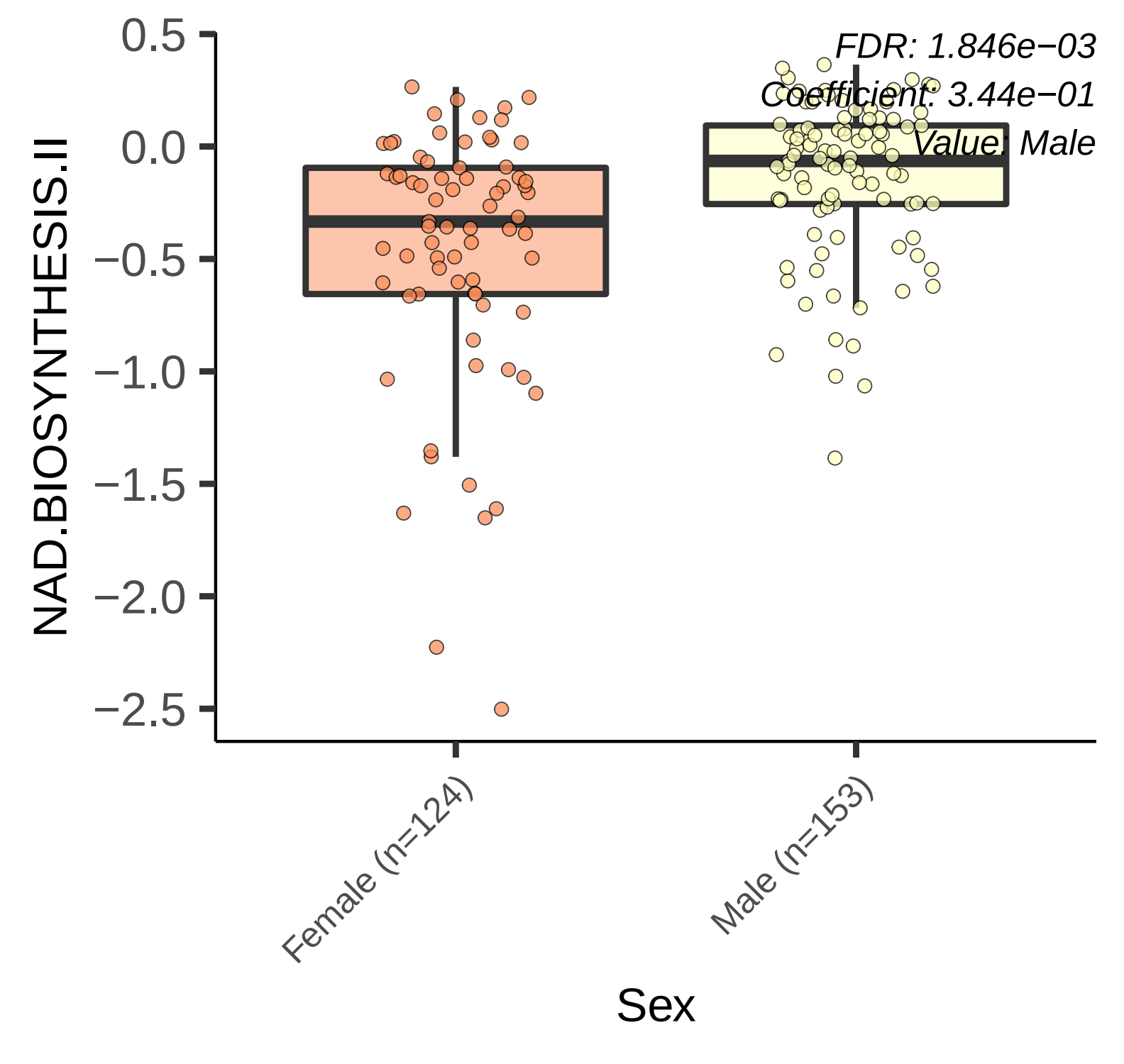
FDR: 1.846e−03
Coefficient: 3.44e−01
Value: Male
NAD.BIOSYNTHESIS.II
0.5
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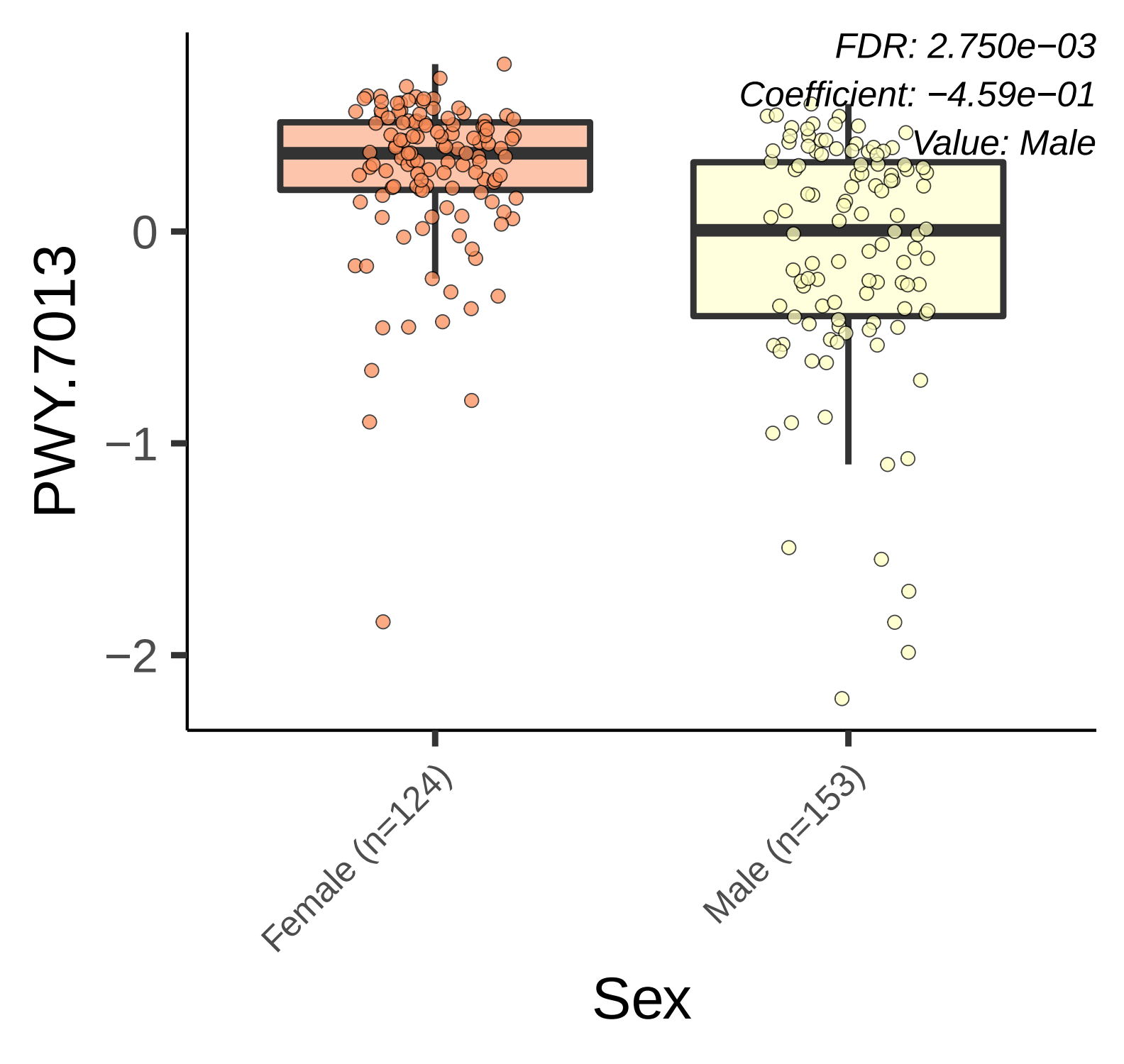
−0.5
−1.0
−1.5
−2.0
−2.5
Female (n=124)
Male (n=153)
Sex


FDR: 2.750e−03
Coefficient: −4.59e−01
Value: Male
PWY.7013
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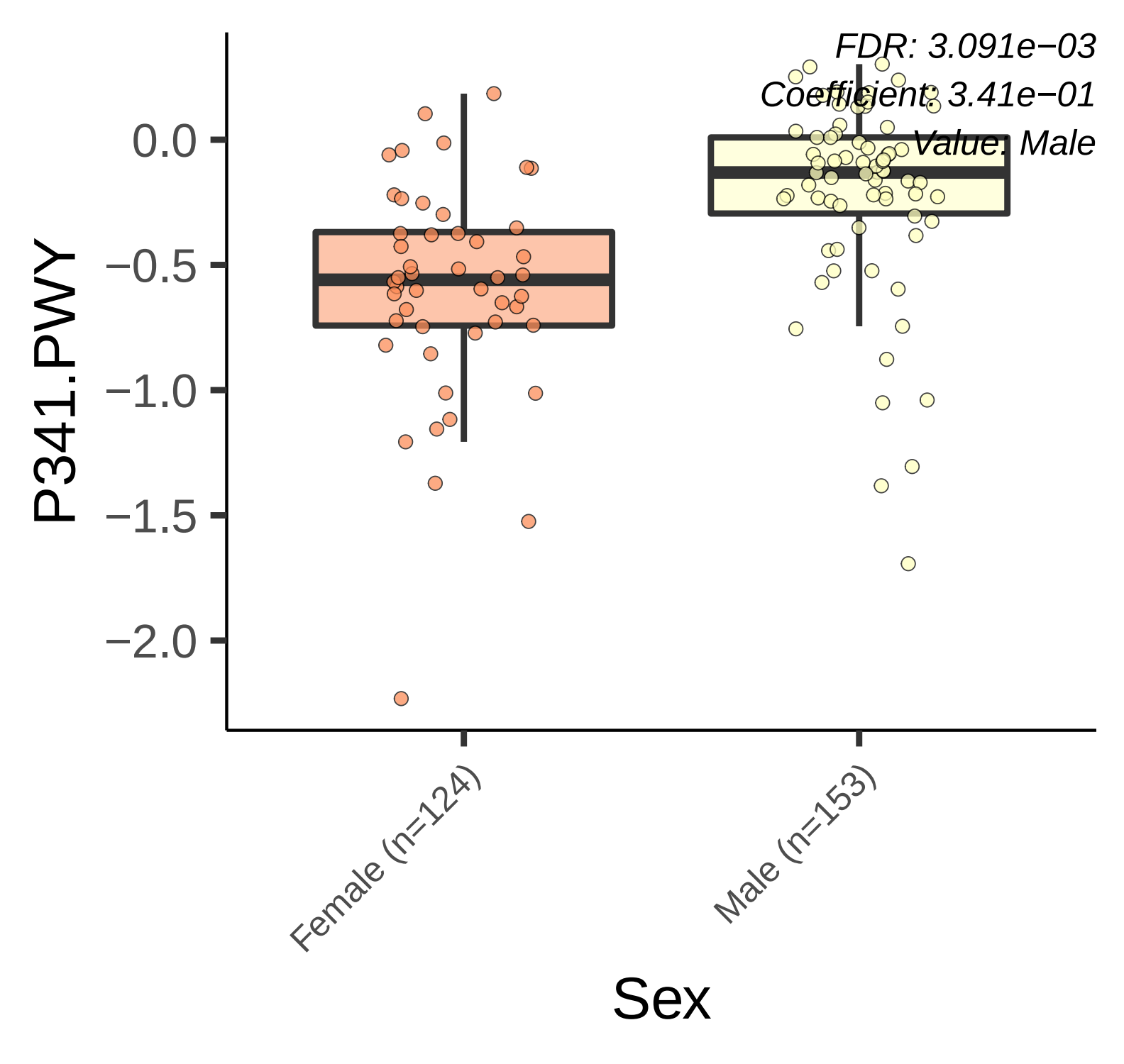
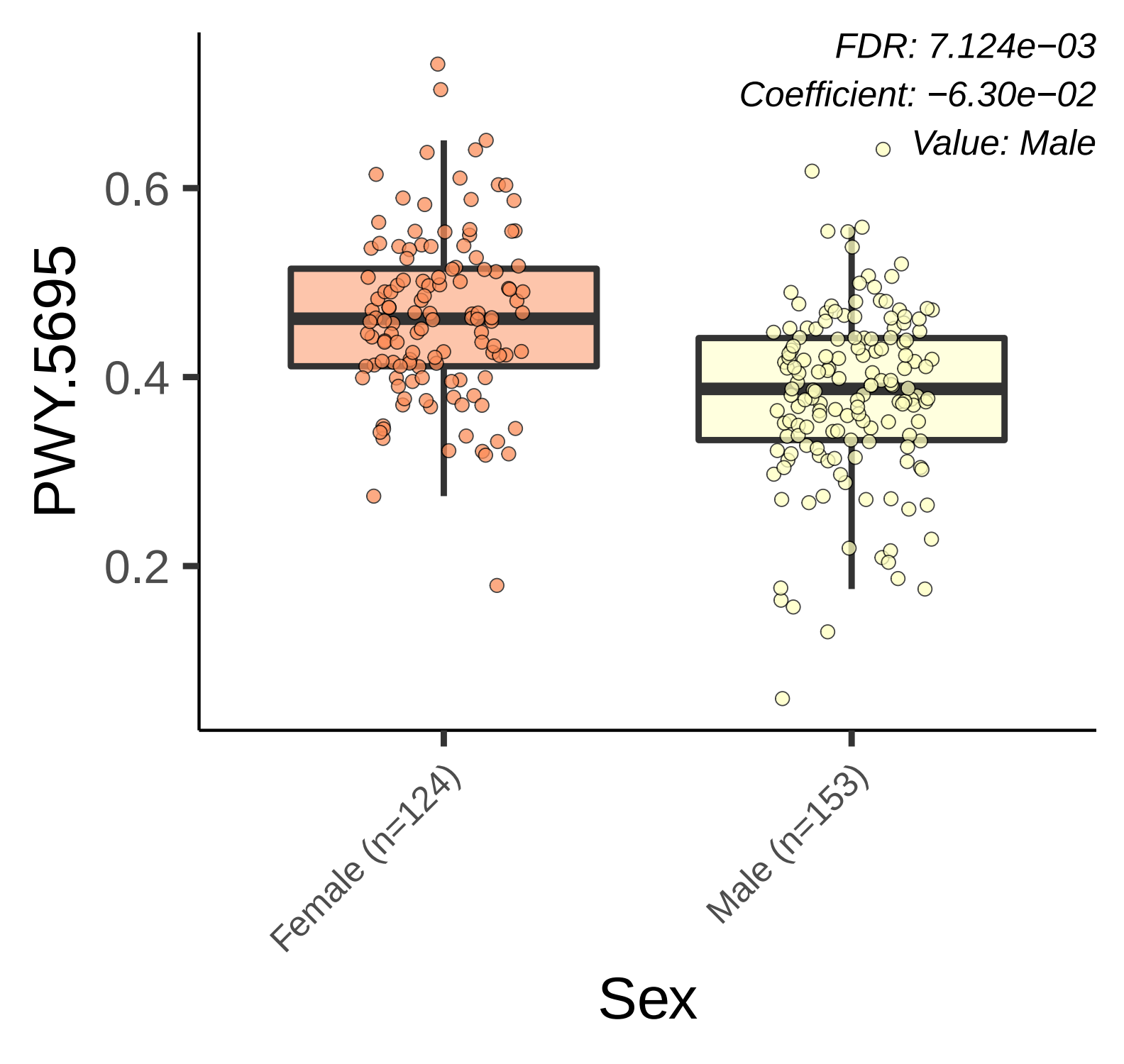
−2
Female (n=124)
Male (n=153)
Sex


FDR: 3.091e−03
Coefficient: 3.41e−01
Value: Male
0.0
−0.5
−1.0
−1.5
−2.0
P341.PWY
Female (n=124)
Male (n=153)
Sex


FDR: 7.124e−03
Coefficient: −6.30e−02
Value: Male
PWY.5695
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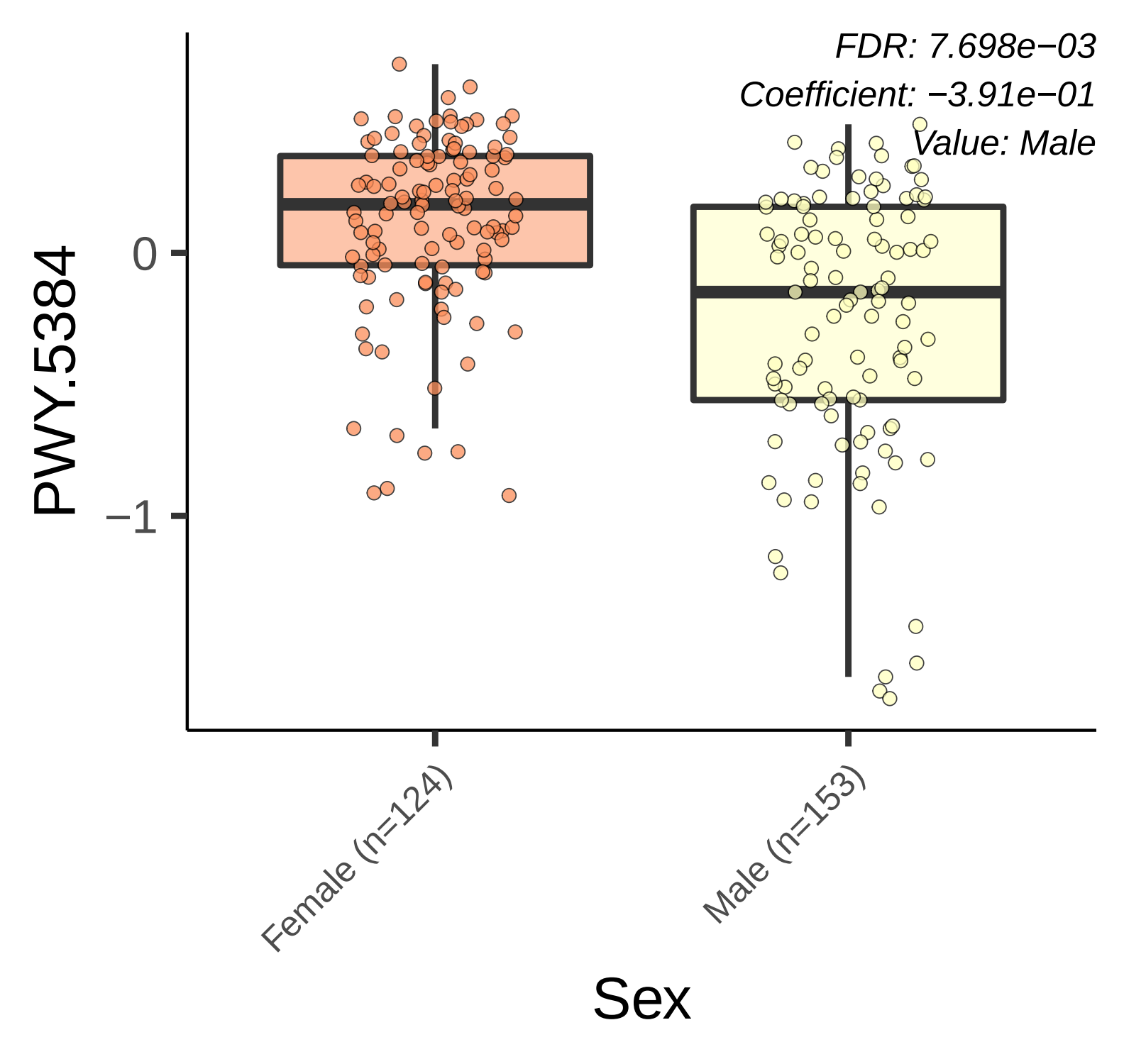
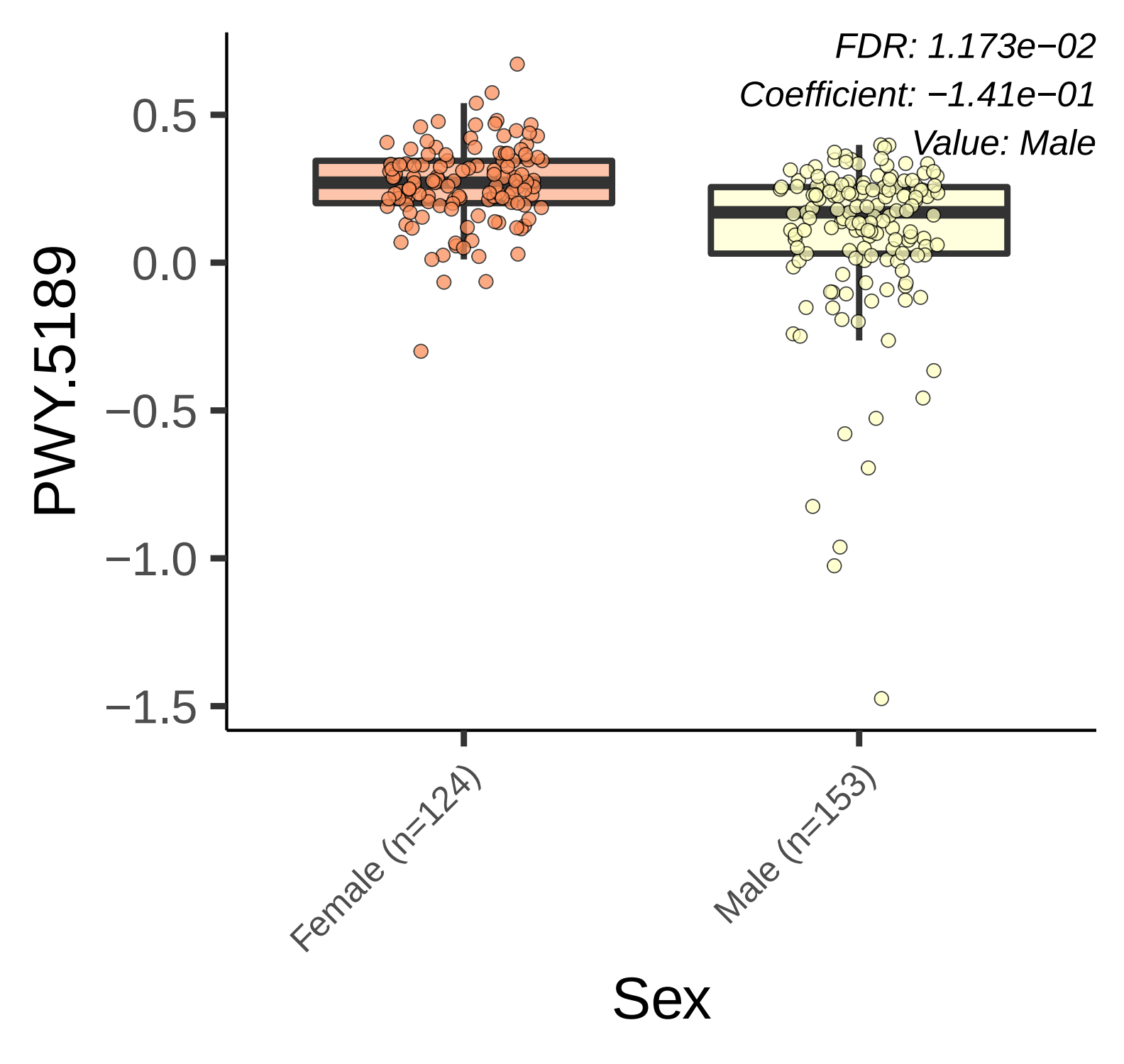
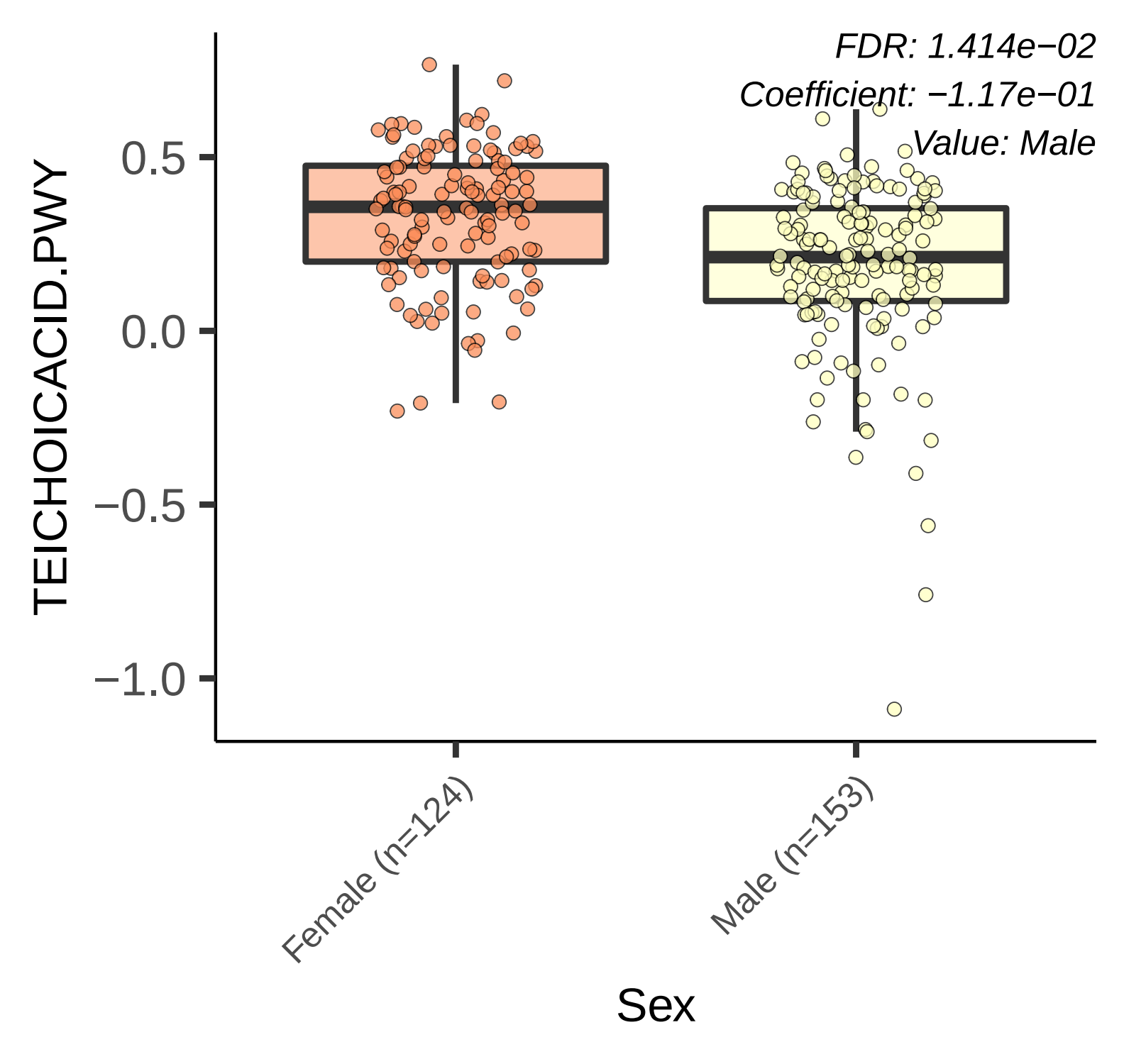
0.4
0.2
Female (n=124)
Male (n=153)
Sex


FDR: 7.698e−03
Coefficient: −3.91e−01
Value: Male
PWY.5384
0
−1
Female (n=124)
Male (n=153)
Sex


FDR: 1.173e−02
Coefficient: −1.41e−01
Value: Male
PWY.5189
0.5
0.0
−0.5
−1.0
−1.5
Female (n=124)
Male (n=153)
Sex


FDR: 1.414e−02
Coefficient: −1.17e−01
Value: Male
TEICHOICACID.PWY
0.5
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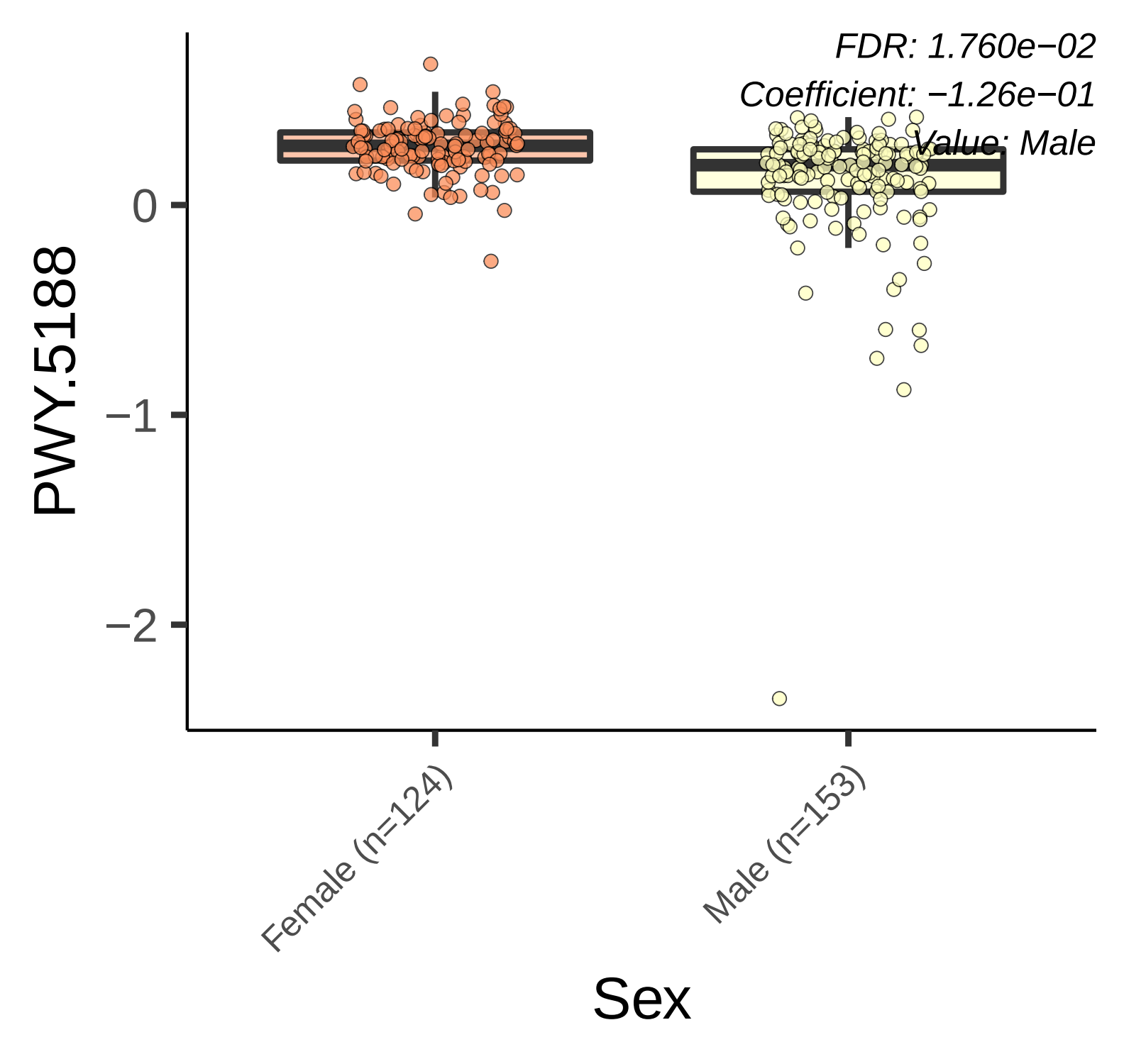
−0.5
−1.0
Female (n=124)
Male (n=153)
Sex


FDR: 1.760e−02
Coefficient: −1.26e−01
Value: Male
PWY.5188
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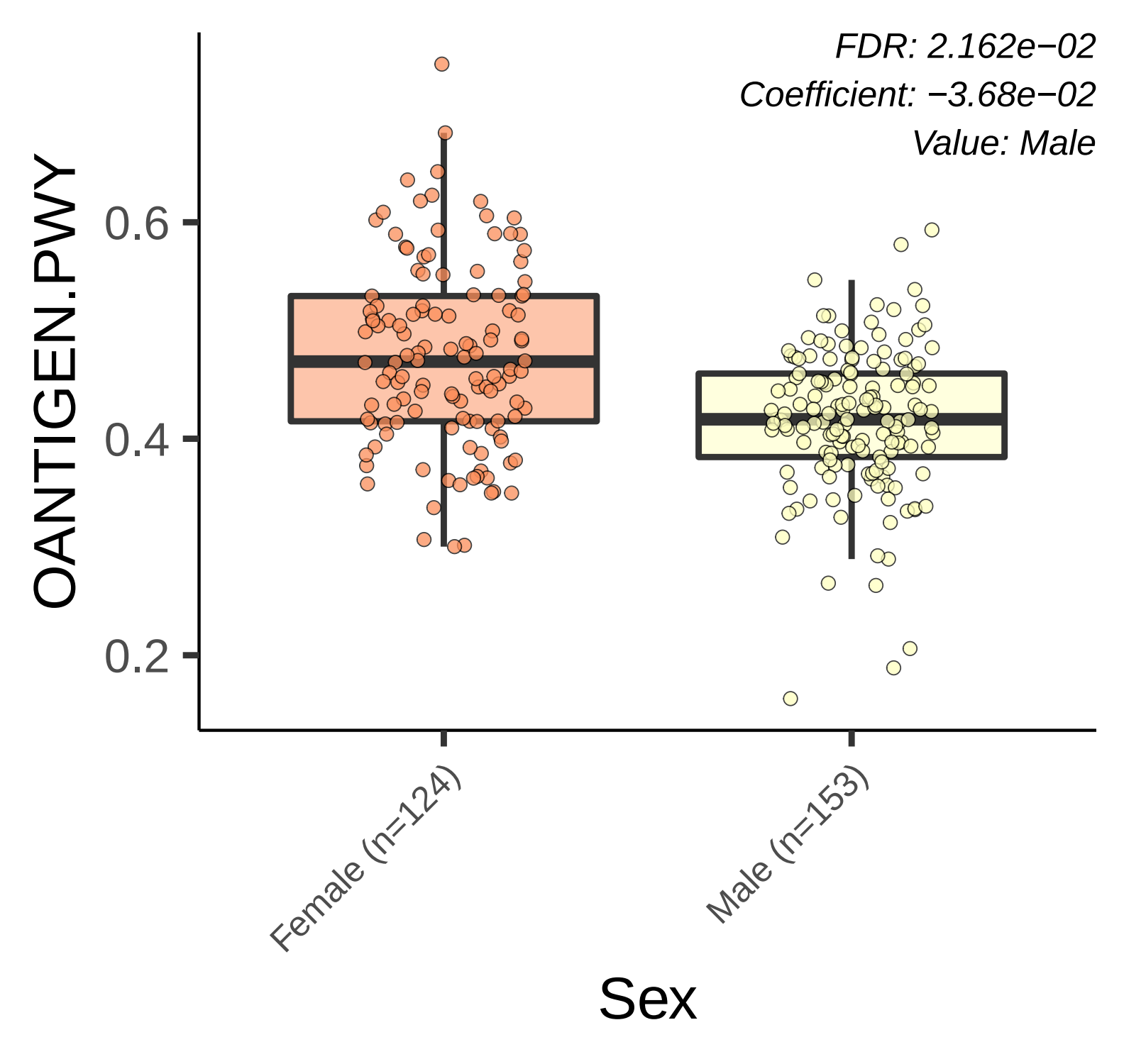
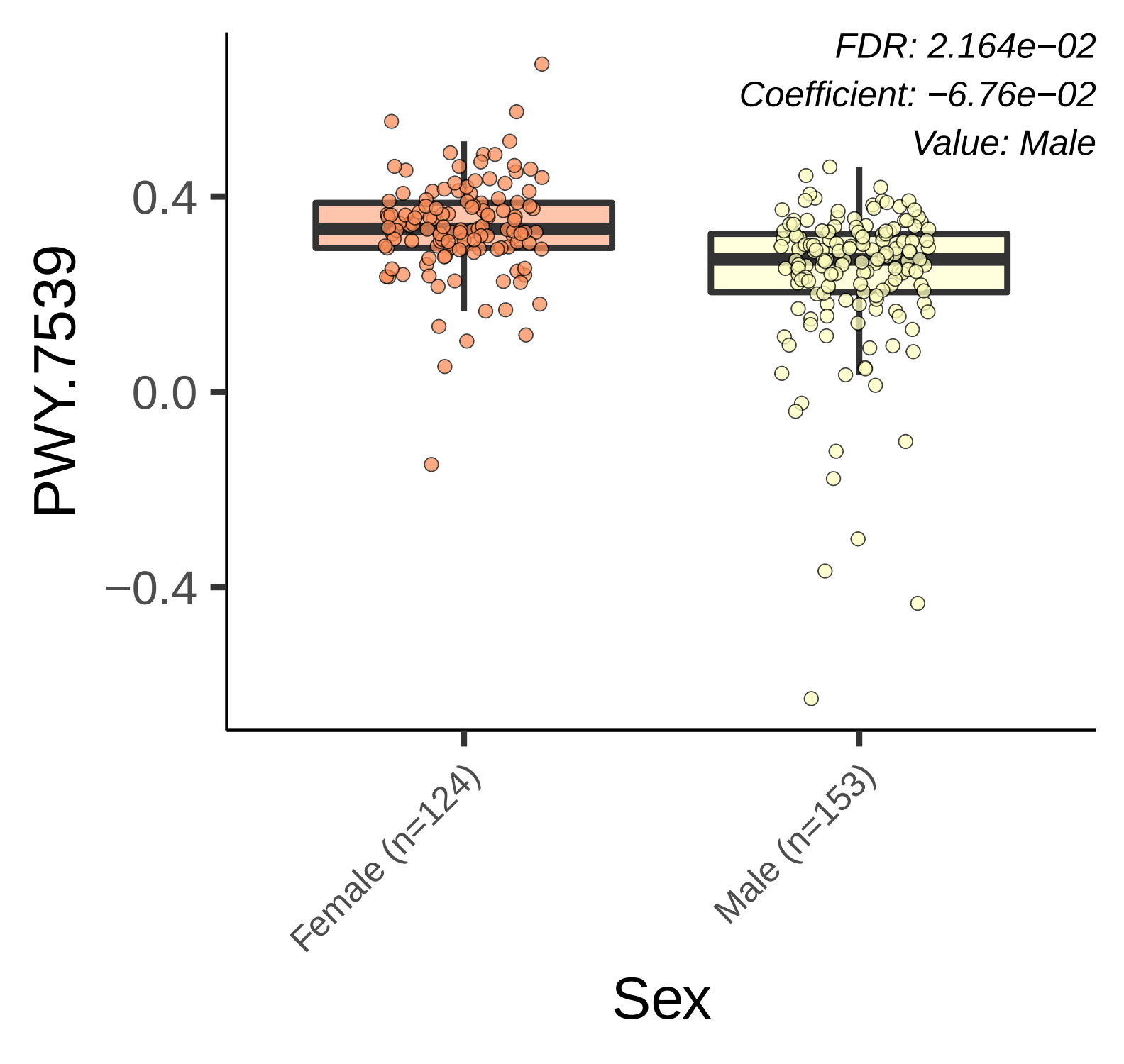
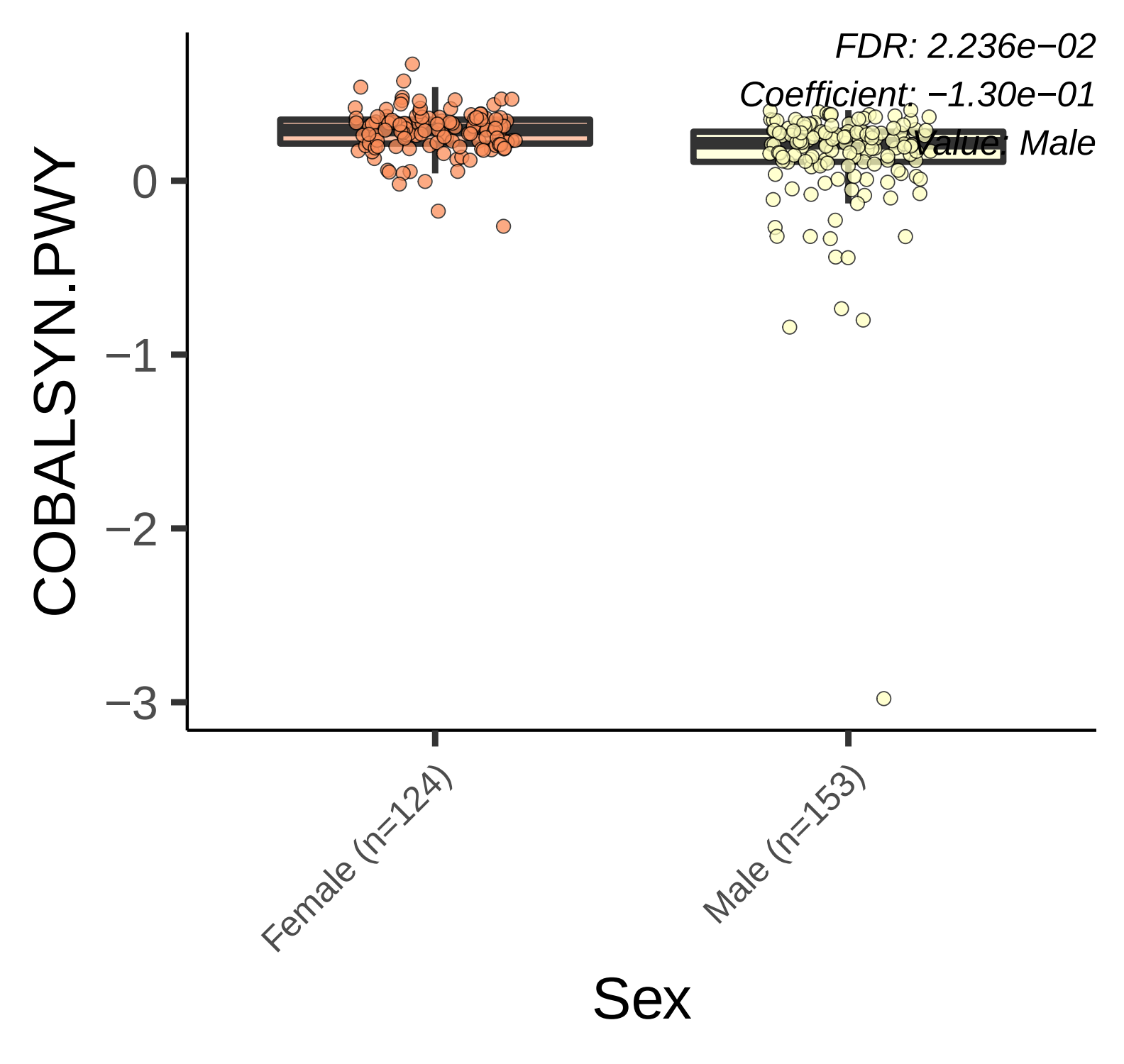
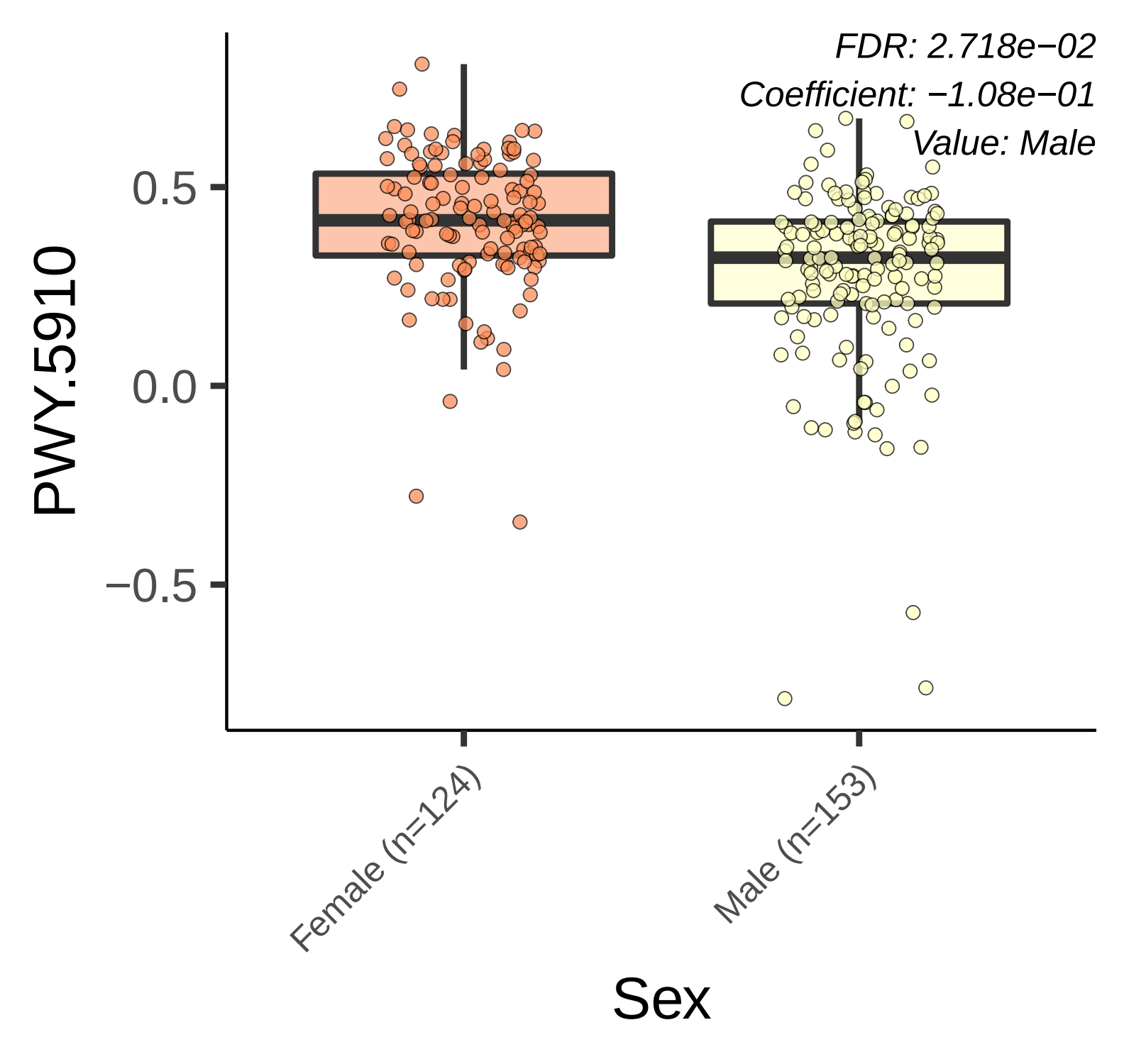
−1
−2
Female (n=124)
Male (n=153)
Sex


FDR: 2.162e−02
Coefficient: −3.68e−02
Value: Male
OANTIGEN.PWY
0.6
0.4
0.2
Female (n=124)
Male (n=153)
Sex


FDR: 2.164e−02
Coefficient: −6.76e−02
Value: Male
PWY.7539
0.4
0.0
−0.4
Female (n=124)
Male (n=153)
Sex


FDR: 2.236e−02
Coefficient: −1.30e−01
Value: Male
COBALSYN.PWY
0
−1
−2
−3
Female (n=124)
Male (n=153)
Sex


