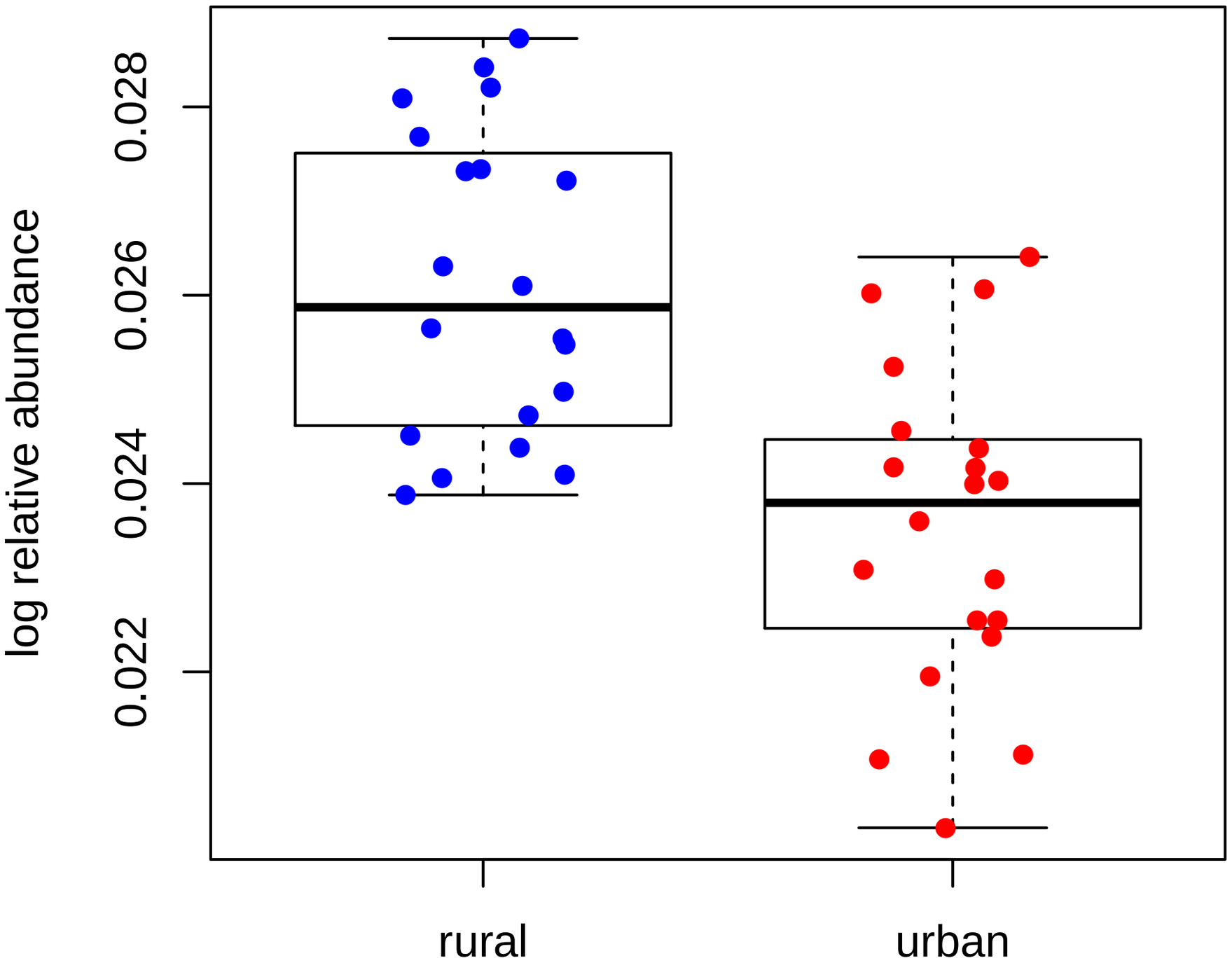
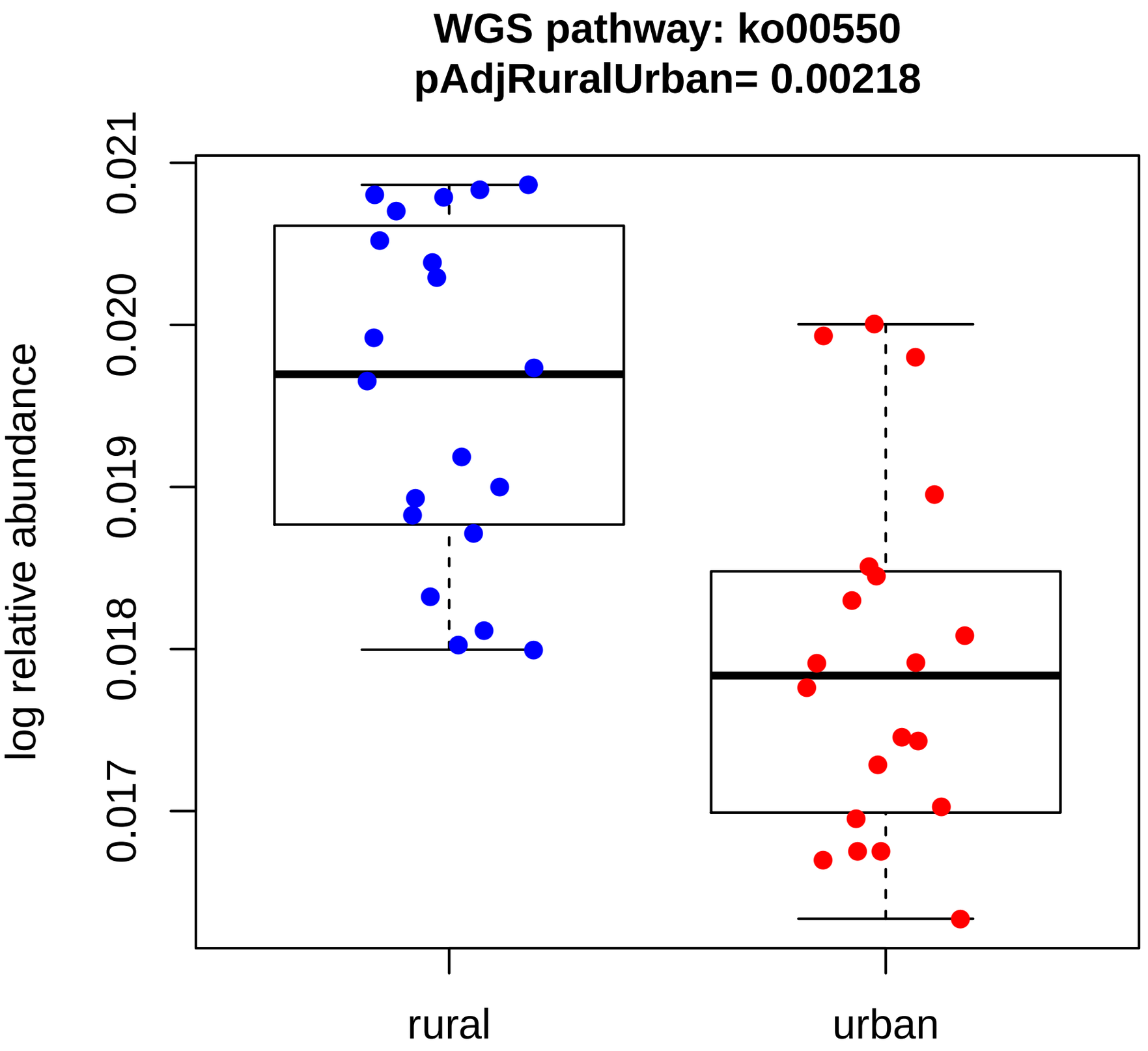
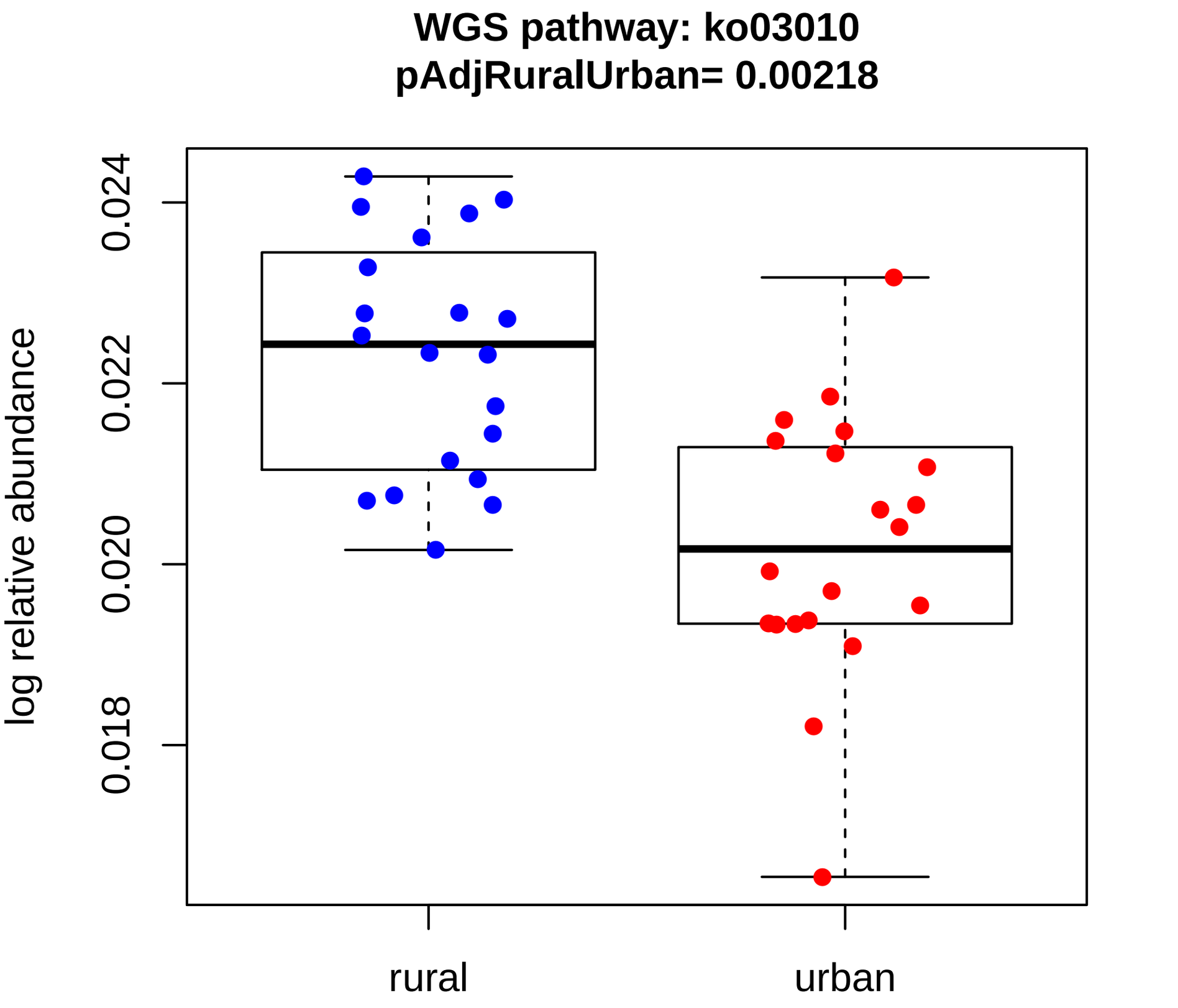
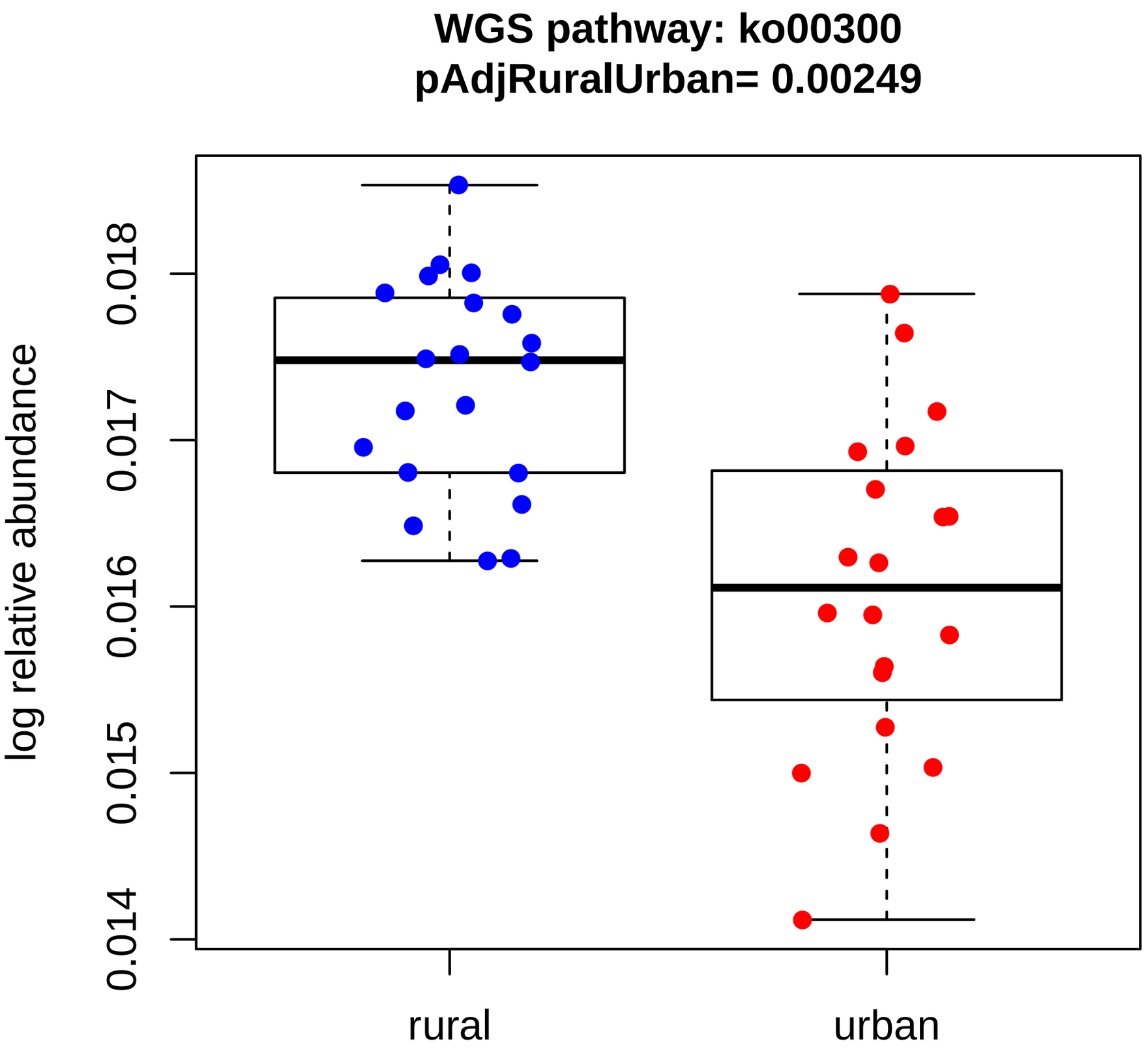
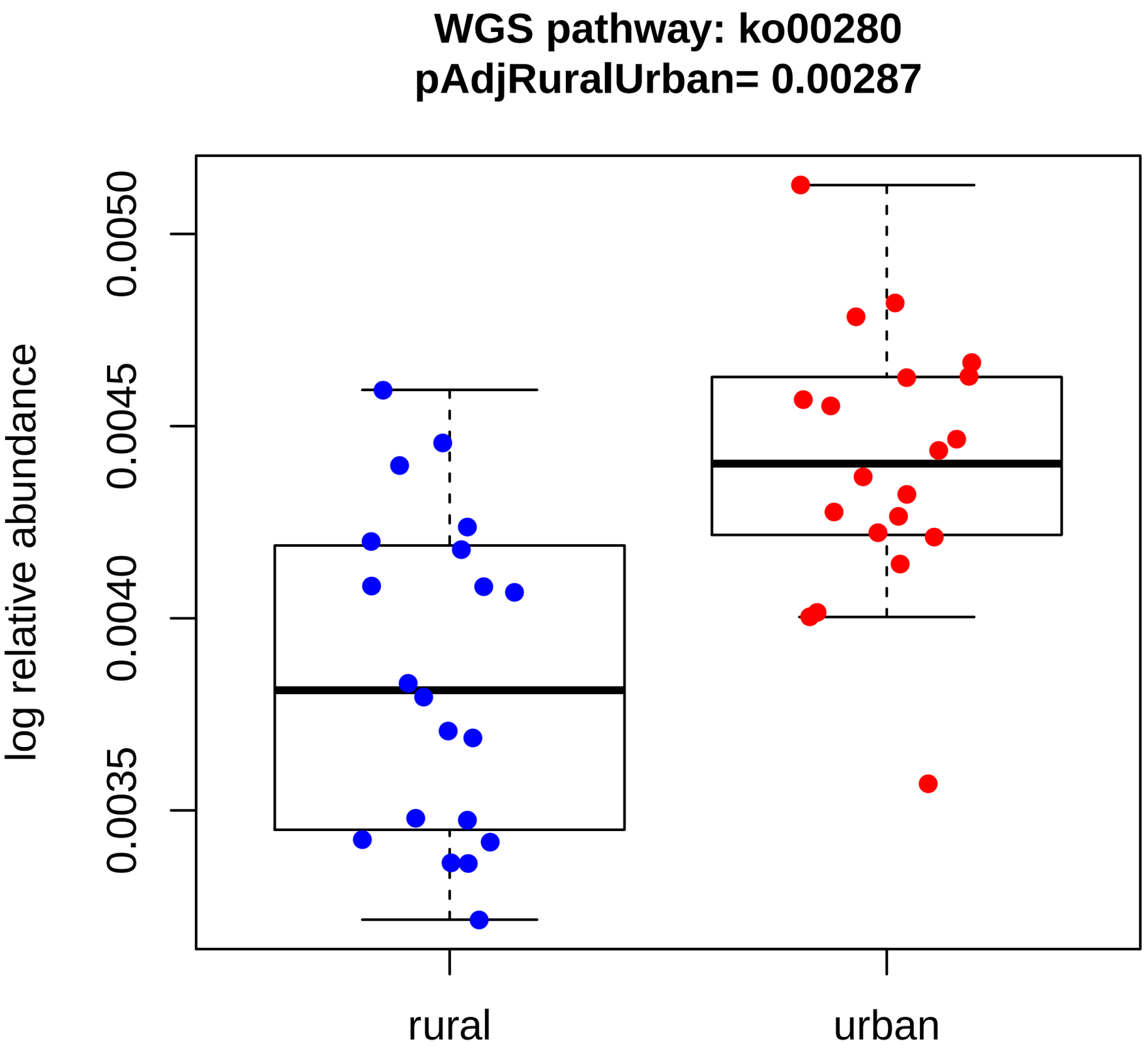
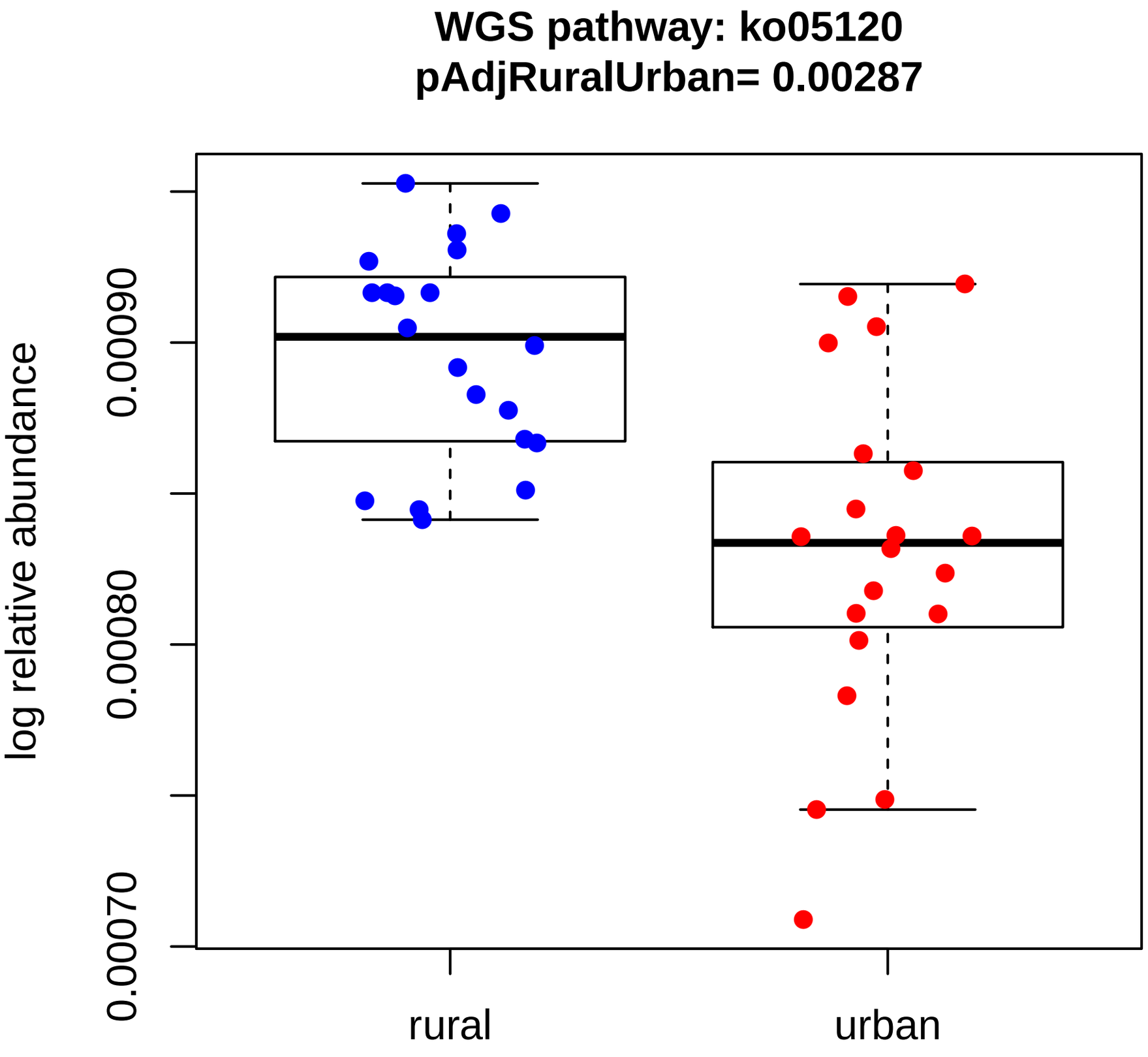

WGS pathway: ko00471
pAdjRuralUrban= 0.00218
log relative abundance
0.022
0.024
0.026
0.028
rural
urban

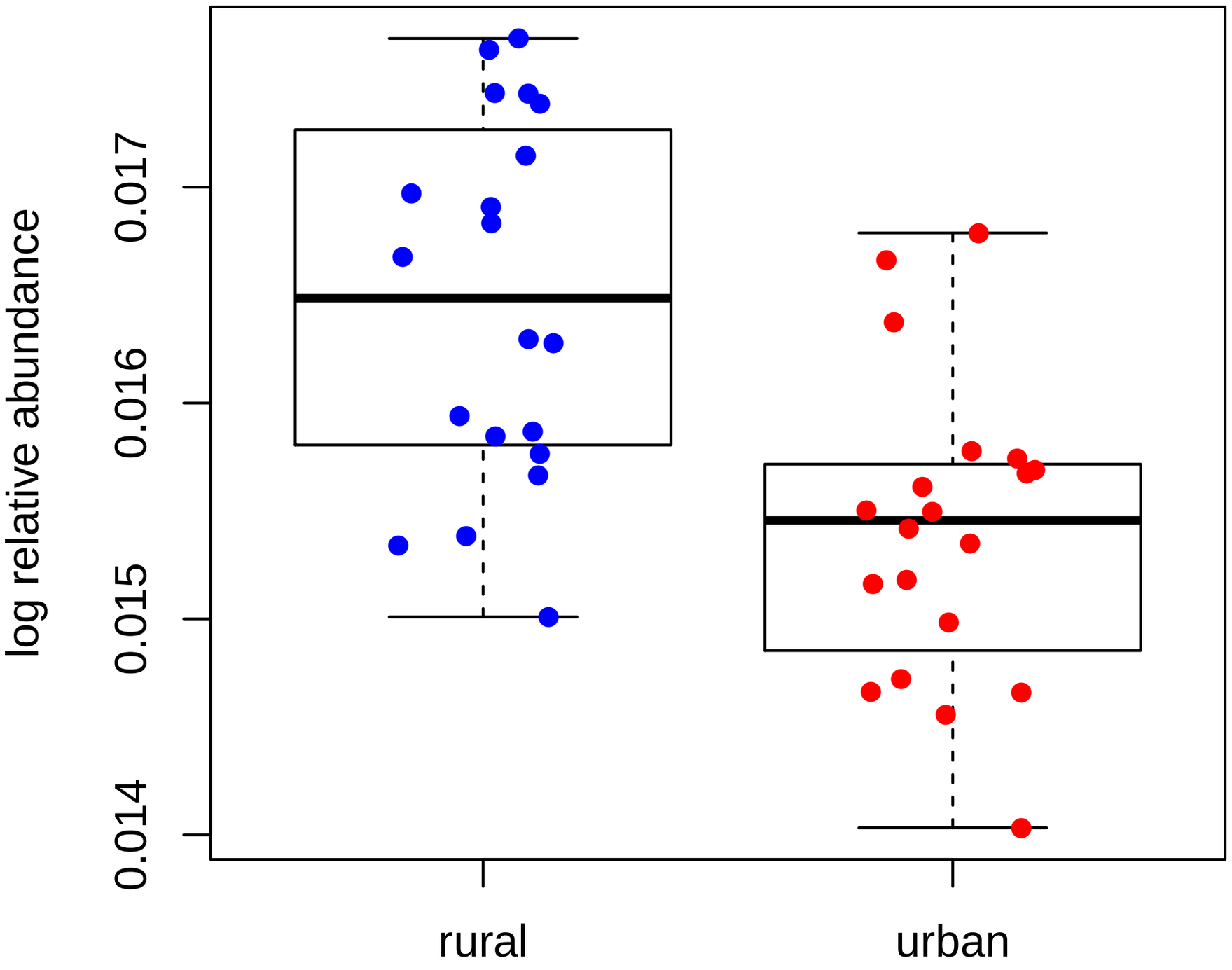

WGS pathway: ko00550
pAdjRuralUrban= 0.00218
log relative abundance
0.017
0.018
0.019
0.020
0.021
rural
urban

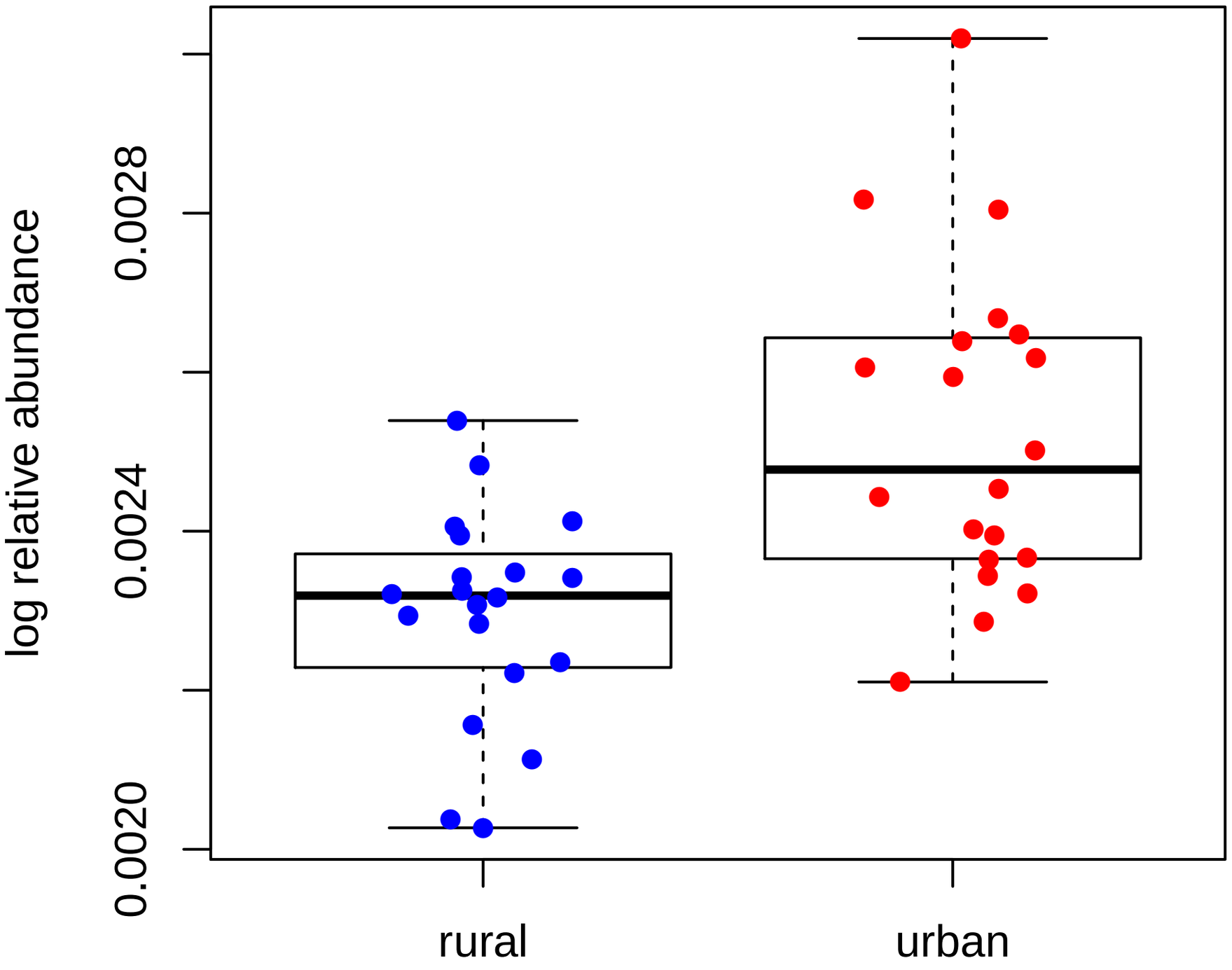

WGS pathway: ko03010
pAdjRuralUrban= 0.00218
log relative abundance
0.018
0.020
0.022
0.024
rural
urban

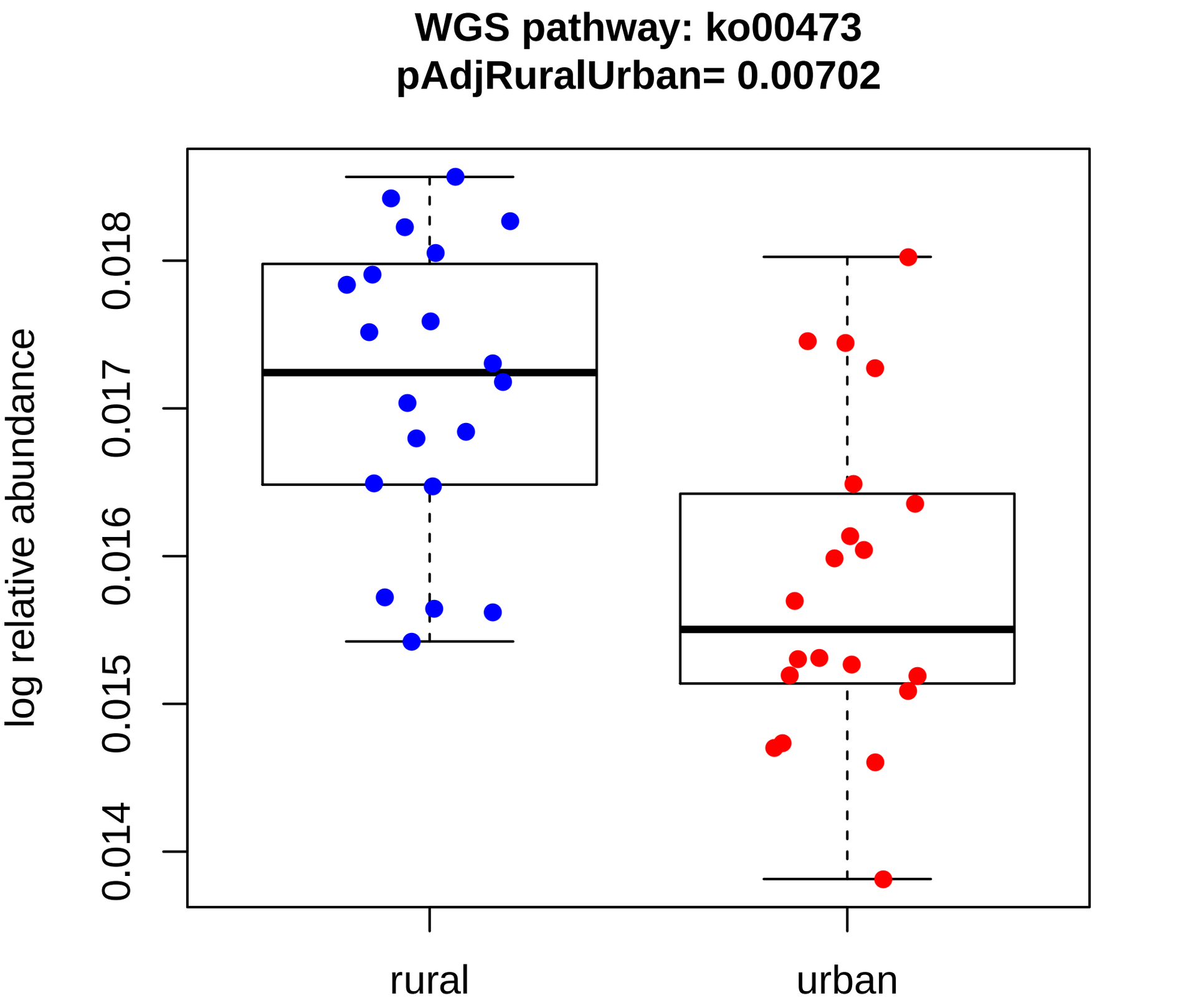

WGS pathway: ko00300
pAdjRuralUrban= 0.00249
log relative abundance
0.014
0.015
0.016
0.017
0.018
rural
urban

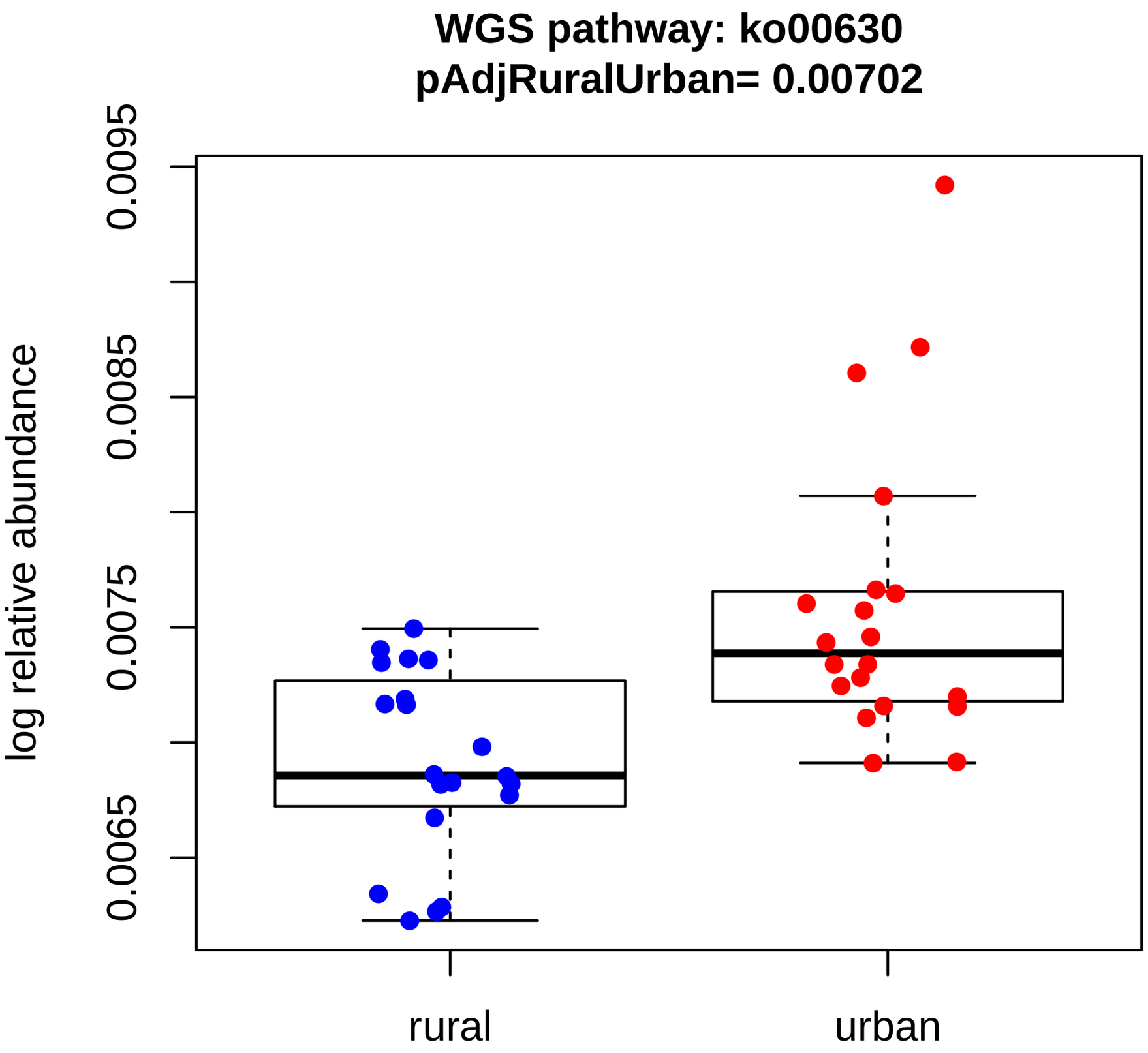

WGS pathway: ko00280
pAdjRuralUrban= 0.00287
log relative abundance
0.0035
0.0040
0.0045
0.0050
rural
urban

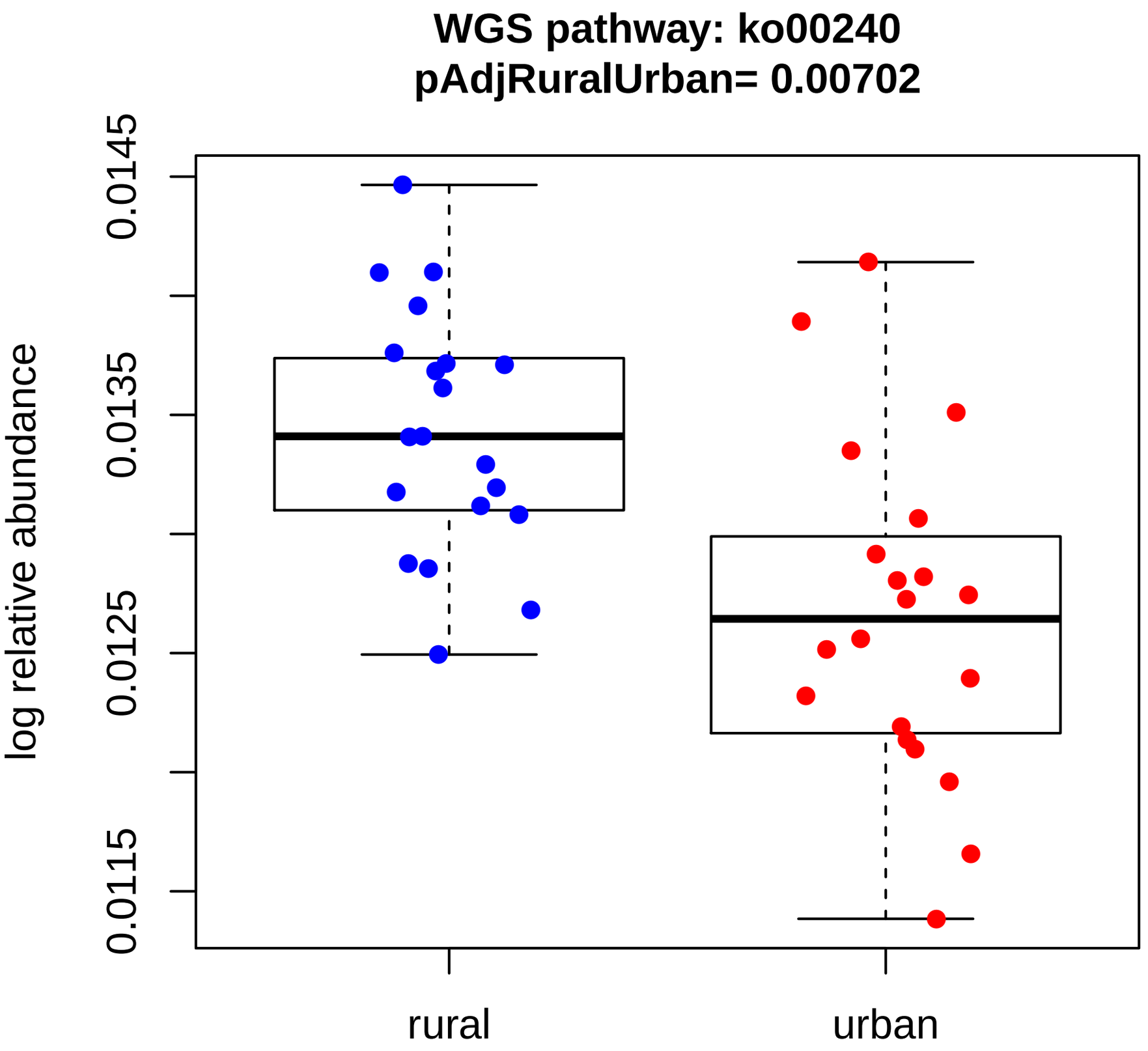

WGS pathway: ko05120
pAdjRuralUrban= 0.00287
log relative abundance
0.00090
0.00080
0.00070
rural
urban

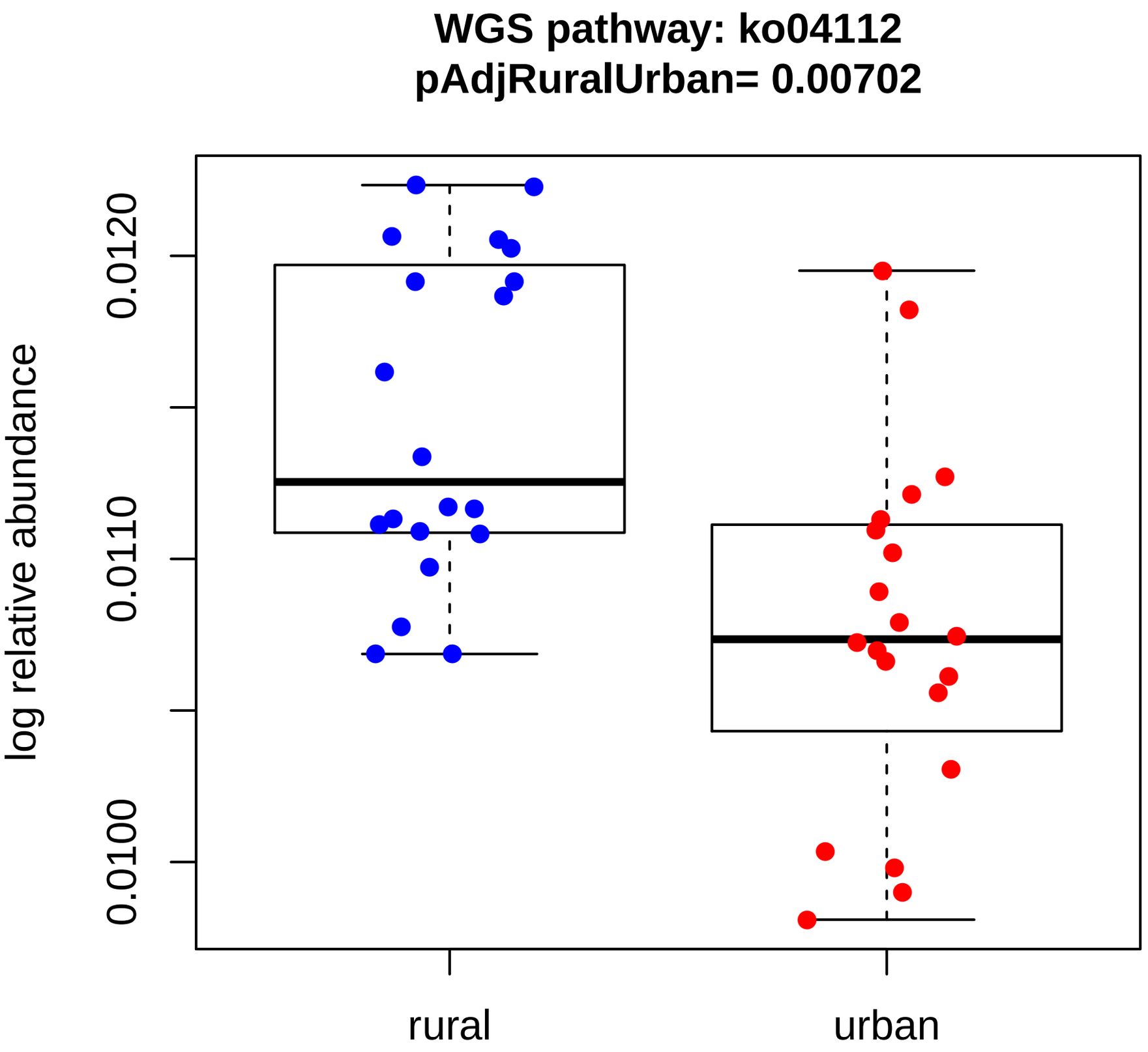

WGS pathway: ko03440
pAdjRuralUrban= 0.00364
log relative abundance
0.014
0.015
0.016
0.017
rural
urban

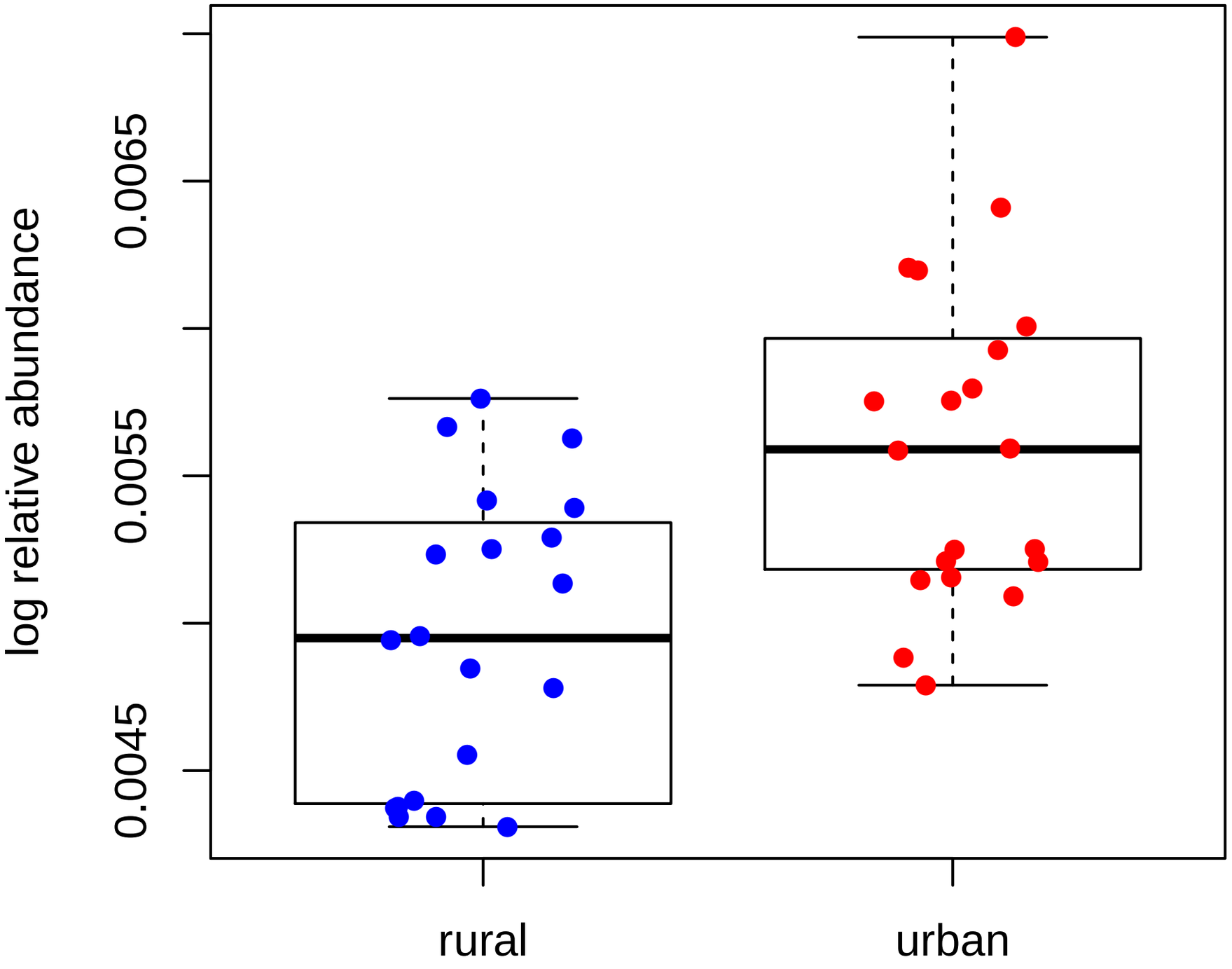

WGS pathway: ko00627
pAdjRuralUrban= 0.00563
log relative abundance
0.0020
0.0024
0.0028
rural
urban

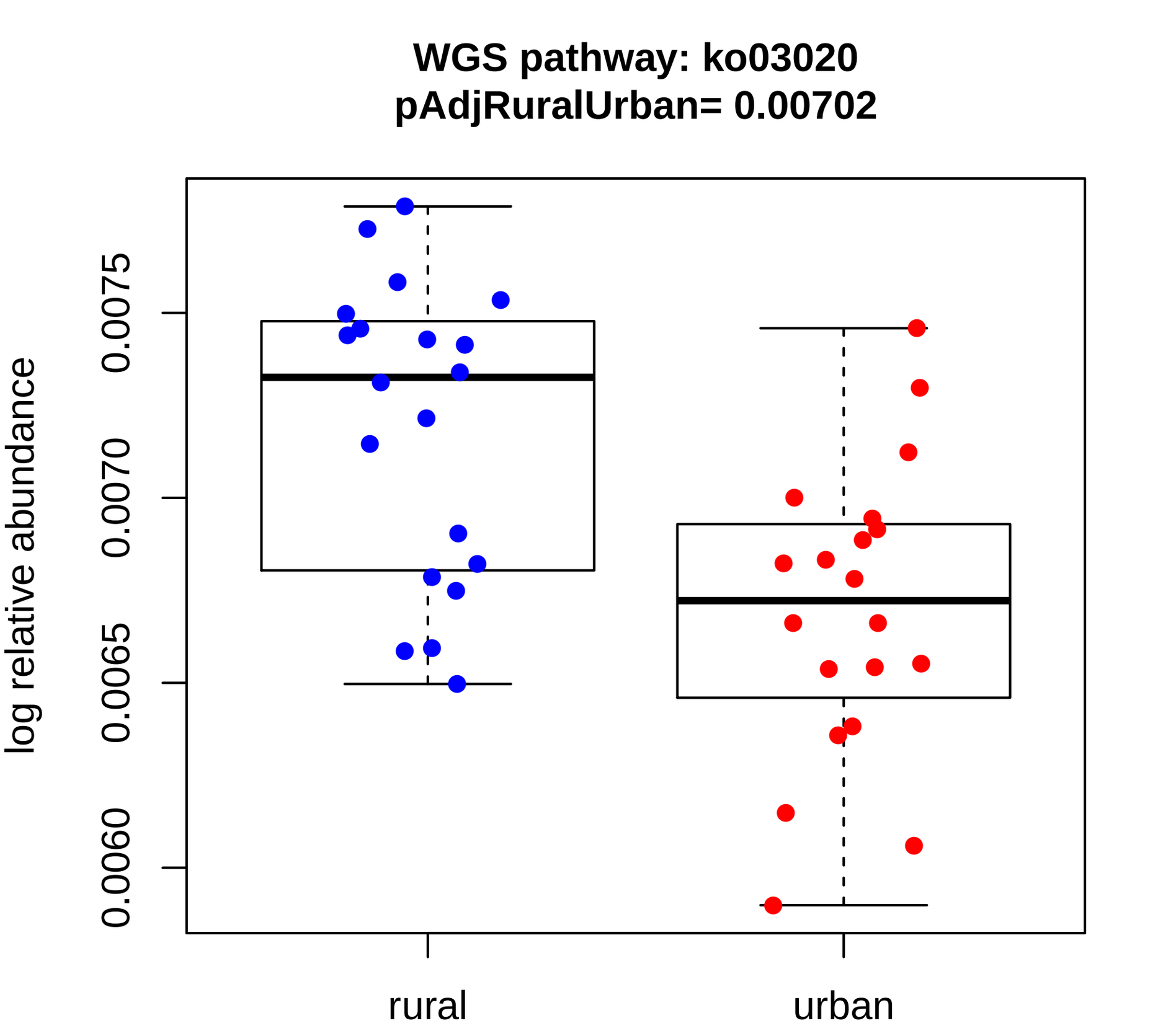

WGS pathway: ko00473
pAdjRuralUrban= 0.00702
log relative abundance
0.014
0.015
0.016
0.017
0.018
rural
urban

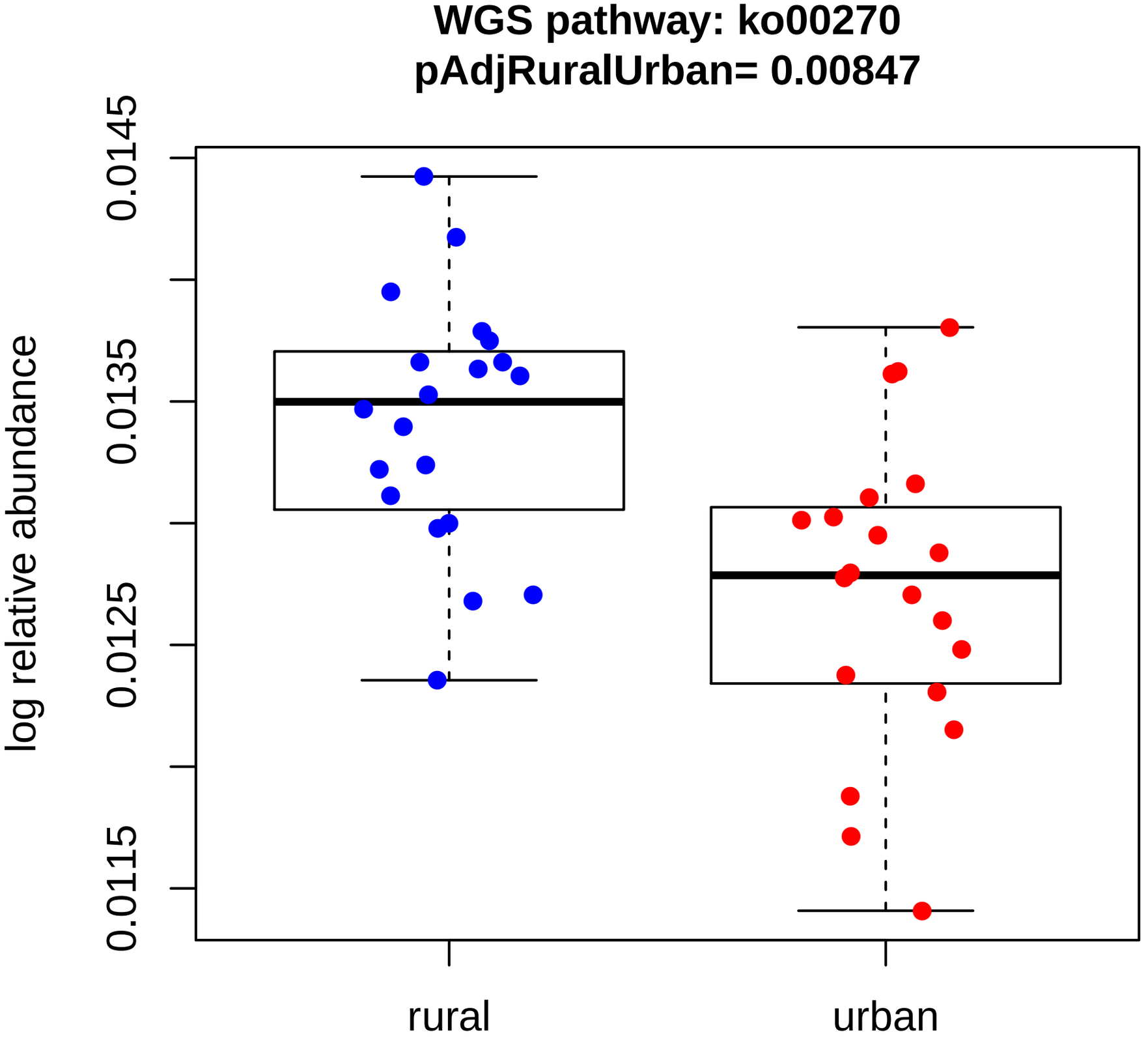

WGS pathway: ko00630
pAdjRuralUrban= 0.00702
log relative abundance
0.0065
0.0075
0.0085
0.0095
rural
urban

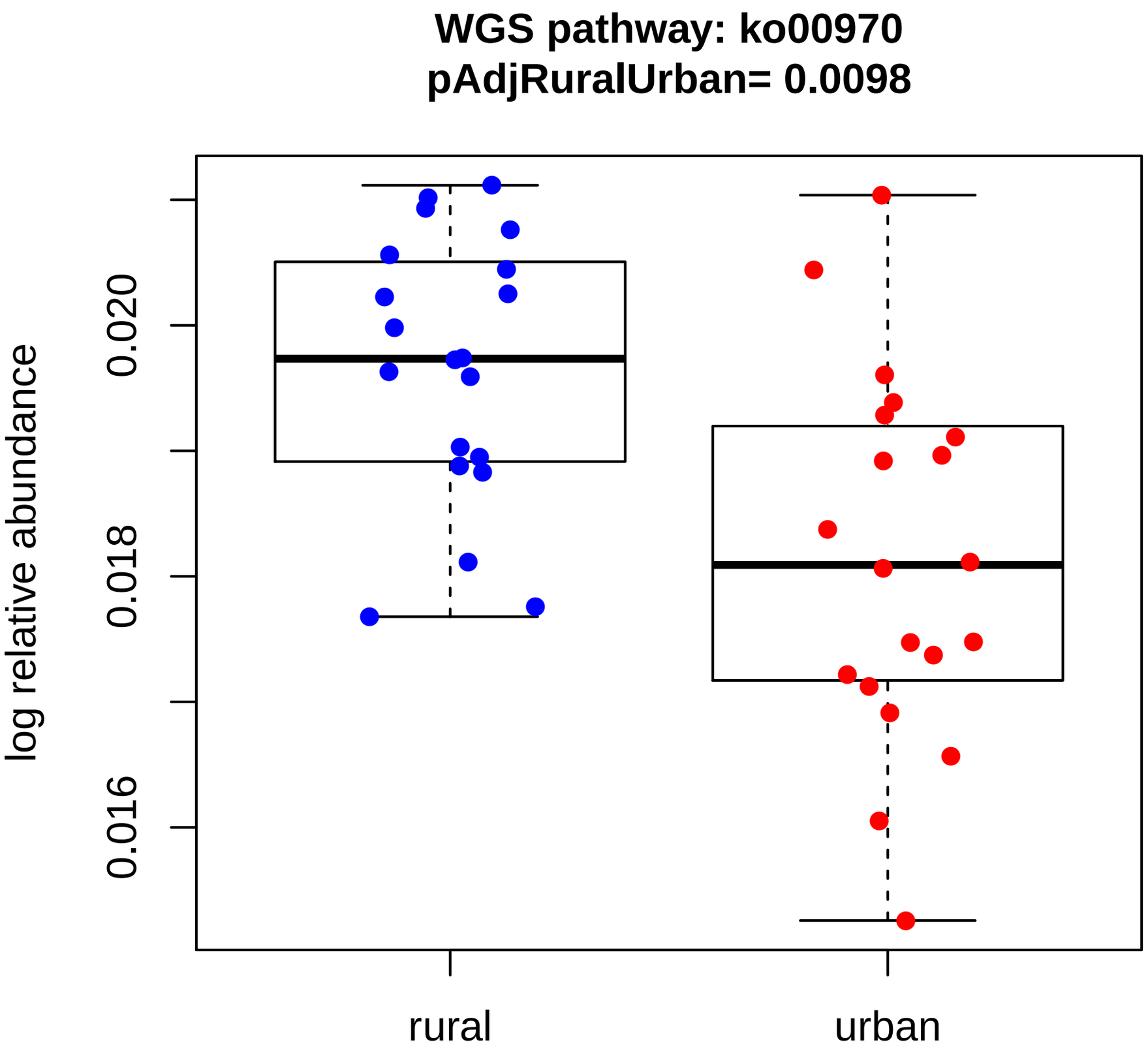

WGS pathway: ko00240
pAdjRuralUrban= 0.00702
log relative abundance
0.0145
0.0135
0.0125
0.0115
rural
urban

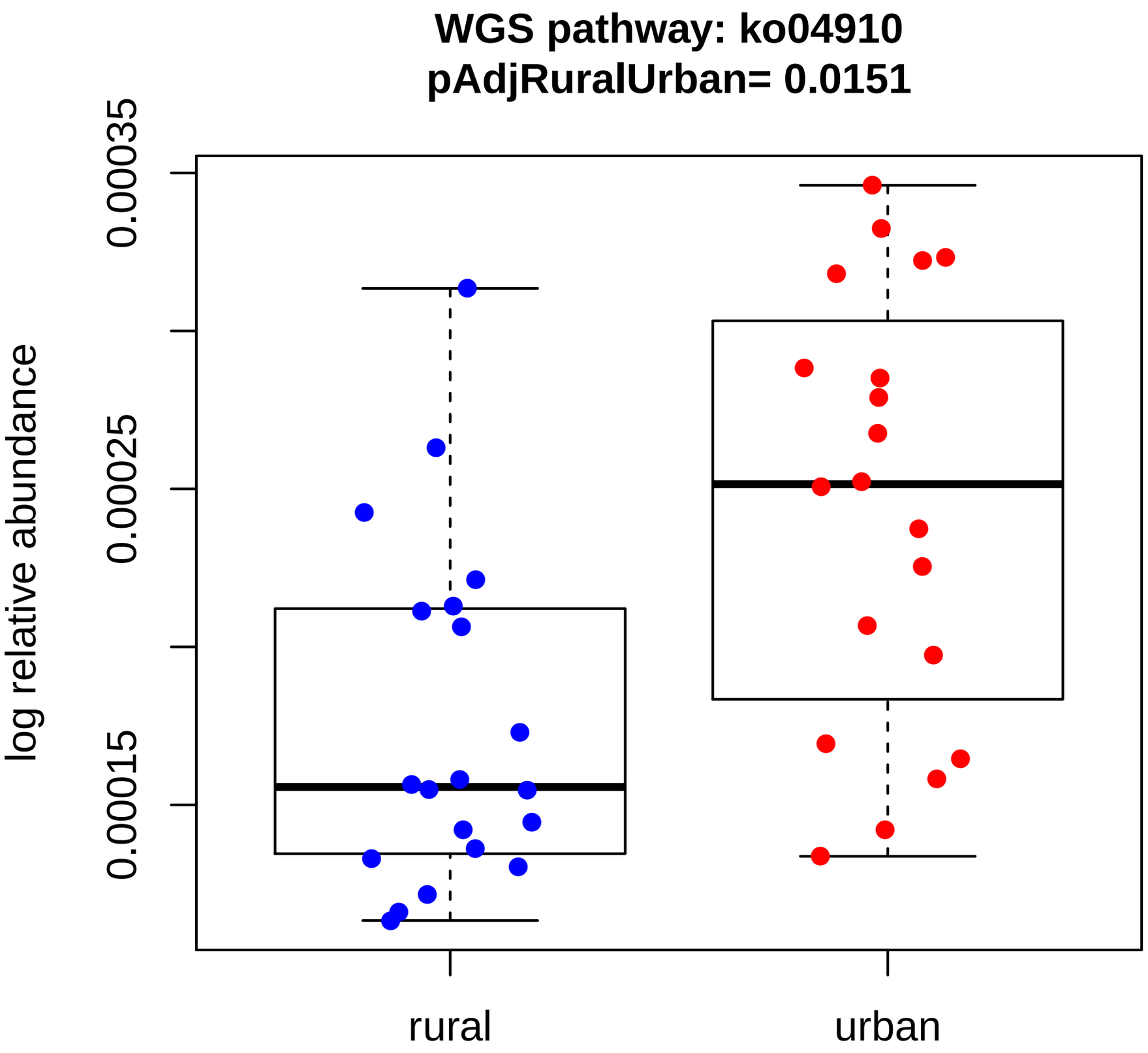

WGS pathway: ko04112
pAdjRuralUrban= 0.00702
log relative abundance
0.0120
0.0110
0.0100
rural
urban

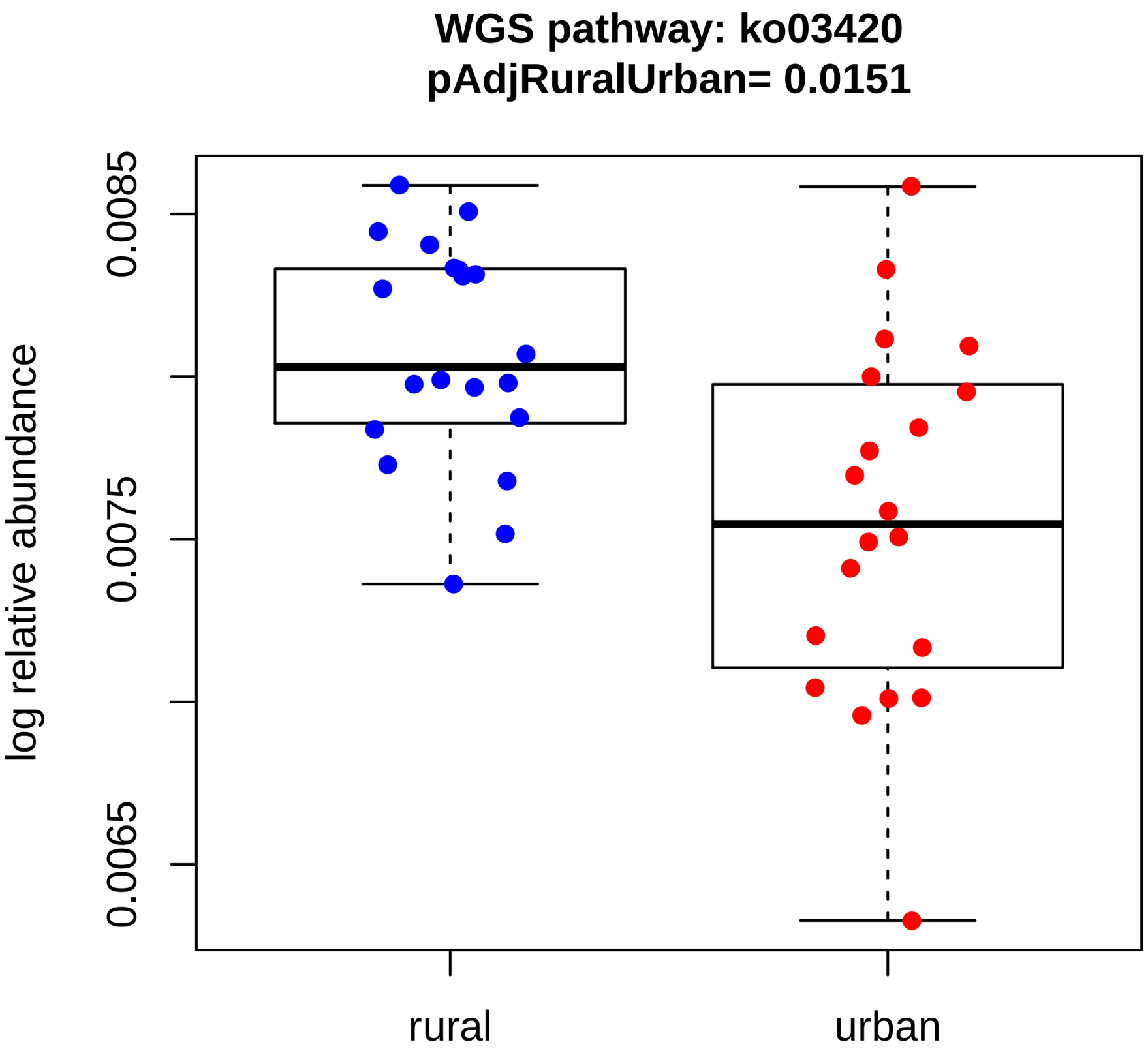

WGS pathway: ko02020
pAdjRuralUrban= 0.00702
log relative abundance
0.0045
0.0055
0.0065
rural
urban

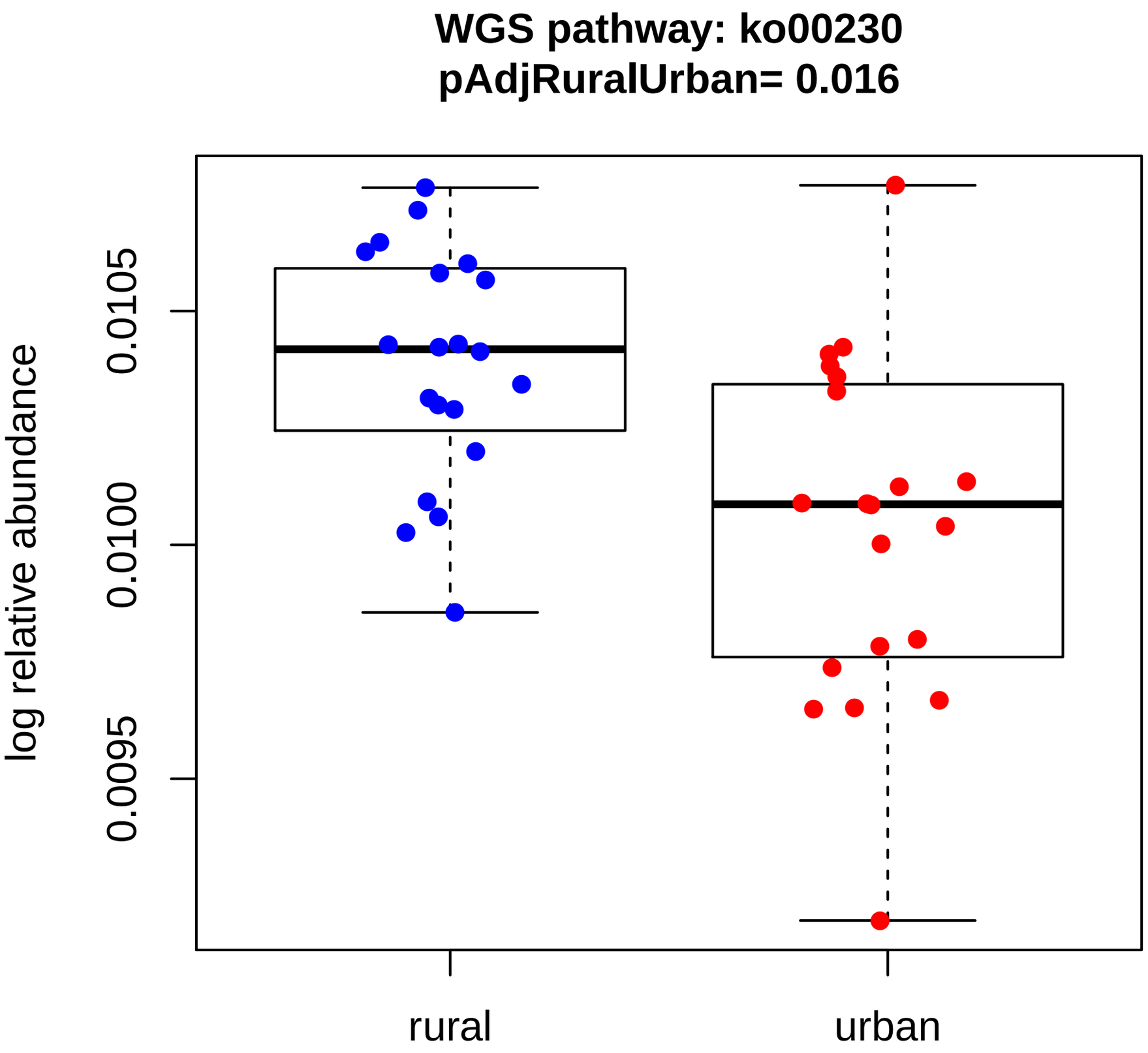

WGS pathway: ko03020
pAdjRuralUrban= 0.00702
log relative abundance
0.0060
0.0065
0.0070
0.0075
rural
urban

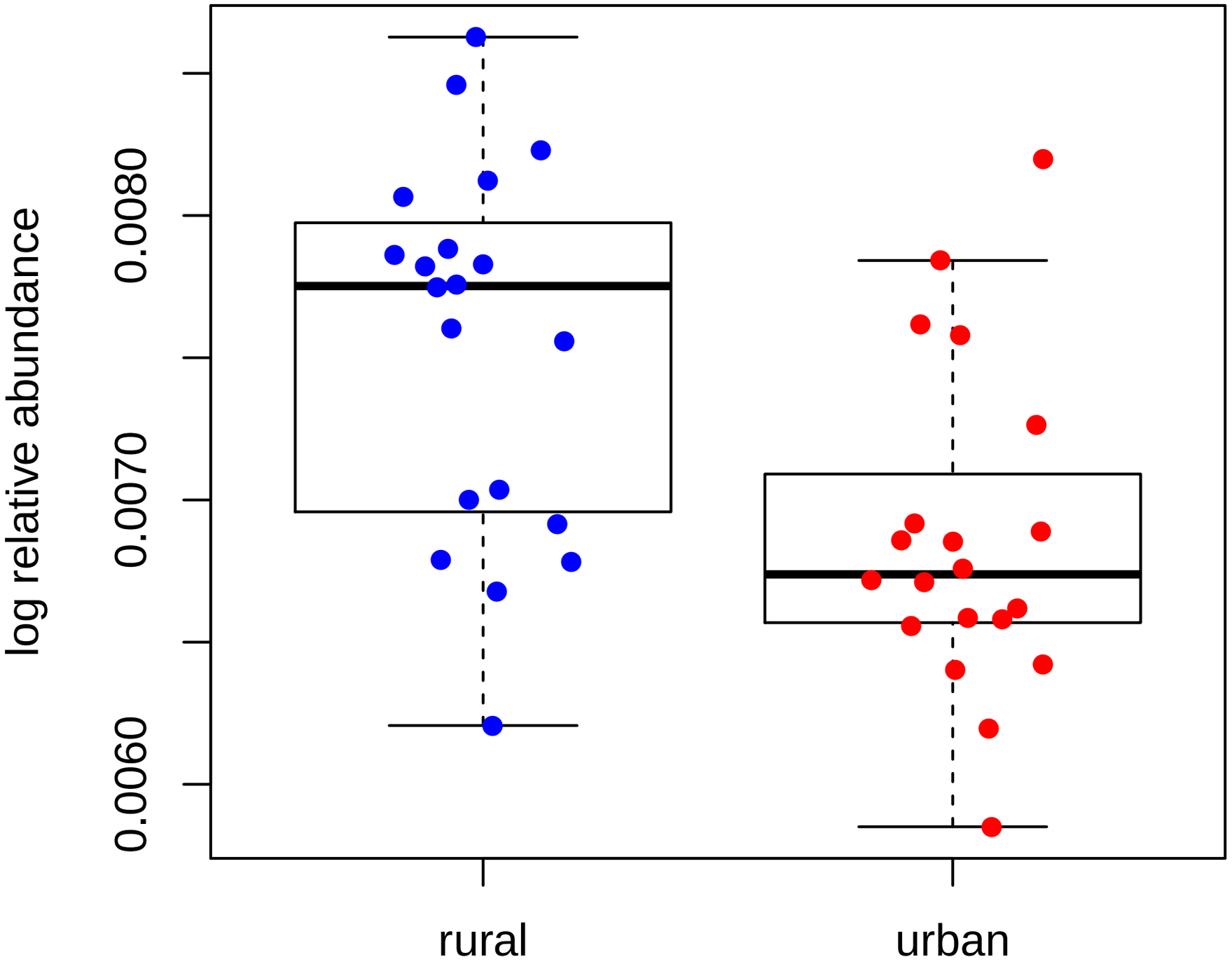

WGS pathway: ko00270
pAdjRuralUrban= 0.00847
log relative abundance
0.0145
0.0135
0.0125
0.0115
rural
urban

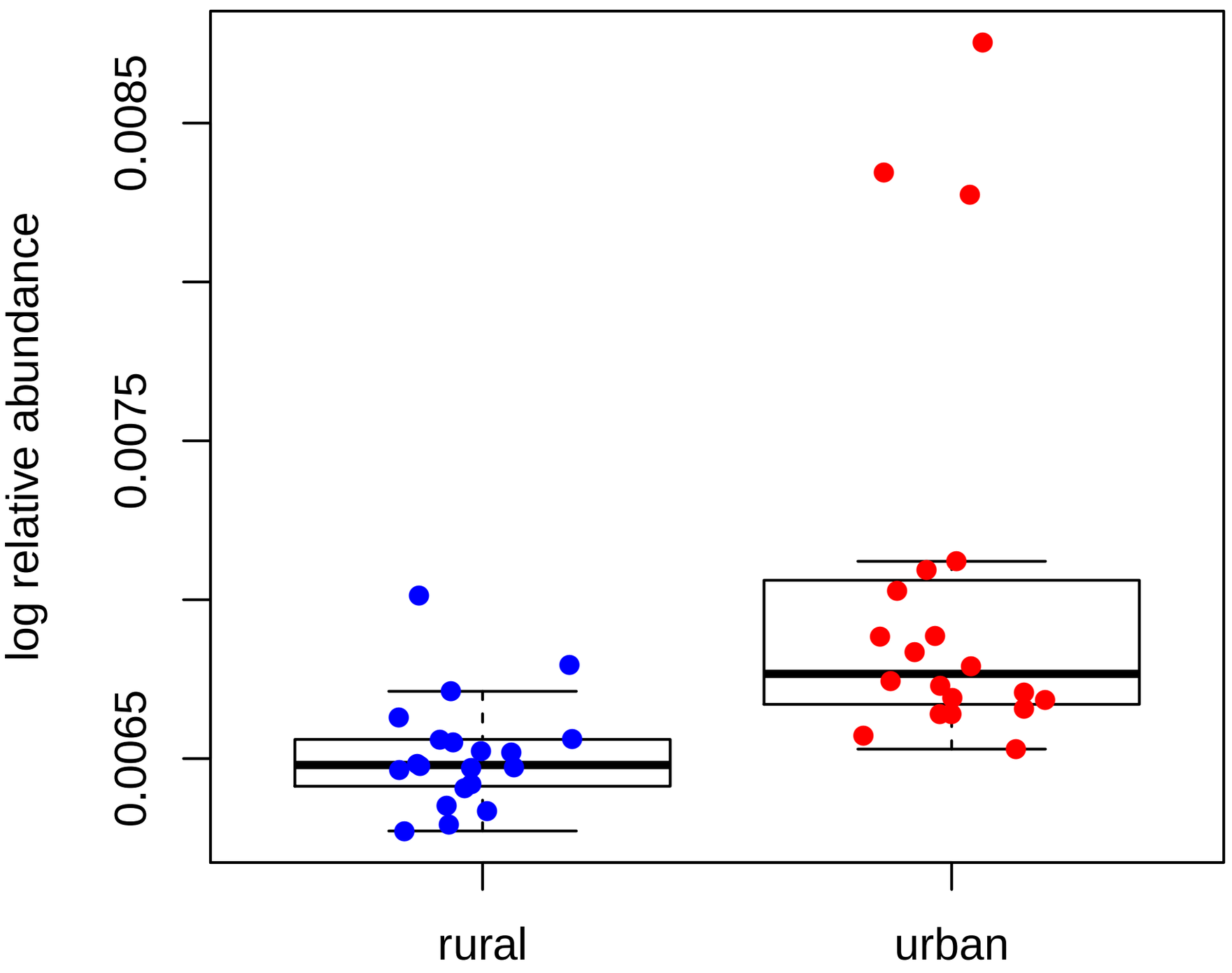

WGS pathway: ko00970
pAdjRuralUrban= 0.0098
log relative abundance
0.016
0.018
0.020
rural
urban

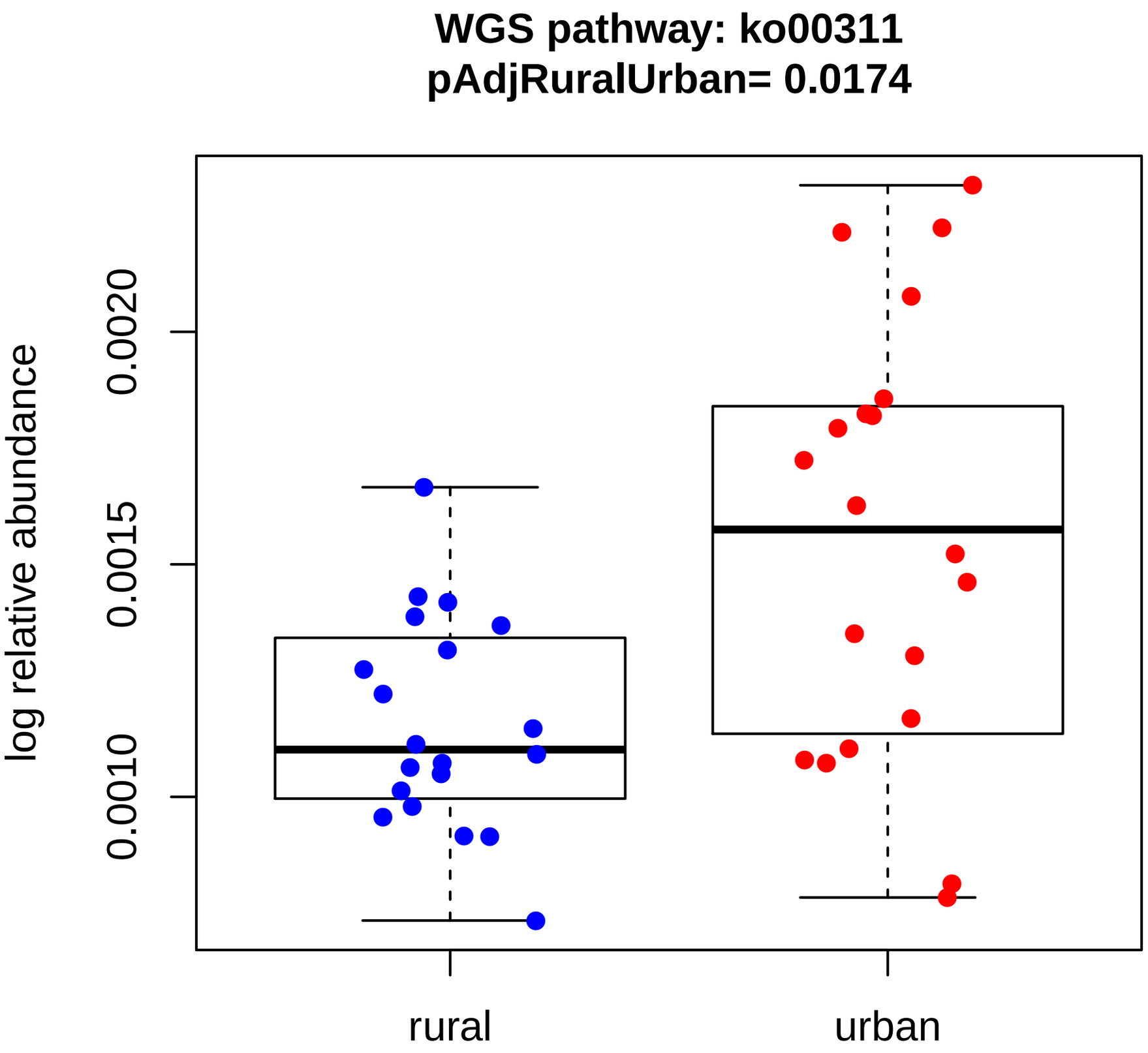

WGS pathway: ko04910
pAdjRuralUrban= 0.0151
log relative abundance
0.00035
0.00025
0.00015
rural
urban

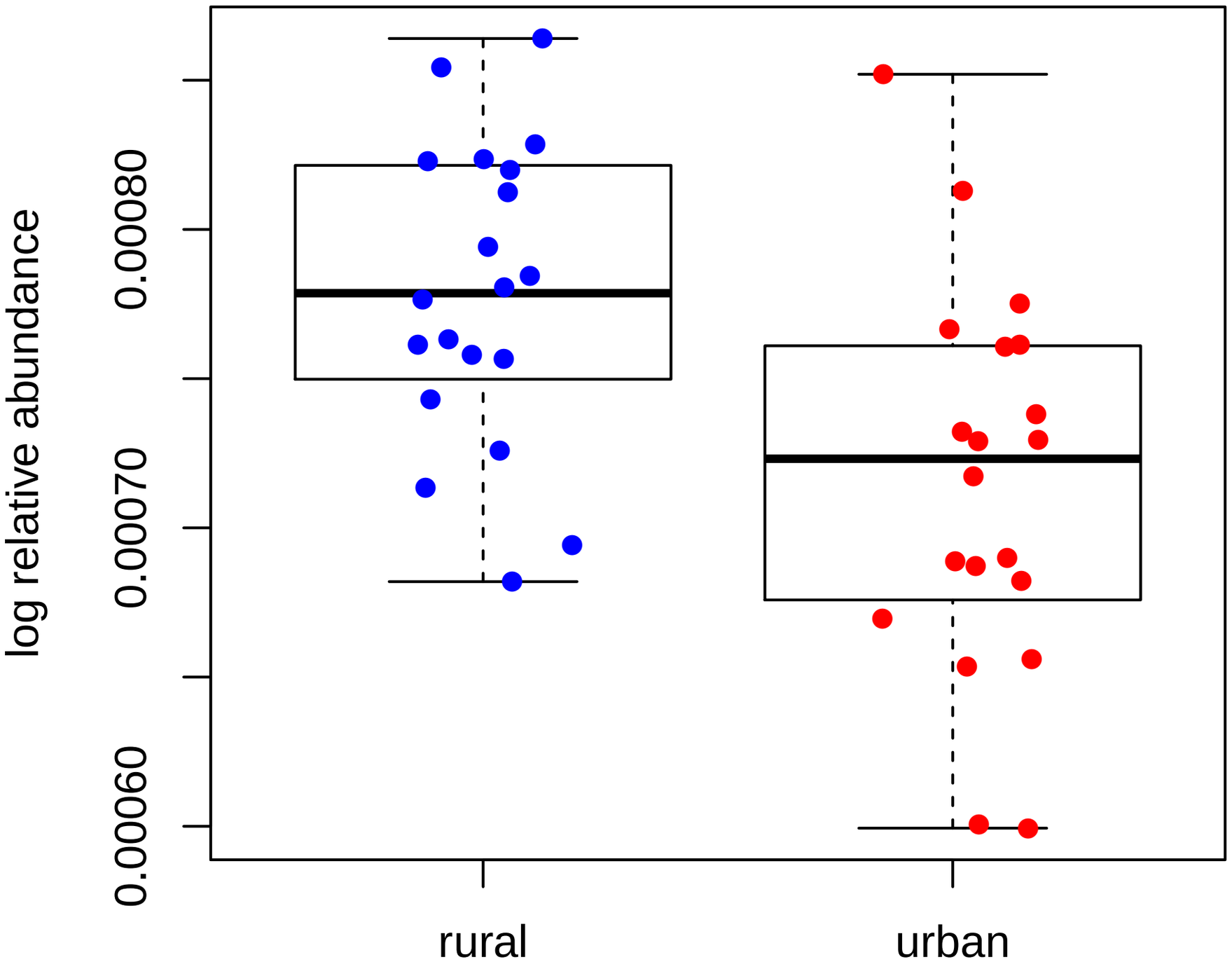

WGS pathway: ko03420
pAdjRuralUrban= 0.0151
log relative abundance
0.0085
0.0075
0.0065
rural
urban

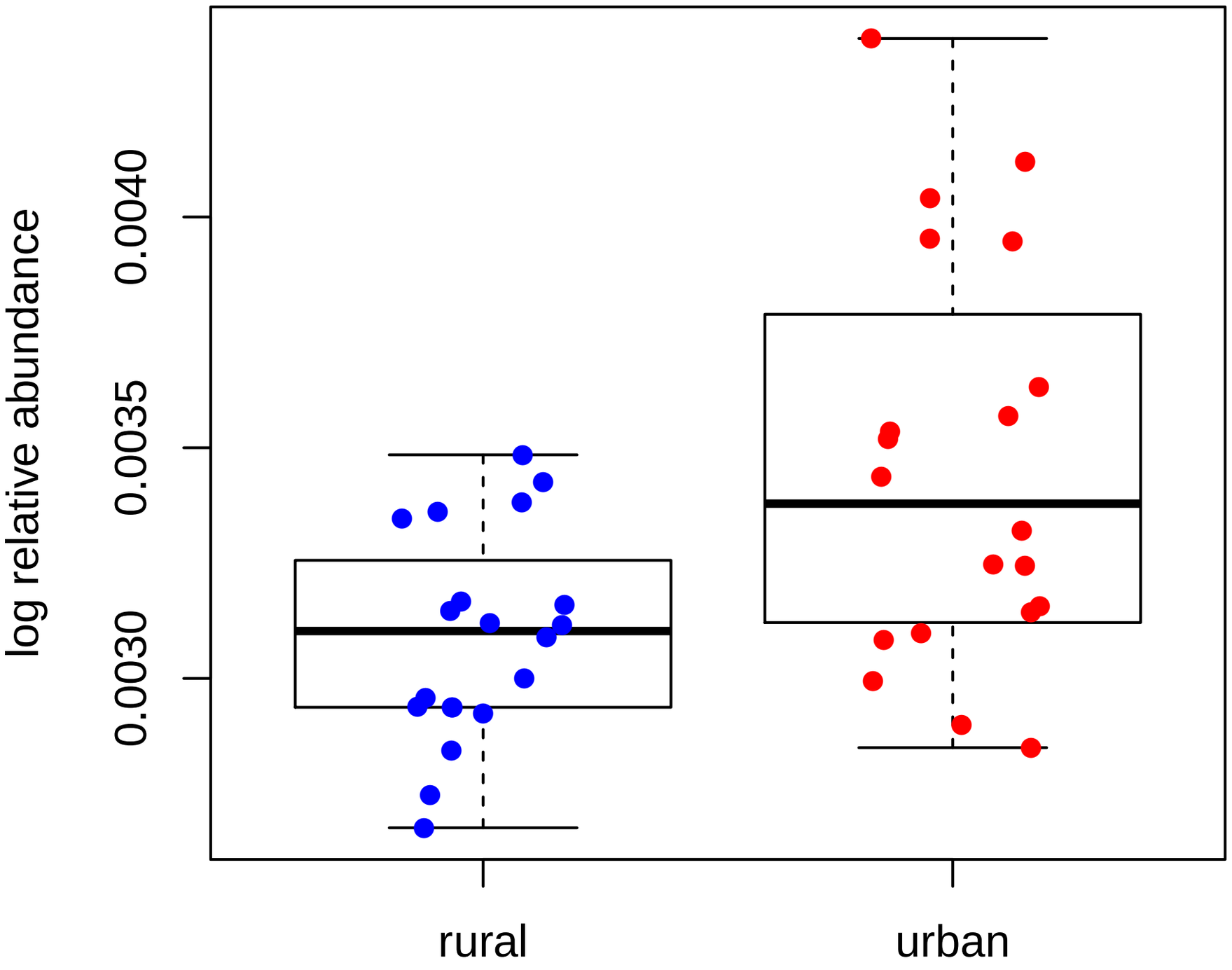

WGS pathway: ko00230
pAdjRuralUrban= 0.016
log relative abundance
0.0095
0.0100
0.0105
rural
urban

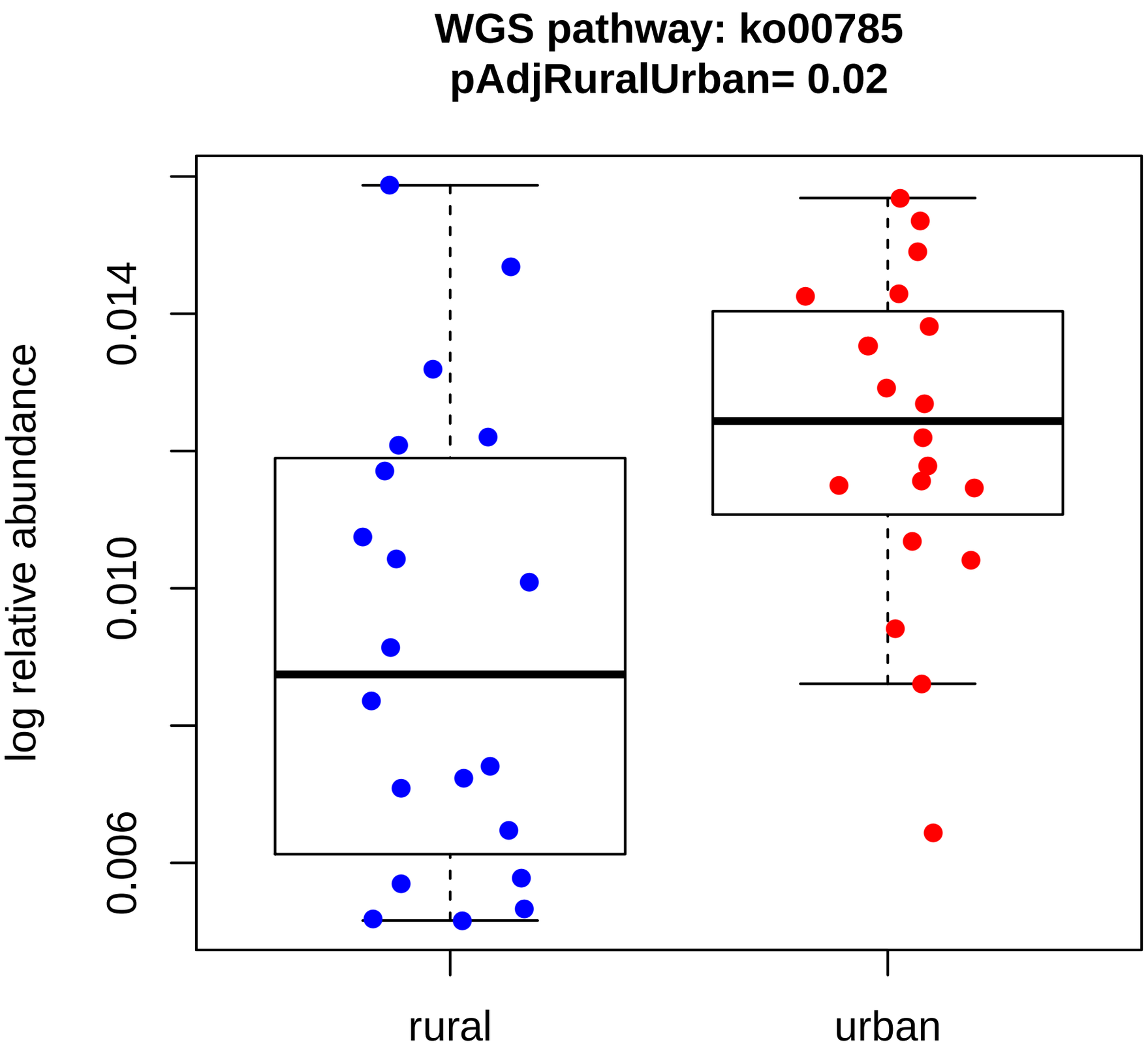

WGS pathway: ko00908
pAdjRuralUrban= 0.0174
log relative abundance
0.0060
0.0070
0.0080
rural
urban

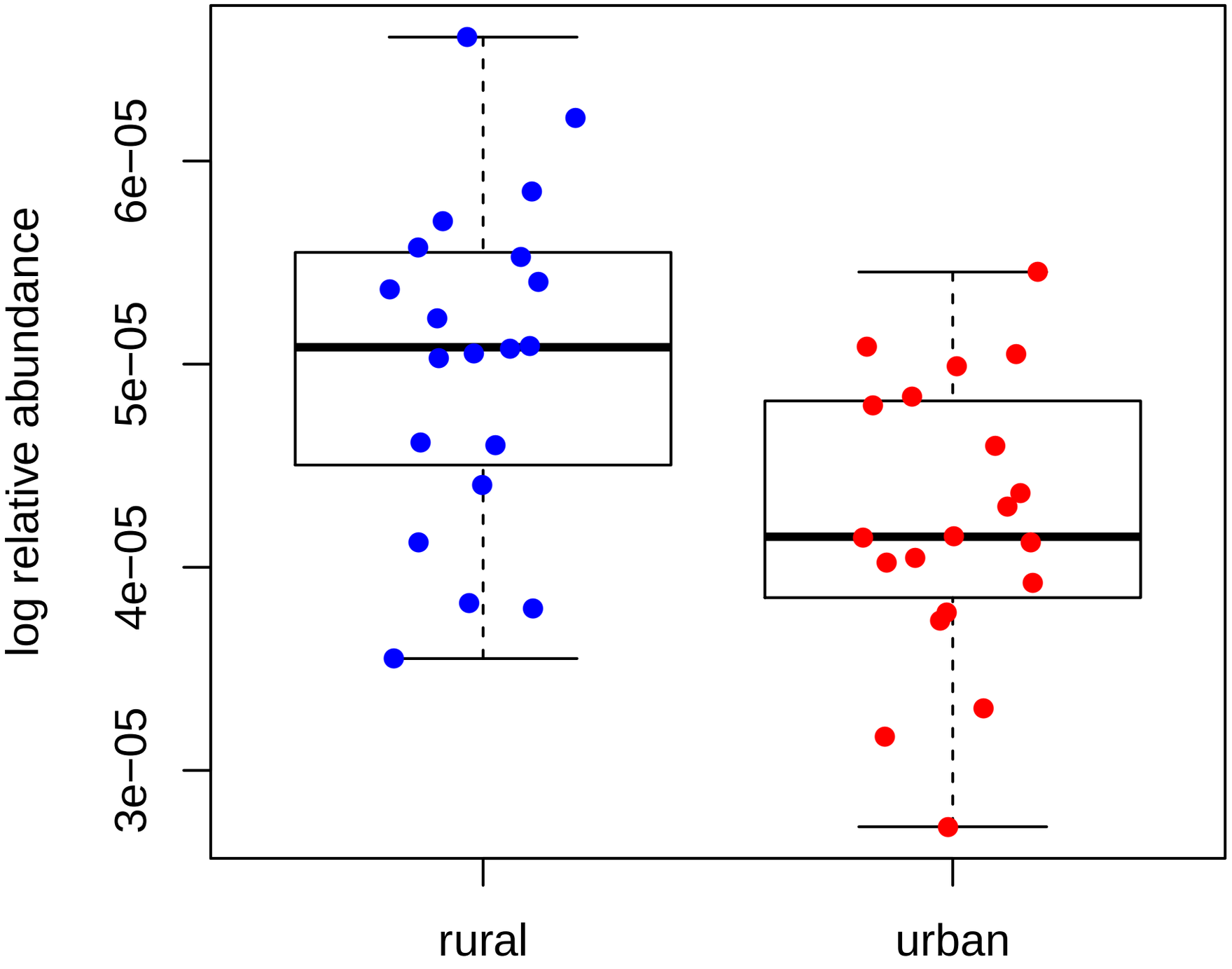

WGS pathway: ko00910
pAdjRuralUrban= 0.0174
log relative abundance
0.0065
0.0075
0.0085
rural
urban

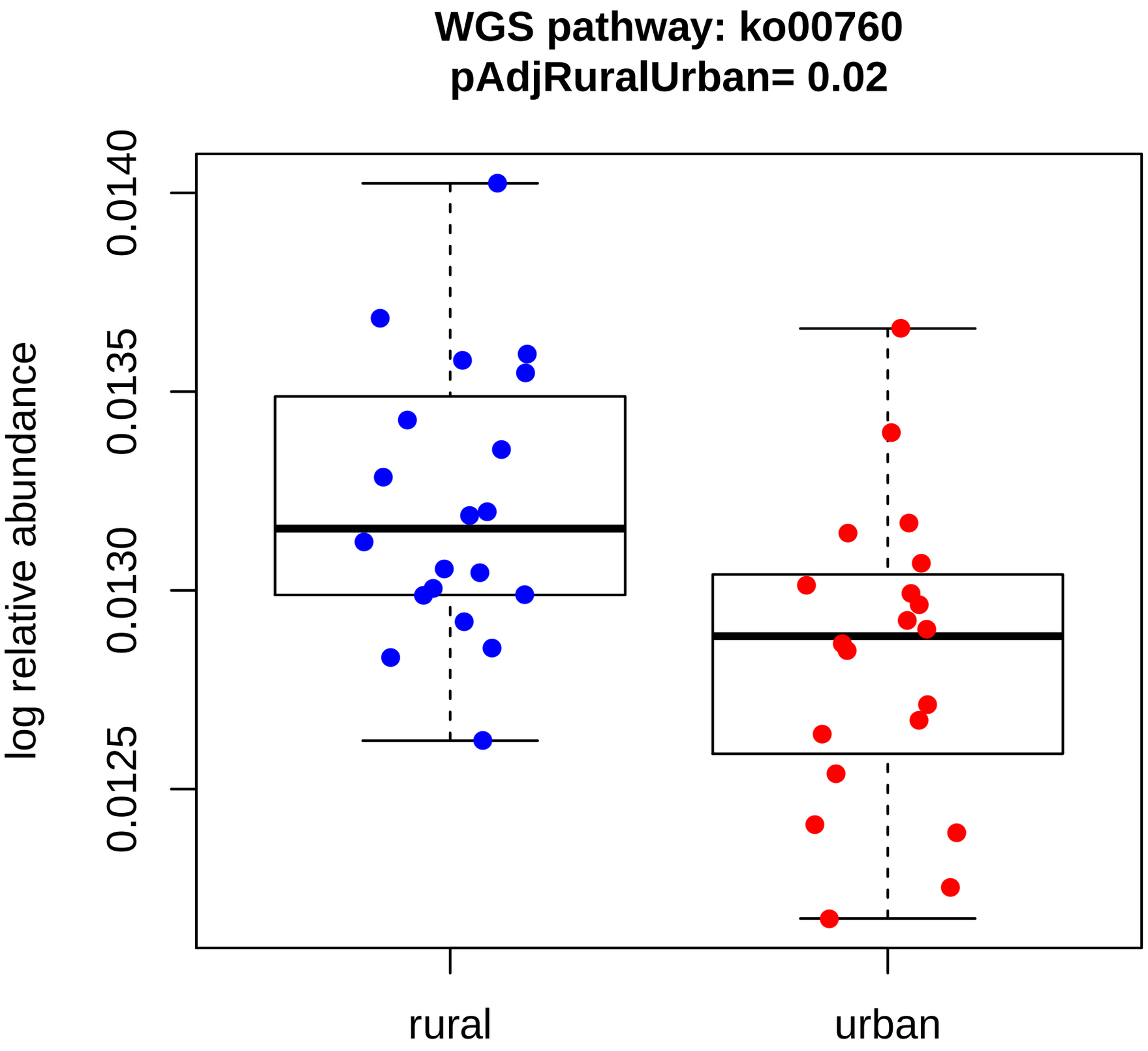

WGS pathway: ko00311
pAdjRuralUrban= 0.0174
log relative abundance
0.0010
0.0015
0.0020
rural
urban

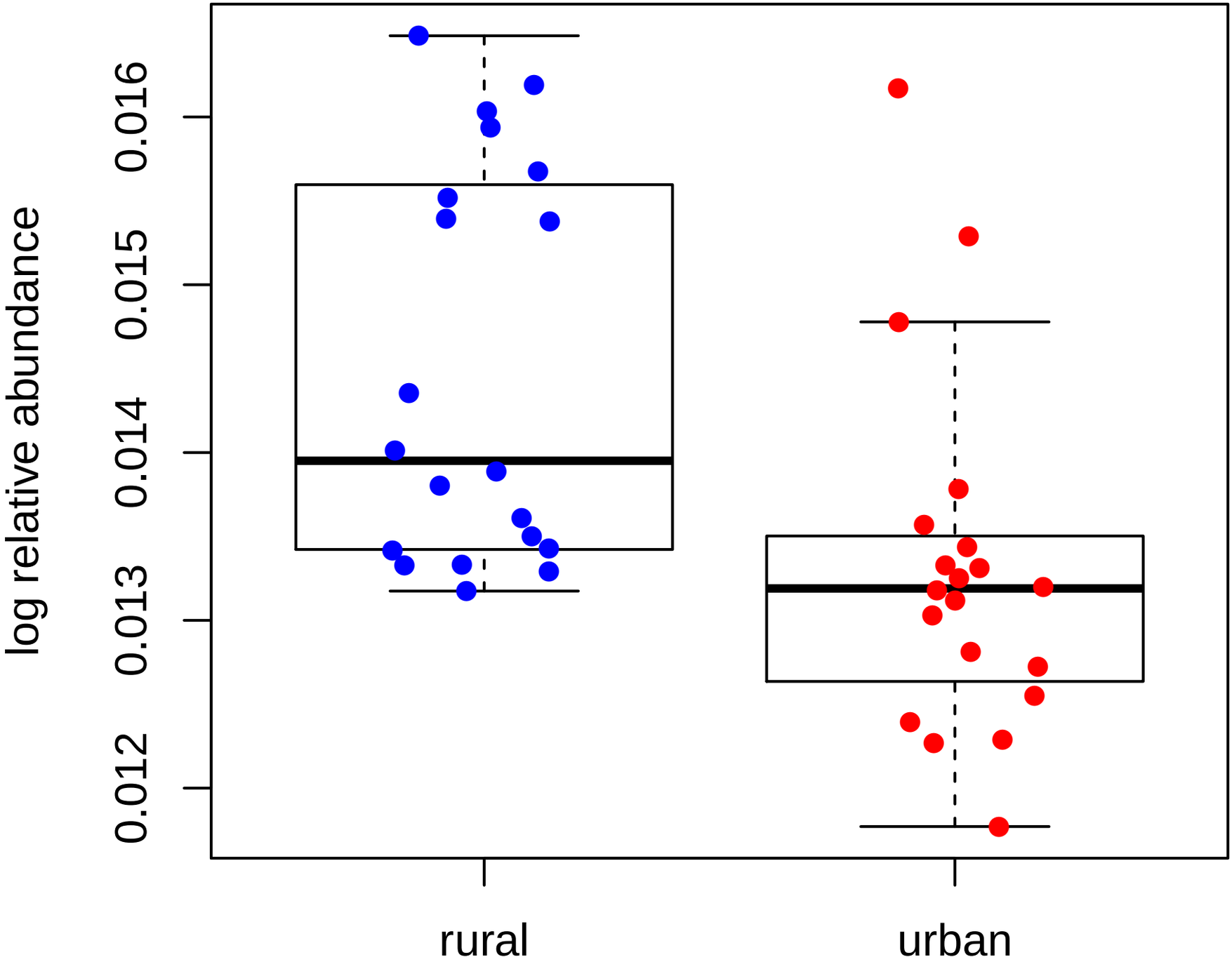

WGS pathway: ko04626
pAdjRuralUrban= 0.0182
log relative abundance
0.00060
0.00070
0.00080
rural
urban

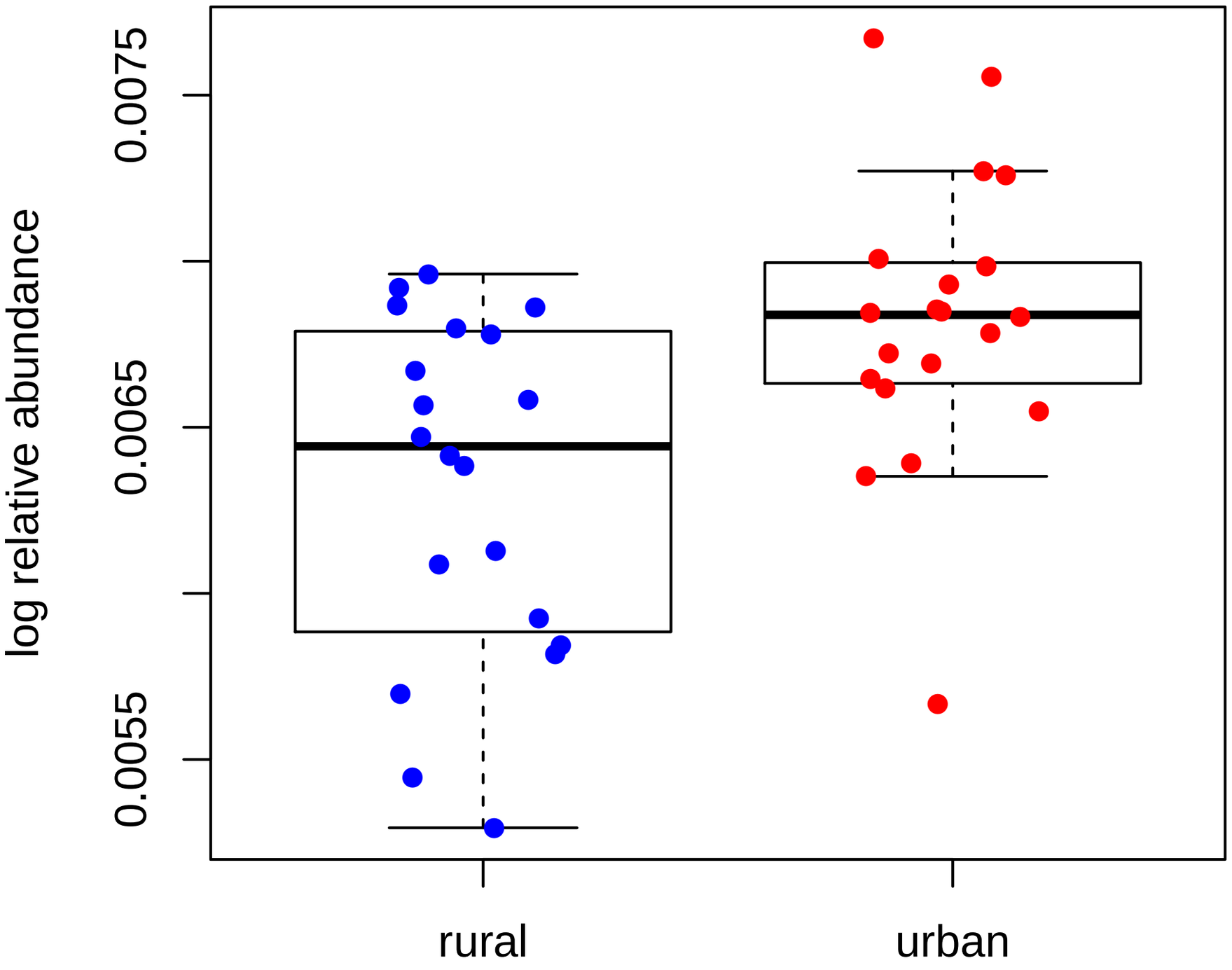

WGS pathway: ko00903
pAdjRuralUrban= 0.02
log relative abundance
0.0030
0.0035
0.0040
rural
urban

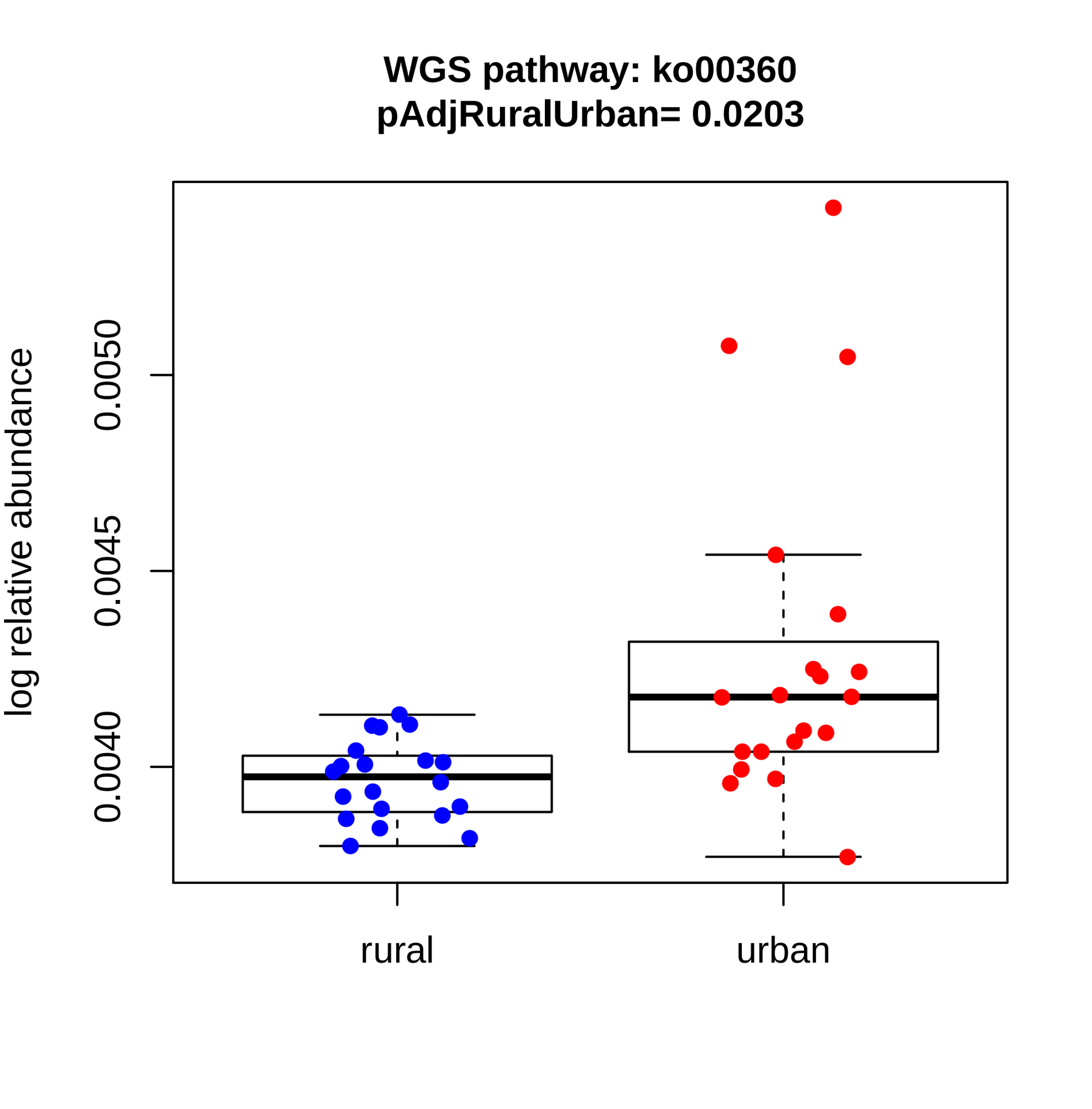

WGS pathway: ko00785
pAdjRuralUrban= 0.02
log relative abundance
0.006
0.010
0.014
rural
urban

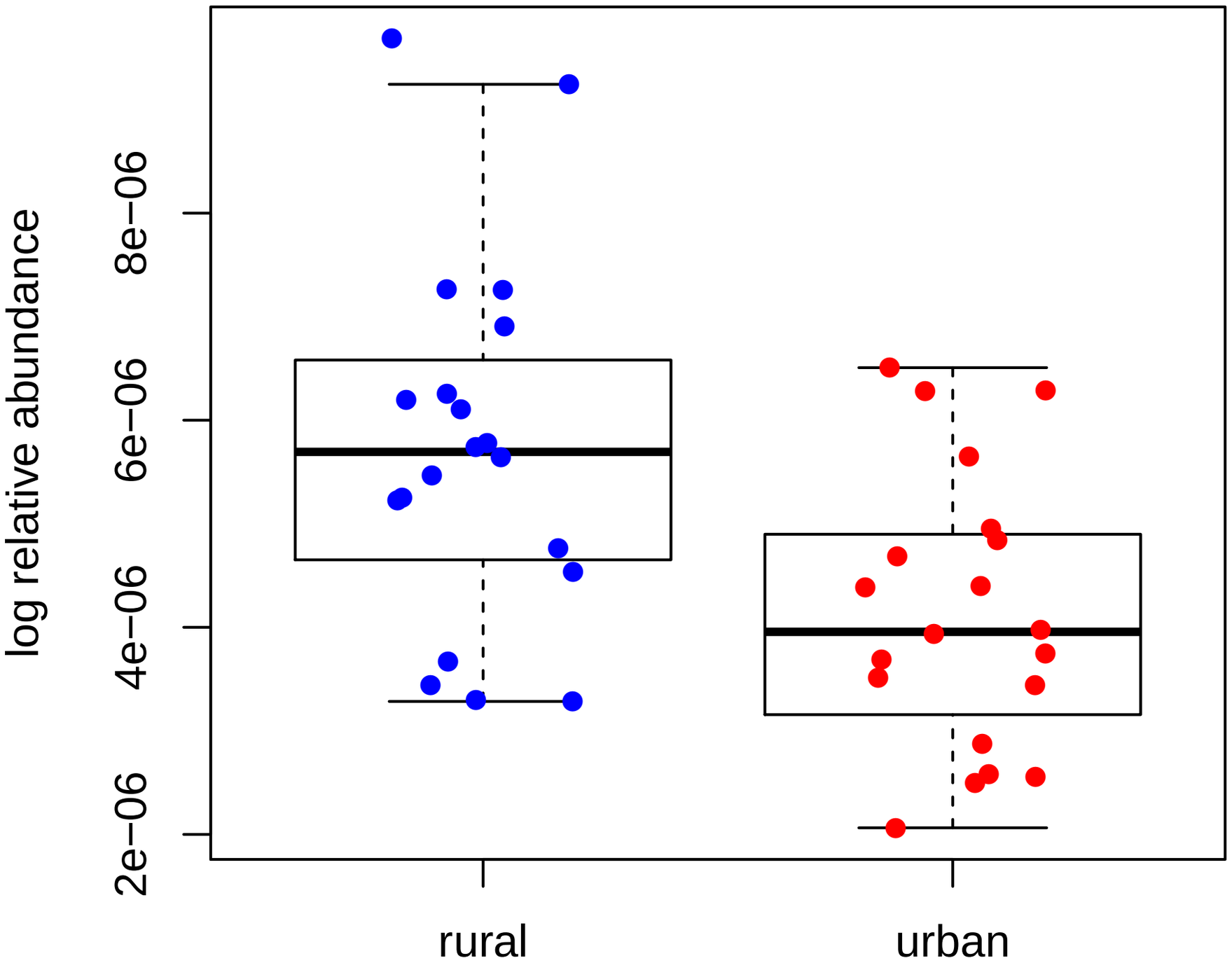

WGS pathway: ko04260
pAdjRuralUrban= 0.02
log relative abundance
3e−05
4e−05
5e−05
6e−05
rural
urban

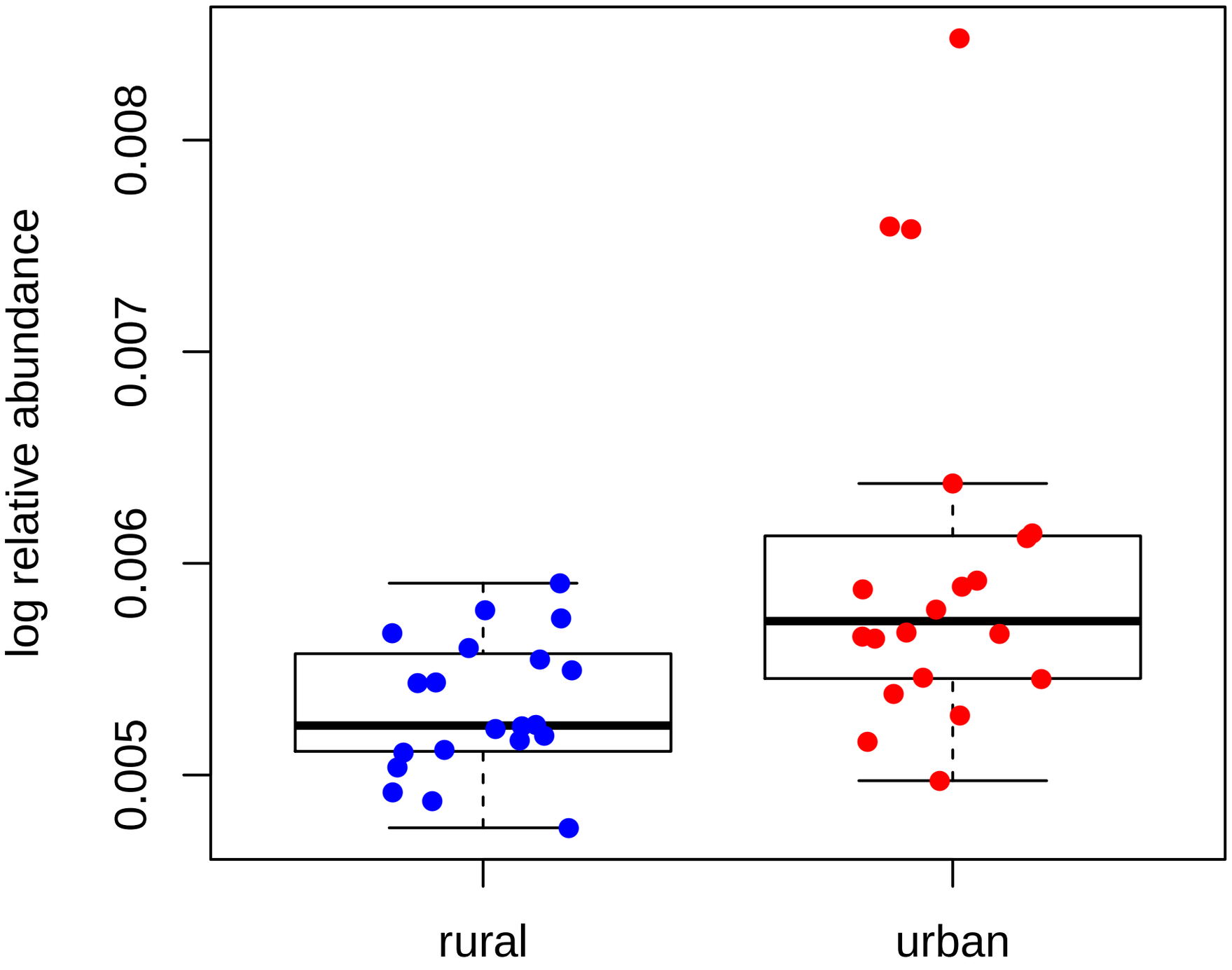

WGS pathway: ko00760
pAdjRuralUrban= 0.02
log relative abundance
0.01140
0.01135
0.01130
0.01125
rural
urban

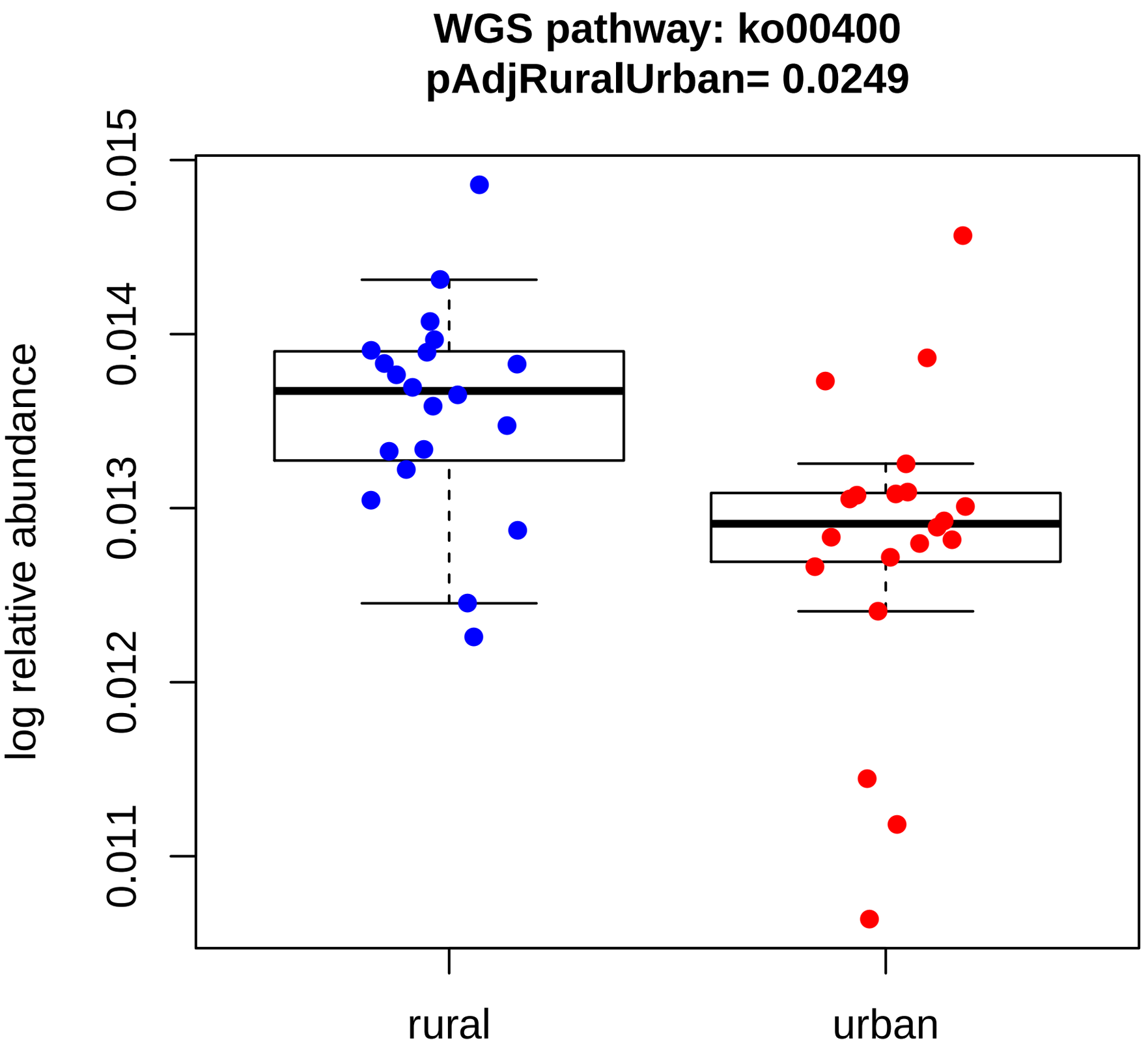

WGS pathway: ko00900
pAdjRuralUrban= 0.02
log relative abundance
0.012
0.013
0.014
0.015
0.016
rural
urban

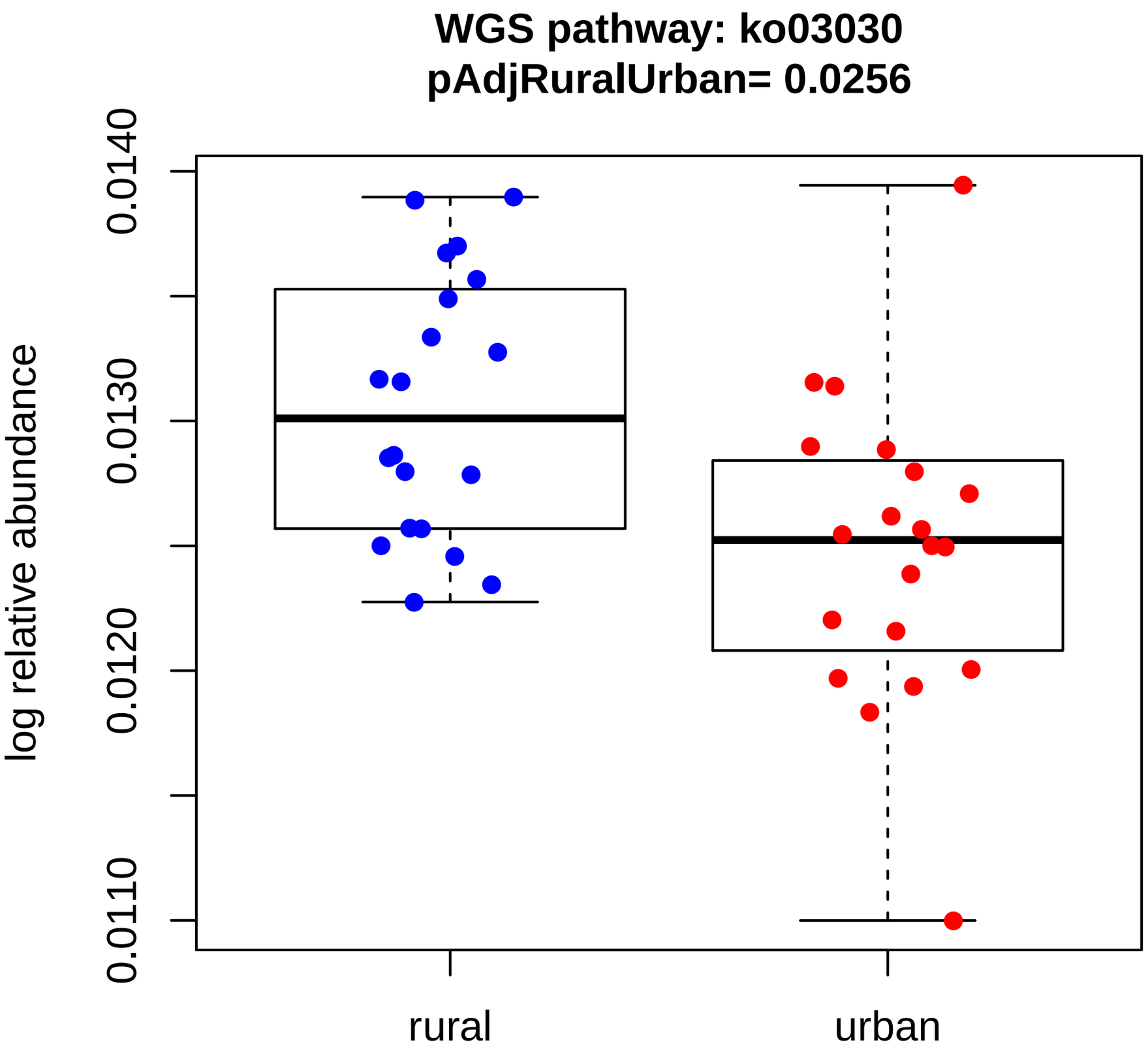

WGS pathway: ko00640
pAdjRuralUrban= 0.0203
log relative abundance
0.0075
0.0065
0.0055
rural
urban

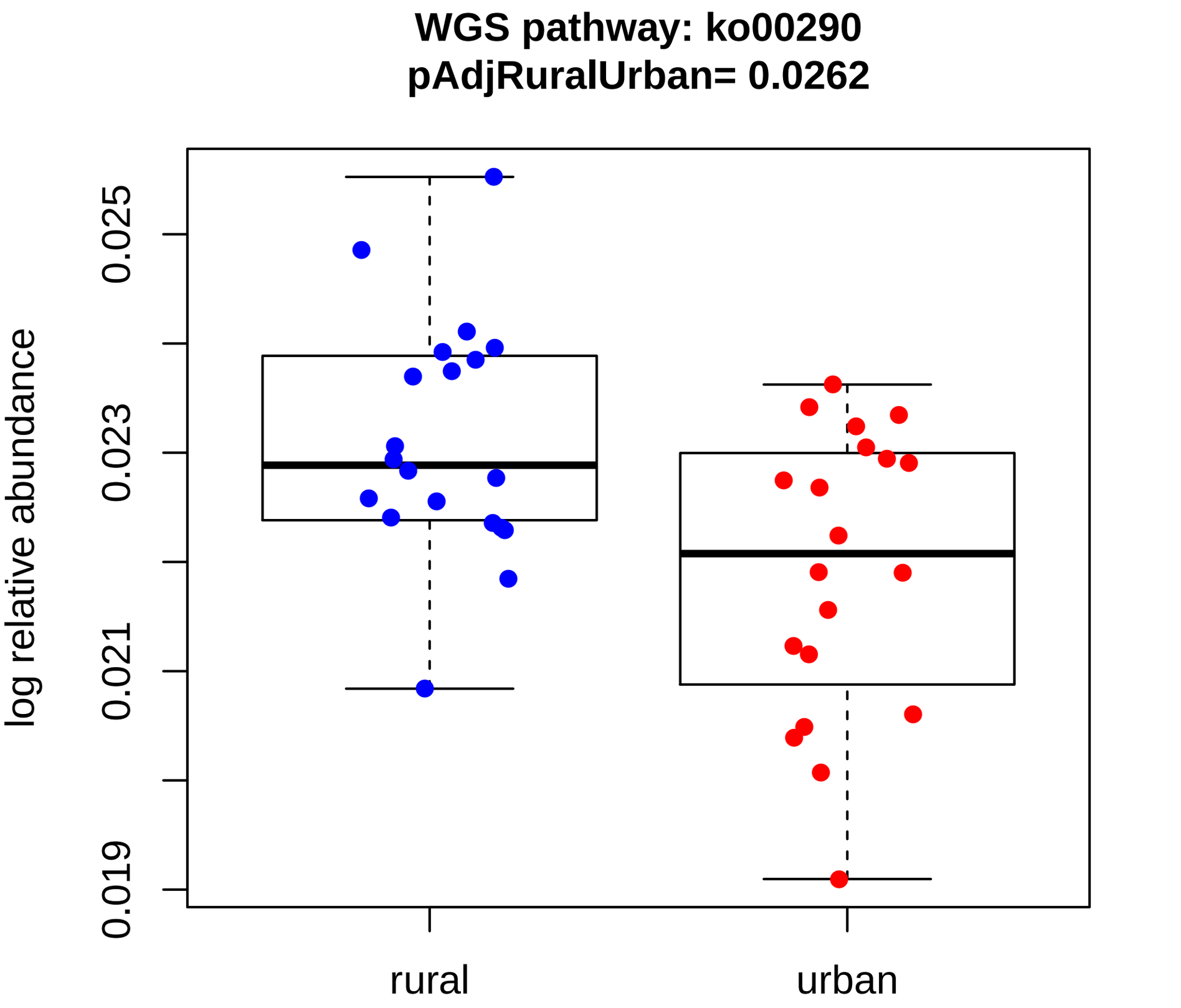

WGS pathway: ko00360
pAdjRuralUrban= 0.0203
log relative abundance
0.0040
0.0045
0.0050
rural
urban

