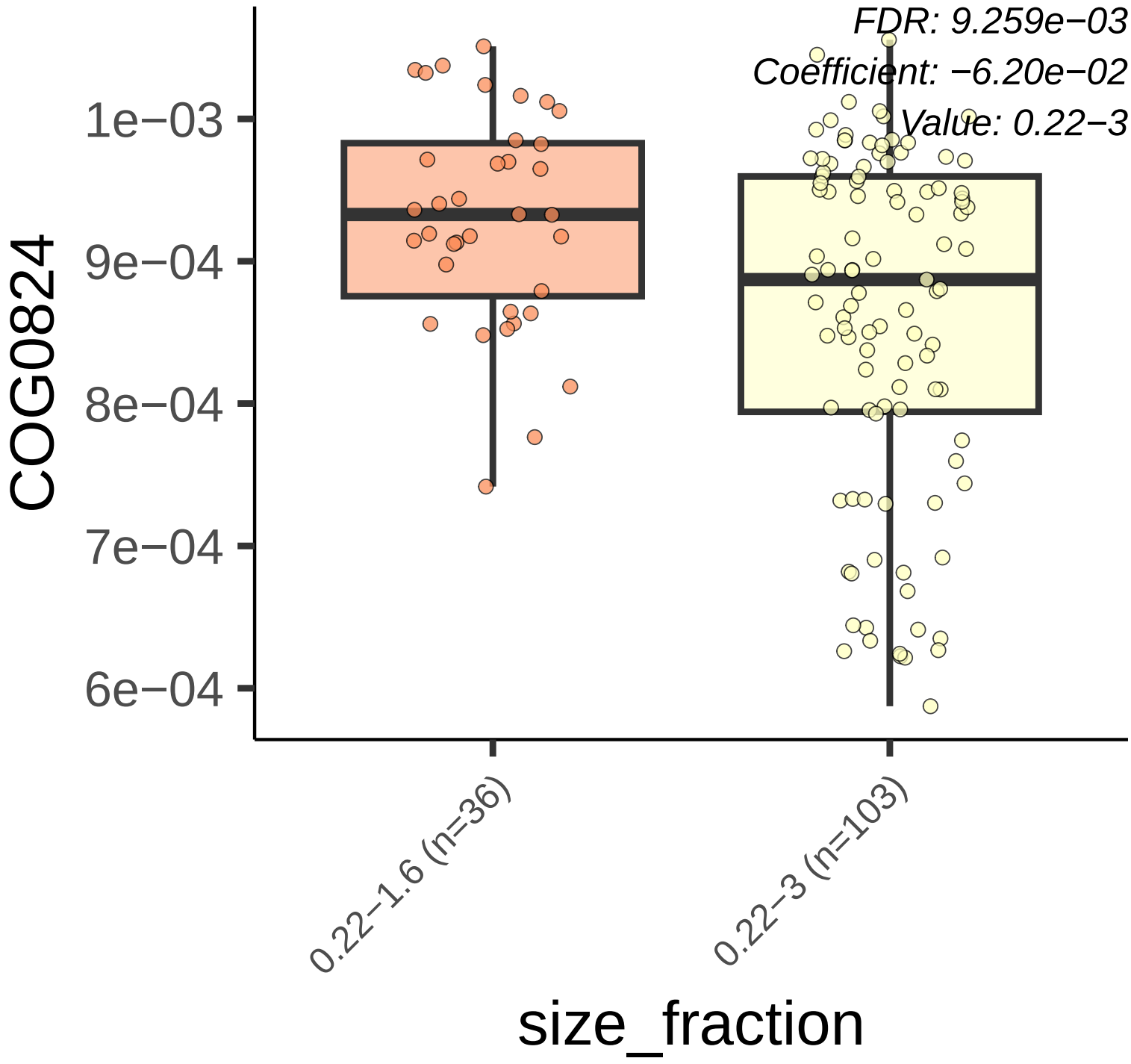
2e−06
1e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

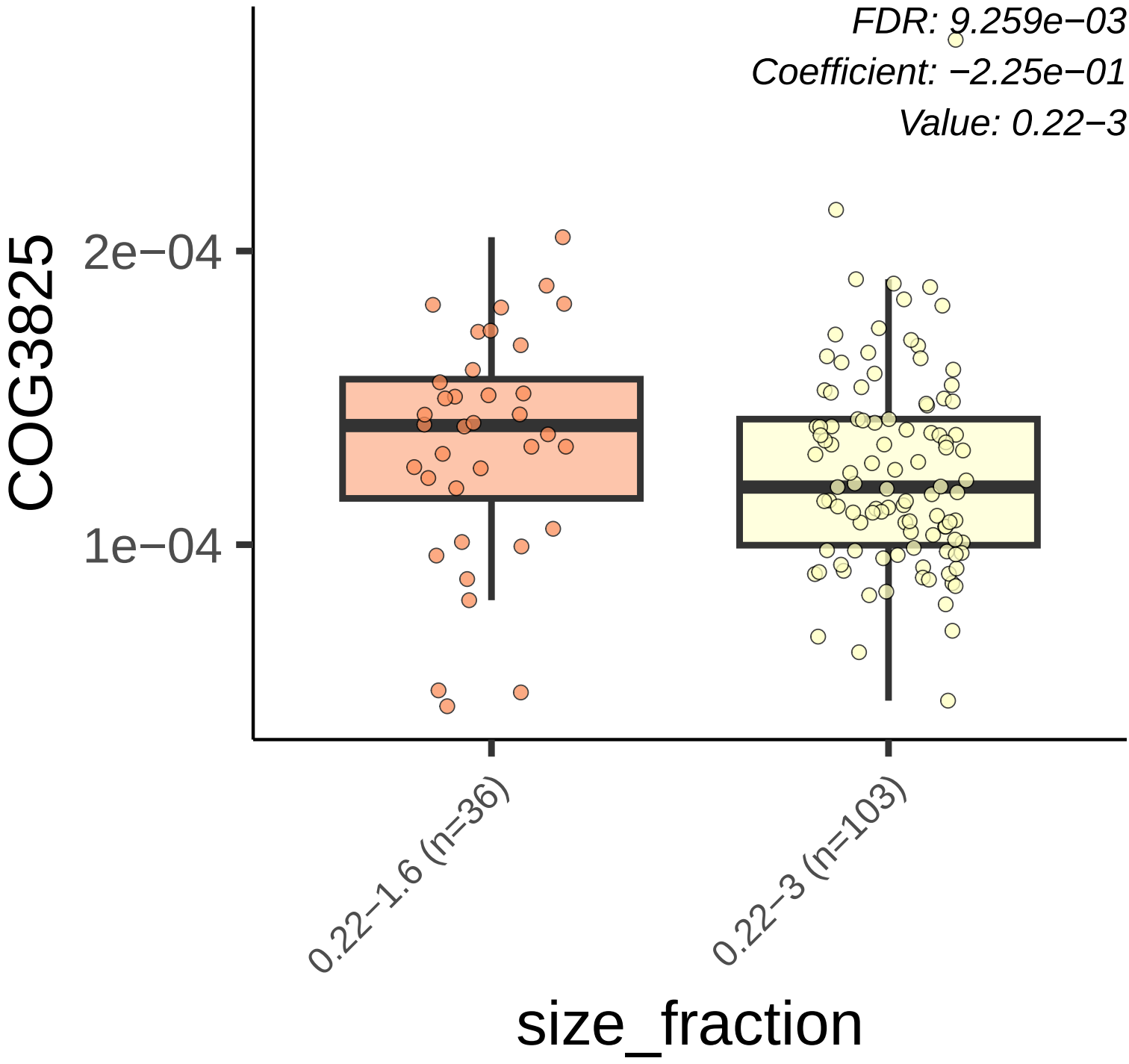

FDR: 9.233e−03
Coefficient: 1.01e+00
Value: 0.22−3
COG1405
6e−04
4e−04
2e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

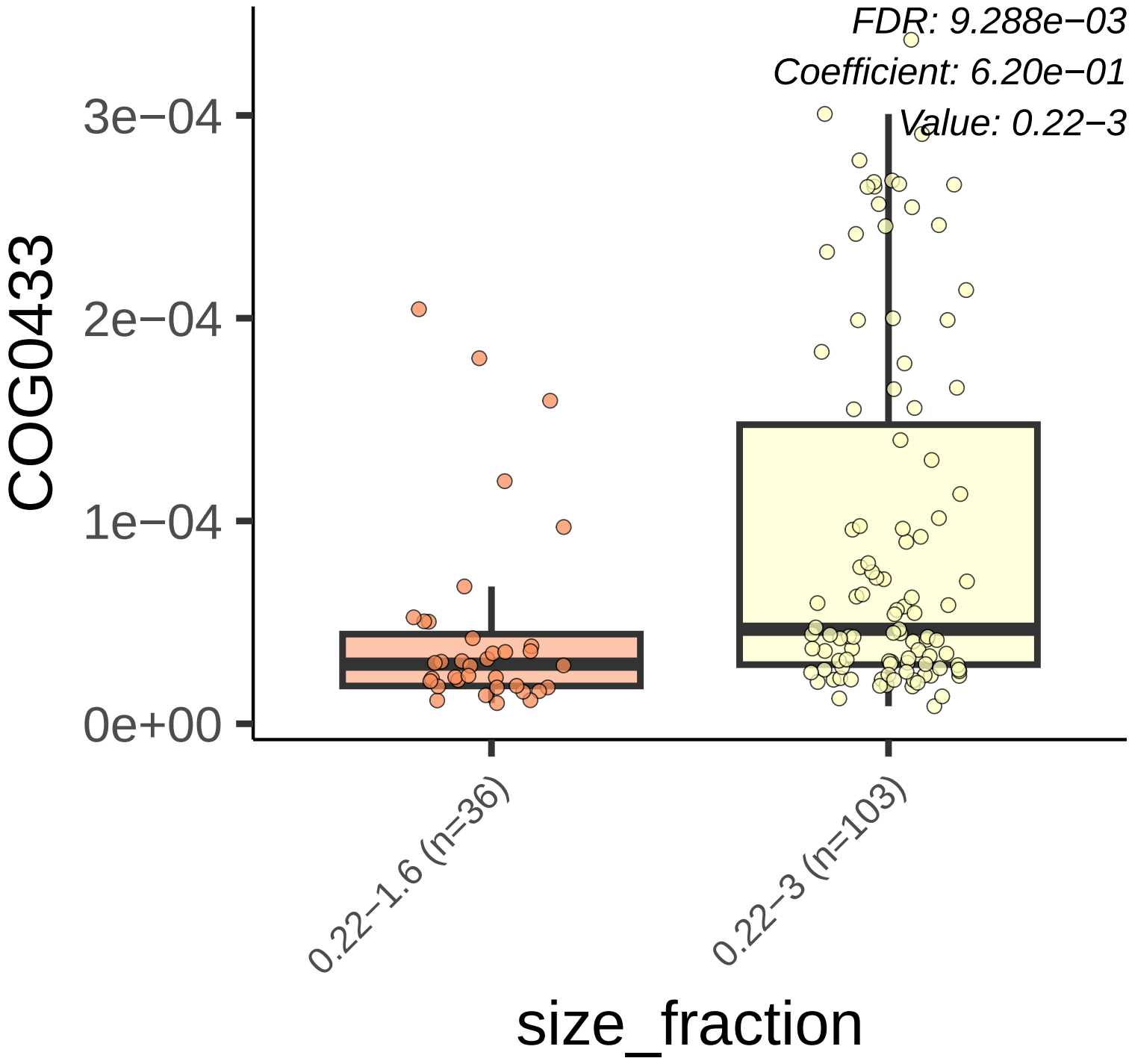

FDR: 9.255e−03
Coefficient: 9.44e−01
Value: 0.22−3
COG1095
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

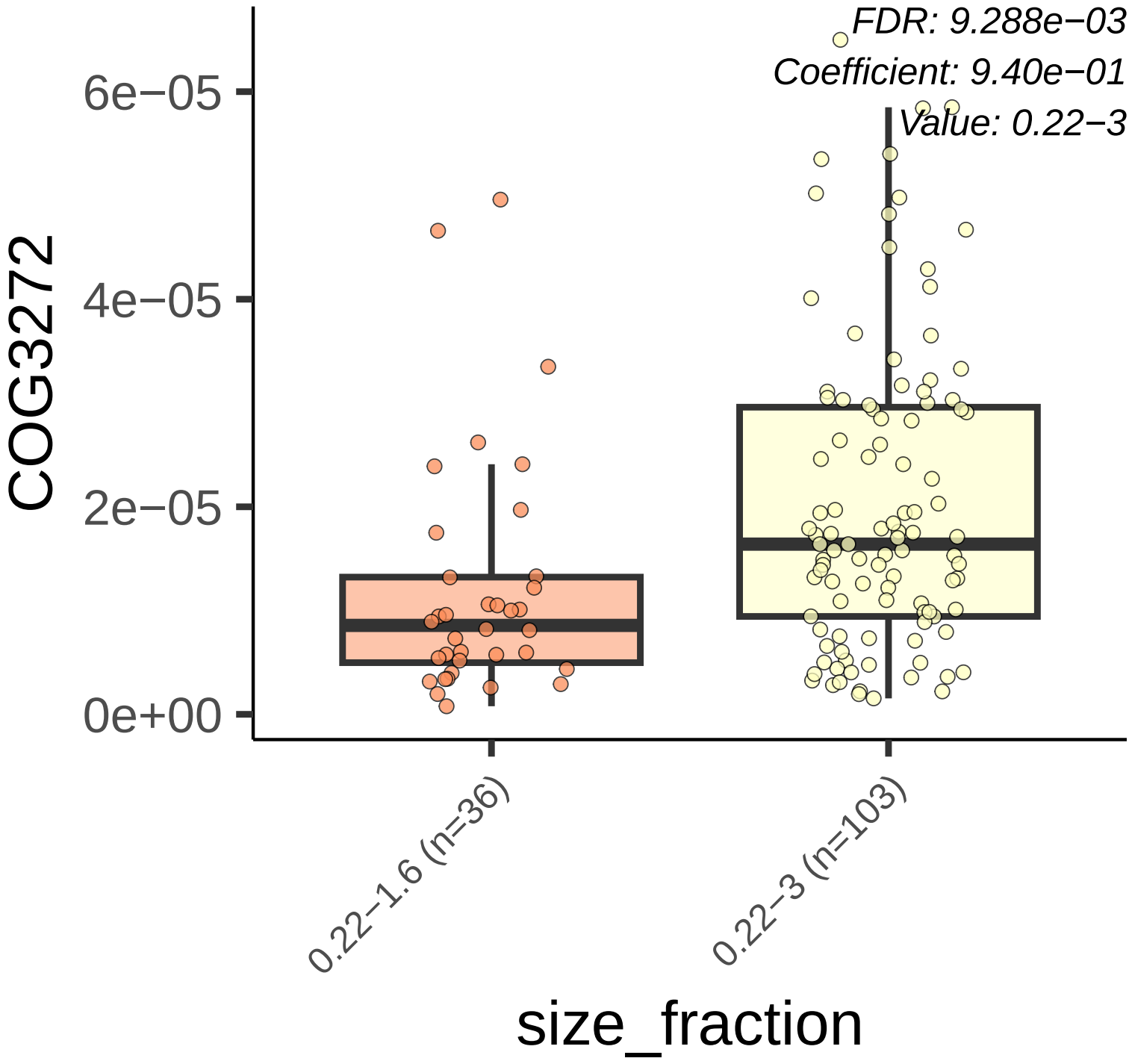

FDR: 9.256e−03
Coefficient: 9.87e−01
Value: 0.22−3
COG1527
0.00025
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

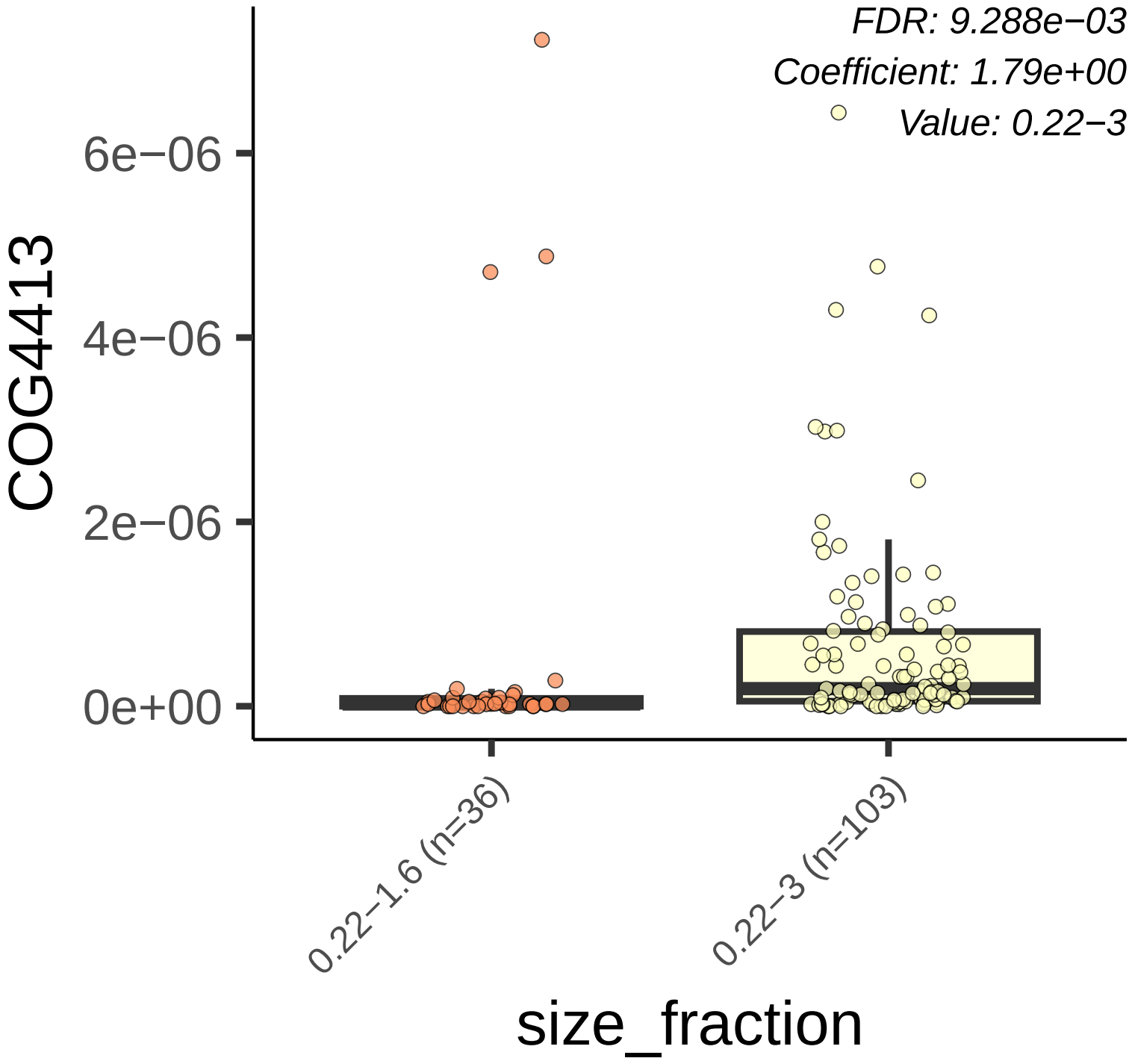

FDR: 9.256e−03
Coefficient: 8.62e−01
Value: 0.22−3
COG3389
8e−05
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

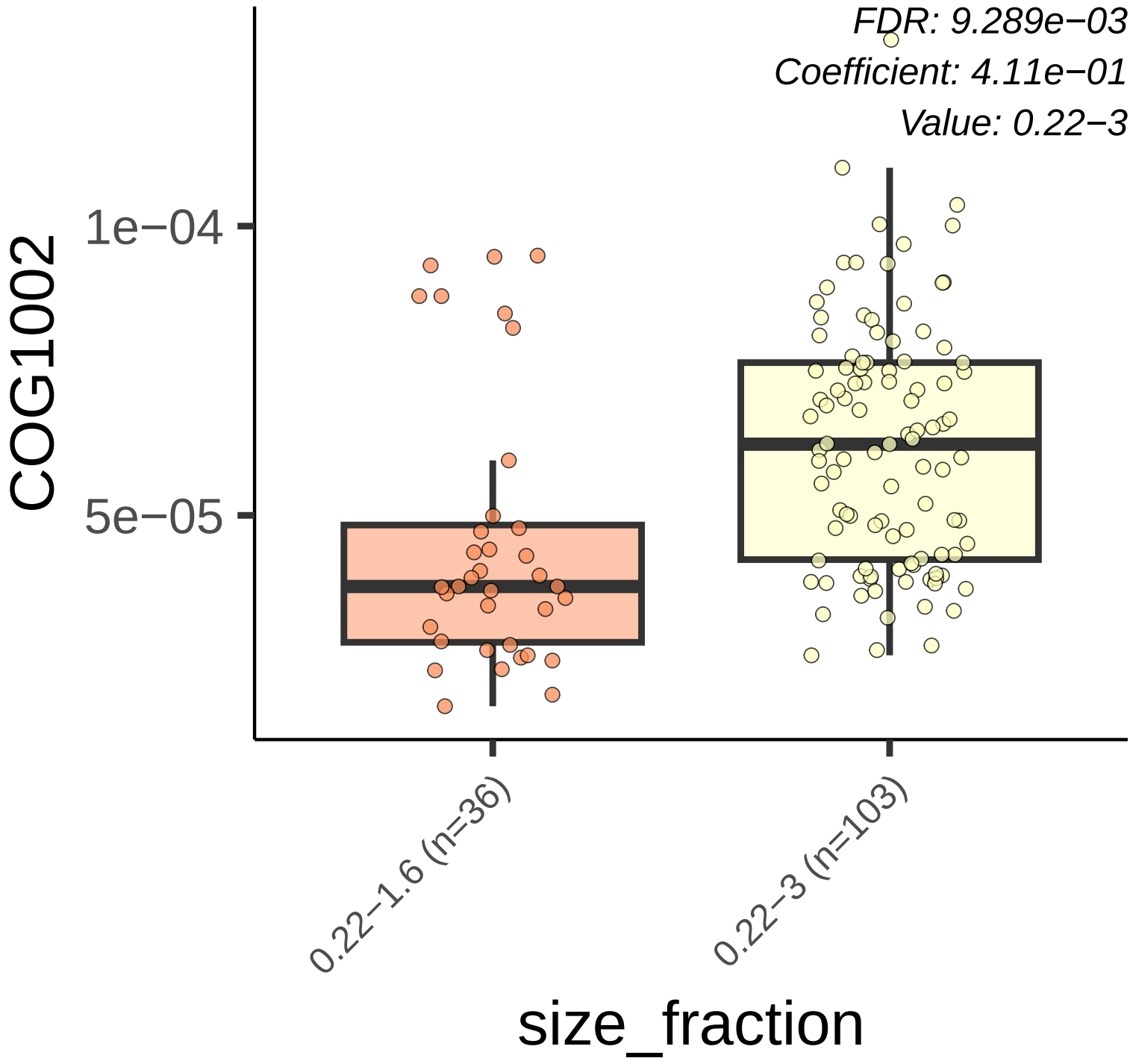

FDR: 9.259e−03
Coefficient: −6.20e−02
Value: 0.22−3
COG0824
1e−03
9e−04
8e−04
7e−04
6e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

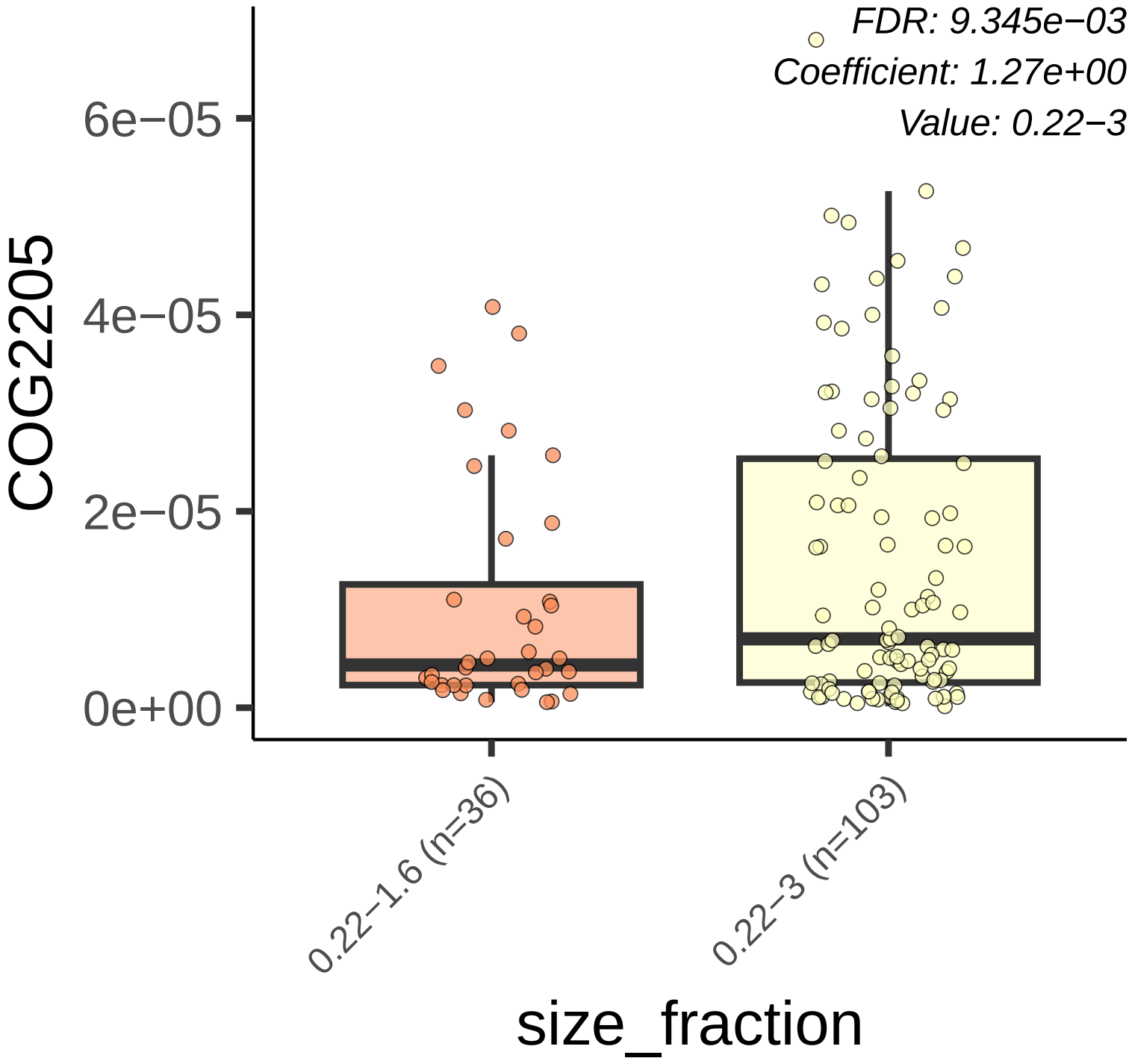

FDR: 9.259e−03
Coefficient: −2.25e−01
Value: 0.22−3
COG3825
2e−04
1e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

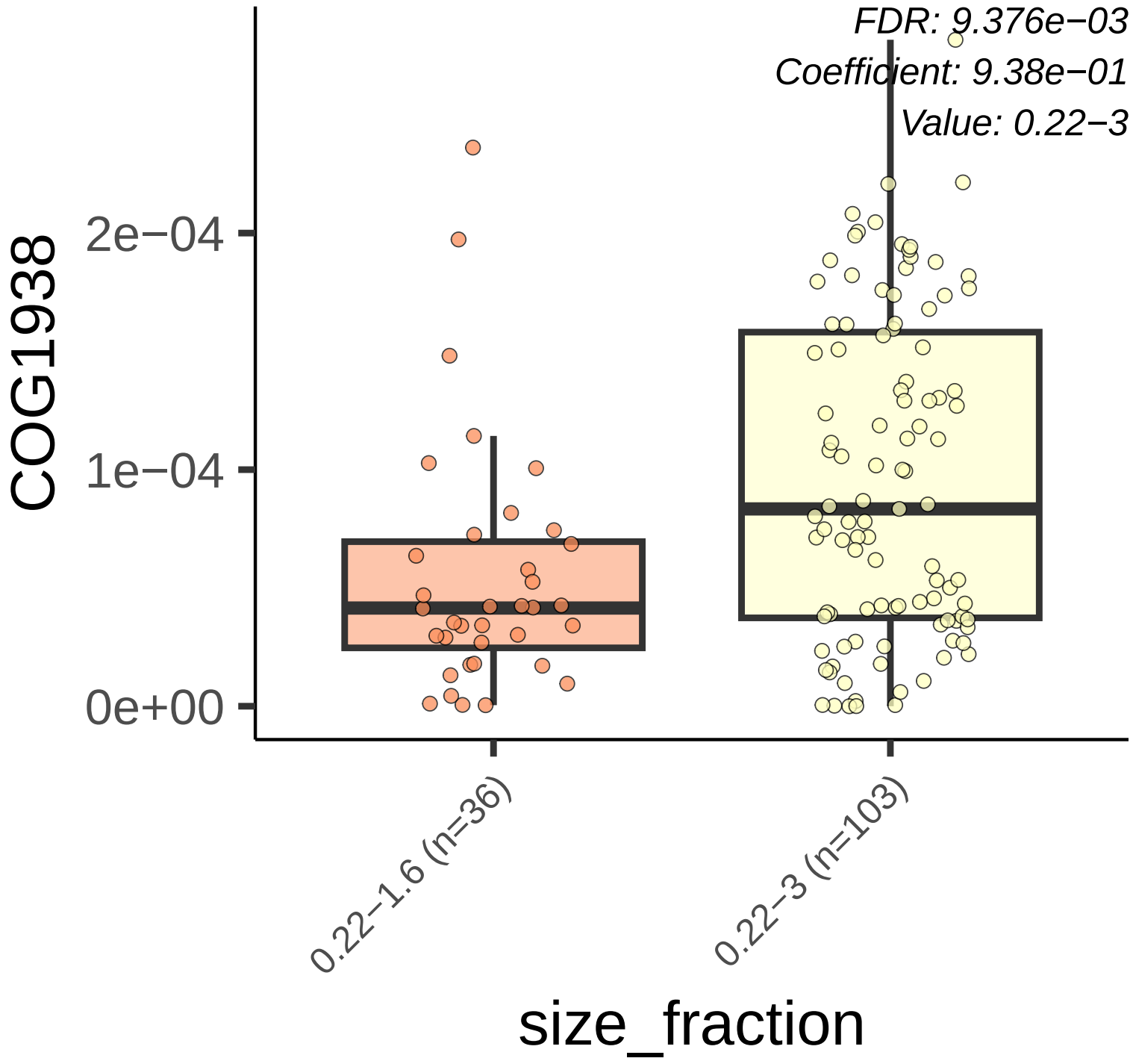

FDR: 9.288e−03
Coefficient: 6.20e−01
Value: 0.22−3
COG0433
3e−04
2e−04
1e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

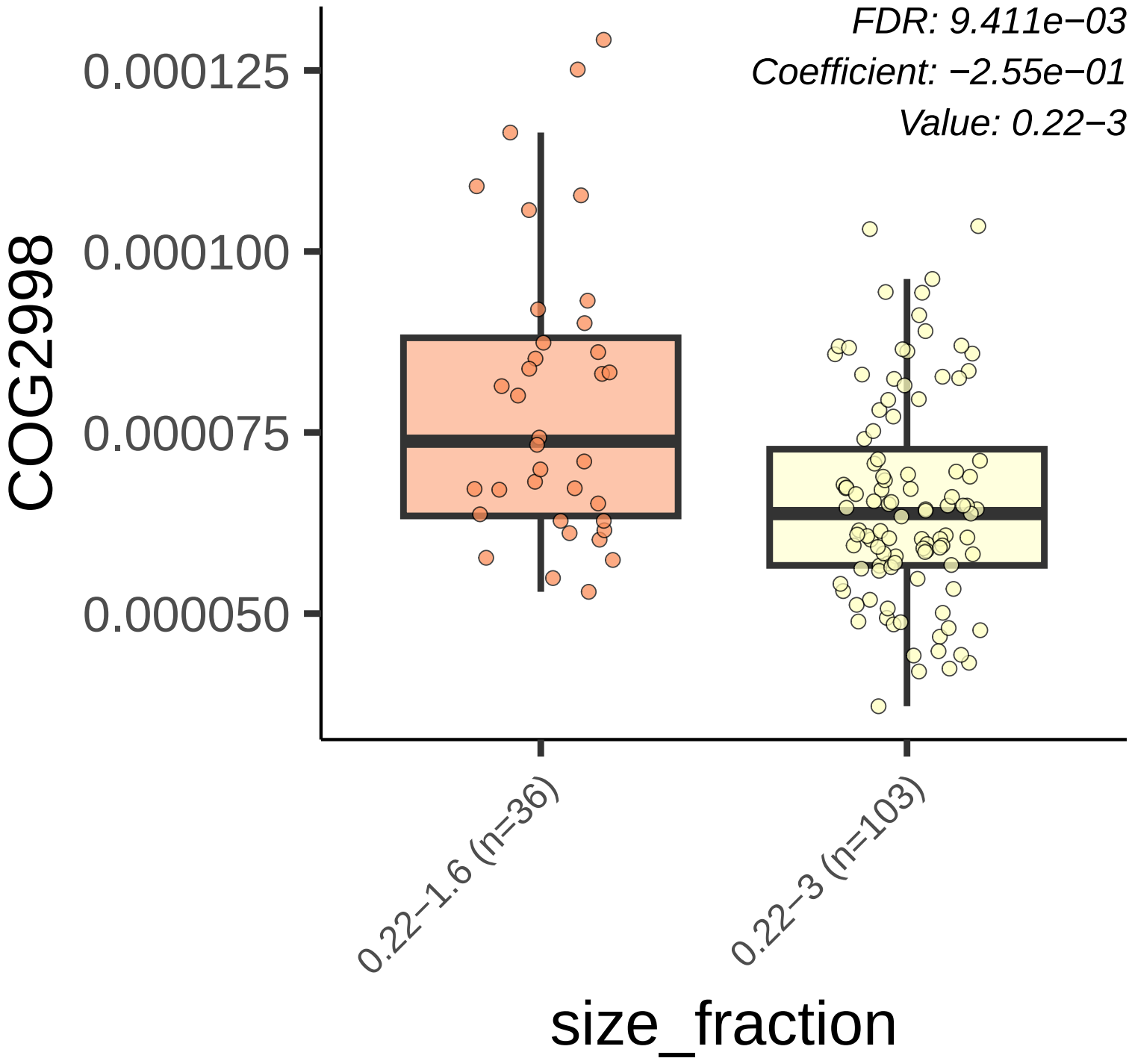

FDR: 9.288e−03
Coefficient: 9.40e−01
Value: 0.22−3
COG3272
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 9.288e−03
Coefficient: 1.79e+00
Value: 0.22−3
COG4413
6e−06
4e−06
2e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 9.289e−03
Coefficient: 4.11e−01
Value: 0.22−3
COG1002
1e−04
5e−05
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 9.345e−03
Coefficient: 1.27e+00
Value: 0.22−3
COG2205
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 9.376e−03
Coefficient: 9.38e−01
Value: 0.22−3
COG1938
2e−04
1e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 9.411e−03
Coefficient: −2.55e−01
Value: 0.22−3
COG2998
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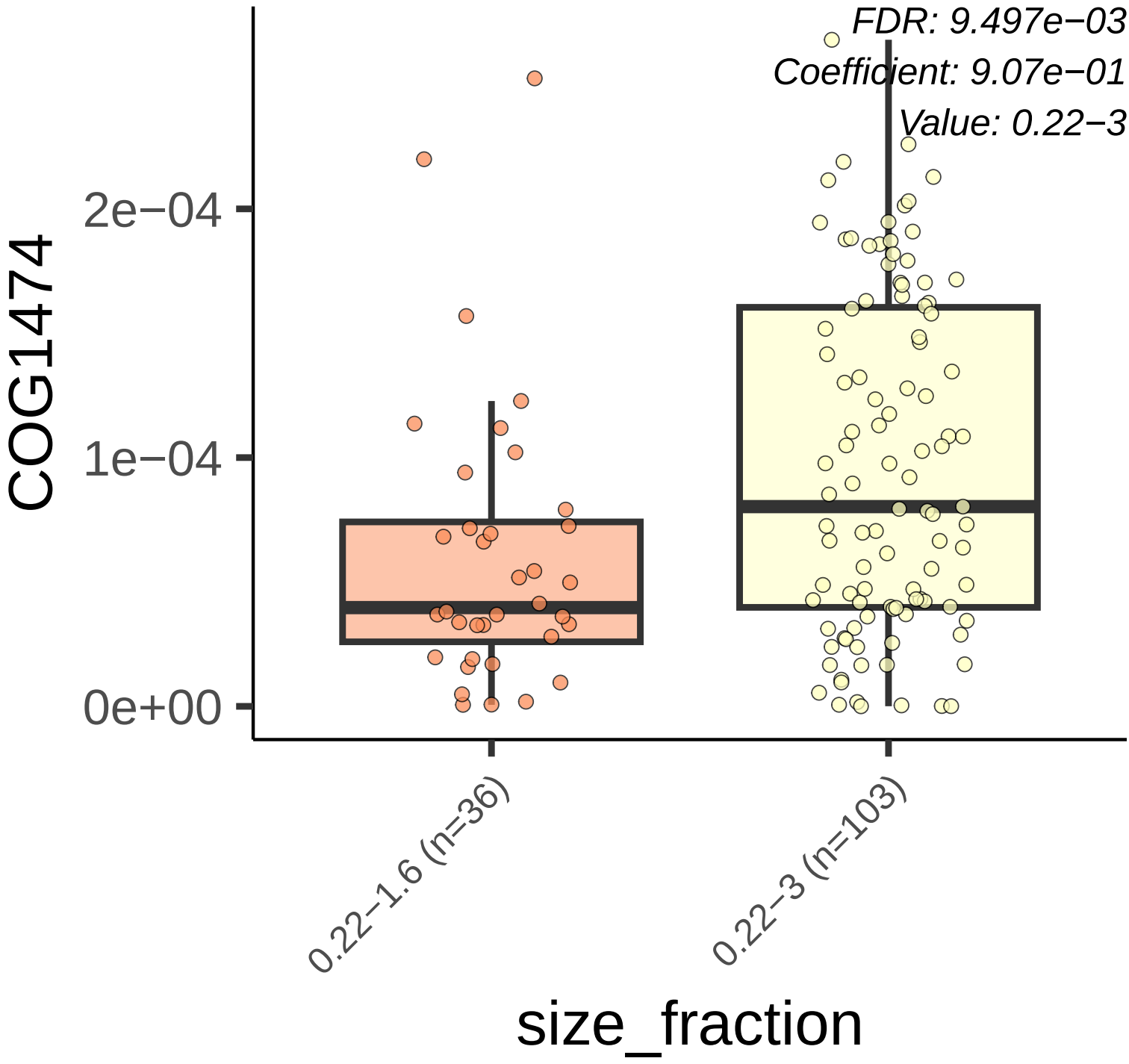
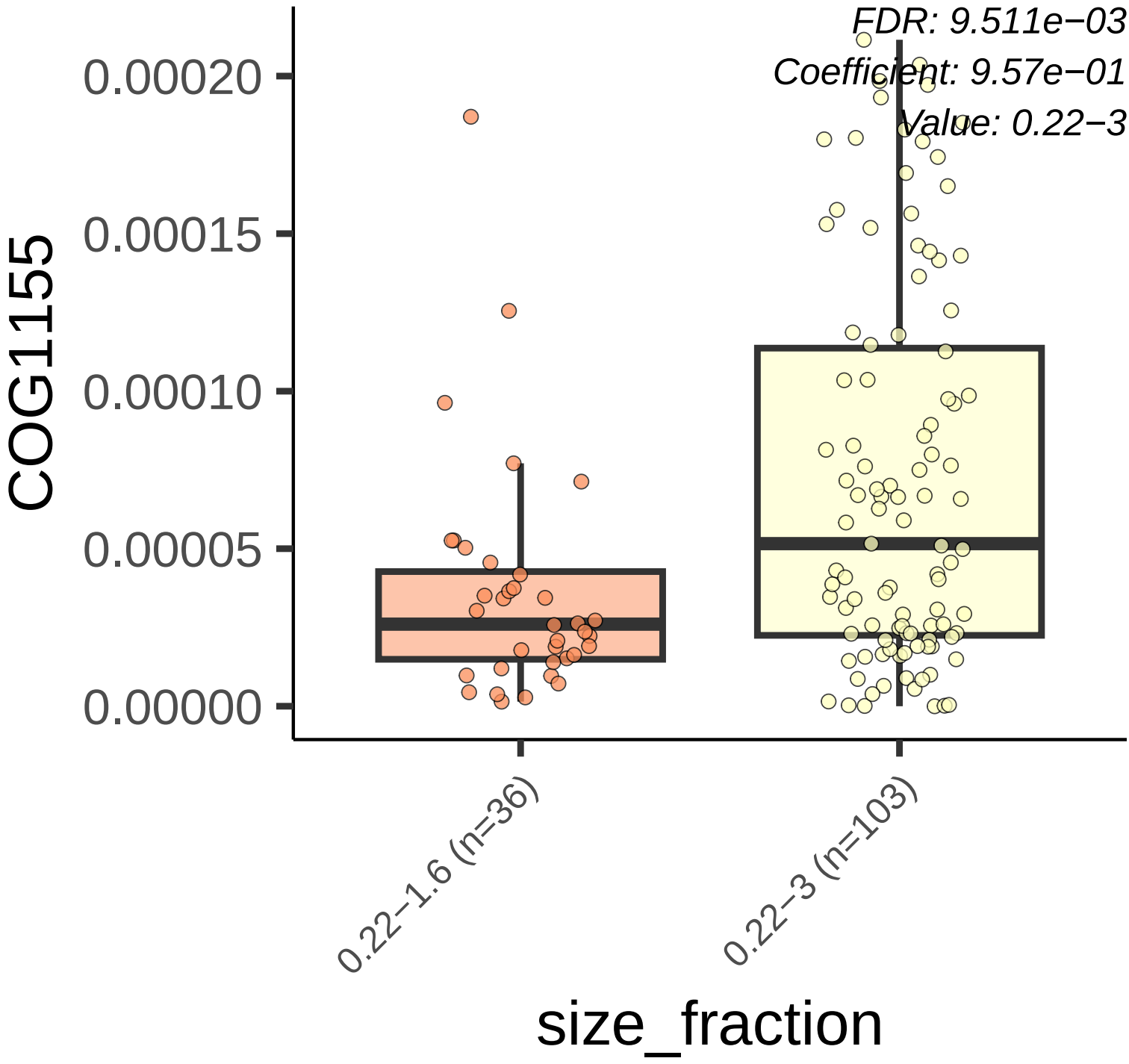
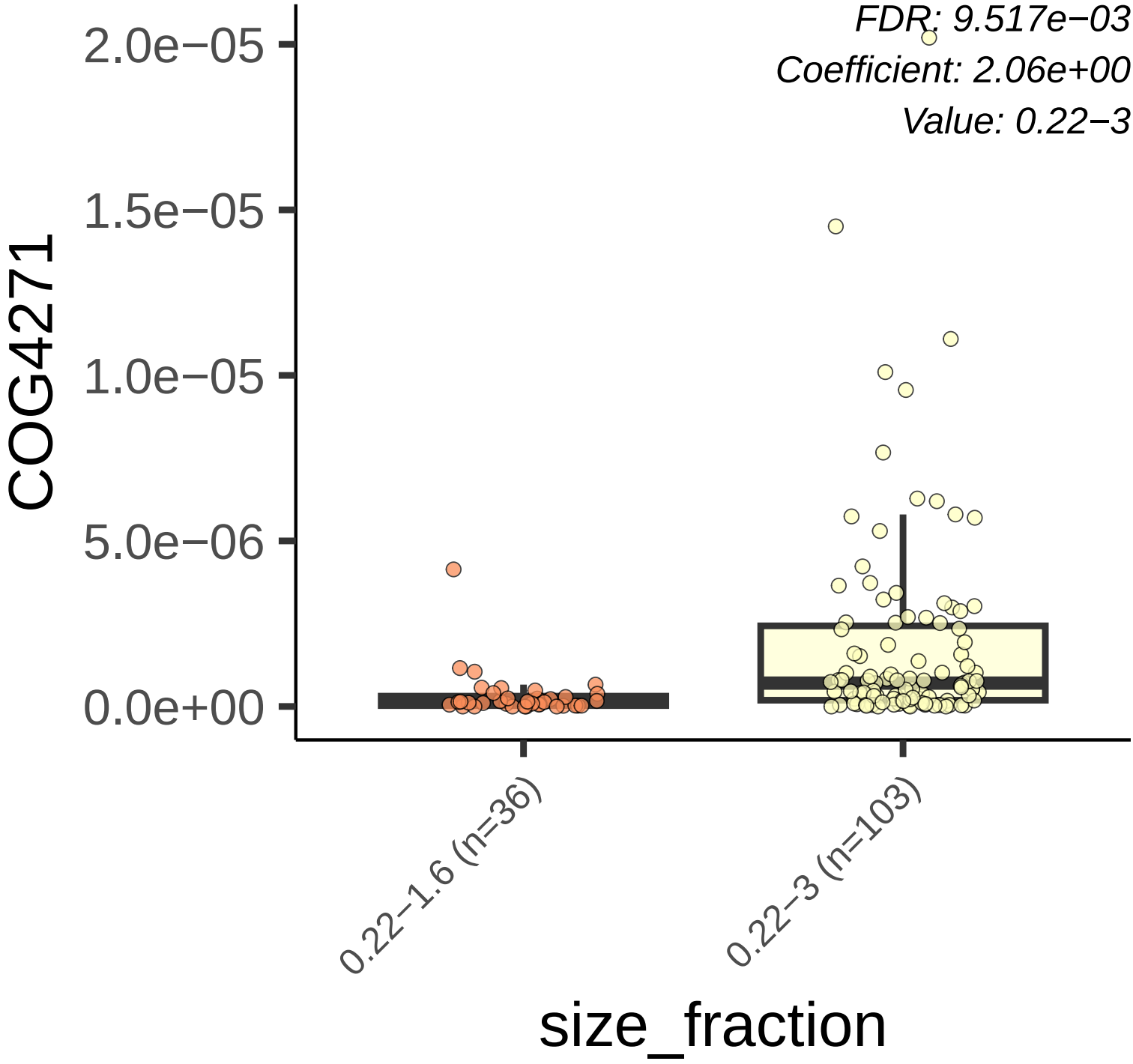
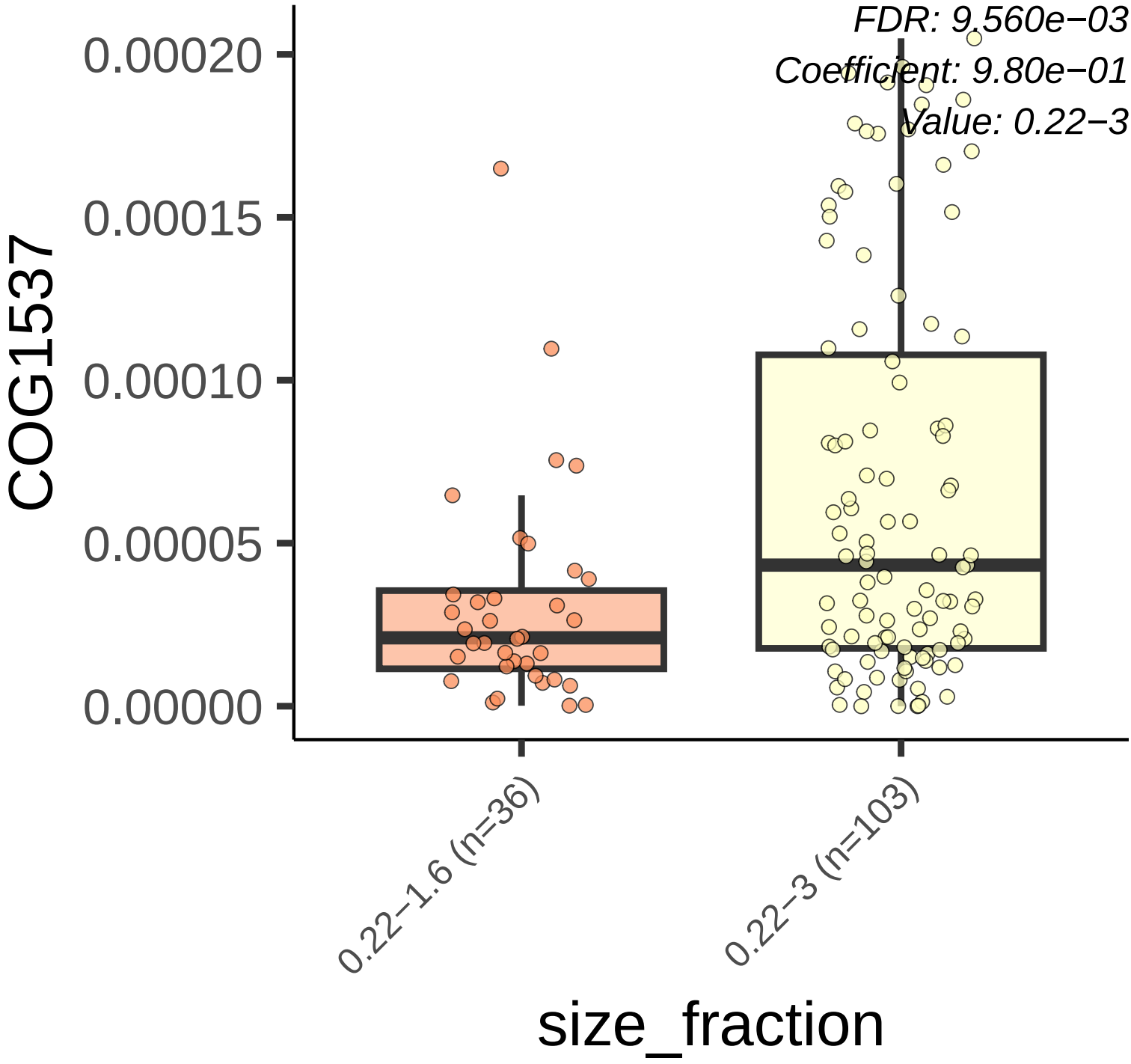
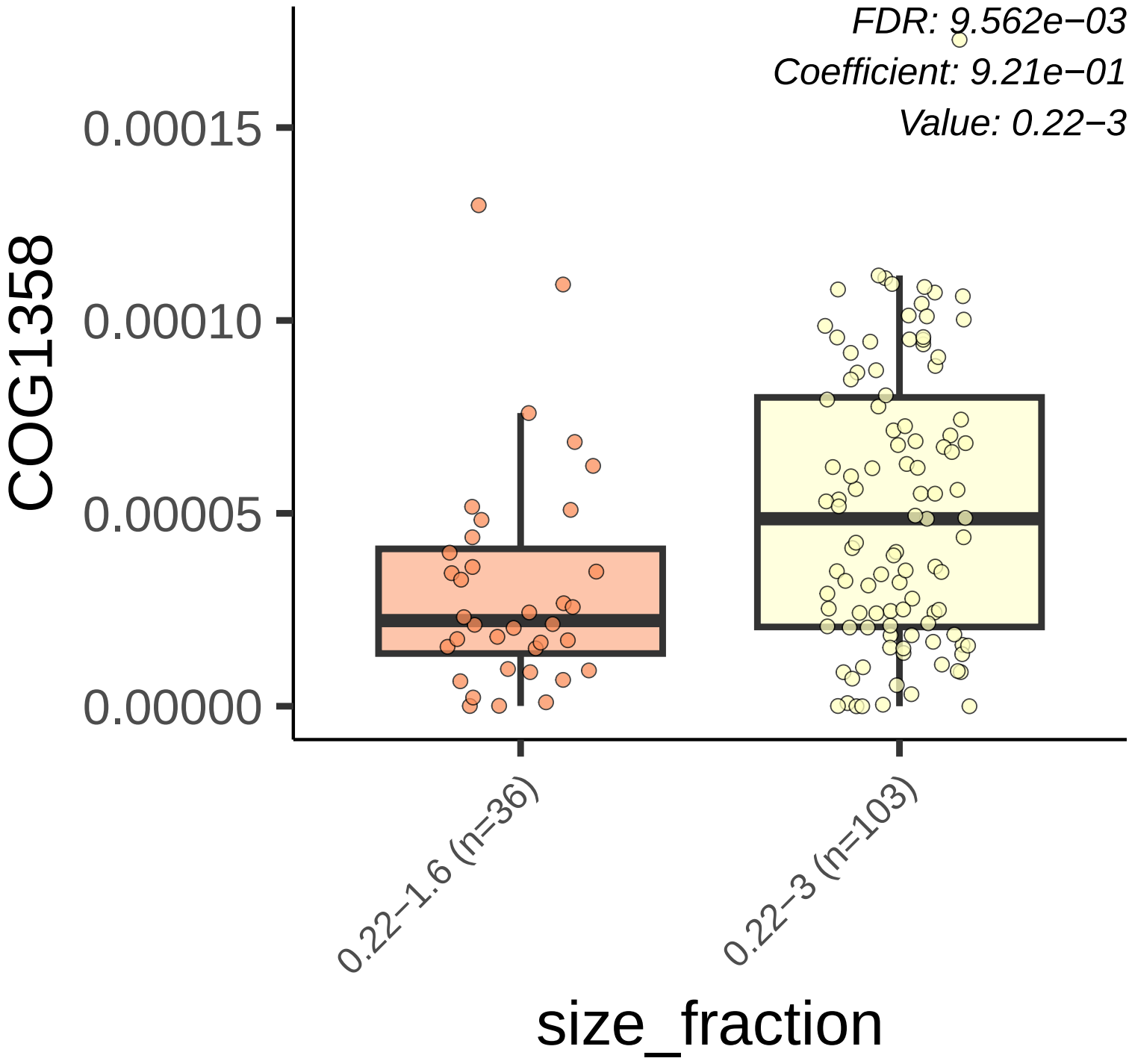
0.000100
0.000075
0.000050
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

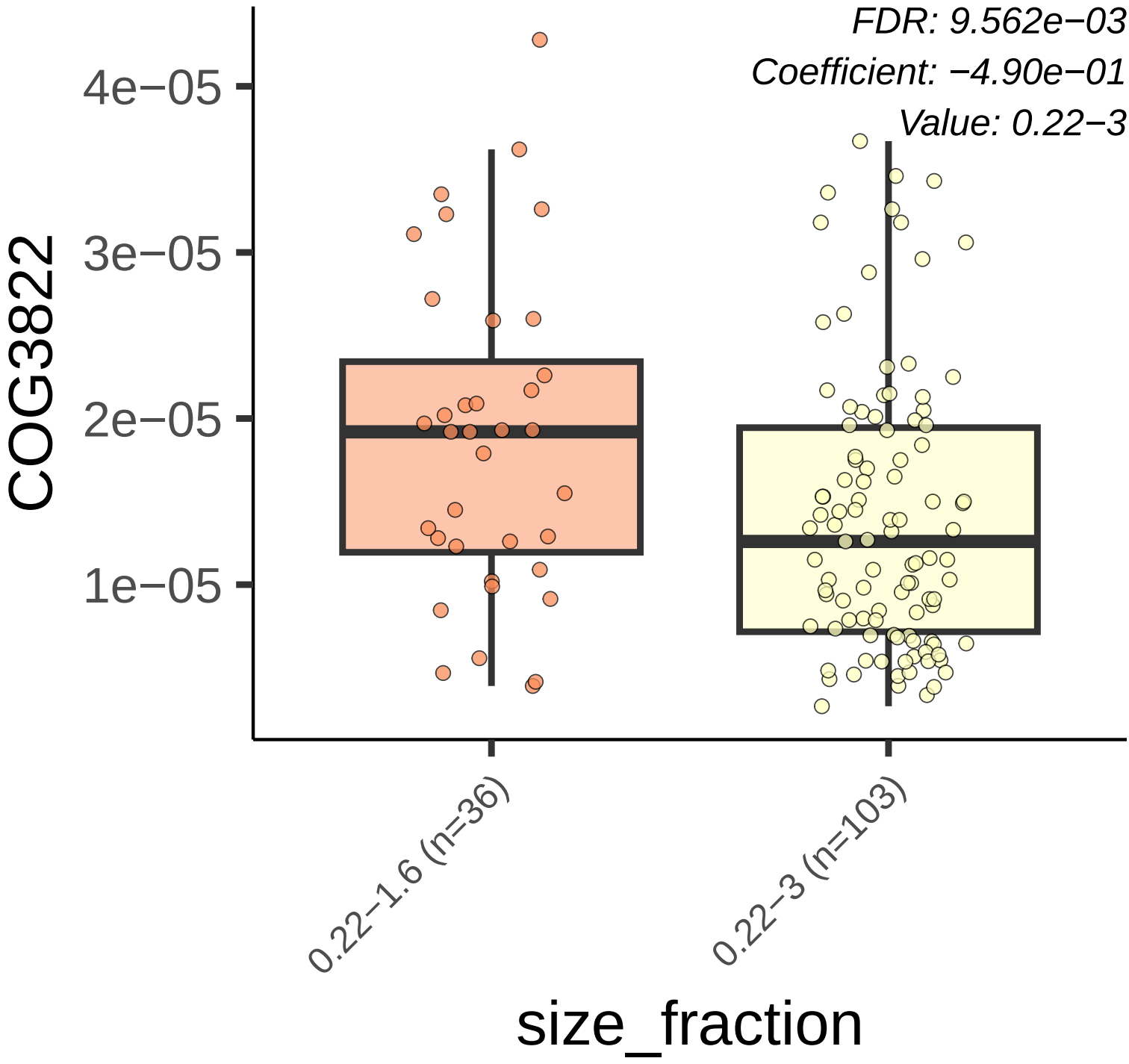

FDR: 9.497e−03
Coefficient: 9.07e−01
Value: 0.22−3
COG1474
2e−04
1e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

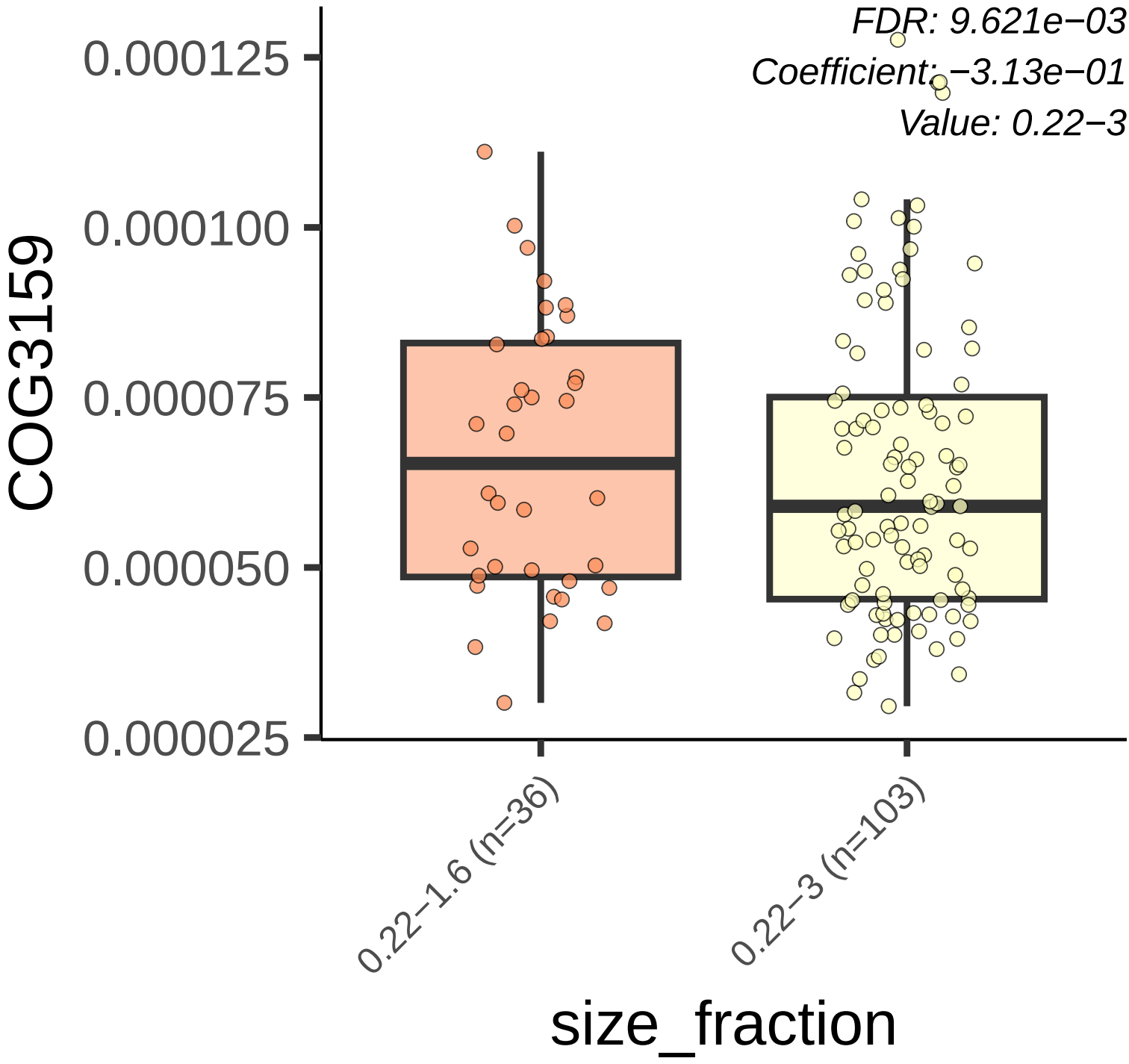

FDR: 9.511e−03
Coefficient: 9.57e−01
Value: 0.22−3
COG1155
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

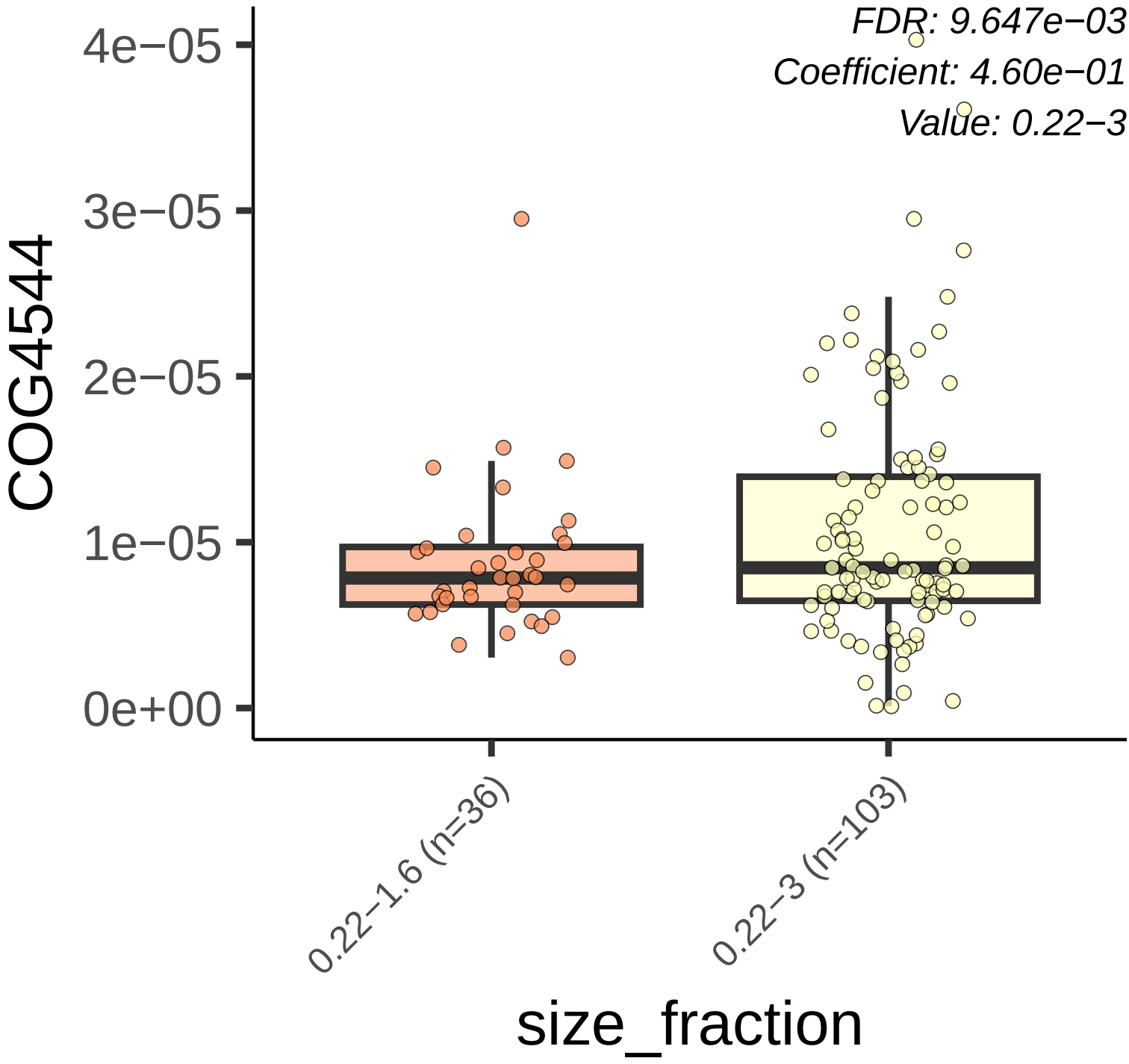

FDR: 9.517e−03
Coefficient: 2.06e+00
Value: 0.22−3
COG4271
2.0e−05
1.5e−05
1.0e−05
5.0e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

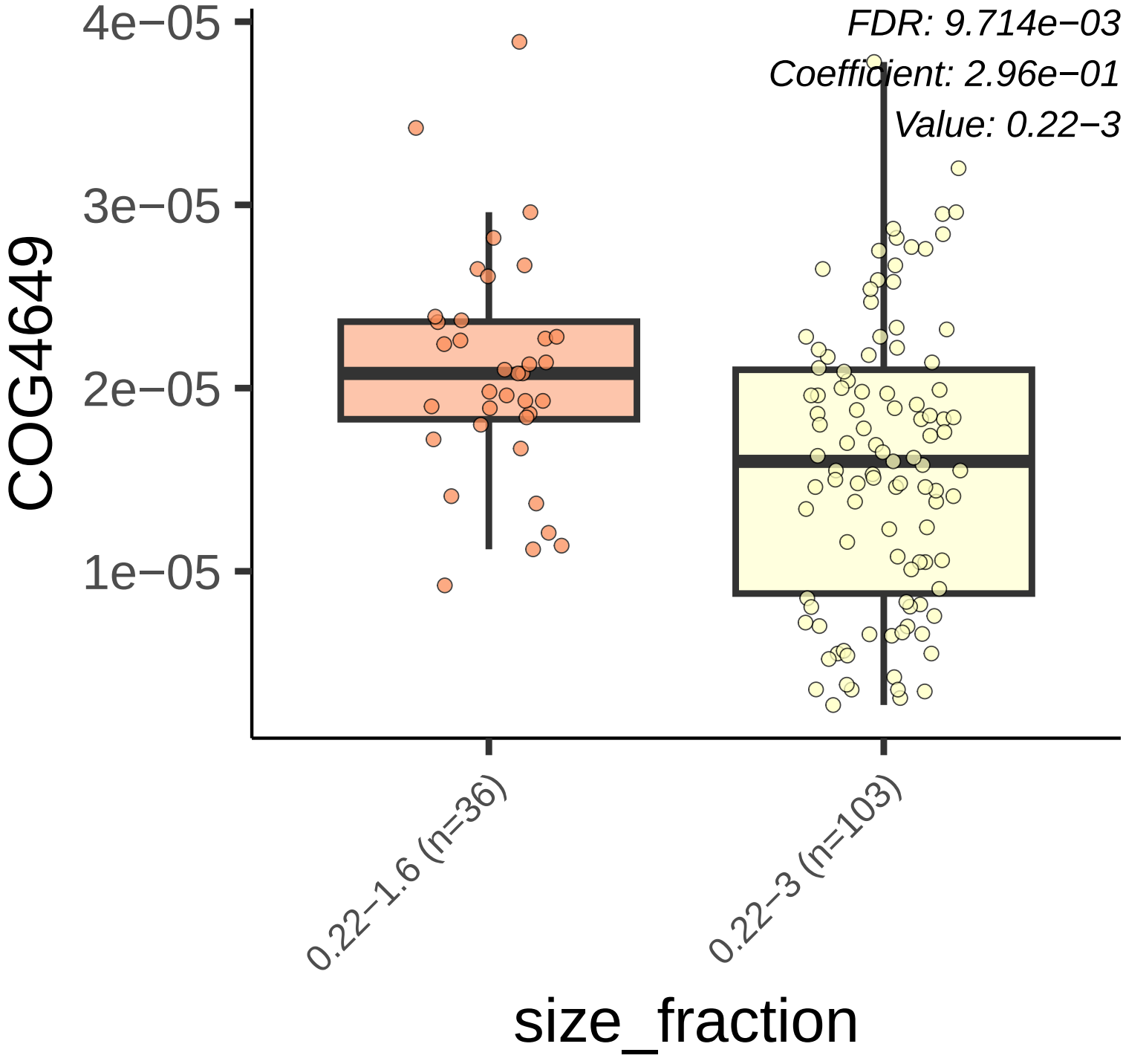

FDR: 9.560e−03
Coefficient: 9.80e−01
Value: 0.22−3
COG1537
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

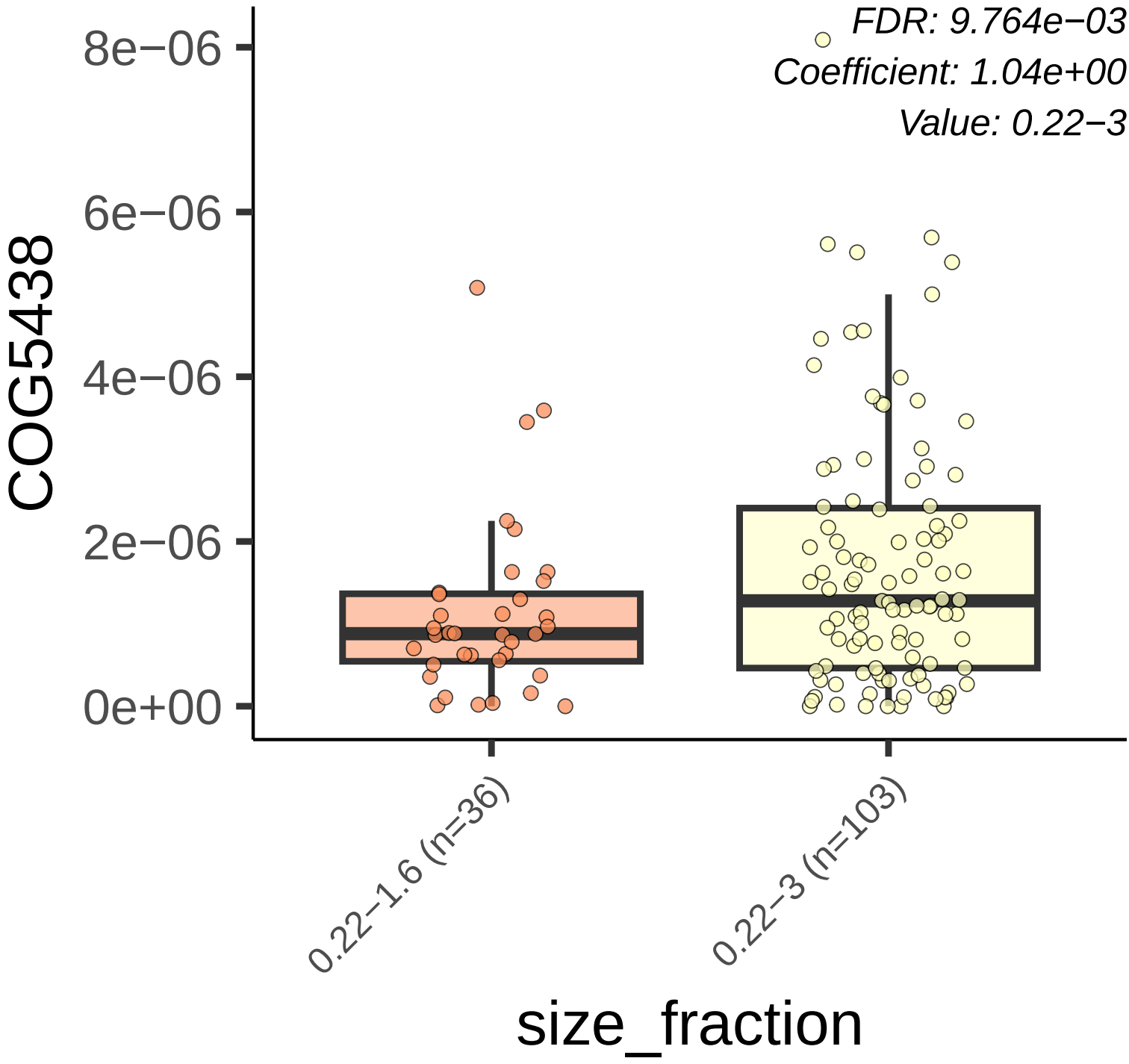

FDR: 9.562e−03
Coefficient: 9.21e−01
Value: 0.22−3
COG1358
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

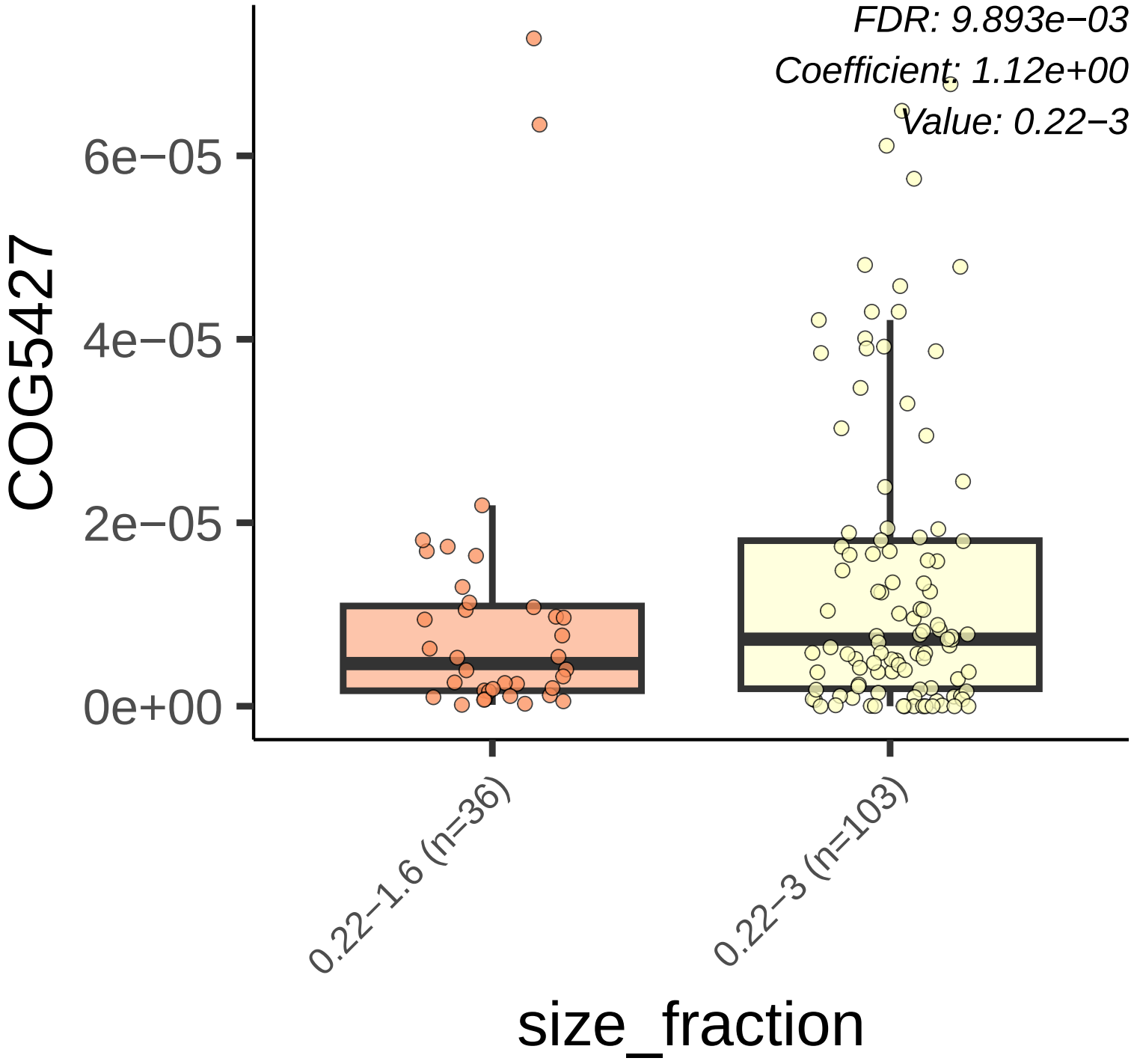

FDR: 9.562e−03
Coefficient: −4.90e−01
Value: 0.22−3
COG3822
4e−05
3e−05
2e−05
1e−05
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

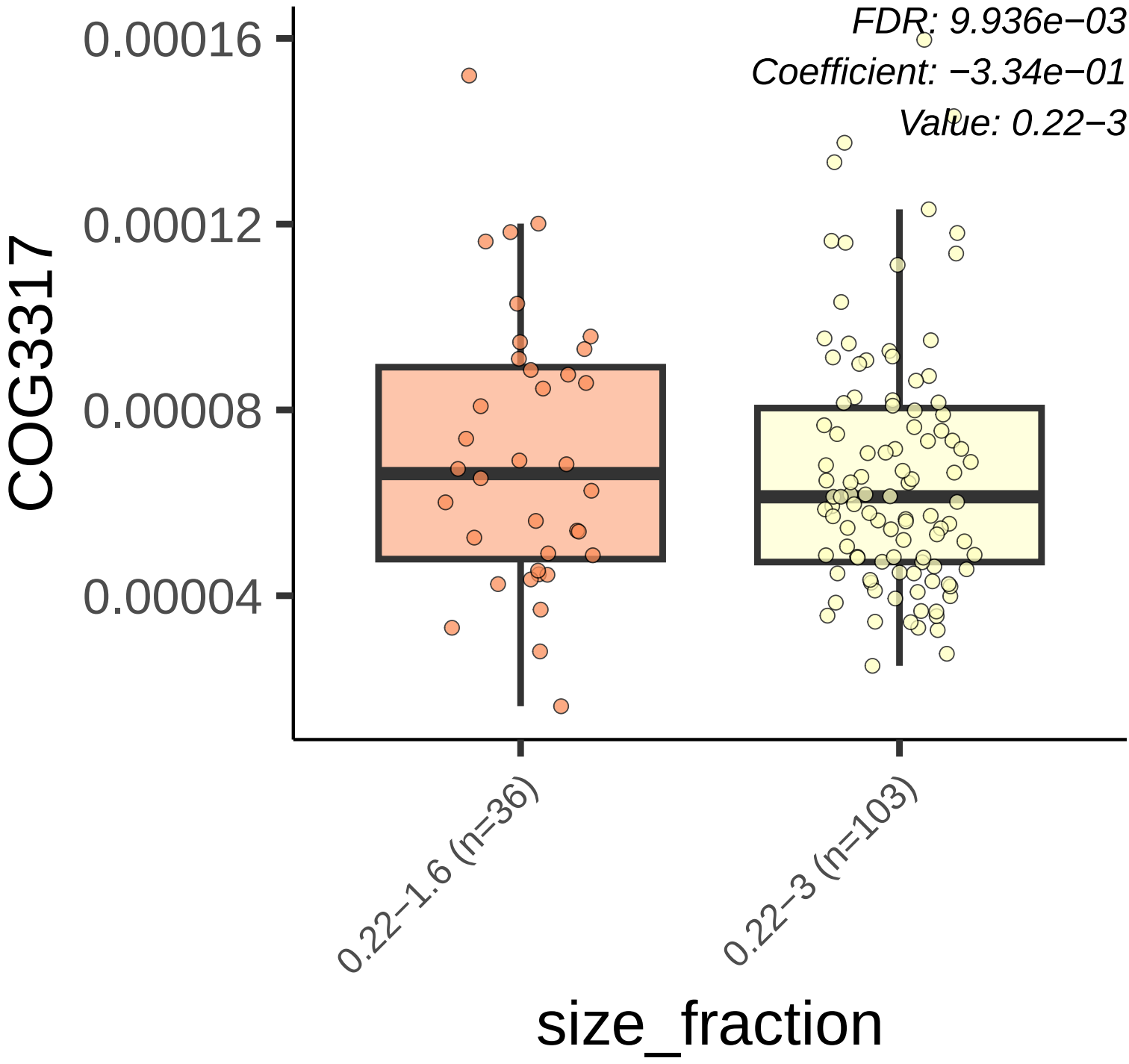

FDR: 9.621e−03
Coefficient: −3.13e−01
Value: 0.22−3
COG3159
0.000125
0.000100
0.000075
0.000050
0.000025
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 9.647e−03
Coefficient: 4.60e−01
Value: 0.22−3
COG4544
4e−05
3e−05
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 9.714e−03
Coefficient: 2.96e−01
Value: 0.22−3
COG4649
4e−05
3e−05
2e−05
1e−05
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 9.764e−03
Coefficient: 1.04e+00
Value: 0.22−3
COG5438
8e−06
6e−06
4e−06
2e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 9.893e−03
Coefficient: 1.12e+00
Value: 0.22−3
COG5427
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 9.936e−03
Coefficient: −3.34e−01
Value: 0.22−3
COG3317
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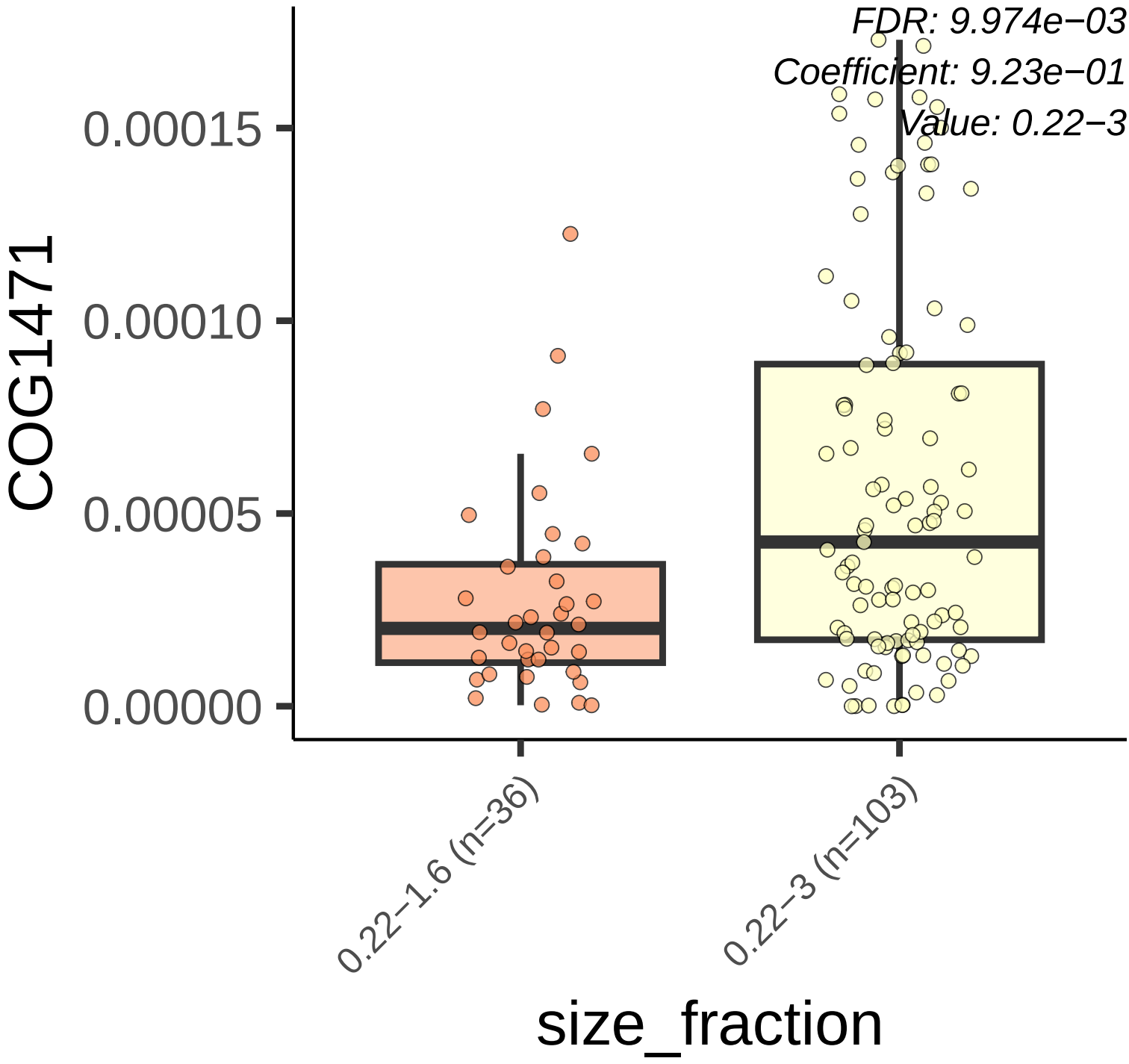
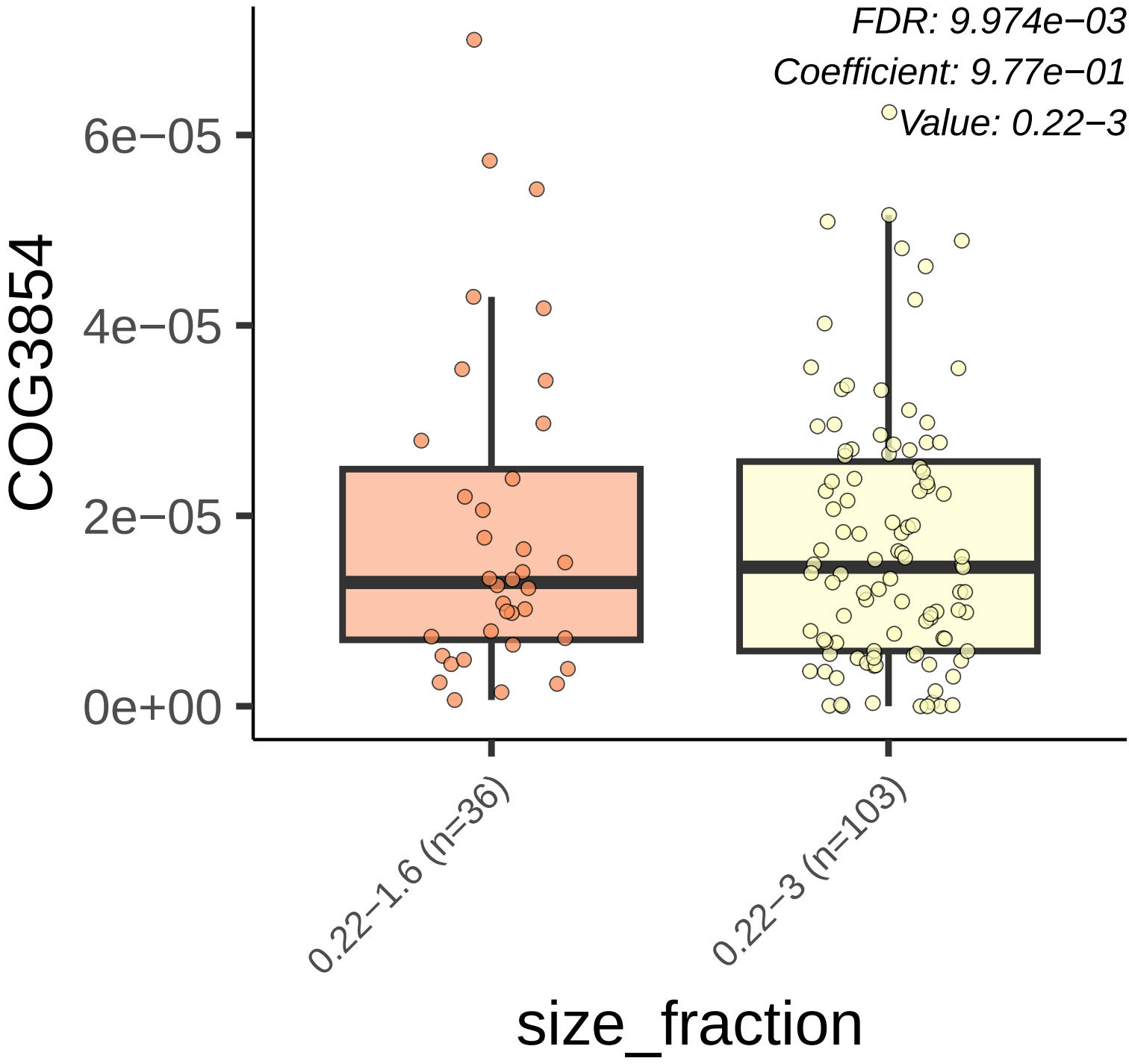
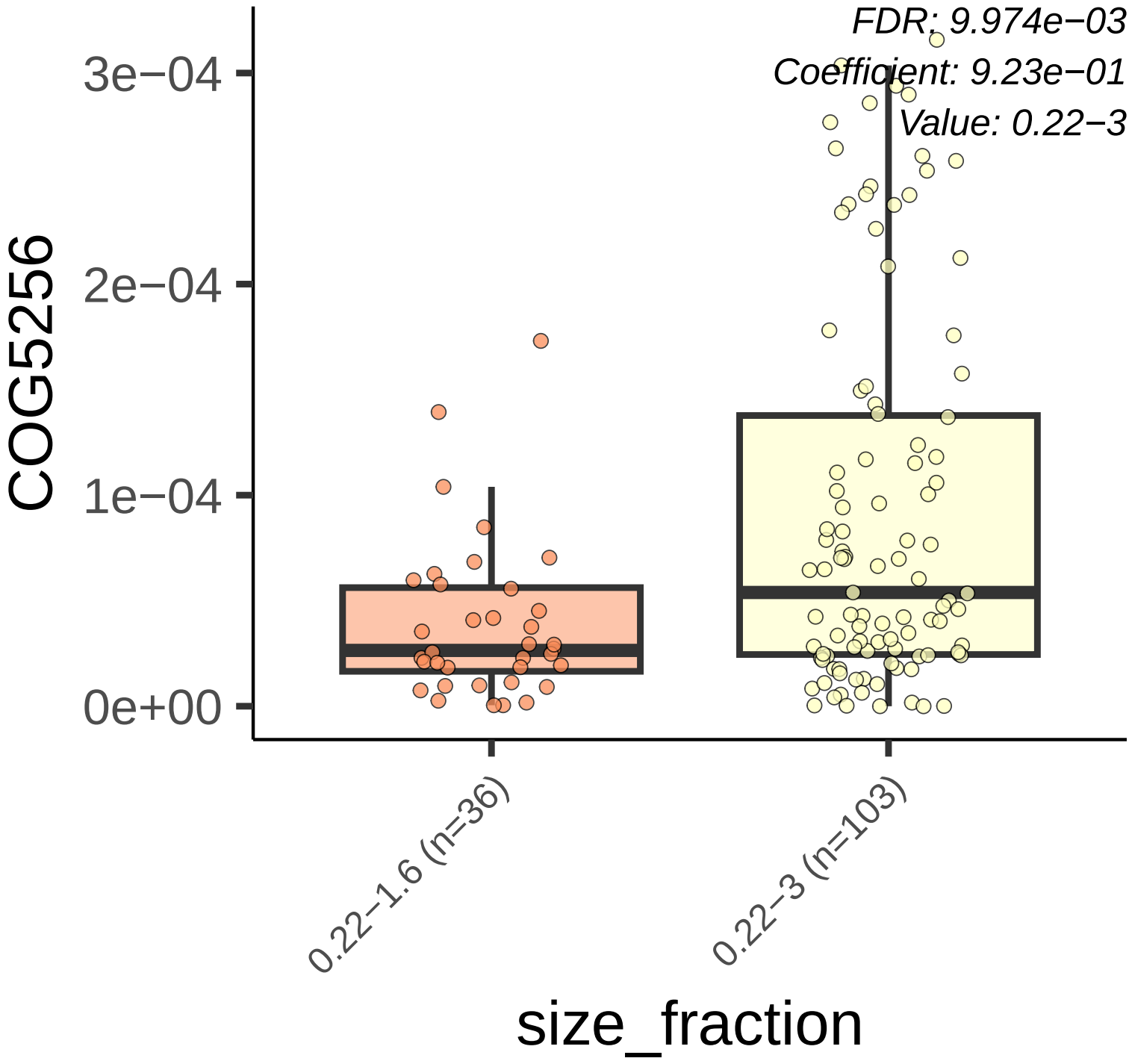
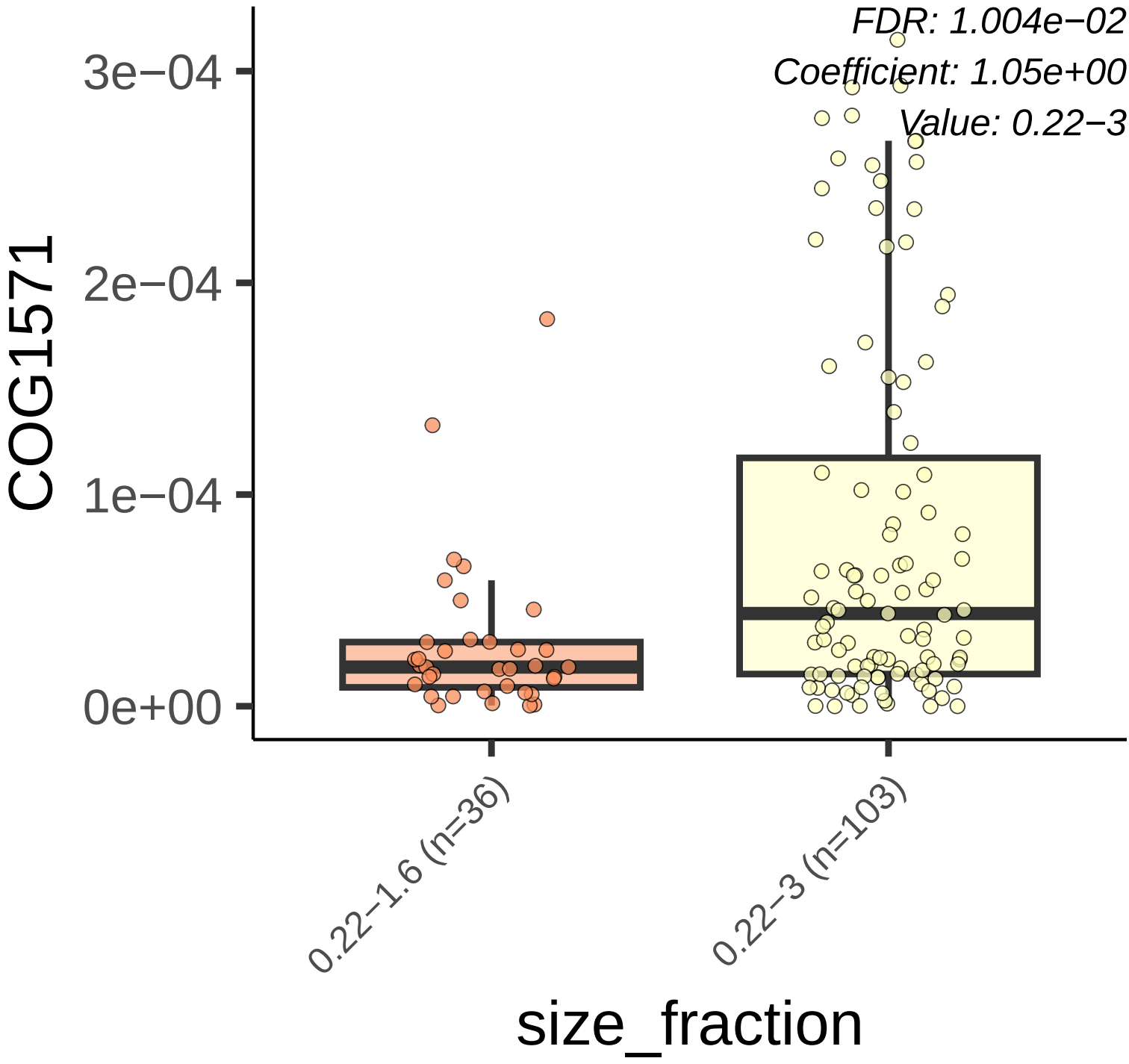
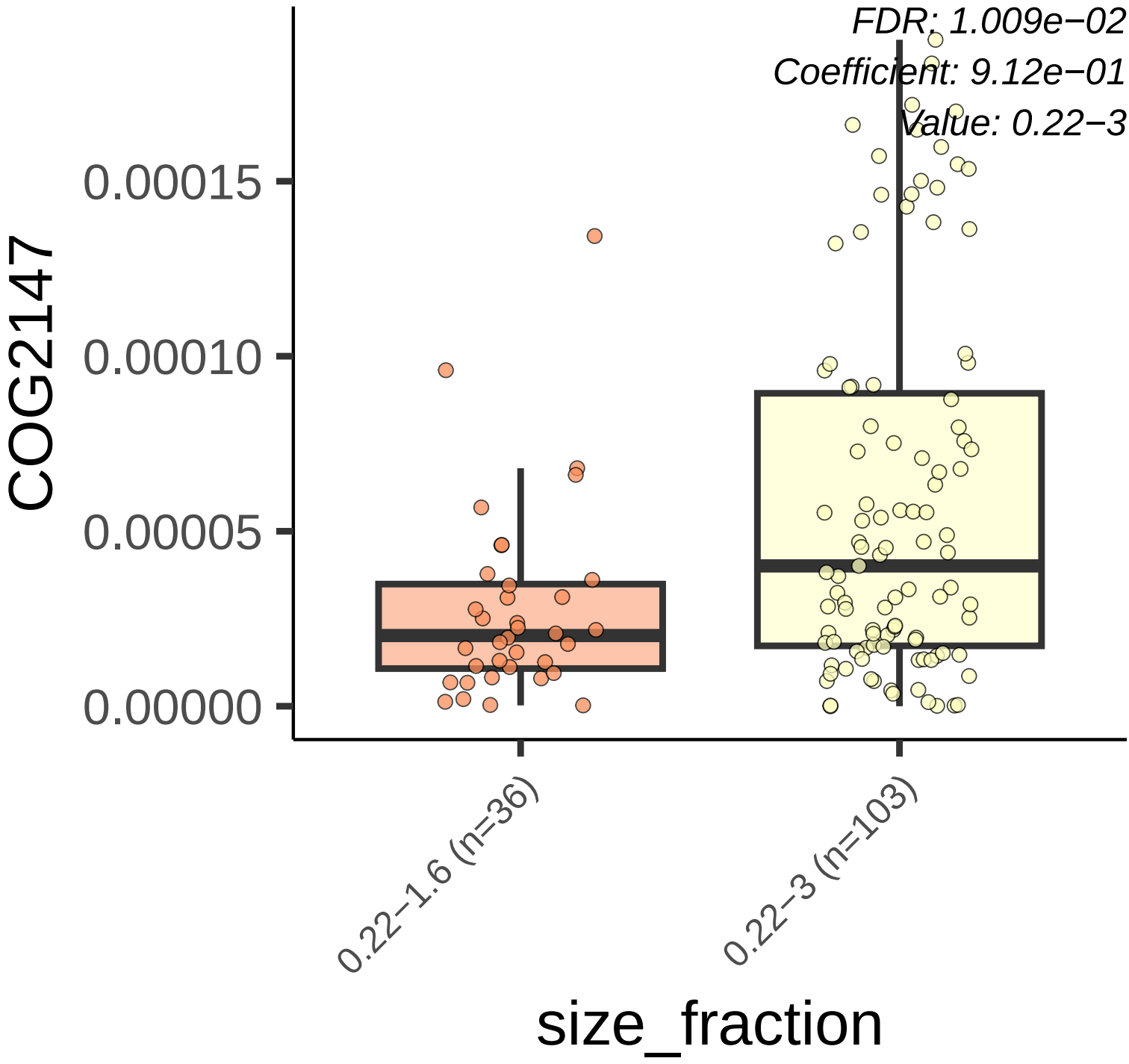
0.00012
0.00008
0.00004
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 9.974e−03
Coefficient: 9.23e−01
Value: 0.22−3
COG1471
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 9.974e−03
Coefficient: 9.77e−01
Value: 0.22−3
COG3854
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 9.974e−03
Coefficient: 9.23e−01
Value: 0.22−3
COG5256
3e−04
2e−04
1e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 1.004e−02
Coefficient: 1.05e+00
Value: 0.22−3
COG1571
3e−04
2e−04
1e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction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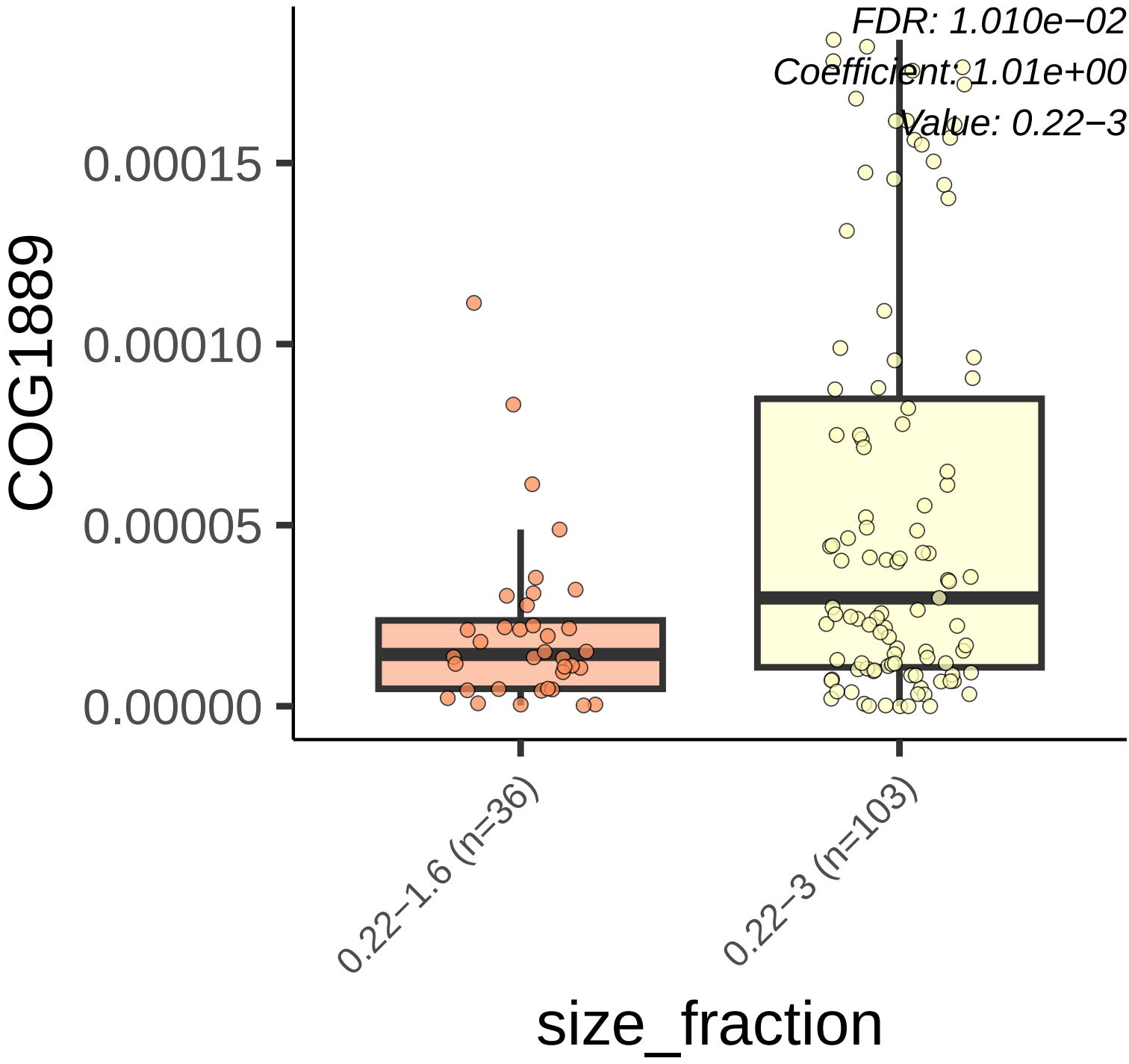
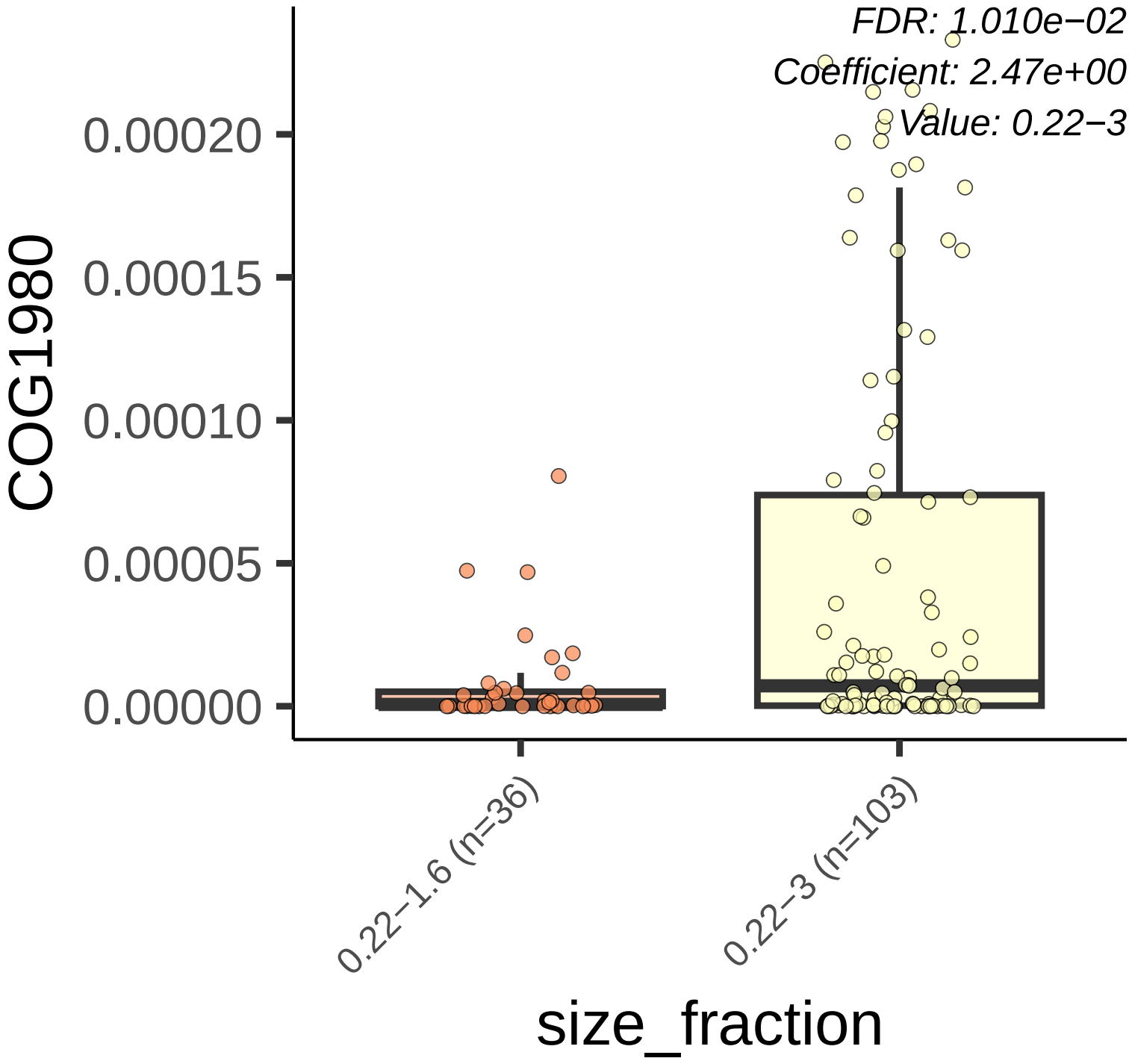
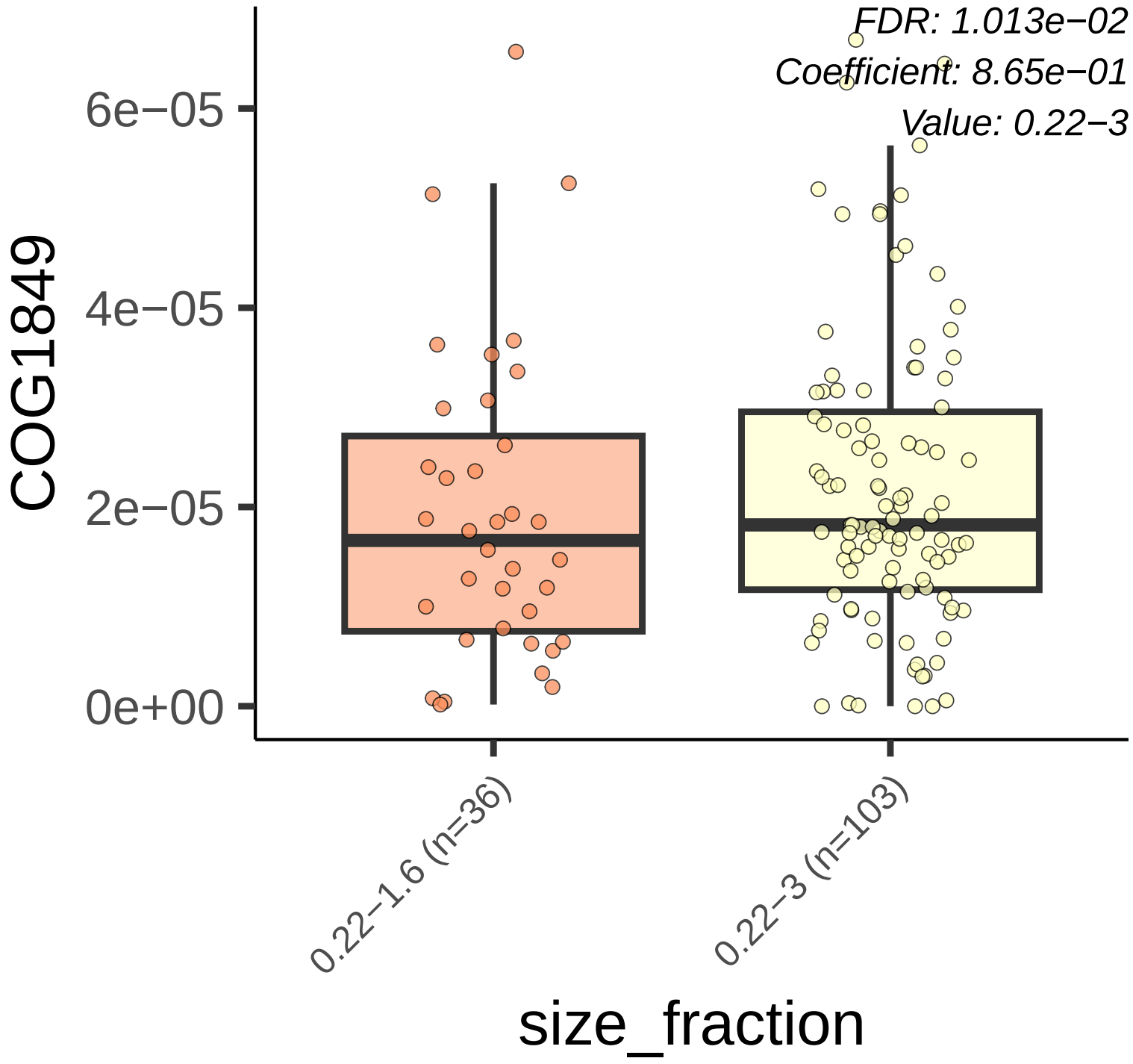
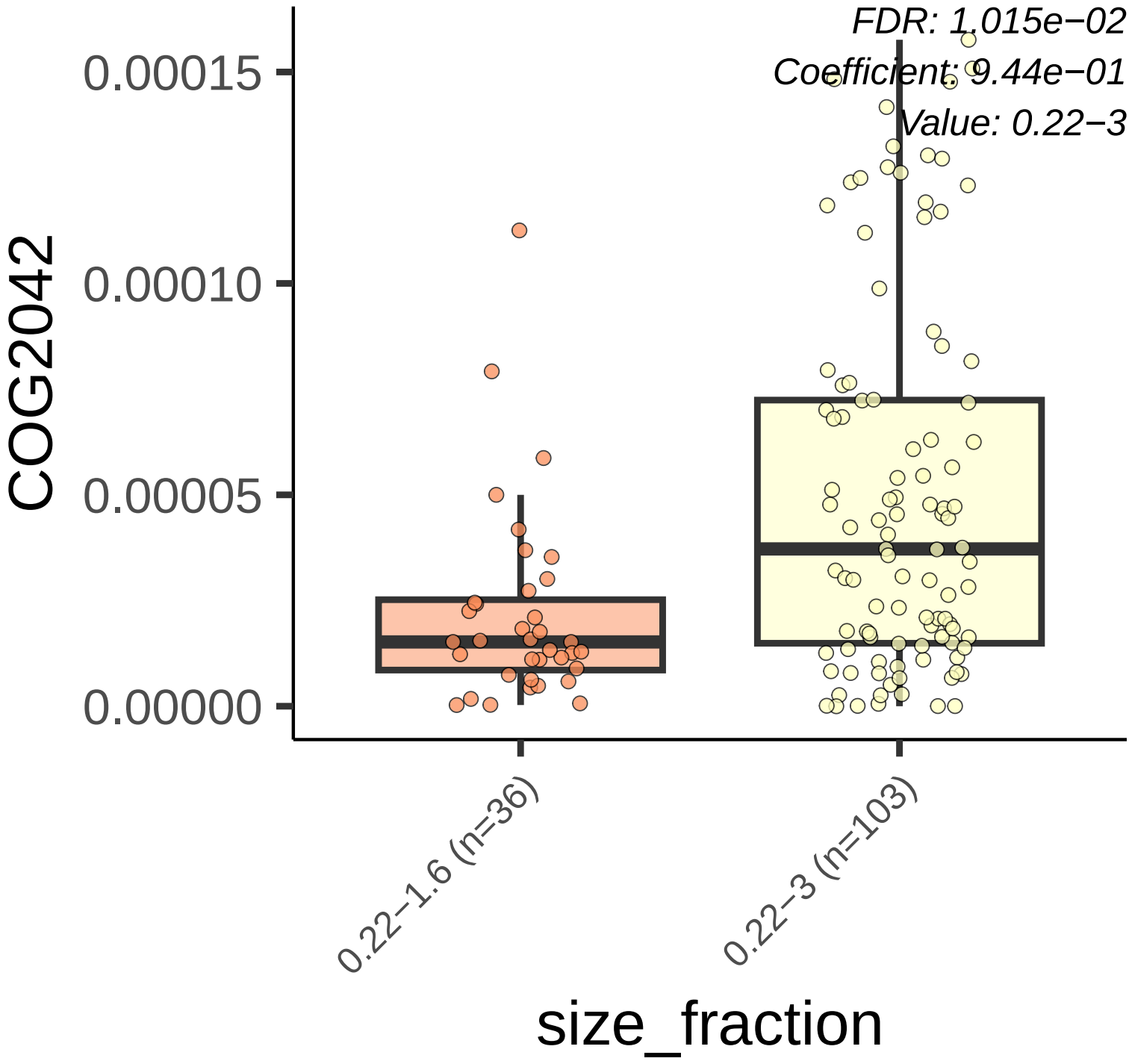
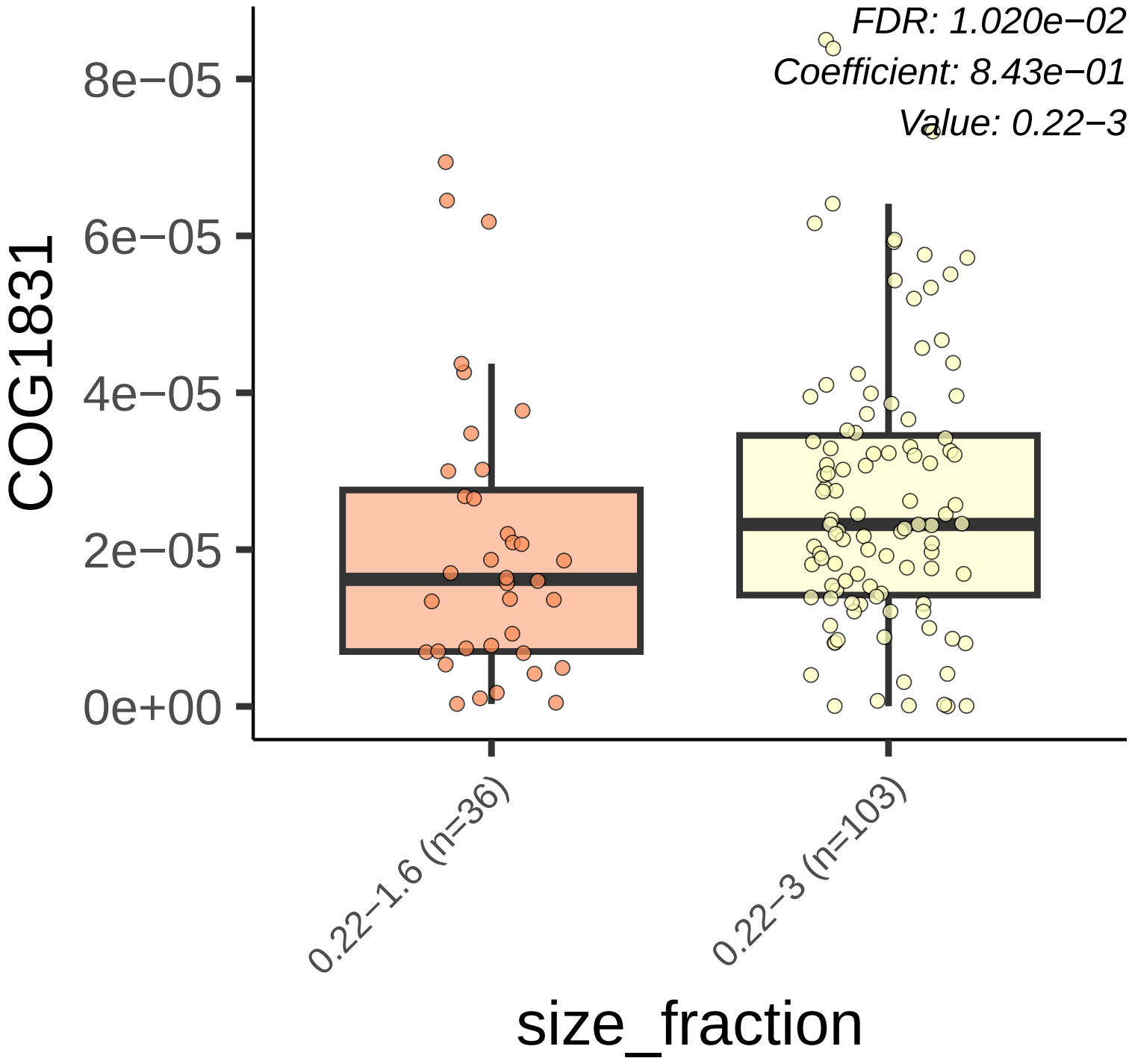
Coefficient: 9.12e−01
Value: 0.22−3
COG2147
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

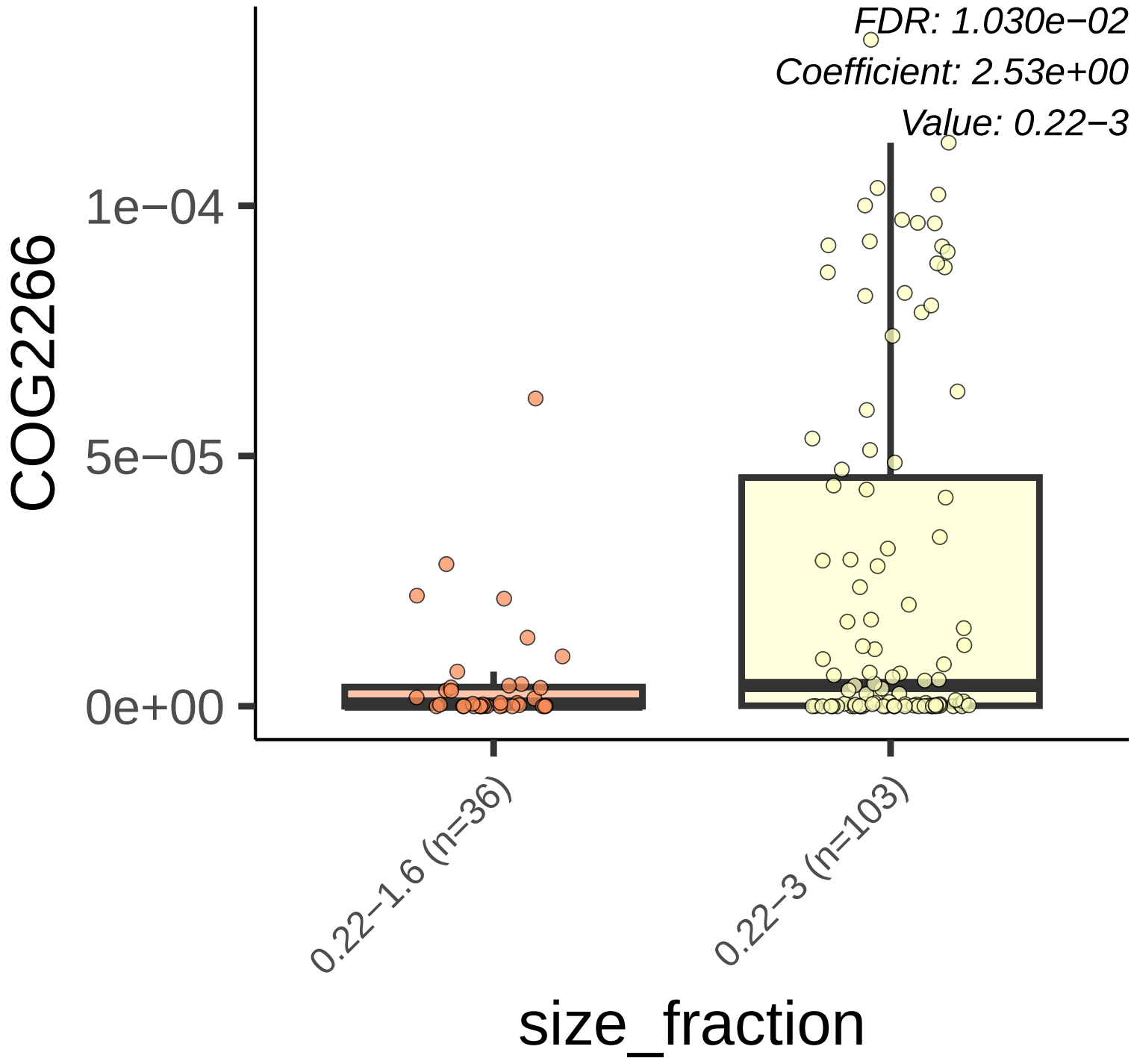

FDR: 1.010e−02
Coefficient: 1.01e+00
Value: 0.22−3
COG1889
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

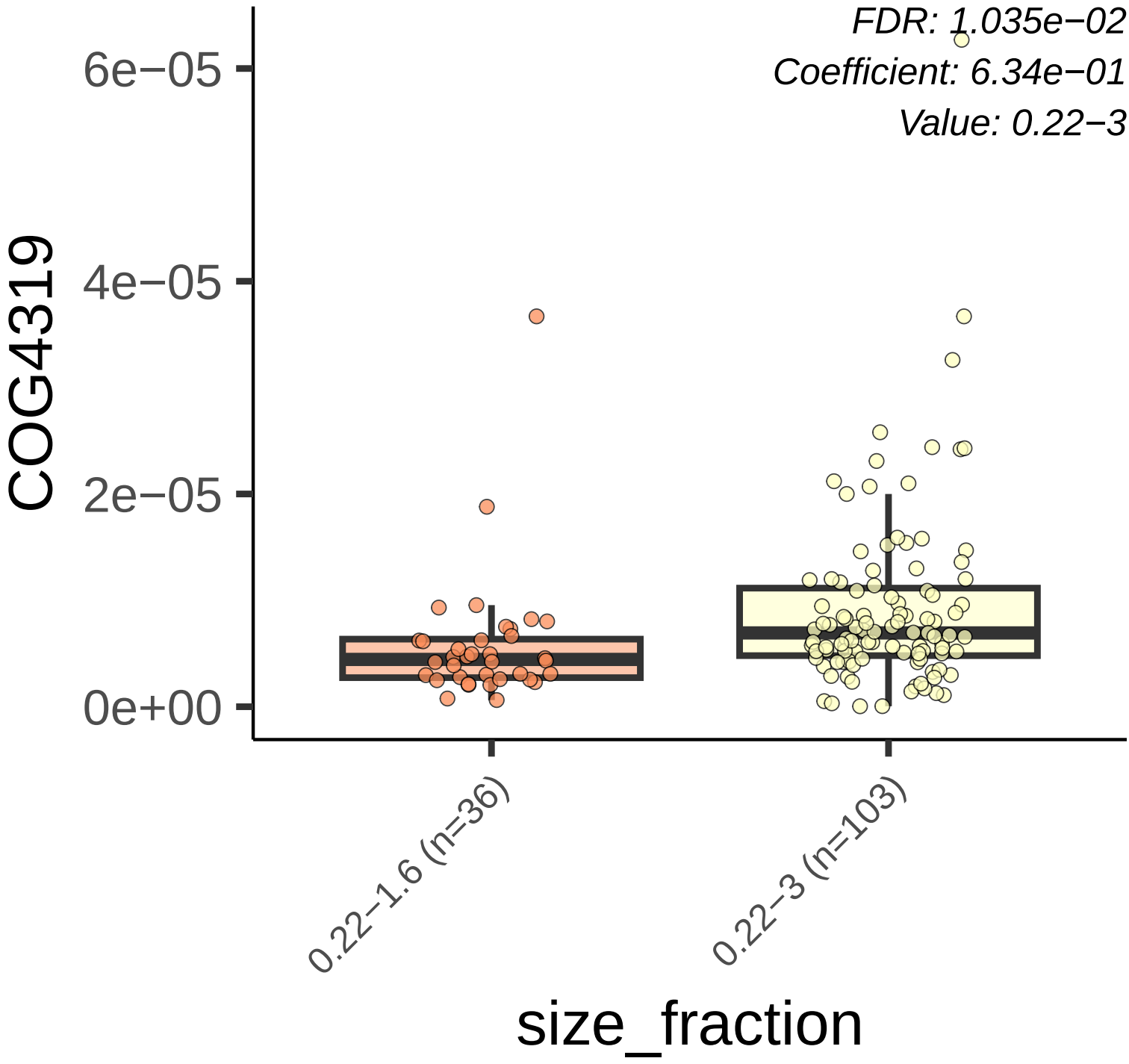

FDR: 1.010e−02
Coefficient: 2.47e+00
Value: 0.22−3
COG1980
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

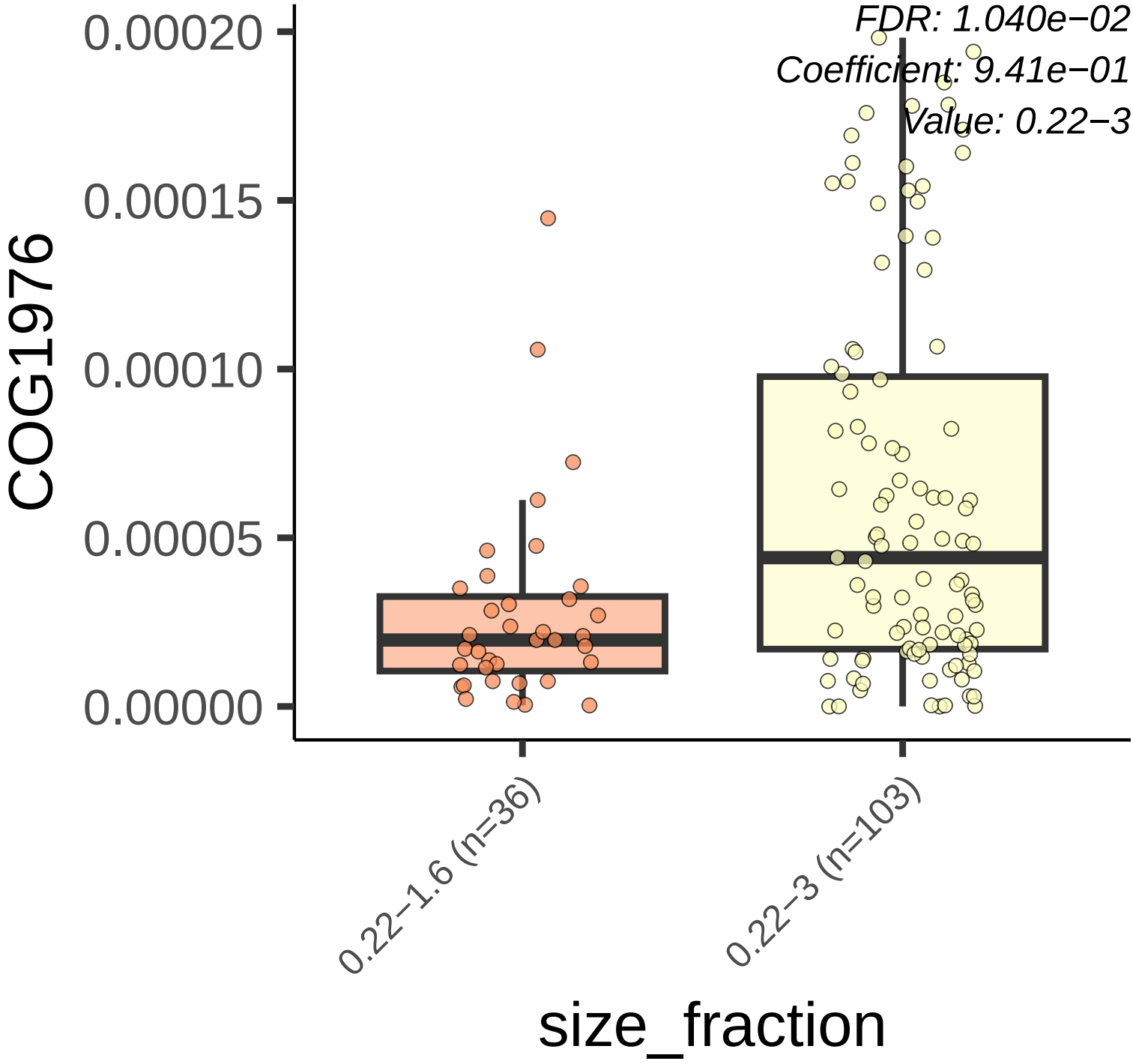

FDR: 1.013e−02
Coefficient: 8.65e−01
Value: 0.22−3
COG1849
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

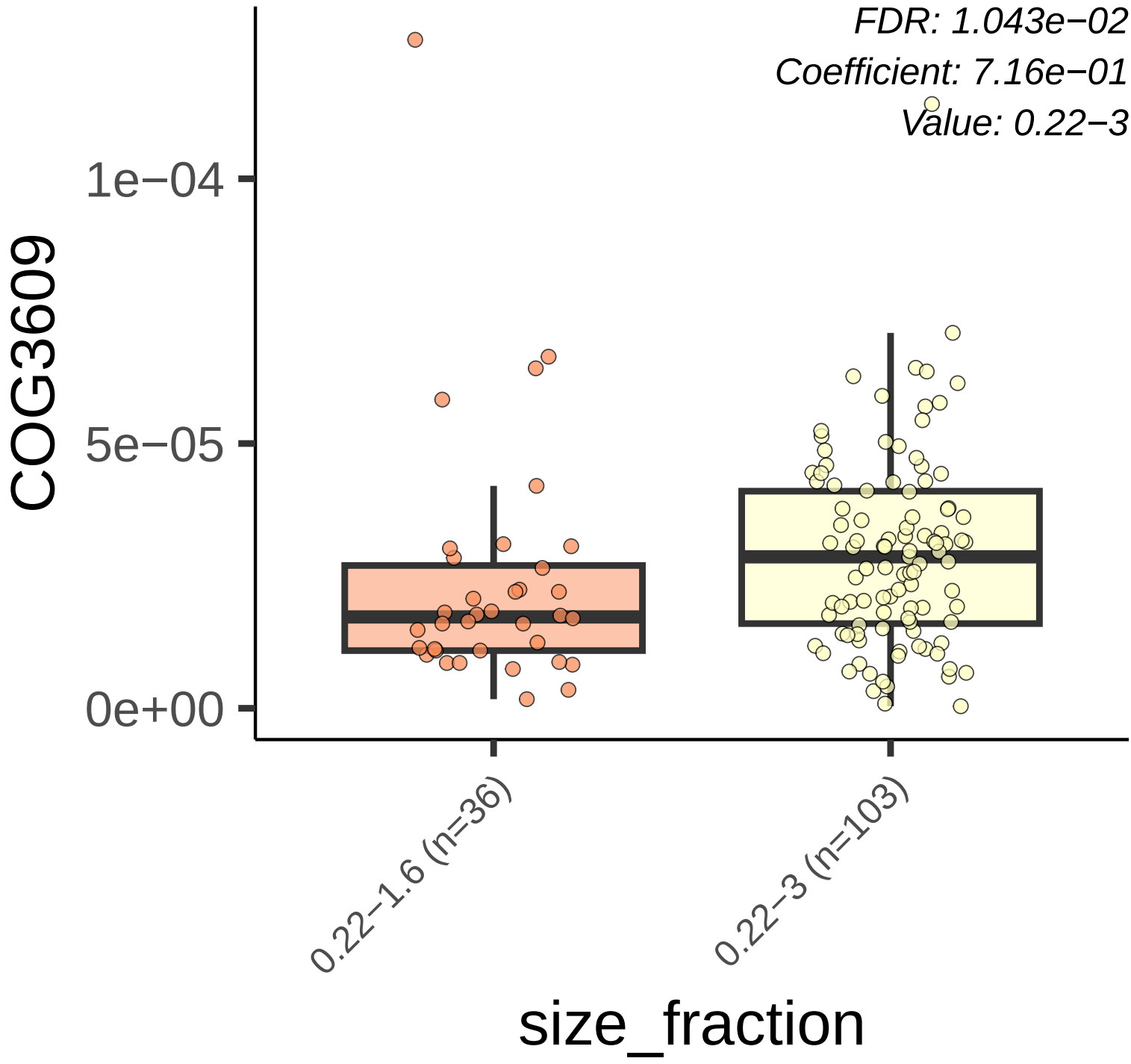

FDR: 1.015e−02
Coefficient: 9.44e−01
Value: 0.22−3
0.00015
0.00010
0.00005
0.00000
COG2042
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

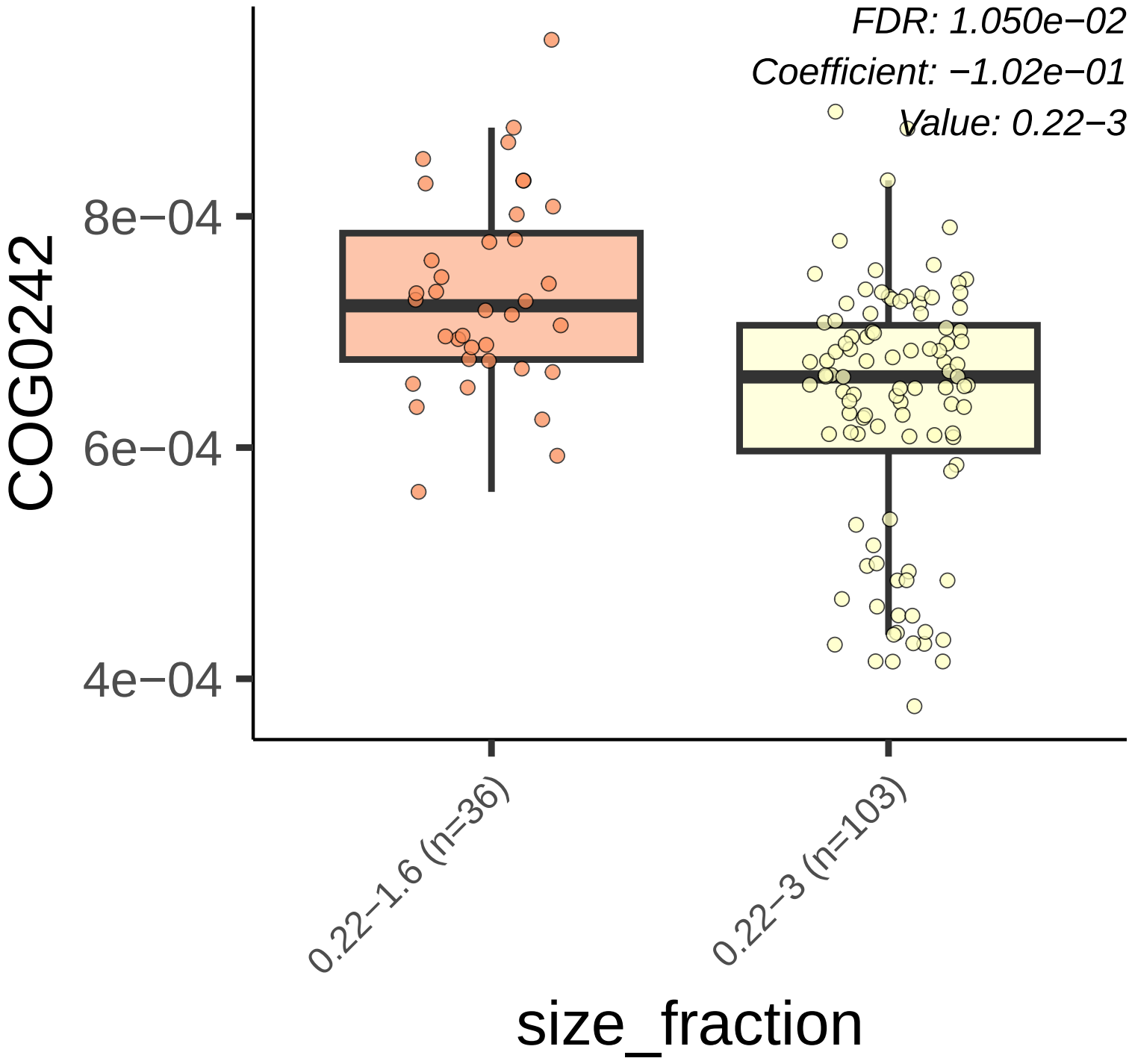

FDR: 1.020e−02
Coefficient: 8.43e−01
Value: 0.22−3
COG1831
8e−05
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

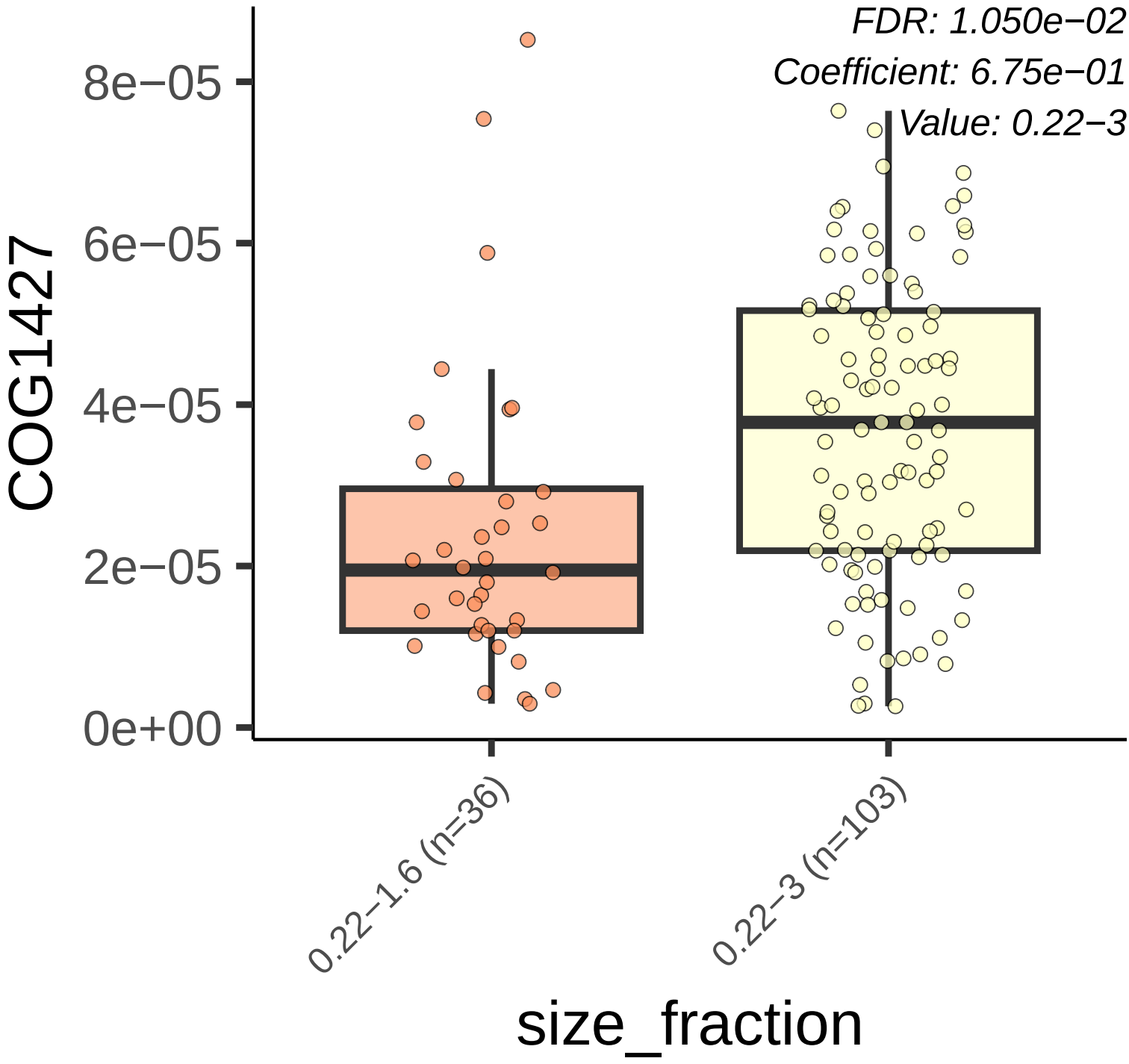

FDR: 1.030e−02
Coefficient: 2.53e+00
Value: 0.22−3
COG2266
1e−04
5e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

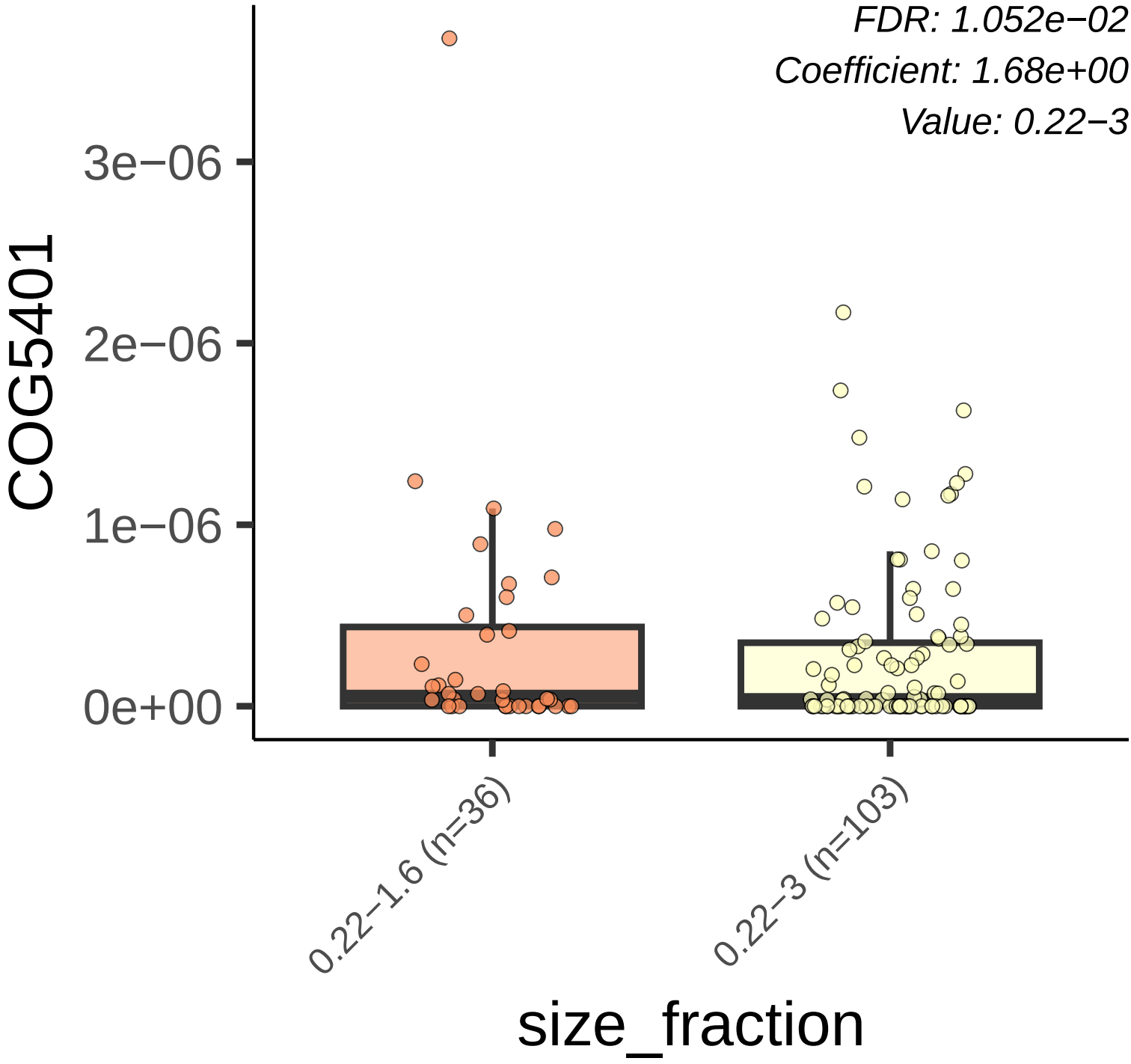

FDR: 1.035e−02
Coefficient: 6.34e−01
Value: 0.22−3
COG4319
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

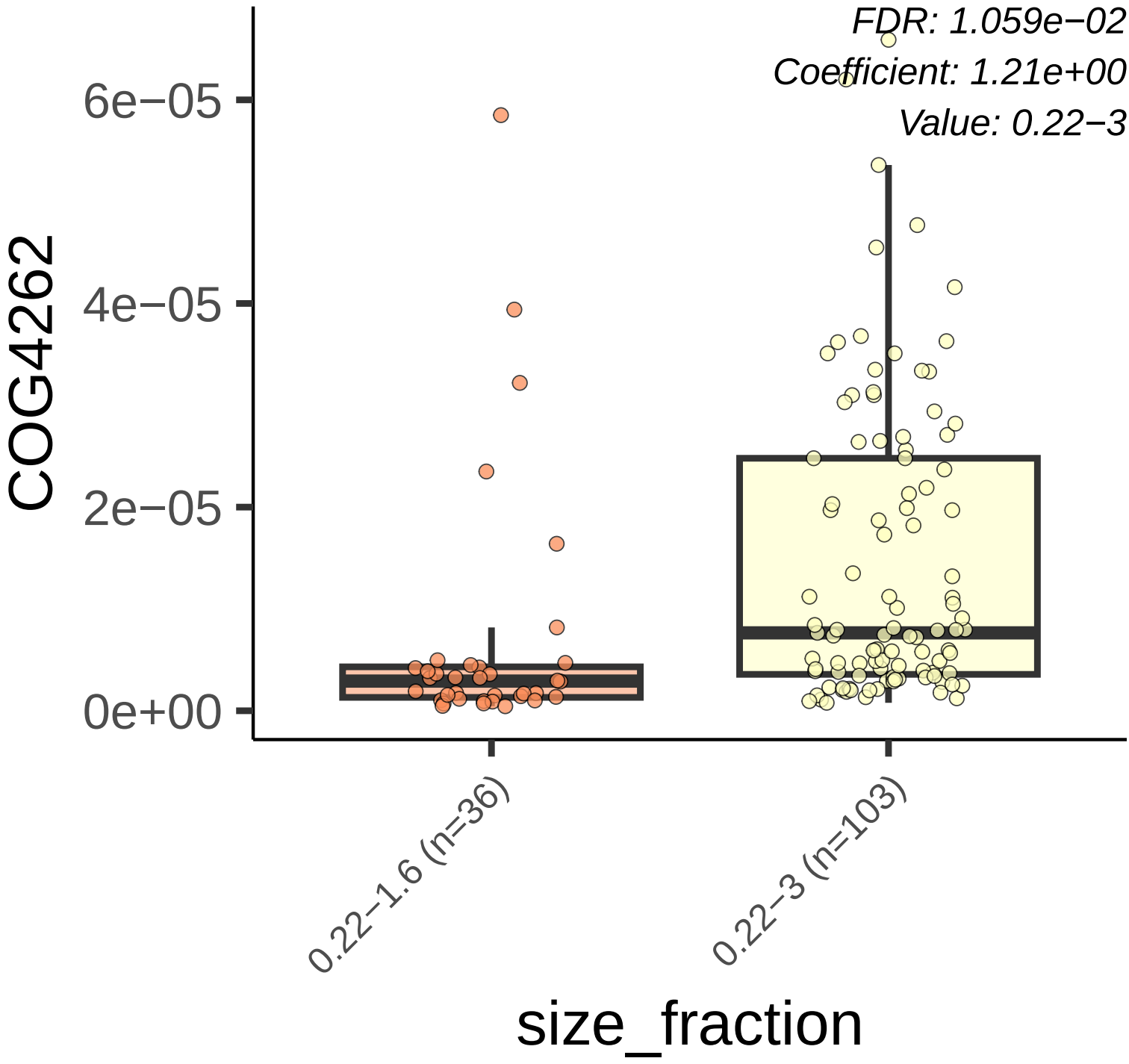

FDR: 1.040e−02
Coefficient: 9.41e−01
Value: 0.22−3
COG1976
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

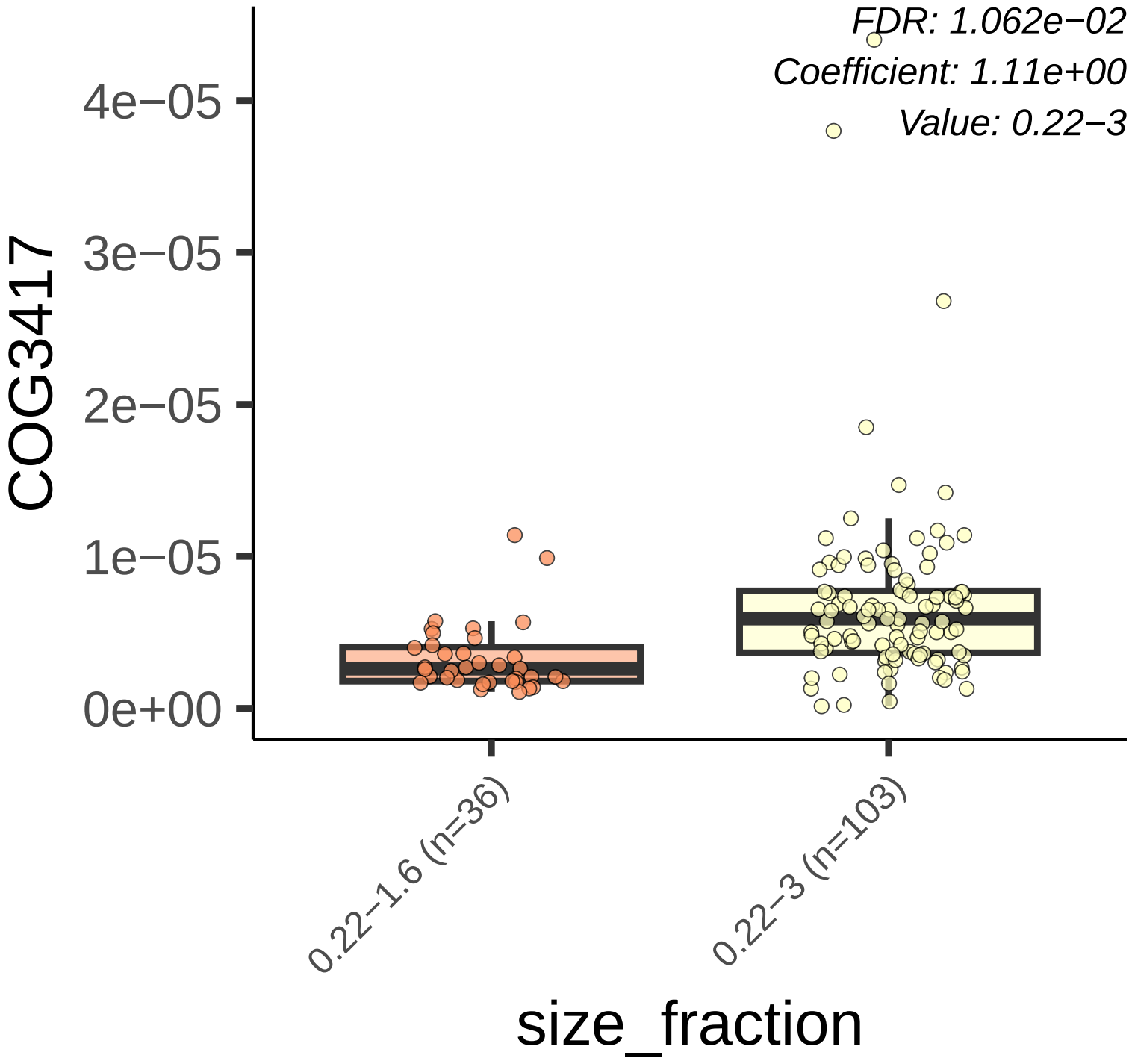

FDR: 1.043e−02
Coefficient: 7.16e−01
Value: 0.22−3
COG3609
1e−04
5e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

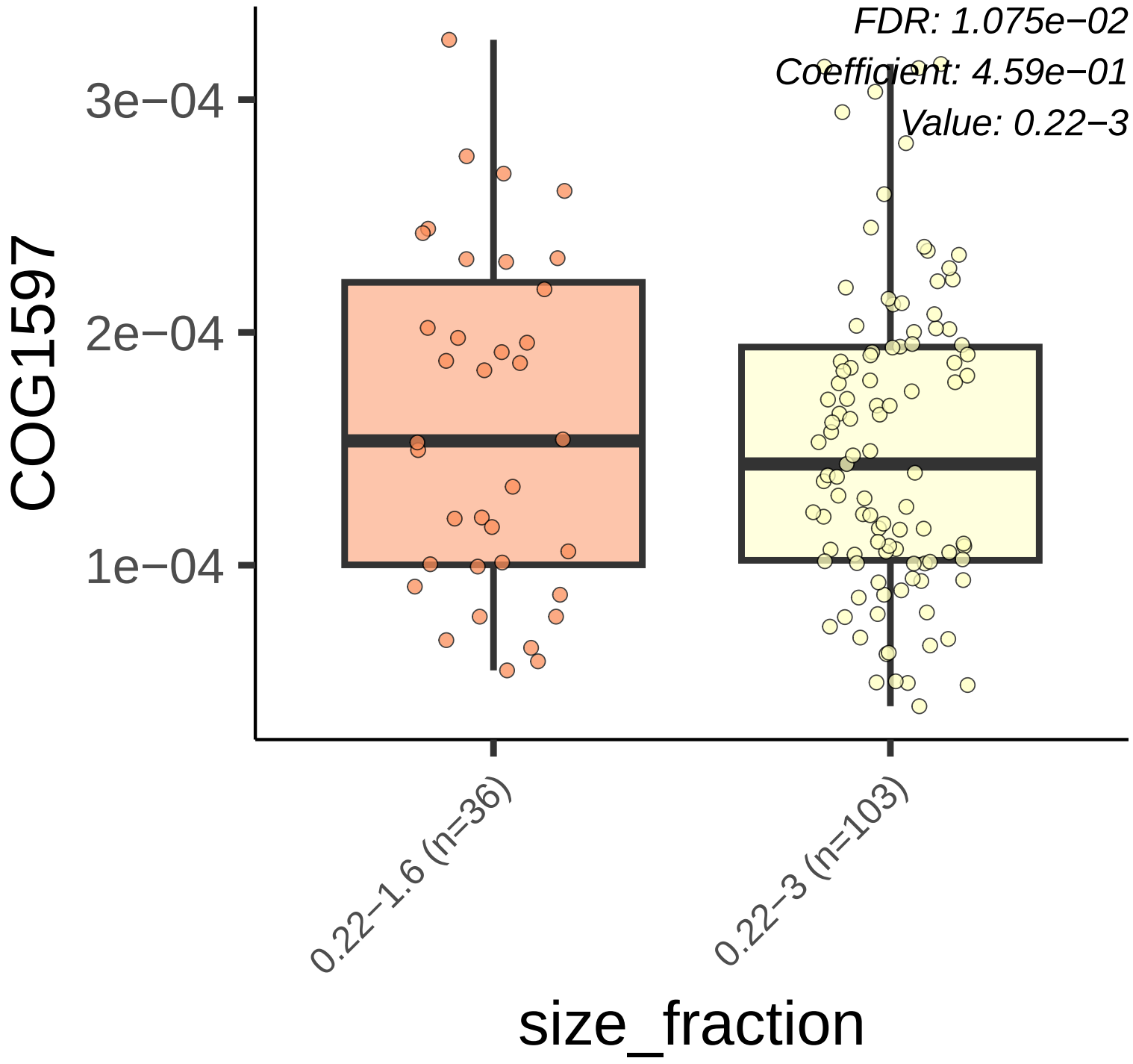

FDR: 1.050e−02
Coefficient: −1.02e−01
Value: 0.22−3
COG0242
8e−04
6e−04
4e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

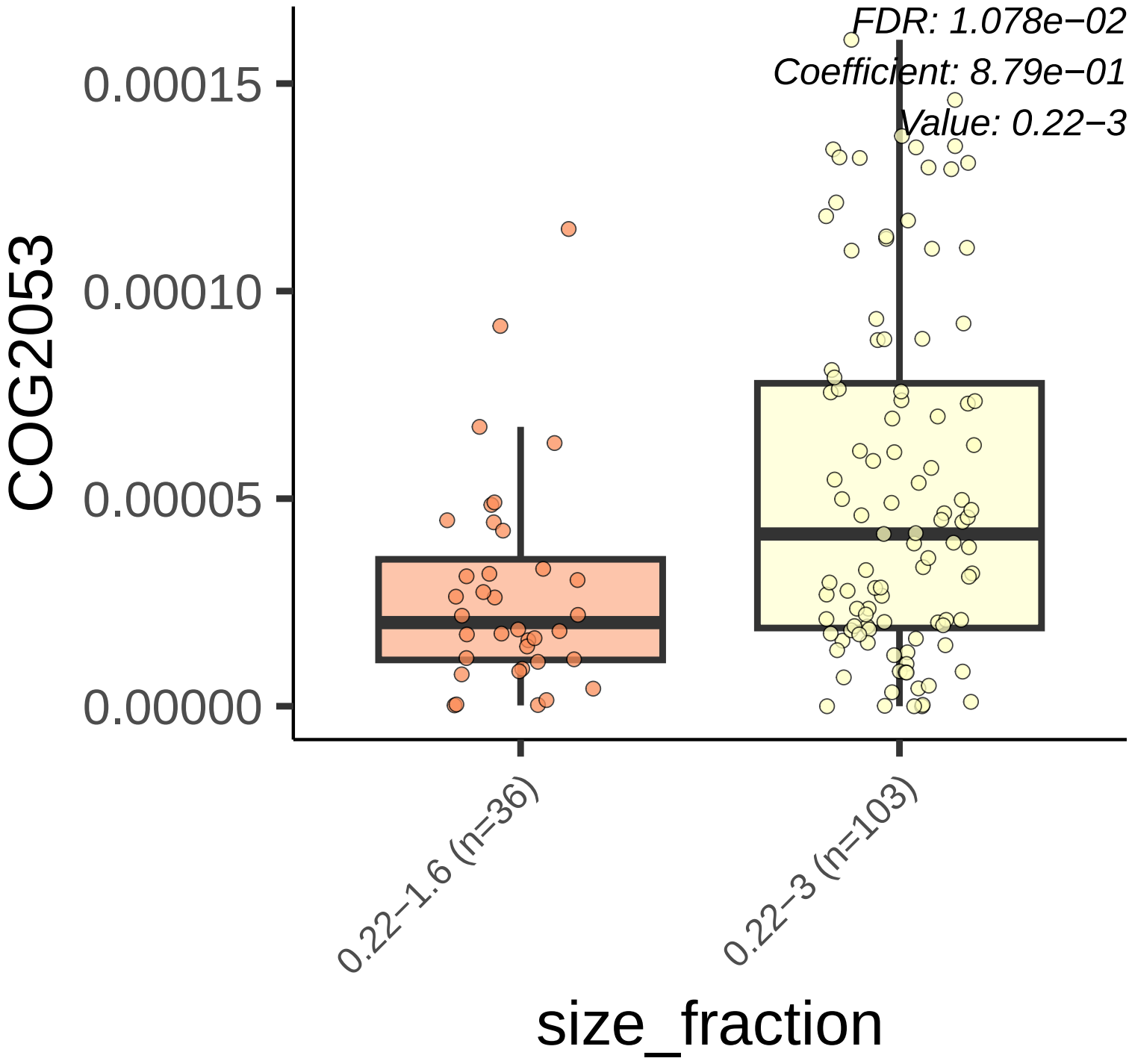

FDR: 1.050e−02
Coefficient: 6.75e−01
Value: 0.22−3
COG1427
8e−05
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

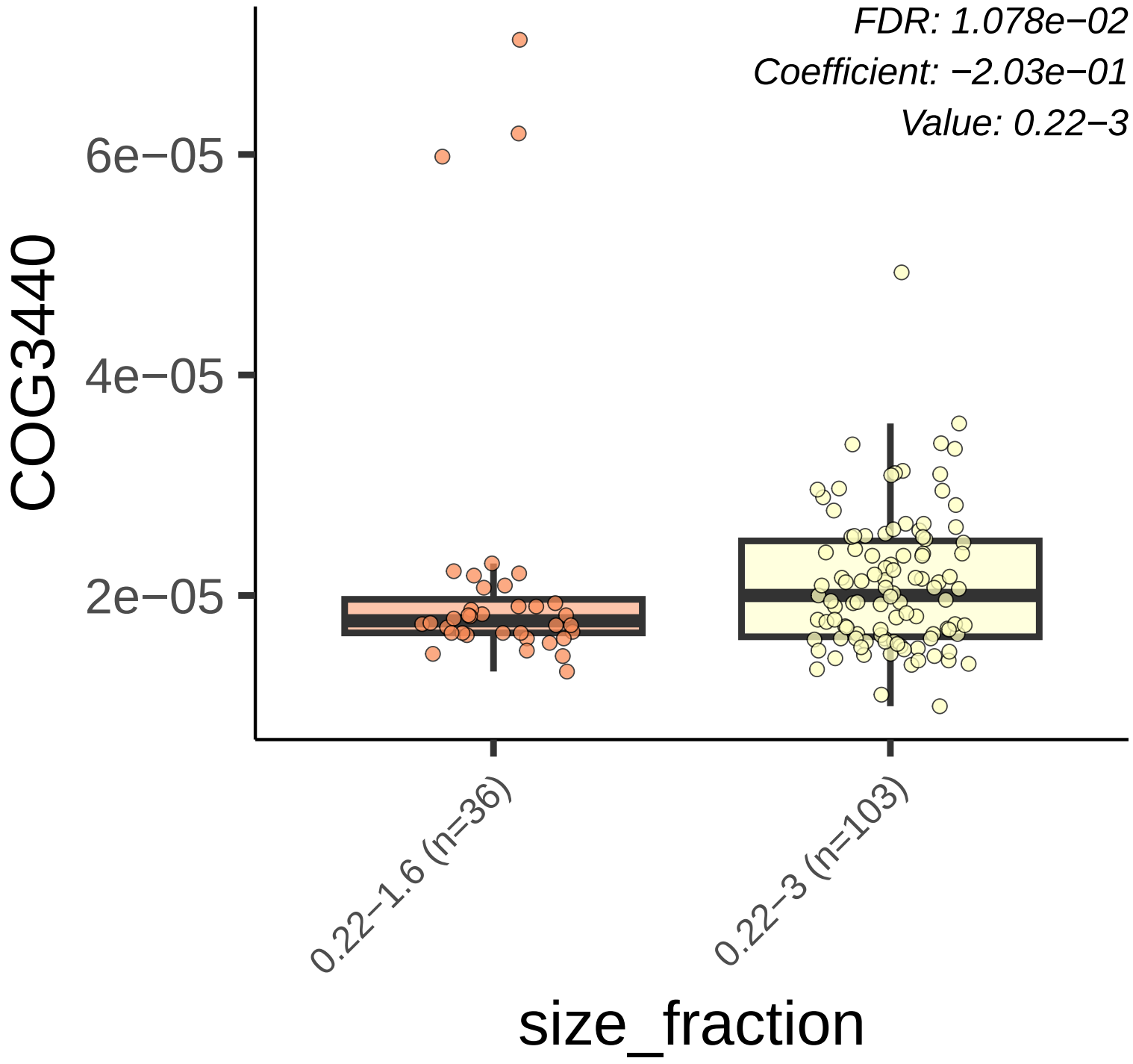

FDR: 1.052e−02
Coefficient: 1.68e+00
Value: 0.22−3
COG5401
3e−06
2e−06
1e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

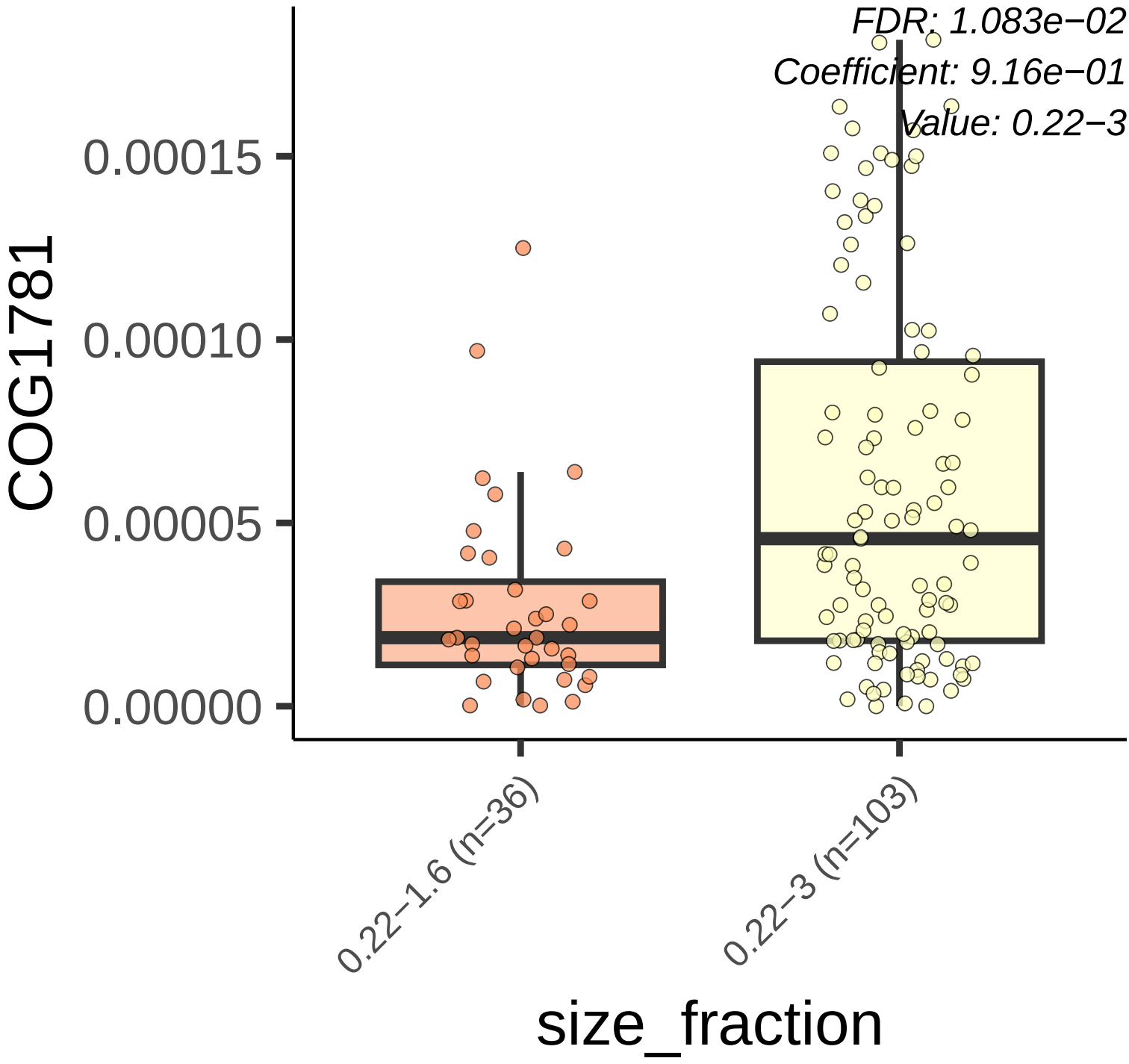

FDR: 1.059e−02
Coefficient: 1.21e+00
Value: 0.22−3
COG4262
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

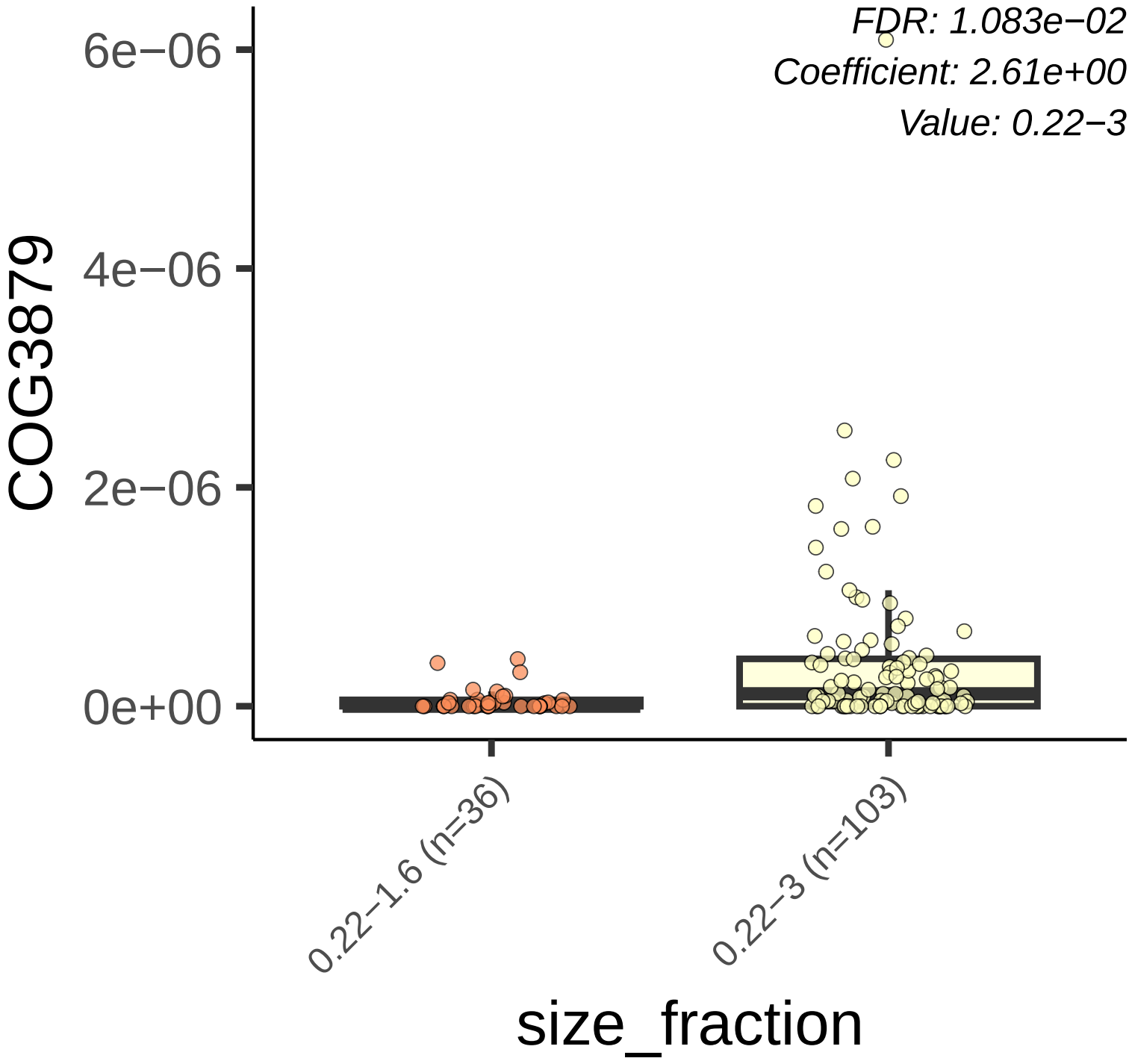

FDR: 1.062e−02
Coefficient: 1.11e+00
Value: 0.22−3
COG3417
4e−05
3e−05
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

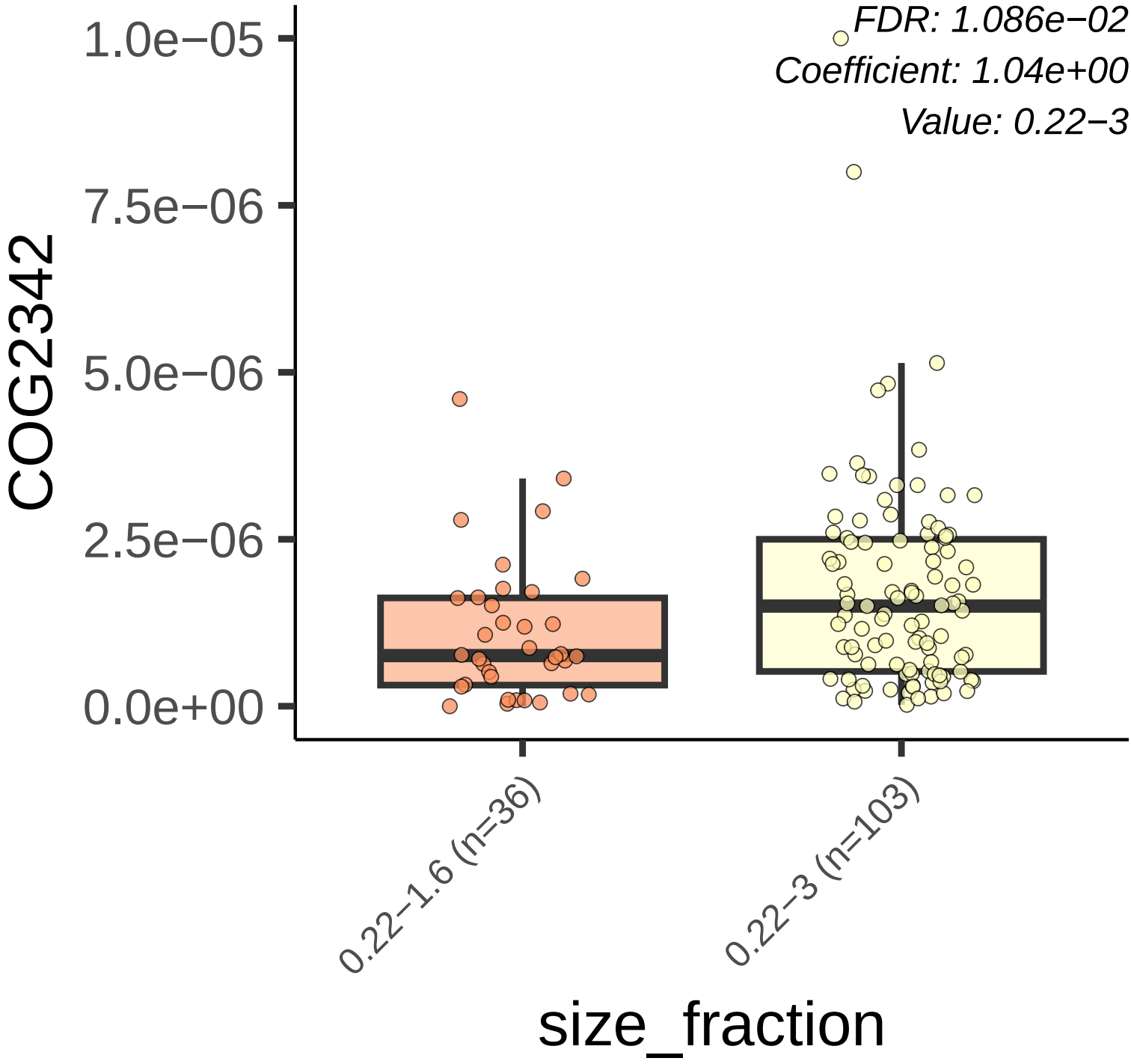

FDR: 1.075e−02
Coefficient: 4.59e−01
Value: 0.22−3
COG1597
3e−04
2e−04
1e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

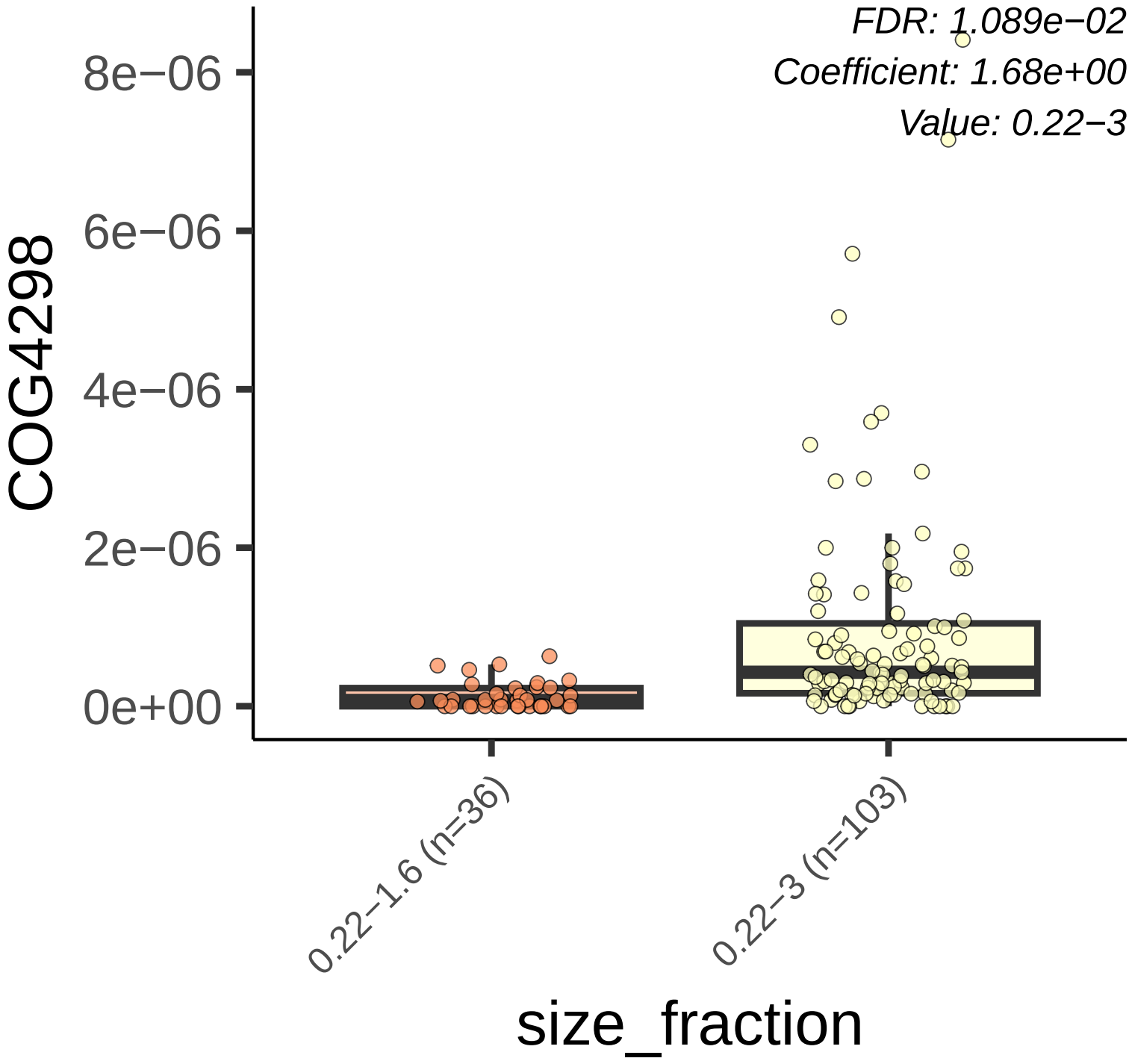

FDR: 1.078e−02
Coefficient: 8.79e−01
Value: 0.22−3
COG2053
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

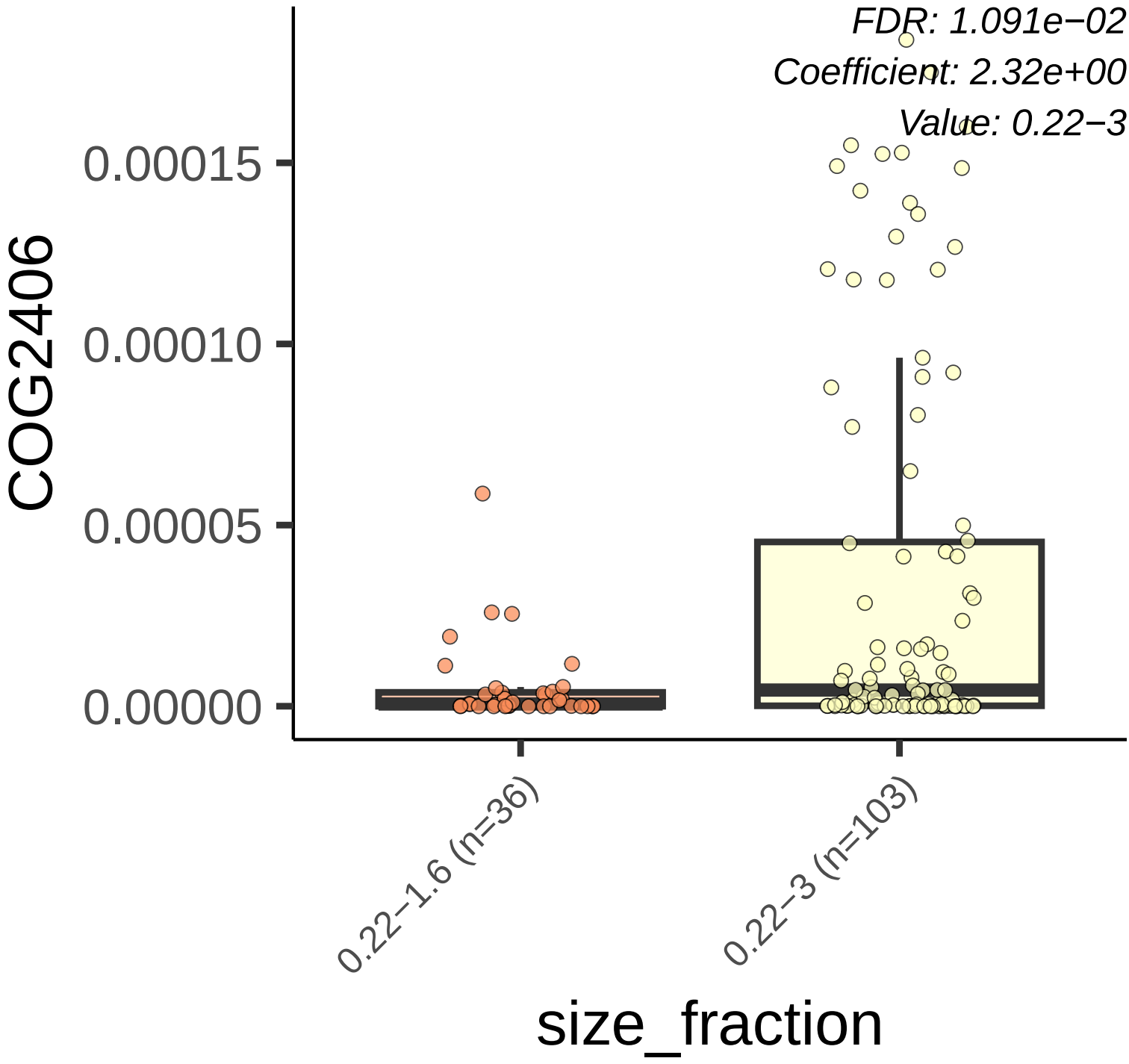

FDR: 1.078e−02
Coefficient: −2.03e−01
Value: 0.22−3
COG3440
6e−05
4e−05
2e−05
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

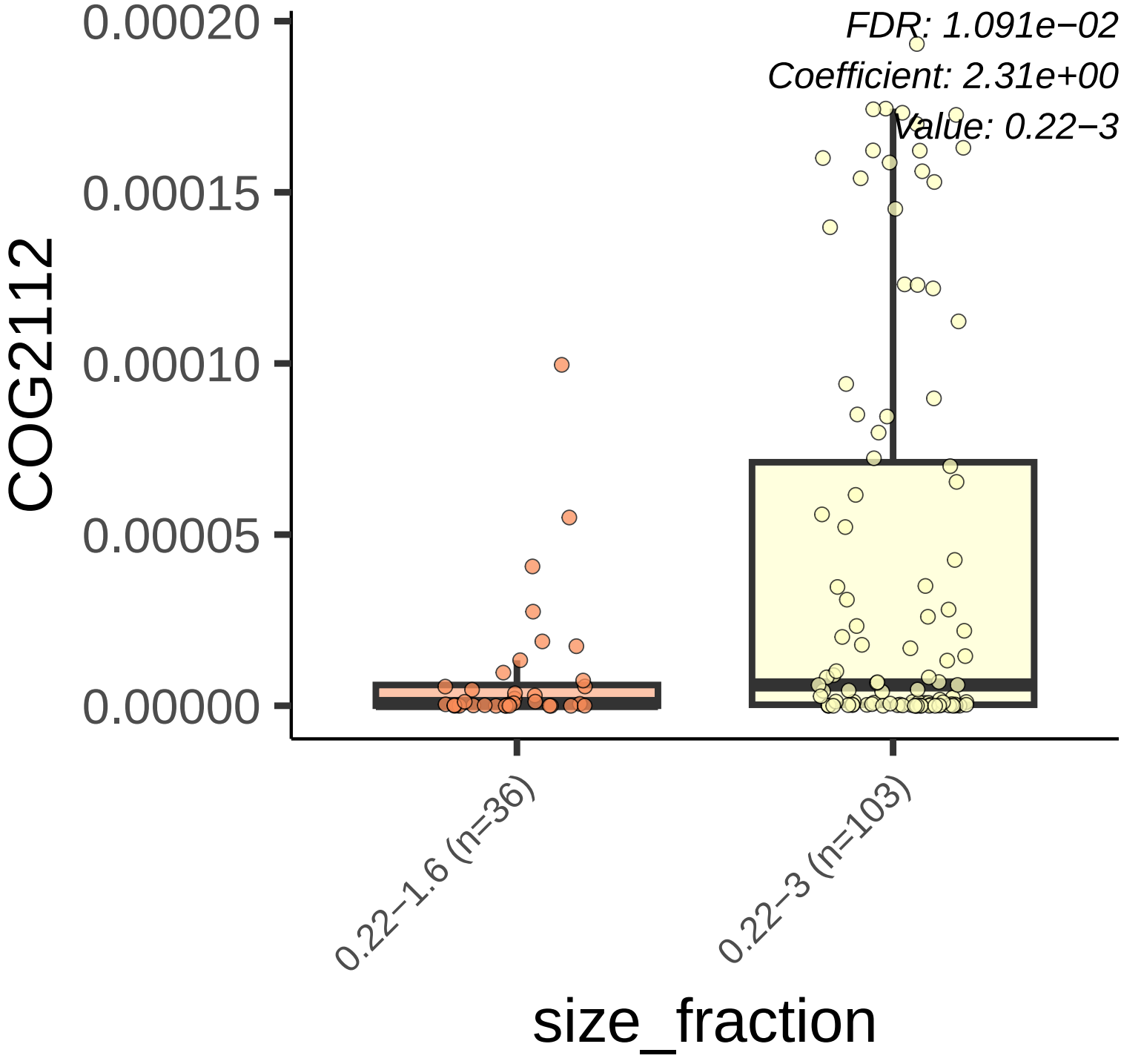

FDR: 1.083e−02
Coefficient: 9.16e−01
Value: 0.22−3
COG1781
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

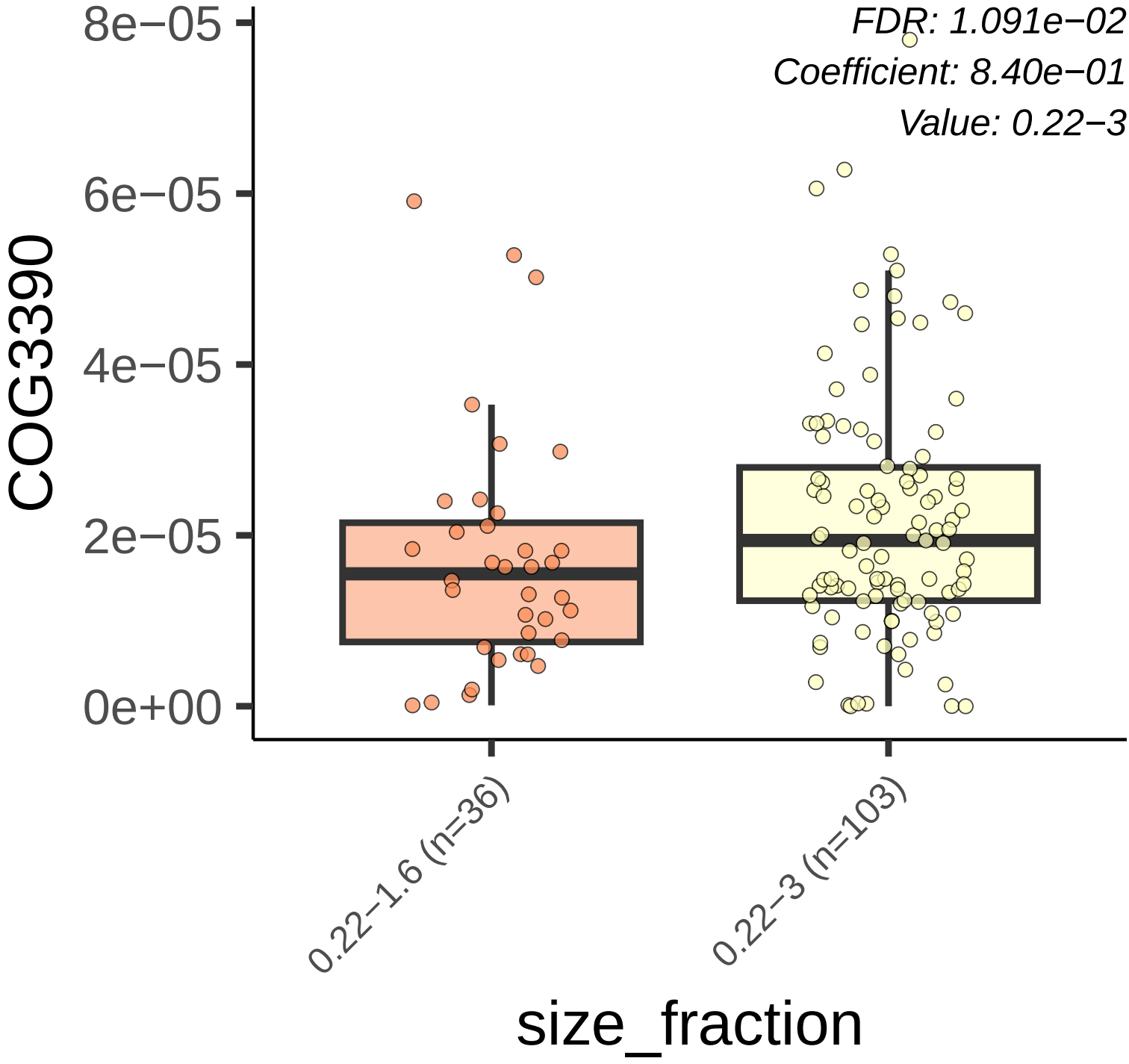

FDR: 1.083e−02
Coefficient: 2.61e+00
Value: 0.22−3
COG3879
6e−06
4e−06
2e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

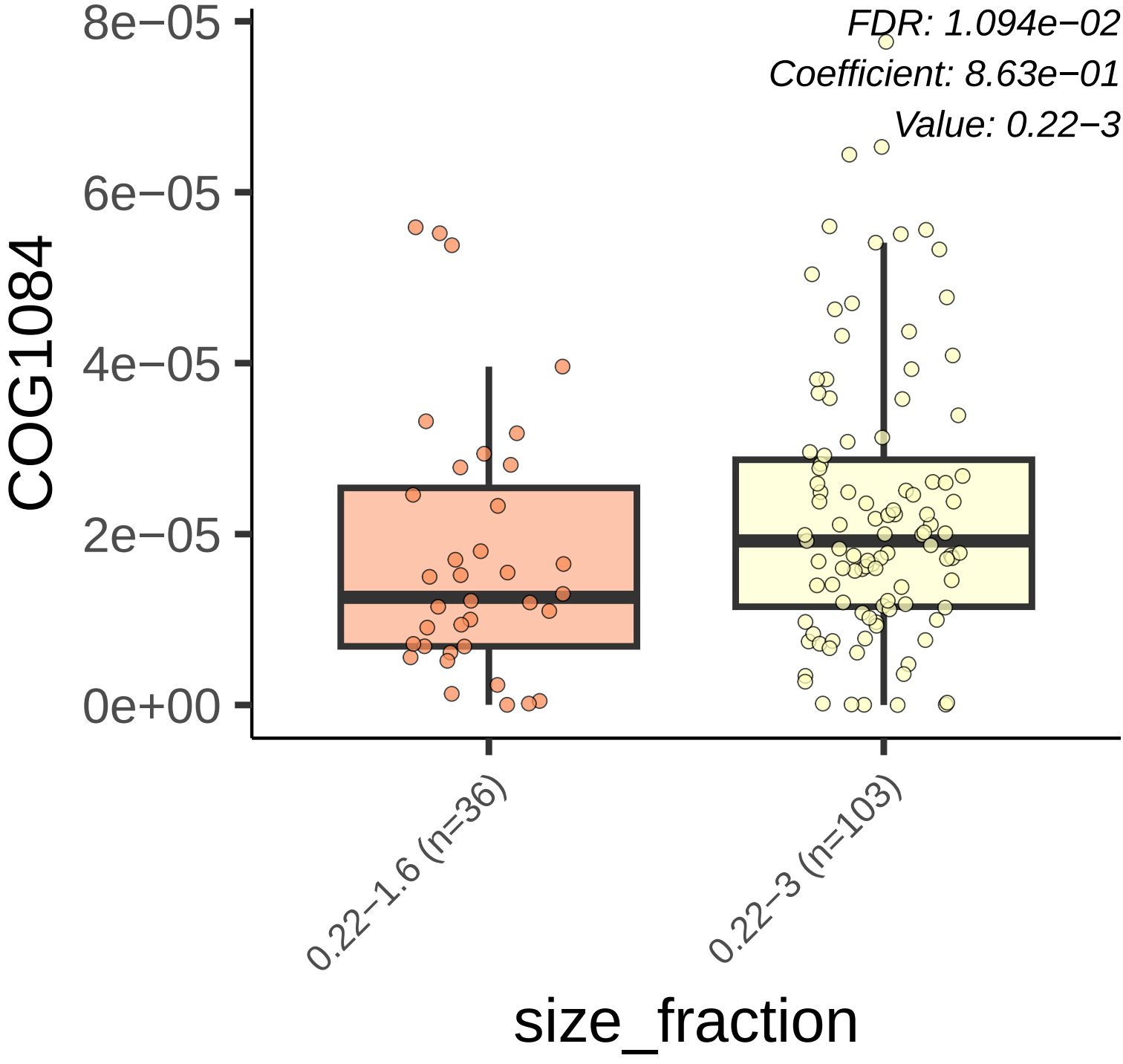

FDR: 1.086e−02
Coefficient: 1.04e+00
Value: 0.22−3
COG2342
1.0e−05
7.5e−06
5.0e−06
2.5e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

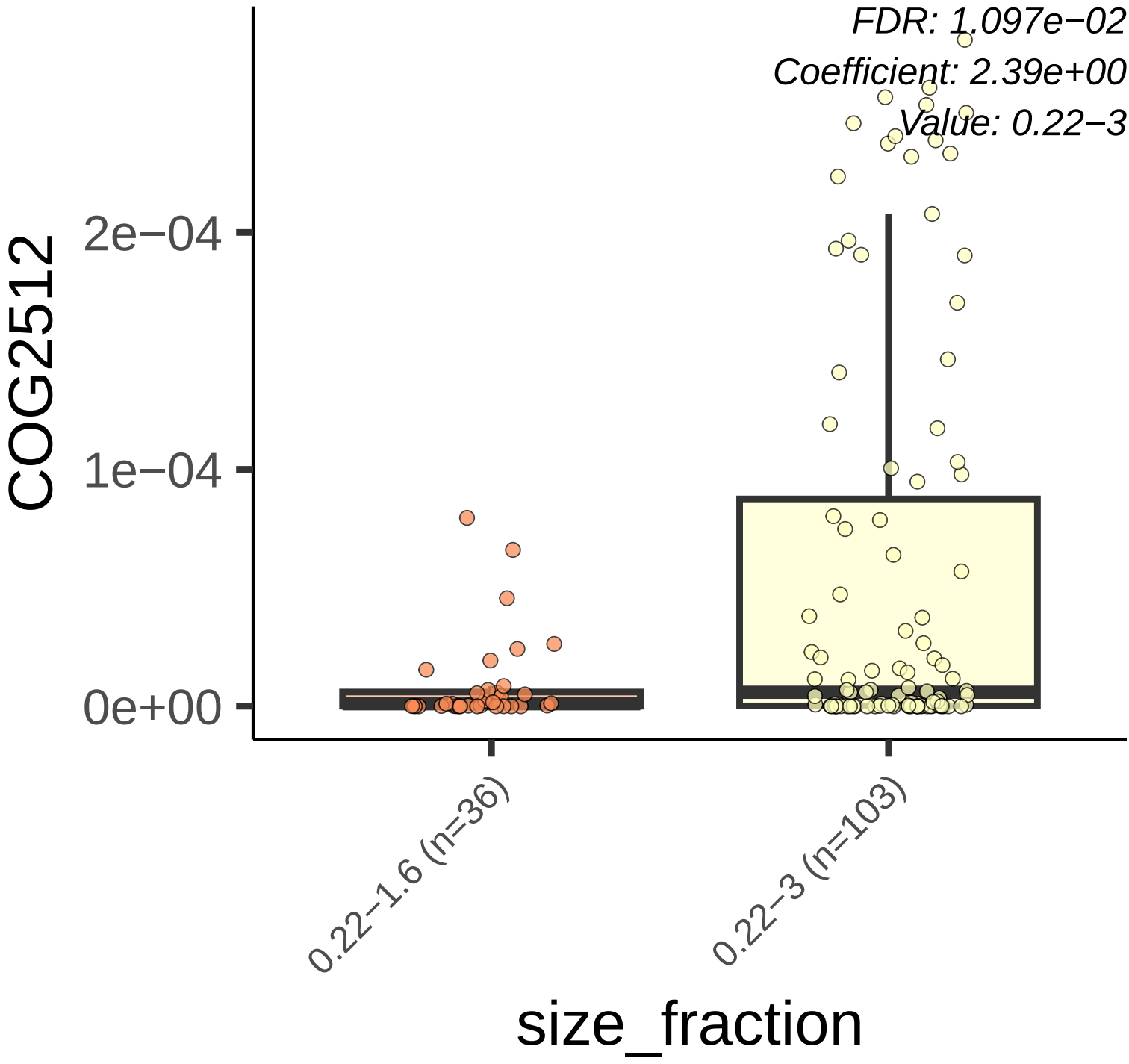

FDR: 1.089e−02
Coefficient: 1.68e+00
Value: 0.22−3
COG4298
8e−06
6e−06
4e−06
2e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

