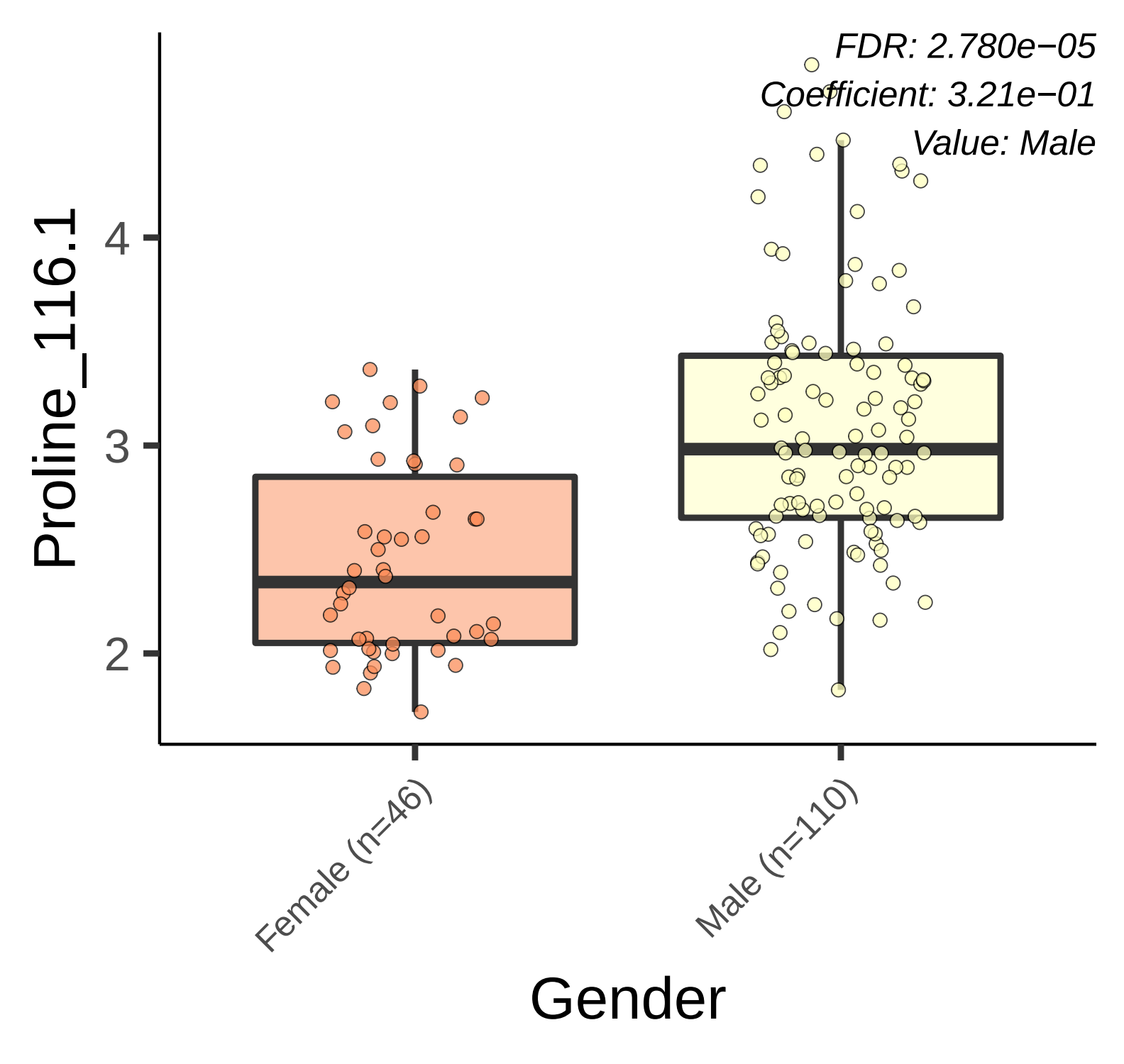
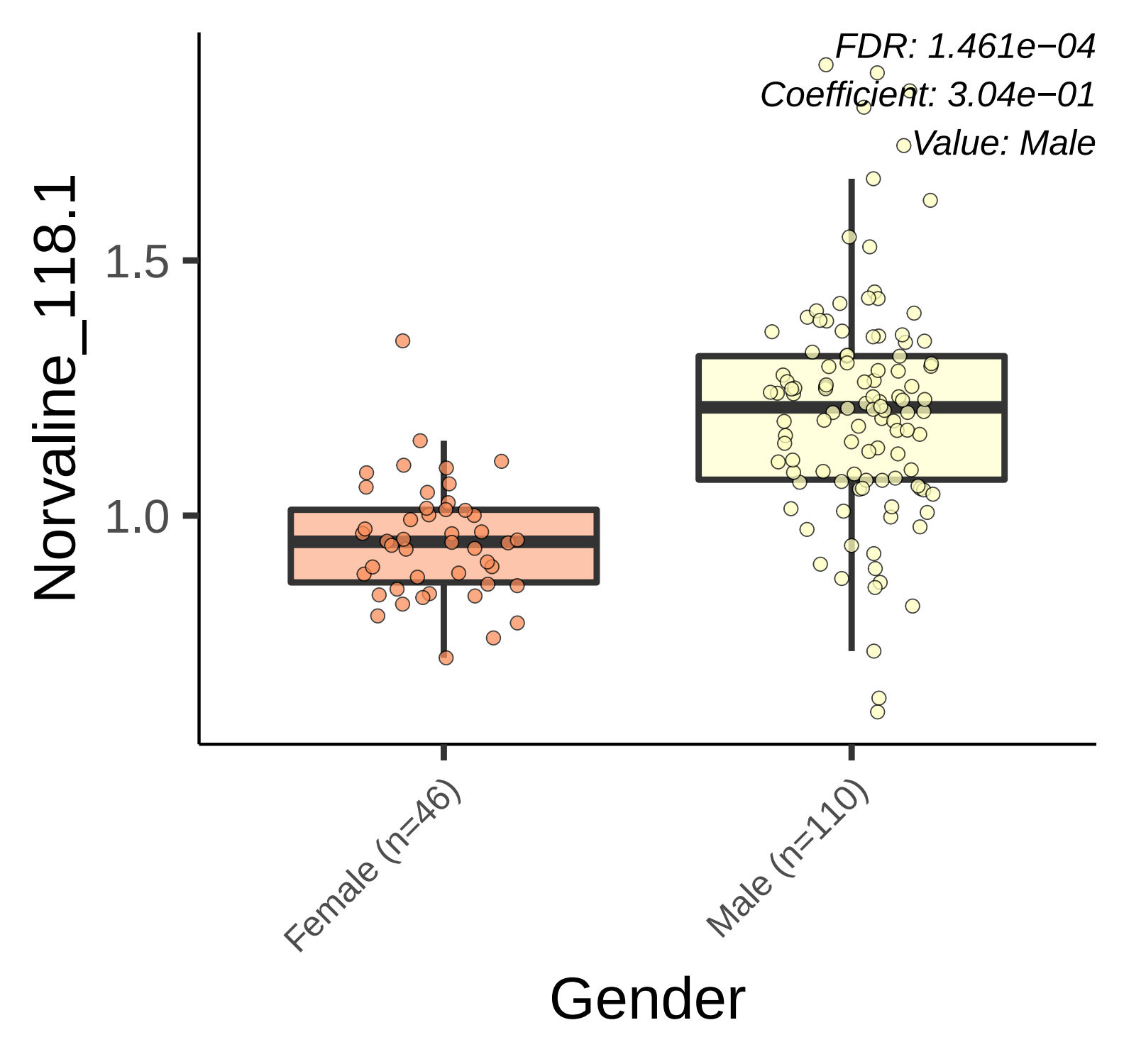
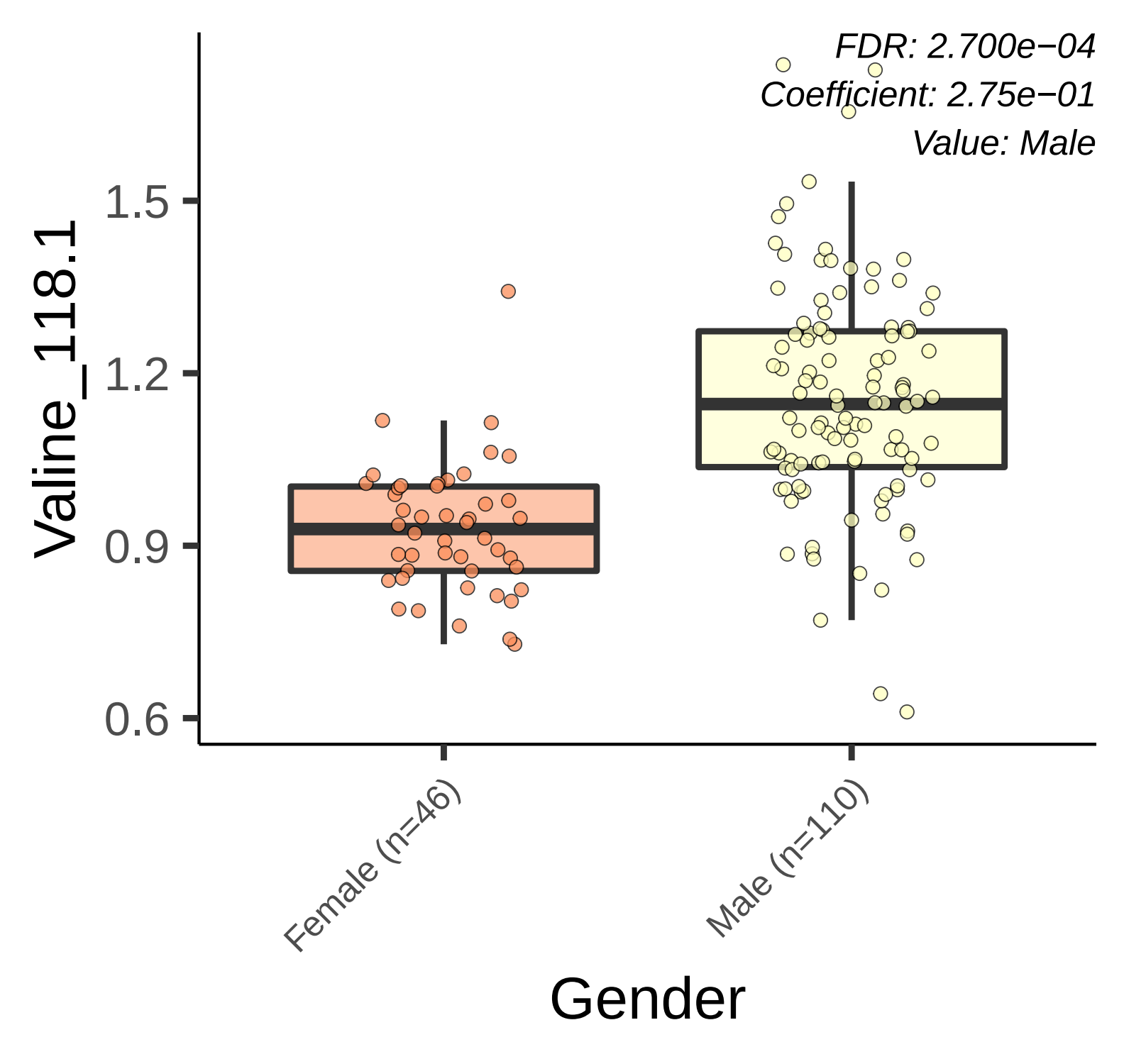
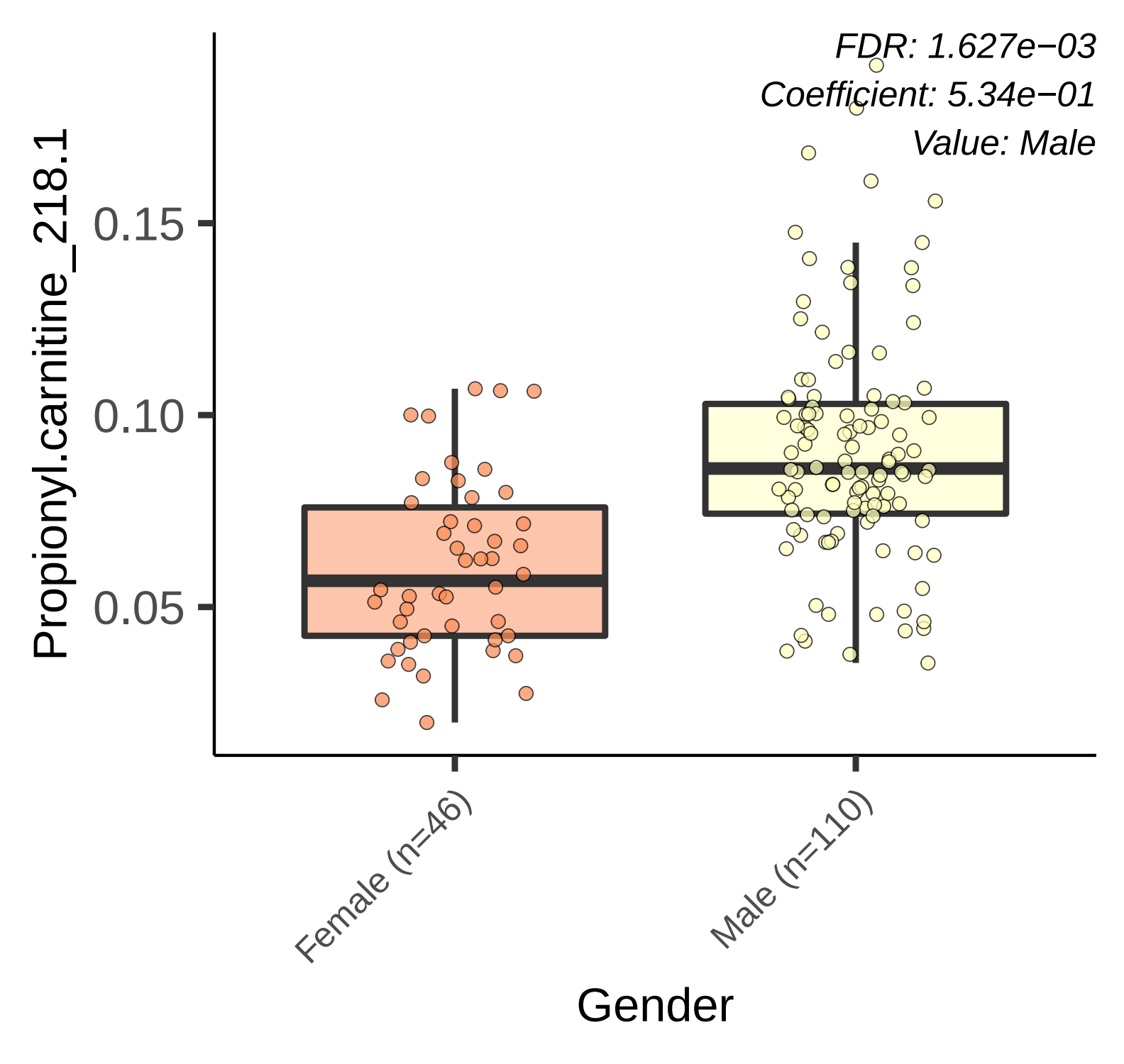
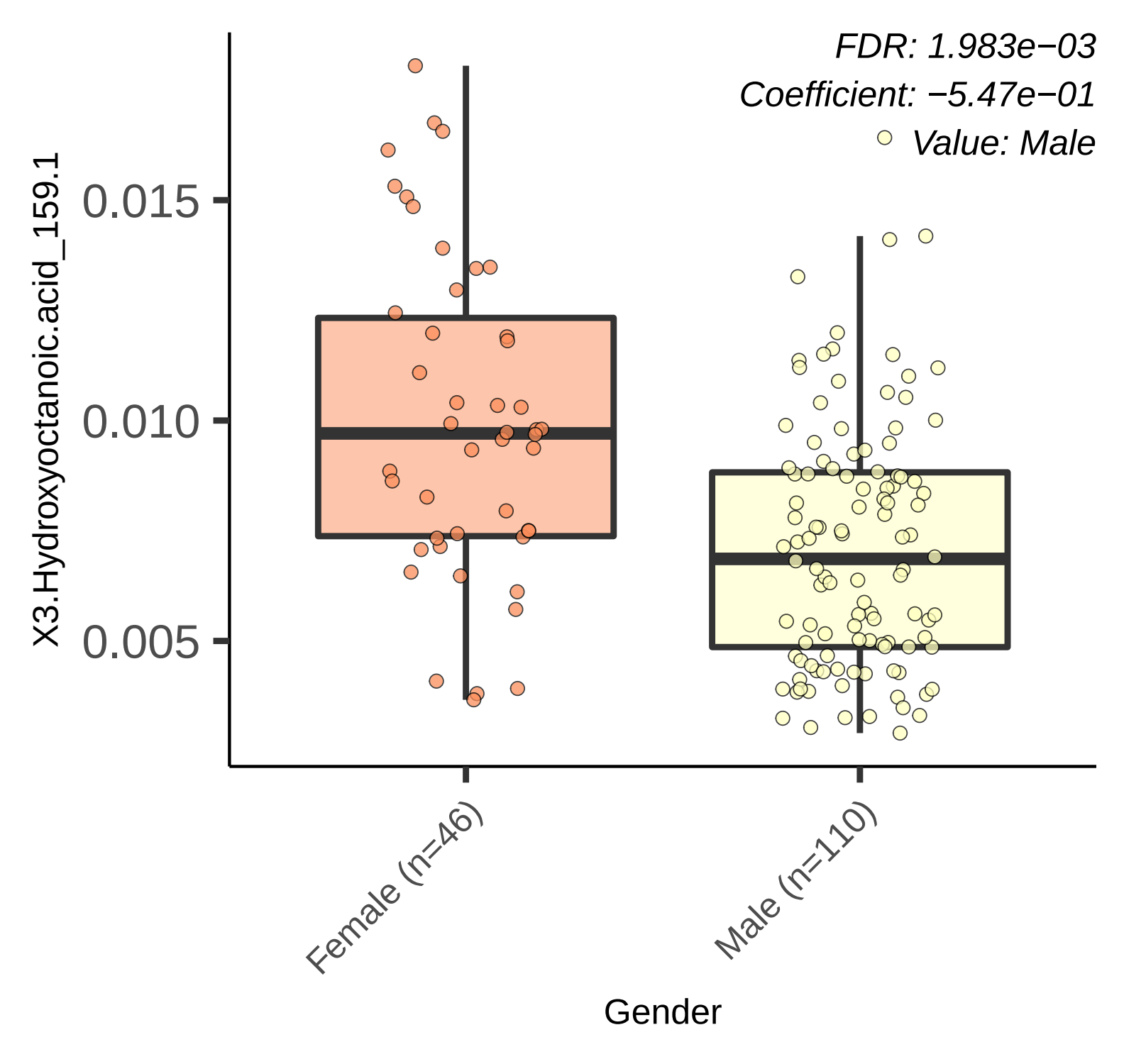
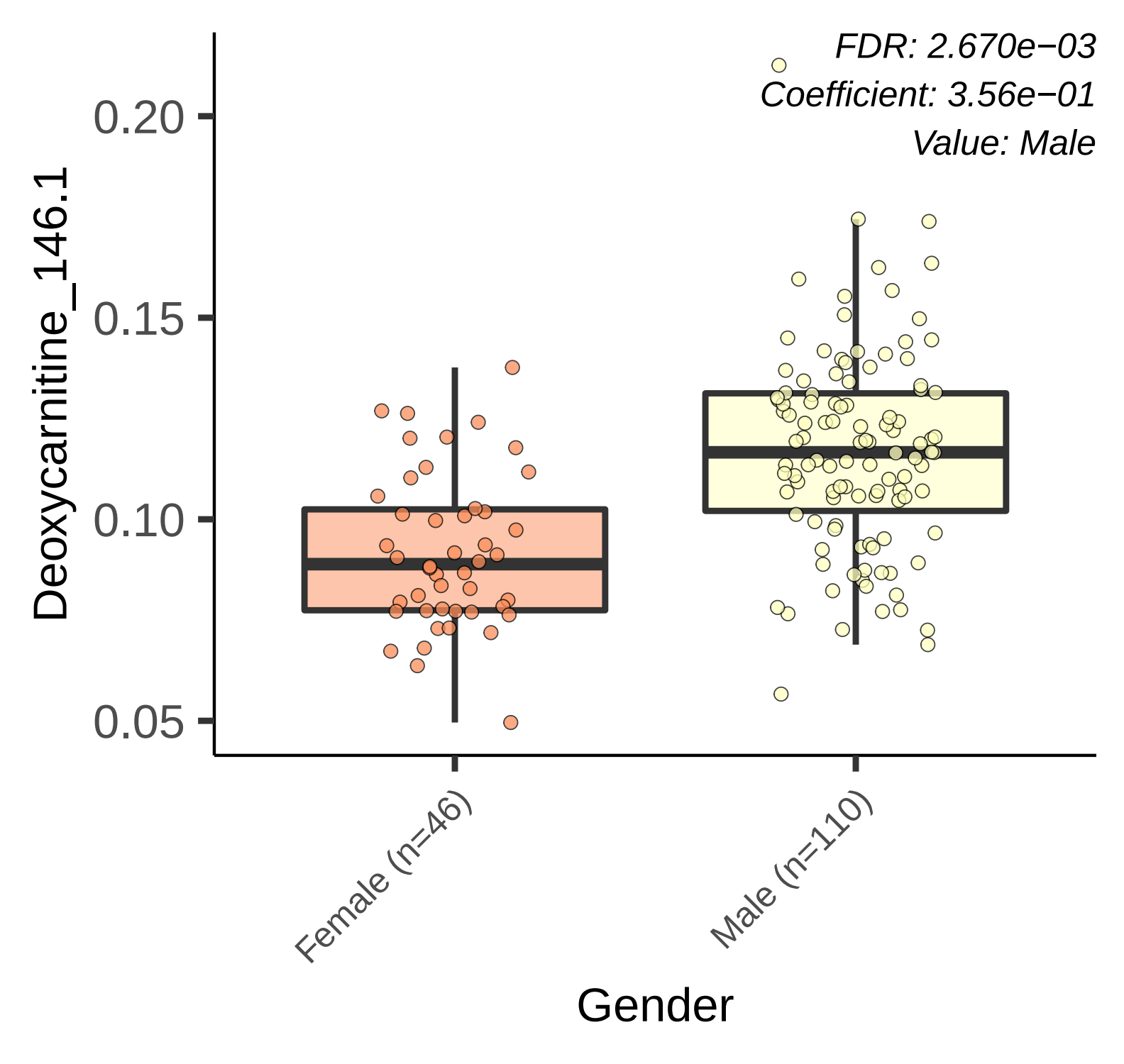

FDR: 2.780e−05
Coefficient: 3.21e−01
Value: Male
Proline_116.1
4
3
2
Female (n=46)
Male (n=110)
Gender

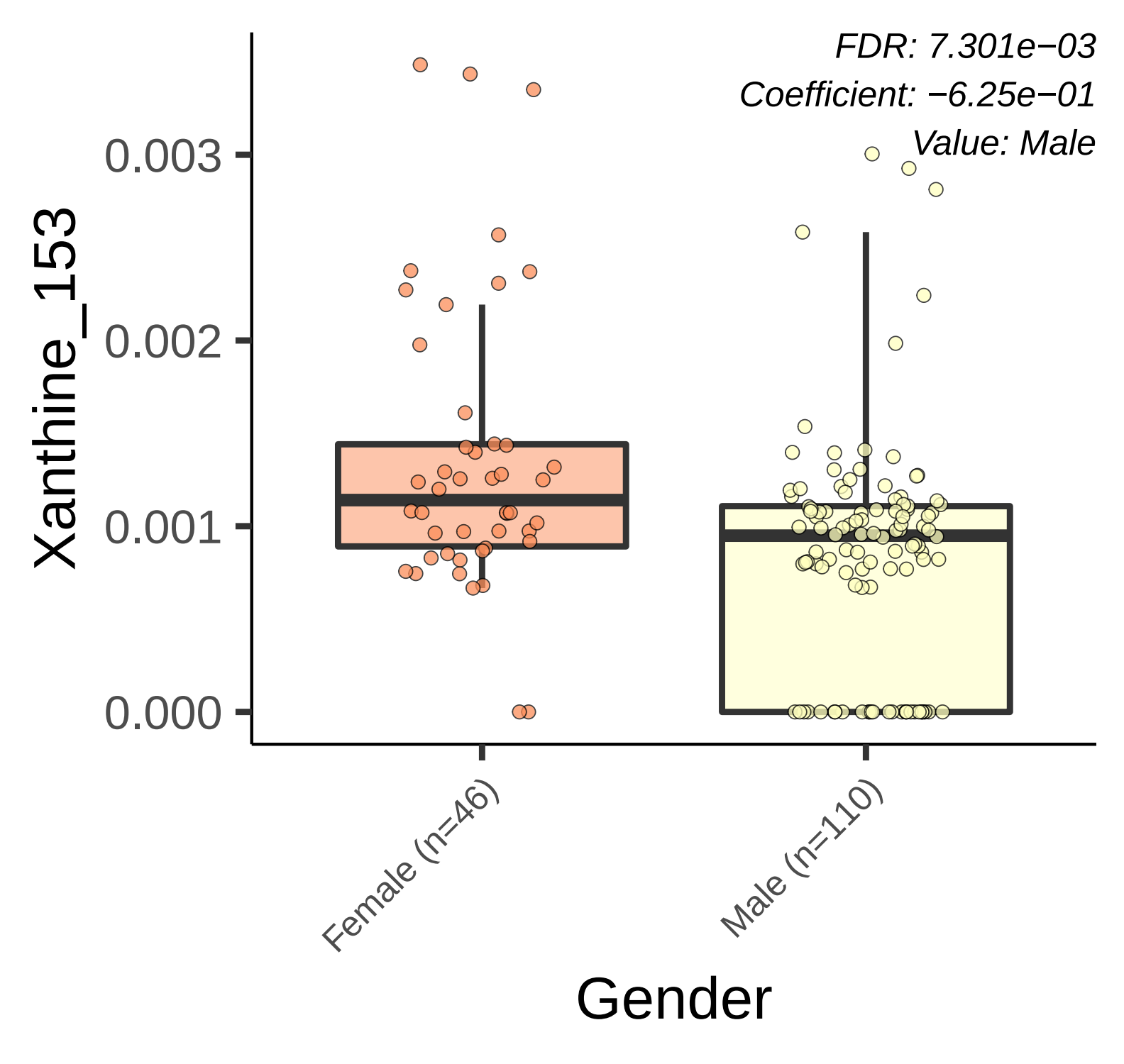

FDR: 1.461e−04
Coefficient: 3.04e−01
Value: Male
Norvaline_118.1
1.5
1.0
Female (n=46)
Male (n=110)
Gender

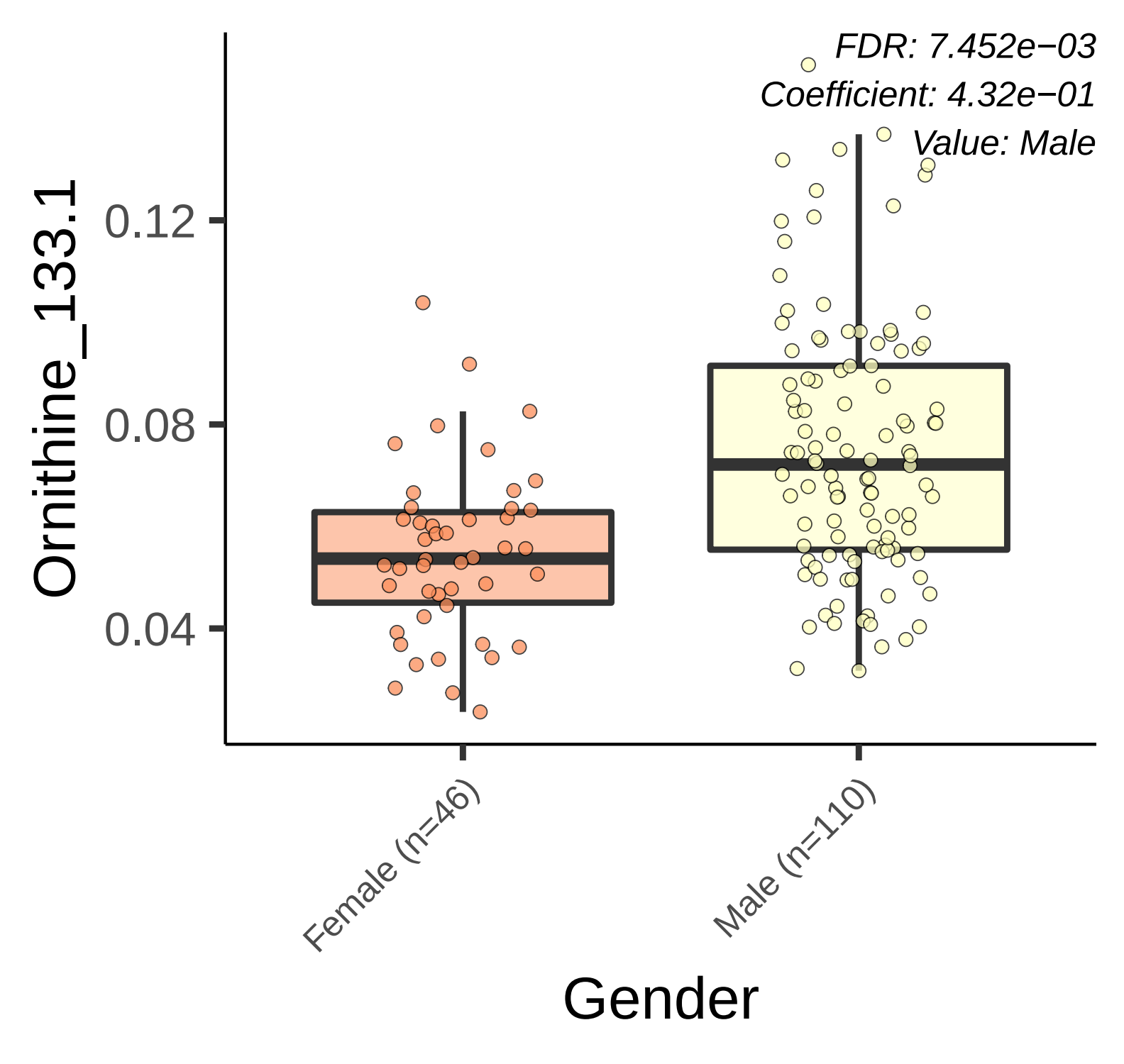

FDR: 2.700e−04
Coefficient: 2.75e−01
Value: Male
Valine_118.1
1.5
1.2
0.9
0.6
Female (n=46)
Male (n=110)
Gender