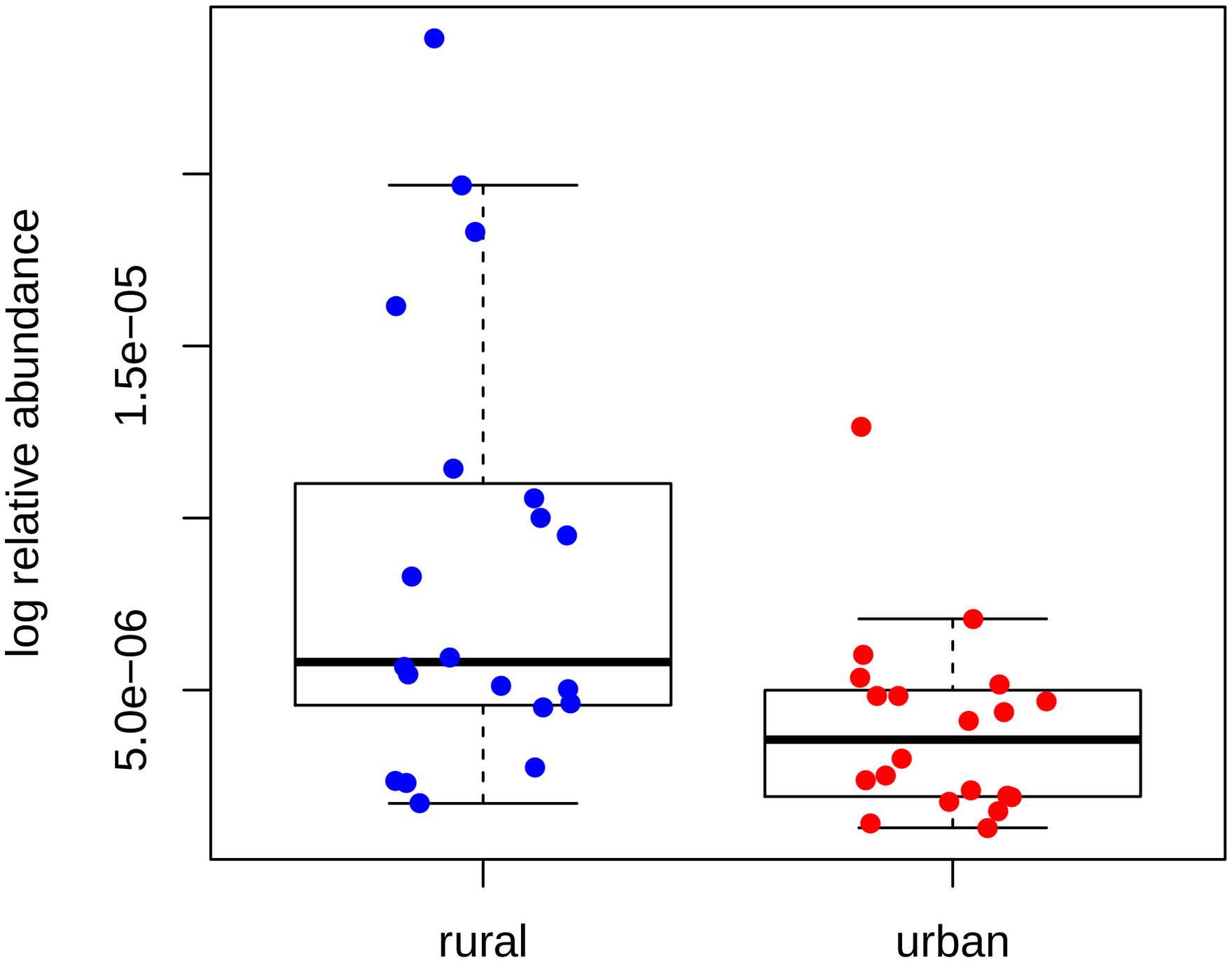

WGS pathway: ko04510
pAdjRuralUrban= 0.0214
log relative abundance
2e−06
4e−06
6e−06
8e−06
rural
urban

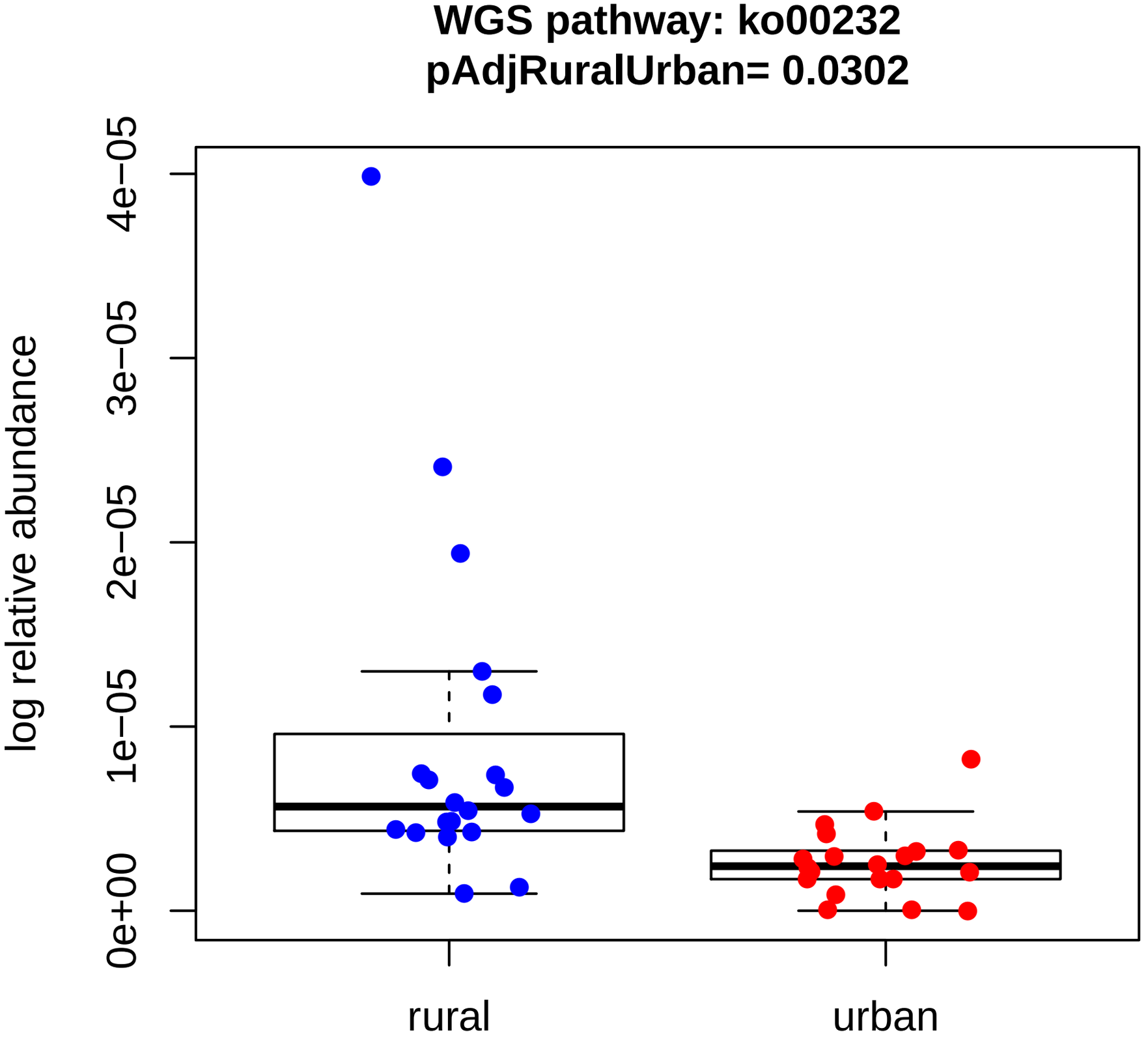

WGS pathway: ko00480
pAdjRuralUrban= 0.0232
log relative abundance
0.005
0.006
0.007
0.008
rural
urban

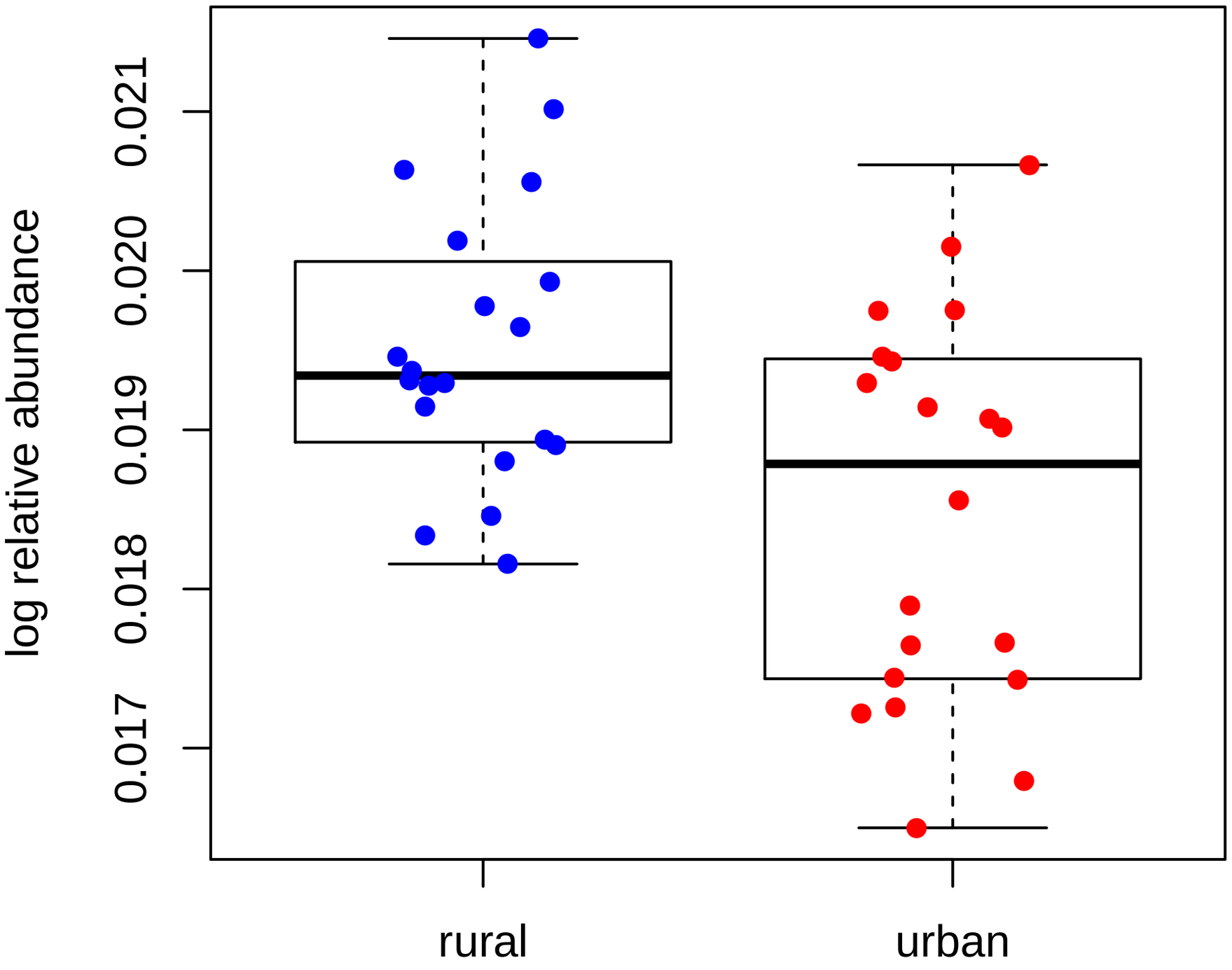

WGS pathway: ko00400
pAdjRuralUrban= 0.0249
log relative abundance
0.011
0.012
0.013
0.014
0.015
rural
urban

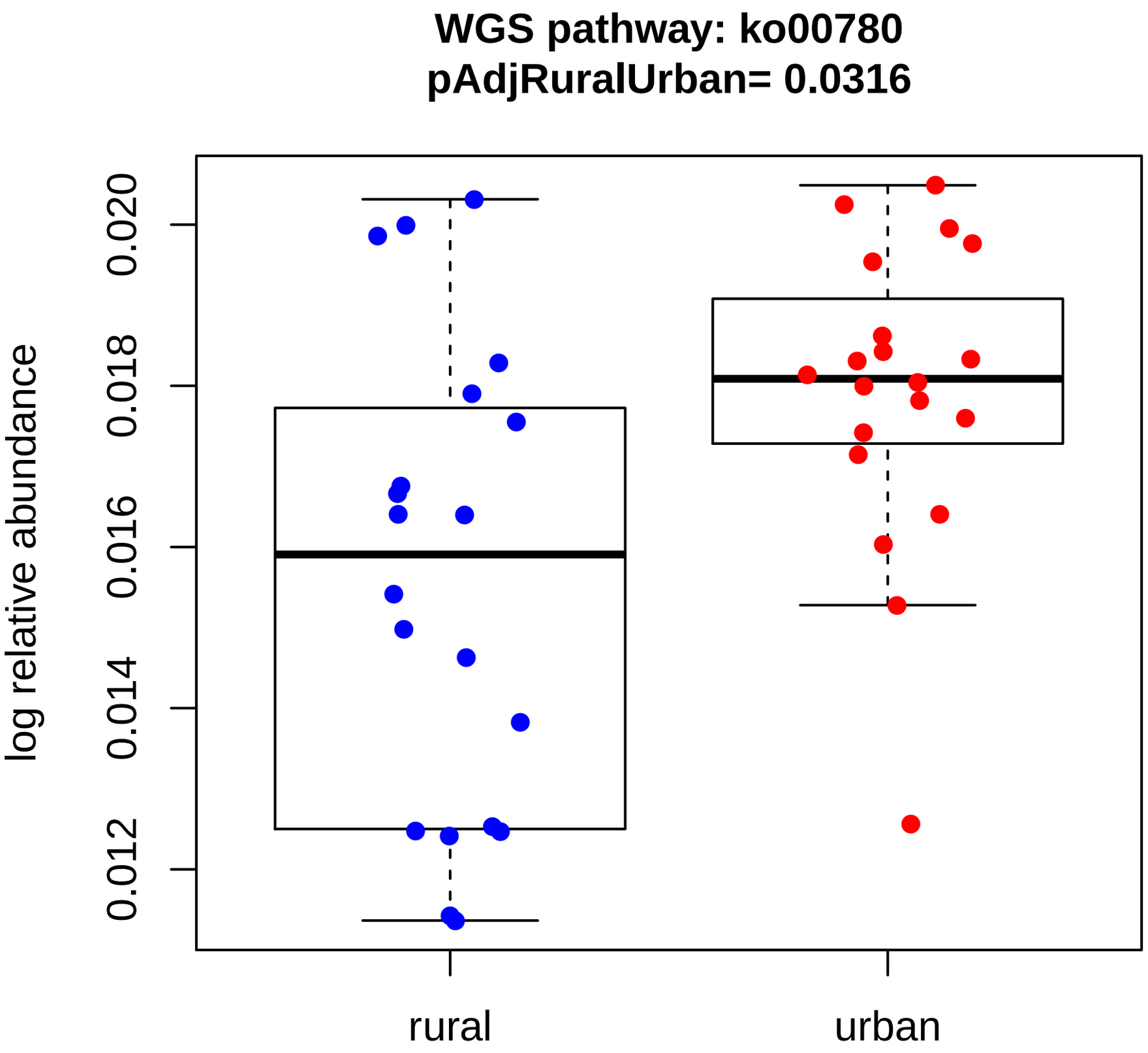

WGS pathway: ko03030
pAdjRuralUrban= 0.0256
log relative abundance
0.01140
0.01130
0.01120
0.01110
rural
urban

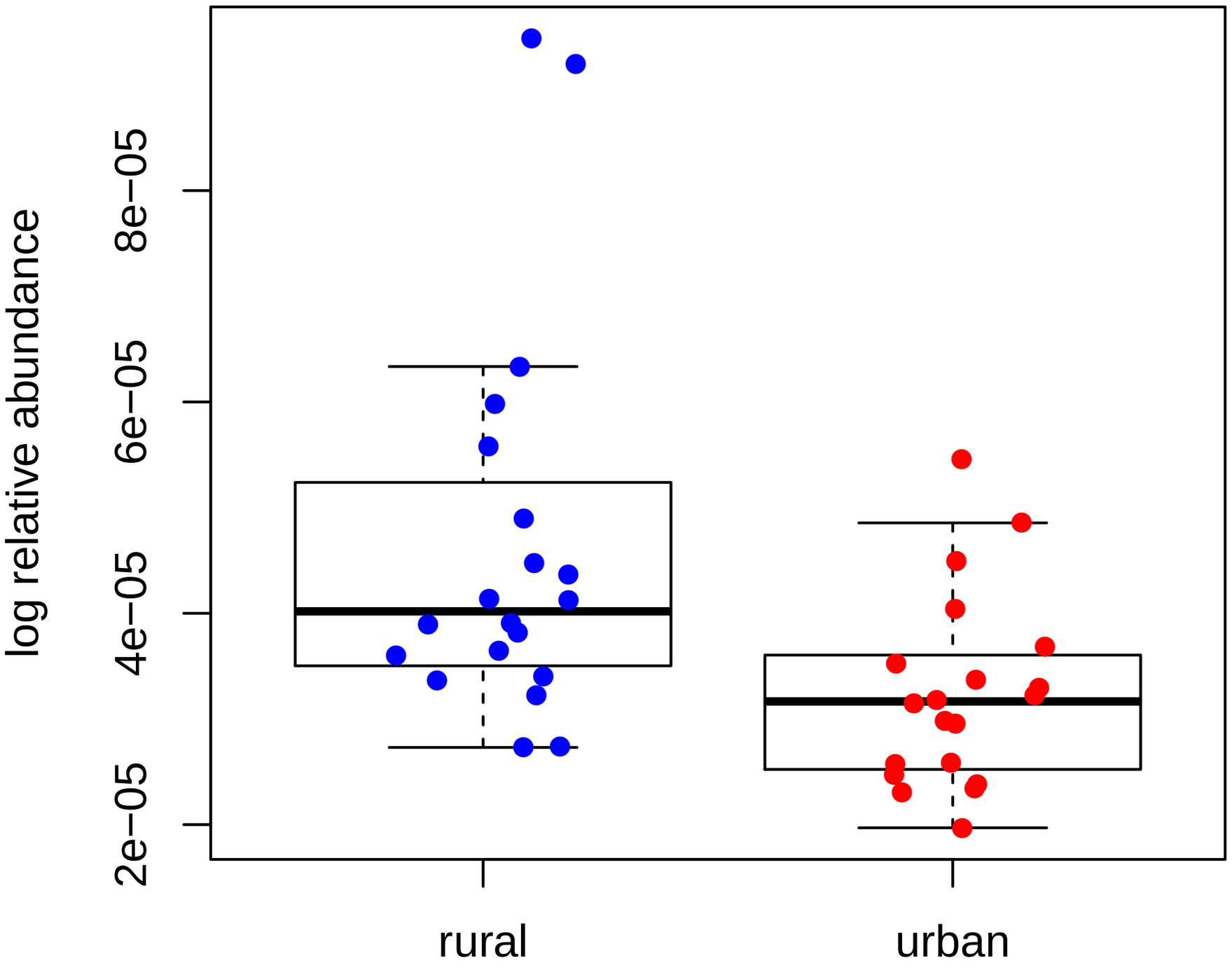

WGS pathway: ko00290
pAdjRuralUrban= 0.0262
log relative abundance
0.025
0.023
0.021
0.019
rural
urban

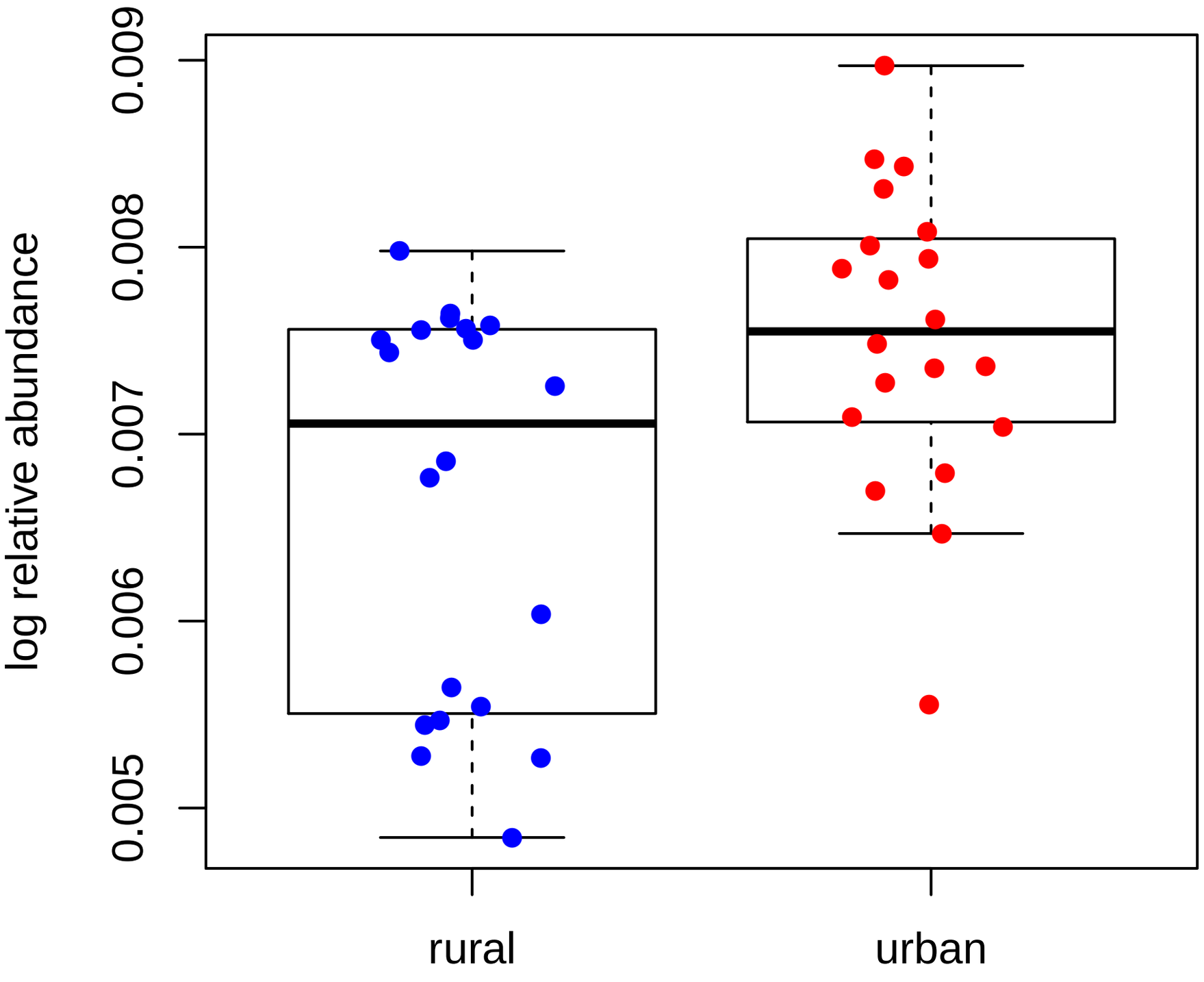

WGS pathway: ko00982
pAdjRuralUrban= 0.0302
log relative abundance
5.0e−06
1.5e−05
rural
urban

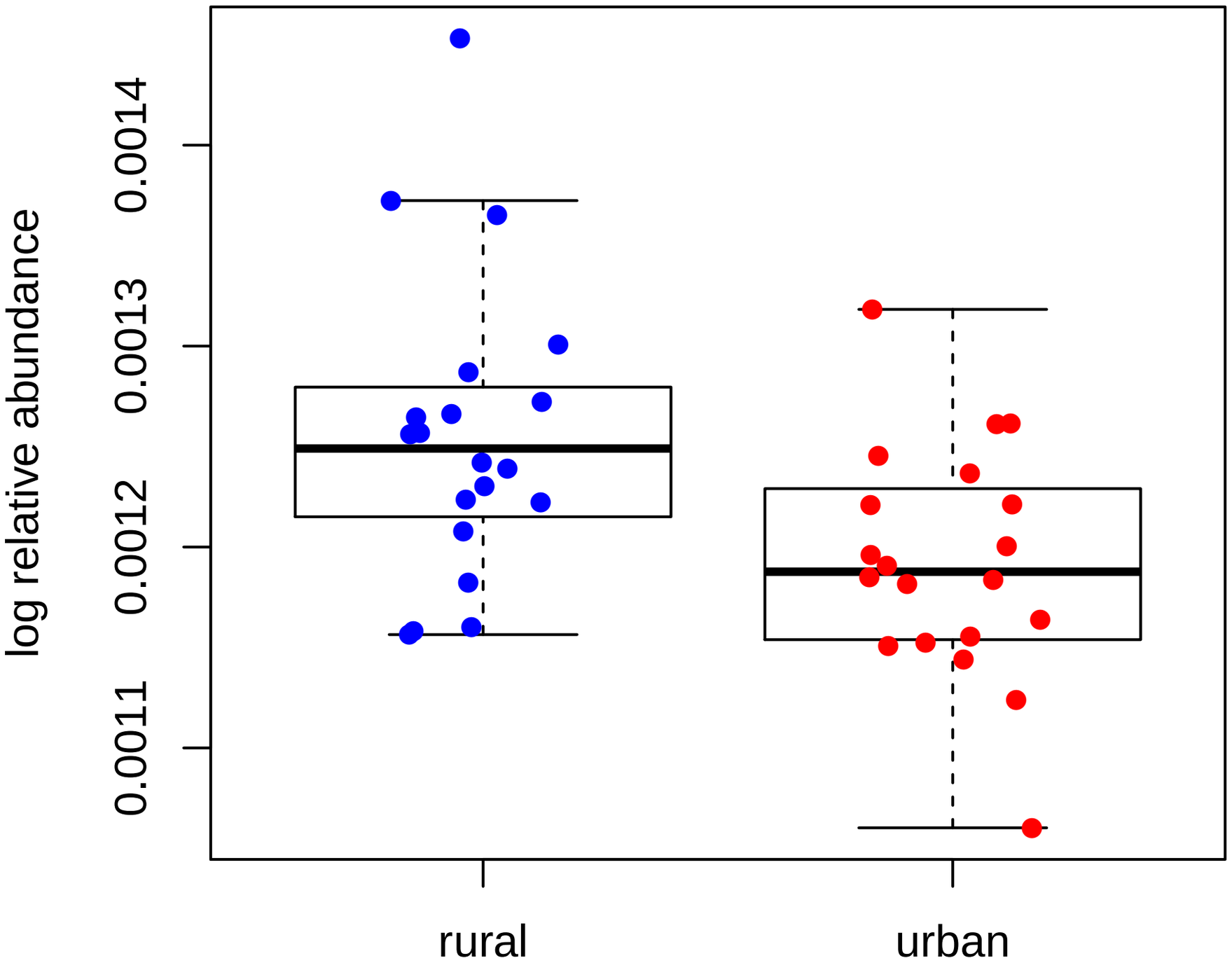

WGS pathway: ko00232
pAdjRuralUrban= 0.0302
log relative abundance
0e+00
1e−05
2e−05
3e−05
4e−05
rural
urban

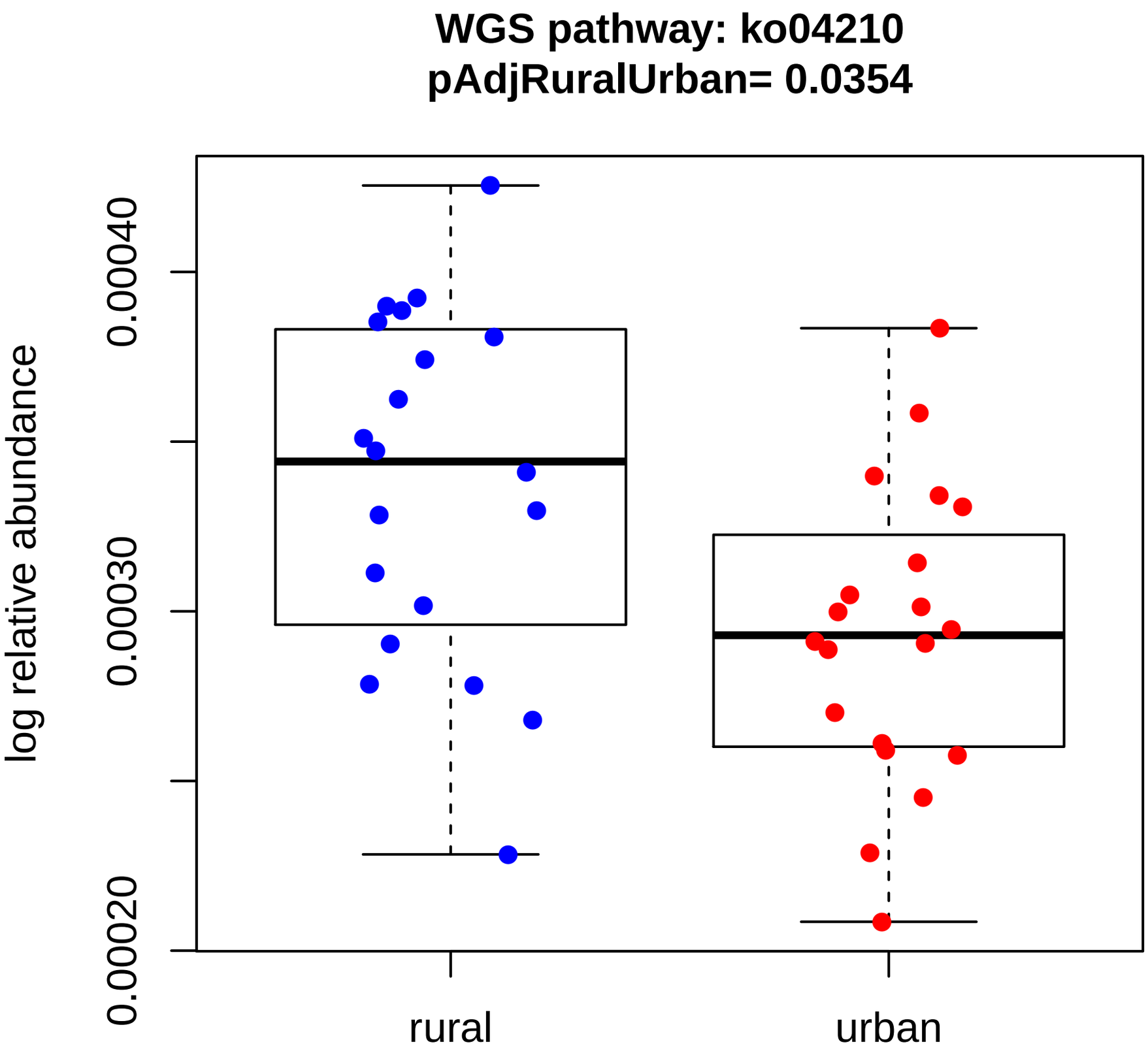

WGS pathway: ko00730
pAdjRuralUrban= 0.0307
log relative abundance
0.017
0.018
0.019
0.020
0.021
rural
urban

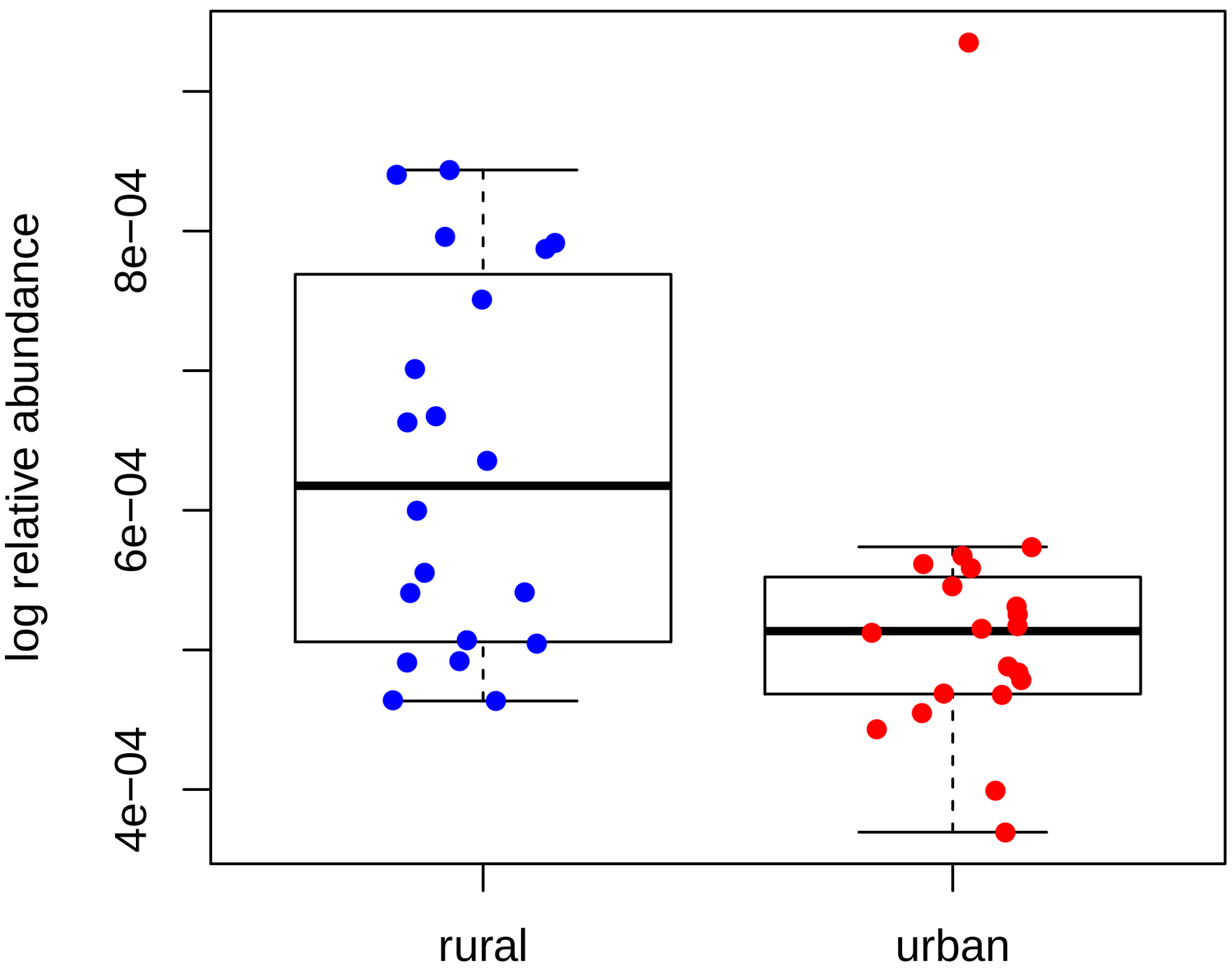

WGS pathway: ko00780
pAdjRuralUrban= 0.0316
log relative abundance
0.012
0.014
0.016
0.018
0.020
rural
urban

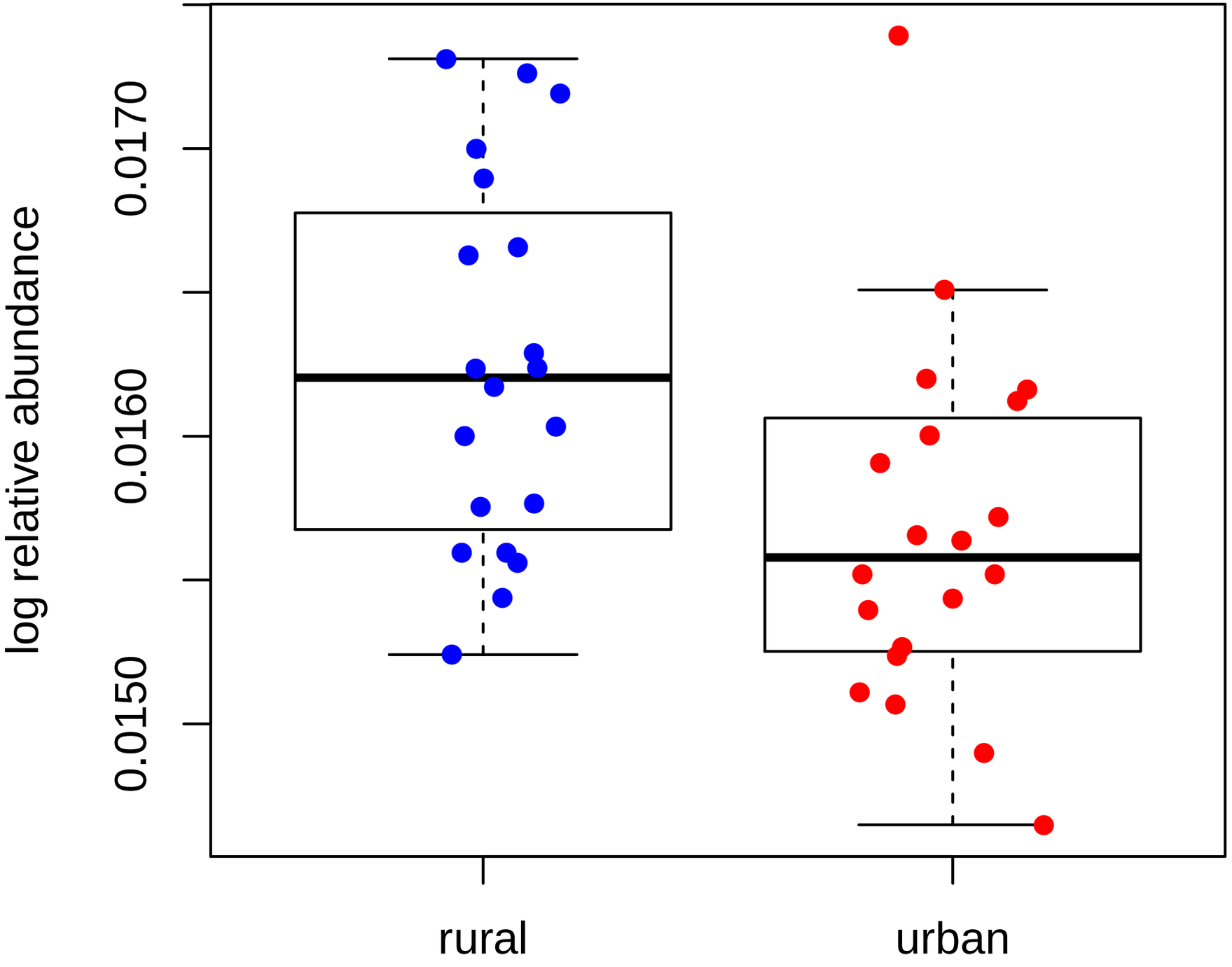

WGS pathway: ko04623
pAdjRuralUrban= 0.0316
log relative abundance
2e−05
4e−05
6e−05
8e−05
rural
urban

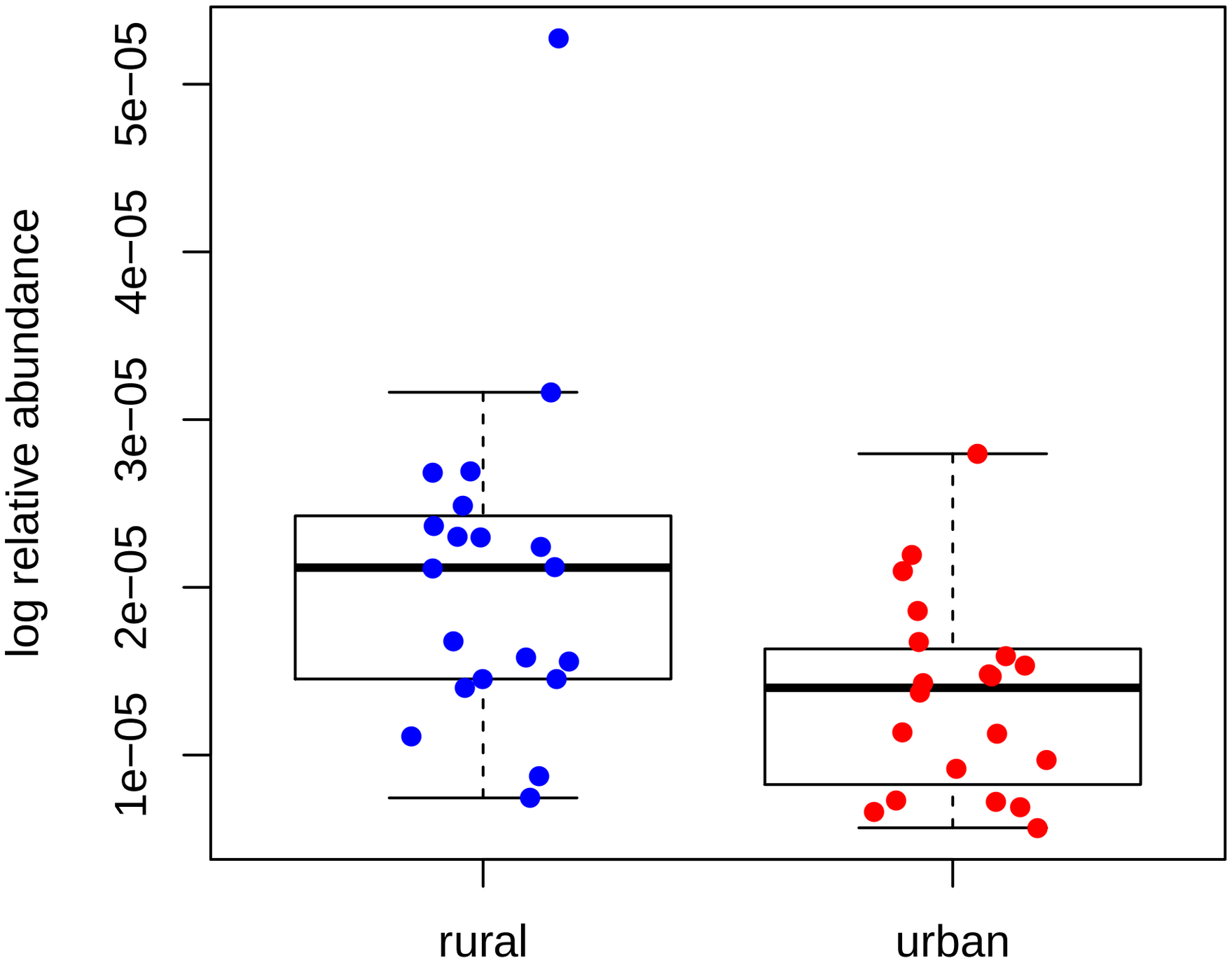

WGS pathway: ko00860
pAdjRuralUrban= 0.0316
log relative abundance
0.005
0.006
0.007
0.008
0.009
rural
urban

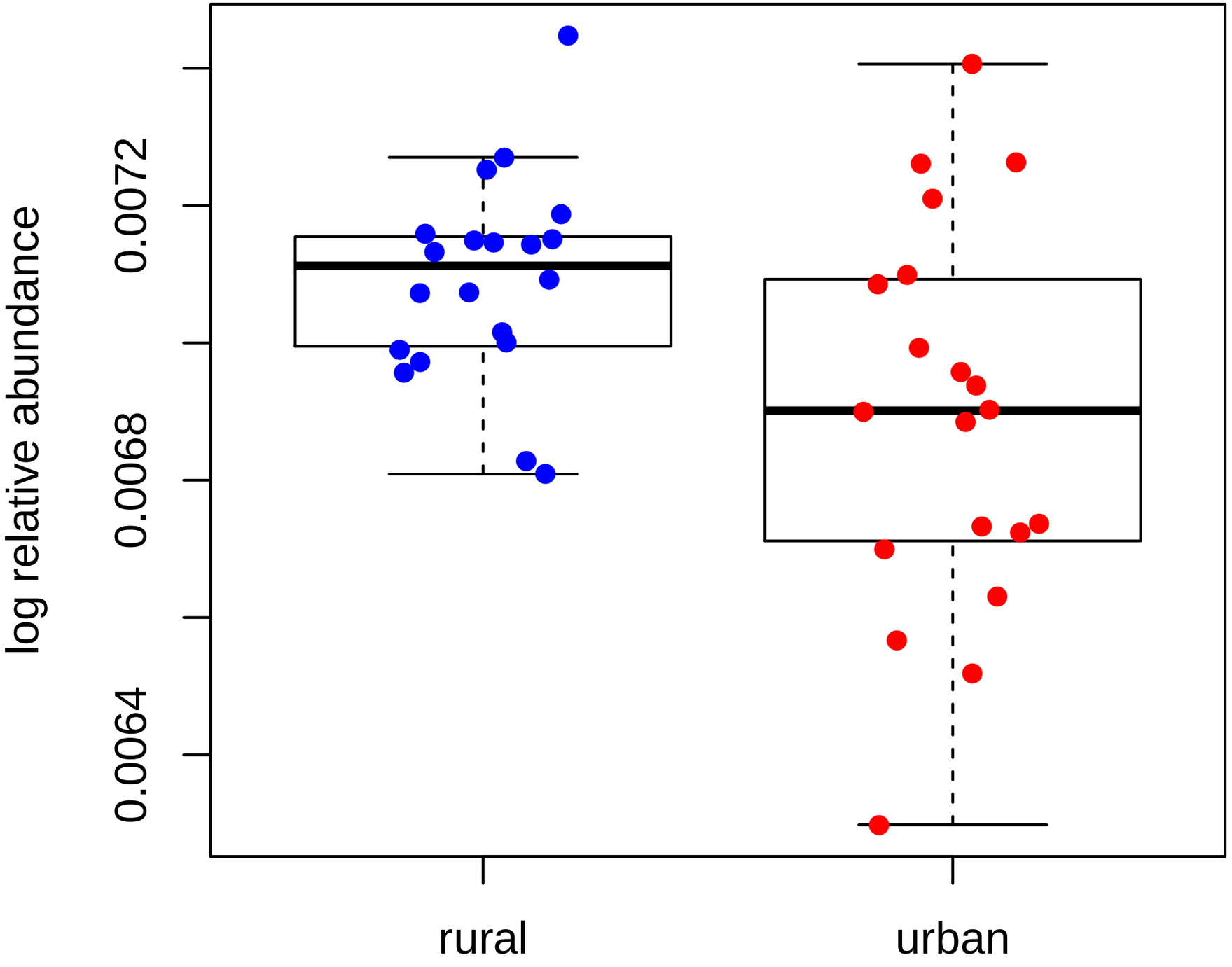

WGS pathway: ko03008
pAdjRuralUrban= 0.0326
log relative abundance
0.0011
0.0012
0.0013
0.0014
rural
urban

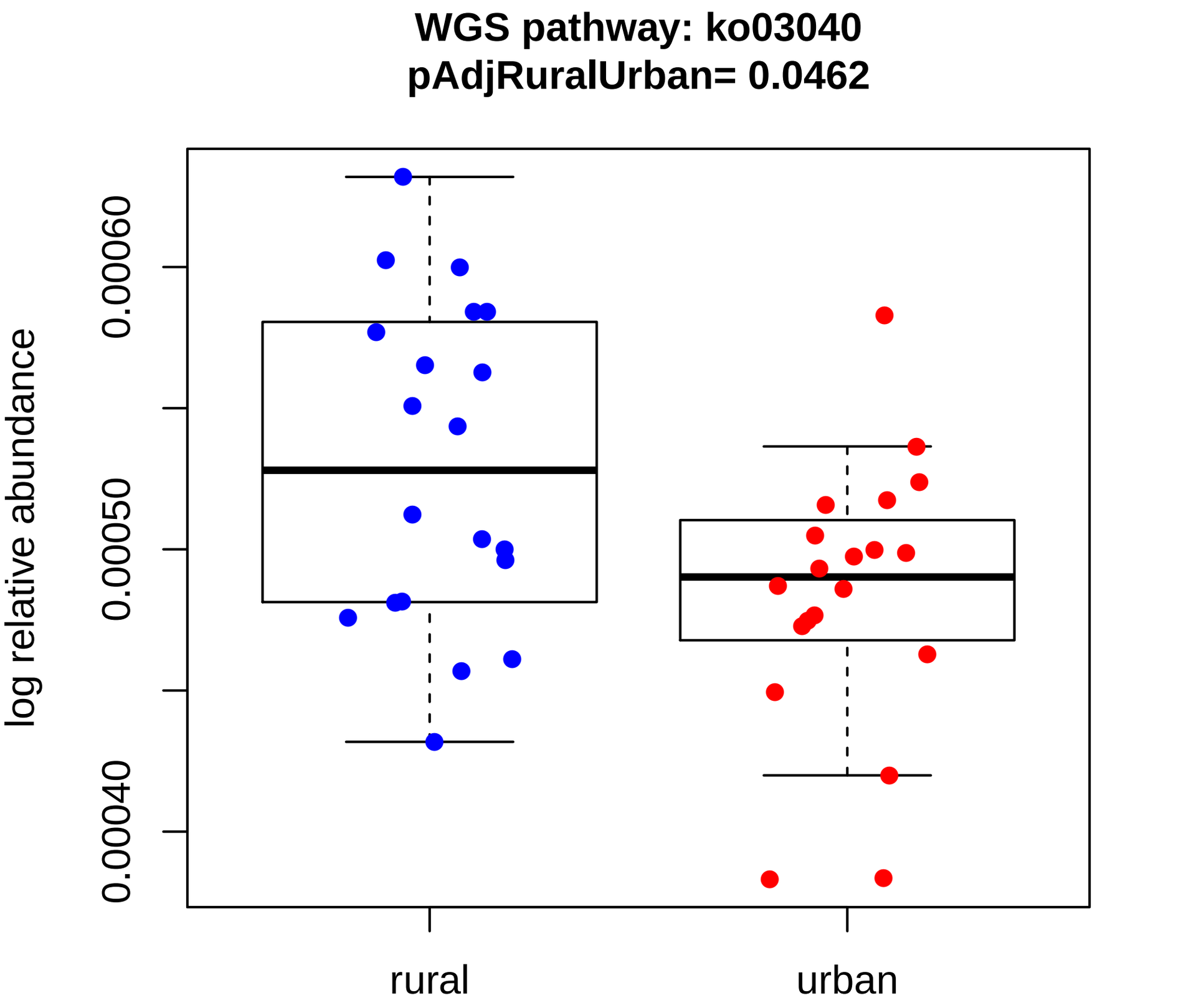

WGS pathway: ko04210
pAdjRuralUrban= 0.0354
log relative abundance
0.00040
0.00030
0.00020
rural
urban

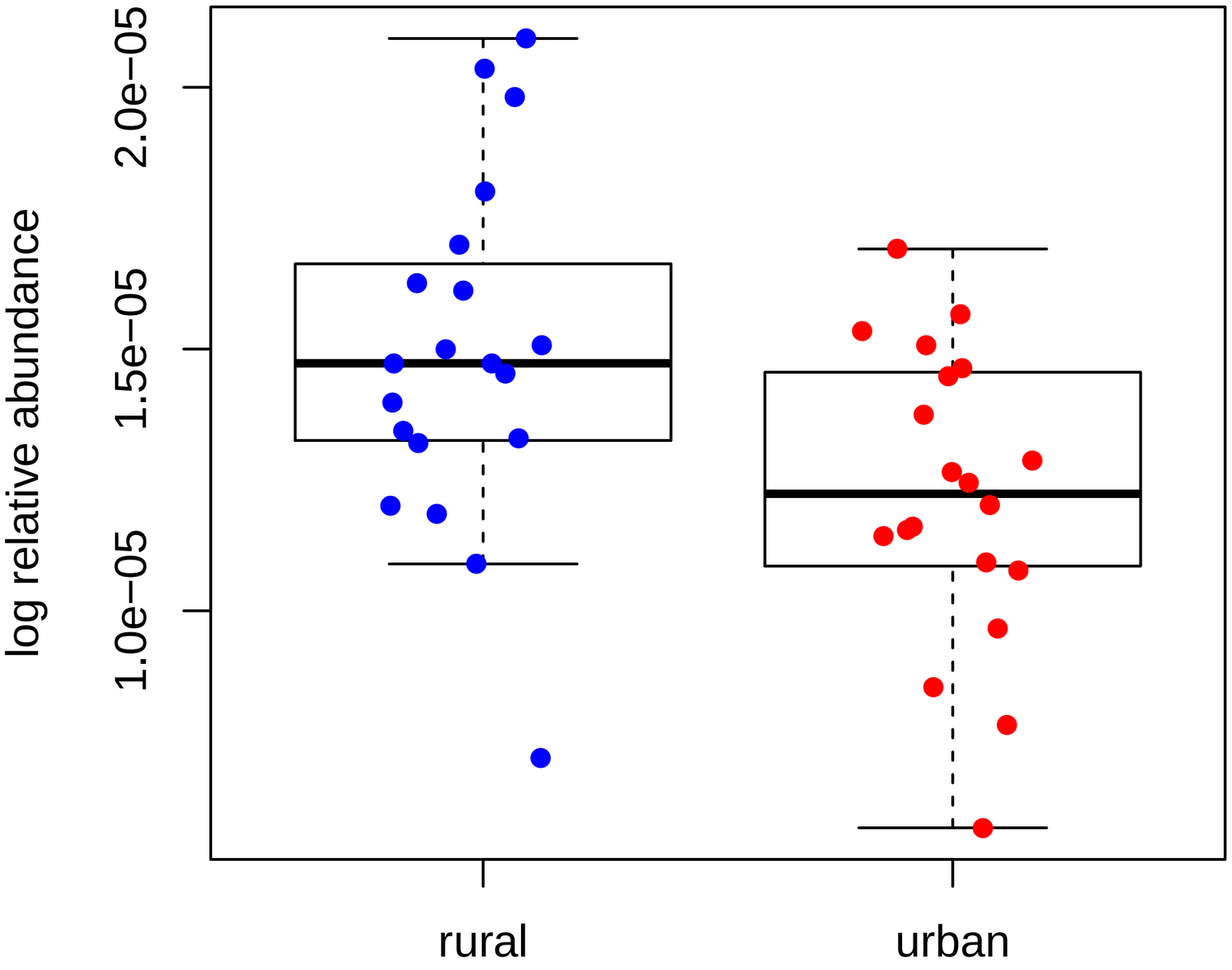

WGS pathway: ko03050
pAdjRuralUrban= 0.0419
log relative abundance
4e−04
6e−04
8e−04
rural
urban

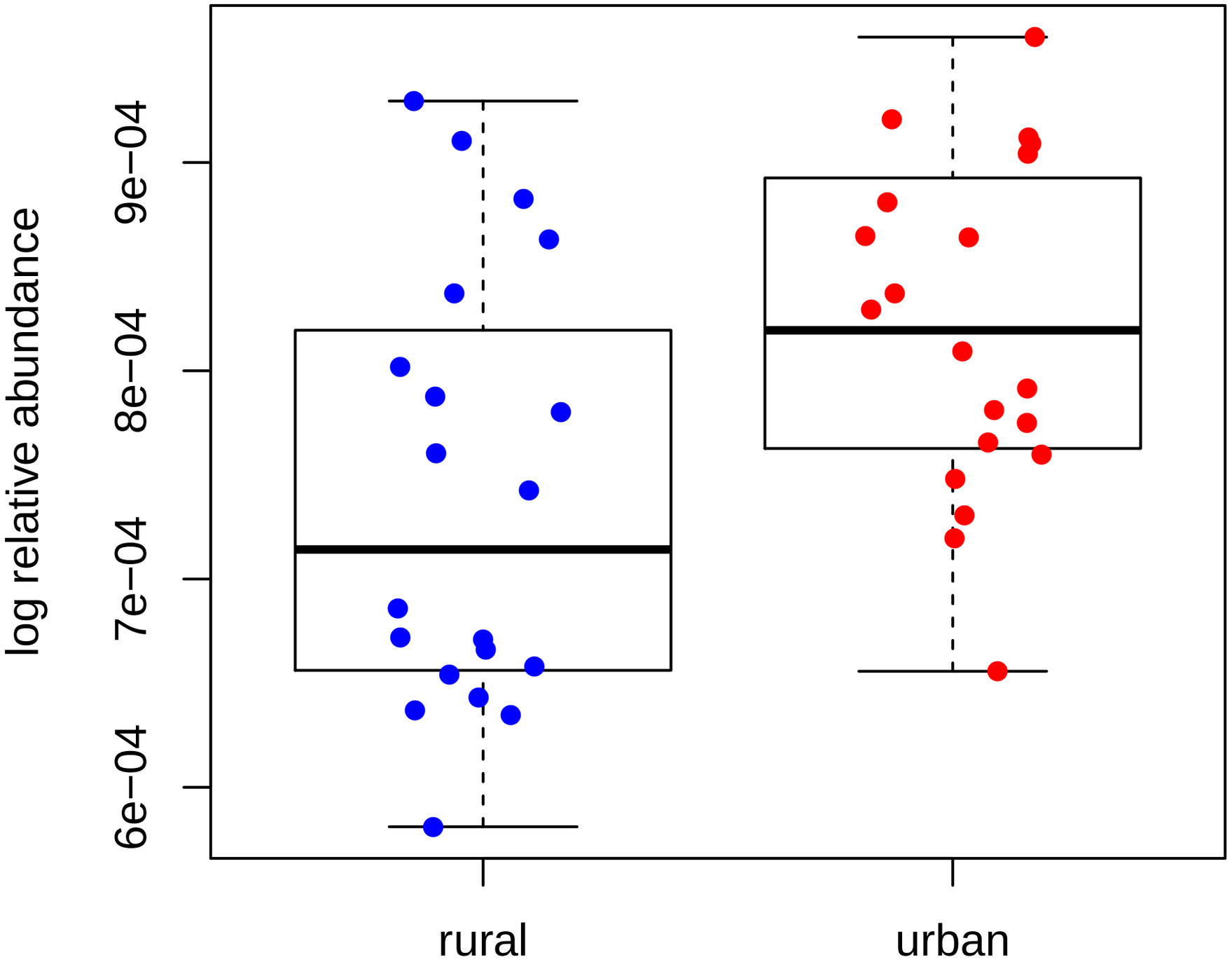

WGS pathway: ko03430
pAdjRuralUrban= 0.0438
log relative abundance
0.0150
0.0160
0.0170
rural
urban

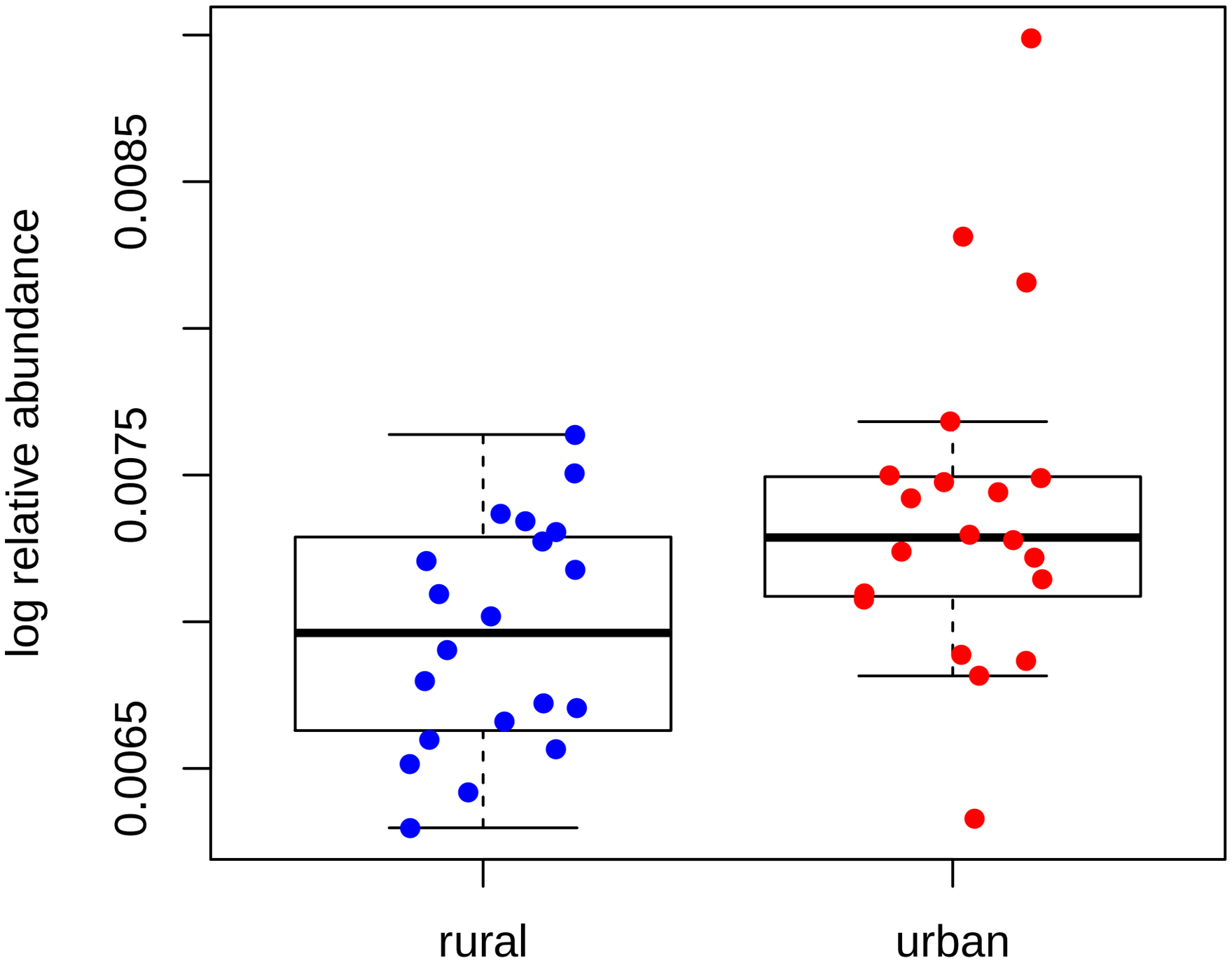

WGS pathway: ko05216
pAdjRuralUrban= 0.0444
log relative abundance
1e−05
2e−05
3e−05
4e−05
5e−05
rural
urban

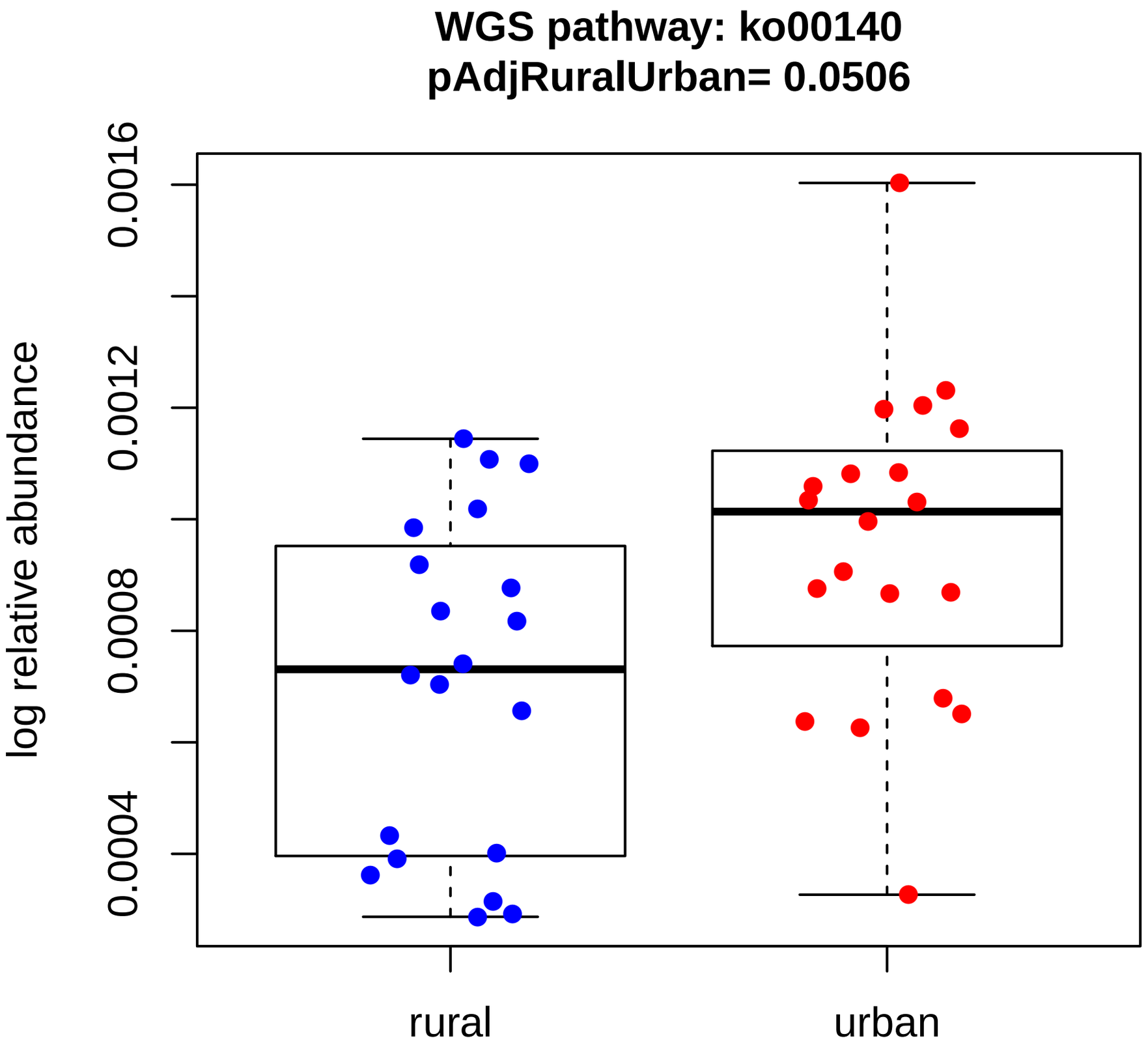

WGS pathway: ko03018
pAdjRuralUrban= 0.0444
log relative abundance
0.0064
0.0068
0.0072
rural
urban

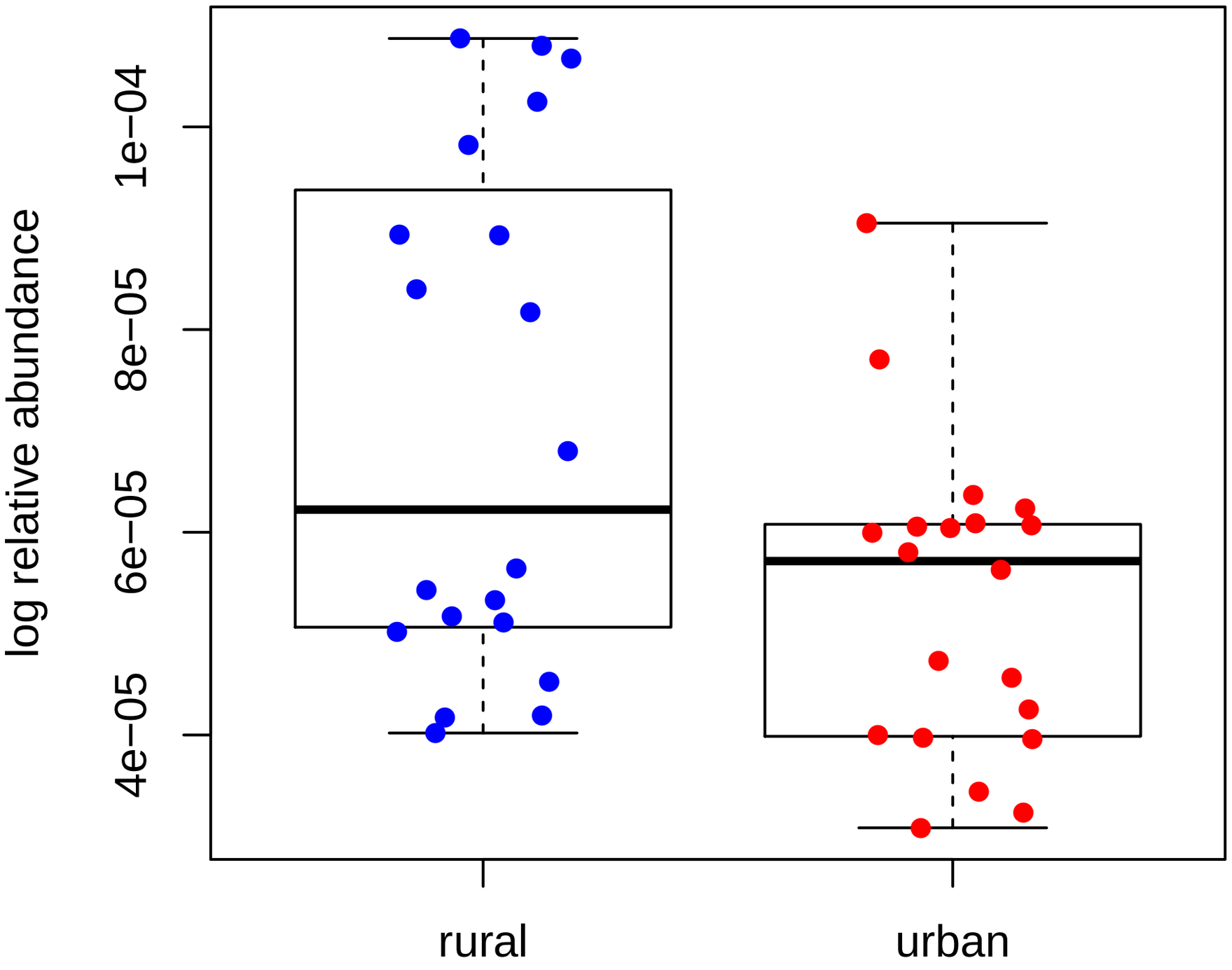

WGS pathway: ko03040
pAdjRuralUrban= 0.0462
log relative abundance
0.00060
0.00050
0.00040
rural
urban

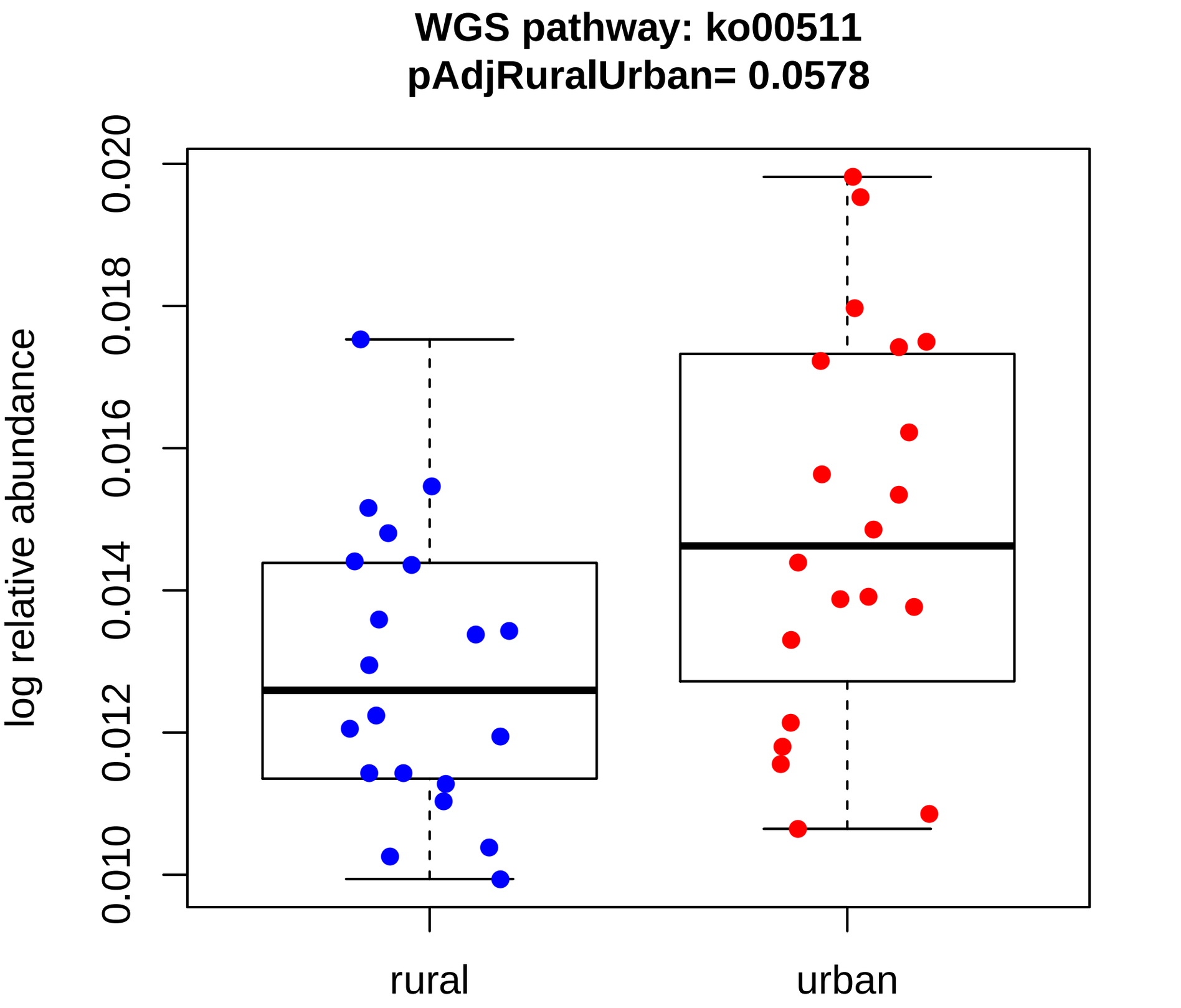

WGS pathway: ko04520
pAdjRuralUrban= 0.0466
log relative abundance
1.0e−05
1.5e−05
2.0e−05
rural
urban

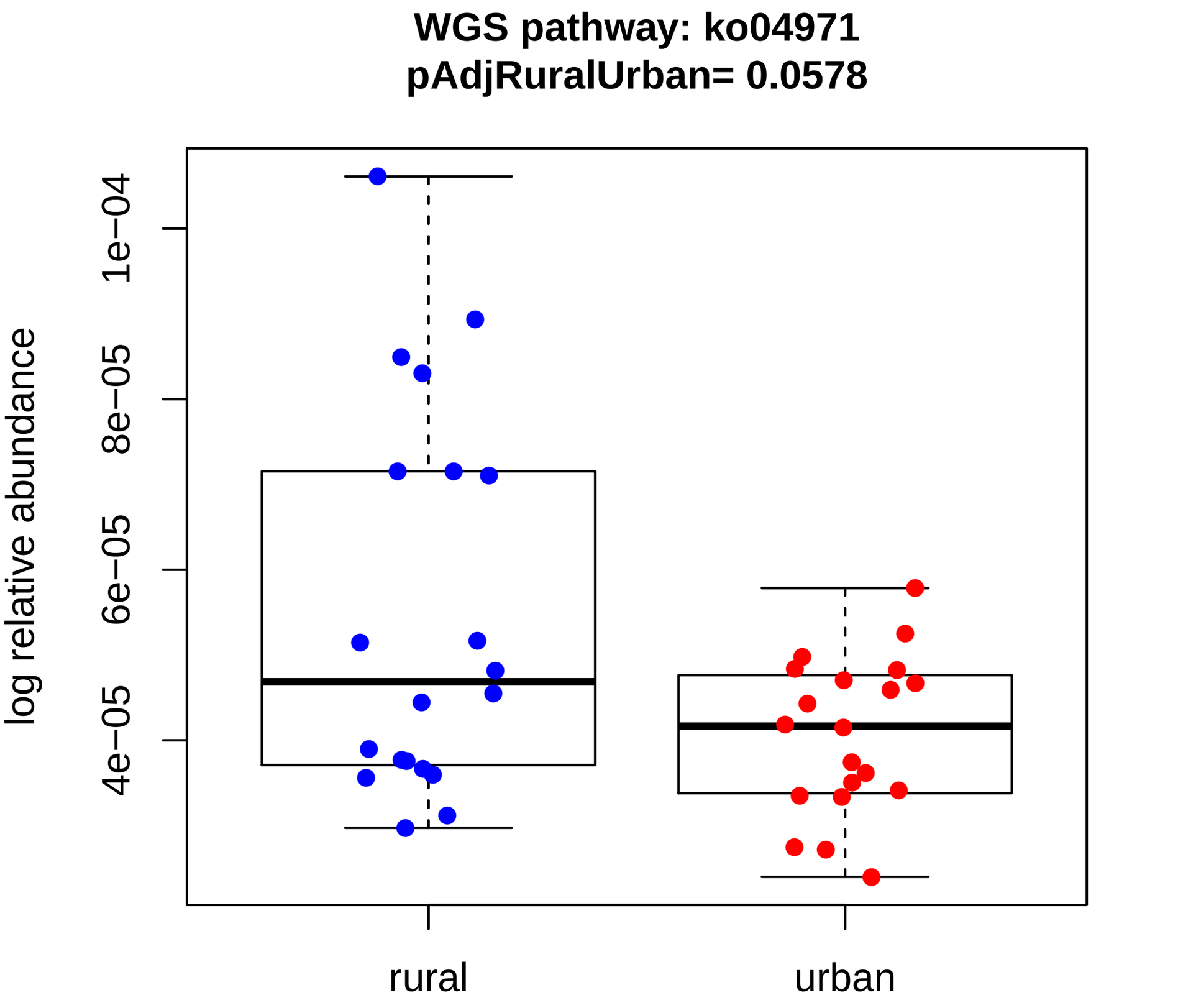

WGS pathway: ko04146
pAdjRuralUrban= 0.0497
log relative abundance
6e−04
7e−04
8e−04
9e−04
rural
urban

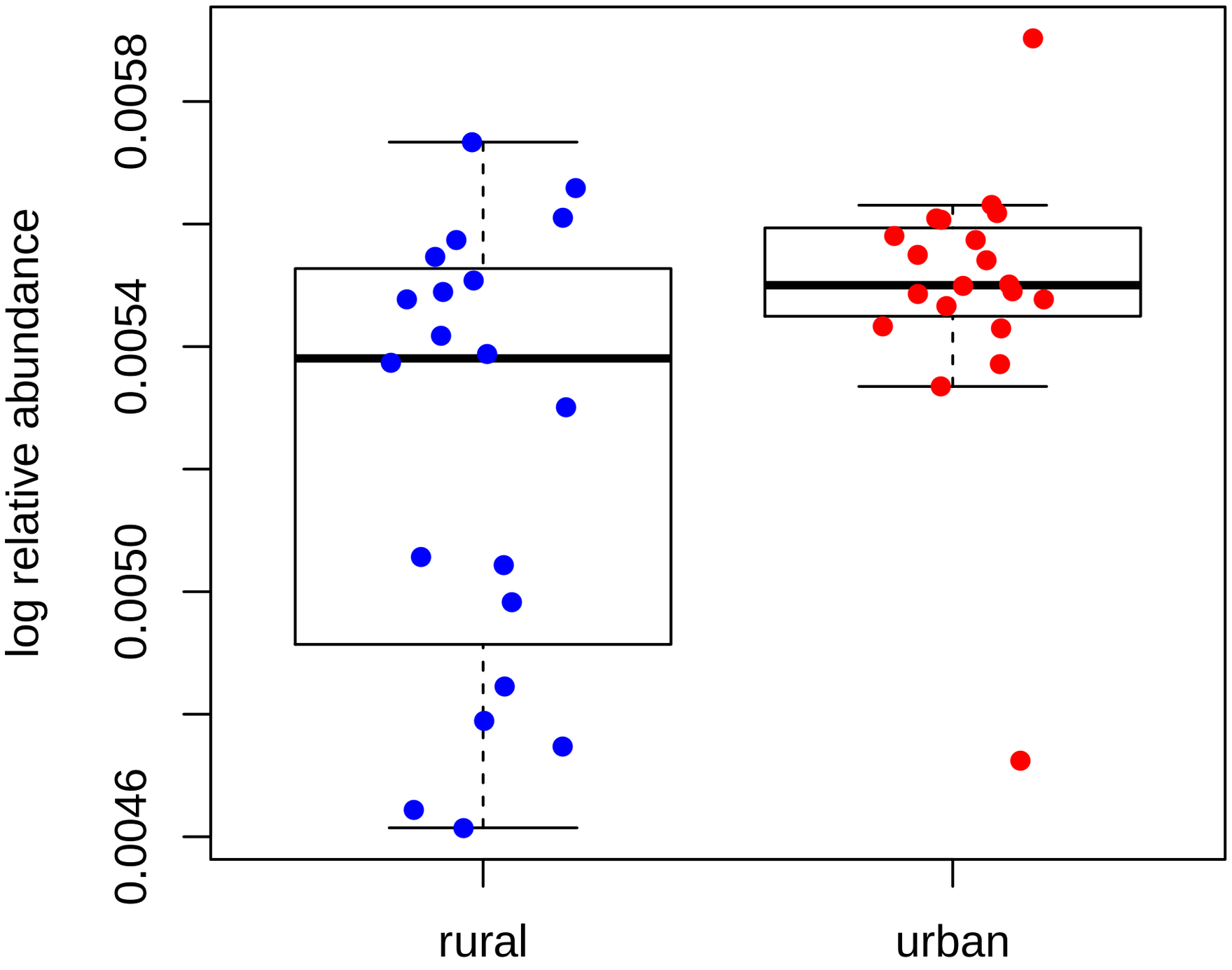

WGS pathway: ko00650
pAdjRuralUrban= 0.0497
log relative abundance
0.0065
0.0075
0.0085
rural
urban

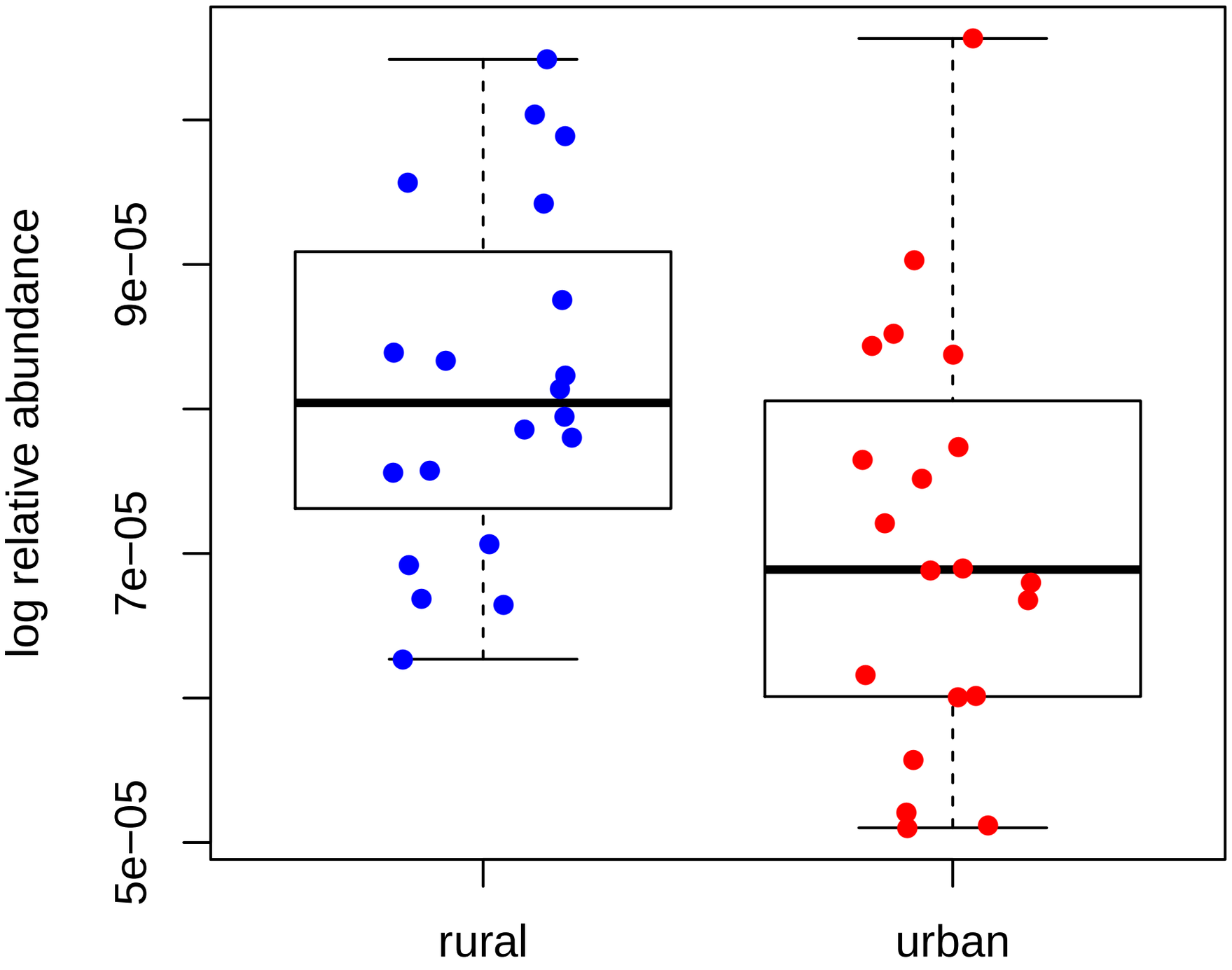

WGS pathway: ko00140
pAdjRuralUrban= 0.0506
log relative abundance
0.0004
0.0008
0.0012
0.0016
rural
urban

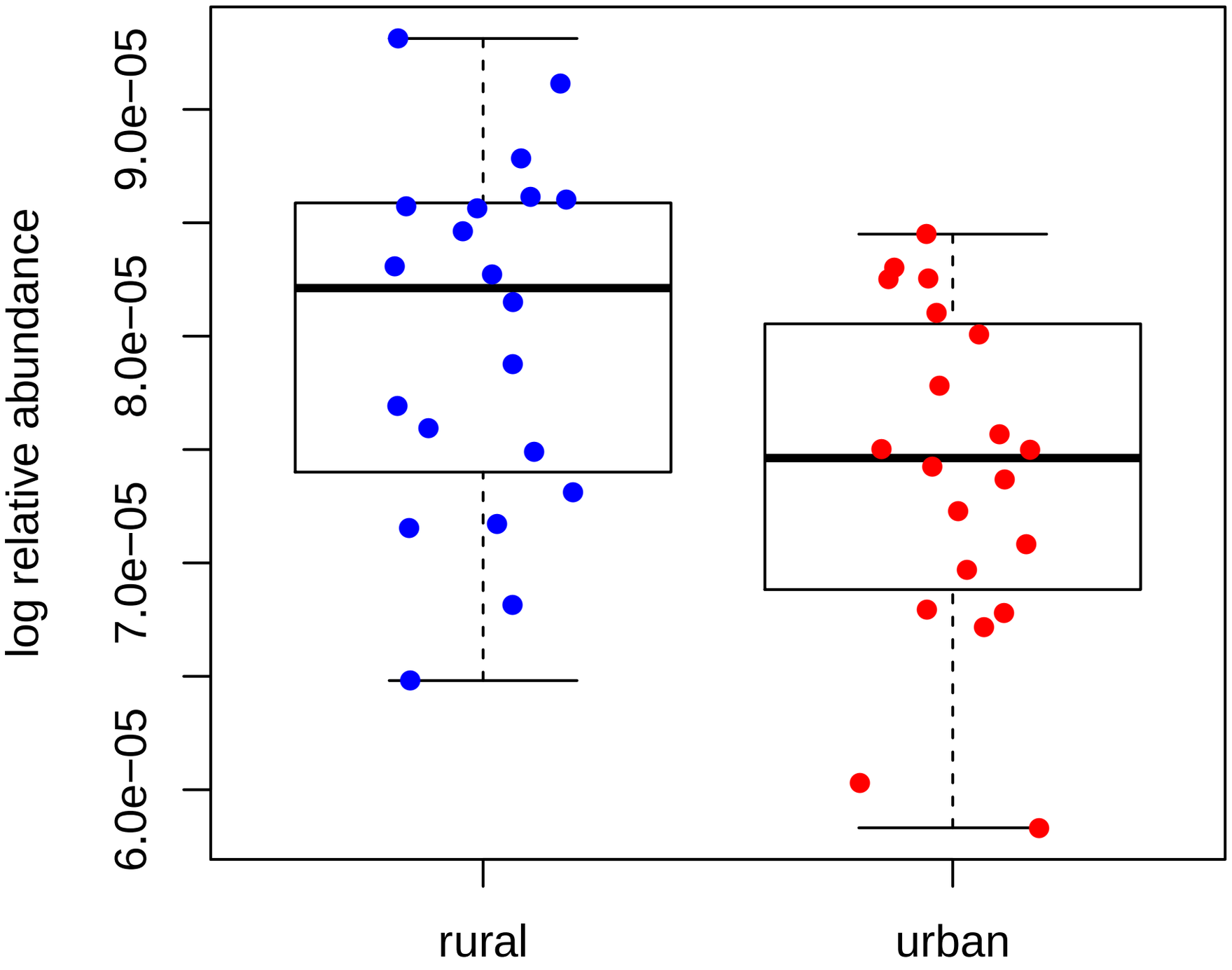

WGS pathway: ko05146
pAdjRuralUrban= 0.0514
log relative abundance
4e−05
6e−05
8e−05
1e−04
rural
urban

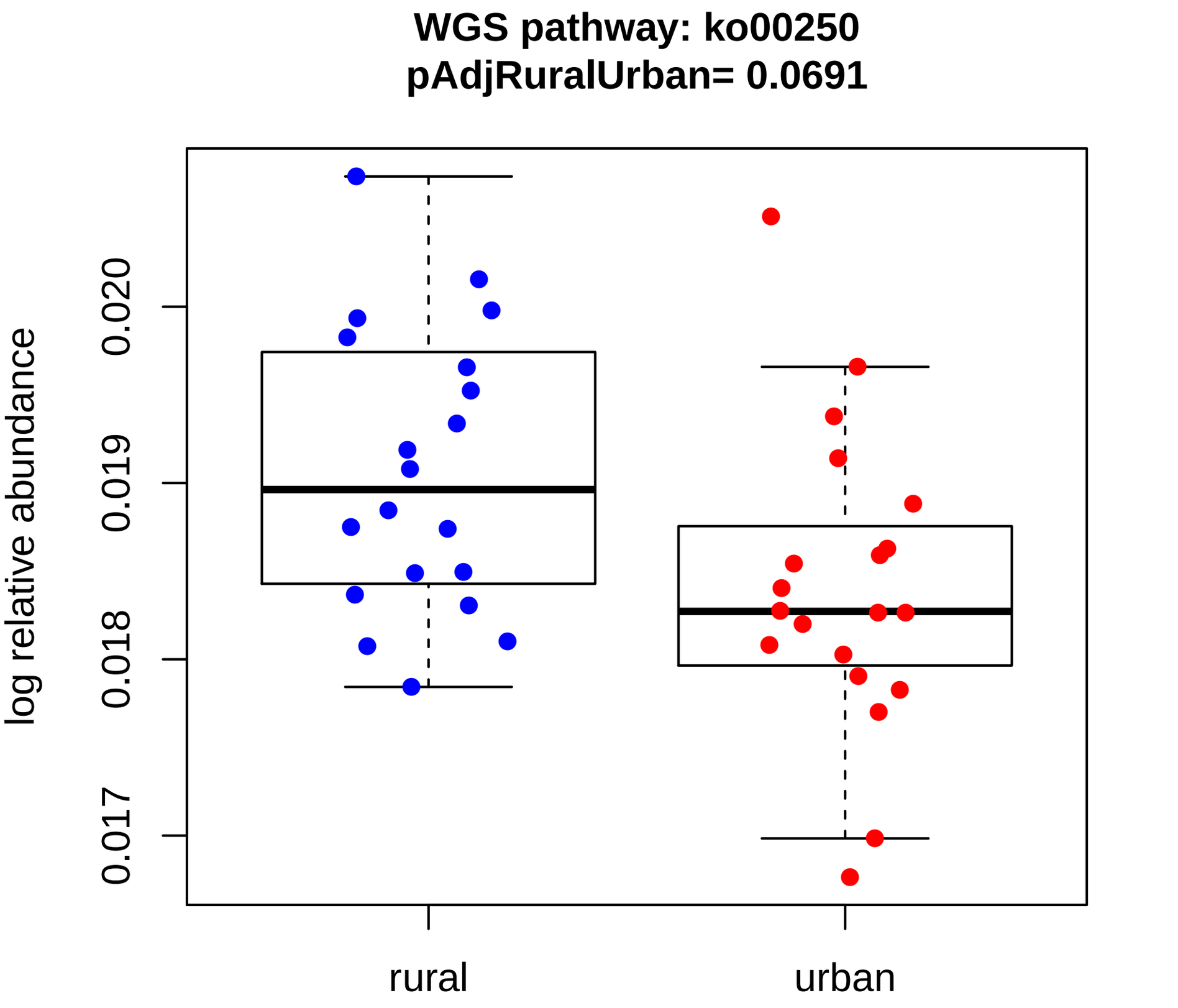

WGS pathway: ko00511
pAdjRuralUrban= 0.0578
log relative abundance
0.010
0.012
0.014
0.016
0.018
0.020
rural
urban

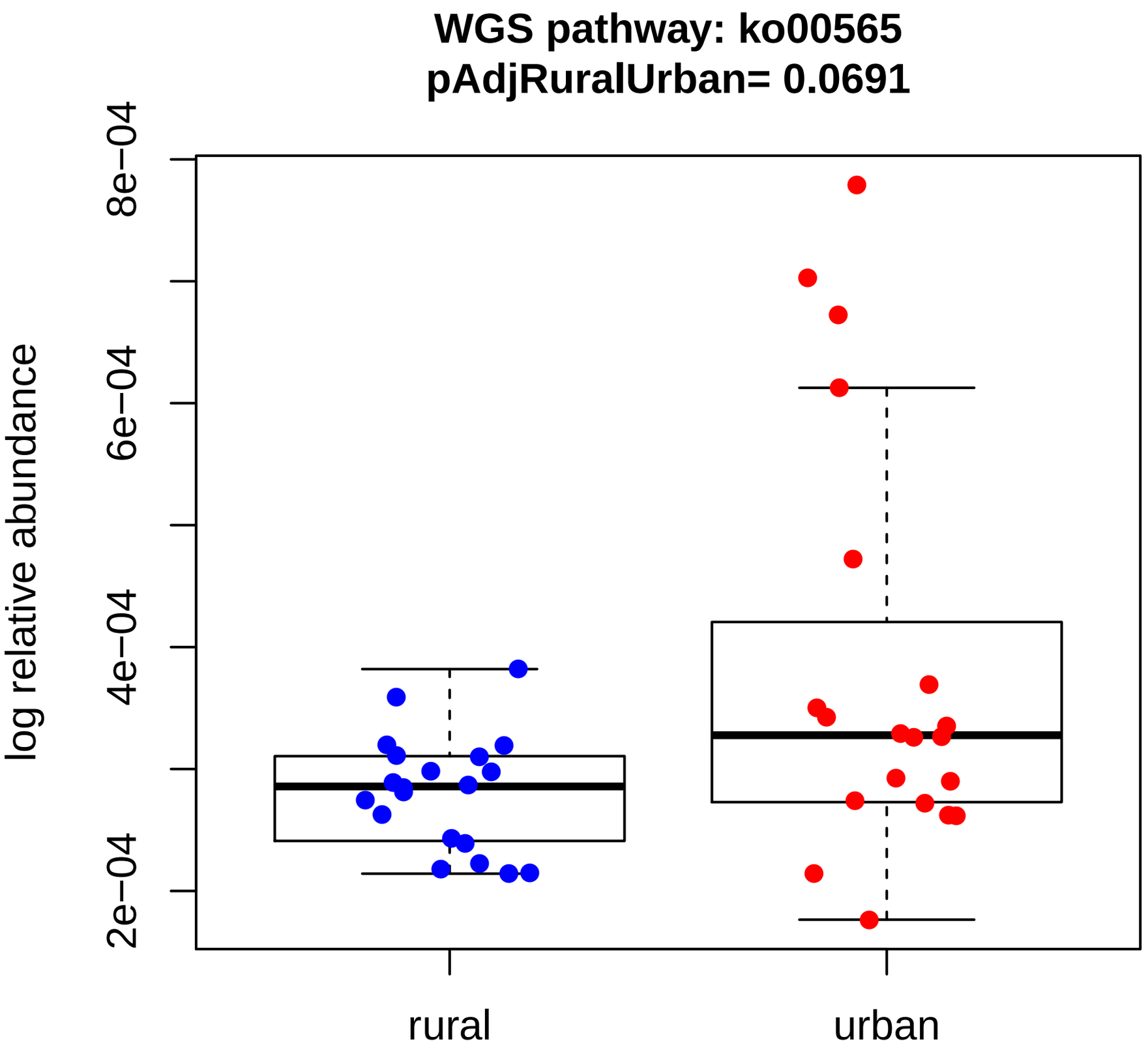

WGS pathway: ko04971
pAdjRuralUrban= 0.0578
log relative abundance
4e−05
6e−05
8e−05
1e−04
rural
urban

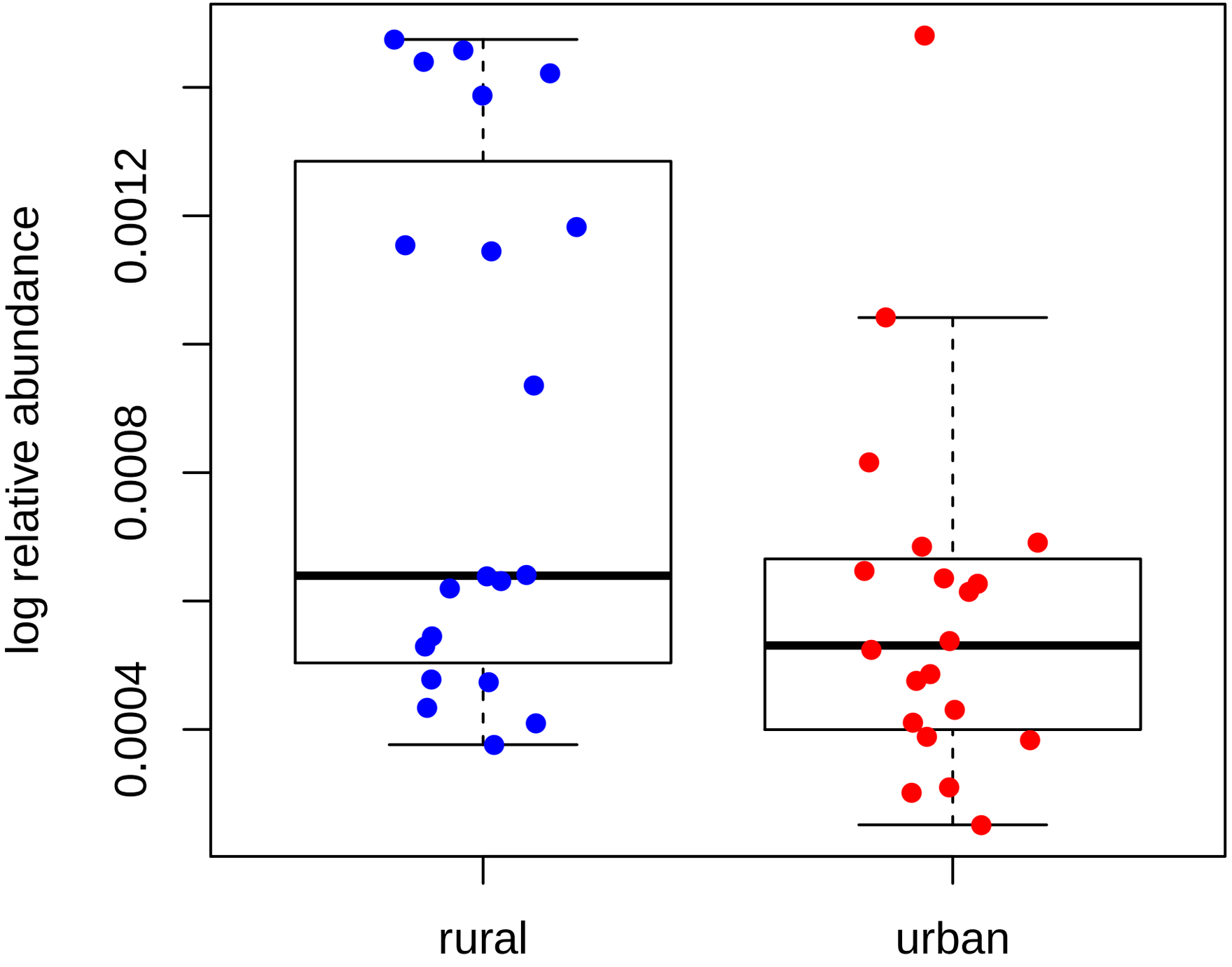

WGS pathway: ko00680
pAdjRuralUrban= 0.0578
log relative abundance
0.0058
0.0054
0.0050
0.0046
rural
urban

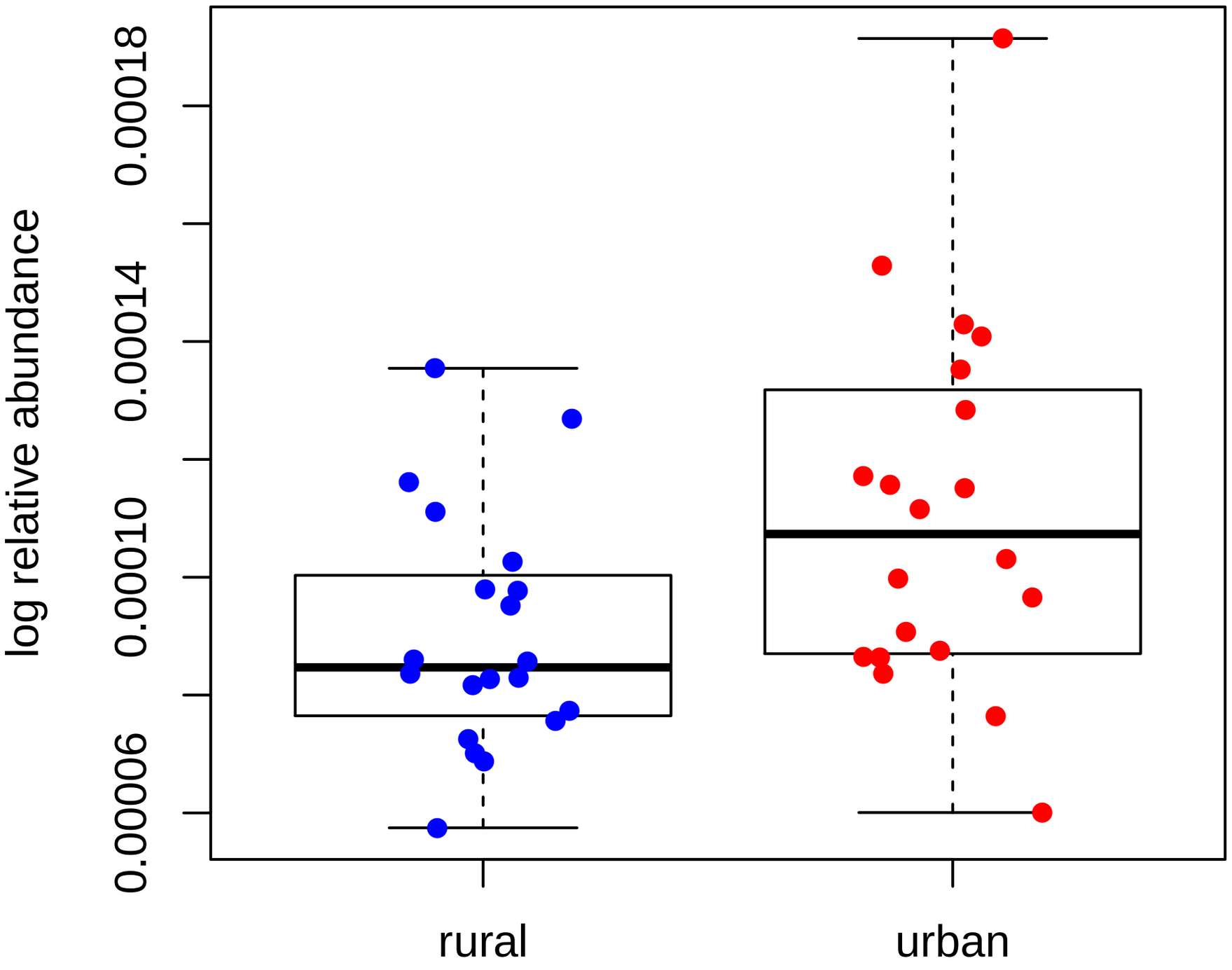

WGS pathway: ko03320
pAdjRuralUrban= 0.0609
log relative abundance
5e−05
7e−05
9e−05
rural
urban

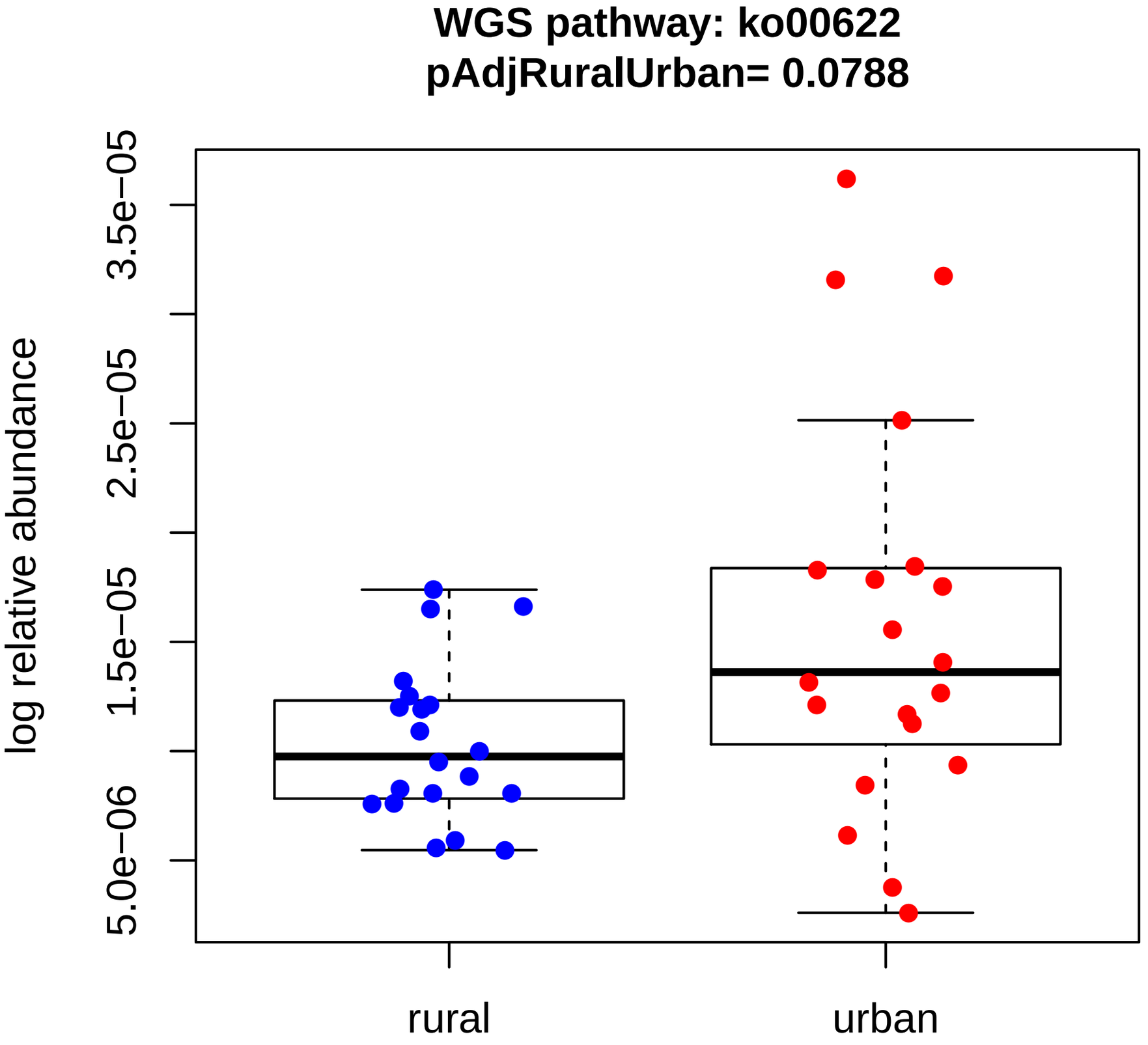

WGS pathway: ko04020
pAdjRuralUrban= 0.0654
log relative abundance
6.0e−05
7.0e−05
8.0e−05
9.0e−05
rural
urban

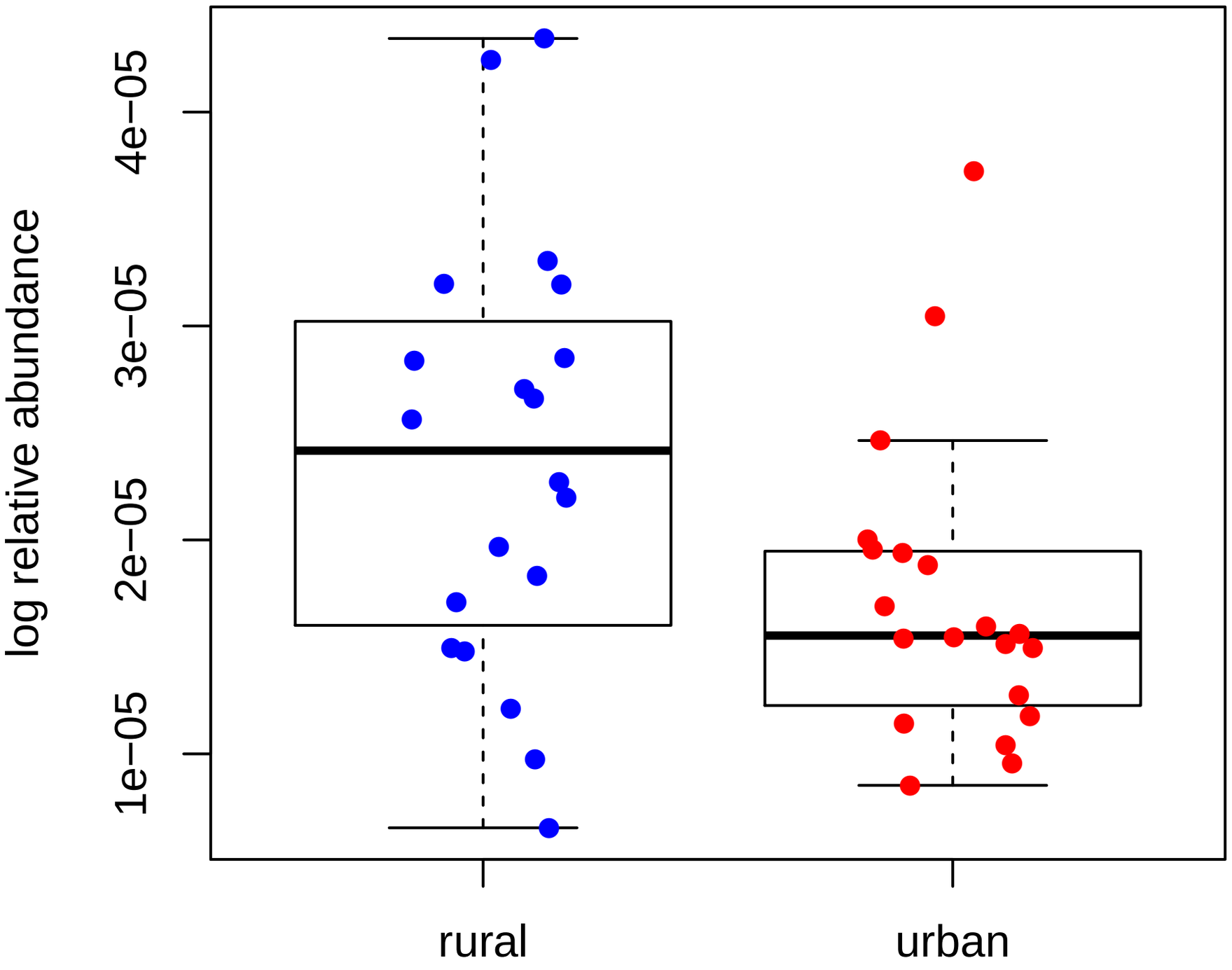

WGS pathway: ko00250
pAdjRuralUrban= 0.0691
log relative abundance
0.017
0.018
0.019
0.020
rural
urban

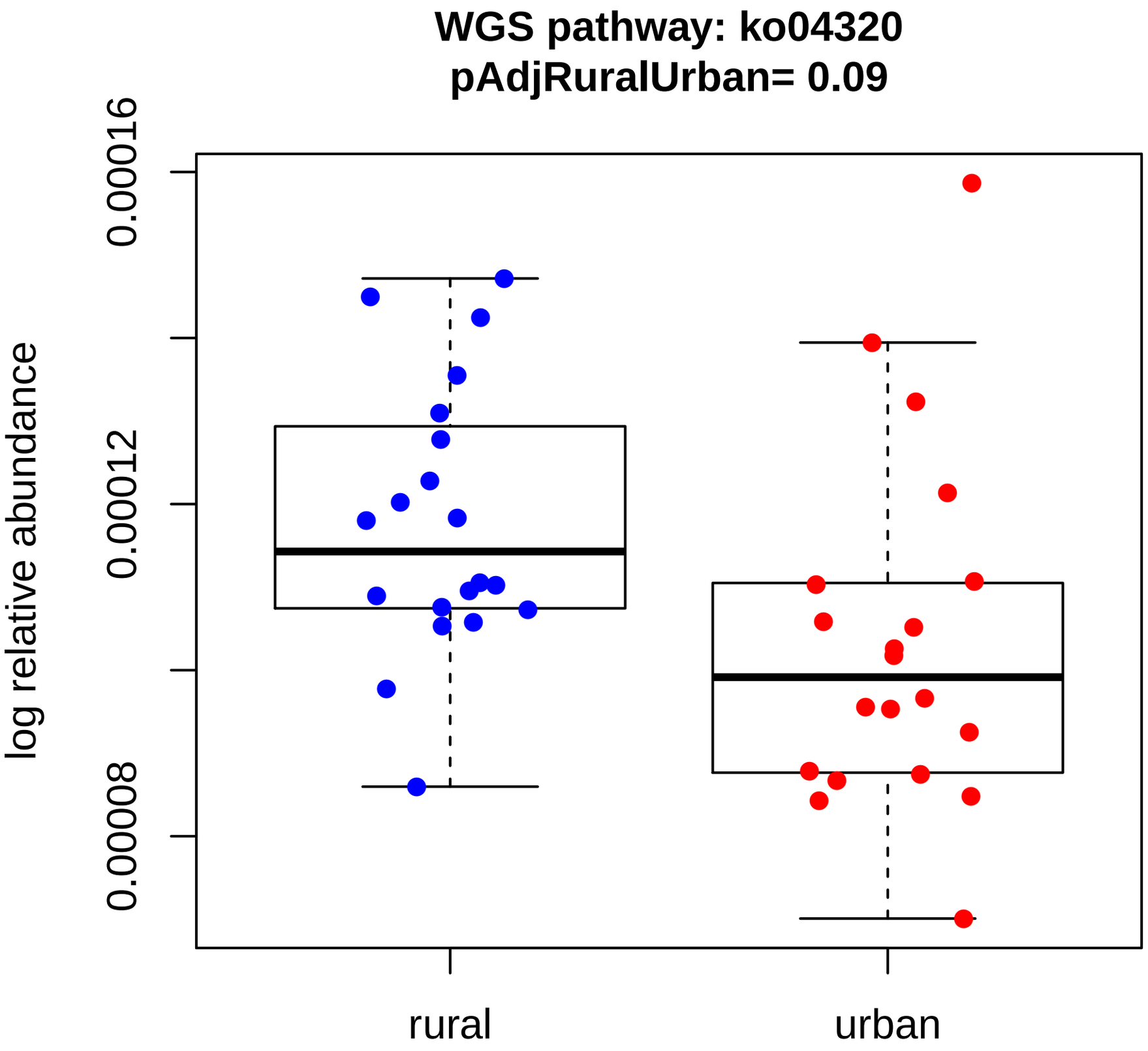

WGS pathway: ko00565
pAdjRuralUrban= 0.0691
log relative abundance
2e−04
4e−04
6e−04
8e−04
rural
urban

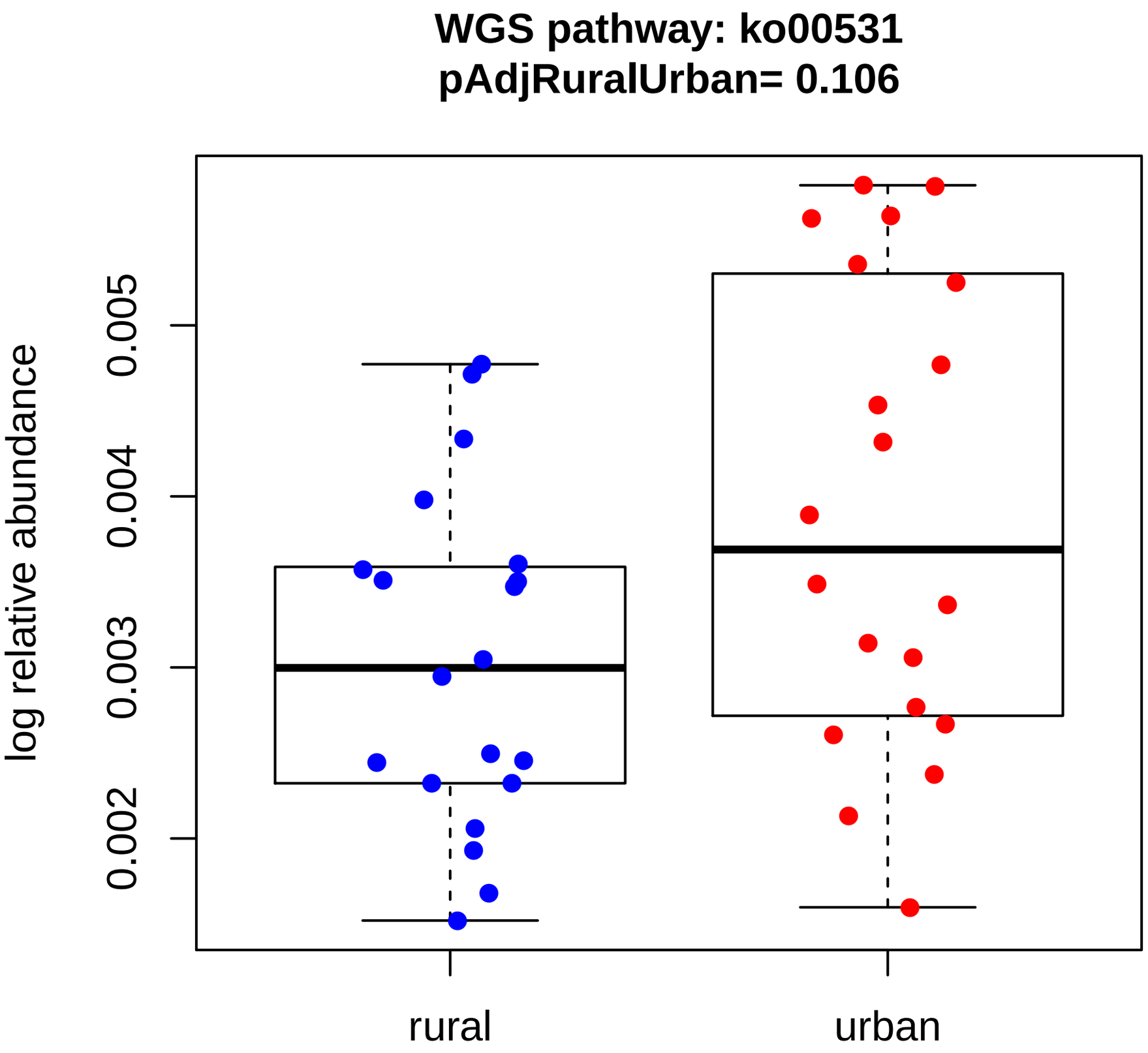

WGS pathway: ko00983
pAdjRuralUrban= 0.0749
log relative abundance
0.0004
0.0008
0.0012
rural
urban

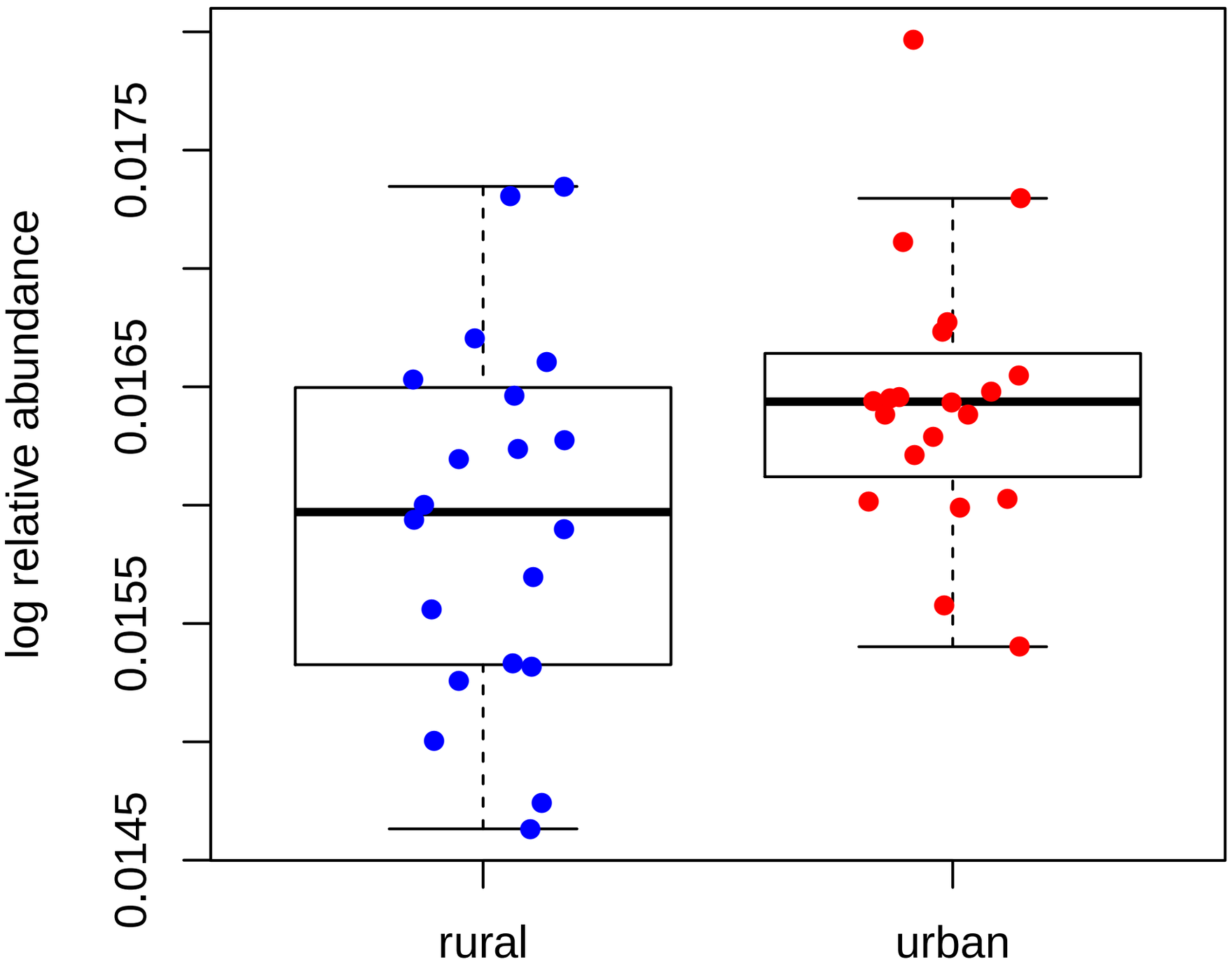

WGS pathway: ko04973
pAdjRuralUrban= 0.0749
log relative abundance
0.00006
0.00010
0.00014
0.00018
rural
urban

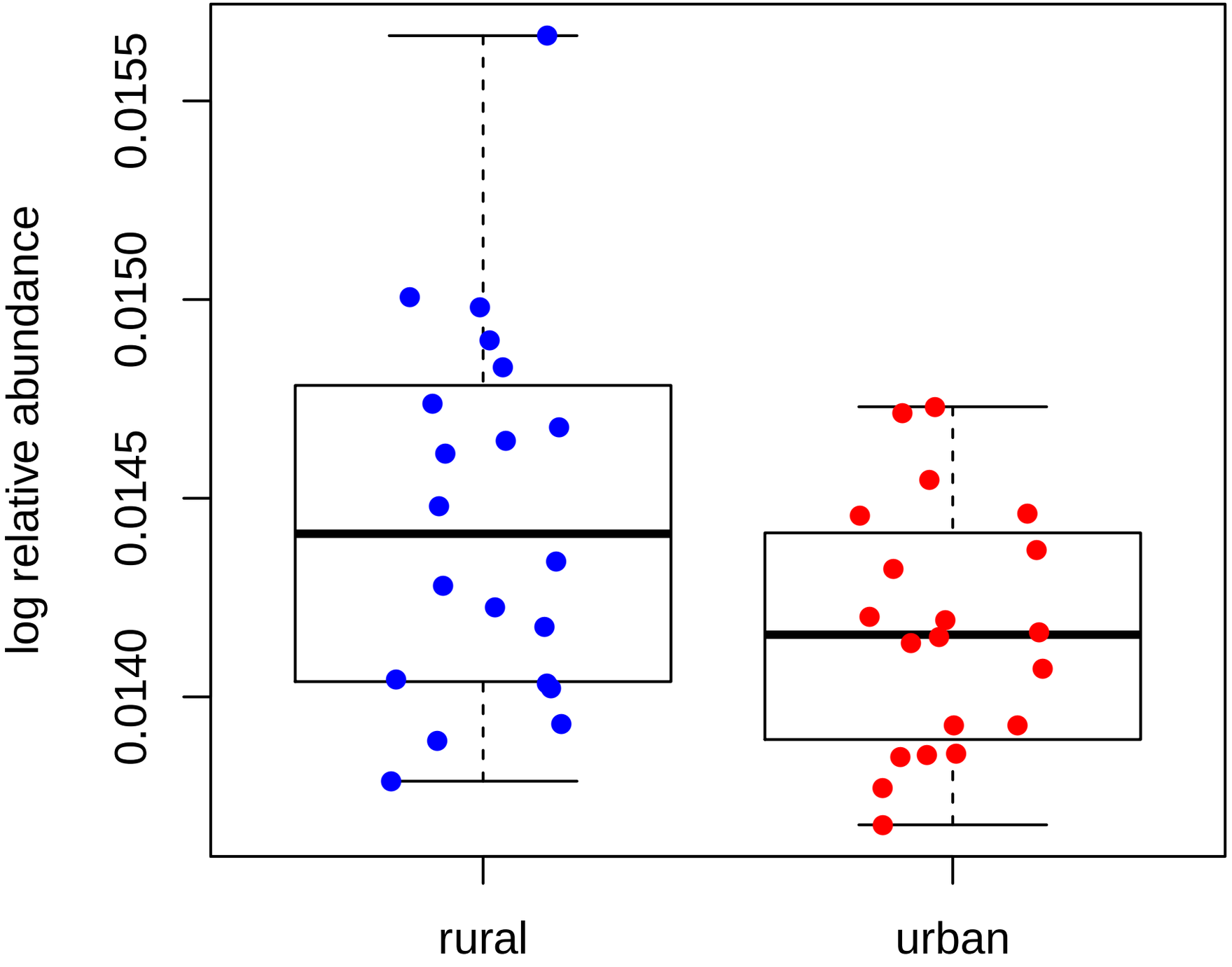

WGS pathway: ko00622
pAdjRuralUrban= 0.0788
log relative abundance
5.0e−06
1.5e−05
2.5e−05
3.5e−05
rural
urban

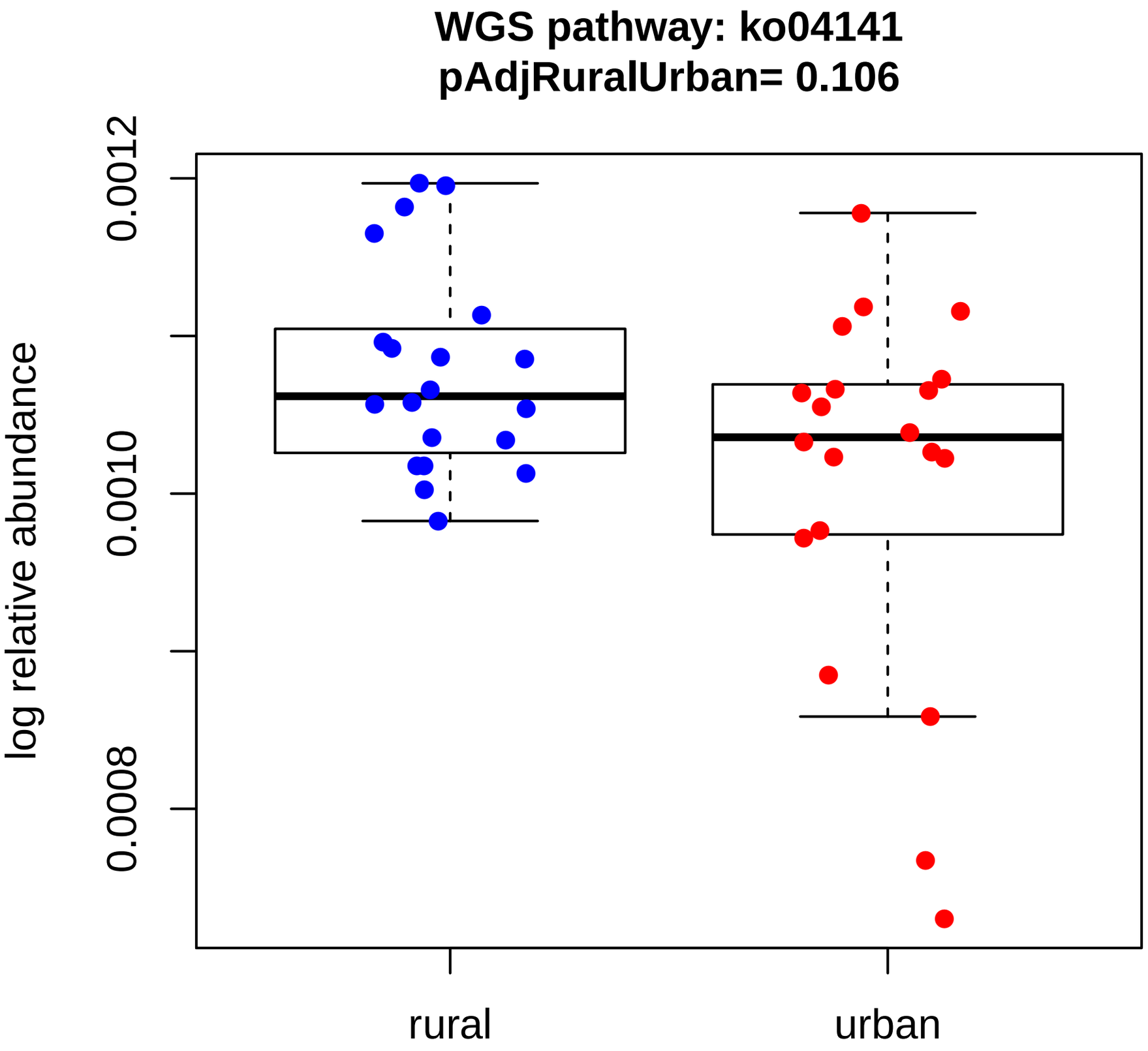

WGS pathway: ko04966
pAdjRuralUrban= 0.0872
log relative abundance
1e−05
2e−05
3e−05
4e−05
rural
urban

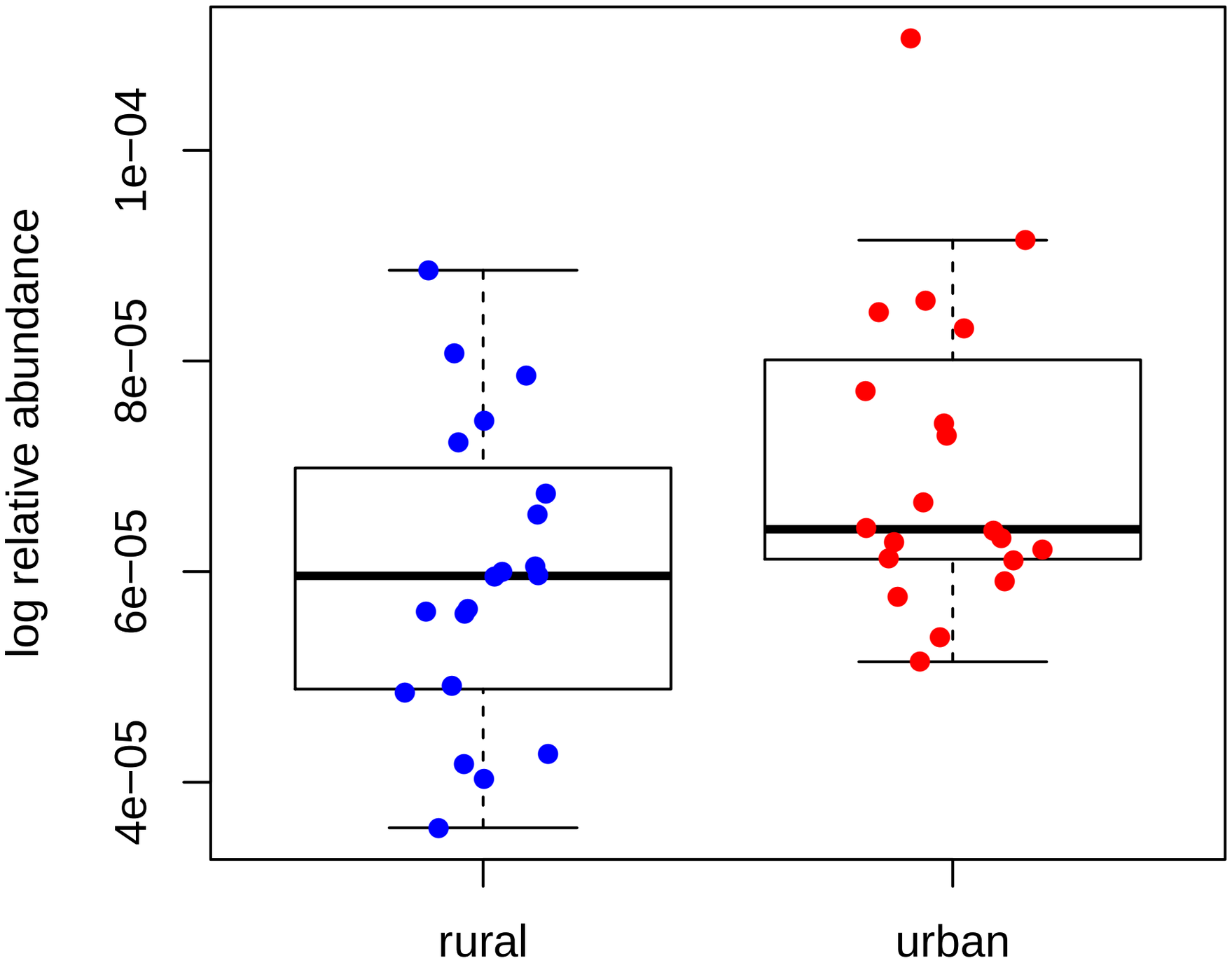

WGS pathway: ko04320
pAdjRuralUrban= 0.09
log relative abundance
0.00016
0.00012
0.00008
rural
urban