FDR: 2.718e−02
Coefficient: −1.08e−01
Value: Male
PWY.5910
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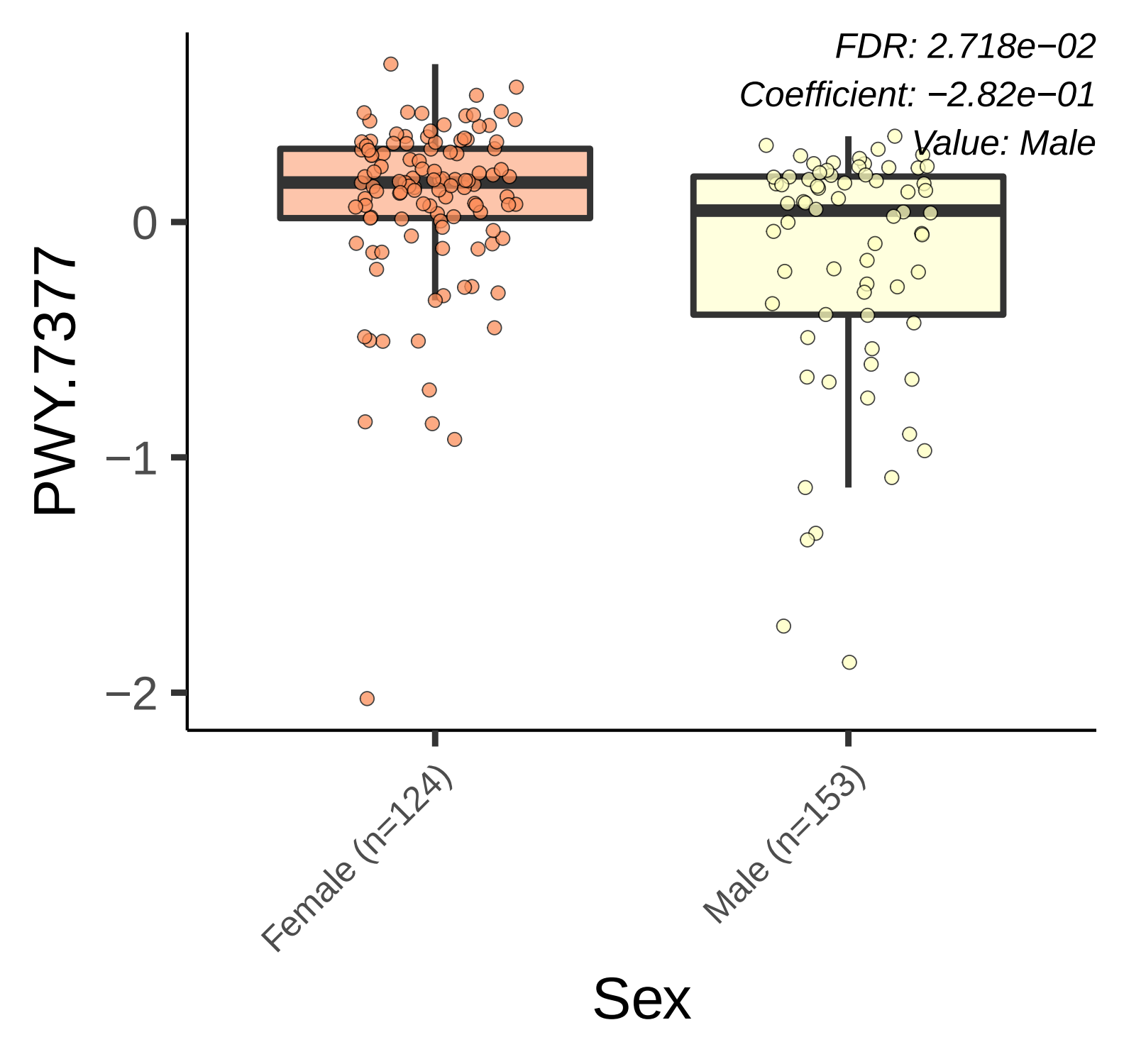
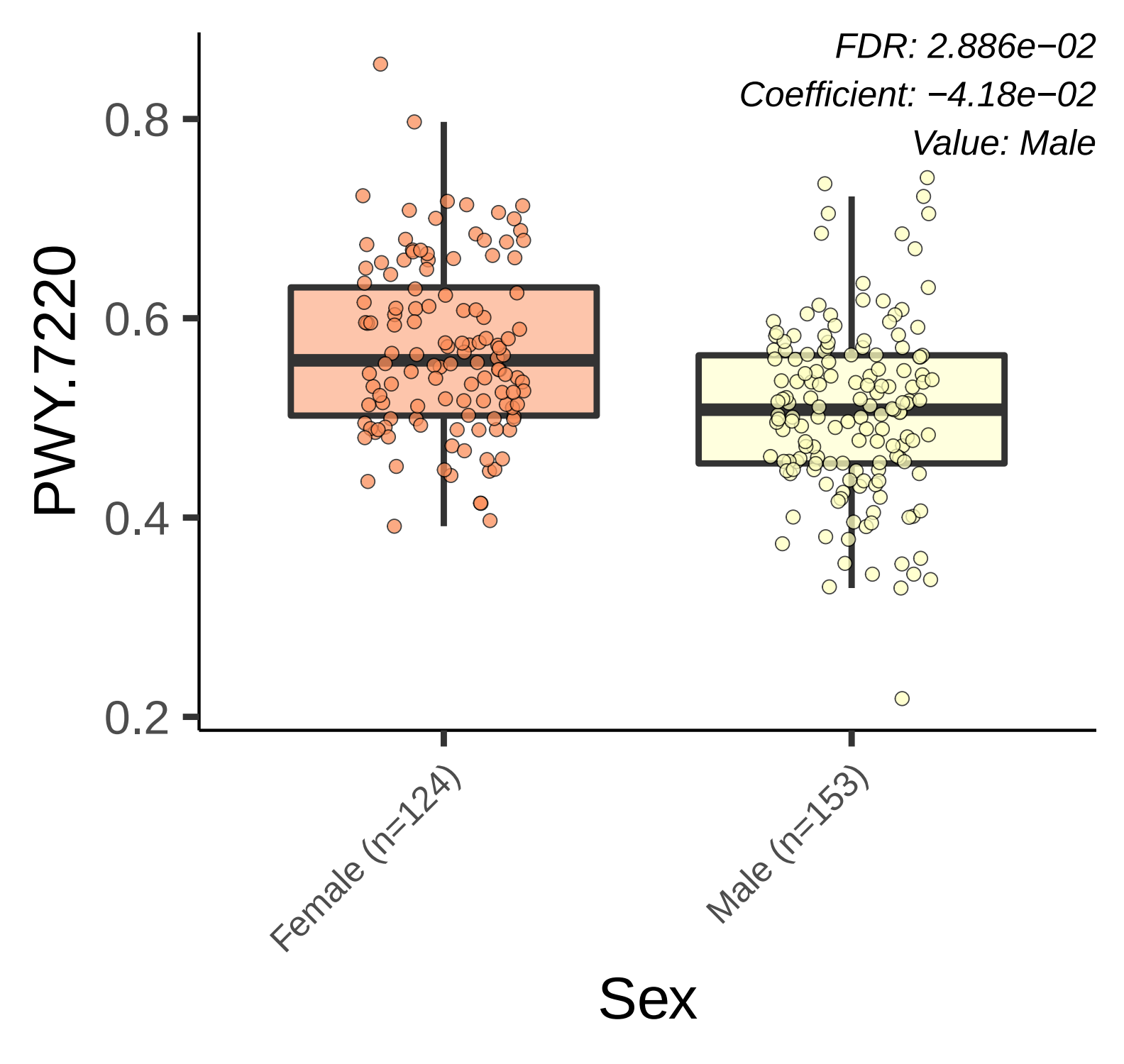
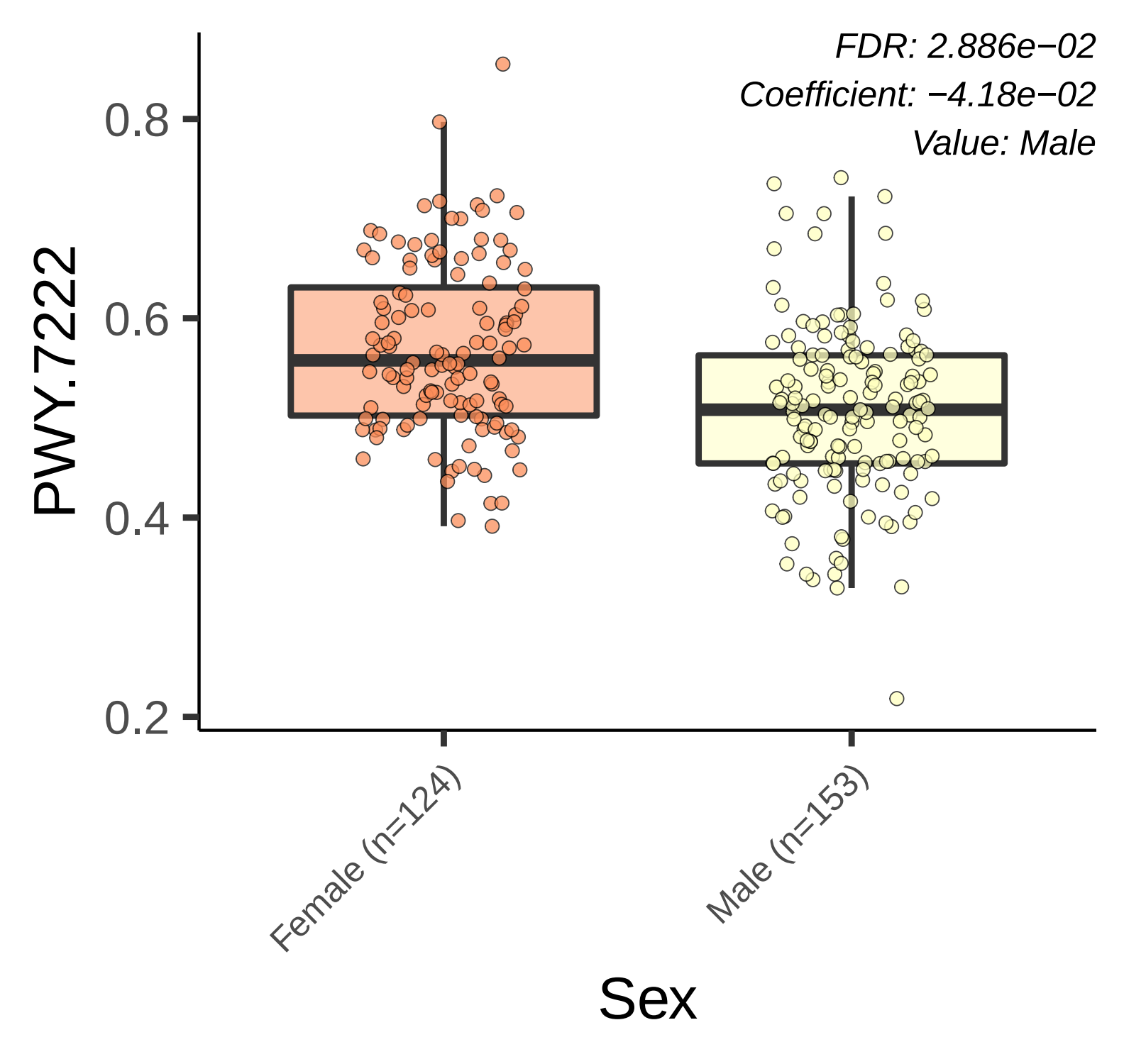
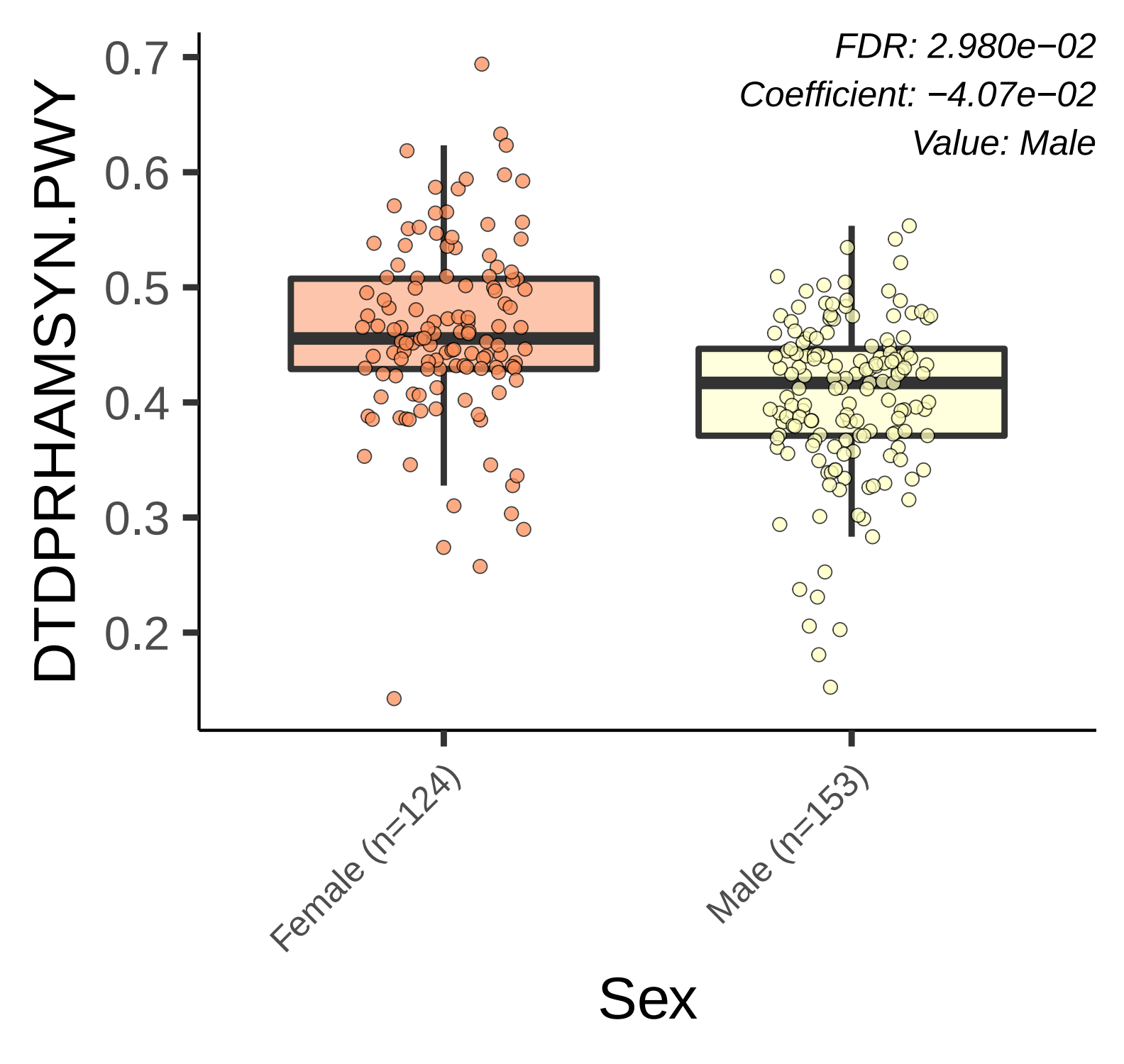
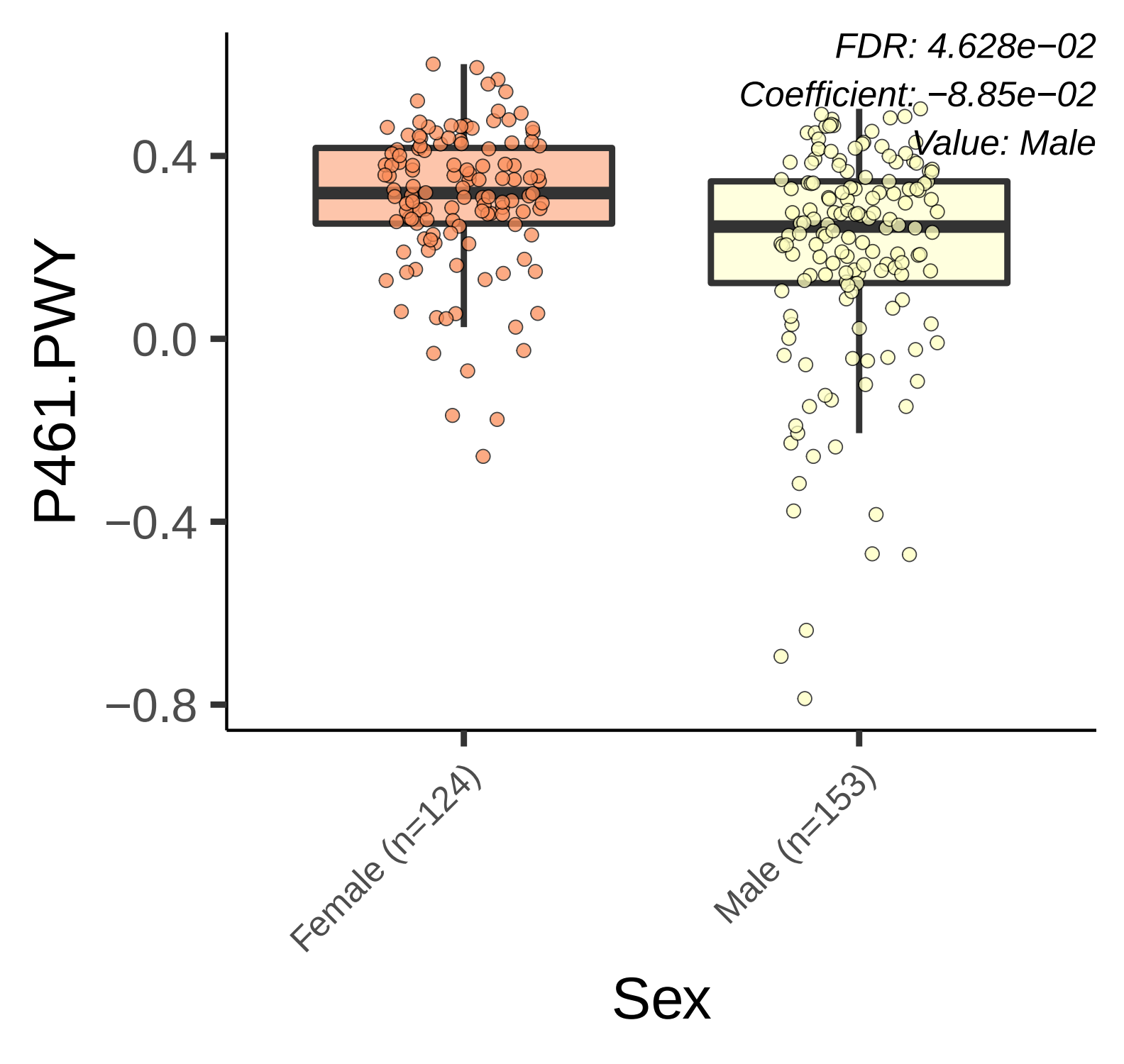
0.0
−0.5
Female (n=124)
Male (n=153)
Sex


FDR: 2.718e−02
Coefficient: −2.82e−01
Value: Male
PWY.7377
0
−1
−2
Female (n=124)
Male (n=153)
Sex


FDR: 2.886e−02
Coefficient: −4.18e−02
Value: Male
PWY.7220
0.8
0.6
0.4
0.2
Female (n=124)
Male (n=153)
Sex


FDR: 2.886e−02
Coefficient: −4.18e−02
Value: Male
PWY.7222
0.8
0.6
0.4
0.2
Female (n=124)
Male (n=153)
Sex


FDR: 2.980e−02
Coefficient: −4.07e−02
Value: Male
DTDPRHAMSYN.PWY
0.7
0.6
0.5
0.4
0.3
0.2
Female (n=124)
Male (n=153)
Sex


FDR: 4.628e−02
Coefficient: −8.85e−02
Value: Male
P461.PWY
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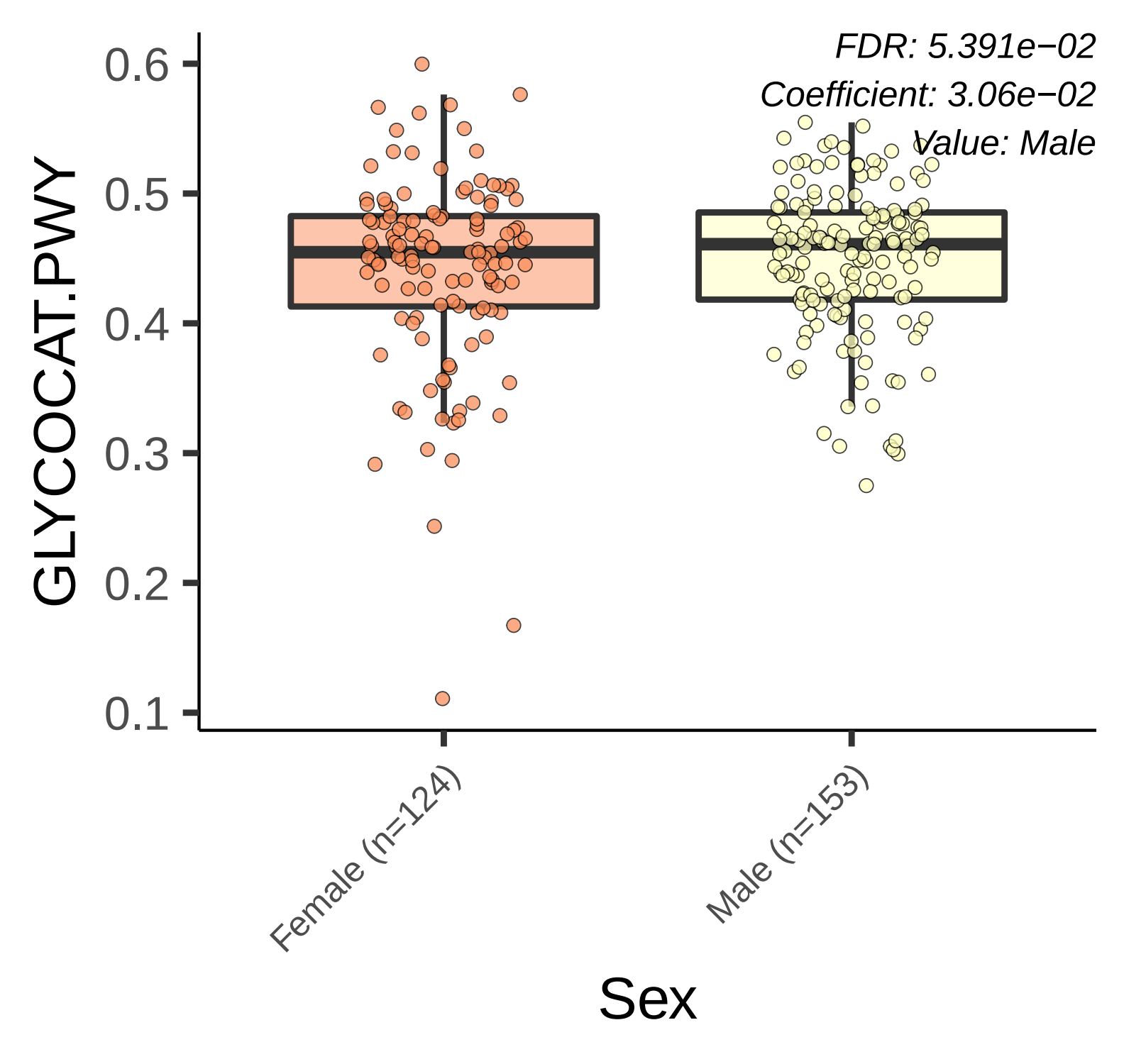
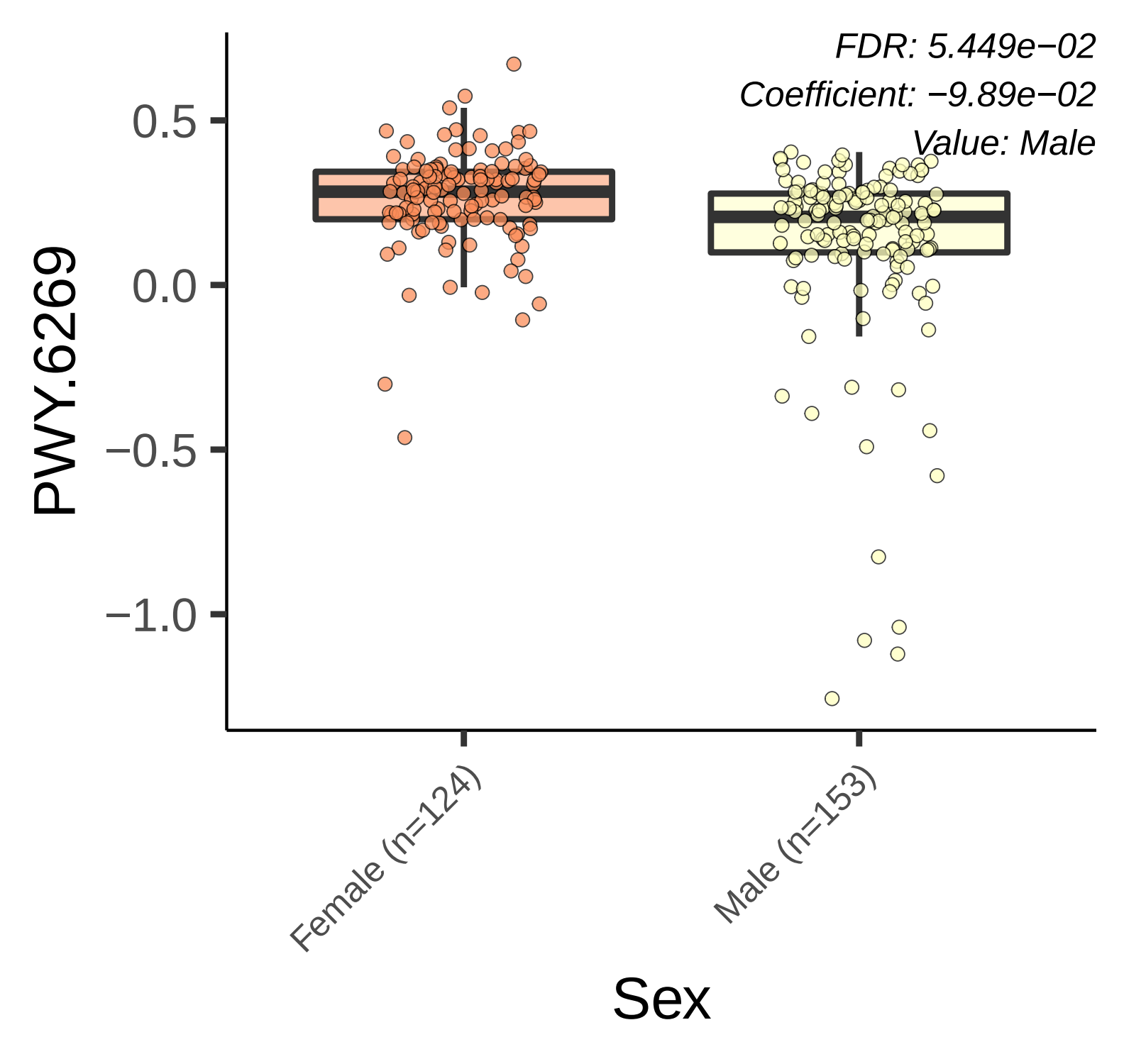
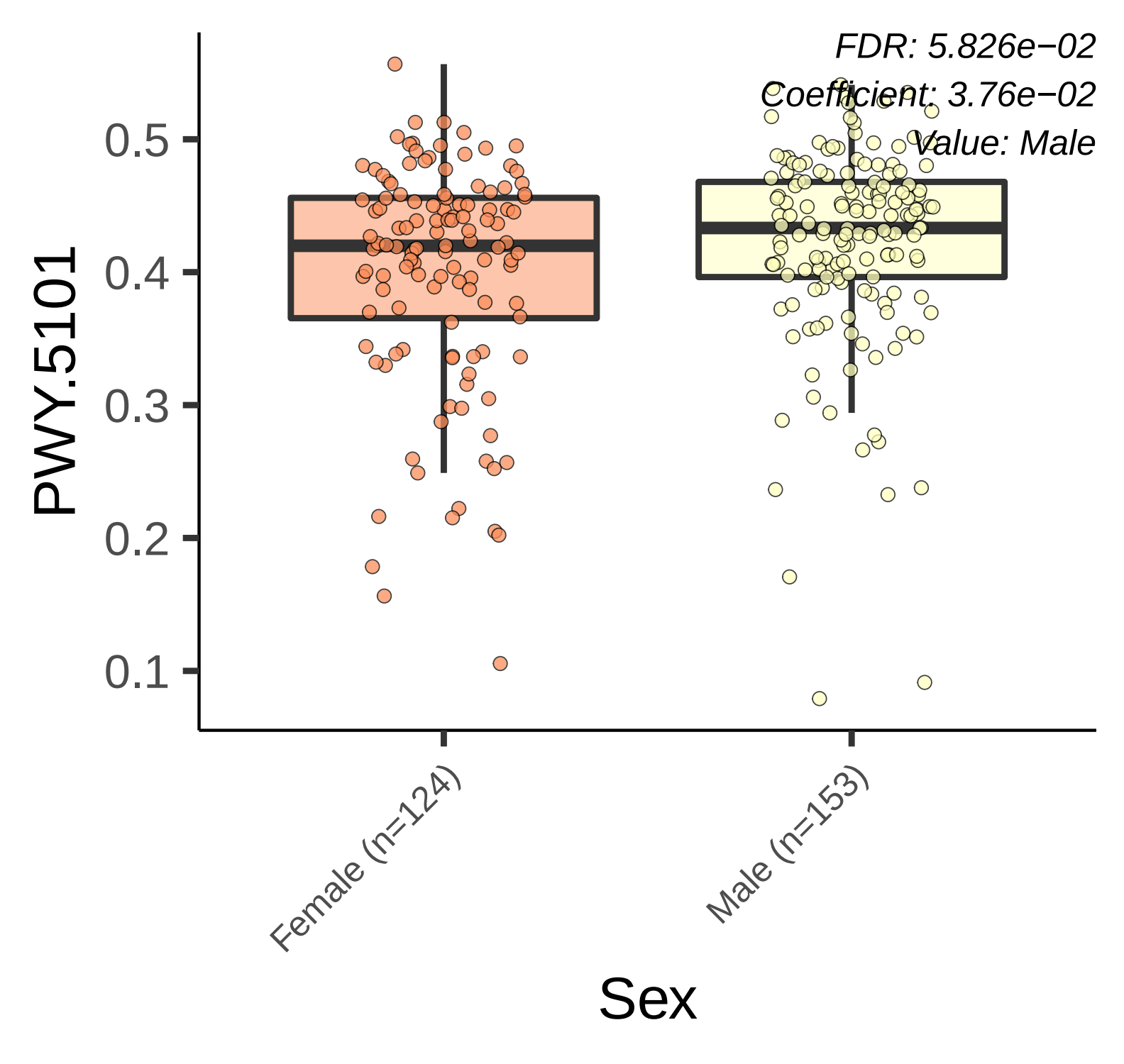
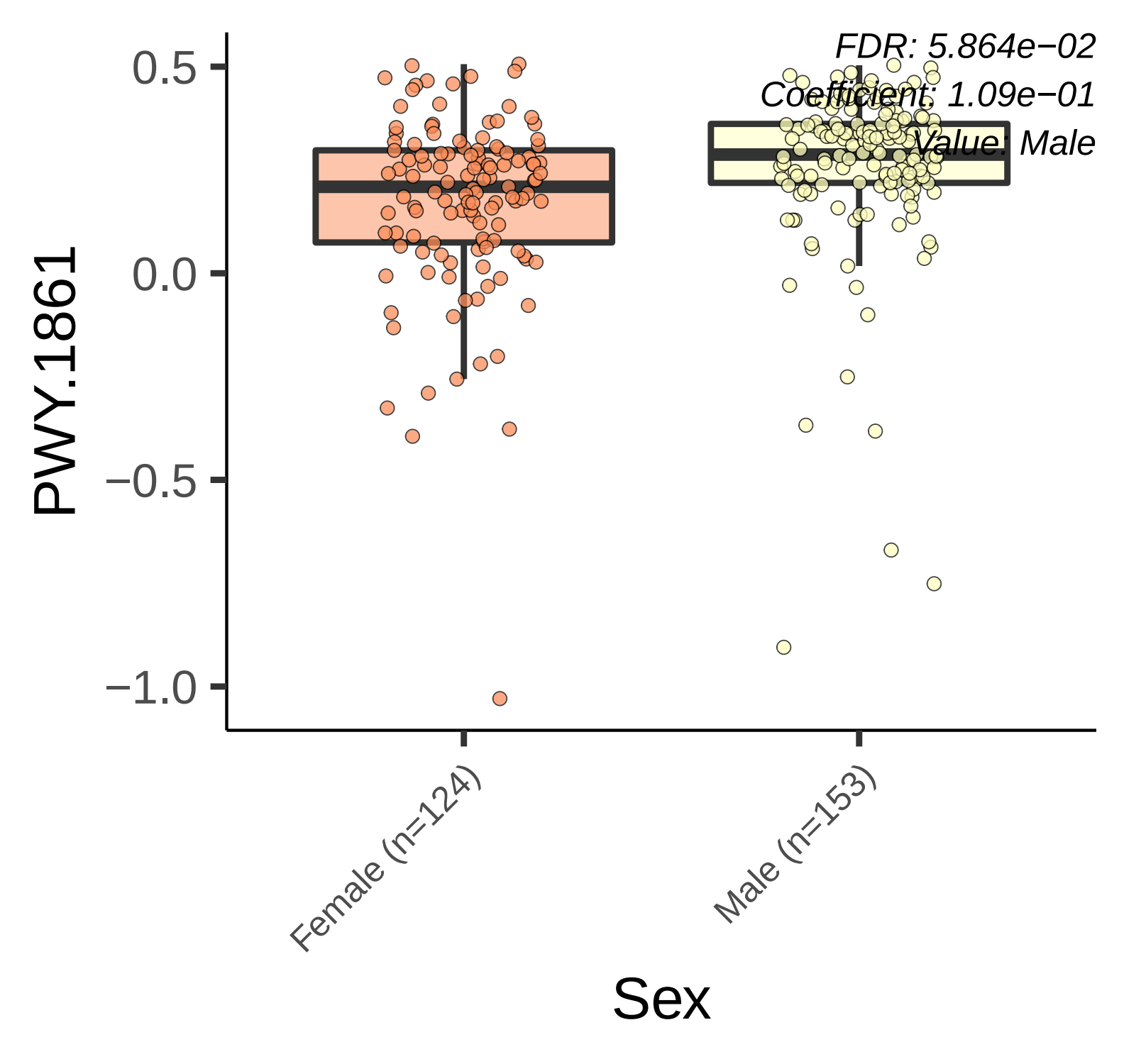
0.0
−0.4
−0.8
Female (n=124)
Male (n=153)
Sex


FDR: 5.391e−02
Coefficient: 3.06e−02
Value: Male
GLYCOCAT.PWY
0.6
0.5
0.4
0.3
0.2
0.1
Female (n=124)
Male (n=153)
Sex


FDR: 5.449e−02
Coefficient: −9.89e−02
Value: Male
PWY.6269
0.5
0.0
−0.5
−1.0
Female (n=124)
Male (n=153)
Sex


FDR: 5.826e−02
Coefficient: 3.76e−02
Value: Male
PWY.5101
0.5
0.4
0.3
0.2
0.1
Female (n=124)
Male (n=153)
Sex


FDR: 5.864e−02
Coefficient: 1.09e−01
Value: Male
PWY.1861
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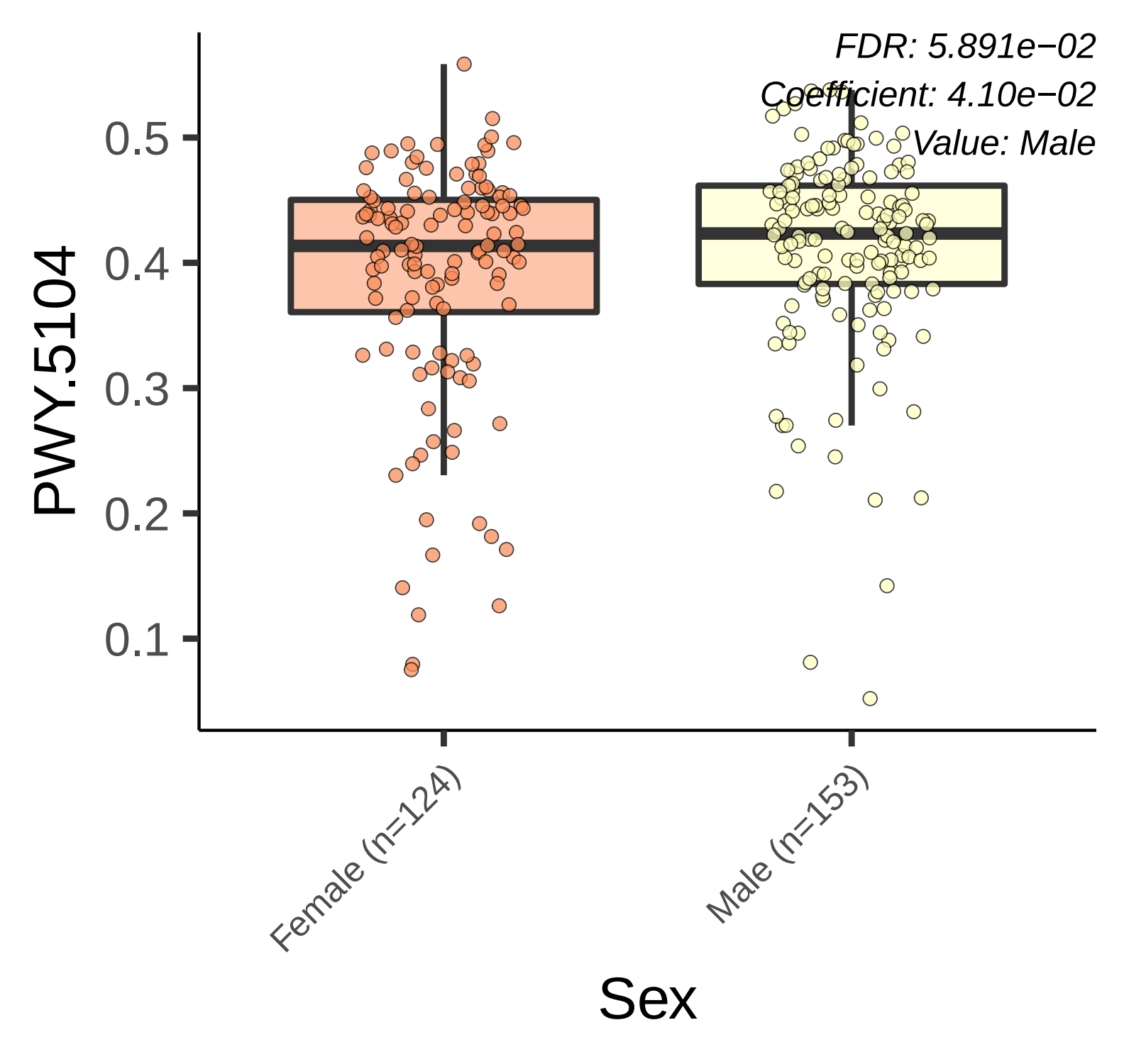
0.0
−0.5
−1.0
Female (n=124)
Male (n=153)
Sex


FDR: 5.891e−02
Coefficient: 4.10e−02
Value: Male
PWY.5104
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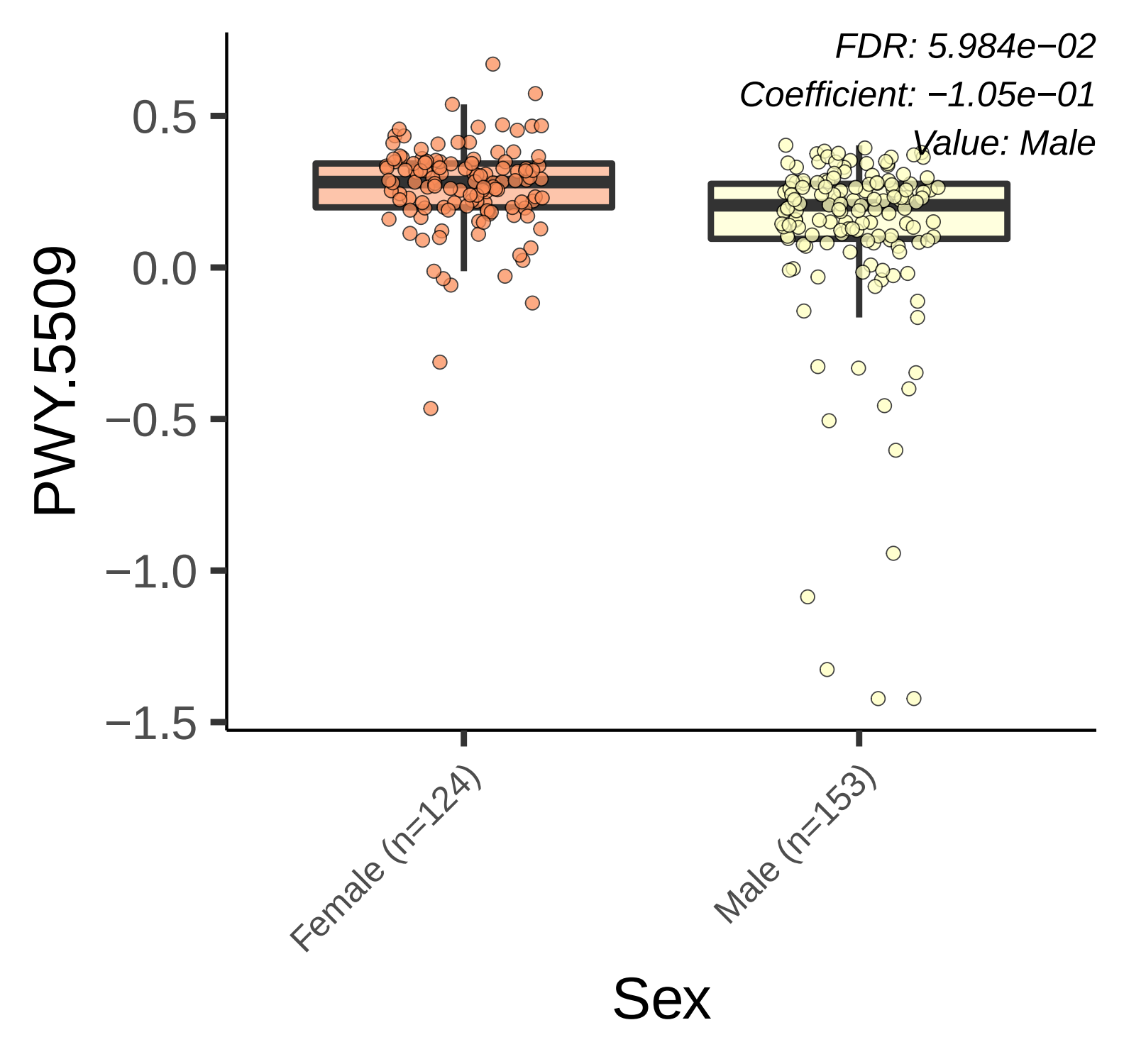
0.4
0.3
0.2
0.1
Female (n=124)
Male (n=153)
Sex


FDR: 5.984e−02
Coefficient: −1.05e−01
Value: Male
PWY.5509
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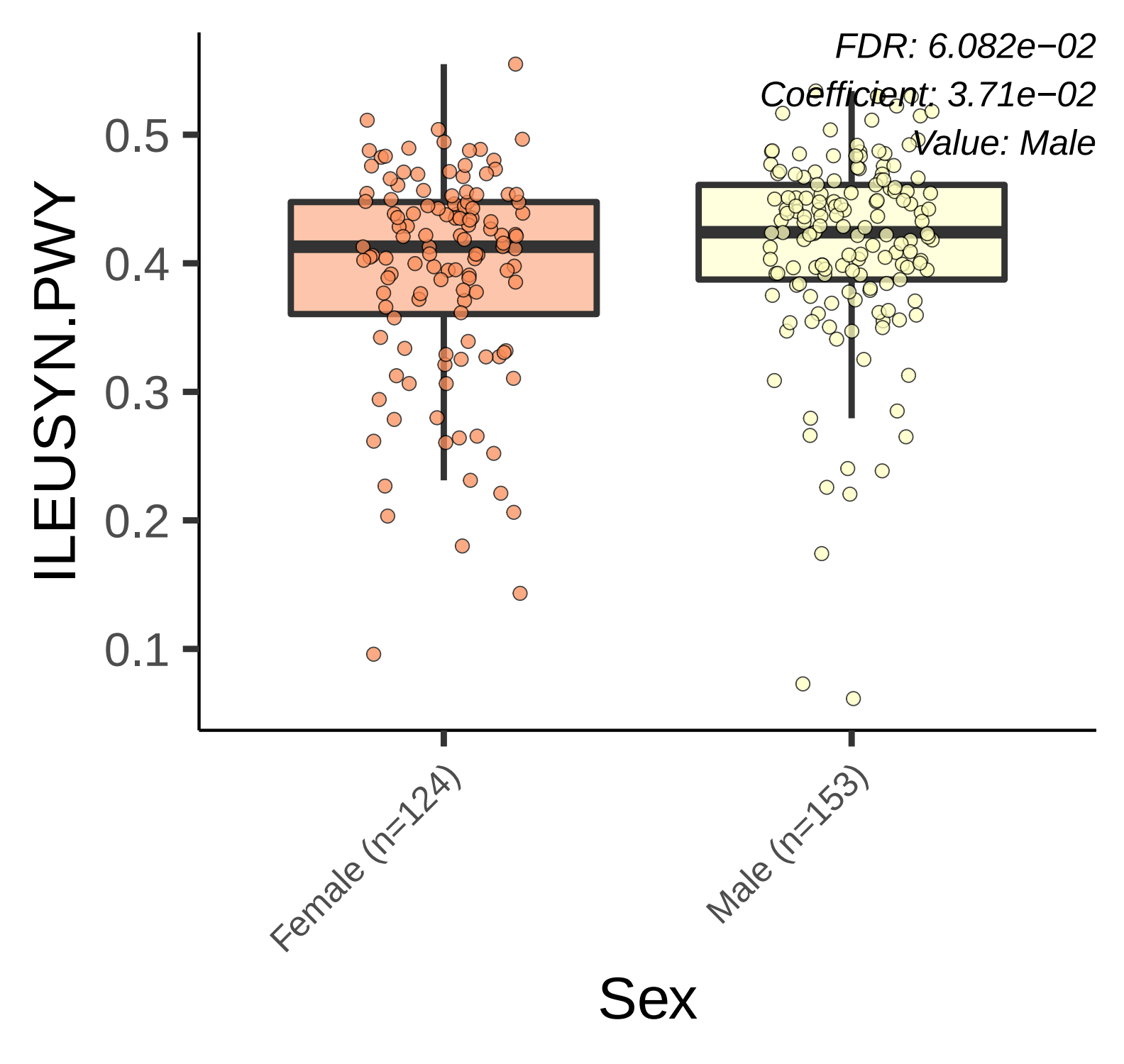
0.0
−0.5
−1.0
−1.5
Female (n=124)
Male (n=153)
Sex