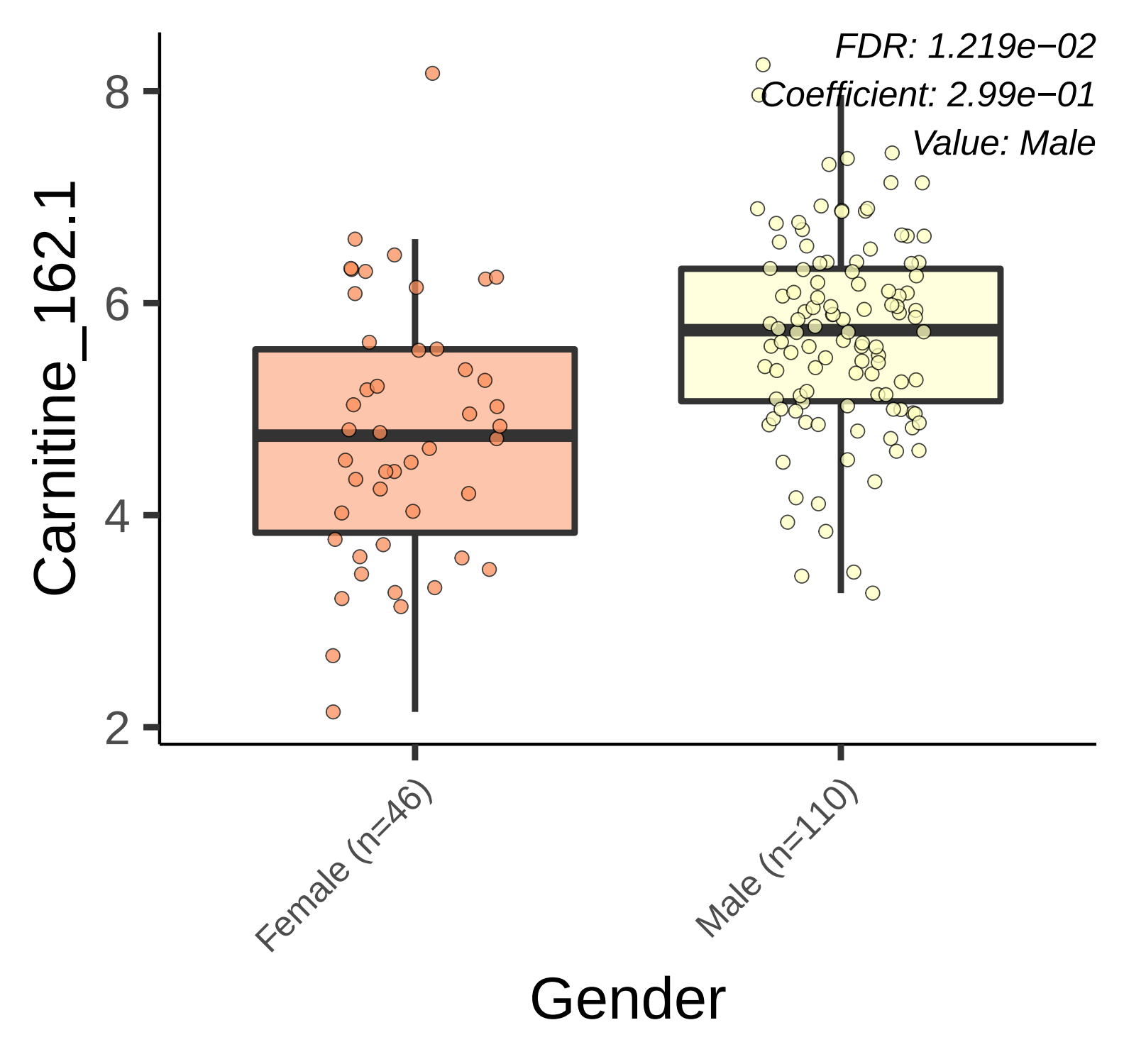

FDR: 1.627e−03
Coefficient: 5.34e−01
Value: Male
Propionyl.carnitine_218.1
0.15
0.10
0.05
Female (n=46)
Male (n=110)
Gender

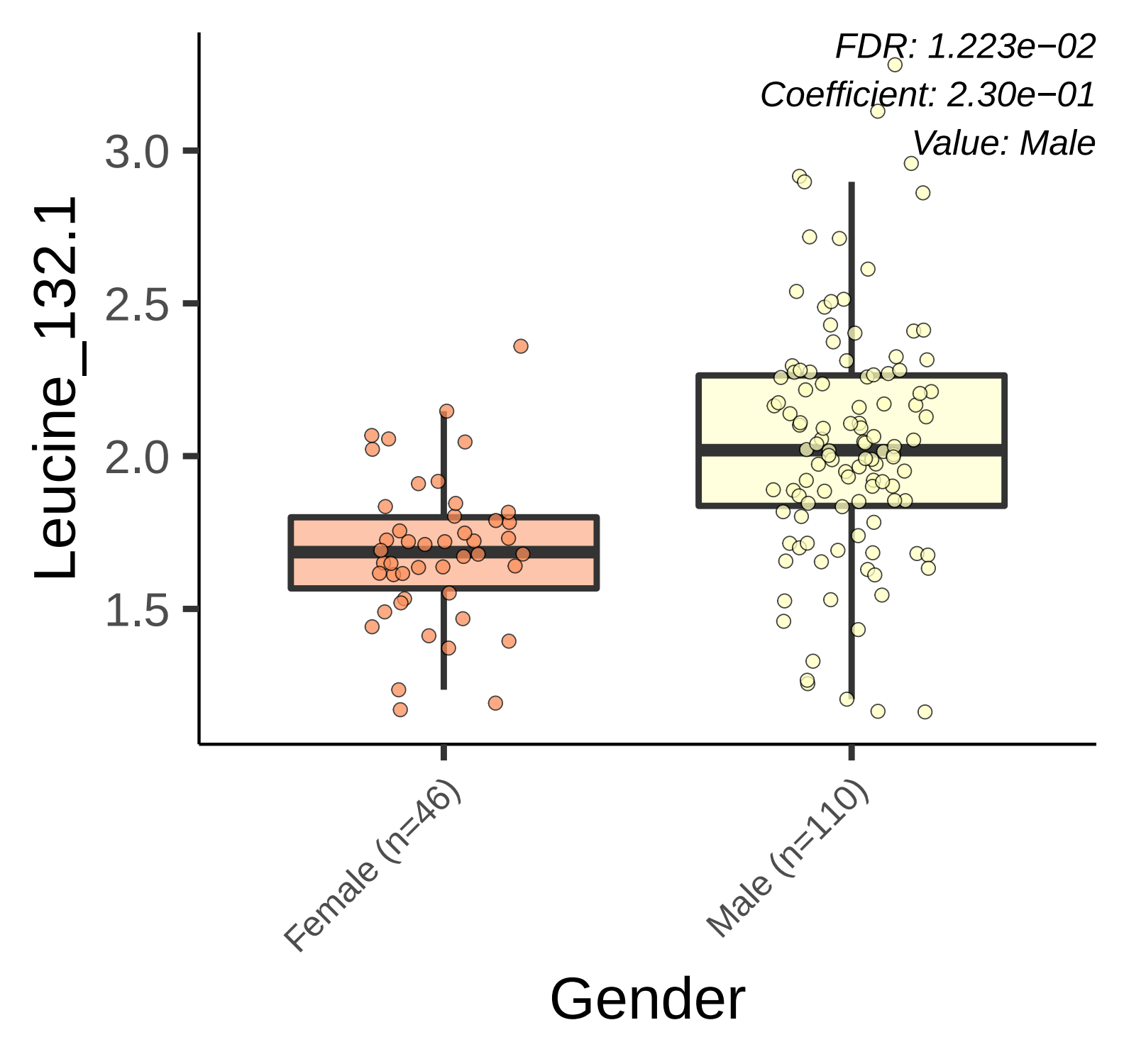

FDR: 1.983e−03
Coefficient: −5.47e−01
Value: Male
X3.Hydroxyoctanoic.acid_159.1
0.015
0.010
0.005
Female (n=46)
Male (n=110)
Gender

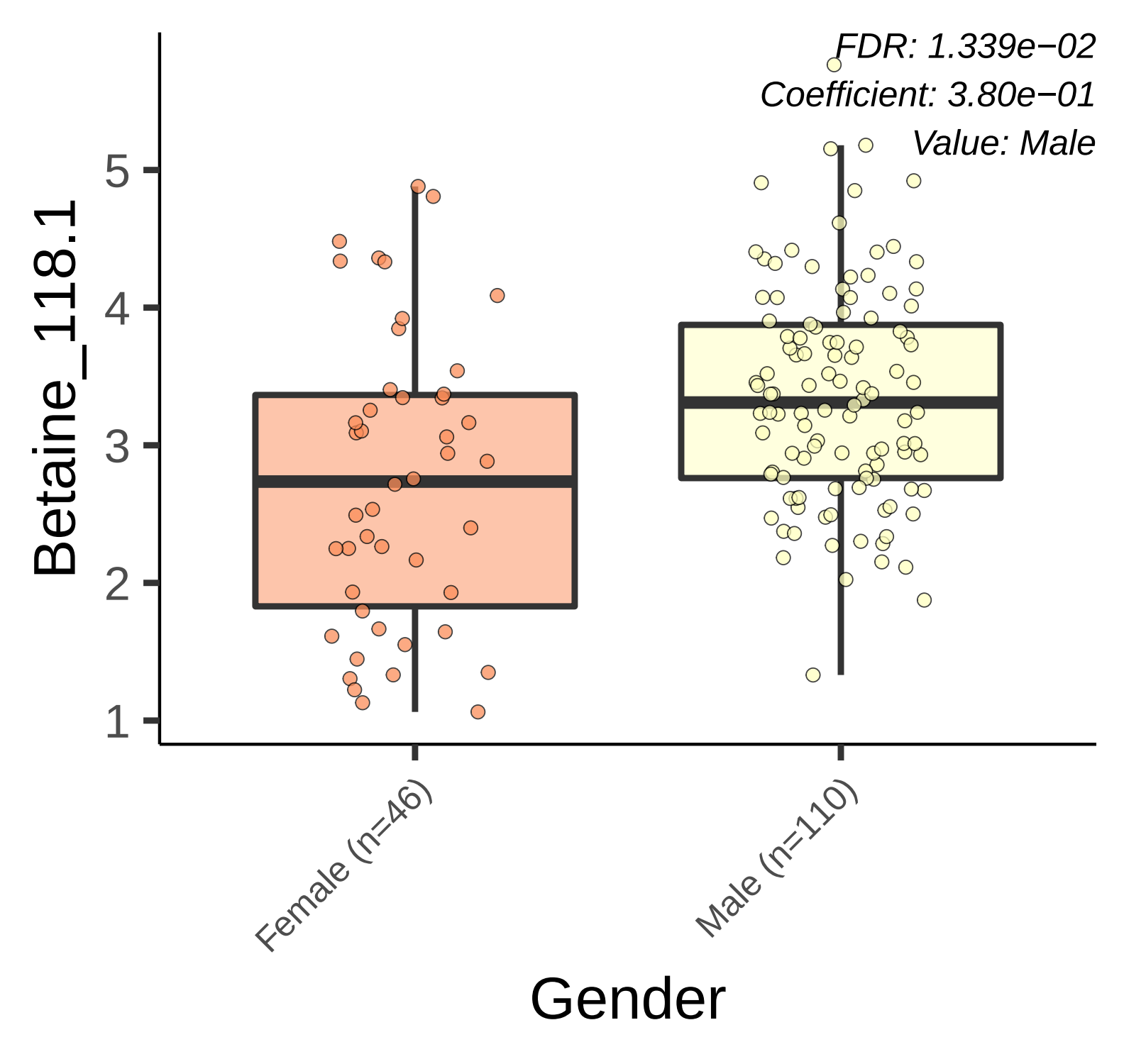

FDR: 2.670e−03
Coefficient: 3.56e−01
Value: Male
Deoxycarnitine_146.1
0.20
0.15
0.10
0.05
Female (n=46)
Male (n=110)
Gender

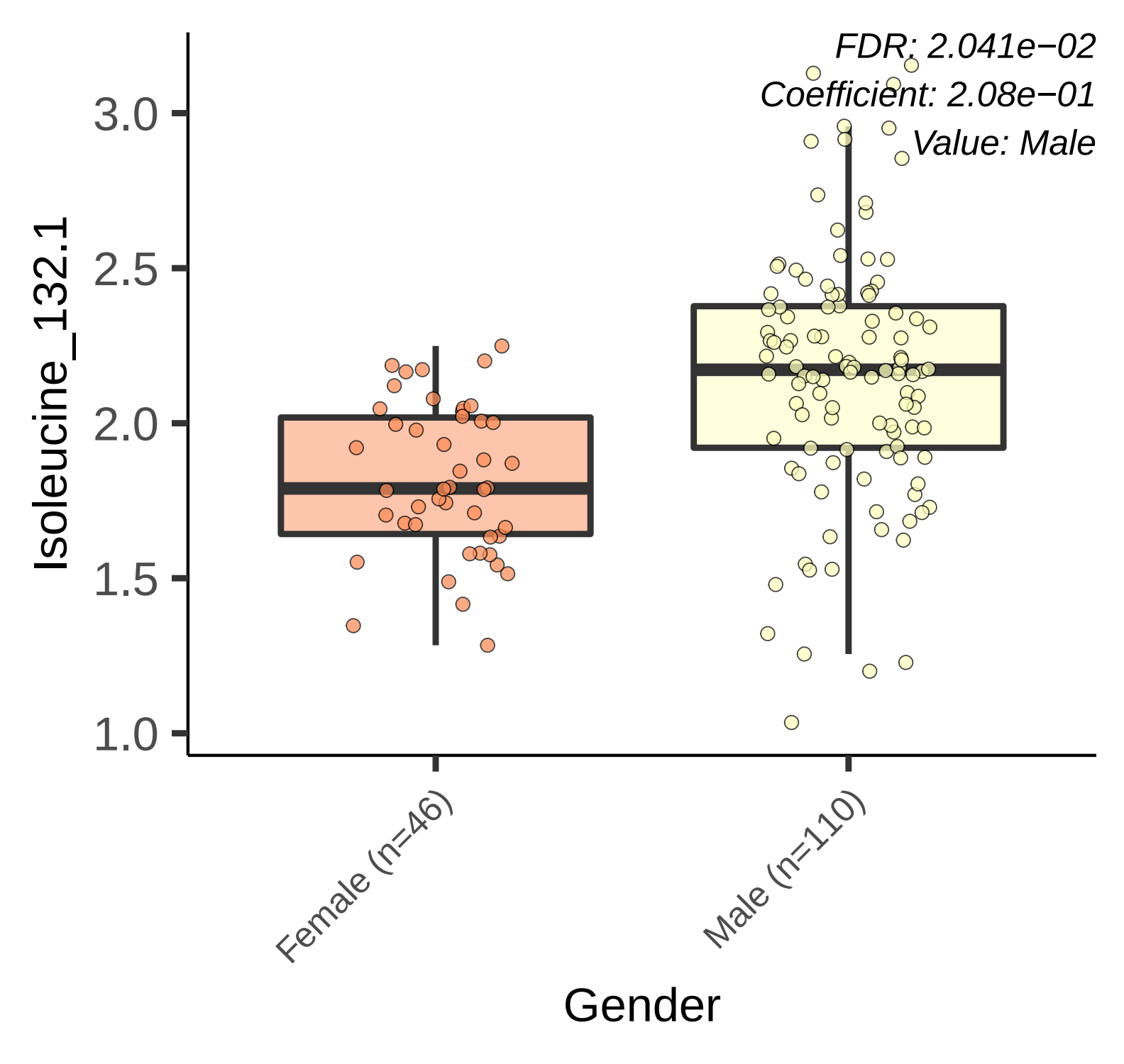

FDR: 7.301e−03
Coefficient: −6.25e−01
Value: Male
Xanthine_153
0.003
0.002
0.001
0.000
Female (n=46)
Male (n=110)
Gender

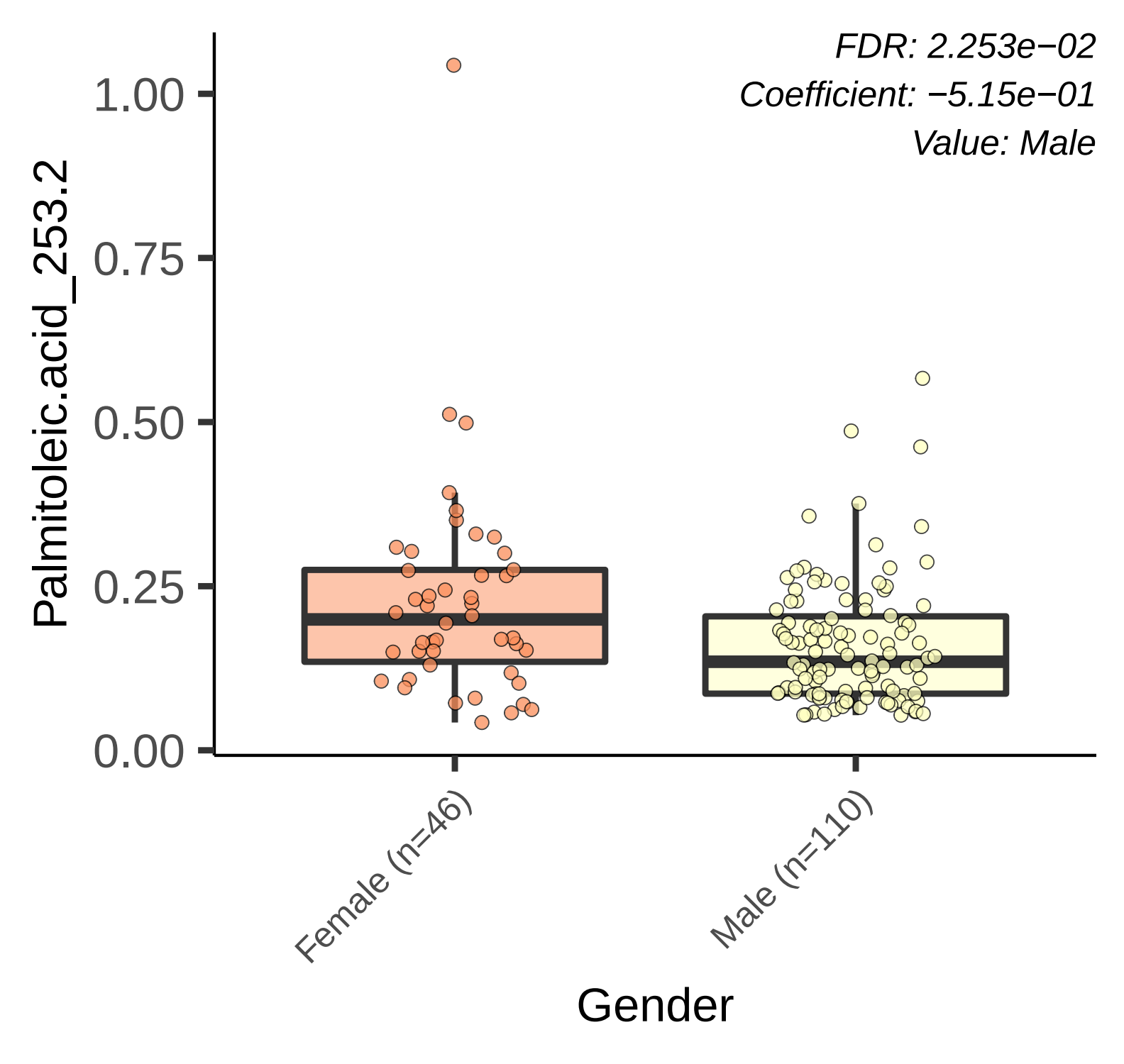

FDR: 7.452e−03
Coefficient: 4.32e−01
Value: Male
Ornithine_133.1
0.12
0.08
0.04
Female (n=46)
Male (n=110)
Gender

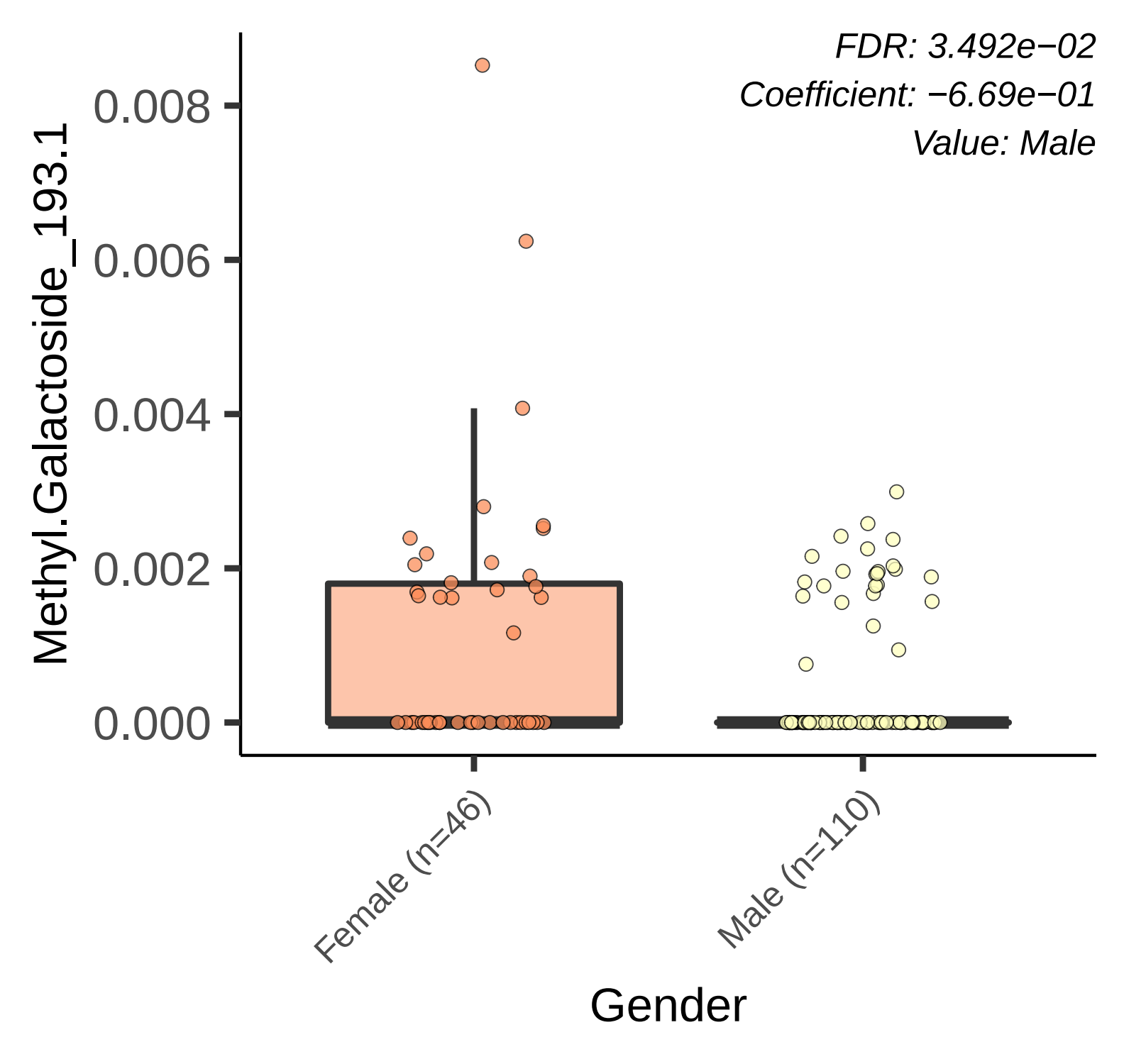

FDR: 1.219e−02
Coefficient: 2.99e−01
Value: Male
Carnitine_162.1
8
6
4
2
Female (n=46)
Male (n=110)
Gender

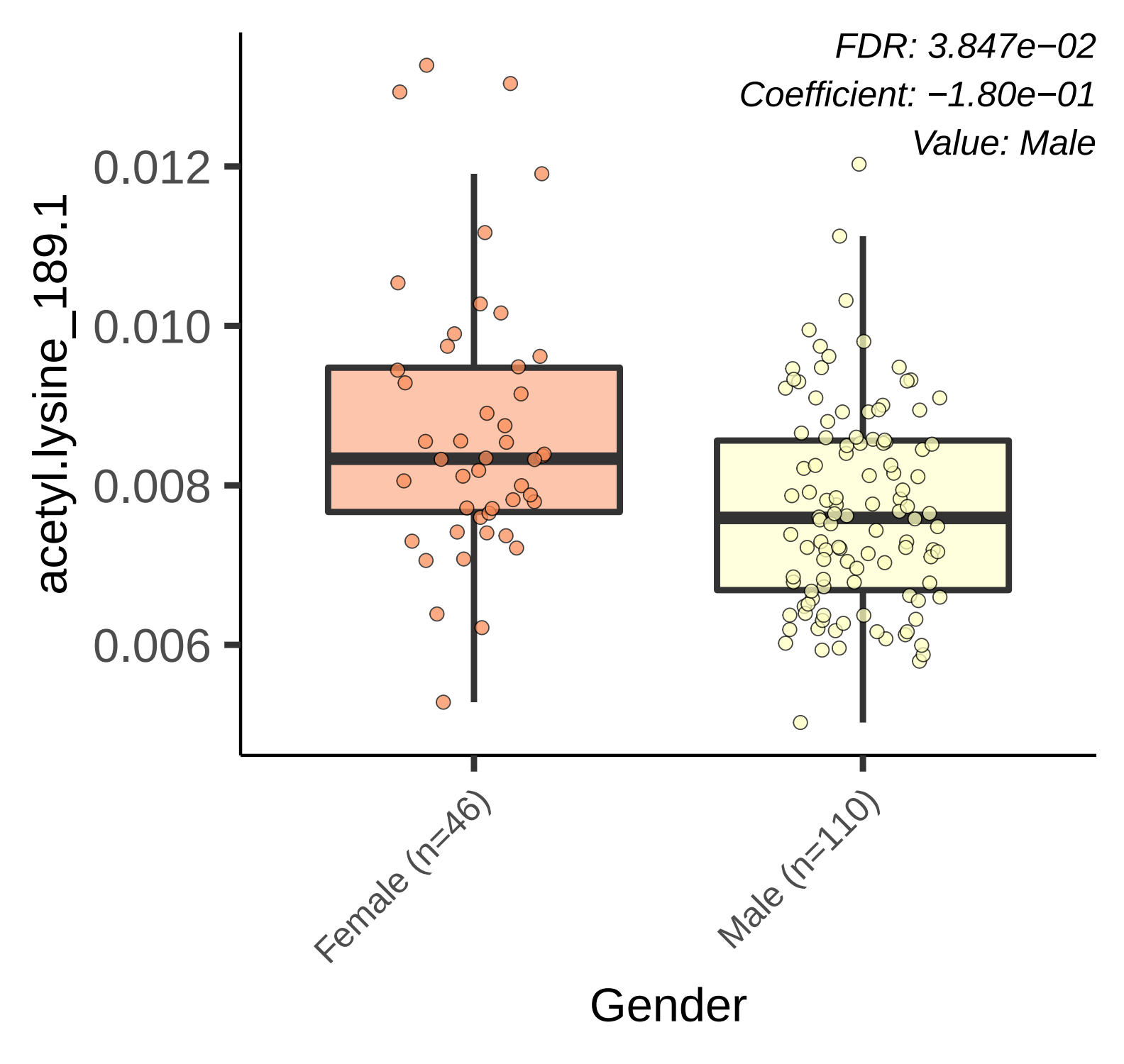

FDR: 1.223e−02
Coefficient: 2.30e−01
Value: Male
Leucine_132.1
3.0
2.5
2.0
1.5
Female (n=46)
Male (n=110)
Gender

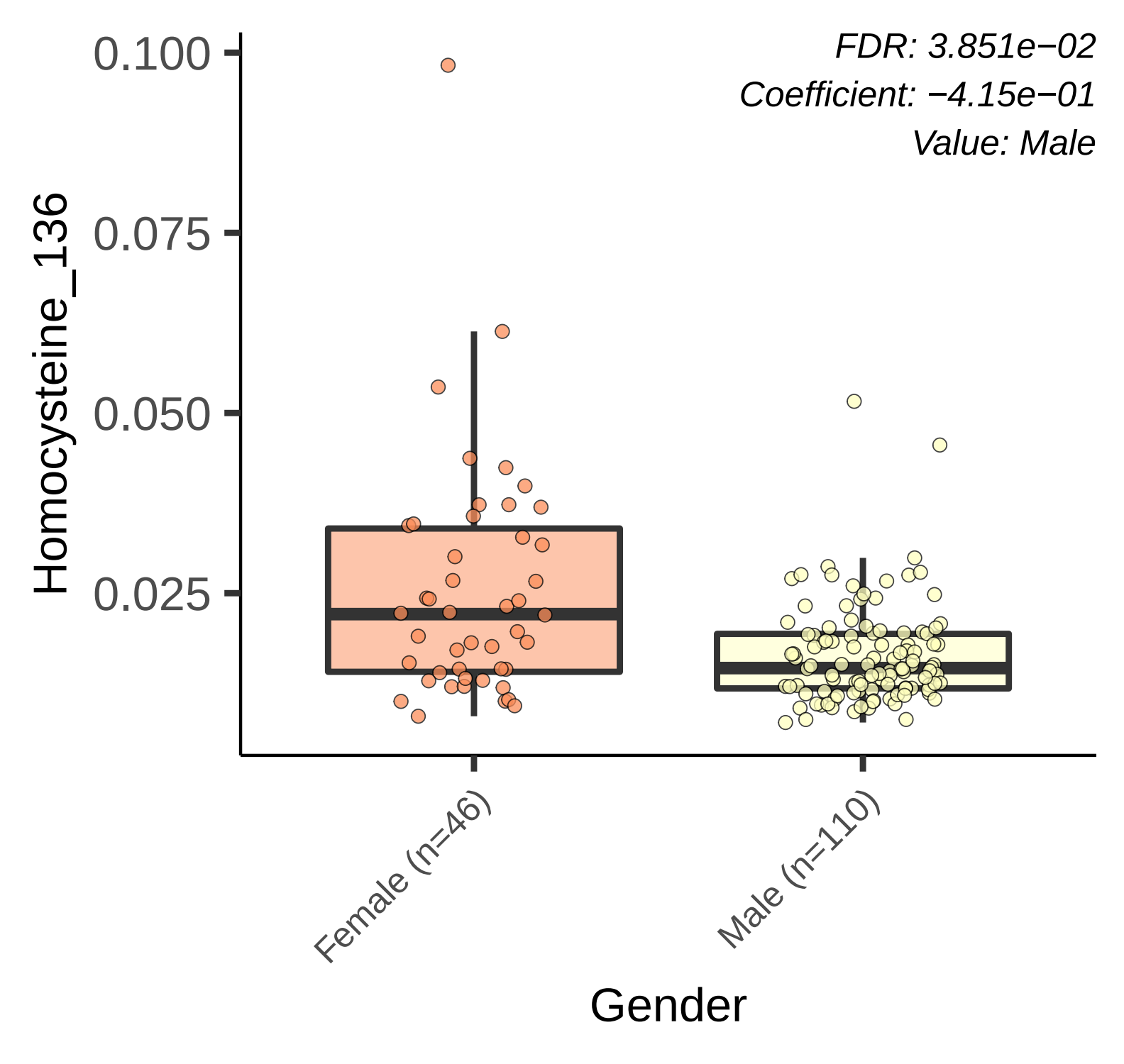

FDR: 1.339e−02
Coefficient: 3.80e−01
Value: Male
Betaine_118.1
5
4
3
2
1
Female (n=46)
Male (n=110)
Gender