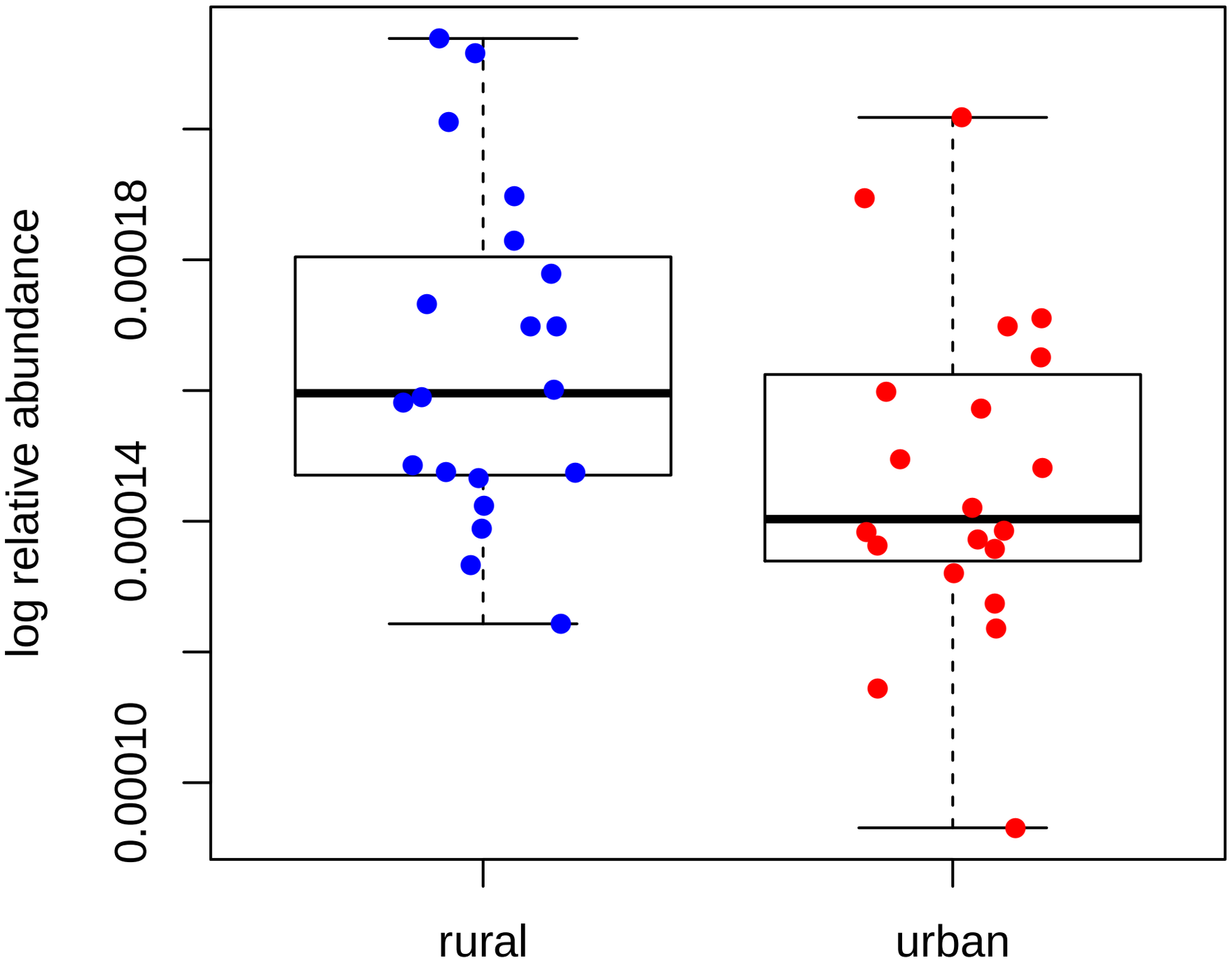

WGS pathway: ko00531
pAdjRuralUrban= 0.106
log relative abundance
0.002
0.003
0.004
0.005
rural
urban

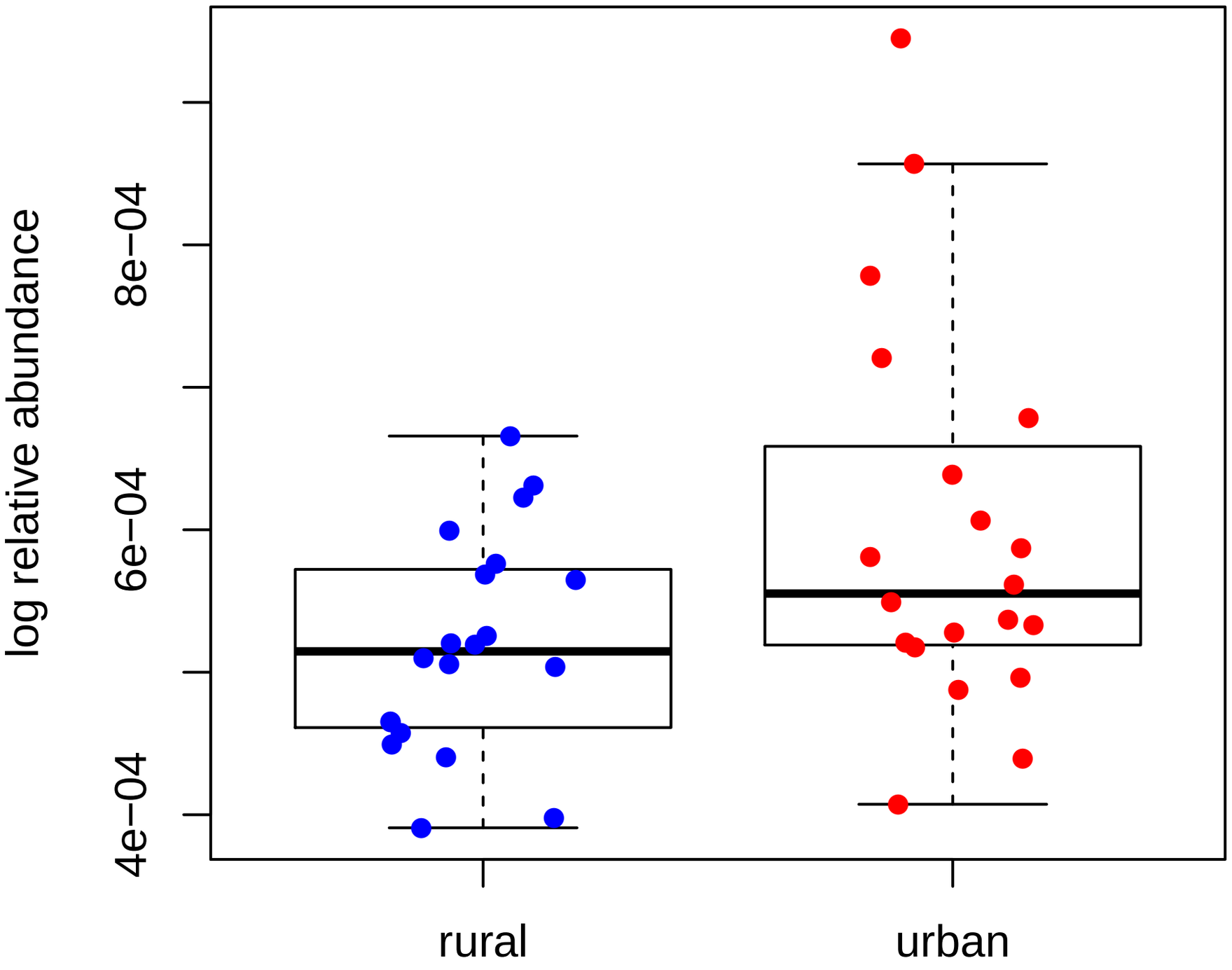

WGS pathway: ko00030
pAdjRuralUrban= 0.106
log relative abundance
0.0145
0.0155
0.0165
0.0175
rural
urban

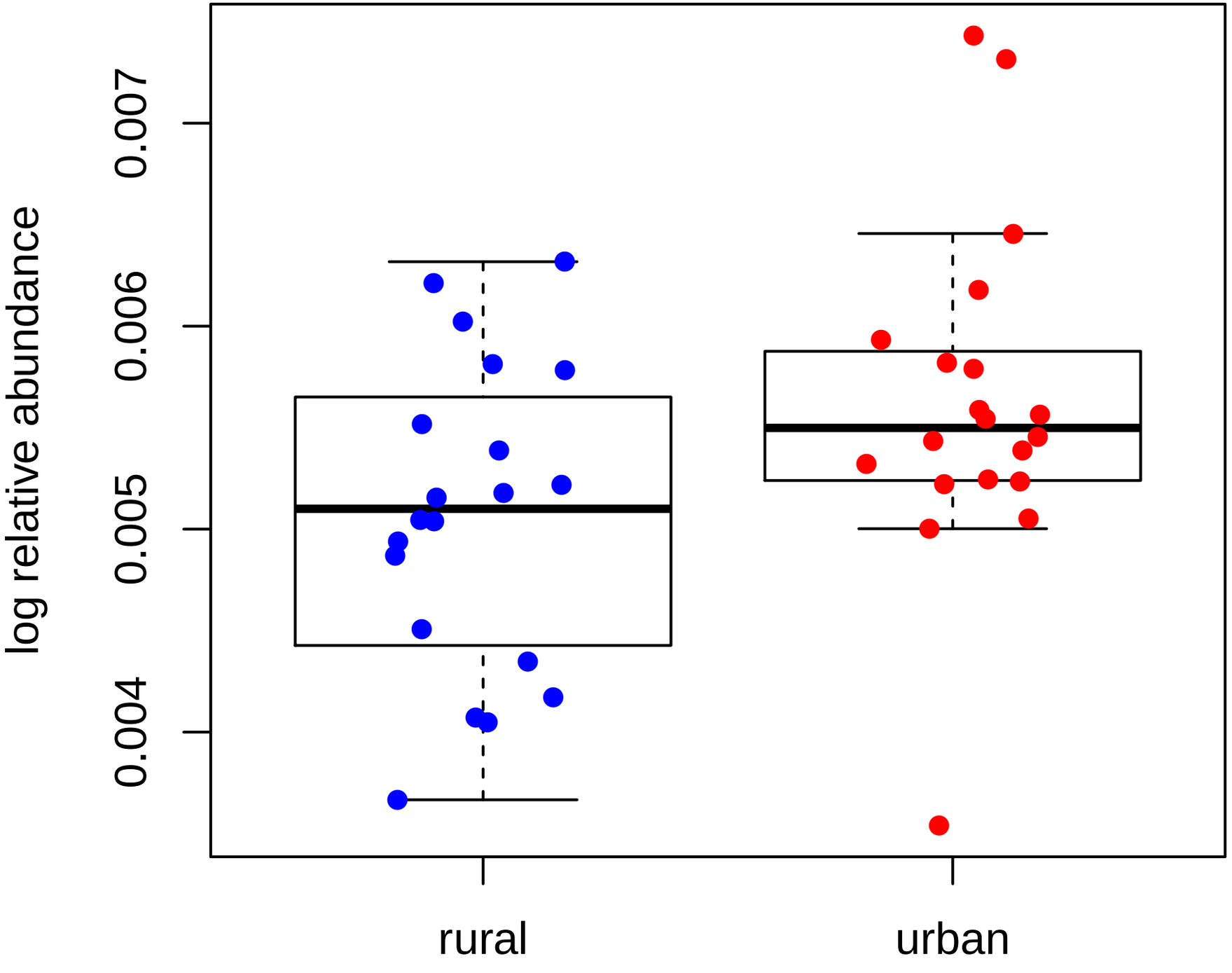

WGS pathway: ko03060
pAdjRuralUrban= 0.106
log relative abundance
0.0140
0.01145
0.0150
0.0155
rural
urban

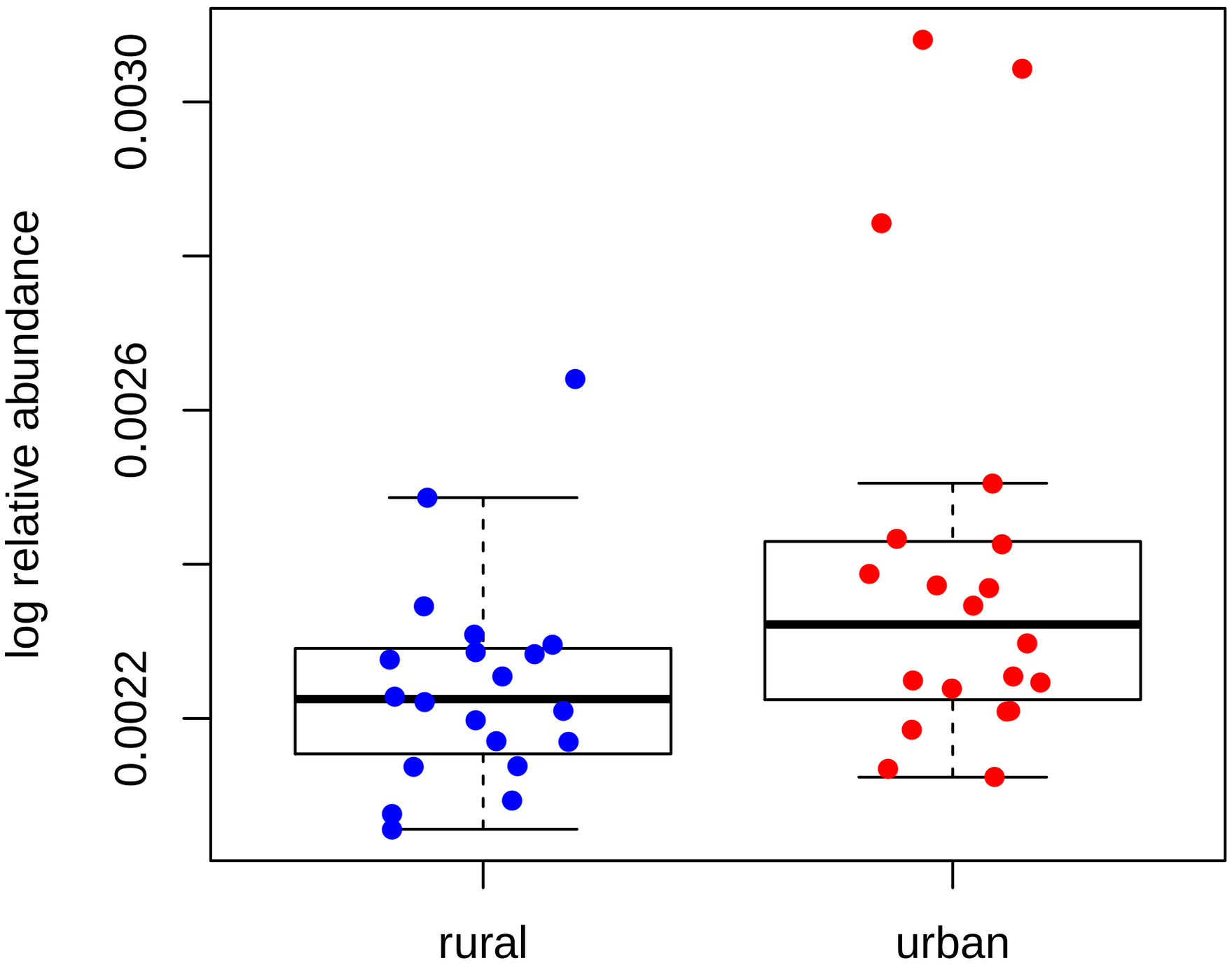

WGS pathway: ko04141
pAdjRuralUrban= 0.106
log relative abundance
0.0012
0.0010
0.0008
rural
urban

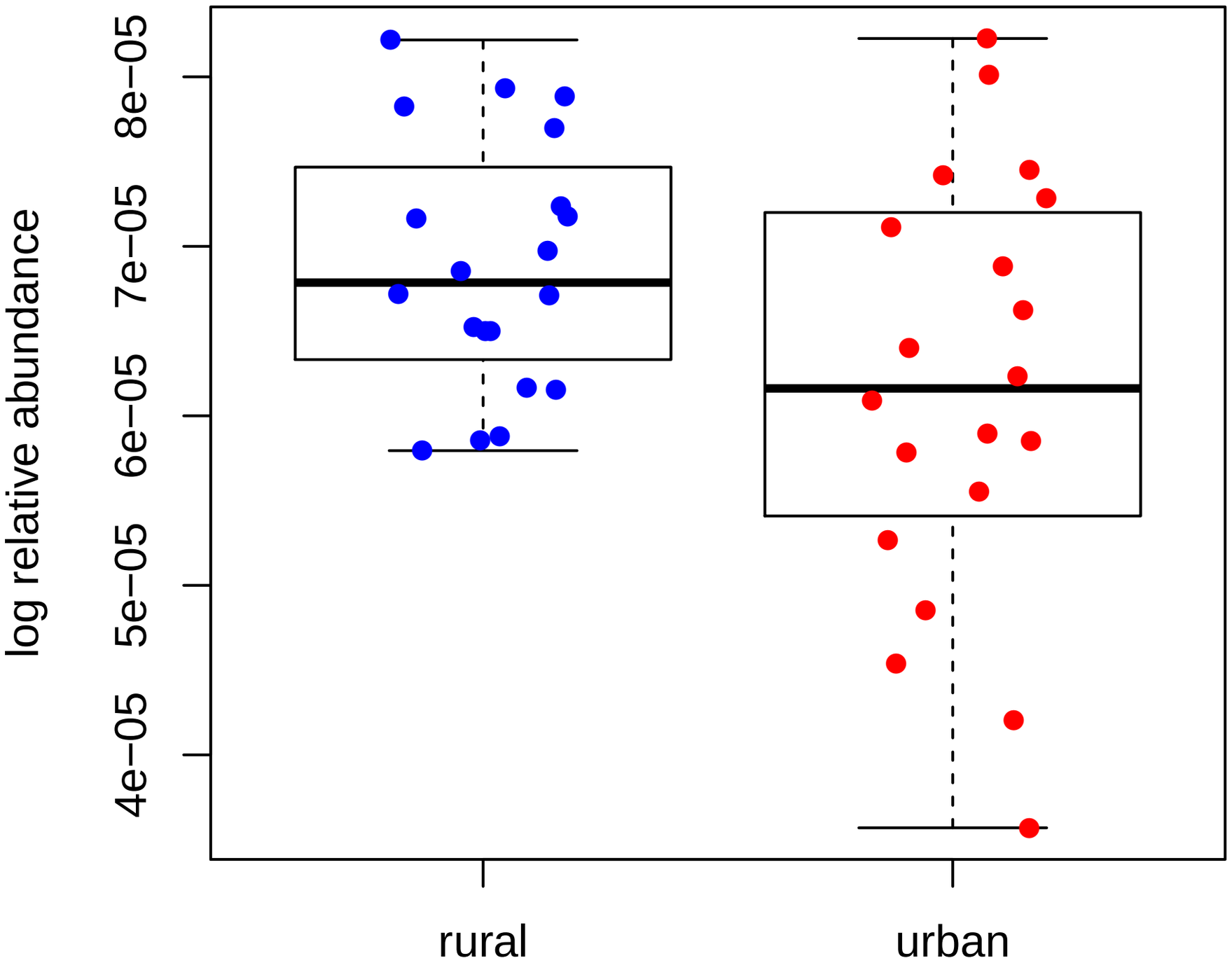

WGS pathway: ko00960
pAdjRuralUrban= 0.106
log relative abundance
4e−05
6e−05
8e−05
1e−04
rural
urban

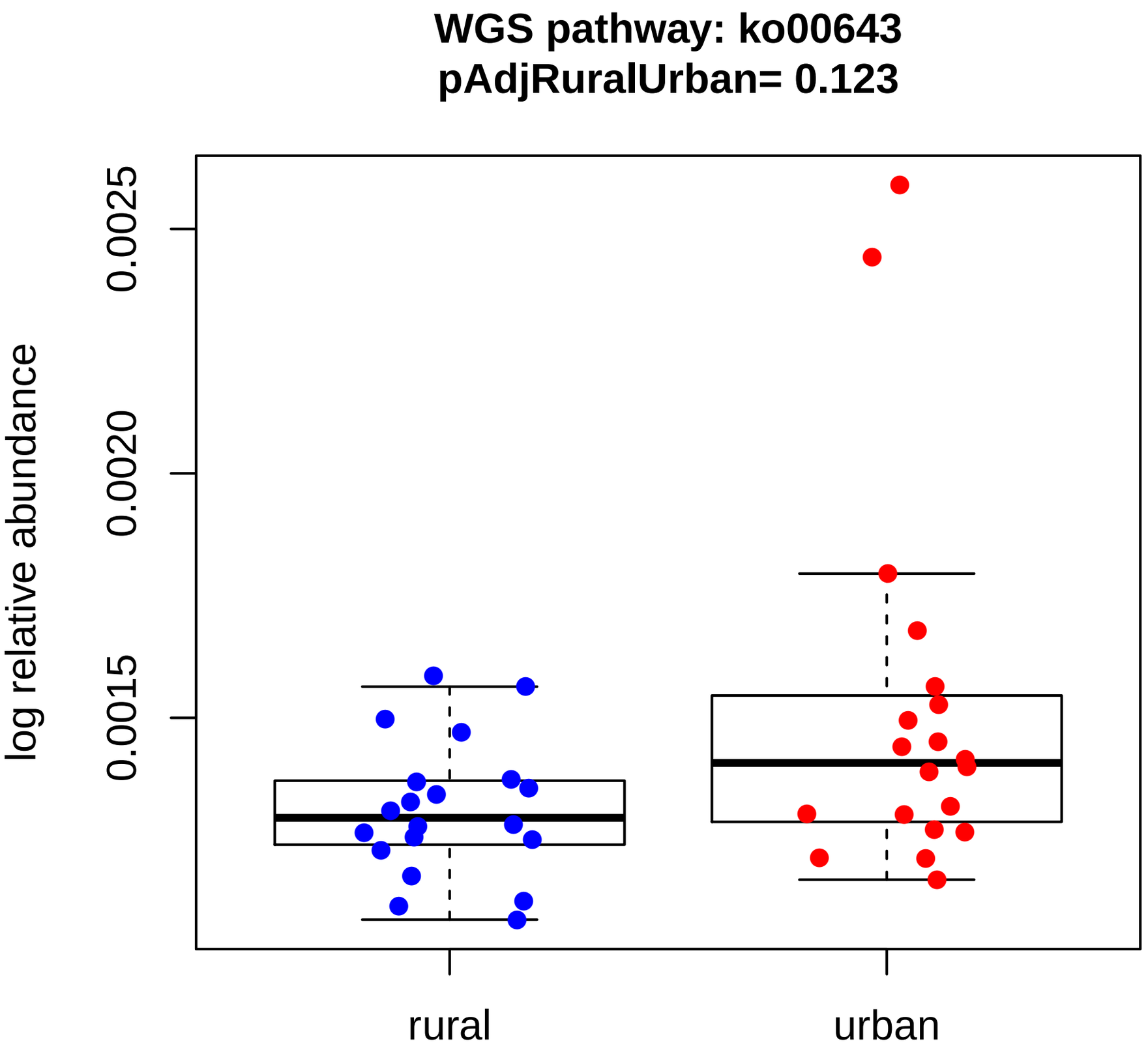

WGS pathway: ko04650
pAdjRuralUrban= 0.111
log relative abundance
0.00010
0.00014
0.00018
rural
urban

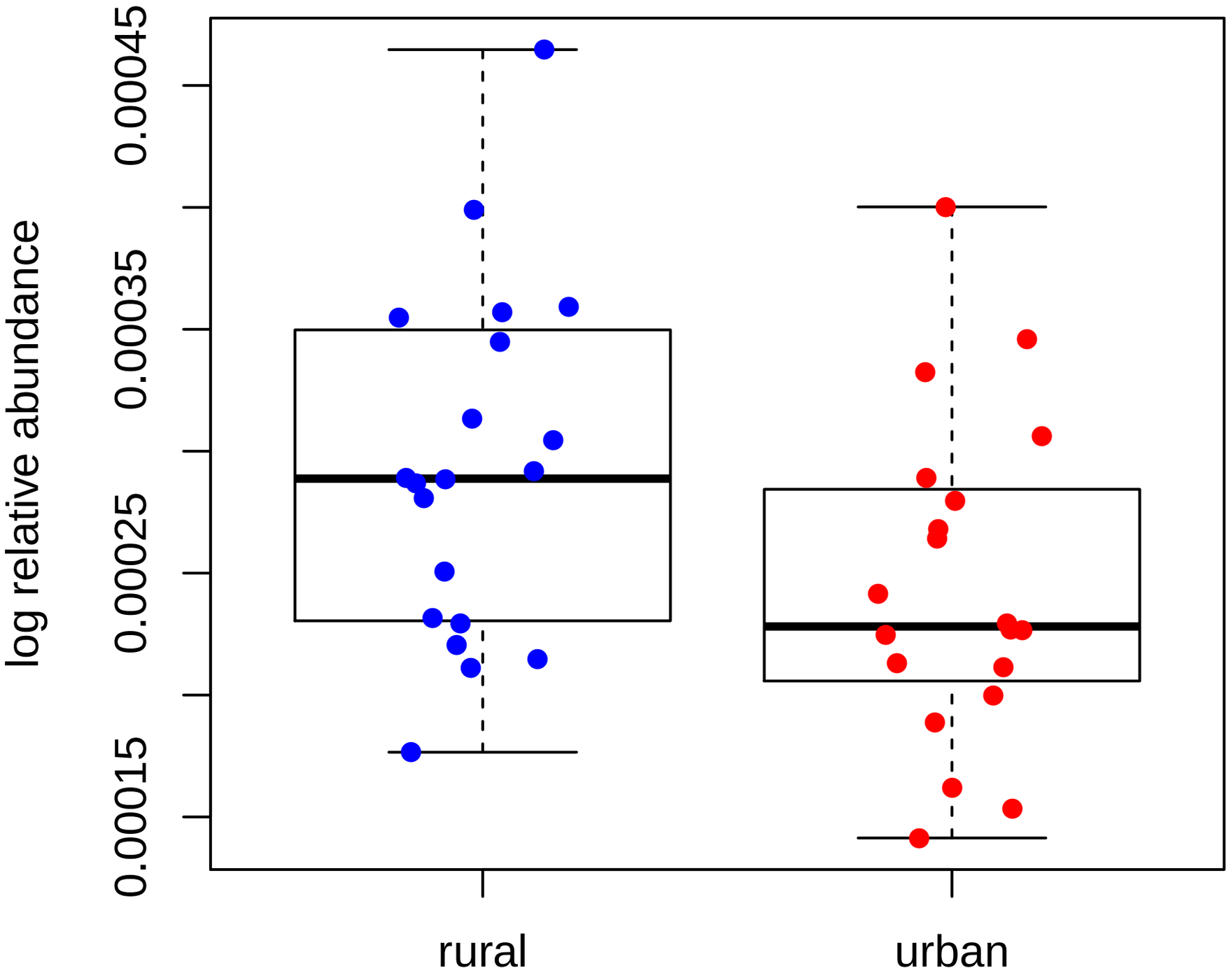

WGS pathway: ko05111
pAdjRuralUrban= 0.114
log relative abundance
4e−04
6e−04
8e−04
rural
urban

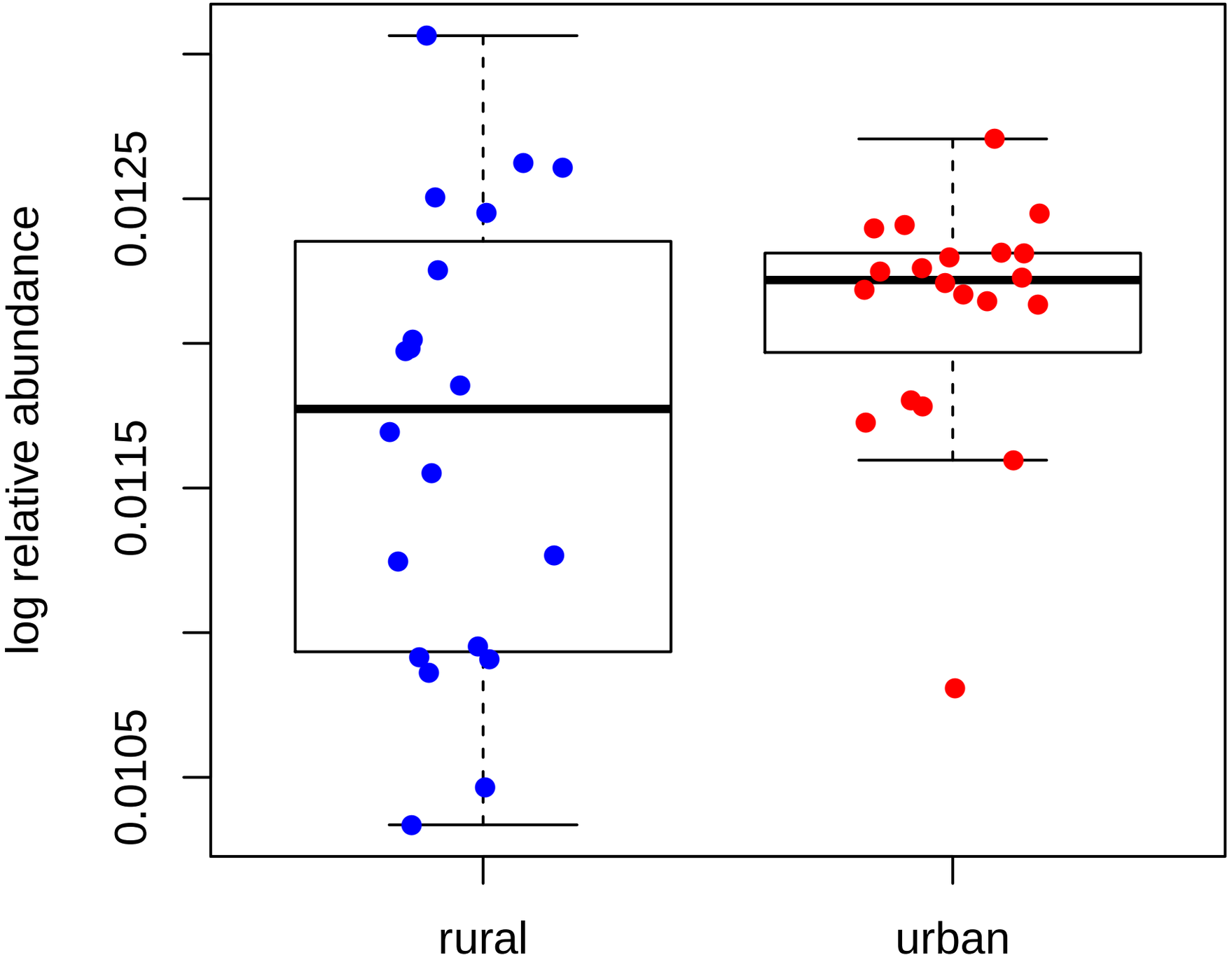

WGS pathway: ko00625
pAdjRuralUrban= 0.122
log relative abundance
0.004
0.005
0.006
0.007
rural
urban

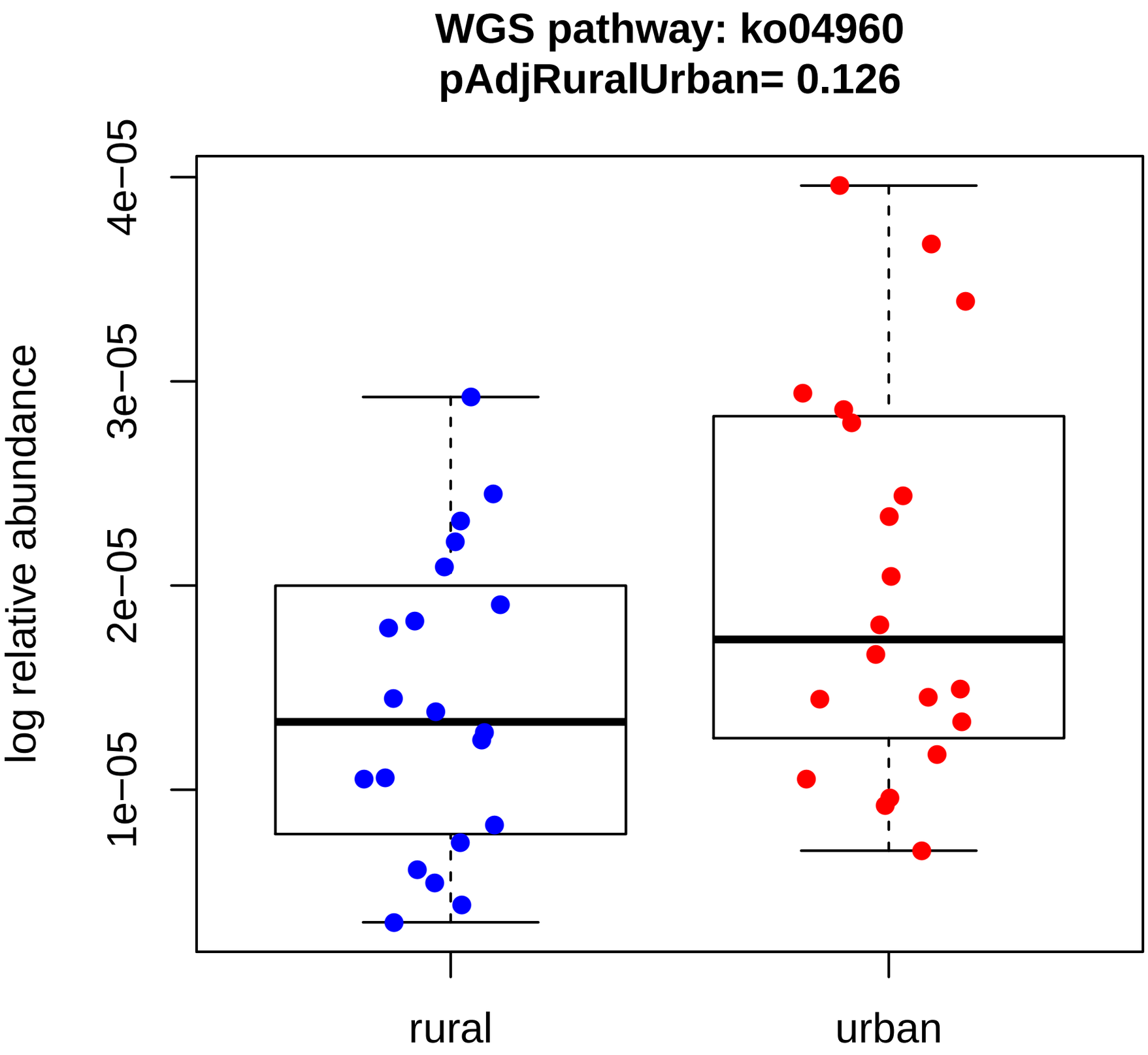

WGS pathway: ko00380
pAdjRuralUrban= 0.122
log relative abundance
0.0022
0.0026
0.0030
rural
urban

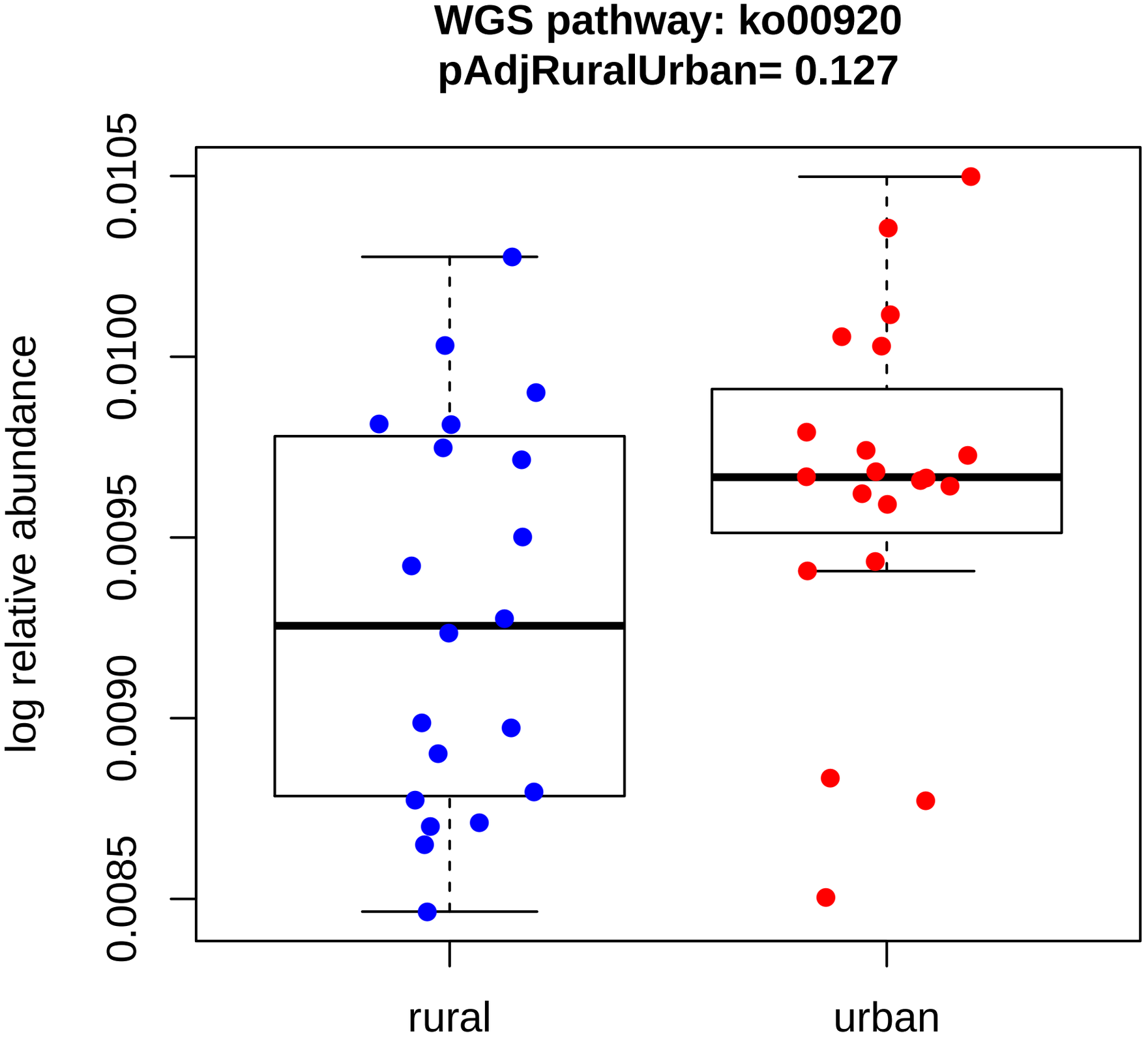

WGS pathway: ko04610
pAdjRuralUrban= 0.123
log relative abundance
4e−05
5e−05
6e−05
7e−05
8e−05
rural
urban

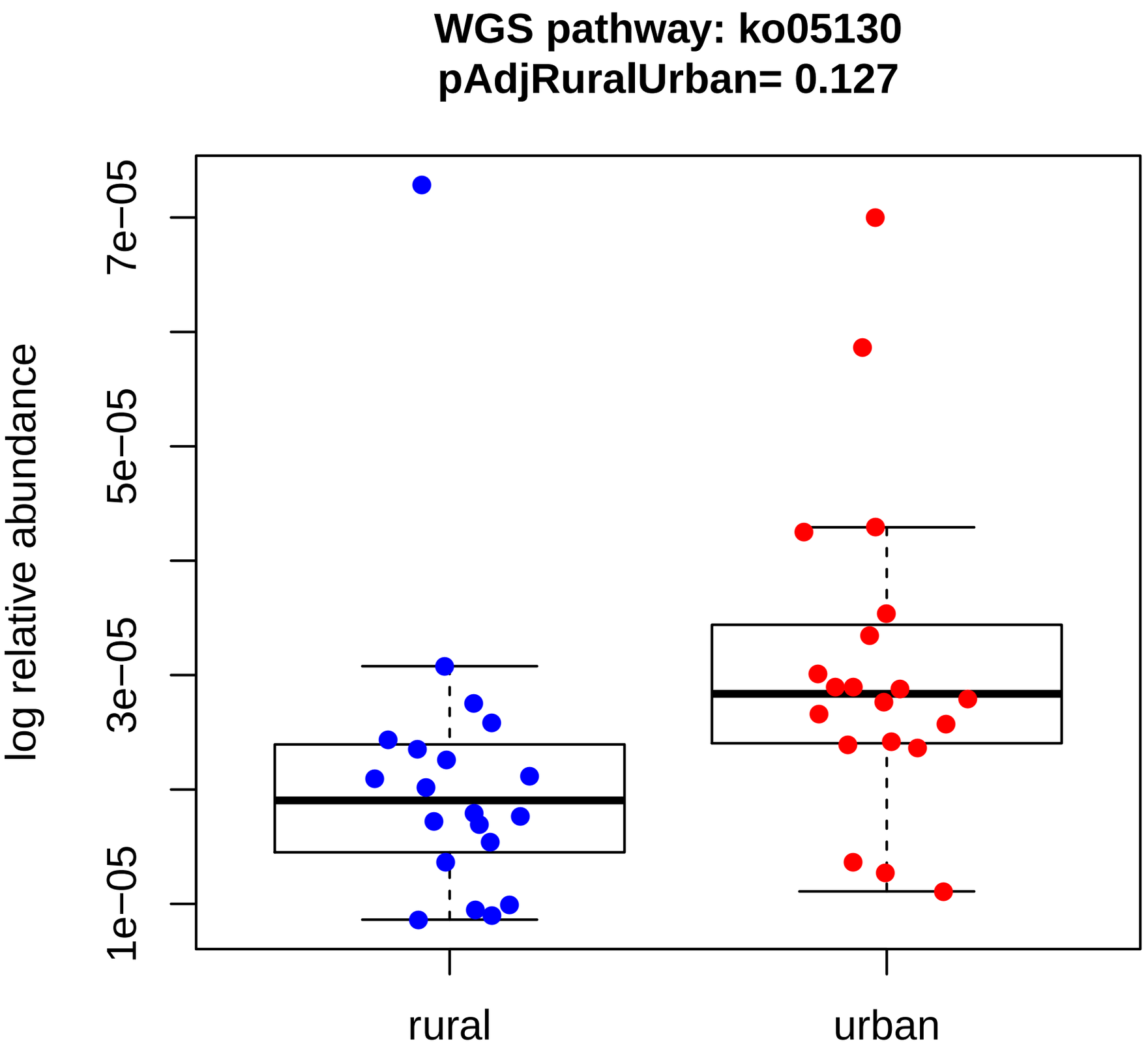

WGS pathway: ko00643
pAdjRuralUrban= 0.123
log relative abundance
0.0015
0.0020
0.0025
rural
urban

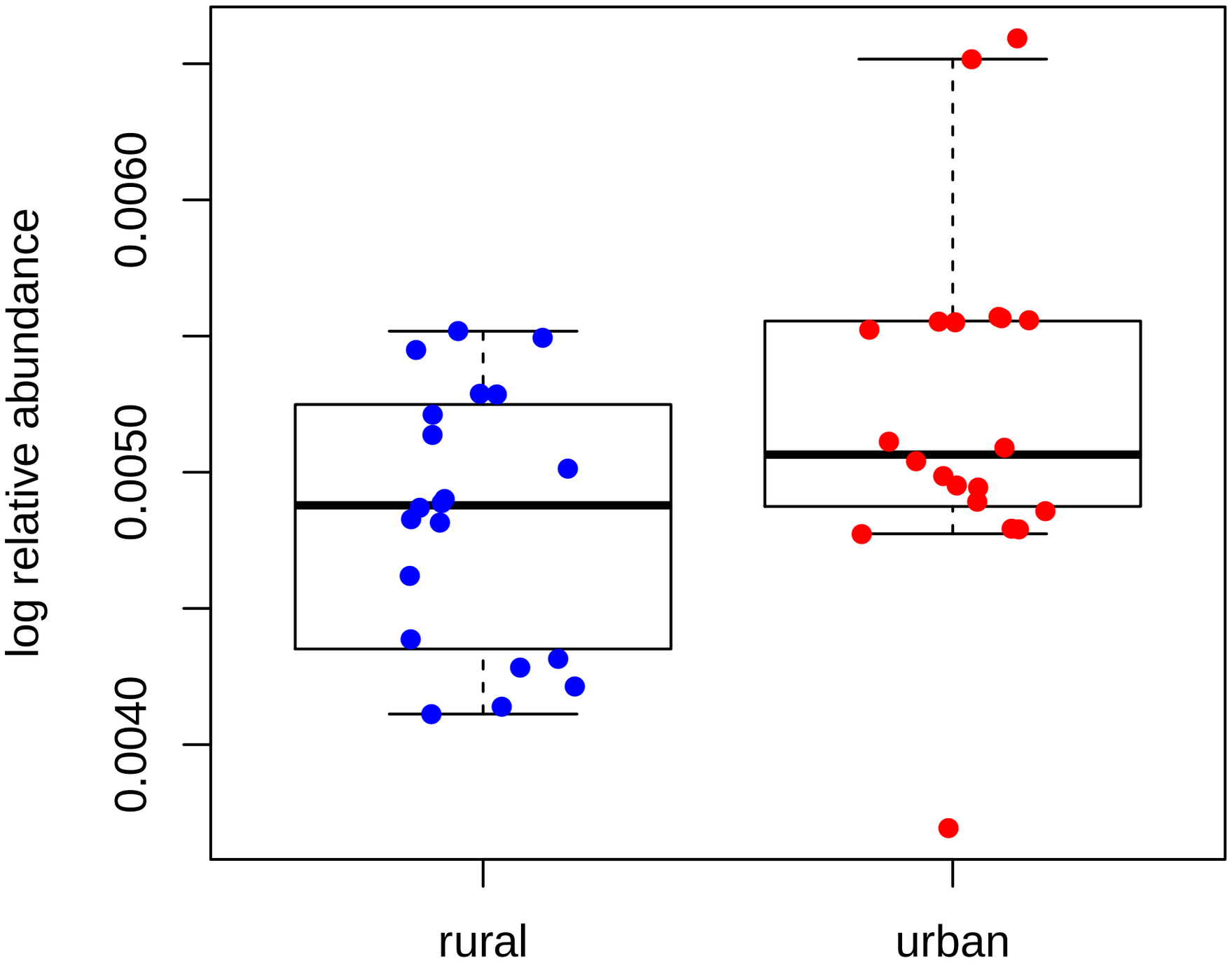

WGS pathway: ko00062
pAdjRuralUrban= 0.123
log relative abundance
0.00015
0.00025
0.00035
0.00045
rural
urban

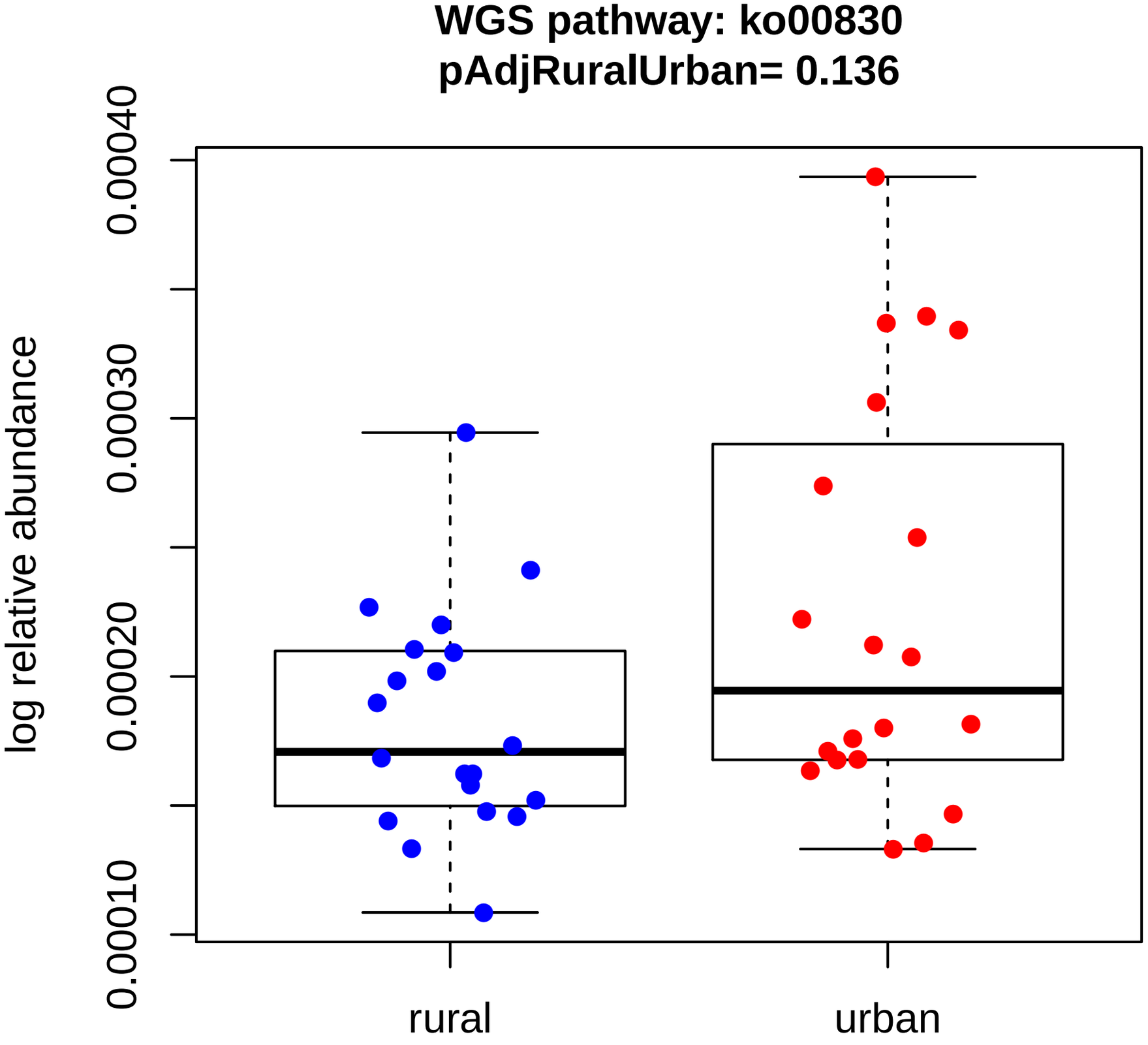

WGS pathway: ko00620
pAdjRuralUrban= 0.123
log relative abundance
0.0105
0.01115
0.0125
rural
urban

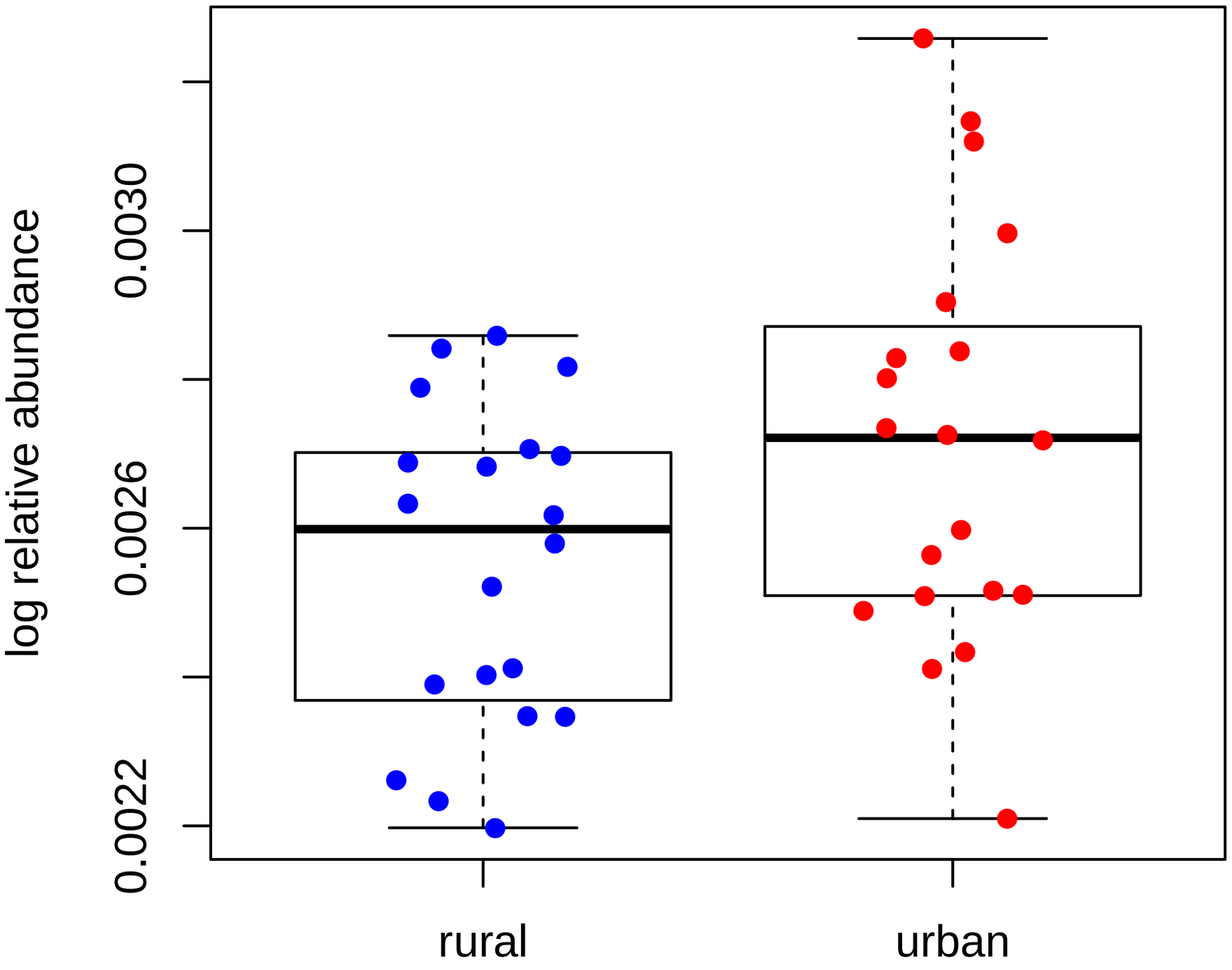

WGS pathway: ko04960
pAdjRuralUrban= 0.126
log relative abundance
1e−05
2e−05
3e−05
4e−05
rural
urban

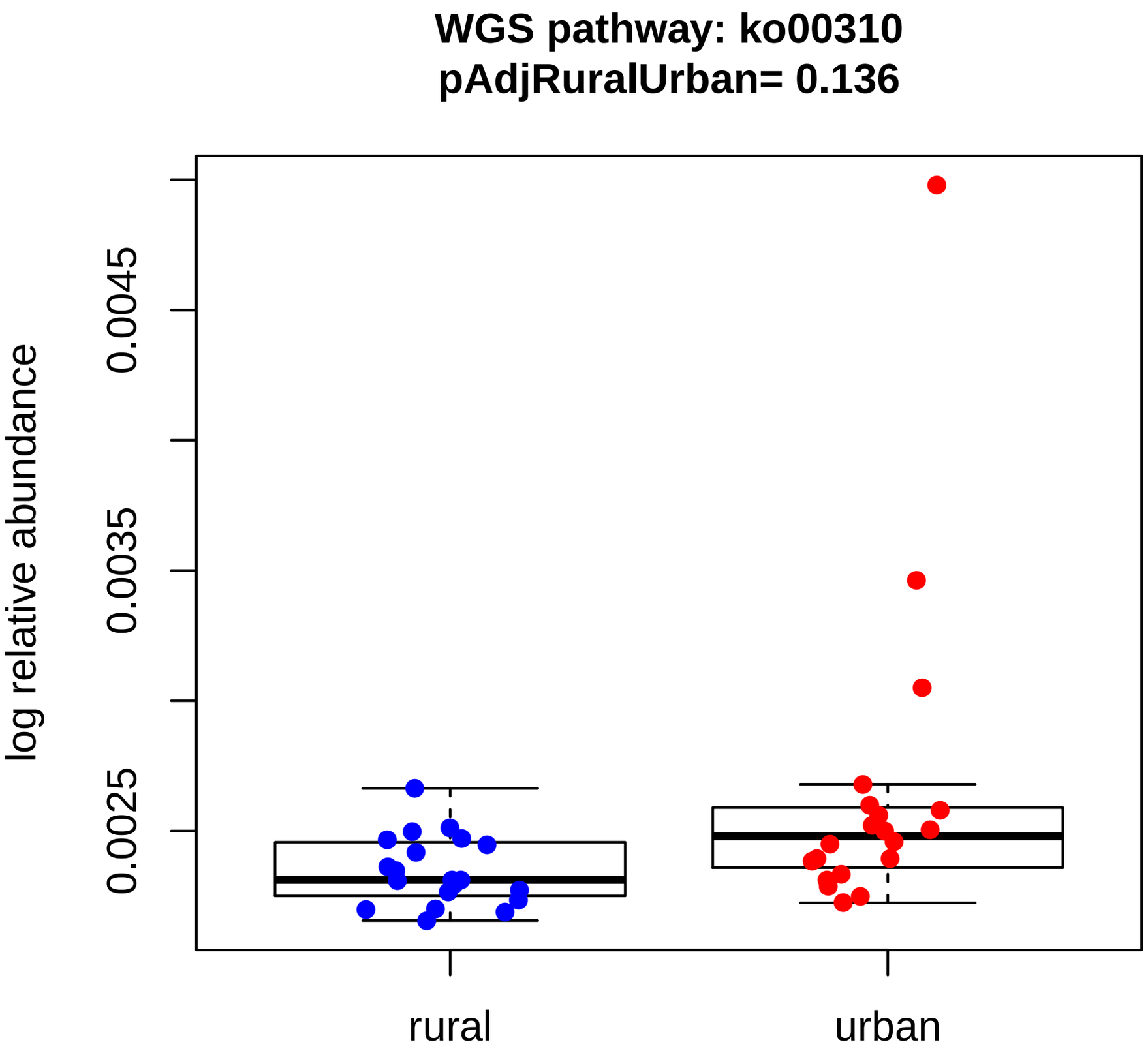

WGS pathway: ko00920
pAdjRuralUrban= 0.127
log relative abundance
0.0085
0.0090
0.0095
0.0100
0.0105
rural
urban

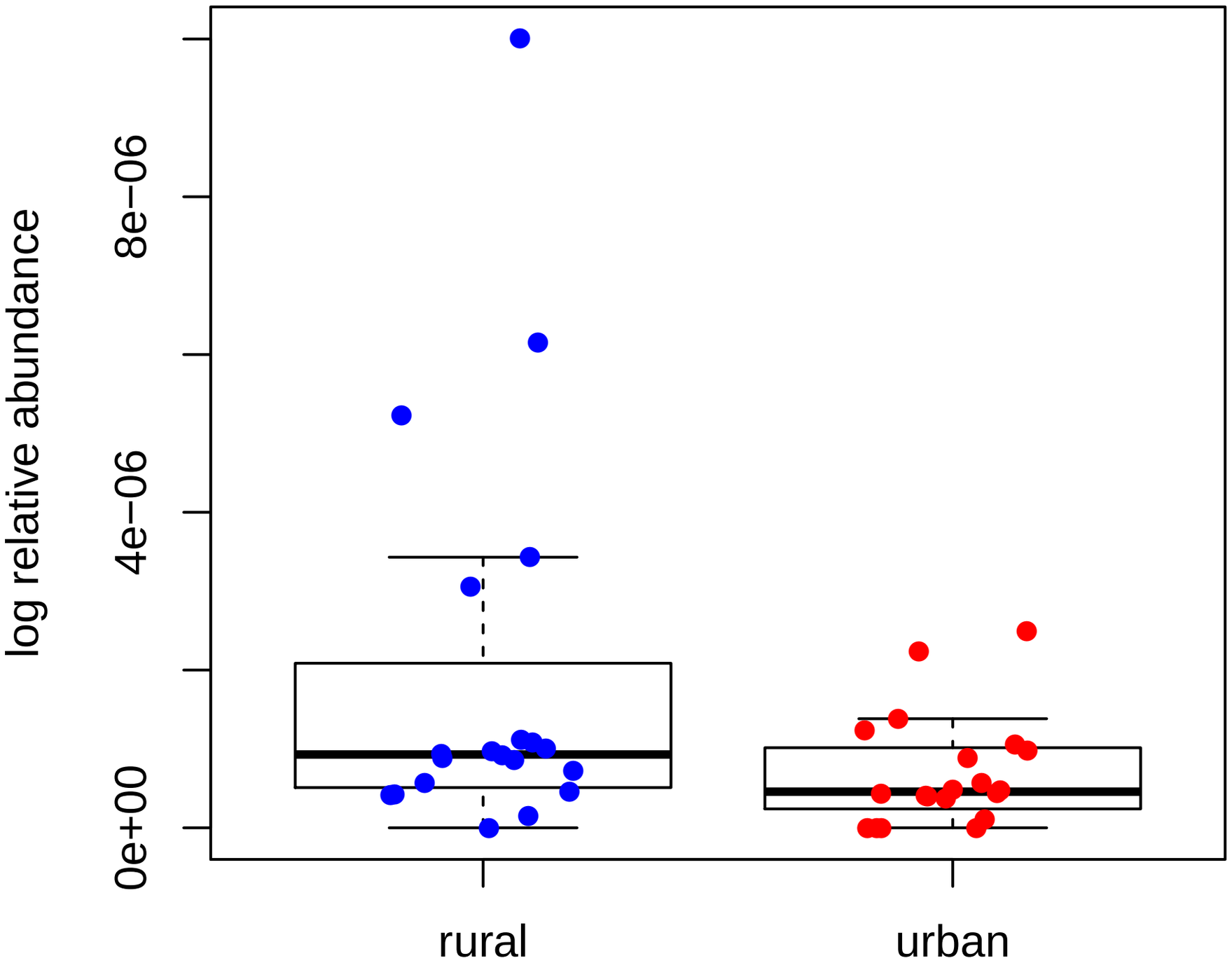

WGS pathway: ko05130
pAdjRuralUrban= 0.127
log relative abundance
1e−05
3e−05
5e−05
7e−05
rural
urban

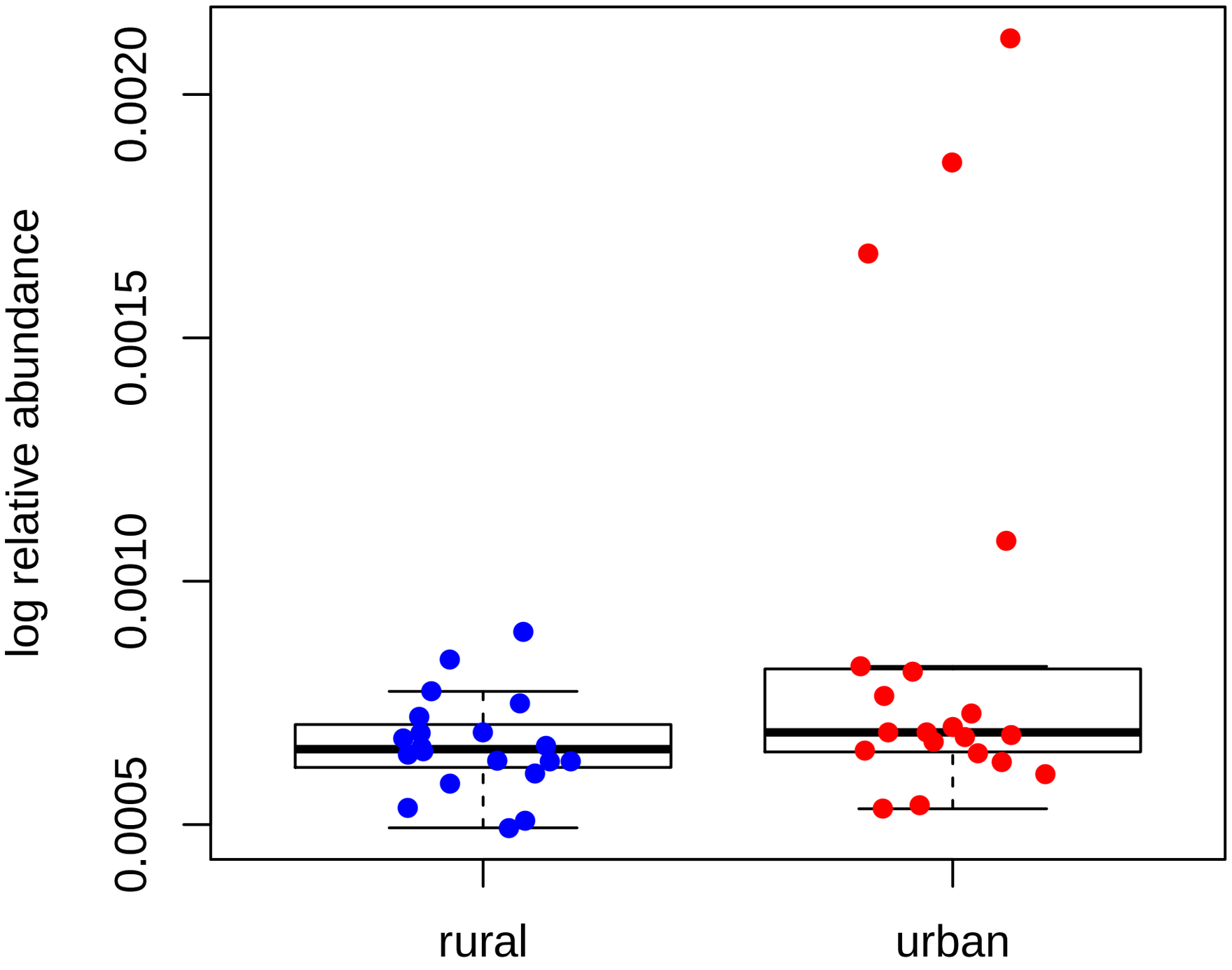

WGS pathway: ko00626
pAdjRuralUrban= 0.13
log relative abundance
0.0040
0.0050
0.0060
rural
urban

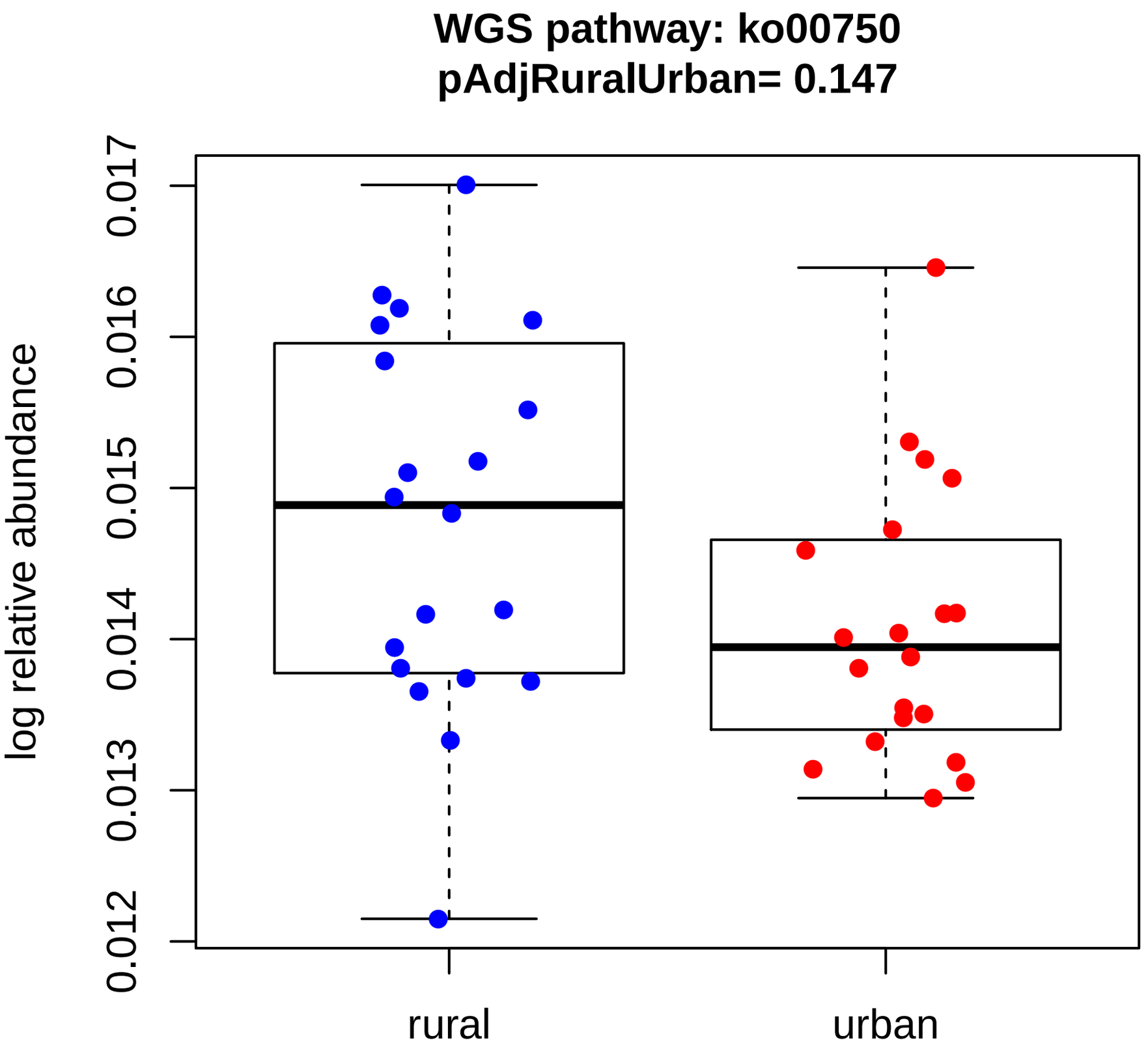

WGS pathway: ko00830
pAdjRuralUrban= 0.136
log relative abundance
0.00040
0.00030
0.00020
0.00010
rural
urban

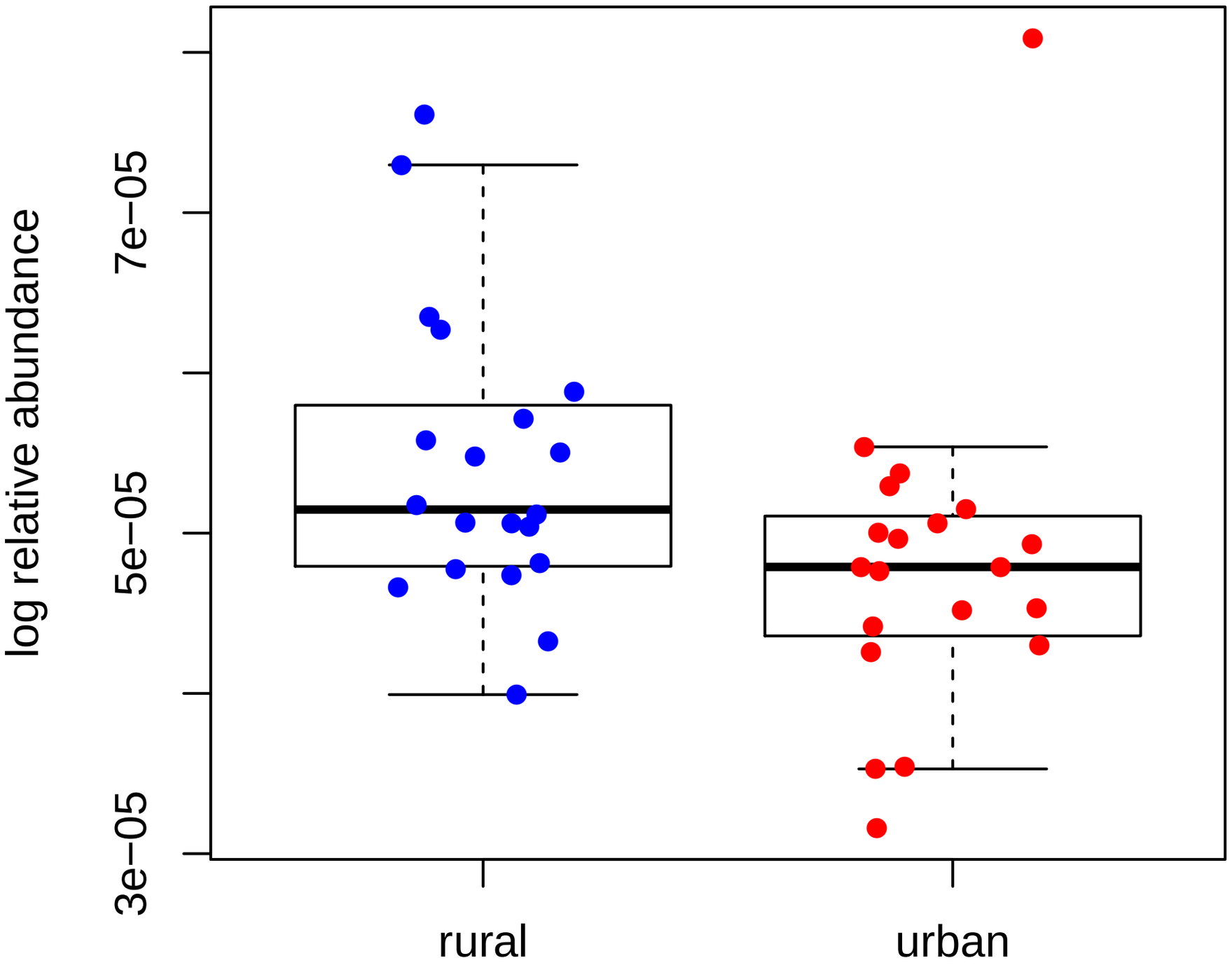

WGS pathway: ko00362
pAdjRuralUrban= 0.136
log relative abundance
0.0022
0.0026
0.0030
rural
urban

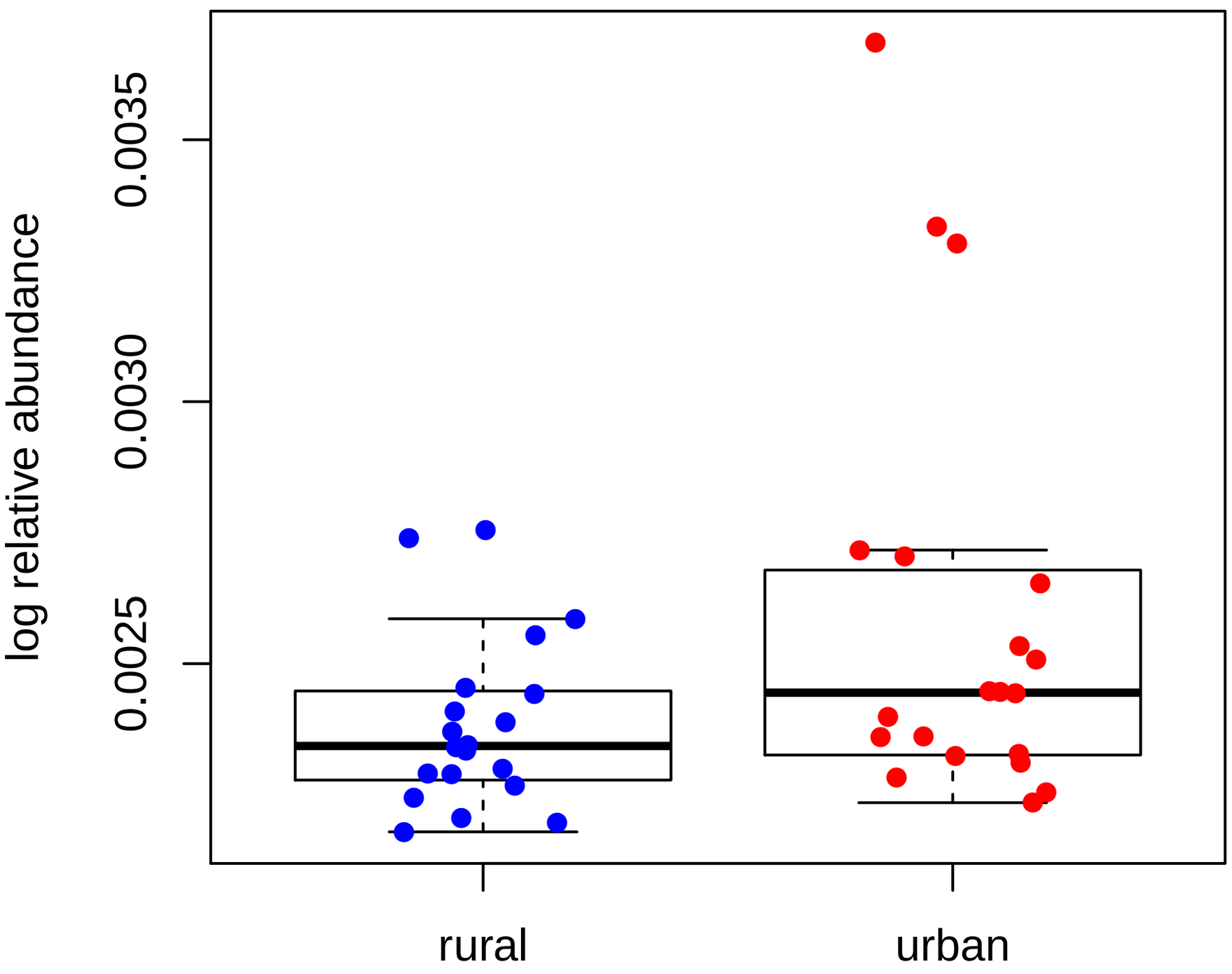

WGS pathway: ko00310
pAdjRuralUrban= 0.136
log relative abundance
0.0025
0.0035
0.0045
rural
urban

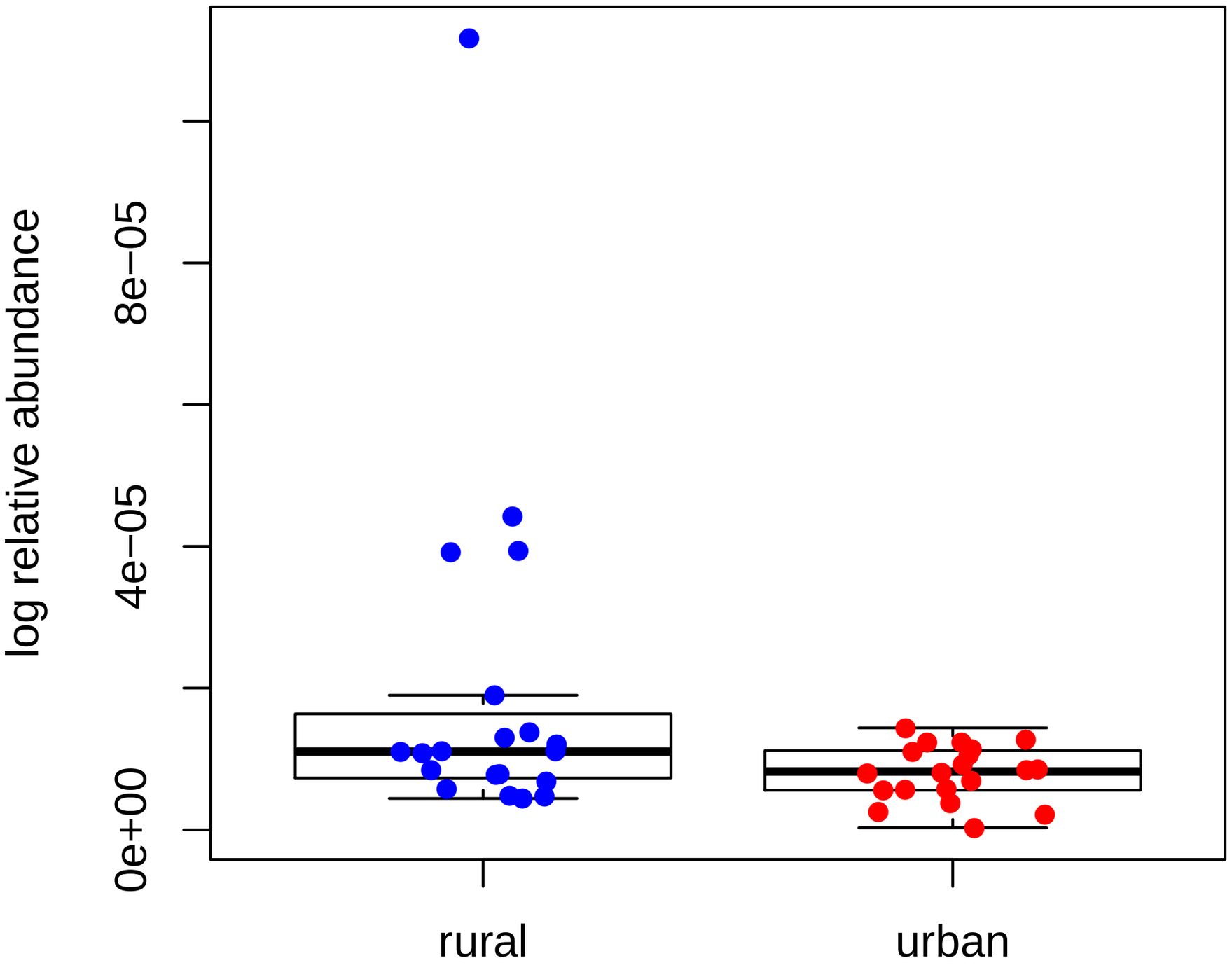

WGS pathway: ko04370
pAdjRuralUrban= 0.144
log relative abundance
0e+00
4e−06
8e−06
rural
urban

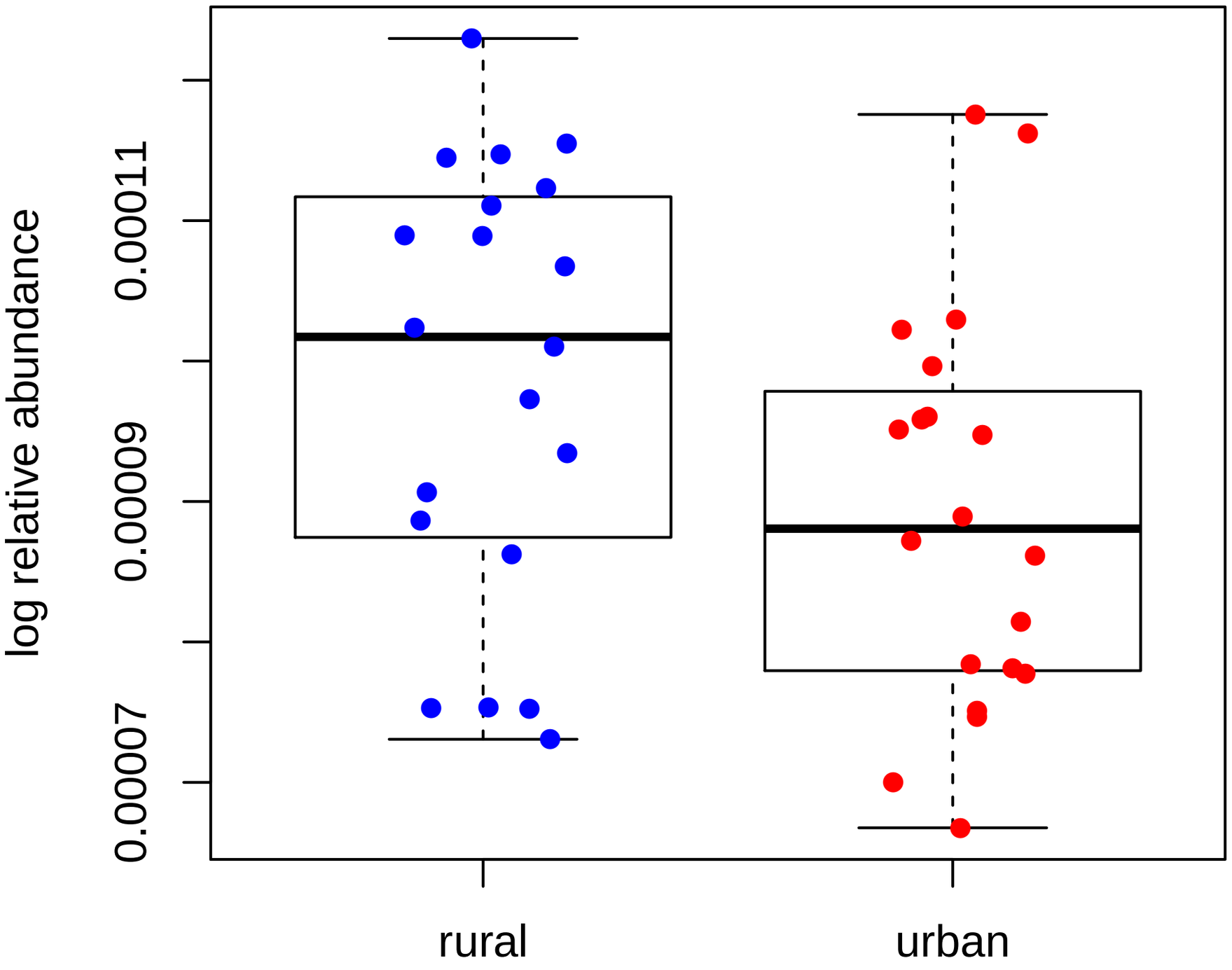

WGS pathway: ko00592
pAdjRuralUrban= 0.144
log relative abundance
0.0005
0.0010
0.0015
0.0020
rural
urban

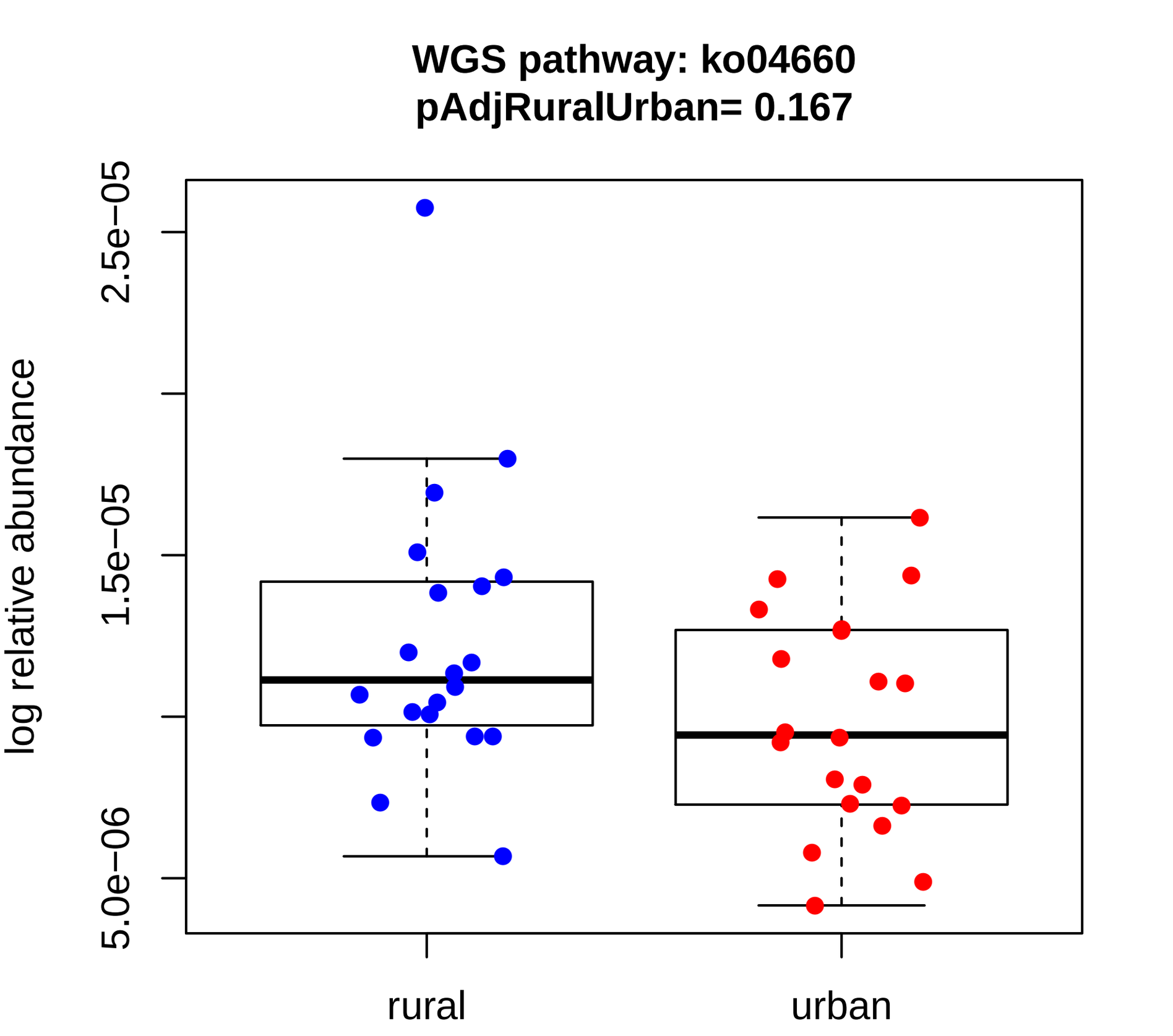

WGS pathway: ko00750
pAdjRuralUrban= 0.147
log relative abundance
0.012
0.013
0.014
0.015
0.016
0.017
rural
urban

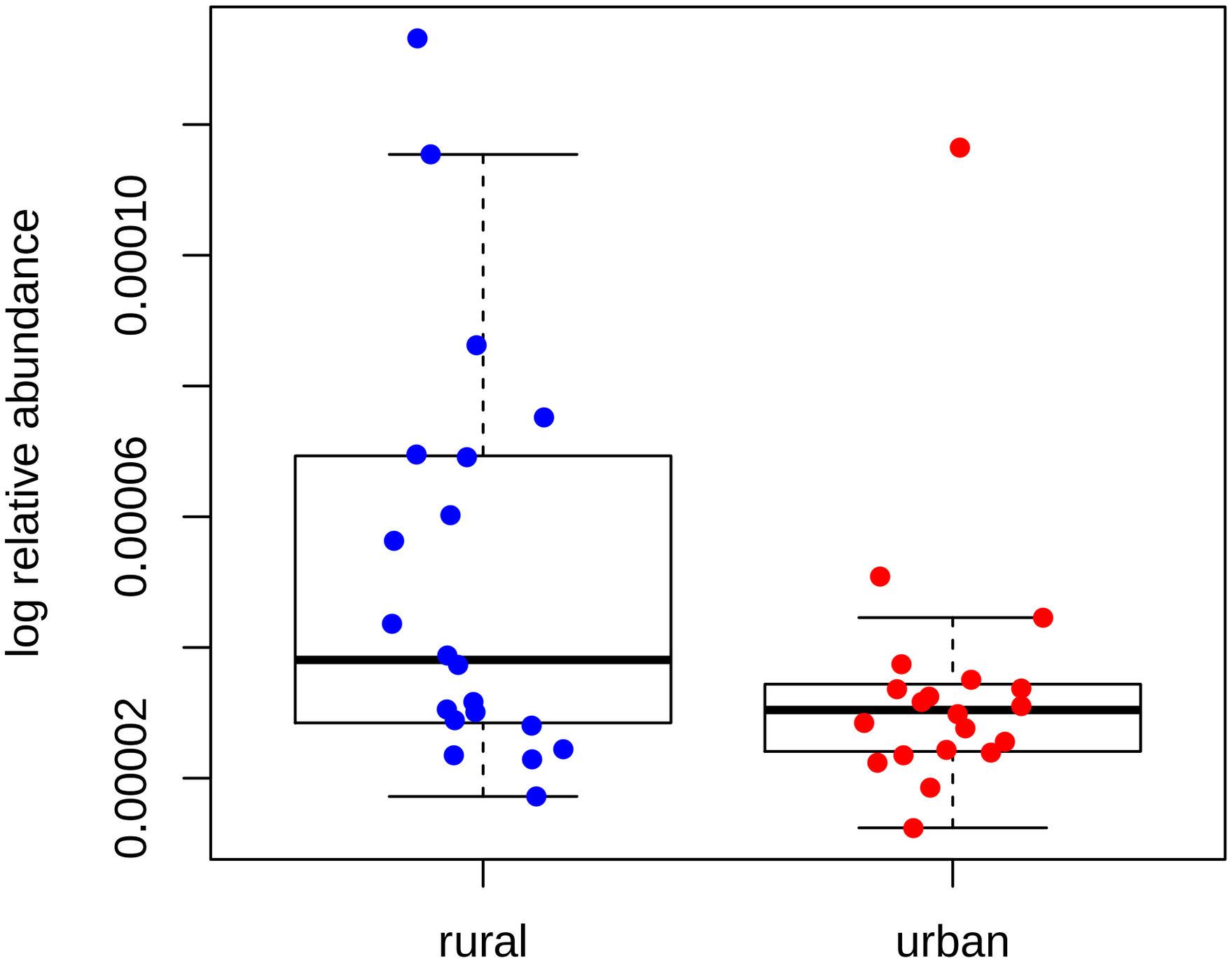

WGS pathway: ko04976
pAdjRuralUrban= 0.147
log relative abundance
3e−05
5e−05
7e−05
rural
urban

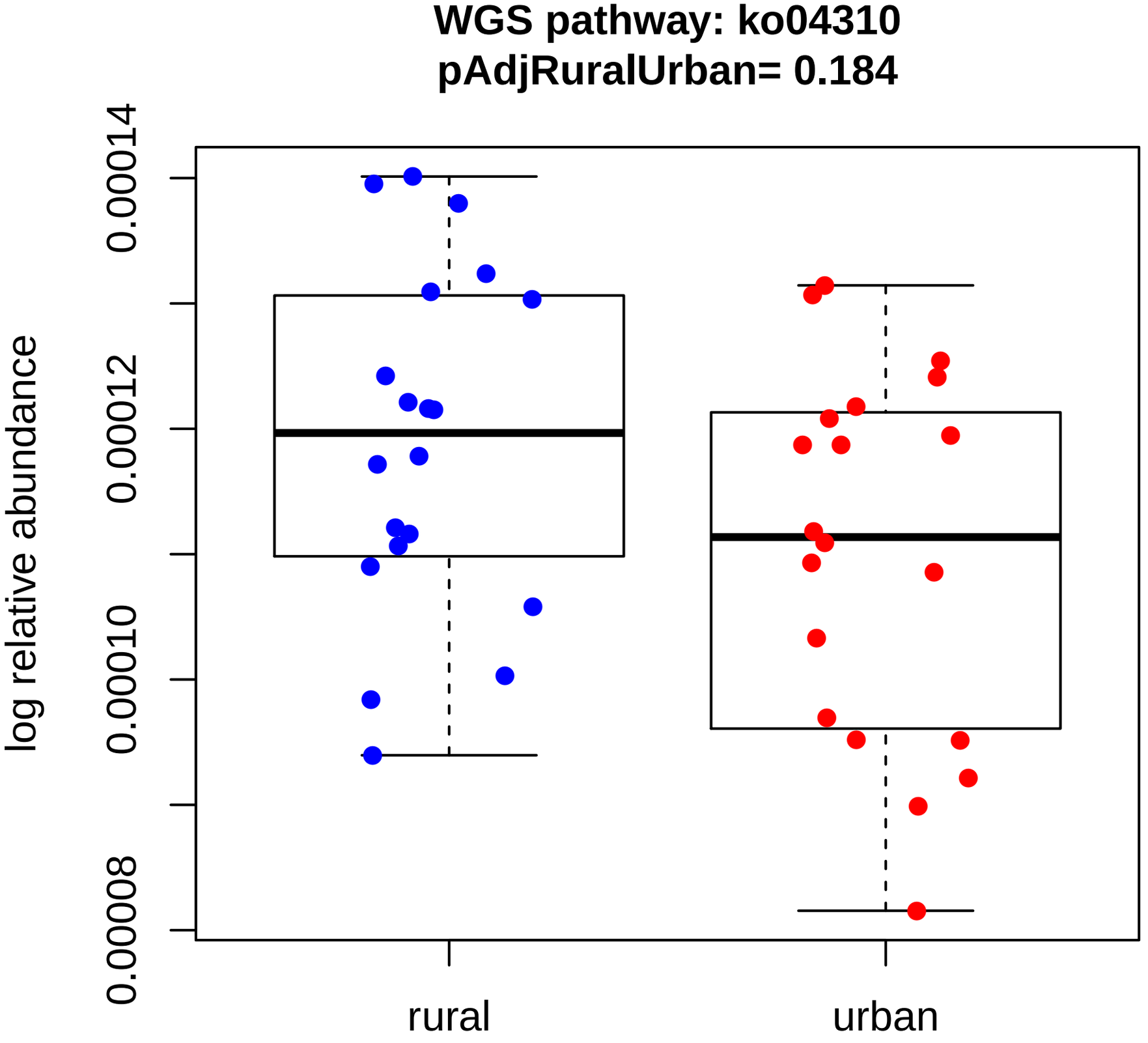

WGS pathway: ko01040
pAdjRuralUrban= 0.154
log relative abundance
0.0025
0.0030
0.0035
rural
urban

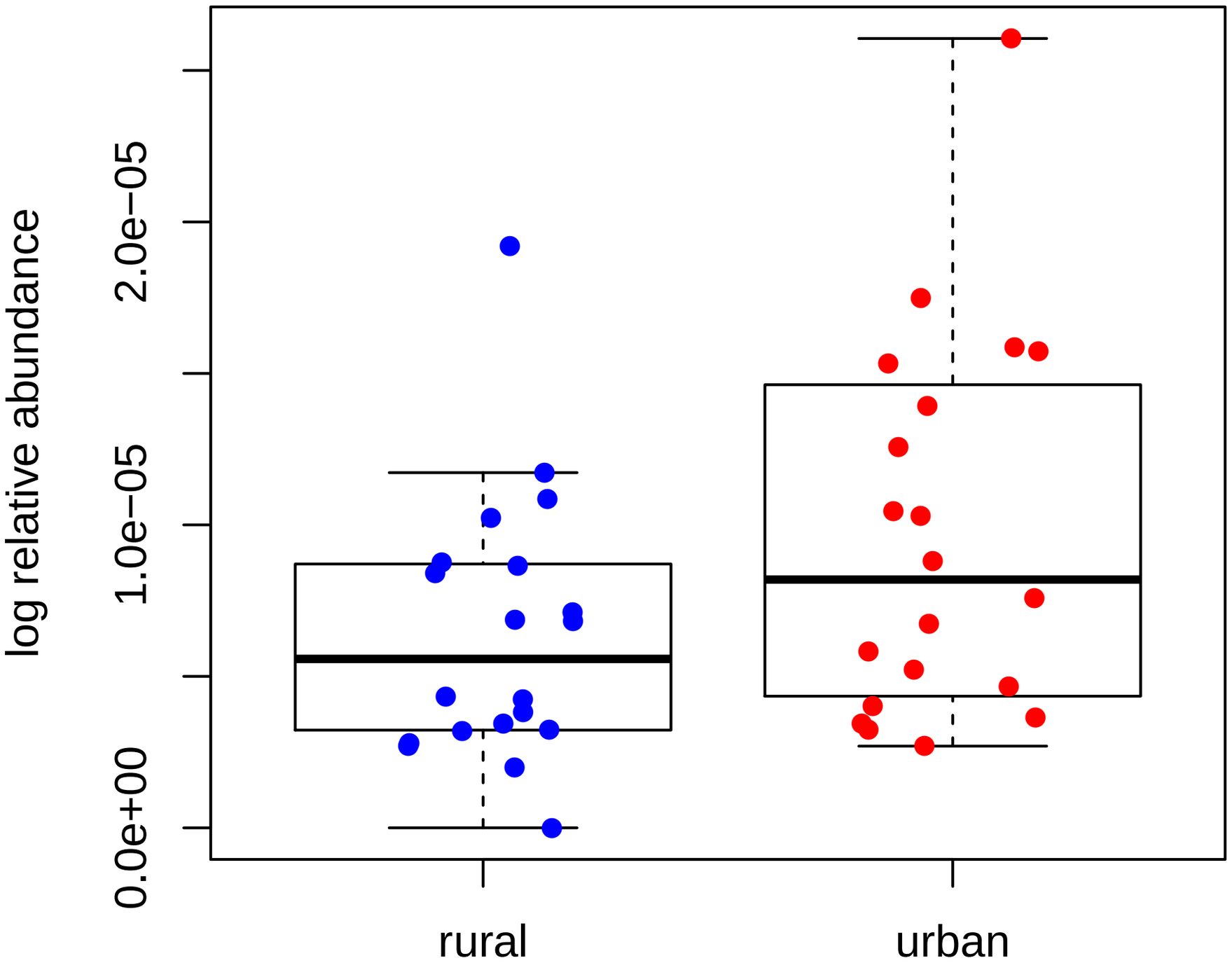

WGS pathway: ko00901
pAdjRuralUrban= 0.154
log relative abundance
0e+00
4e−05
8e−05
rural
urban

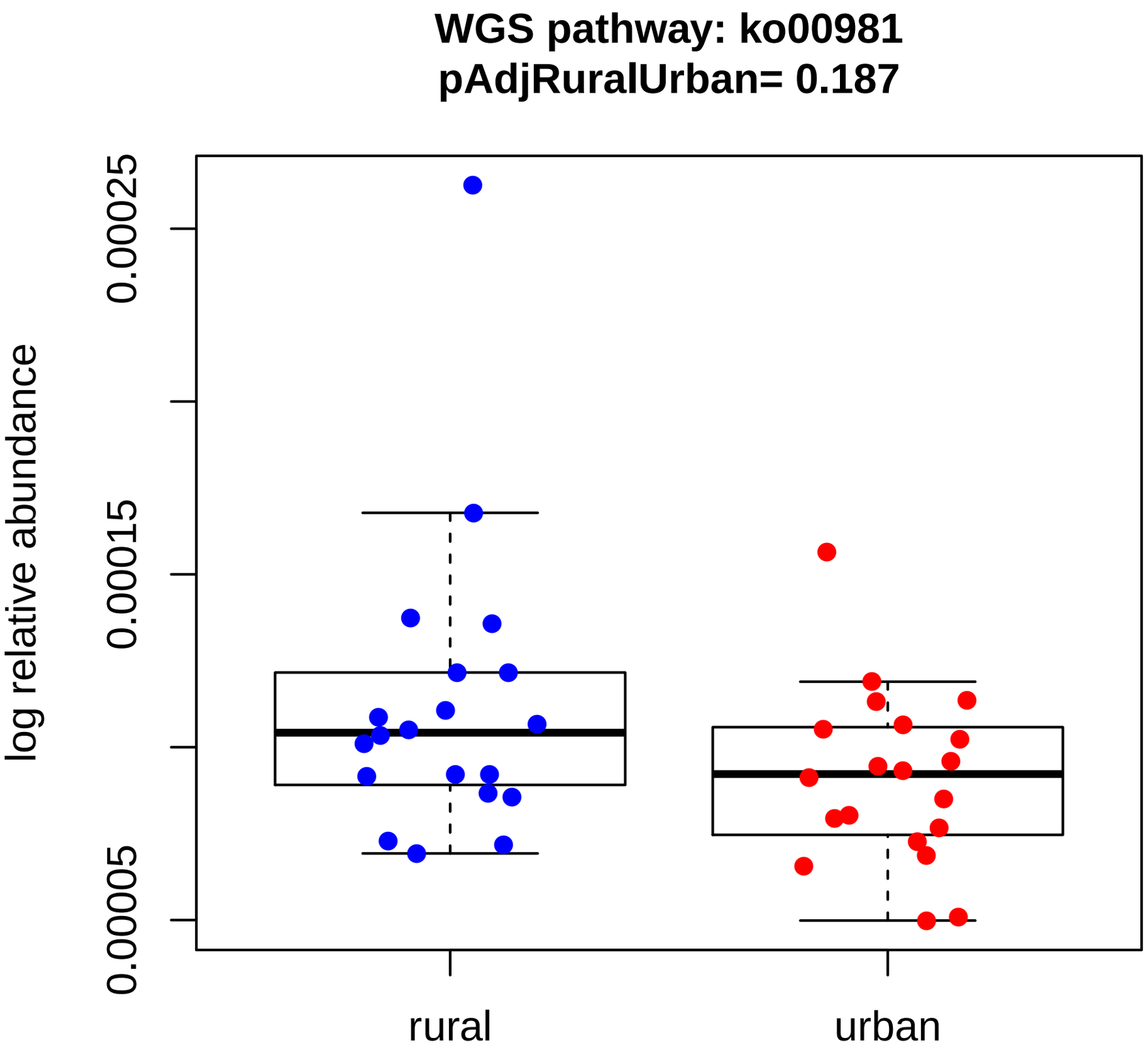

WGS pathway: ko04622
pAdjRuralUrban= 0.162
log relative abundance
0.00007
0.00009
0.00011
rural
urban

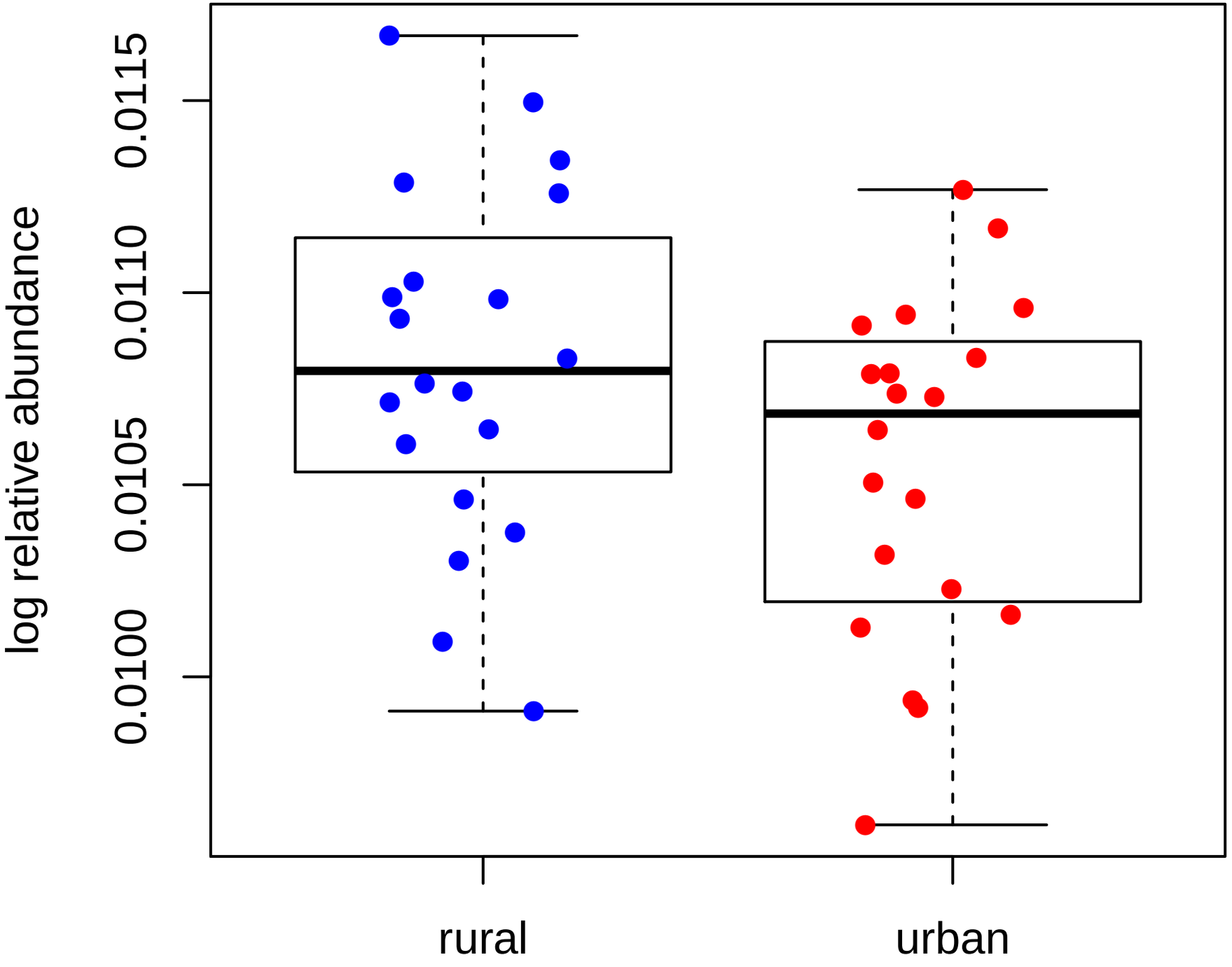

WGS pathway: ko04660
pAdjRuralUrban= 0.167
log relative abundance
5.0e−06
1.5e−05
2.5e−05
rural
urban

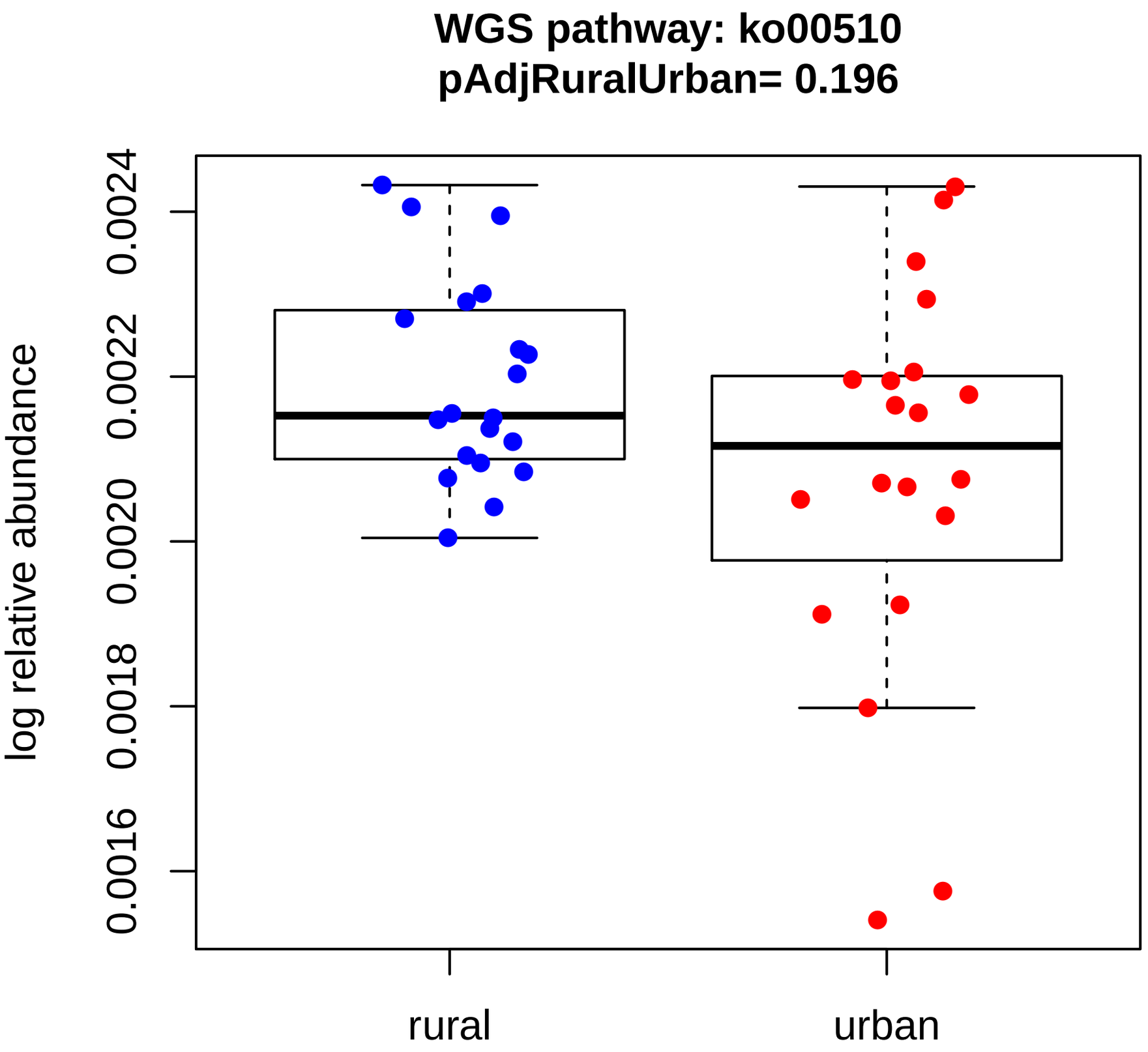

WGS pathway: ko00980
pAdjRuralUrban= 0.167
log relative abundance
0.00002
0.00006
0.00010
rural
urban

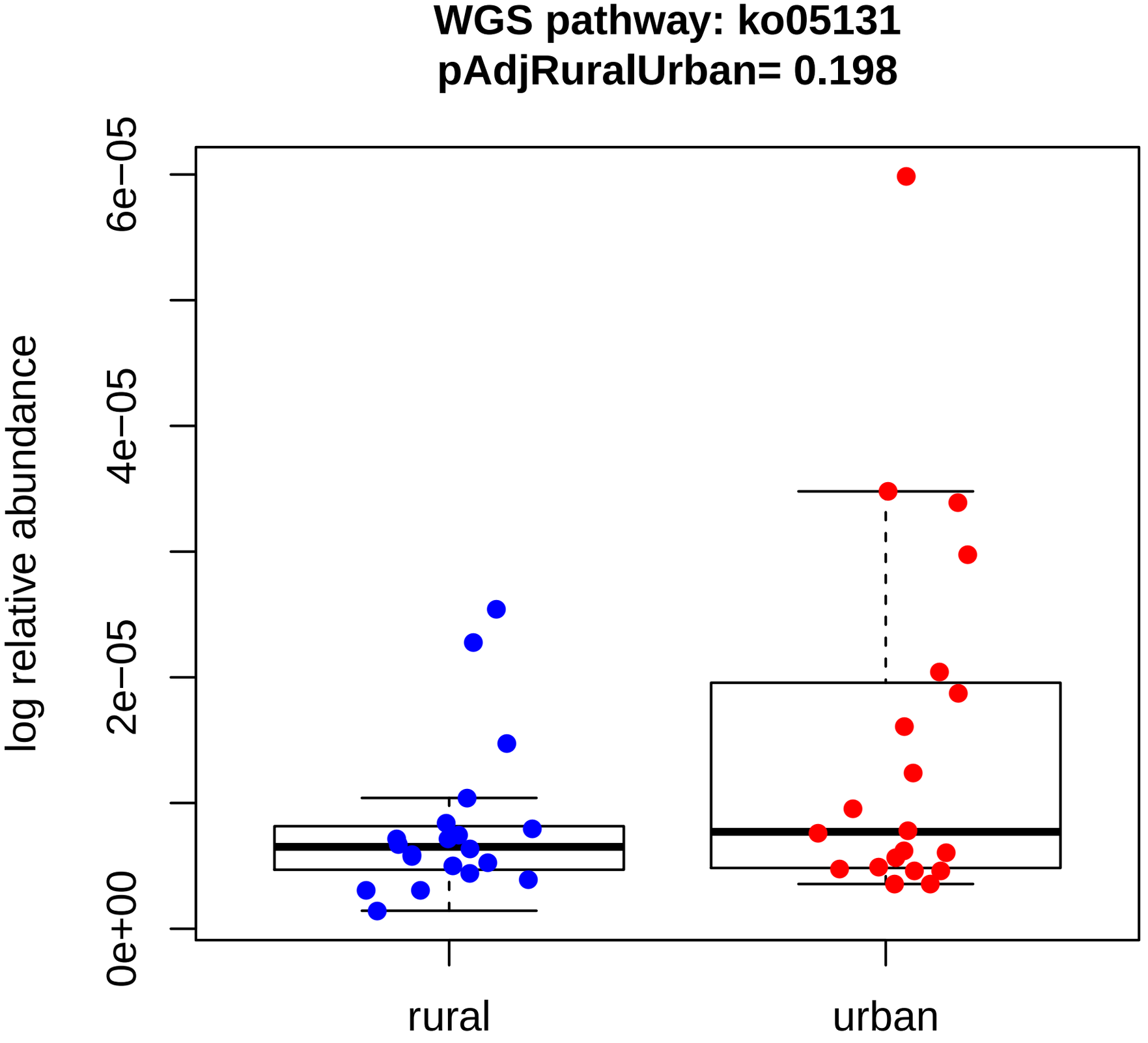

WGS pathway: ko04310
pAdjRuralUrban= 0.184
log relative abundance
0.00014
0.00012
0.00010
0.00008
rural
urban

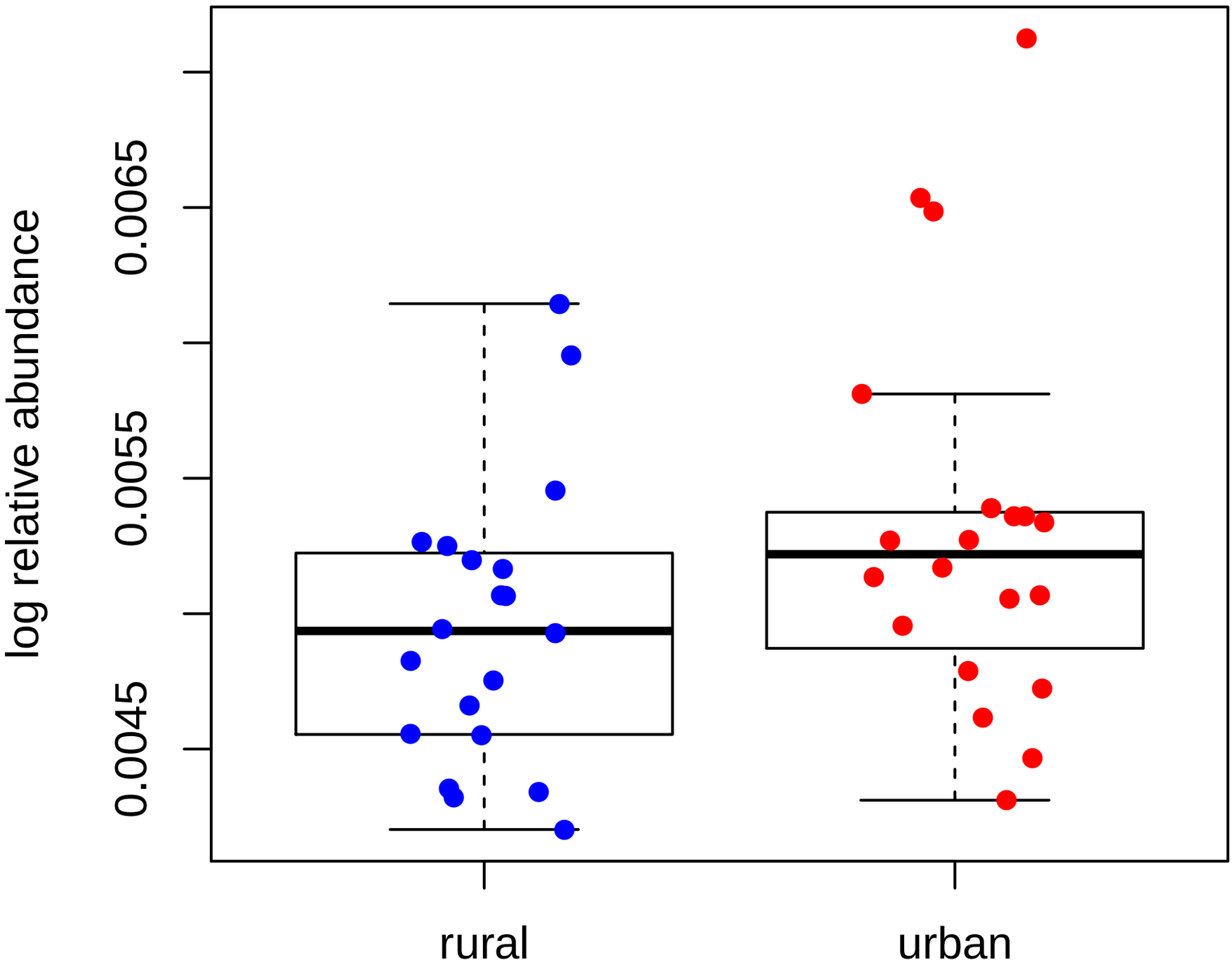

WGS pathway: ko04930
pAdjRuralUrban= 0.187
log relative abundance
0.0e+00
1.0e−05
2.0e−05
rural
urban

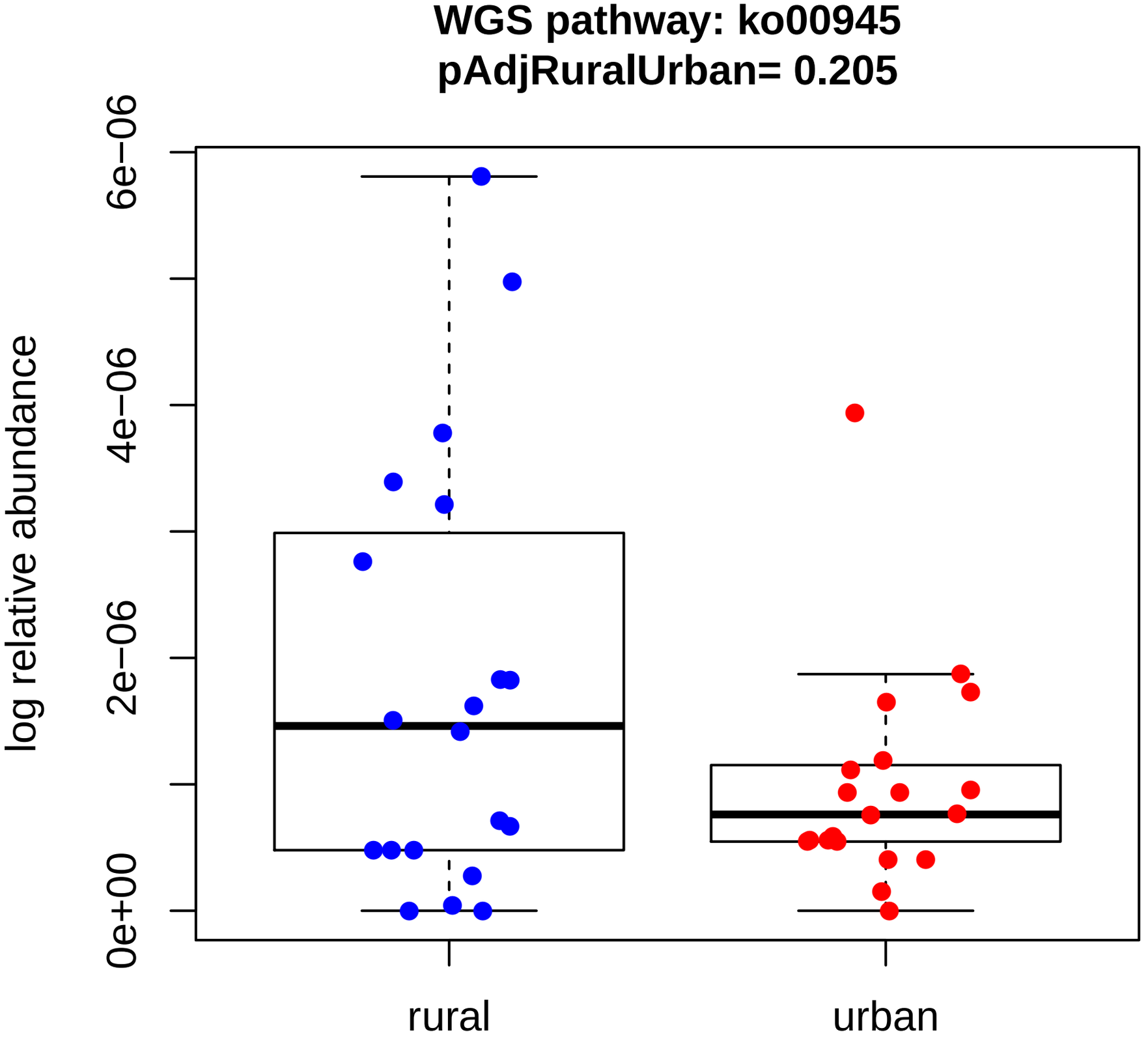

WGS pathway: ko00981
pAdjRuralUrban= 0.187
log relative abundance
0.00025
0.00015
0.00005
rural
urban

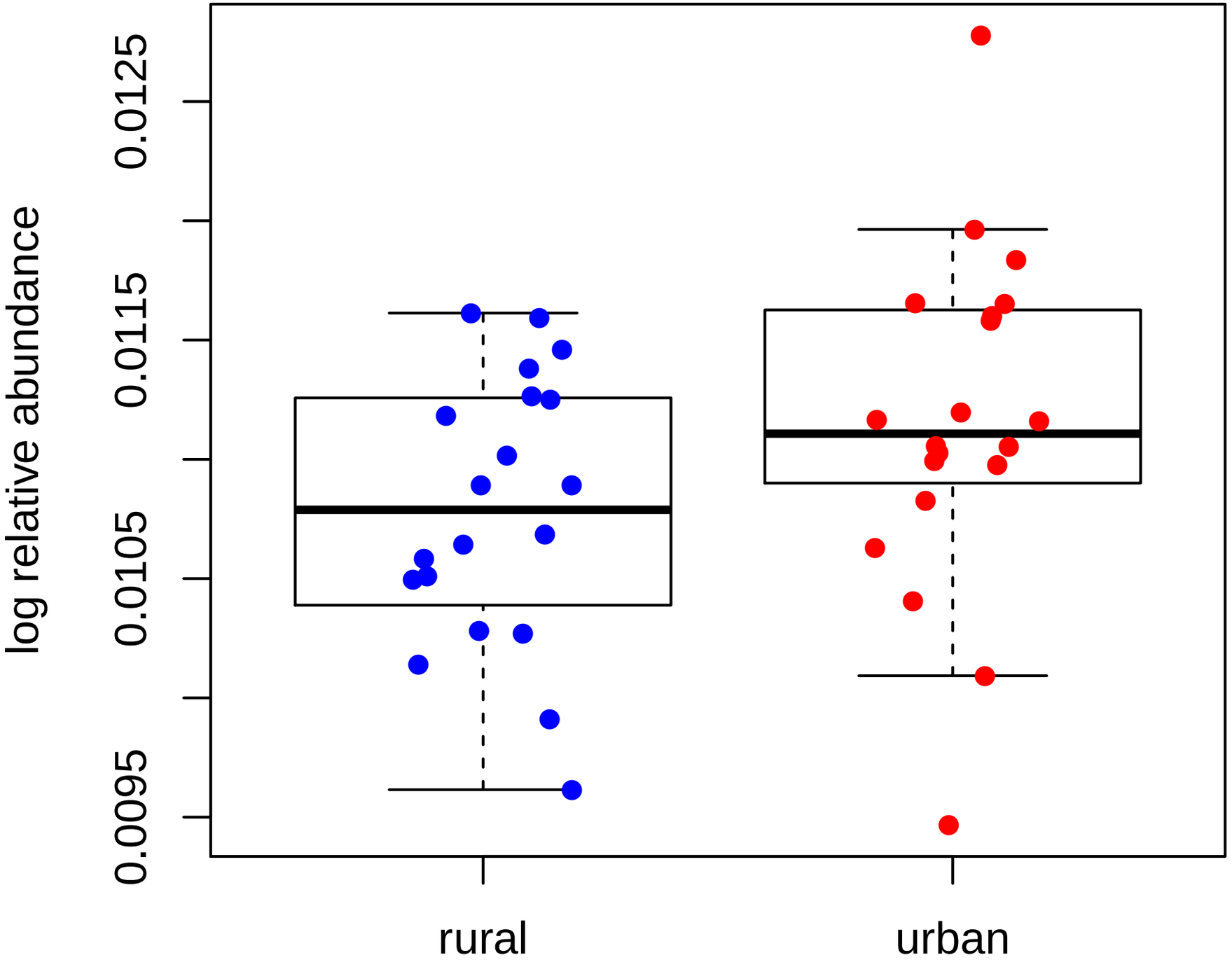

WGS pathway: ko03410
pAdjRuralUrban= 0.195
log relative abundance
0.0100
0.0105
0.0110
0.0115
rural
urban

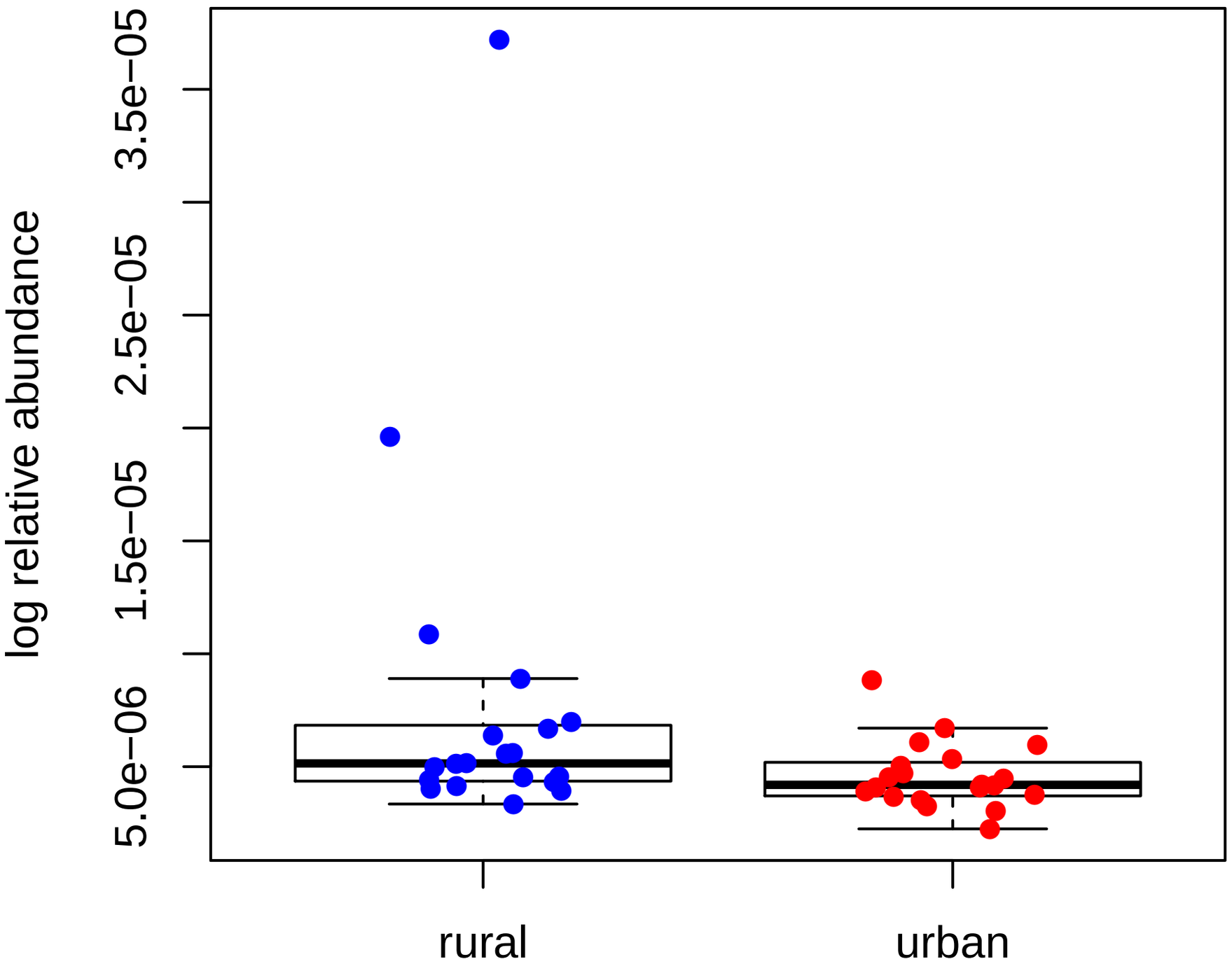

WGS pathway: ko00510
pAdjRuralUrban= 0.196
log relative abundance
0.0016
0.0018
0.0020
0.0022
0.0024
rural
urban