FDR: 6.082e−02
Coefficient: 3.71e−02
Value: Male
ILEUSYN.PWY
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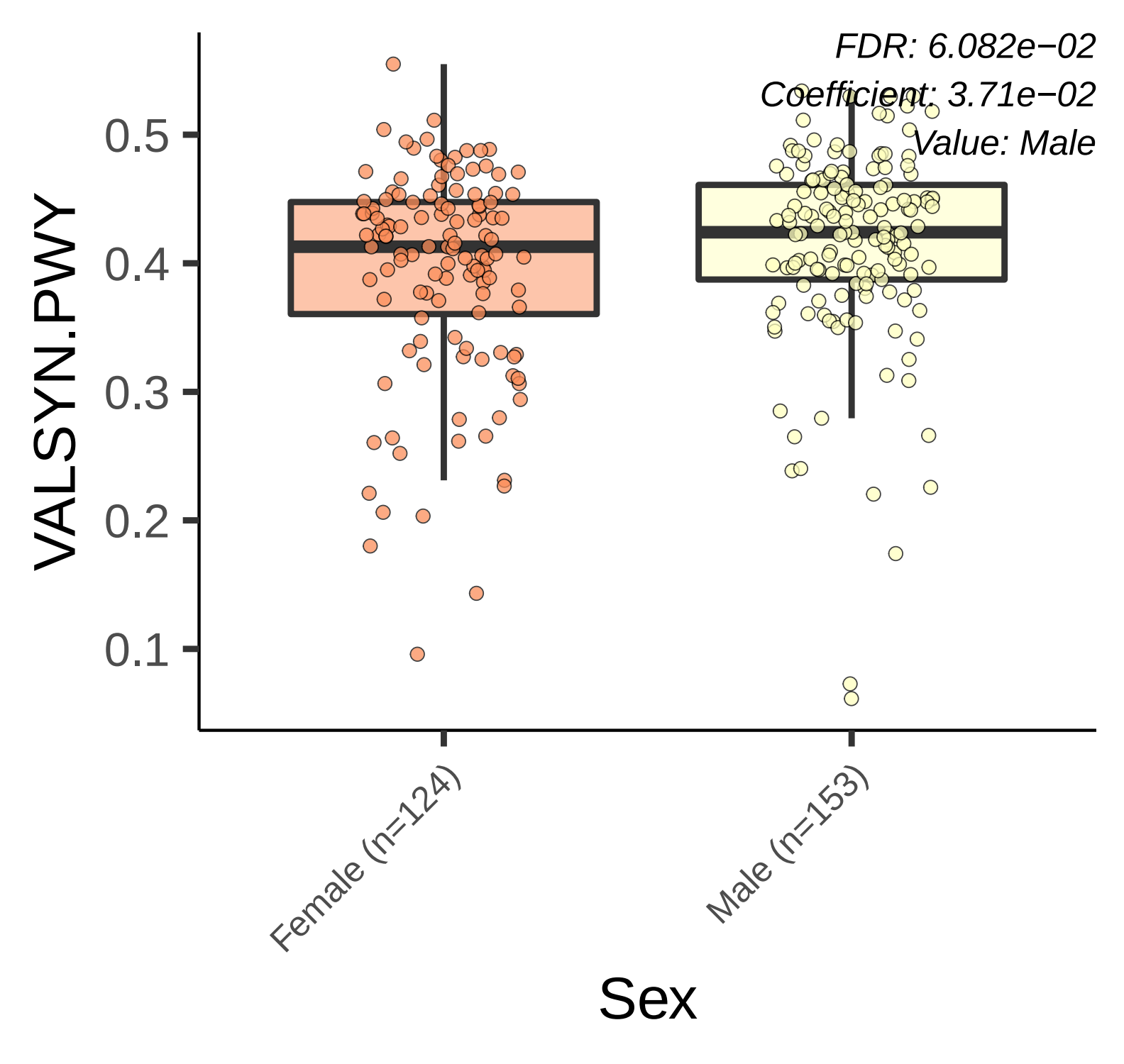
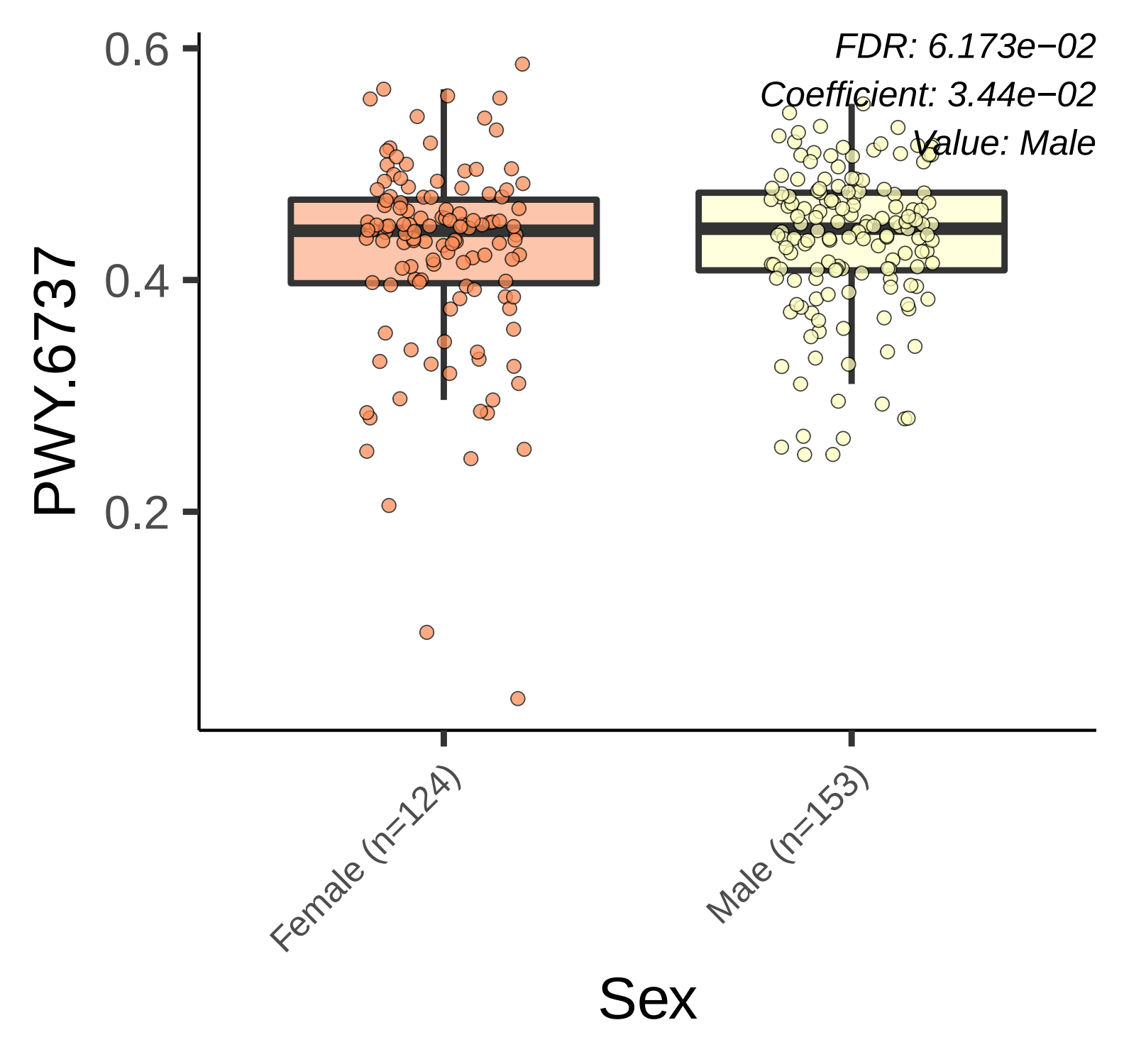
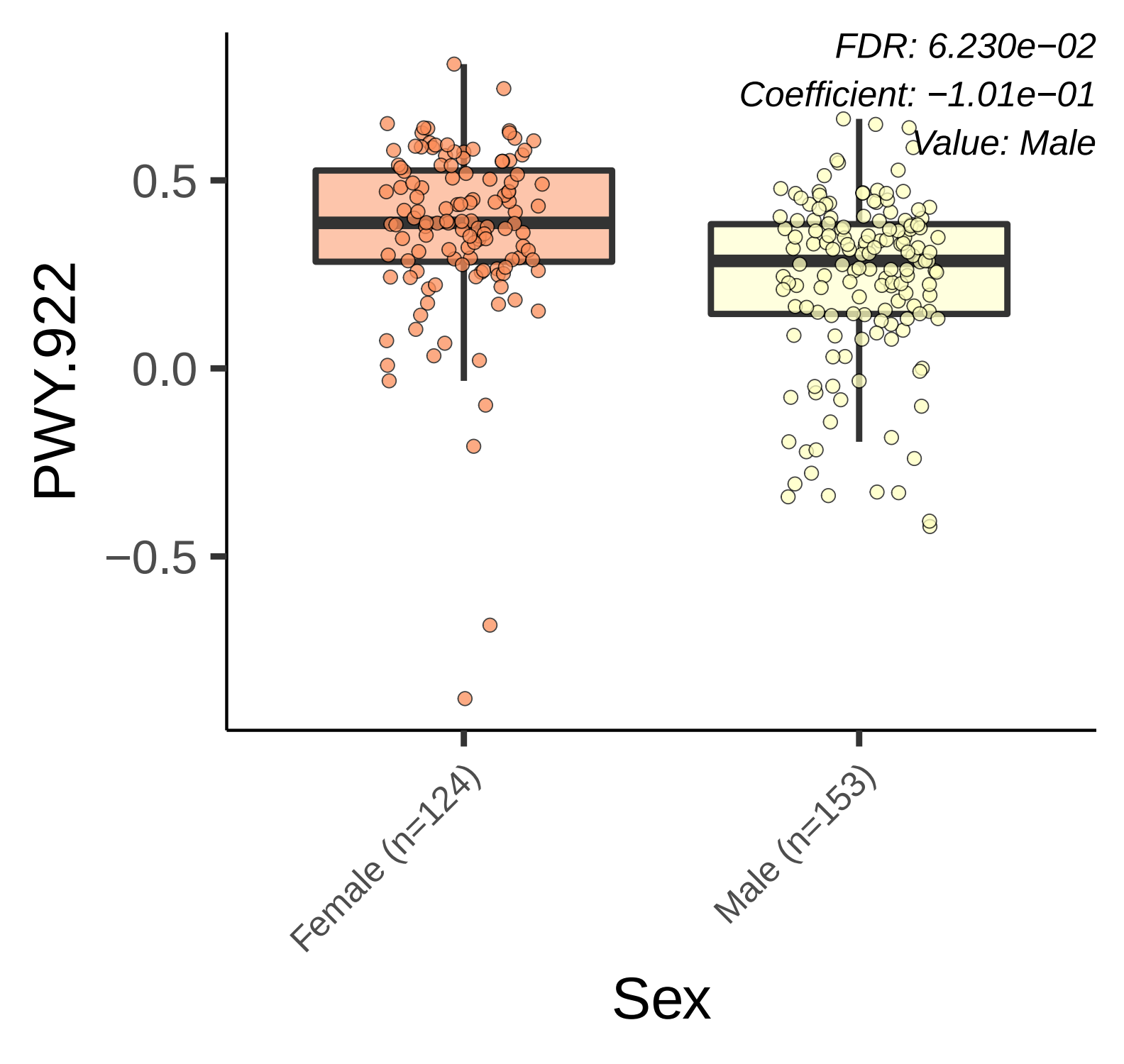
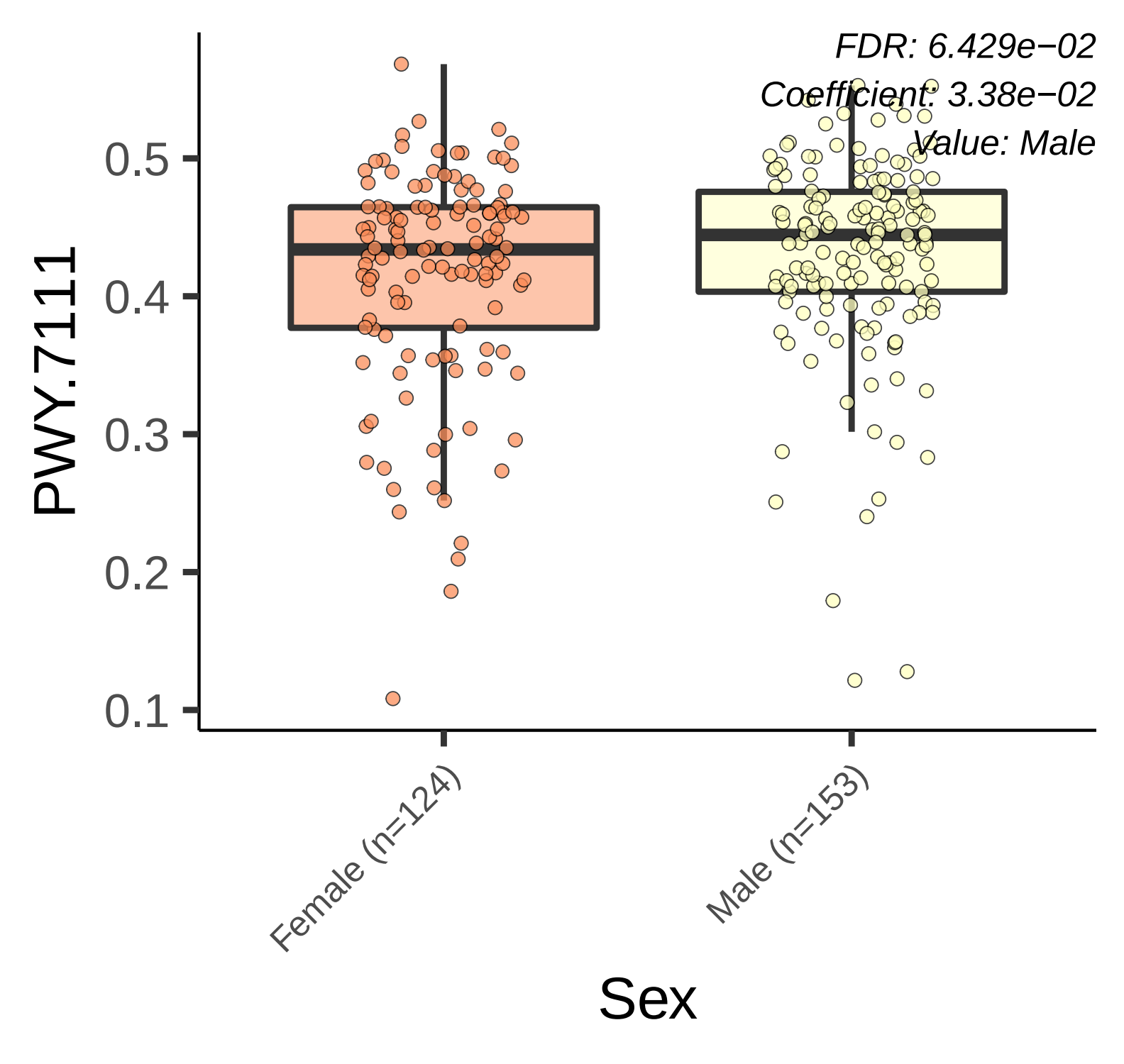
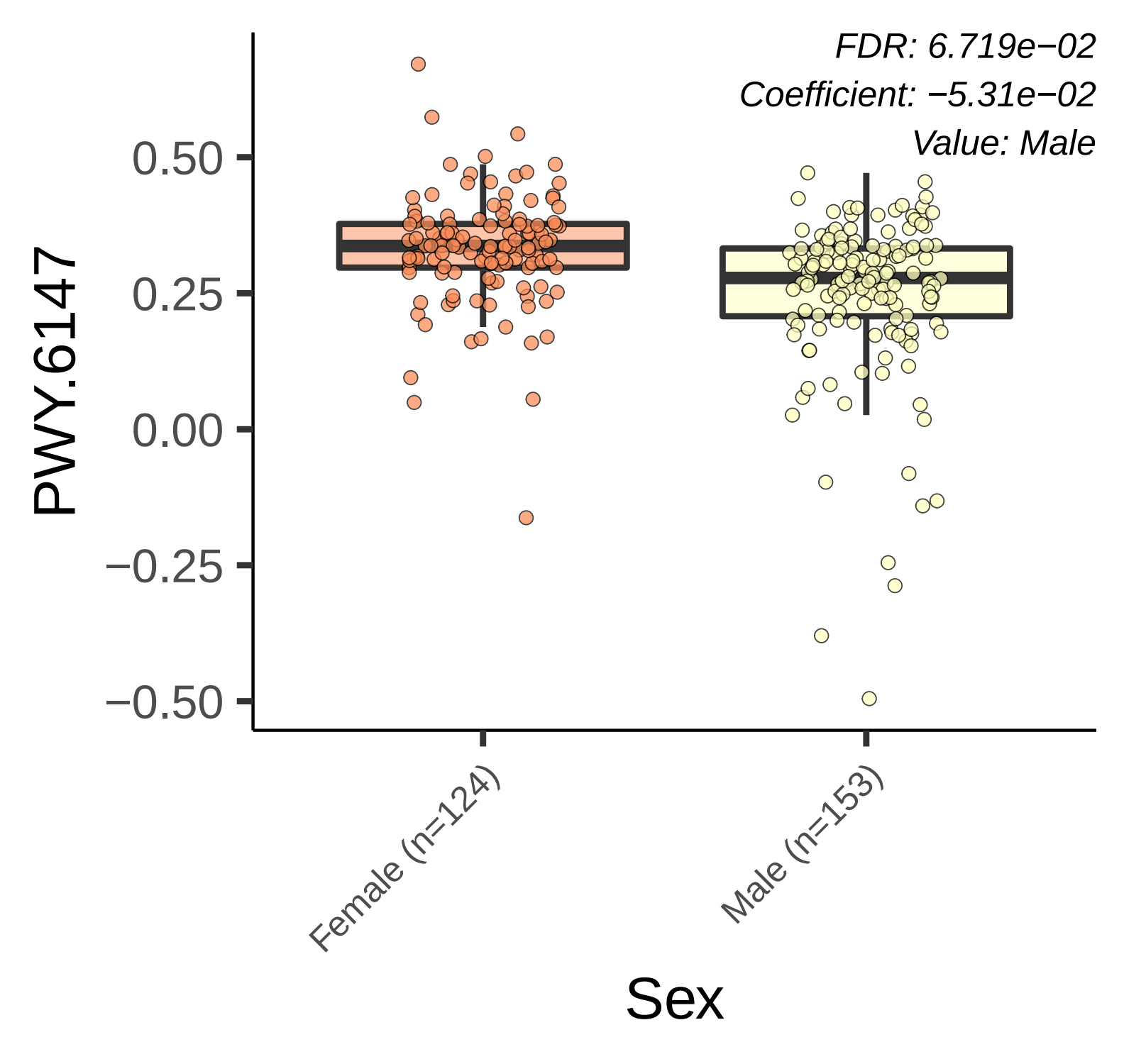
0.4
0.3
0.2
0.1
Female (n=124)
Male (n=153)
Sex

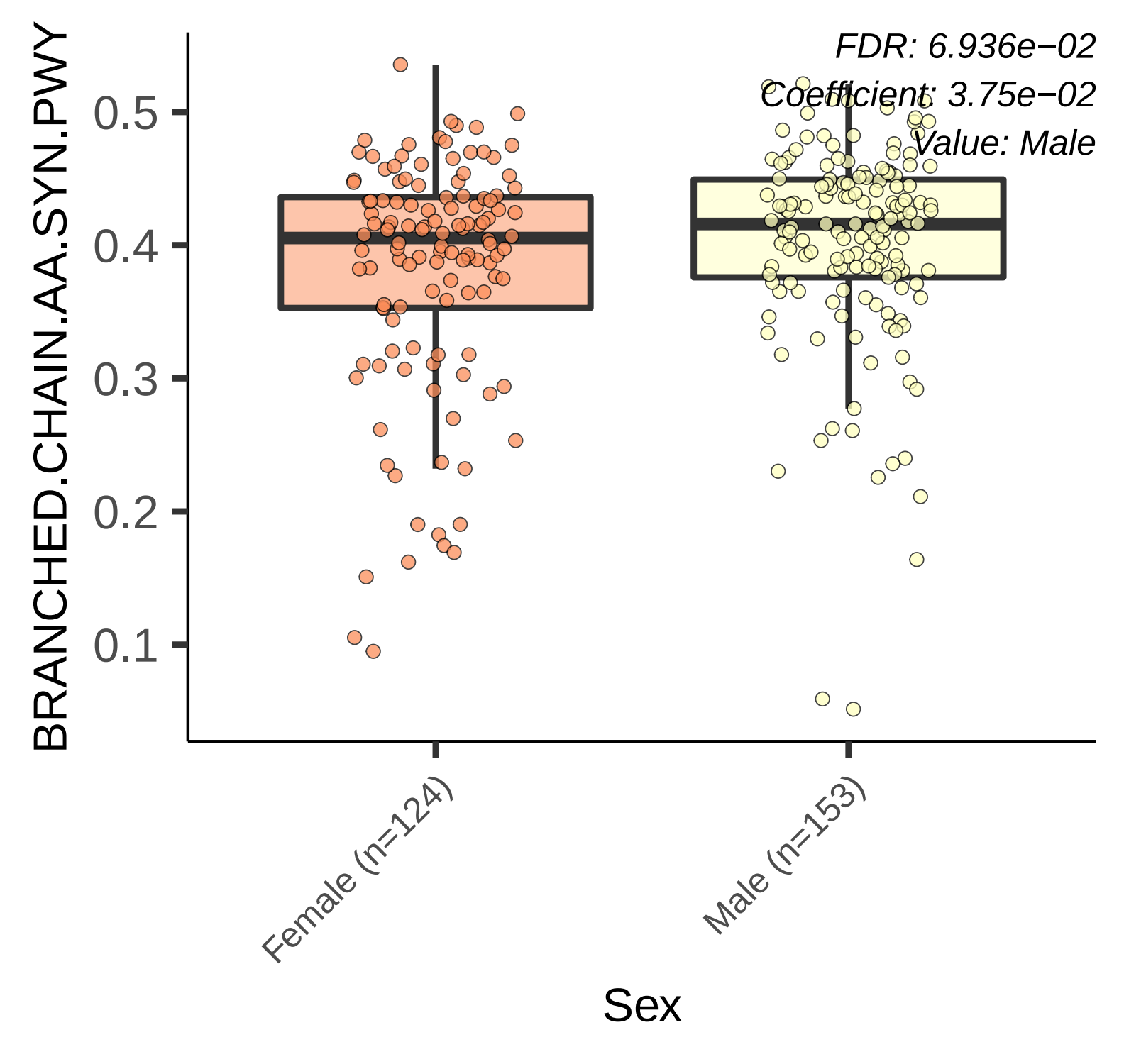

FDR: 6.082e−02
Coefficient: 3.71e−02
Value: Male
VALSYN.PWY
0.5
0.4
0.3
0.2
0.1
Female (n=124)
Male (n=153)
Sex

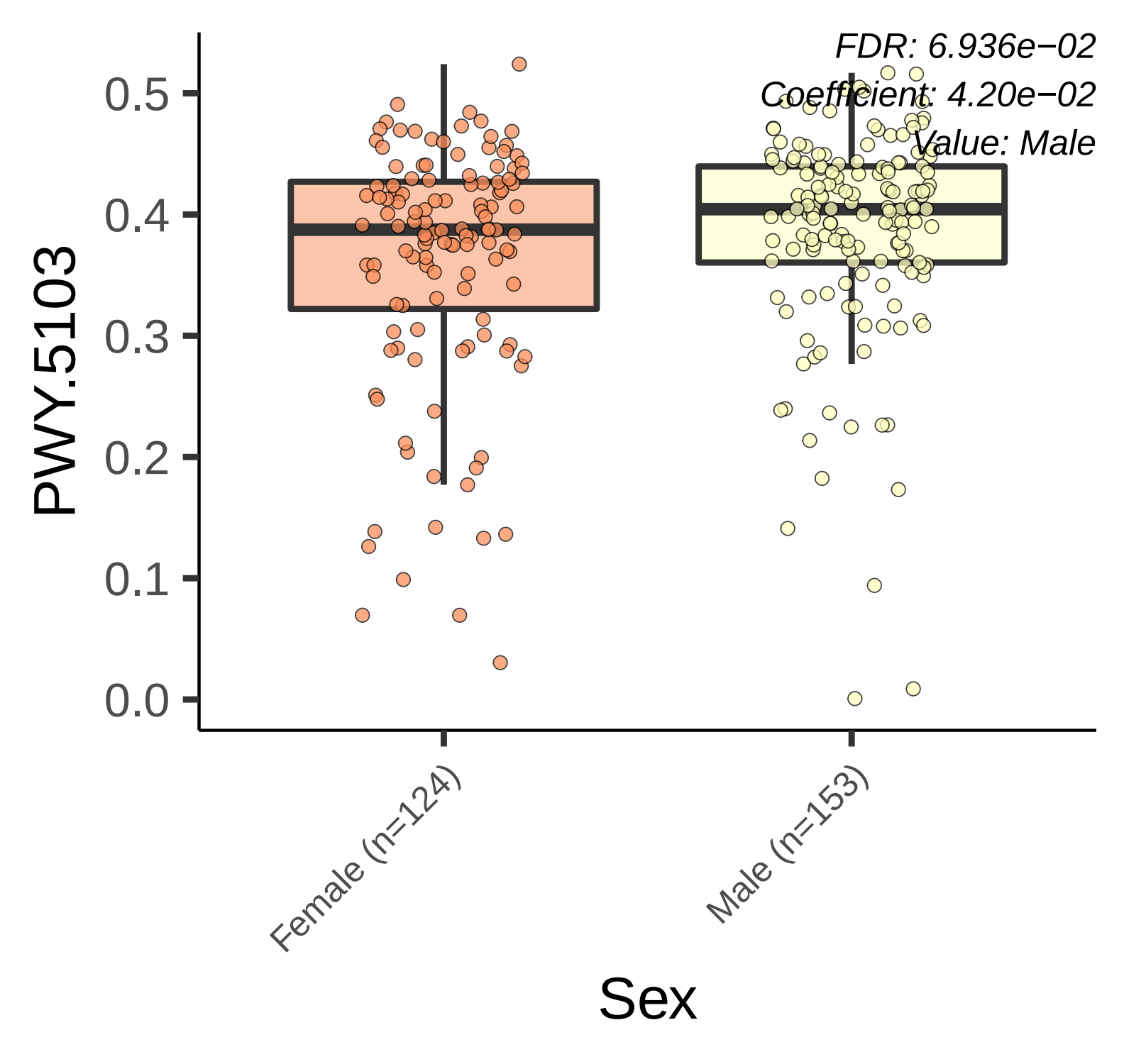

FDR: 6.173e−02
Coefficient: 3.44e−02
Value: Male
PWY.6737
0.6
0.4
0.2
Female (n=124)
Male (n=153)
Sex

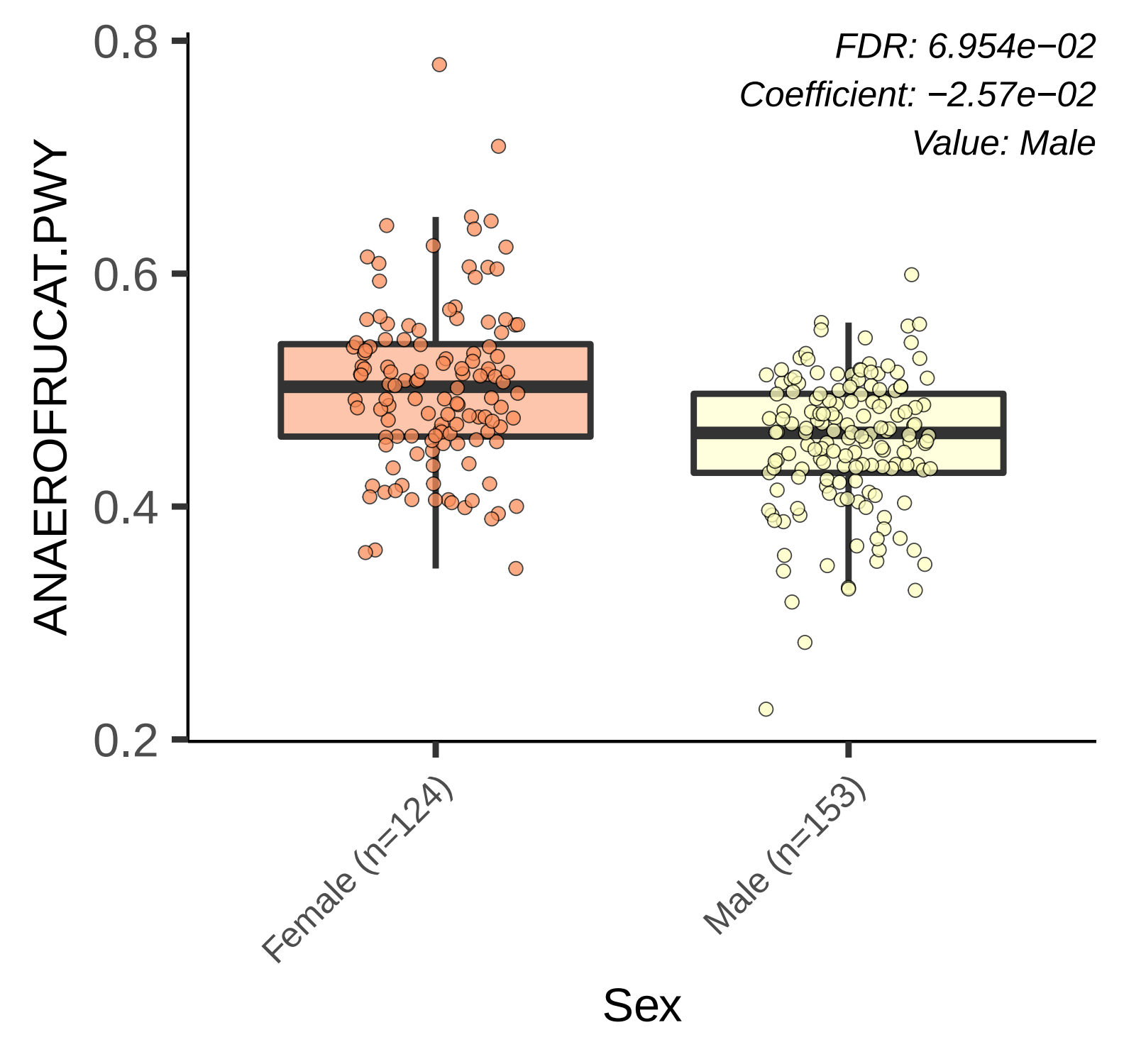

FDR: 6.230e−02
Coefficient: −1.01e−01
Value: Male
PWY.922
0.5
0.0
−0.5
Female (n=124)
Male (n=153)
Sex

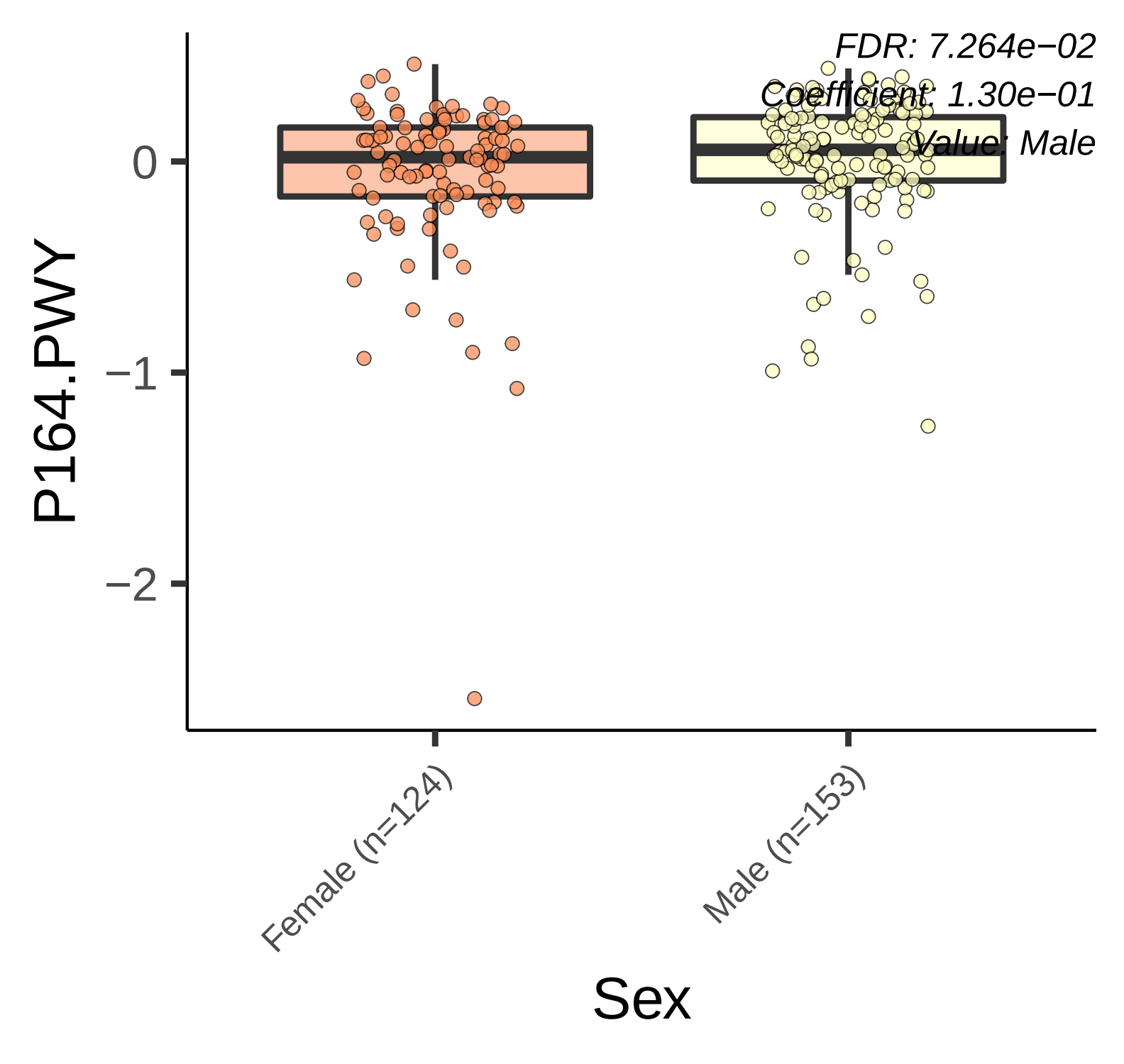

FDR: 6.429e−02
Coefficient: 3.38e−02
Value: Male
PWY.7111
0.5
0.4
0.3
0.2
0.1
Female (n=124)
Male (n=153)
Sex

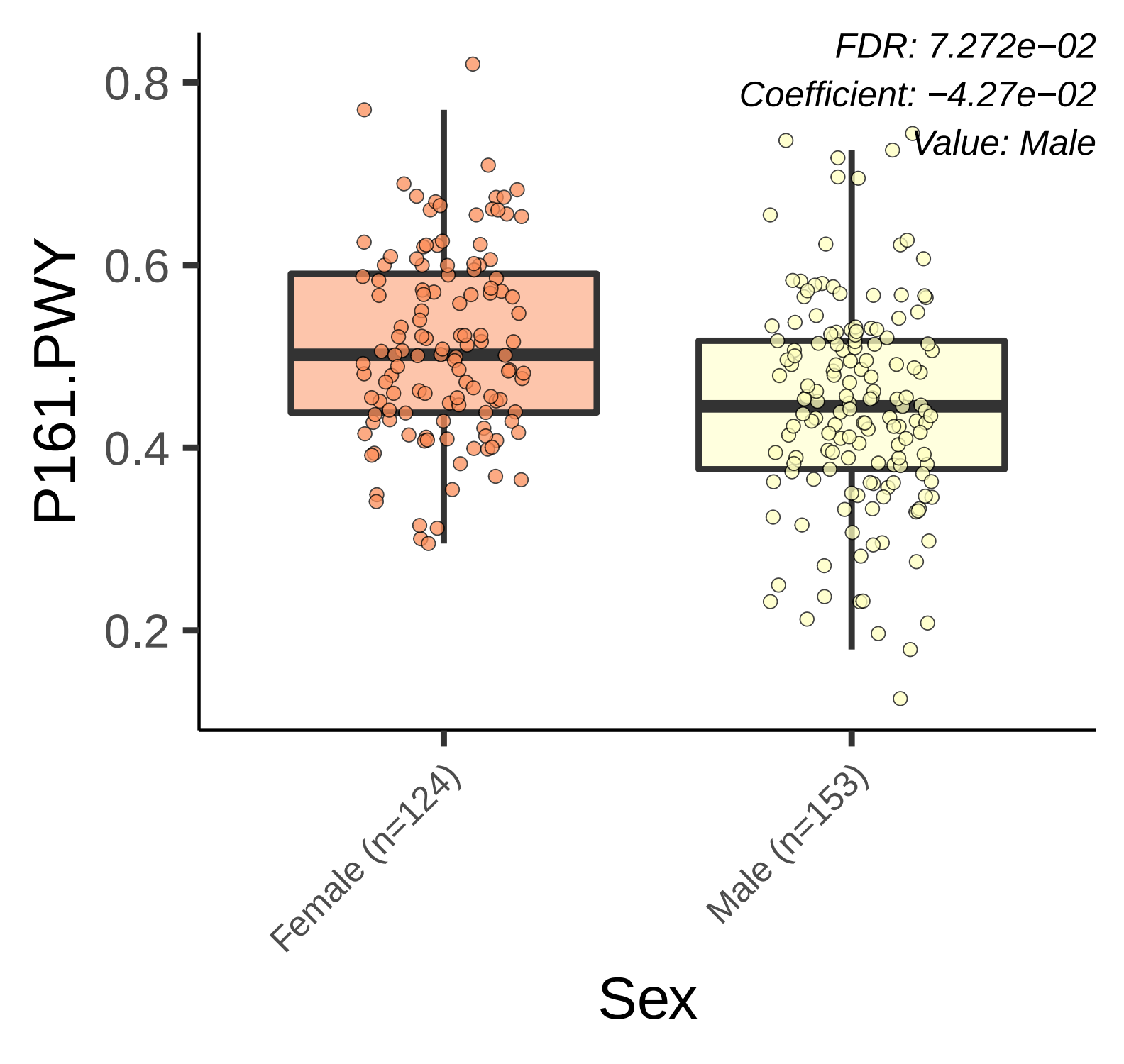

FDR: 6.719e−02
Coefficient: −5.31e−02
Value: Male
PWY.6147
0.50
0.25
0.00
−0.25
−0.50
Female (n=124)
Male (n=153)
Sex

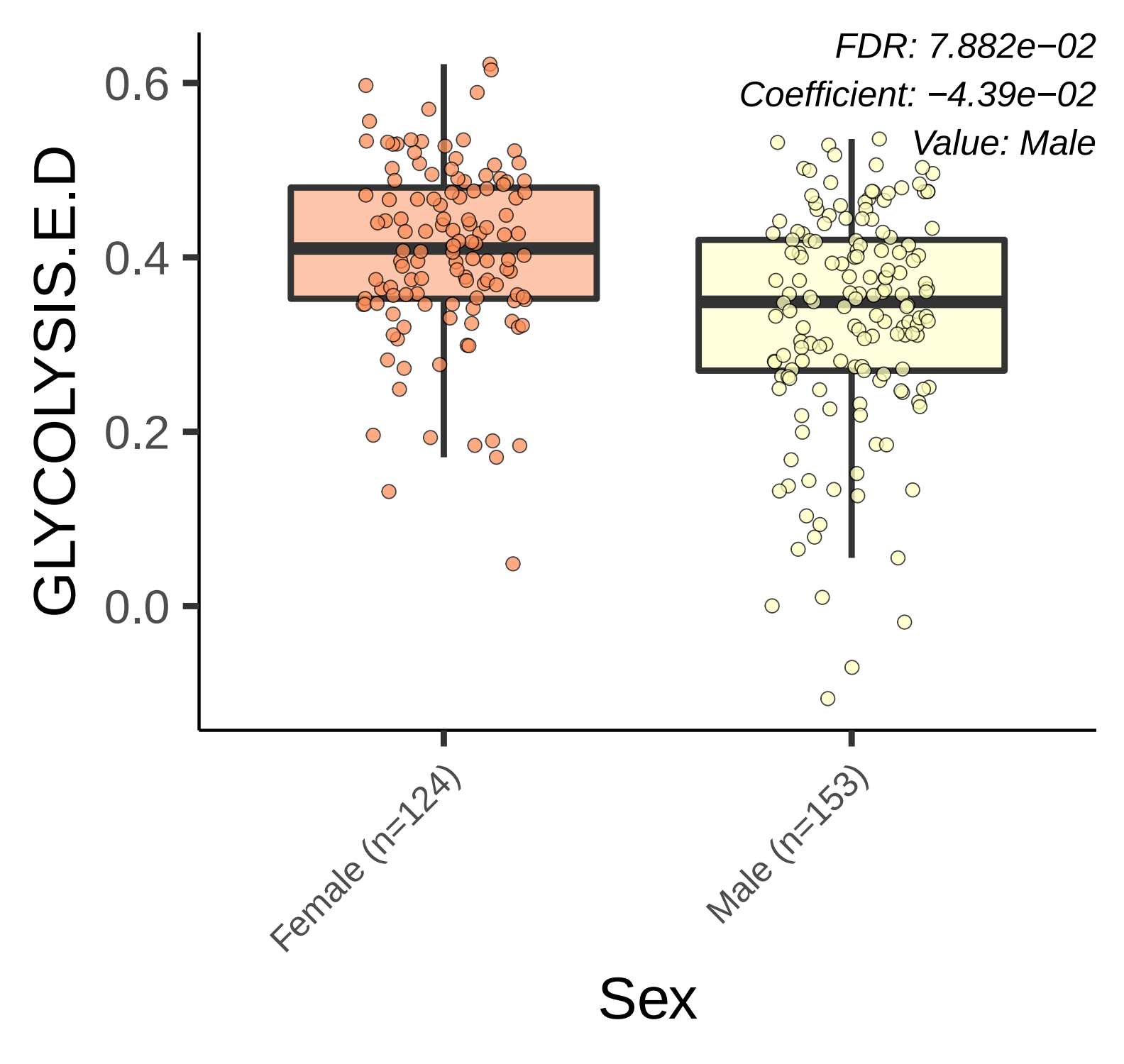

FDR: 6.936e−02
Coefficient: 3.75e−02
Value: Male
BRANCHED.CHAIN.AA.SYN.PWY
0.5
0.4
0.3
0.2
0.1
Female (n=124)
Male (n=153)
Sex

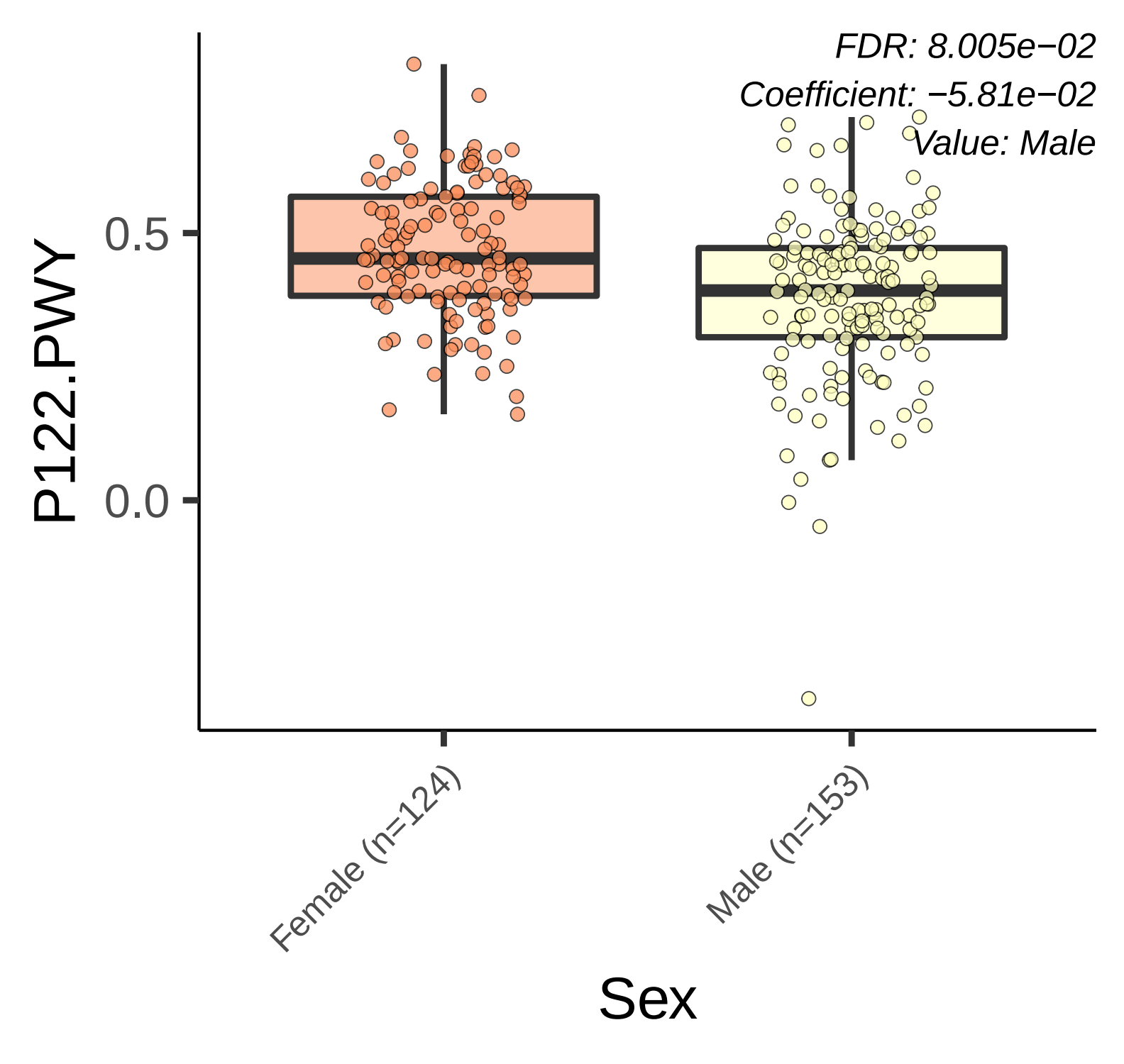

FDR: 6.936e−02
Coefficient: 4.20e−02
Value: Male
PWY.5103
0.5
0.4
0.3
0.2
0.1
0.0
Female (n=124)
Male (n=153)
Sex

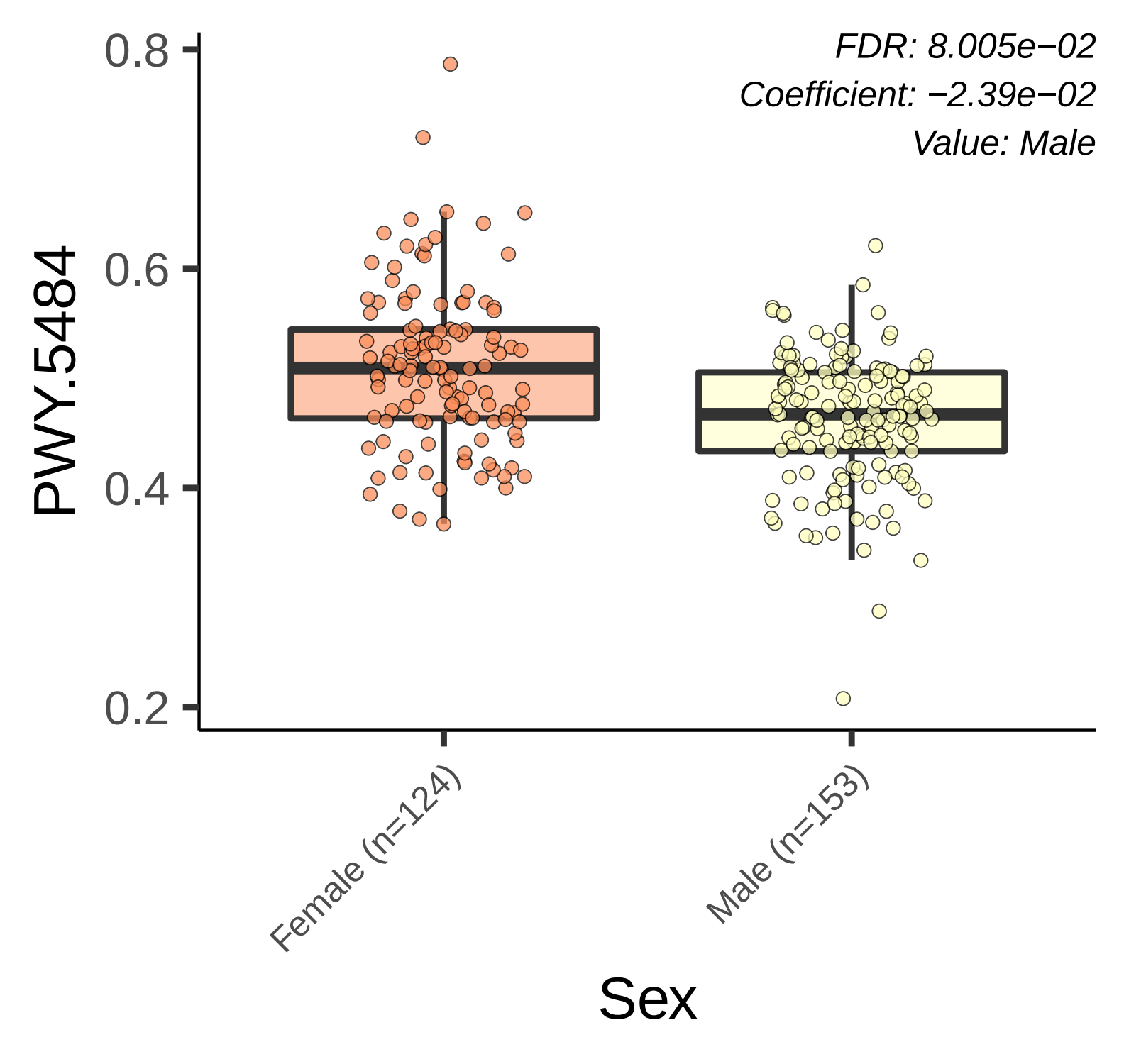

FDR: 6.954e−02
Coefficient: −2.57e−02
Value: Male
ANAEROFRUCAT.PWY
0.8
0.6
0.4
0.2
Female (n=124)
Male (n=153)
Sex

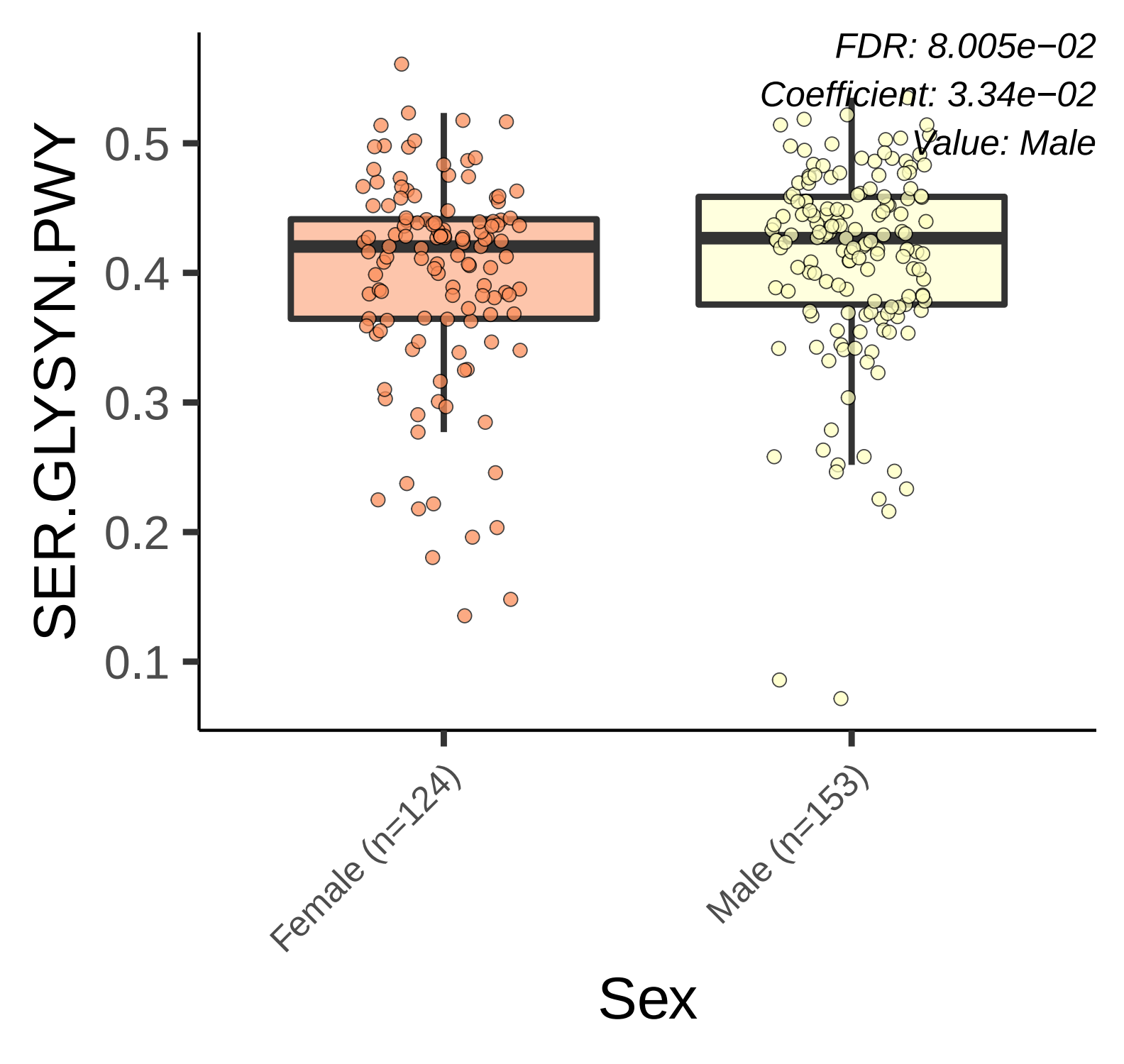

FDR: 7.264e−02
Coefficient: 1.30e−01
Value: Male
P164.PWY
0
−1
−2
Female (n=124)
Male (n=153)
Sex