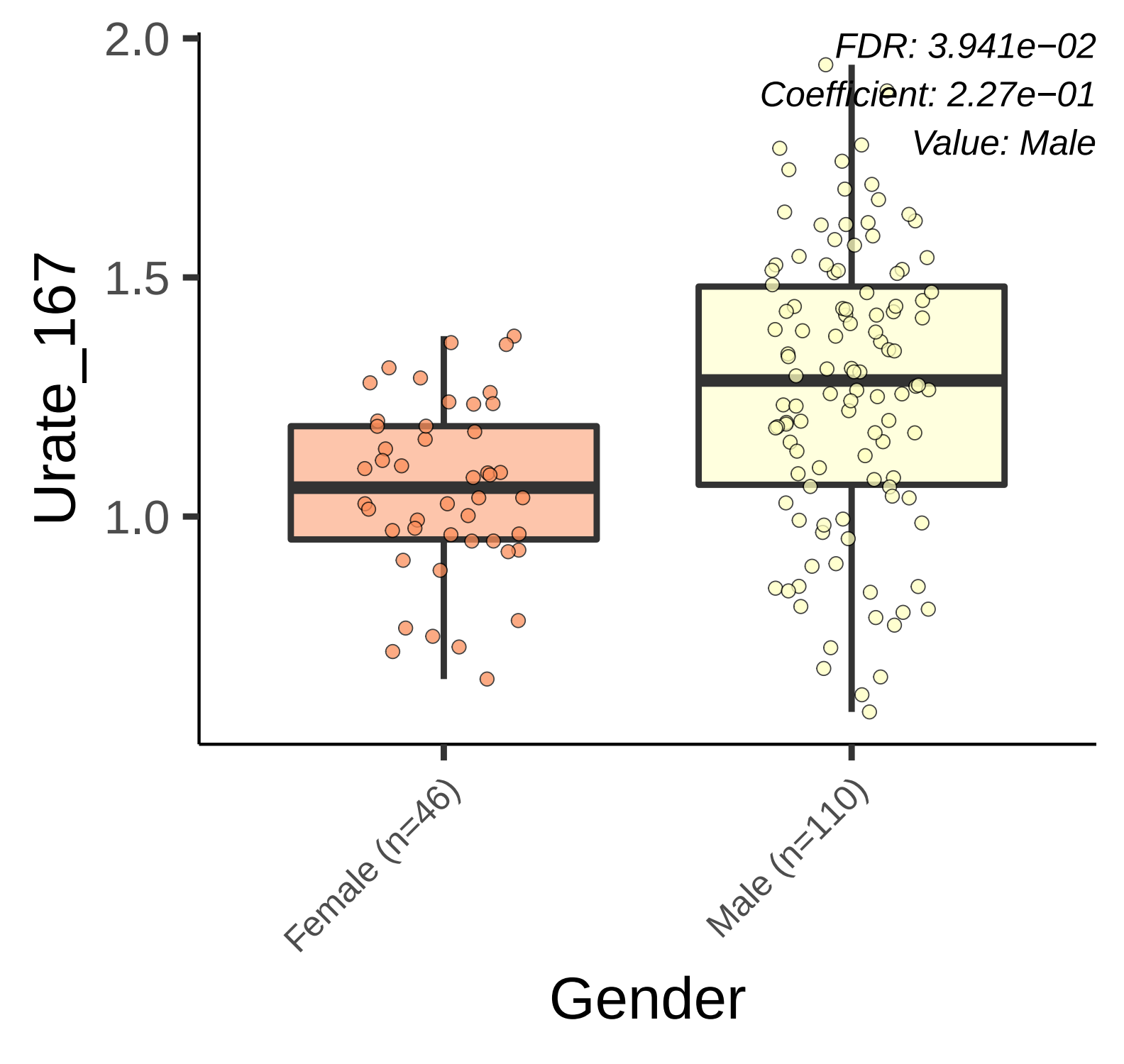

FDR: 2.041e−02
Coefficient: 2.08e−01
Value: Male
Isoleucine_132.1
3.0
2.5
2.0
1.5
1.0
Female (n=46)
Male (n=110)
Gender

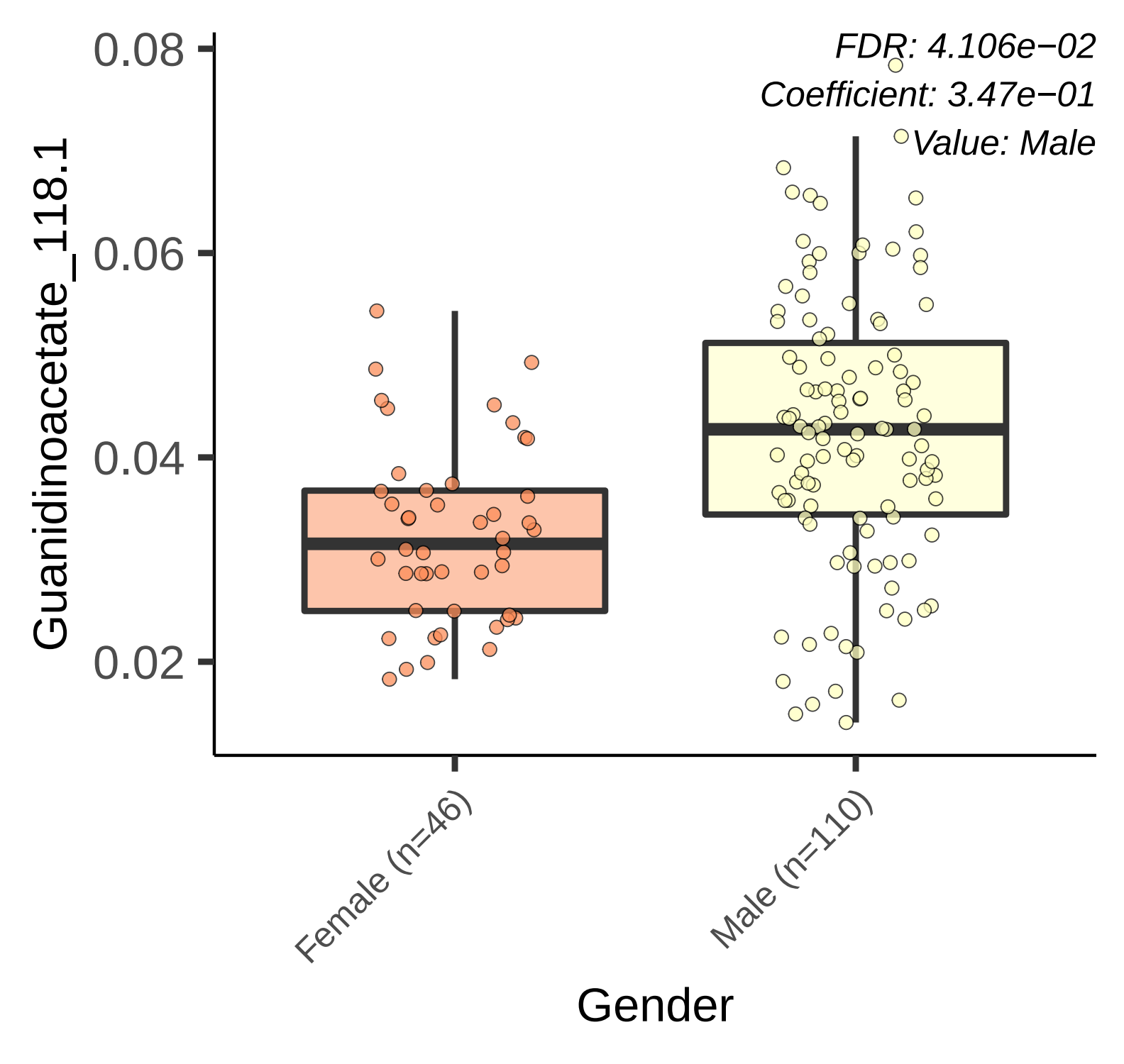

FDR: 2.253e−02
Coefficient: −5.15e−01
Value: Male
Palmitoleic.acid_253.2
1.00
0.75
0.50
0.25
0.00
Female (n=46)
Male (n=110)
Gender

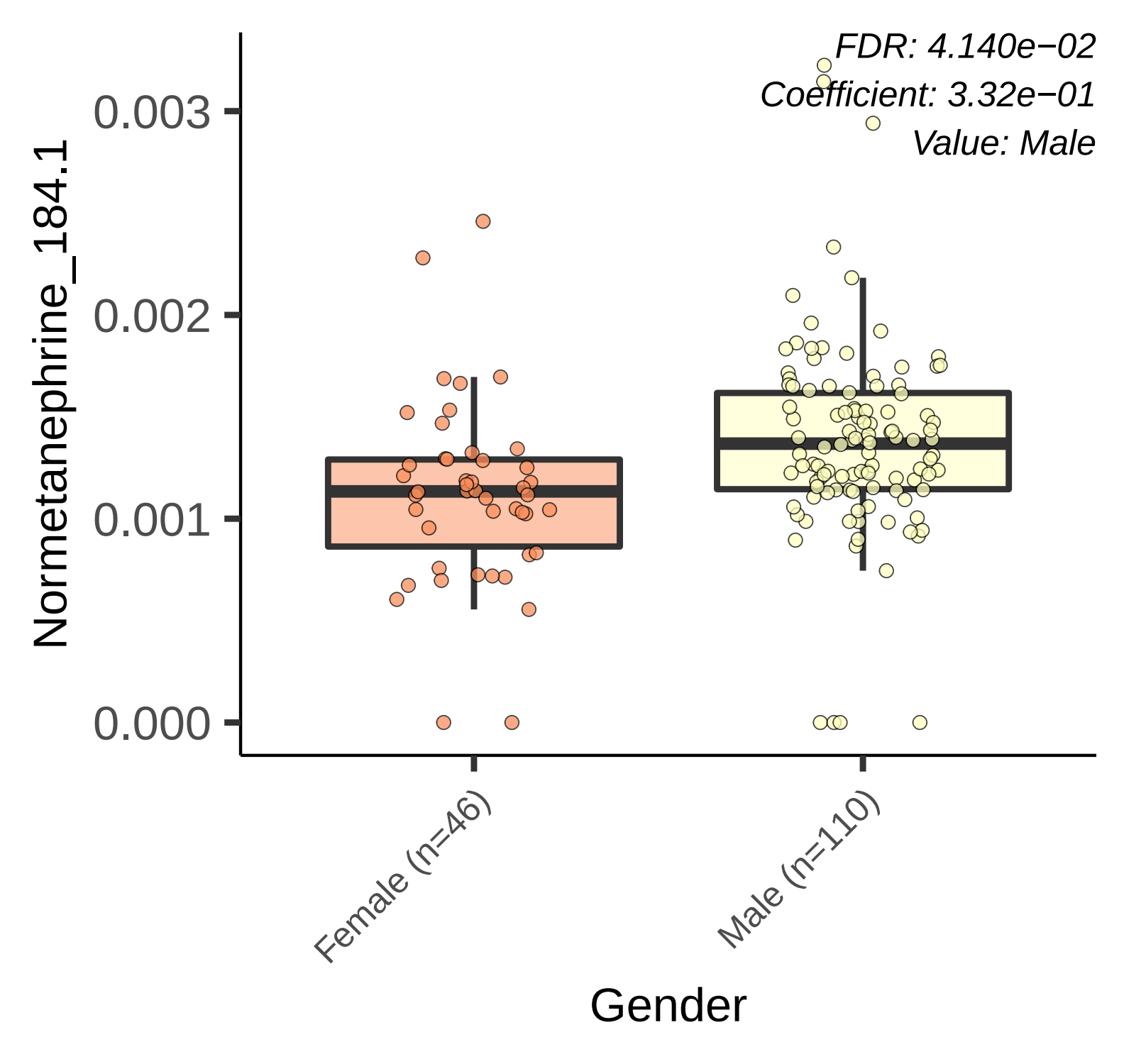

FDR: 3.492e−02
Coefficient: −6.69e−01
Value: Male
Methyl.Galactoside_193.1
0.008
0.006
0.004
0.002
0.000
Female (n=46)
Male (n=110)
Gender

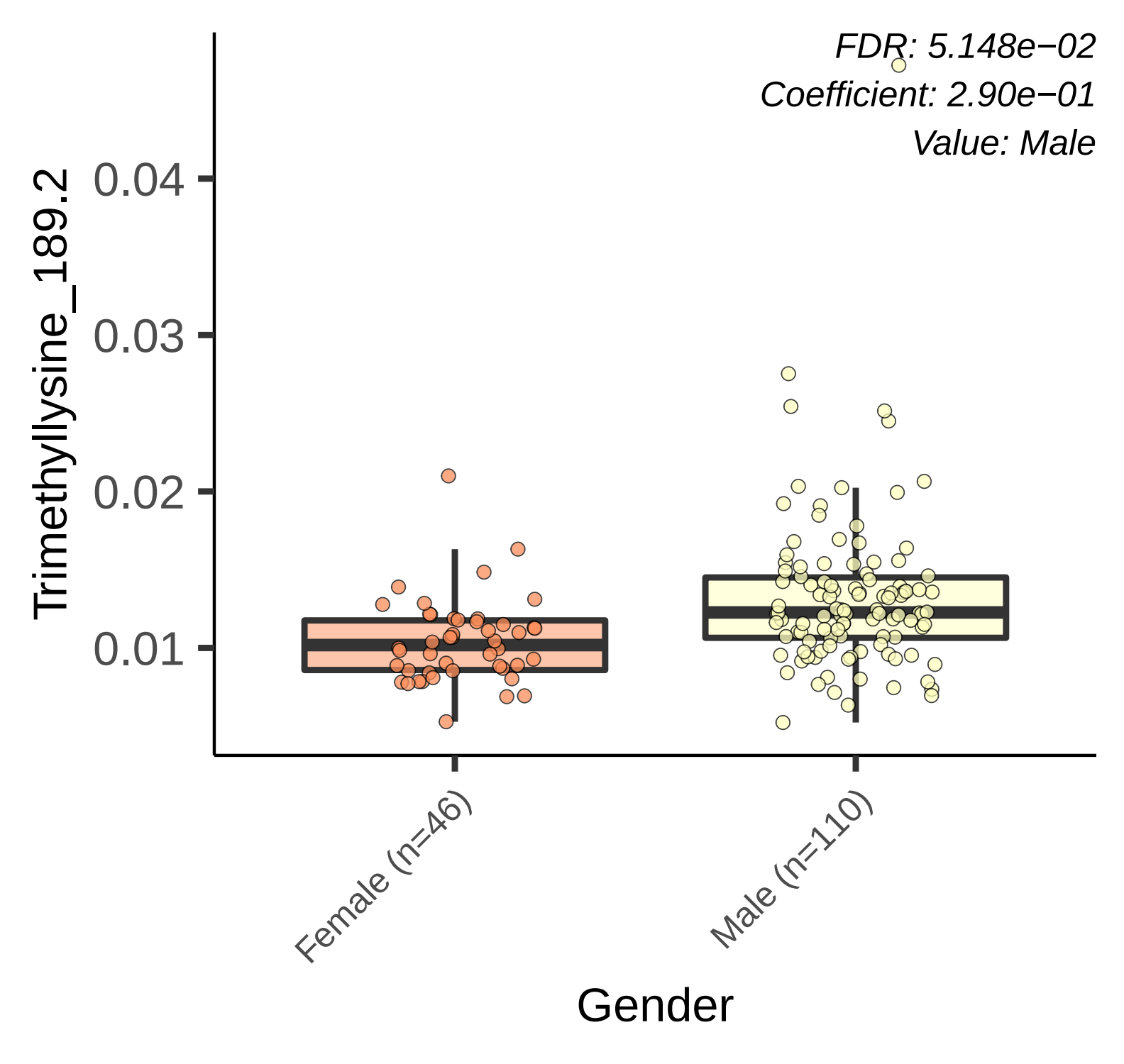

FDR: 3.847e−02
Coefficient: −1.80e−01
Value: Male
acetyl.lysine_189.1
0.012
0.010
0.008
0.006
Female (n=46)
Male (n=110)
Gender

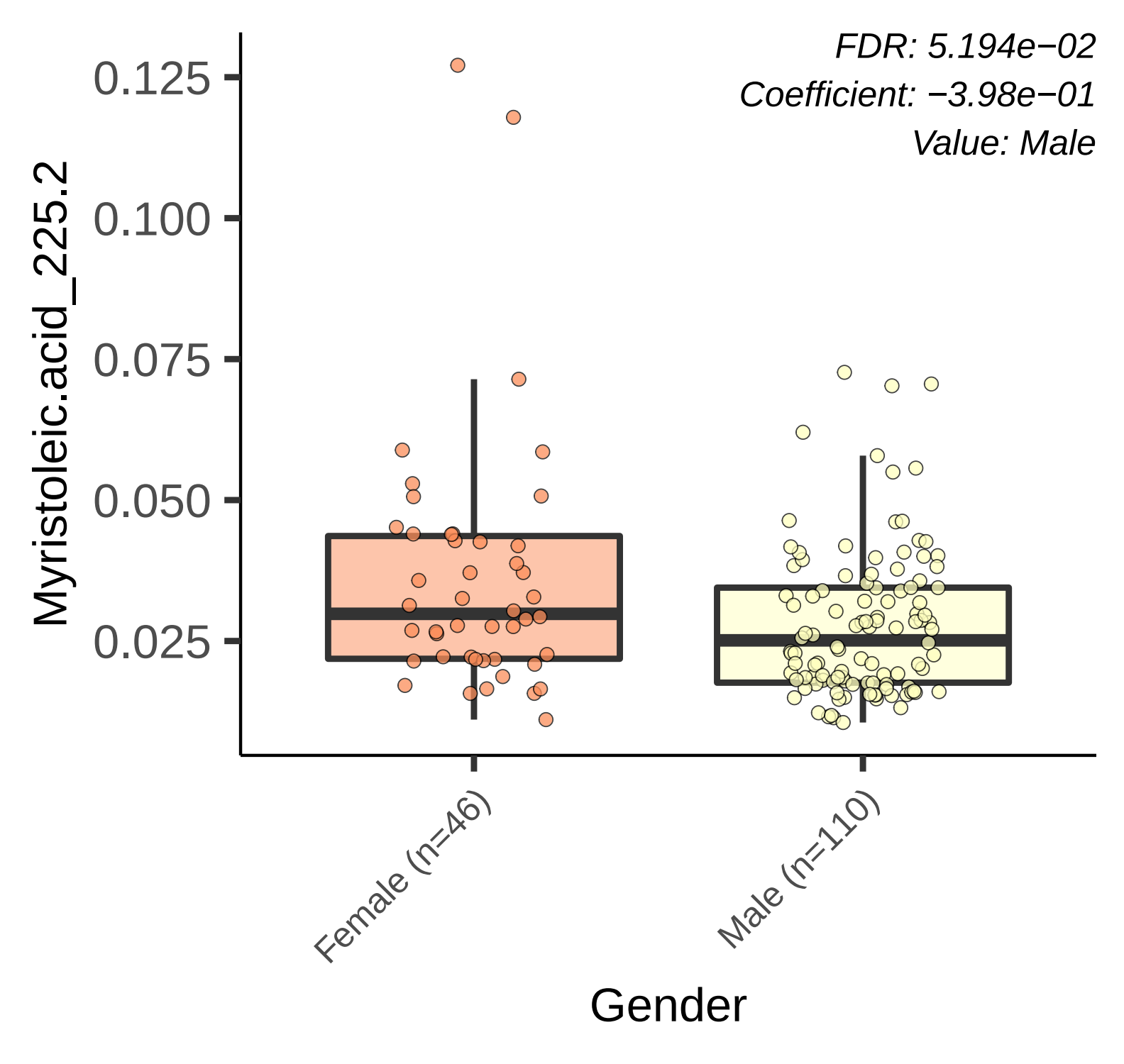

FDR: 3.851e−02
Coefficient: −4.15e−01
Value: Male
Homocysteine_136
0.100
0.075
0.050
0.025
Female (n=46)
Male (n=110)
Gender

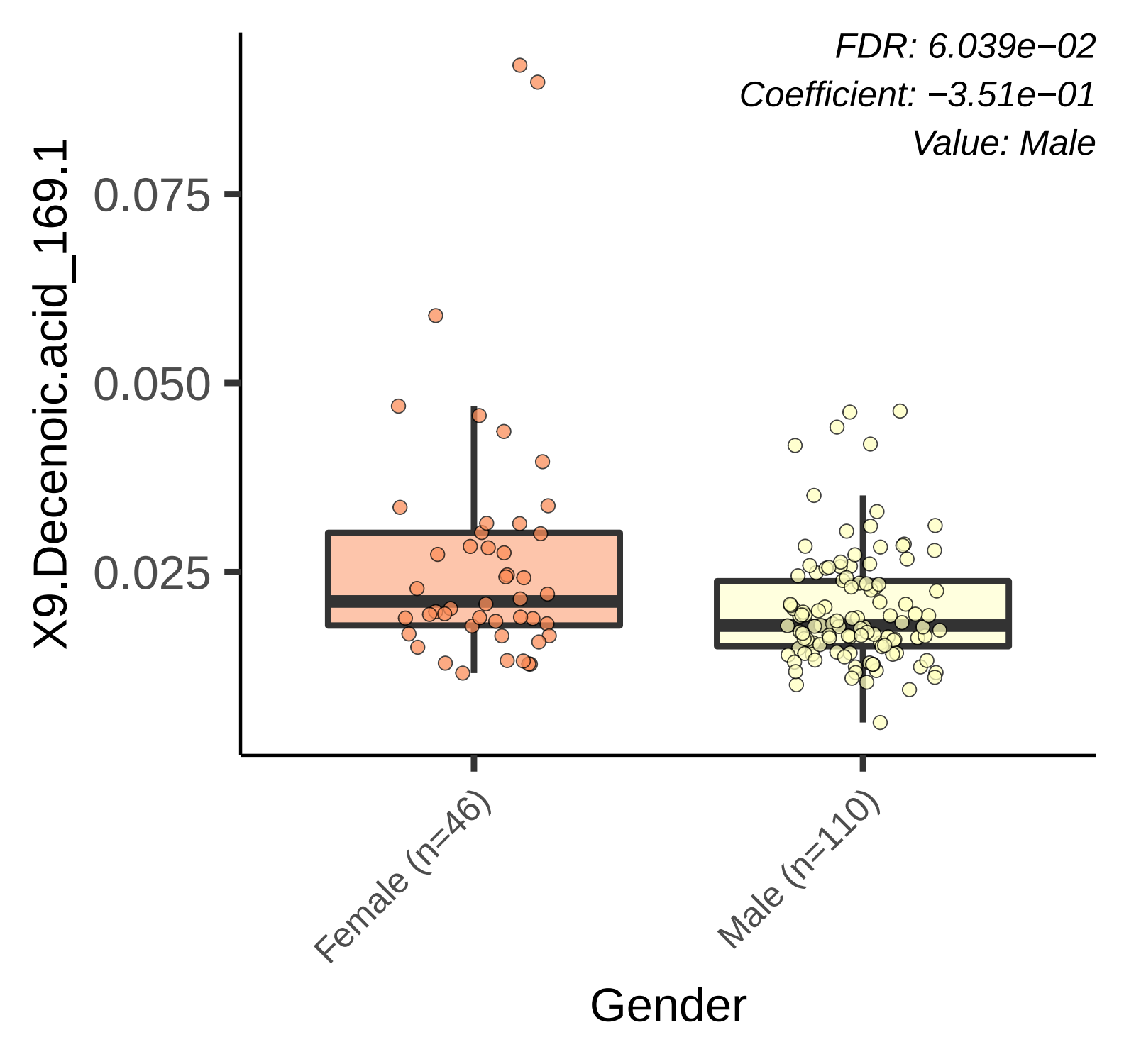

FDR: 3.941e−02
Coefficient: 2.27e−01
Value: Male
2.0
1.5
1.0
Urate_167
Female (n=46)
Male (n=110)
Gender

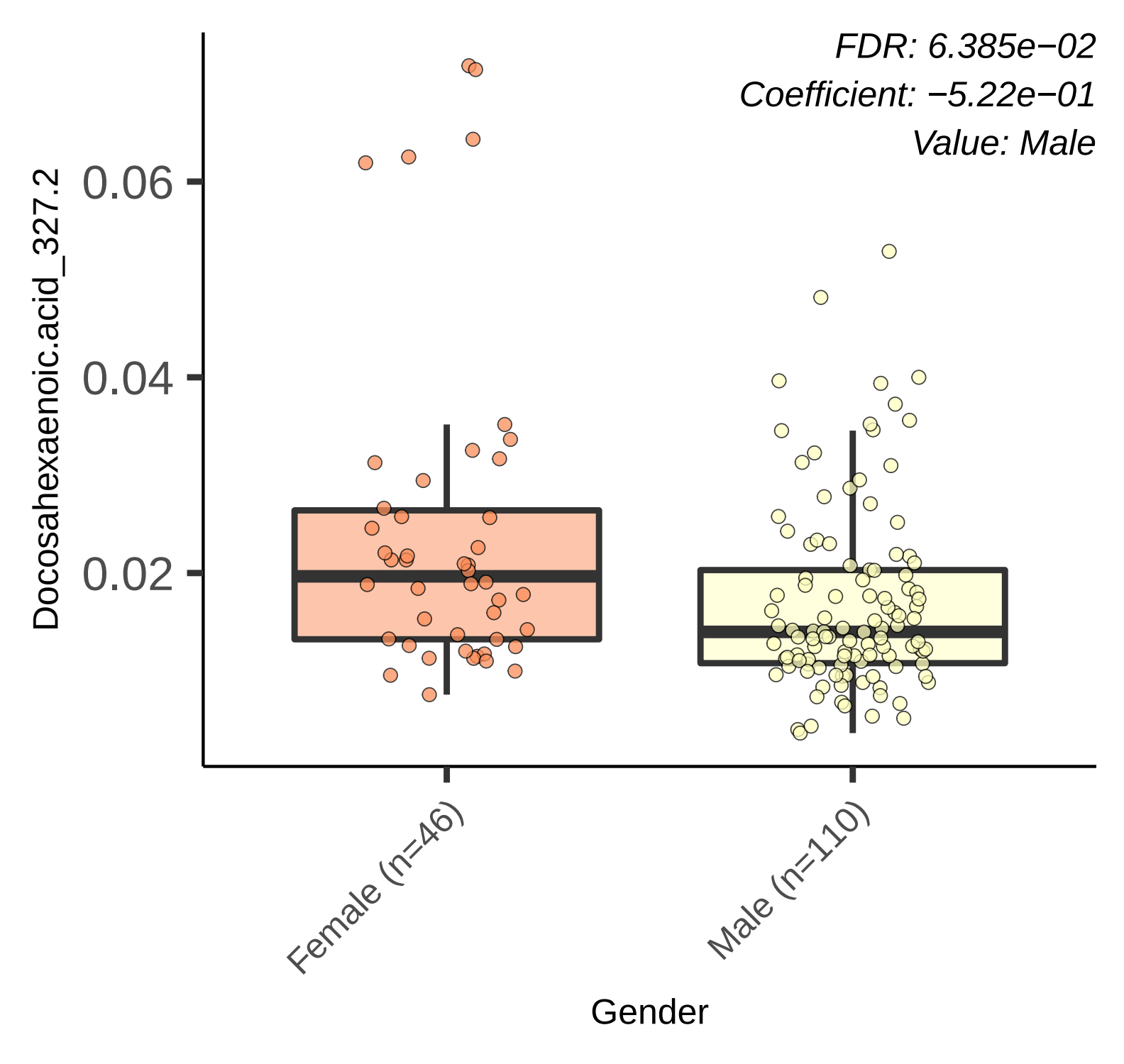

FDR: 4.106e−02
Coefficient: 3.47e−01
Value: Male
Guanidinoacetate_118.1
0.08
0.06
0.04
0.02
Female (n=46)
Male (n=110)
Gender

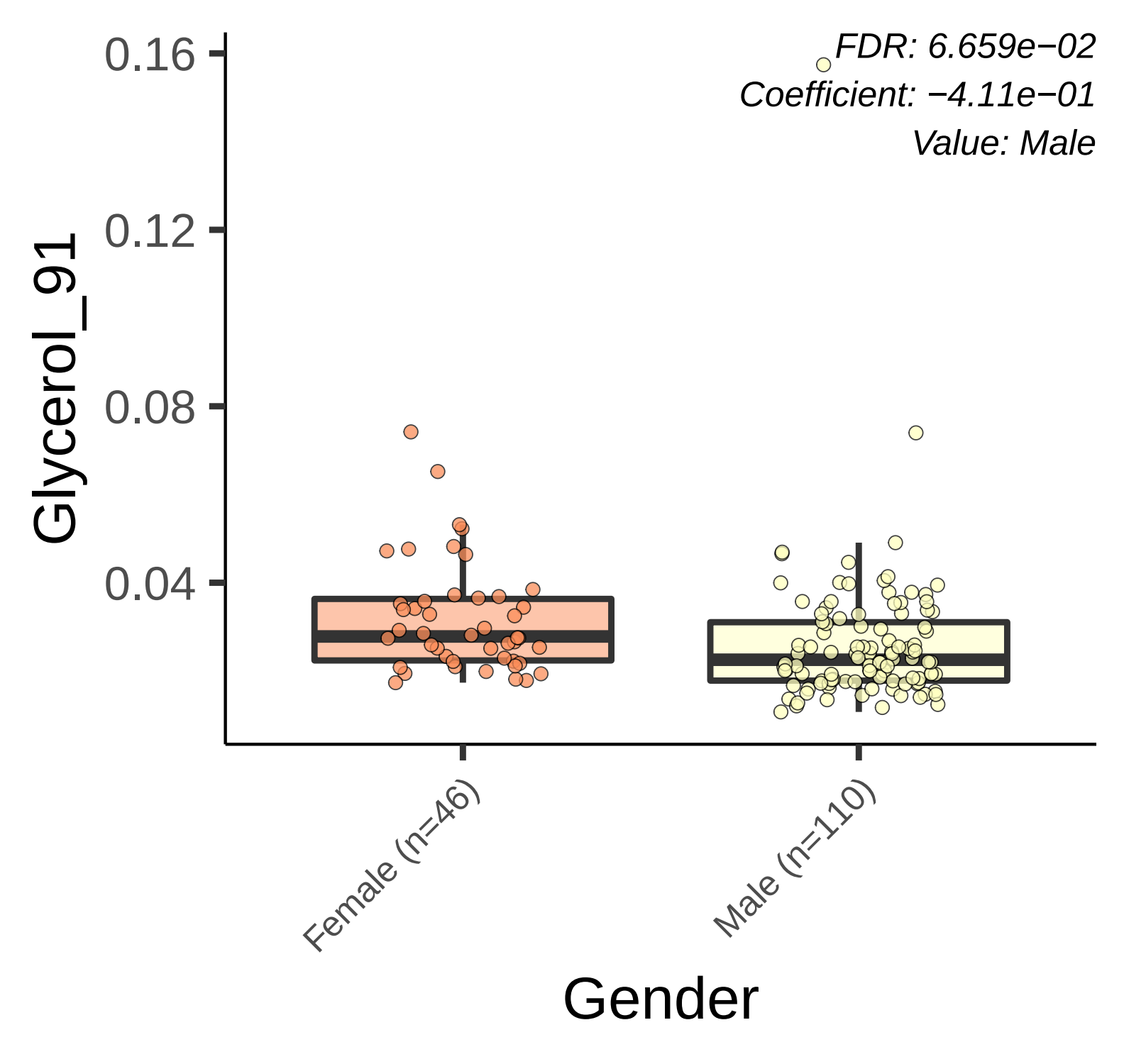

FDR: 4.140e−02
Coefficient: 3.32e−01
Value: Male
Normetanephrine_184.1
0.003
0.002
0.001
0.000
Female (n=46)
Male (n=110)
Gender