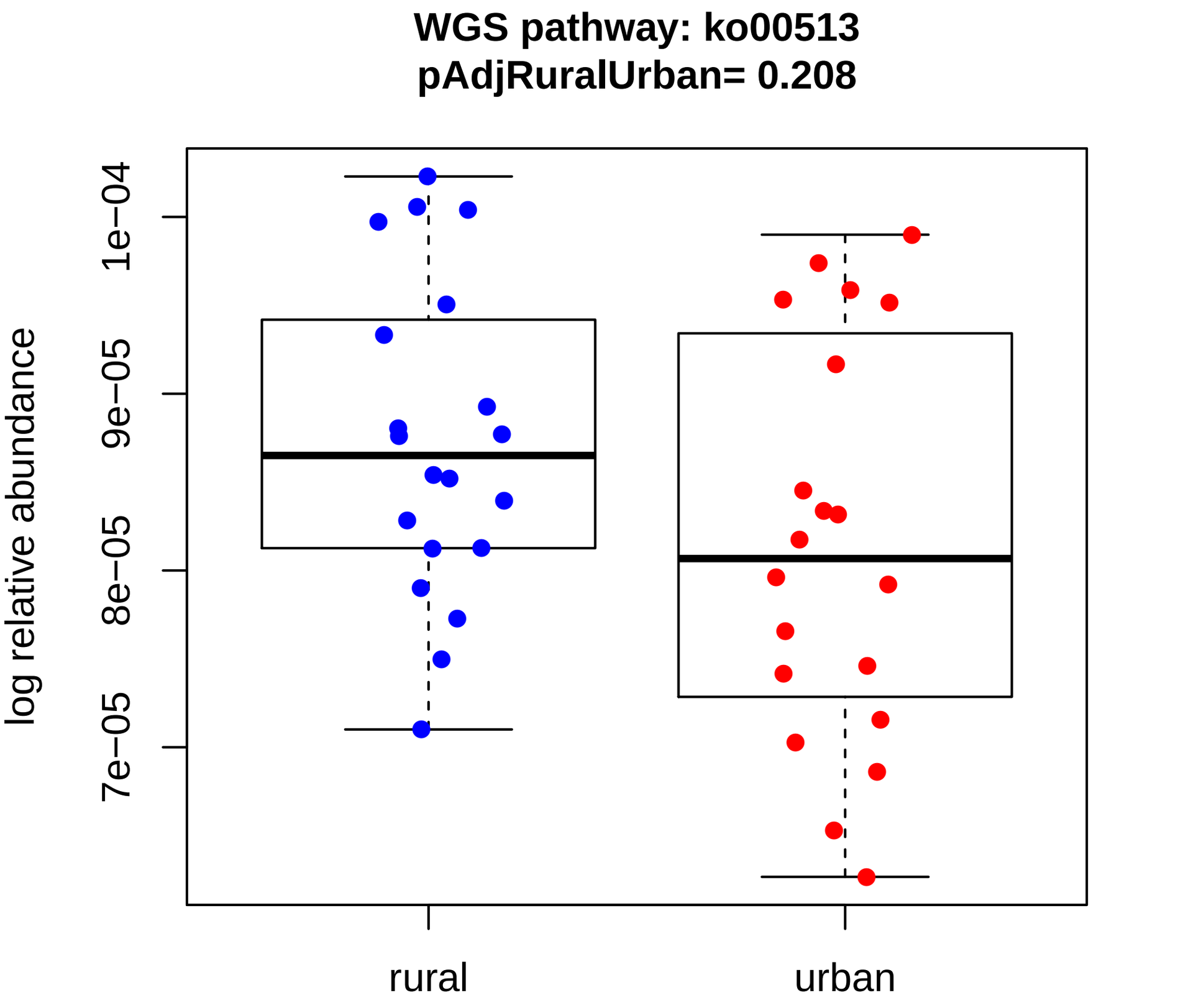

WGS pathway: ko05131
pAdjRuralUrban= 0.198
log relative abundance
0e+00
2e−05
4e−05
6e−05
rural
urban

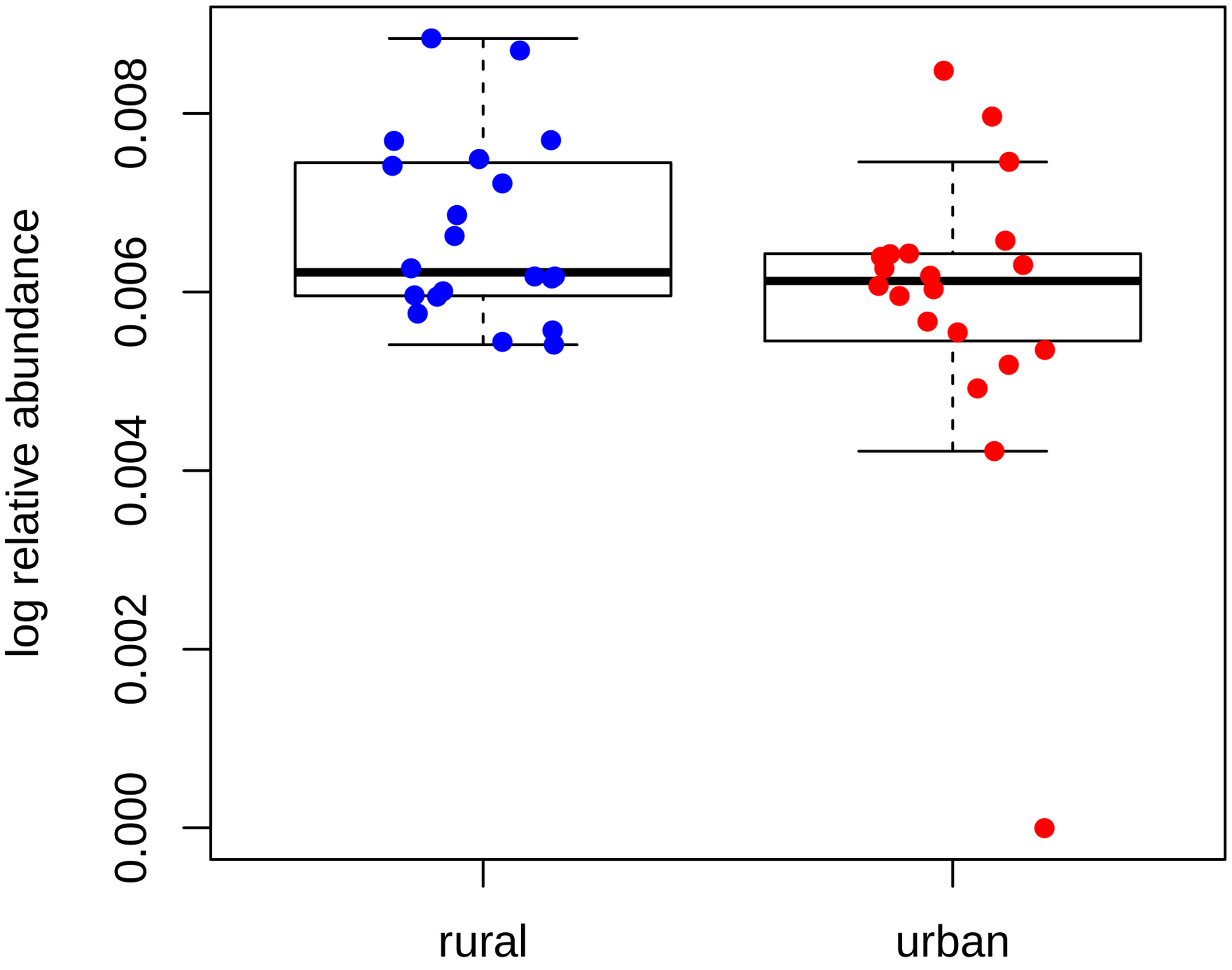

WGS pathway: ko02010
pAdjRuralUrban= 0.205
log relative abundance
0.0045
0.0055
0.0065
rural
urban

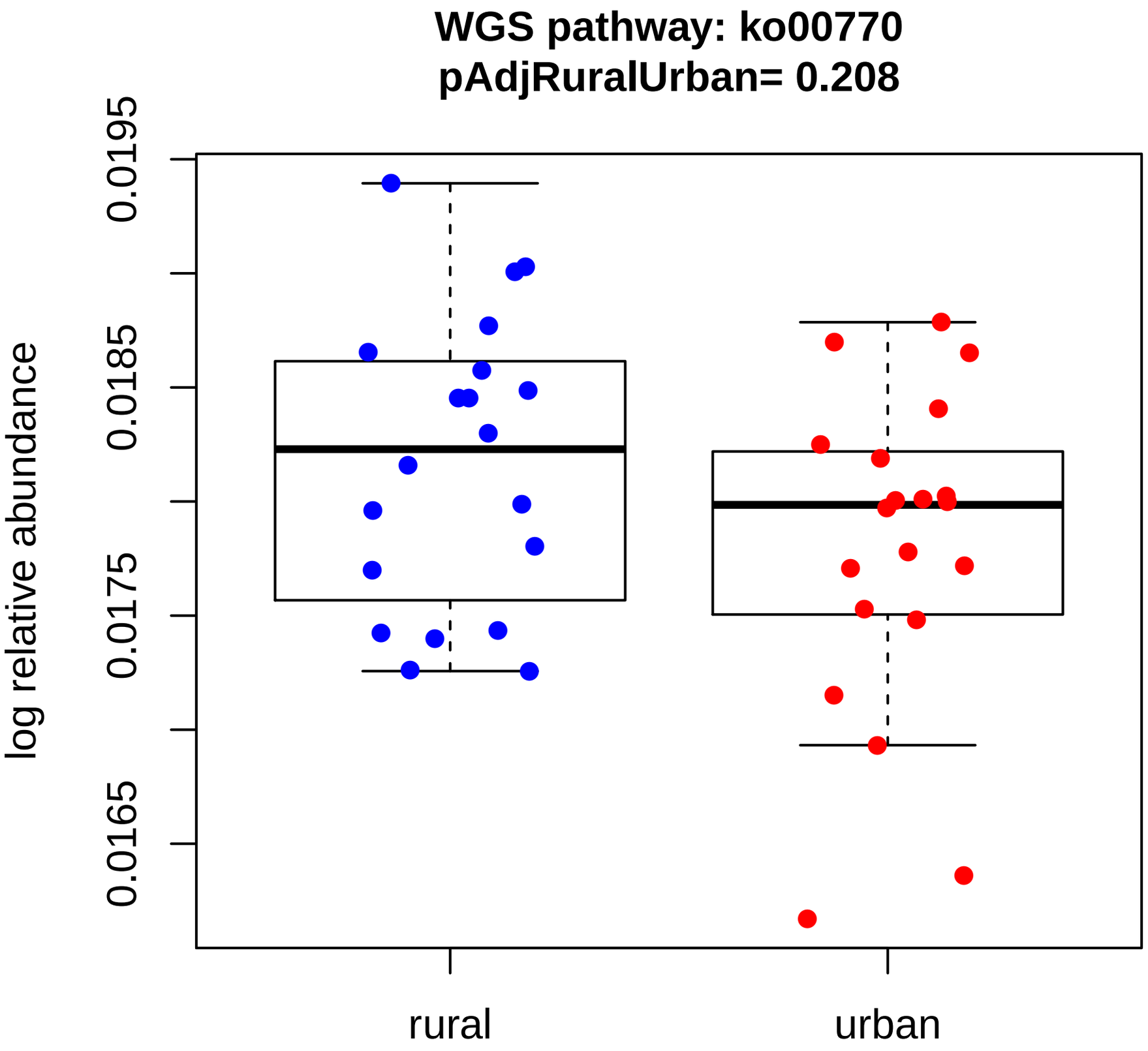

WGS pathway: ko00945
pAdjRuralUrban= 0.205
log relative abundance
0e+00
2e−06
4e−06
6e−06
rural
urban

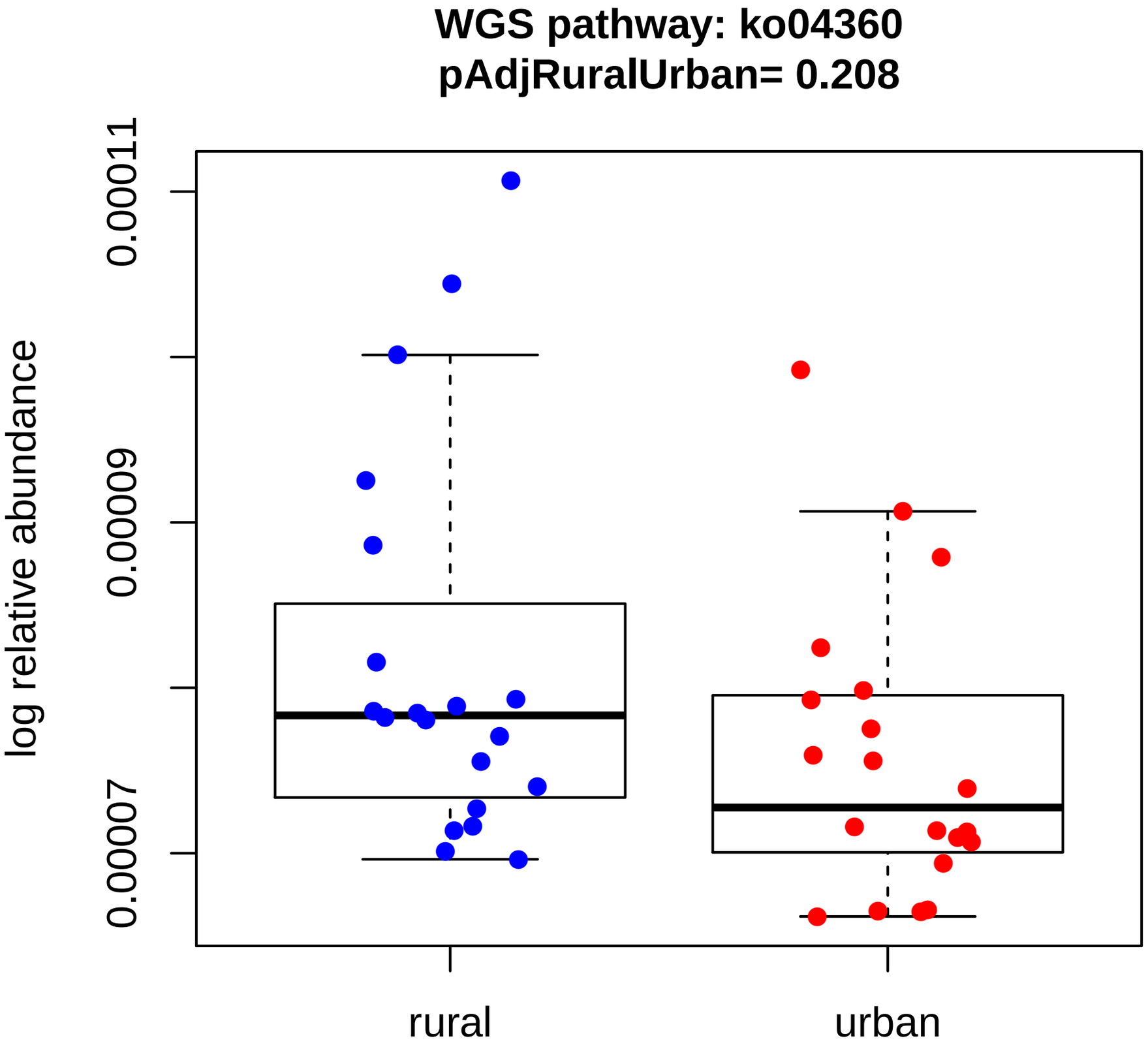

WGS pathway: ko00052
pAdjRuralUrban= 0.207
log relative abundance
0.0095
0.0105
0.0115
0.0125
rural
urban

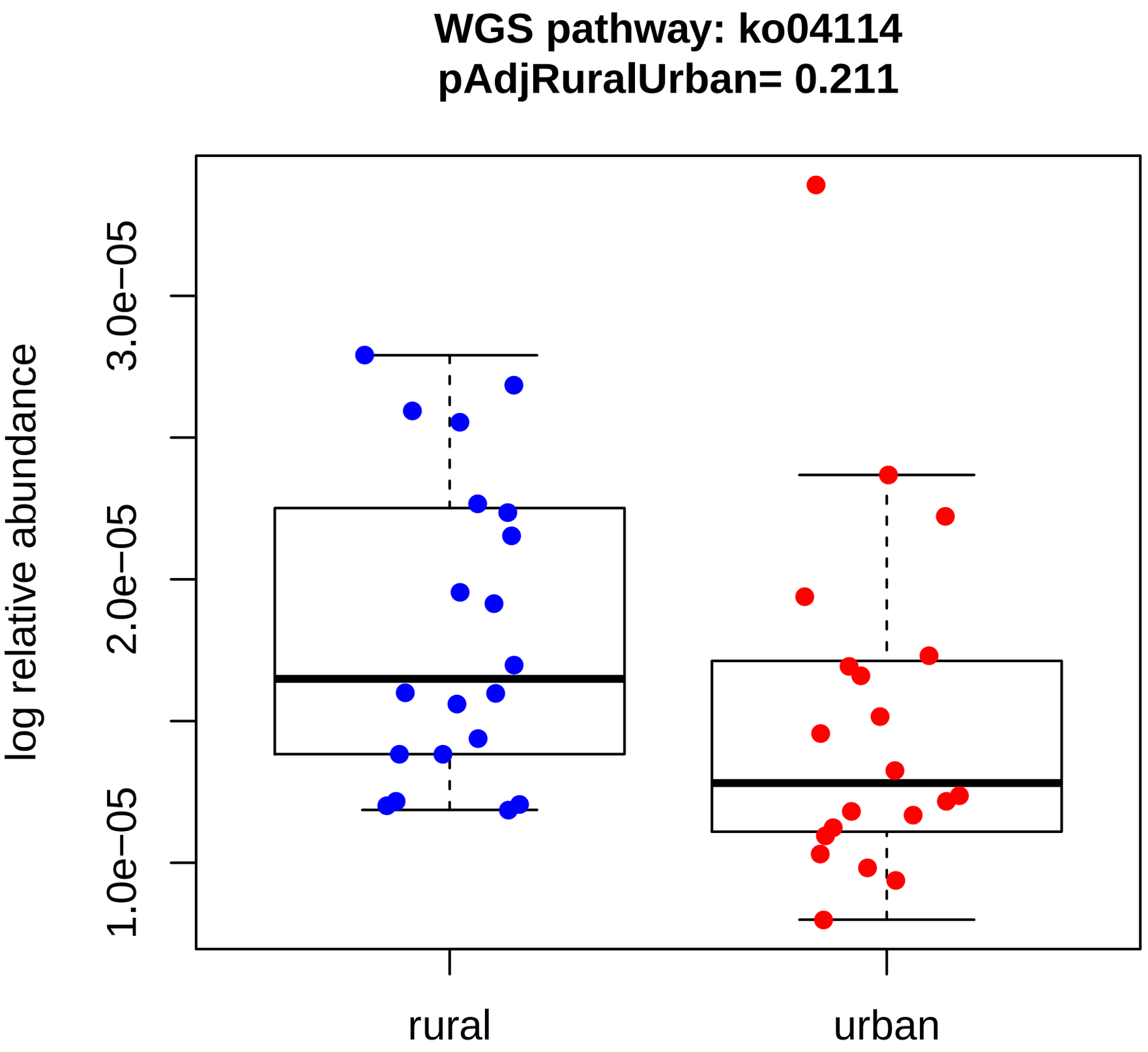

WGS pathway: ko05140
pAdjRuralUrban= 0.207
log relative abundance
5.0e−06
1.5e−05
2.5e−05
3.5e−05
rural
urban

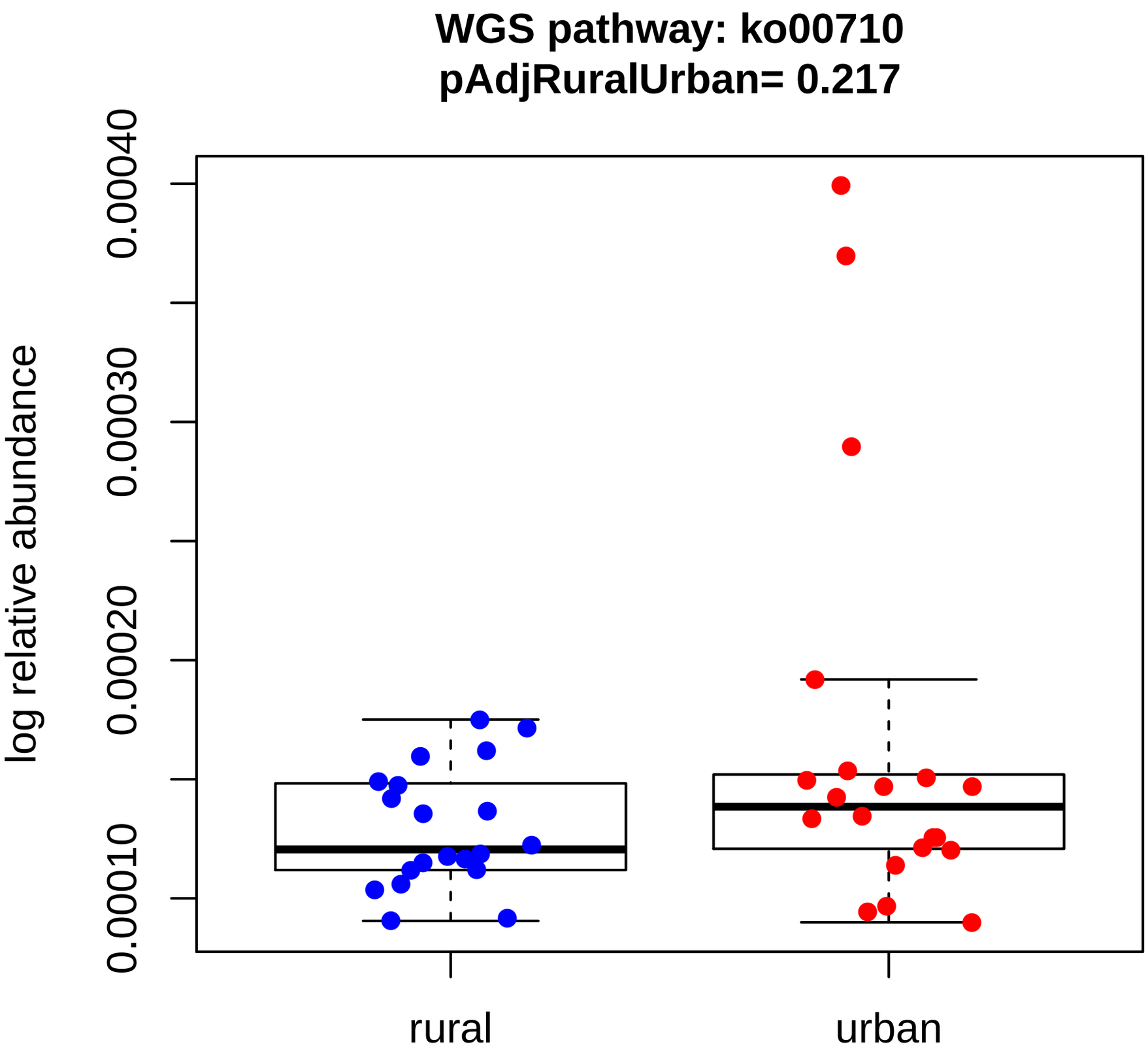

WGS pathway: ko00513
pAdjRuralUrban= 0.208
log relative abundance
1e−04
9e−05
8e−05
7e−05
rural
urban

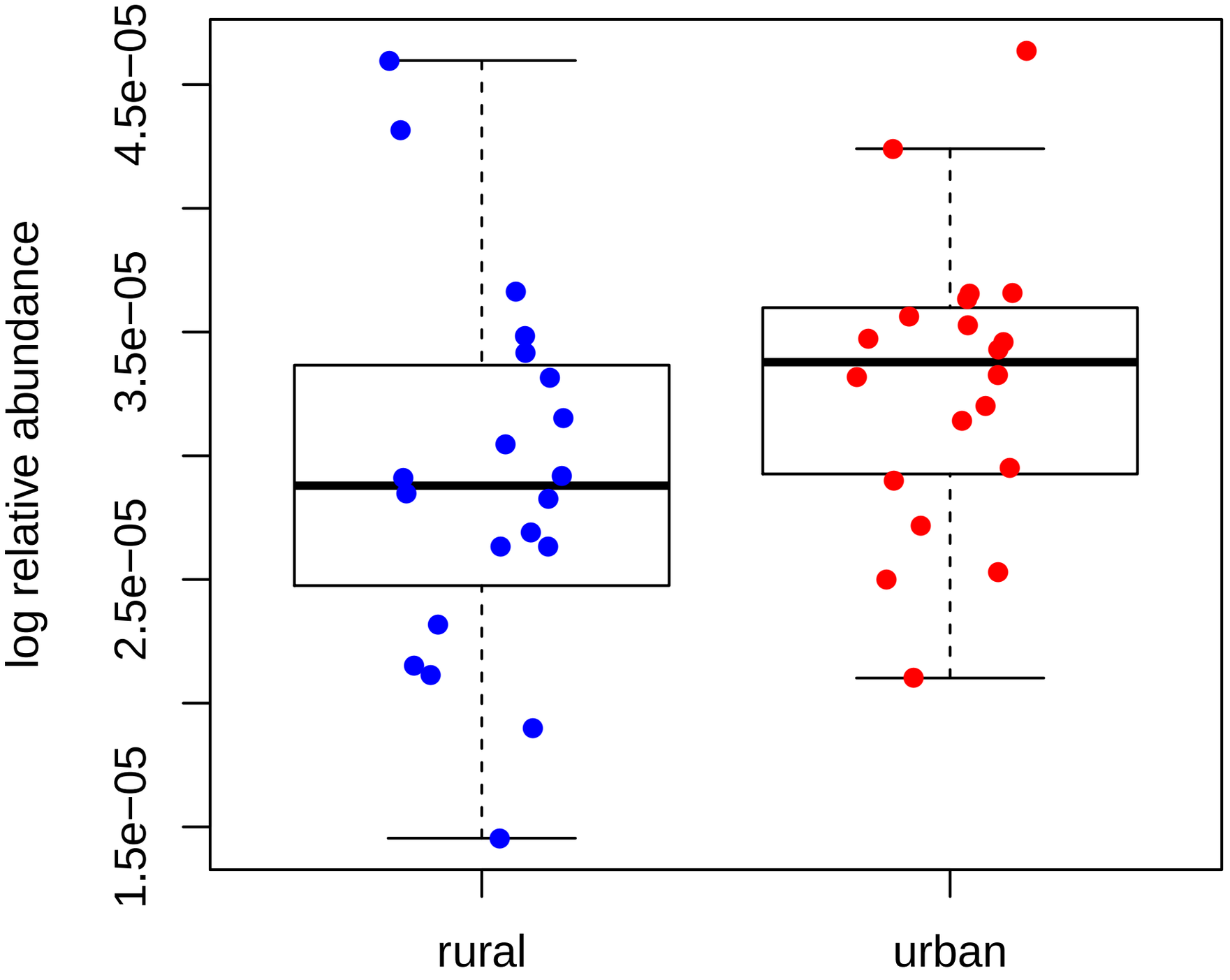

WGS pathway: ko00523
pAdjRuralUrban= 0.208
log relative abundance
0.000
0.002
0.004
0.006
0.008
rural
urban

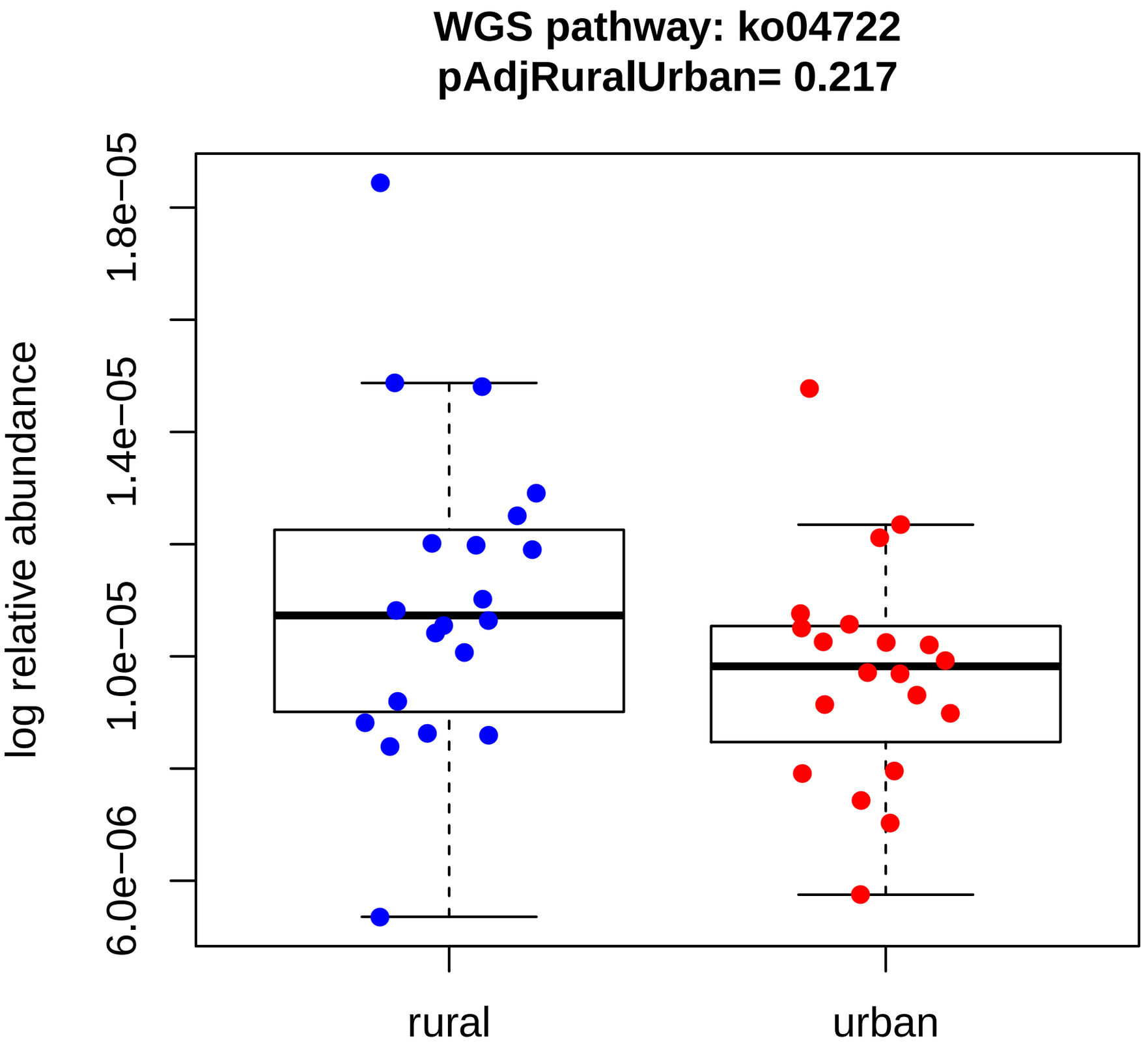

WGS pathway: ko00770
pAdjRuralUrban= 0.208
log relative abundance
0.0195
0.0185
0.0175
0.0165
rural
urban

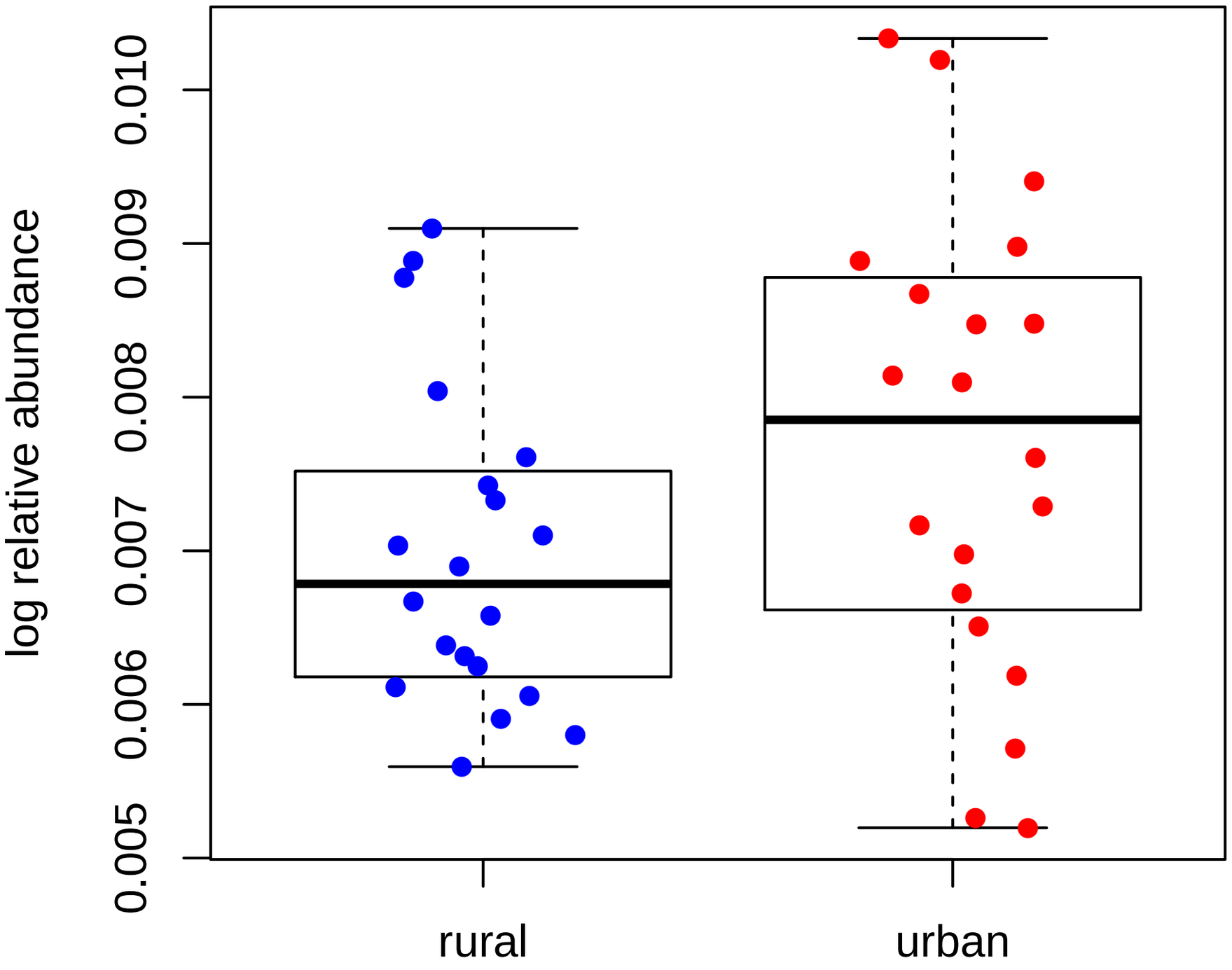

WGS pathway: ko04360
pAdjRuralUrban= 0.208
log relative abundance
0.00011
0.00009
0.00007
rural
urban

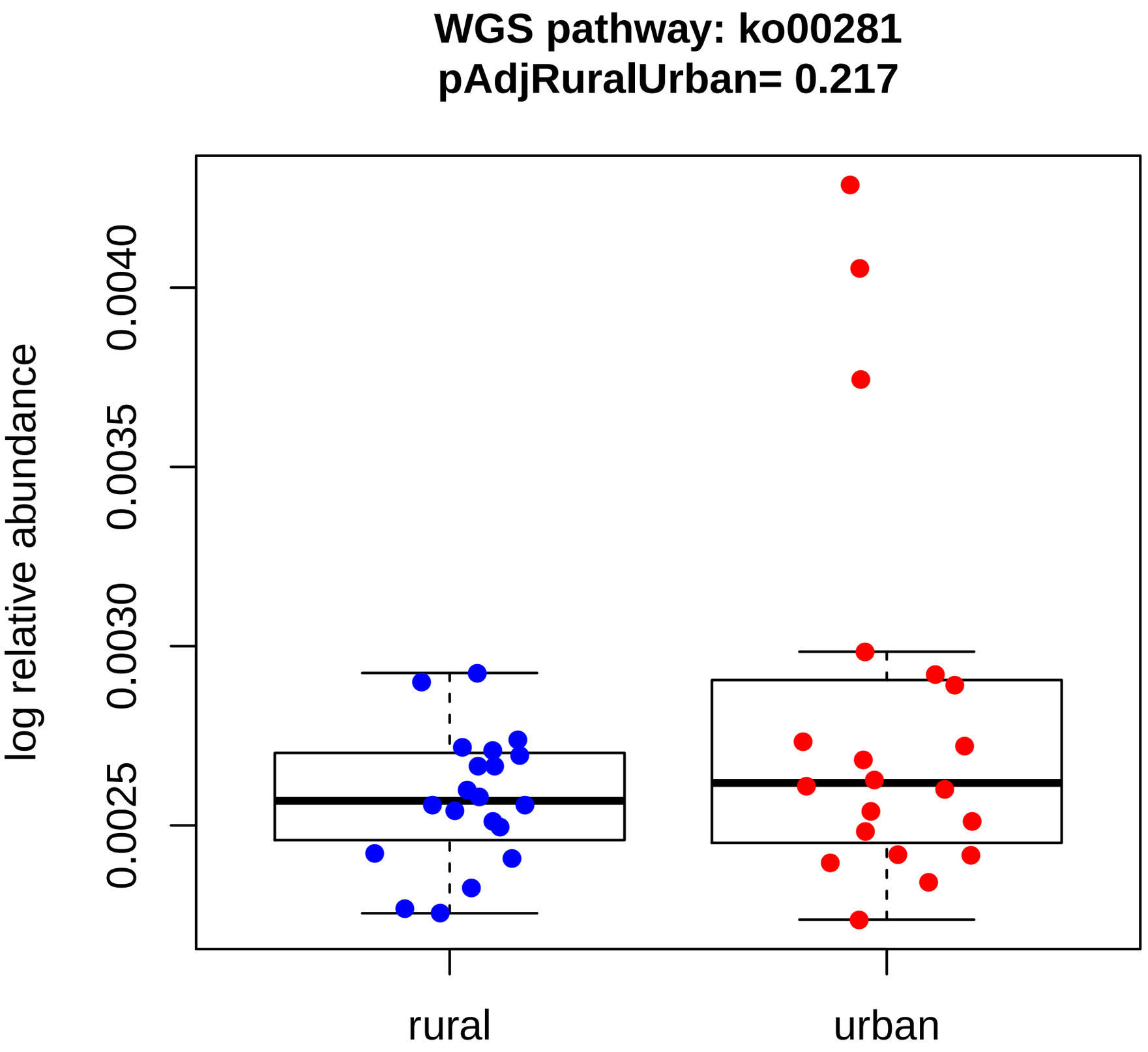

WGS pathway: ko04114
pAdjRuralUrban= 0.211
log relative abundance
1.0e−05
2.0e−05
3.0e−05
rural
urban

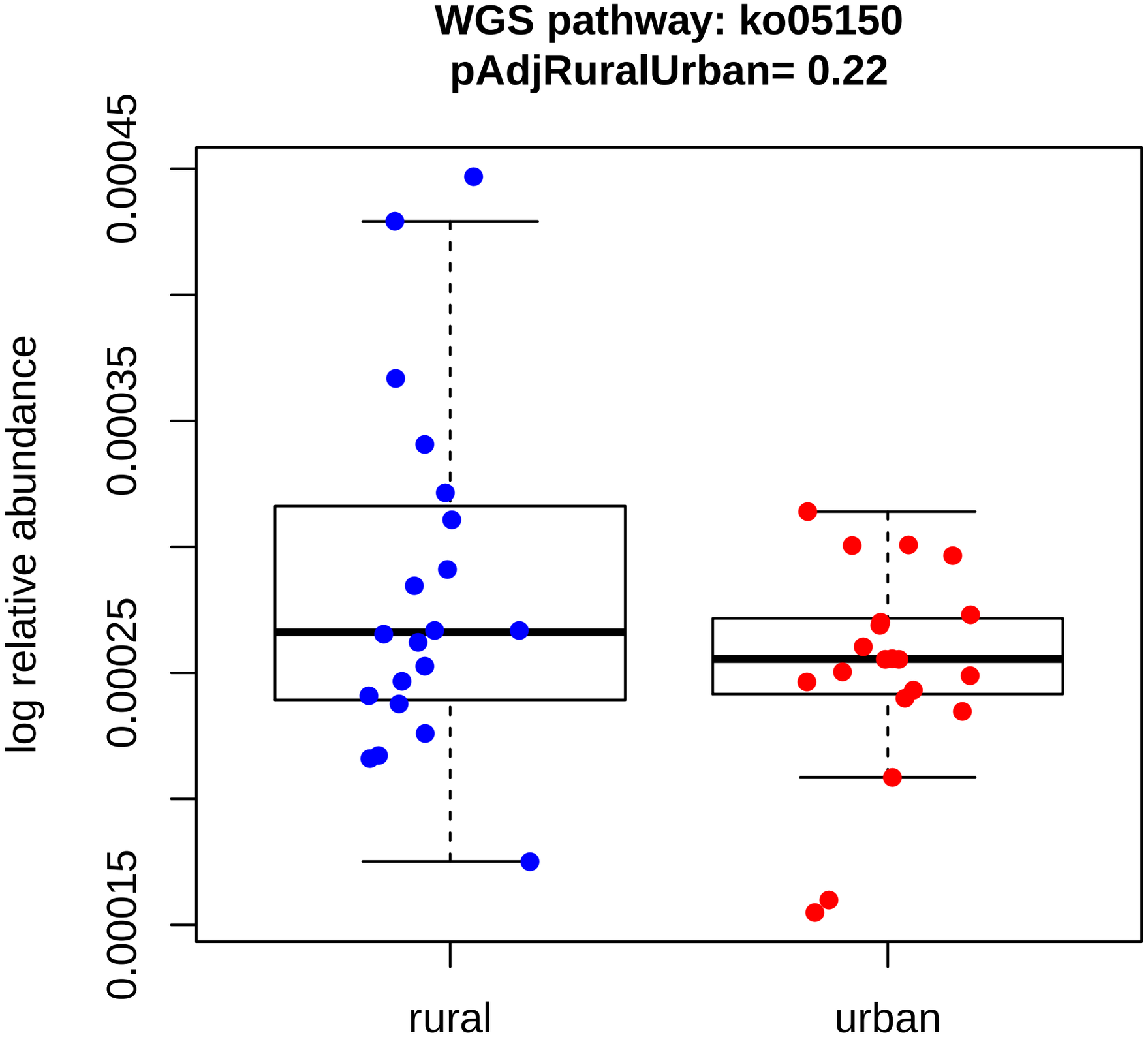

WGS pathway: ko00710
pAdjRuralUrban= 0.217
log relative abundance
0.00010
0.00020
0.00030
0.00040
rural
urban

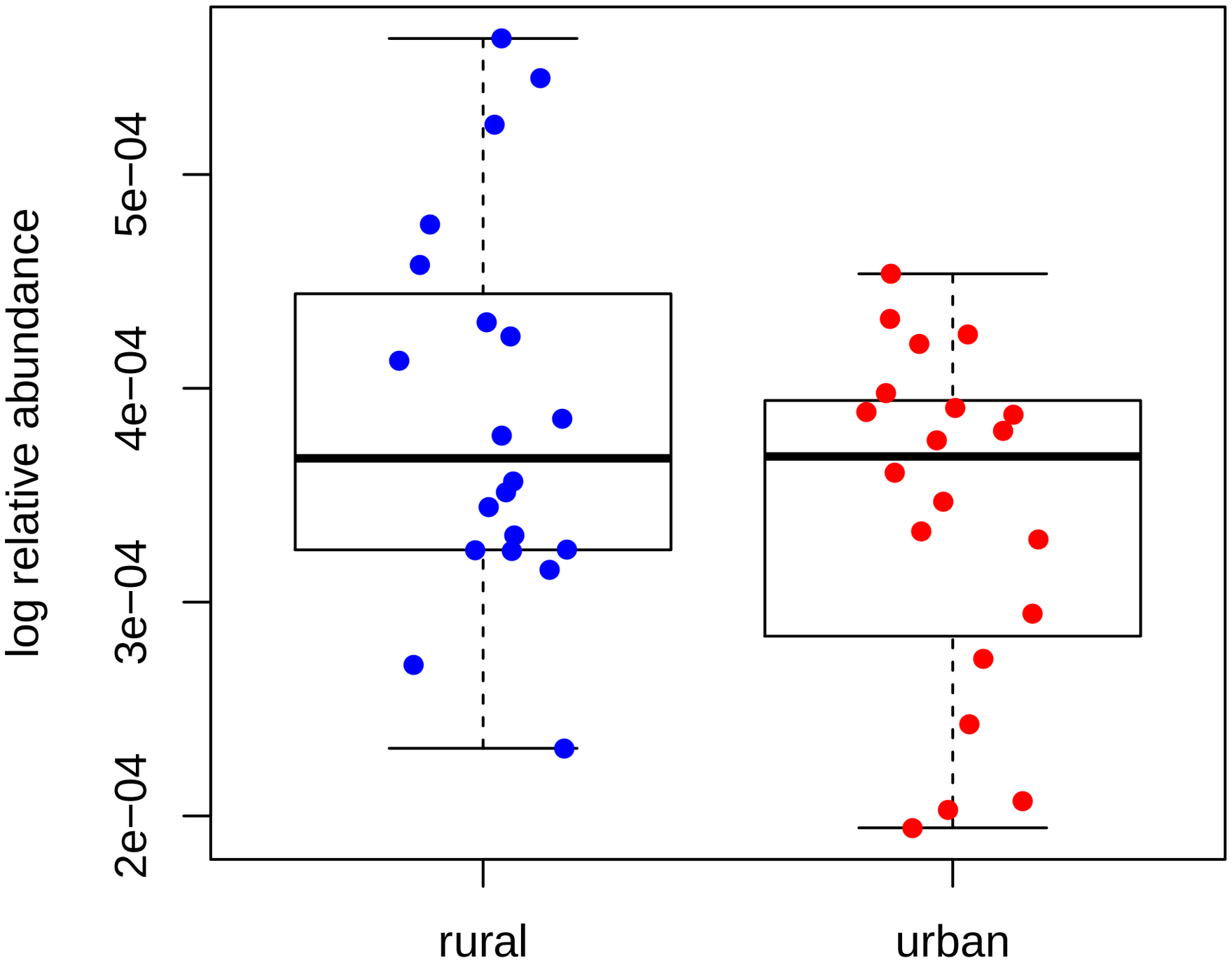

WGS pathway: ko00940
pAdjRuralUrban= 0.217
log relative abundance
1.5e−05
2.5e−05
3.5e−05
4.5e−05
rural
urban

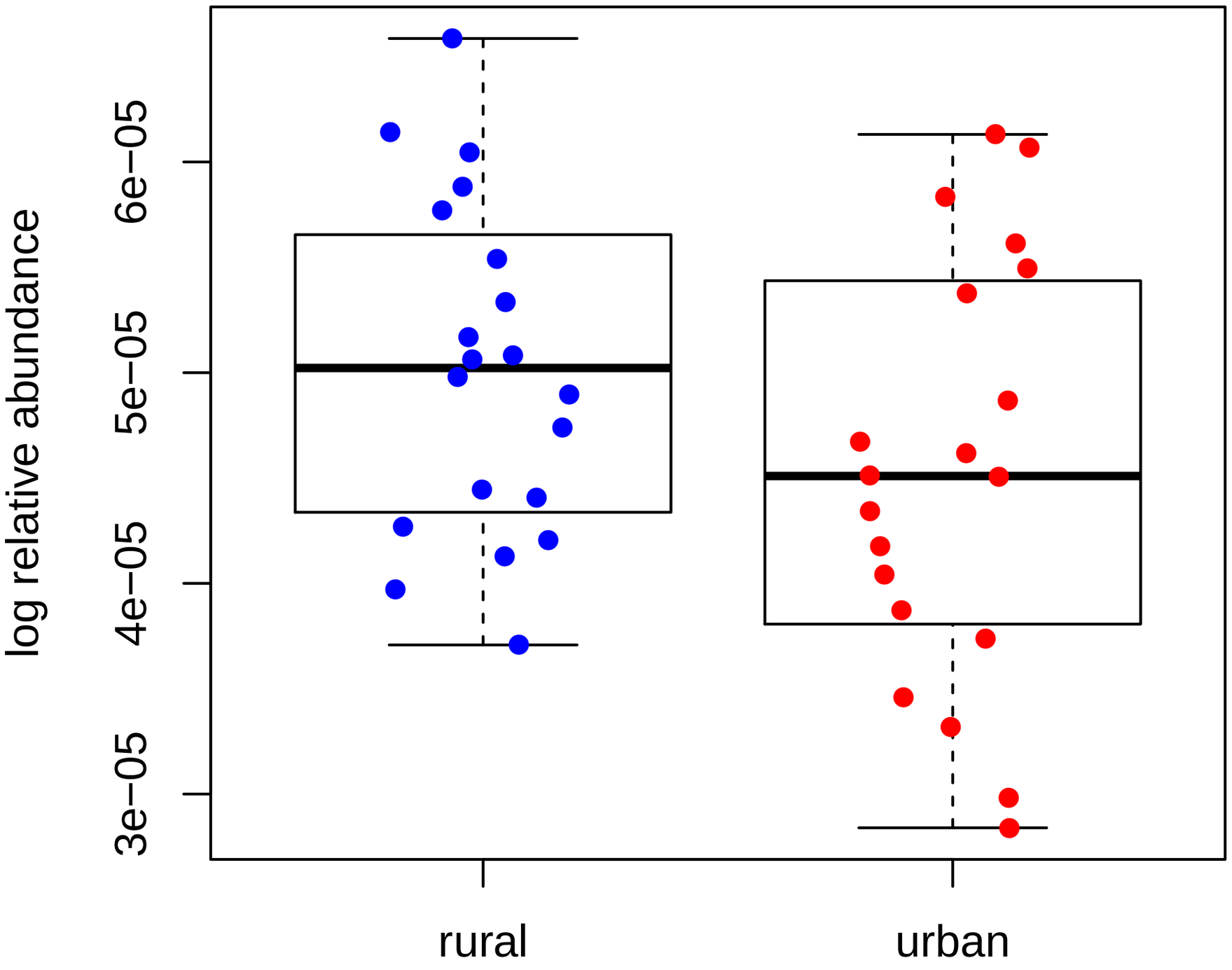

WGS pathway: ko04722
pAdjRuralUrban= 0.217
log relative abundance
6.0e−06
1.0e−05
1.4e−05
1.8e−05
rural
urban

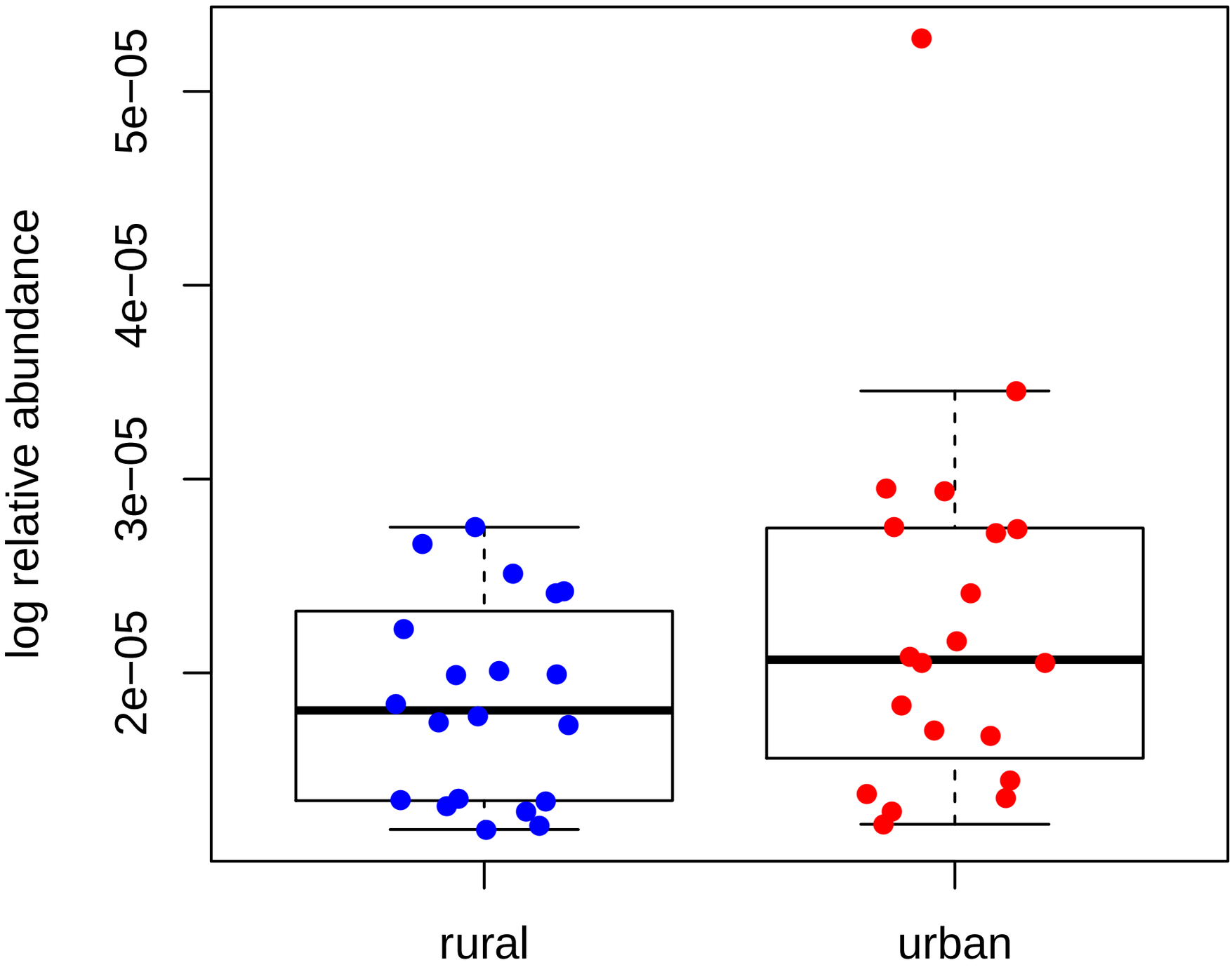

WGS pathway: ko02030
pAdjRuralUrban= 0.217
log relative abundance
0.005
0.006
0.007
0.008
0.009
0.010
rural
urban

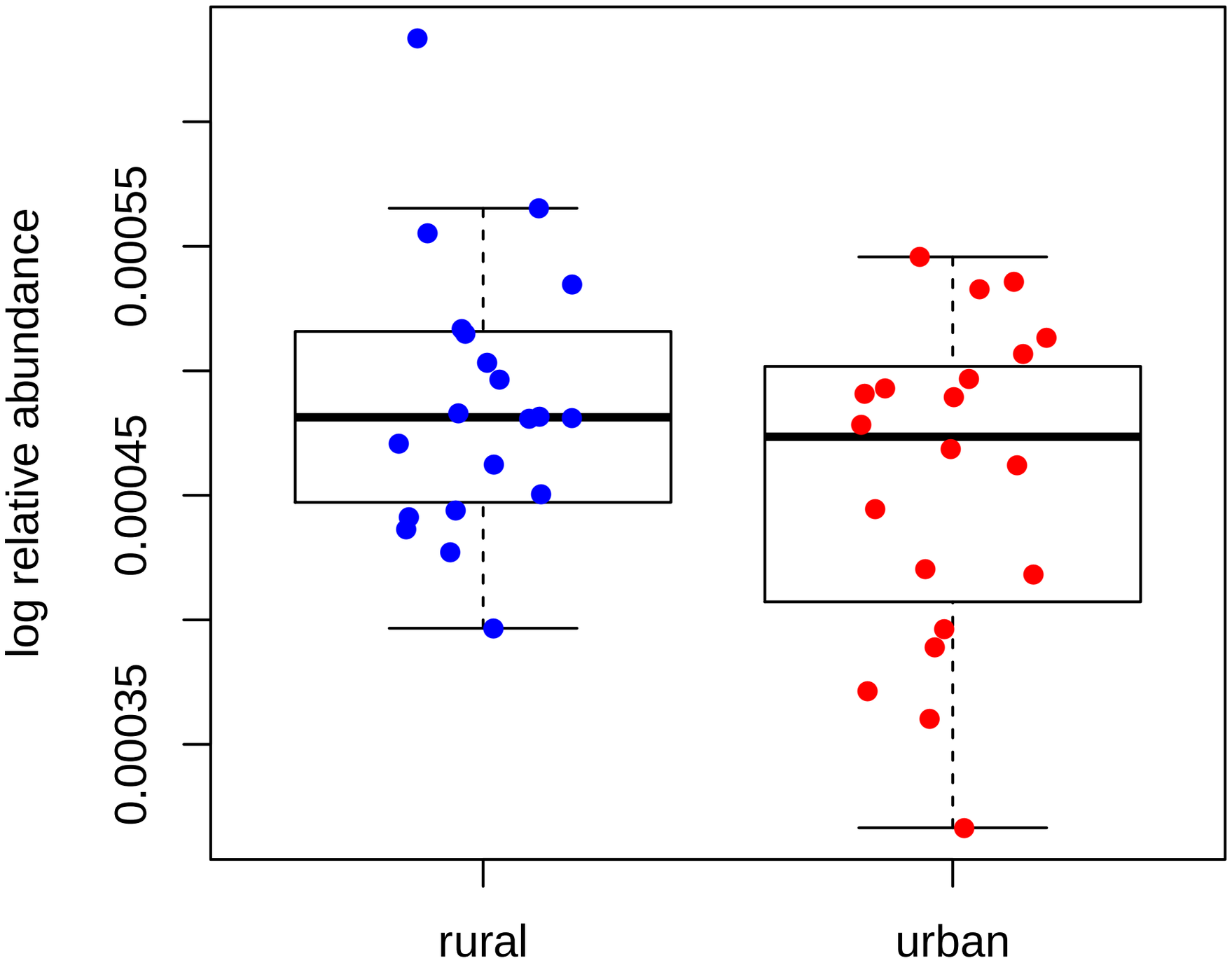

WGS pathway: ko00281
pAdjRuralUrban= 0.217
log relative abundance
0.0025
0.0030
0.0035
0.0040
rural
urban

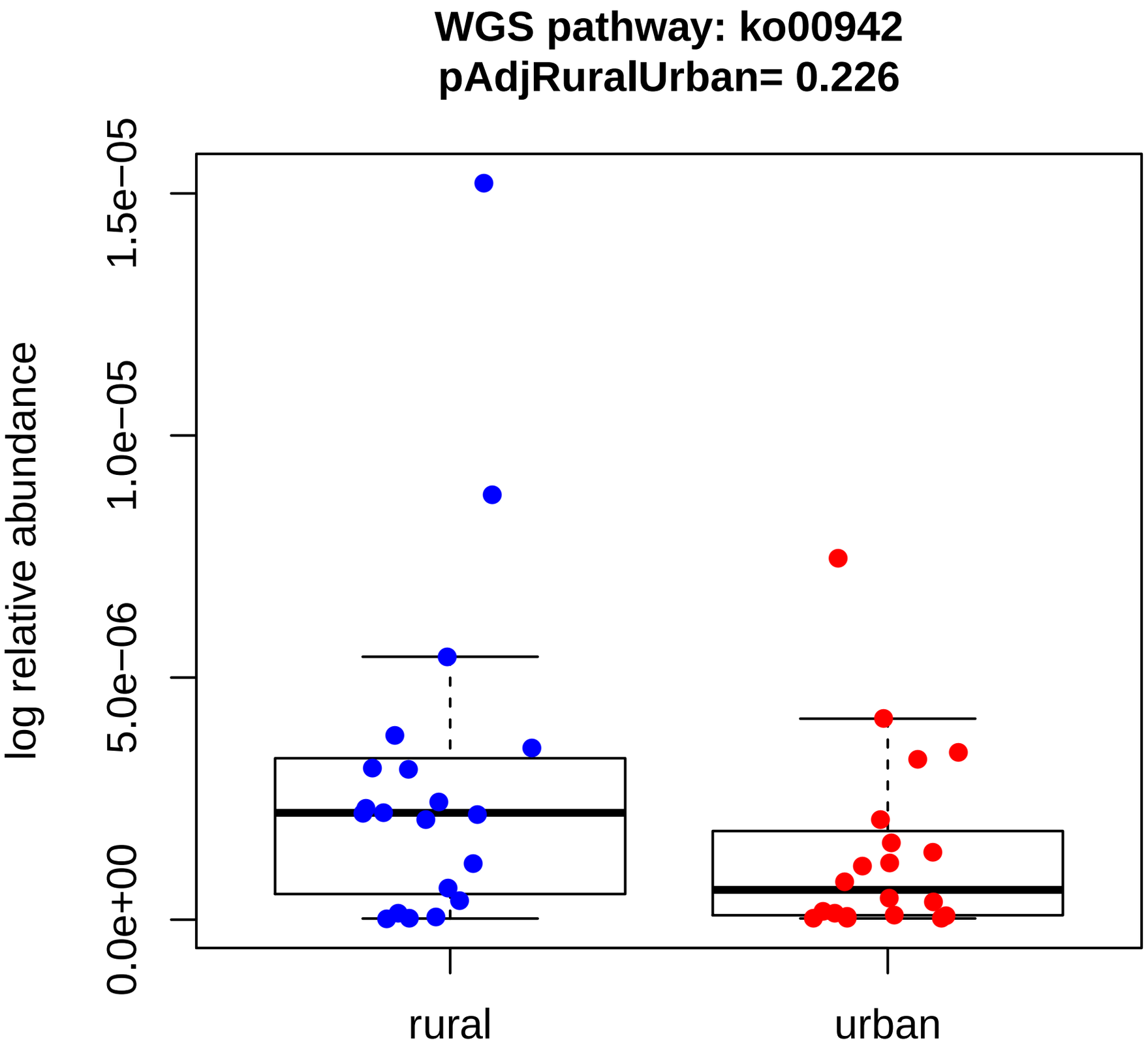

WGS pathway: ko05150
pAdjRuralUrban= 0.22
log relative abundance
0.00045
0.00035
0.00025
0.00015
rural
urban

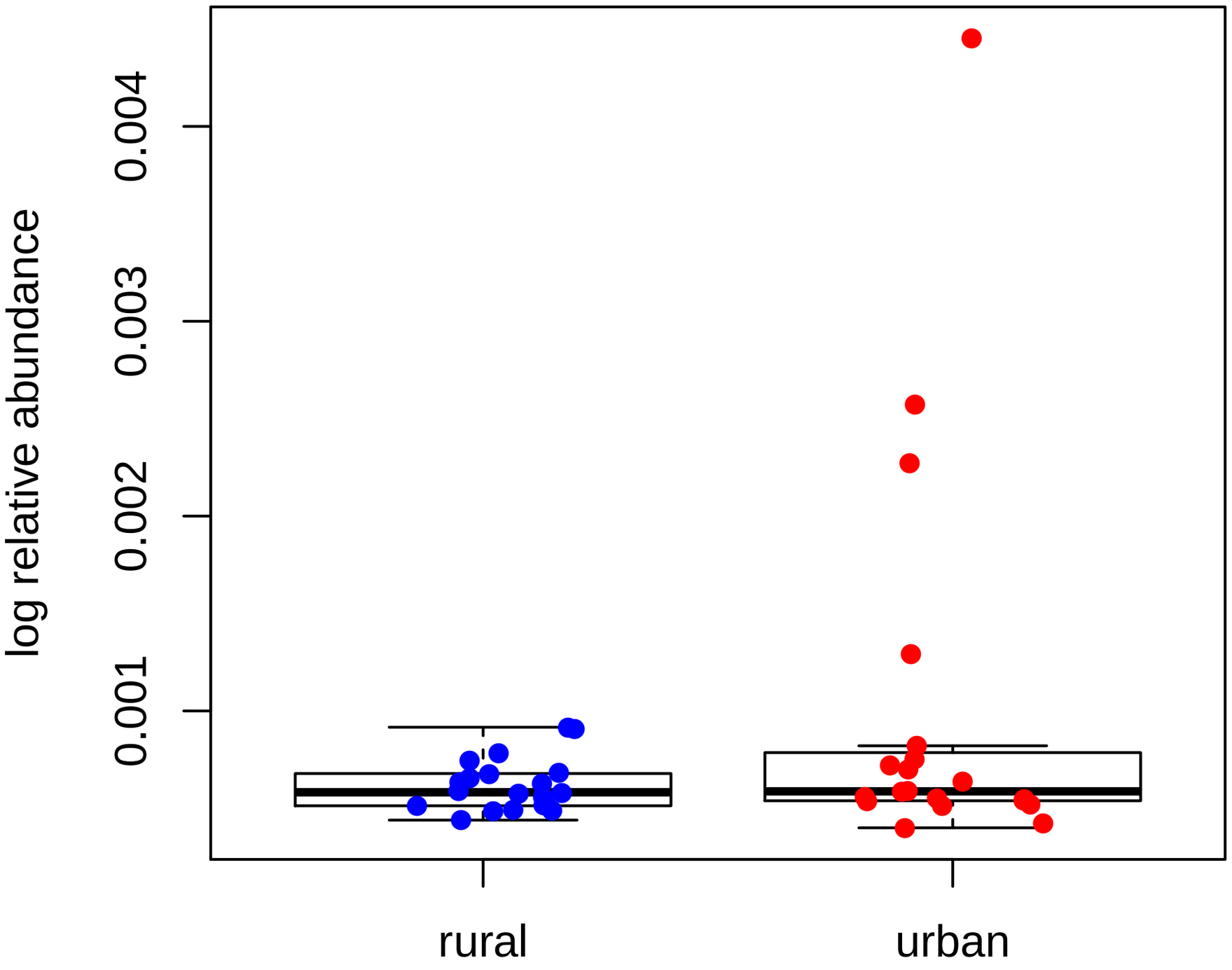

WGS pathway: ko00603
pAdjRuralUrban= 0.22
log relative abundance
2e−04
3e−04
4e−04
5e−04
rural
urban

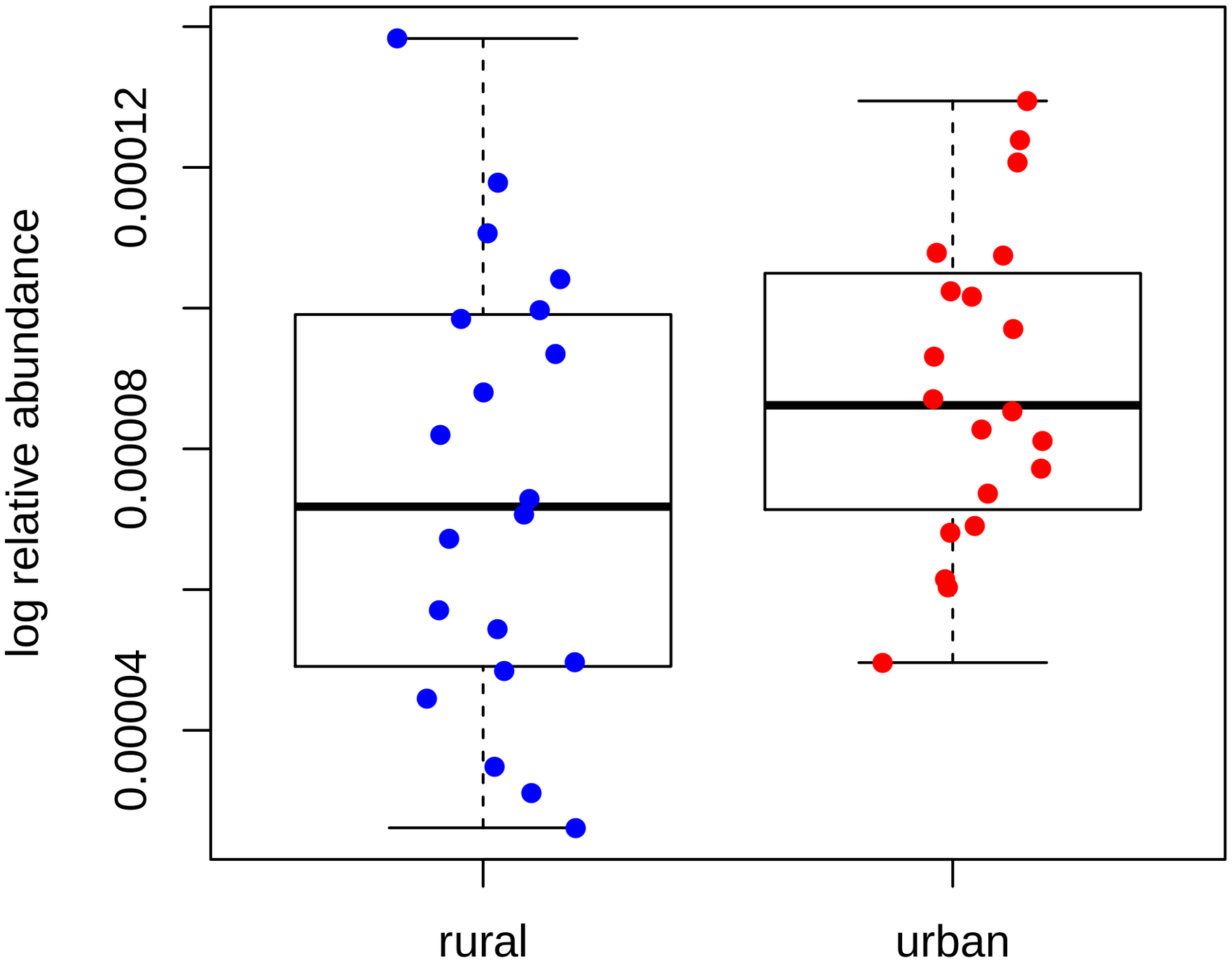

WGS pathway: ko04070
pAdjRuralUrban= 0.22
log relative abundance
3e−05
4e−05
5e−05
6e−05
rural
urban

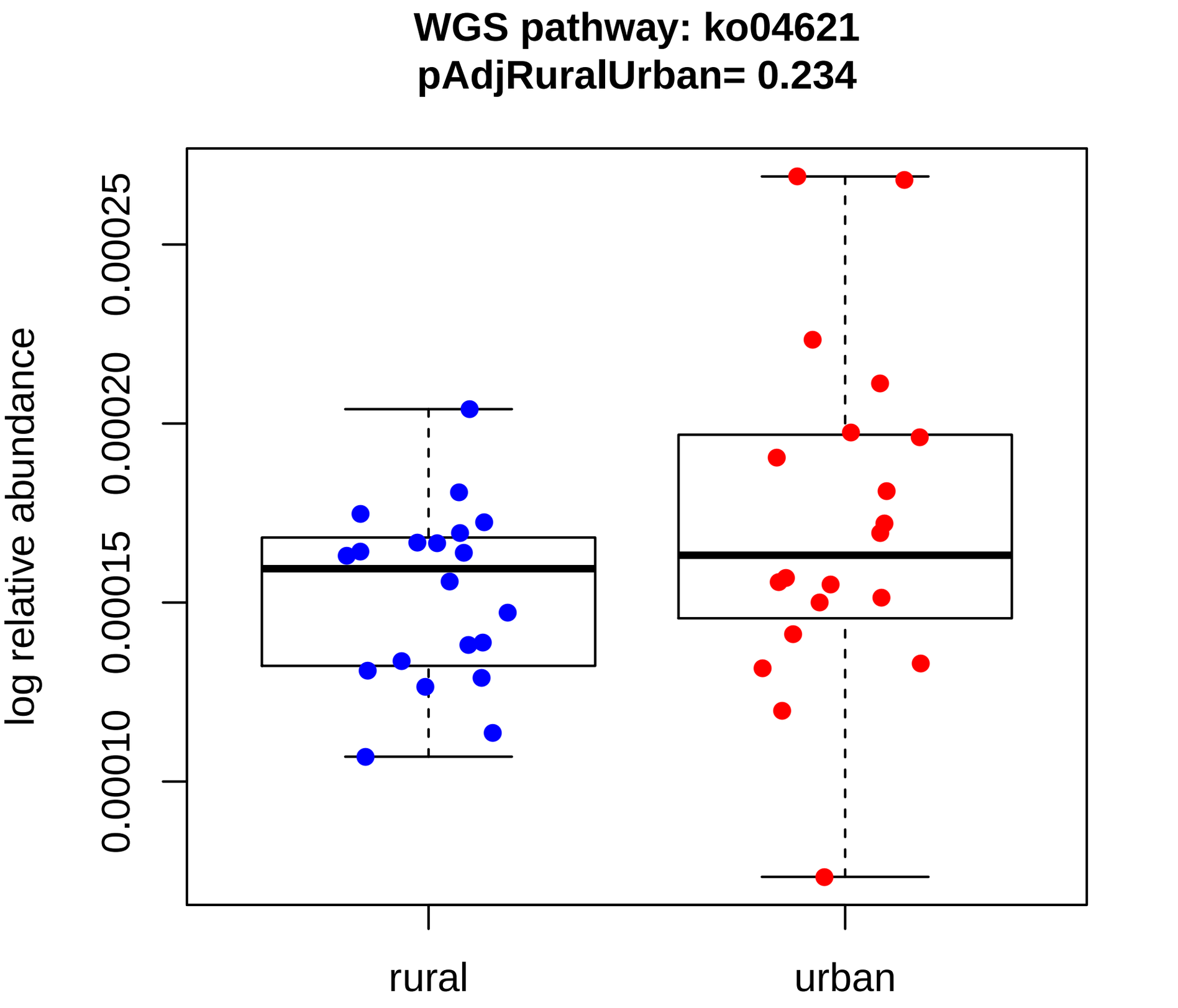

WGS pathway: ko04662
pAdjRuralUrban= 0.221
log relative abundance
2e−05
3e−05
4e−05
5e−05
rural
urban

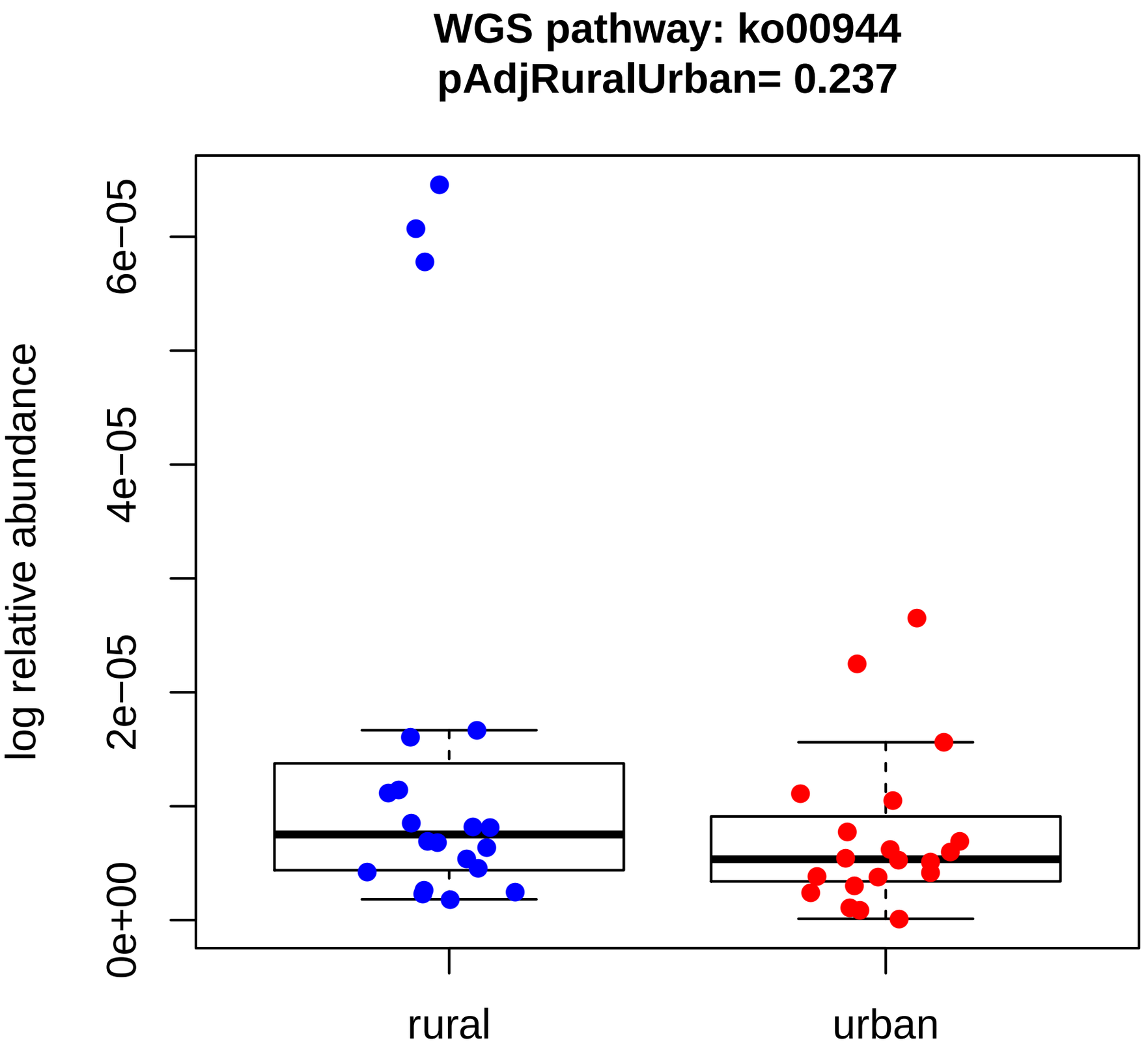

WGS pathway: ko04140
pAdjRuralUrban= 0.226
log relative abundance
0.00035
0.00045
0.00055
rural
urban

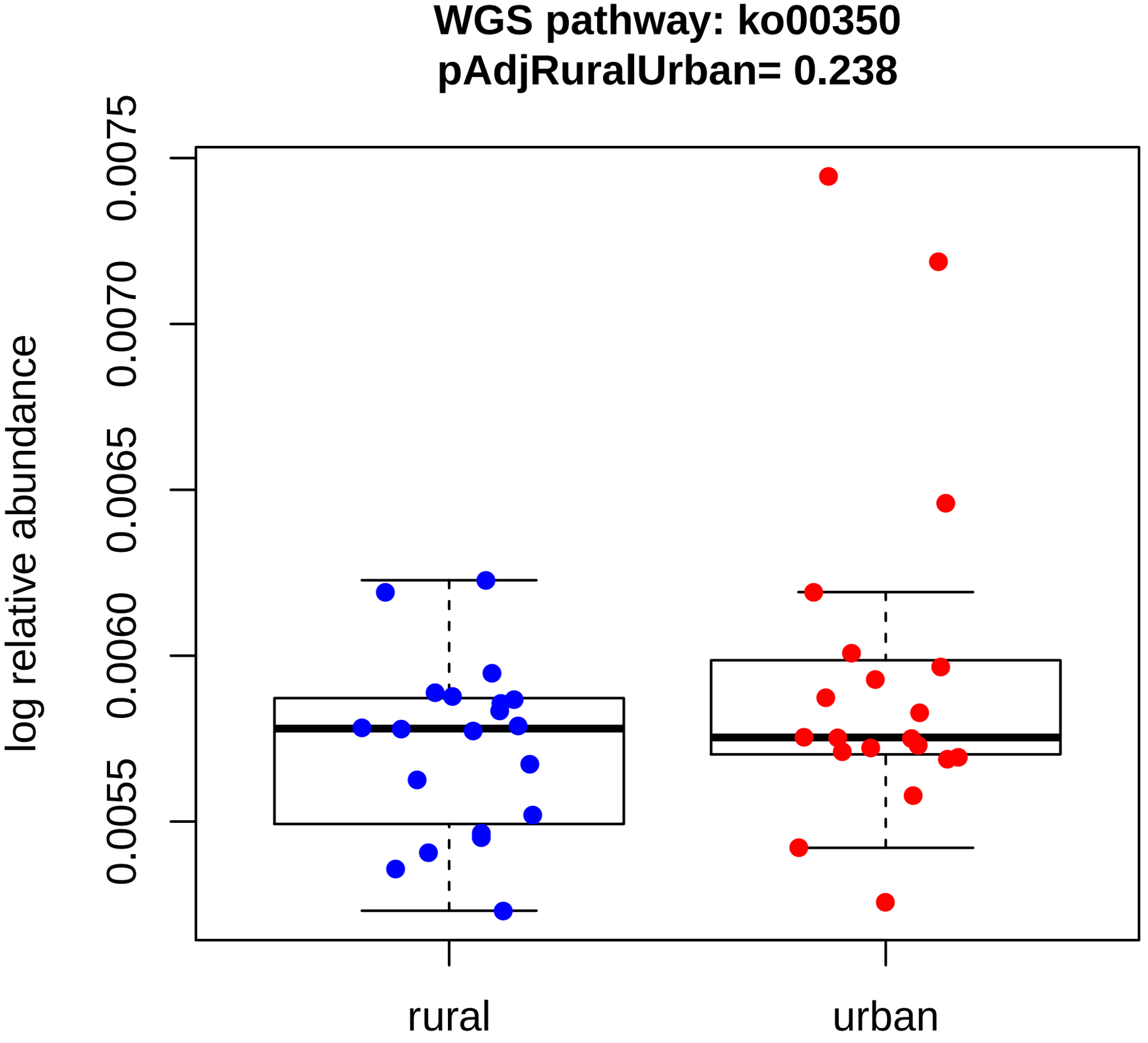

WGS pathway: ko00942
pAdjRuralUrban= 0.226
log relative abundance
0.0e+00
5.0e−06
1.0e−05
1.5e−05
rural
urban

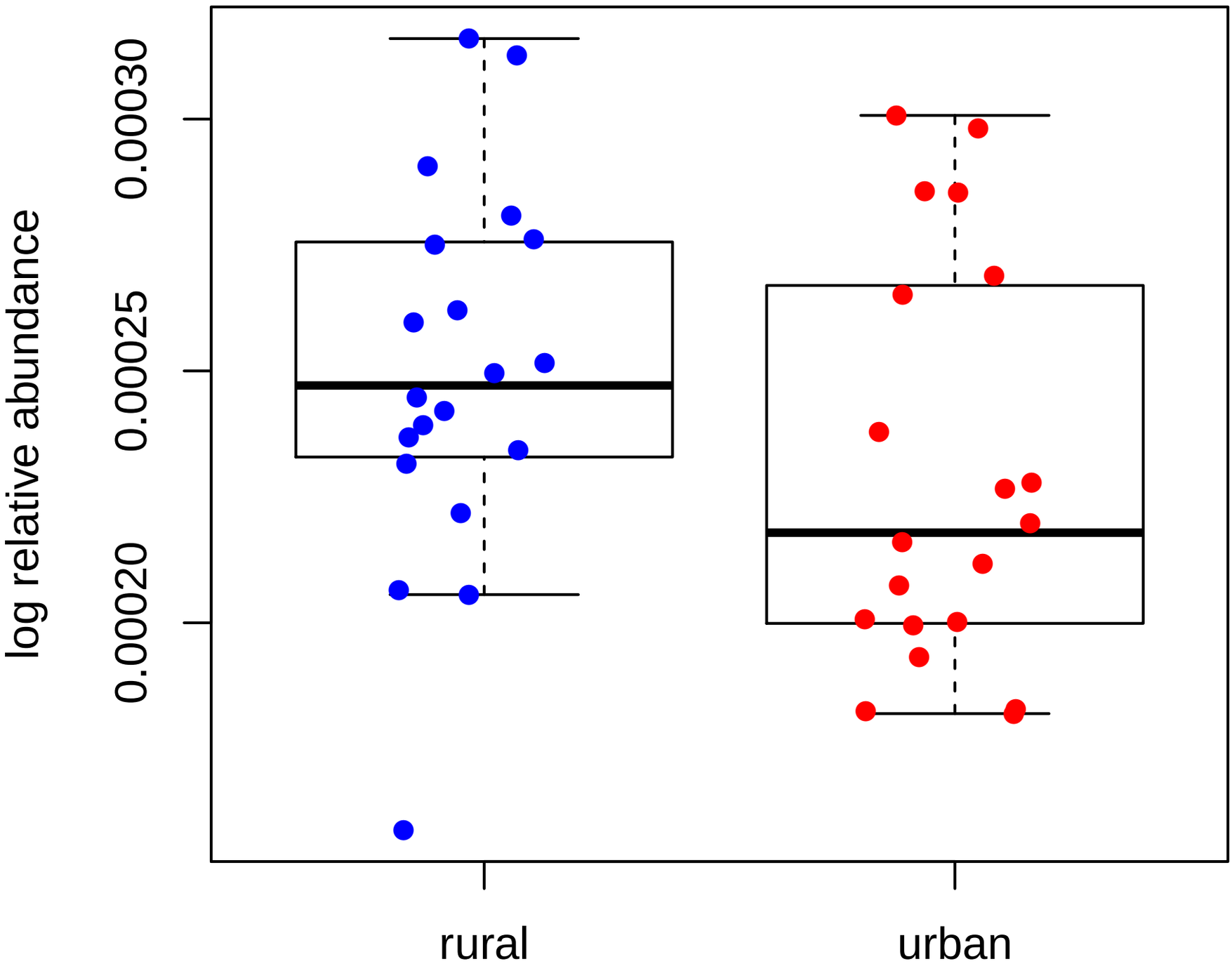

WGS pathway: ko01053
pAdjRuralUrban= 0.232
log relative abundance
0.001
0.002
0.003
0.004
rural
urban

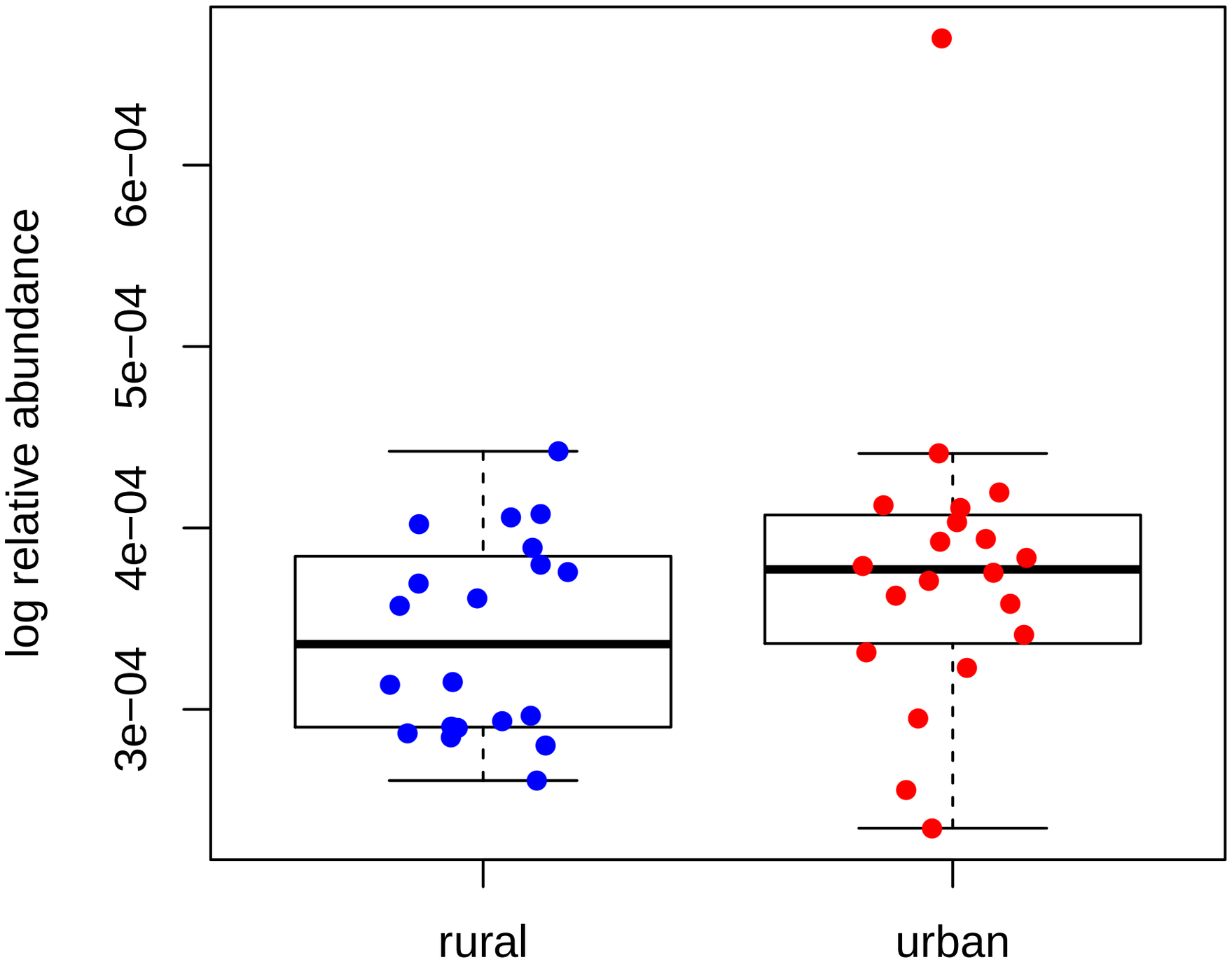

WGS pathway: ko00905
pAdjRuralUrban= 0.232
log relative abundance
0.00004
0.00008
0.00012
rural
urban

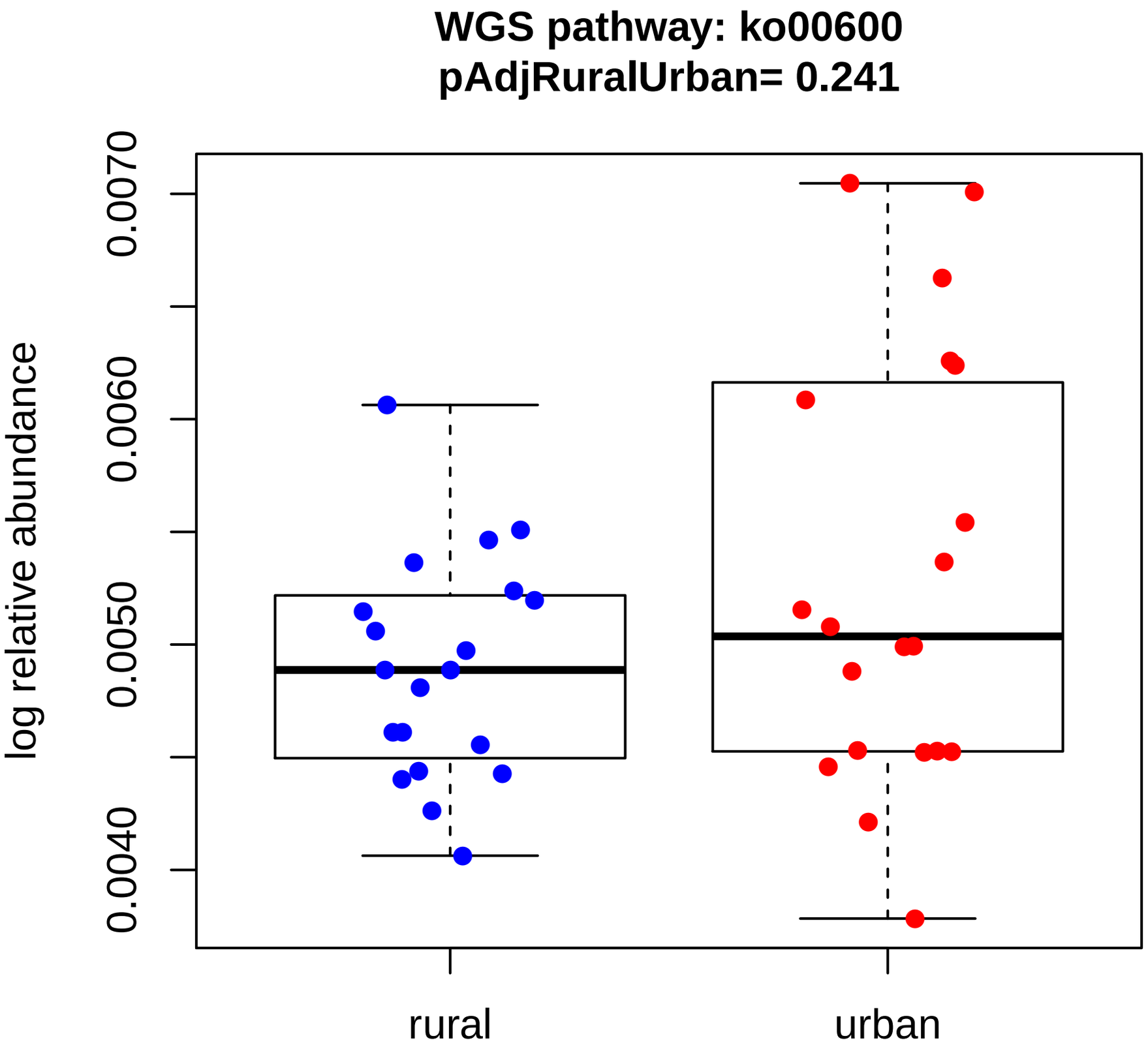

WGS pathway: ko04621
pAdjRuralUrban= 0.234
log relative abundance
0.00010
0.00015
0.00020
0.00025
rural
urban

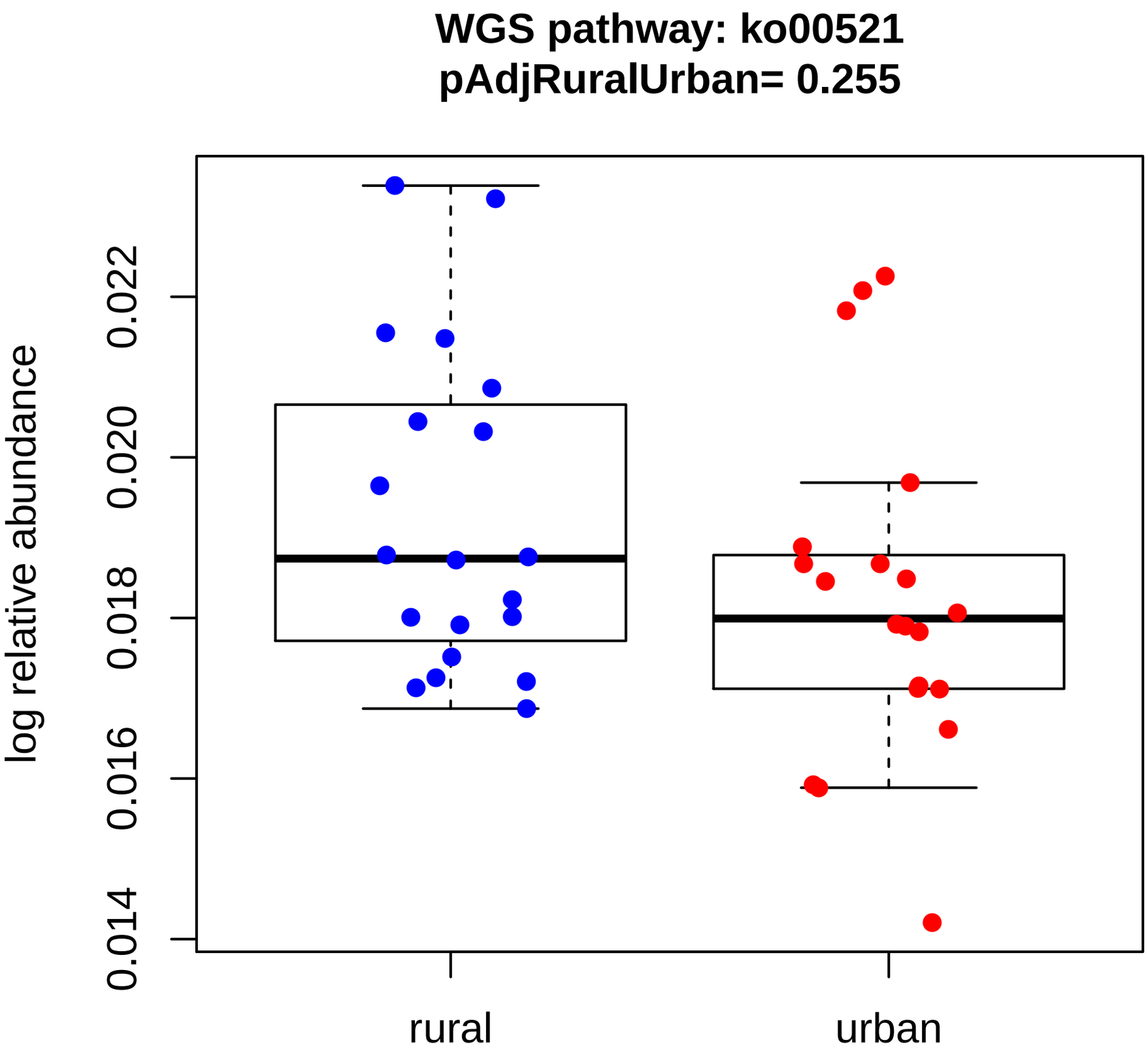

WGS pathway: ko00944
pAdjRuralUrban= 0.237
log relative abundance
0e+00
2e−05
4e−05
6e−05
rural
urban

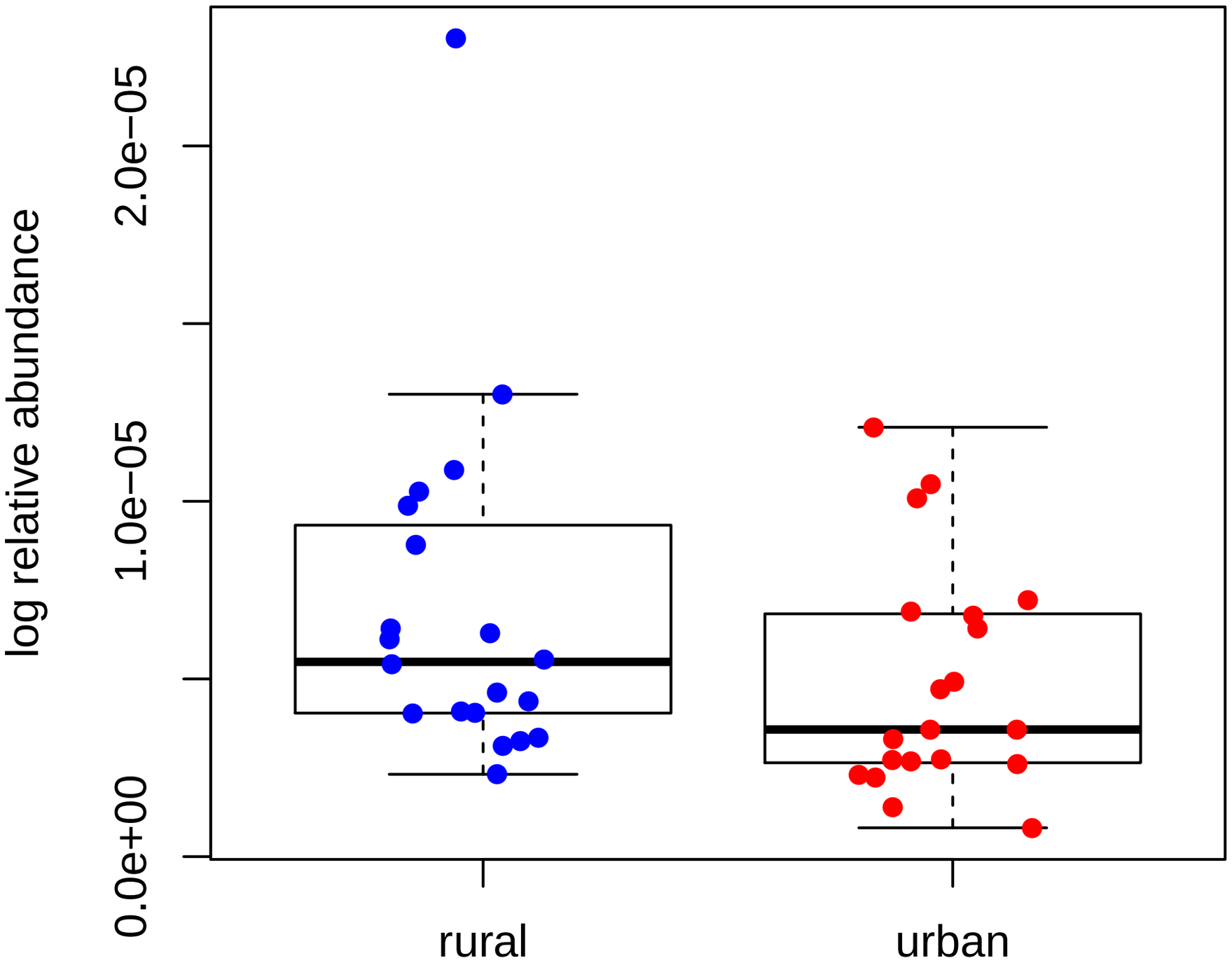

WGS pathway: ko00350
pAdjRuralUrban= 0.238
log relative abundance
0.0055
0.0060
0.0065
0.0070
0.0075
rural
urban

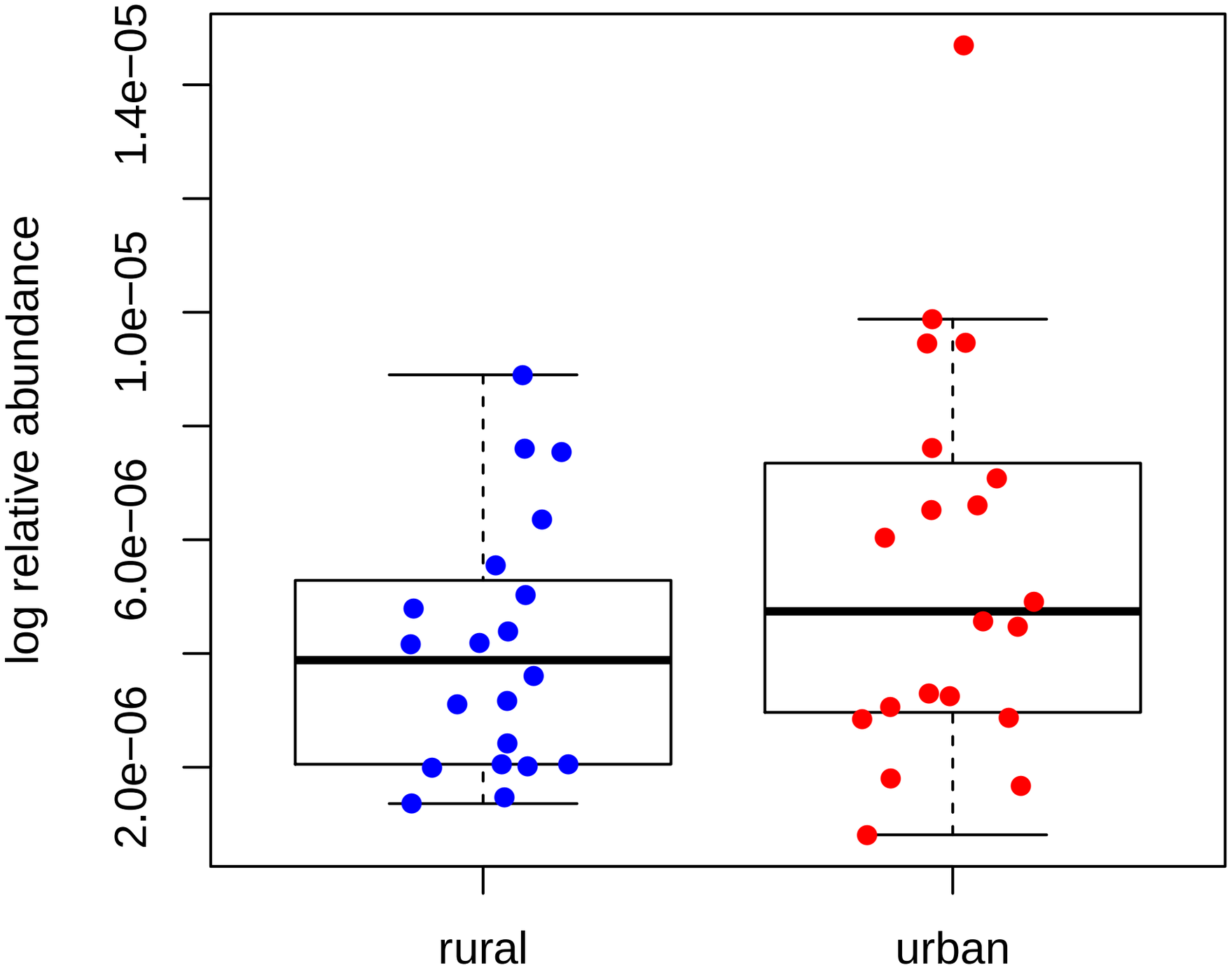

WGS pathway: ko04330
pAdjRuralUrban= 0.24
log relative abundance
0.00020
0.00025
0.00030
rural
urban

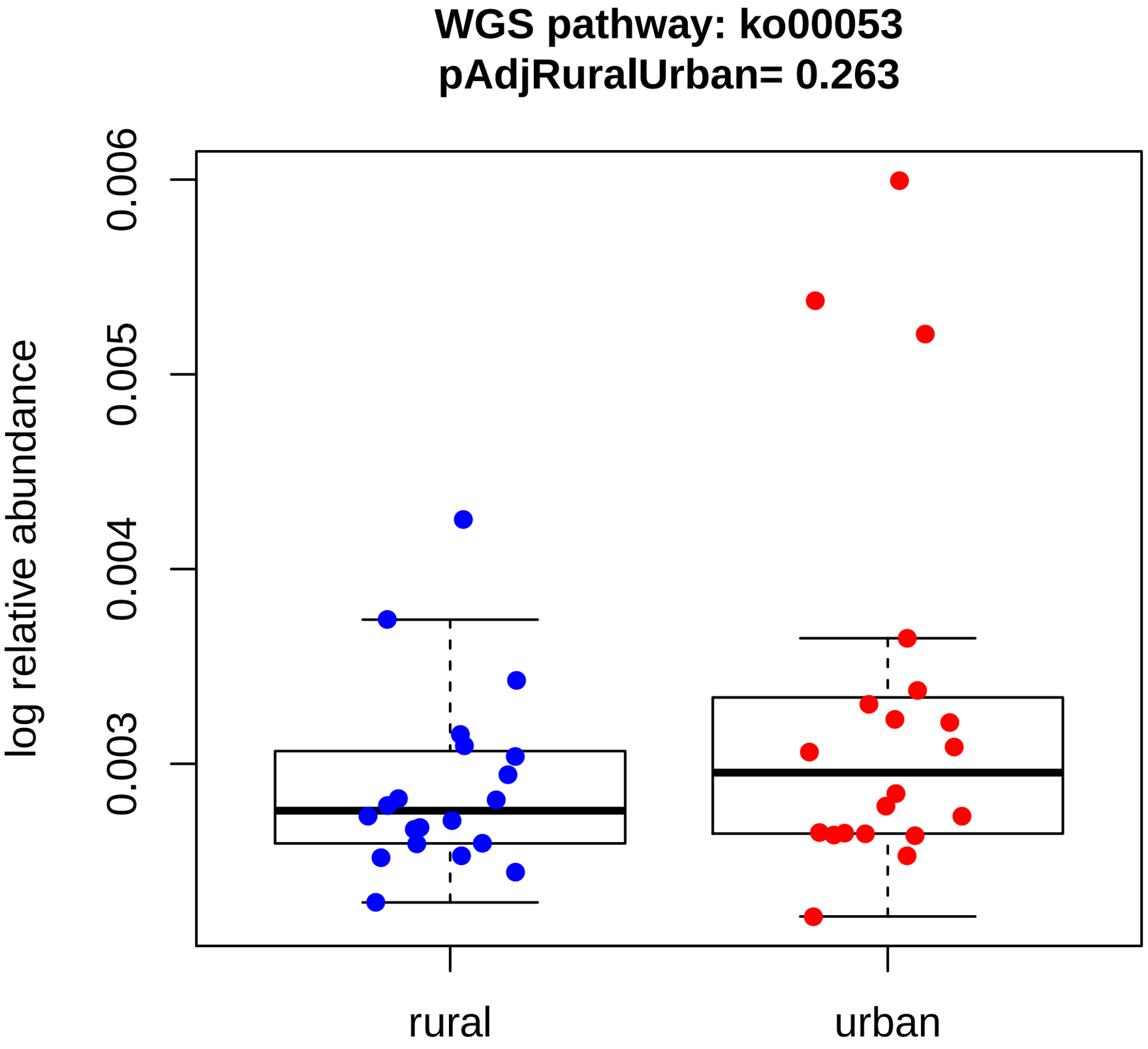

WGS pathway: ko00195
pAdjRuralUrban= 0.241
log relative abundance
3e−04
4e−04
5e−04
6e−04
rural
urban

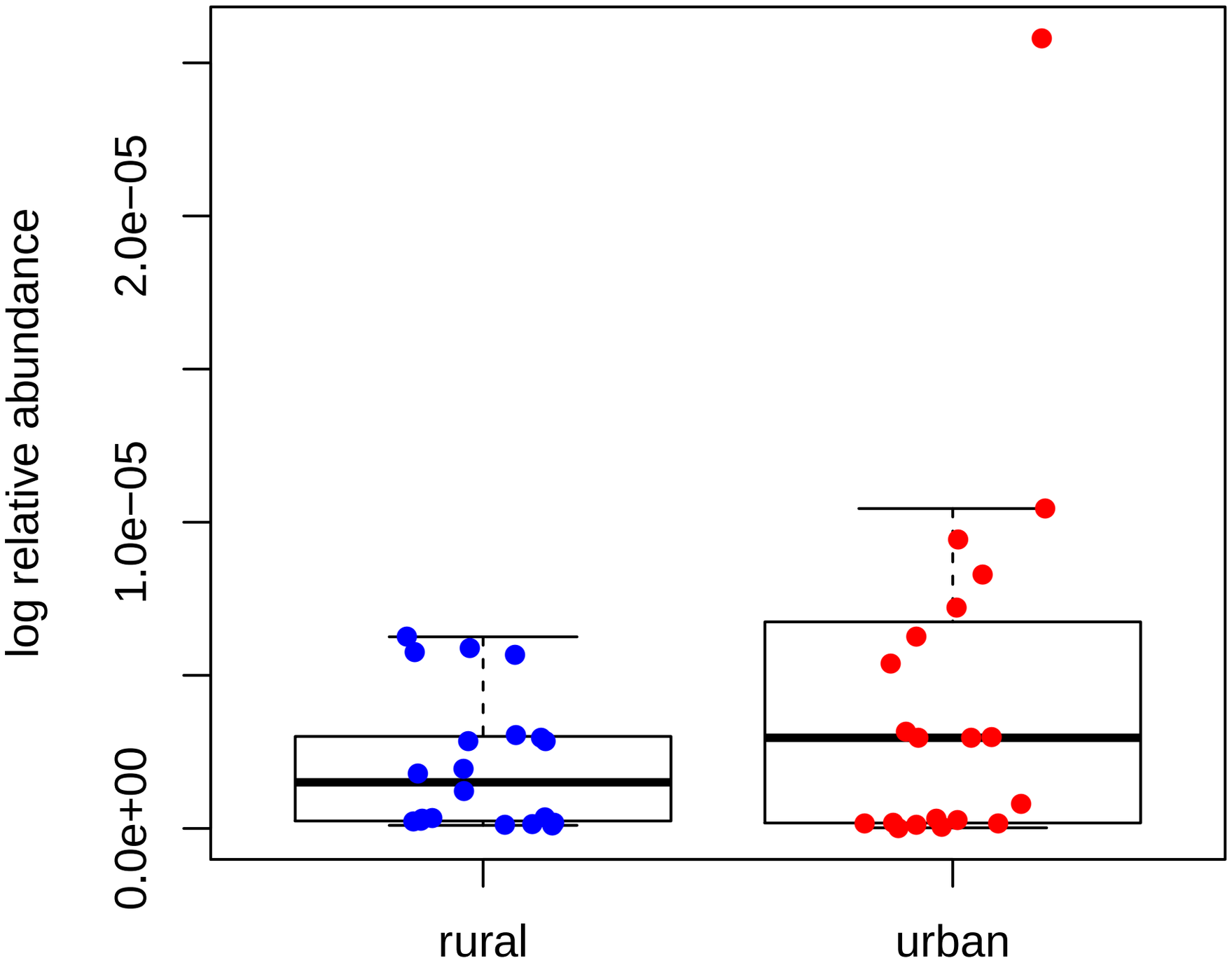

WGS pathway: ko00600
pAdjRuralUrban= 0.241
log relative abundance
0.0040
0.0050
0.0060
0.0070
rural
urban

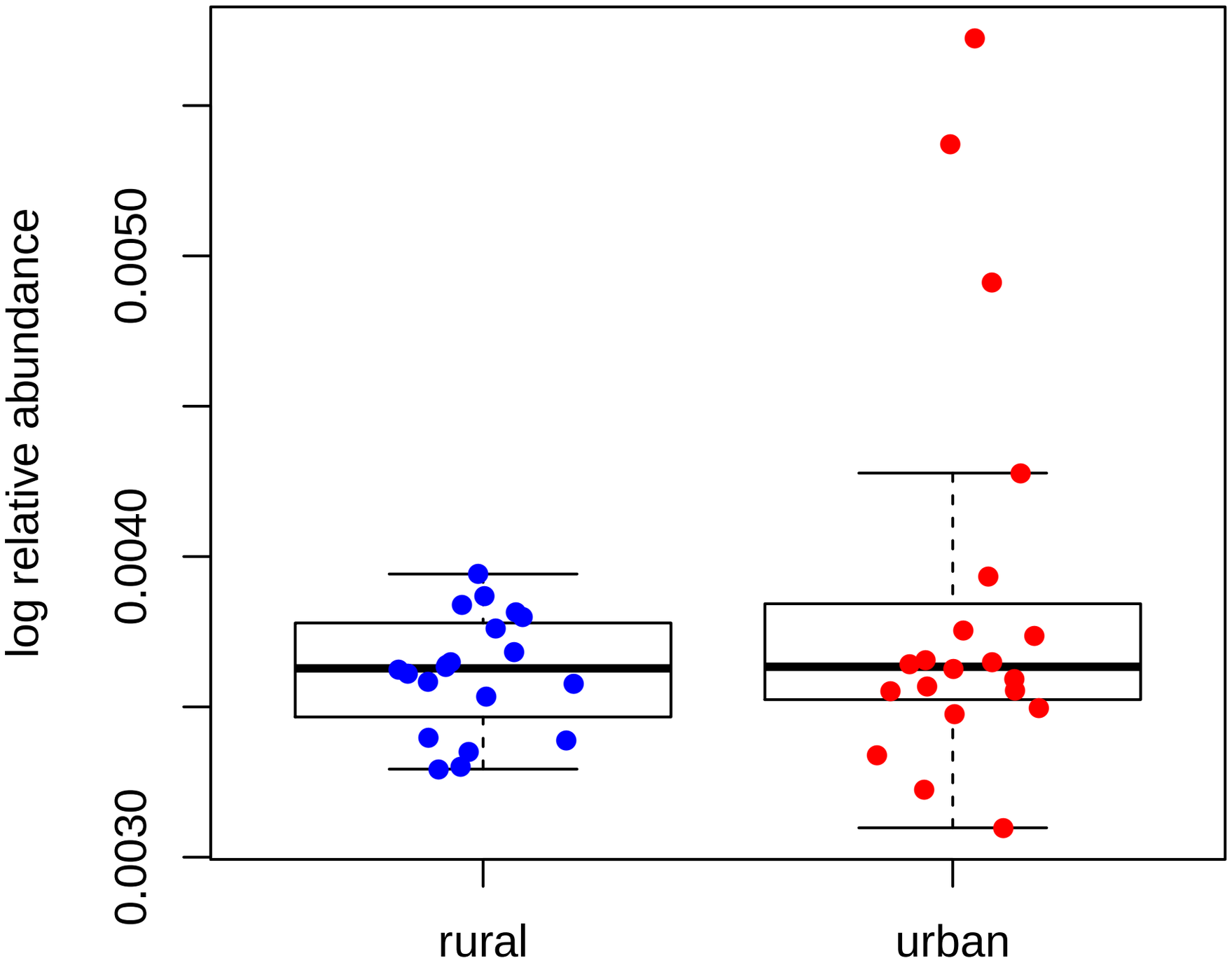

WGS pathway: ko00521
pAdjRuralUrban= 0.255
log relative abundance
0.014
0.016
0.018
0.020
0.022
rural
urban

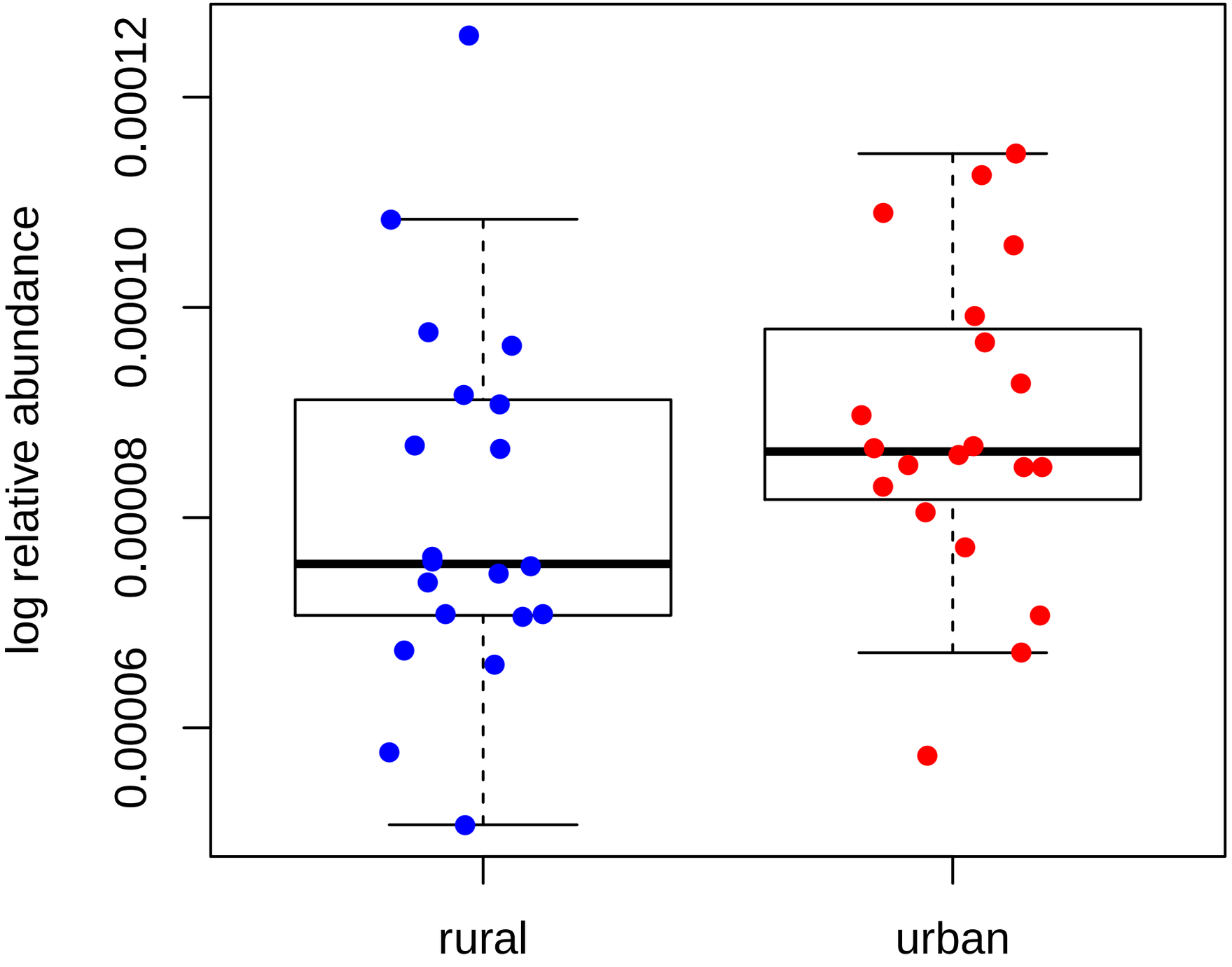

WGS pathway: ko05416
pAdjRuralUrban= 0.255
log relative abundance
0.0e+00
1.0e−05
2.0e−05
rural
urban

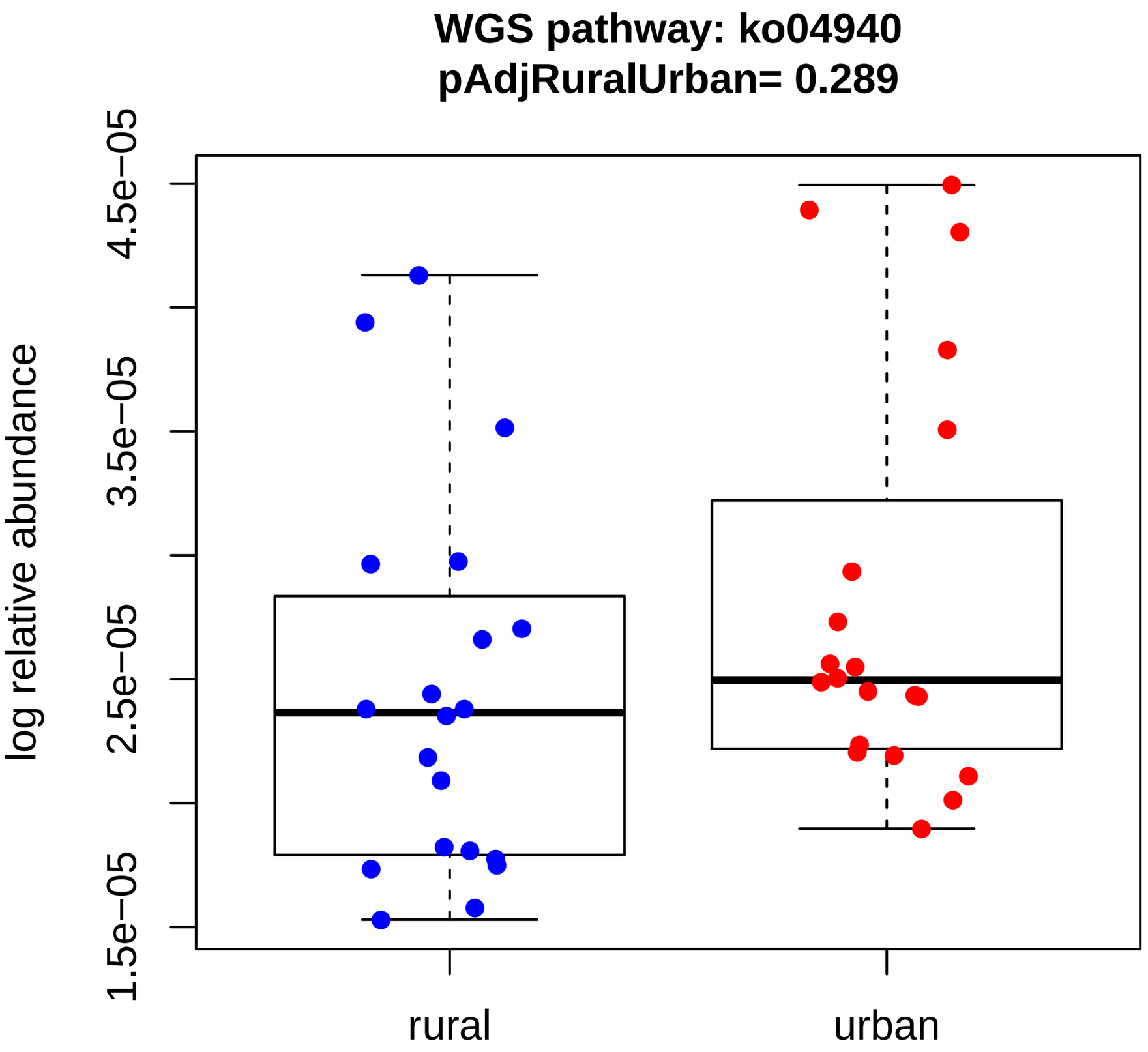

WGS pathway: ko05310
pAdjRuralUrban= 0.256
log relative abundance
2.0e−06
6.0e−06
1.0e−05
1.4e−05
rural
urban

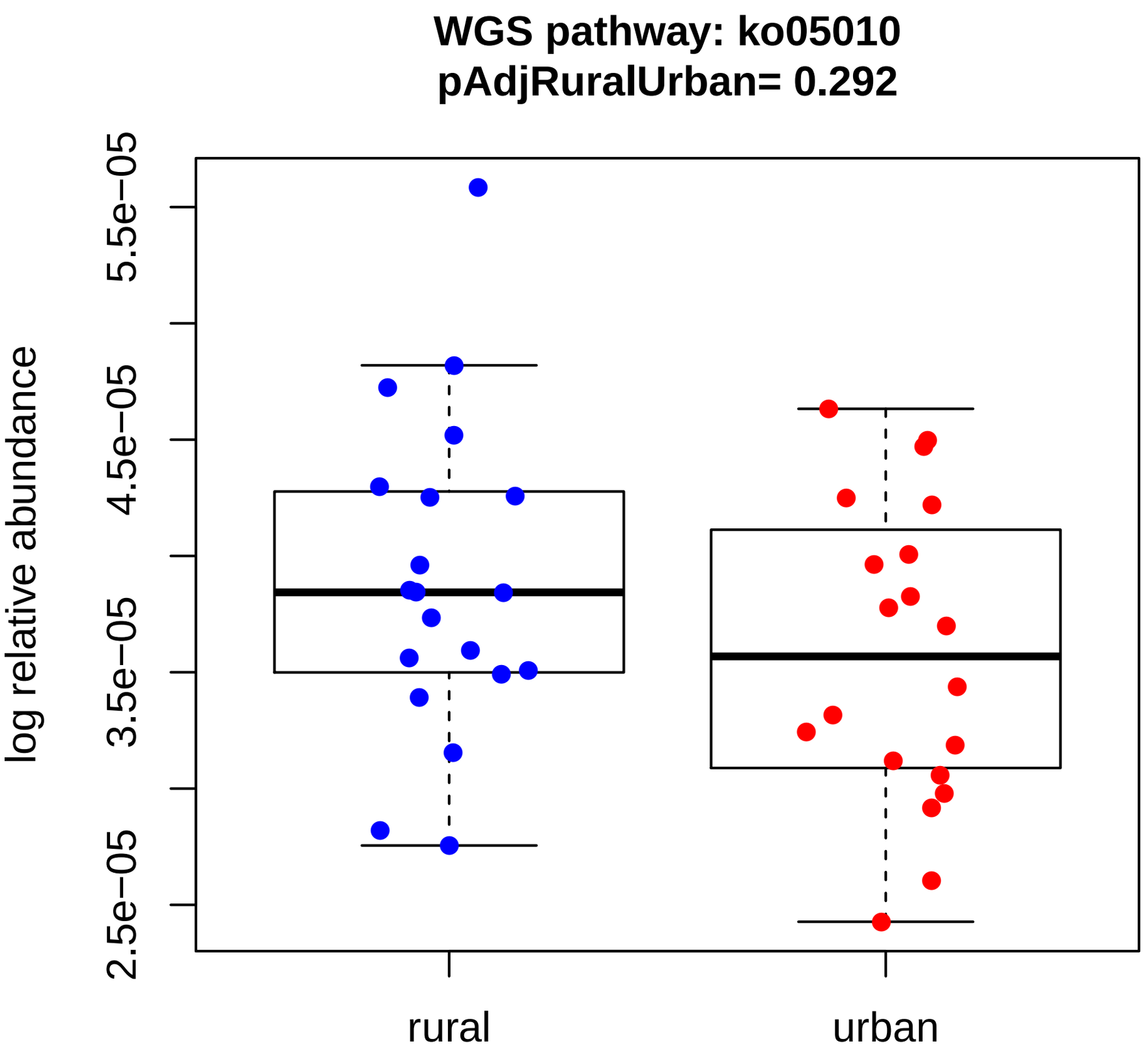

WGS pathway: ko00053
pAdjRuralUrban= 0.263
log relative abundance
0.003
0.004
0.005
0.006
rural
urban

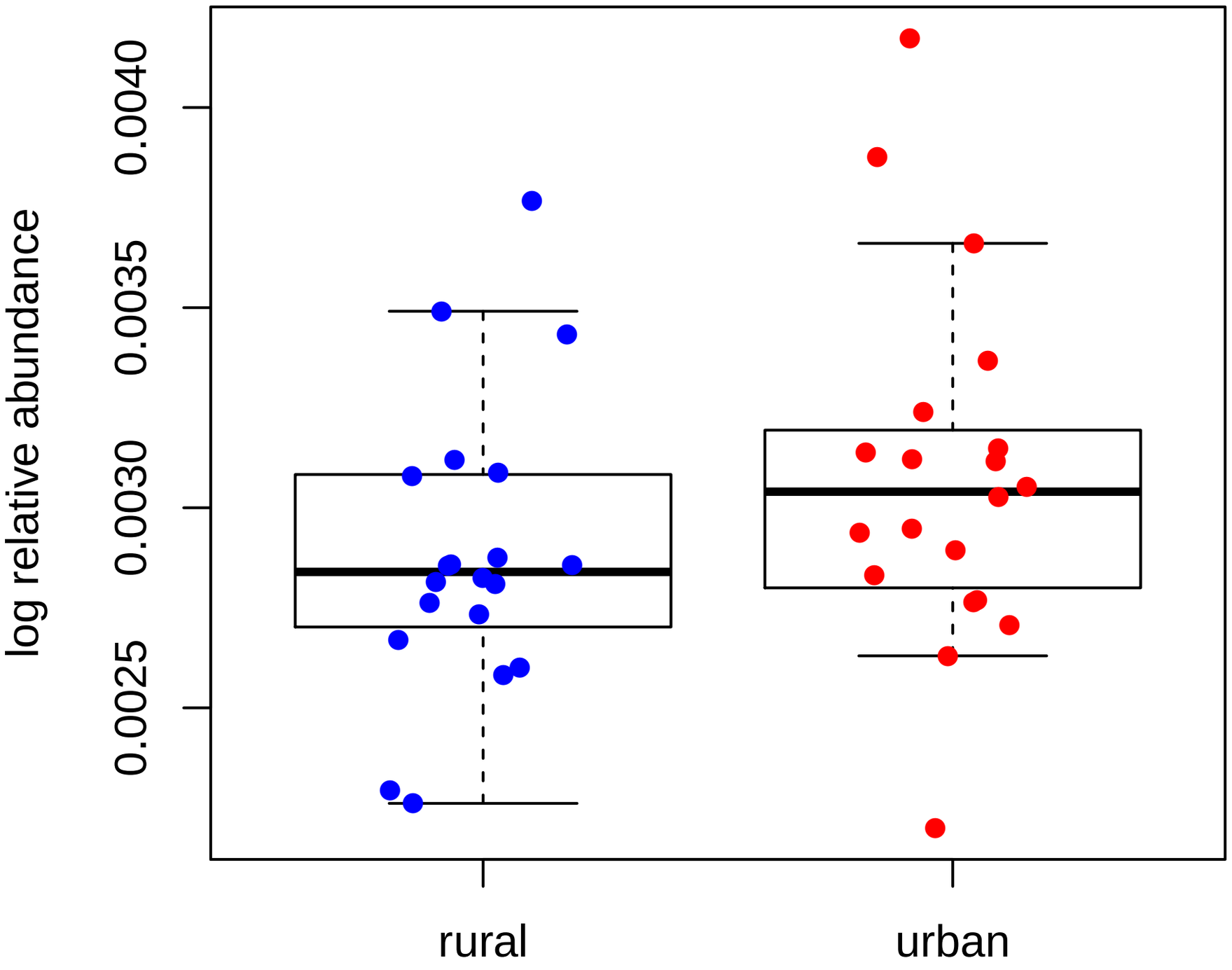

WGS pathway: ko00331
pAdjRuralUrban= 0.281
log relative abundance
0.0e+00
1.0e−05
2.0e−05
rural
urban

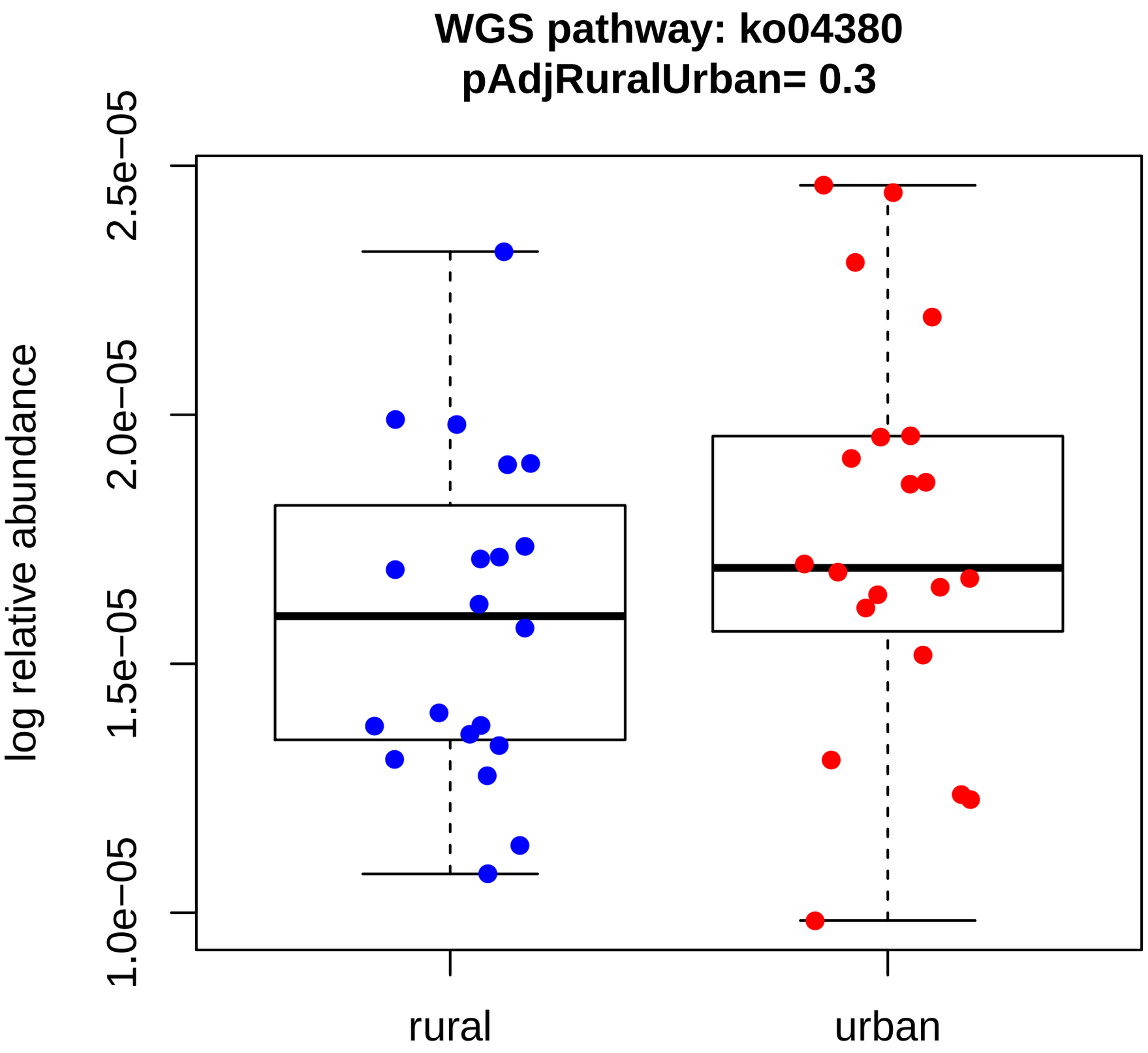

WGS pathway: ko00071
pAdjRuralUrban= 0.287
log relative abundance
0.0030
0.0040
0.0050
rural
urban