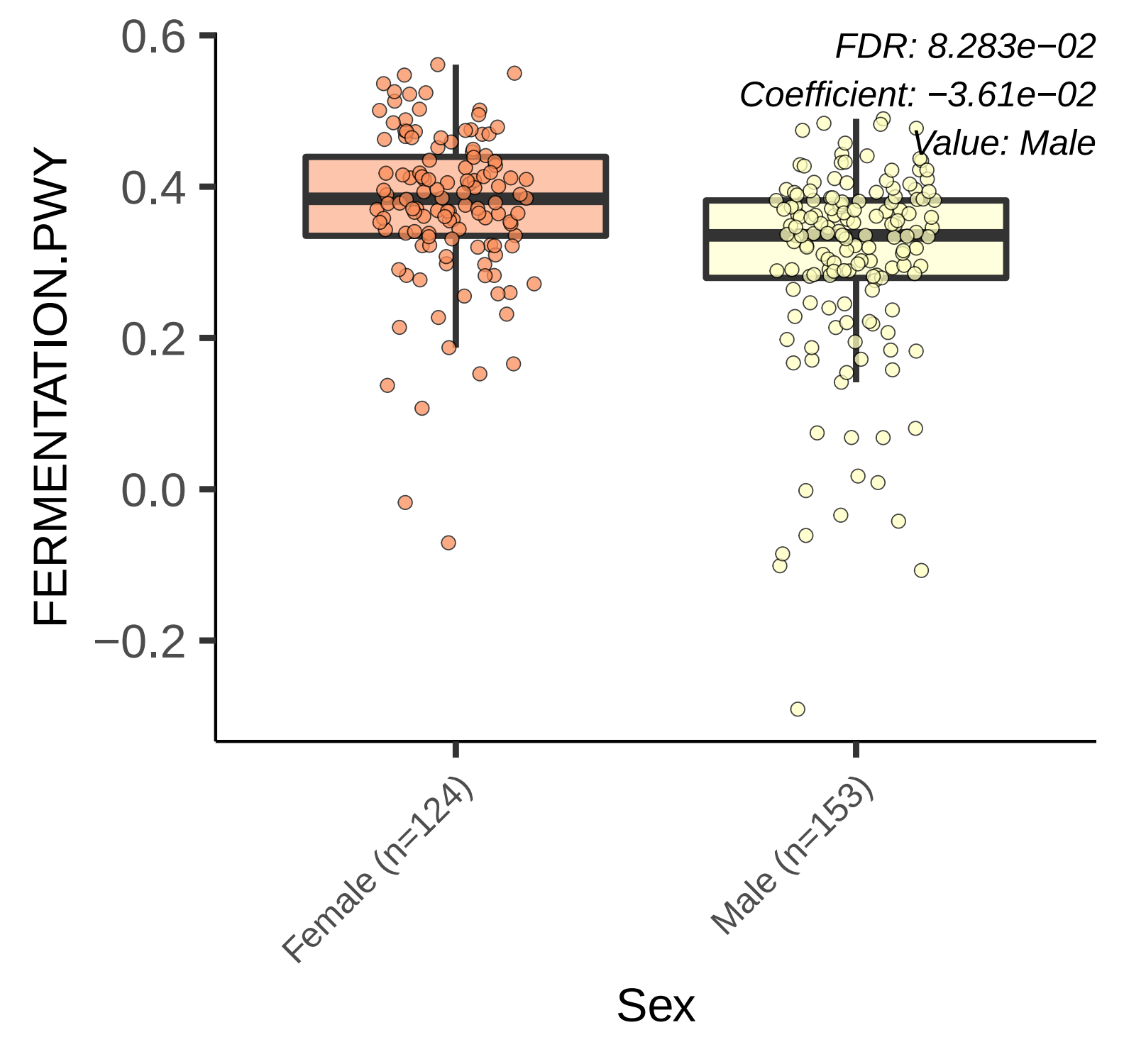

FDR: 7.272e−02
Coefficient: −4.27e−02
Value: Male
P161.PWY
0.8
0.6
0.4
0.2
Female (n=124)
Male (n=153)
Sex

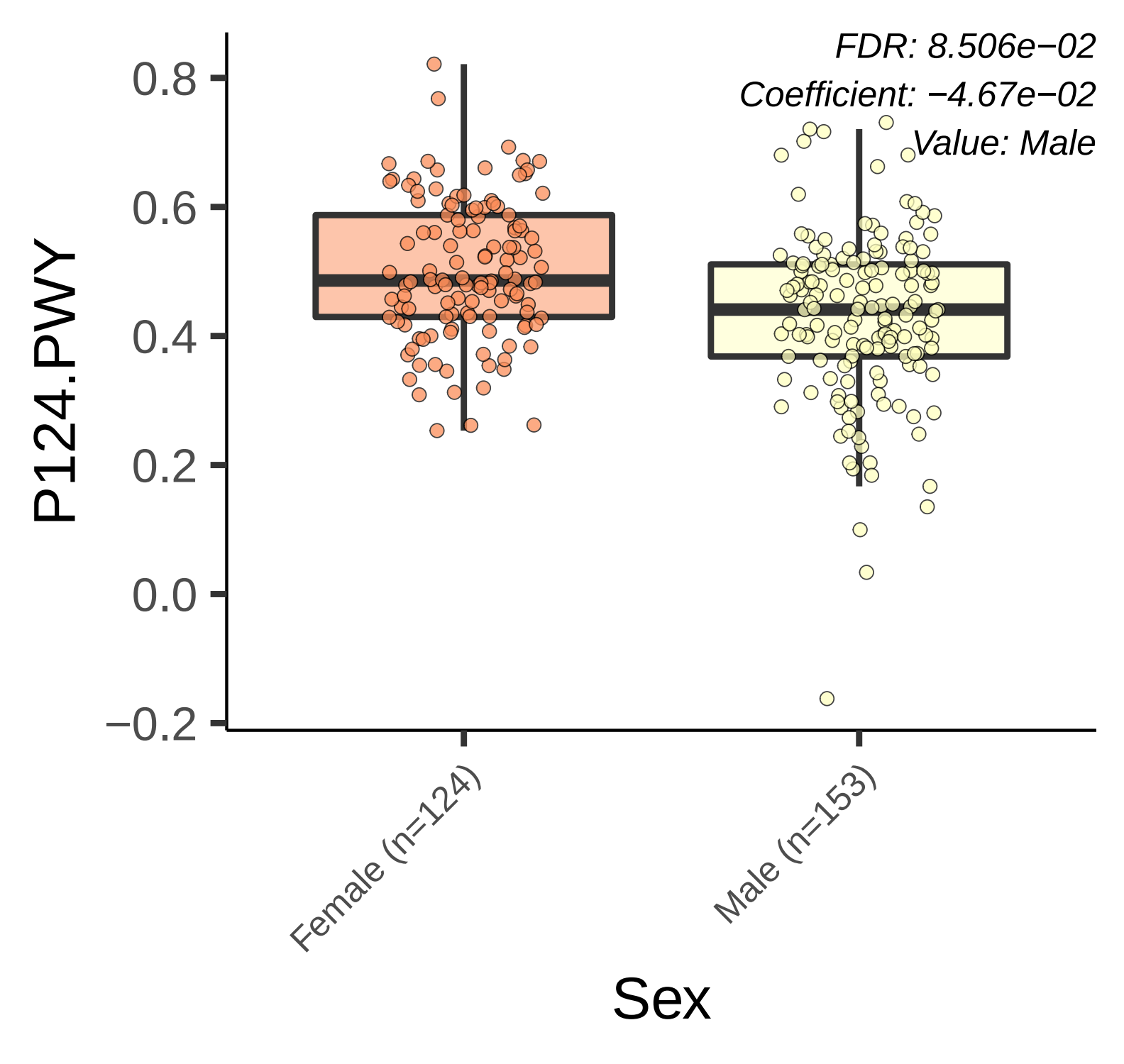

FDR: 7.882e−02
Coefficient: −4.39e−02
Value: Male
GLYCOLYSIS.E.D
0.6
0.4
0.2
0.0
Female (n=124)
Male (n=153)
Sex

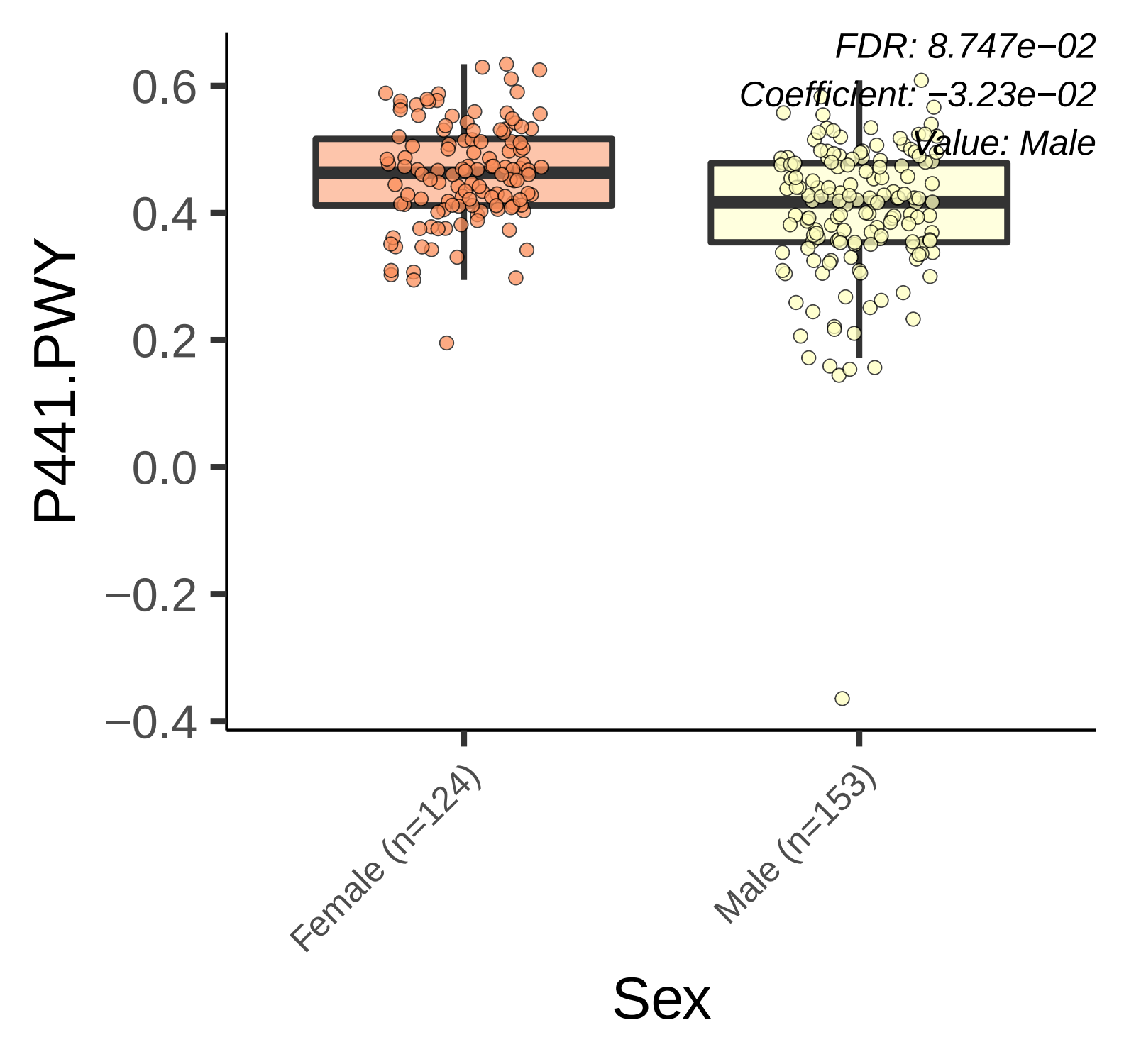

FDR: 8.005e−02
Coefficient: −5.81e−02
Value: Male
P122.PWY
0.5
0.0
Female (n=124)
Male (n=153)
Sex

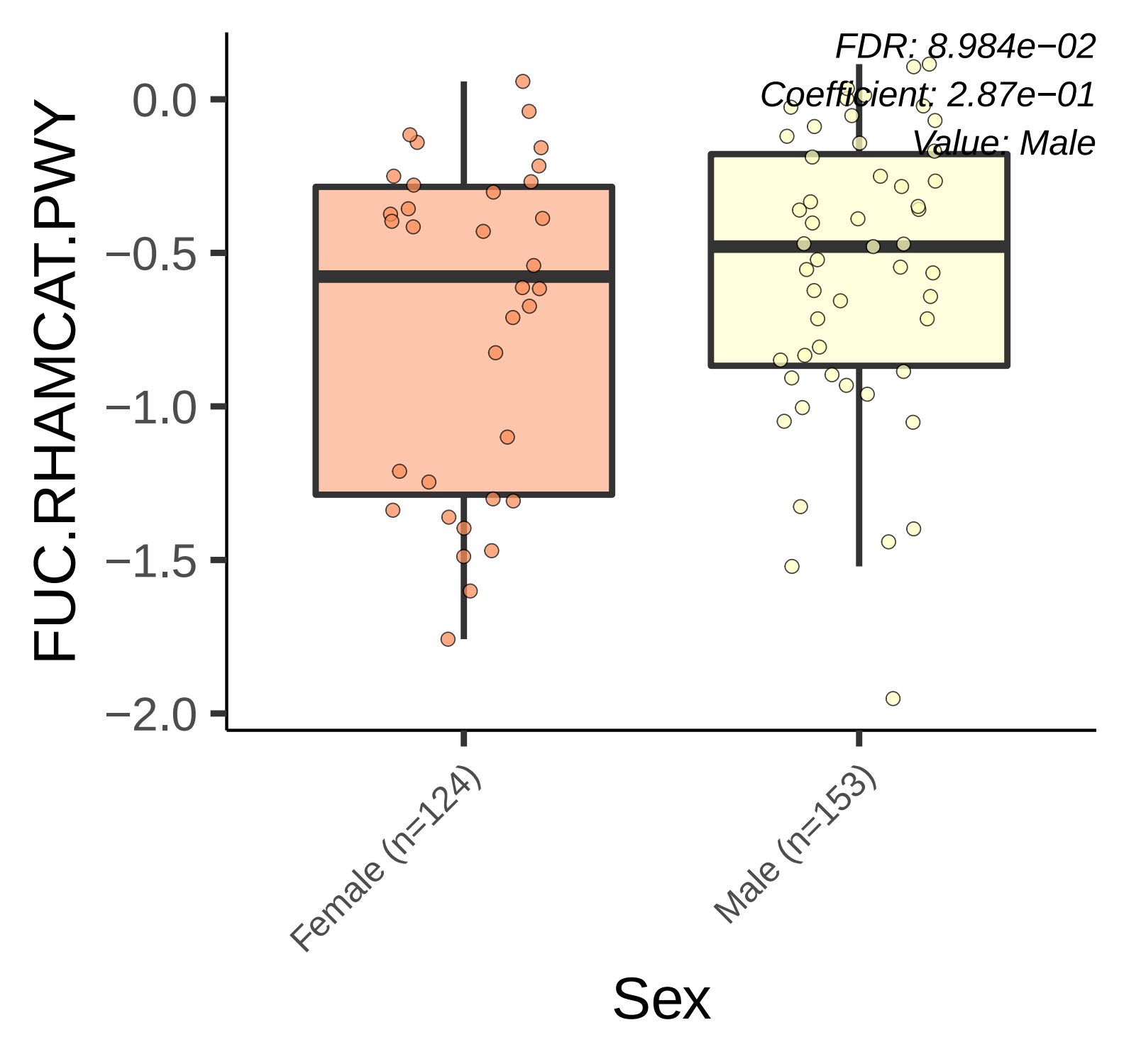

FDR: 8.005e−02
Coefficient: −2.39e−02
Value: Male
PWY.5484
0.8
0.6
0.4
0.2
Female (n=124)
Male (n=153)
Sex

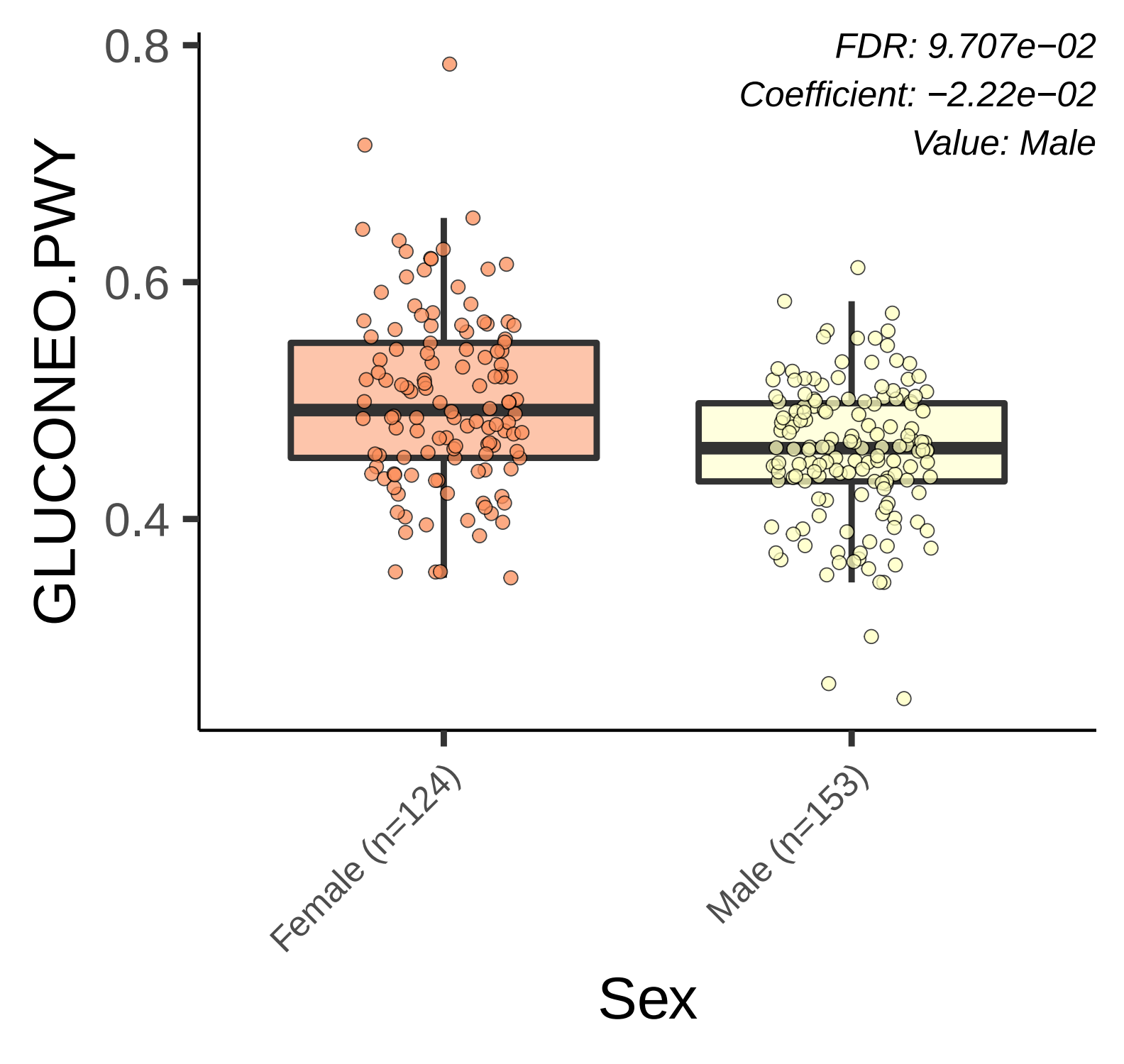

FDR: 8.005e−02
Coefficient: 3.34e−02
Value: Male
SER.GLYSYN.PWY
0.5
0.4
0.3
0.2
0.1
Female (n=124)
Male (n=153)
Sex

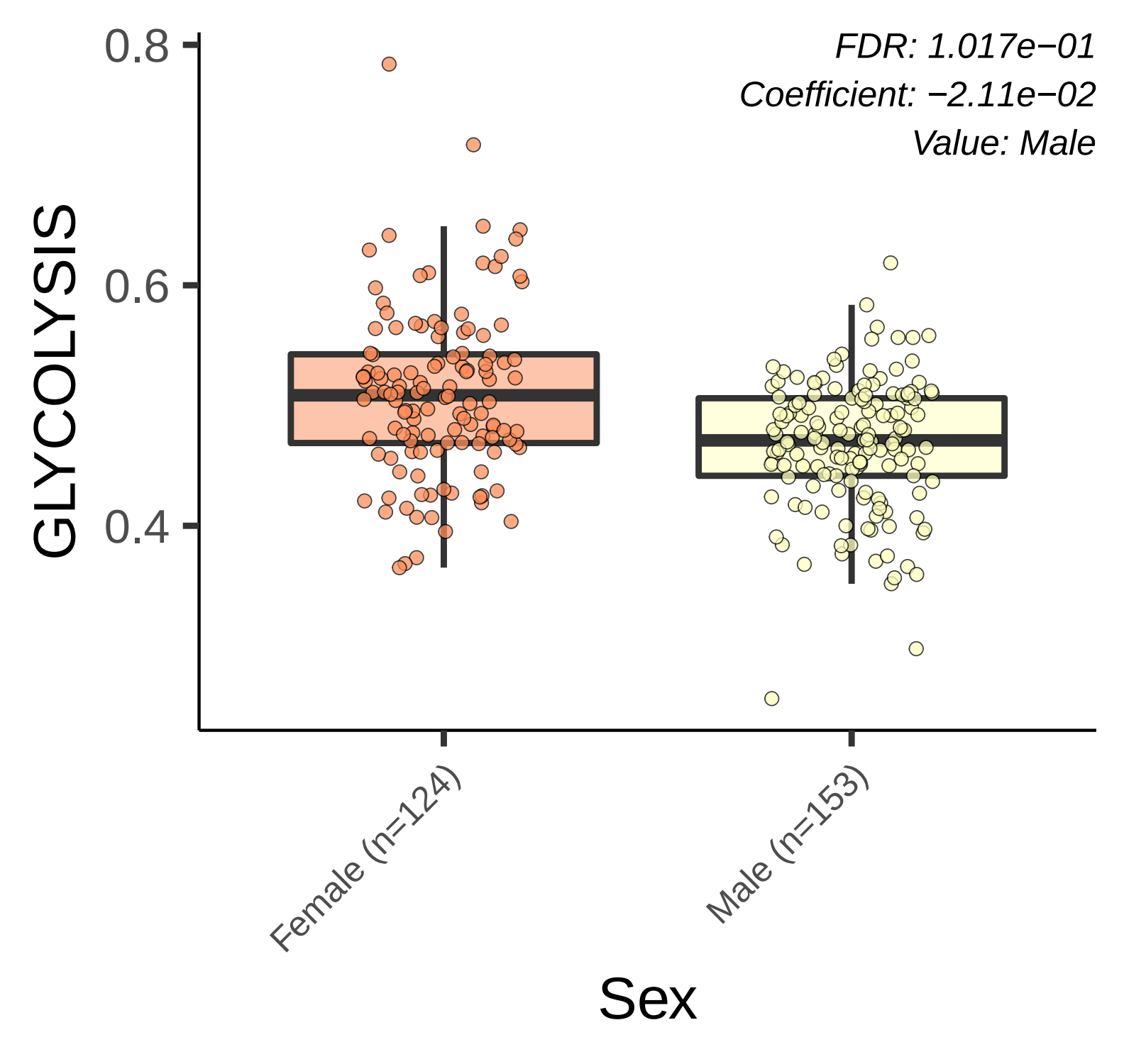

FDR: 8.283e−02
Coefficient: −3.61e−02
Value: Male
FERMENTATION.PWY
0.6
0.4
0.2
0.0
−0.2
Female (n=124)
Male (n=153)
Sex

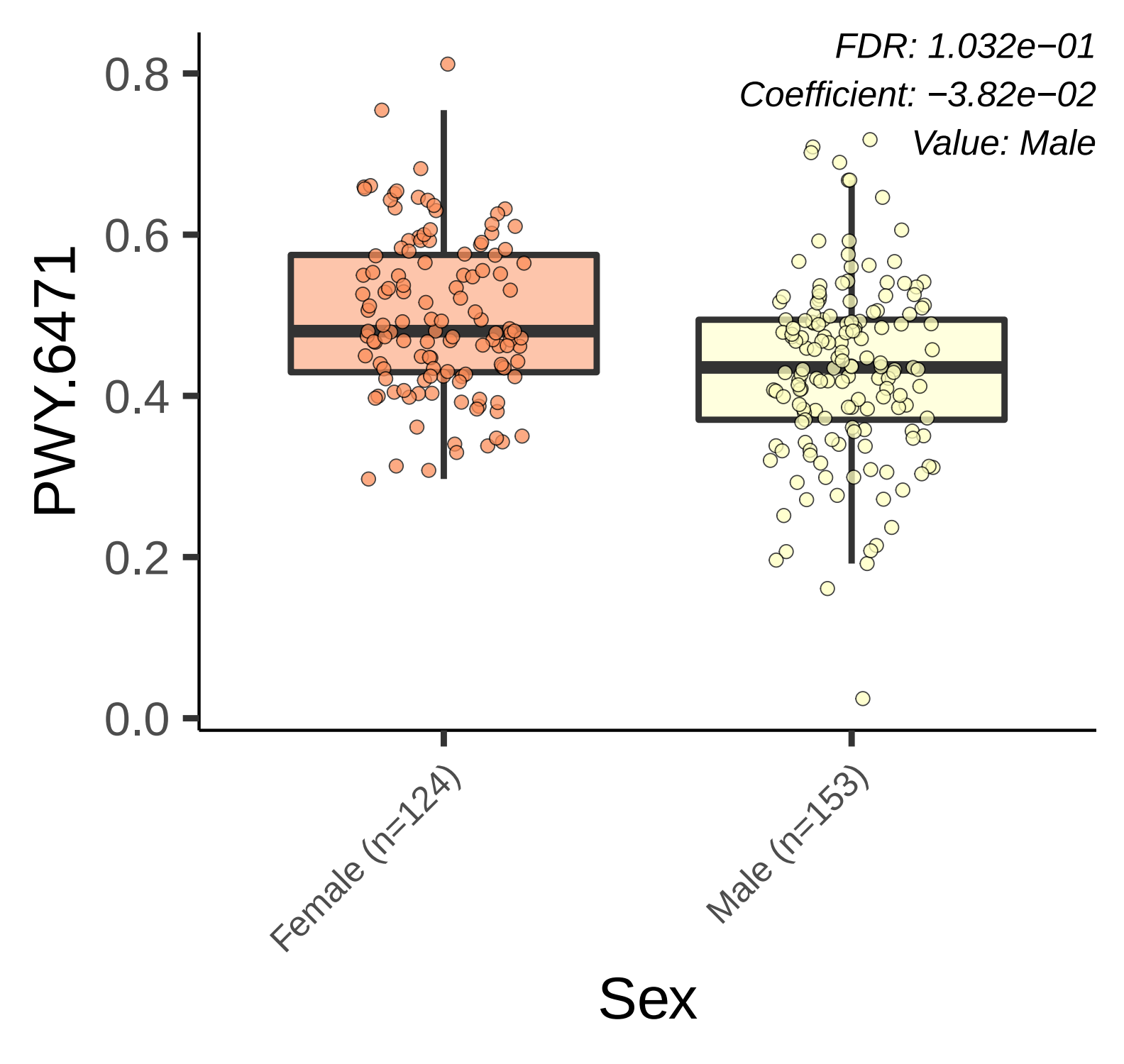

FDR: 8.506e−02
Coefficient: −4.67e−02
Value: Male
P124.PWY
0.8
0.6
0.4
0.2
0.0
−0.2
Female (n=124)
Male (n=153)
Sex

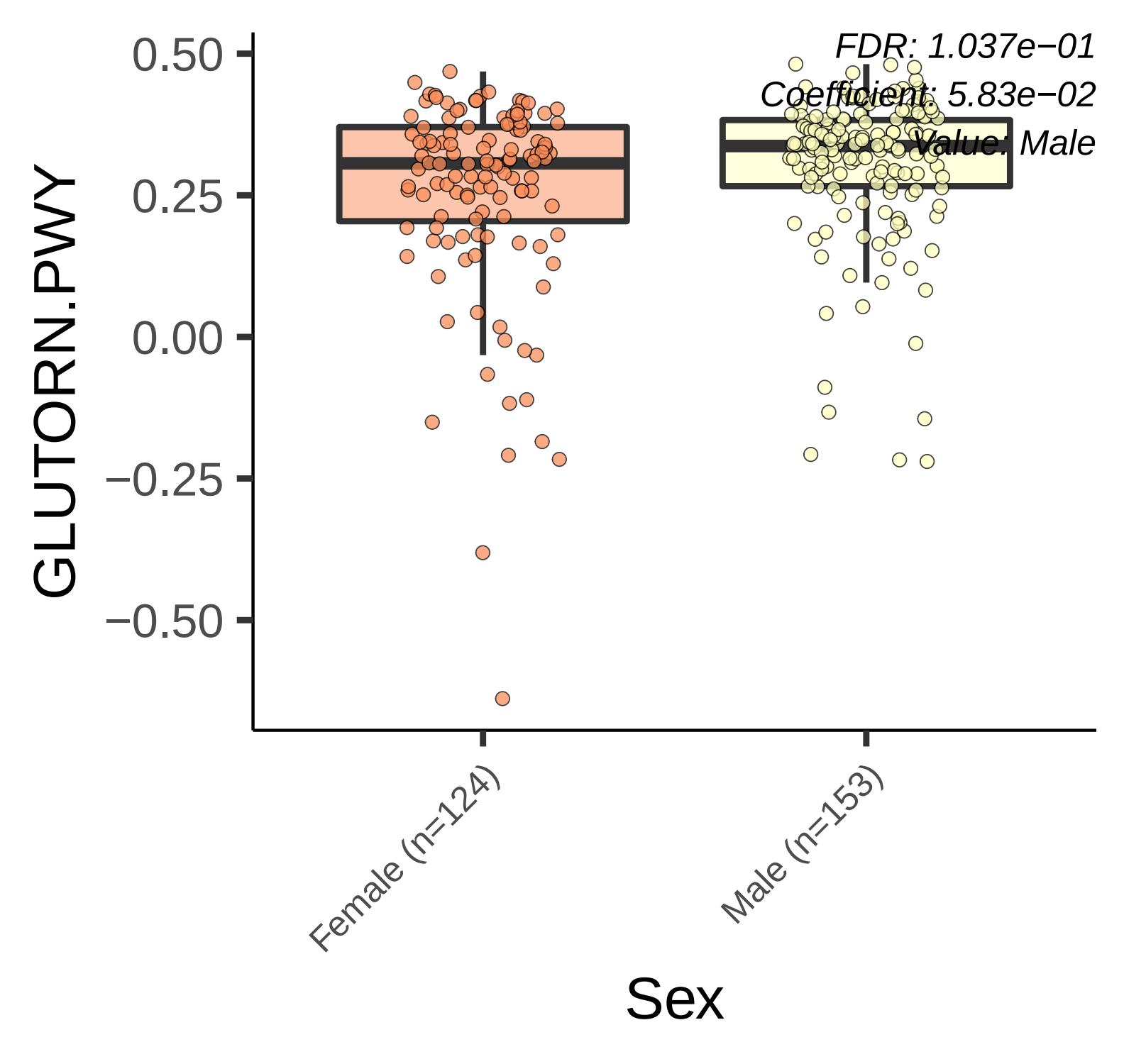

FDR: 8.747e−02
Coefficient: −3.23e−02
Value: Male
P441.PWY
0.6
0.4
0.2
0.0
−0.2
−0.4
Female (n=124)
Male (n=153)
Sex

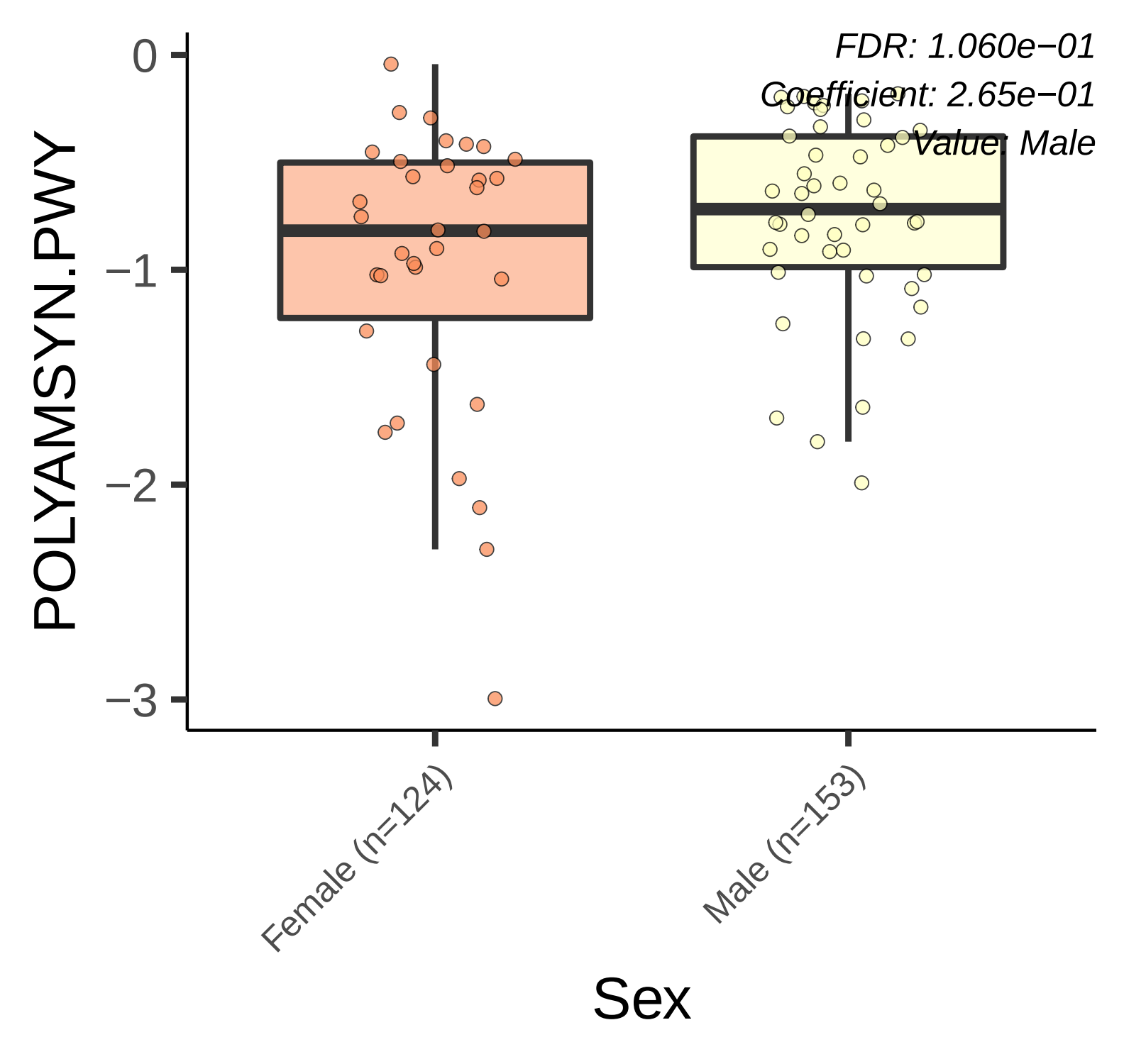

FDR: 8.984e−02
Coefficient: 2.87e−01
Value: Male
FUC.RHAMCAT.PWY
0.0
−0.5
−1.0
−1.5
−2.0
Female (n=124)
Male (n=153)
Sex

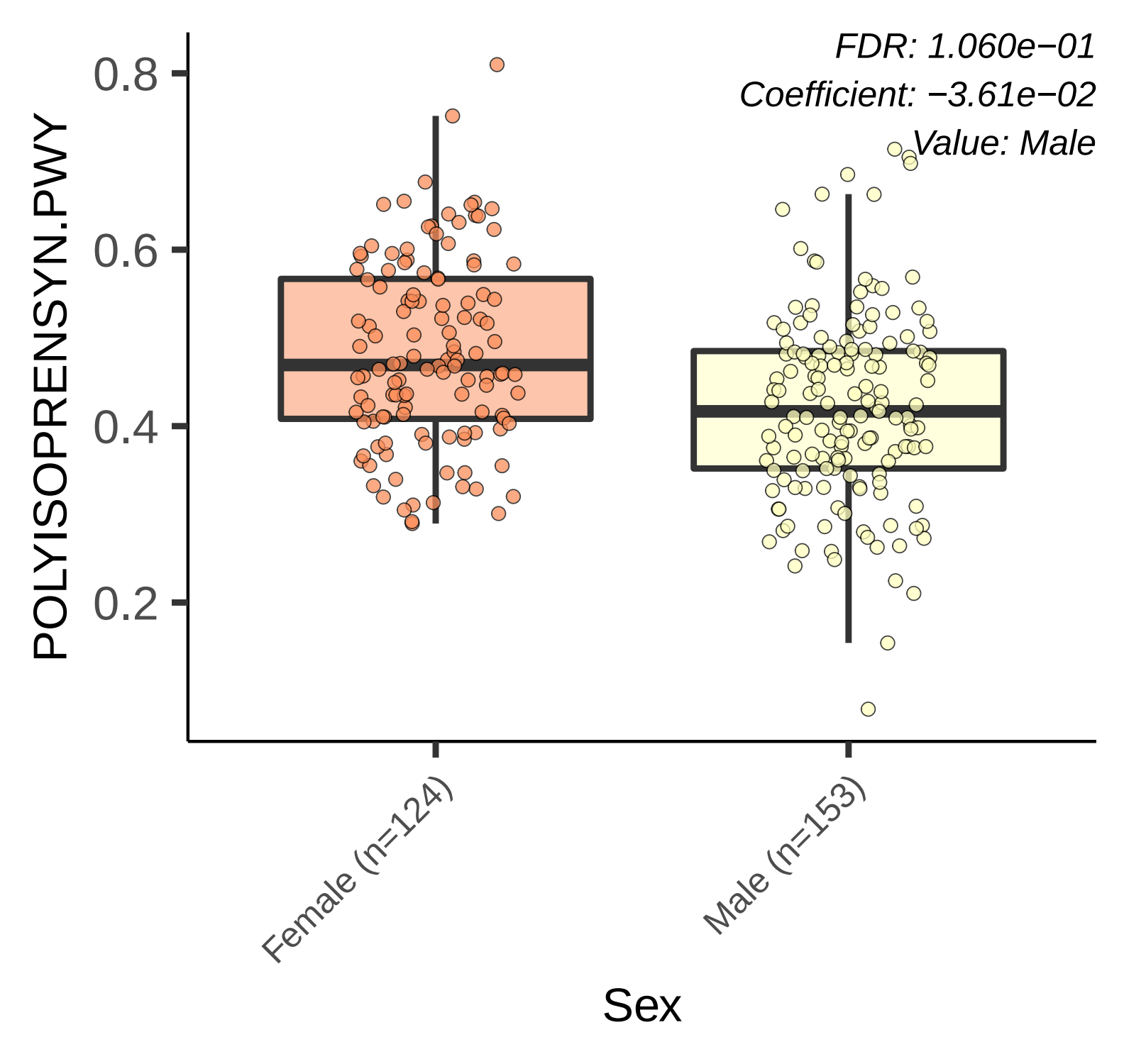

FDR: 9.707e−02
Coefficient: −2.22e−02
Value: Male
GLUCONEO.PWY
0.8
0.6
0.4
Female (n=124)
Male (n=153)
Sex

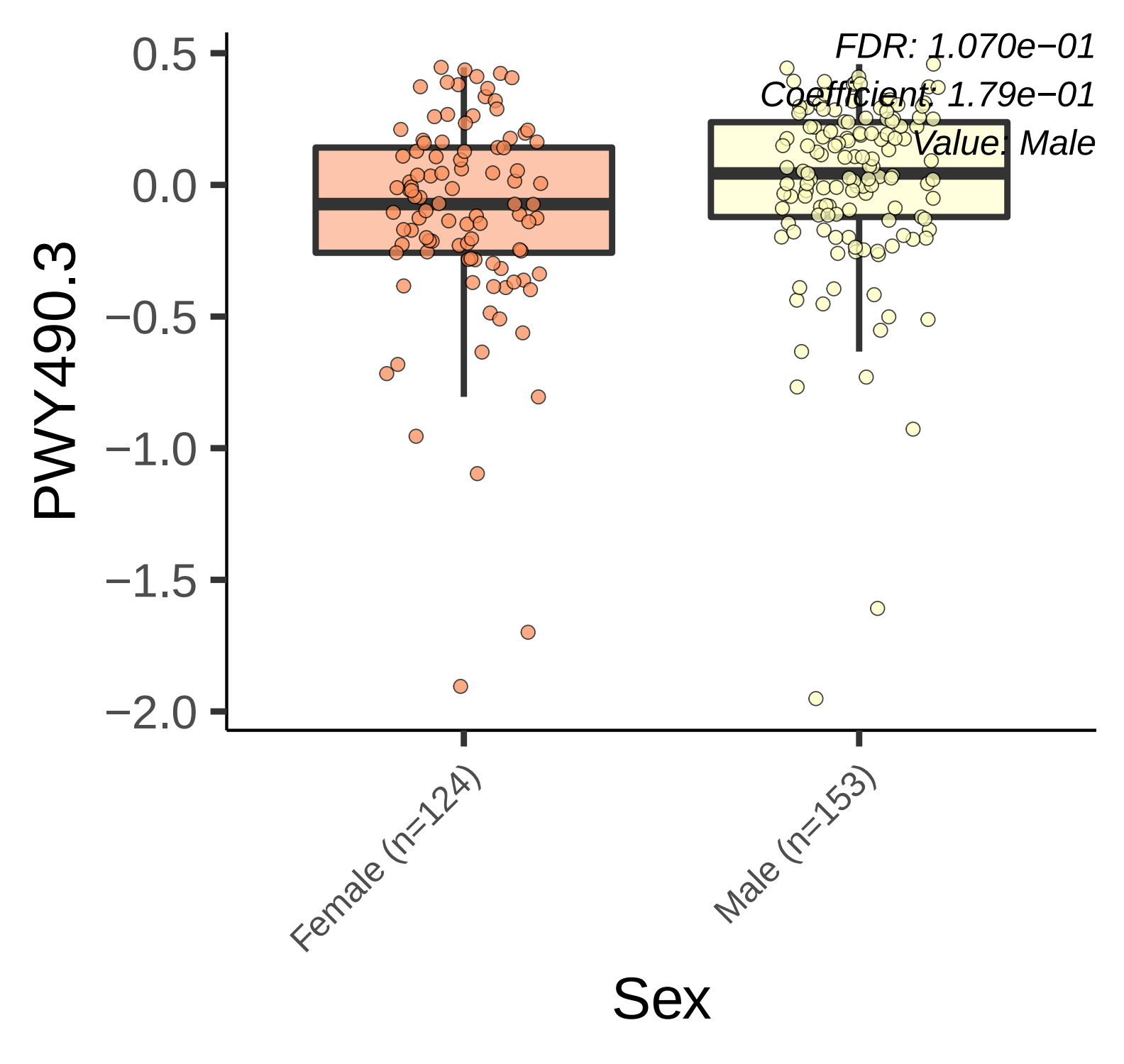

FDR: 1.017e−01
Coefficient: −2.11e−02
Value: Male
GLYCOLYSIS
0.8
0.6
0.4
Female (n=124)
Male (n=153)
Sex

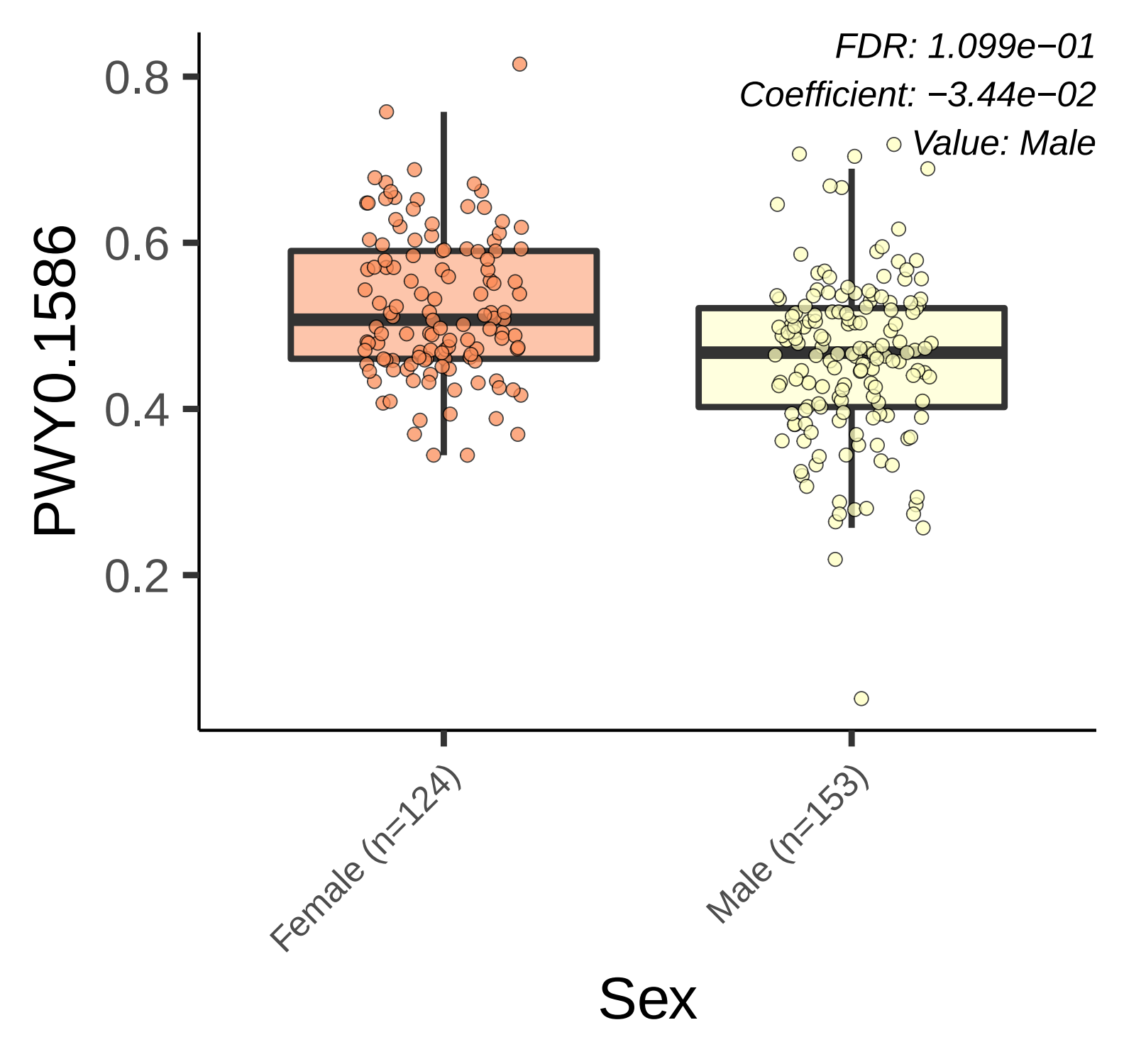

FDR: 1.032e−01
Coefficient: −3.82e−02
Value: Male
PWY.6471
0.8
0.6
0.4
0.2
0.0
Female (n=124)
Male (n=153)
Sex