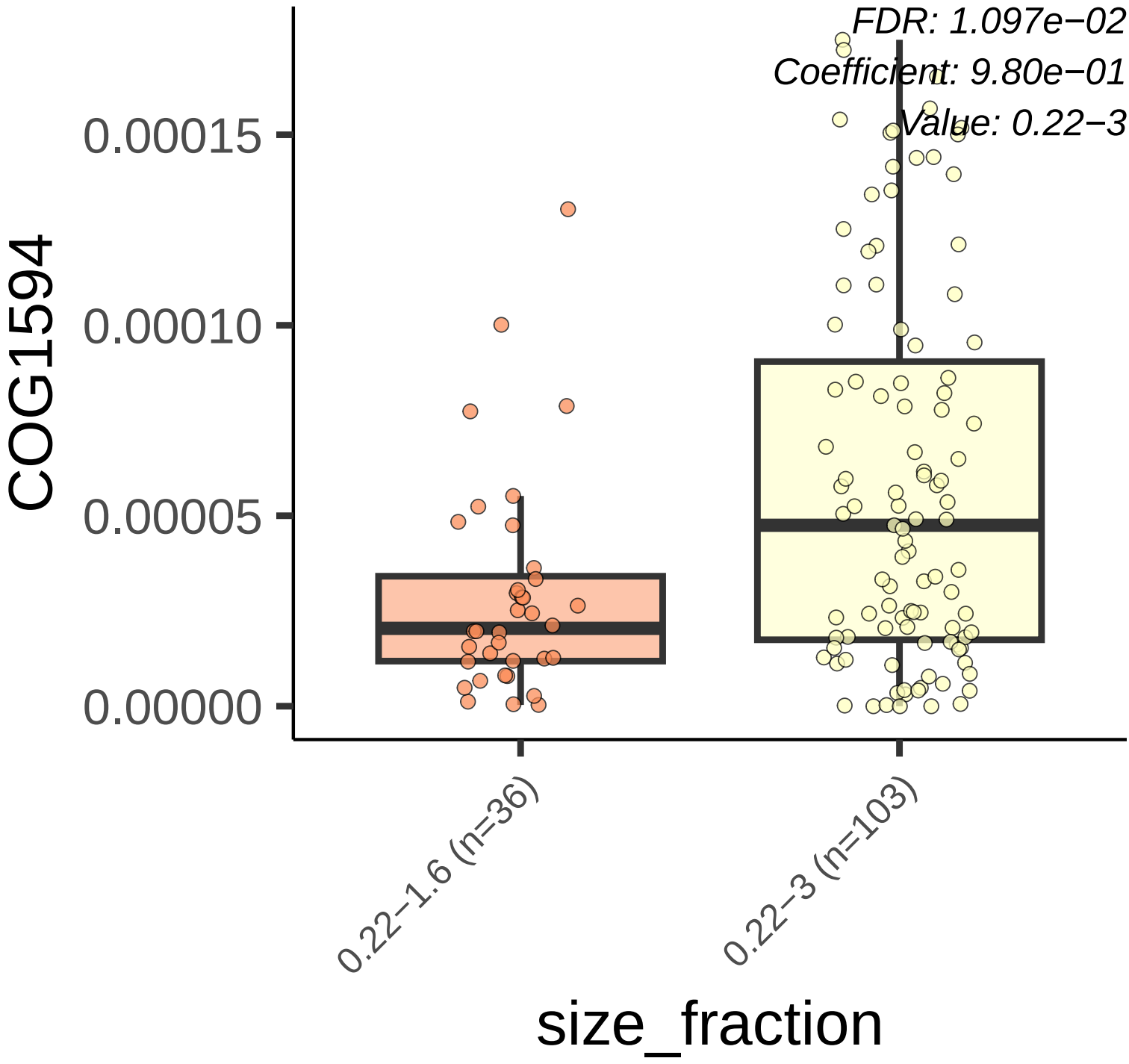

FDR: 1.091e−02
Coefficient: 2.32e+00
Value: 0.22−3
COG2406
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

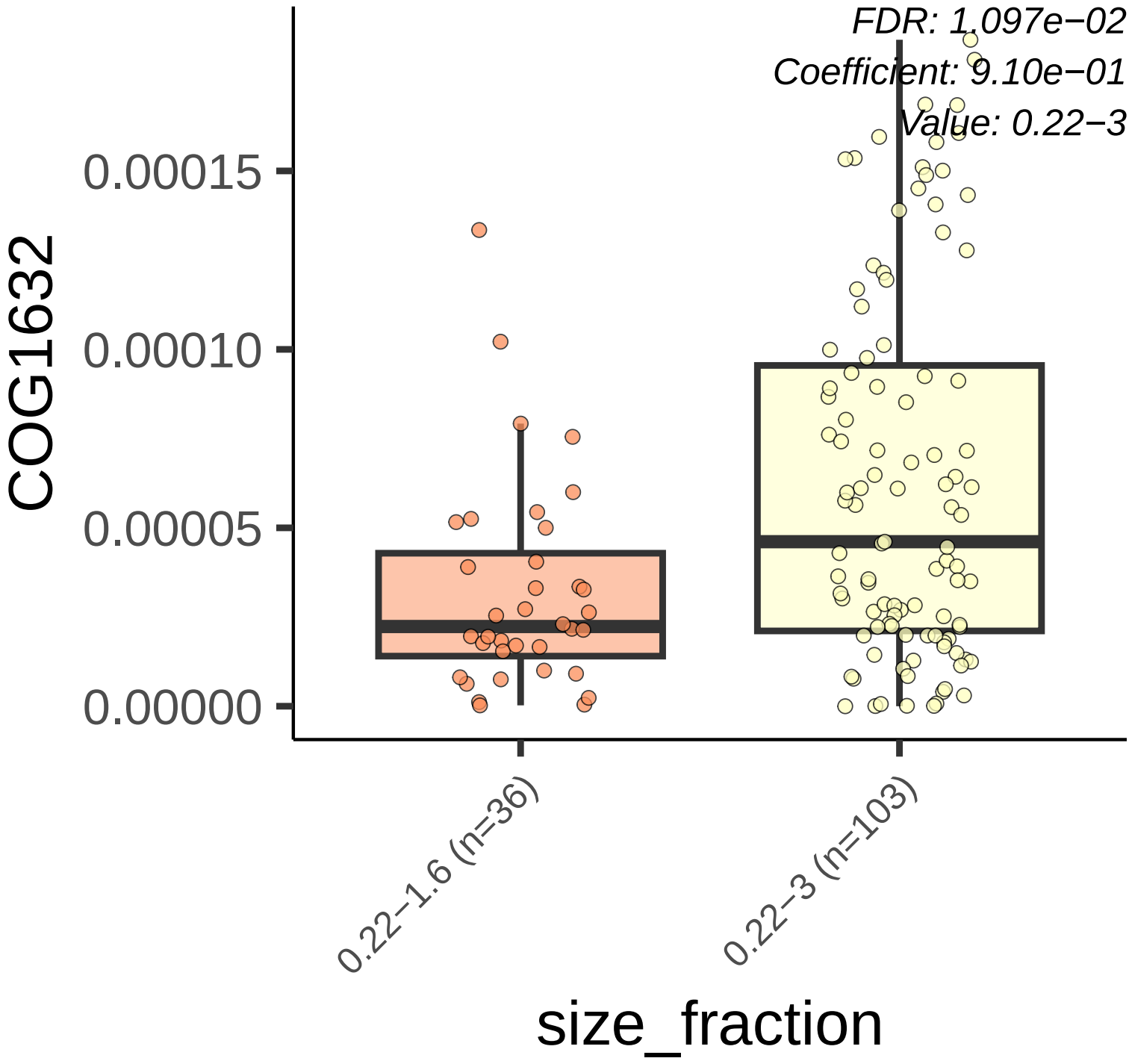

FDR: 1.091e−02
Coefficient: 2.31e+00
Value: 0.22−3
COG2112
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

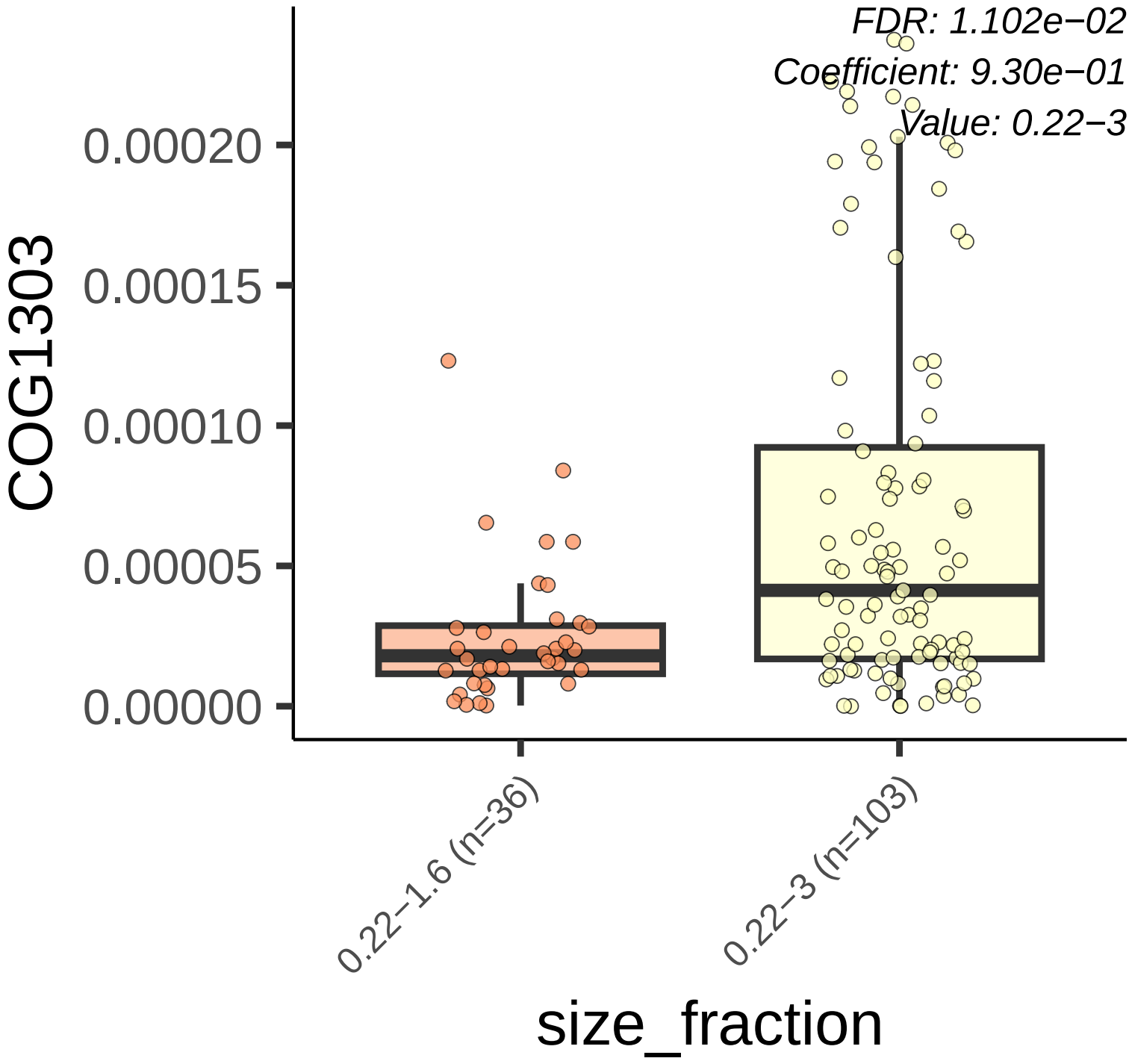

FDR: 1.091e−02
Coefficient: 8.40e−01
Value: 0.22−3
COG3390
8e−05
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

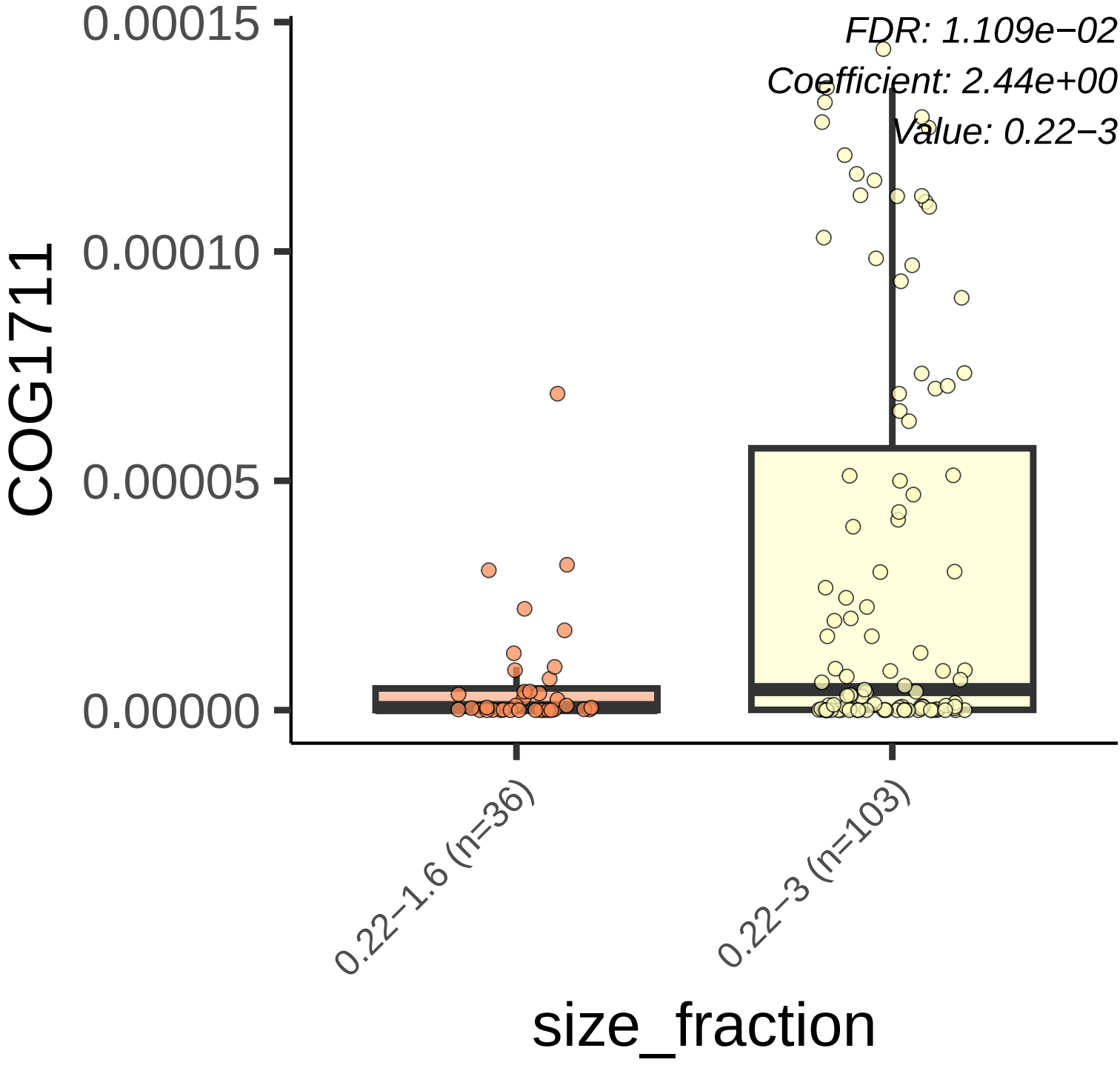

FDR: 1.094e−02
Coefficient: 8.63e−01
Value: 0.22−3
COG1084
8e−05
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

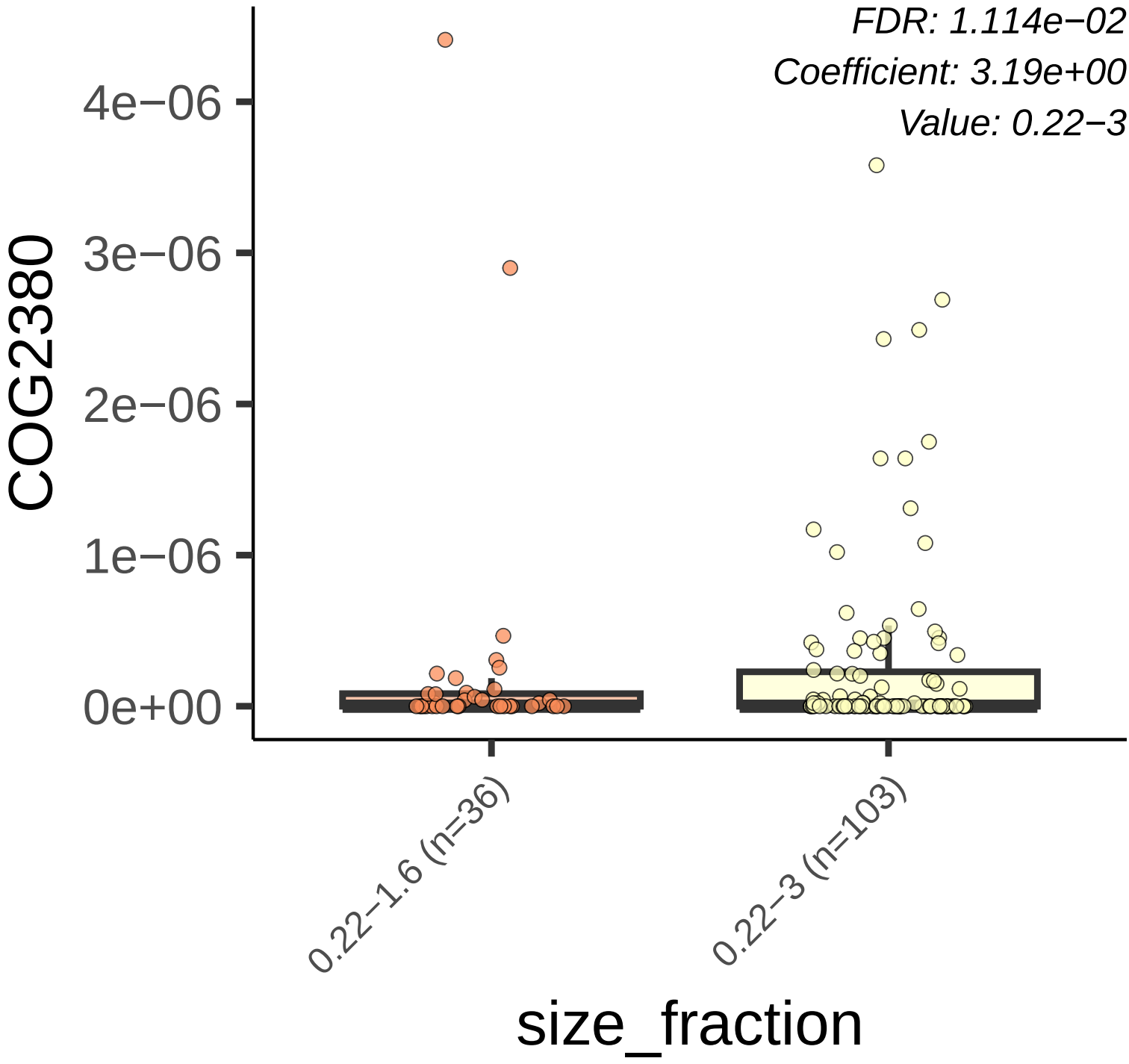

FDR: 1.097e−02
Coefficient: 2.39e+00
Value: 0.22−3
COG2512
2e−04
1e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

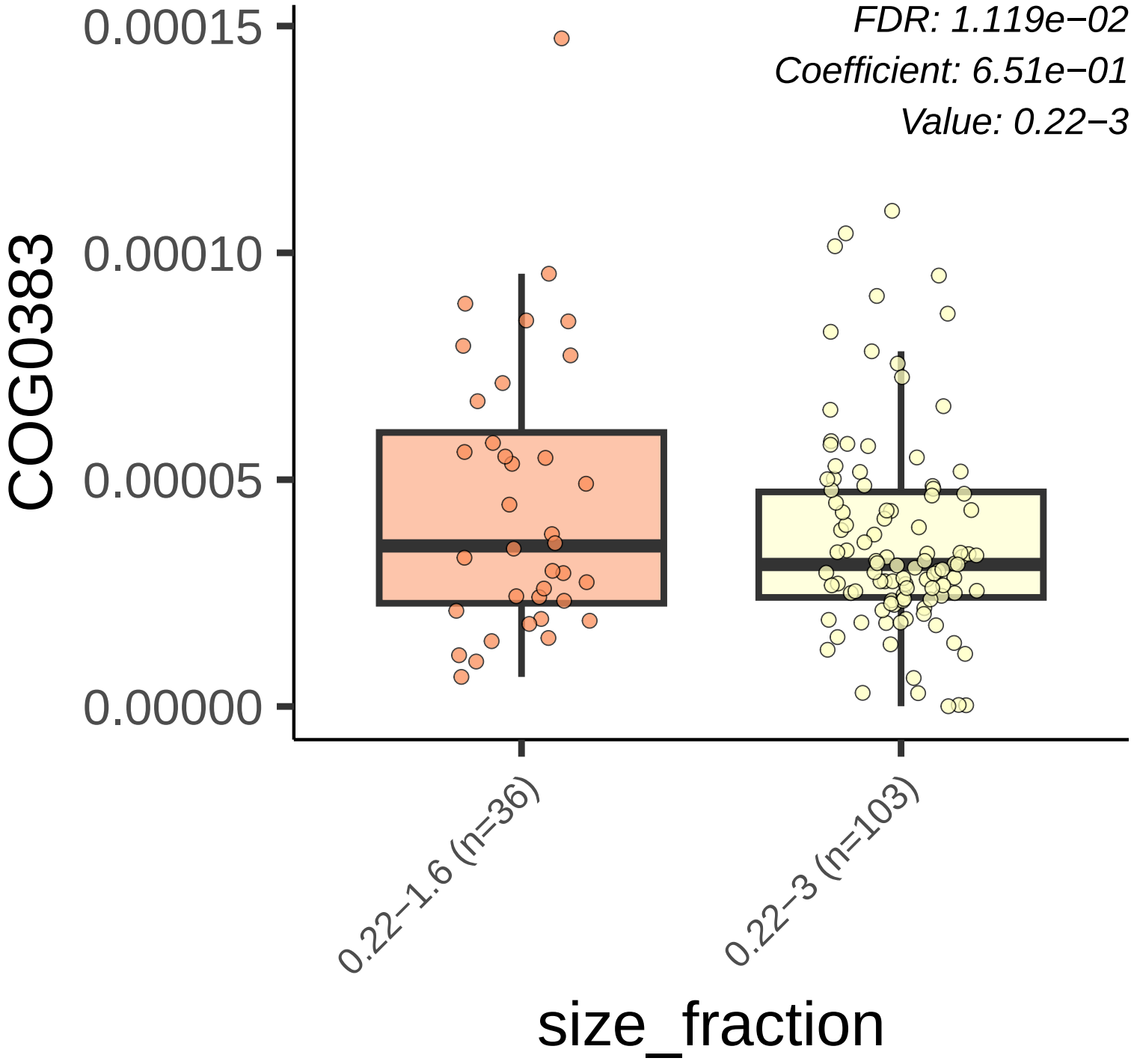

FDR: 1.097e−02
Coefficient: 9.80e−01
Value: 0.22−3
COG1594
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

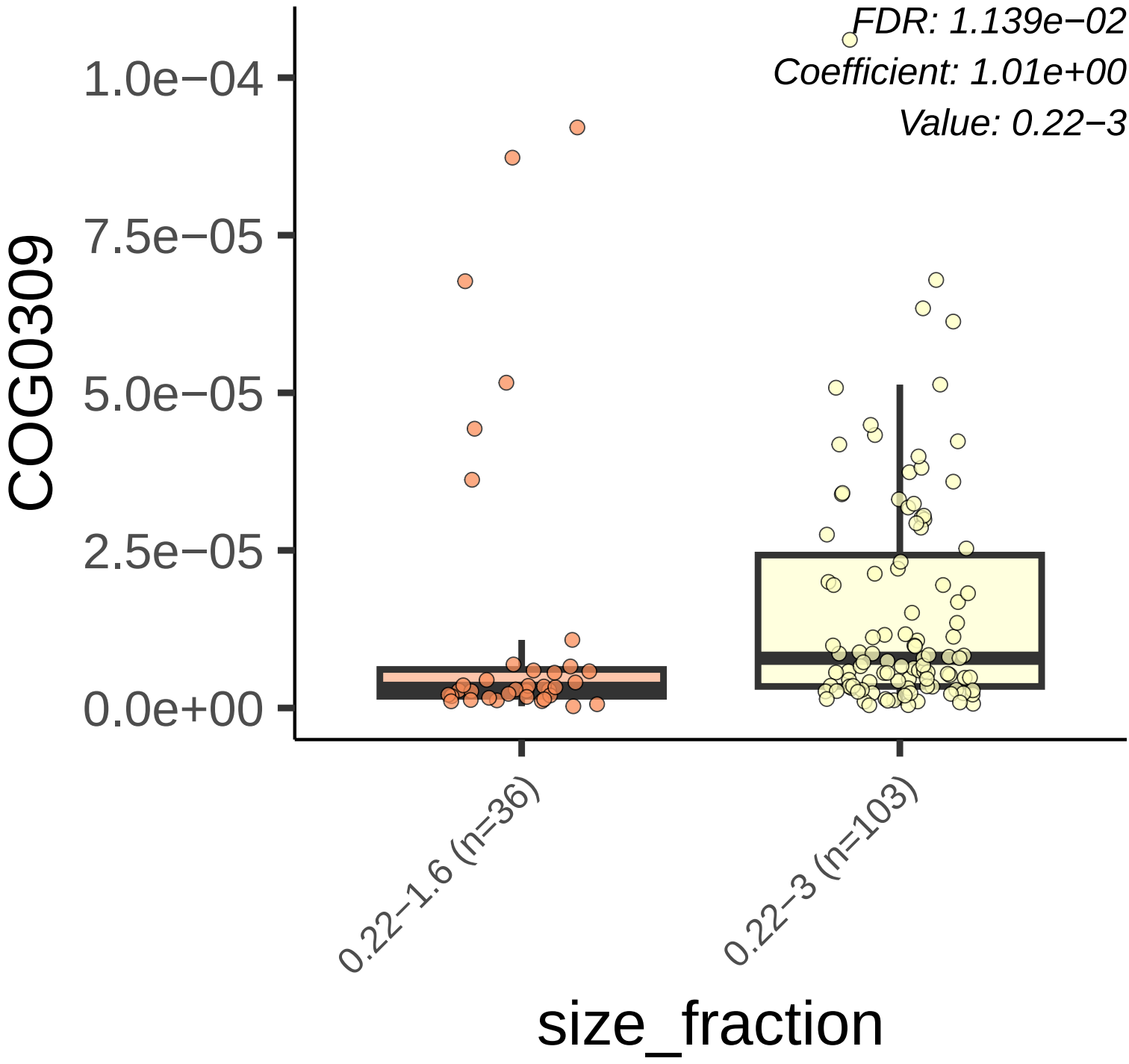

FDR: 1.097e−02
Coefficient: 9.10e−01
Value: 0.22−3
COG1632
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

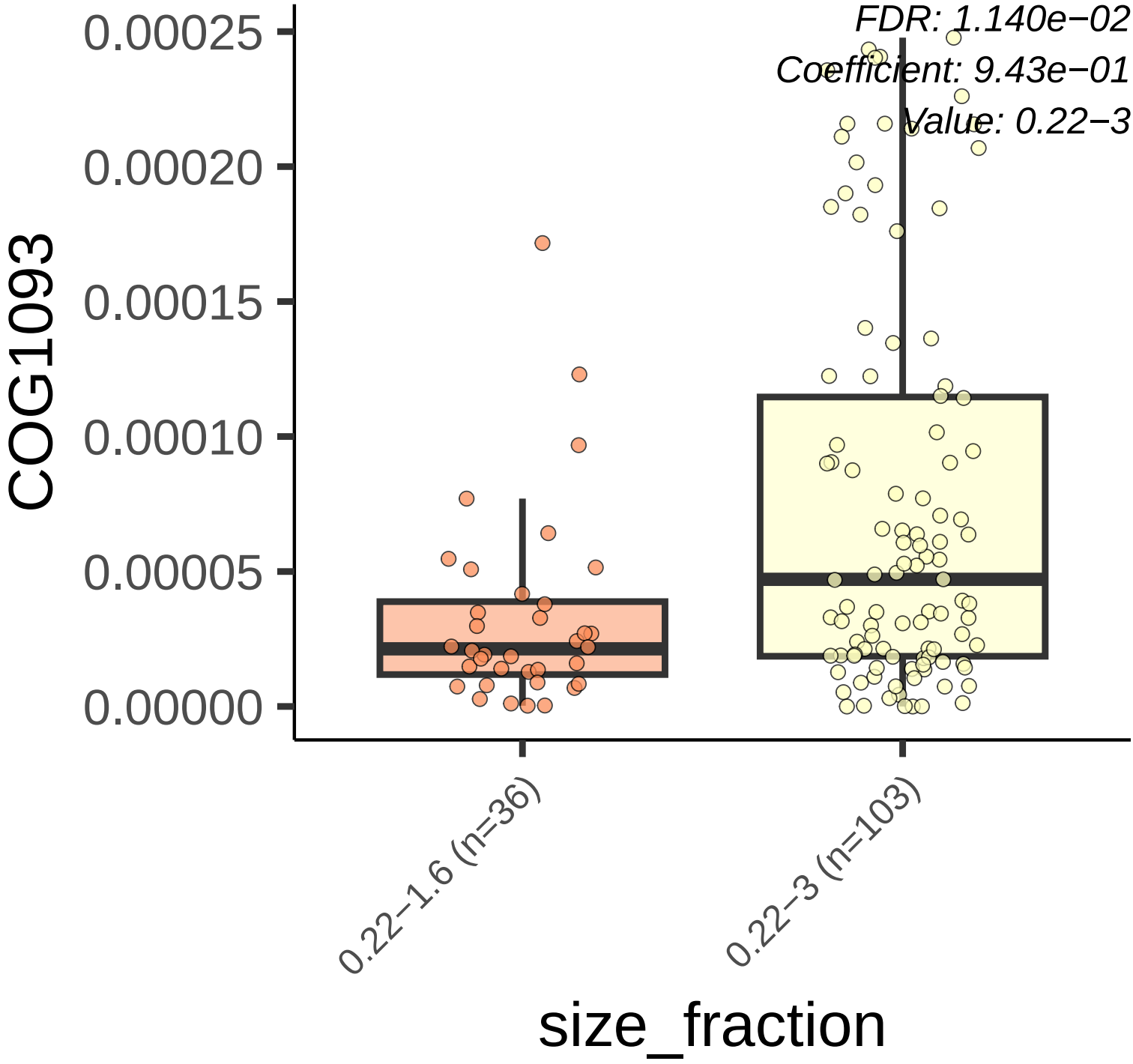

FDR: 1.102e−02
Coefficient: 9.30e−01
Value: 0.22−3
COG1303
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

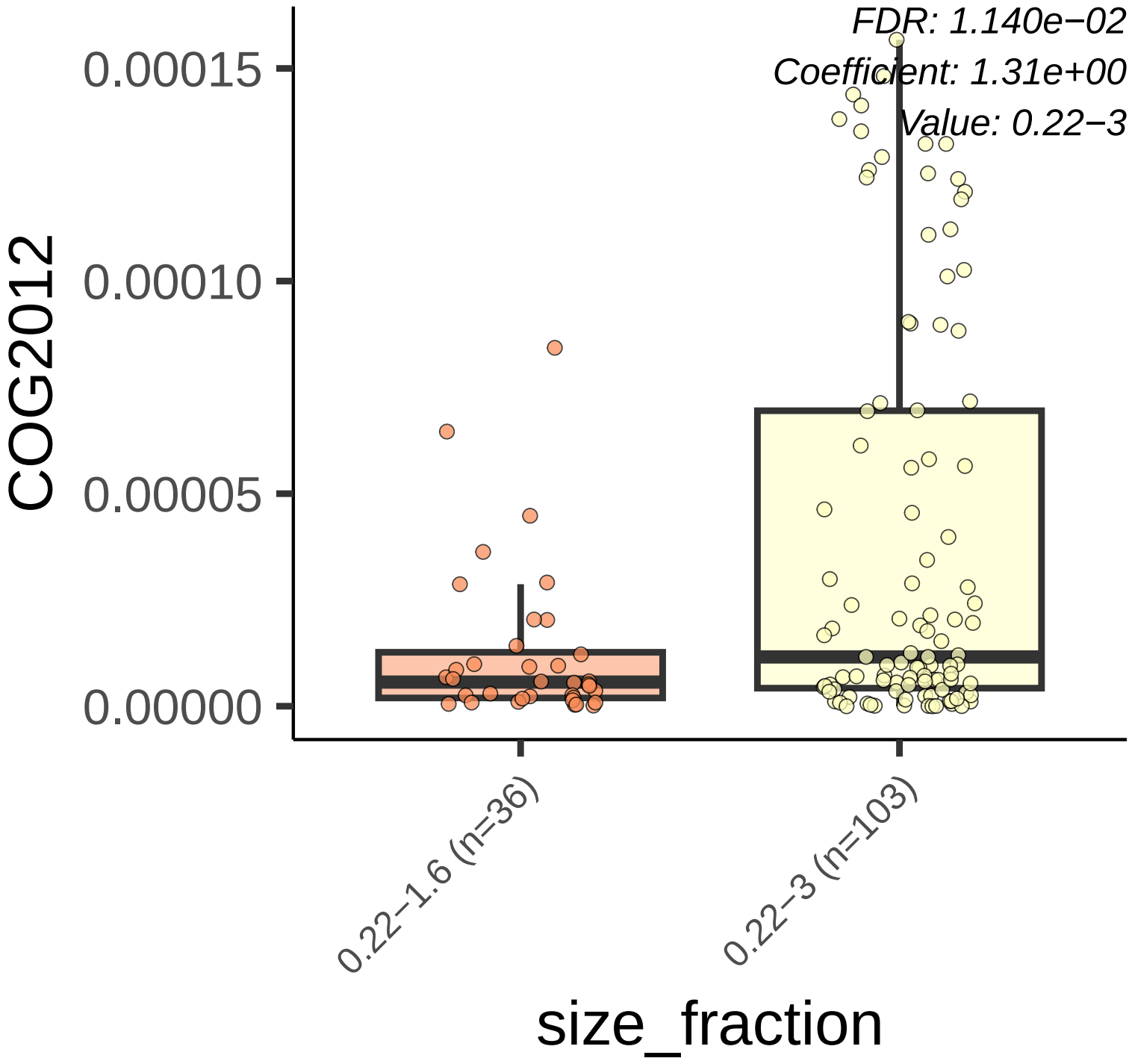

FDR: 1.109e−02
Coefficient: 2.44e+00
Value: 0.22−3
COG1711
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

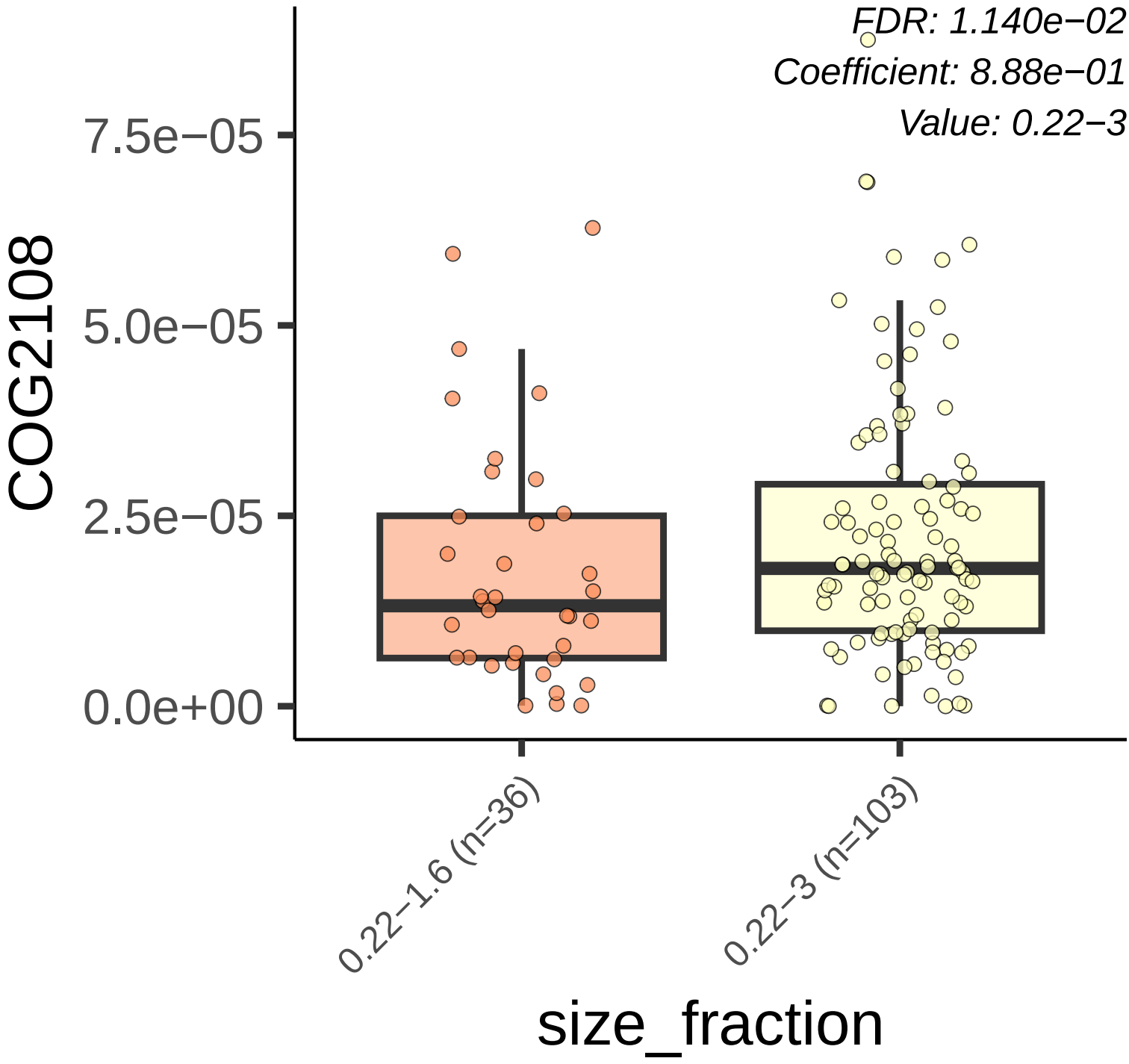

FDR: 1.114e−02
Coefficient: 3.19e+00
Value: 0.22−3
COG2380
4e−06
3e−06
2e−06
1e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

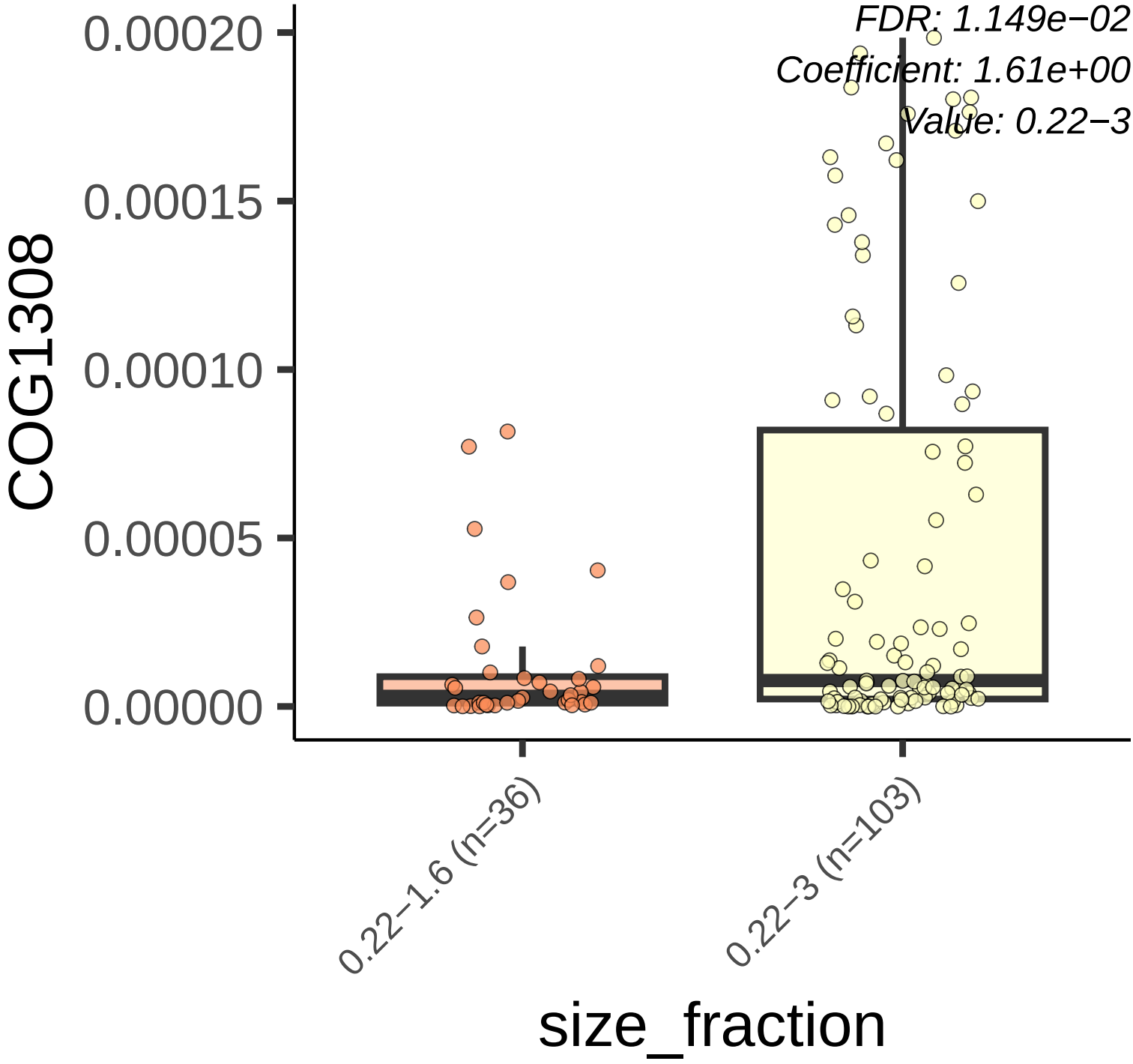

FDR: 1.119e−02
Coefficient: 6.51e−01
Value: 0.22−3
COG0383
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

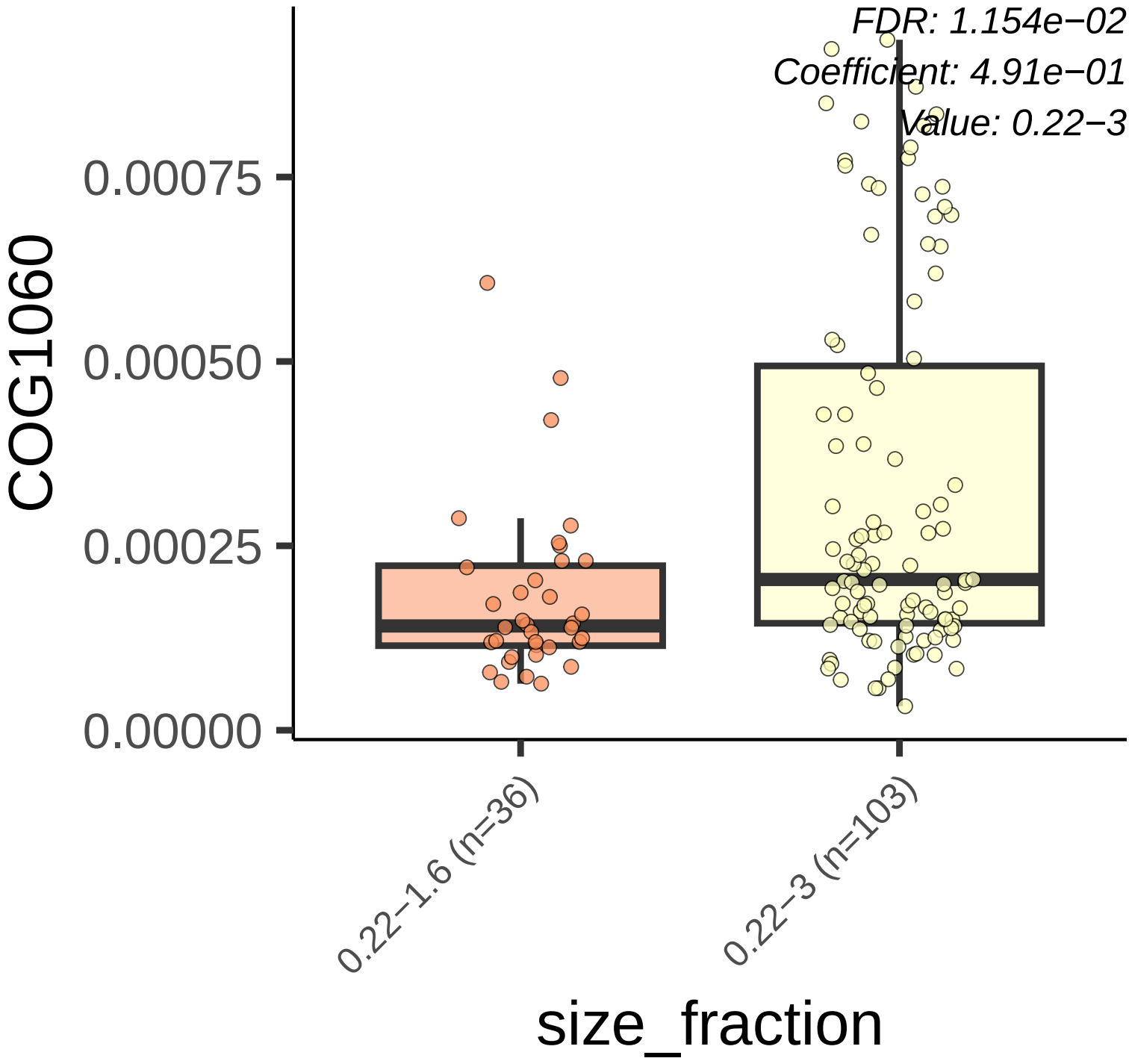

FDR: 1.139e−02
Coefficient: 1.01e+00
Value: 0.22−3
COG0309
1.0e−04
7.5e−05
5.0e−05
2.5e−05
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

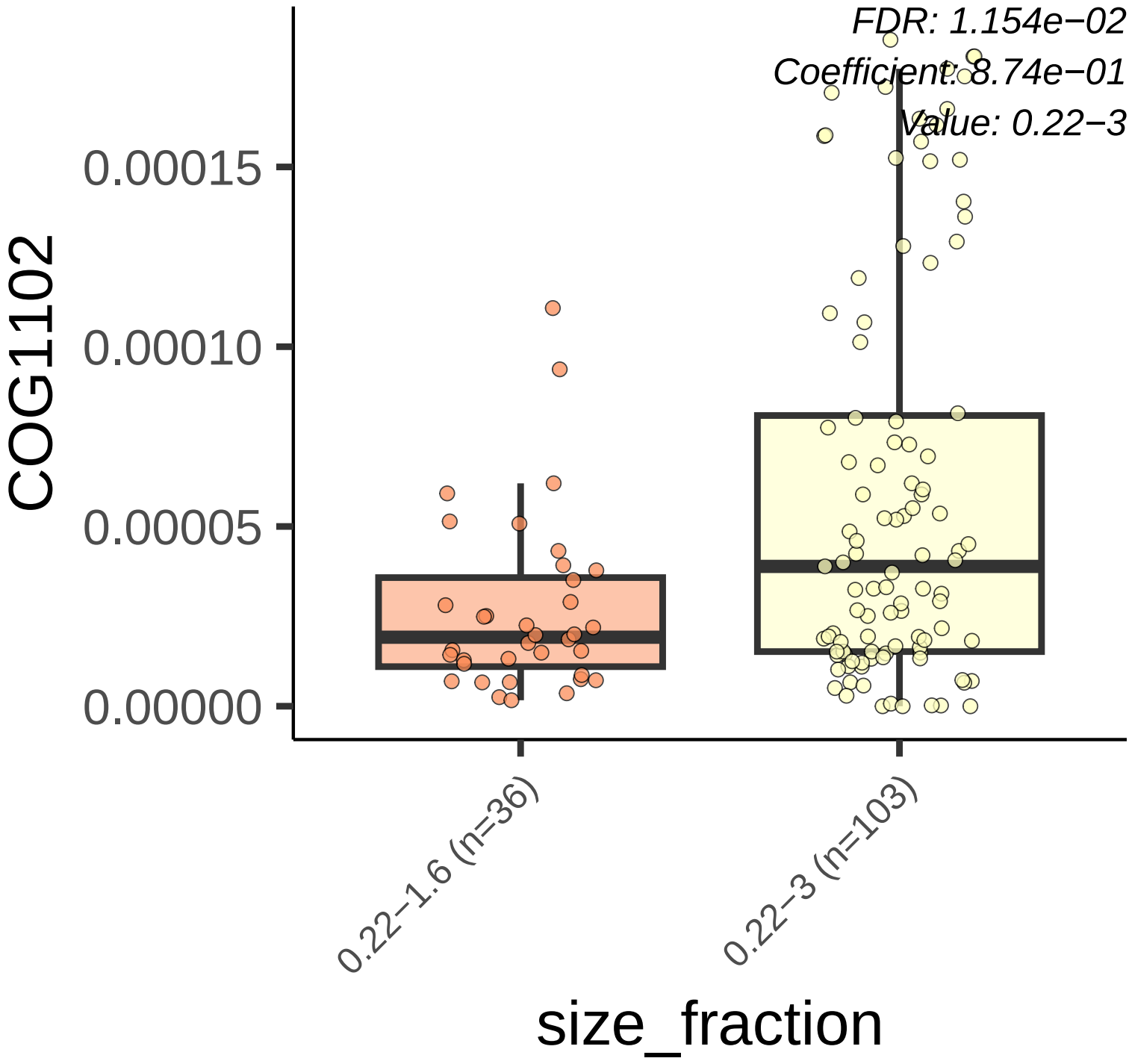

FDR: 1.140e−02
Coefficient: 9.43e−01
Value: 0.22−3
COG1093
0.00025
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

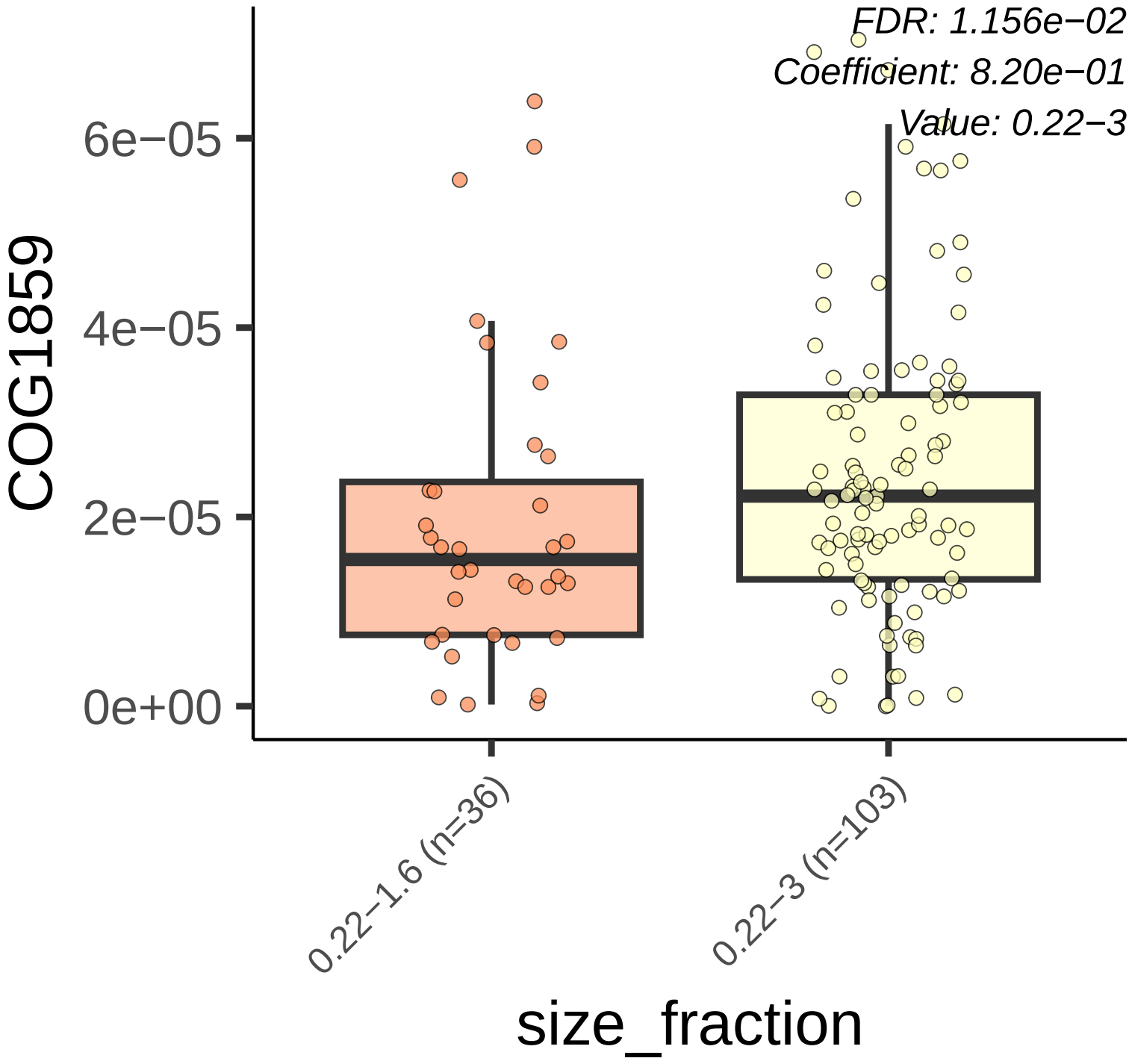

FDR: 1.140e−02
Coefficient: 1.31e+00
Value: 0.22−3
0.00015
0.00010
0.00005
0.00000
COG2012
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

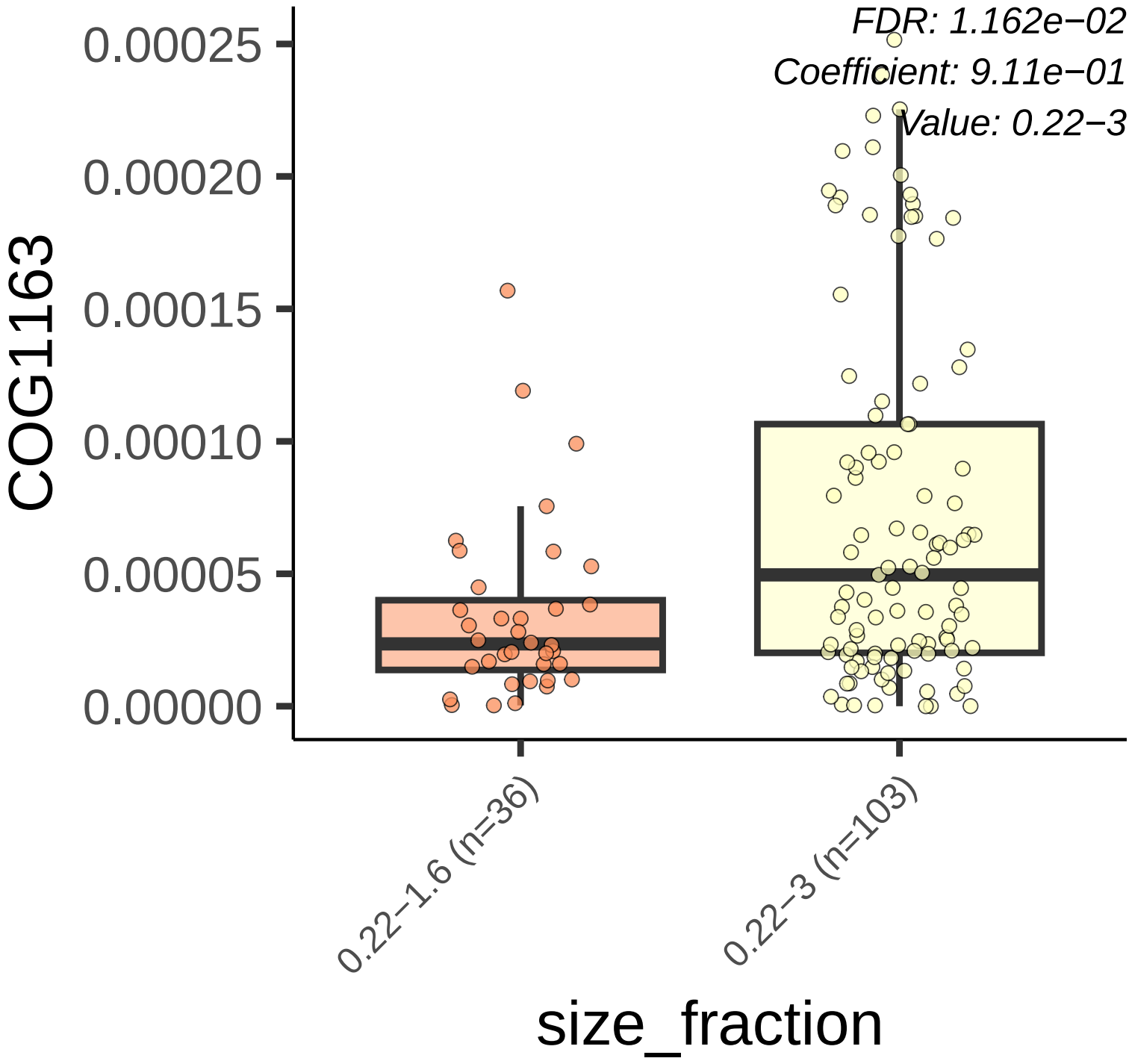

FDR: 1.140e−02
Coefficient: 8.88e−01
Value: 0.22−3
COG2108
7.5e−05
5.0e−05
2.5e−05
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

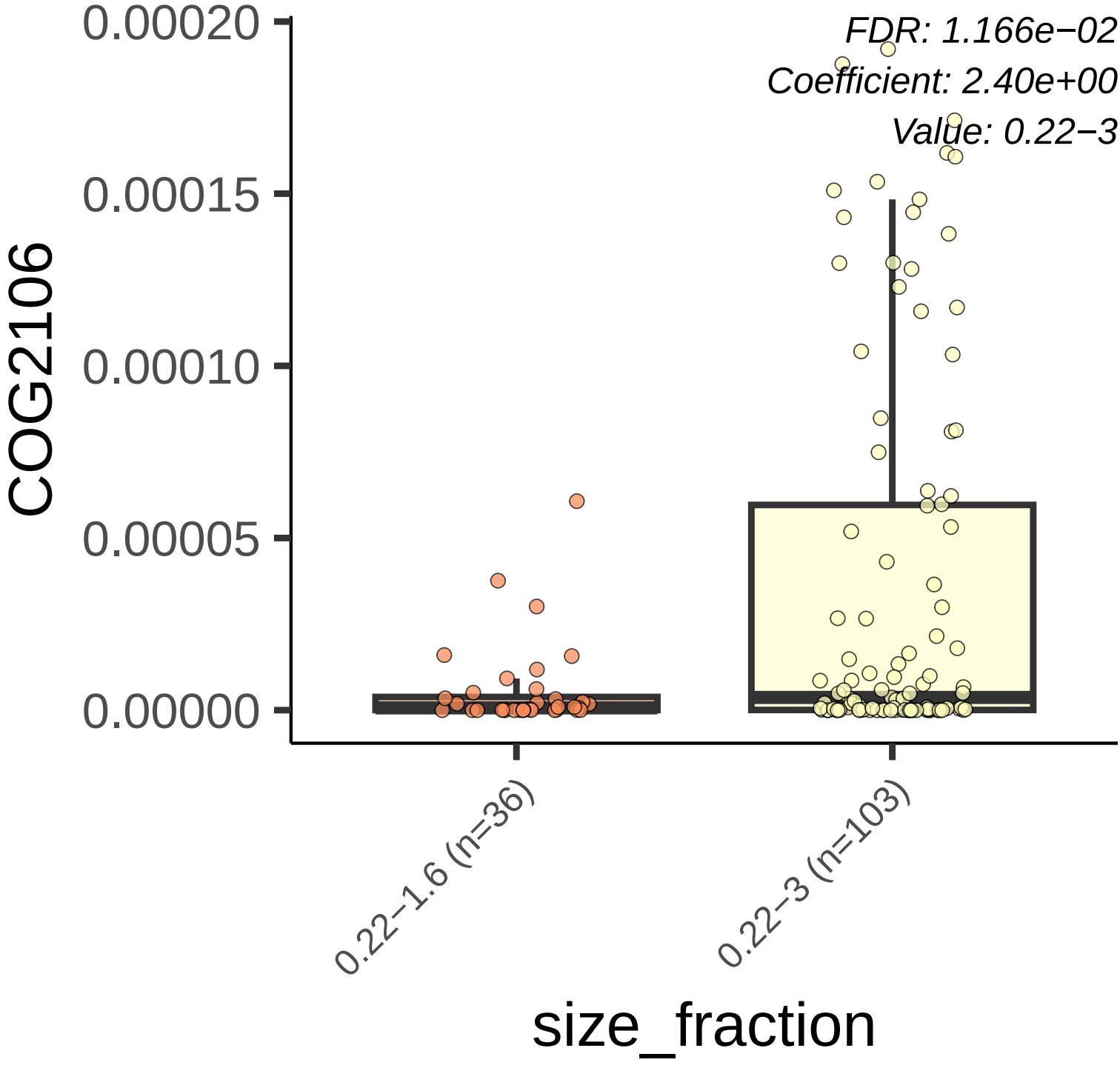

FDR: 1.149e−02
Coefficient: 1.61e+00
Value: 0.22−3
COG1308
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

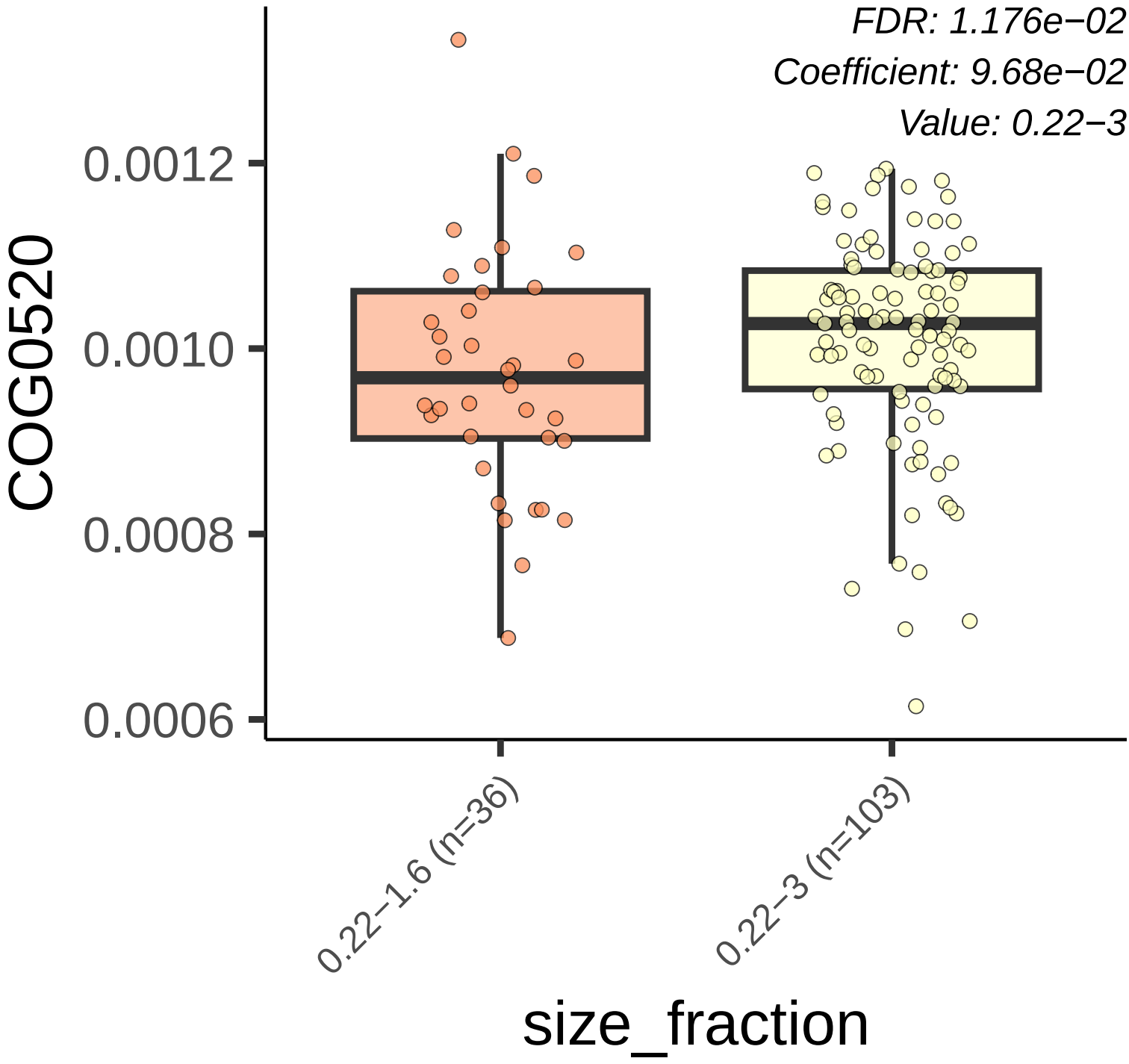

FDR: 1.154e−02
Coefficient: 4.91e−01
Value: 0.22−3
COG1060
0.00075
0.00050
0.00025
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

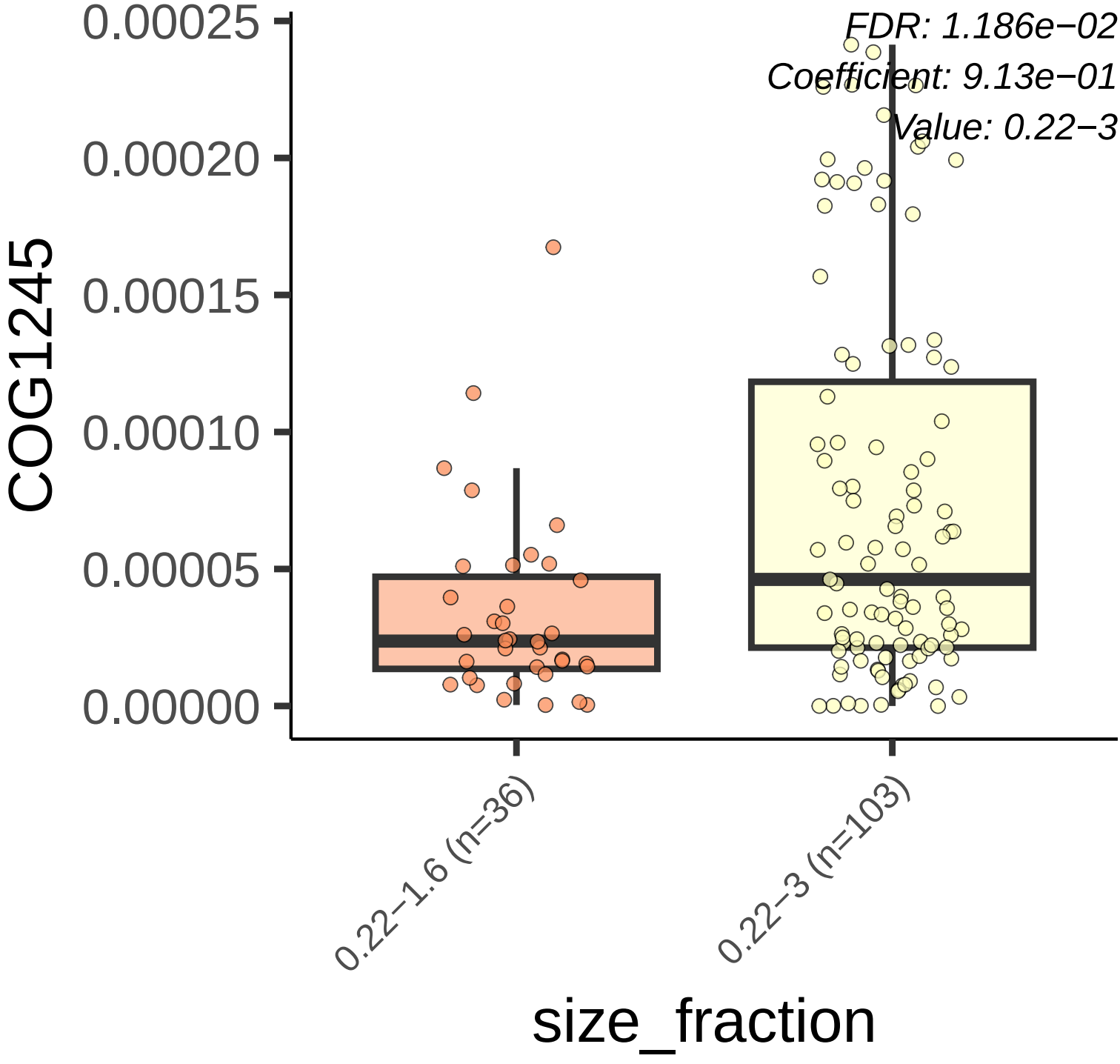

FDR: 1.154e−02
Coefficient: 8.74e−01
Value: 0.22−3
COG1102
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

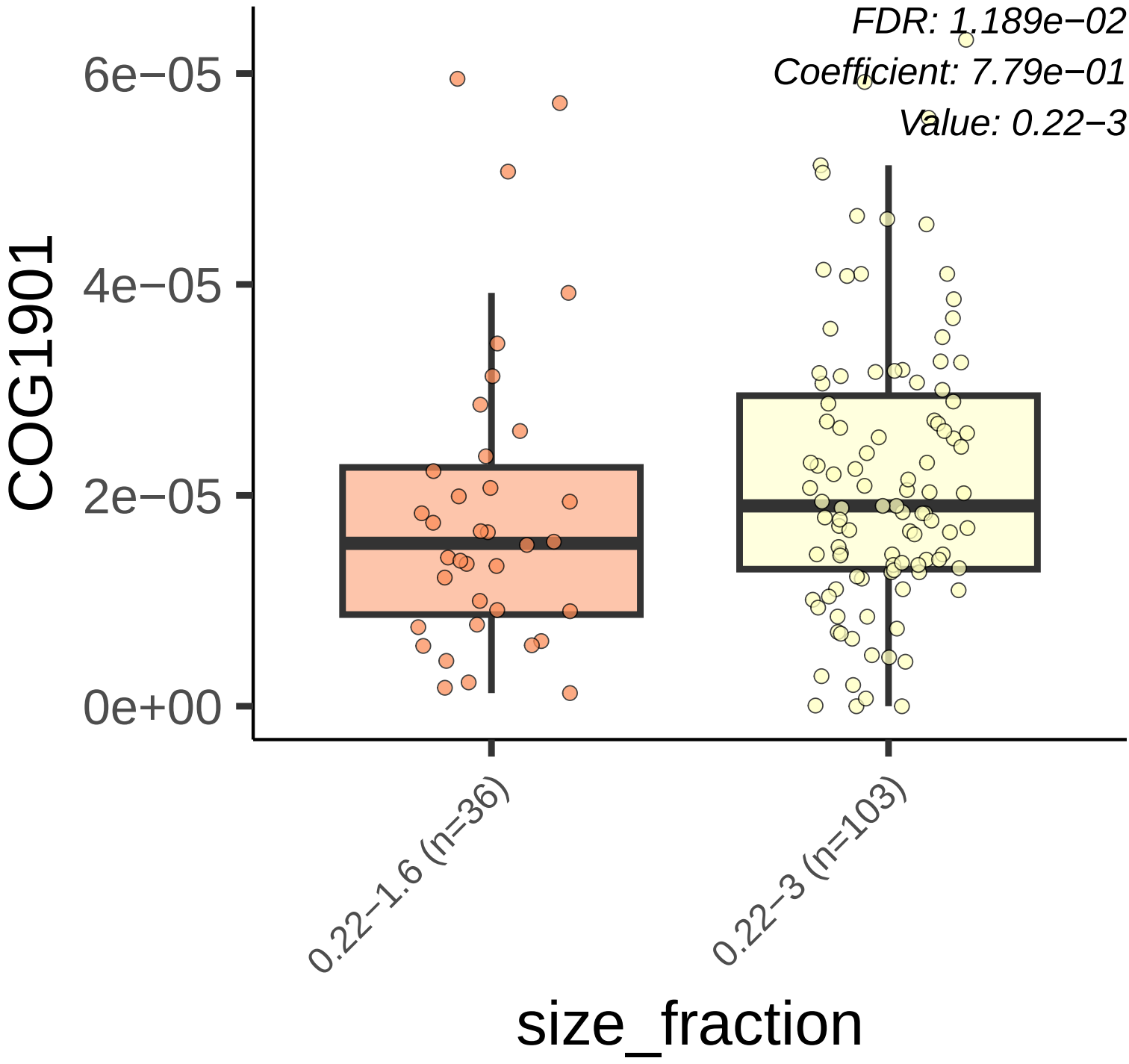

FDR: 1.156e−02
Coefficient: 8.20e−01
Value: 0.22−3
COG1859
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

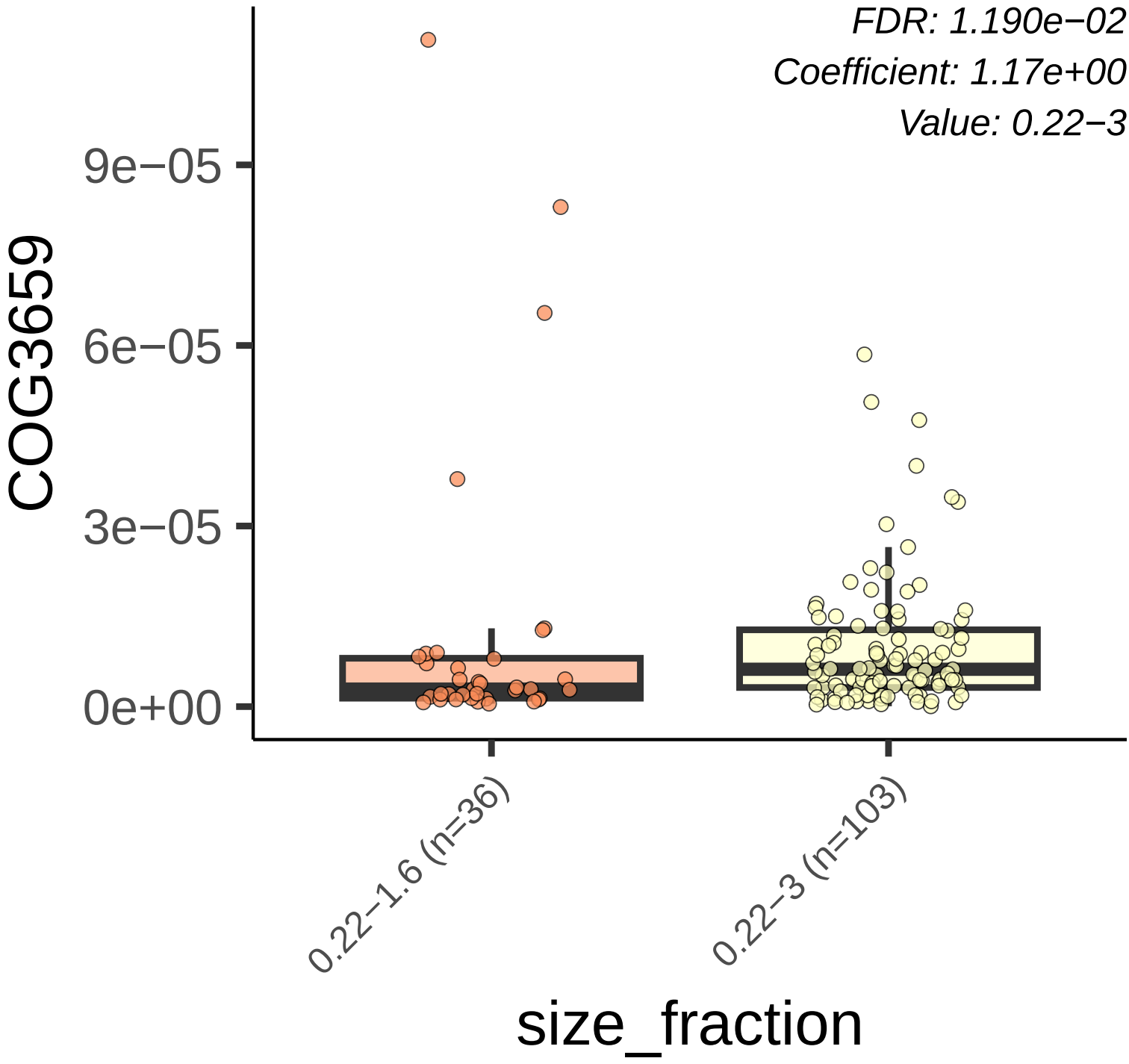

FDR: 1.162e−02
Coefficient: 9.11e−01
Value: 0.22−3
COG1163
0.00025
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

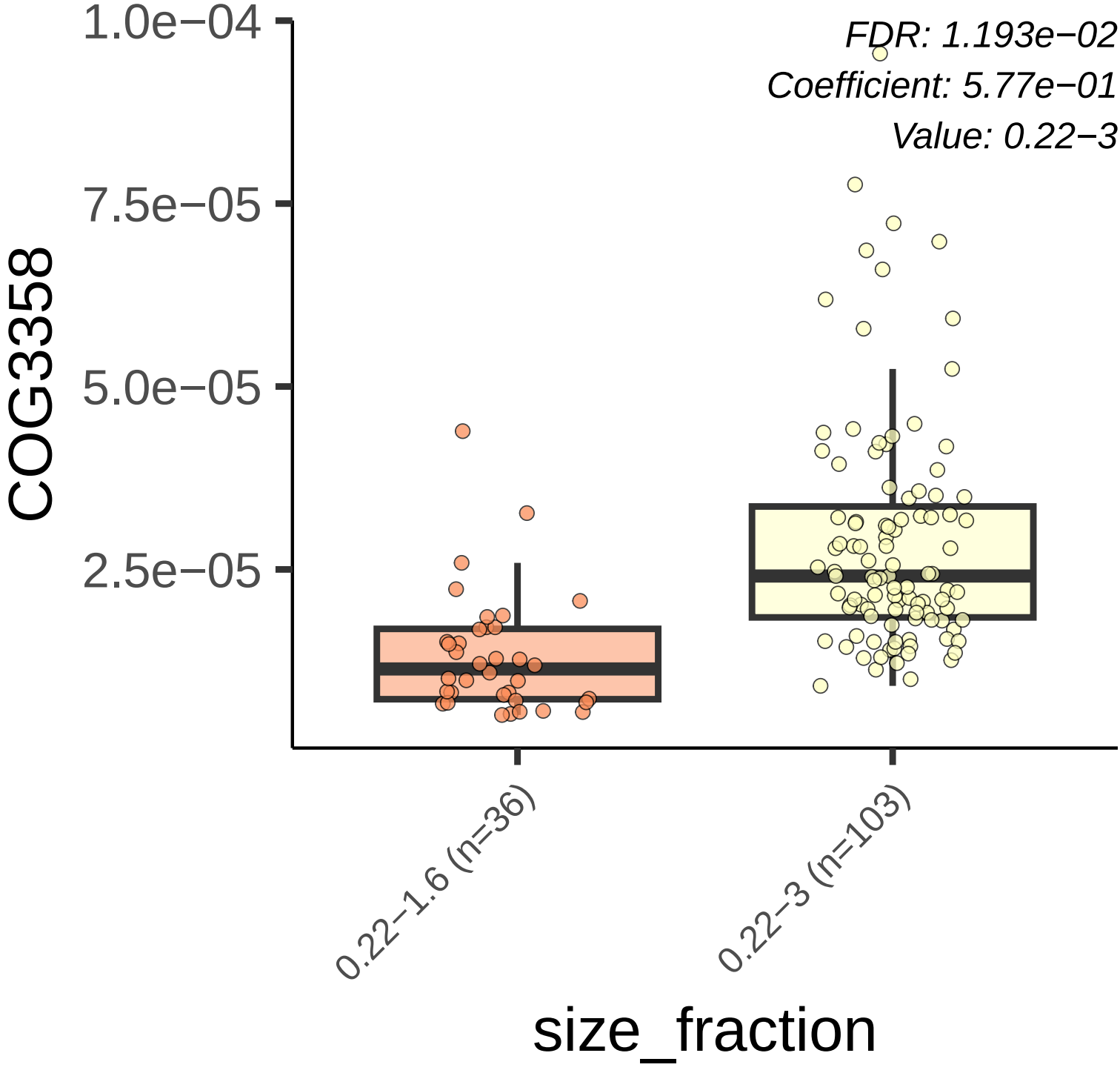

FDR: 1.166e−02
Coefficient: 2.40e+00
Value: 0.22−3
COG2106
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

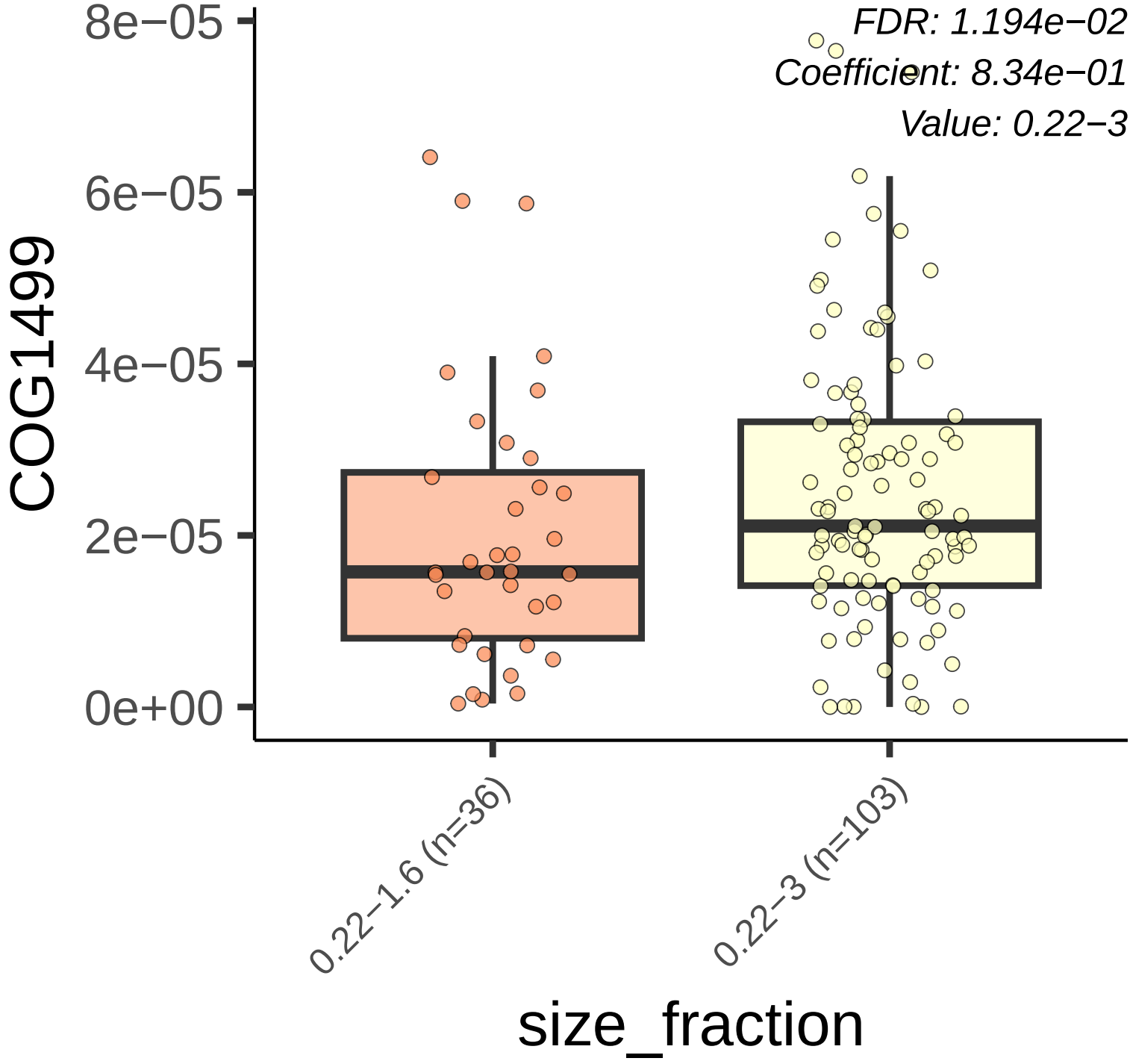

FDR: 1.176e−02
Coefficient: 9.68e−02
Value: 0.22−3
COG0520
0.0012
0.0010
0.0008
0.0006
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

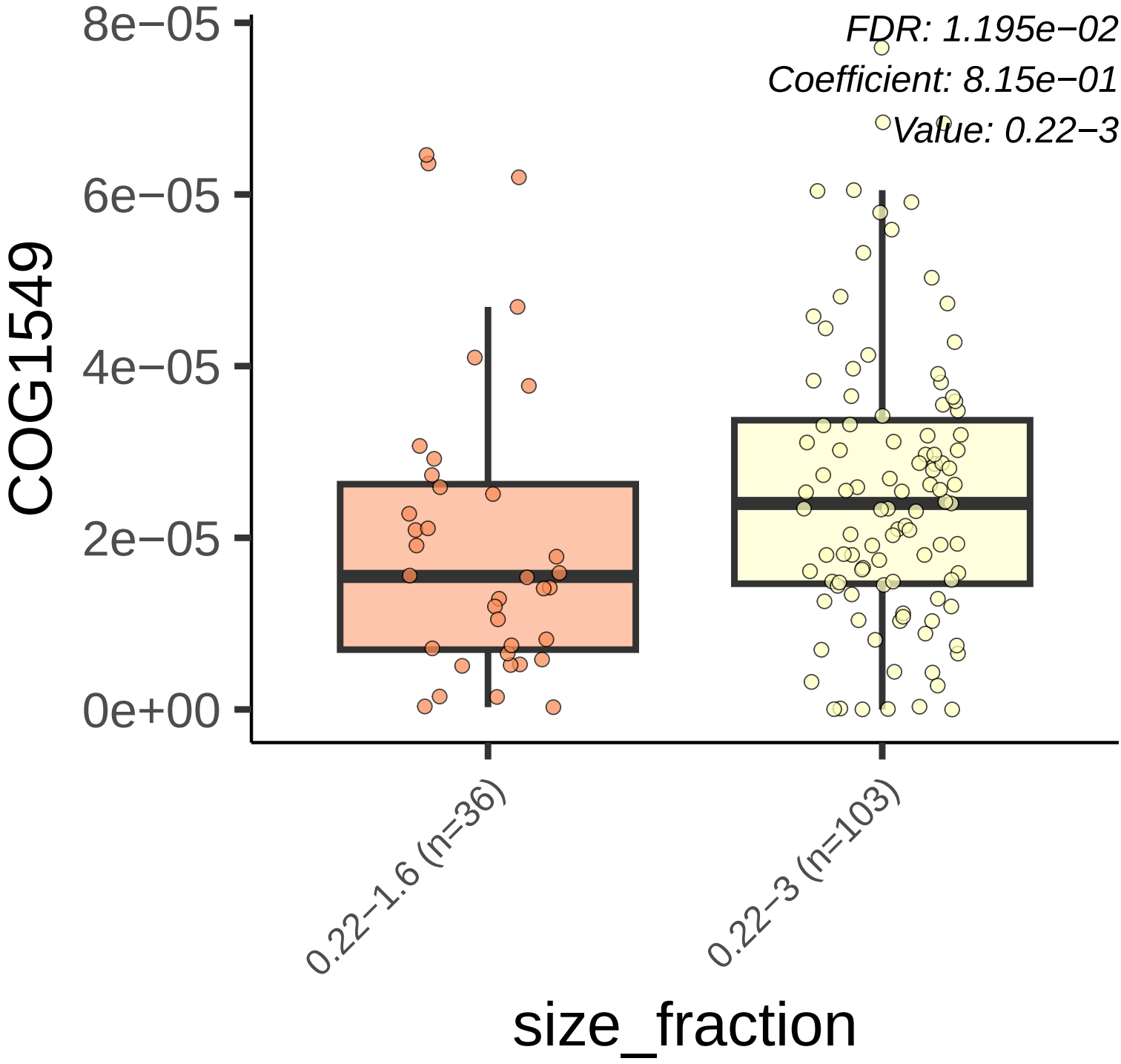

FDR: 1.186e−02
Coefficient: 9.13e−01
Value: 0.22−3
COG1245
0.00025
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

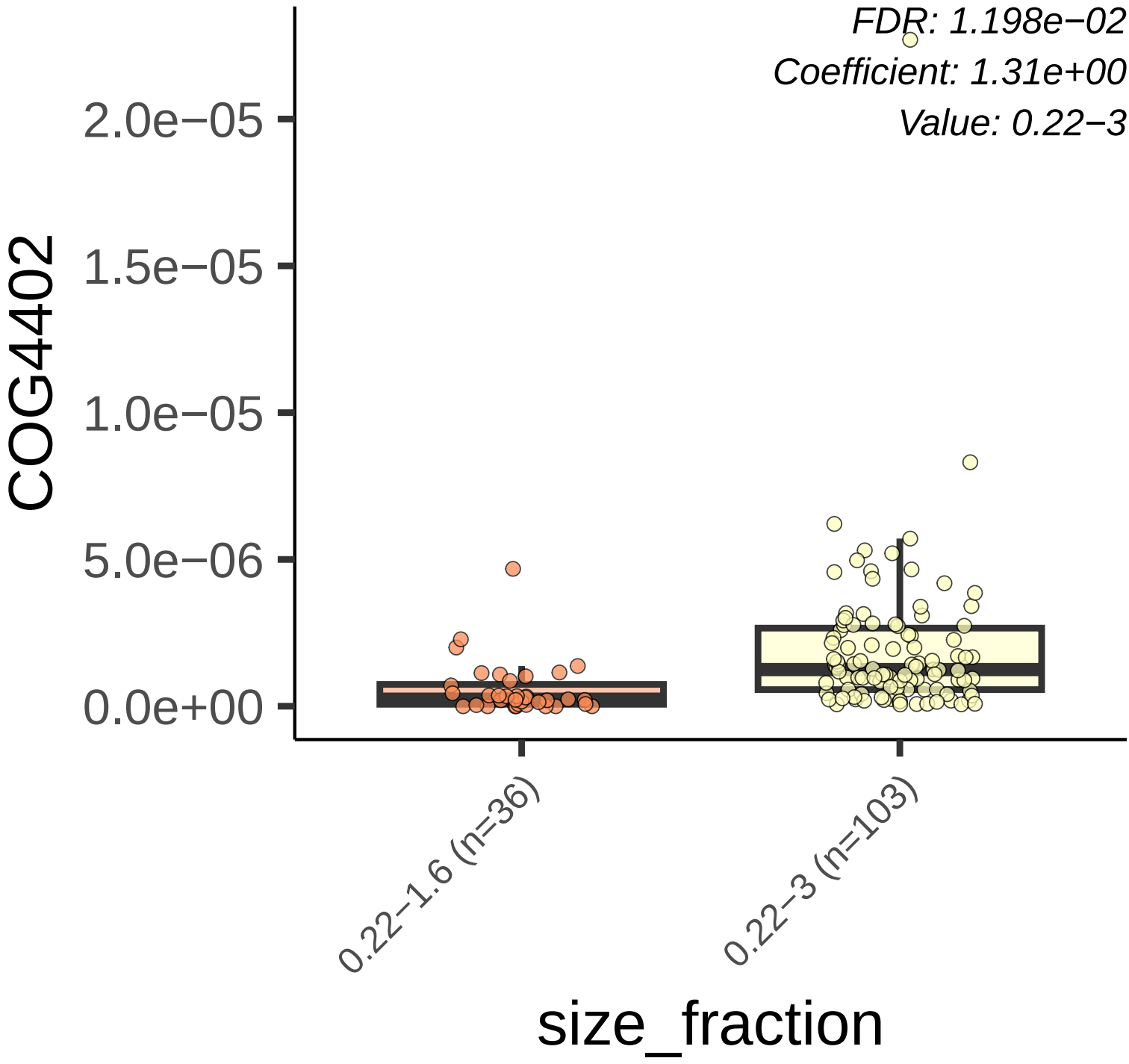

FDR: 1.189e−02
Coefficient: 7.79e−01
Value: 0.22−3
COG1901
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

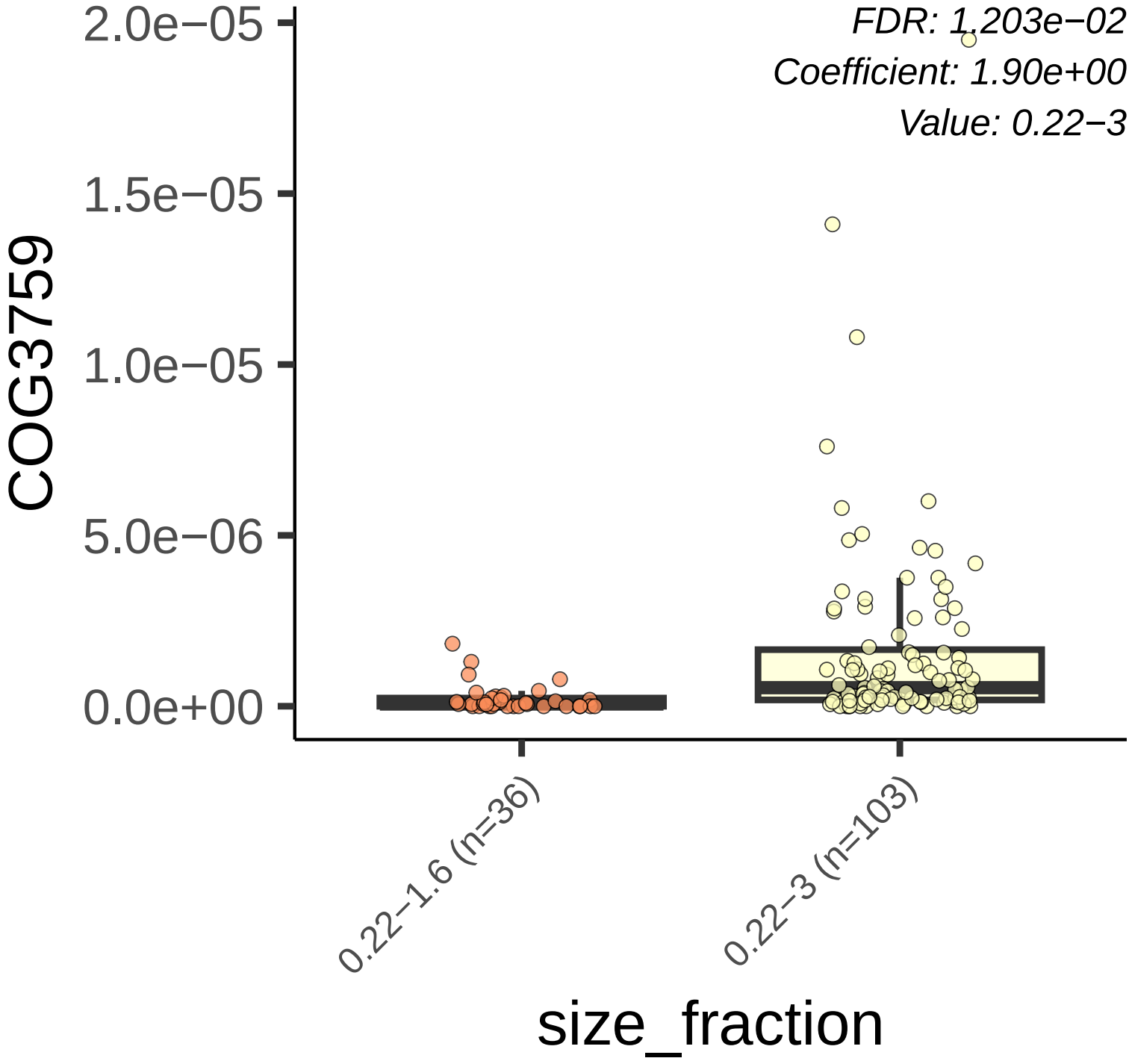

FDR: 1.190e−02
Coefficient: 1.17e+00
Value: 0.22−3
COG3659
9e−05
6e−05
3e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

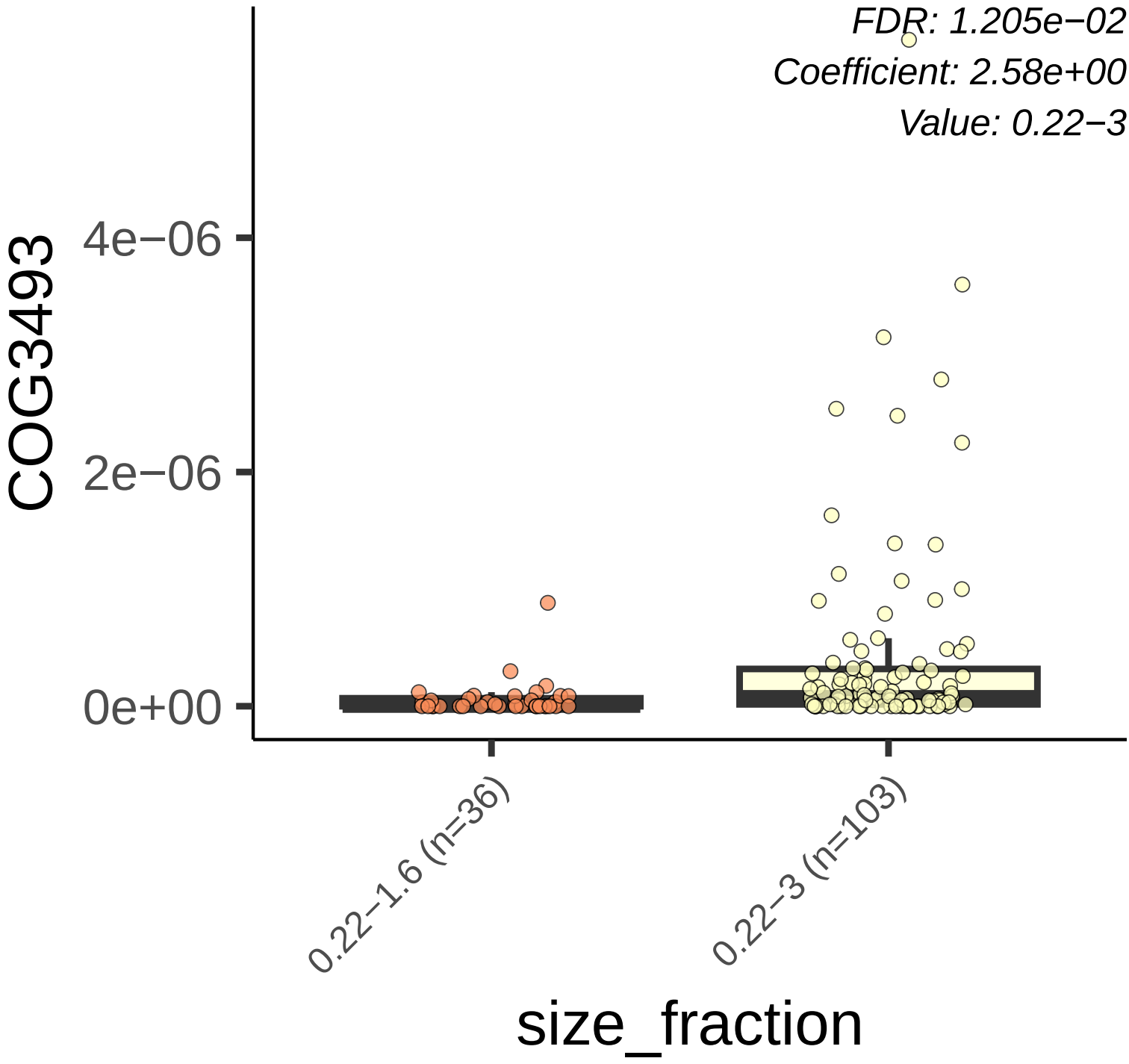

FDR: 1.193e−02
Coefficient: 5.77e−01
Value: 0.22−3
1.0e−04
7.5e−05
5.0e−05
2.5e−05
COG3358
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

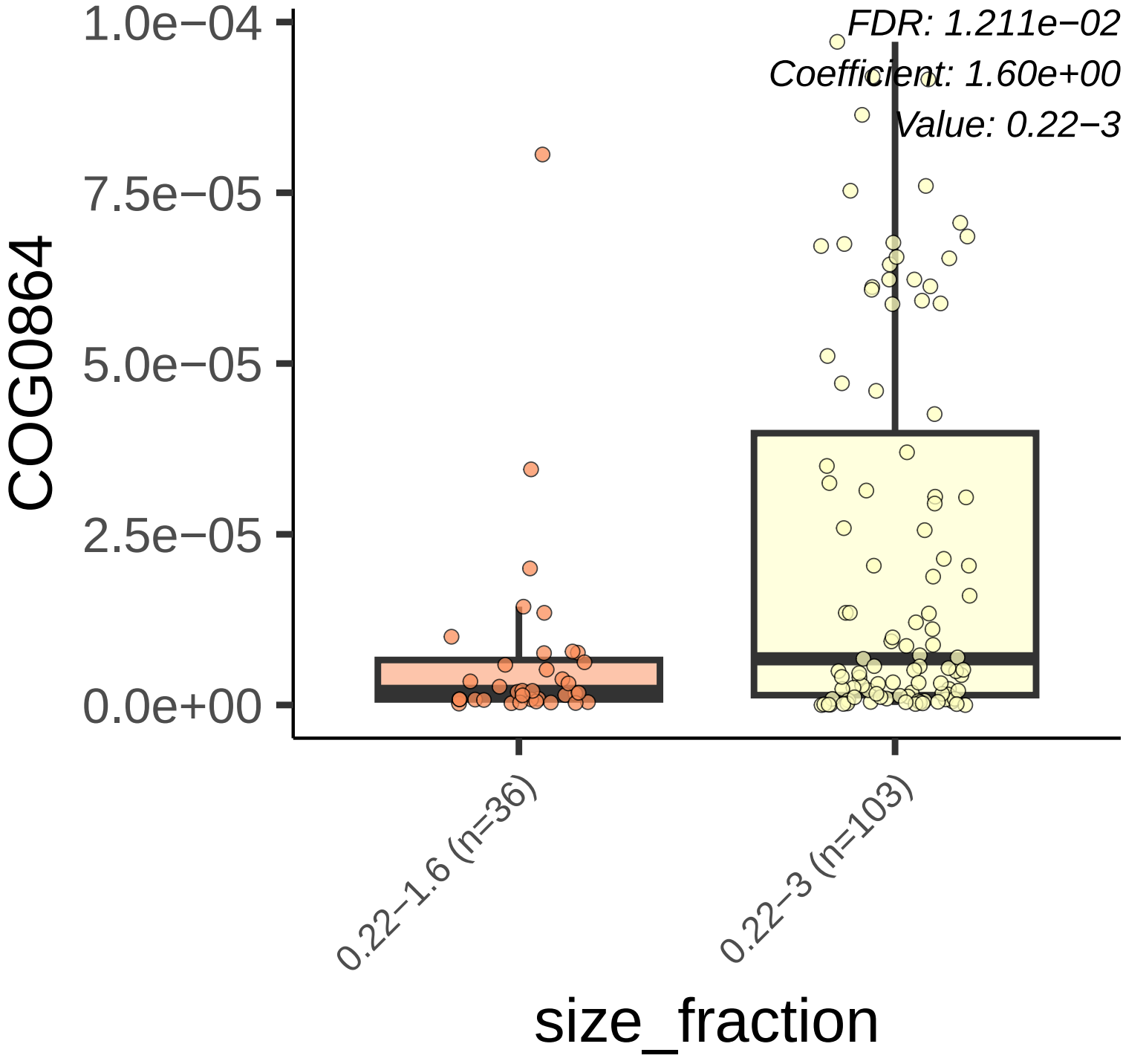

FDR: 1.194e−02
Coefficient: 8.34e−01
Value: 0.22−3
COG1499
8e−05
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

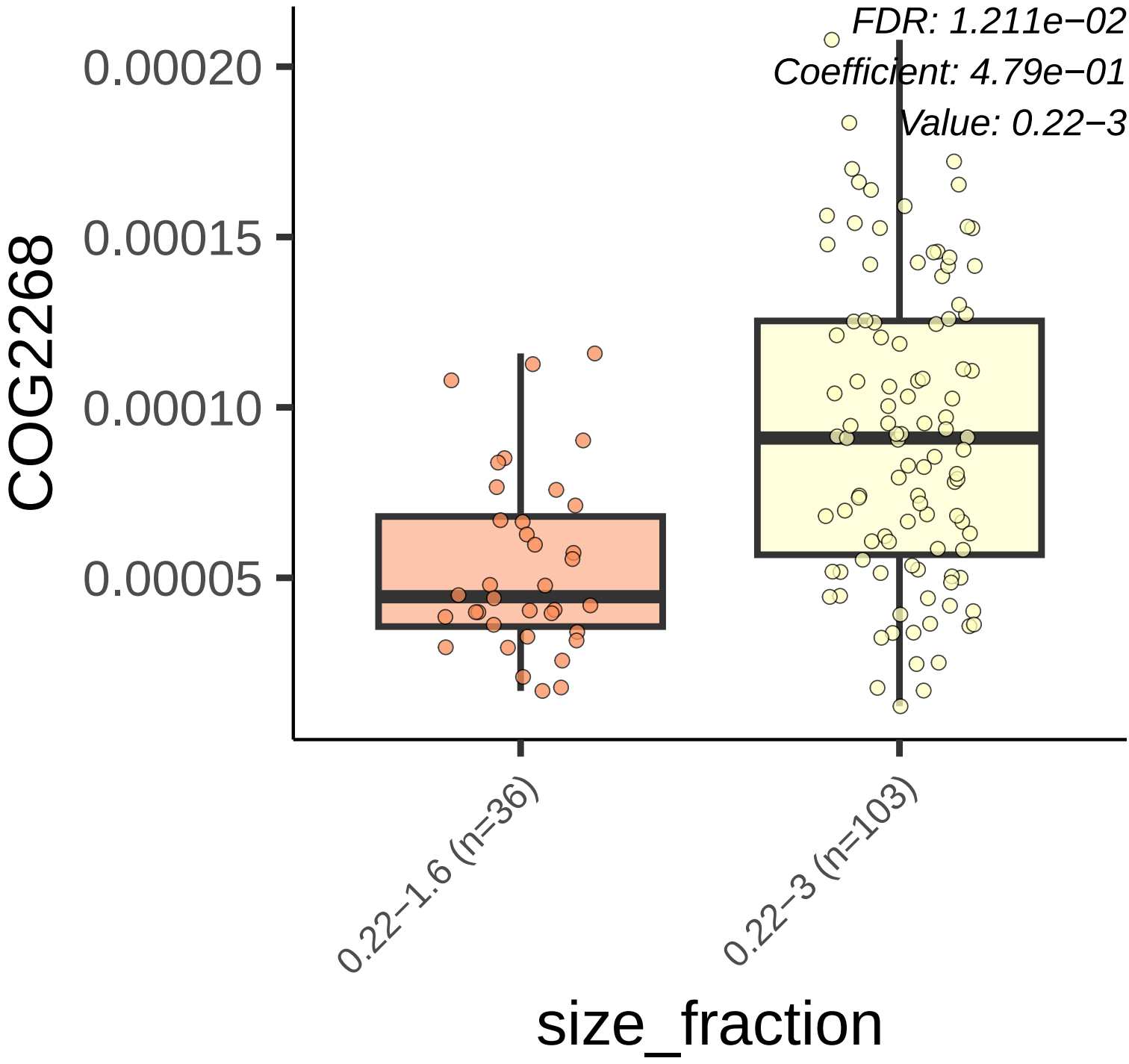

FDR: 1.195e−02
Coefficient: 8.15e−01
Value: 0.22−3
COG1549
8e−05
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

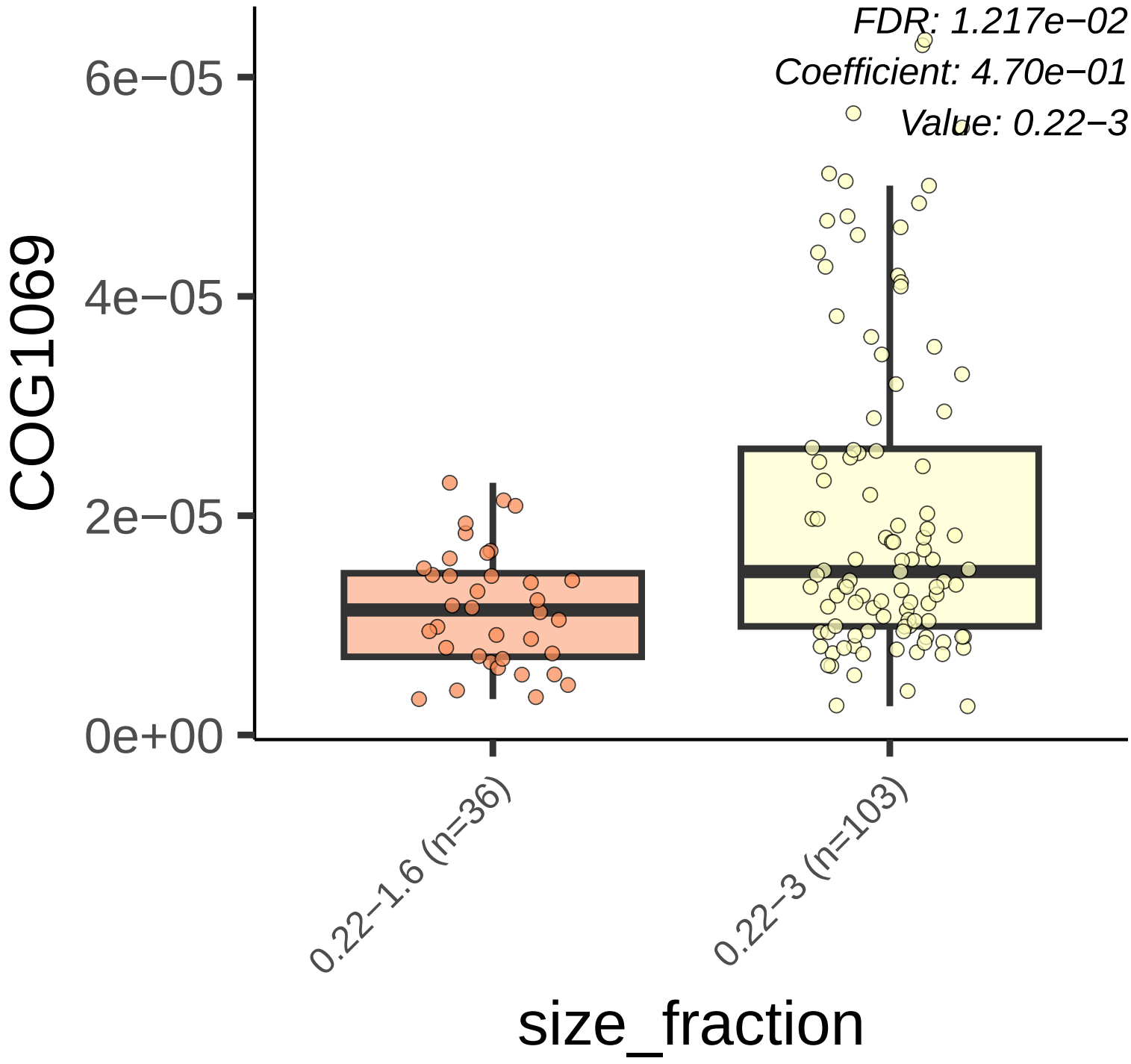

FDR: 1.198e−02
Coefficient: 1.31e+00
Value: 0.22−3
COG4402
2.0e−05
1.5e−05
1.0e−05
5.0e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

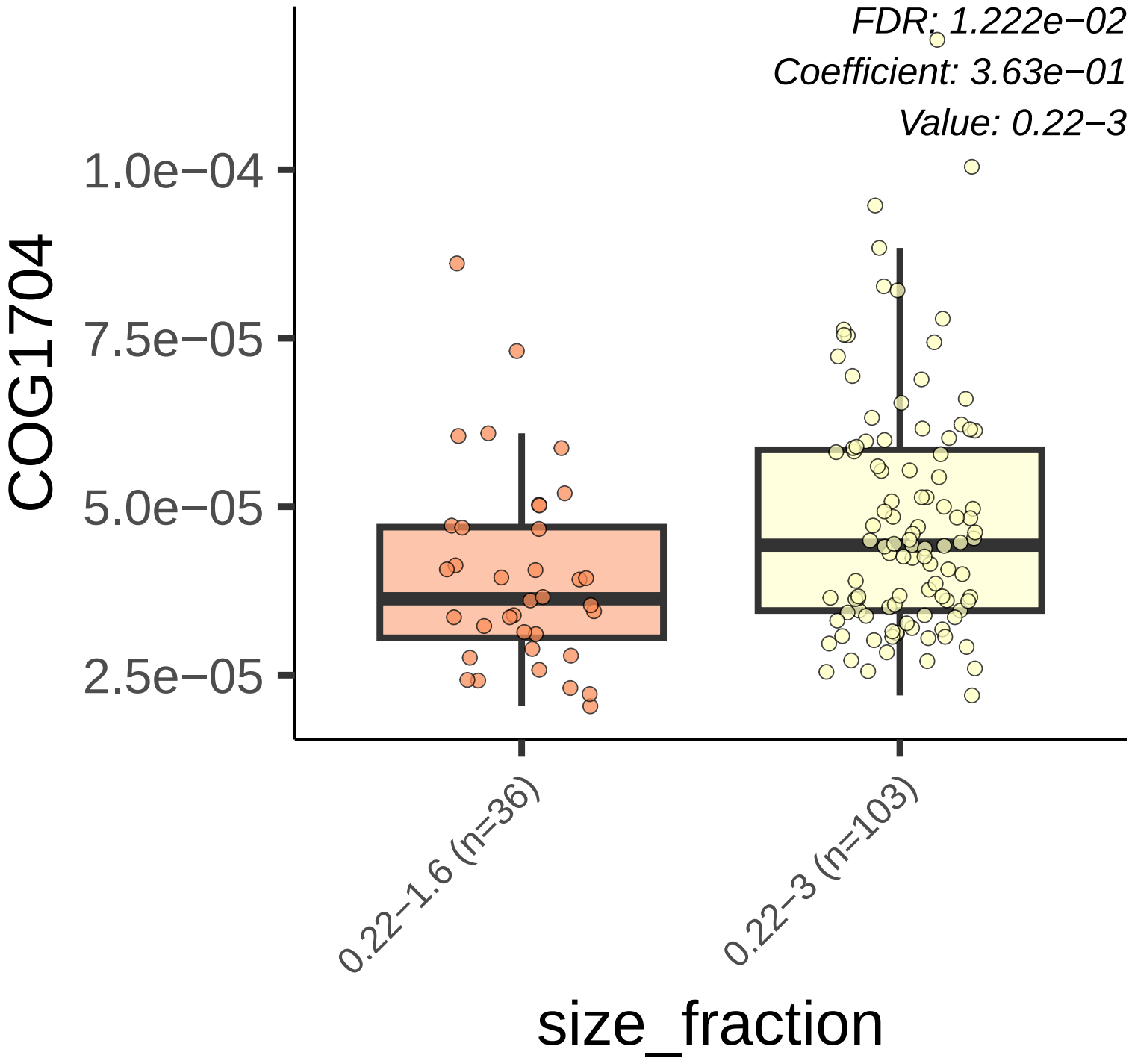

FDR: 1.203e−02
Coefficient: 1.90e+00
Value: 0.22−3
COG3759
2.0e−05
1.5e−05
1.0e−05
5.0e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

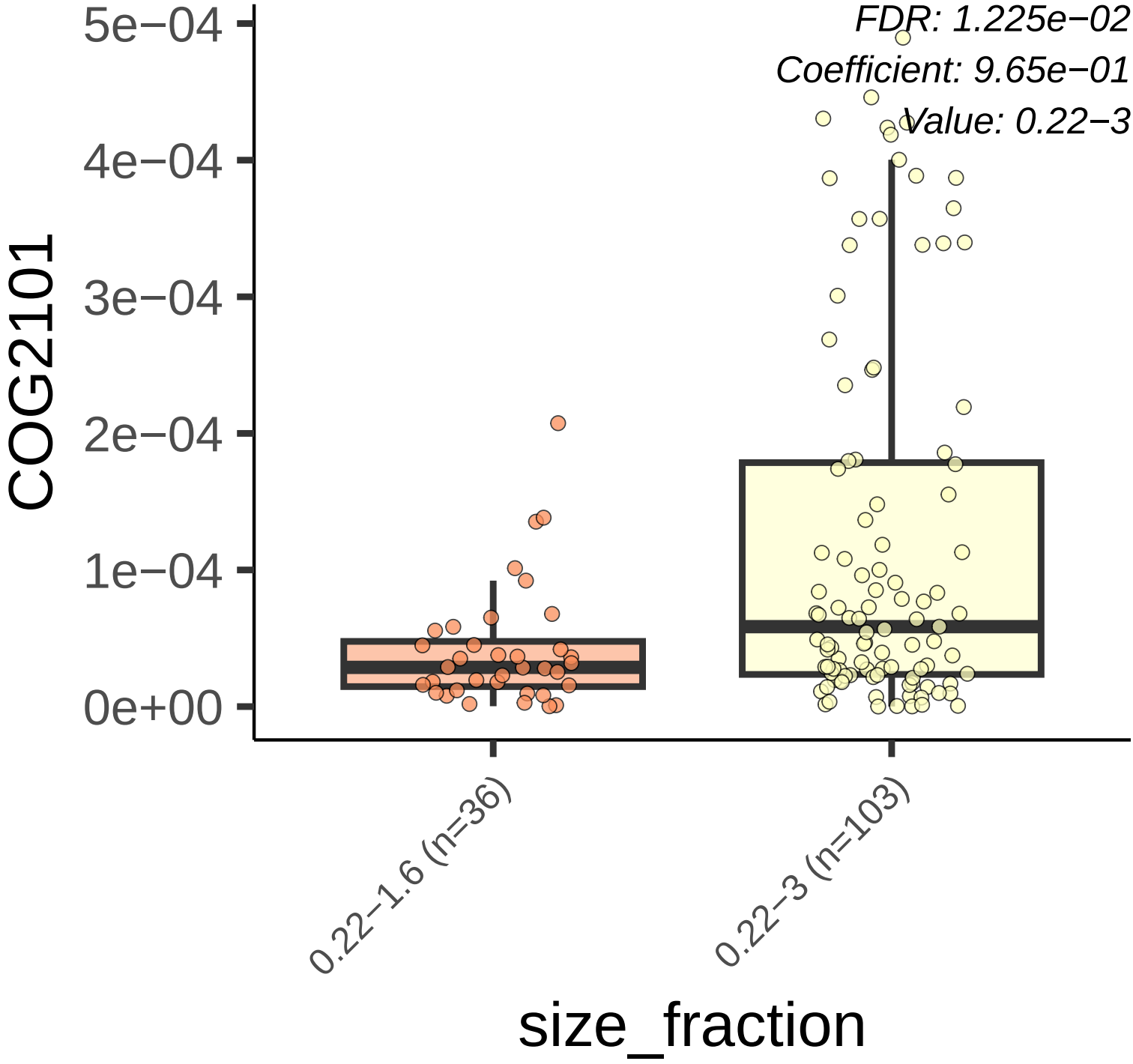

FDR: 1.205e−02
Coefficient: 2.58e+00
Value: 0.22−3
COG3493
4e−06
2e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

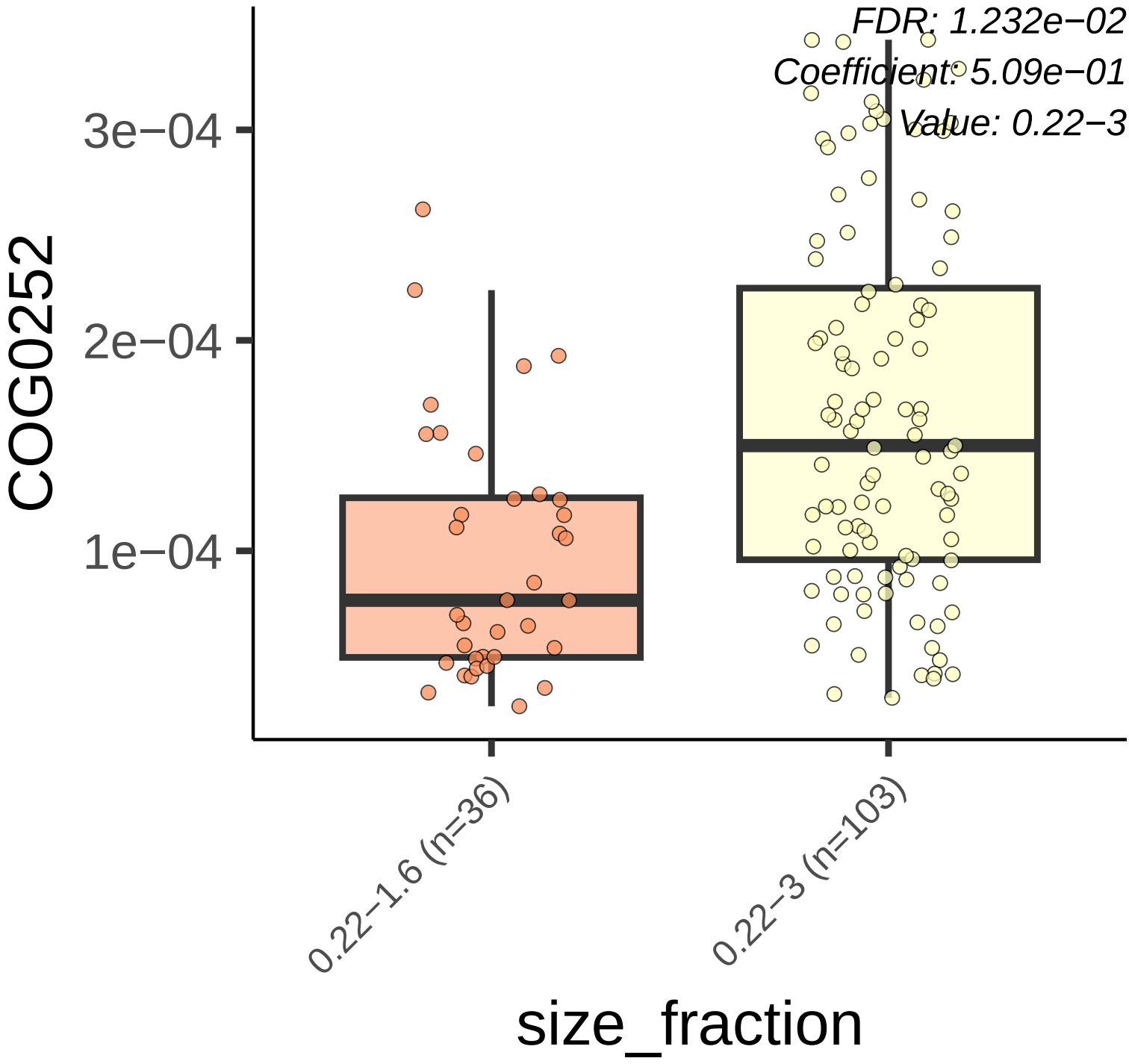

FDR: 1.211e−02
Coefficient: 1.60e+00
Value: 0.22−3
1.0e−04
7.5e−05
5.0e−05
2.5e−05
0.0e+00
COG0864
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

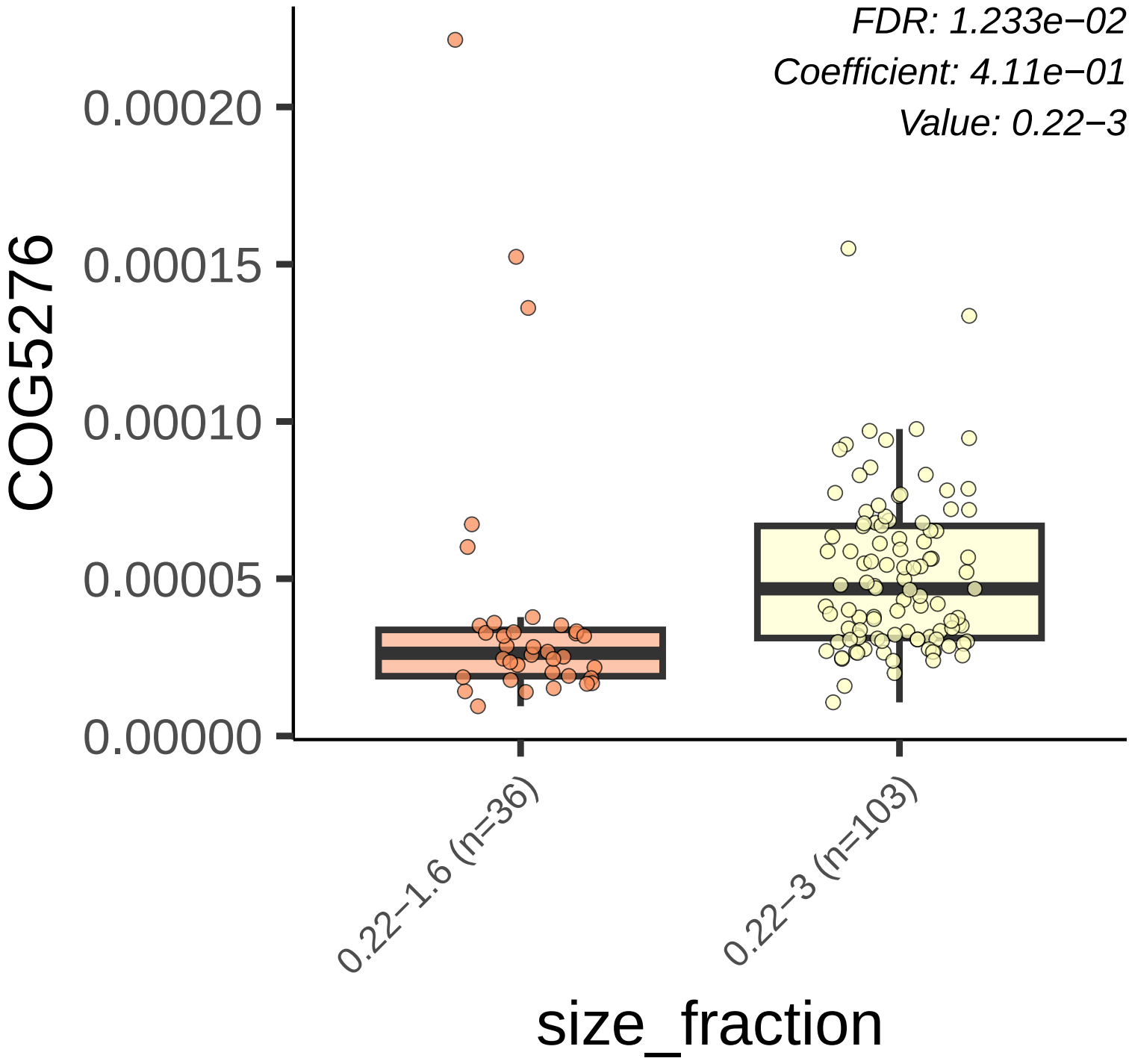

FDR: 1.211e−02
Coefficient: 4.79e−01
Value: 0.22−3
COG2268
0.00020
0.00015
0.00010
0.00005
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

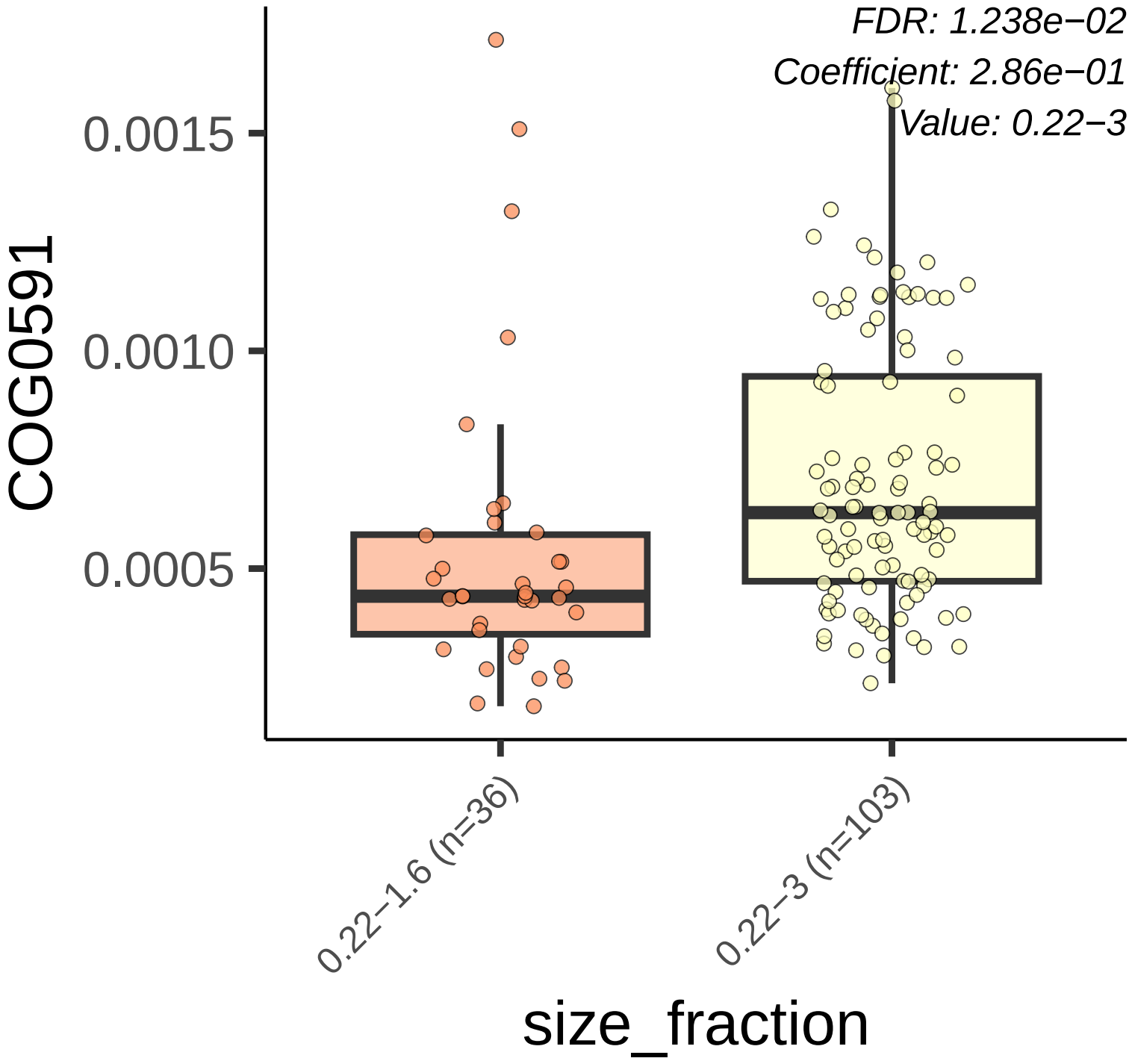

FDR: 1.217e−02
Coefficient: 4.70e−01
Value: 0.22−3
COG1069
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

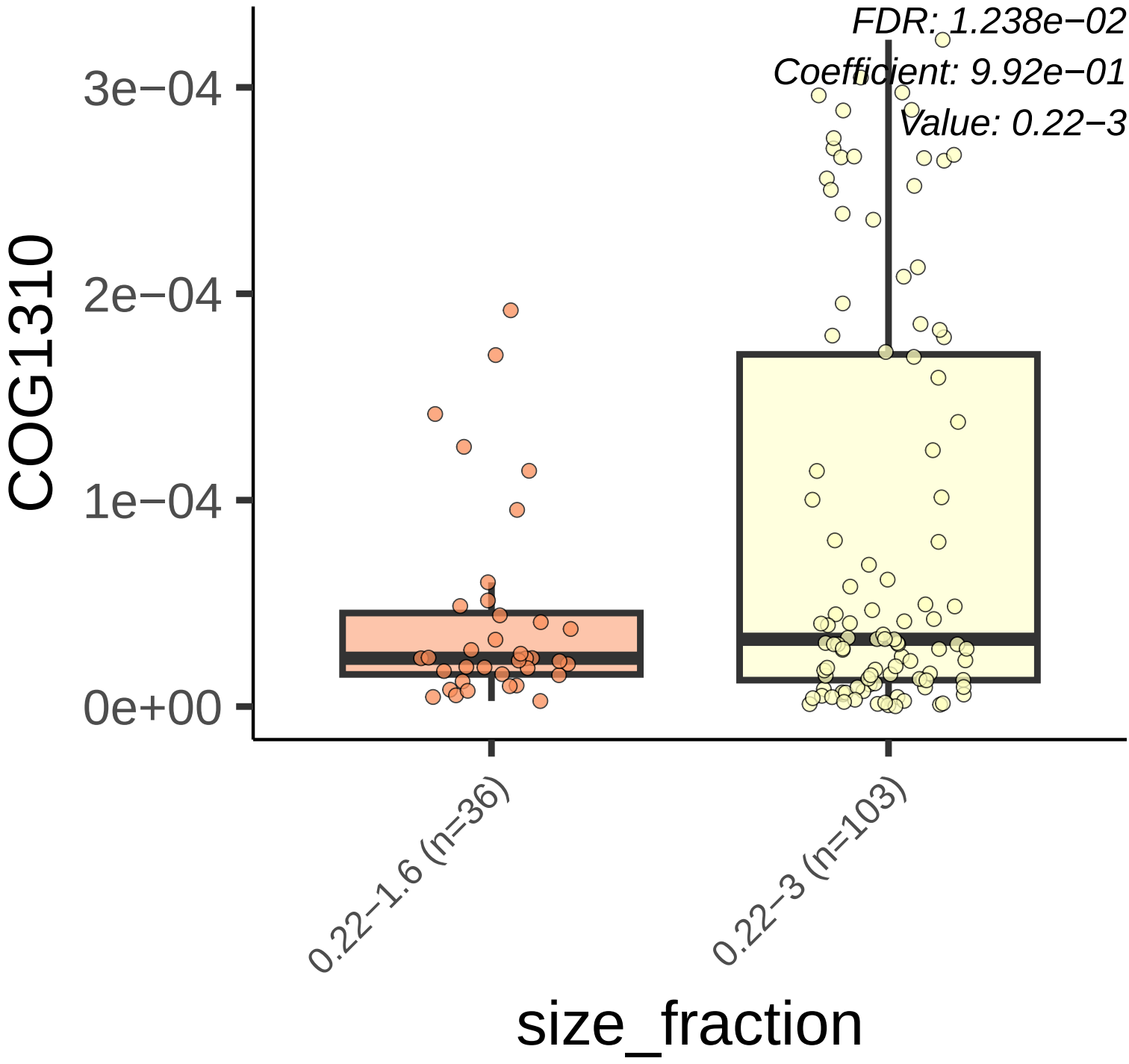

FDR: 1.222e−02
Coefficient: 3.63e−01
Value: 0.22−3
COG1704
1.0e−04
7.5e−05
5.0e−05
2.5e−05
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

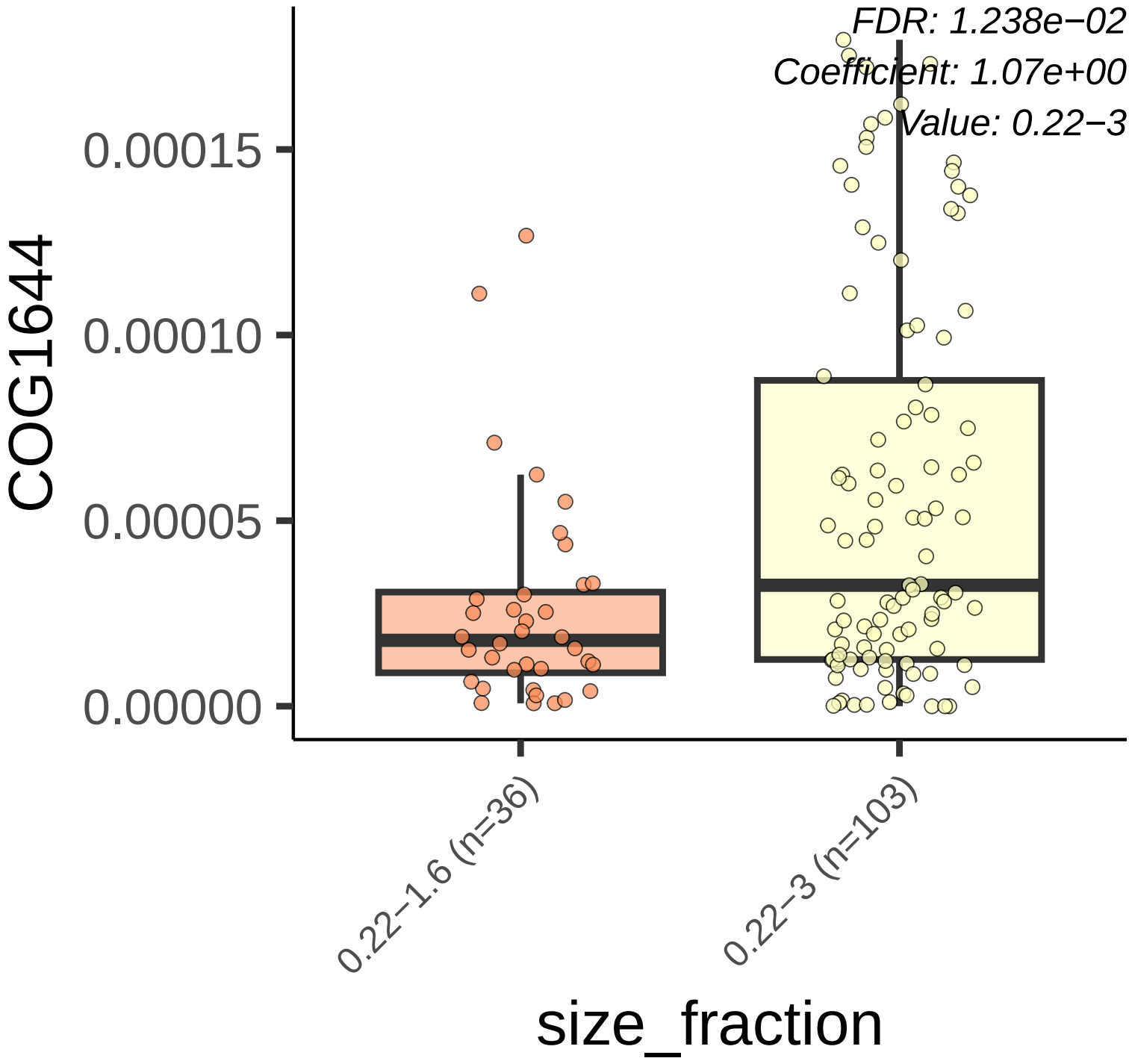

FDR: 1.225e−02
Coefficient: 9.65e−01
Value: 0.22−3
COG2101
5e−04
4e−04
3e−04
2e−04
1e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

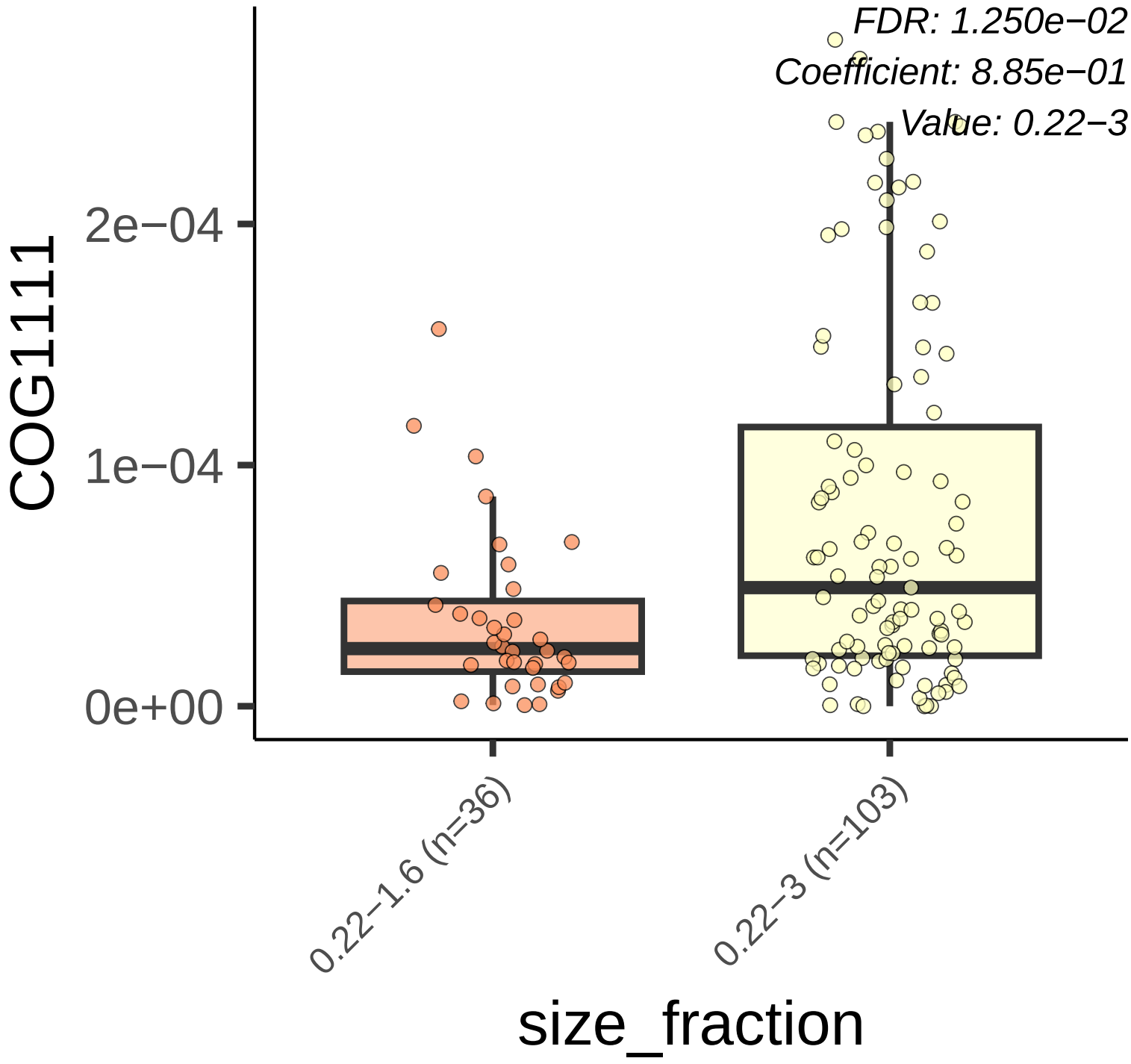

FDR: 1.232e−02
Coefficient: 5.09e−01
Value: 0.22−3
COG0252
3e−04
2e−04
1e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

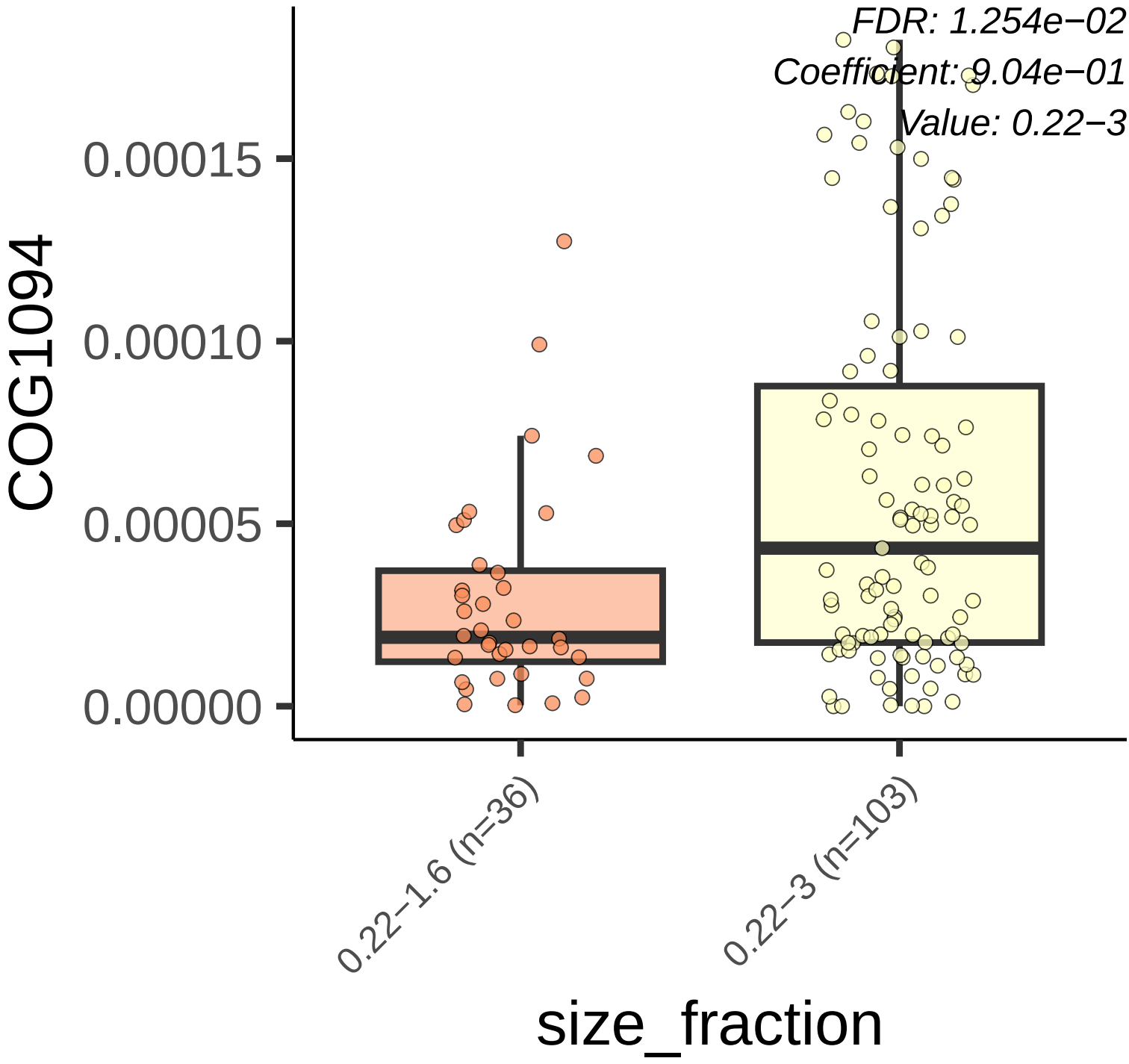

FDR: 1.233e−02
Coefficient: 4.11e−01
Value: 0.22−3
COG5276
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

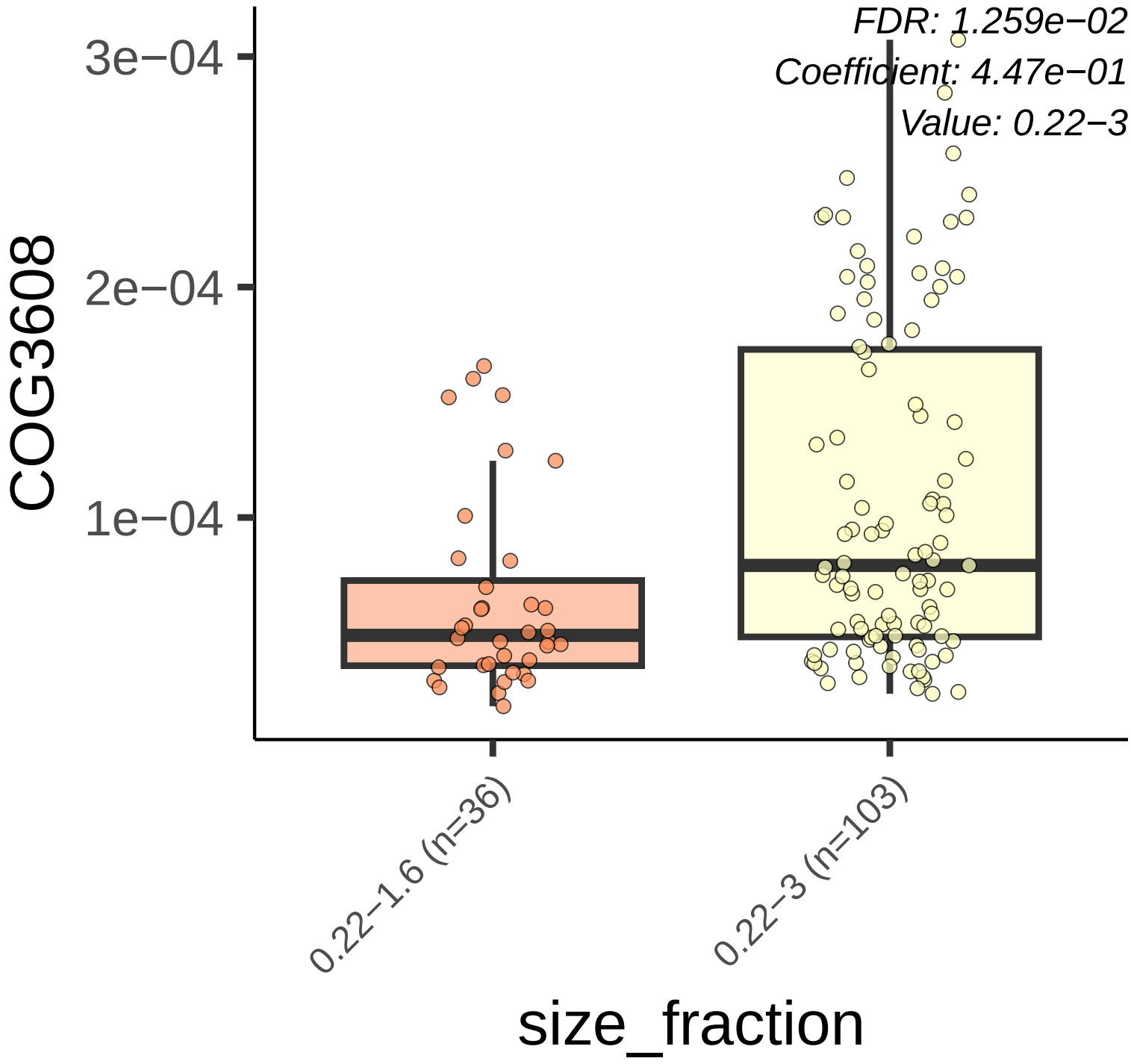

FDR: 1.238e−02
Coefficient: 2.86e−01
Value: 0.22−3
COG0591
0.0015
0.0010
0.0005
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

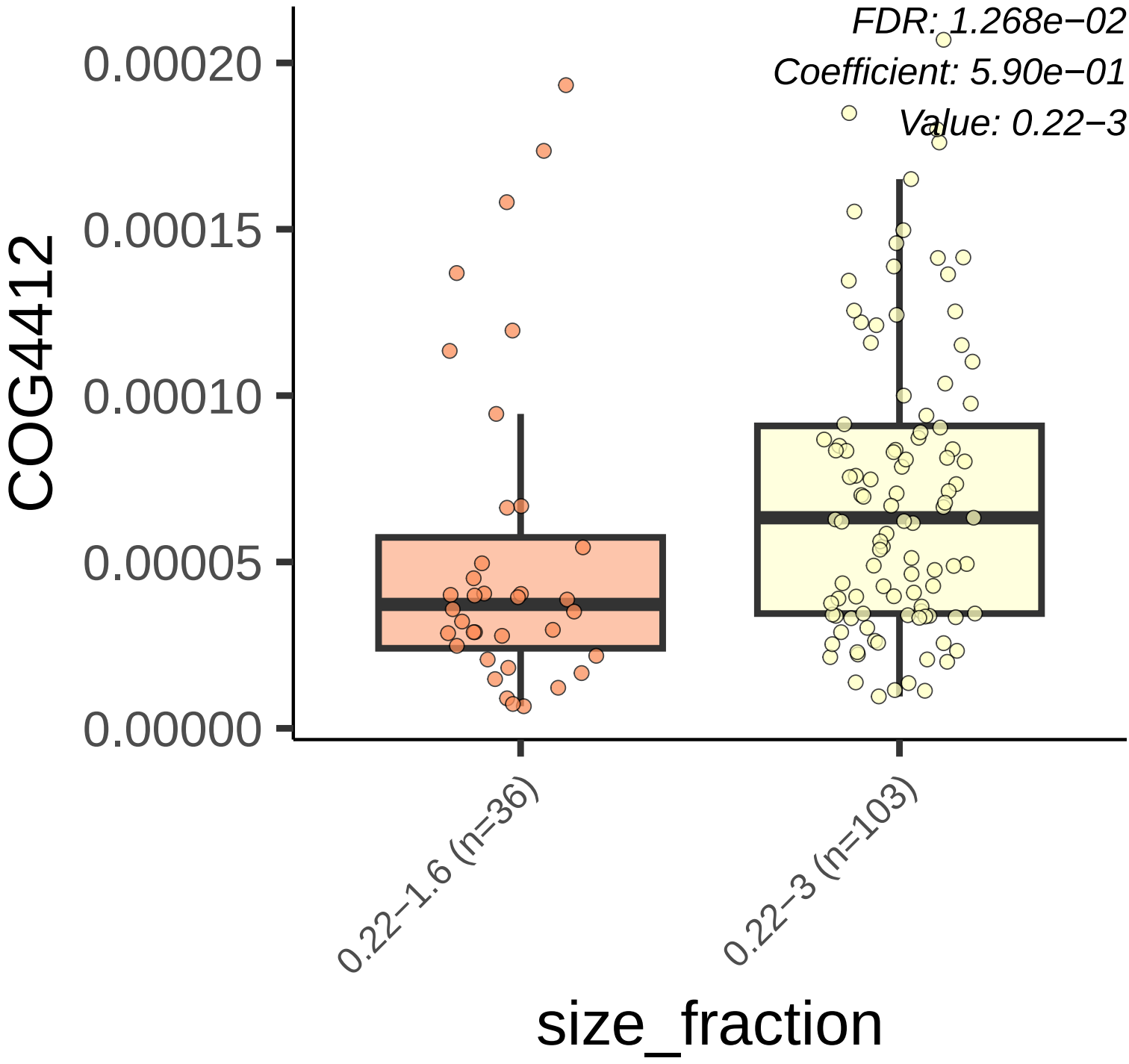

FDR: 1.238e−02
Coefficient: 9.92e−01
Value: 0.22−3
COG1310
3e−04
2e−04
1e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

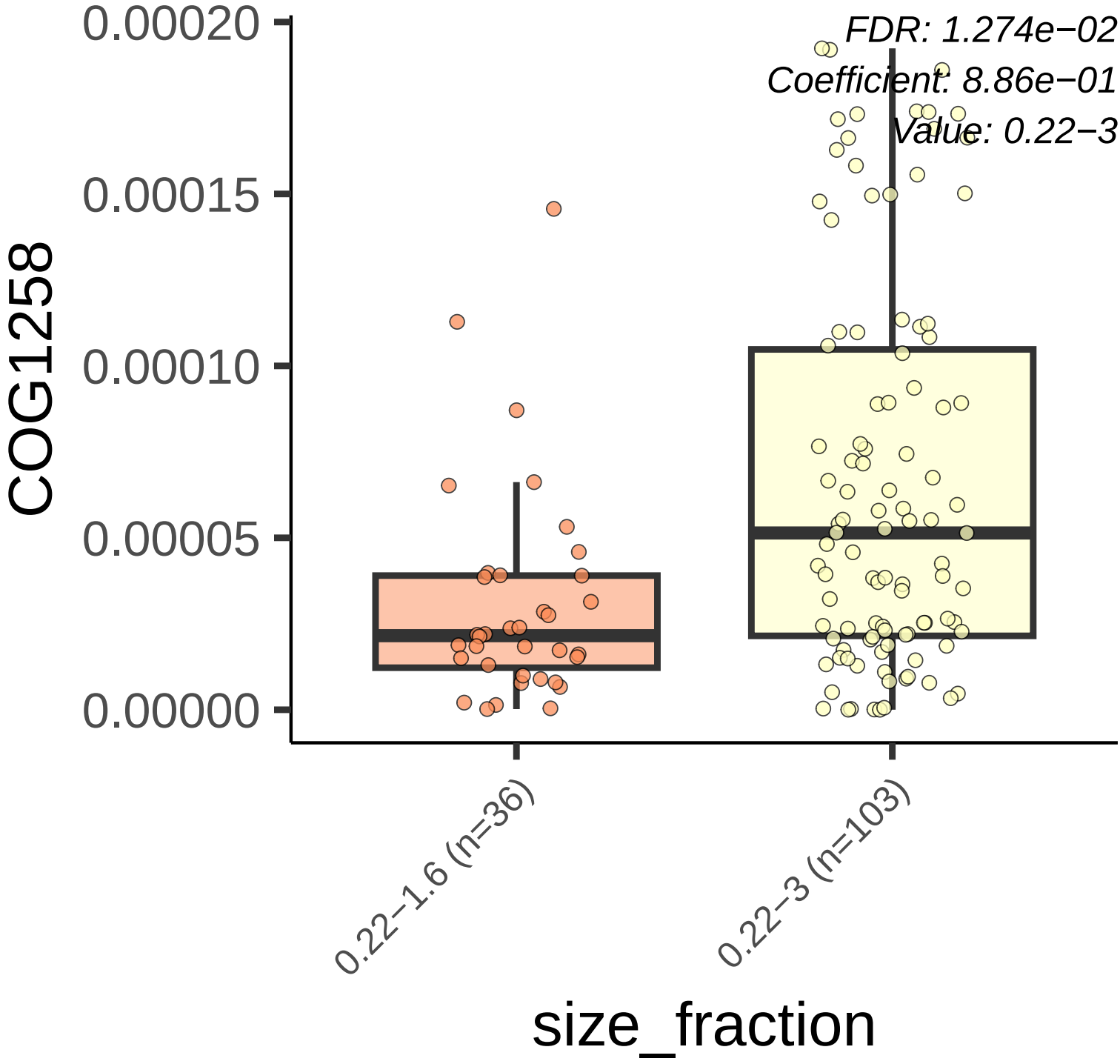

FDR: 1.238e−02
Coefficient: 1.07e+00
Value: 0.22−3
COG1644
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

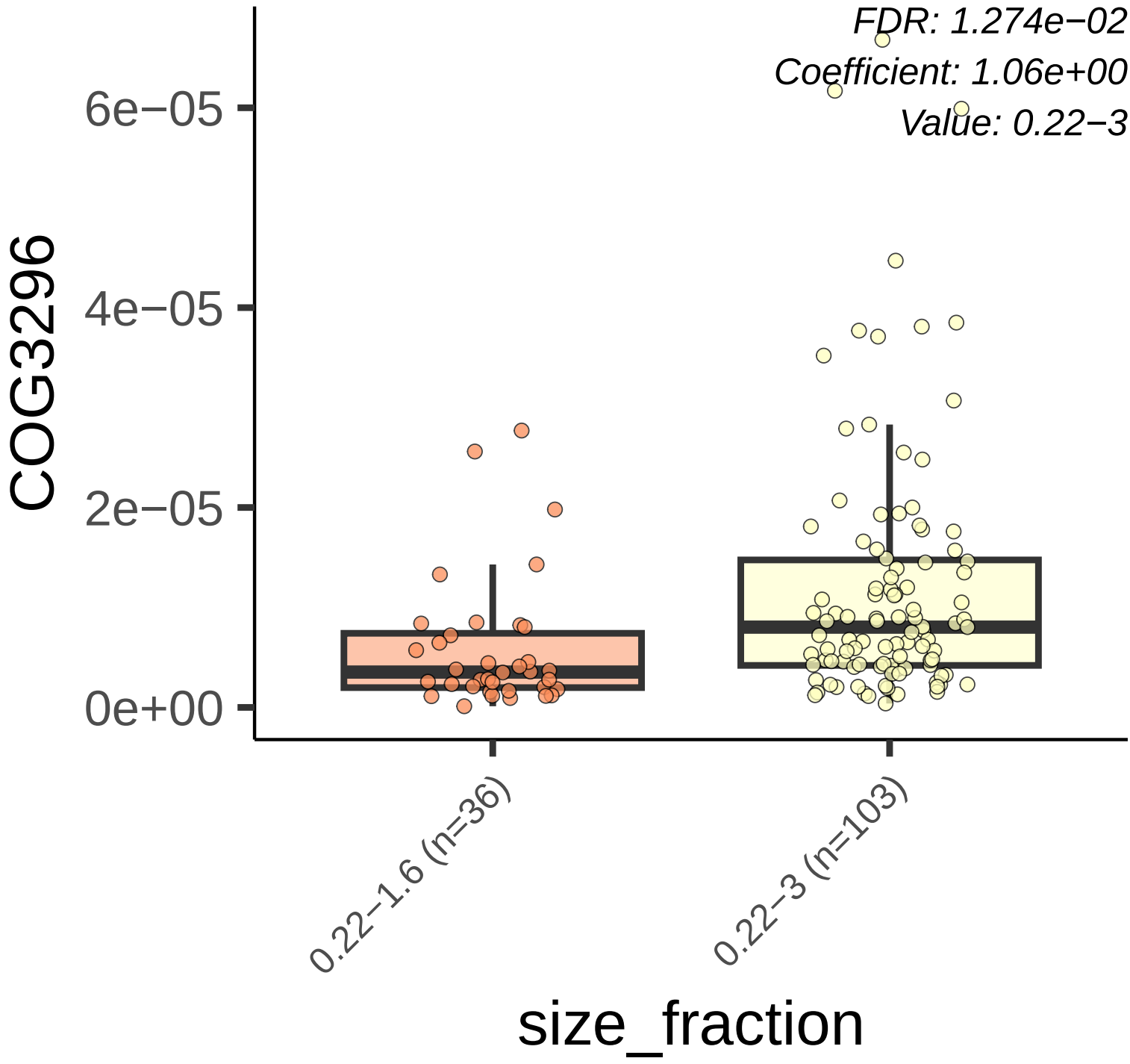

FDR: 1.250e−02
Coefficient: 8.85e−01
Value: 0.22−3
COG1111
2e−04
1e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

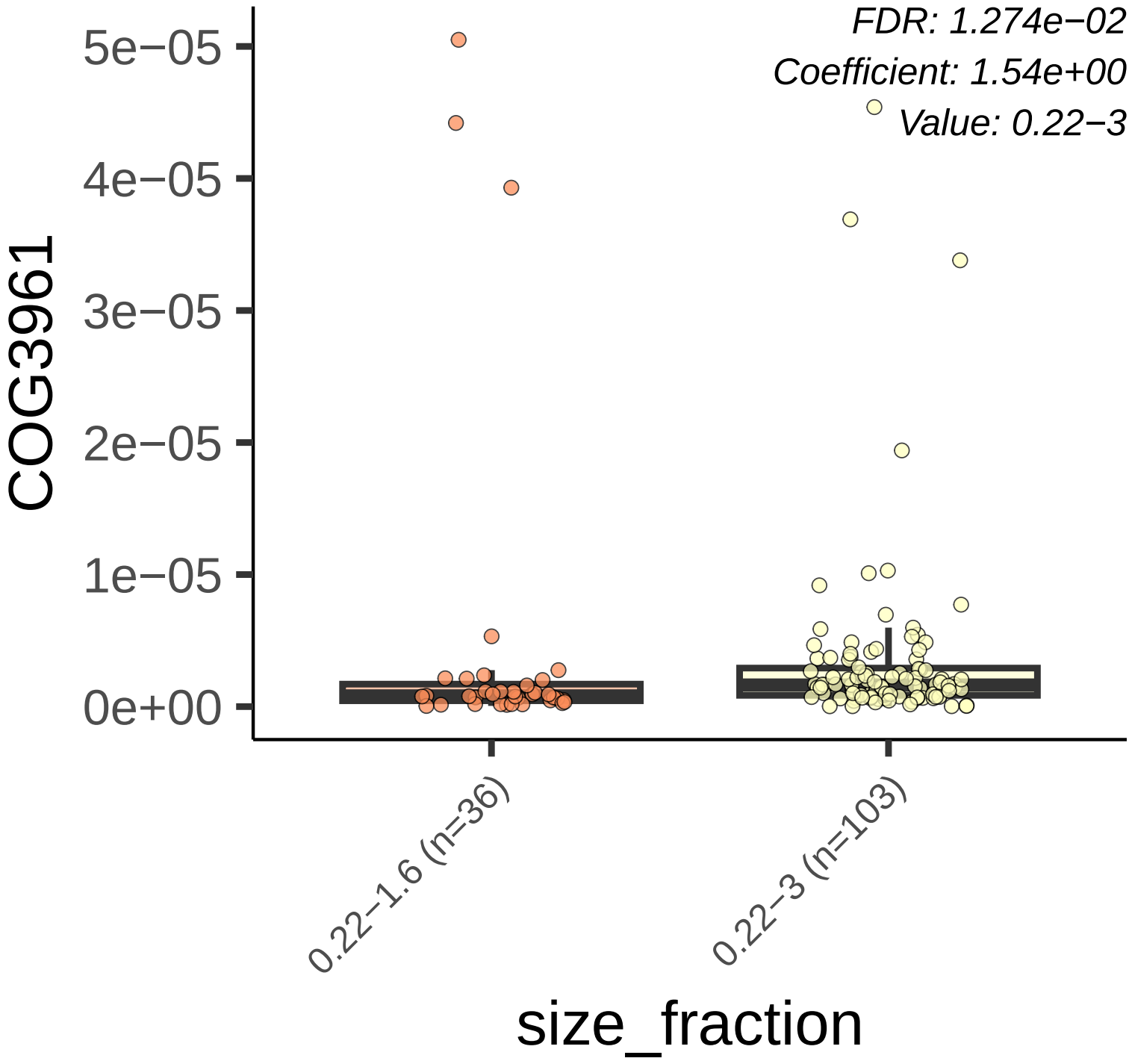

FDR: 1.254e−02
Coefficient: 9.04e−01
Value: 0.22−3
COG1094
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

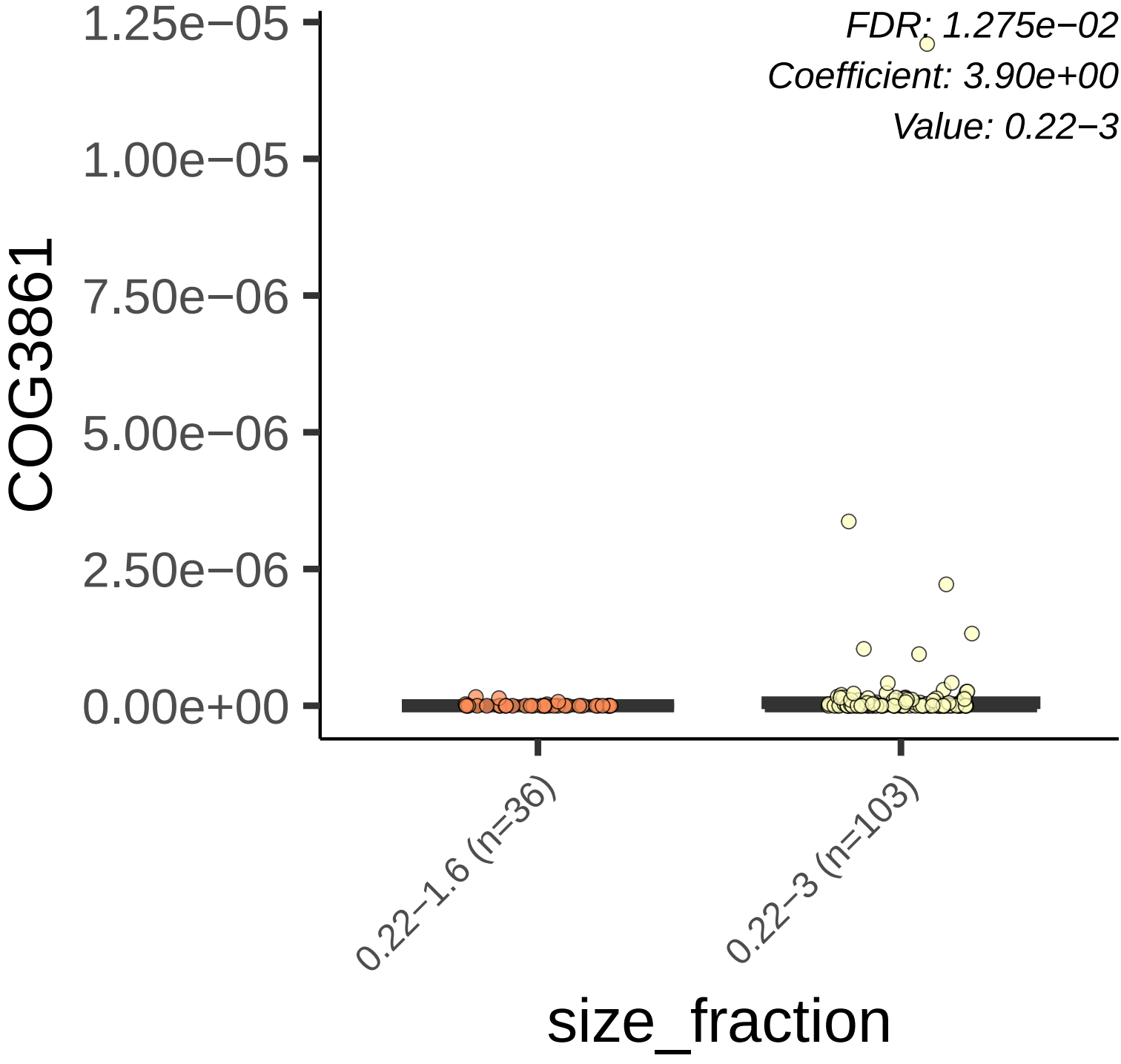

FDR: 1.259e−02
Coefficient: 4.47e−01
Value: 0.22−3
3e−04
2e−04
1e−04
COG3608
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

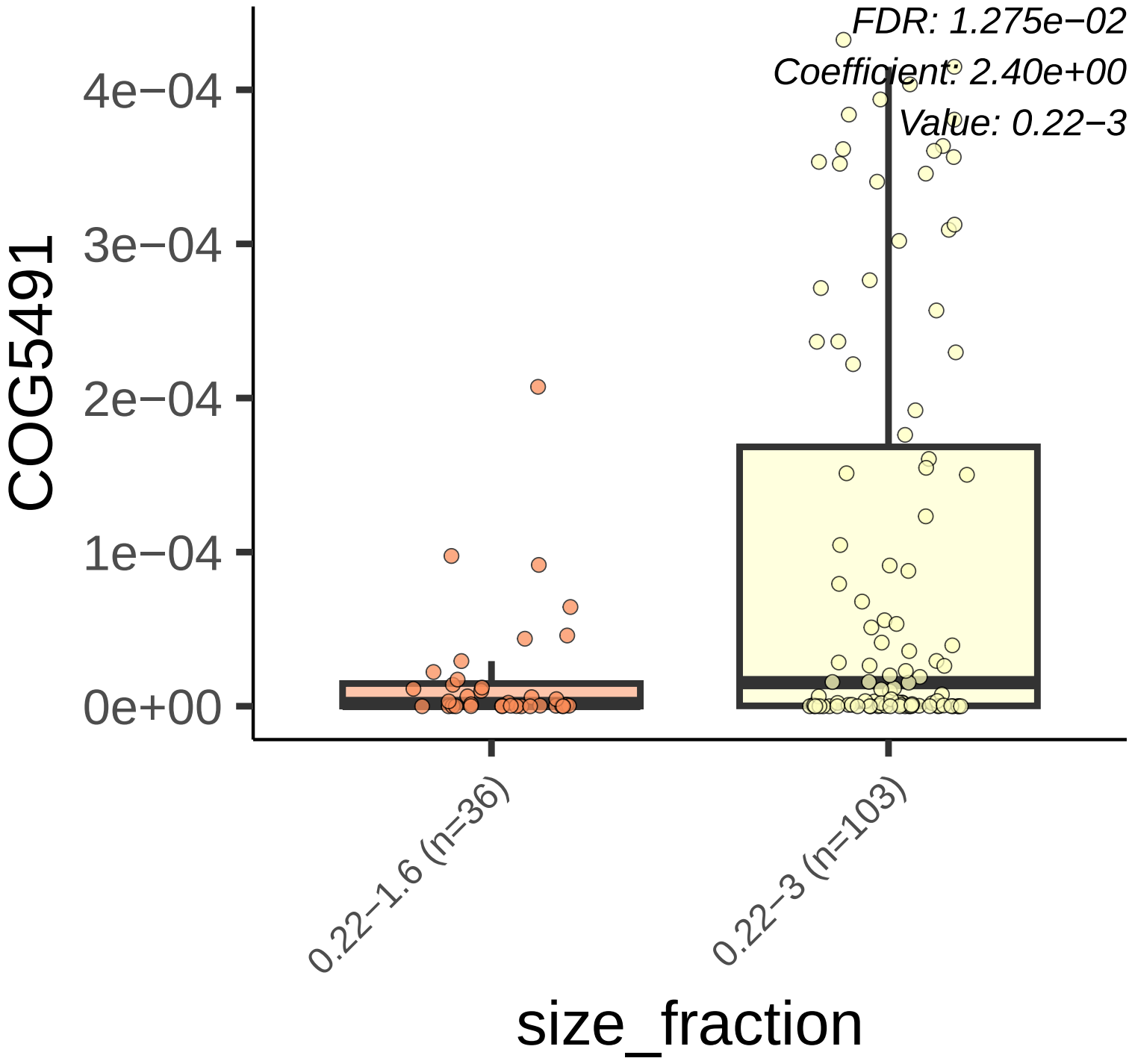

FDR: 1.268e−02
Coefficient: 5.90e−01
Value: 0.22−3
COG4412
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

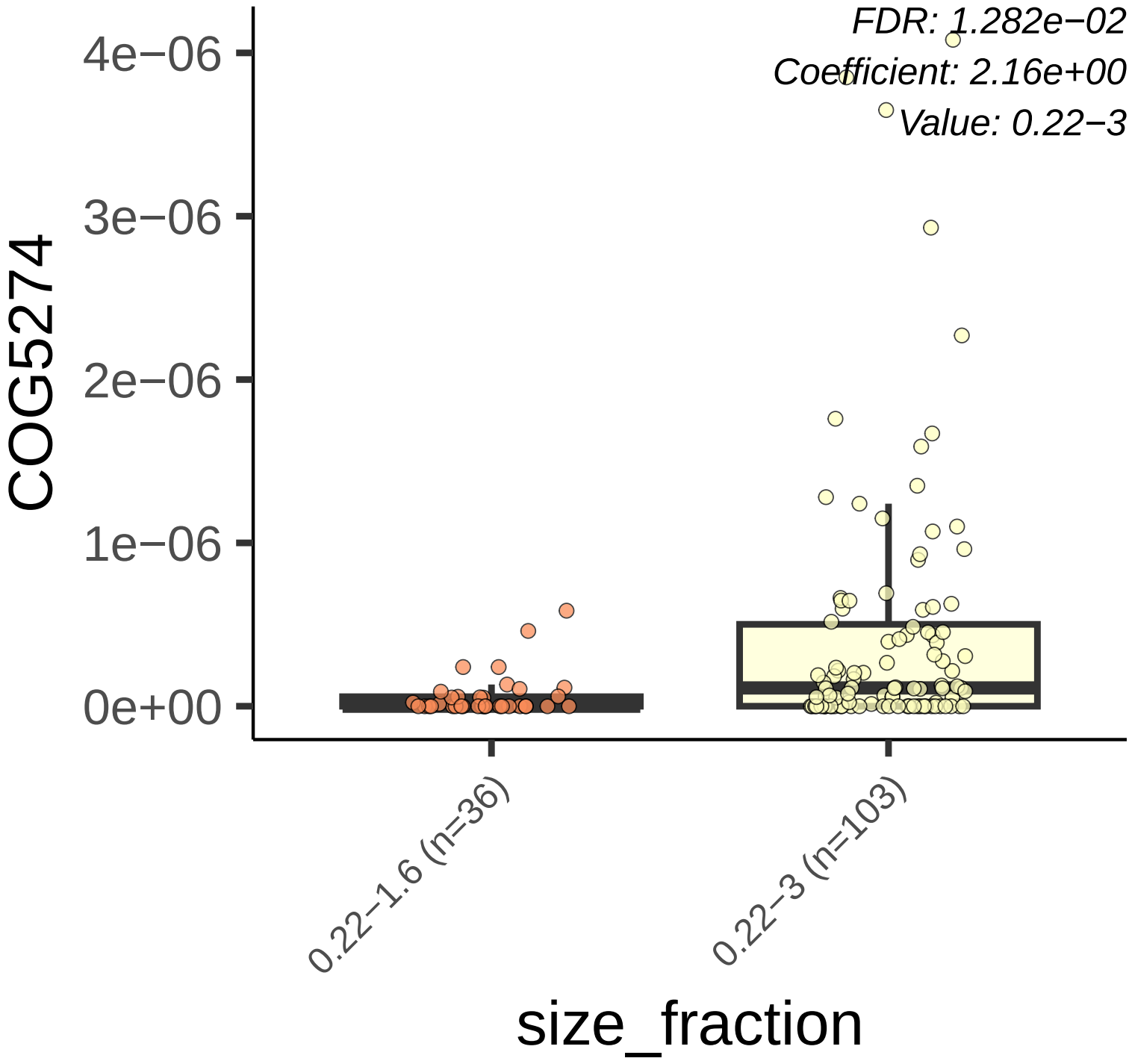

FDR: 1.274e−02
Coefficient: 8.86e−01
Value: 0.22−3
0.00020
0.00015
0.00010
0.00005
0.00000
COG1258
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

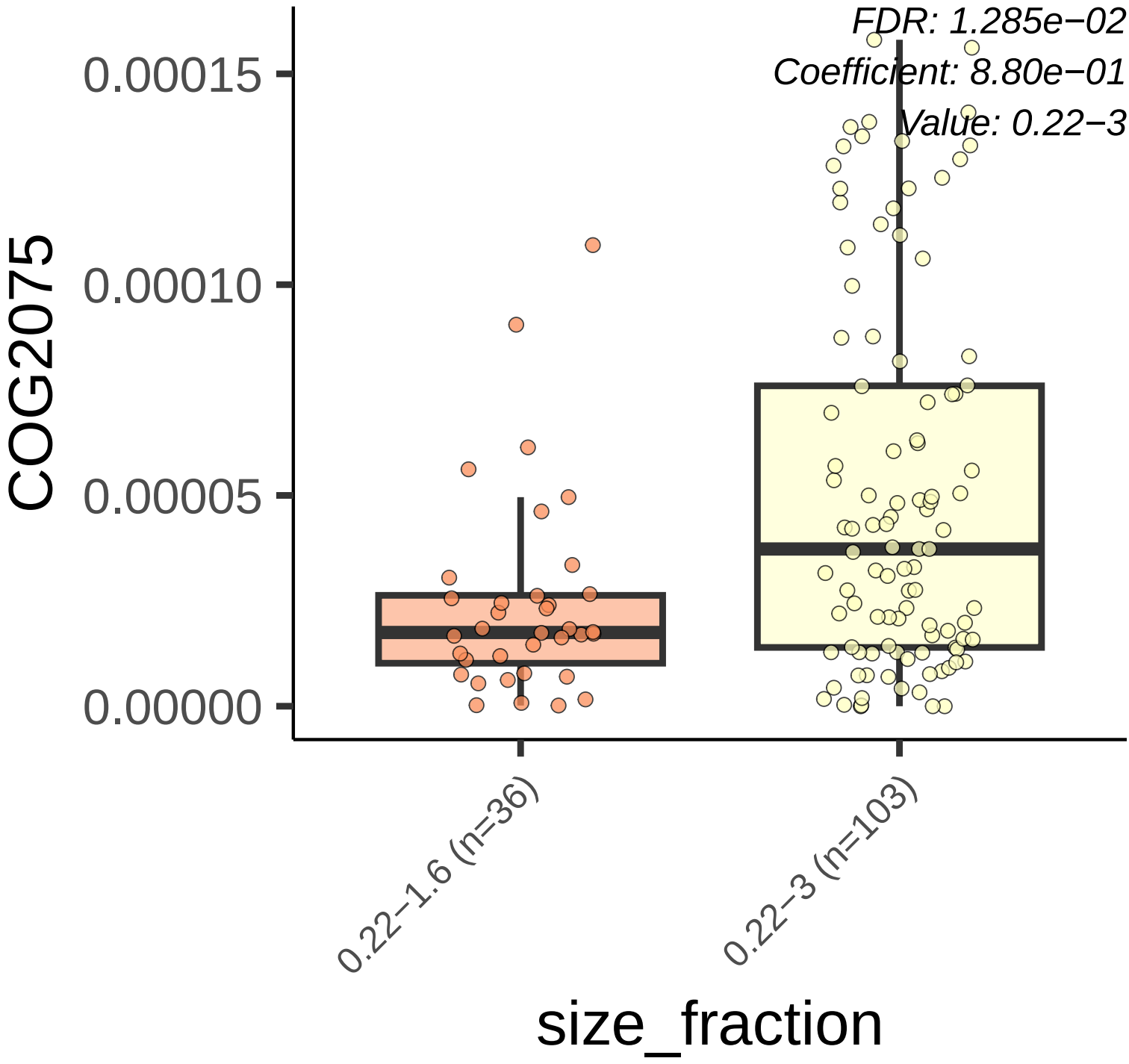

FDR: 1.274e−02
Coefficient: 1.06e+00
Value: 0.22−3
COG3296
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

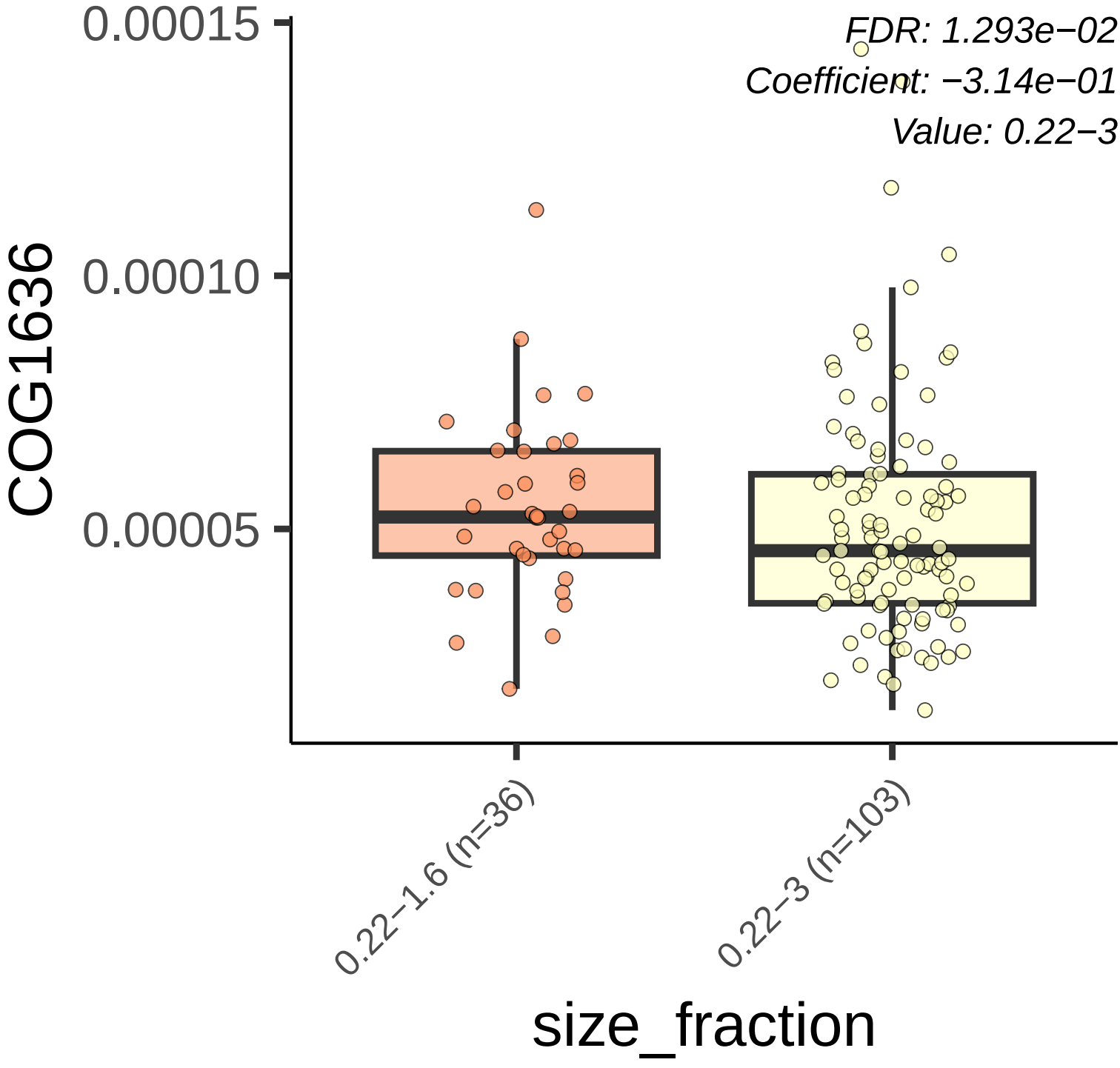

FDR: 1.274e−02
Coefficient: 1.54e+00
Value: 0.22−3
COG3961
5e−05
4e−05
3e−05
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

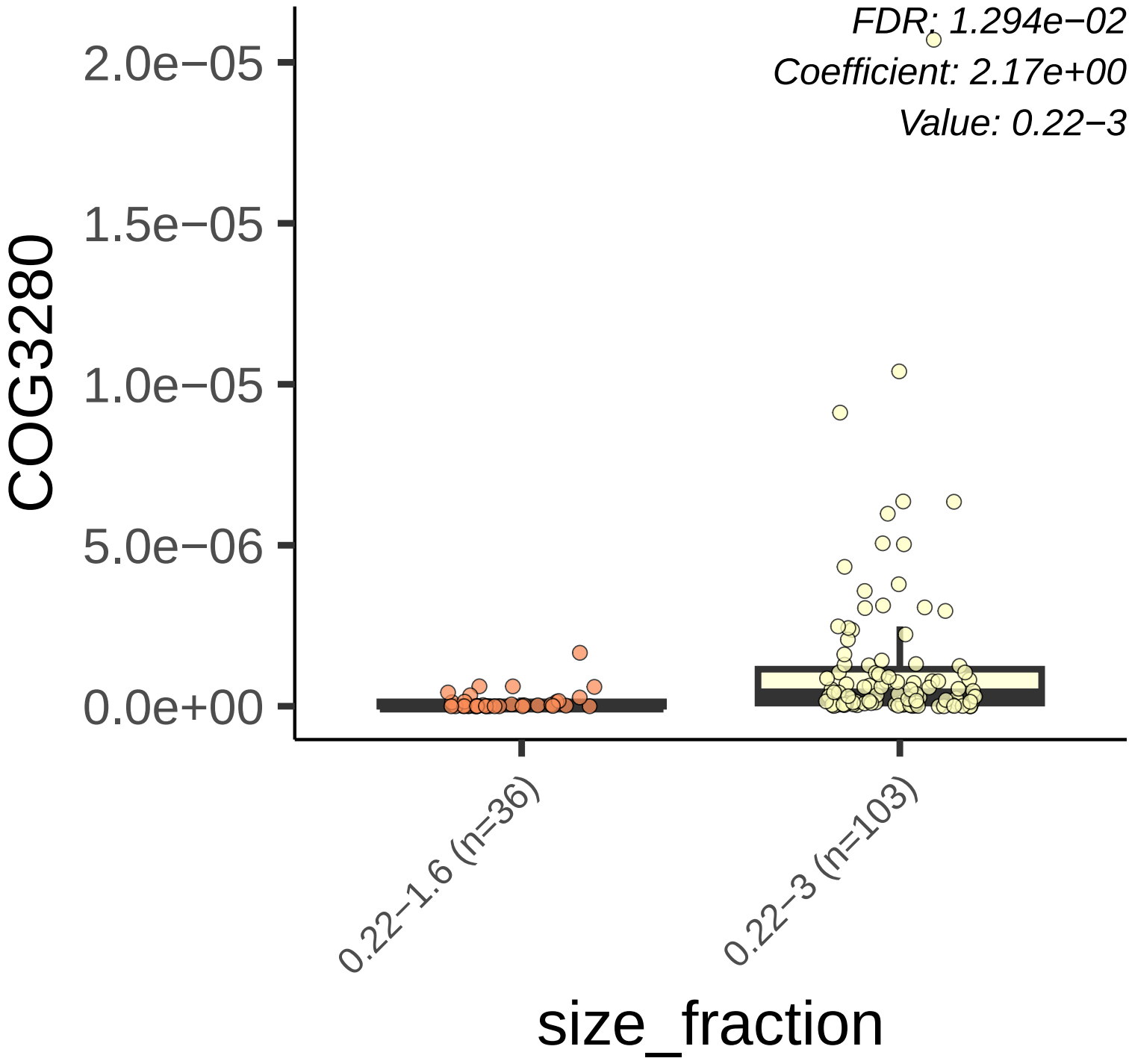

FDR: 1.275e−02
Coefficient: 3.90e+00
Value: 0.22−3
COG3861
1.25e−05
1.00e−05
7.50e−06
5.00e−06
2.50e−06
0.00e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

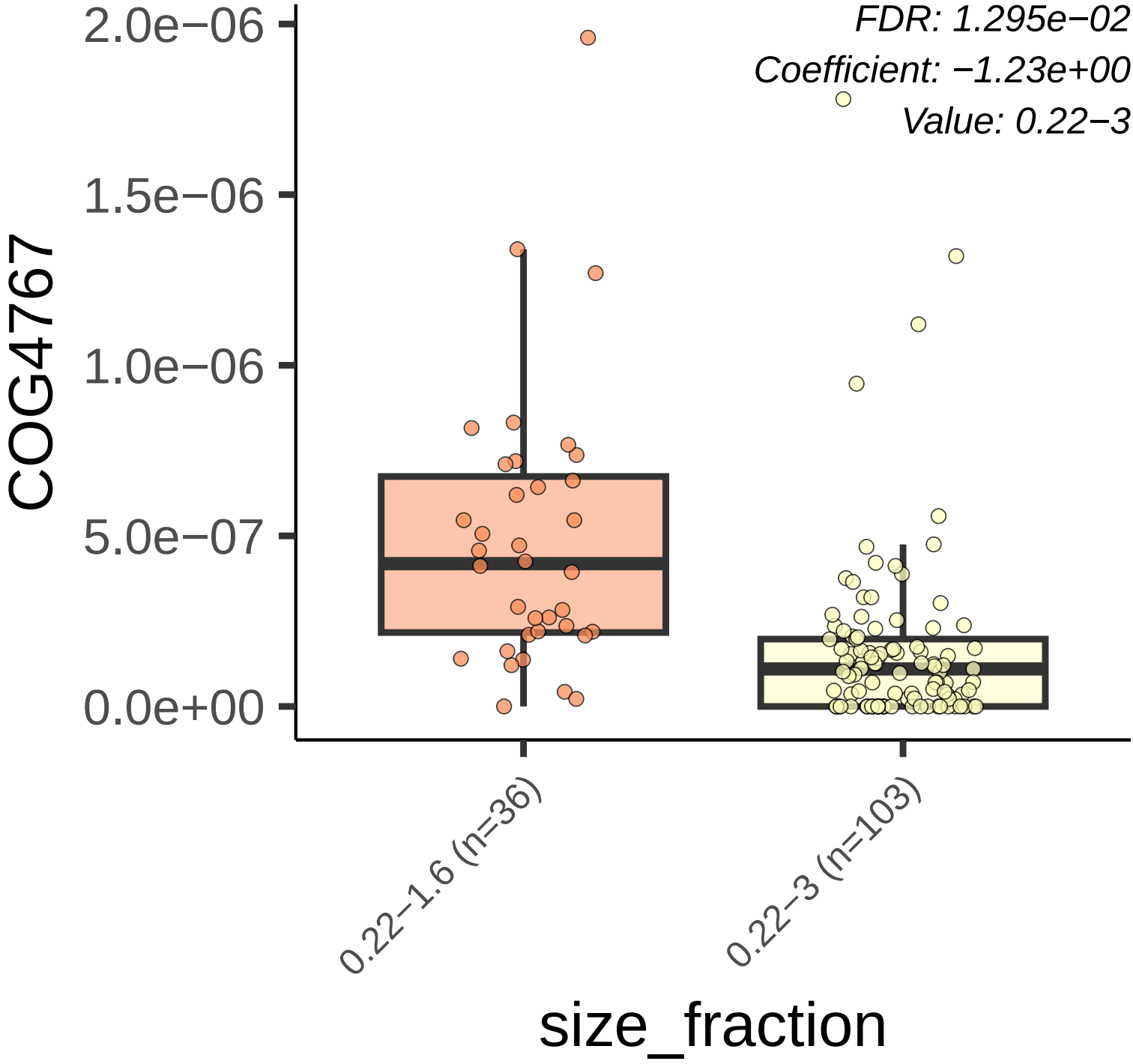

FDR: 1.275e−02
Coefficient: 2.40e+00
Value: 0.22−3
COG5491
4e−04
3e−04
2e−04
1e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

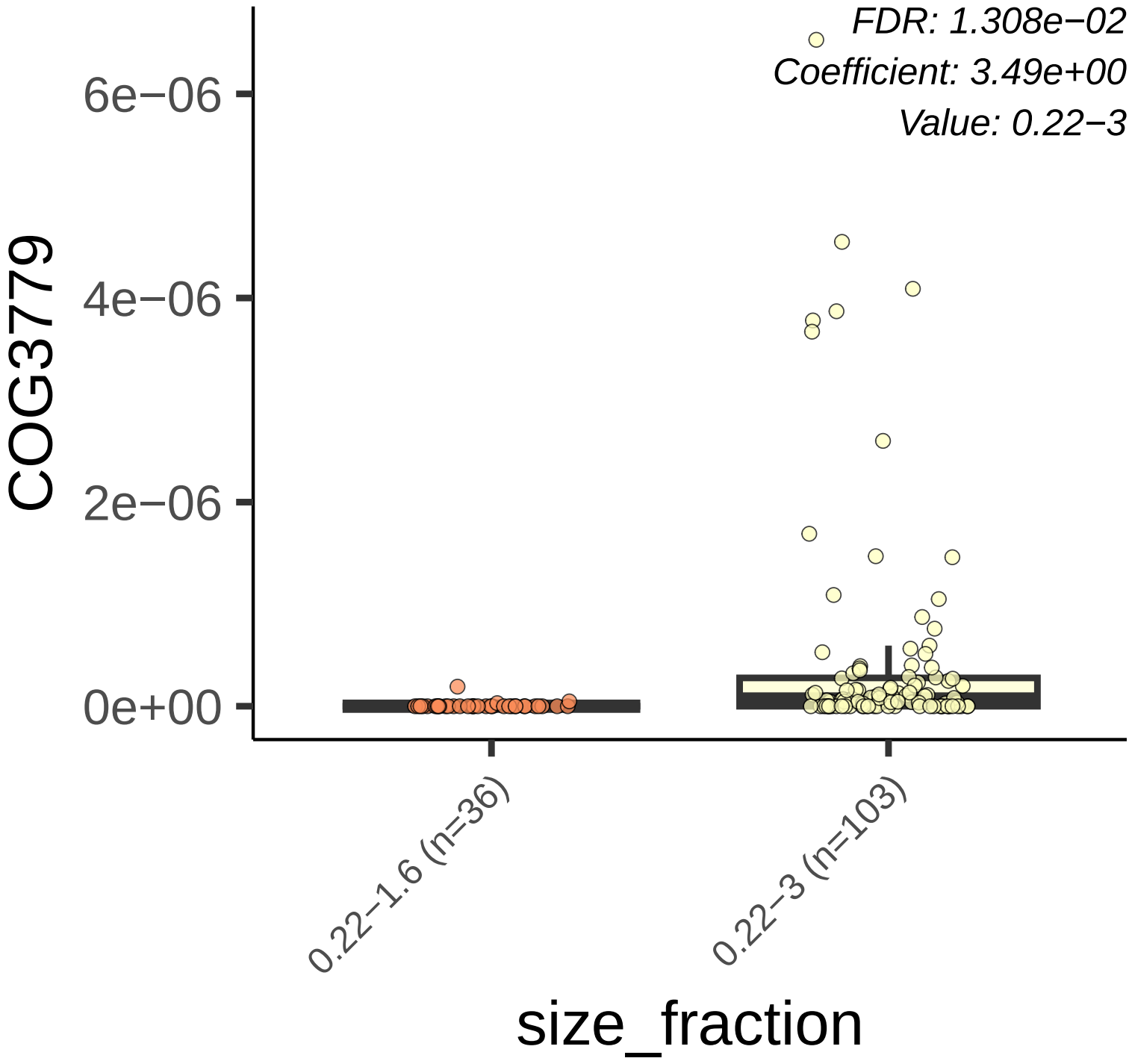

FDR: 1.282e−02
Coefficient: 2.16e+00
Value: 0.22−3
COG5274
4e−06
3e−06
2e−06
1e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

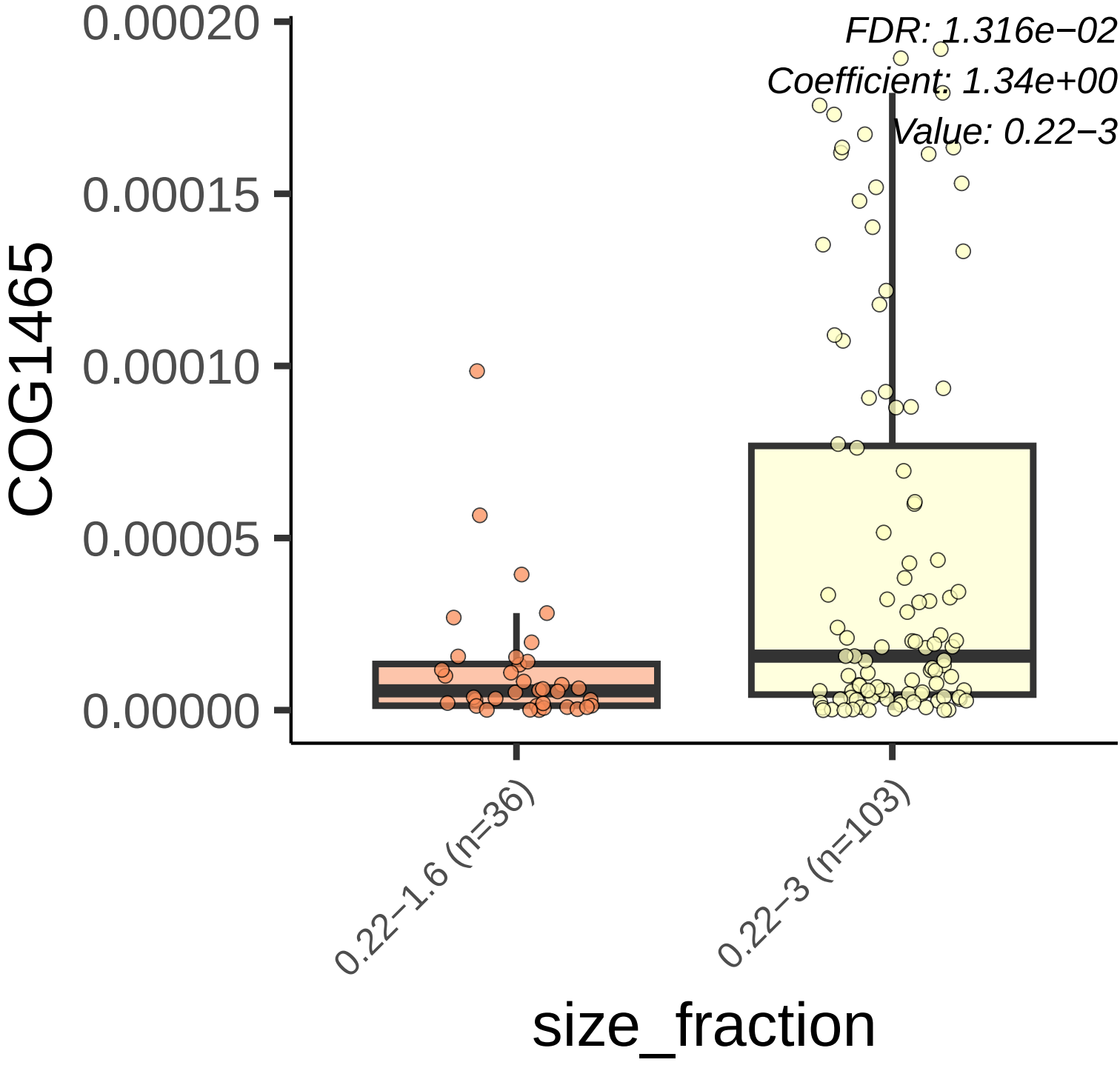

FDR: 1.285e−02
Coefficient: 8.80e−01
Value: 0.22−3
COG2075
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

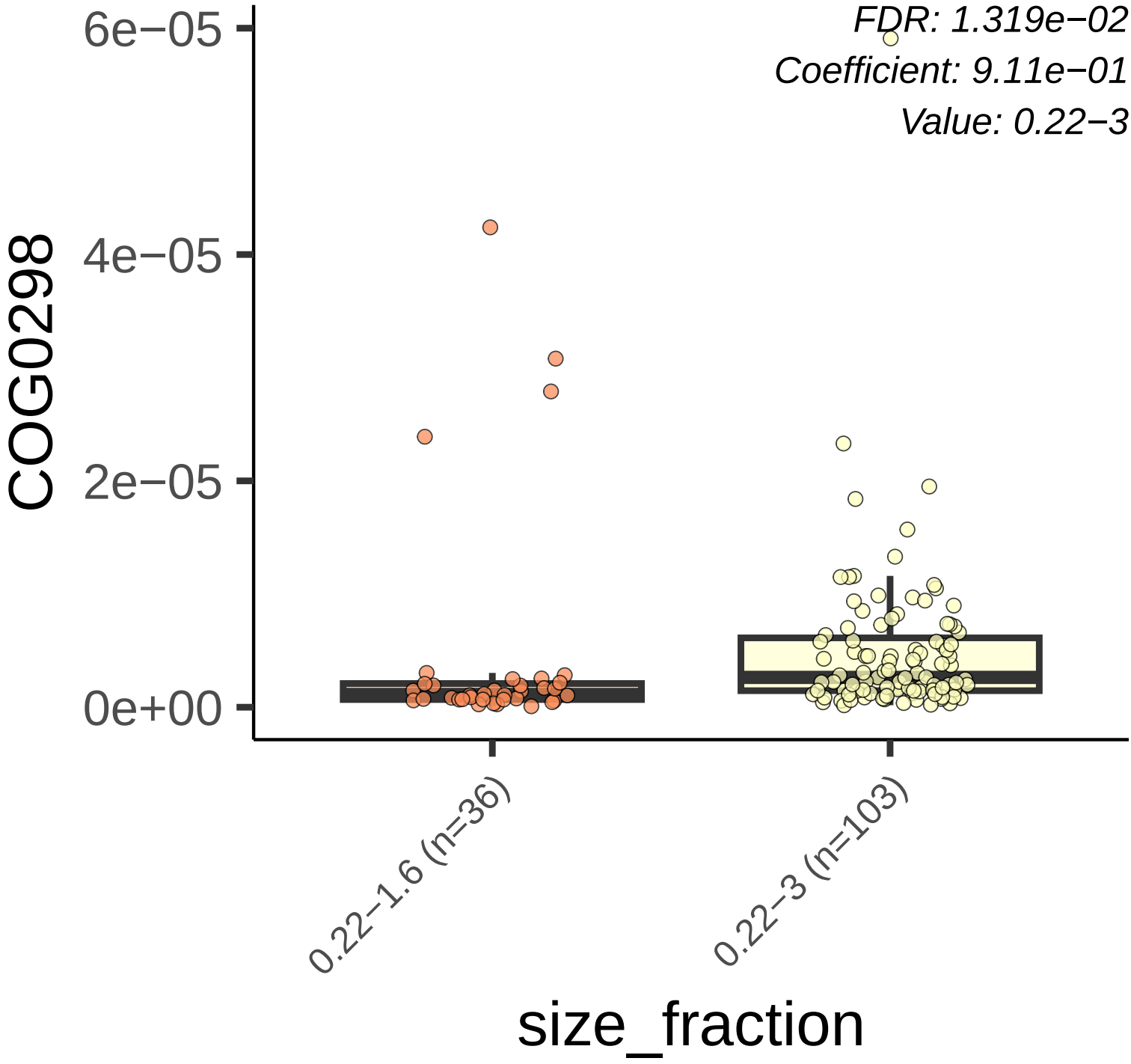

FDR: 1.293e−02
Coefficient: −3.14e−01
Value: 0.22−3
COG1636
0.00015
0.00010
0.00005
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