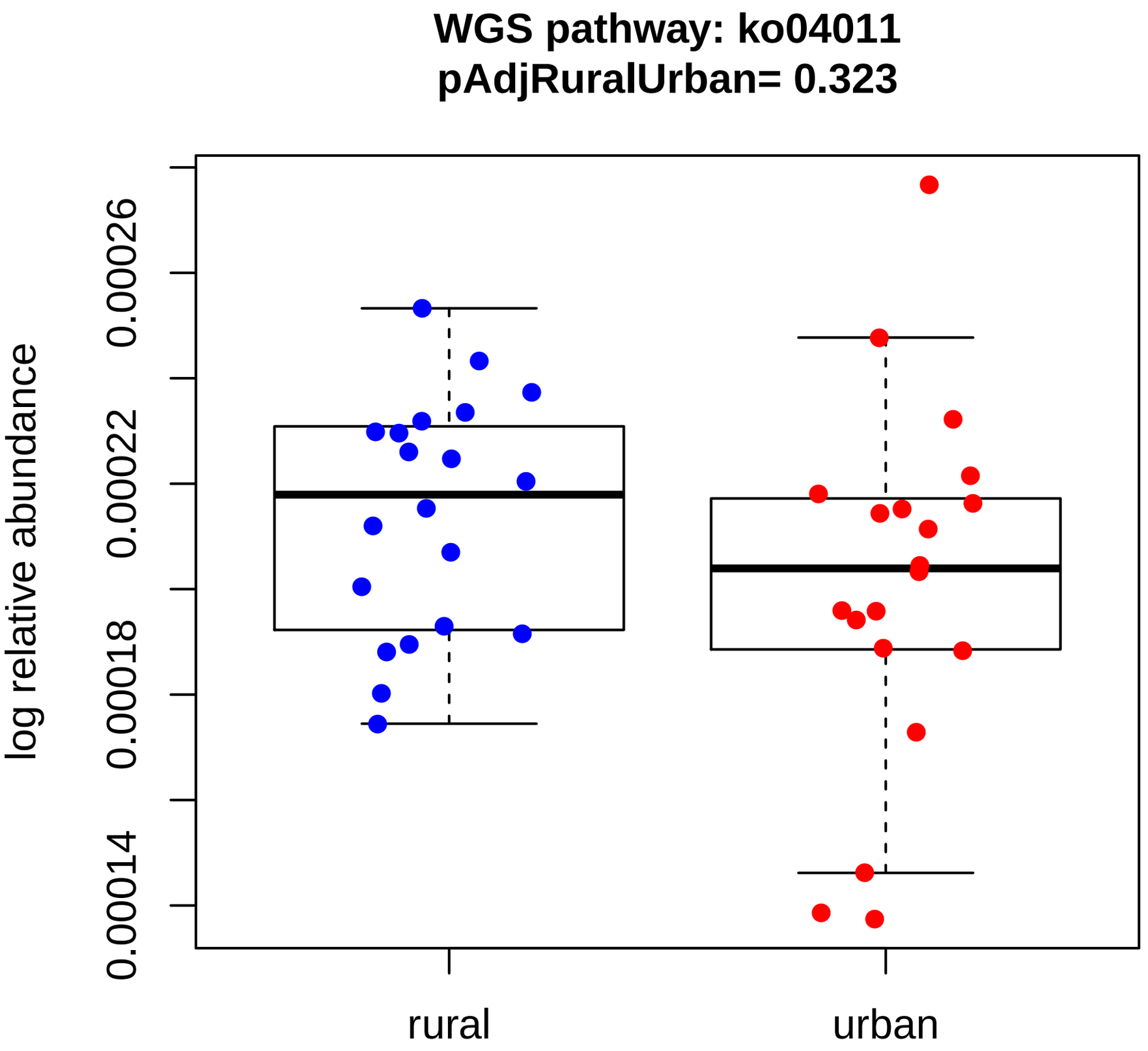

WGS pathway: ko04742
pAdjRuralUrban= 0.287
log relative abundance
0.00006
0.00008
0.00010
0.00012
rural
urban

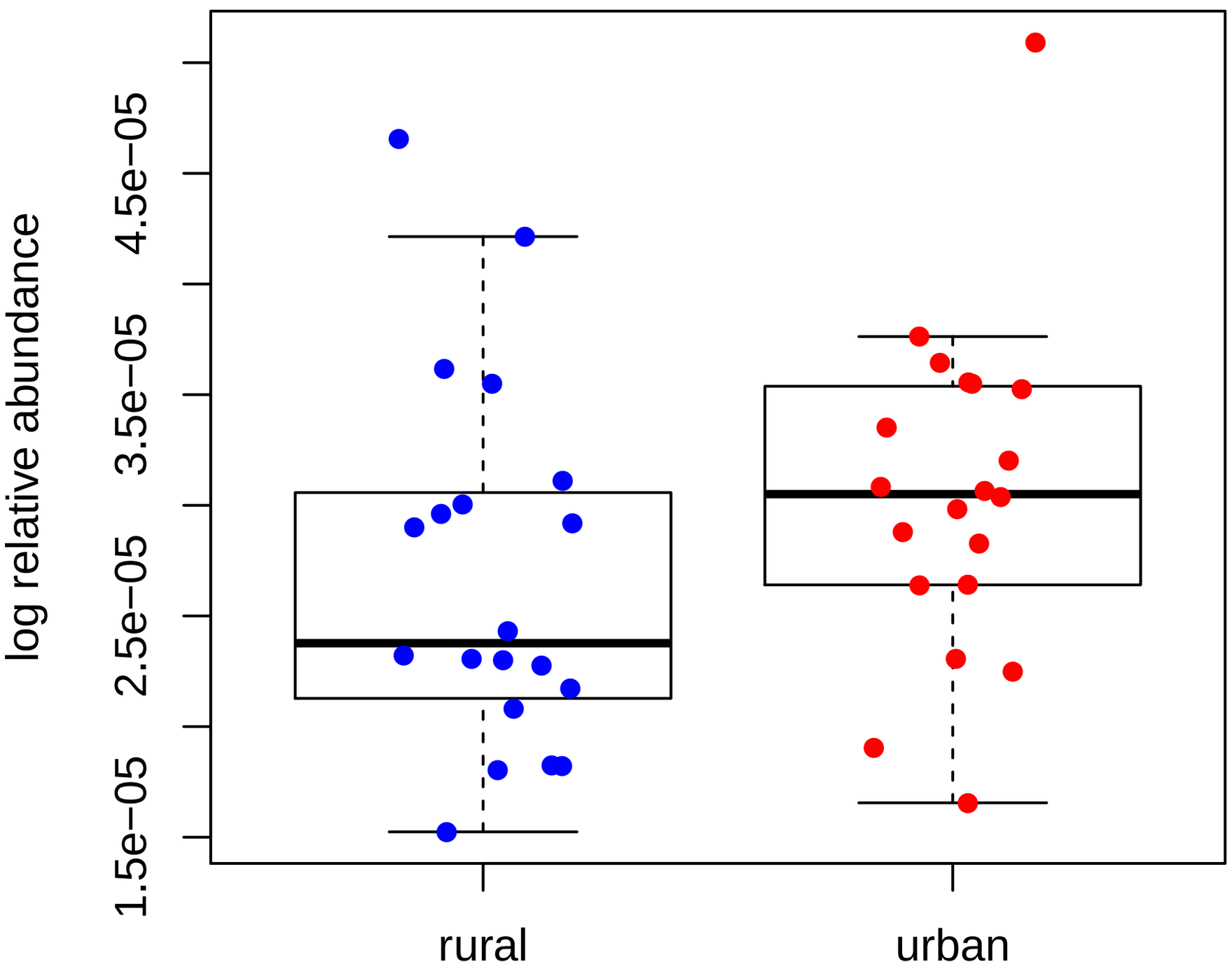

WGS pathway: ko04940
pAdjRuralUrban= 0.289
log relative abundance
1.5e−05
2.5e−05
3.5e−05
4.5e−05
rural
urban

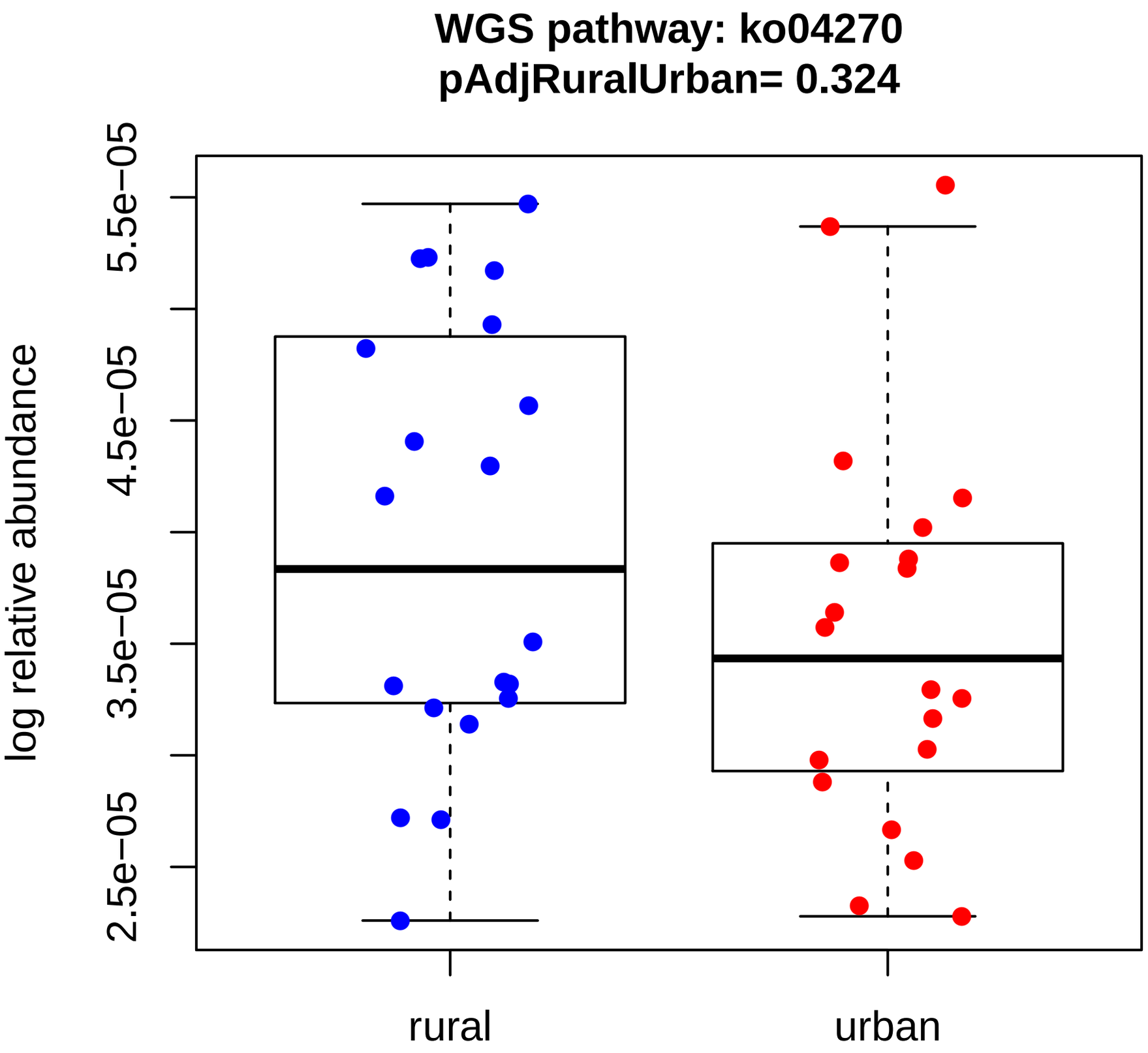

WGS pathway: ko05010
pAdjRuralUrban= 0.292
log relative abundance
2.5e−05
3.5e−05
4.5e−05
5.5e−05
rural
urban

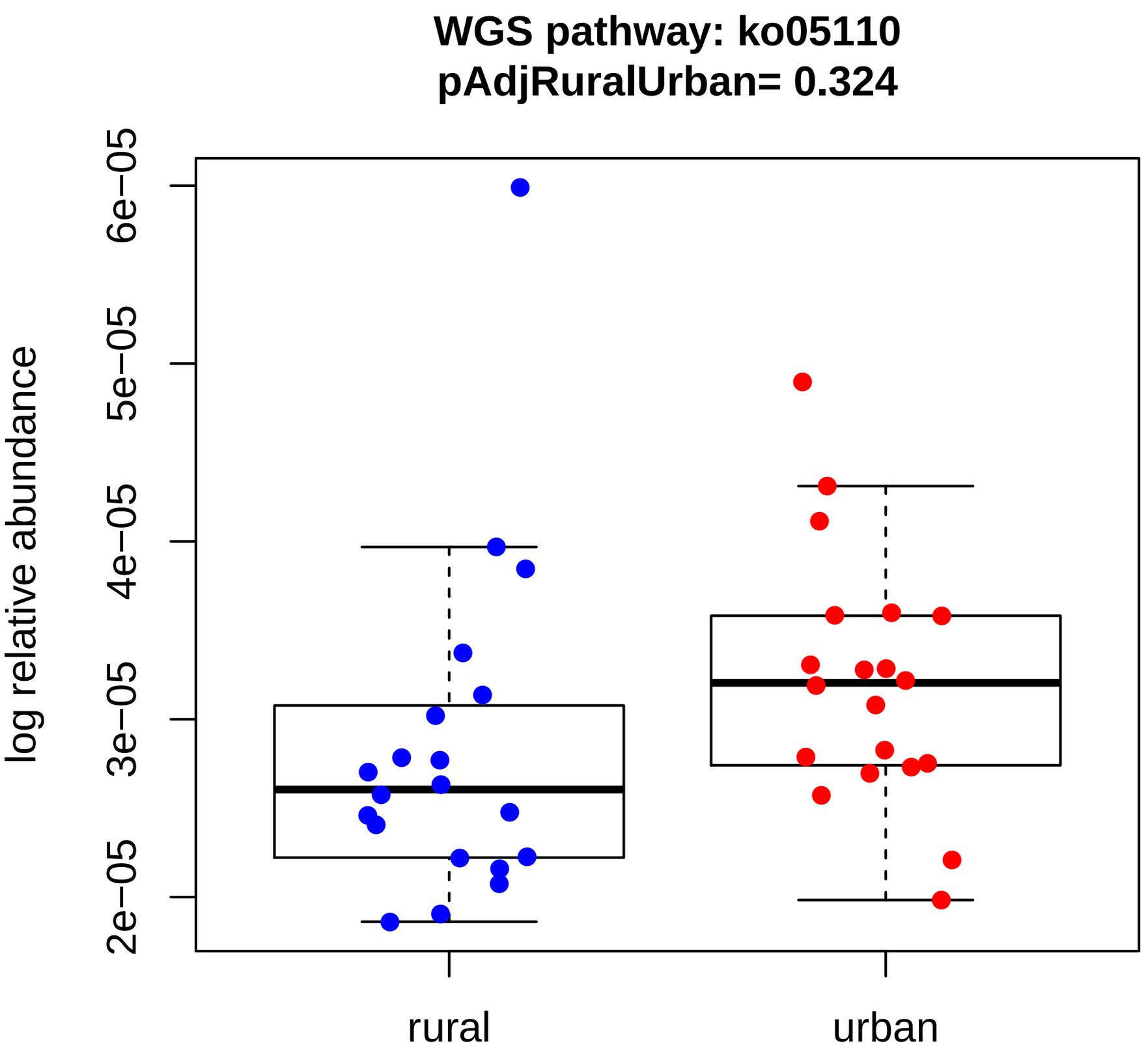

WGS pathway: ko00633
pAdjRuralUrban= 0.298
log relative abundance
0.0025
0.0030
0.0035
0.0040
rural
urban

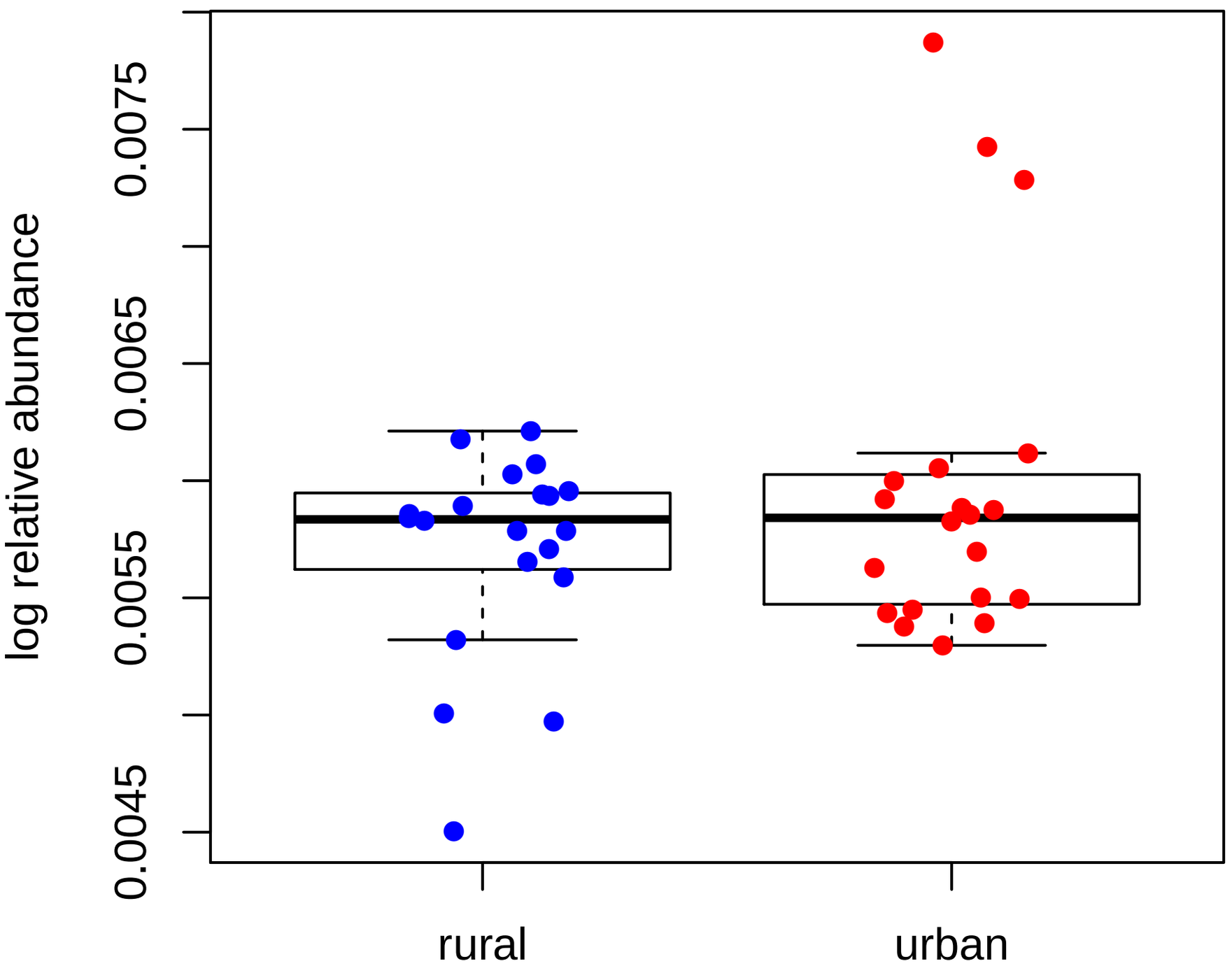

WGS pathway: ko04380
pAdjRuralUrban= 0.3
log relative abundance
1.0e−05
1.5e−05
2.0e−05
2.5e−05
rural
urban

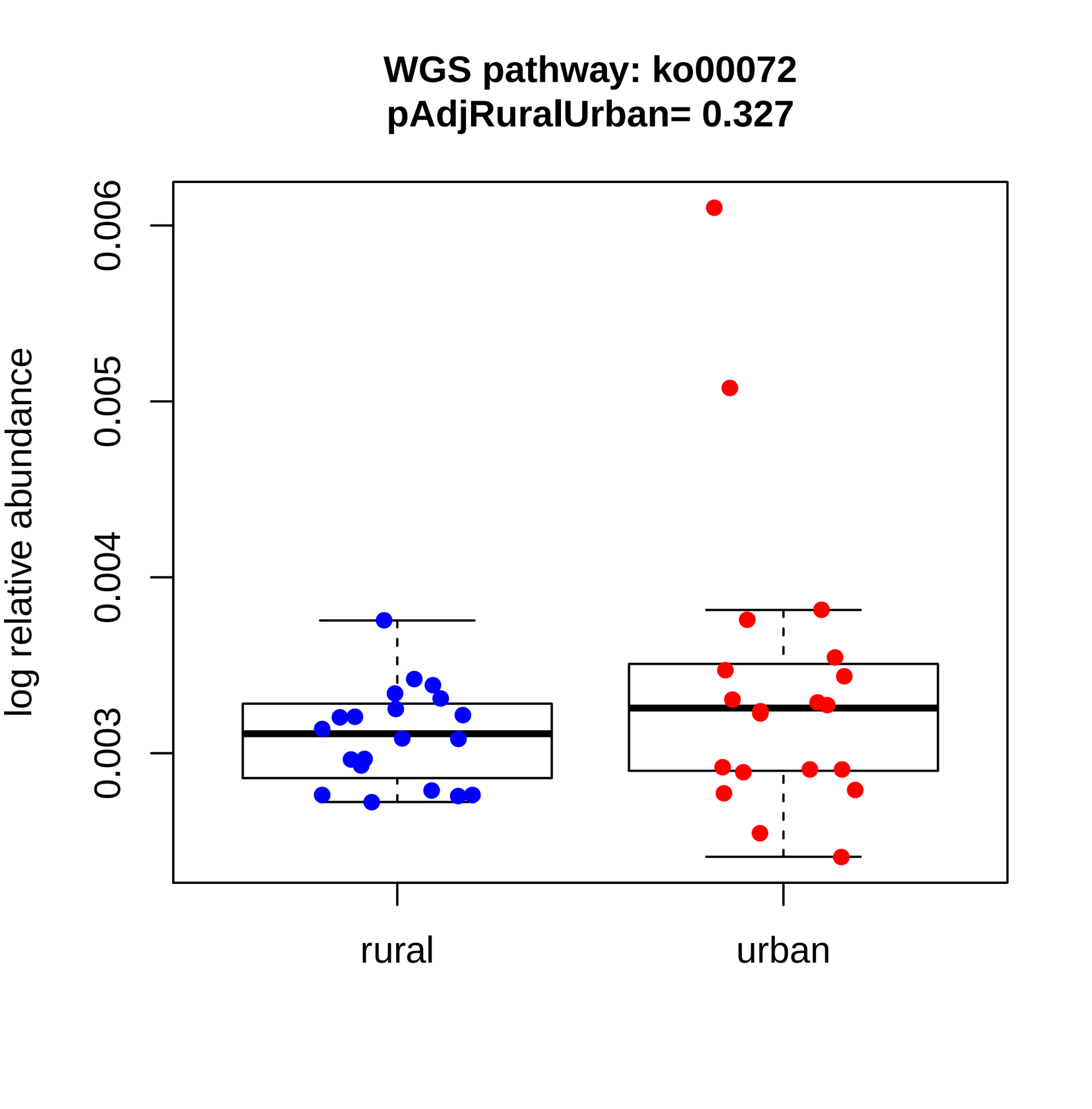

WGS pathway: ko04011
pAdjRuralUrban= 0.323
log relative abundance
0.00014
0.00018
0.00022
0.00026
rural
urban

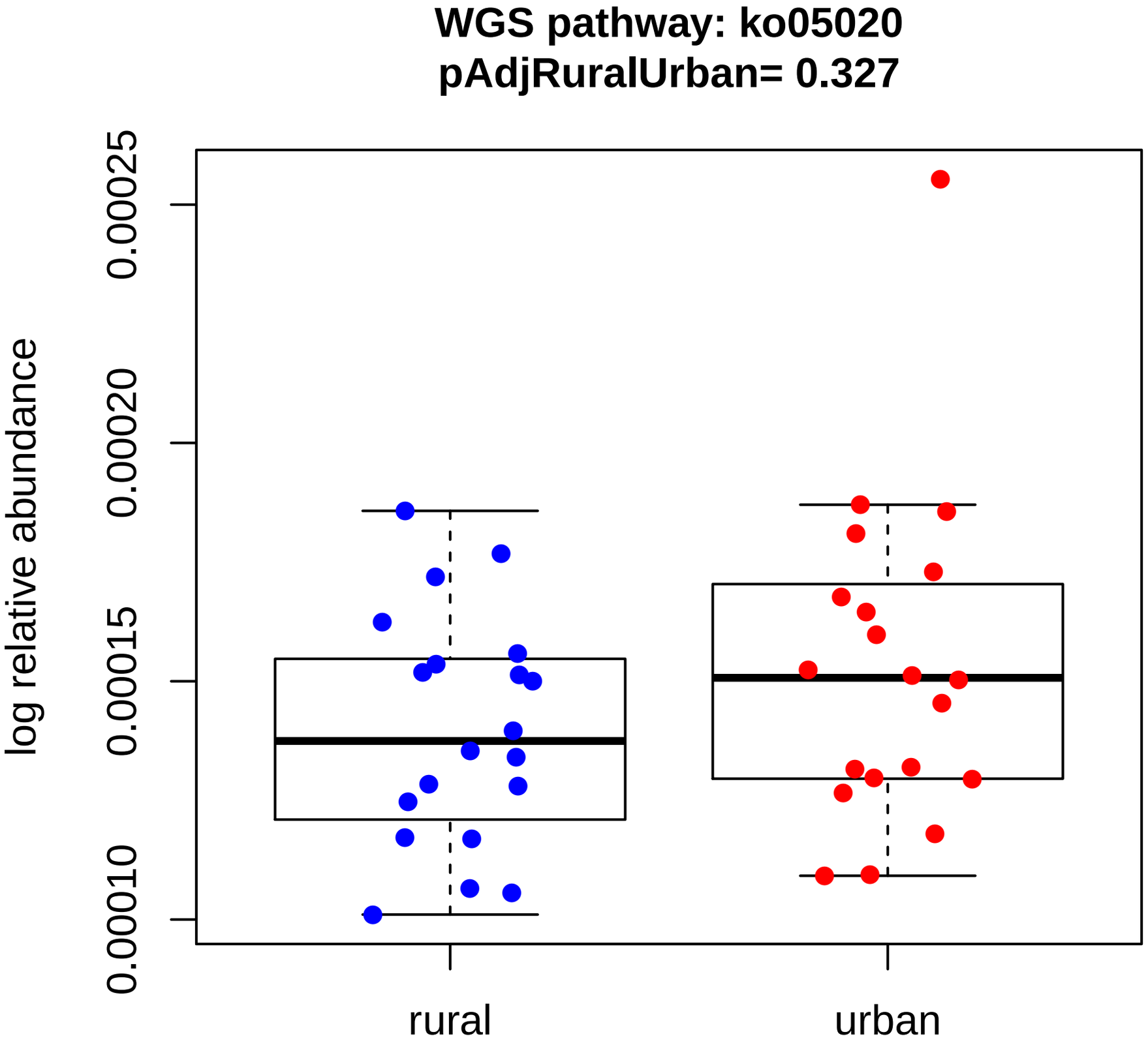

WGS pathway: ko00904
pAdjRuralUrban= 0.323
log relative abundance
1.5e−05
2.5e−05
3.5e−05
4.5e−05
rural
urban

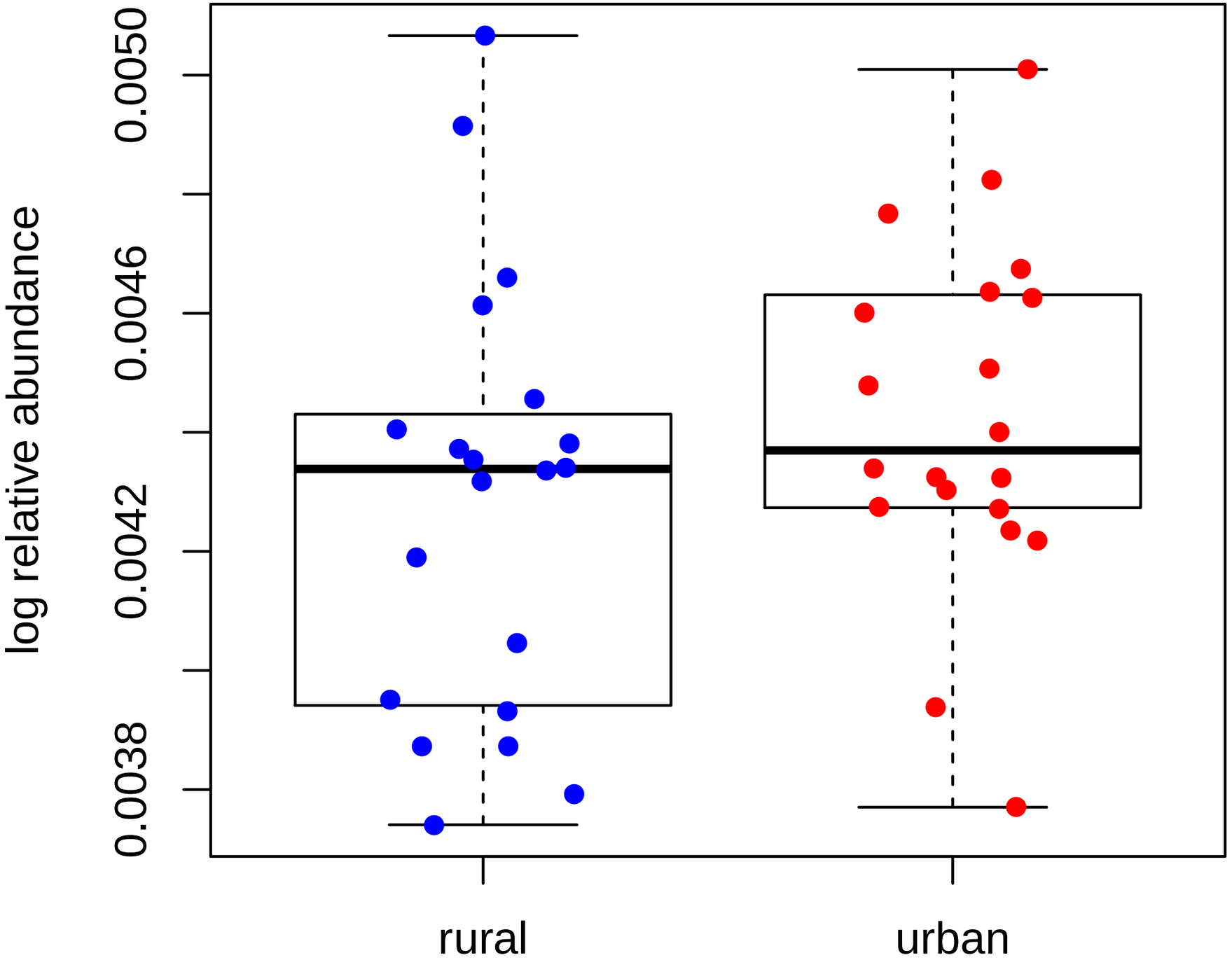

WGS pathway: ko04270
pAdjRuralUrban= 0.324
log relative abundance
2.5e−05
3.5e−05
4.5e−05
5.5e−05
rural
urban

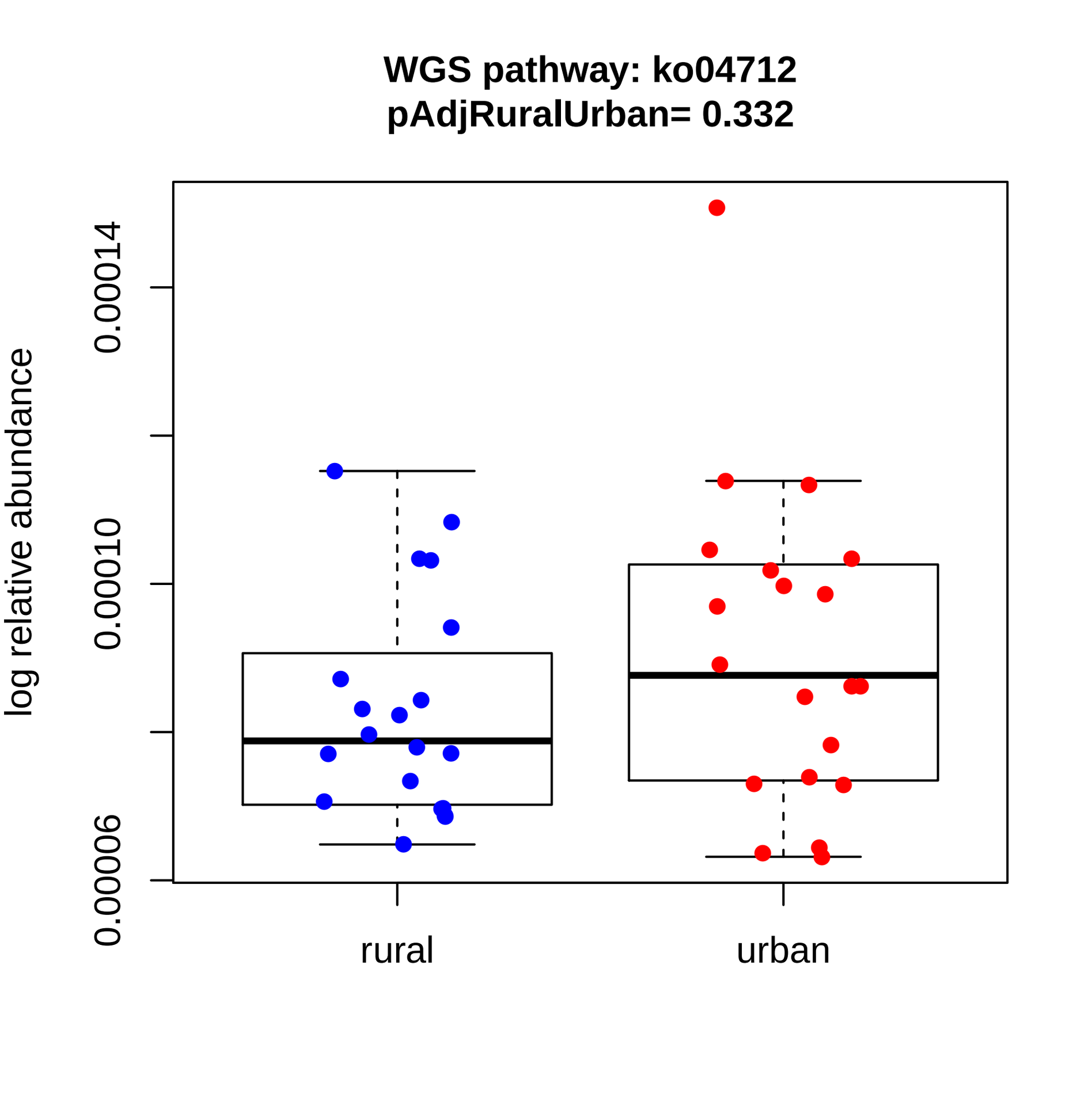

WGS pathway: ko05110
pAdjRuralUrban= 0.324
log relative abundance
2e−05
3e−05
4e−05
5e−05
6e−05
rural
urban

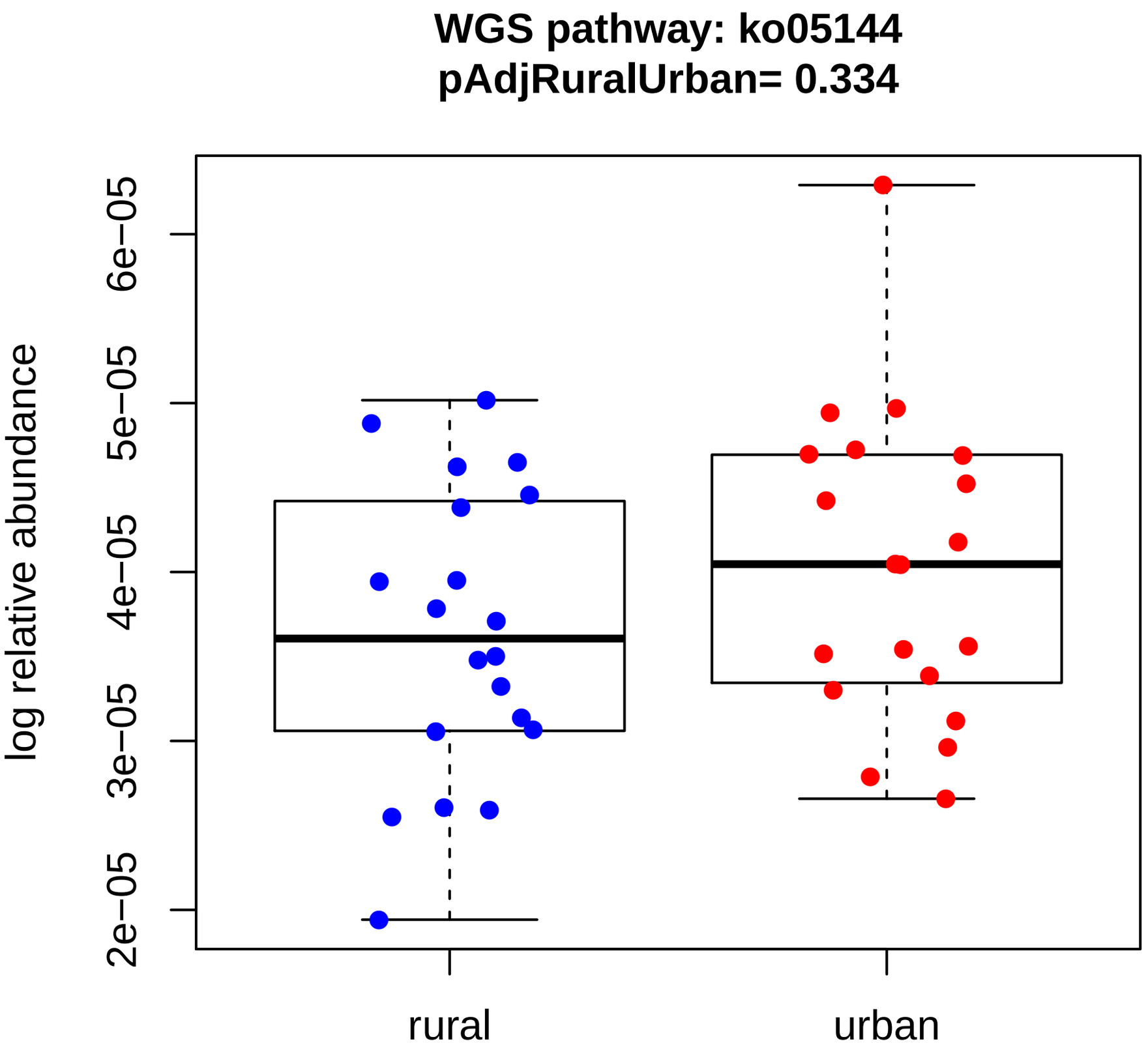

WGS pathway: ko00410
pAdjRuralUrban= 0.324
log relative abundance
0.0045
0.0055
0.0065
0.0075
rural
urban

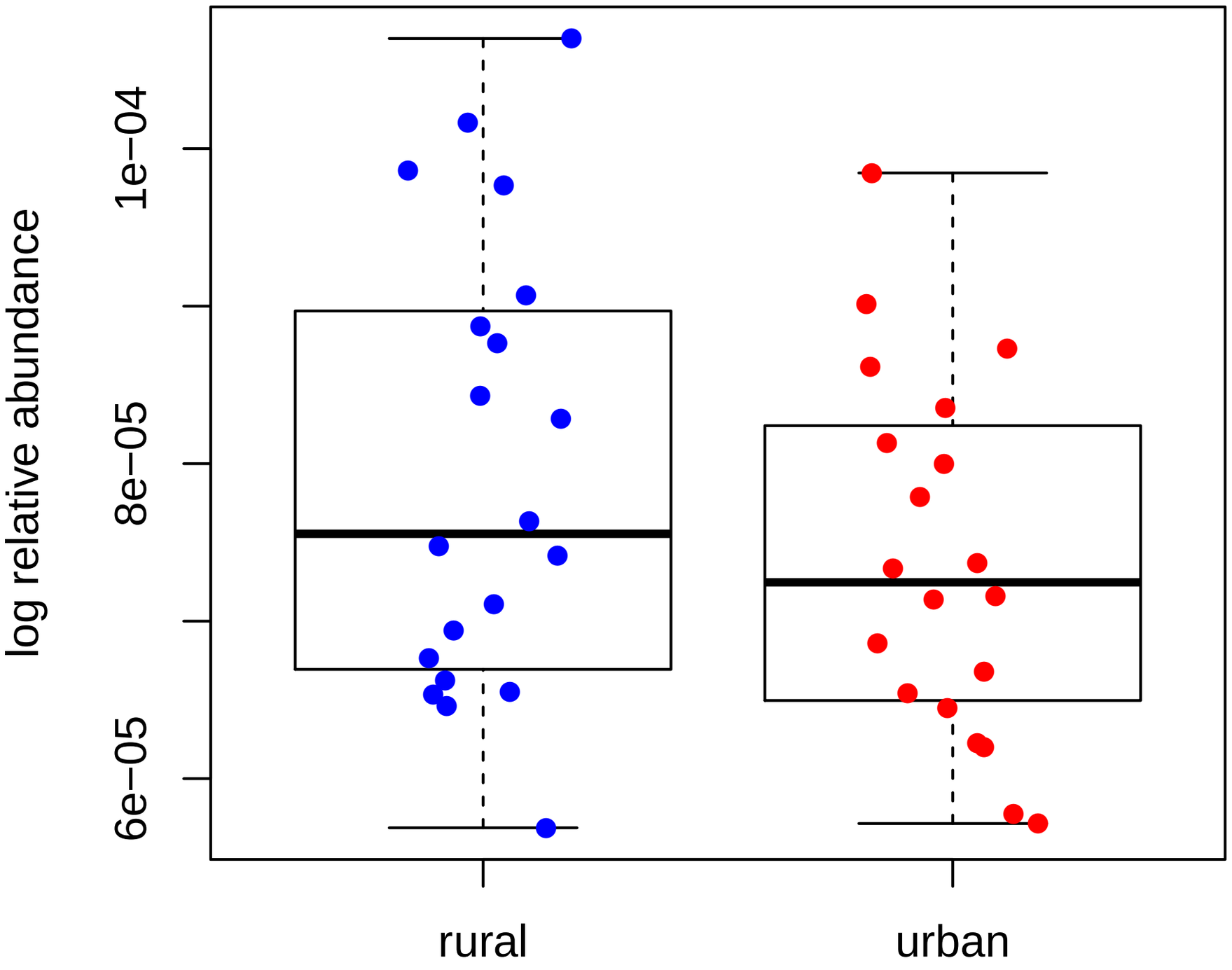

WGS pathway: ko00072
pAdjRuralUrban= 0.327
log relative abundance
0.003
0.004
0.005
0.006
rural
urban

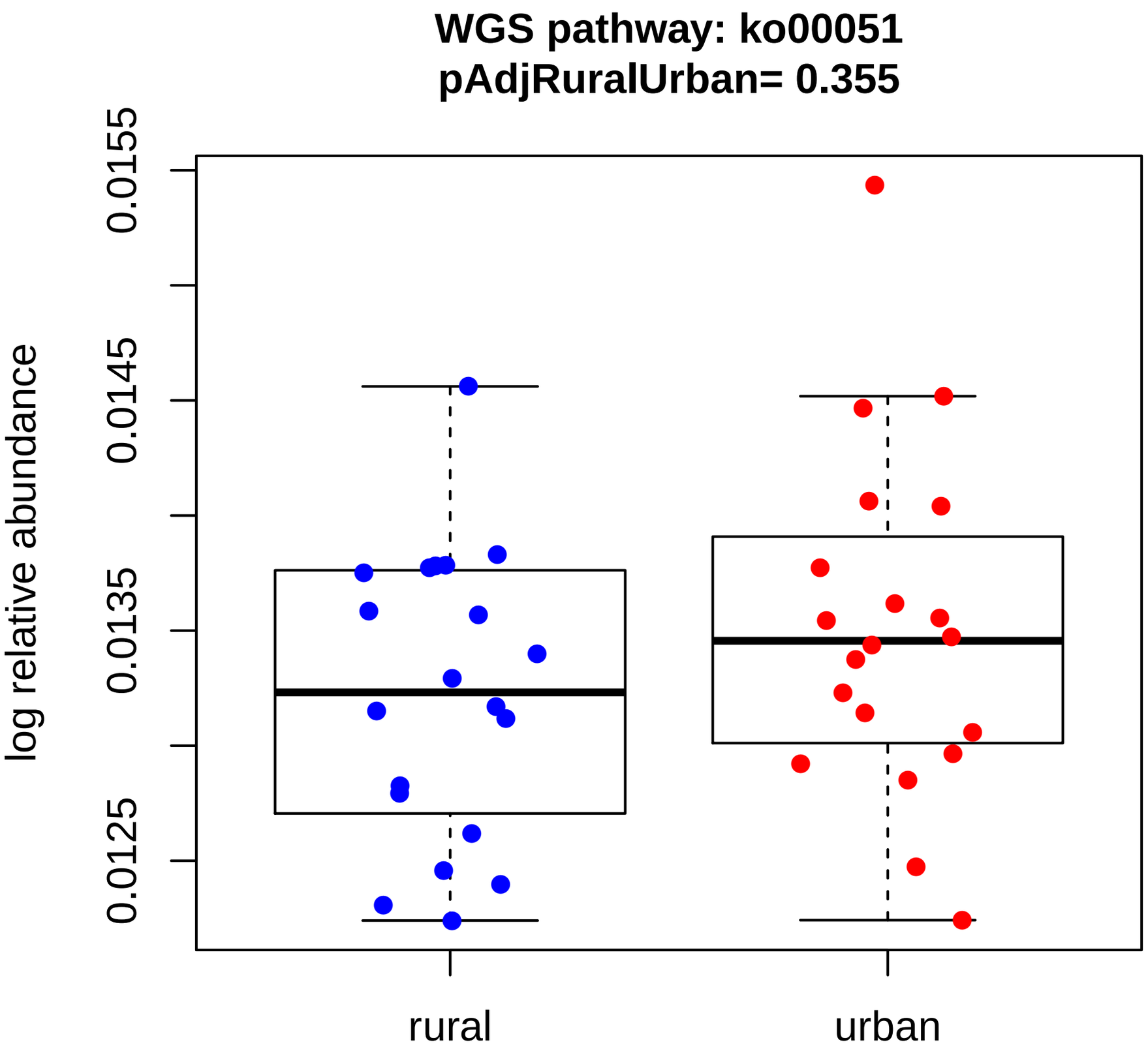

WGS pathway: ko05020
pAdjRuralUrban= 0.327
log relative abundance
0.00010
0.00015
0.00020
0.00025
rural
urban

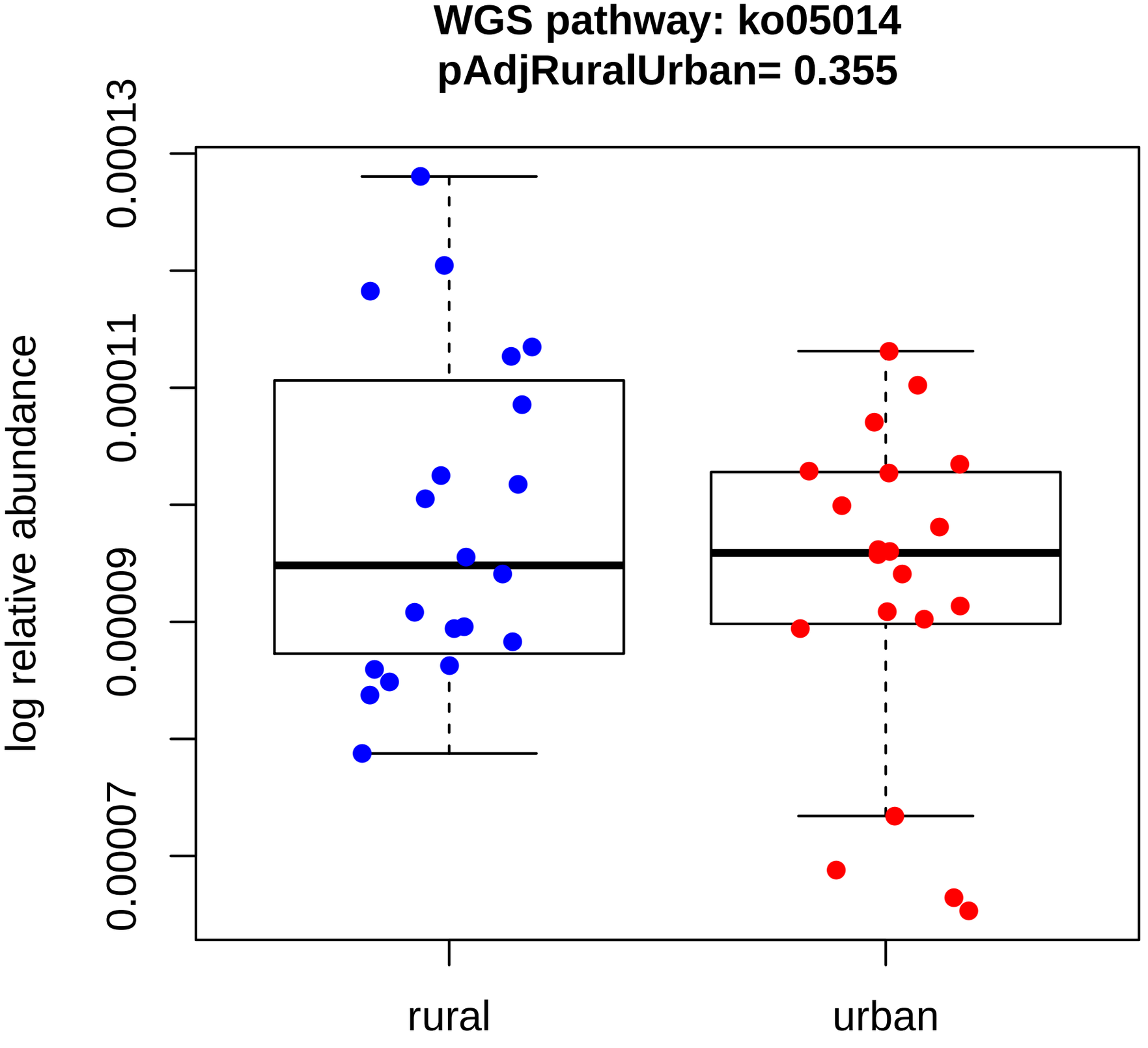

WGS pathway: ko00561
pAdjRuralUrban= 0.33
log relative abundance
0.0038
0.0042
0.0046
0.0050
rural
urban

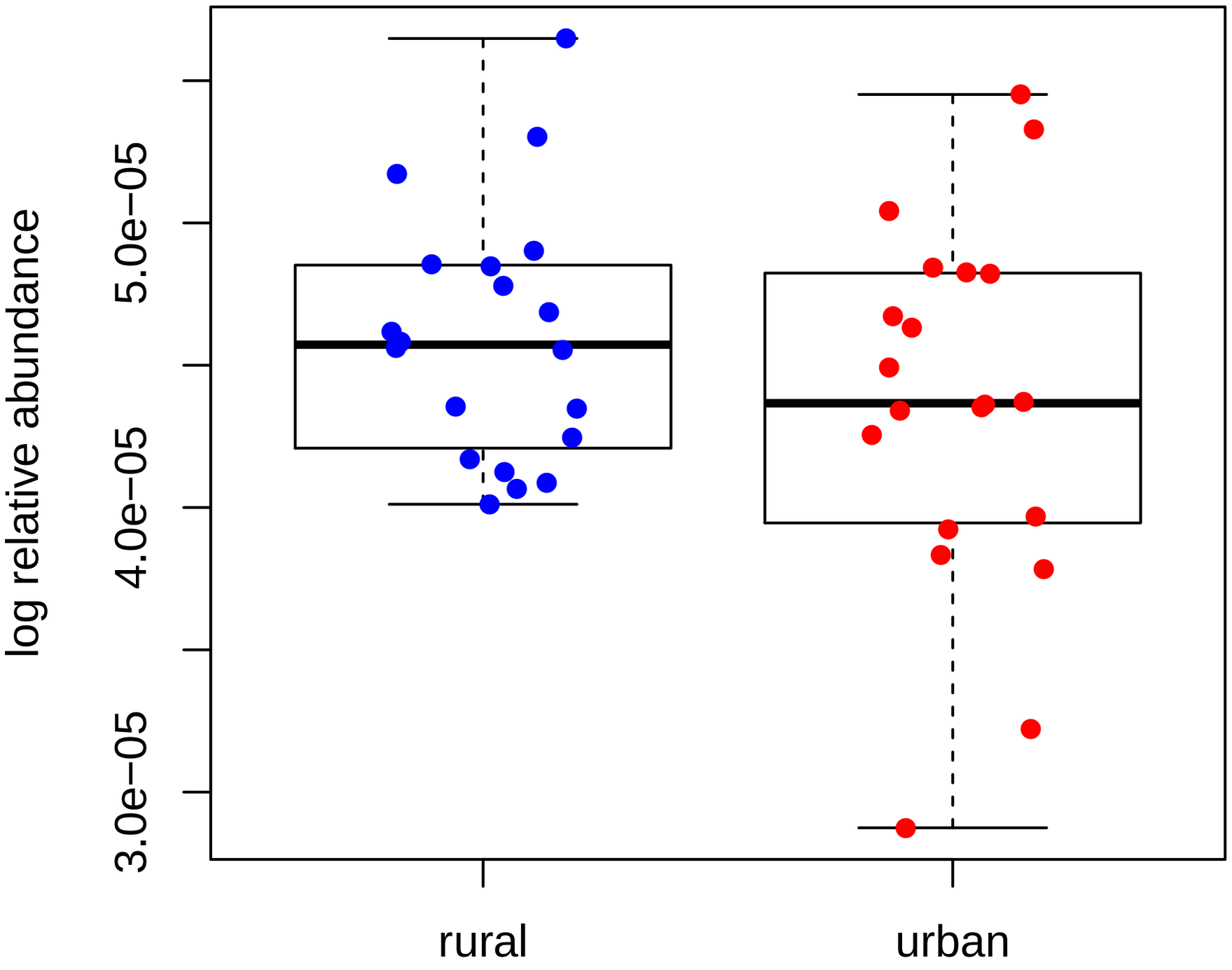

WGS pathway: ko04712
pAdjRuralUrban= 0.332
log relative abundance
0.00006
0.00010
0.00014
rural
urban

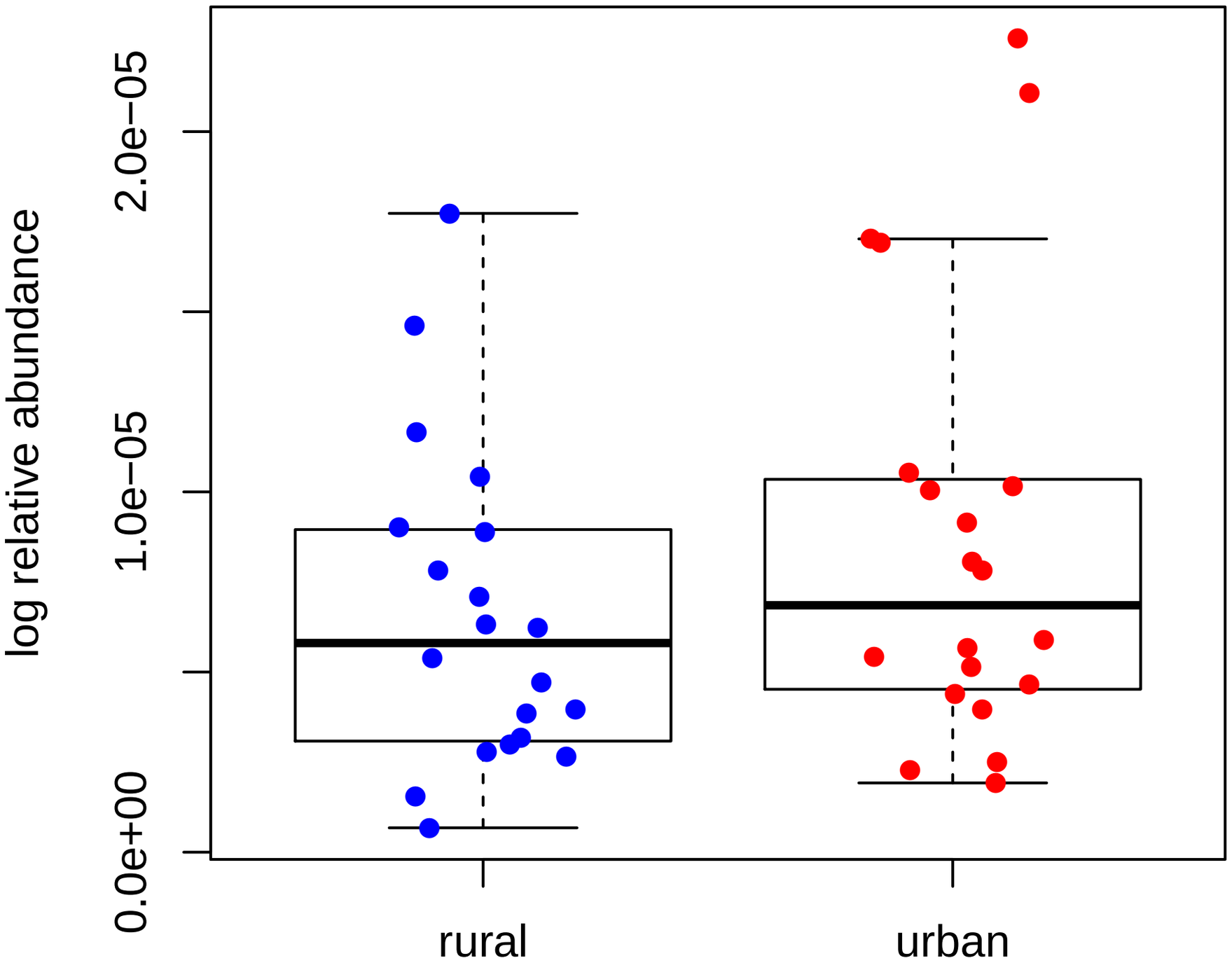

WGS pathway: ko05144
pAdjRuralUrban= 0.334
log relative abundance
2e−05
3e−05
4e−05
5e−05
6e−05
rural
urban

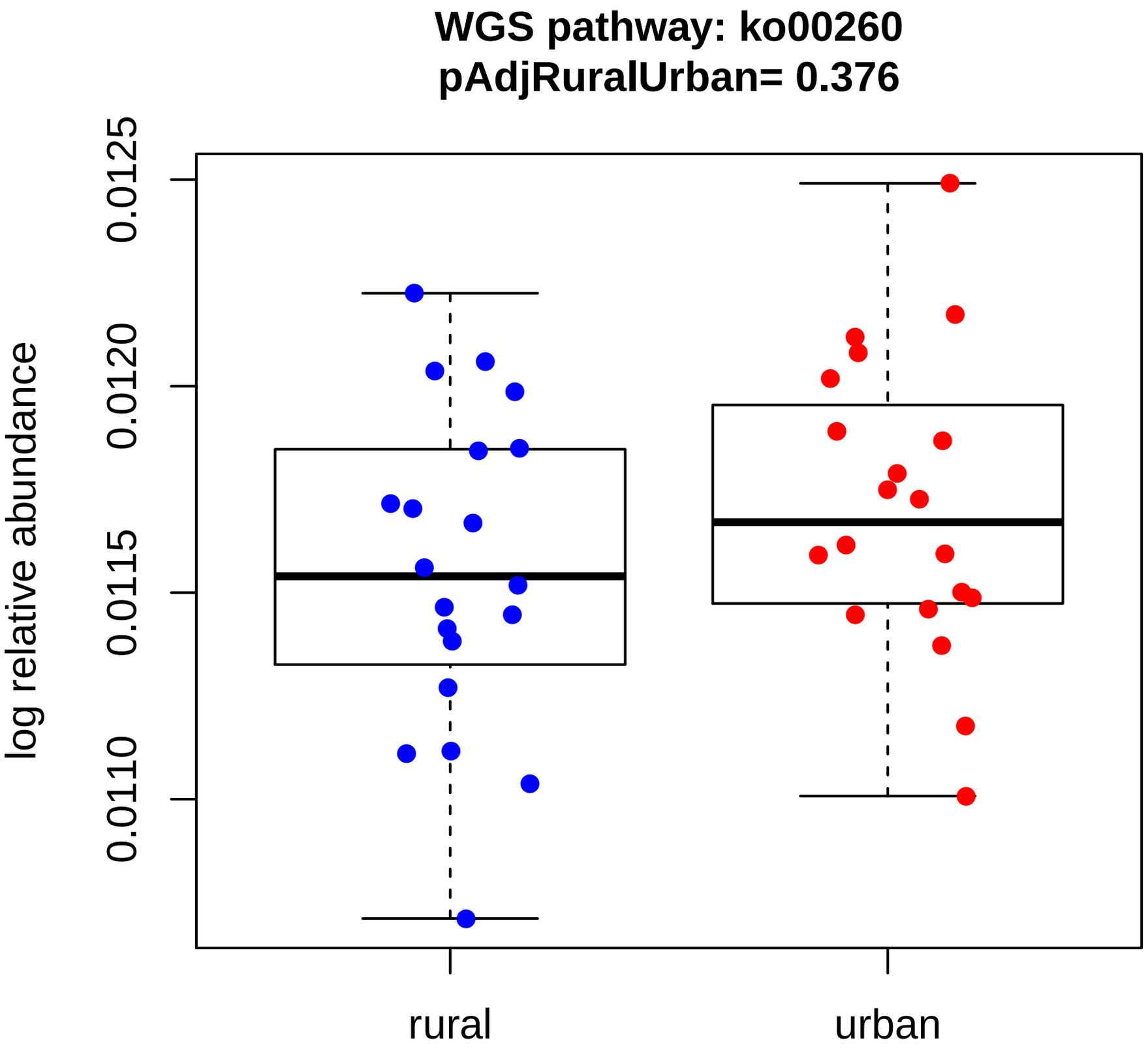

WGS pathway: ko04710
pAdjRuralUrban= 0.338
log relative abundance
1e−04
8e−05
6e−05
rural
urban

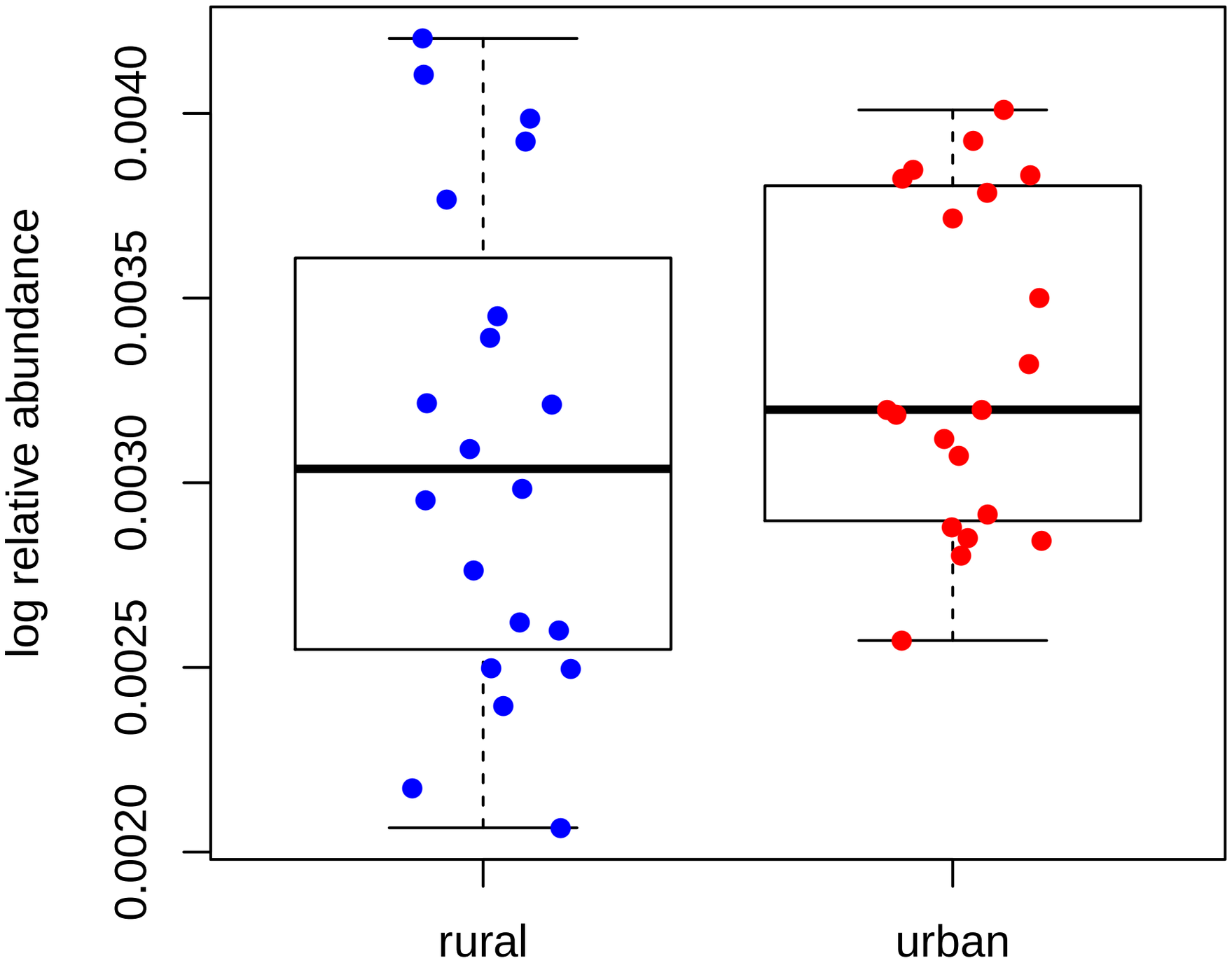

WGS pathway: ko00051
pAdjRuralUrban= 0.355
log relative abundance
0.0125
0.01135
0.01145
0.0155
rural
urban

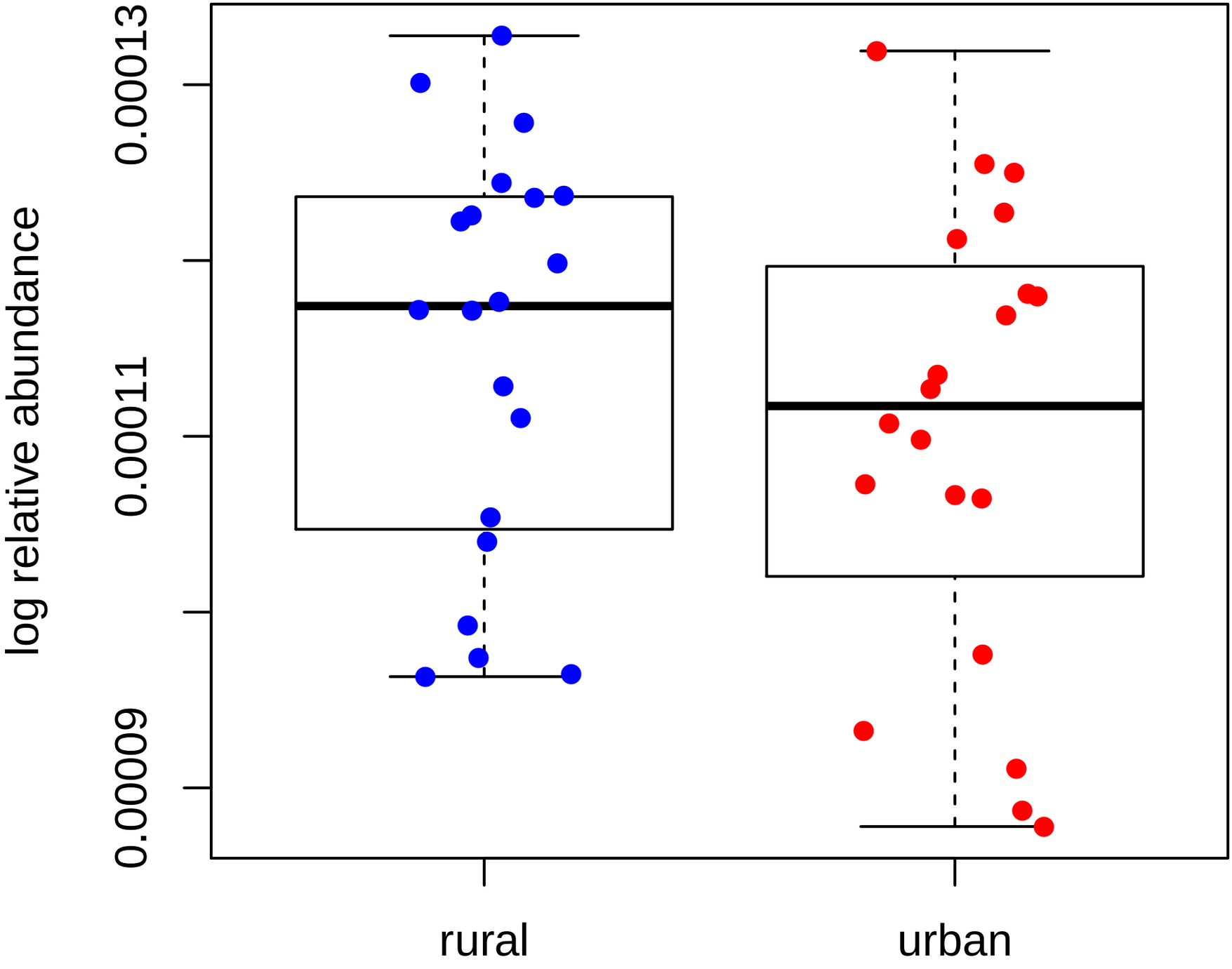

WGS pathway: ko05014
pAdjRuralUrban= 0.355
log relative abundance
0.00013
0.00011
0.00009
0.00007
rural
urban

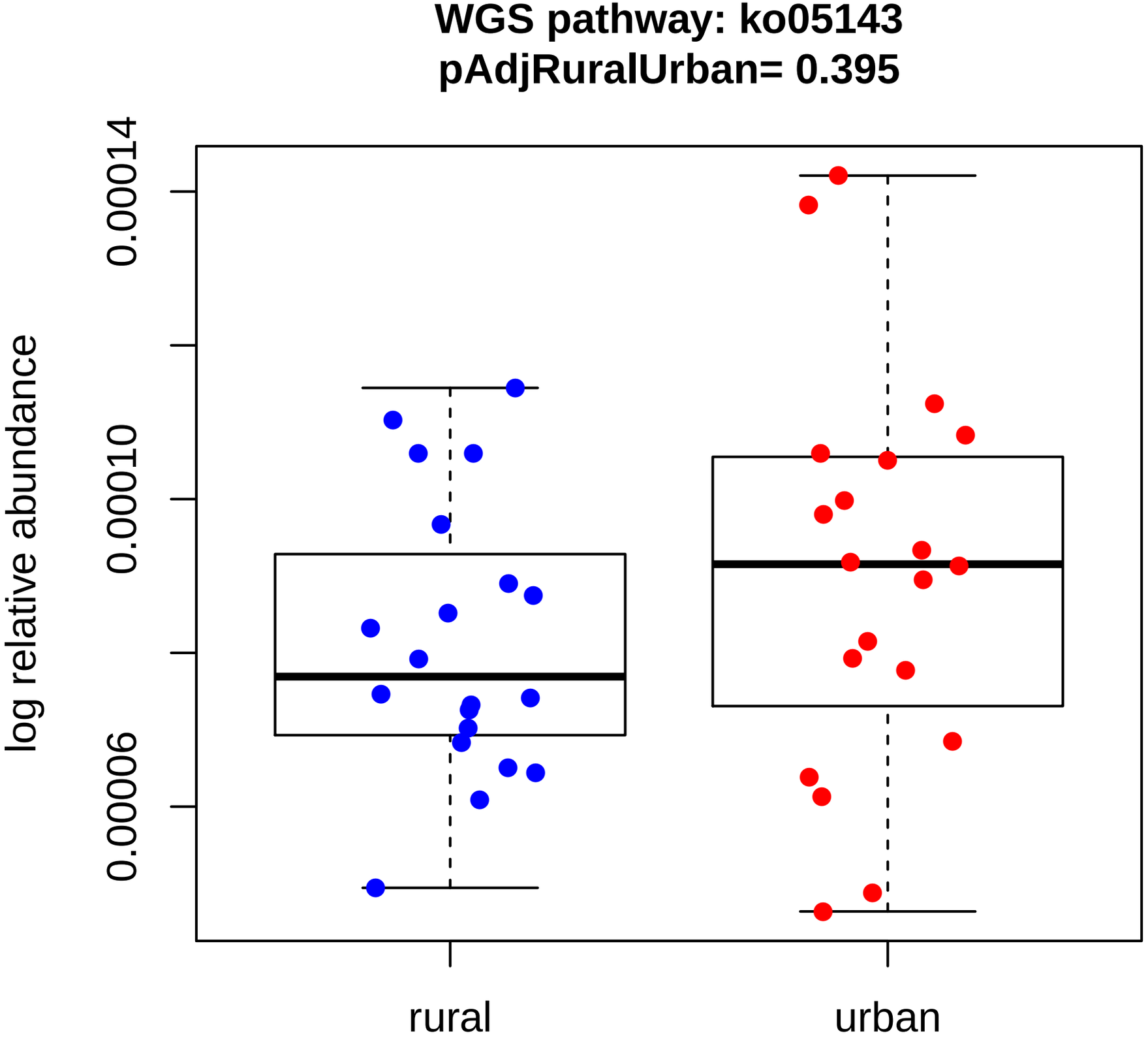

WGS pathway: ko05016
pAdjRuralUrban= 0.375
log relative abundance
3.0e−05
4.0e−05
5.0e−05
rural
urban

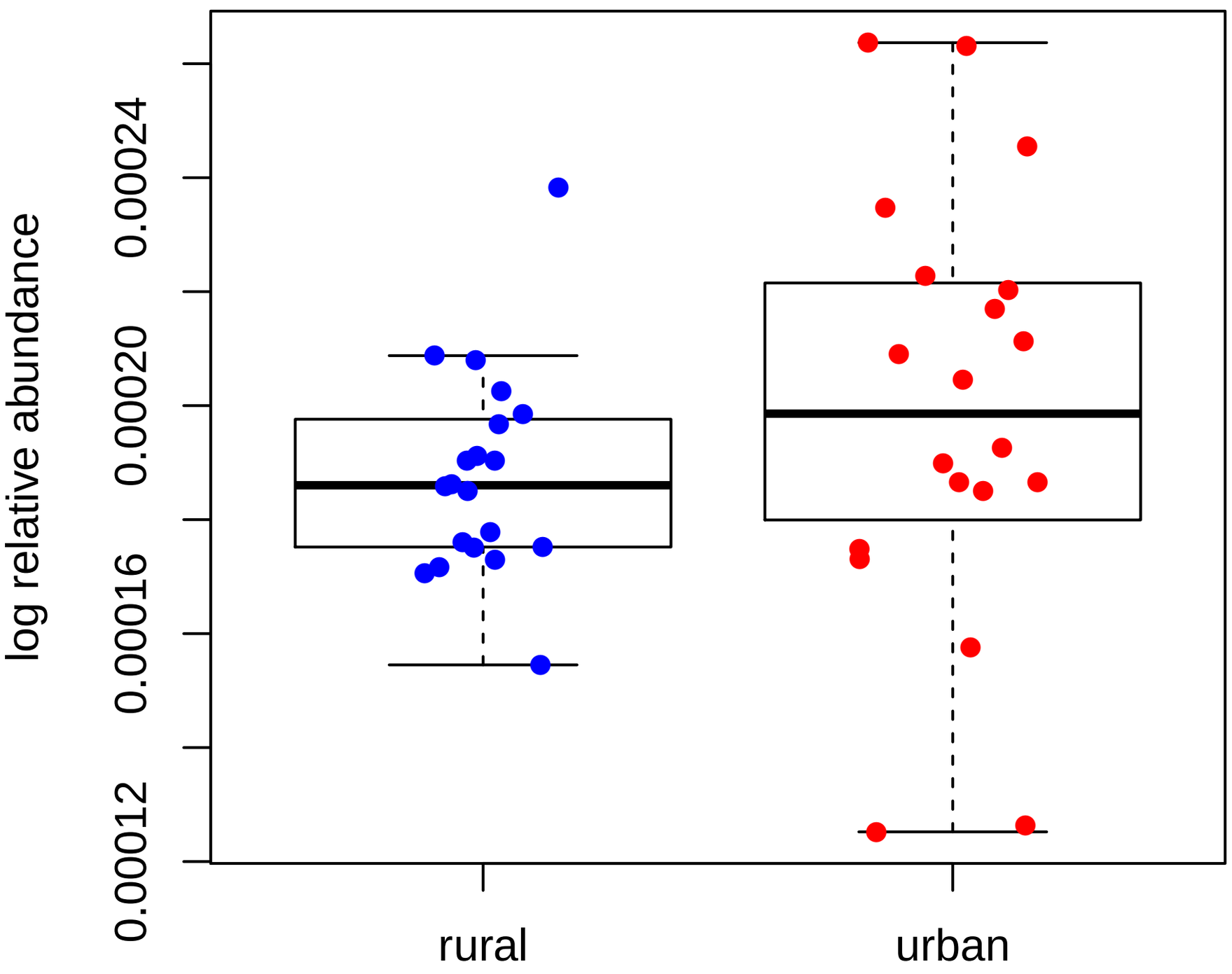

WGS pathway: ko00642
pAdjRuralUrban= 0.375
log relative abundance
0.0e+00
1.0e−05
2.0e−05
rural
urban

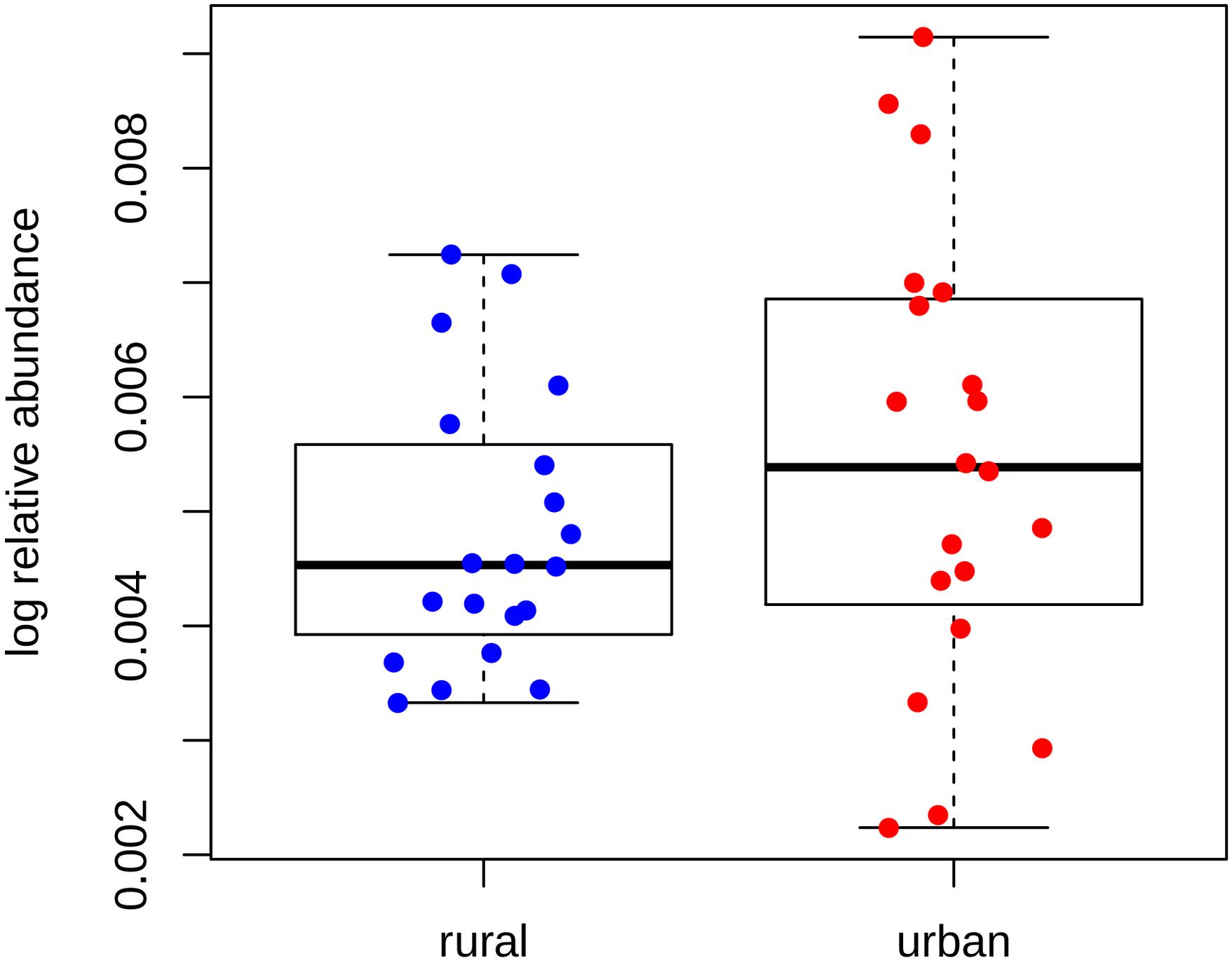

WGS pathway: ko00260
pAdjRuralUrban= 0.376
log relative abundance
0.0110
0.01115
0.01120
0.01125
rural
urban

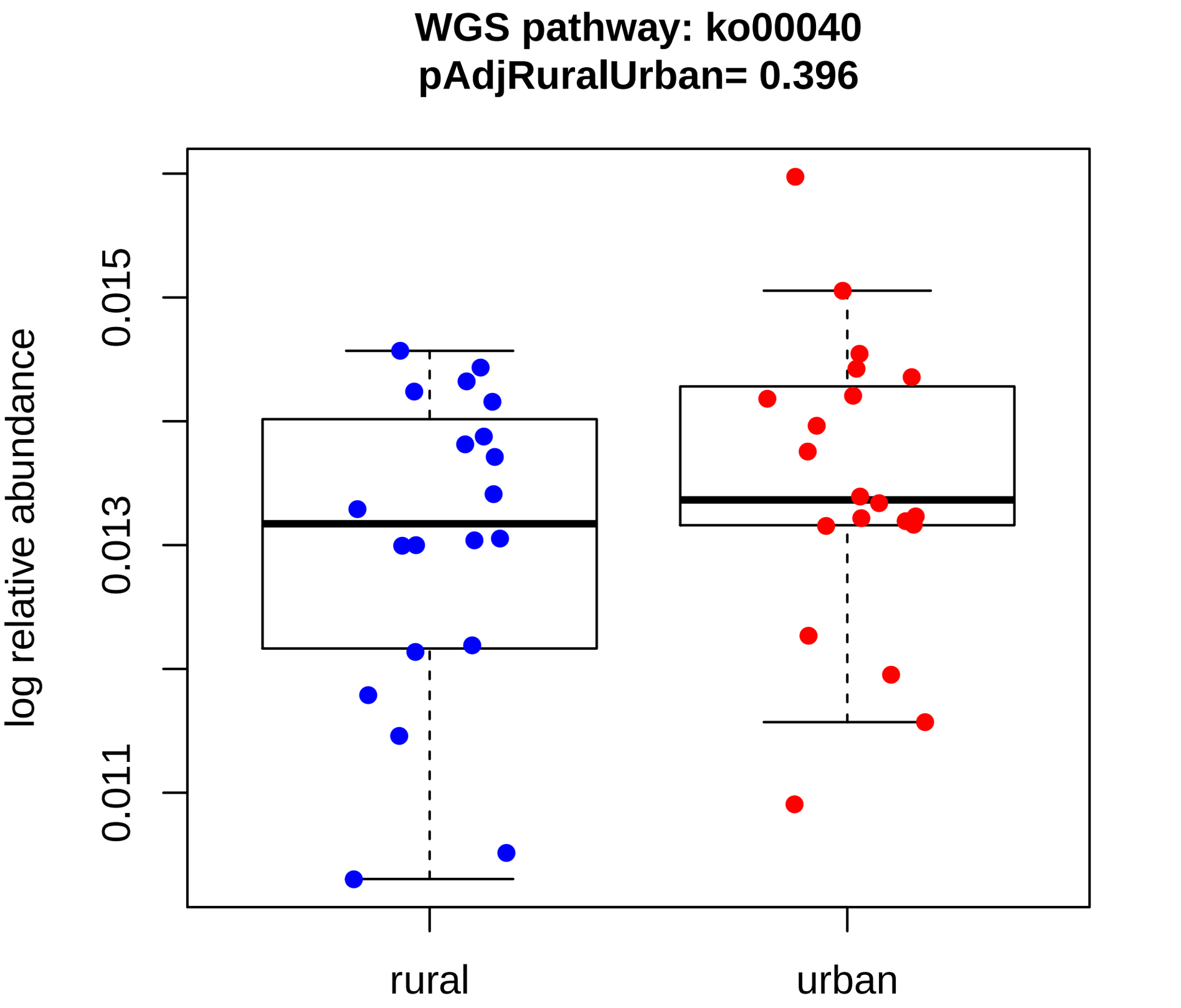

WGS pathway: ko00440
pAdjRuralUrban= 0.383
log relative abundance
0.0020
0.0025
0.0030
0.0035
0.0040
rural
urban

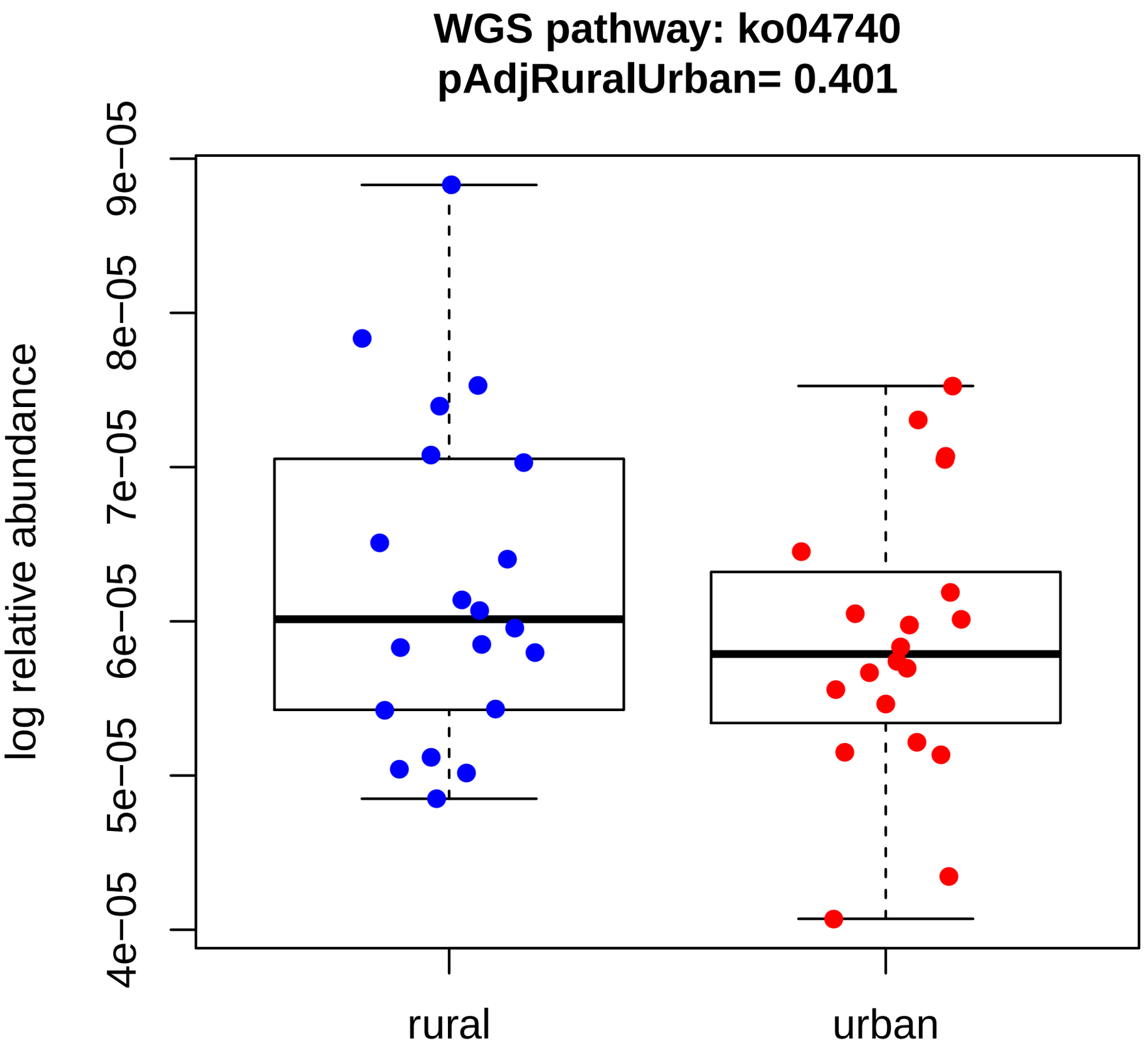

WGS pathway: ko04512
pAdjRuralUrban= 0.395
log relative abundance
0.00013
0.00011
0.00009
rural
urban

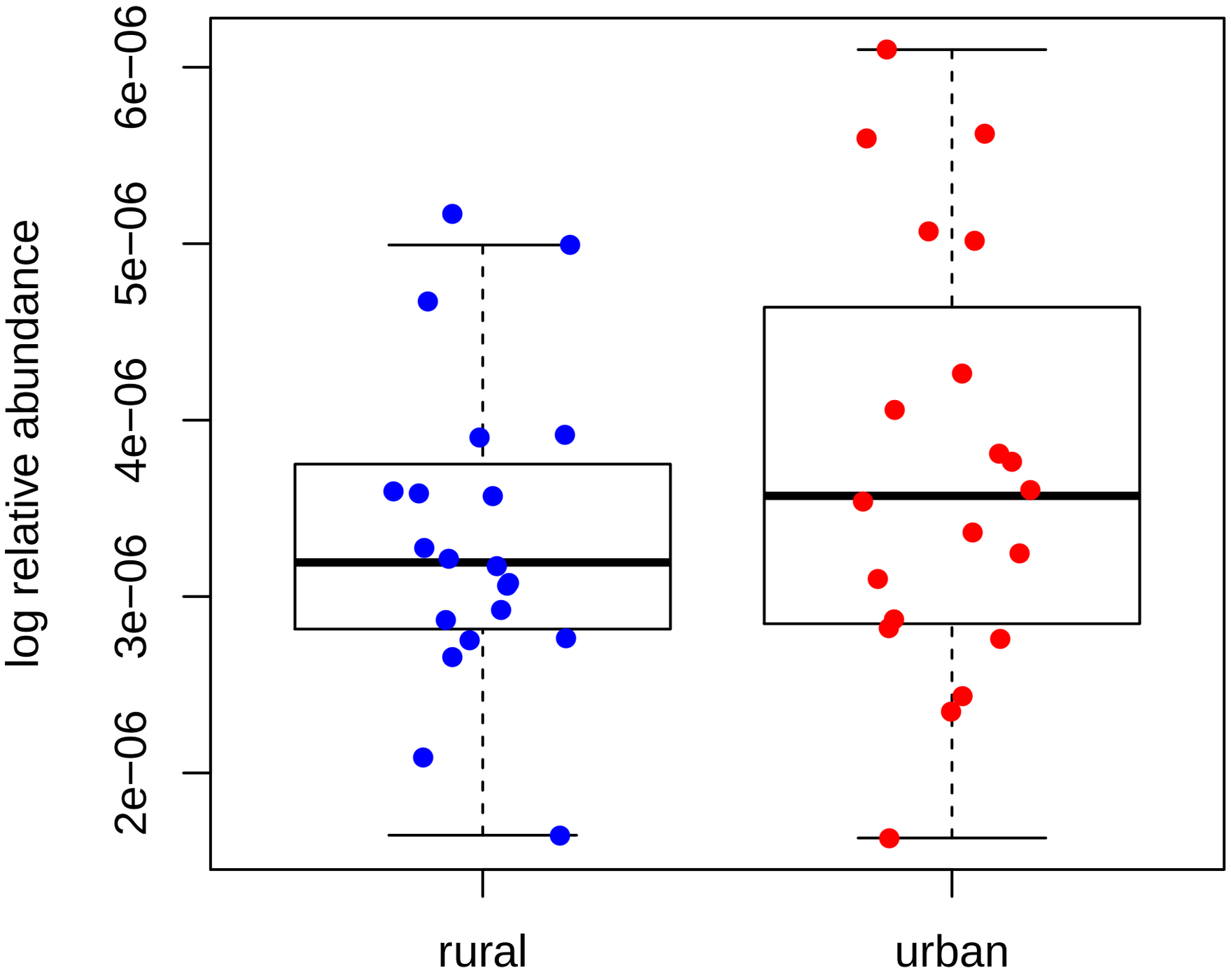

WGS pathway: ko05143
pAdjRuralUrban= 0.395
log relative abundance
0.00014
0.00010
0.00006
rural
urban

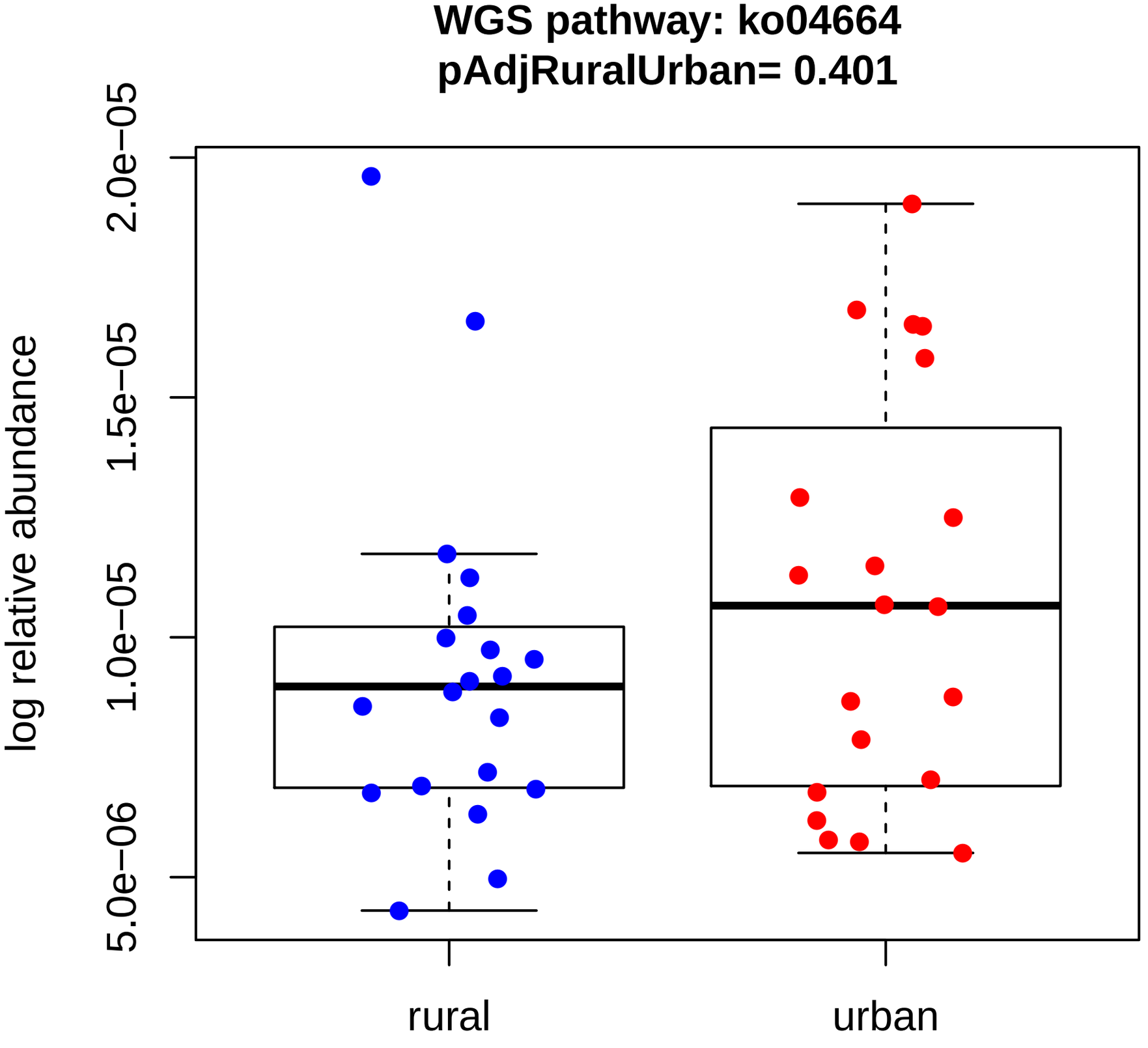

WGS pathway: ko00534
pAdjRuralUrban= 0.395
log relative abundance
0.00012
0.00016
0.00020
0.00024
rural
urban

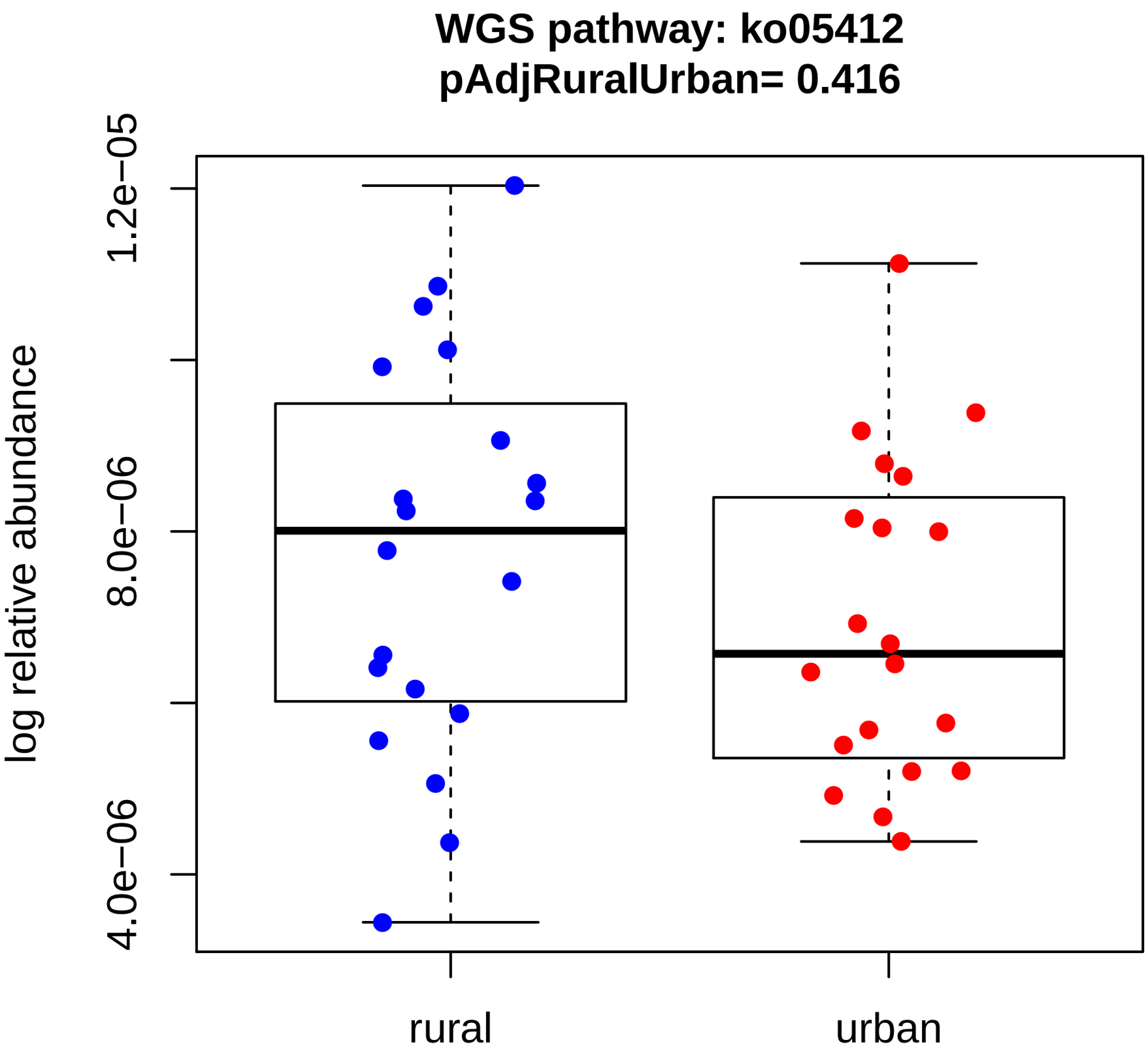

WGS pathway: ko02040
pAdjRuralUrban= 0.396
log relative abundance
0.002
0.004
0.006
0.008
rural
urban

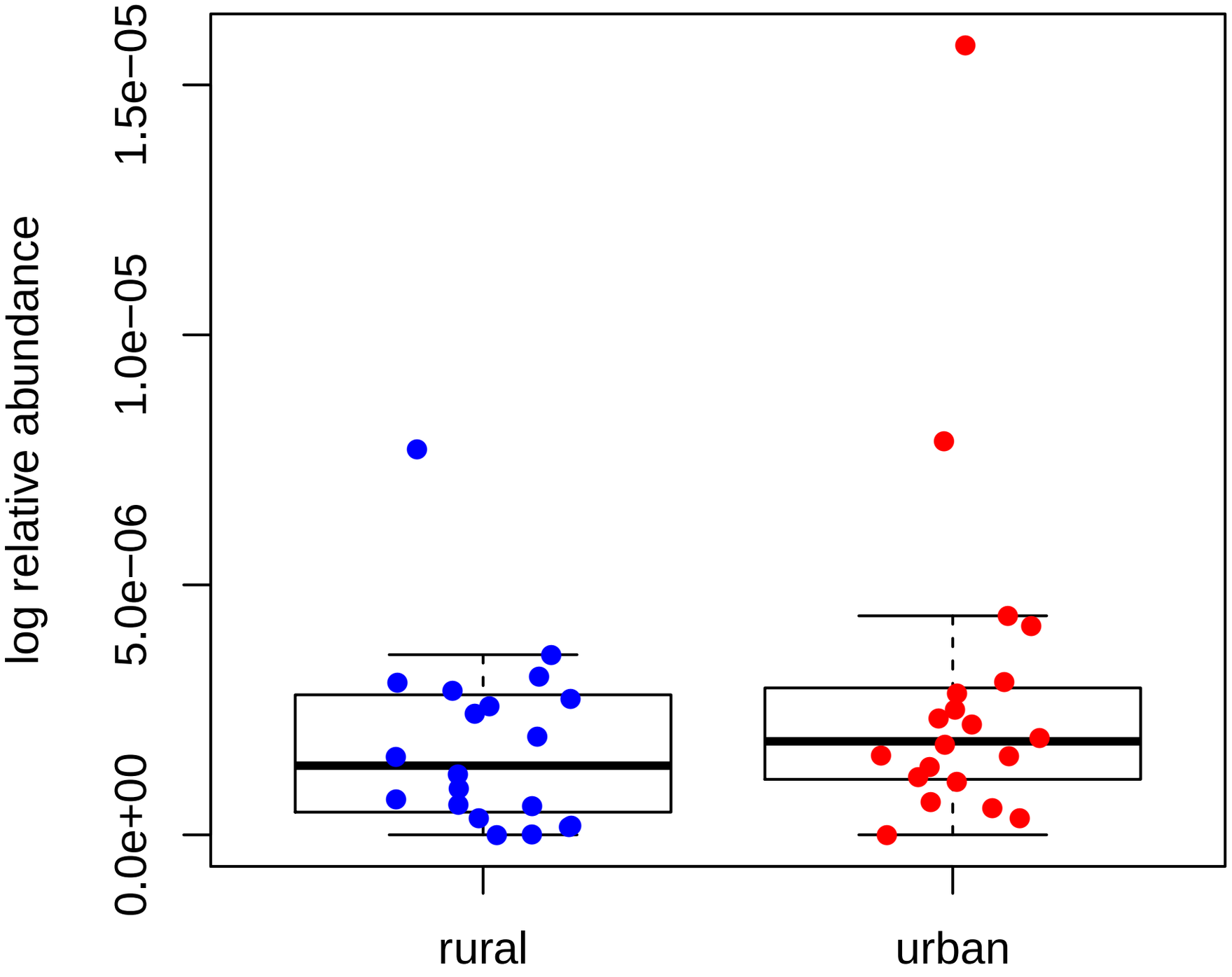

WGS pathway: ko00040
pAdjRuralUrban= 0.396
log relative abundance
0.011
0.013
0.015
rural
urban

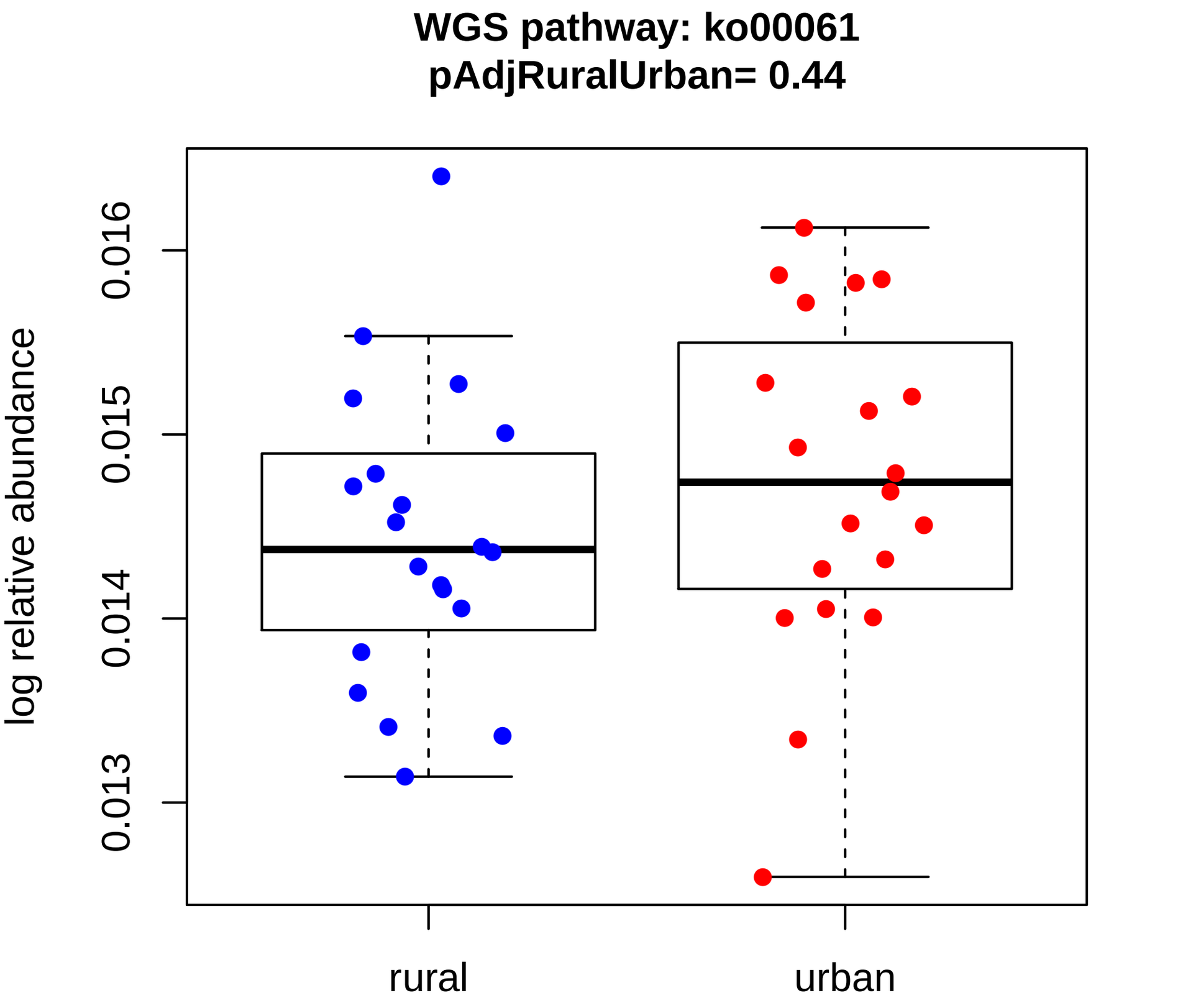

WGS pathway: ko04740
pAdjRuralUrban= 0.401
log relative abundance
4e−05
5e−05
6e−05
7e−05
8e−05
9e−05
rural
urban

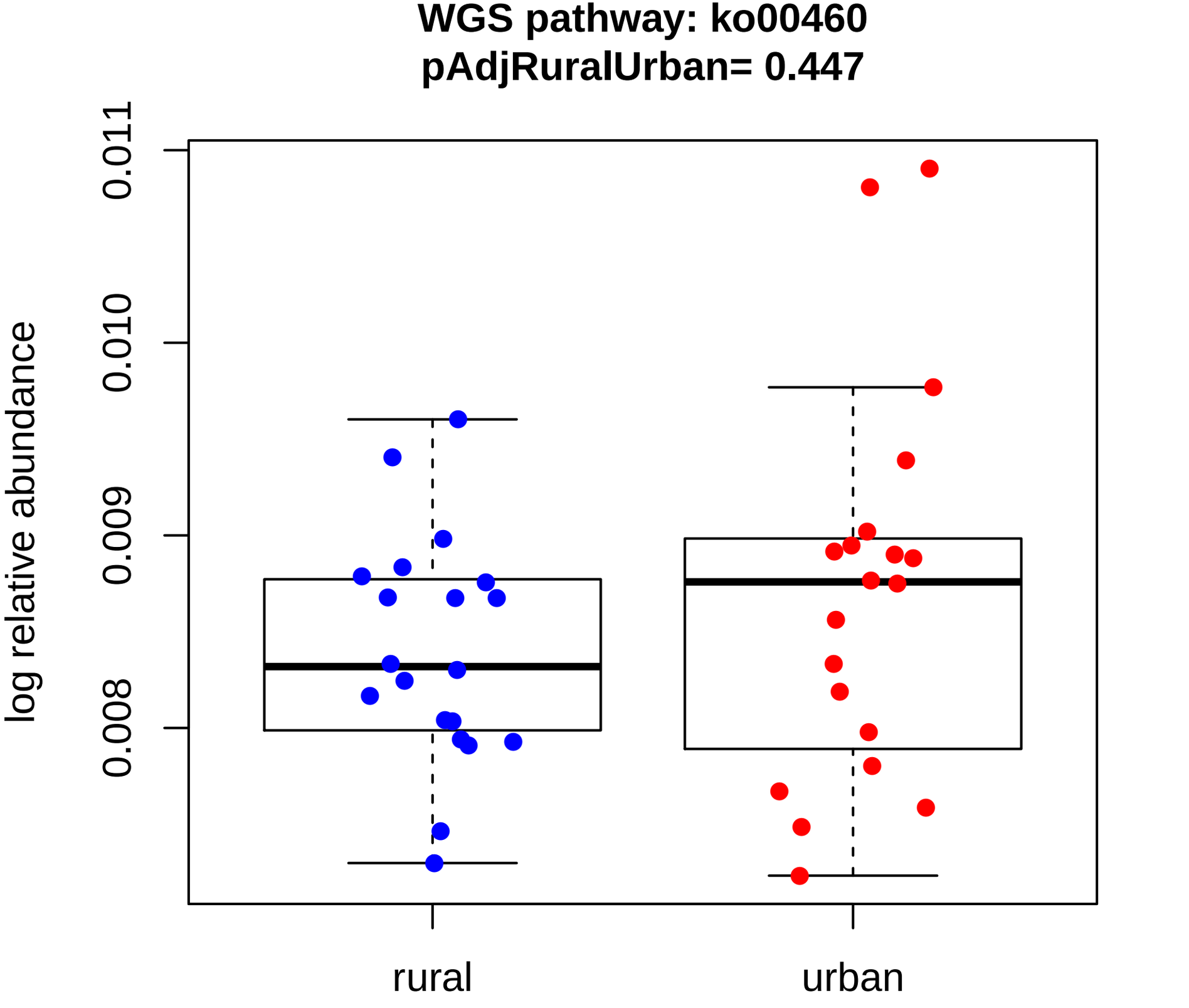

WGS pathway: ko05320
pAdjRuralUrban= 0.401
log relative abundance
2e−06
3e−06
4e−06
5e−06
6e−06
rural
urban

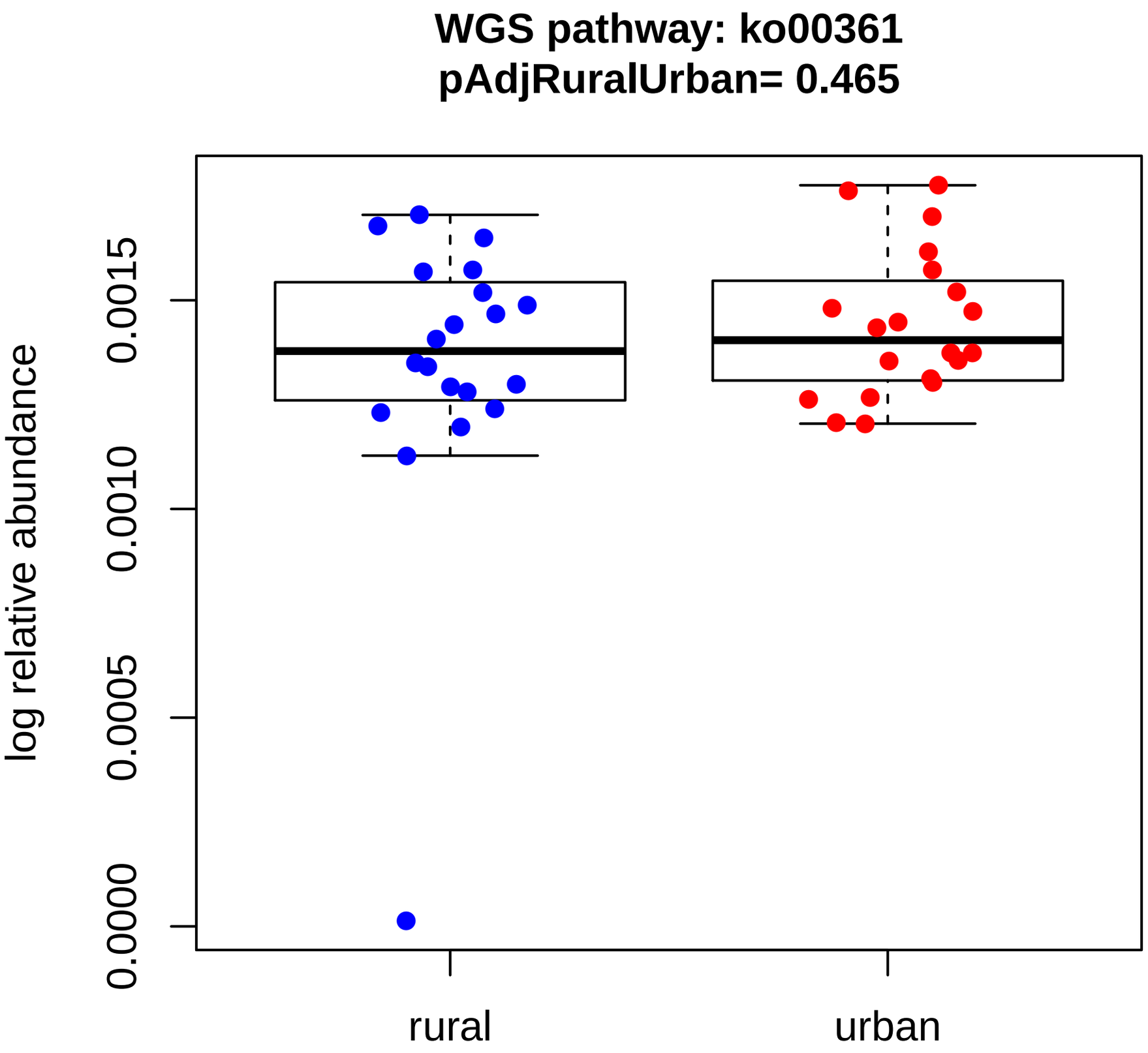

WGS pathway: ko04664
pAdjRuralUrban= 0.401
log relative abundance
5.0e−06
1.0e−05
1.5e−05
2.0e−05
rural
urban

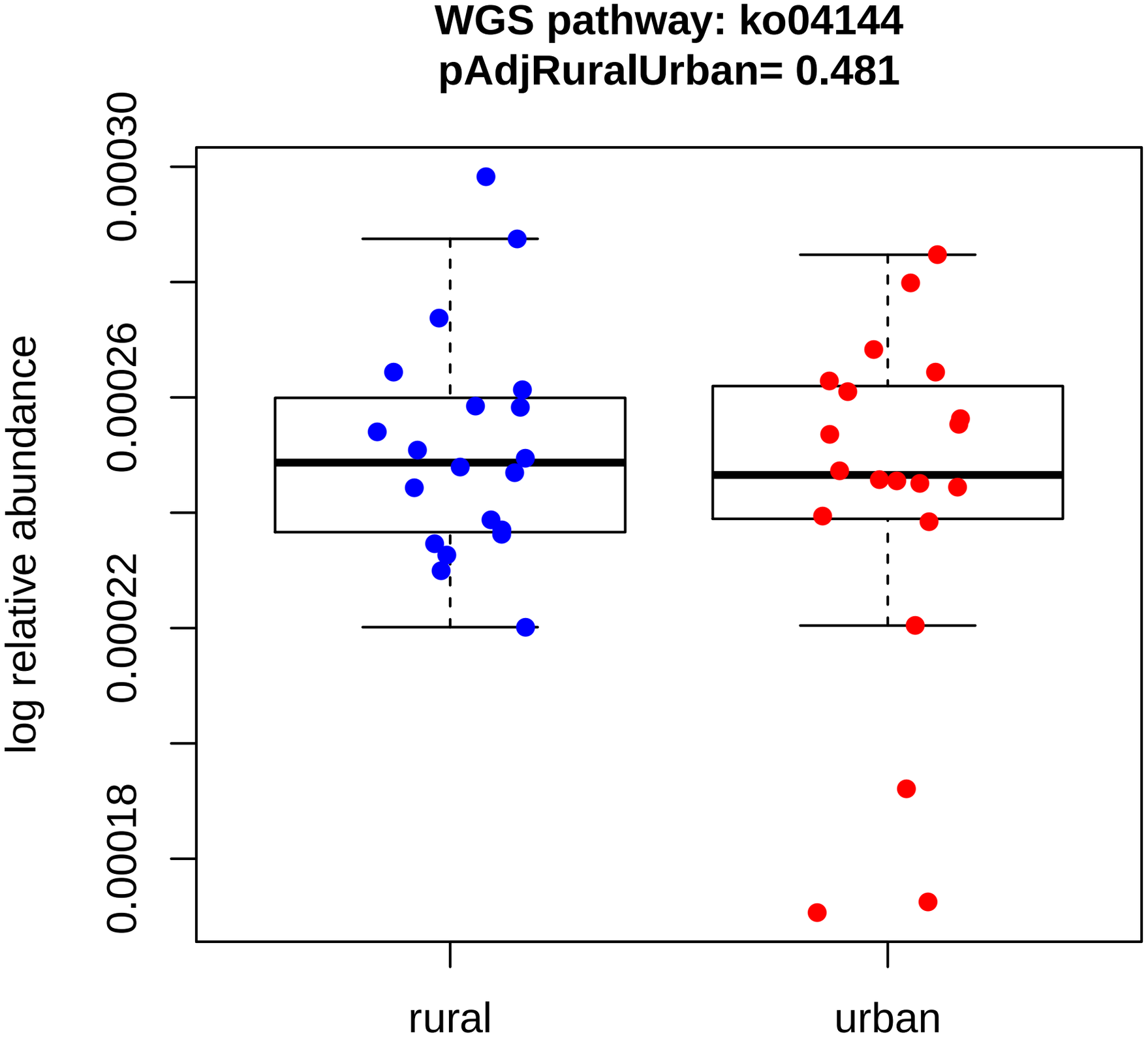

WGS pathway: ko05412
pAdjRuralUrban= 0.416
log relative abundance
1.2e−05
8.0e−06
4.0e−06
rural
urban

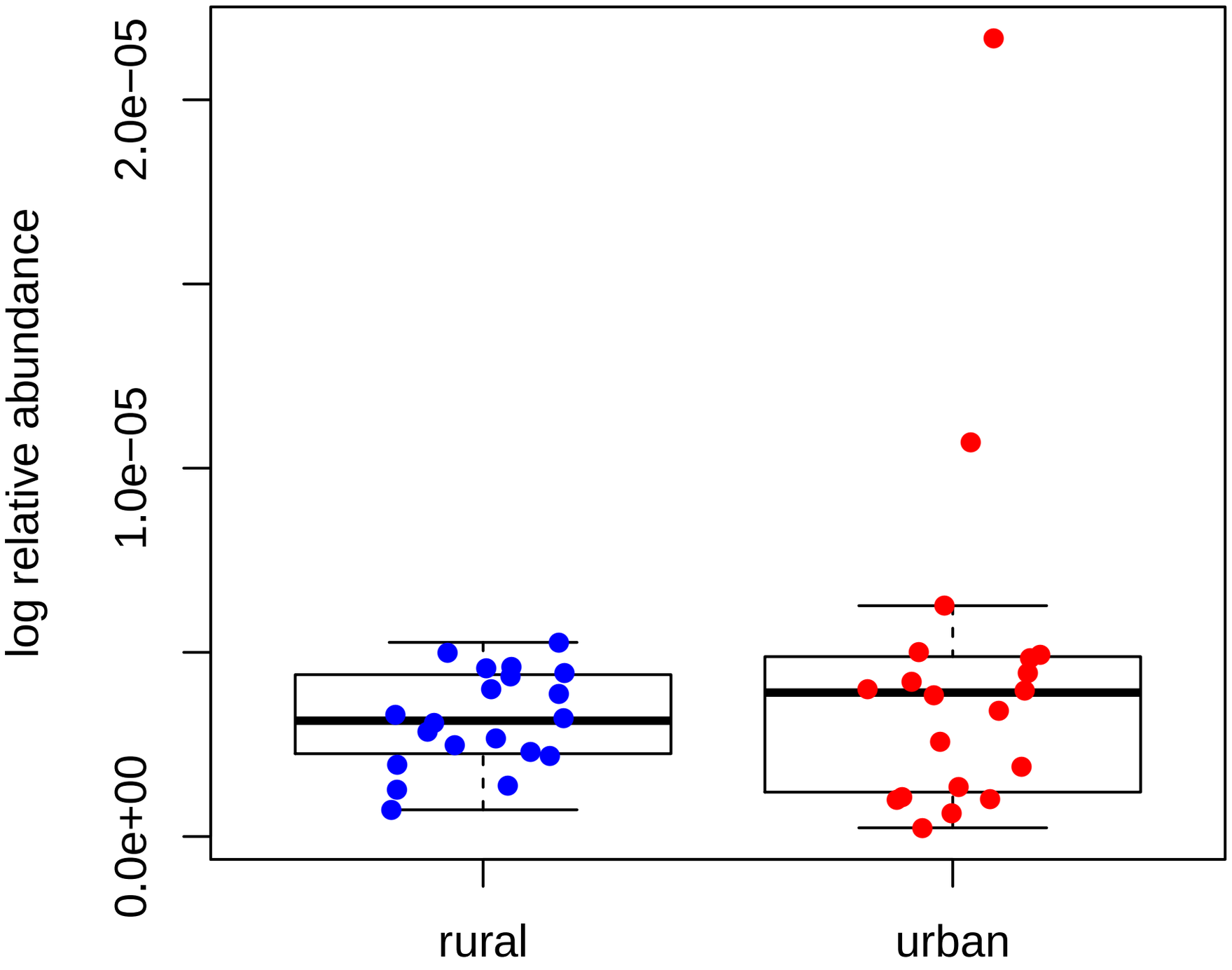

WGS pathway: ko00902
pAdjRuralUrban= 0.421
log relative abundance
0.0e+00
5.0e−06
1.0e−05
1.5e−05
rural
urban

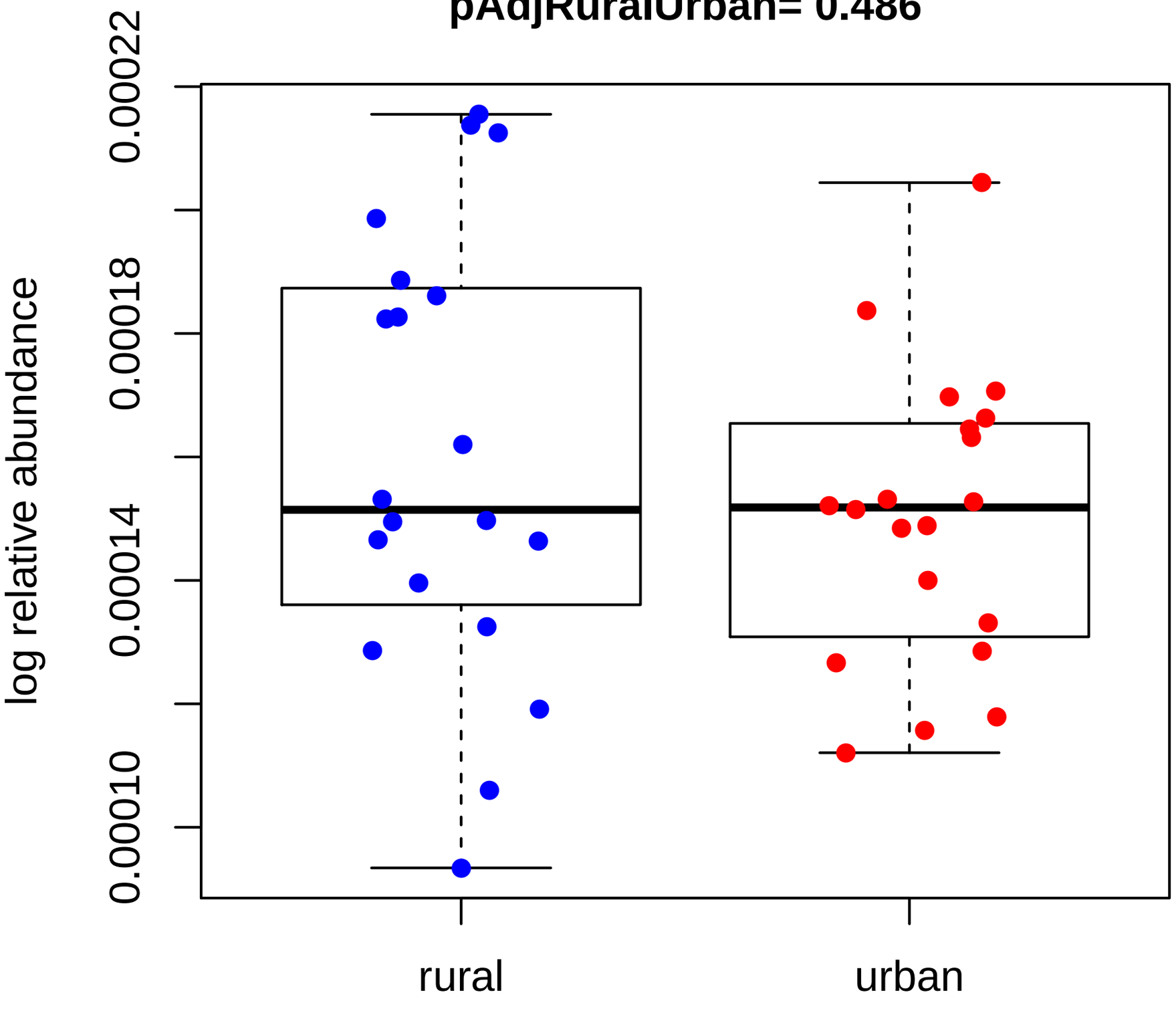

WGS pathway: ko00061
pAdjRuralUrban= 0.44
log relative abundance
0.013
0.014
0.015
0.016
rural
urban

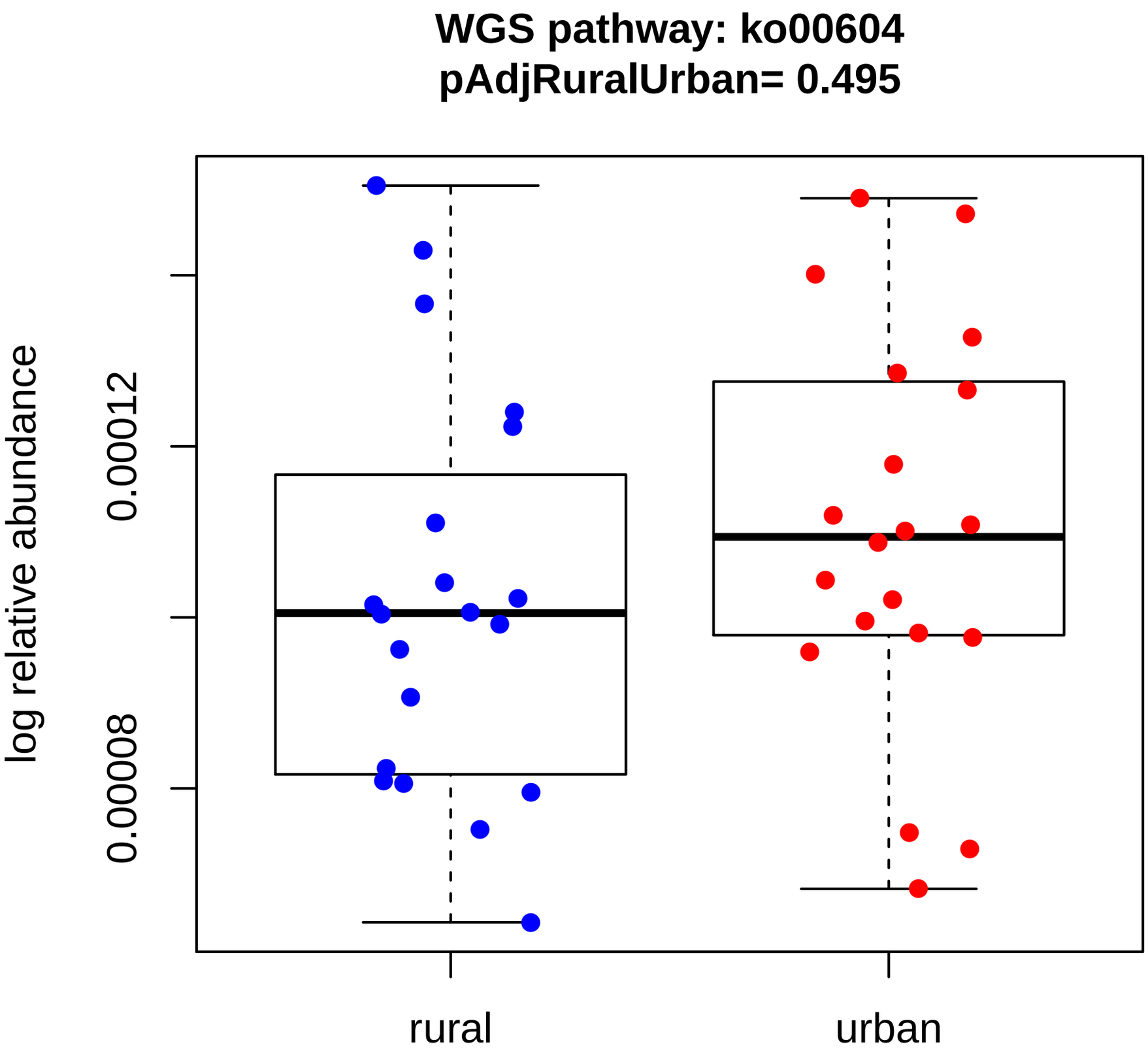

WGS pathway: ko00460
pAdjRuralUrban= 0.447
log relative abundance
0.008
0.009
0.010
0.011
rural
urban

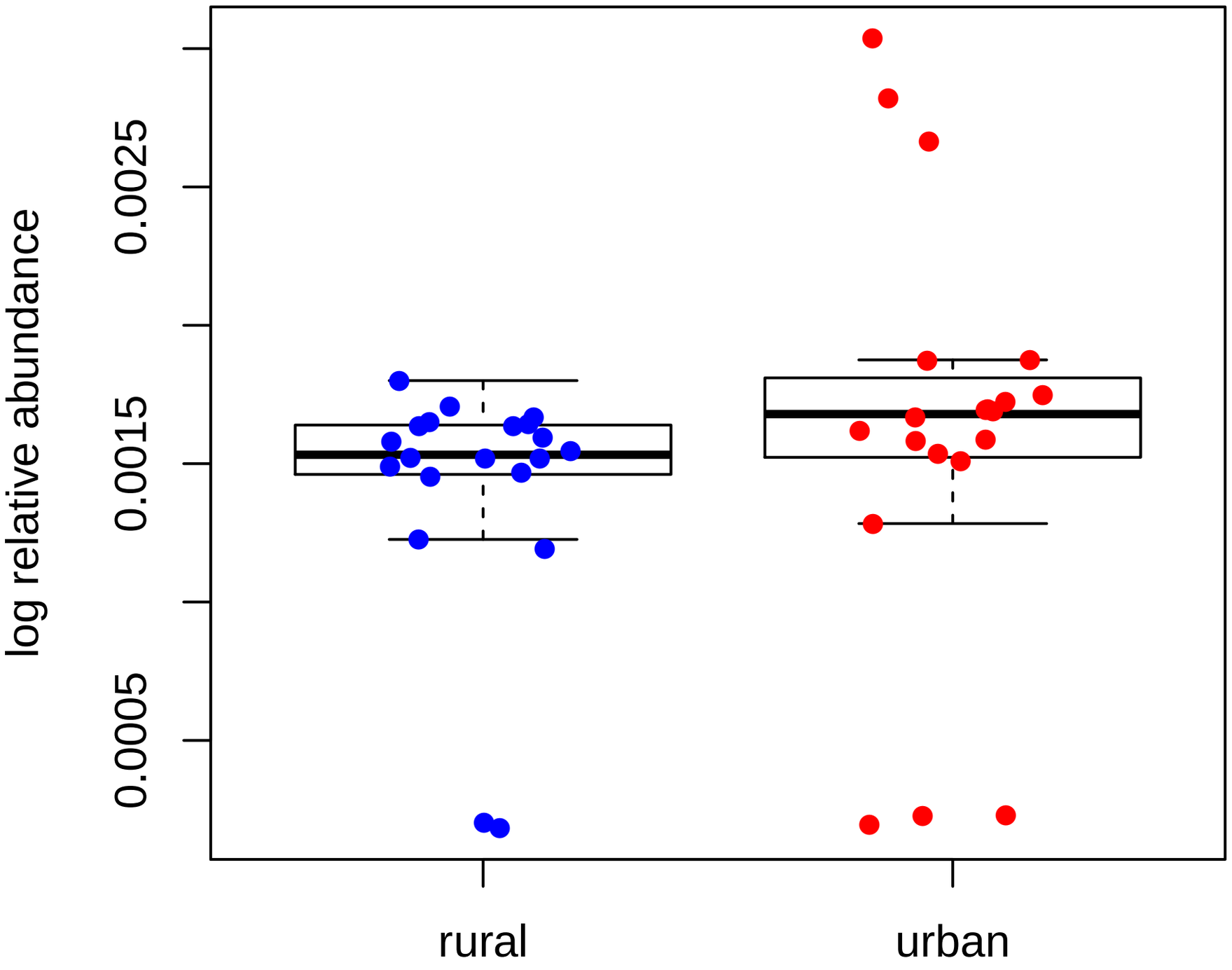

WGS pathway: ko00361
pAdjRuralUrban= 0.465
log relative abundance
0.0000
0.0005
0.0010
0.0015
rural
urban