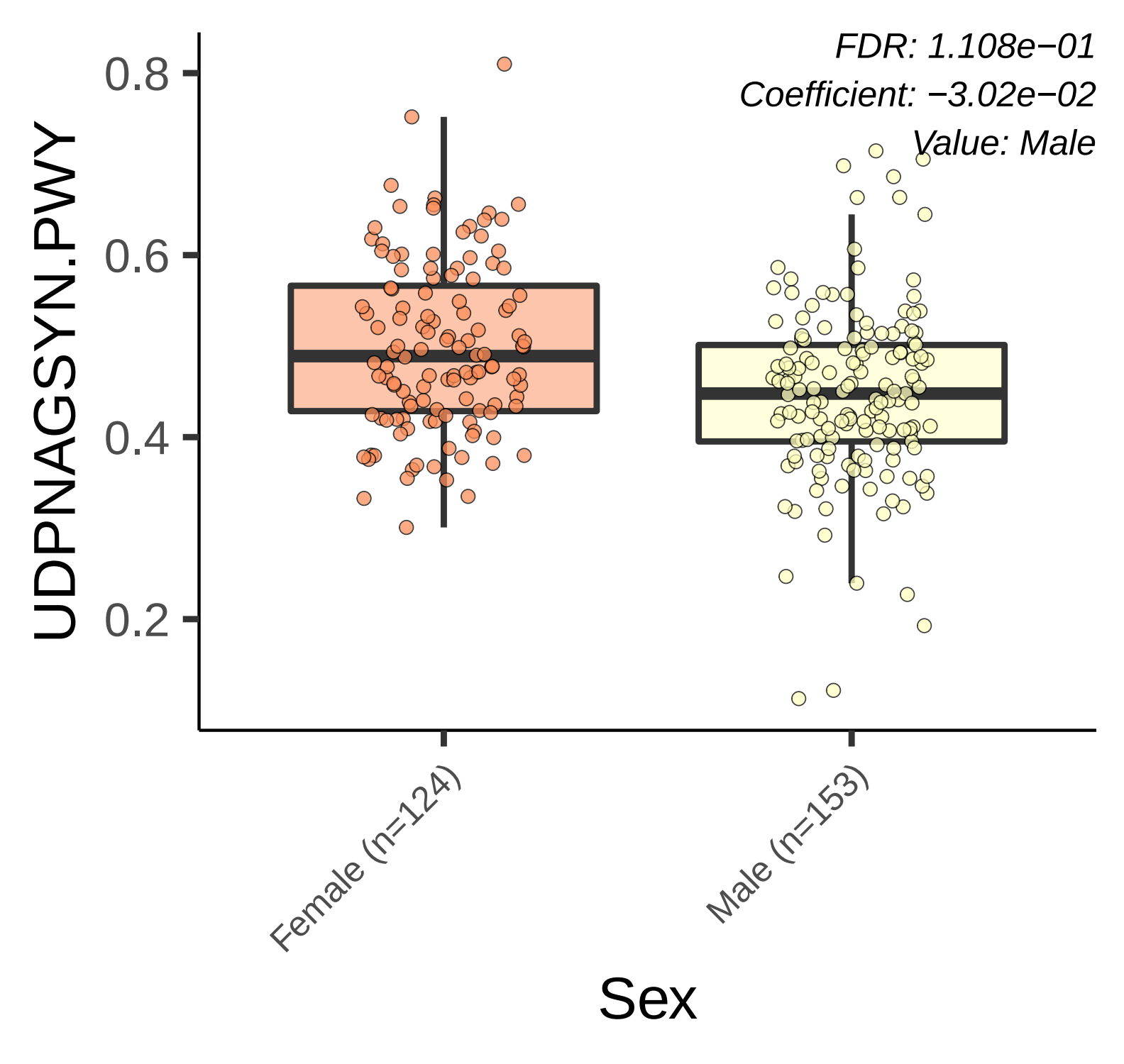

FDR: 1.037e−01
Coefficient: 5.83e−02
Value: Male
0.50
0.25
0.00
−0.25
−0.50
GLUTORN.PWY
Female (n=124)
Male (n=153)
Sex

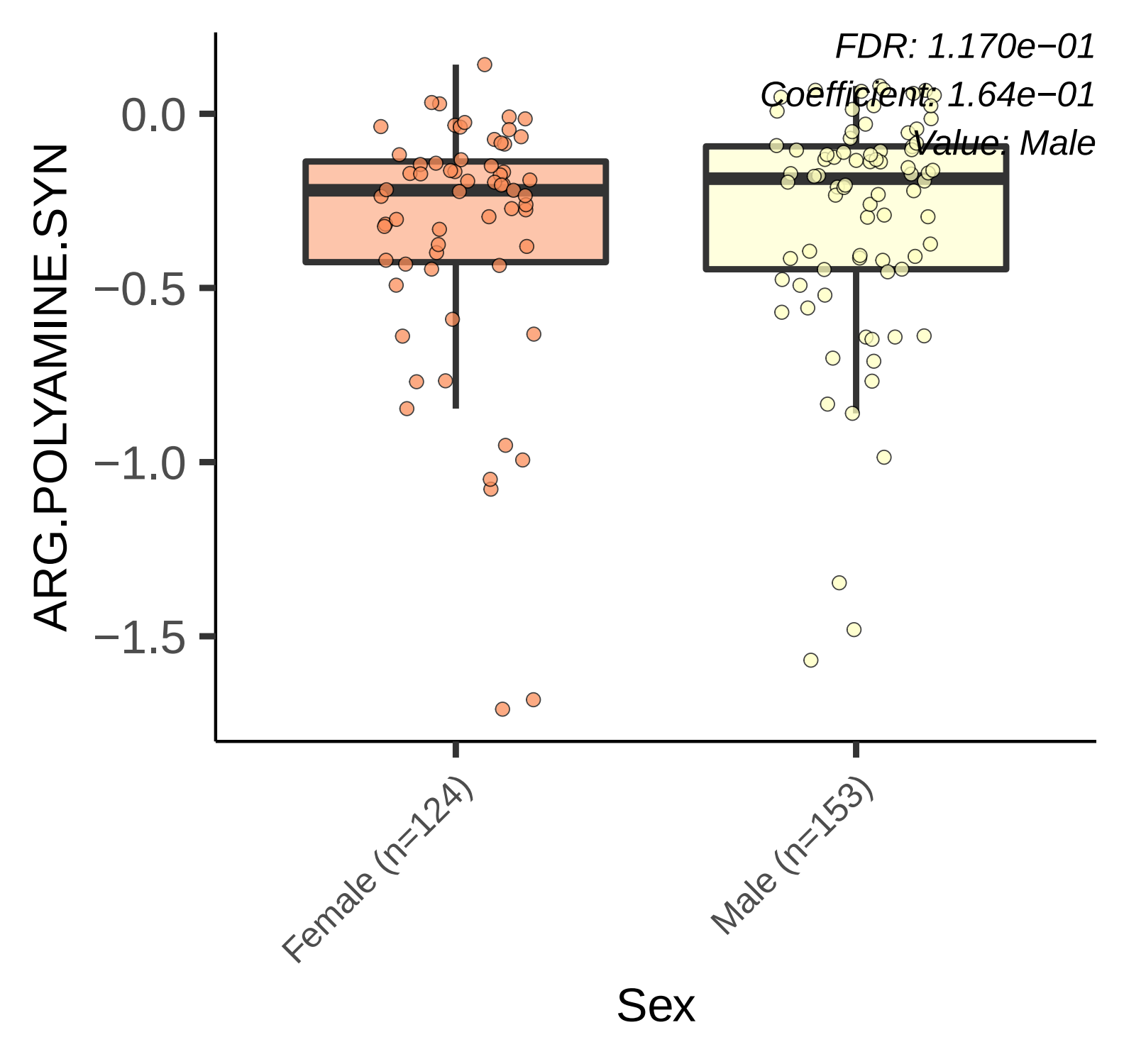

FDR: 1.060e−01
Coefficient: 2.65e−01
Value: Male
POLYAMSYN.PWY
0
−1
−2
−3
Female (n=124)
Male (n=153)
Sex

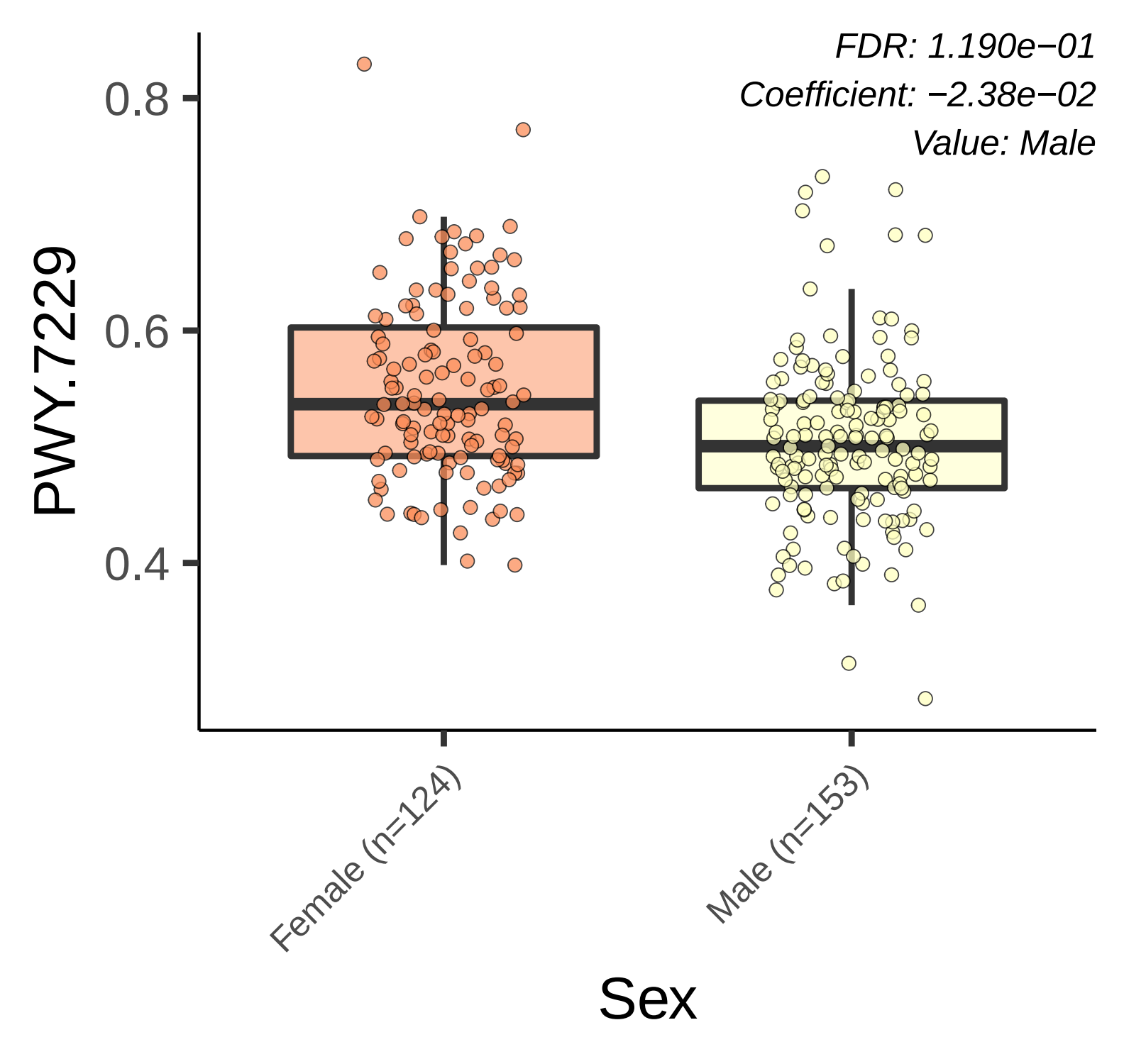

FDR: 1.060e−01
Coefficient: −3.61e−02
Value: Male
POLYISOPRENSYN.PWY
0.8
0.6
0.4
0.2
Female (n=124)
Male (n=153)
Sex

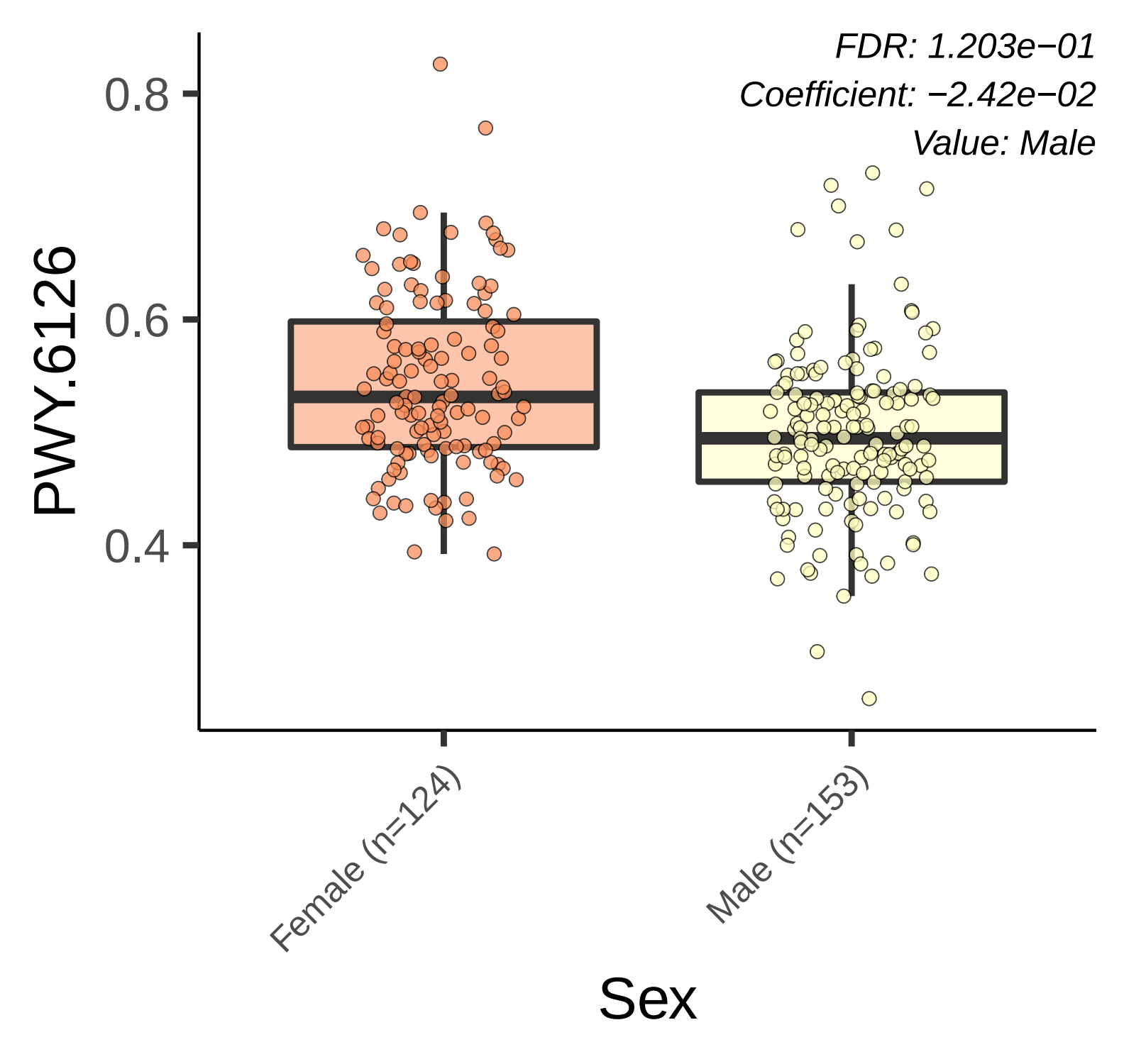

FDR: 1.070e−01
Coefficient: 1.79e−01
Value: Male
PWY490.3
0.5
0.0
−0.5
−1.0
−1.5
−2.0
Female (n=124)
Male (n=153)
Sex

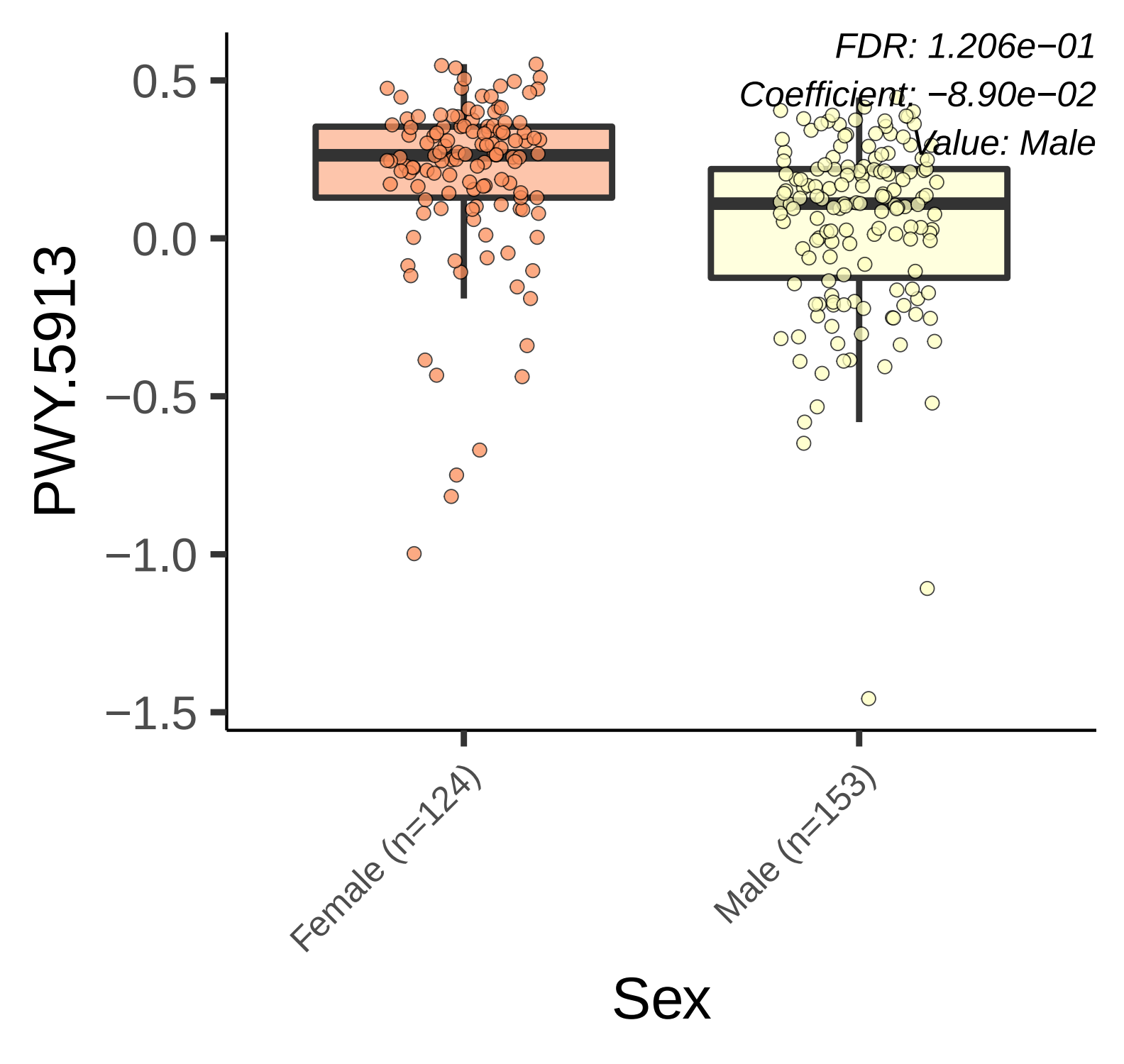

FDR: 1.099e−01
Coefficient: −3.44e−02
Value: Male
PWY0.1586
0.8
0.6
0.4
0.2
Female (n=124)
Male (n=153)
Sex

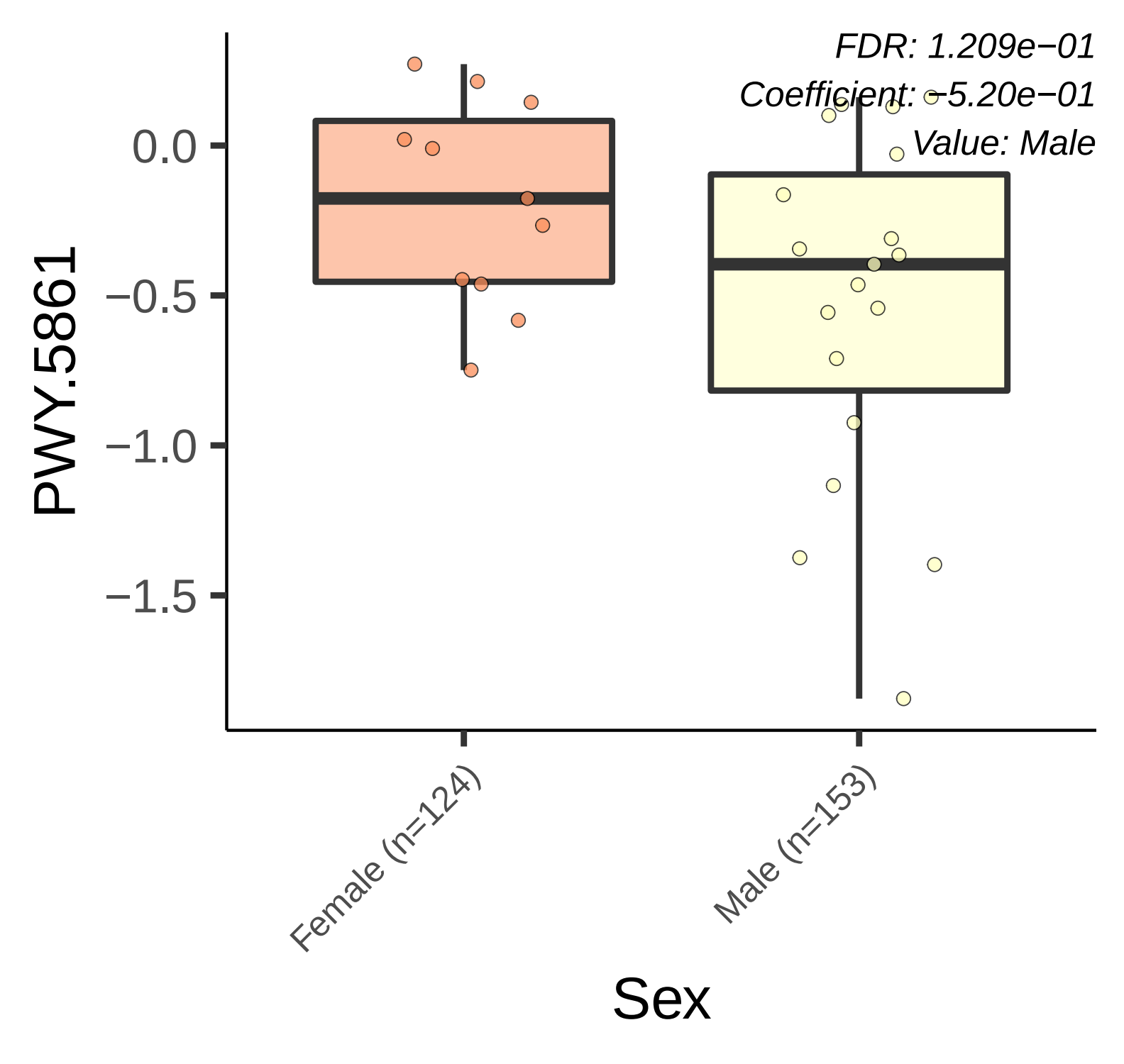

FDR: 1.108e−01
Coefficient: −3.02e−02
Value: Male
UDPNAGSYN.PWY
0.8
0.6
0.4
0.2
Female (n=124)
Male (n=153)
Sex

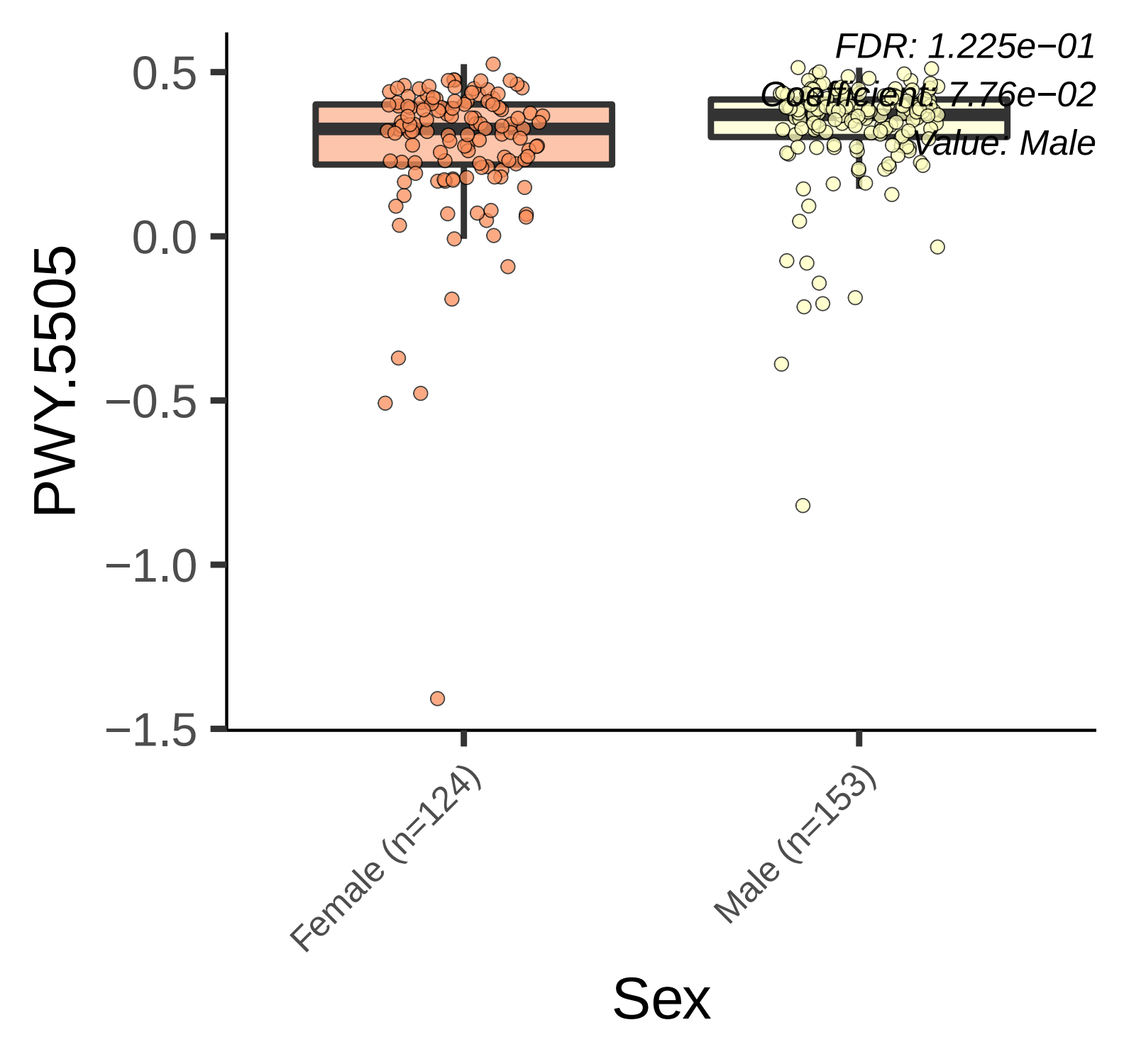

FDR: 1.170e−01
Coefficient: 1.64e−01
Value: Male
ARG.POLYAMINE.SYN
0.0
−0.5
−1.0
−1.5
Female (n=124)
Male (n=153)
Sex

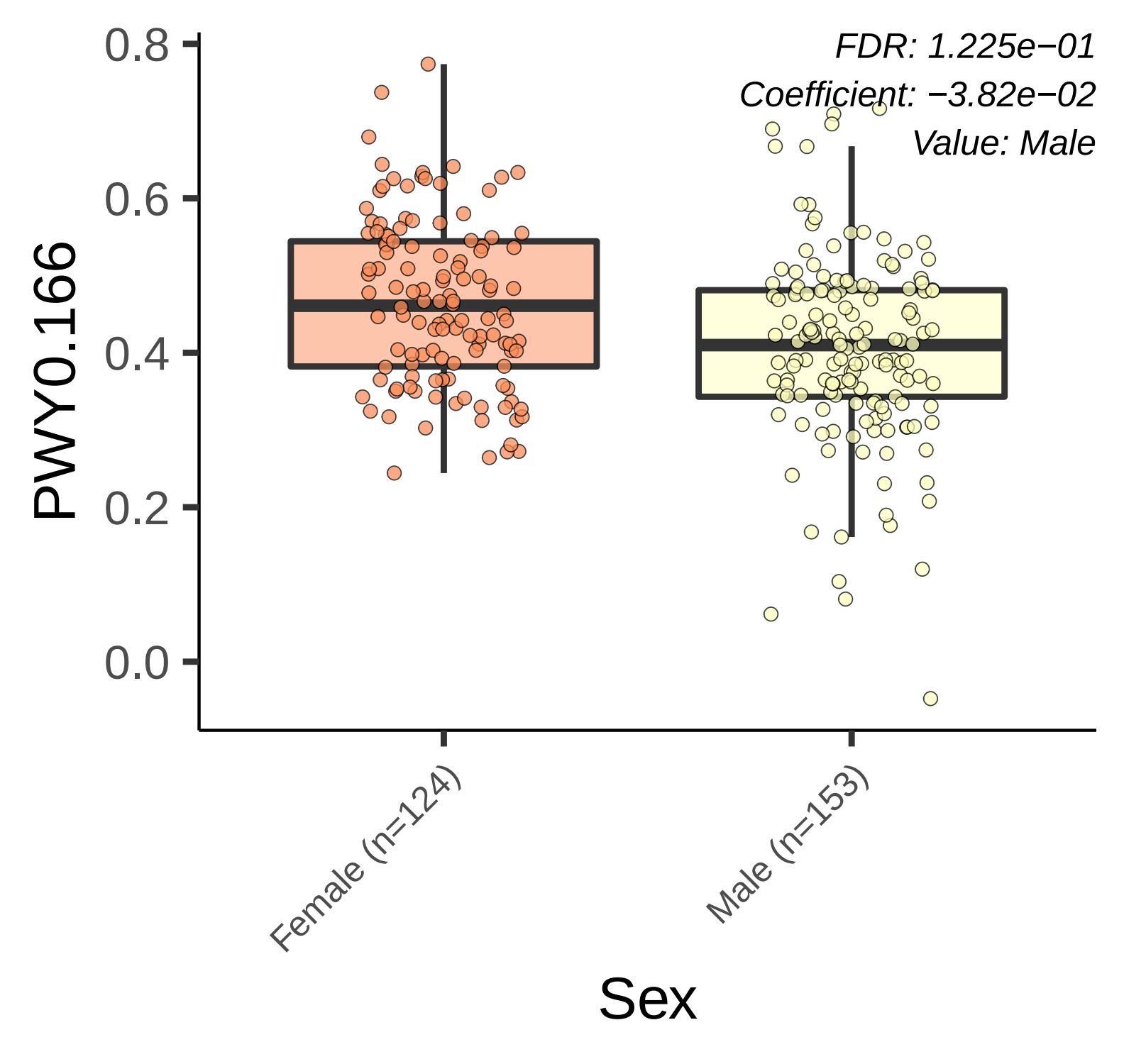

FDR: 1.190e−01
Coefficient: −2.38e−02
Value: Male
PWY.7229
0.8
0.6
0.4
Female (n=124)
Male (n=153)
Sex

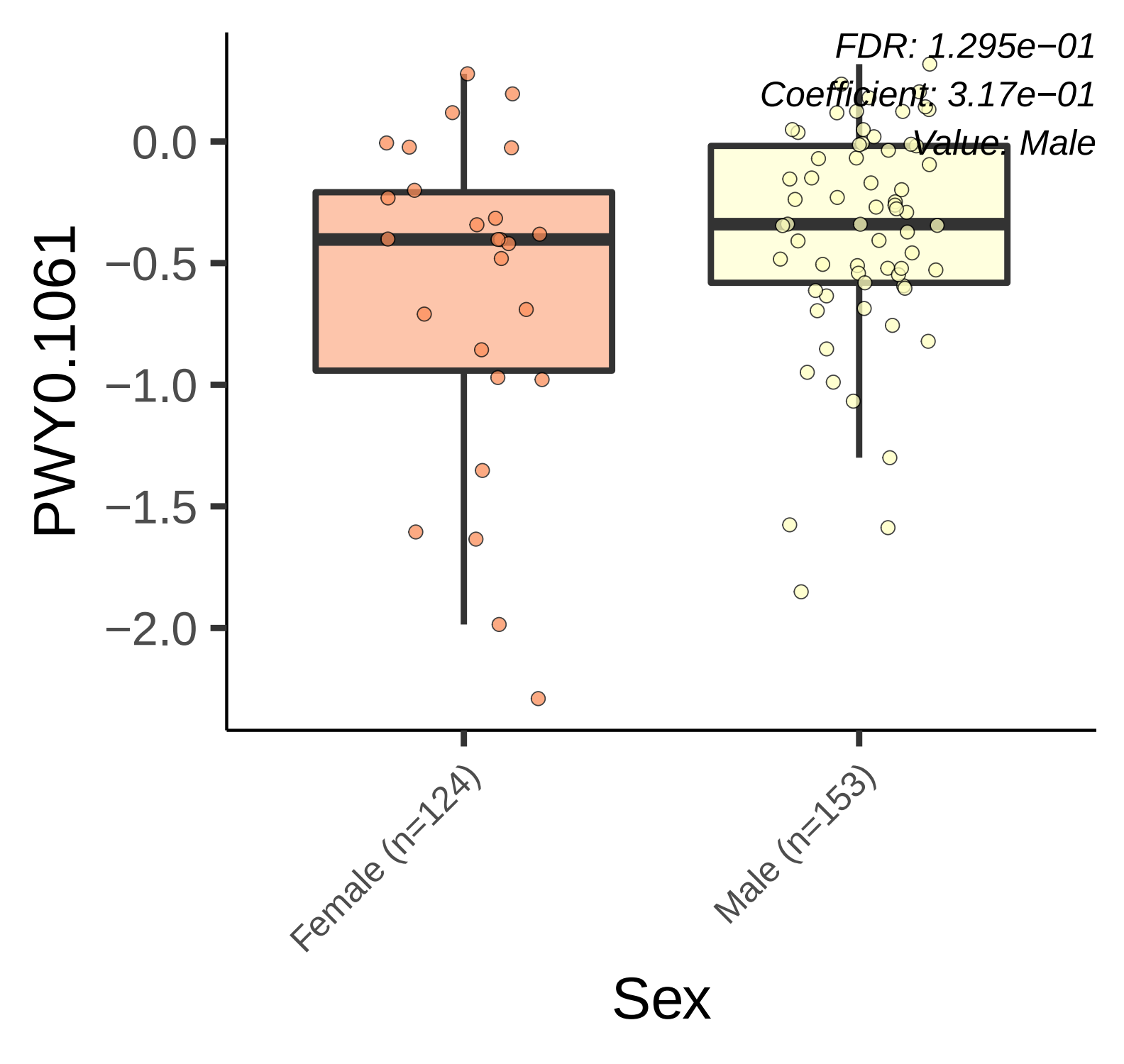

FDR: 1.203e−01
Coefficient: −2.42e−02
Value: Male
PWY.6126
0.8
0.6
0.4
Female (n=124)
Male (n=153)
Sex

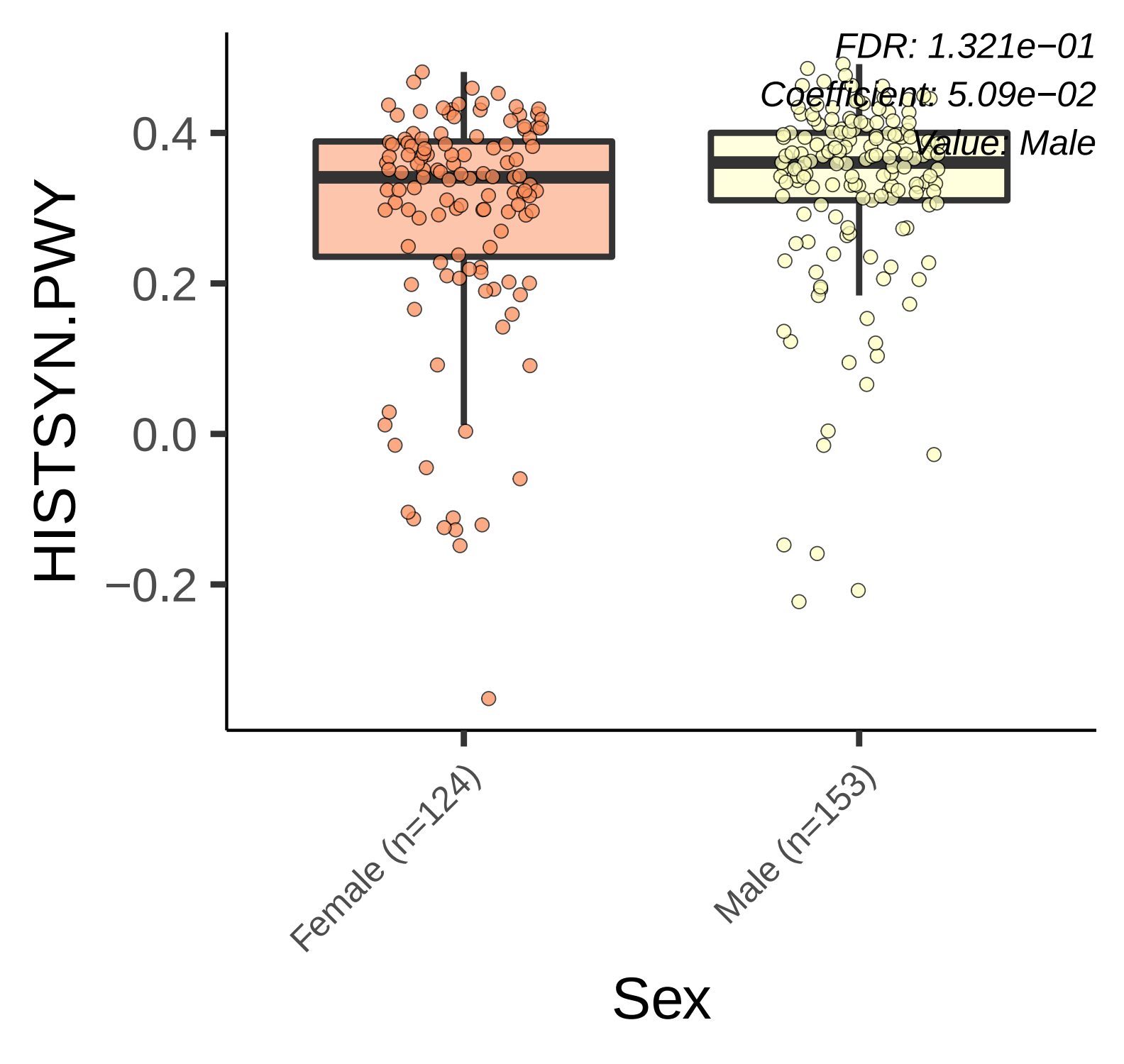

FDR: 1.206e−01
Coefficient: −8.90e−02
Value: Male
PWY.5913
0.5
0.0
−0.5
−1.0
−1.5
Female (n=124)
Male (n=153)
Sex

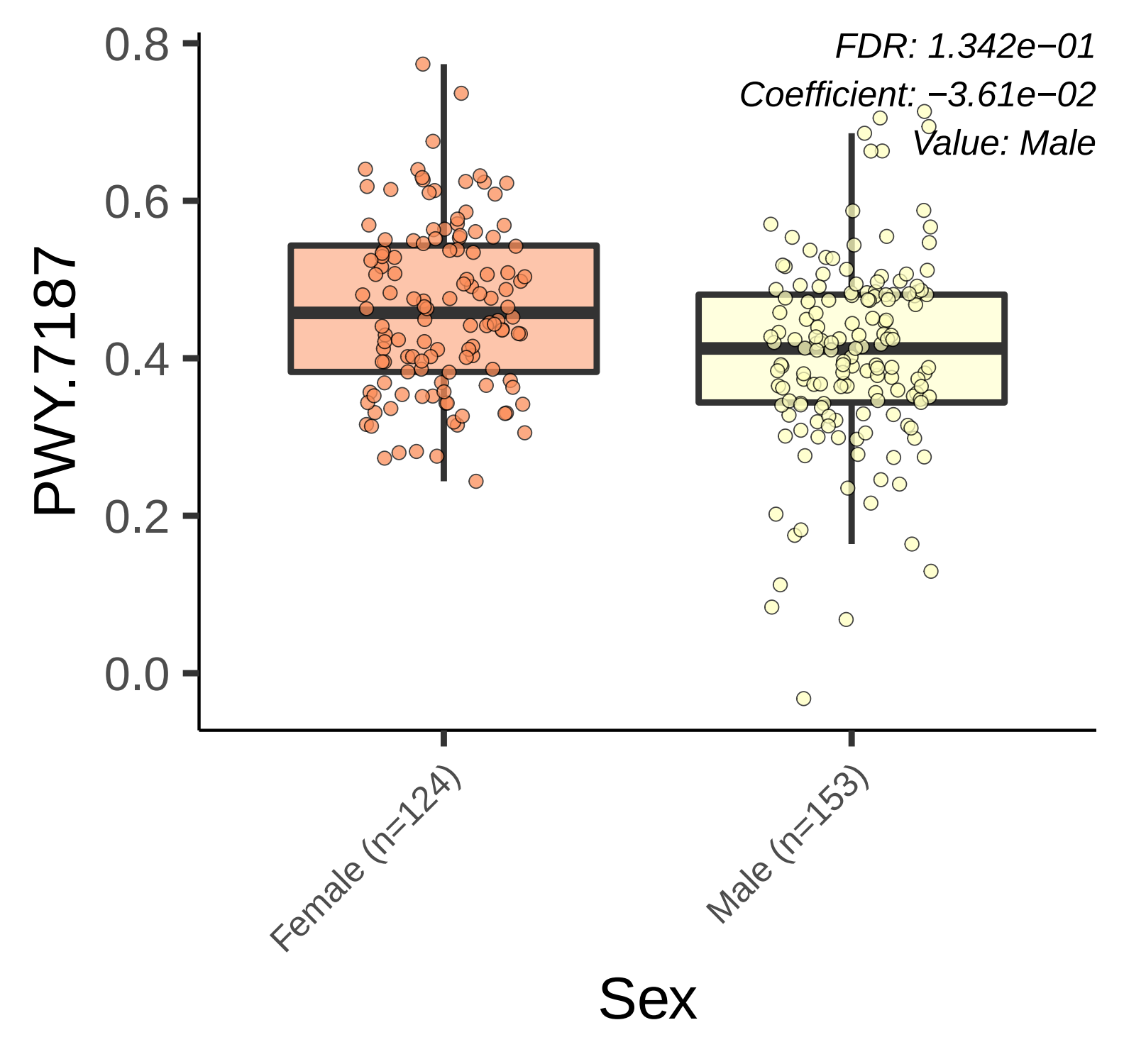

FDR: 1.209e−01
Coefficient: −5.20e−01
Value: Male
PWY.5861
0.0
−0.5
−1.0
−1.5
Female (n=124)
Male (n=153)
Sex

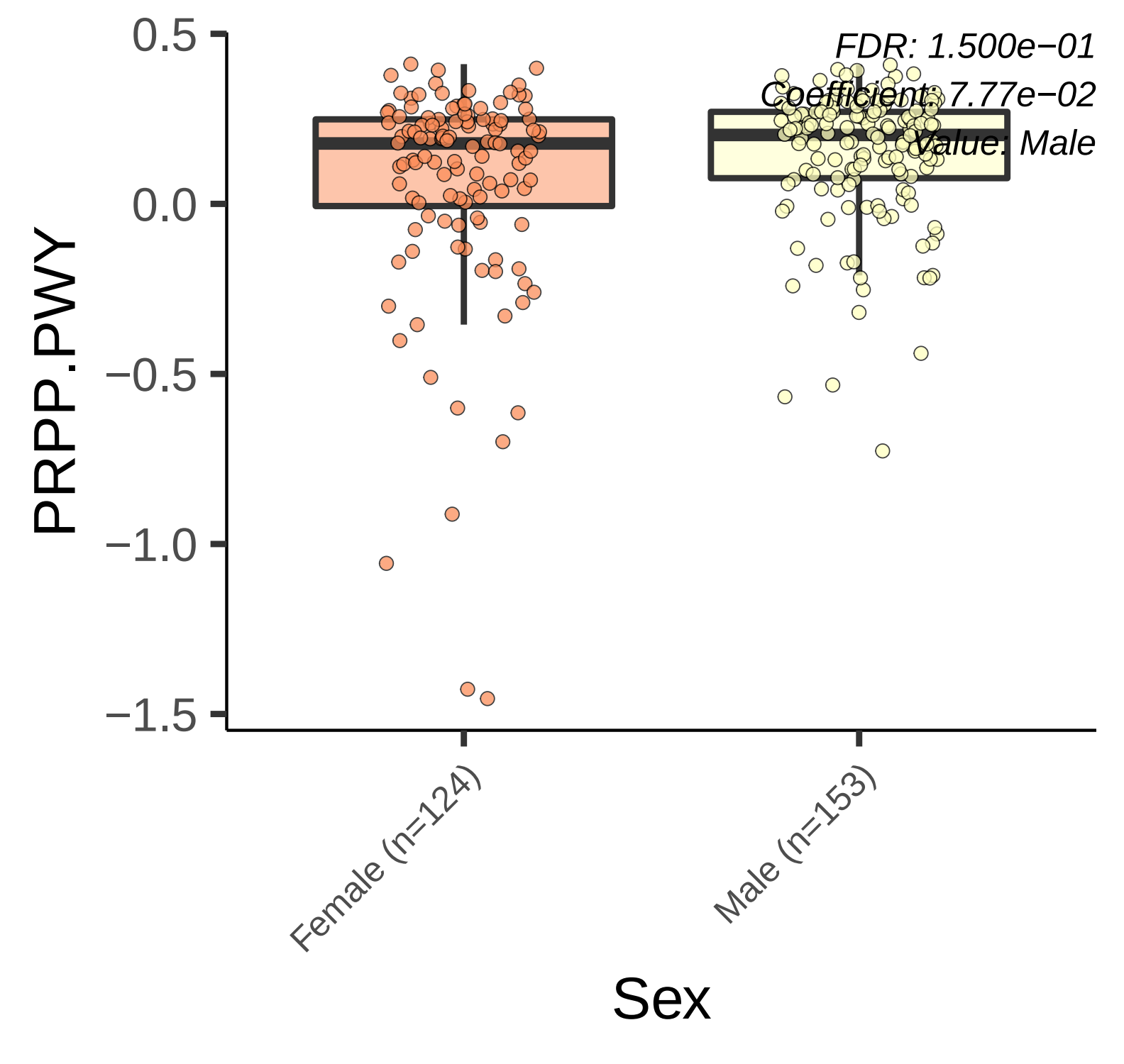

FDR: 1.225e−01
Coefficient: 7.76e−02
Value: Male
0.5
0.0
−0.5
−1.0
−1.5
PWY.5505
Female (n=124)
Male (n=153)
Sex

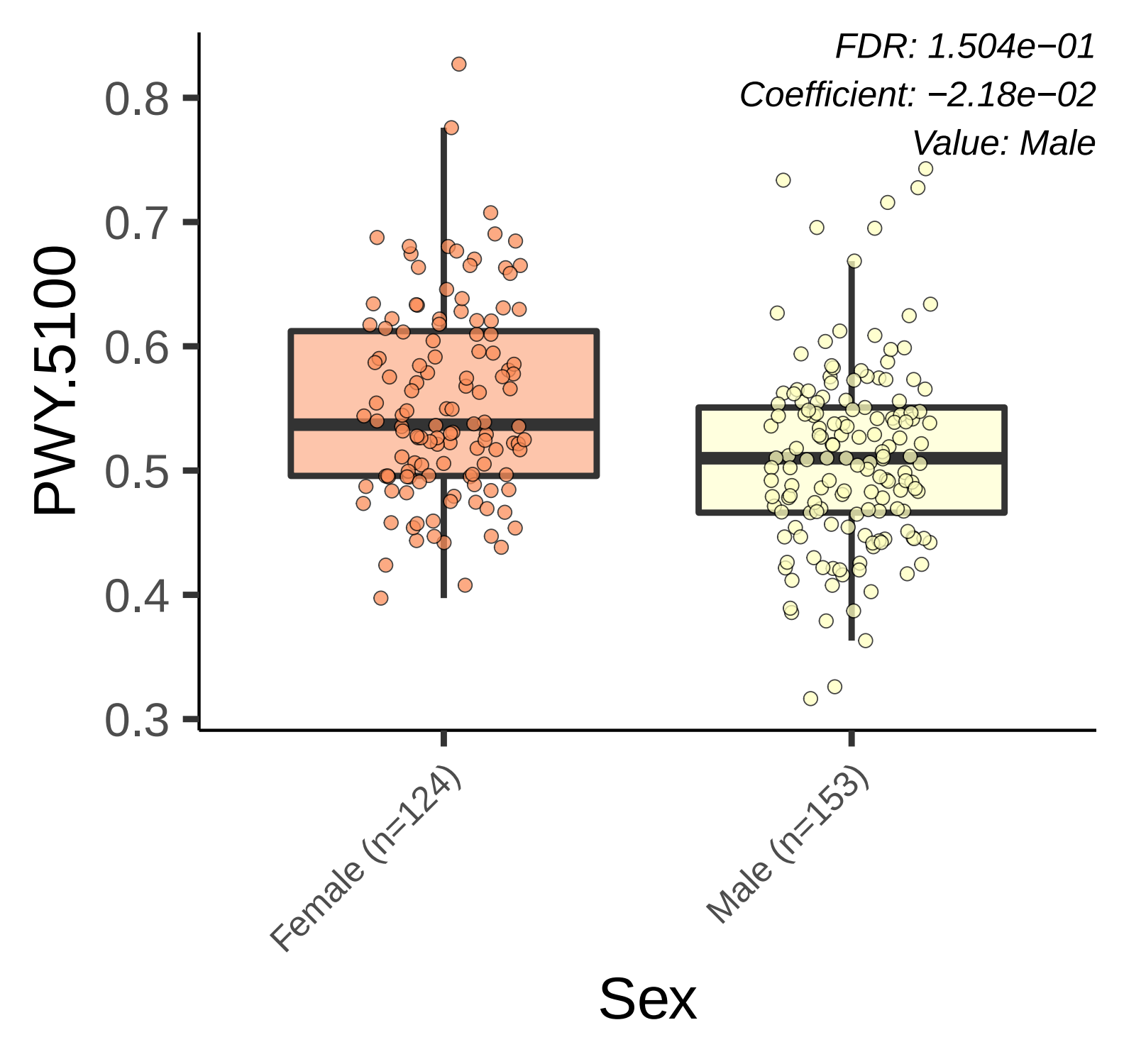

FDR: 1.225e−01
Coefficient: −3.82e−02
Value: Male
PWY0.166
0.8
0.6
0.4
0.2
0.0
Female (n=124)
Male (n=153)
Sex