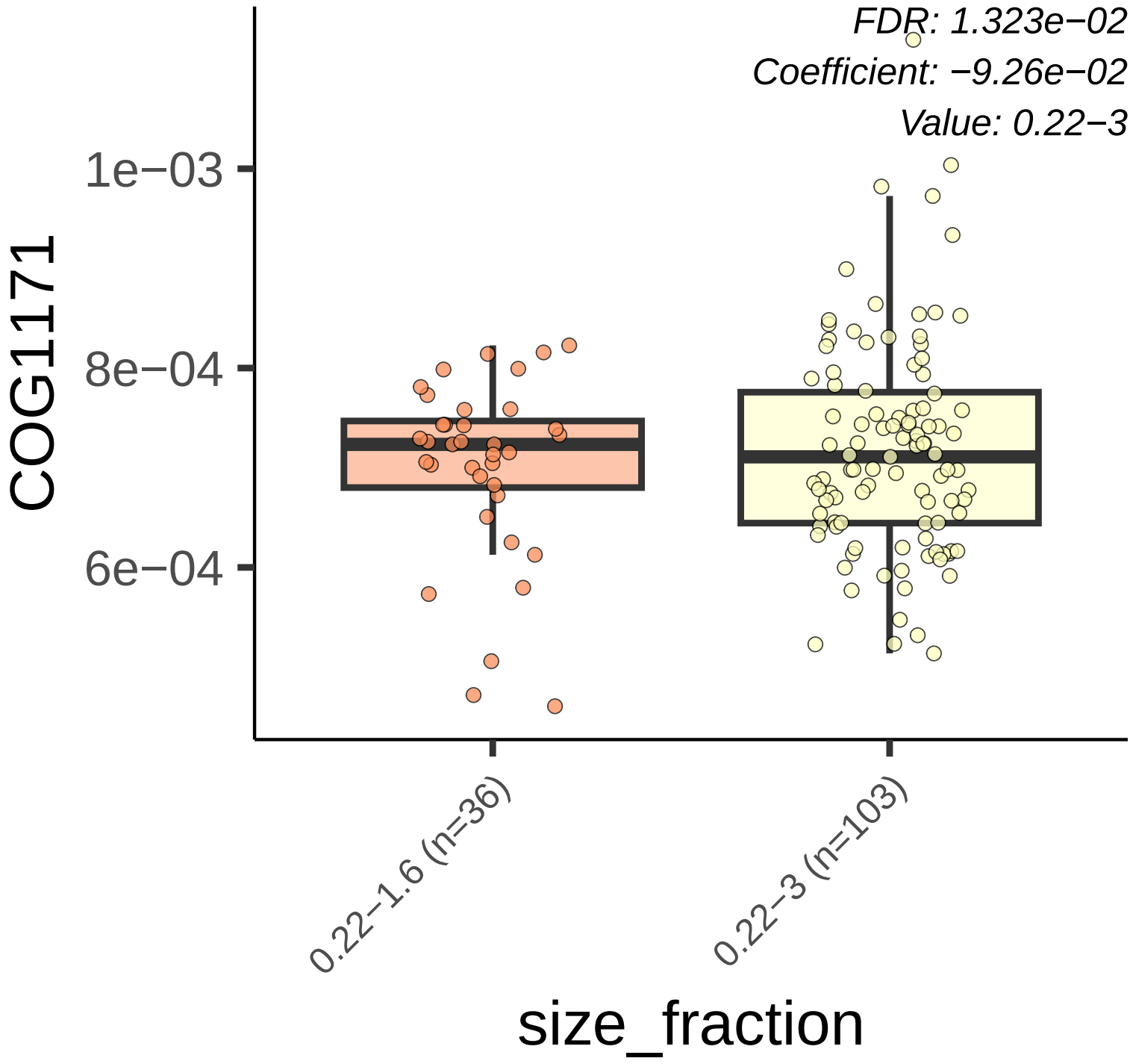

FDR: 1.294e−02
Coefficient: 2.17e+00
Value: 0.22−3
COG3280
2.0e−05
1.5e−05
1.0e−05
5.0e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

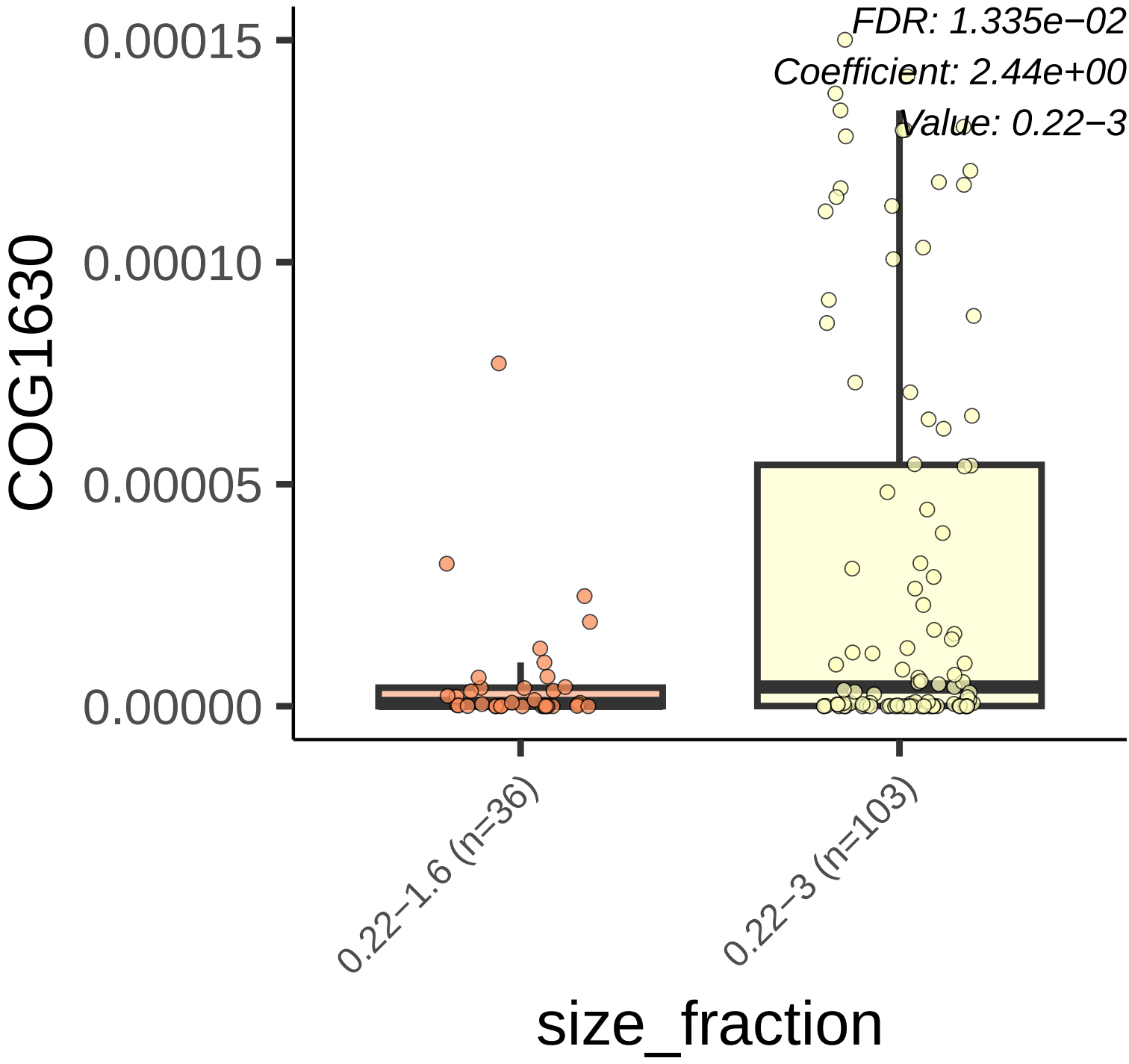

FDR: 1.295e−02
Coefficient: −1.23e+00
Value: 0.22−3
COG4767
2.0e−06
1.5e−06
1.0e−06
5.0e−07
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

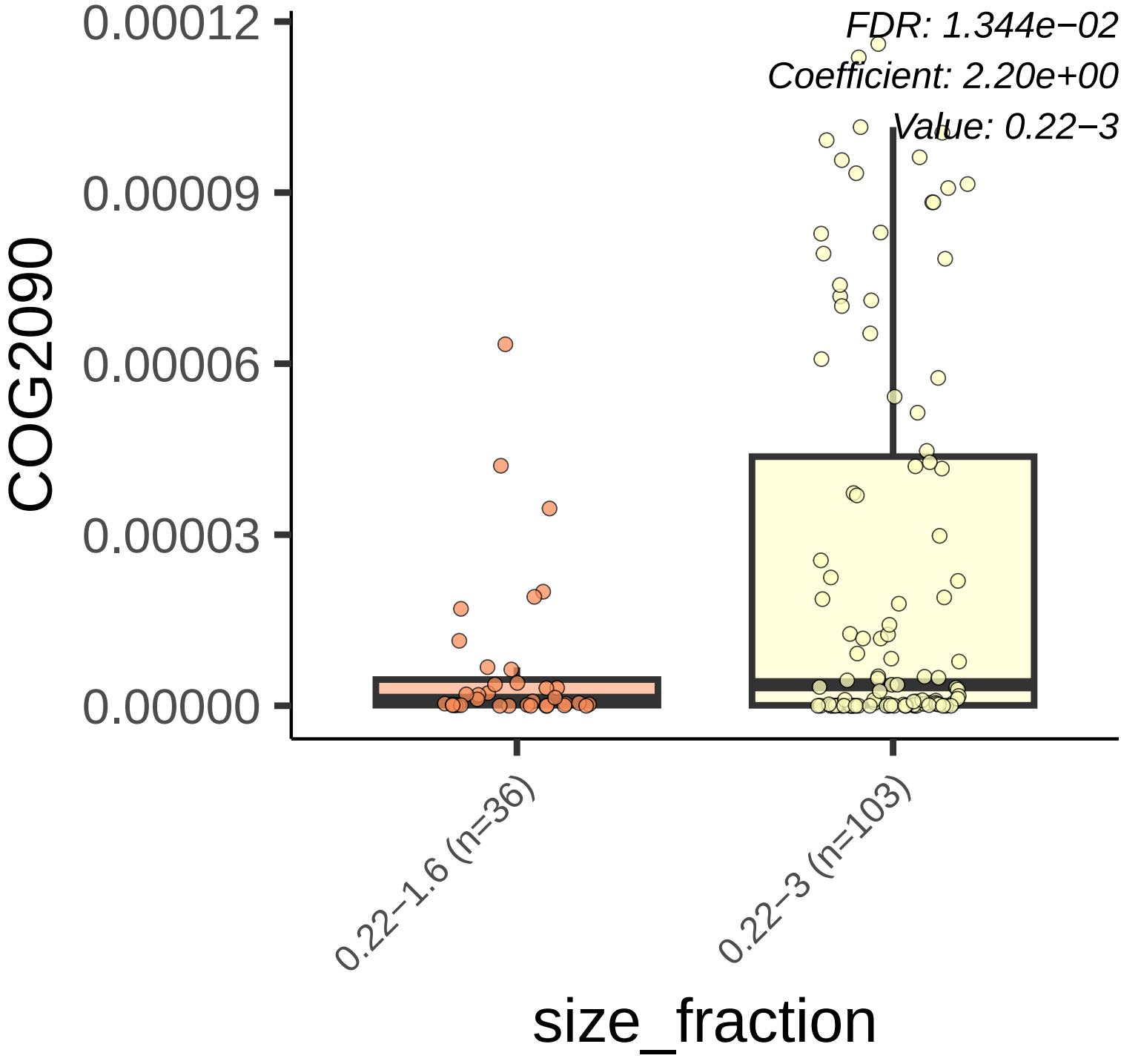

FDR: 1.308e−02
Coefficient: 3.49e+00
Value: 0.22−3
COG3779
6e−06
4e−06
2e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

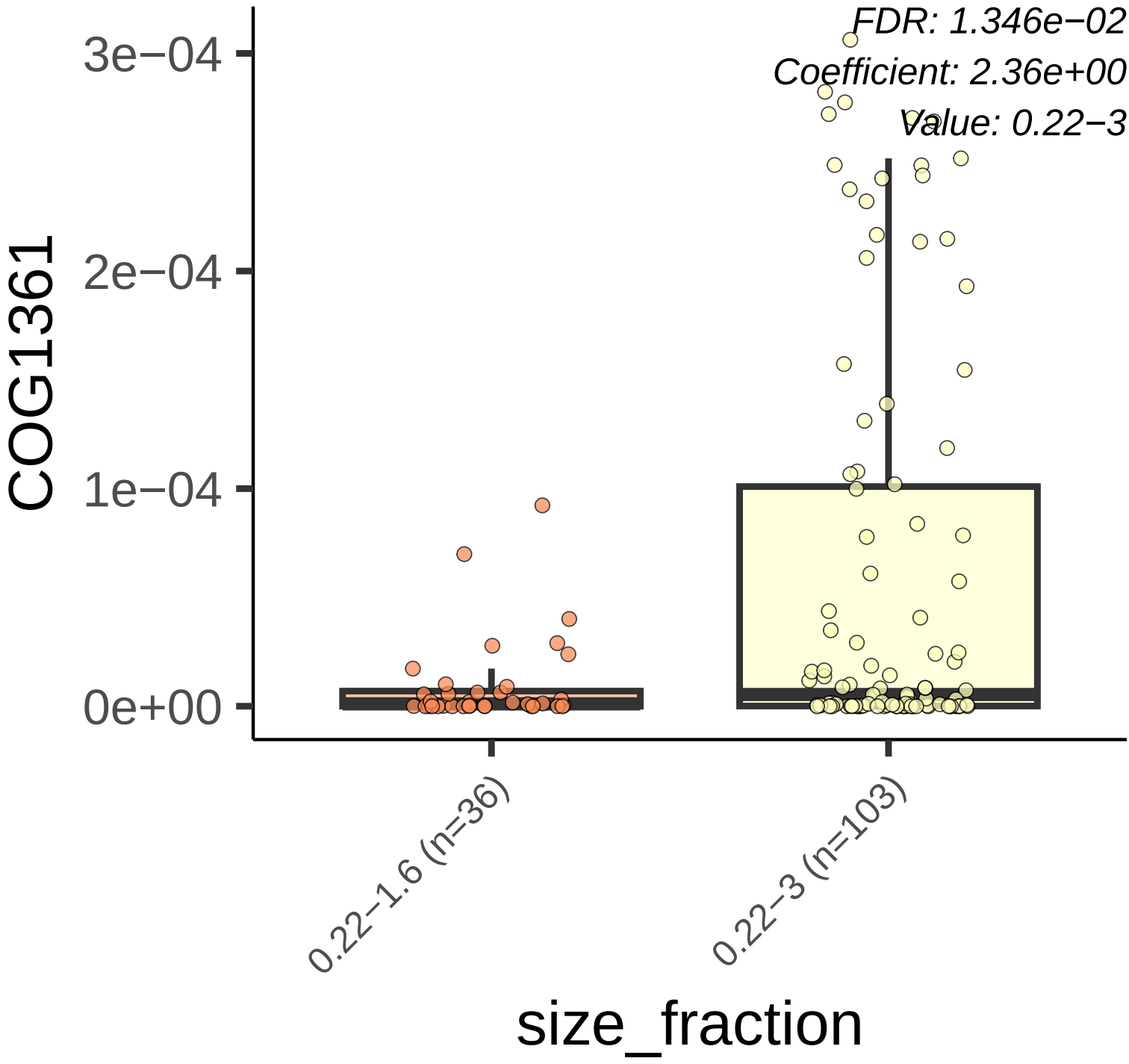

FDR: 1.316e−02
Coefficient: 1.34e+00
Value: 0.22−3
COG1465
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

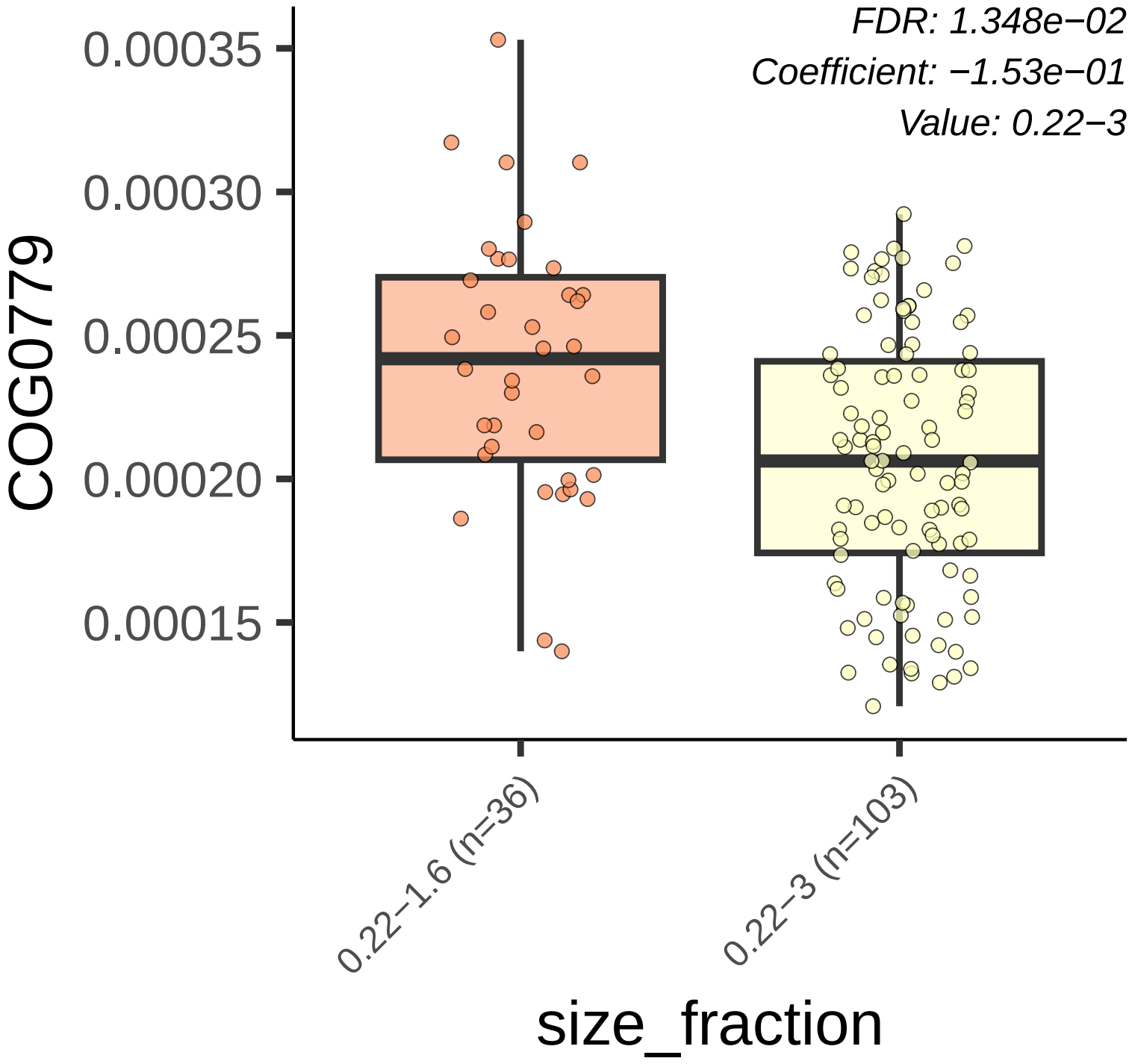

FDR: 1.319e−02
Coefficient: 9.11e−01
Value: 0.22−3
COG0298
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

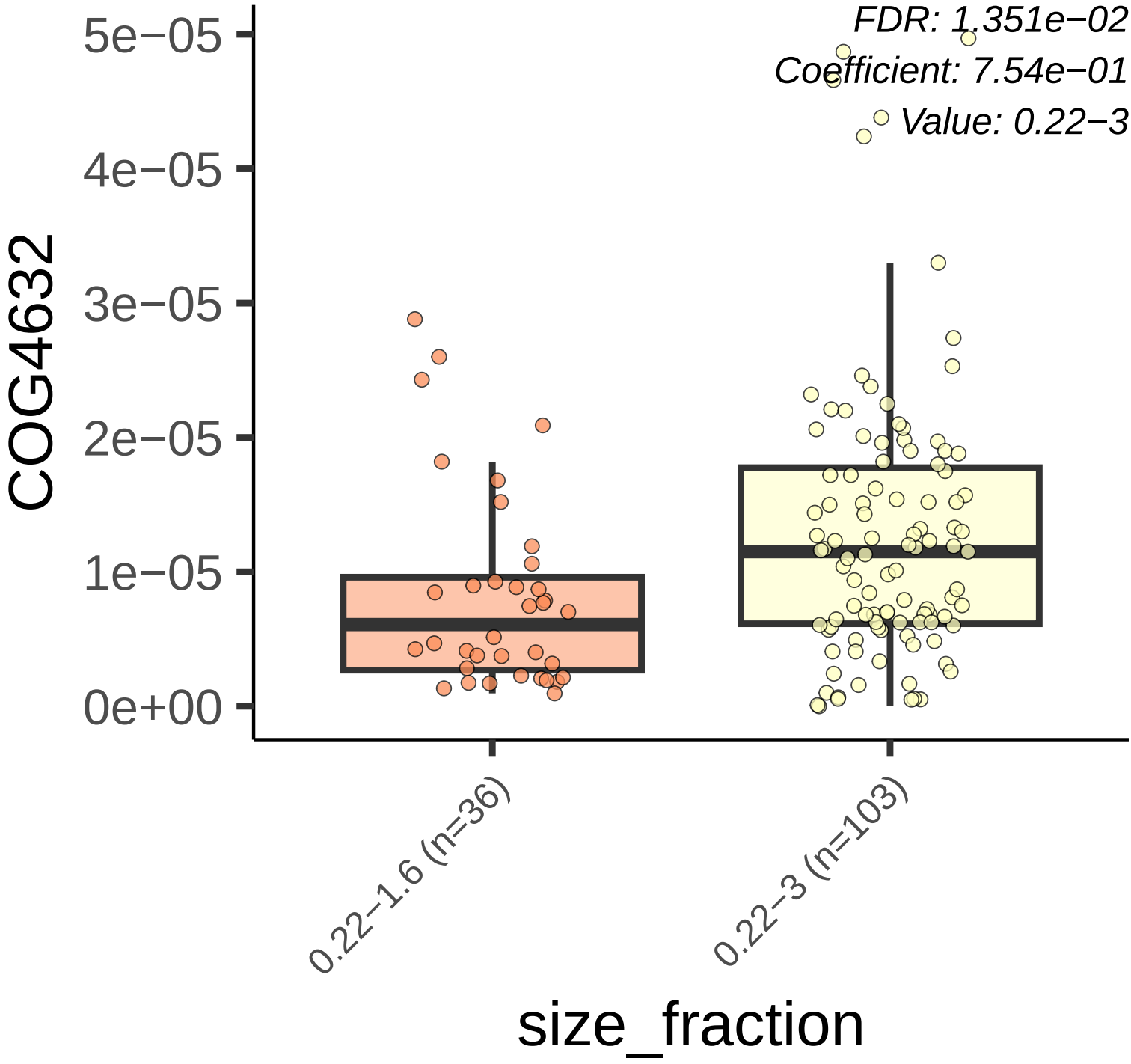

FDR: 1.323e−02
Coefficient: −9.26e−02
Value: 0.22−3
COG1171
1e−03
8e−04
6e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

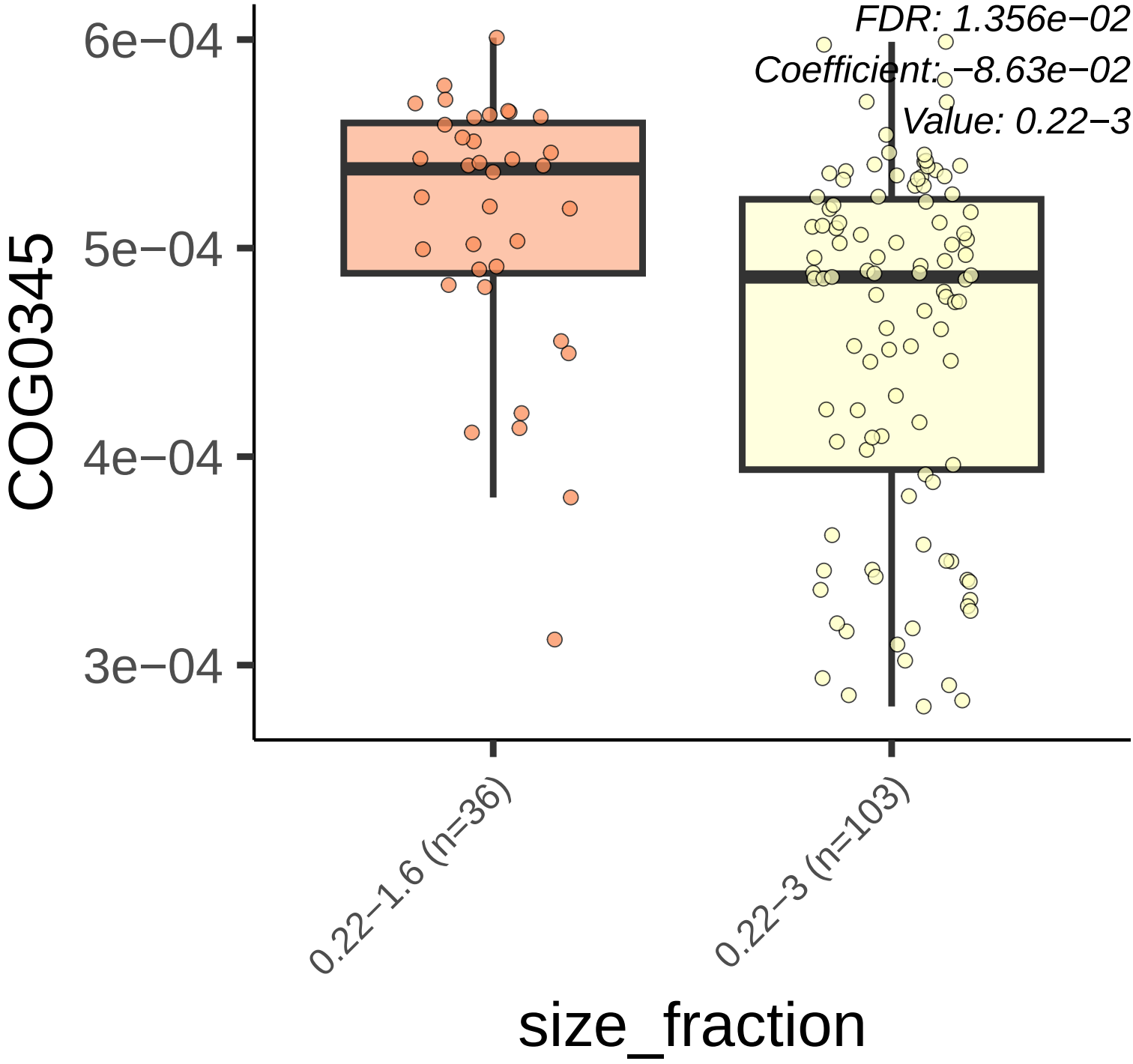

FDR: 1.335e−02
Coefficient: 2.44e+00
Value: 0.22−3
0.00015
0.00010
0.00005
0.00000
COG1630
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

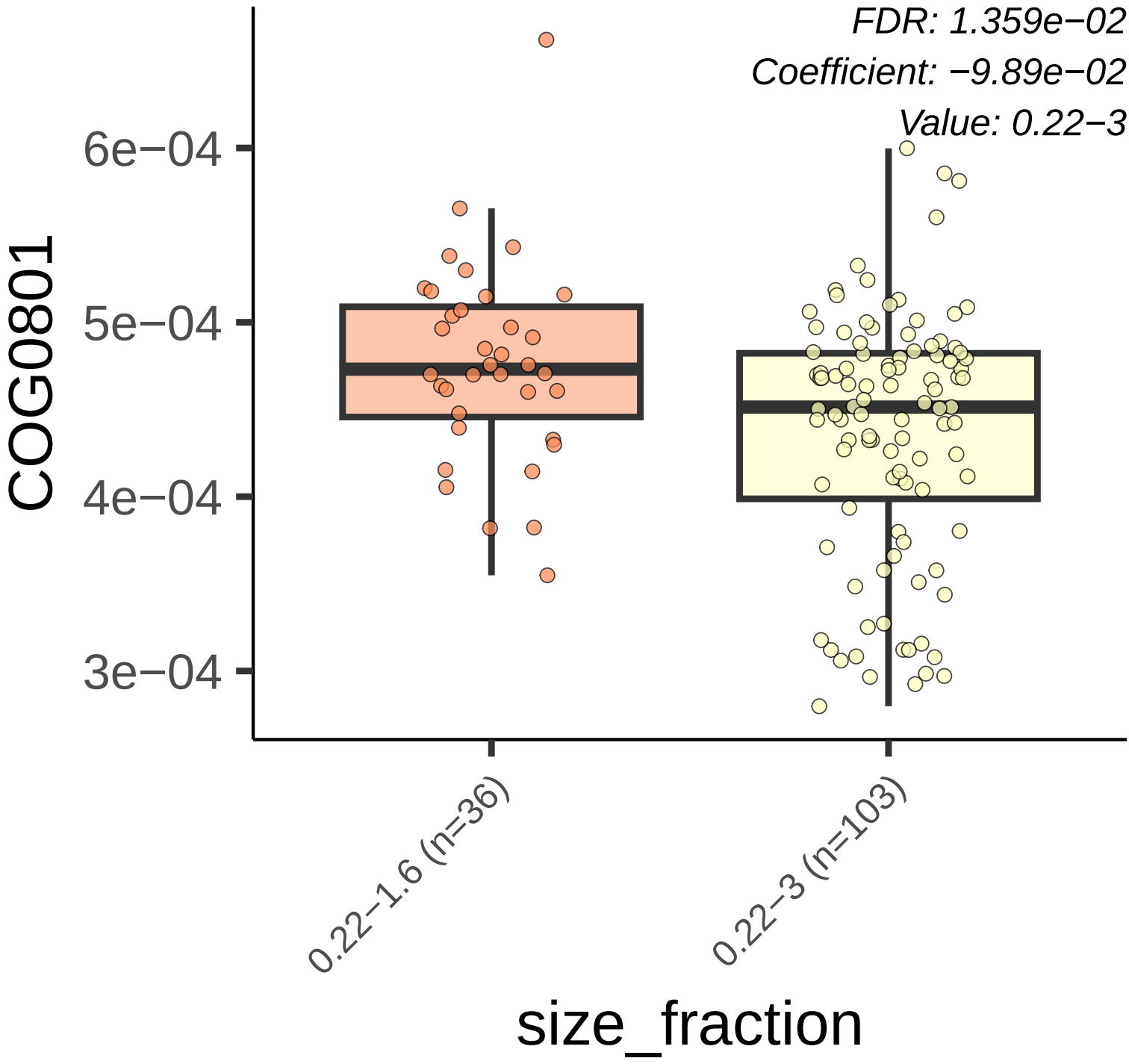

FDR: 1.344e−02
Coefficient: 2.20e+00
Value: 0.22−3
COG2090
0.00012
0.00009
0.00006
0.00003
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

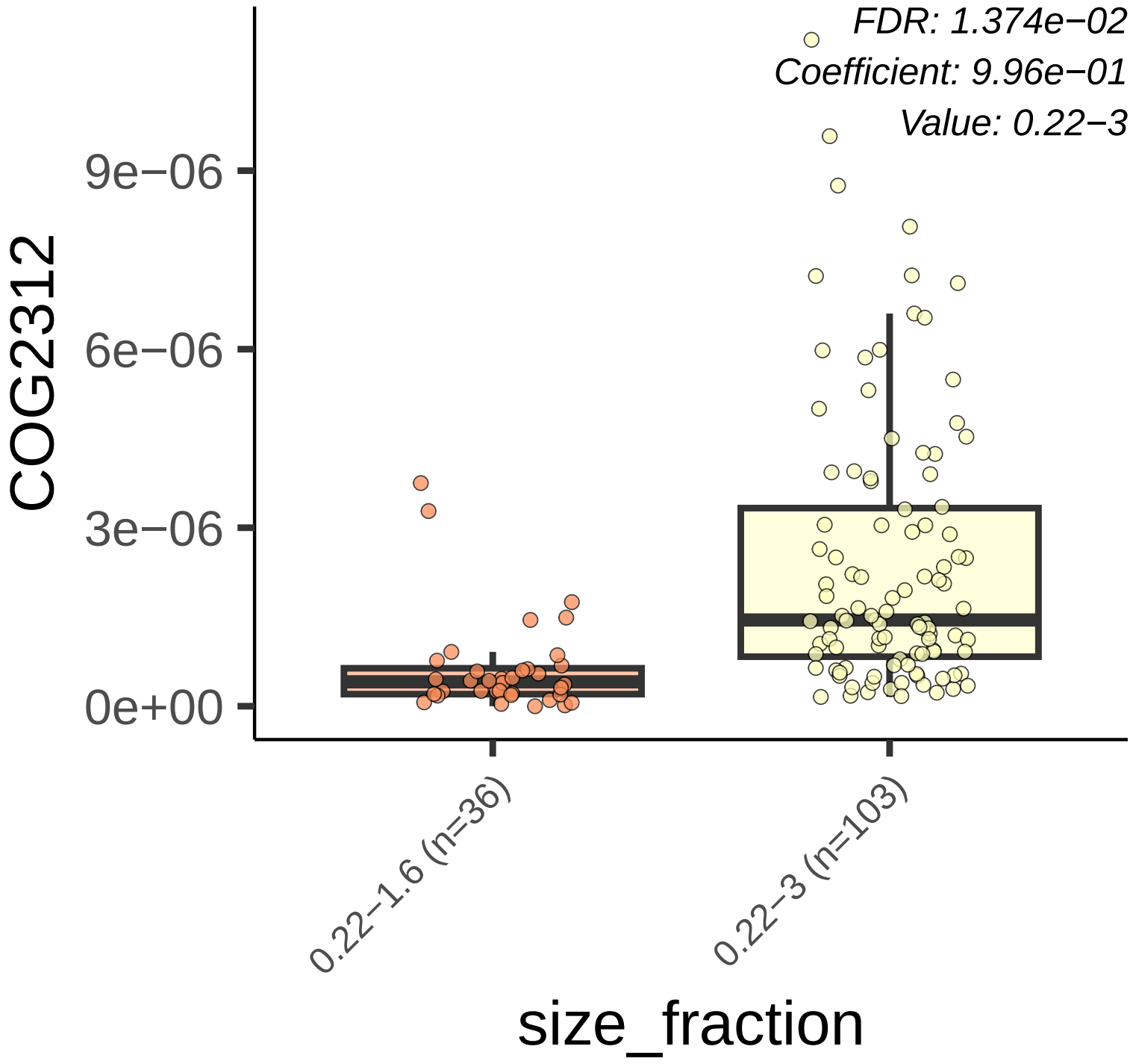

FDR: 1.346e−02
Coefficient: 2.36e+00
Value: 0.22−3
COG1361
3e−04
2e−04
1e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

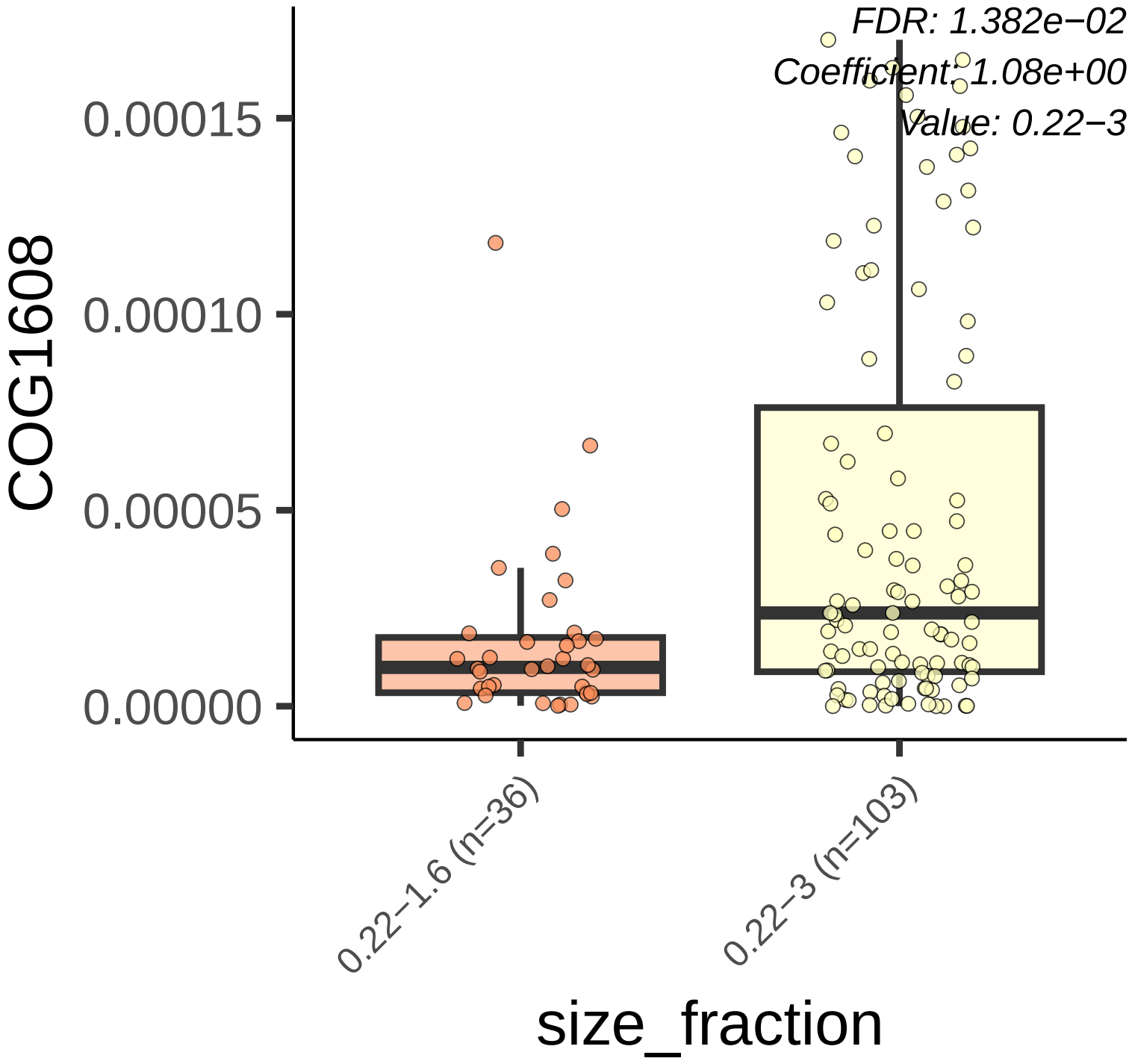

FDR: 1.348e−02
Coefficient: −1.53e−01
Value: 0.22−3
COG0779
0.00035
0.00030
0.00025
0.00020
0.00015
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

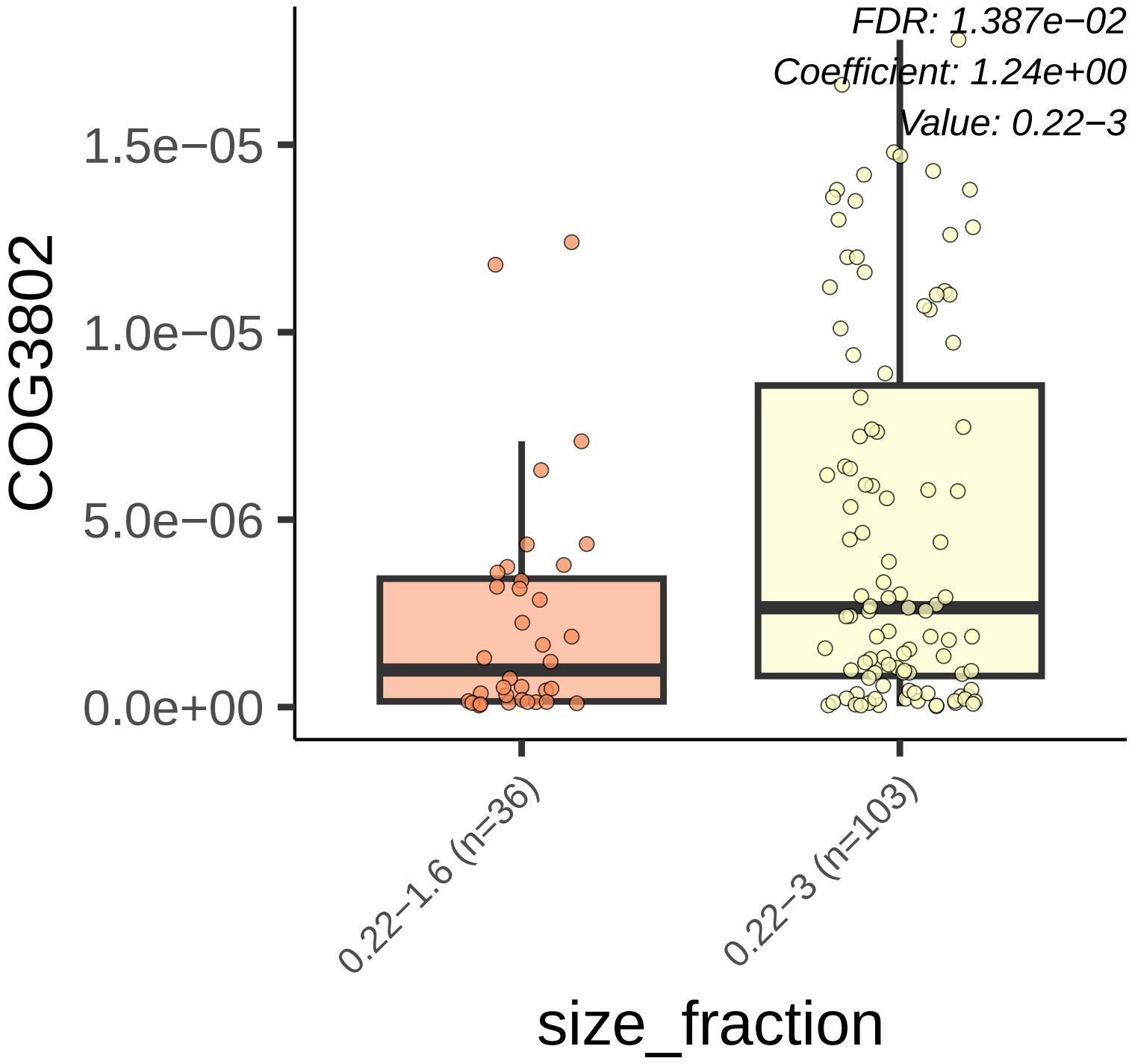

FDR: 1.351e−02
Coefficient: 7.54e−01
Value: 0.22−3
COG4632
5e−05
4e−05
3e−05
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

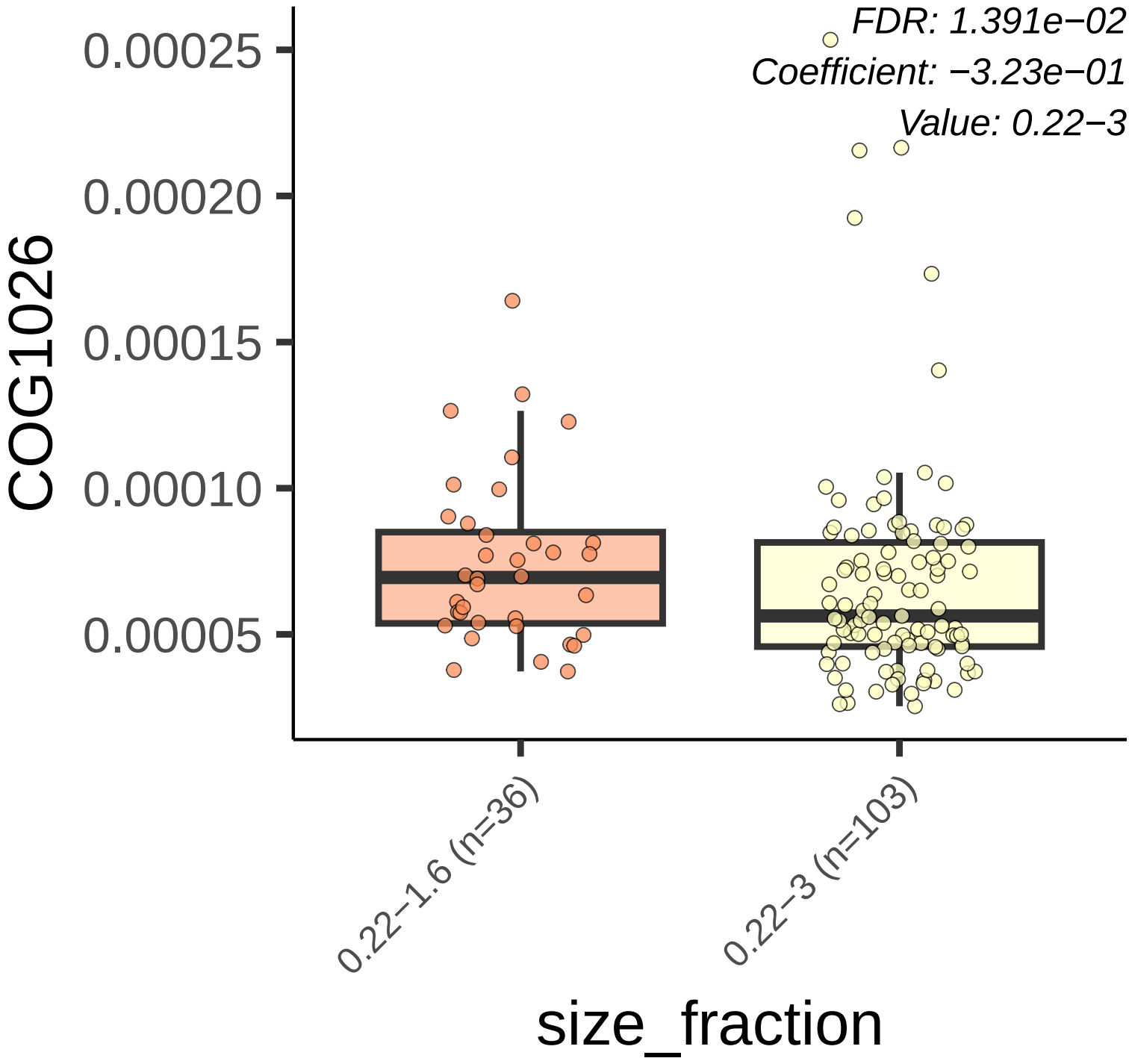

FDR: 1.356e−02
Coefficient: −8.63e−02
Value: 0.22−3
6e−04
5e−04
4e−04
3e−04
COG0345
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

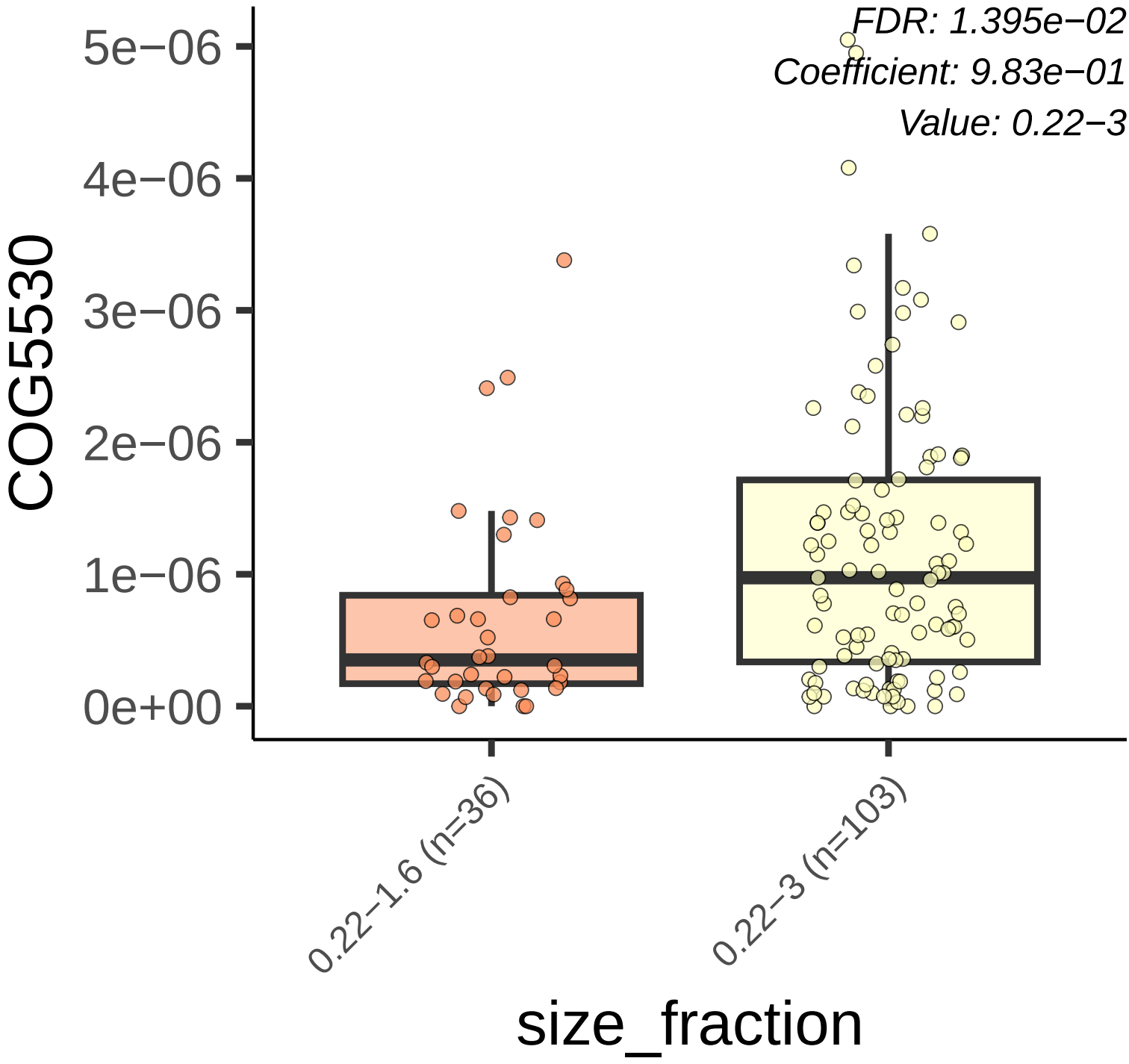

FDR: 1.359e−02
Coefficient: −9.89e−02
Value: 0.22−3
COG0801
6e−04
5e−04
4e−04
3e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

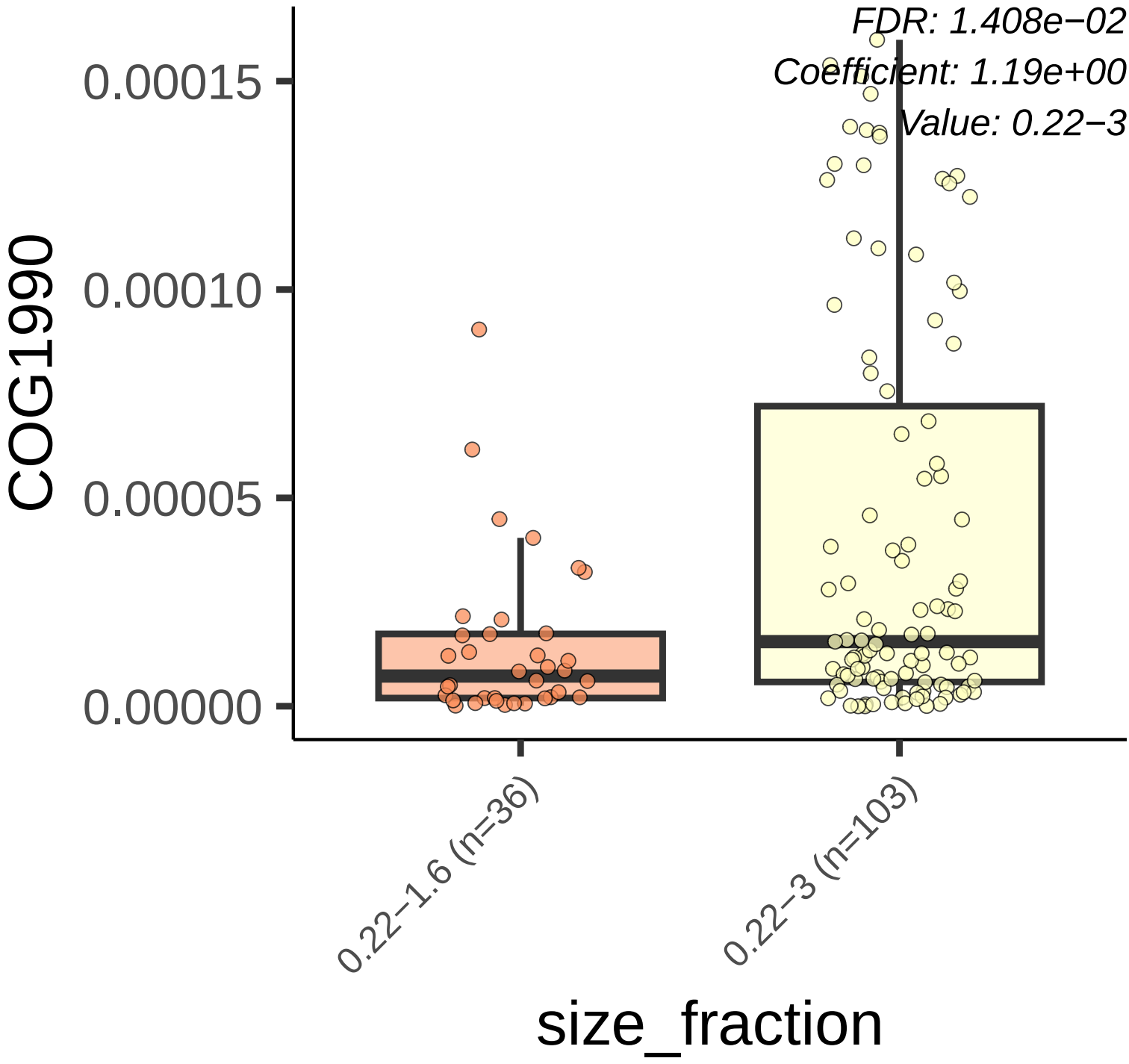

FDR: 1.374e−02
Coefficient: 9.96e−01
Value: 0.22−3
COG2312
9e−06
6e−06
3e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

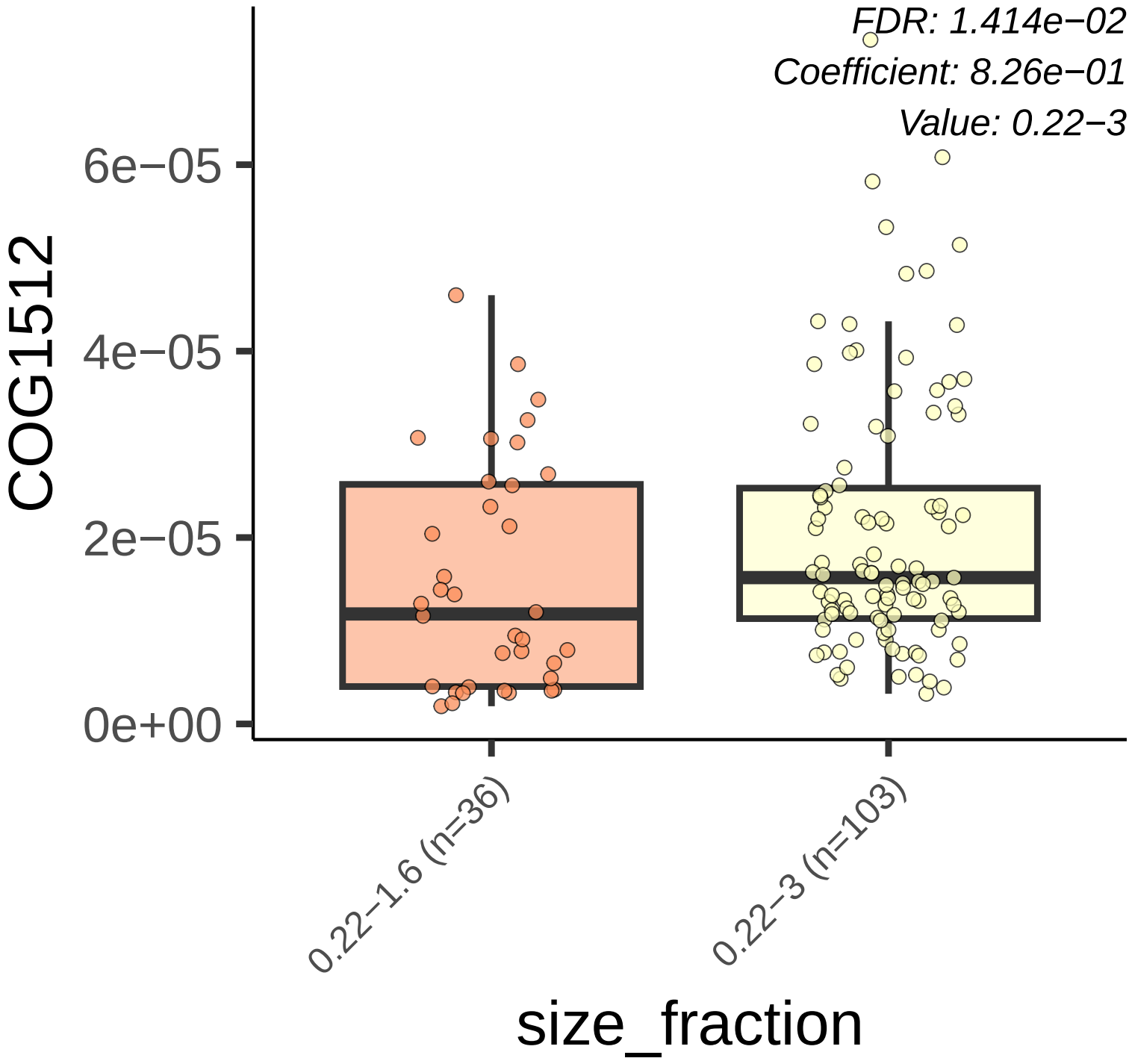

FDR: 1.382e−02
Coefficient: 1.08e+00
Value: 0.22−3
COG1608
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

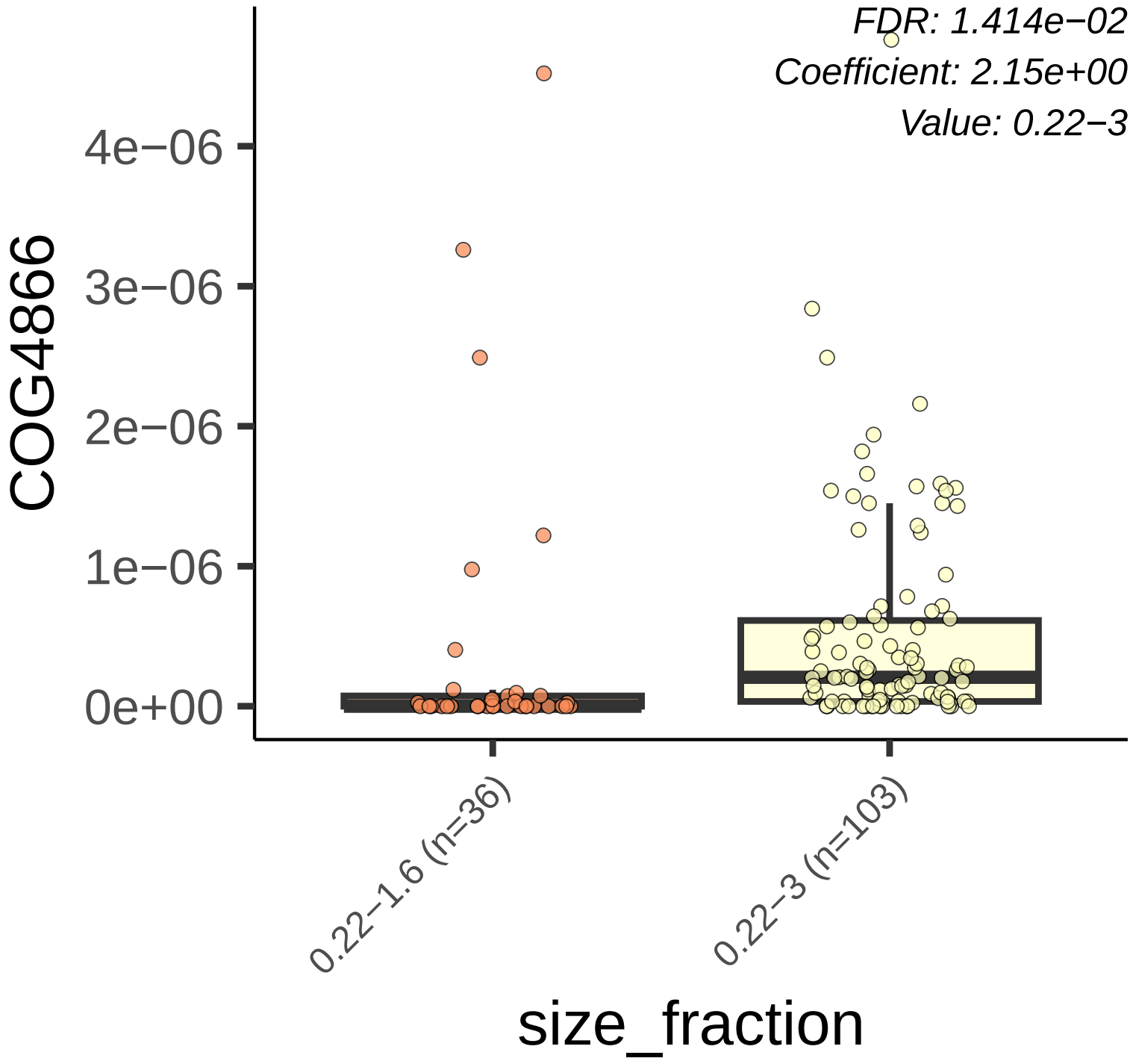

FDR: 1.387e−02
Coefficient: 1.24e+00
Value: 0.22−3
COG3802
1.5e−05
1.0e−05
5.0e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

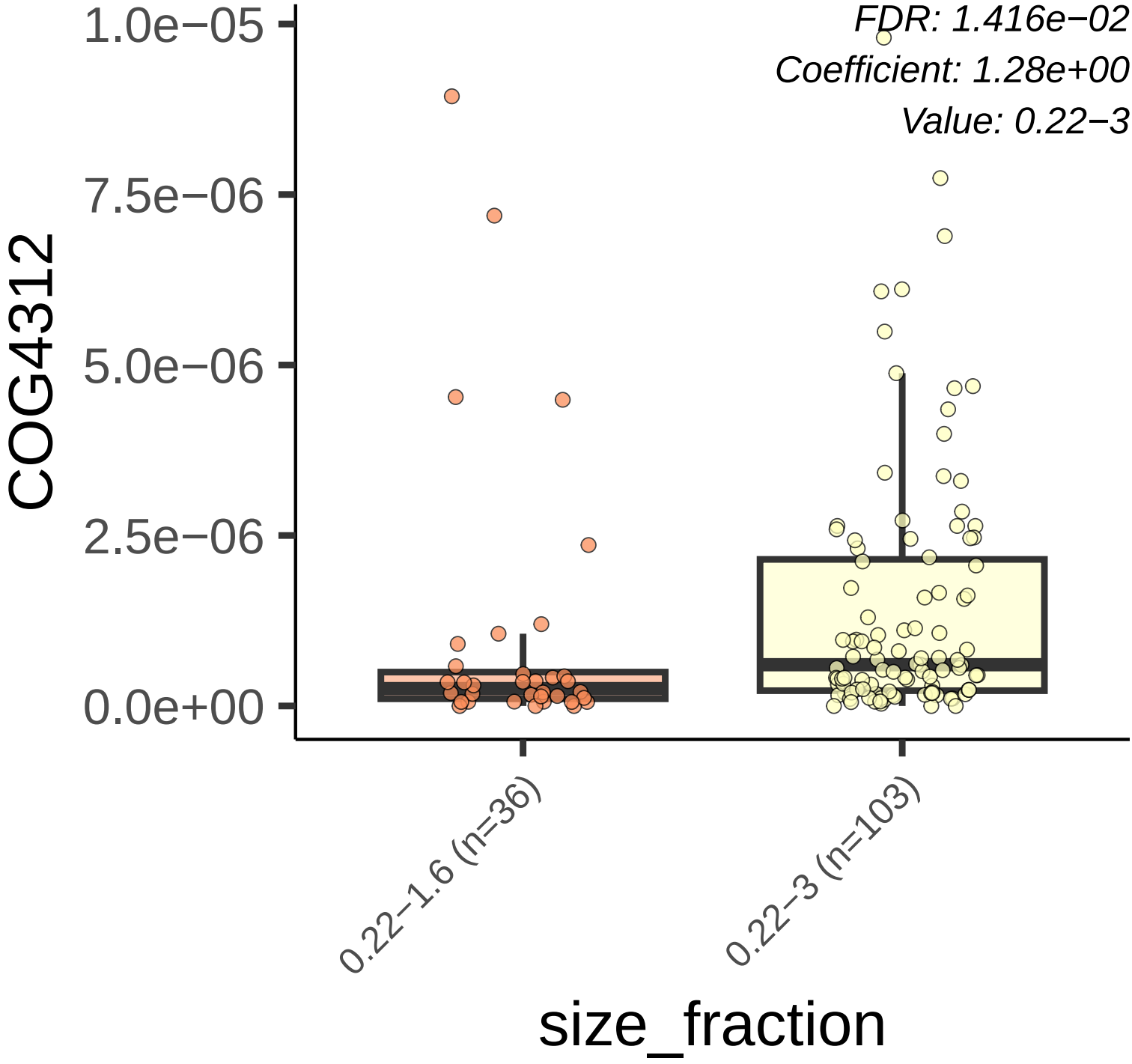

FDR: 1.391e−02
Coefficient: −3.23e−01
Value: 0.22−3
COG1026
0.00025
0.00020
0.00015
0.00010
0.00005
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

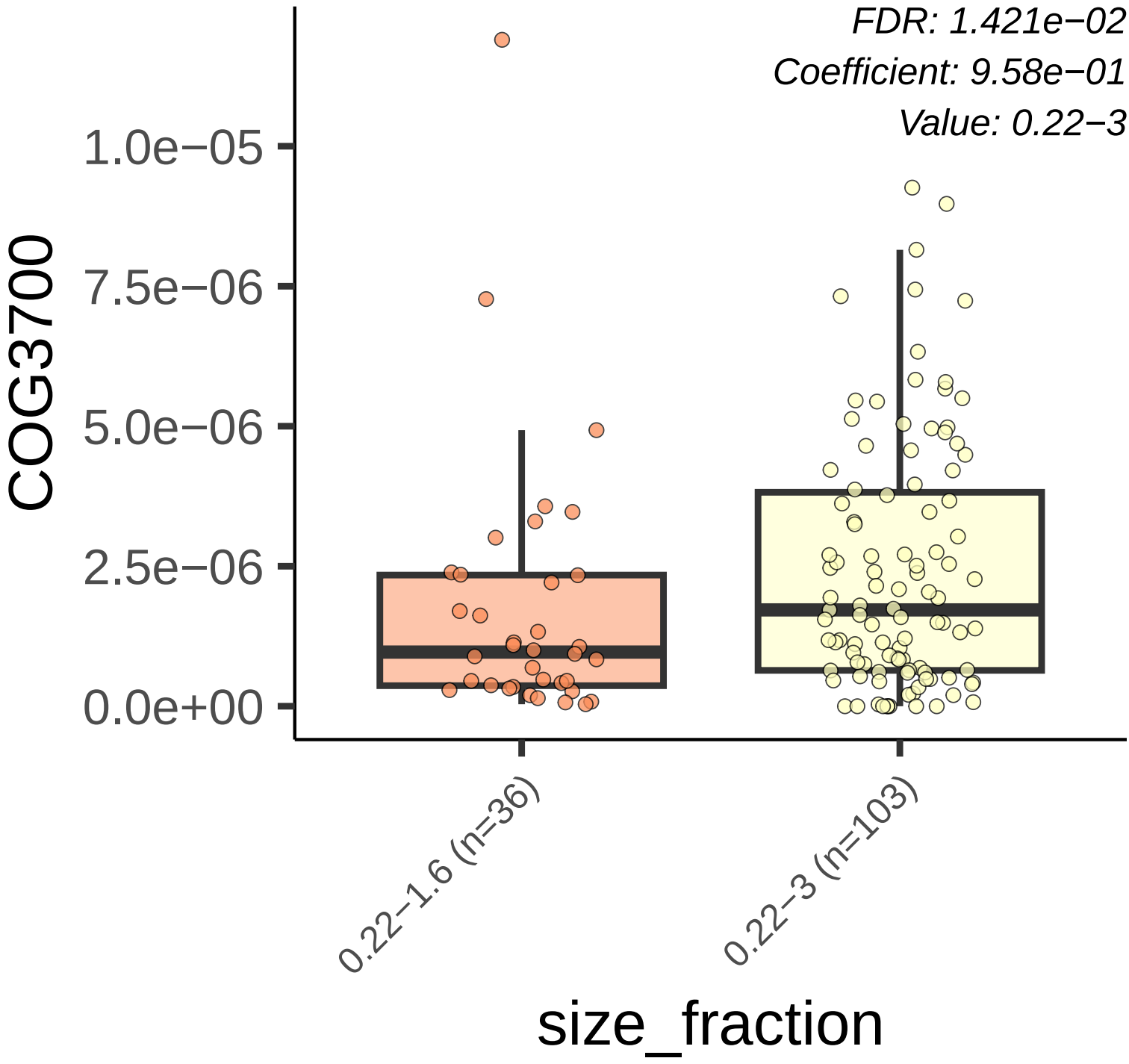

FDR: 1.395e−02
Coefficient: 9.83e−01
Value: 0.22−3
COG5530
5e−06
4e−06
3e−06
2e−06
1e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

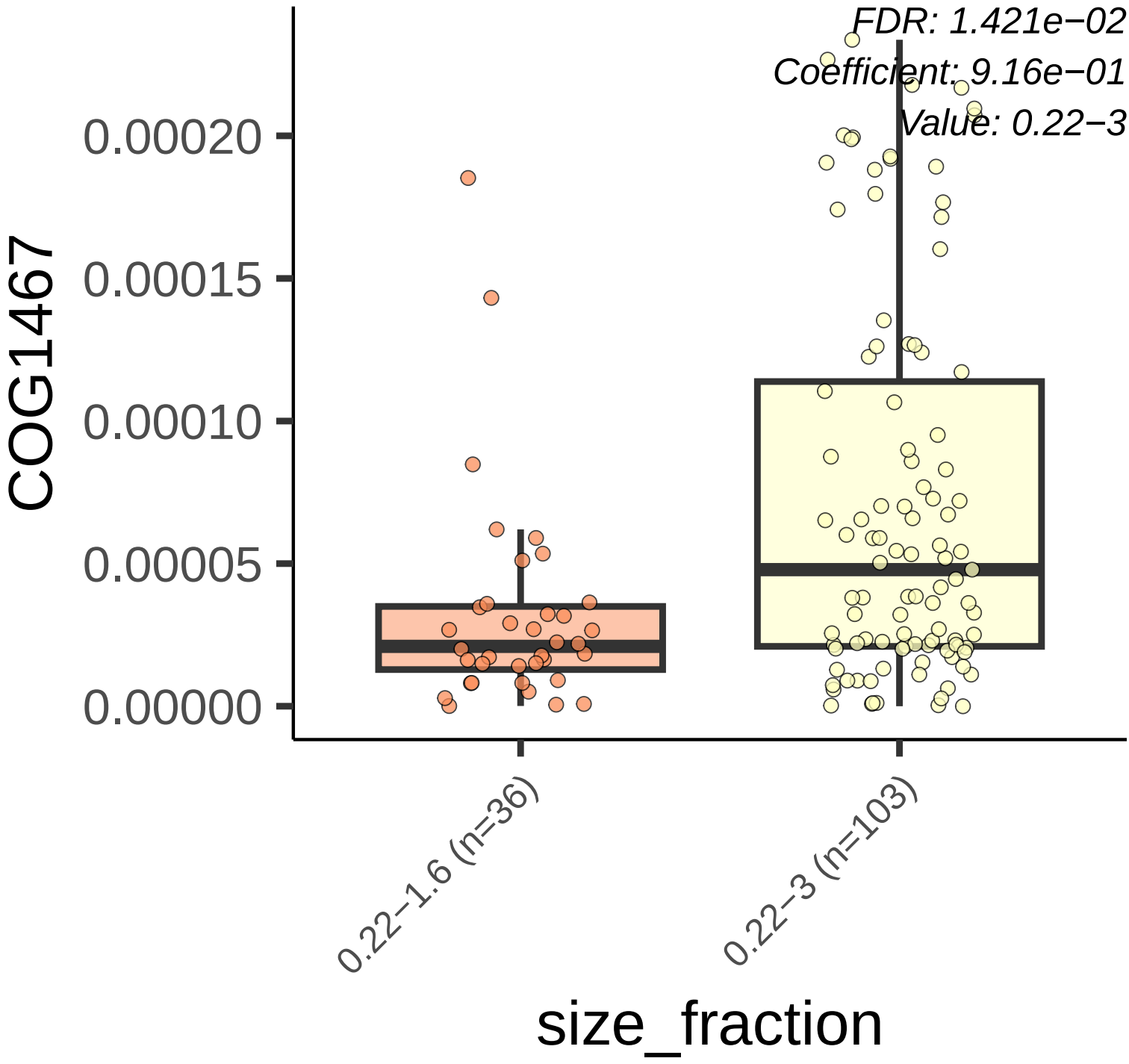

FDR: 1.408e−02
Coefficient: 1.19e+00
Value: 0.22−3
COG1990
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

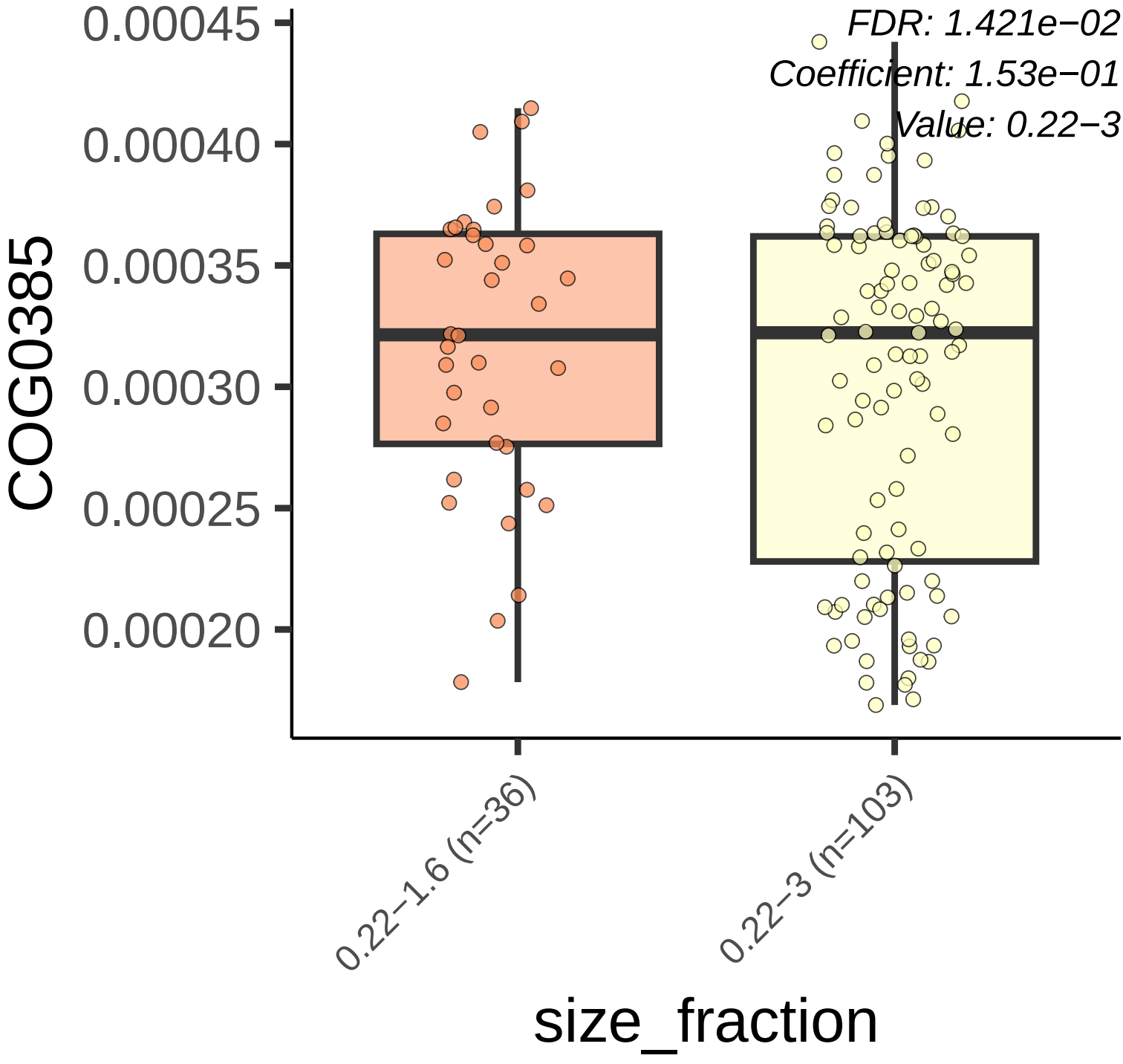

FDR: 1.414e−02
Coefficient: 8.26e−01
Value: 0.22−3
COG1512
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

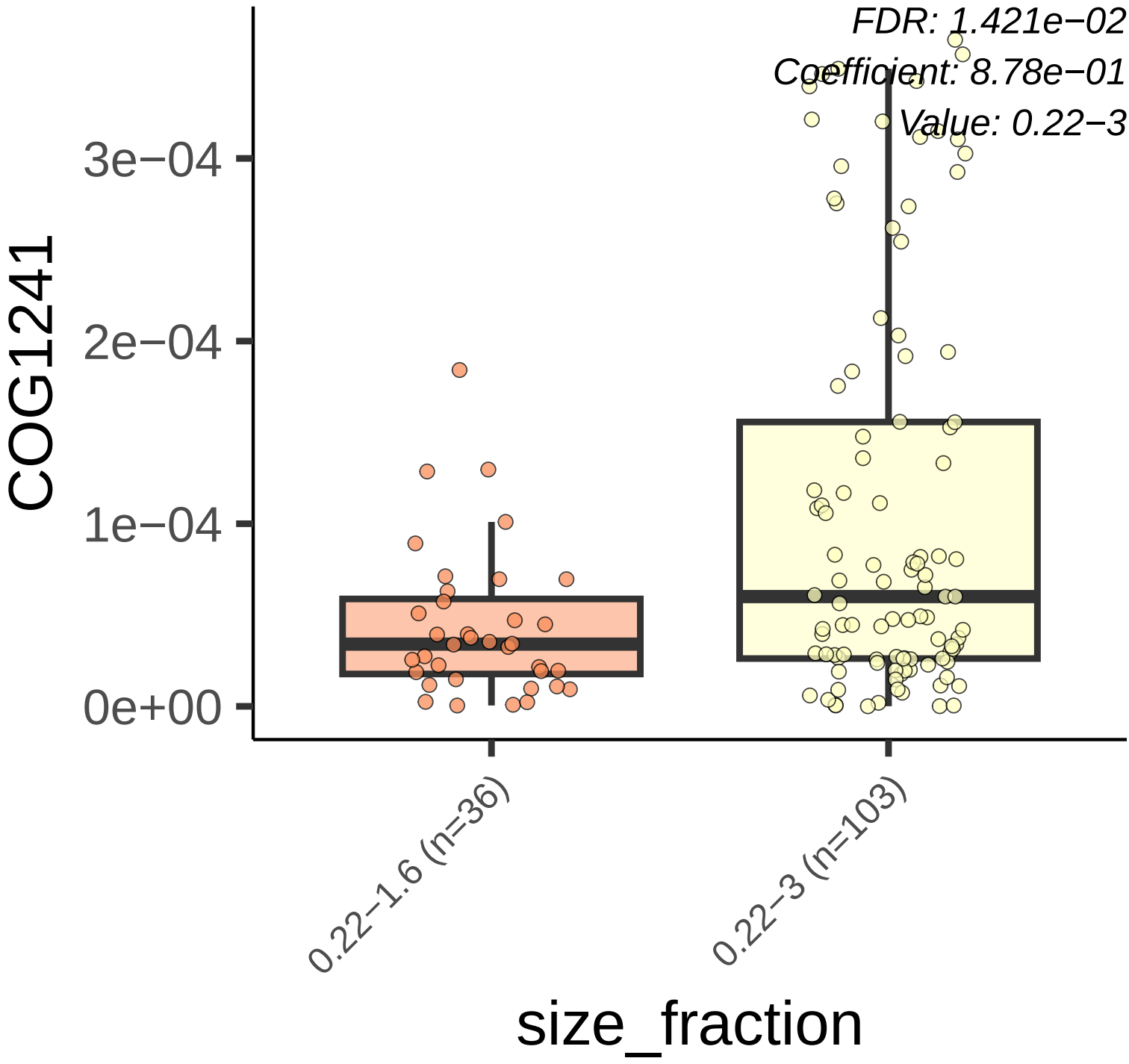

FDR: 1.414e−02
Coefficient: 2.15e+00
Value: 0.22−3
COG4866
4e−06
3e−06
2e−06
1e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

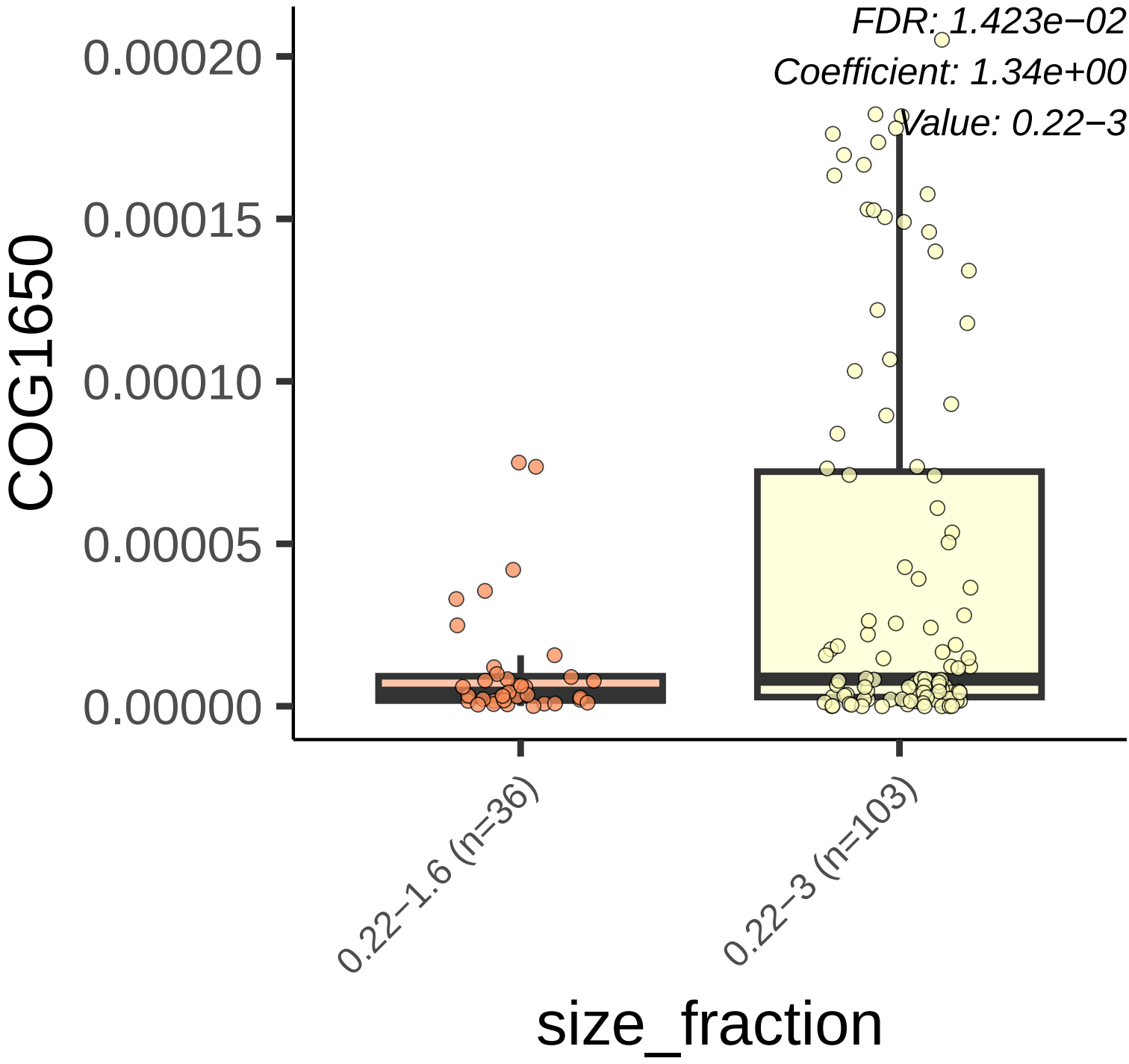

FDR: 1.416e−02
Coefficient: 1.28e+00
Value: 0.22−3
COG4312
1.0e−05
7.5e−06
5.0e−06
2.5e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

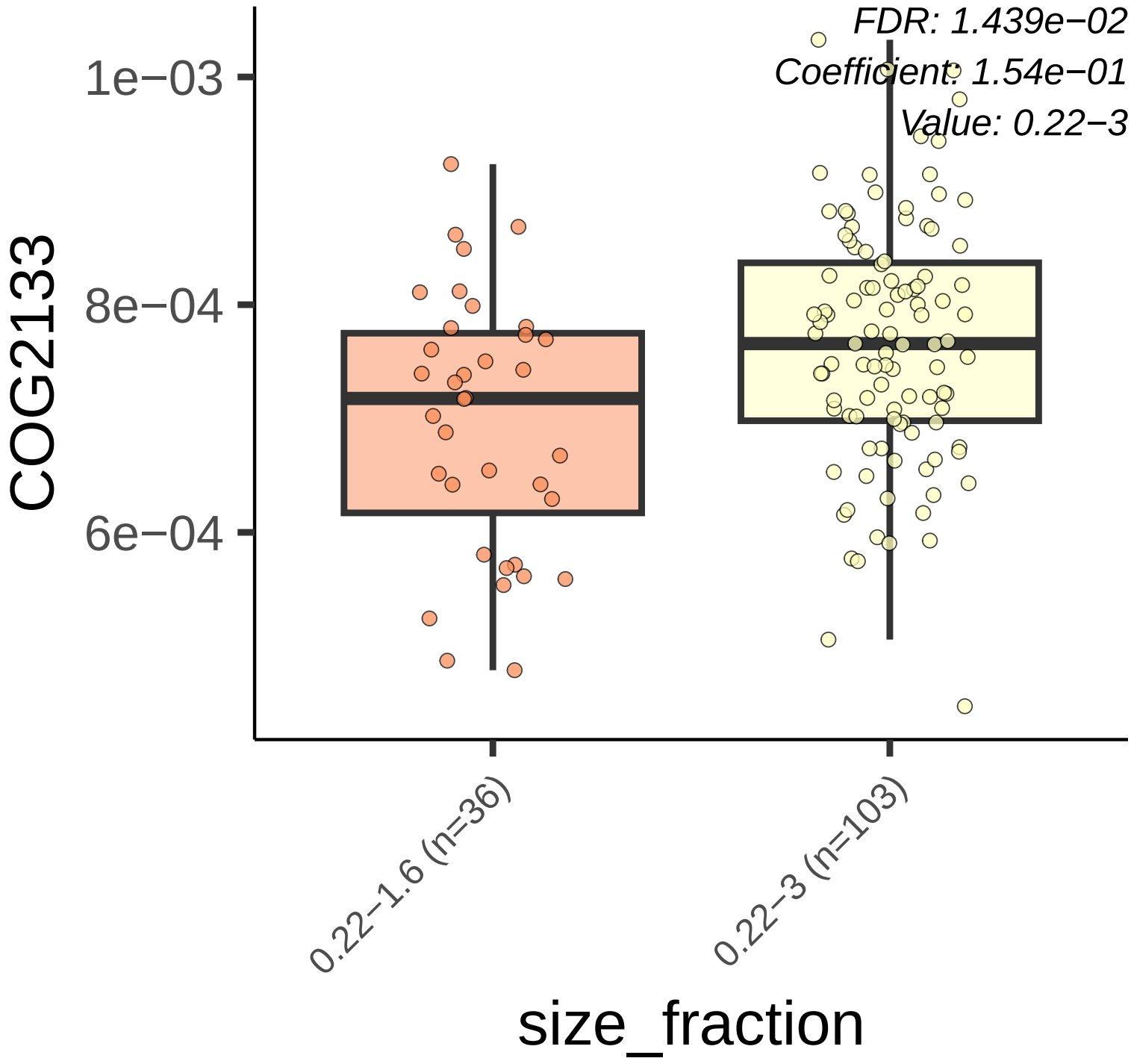

FDR: 1.421e−02
Coefficient: 9.58e−01
Value: 0.22−3
COG3700
1.0e−05
7.5e−06
5.0e−06
2.5e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

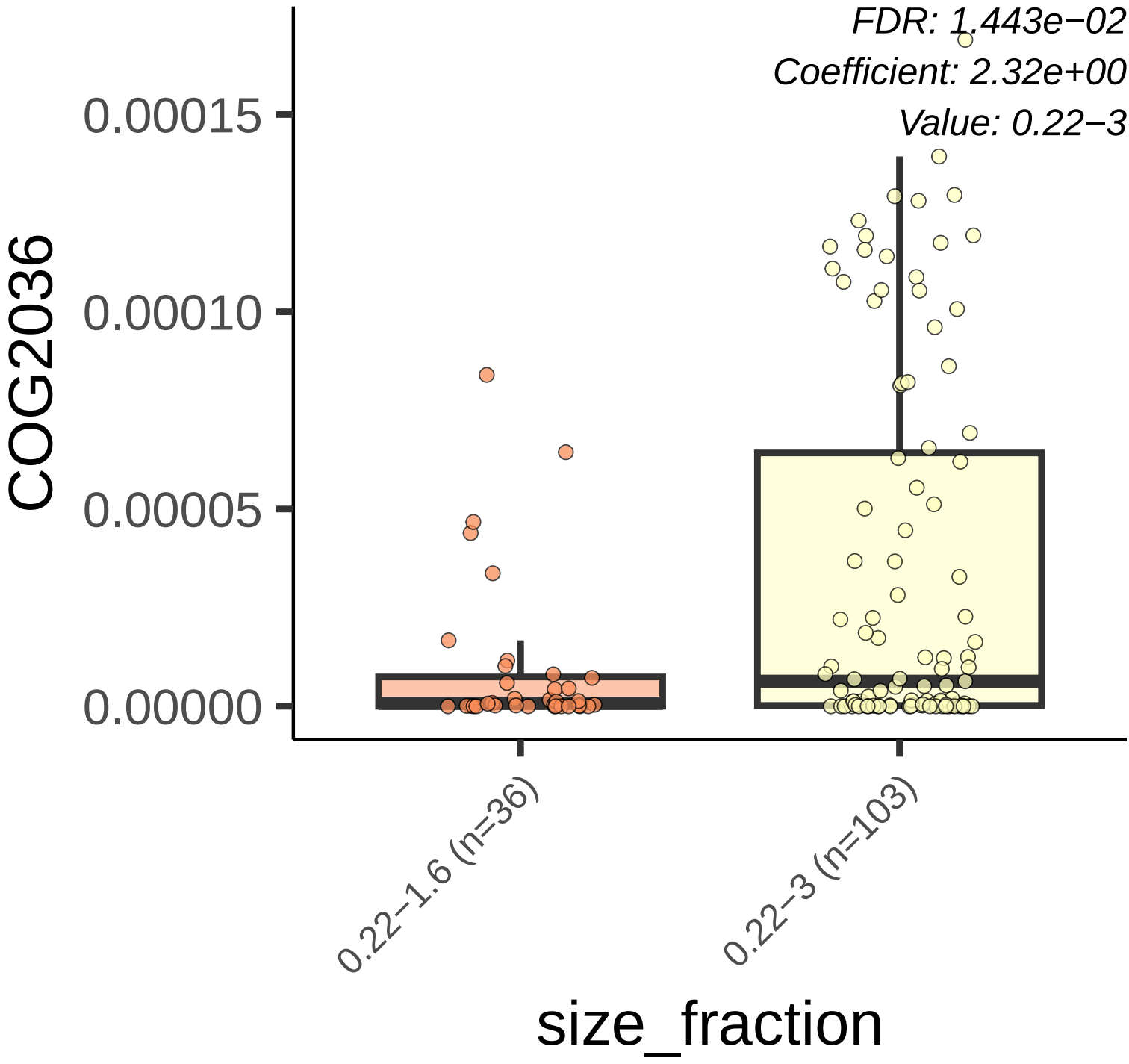

FDR: 1.421e−02
Coefficient: 9.16e−01
Value: 0.22−3
COG1467
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

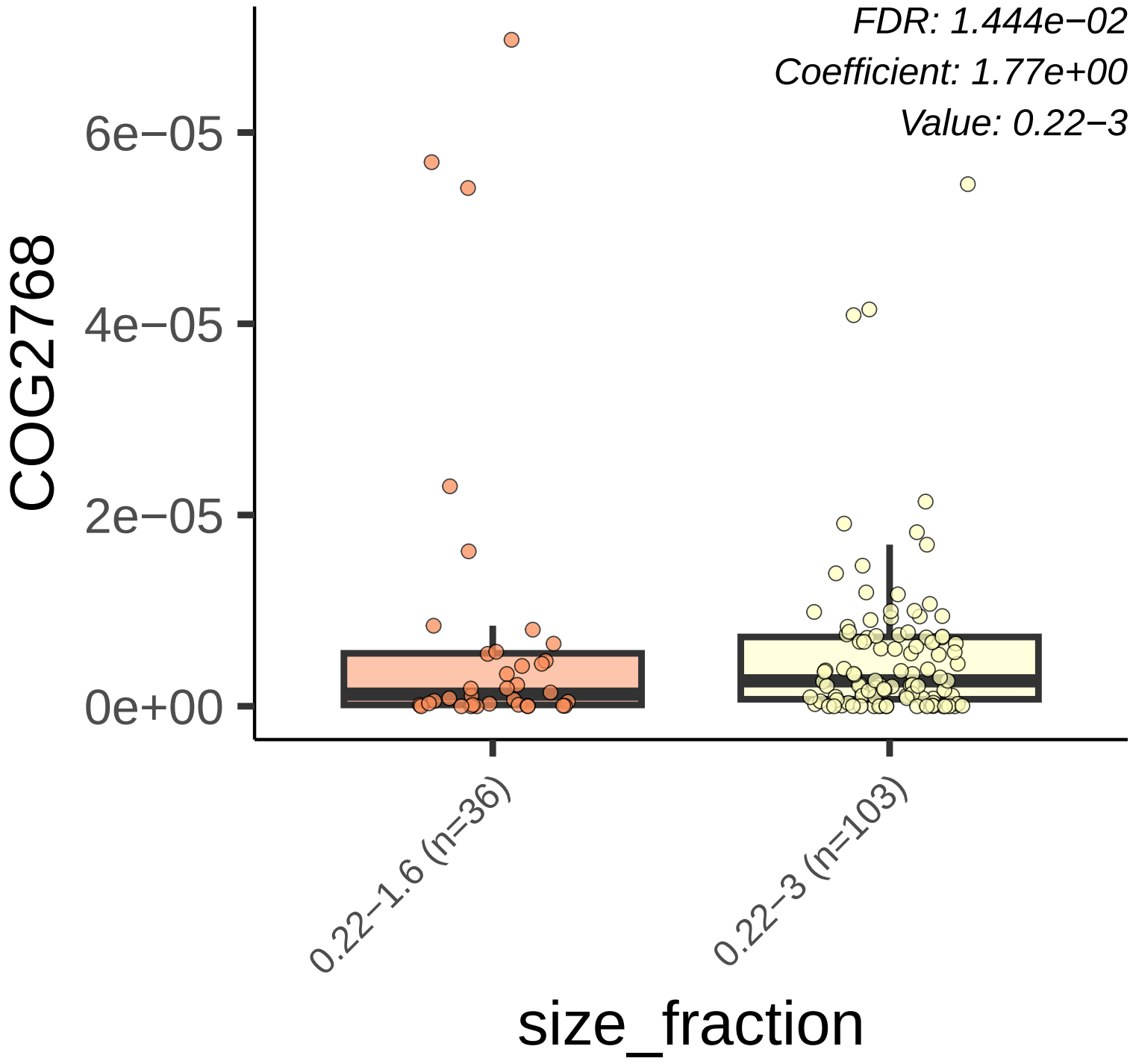

FDR: 1.421e−02
Coefficient: 1.53e−01
Value: 0.22−3
COG0385
0.00045
0.00040
0.00035
0.00030
0.00025
0.00020
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

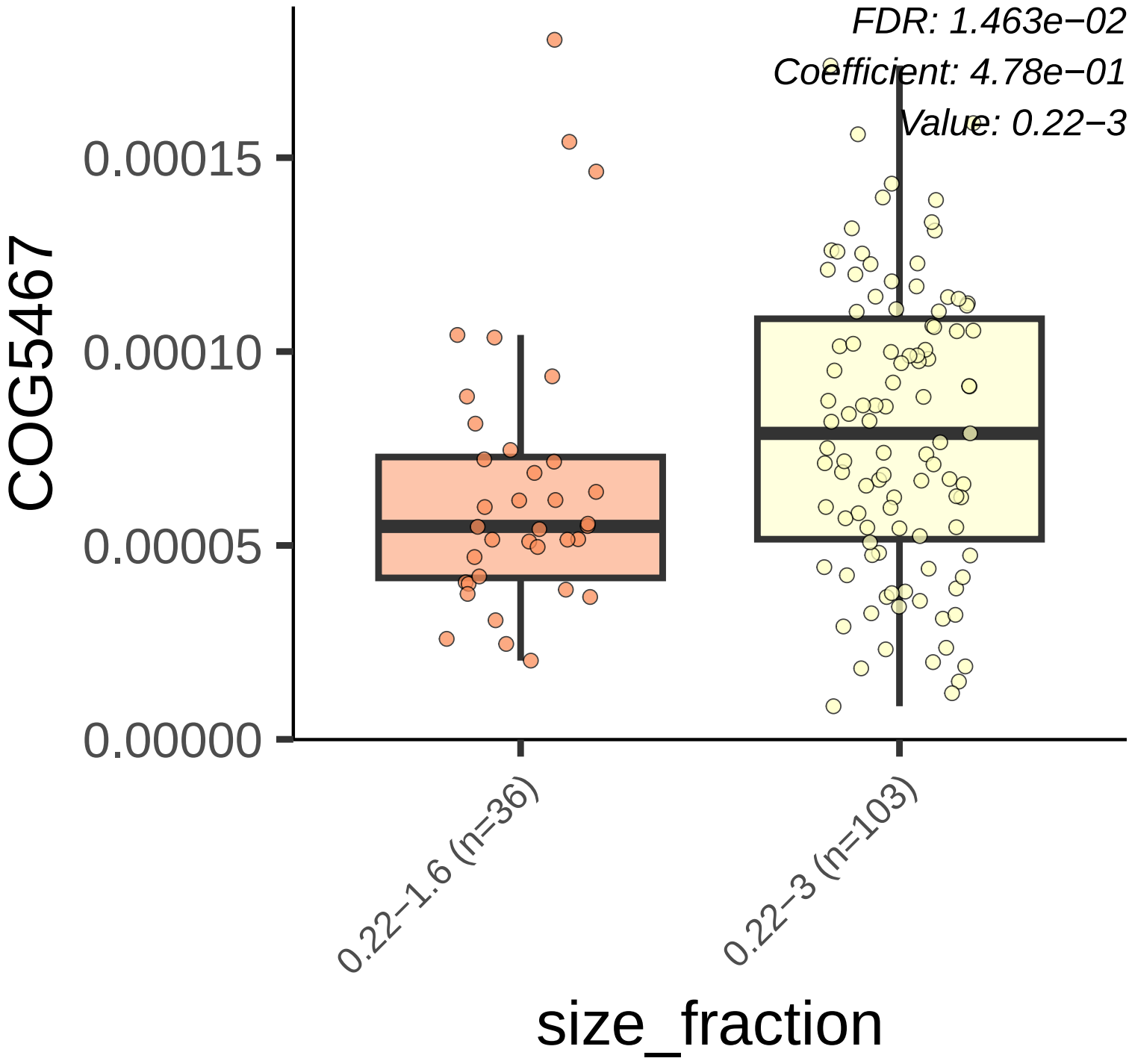

FDR: 1.421e−02
Coefficient: 8.78e−01
Value: 0.22−3
COG1241
3e−04
2e−04
1e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

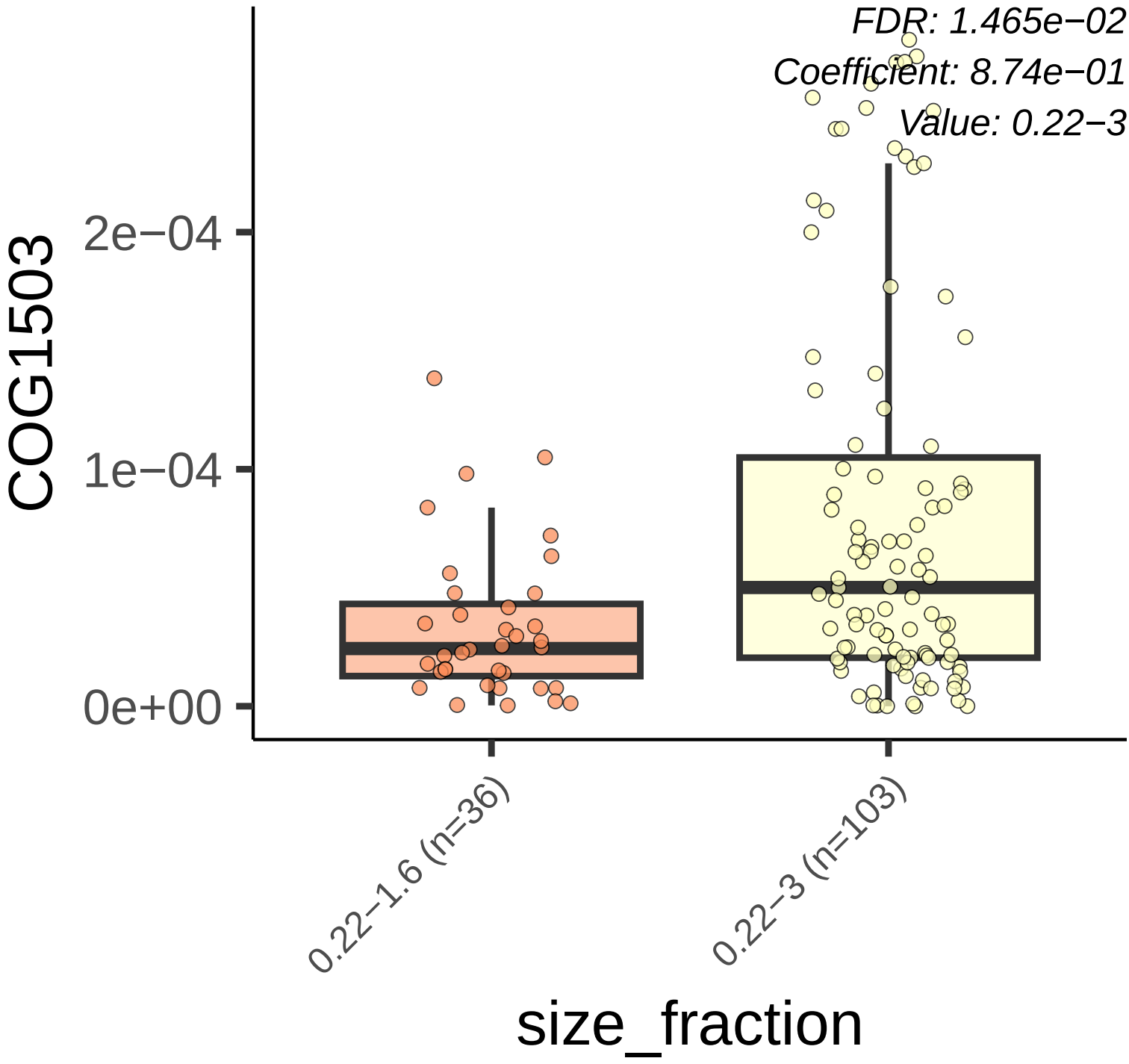

FDR: 1.423e−02
Coefficient: 1.34e+00
Value: 0.22−3
COG1650
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

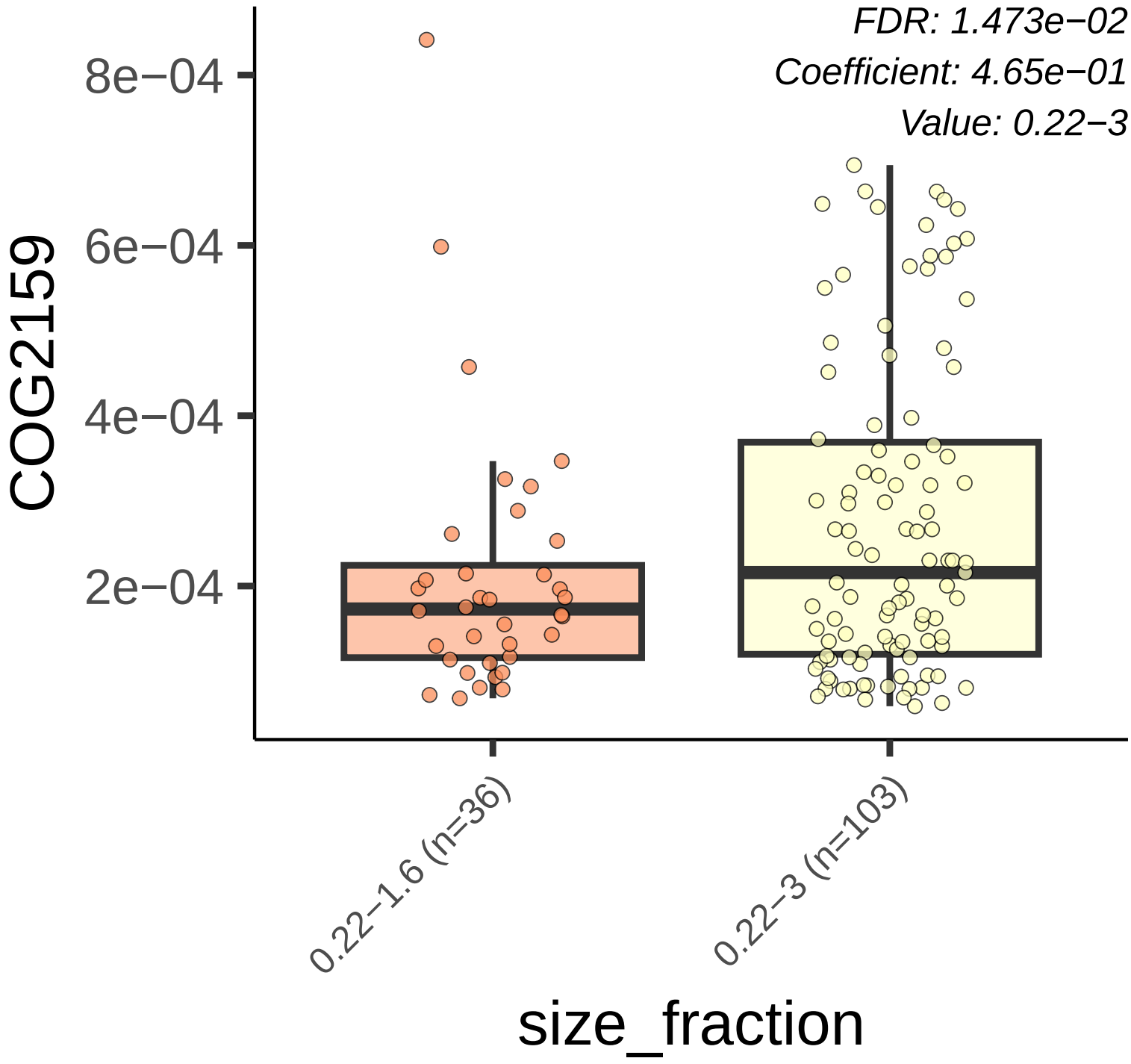

FDR: 1.439e−02
Coefficient: 1.54e−01
Value: 0.22−3
1e−03
8e−04
6e−04
COG2133
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

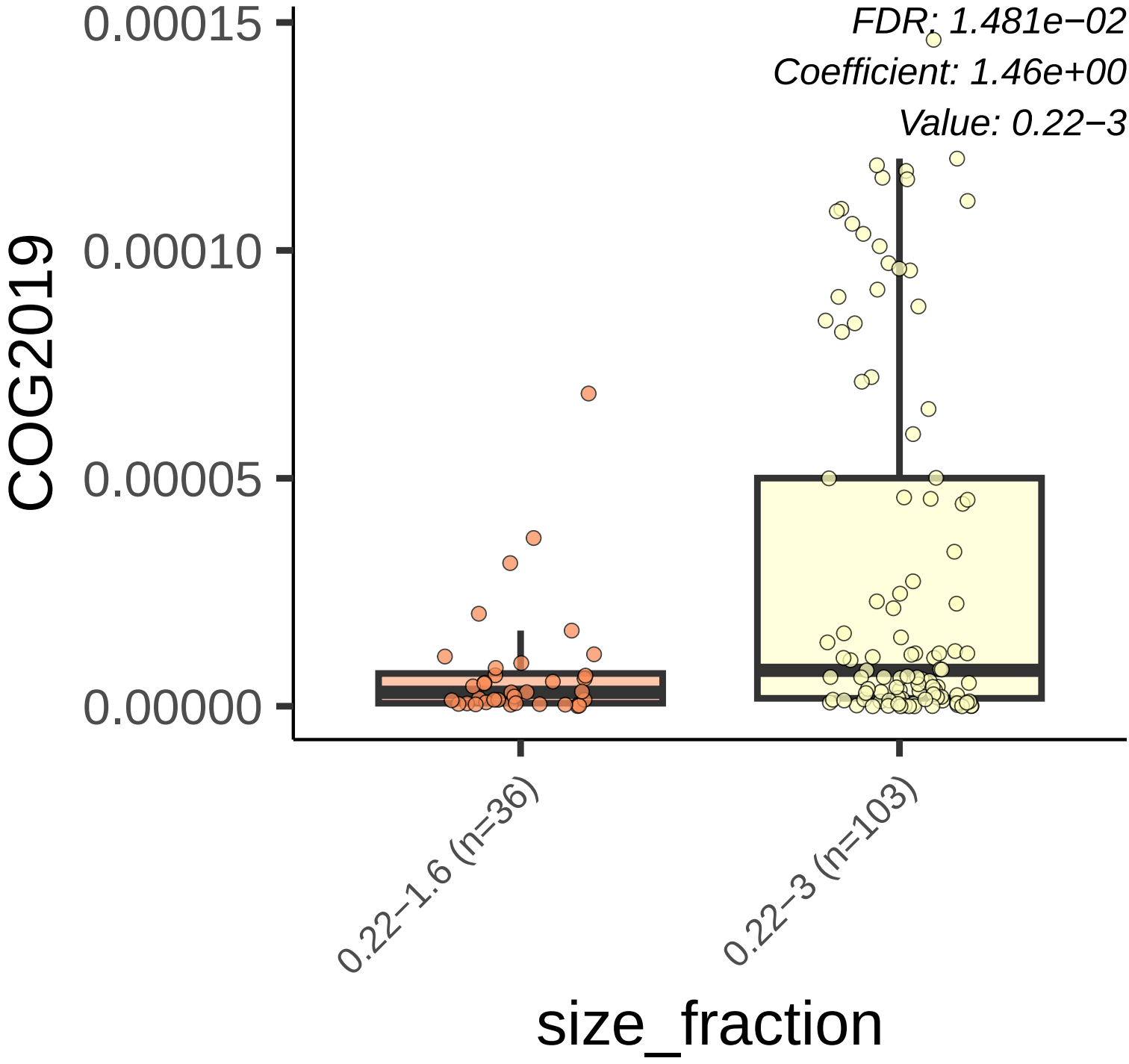

FDR: 1.443e−02
Coefficient: 2.32e+00
Value: 0.22−3
COG2036
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

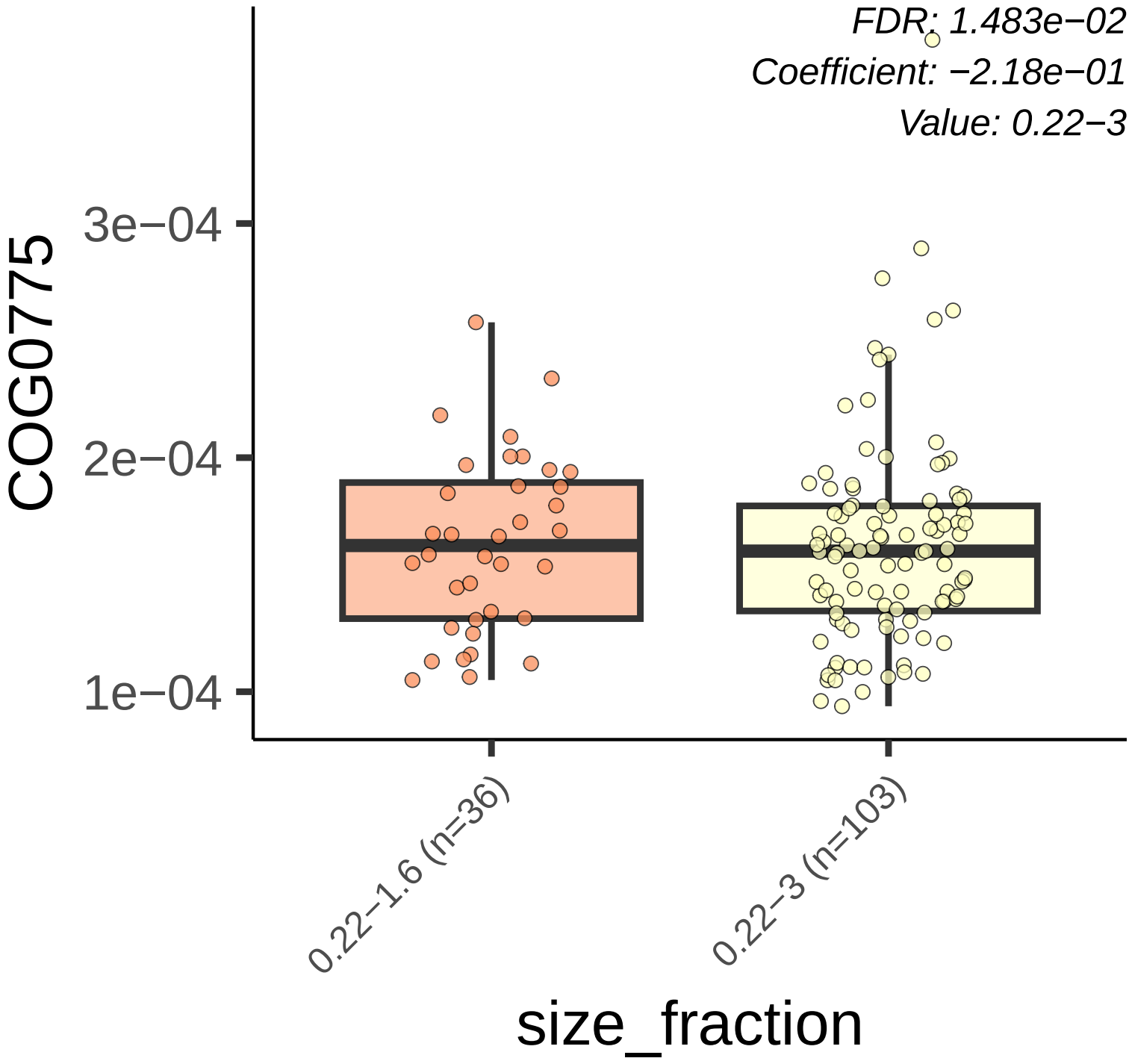

FDR: 1.444e−02
Coefficient: 1.77e+00
Value: 0.22−3
COG2768
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

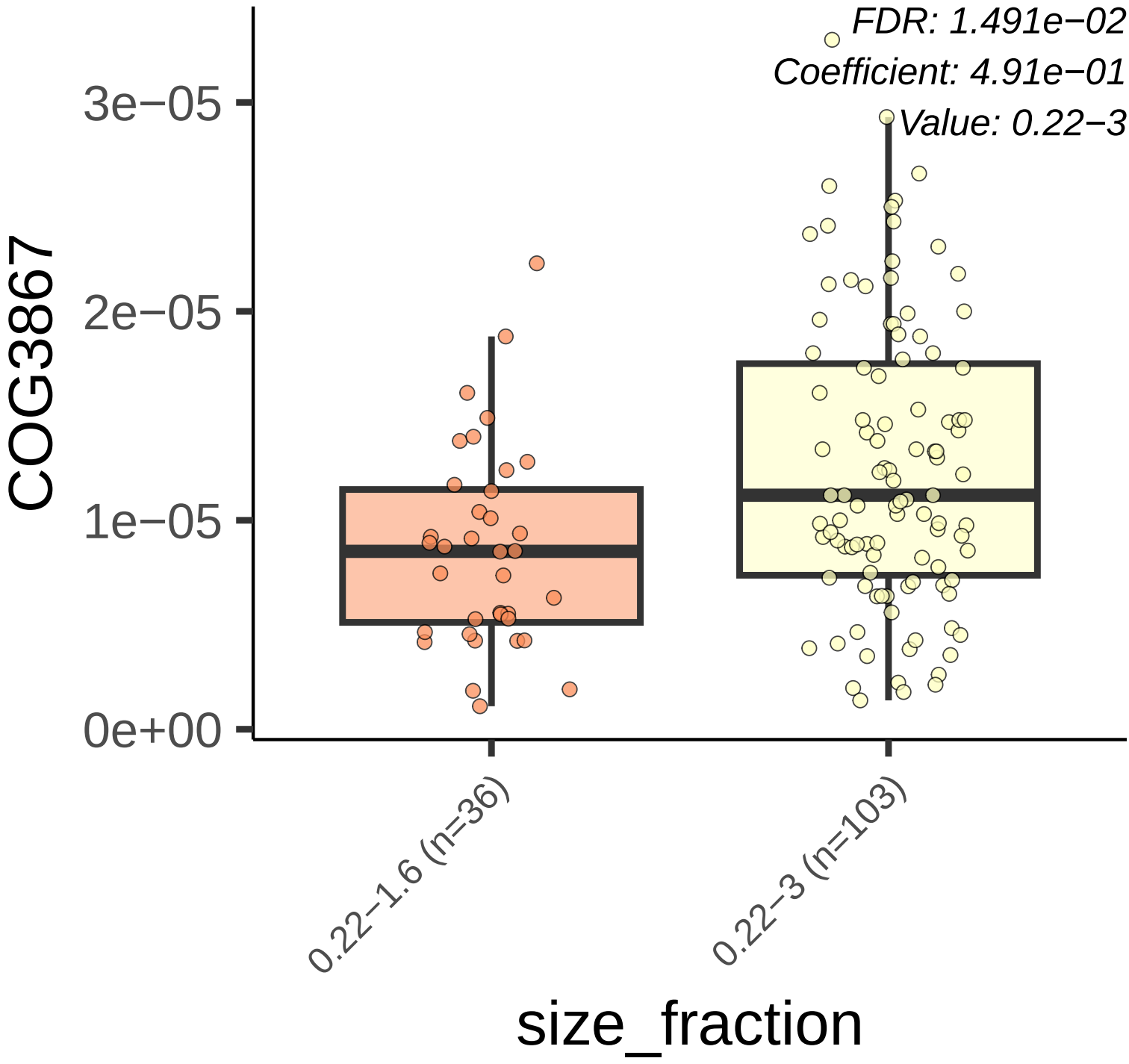

FDR: 1.463e−02
Coefficient: 4.78e−01
Value: 0.22−3
COG5467
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

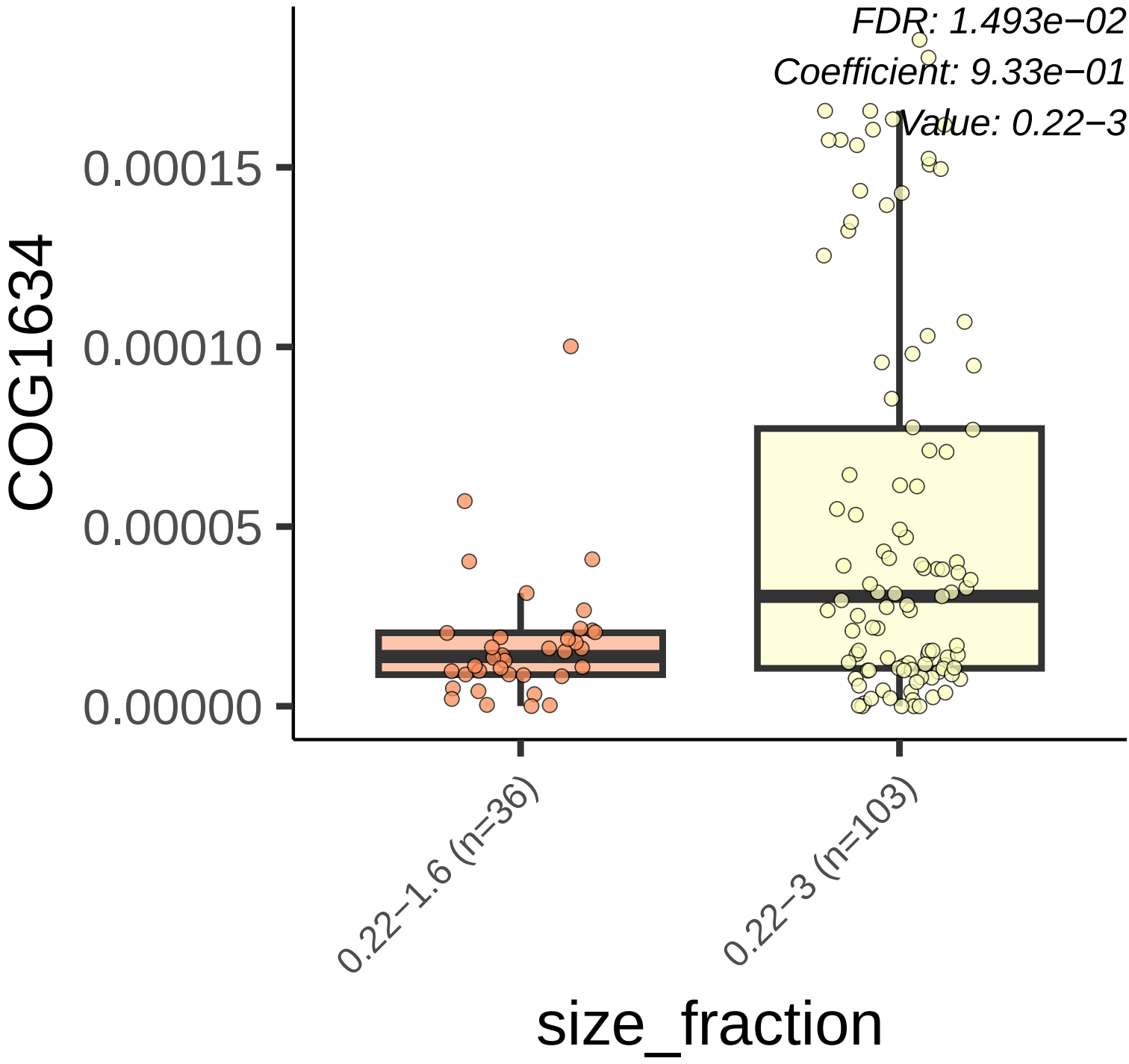

FDR: 1.465e−02
Coefficient: 8.74e−01
Value: 0.22−3
COG1503
2e−04
1e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

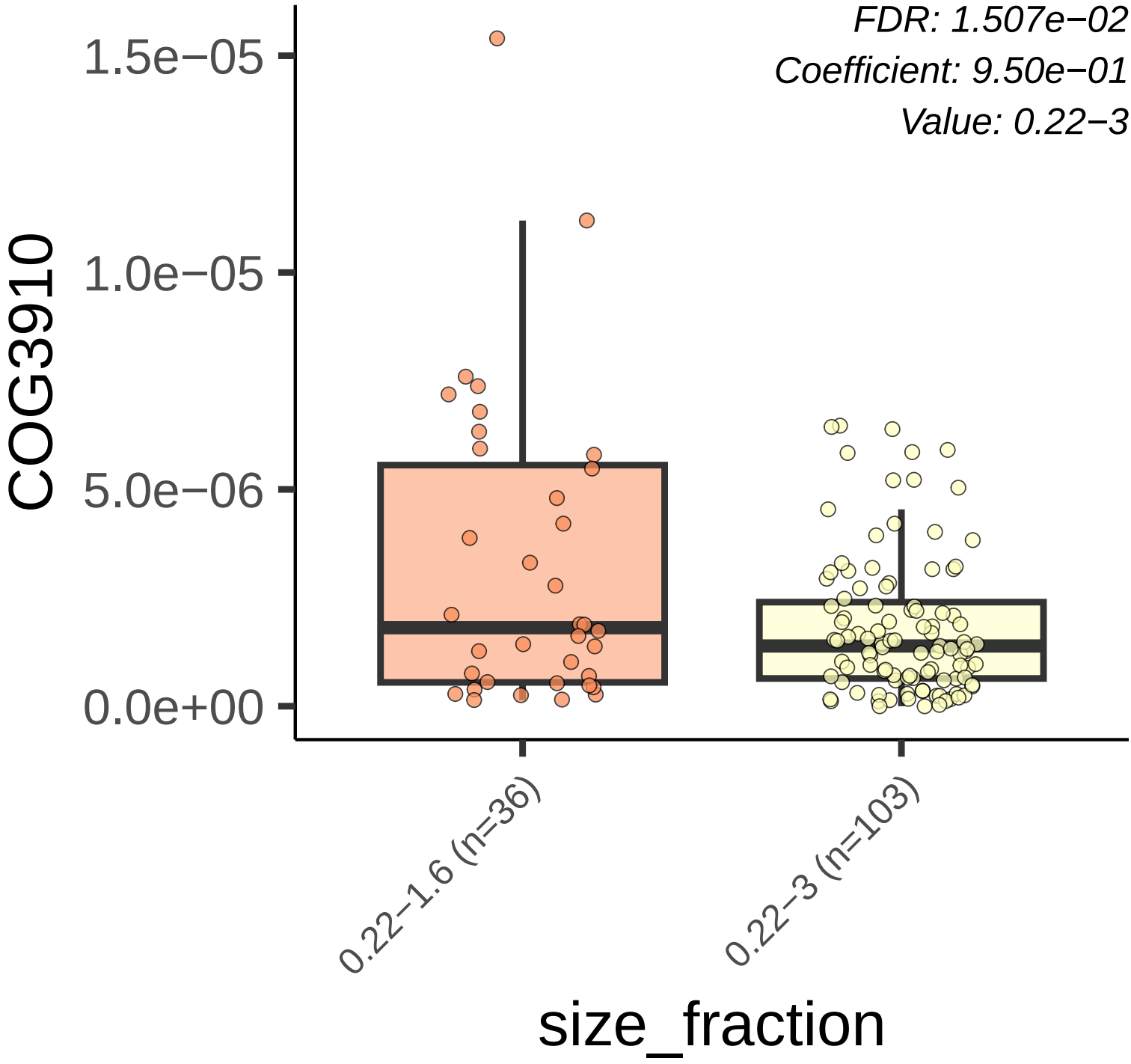

FDR: 1.473e−02
Coefficient: 4.65e−01
Value: 0.22−3
COG2159
8e−04
6e−04
4e−04
2e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

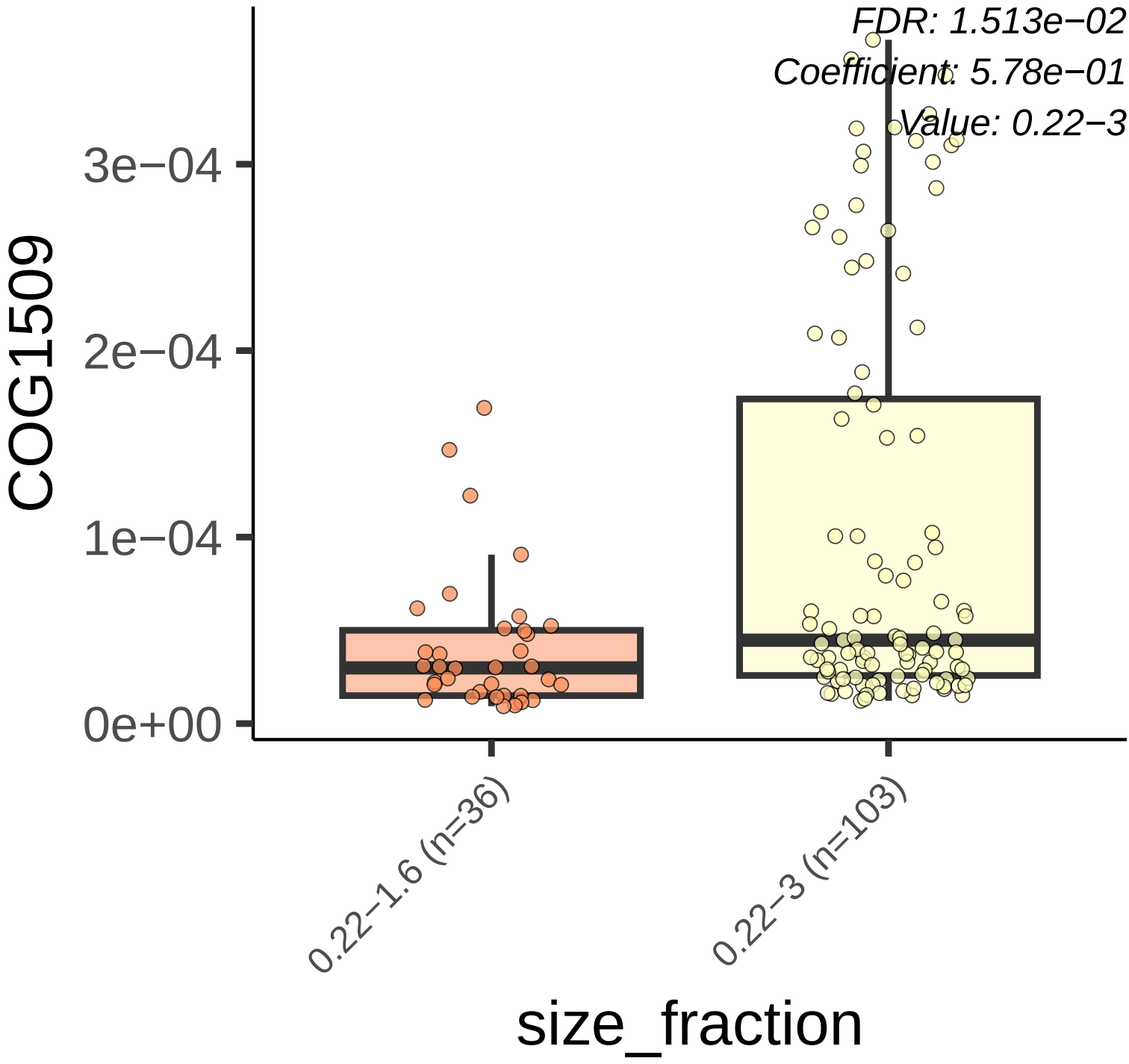

FDR: 1.481e−02
Coefficient: 1.46e+00
Value: 0.22−3
COG2019
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

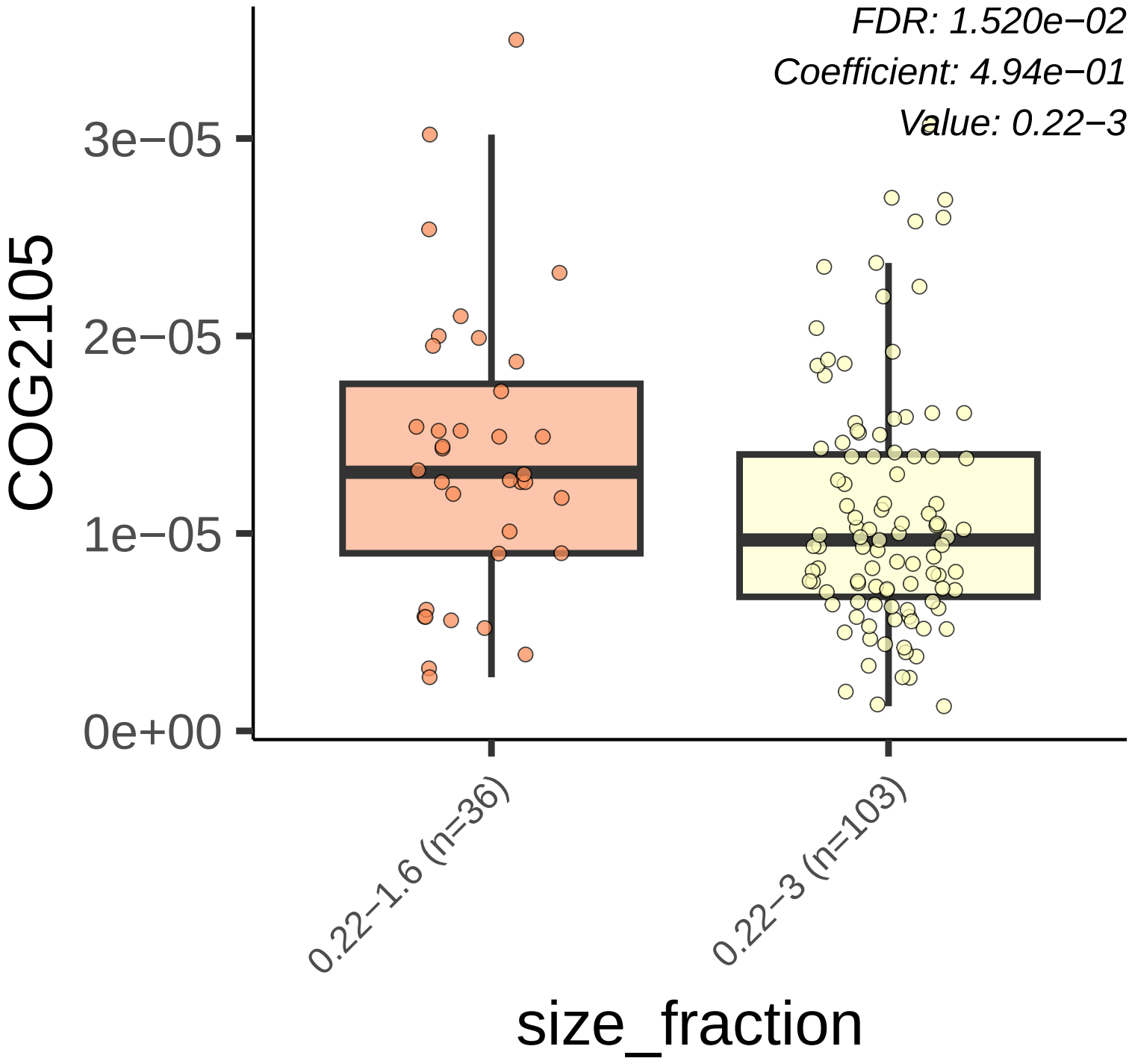

FDR: 1.483e−02
Coefficient: −2.18e−01
Value: 0.22−3
COG0775
3e−04
2e−04
1e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

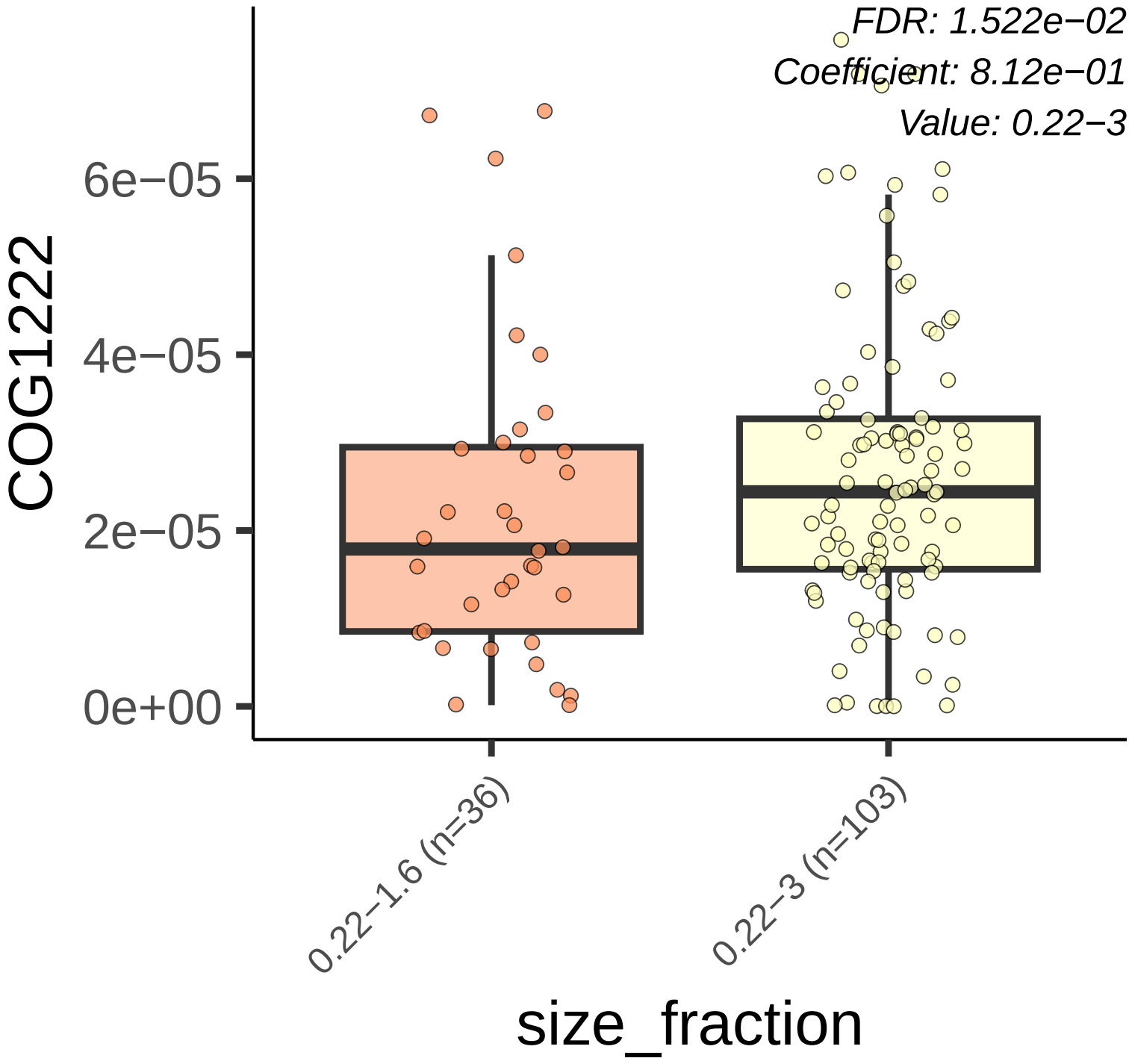

FDR: 1.491e−02
Coefficient: 4.91e−01
Value: 0.22−3
COG3867
3e−05
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

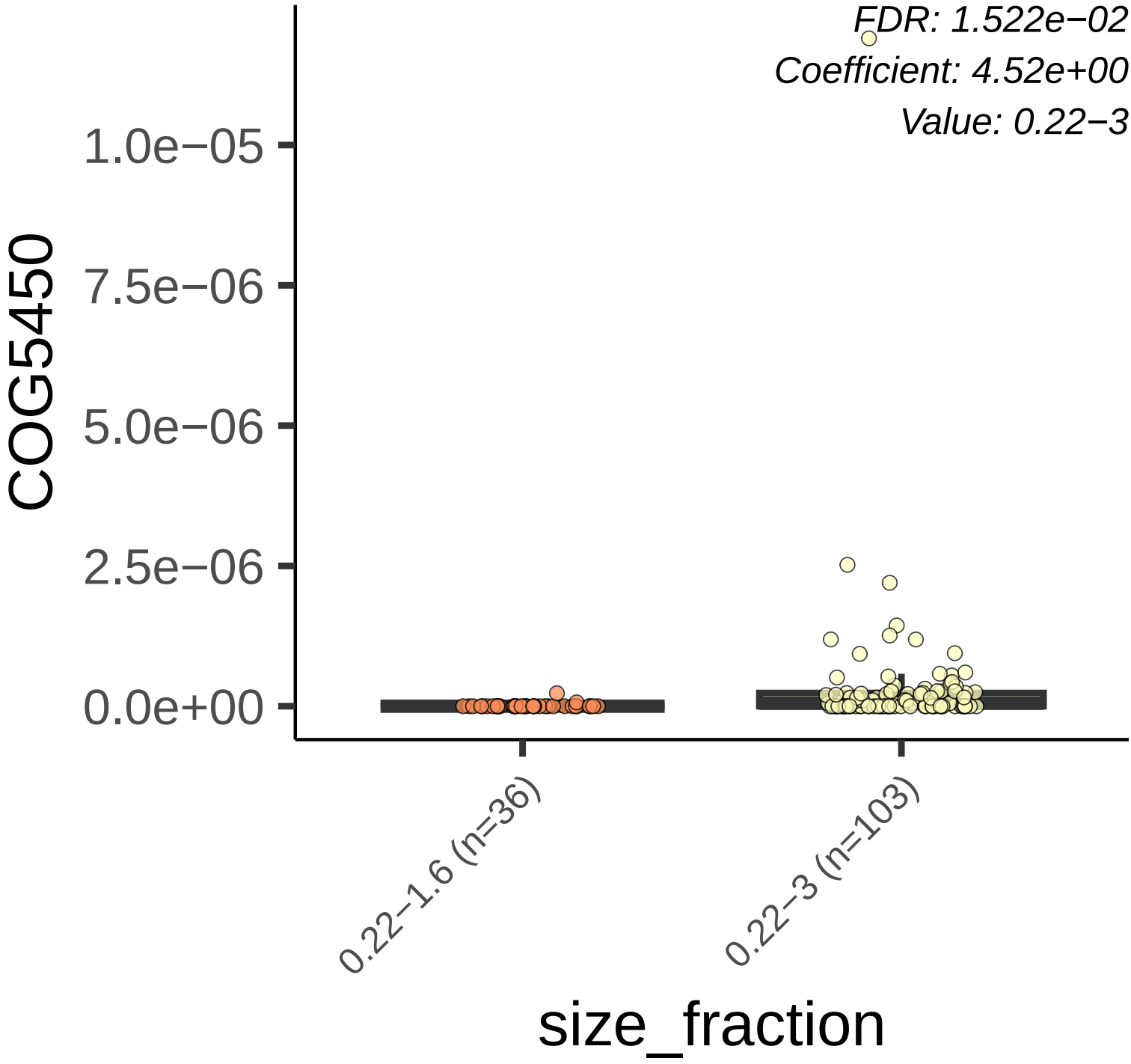

FDR: 1.493e−02
Coefficient: 9.33e−01
Value: 0.22−3
COG1634
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

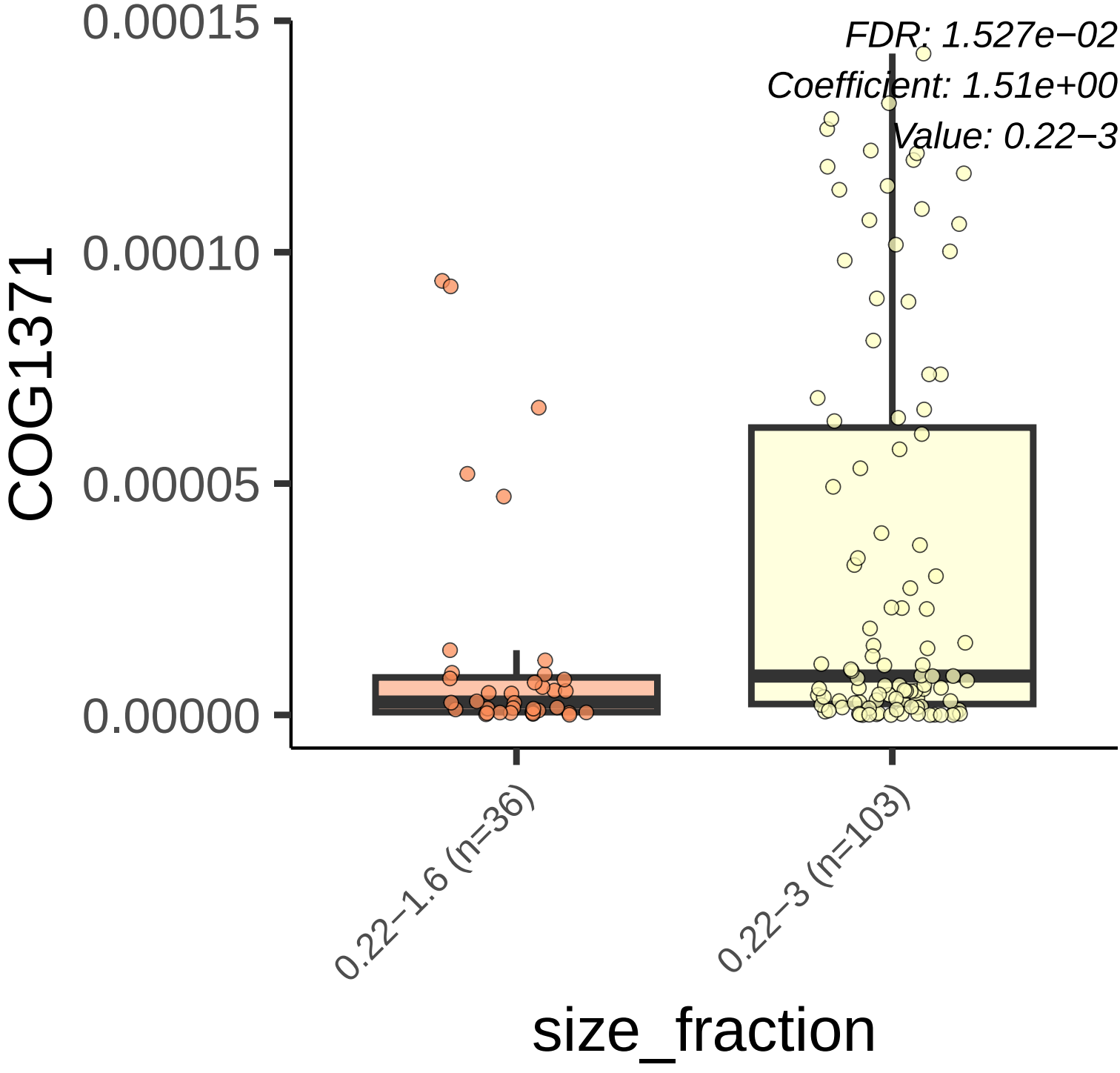

FDR: 1.507e−02
Coefficient: 9.50e−01
Value: 0.22−3
COG3910
1.5e−05
1.0e−05
5.0e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

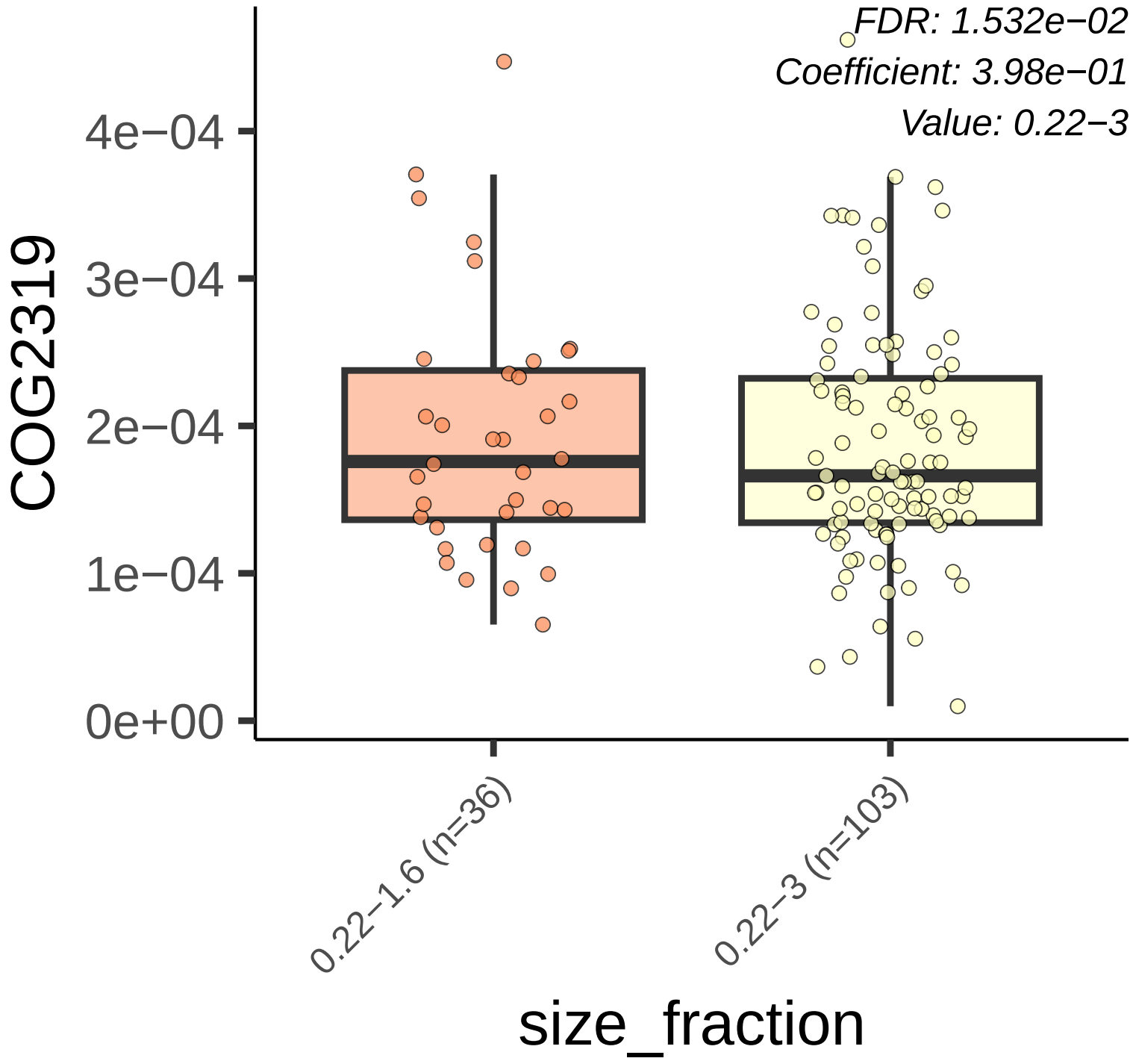

FDR: 1.513e−02
Coefficient: 5.78e−01
Value: 0.22−3
COG1509
3e−04
2e−04
1e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

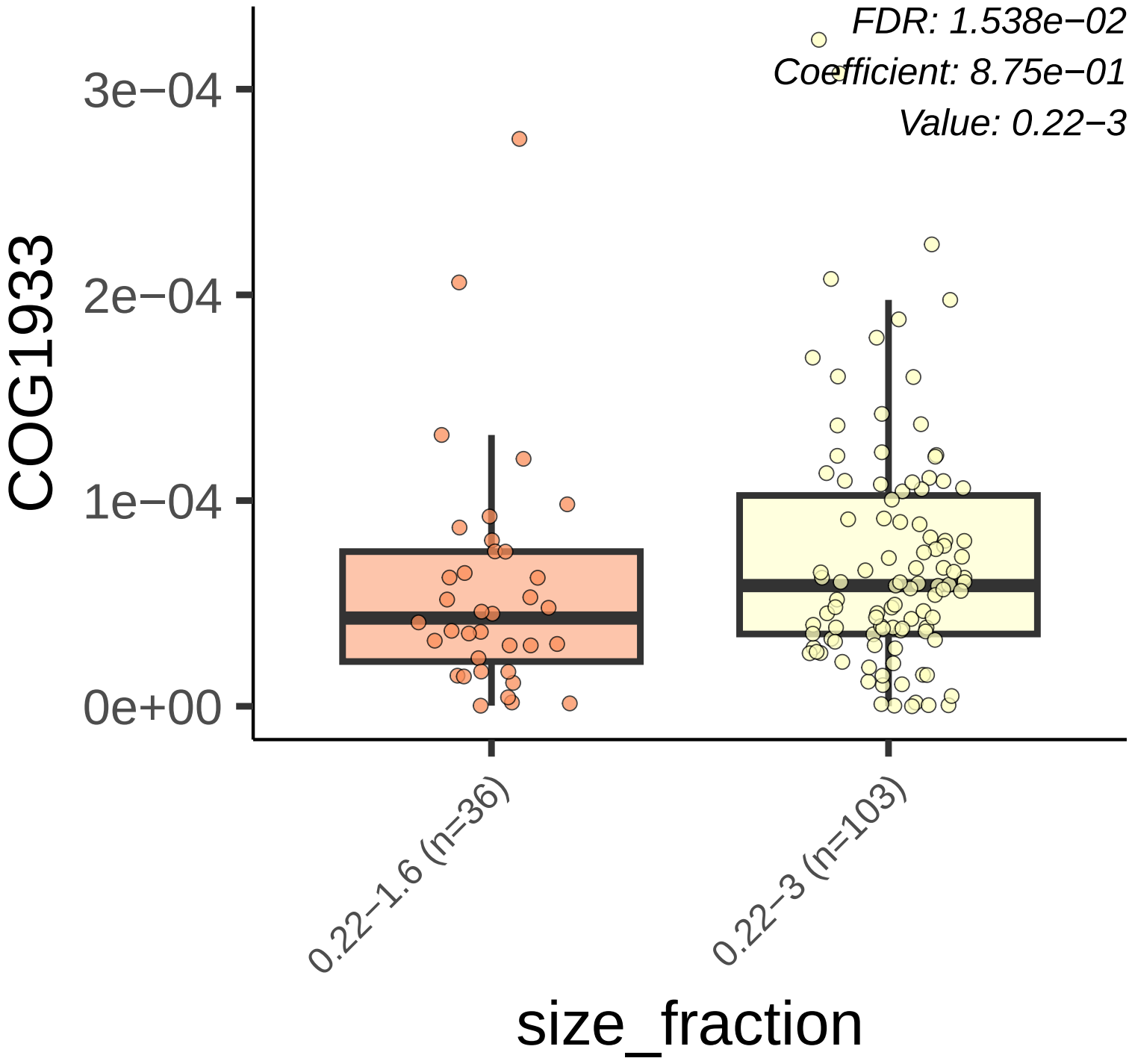

FDR: 1.520e−02
Coefficient: 4.94e−01
Value: 0.22−3
COG2105
3e−05
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

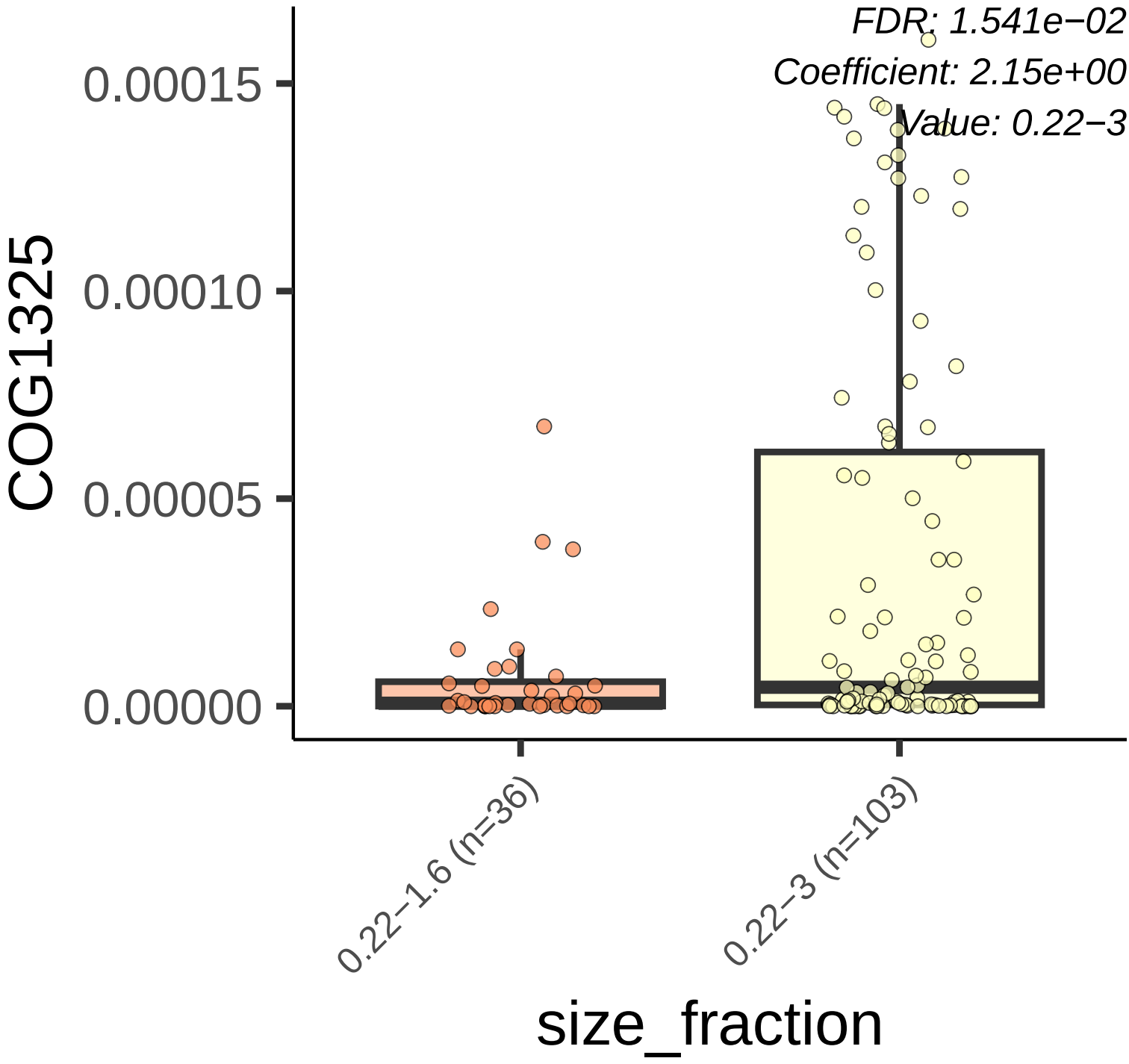

FDR: 1.522e−02
Coefficient: 8.12e−01
Value: 0.22−3
COG1222
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

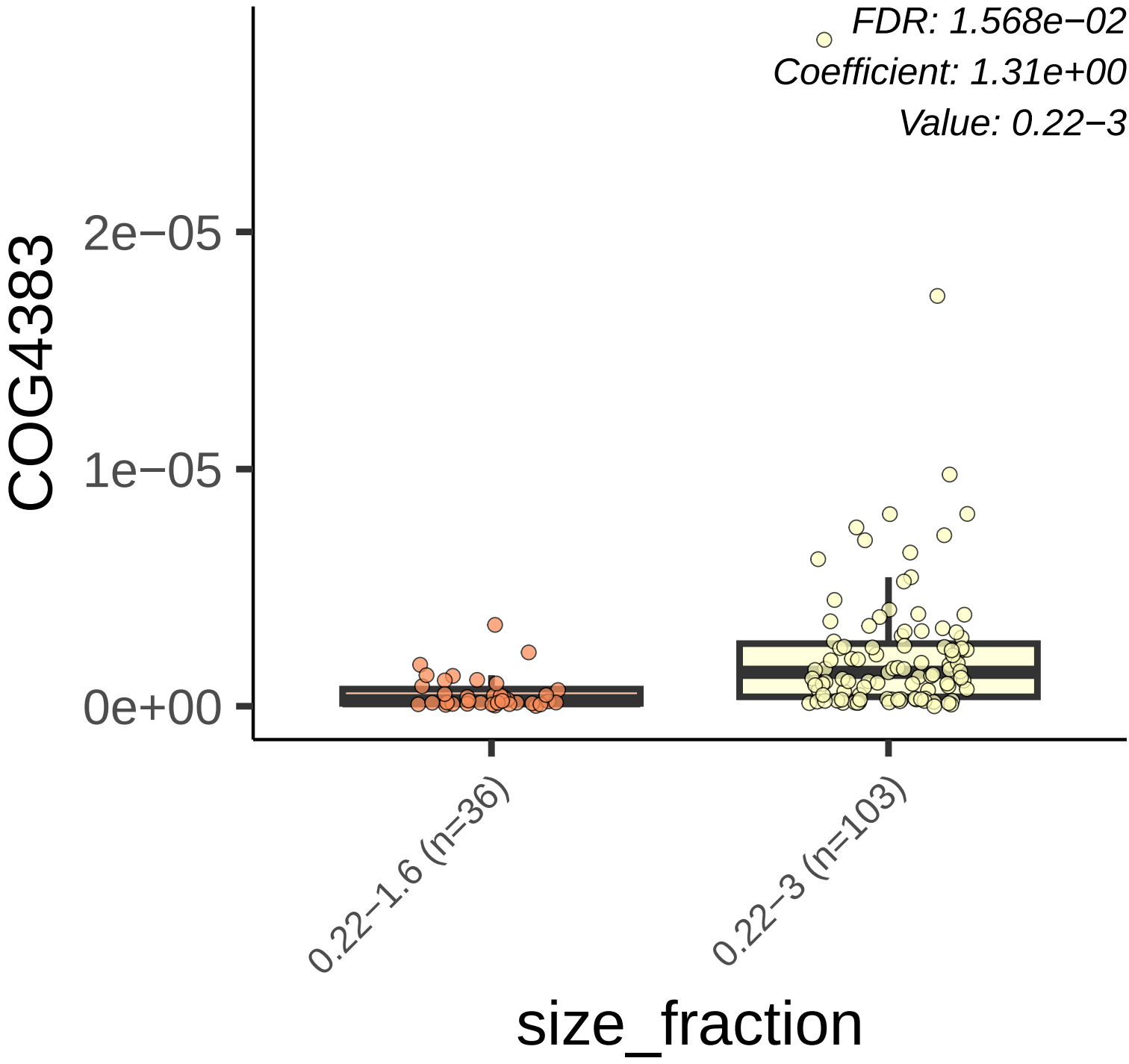

FDR: 1.522e−02
Coefficient: 4.52e+00
Value: 0.22−3
COG5450
1.0e−05
7.5e−06
5.0e−06
2.5e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

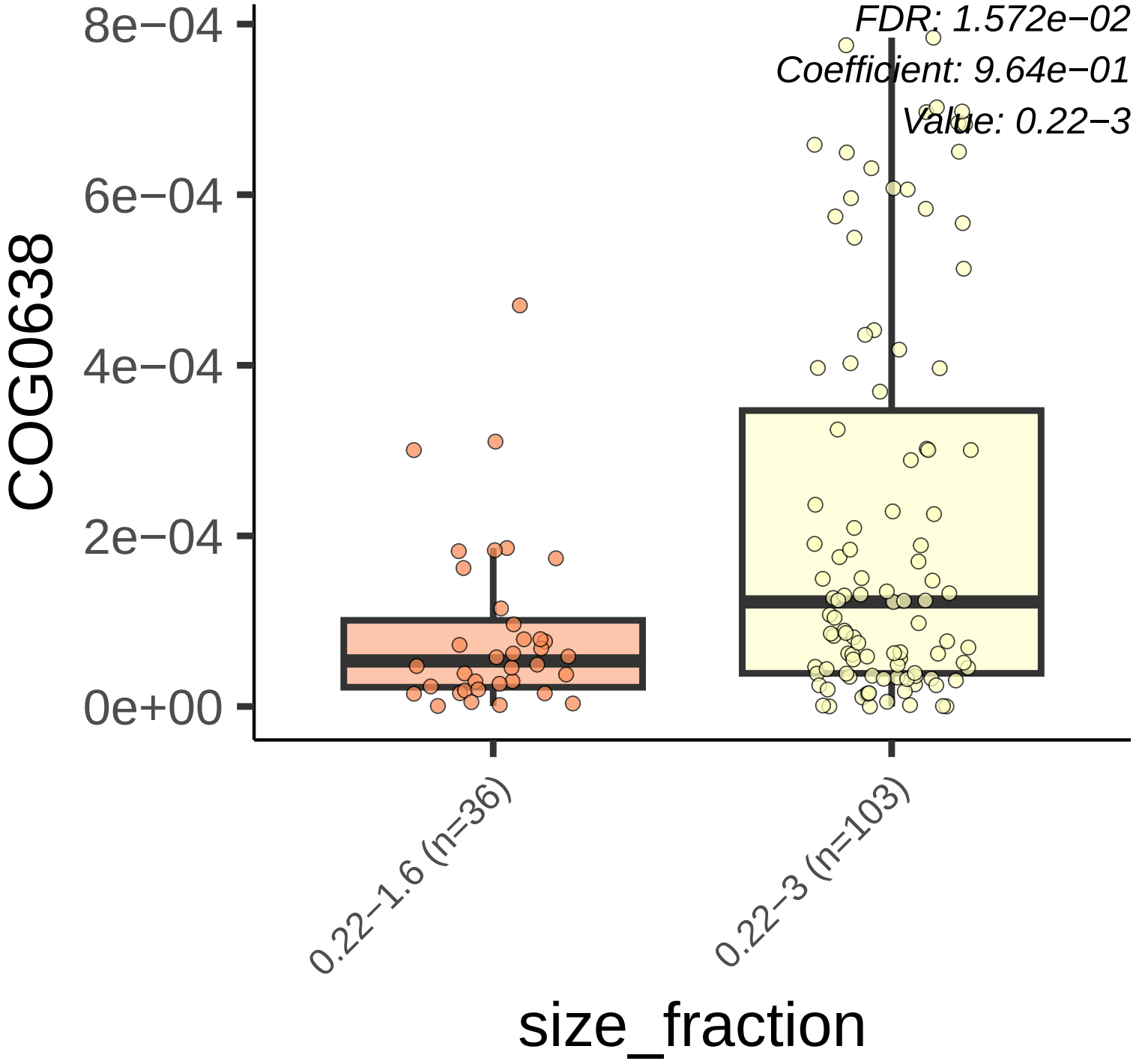

FDR: 1.527e−02
Coefficient: 1.51e+00
Value: 0.22−3
COG1371
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

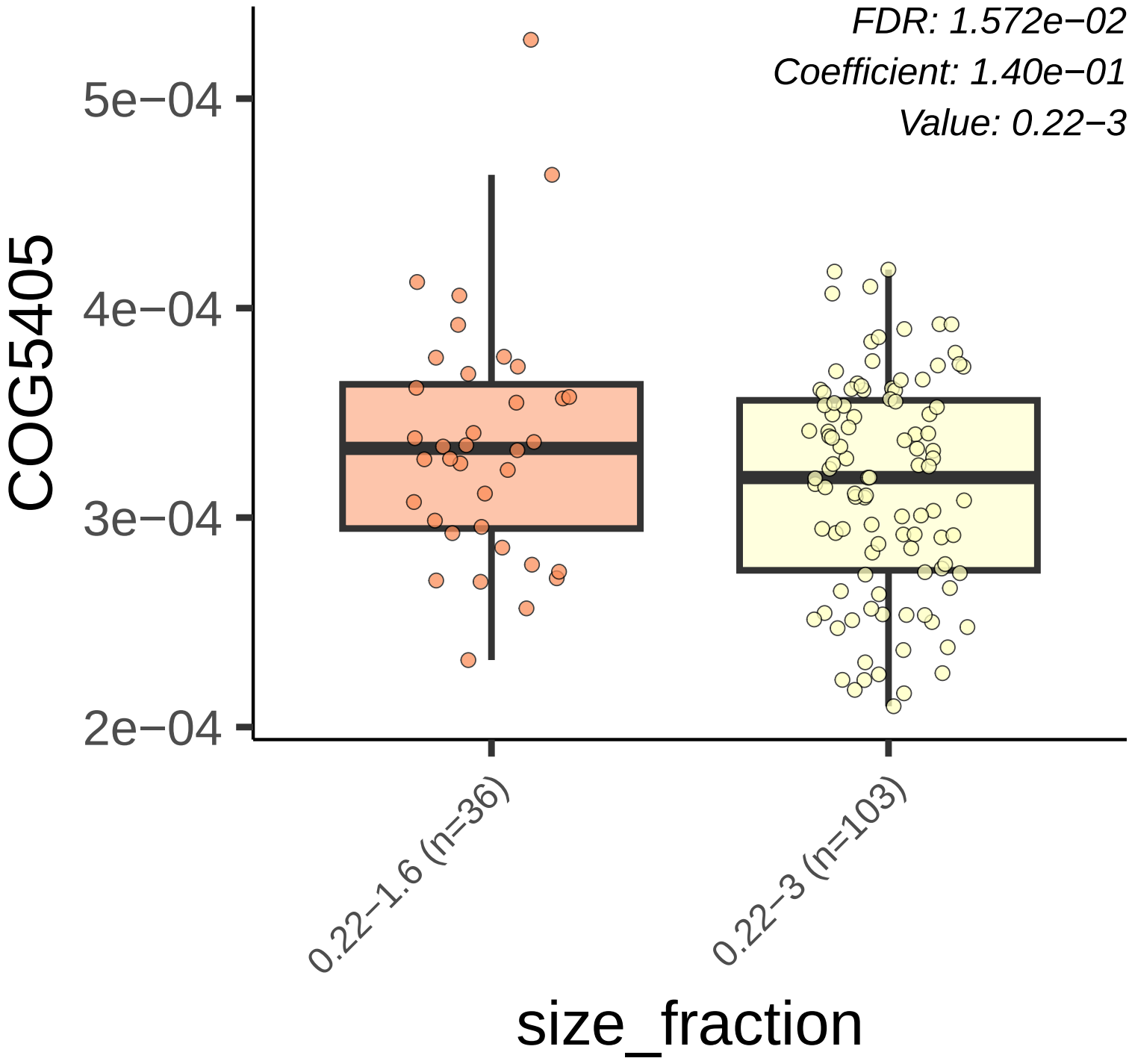

FDR: 1.532e−02
Coefficient: 3.98e−01
Value: 0.22−3
COG2319
4e−04
3e−04
2e−04
1e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

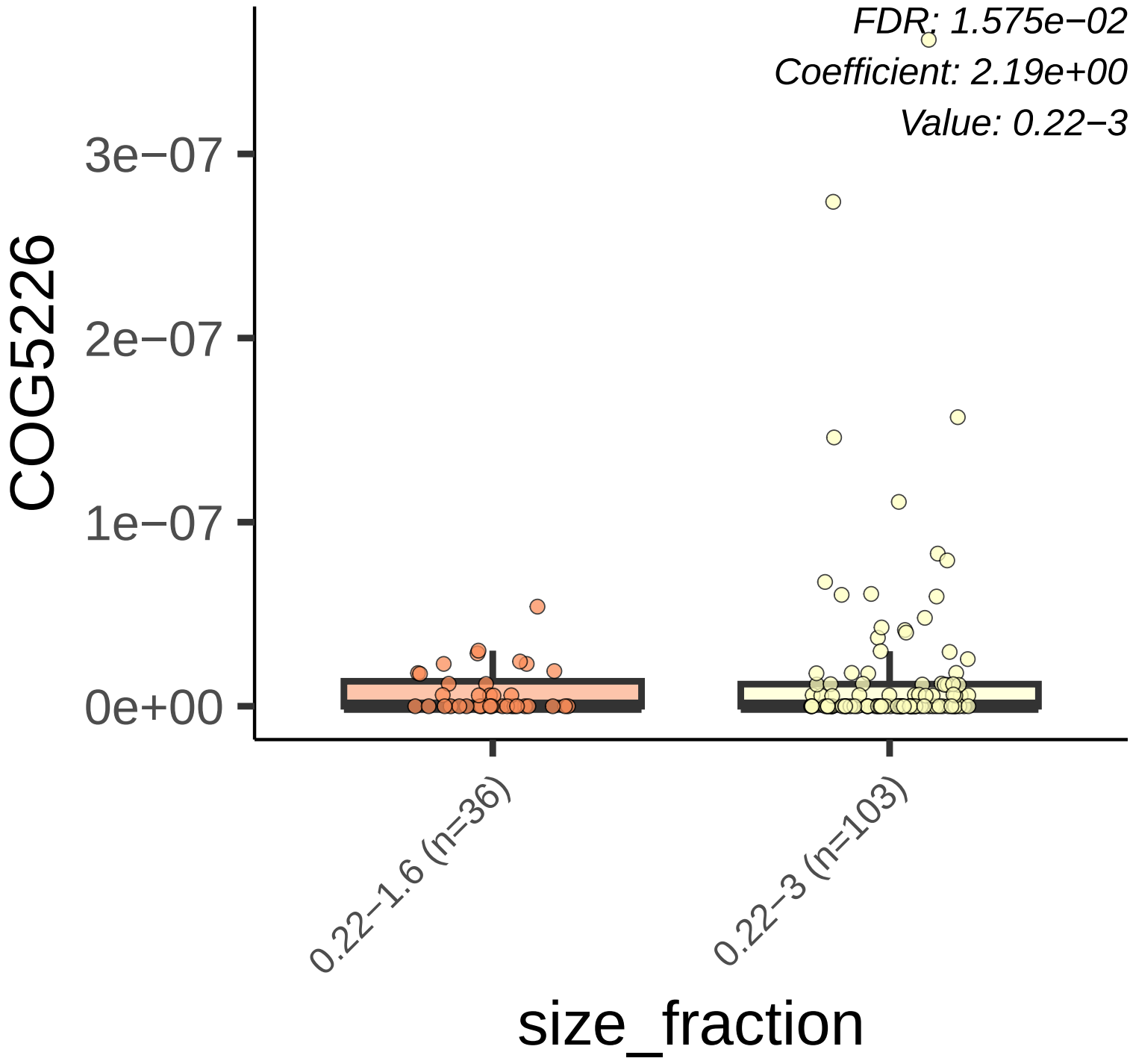

FDR: 1.538e−02
Coefficient: 8.75e−01
Value: 0.22−3
COG1933
3e−04
2e−04
1e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

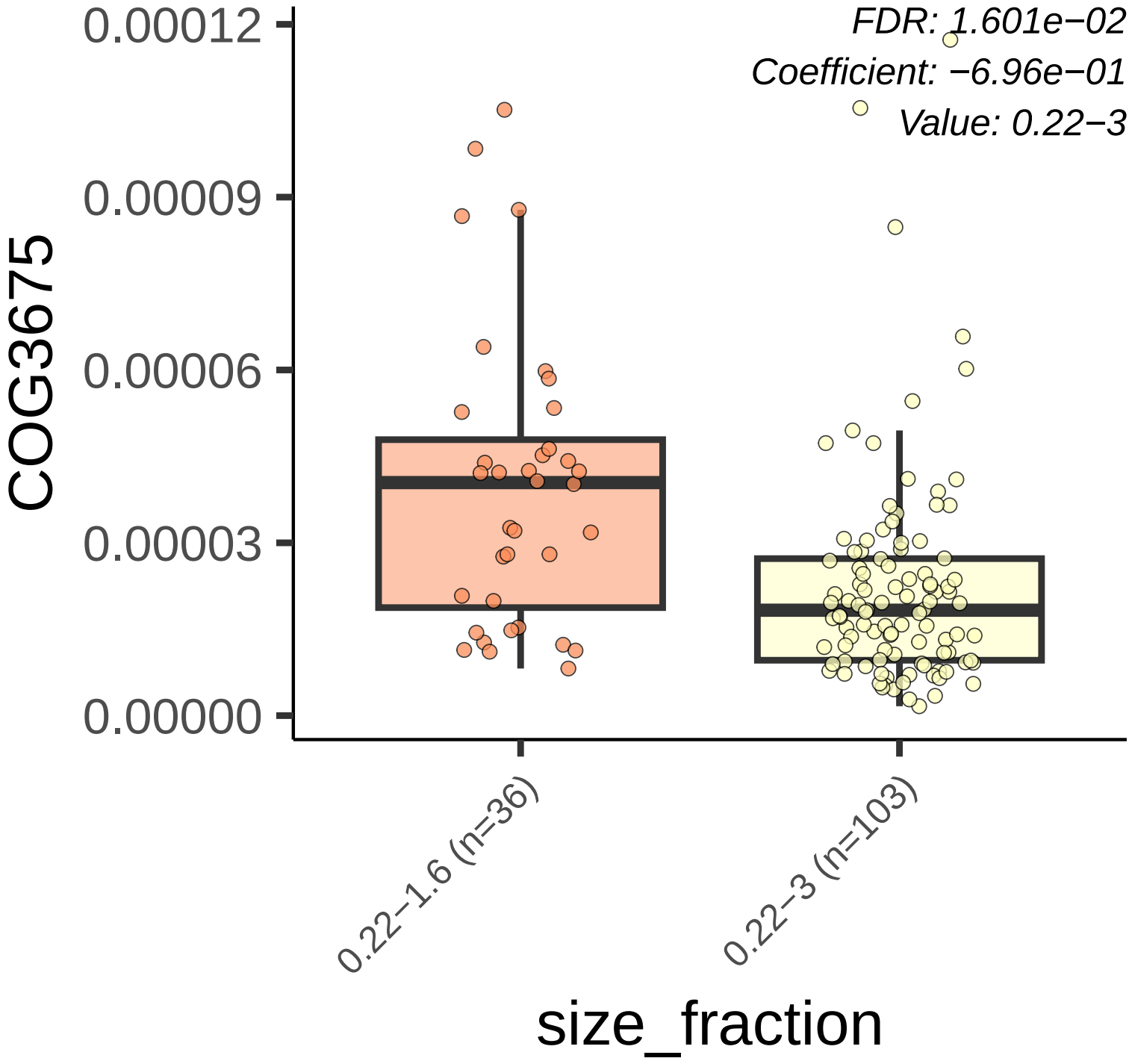

FDR: 1.541e−02
Coefficient: 2.15e+00
Value: 0.22−3
COG1325
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

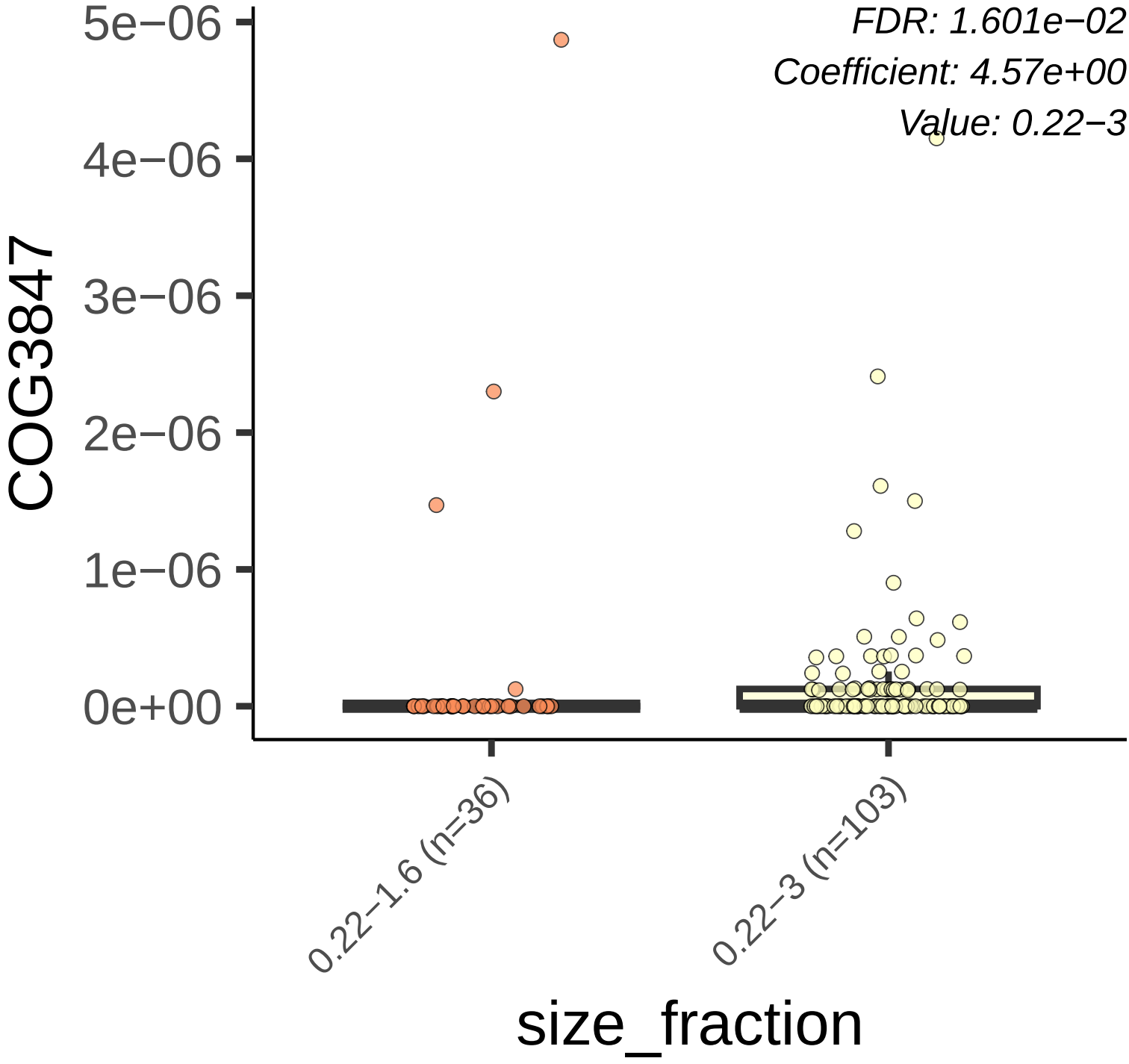

FDR: 1.568e−02
Coefficient: 1.31e+00
Value: 0.22−3
COG4383
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

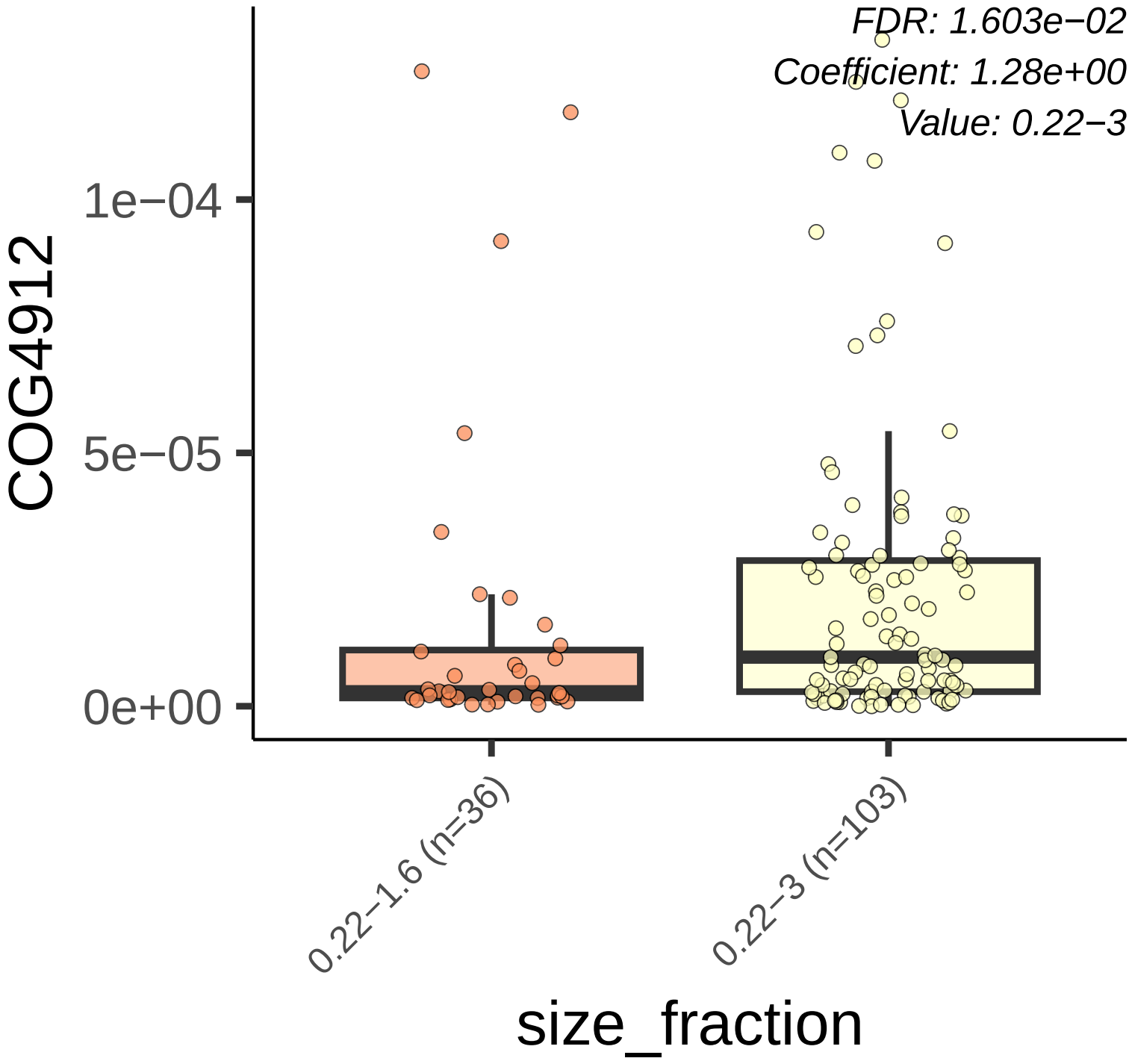

FDR: 1.572e−02
Coefficient: 9.64e−01
Value: 0.22−3
COG0638
8e−04
6e−04
4e−04
2e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

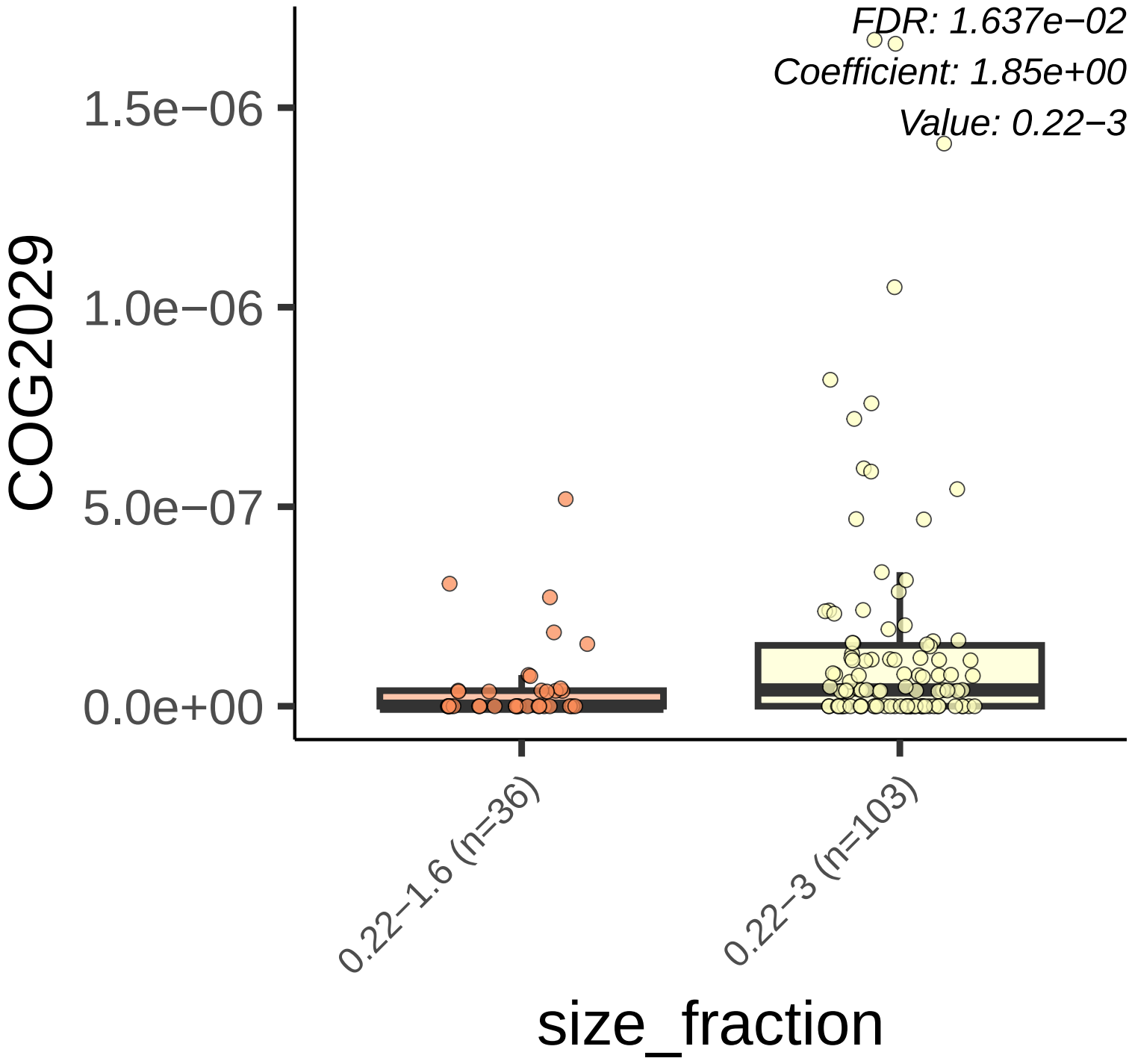

FDR: 1.572e−02
Coefficient: 1.40e−01
Value: 0.22−3
COG5405
5e−04
4e−04
3e−04
2e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

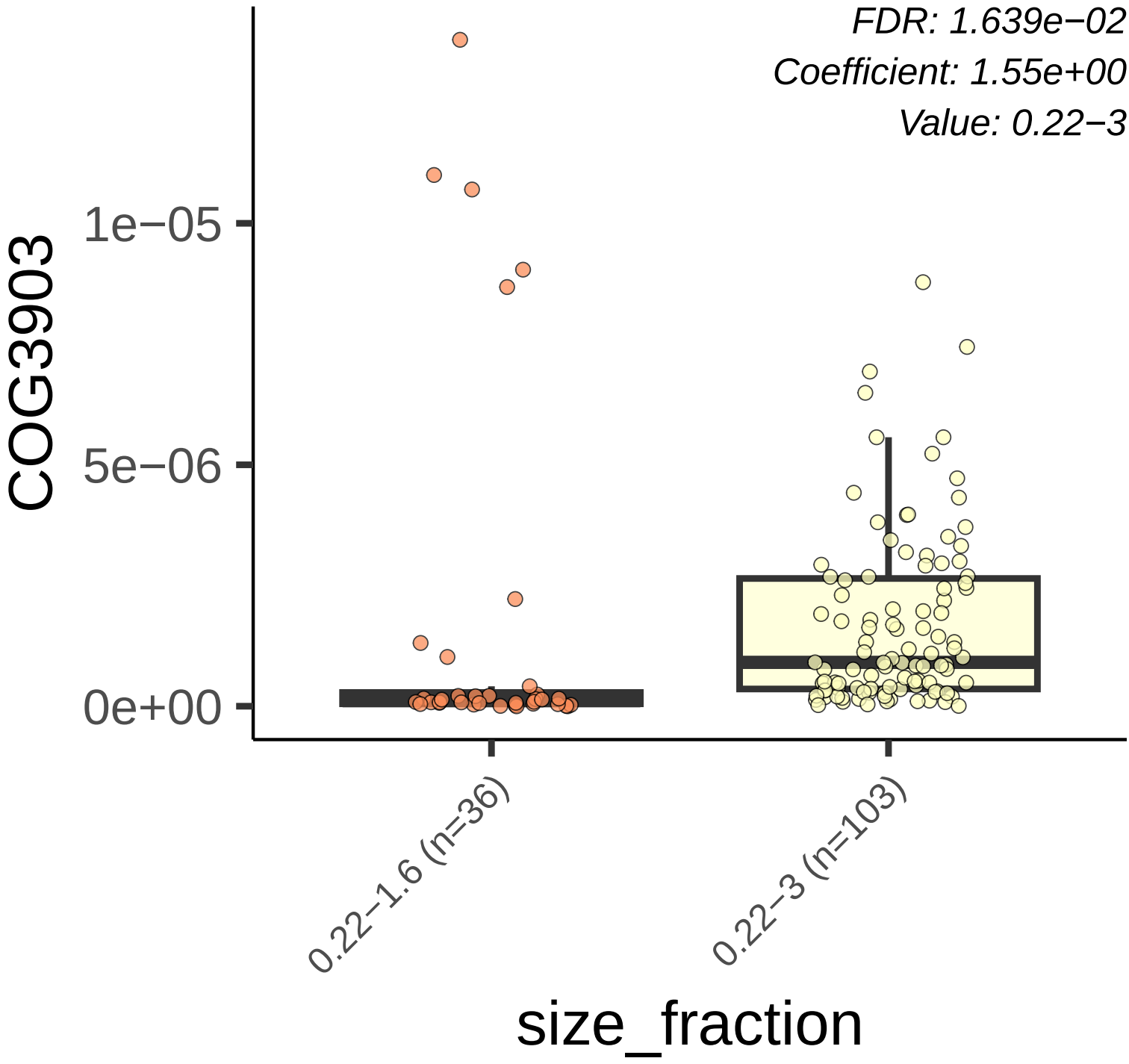

FDR: 1.575e−02
Coefficient: 2.19e+00
Value: 0.22−3
COG5226
3e−07
2e−07
1e−07
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

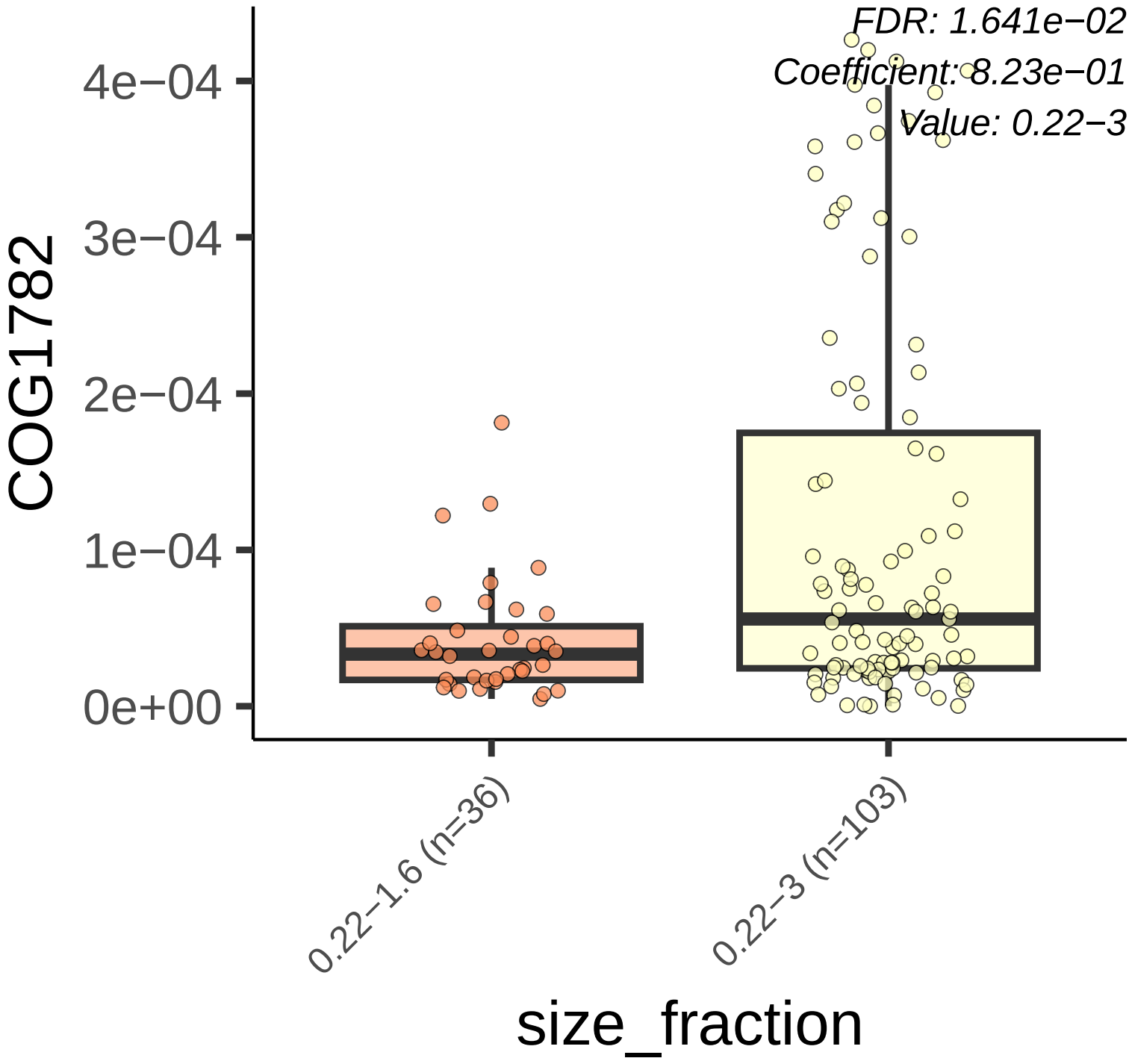

FDR: 1.601e−02
Coefficient: −6.96e−01
Value: 0.22−3
COG3675
0.00012
0.00009
0.00006
0.00003
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

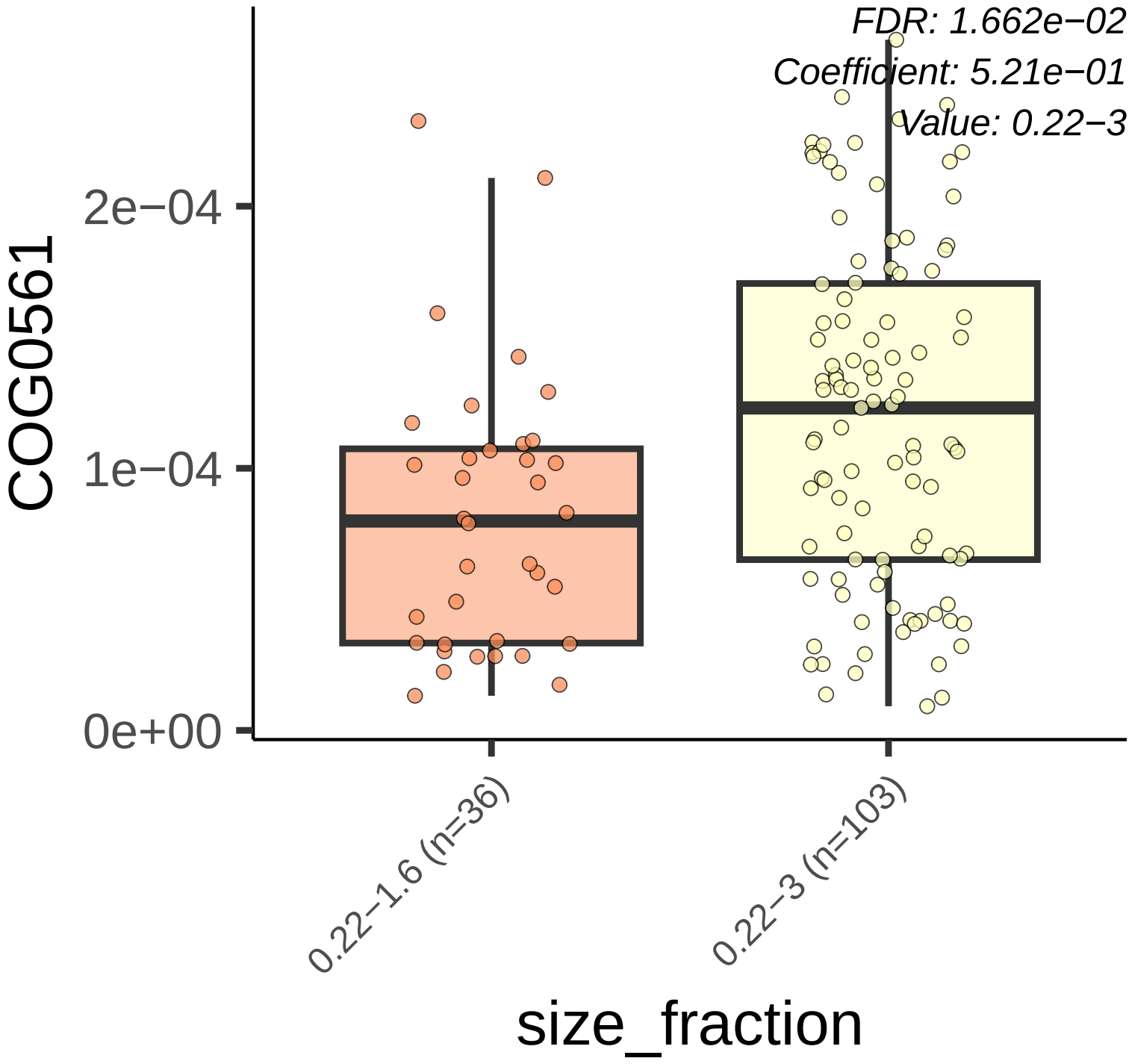

FDR: 1.601e−02
Coefficient: 4.57e+00
Value: 0.22−3
COG3847
5e−06
4e−06
3e−06
2e−06
1e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