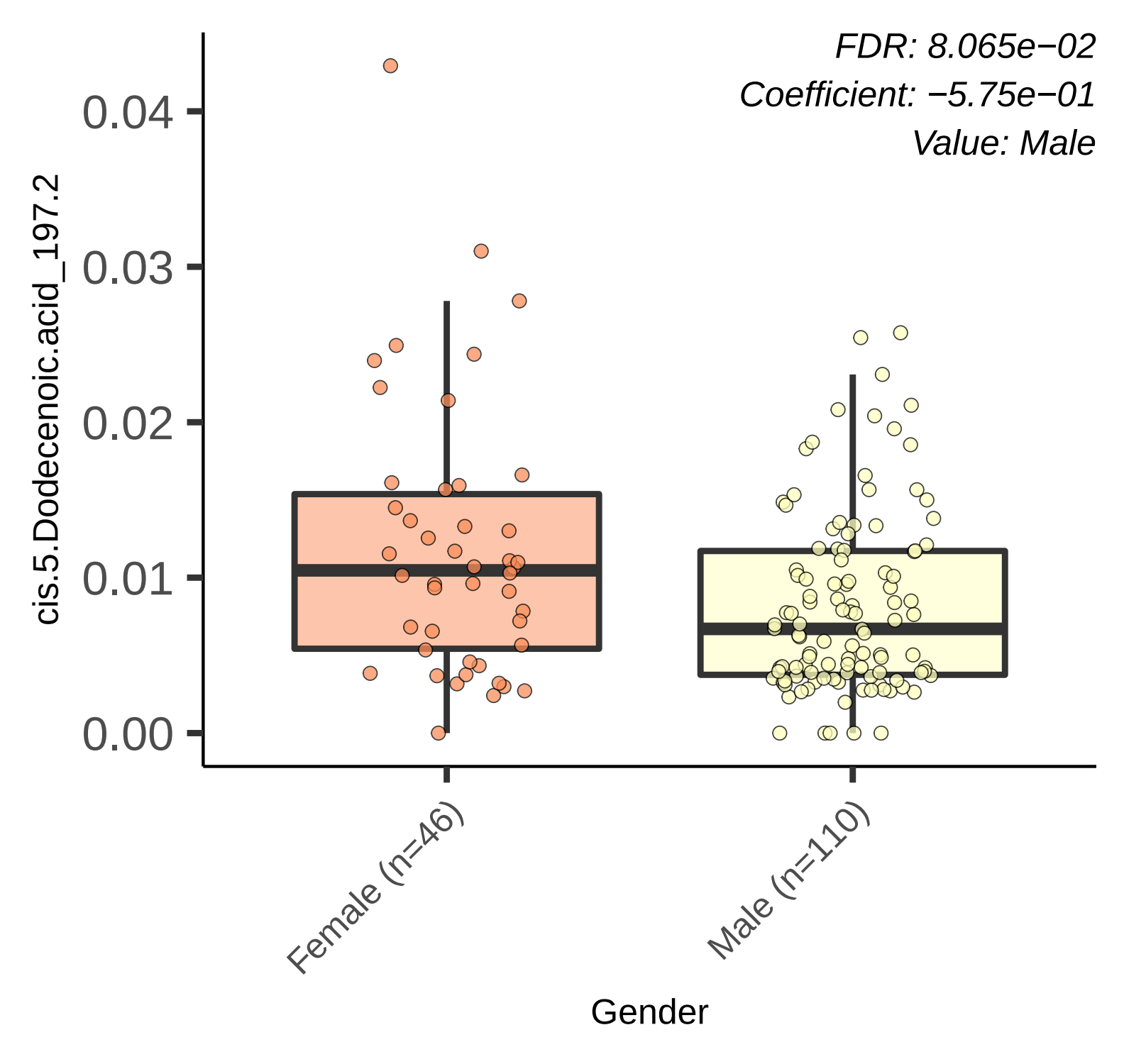

FDR: 5.148e−02
Coefficient: 2.90e−01
Value: Male
Trimethyllysine_189.2
0.04
0.03
0.02
0.01
Female (n=46)
Male (n=110)
Gender

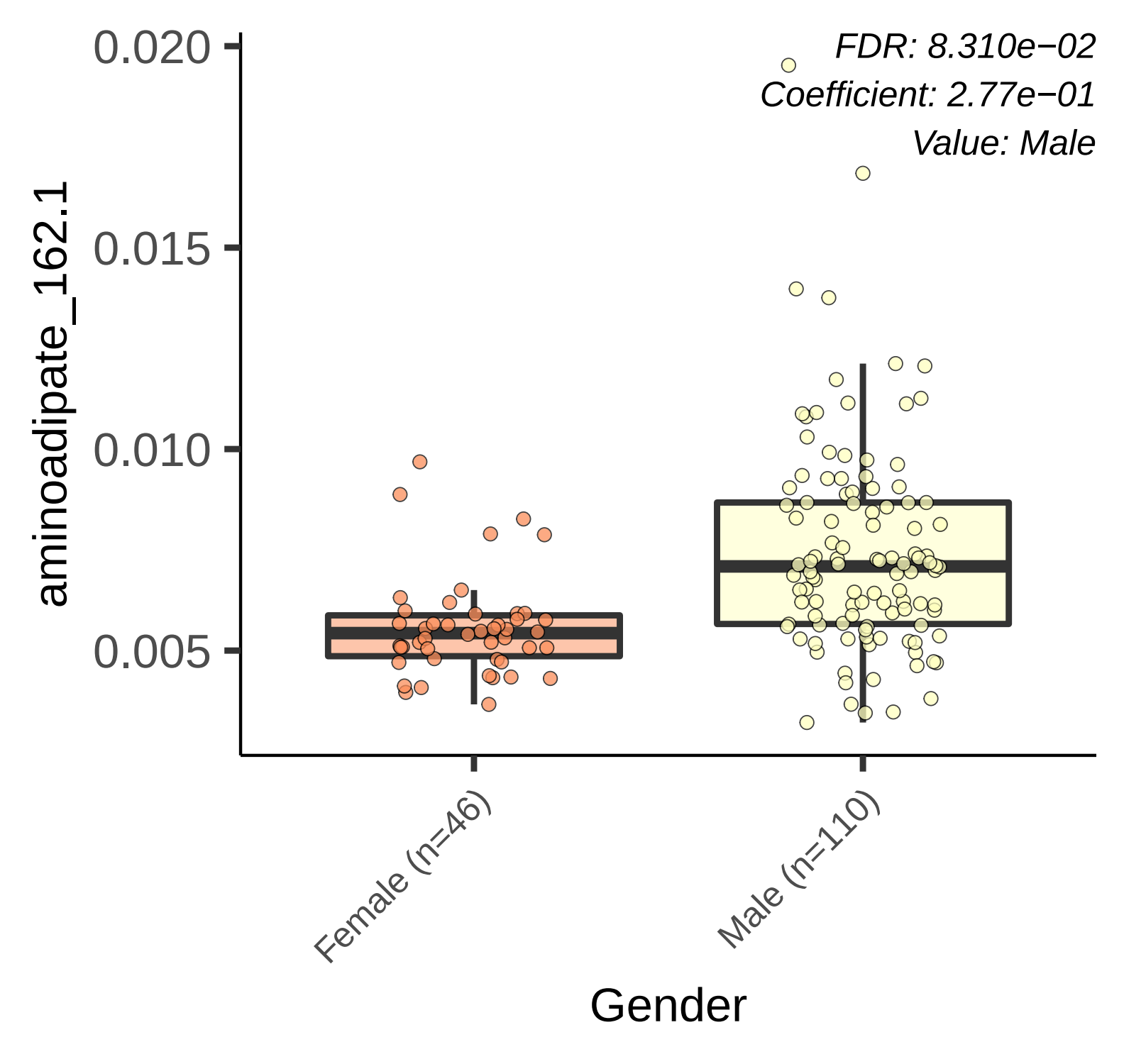

FDR: 5.194e−02
Coefficient: −3.98e−01
Value: Male
Myristoleic.acid_225.2
0.125
0.100
0.075
0.050
0.025
Female (n=46)
Male (n=110)
Gender

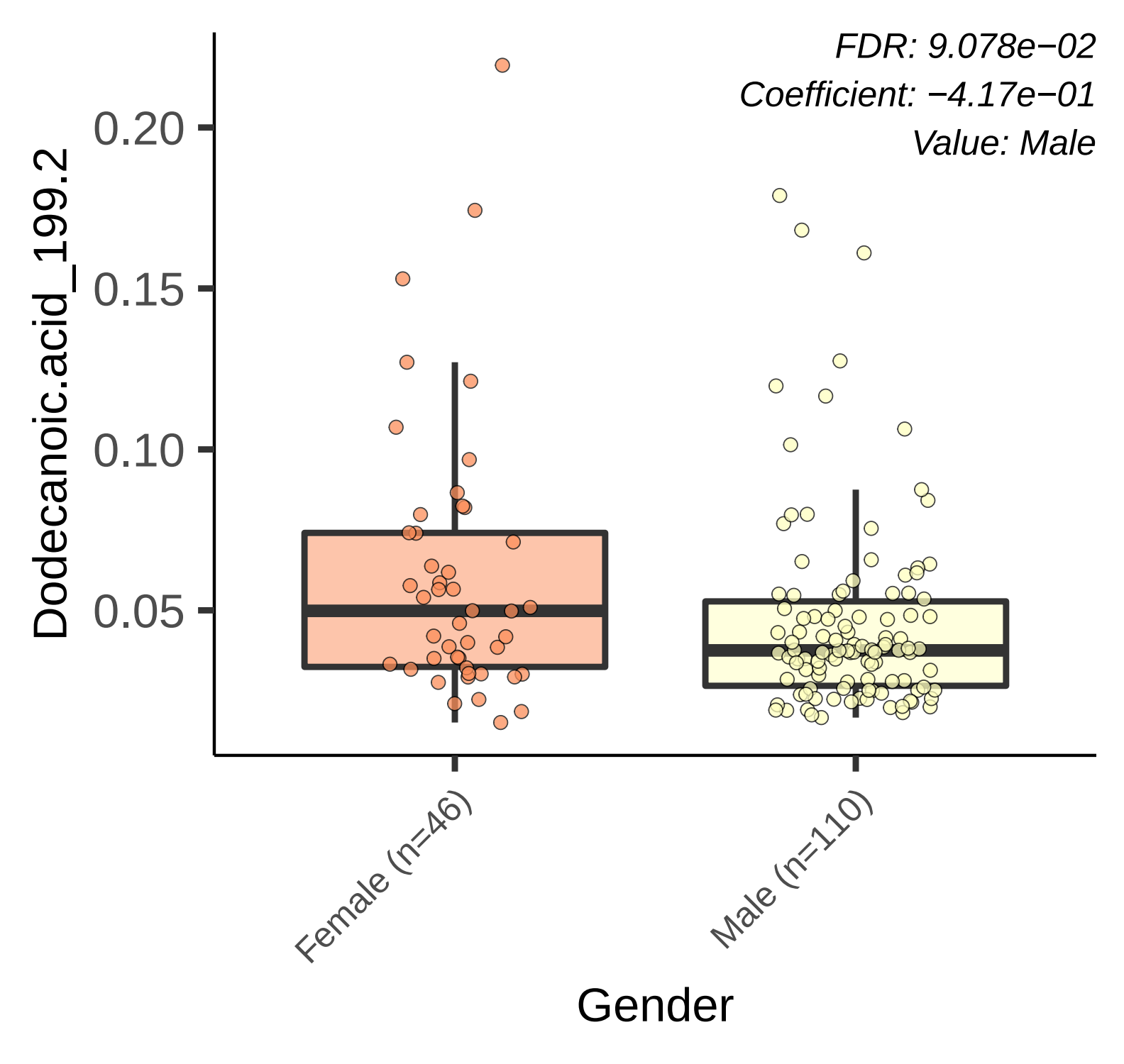

FDR: 6.039e−02
Coefficient: −3.51e−01
Value: Male
X9.Decenoic.acid_169.1
0.075
0.050
0.025
Female (n=46)
Male (n=110)
Gender

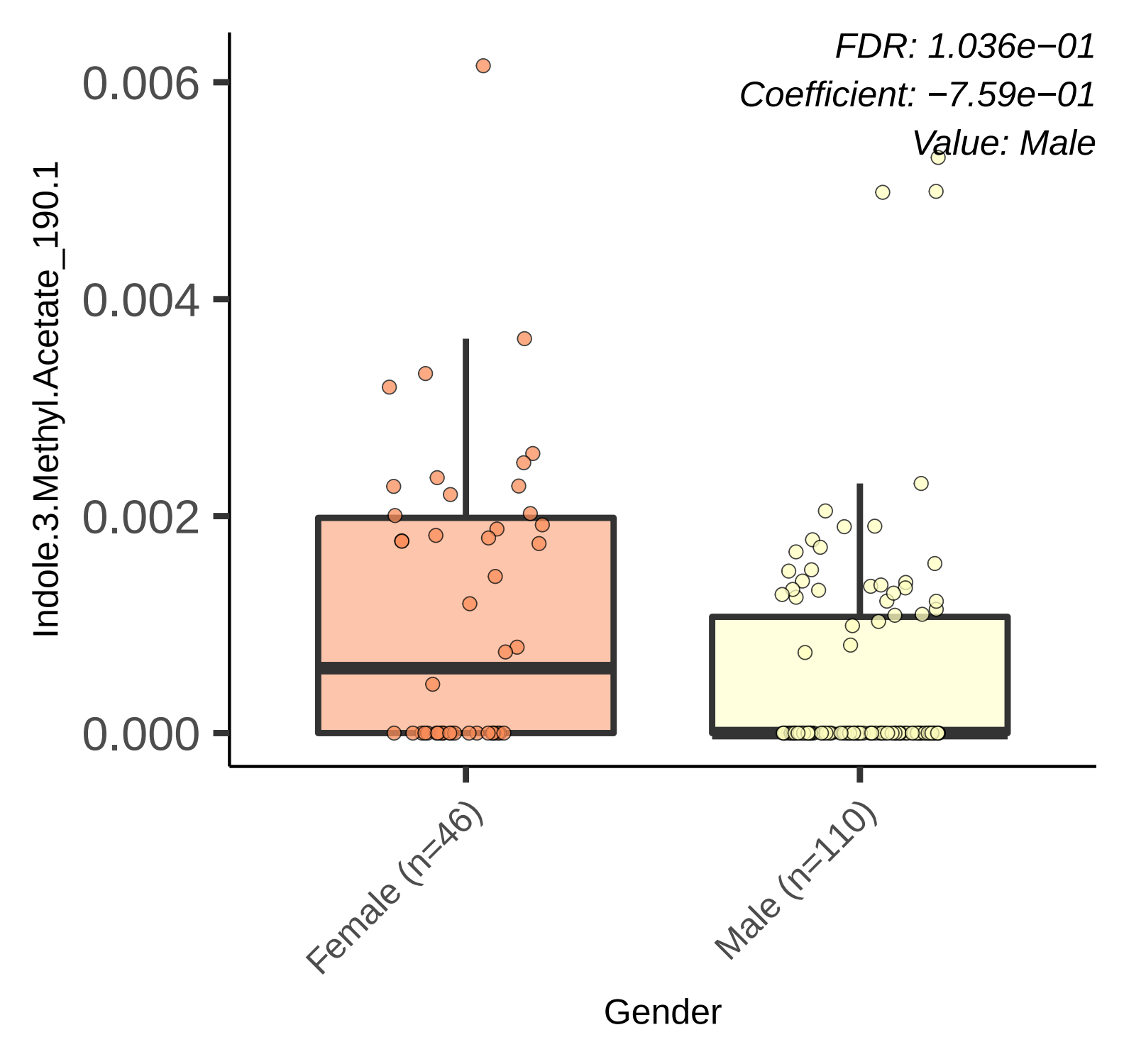

FDR: 6.385e−02
Coefficient: −5.22e−01
Value: Male
Docosahexaenoic.acid_327.2
0.06
0.04
0.02
Female (n=46)
Male (n=110)
Gender

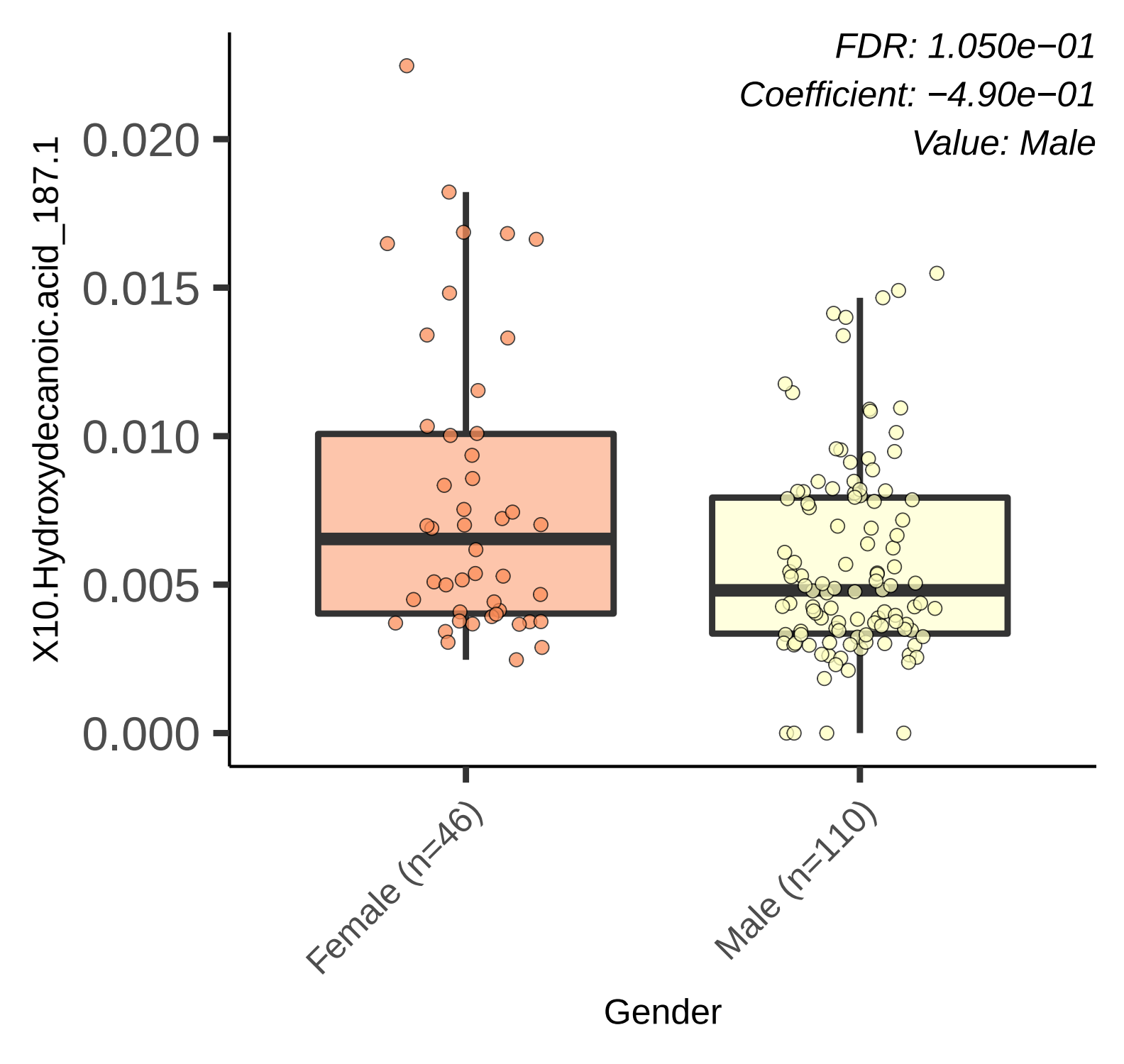

FDR: 6.659e−02
Coefficient: −4.11e−01
Value: Male
Glycerol_91
0.16
0.12
0.08
0.04
Female (n=46)
Male (n=110)
Gender

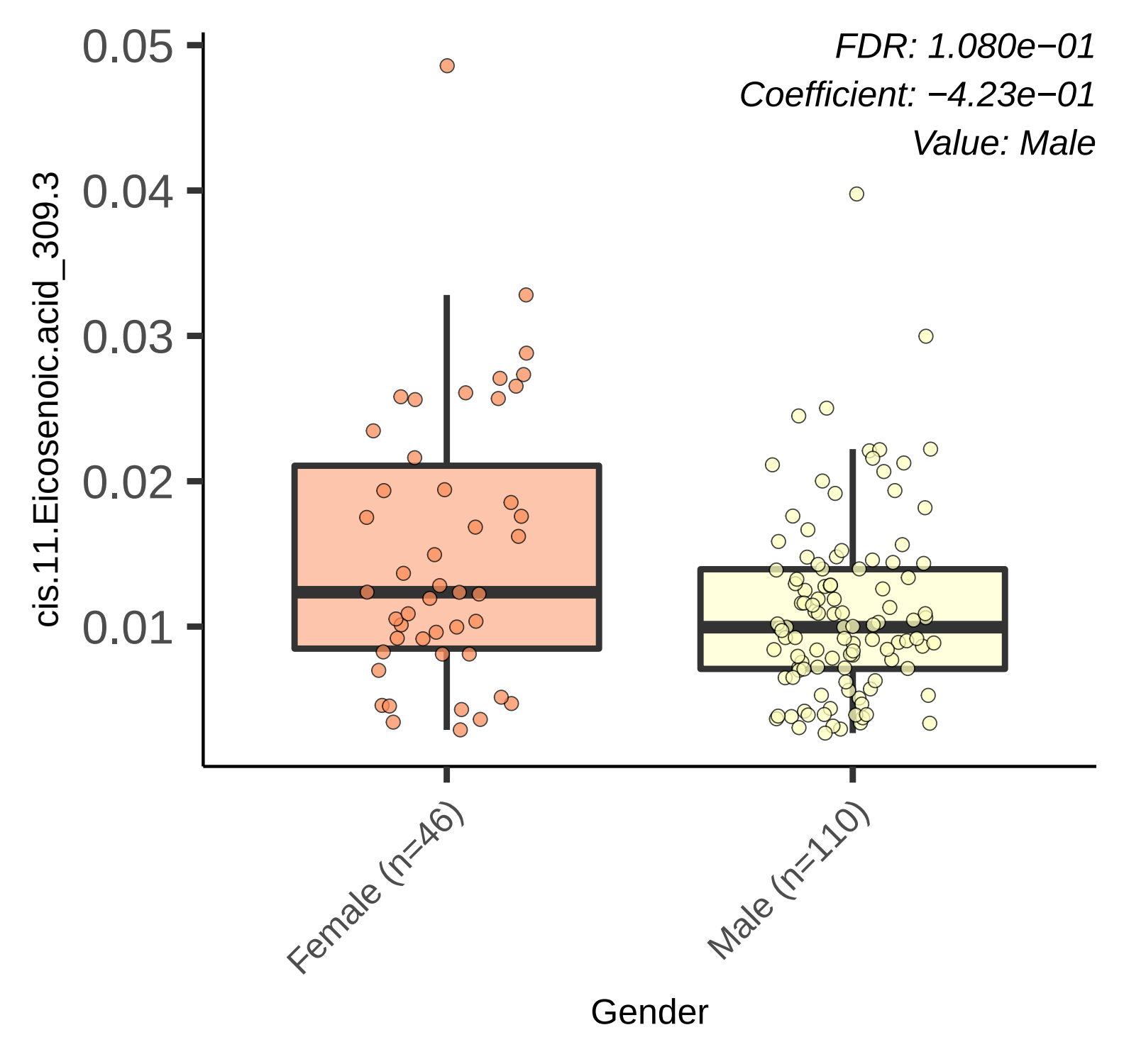

FDR: 8.065e−02
Coefficient: −5.75e−01
Value: Male
cis.5.Dodecenoic.acid_197.2
0.04
0.03
0.02
0.01
0.00
Female (n=46)
Male (n=110)
Gender

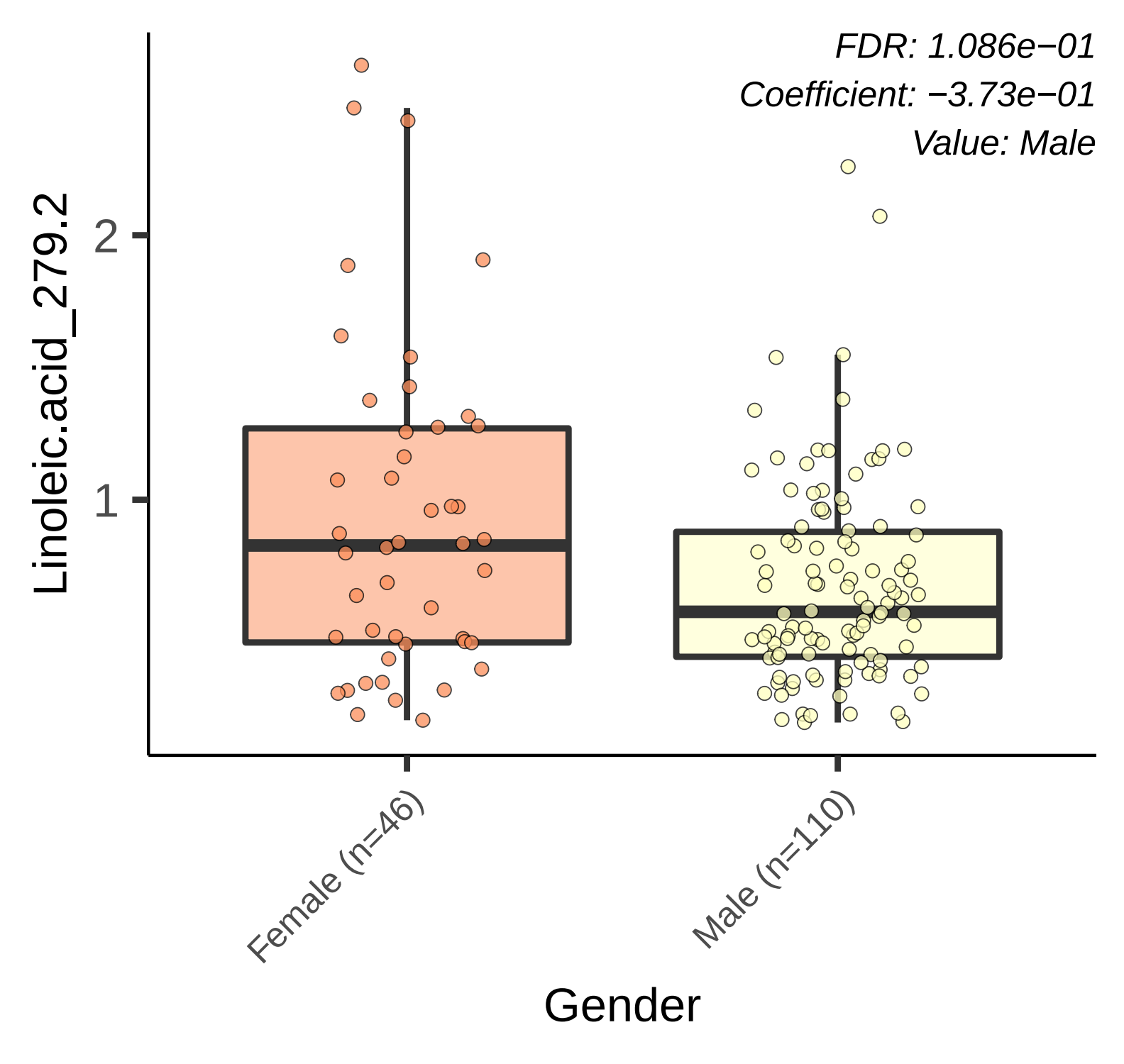

FDR: 8.310e−02
Coefficient: 2.77e−01
Value: Male
aminoadipate_162.1
0.020
0.015
0.010
0.005
Female (n=46)
Male (n=110)
Gender

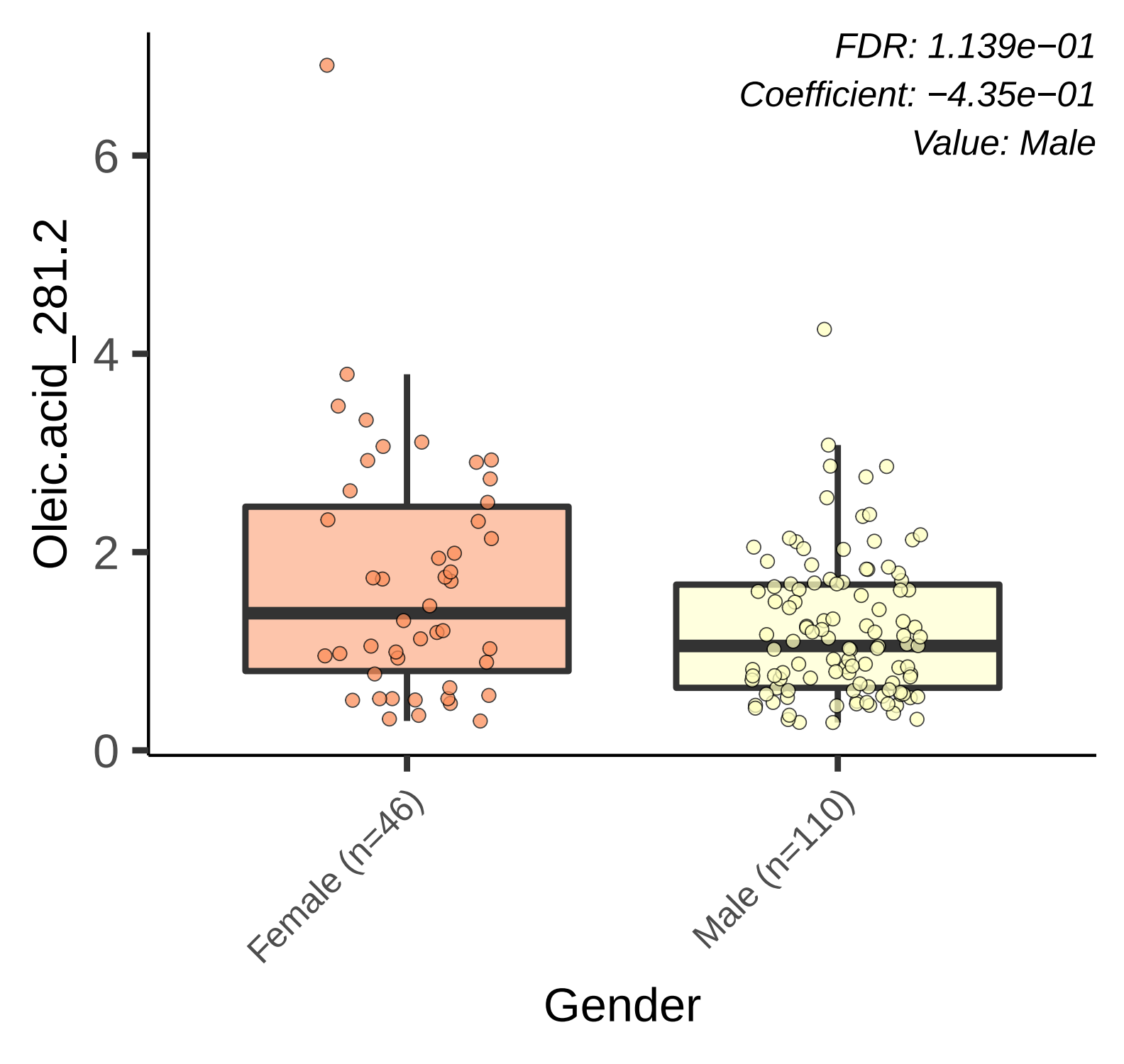

FDR: 9.078e−02
Coefficient: −4.17e−01
Value: Male
Dodecanoic.acid_199.2
0.20
0.15
0.10
0.05
Female (n=46)
Male (n=110)
Gender