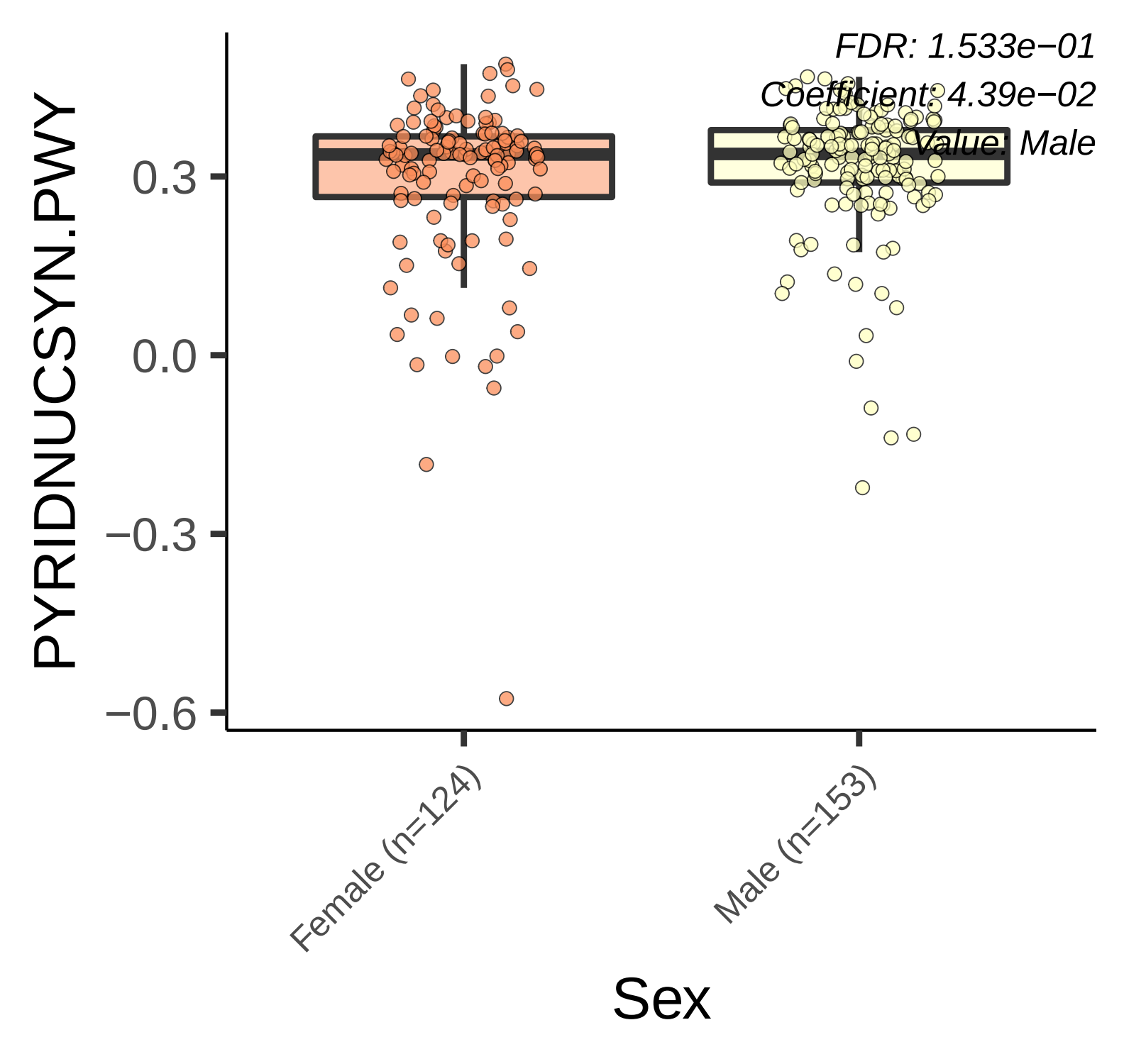

FDR: 1.295e−01
Coefficient: 3.17e−01
Value: Male
PWY0.1061
0.0
−0.5
−1.0
−1.5
−2.0
Female (n=124)
Male (n=153)
Sex

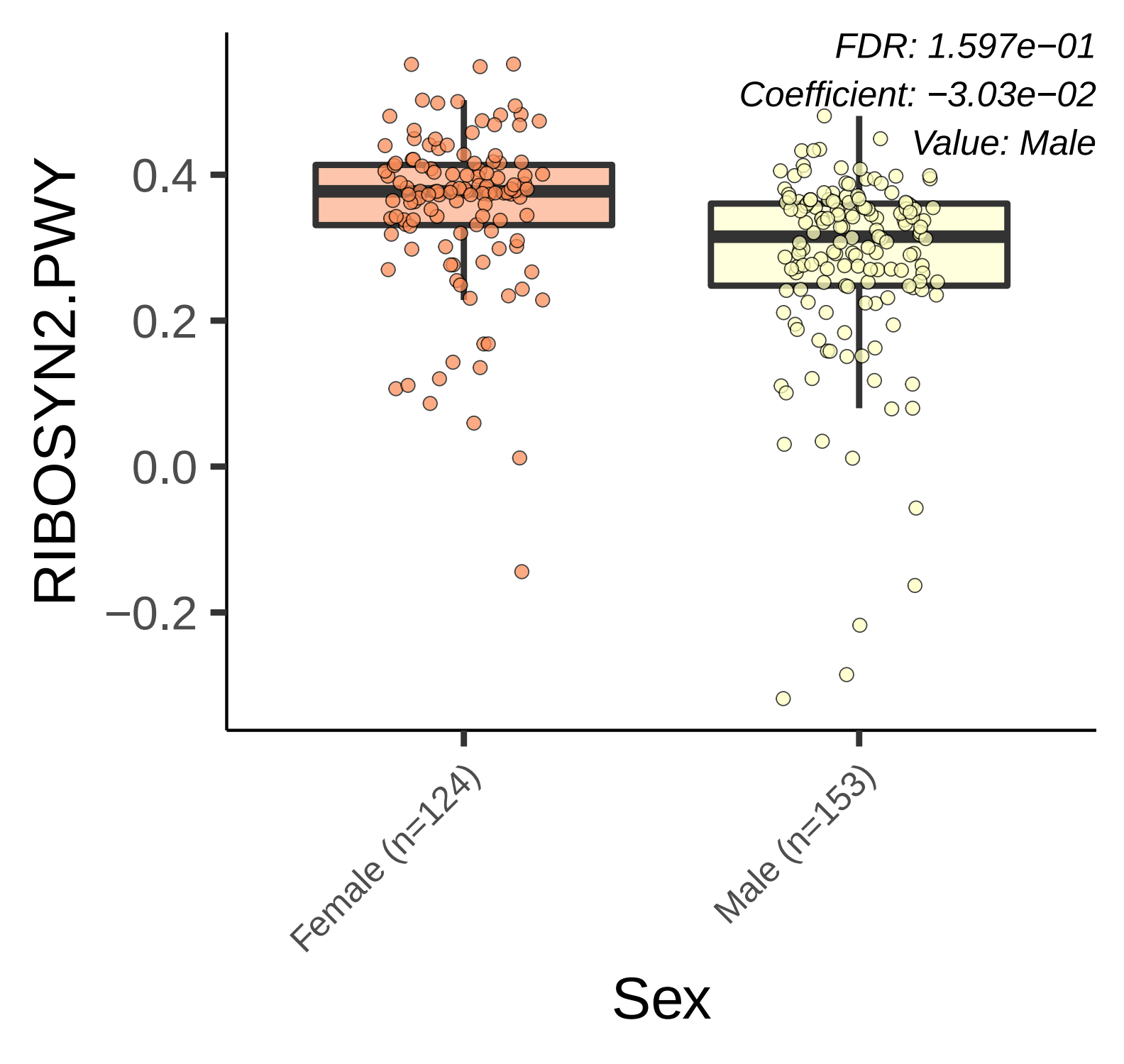

FDR: 1.321e−01
Coefficient: 5.09e−02
Value: Male
HISTSYN.PWY
0.4
0.2
0.0
−0.2
Female (n=124)
Male (n=153)
Sex

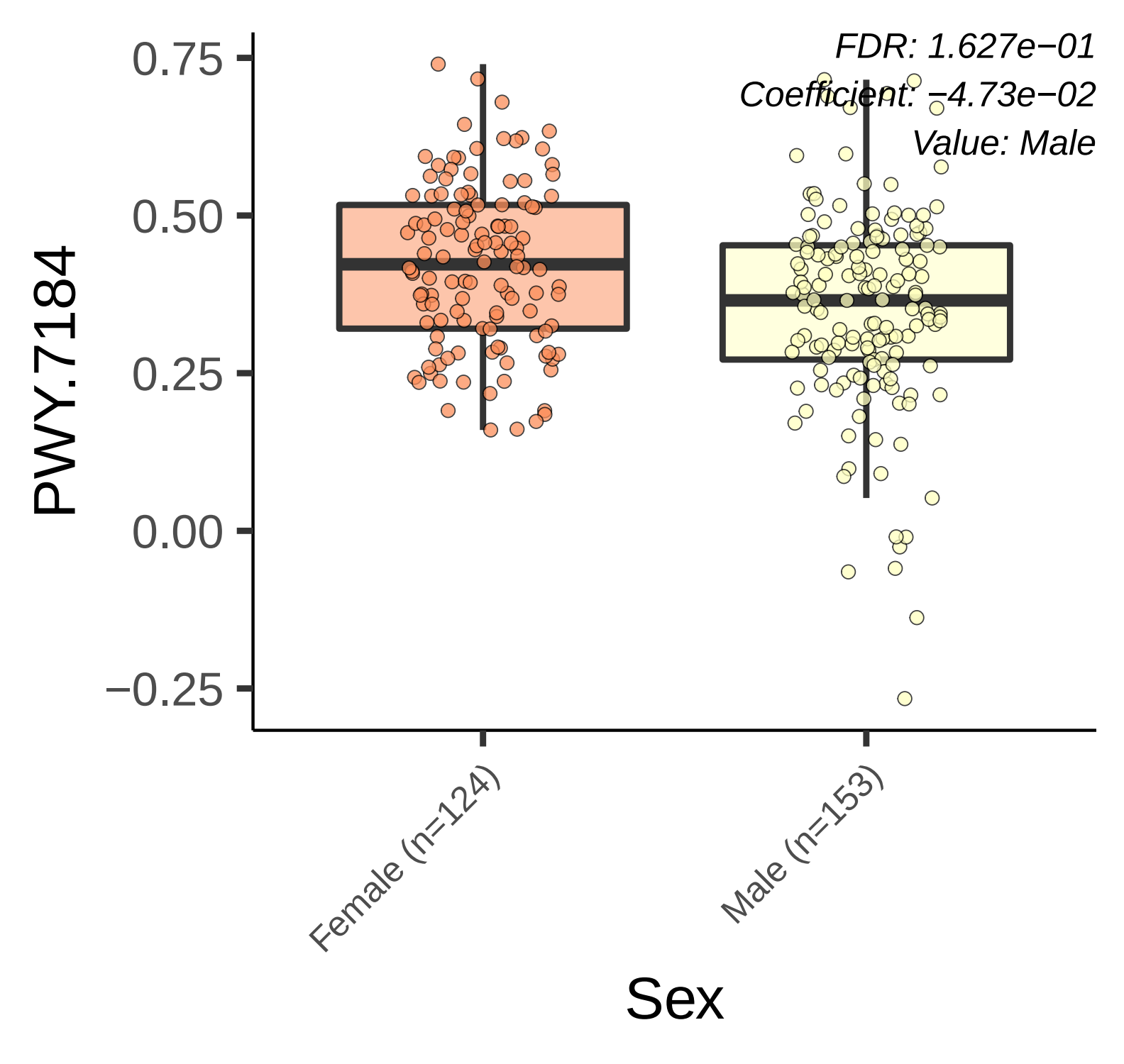

FDR: 1.342e−01
Coefficient: −3.61e−02
Value: Male
PWY.7187
0.8
0.6
0.4
0.2
0.0
Female (n=124)
Male (n=153)
Sex

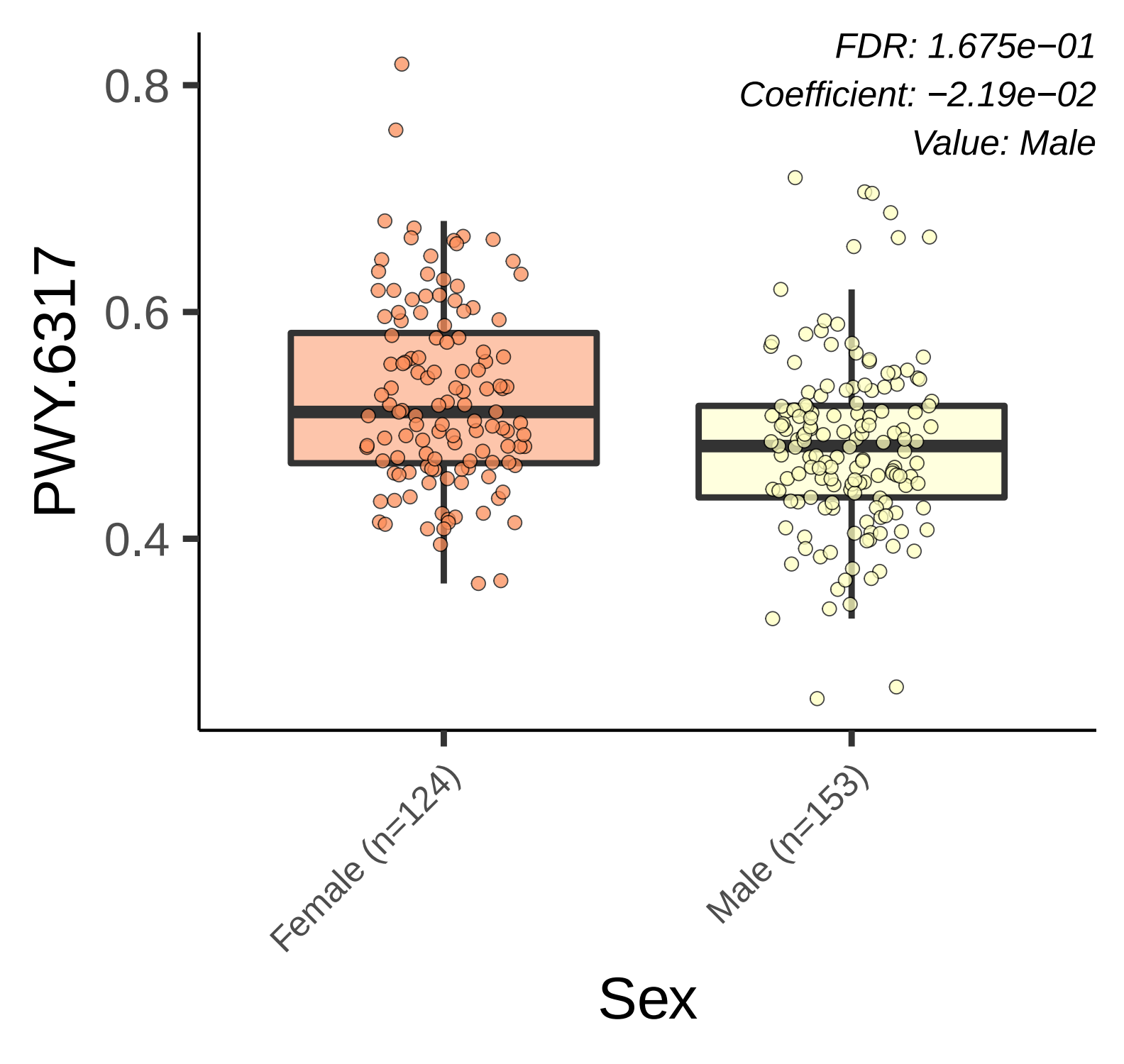

FDR: 1.500e−01
Coefficient: 7.77e−02
Value: Male
PRPP.PWY
0.5
0.0
−0.5
−1.0
−1.5
Female (n=124)
Male (n=153)
Sex

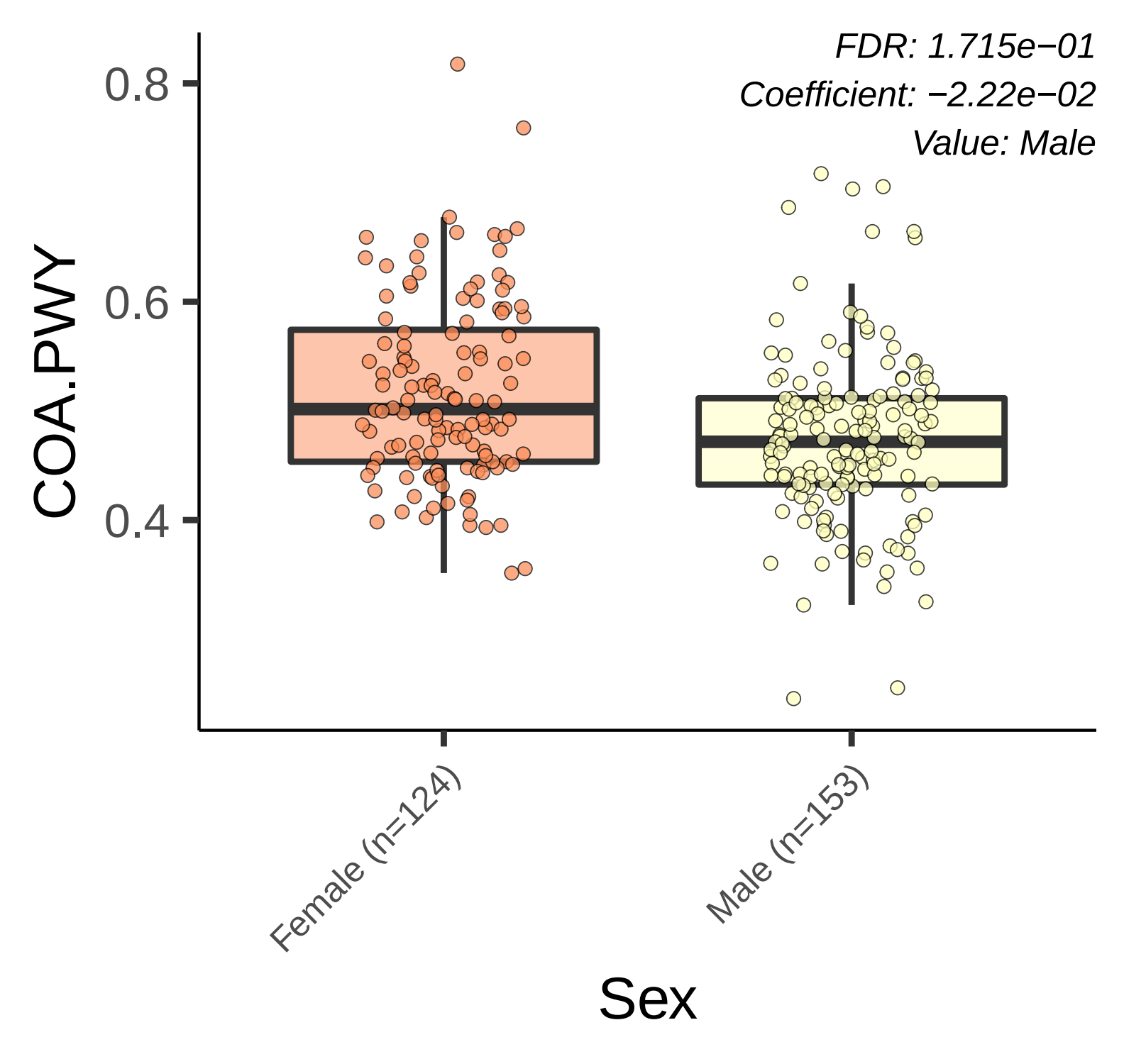

FDR: 1.504e−01
Coefficient: −2.18e−02
Value: Male
PWY.5100
0.8
0.7
0.6
0.5
0.4
0.3
Female (n=124)
Male (n=153)
Sex

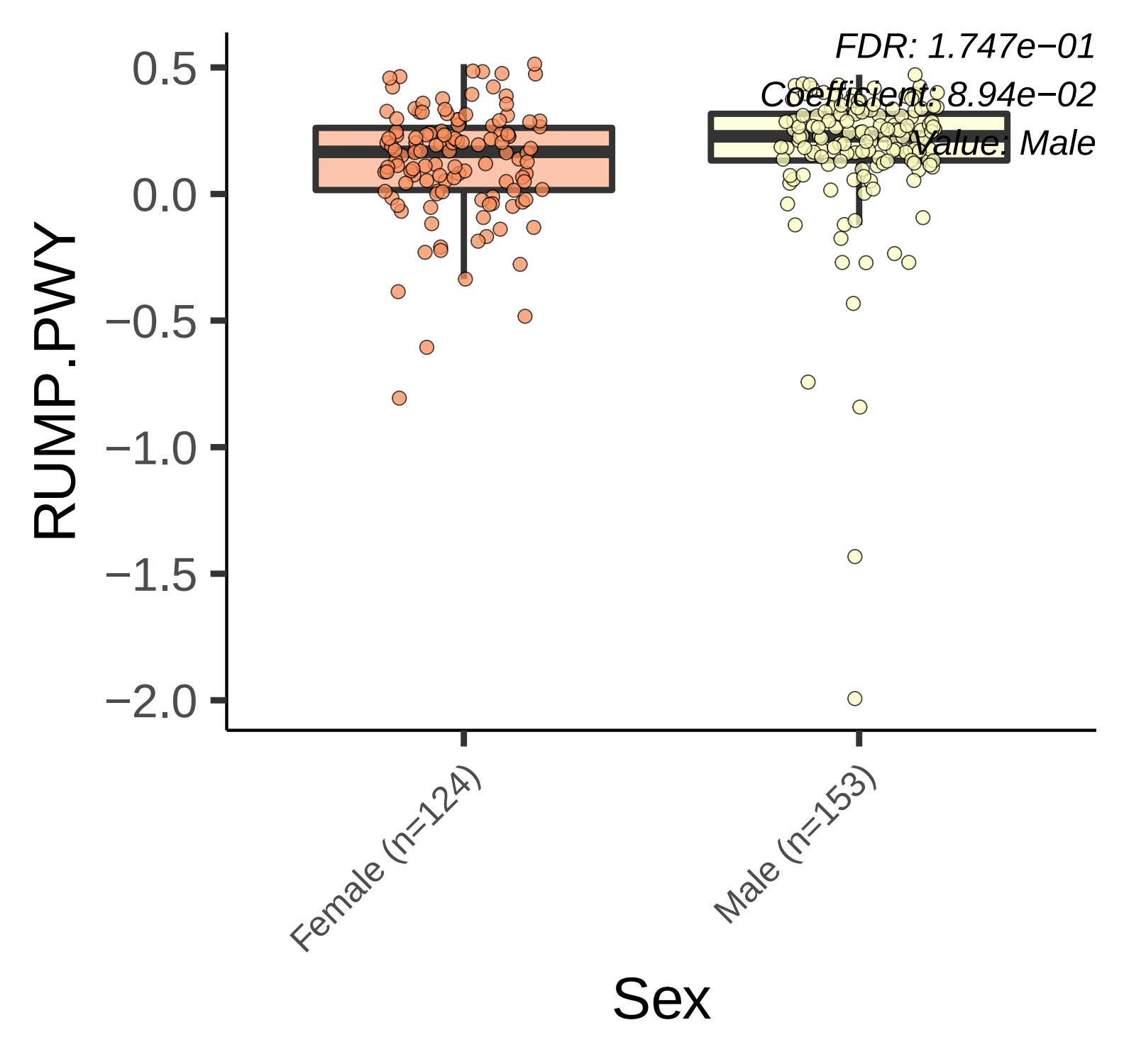

FDR: 1.533e−01
Coefficient: 4.39e−02
Value: Male
PYRIDNUCSYN.PWY
0.3
0.0
−0.3
−0.6
Female (n=124)
Male (n=153)
Sex

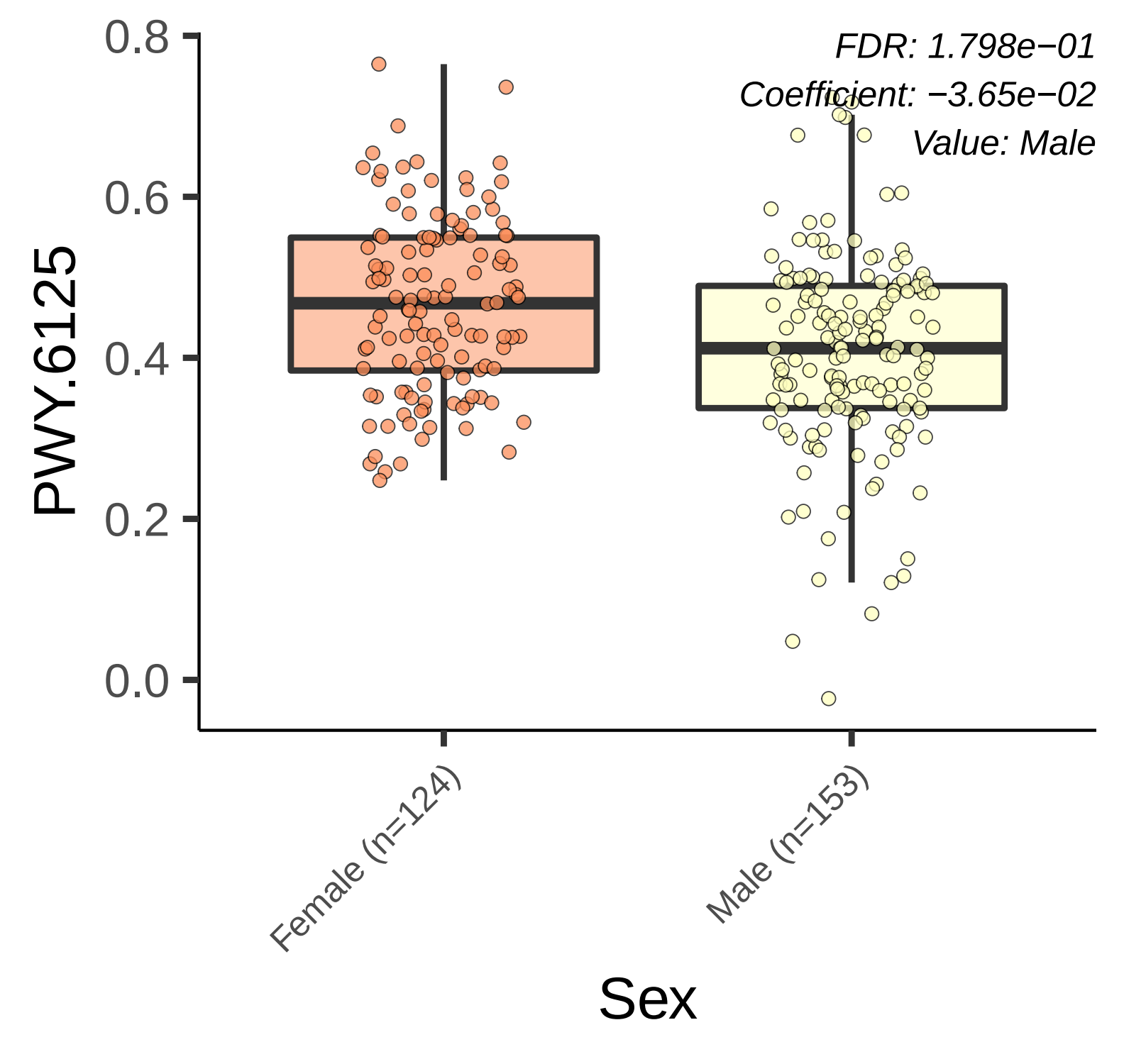

FDR: 1.597e−01
Coefficient: −3.03e−02
Value: Male
RIBOSYN2.PWY
0.4
0.2
0.0
−0.2
Female (n=124)
Male (n=153)
Sex

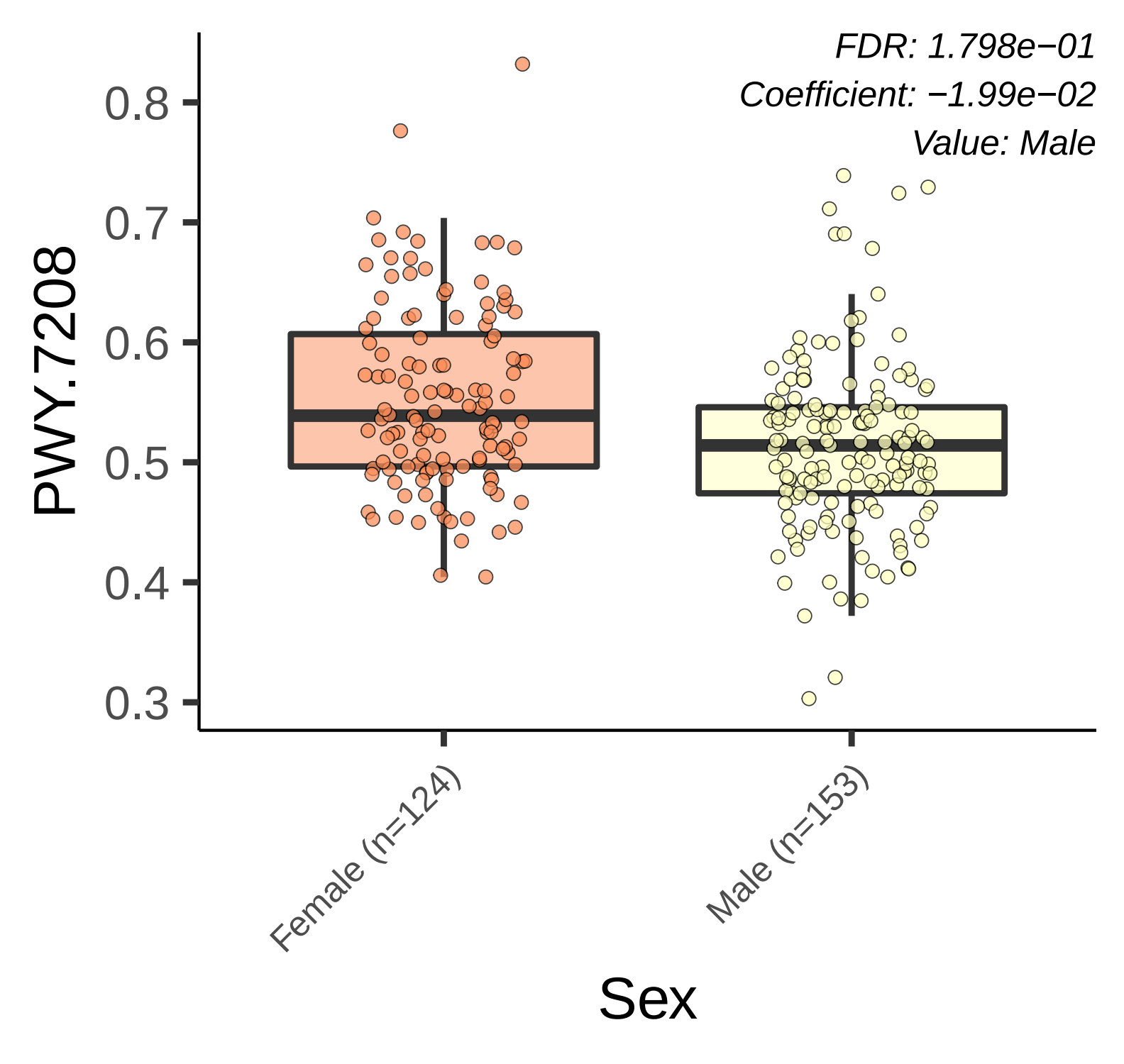

FDR: 1.627e−01
Coefficient: −4.73e−02
Value: Male
PWY.7184
0.75
0.50
0.25
0.00
−0.25
Female (n=124)
Male (n=153)
Sex

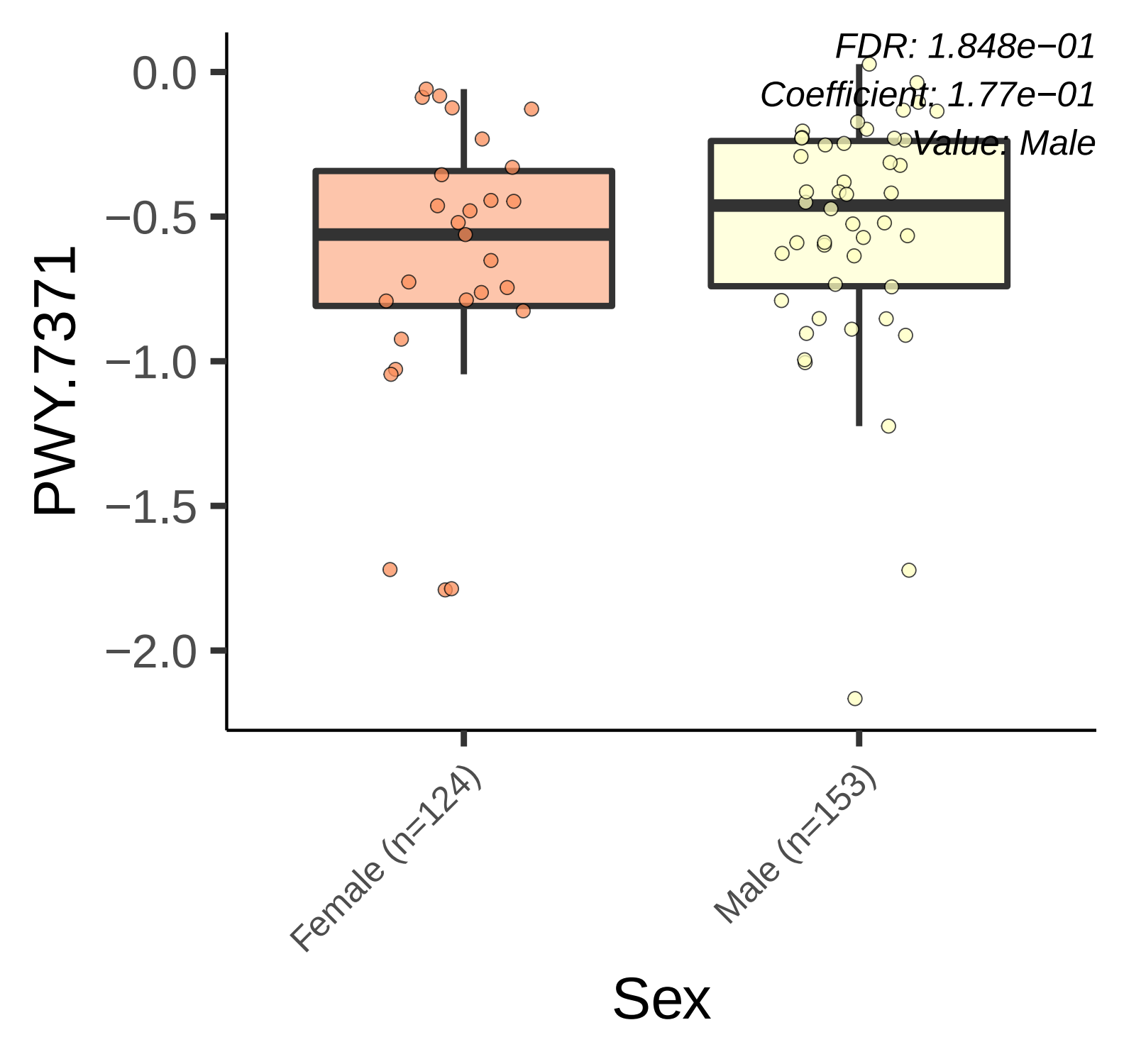

FDR: 1.675e−01
Coefficient: −2.19e−02
Value: Male
PWY.6317
0.8
0.6
0.4
Female (n=124)
Male (n=153)
Sex

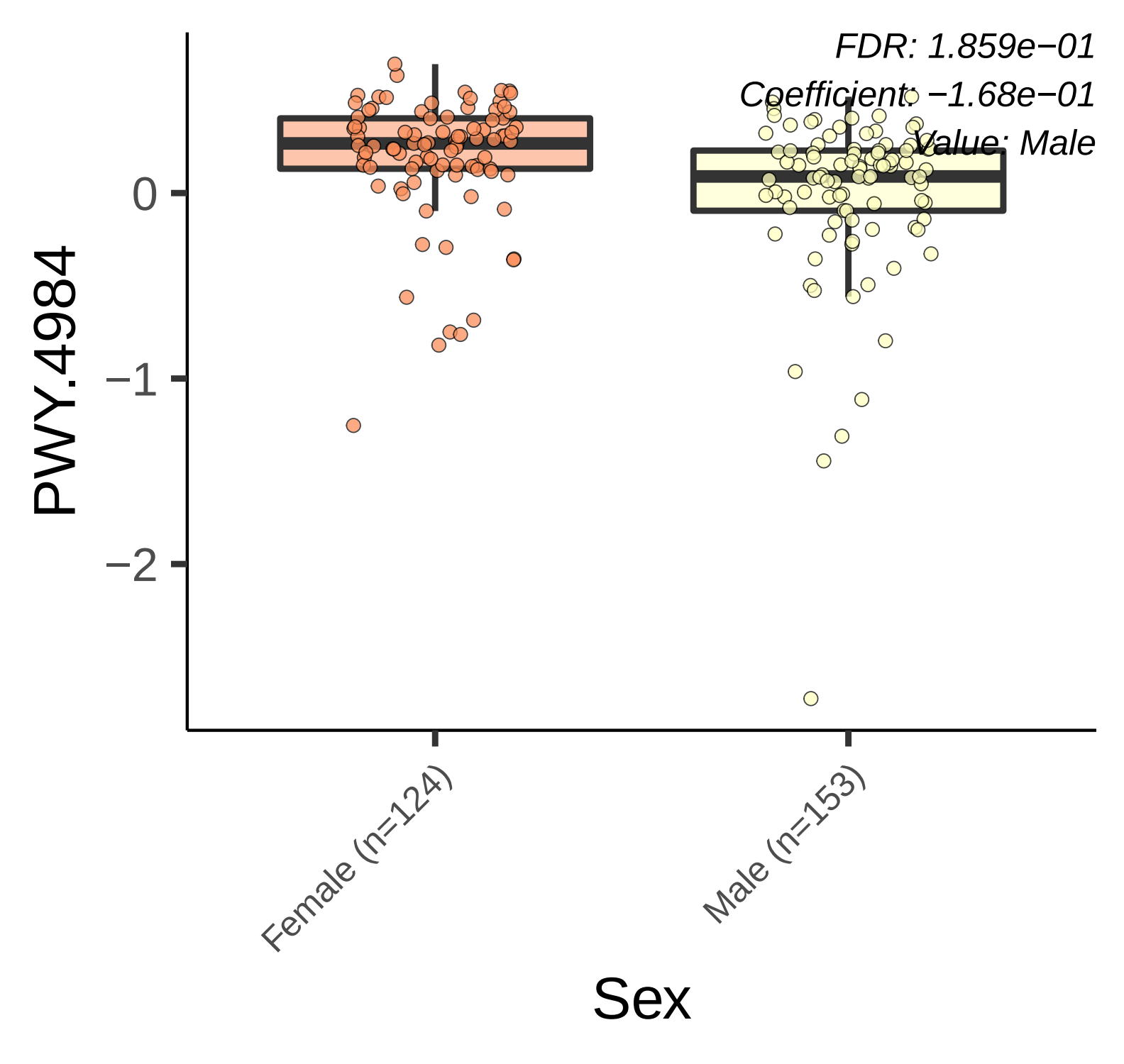

FDR: 1.715e−01
Coefficient: −2.22e−02
Value: Male
COA.PWY
0.8
0.6
0.4
Female (n=124)
Male (n=153)
Sex

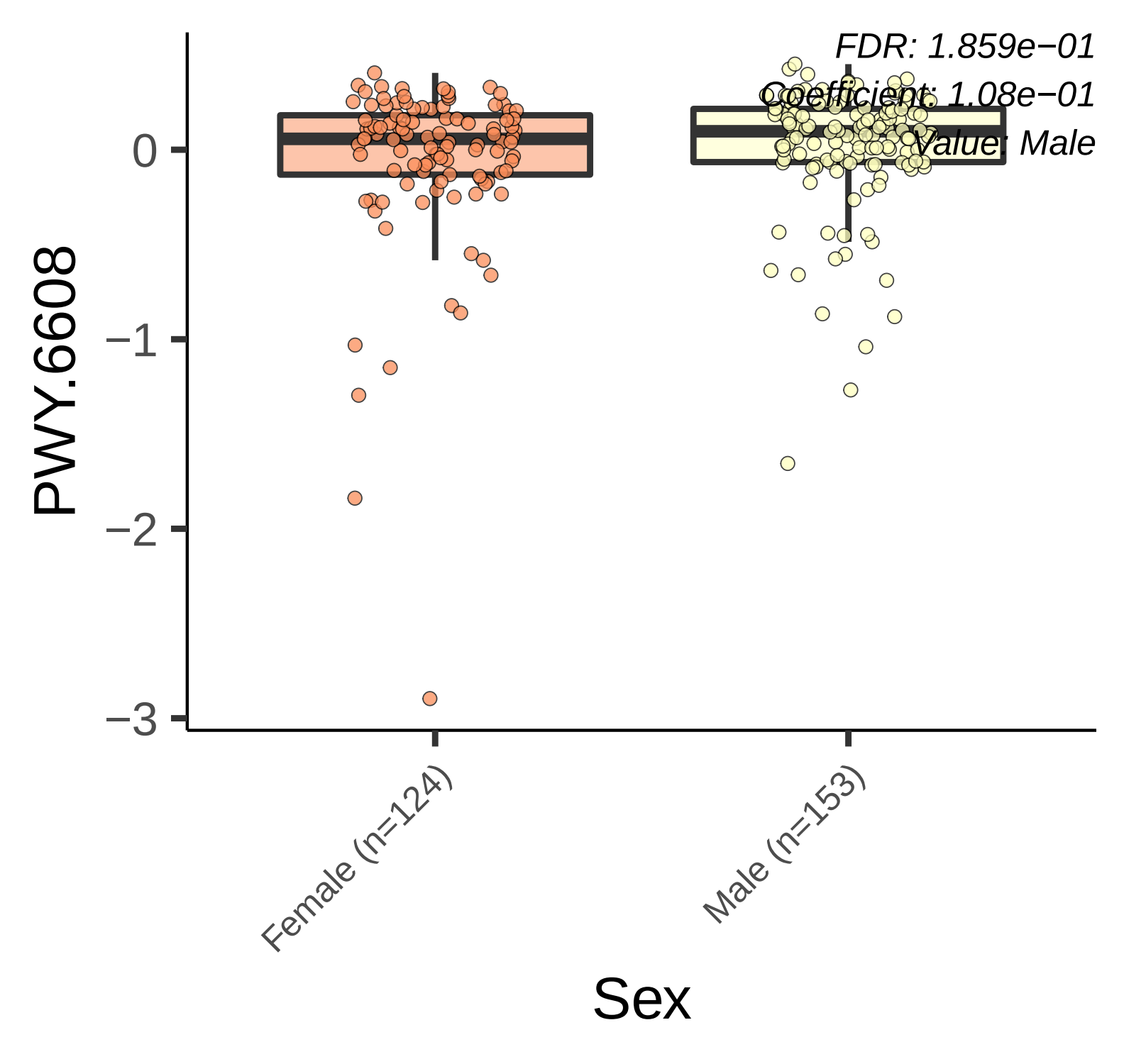

FDR: 1.747e−01
Coefficient: 8.94e−02
Value: Male
0.5
0.0
−0.5
−1.0
−1.5
−2.0
RUMP.PWY
Female (n=124)
Male (n=153)
Sex

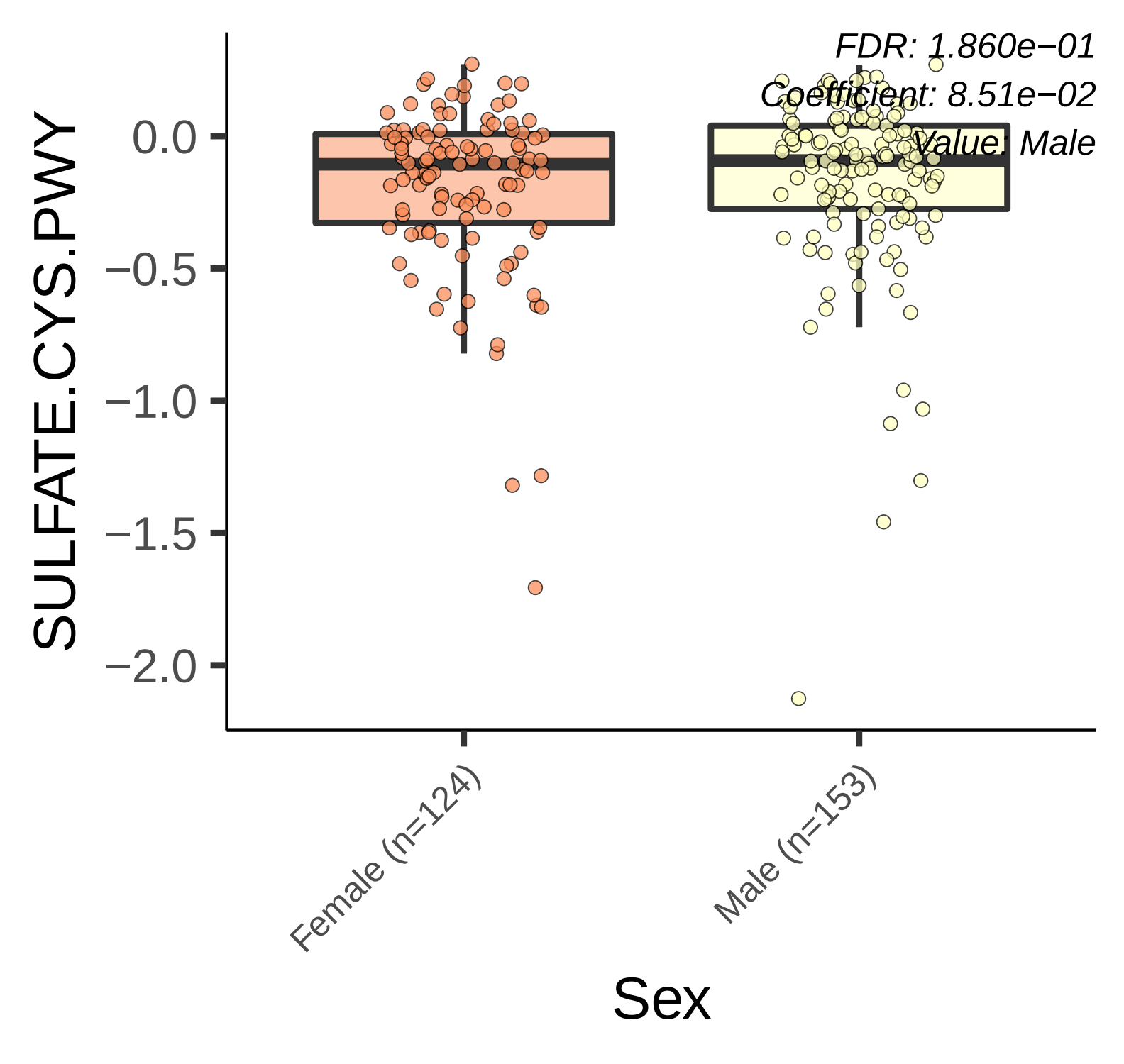

FDR: 1.798e−01
Coefficient: −3.65e−02
Value: Male
PWY.6125
0.8
0.6
0.4
0.2
0.0
Female (n=124)
Male (n=153)
Sex