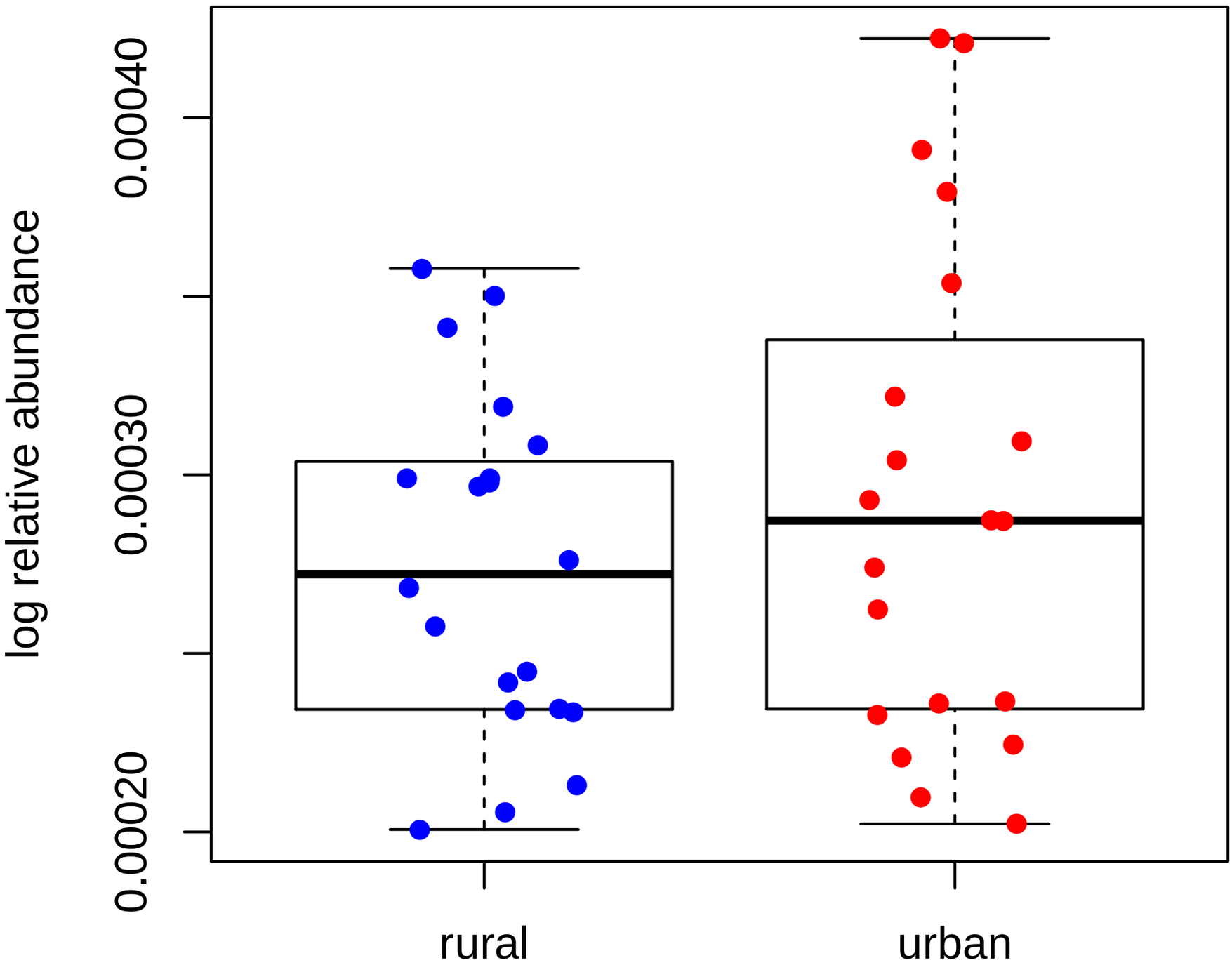

WGS pathway: ko04144
pAdjRuralUrban= 0.481
log relative abundance
0.00030
0.00026
0.00022
0.00018
rural
urban

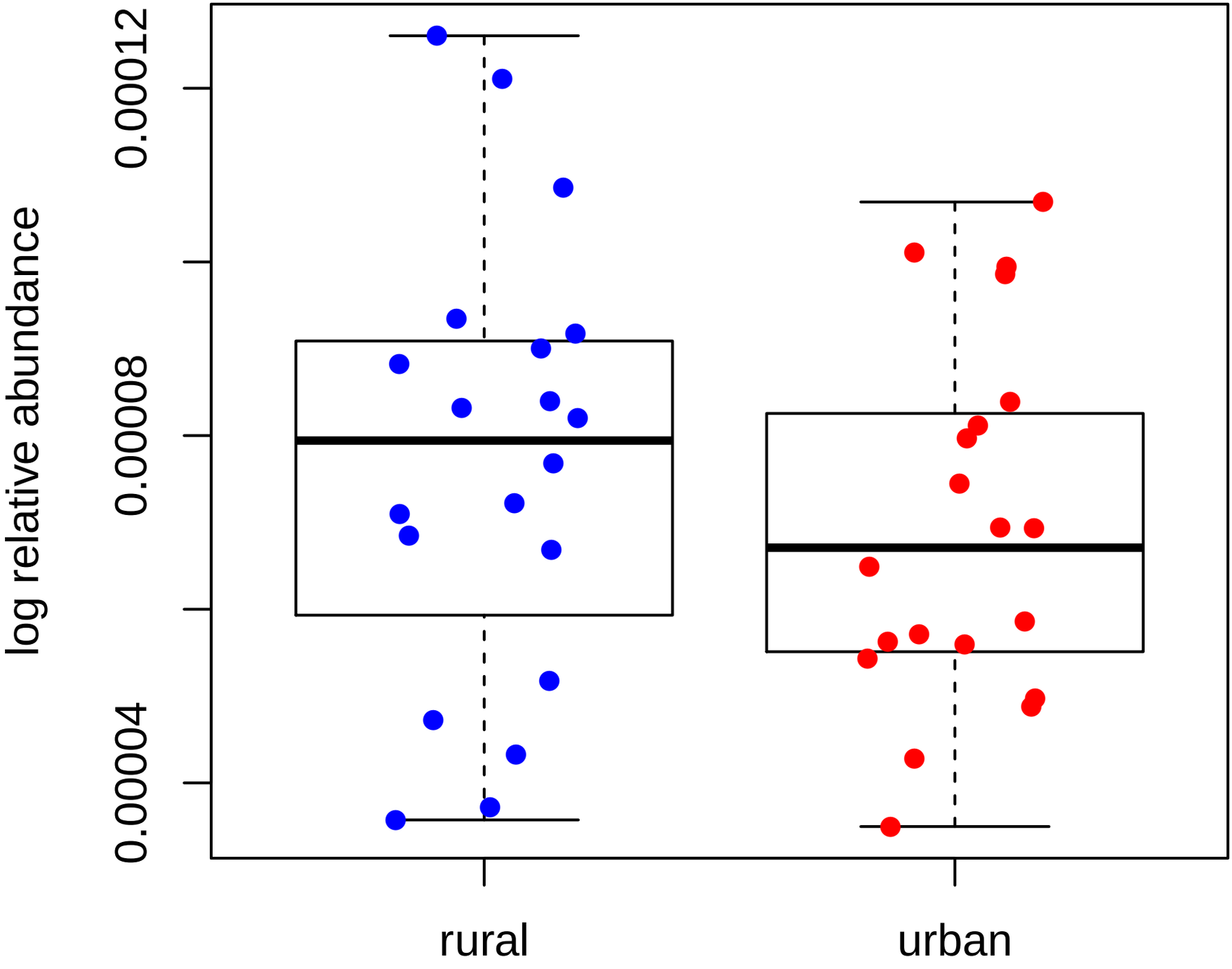

WGS pathway: ko04730
pAdjRuralUrban= 0.481
log relative abundance
0.0e+00
1.0e−05
2.0e−05
rural
urban

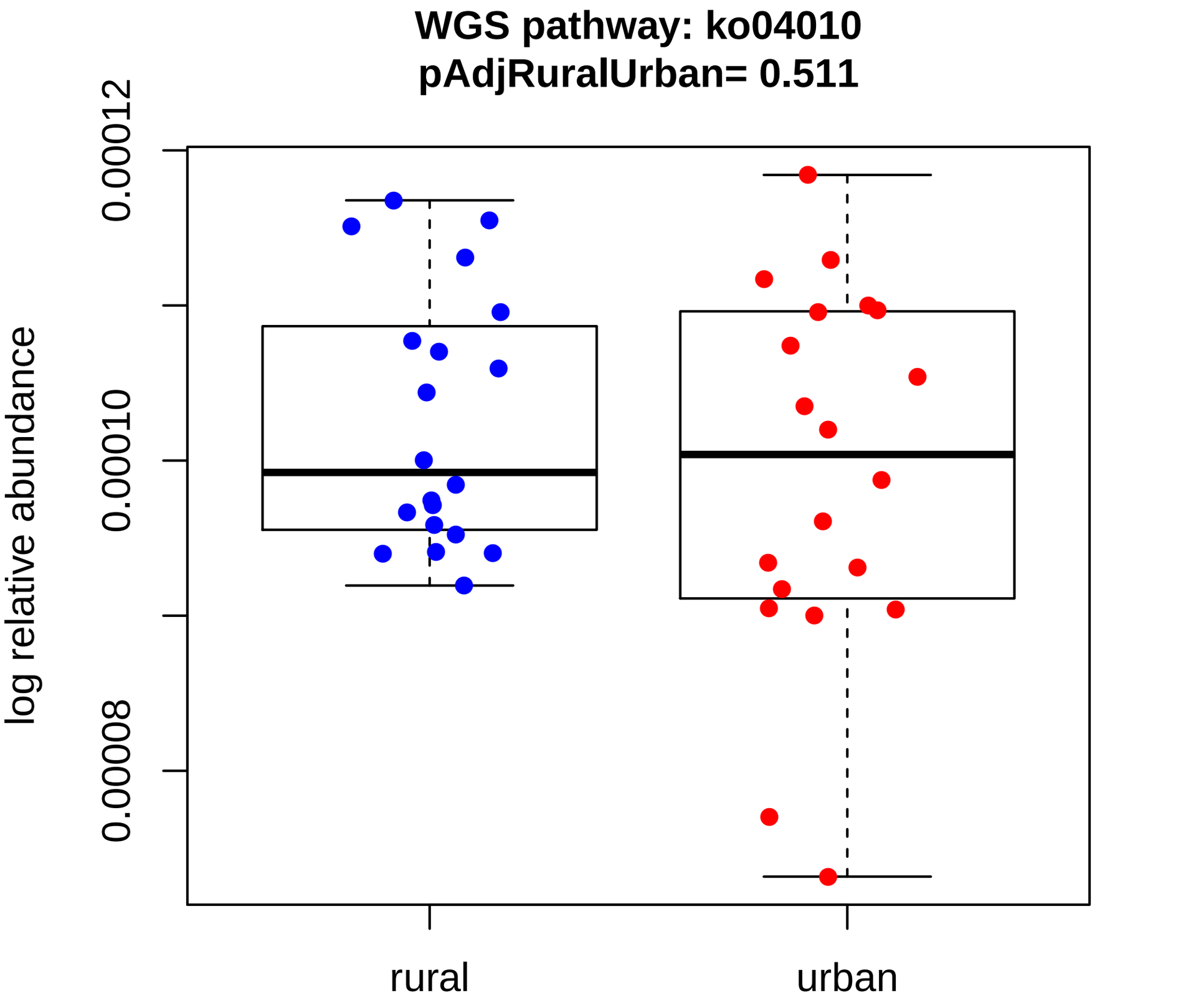

WGS pathway: ko00196
pAdjRuralUrban= 0.486
log relative abundance
0.00010
0.00014
0.00018
0.00022
rural
urban

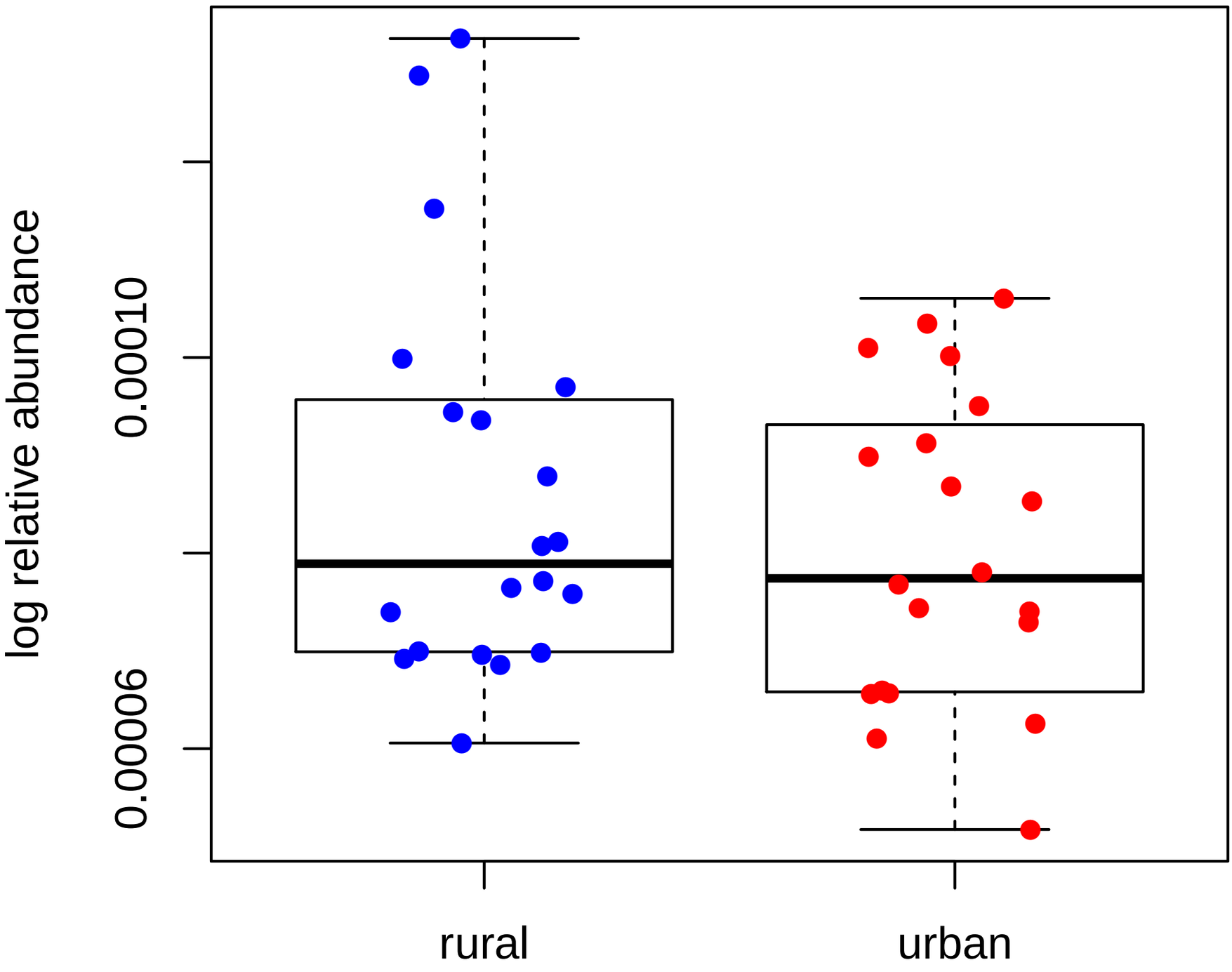

WGS pathway: ko00604
pAdjRuralUrban= 0.495
log relative abundance
0.00008
0.00012
rural
urban

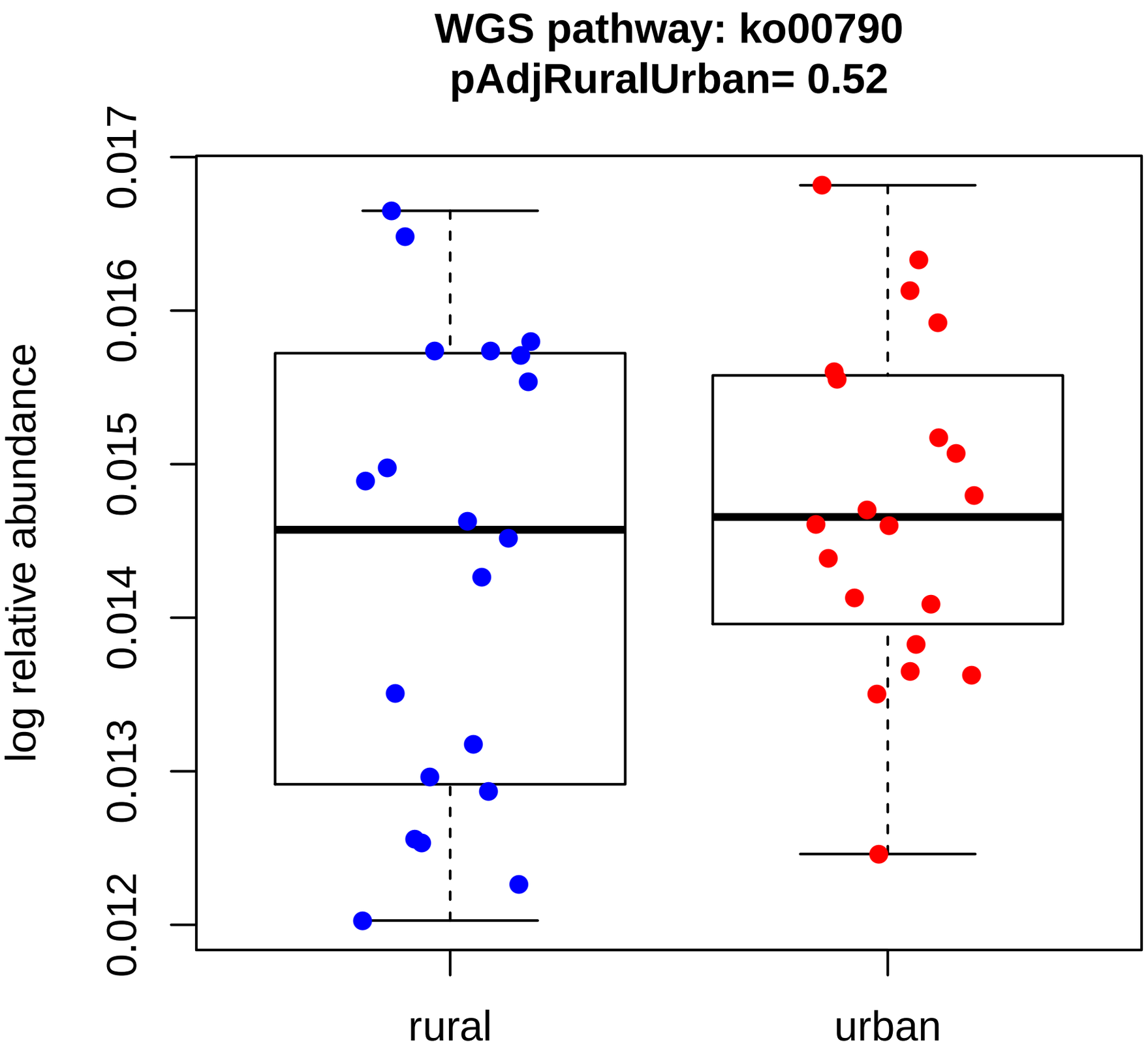

WGS pathway: ko00930
pAdjRuralUrban= 0.495
log relative abundance
0.0005
0.0015
0.0025
rural
urban

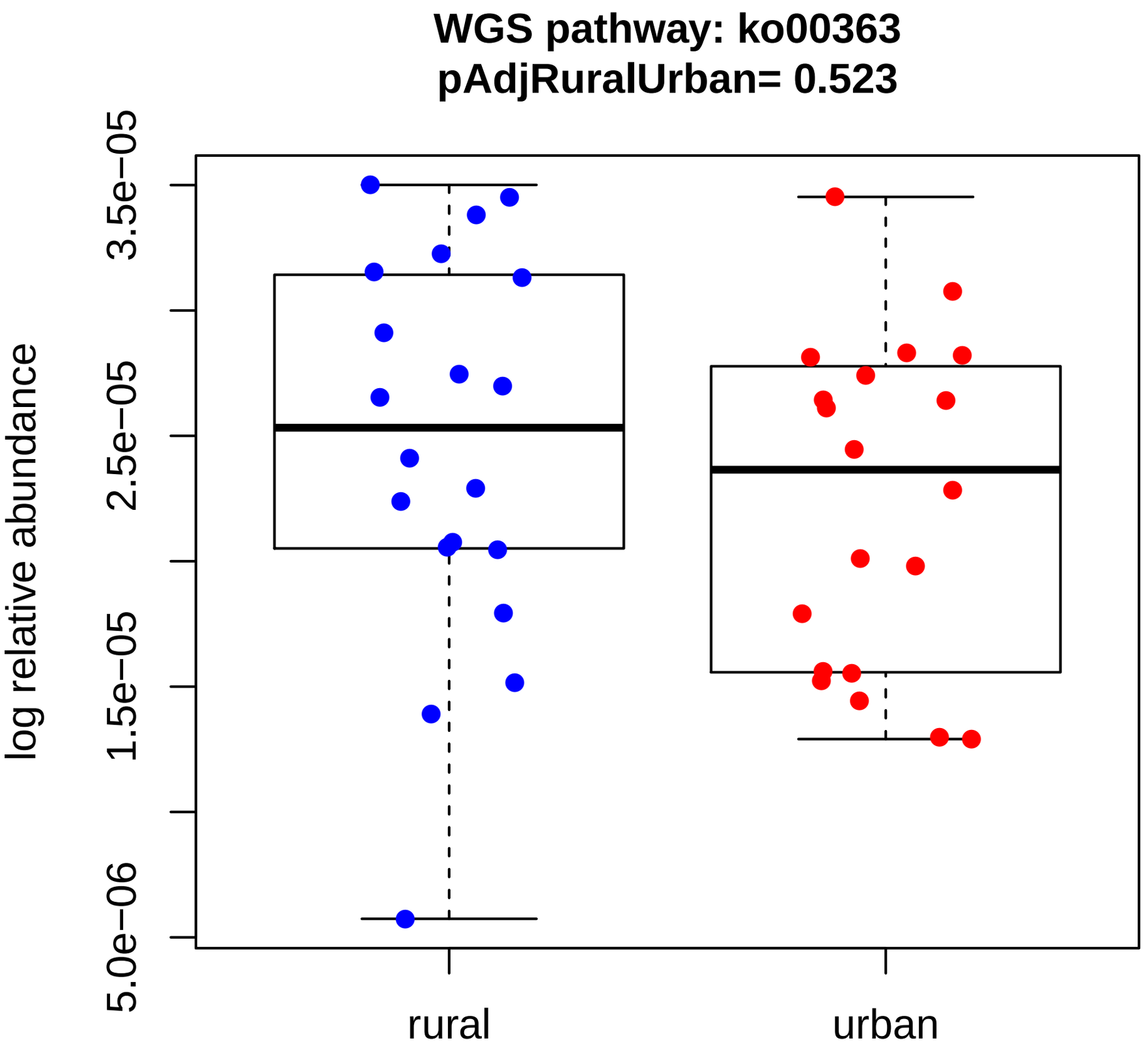

WGS pathway: ko05100
pAdjRuralUrban= 0.495
log relative abundance
0.00040
0.00030
0.00020
rural
urban

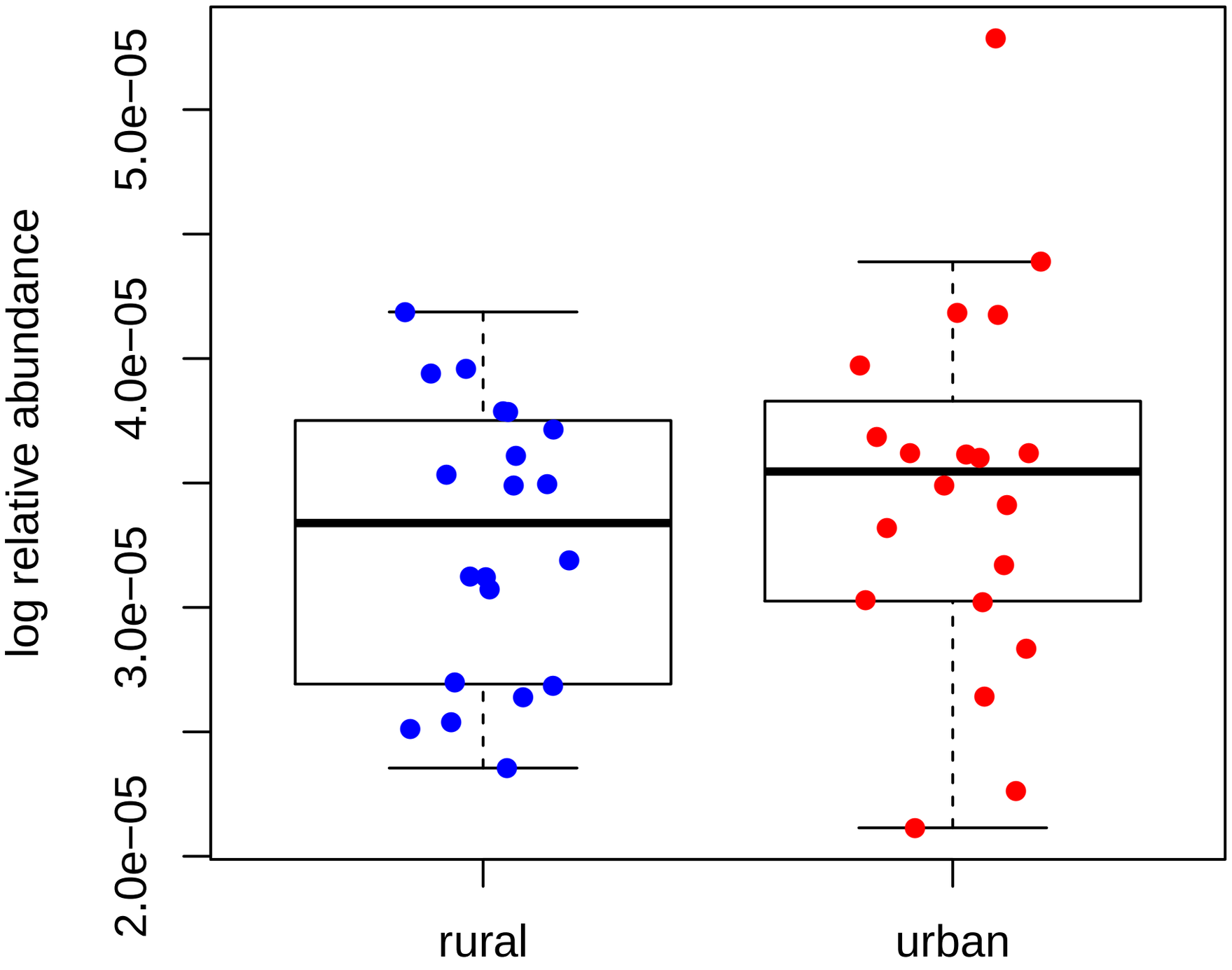

WGS pathway: ko04744
pAdjRuralUrban= 0.495
log relative abundance
0.00012
0.00008
0.00004
rural
urban

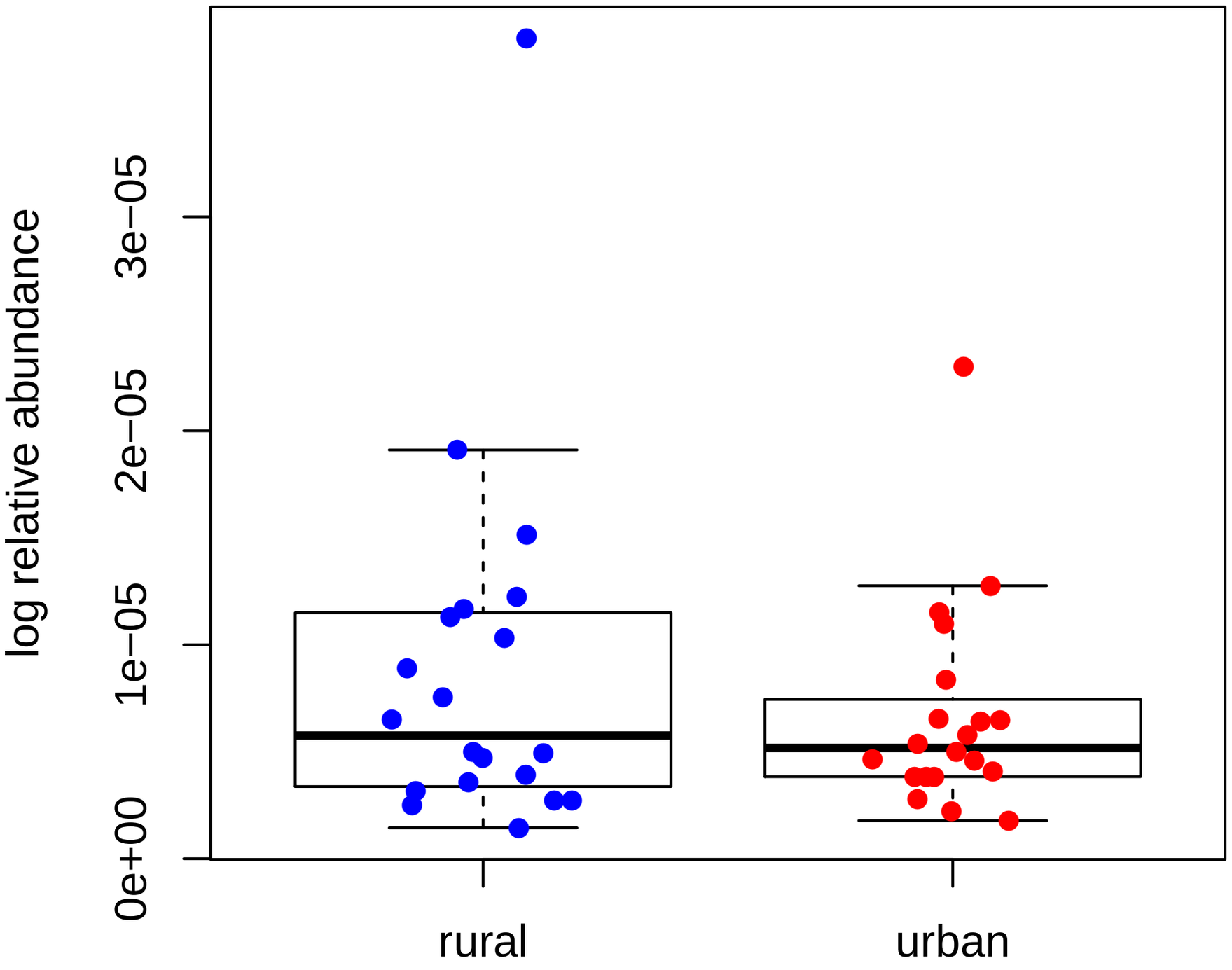

WGS pathway: ko04010
pAdjRuralUrban= 0.511
log relative abundance
0.00012
0.00010
0.00008
rural
urban

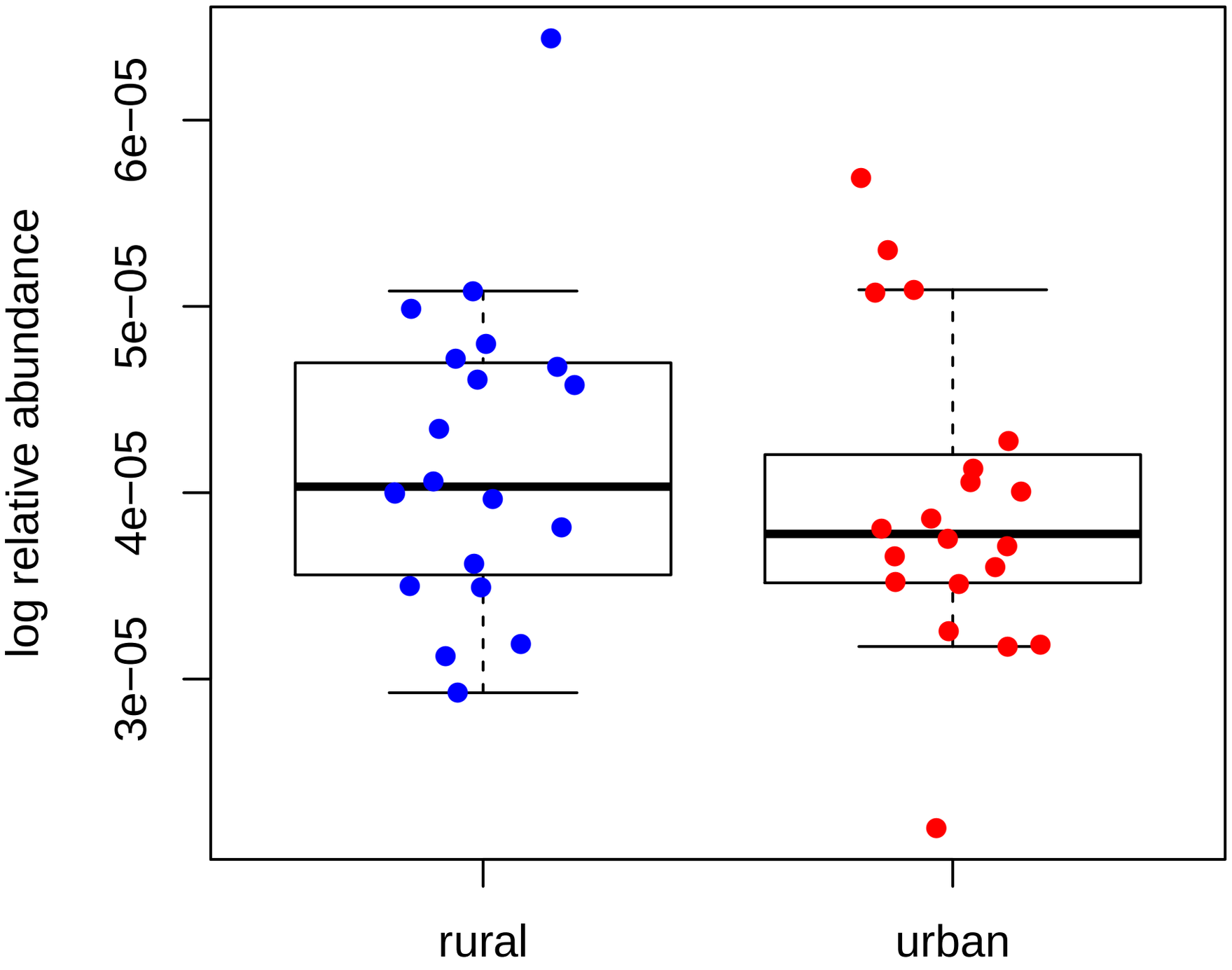

WGS pathway: ko04350
pAdjRuralUrban= 0.513
log relative abundance
0.00006
0.00010
rural
urban

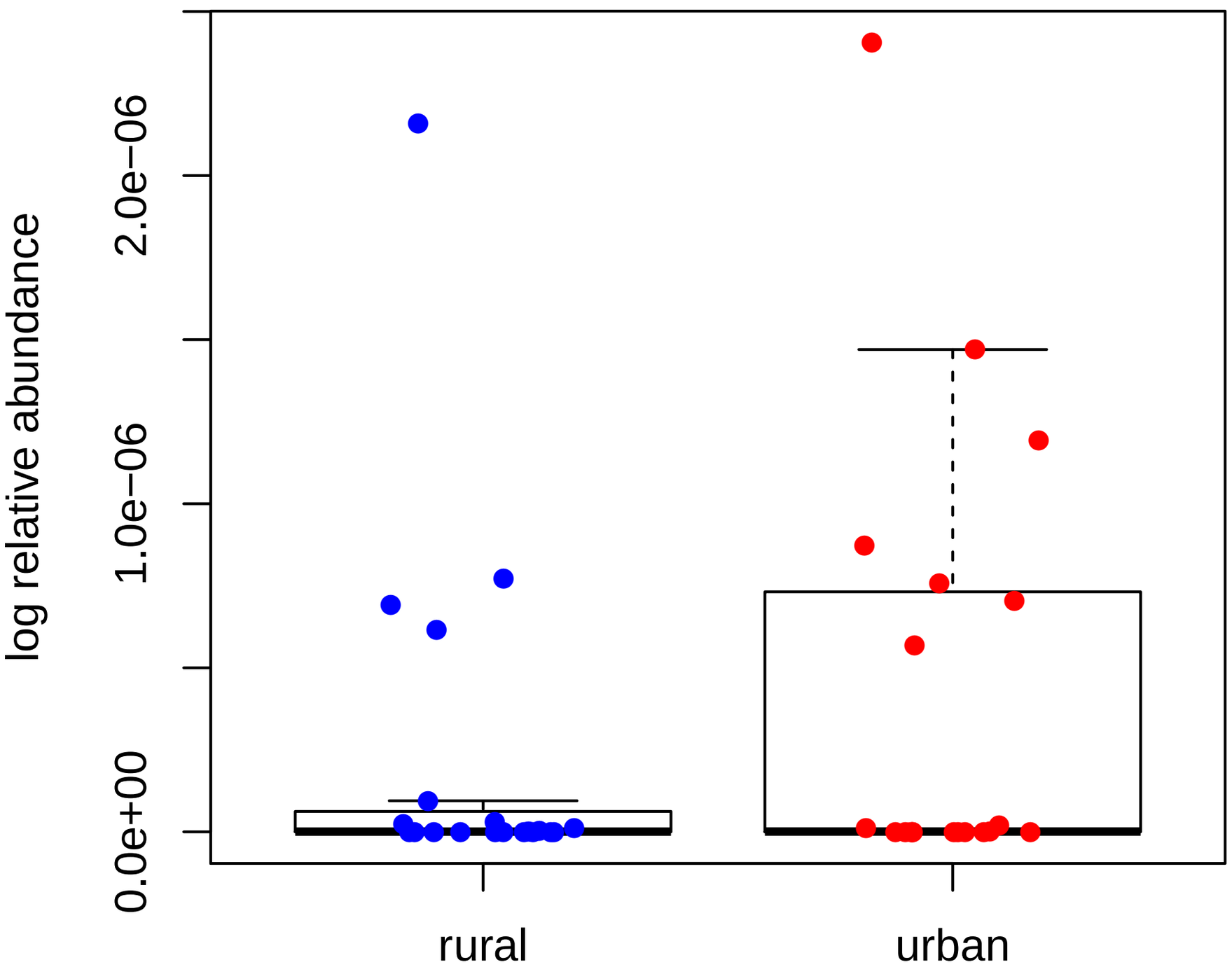

WGS pathway: ko00790
pAdjRuralUrban= 0.52
log relative abundance
0.012
0.013
0.014
0.015
0.016
0.017
rural
urban

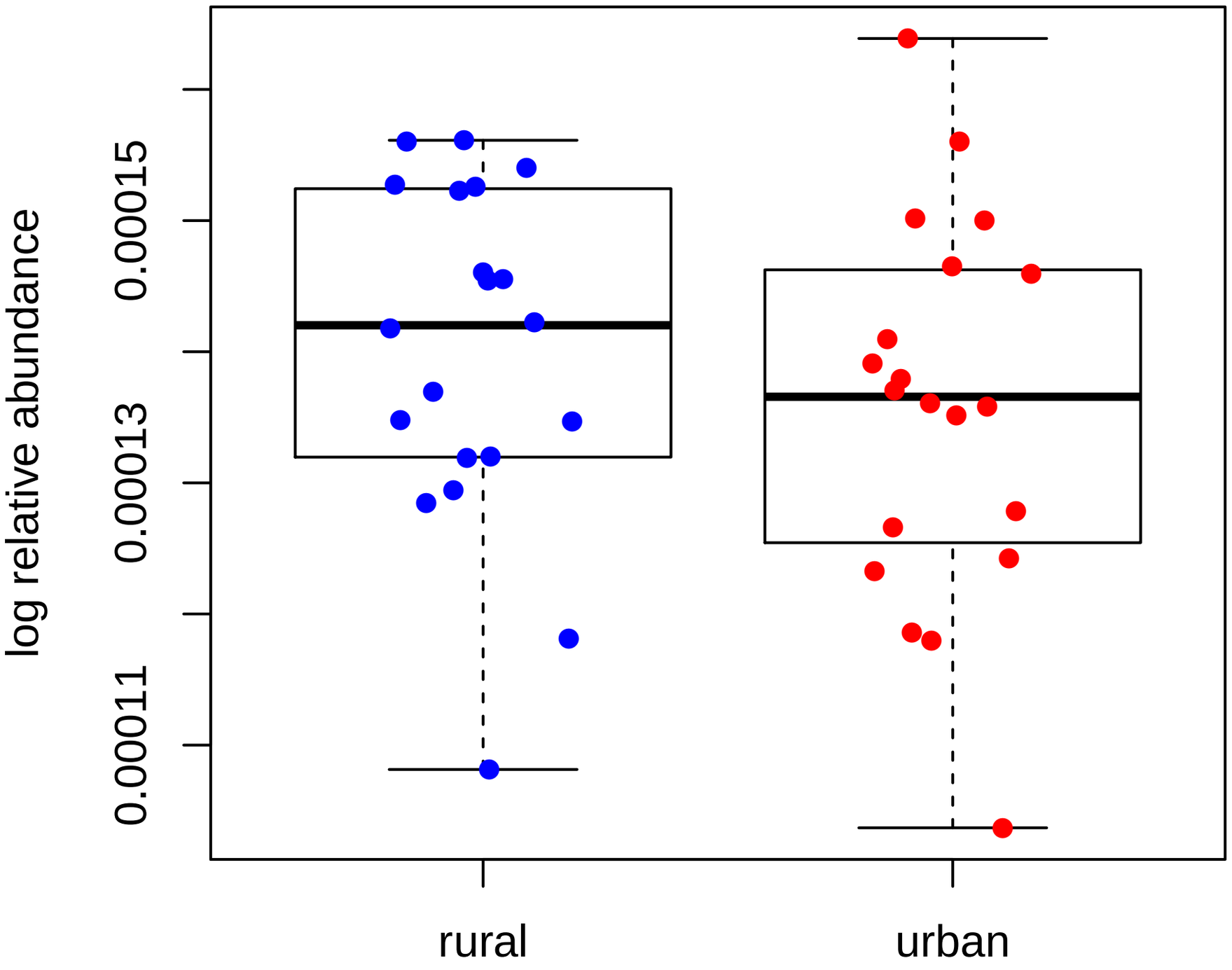

WGS pathway: ko00363
pAdjRuralUrban= 0.523
log relative abundance
5.0e−06
1.5e−05
2.5e−05
3.5e−05
rural
urban

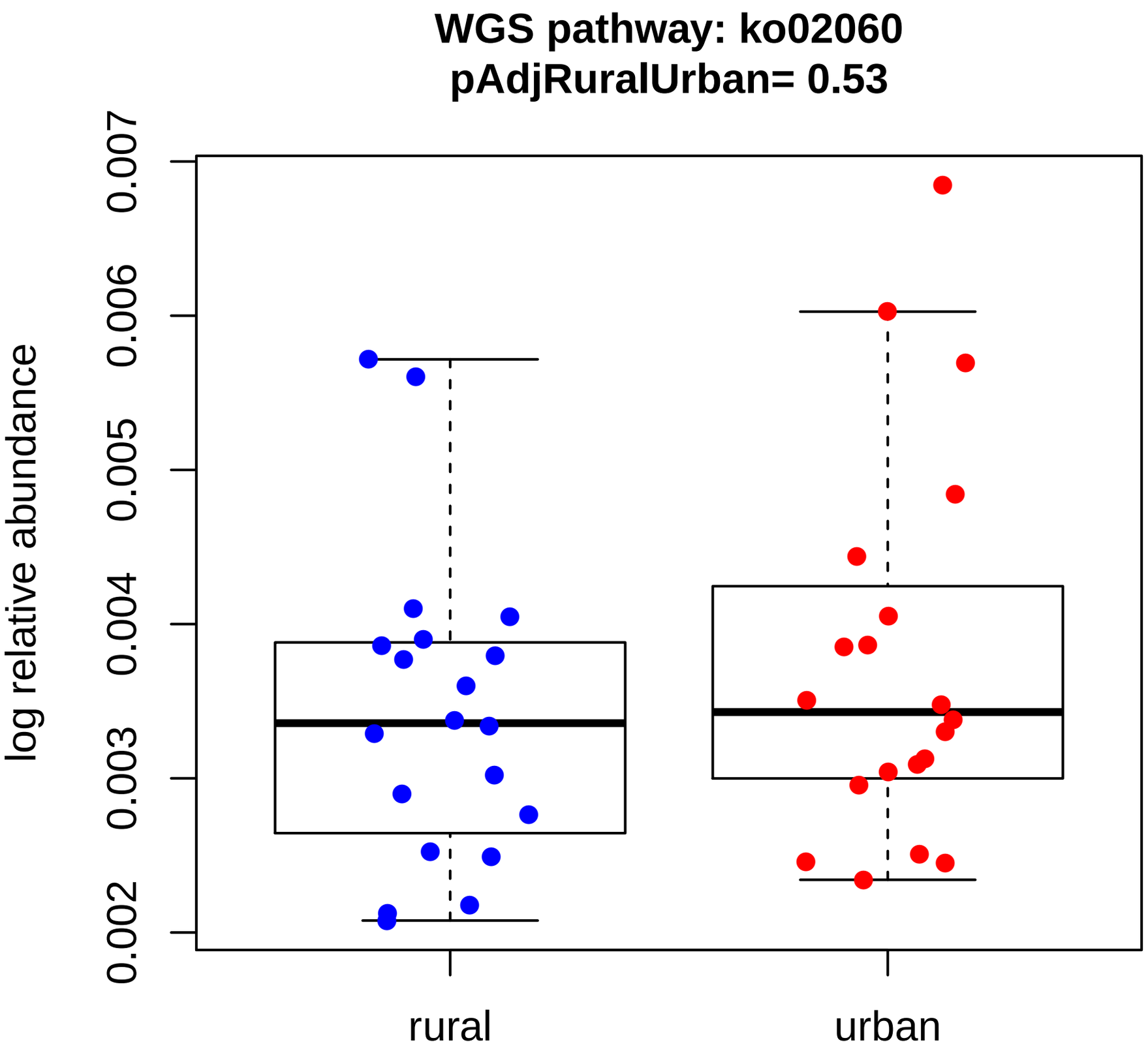

WGS pathway: ko05012
pAdjRuralUrban= 0.523
log relative abundance
2.0e−05
3.0e−05
4.0e−05
5.0e−05
rural
urban

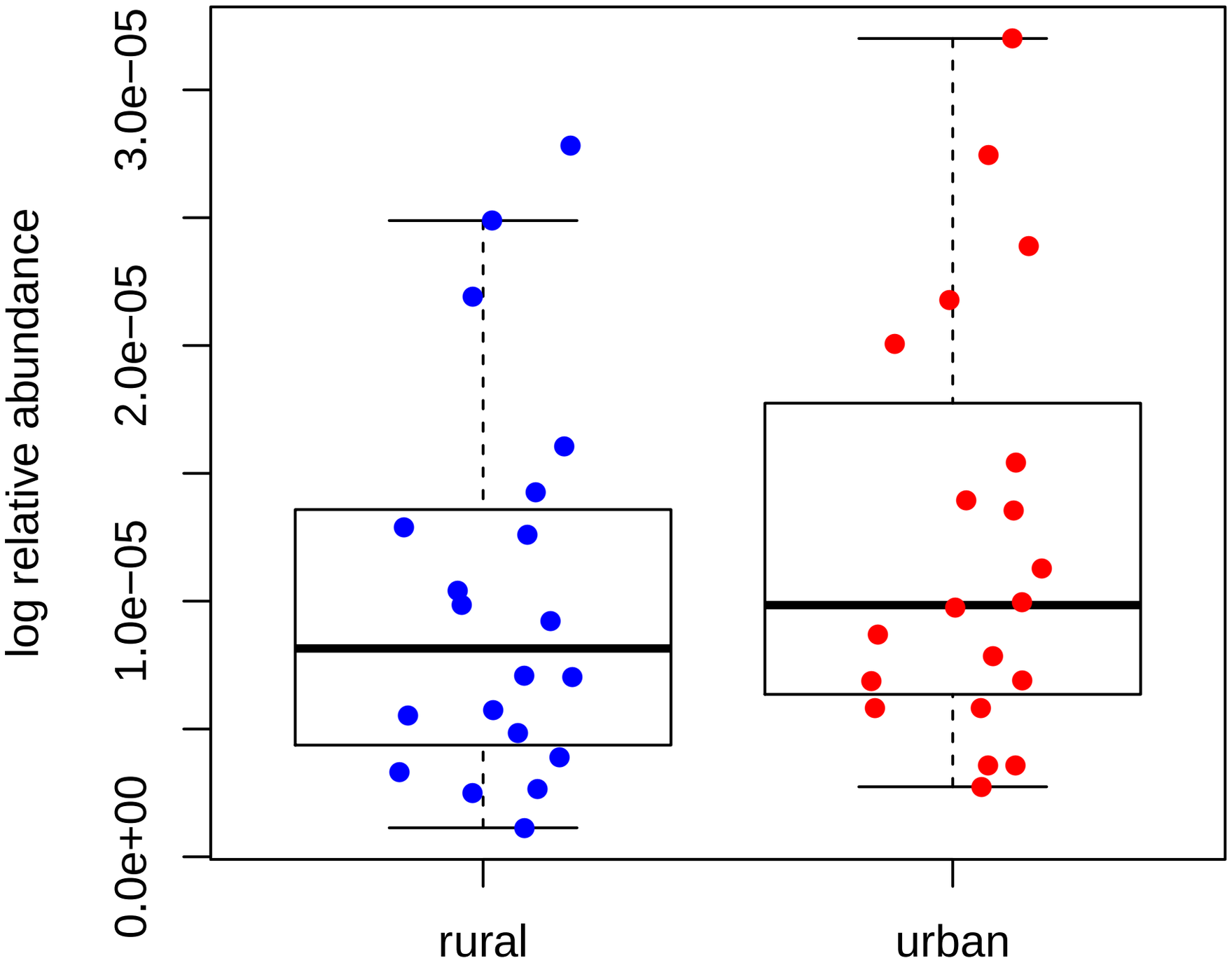

WGS pathway: ko00909
pAdjRuralUrban= 0.523
log relative abundance
0e+00
1e−05
2e−05
3e−05
rural
urban

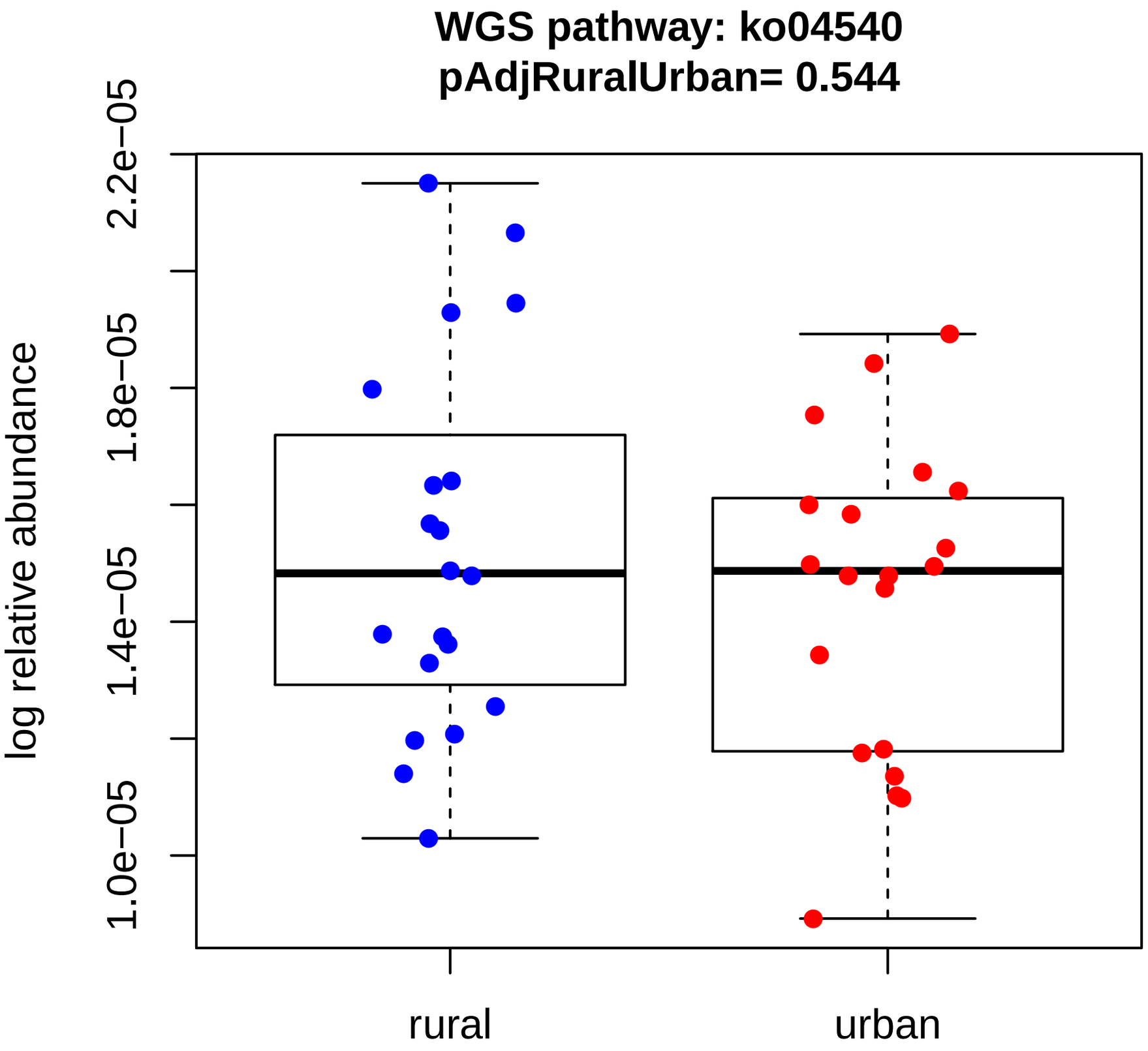

WGS pathway: ko04620
pAdjRuralUrban= 0.523
log relative abundance
3e−05
4e−05
5e−05
6e−05
rural
urban

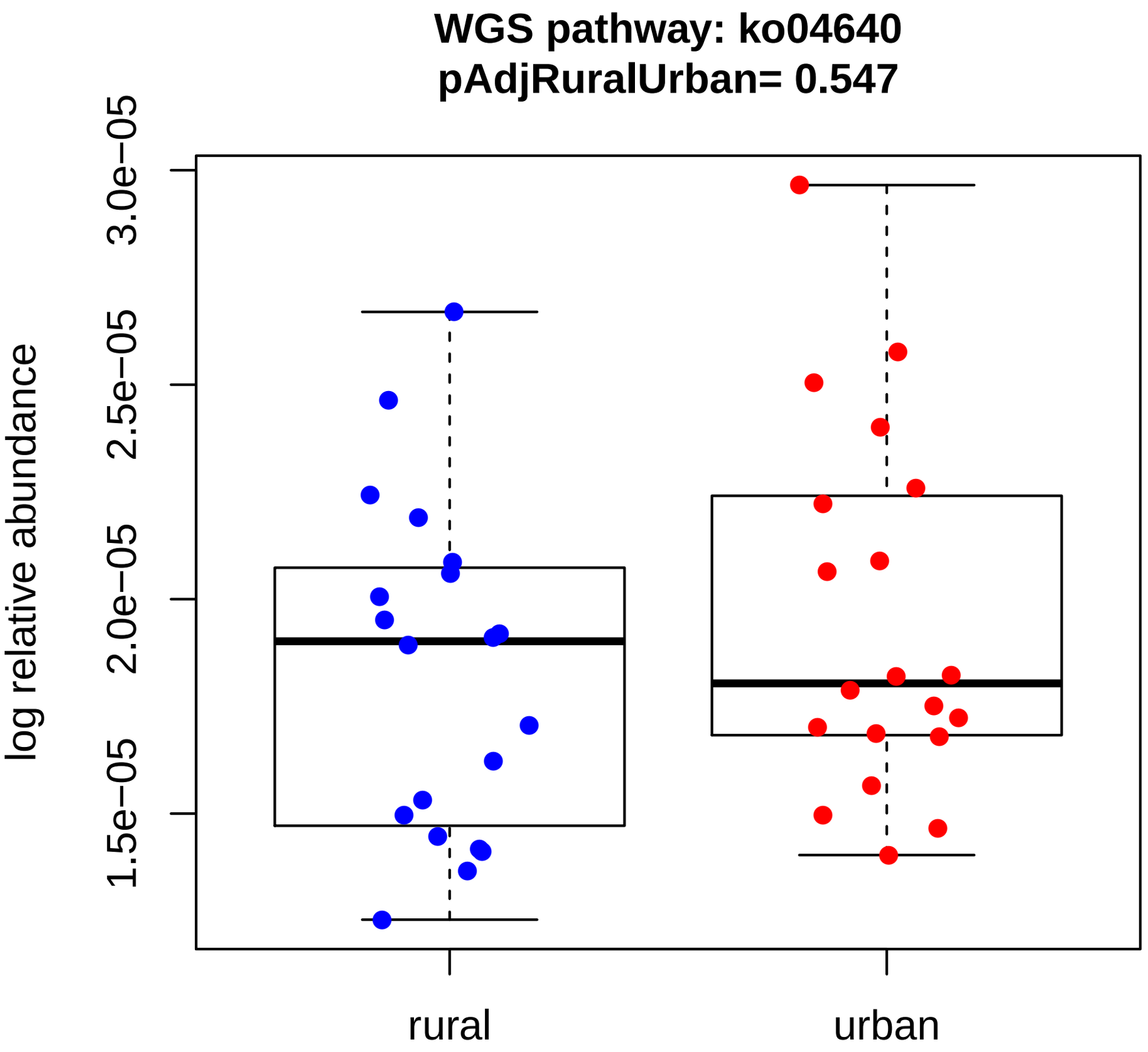

WGS pathway: ko04720
pAdjRuralUrban= 0.527
log relative abundance
0.0e+00
1.0e−06
2.0e−06
rural
urban

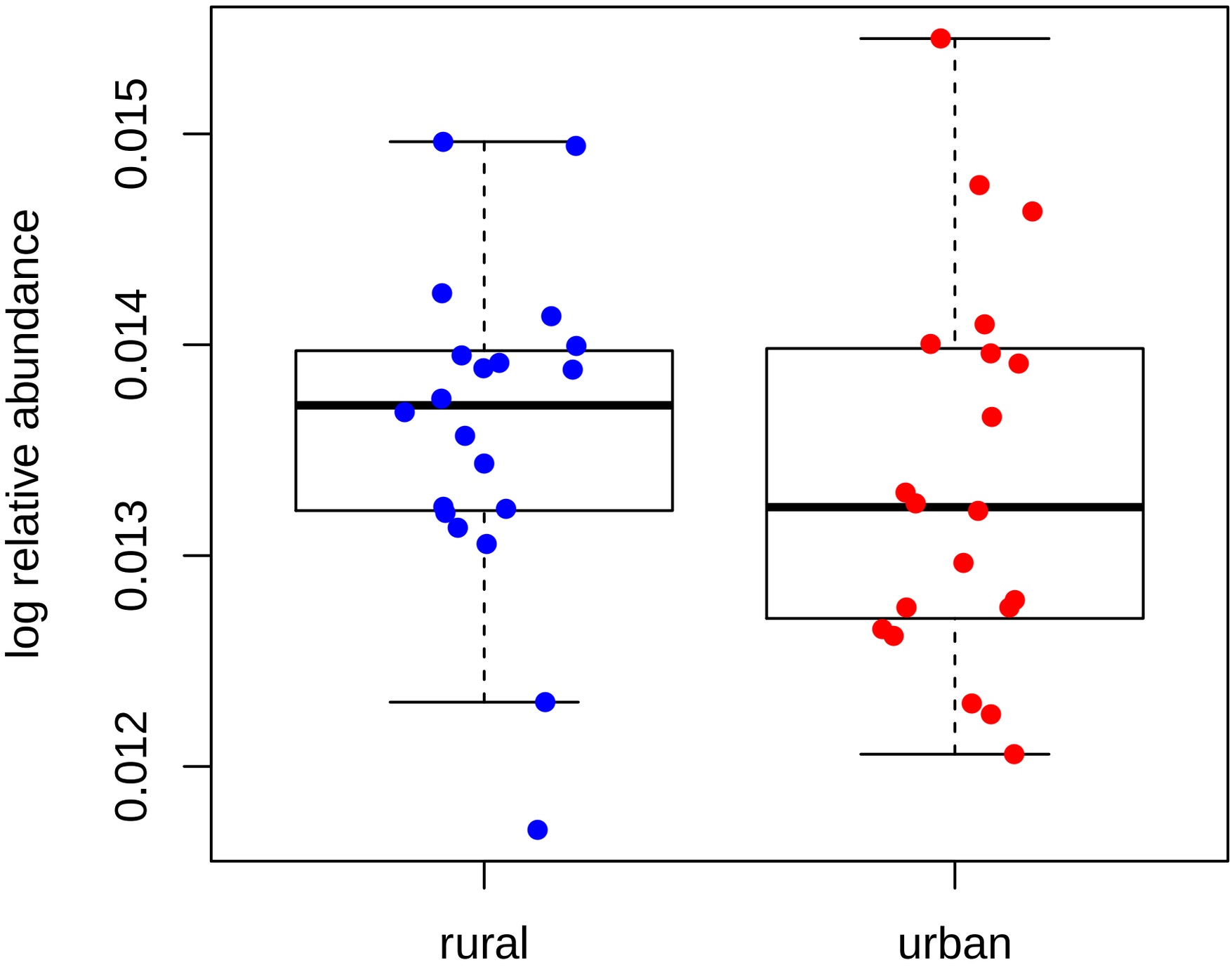

WGS pathway: ko04080
pAdjRuralUrban= 0.53
log relative abundance
0.00011
0.00013
0.00015
rural
urban

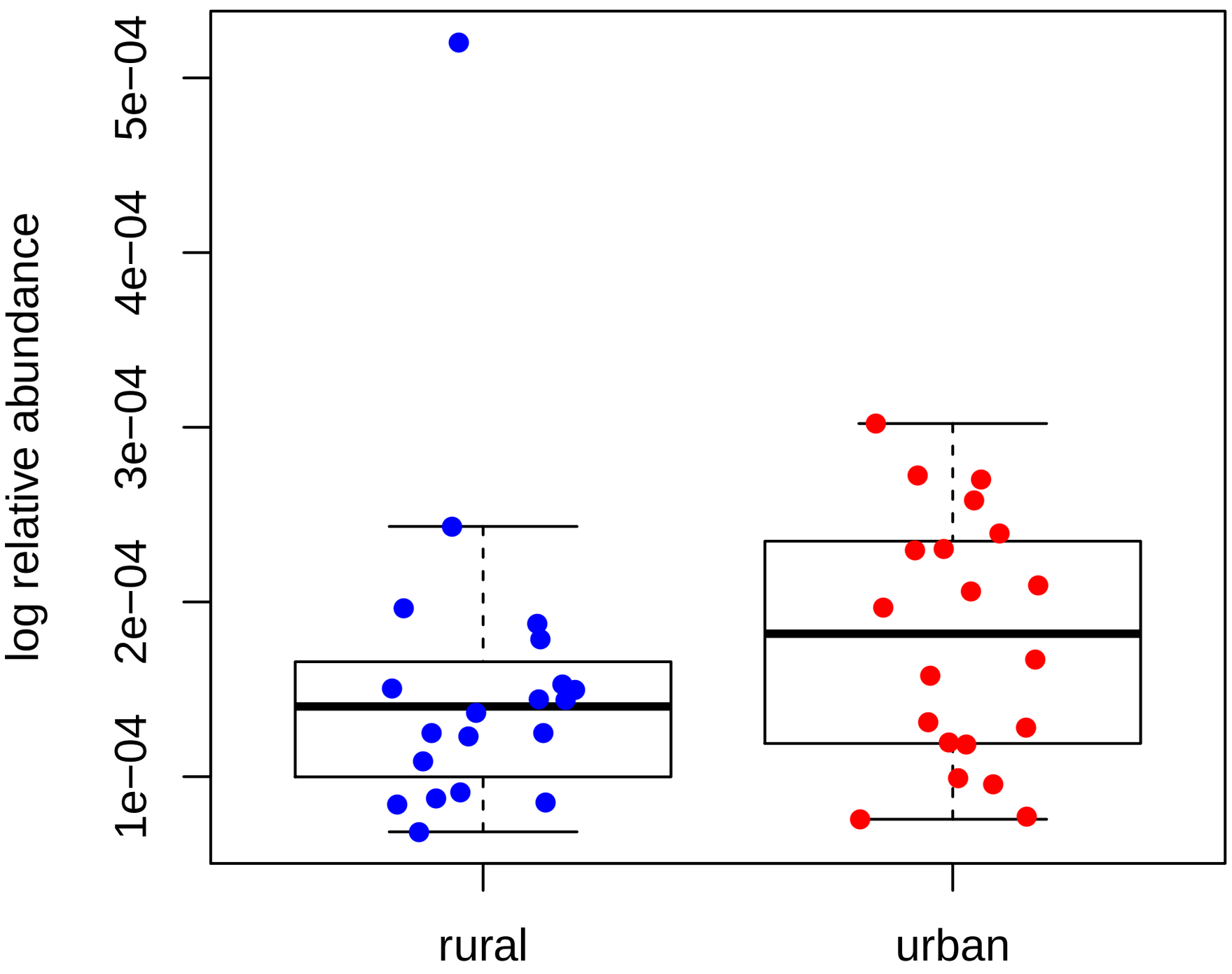

WGS pathway: ko02060
pAdjRuralUrban= 0.53
log relative abundance
0.002
0.003
0.004
0.005
0.006
0.007
rural
urban

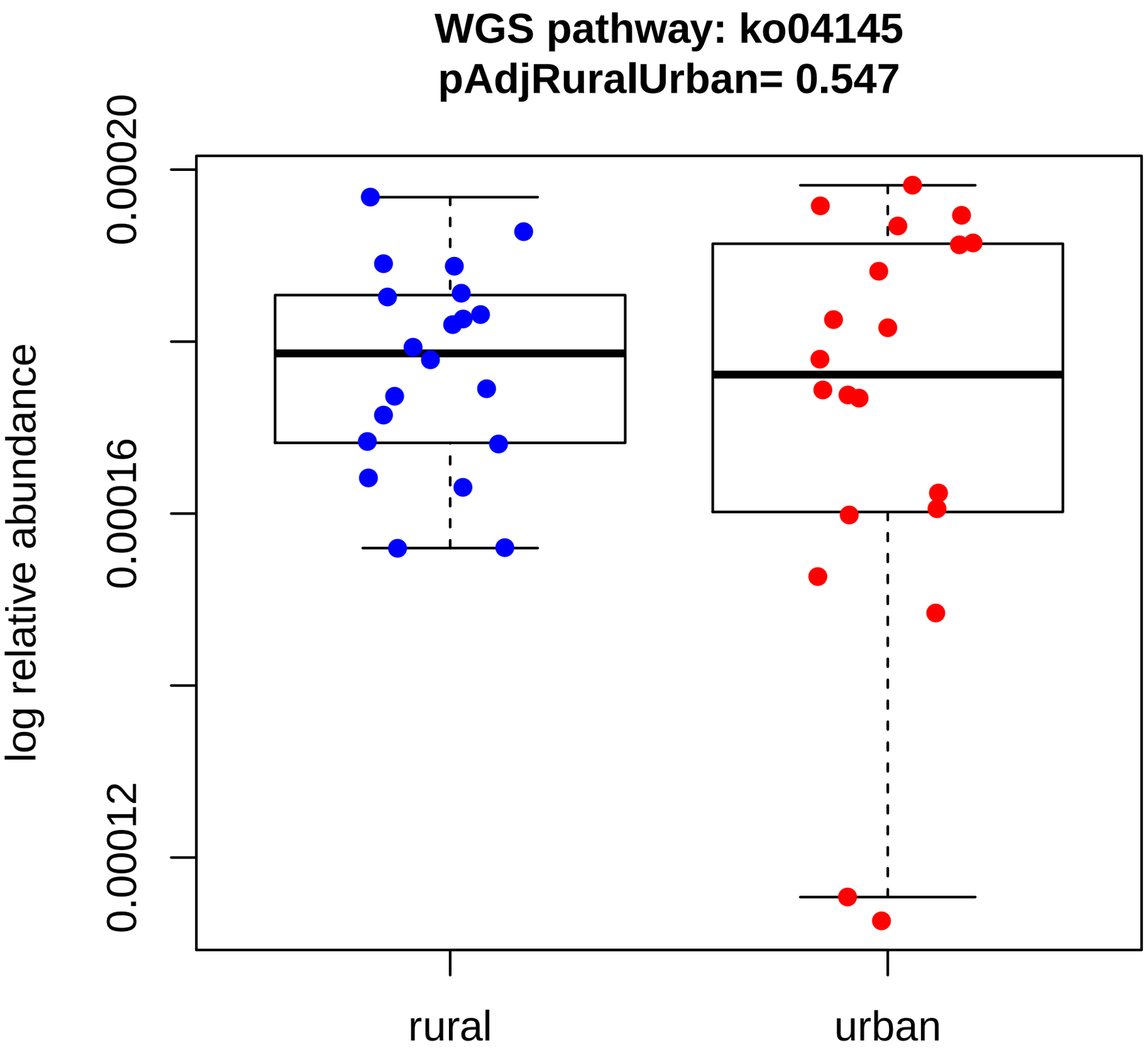

WGS pathway: ko00943
pAdjRuralUrban= 0.537
log relative abundance
0.0e+00
1.0e−05
2.0e−05
3.0e−05
rural
urban

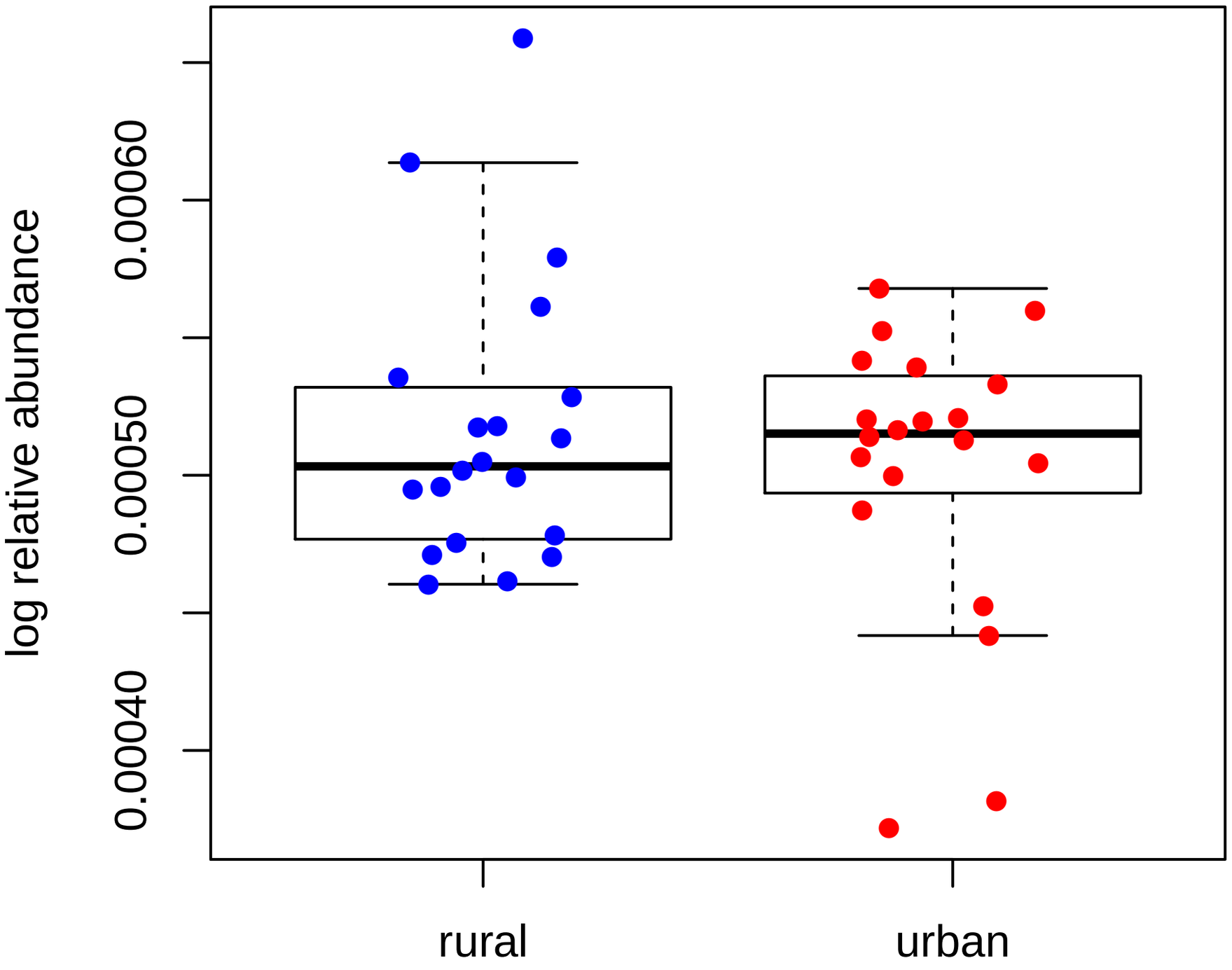

WGS pathway: ko04540
pAdjRuralUrban= 0.544
log relative abundance
1.0e−05
1.4e−05
1.8e−05
2.2e−05
rural
urban

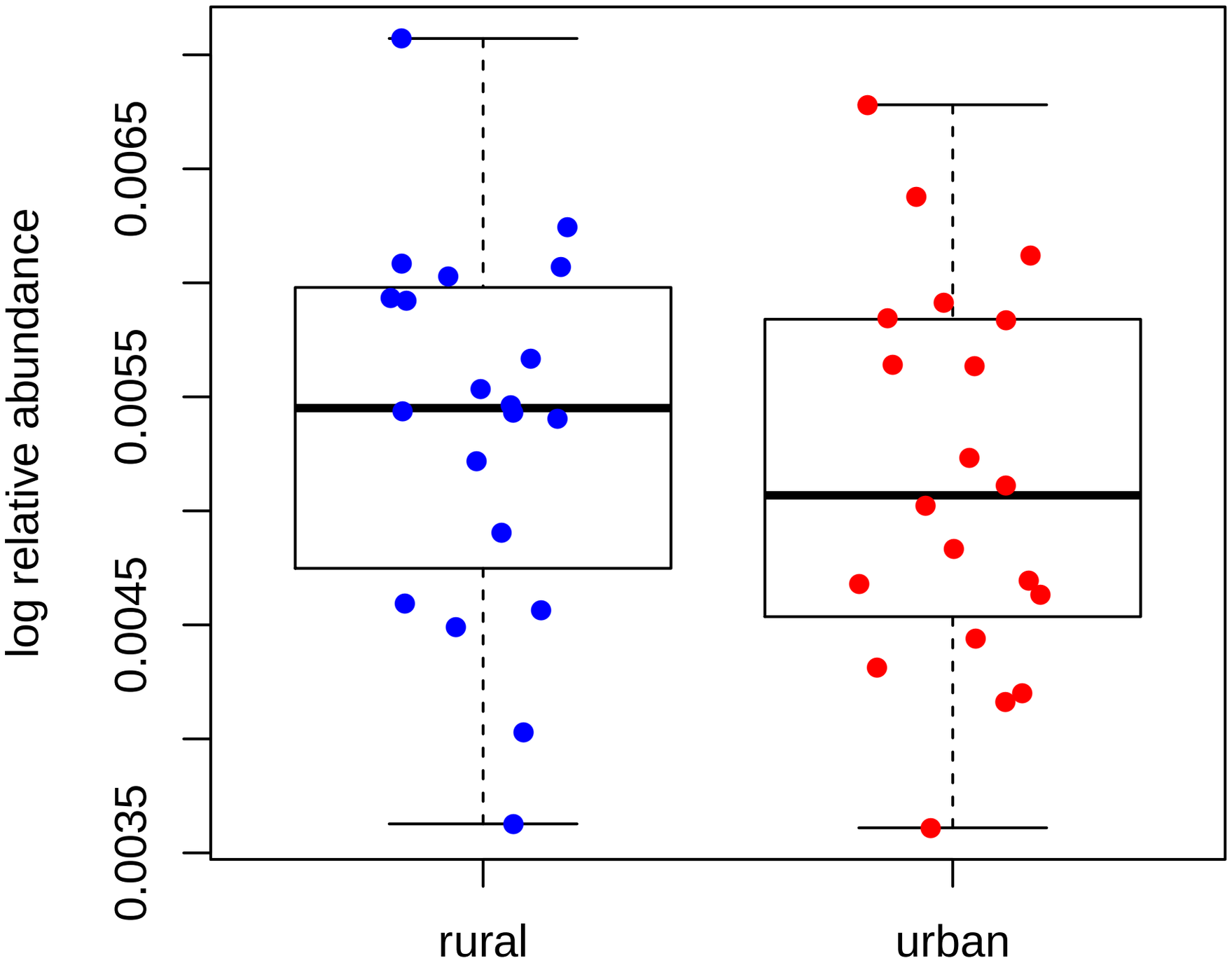

WGS pathway: ko04640
pAdjRuralUrban= 0.547
log relative abundance
1.5e−05
2.0e−05
2.5e−05
3.0e−05
rural
urban

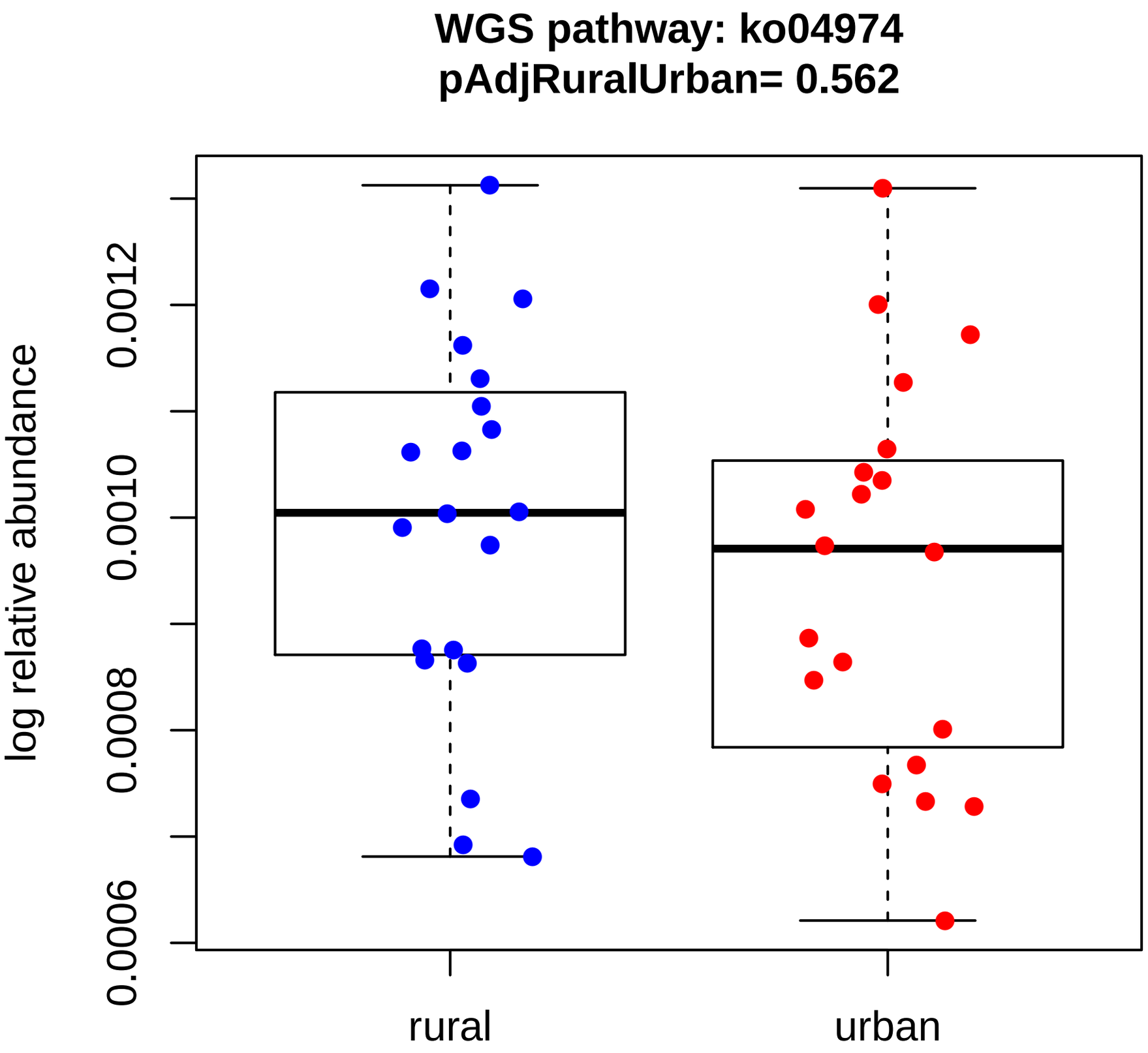

WGS pathway: ko00500
pAdjRuralUrban= 0.547
log relative abundance
0.012
0.013
0.014
0.015
rural
urban

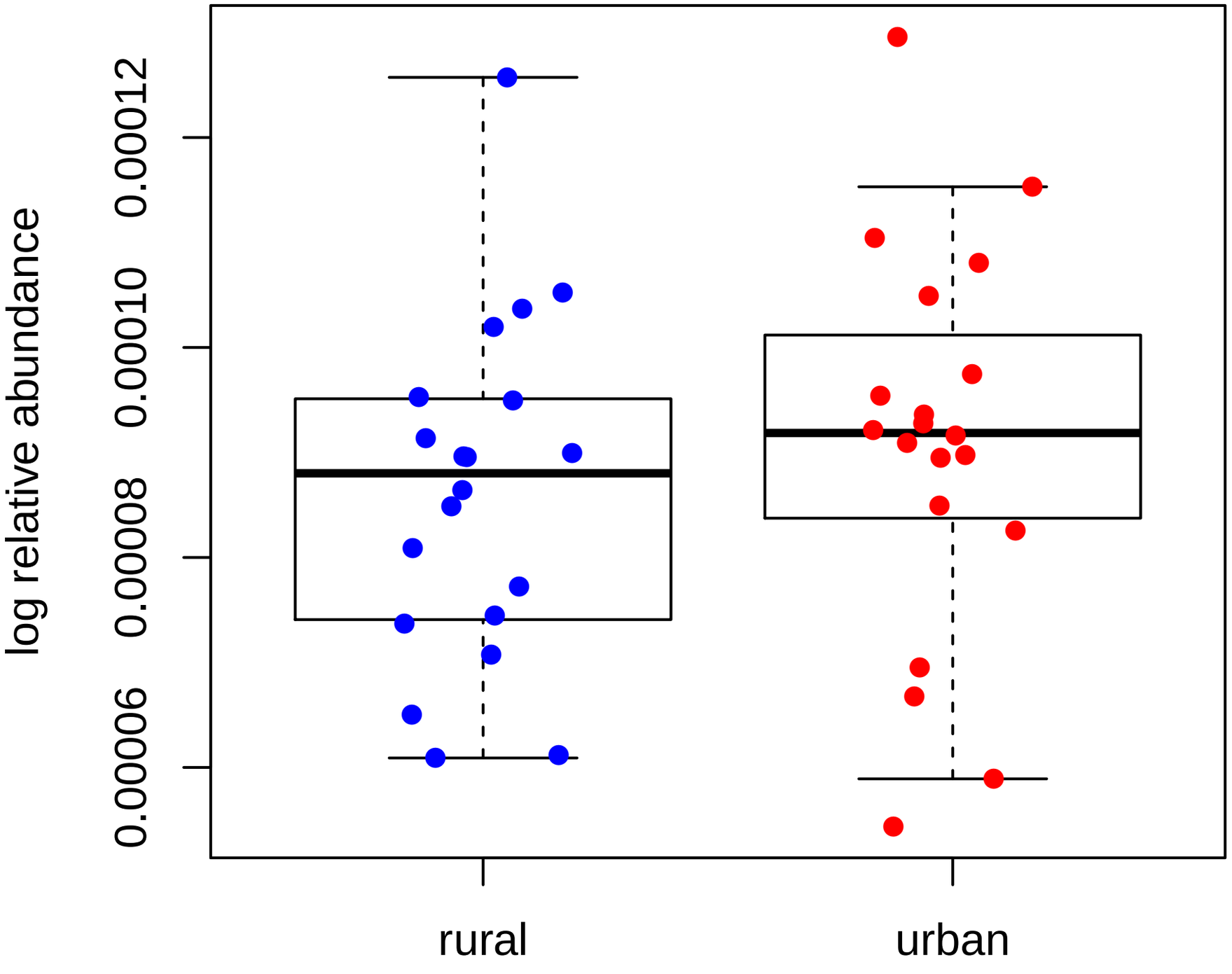

WGS pathway: ko01056
pAdjRuralUrban= 0.547
log relative abundance
1e−04
2e−04
3e−04
4e−04
5e−04
rural
urban

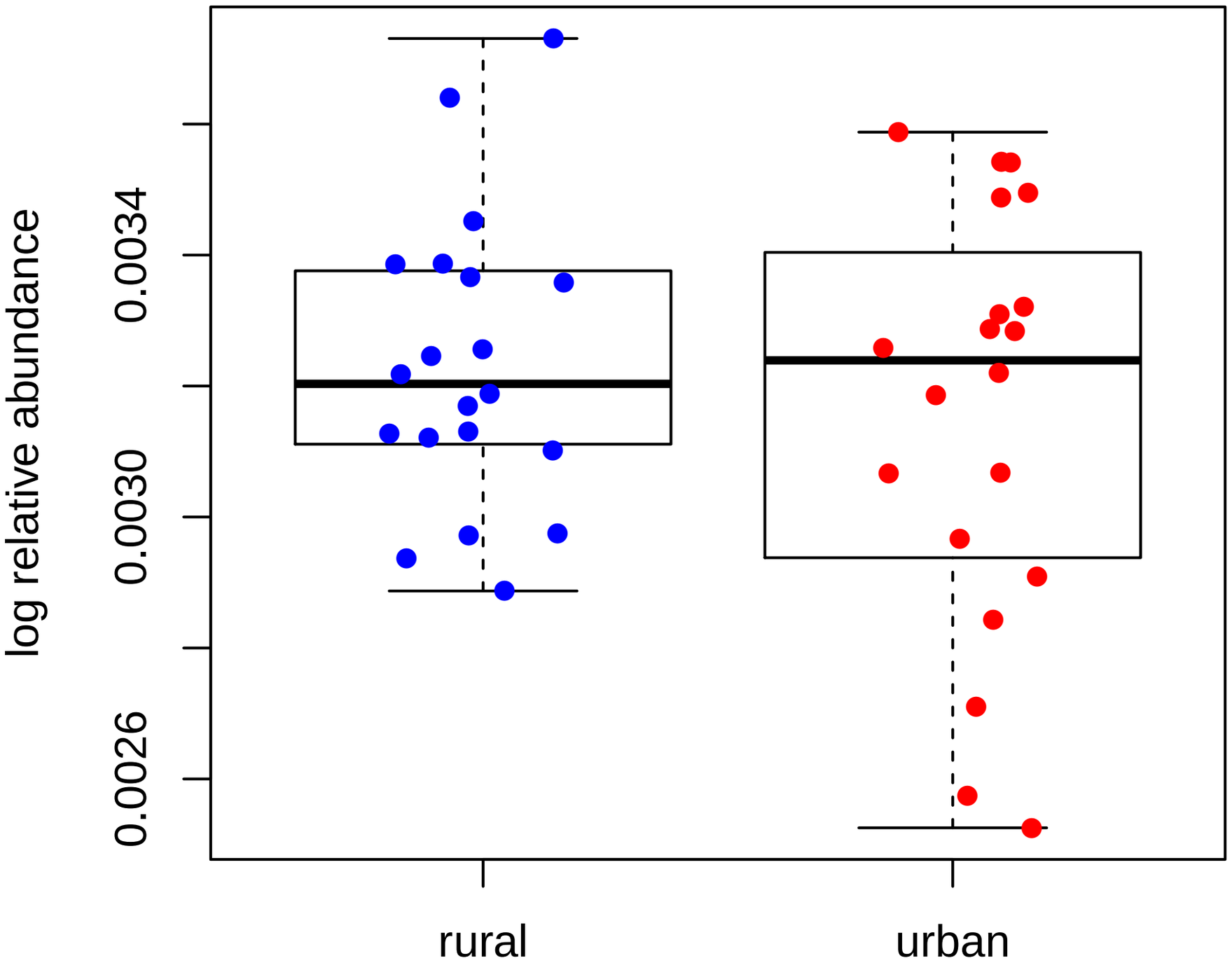

WGS pathway: ko04145
pAdjRuralUrban= 0.547
log relative abundance
0.00020
0.00016
0.00012
rural
urban

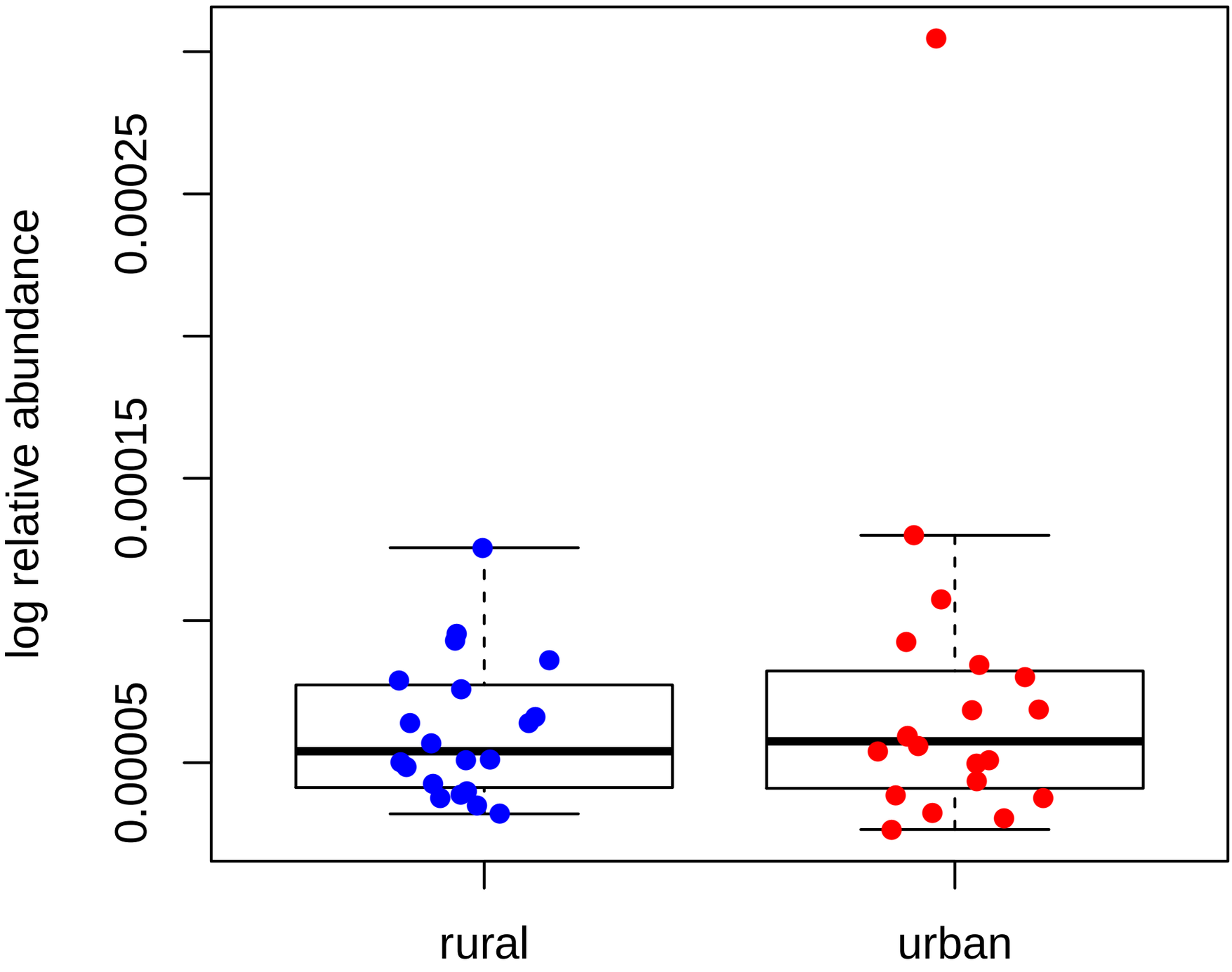

WGS pathway: ko04120
pAdjRuralUrban= 0.553
log relative abundance
0.00040
0.00050
0.00060
rural
urban

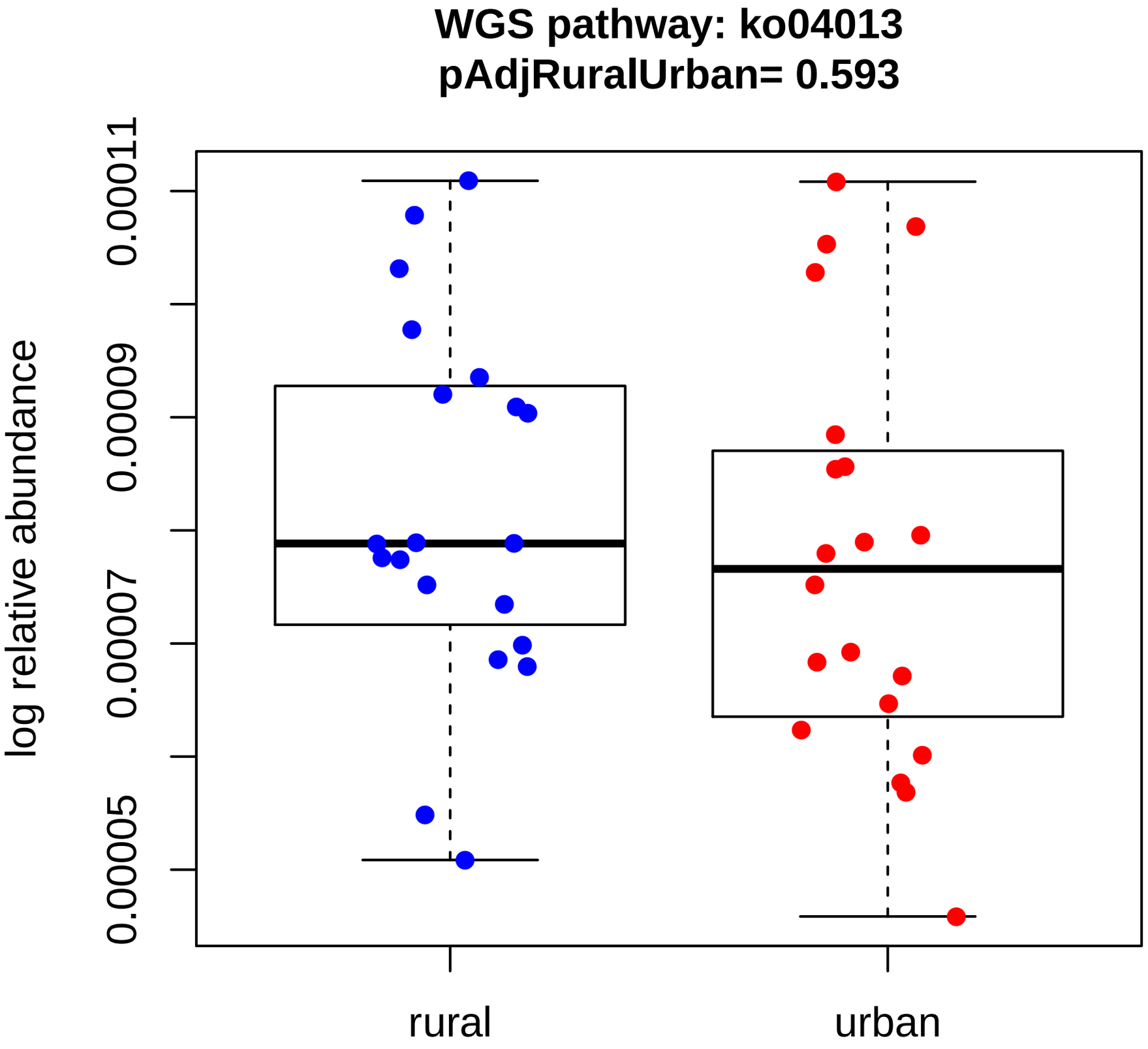

WGS pathway: ko00623
pAdjRuralUrban= 0.556
log relative abundance
0.0035
0.0045
0.0055
0.0065
rural
urban

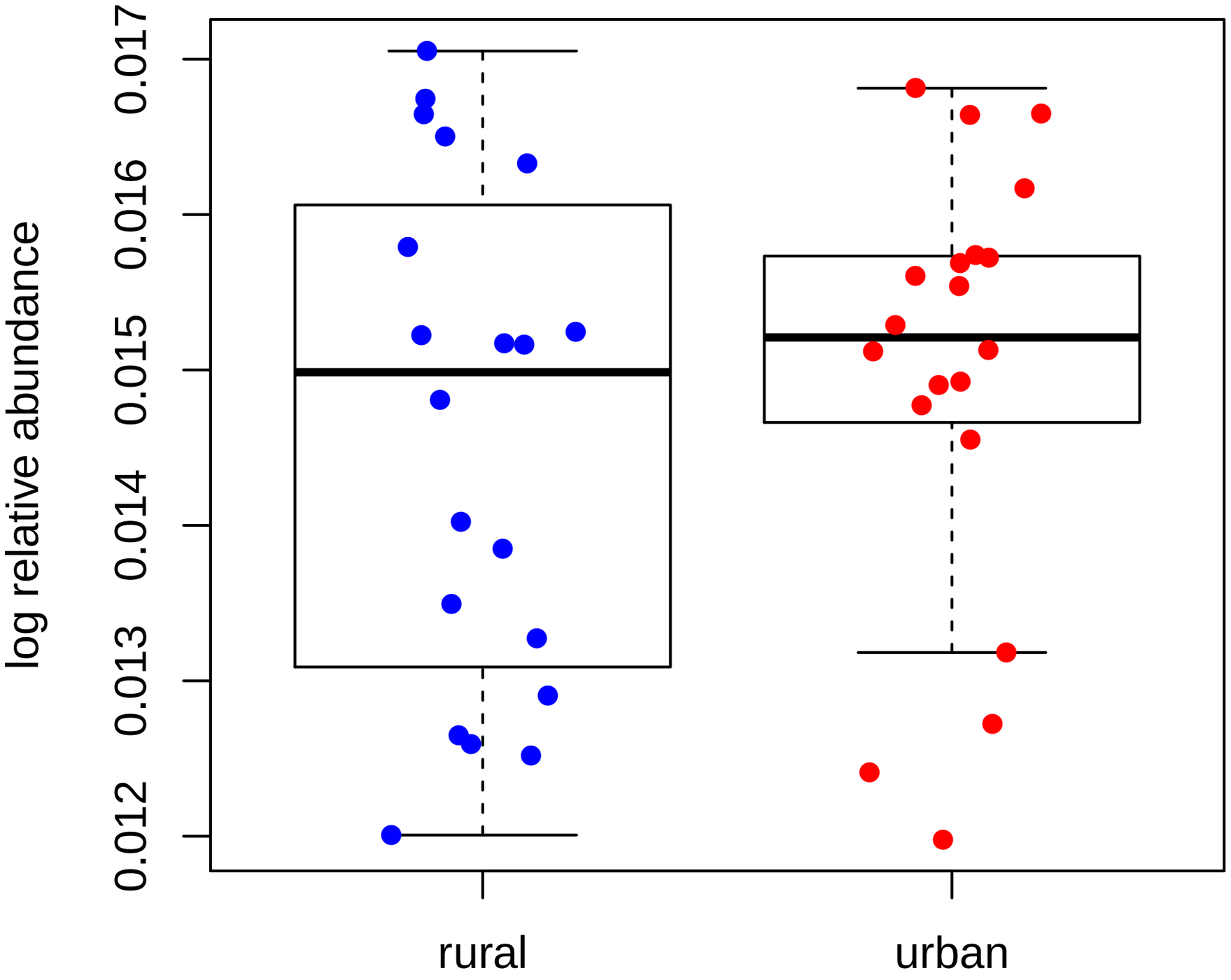

WGS pathway: ko04974
pAdjRuralUrban= 0.562
log relative abundance
0.0006
0.0008
0.0010
0.0012
rural
urban

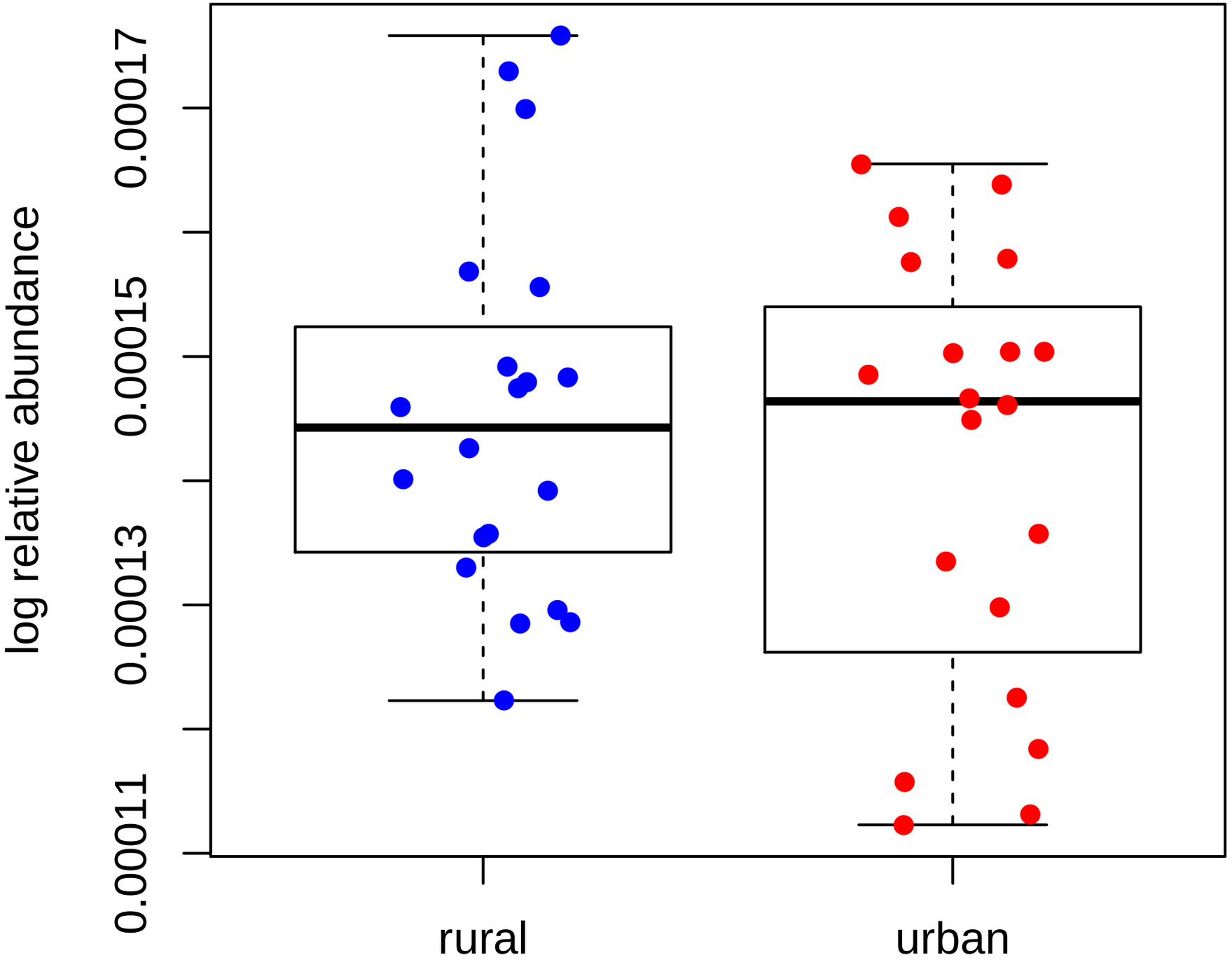

WGS pathway: ko04745
pAdjRuralUrban= 0.562
log relative abundance
0.00006
0.00008
0.00010
0.00012
rural
urban

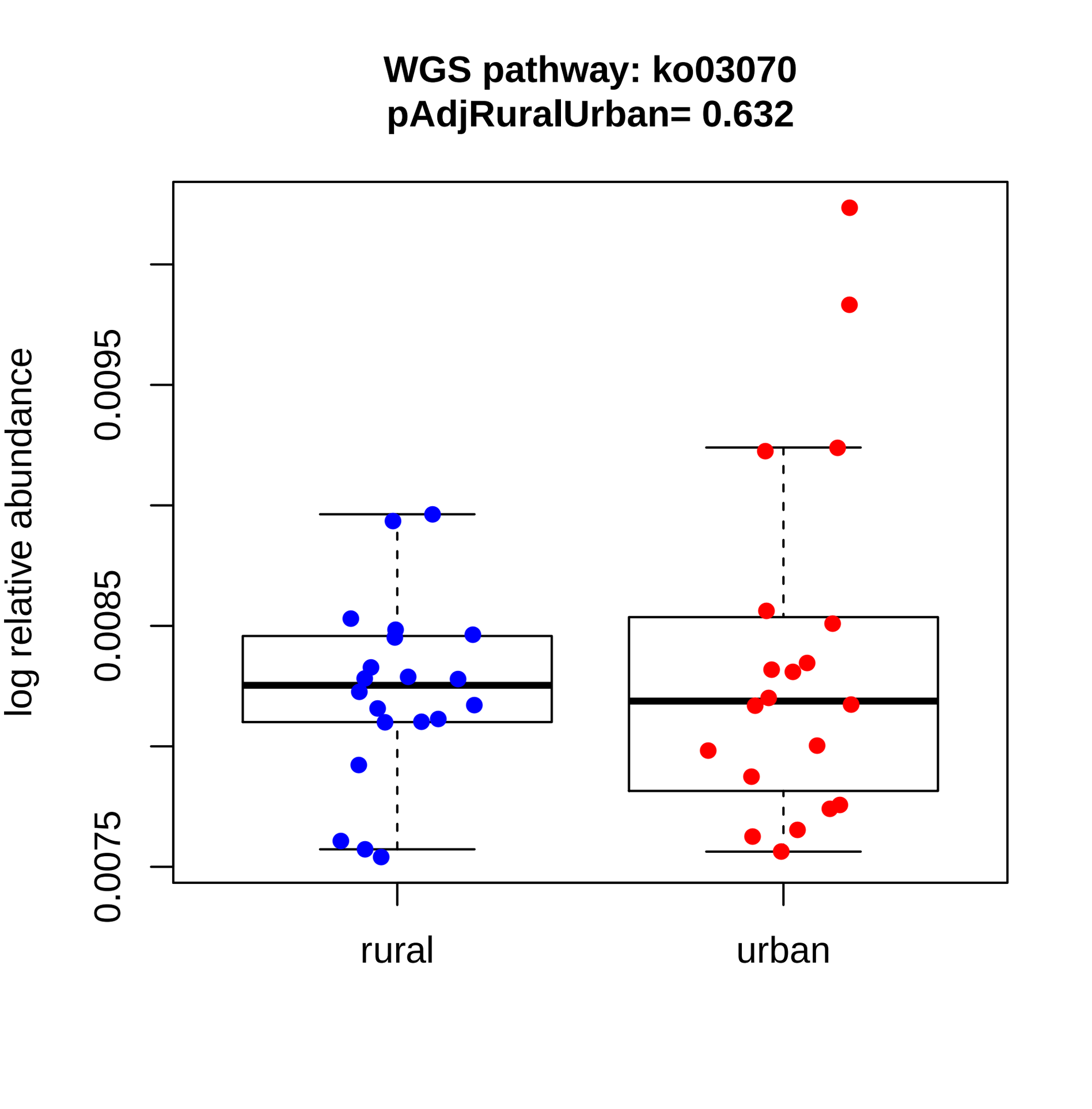

WGS pathway: ko00624
pAdjRuralUrban= 0.579
log relative abundance
0.0026
0.0030
0.0034
rural
urban

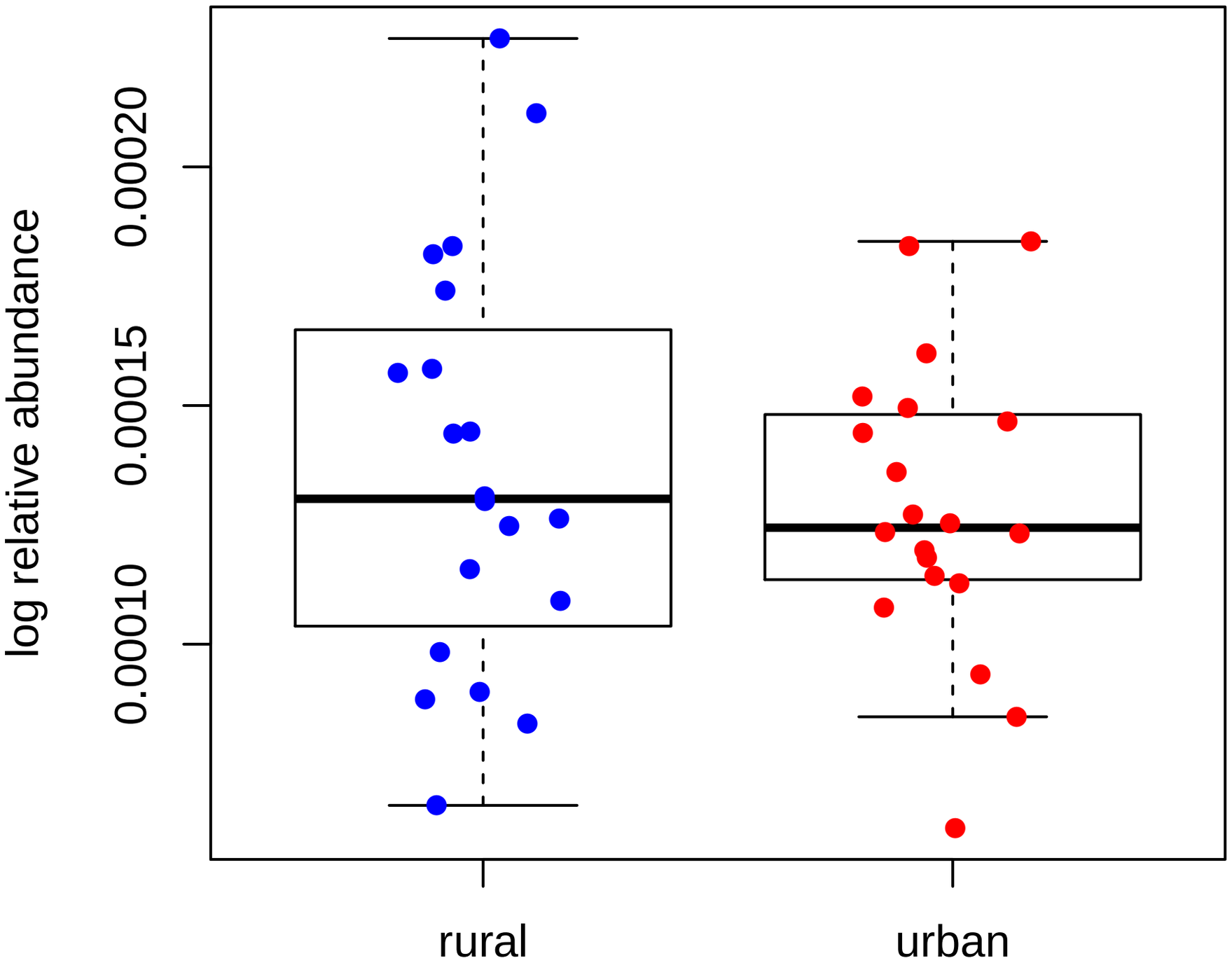

WGS pathway: ko04612
pAdjRuralUrban= 0.586
log relative abundance
0.00005
0.00015
0.00025
rural
urban

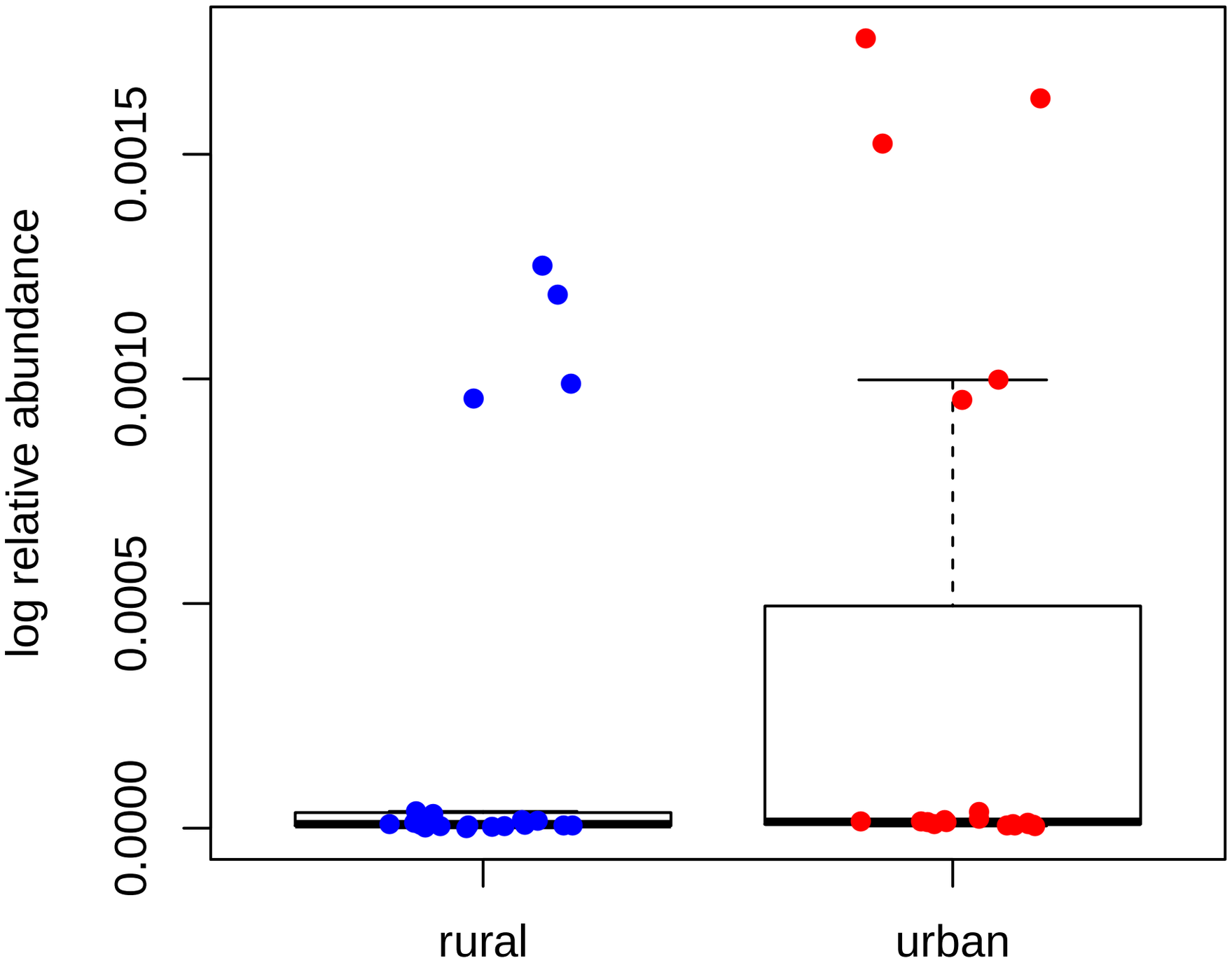

WGS pathway: ko04013
pAdjRuralUrban= 0.593
log relative abundance
0.00005
0.00007
0.00009
0.00011
rural
urban

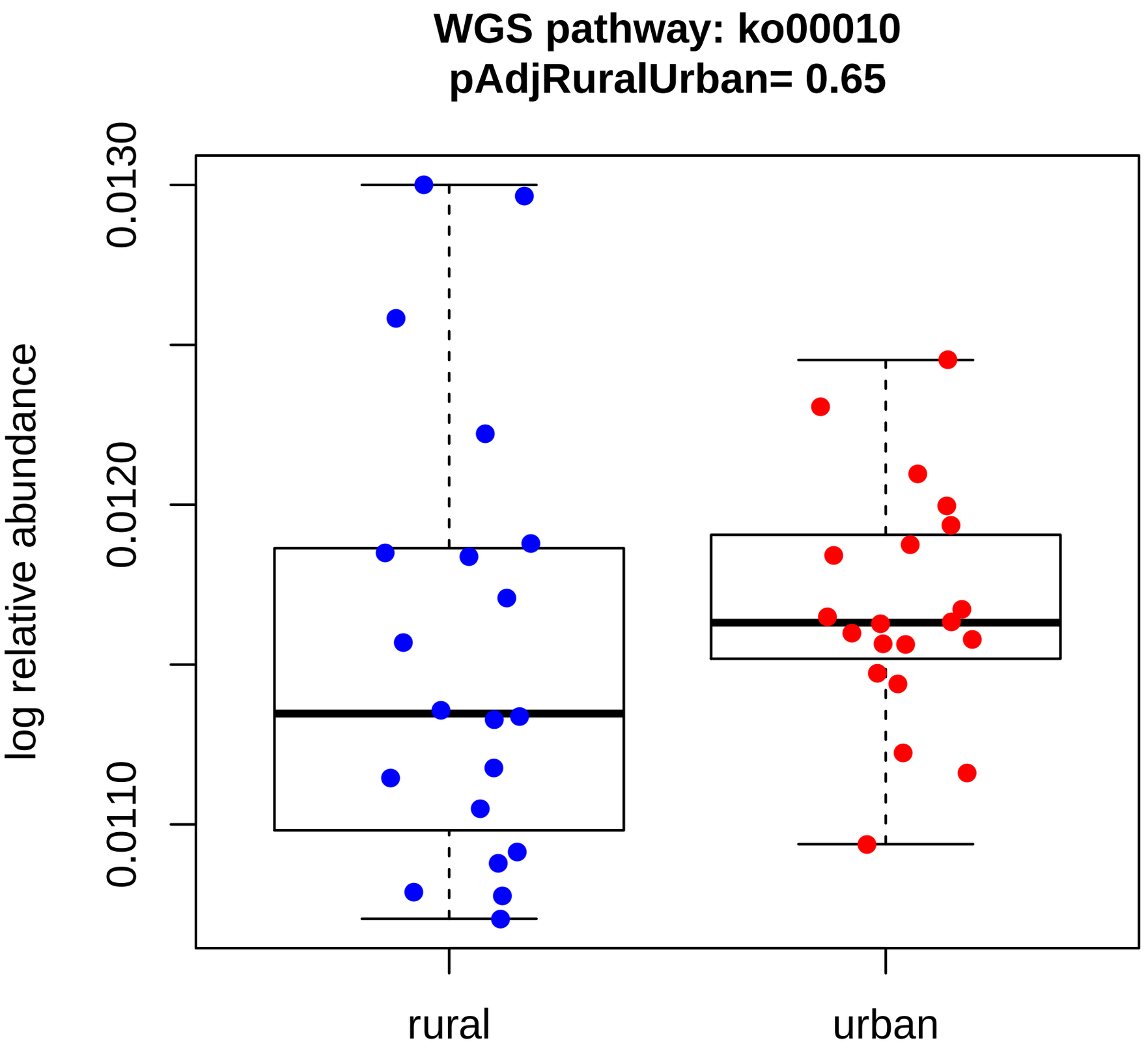

WGS pathway: ko04122
pAdjRuralUrban= 0.61
log relative abundance
0.012
0.013
0.014
0.015
0.016
0.017
rural
urban

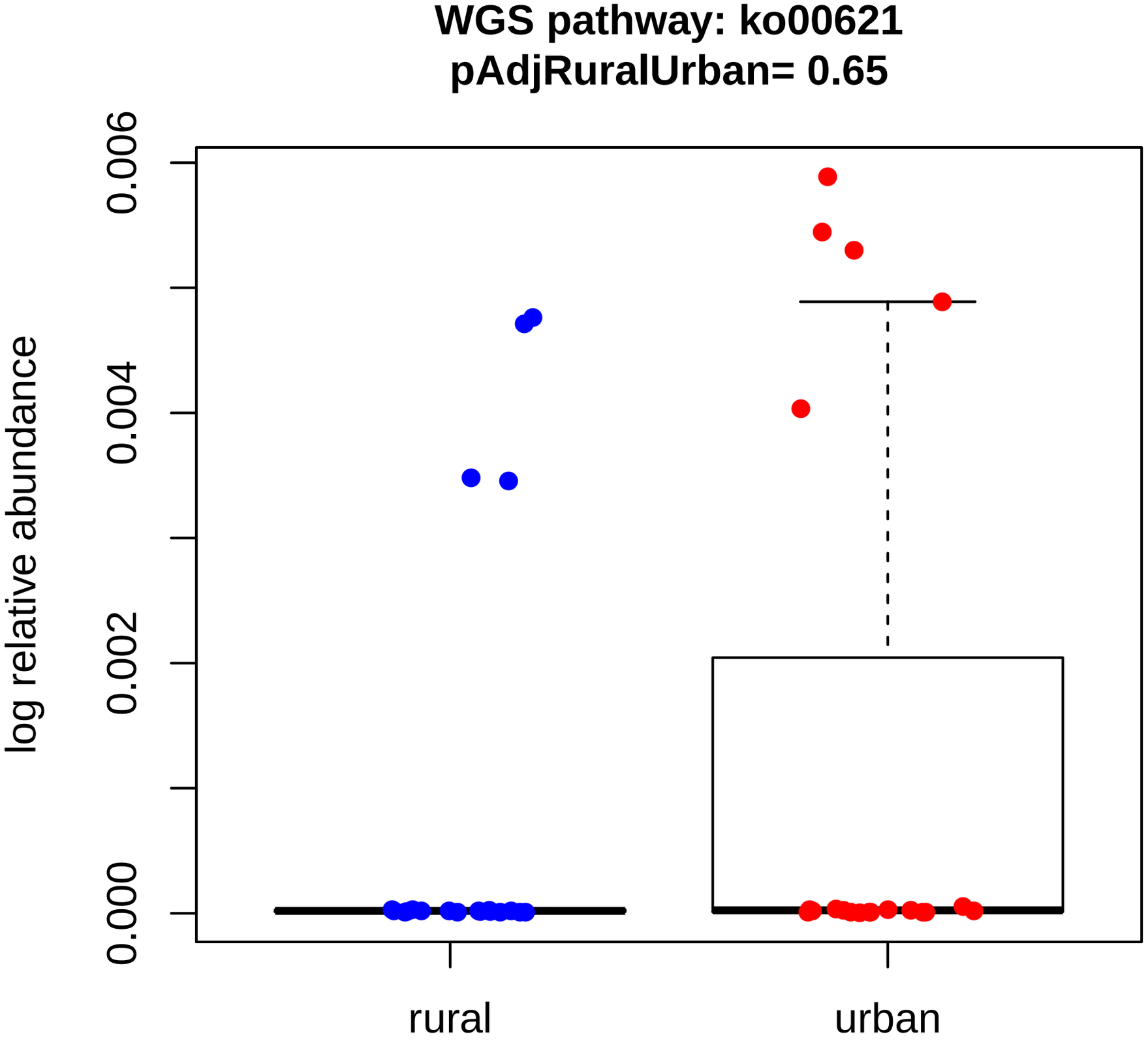

WGS pathway: ko04115
pAdjRuralUrban= 0.613
log relative abundance
0.00017
0.00015
0.00013
0.00011
rural
urban

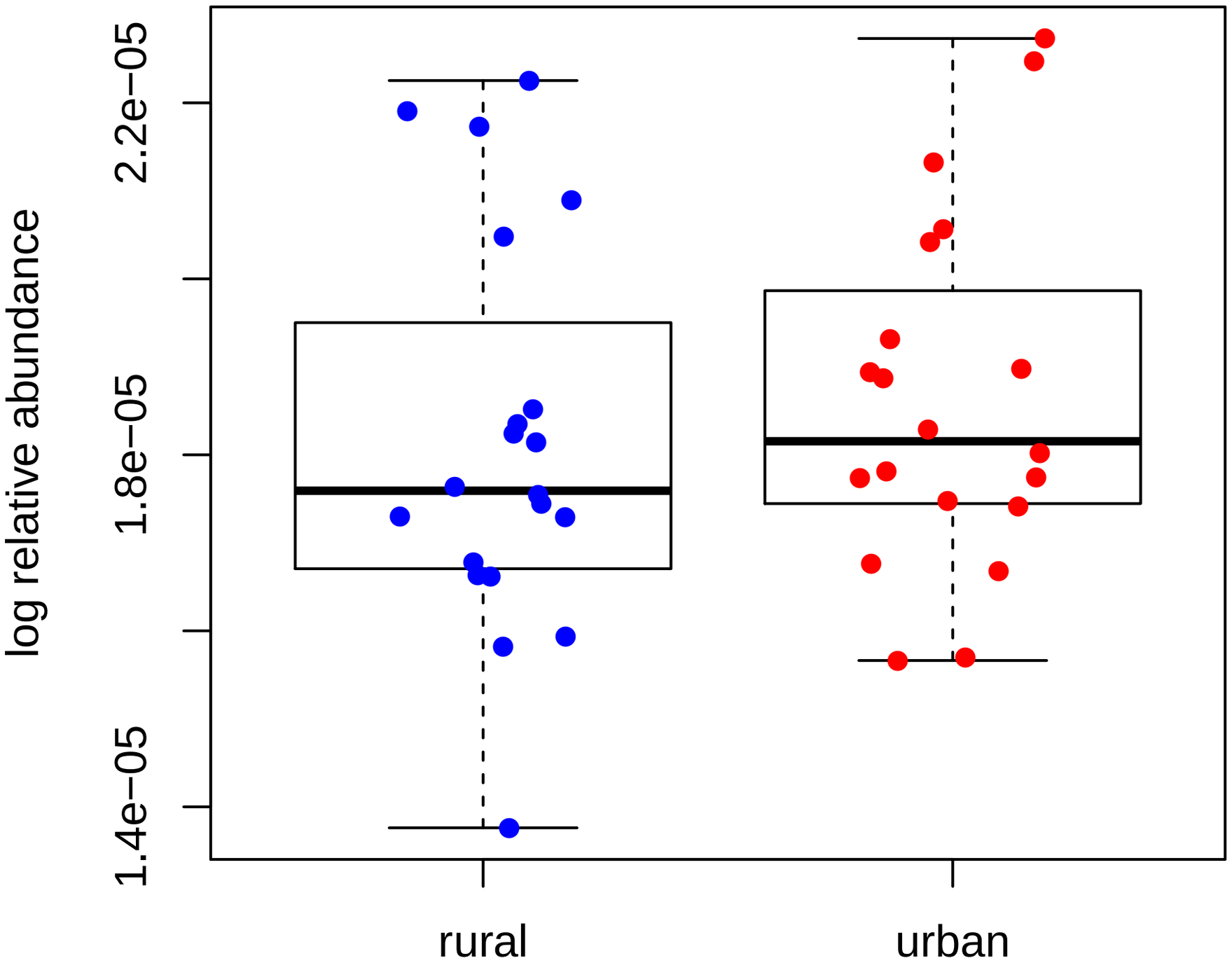

WGS pathway: ko03070
pAdjRuralUrban= 0.632
log relative abundance
0.0075
0.0085
0.0095
rural
urban

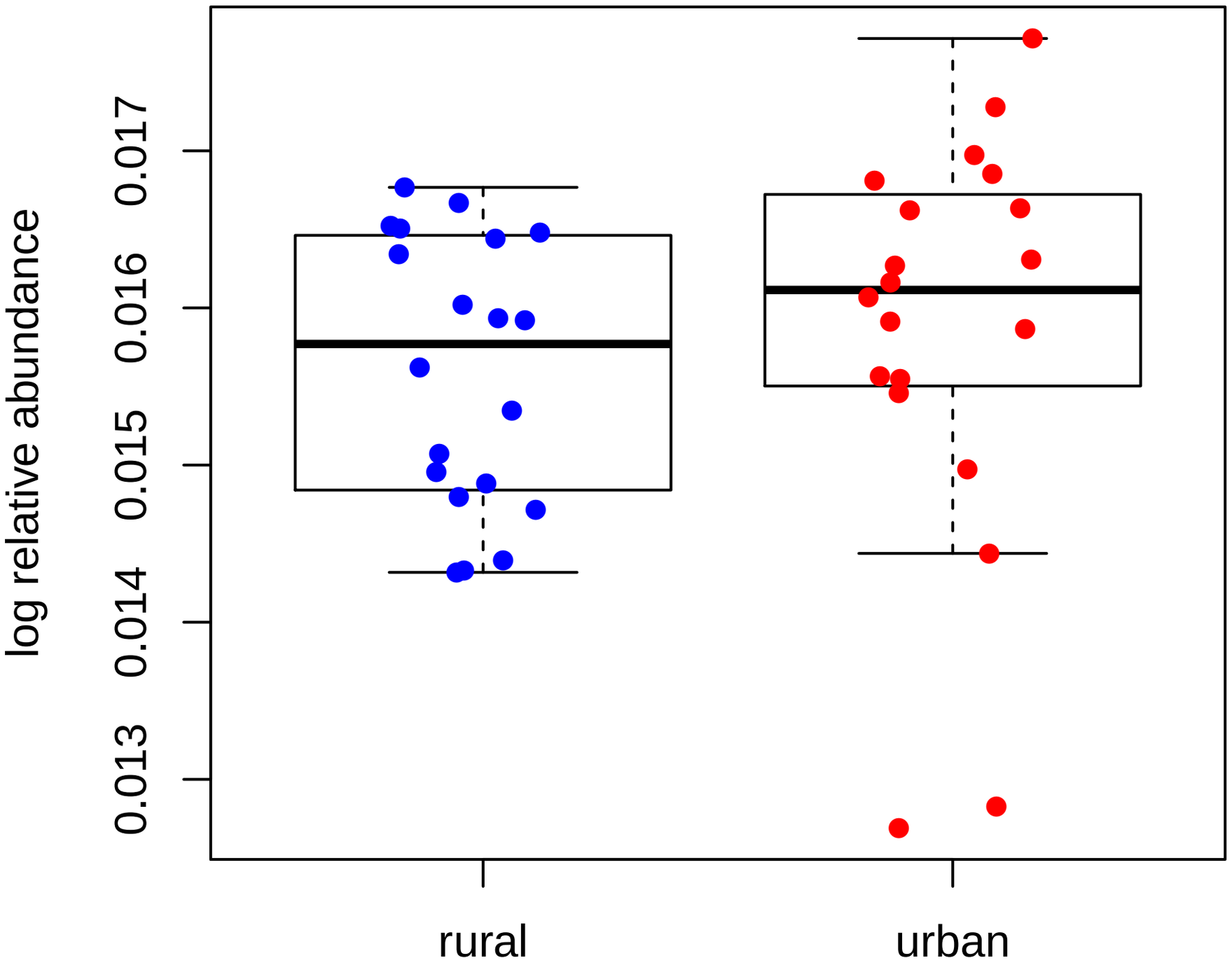

WGS pathway: ko04964
pAdjRuralUrban= 0.642
log relative abundance
0.00010
0.00015
0.00020
rural
urban