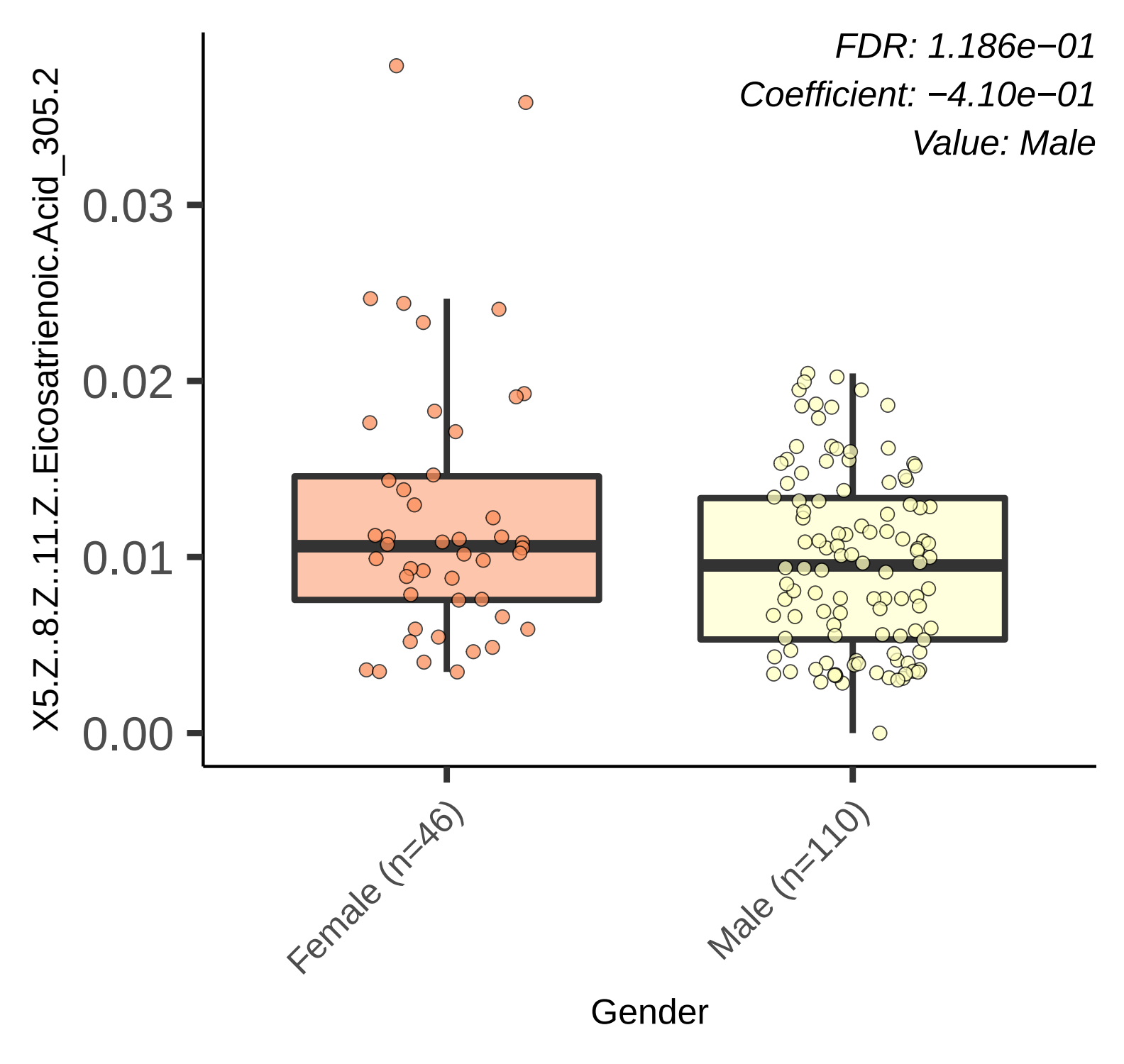

FDR: 1.036e−01
Coefficient: −7.59e−01
Value: Male
0.006
0.004
0.002
0.000
Indole.3.Methyl.Acetate_190.1
Female (n=46)
Male (n=110)
Gender

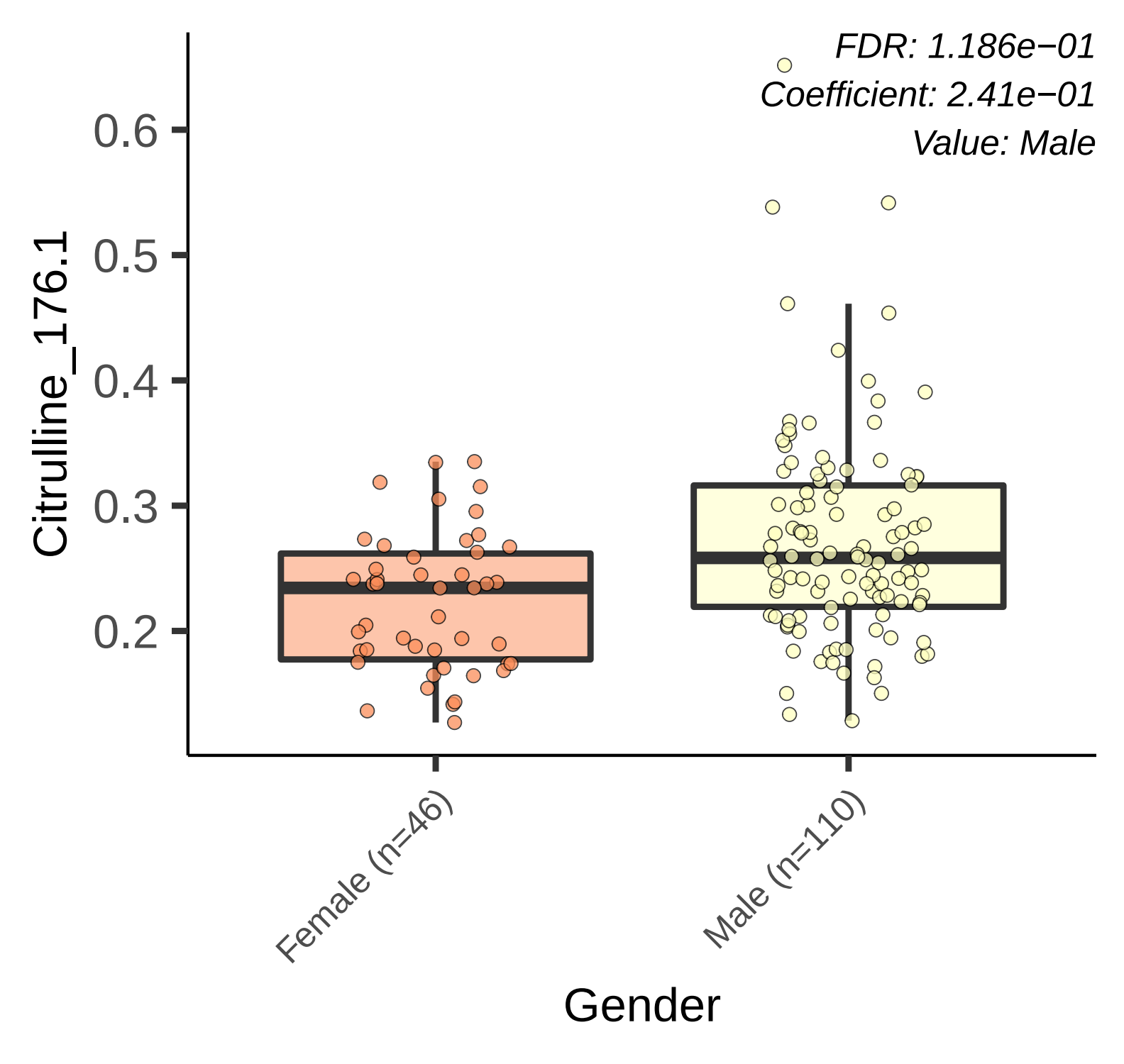

FDR: 1.050e−01
Coefficient: −4.90e−01
Value: Male
X10.Hydroxydecanoic.acid_187.1
0.020
0.015
0.010
0.005
0.000
Female (n=46)
Male (n=110)
Gender

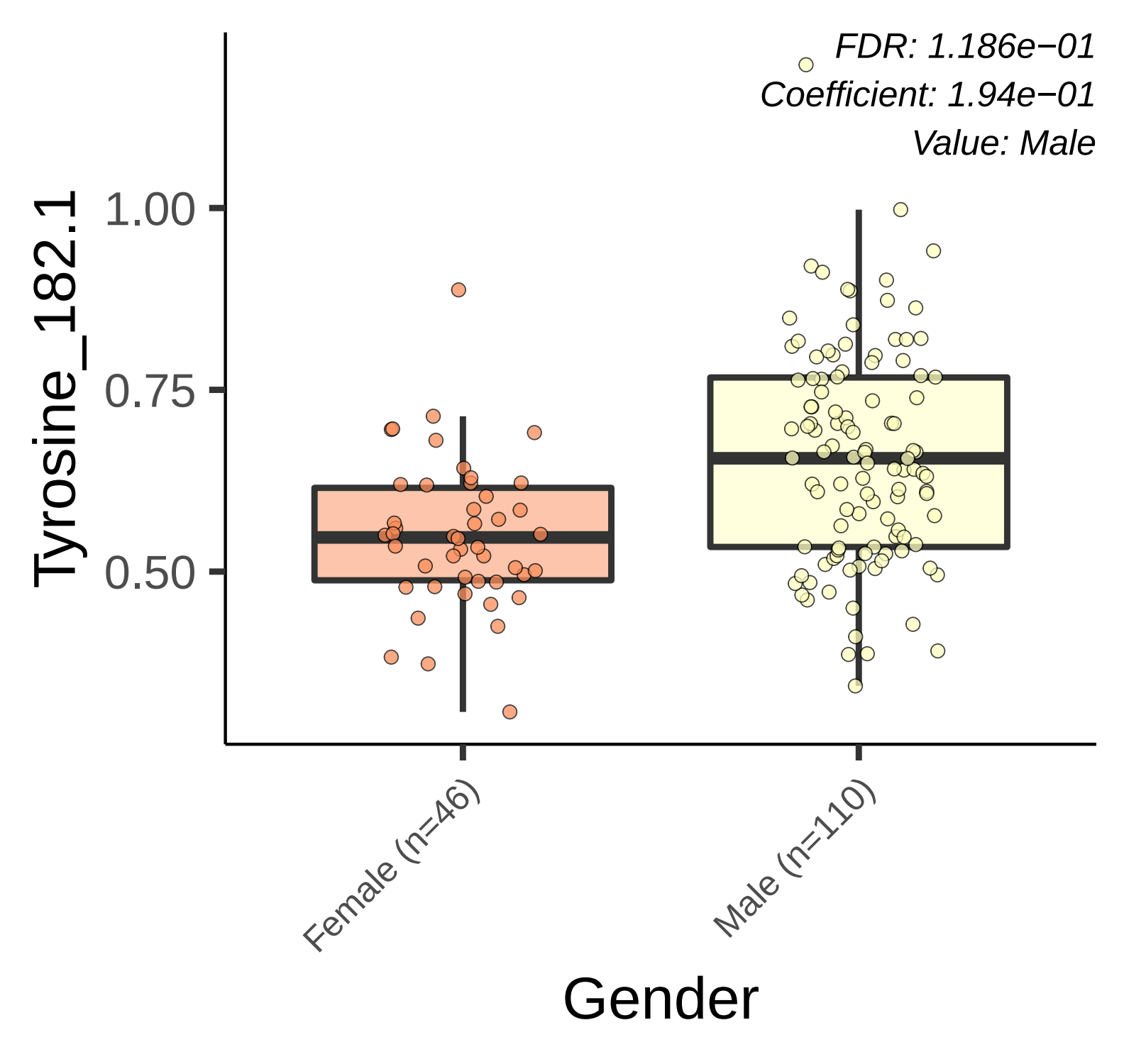

FDR: 1.080e−01
Coefficient: −4.23e−01
Value: Male
cis.11.Eicosenoic.acid_309.3
0.05
0.04
0.03
0.02
0.01
Female (n=46)
Male (n=110)
Gender

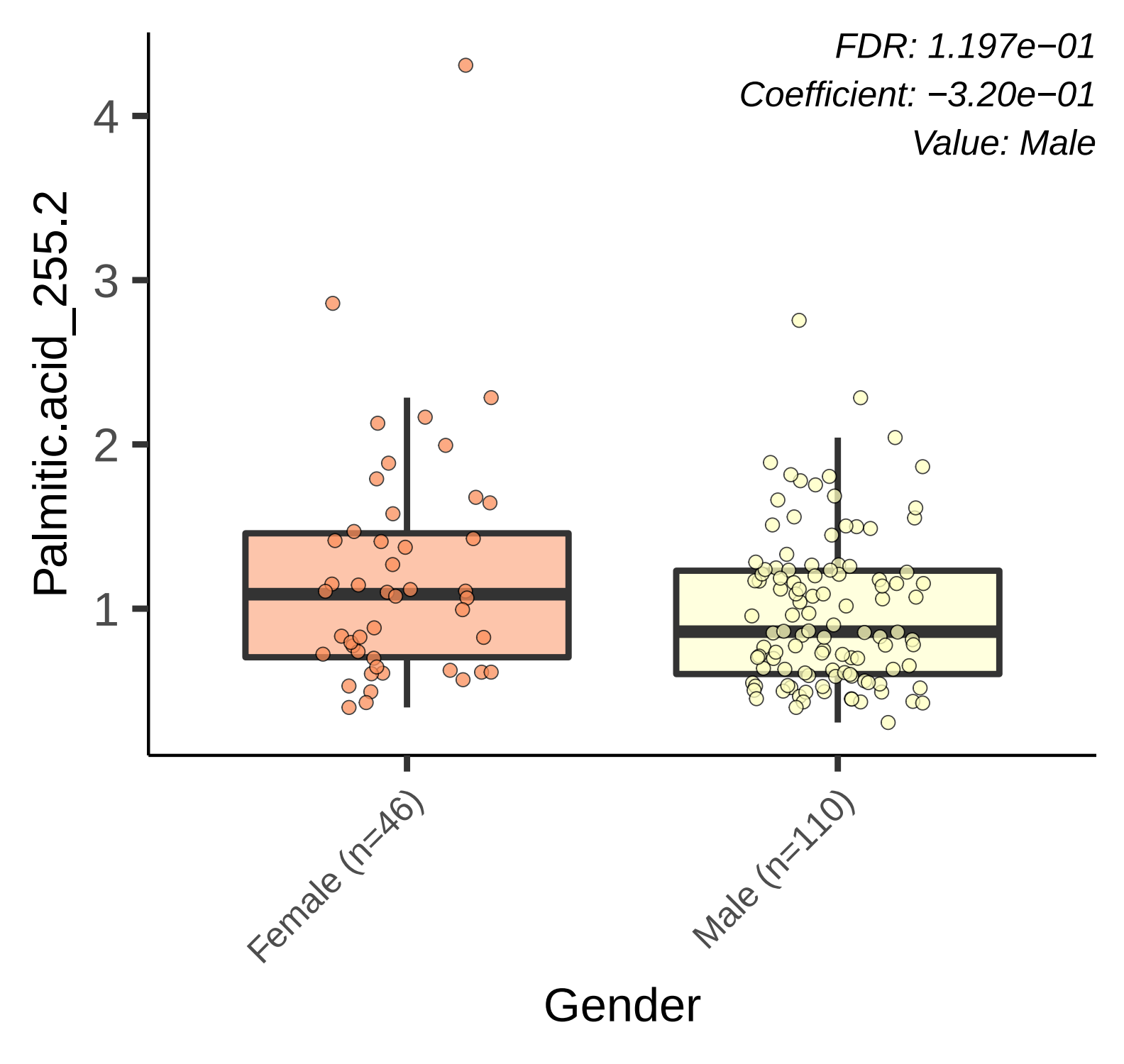

FDR: 1.086e−01
Coefficient: −3.73e−01
Value: Male
Linoleic.acid_279.2
2
1
Female (n=46)
Male (n=110)
Gender

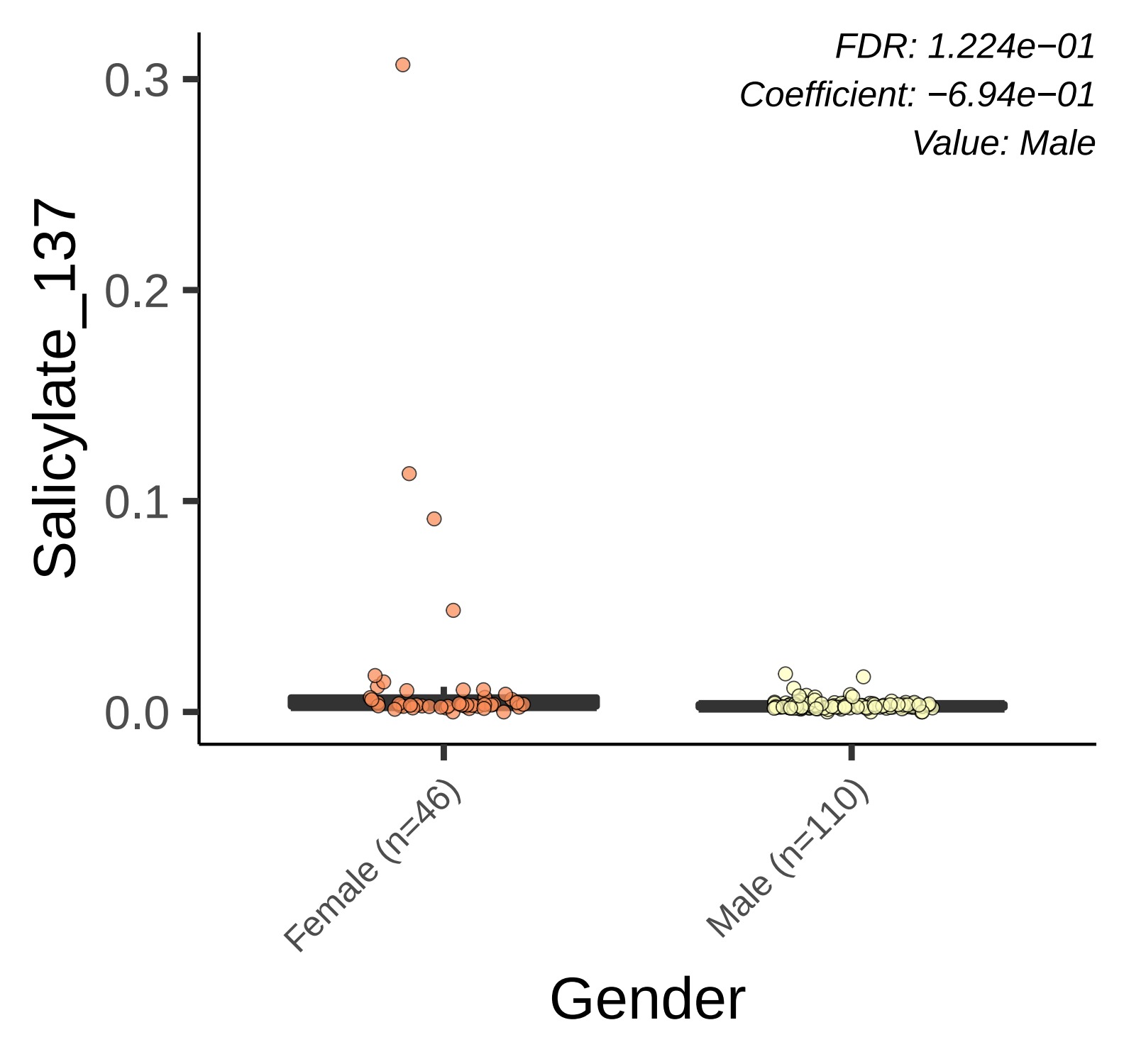

FDR: 1.139e−01
Coefficient: −4.35e−01
Value: Male
Oleic.acid_281.2
6
4
2
0
Female (n=46)
Male (n=110)
Gender

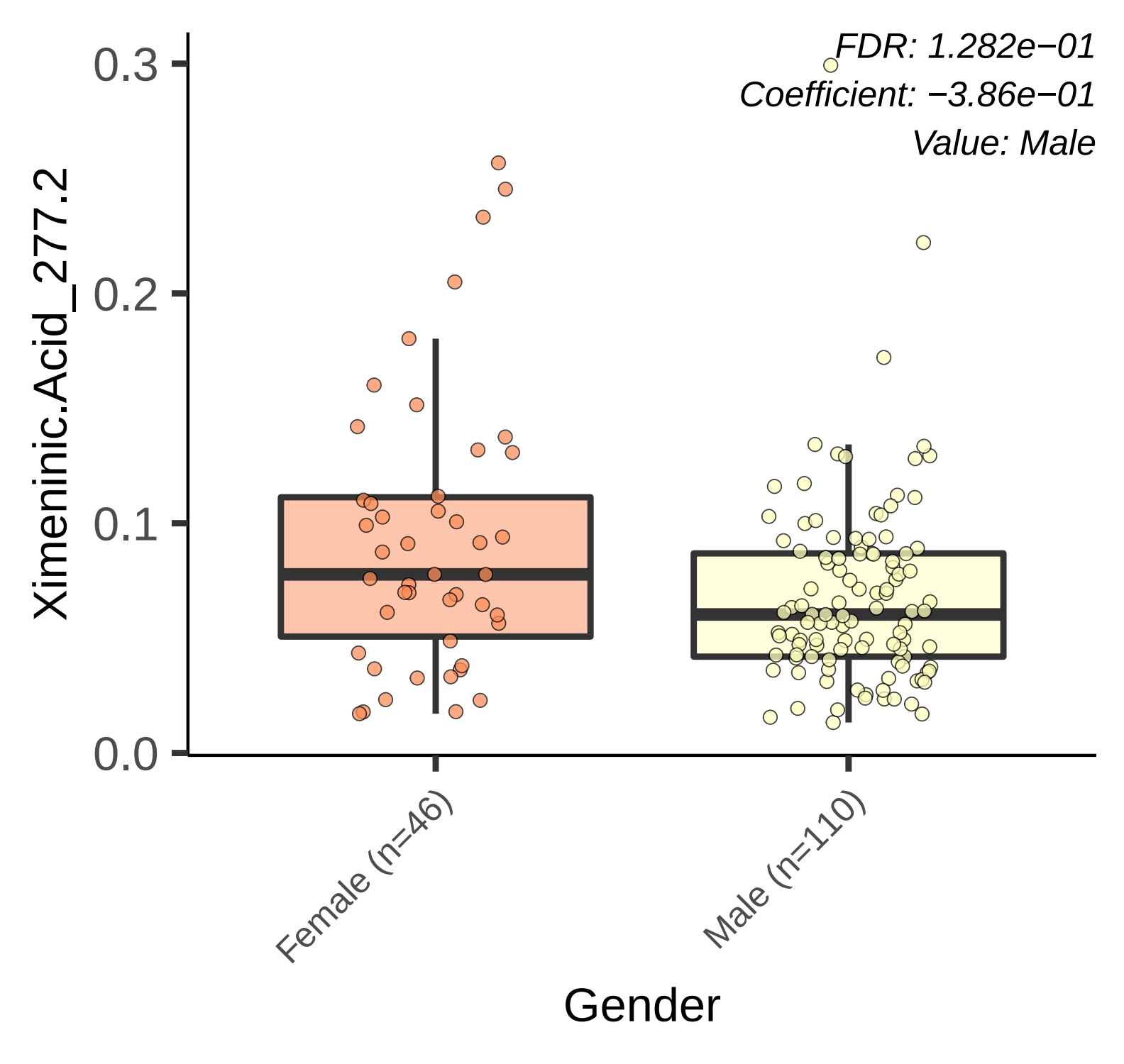

FDR: 1.186e−01
Coefficient: −4.10e−01
Value: Male
X5.Z..8.Z..11.Z..Eicosatrienoic.Acid_305.2
0.03
0.02
0.01
0.00
Female (n=46)
Male (n=110)
Gender

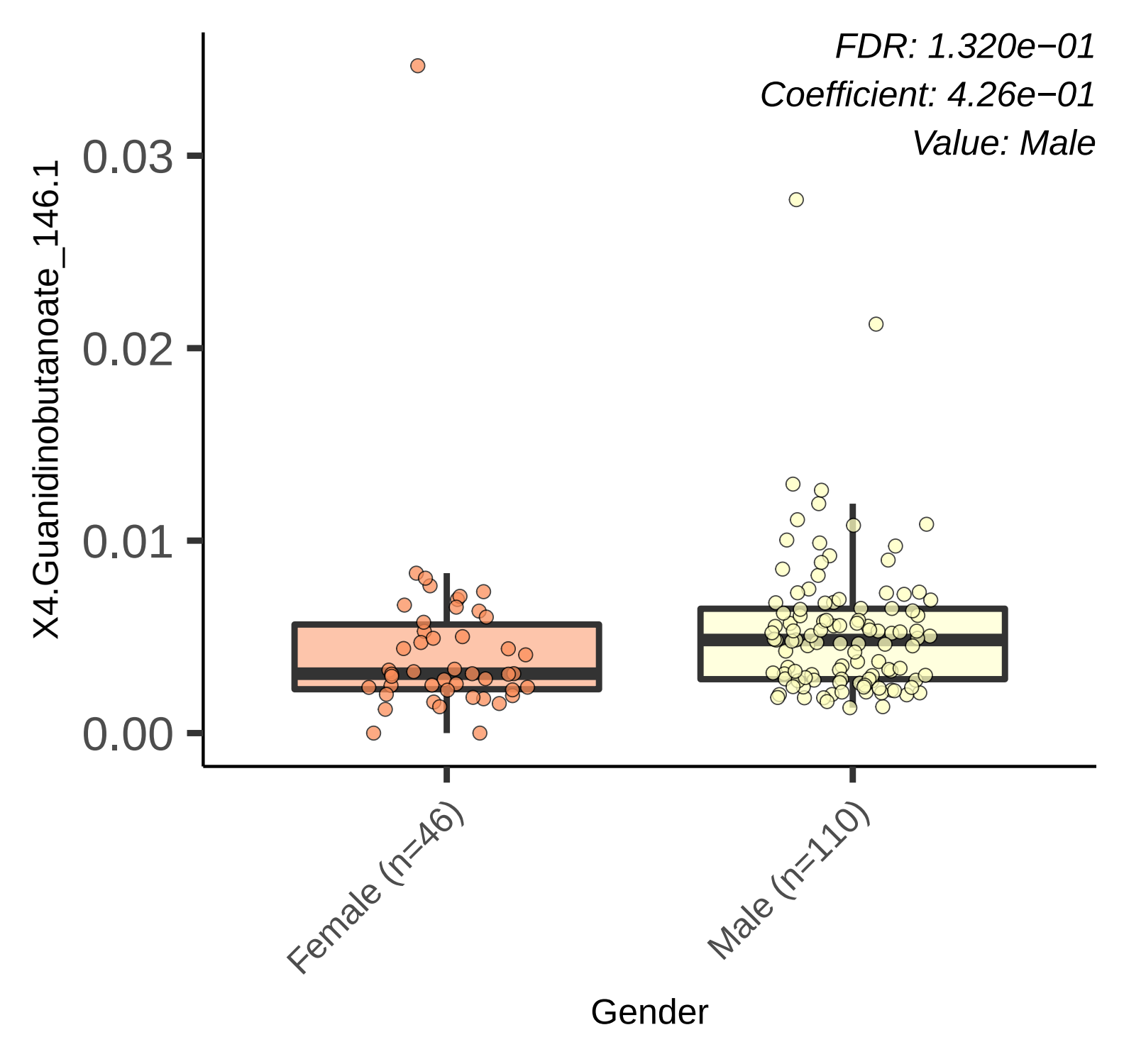

FDR: 1.186e−01
Coefficient: 2.41e−01
Value: Male
Citrulline_176.1
0.6
0.5
0.4
0.3
0.2
Female (n=46)
Male (n=110)
Gender

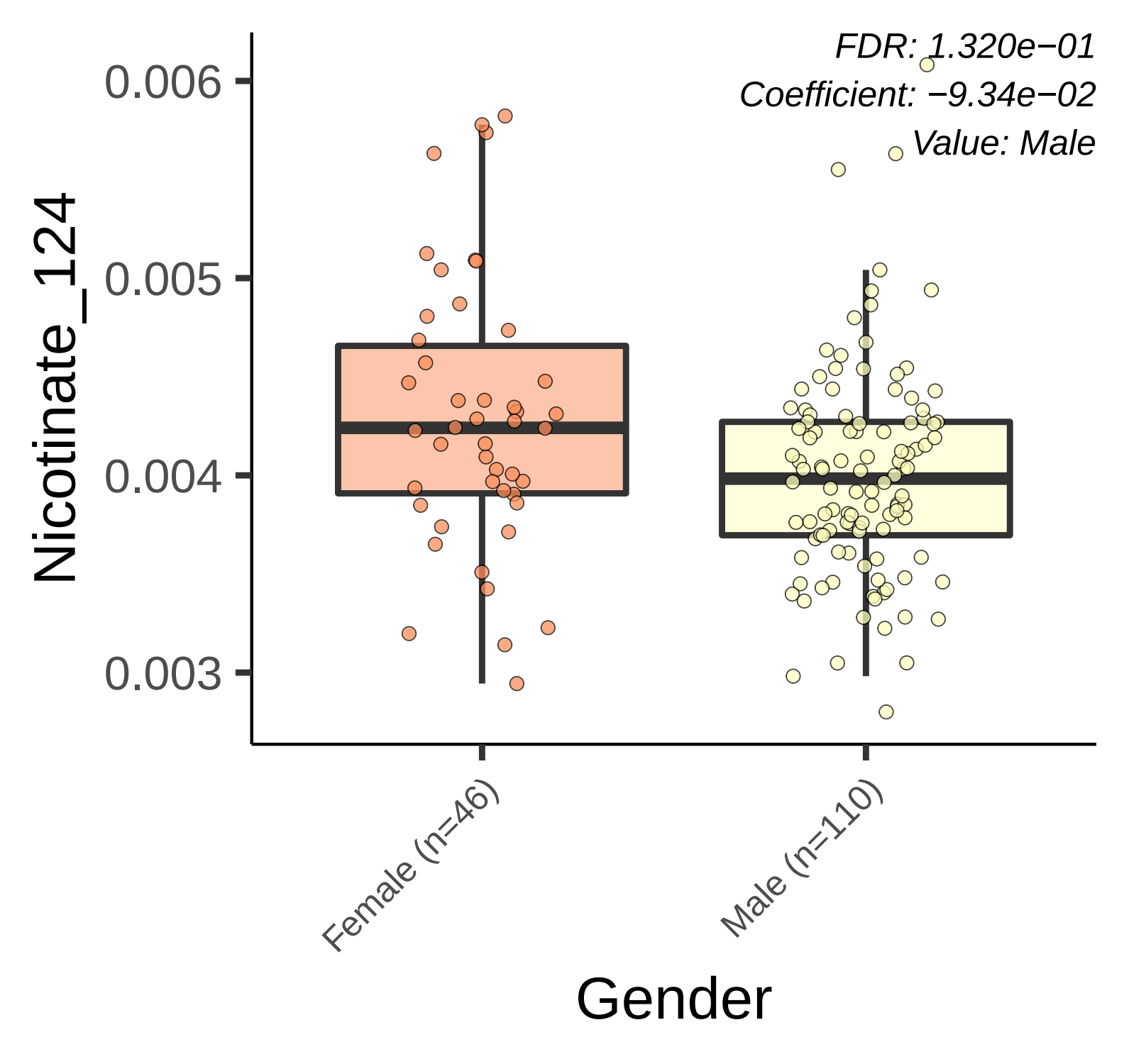

FDR: 1.186e−01
Coefficient: 1.94e−01
Value: Male
Tyrosine_182.1
1.00
0.75
0.50
Female (n=46)
Male (n=110)
Gender