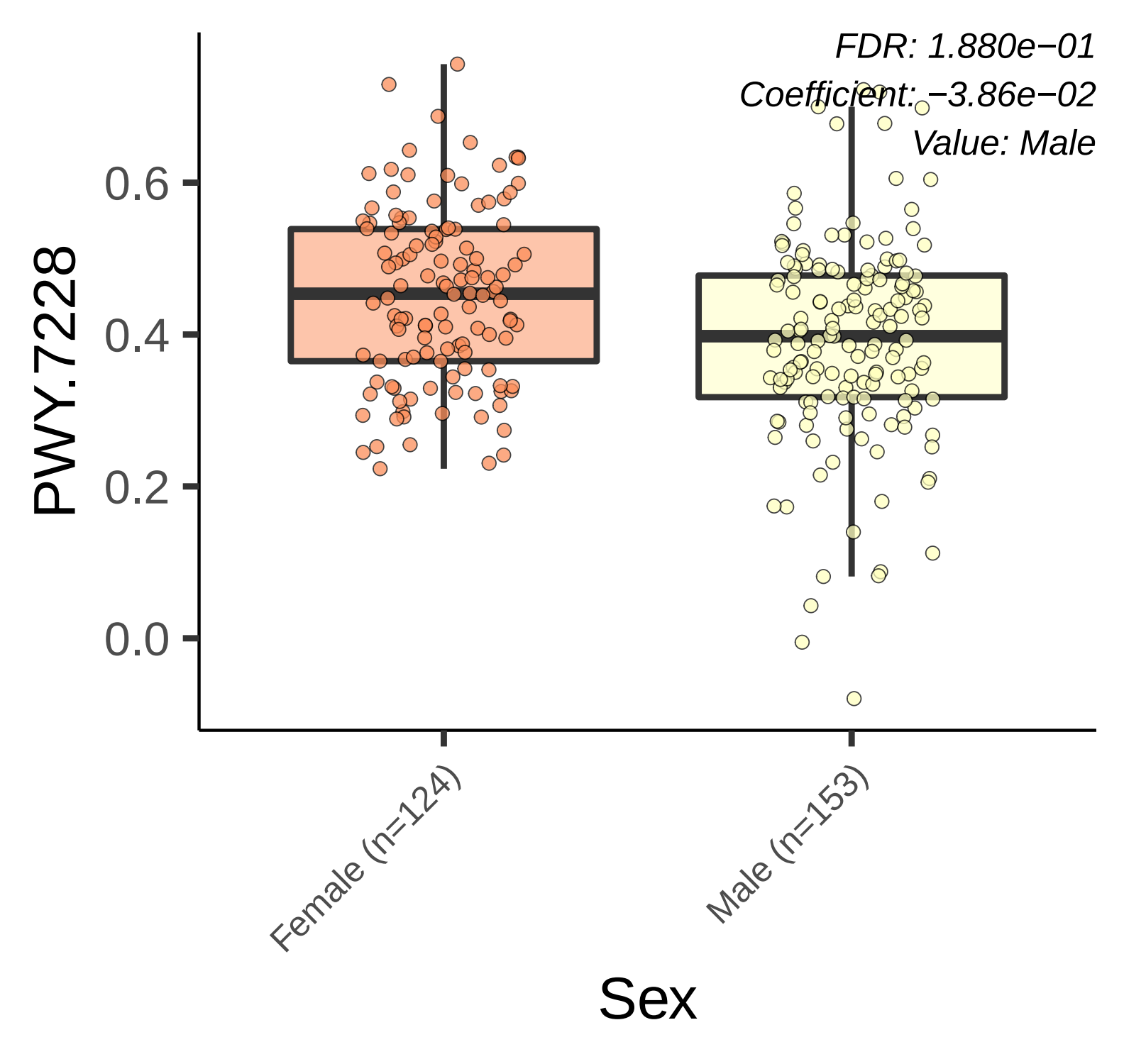

FDR: 1.798e−01
Coefficient: −1.99e−02
Value: Male
PWY.7208
0.8
0.7
0.6
0.5
0.4
0.3
Female (n=124)
Male (n=153)
Sex


FDR: 1.848e−01
Coefficient: 1.77e−01
Value: Male
PWY.7371
0.0
−0.5
−1.0
−1.5
−2.0
Female (n=124)
Male (n=153)
Sex


FDR: 1.859e−01
Coefficient: −1.68e−01
Value: Male
PWY.4984
0
−1
−2
Female (n=124)
Male (n=153)
Sex


FDR: 1.859e−01
Coefficient: 1.08e−01
P-Value: Male
PWY.6608
0
−1
−2
−3
Female (n=124)
Male (n=153)
Sex


FDR: 1.860e−01
Coefficient: 8.51e−02
Value: Male
SULFATE.CYS.PWY
0.0
−0.5
−1.0
−1.5
−2.0
Female (n=124)
Male (n=153)
Sex


FDR: 1.880e−01
Coefficient: −3.86e−02
Value: Male
PWY.7228
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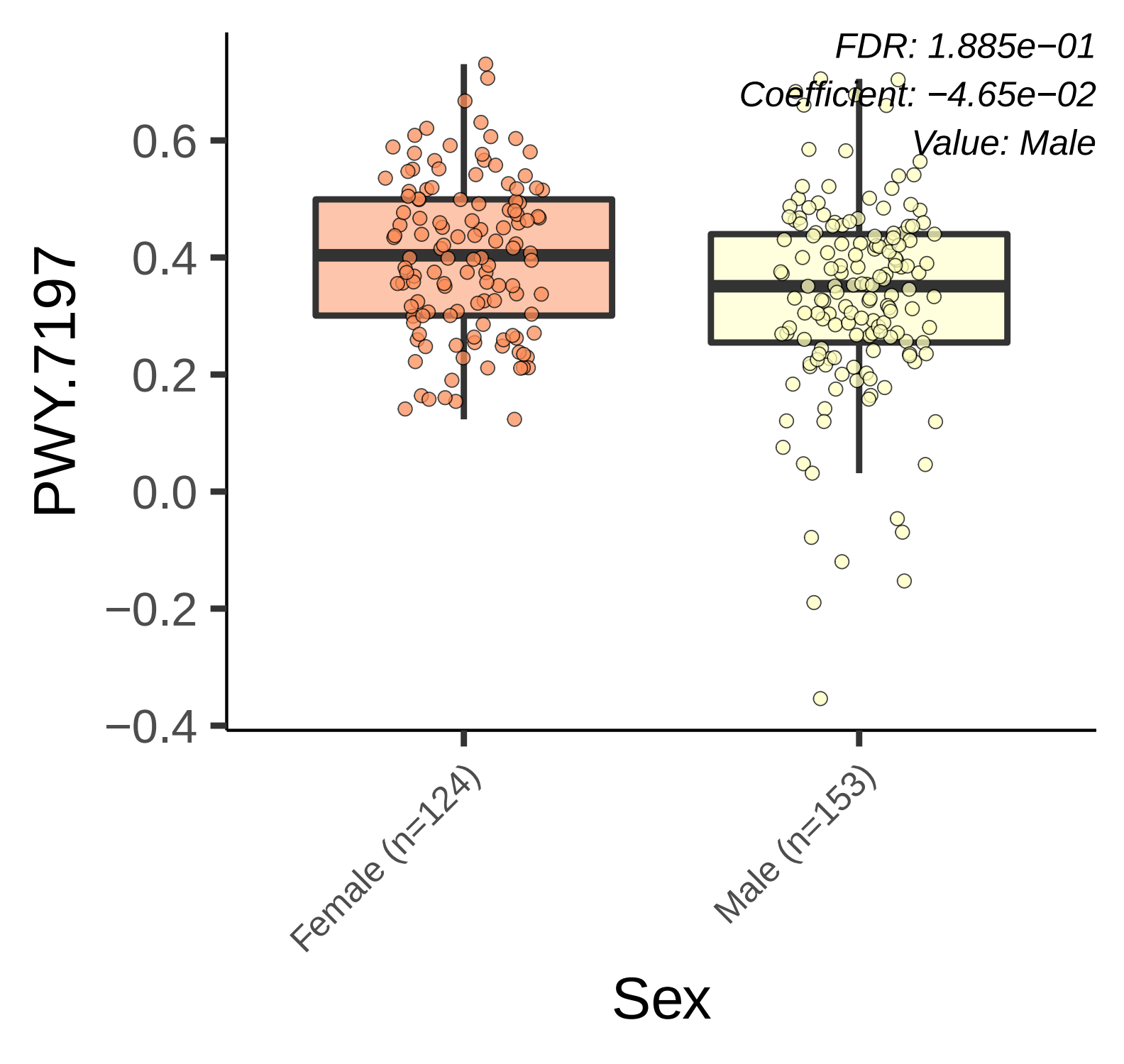
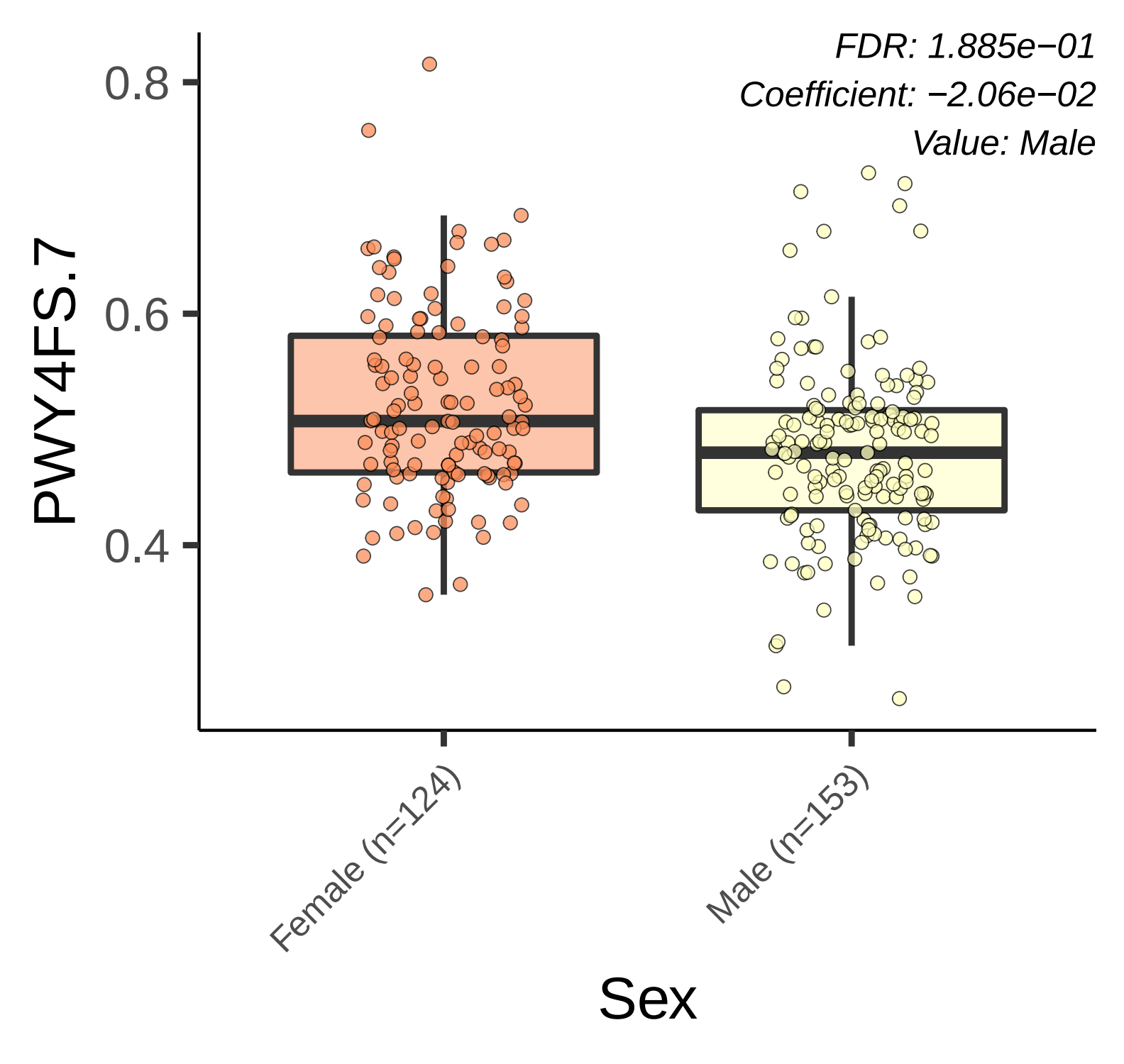
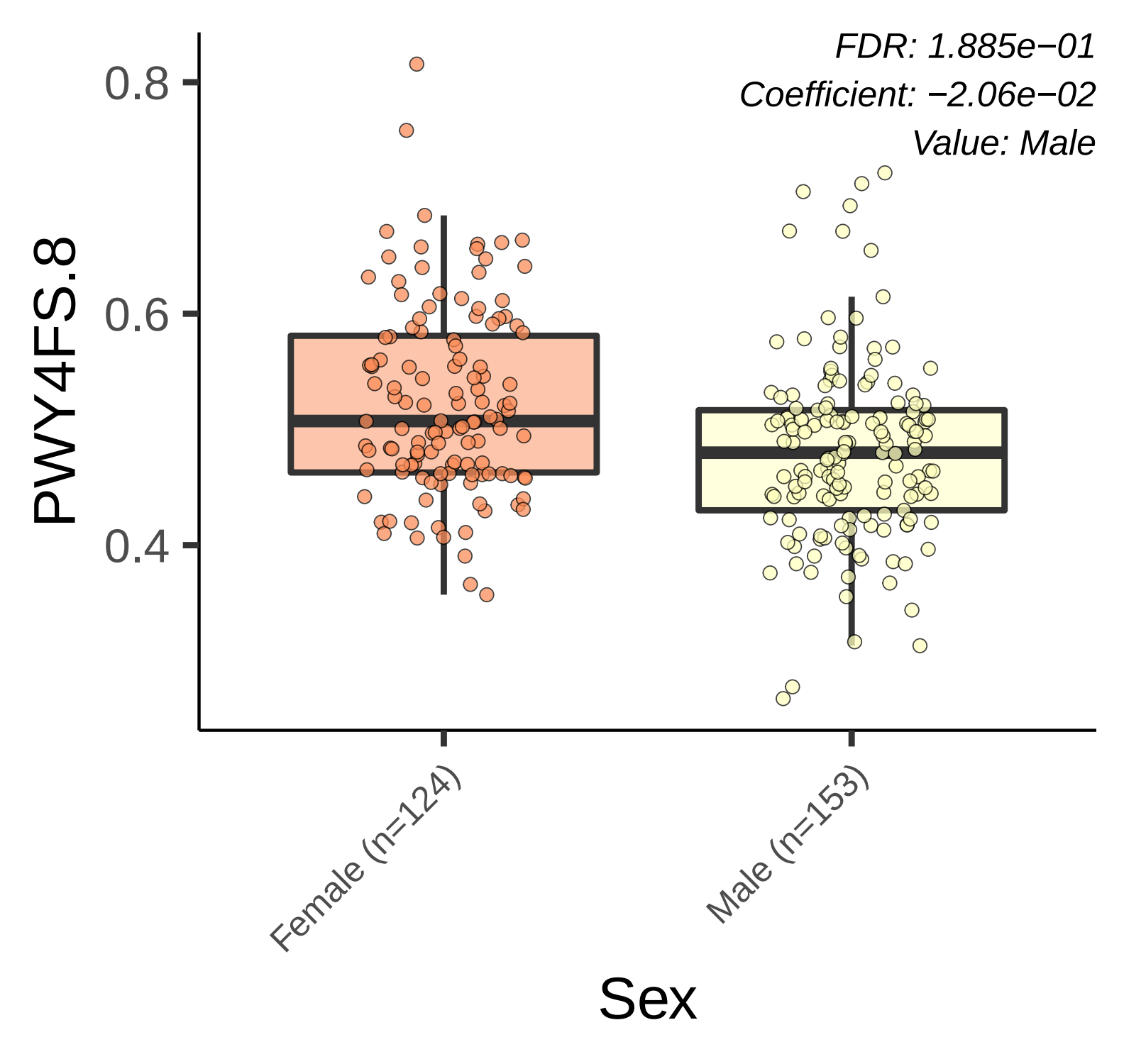
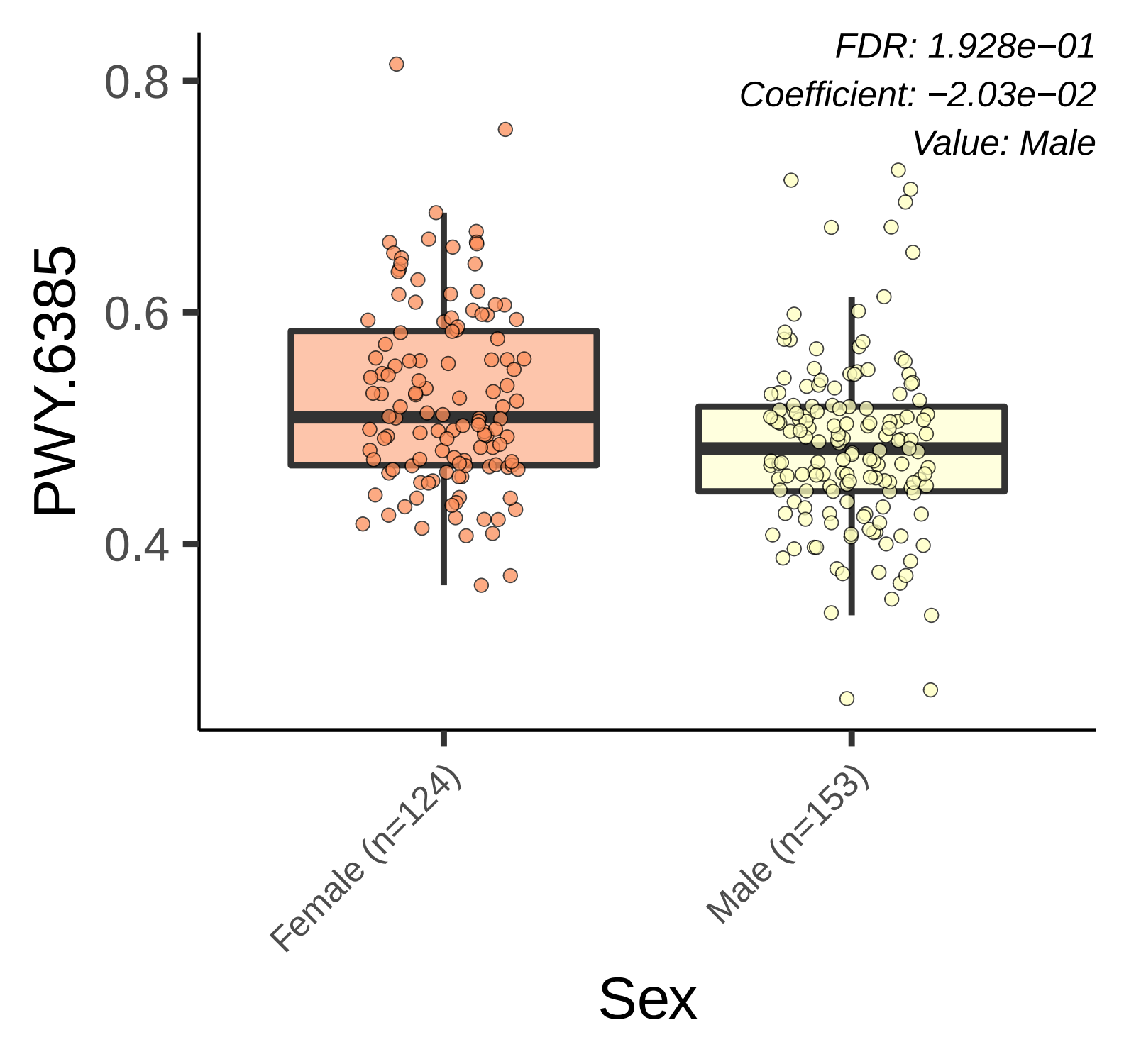
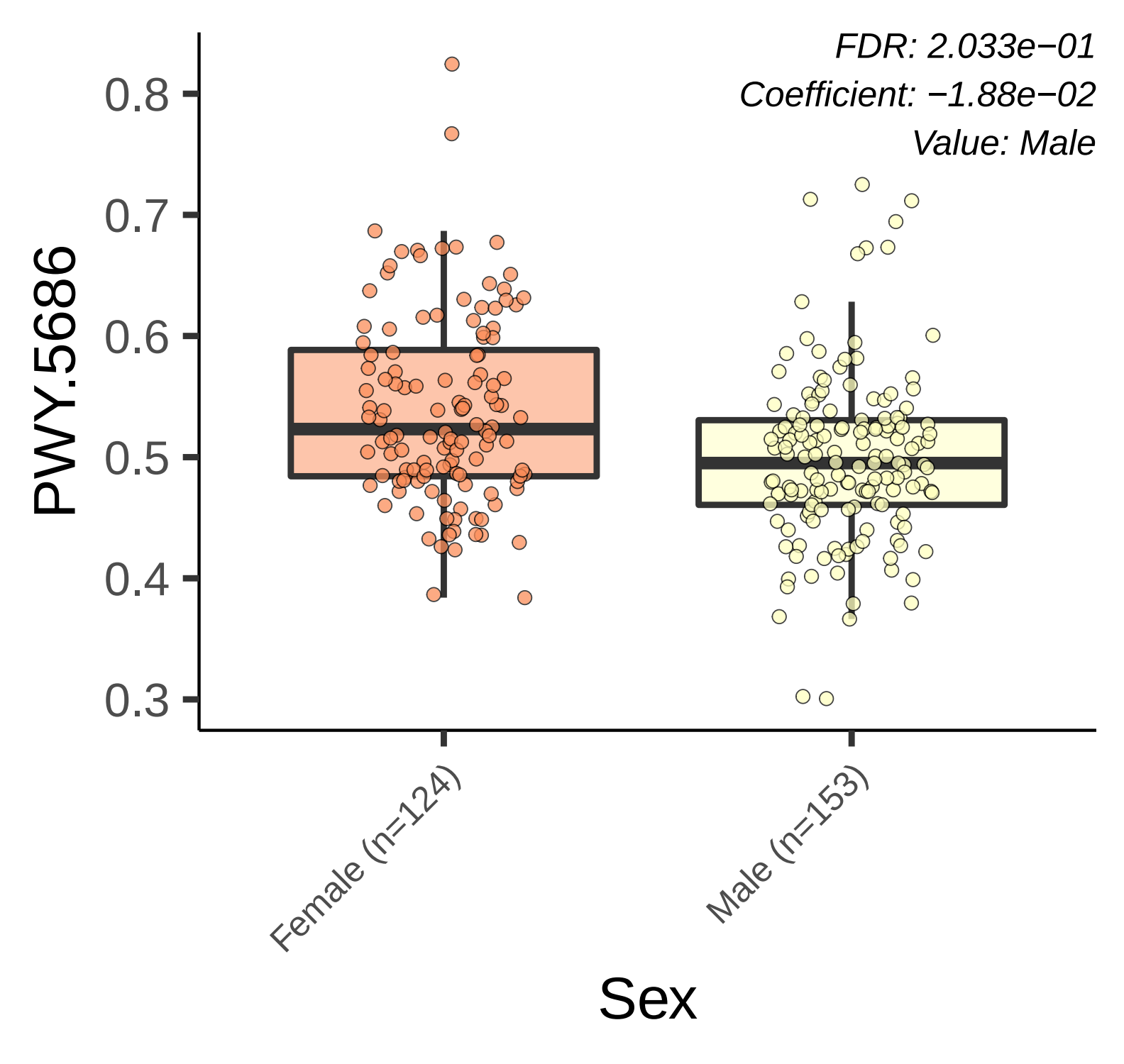
0.4
0.2
0.0
Female (n=124)
Male (n=153)
Sex

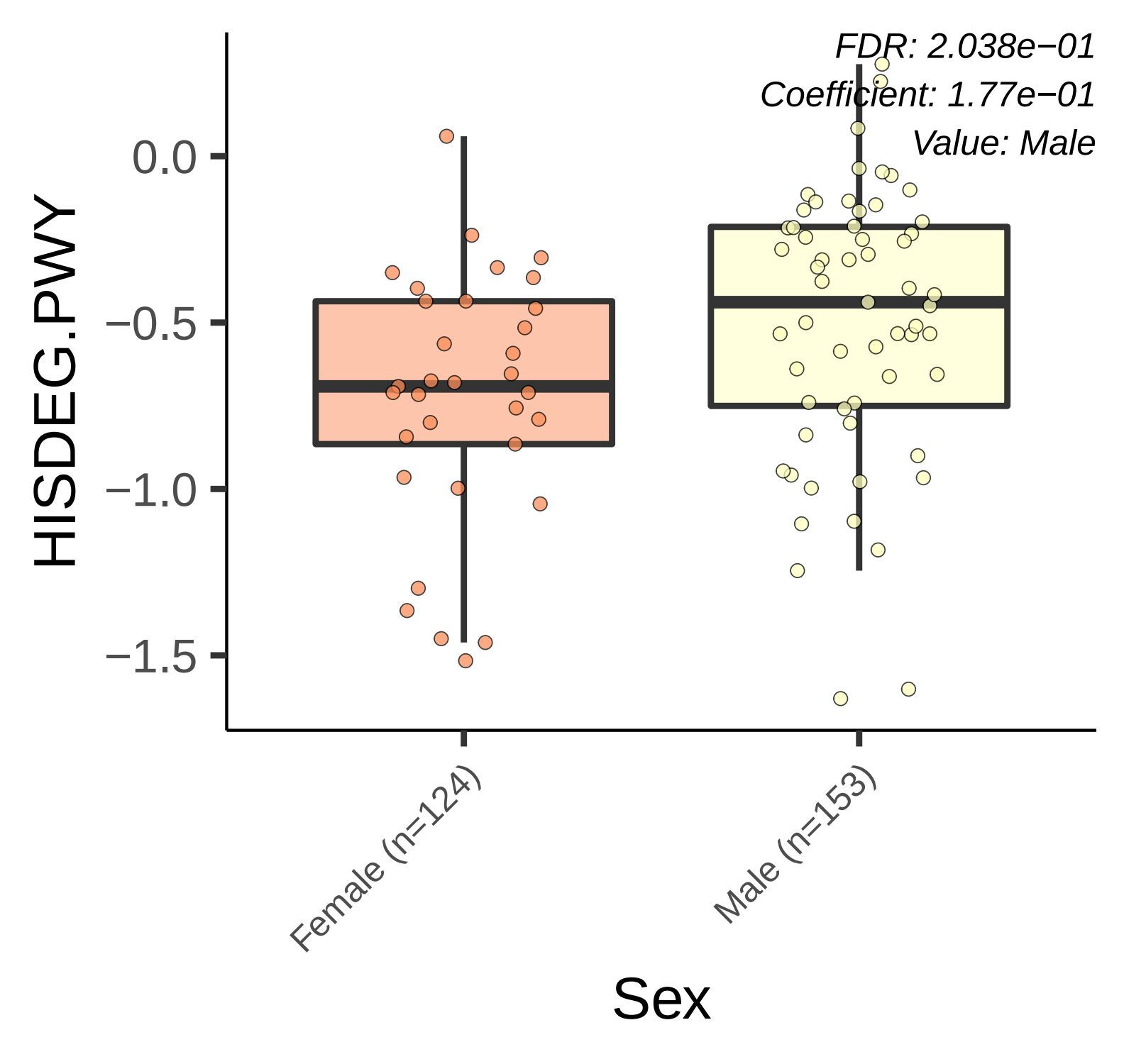

FDR: 1.885e−01
Coefficient: −4.65e−02
Value: Male
PWY.7197
0.6
0.4
0.2
0.0
−0.2
−0.4
Female (n=124)
Male (n=153)
Sex

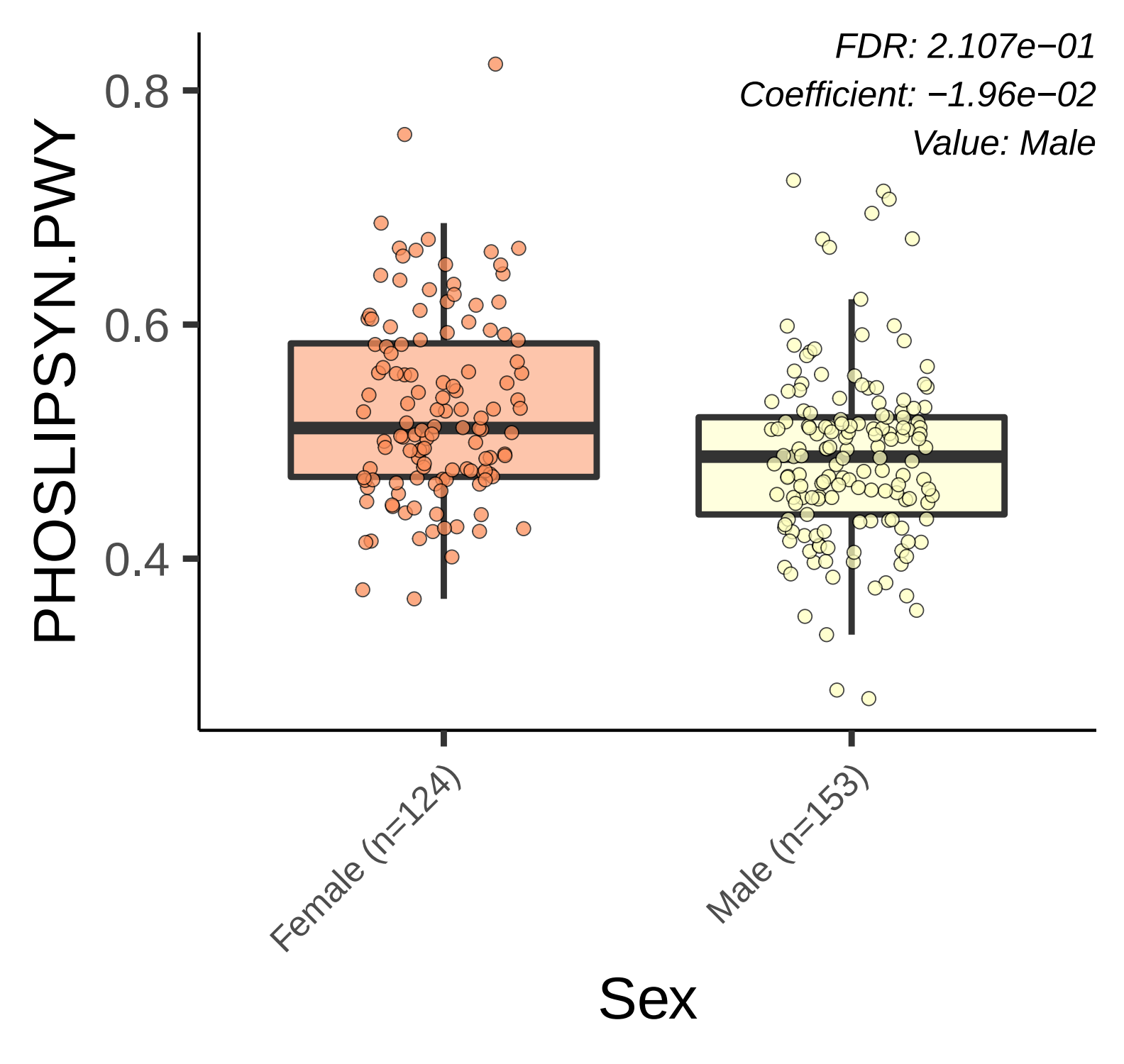

FDR: 1.885e−01
Coefficient: −2.06e−02
Value: Male
PWY4FS.7
0.8
0.6
0.4
Female (n=124)
Male (n=153)
Sex

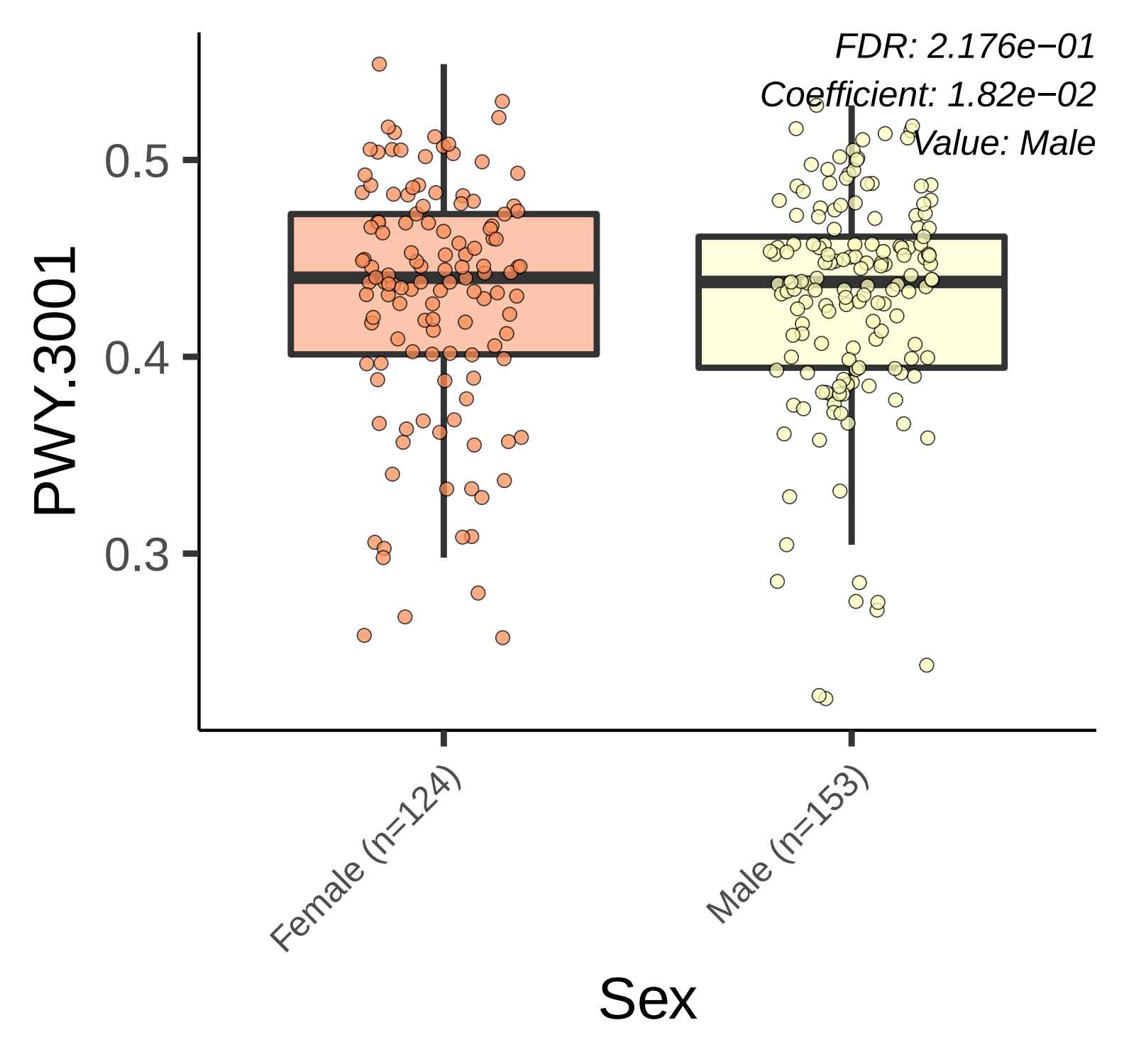

FDR: 1.885e−01
Coefficient: −2.06e−02
Value: Male
PWY4FS.8
0.8
0.6
0.4
Female (n=124)
Male (n=153)
Sex

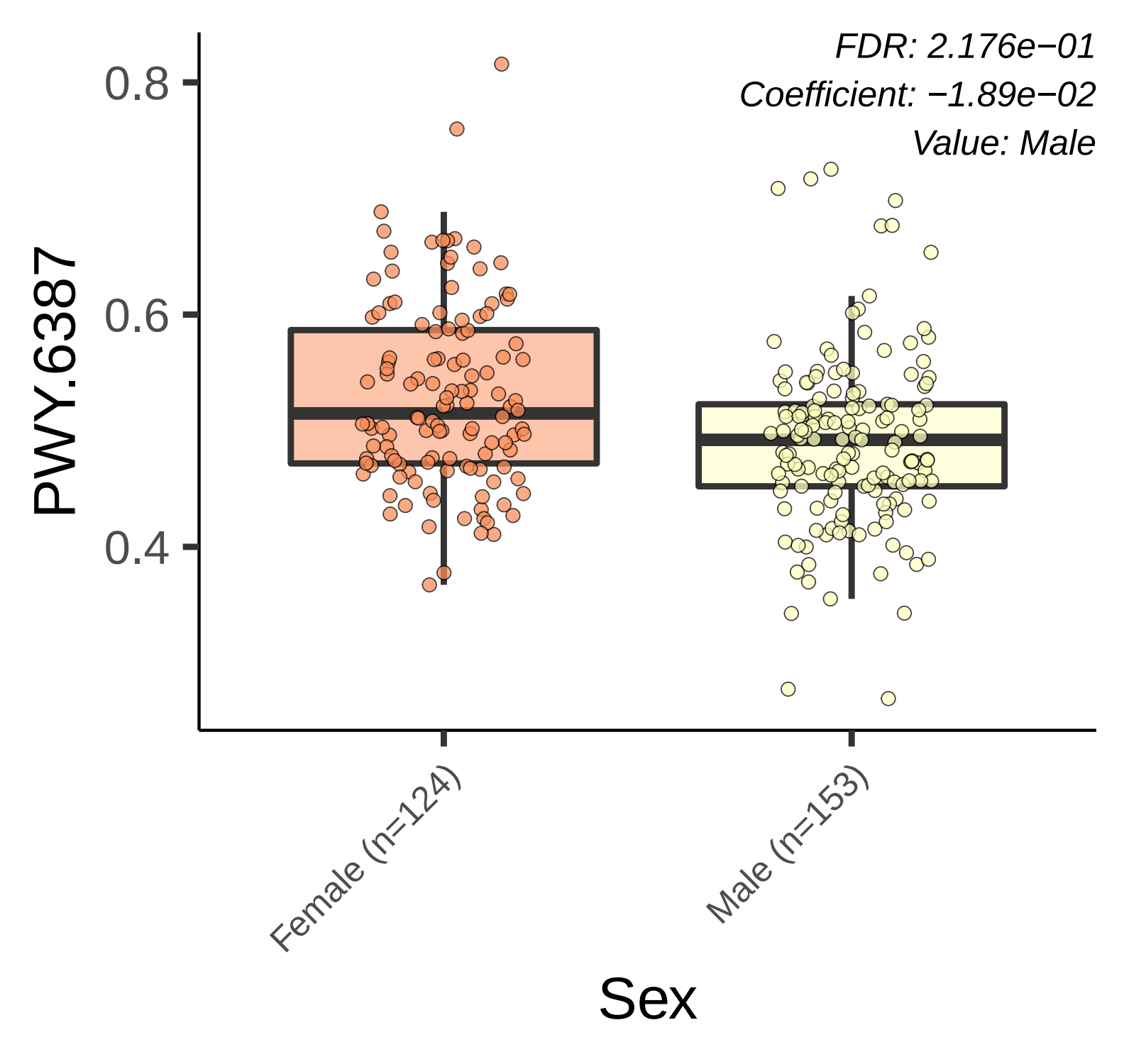

FDR: 1.928e−01
Coefficient: −2.03e−02
Value: Male
PWY.6385
0.8
0.6
0.4
Female (n=124)
Male (n=153)
Sex

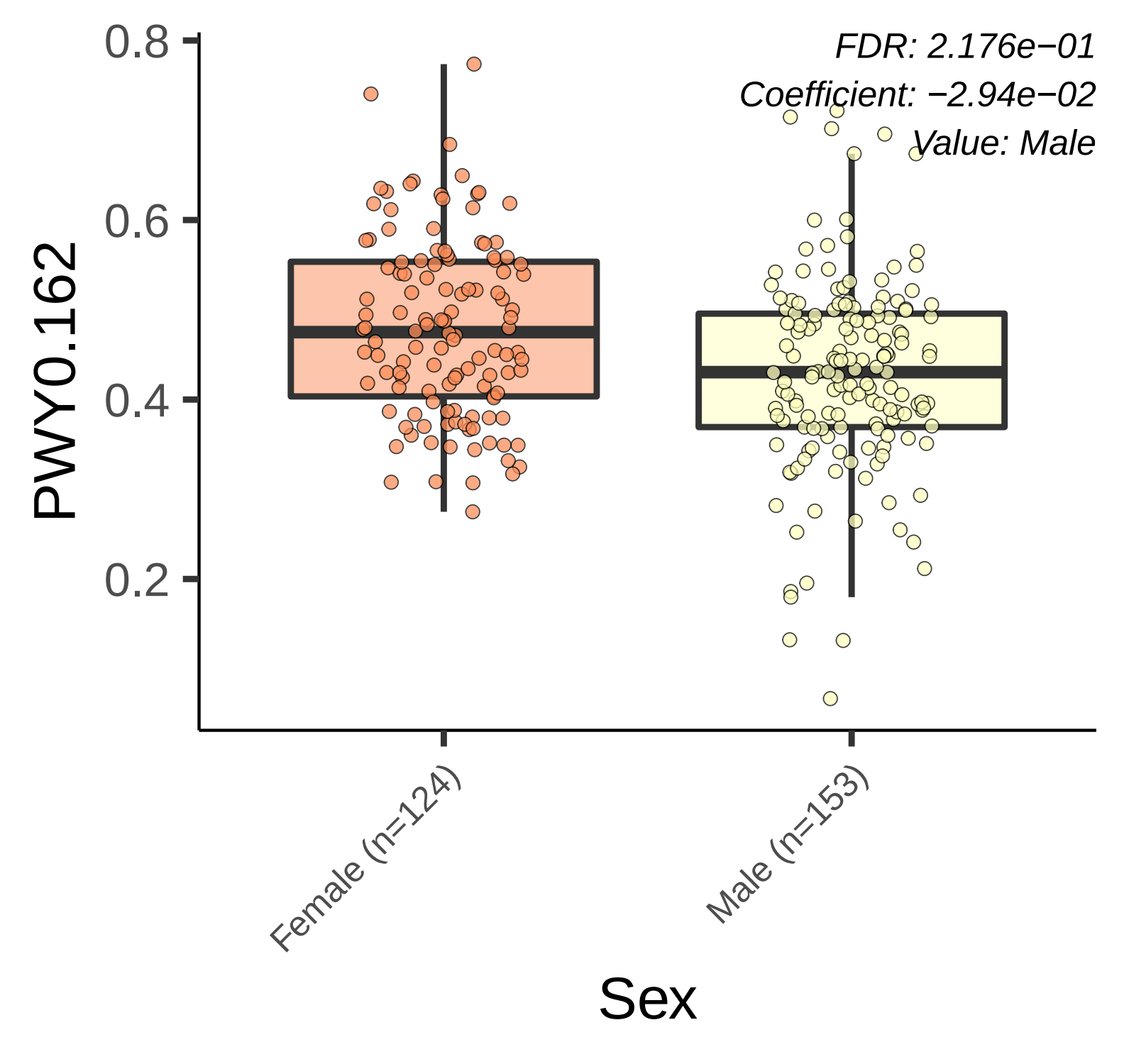

FDR: 2.033e−01
Coefficient: −1.88e−02
Value: Male
PWY.5686
0.8
0.7
0.6
0.5
0.4
0.3
Female (n=124)
Male (n=153)
Sex

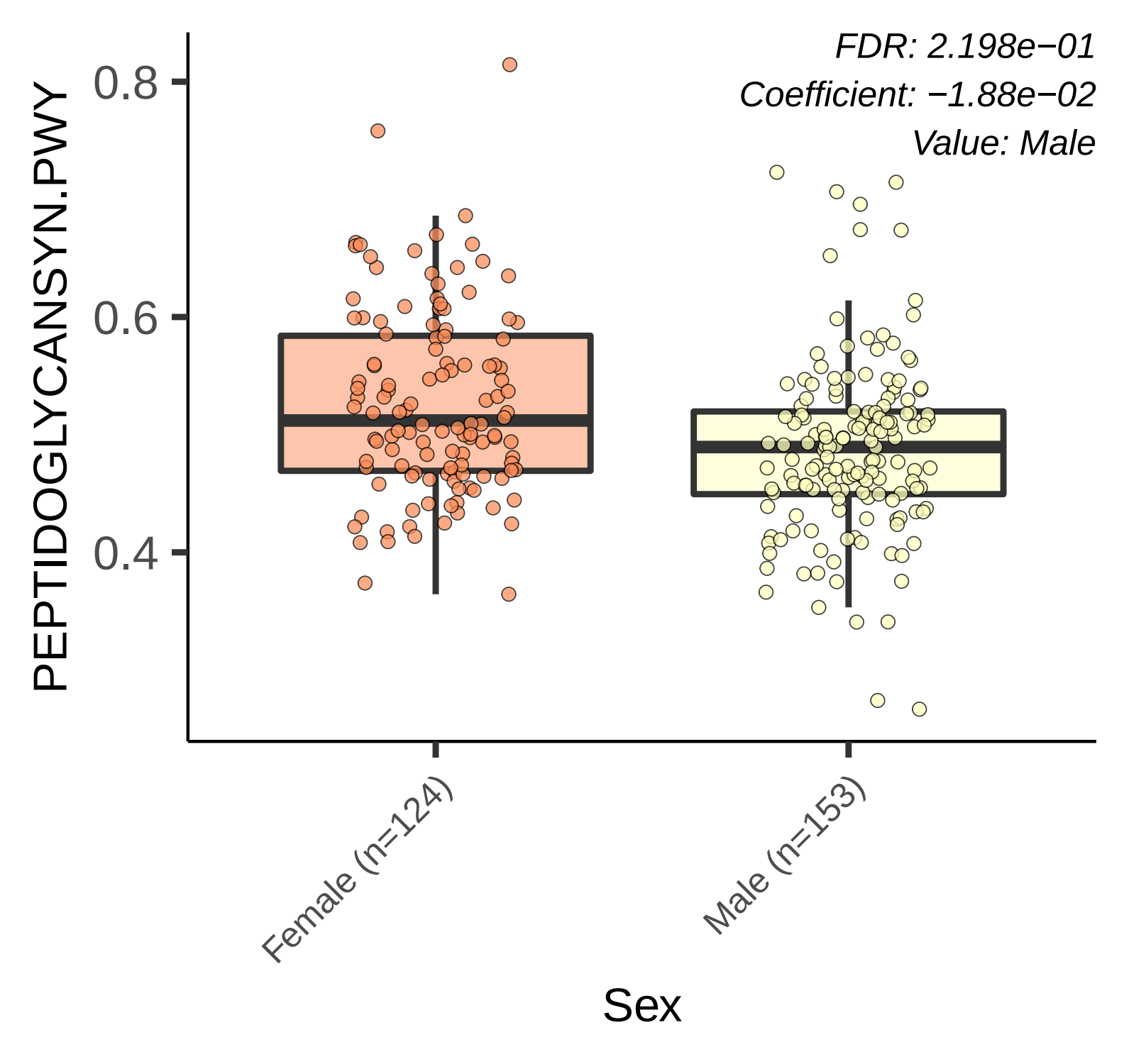

FDR: 2.038e−01
Coefficient: 1.77e−01
Value: Male
HISDEG.PWY
0.0
−0.5
−1.0
−1.5
Female (n=124)
Male (n=153)
Sex

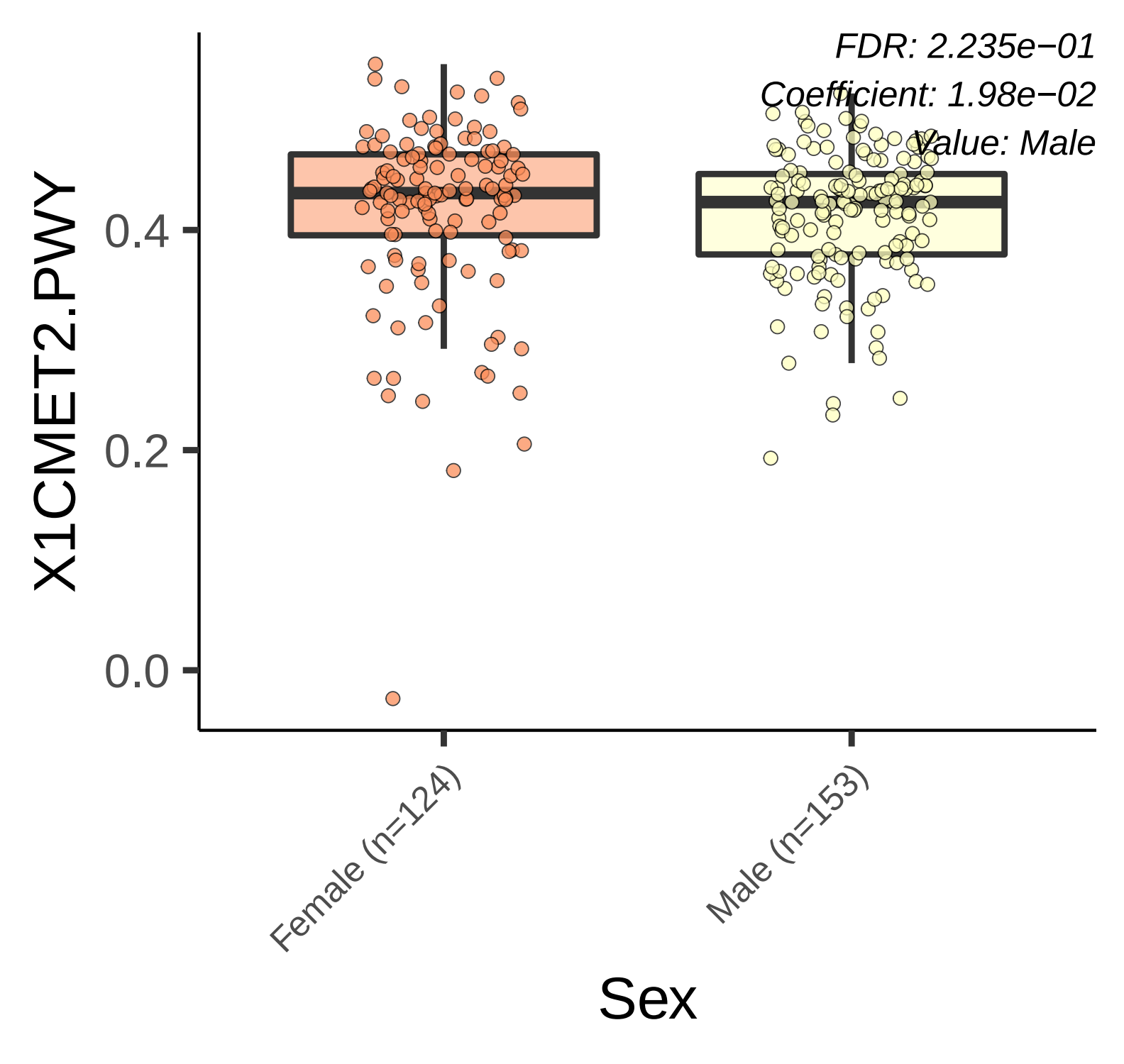

FDR: 2.107e−01
Coefficient: −1.96e−02
Value: Male
PHOSLIPSYN.PWY
0.8
0.6
0.4
Female (n=124)
Male (n=153)
Sex