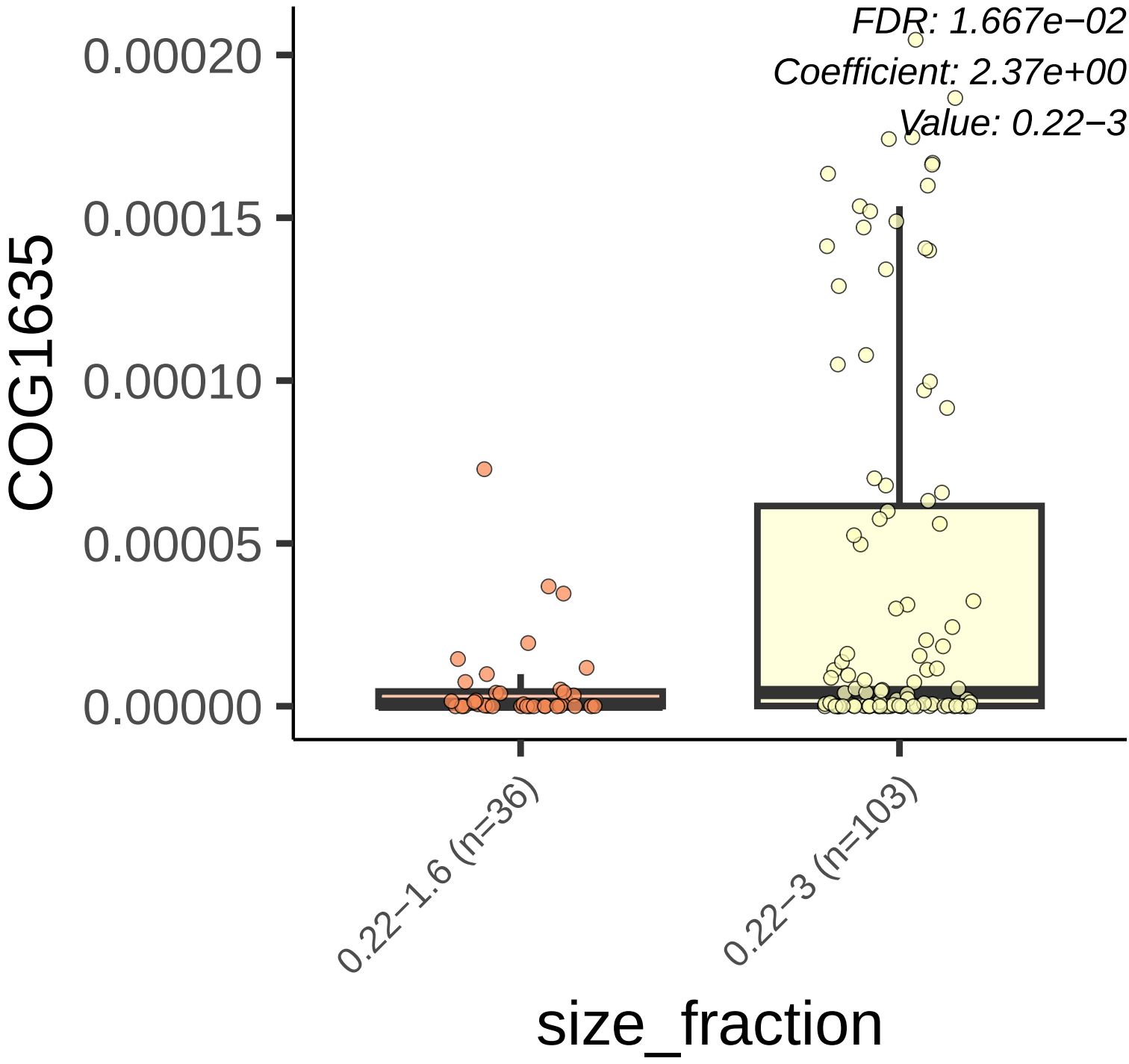

FDR: 1.603e−02
Coefficient: 1.28e+00
Value: 0.22−3
COG4912
1e−04
5e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

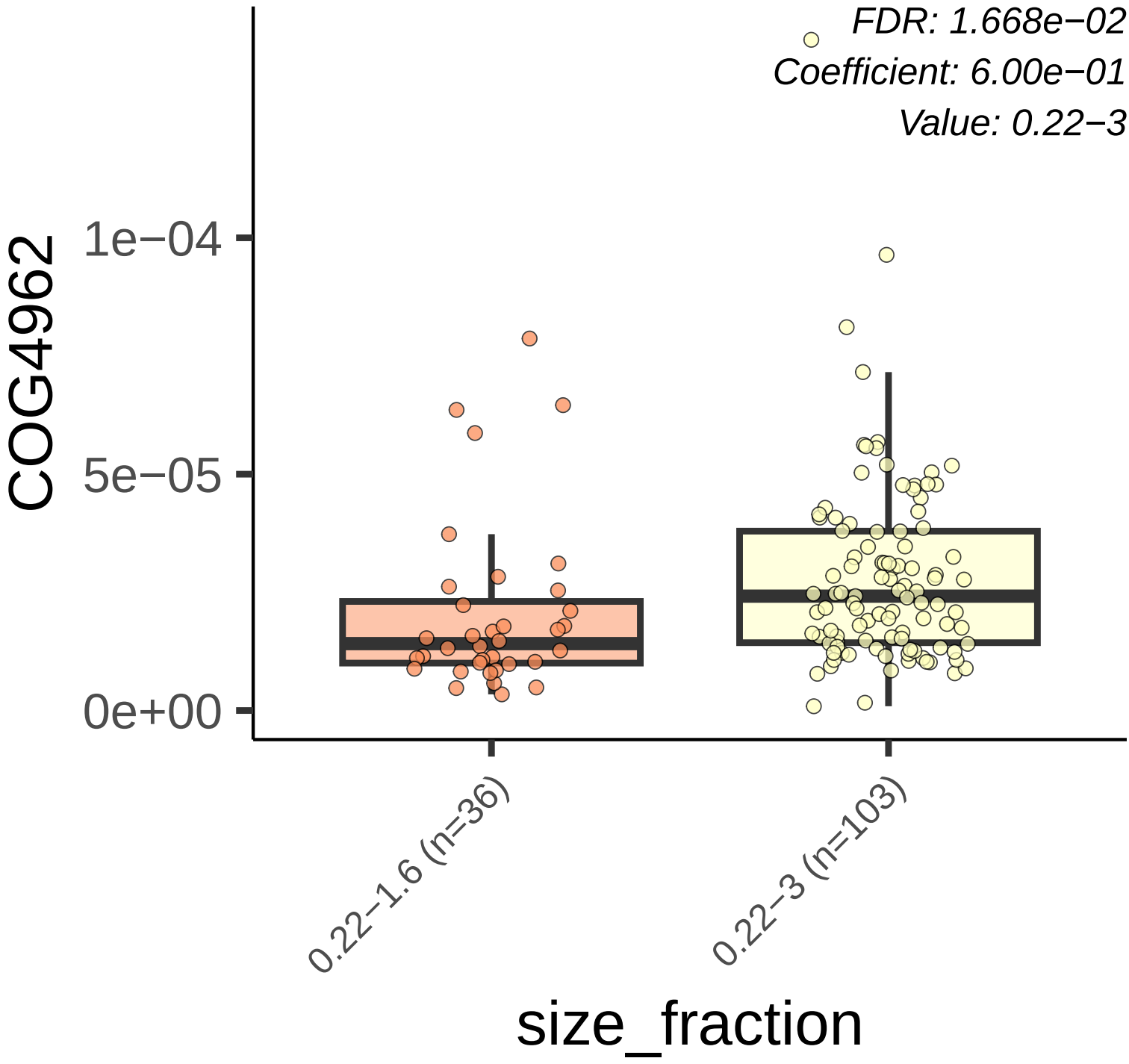

FDR: 1.637e−02
Coefficient: 1.85e+00
Value: 0.22−3
COG2029
1.5e−06
1.0e−06
5.0e−07
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

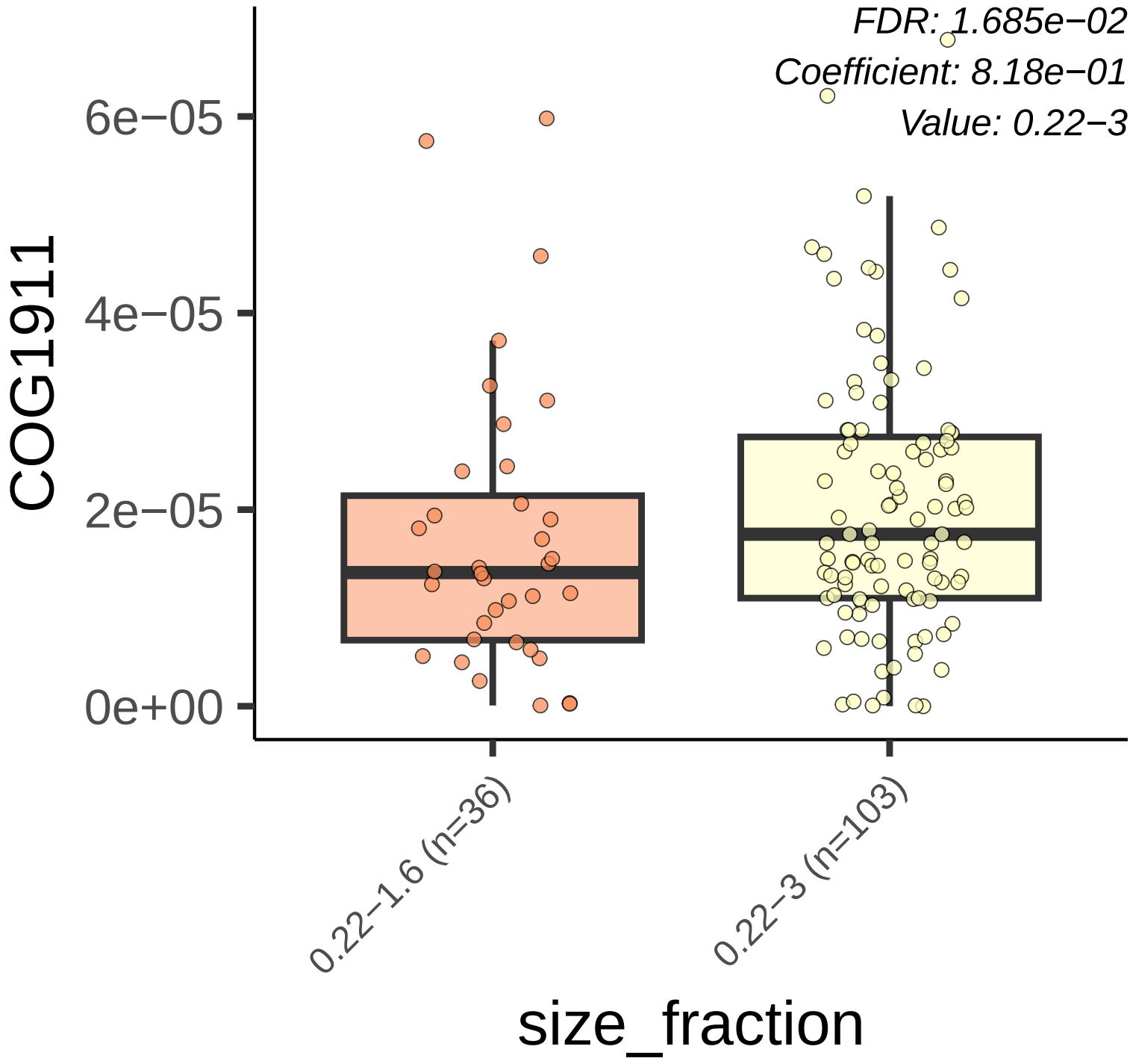

FDR: 1.639e−02
Coefficient: 1.55e+00
Value: 0.22−3
COG3903
1e−05
5e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

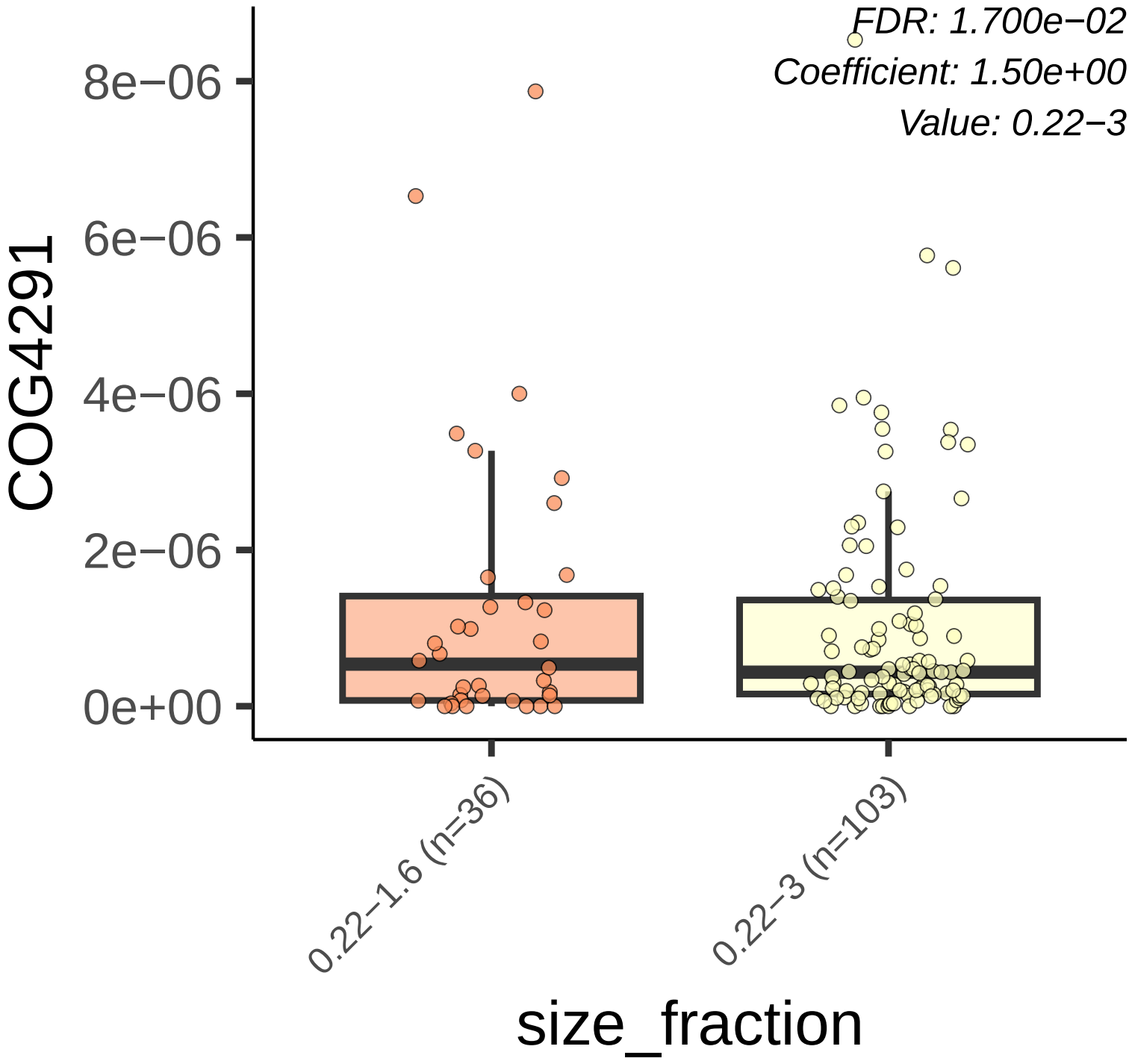

FDR: 1.641e−02
Coefficient: 8.23e−01
Value: 0.22−3
COG1782
4e−04
3e−04
2e−04
1e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

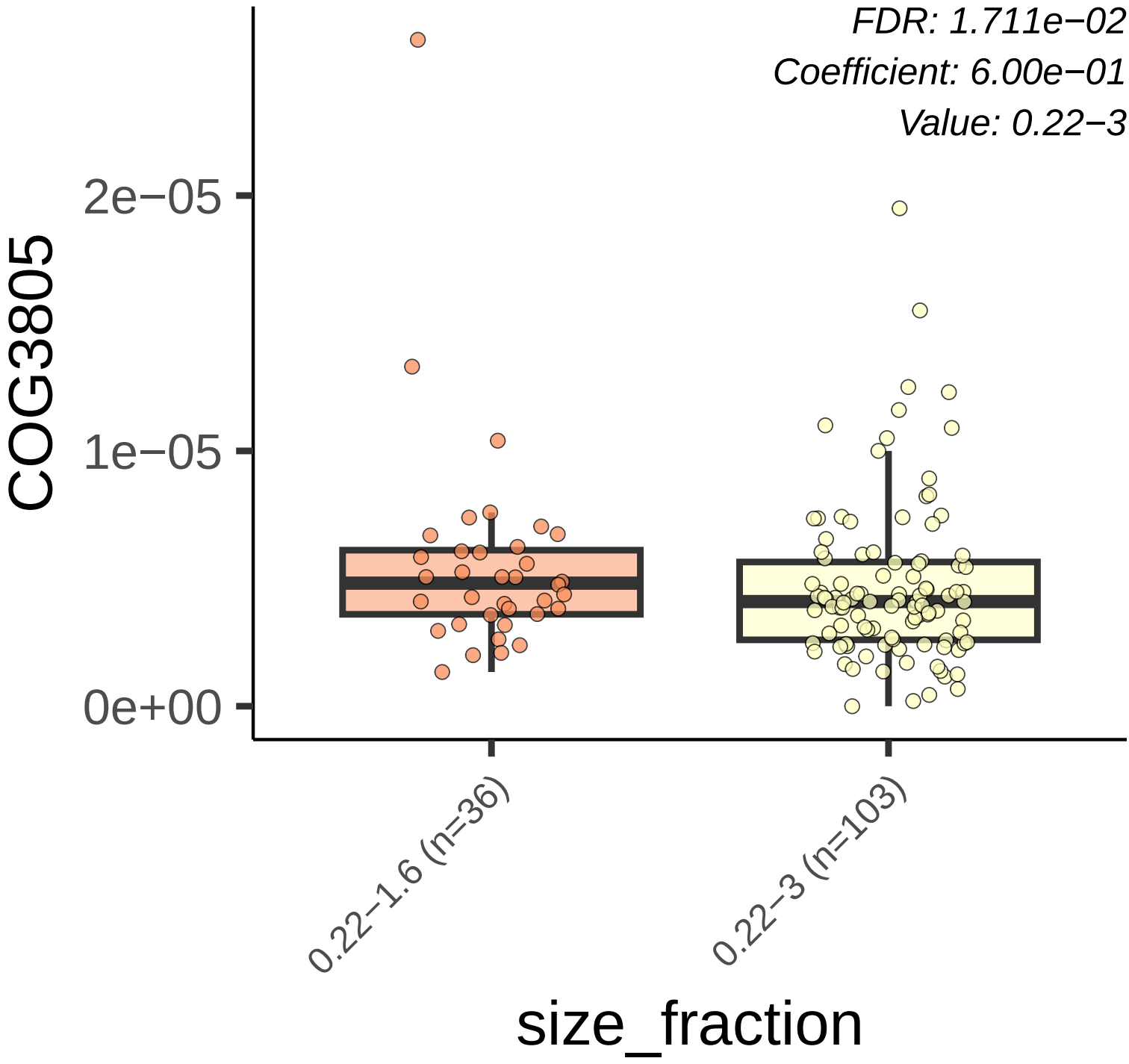

FDR: 1.662e−02
Coefficient: 5.21e−01
Value: 0.22−3
COG0561
2e−04
1e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

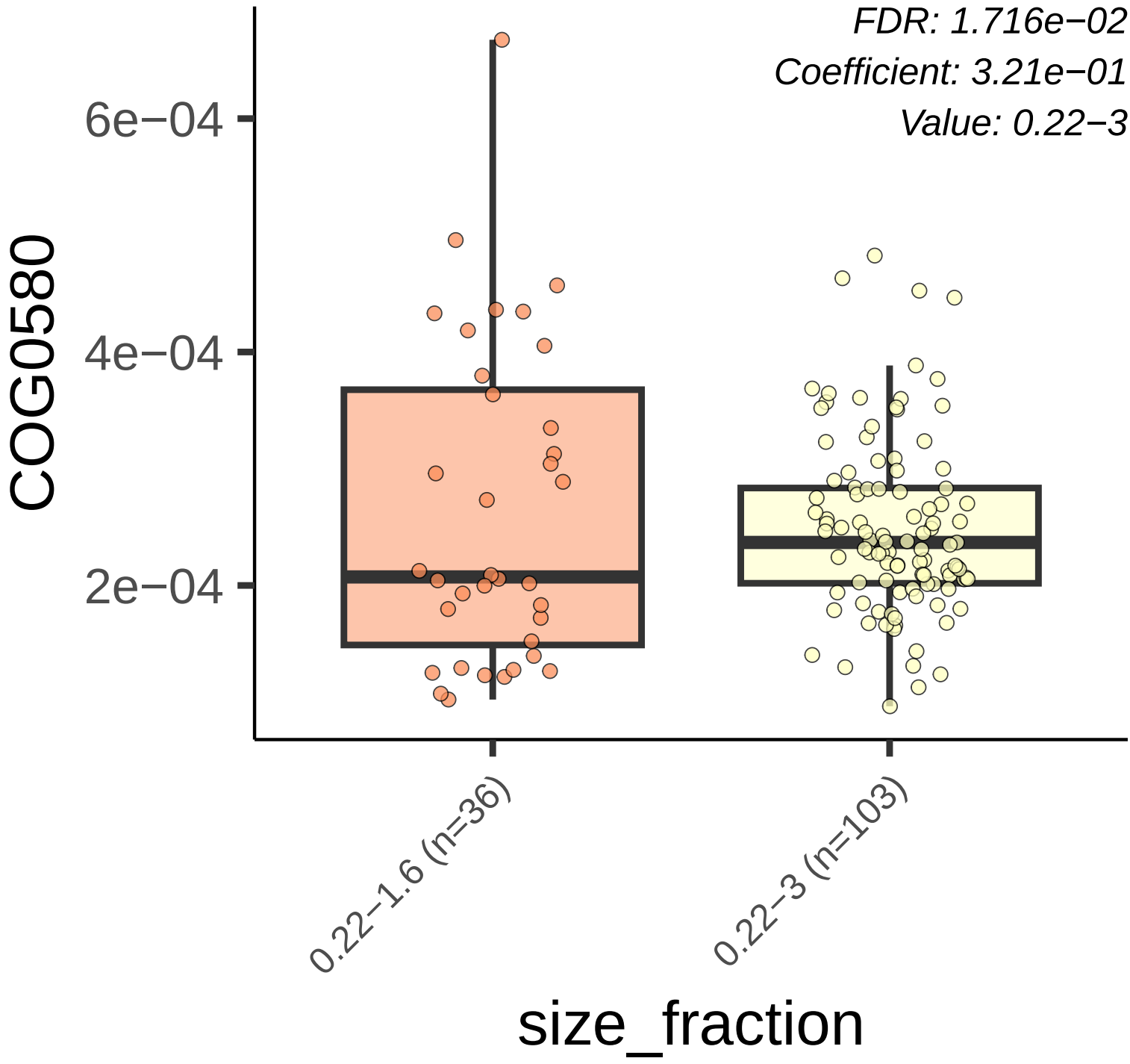

FDR: 1.667e−02
Coefficient: 2.37e+00
Value: 0.22−3
COG1635
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

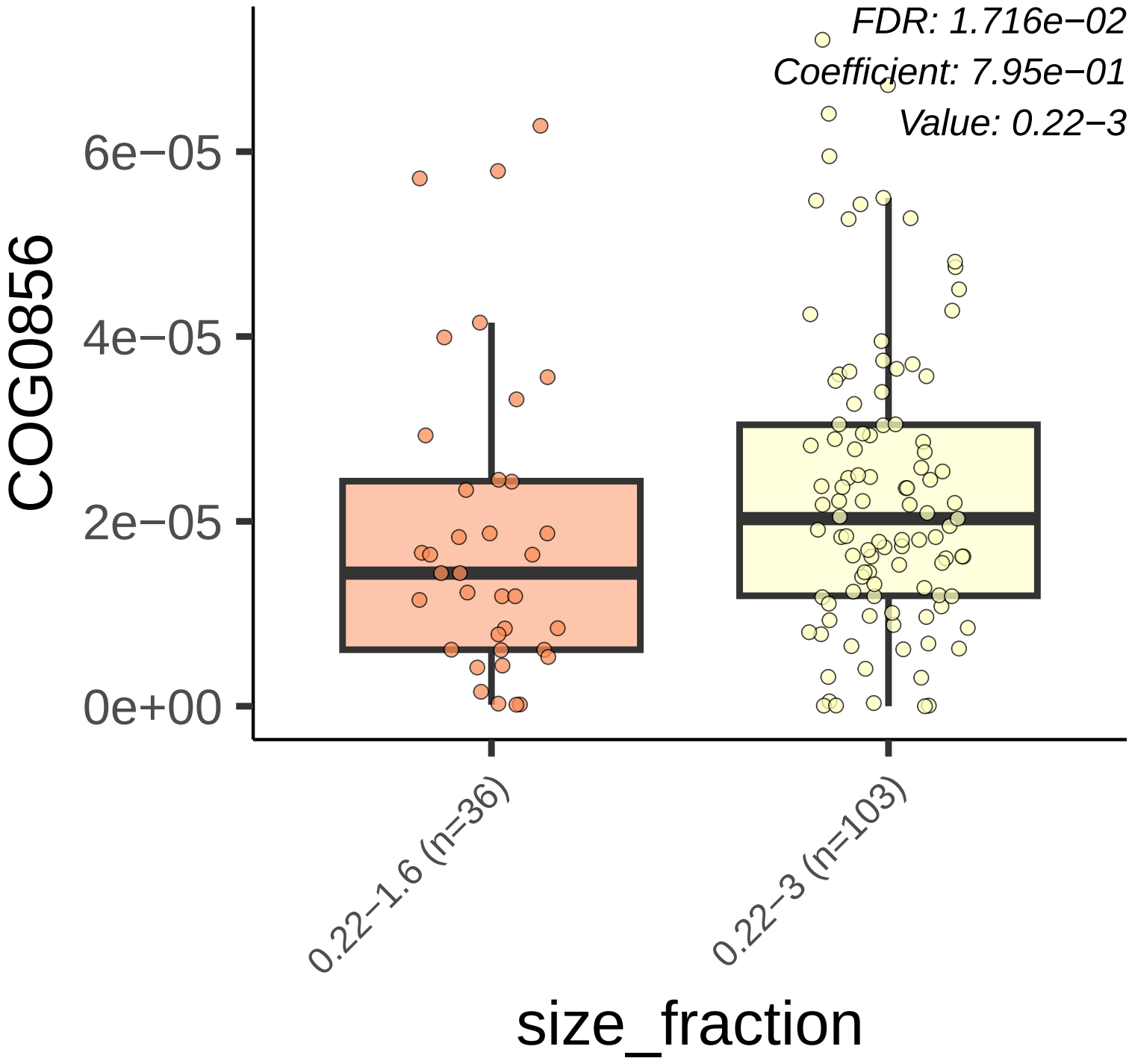

FDR: 1.668e−02
Coefficient: 6.00e−01
Value: 0.22−3
COG4962
1e−04
5e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

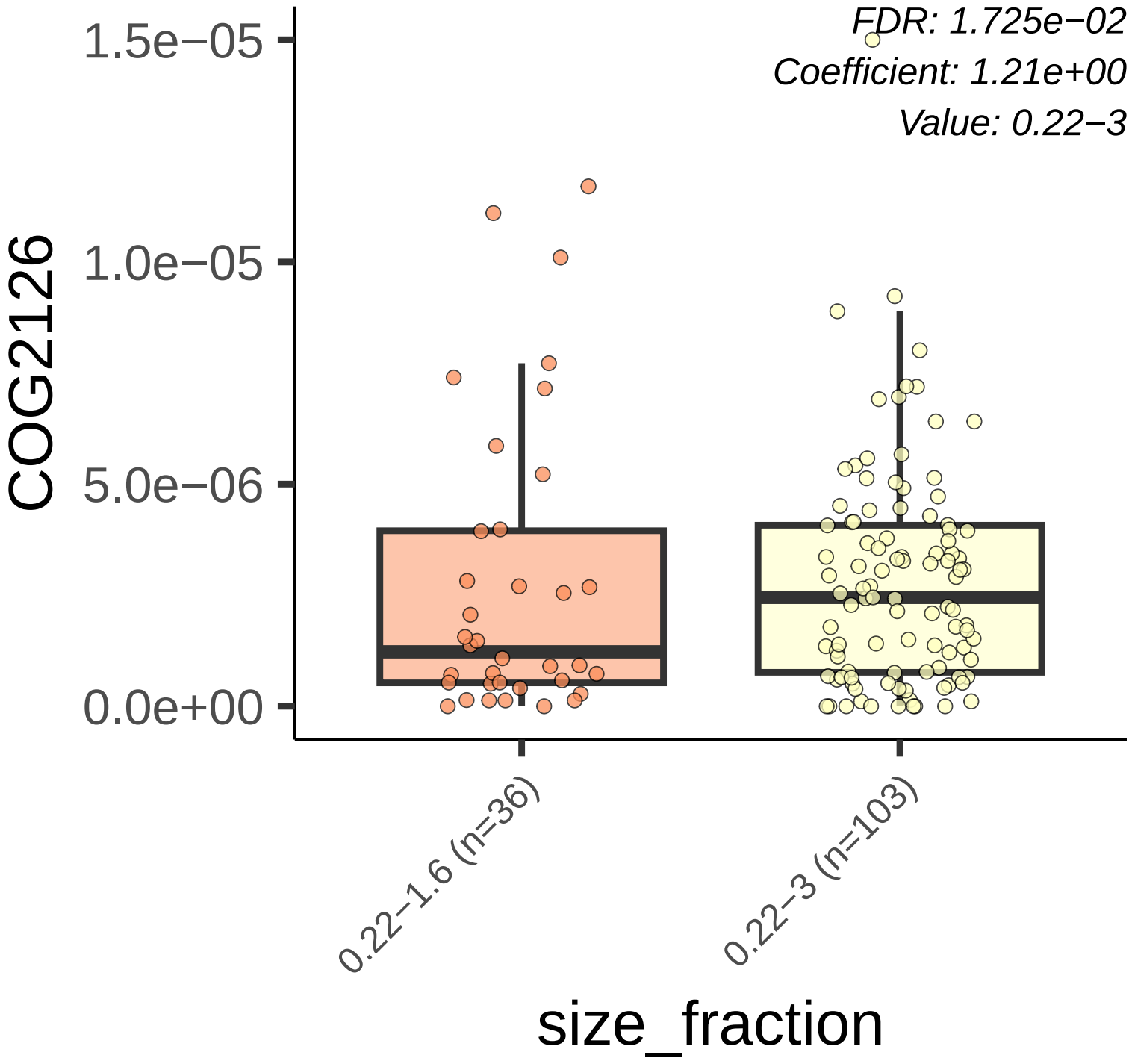

FDR: 1.685e−02
Coefficient: 8.18e−01
Value: 0.22−3
COG1911
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

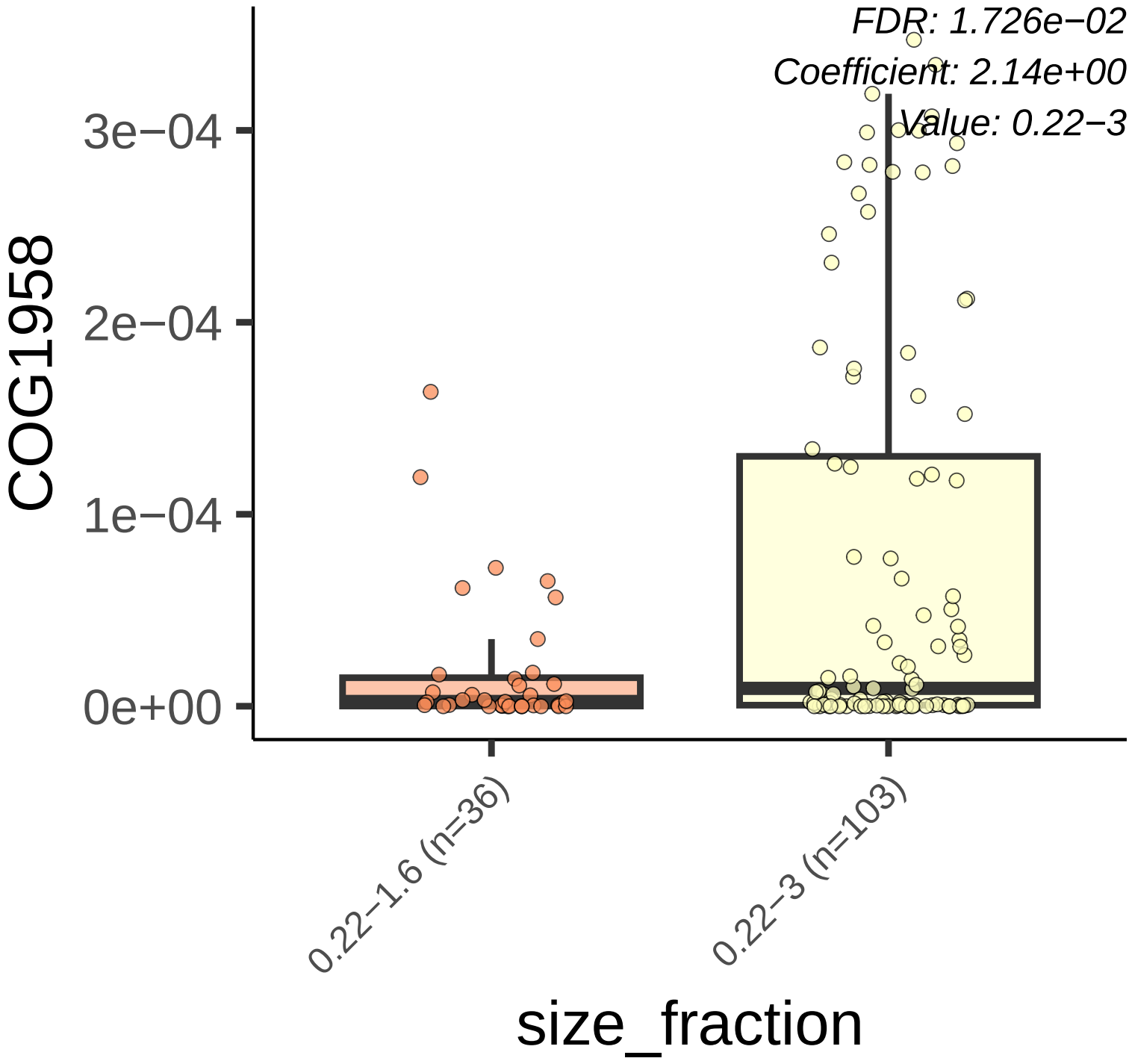

FDR: 1.700e−02
Coefficient: 1.50e+00
Value: 0.22−3
COG4291
8e−06
6e−06
4e−06
2e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

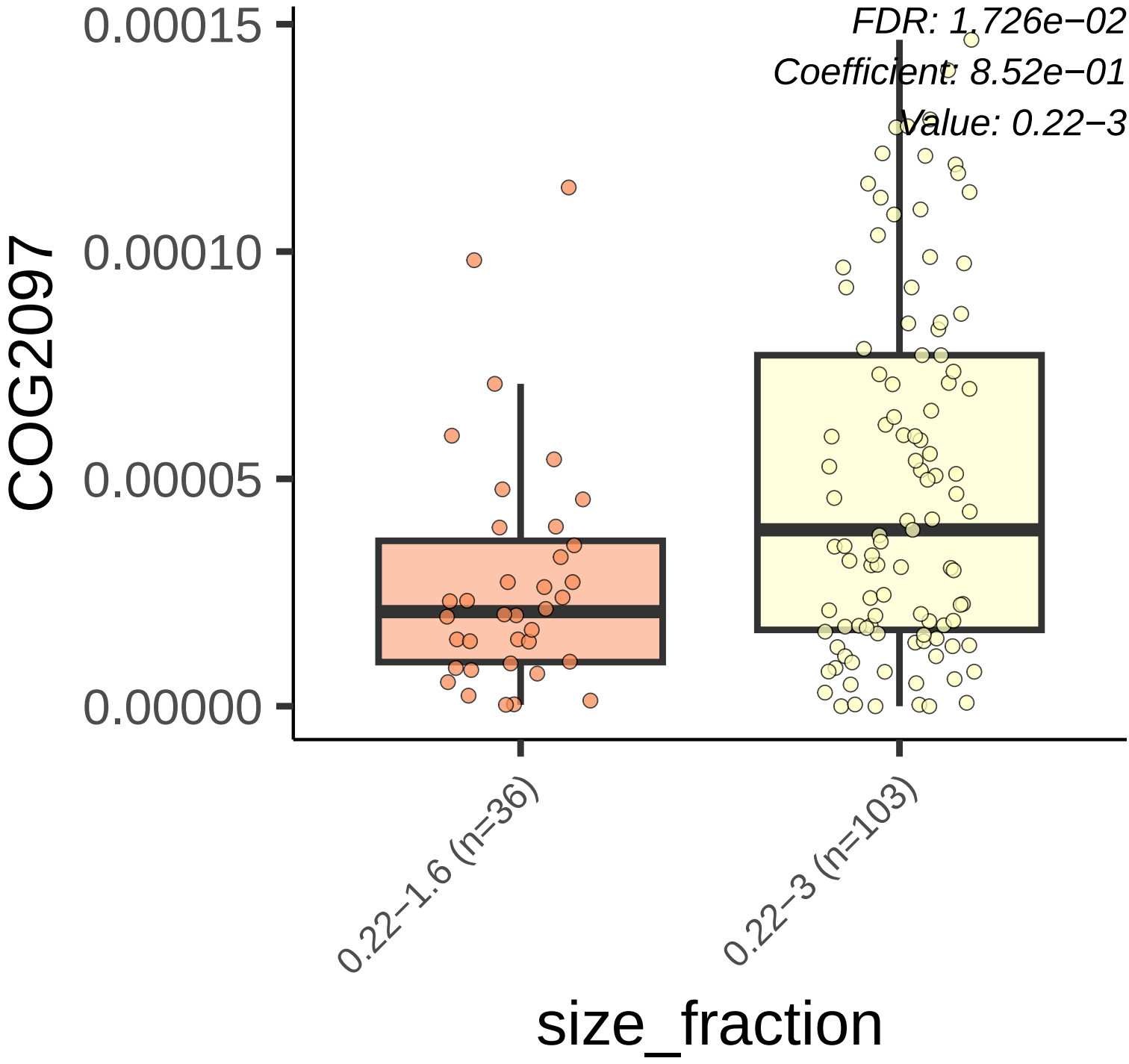

FDR: 1.711e−02
Coefficient: 6.00e−01
Value: 0.22−3
COG3805
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

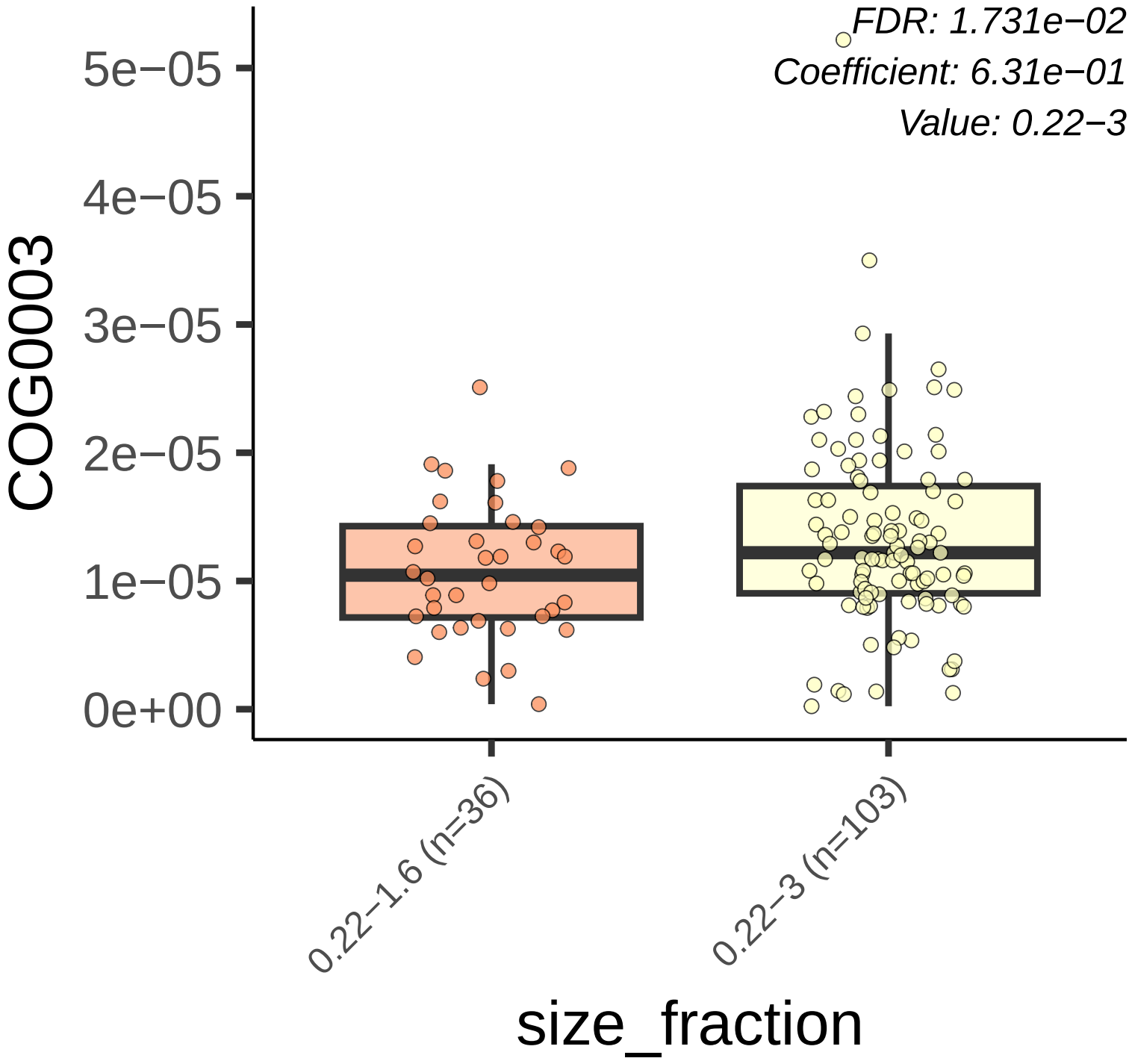

FDR: 1.716e−02
Coefficient: 3.21e−01
Value: 0.22−3
COG0580
6e−04
4e−04
2e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

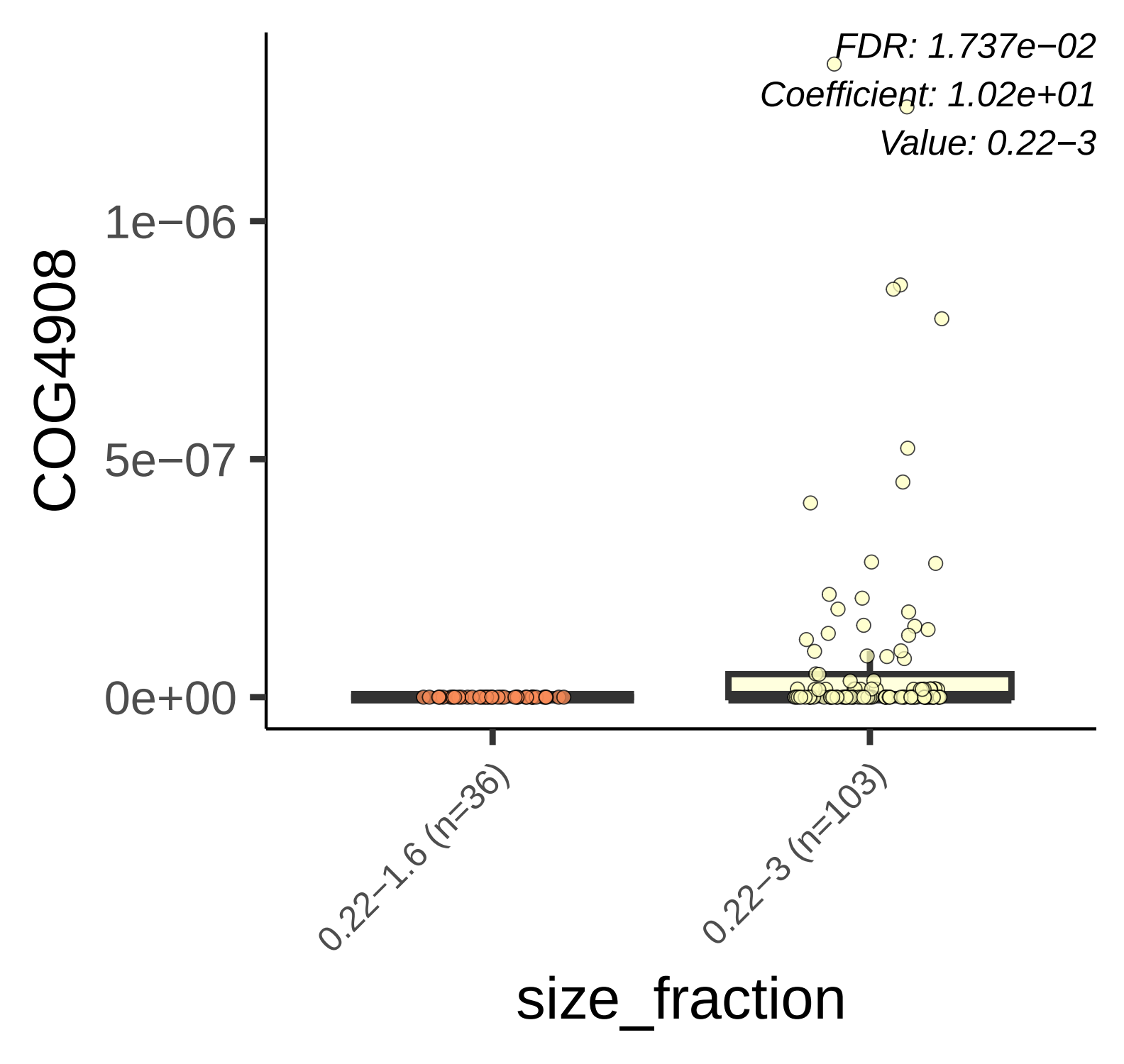

FDR: 1.716e−02
Coefficient: 7.95e−01
Value: 0.22−3
COG0856
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

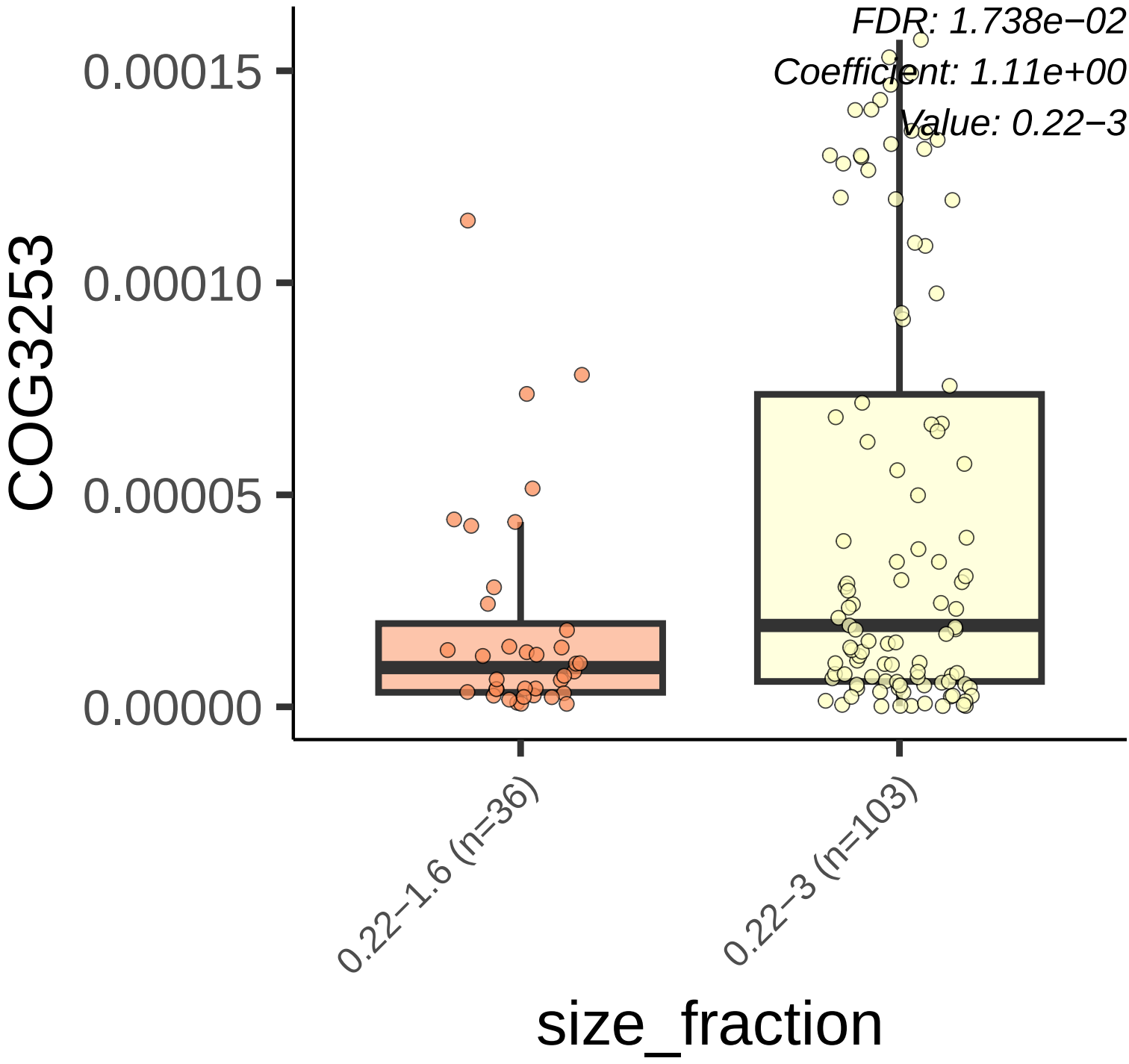

FDR: 1.725e−02
Coefficient: 1.21e+00
Value: 0.22−3
COG2126
1.5e−05
1.0e−05
5.0e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

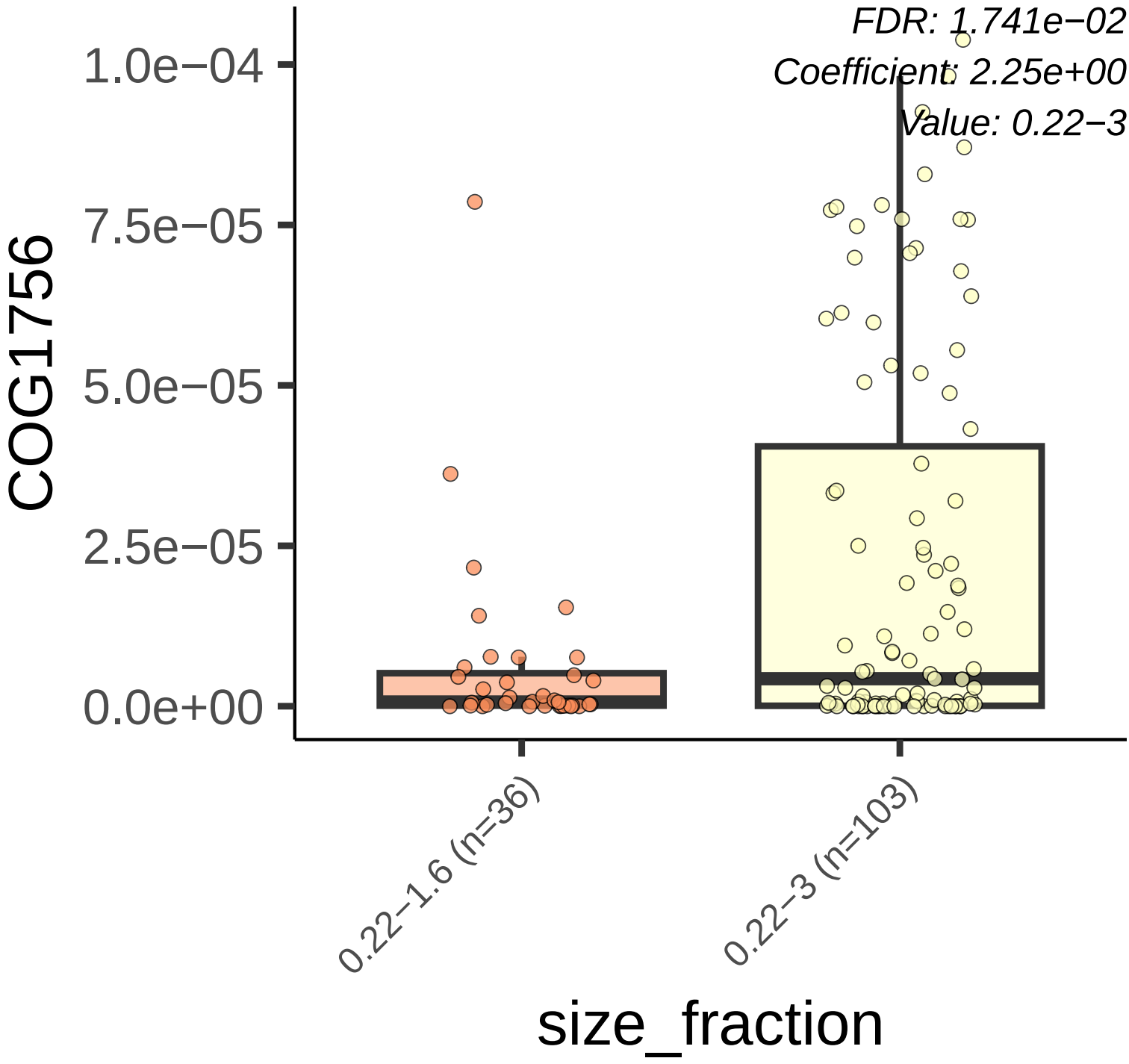

FDR: 1.726e−02
Coefficient: 2.14e+00
Value: 0.22−3
COG1958
3e−04
2e−04
1e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

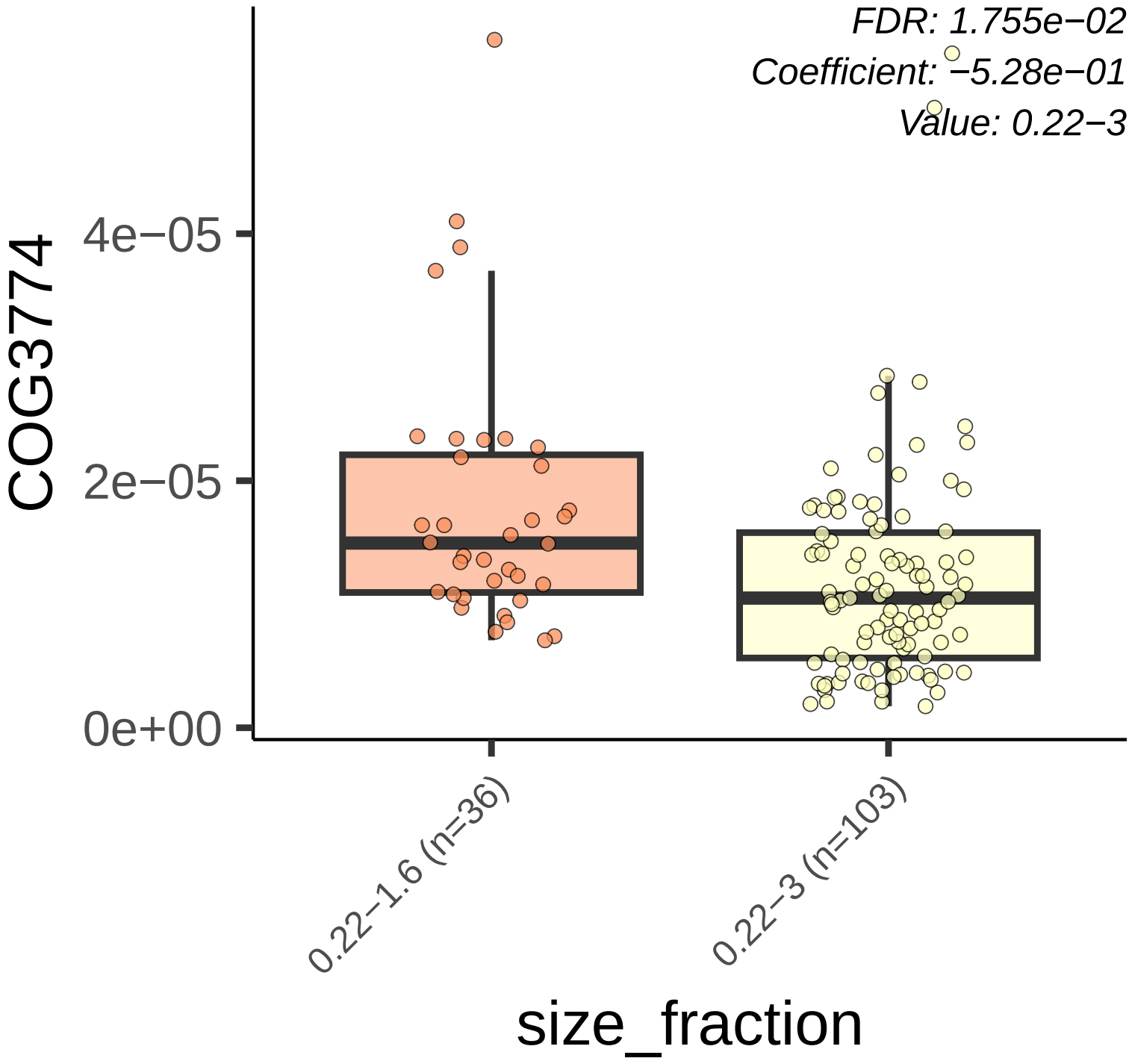

FDR: 1.726e−02
Coefficient: 8.52e−01
Value: 0.22−3
COG2097
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

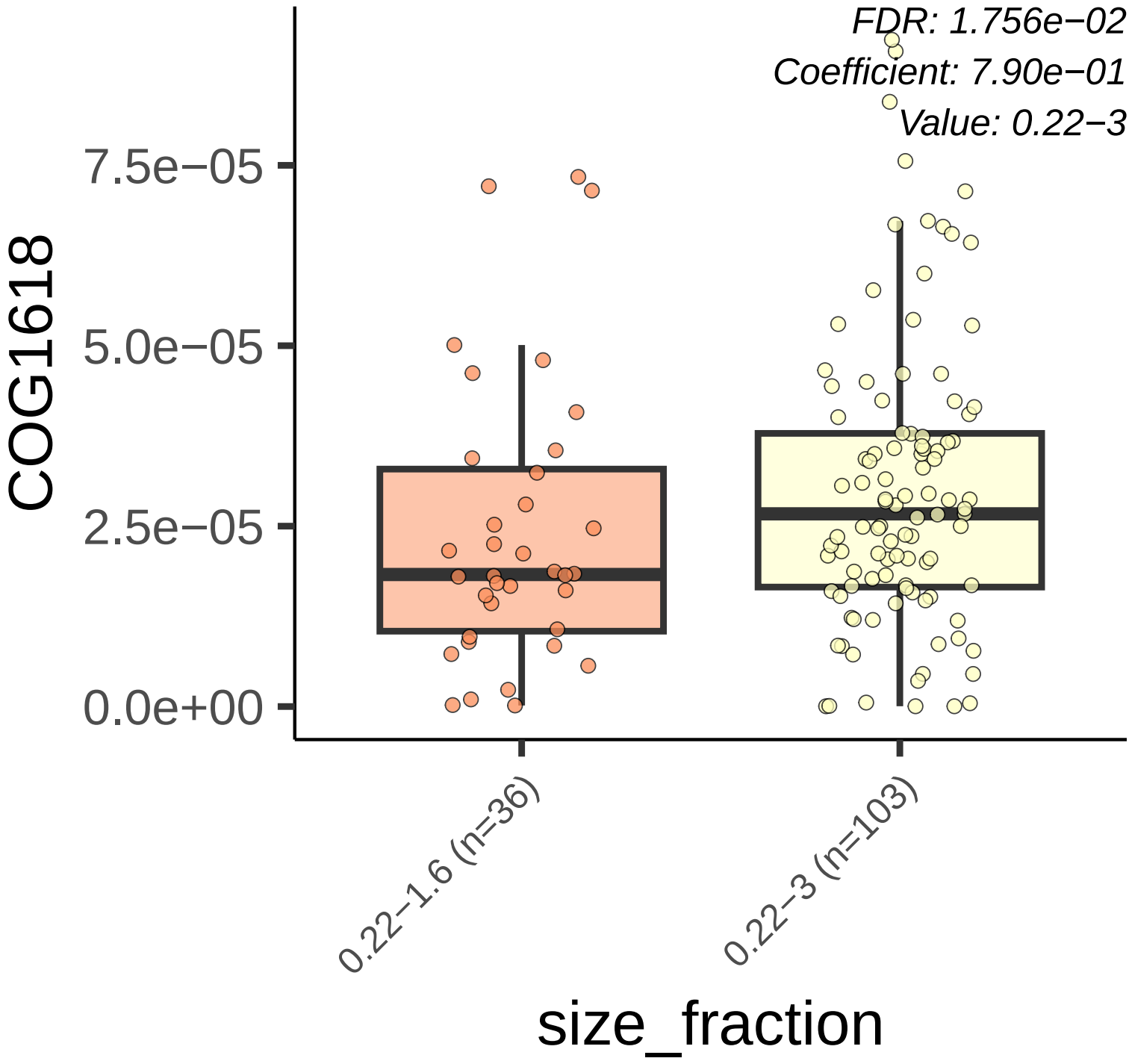

FDR: 1.731e−02
Coefficient: 6.31e−01
Value: 0.22−3
COG0003
5e−05
4e−05
3e−05
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

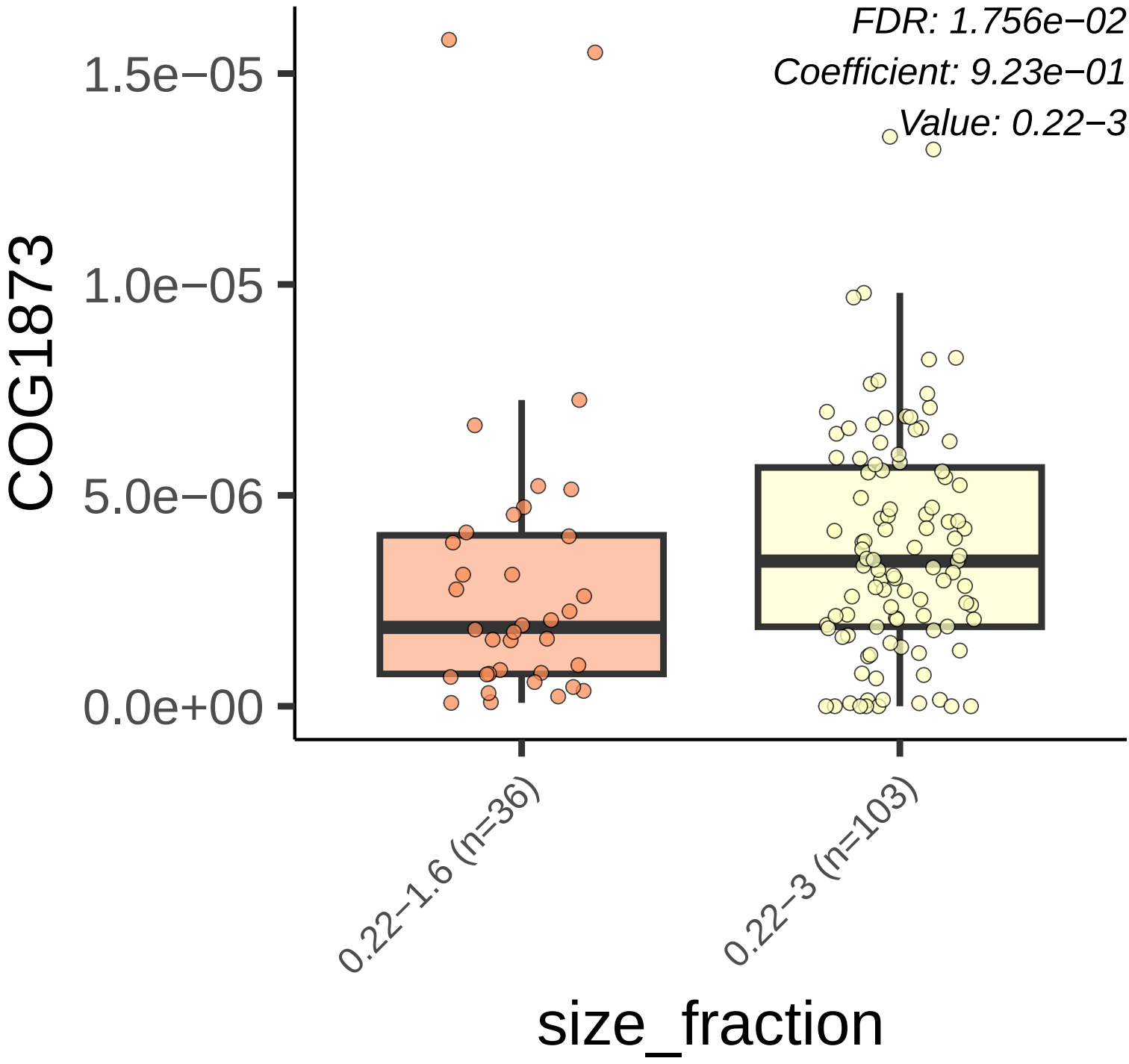

FDR: 1.737e−02
Coefficient: 1.02e+01
Value: 0.22−3
COG4908
1e−06
5e−07
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

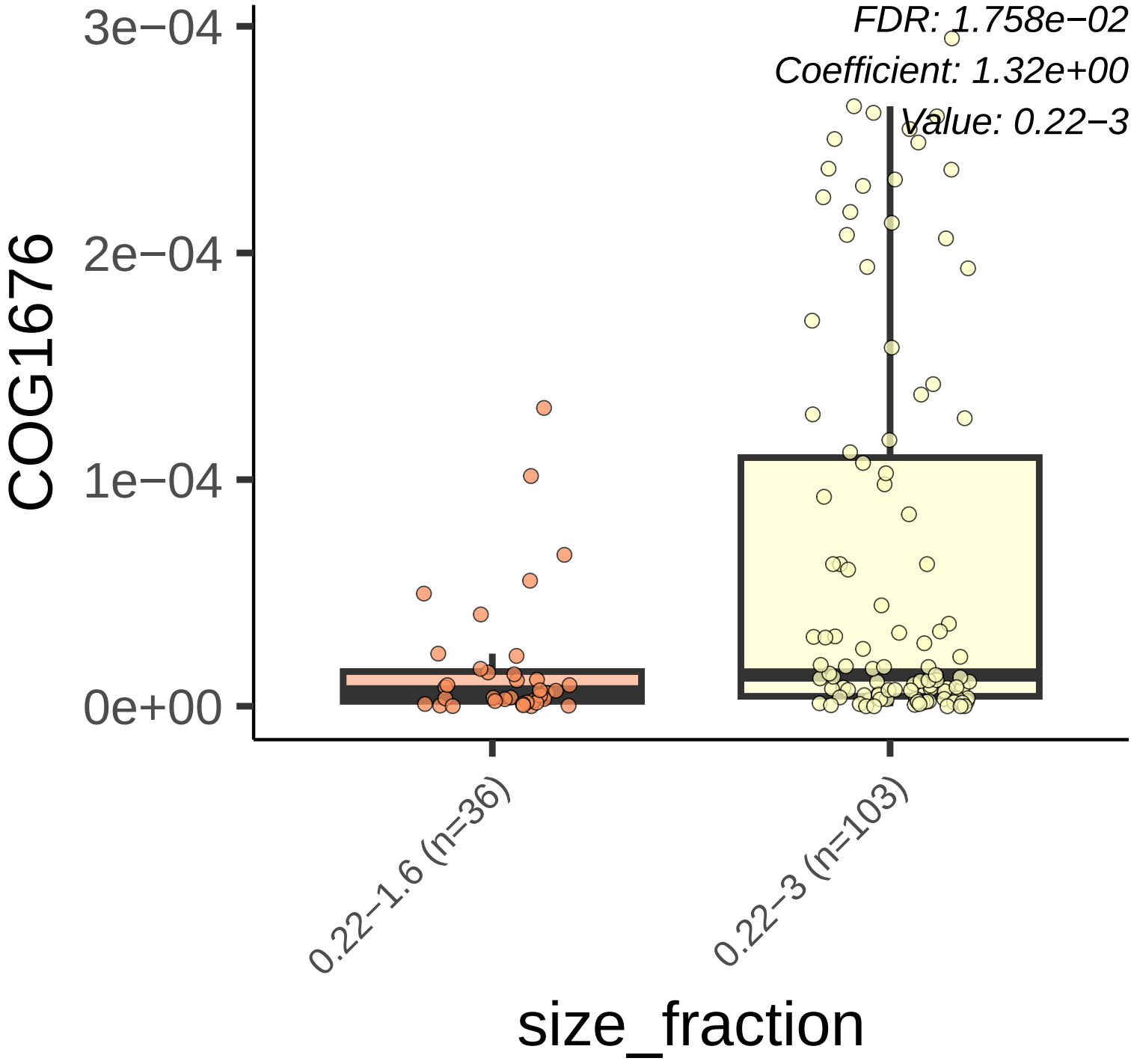

FDR: 1.738e−02
Coefficient: 1.11e+00
Value: 0.22−3
COG3253
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

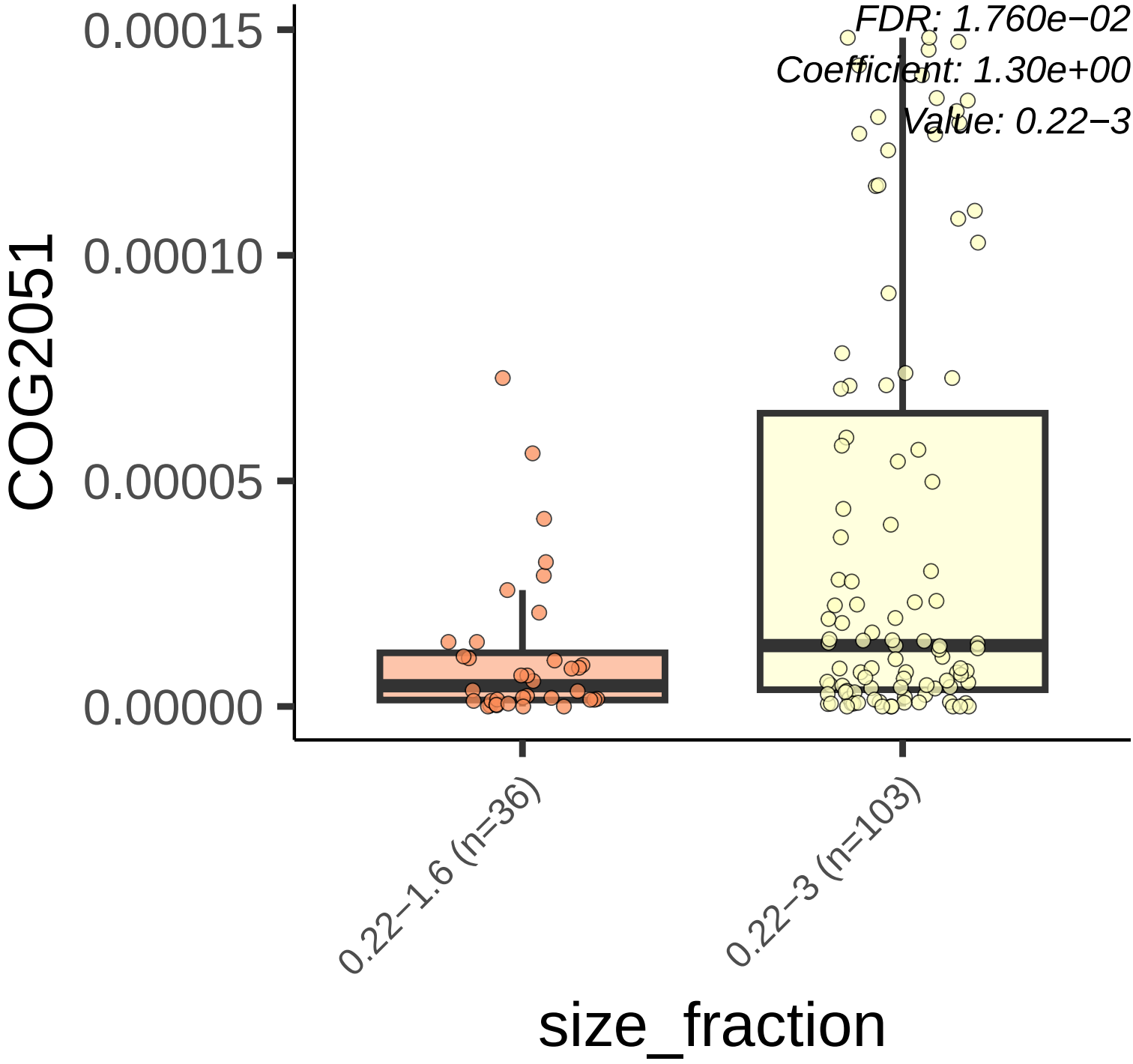

FDR: 1.741e−02
Coefficient: 2.25e+00
Value: 0.22−3
COG1756
1.0e−04
7.5e−05
5.0e−05
2.5e−05
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

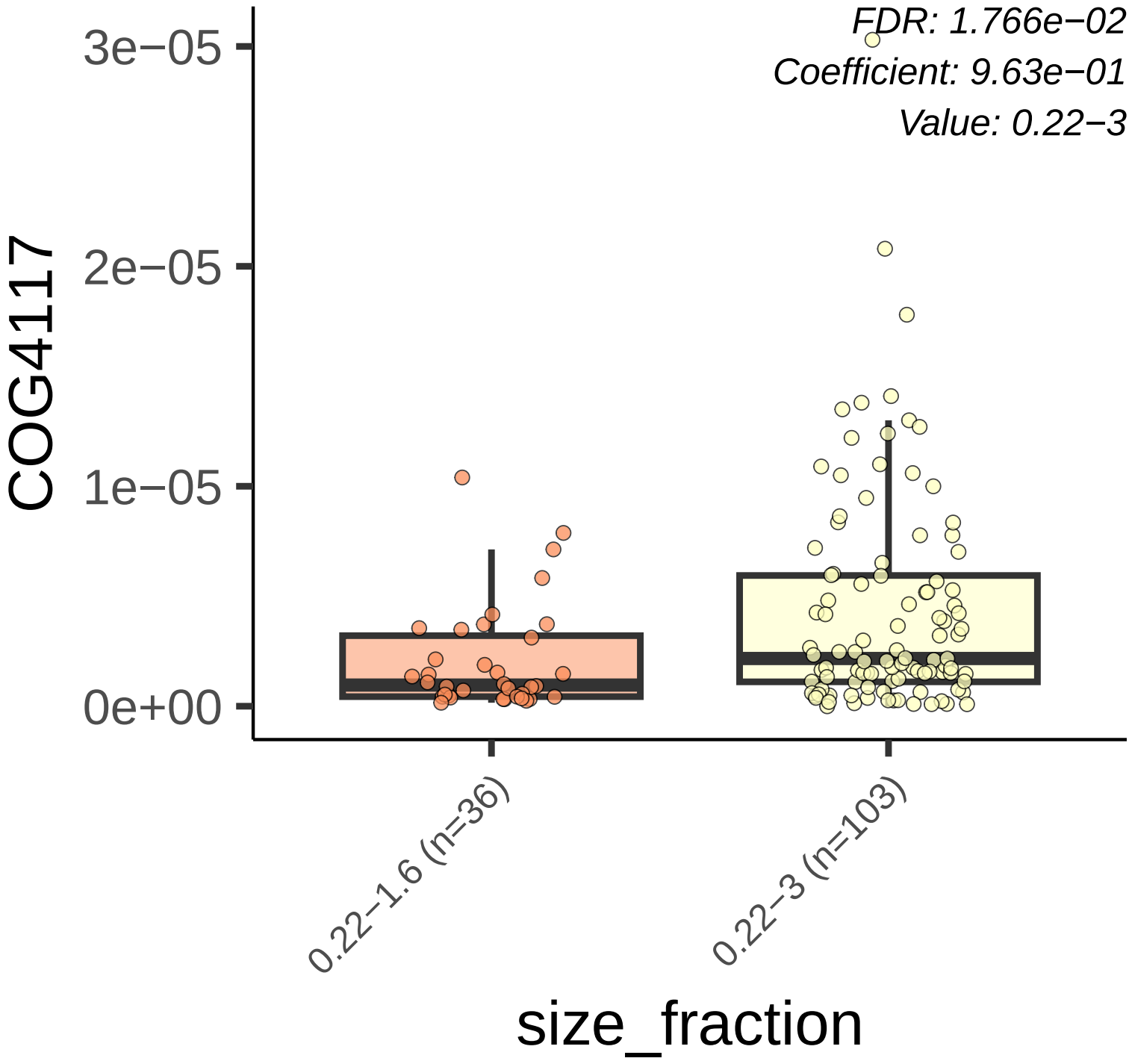

FDR: 1.755e−02
Coefficient: −5.28e−01
Value: 0.22−3
COG3774
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

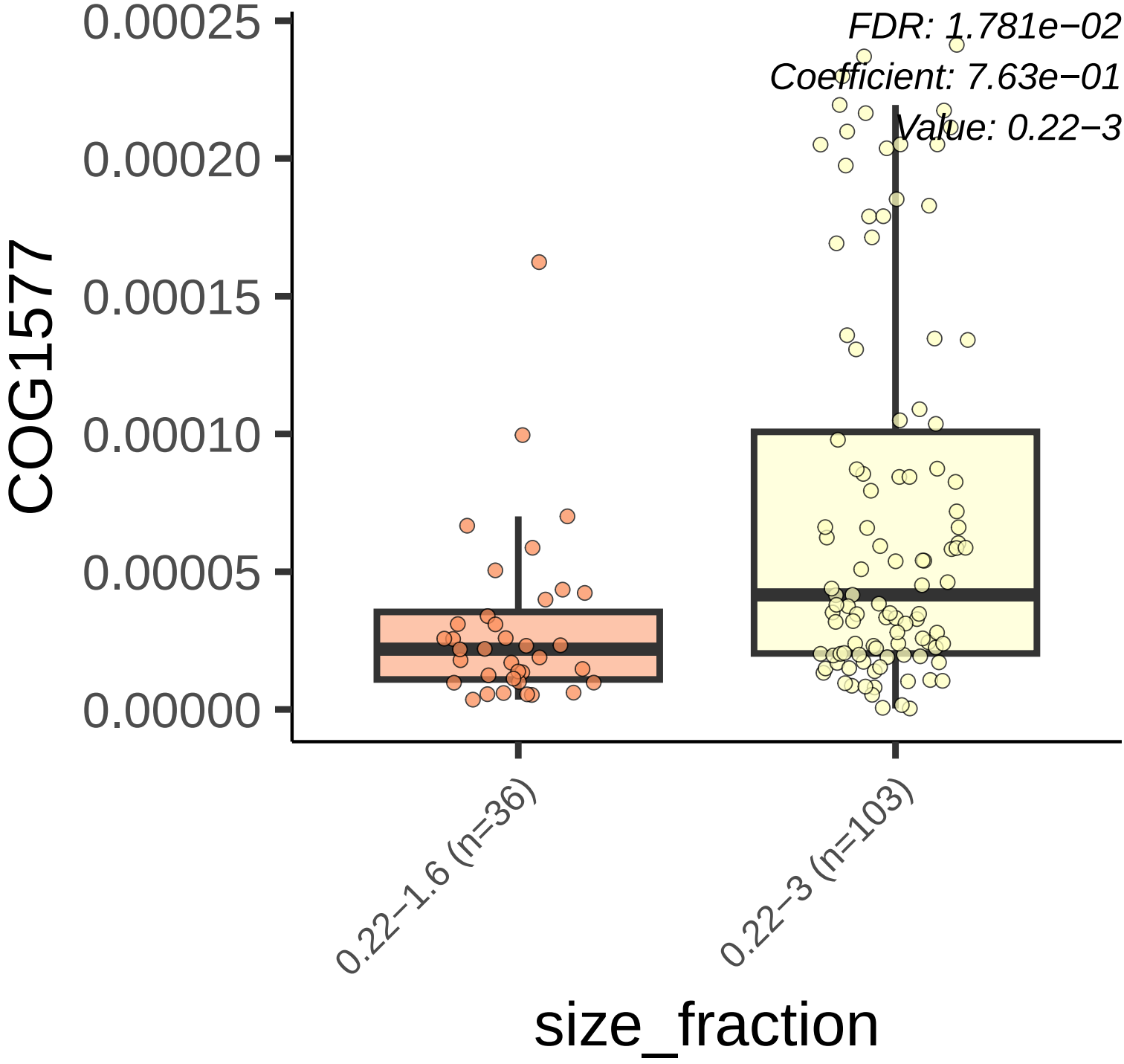

FDR: 1.756e−02
Coefficient: 7.90e−01
Value: 0.22−3
COG1618
7.5e−05
5.0e−05
2.5e−05
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

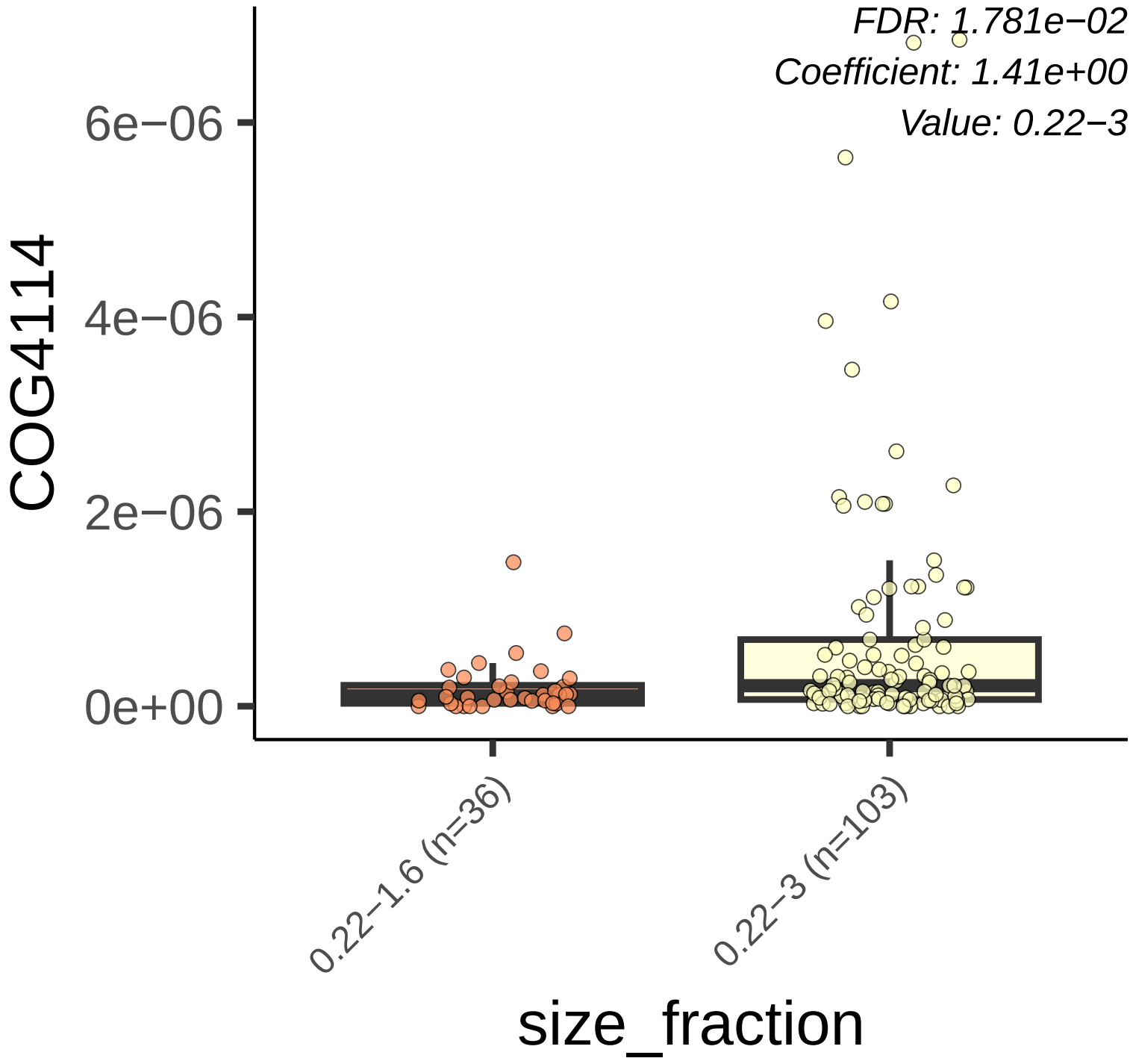

FDR: 1.756e−02
Coefficient: 9.23e−01
Value: 0.22−3
COG1873
1.5e−05
1.0e−05
5.0e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

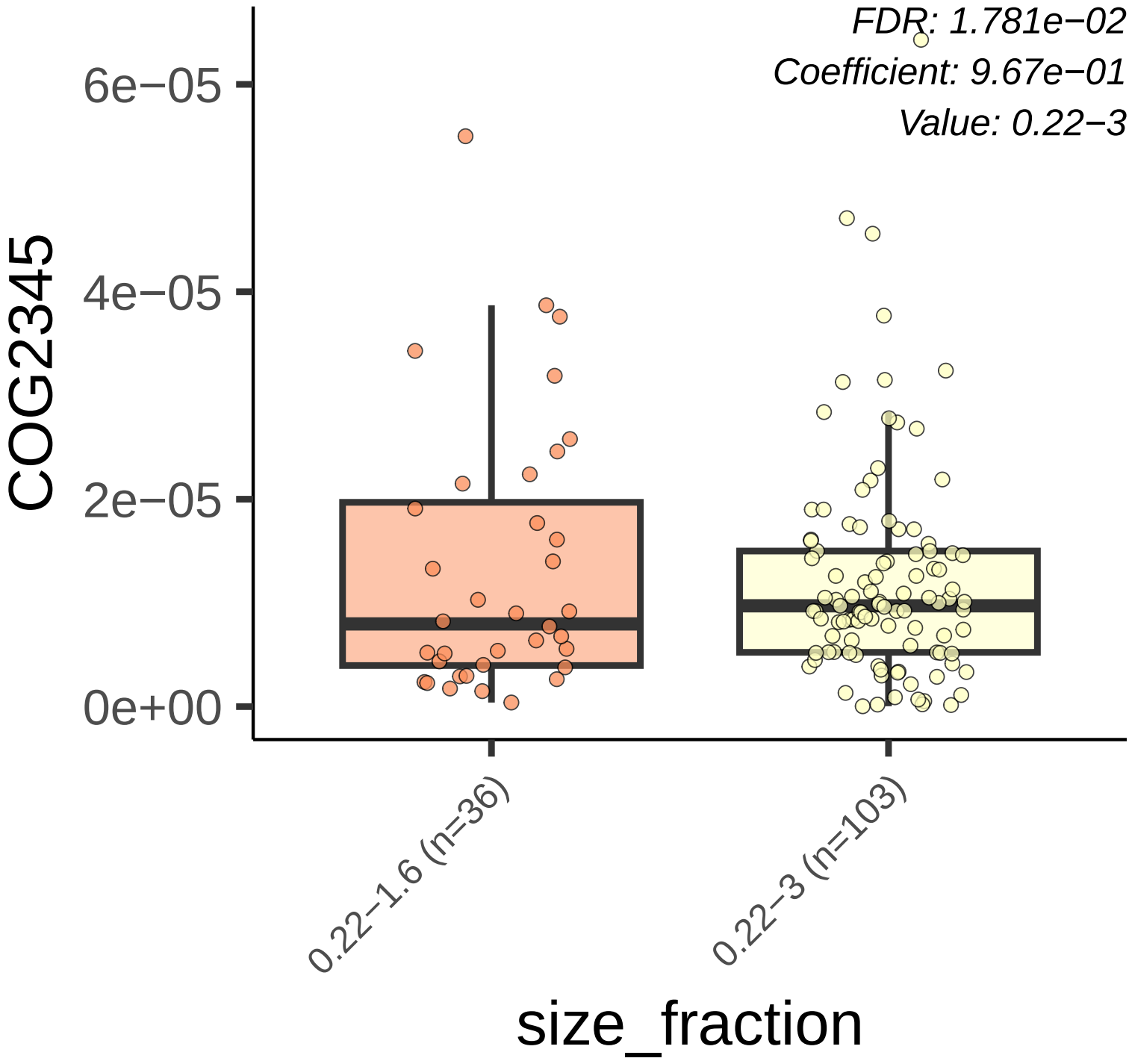

FDR: 1.758e−02
Coefficient: 1.32e+00
Value: 0.22−3
COG1676
3e−04
2e−04
1e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

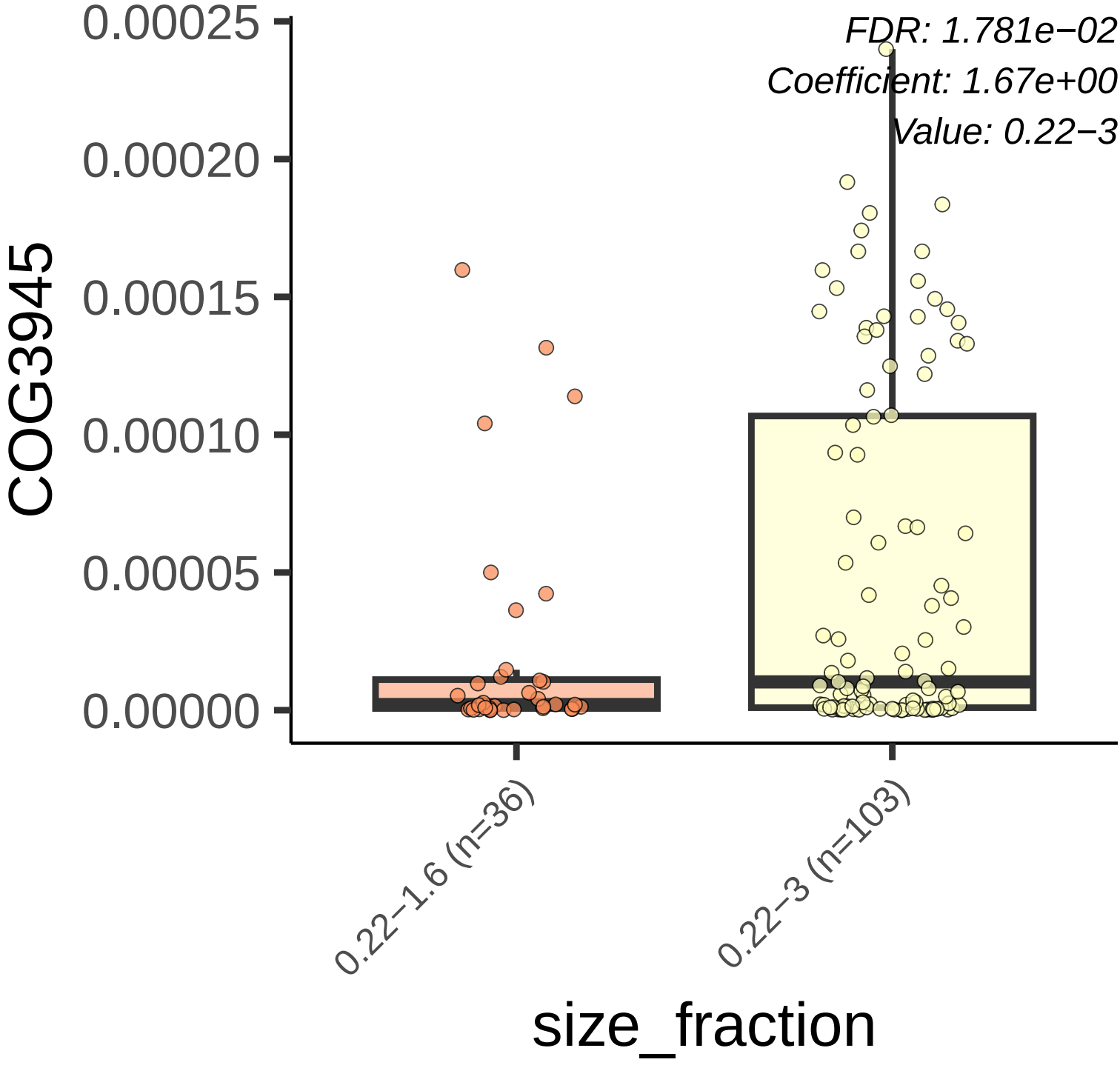

FDR: 1.760e−02
Coefficient: 1.30e+00
Value: 0.22−3
COG2051
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

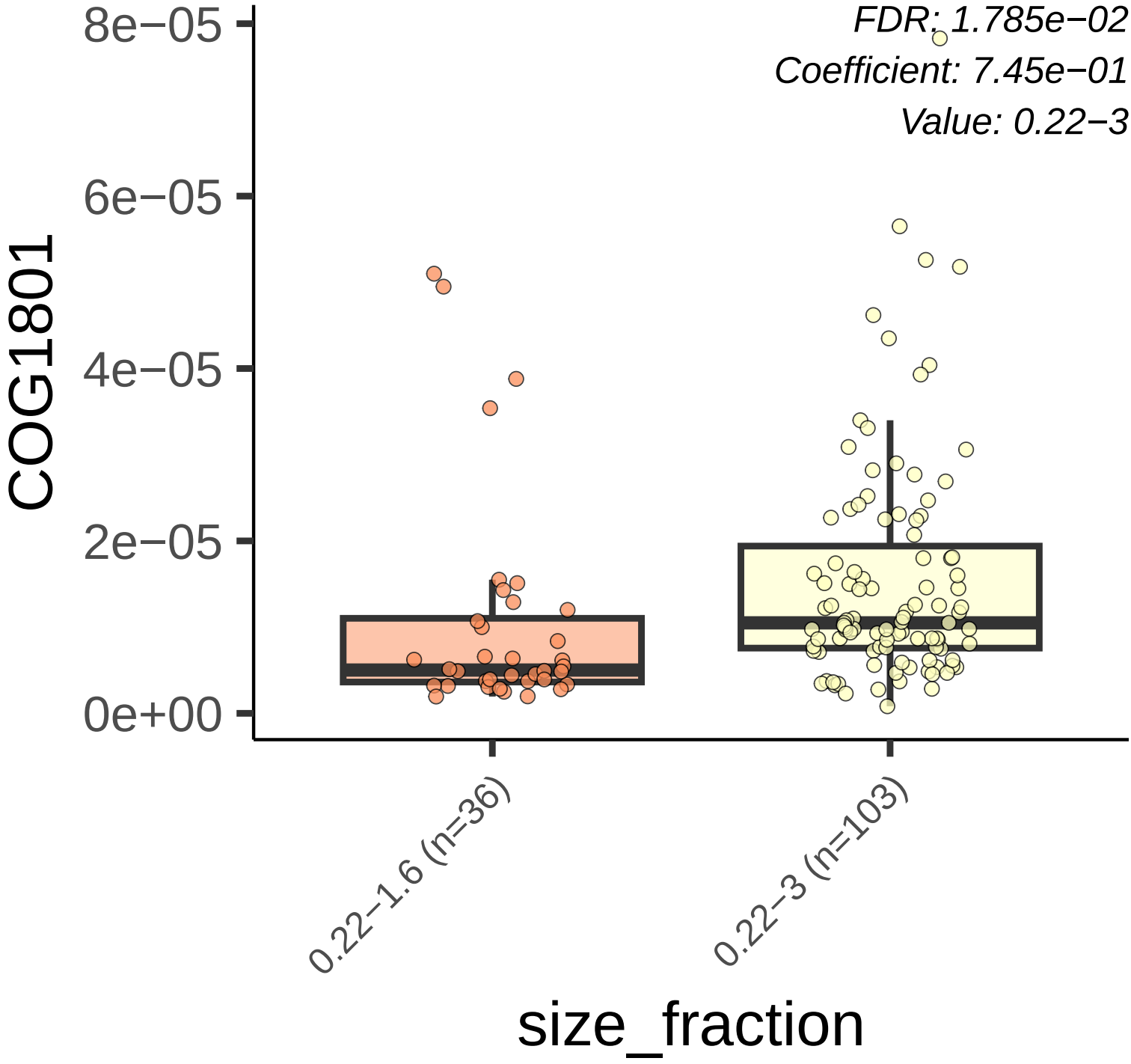

FDR: 1.766e−02
Coefficient: 9.63e−01
Value: 0.22−3
COG4117
3e−05
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

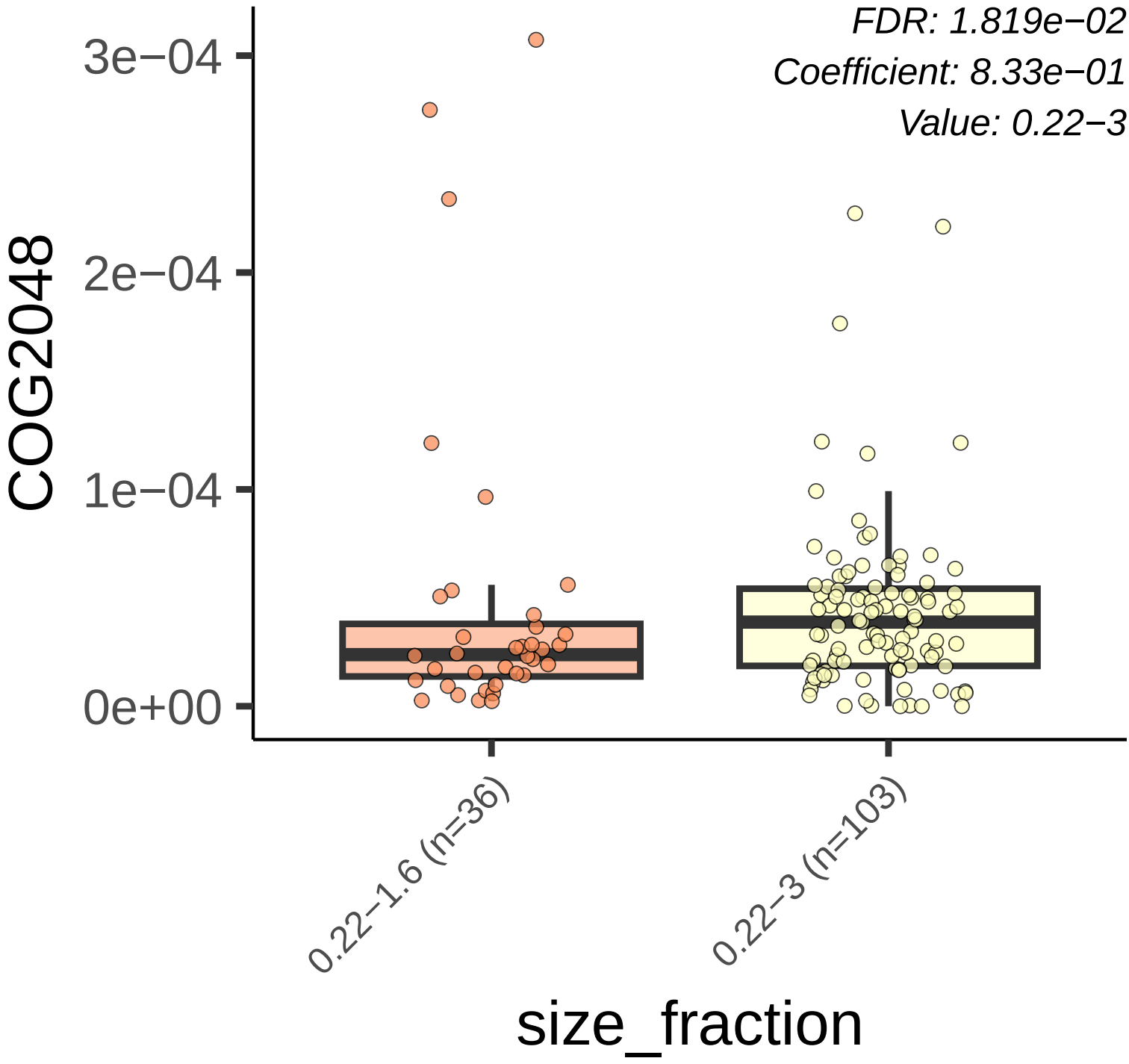

FDR: 1.781e−02
Coefficient: 7.63e−01
Value: 0.22−3
COG1577
0.00025
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

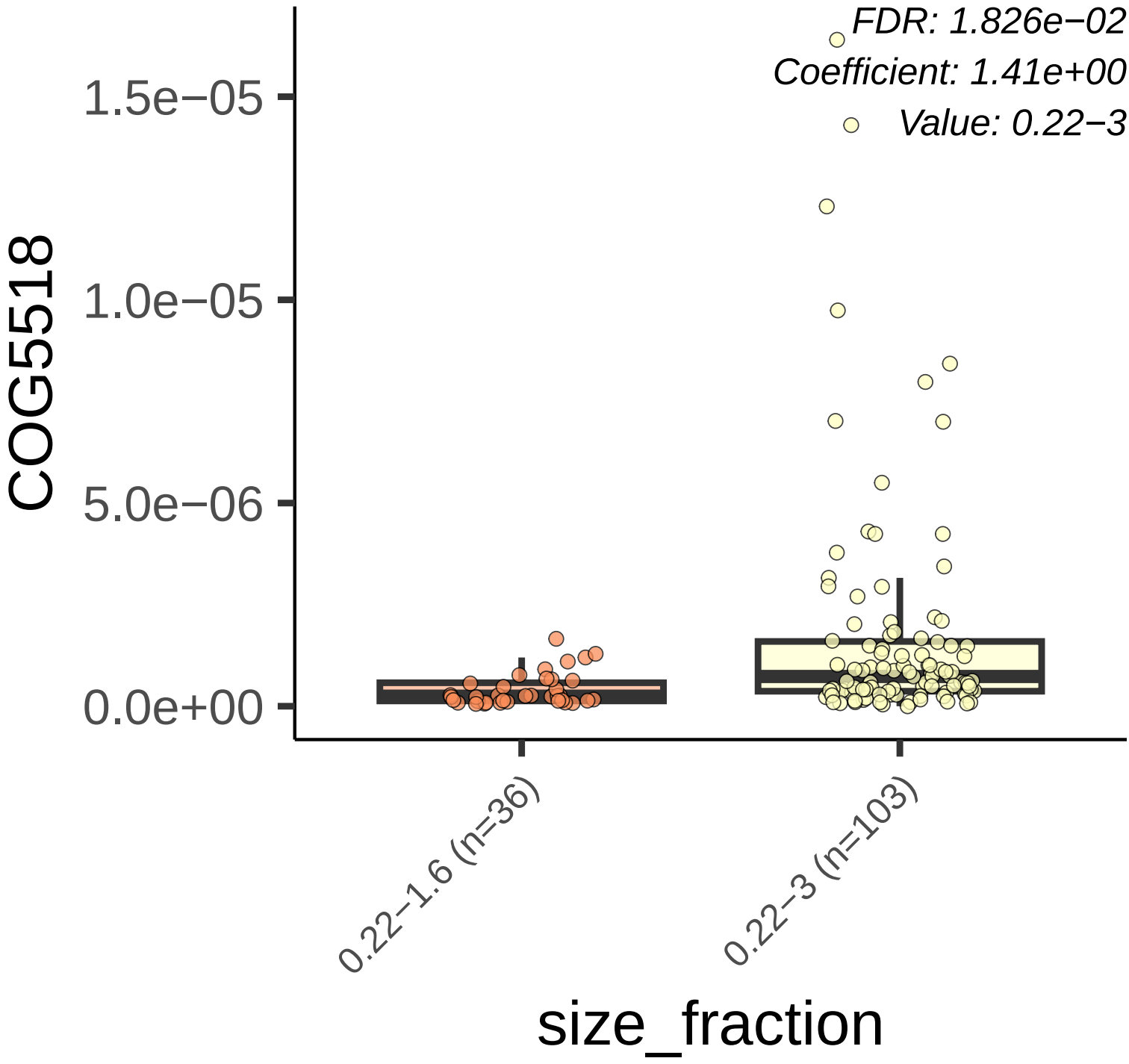

FDR: 1.781e−02
Coefficient: 1.41e+00
Value: 0.22−3
COG4114
6e−06
4e−06
2e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

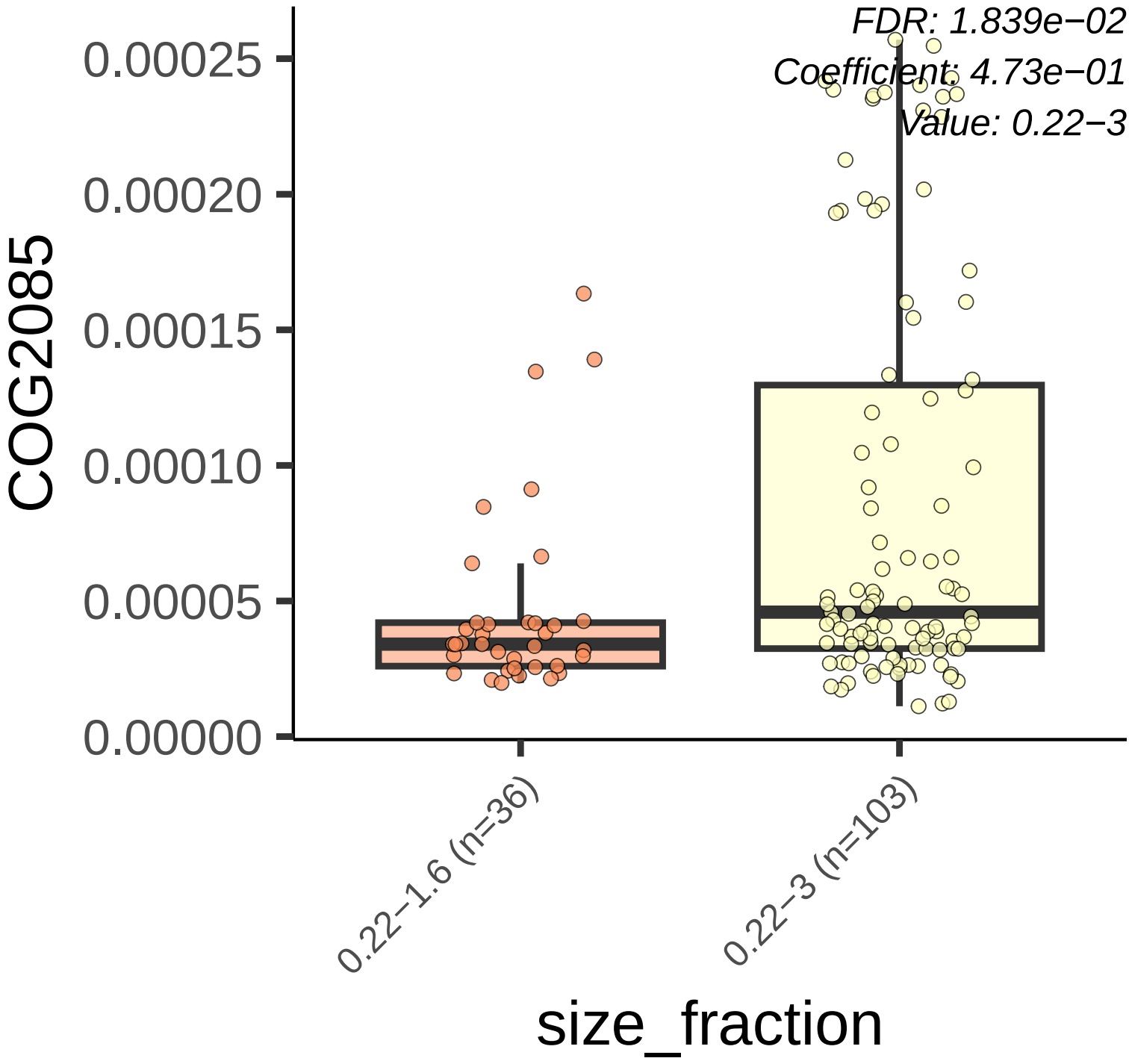

FDR: 1.781e−02
Coefficient: 9.67e−01
Value: 0.22−3
COG2345
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

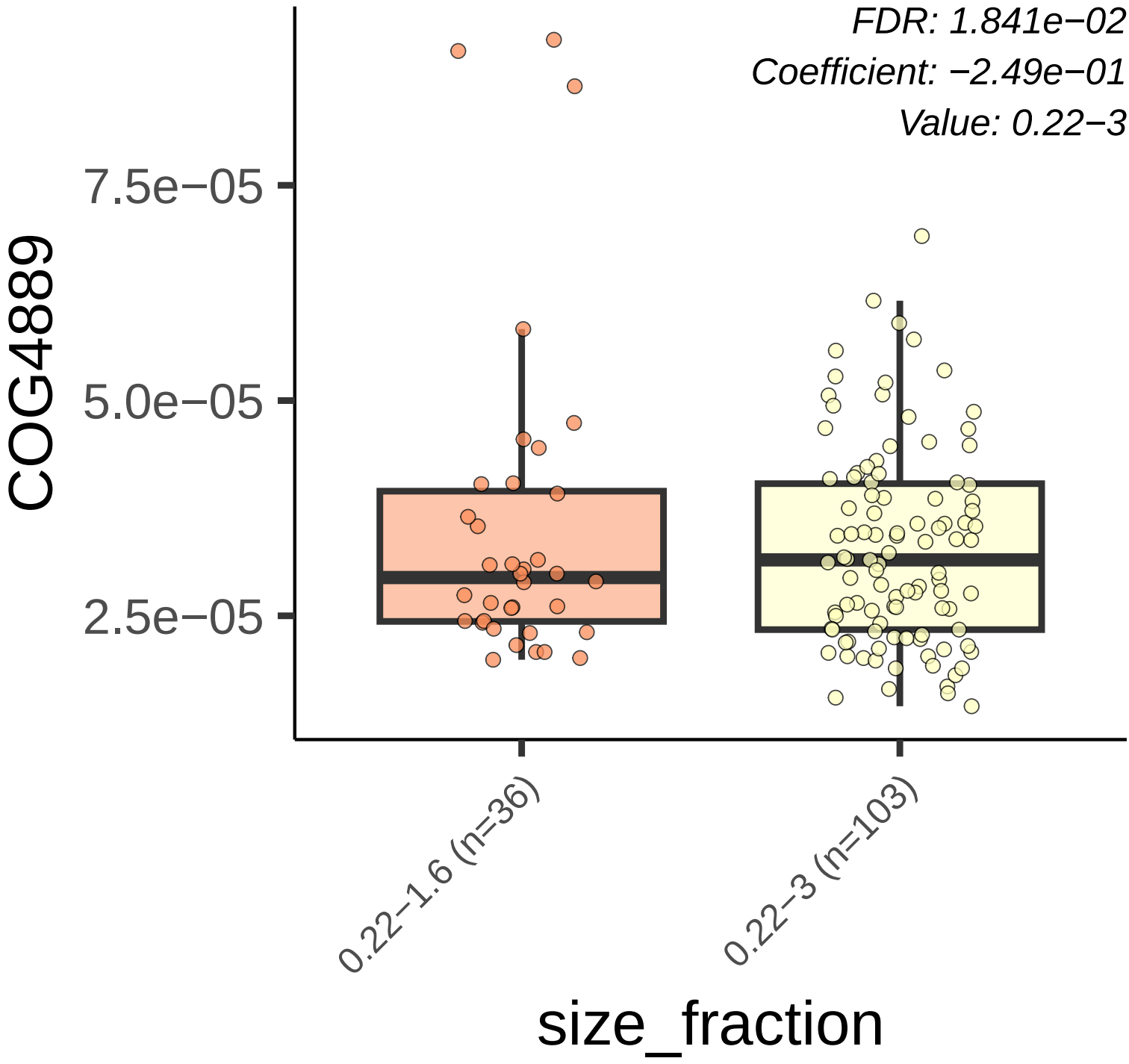

FDR: 1.781e−02
Coefficient: 1.67e+00
Value: 0.22−3
COG3945
0.00025
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

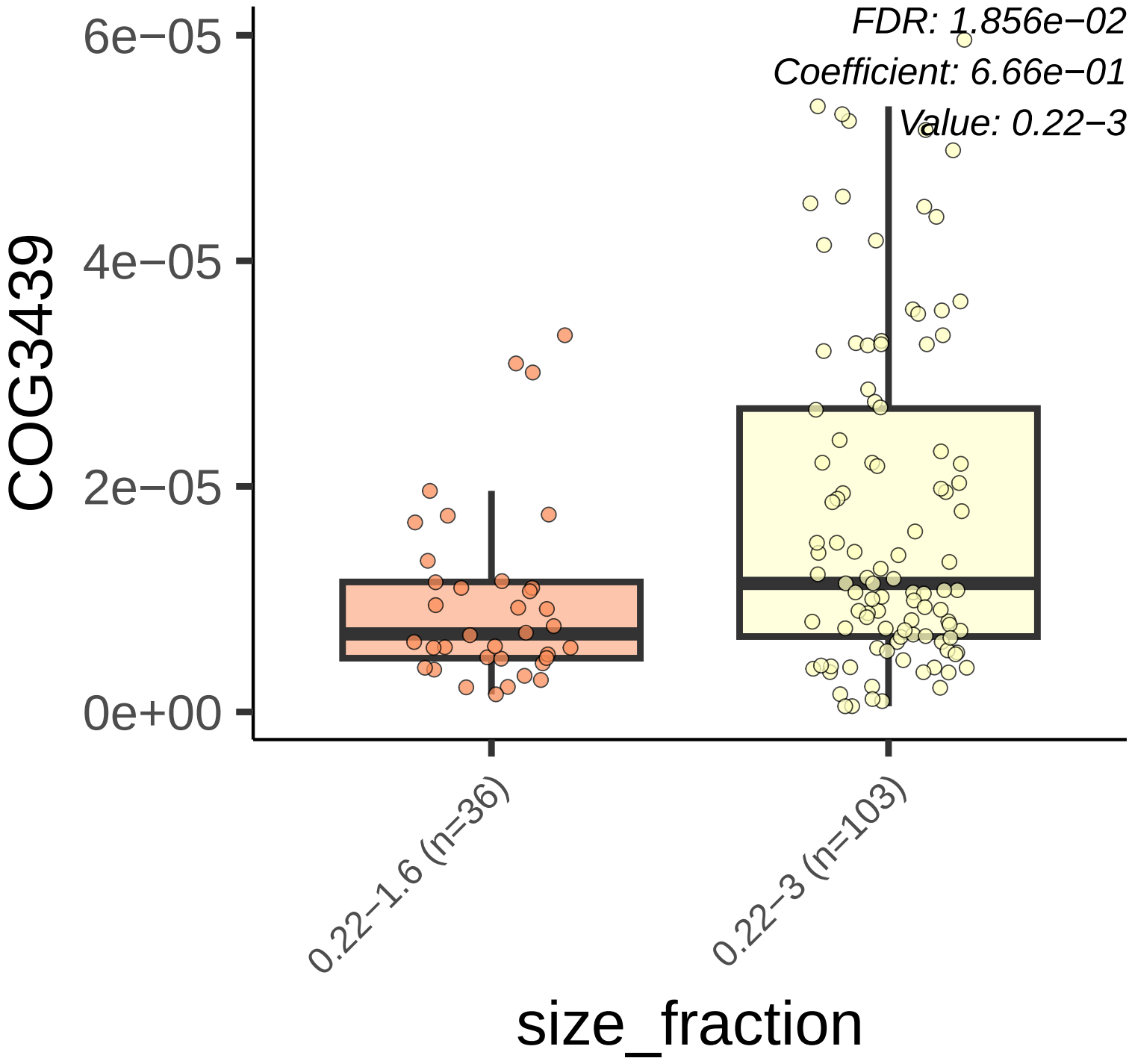

FDR: 1.785e−02
Coefficient: 7.45e−01
Value: 0.22−3
COG1801
8e−05
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

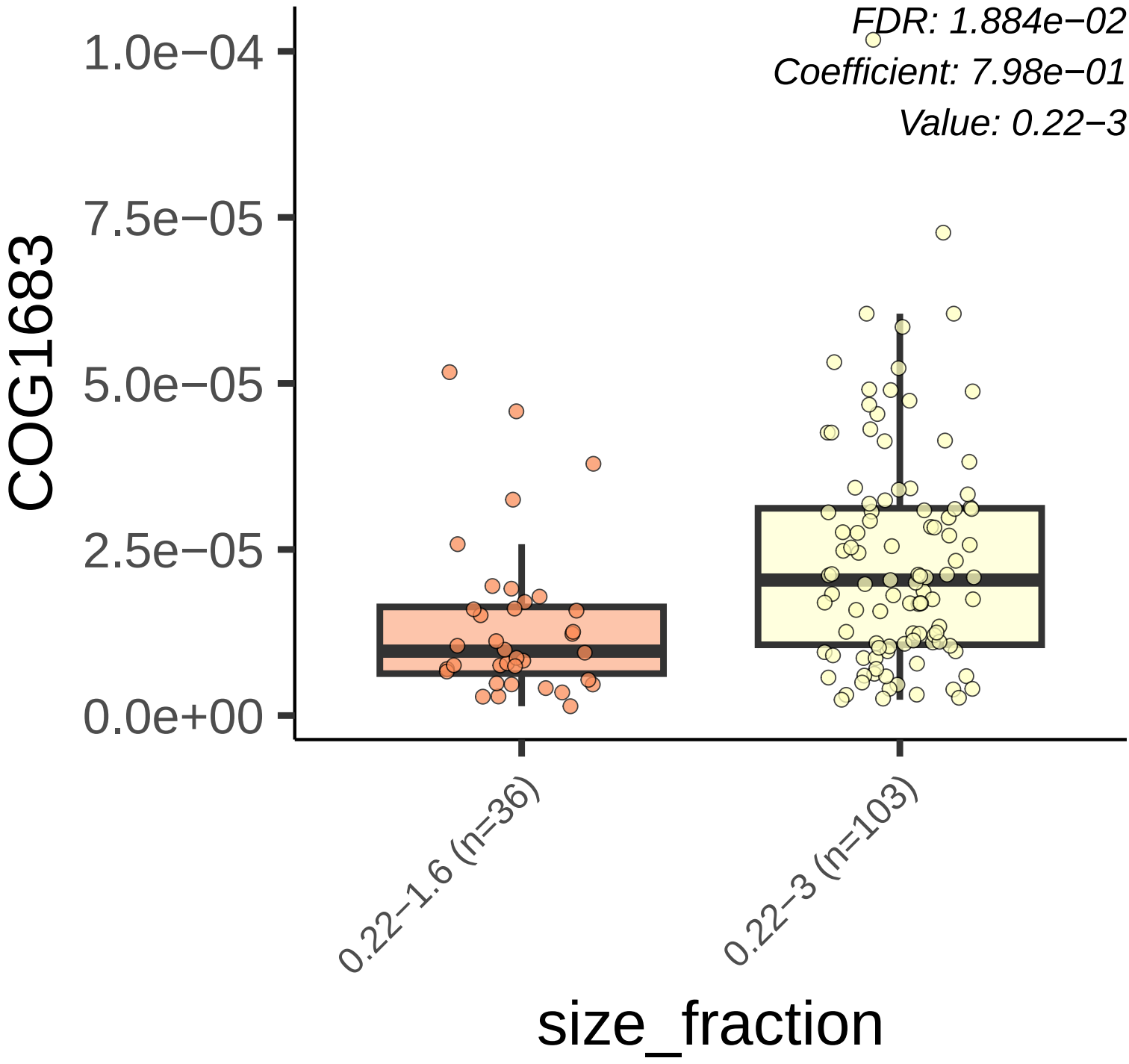

FDR: 1.819e−02
Coefficient: 8.33e−01
Value: 0.22−3
COG2048
3e−04
2e−04
1e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

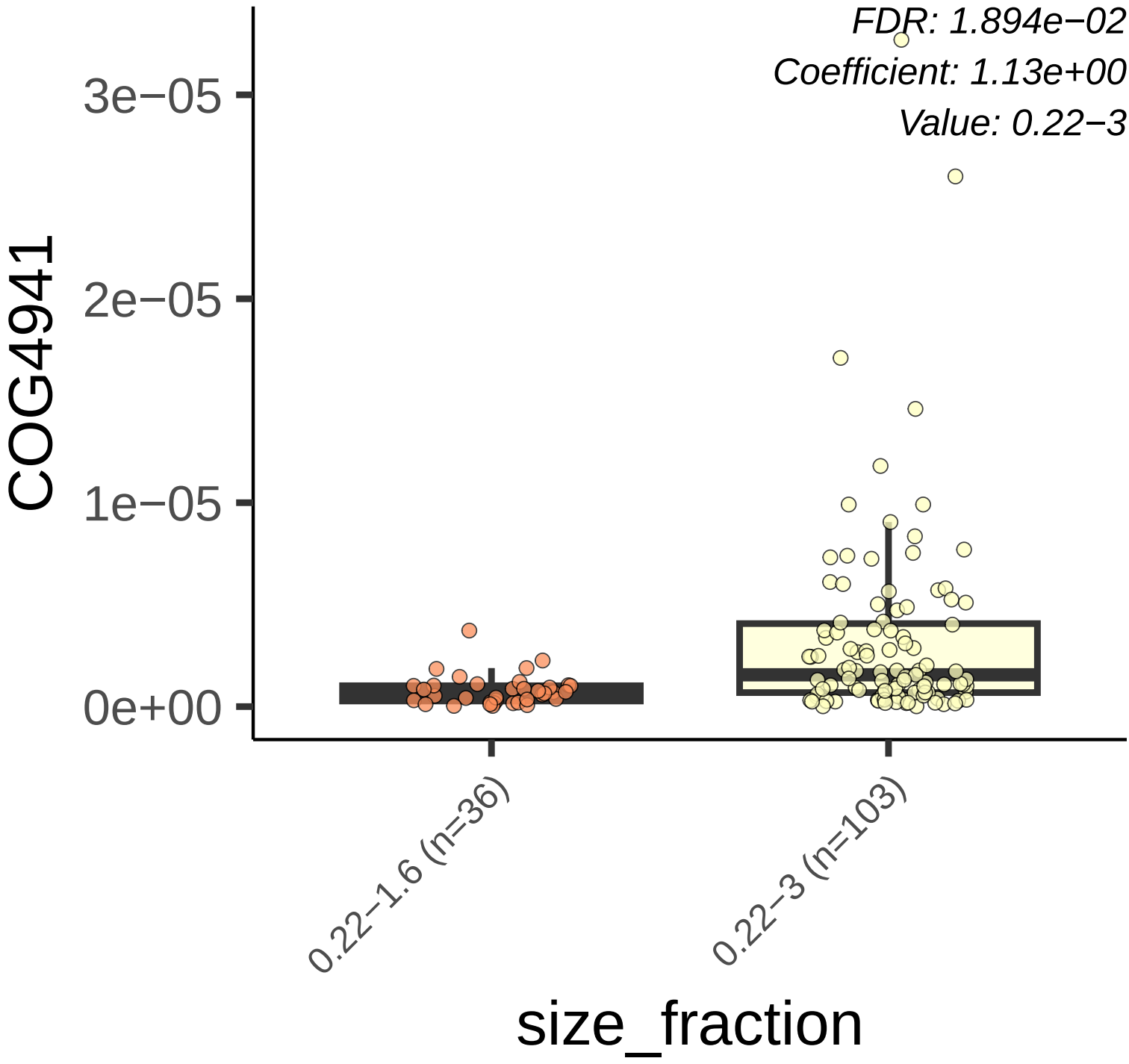

FDR: 1.826e−02
Coefficient: 1.41e+00
Value: 0.22−3
COG5518
1.5e−05
1.0e−05
5.0e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

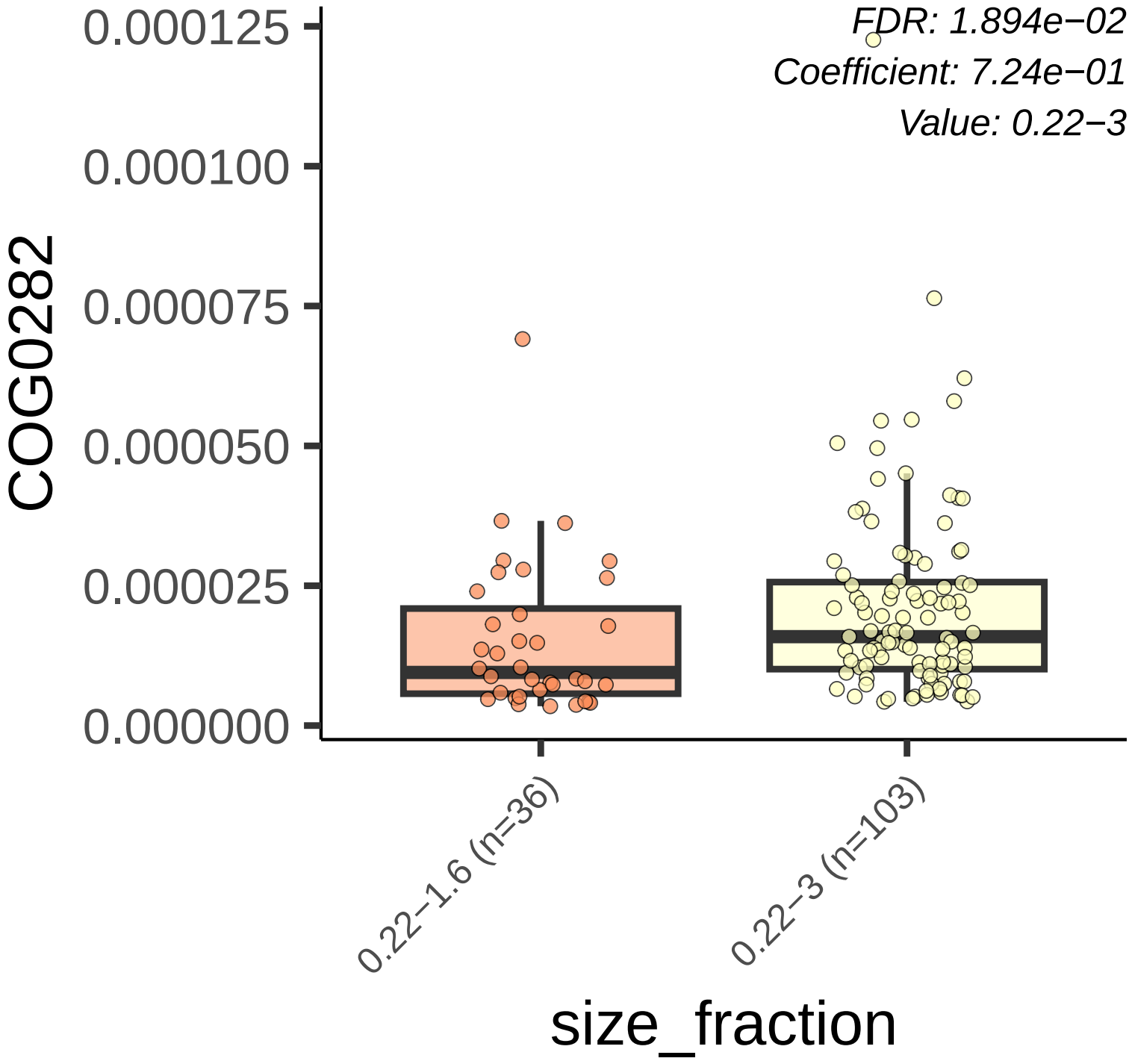

FDR: 1.839e−02
Coefficient: 4.73e−01
Value: 0.22−3
COG2085
0.00025
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

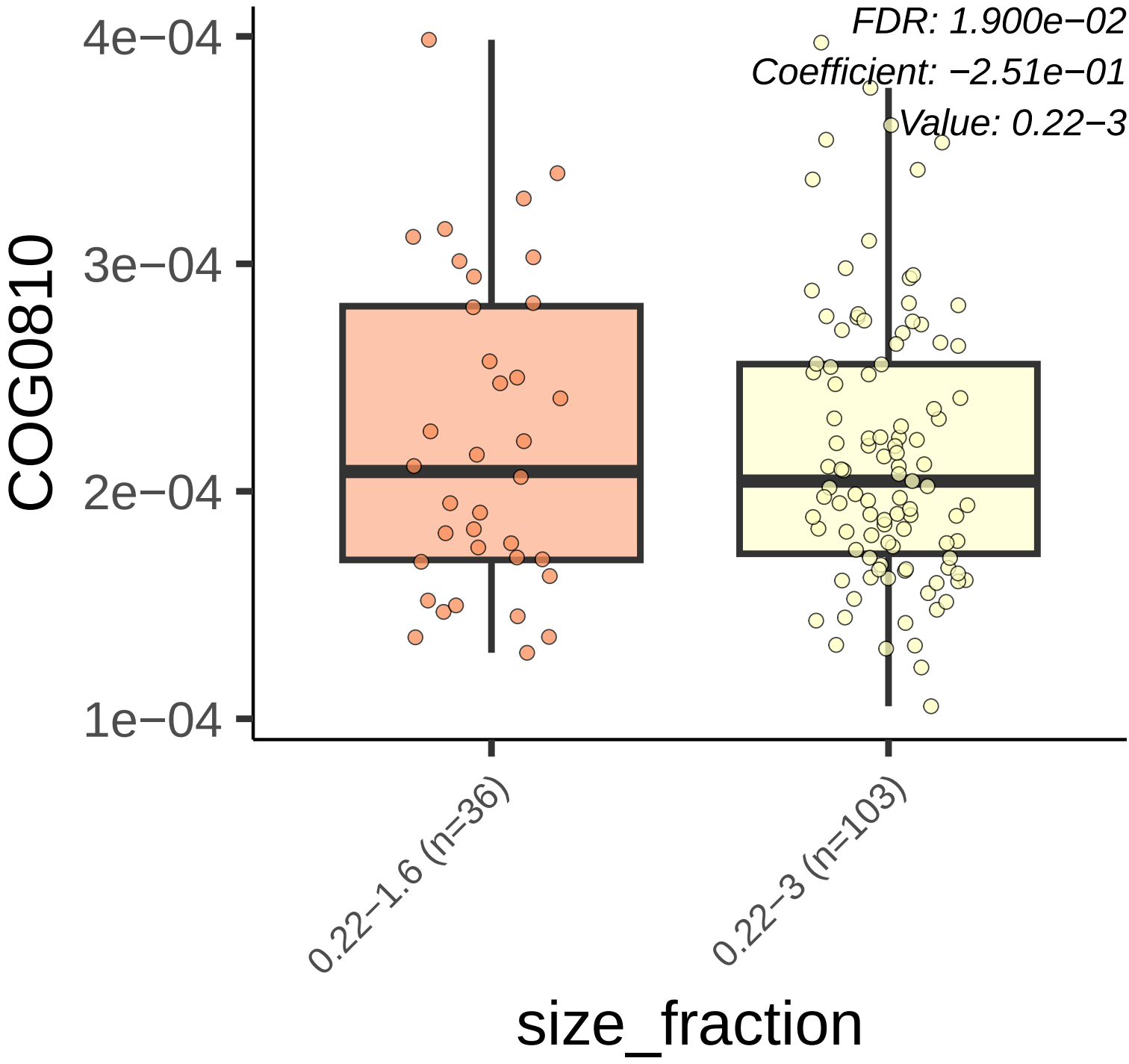

FDR: 1.841e−02
Coefficient: −2.49e−01
Value: 0.22−3
COG4889
7.5e−05
5.0e−05
2.5e−05
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

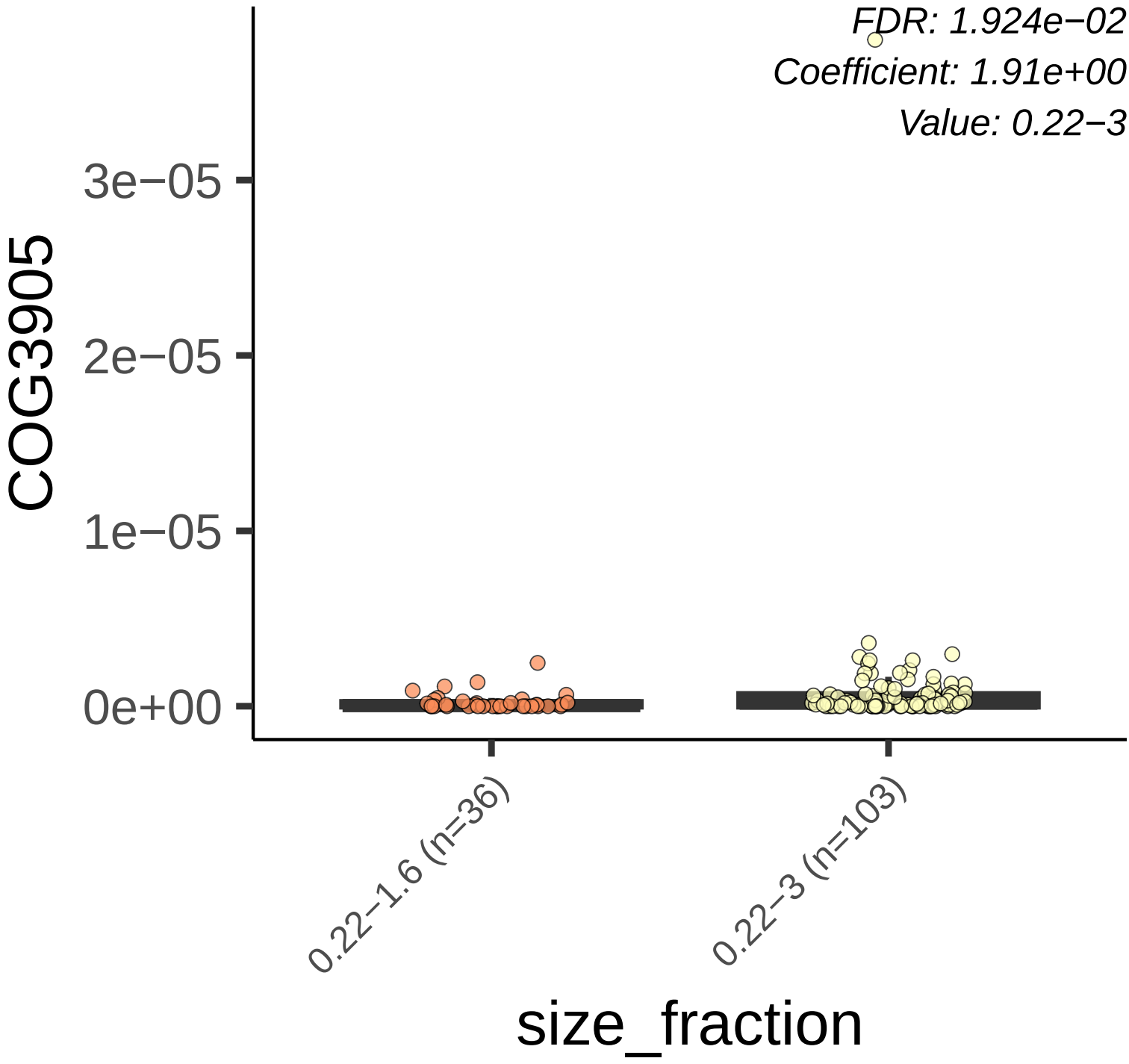

FDR: 1.856e−02
Coefficient: 6.66e−01
Value: 0.22−3
COG3439
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

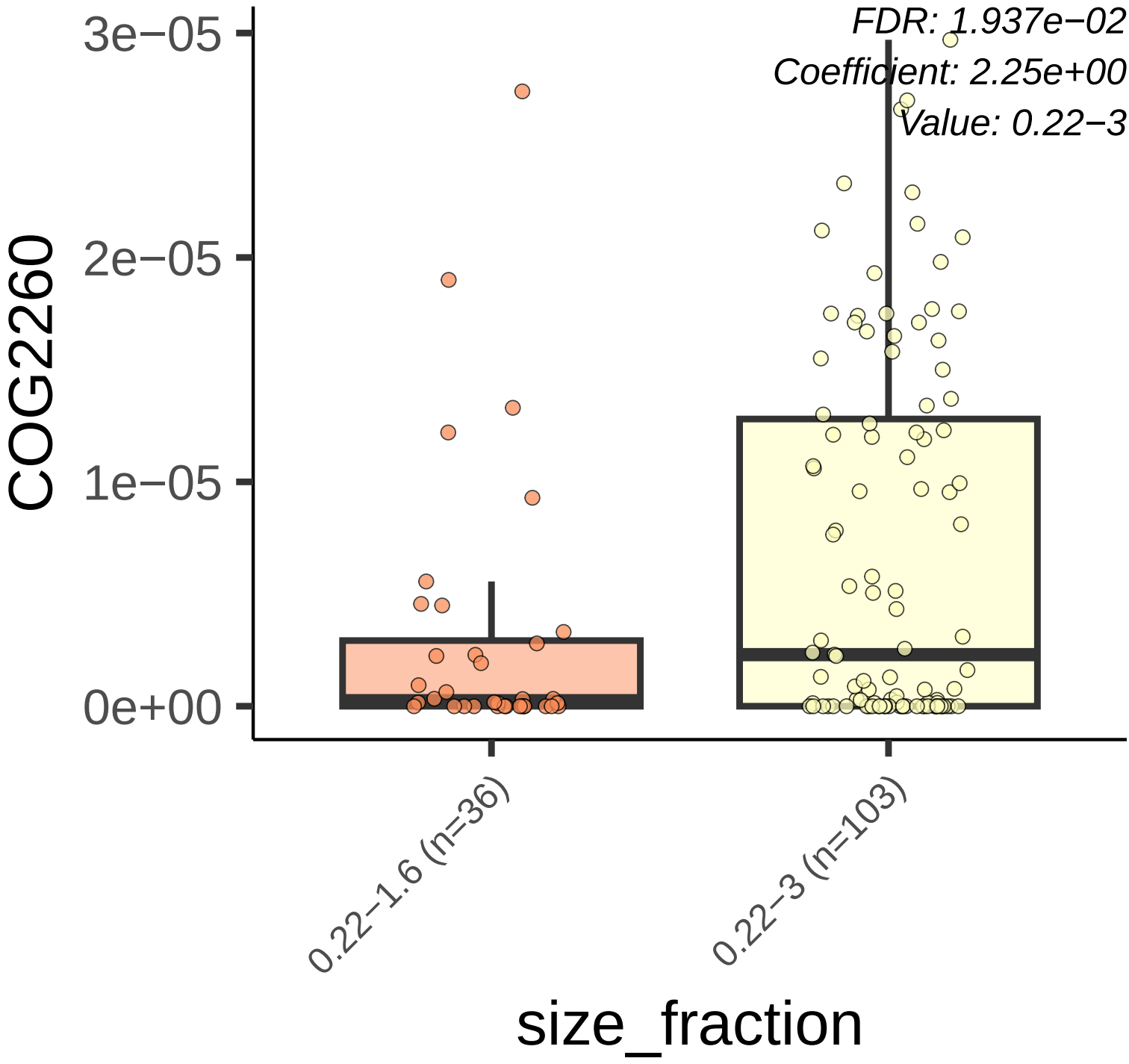

FDR: 1.884e−02
Coefficient: 7.98e−01
Value: 0.22−3
COG1683
1.0e−04
7.5e−05
5.0e−05
2.5e−05
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

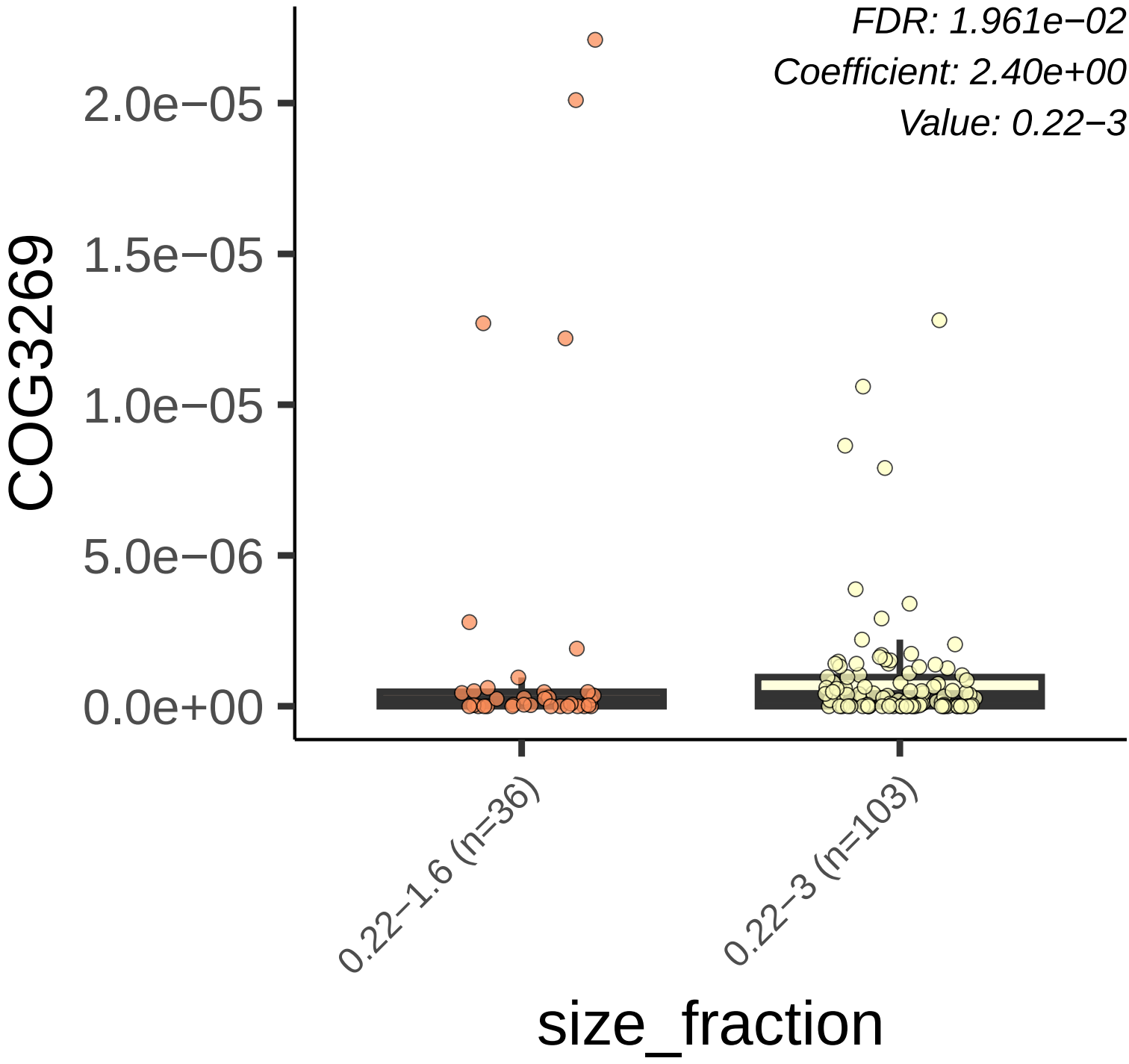

FDR: 1.894e−02
Coefficient: 1.13e+00
Value: 0.22−3
COG4941
3e−05
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

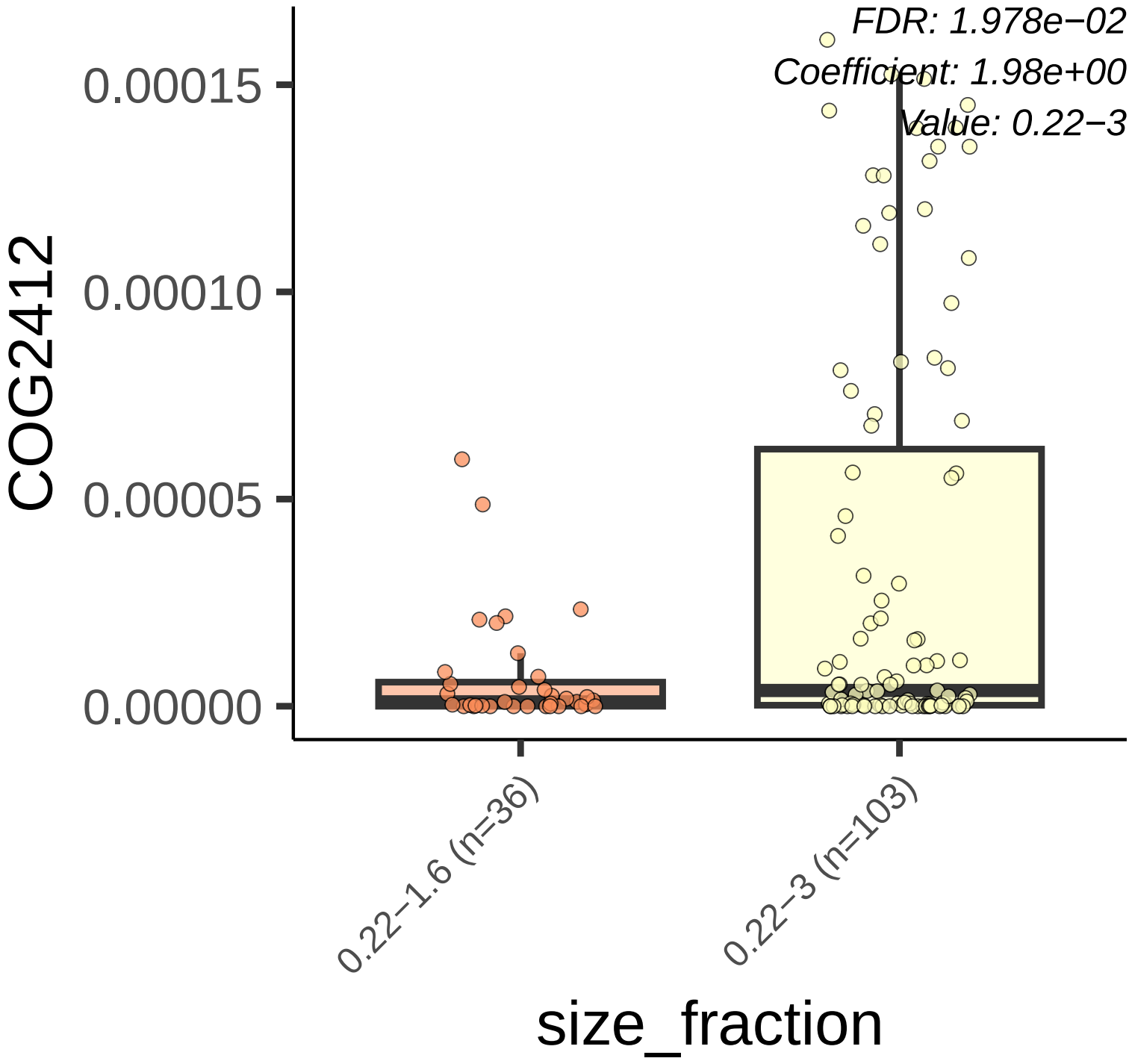

FDR: 1.894e−02
Coefficient: 7.24e−01
Value: 0.22−3
COG0282
0.000125
0.000100
0.000075
0.000050
0.000025
0.000000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

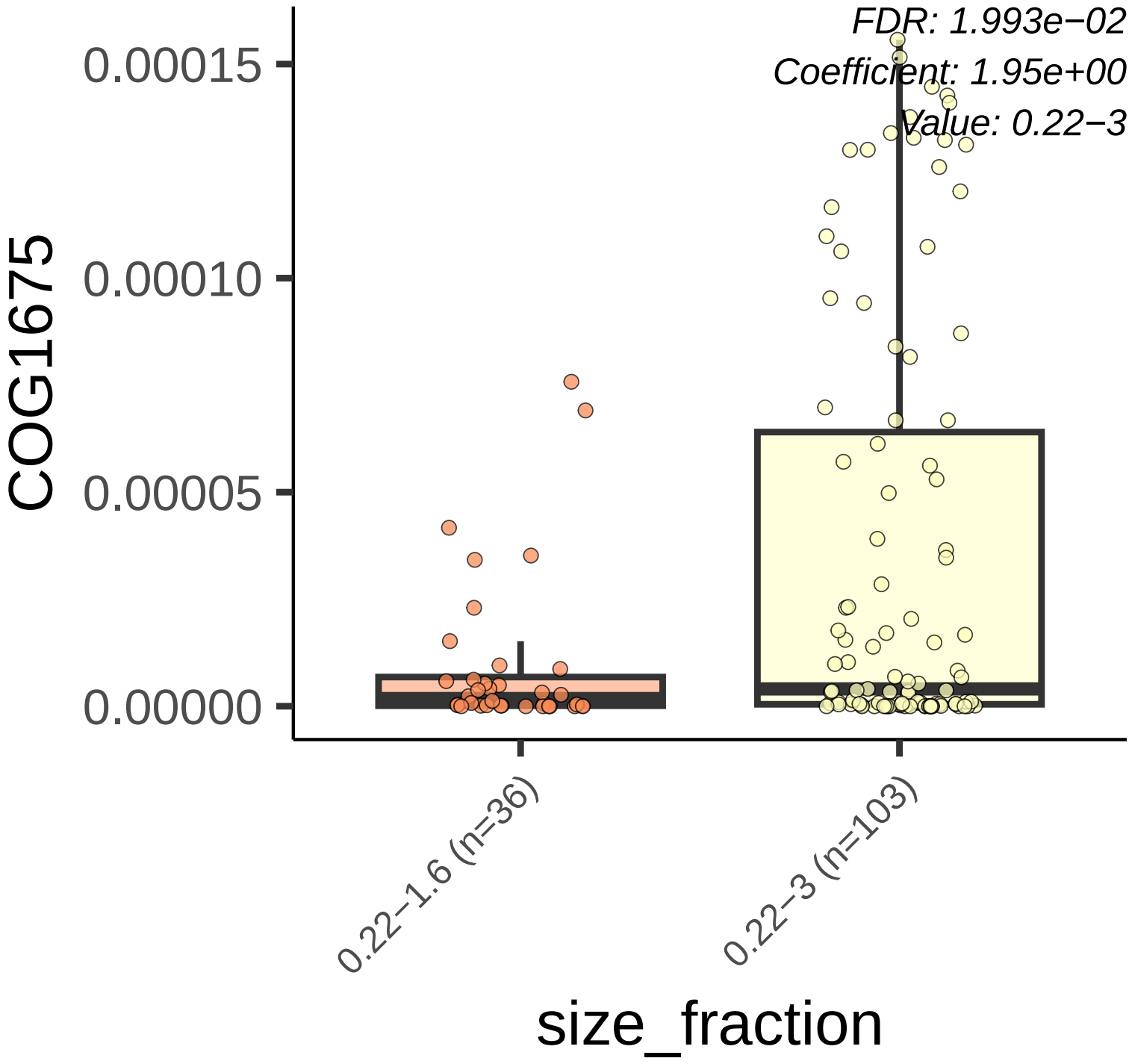

FDR: 1.900e−02
Coefficient: −2.51e−01
Value: 0.22−3
COG0810
4e−04
3e−04
2e−04
1e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 1.924e−02
Coefficient: 1.91e+00
Value: 0.22−3
COG3905
3e−05
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 1.937e−02
Coefficient: 2.25e+00
Value: 0.22−3
COG2260
3e−05
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 1.961e−02
Coefficient: 2.40e+00
Value: 0.22−3
COG3269
2.0e−05
1.5e−05
1.0e−05
5.0e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 1.978e−02
Coefficient: 1.98e+00
Value: 0.22−3
COG2412
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 1.993e−02
Coefficient: 1.95e+00
Value: 0.22−3
COG1675
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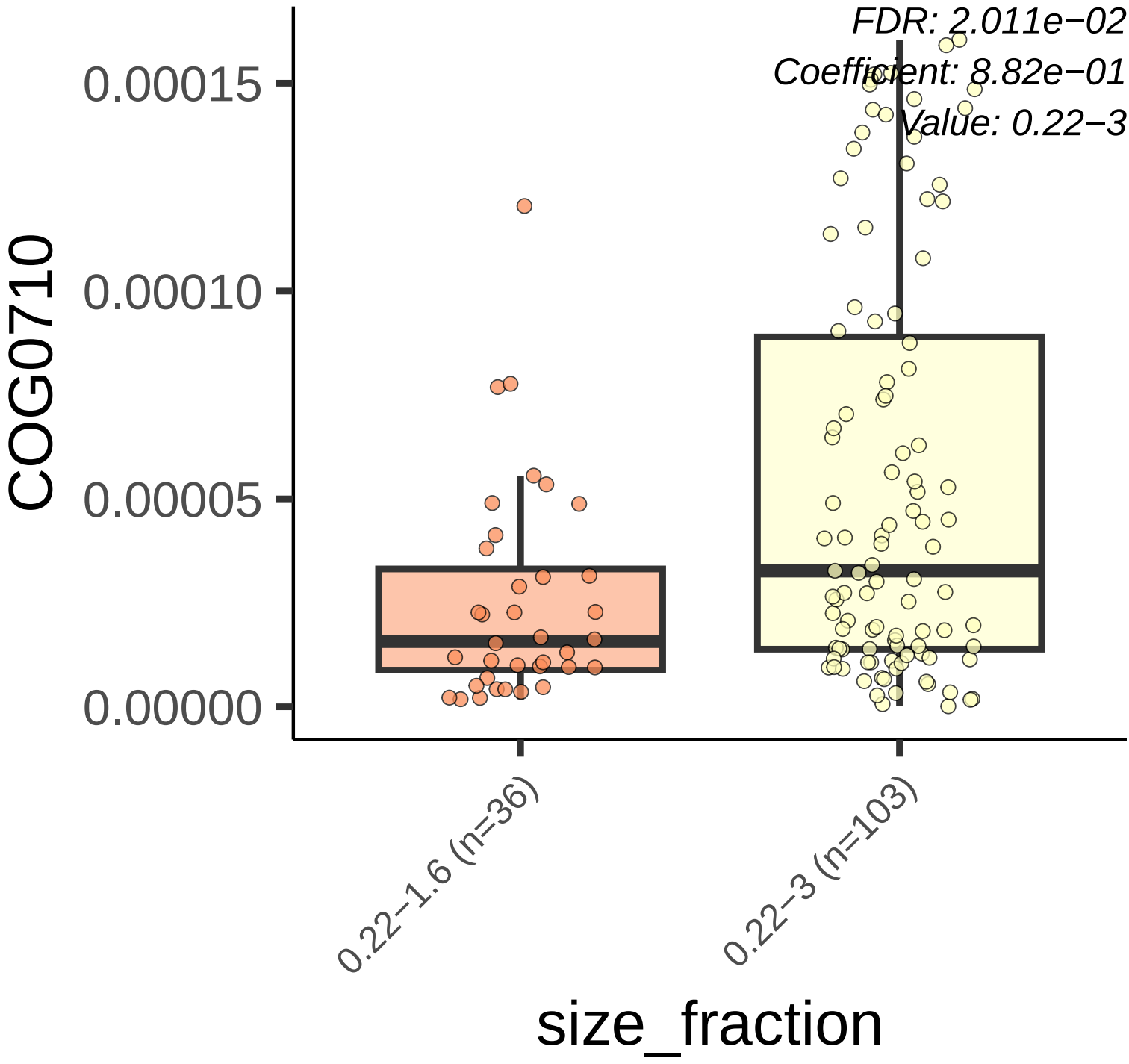
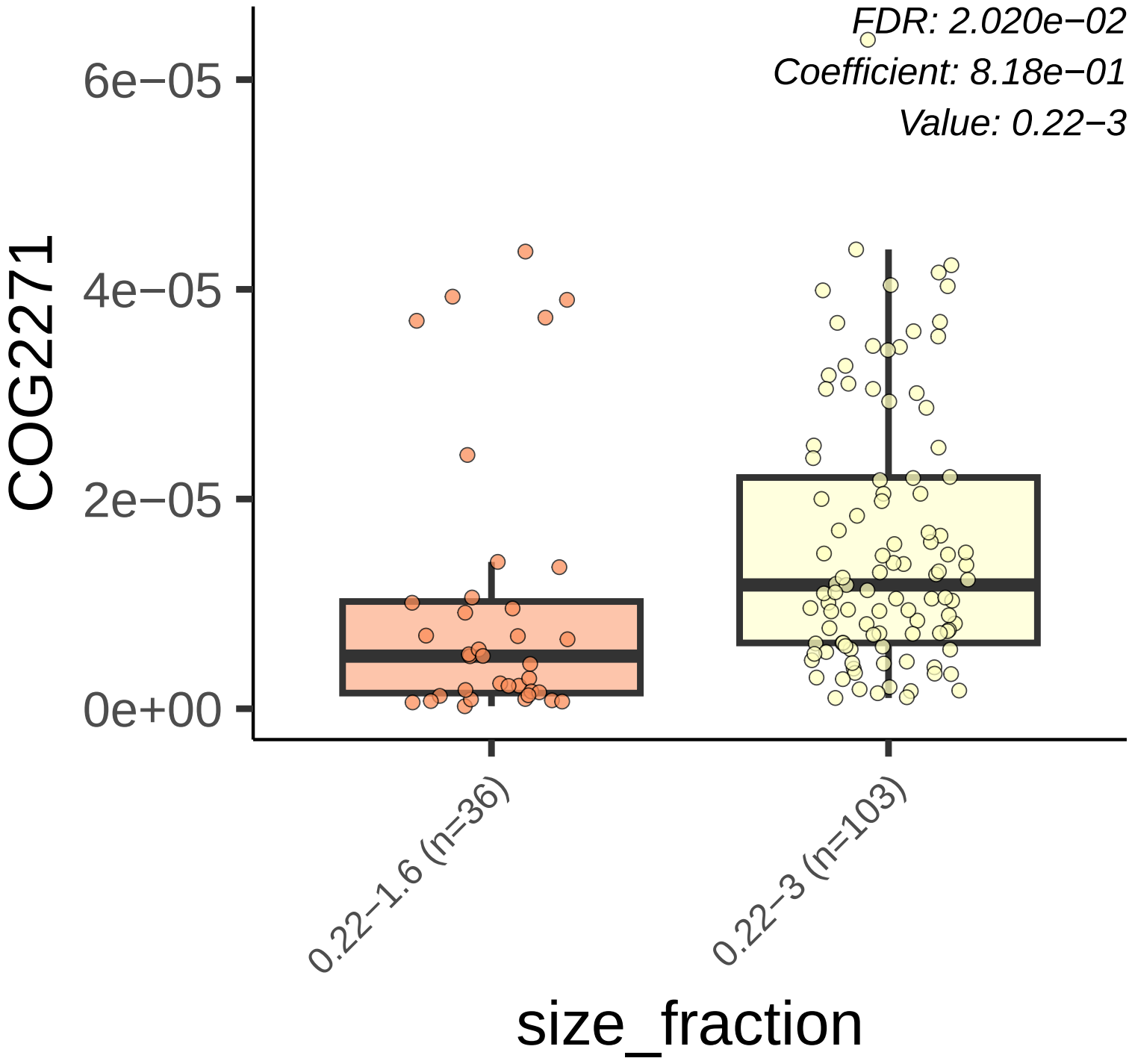
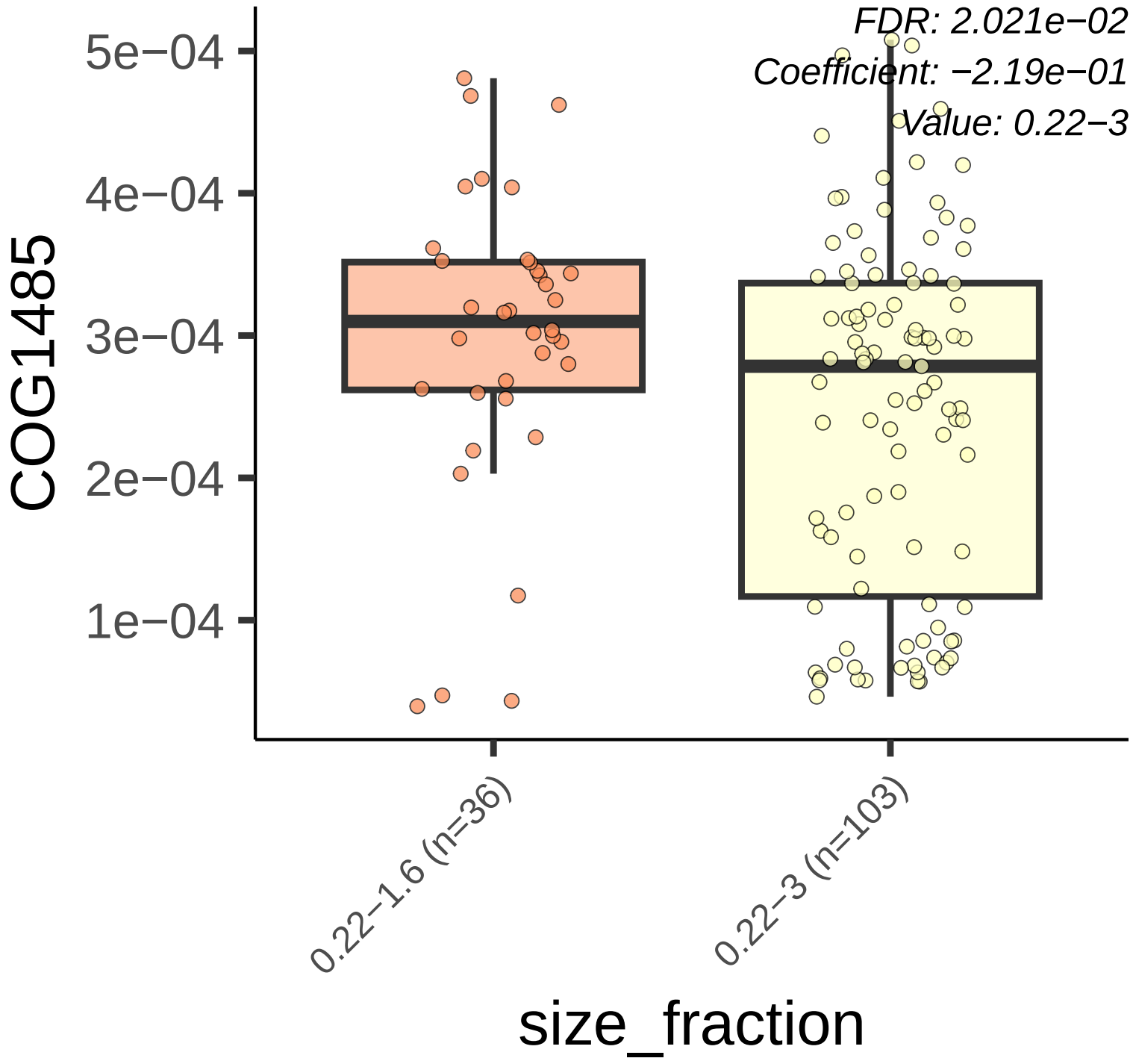
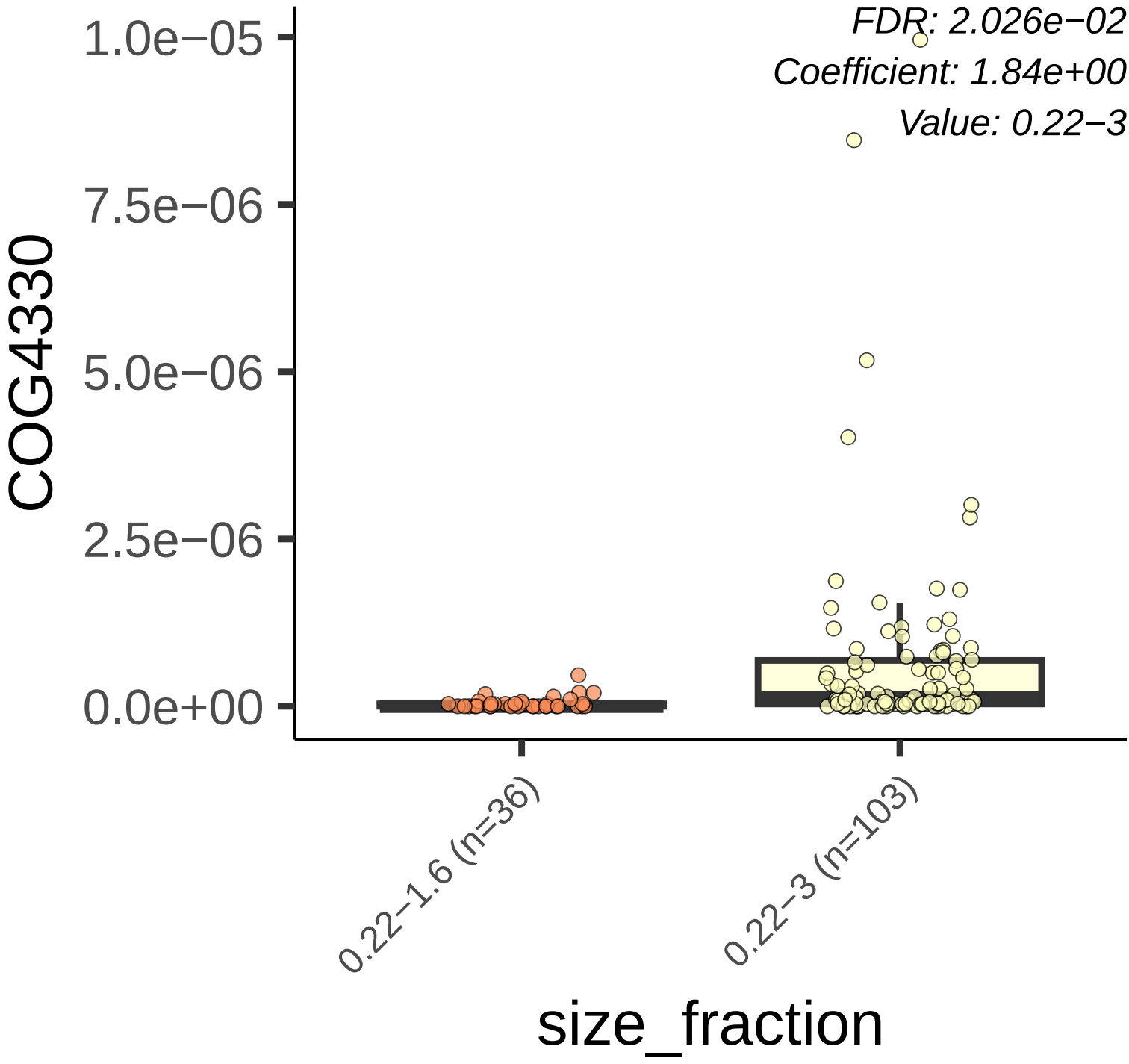
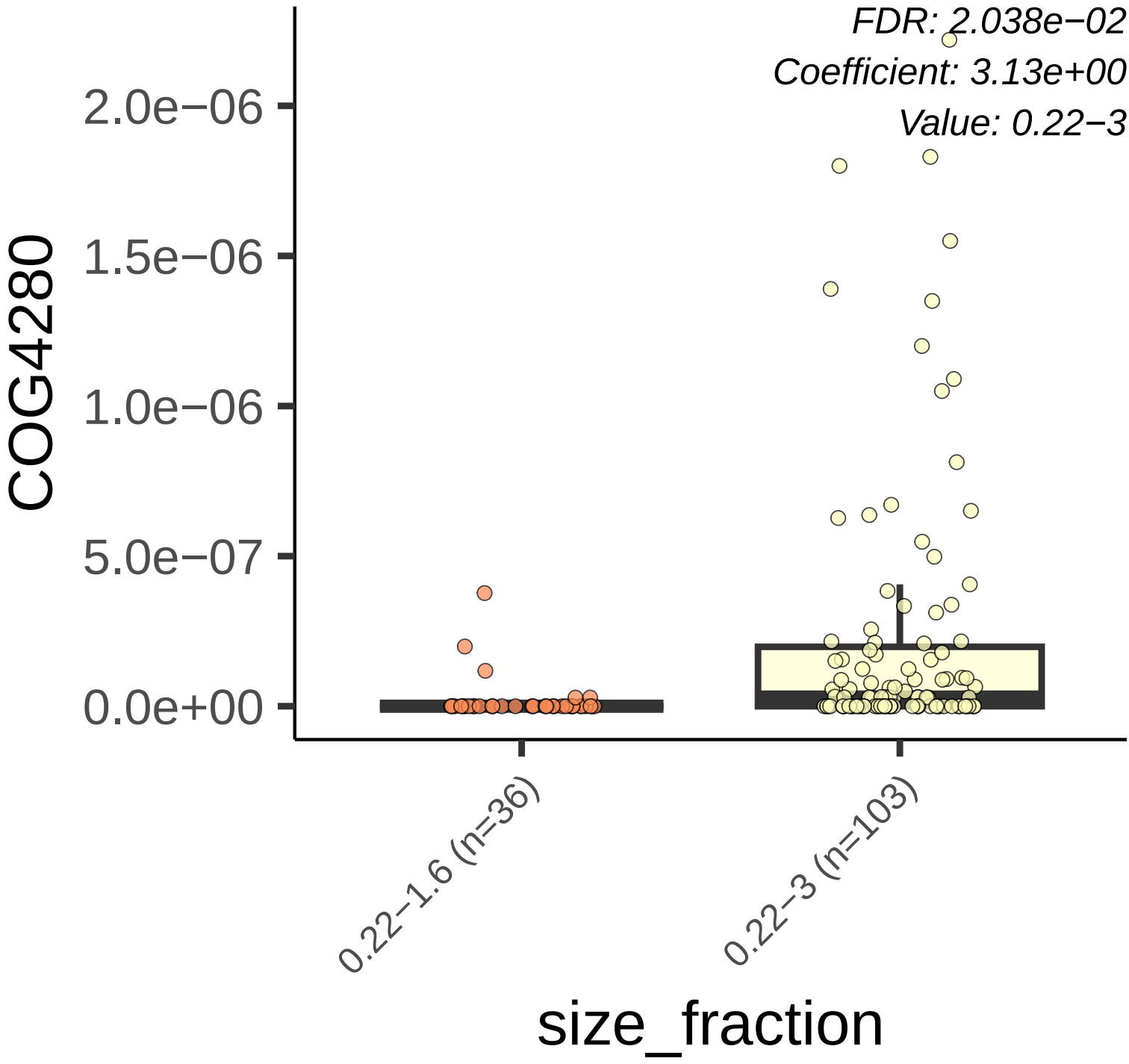
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

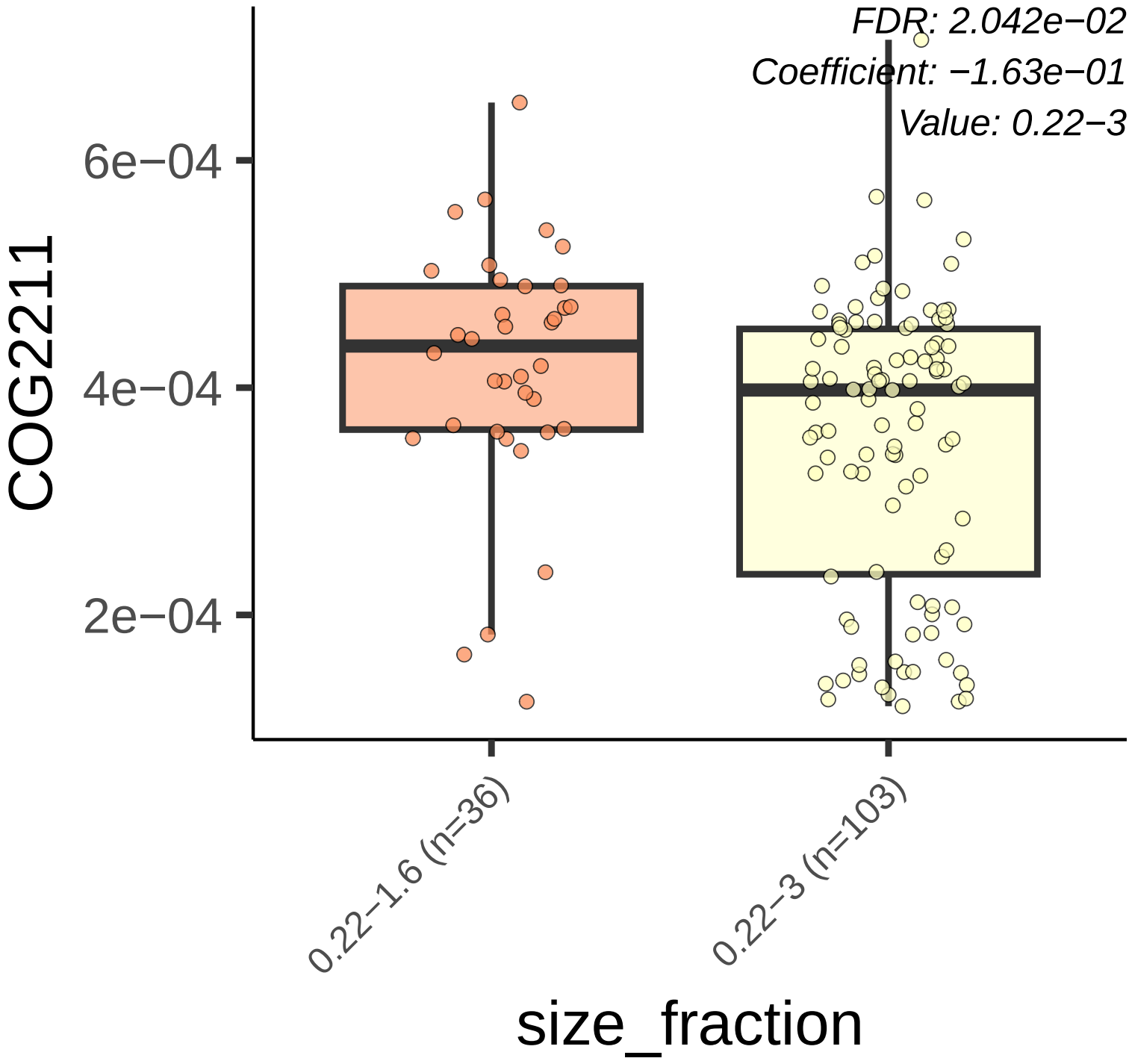

FDR: 2.011e−02
Coefficient: 8.82e−01
Value: 0.22−3
0.00015
0.00010
0.00005
0.00000
COG0710
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

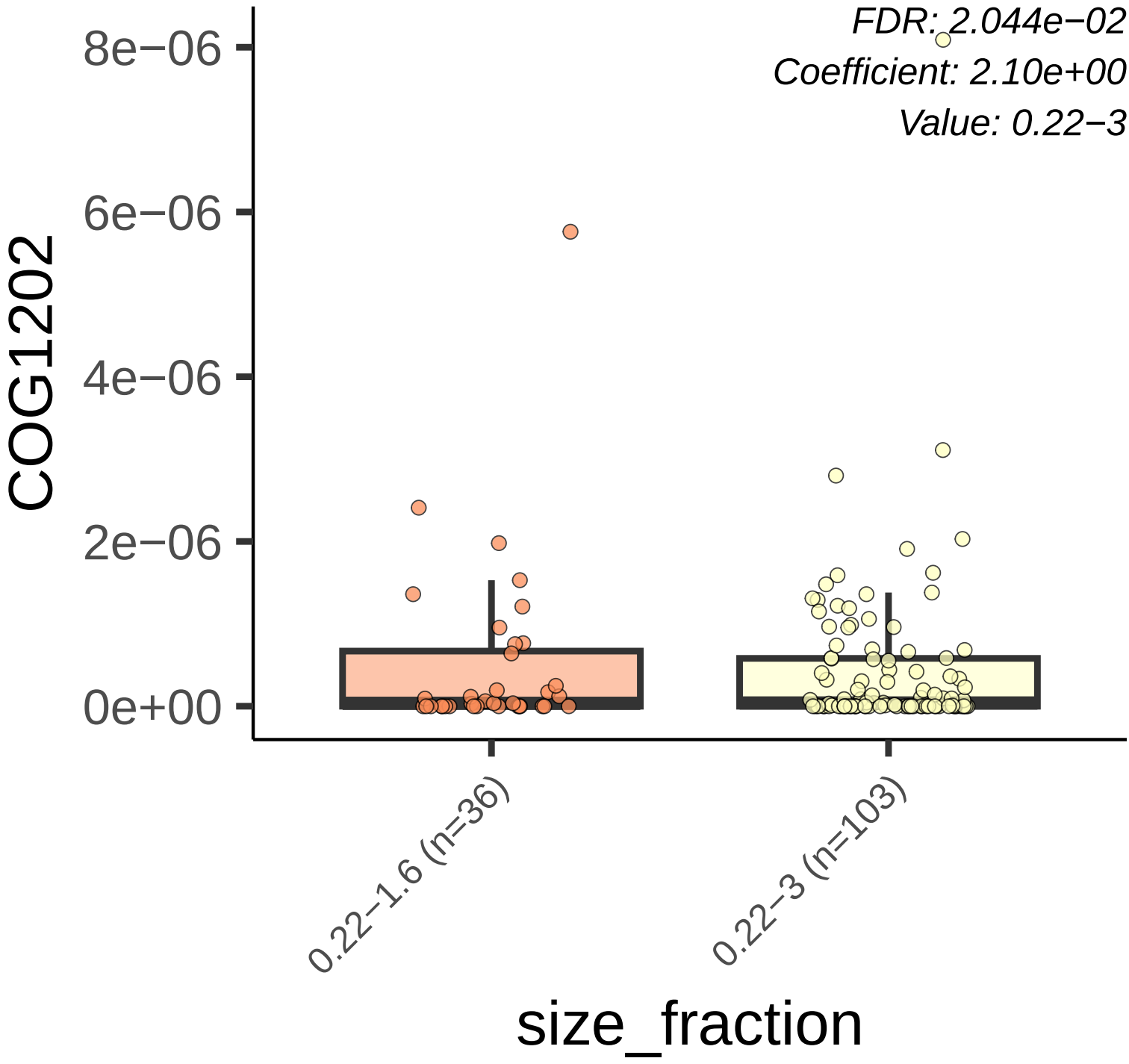

FDR: 2.020e−02
Coefficient: 8.18e−01
Value: 0.22−3
COG2271
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

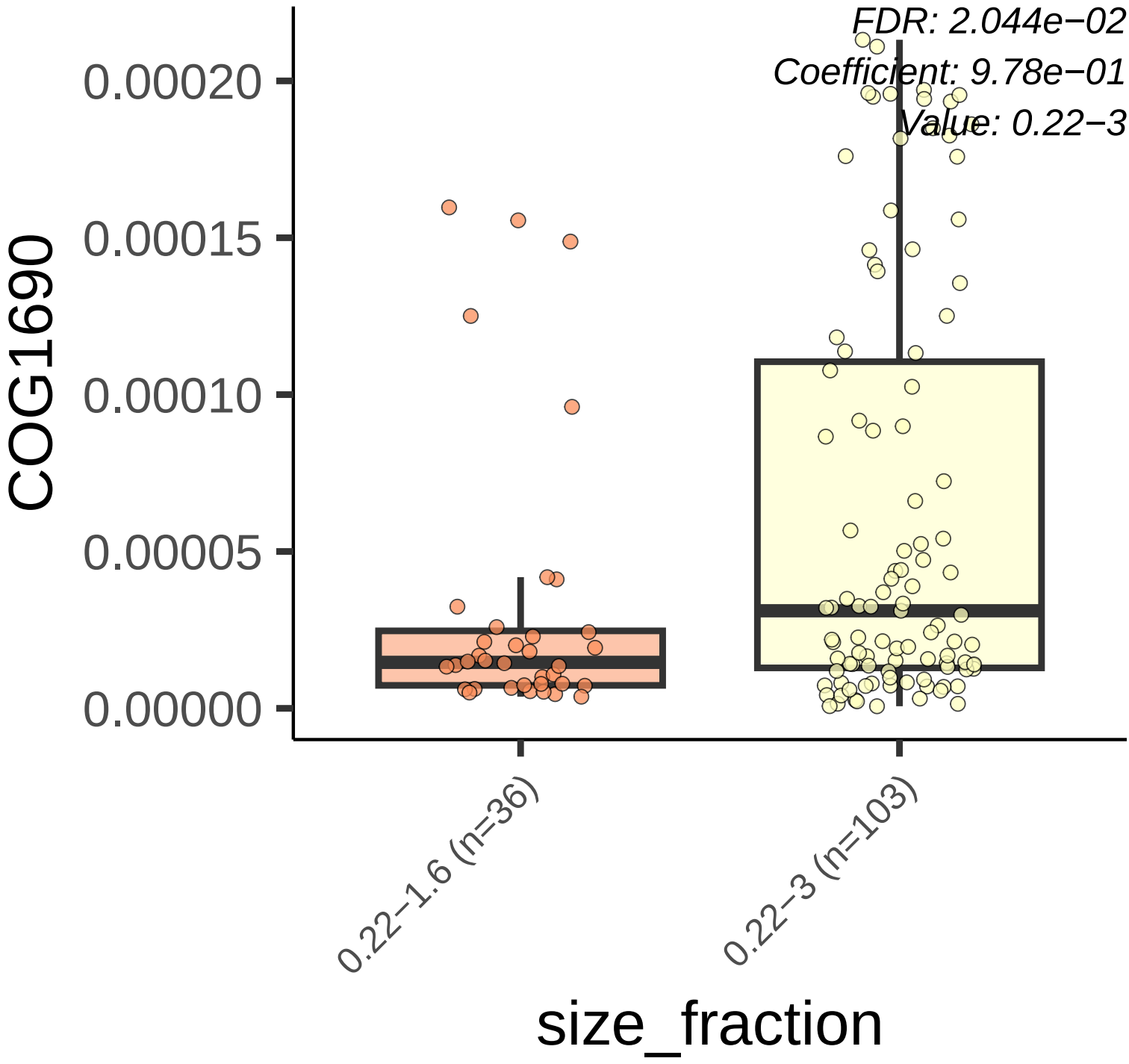

FDR: 2.021e−02
Coefficient: −2.19e−01
Value: 0.22−3
COG1485
5e−04
4e−04
3e−04
2e−04
1e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

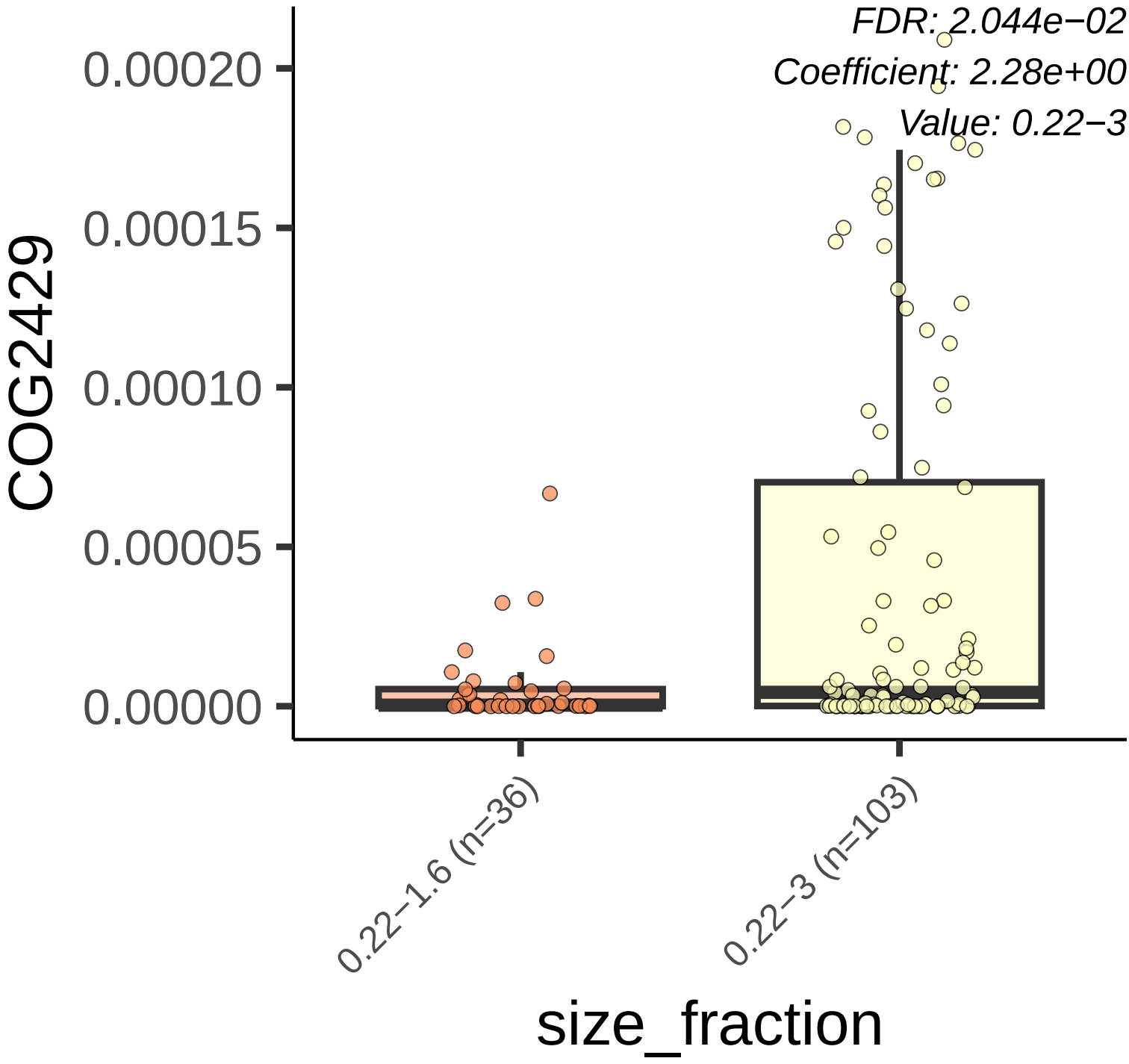

FDR: 2.026e−02
Coefficient: 1.84e+00
Value: 0.22−3
COG4330
1.0e−05
7.5e−06
5.0e−06
2.5e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

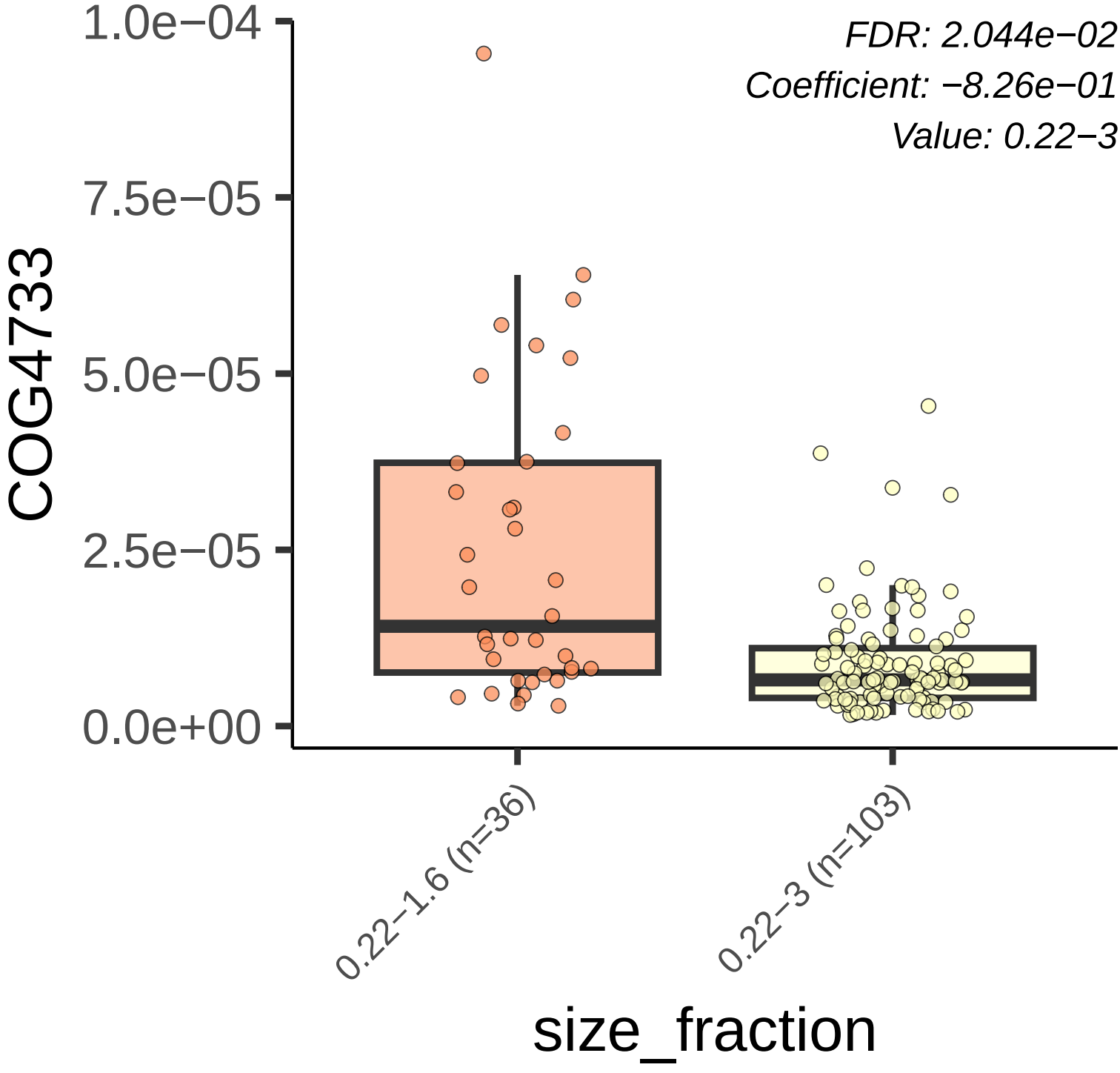

FDR: 2.038e−02
Coefficient: 3.13e+00
Value: 0.22−3
COG4280
2.0e−06
1.5e−06
1.0e−06
5.0e−07
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

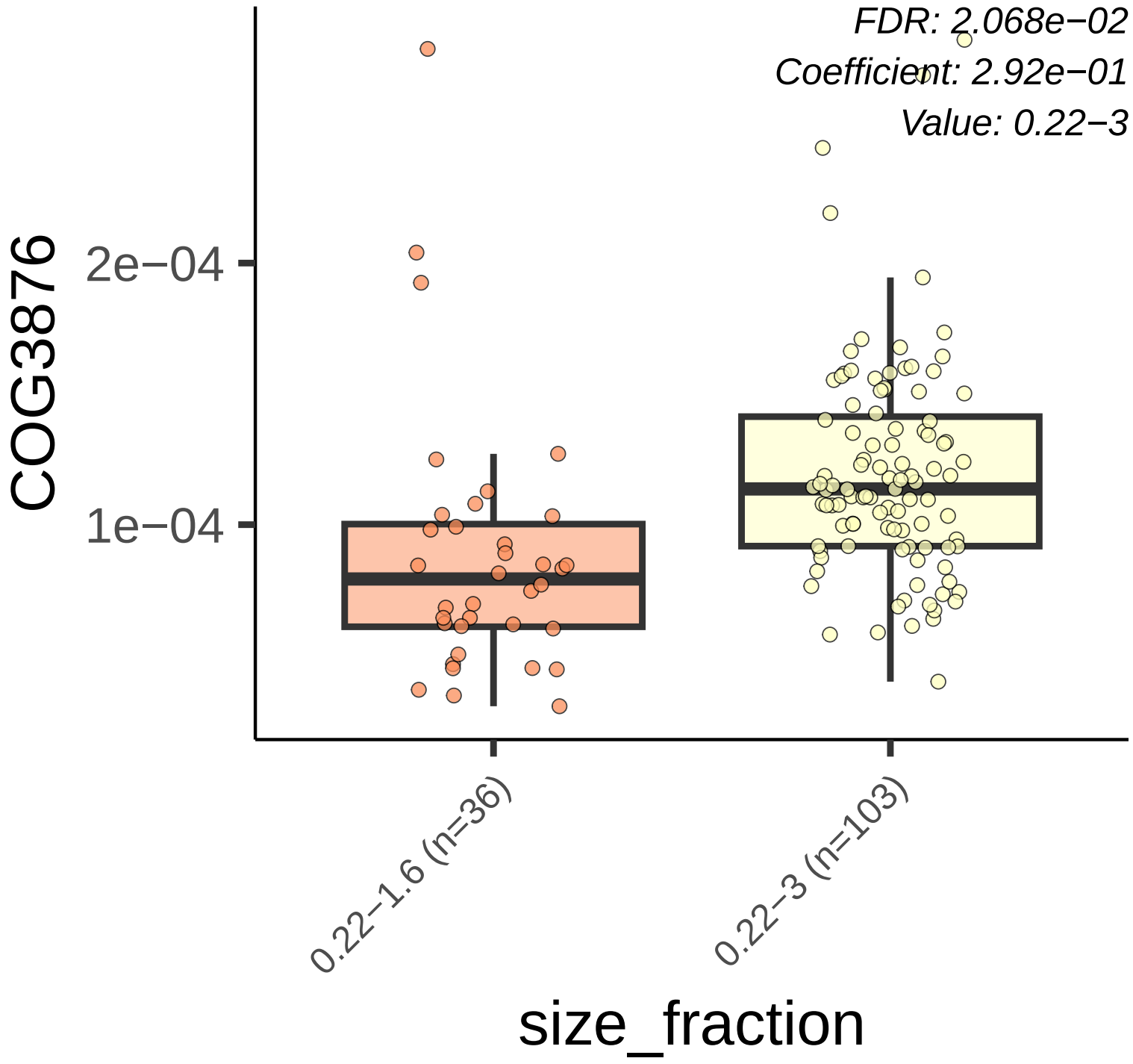

FDR: 2.042e−02
Coefficient: −1.63e−01
Value: 0.22−3
COG2211
6e−04
4e−04
2e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

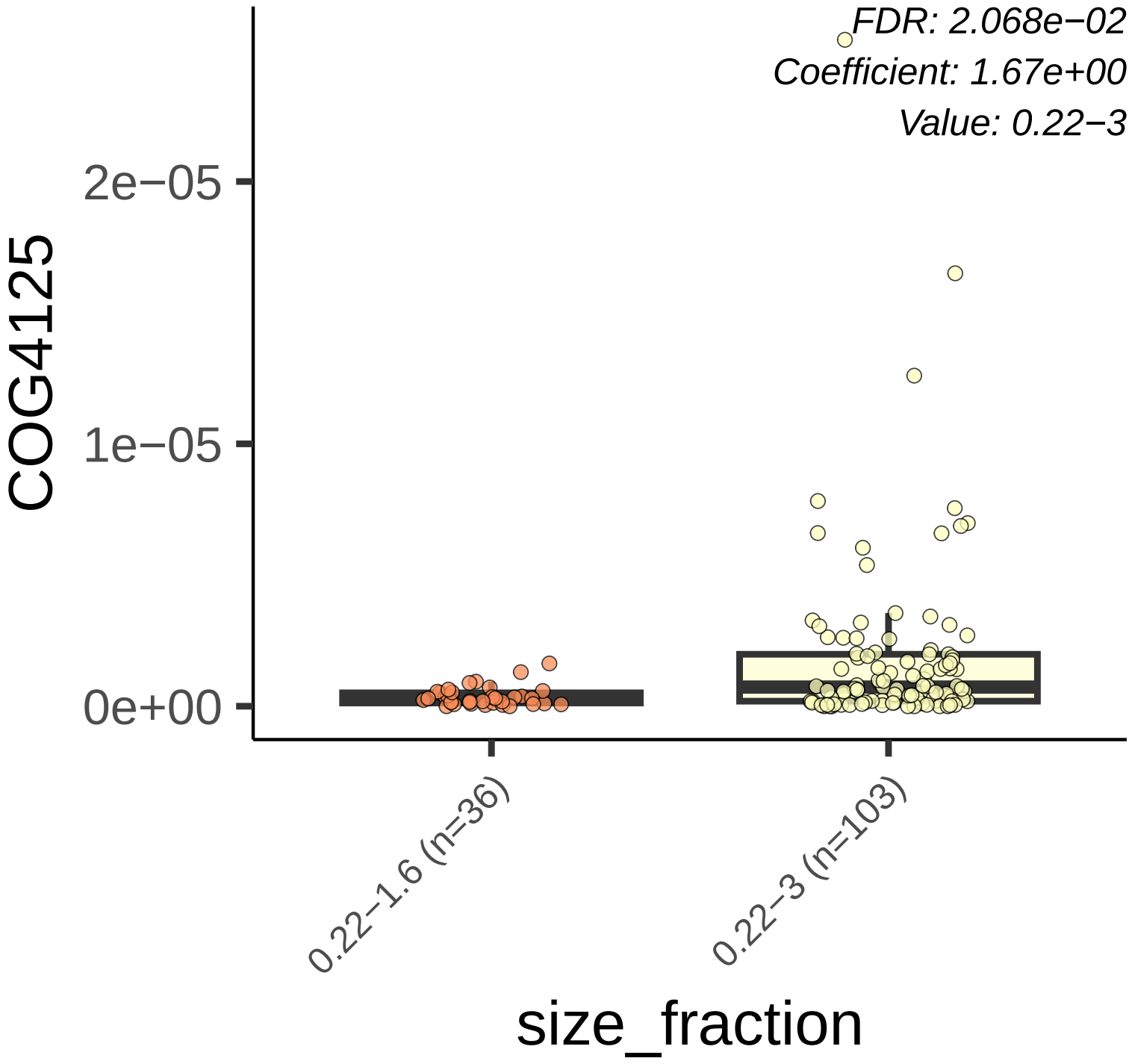

FDR: 2.044e−02
Coefficient: 2.10e+00
Value: 0.22−3
COG1202
8e−06
6e−06
4e−06
2e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

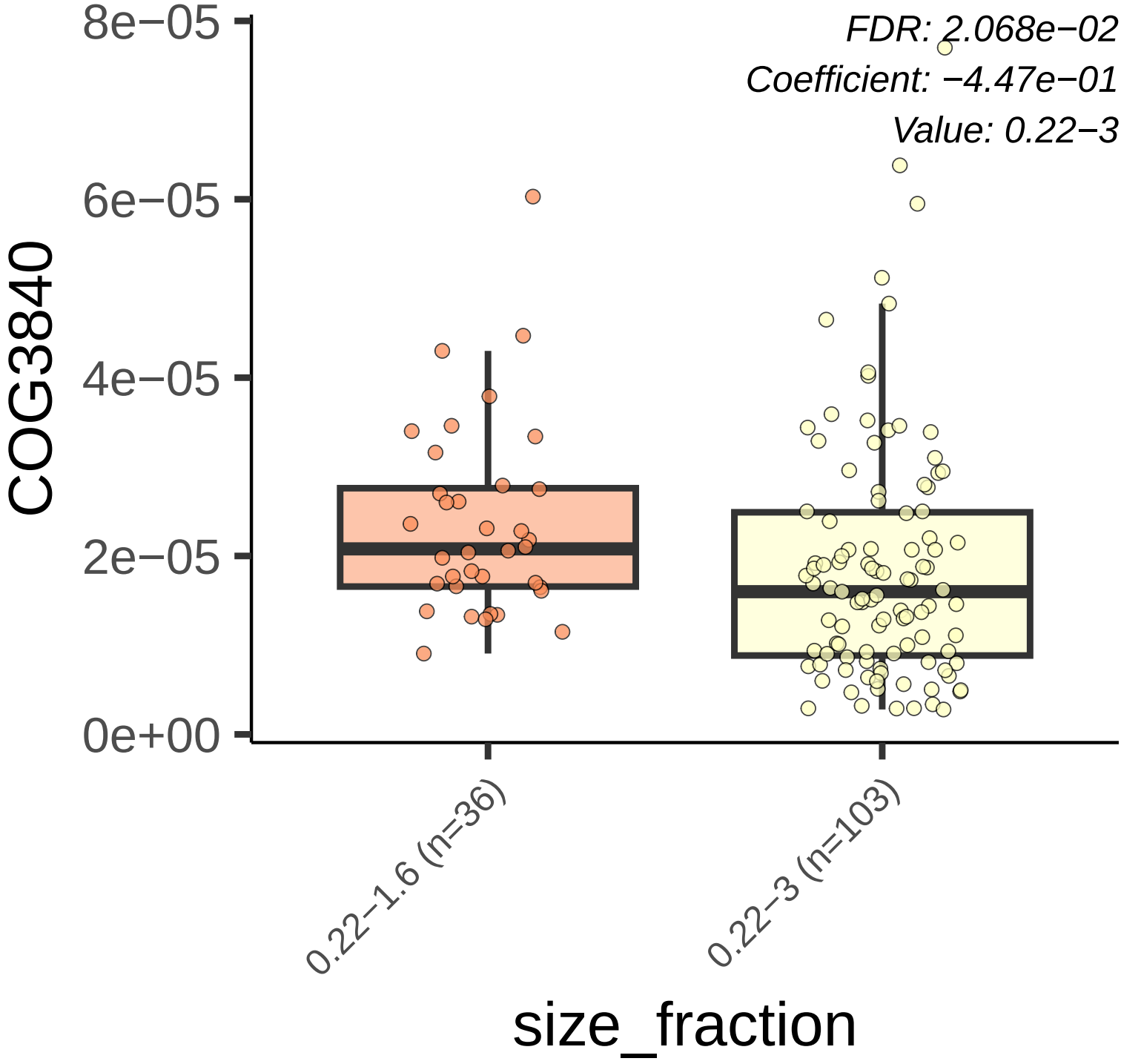

FDR: 2.044e−02
Coefficient: 9.78e−01
Value: 0.22−3
COG1690
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