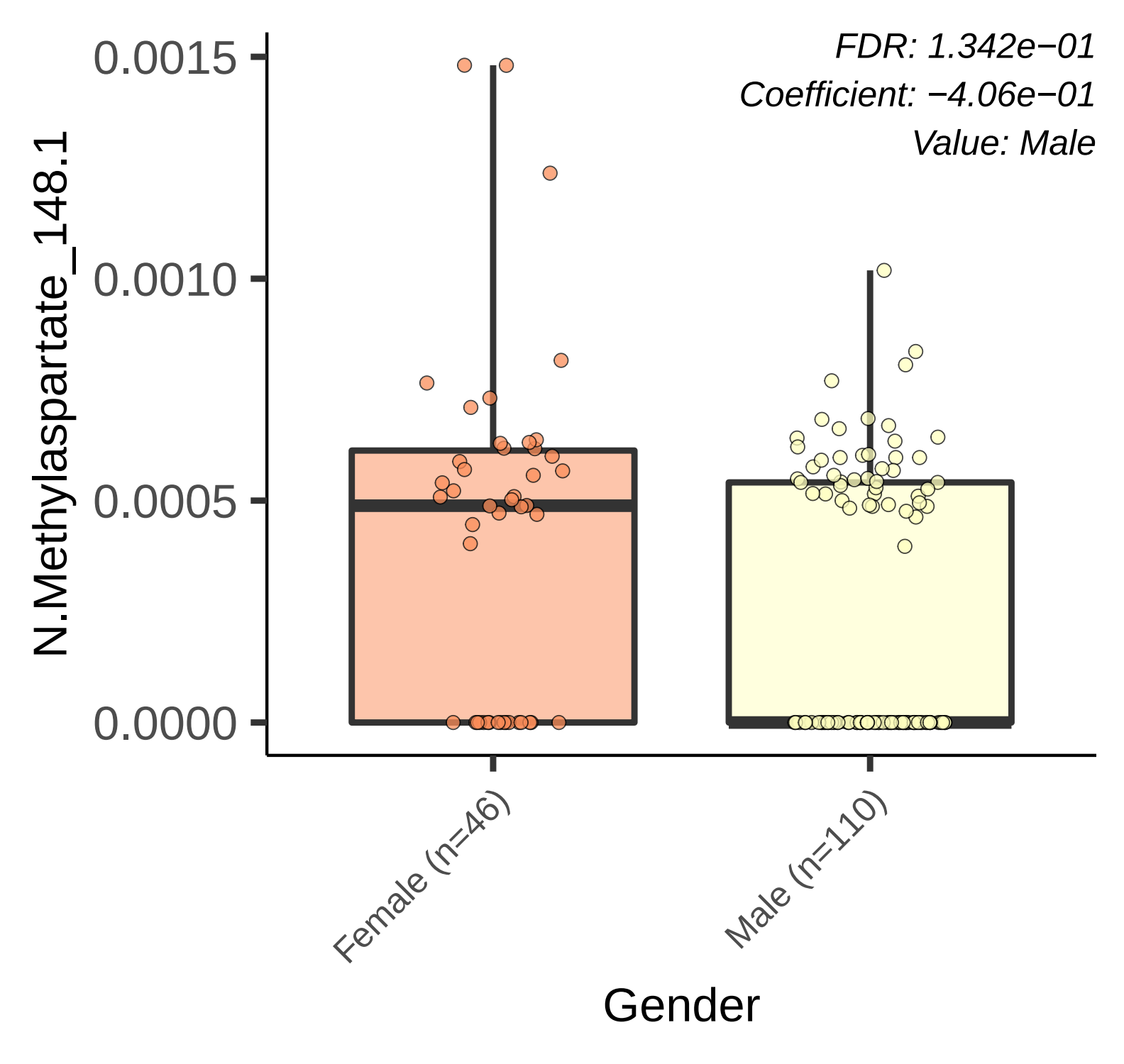

FDR: 1.197e−01
Coefficient: −3.20e−01
Value: Male
Palmitic.acid_255.2
4
3
2
1
Female (n=46)
Male (n=110)
Gender

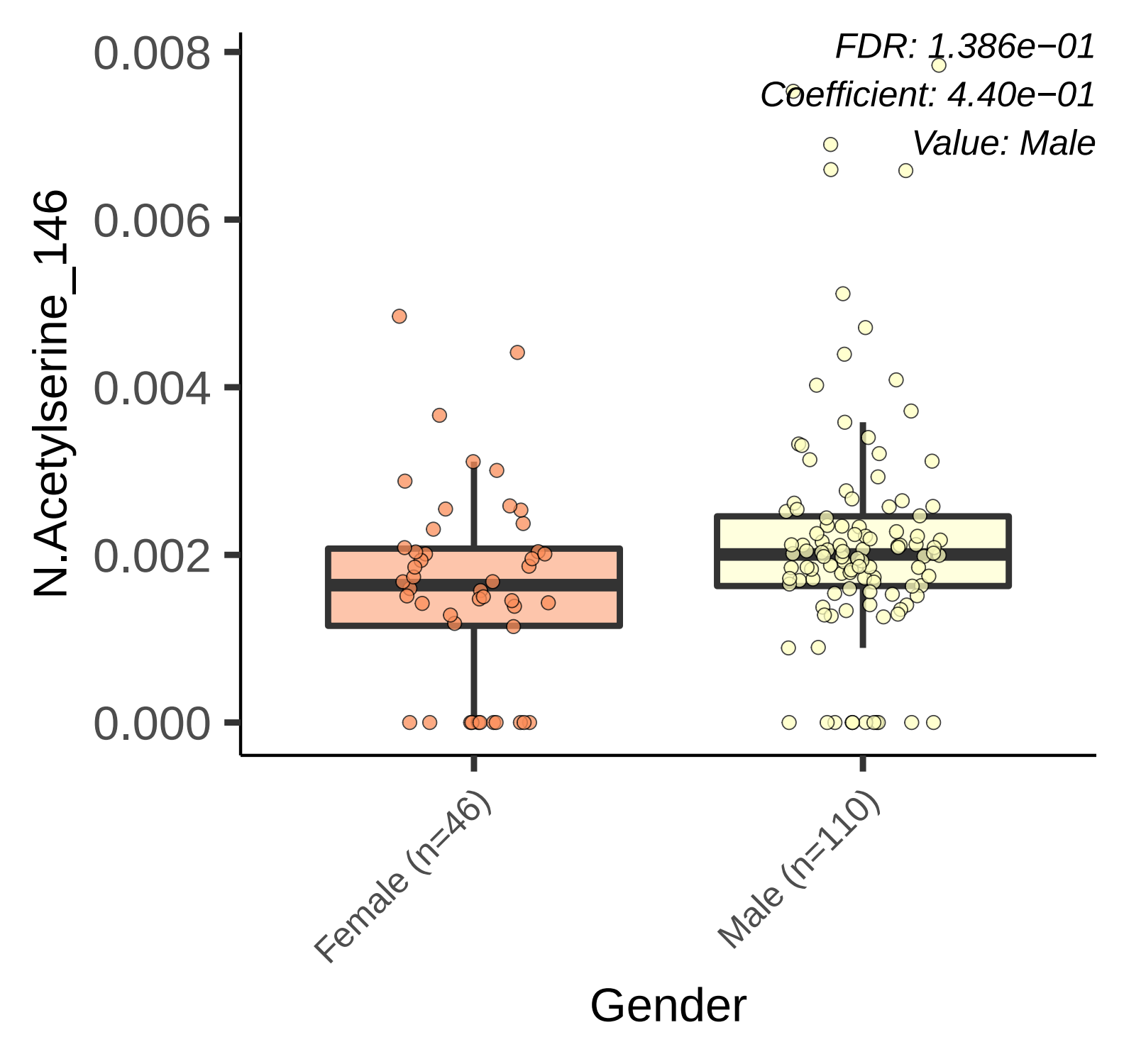

FDR: 1.224e−01
Coefficient: −6.94e−01
Value: Male
Salicylate_137
0.3
0.2
0.1
0.0
Female (n=46)
Male (n=110)
Gender

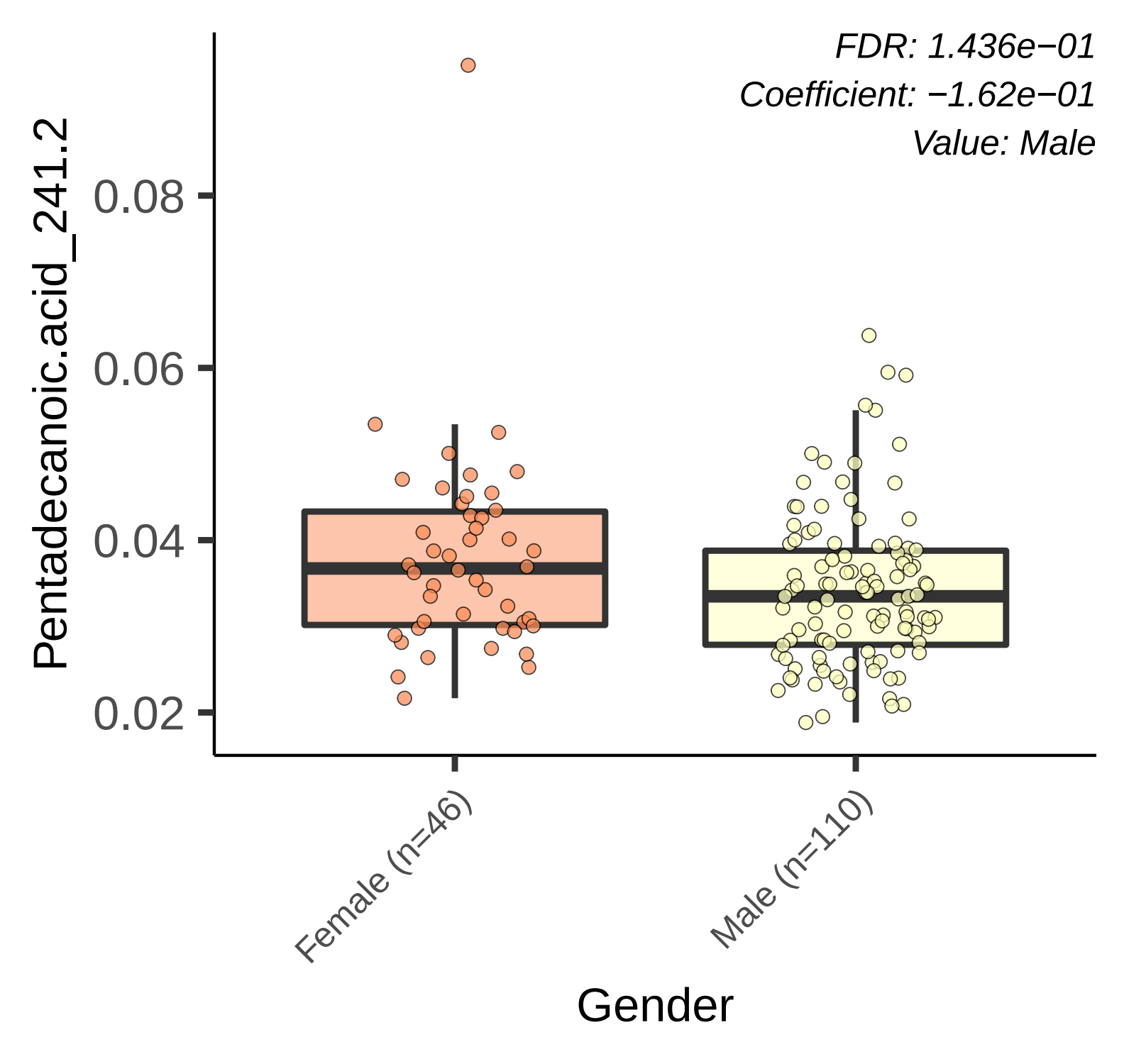

FDR: 1.282e−01
Coefficient: −3.86e−01
Value: Male
Ximeninic.Acid_277.2
0.3
0.2
0.1
0.0
Female (n=46)
Male (n=110)
Gender

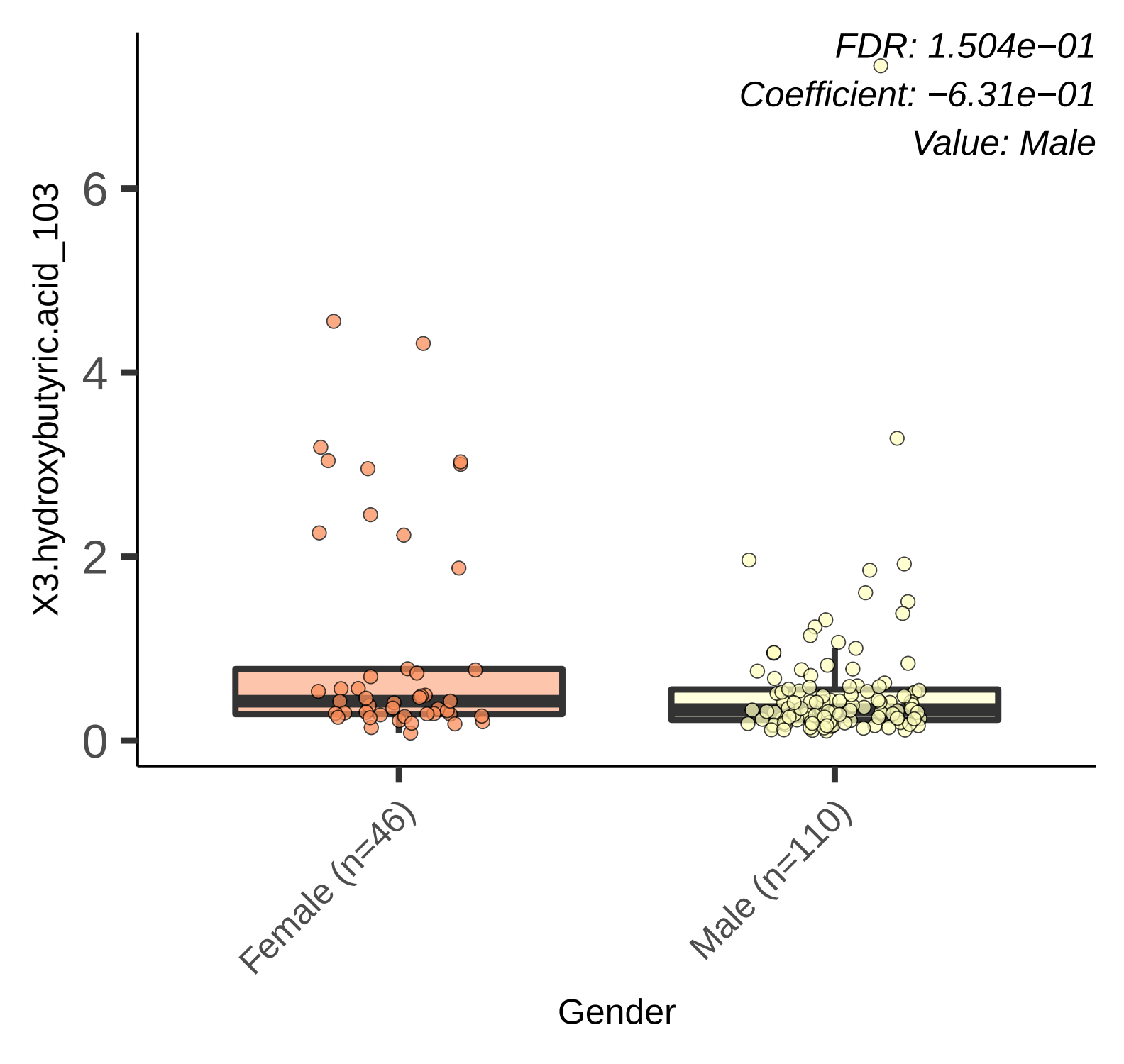

FDR: 1.320e−01
Coefficient: 4.26e−01
Value: Male
X4.Guanidinobutanoate_146.1
0.03
0.02
0.01
0.00
Female (n=46)
Male (n=110)
Gender

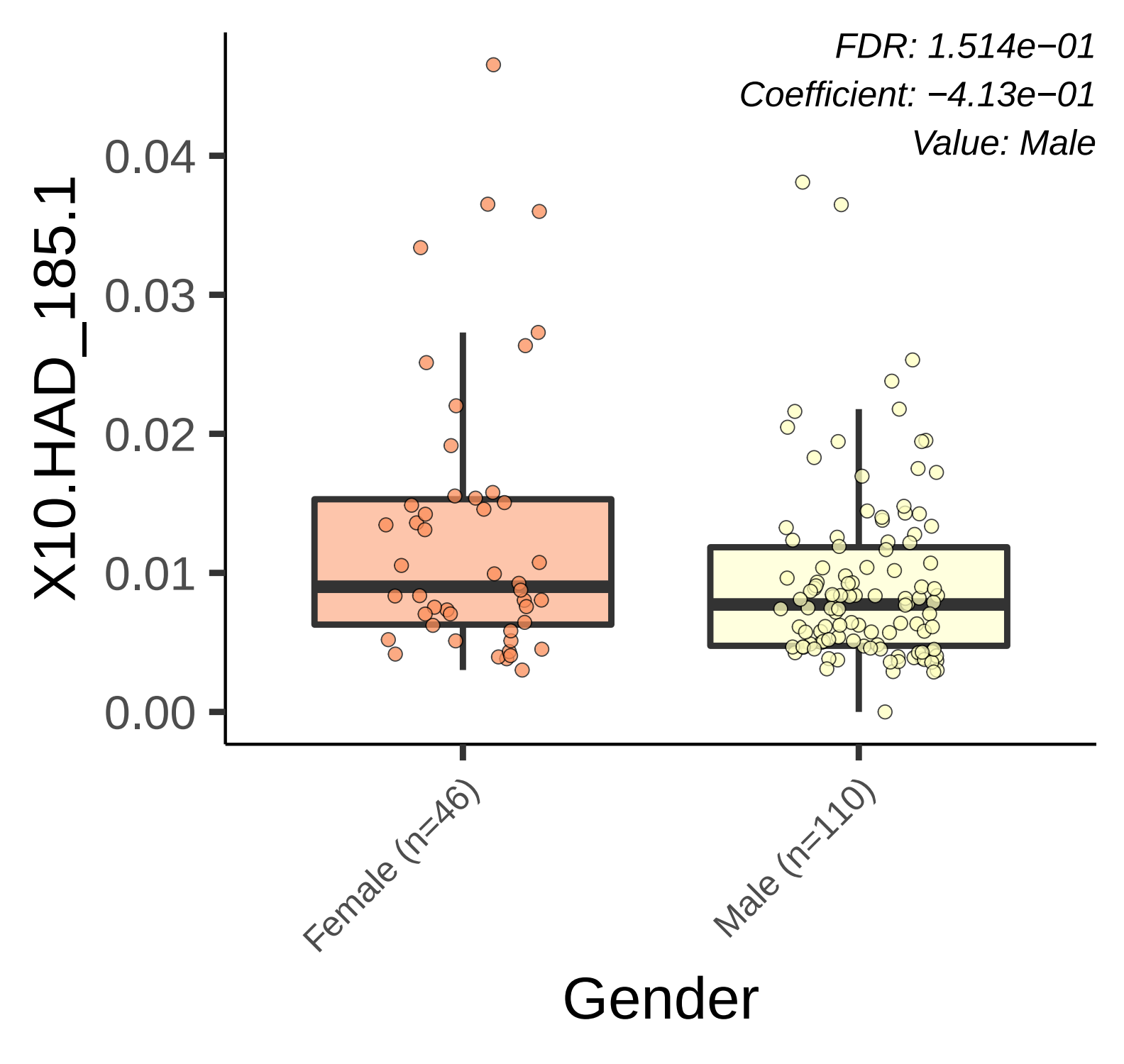

FDR: 1.320e−01
Coefficient: −9.34e−02
Value: Male
Nicotinate_124
0.006
0.005
0.004
0.003
Female (n=46)
Male (n=110)
Gender

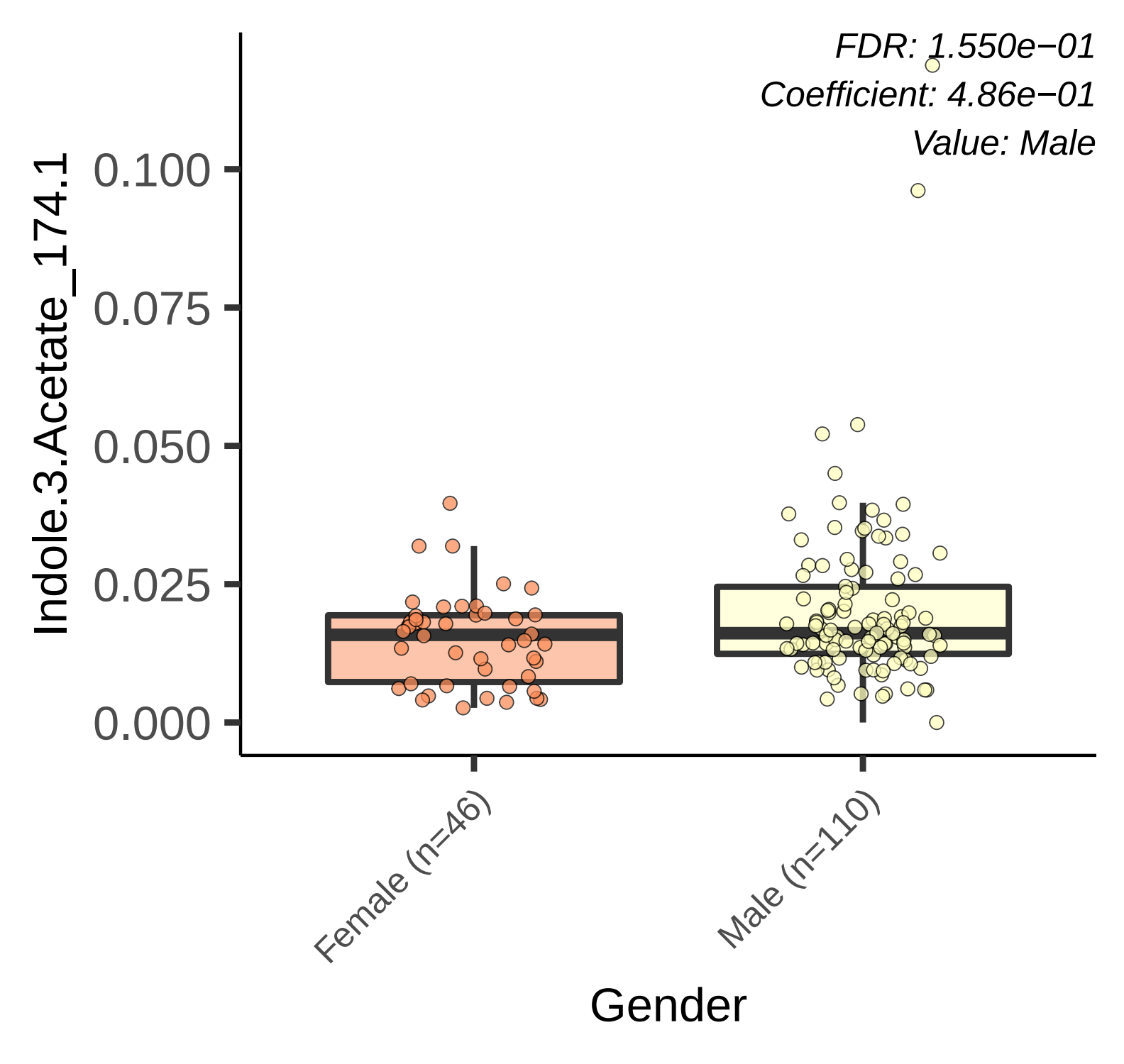

FDR: 1.342e−01
Coefficient: −4.06e−01
Value: Male
N.Methylaspartate_148.1
0.0015
0.0010
0.0005
0.0000
Female (n=46)
Male (n=110)
Gender

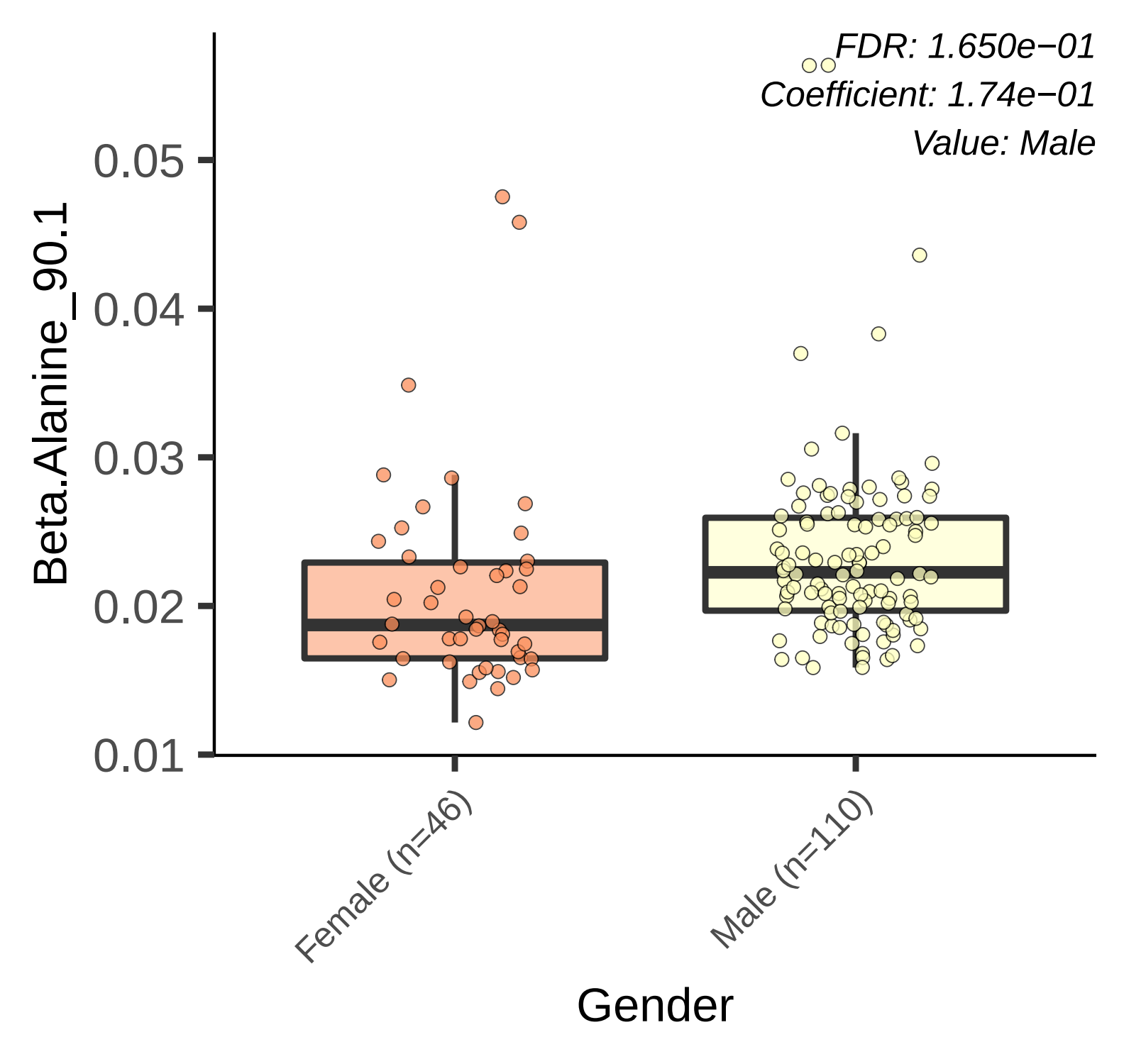

FDR: 1.386e−01
Coefficient: 4.40e−01
Value: Male
N.Acetylserine_146
0.008
0.006
0.004
0.002
0.000
Female (n=46)
Male (n=110)
Gender

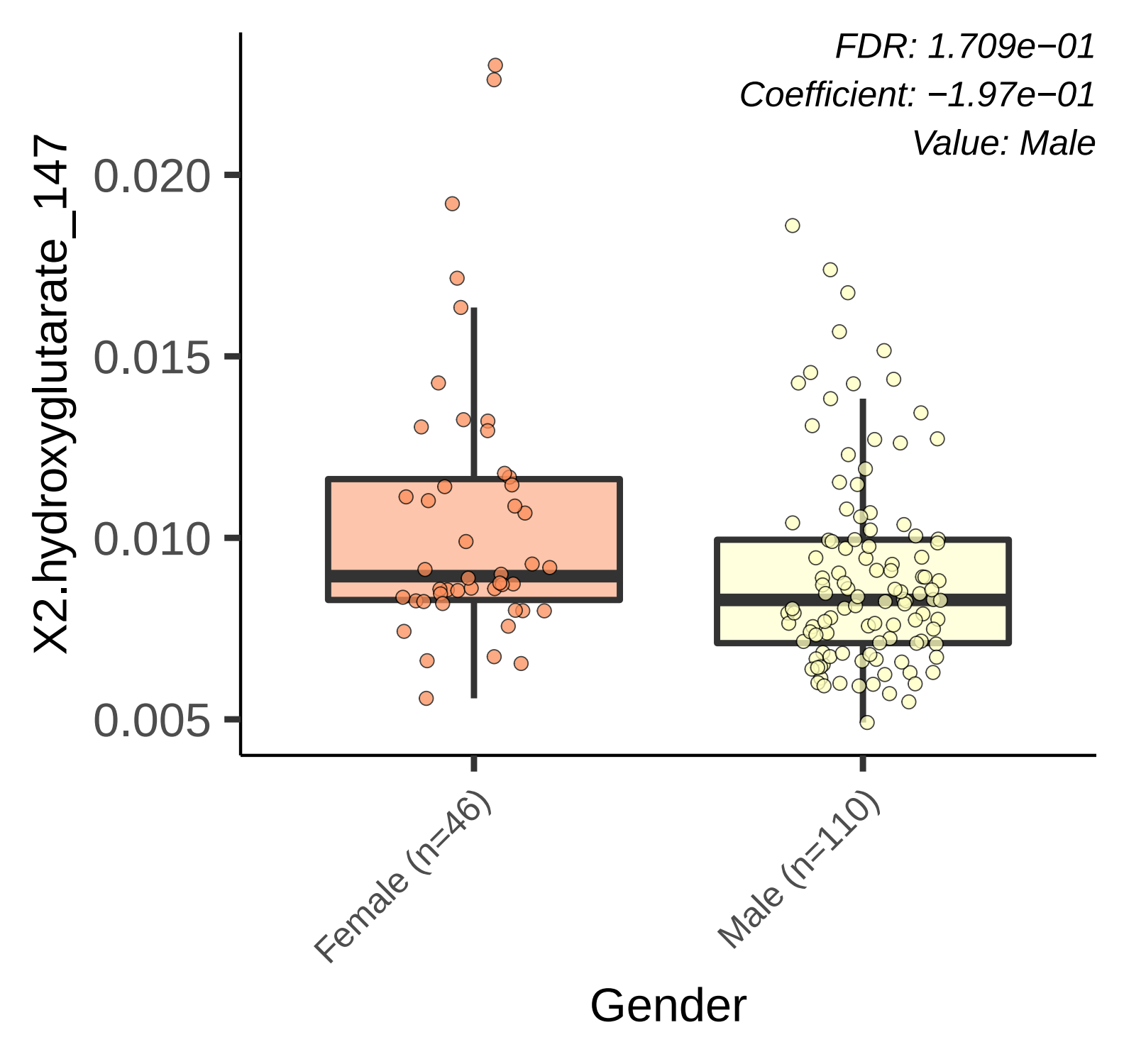

FDR: 1.436e−01
Coefficient: −1.62e−01
Value: Male
Pentadecanoic.acid_241.2
0.08
0.06
0.04
0.02
Female (n=46)
Male (n=110)
Gender