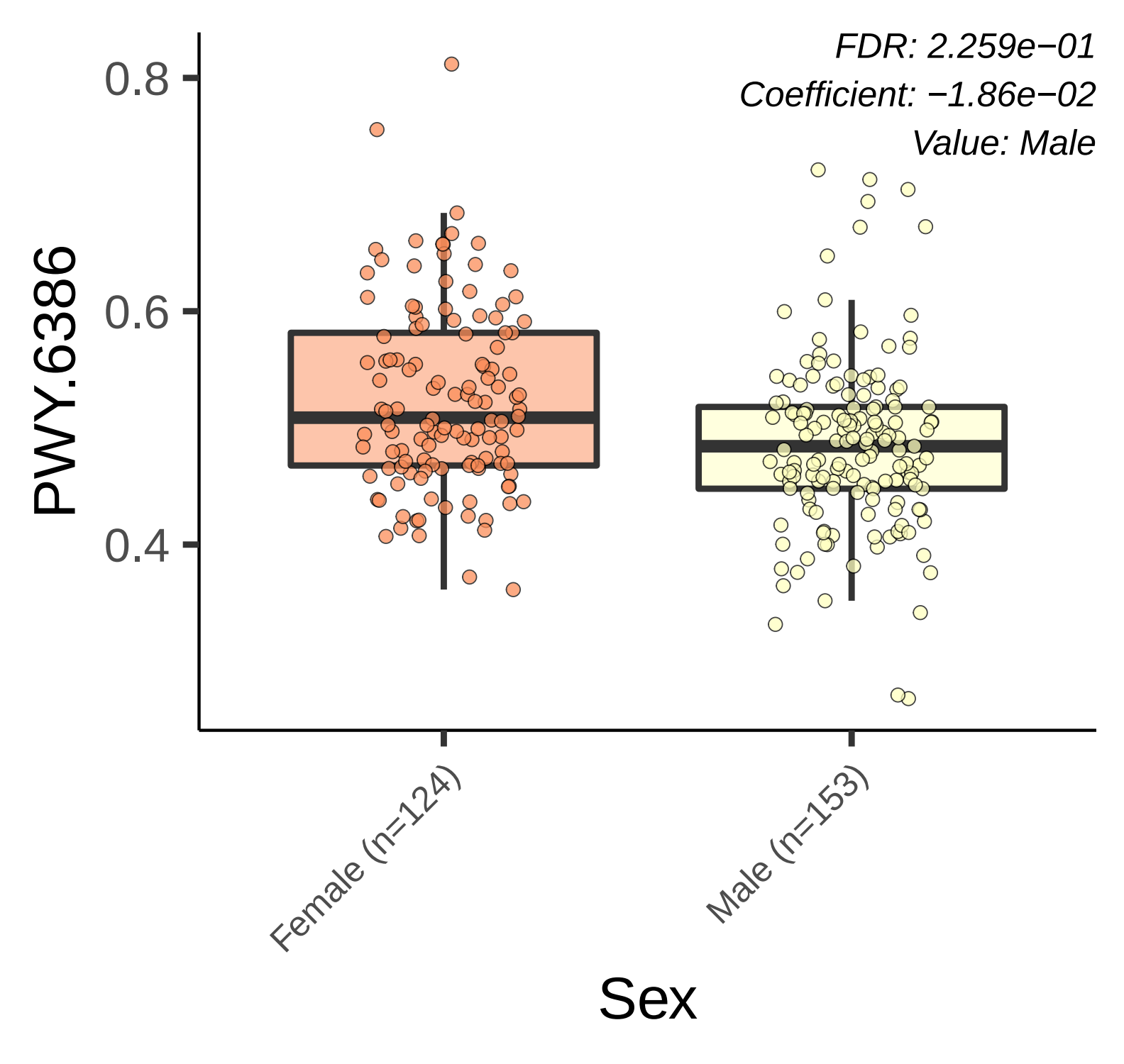

FDR: 2.176e−01
Coefficient: 1.82e−02
Value: Male
PWY.3001
0.5
0.4
0.3
Female (n=124)
Male (n=153)
Sex

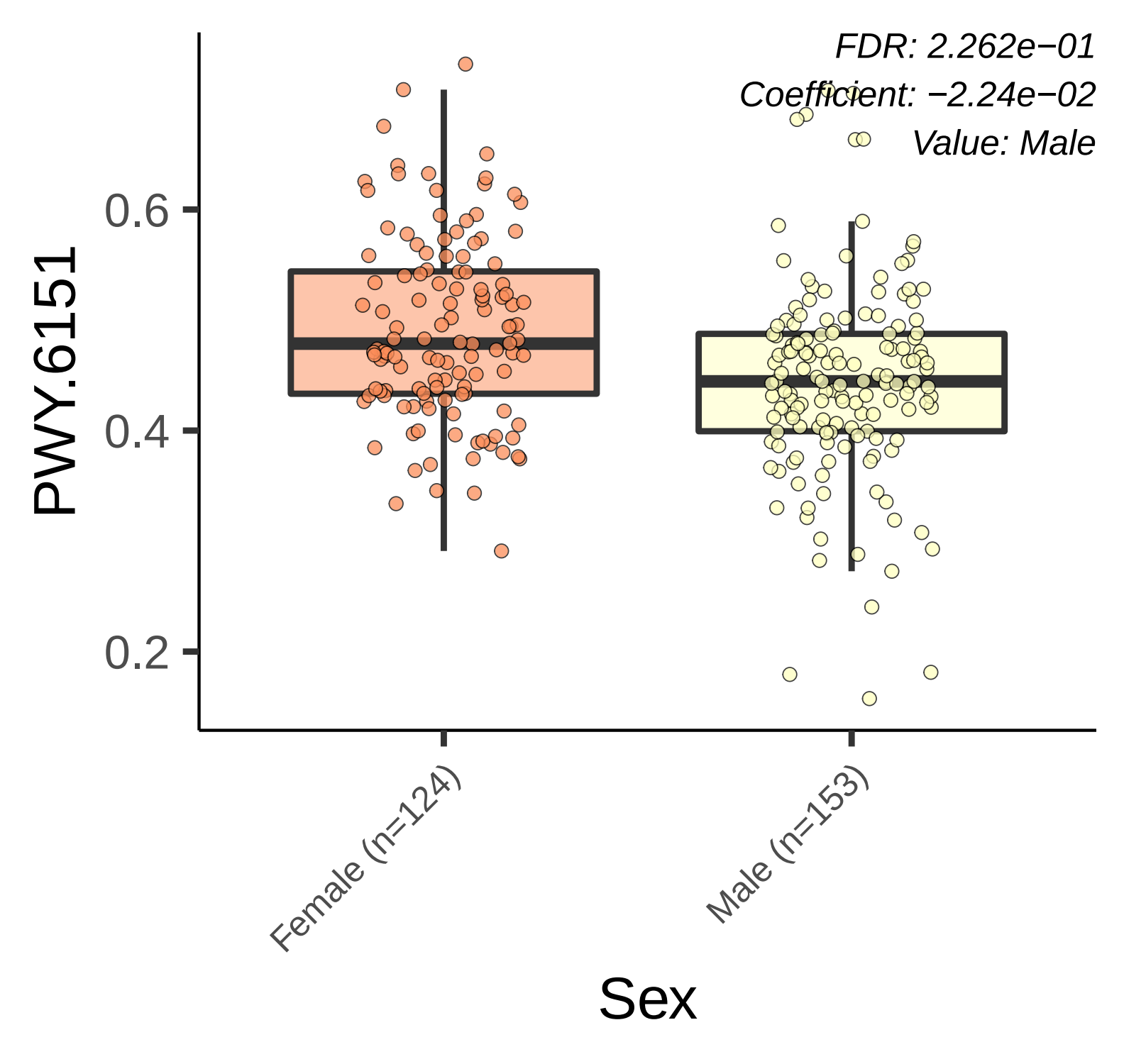

FDR: 2.176e−01
Coefficient: −1.89e−02
Value: Male
PWY.6387
0.8
0.6
0.4
Female (n=124)
Male (n=153)
Sex

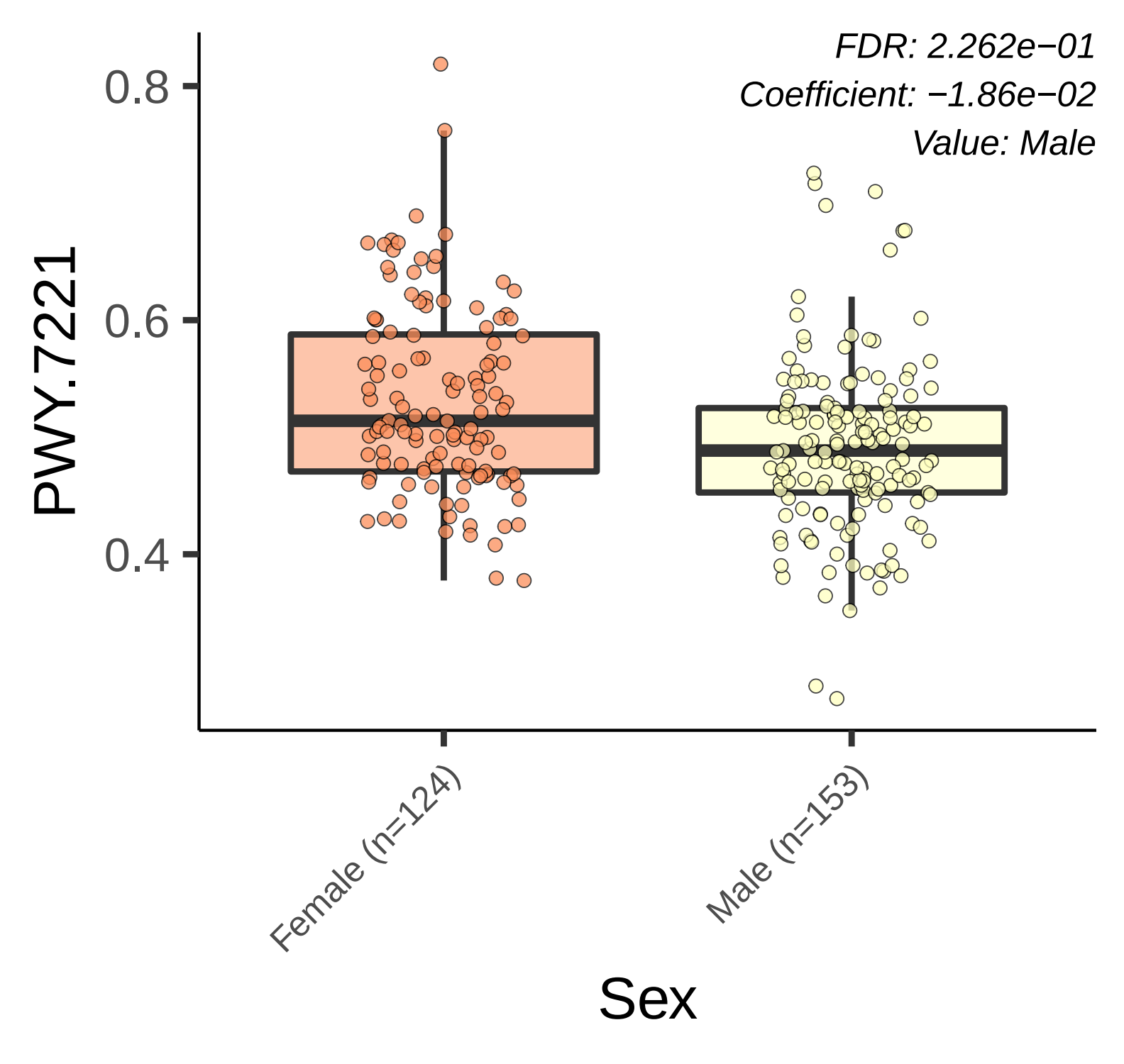

FDR: 2.176e−01
Coefficient: −2.94e−02
Value: Male
PWY0.162
0.8
0.6
0.4
0.2
Female (n=124)
Male (n=153)
Sex

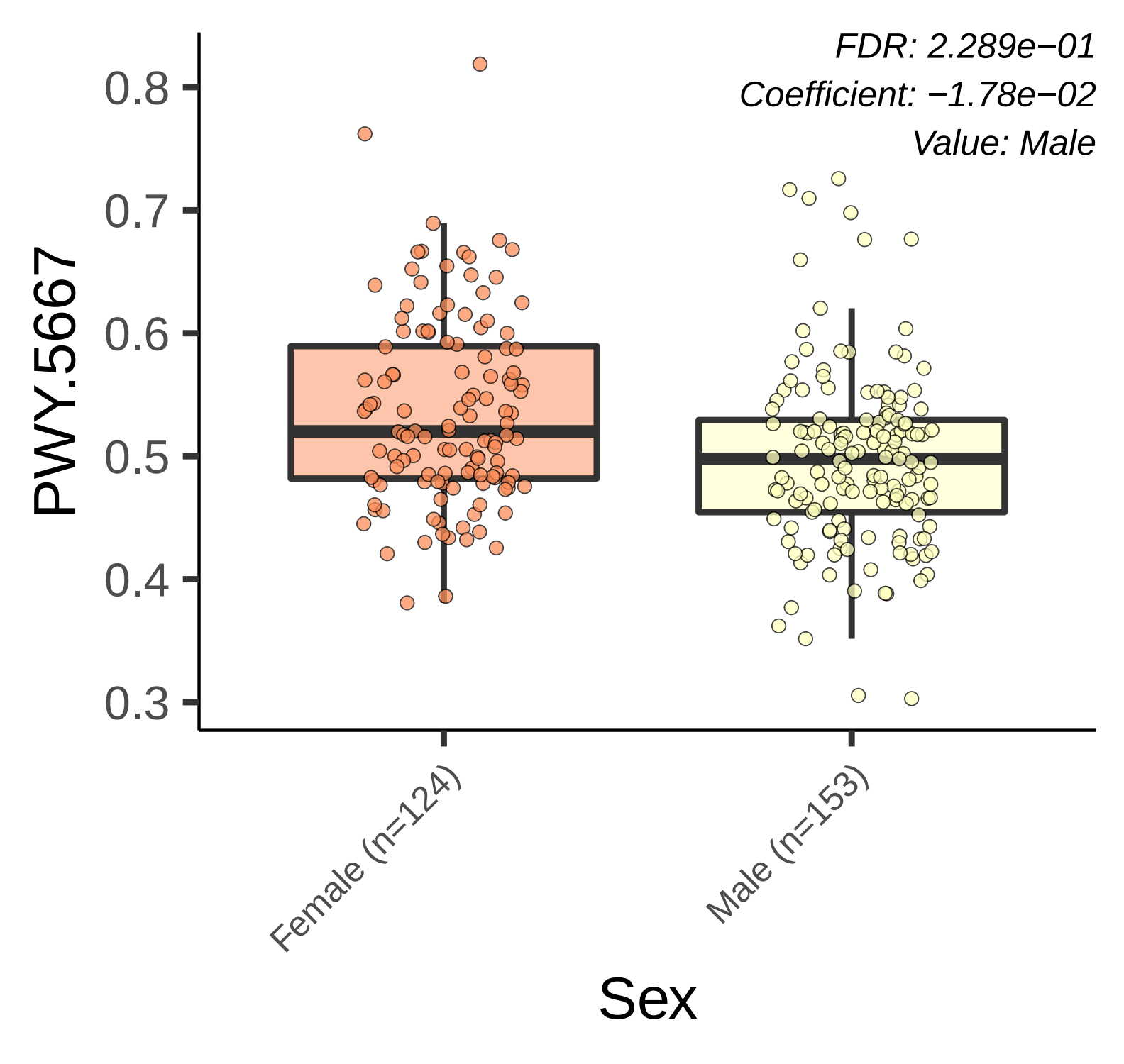

FDR: 2.198e−01
Coefficient: −1.88e−02
Value: Male
PEPTIDOGLYCANSYN.PWY
0.8
0.6
0.4
Female (n=124)
Male (n=153)
Sex

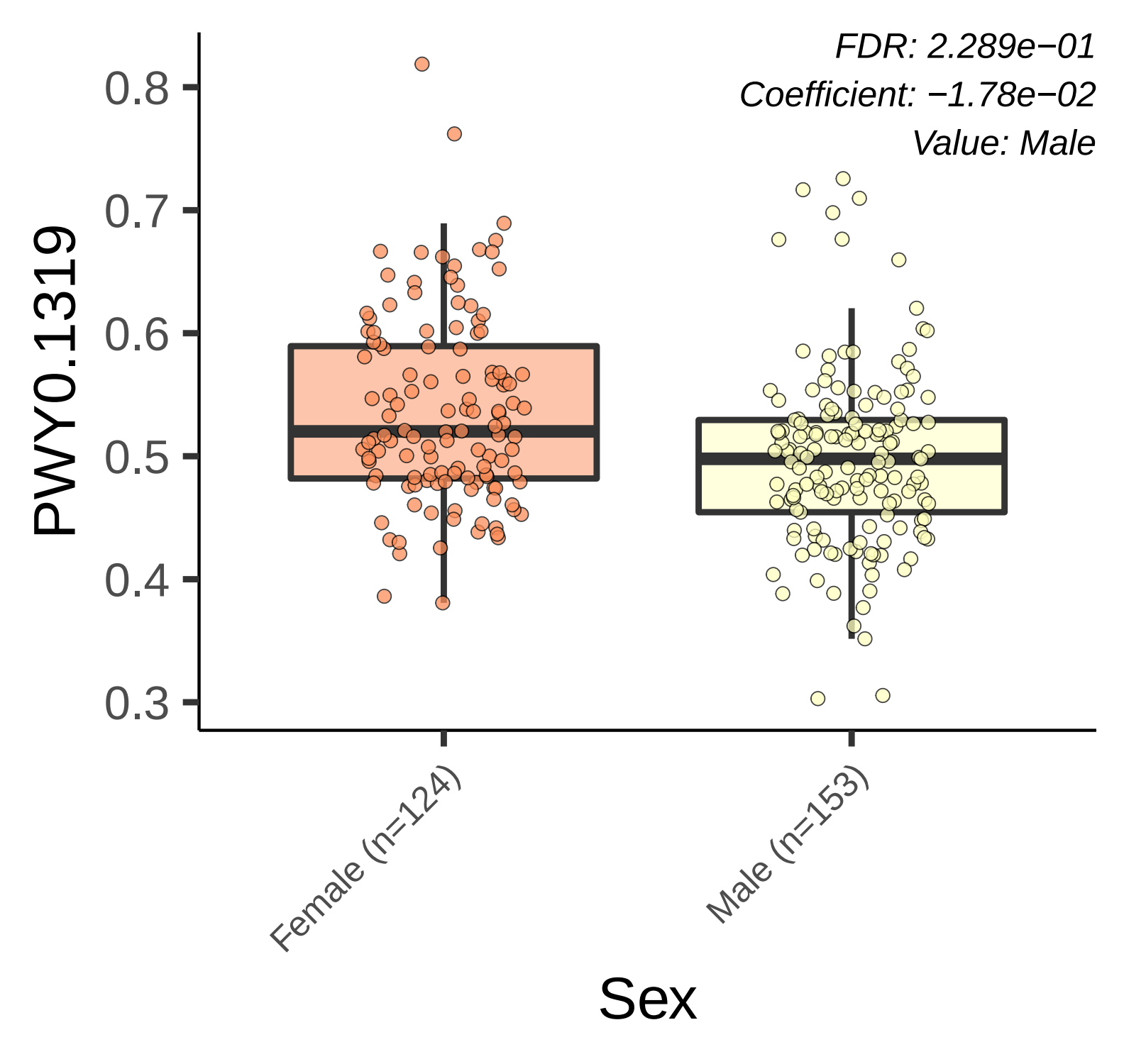

FDR: 2.235e−01
Coefficient: 1.98e−02
Value: Male
X1CMET2.PWY
0.4
0.2
0.0
Female (n=124)
Male (n=153)
Sex

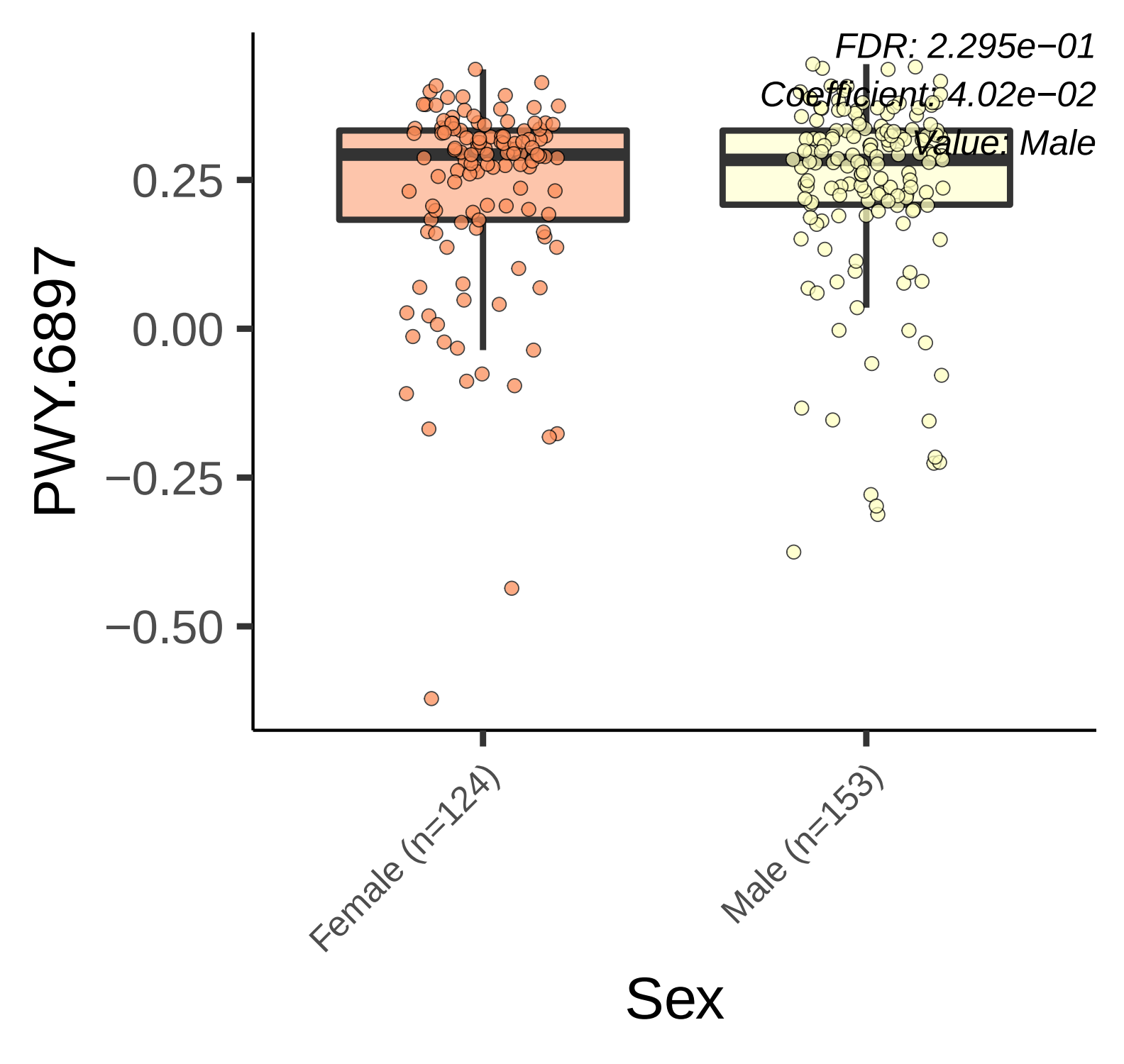

FDR: 2.259e−01
Coefficient: −1.86e−02
Value: Male
PWY.6386
0.8
0.6
0.4
Female (n=124)
Male (n=153)
Sex

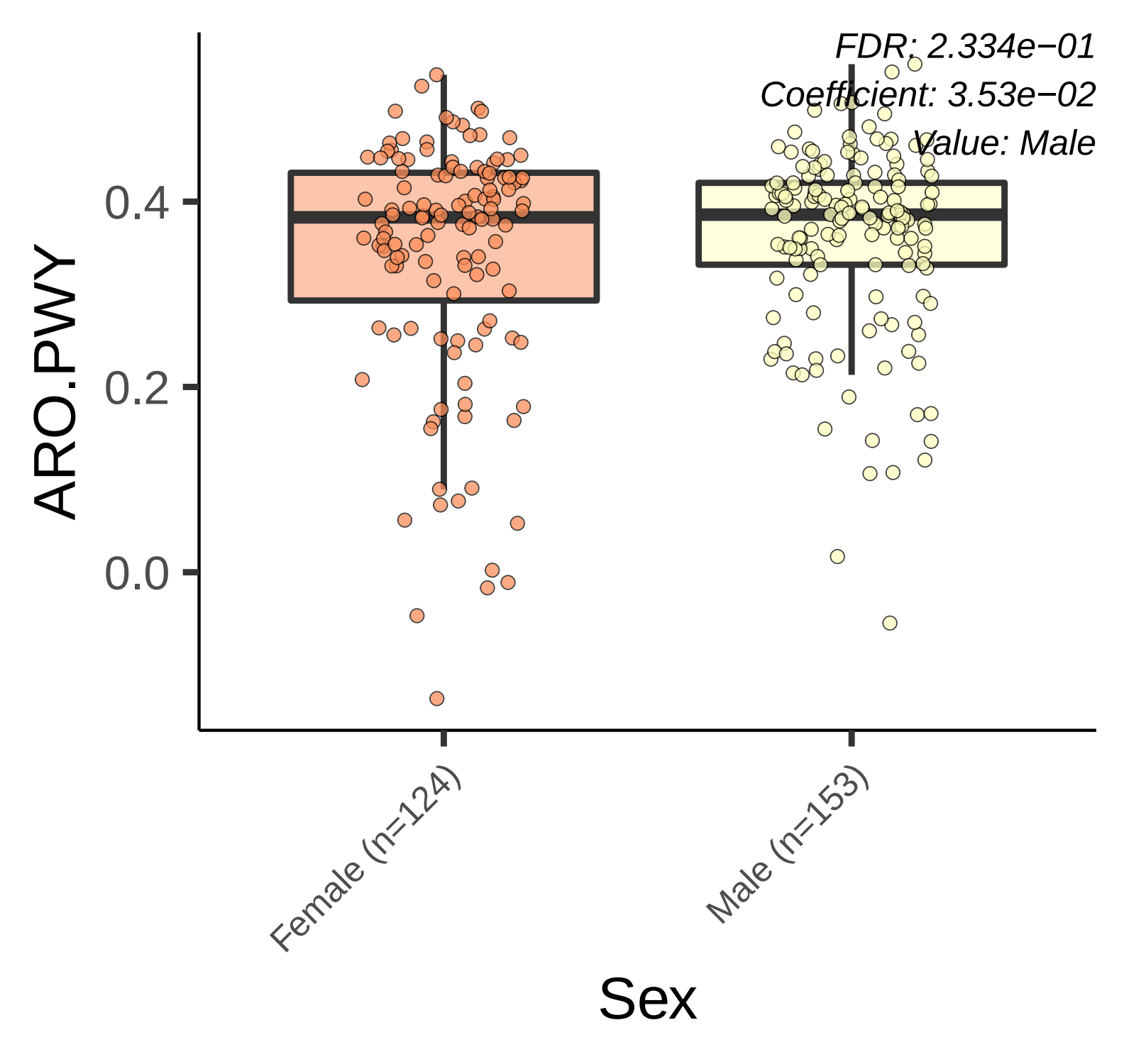

FDR: 2.262e−01
Coefficient: −2.24e−02
Value: Male
PWY.6151
0.6
0.4
0.2
Female (n=124)
Male (n=153)
Sex

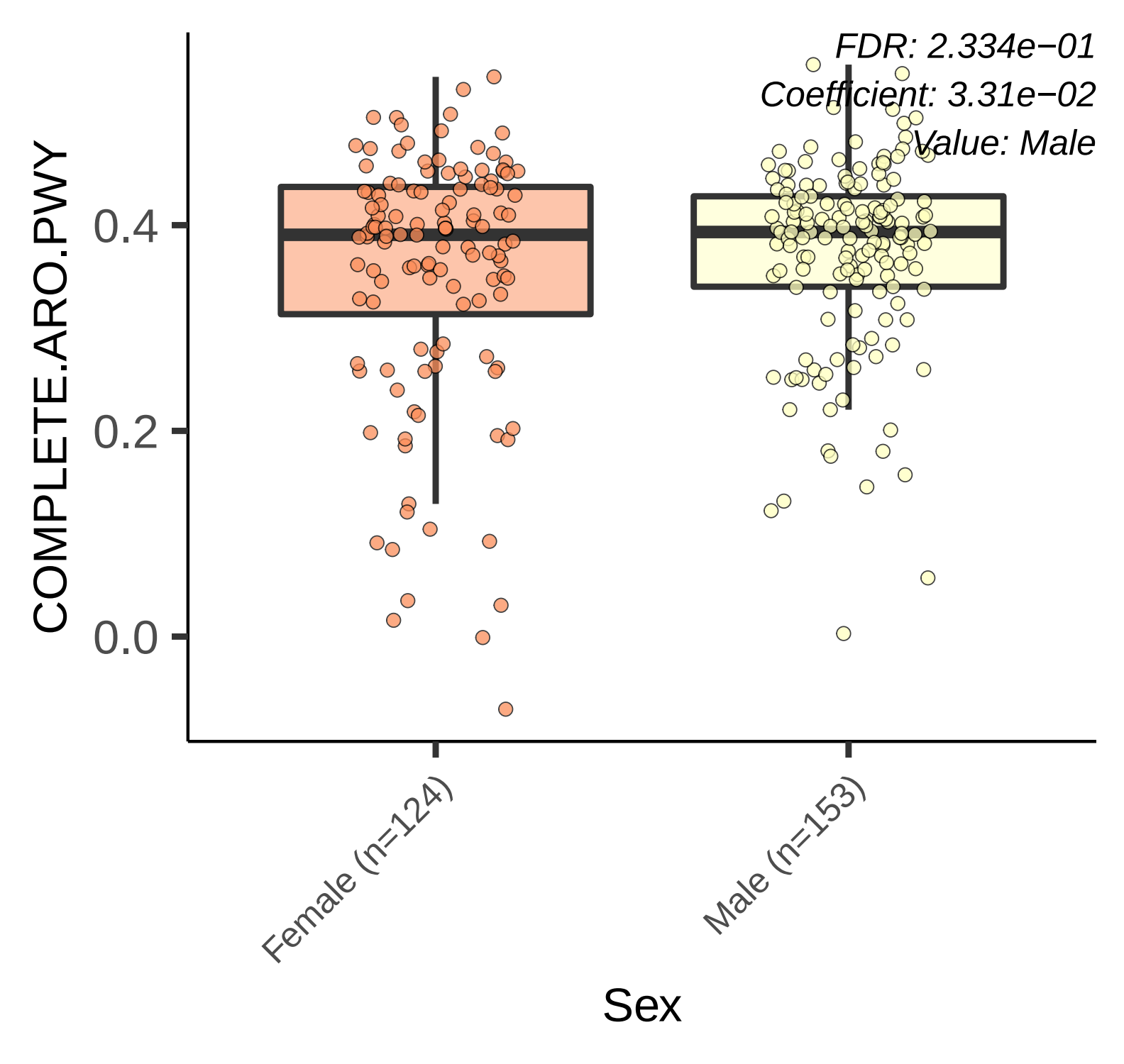

FDR: 2.262e−01
Coefficient: −1.86e−02
Value: Male
PWY.7221
0.8
0.6
0.4
Female (n=124)
Male (n=153)
Sex

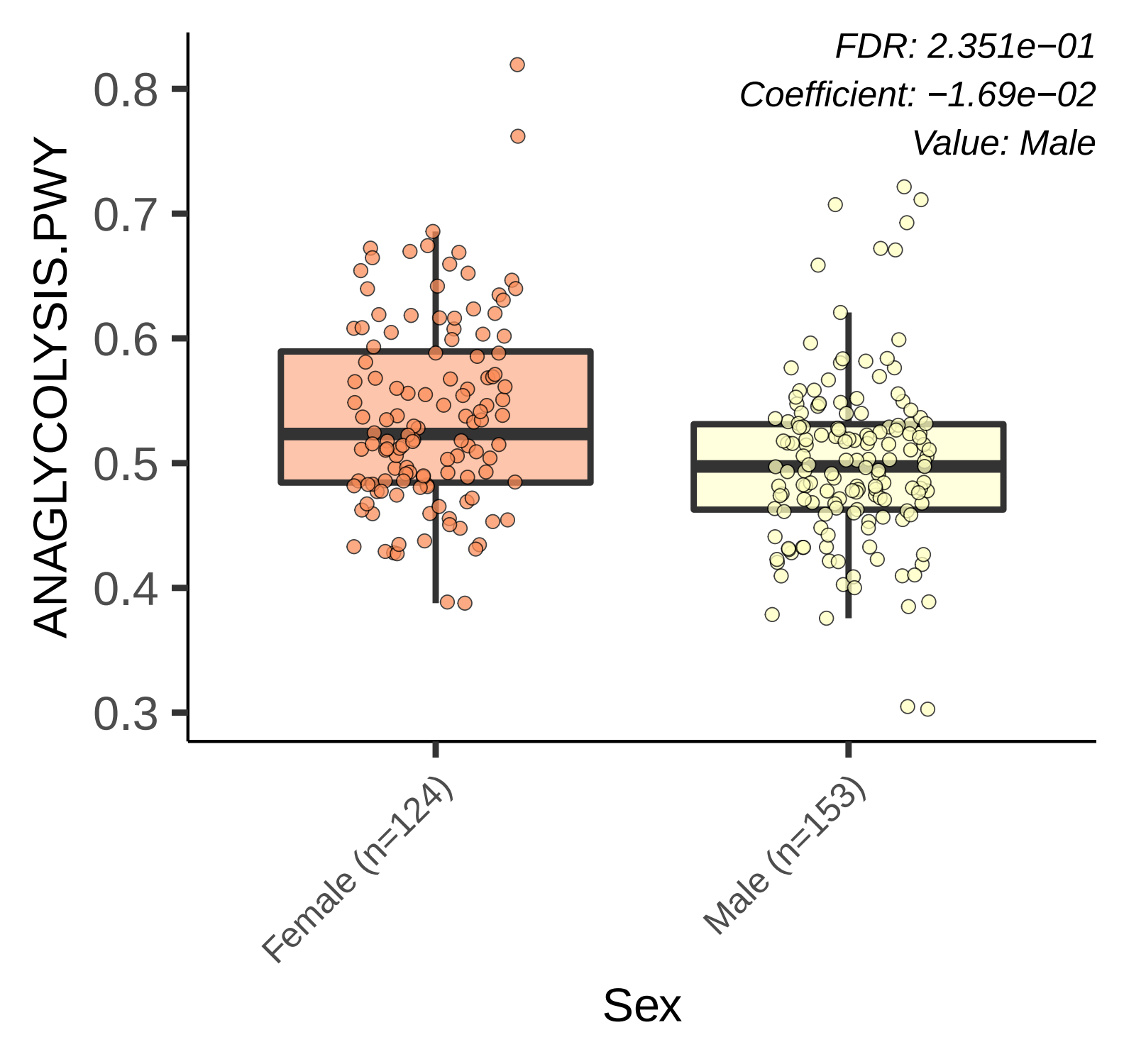

FDR: 2.289e−01
Coefficient: −1.78e−02
Value: Male
PWY.5667
0.8
0.7
0.6
0.5
0.4
0.3
Female (n=124)
Male (n=153)
Sex

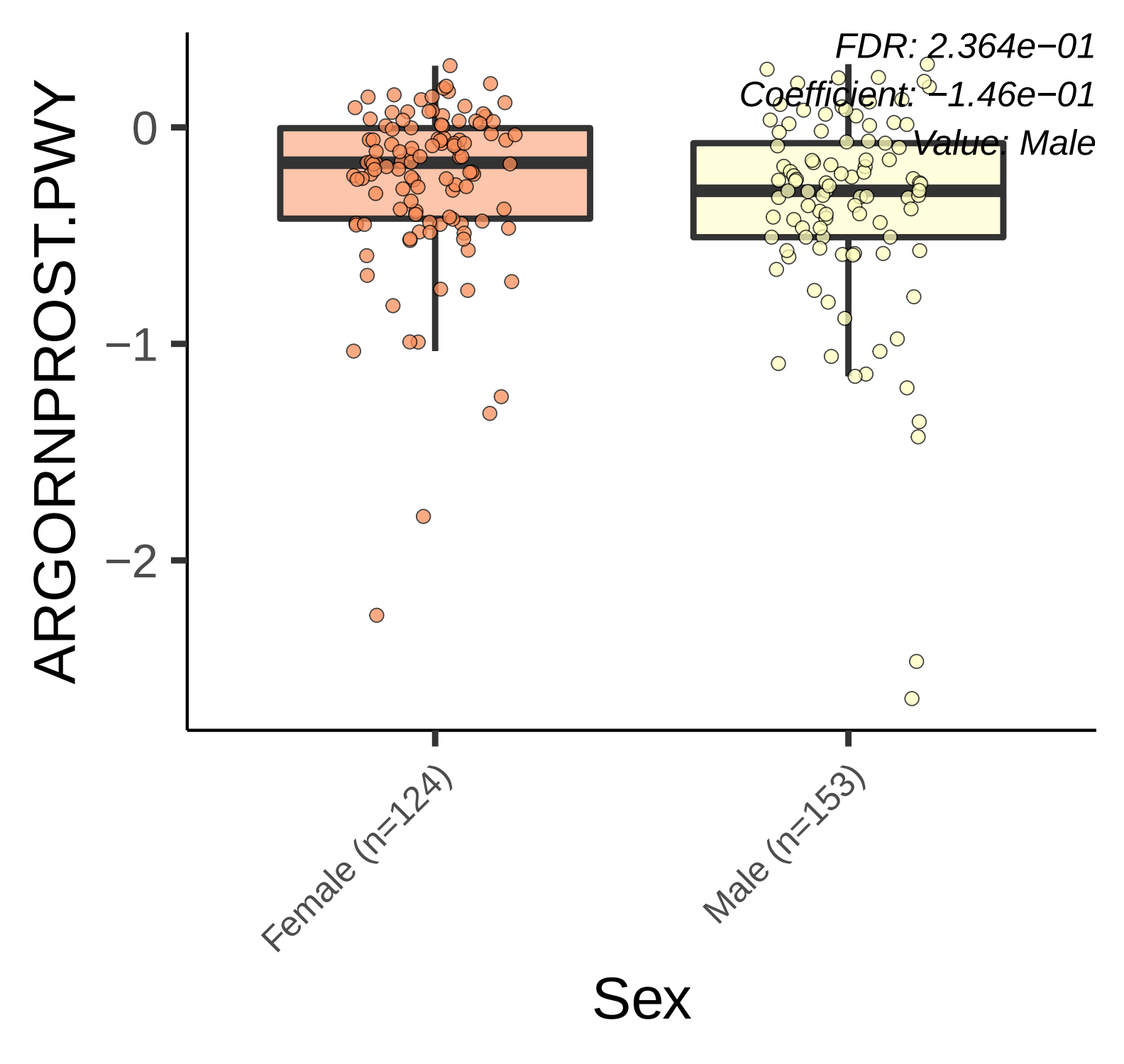

FDR: 2.289e−01
Coefficient: −1.78e−02
Value: Male
PWY0.1319
0.8
0.7
0.6
0.5
0.4
0.3
Female (n=124)
Male (n=153)
Sex

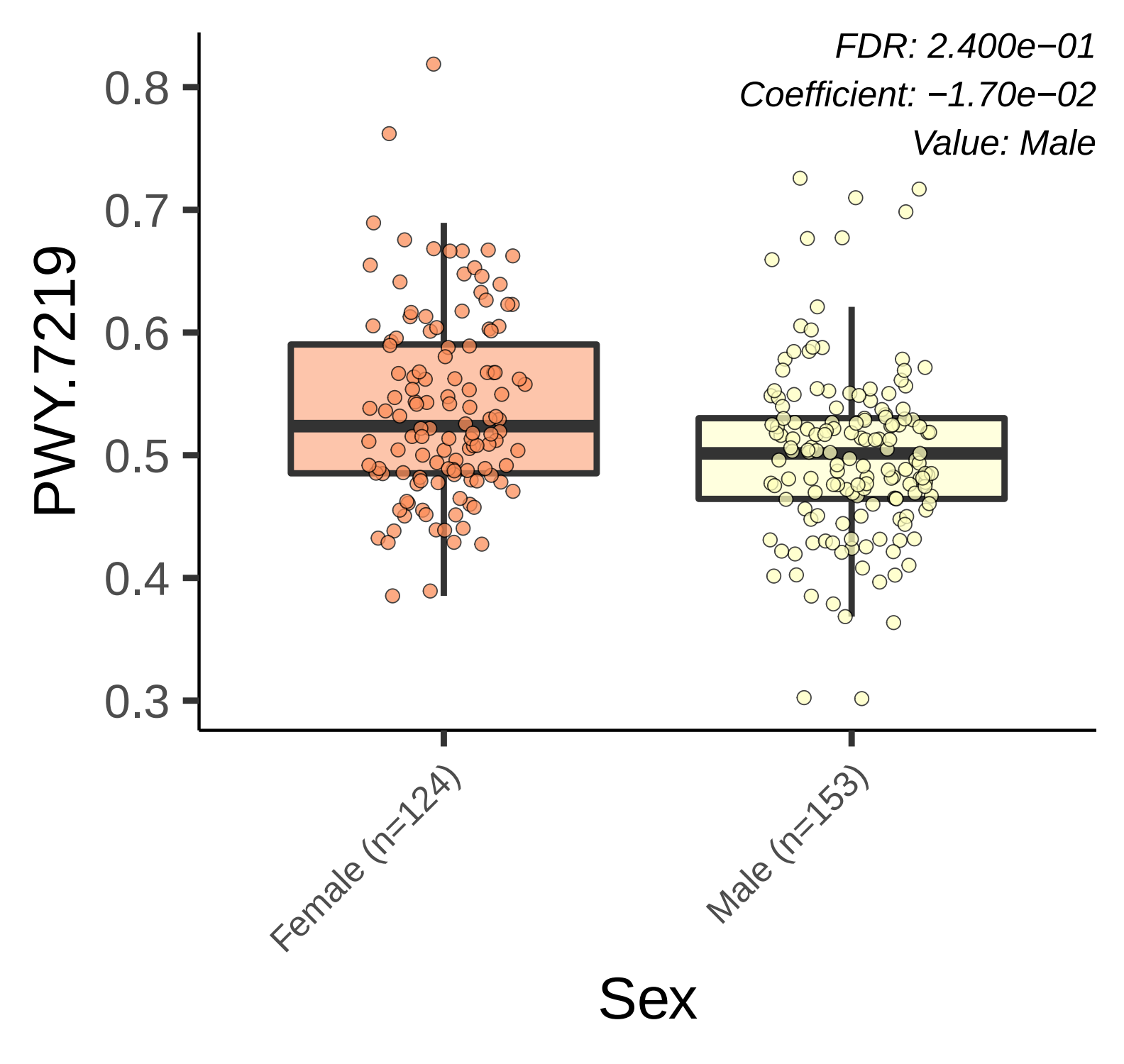

FDR: 2.295e−01
Coefficient: 4.02e−02
Value: Male
PWY.6897
0.25
0.00
−0.25
−0.50
Female (n=124)
Male (n=153)
Sex

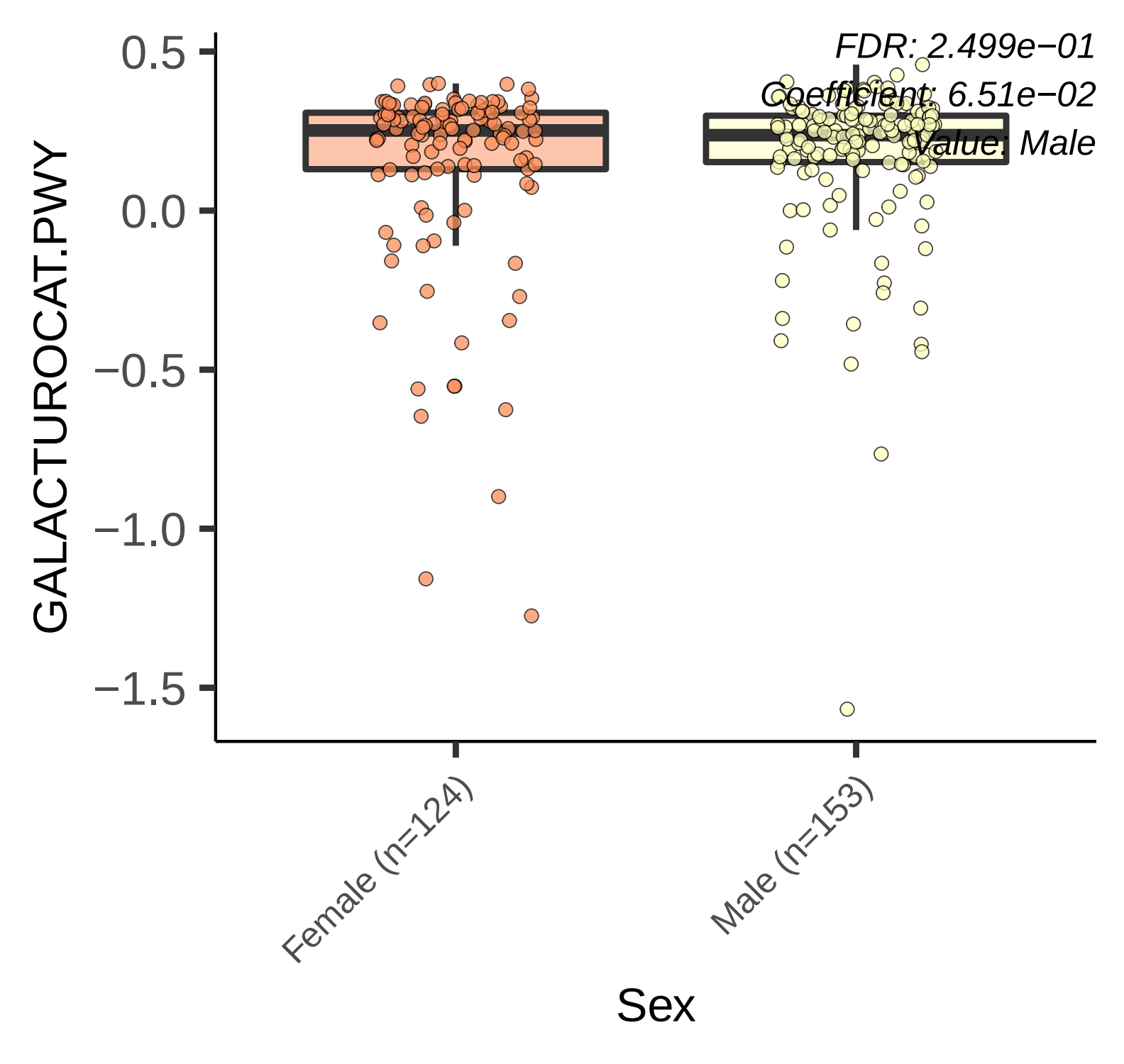

FDR: 2.334e−01
Coefficient: 3.53e−02
Value: Male
ARO.PWY
0.4
0.2
0.0
Female (n=124)
Male (n=153)
Sex


FDR: 2.334e−01
Coefficient: 3.31e−02
Value: Male
COMPLETE.ARO.PWY
0.4
0.2
0.0
Female (n=124)
Male (n=153)
Sex


FDR: 2.351e−01
Coefficient: −1.69e−02
Value: Male
ANAGLYCOLYSIS.PWY
0.8
0.7
0.6
0.5
0.4
0.3
Female (n=124)
Male (n=153)
Sex


FDR: 2.364e−01
Coefficient: −1.46e−01
Value: Male
ARGORNPROST.PWY
0
−1
−2
Female (n=124)
Male (n=153)
Sex


FDR: 2.400e−01
Coefficient: −1.70e−02
Value: Male
PWY.7219
0.8
0.7
0.6
0.5
0.4
0.3
Female (n=124)
Male (n=153)
Sex


FDR: 2.499e−01
Coefficient: 6.51e−02
Value: Male
GALACTUROCAT.PWY
0.5
0.0
−0.5
−1.0
−1.5
Female (n=124)
Male (n=153)
Sex