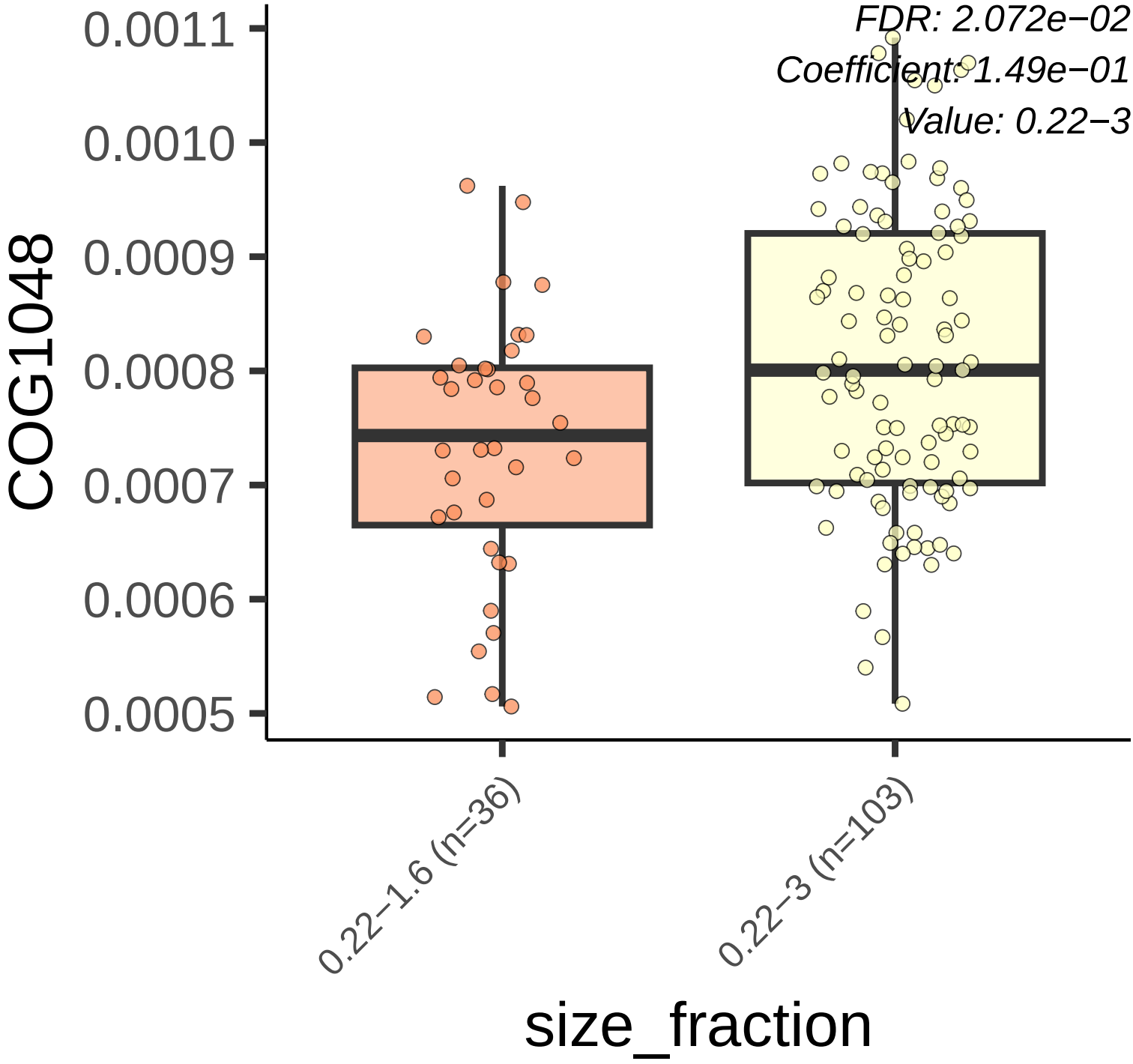

FDR: 2.044e−02
Coefficient: 2.28e+00
Value: 0.22−3
COG2429
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

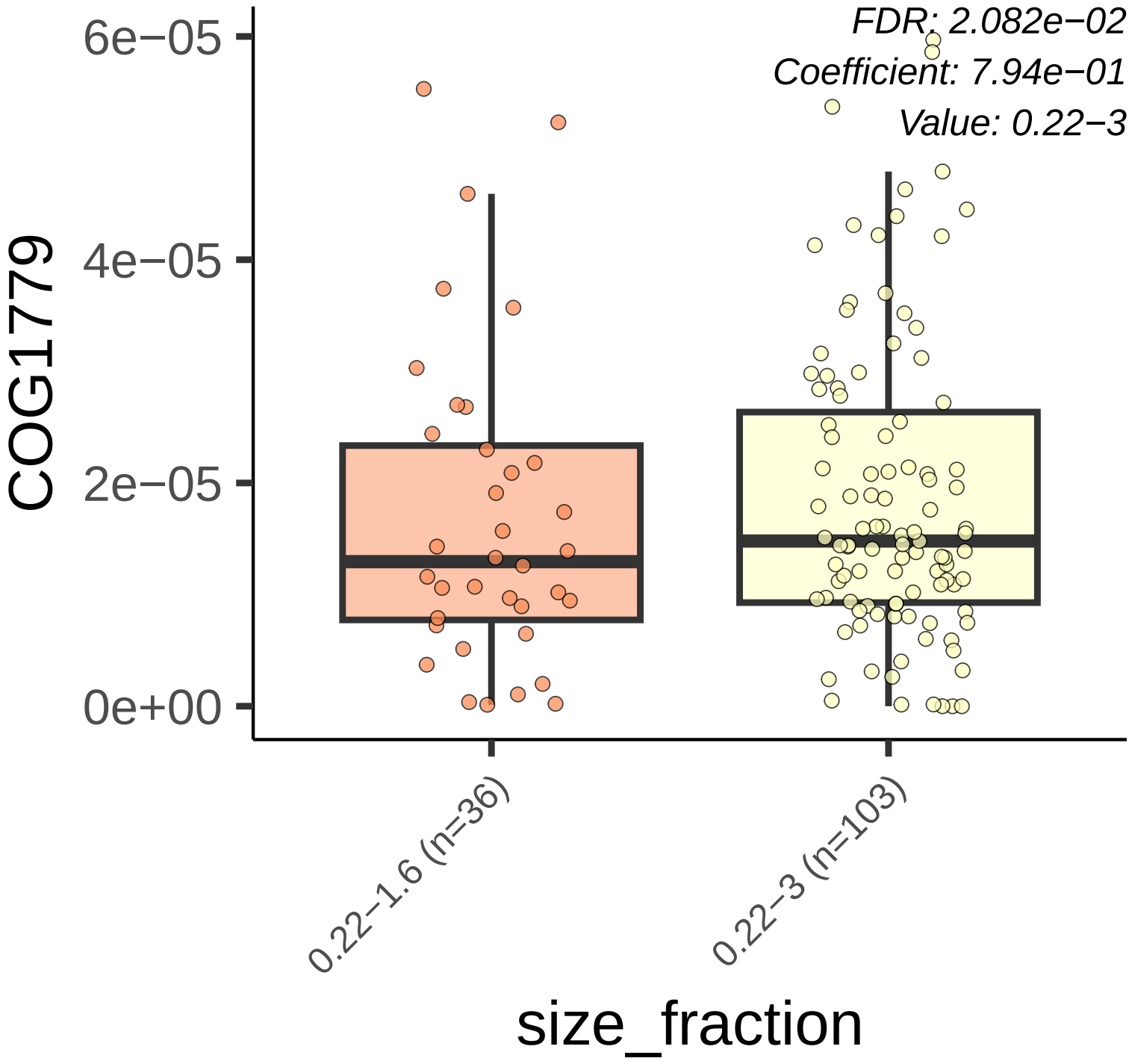

FDR: 2.044e−02
Coefficient: −8.26e−01
Value: 0.22−3
1.0e−04
7.5e−05
5.0e−05
2.5e−05
0.0e+00
COG4733
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

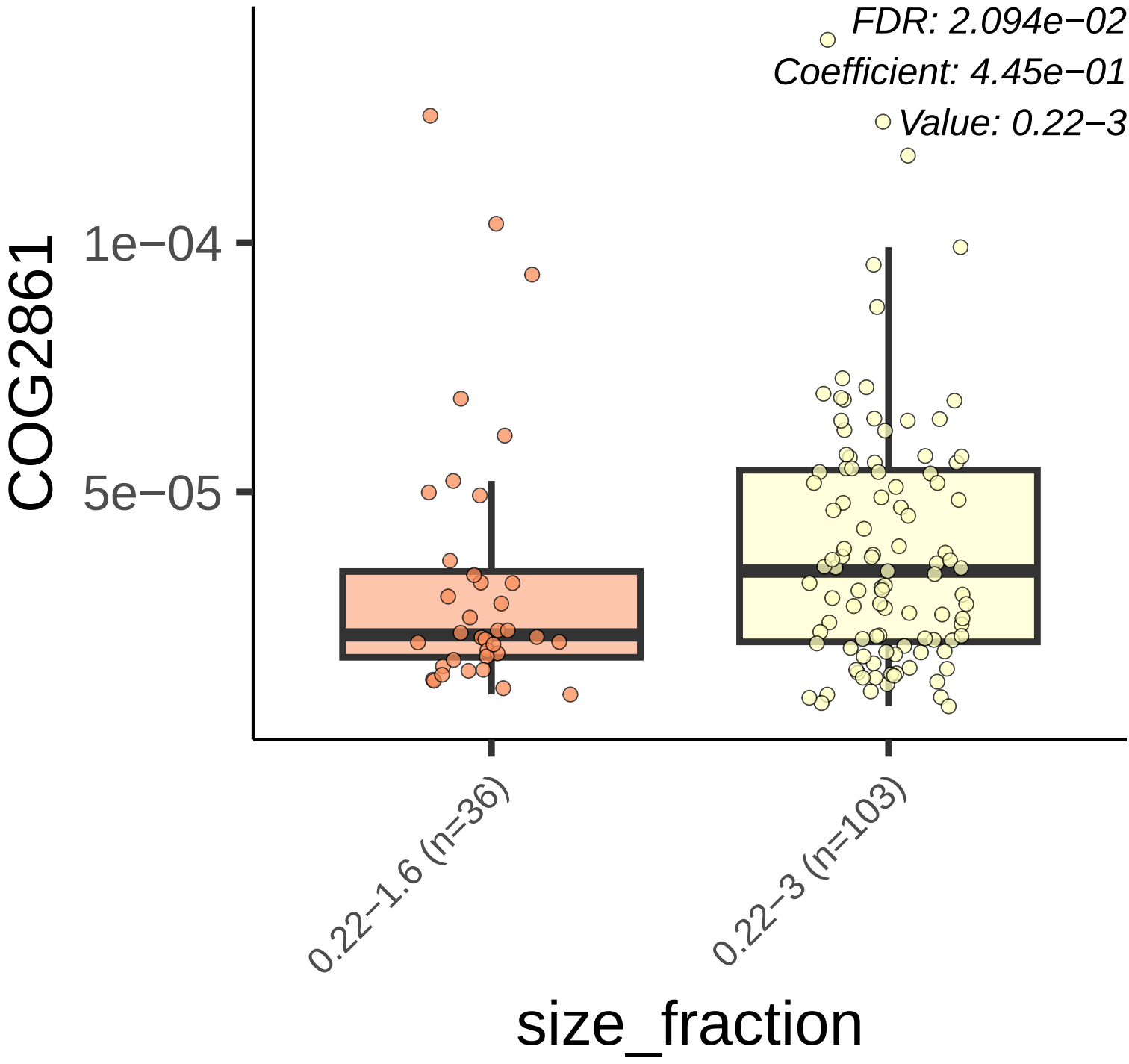

FDR: 2.068e−02
Coefficient: 2.92e−01
Value: 0.22−3
COG3876
2e−04
1e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

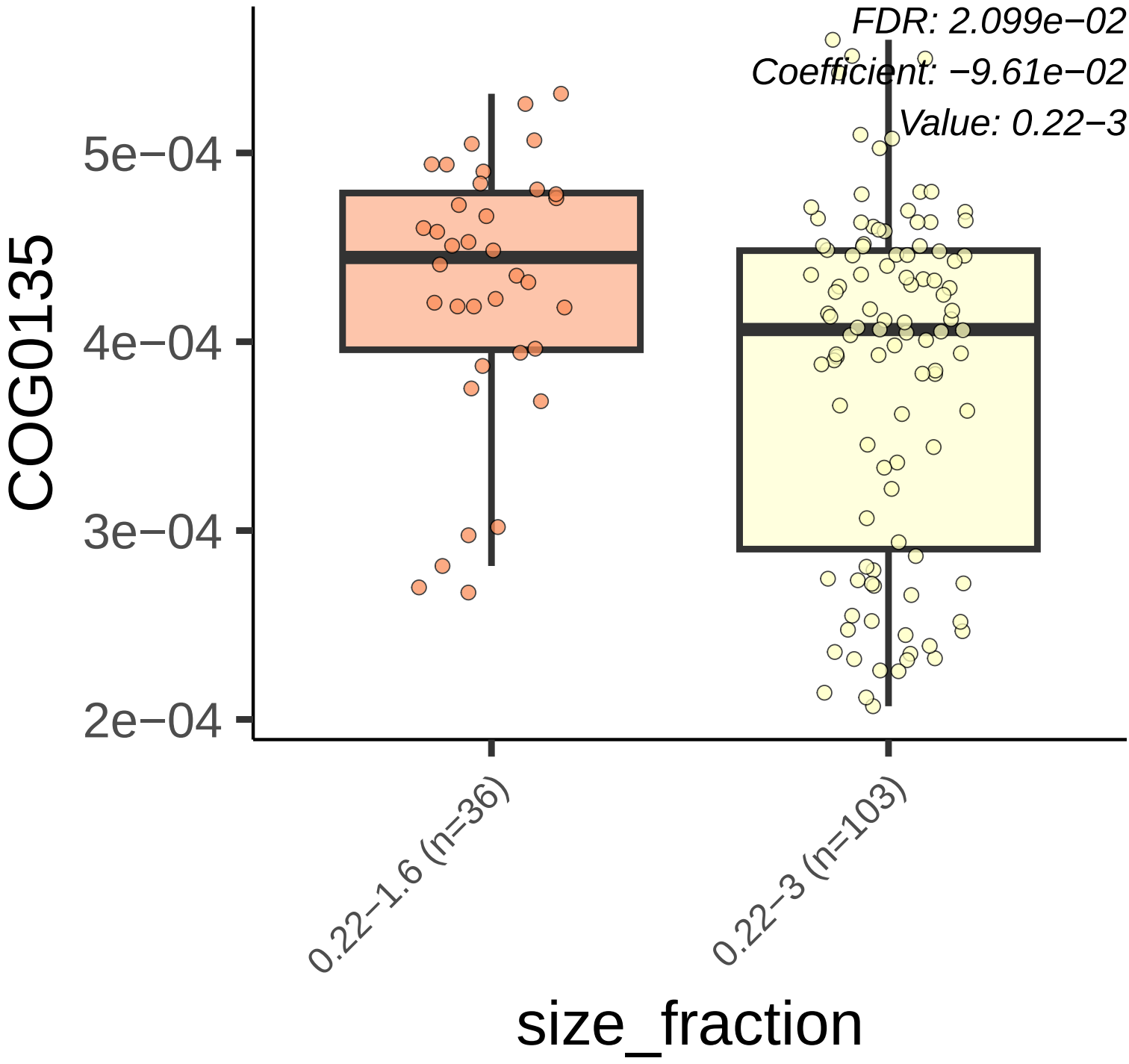

FDR: 2.068e−02
Coefficient: 1.67e+00
Value: 0.22−3
COG4125
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

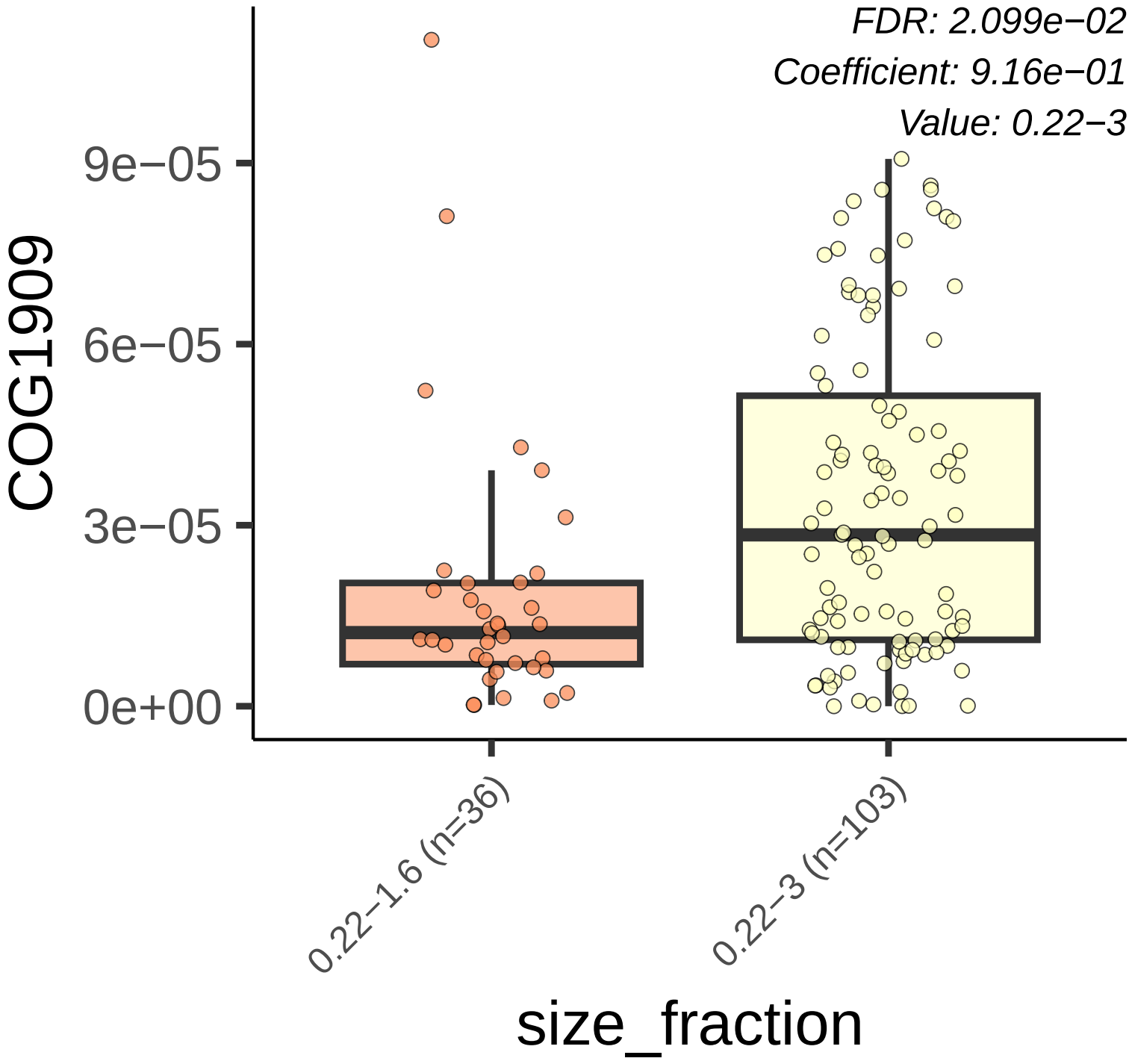

FDR: 2.068e−02
Coefficient: −4.47e−01
Value: 0.22−3
COG3840
8e−05
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

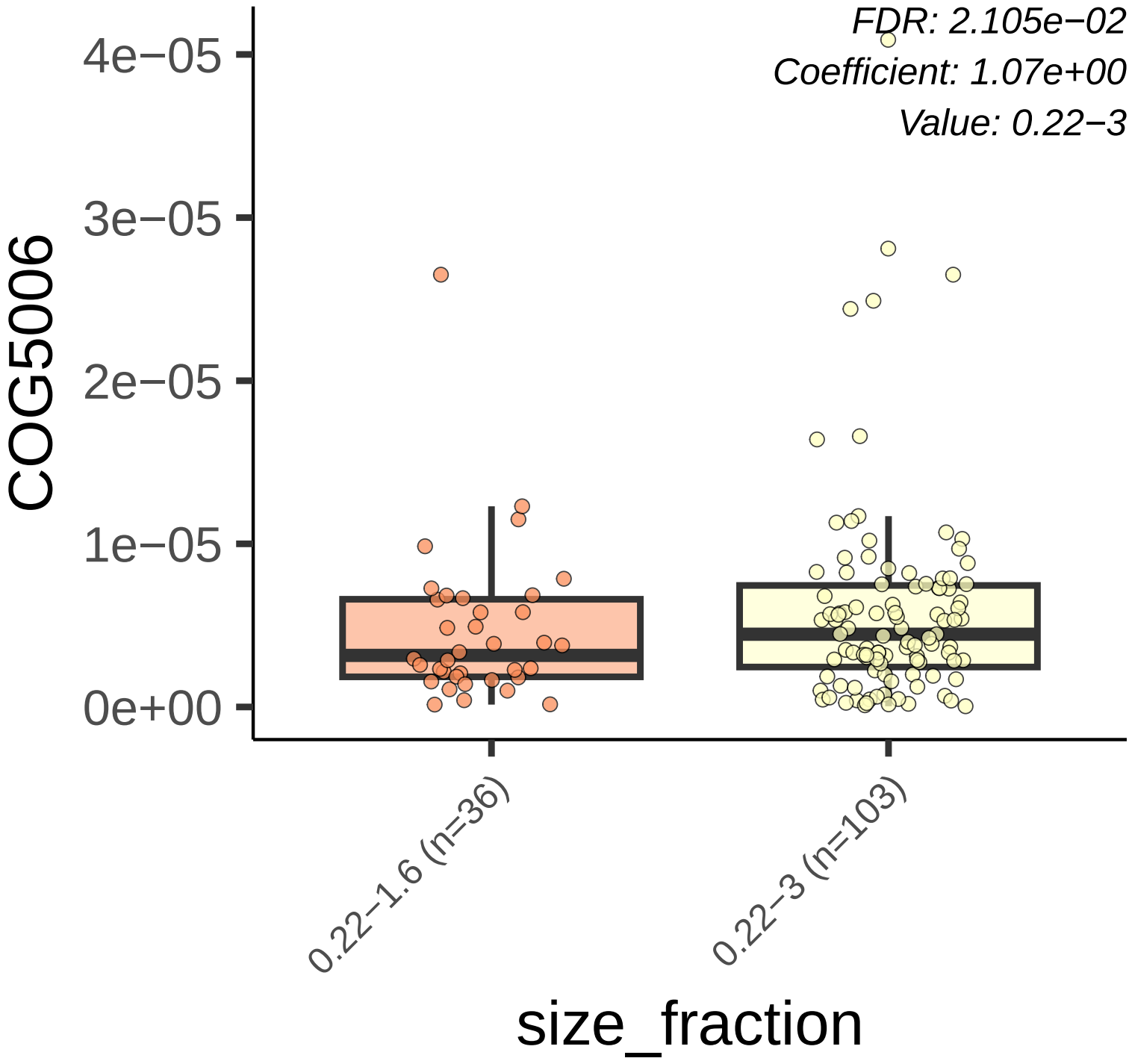

FDR: 2.072e−02
Coefficient: 1.49e−01
Value: 0.22−3
COG1048
0.0011
0.0010
0.0009
0.0008
0.0007
0.0006
0.0005
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

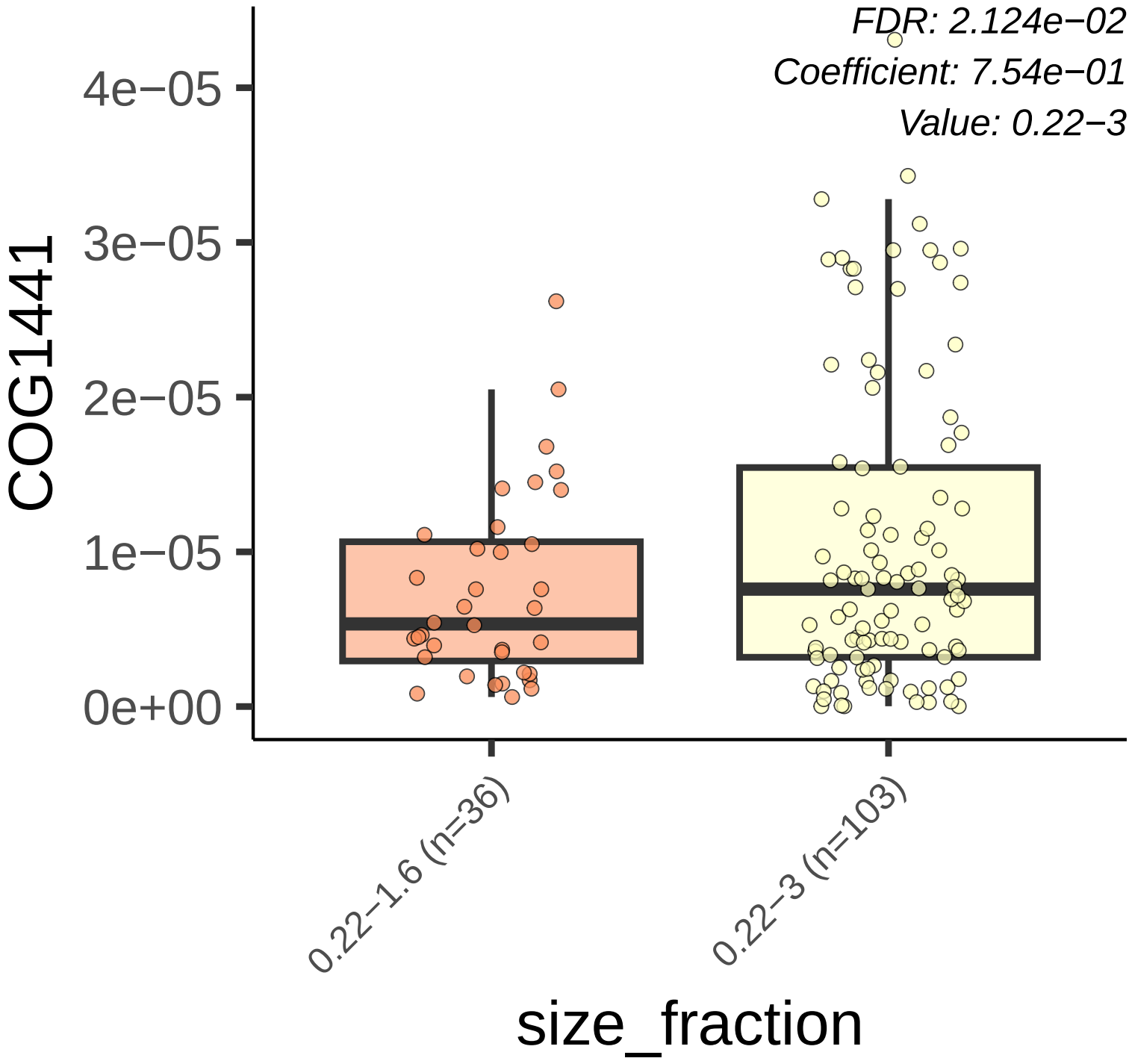

FDR: 2.082e−02
Coefficient: 7.94e−01
Value: 0.22−3
COG1779
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

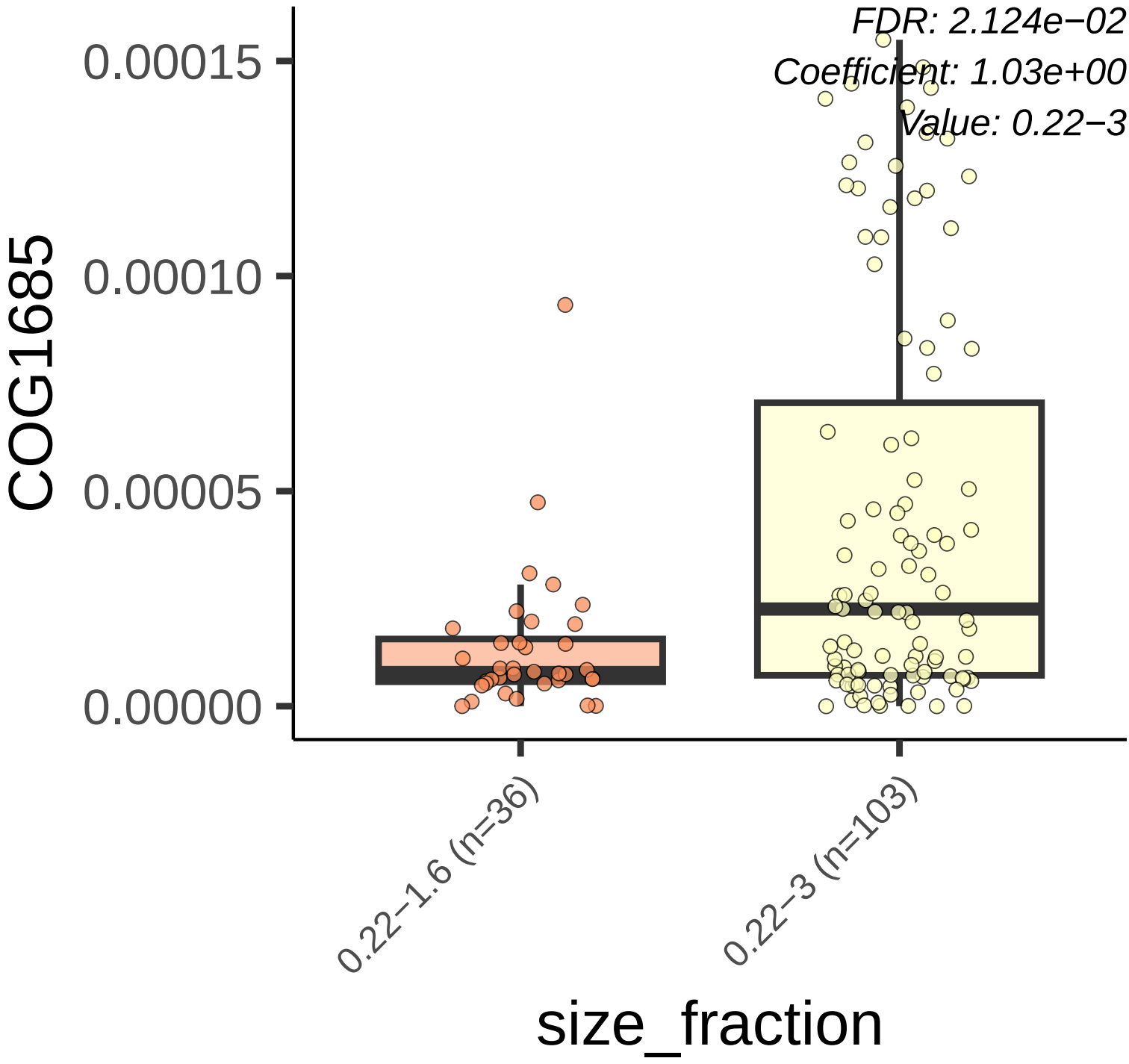

FDR: 2.094e−02
Coefficient: 4.45e−01
Value: 0.22−3
COG2861
1e−04
5e−05
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

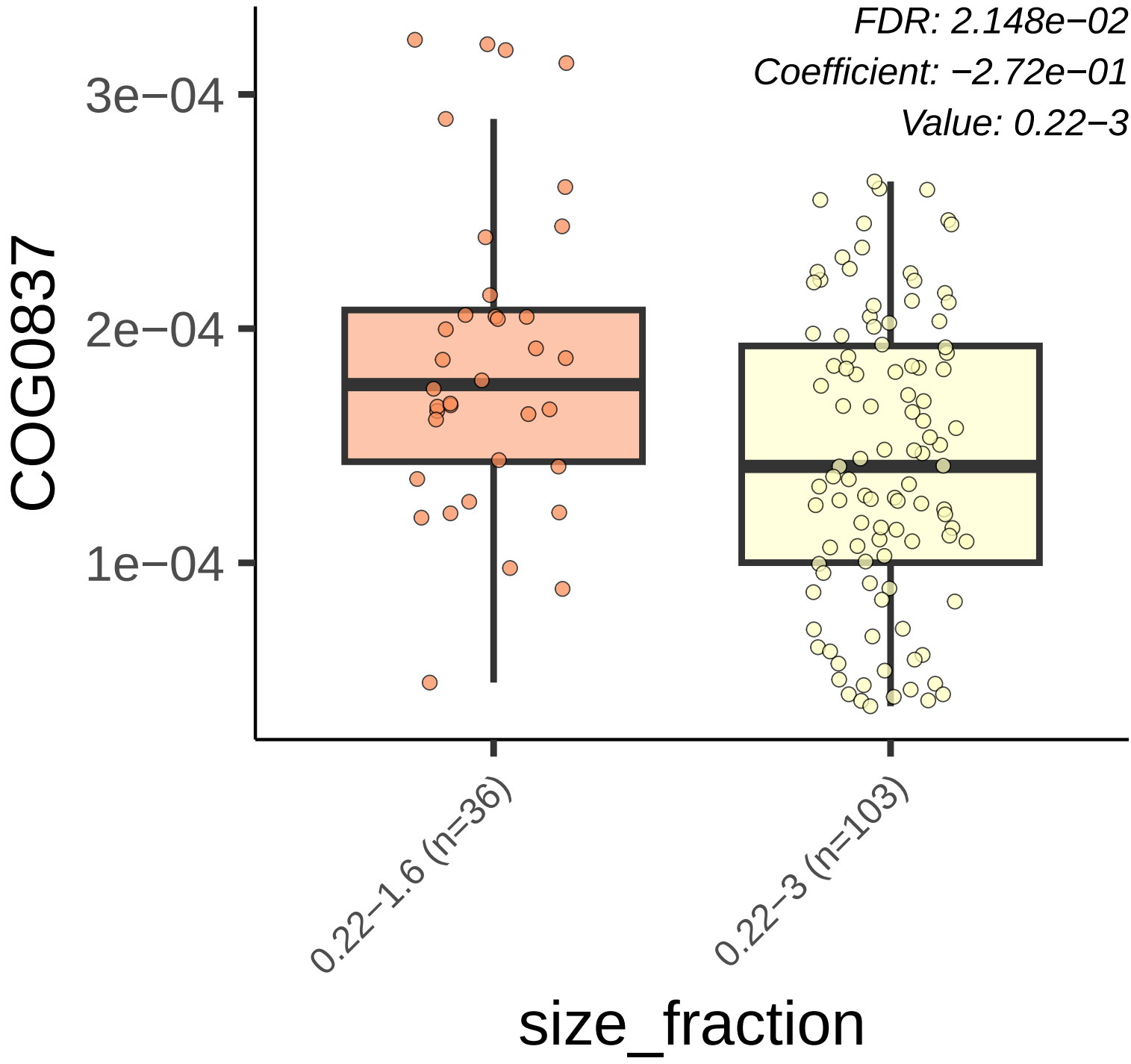

FDR: 2.099e−02
Coefficient: −9.61e−02
Value: 0.22−3
COG0135
5e−04
4e−04
3e−04
2e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

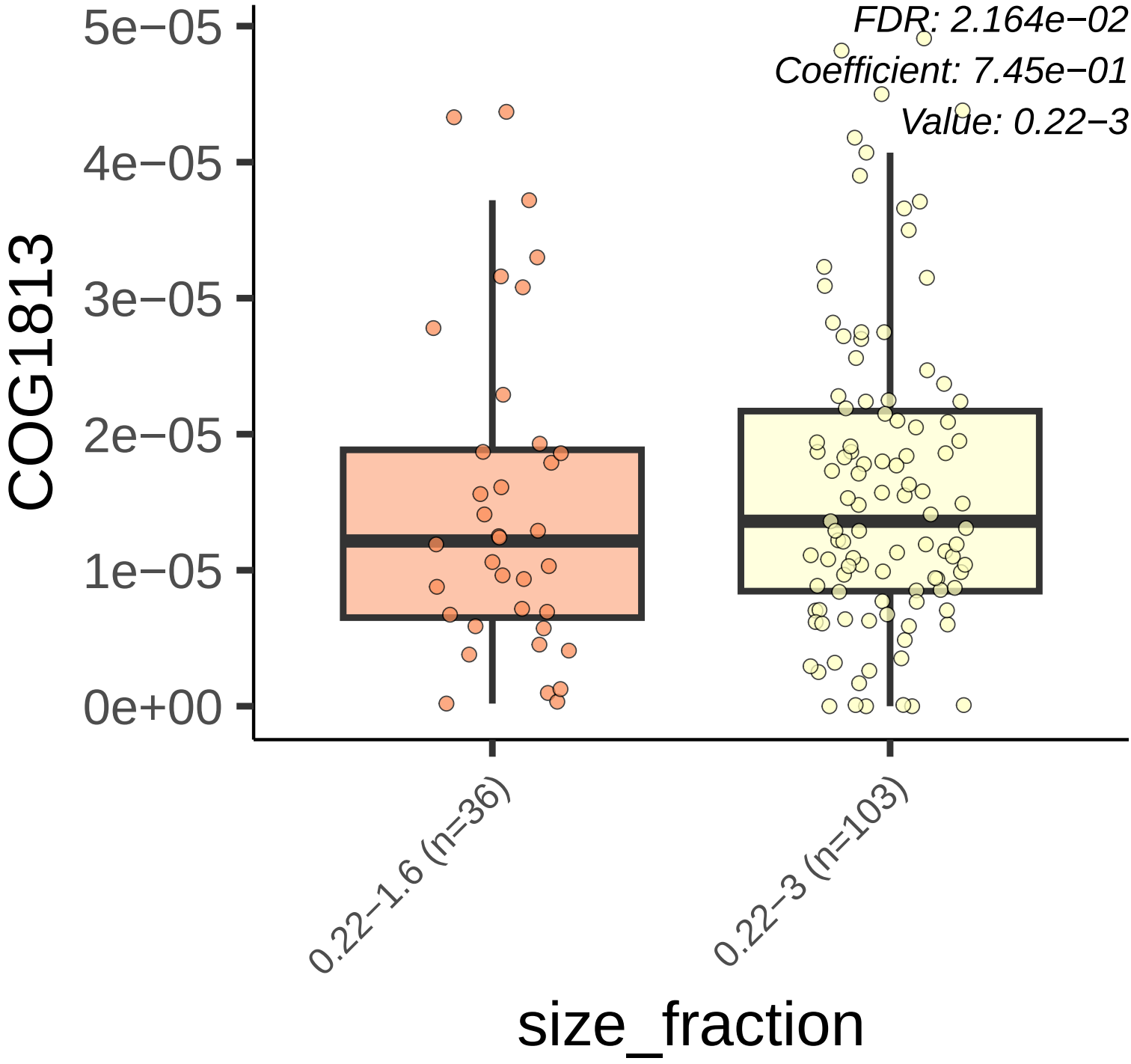

FDR: 2.099e−02
Coefficient: 9.16e−01
Value: 0.22−3
COG1909
9e−05
6e−05
3e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

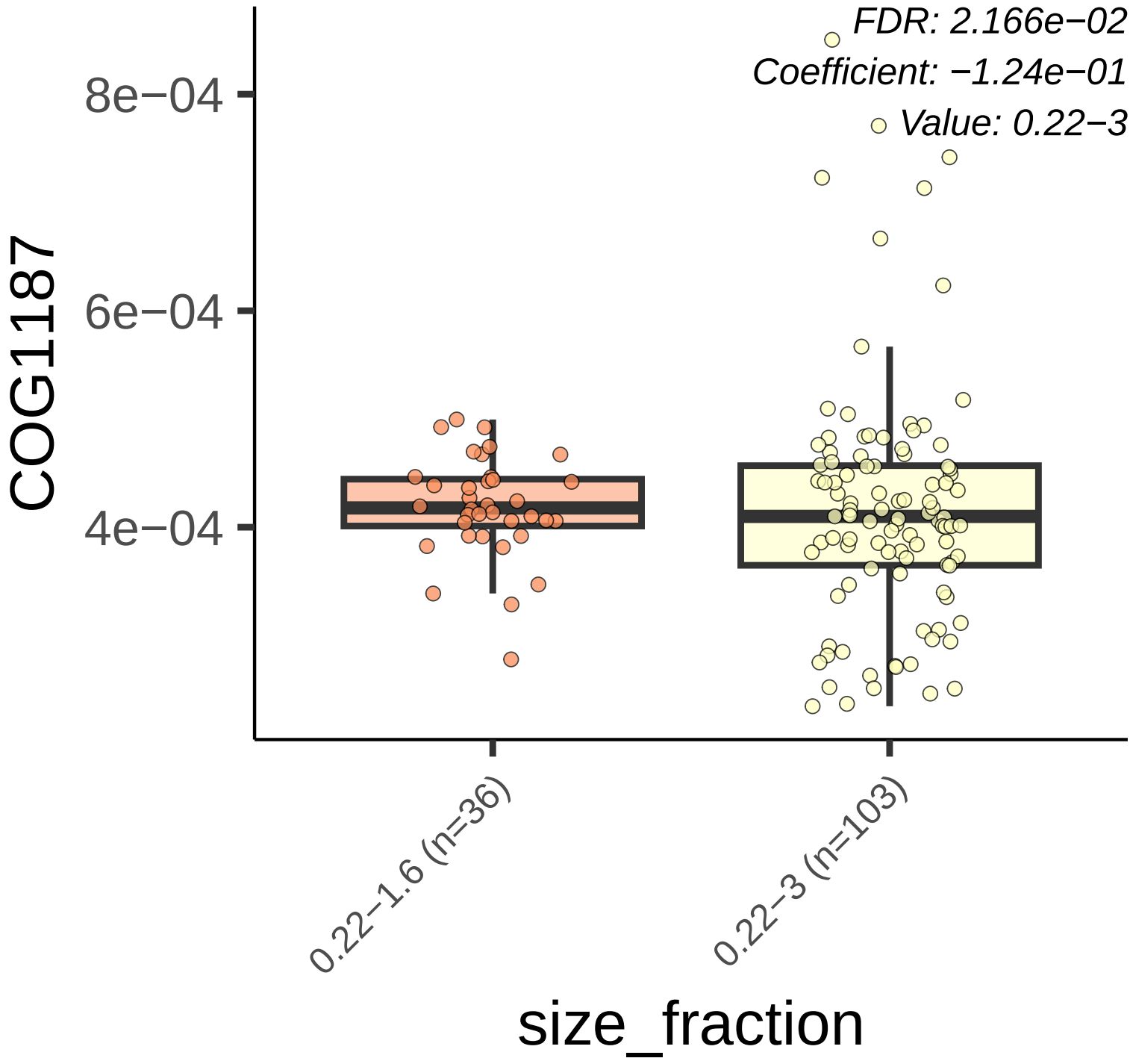

FDR: 2.105e−02
Coefficient: 1.07e+00
Value: 0.22−3
COG5006
4e−05
3e−05
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

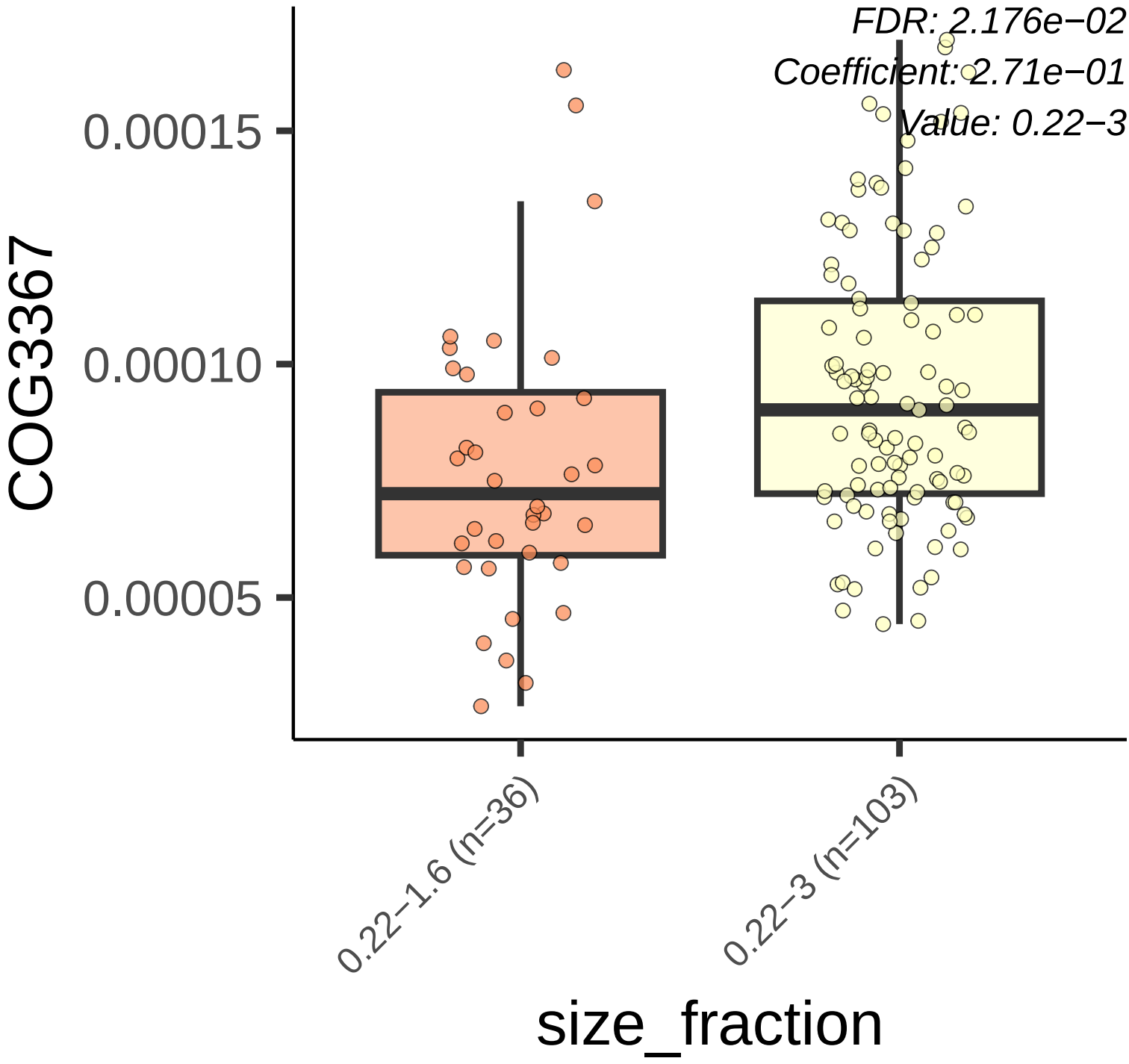

FDR: 2.124e−02
Coefficient: 7.54e−01
Value: 0.22−3
COG1441
4e−05
3e−05
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

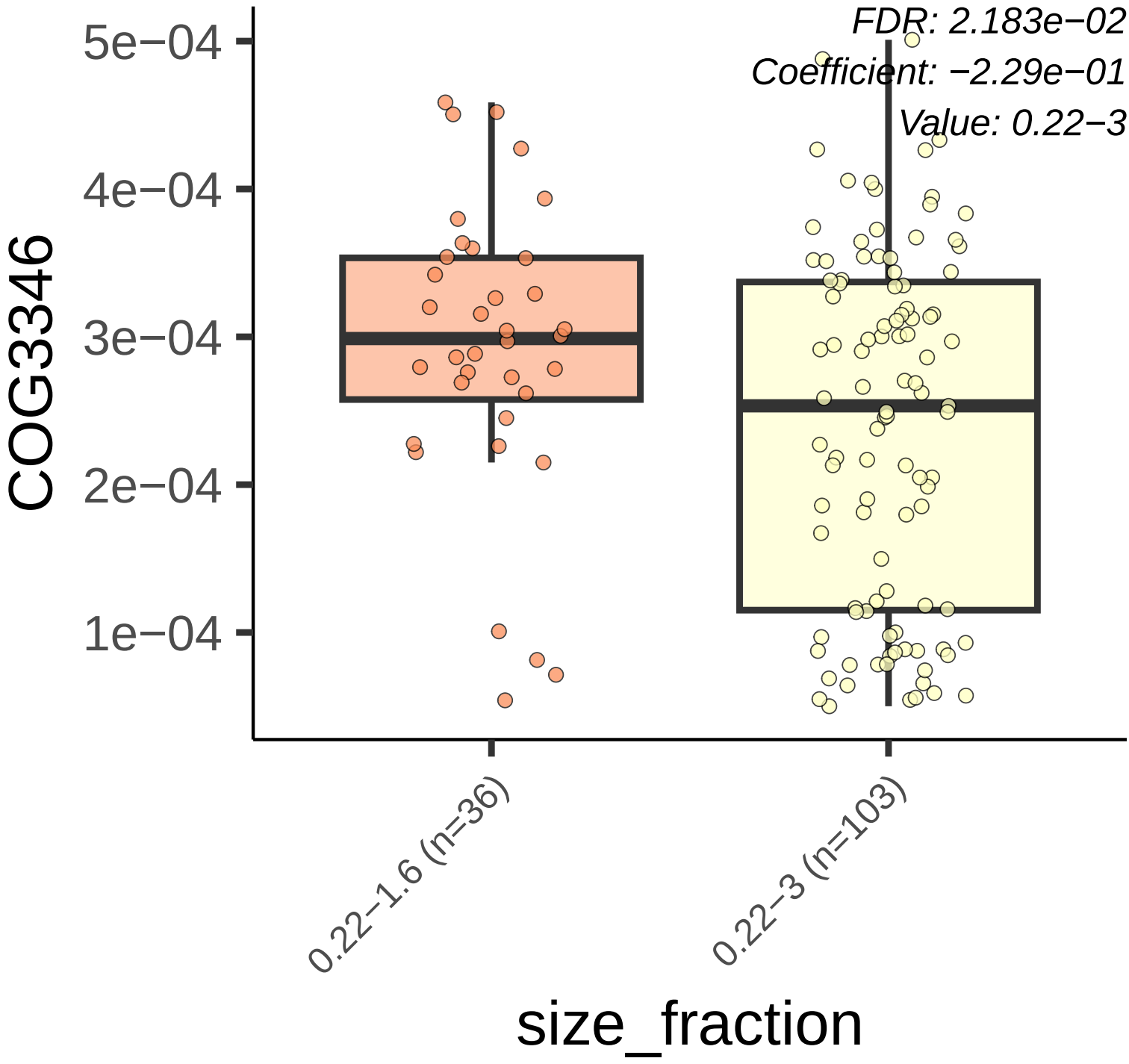

FDR: 2.124e−02
Coefficient: 1.03e+00
Value: 0.22−3
COG1685
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

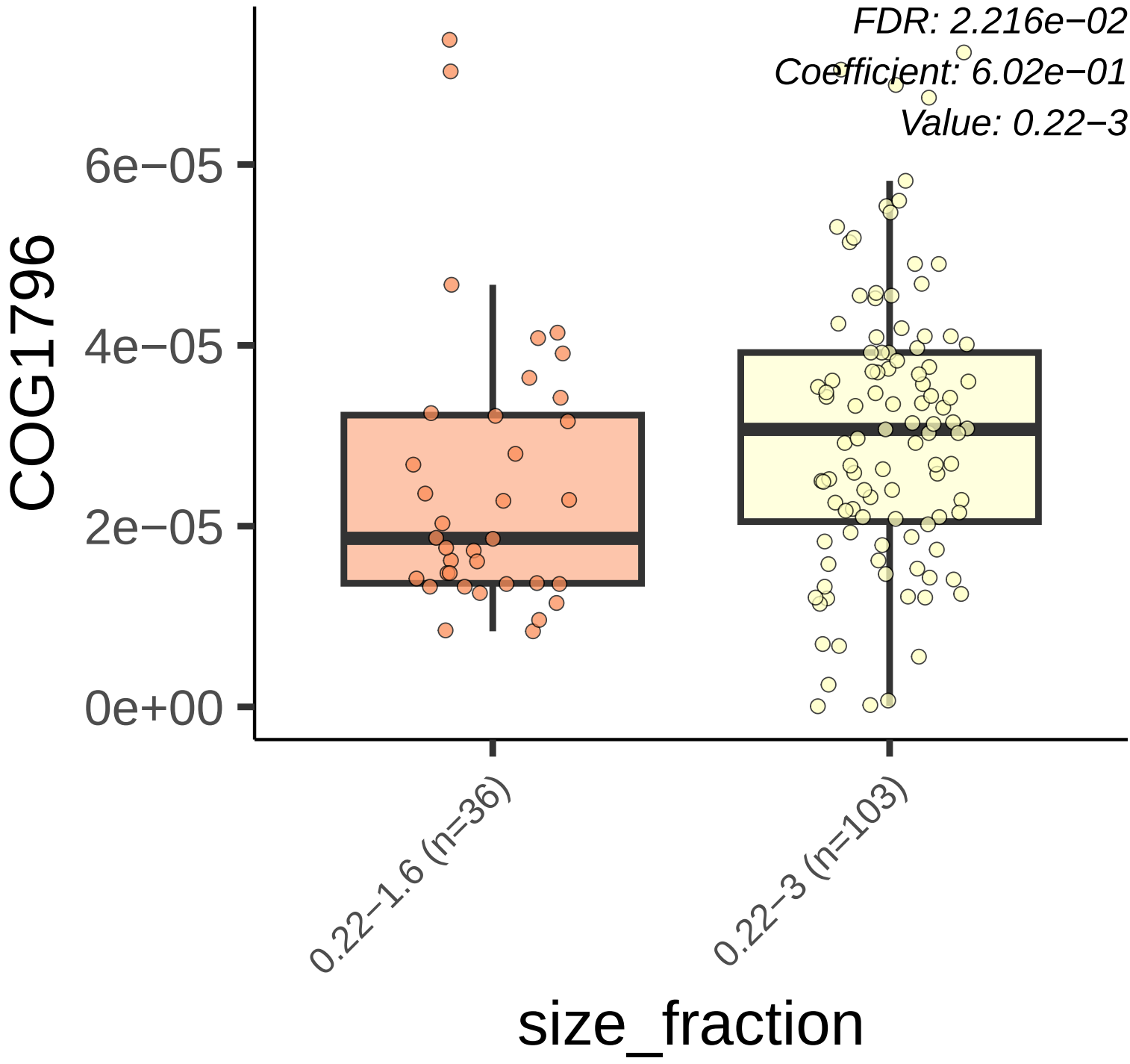

FDR: 2.148e−02
Coefficient: −2.72e−01
Value: 0.22−3
COG0837
3e−04
2e−04
1e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

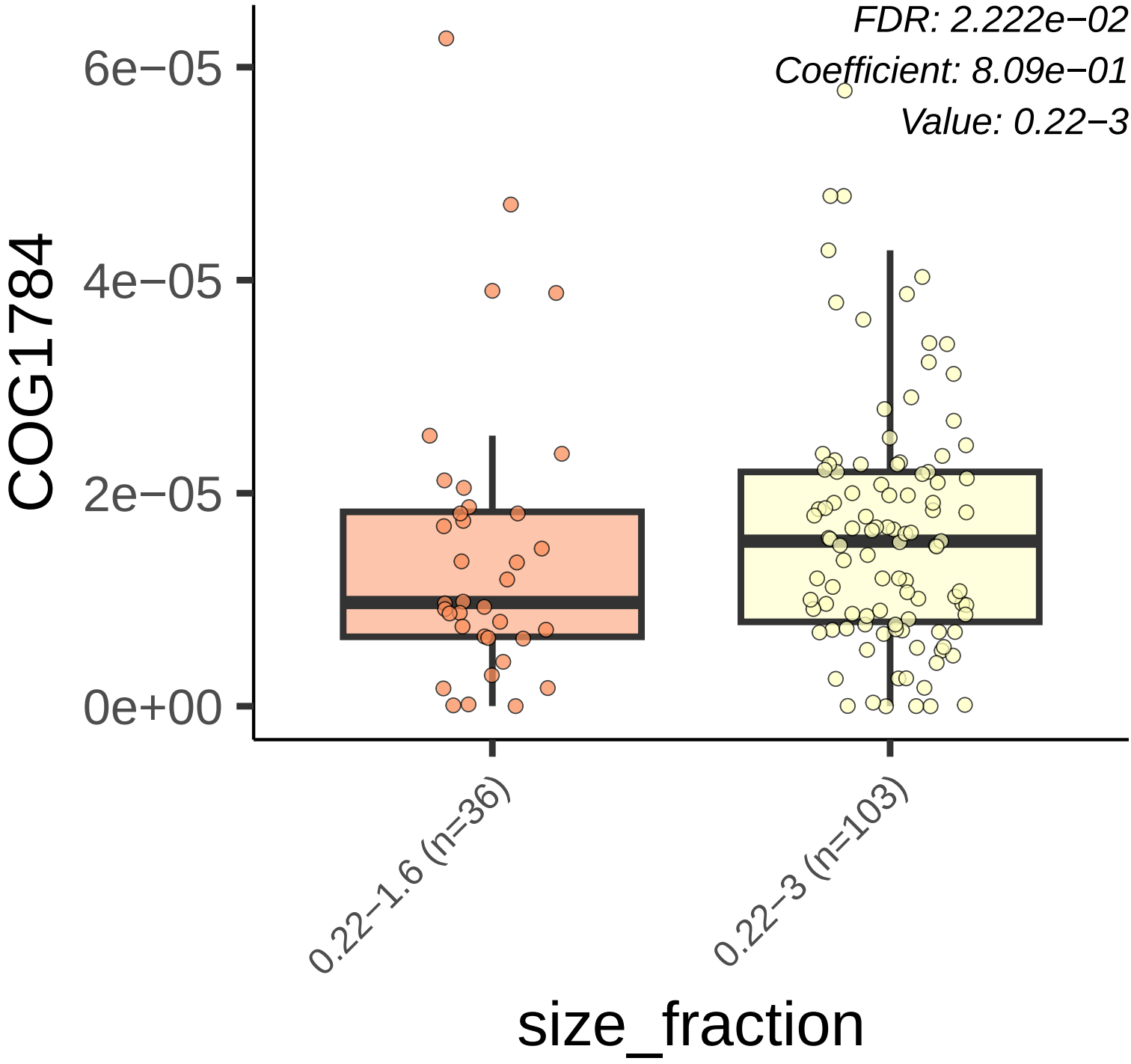

FDR: 2.164e−02
Coefficient: 7.45e−01
Value: 0.22−3
COG1813
5e−05
4e−05
3e−05
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

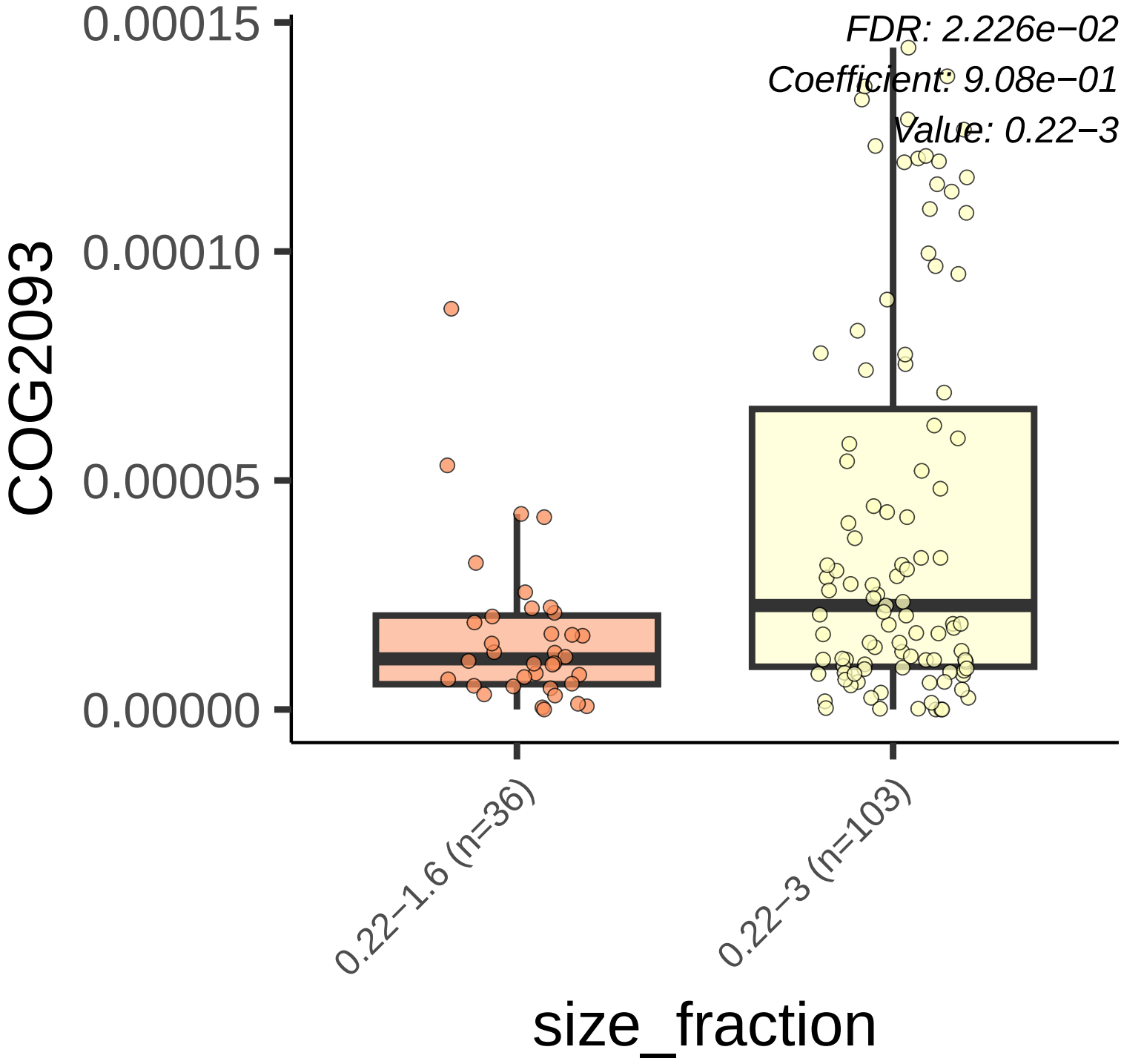

FDR: 2.166e−02
Coefficient: −1.24e−01
Value: 0.22−3
8e−04
6e−04
4e−04
COG1187
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

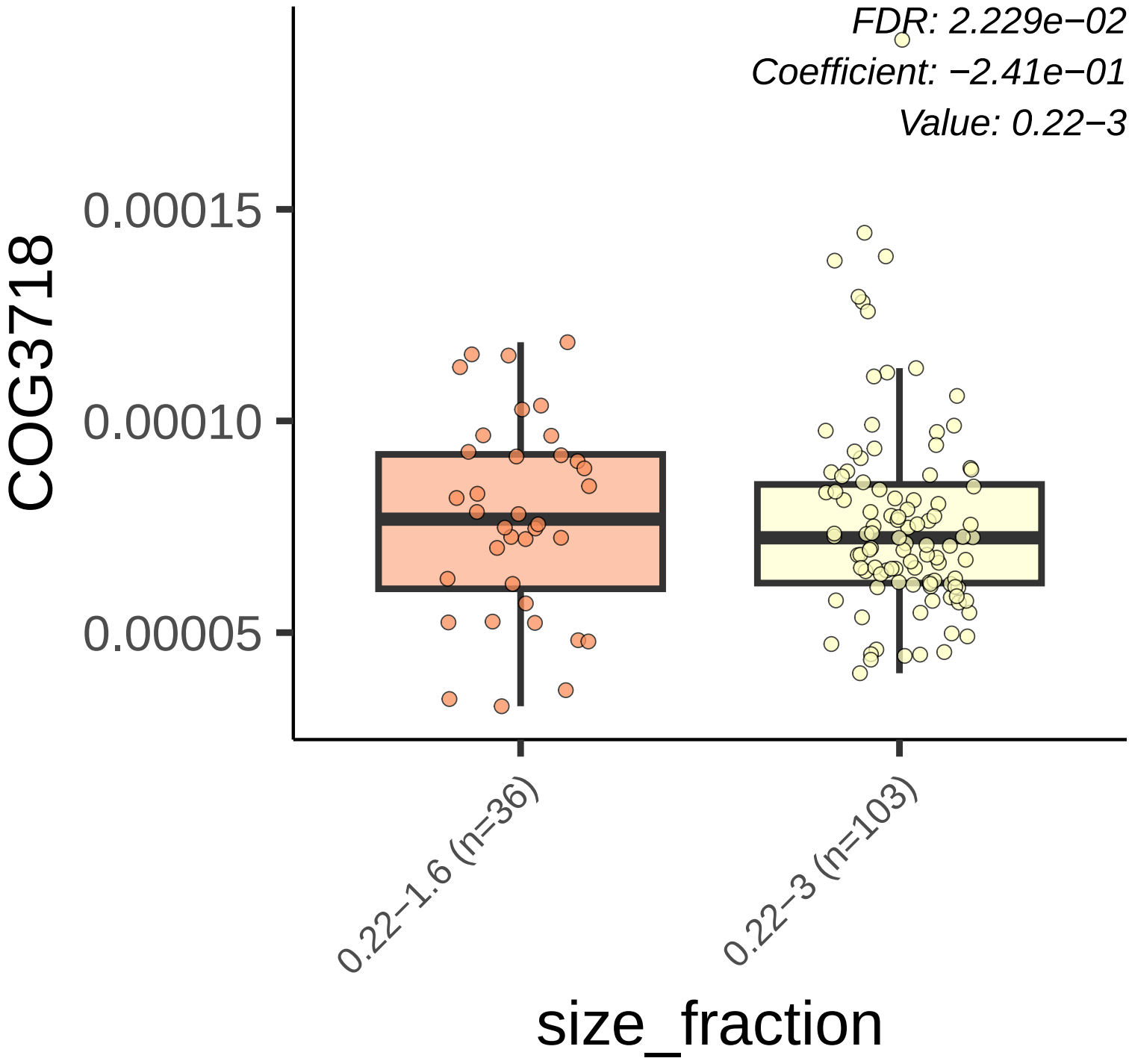

FDR: 2.176e−02
Coefficient: 2.71e−01
Value: 0.22−3
COG3367
0.00015
0.00010
0.00005
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

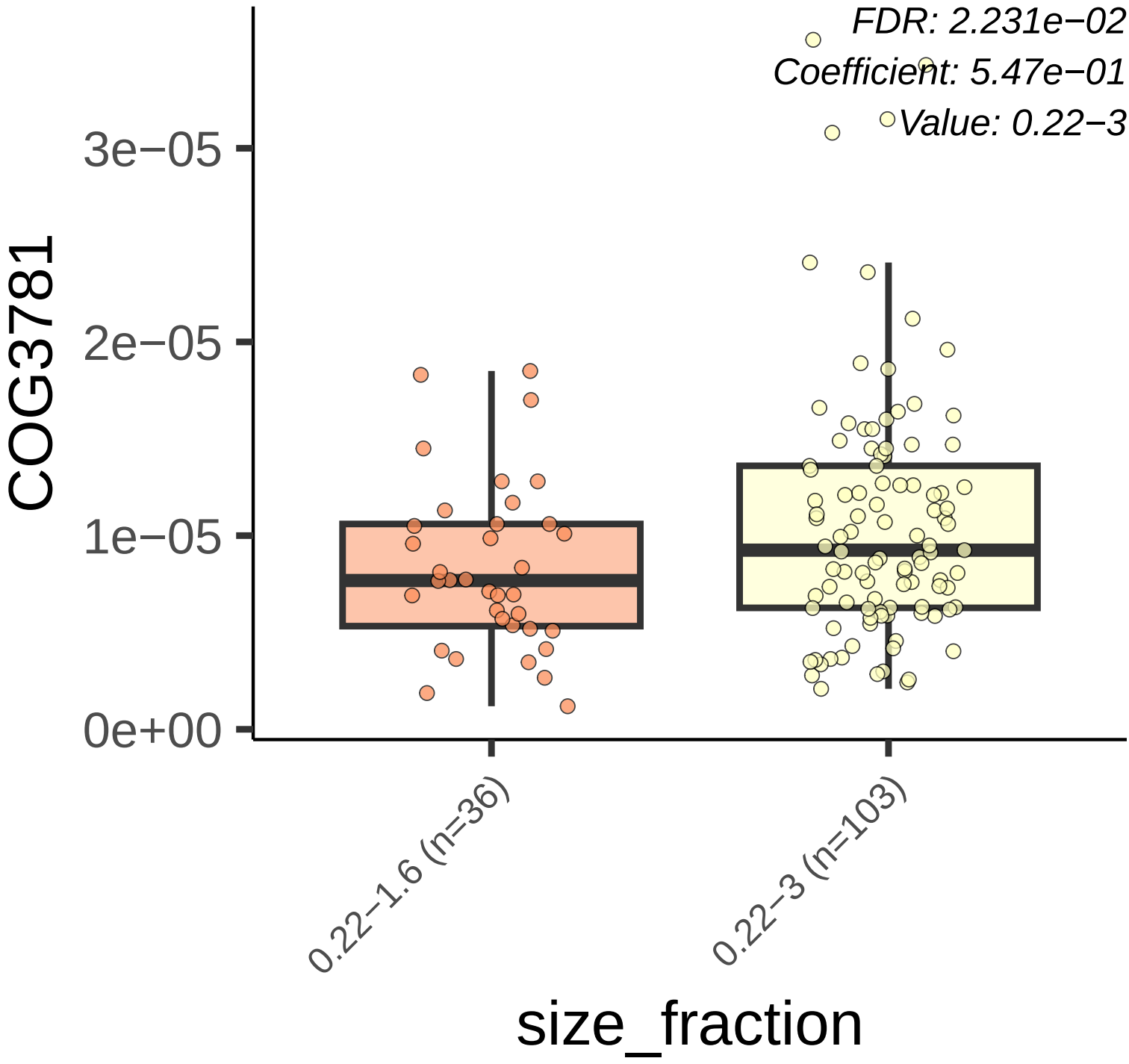

FDR: 2.183e−02
Coefficient: −2.29e−01
Value: 0.22−3
COG3346
5e−04
4e−04
3e−04
2e−04
1e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

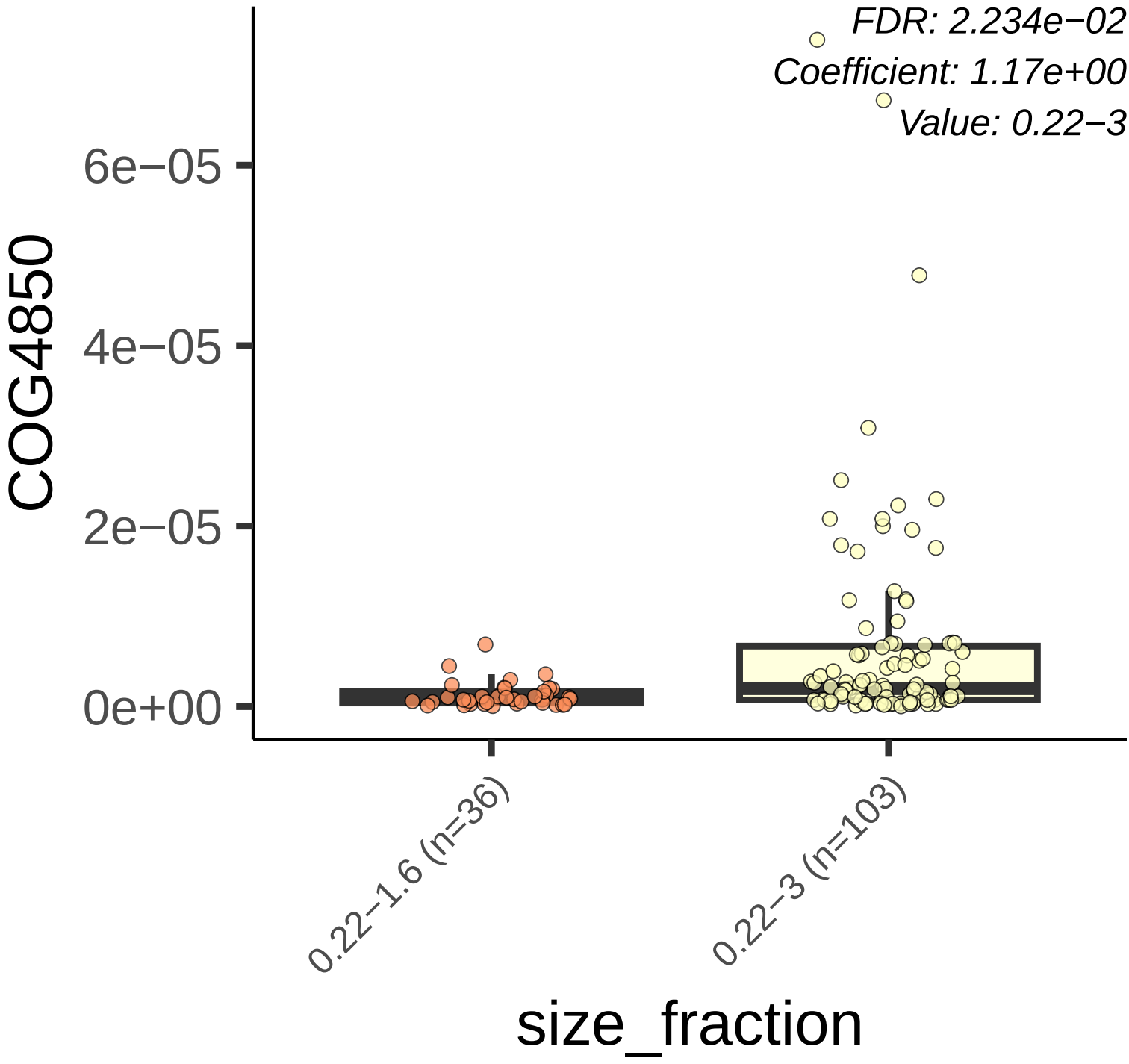

FDR: 2.216e−02
Coefficient: 6.02e−01
Value: 0.22−3
COG1796
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

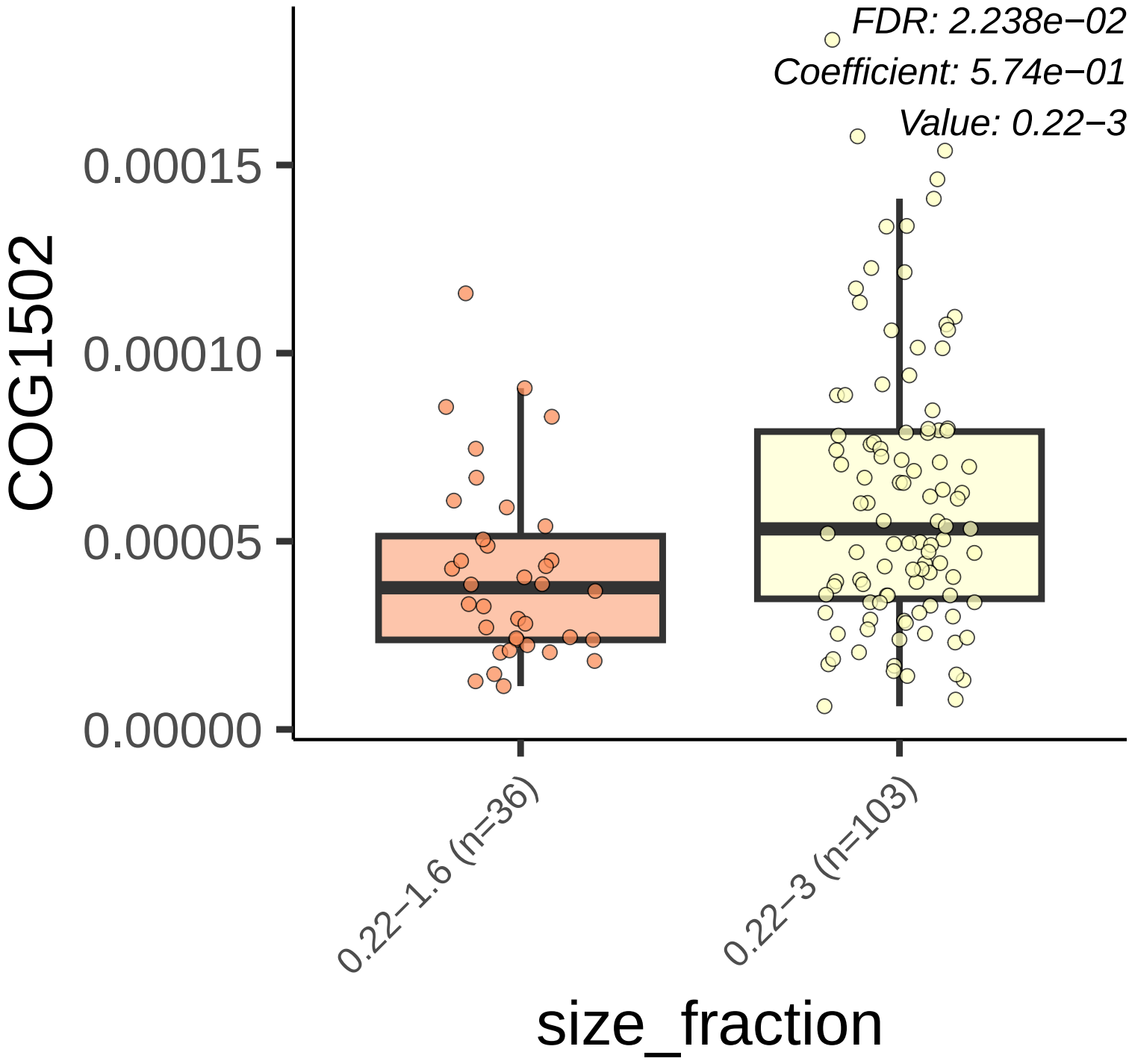

FDR: 2.222e−02
Coefficient: 8.09e−01
Value: 0.22−3
COG1784
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

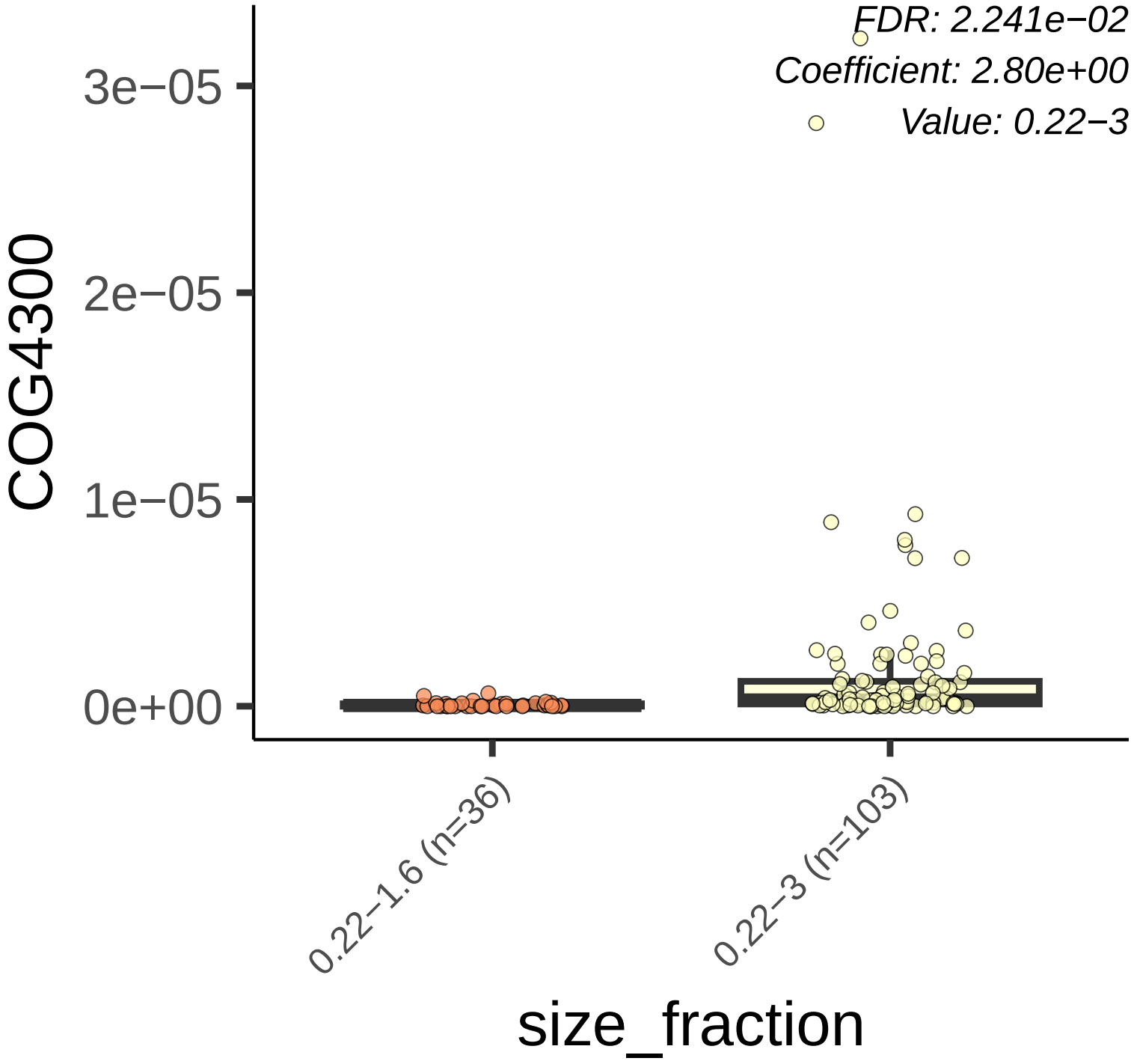

FDR: 2.226e−02
Coefficient: 9.08e−01
Value: 0.22−3
COG2093
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

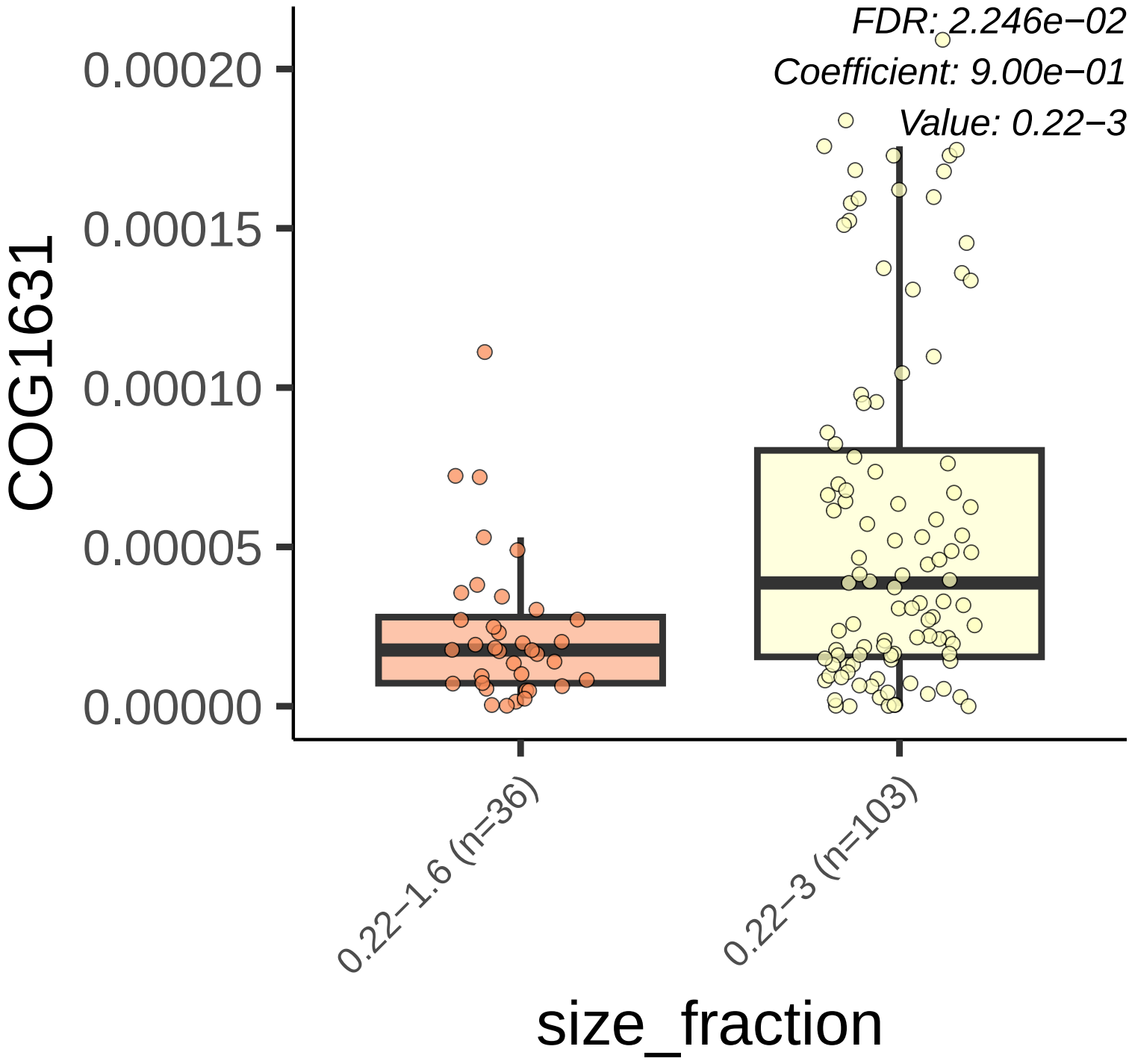

FDR: 2.229e−02
Coefficient: −2.41e−01
Value: 0.22−3
COG3718
0.00015
0.00010
0.00005
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

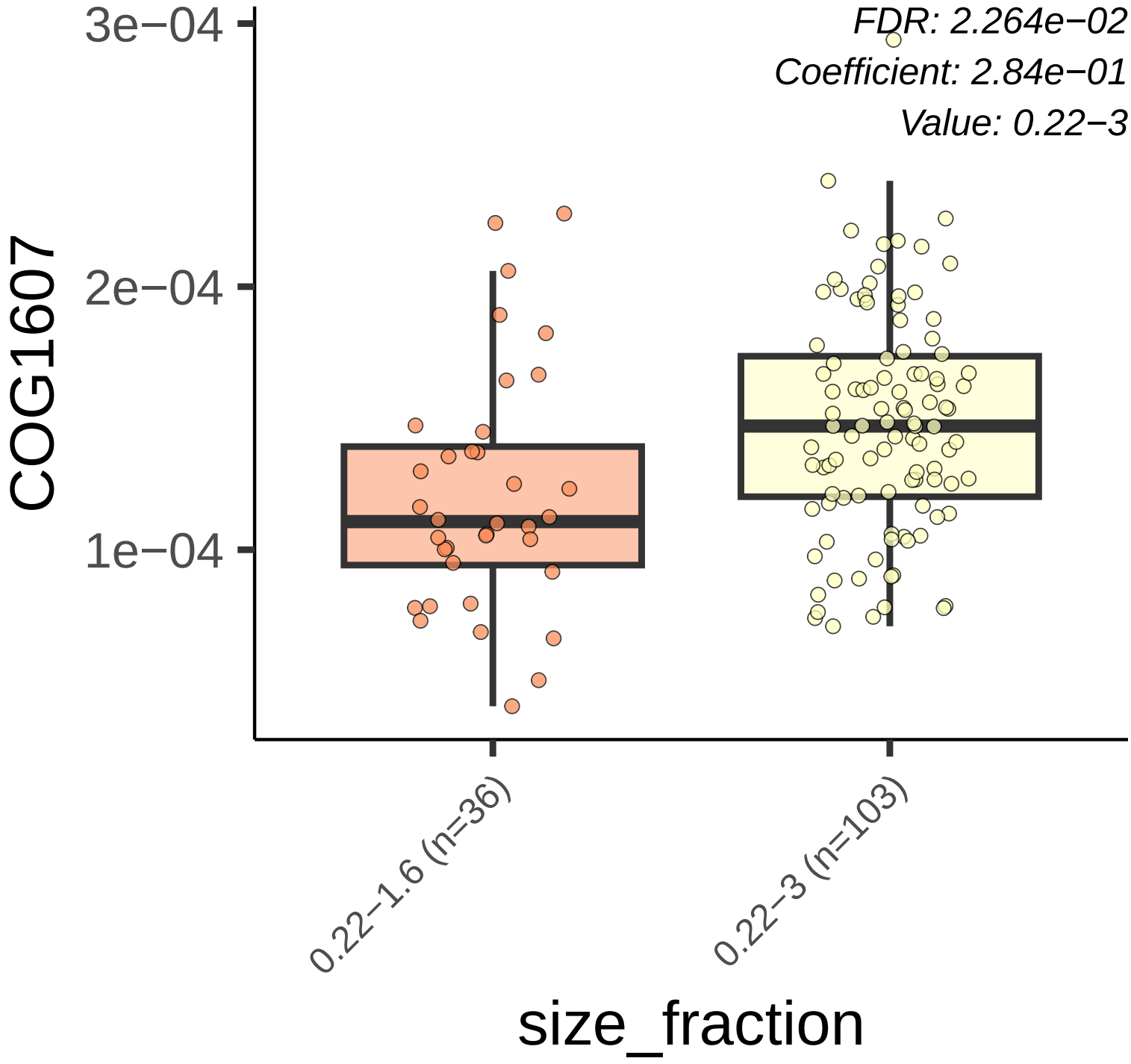

FDR: 2.231e−02
Coefficient: 5.47e−01
Value: 0.22−3
COG3781
3e−05
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 2.234e−02
Coefficient: 1.17e+00
Value: 0.22−3
COG4850
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 2.238e−02
Coefficient: 5.74e−01
Value: 0.22−3
COG1502
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 2.241e−02
Coefficient: 2.80e+00
Value: 0.22−3
COG4300
3e−05
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 2.246e−02
Coefficient: 9.00e−01
Value: 0.22−3
COG1631
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 2.264e−02
Coefficient: 2.84e−01
Value: 0.22−3
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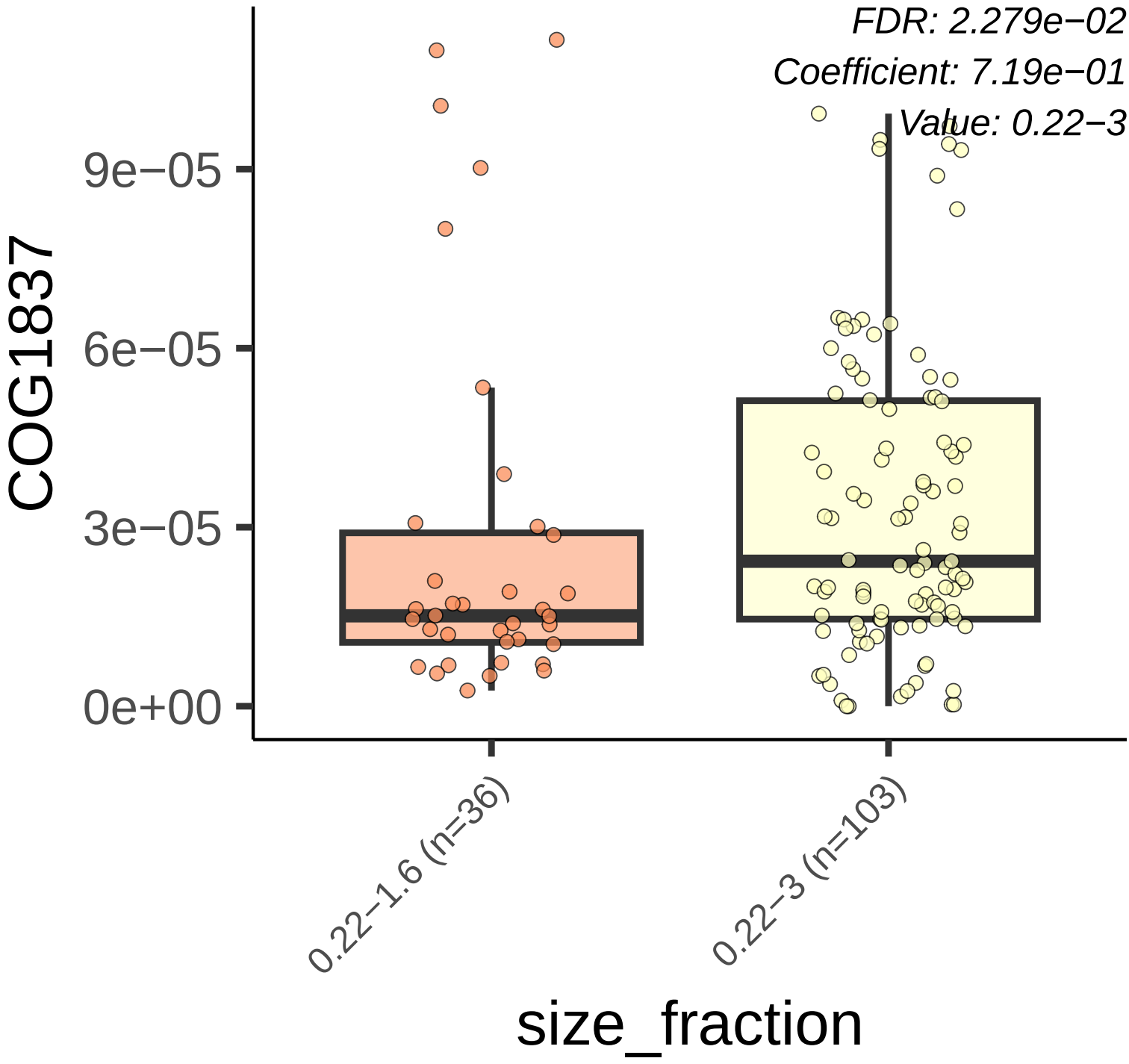
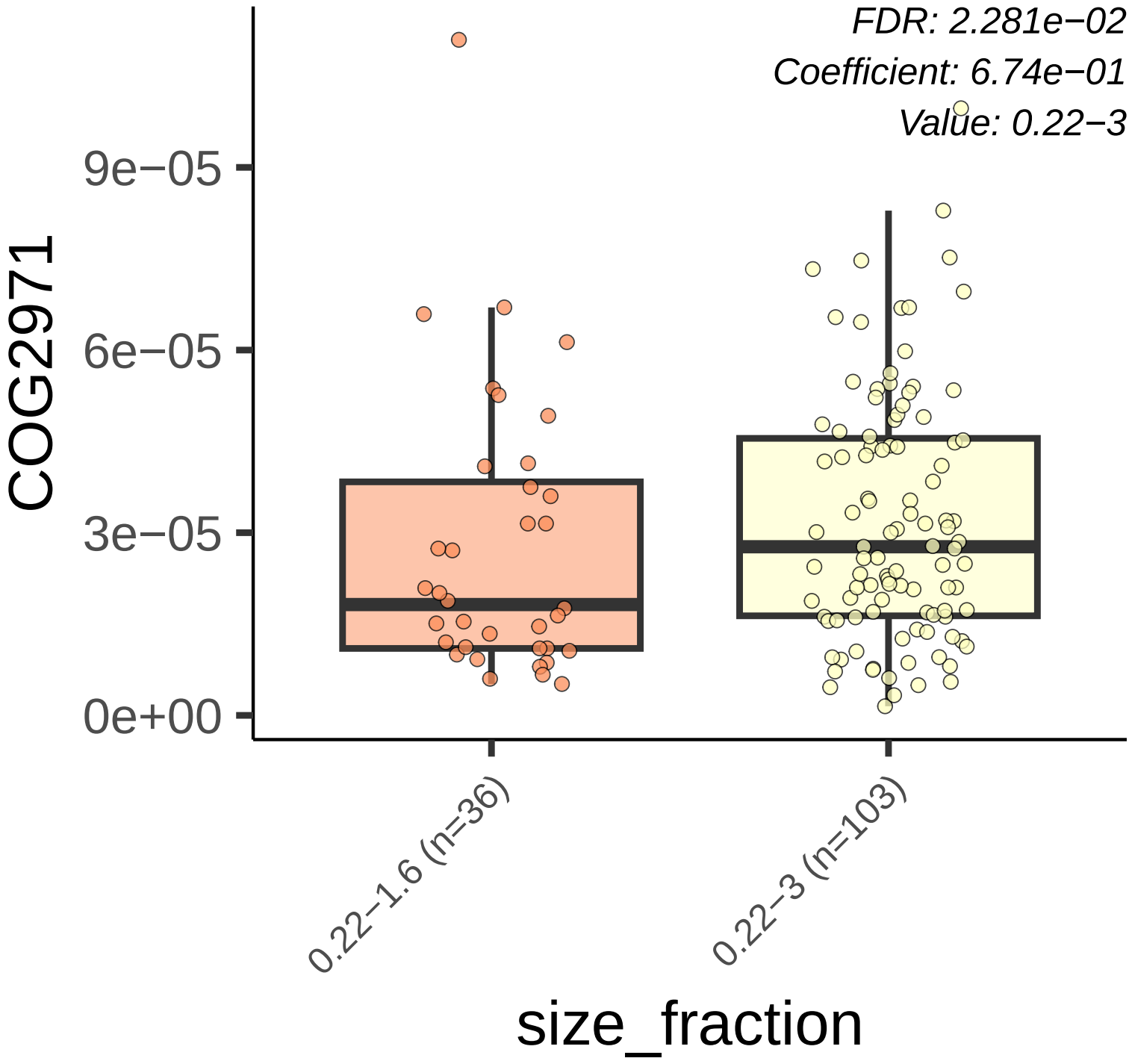
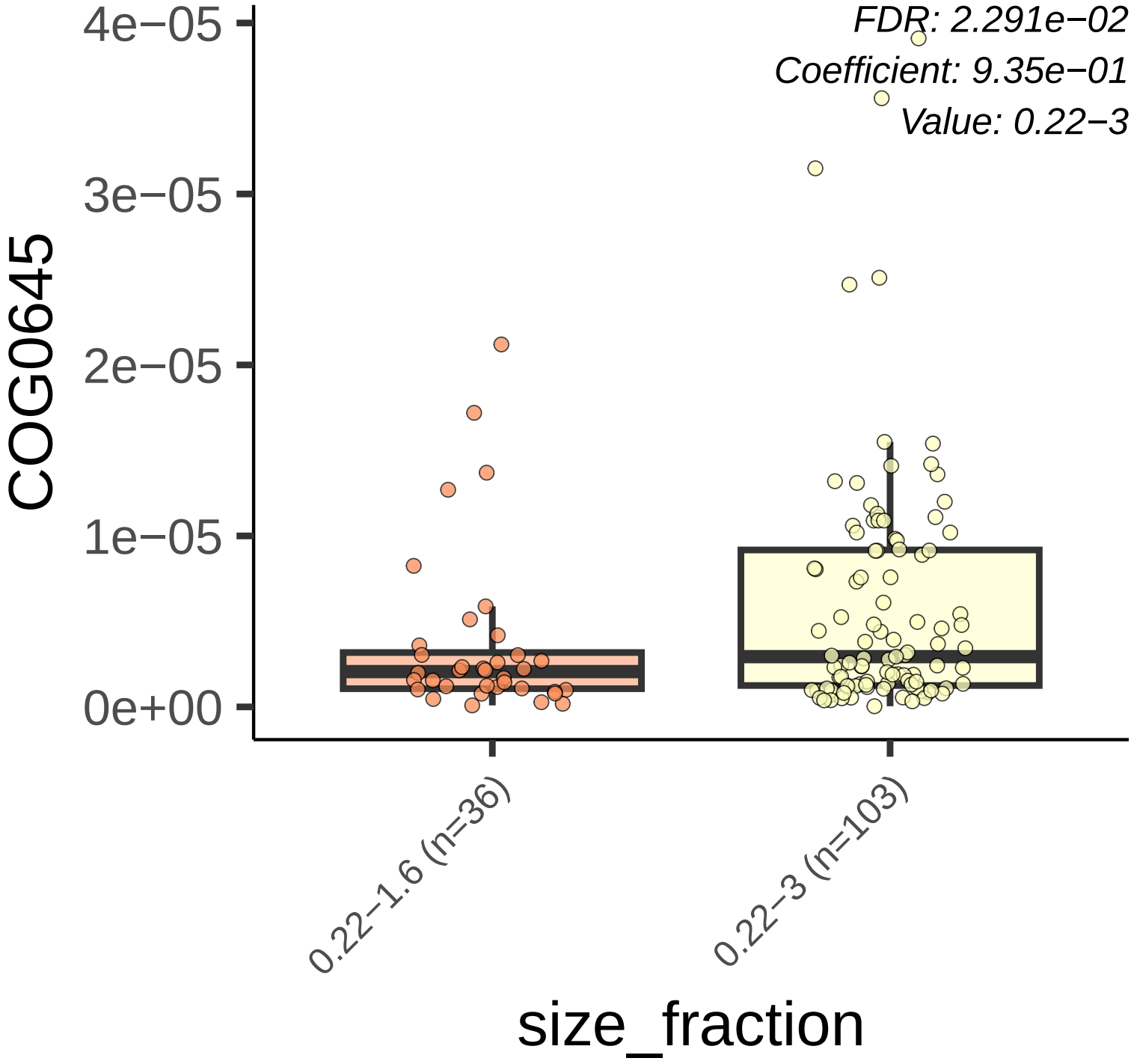
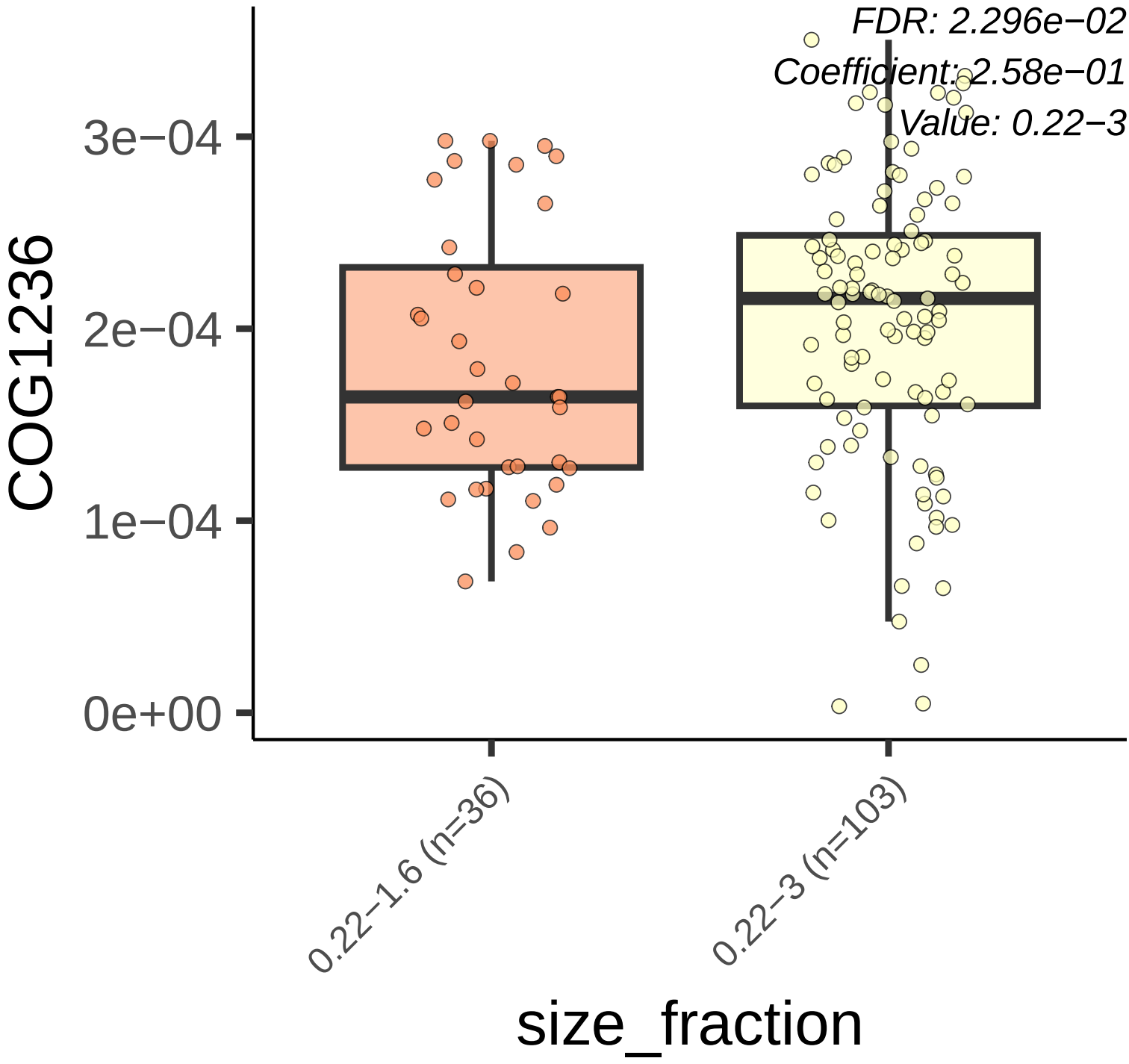
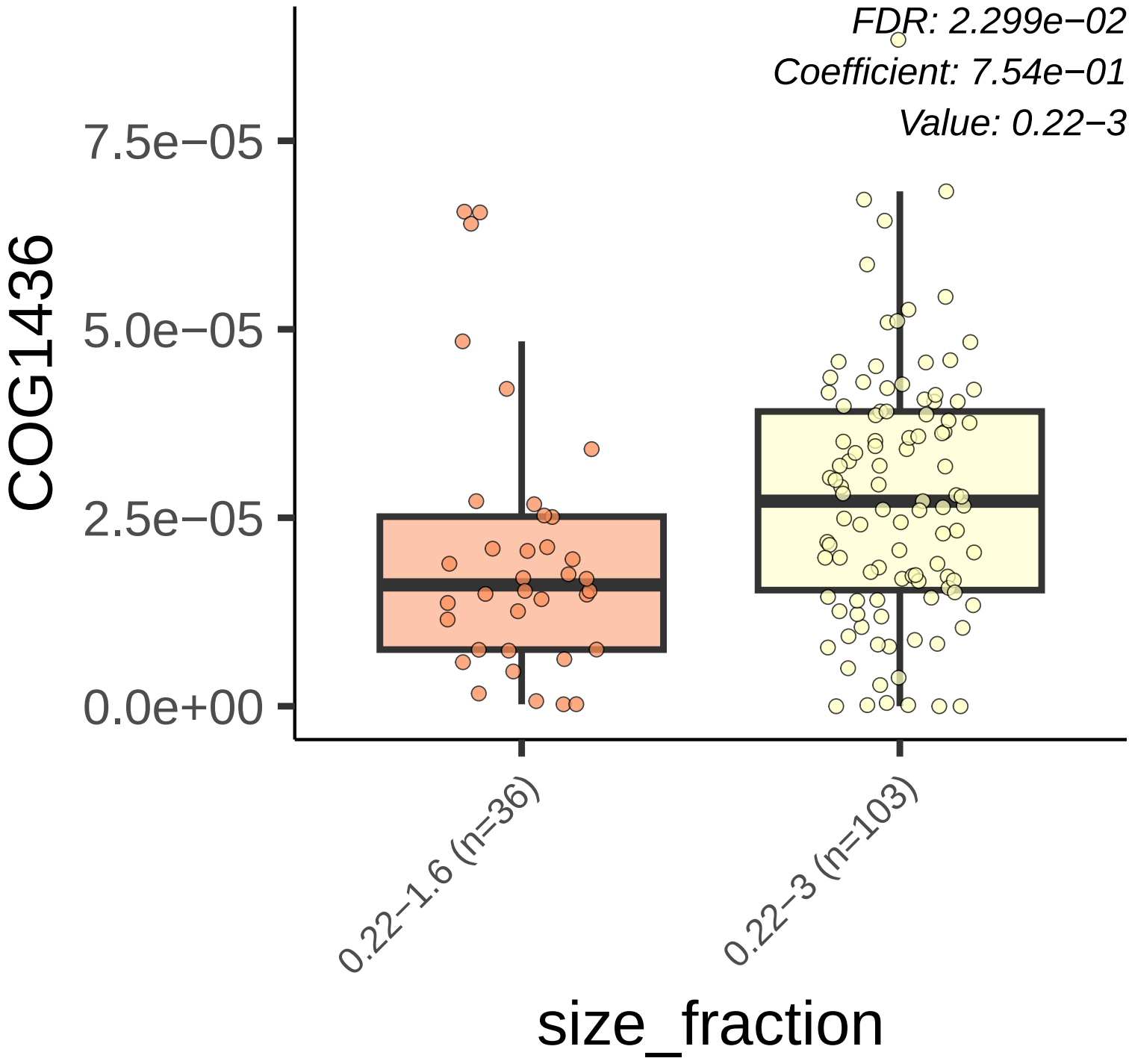
2e−04
1e−04
COG1607
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

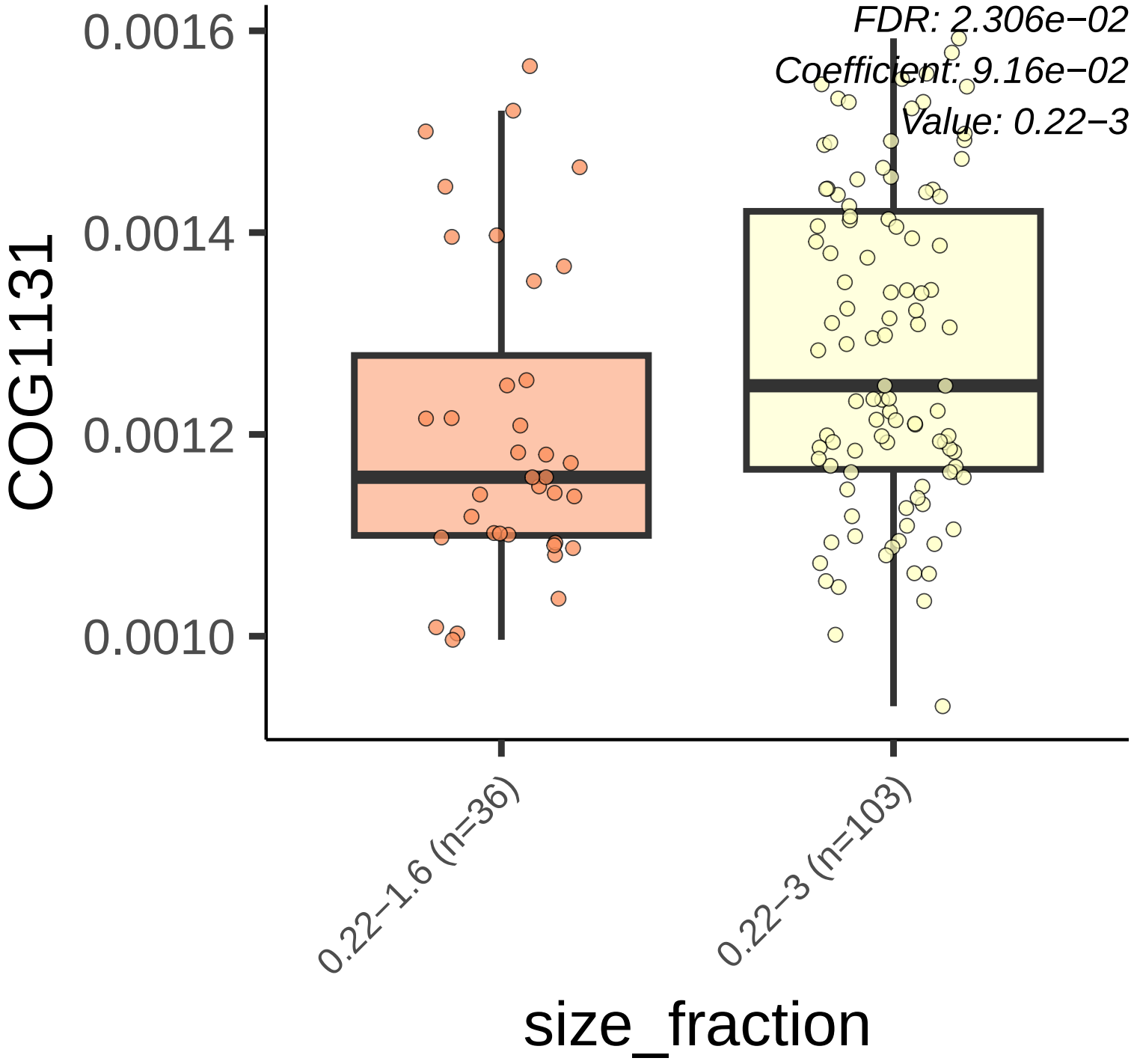

FDR: 2.279e−02
Coefficient: 7.19e−01
Value: 0.22−3
COG1837
9e−05
6e−05
3e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

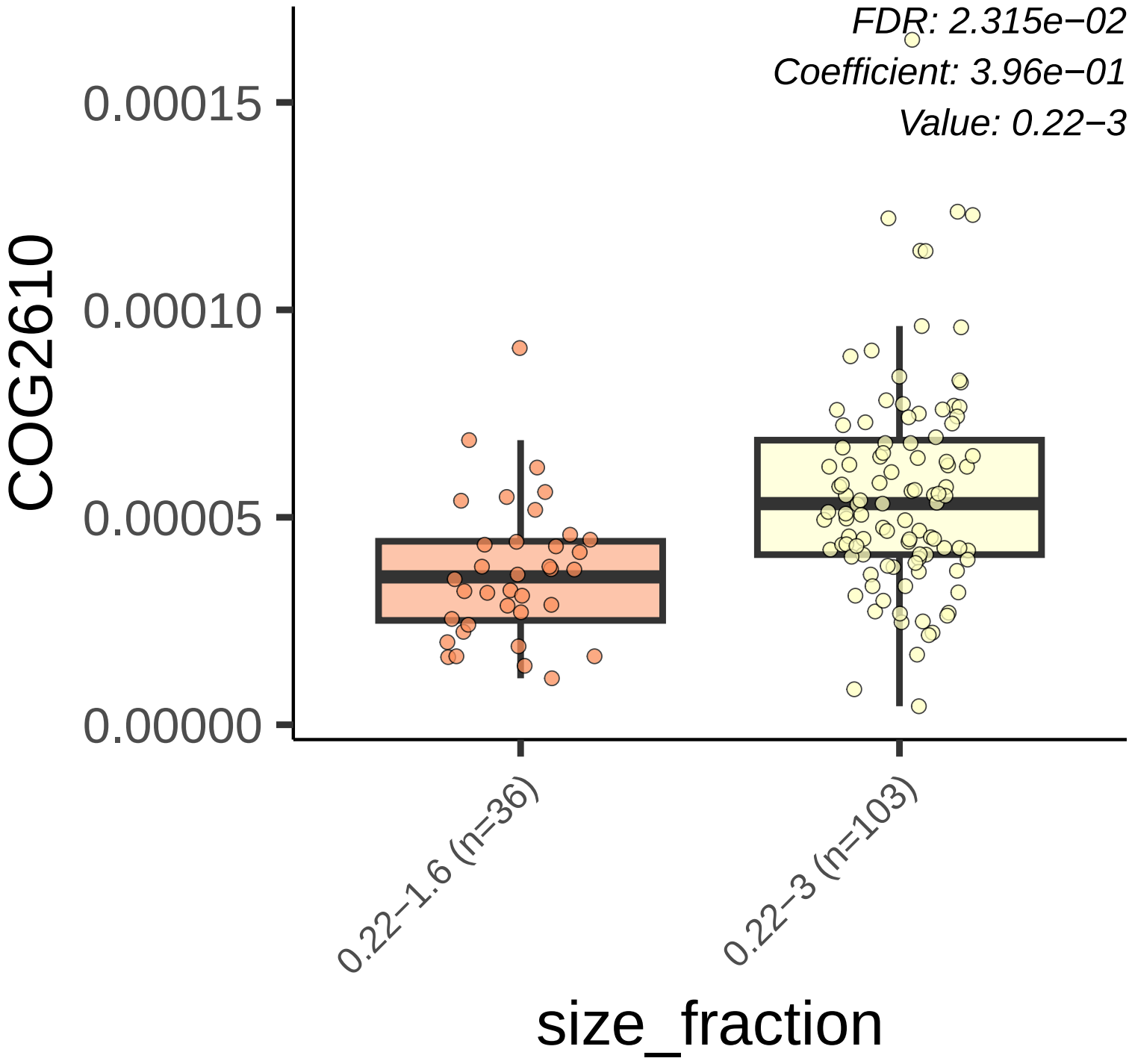

FDR: 2.281e−02
Coefficient: 6.74e−01
Value: 0.22−3
COG2971
9e−05
6e−05
3e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 2.291e−02
Coefficient: 9.35e−01
Value: 0.22−3
COG0645
4e−05
3e−05
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 2.296e−02
Coefficient: 2.58e−01
Value: 0.22−3
COG1236
3e−04
2e−04
1e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 2.299e−02
Coefficient: 7.54e−01
Value: 0.22−3
COG1436
7.5e−05
5.0e−05
2.5e−05
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 2.306e−02
Coefficient: 9.16e−02
Value: 0.22−3
0.0016
0.0014
0.0012
0.0010
COG1131
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 2.315e−02
Coefficient: 3.96e−01
Value: 0.22−3
COG2610
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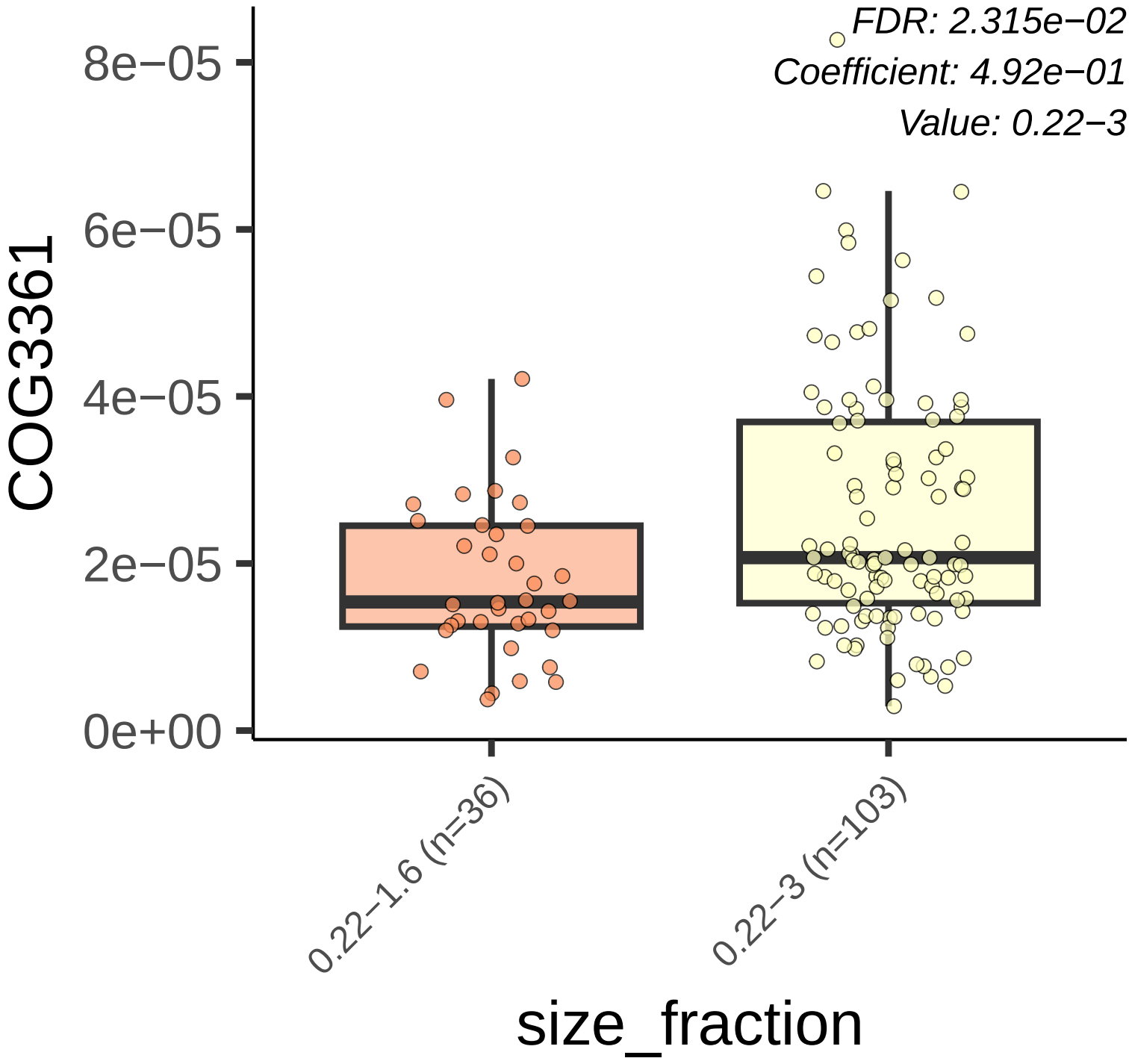
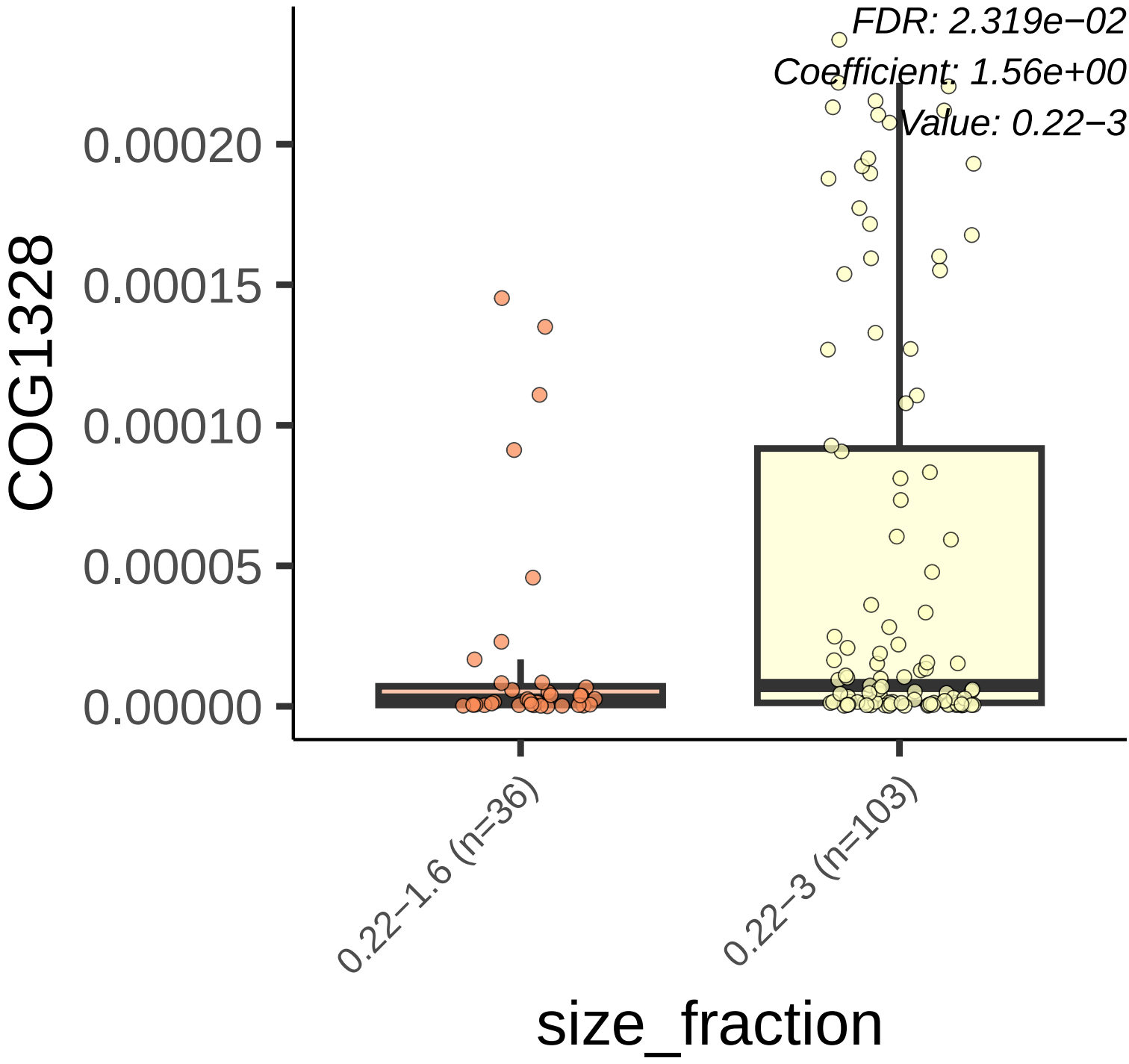
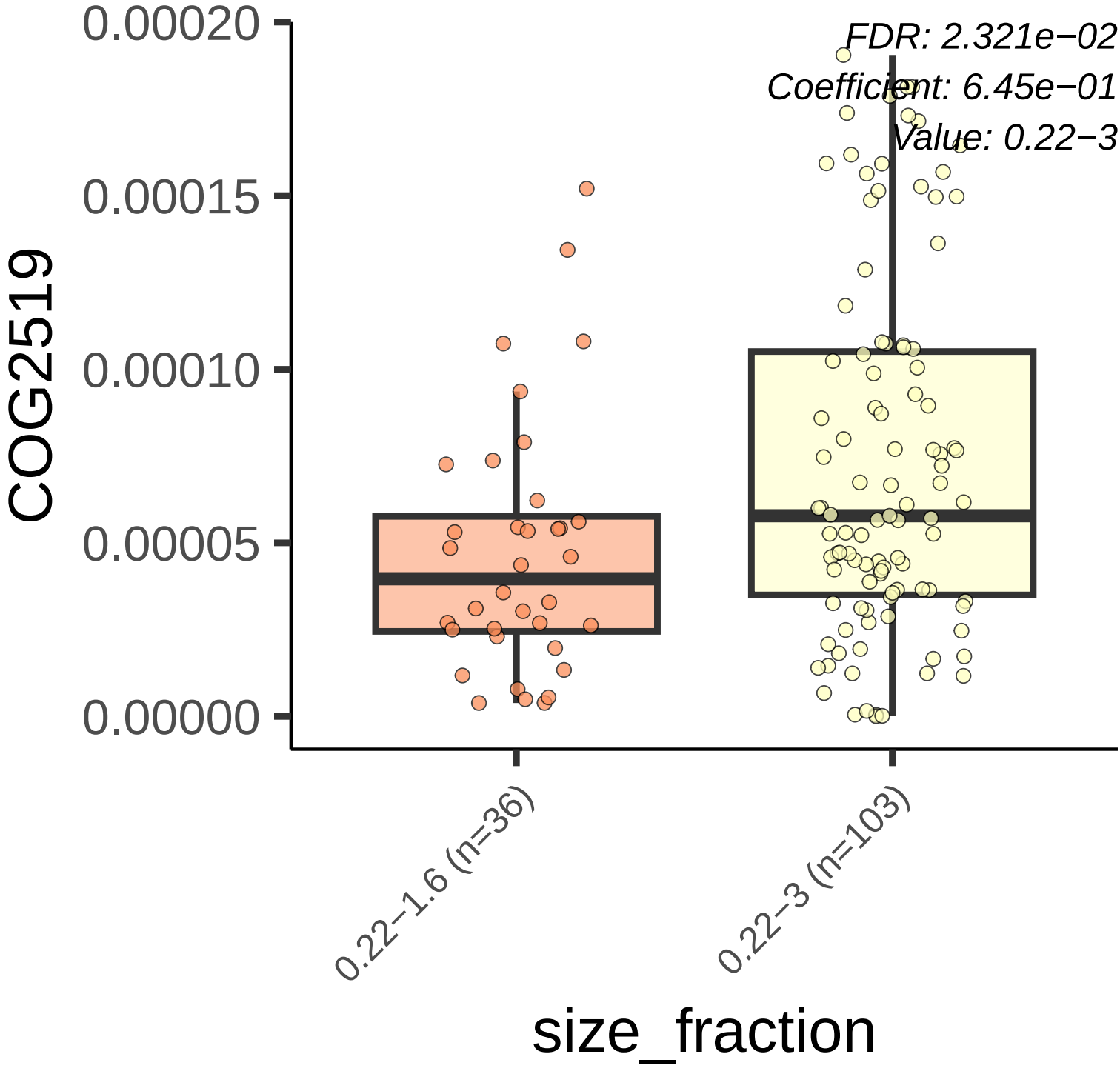
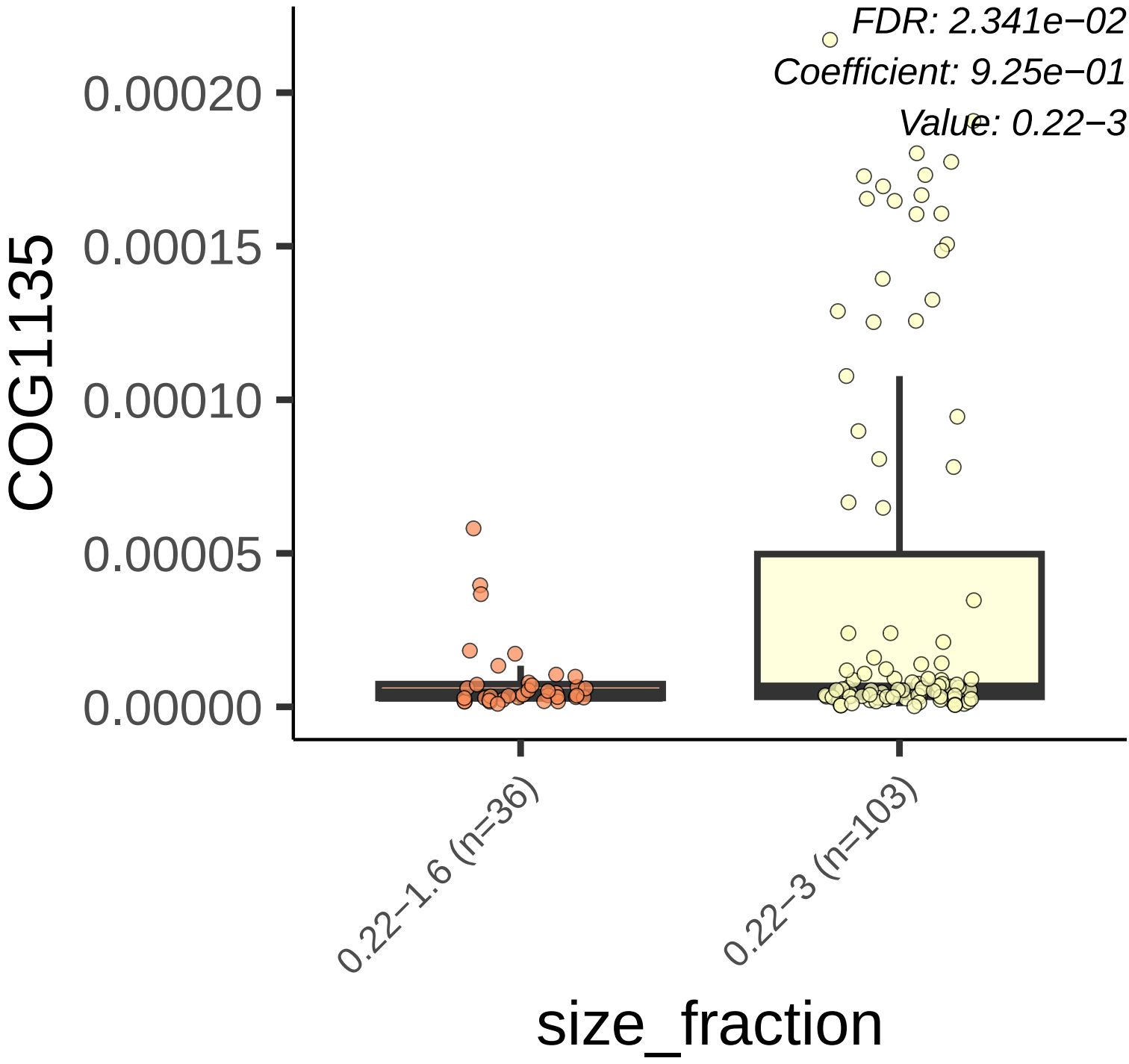
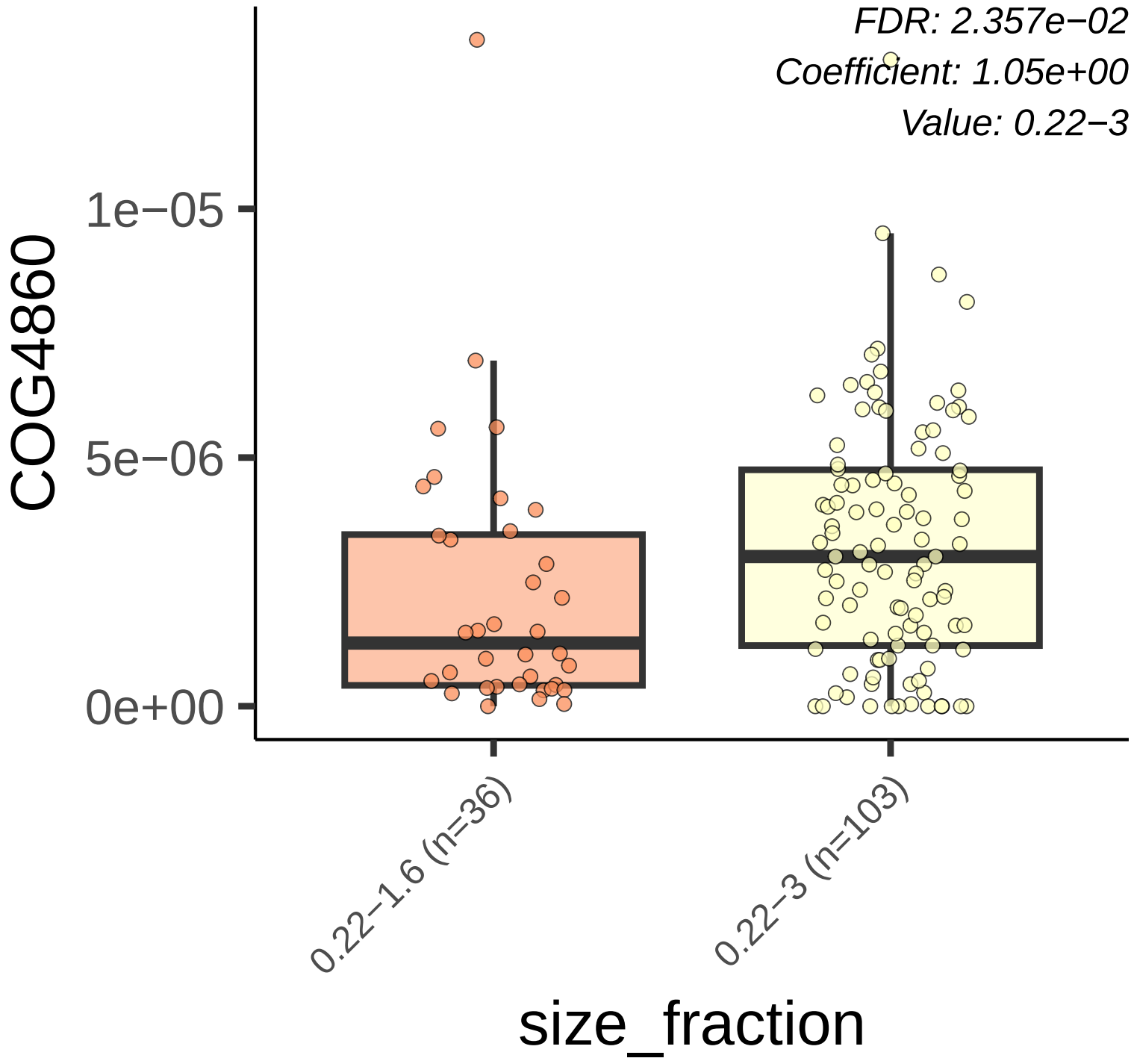
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

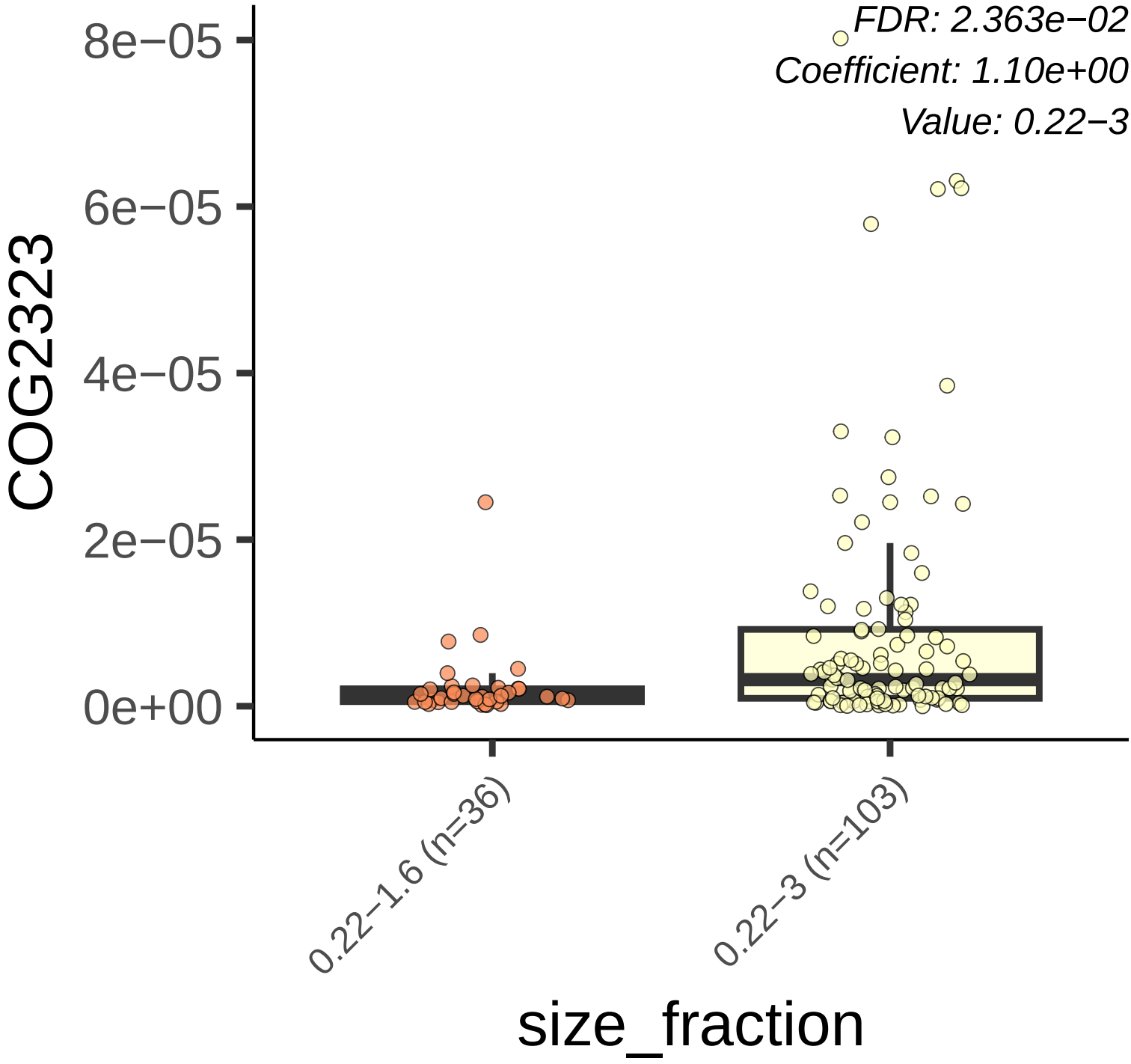

FDR: 2.315e−02
Coefficient: 4.92e−01
Value: 0.22−3
COG3361
8e−05
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

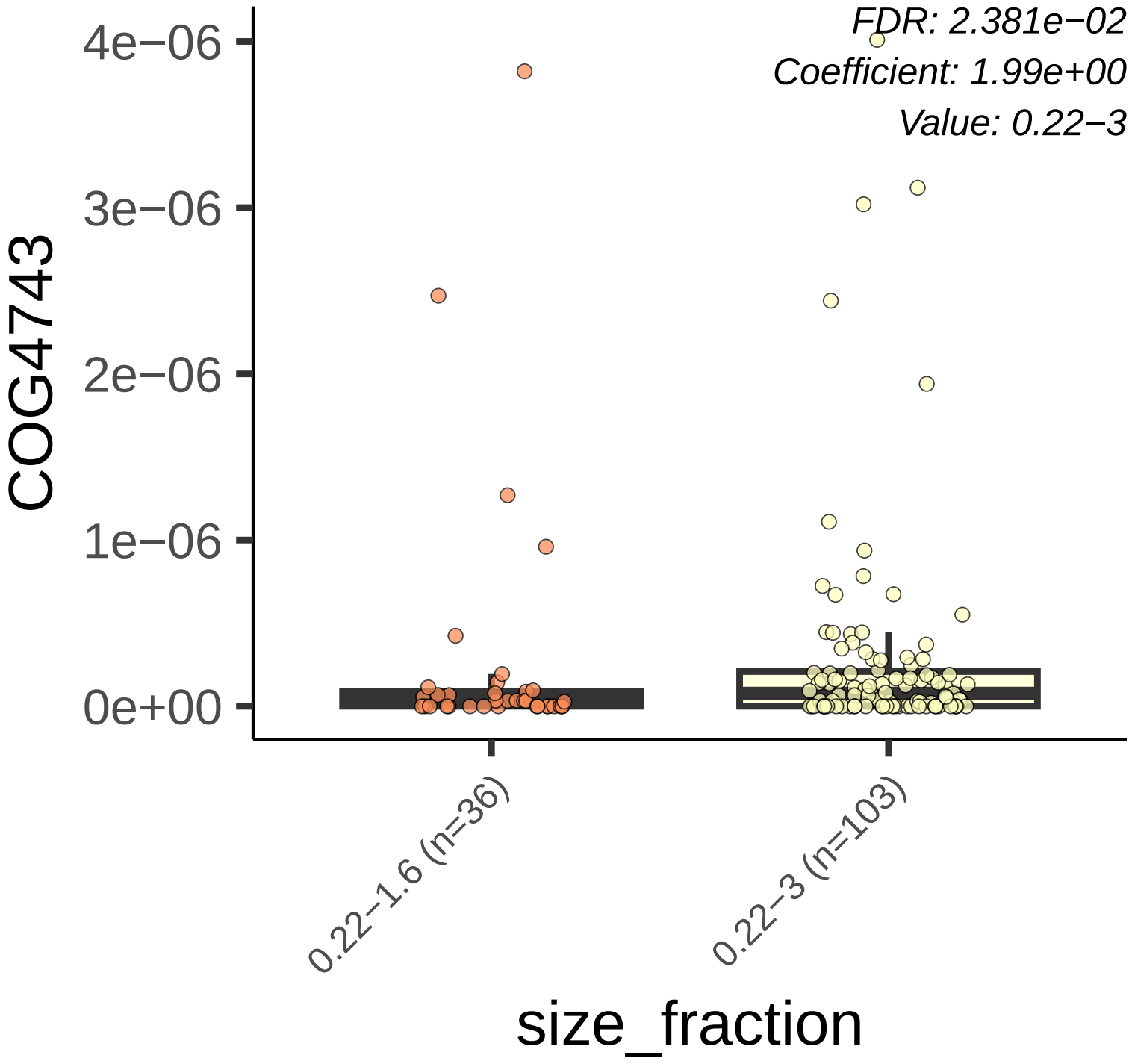

FDR: 2.319e−02
Coefficient: 1.56e+00
Value: 0.22−3
COG1328
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

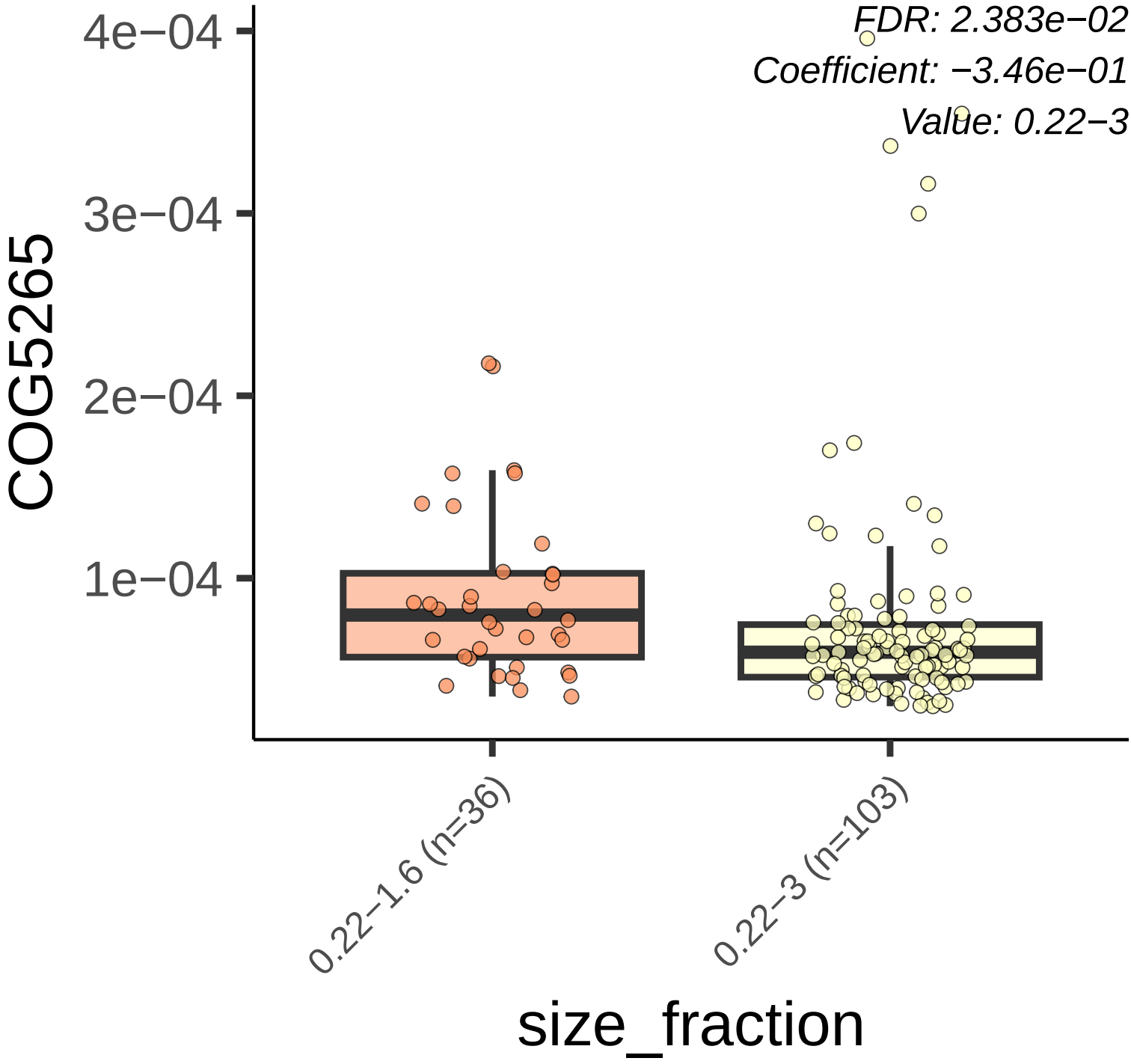

FDR: 2.321e−02
Coefficient: 6.45e−01
Value: 0.22−3
COG2519
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

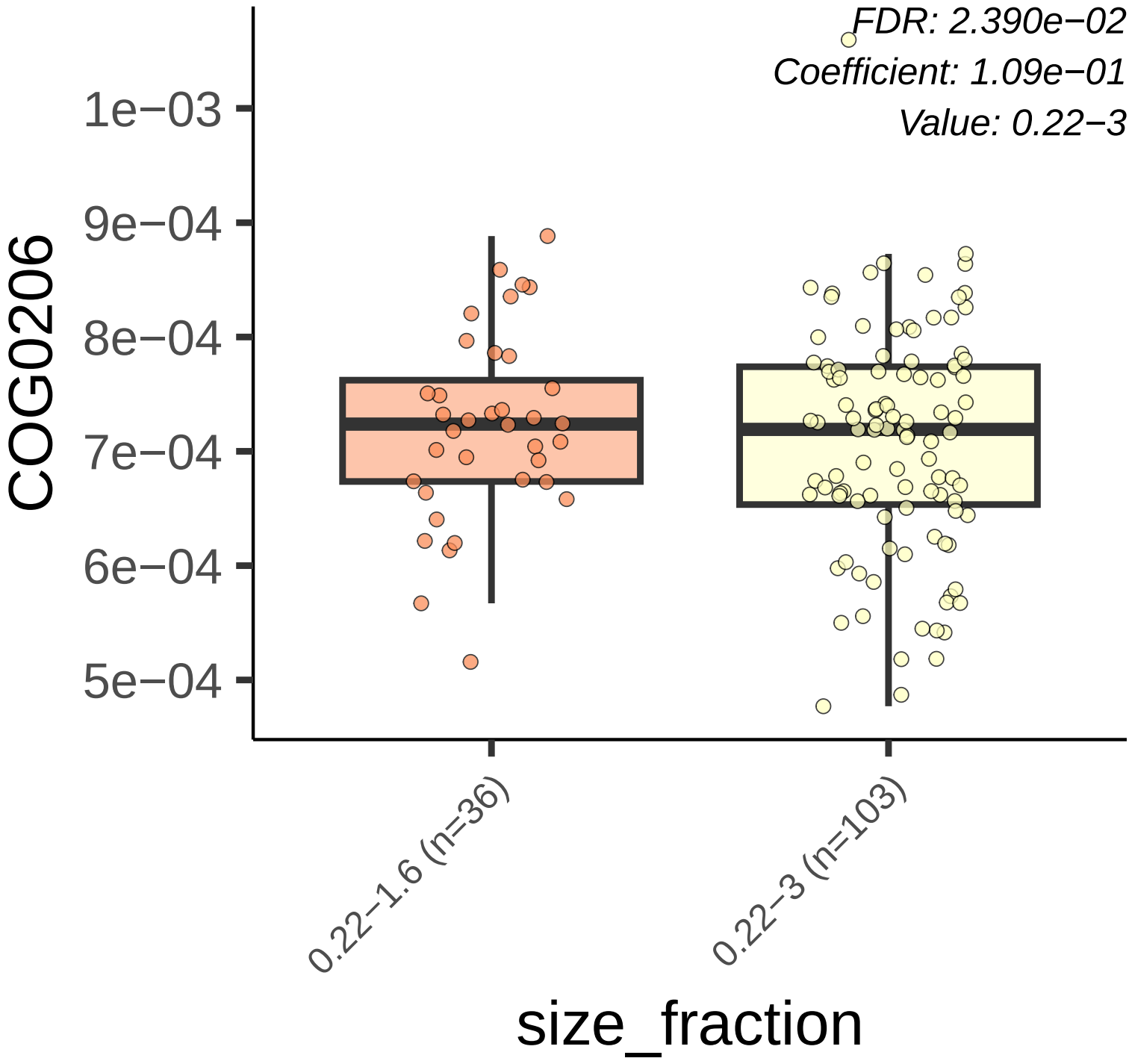

FDR: 2.341e−02
Coefficient: 9.25e−01
Value: 0.22−3
COG1135
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

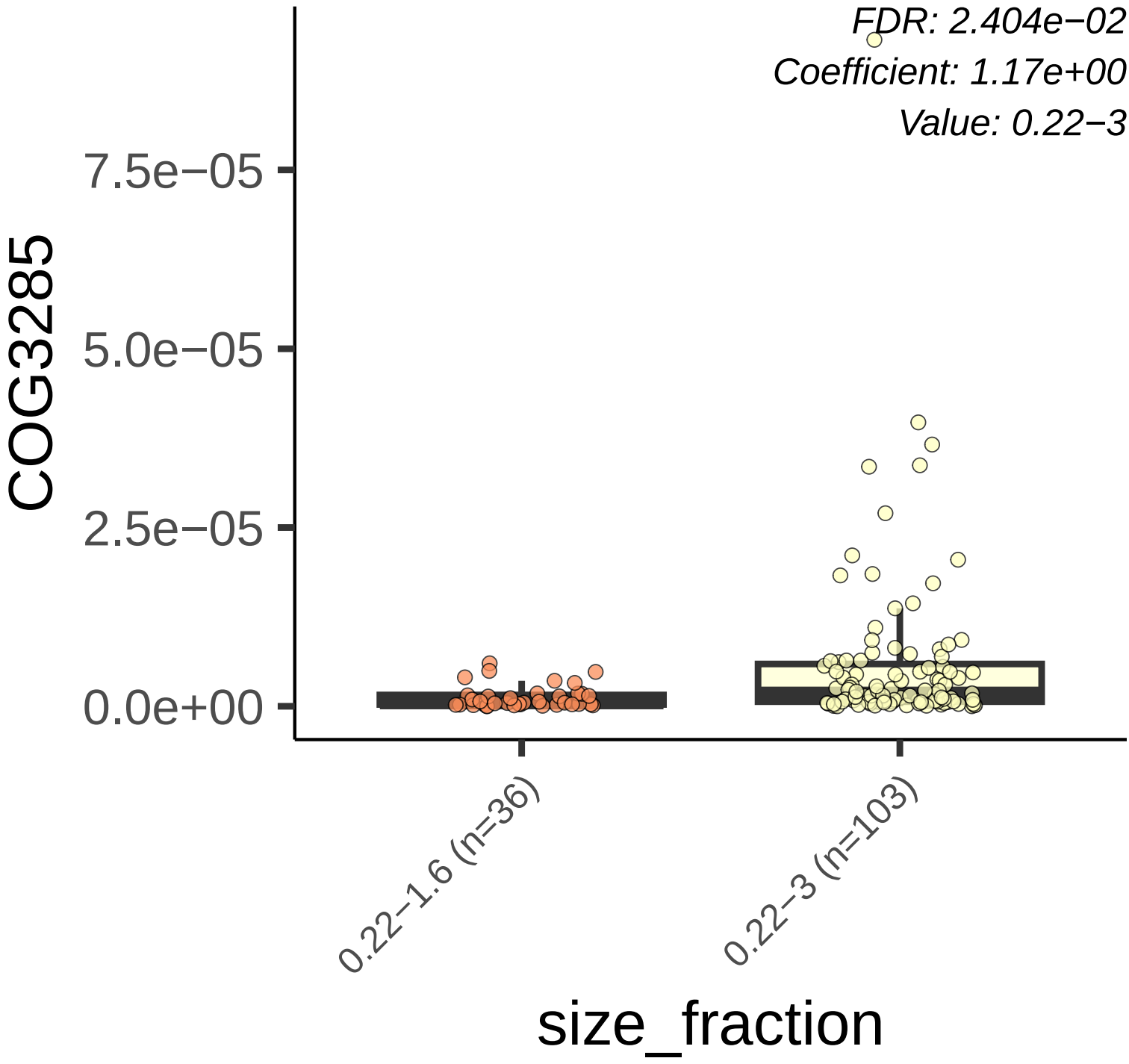

FDR: 2.357e−02
Coefficient: 1.05e+00
Value: 0.22−3
COG4860
1e−05
5e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

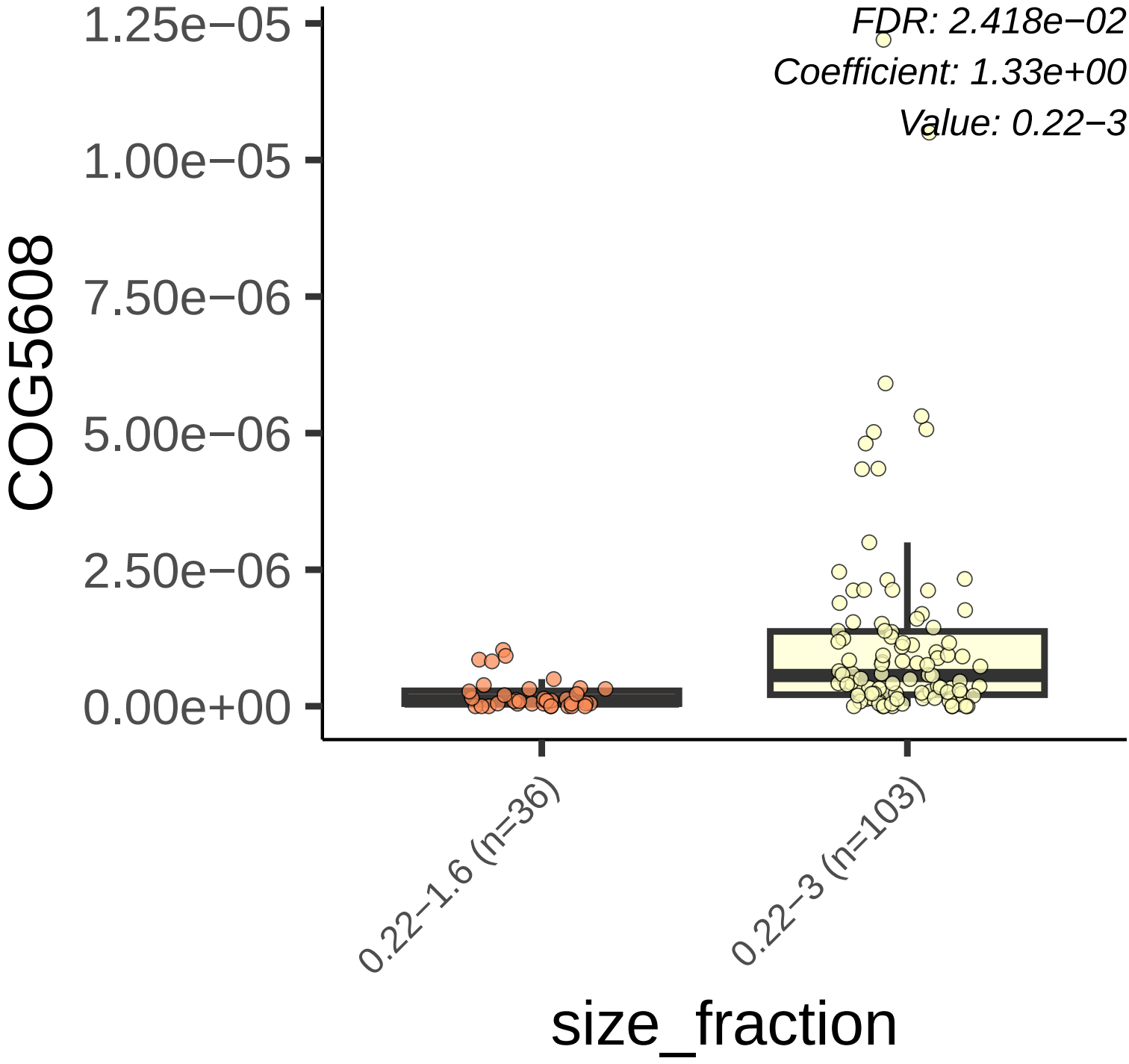

FDR: 2.363e−02
Coefficient: 1.10e+00
Value: 0.22−3
COG2323
8e−05
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

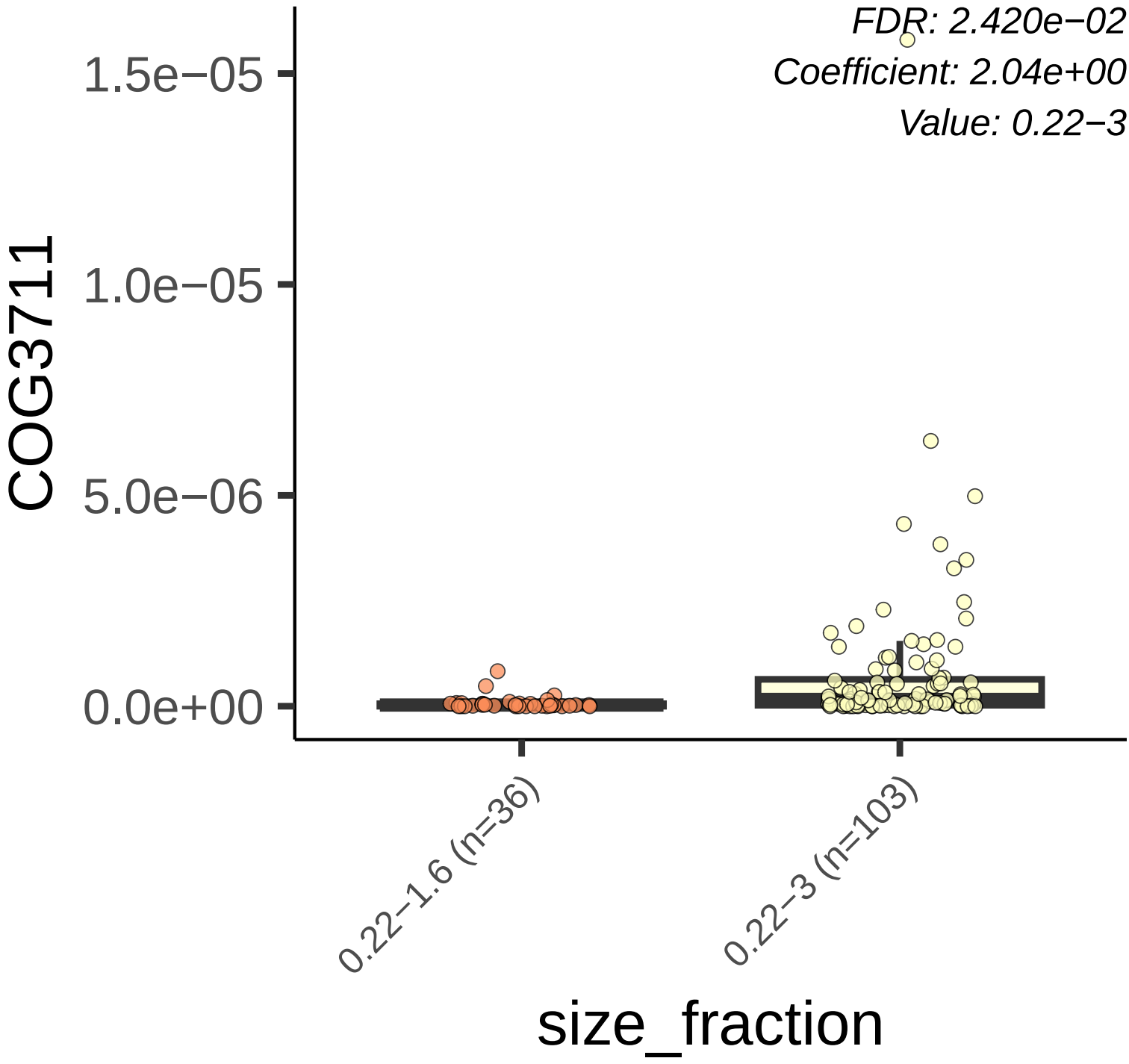

FDR: 2.381e−02
Coefficient: 1.99e+00
Value: 0.22−3
COG4743
4e−06
3e−06
2e−06
1e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

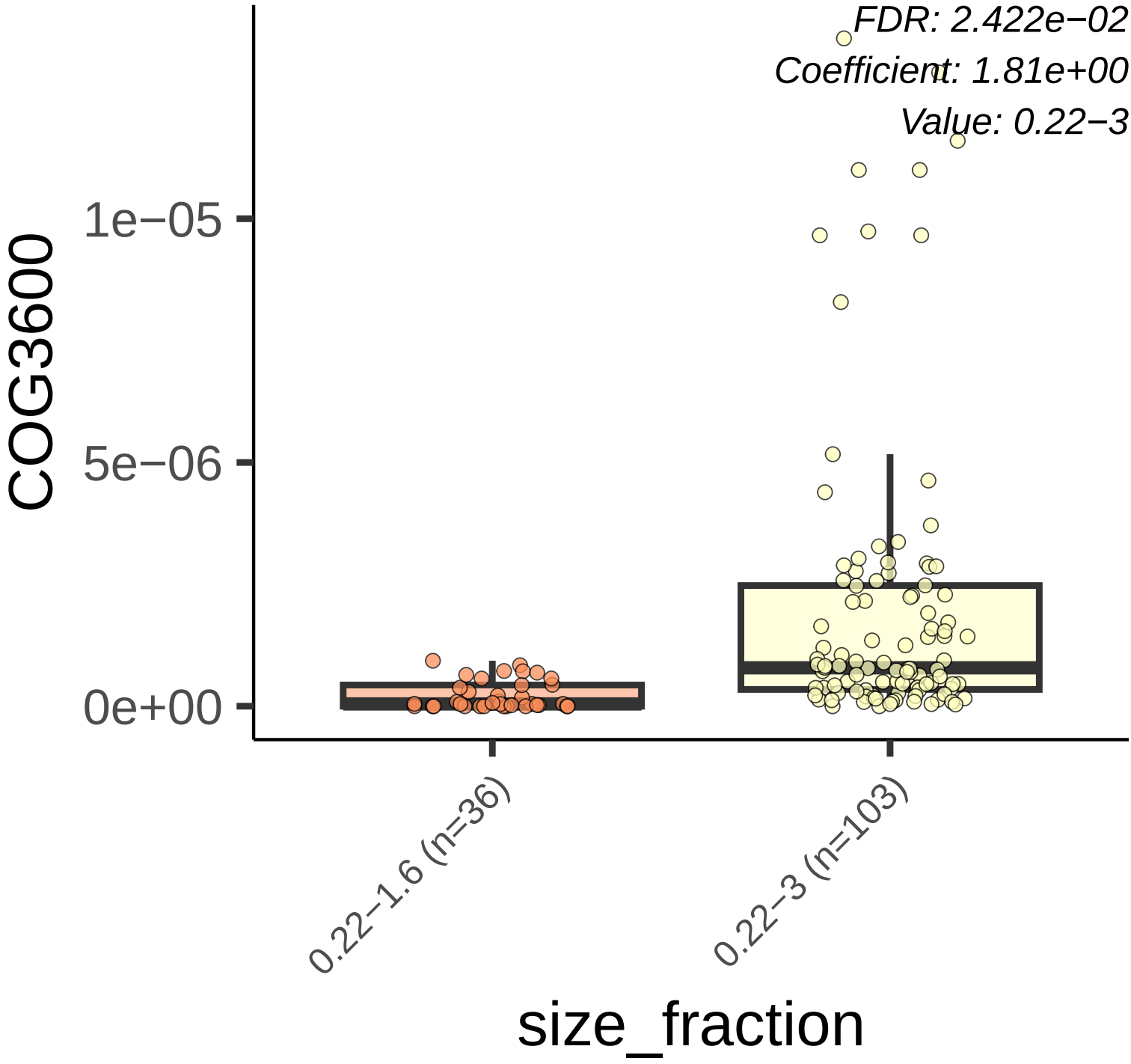

FDR: 2.383e−02
Coefficient: −3.46e−01
Value: 0.22−3
4e−04
3e−04
2e−04
1e−04
COG5265
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

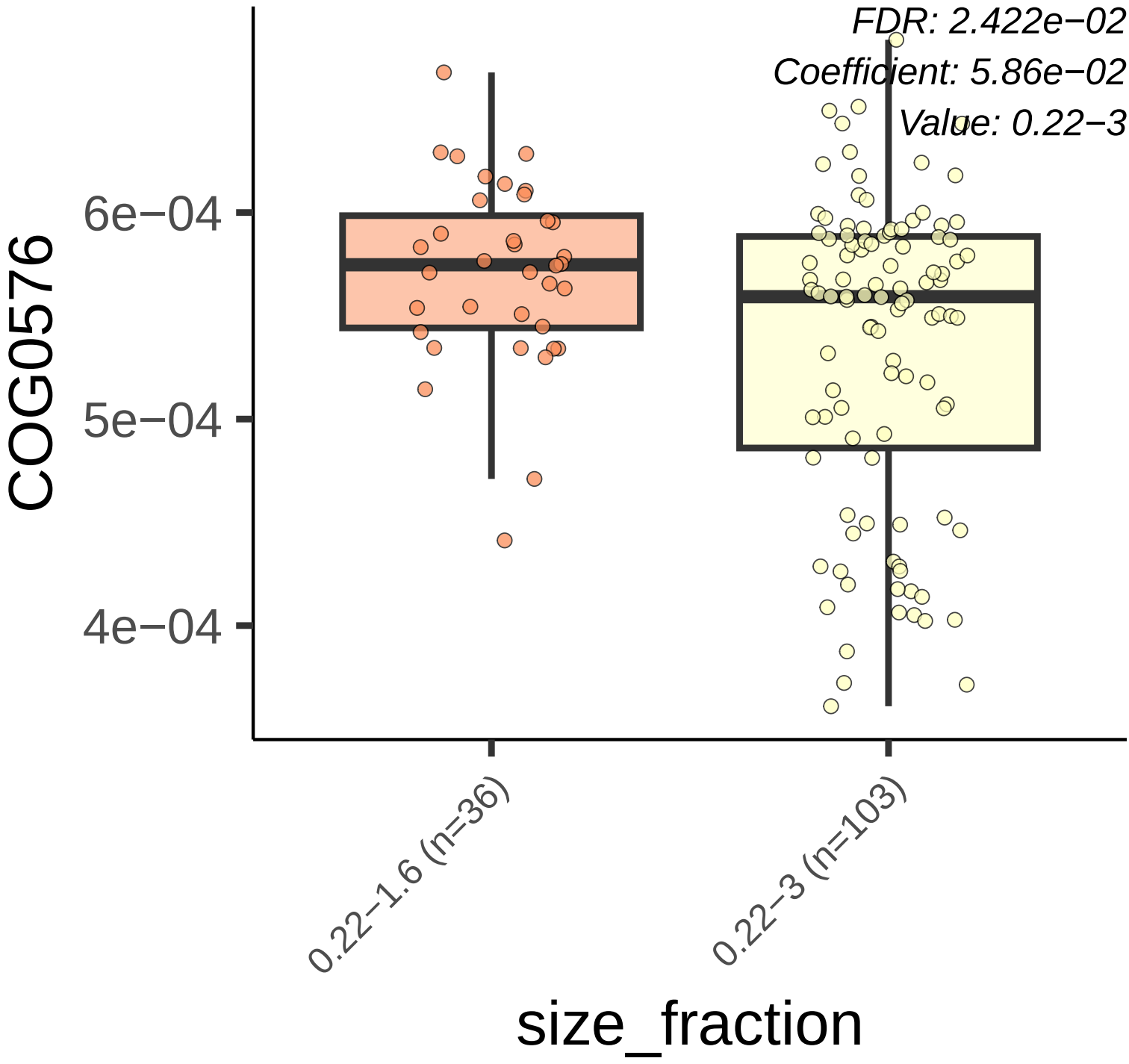

FDR: 2.390e−02
Coefficient: 1.09e−01
Value: 0.22−3
COG0206
1e−03
9e−04
8e−04
7e−04
6e−04
5e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

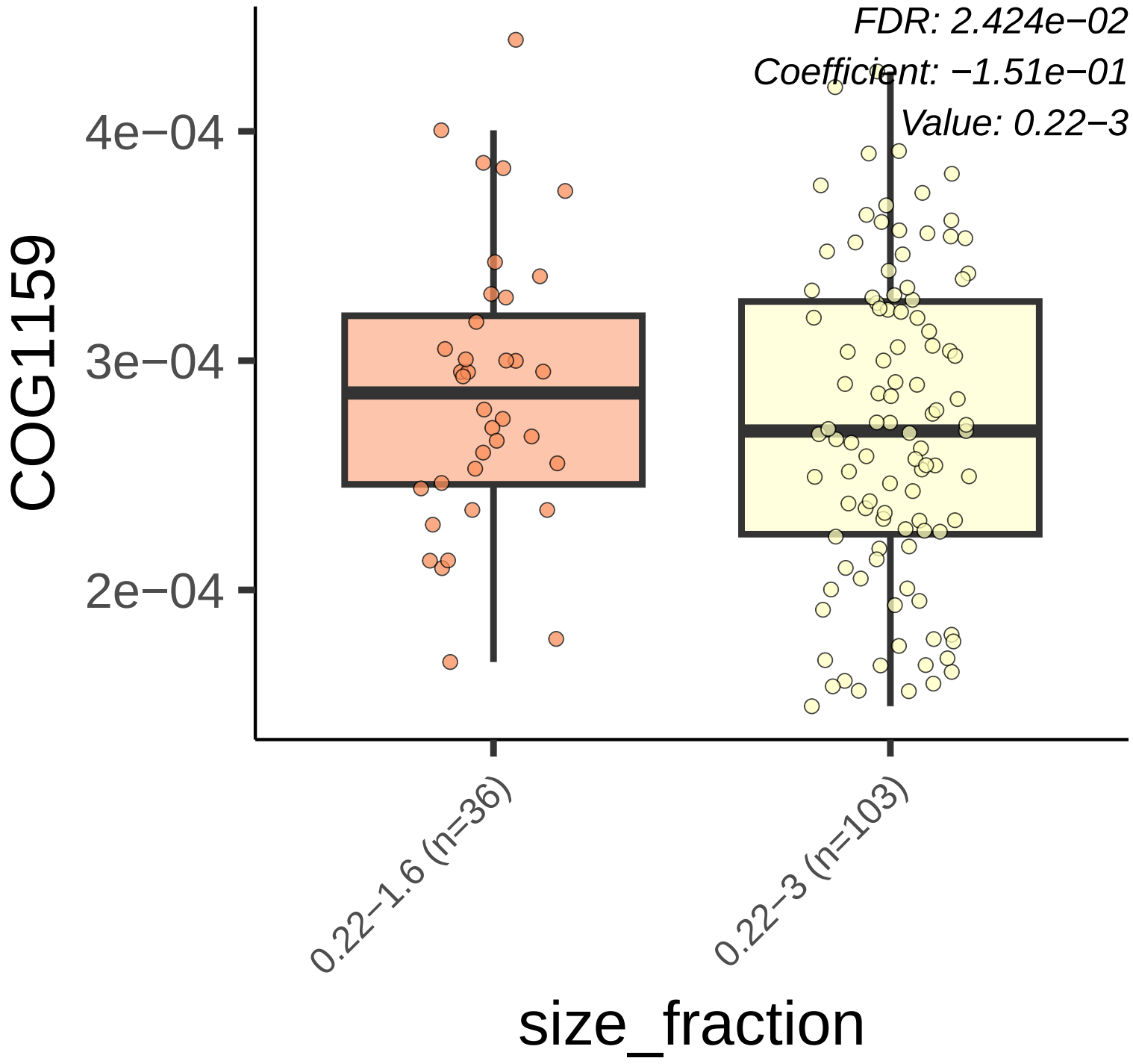

FDR: 2.404e−02
Coefficient: 1.17e+00
Value: 0.22−3
COG3285
7.5e−05
5.0e−05
2.5e−05
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

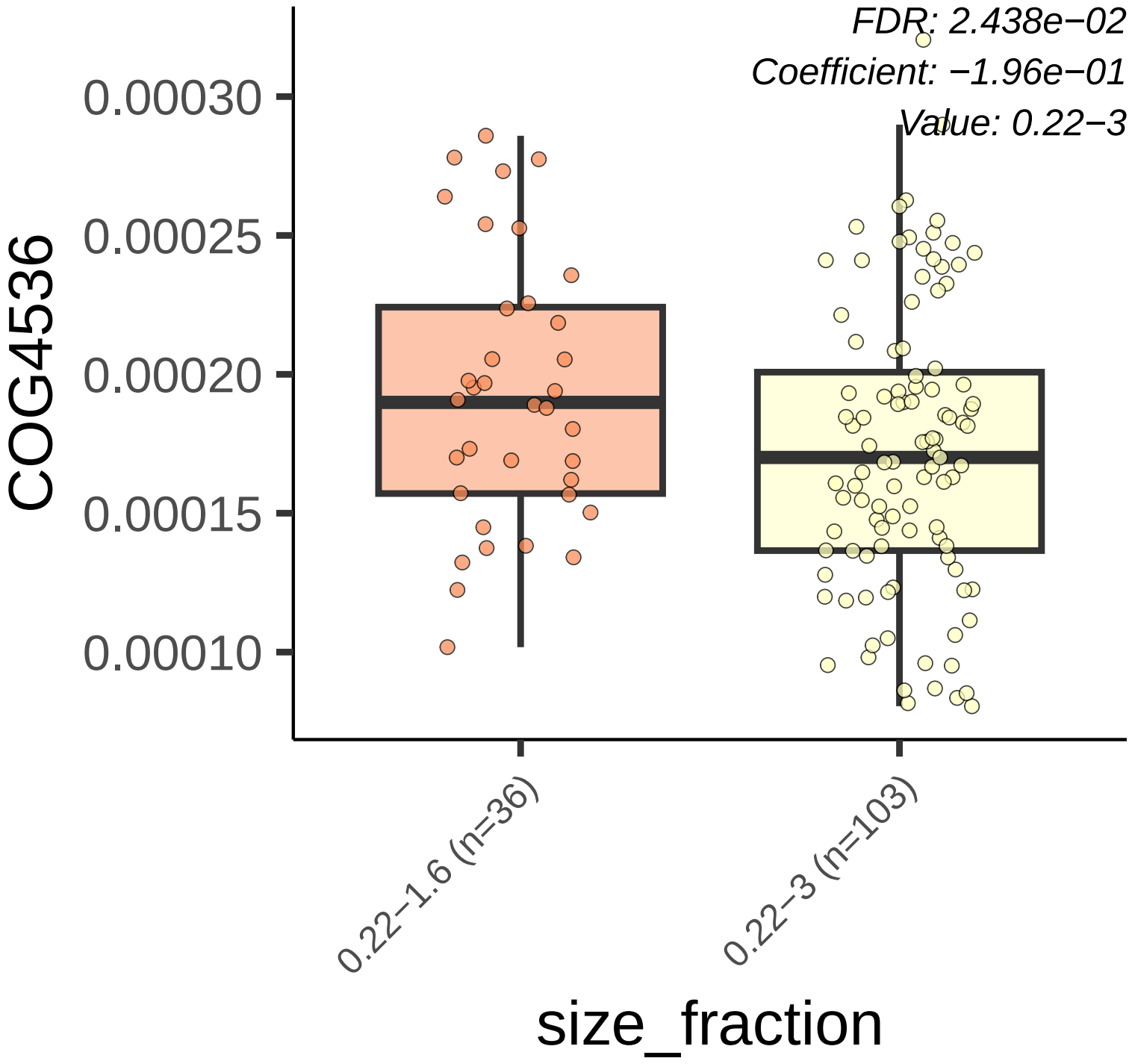

FDR: 2.418e−02
Coefficient: 1.33e+00
Value: 0.22−3
COG5608
1.25e−05
1.00e−05
7.50e−06
5.00e−06
2.50e−06
0.00e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

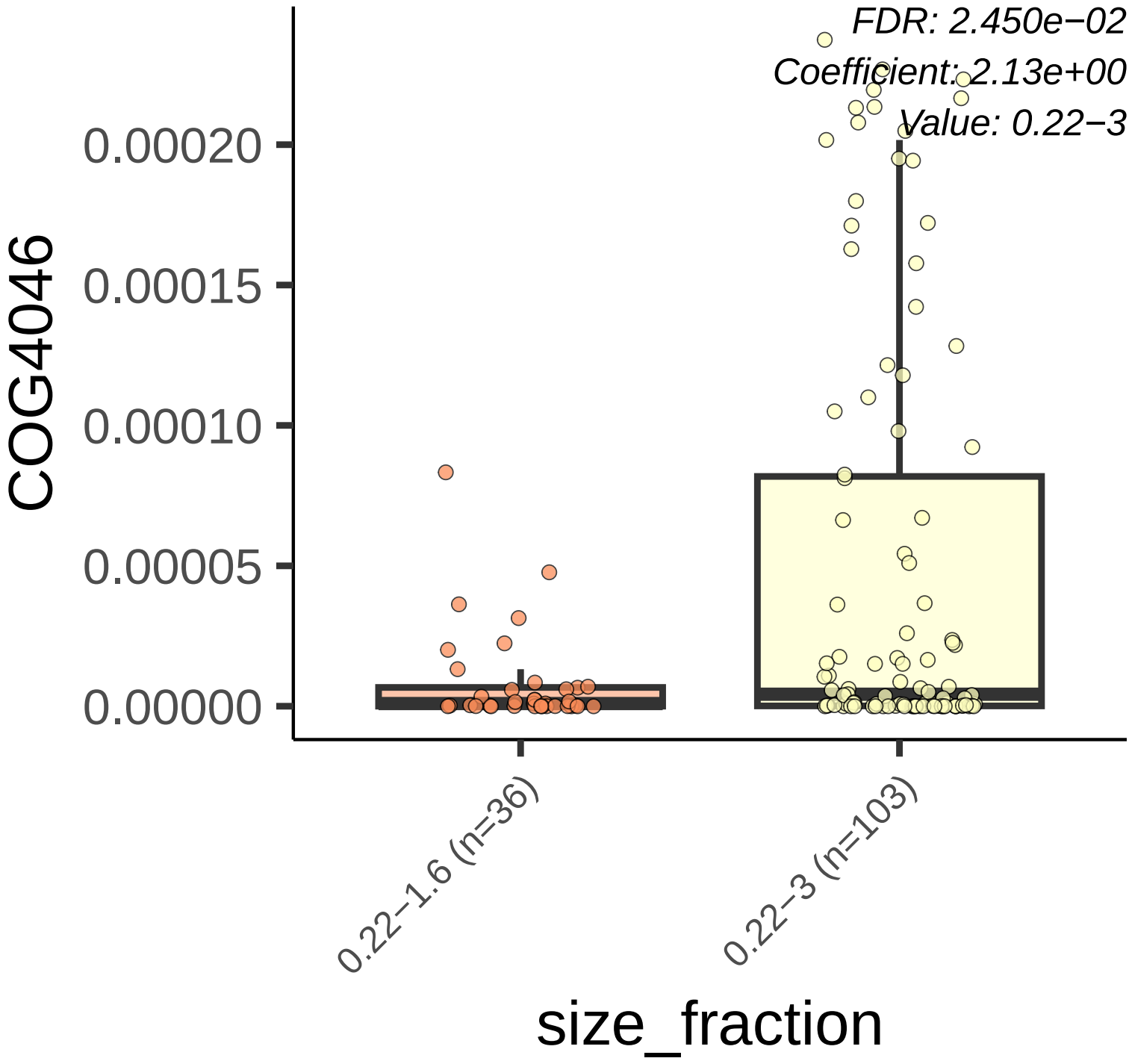

FDR: 2.420e−02
Coefficient: 2.04e+00
Value: 0.22−3
COG3711
1.5e−05
1.0e−05
5.0e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

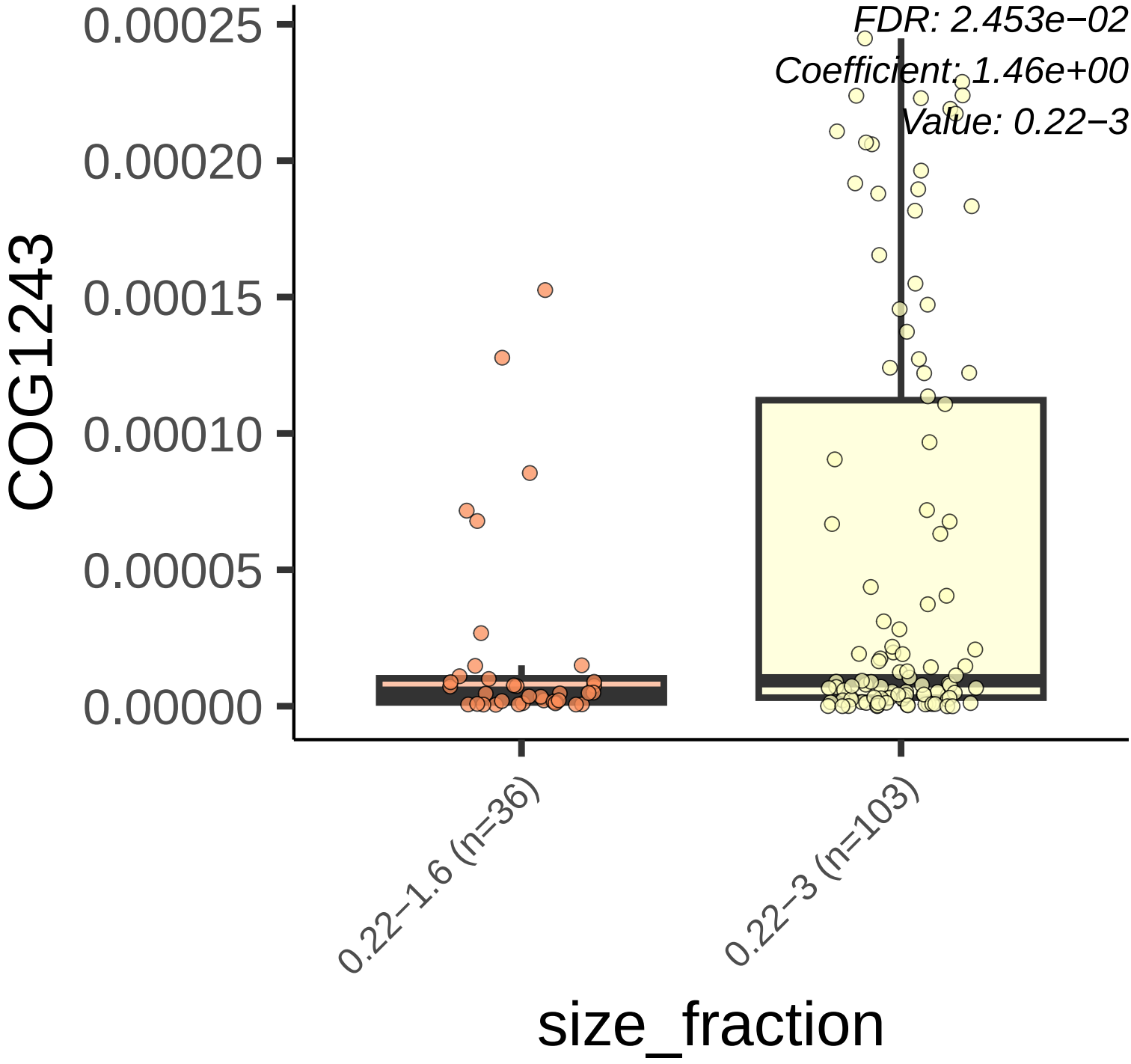

FDR: 2.422e−02
Coefficient: 1.81e+00
Value: 0.22−3
COG3600
1e−05
5e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

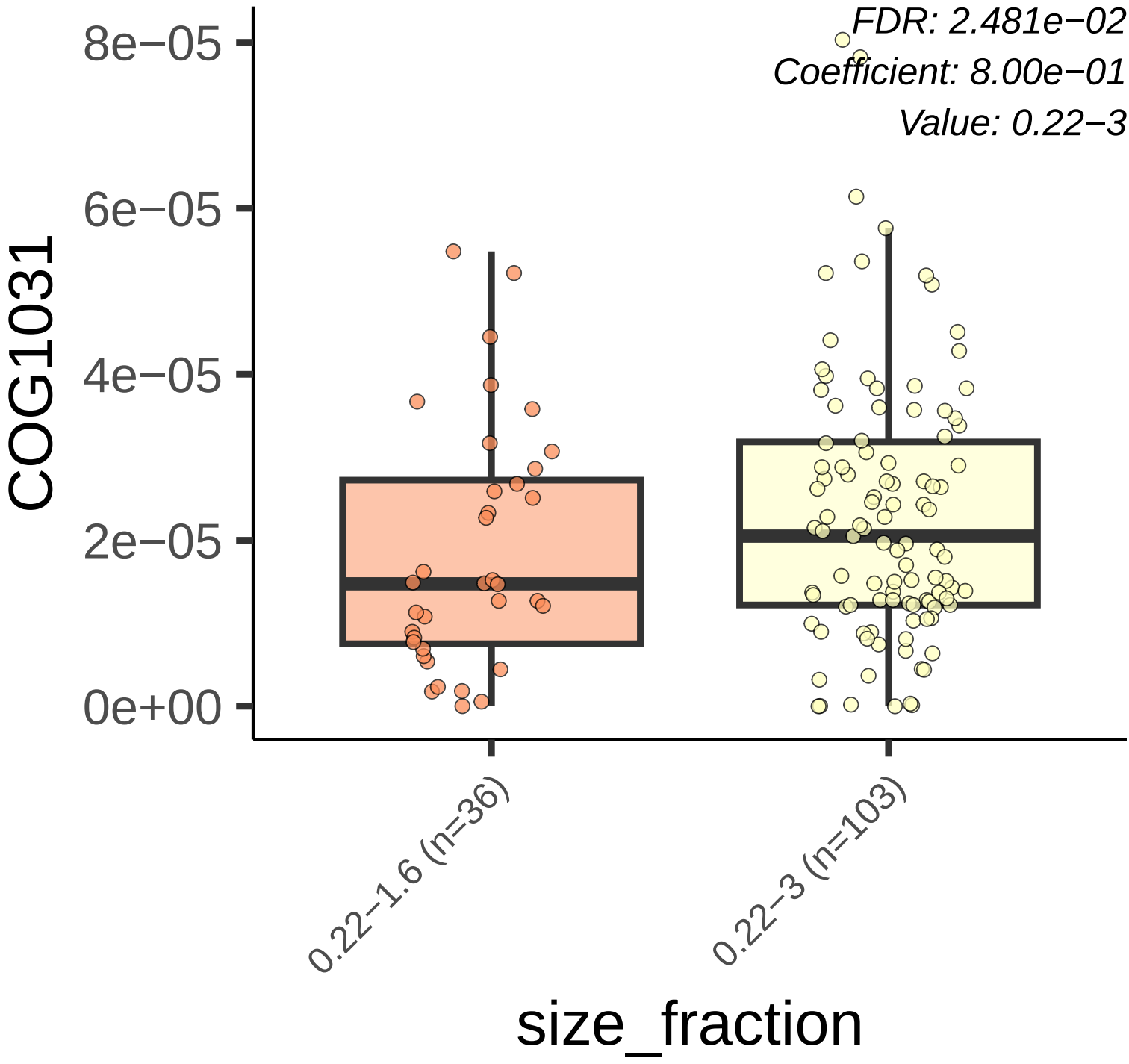

FDR: 2.422e−02
Coefficient: 5.86e−02
Value: 0.22−3
COG0576
6e−04
5e−04
4e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 2.424e−02
Coefficient: −1.51e−01
Value: 0.22−3
COG1159
4e−04
3e−04
2e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 2.438e−02
Coefficient: −1.96e−01
Value: 0.22−3
COG4536
0.00030
0.00025
0.00020
0.00015
0.00010
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 2.450e−02
Coefficient: 2.13e+00
Value: 0.22−3
COG4046
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 2.453e−02
Coefficient: 1.46e+00
Value: 0.22−3
COG1243
0.00025
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction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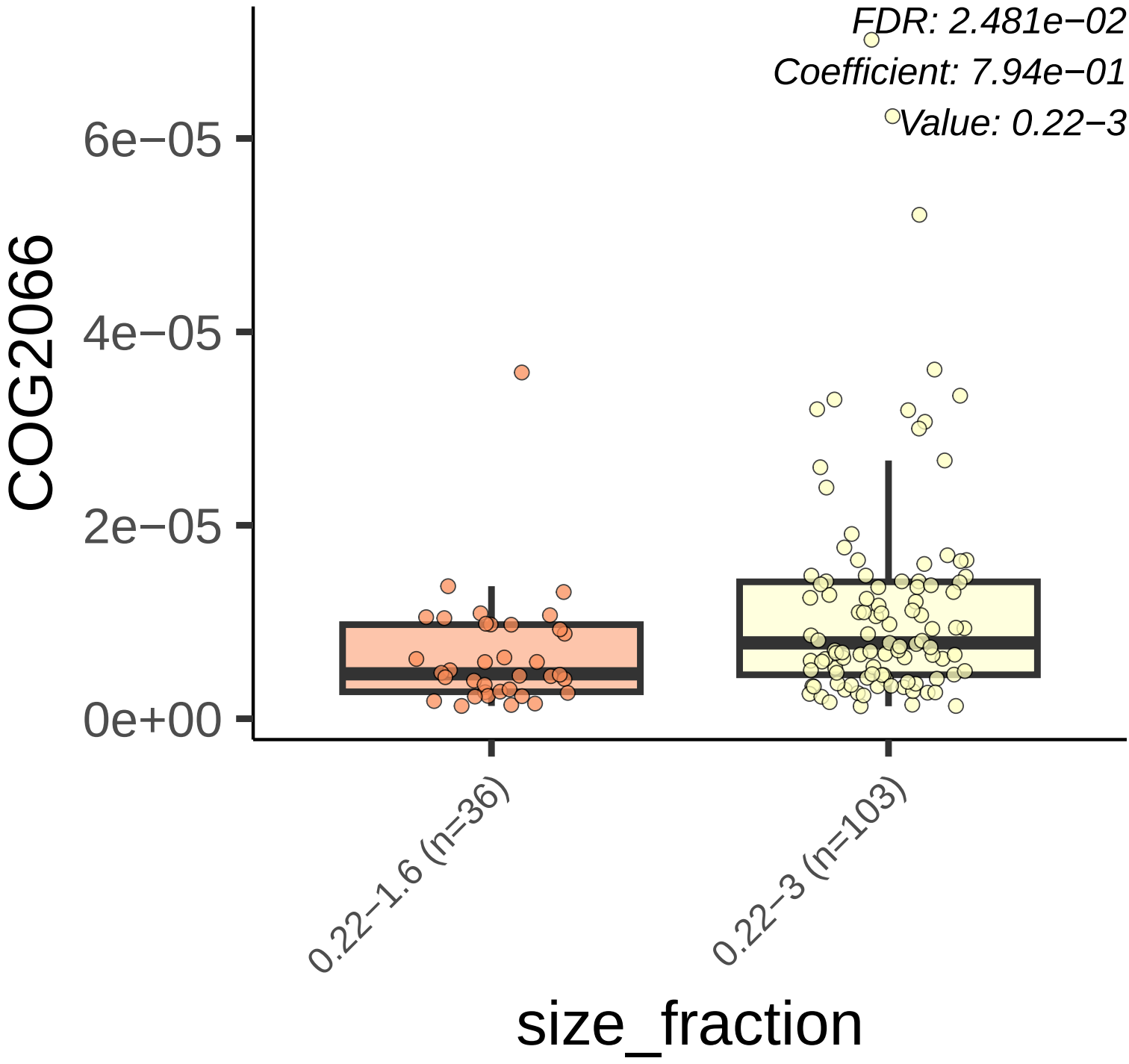
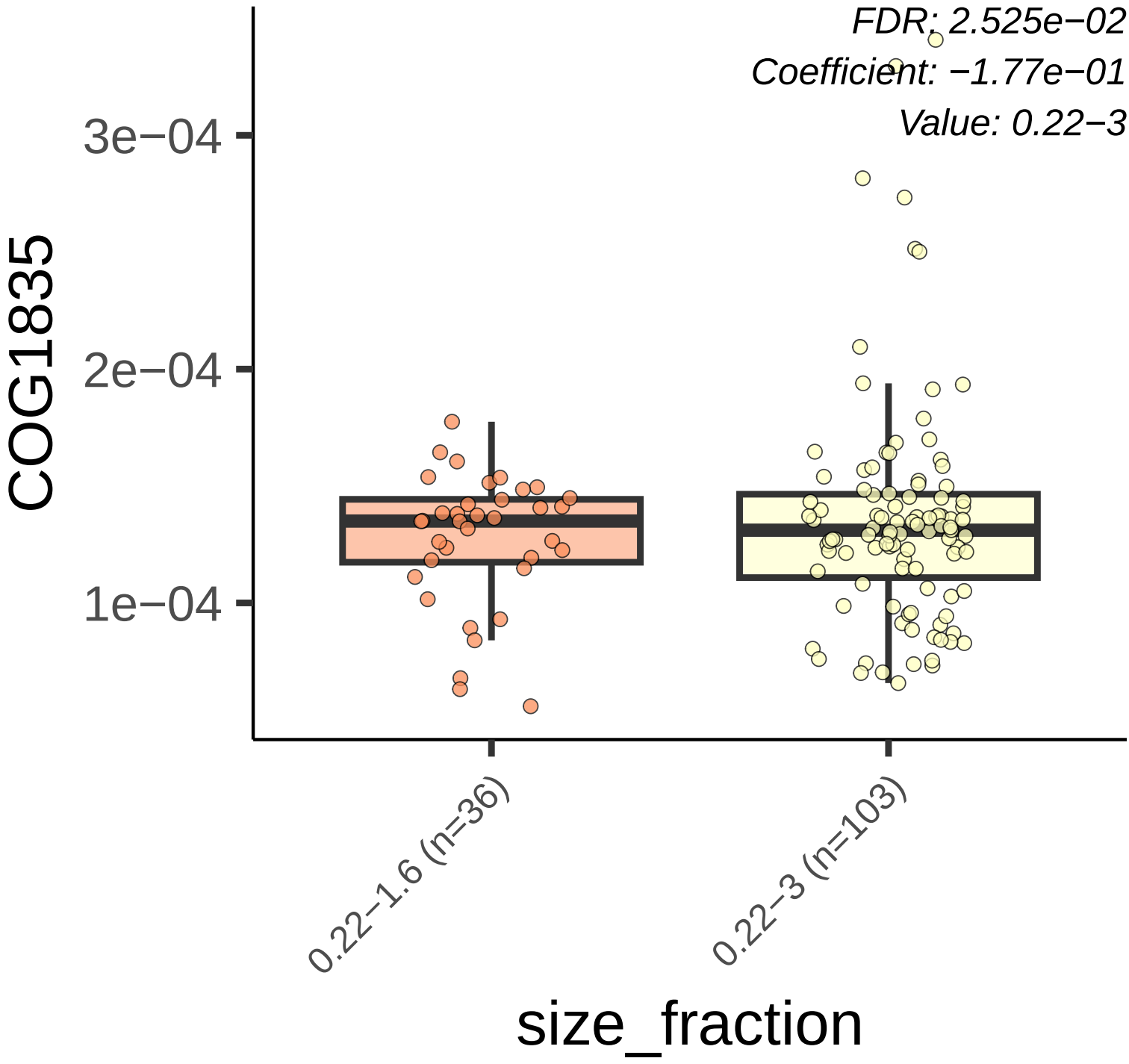
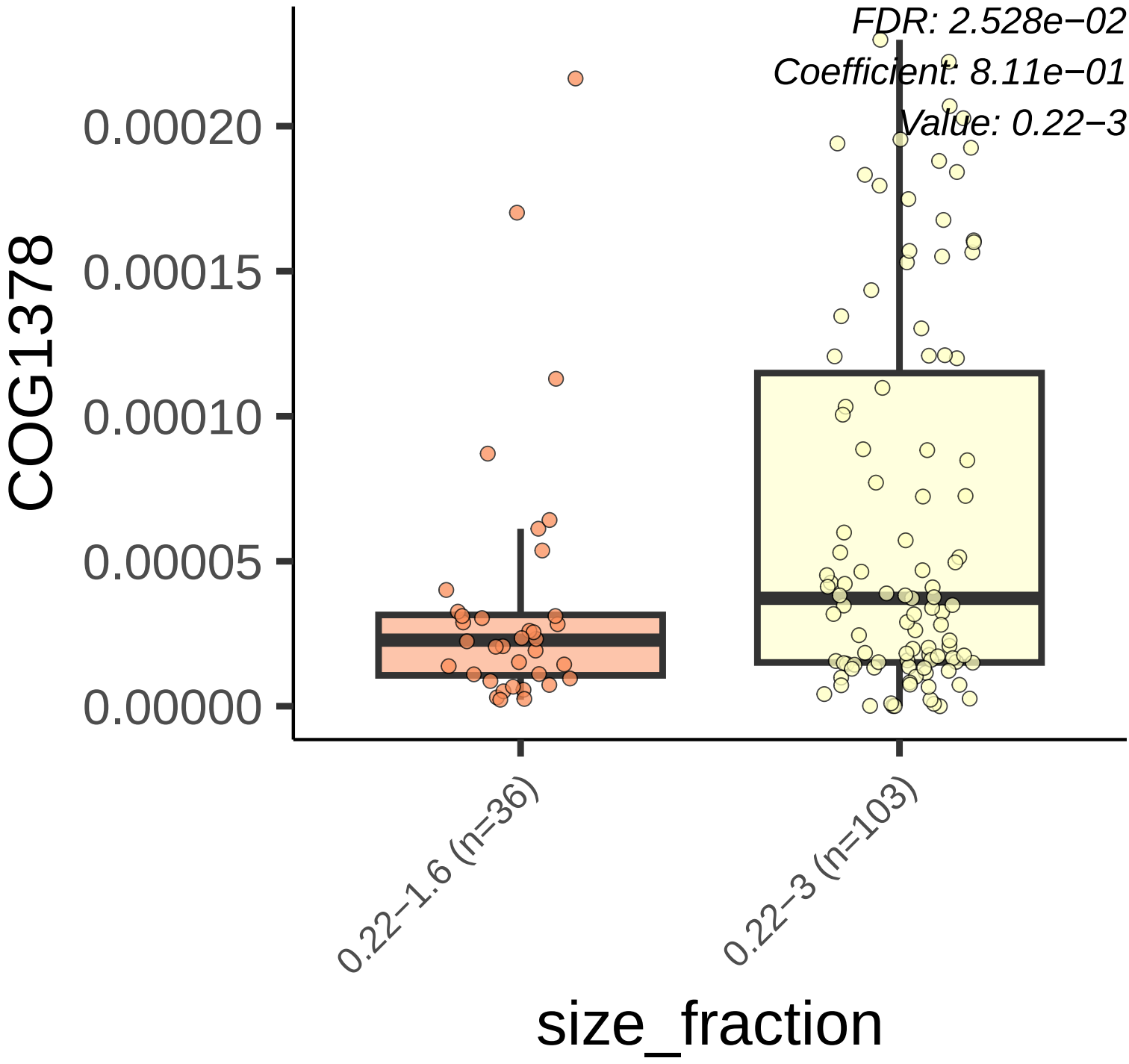
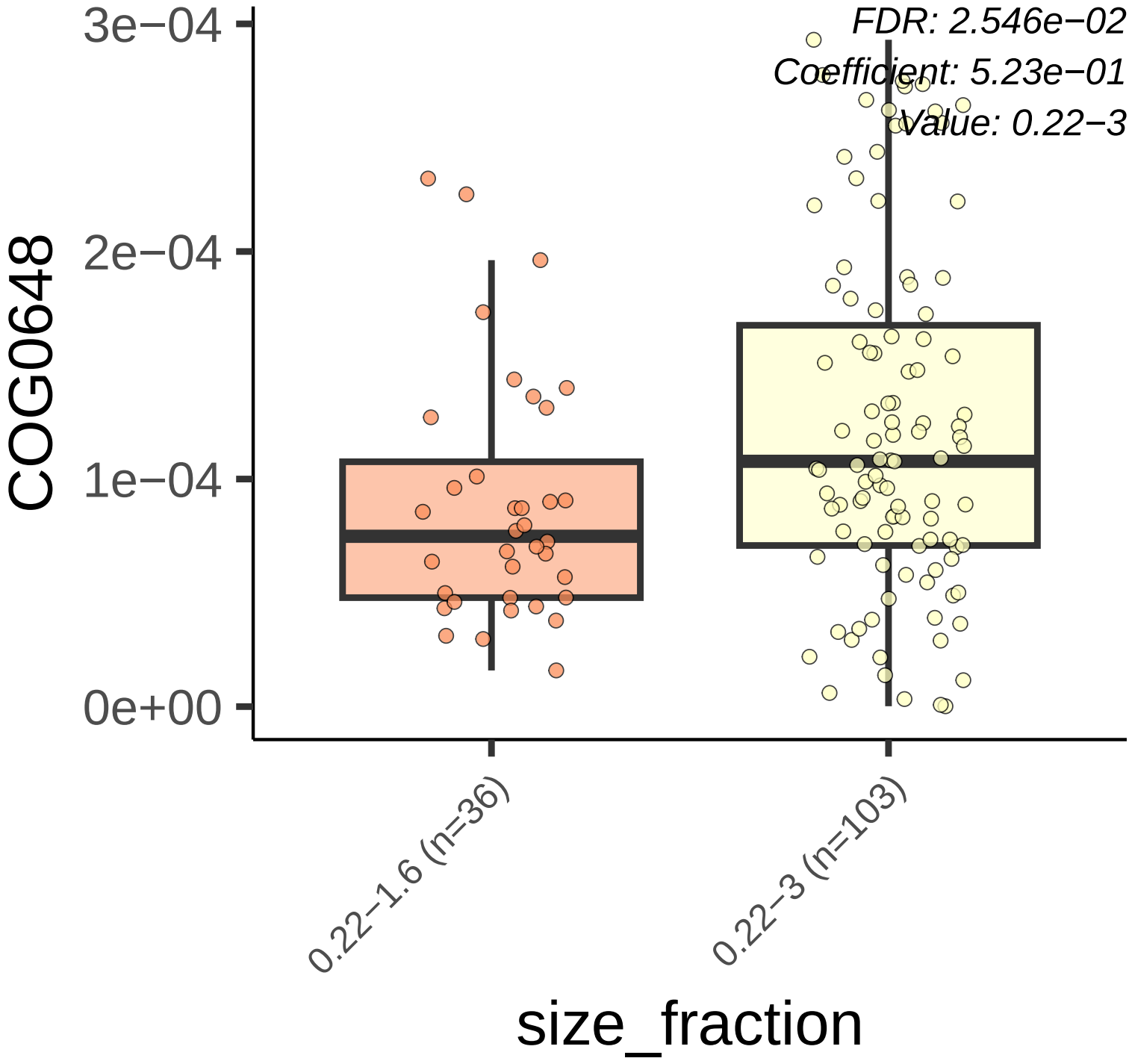
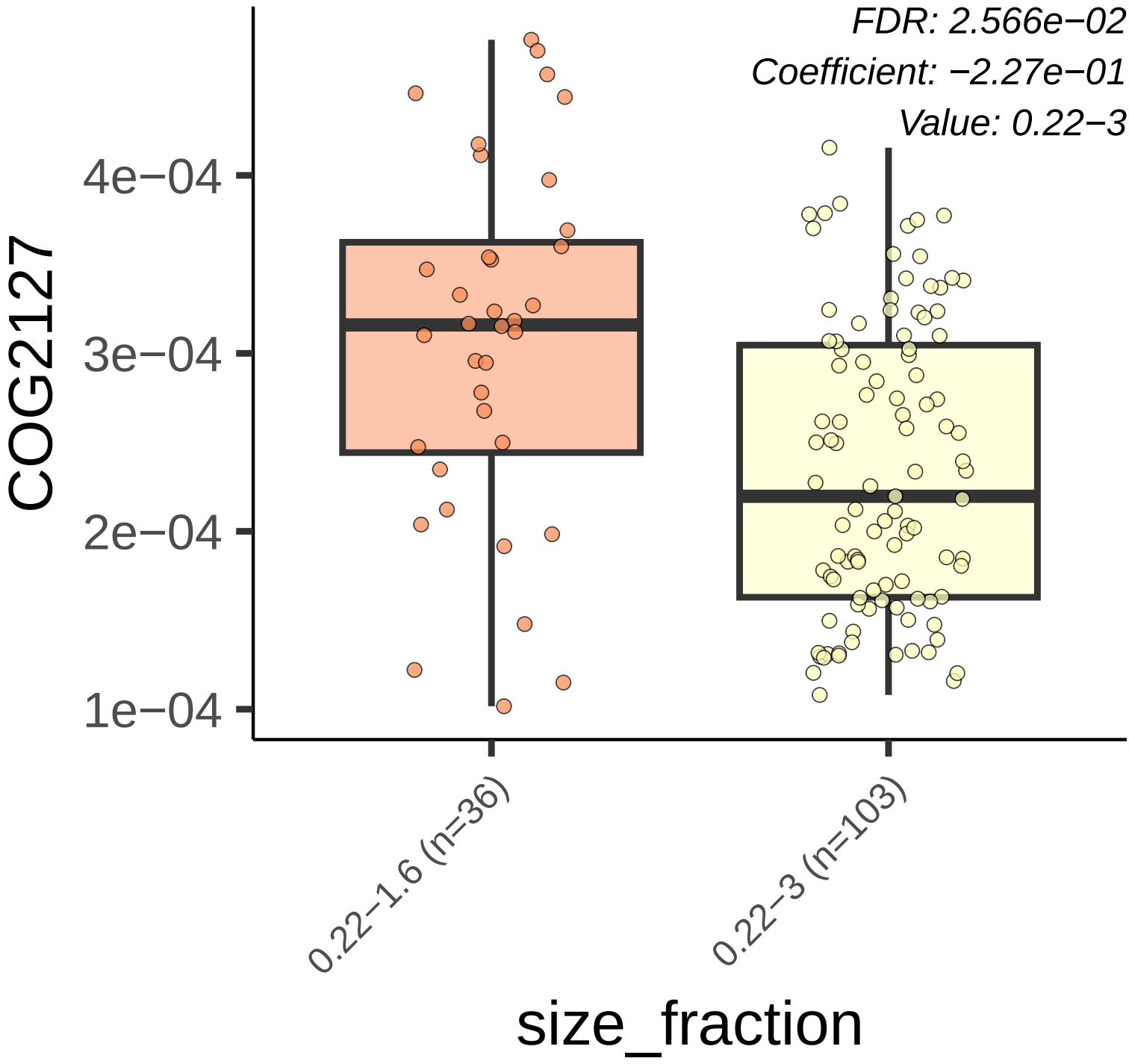
Coefficient: 8.00e−01
Value: 0.22−3
8e−05
6e−05
4e−05
2e−05
0e+00
COG1031
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