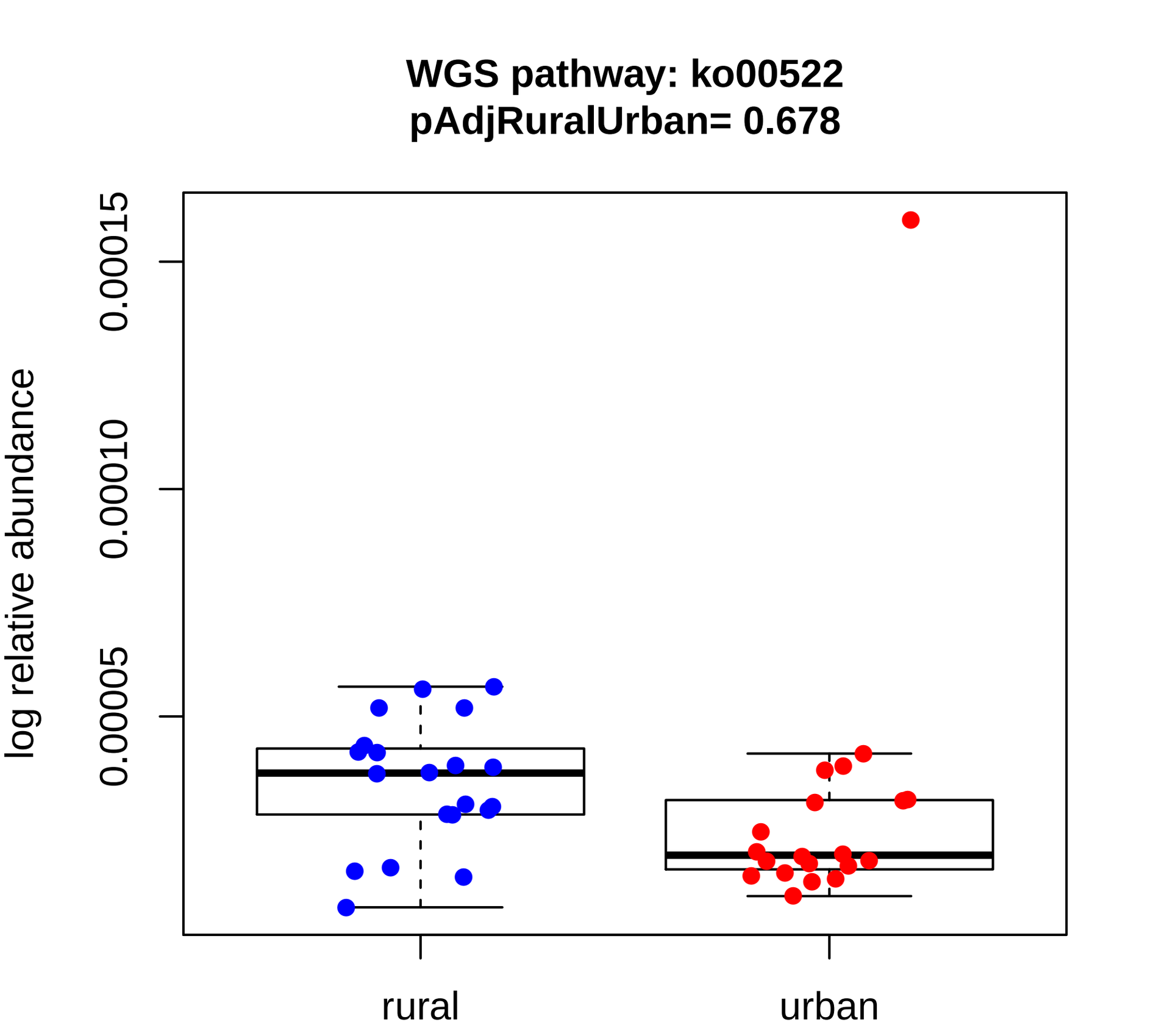

WGS pathway: ko00364
pAdjRuralUrban= 0.65
log relative abundance
0.0000
0.0005
0.0010
0.0015
rural
urban

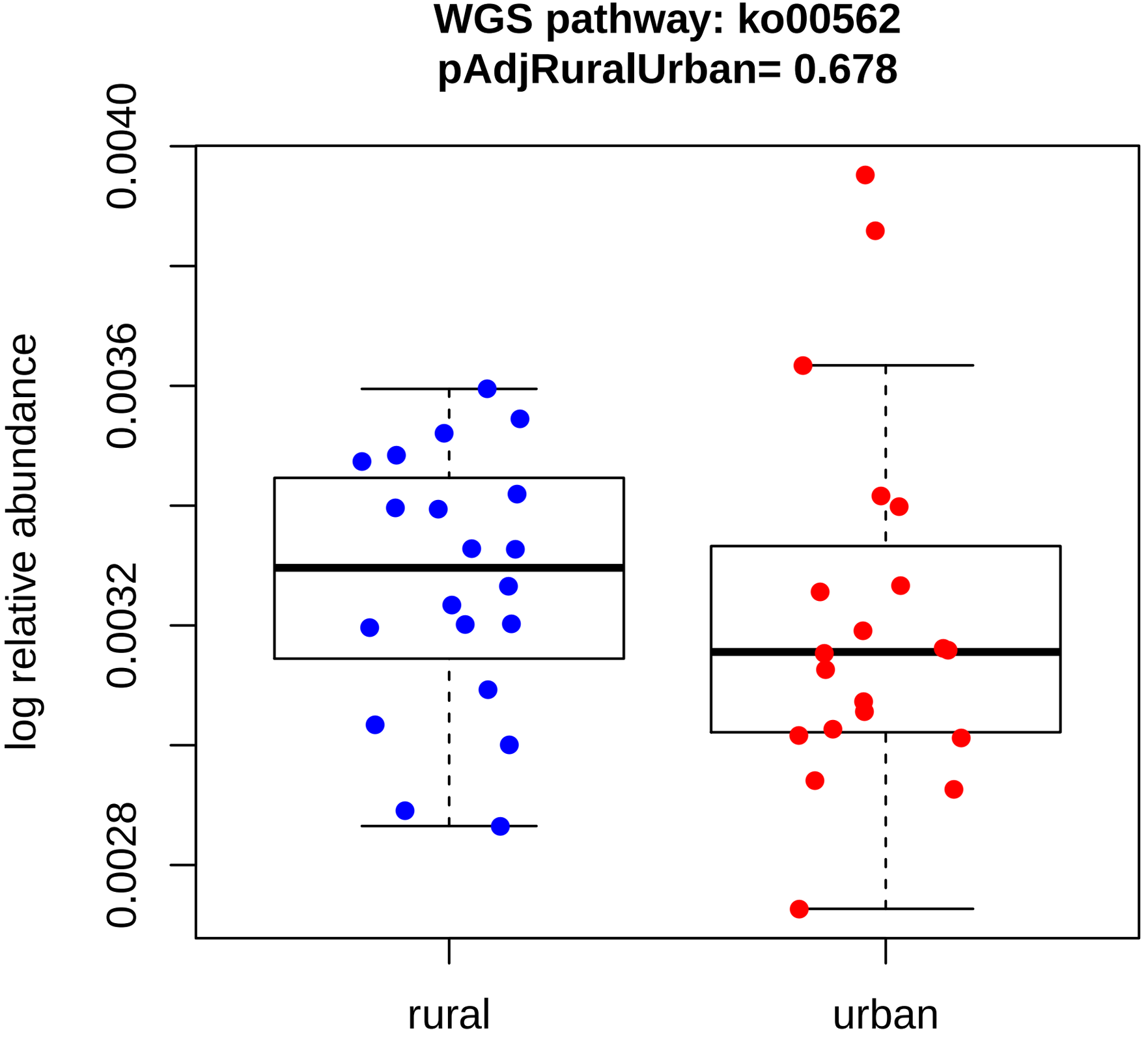

WGS pathway: ko00010
pAdjRuralUrban= 0.65
log relative abundance
0.01130
0.01120
0.01110
rural
urban

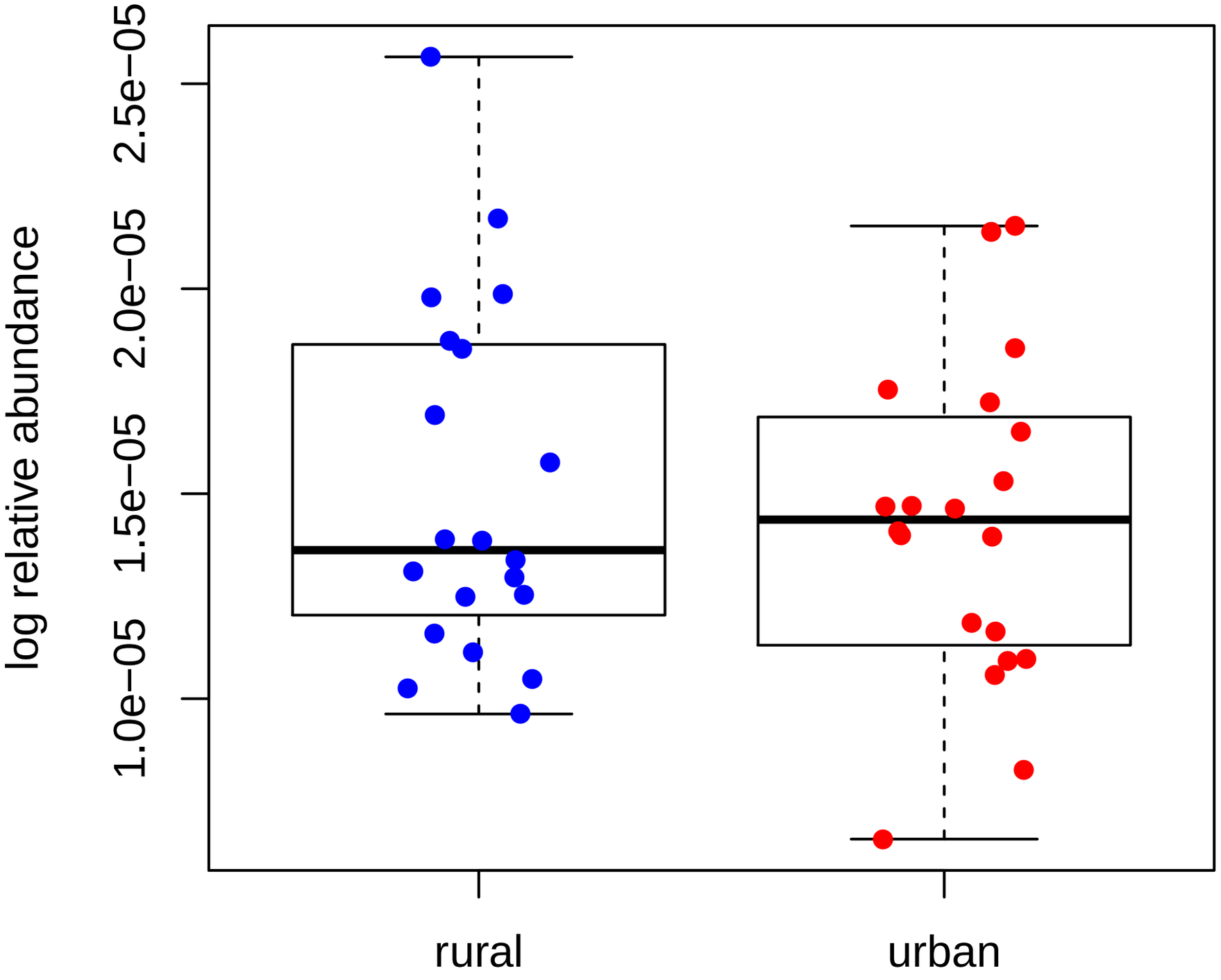

WGS pathway: ko00621
pAdjRuralUrban= 0.65
log relative abundance
0.000
0.002
0.004
0.006
rural
urban

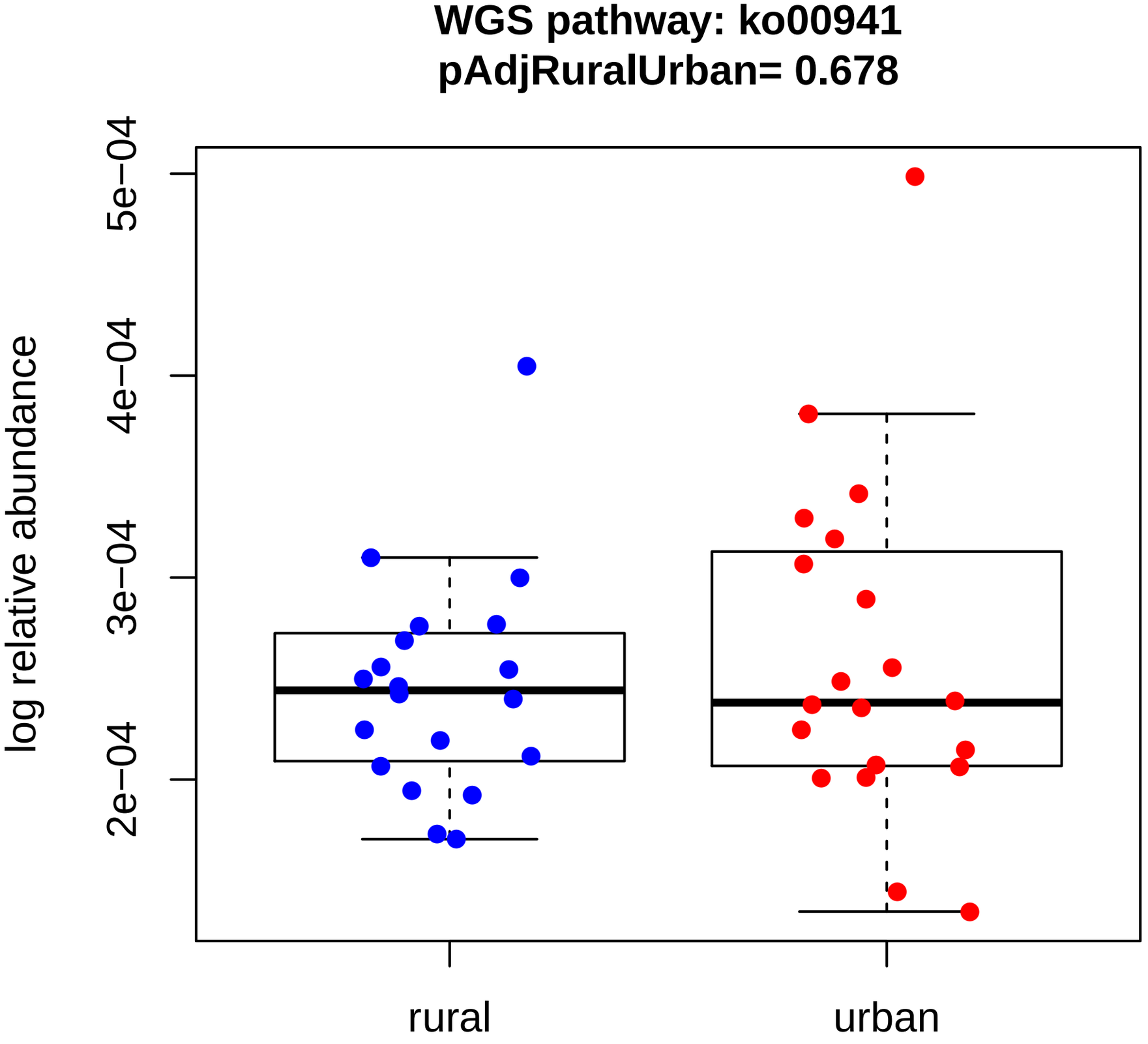

WGS pathway: ko05200
pAdjRuralUrban= 0.651
log relative abundance
2.2e−05
1.8e−05
1.4e−05
rural
urban

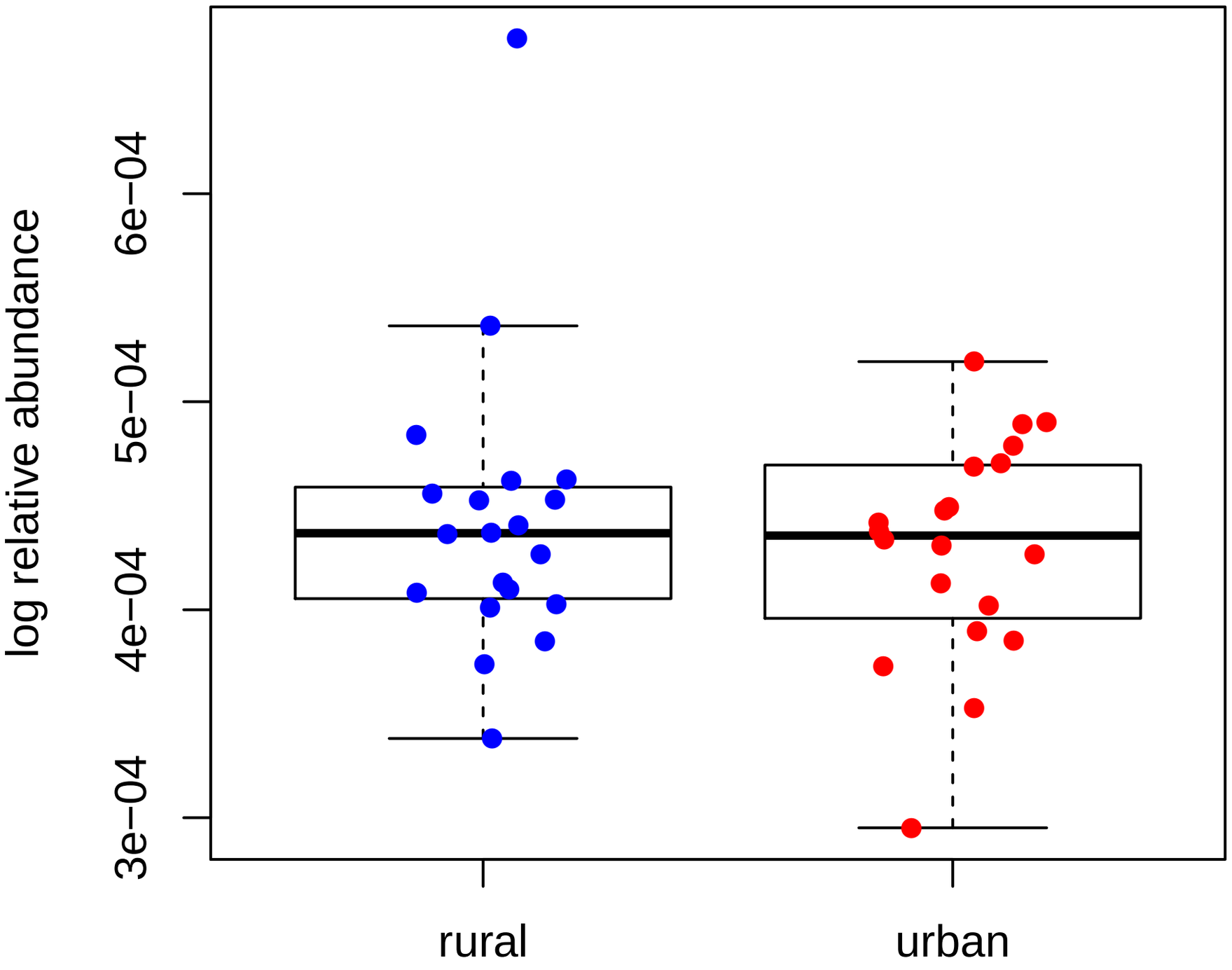

WGS pathway: ko00340
pAdjRuralUrban= 0.655
log relative abundance
0.013
0.014
0.015
0.016
0.017
rural
urban

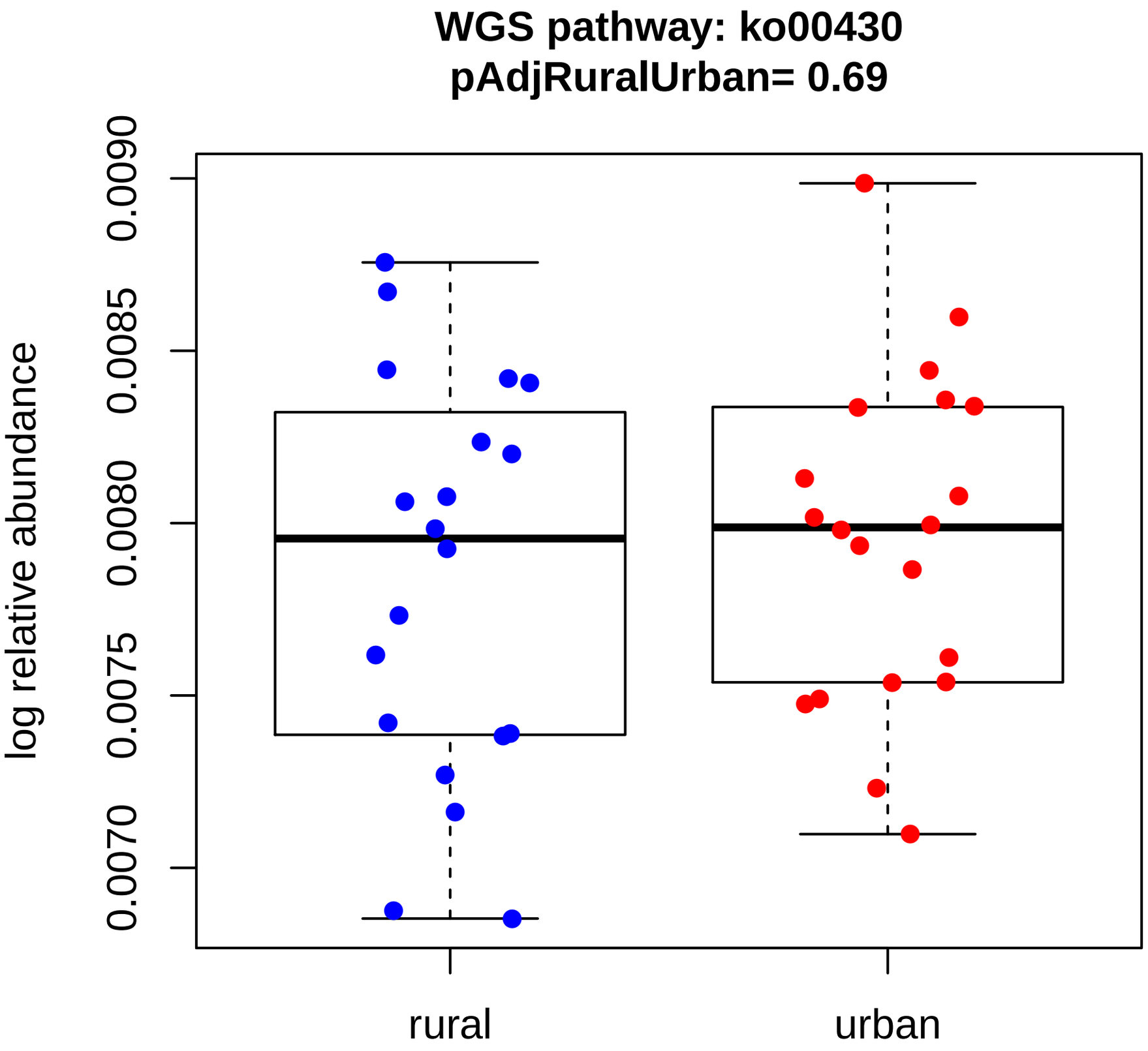

WGS pathway: ko00522
pAdjRuralUrban= 0.678
log relative abundance
0.00005
0.00010
0.00015
rural
urban

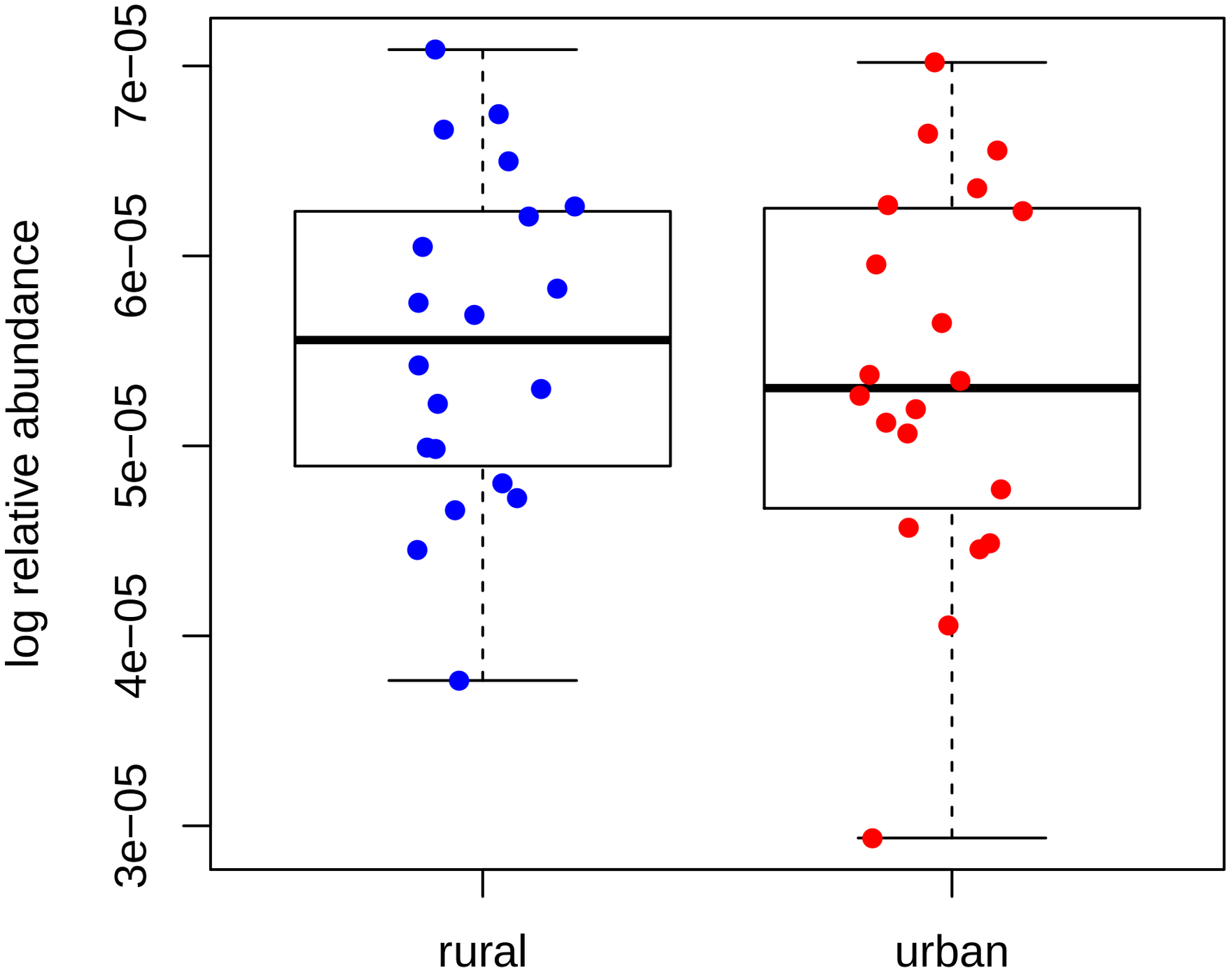

WGS pathway: ko00562
pAdjRuralUrban= 0.678
log relative abundance
0.0040
0.0036
0.0032
0.0028
rural
urban

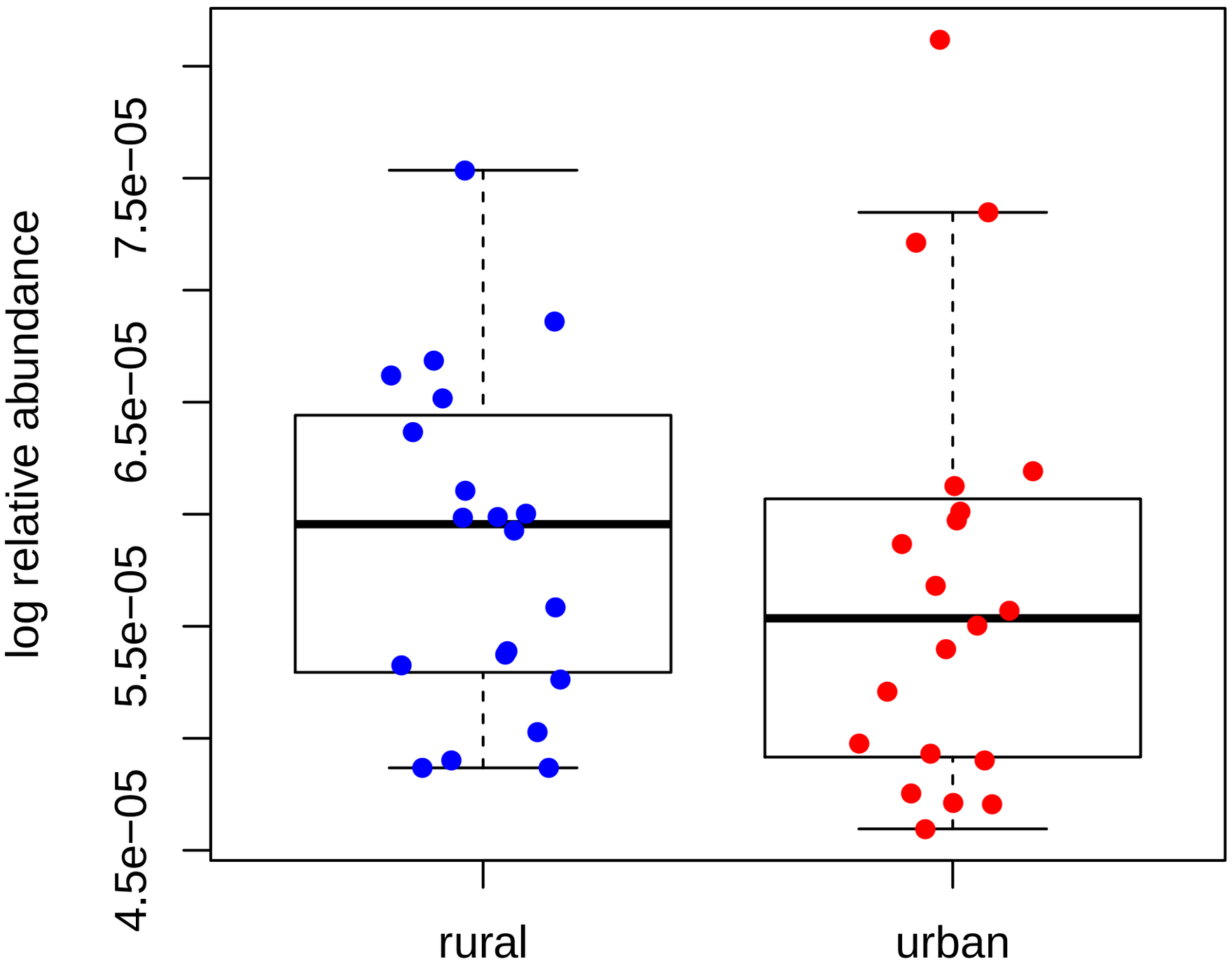

WGS pathway: ko04062
pAdjRuralUrban= 0.678
log relative abundance
1.0e−05
1.5e−05
2.0e−05
2.5e−05
rural
urban

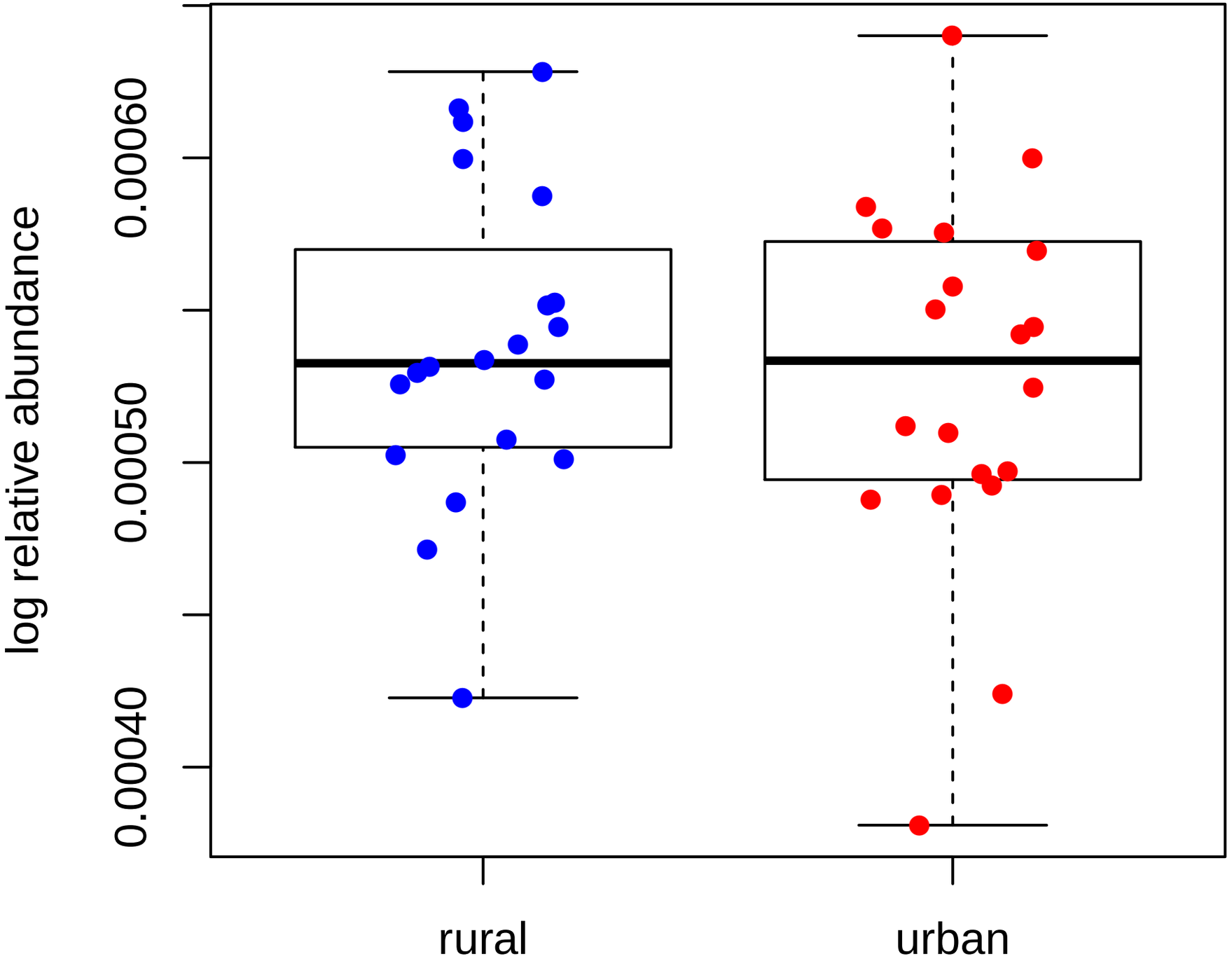

WGS pathway: ko00941
pAdjRuralUrban= 0.678
log relative abundance
2e−04
3e−04
4e−04
5e−04
rural
urban

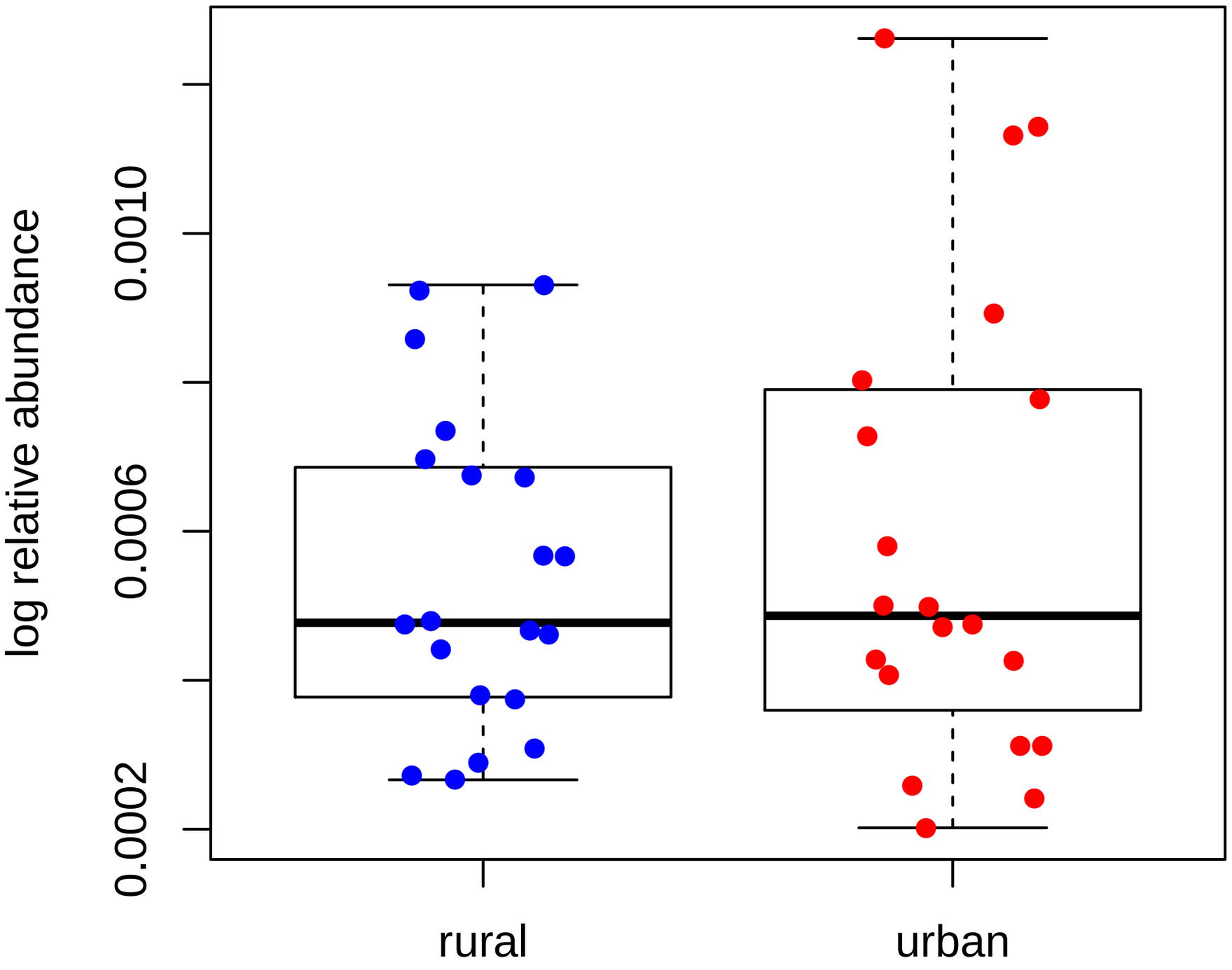

WGS pathway: ko00906
pAdjRuralUrban= 0.678
log relative abundance
3e−04
4e−04
5e−04
6e−04
rural
urban

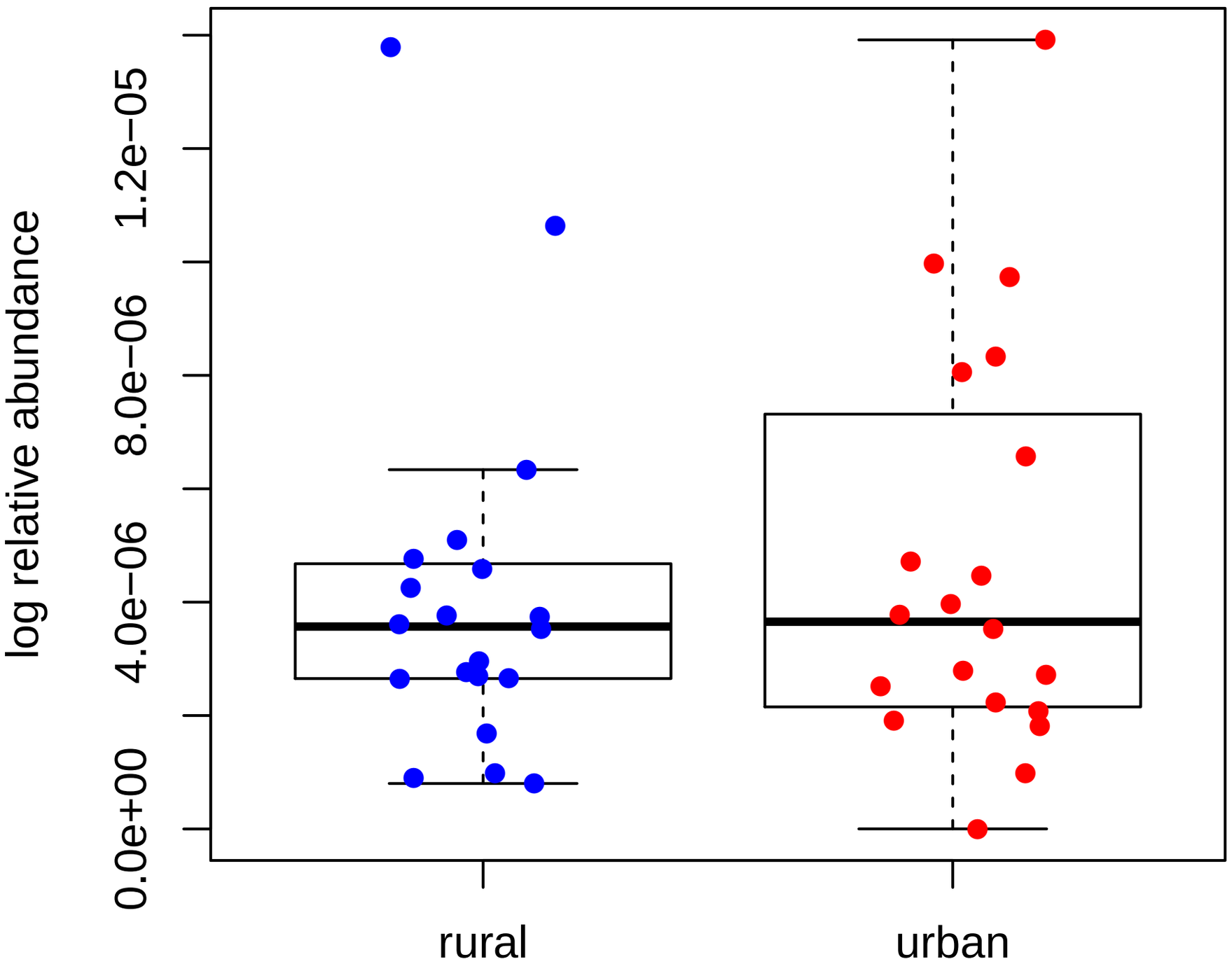

WGS pathway: ko00430
pAdjRuralUrban= 0.69
log relative abundance
0.0070
0.0075
0.0080
0.0085
0.0090
rural
urban

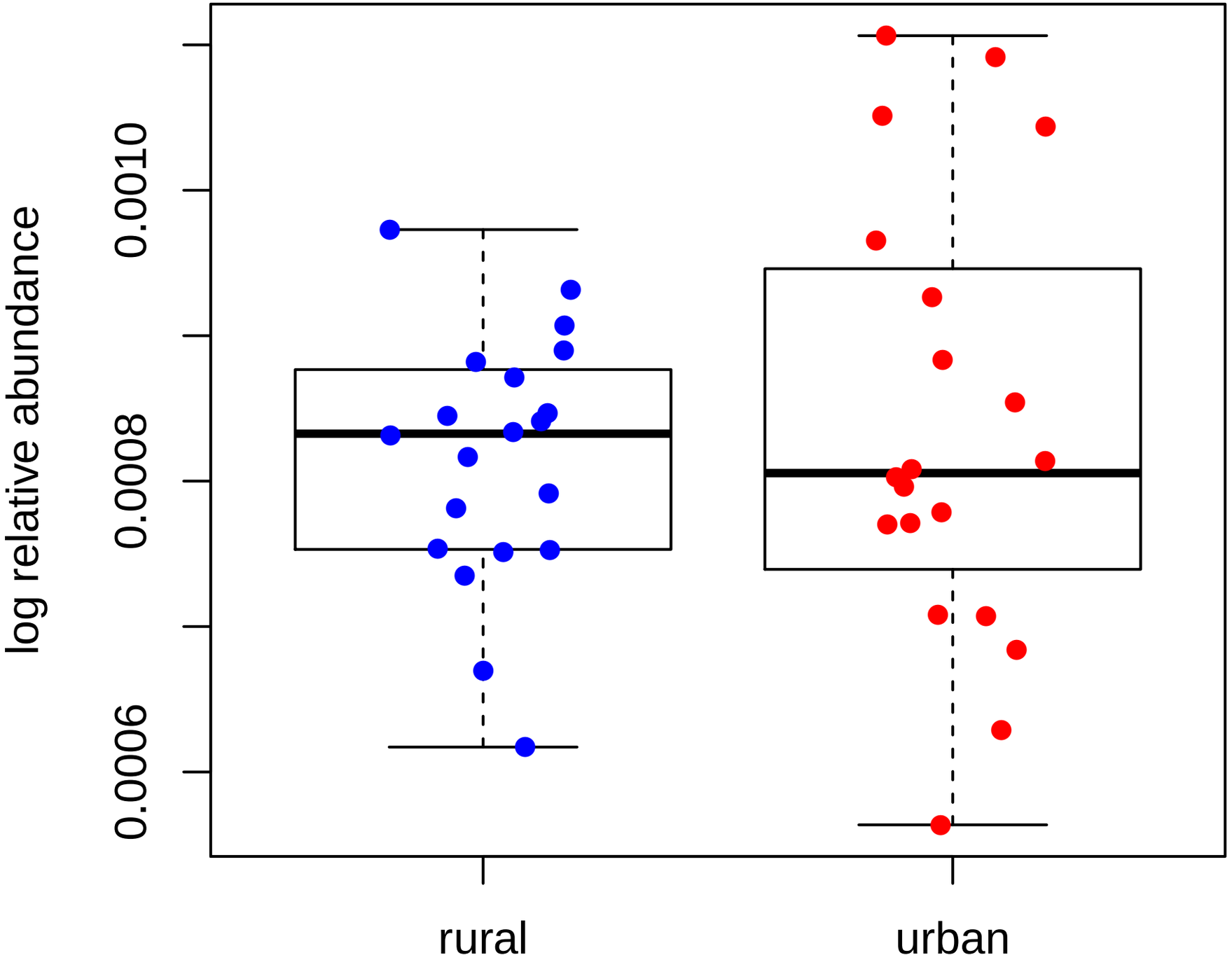

WGS pathway: ko04810
pAdjRuralUrban= 0.69
log relative abundance
7e−05
6e−05
5e−05
4e−05
3e−05
rural
urban

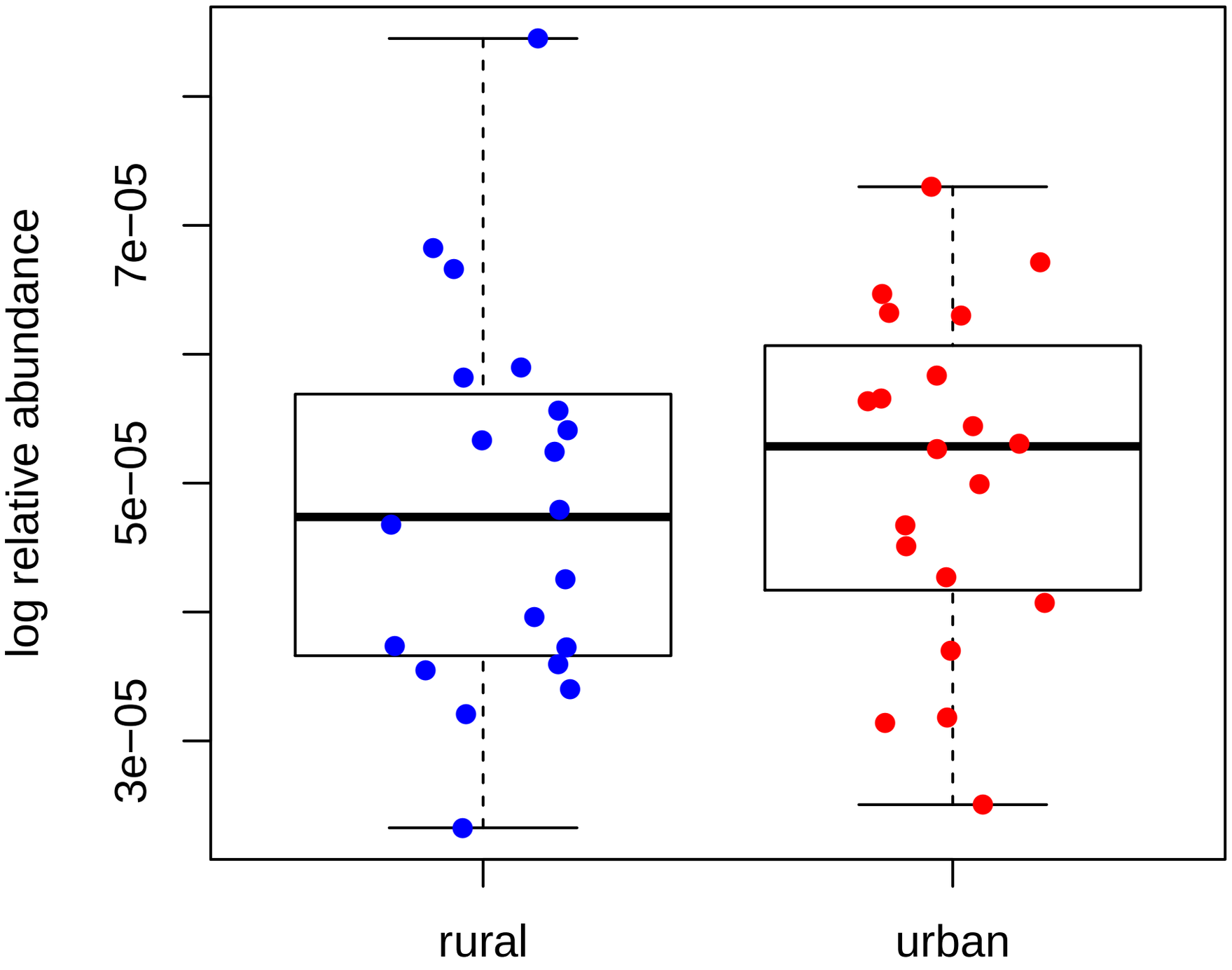

WGS pathway: ko04060
pAdjRuralUrban= 0.696
log relative abundance
4.5e−05
5.5e−05
6.5e−05
7.5e−05
rural
urban

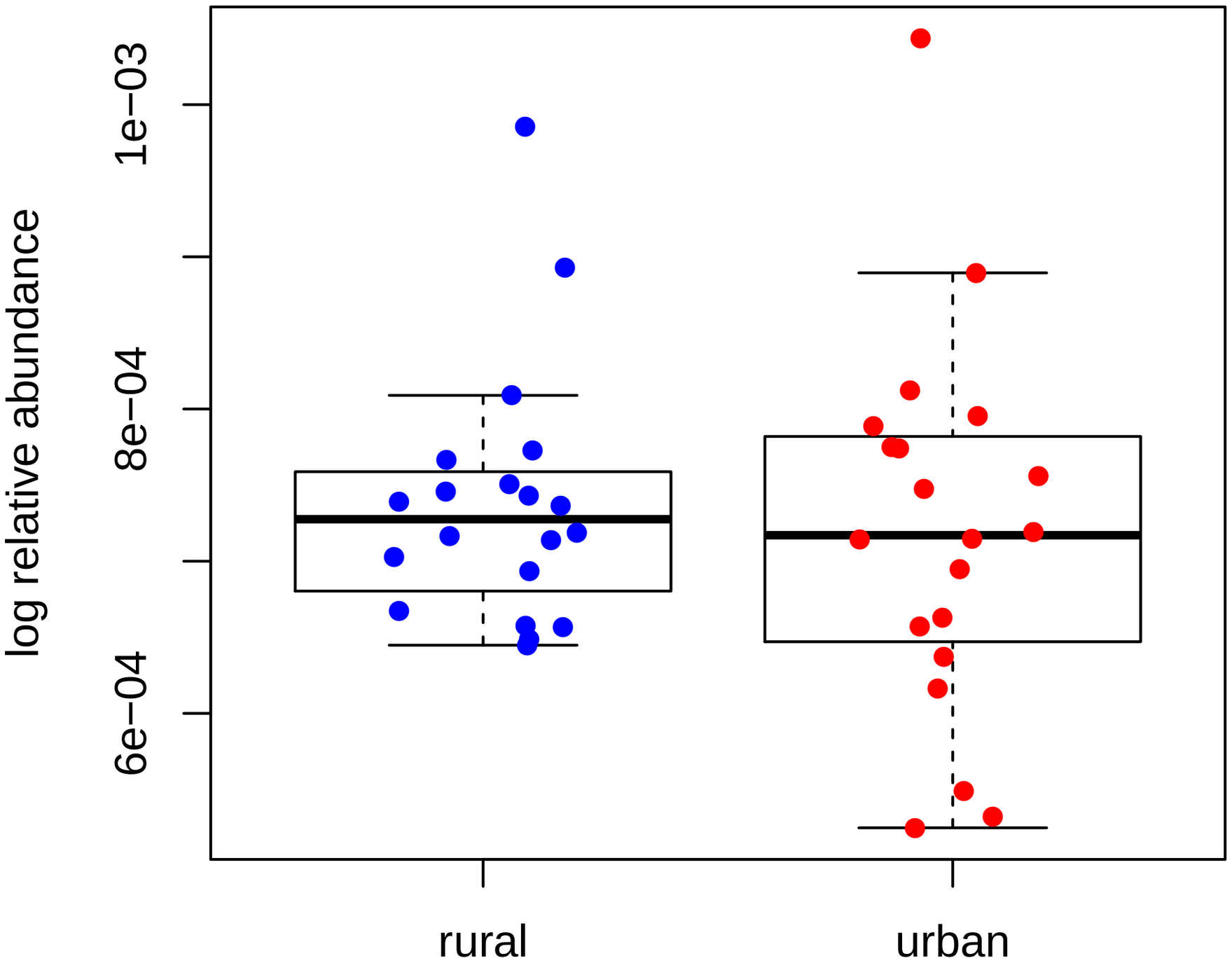

WGS pathway: ko00100
pAdjRuralUrban= 0.708
log relative abundance
0.00040
0.00050
0.00060
rural
urban

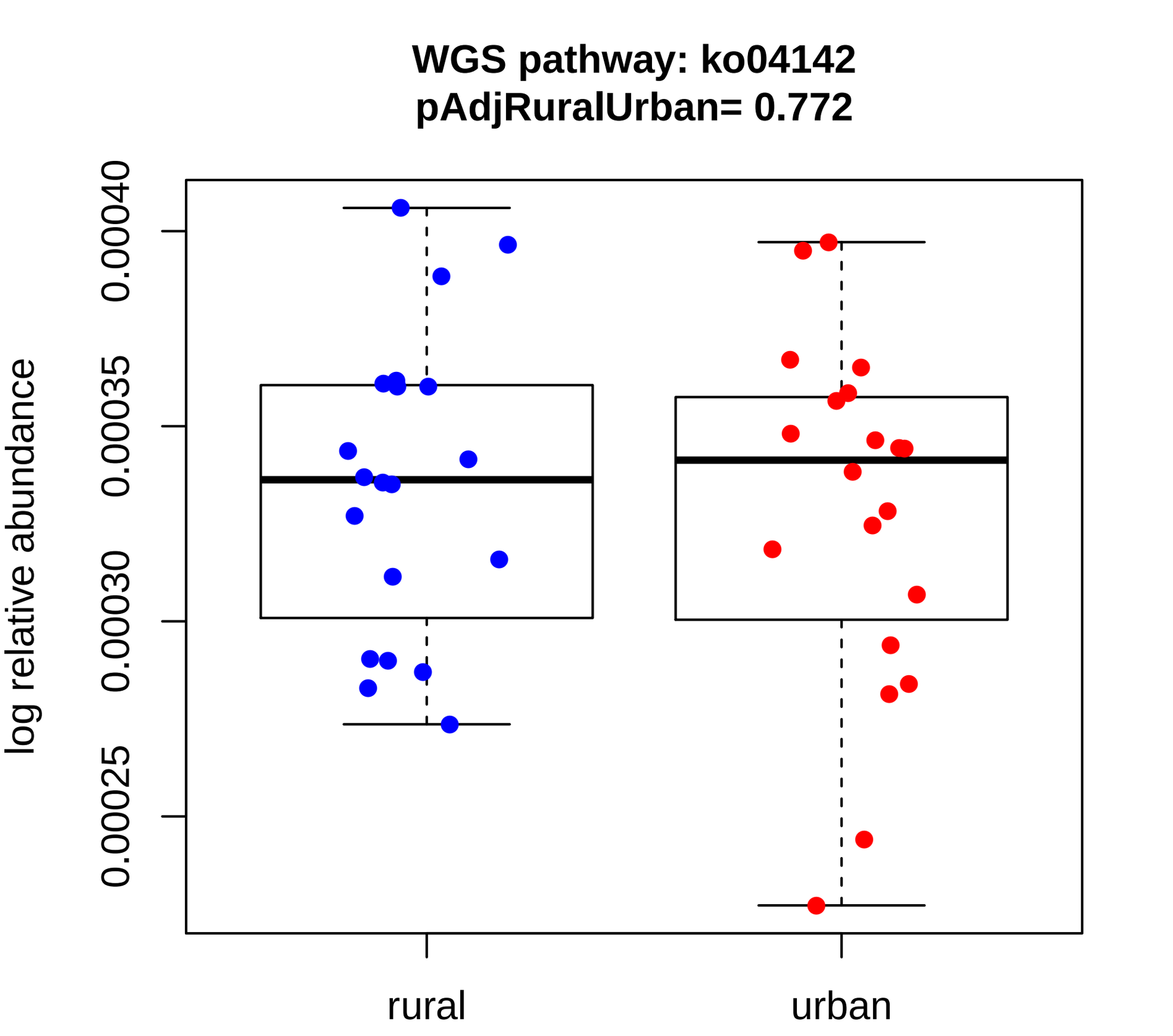

WGS pathway: ko00312
pAdjRuralUrban= 0.717
log relative abundance
0.0002
0.0006
0.0010
rural
urban

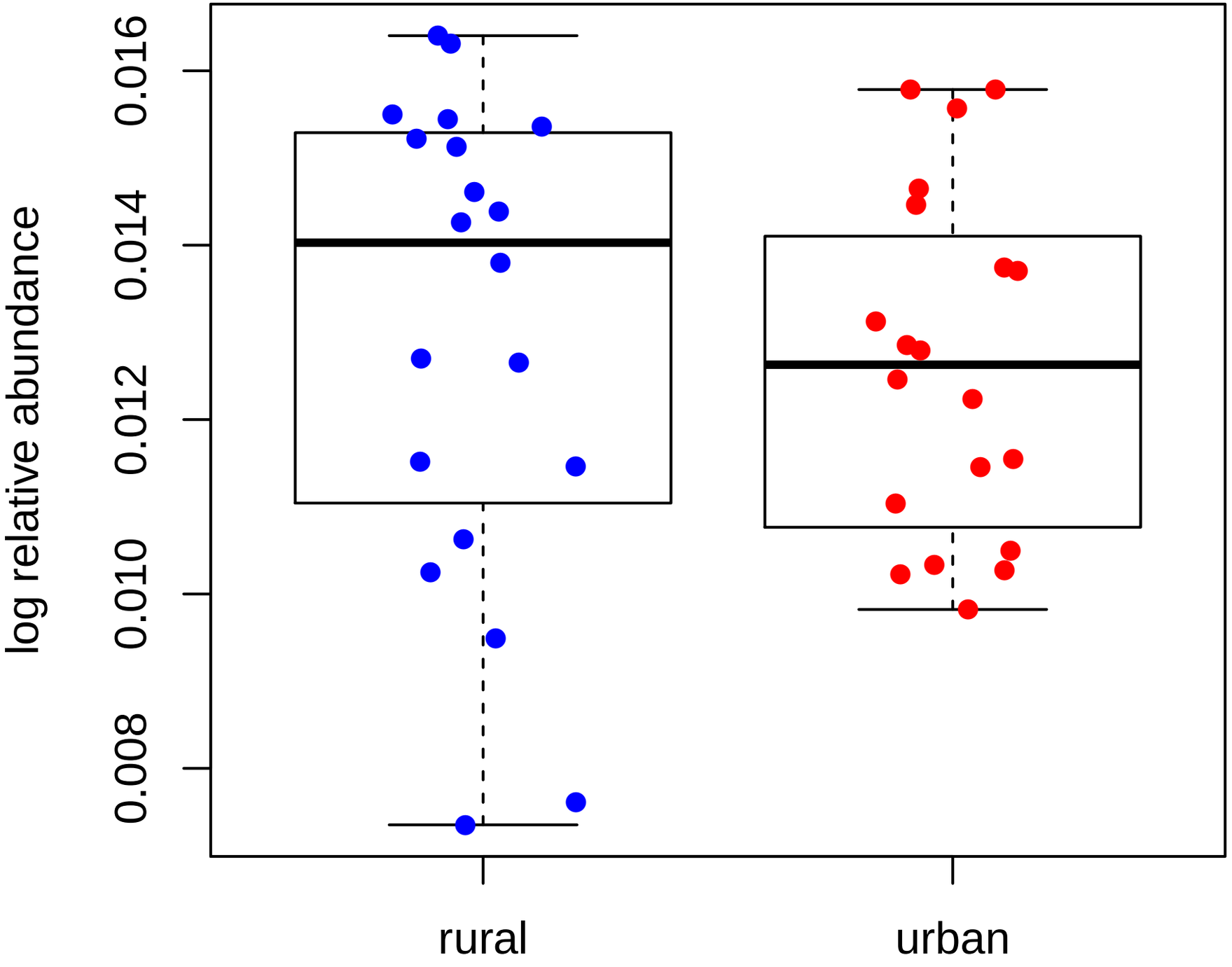

WGS pathway: ko00966
pAdjRuralUrban= 0.744
log relative abundance
0.0e+00
4.0e−06
8.0e−06
1.2e−05
rural
urban

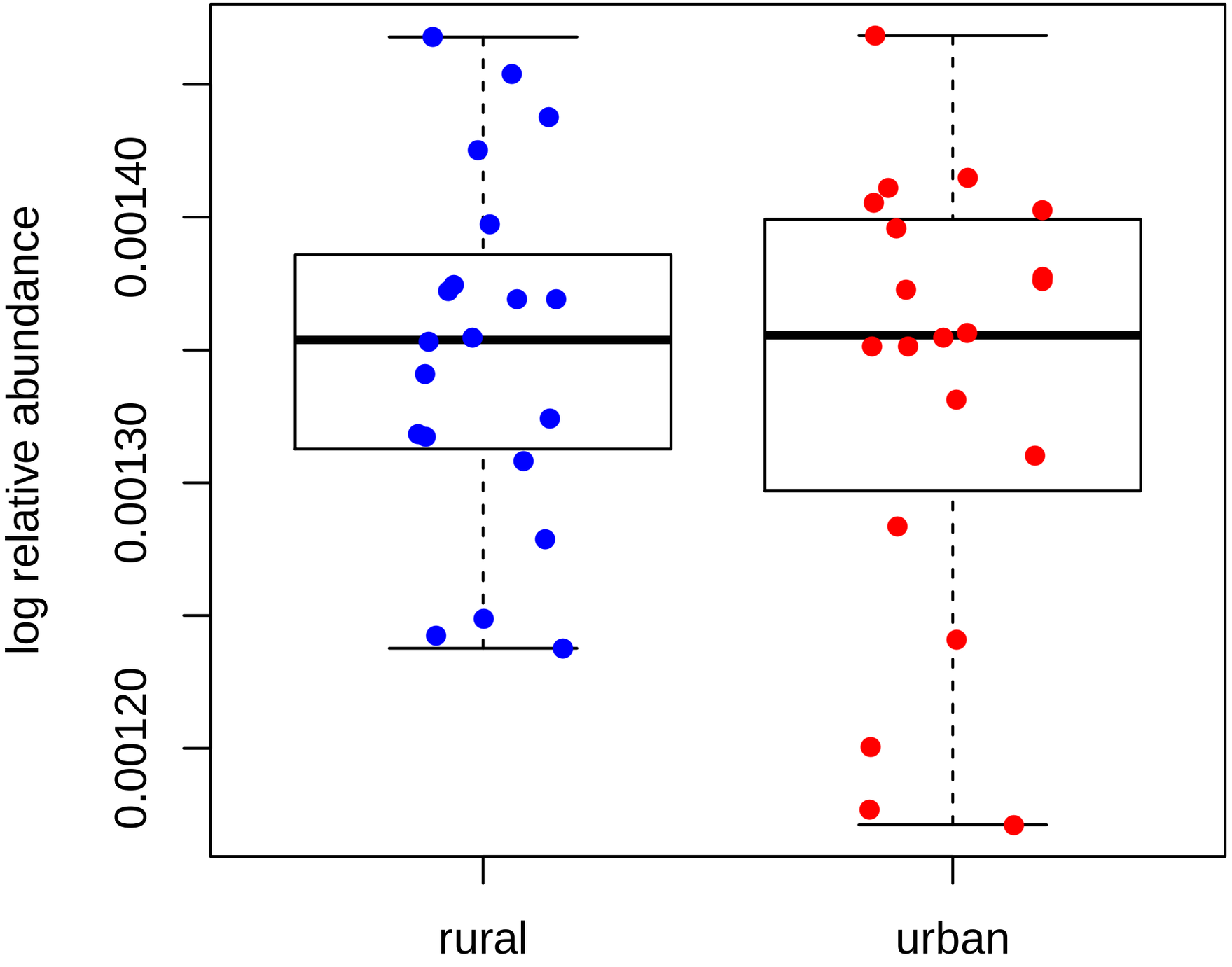

WGS pathway: ko00791
pAdjRuralUrban= 0.744
log relative abundance
0.0006
0.0008
0.0010
rural
urban

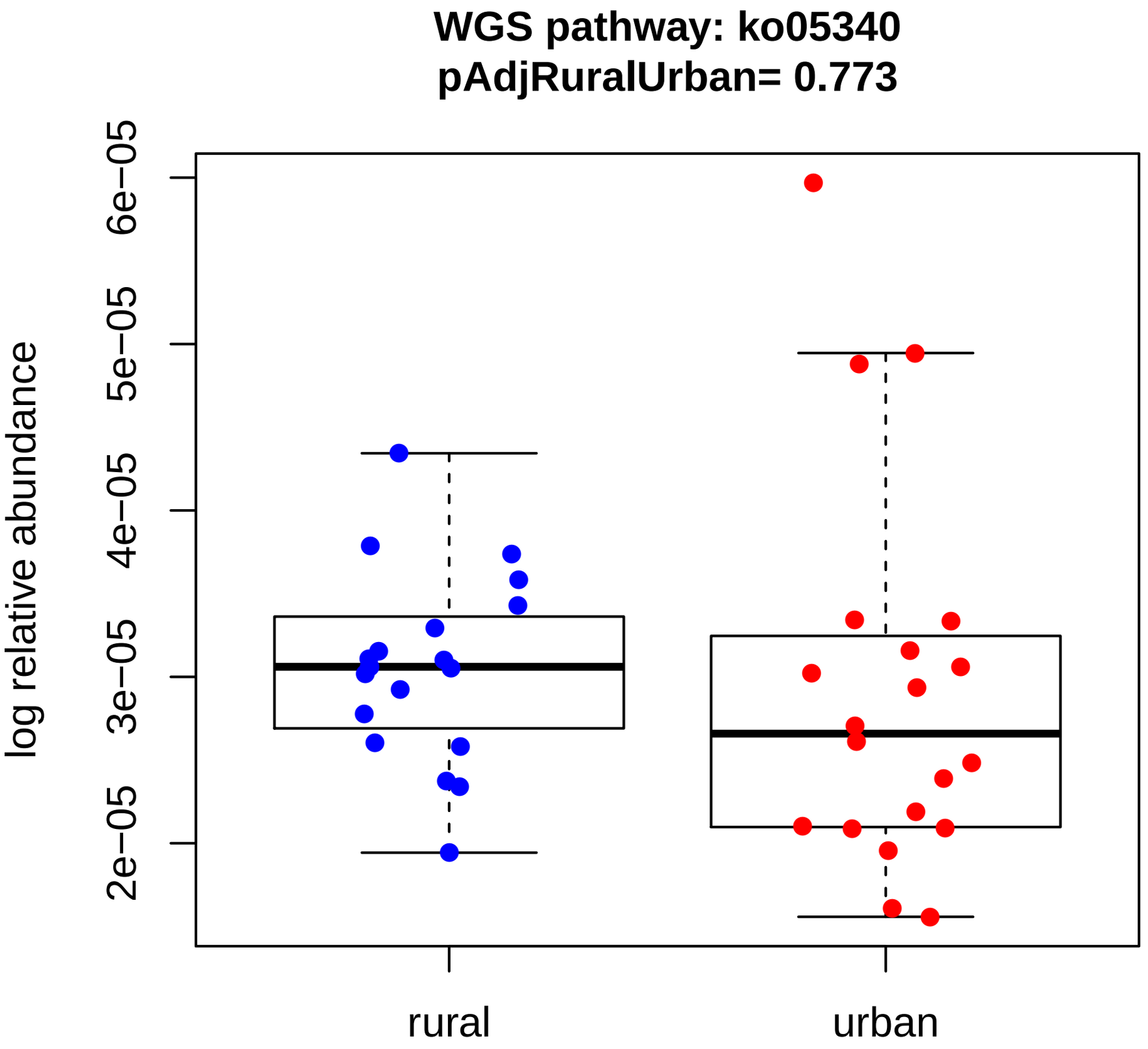

WGS pathway: ko04950
pAdjRuralUrban= 0.744
log relative abundance
3e−05
5e−05
7e−05
rural
urban

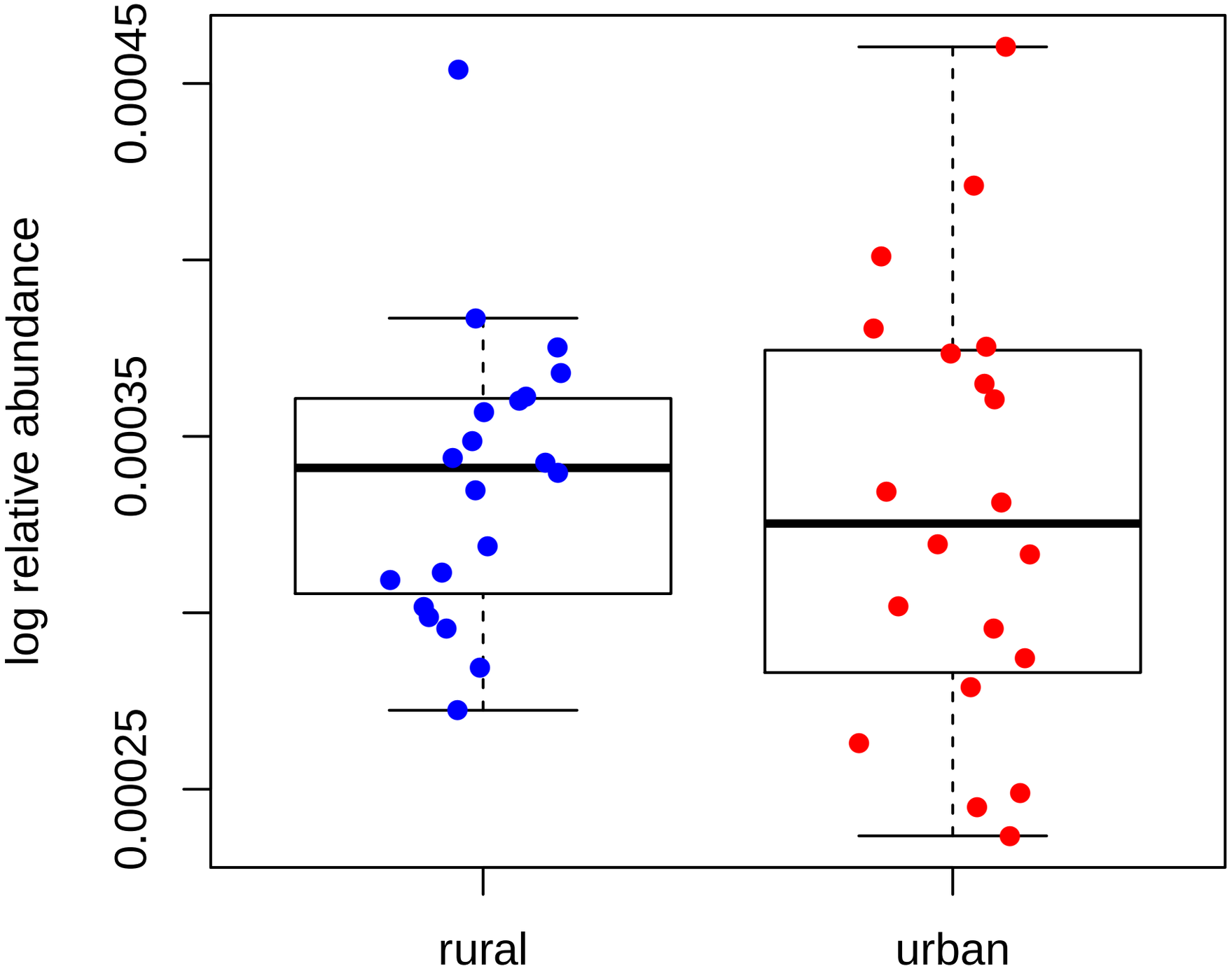

WGS pathway: ko03022
pAdjRuralUrban= 0.753
log relative abundance
1e−03
8e−04
6e−04
rural
urban

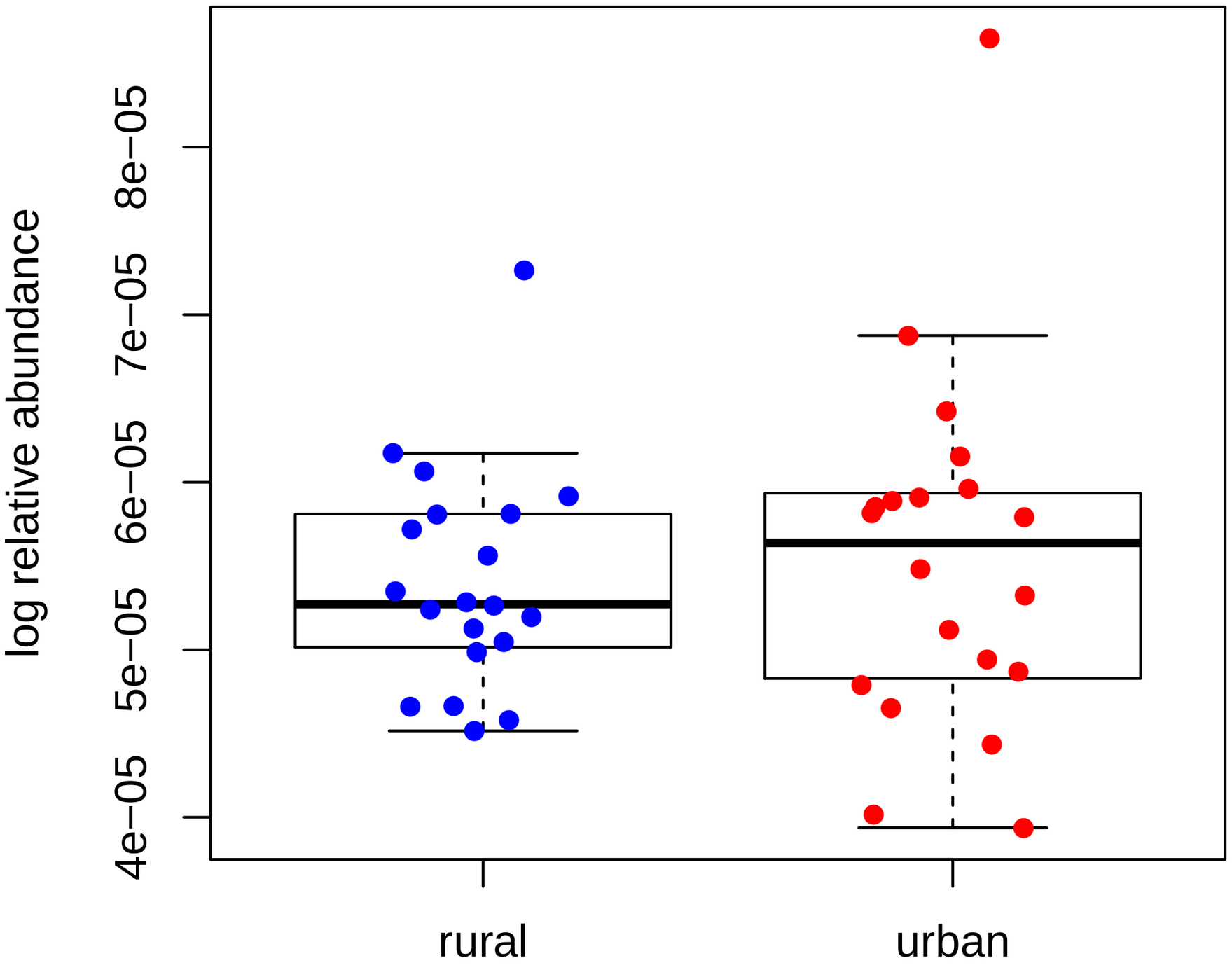

WGS pathway: ko04142
pAdjRuralUrban= 0.772
log relative abundance
0.00040
0.00035
0.00030
0.00025
rural
urban

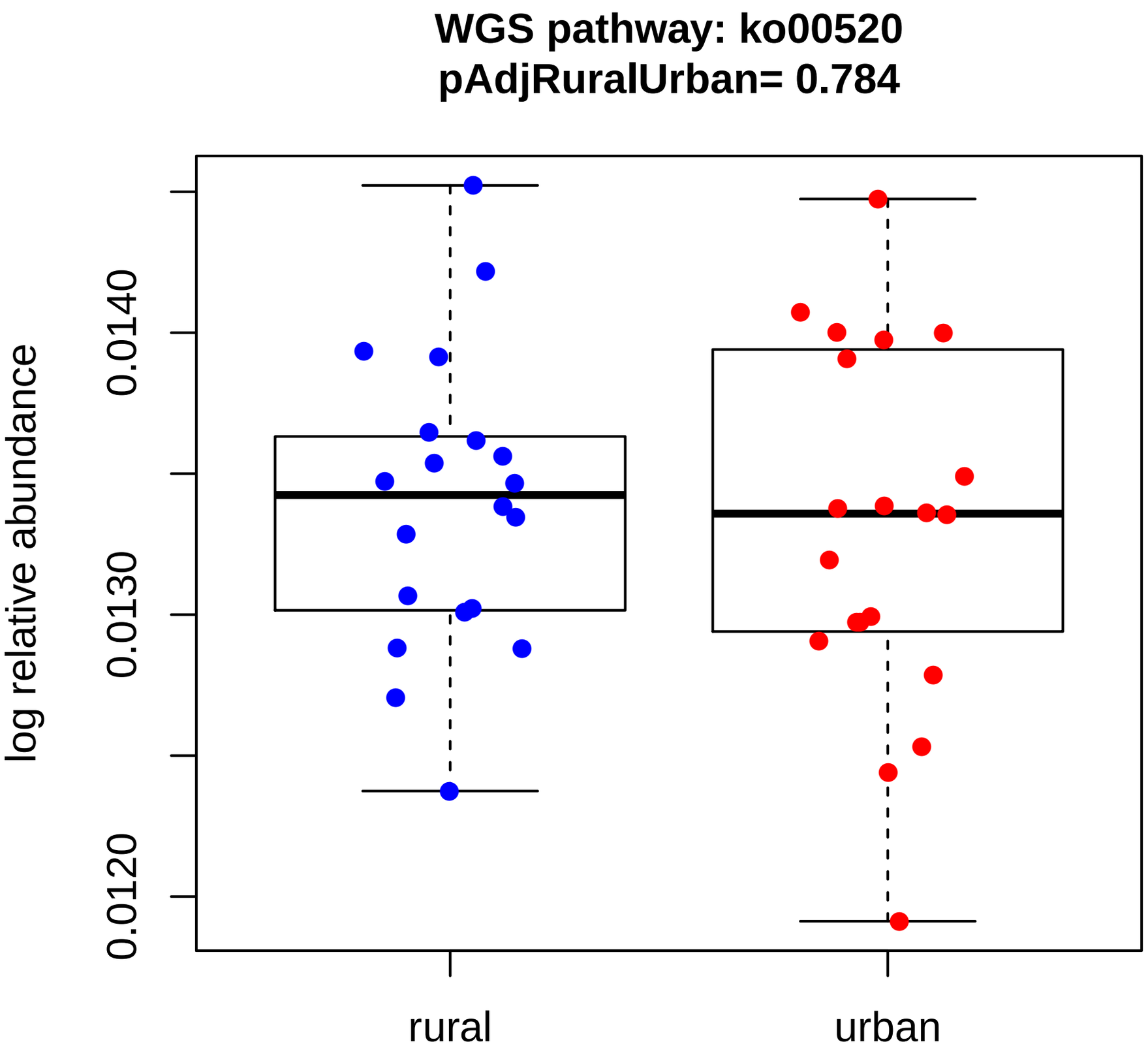

WGS pathway: ko00540
pAdjRuralUrban= 0.772
log relative abundance
0.008
0.010
0.012
0.014
0.016
rural
urban

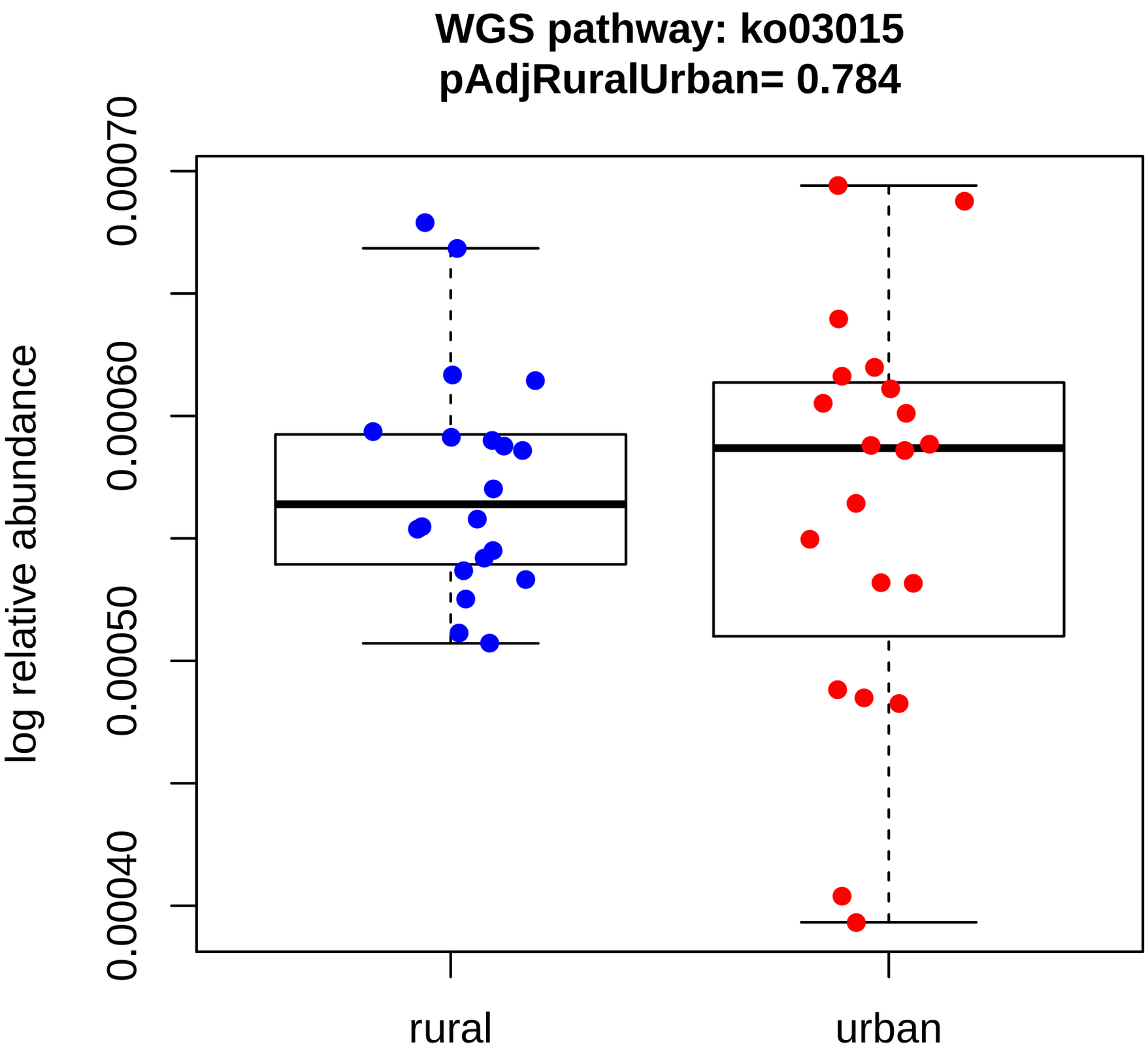

WGS pathway: ko03013
pAdjRuralUrban= 0.773
log relative abundance
0.00120
0.00130
0.00140
rural
urban

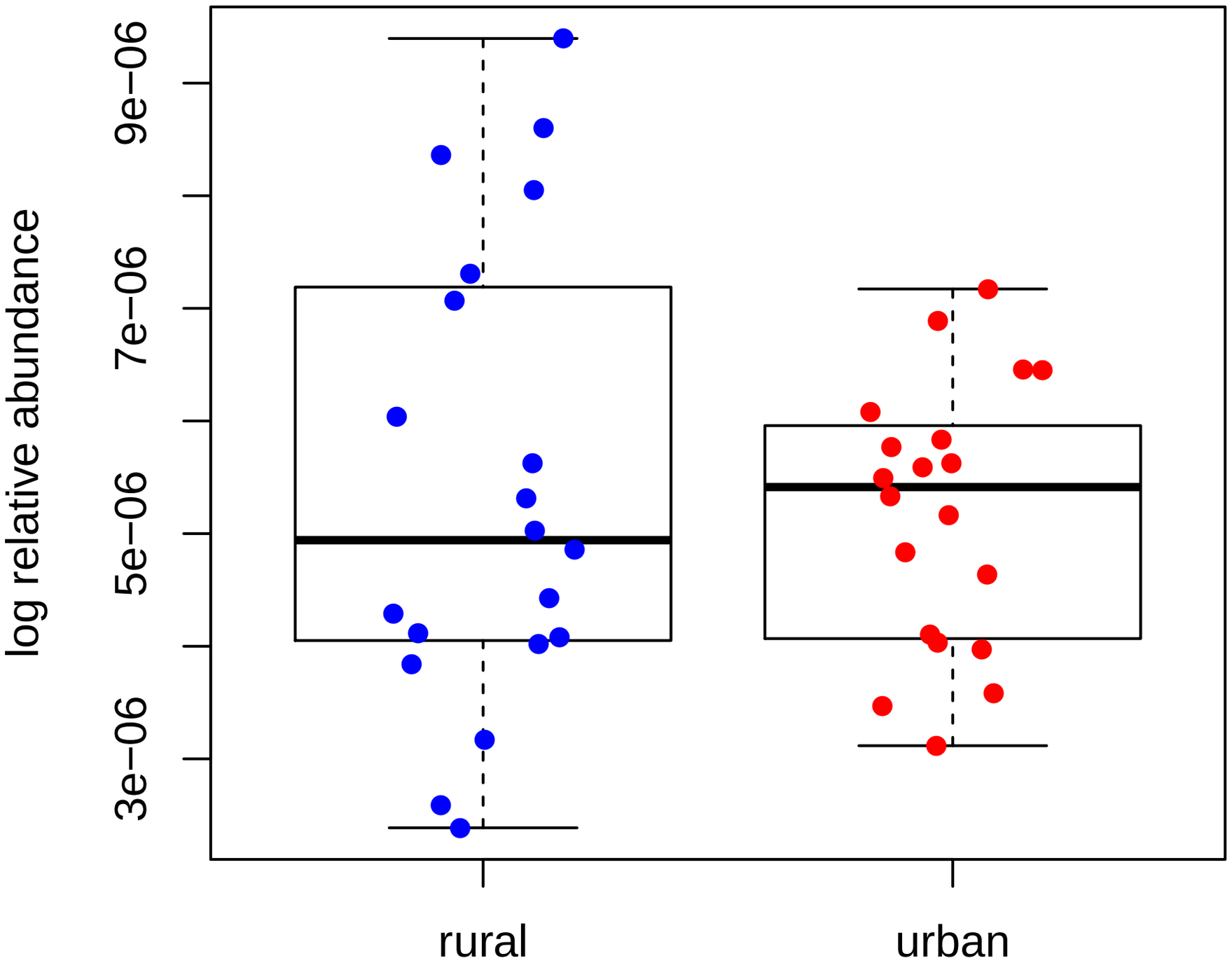

WGS pathway: ko05340
pAdjRuralUrban= 0.773
log relative abundance
2e−05
3e−05
4e−05
5e−05
6e−05
rural
urban

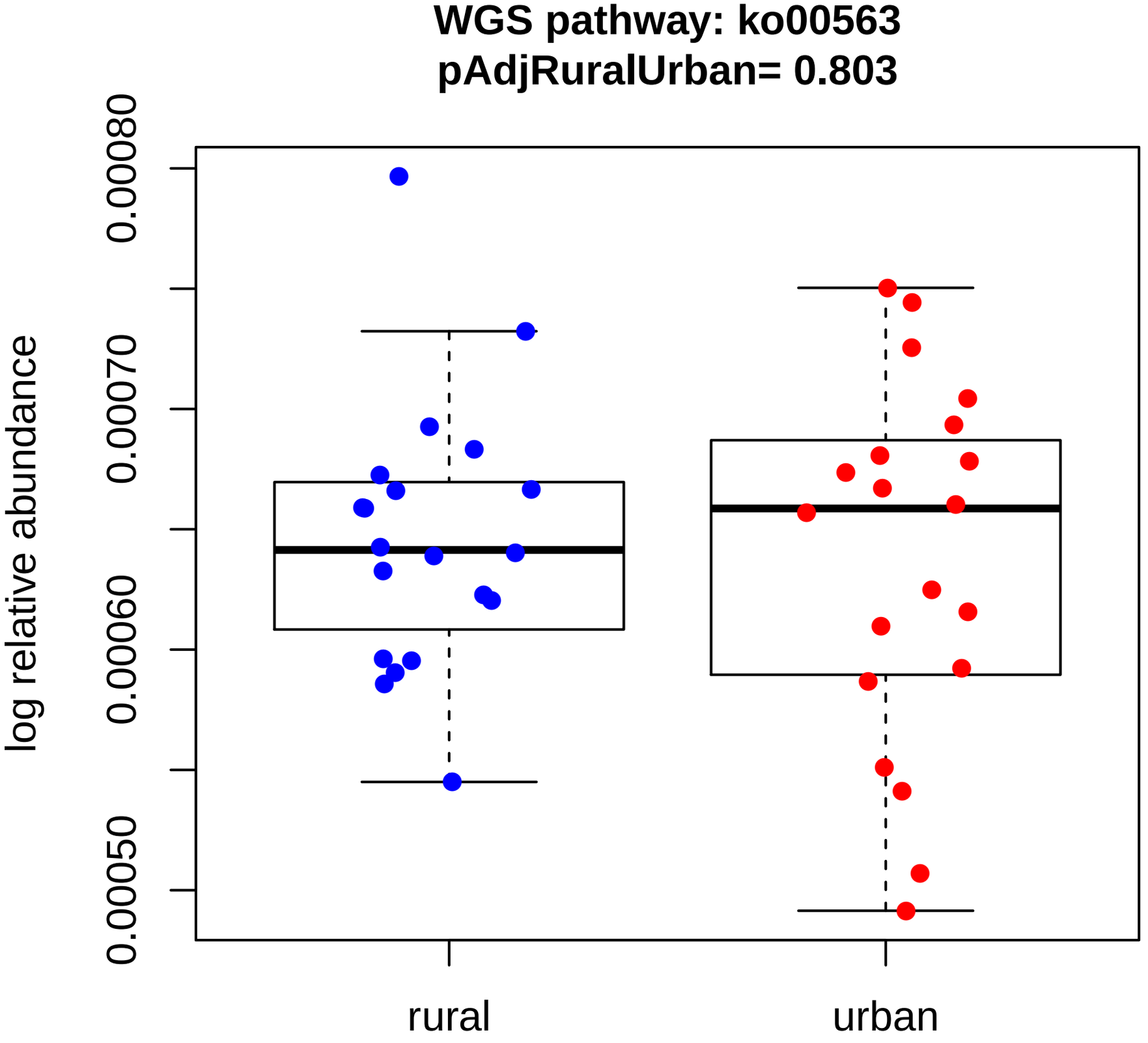

WGS pathway: ko03450
pAdjRuralUrban= 0.773
log relative abundance
0.00045
0.00035
0.00025
rural
urban

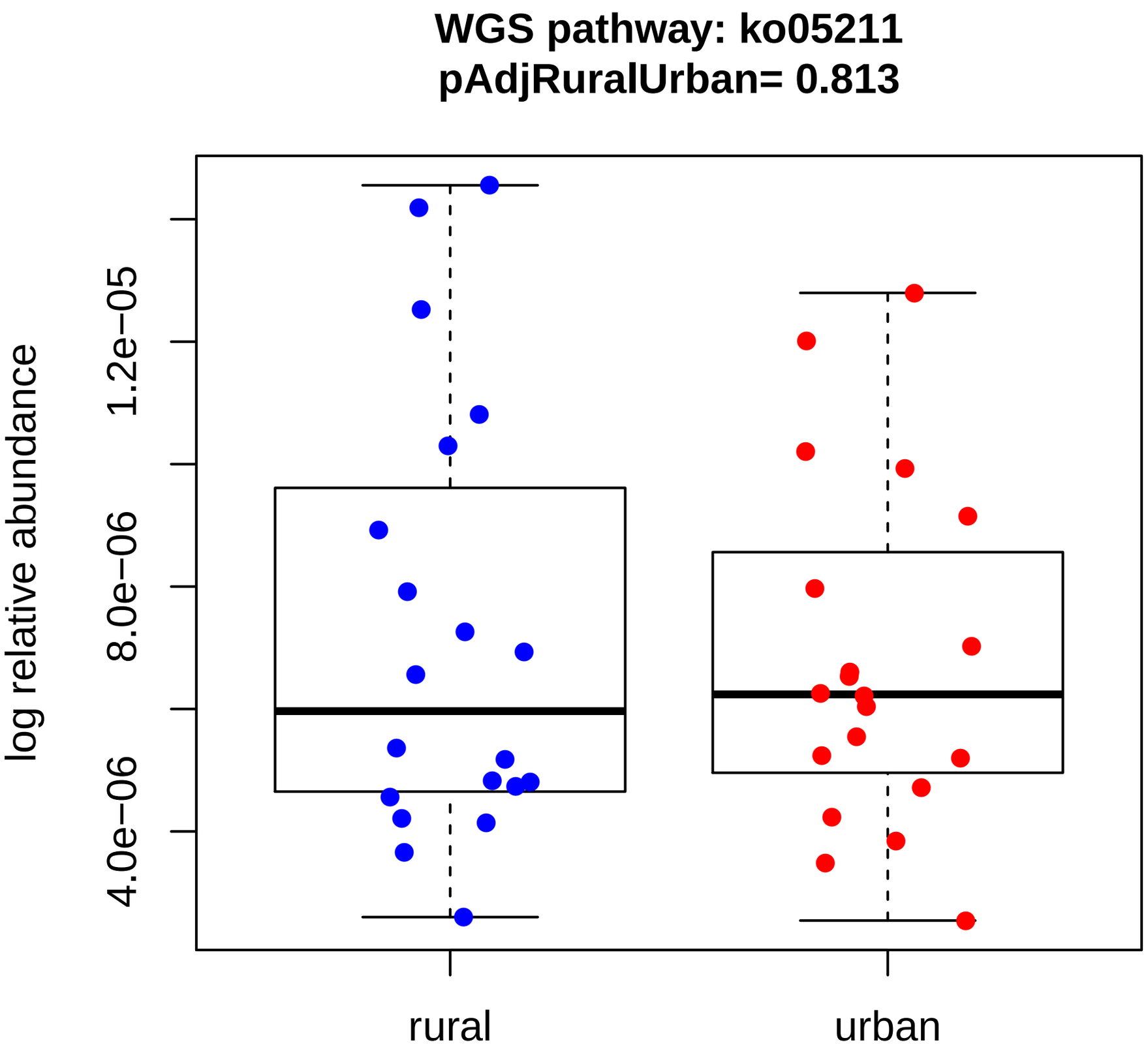

WGS pathway: ko05322
pAdjRuralUrban= 0.784
log relative abundance
4e−05
5e−05
6e−05
7e−05
8e−05
rural
urban

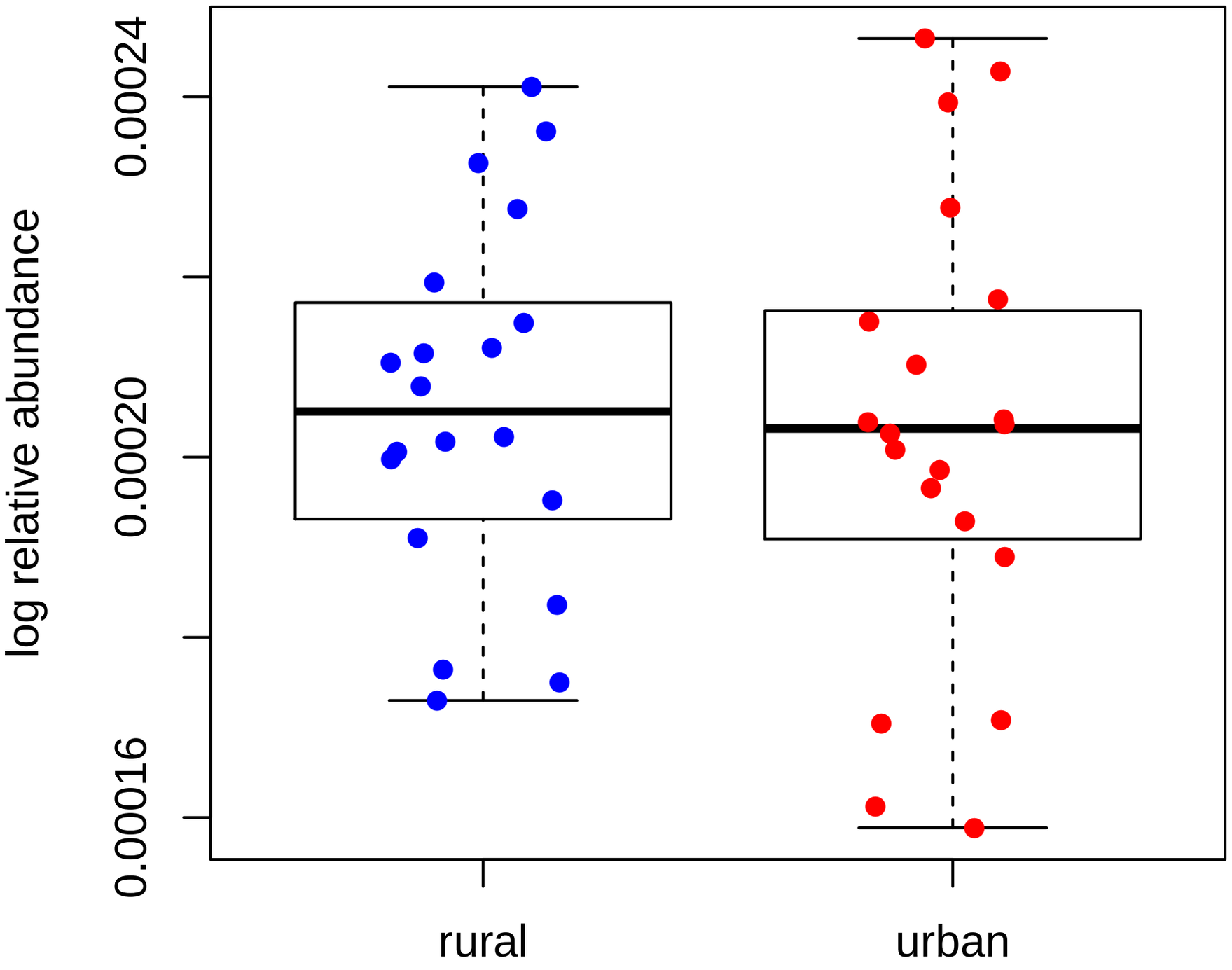

WGS pathway: ko00520
pAdjRuralUrban= 0.784
log relative abundance
0.01120
0.01130
0.01140
rural
urban

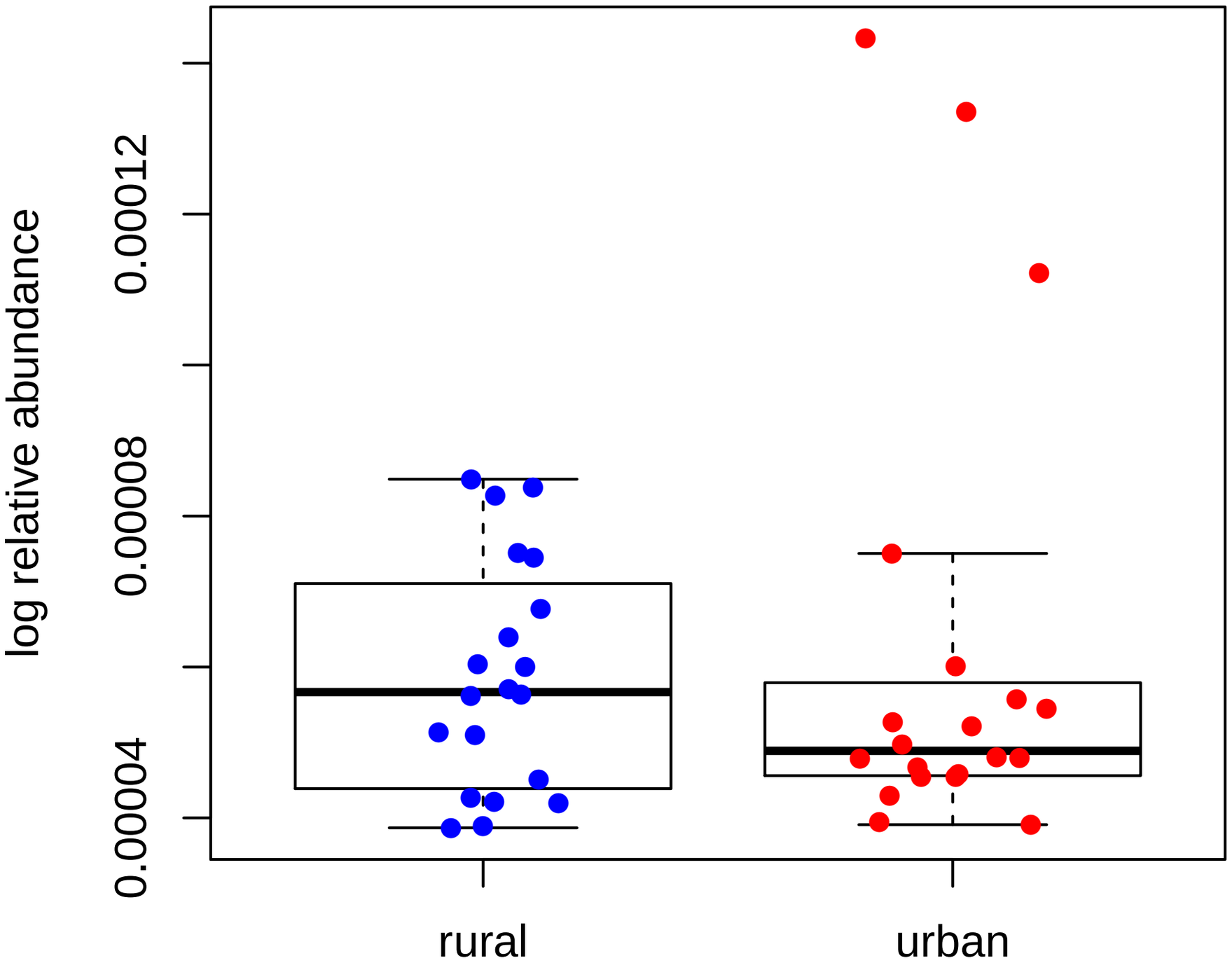

WGS pathway: ko03015
pAdjRuralUrban= 0.784
log relative abundance
0.00070
0.00060
0.00050
0.00040
rural
urban

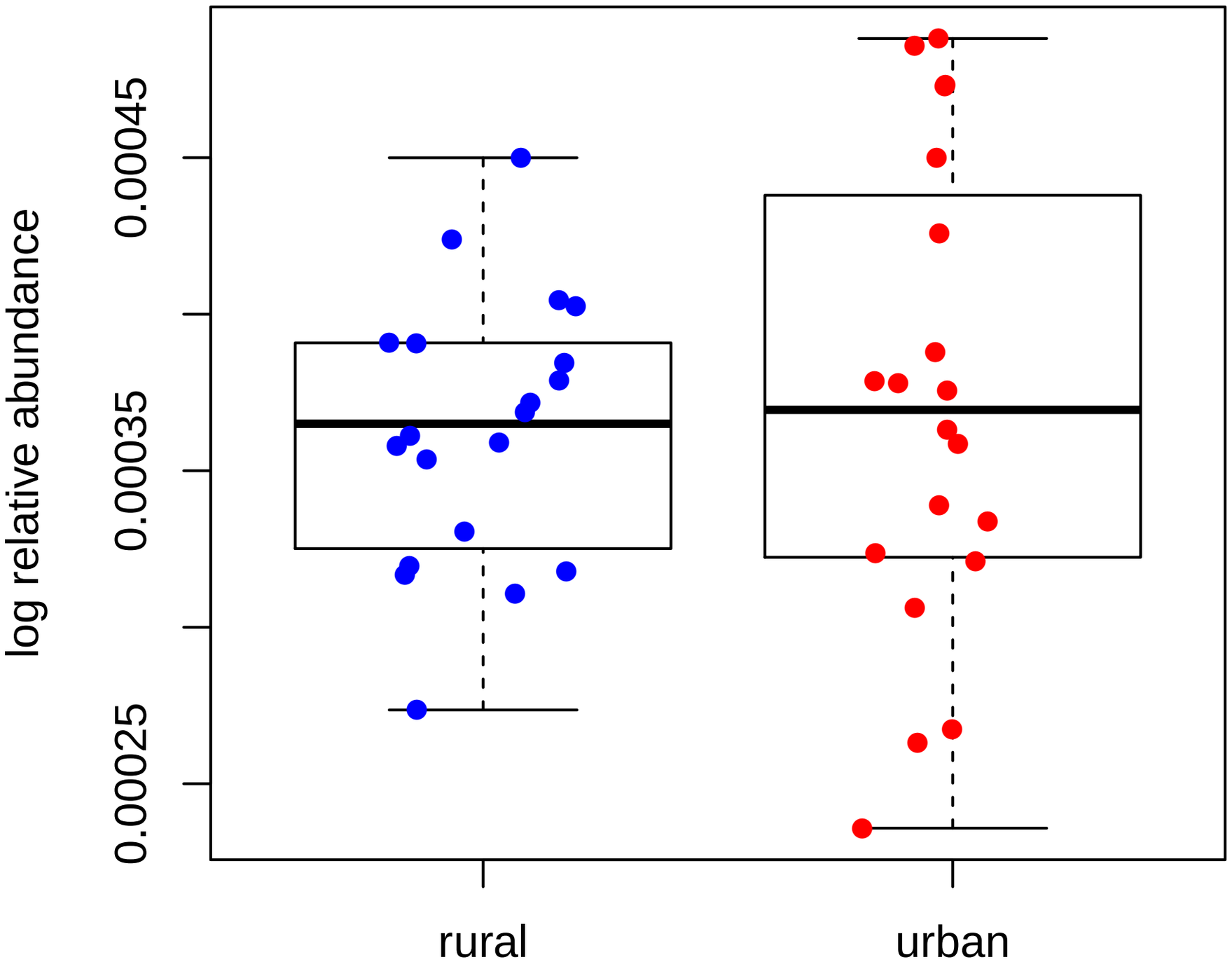

WGS pathway: ko04666
pAdjRuralUrban= 0.784
log relative abundance
3e−06
5e−06
7e−06
9e−06
rural
urban

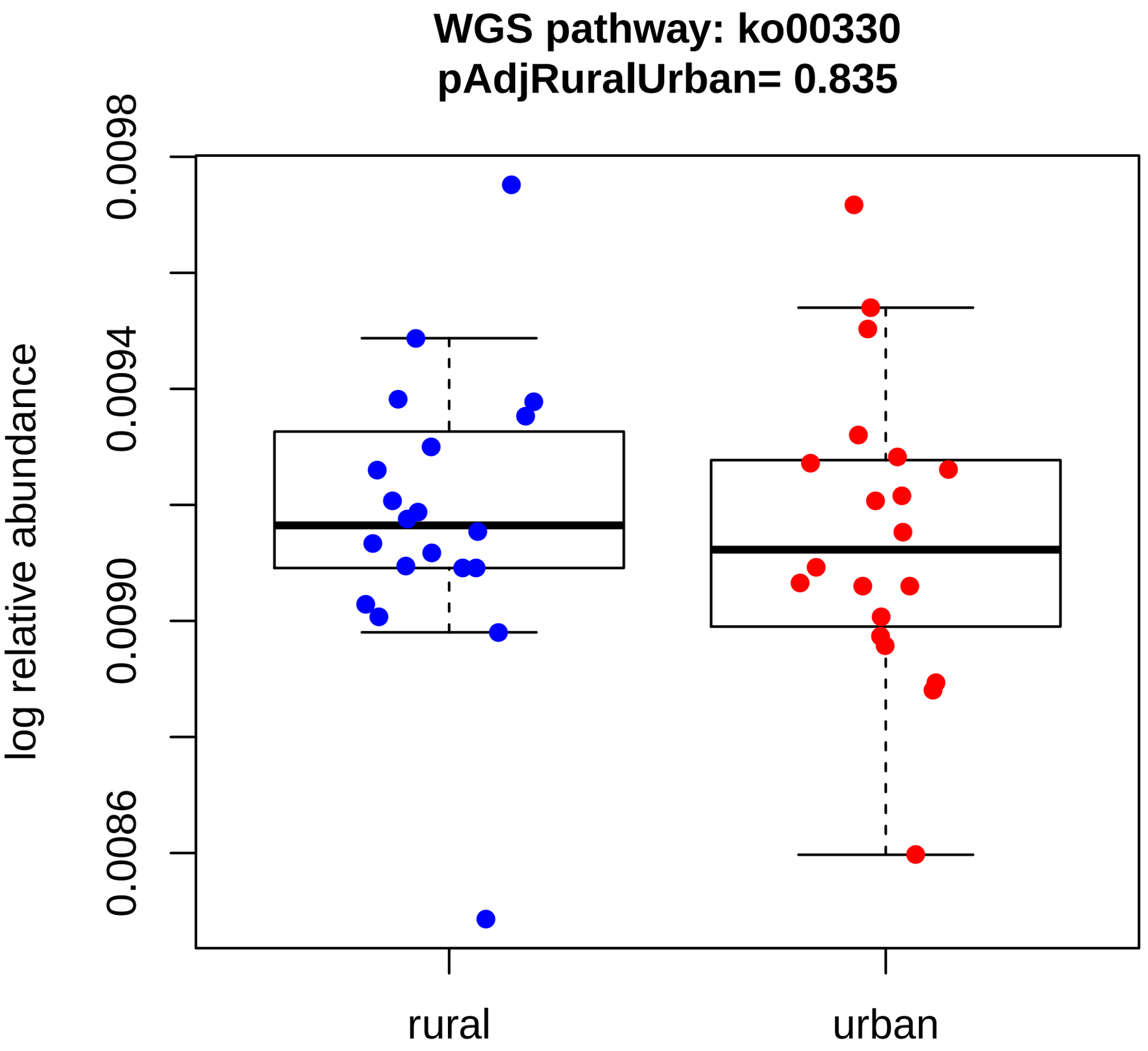

WGS pathway: ko00563
pAdjRuralUrban= 0.803
log relative abundance
0.00080
0.00070
0.00060
0.00050
rural
urban

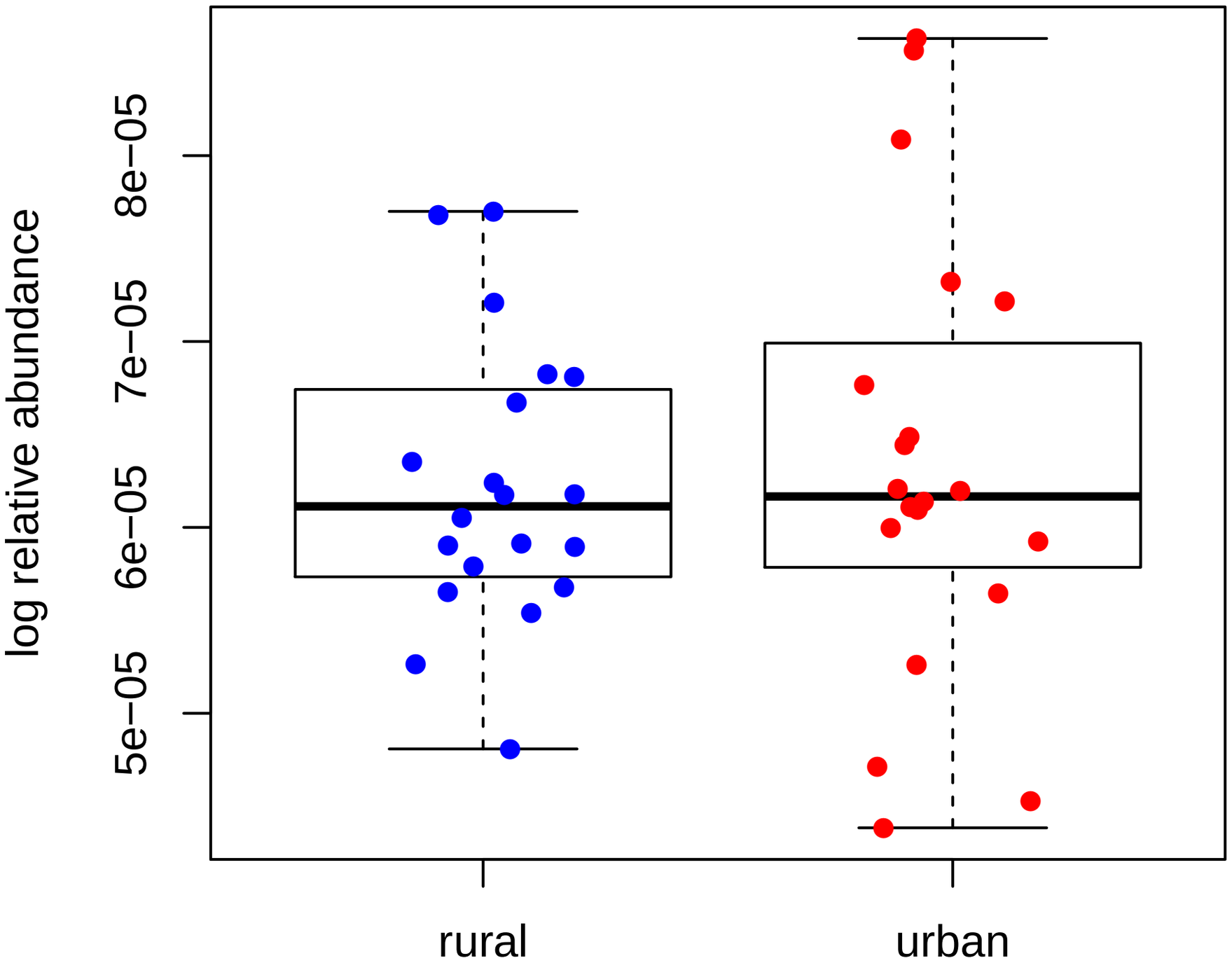

WGS pathway: ko05211
pAdjRuralUrban= 0.813
log relative abundance
4.0e−06
8.0e−06
1.2e−05
rural
urban

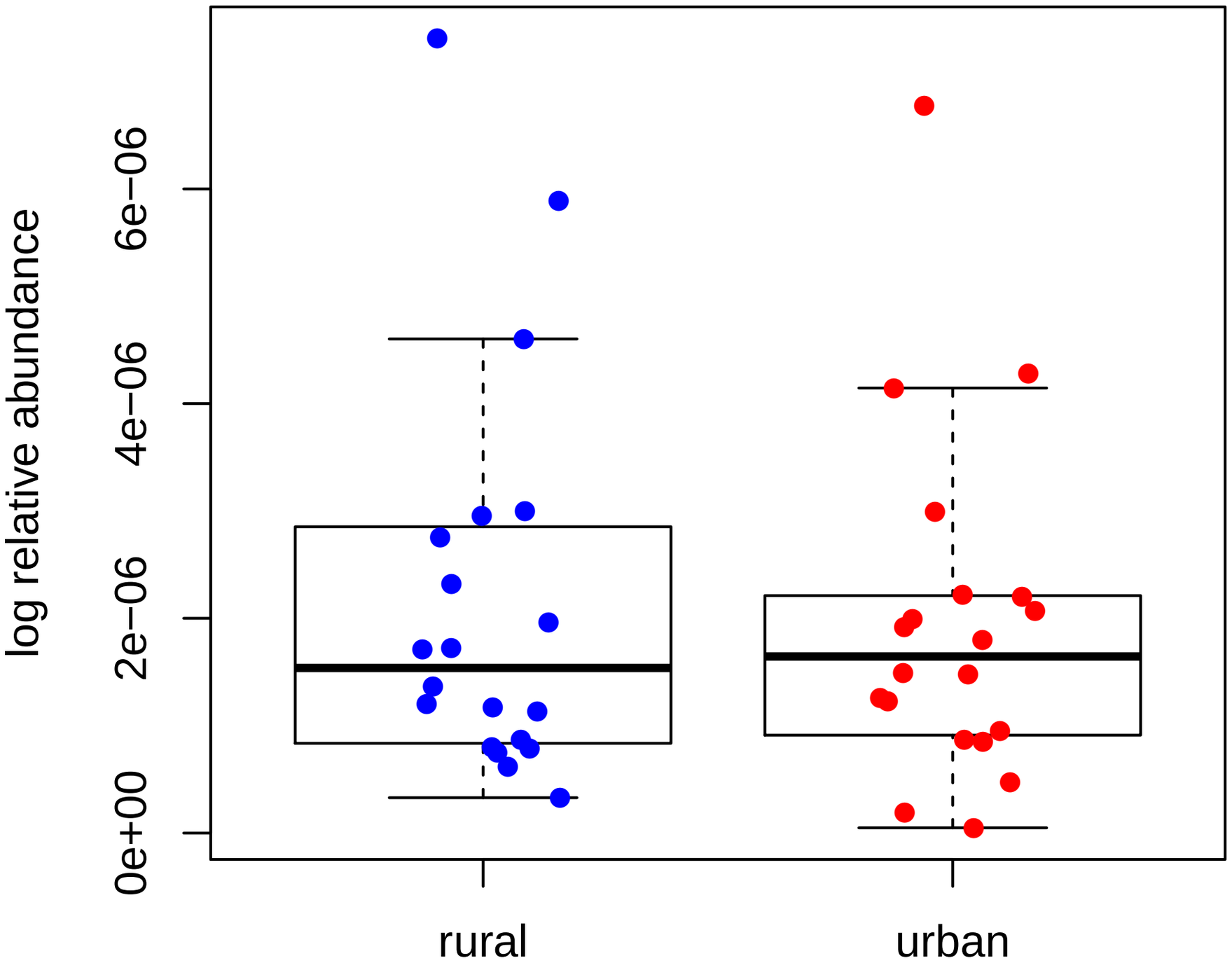

WGS pathway: ko04614
pAdjRuralUrban= 0.813
log relative abundance
0.00024
0.00020
0.00016
rural
urban

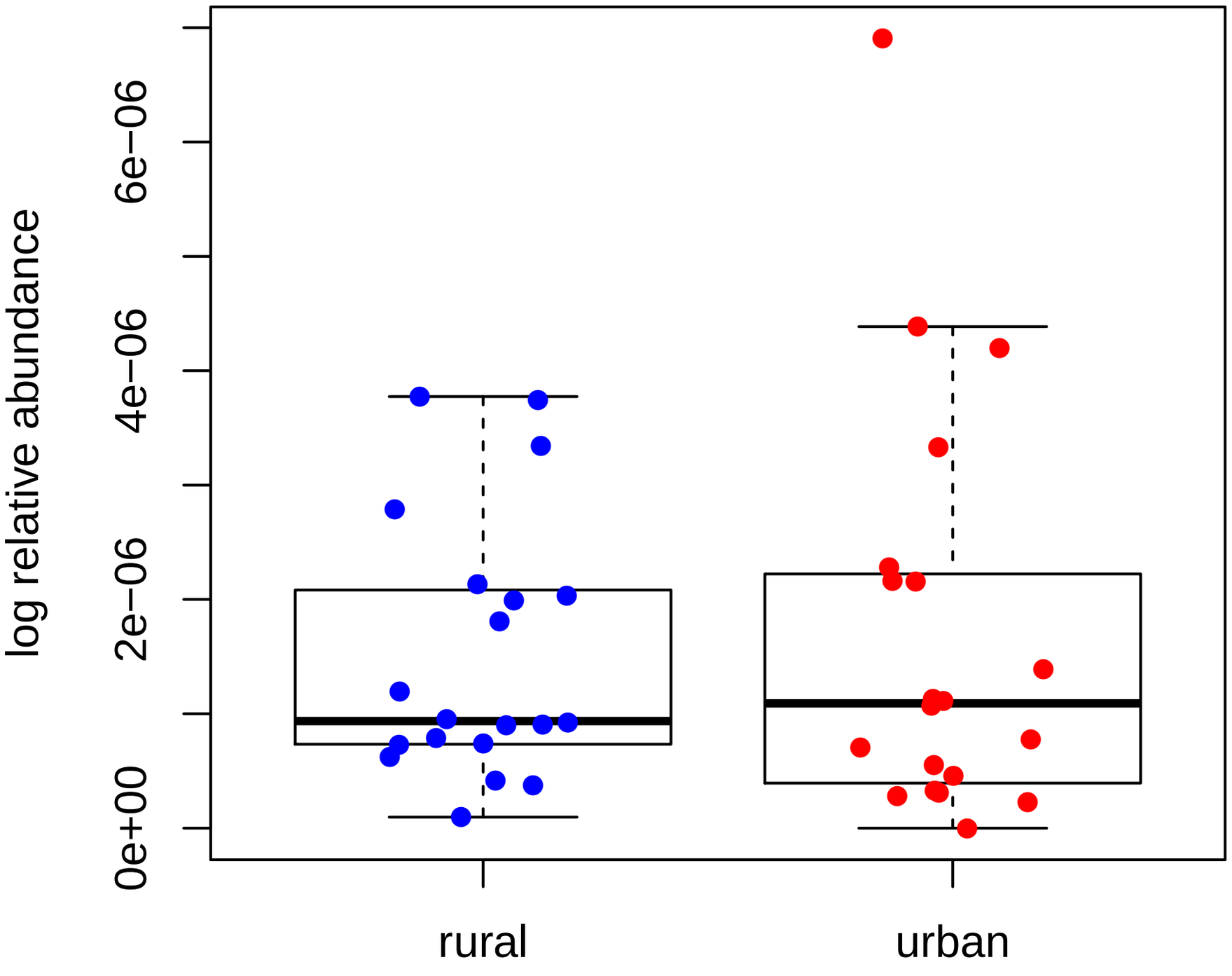

WGS pathway: ko05142
pAdjRuralUrban= 0.813
log relative abundance
0.00004
0.00008
0.00012
rural
urban

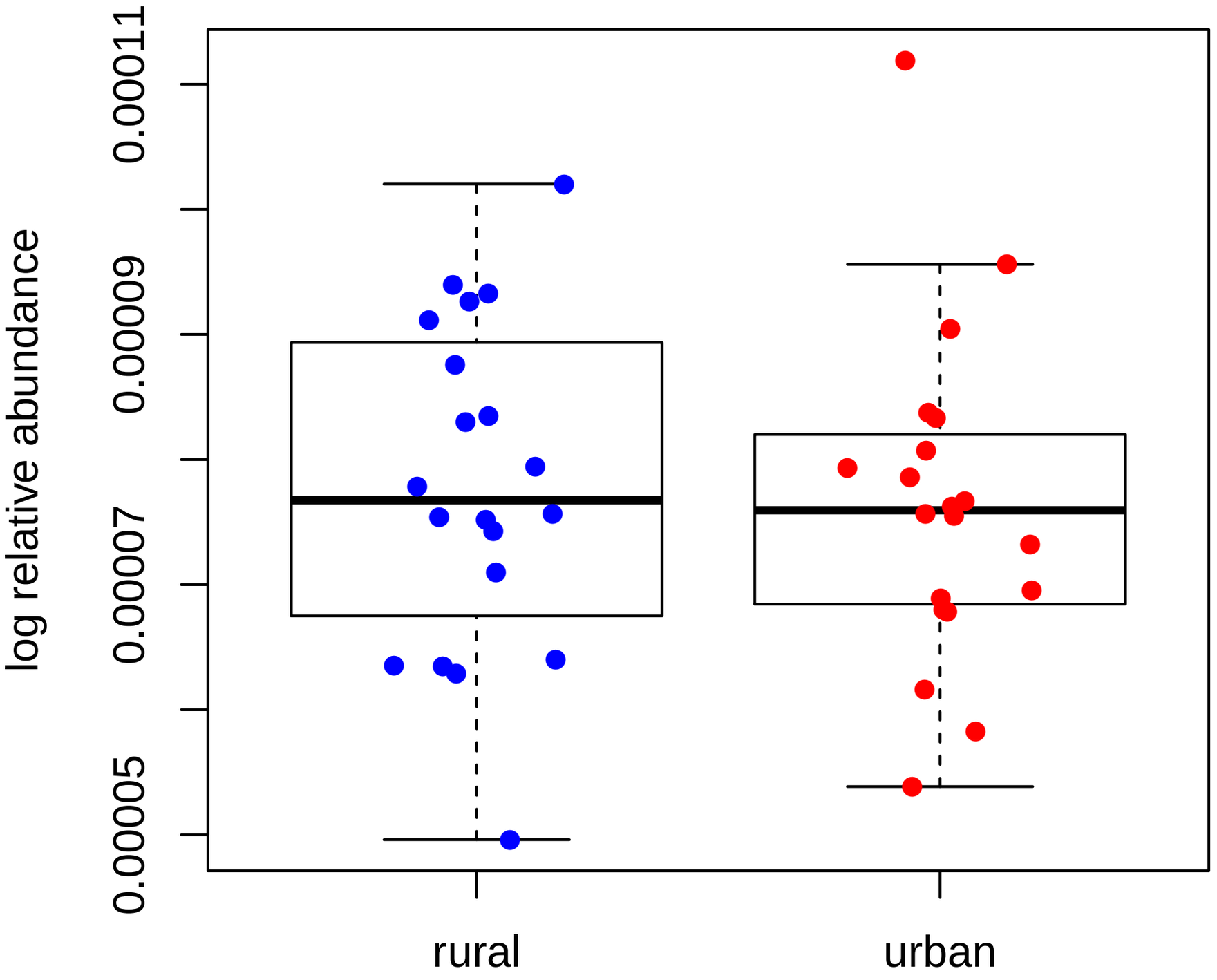

WGS pathway: ko04130
pAdjRuralUrban= 0.813
log relative abundance
0.00045
0.00035
0.00025
rural
urban

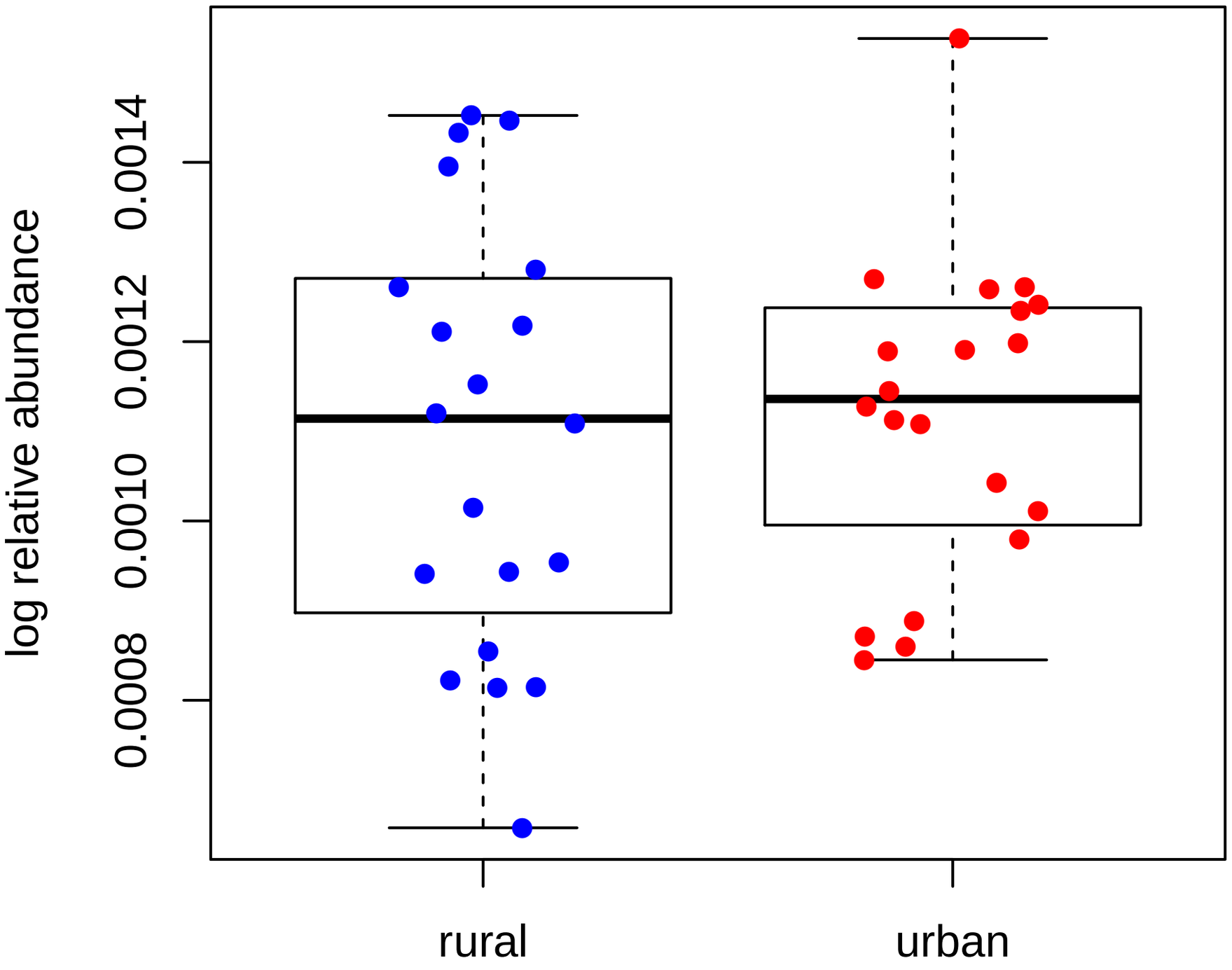

WGS pathway: ko00330
pAdjRuralUrban= 0.835
log relative abundance
0.0098
0.0094
0.0090
0.0086
rural
urban

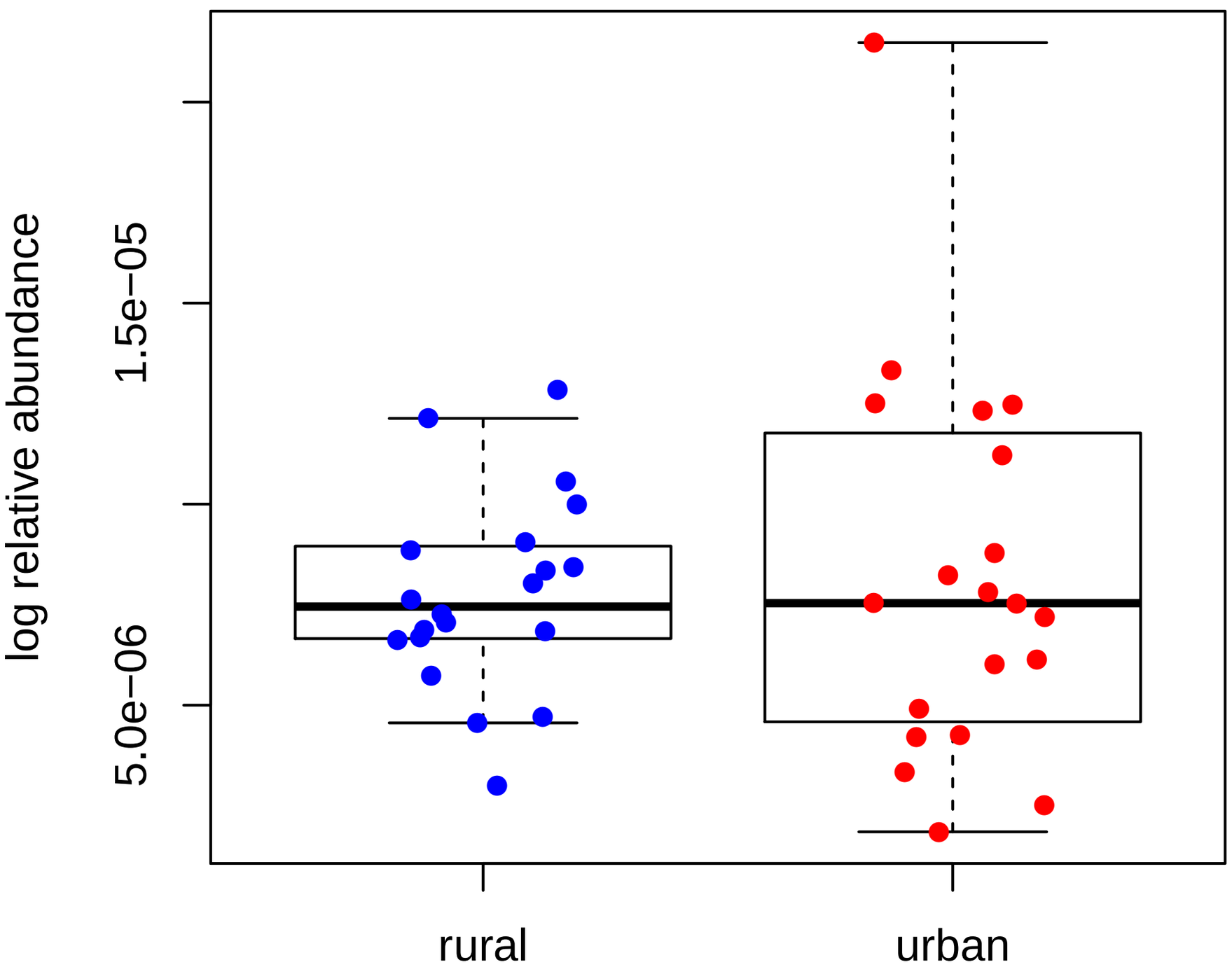

WGS pathway: ko04075
pAdjRuralUrban= 0.836
log relative abundance
5e−05
6e−05
7e−05
8e−05
rural
urban