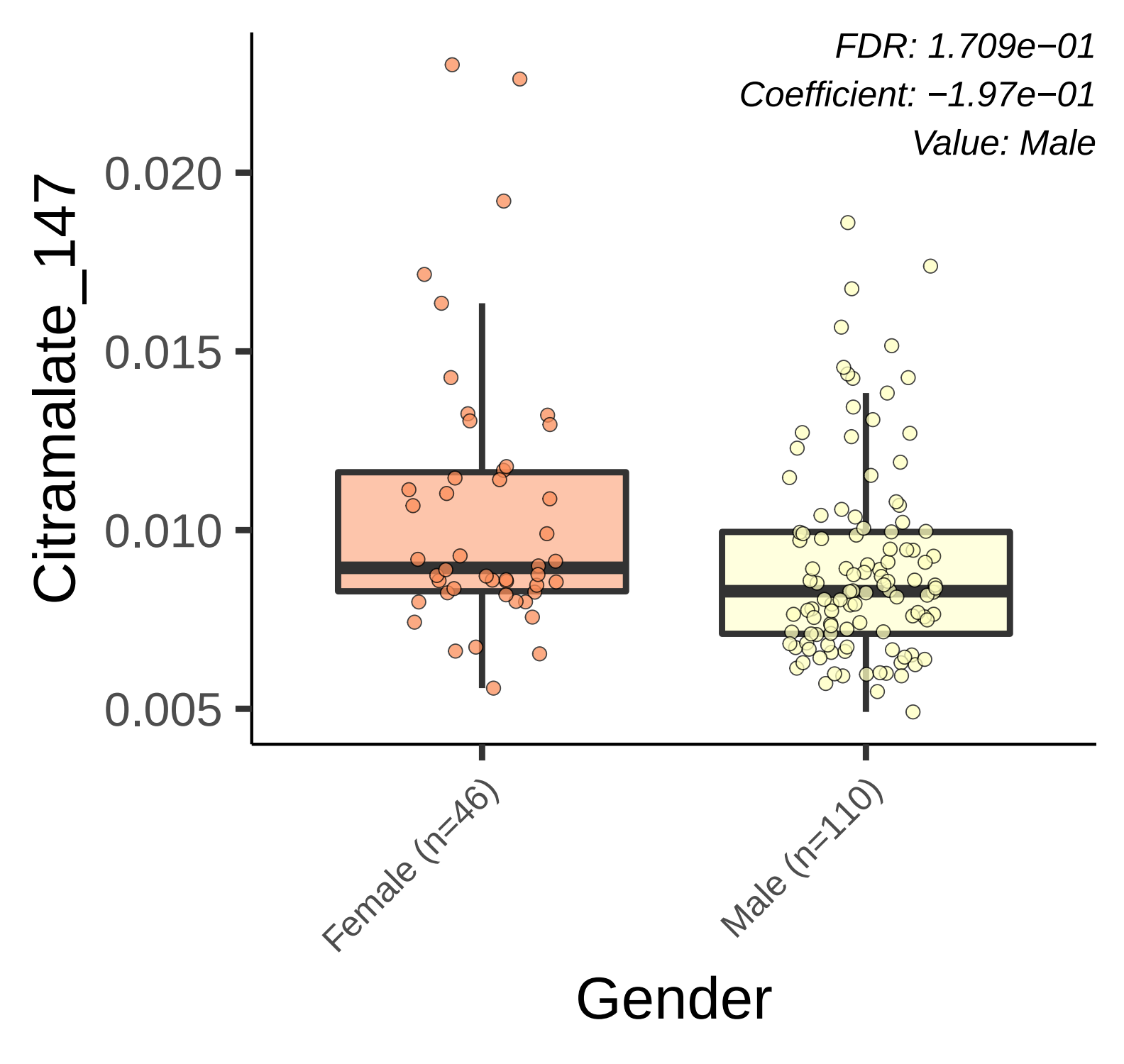

FDR: 1.504e−01
Coefficient: −6.31e−01
Value: Male
X3.hydroxybutyric.acid_103
6
4
2
0
Female (n=46)
Male (n=110)
Gender

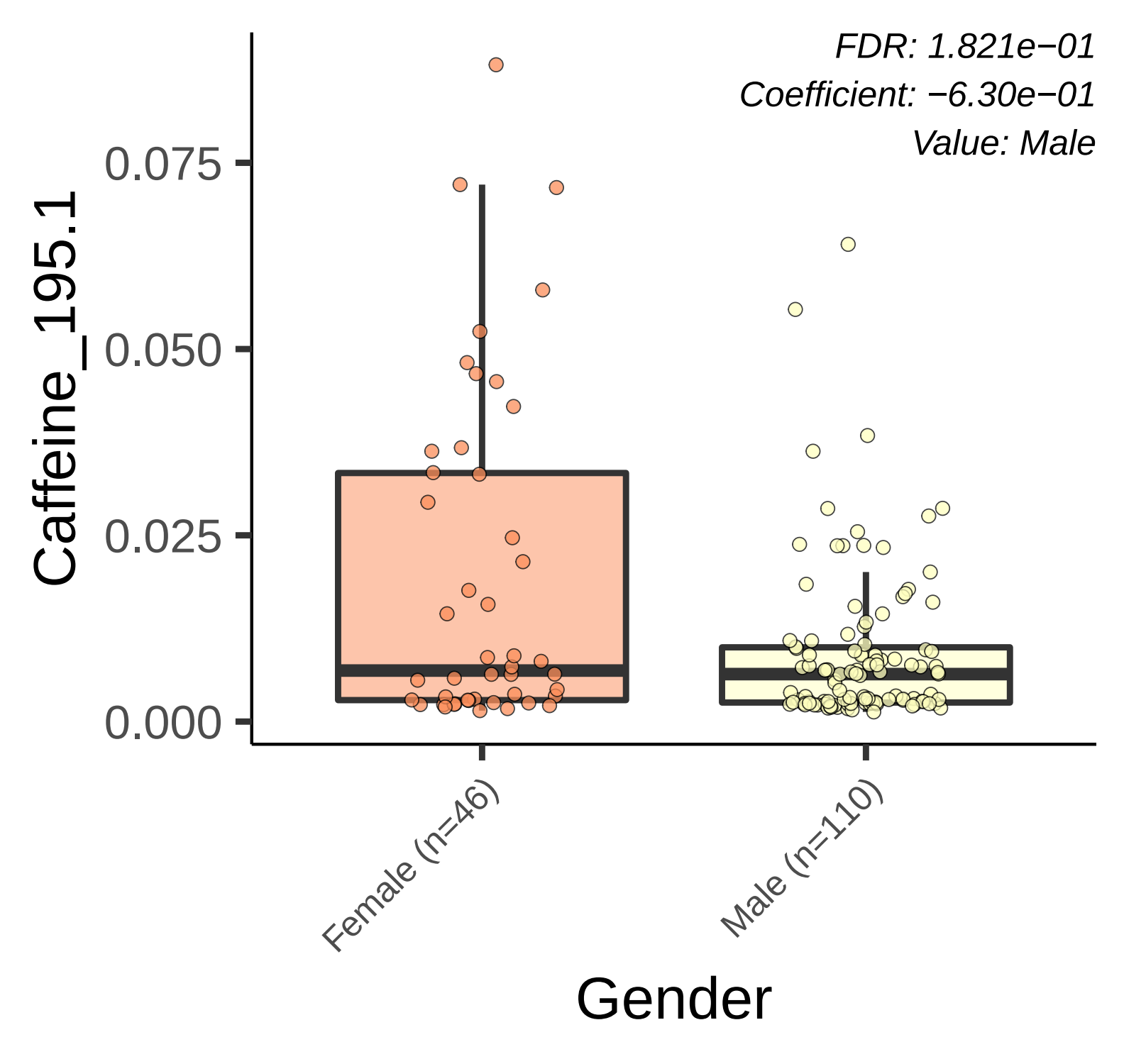

FDR: 1.514e−01
Coefficient: −4.13e−01
Value: Male
X10.HAD_185.1
0.04
0.03
0.02
0.01
0.00
Female (n=46)
Male (n=110)
Gender

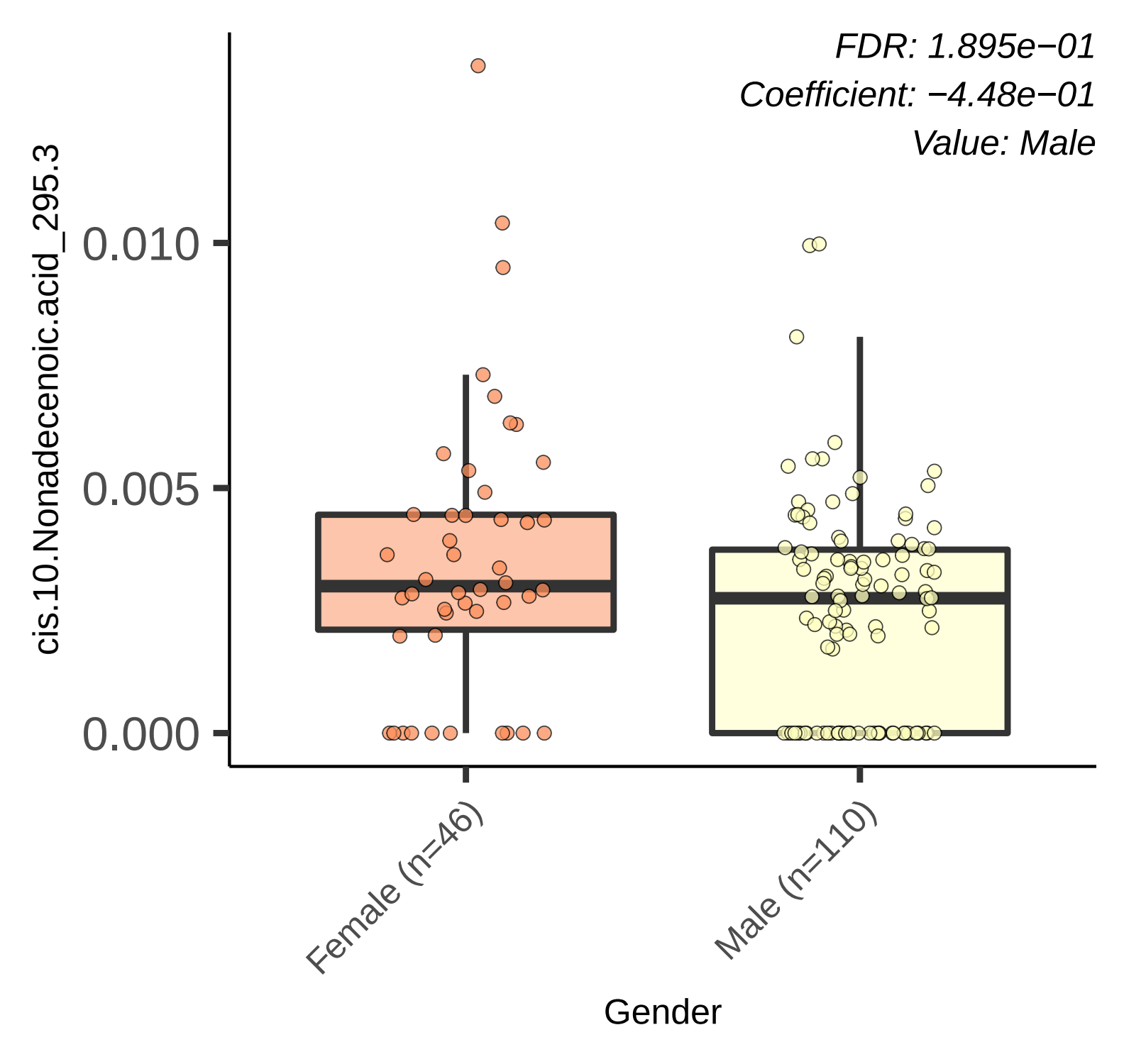

FDR: 1.550e−01
Coefficient: 4.86e−01
Value: Male
Indole.3.Acetate_174.1
0.100
0.075
0.050
0.025
0.000
Female (n=46)
Male (n=110)
Gender

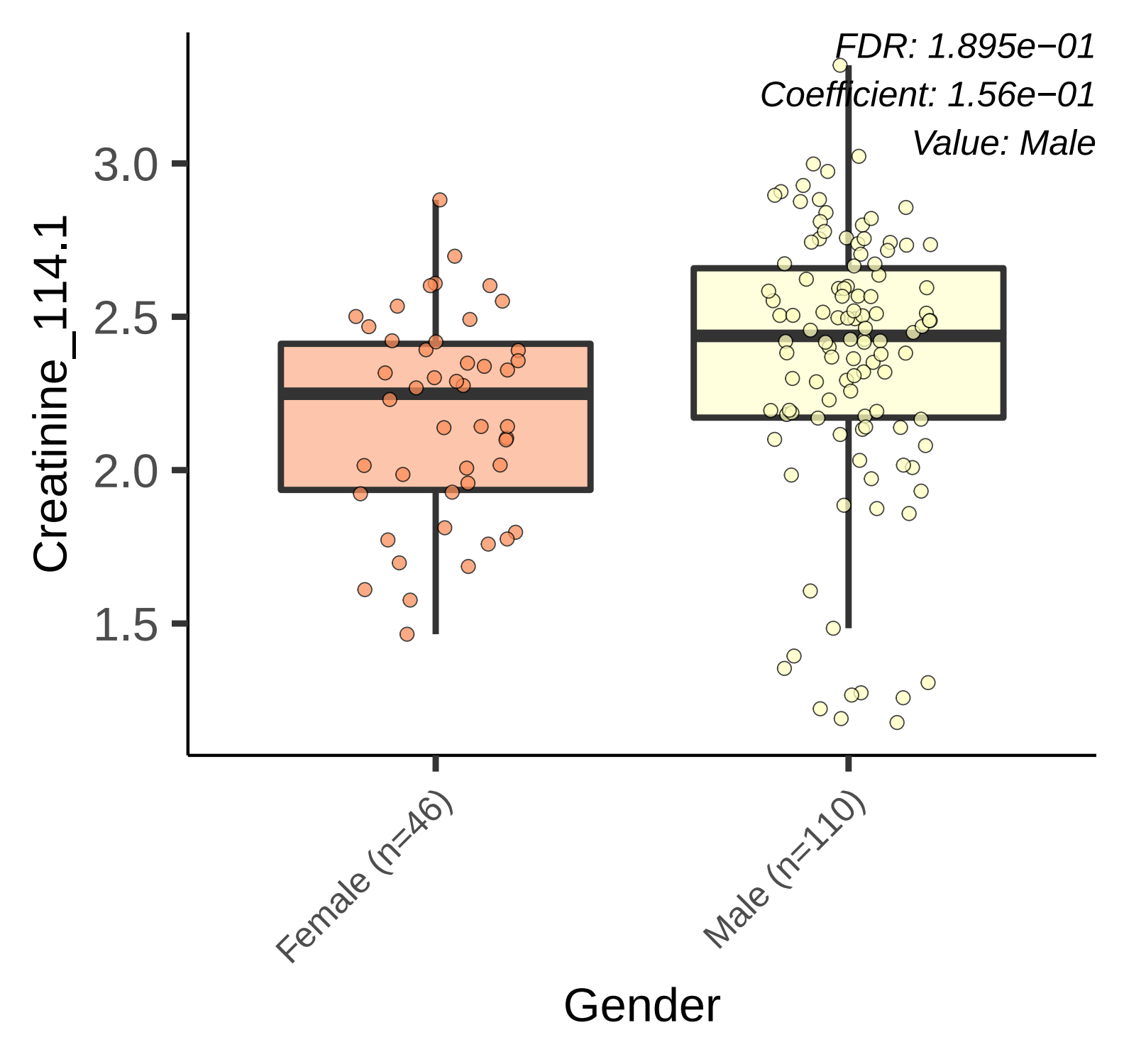

FDR: 1.650e−01
Coefficient: 1.74e−01
Value: Male
Beta.Alanine_90.1
0.05
0.04
0.03
0.02
0.01
Female (n=46)
Male (n=110)
Gender

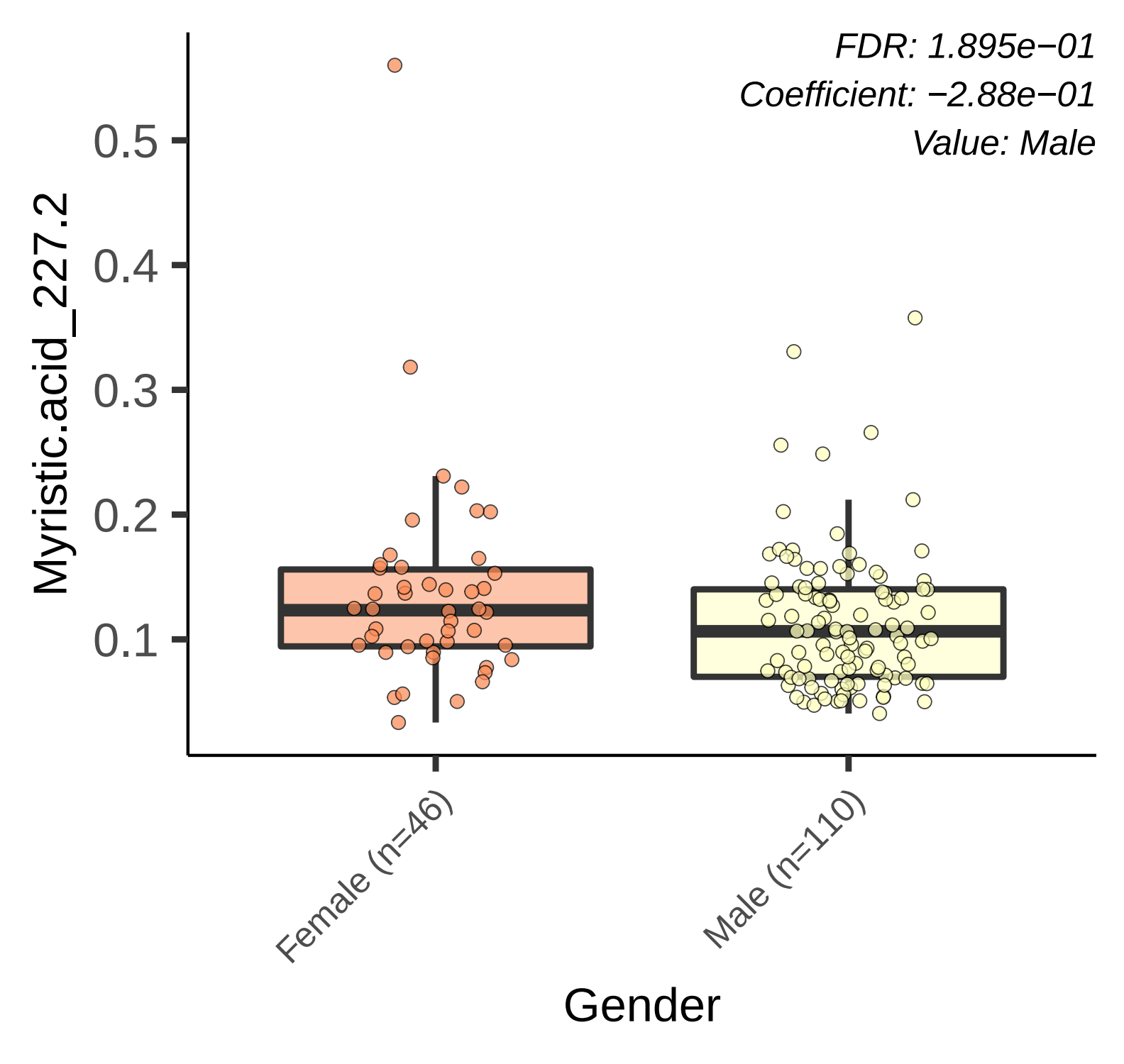

FDR: 1.709e−01
Coefficient: −1.97e−01
Value: Male
X2.hydroxyglutarate_147
0.020
0.015
0.010
0.005
Female (n=46)
Male (n=110)
Gender

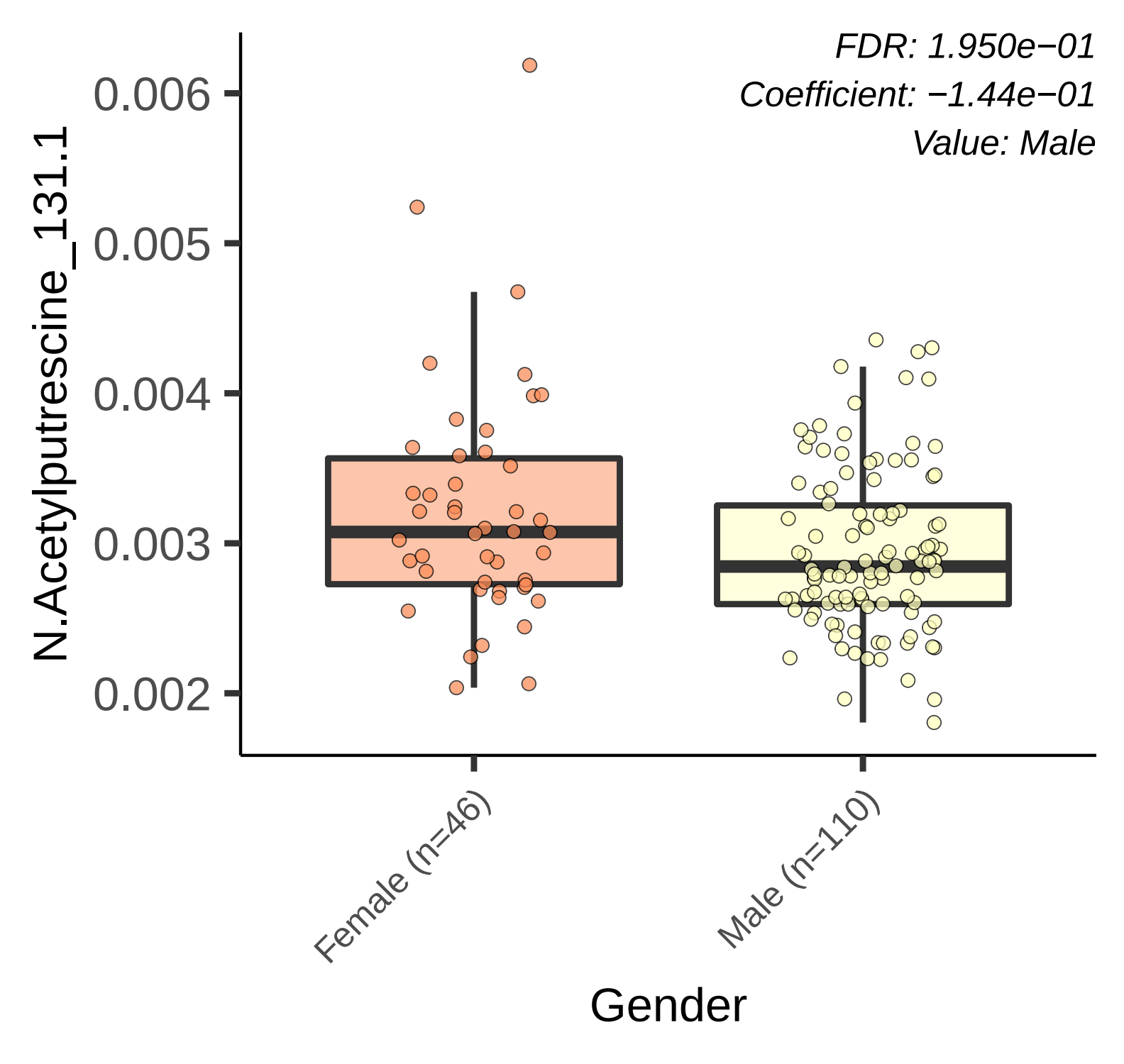

FDR: 1.709e−01
Coefficient: −1.97e−01
Value: Male
Citramalate_147
0.020
0.015
0.010
0.005
Female (n=46)
Male (n=110)
Gender

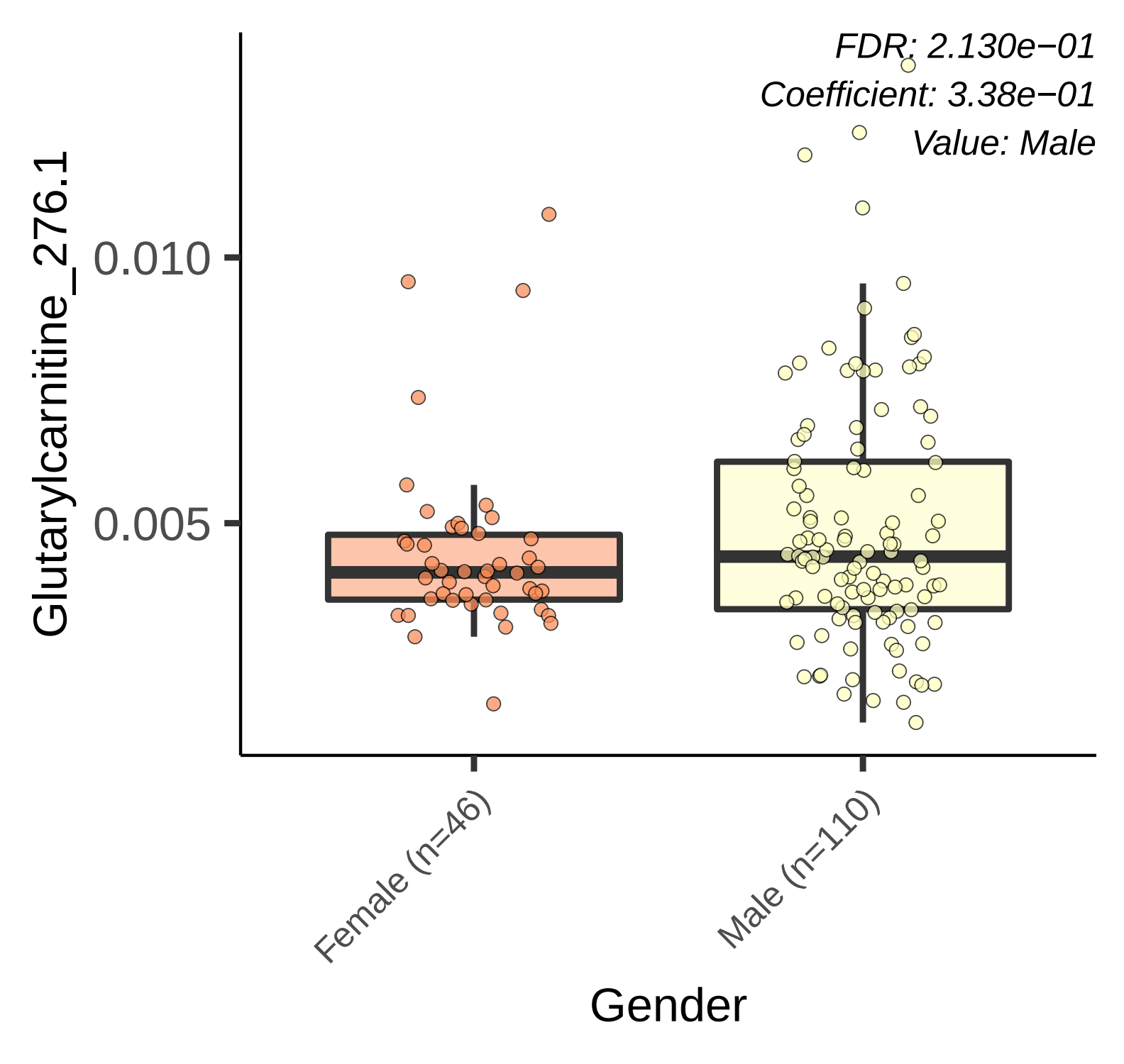

FDR: 1.821e−01
Coefficient: −6.30e−01
Value: Male
Caffeine_195.1
0.075
0.050
0.025
0.000
Female (n=46)
Male (n=110)
Gender

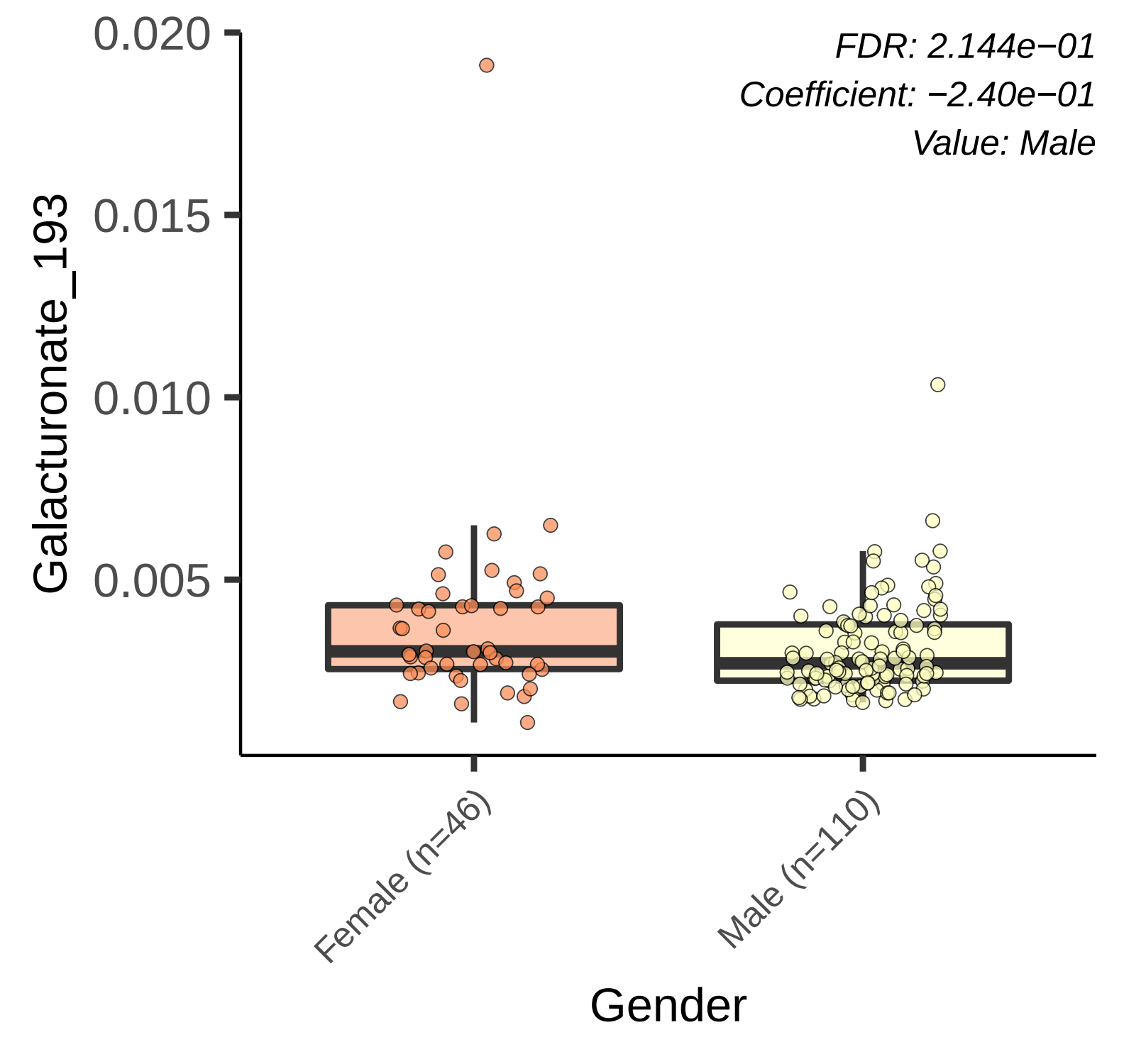

FDR: 1.895e−01
Coefficient: −4.48e−01
Value: Male
cis.10.Nonadecenoic.acid_295.3
0.010
0.005
0.000
Female (n=46)
Male (n=110)
Gender