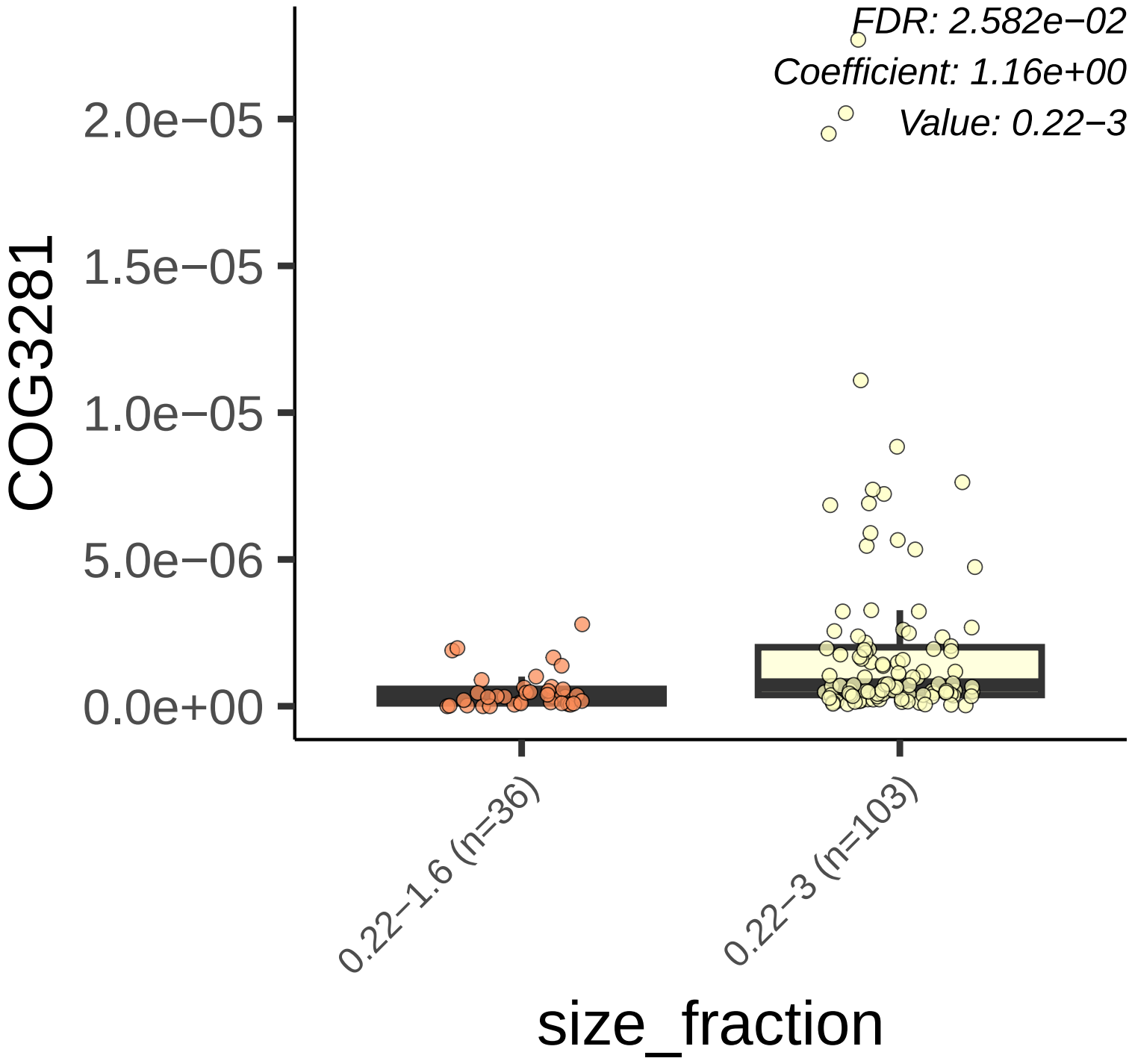

FDR: 2.481e−02
Coefficient: 7.94e−01
Value: 0.22−3
COG2066
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

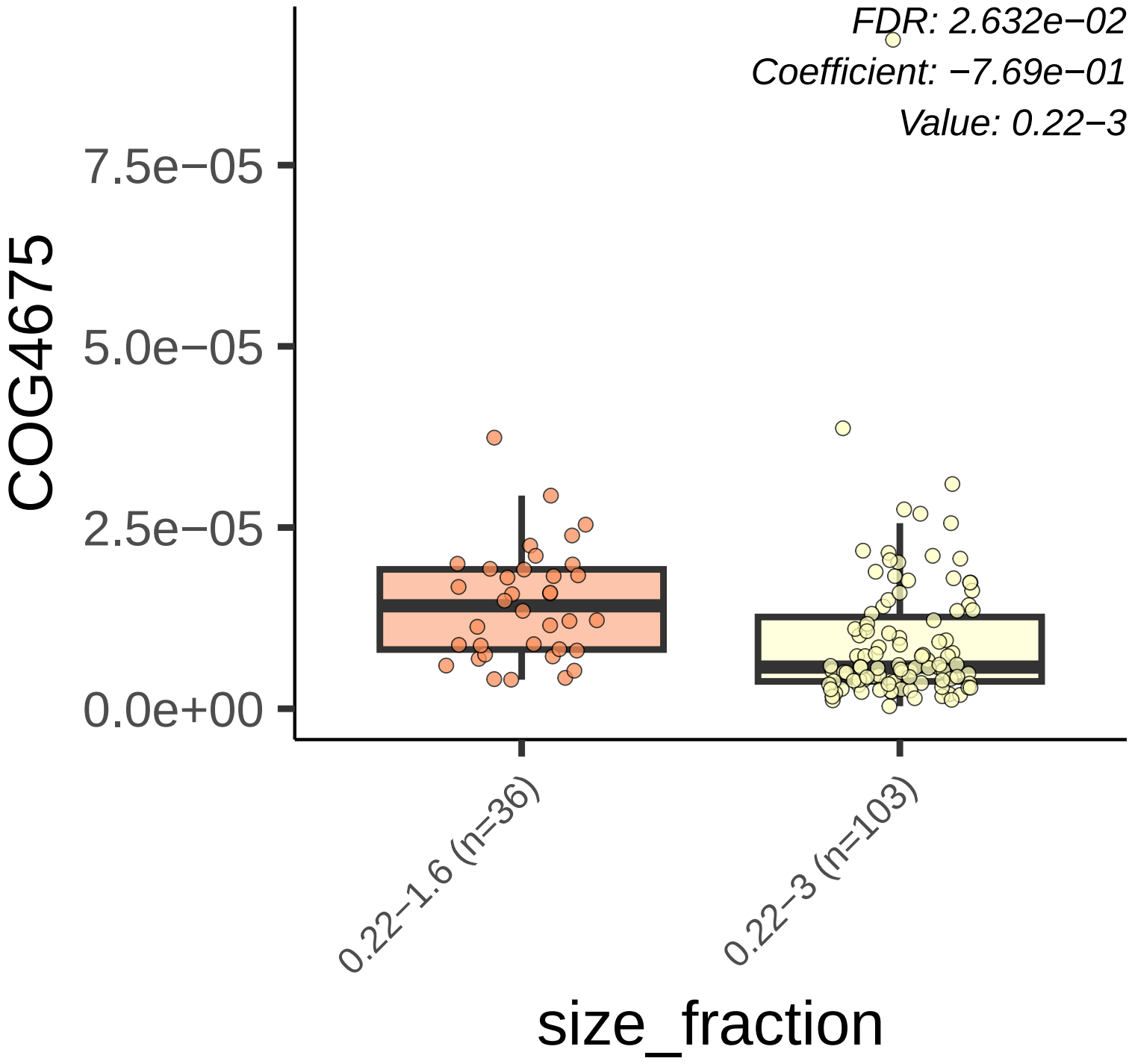

FDR: 2.525e−02
Coefficient: −1.77e−01
Value: 0.22−3
COG1835
3e−04
2e−04
1e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

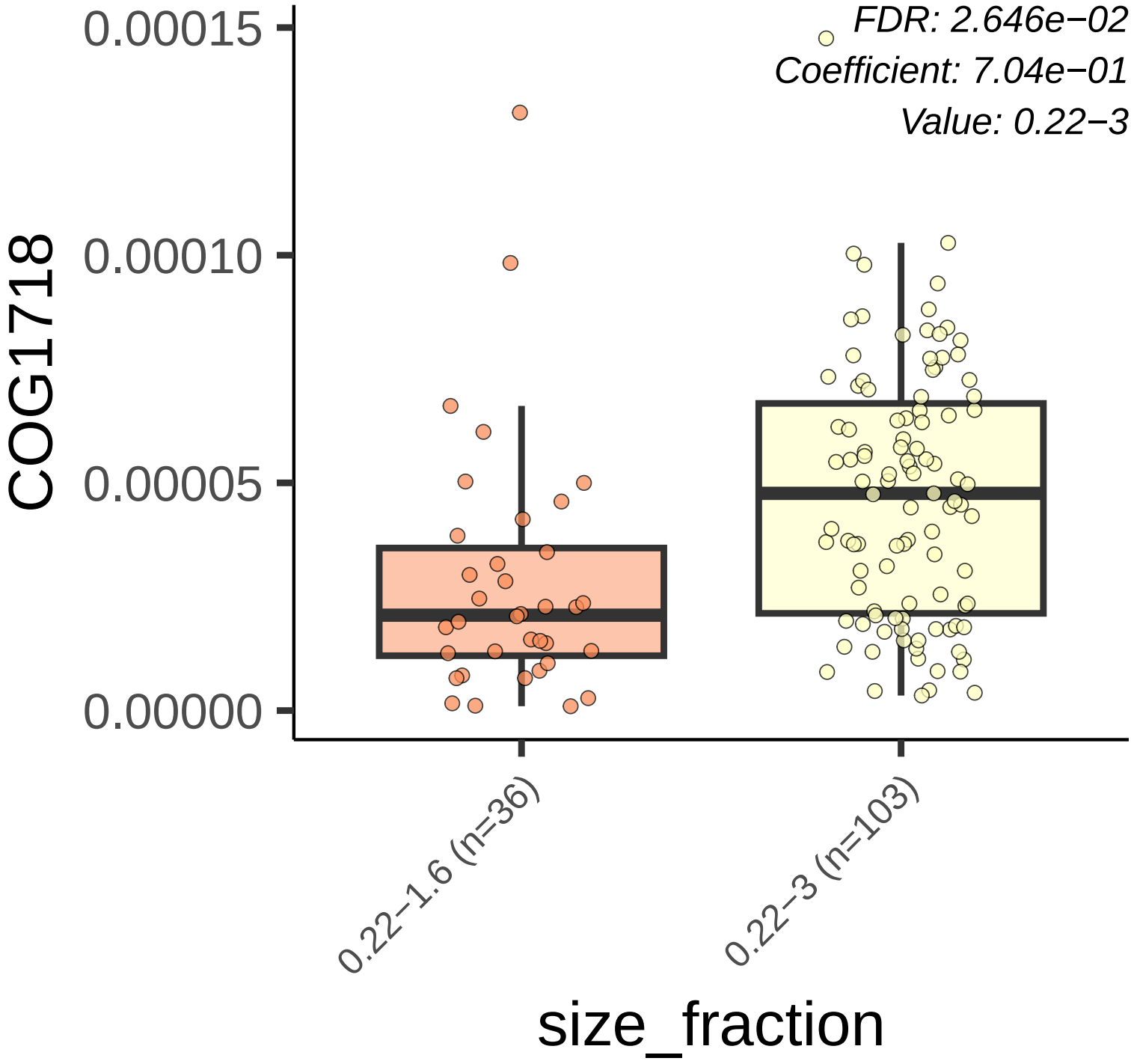

FDR: 2.528e−02
Coefficient: 8.11e−01
Value: 0.22−3
COG1378
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

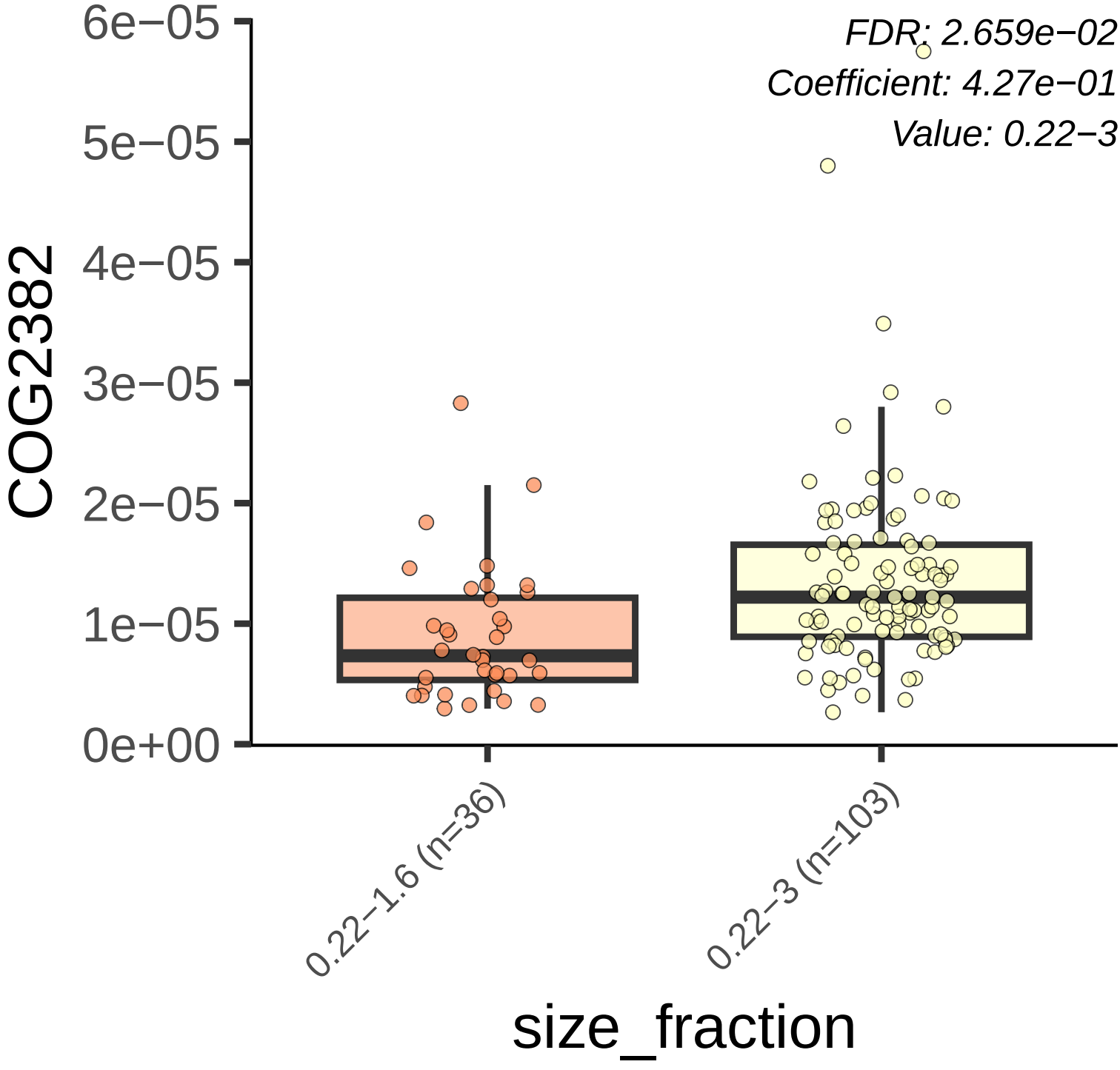

FDR: 2.546e−02
Coefficient: 5.23e−01
Value: 0.22−3
COG0648
3e−04
2e−04
1e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

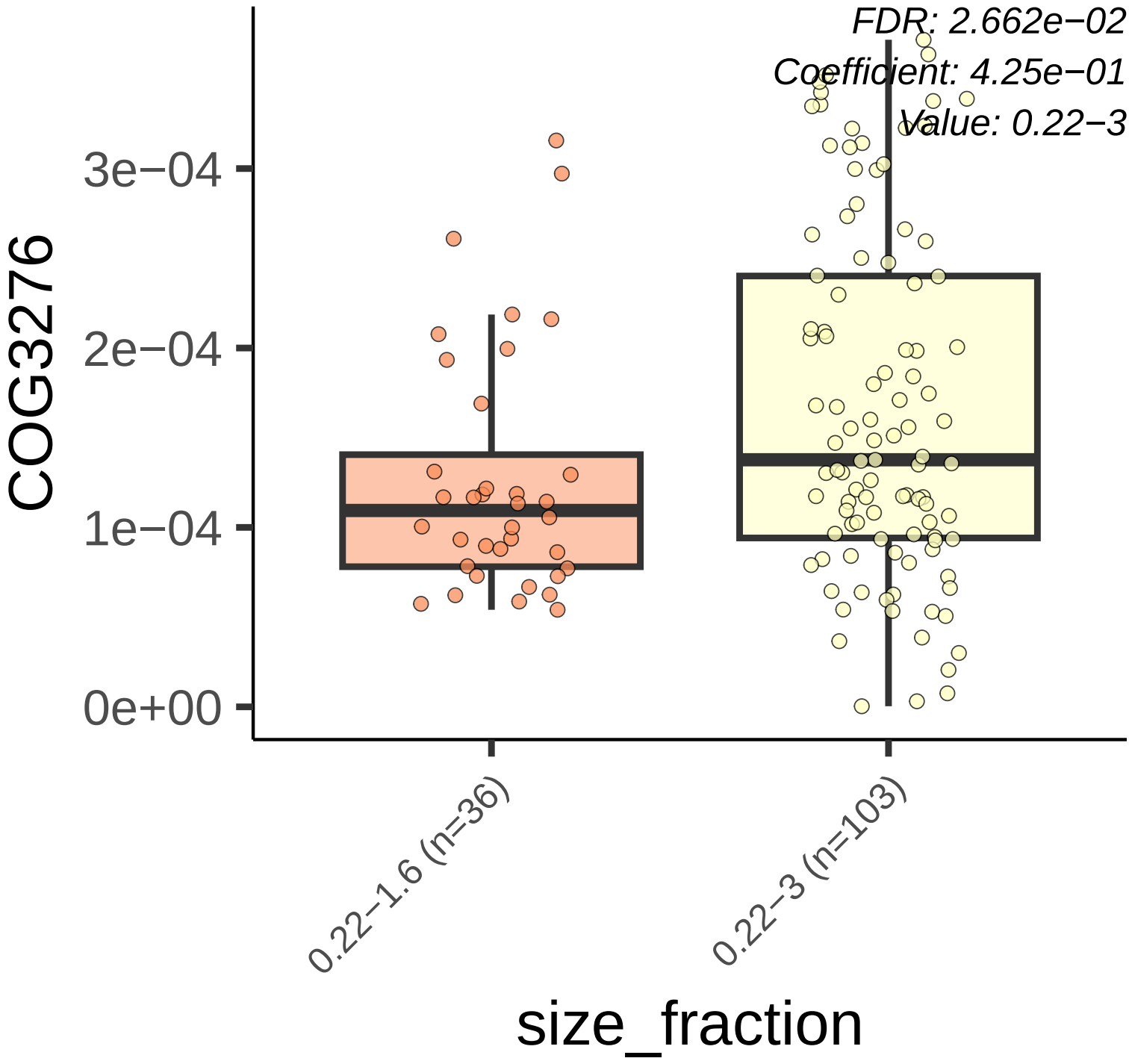

FDR: 2.566e−02
Coefficient: −2.27e−01
Value: 0.22−3
COG2127
4e−04
3e−04
2e−04
1e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

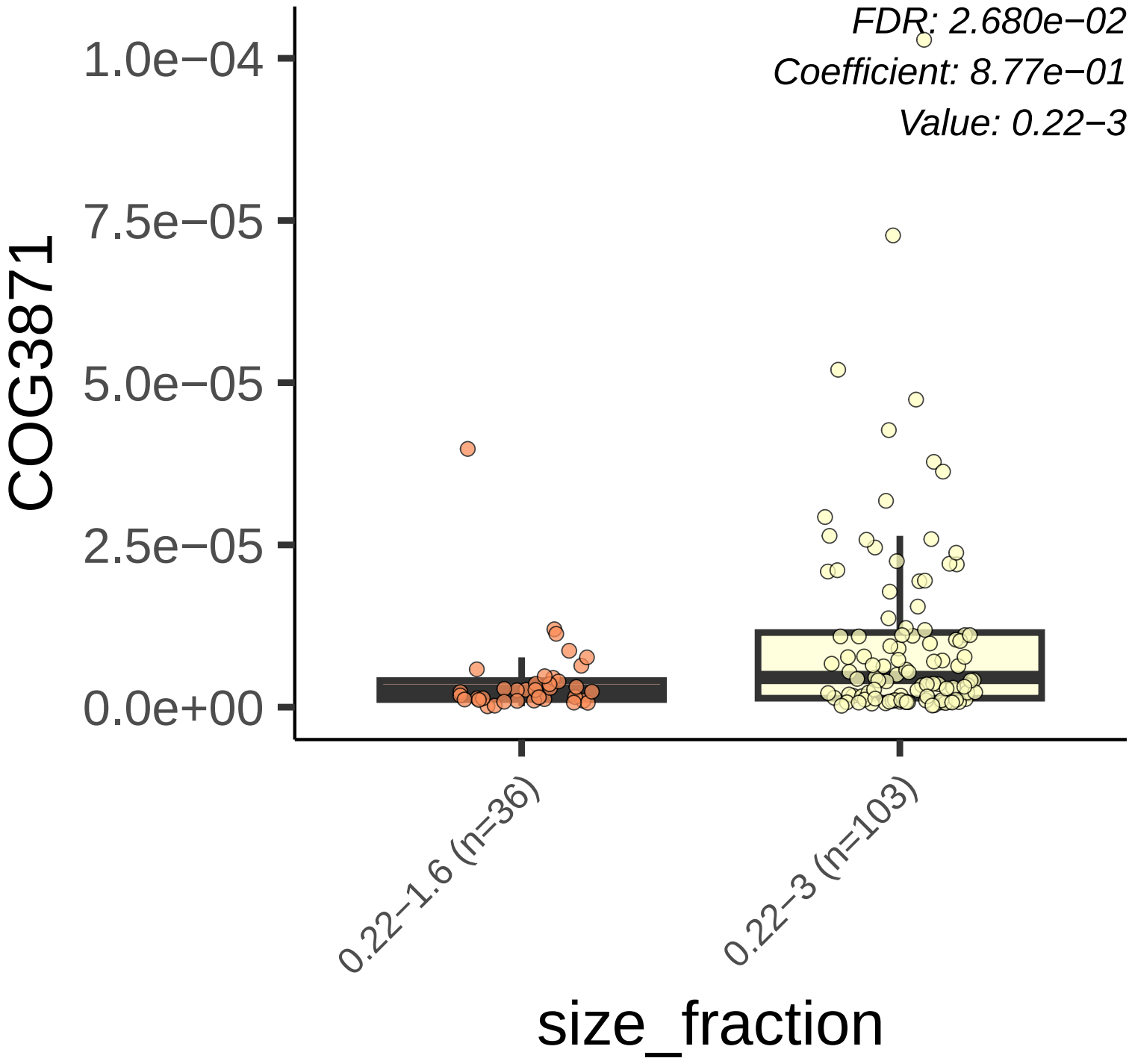

FDR: 2.582e−02
Coefficient: 1.16e+00
Value: 0.22−3
COG3281
2.0e−05
1.5e−05
1.0e−05
5.0e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

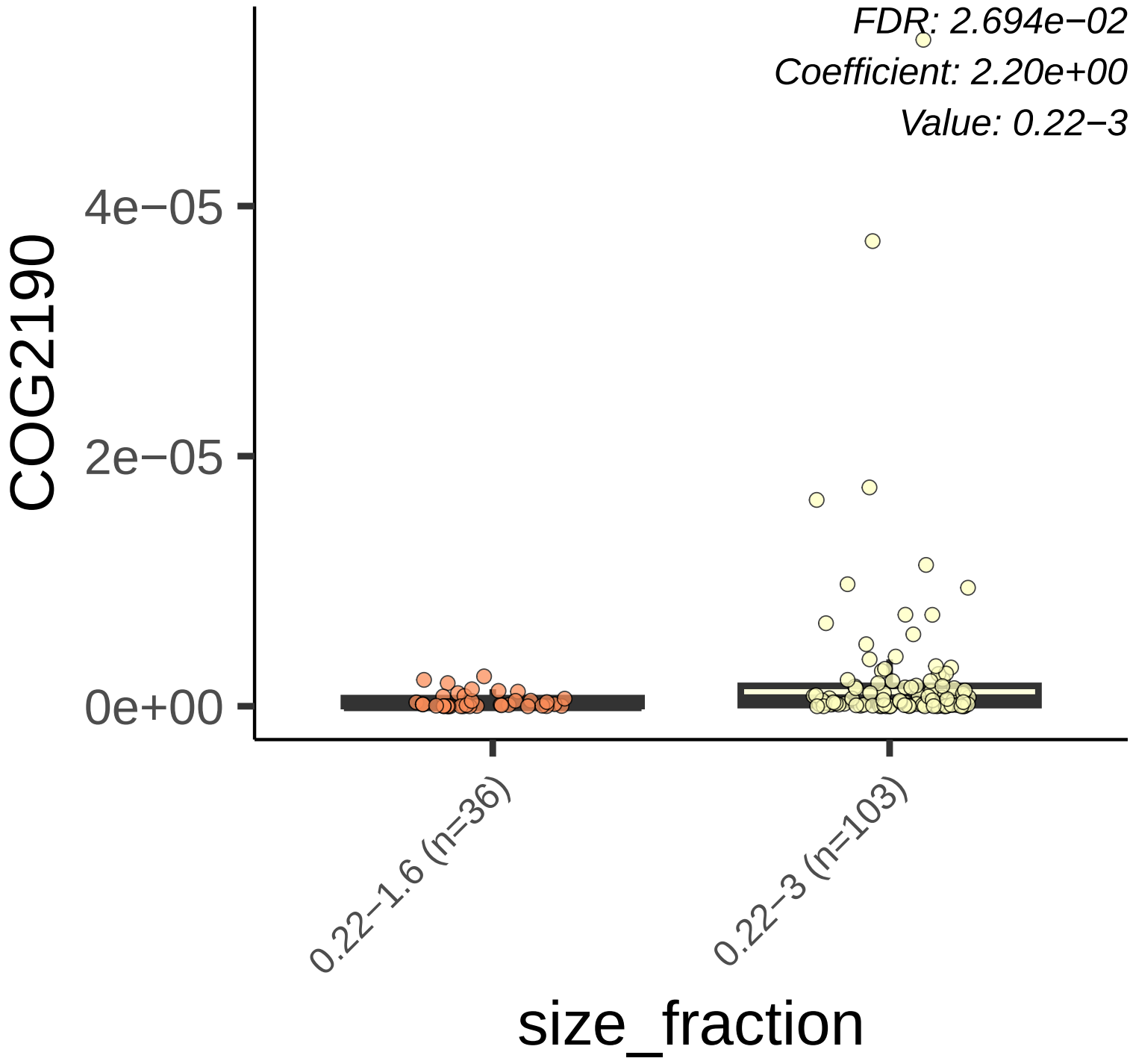

FDR: 2.632e−02
Coefficient: −7.69e−01
Value: 0.22−3
COG4675
7.5e−05
5.0e−05
2.5e−05
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

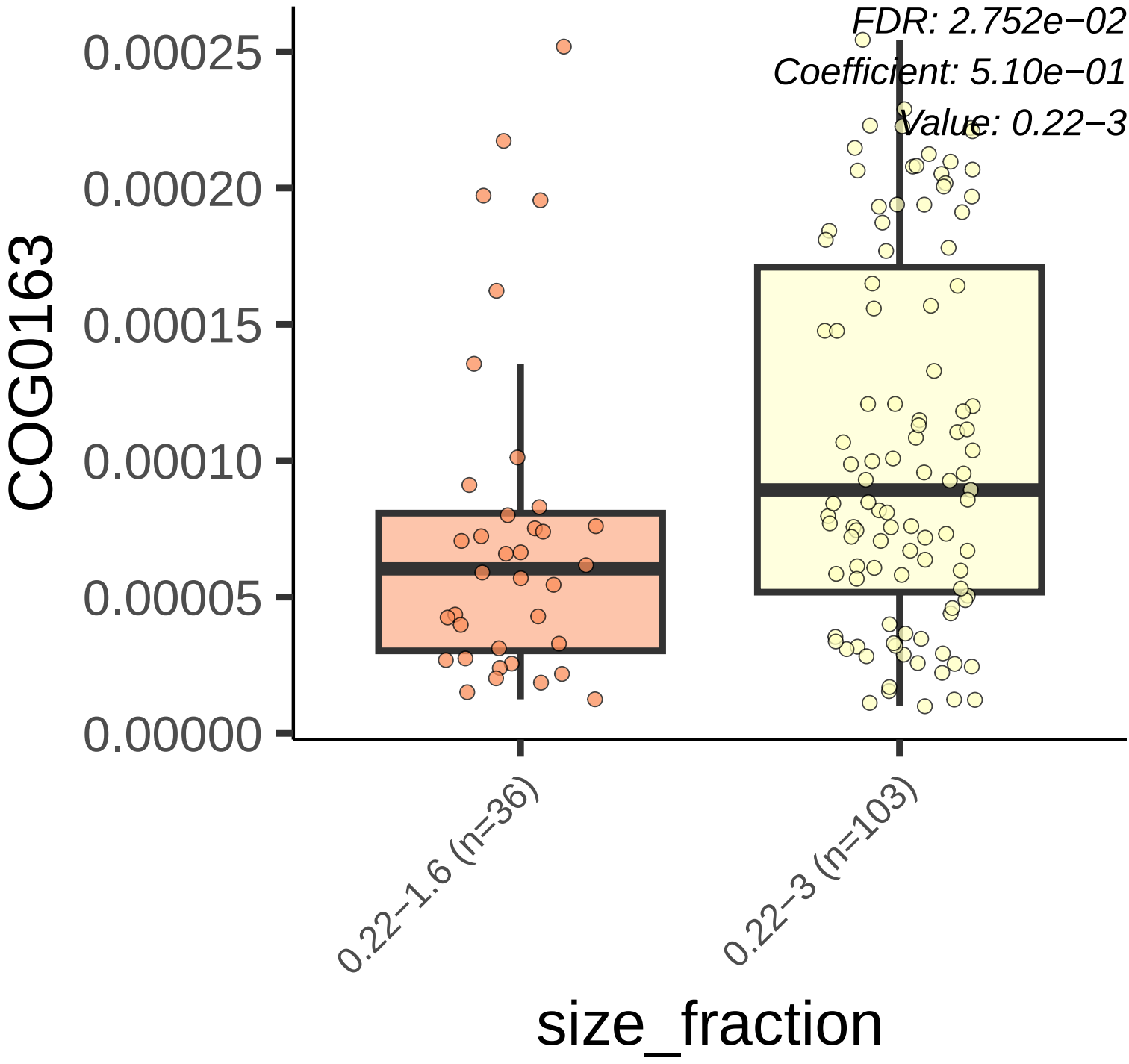

FDR: 2.646e−02
Coefficient: 7.04e−01
Value: 0.22−3
COG1718
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

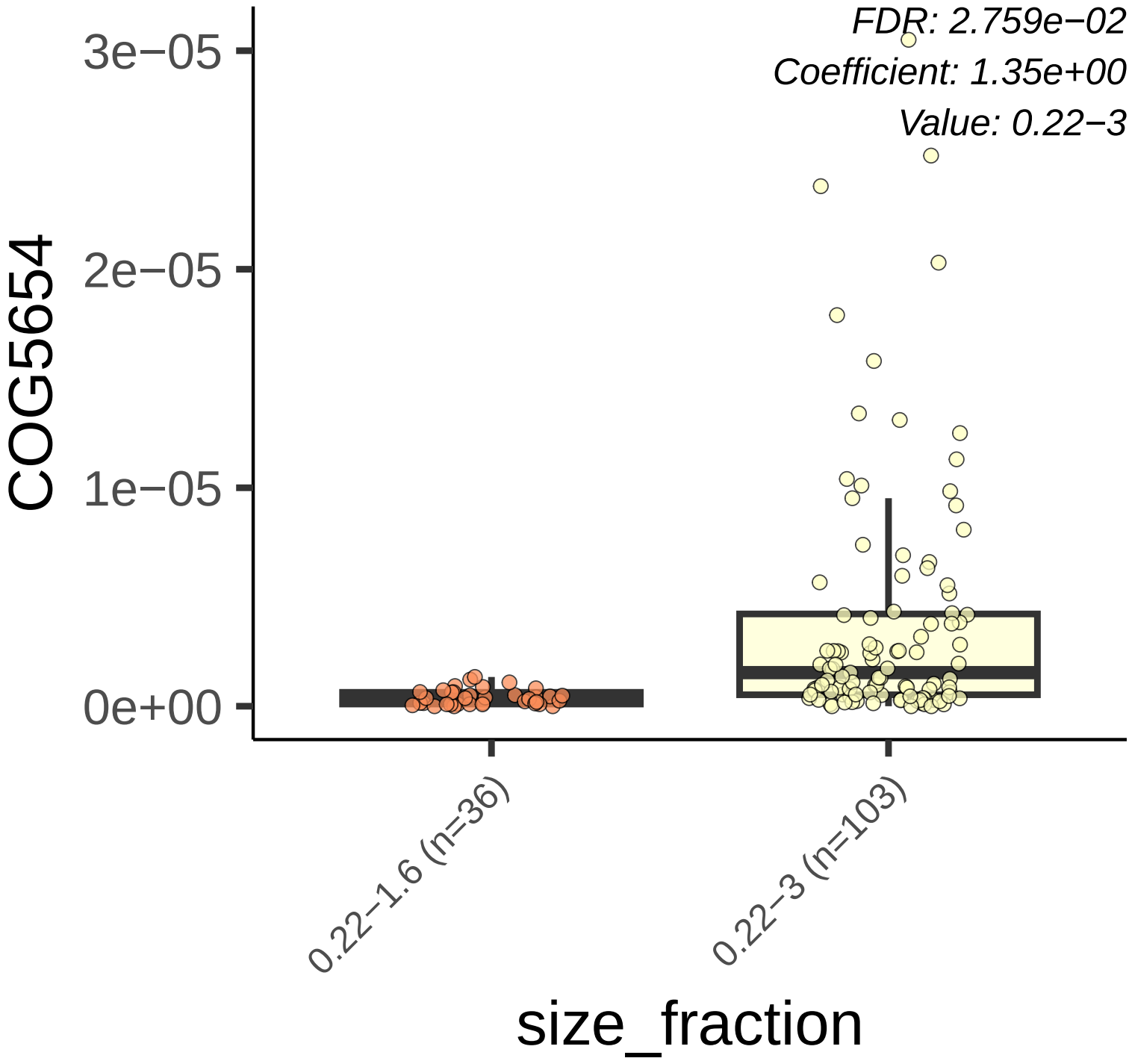

FDR: 2.659e−02
Coefficient: 4.27e−01
Value: 0.22−3
COG2382
6e−05
5e−05
4e−05
3e−05
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

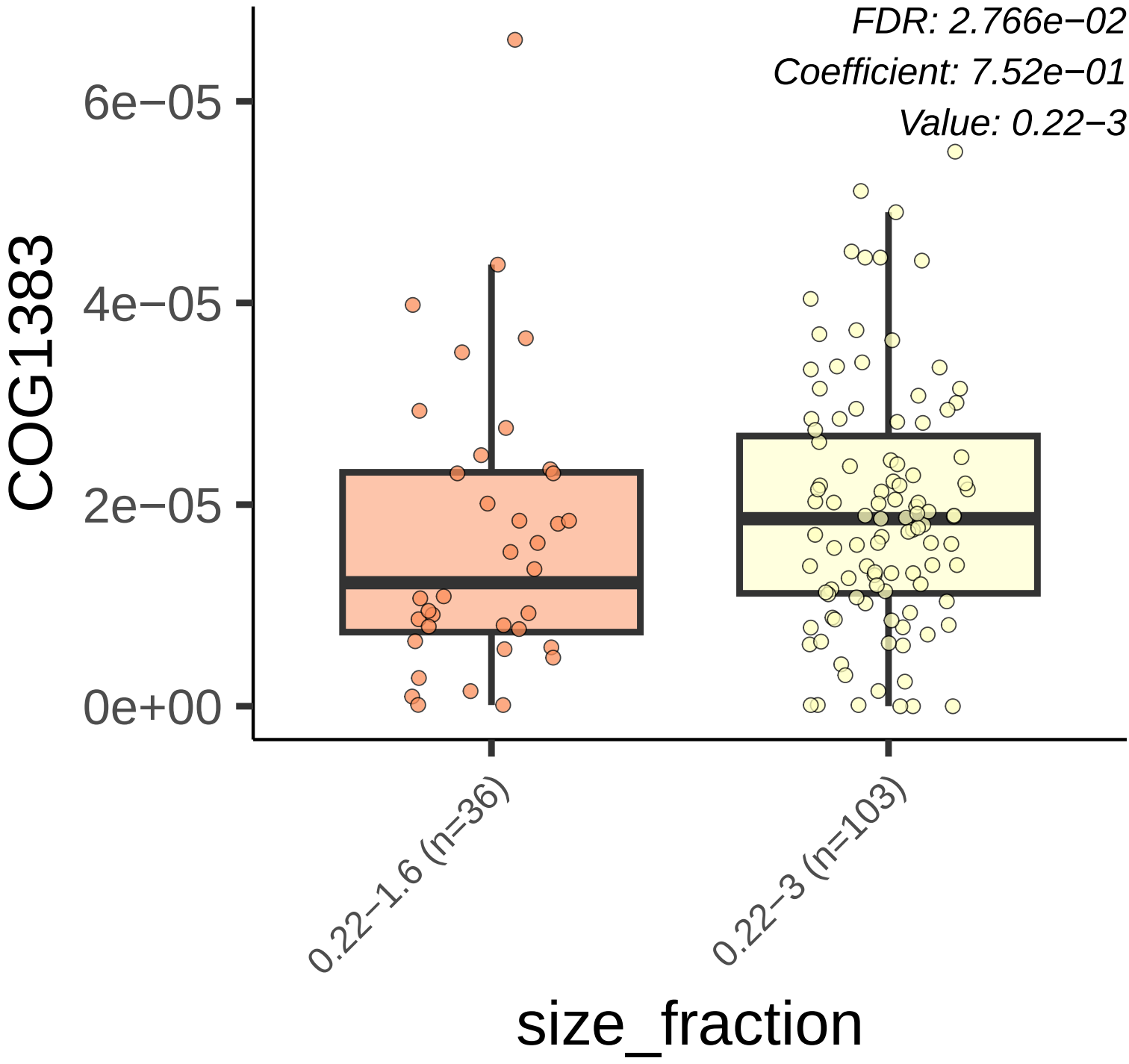

FDR: 2.662e−02
Coefficient: 4.25e−01
Value: 0.22−3
COG3276
3e−04
2e−04
1e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

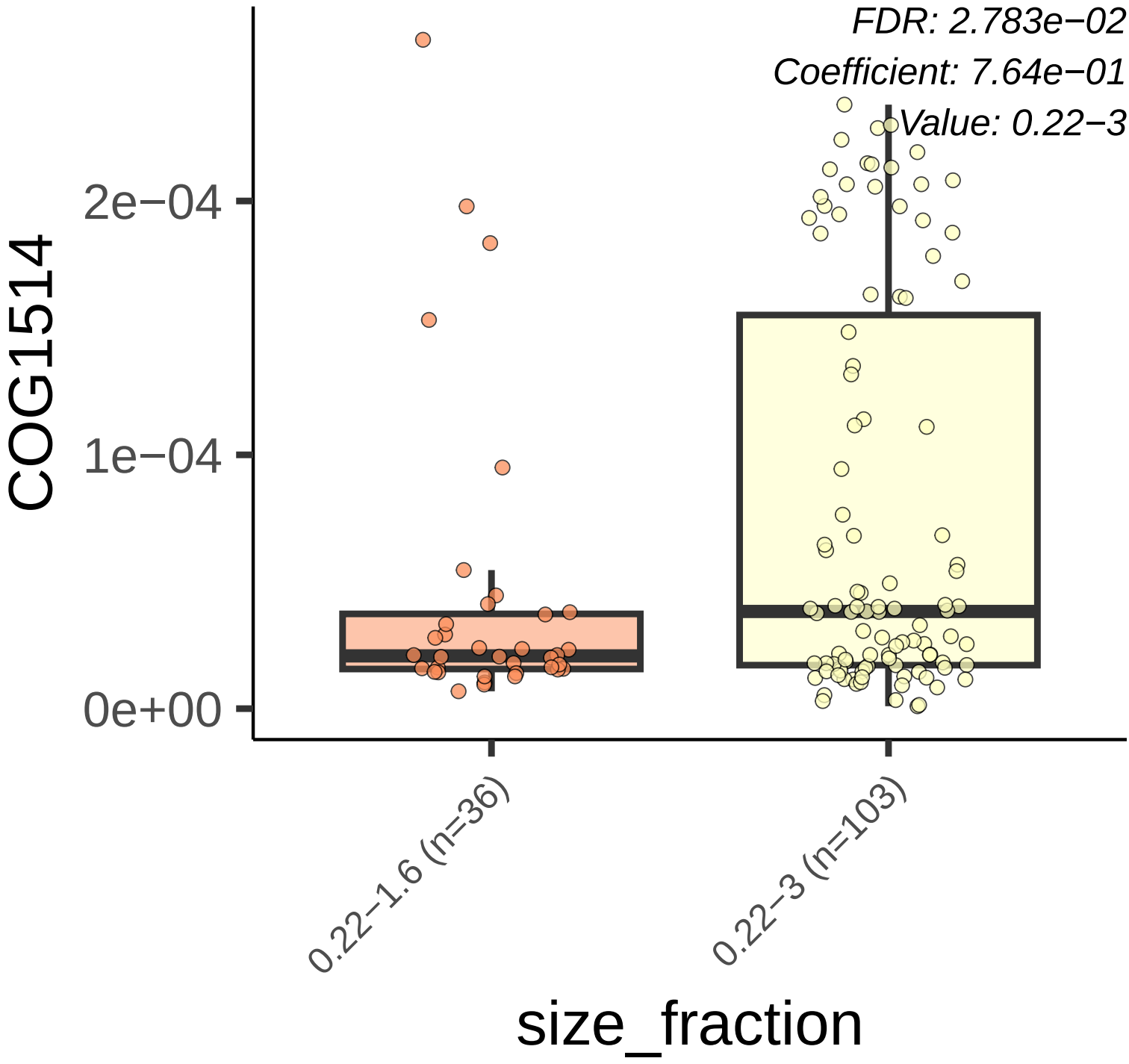

FDR: 2.680e−02
Coefficient: 8.77e−01
Value: 0.22−3
COG3871
1.0e−04
7.5e−05
5.0e−05
2.5e−05
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

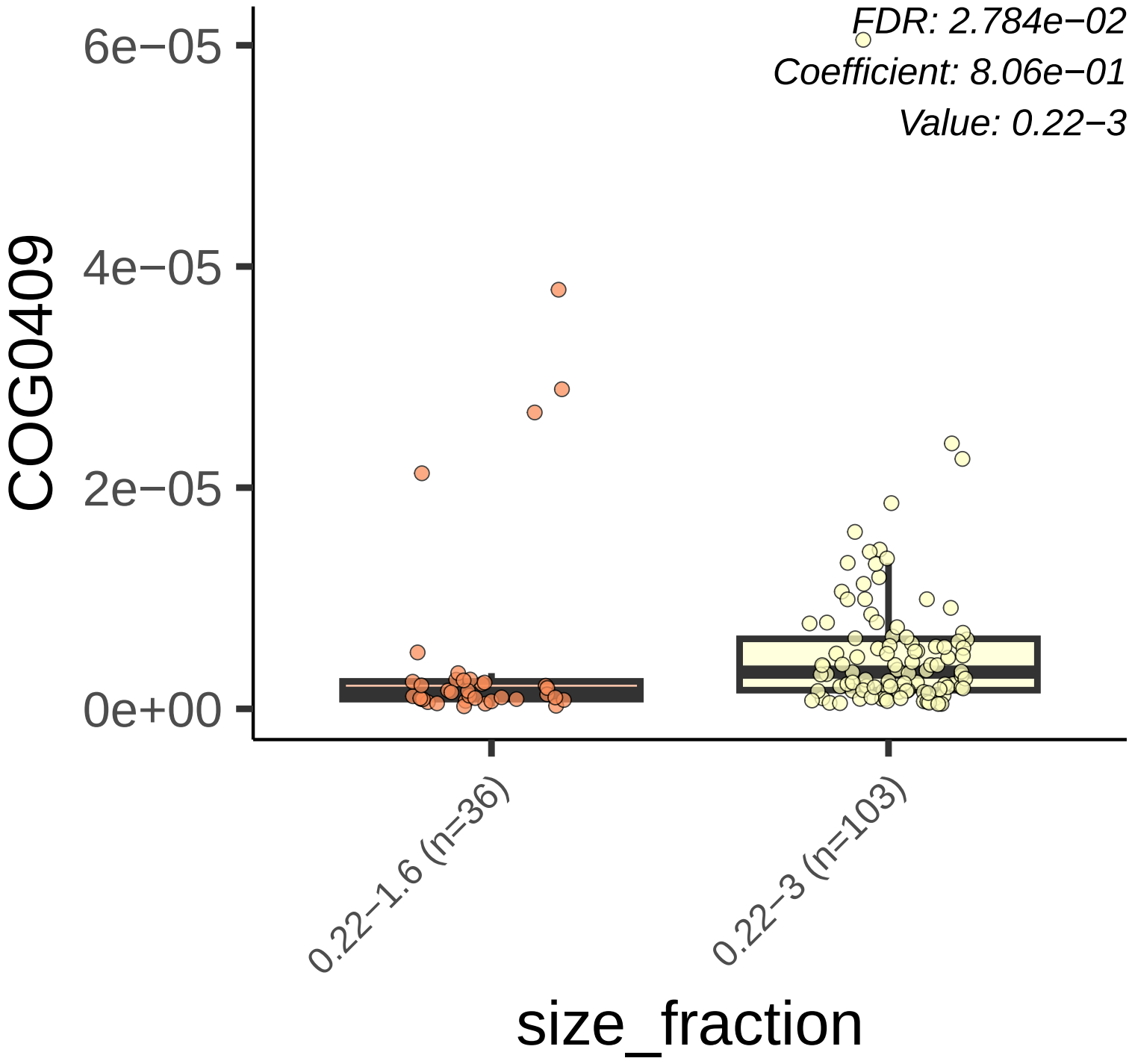

FDR: 2.694e−02
Coefficient: 2.20e+00
Value: 0.22−3
COG2190
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

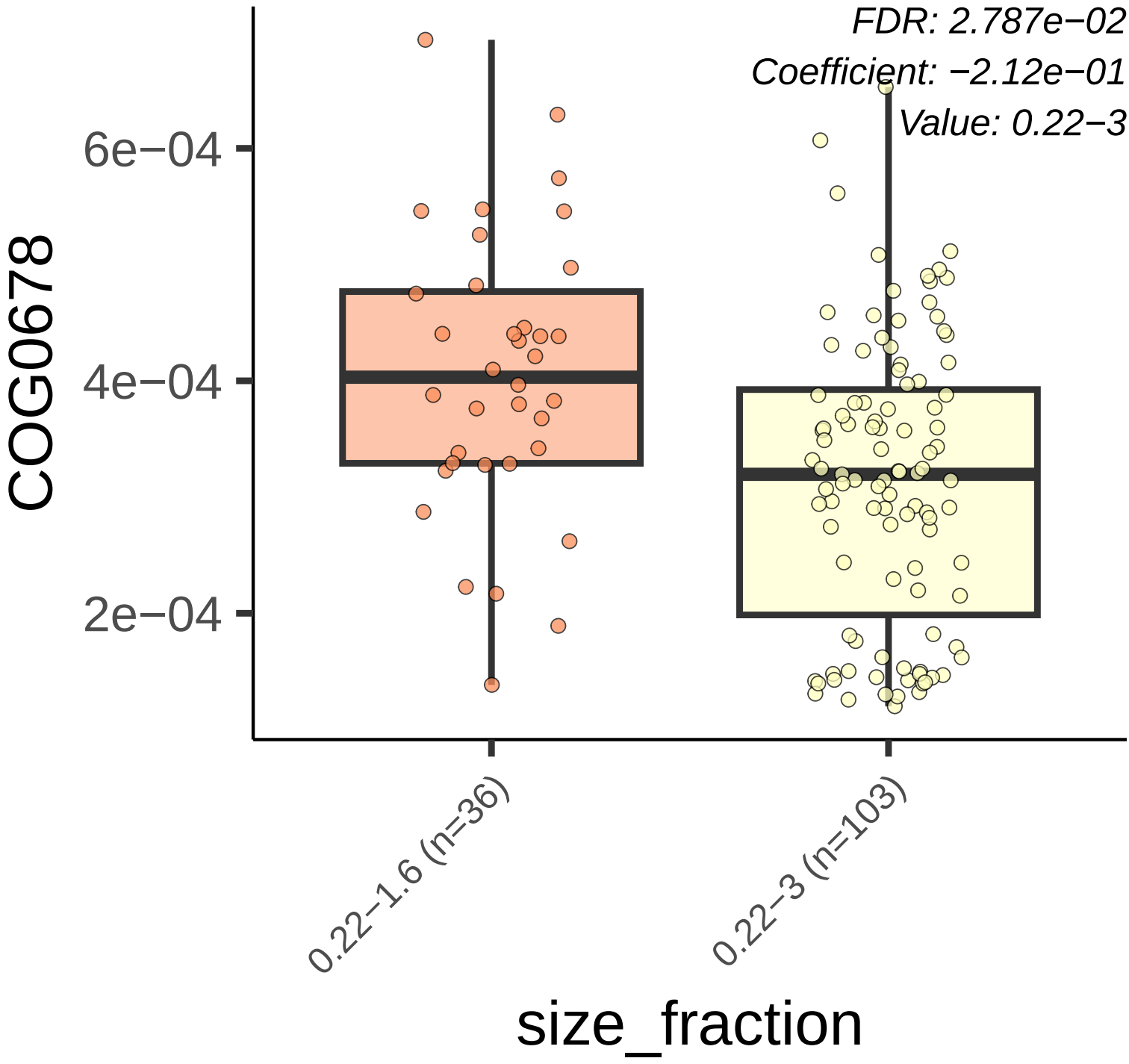

FDR: 2.752e−02
Coefficient: 5.10e−01
Value: 0.22−3
COG0163
0.00025
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

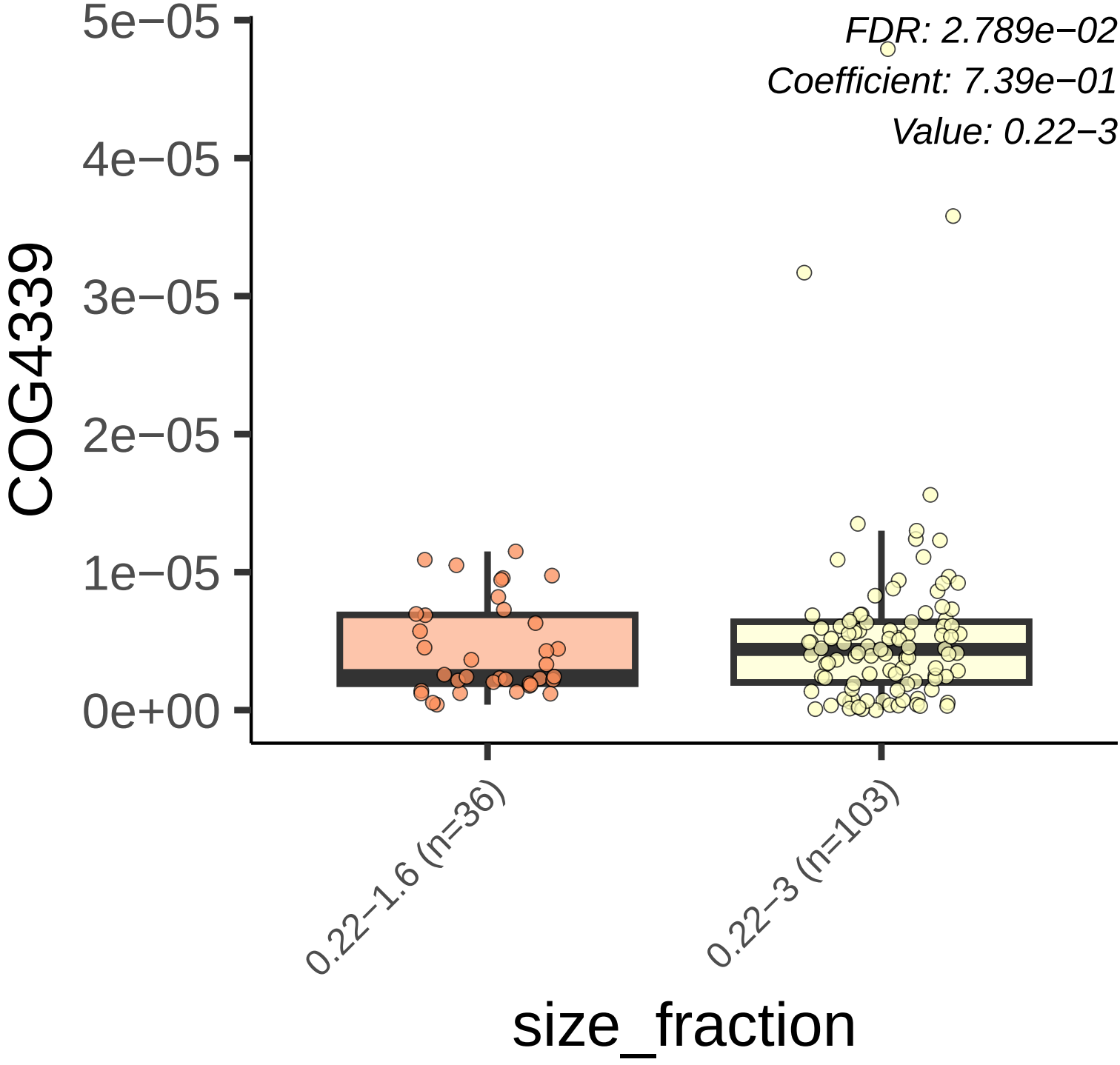

FDR: 2.759e−02
Coefficient: 1.35e+00
Value: 0.22−3
COG5654
3e−05
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

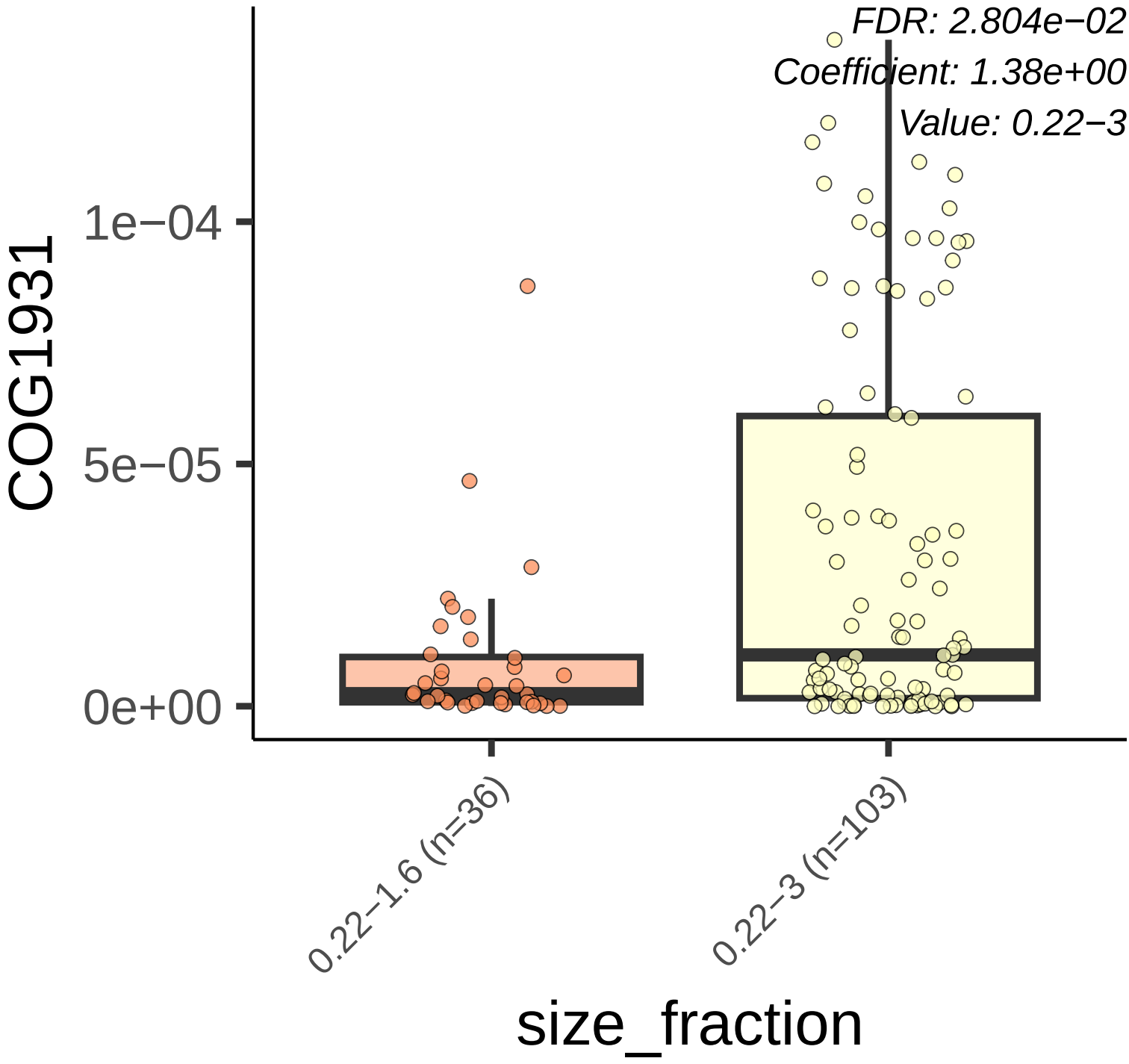

FDR: 2.766e−02
Coefficient: 7.52e−01
Value: 0.22−3
COG1383
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

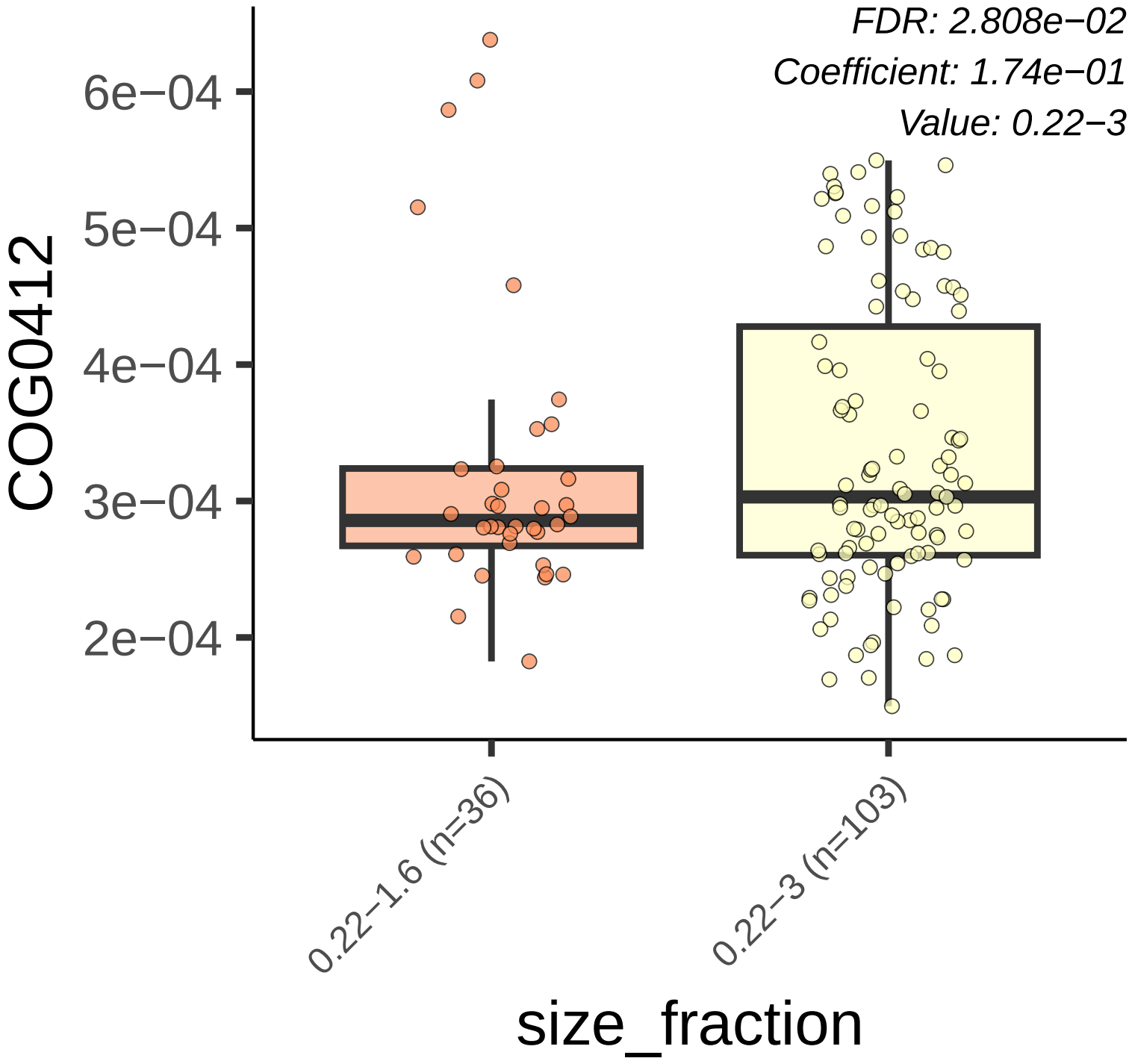

FDR: 2.783e−02
Coefficient: 7.64e−01
Value: 0.22−3
COG1514
2e−04
1e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

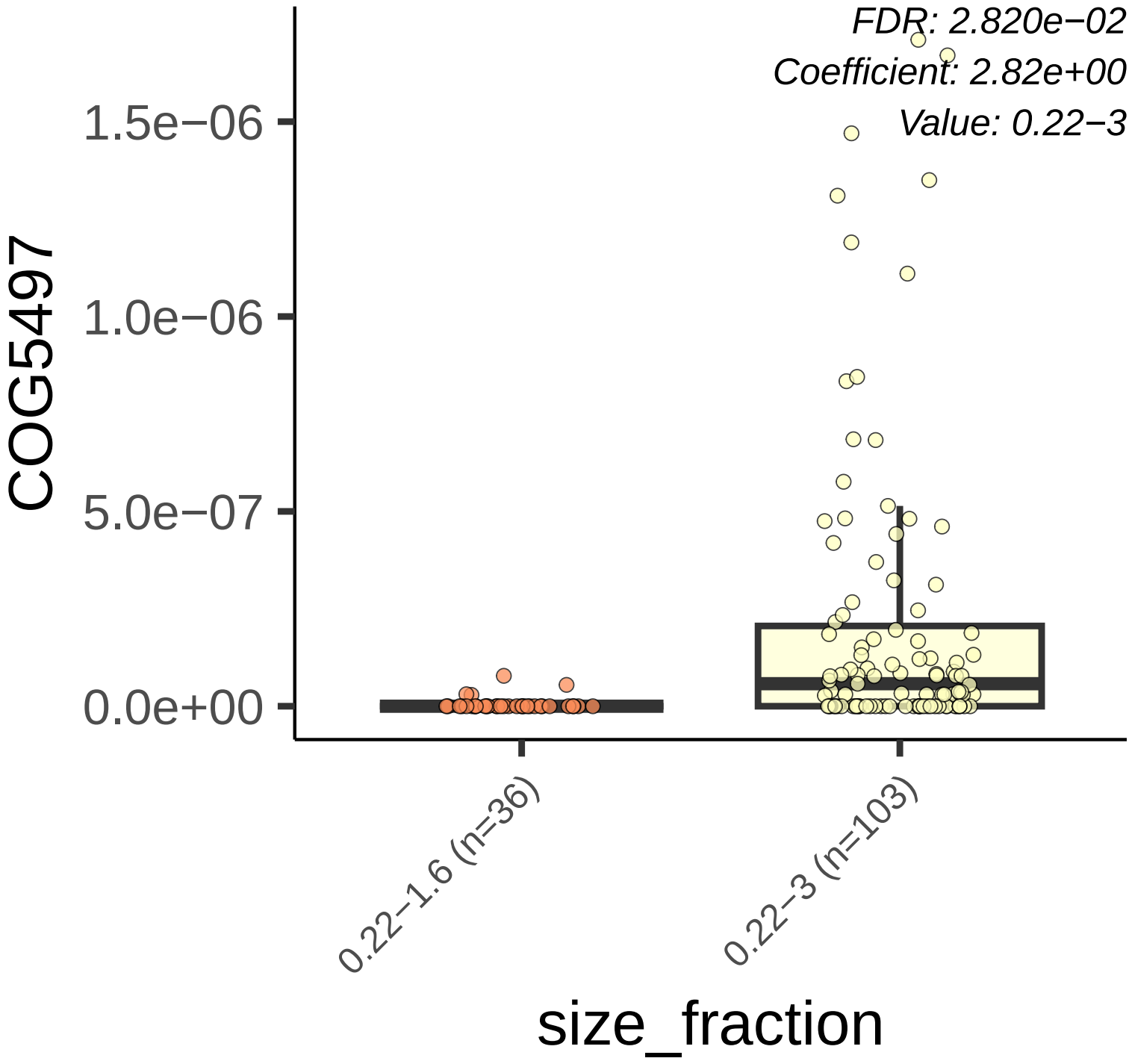

FDR: 2.784e−02
Coefficient: 8.06e−01
Value: 0.22−3
COG0409
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

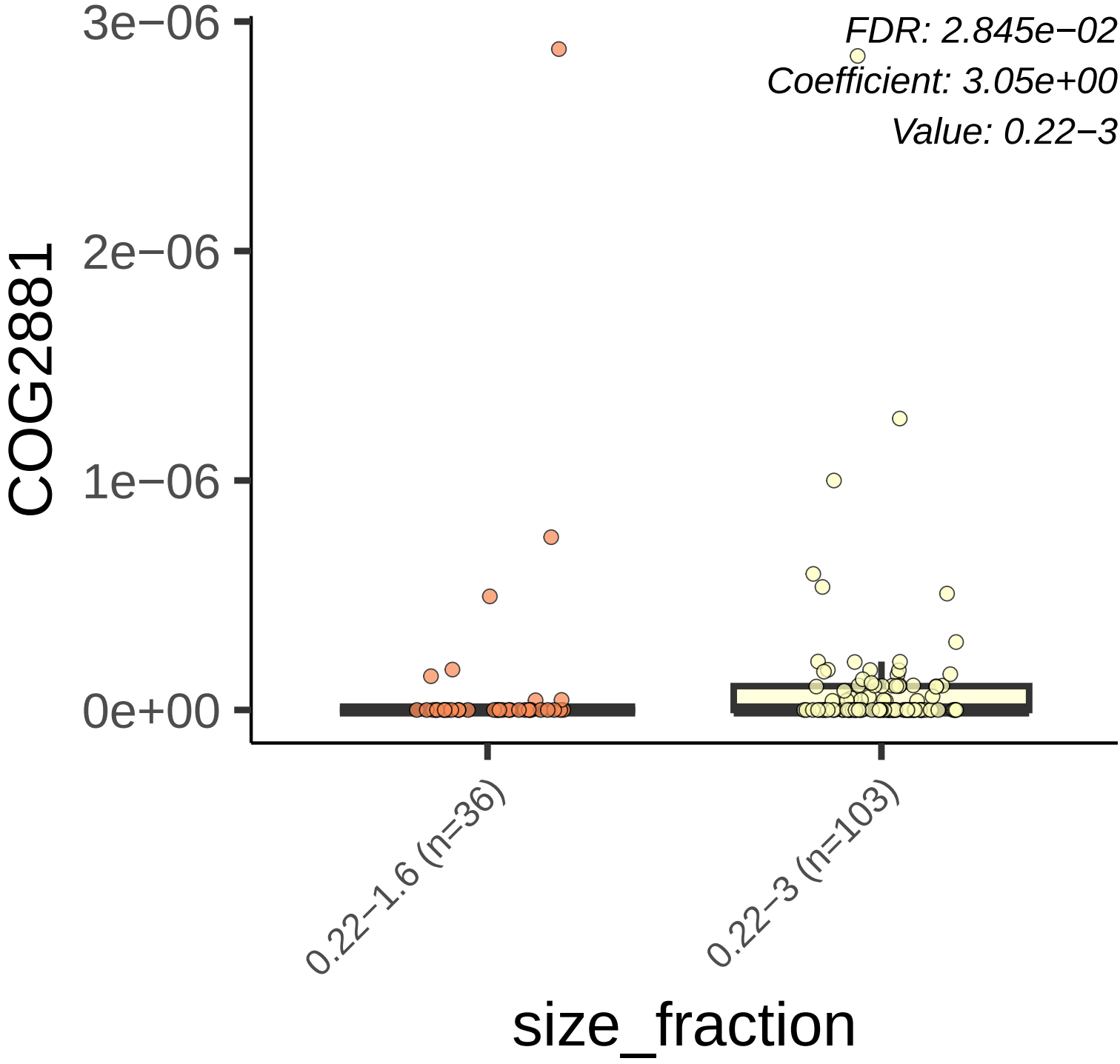

FDR: 2.787e−02
Coefficient: −2.12e−01
Value: 0.22−3
COG0678
6e−04
4e−04
2e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

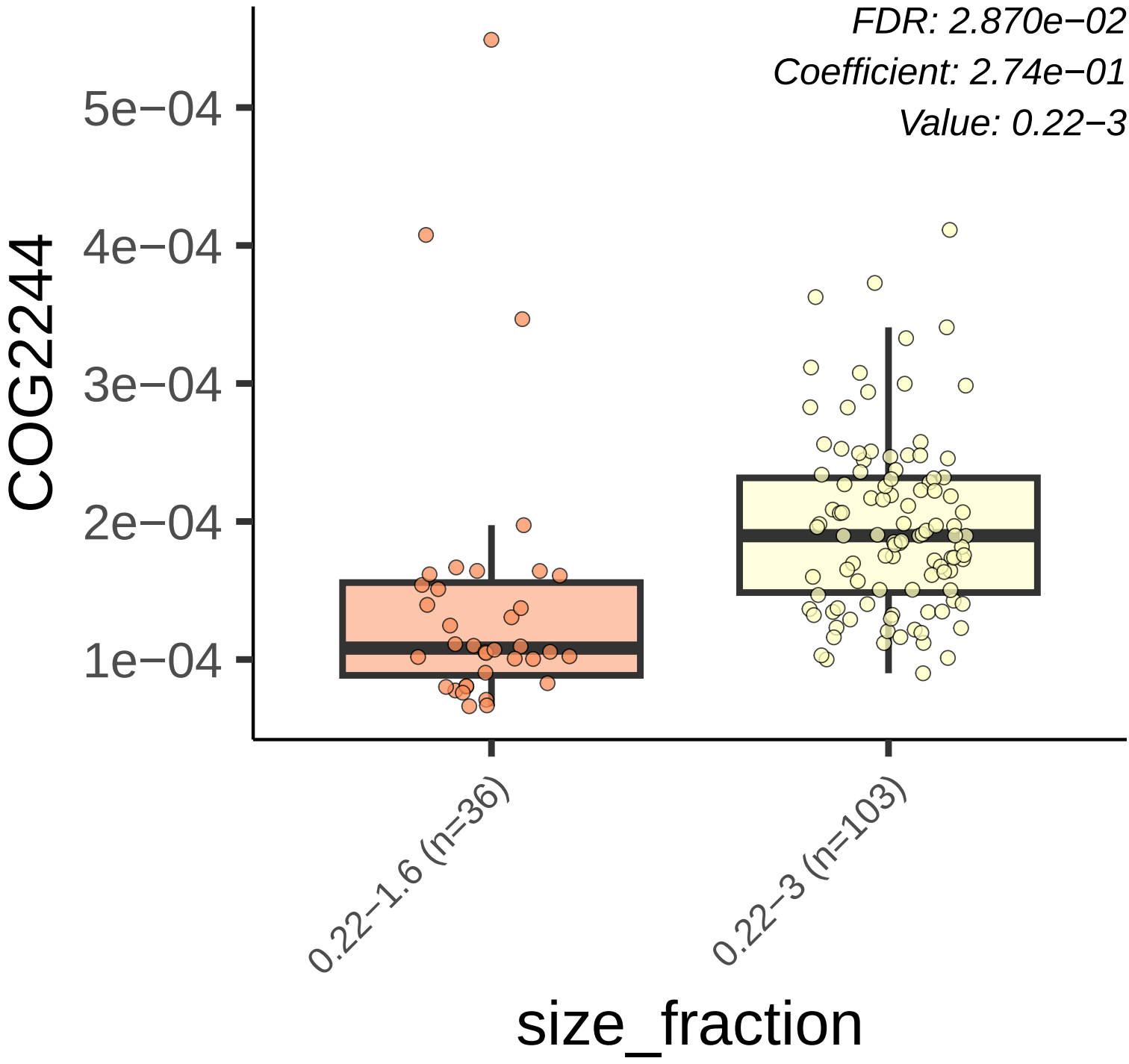

FDR: 2.789e−02
Coefficient: 7.39e−01
Value: 0.22−3
COG4339
5e−05
4e−05
3e−05
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

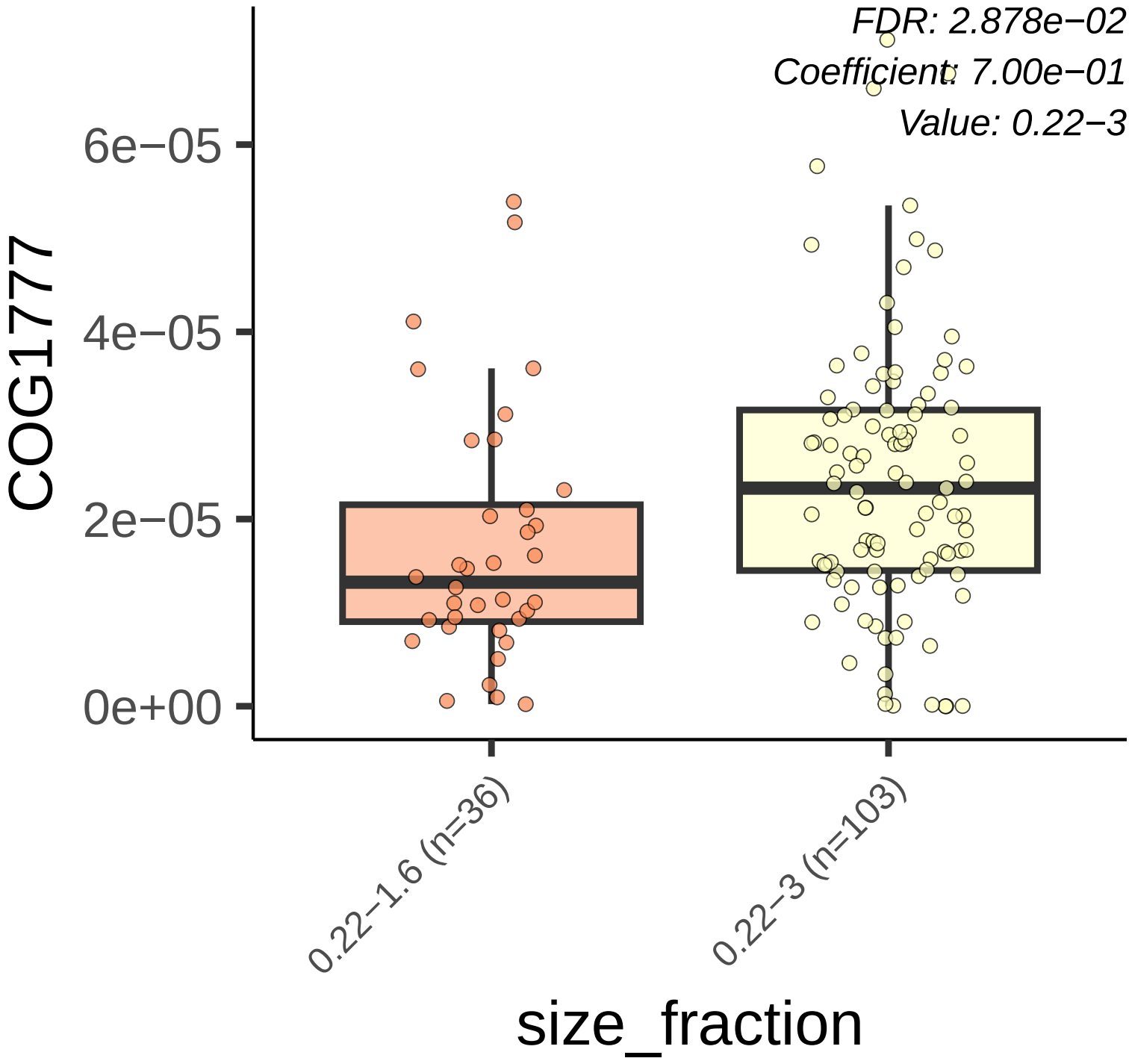

FDR: 2.804e−02
Coefficient: 1.38e+00
Value: 0.22−3
COG1931
1e−04
5e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

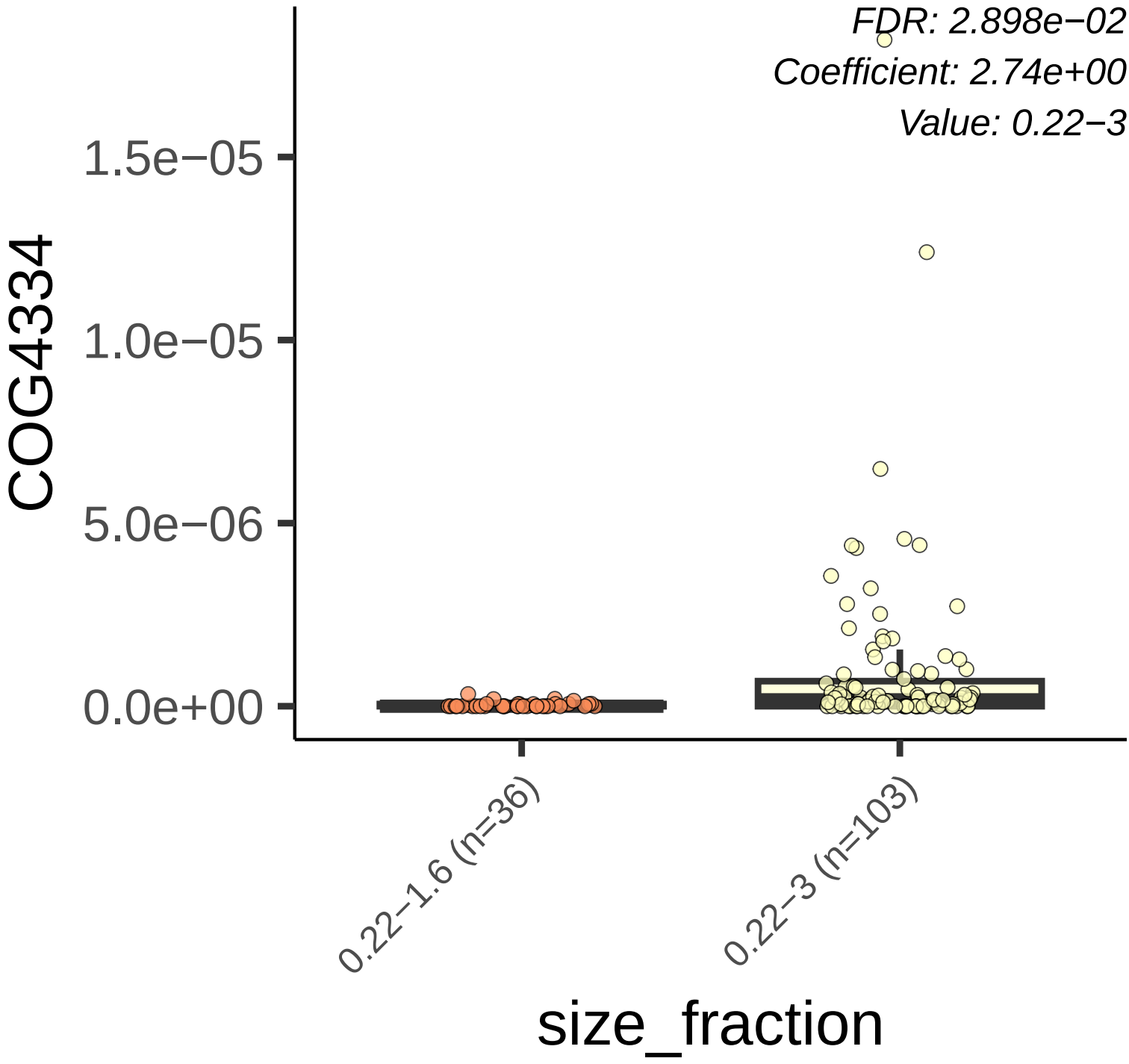

FDR: 2.808e−02
Coefficient: 1.74e−01
Value: 0.22−3
COG0412
6e−04
5e−04
4e−04
3e−04
2e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

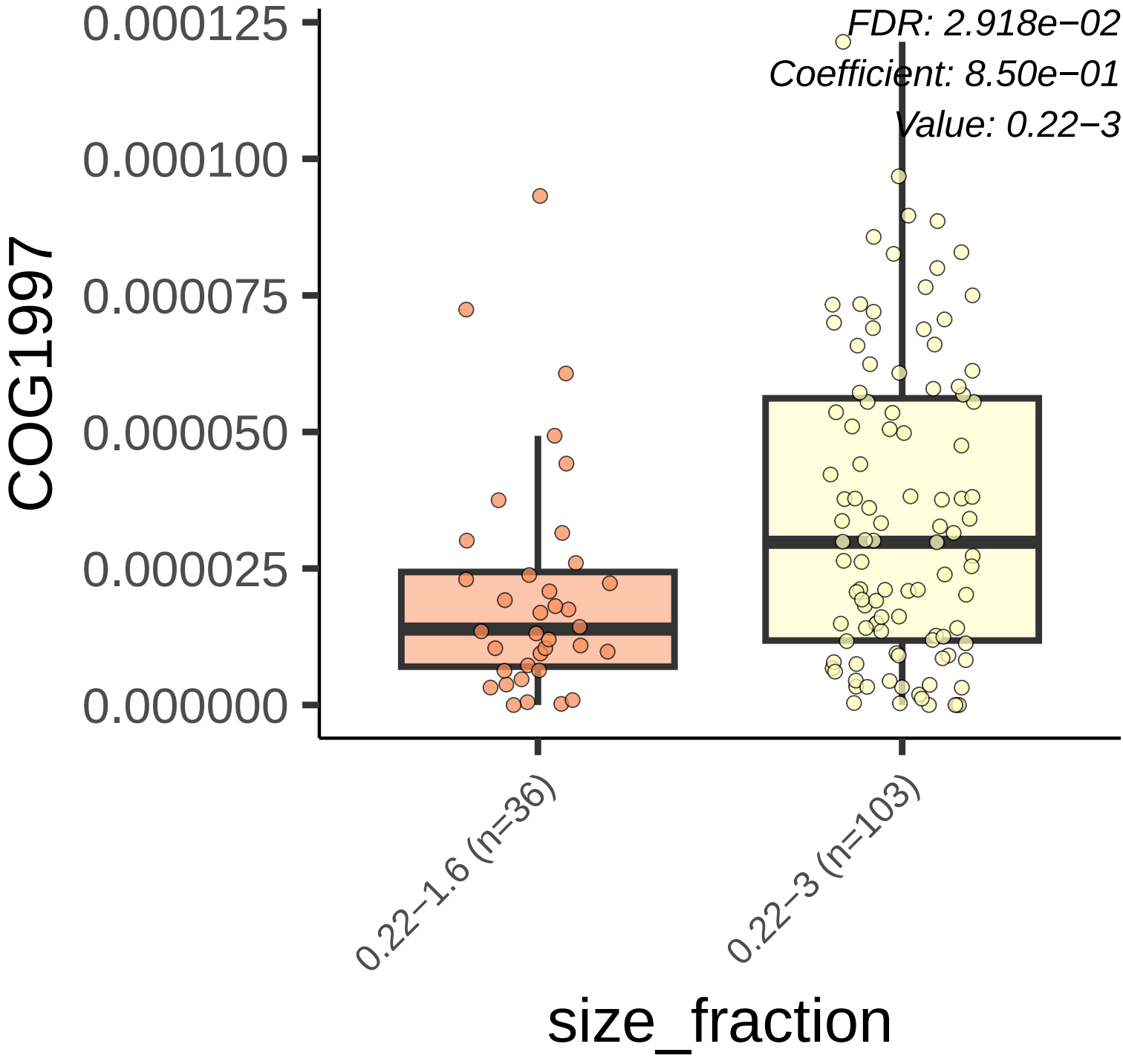

FDR: 2.820e−02
Coefficient: 2.82e+00
Value: 0.22−3
COG5497
1.5e−06
1.0e−06
5.0e−07
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

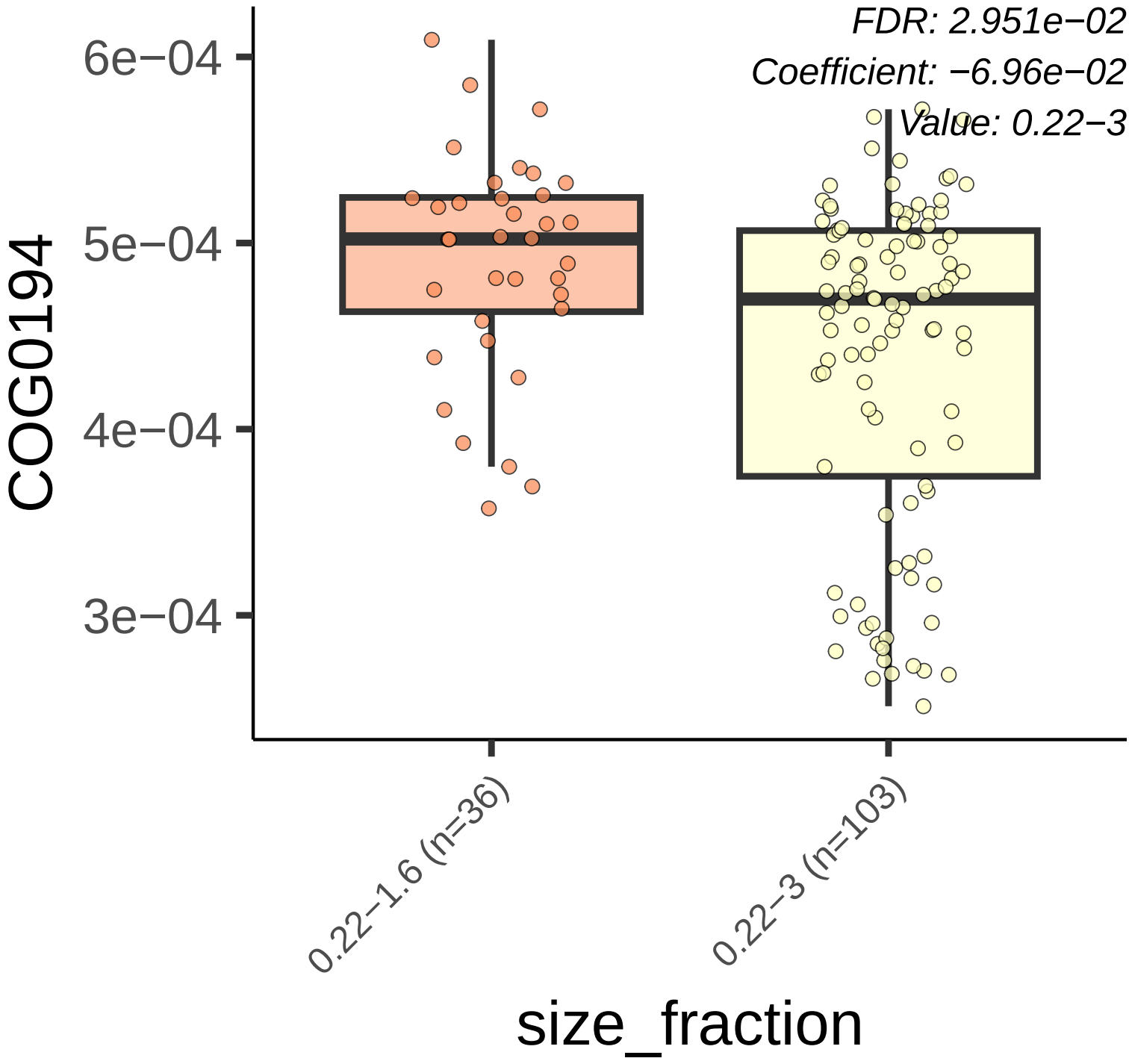

FDR: 2.845e−02
Coefficient: 3.05e+00
Value: 0.22−3
COG2881
3e−06
2e−06
1e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

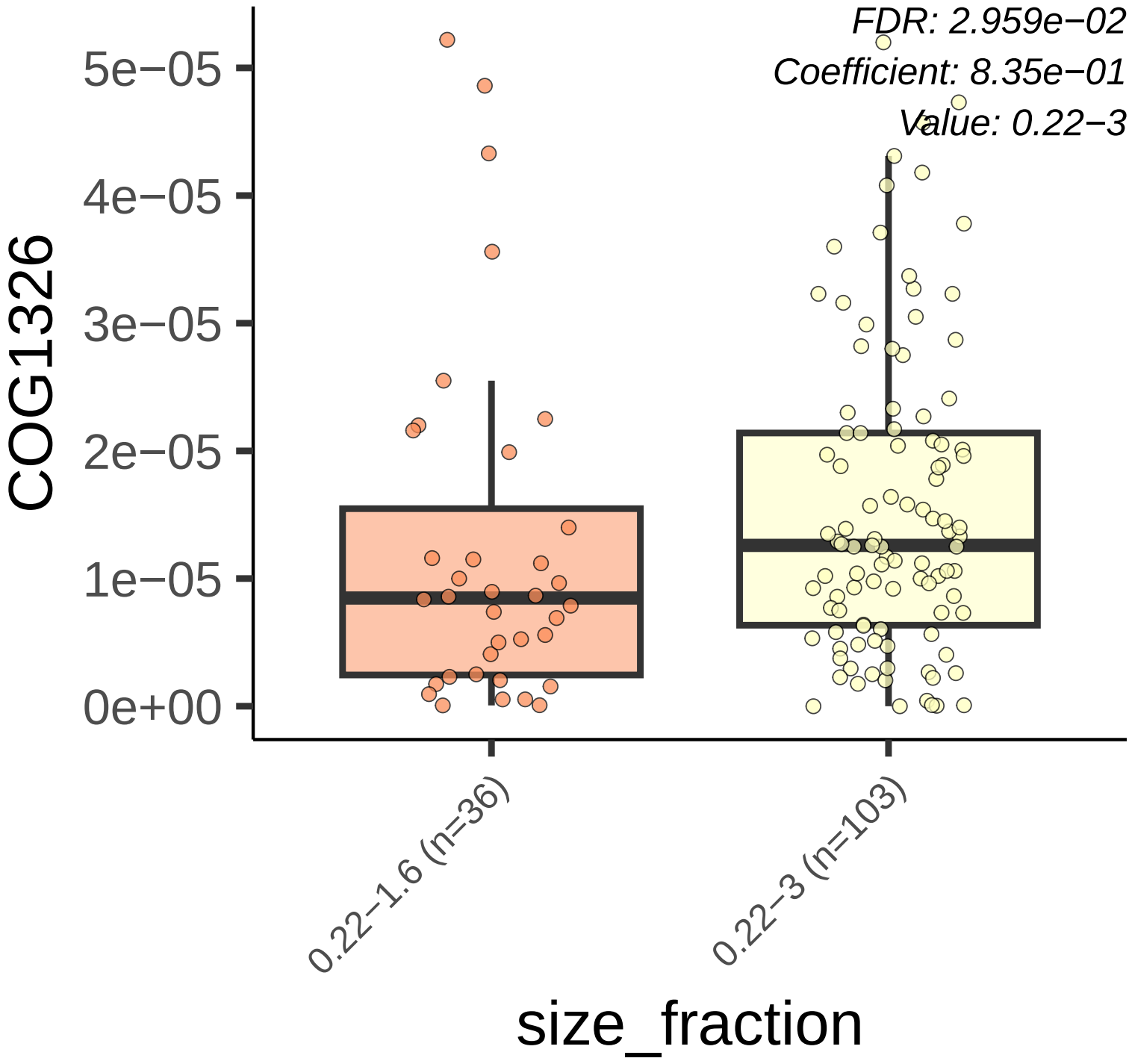

FDR: 2.870e−02
Coefficient: 2.74e−01
Value: 0.22−3
COG2244
5e−04
4e−04
3e−04
2e−04
1e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

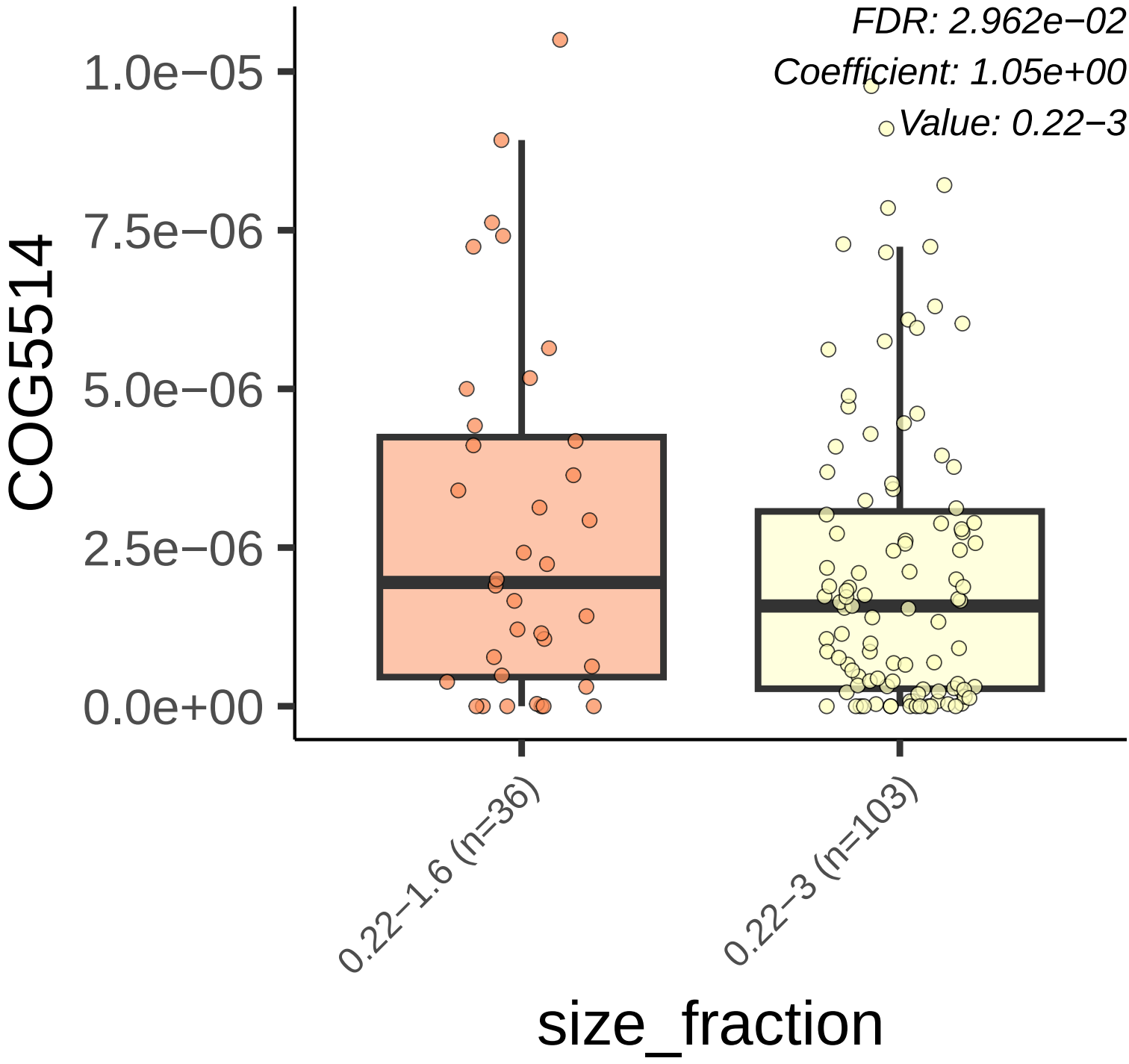

FDR: 2.878e−02
Coefficient: 7.00e−01
Value: 0.22−3
COG1777
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

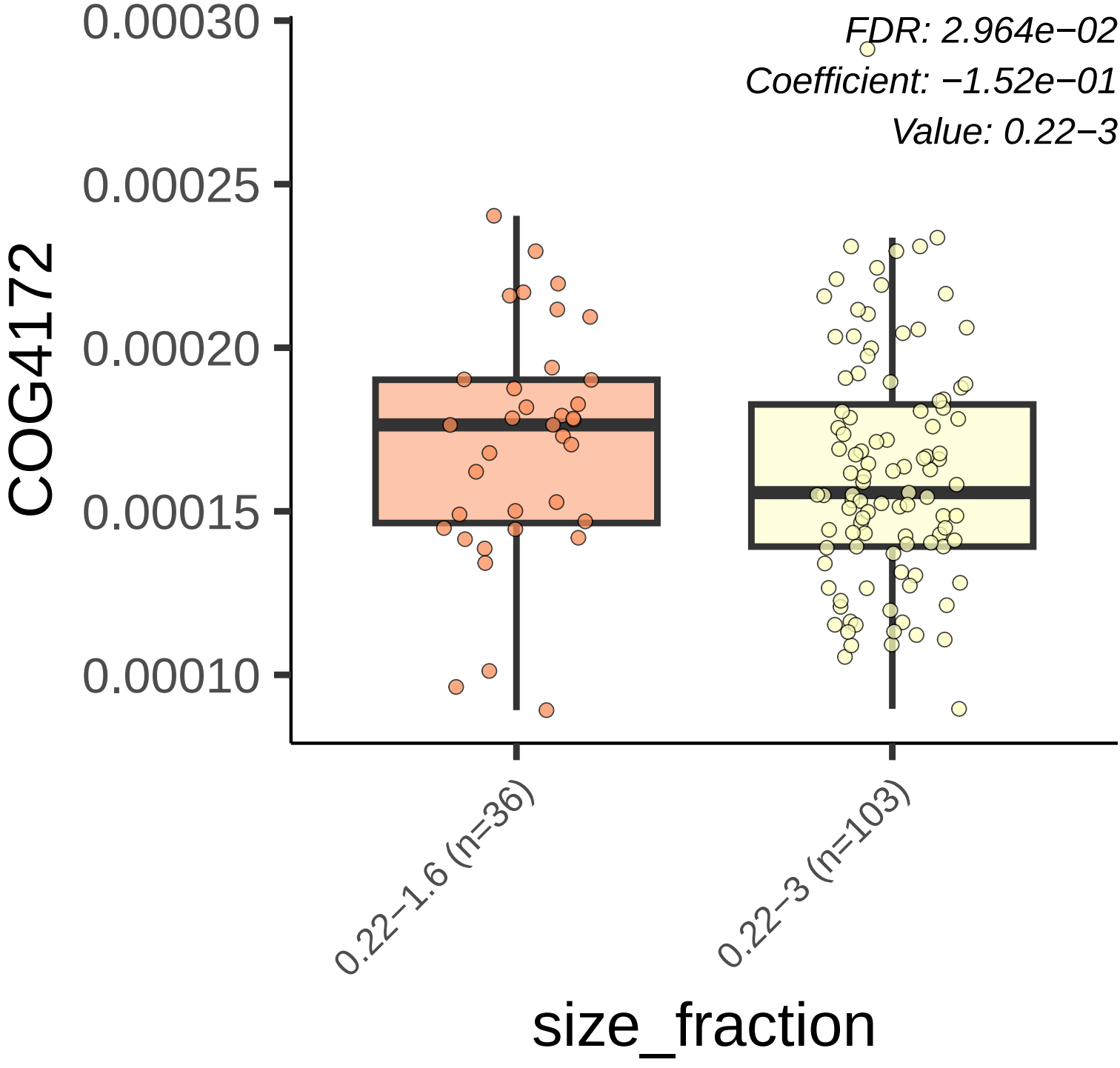

FDR: 2.898e−02
Coefficient: 2.74e+00
Value: 0.22−3
COG4334
1.5e−05
1.0e−05
5.0e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

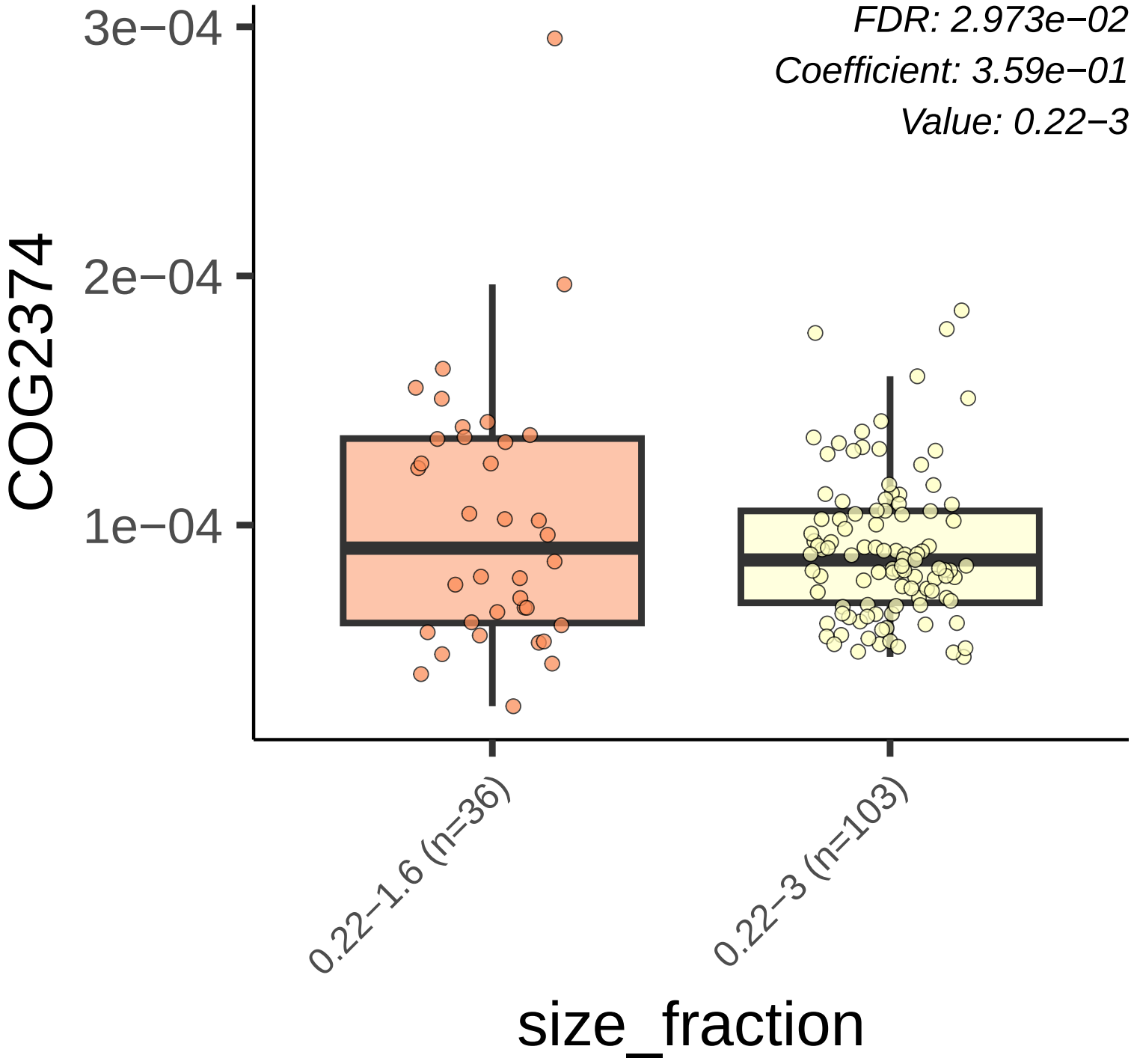

FDR: 2.918e−02
Coefficient: 8.50e−01
Value: 0.22−3
COG1997
0.000125
0.000100
0.000075
0.000050
0.000025
0.000000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

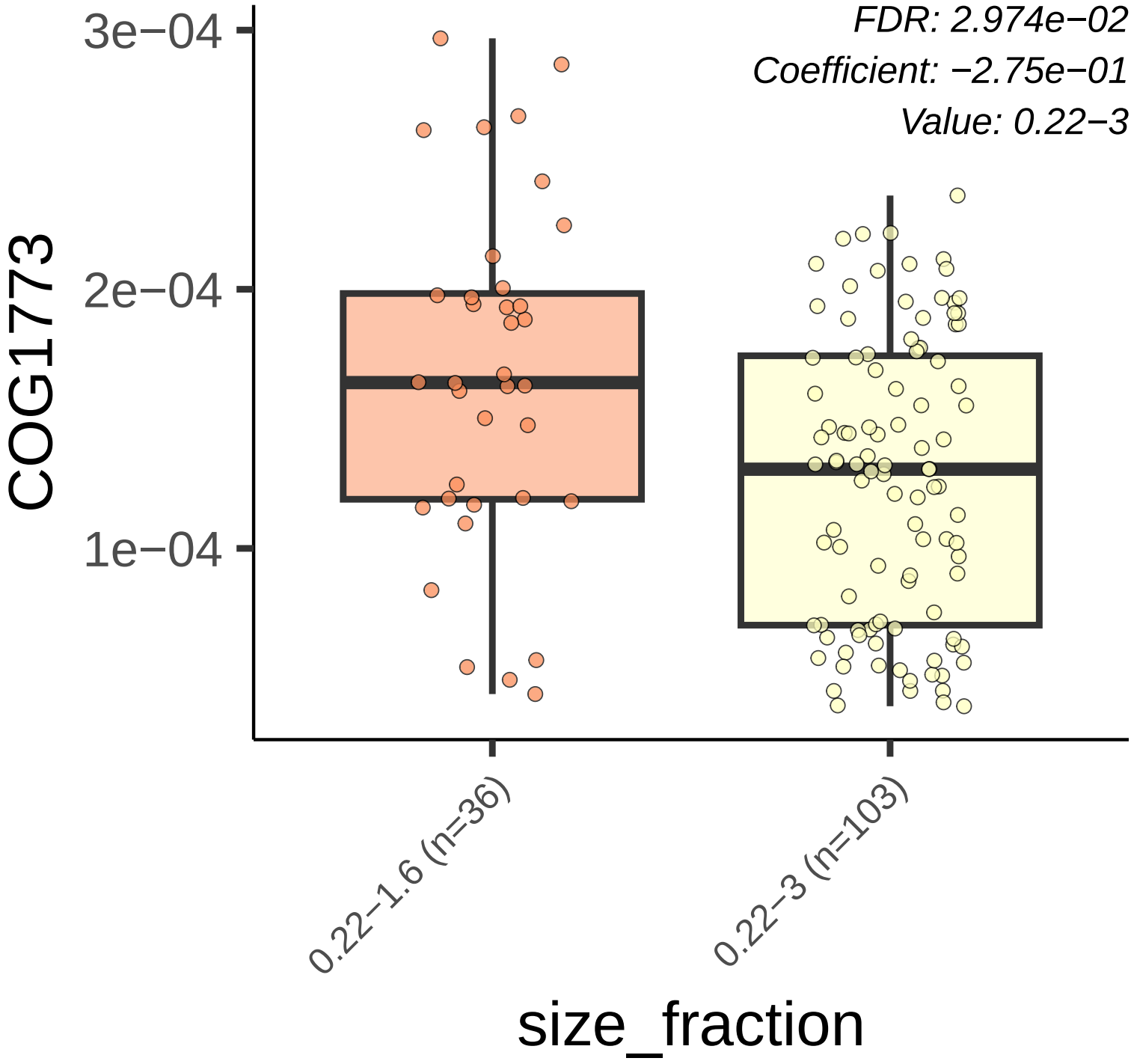

FDR: 2.951e−02
Coefficient: −6.96e−02
Value: 0.22−3
6e−04
5e−04
4e−04
3e−04
COG0194
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

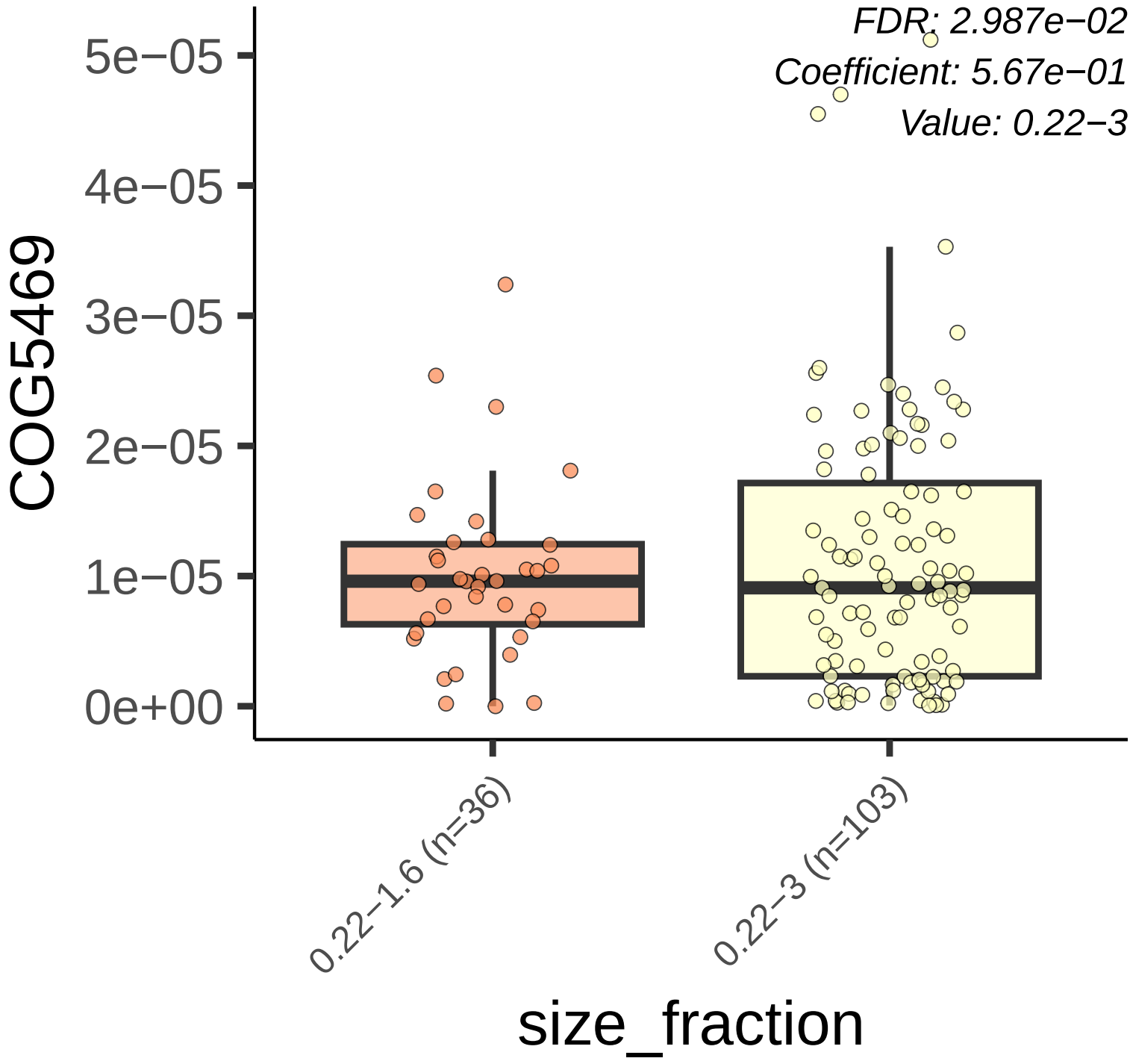

FDR: 2.959e−02
Coefficient: 8.35e−01
Value: 0.22−3
COG1326
5e−05
4e−05
3e−05
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

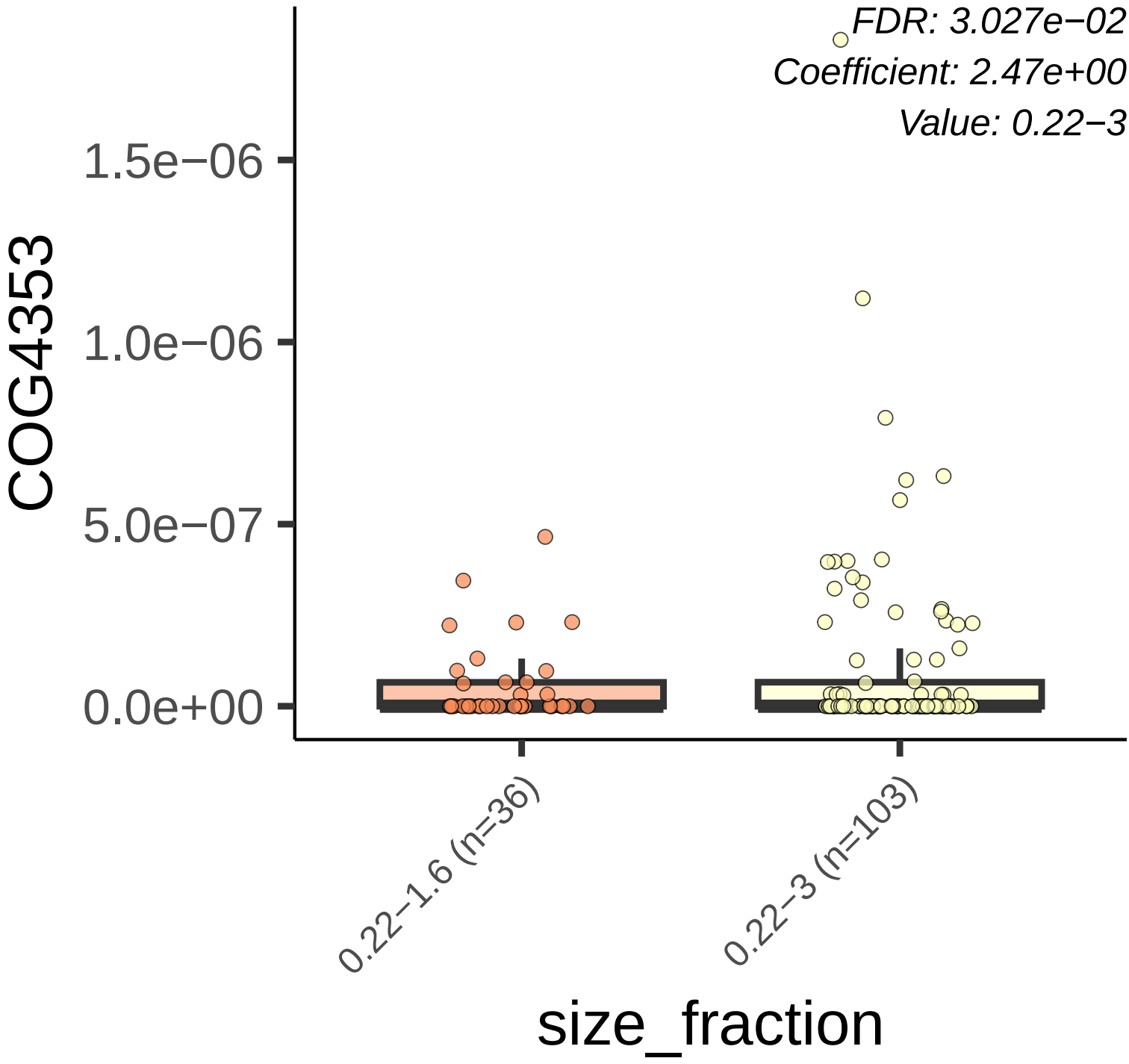

FDR: 2.962e−02
Coefficient: 1.05e+00
Value: 0.22−3
COG5514
1.0e−05
7.5e−06
5.0e−06
2.5e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

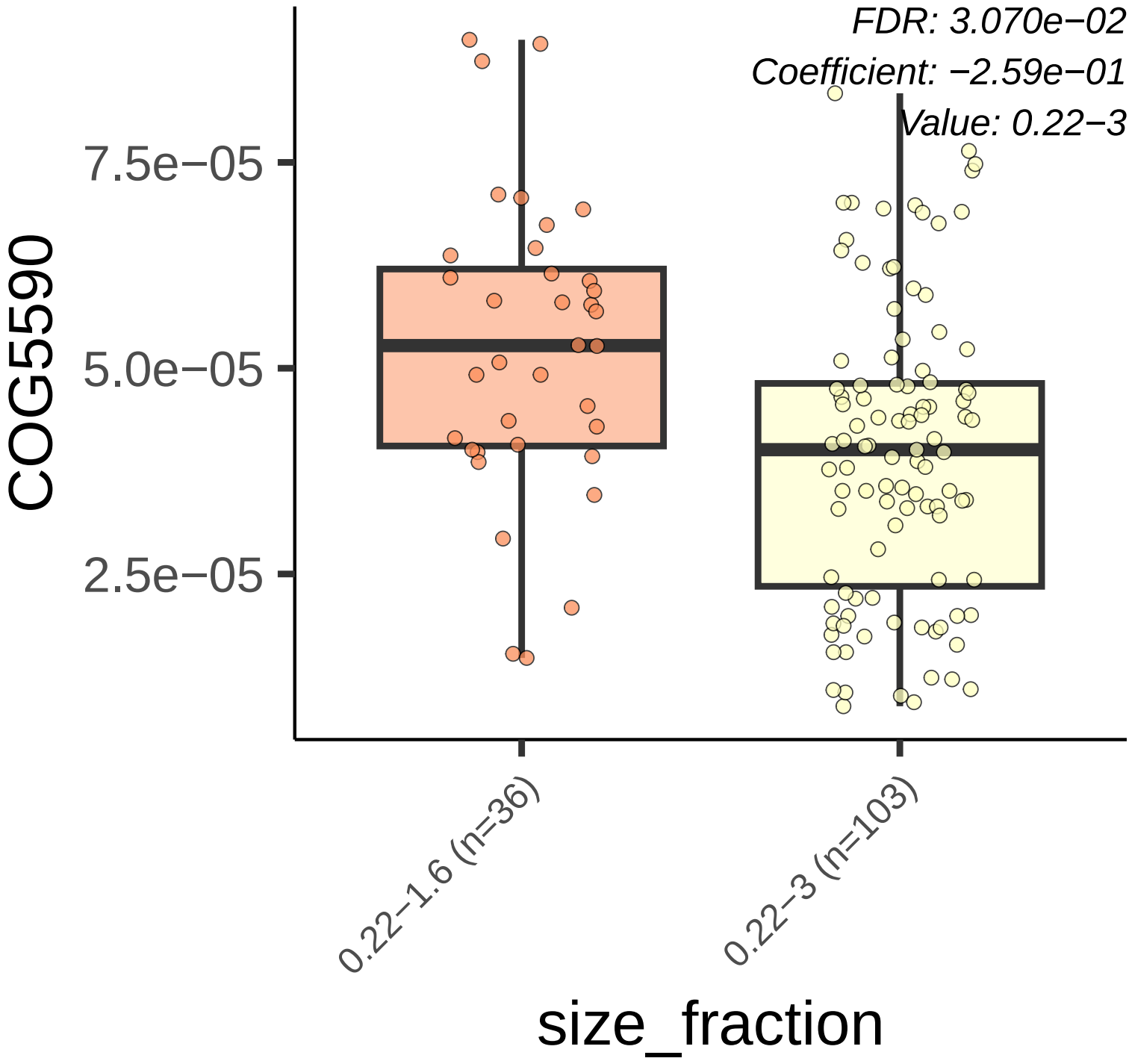

FDR: 2.964e−02
Coefficient: −1.52e−01
Value: 0.22−3
COG4172
0.00030
0.00025
0.00020
0.00015
0.00010
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

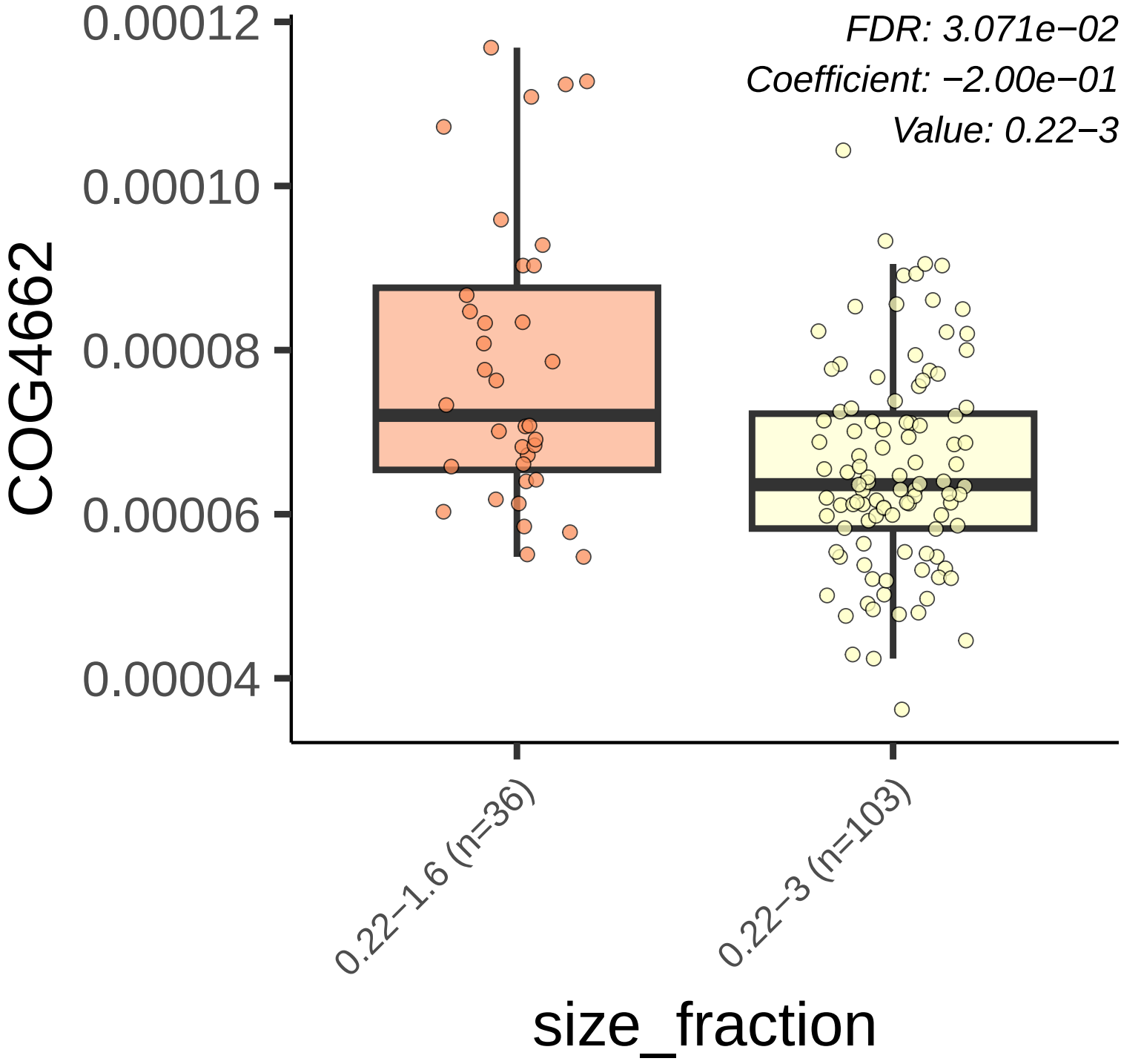

FDR: 2.973e−02
Coefficient: 3.59e−01
Value: 0.22−3
COG2374
3e−04
2e−04
1e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

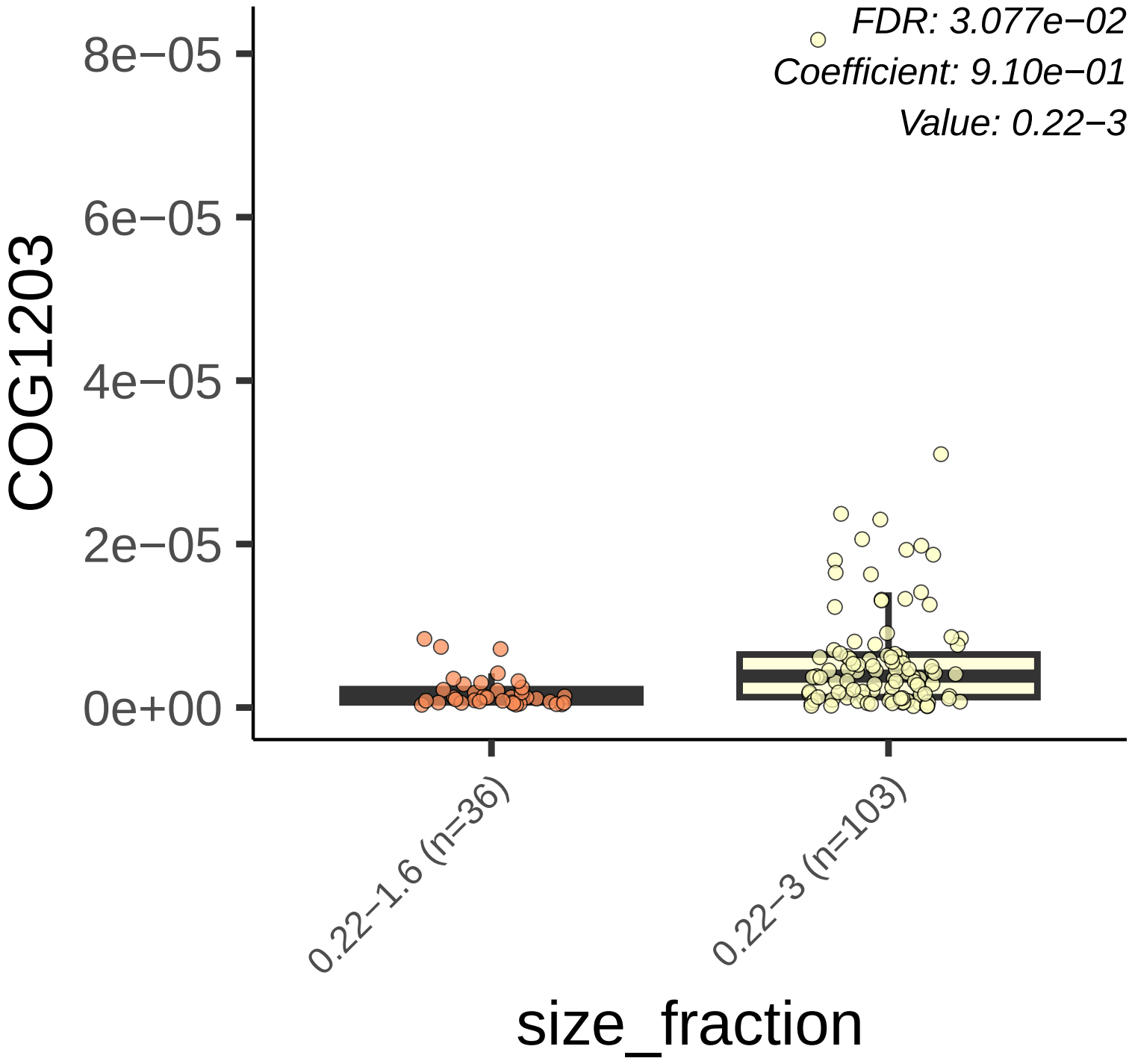

FDR: 2.974e−02
Coefficient: −2.75e−01
Value: 0.22−3
3e−04
2e−04
1e−04
COG1773
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

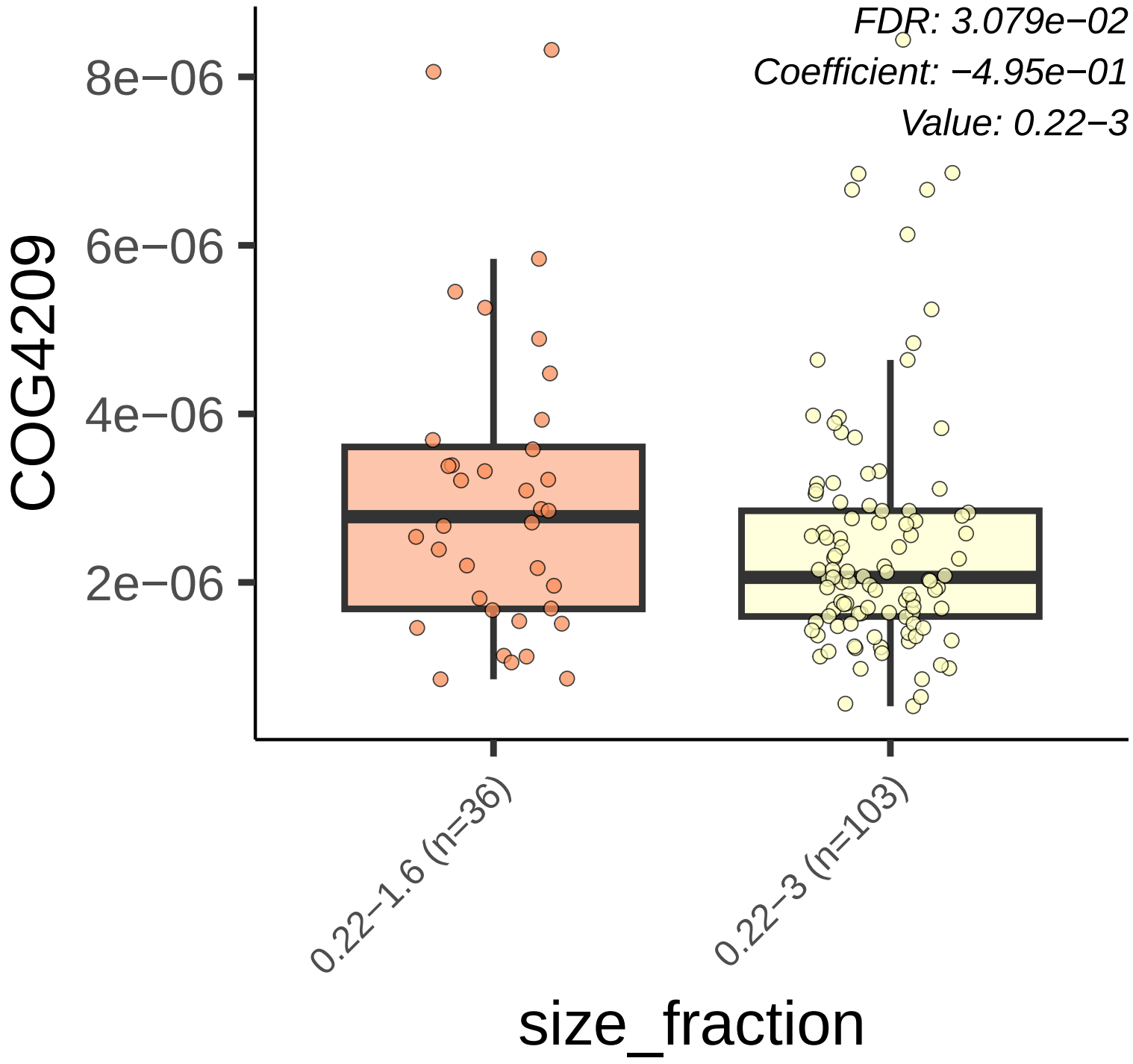

FDR: 2.987e−02
Coefficient: 5.67e−01
Value: 0.22−3
COG5469
5e−05
4e−05
3e−05
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

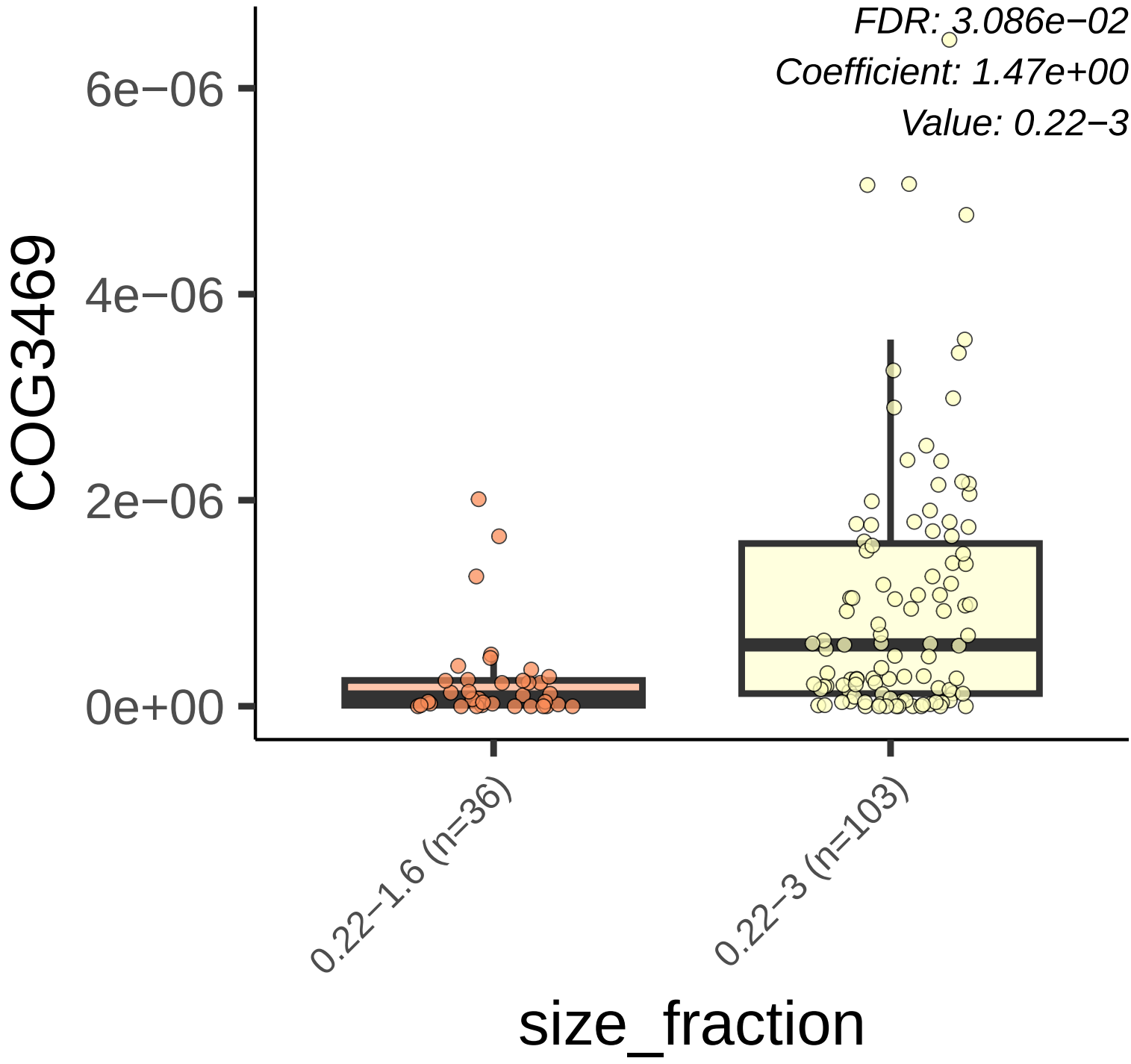

FDR: 3.027e−02
Coefficient: 2.47e+00
Value: 0.22−3
COG4353
1.5e−06
1.0e−06
5.0e−07
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

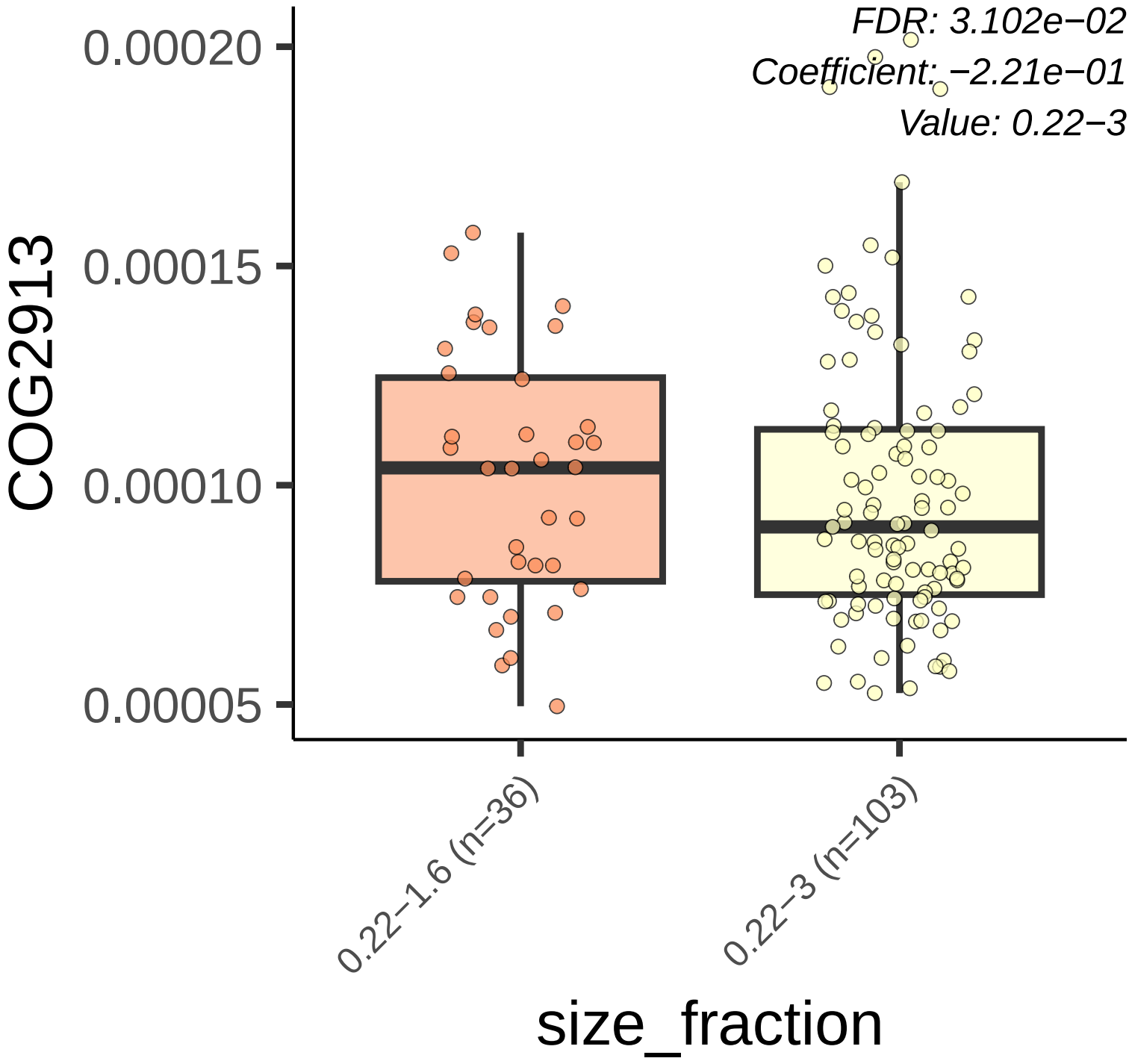

FDR: 3.070e−02
Coefficient: −2.59e−01
Value: 0.22−3
COG5590
7.5e−05
5.0e−05
2.5e−05
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

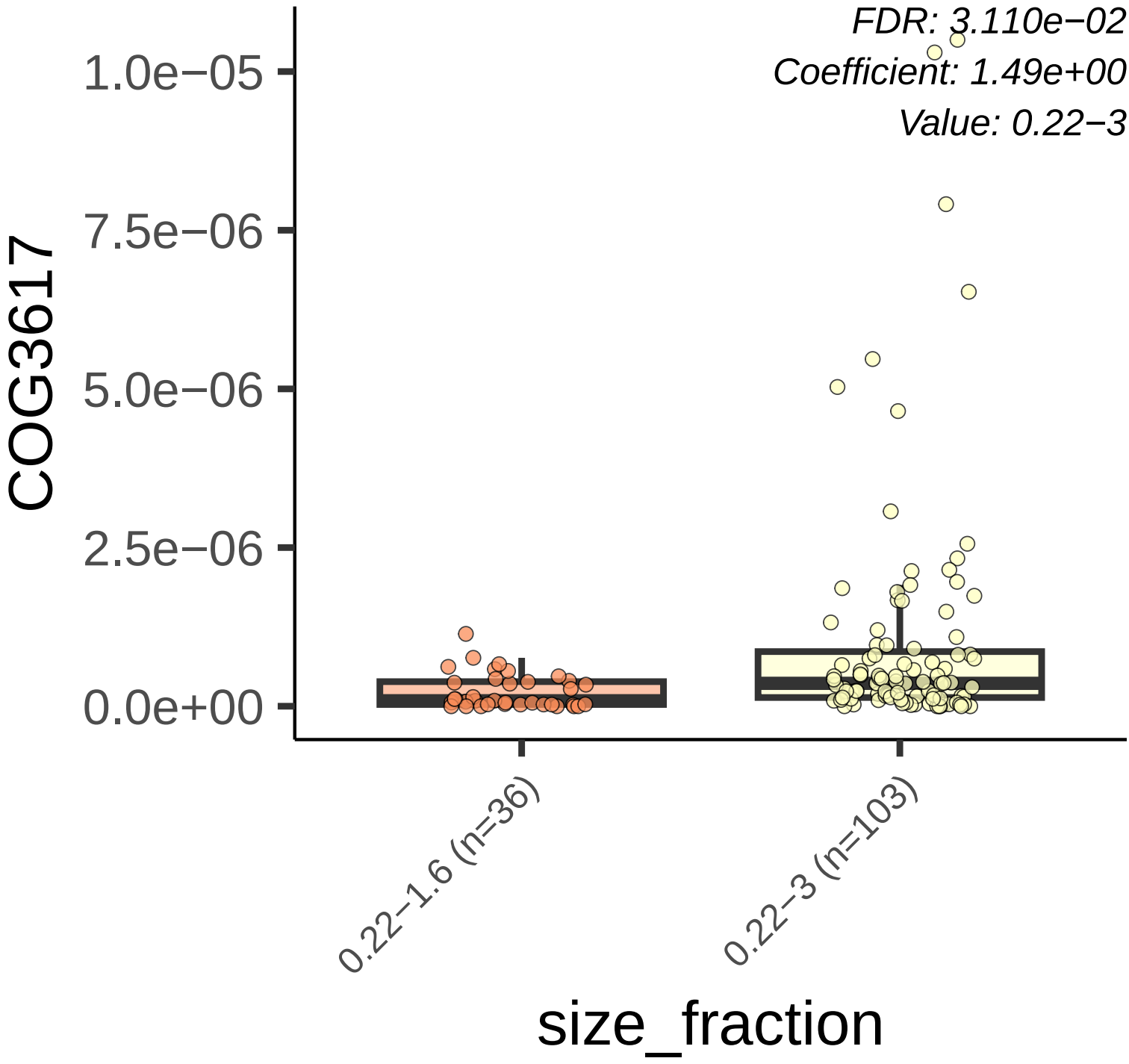

FDR: 3.071e−02
Coefficient: −2.00e−01
Value: 0.22−3
COG4662
0.00012
0.00010
0.00008
0.00006
0.00004
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

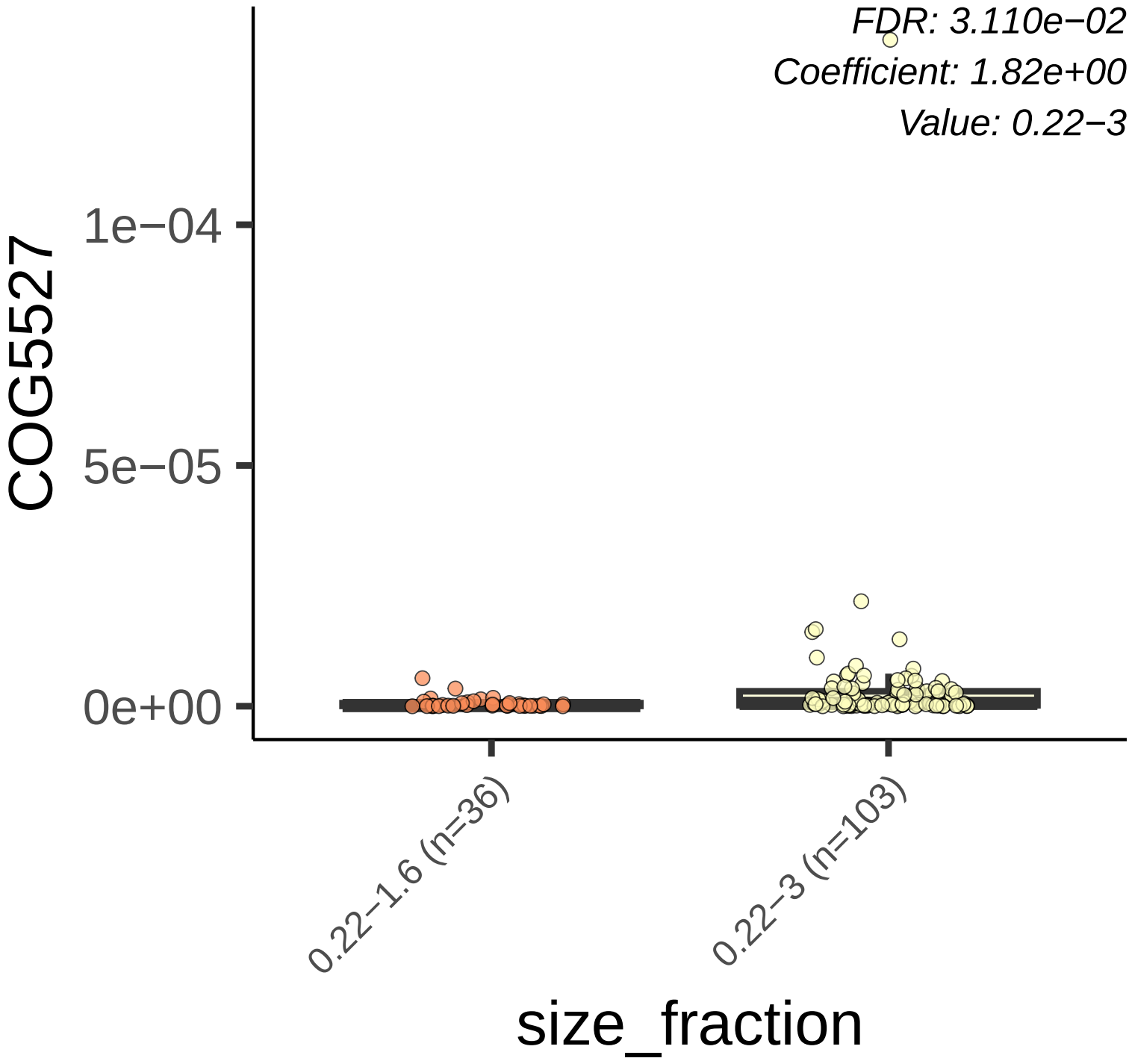

FDR: 3.077e−02
Coefficient: 9.10e−01
Value: 0.22−3
COG1203
8e−05
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

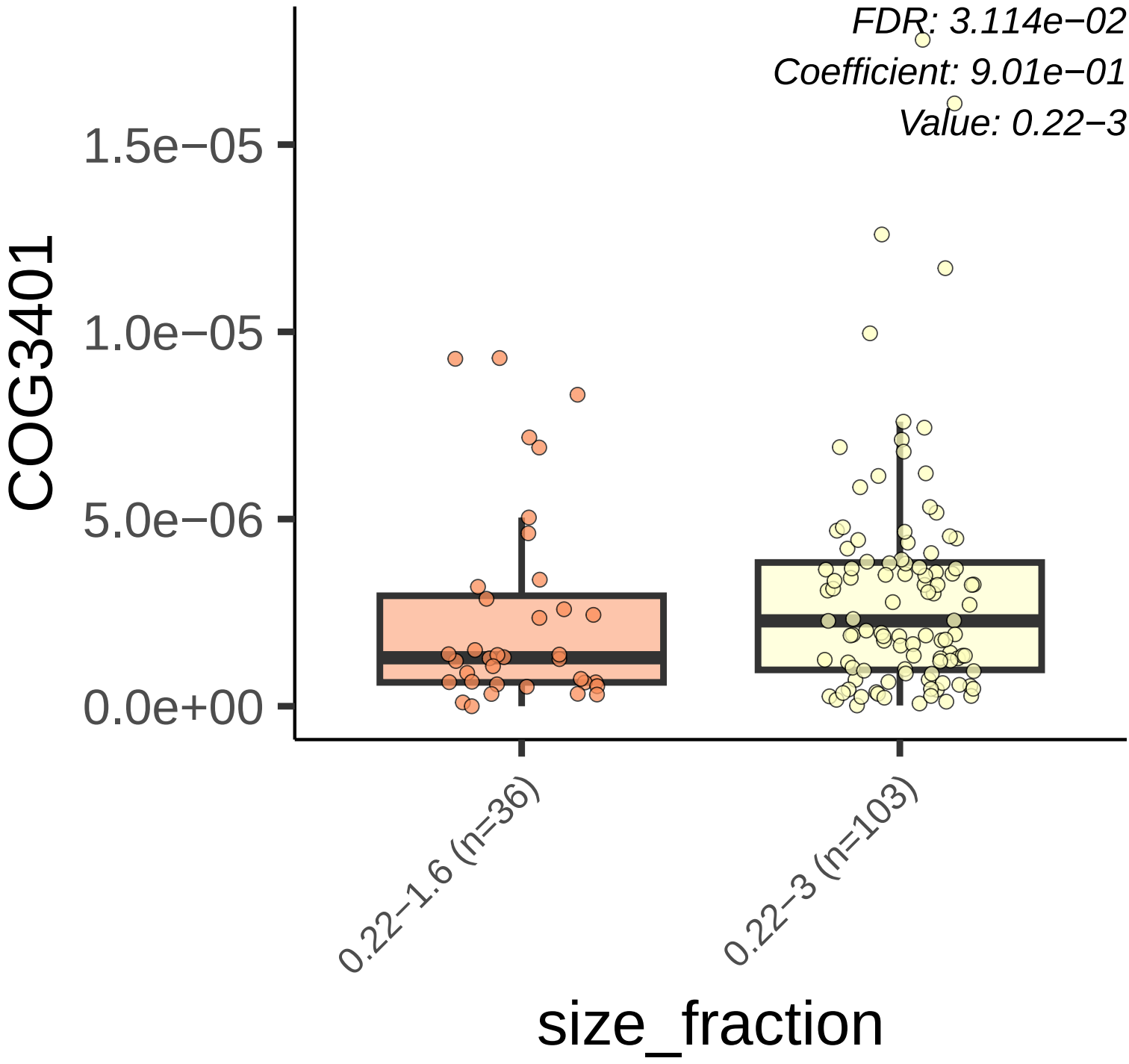

FDR: 3.079e−02
Coefficient: −4.95e−01
Value: 0.22−3
COG4209
8e−06
6e−06
4e−06
2e−06
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

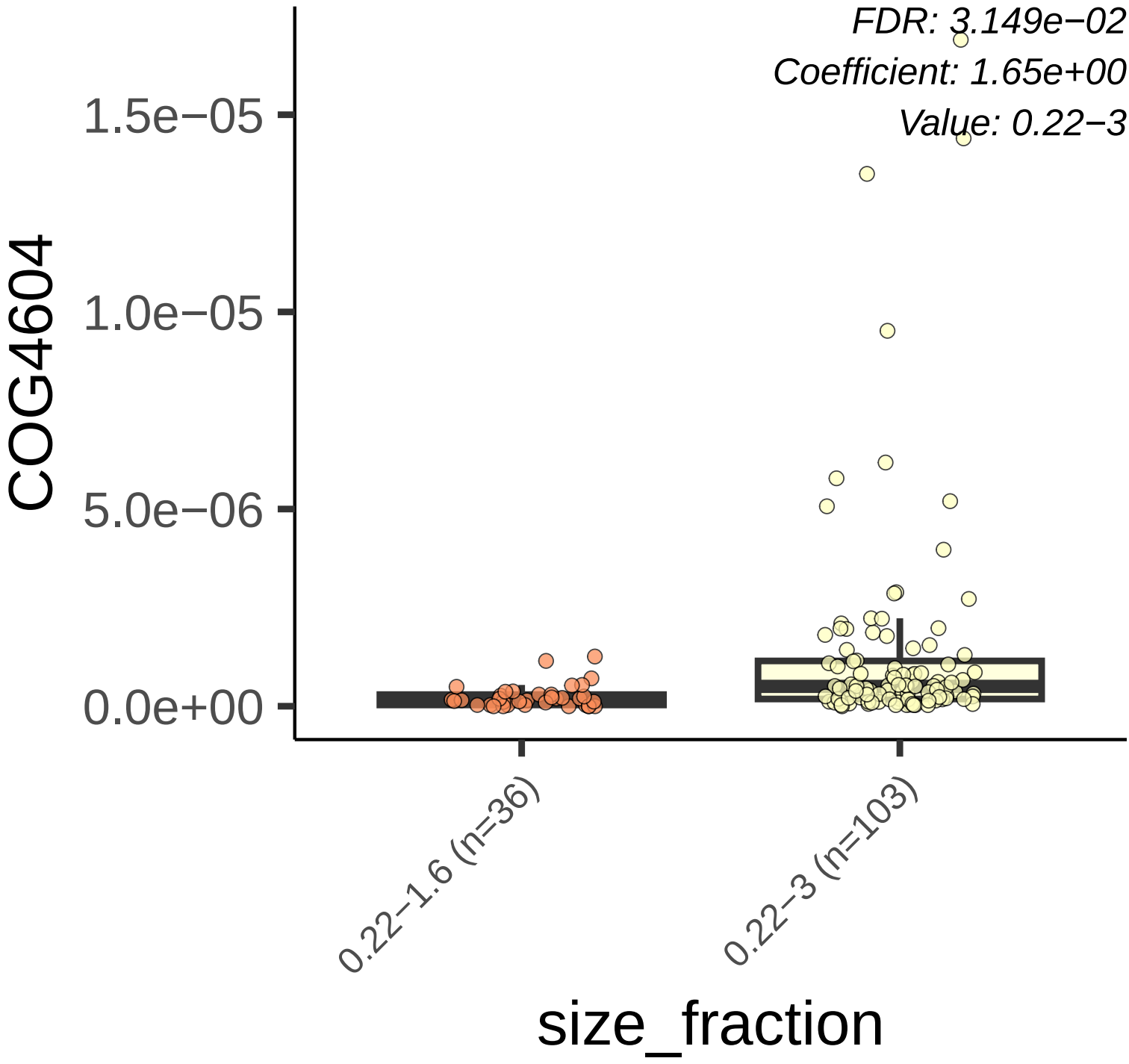

FDR: 3.086e−02
Coefficient: 1.47e+00
Value: 0.22−3
COG3469
6e−06
4e−06
2e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

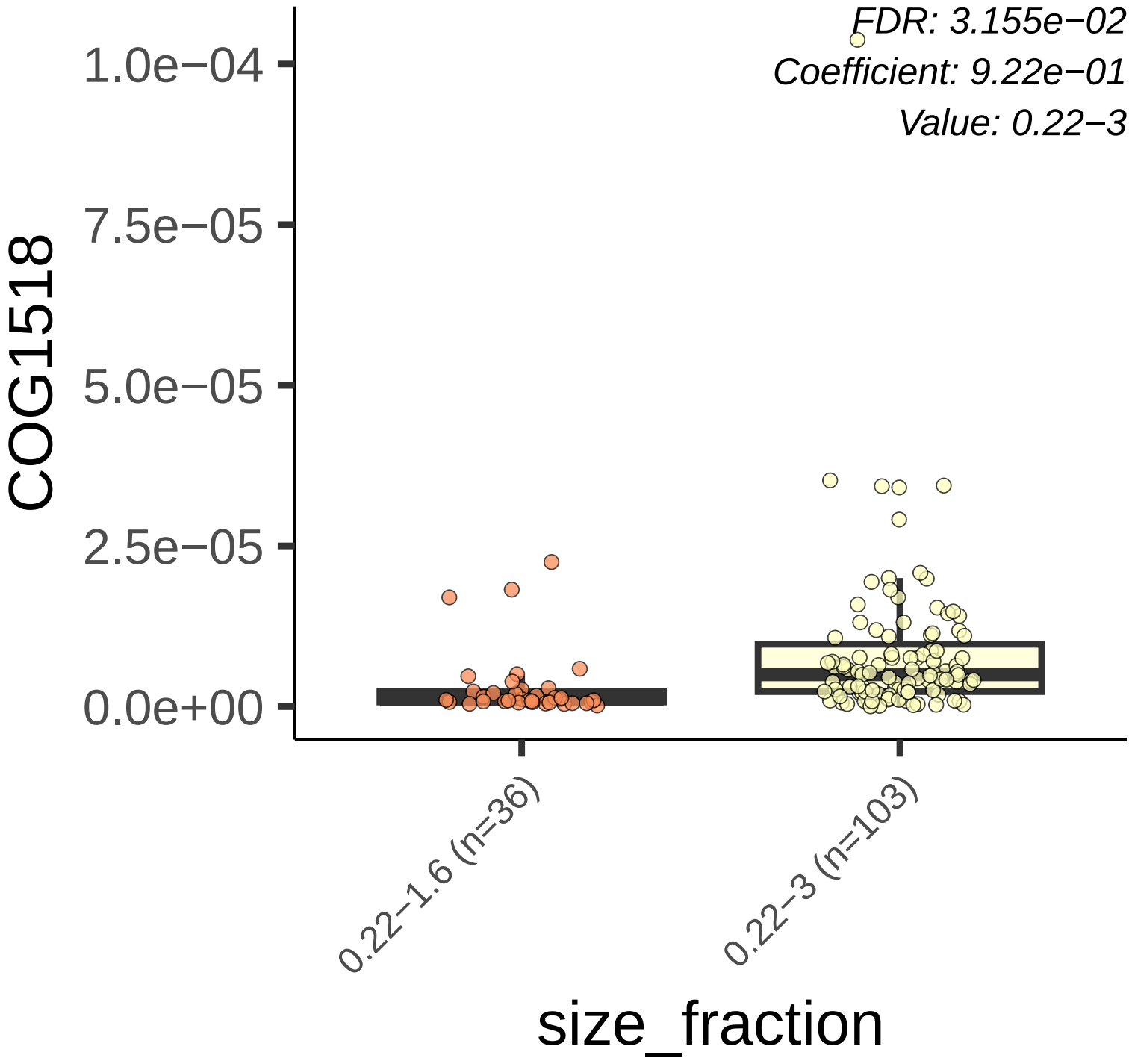

FDR: 3.102e−02
Coefficient: −2.21e−01
Value: 0.22−3
COG2913
0.00020
0.00015
0.00010
0.00005
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

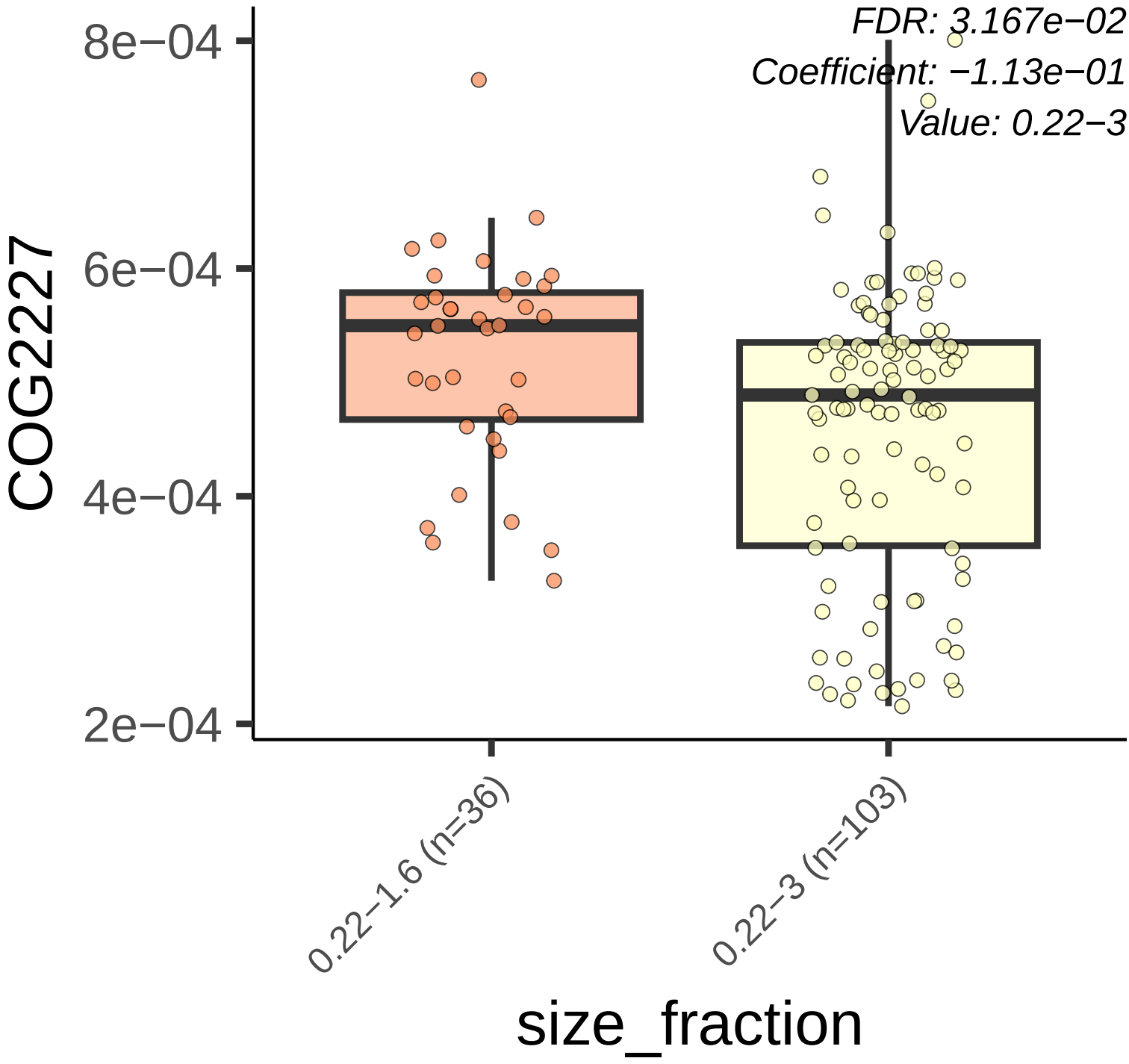

FDR: 3.110e−02
Coefficient: 1.49e+00
Value: 0.22−3
COG3617
1.0e−05
7.5e−06
5.0e−06
2.5e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

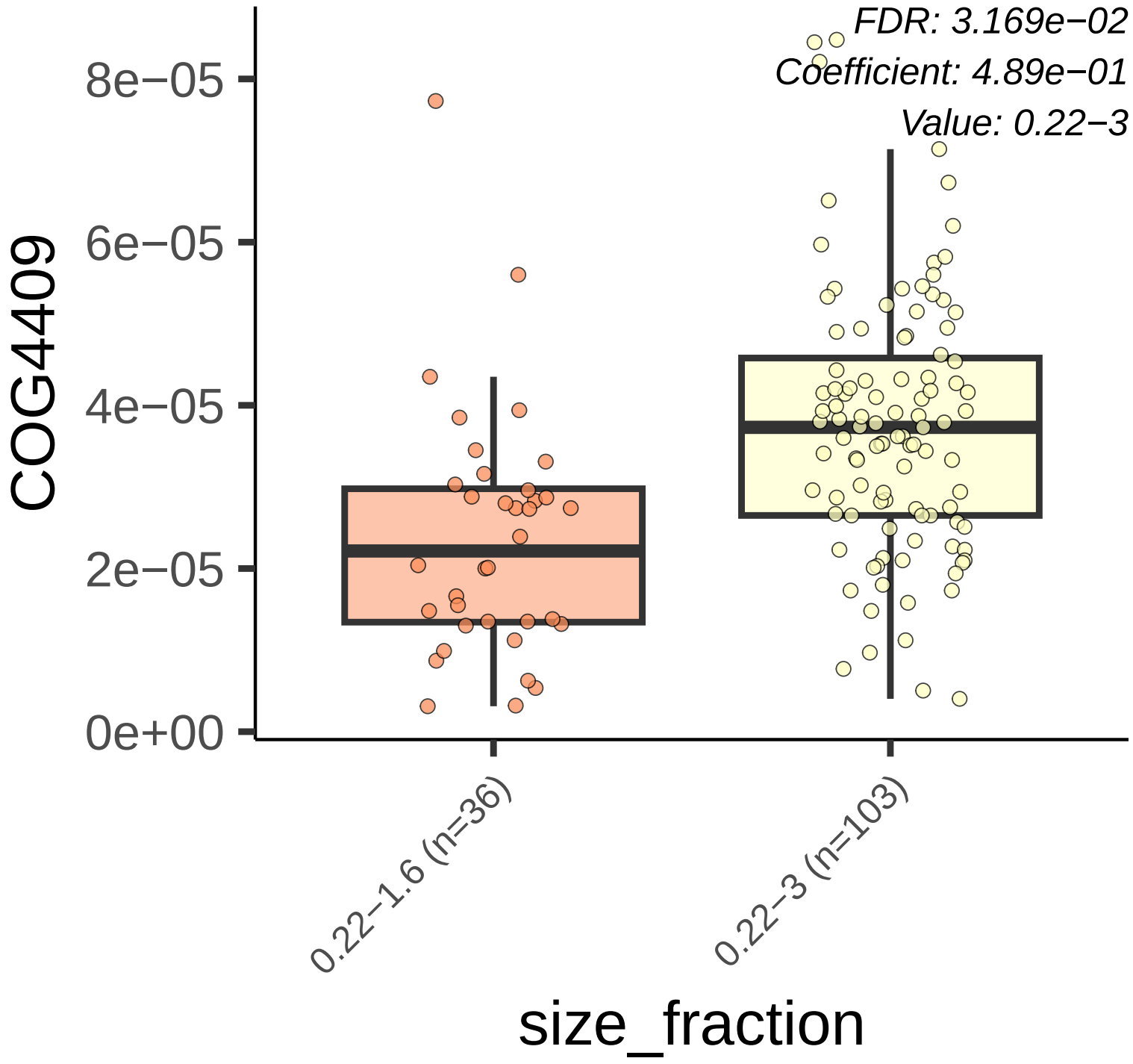

FDR: 3.110e−02
Coefficient: 1.82e+00
Value: 0.22−3
COG5527
1e−04
5e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

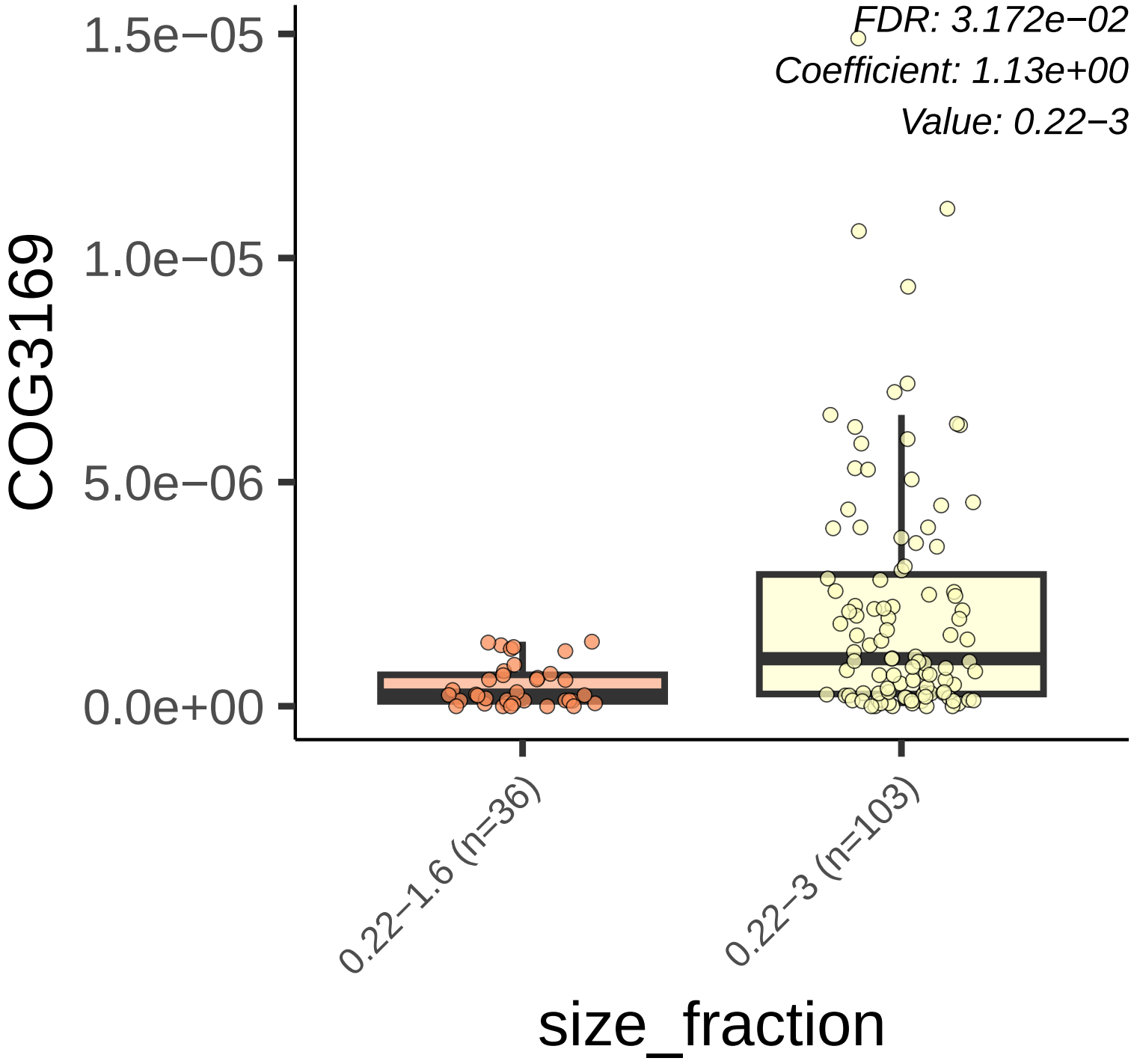

FDR: 3.114e−02
Coefficient: 9.01e−01
Value: 0.22−3
COG3401
1.5e−05
1.0e−05
5.0e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

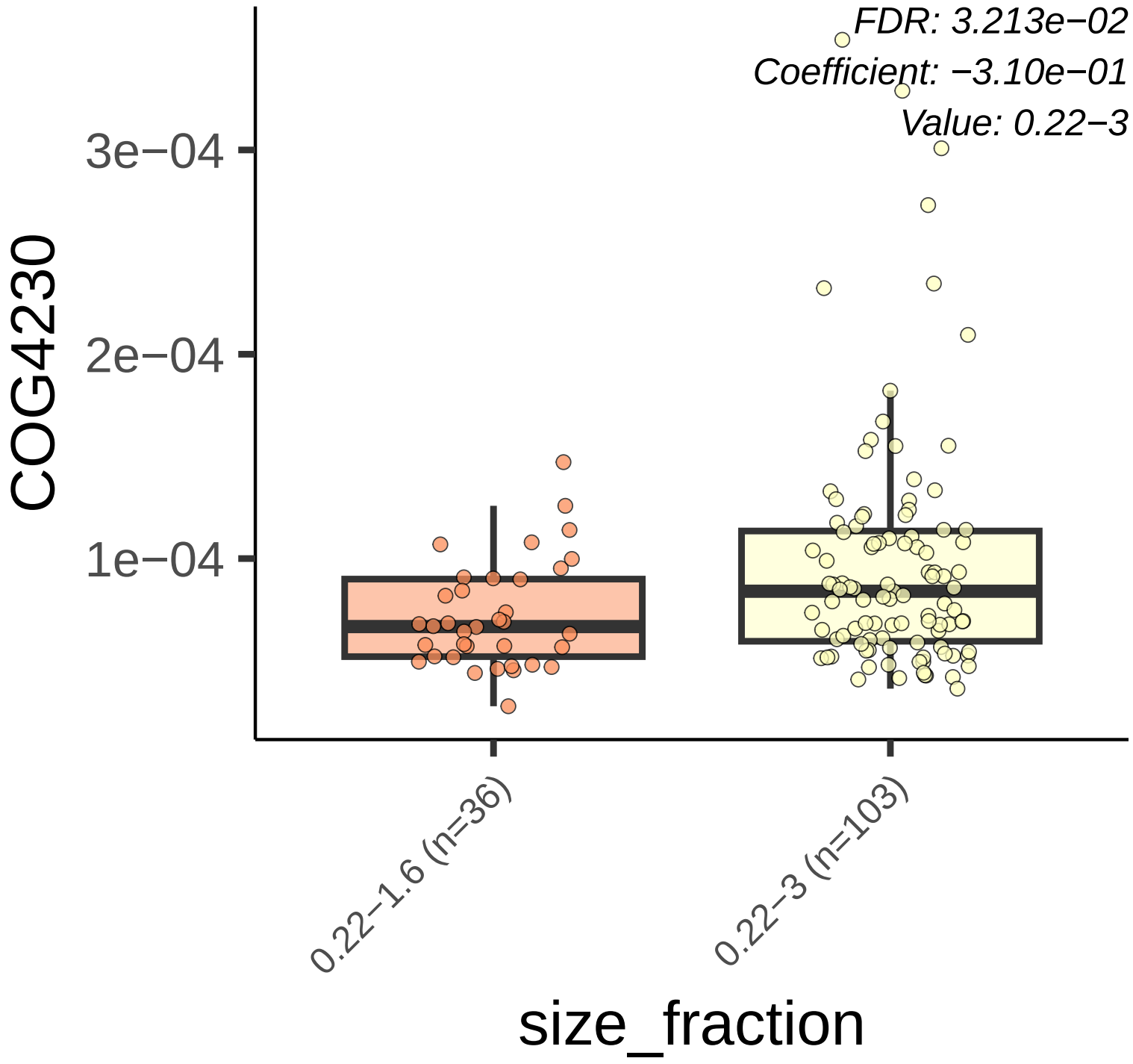

FDR: 3.149e−02
Coefficient: 1.65e+00
Value: 0.22−3
COG4604
1.5e−05
1.0e−05
5.0e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

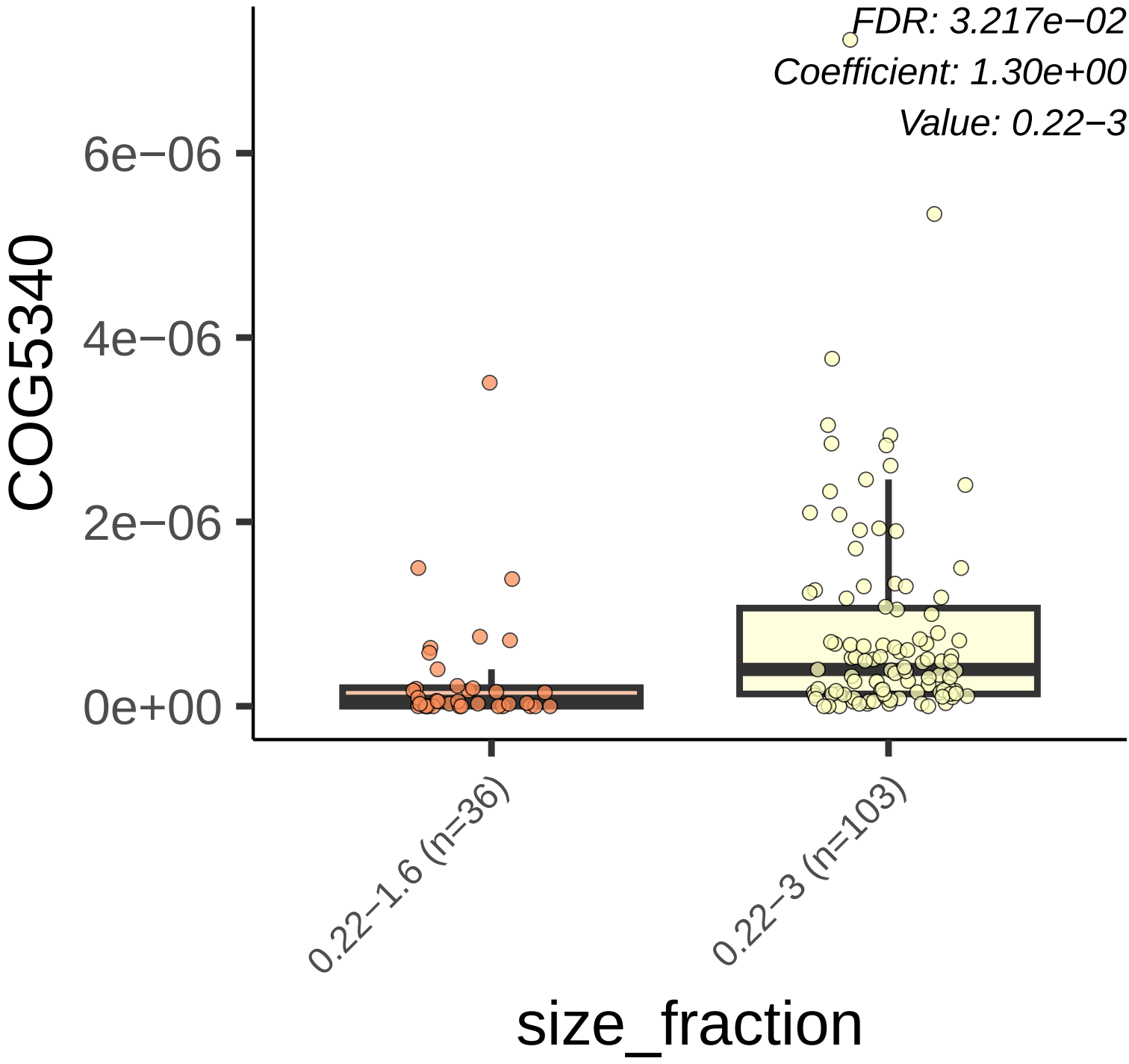

FDR: 3.155e−02
Coefficient: 9.22e−01
Value: 0.22−3
COG1518
1.0e−04
7.5e−05
5.0e−05
2.5e−05
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

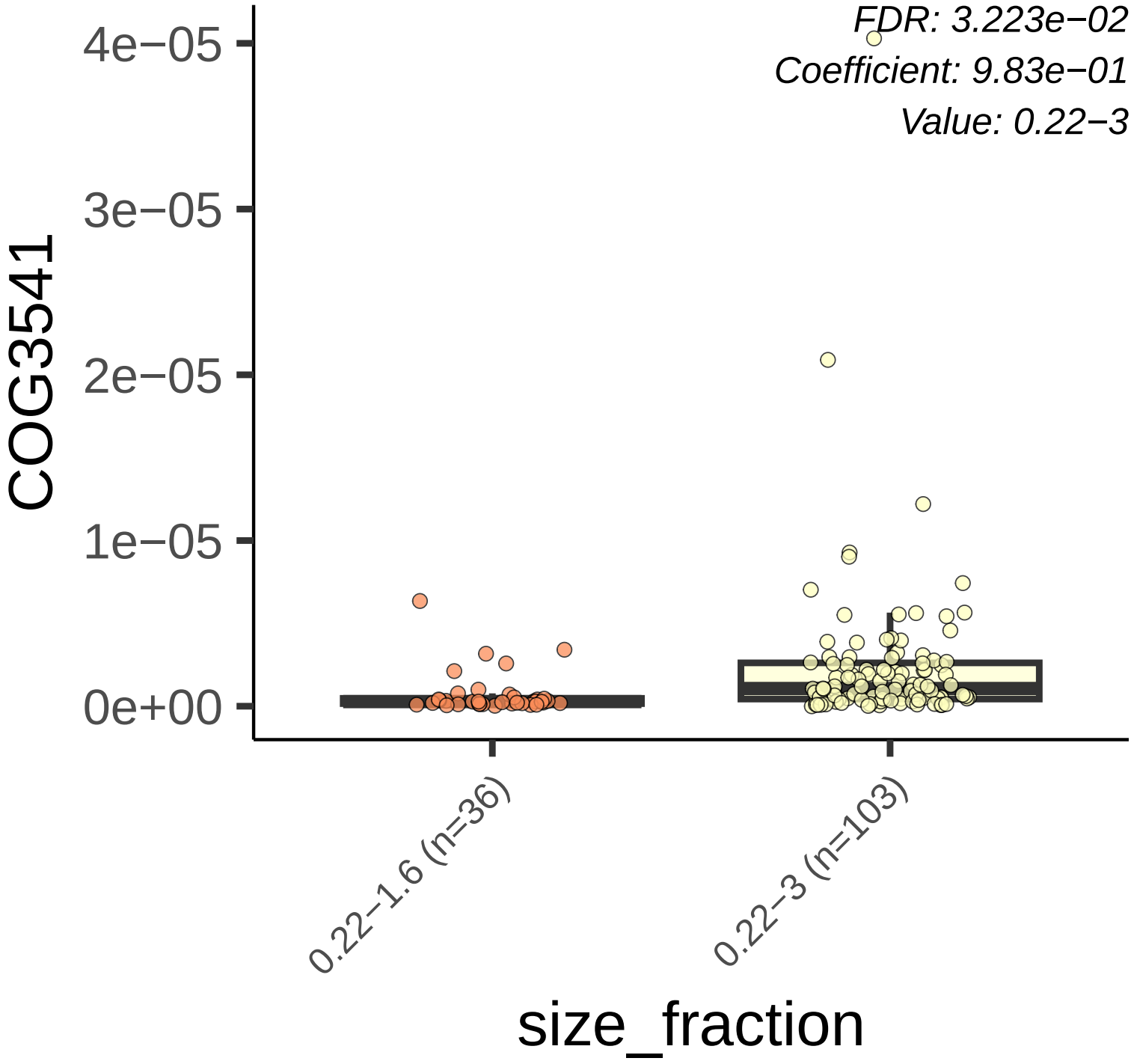

FDR: 3.167e−02
Coefficient: −1.13e−01
Value: 0.22−3
8e−04
6e−04
4e−04
2e−04
COG2227
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

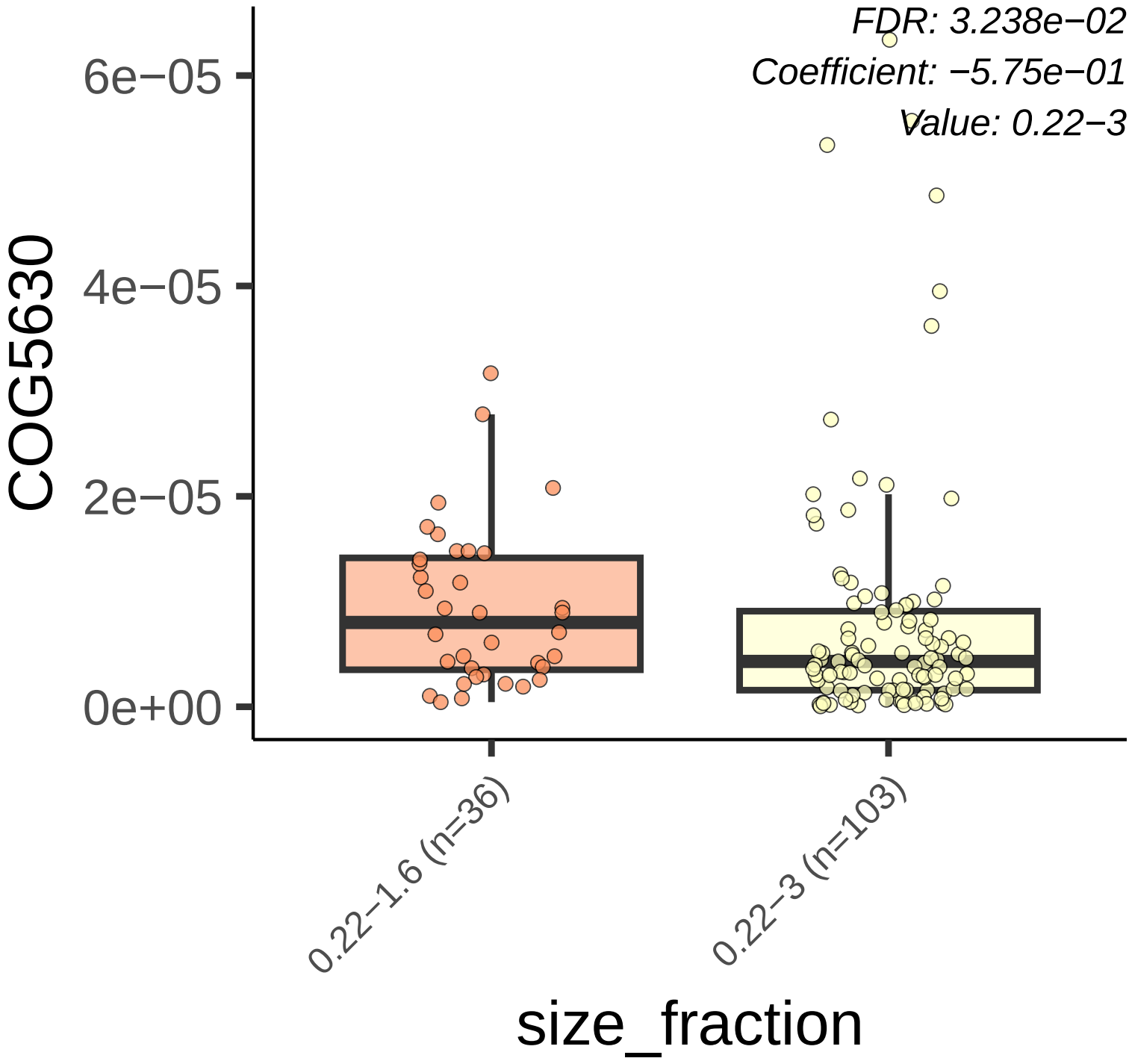

FDR: 3.169e−02
Coefficient: 4.89e−01
Value: 0.22−3
COG4409
8e−05
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

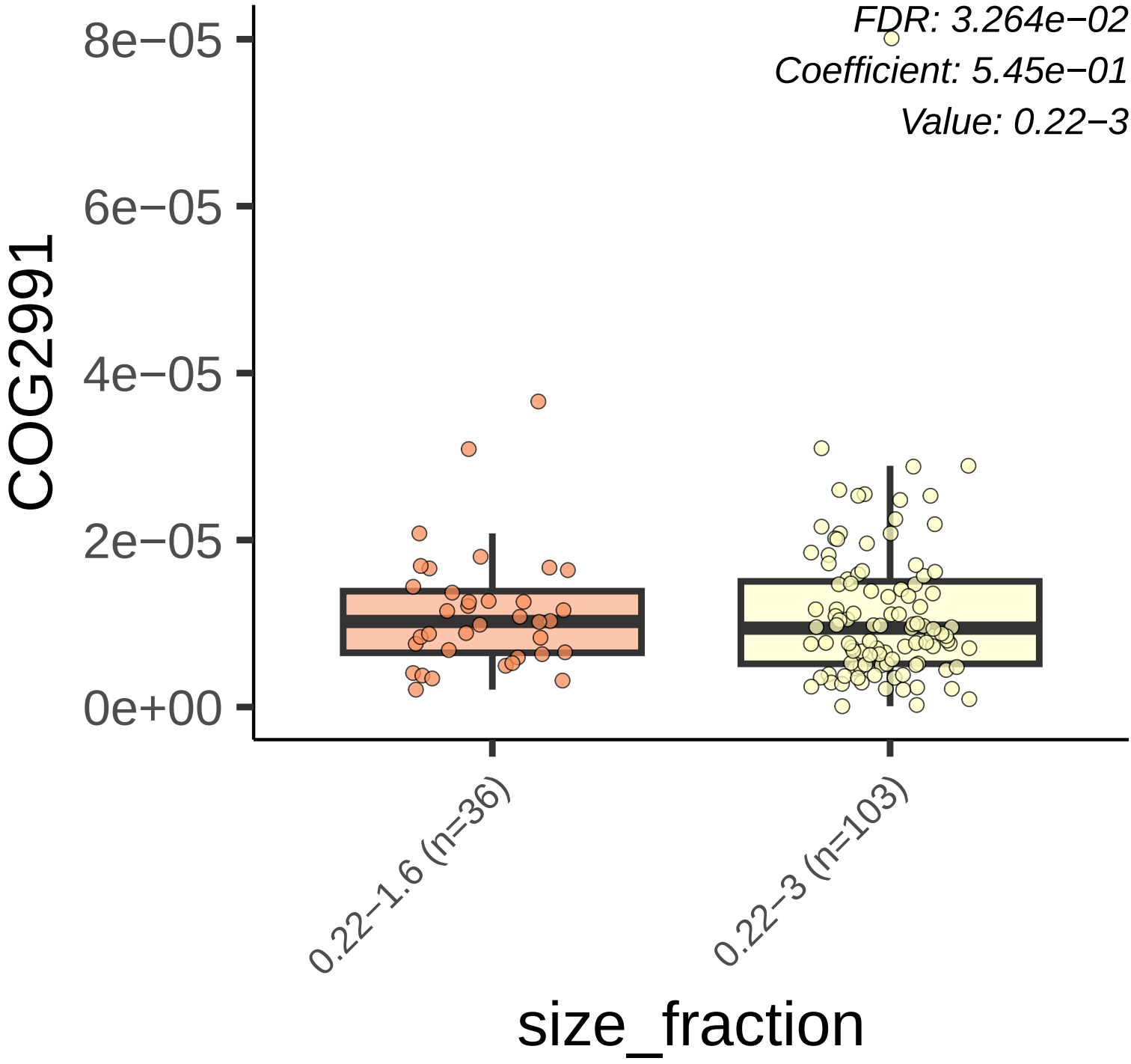

FDR: 3.172e−02
Coefficient: 1.13e+00
Value: 0.22−3
COG3169
1.5e−05
1.0e−05
5.0e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

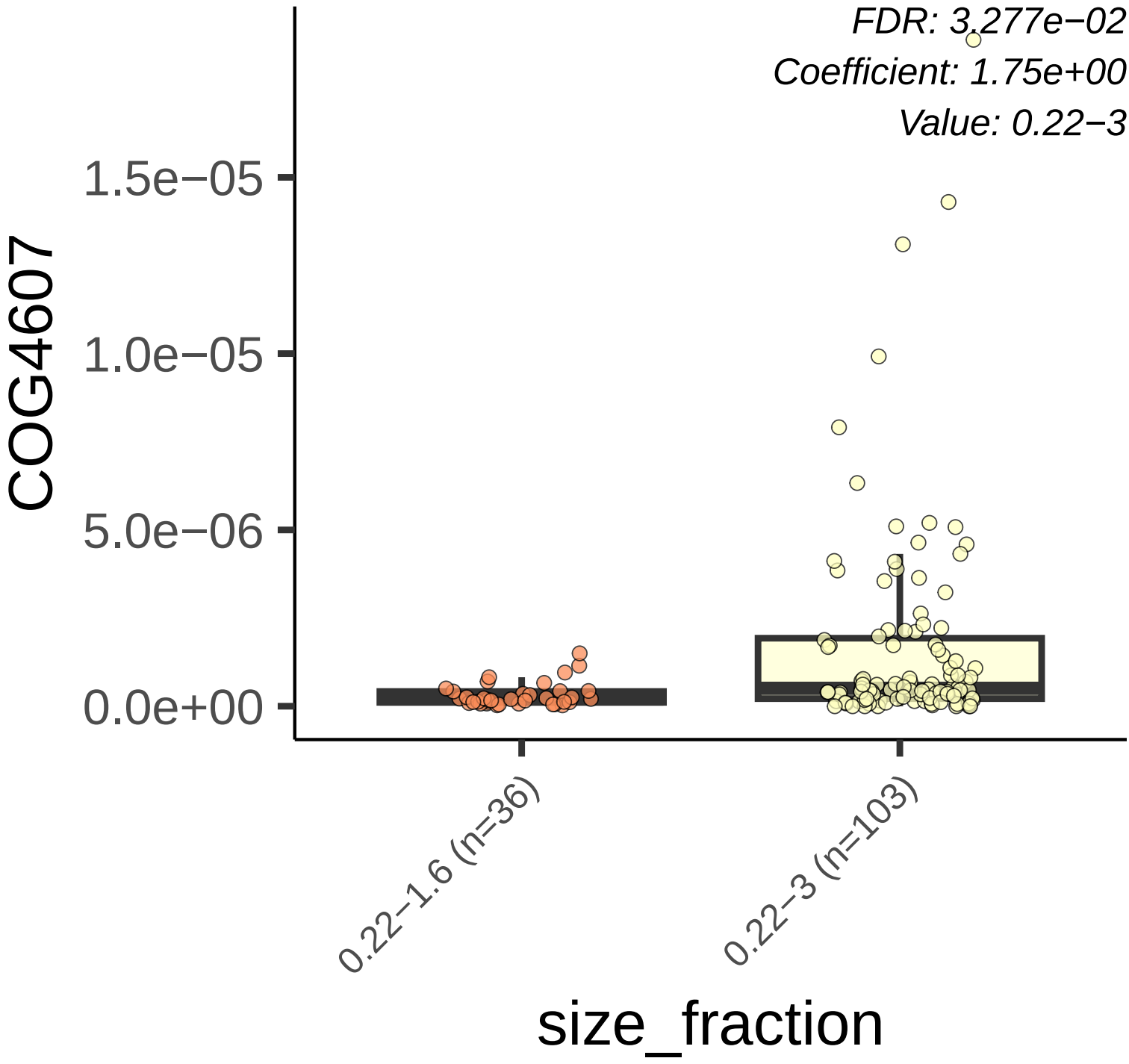

FDR: 3.213e−02
Coefficient: −3.10e−01
Value: 0.22−3
COG4230
3e−04
2e−04
1e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

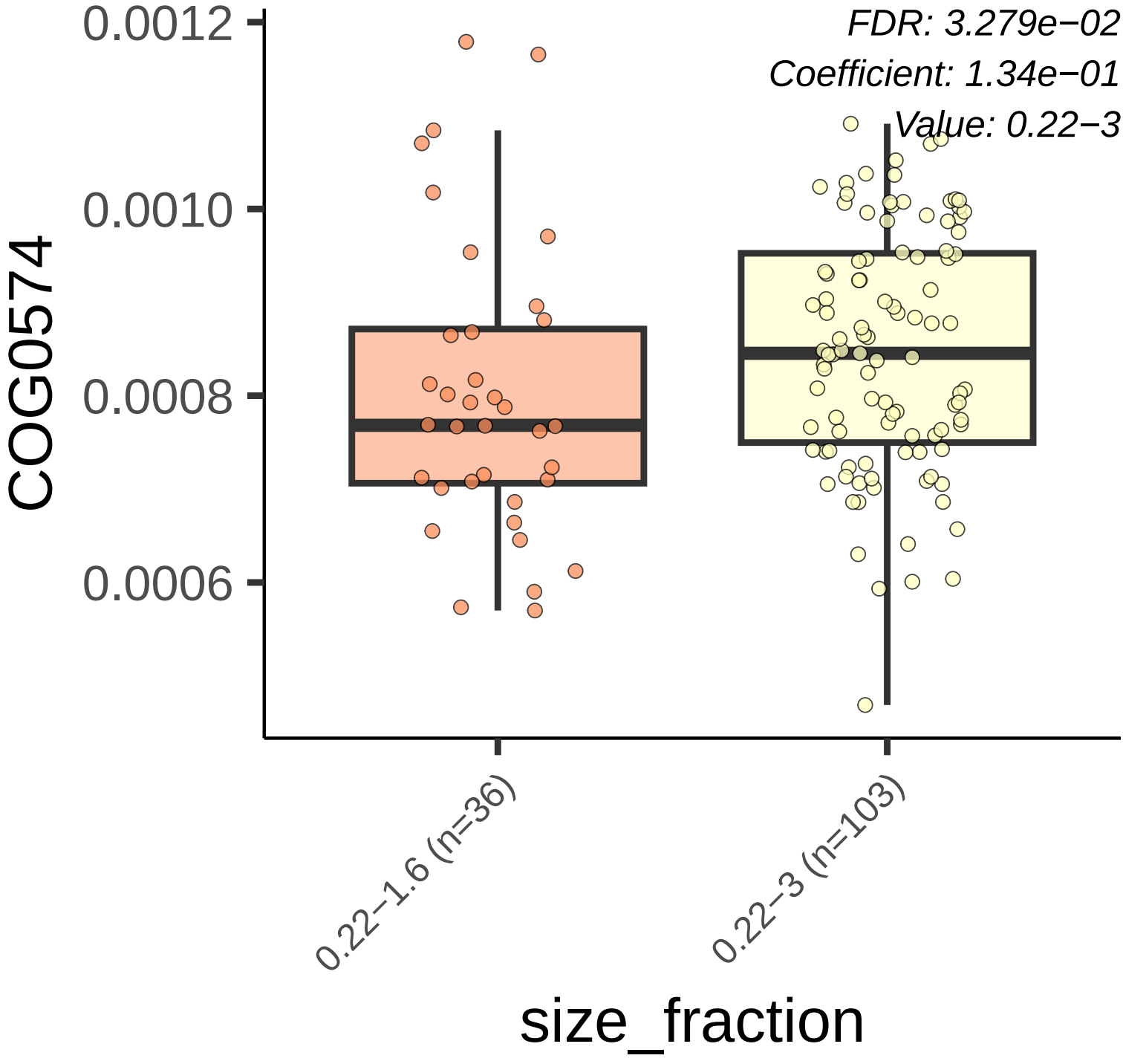

FDR: 3.217e−02
Coefficient: 1.30e+00
Value: 0.22−3
COG5340
6e−06
4e−06
2e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

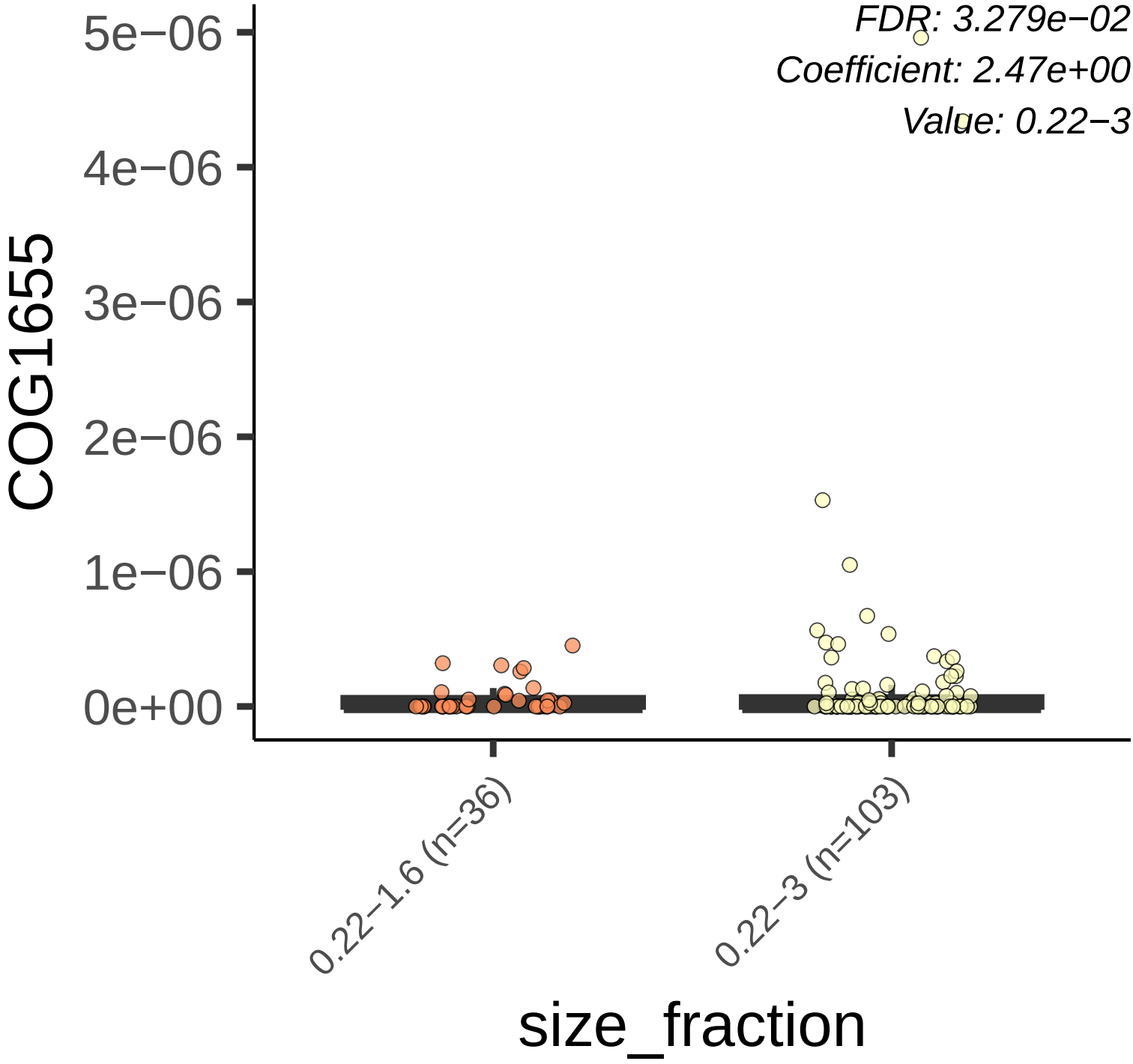

FDR: 3.223e−02
Coefficient: 9.83e−01
Value: 0.22−3
COG3541
4e−05
3e−05
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

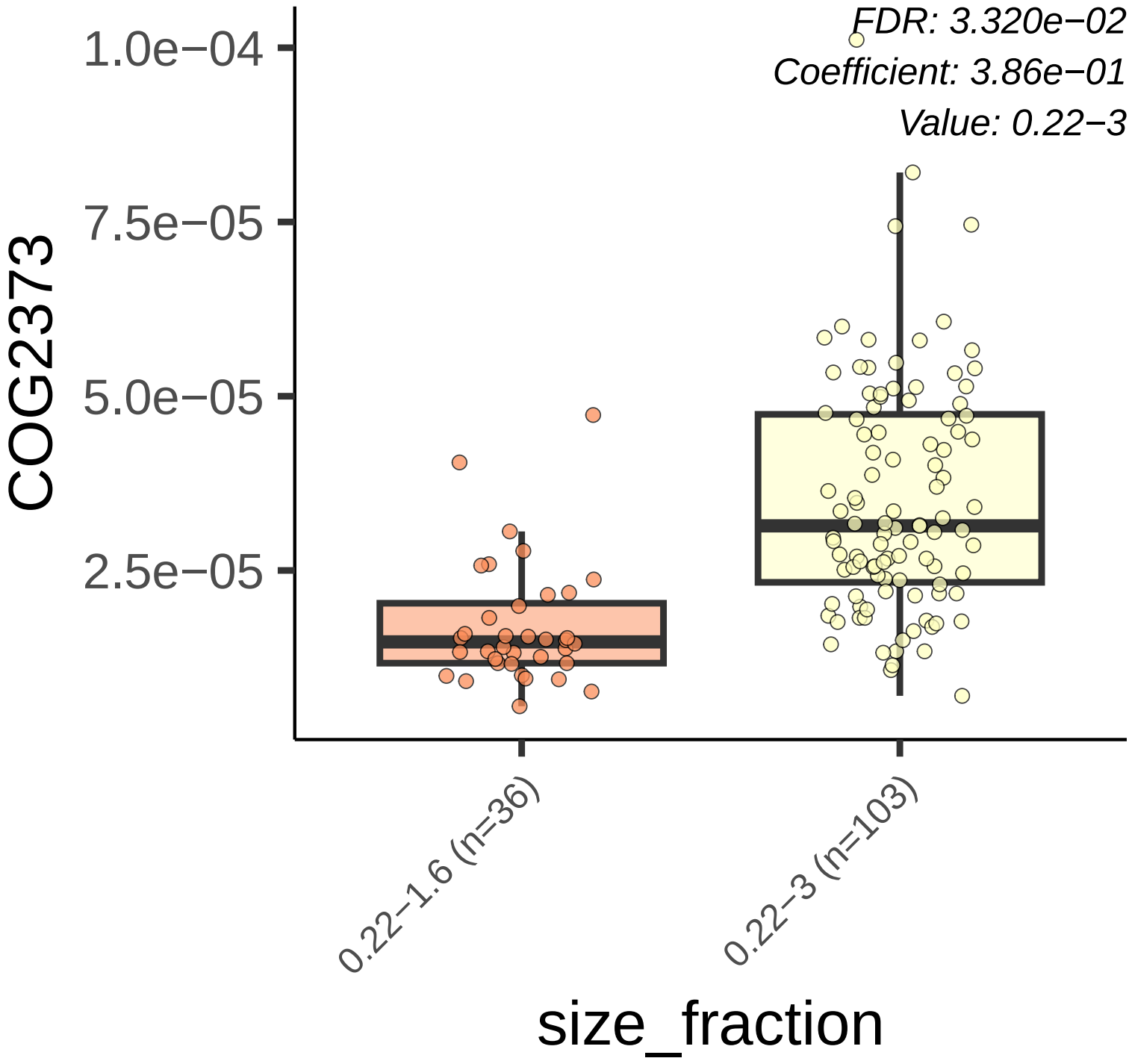

FDR: 3.238e−02
Coefficient: −5.75e−01
Value: 0.22−3
COG5630
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

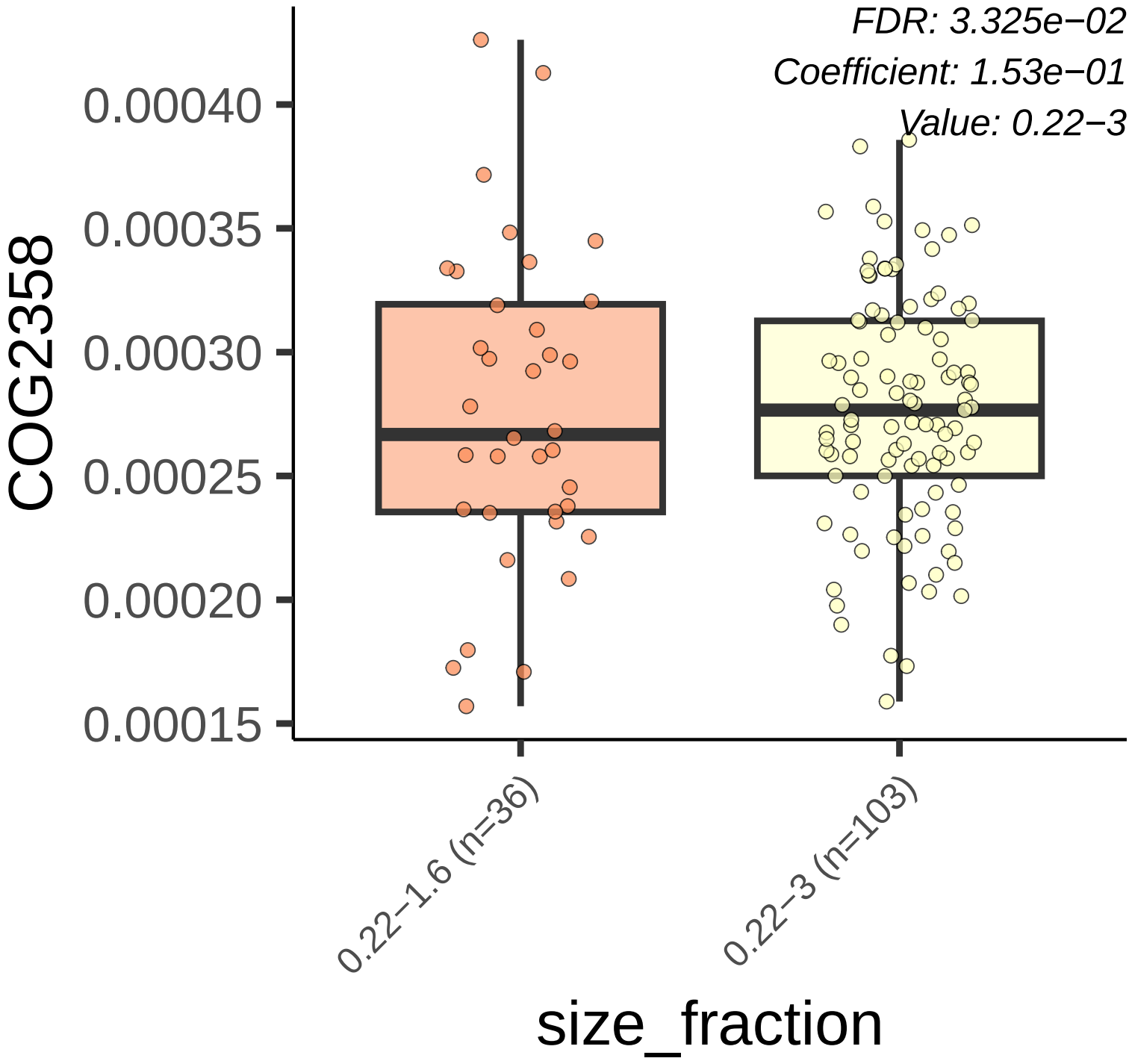

FDR: 3.264e−02
Coefficient: 5.45e−01
Value: 0.22−3
COG2991
8e−05
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

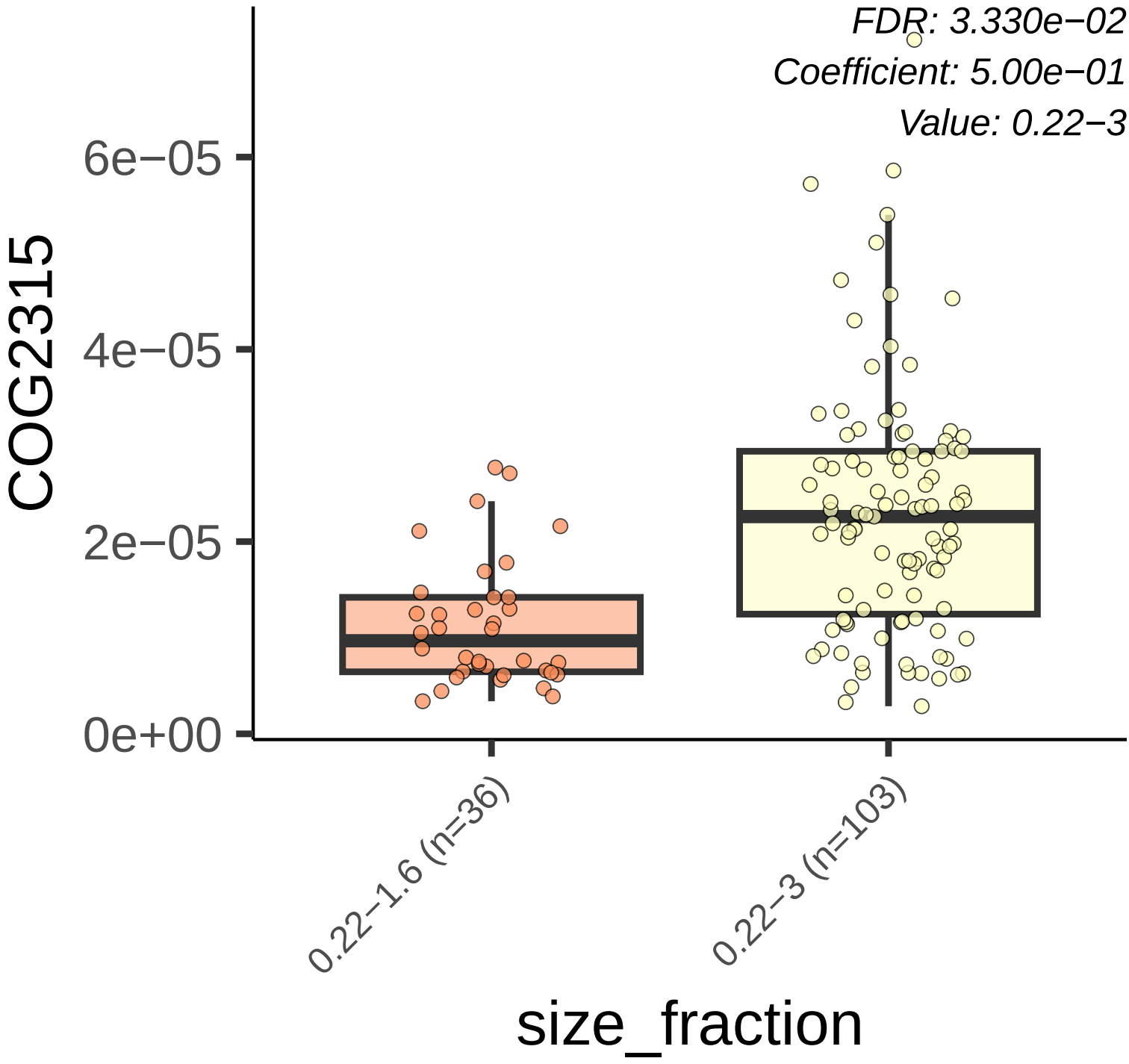

FDR: 3.277e−02
Coefficient: 1.75e+00
Value: 0.22−3
COG4607
1.5e−05
1.0e−05
5.0e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

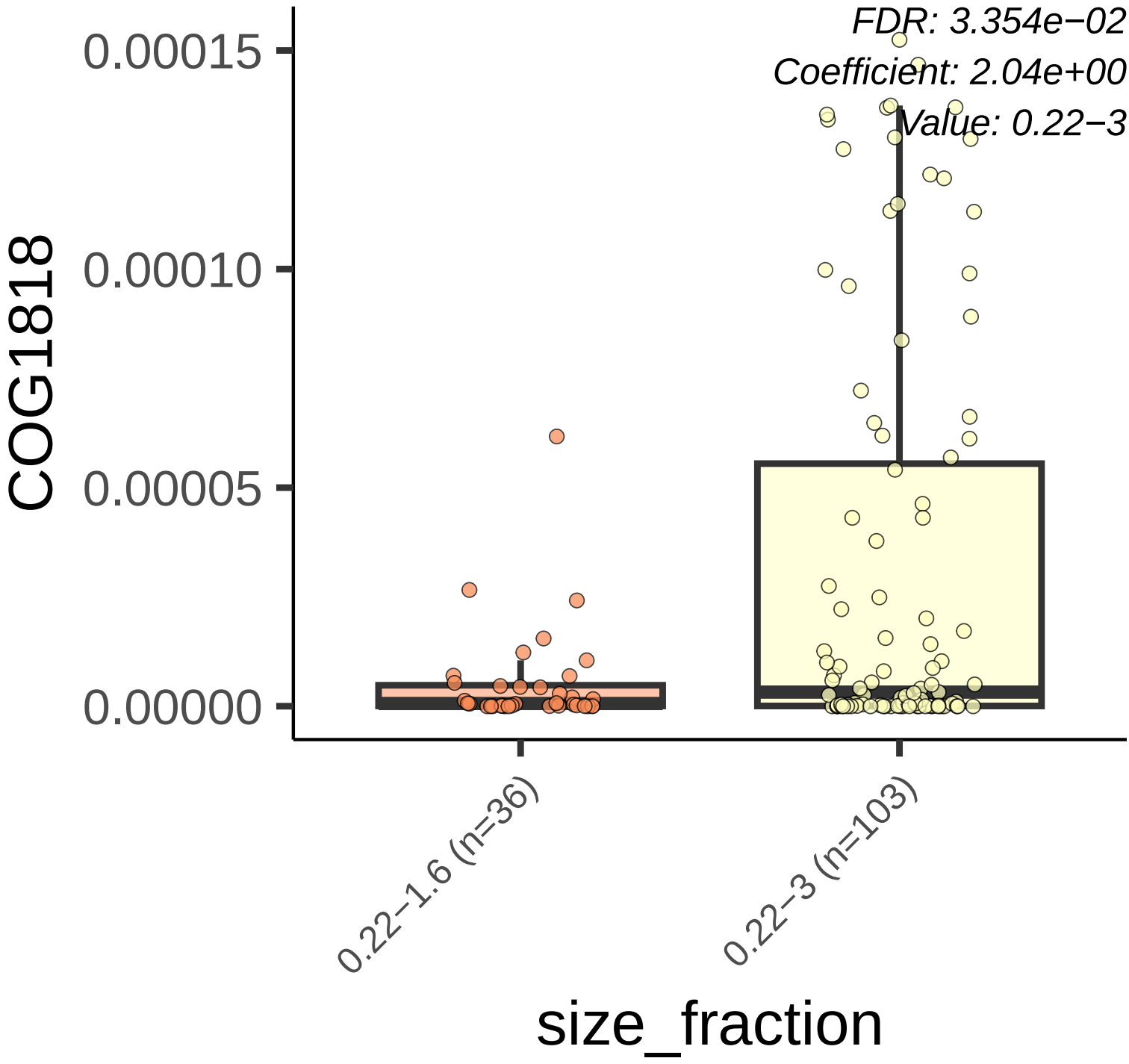

FDR: 3.279e−02
Coefficient: 1.34e−01
Value: 0.22−3
0.0012
0.0010
0.0008
0.0006
COG0574
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

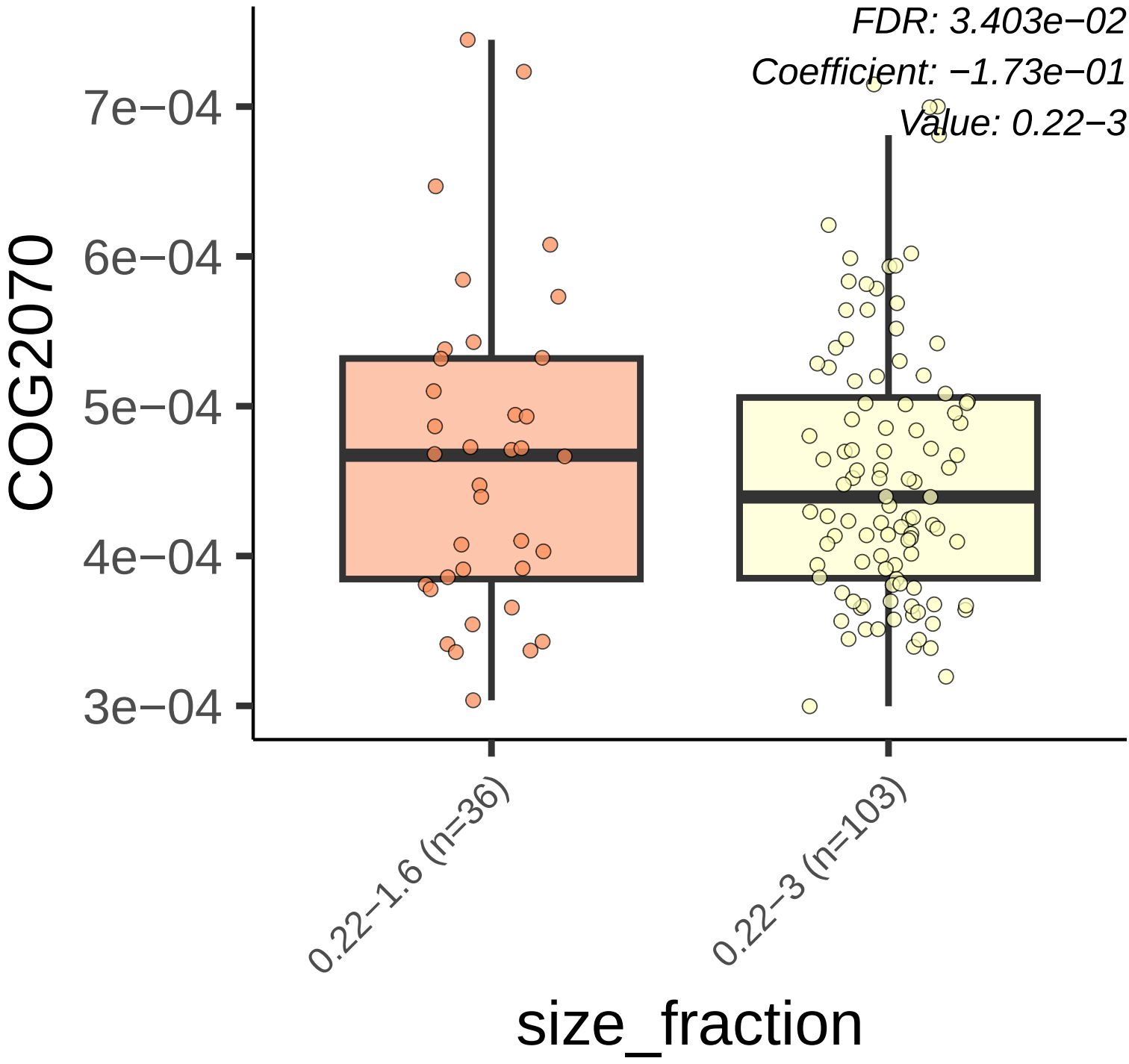

FDR: 3.279e−02
Coefficient: 2.47e+00
Value: 0.22−3
COG1655
5e−06
4e−06
3e−06
2e−06
1e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

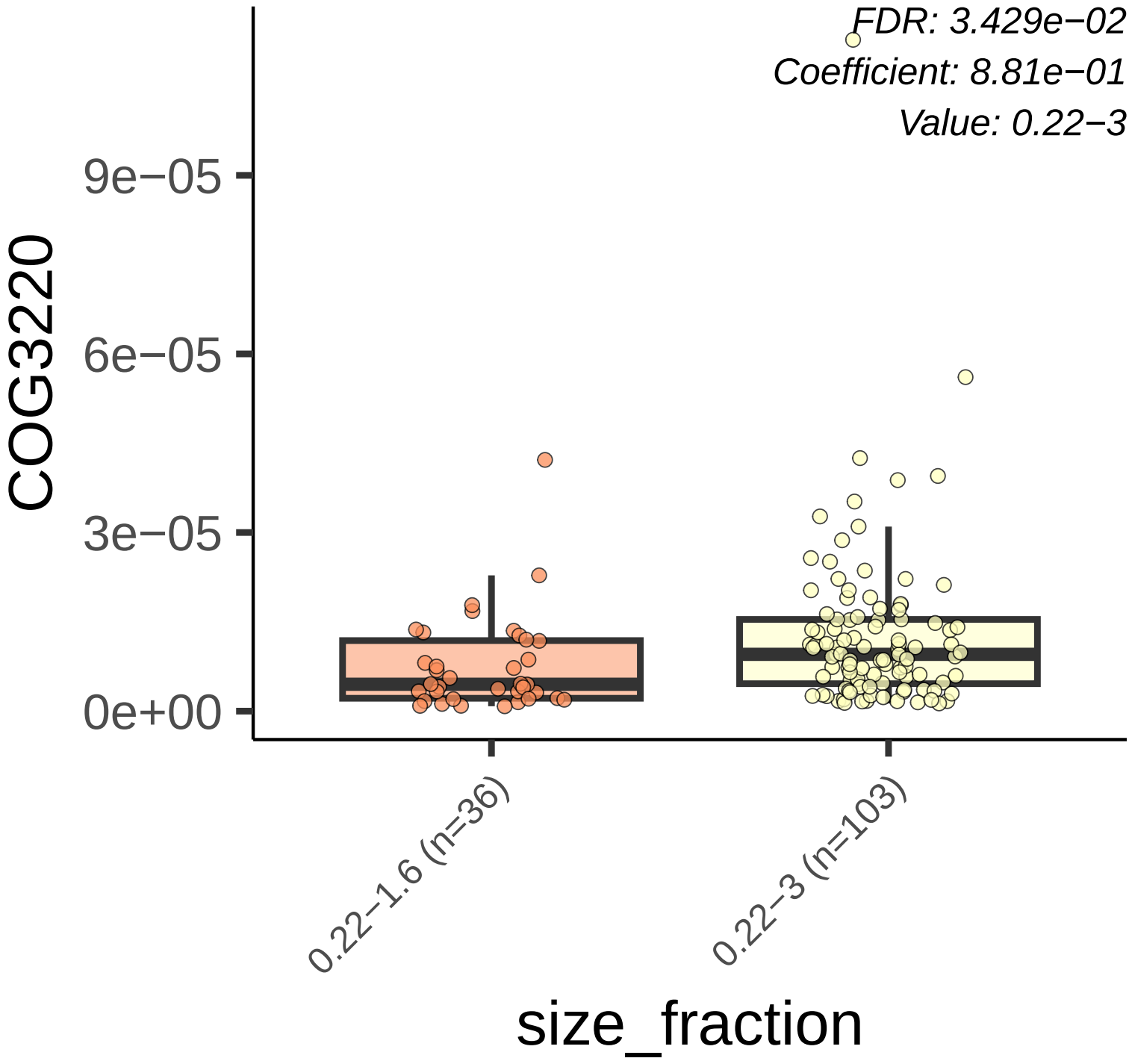

FDR: 3.320e−02
Coefficient: 3.86e−01
Value: 0.22−3
1.0e−04
7.5e−05
5.0e−05
2.5e−05
COG2373
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

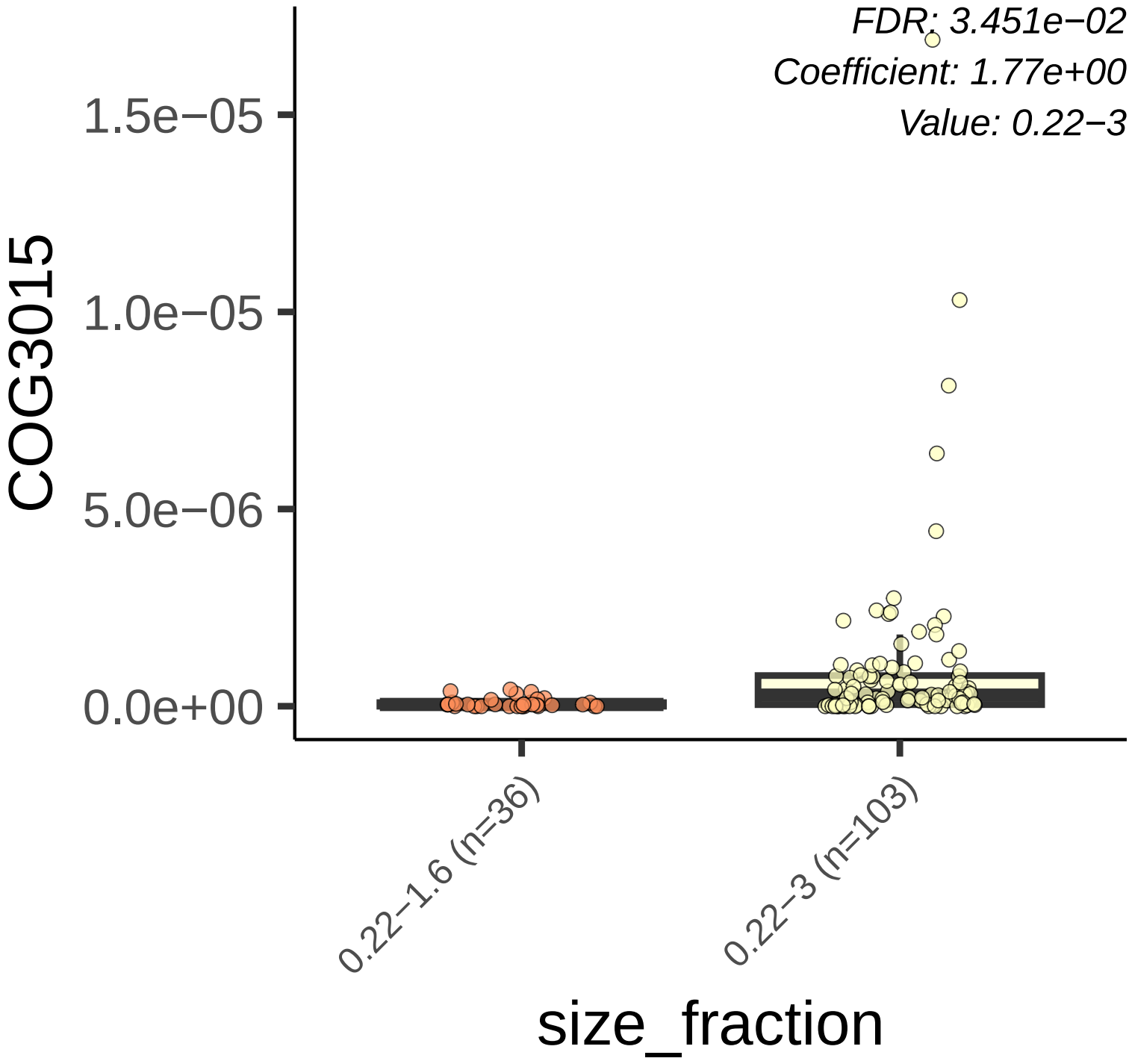

FDR: 3.325e−02
Coefficient: 1.53e−01
Value: 0.22−3
COG2358
0.00040
0.00035
0.00030
0.00025
0.00020
0.00015
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

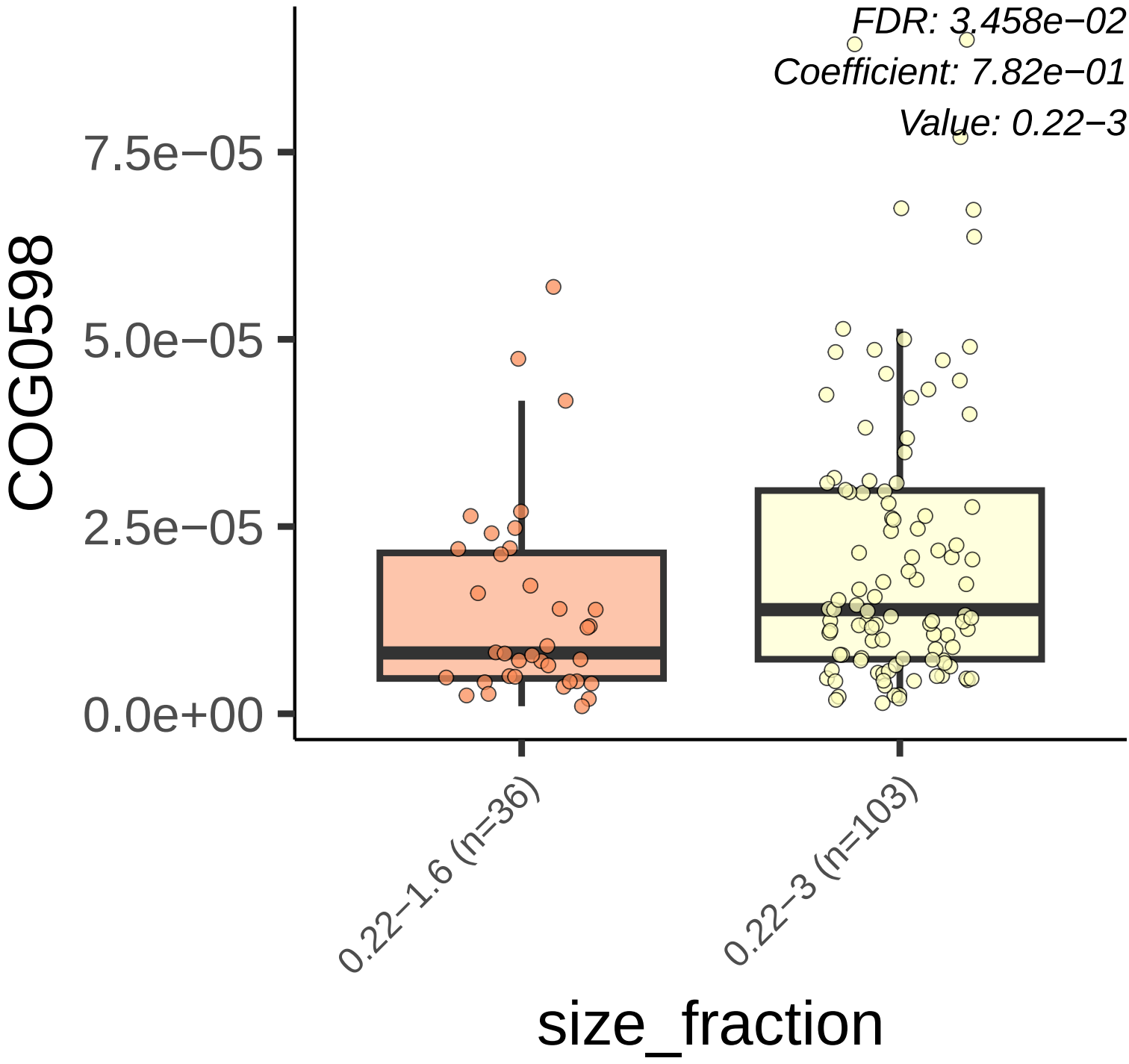

FDR: 3.330e−02
Coefficient: 5.00e−01
Value: 0.22−3
COG2315
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

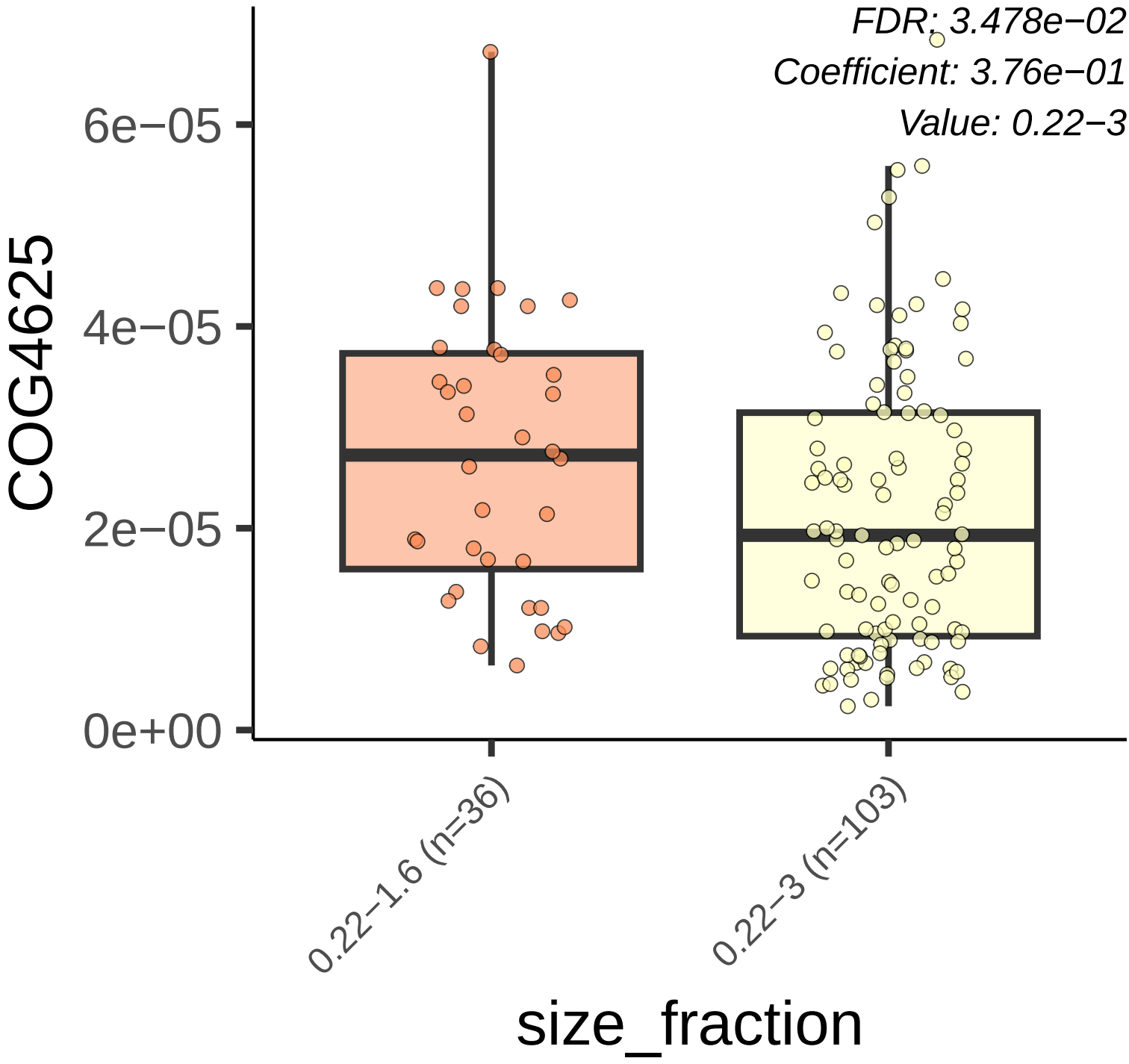

FDR: 3.354e−02
Coefficient: 2.04e+00
Value: 0.22−3
COG1818
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

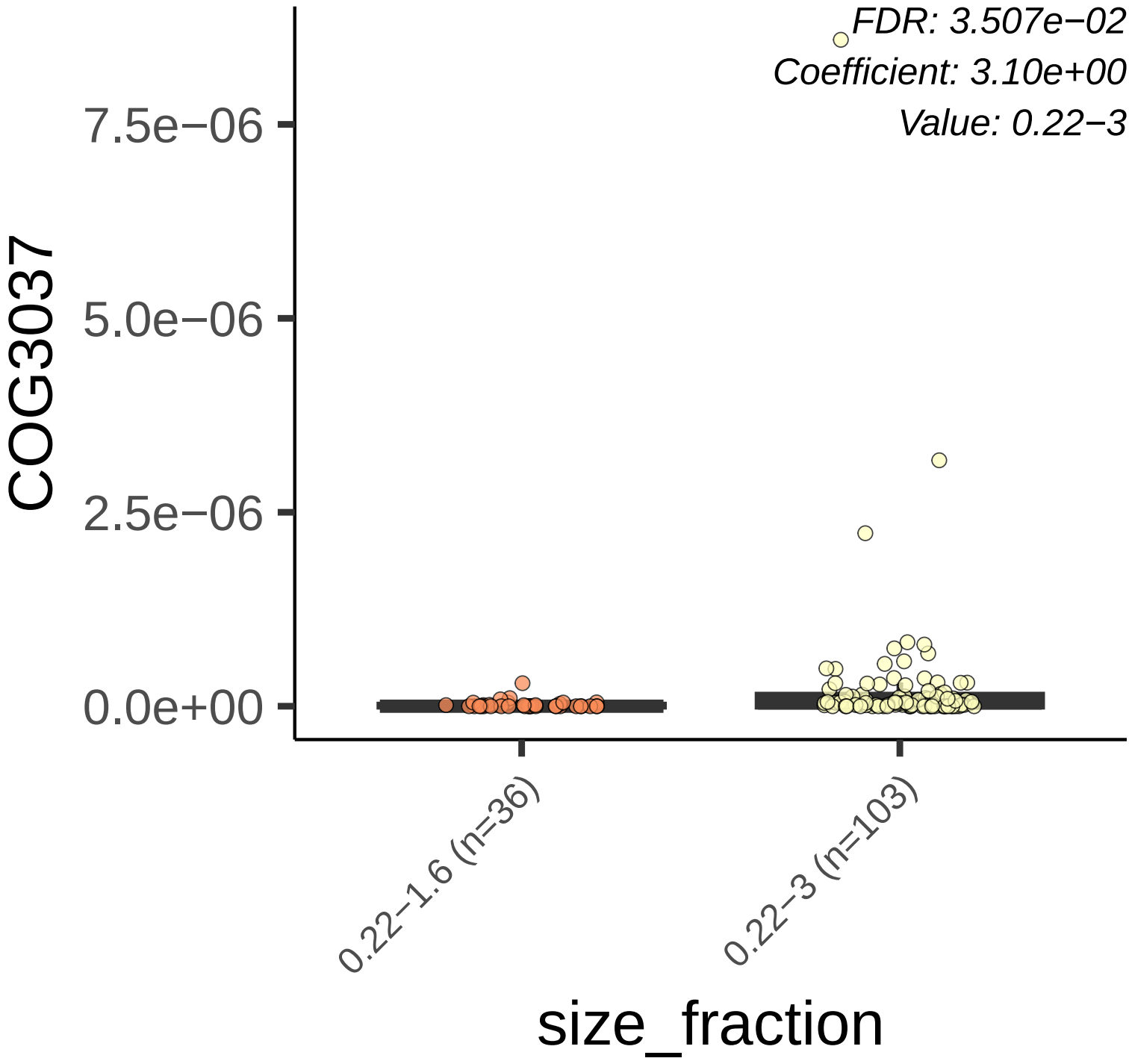

FDR: 3.403e−02
Coefficient: −1.73e−01
Value: 0.22−3
COG2070
7e−04
6e−04
5e−04
4e−04
3e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

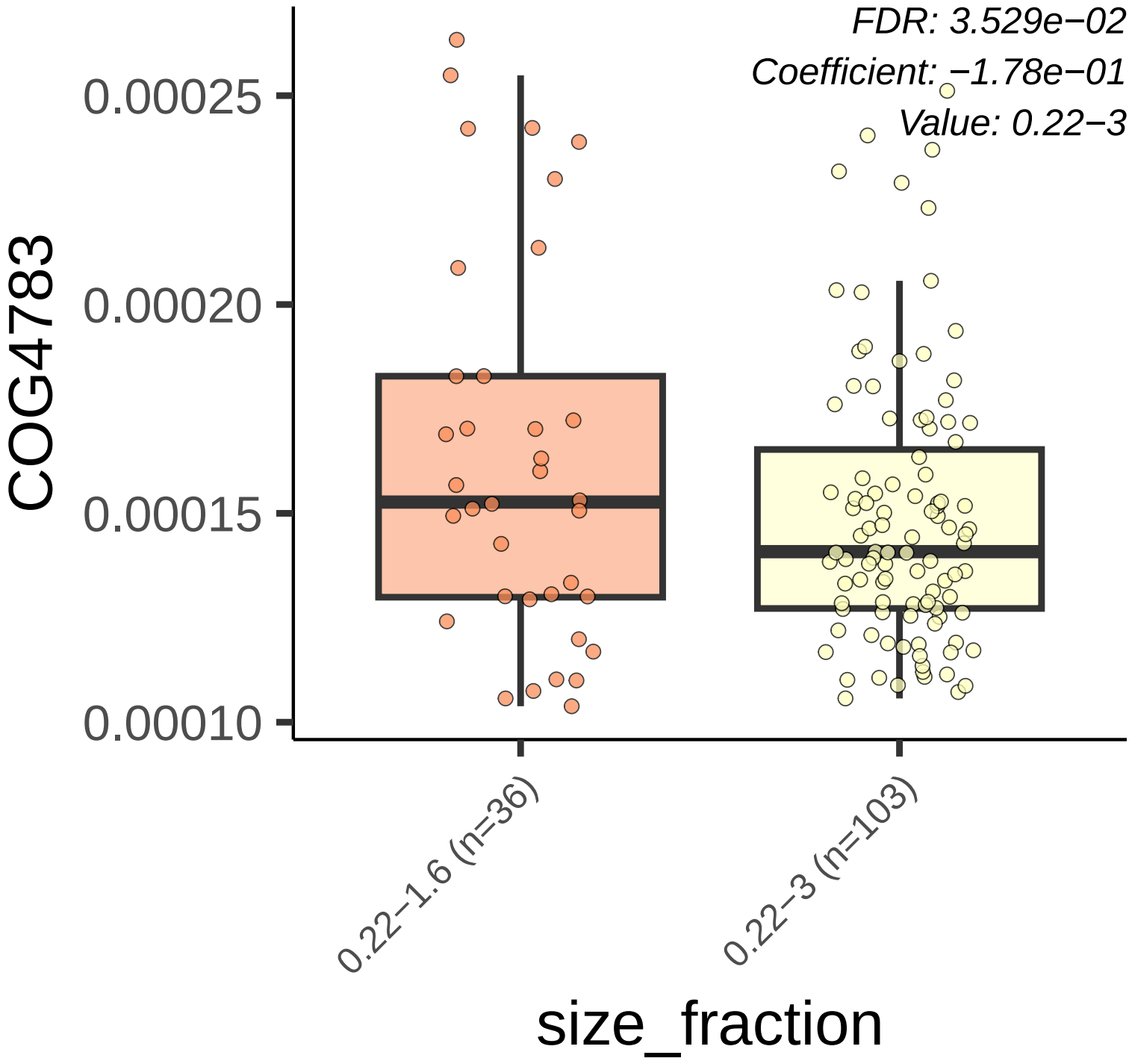

FDR: 3.429e−02
Coefficient: 8.81e−01
Value: 0.22−3
COG3220
9e−05
6e−05
3e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

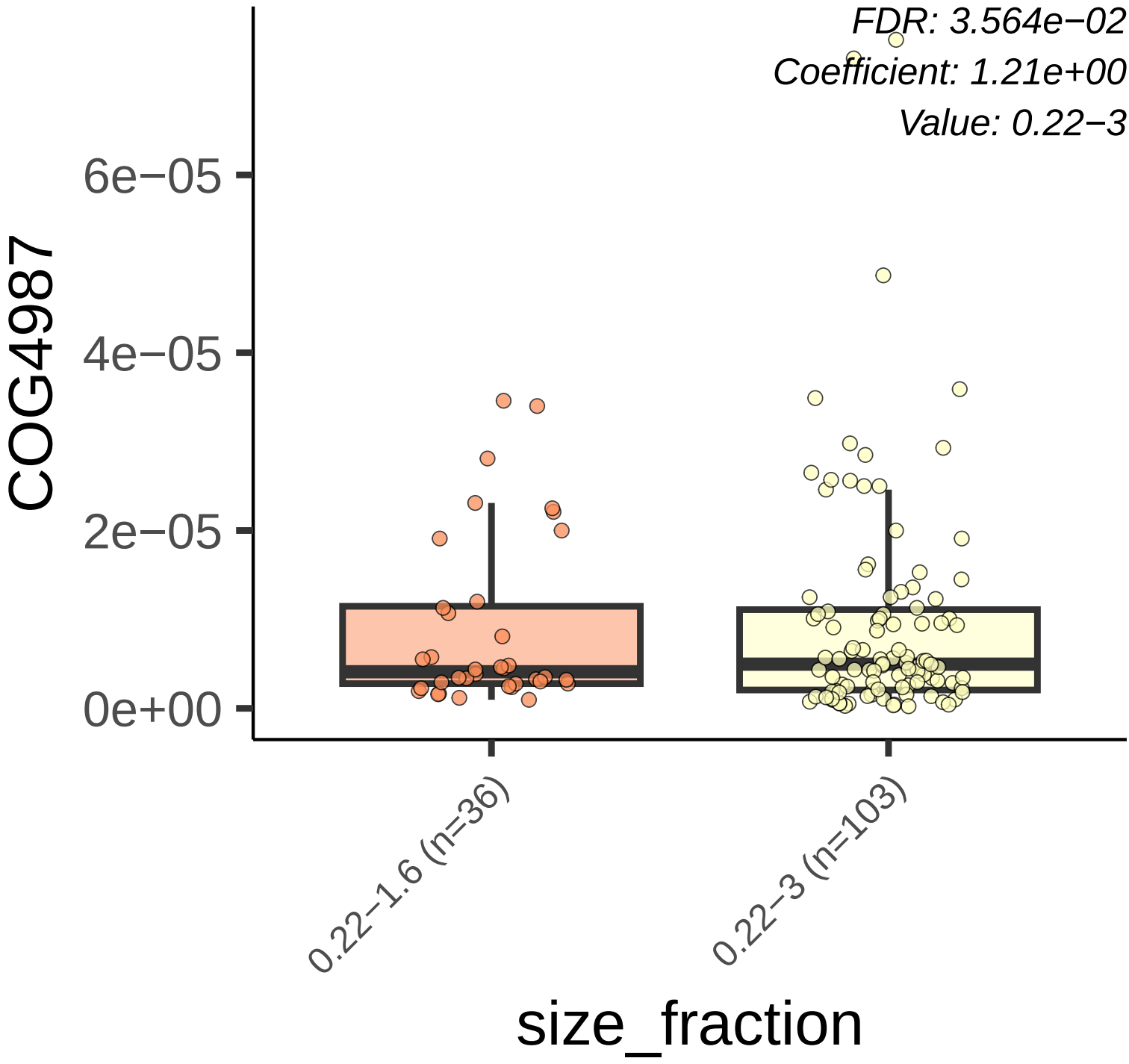

FDR: 3.451e−02
Coefficient: 1.77e+00
Value: 0.22−3
COG3015
1.5e−05
1.0e−05
5.0e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

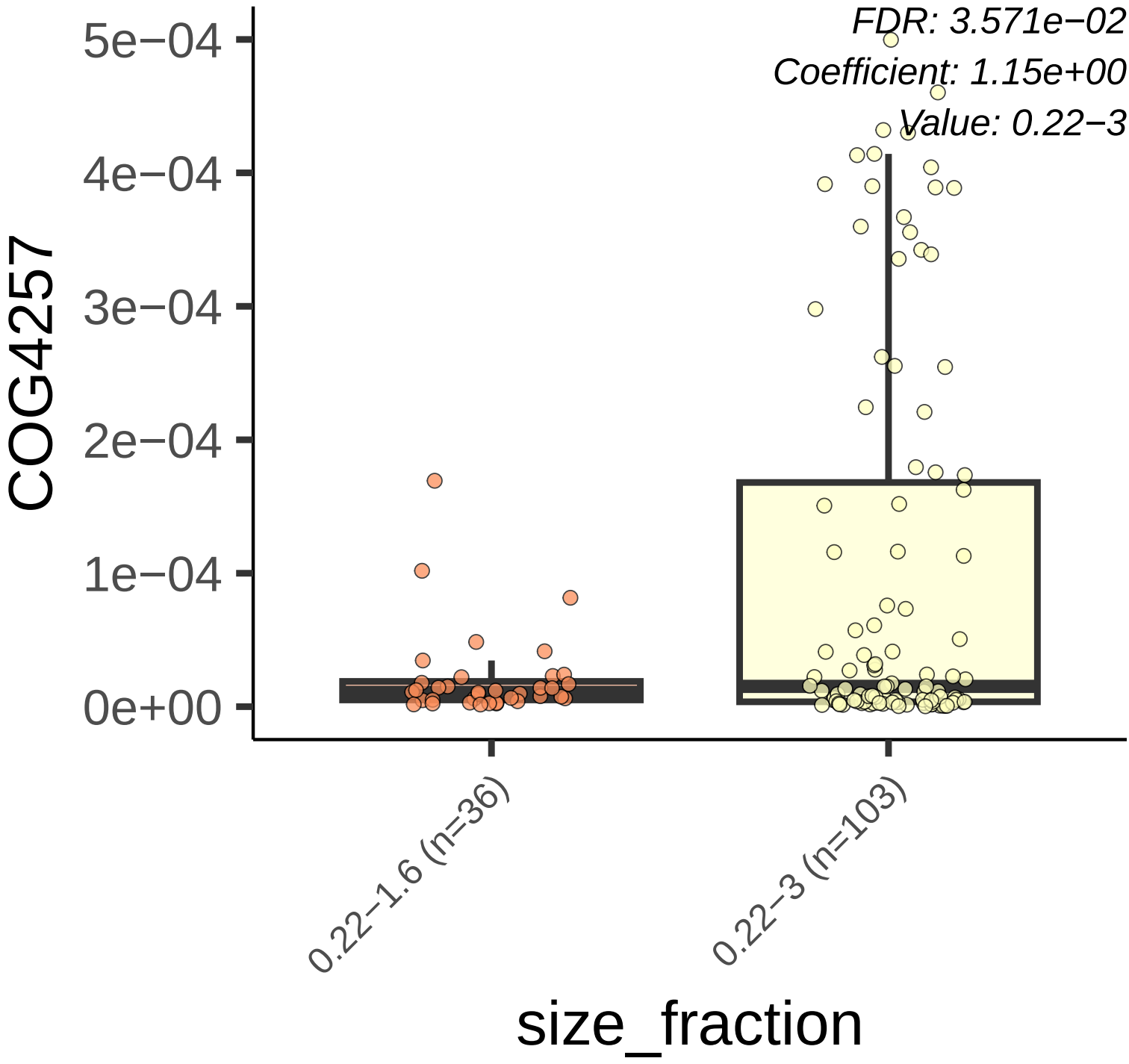

FDR: 3.458e−02
Coefficient: 7.82e−01
Value: 0.22−3
COG0598
7.5e−05
5.0e−05
2.5e−05
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

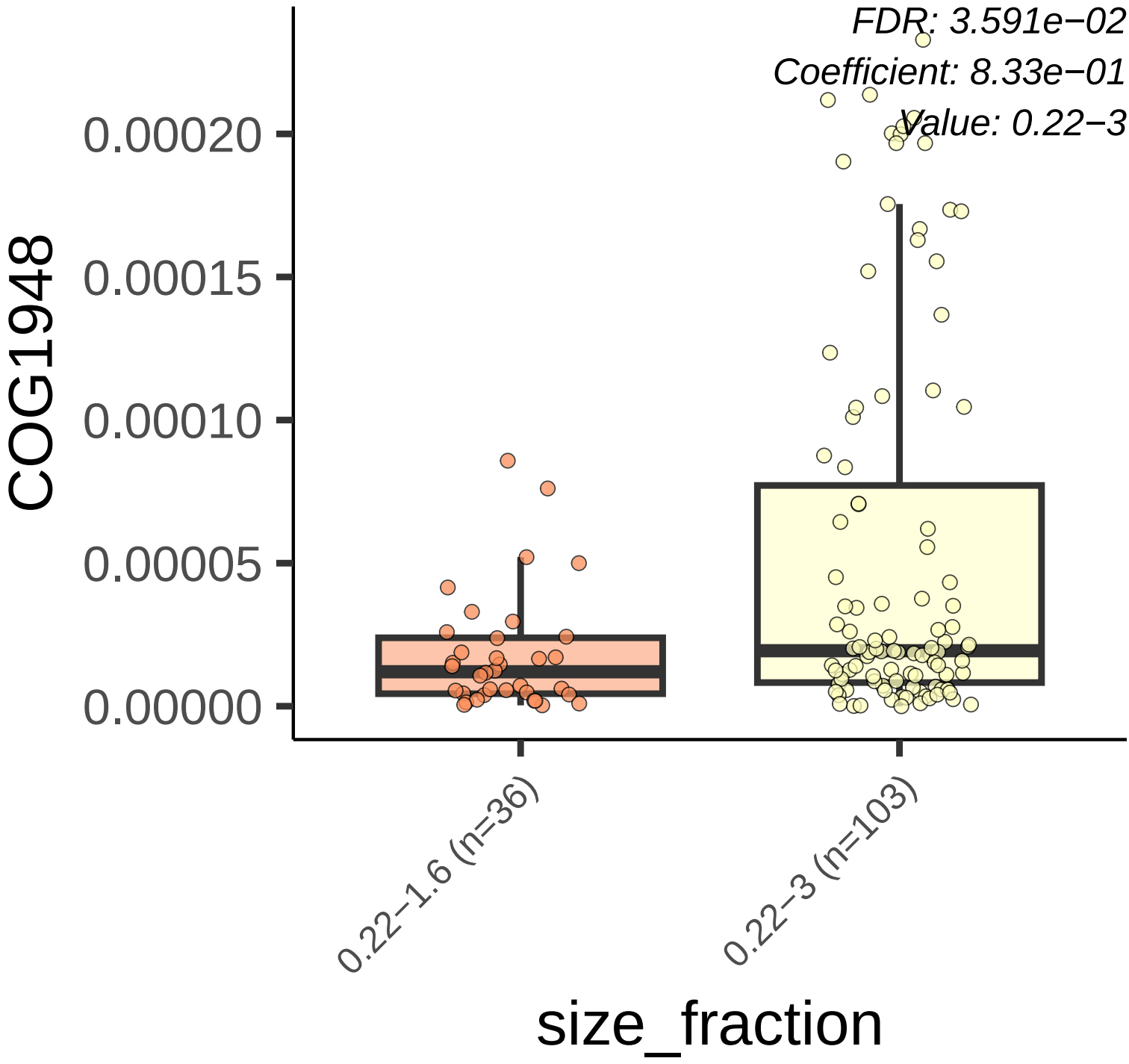

FDR: 3.478e−02
Coefficient: 3.76e−01
Value: 0.22−3
COG4625
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

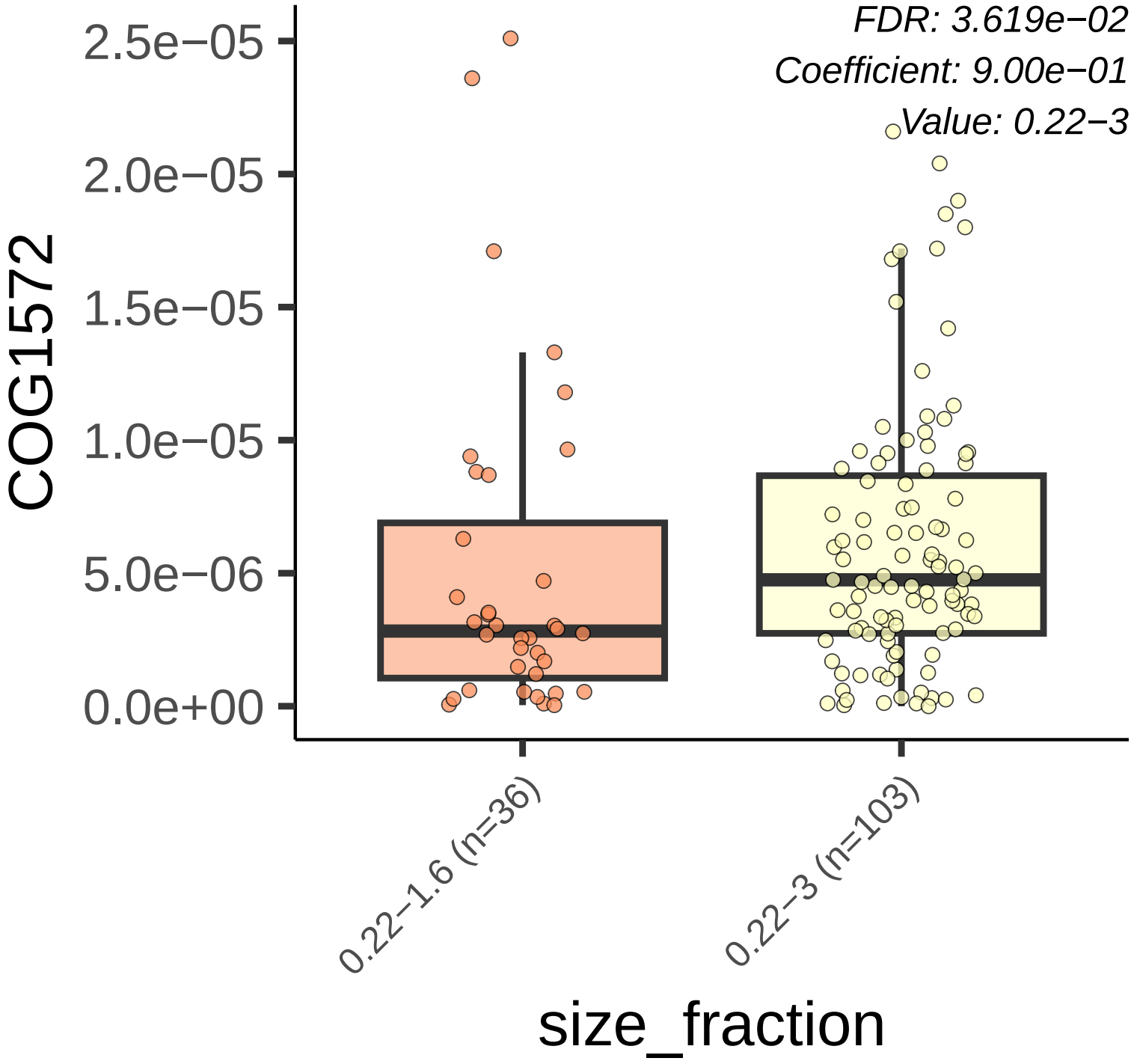

FDR: 3.507e−02
Coefficient: 3.10e+00
Value: 0.22−3
COG3037
7.5e−06
5.0e−06
2.5e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

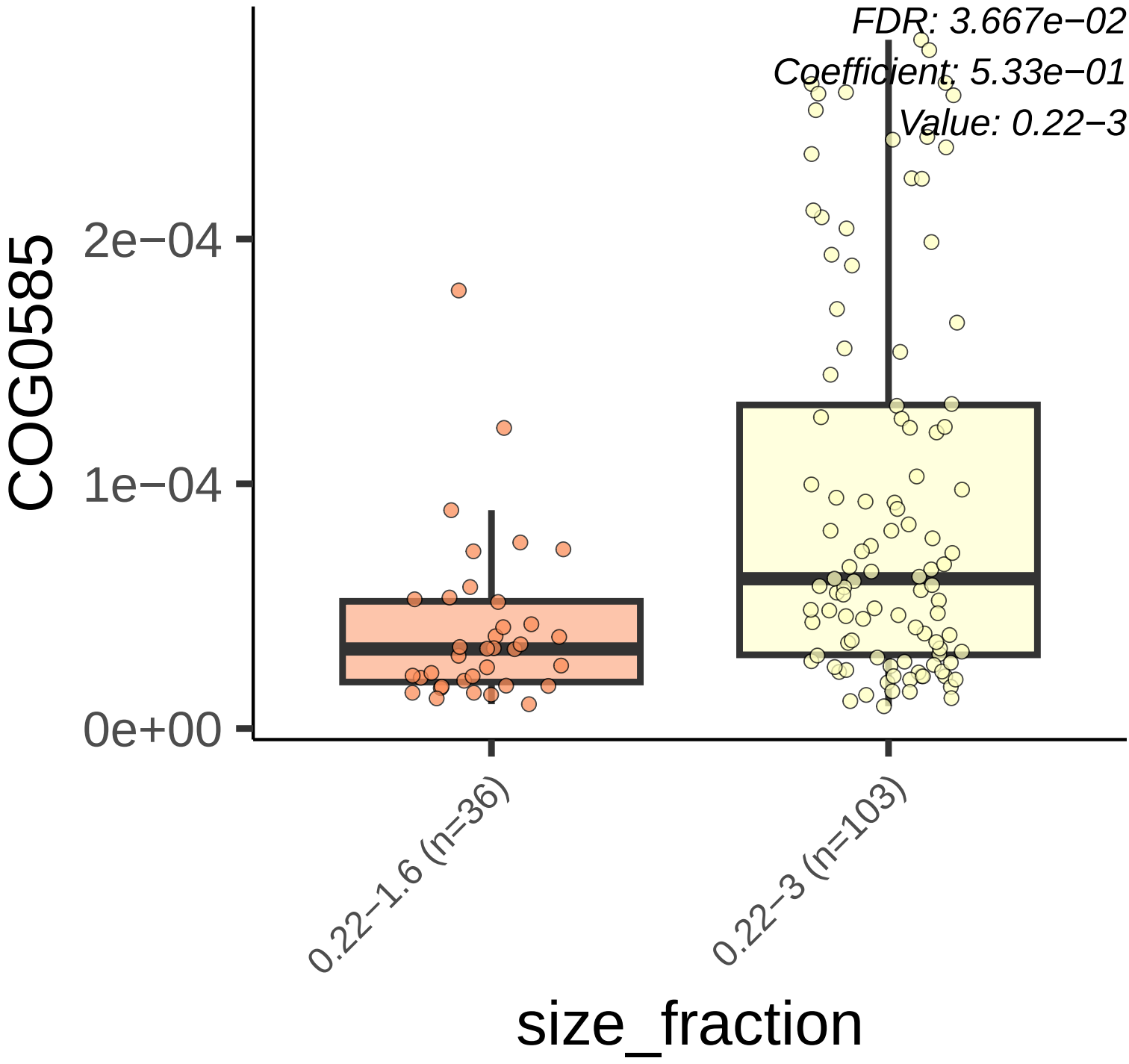

FDR: 3.529e−02
Coefficient: −1.78e−01
Value: 0.22−3
COG4783
0.00025
0.00020
0.00015
0.00010
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

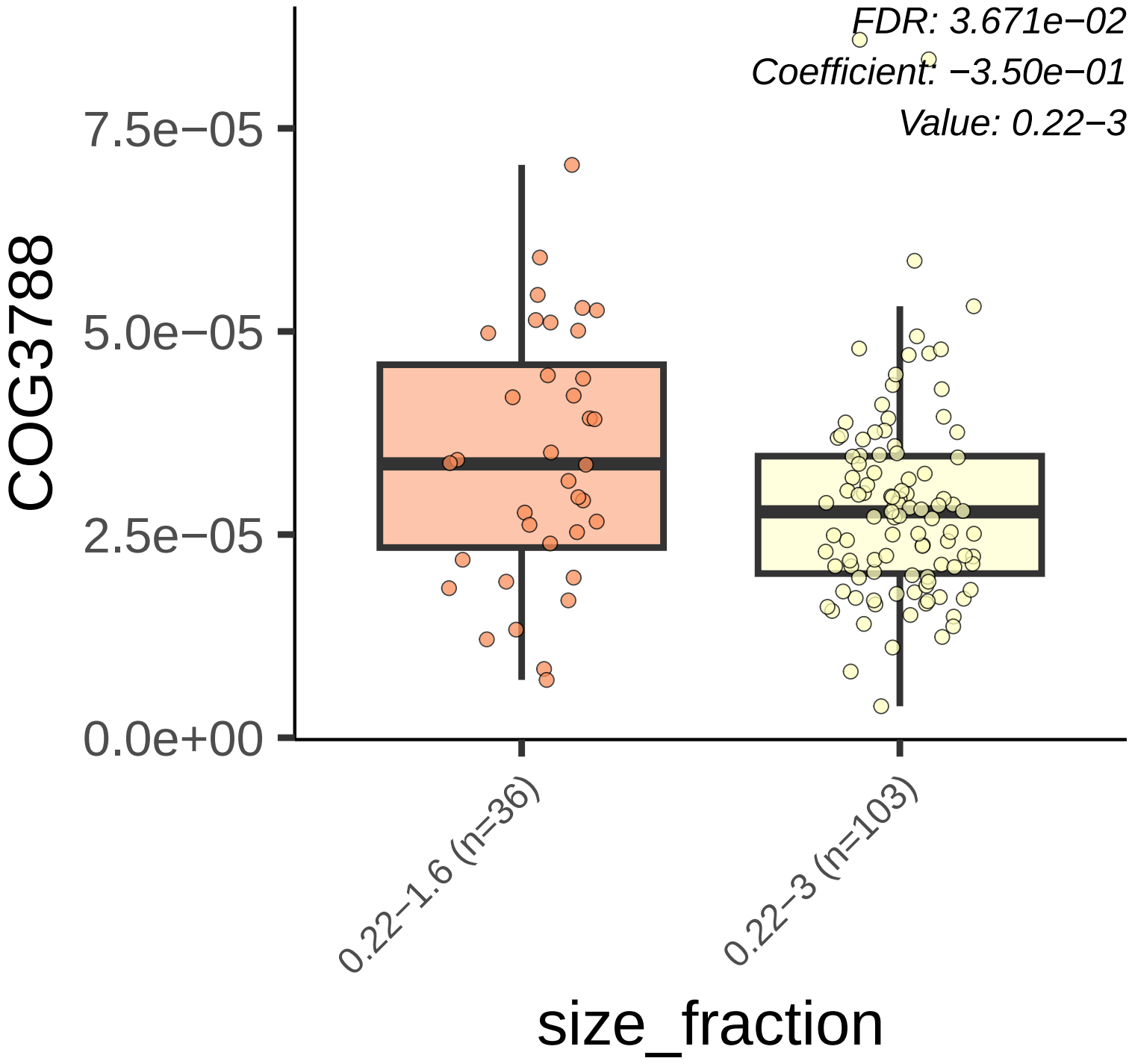

FDR: 3.564e−02
Coefficient: 1.21e+00
Value: 0.22−3
COG4987
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

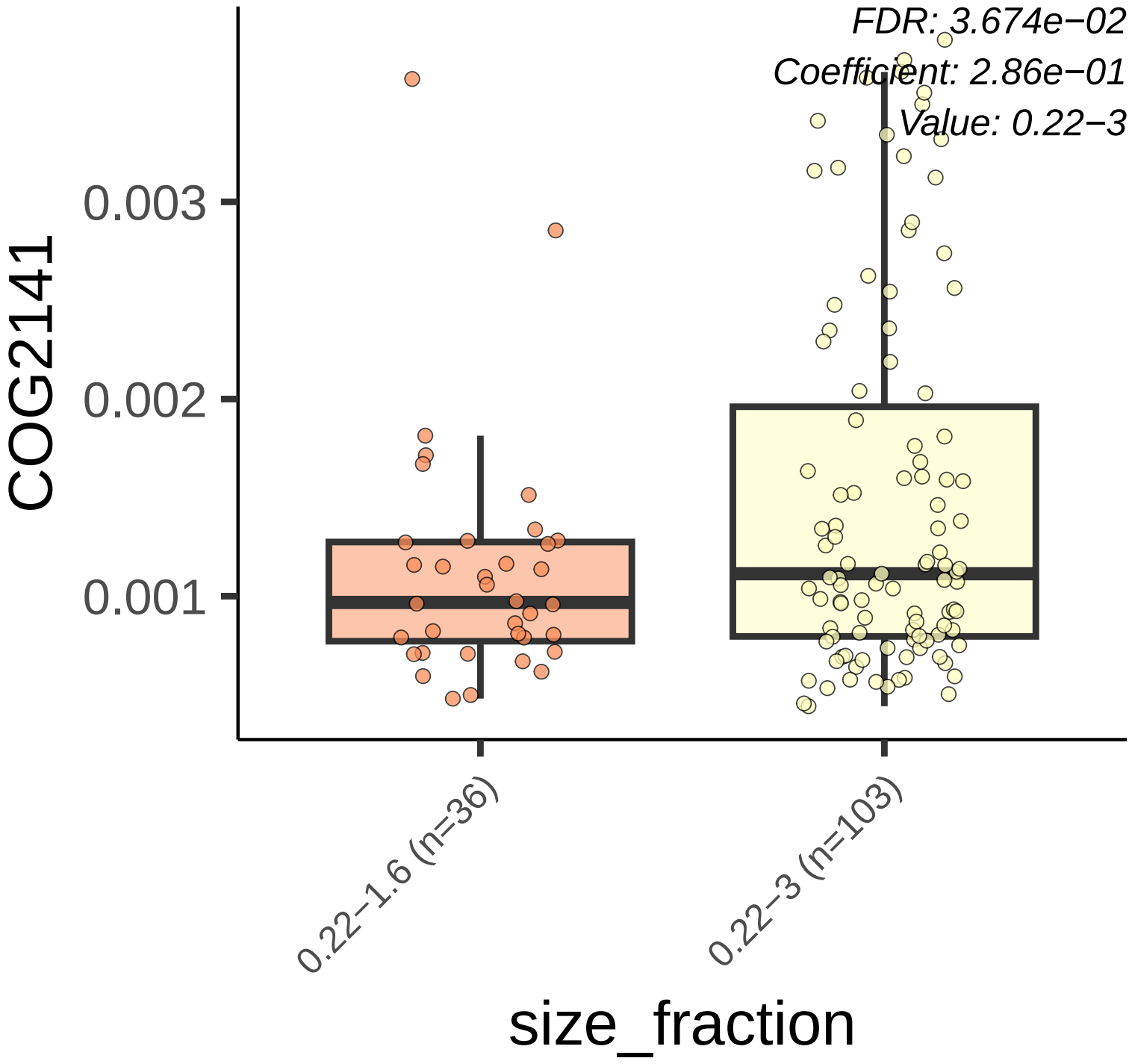

FDR: 3.571e−02
Coefficient: 1.15e+00
Value: 0.22−3
COG4257
5e−04
4e−04
3e−04
2e−04
1e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

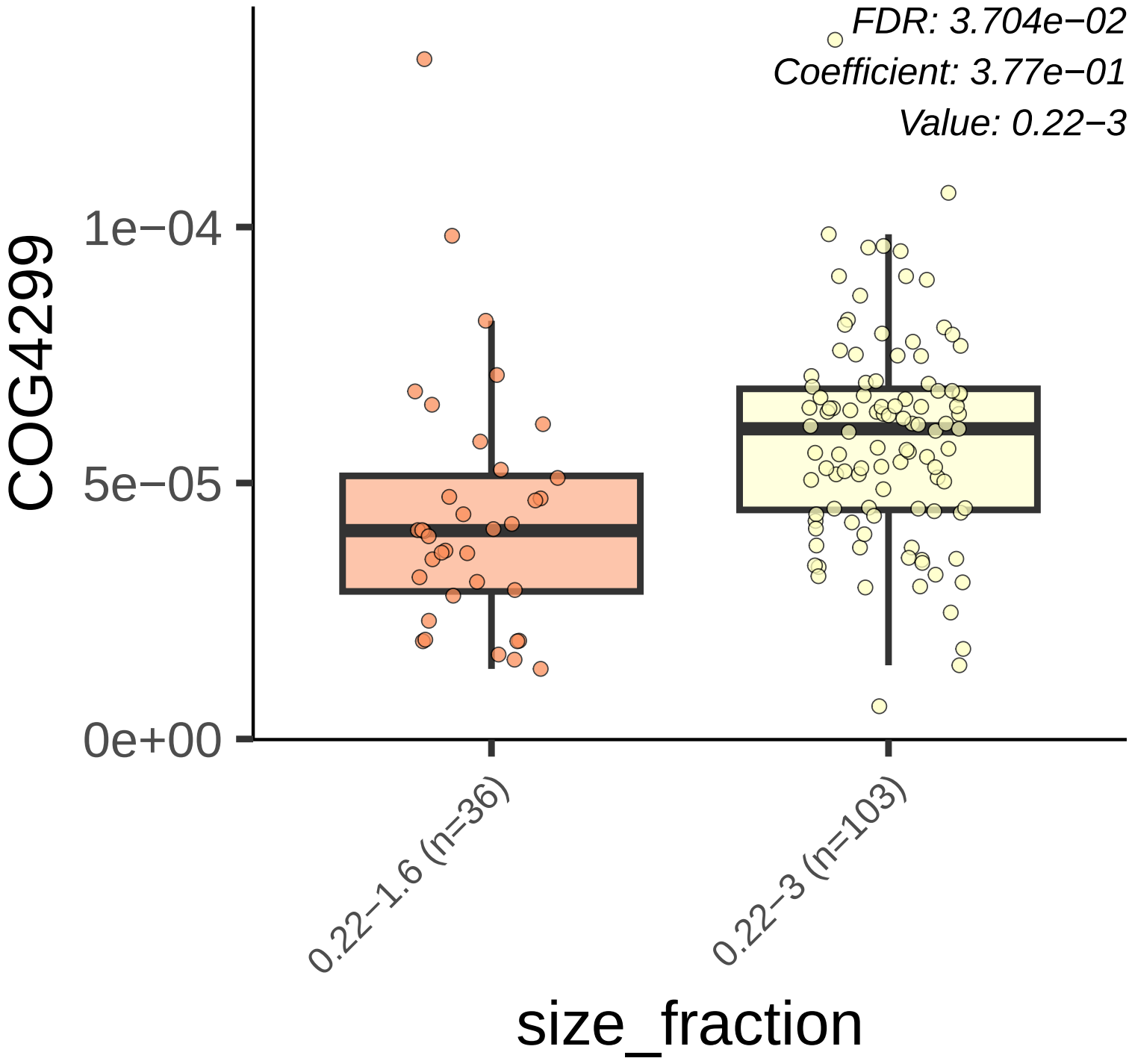

FDR: 3.591e−02
Coefficient: 8.33e−01
Value: 0.22−3
COG1948
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

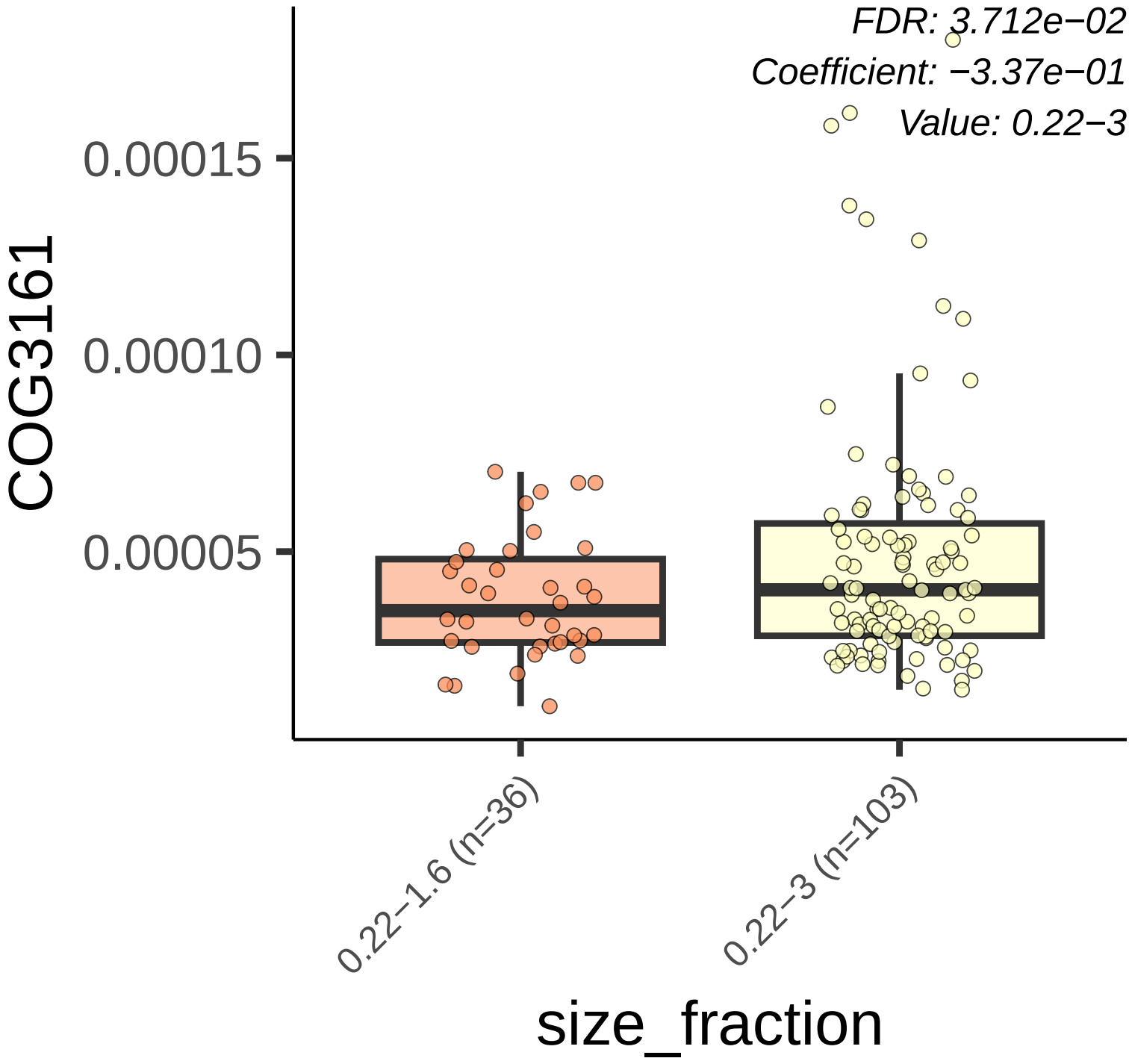

FDR: 3.619e−02
Coefficient: 9.00e−01
Value: 0.22−3
COG1572
2.5e−05
2.0e−05
1.5e−05
1.0e−05
5.0e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

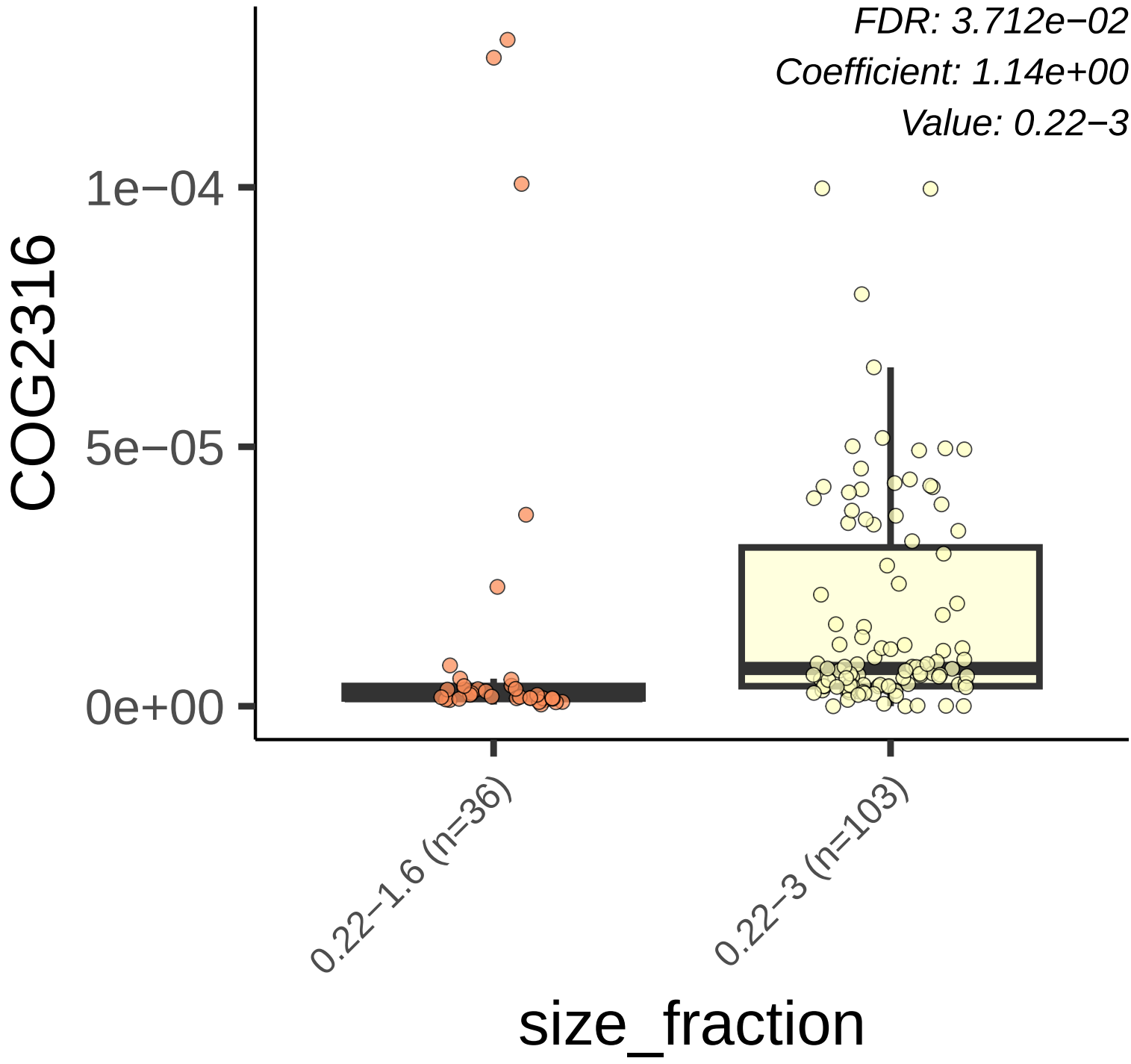

FDR: 3.667e−02
Coefficient: 5.33e−01
Value: 0.22−3
COG0585
2e−04
1e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

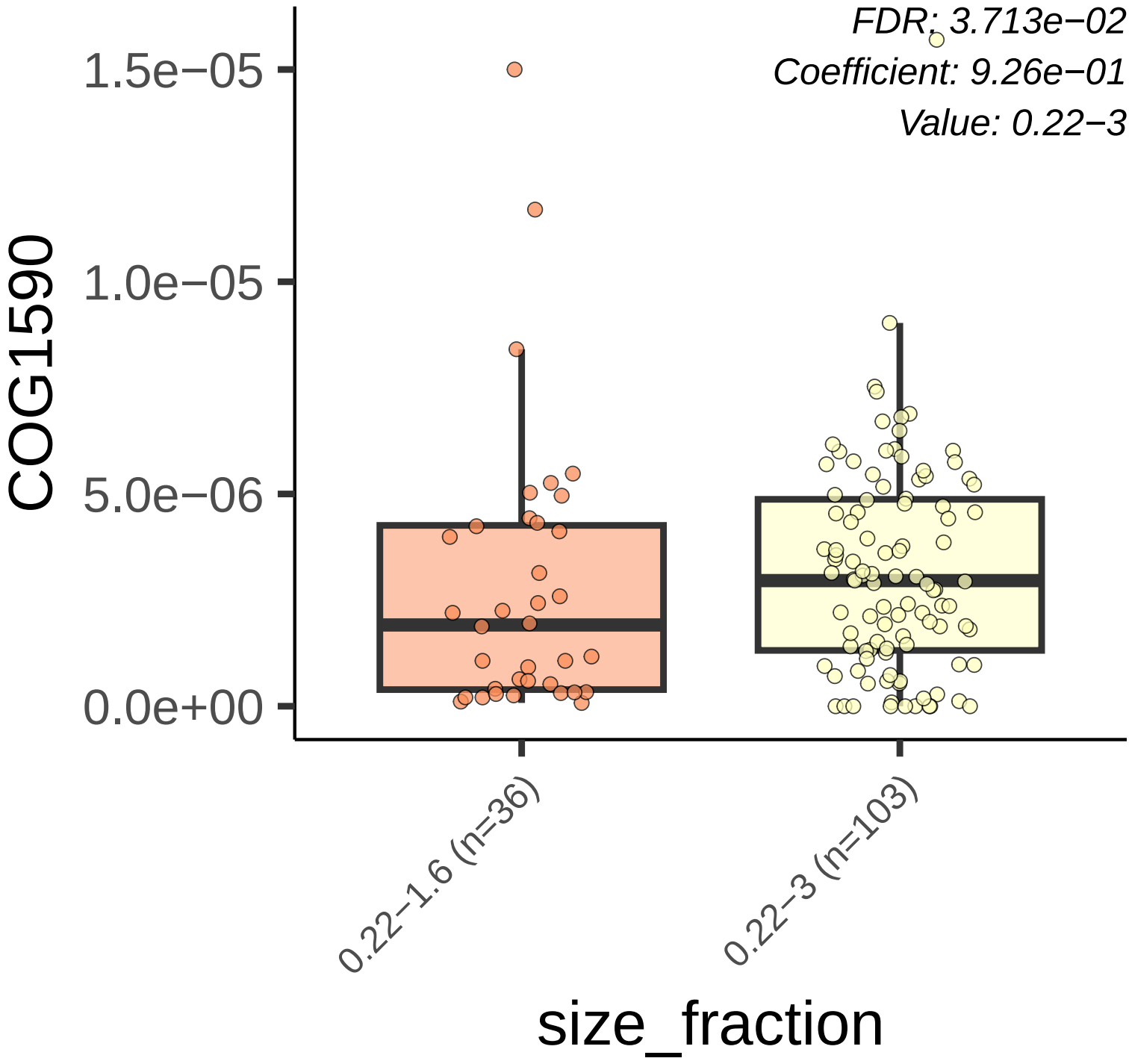

FDR: 3.671e−02
Coefficient: −3.50e−01
Value: 0.22−3
COG3788
7.5e−05
5.0e−05
2.5e−05
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

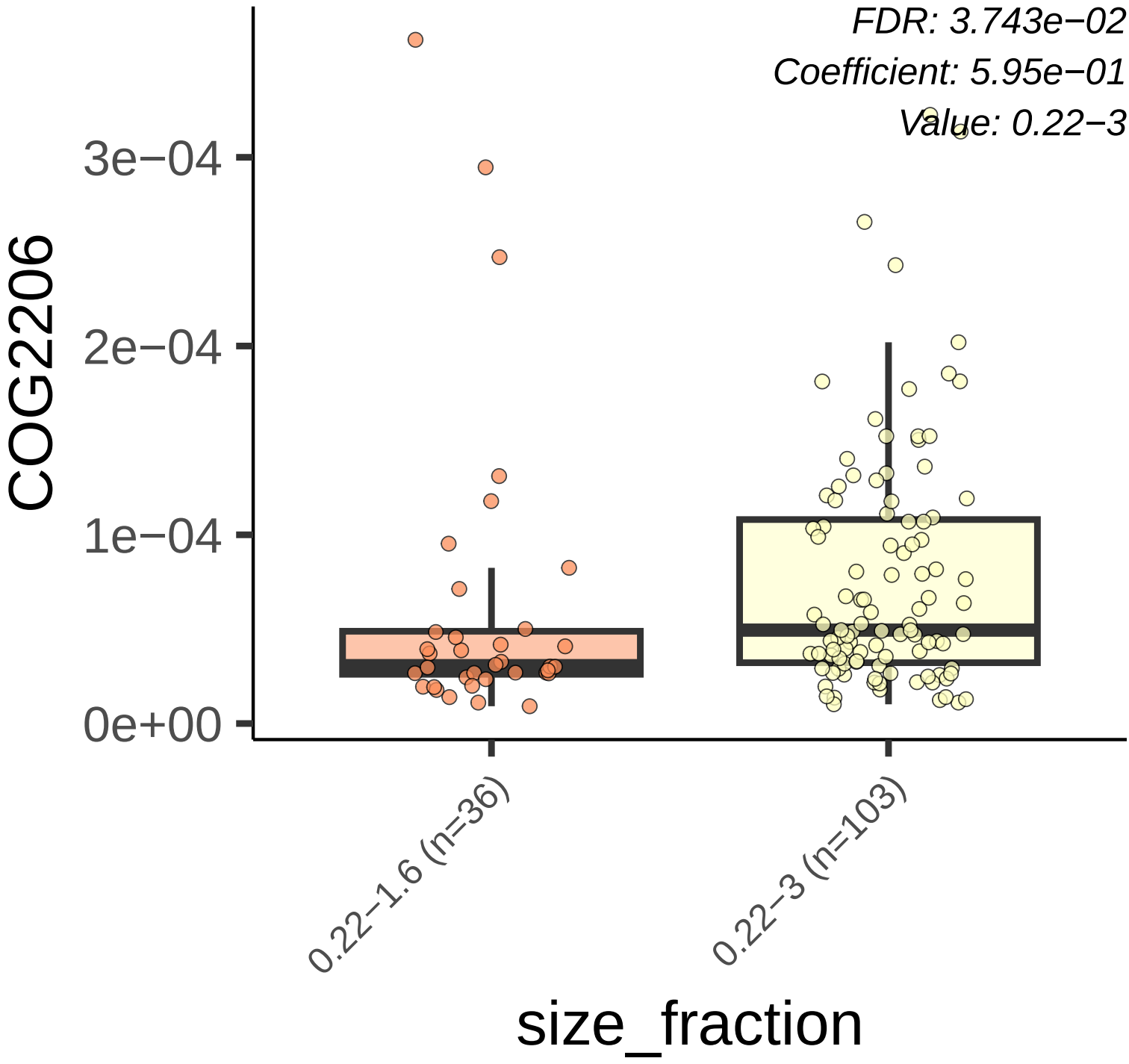

FDR: 3.674e−02
Coefficient: 2.86e−01
Value: 0.22−3
COG2141
0.003
0.002
0.001
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

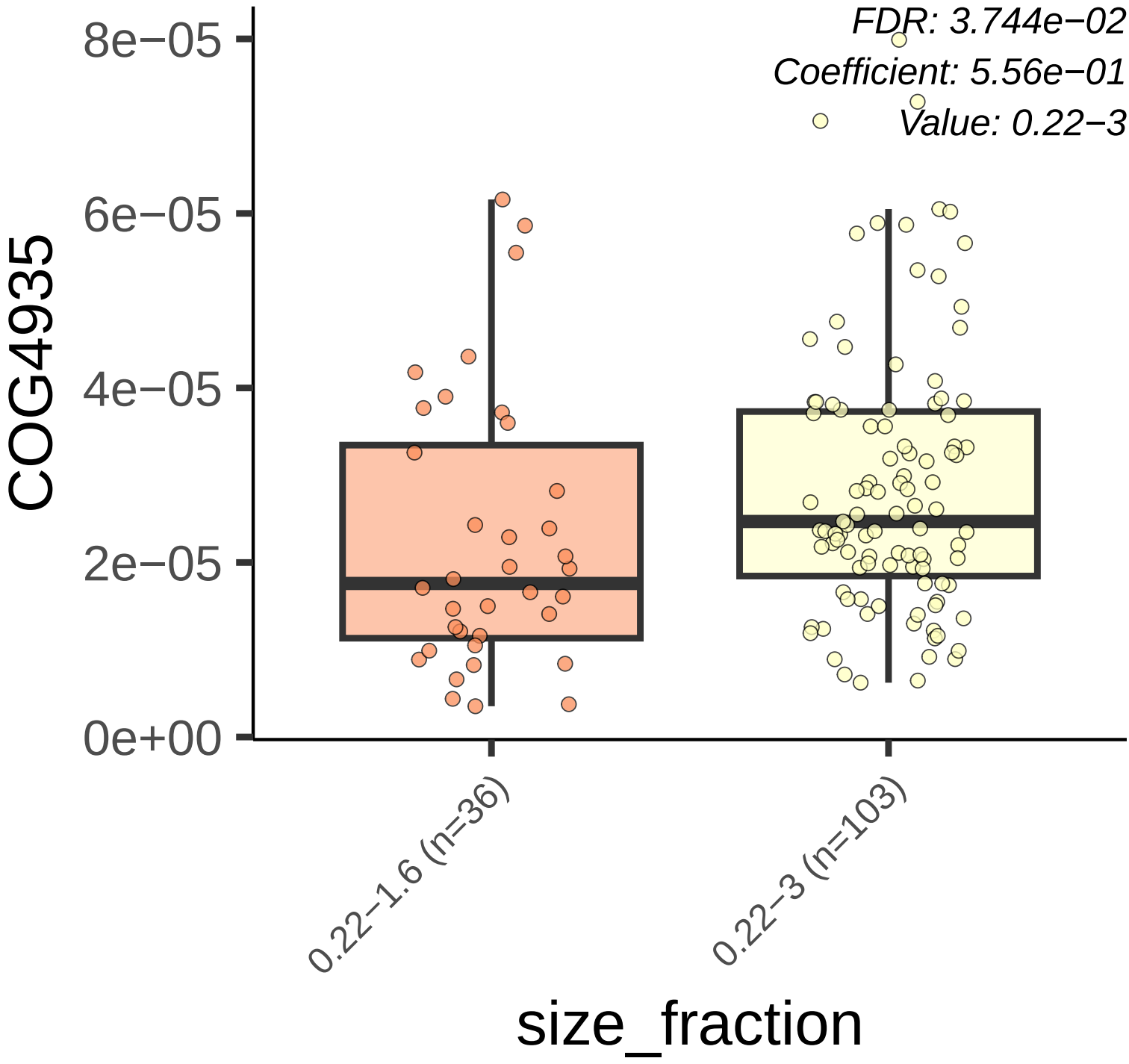

FDR: 3.704e−02
Coefficient: 3.77e−01
Value: 0.22−3
COG4299
1e−04
5e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

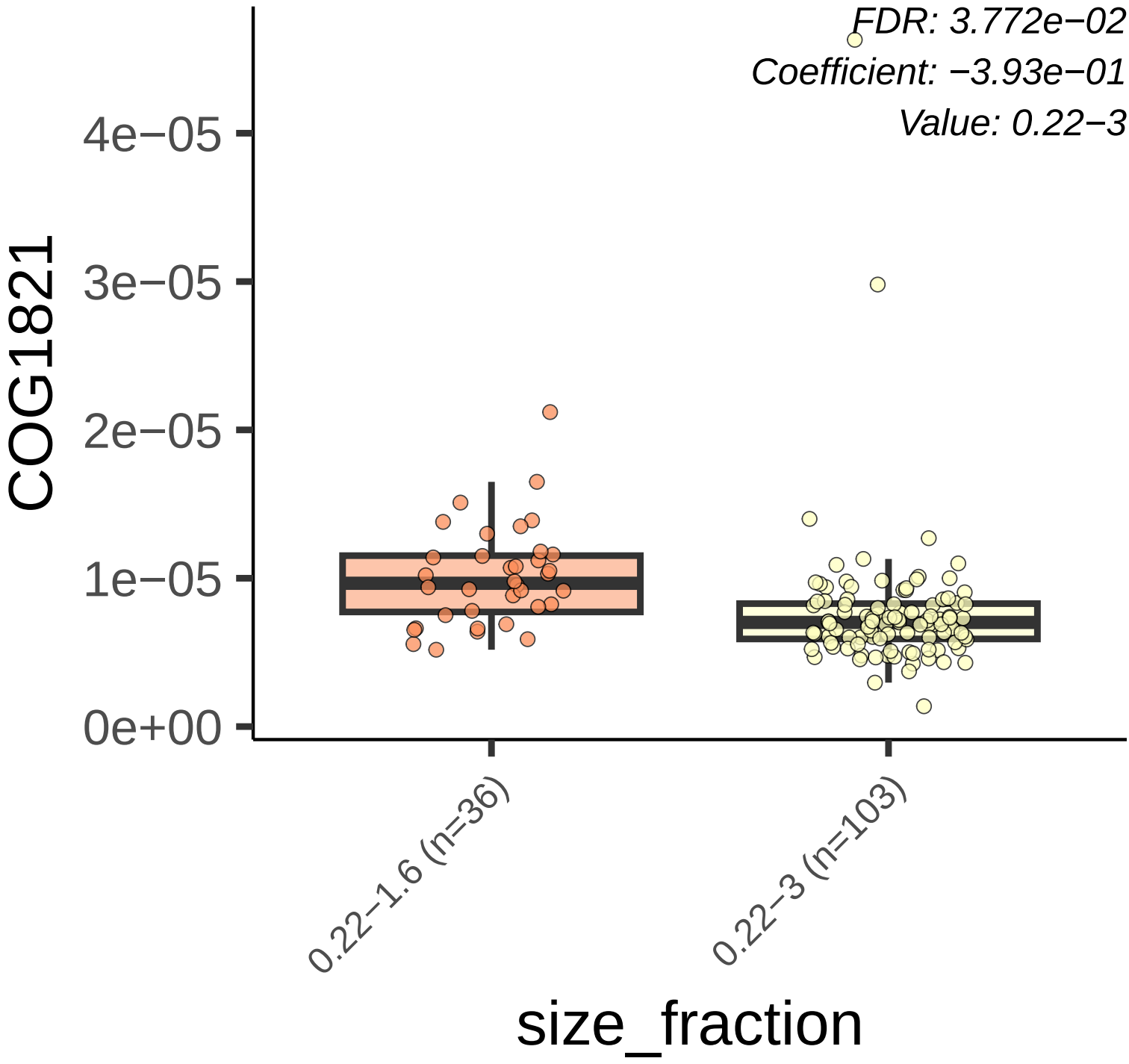

FDR: 3.712e−02
Coefficient: −3.37e−01
Value: 0.22−3
COG3161
0.00015
0.00010
0.00005
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

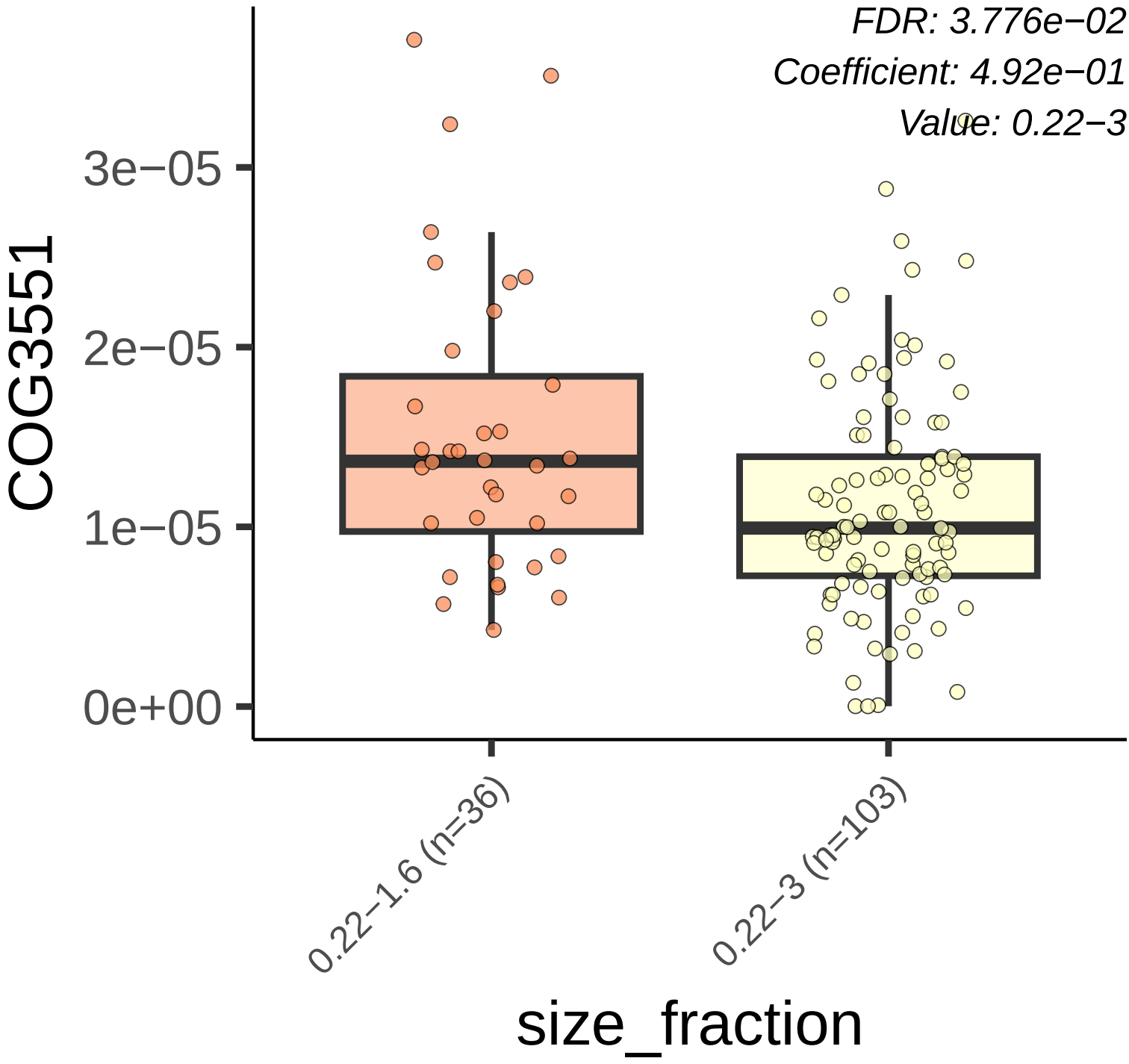

FDR: 3.712e−02
Coefficient: 1.14e+00
Value: 0.22−3
COG2316
1e−04
5e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

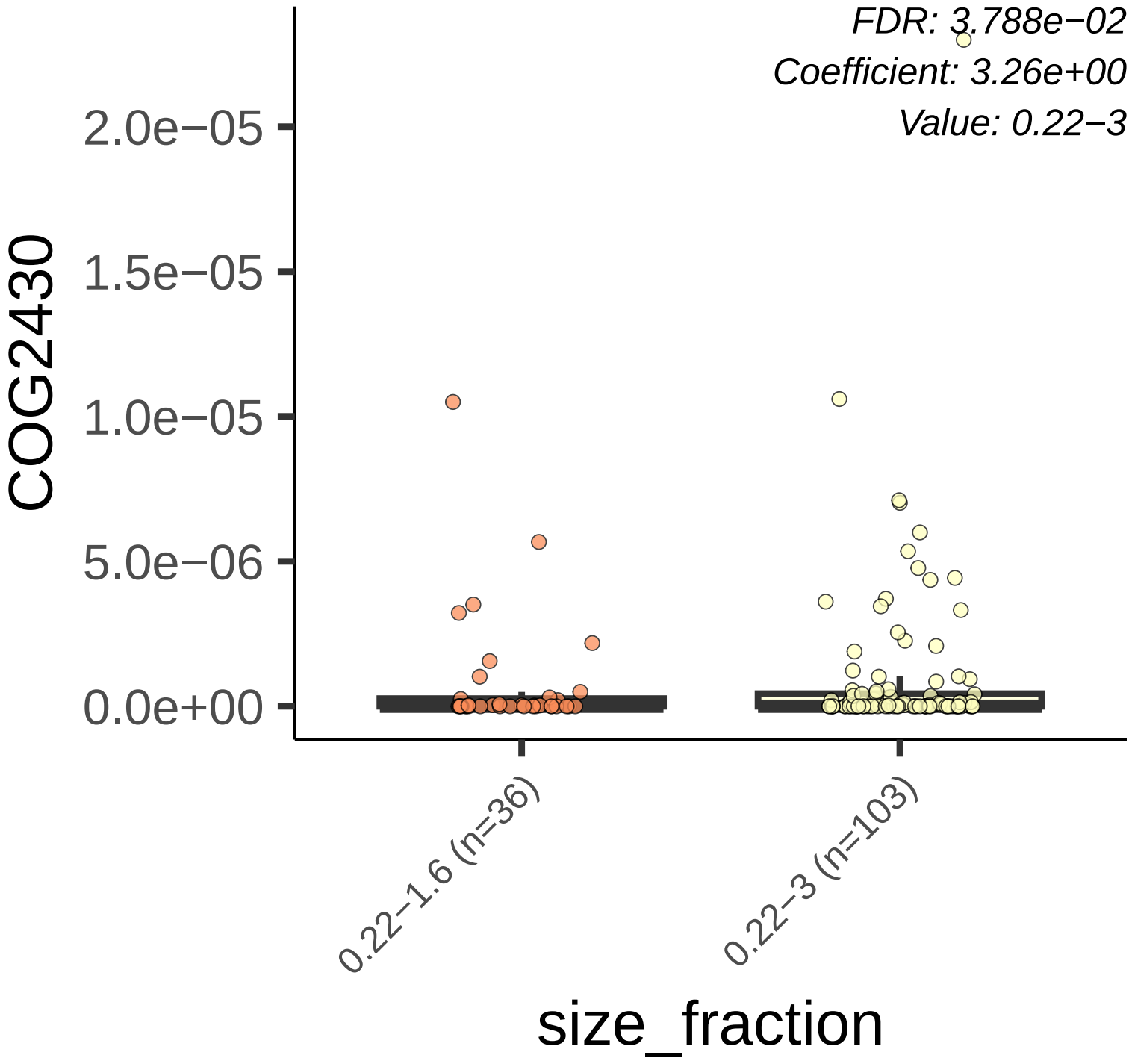

FDR: 3.713e−02
Coefficient: 9.26e−01
Value: 0.22−3
COG1590
1.5e−05
1.0e−05
5.0e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

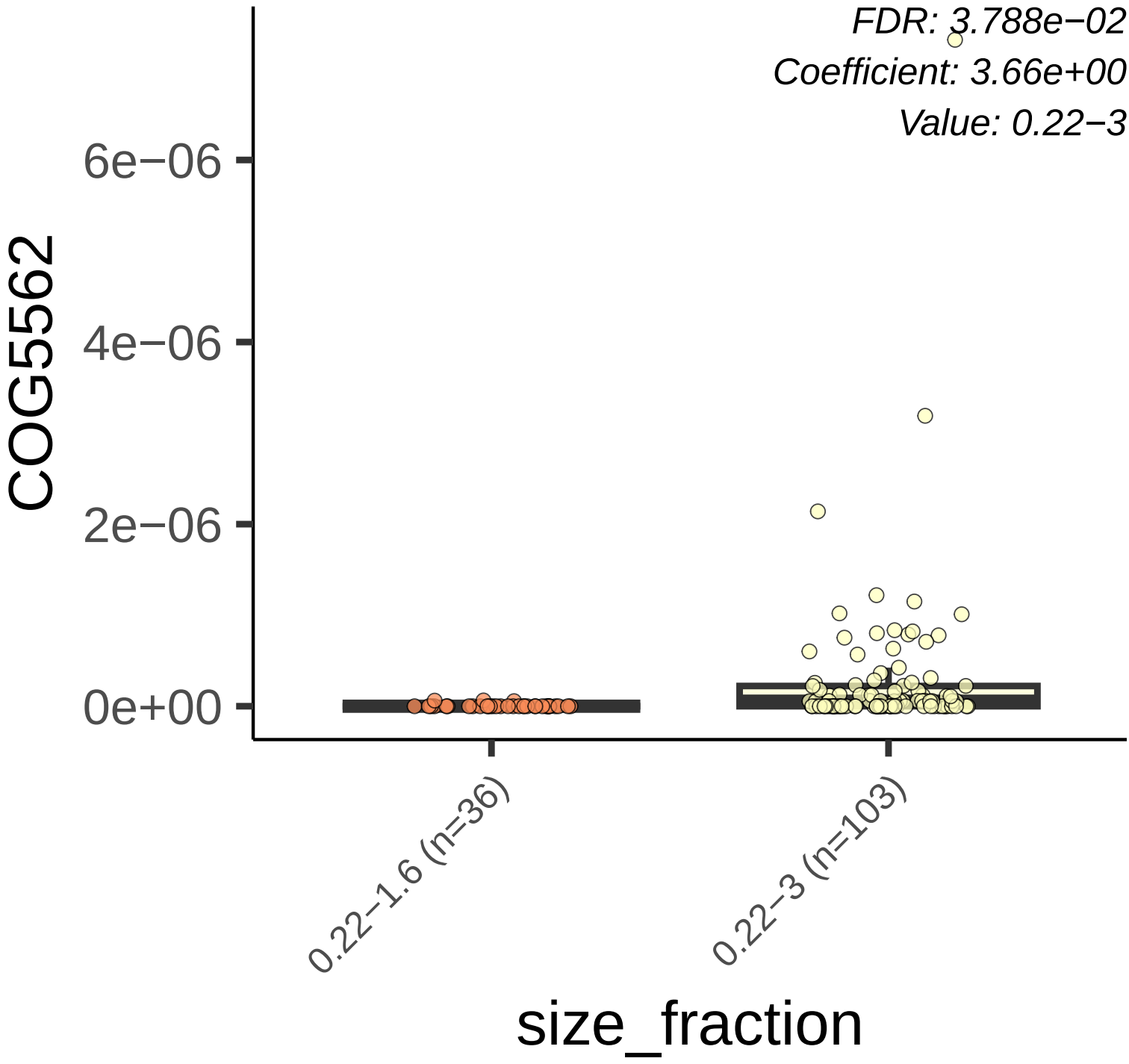

FDR: 3.743e−02
Coefficient: 5.95e−01
Value: 0.22−3
COG2206
3e−04
2e−04
1e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

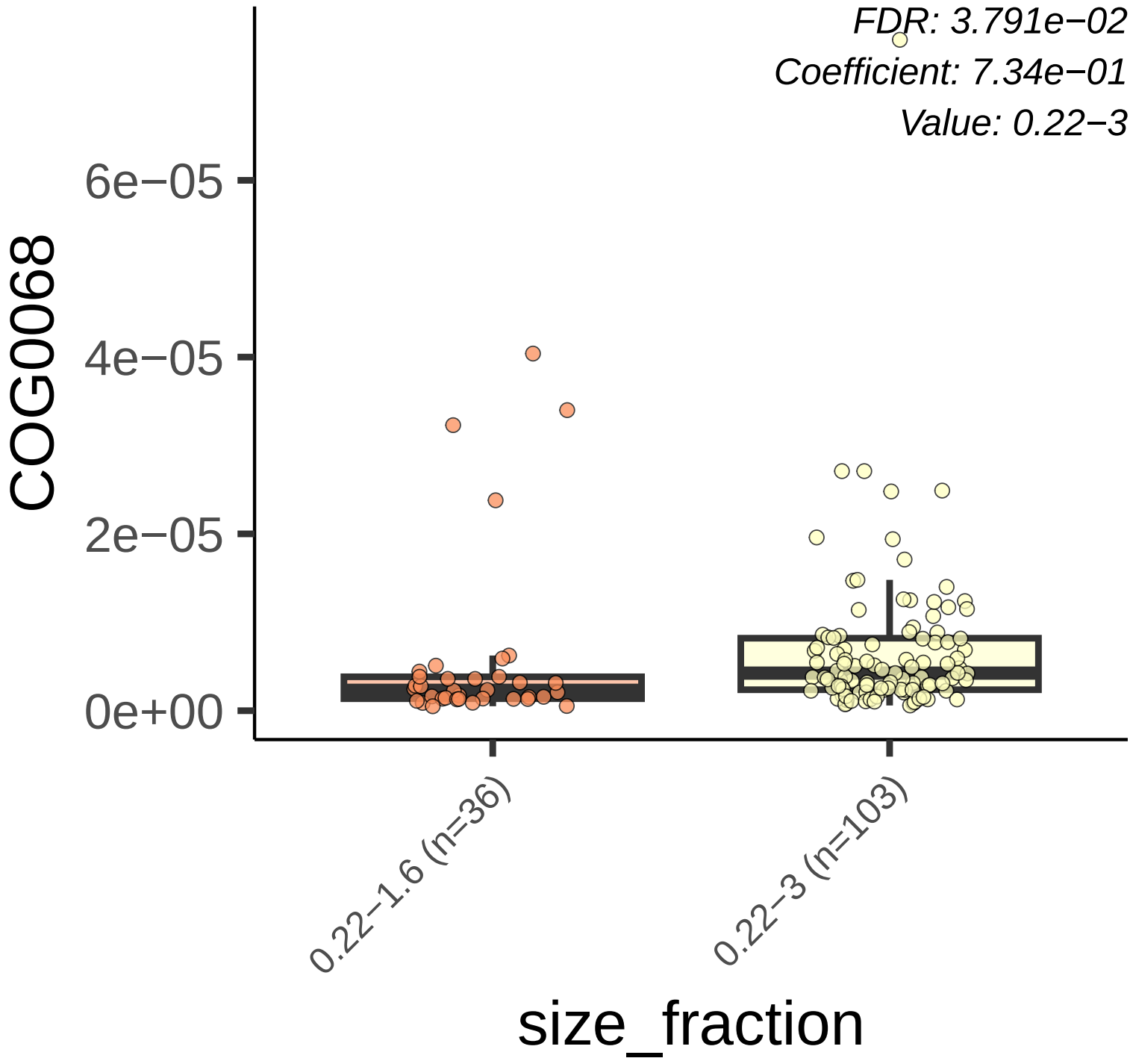

FDR: 3.744e−02
Coefficient: 5.56e−01
Value: 0.22−3
COG4935
8e−05
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

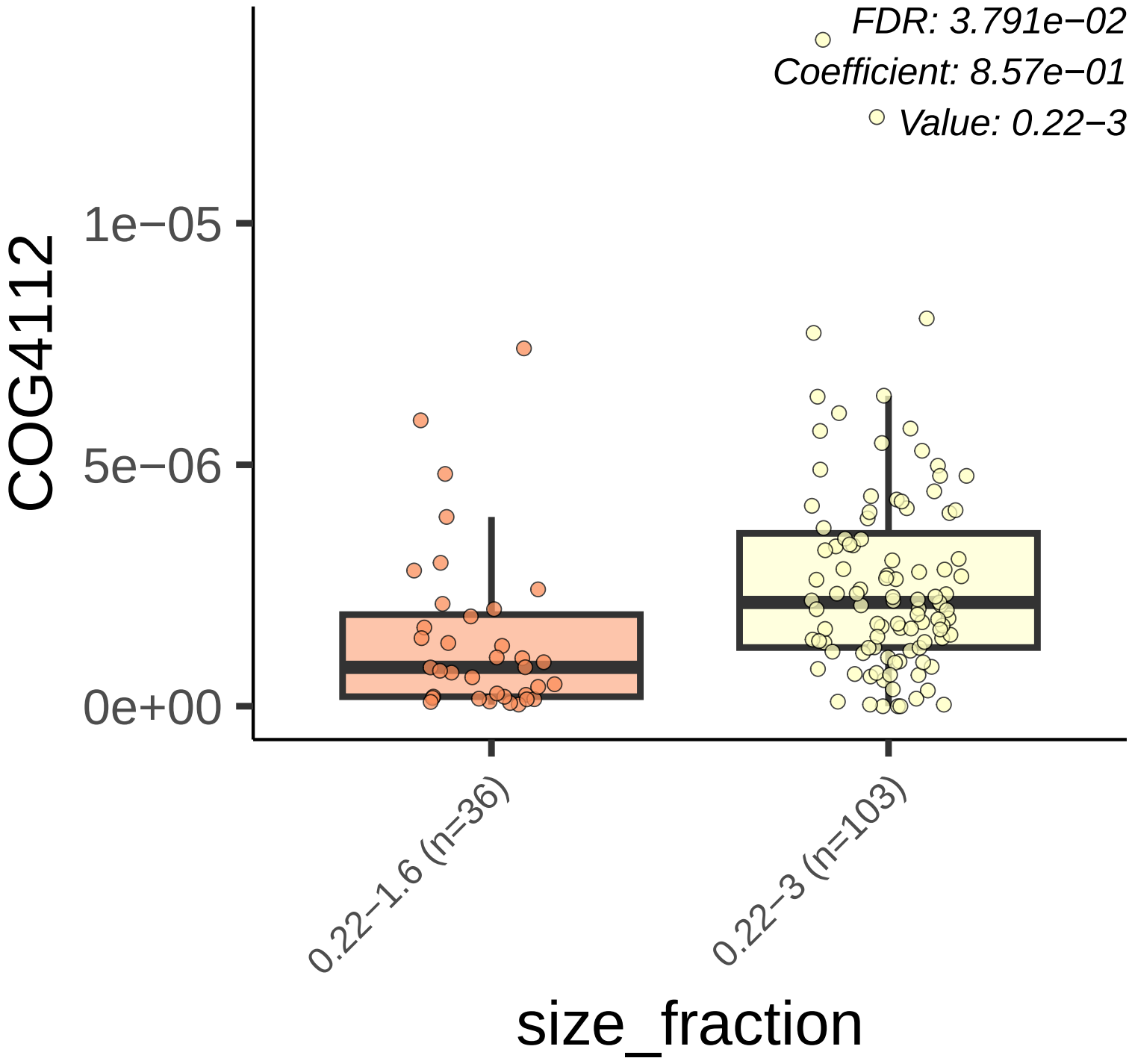

FDR: 3.772e−02
Coefficient: −3.93e−01
Value: 0.22−3
COG1821
4e−05
3e−05
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

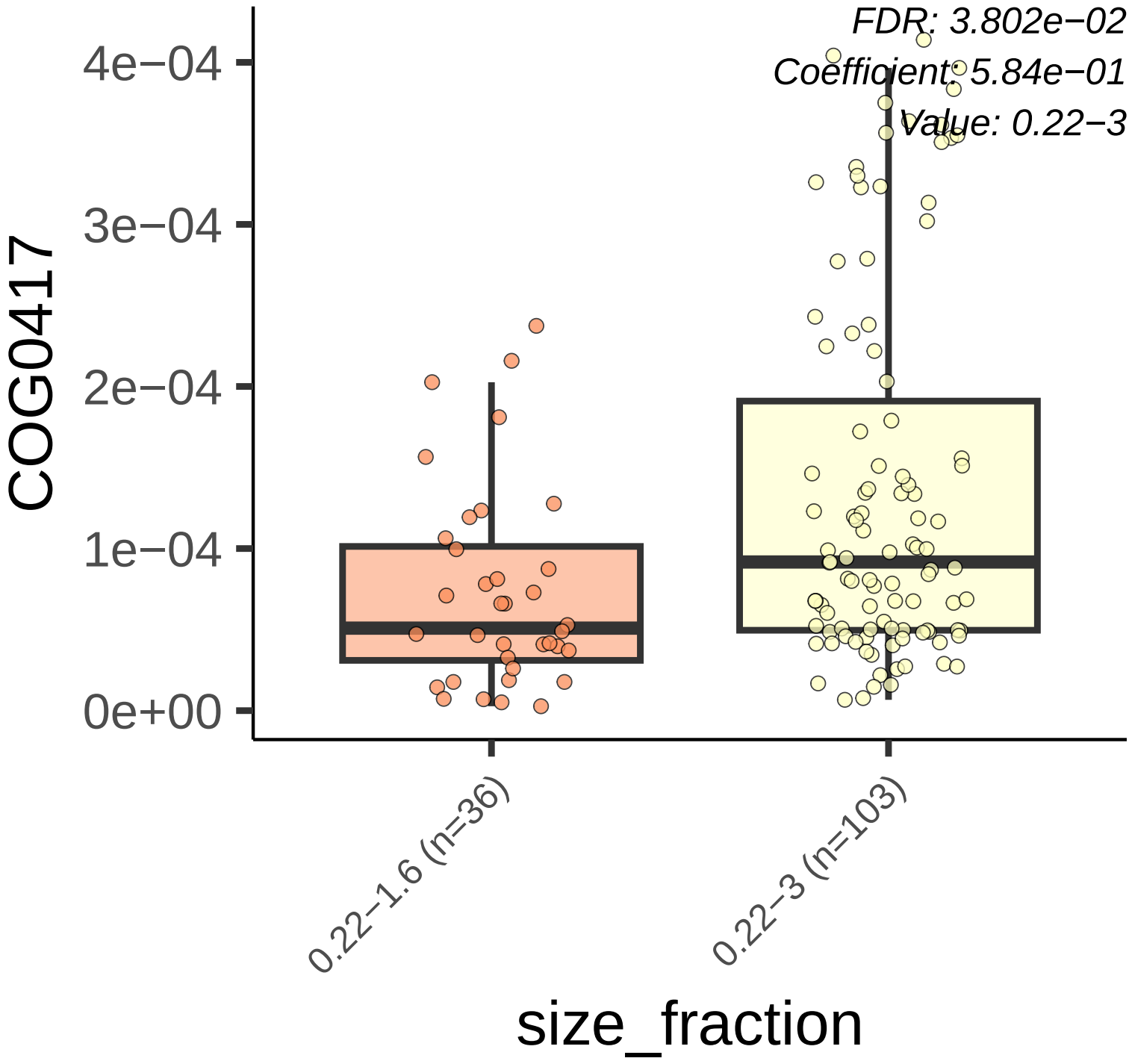

FDR: 3.776e−02
Coefficient: 4.92e−01
Value: 0.22−3
COG3551
3e−05
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

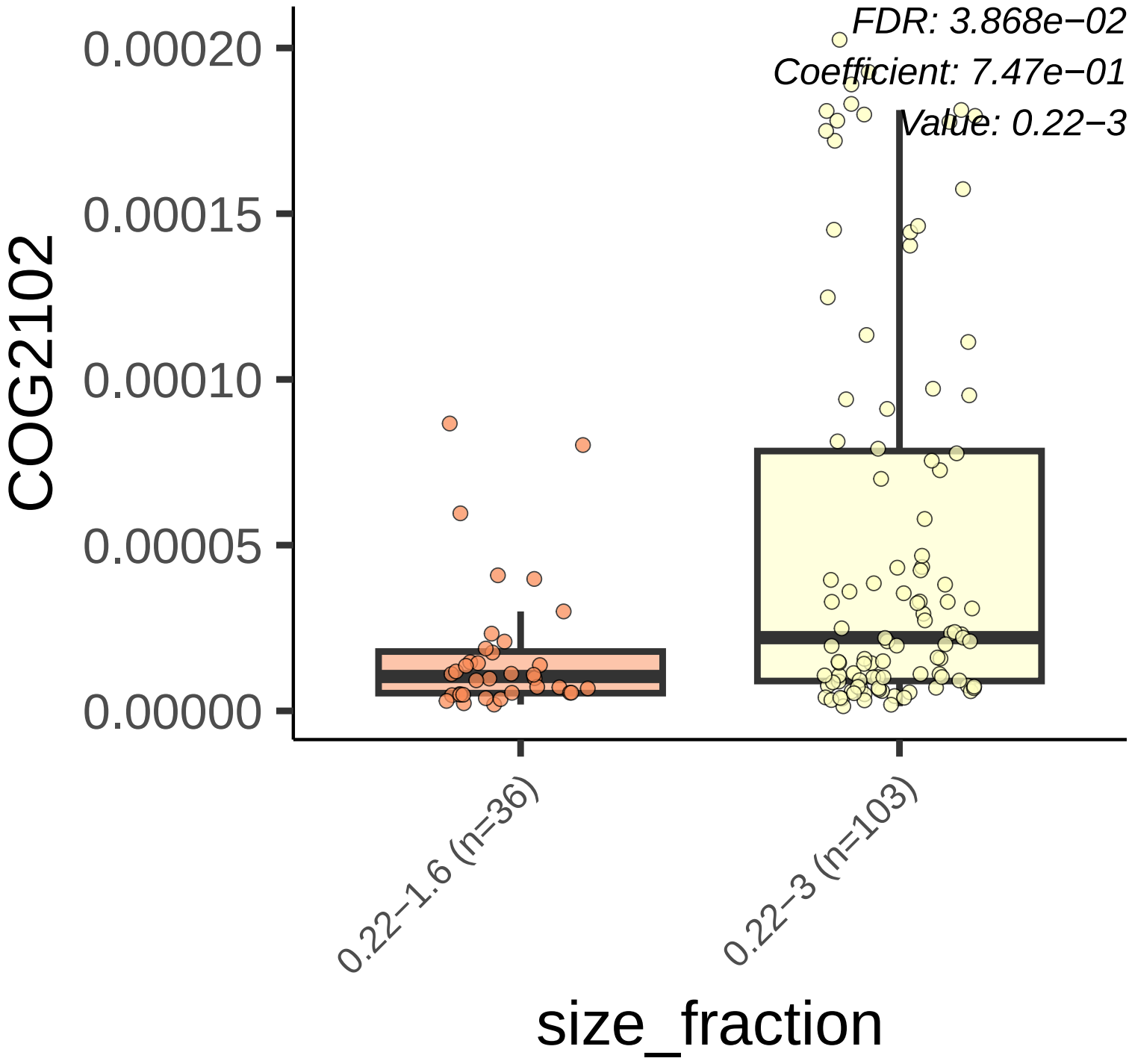

FDR: 3.788e−02
Coefficient: 3.26e+00
Value: 0.22−3
COG2430
2.0e−05
1.5e−05
1.0e−05
5.0e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

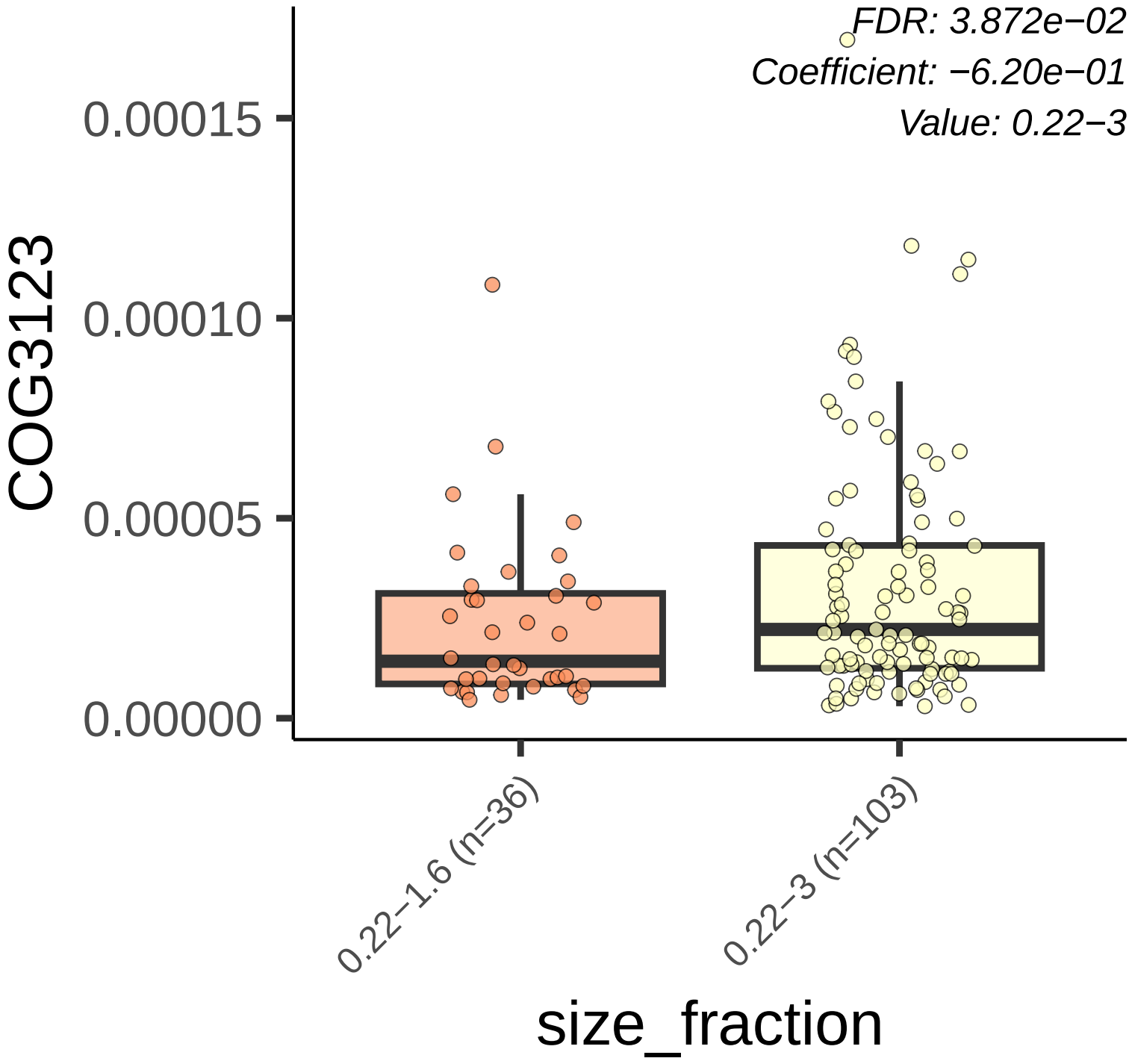

FDR: 3.788e−02
Coefficient: 3.66e+00
Value: 0.22−3
COG5562
6e−06
4e−06
2e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

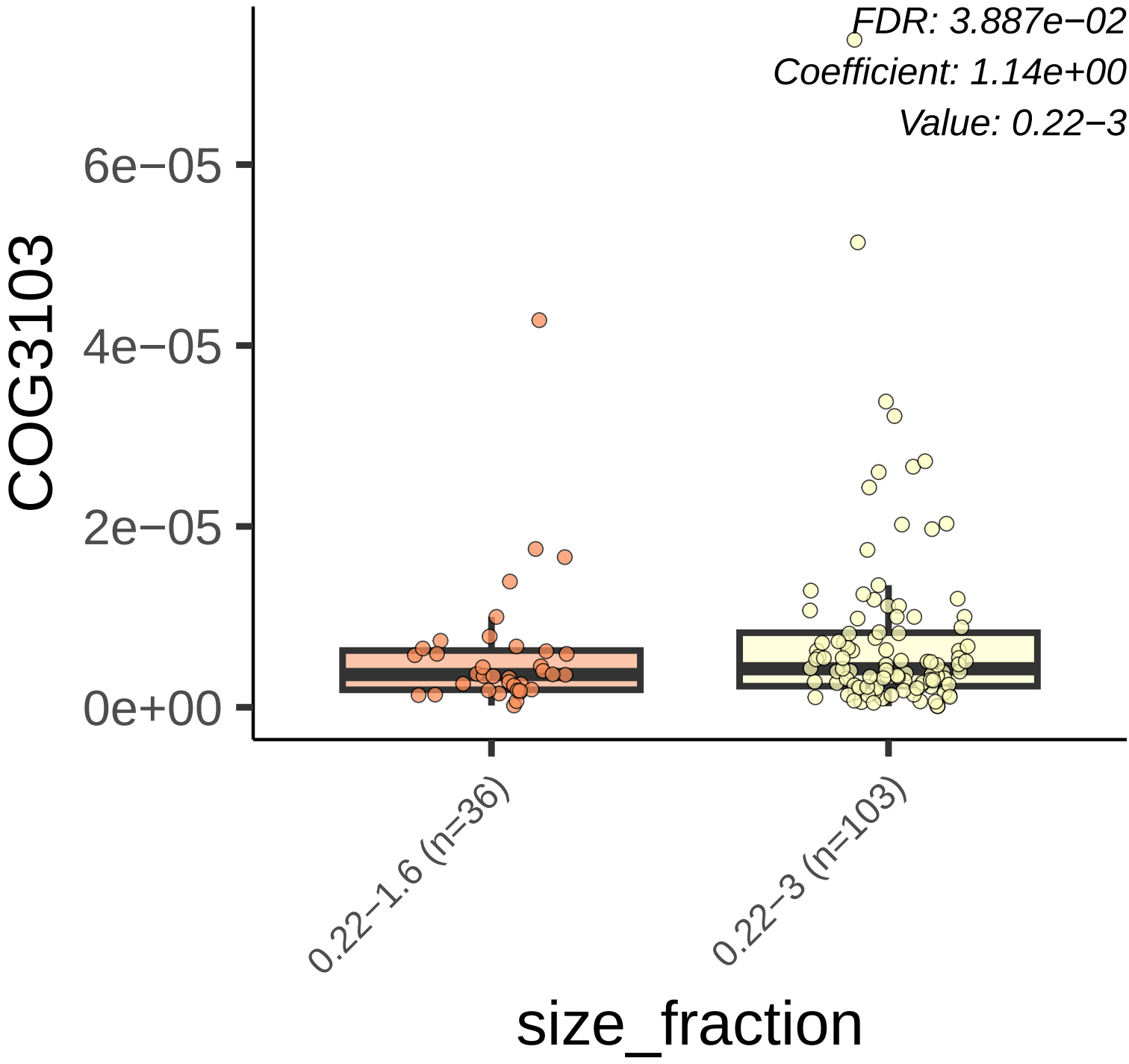

FDR: 3.791e−02
Coefficient: 7.34e−01
Value: 0.22−3
COG0068
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

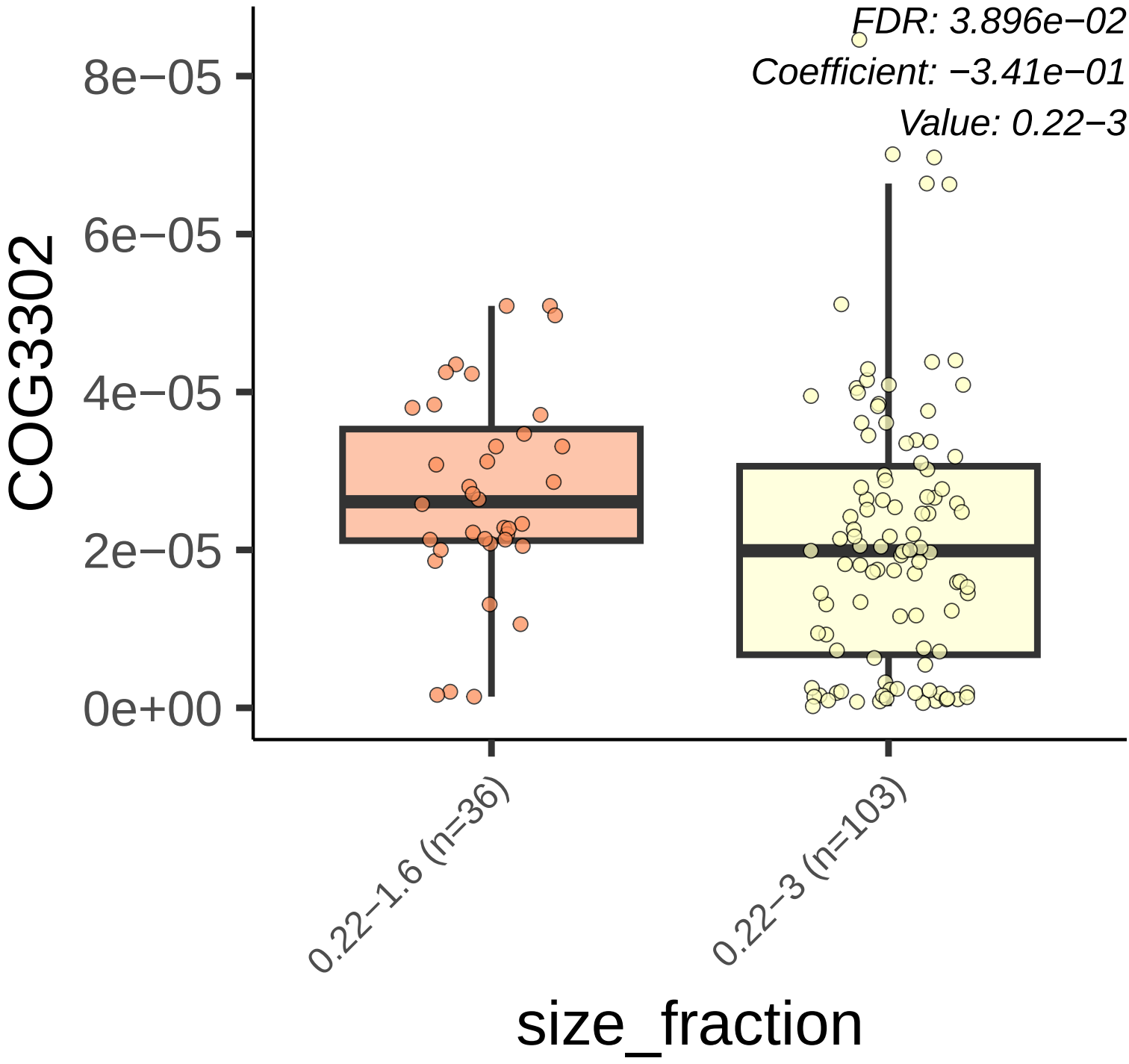

FDR: 3.791e−02
Coefficient: 8.57e−01
Value: 0.22−3
COG4112
1e−05
5e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

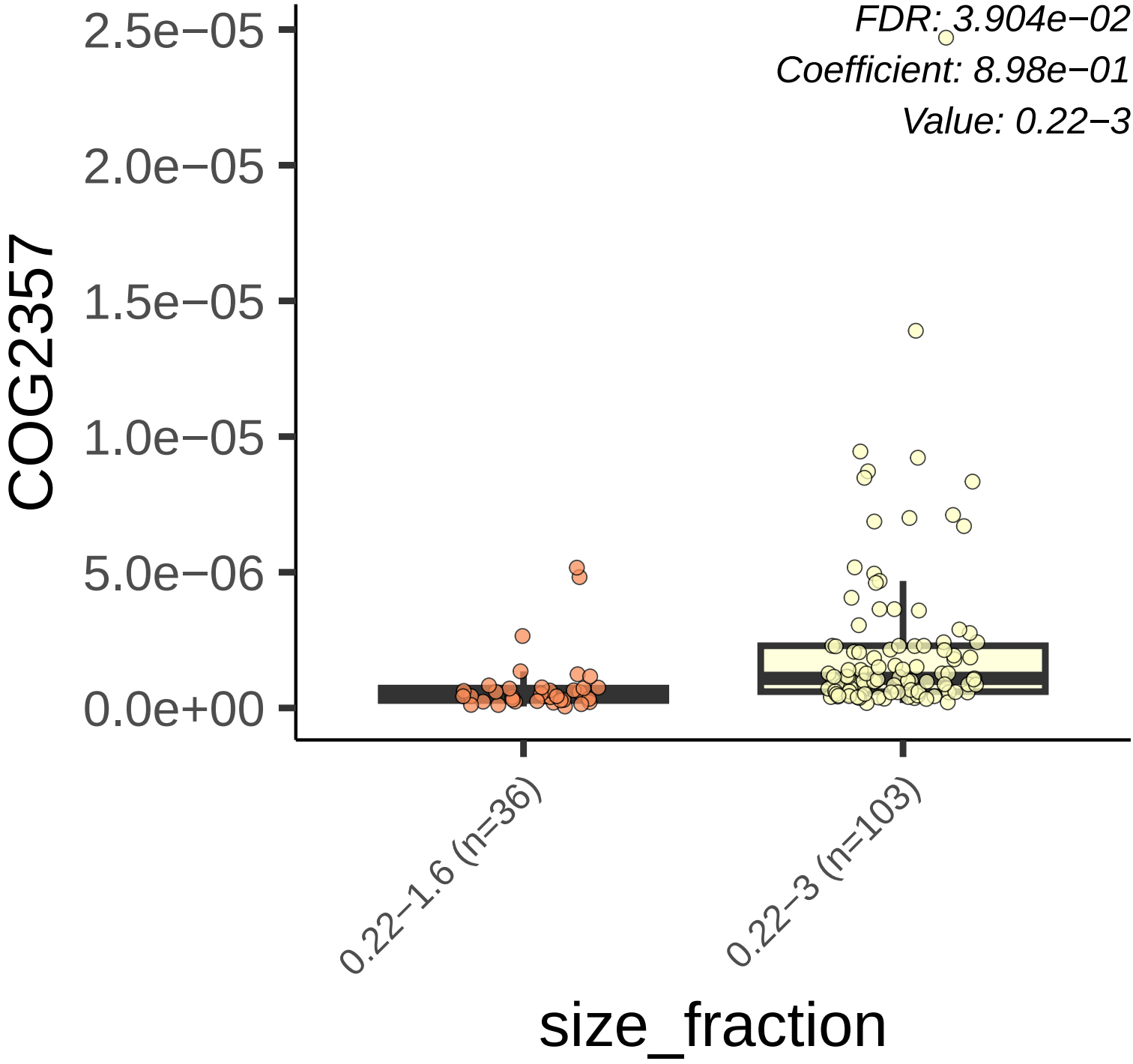

FDR: 3.802e−02
Coefficient: 5.84e−01
Value: 0.22−3
COG0417
4e−04
3e−04
2e−04
1e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

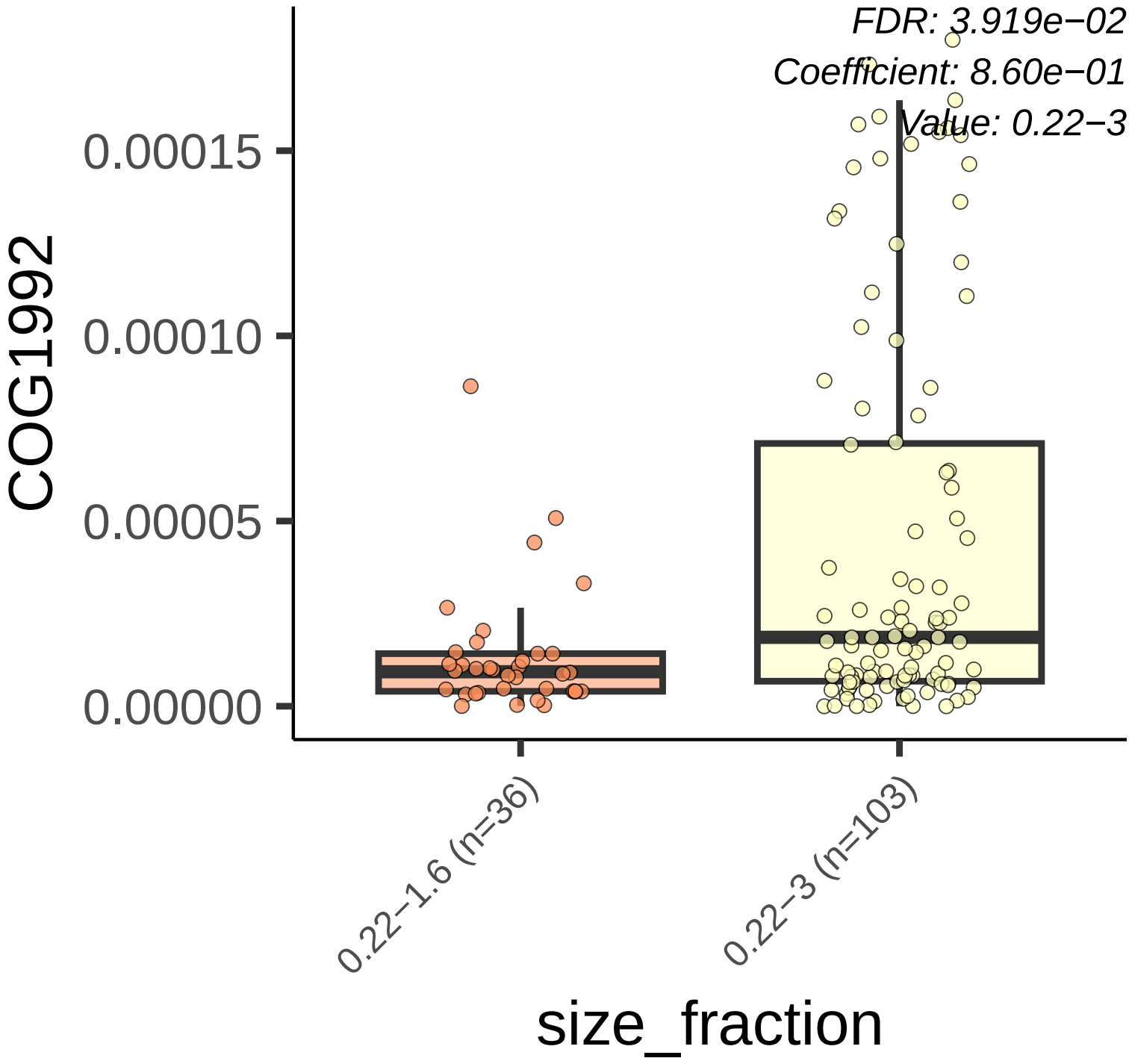

FDR: 3.868e−02
Coefficient: 7.47e−01
Value: 0.22−3
COG2102
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

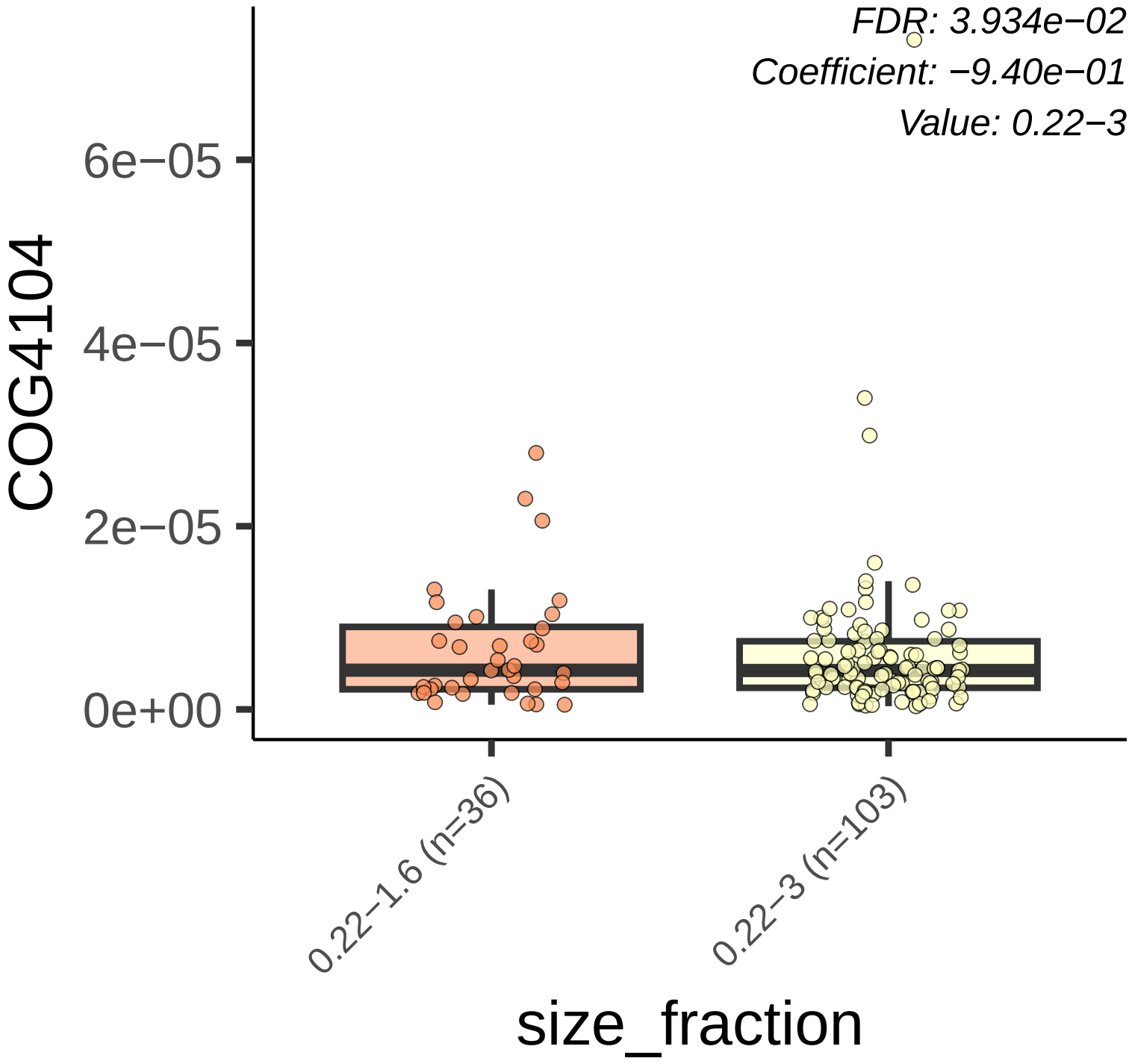

FDR: 3.872e−02
Coefficient: −6.20e−01
Value: 0.22−3
COG3123
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

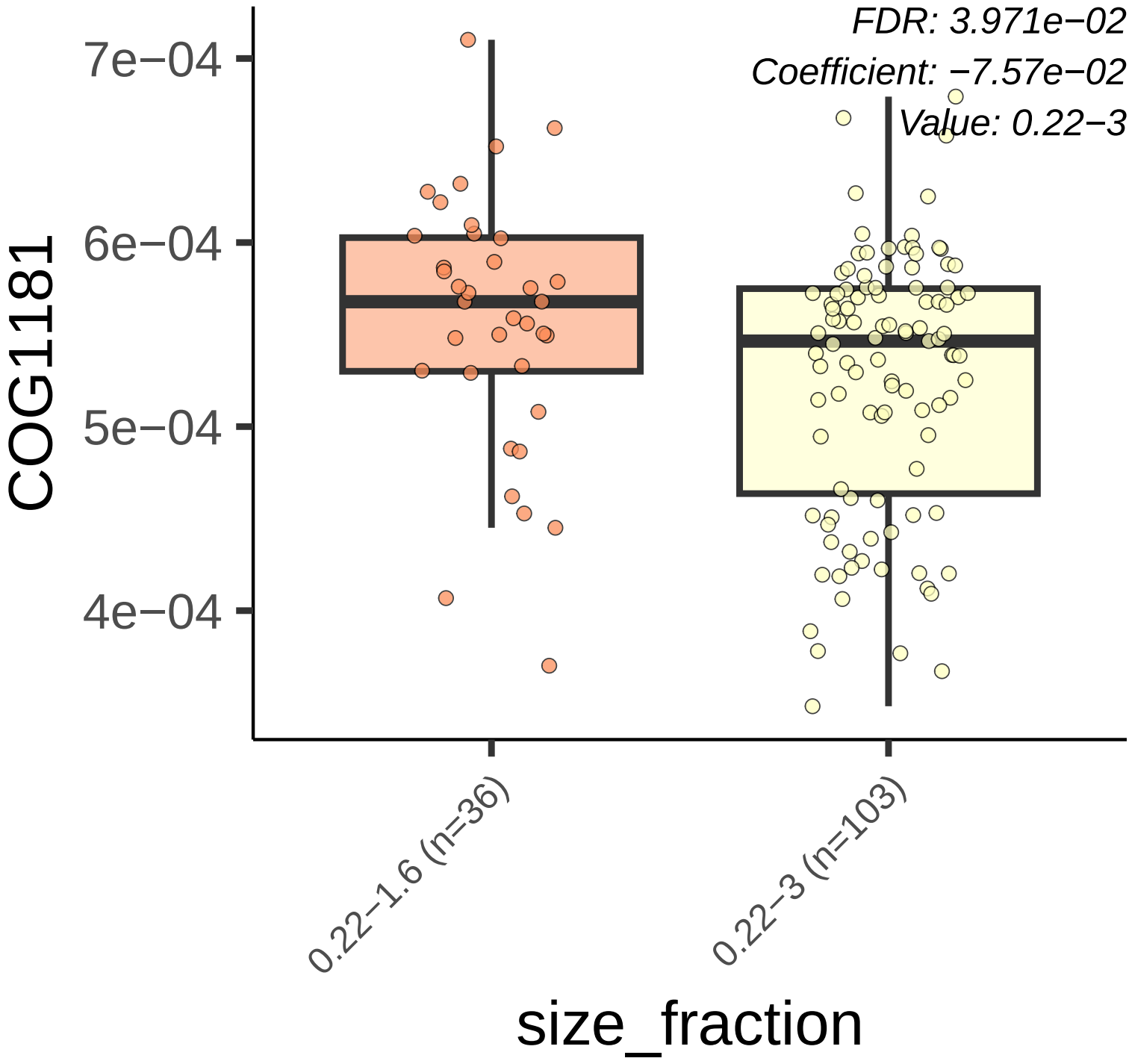

FDR: 3.887e−02
Coefficient: 1.14e+00
Value: 0.22−3
COG3103
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

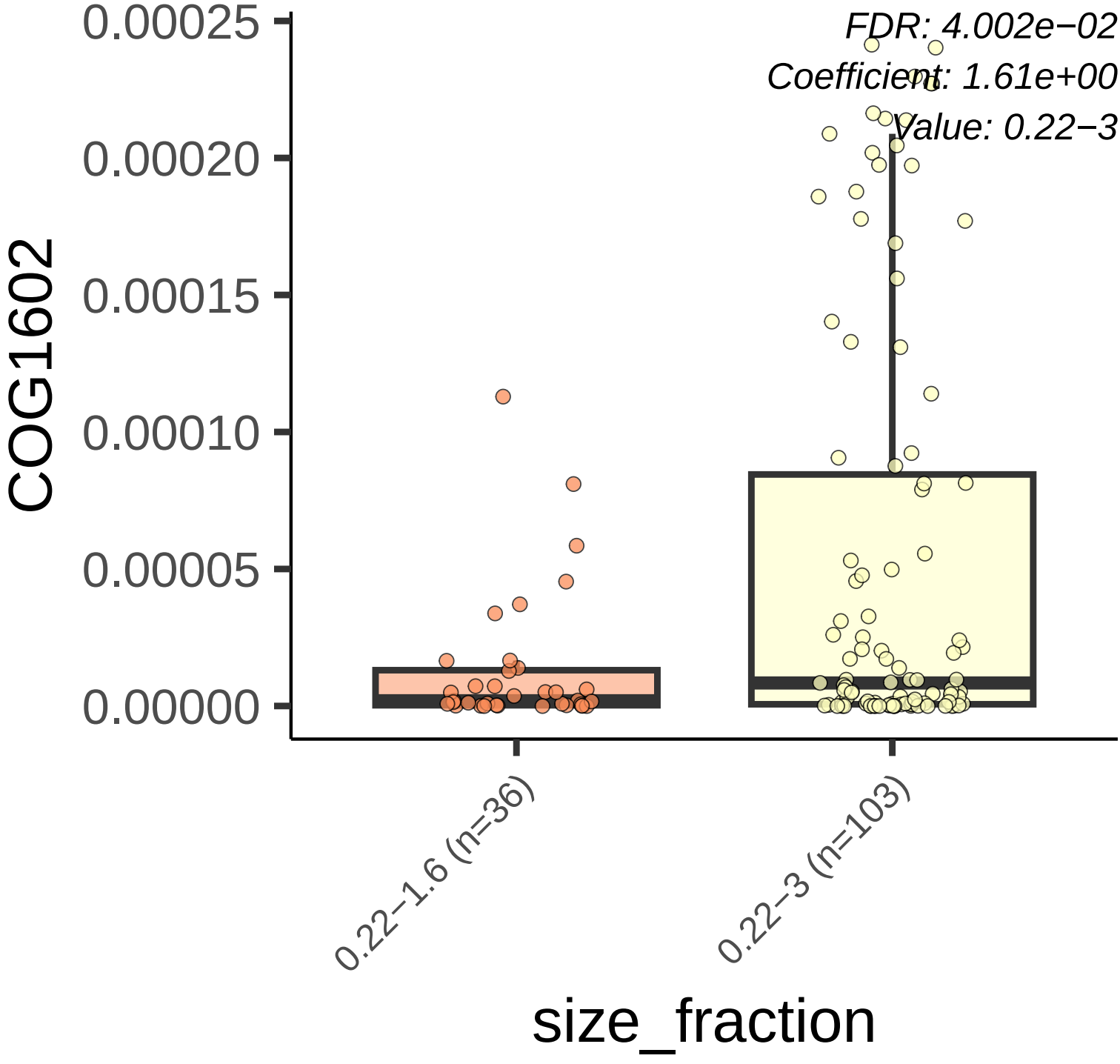

FDR: 3.896e−02
Coefficient: −3.41e−01
Value: 0.22−3
COG3302
8e−05
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

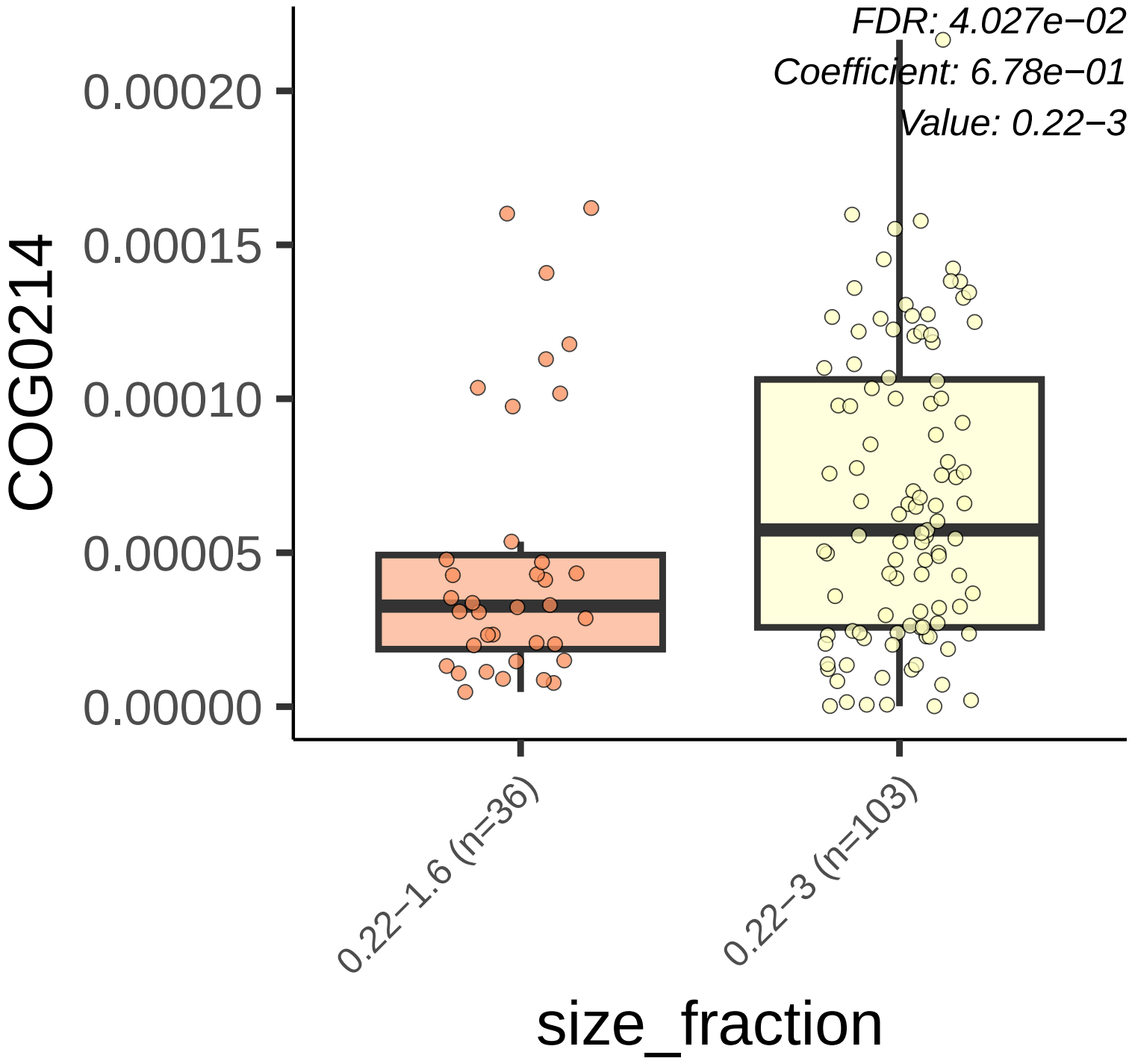

FDR: 3.904e−02
Coefficient: 8.98e−01
Value: 0.22−3
COG2357
2.5e−05
2.0e−05
1.5e−05
1.0e−05
5.0e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

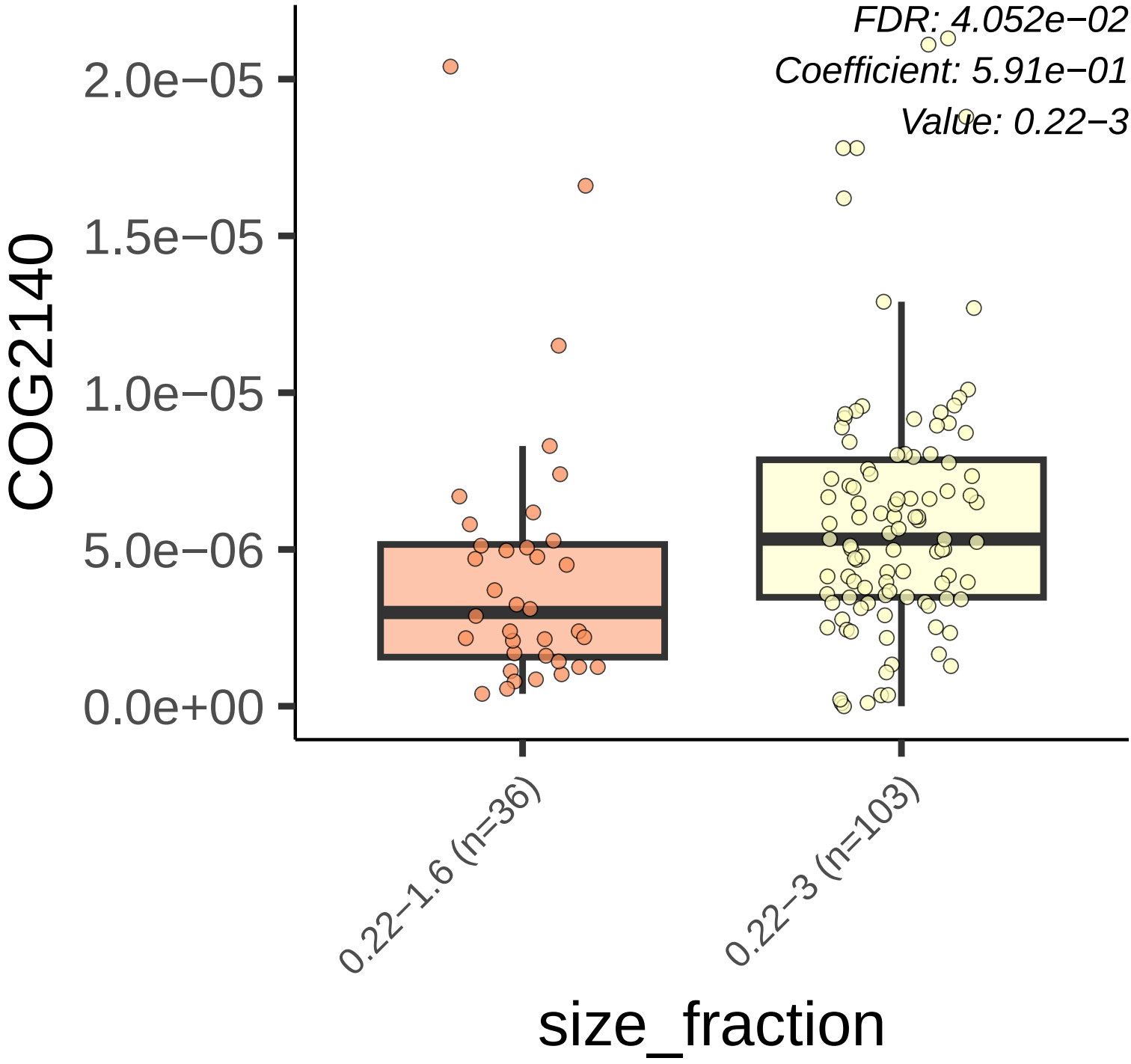

FDR: 3.919e−02
Coefficient: 8.60e−01
Value: 0.22−3
COG1992
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

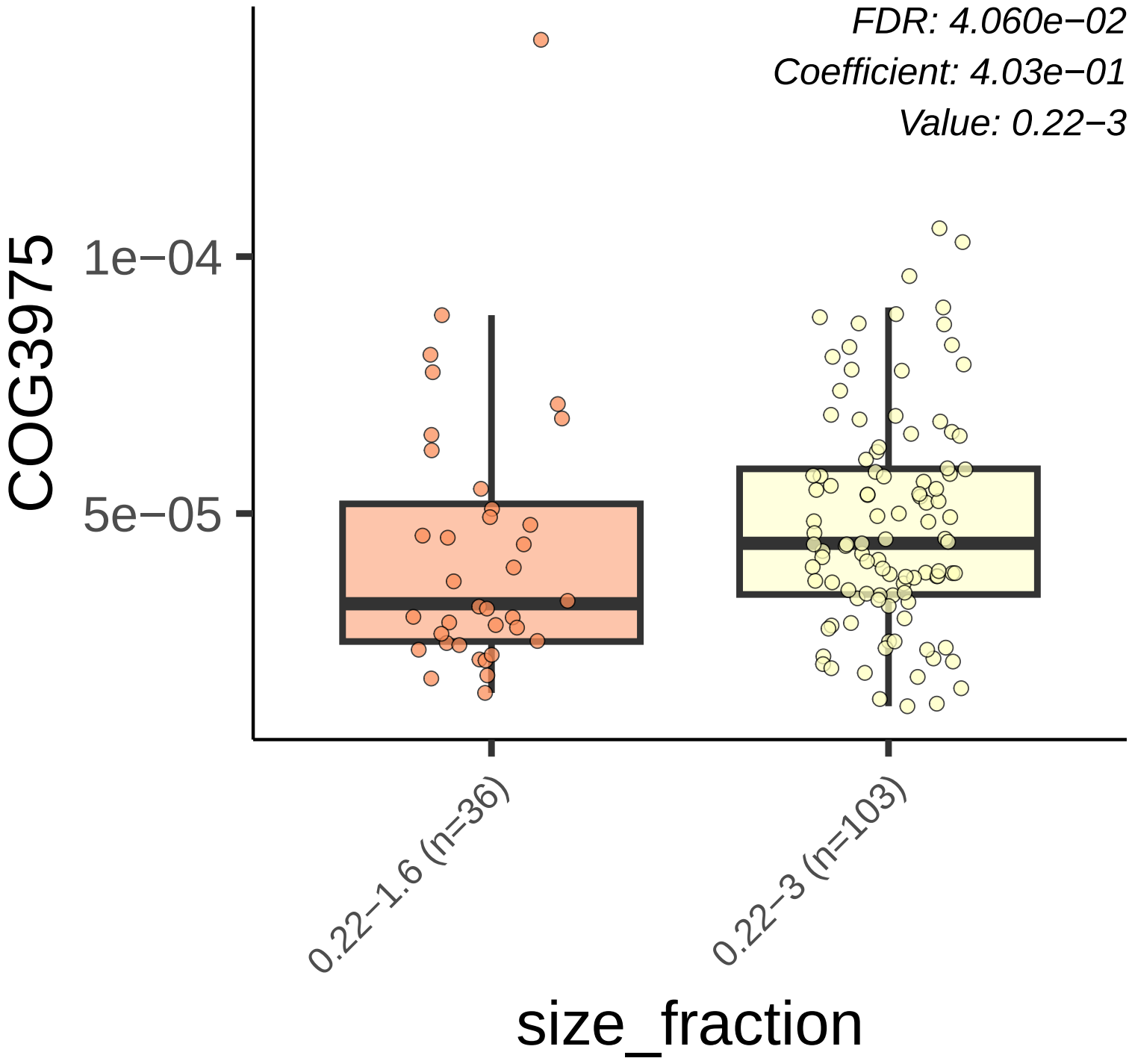

FDR: 3.934e−02
Coefficient: −9.40e−01
Value: 0.22−3
COG4104
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

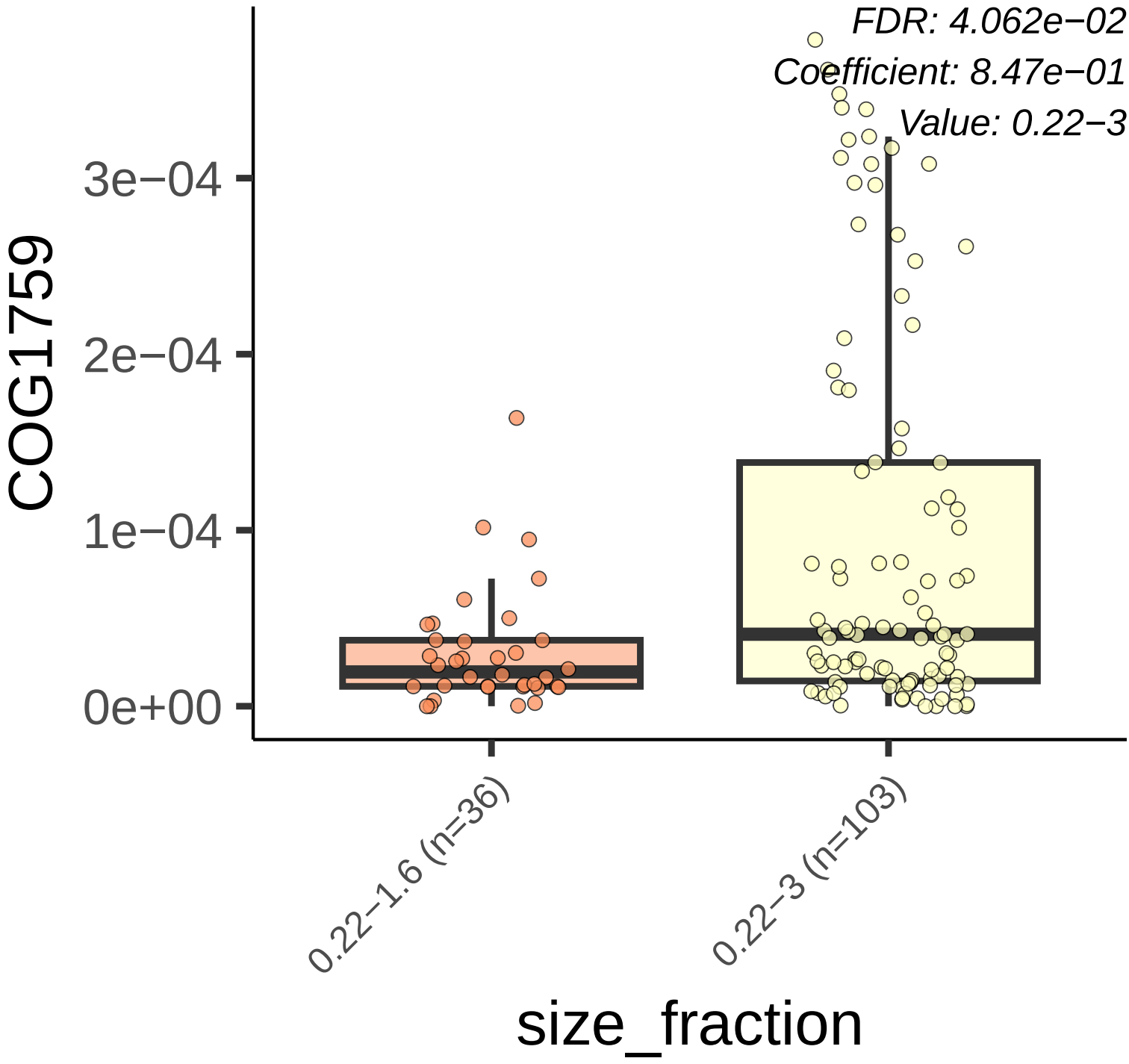

FDR: 3.971e−02
Coefficient: −7.57e−02
Value: 0.22−3
7e−04
6e−04
5e−04
4e−04
COG1181
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

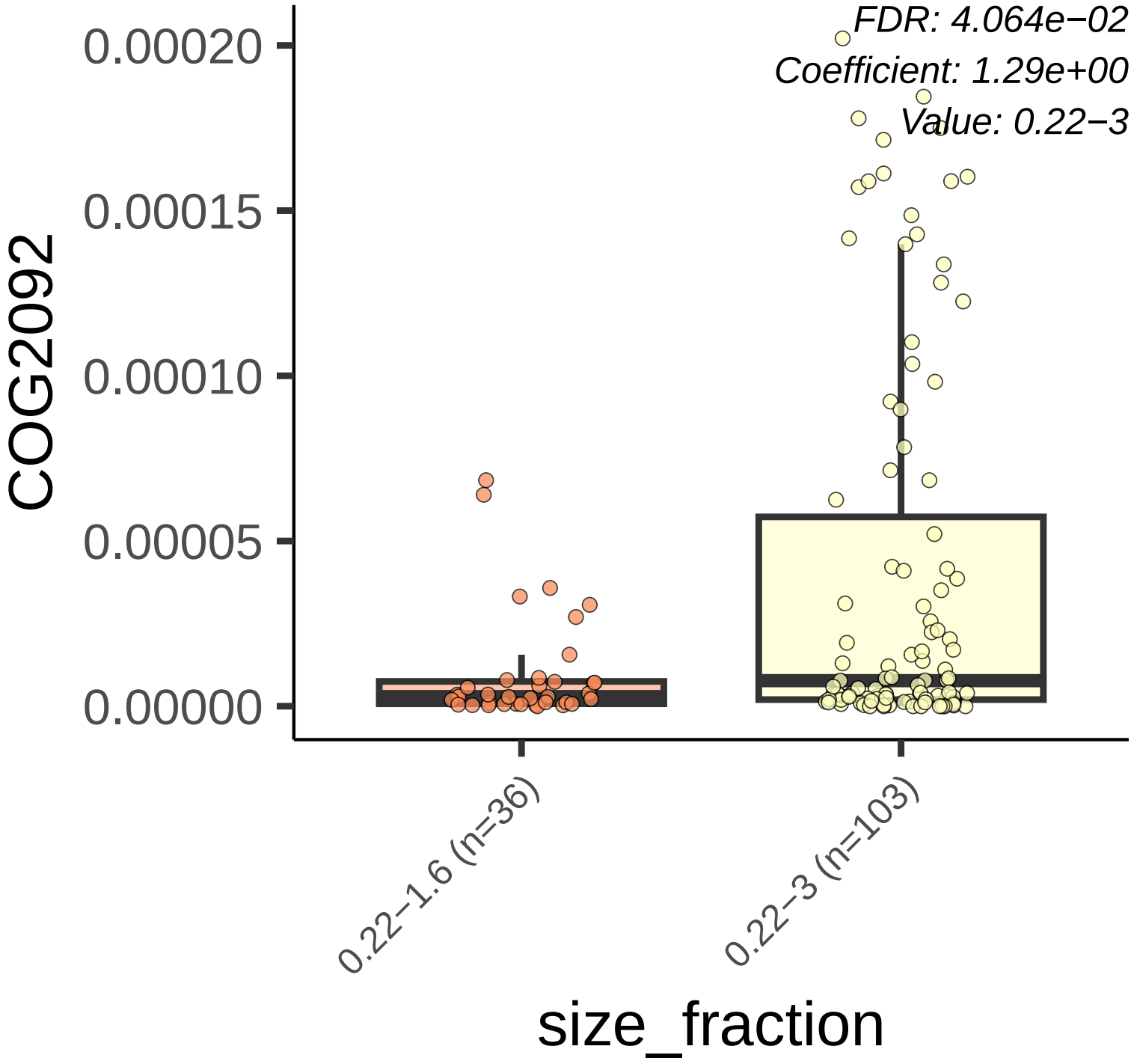

FDR: 4.002e−02
Coefficient: 1.61e+00
Value: 0.22−3
COG1602
0.00025
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

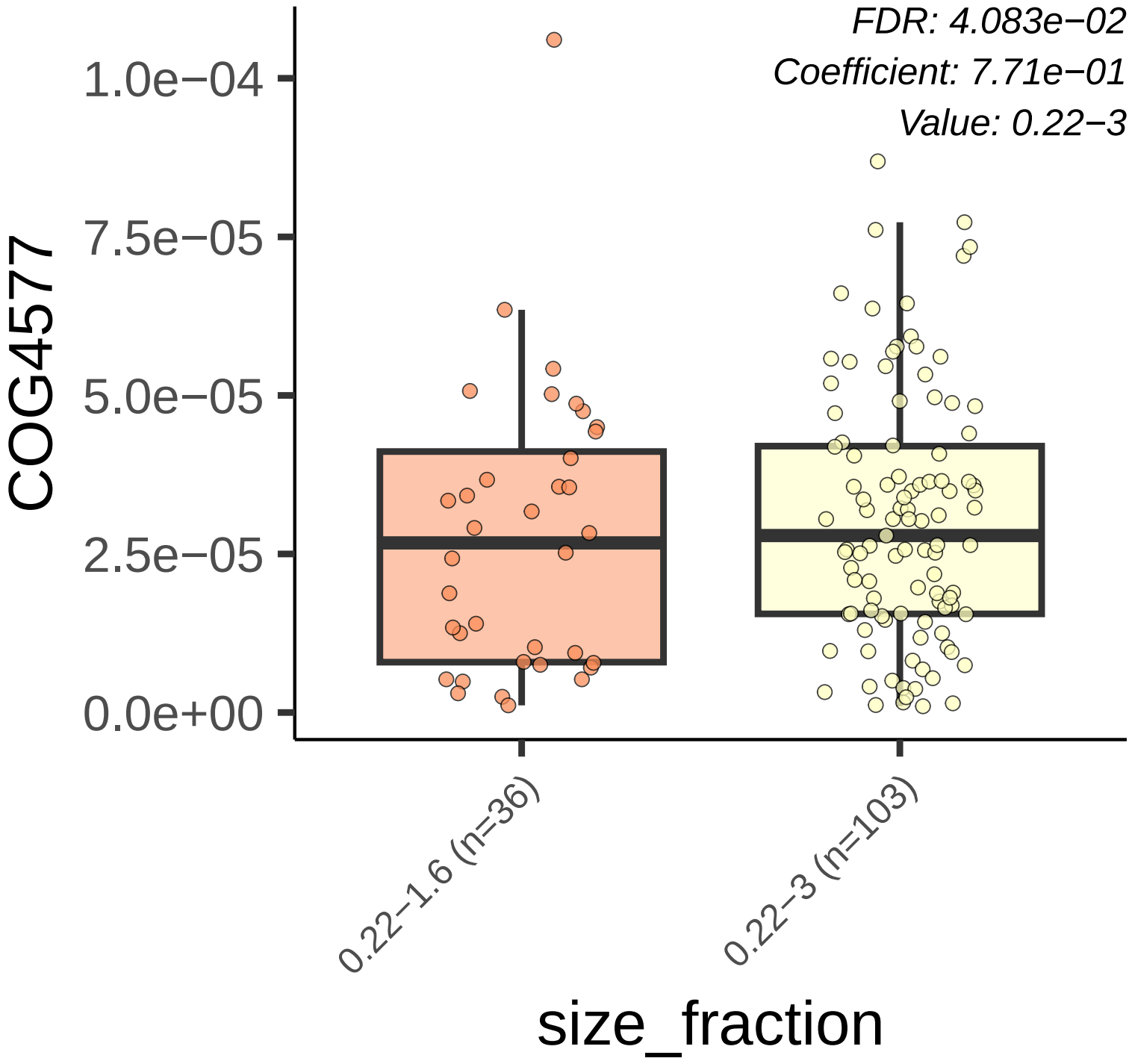

FDR: 4.027e−02
Coefficient: 6.78e−01
Value: 0.22−3
COG0214
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

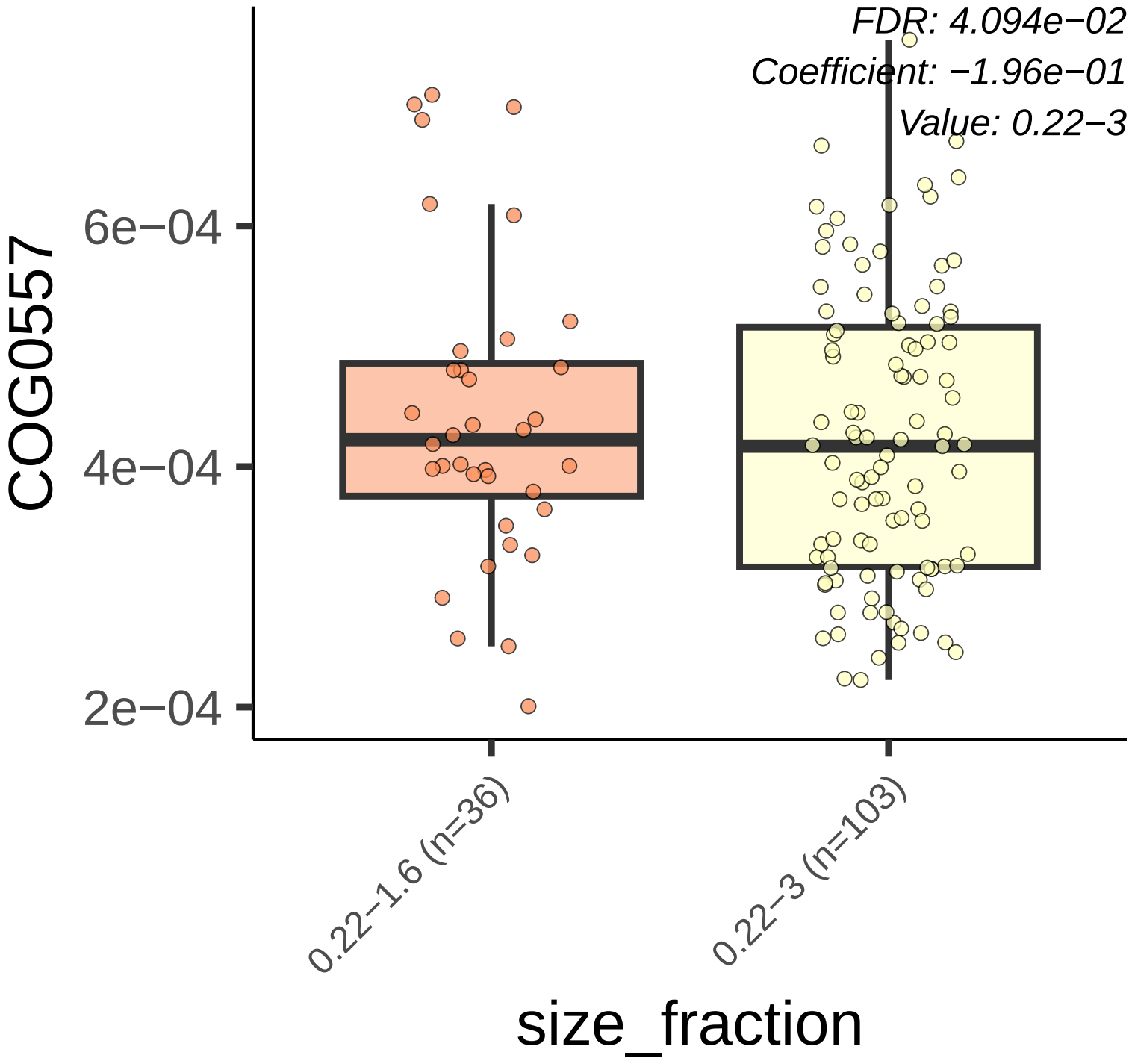

FDR: 4.052e−02
Coefficient: 5.91e−01
Value: 0.22−3
COG2140
2.0e−05
1.5e−05
1.0e−05
5.0e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

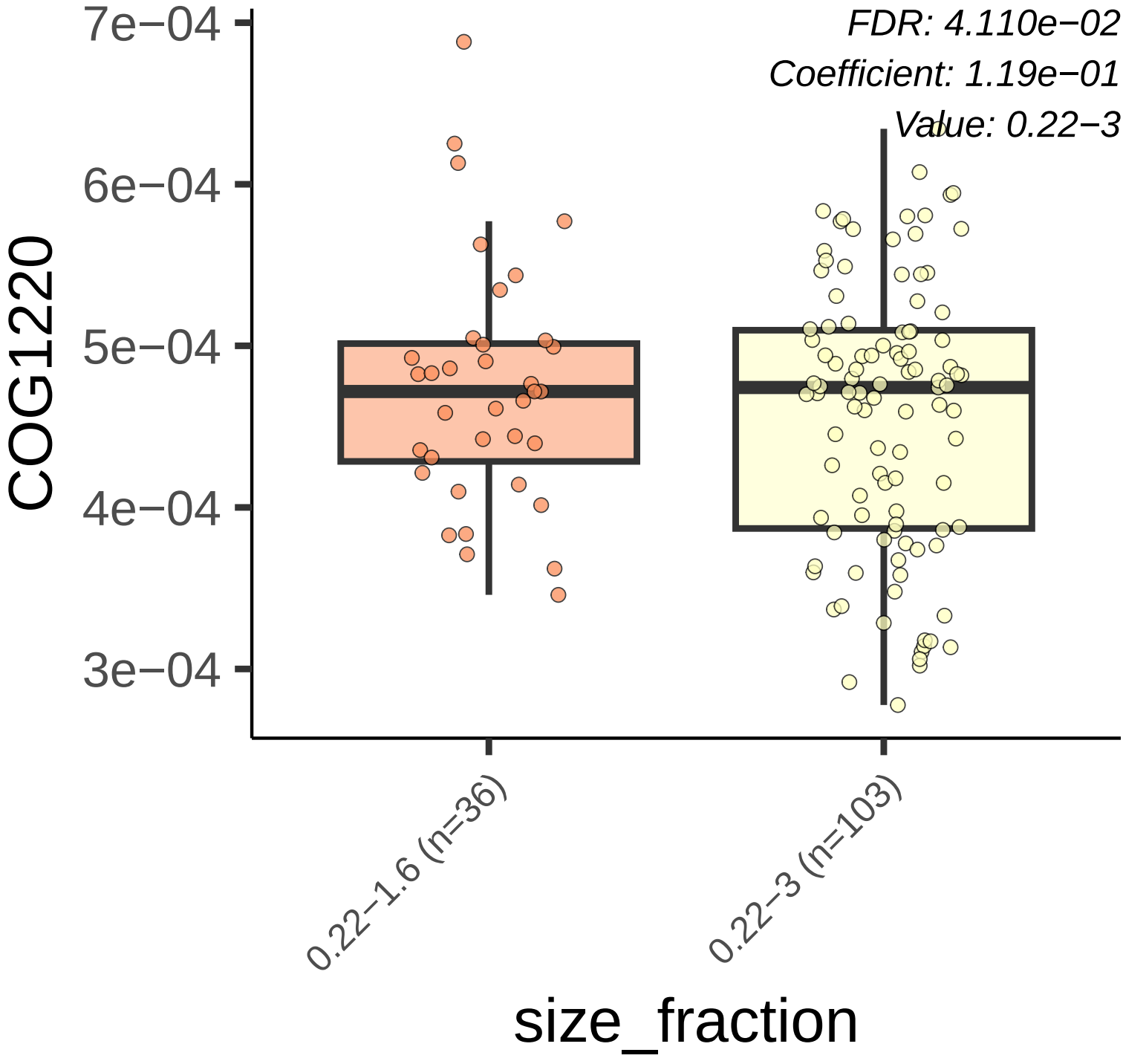

FDR: 4.060e−02
Coefficient: 4.03e−01
Value: 0.22−3
COG3975
1e−04
5e−05
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

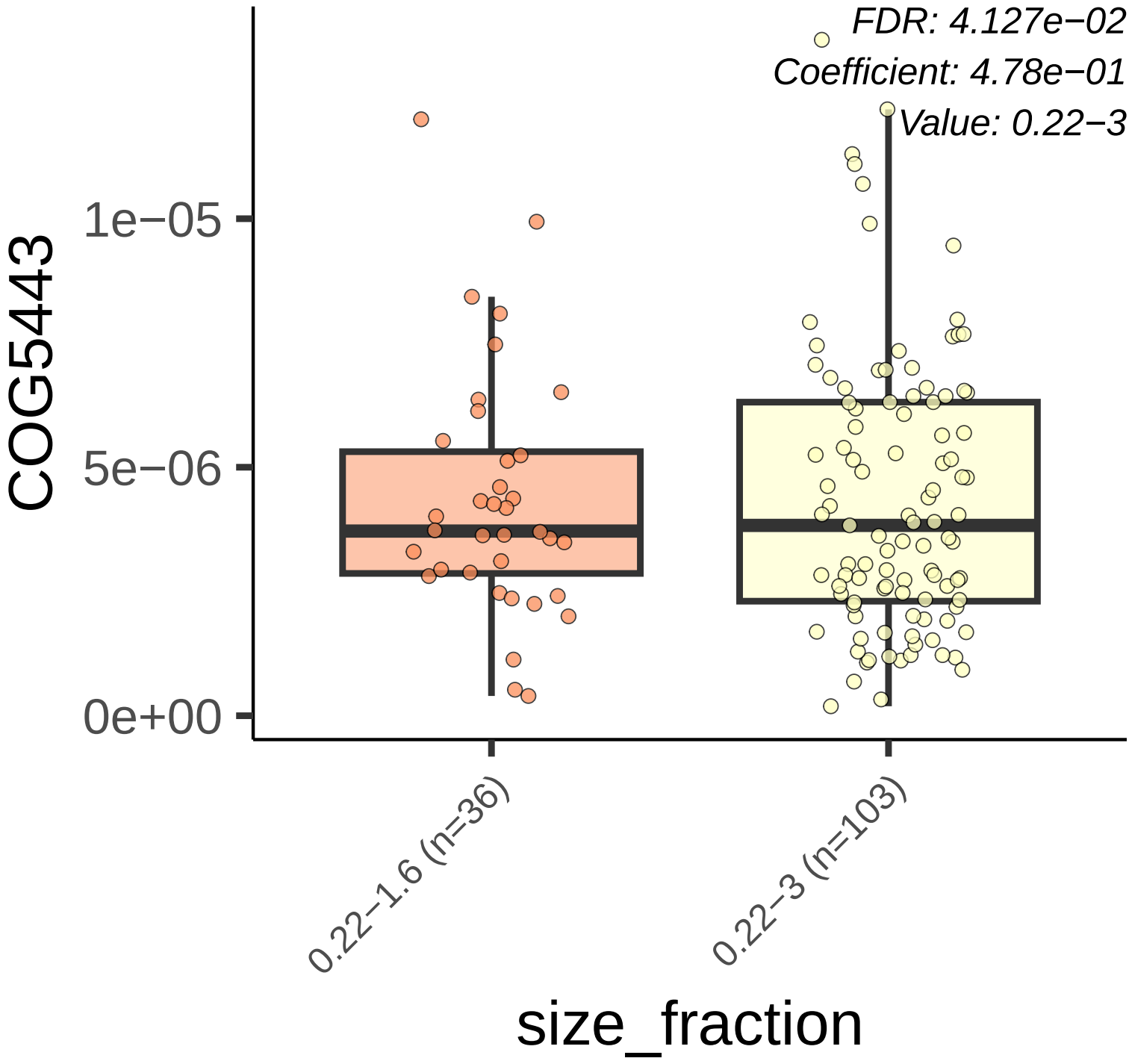

FDR: 4.062e−02
Coefficient: 8.47e−01
Value: 0.22−3
COG1759
3e−04
2e−04
1e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

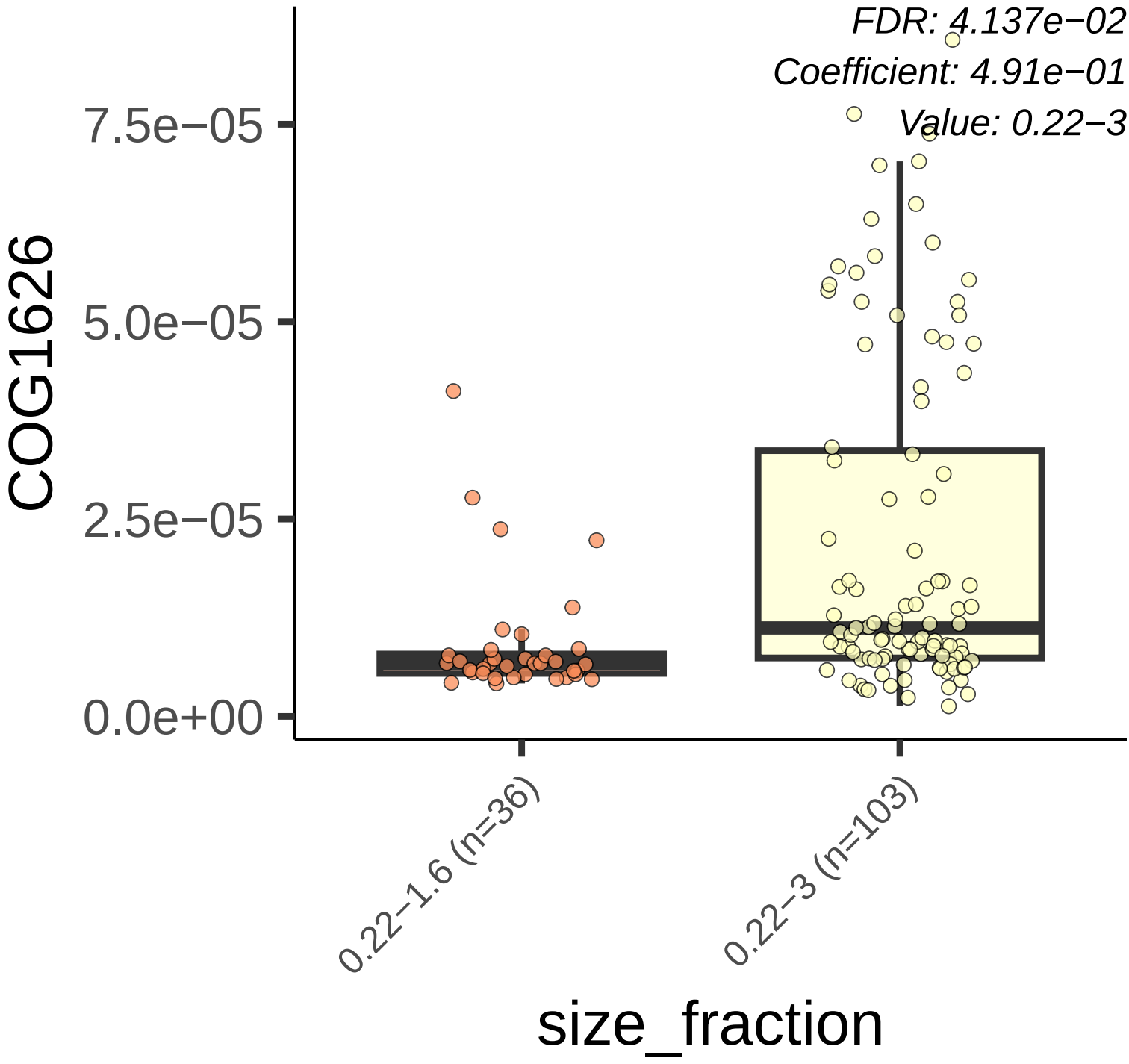

FDR: 4.064e−02
Coefficient: 1.29e+00
Value: 0.22−3
COG2092
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

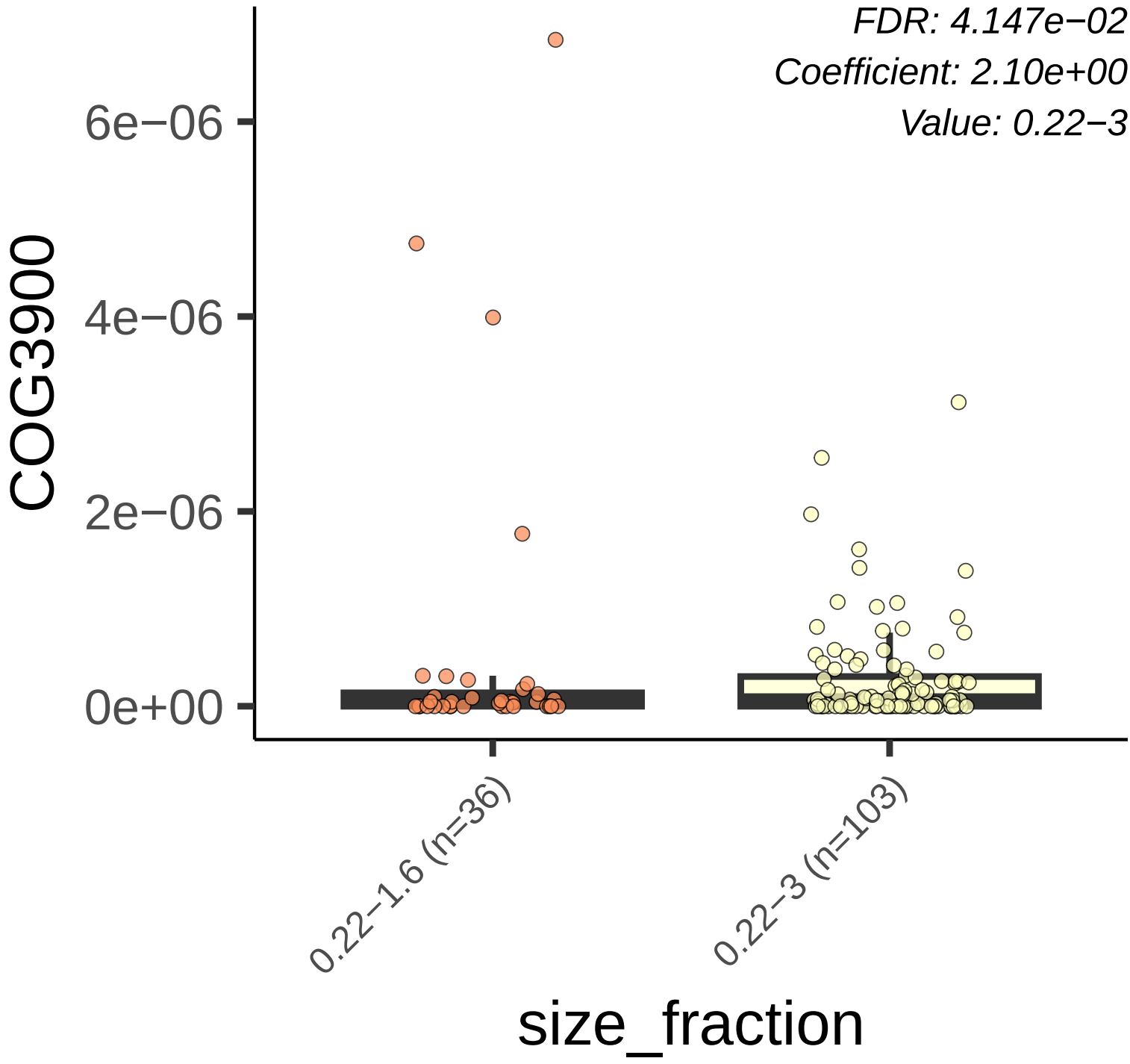

FDR: 4.083e−02
Coefficient: 7.71e−01
Value: 0.22−3
COG4577
1.0e−04
7.5e−05
5.0e−05
2.5e−05
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