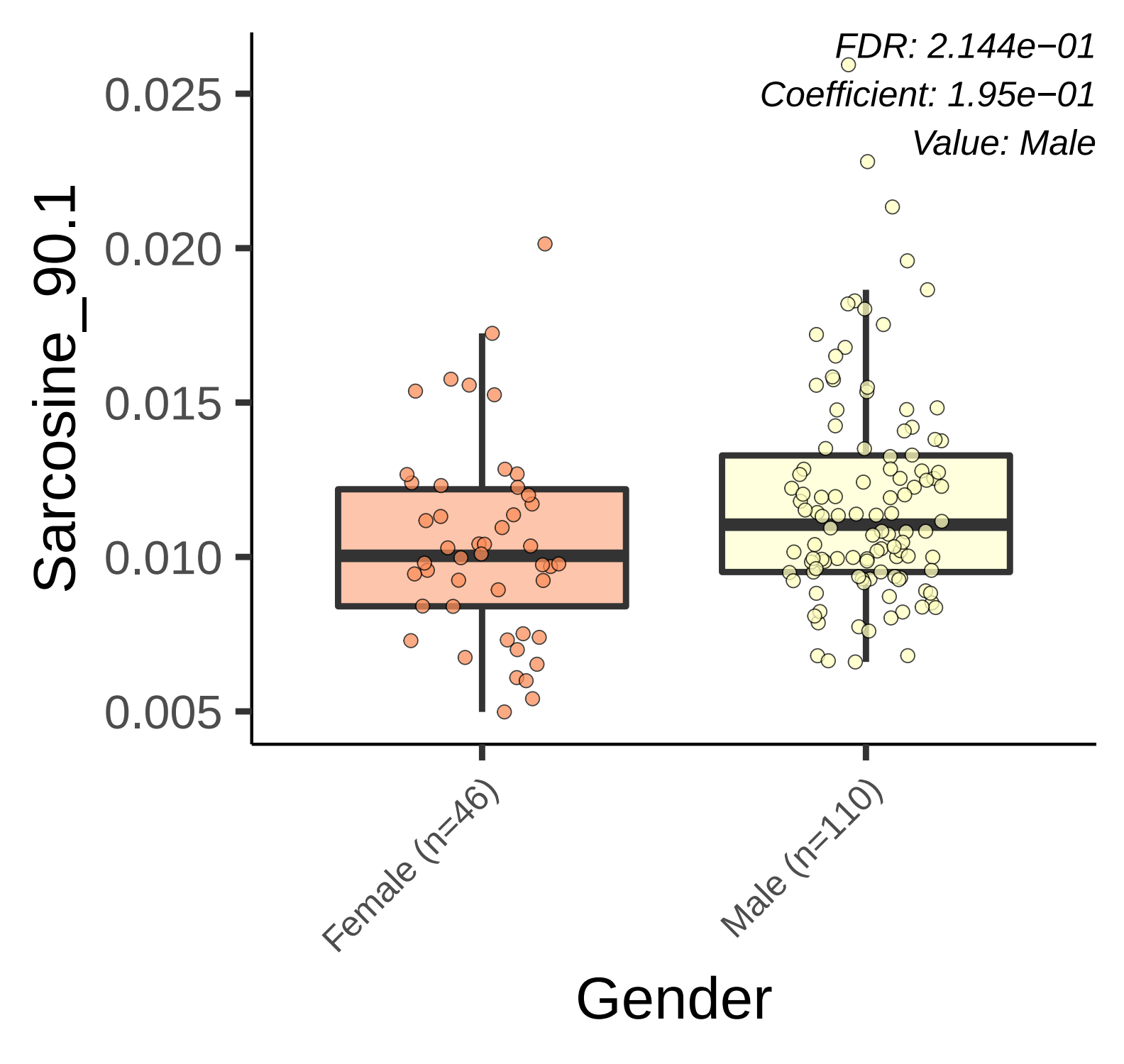

FDR: 1.895e−01
Coefficient: 1.56e−01
Value: Male
Creatinine_114.1
3.0
2.5
2.0
1.5
Female (n=46)
Male (n=110)
Gender

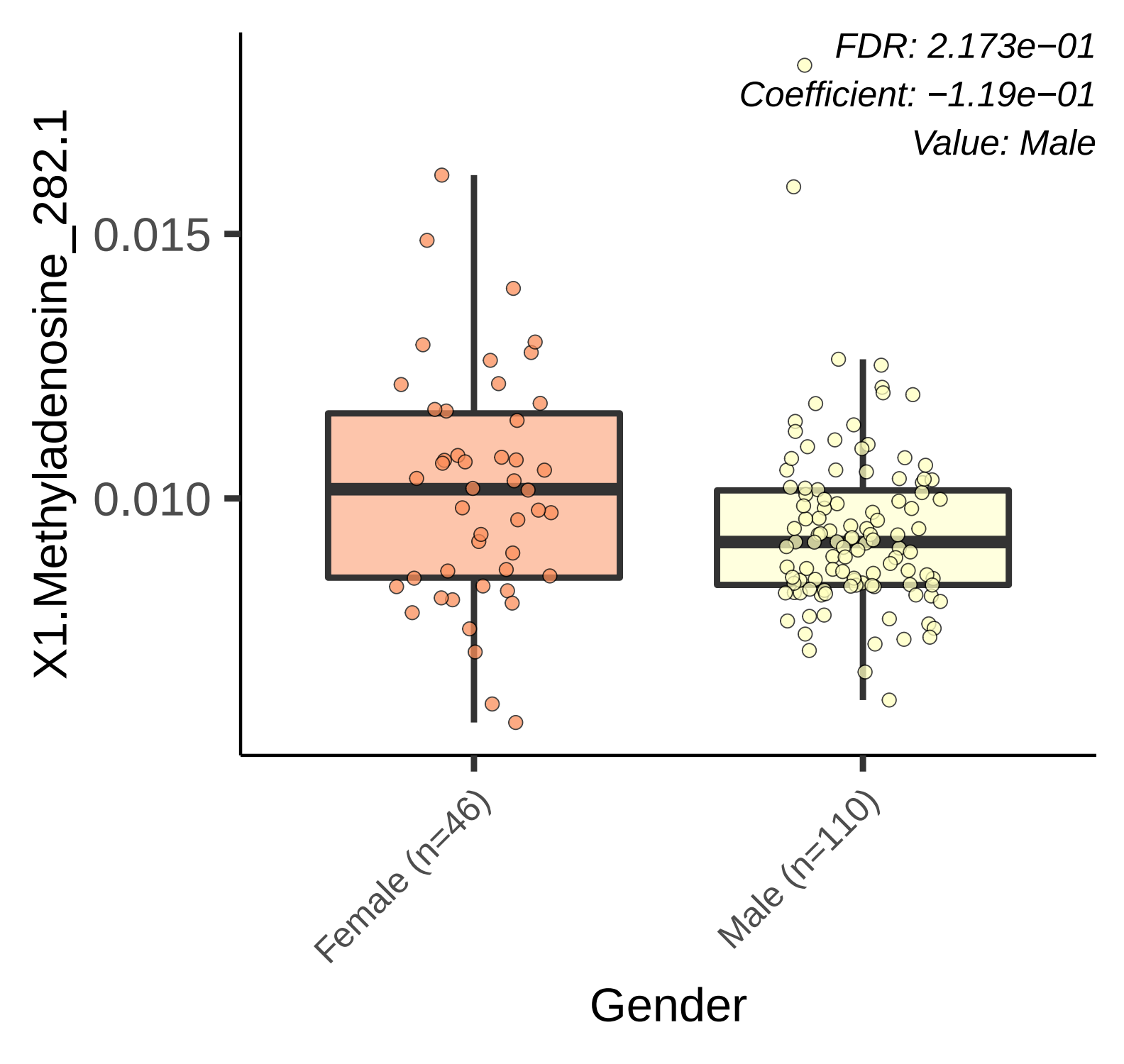

FDR: 1.895e−01
Coefficient: −2.88e−01
Value: Male
Myristic.acid_227.2
0.5
0.4
0.3
0.2
0.1
Female (n=46)
Male (n=110)
Gender

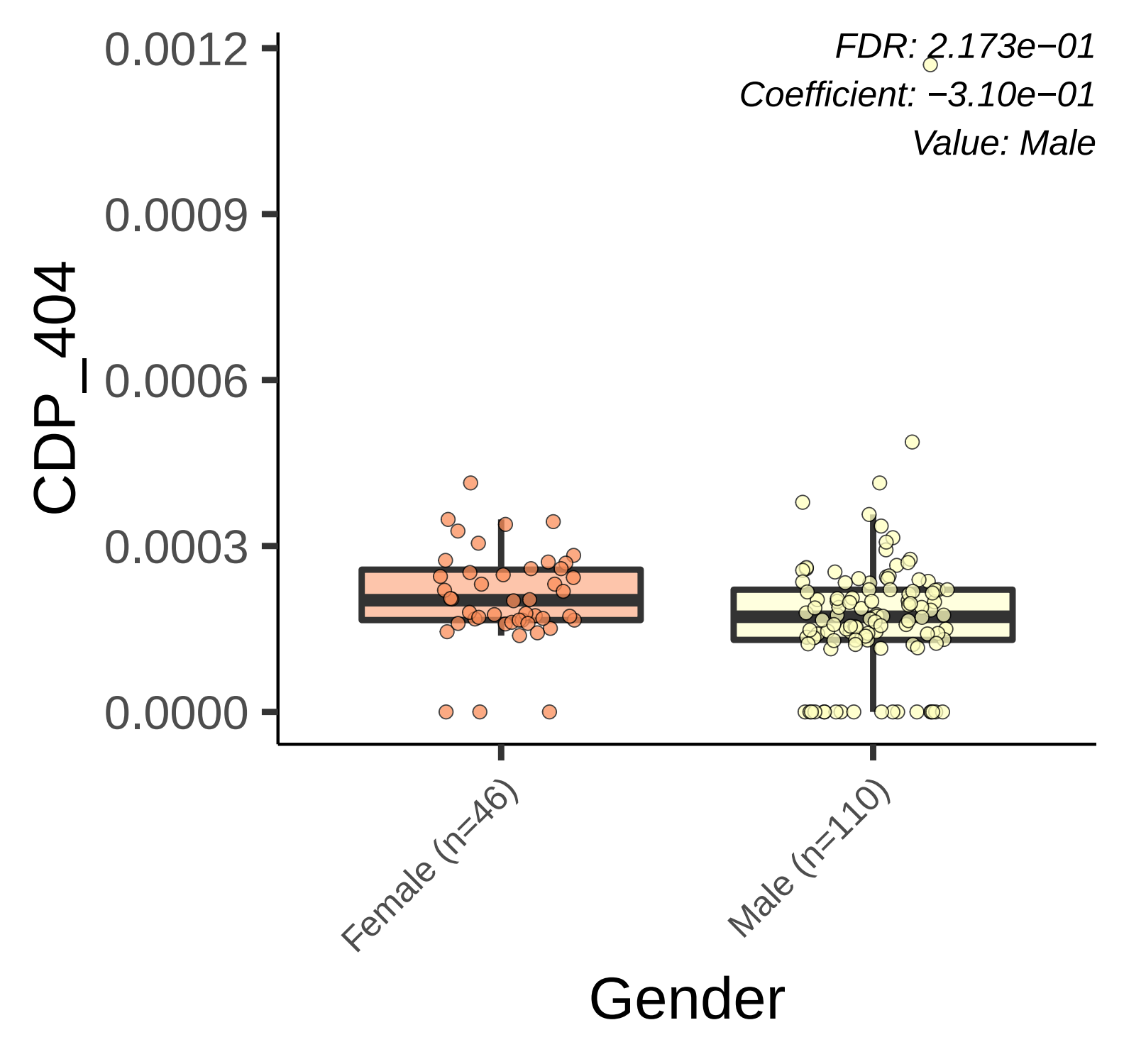

FDR: 1.950e−01
Coefficient: −1.44e−01
Value: Male
N.Acetylputrescine_131.1
0.006
0.005
0.004
0.003
0.002
Female (n=46)
Male (n=110)
Gender

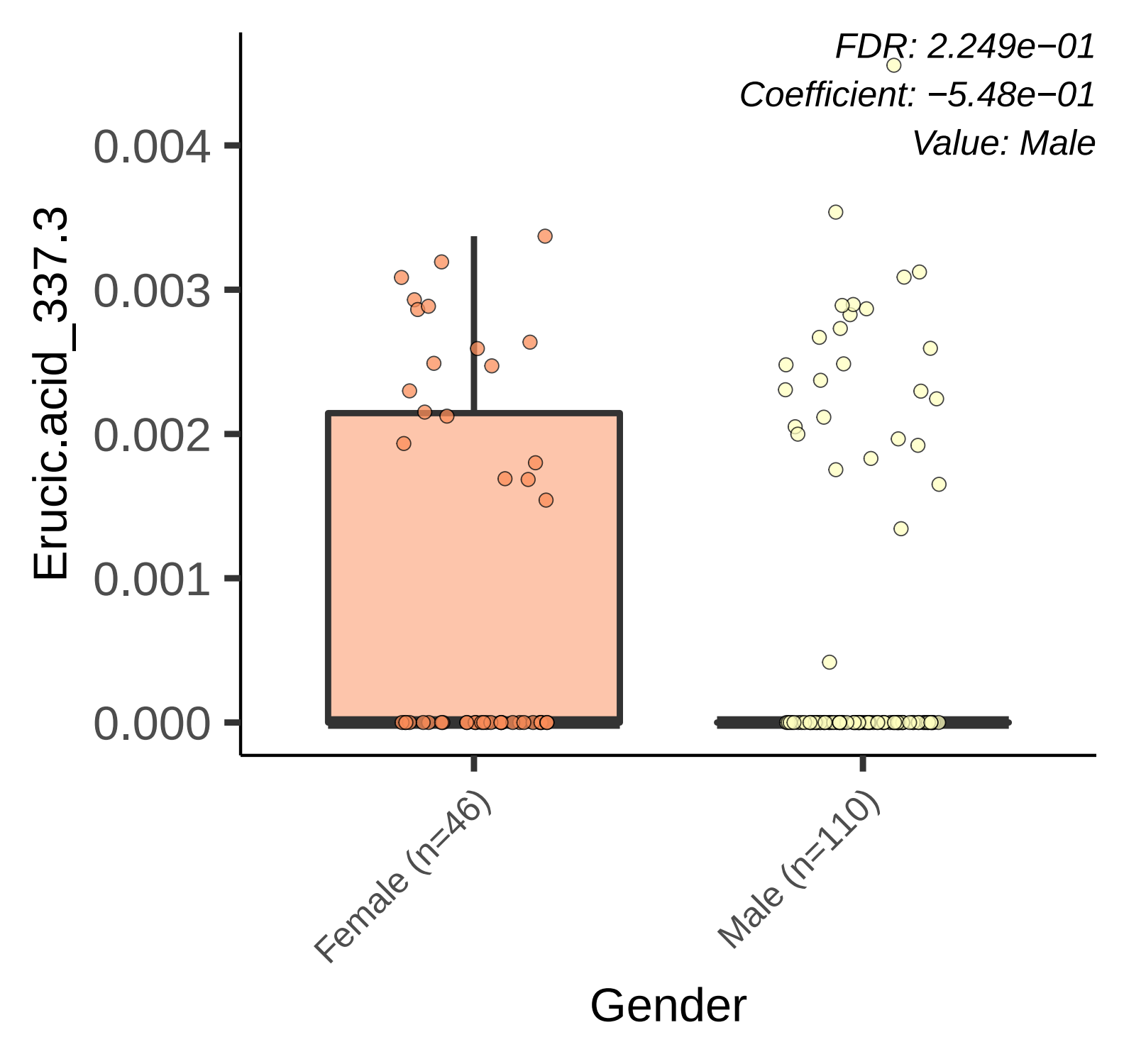

FDR: 2.130e−01
Coefficient: 3.38e−01
Value: Male
Glutarylcarnitine_276.1
0.010
0.005
Female (n=46)
Male (n=110)
Gender

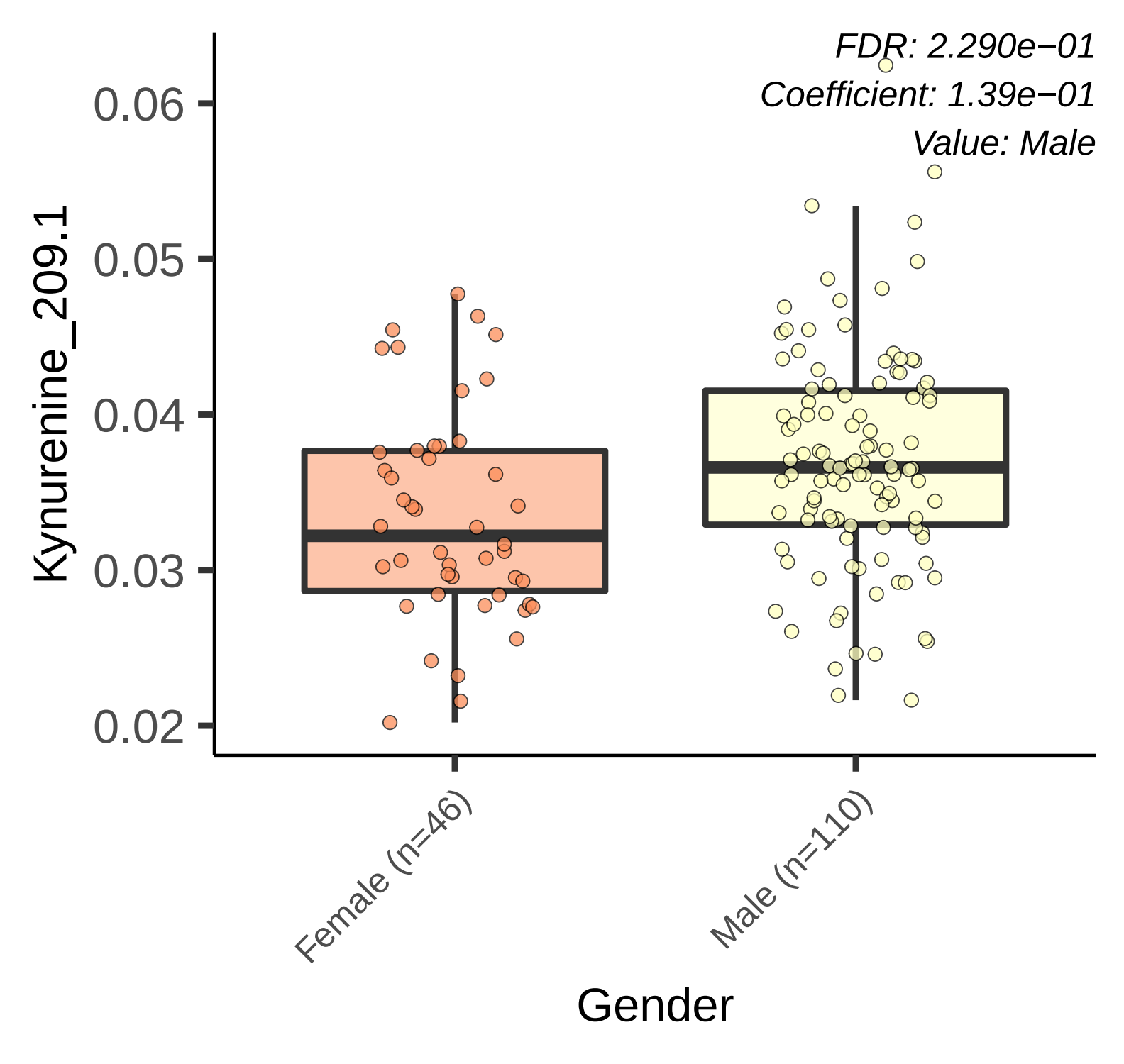

FDR: 2.144e−01
Coefficient: −2.40e−01
Value: Male
0.020
0.015
0.010
0.005
Galacturonate_193
Female (n=46)
Male (n=110)
Gender

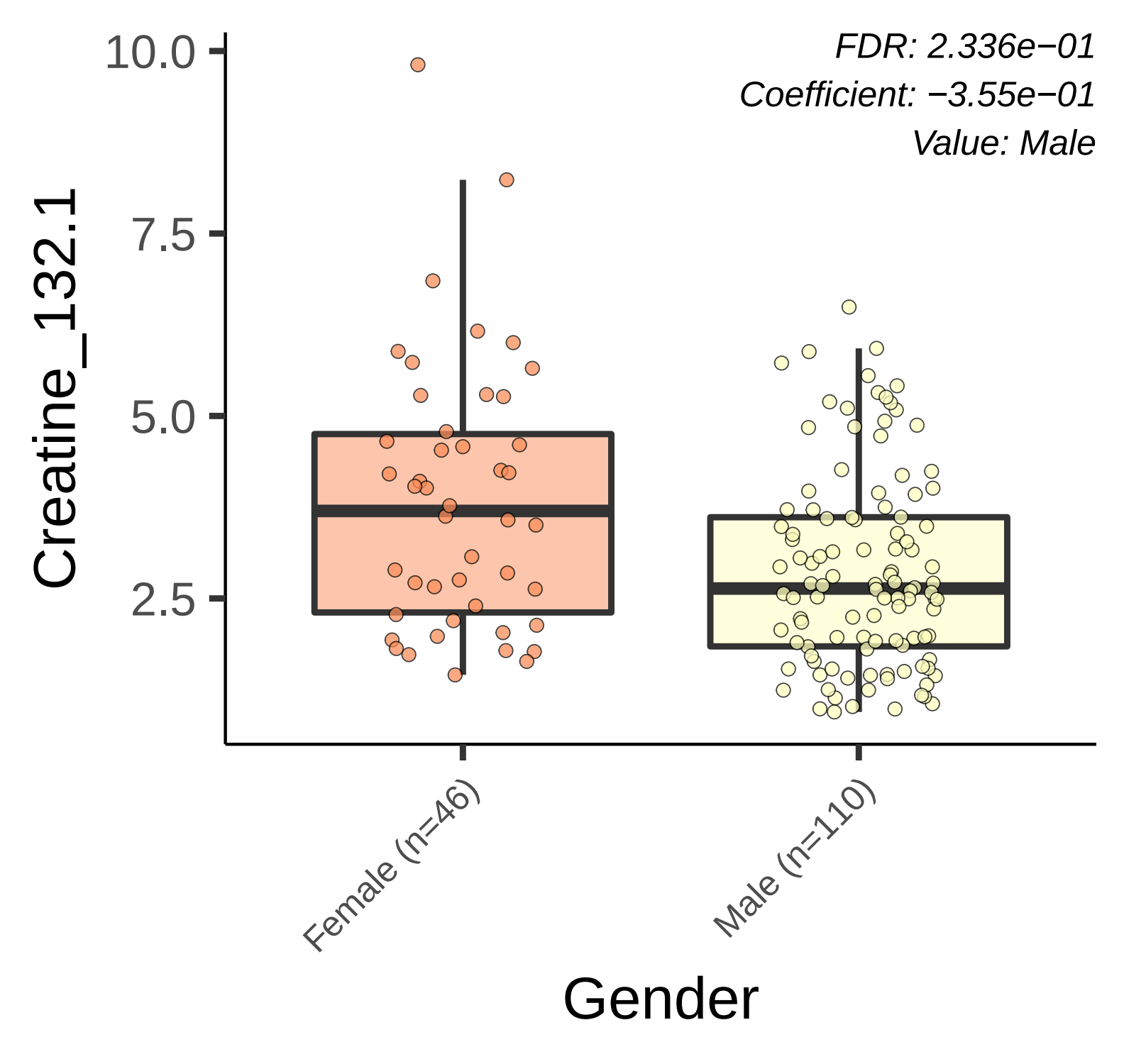

FDR: 2.144e−01
Coefficient: 1.95e−01
Value: Male
Sarcosine_90.1
0.025
0.020
0.015
0.010
0.005
Female (n=46)
Male (n=110)
Gender

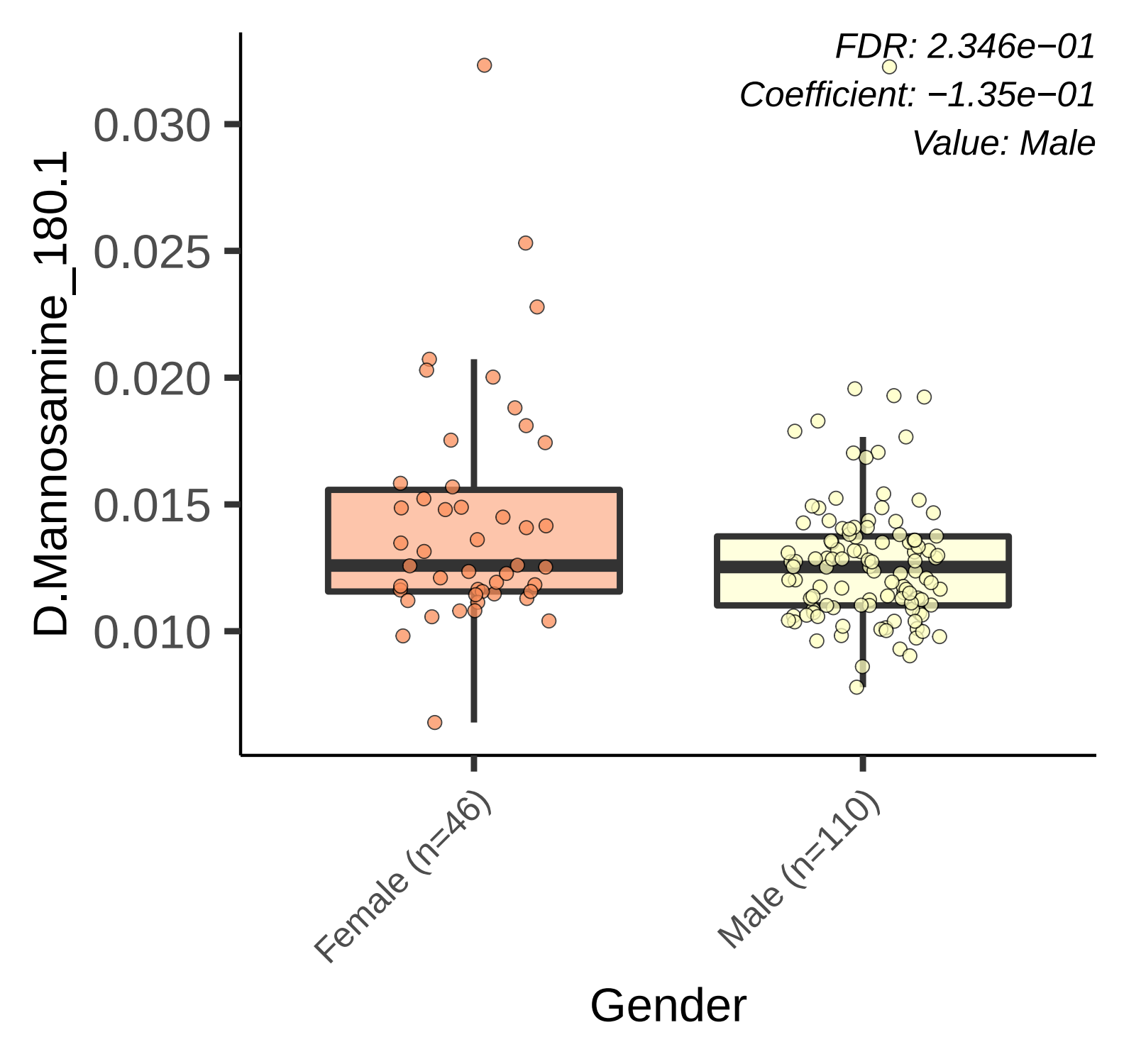

FDR: 2.173e−01
Coefficient: −1.19e−01
Value: Male
X1.Methyladenosine_282.1
0.015
0.010
Female (n=46)
Male (n=110)
Gender

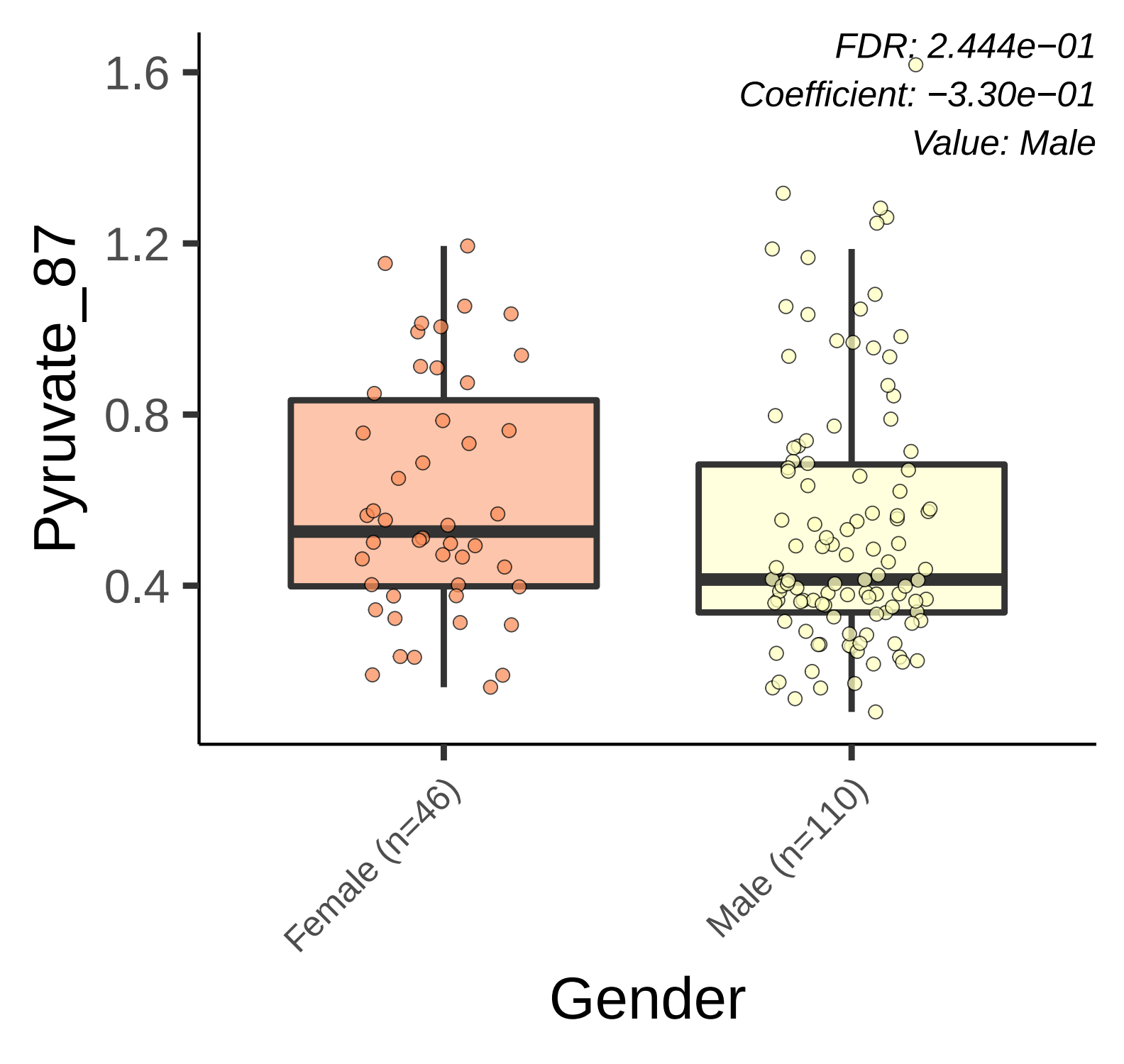

FDR: 2.173e−01
Coefficient: −3.10e−01
Value: Male
CDP_404
0.0012
0.0009
0.0006
0.0003
0.0000
Female (n=46)
Male (n=110)
Gender


FDR: 2.249e−01
Coefficient: −5.48e−01
Value: Male
Erucic.acid_337.3
0.004
0.003
0.002
0.001
0.000
Female (n=46)
Male (n=110)
Gender


FDR: 2.290e−01
Coefficient: 1.39e−01
Value: Male
Kynurenine_209.1
0.06
0.05
0.04
0.03
0.02
Female (n=46)
Male (n=110)
Gender


FDR: 2.336e−01
Coefficient: −3.55e−01
Value: Male
Creatine_132.1
10.0
7.5
5.0
2.5
Female (n=46)
Male (n=110)
Gender


FDR: 2.346e−01
Coefficient: −1.35e−01
Value: Male
D.Mannosamine_180.1
0.030
0.025
0.020
0.015
0.010
Female (n=46)
Male (n=110)
Gender


FDR: 2.444e−01
Coefficient: −3.30e−01
Value: Male
Pyruvate_87
1.6
1.2
0.8
0.4
Female (n=46)
Male (n=110)
Gender