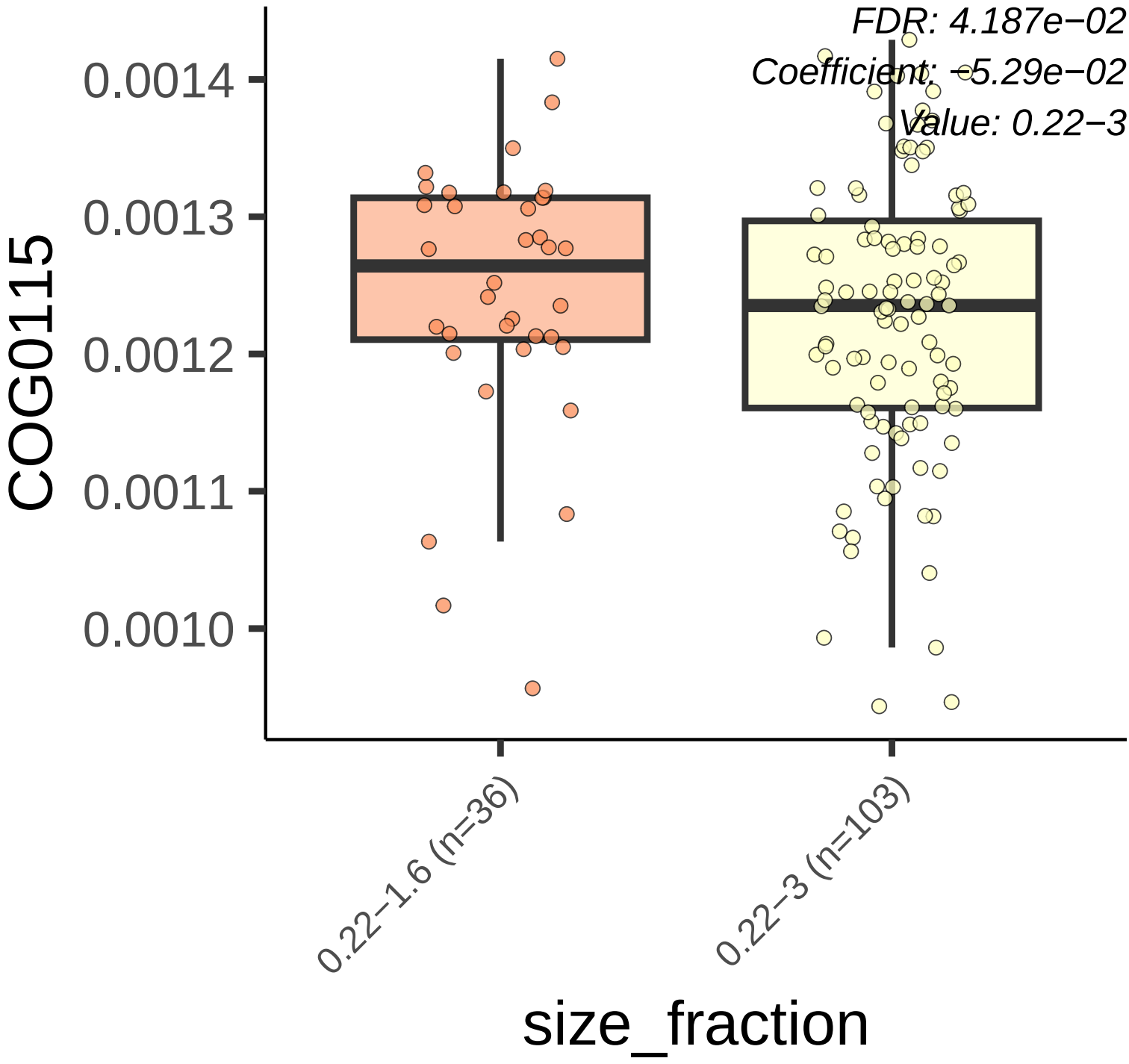

FDR: 4.094e−02
Coefficient: −1.96e−01
Value: 0.22−3
COG0557
6e−04
4e−04
2e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

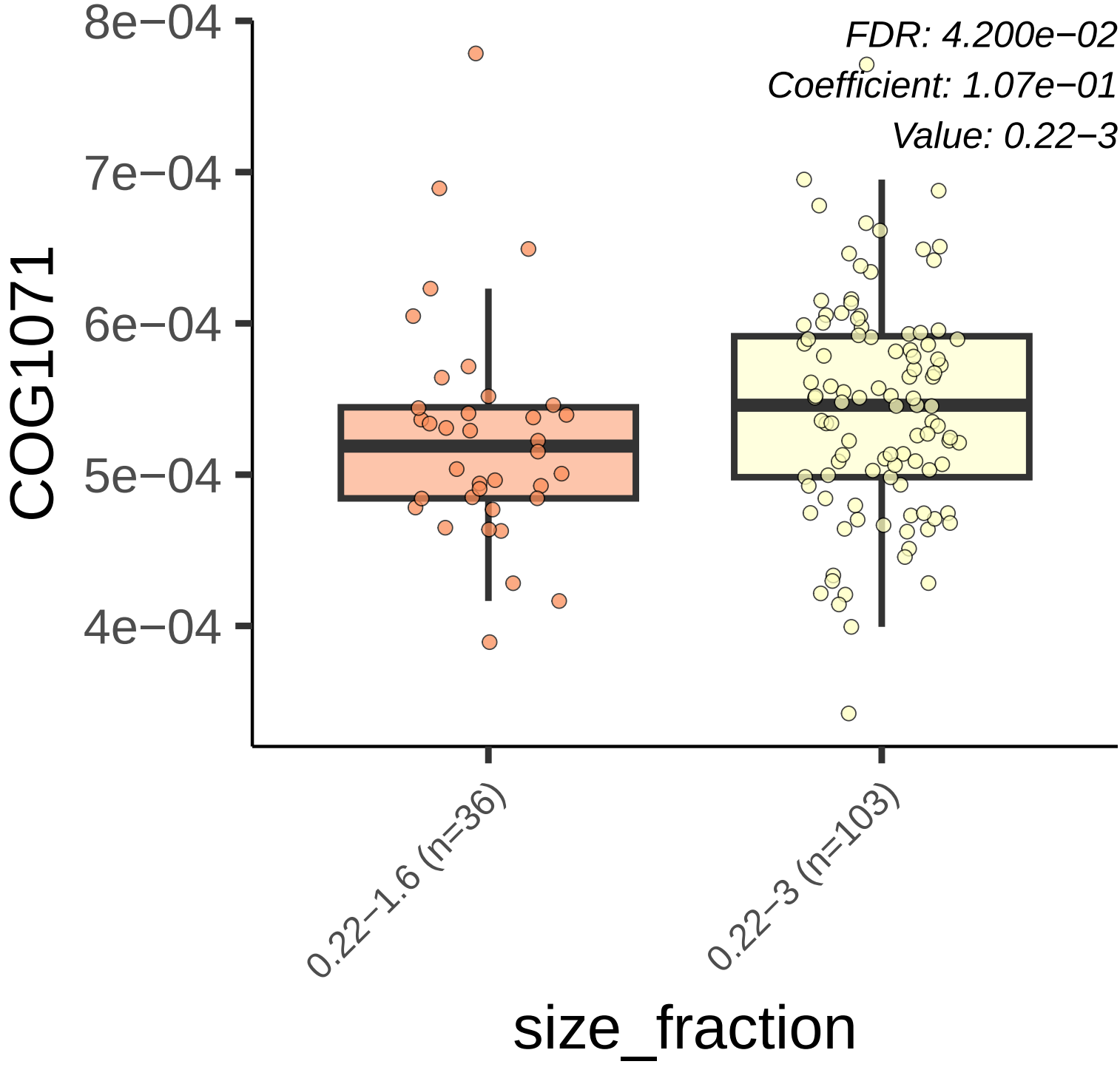

FDR: 4.110e−02
Coefficient: 1.19e−01
Value: 0.22−3
7e−04
6e−04
5e−04
4e−04
3e−04
COG1220
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

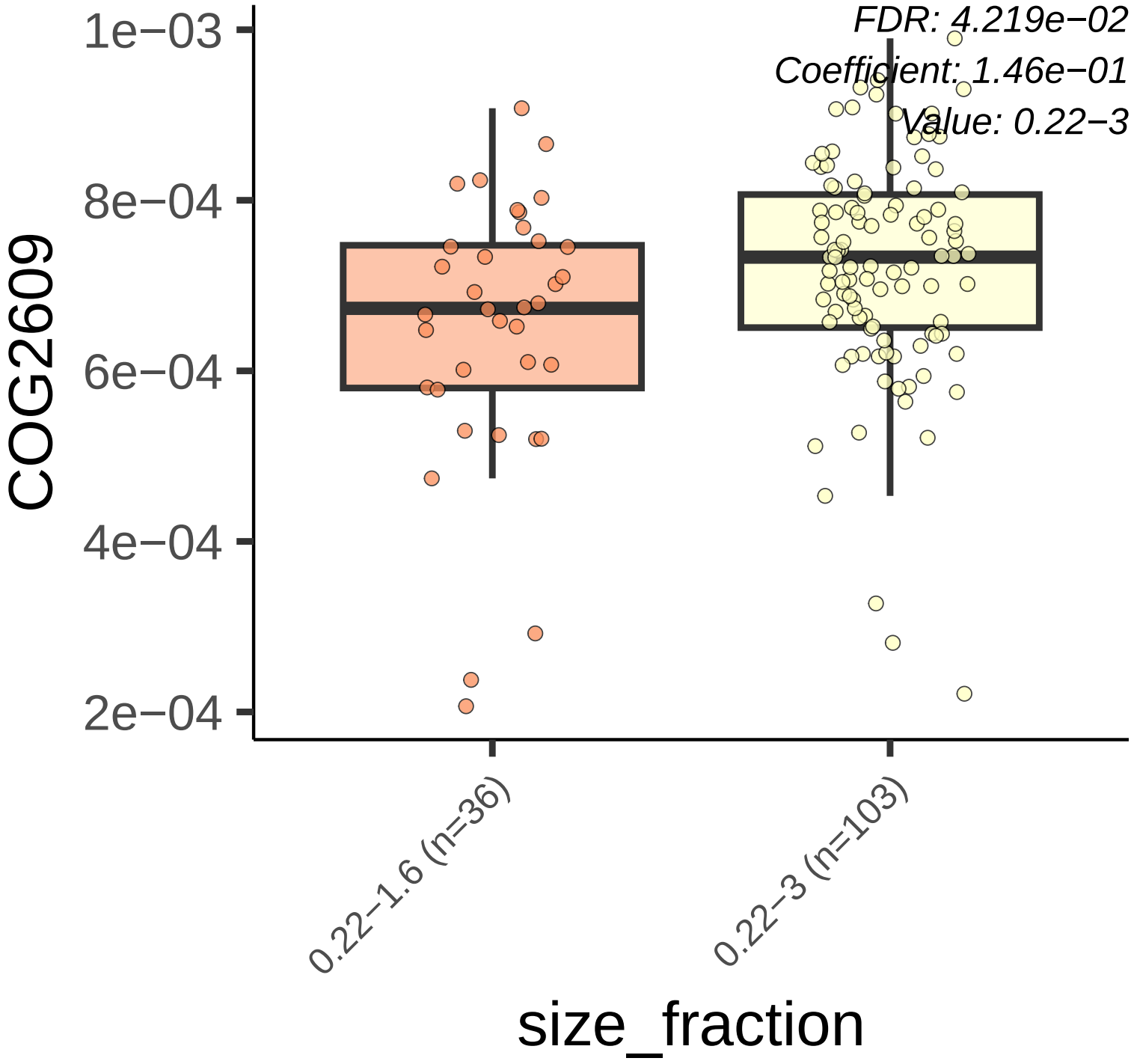

FDR: 4.127e−02
Coefficient: 4.78e−01
Value: 0.22−3
COG5443
1e−05
5e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

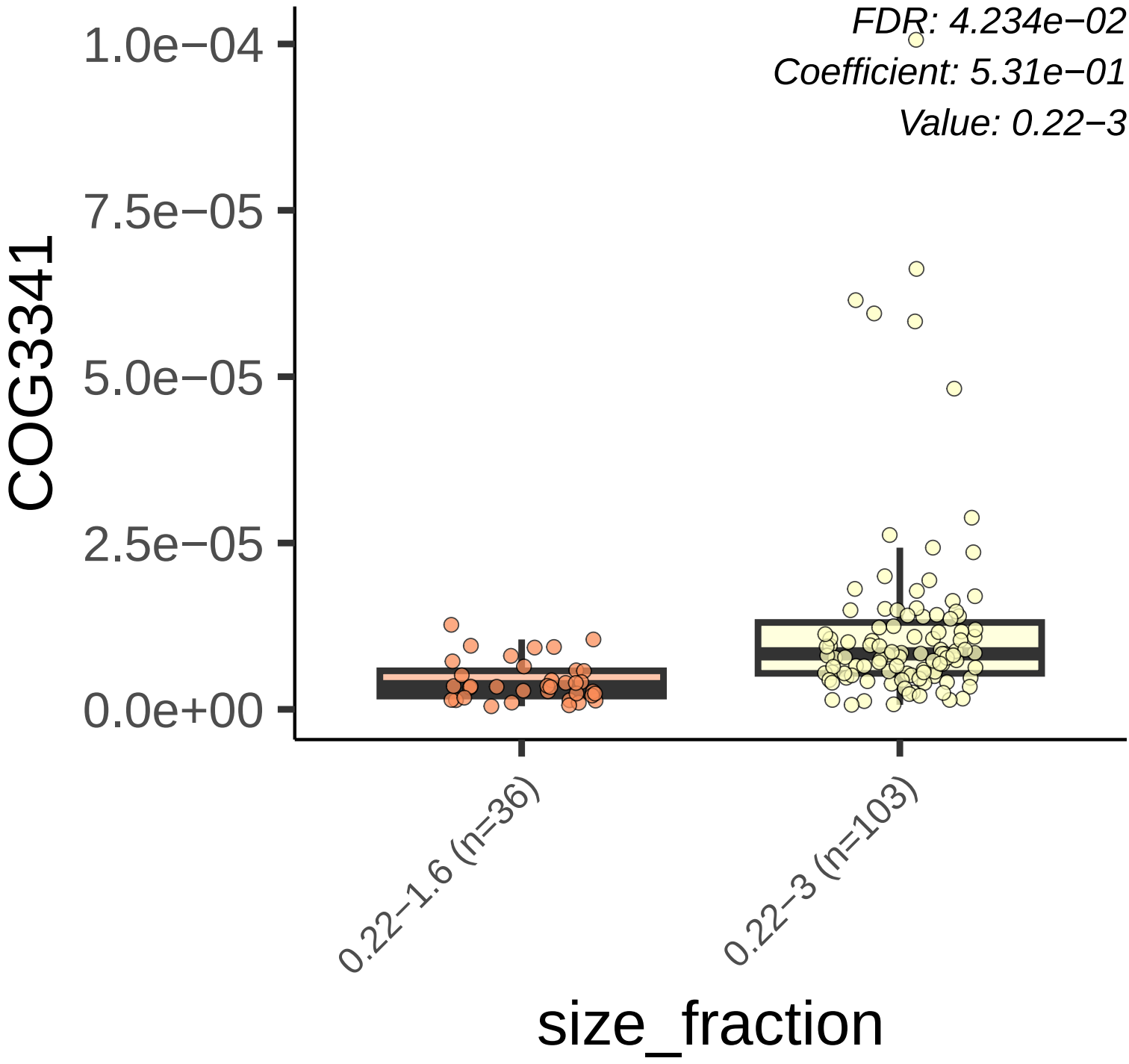

FDR: 4.137e−02
Coefficient: 4.91e−01
Value: 0.22−3
COG1626
7.5e−05
5.0e−05
2.5e−05
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

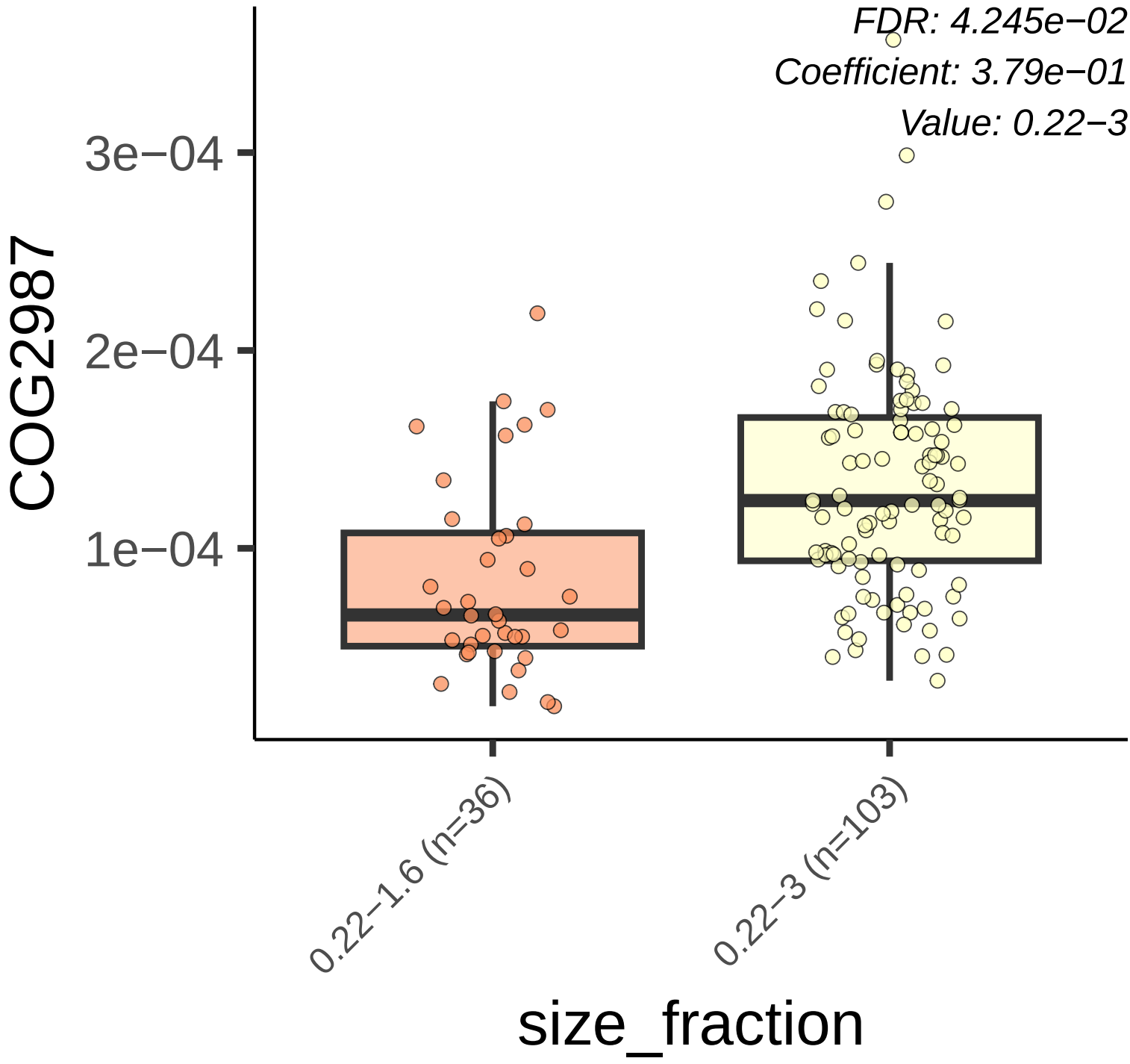

FDR: 4.147e−02
Coefficient: 2.10e+00
Value: 0.22−3
COG3900
6e−06
4e−06
2e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

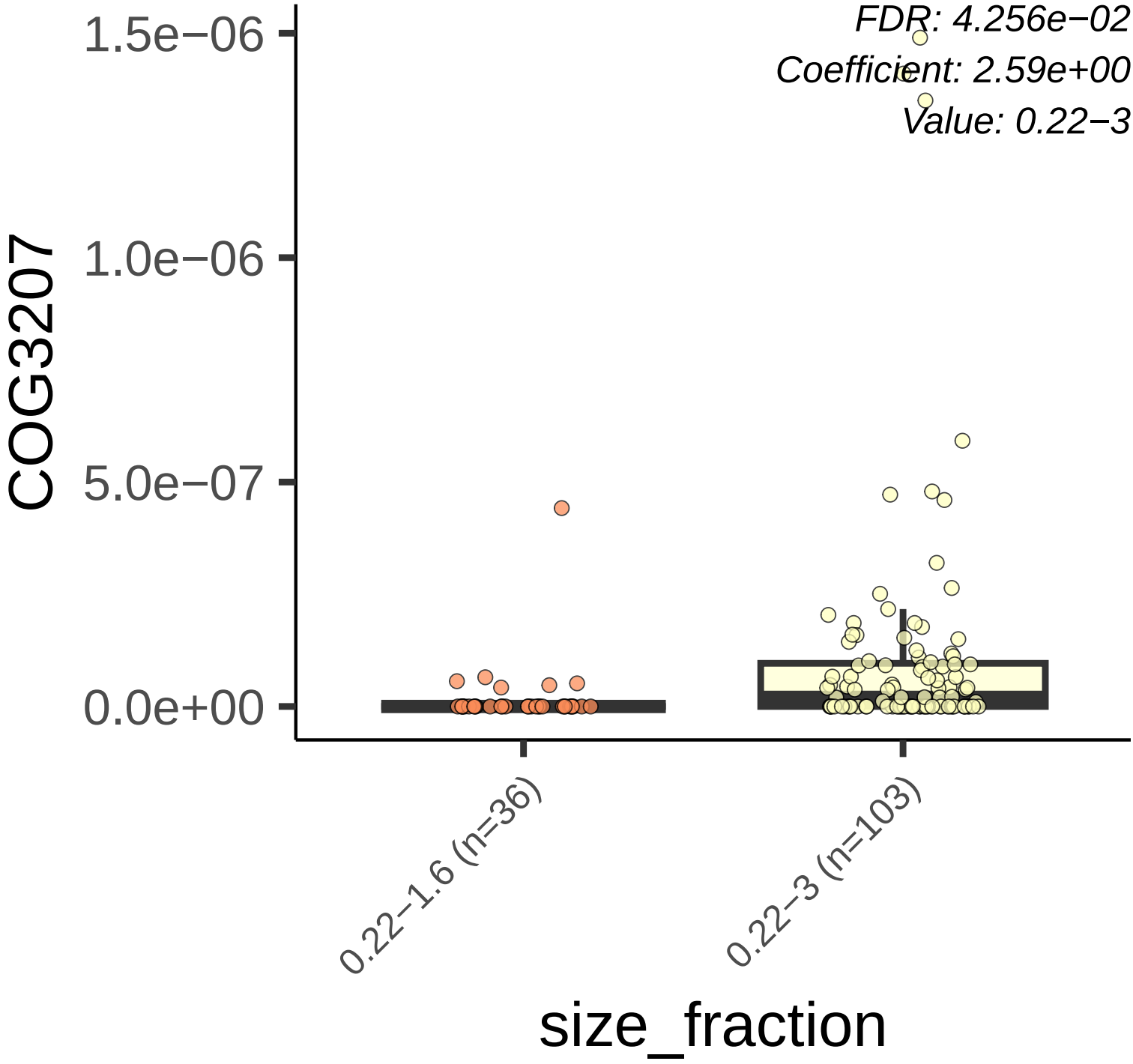

FDR: 4.187e−02
Coefficient: −5.29e−02
Value: 0.22−3
COG0115
0.0014
0.0013
0.0012
0.0011
0.0010
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

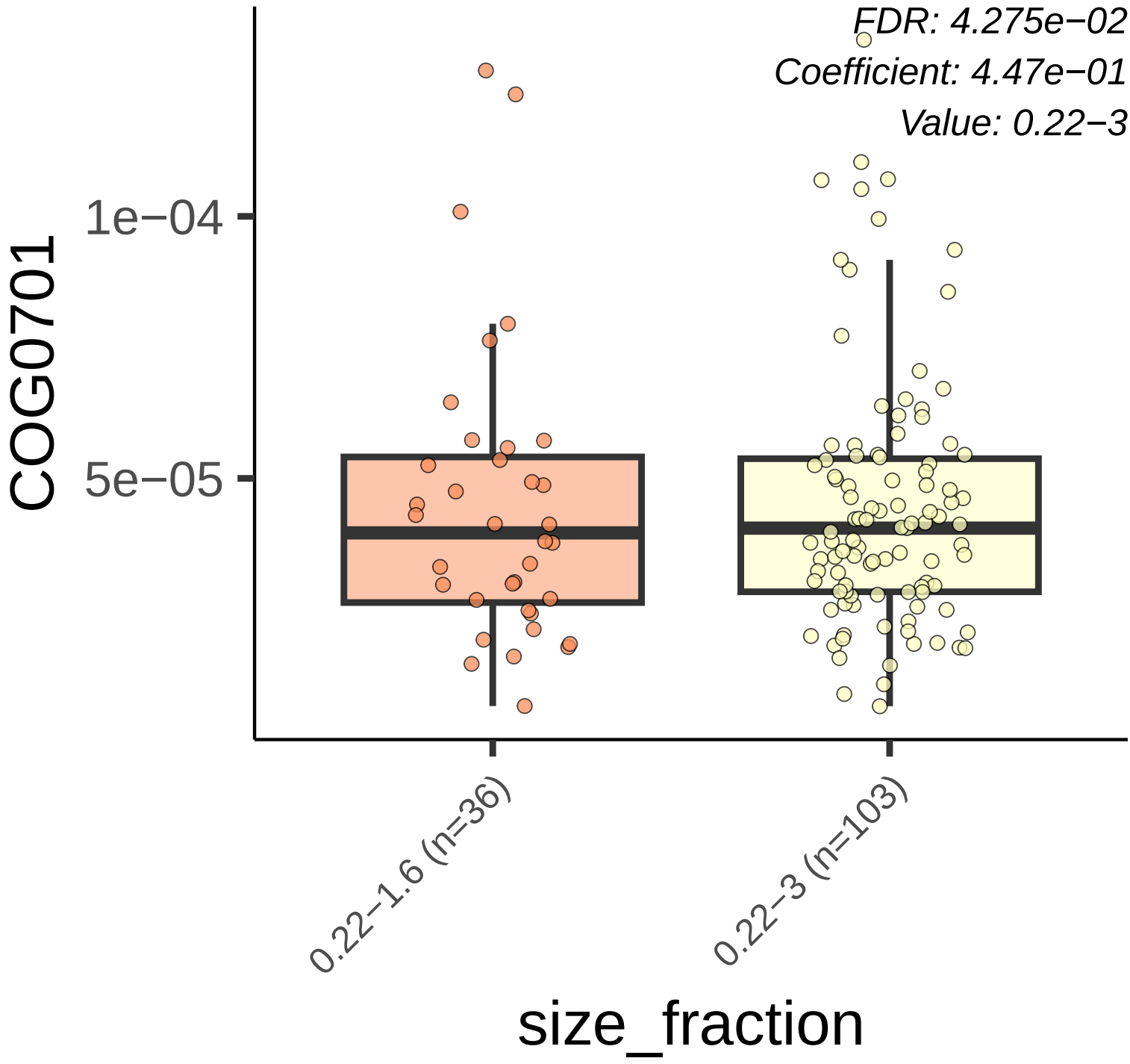

FDR: 4.200e−02
Coefficient: 1.07e−01
Value: 0.22−3
COG1071
8e−04
7e−04
6e−04
5e−04
4e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

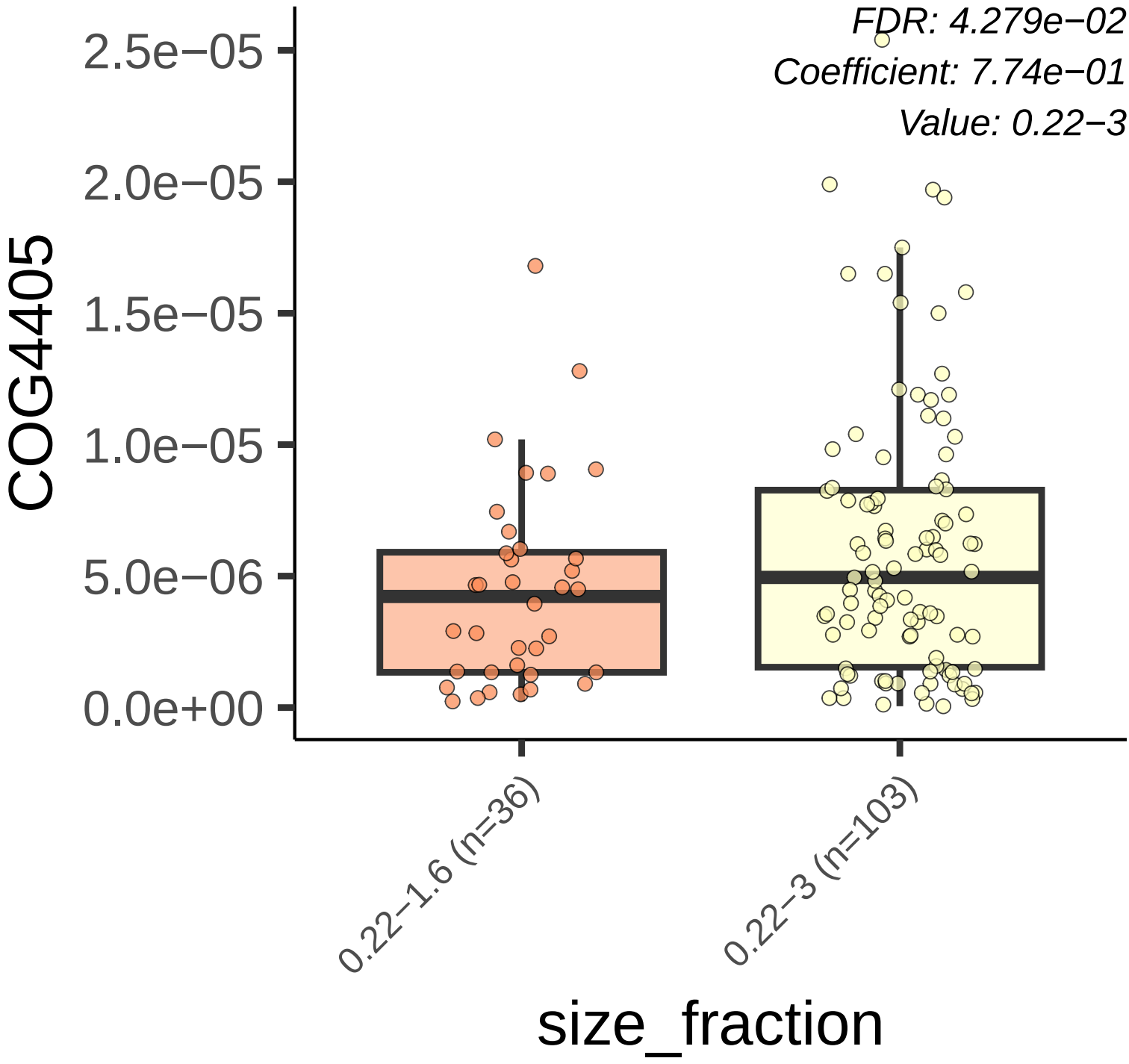

FDR: 4.219e−02
Coefficient: 1.46e−01
Value: 0.22−3
1e−03
8e−04
6e−04
4e−04
2e−04
COG2609
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

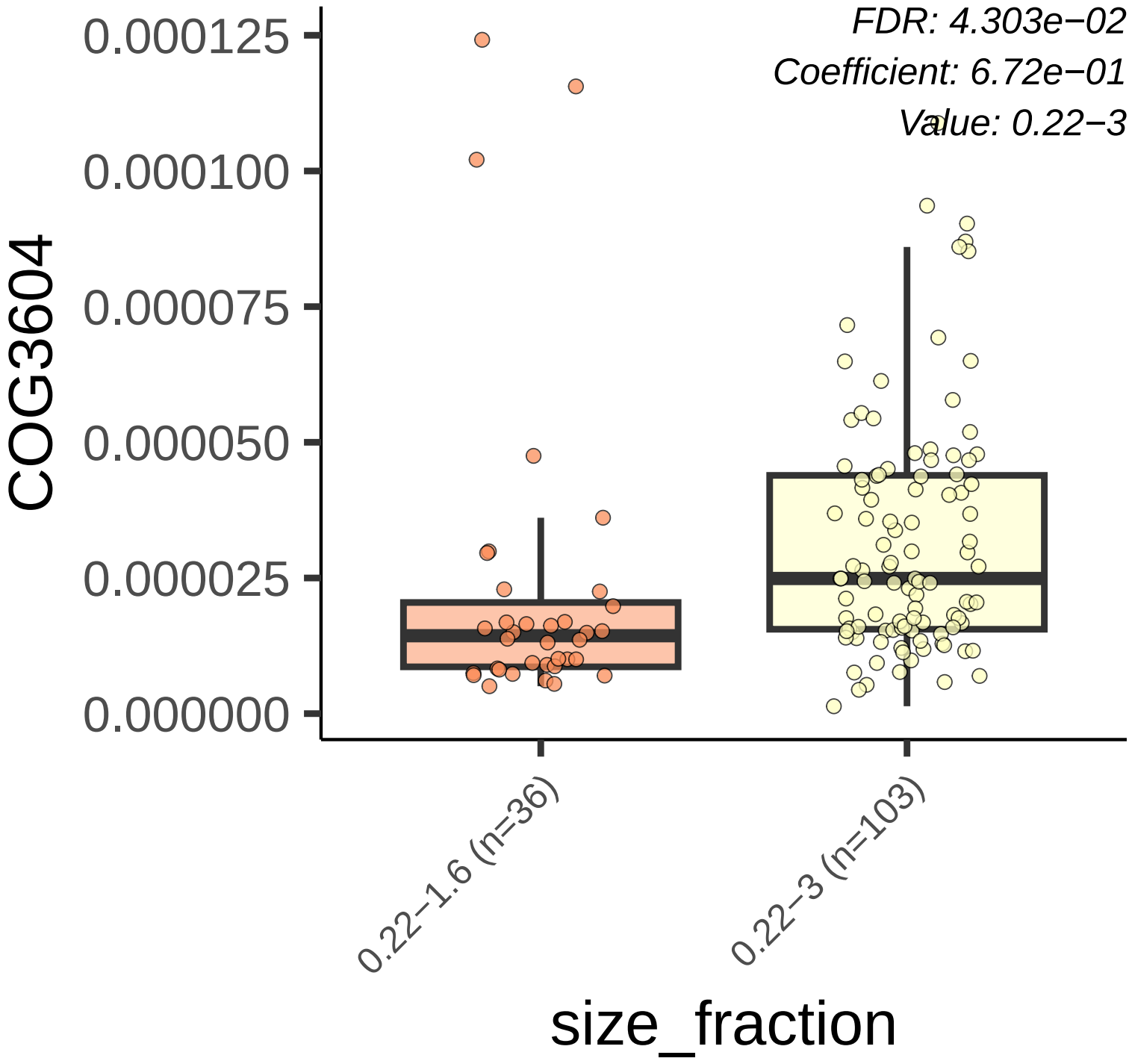

FDR: 4.234e−02
Coefficient: 5.31e−01
Value: 0.22−3
1.0e−04
7.5e−05
5.0e−05
2.5e−05
0.0e+00
COG3341
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

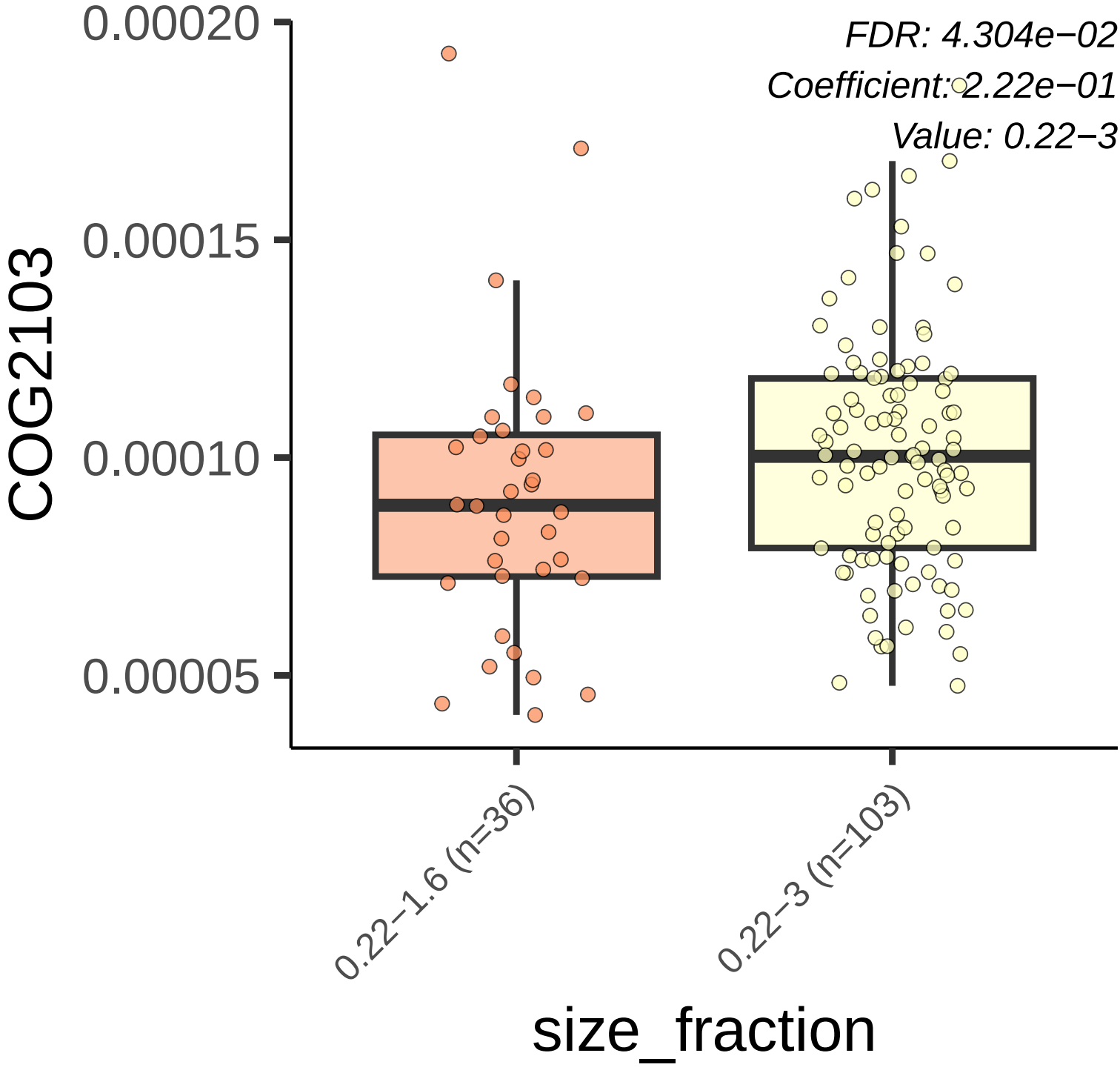

FDR: 4.245e−02
Coefficient: 3.79e−01
Value: 0.22−3
COG2987
3e−04
2e−04
1e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

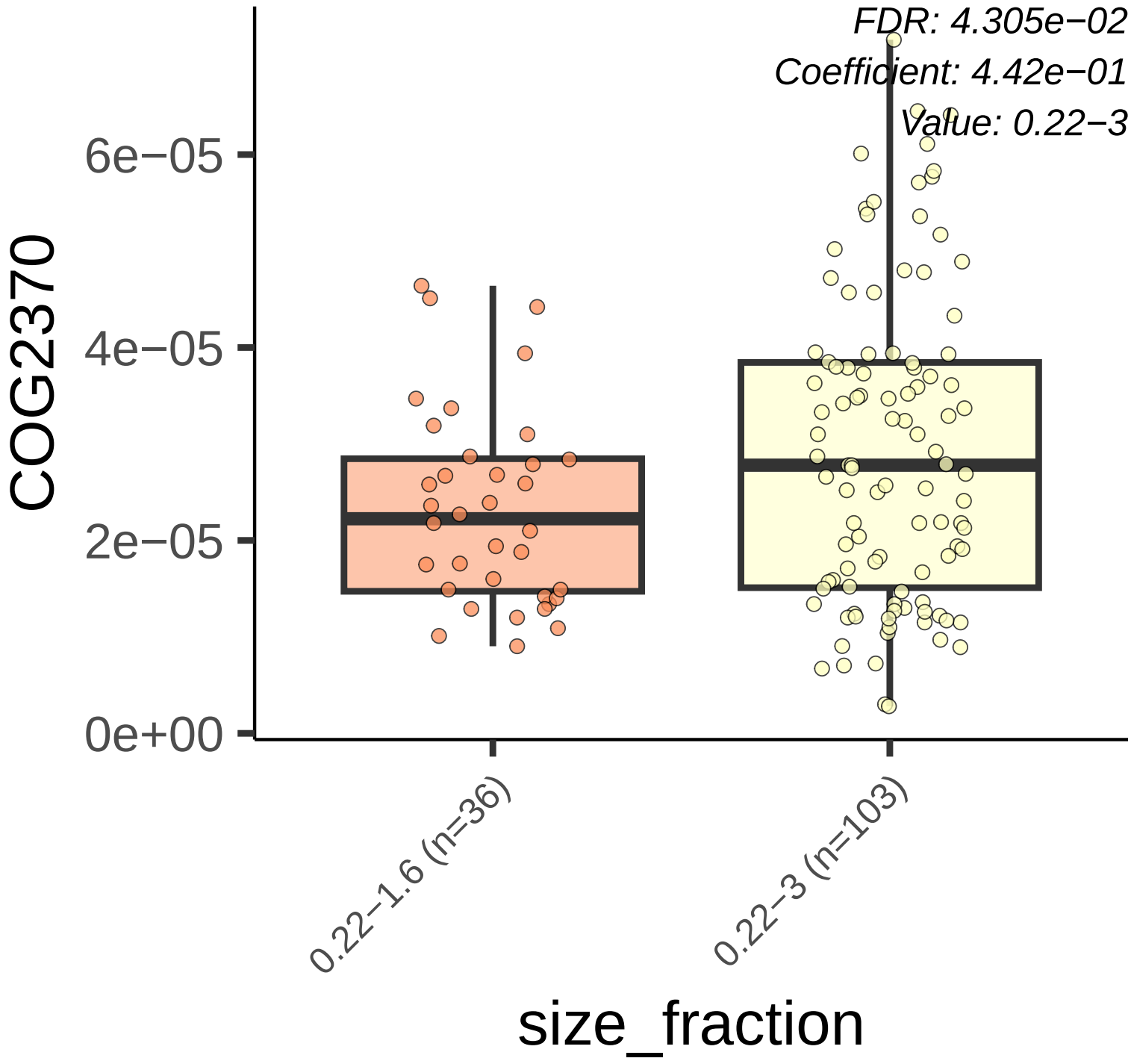

FDR: 4.256e−02
Coefficient: 2.59e+00
Value: 0.22−3
COG3207
1.5e−06
1.0e−06
5.0e−07
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

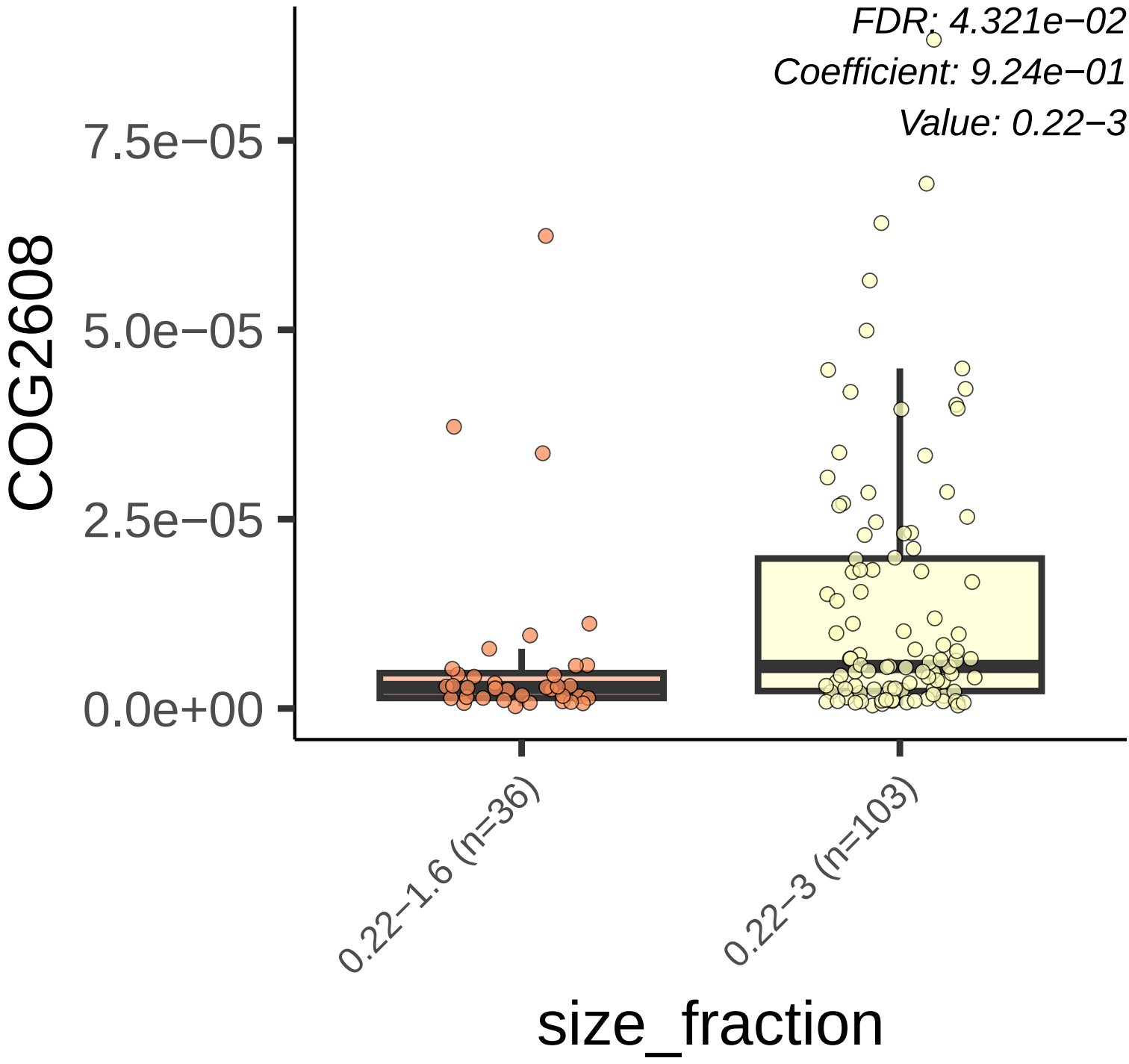

FDR: 4.275e−02
Coefficient: 4.47e−01
Value: 0.22−3
COG0701
1e−04
5e−05
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

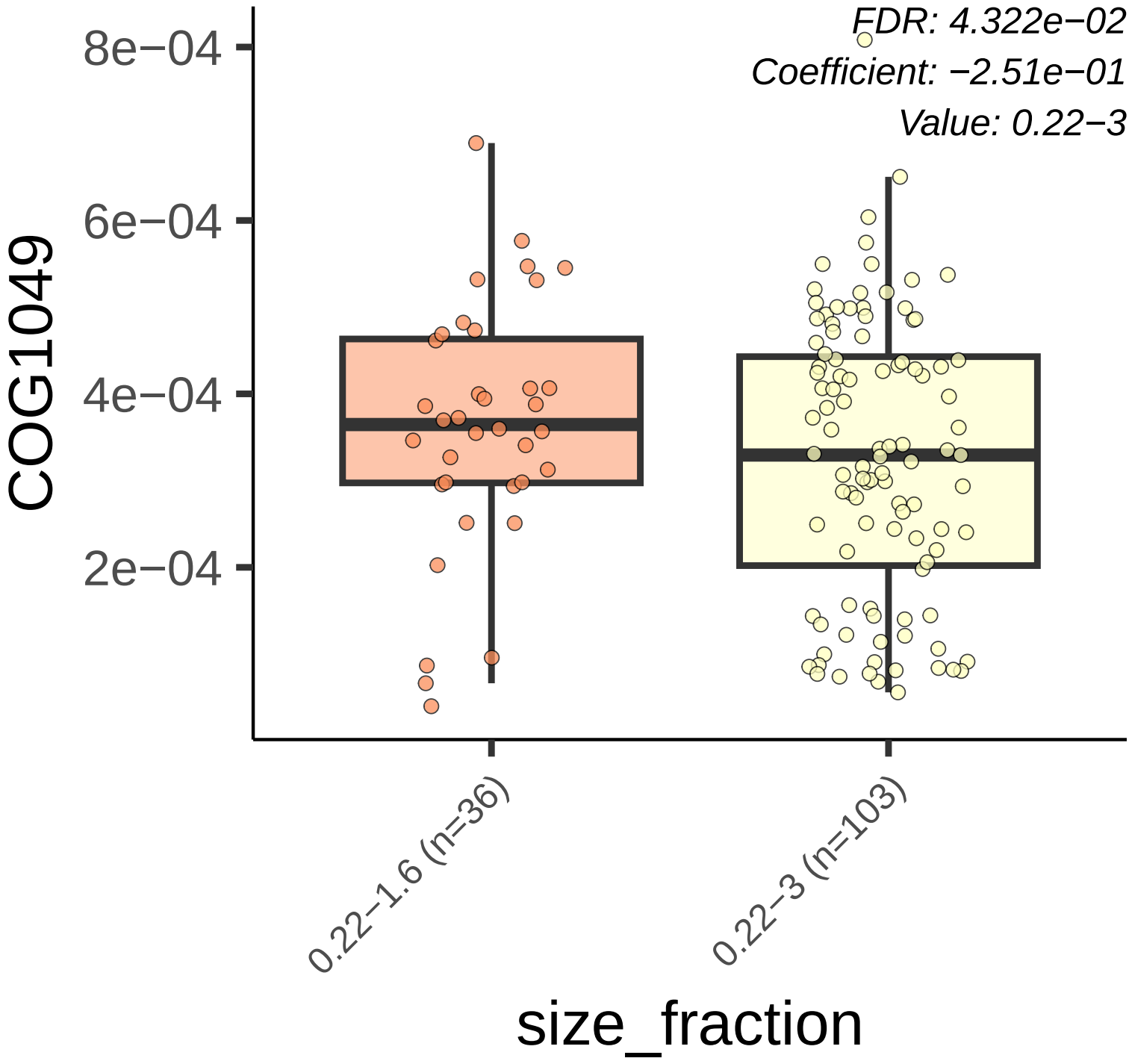

FDR: 4.279e−02
Coefficient: 7.74e−01
Value: 0.22−3
COG4405
2.5e−05
2.0e−05
1.5e−05
1.0e−05
5.0e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

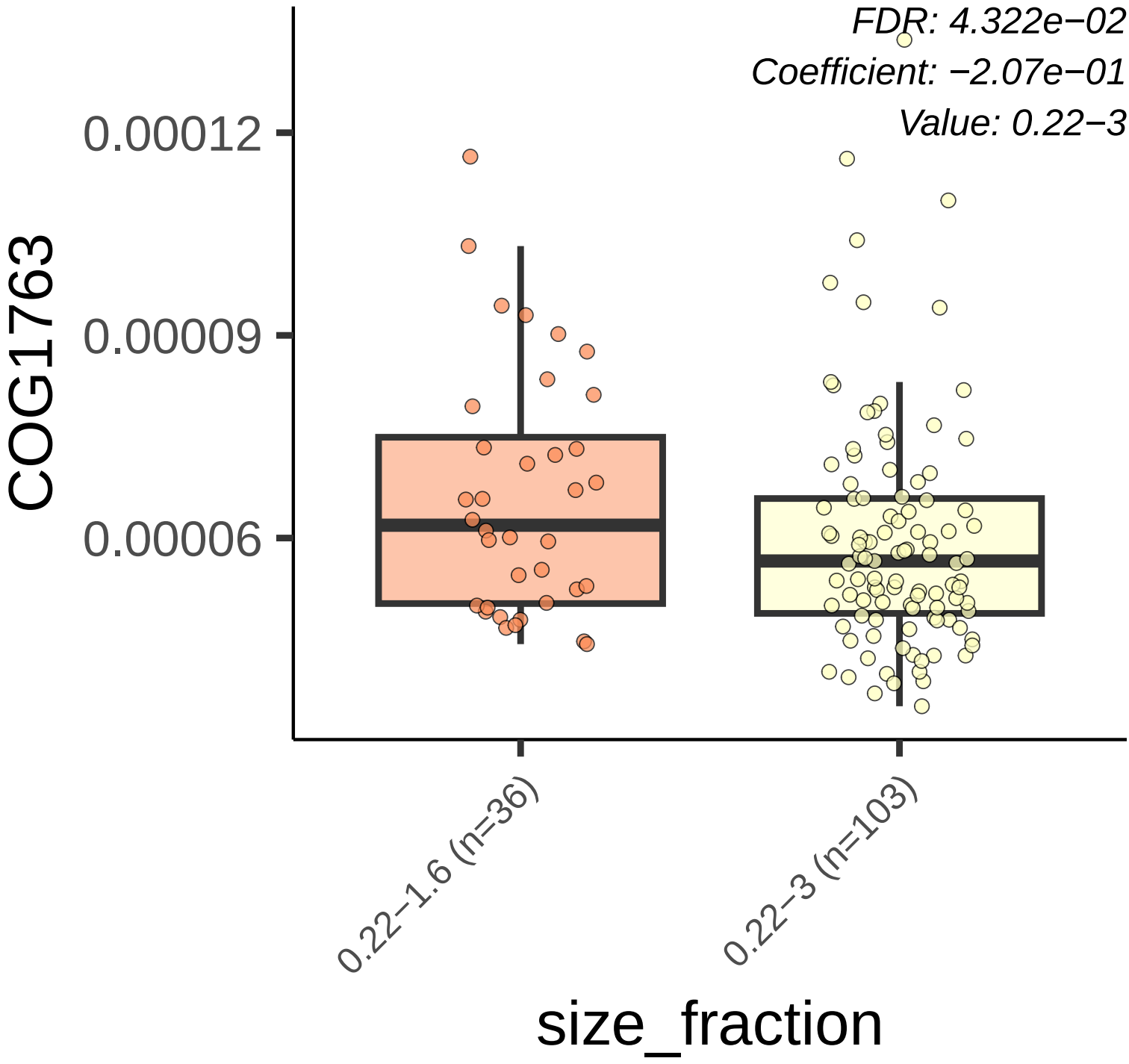

FDR: 4.303e−02
Coefficient: 6.72e−01
Value: 0.22−3
0.000125
0.000100
0.000075
0.000050
0.000025
0.000000
COG3604
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

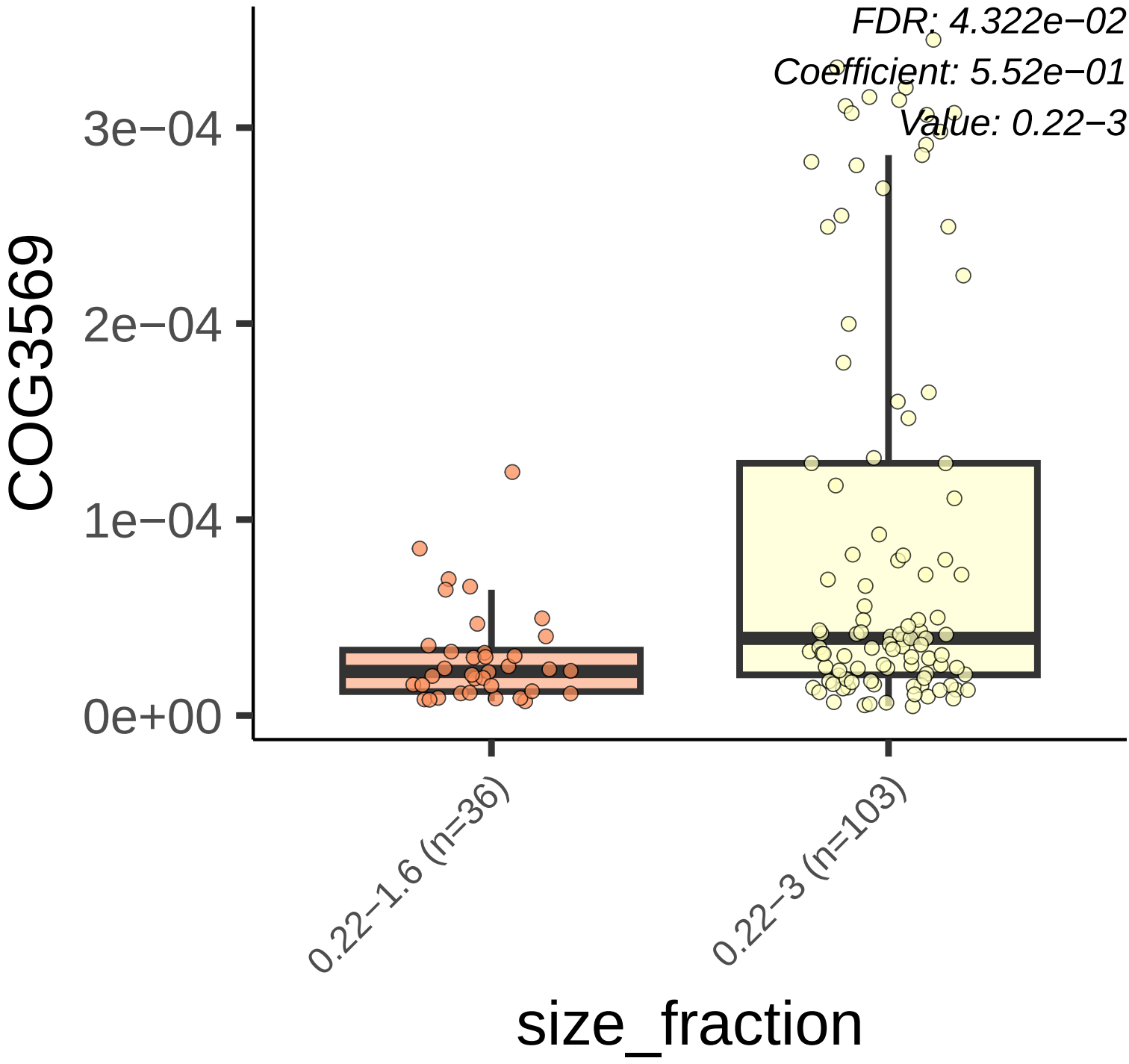

FDR: 4.304e−02
Coefficient: 2.22e−01
Value: 0.22−3
COG2103
0.00020
0.00015
0.00010
0.00005
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

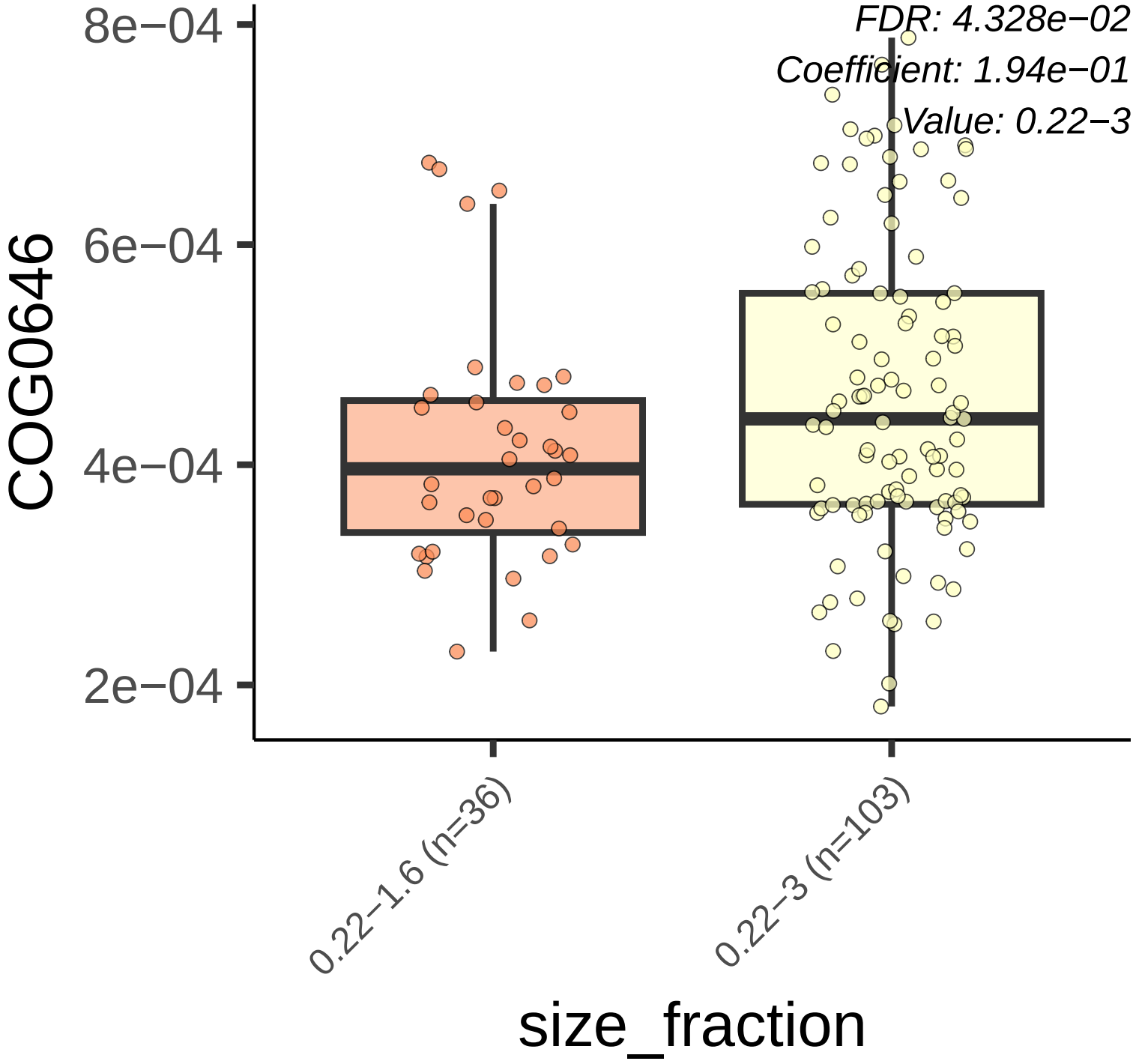

FDR: 4.305e−02
Coefficient: 4.42e−01
Value: 0.22−3
COG2370
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

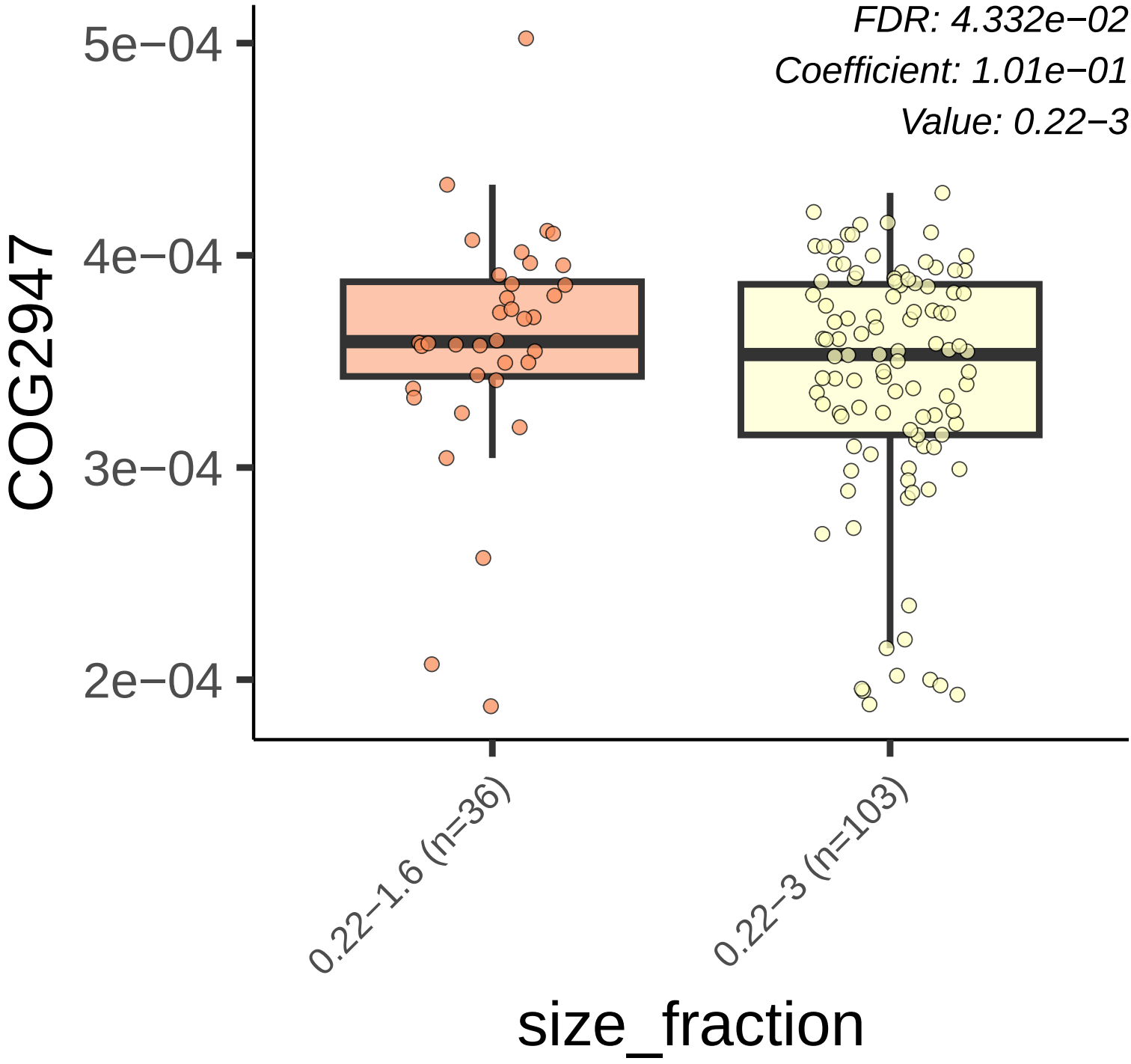

FDR: 4.321e−02
Coefficient: 9.24e−01
Value: 0.22−3
COG2608
7.5e−05
5.0e−05
2.5e−05
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

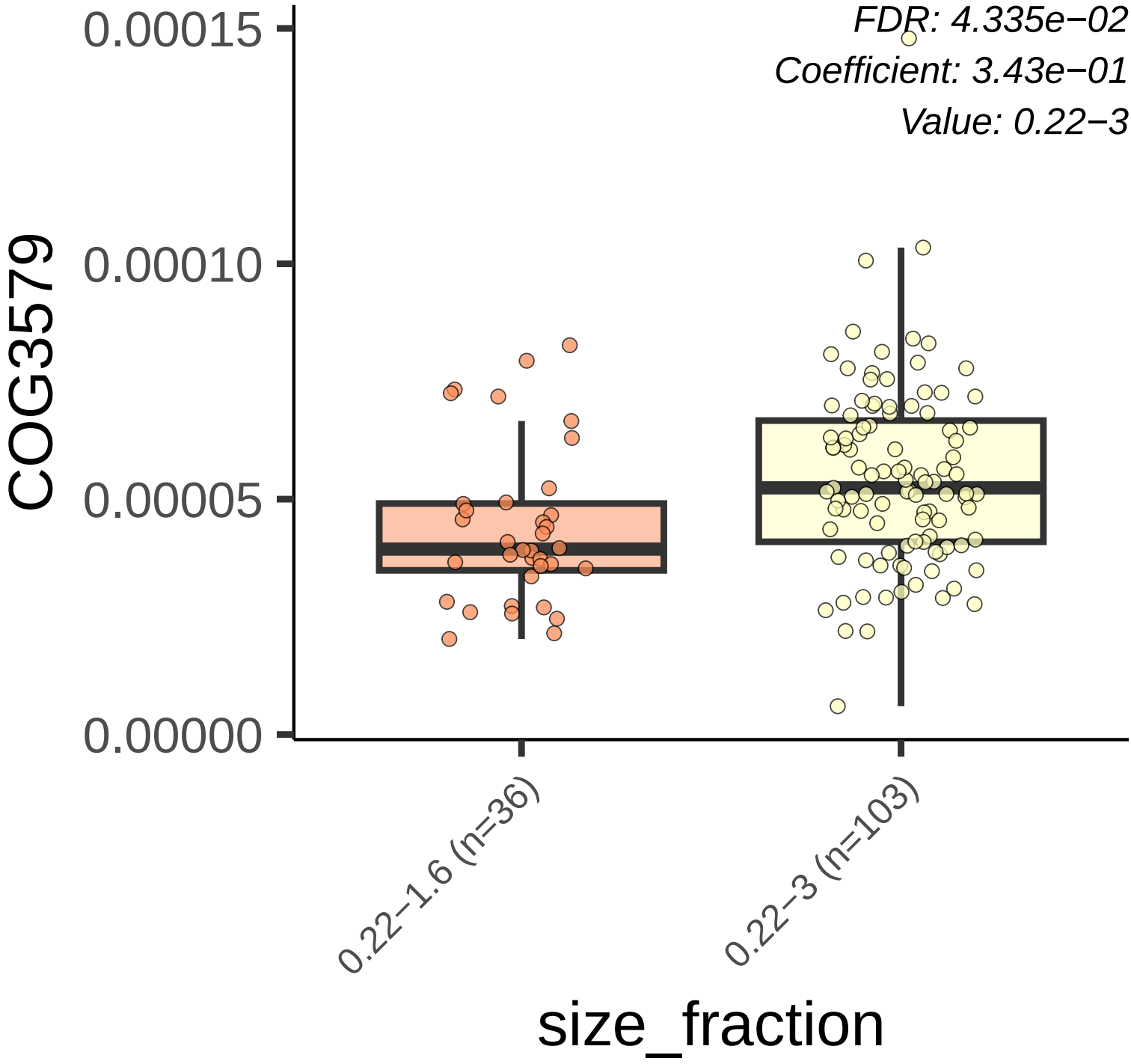

FDR: 4.322e−02
Coefficient: −2.51e−01
Value: 0.22−3
8e−04
6e−04
4e−04
2e−04
COG1049
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

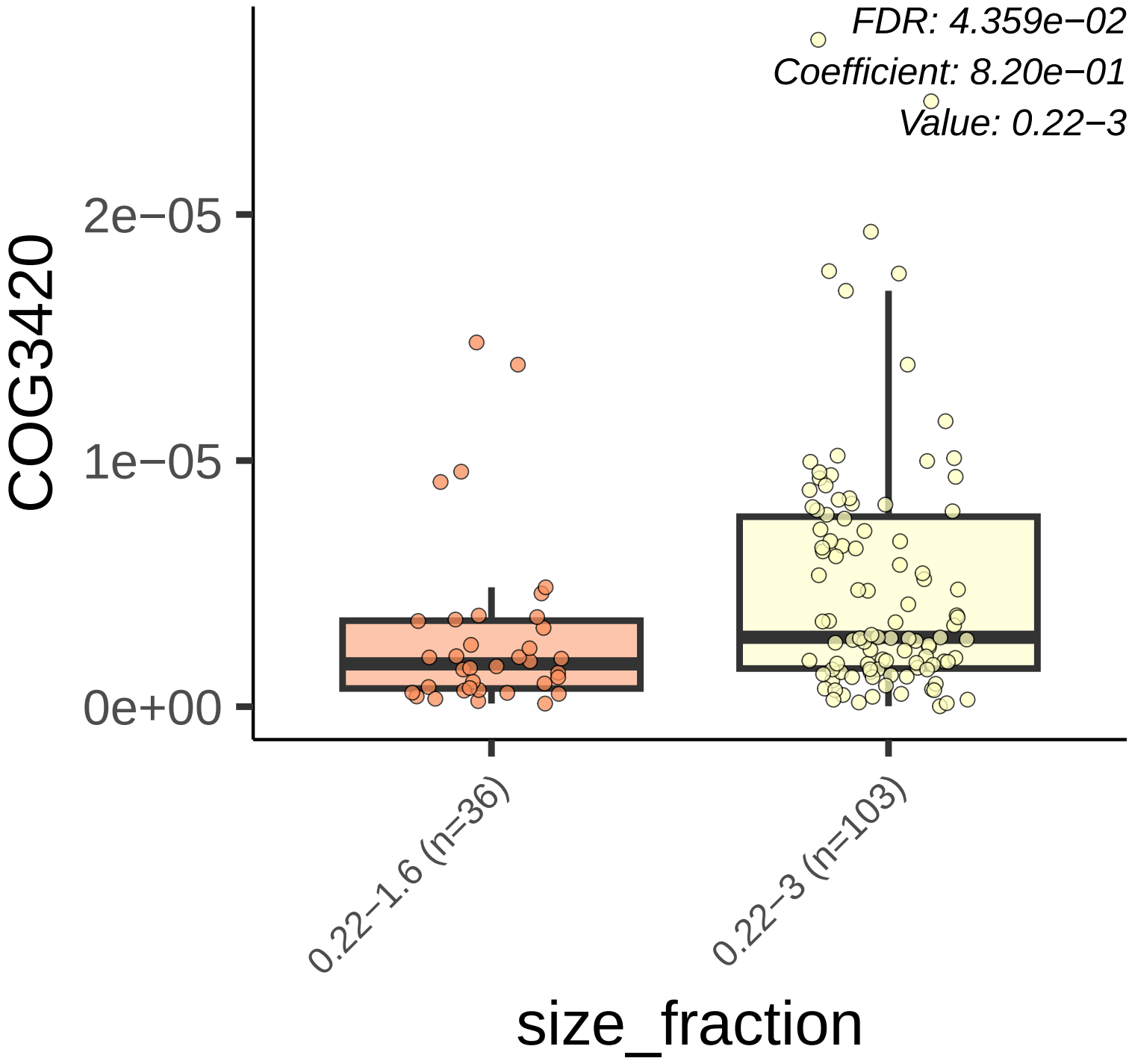

FDR: 4.322e−02
Coefficient: −2.07e−01
Value: 0.22−3
COG1763
0.00012
0.00009
0.00006
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

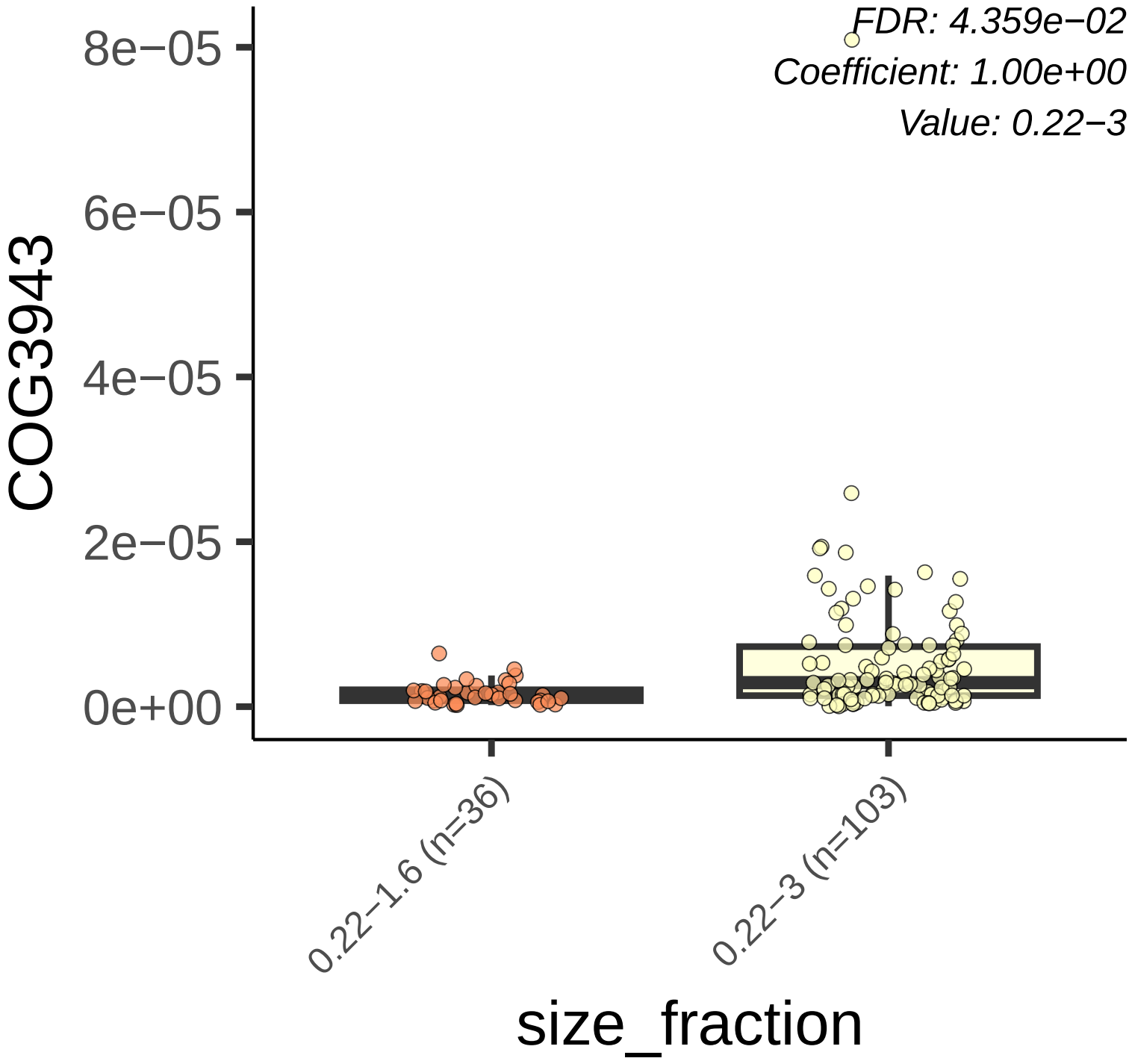

FDR: 4.322e−02
Coefficient: 5.52e−01
Value: 0.22−3
COG3569
3e−04
2e−04
1e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

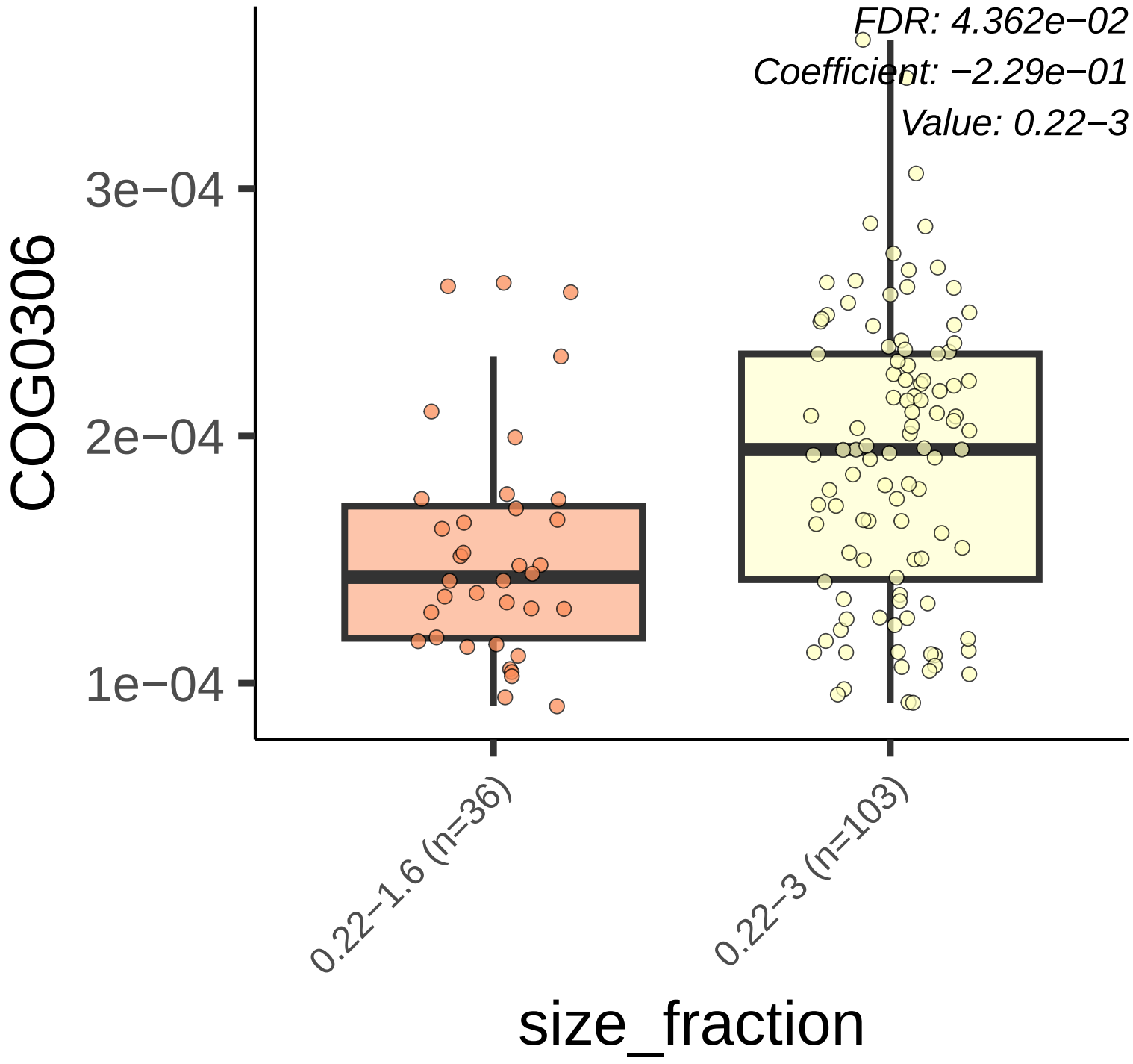

FDR: 4.328e−02
Coefficient: 1.94e−01
Value: 0.22−3
8e−04
6e−04
4e−04
2e−04
COG0646
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

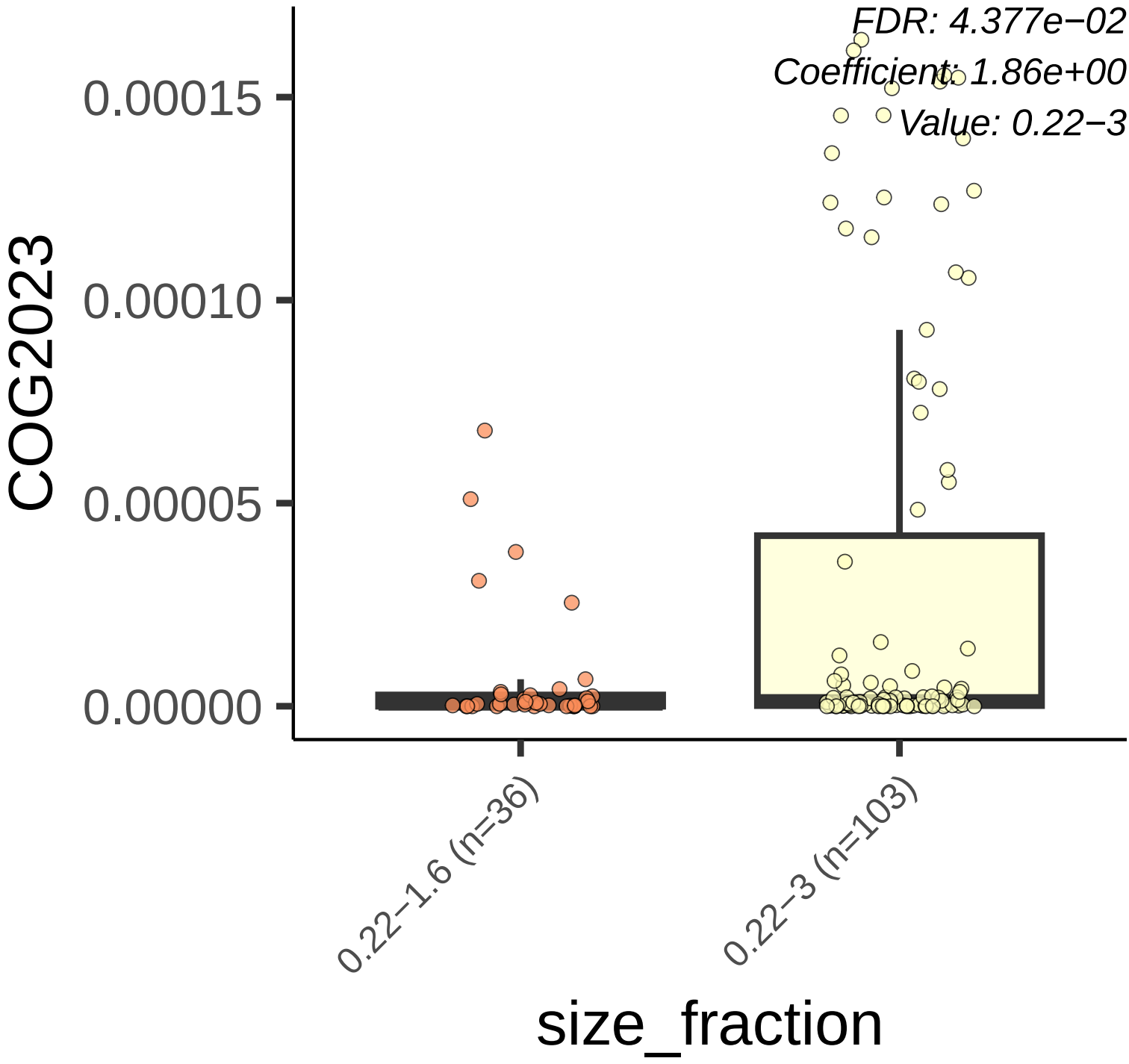

FDR: 4.332e−02
Coefficient: 1.01e−01
Value: 0.22−3
COG2947
5e−04
4e−04
3e−04
2e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

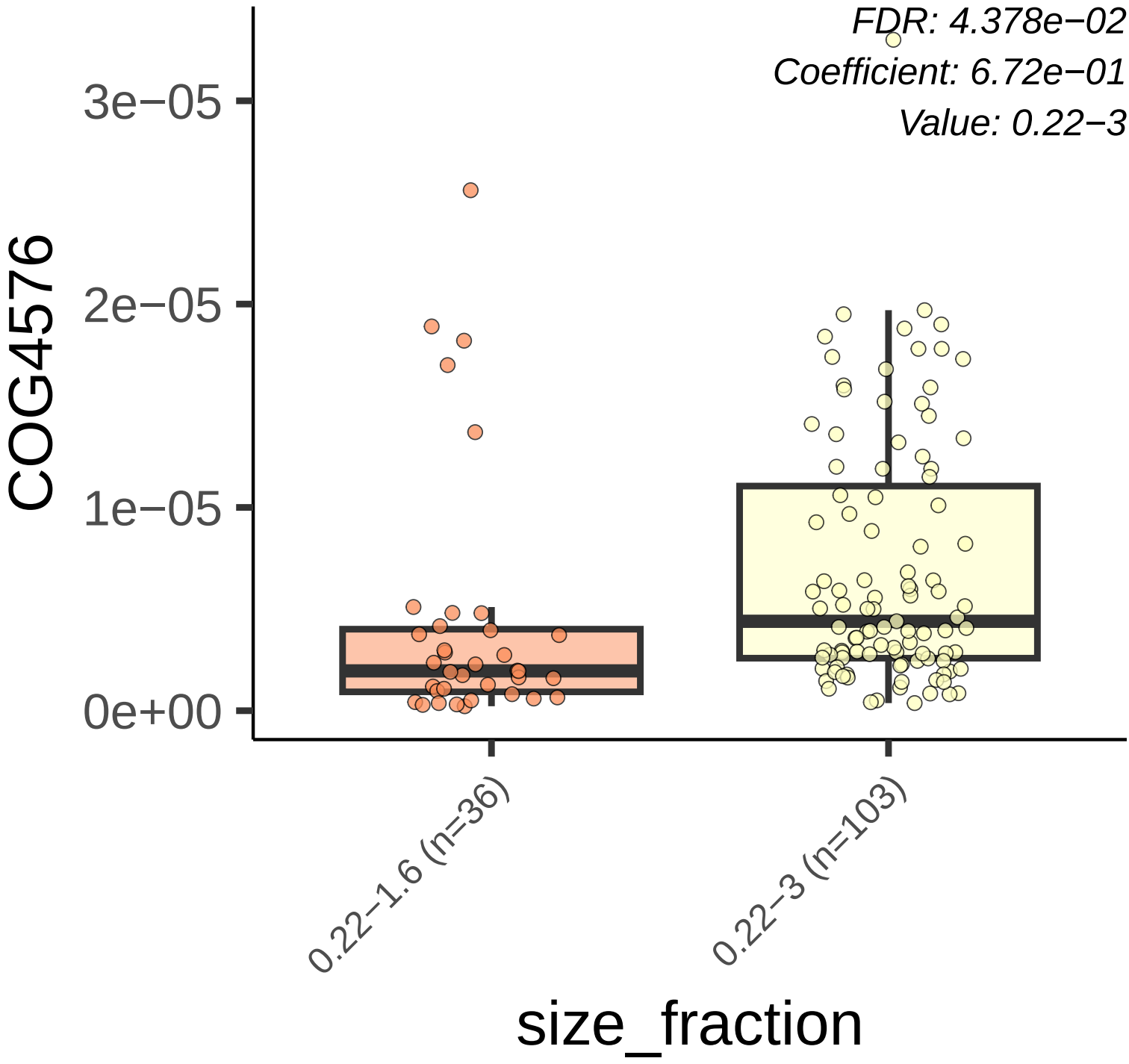

FDR: 4.335e−02
Coefficient: 3.43e−01
Value: 0.22−3
COG3579
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

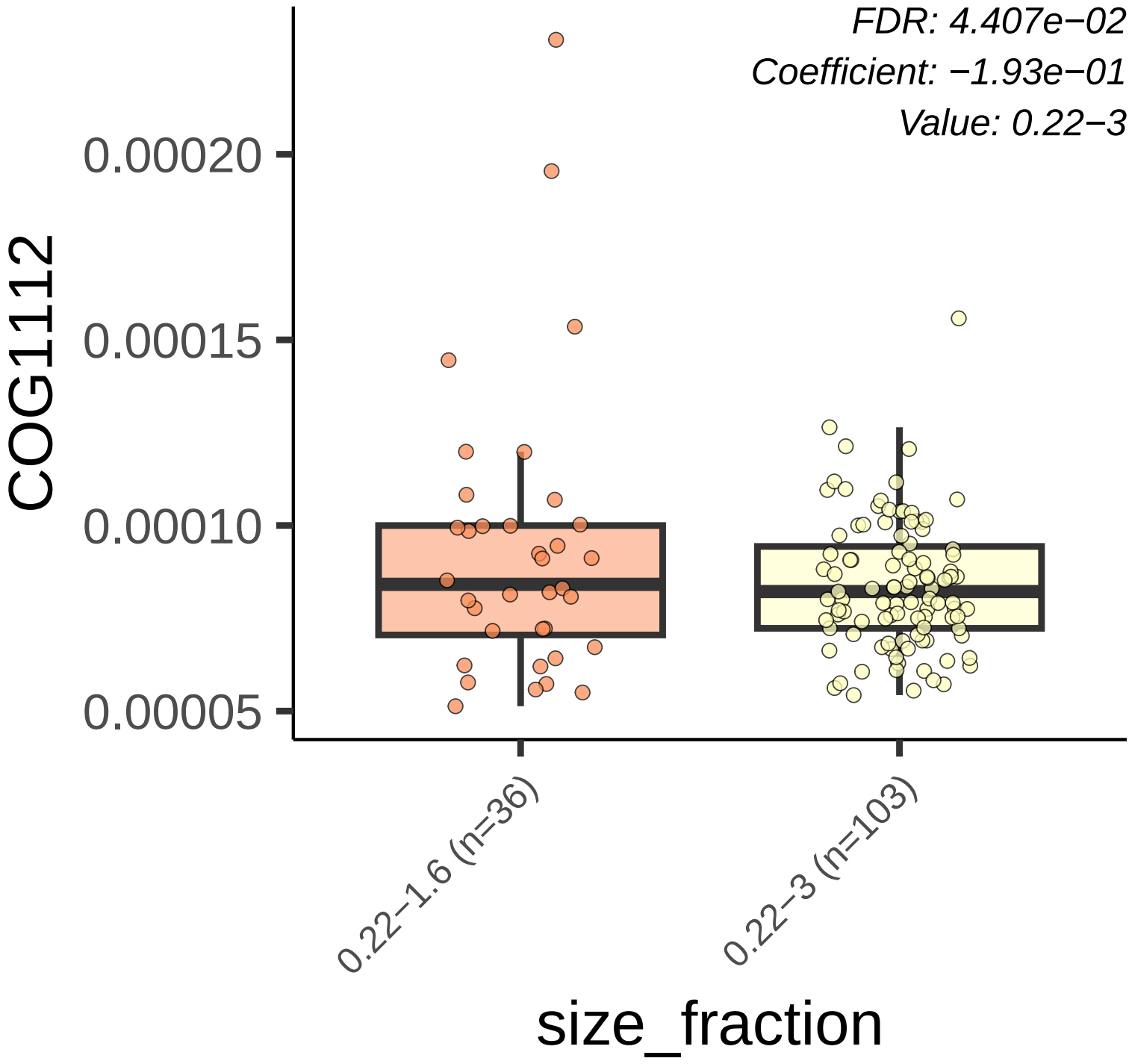

FDR: 4.359e−02
Coefficient: 8.20e−01
Value: 0.22−3
COG3420
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

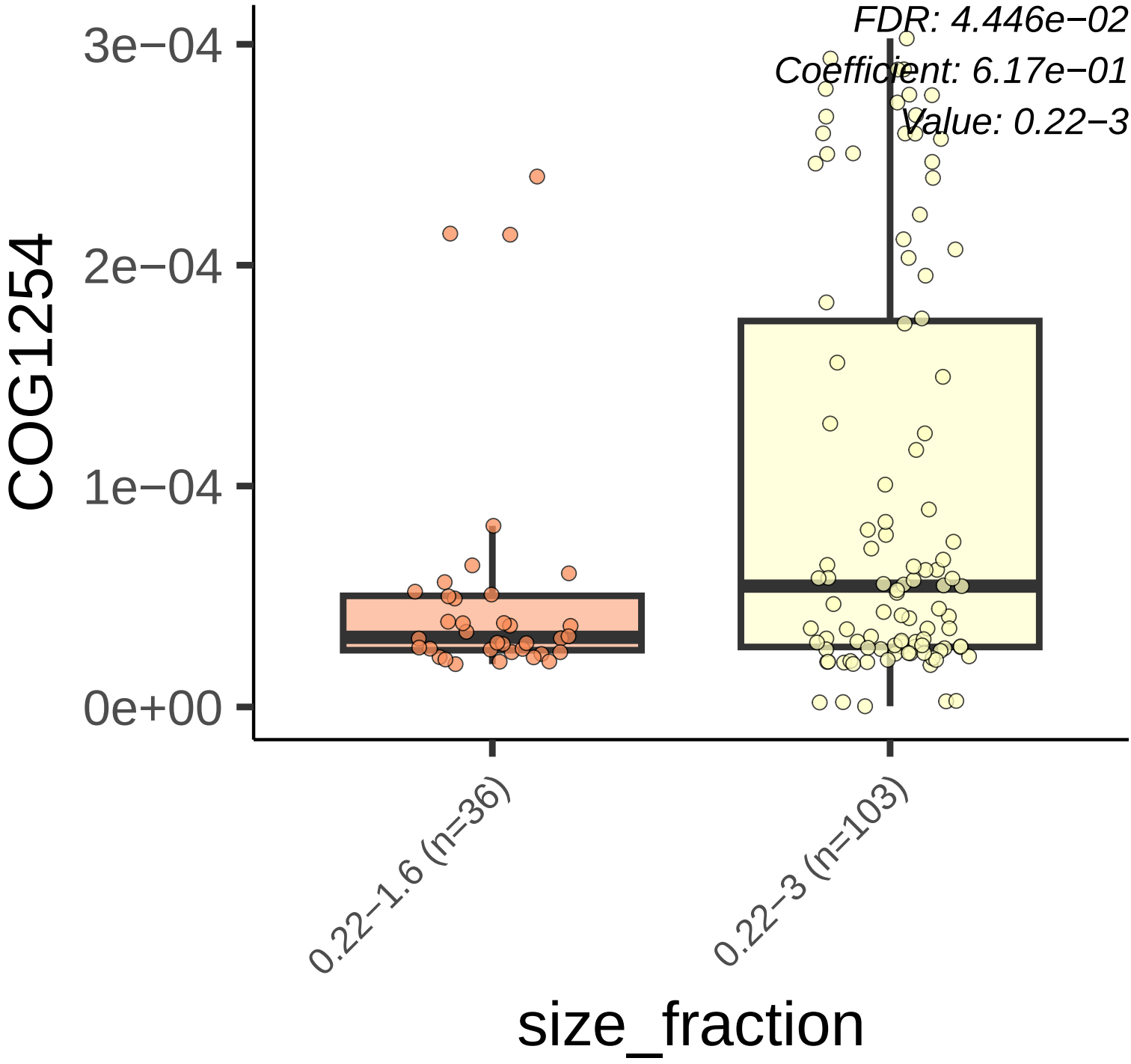

FDR: 4.359e−02
Coefficient: 1.00e+00
Value: 0.22−3
COG3943
8e−05
6e−05
4e−05
2e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

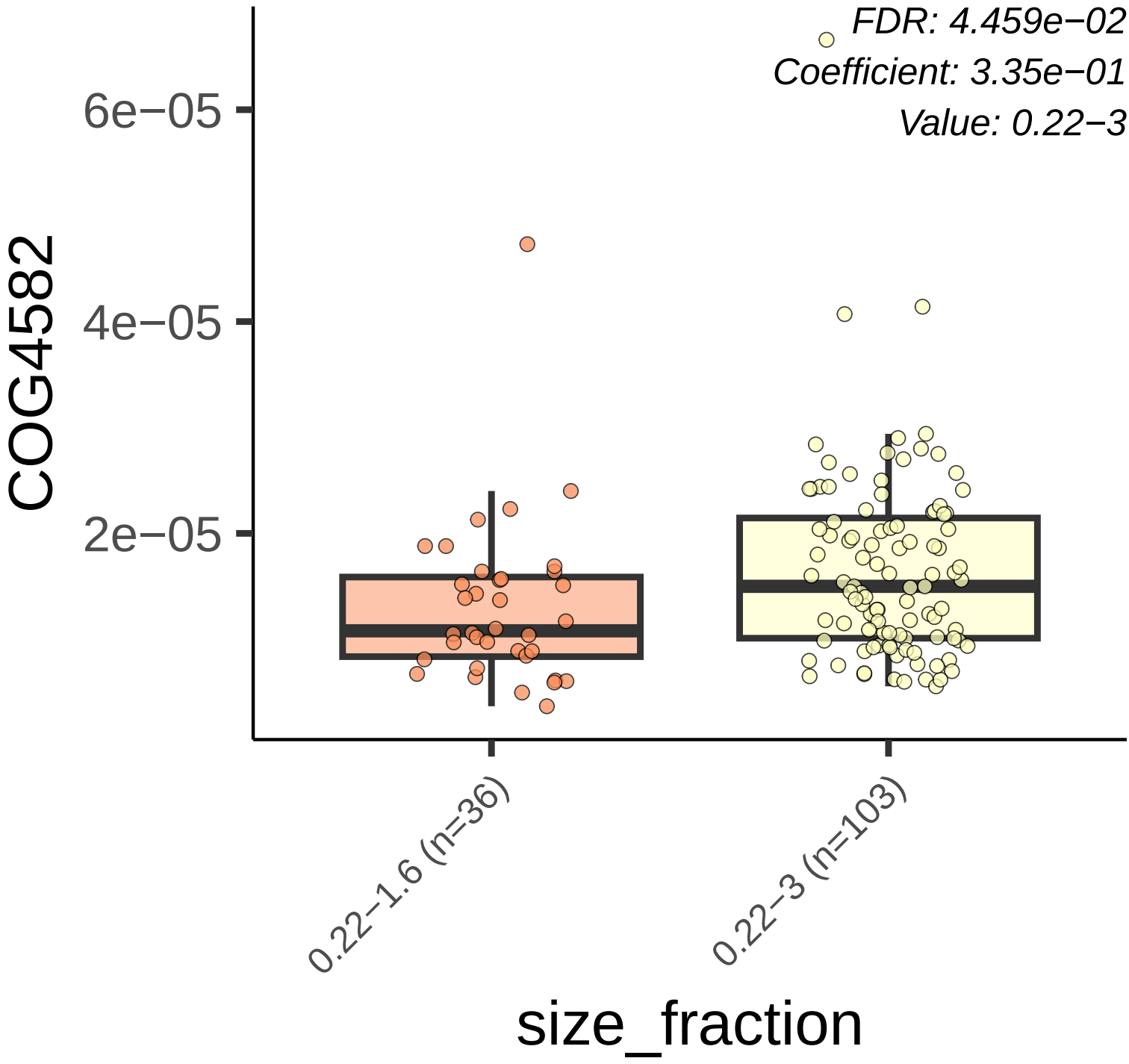

FDR: 4.362e−02
Coefficient: −2.29e−01
Value: 0.22−3
COG0306
3e−04
2e−04
1e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

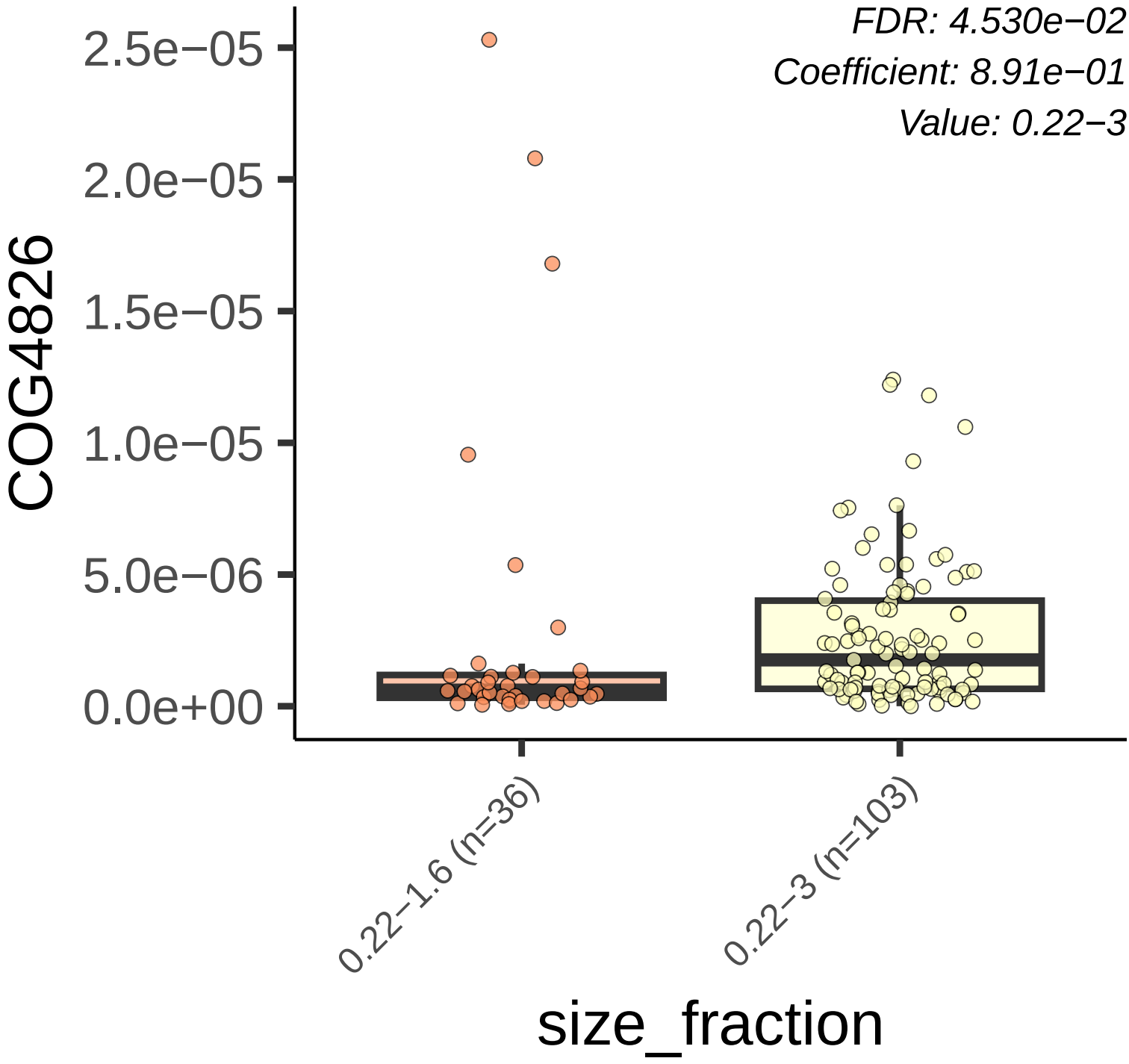

FDR: 4.377e−02
Coefficient: 1.86e+00
Value: 0.22−3
COG2023
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

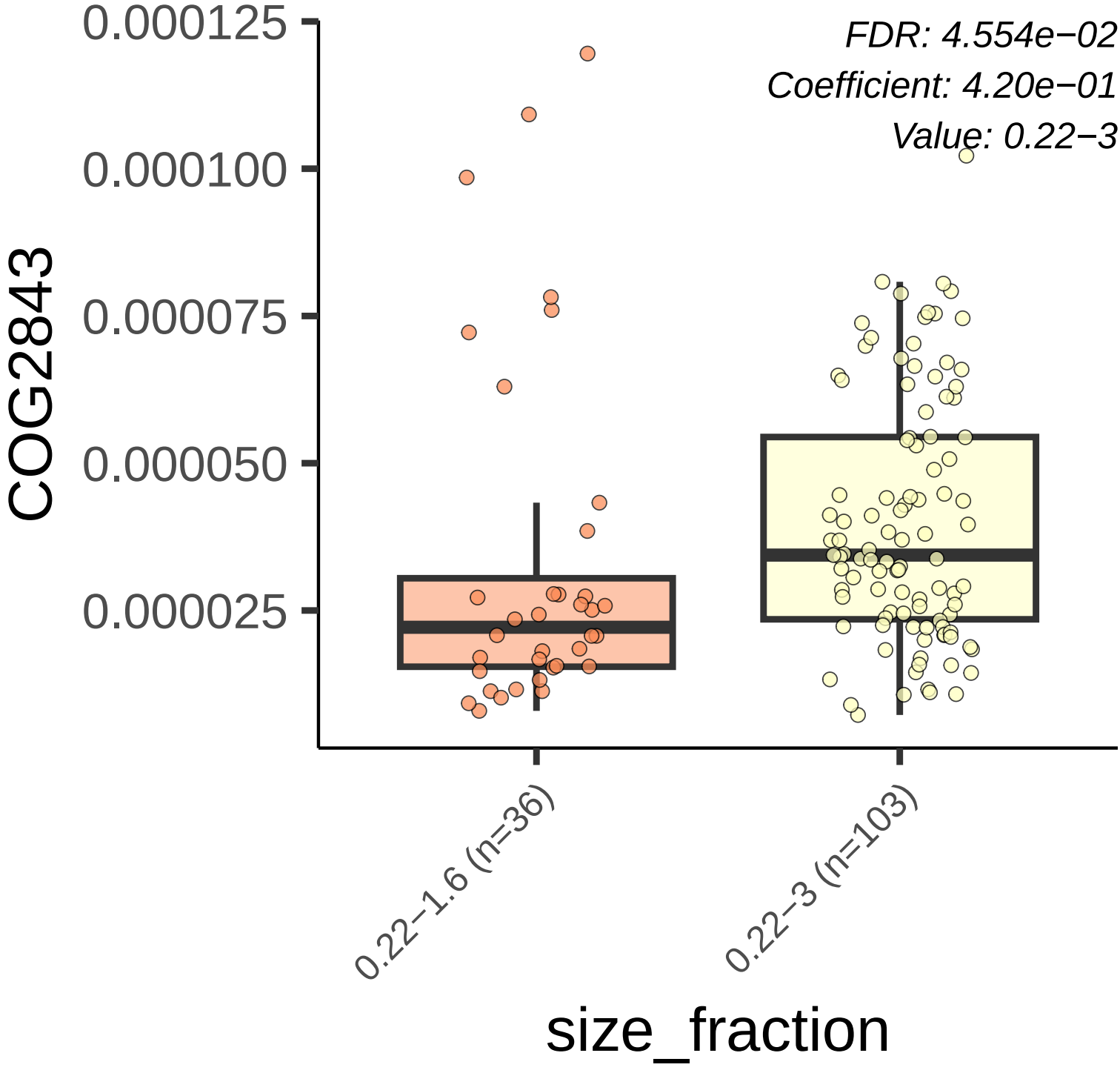

FDR: 4.378e−02
Coefficient: 6.72e−01
Value: 0.22−3
COG4576
3e−05
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

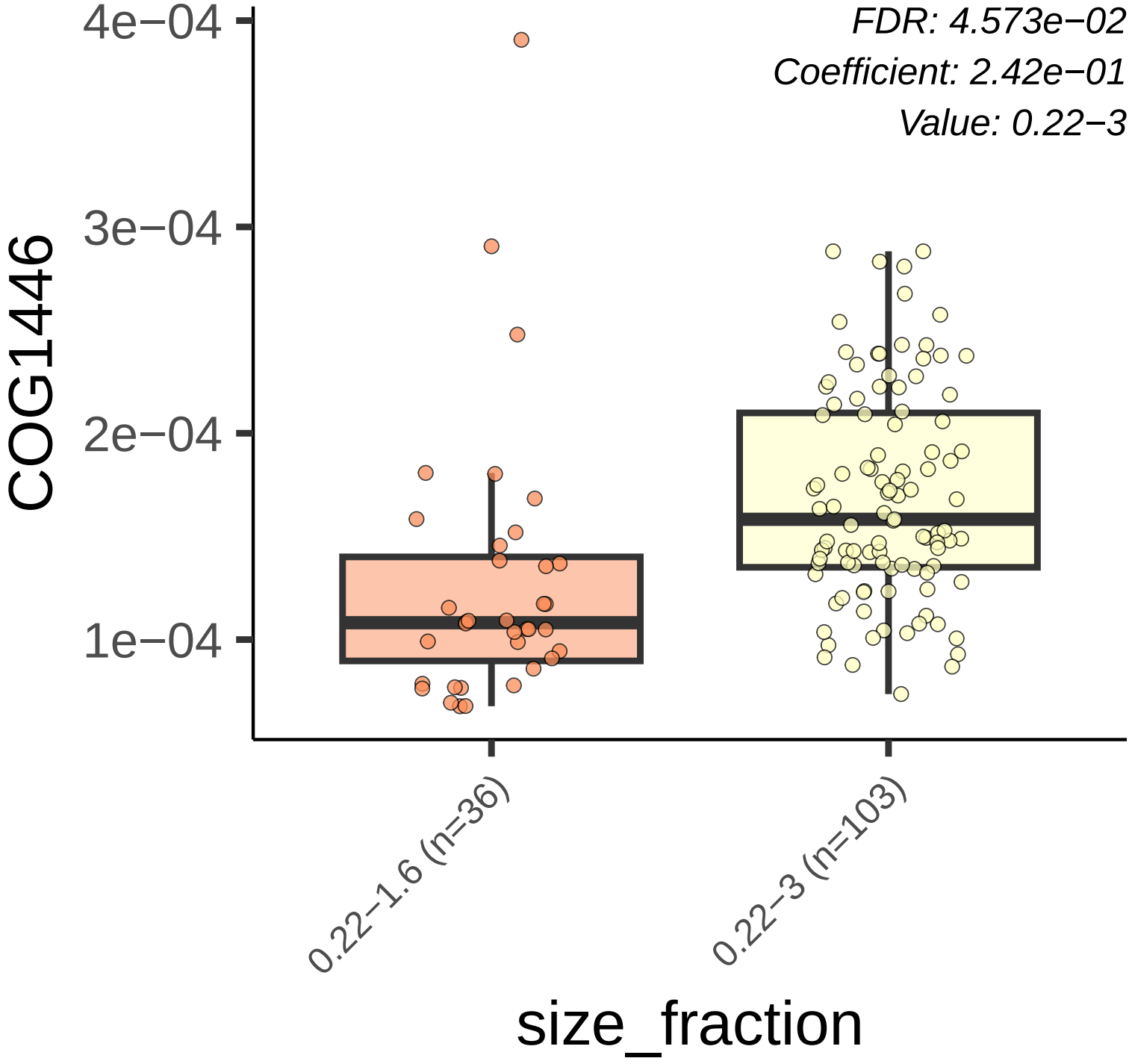

FDR: 4.407e−02
Coefficient: −1.93e−01
Value: 0.22−3
COG1112
0.00020
0.00015
0.00010
0.00005
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

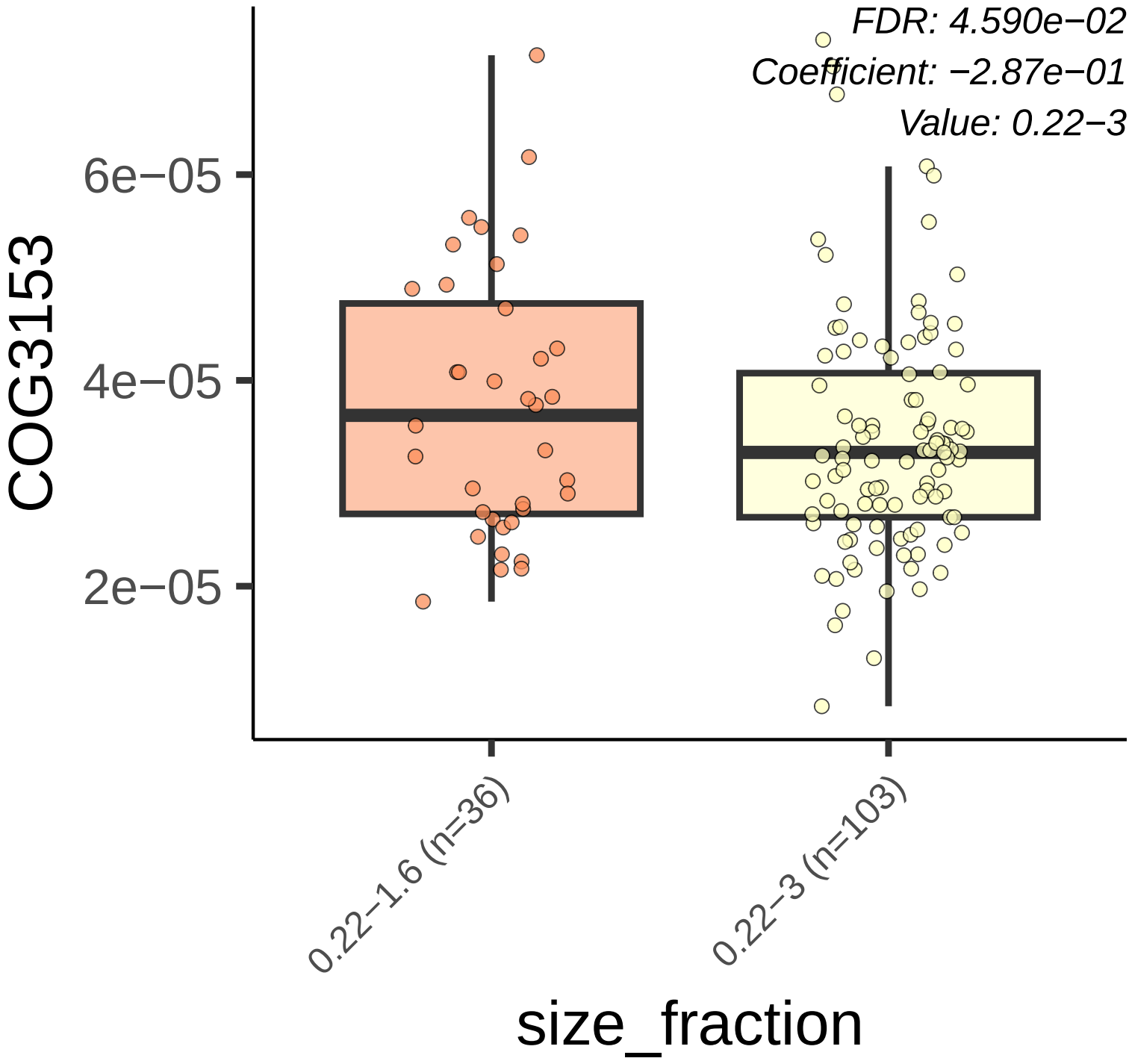

FDR: 4.446e−02
Coefficient: 6.17e−01
Value: 0.22−3
COG1254
3e−04
2e−04
1e−04
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

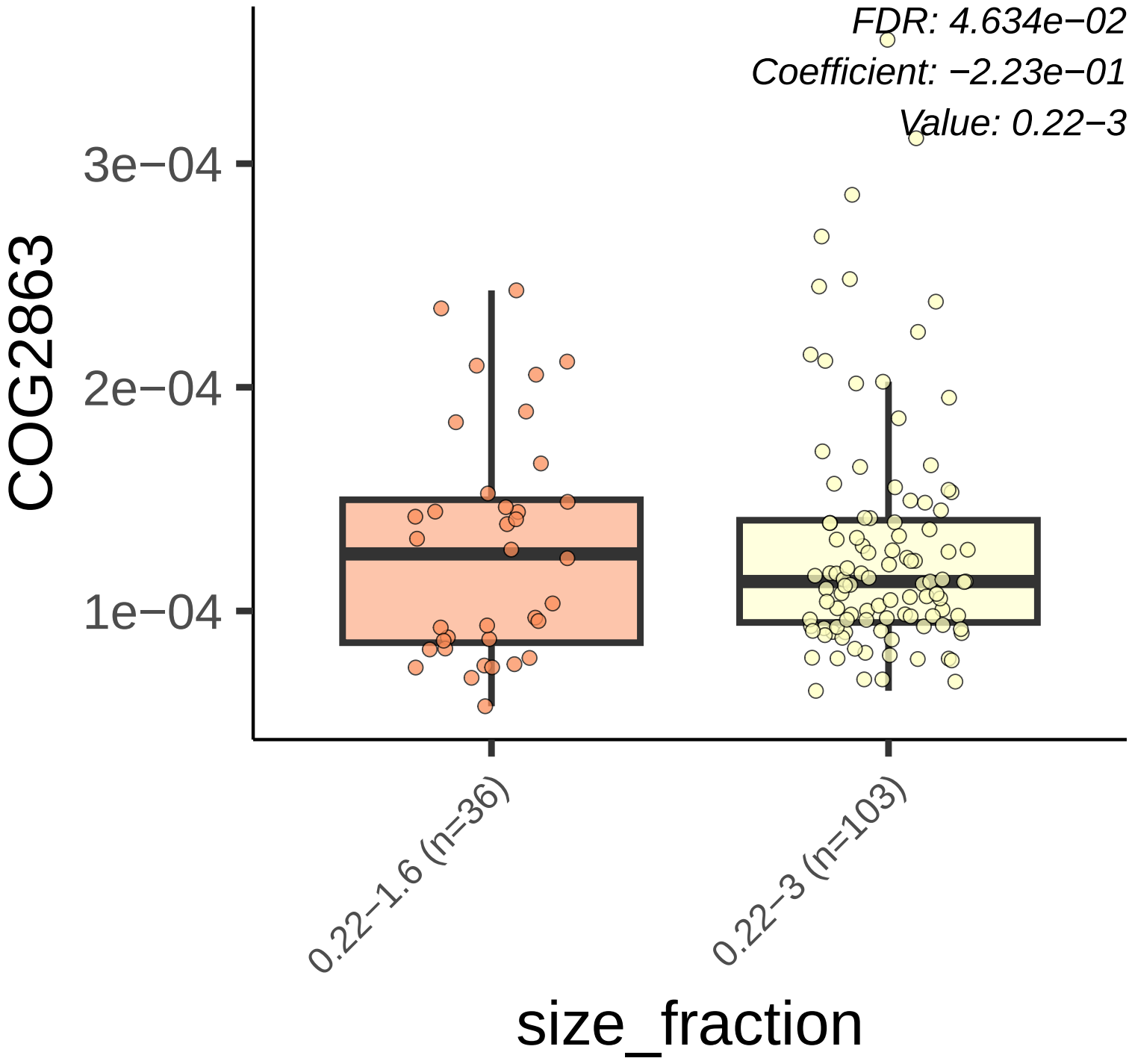

FDR: 4.459e−02
Coefficient: 3.35e−01
Value: 0.22−3
COG4582
6e−05
4e−05
2e−05
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

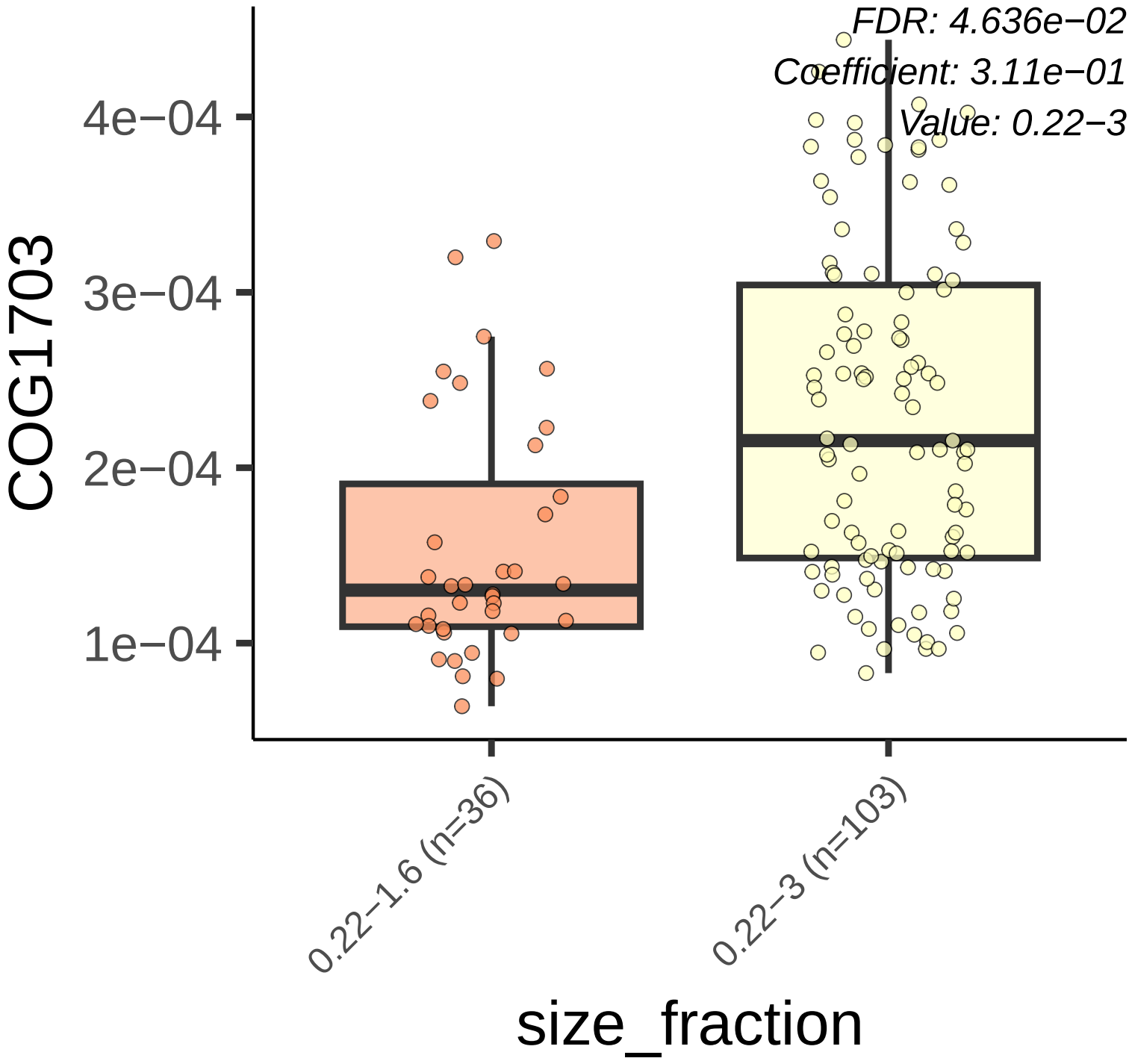

FDR: 4.530e−02
Coefficient: 8.91e−01
Value: 0.22−3
COG4826
2.5e−05
2.0e−05
1.5e−05
1.0e−05
5.0e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

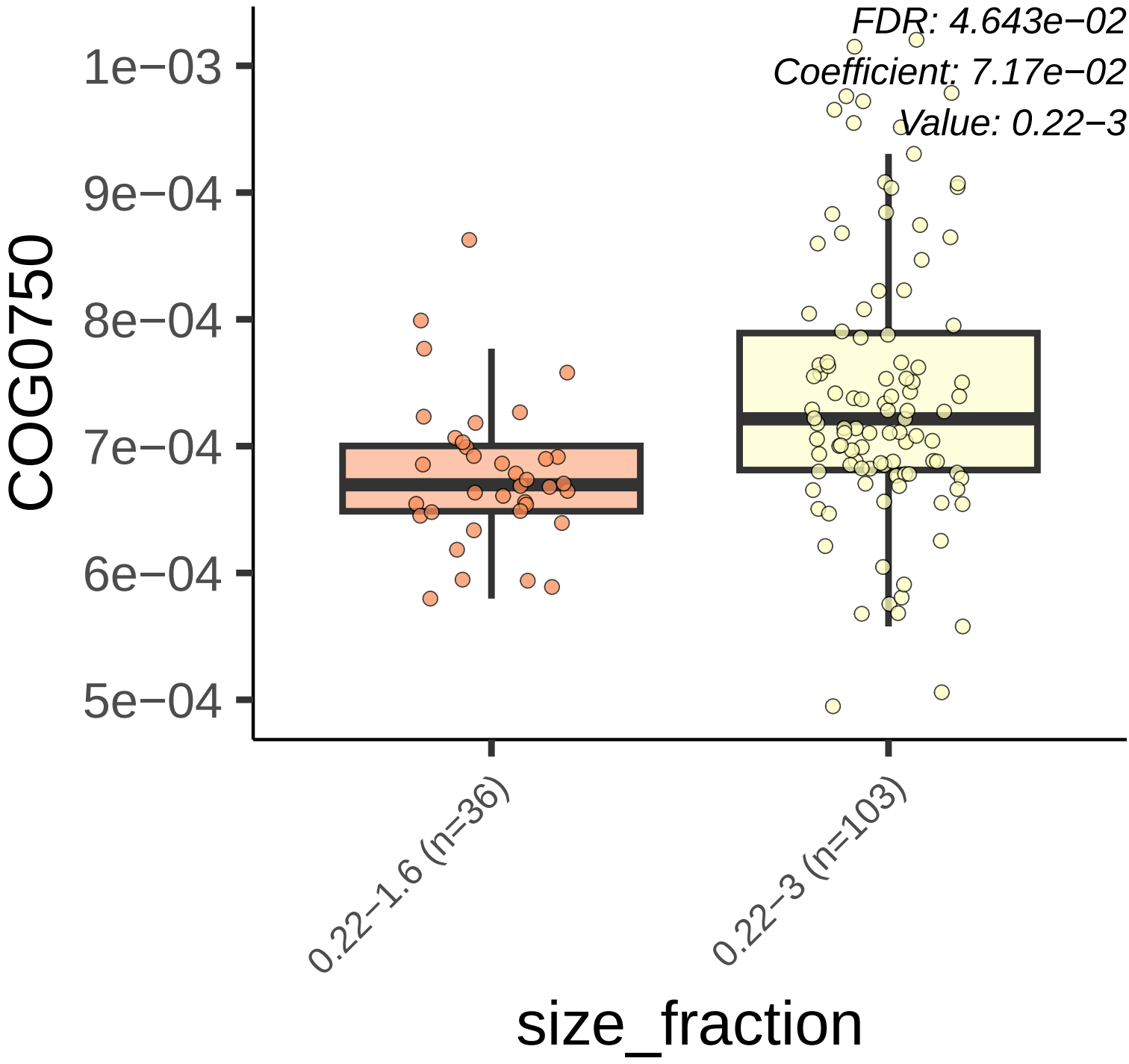

FDR: 4.554e−02
Coefficient: 4.20e−01
Value: 0.22−3
COG2843
0.000125
0.000100
0.000075
0.000050
0.000025
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

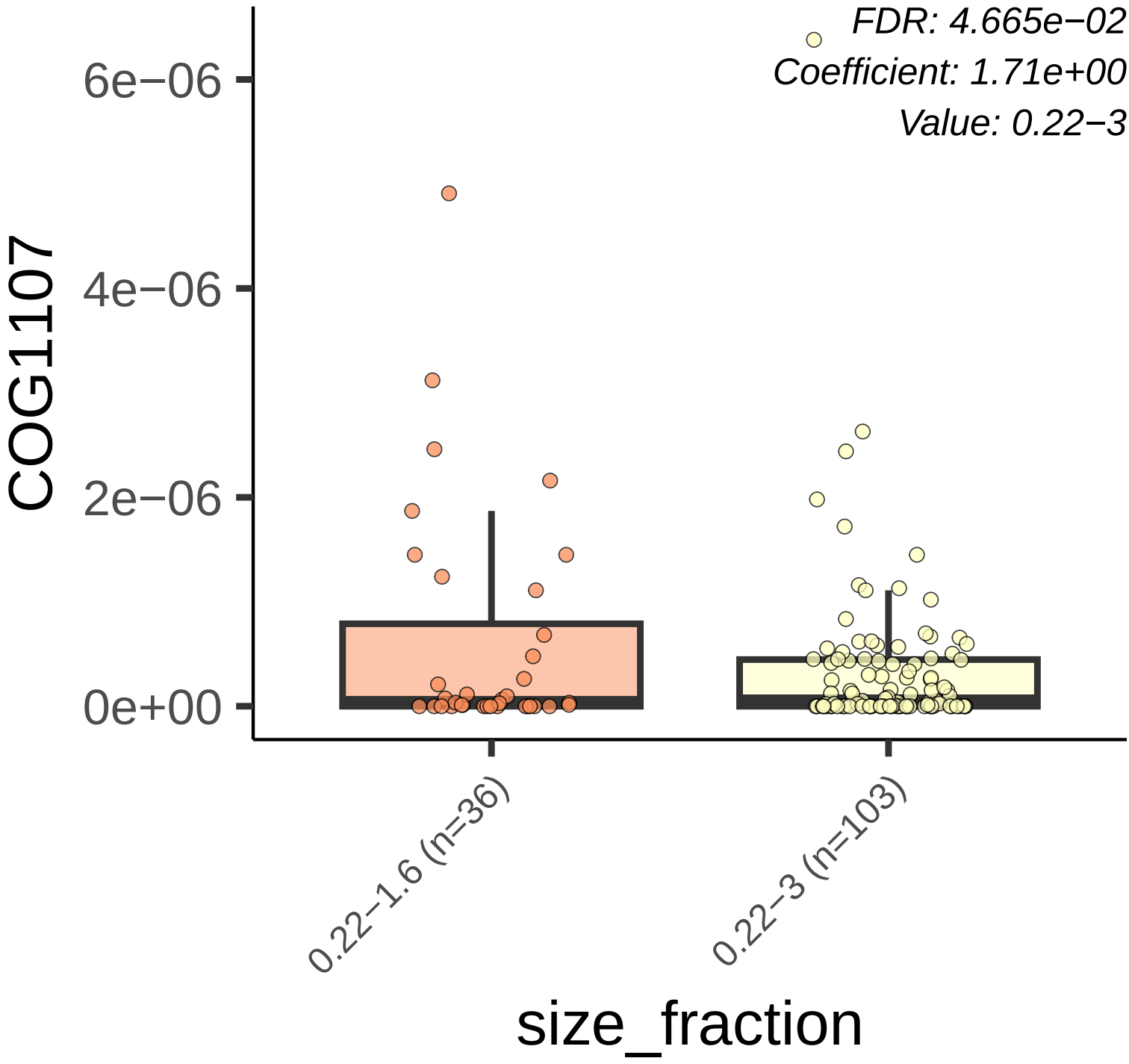

FDR: 4.573e−02
Coefficient: 2.42e−01
Value: 0.22−3
COG1446
4e−04
3e−04
2e−04
1e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

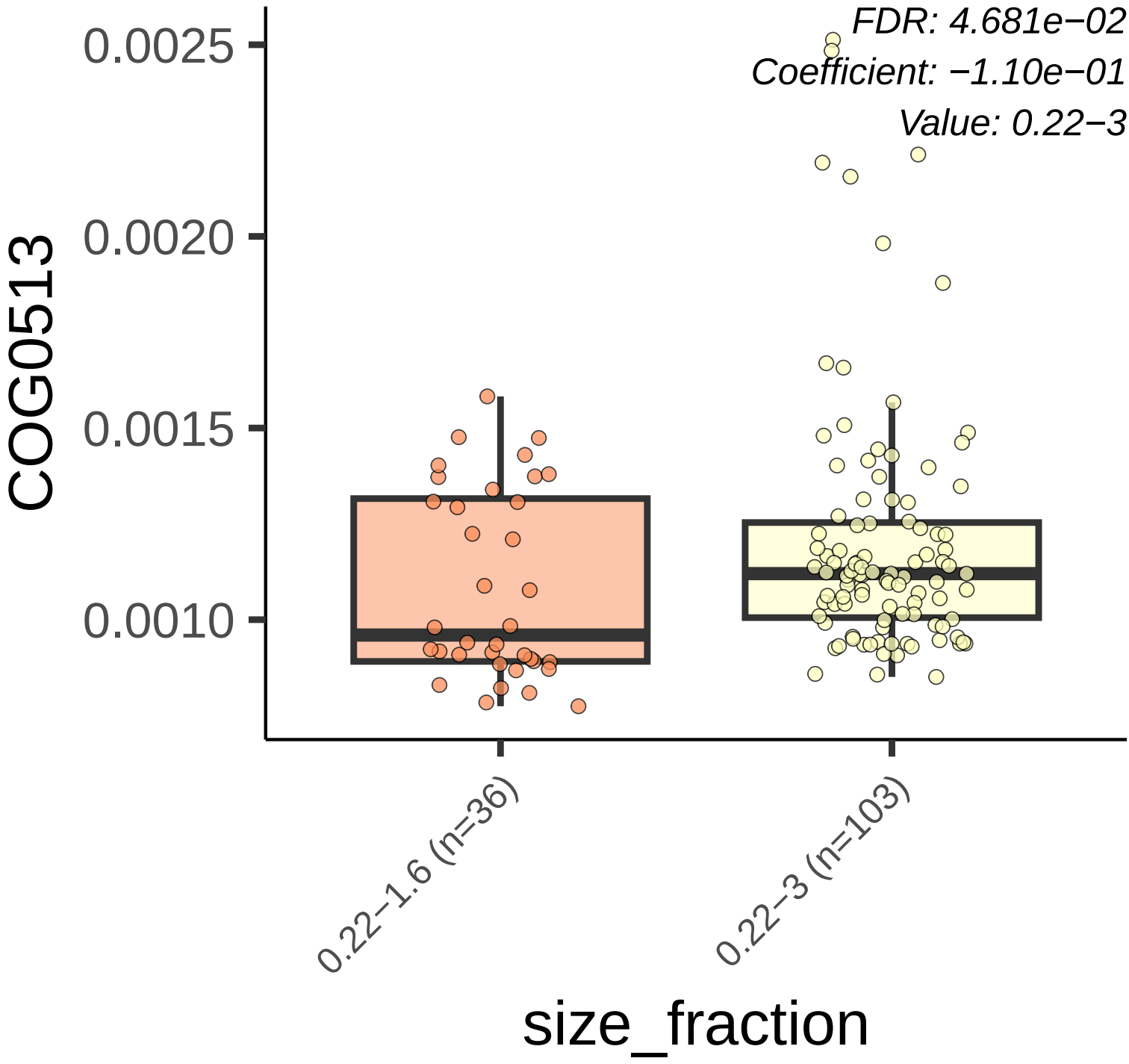

FDR: 4.590e−02
Coefficient: −2.87e−01
Value: 0.22−3
COG3153
6e−05
4e−05
2e−05
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

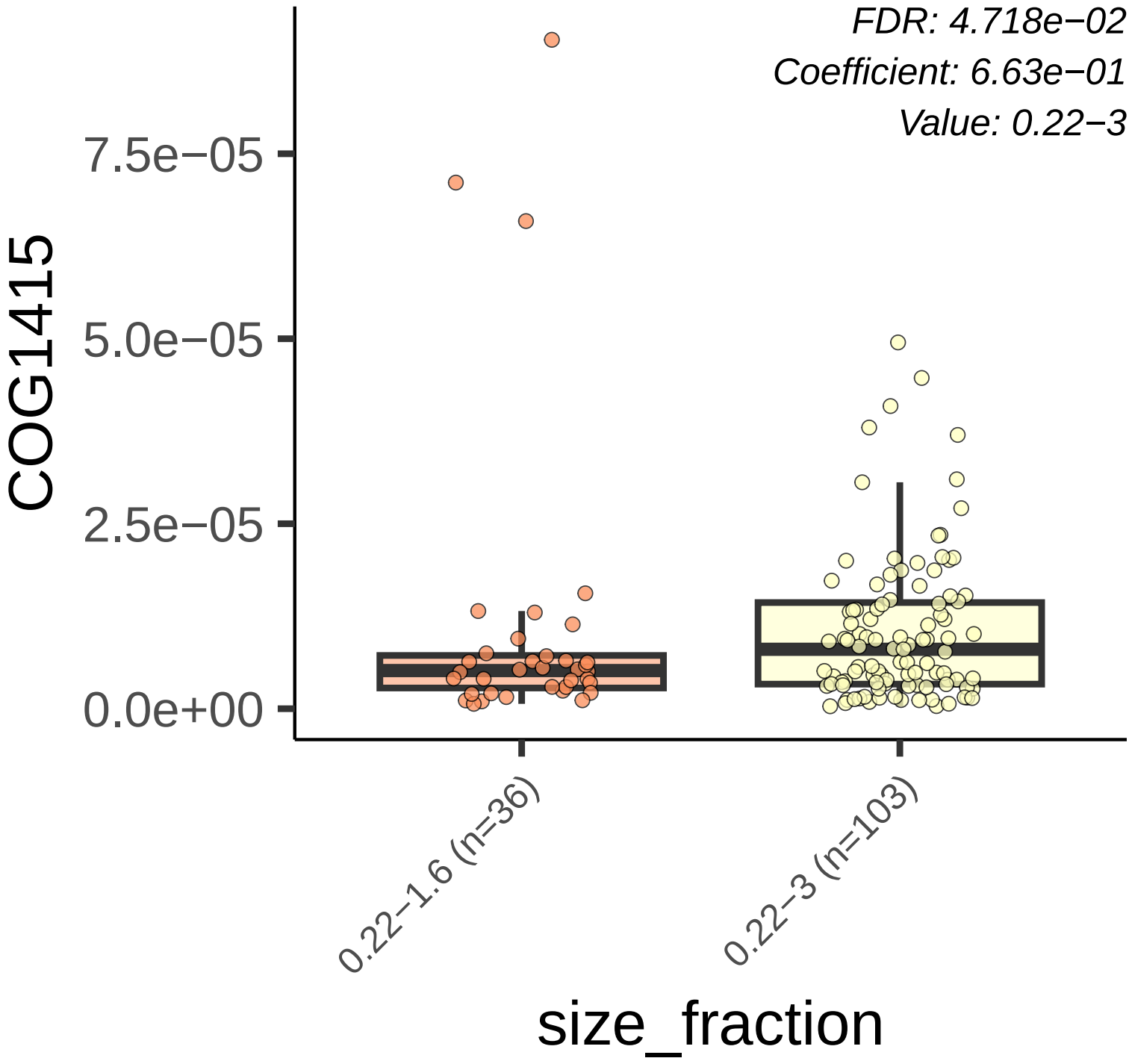

FDR: 4.634e−02
Coefficient: −2.23e−01
Value: 0.22−3
COG2863
3e−04
2e−04
1e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

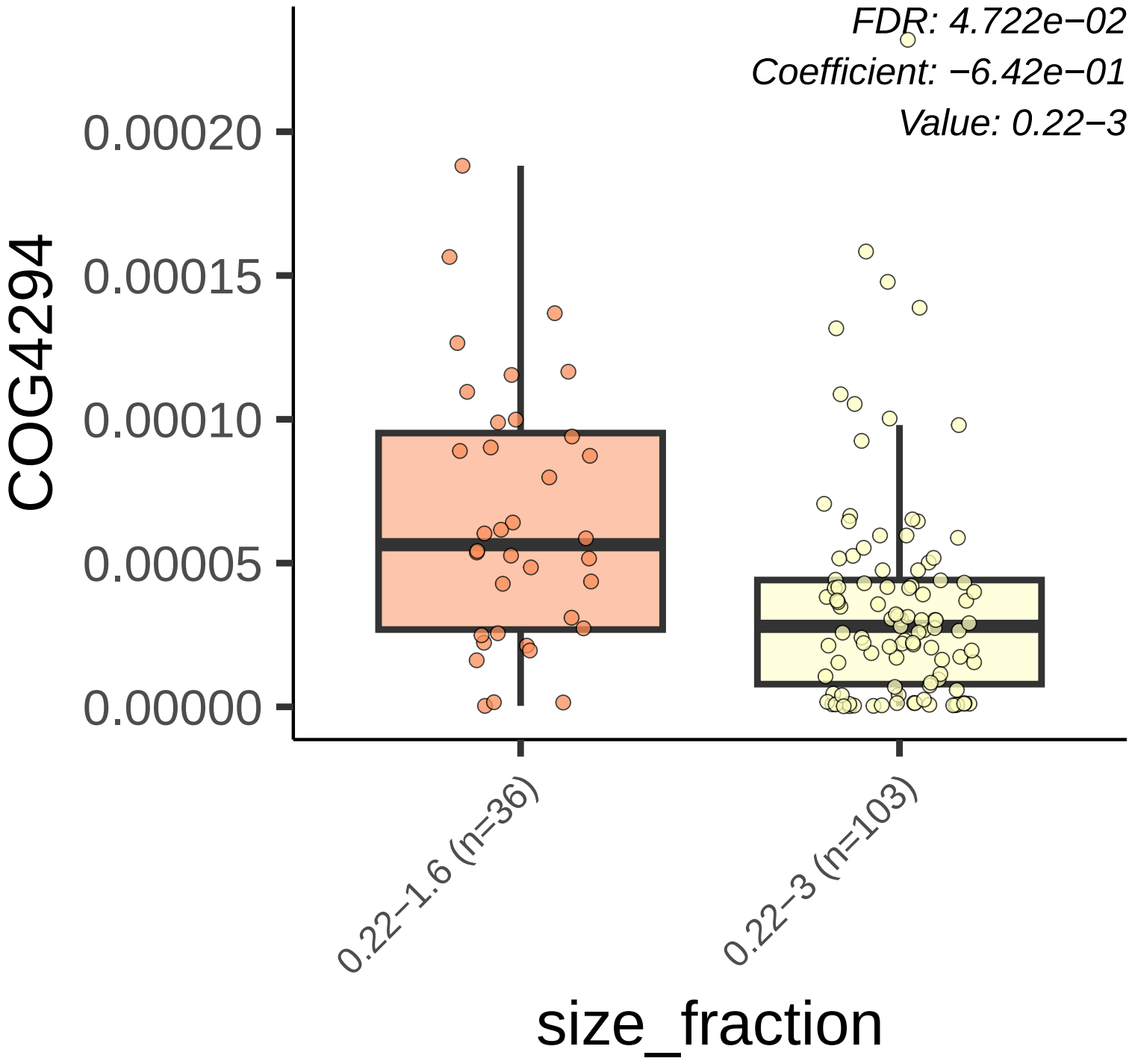

FDR: 4.636e−02
Coefficient: 3.11e−01
Value: 0.22−3
COG1703
4e−04
3e−04
2e−04
1e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

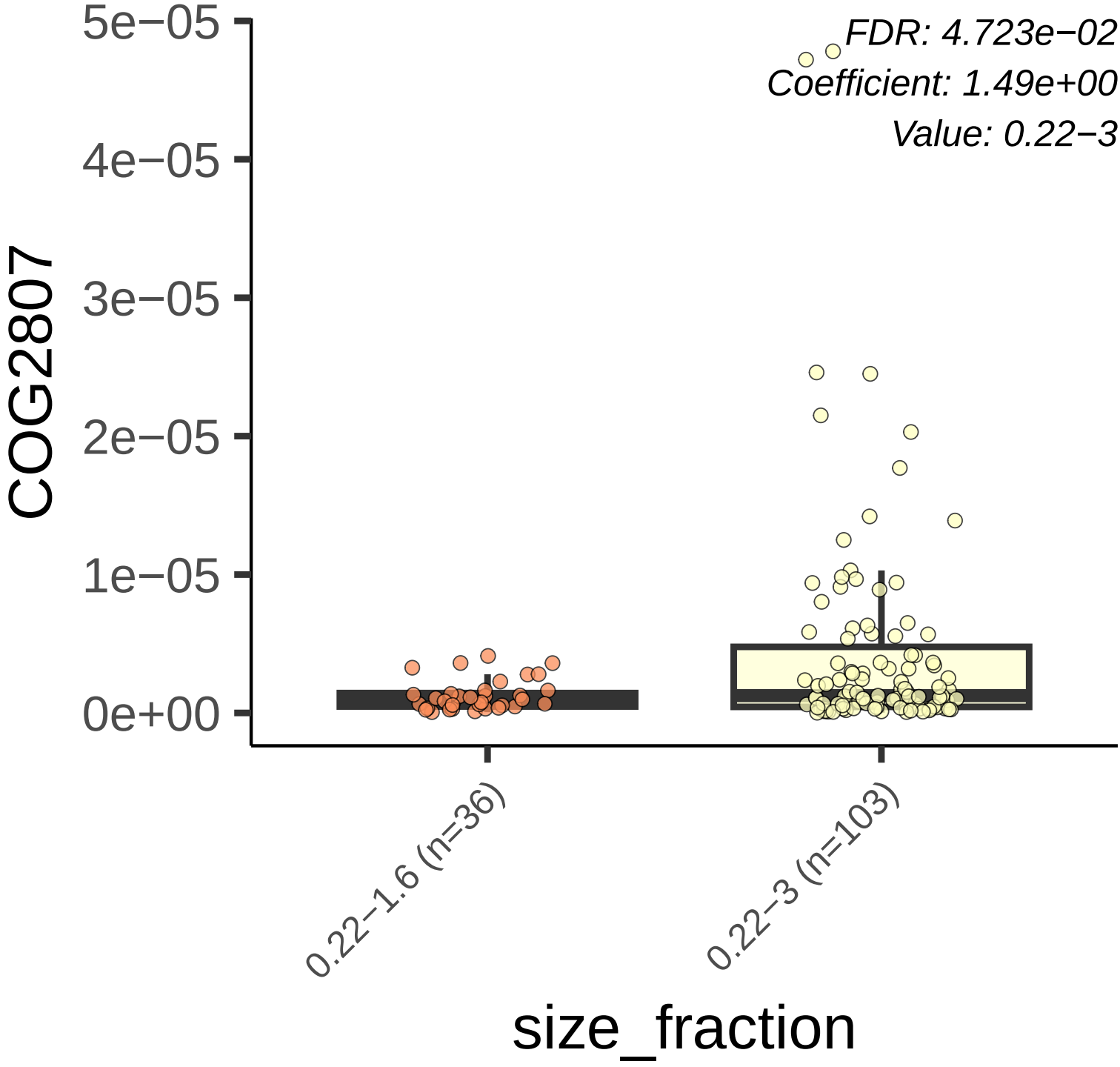

FDR: 4.643e−02
Coefficient: 7.17e−02
Value: 0.22−3
COG0750
1e−03
9e−04
8e−04
7e−04
6e−04
5e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

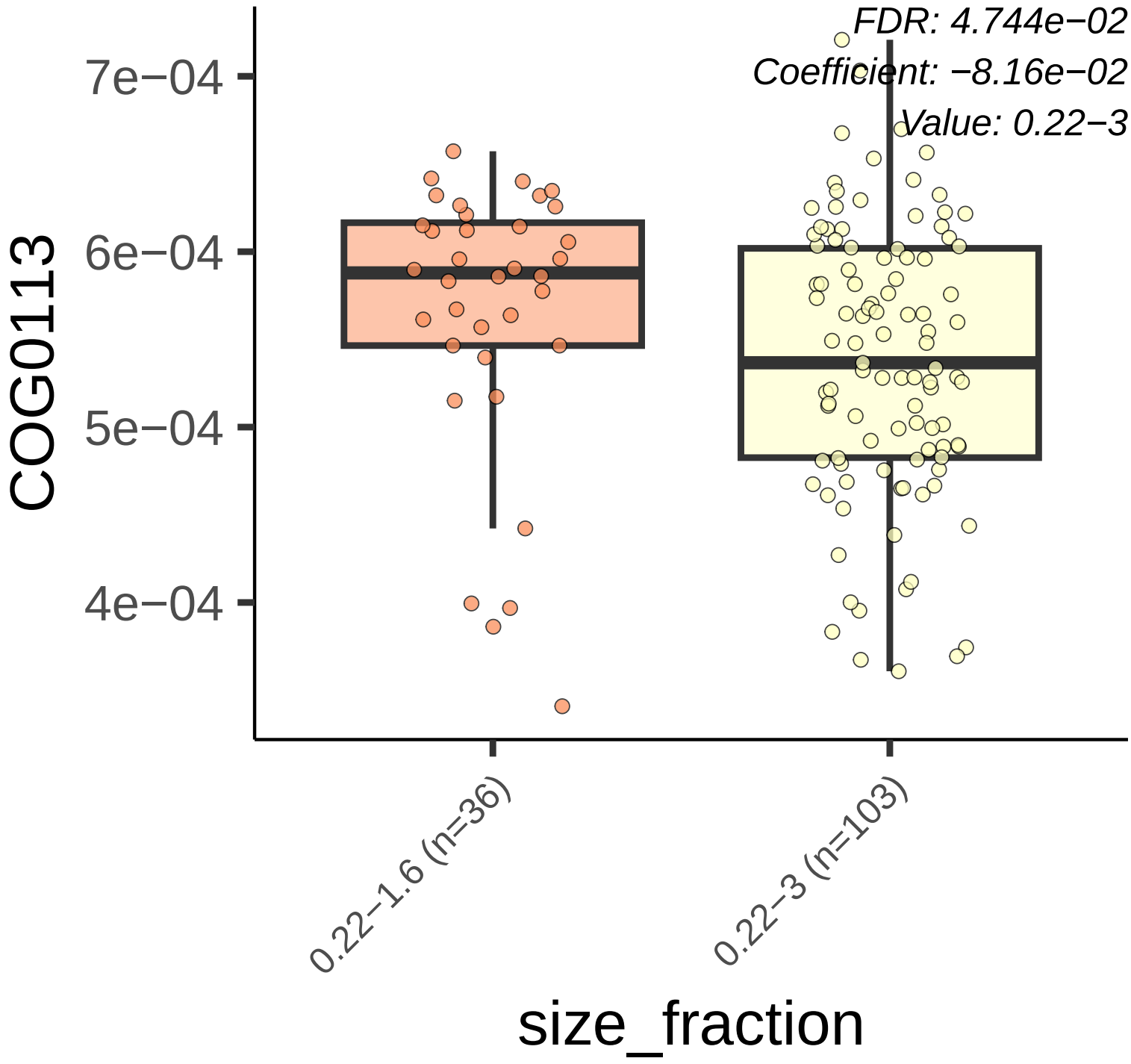

FDR: 4.665e−02
Coefficient: 1.71e+00
Value: 0.22−3
COG1107
6e−06
4e−06
2e−06
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

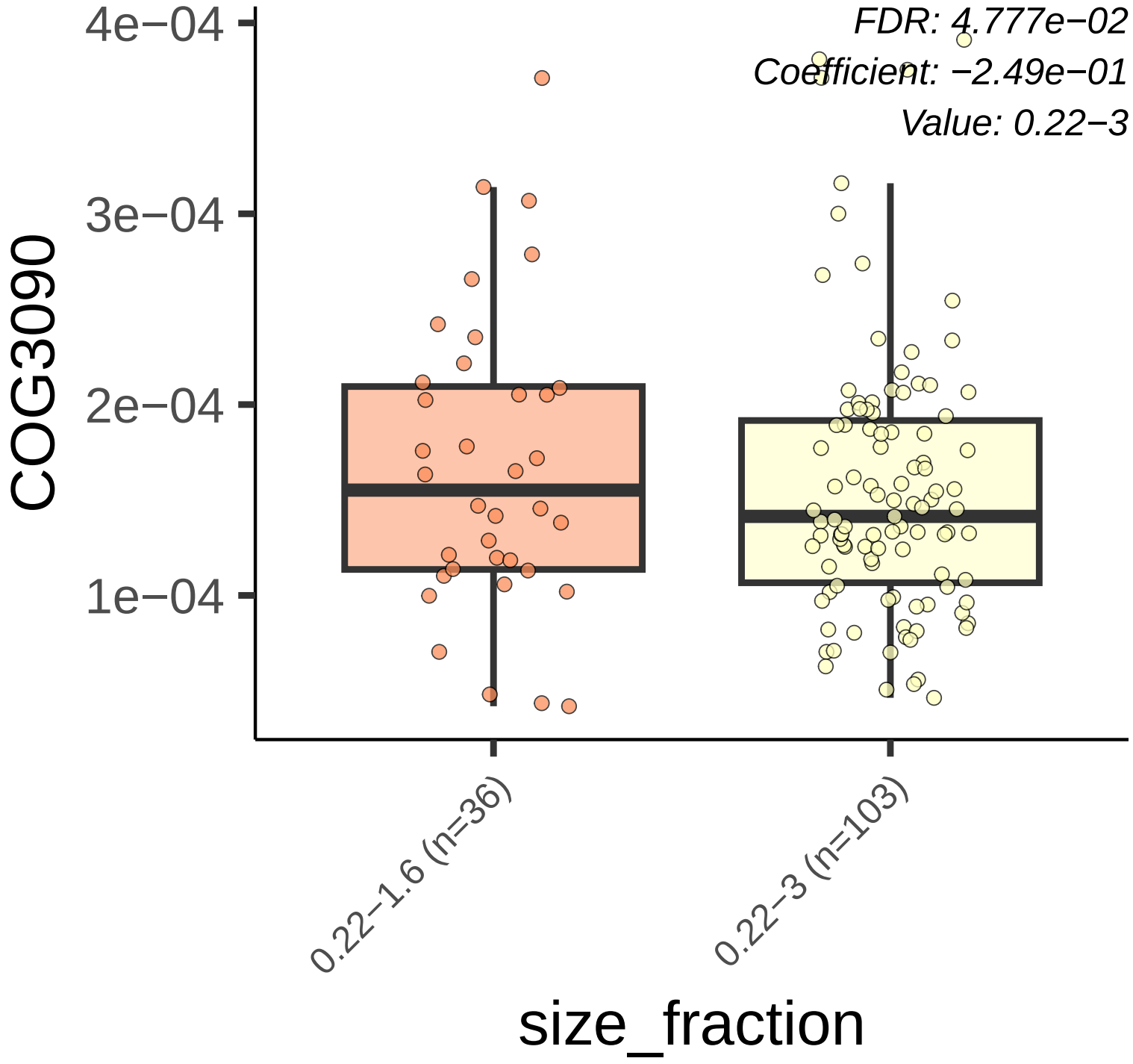

FDR: 4.681e−02
Coefficient: −1.10e−01
Value: 0.22−3
COG0513
0.0025
0.0020
0.0015
0.0010
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

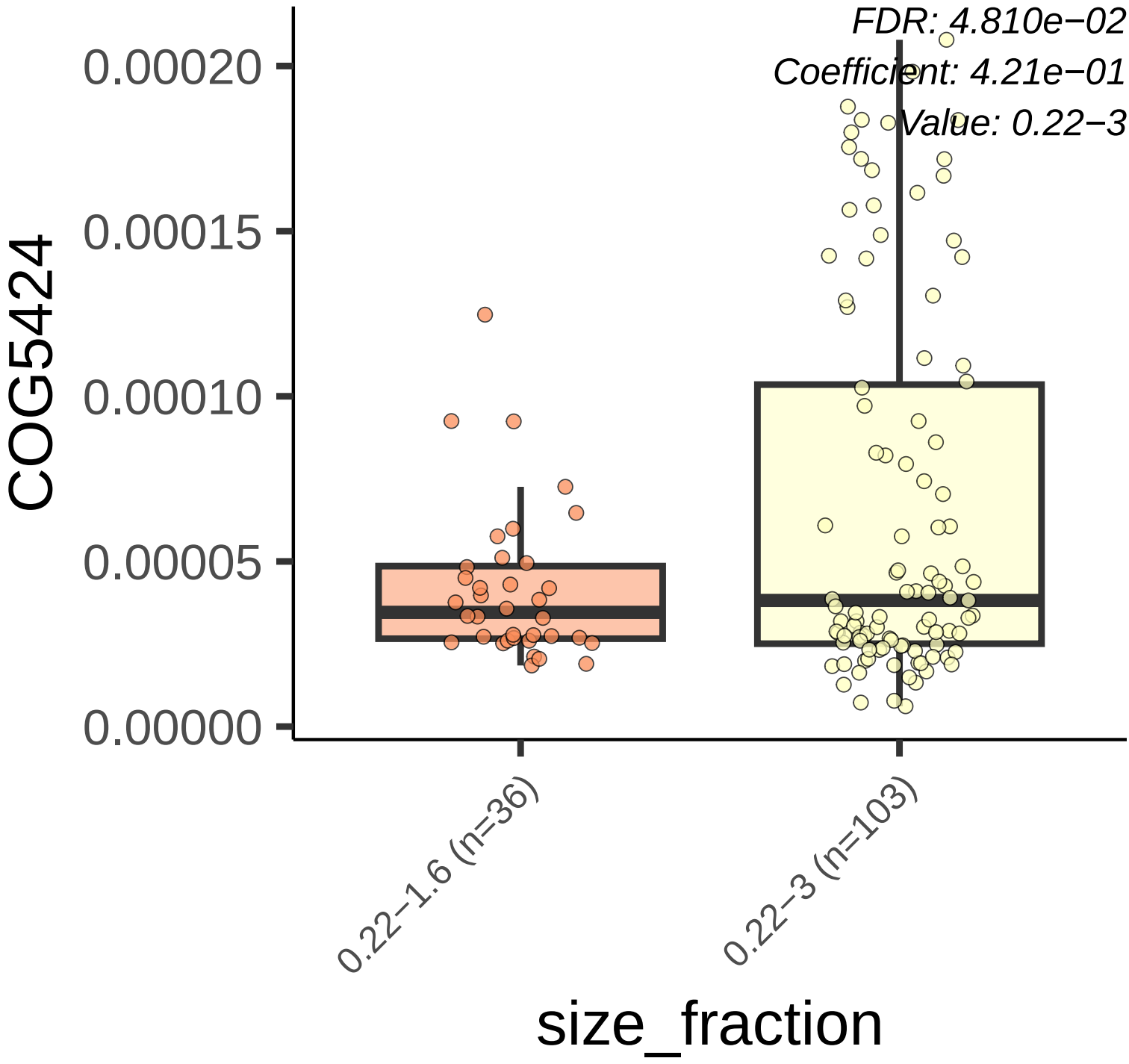

FDR: 4.718e−02
Coefficient: 6.63e−01
Value: 0.22−3
COG1415
7.5e−05
5.0e−05
2.5e−05
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

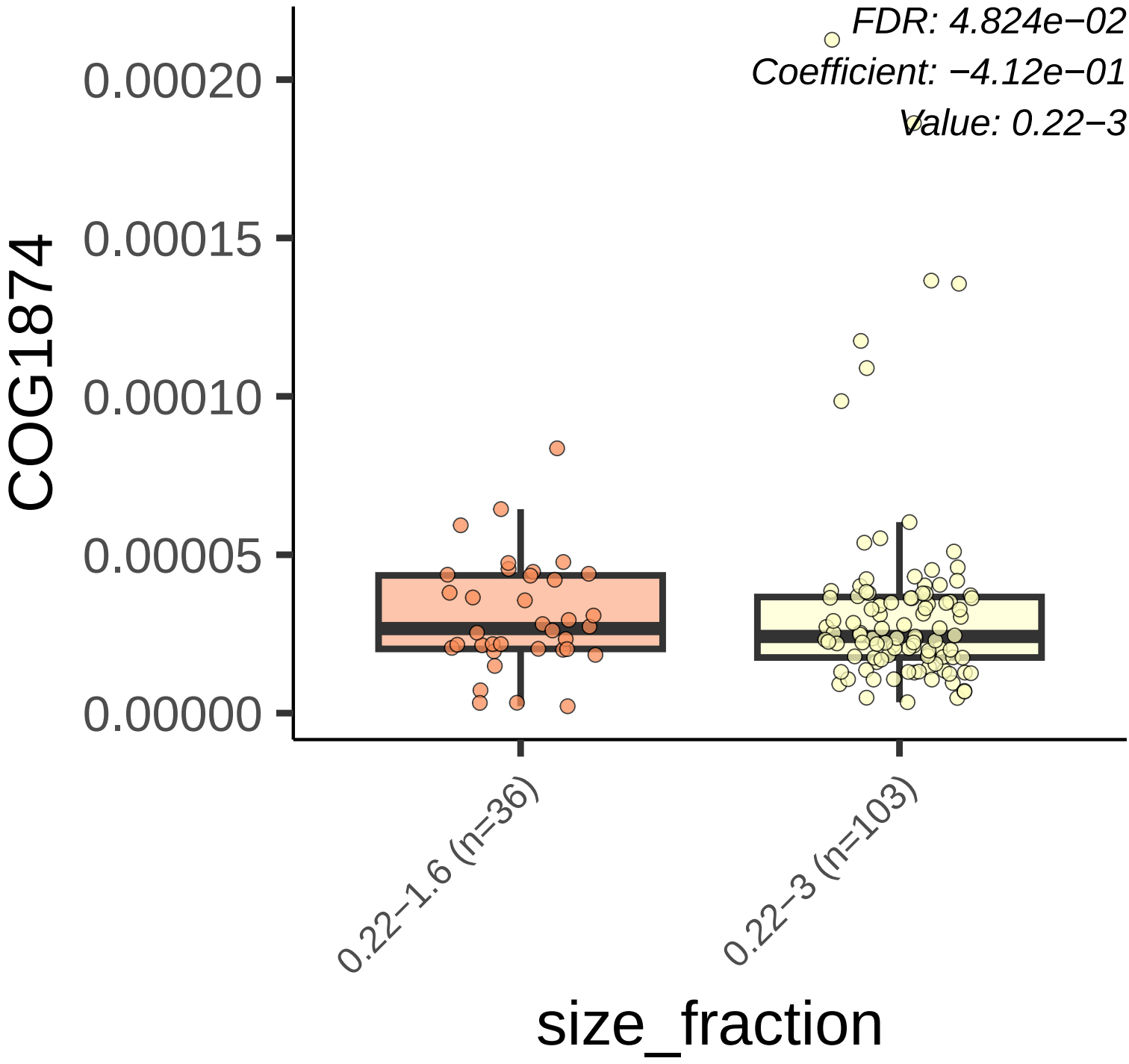

FDR: 4.722e−02
Coefficient: −6.42e−01
Value: 0.22−3
COG4294
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

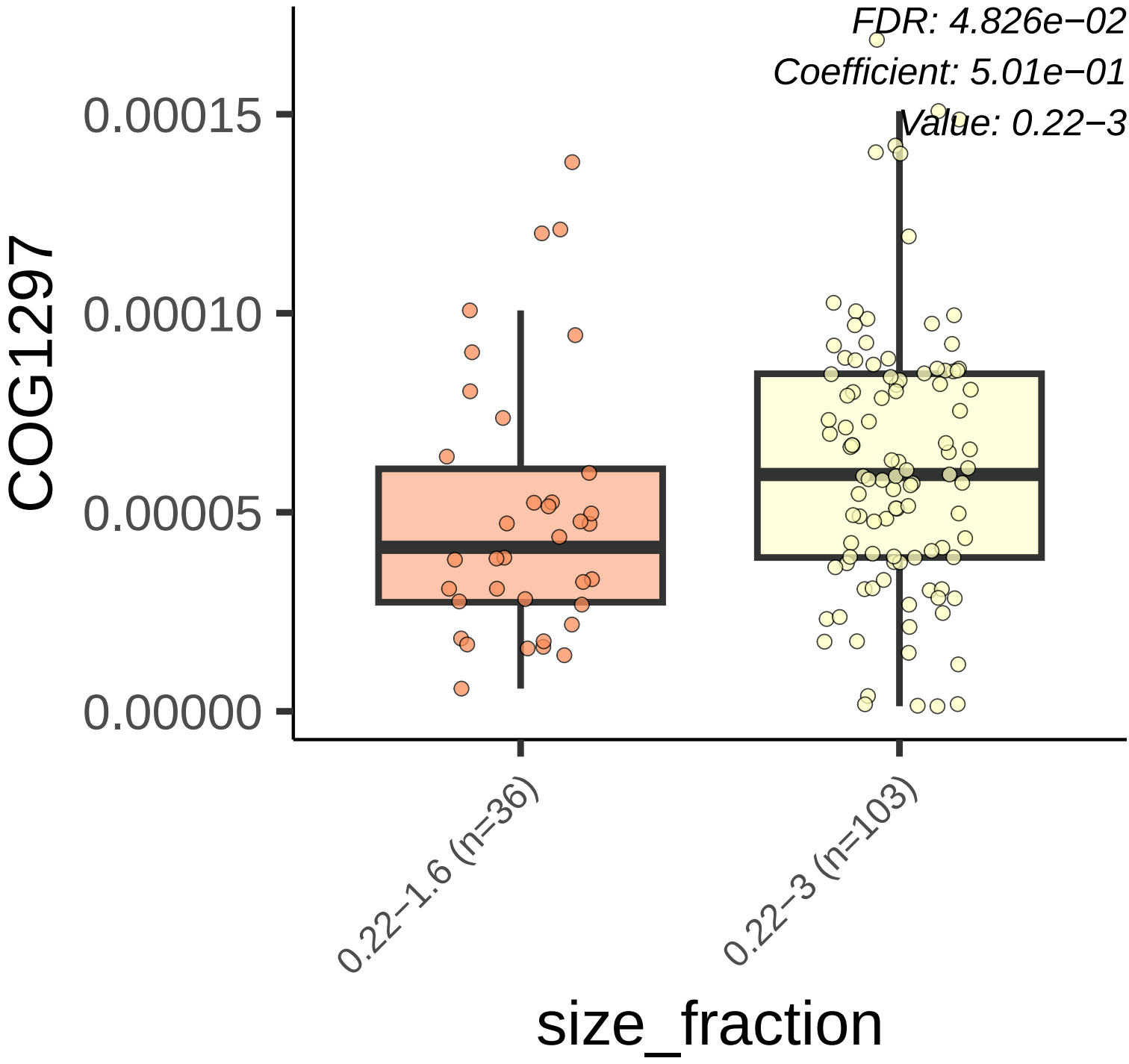

FDR: 4.723e−02
Coefficient: 1.49e+00
Value: 0.22−3
COG2807
5e−05
4e−05
3e−05
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

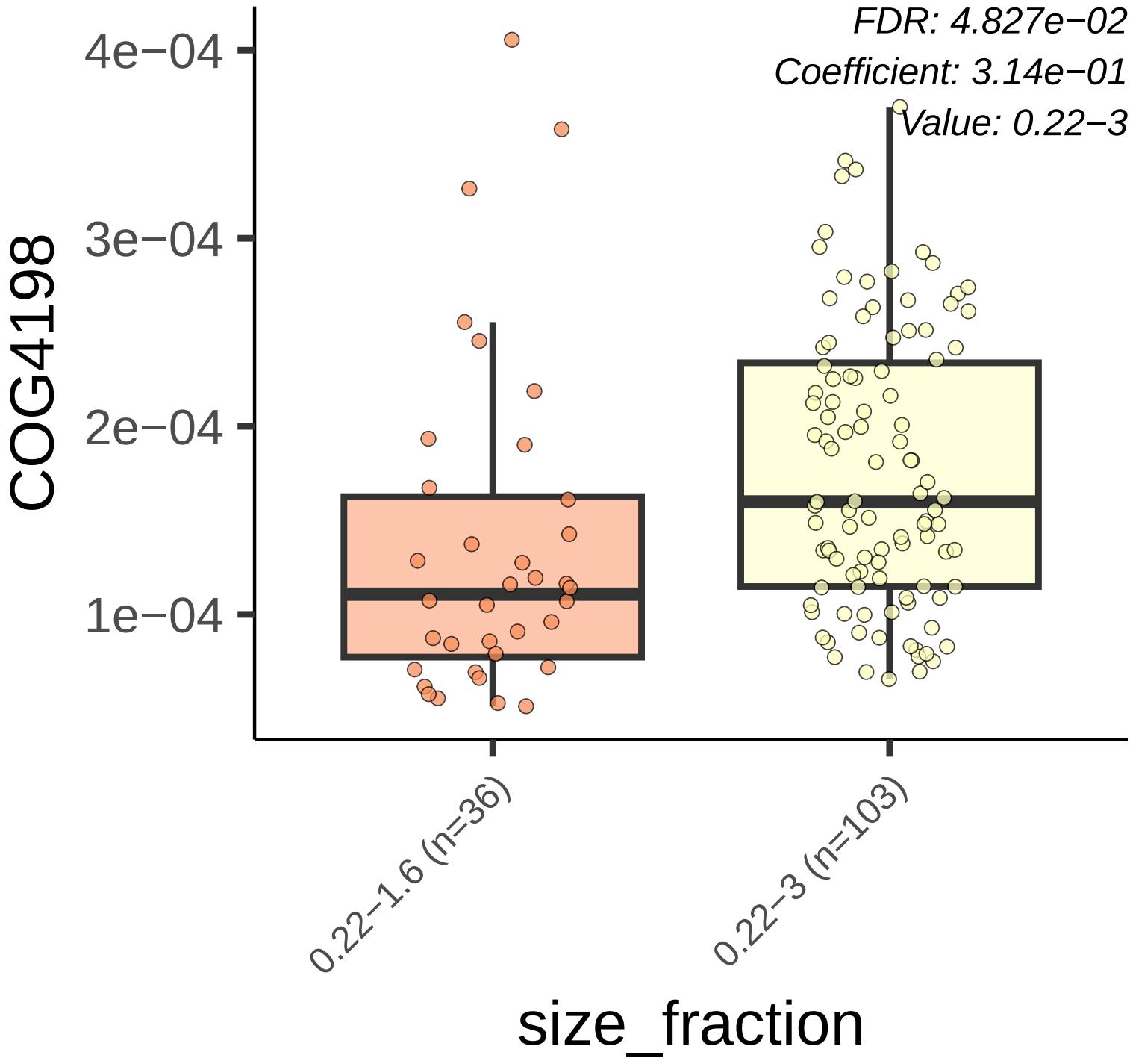

FDR: 4.744e−02
Coefficient: −8.16e−02
Value: 0.22−3
COG0113
7e−04
6e−04
5e−04
4e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

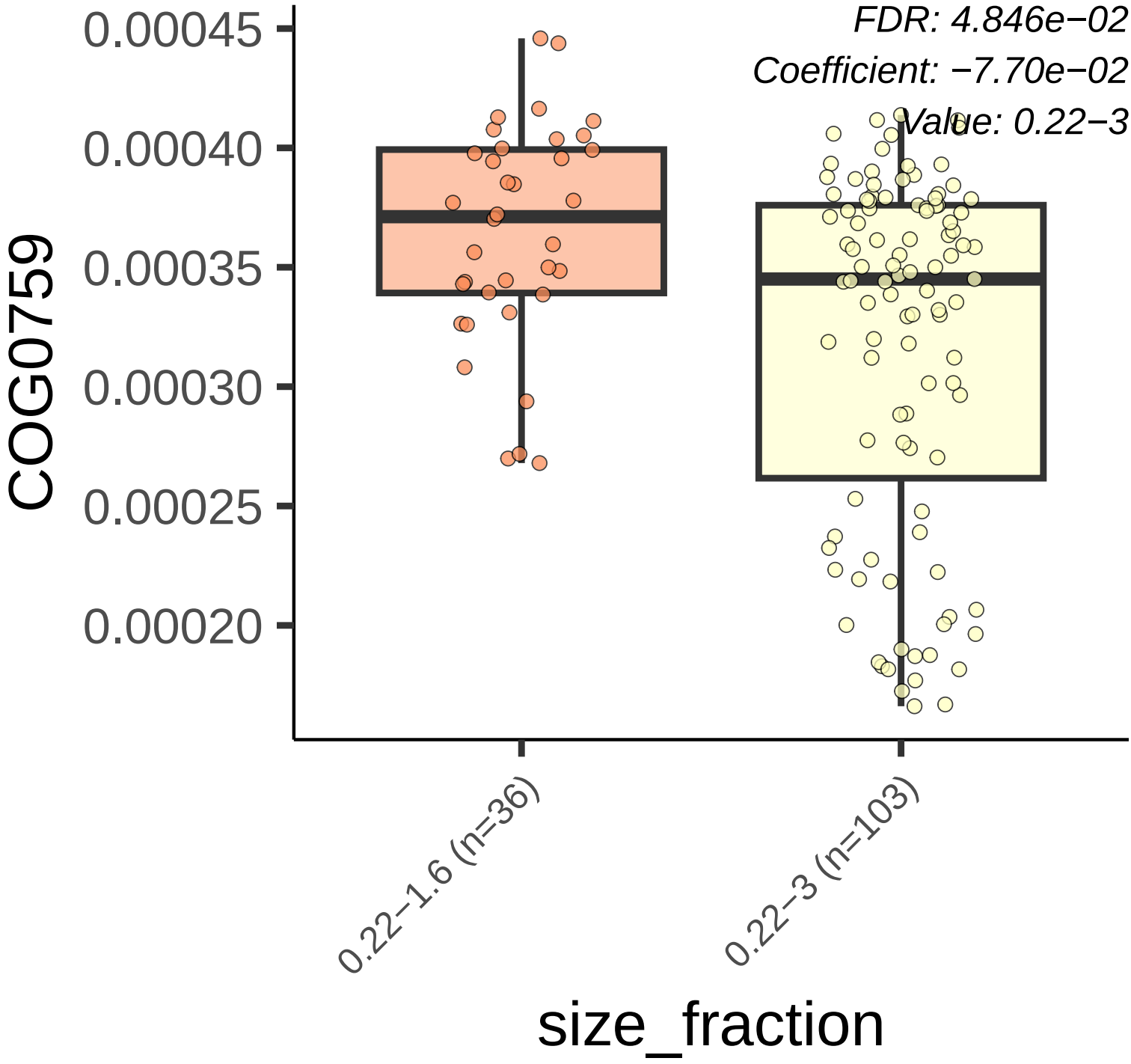

FDR: 4.777e−02
Coefficient: −2.49e−01
Value: 0.22−3
COG3090
4e−04
3e−04
2e−04
1e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

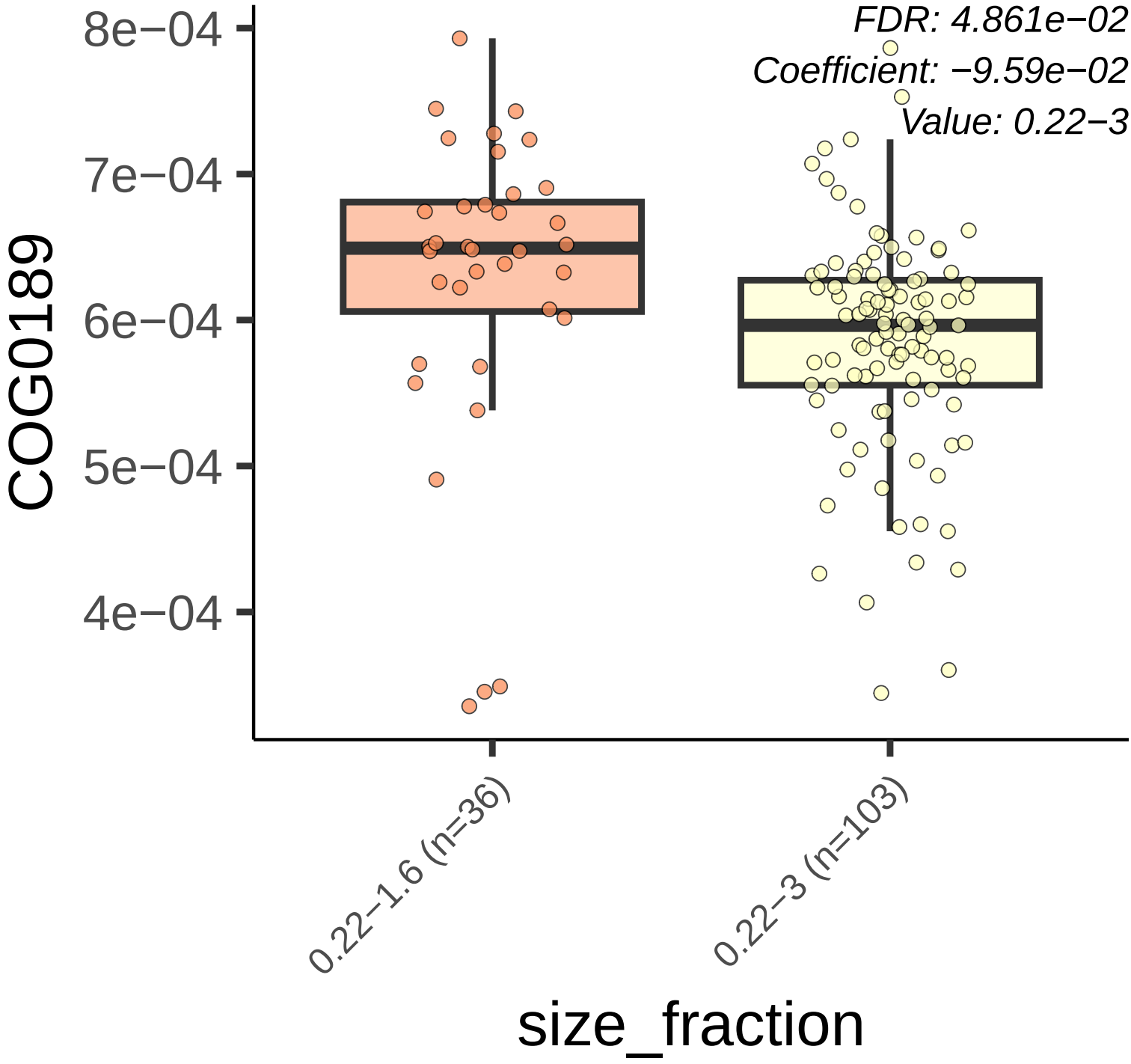

FDR: 4.810e−02
Coefficient: 4.21e−01
Value: 0.22−3
COG5424
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

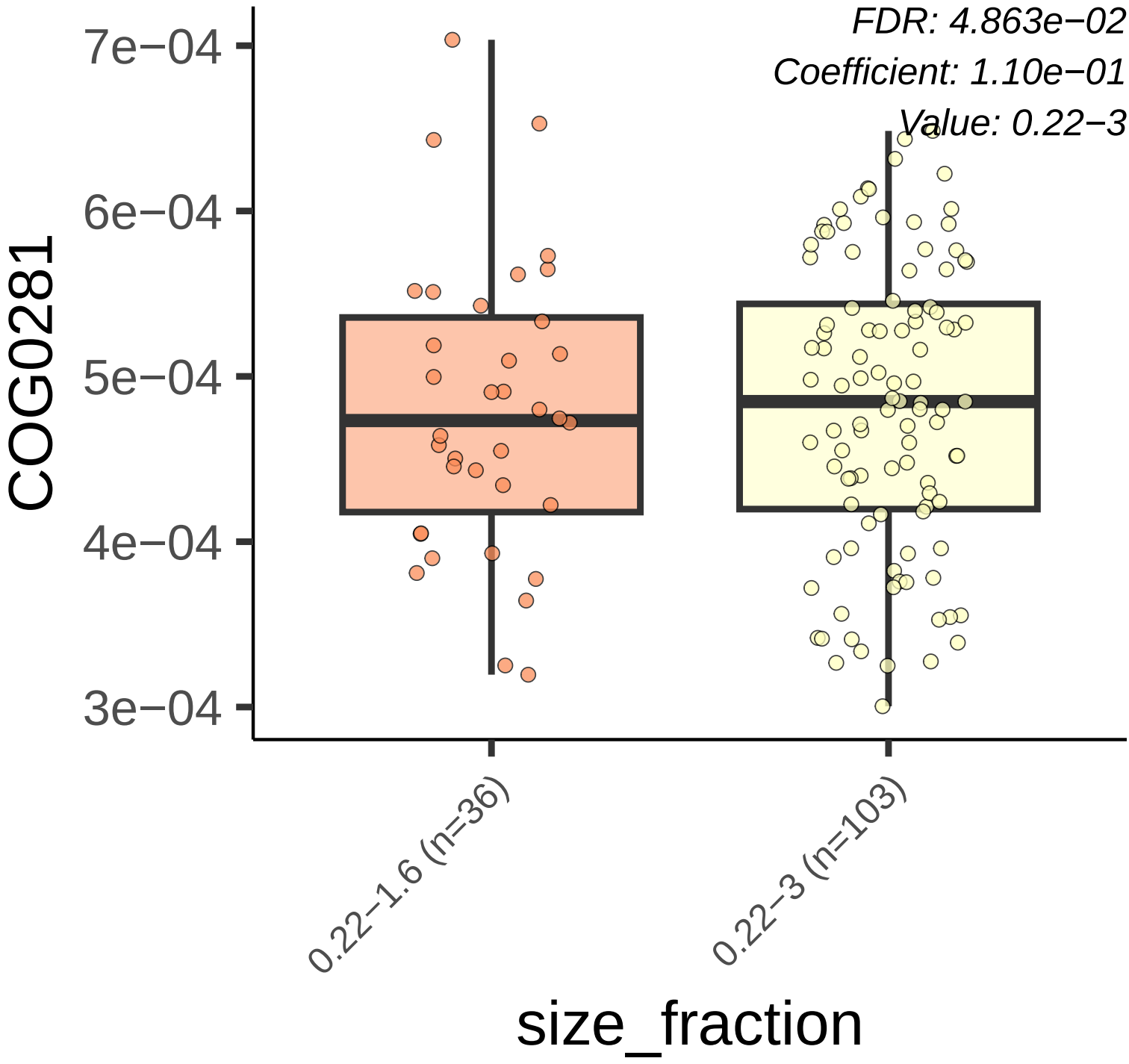

FDR: 4.824e−02
Coefficient: −4.12e−01
Value: 0.22−3
COG1874
0.00020
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

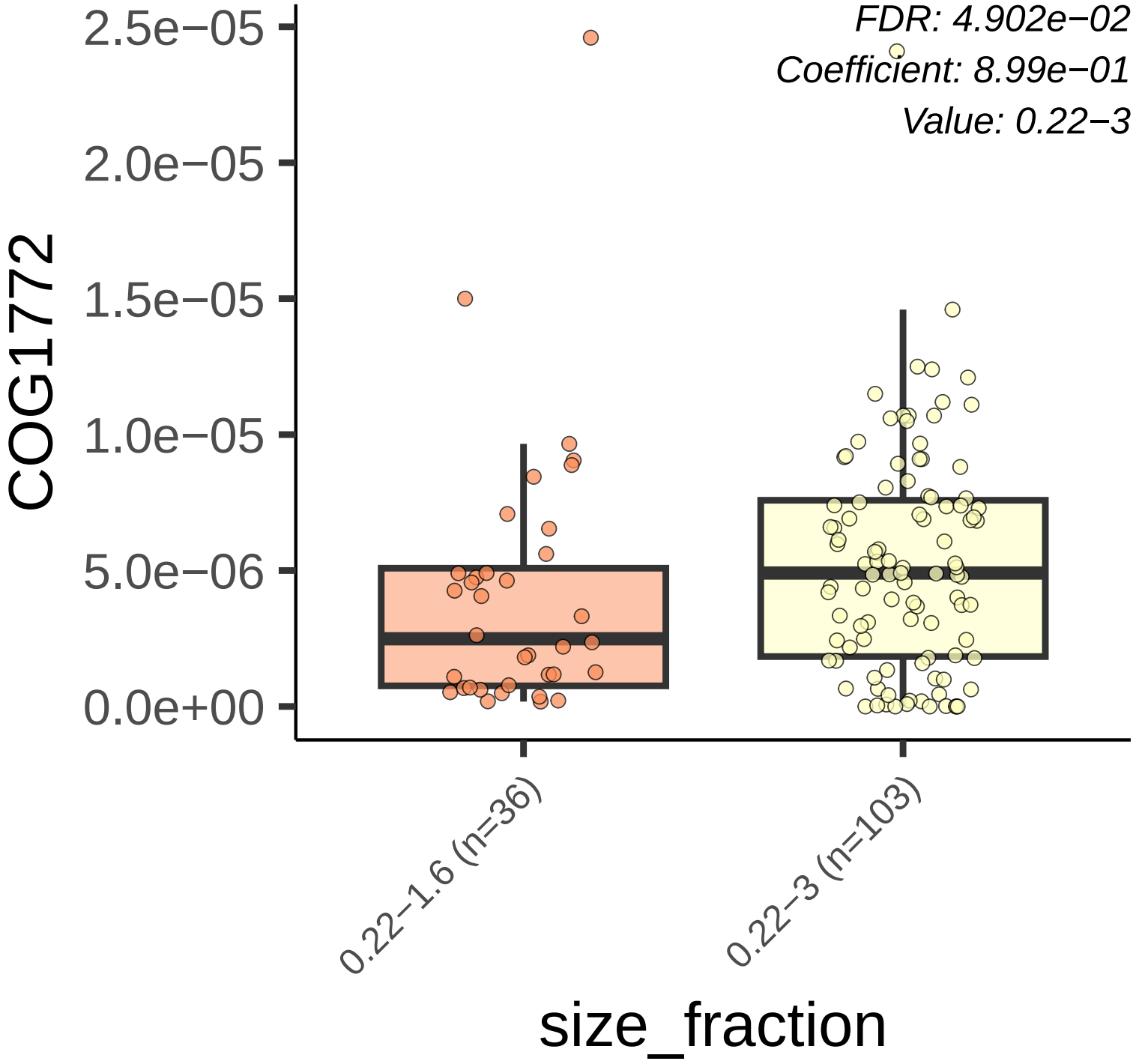

FDR: 4.826e−02
Coefficient: 5.01e−01
Value: 0.22−3
COG1297
0.00015
0.00010
0.00005
0.00000
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

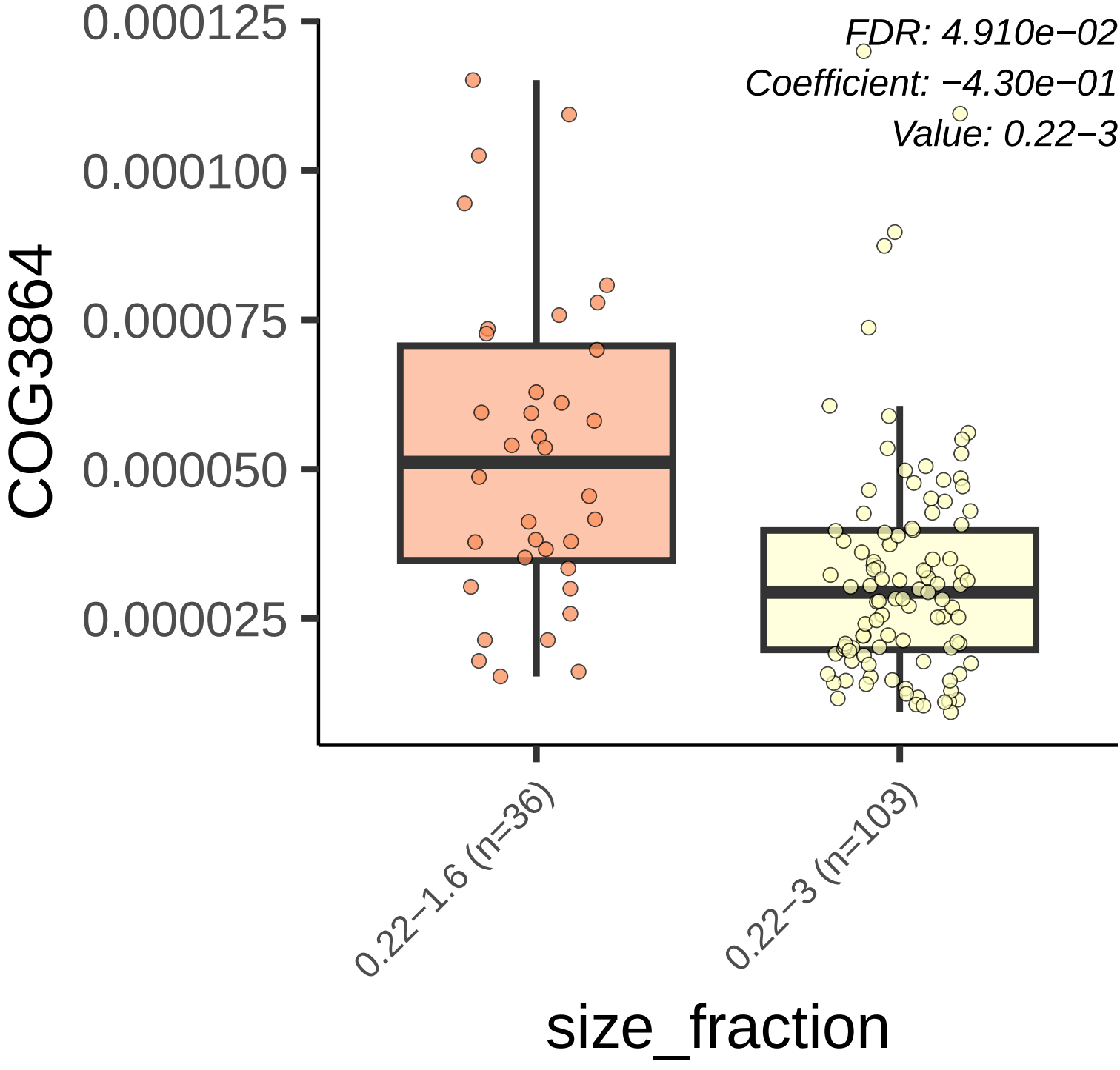

FDR: 4.827e−02
Coefficient: 3.14e−01
Value: 0.22−3
COG4198
4e−04
3e−04
2e−04
1e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

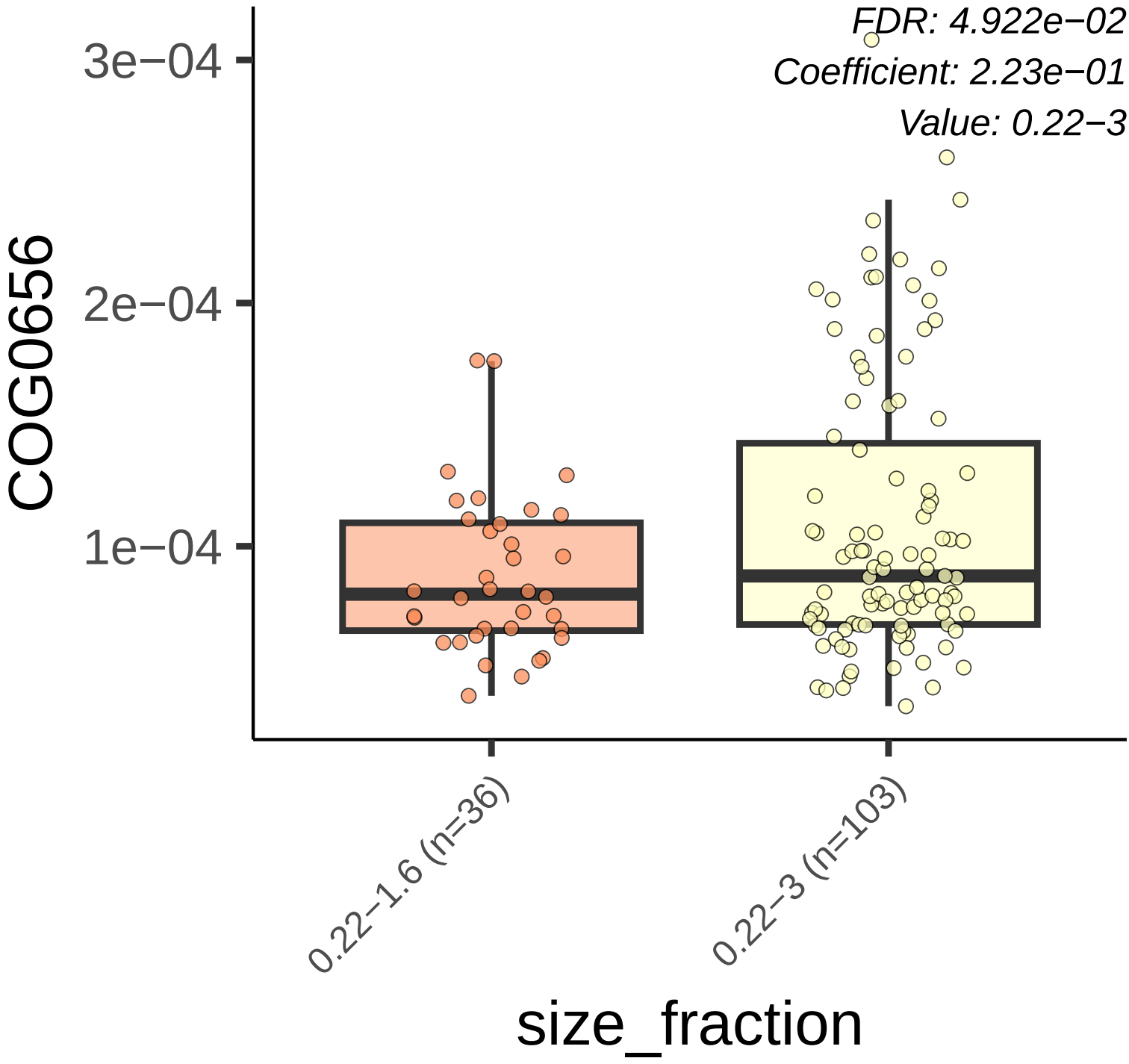

FDR: 4.846e−02
Coefficient: −7.70e−02
Value: 0.22−3
COG0759
0.00045
0.00040
0.00035
0.00030
0.00025
0.00020
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

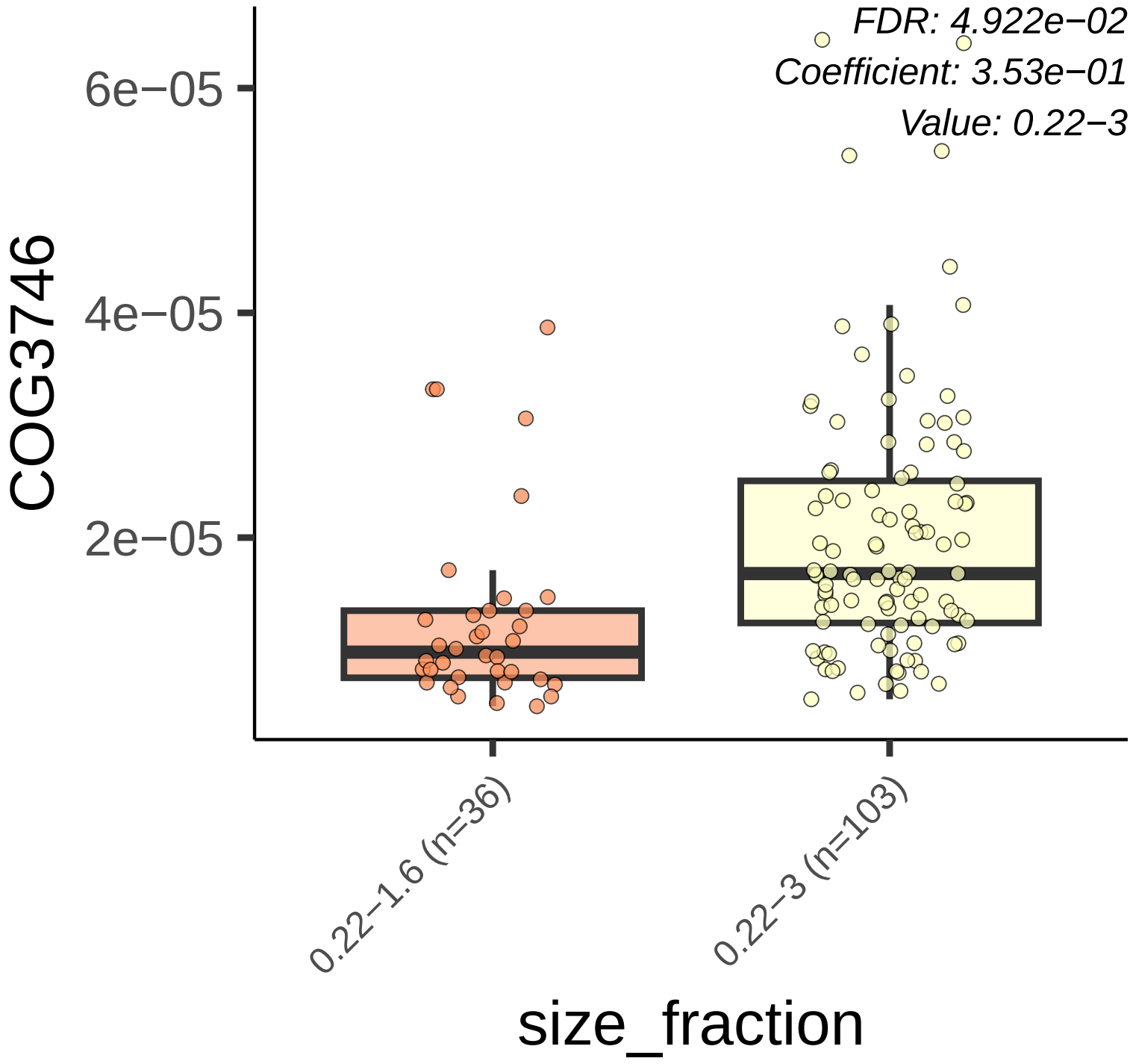

FDR: 4.861e−02
Coefficient: −9.59e−02
Value: 0.22−3
8e−04
7e−04
6e−04
5e−04
4e−04
COG0189
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction

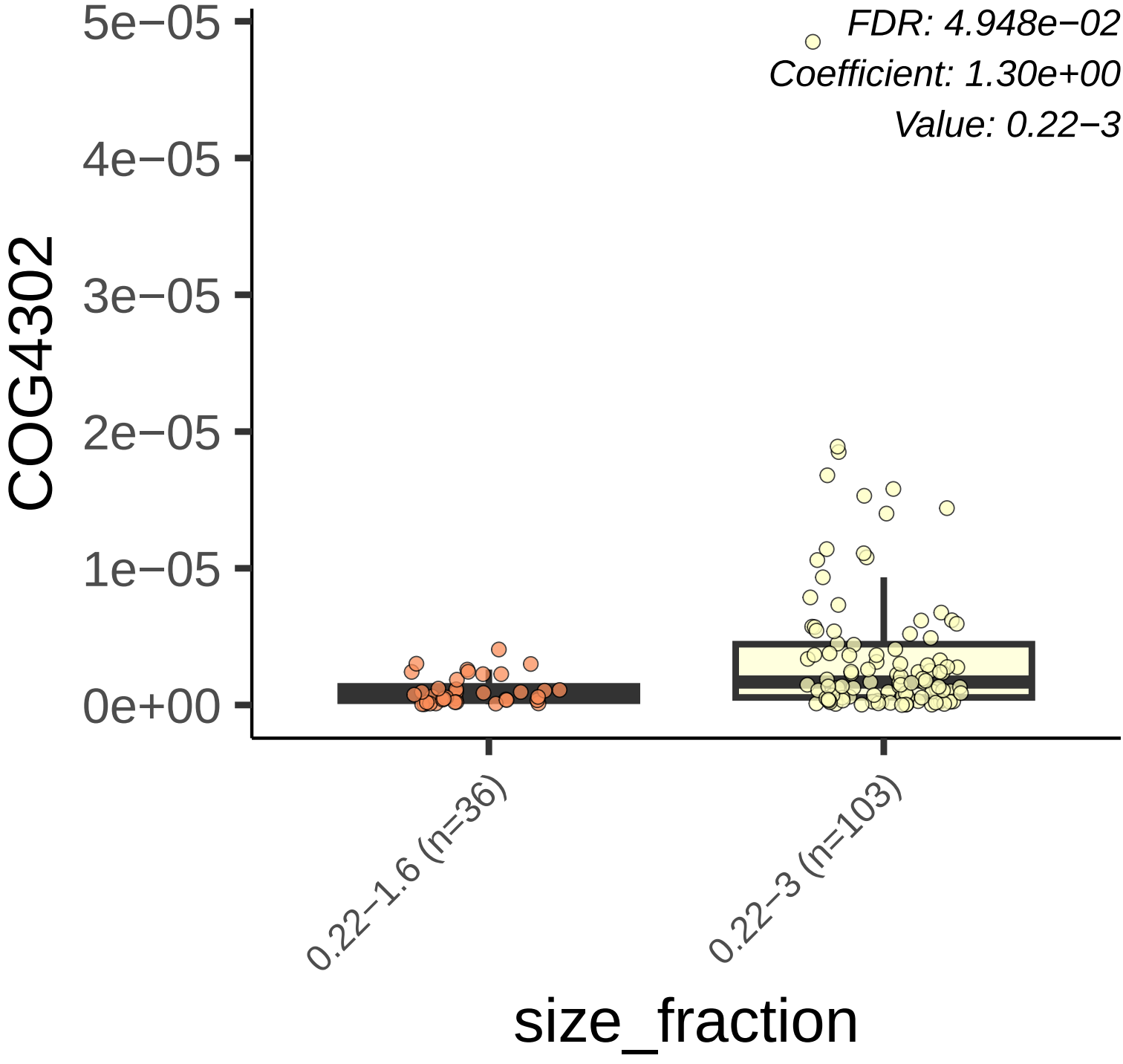

FDR: 4.863e−02
Coefficient: 1.10e−01
Value: 0.22−3
7e−04
6e−04
5e−04
4e−04
3e−04
COG0281
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 4.902e−02
Coefficient: 8.99e−01
Value: 0.22−3
COG1772
2.5e−05
2.0e−05
1.5e−05
1.0e−05
5.0e−06
0.0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 4.910e−02
Coefficient: −4.30e−01
Value: 0.22−3
COG3864
0.000125
0.000100
0.000075
0.000050
0.000025
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 4.922e−02
Coefficient: 2.23e−01
Value: 0.22−3
COG0656
3e−04
2e−04
1e−04
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 4.922e−02
Coefficient: 3.53e−01
Value: 0.22−3
COG3746
6e−05
4e−05
2e−05
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction


FDR: 4.948e−02
Coefficient: 1.30e+00
Value: 0.22−3
COG4302
5e−05
4e−05
3e−05
2e−05
1e−05
0e+00
0.22−1.6 (n=36)
0.22−3 (n=103)
size_fraction