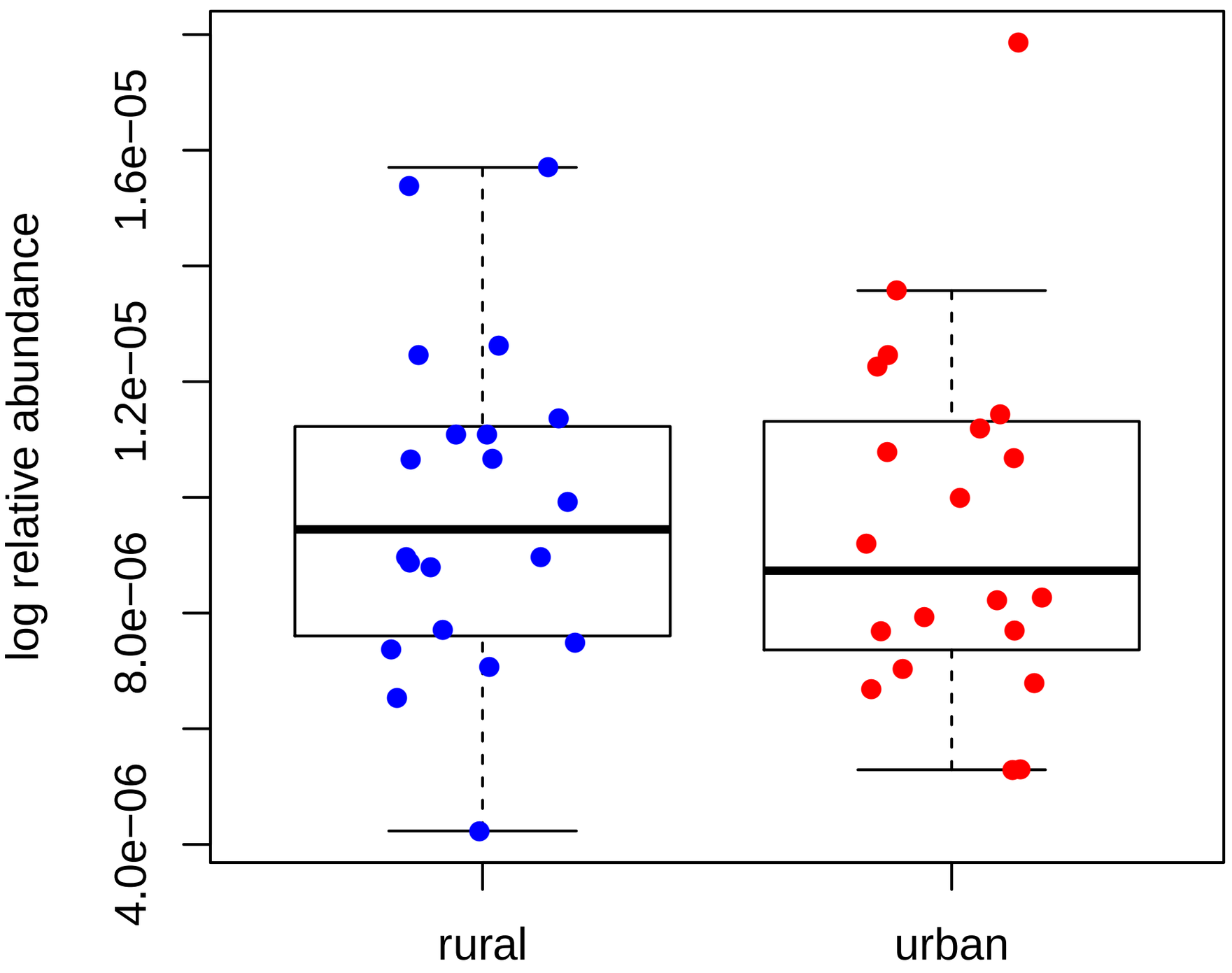

WGS pathway: ko05221
pAdjRuralUrban= 0.836
log relative abundance
0e+00
2e−06
4e−06
6e−06
rural
urban

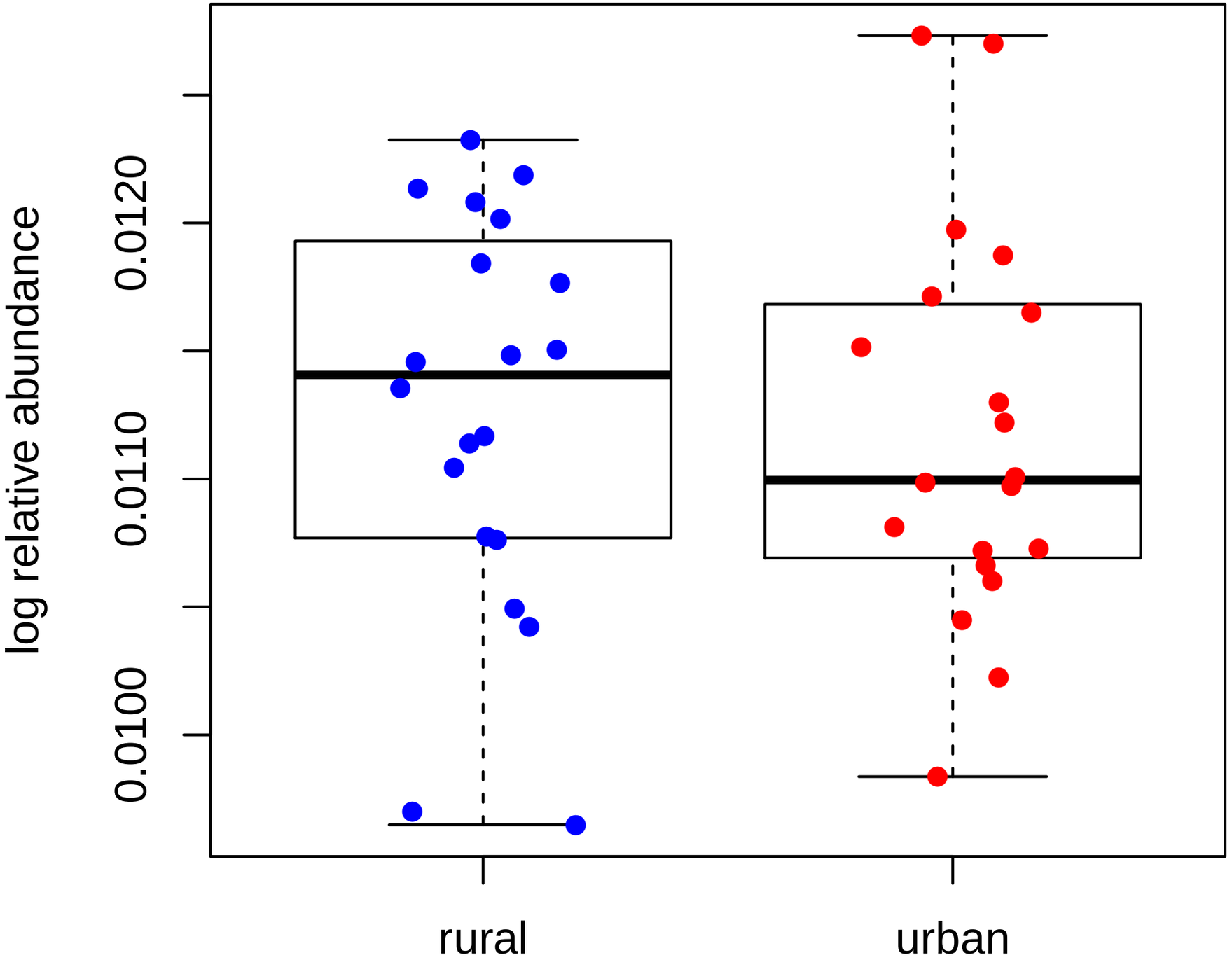

WGS pathway: ko05215
pAdjRuralUrban= 0.836
log relative abundance
0e+00
2e−06
4e−06
6e−06
rural
urban

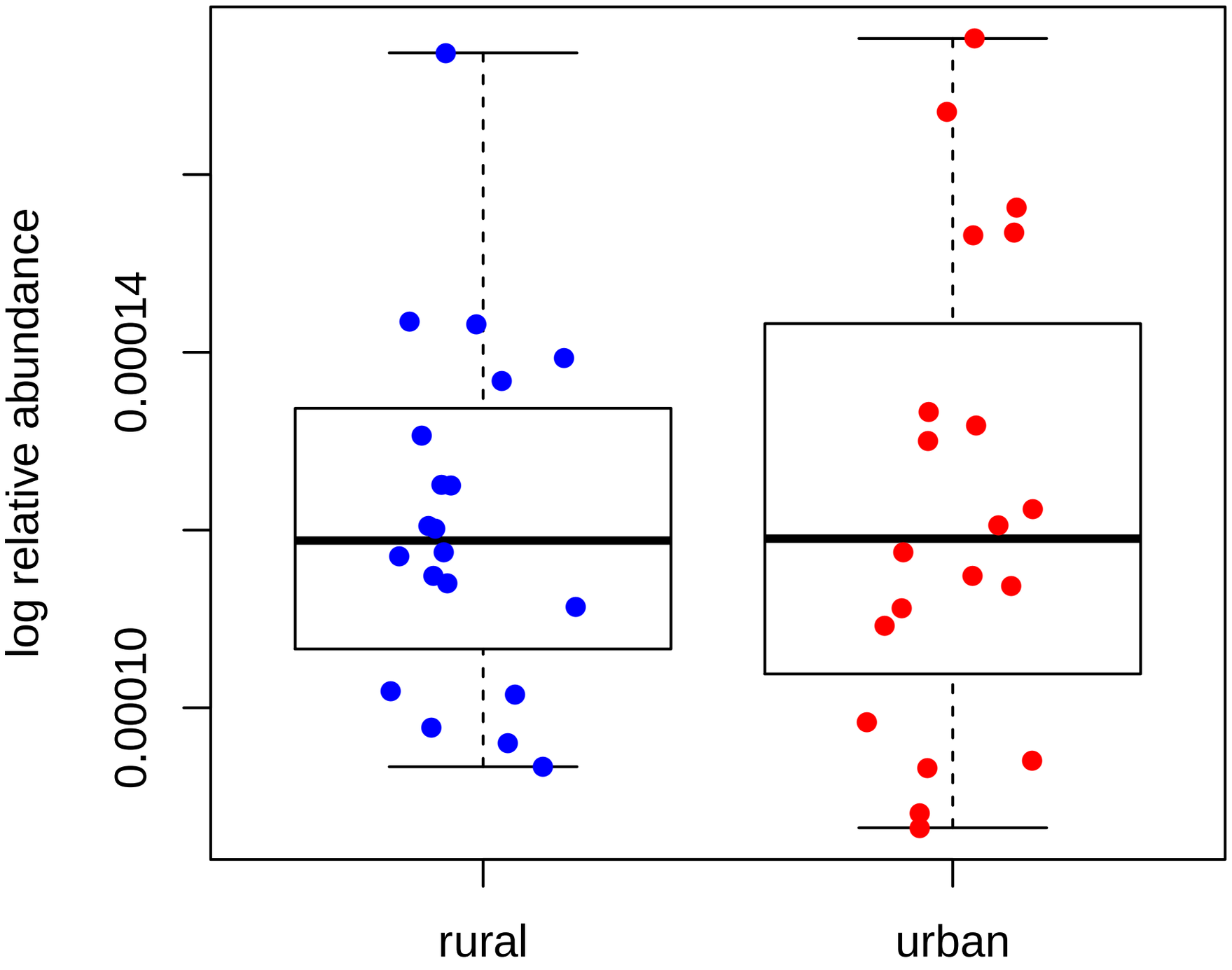

WGS pathway: ko04920
pAdjRuralUrban= 0.836
log relative abundance
0.00005
0.00007
0.00009
0.00011
rural
urban

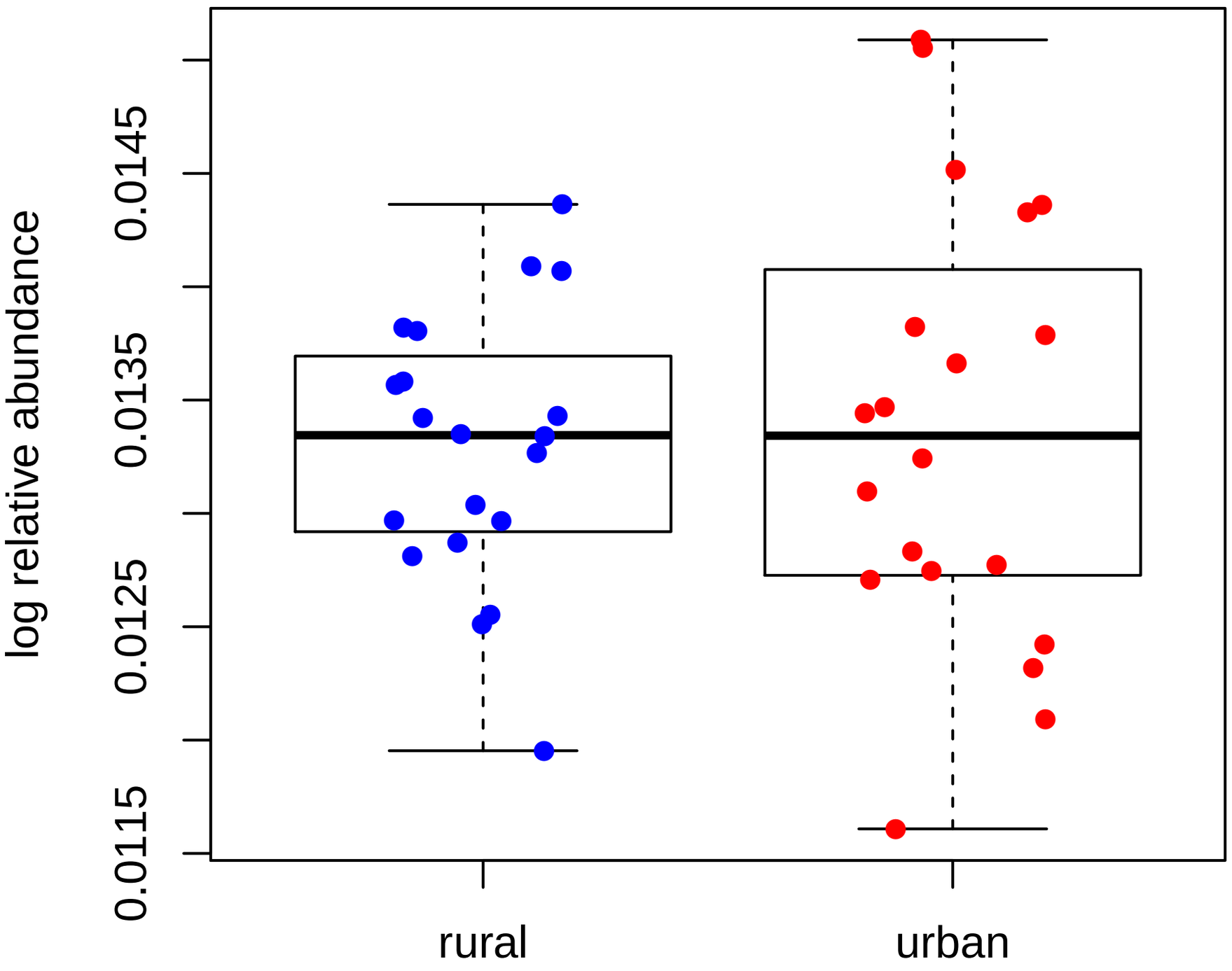

WGS pathway: ko00590
pAdjRuralUrban= 0.837
log relative abundance
0.0008
0.0010
0.0012
0.0014
rural
urban

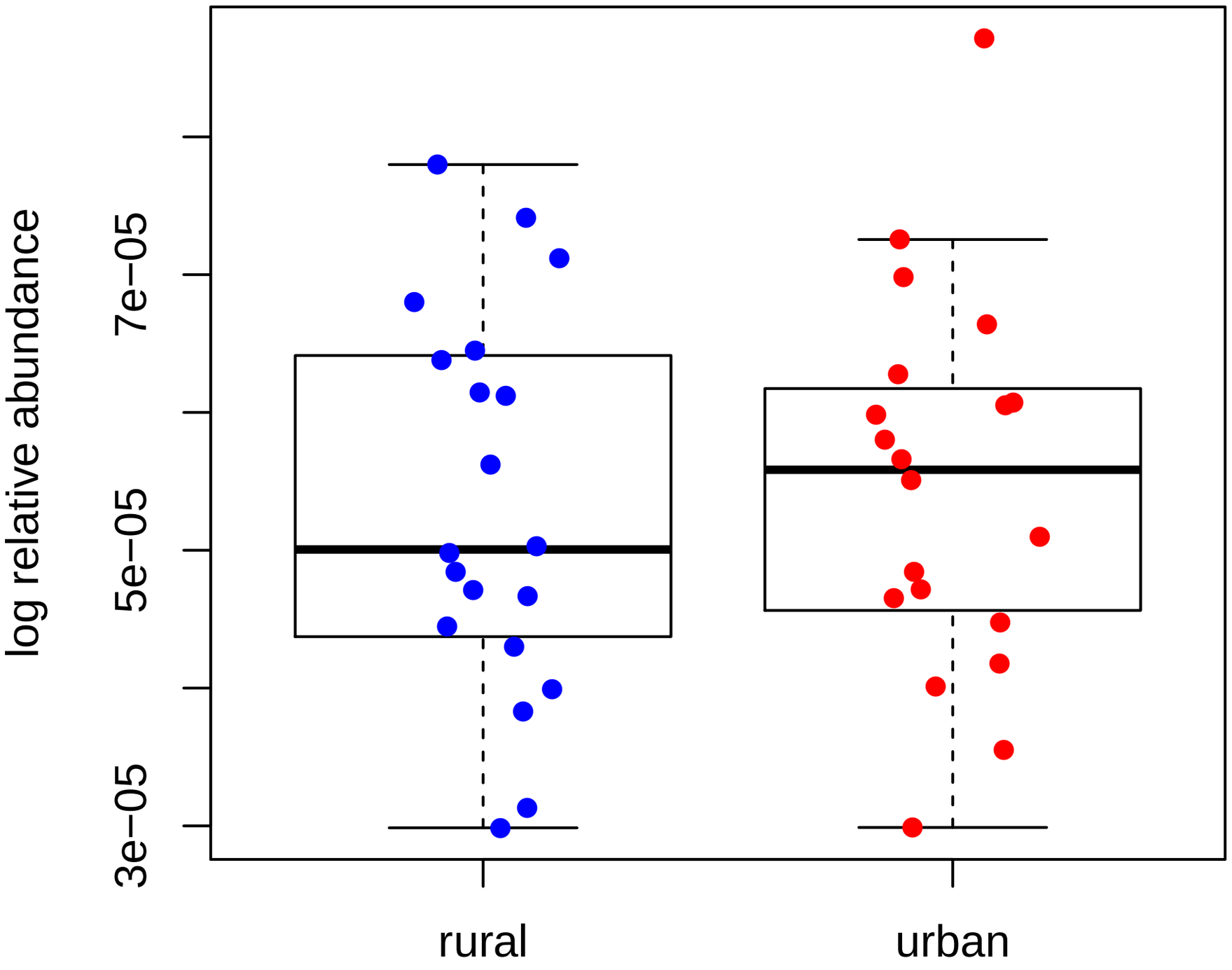

WGS pathway: ko00253
pAdjRuralUrban= 0.837
log relative abundance
5.0e−06
1.5e−05
rural
urban

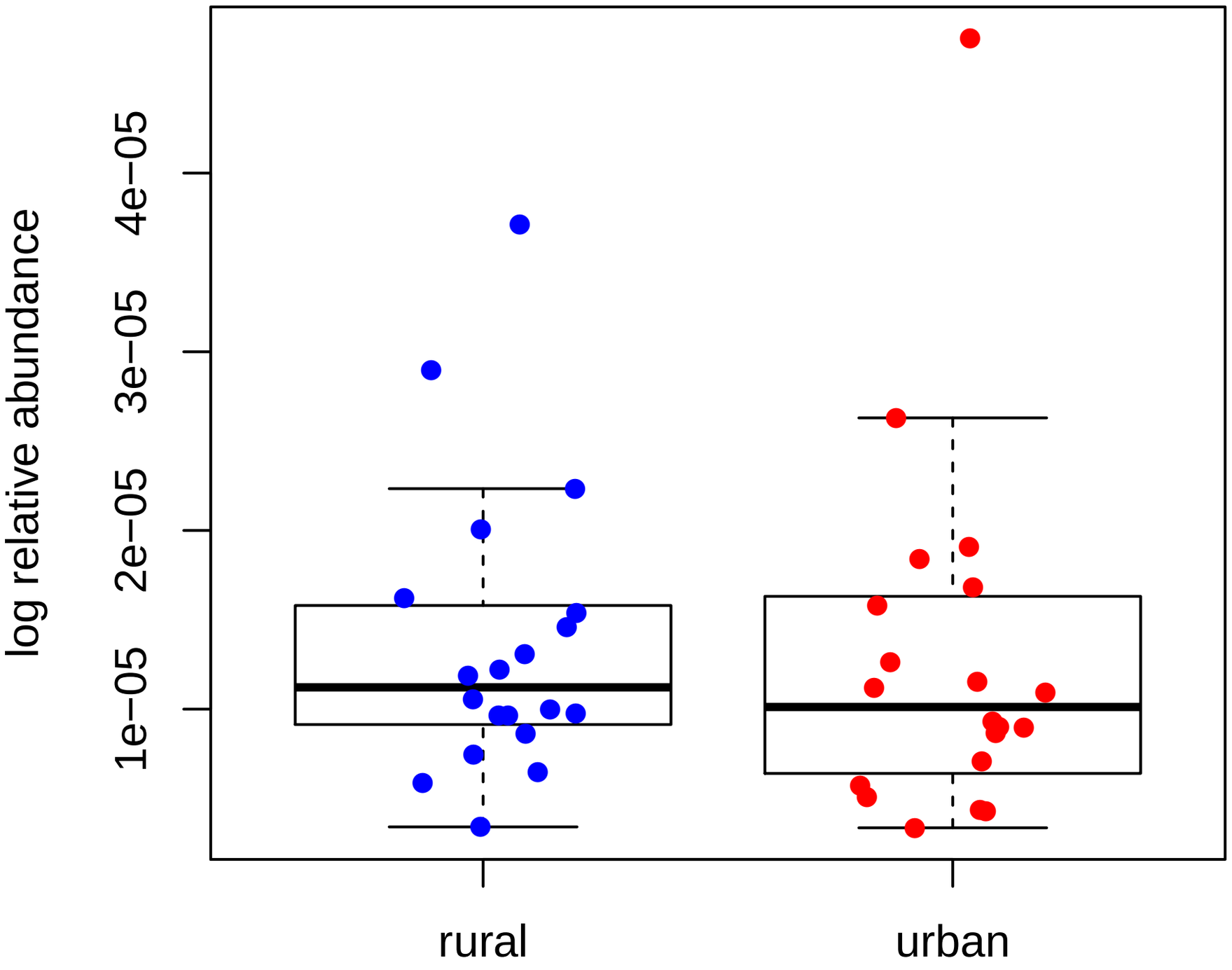

WGS pathway: ko05160
pAdjRuralUrban= 0.837
log relative abundance
4.0e−06
8.0e−06
1.2e−05
1.6e−05
rural
urban

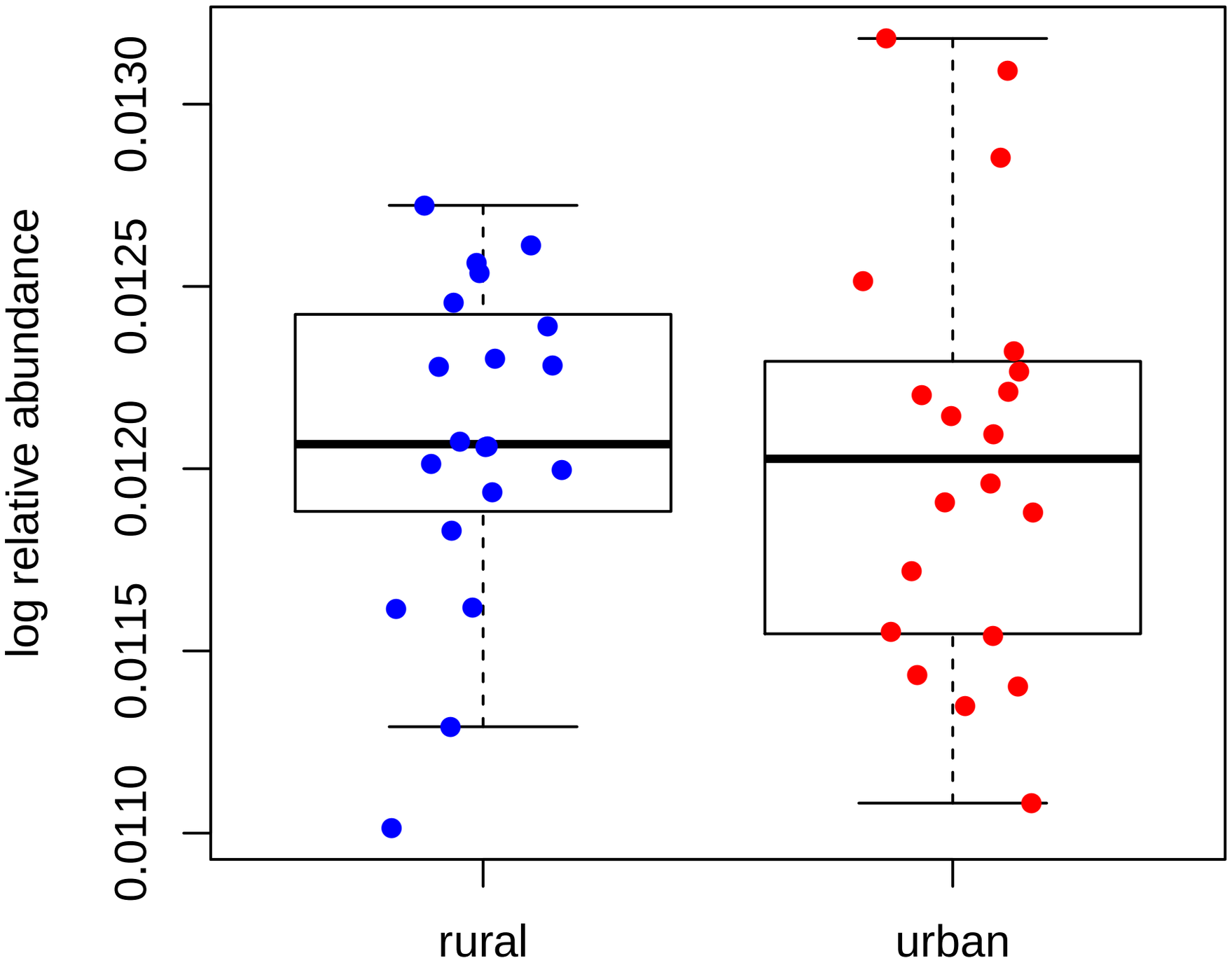

WGS pathway: ko00020
pAdjRuralUrban= 0.849
log relative abundance
0.0100
0.0110
0.0120
rural
urban

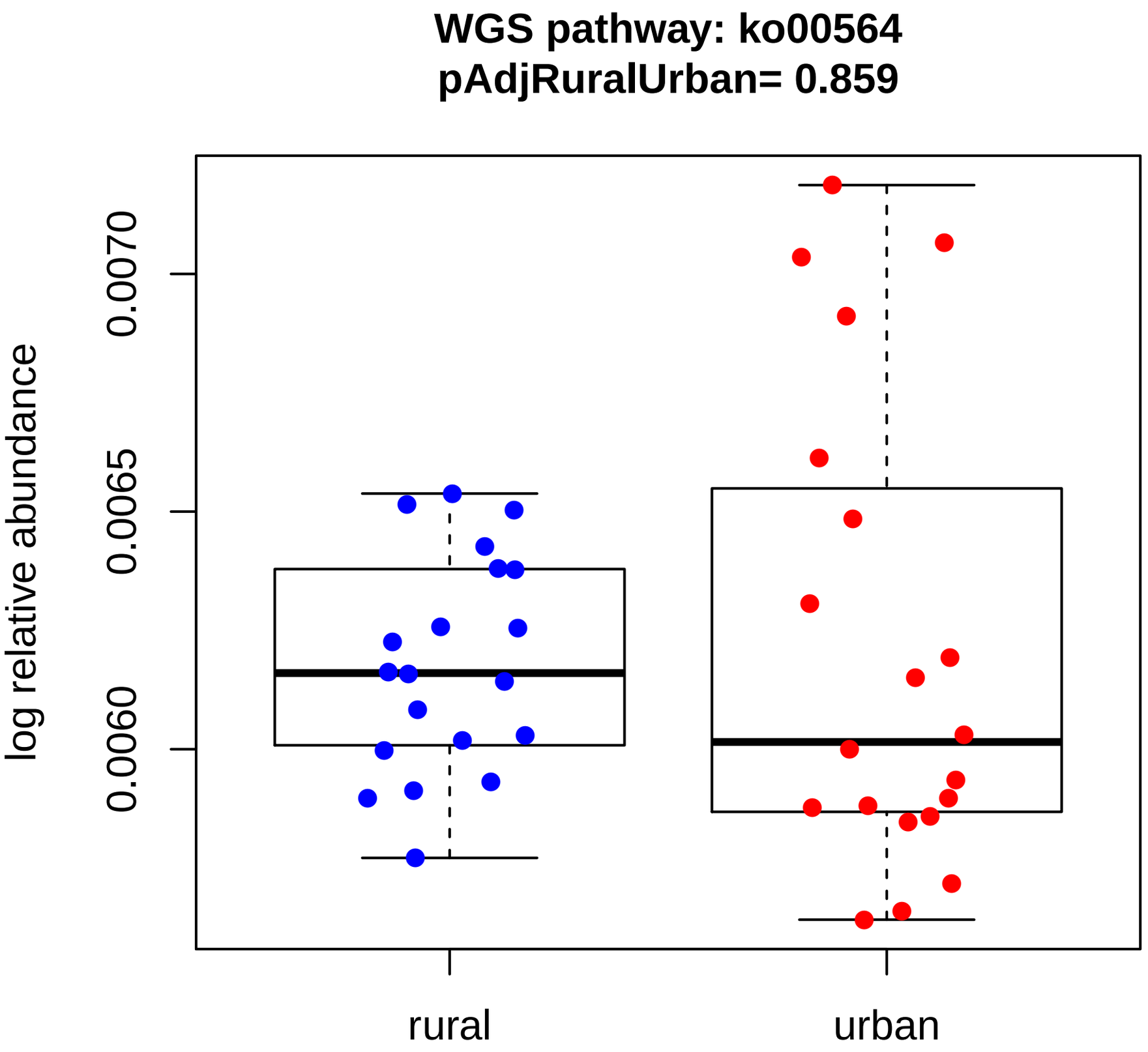

WGS pathway: ko04914
pAdjRuralUrban= 0.859
log relative abundance
0.00010
0.00014
rural
urban

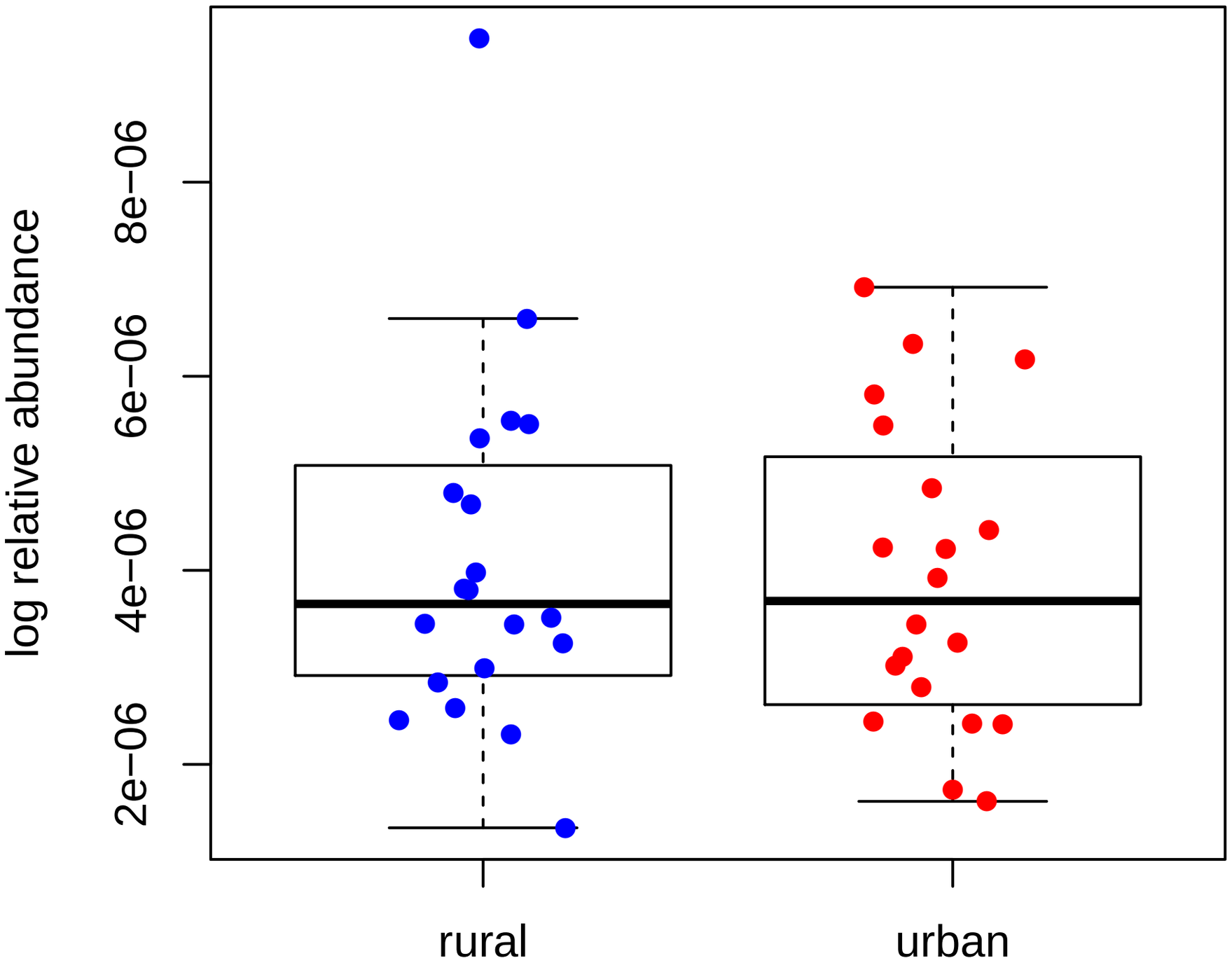

WGS pathway: ko00740
pAdjRuralUrban= 0.859
log relative abundance
0.0115
0.0125
0.0135
0.0145
rural
urban

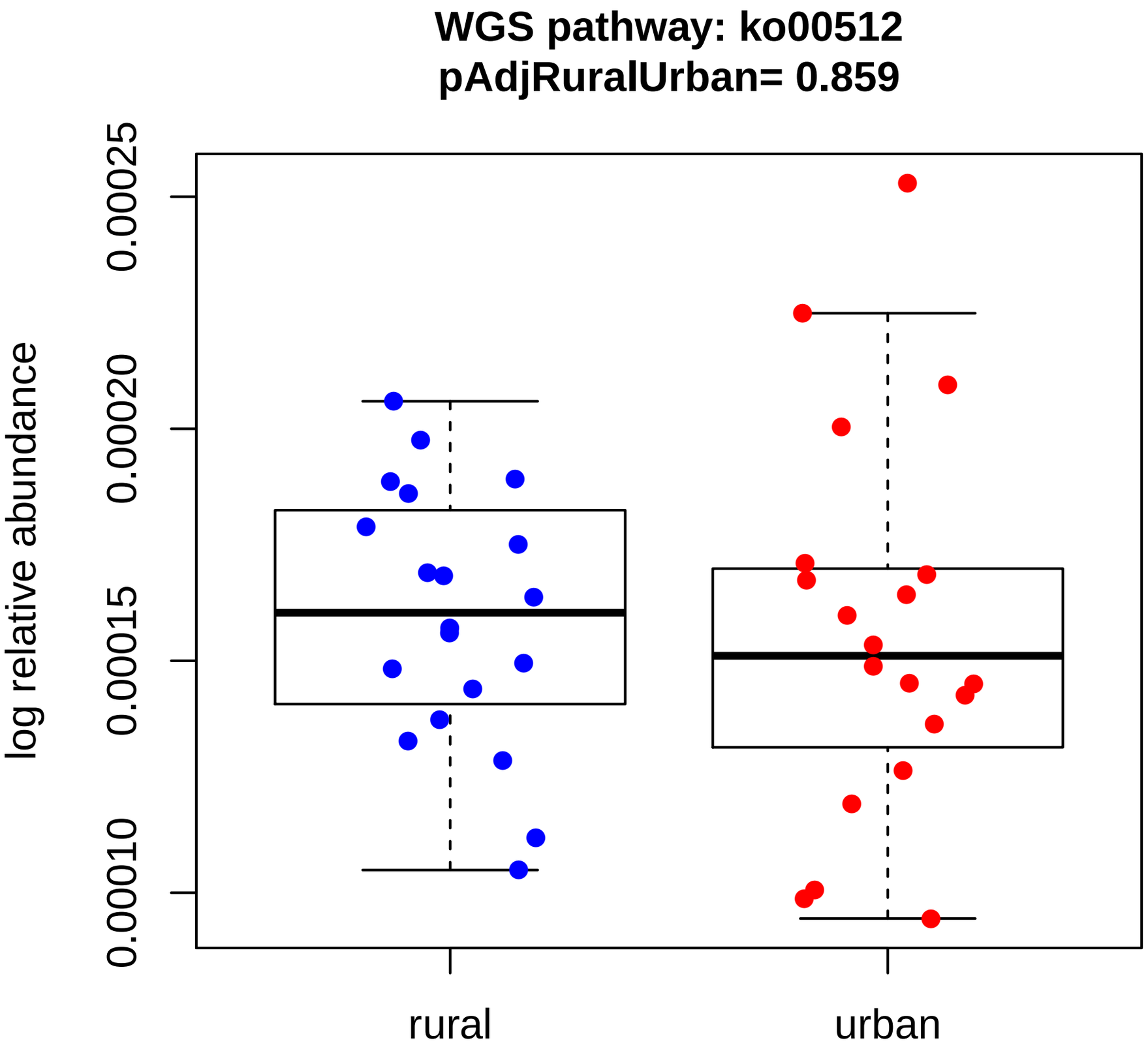

WGS pathway: ko04012
pAdjRuralUrban= 0.859
log relative abundance
3e−05
5e−05
7e−05
rural
urban

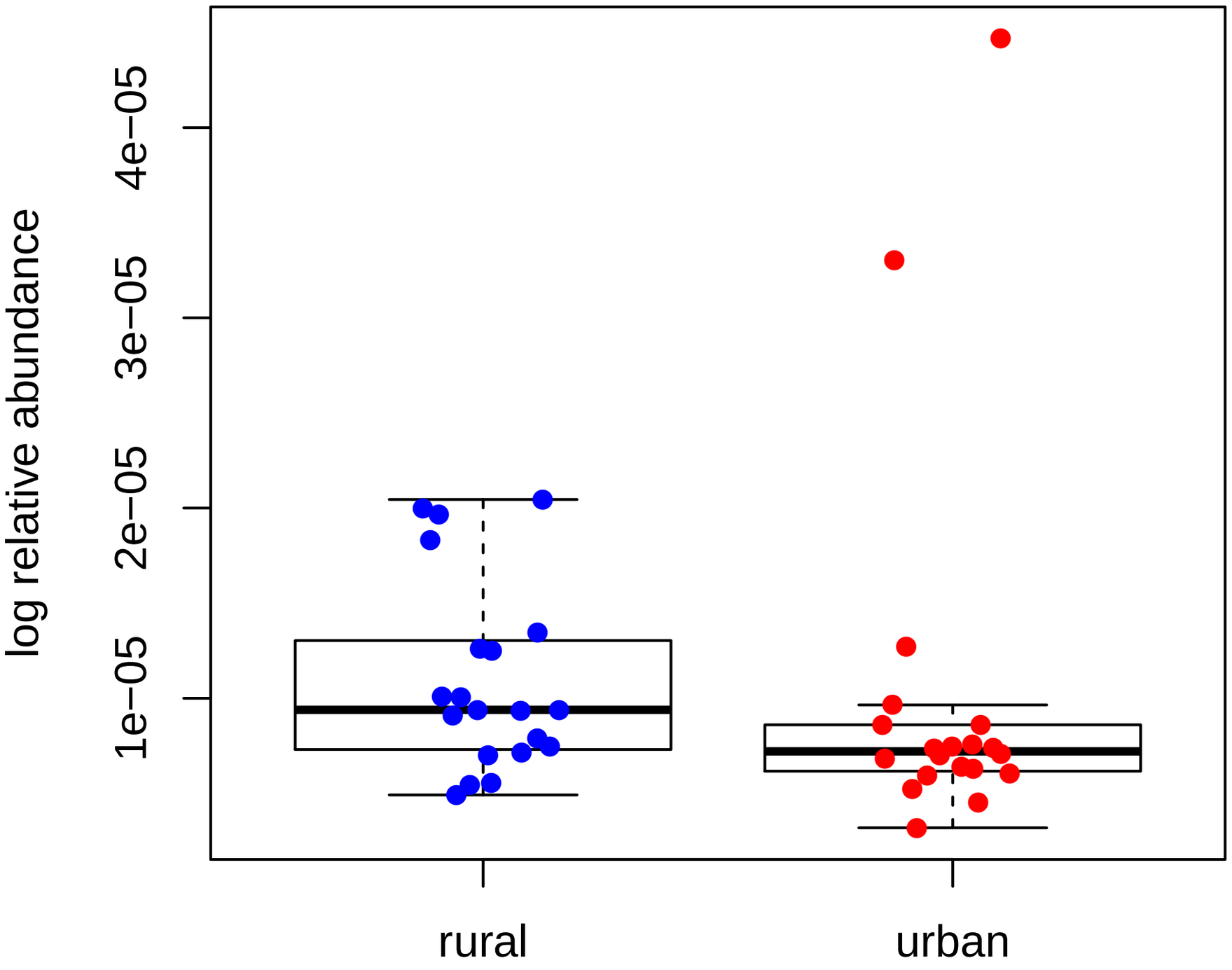

WGS pathway: ko00402
pAdjRuralUrban= 0.859
log relative abundance
1e−05
2e−05
3e−05
4e−05
rural
urban

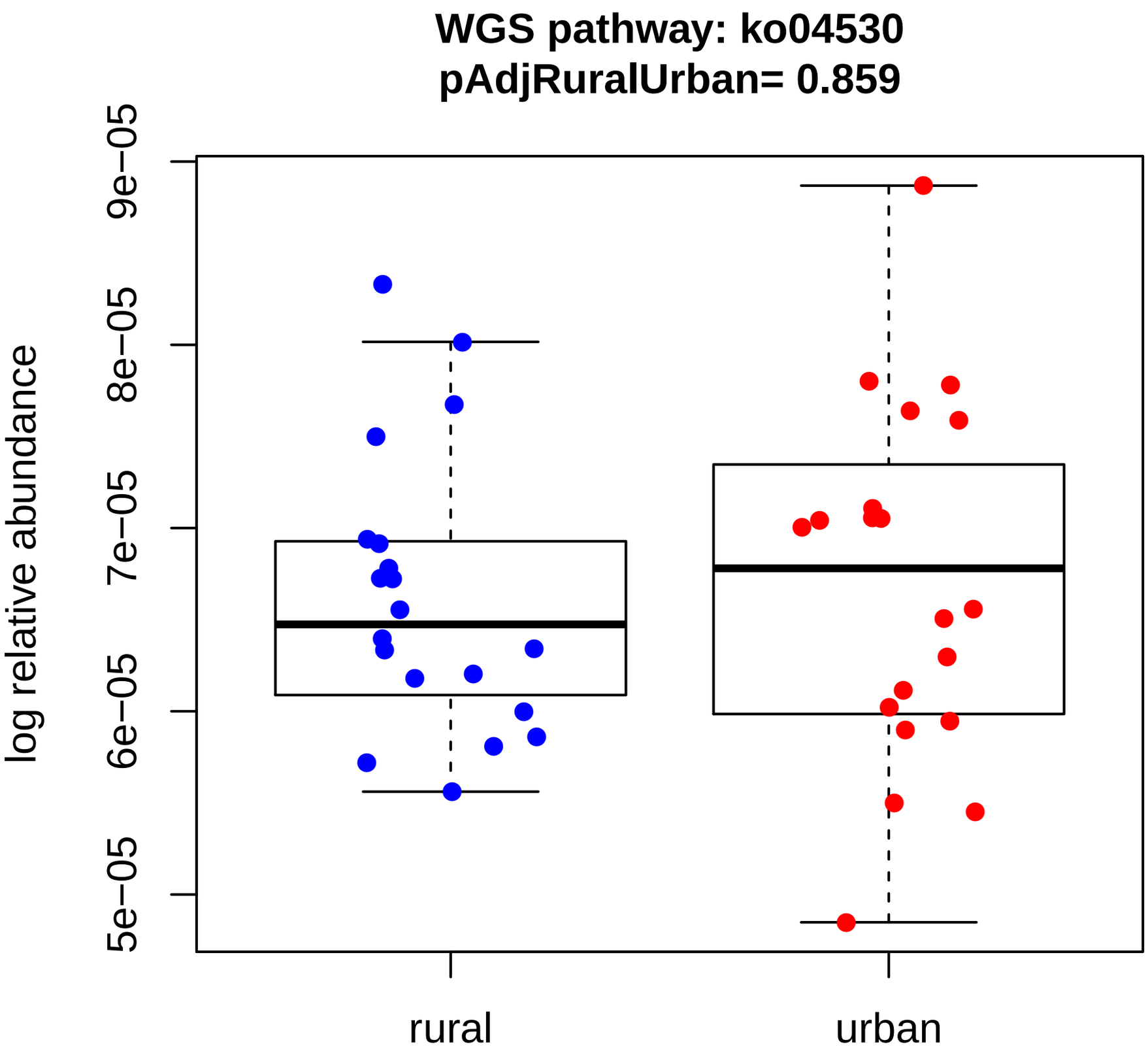

WGS pathway: ko00720
pAdjRuralUrban= 0.859
log relative abundance
0.0110
0.01115
0.01120
0.01125
0.01130
rural
urban

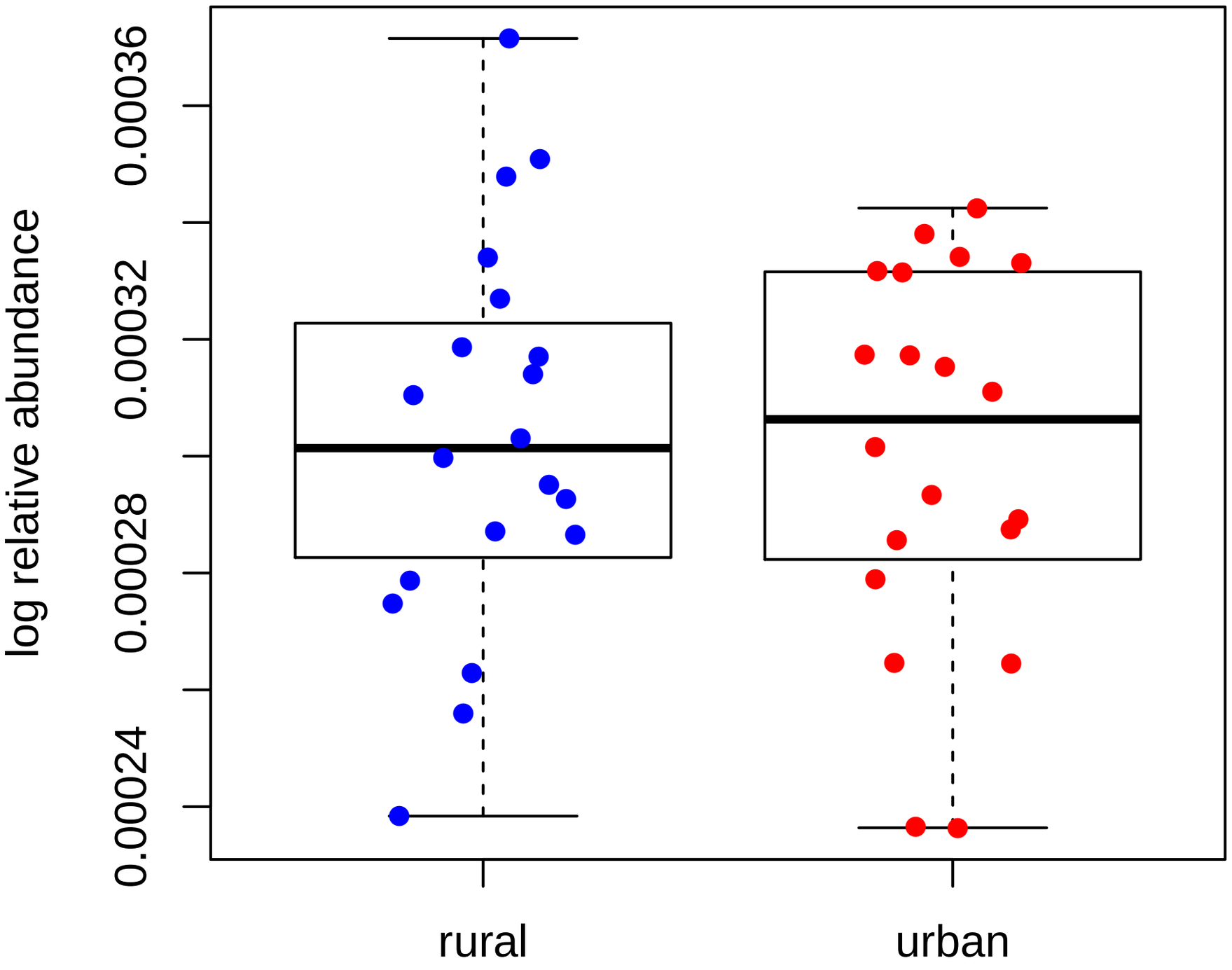

WGS pathway: ko00564
pAdjRuralUrban= 0.859
log relative abundance
0.0060
0.0065
0.0070
rural
urban

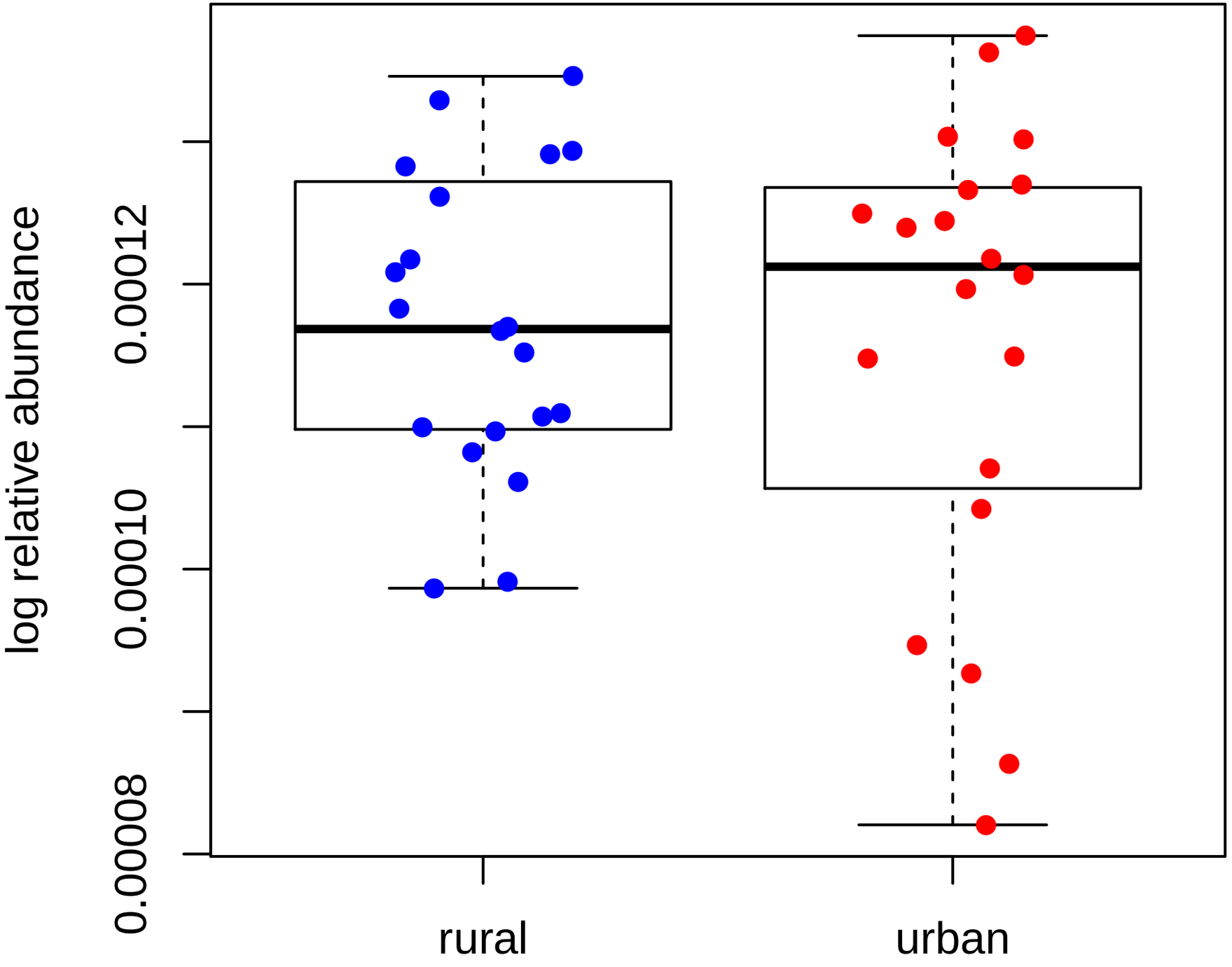

WGS pathway: ko04912
pAdjRuralUrban= 0.859
log relative abundance
2e−06
4e−06
6e−06
8e−06
rural
urban

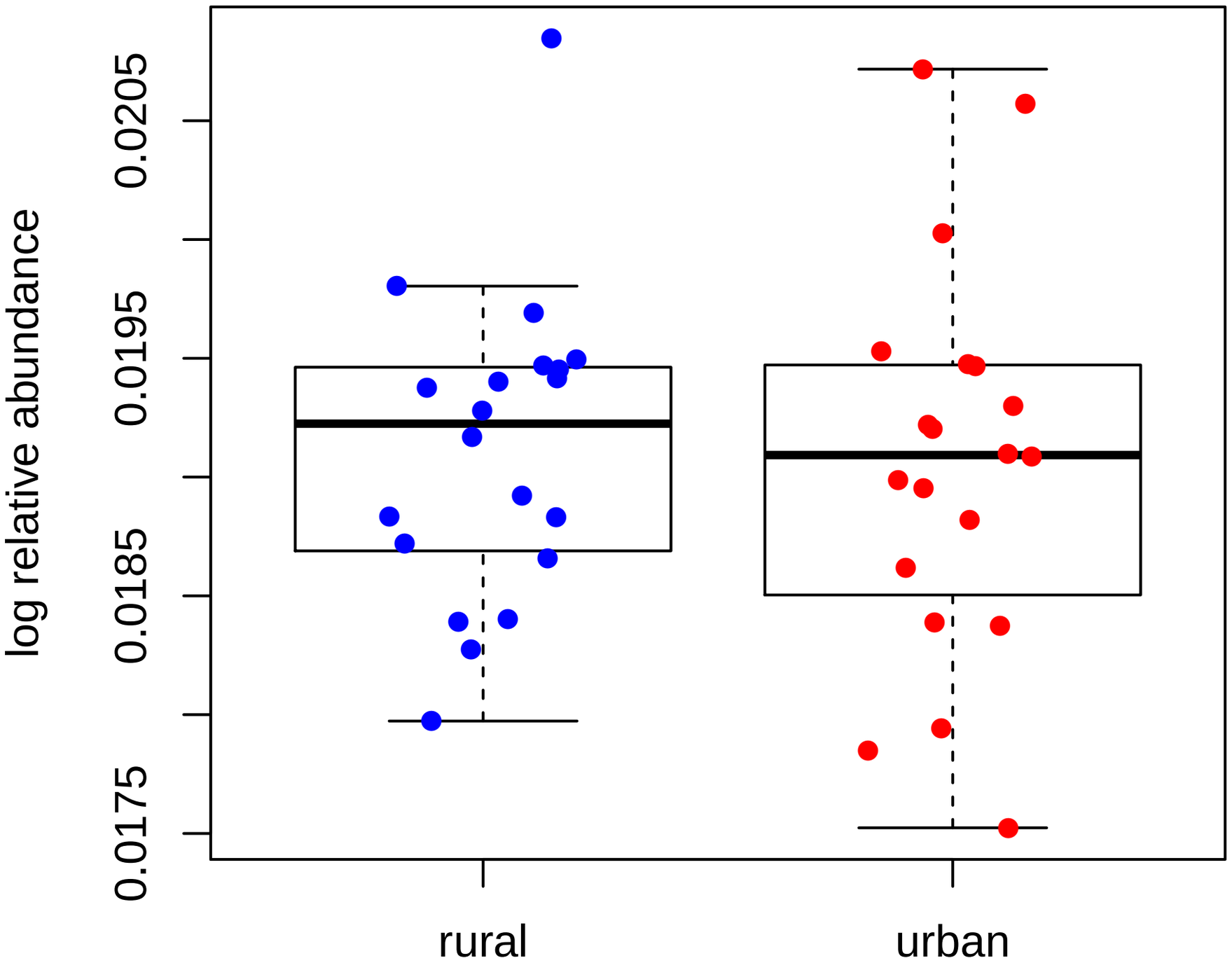

WGS pathway: ko00512
pAdjRuralUrban= 0.859
log relative abundance
0.00025
0.00020
0.00015
0.00010
rural
urban

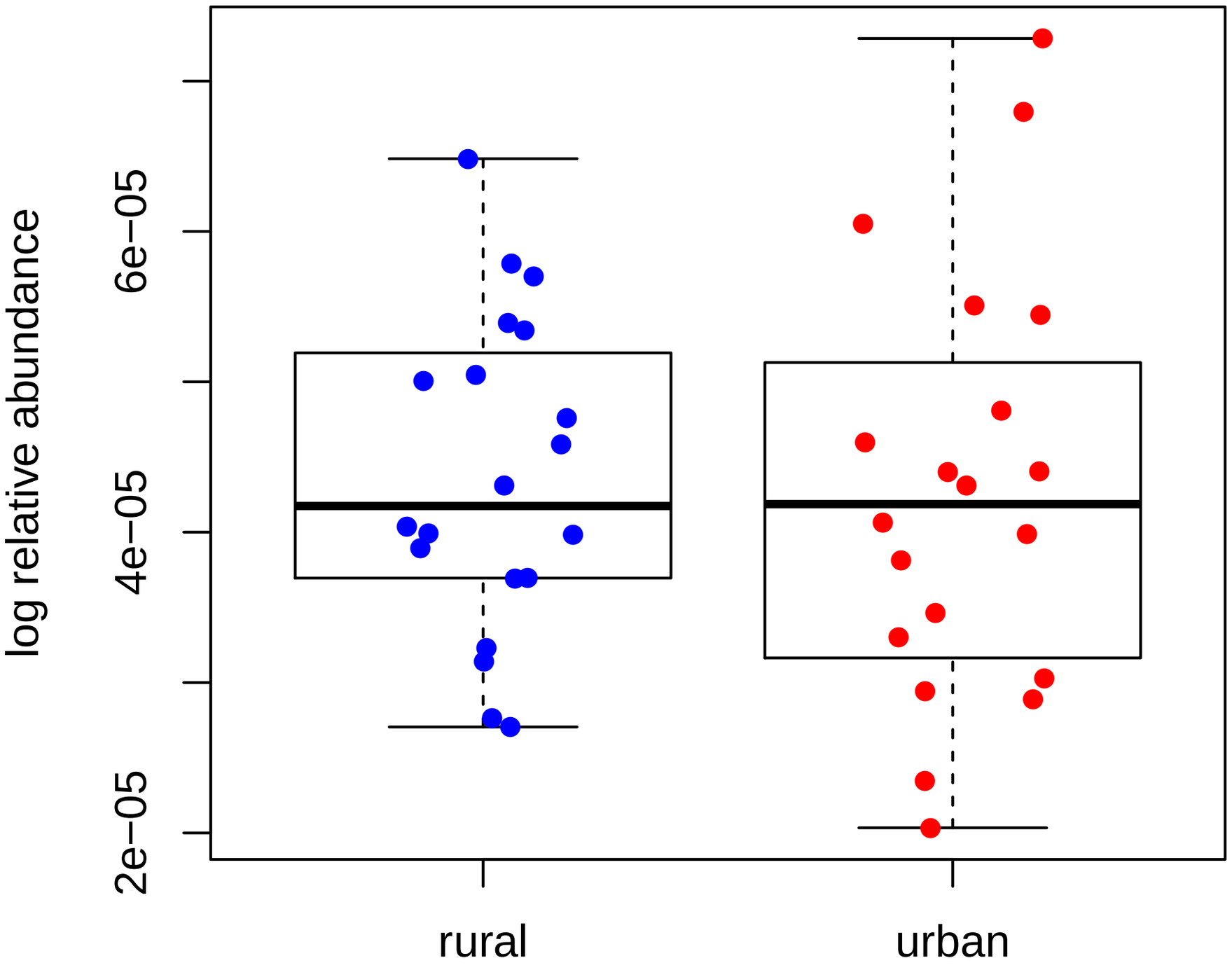

WGS pathway: ko04916
pAdjRuralUrban= 0.859
log relative abundance
1e−05
2e−05
3e−05
4e−05
rural
urban

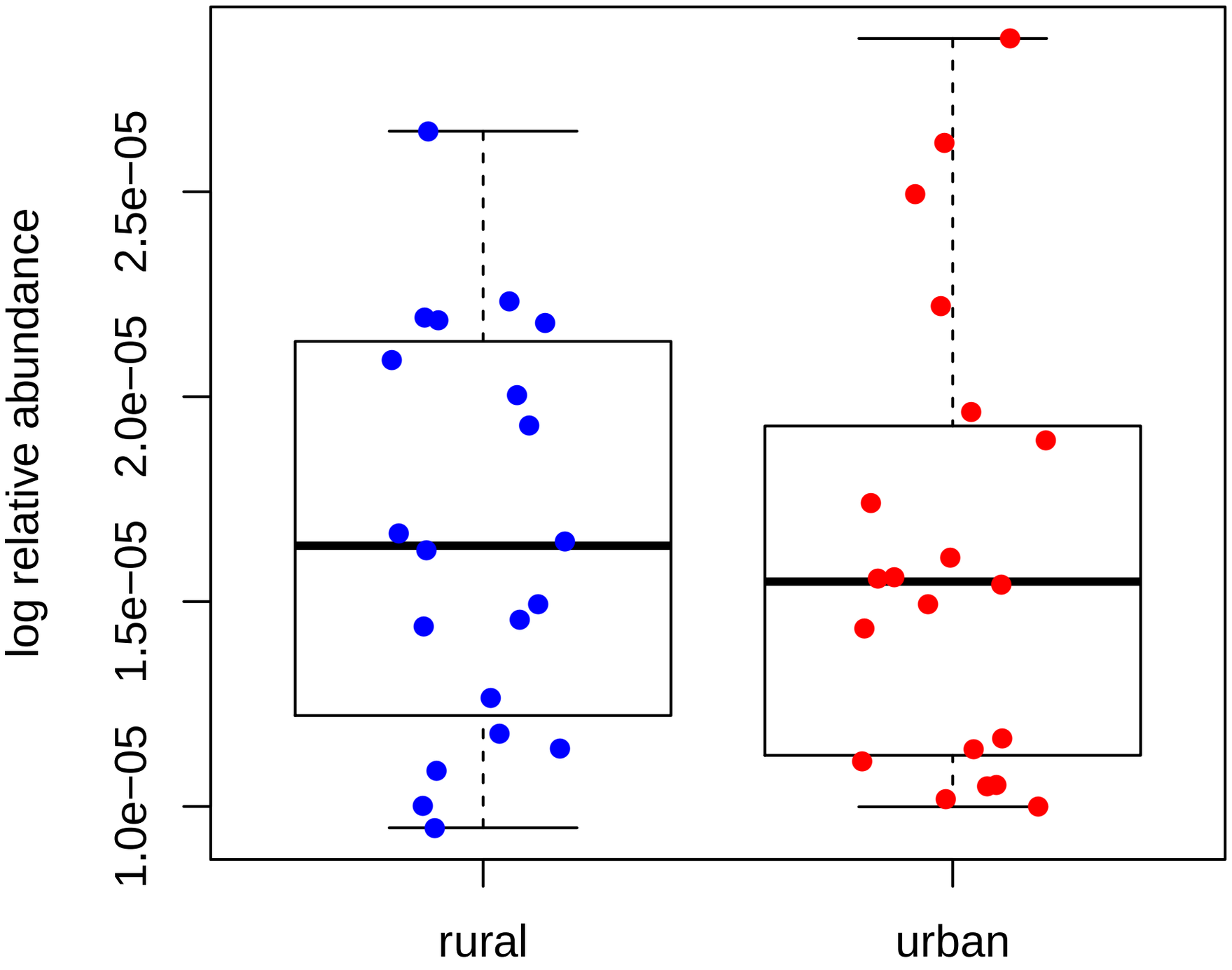

WGS pathway: ko04530
pAdjRuralUrban= 0.859
log relative abundance
5e−05
6e−05
7e−05
8e−05
9e−05
rural
urban

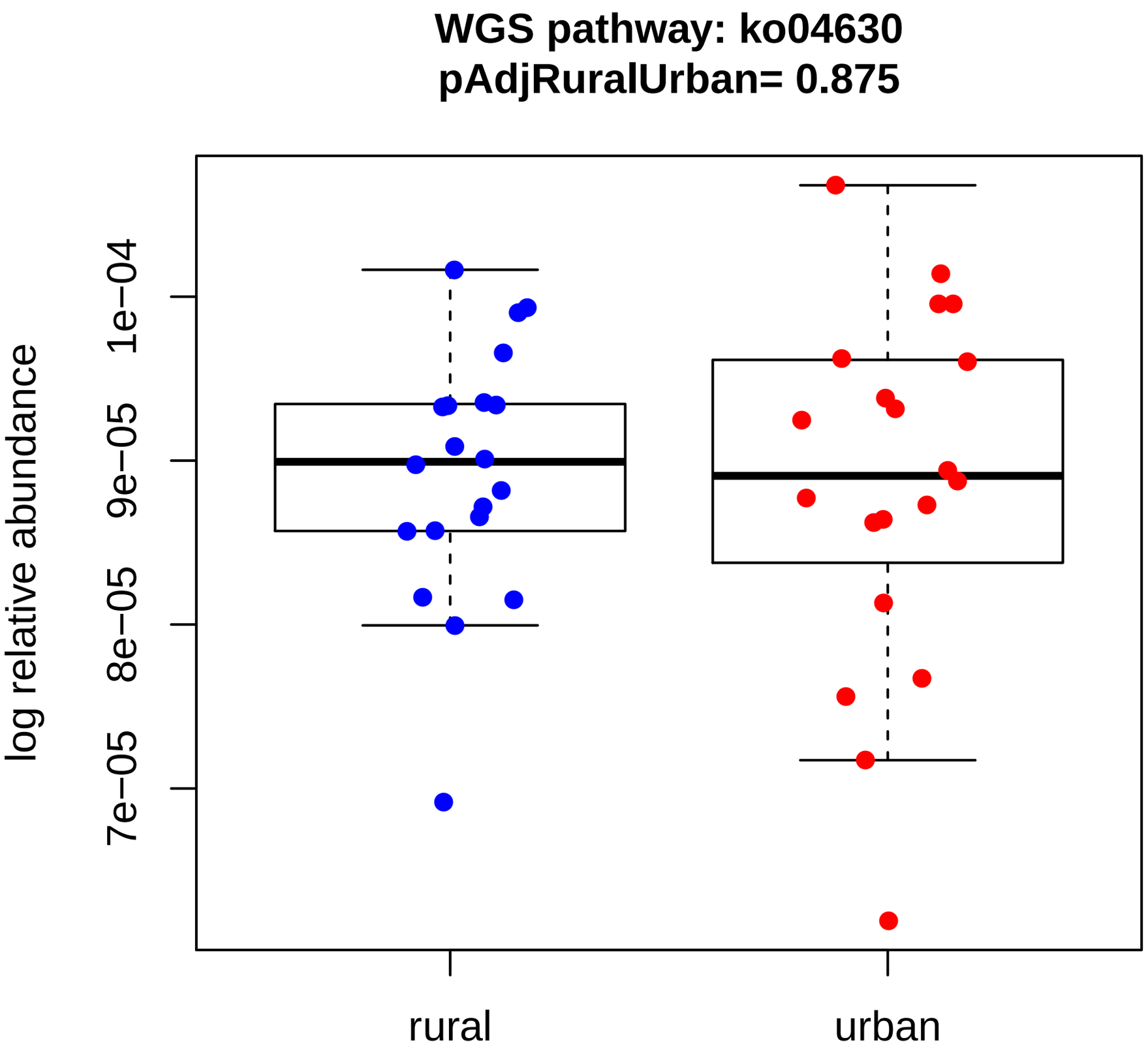

WGS pathway: ko04150
pAdjRuralUrban= 0.859
log relative abundance
0.00024
0.00028
0.00032
0.00036
rural
urban

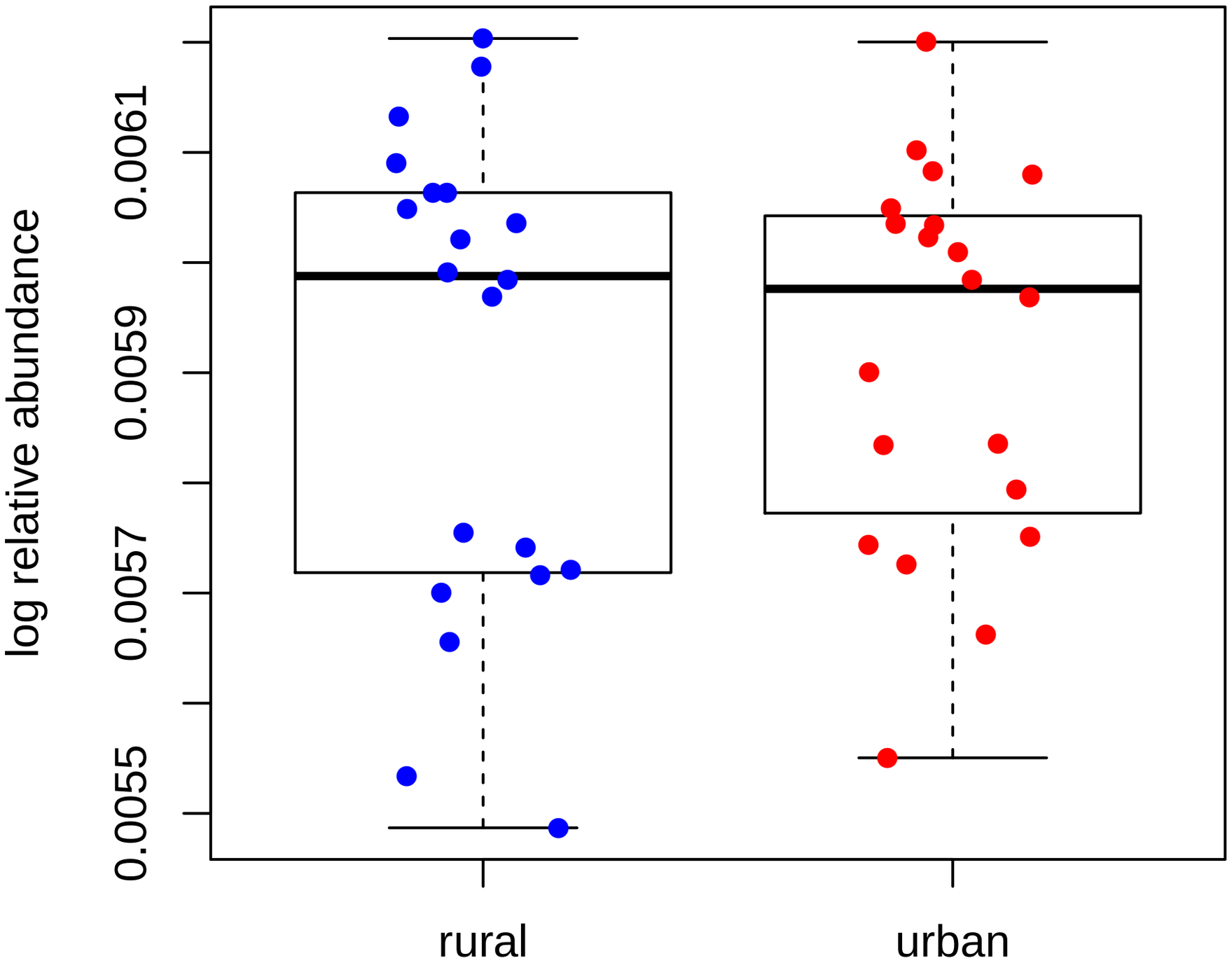

WGS pathway: ko04111
pAdjRuralUrban= 0.859
log relative abundance
0.00008
0.00010
0.00012
rural
urban

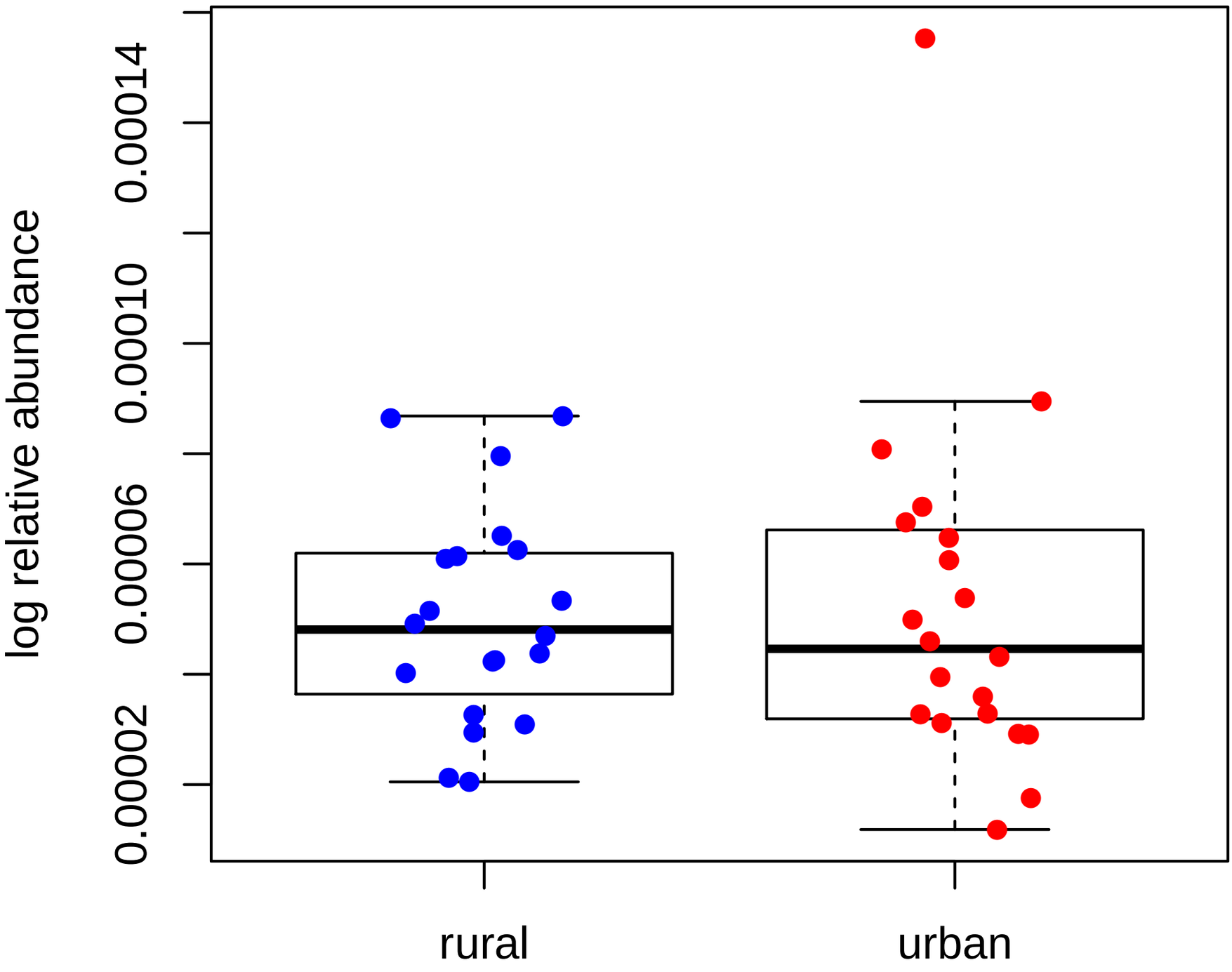

WGS pathway: ko00670
pAdjRuralUrban= 0.859
log relative abundance
0.0175
0.0185
0.0195
0.0205
rural
urban

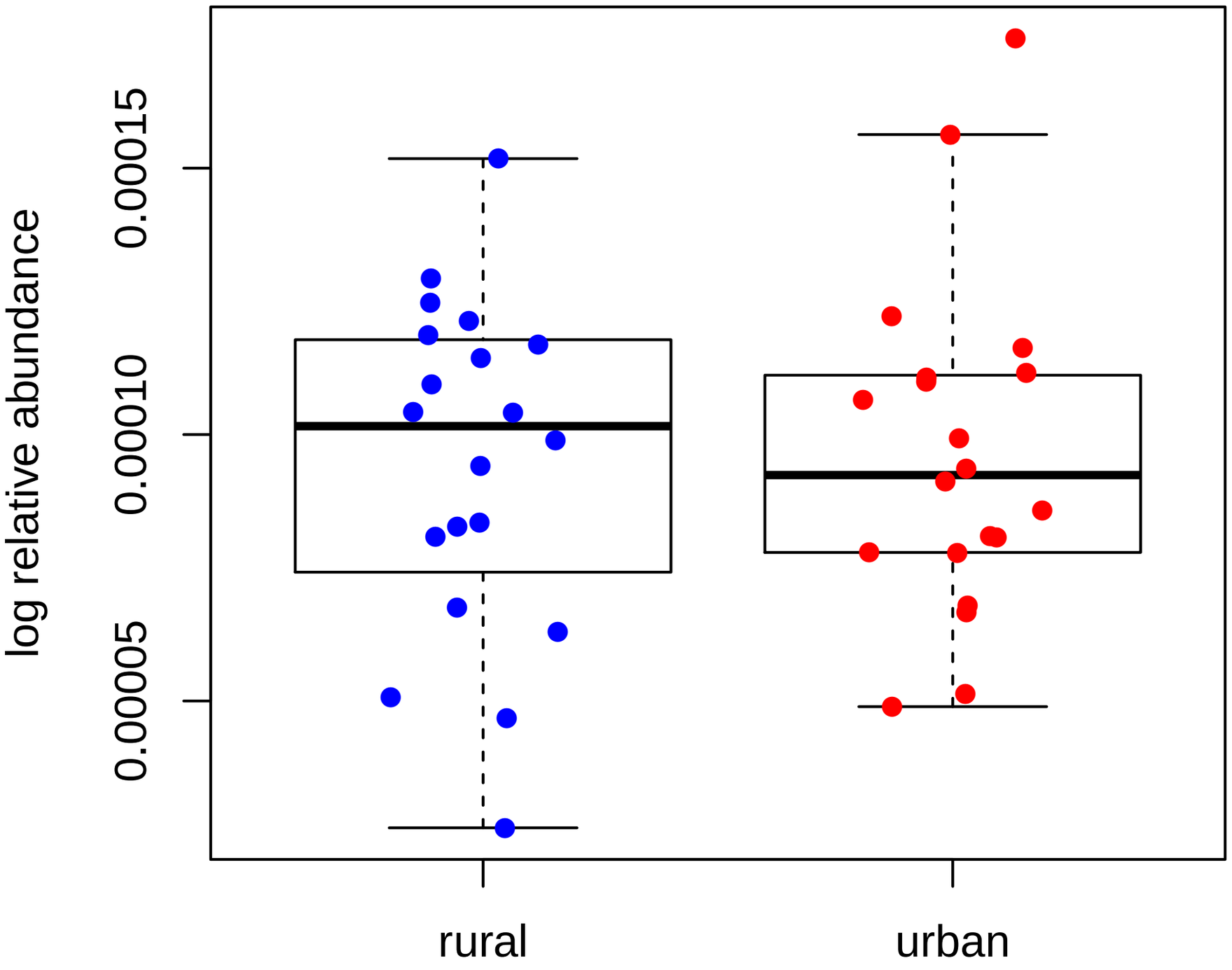

WGS pathway: ko04970
pAdjRuralUrban= 0.859
log relative abundance
2e−05
4e−05
6e−05
rural
urban

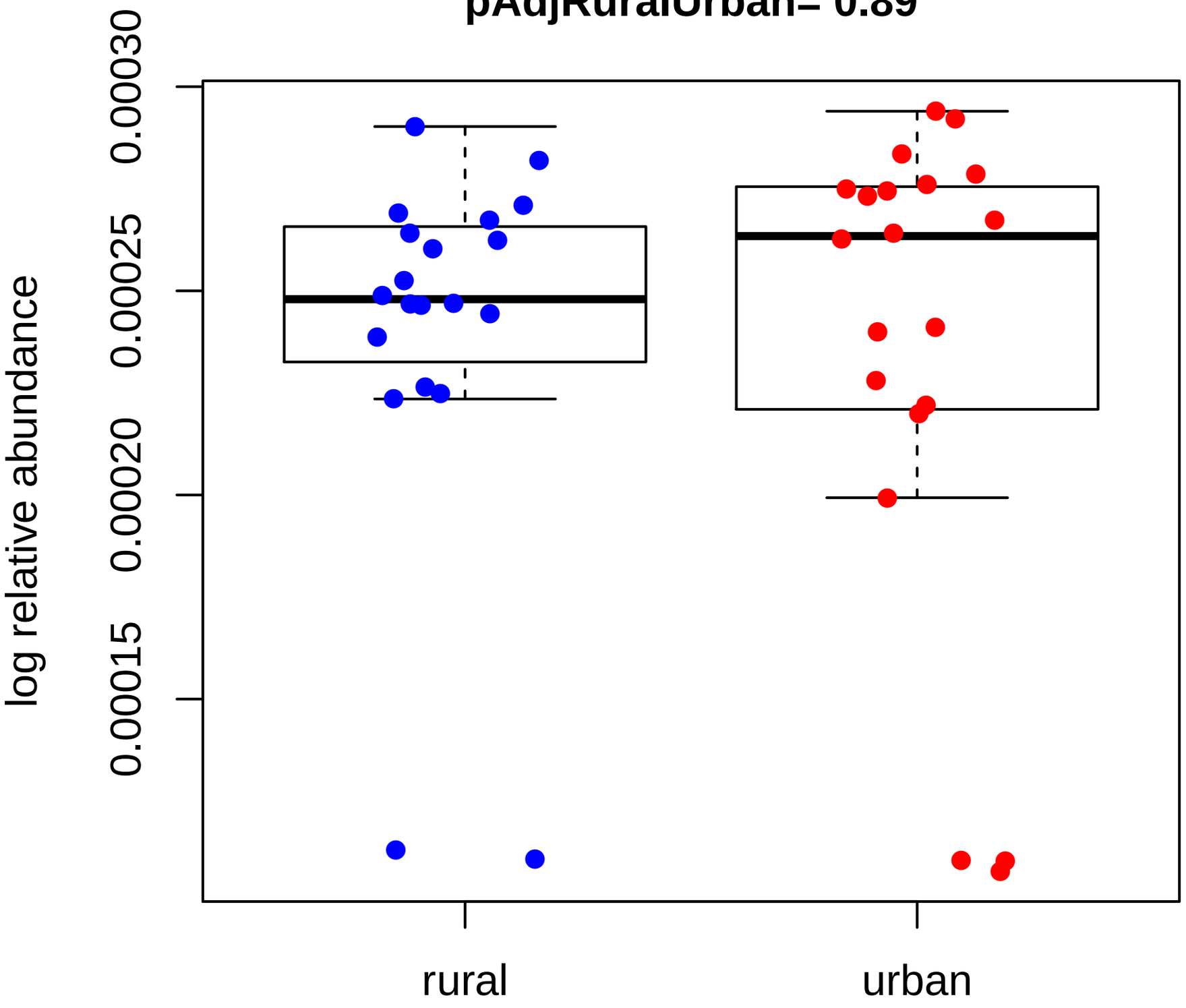

WGS pathway: ko04670
pAdjRuralUrban= 0.859
log relative abundance
1.0e−05
1.5e−05
2.0e−05
2.5e−05
rural
urban

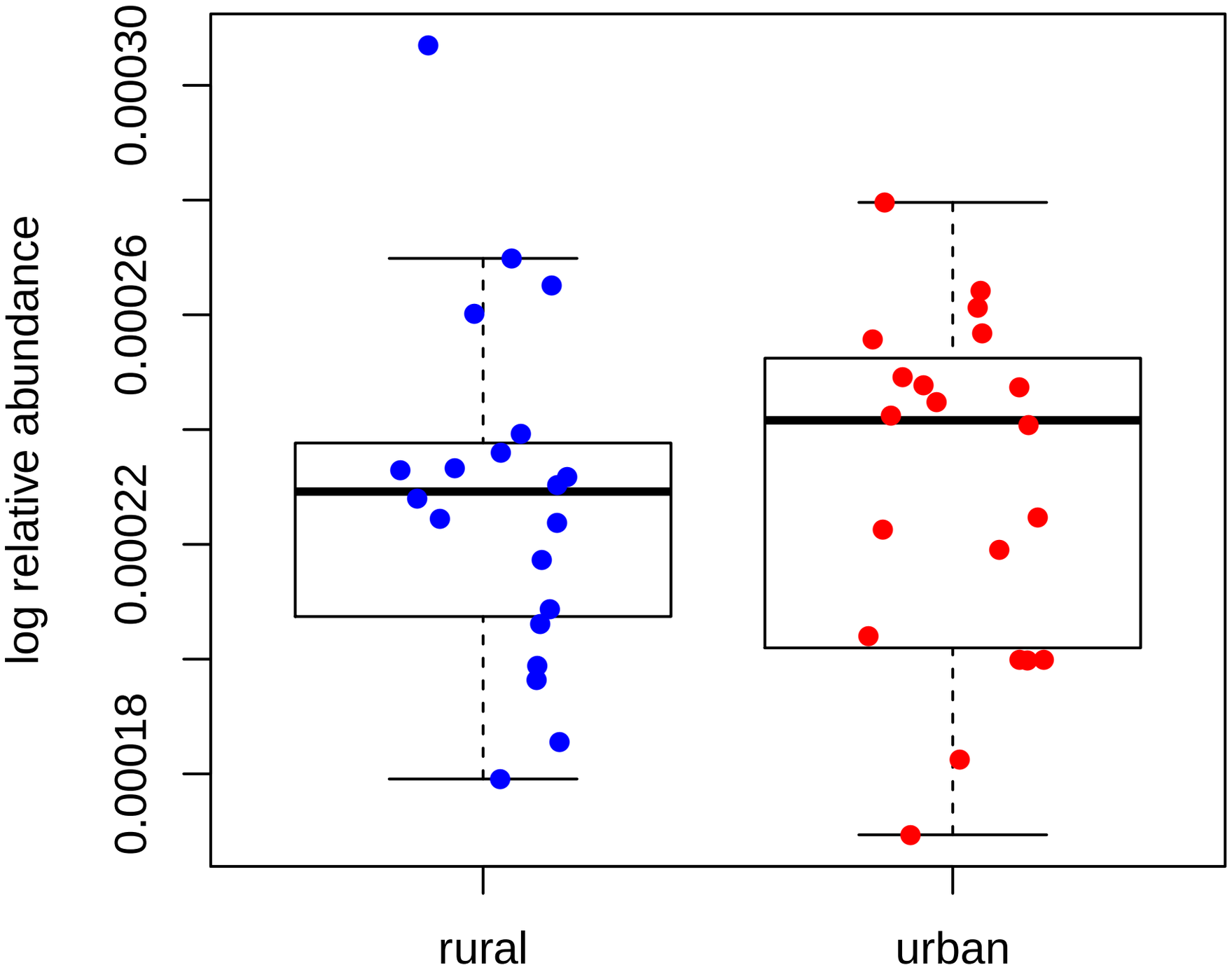

WGS pathway: ko04630
pAdjRuralUrban= 0.875
log relative abundance
7e−05
8e−05
9e−05
1e−04
rural
urban

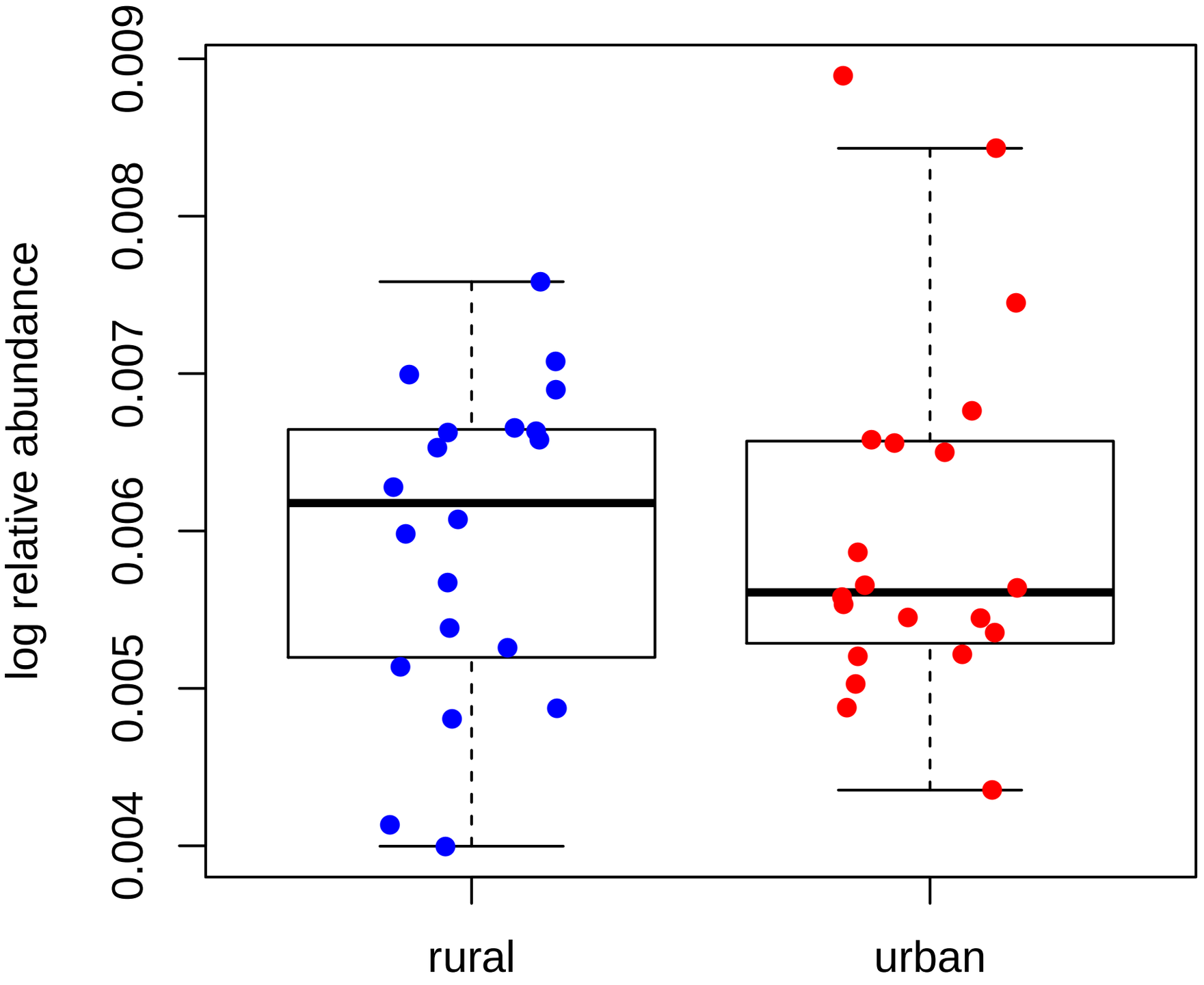

WGS pathway: ko00190
pAdjRuralUrban= 0.886
log relative abundance
0.0055
0.0057
0.0059
0.0061
rural
urban

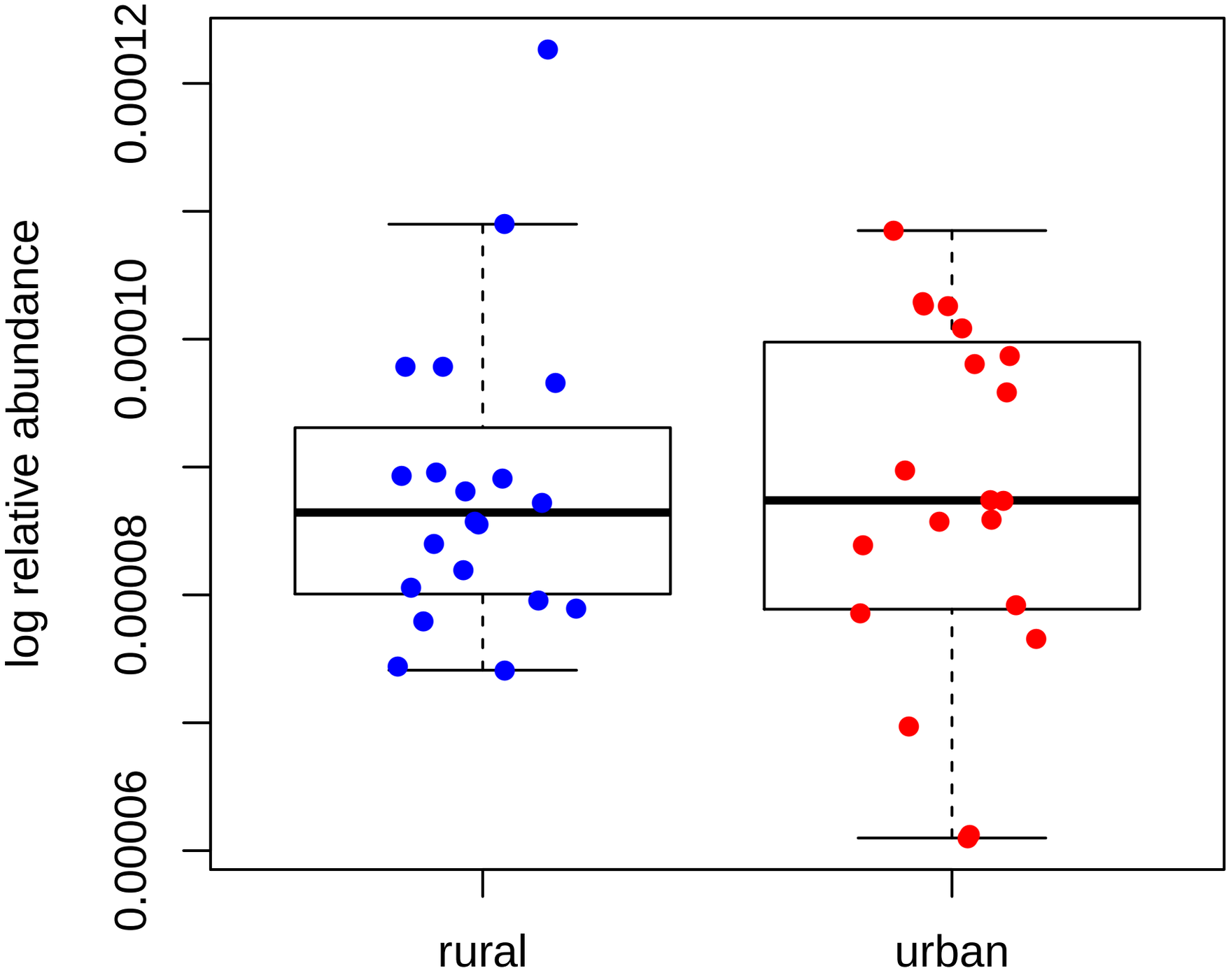

WGS pathway: ko00120
pAdjRuralUrban= 0.89
log relative abundance
0.00002
0.00006
0.00010
0.00014
rural
urban

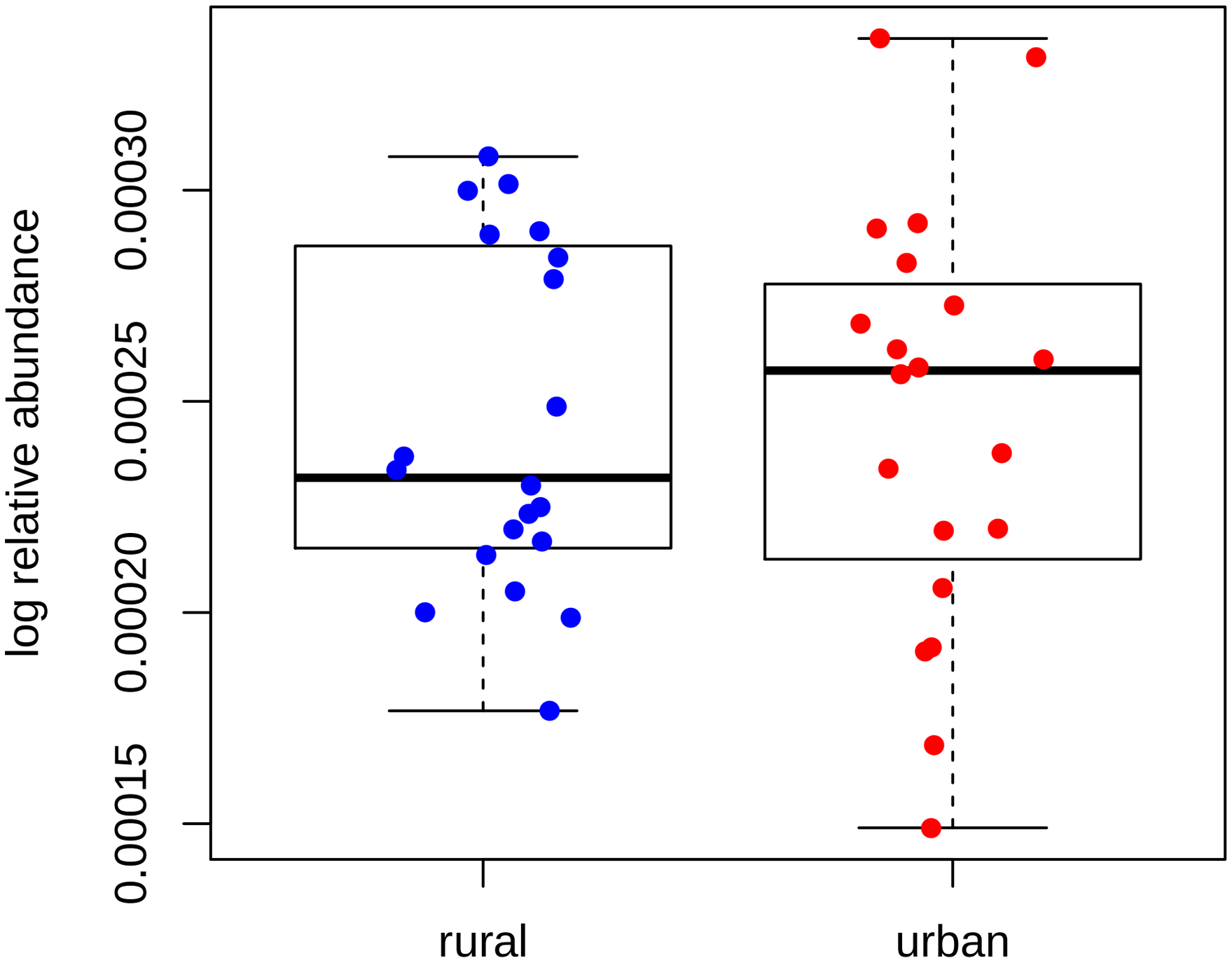

WGS pathway: ko00591
pAdjRuralUrban= 0.89
log relative abundance
0.00005
0.00010
0.00015
rural
urban

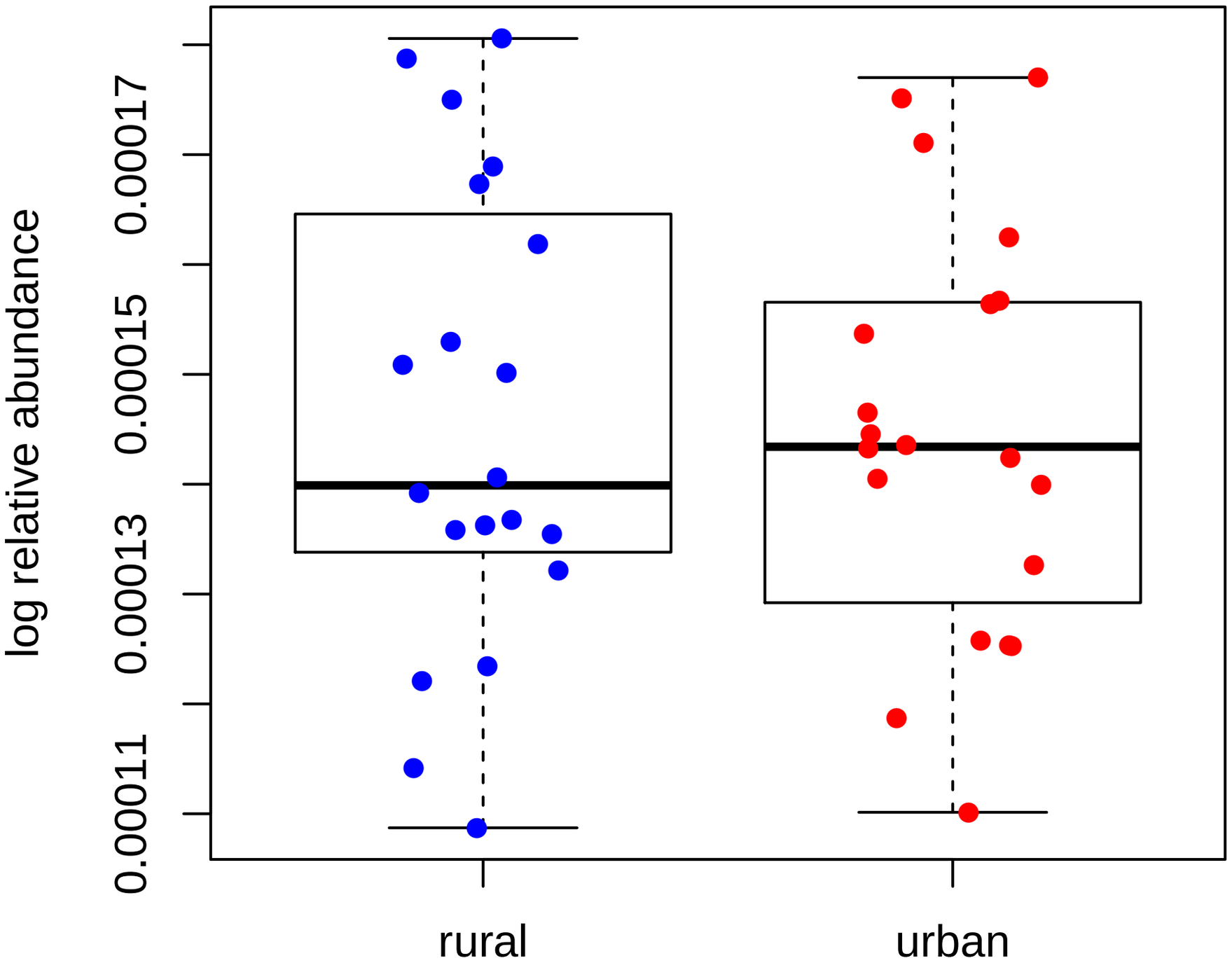

WGS pathway: ko04113
pAdjRuralUrban= 0.89
log relative abundance
0.00030
0.00025
0.00020
0.00015
rural
urban

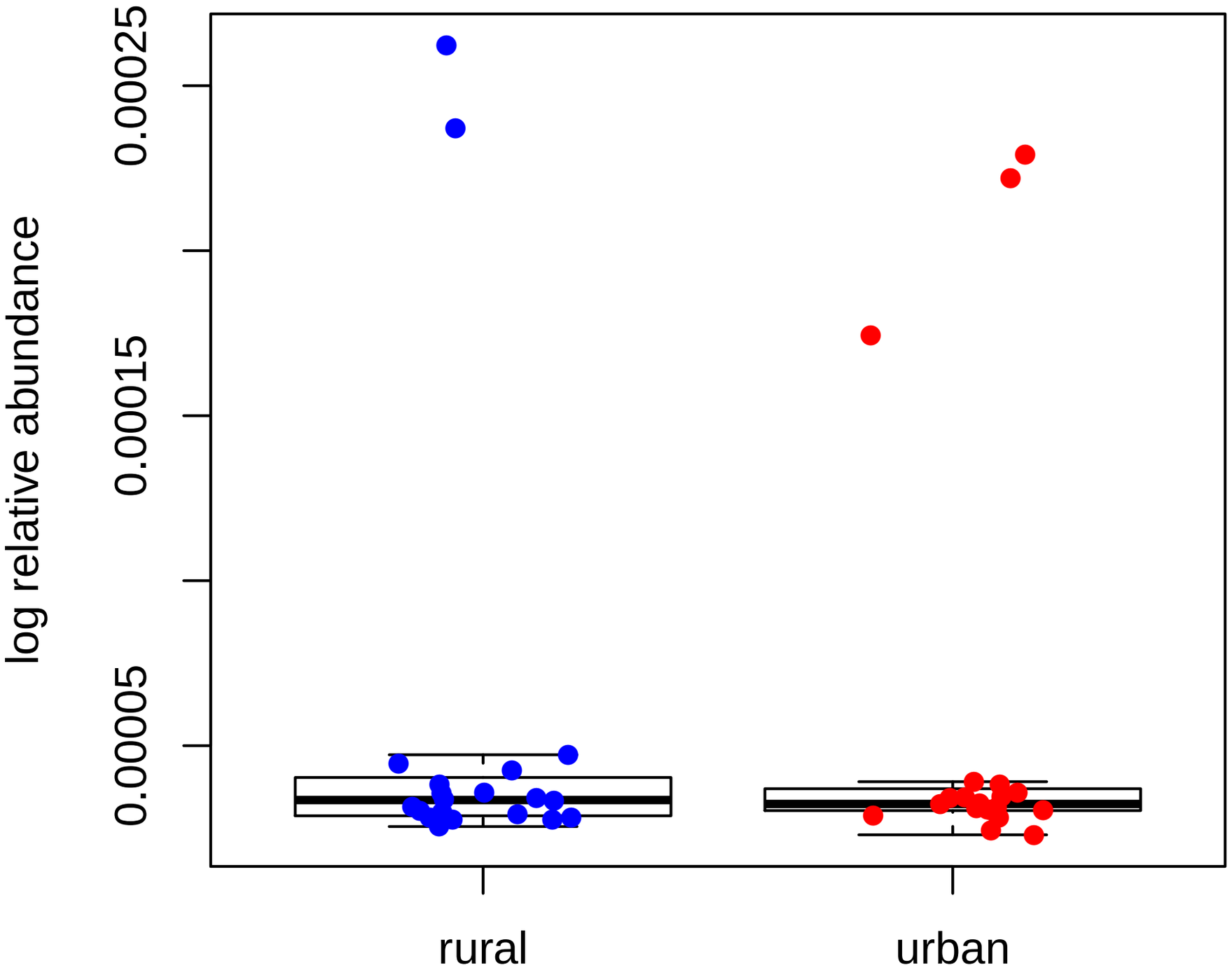

WGS pathway: ko00514
pAdjRuralUrban= 0.892
log relative abundance
0.00018
0.00022
0.00026
0.00030
rural
urban

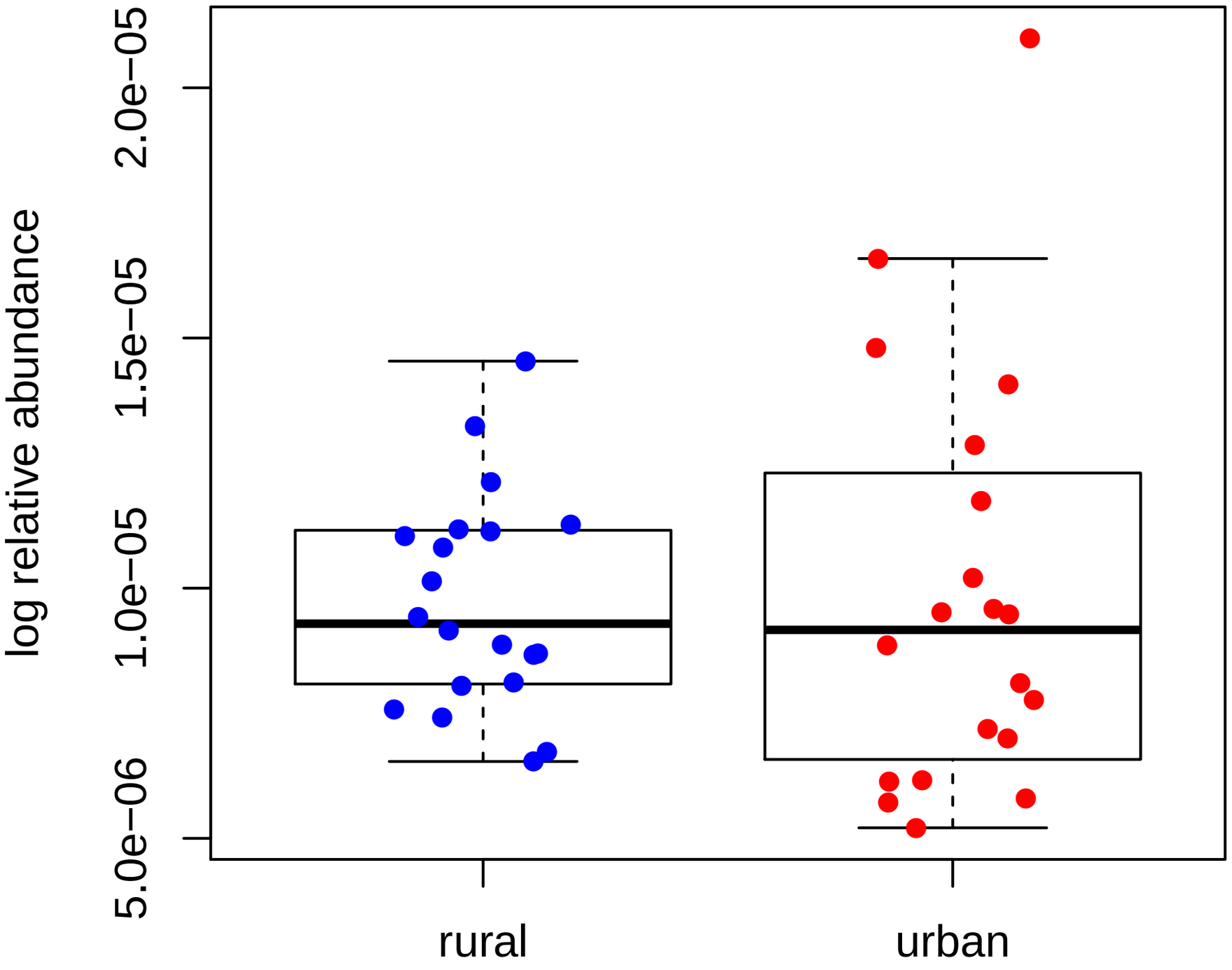

WGS pathway: ko00130
pAdjRuralUrban= 0.908
log relative abundance
0.004
0.005
0.006
0.007
0.008
0.009
rural
urban

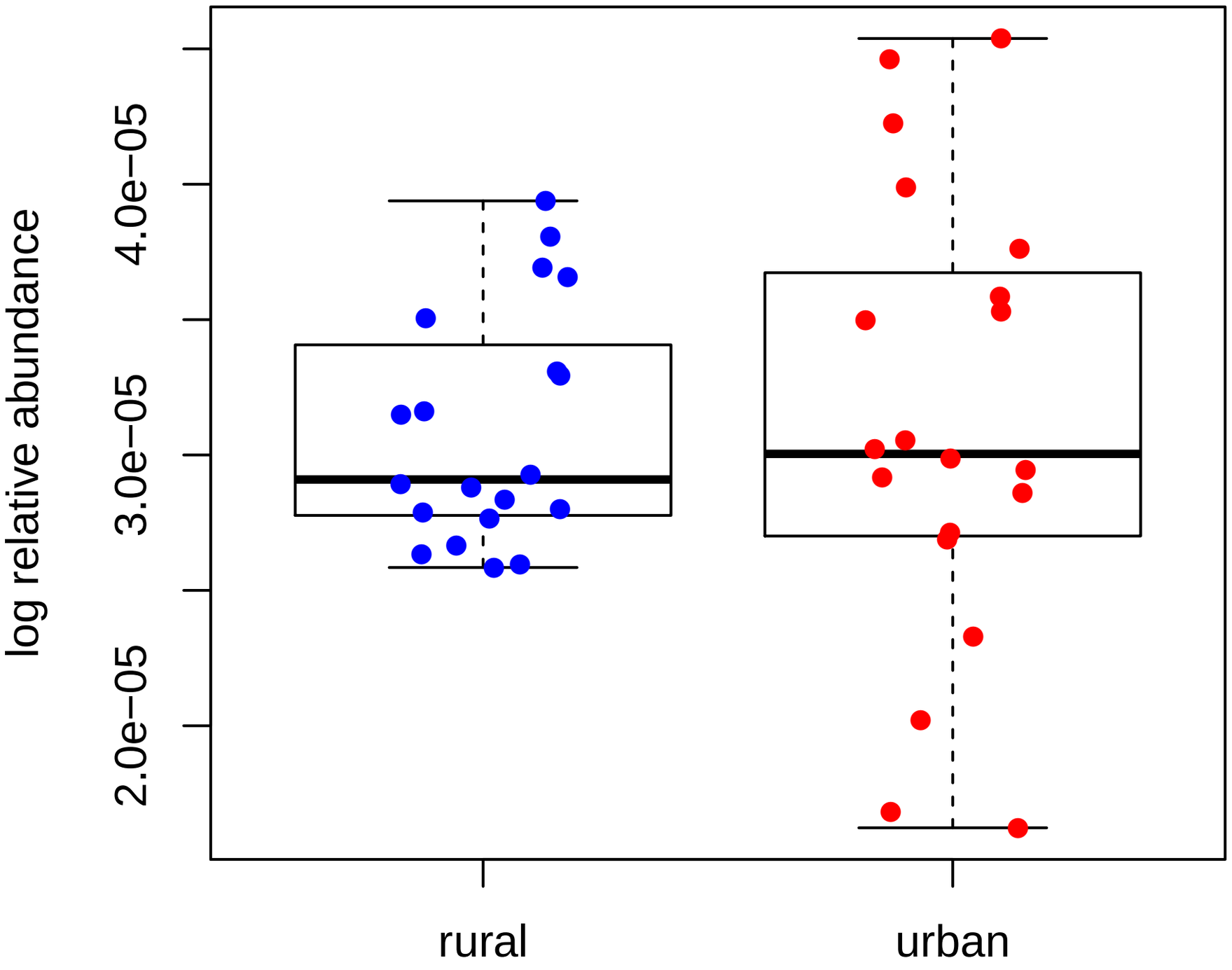

WGS pathway: ko04514
pAdjRuralUrban= 0.908
log relative abundance
0.00012
0.00010
0.00008
0.00006
rural
urban

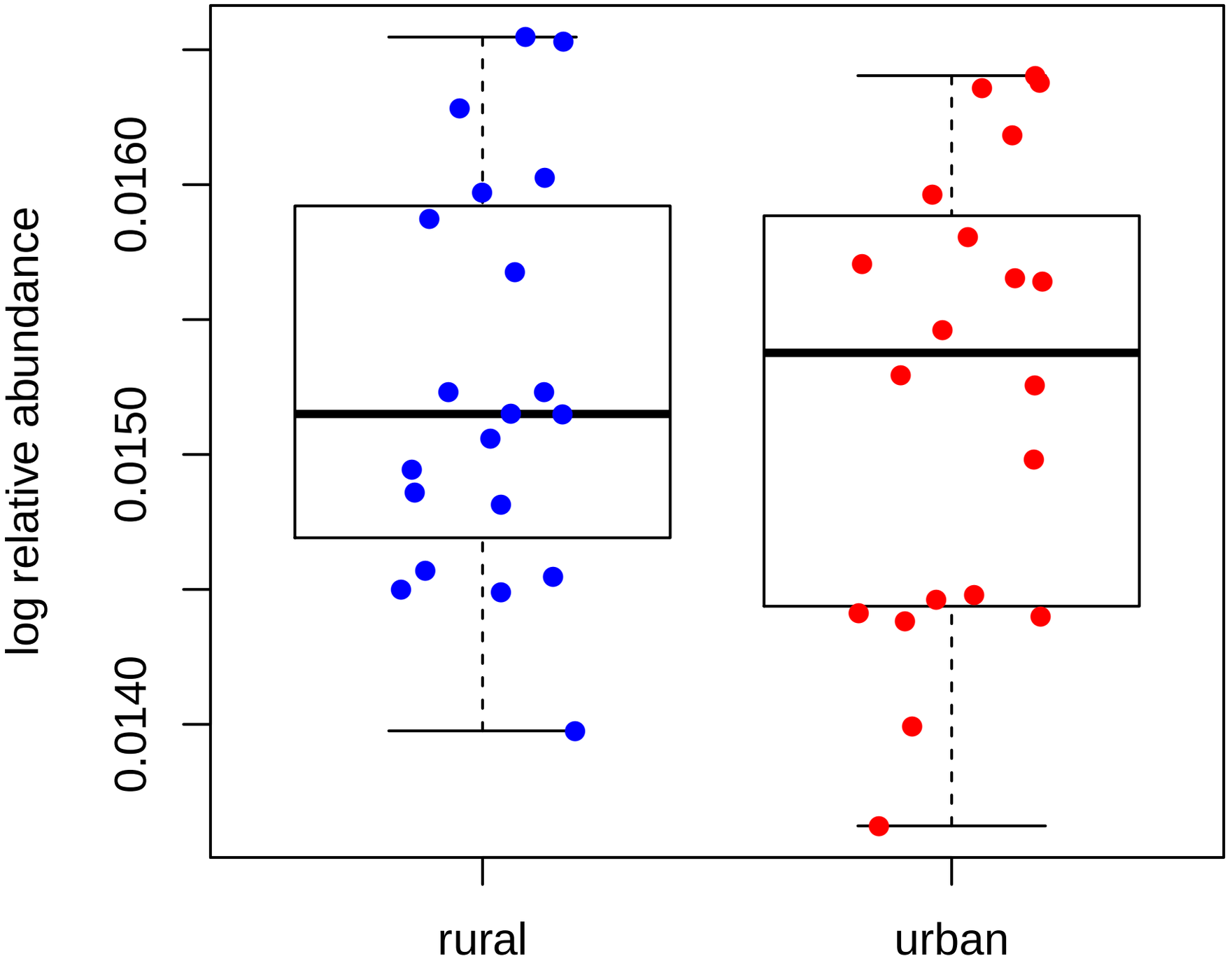

WGS pathway: ko04962
pAdjRuralUrban= 0.908
log relative abundance
0.00015
0.00020
0.00025
0.00030
rural
urban

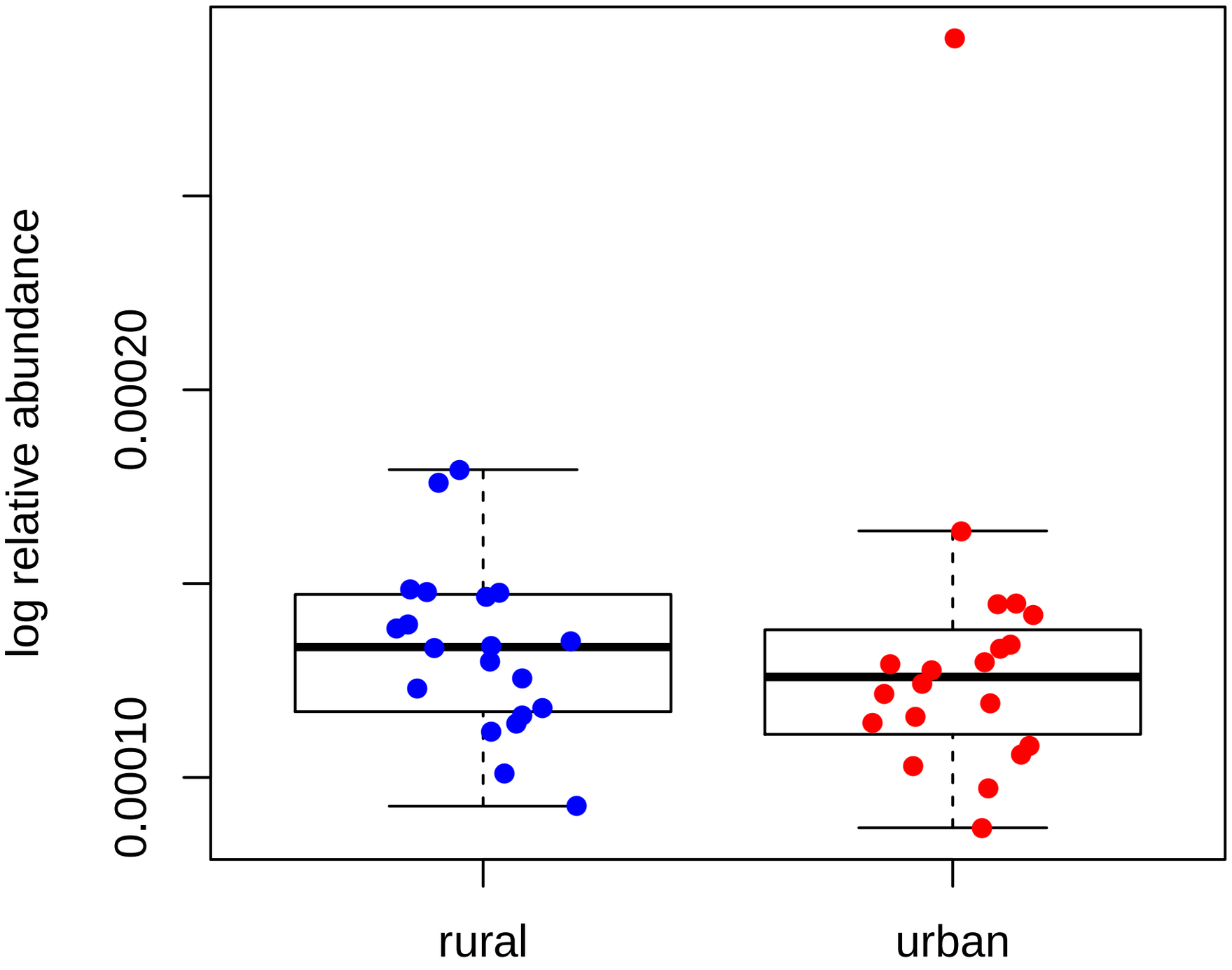

WGS pathway: ko04340
pAdjRuralUrban= 0.91
log relative abundance
0.00011
0.00013
0.00015
0.00017
rural
urban

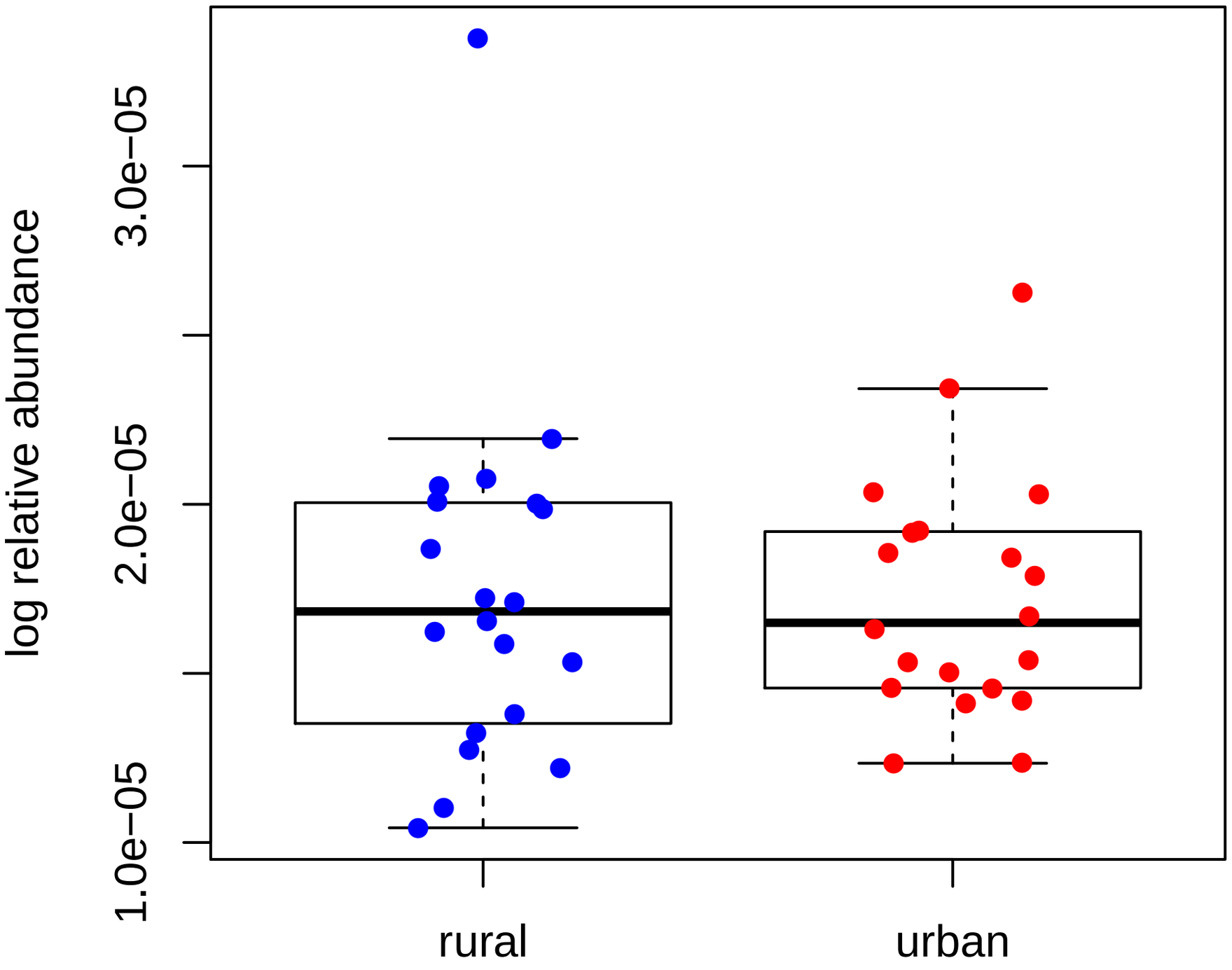

WGS pathway: ko04110
pAdjRuralUrban= 0.914
log relative abundance
0.00005
0.00015
0.00025
rural
urban

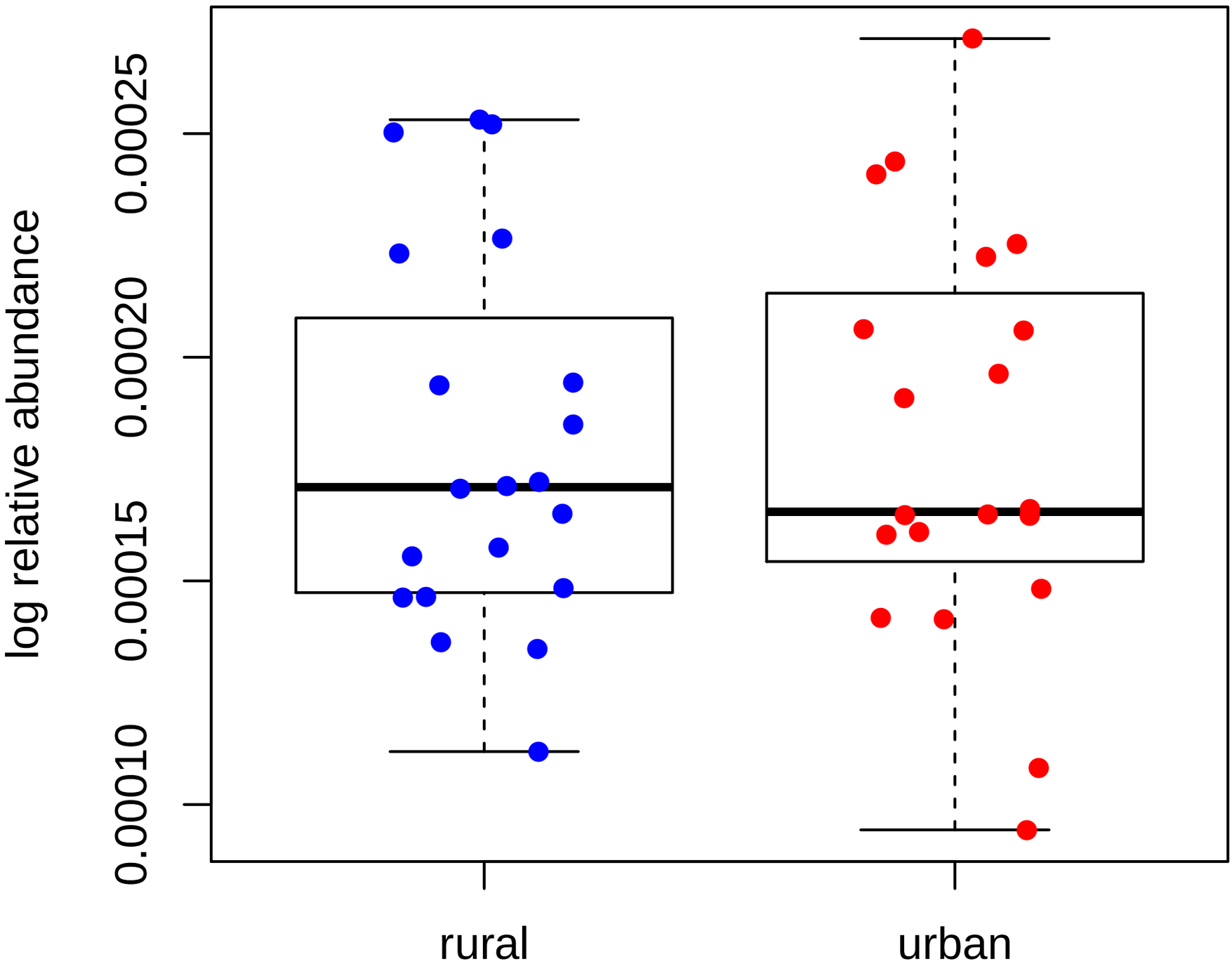

WGS pathway: ko05145
pAdjRuralUrban= 0.914
log relative abundance
5.0e−06
1.0e−05
1.5e−05
2.0e−05
rural
urban

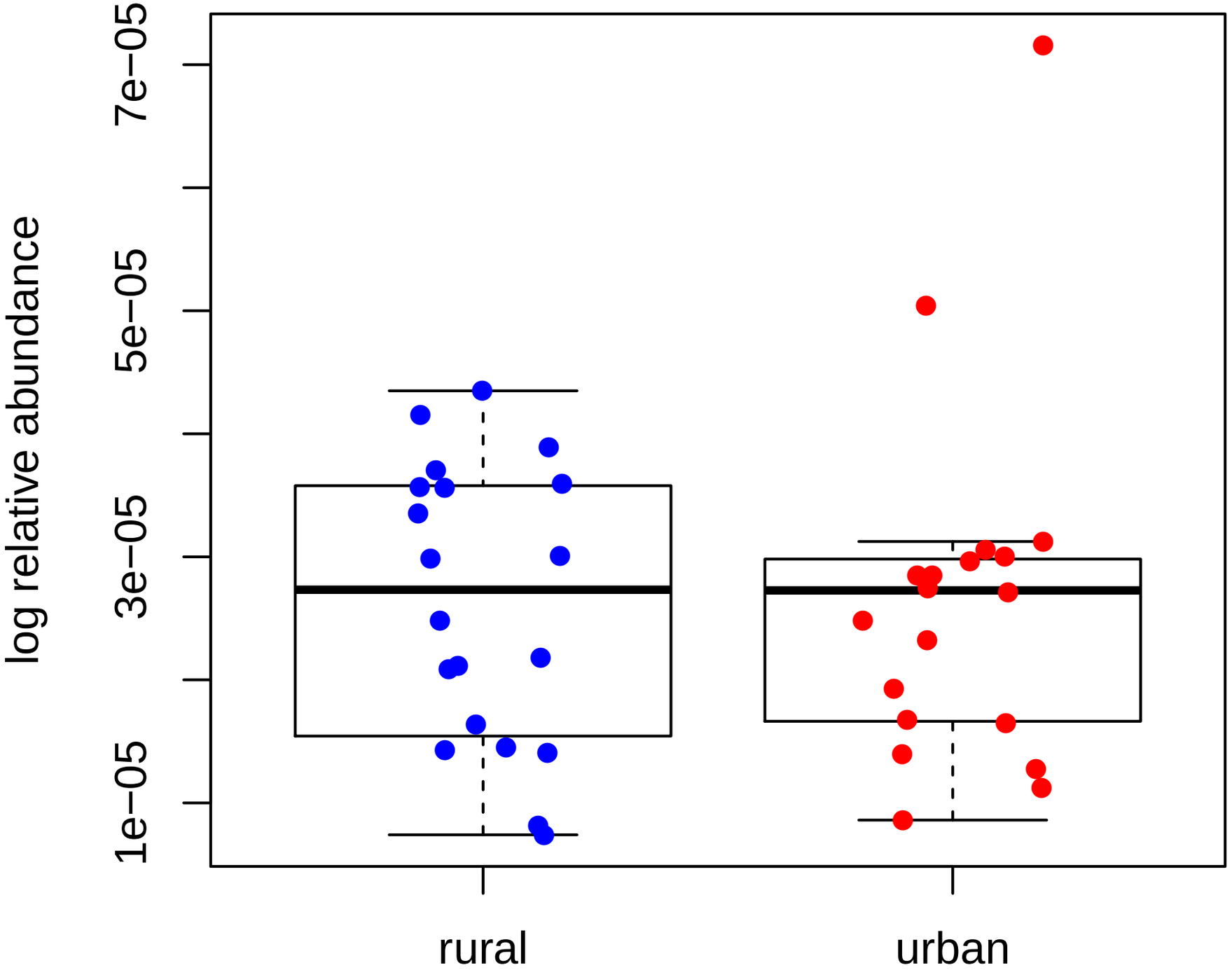

WGS pathway: ko04972
pAdjRuralUrban= 0.923
log relative abundance
2.0e−05
3.0e−05
4.0e−05
rural
urban

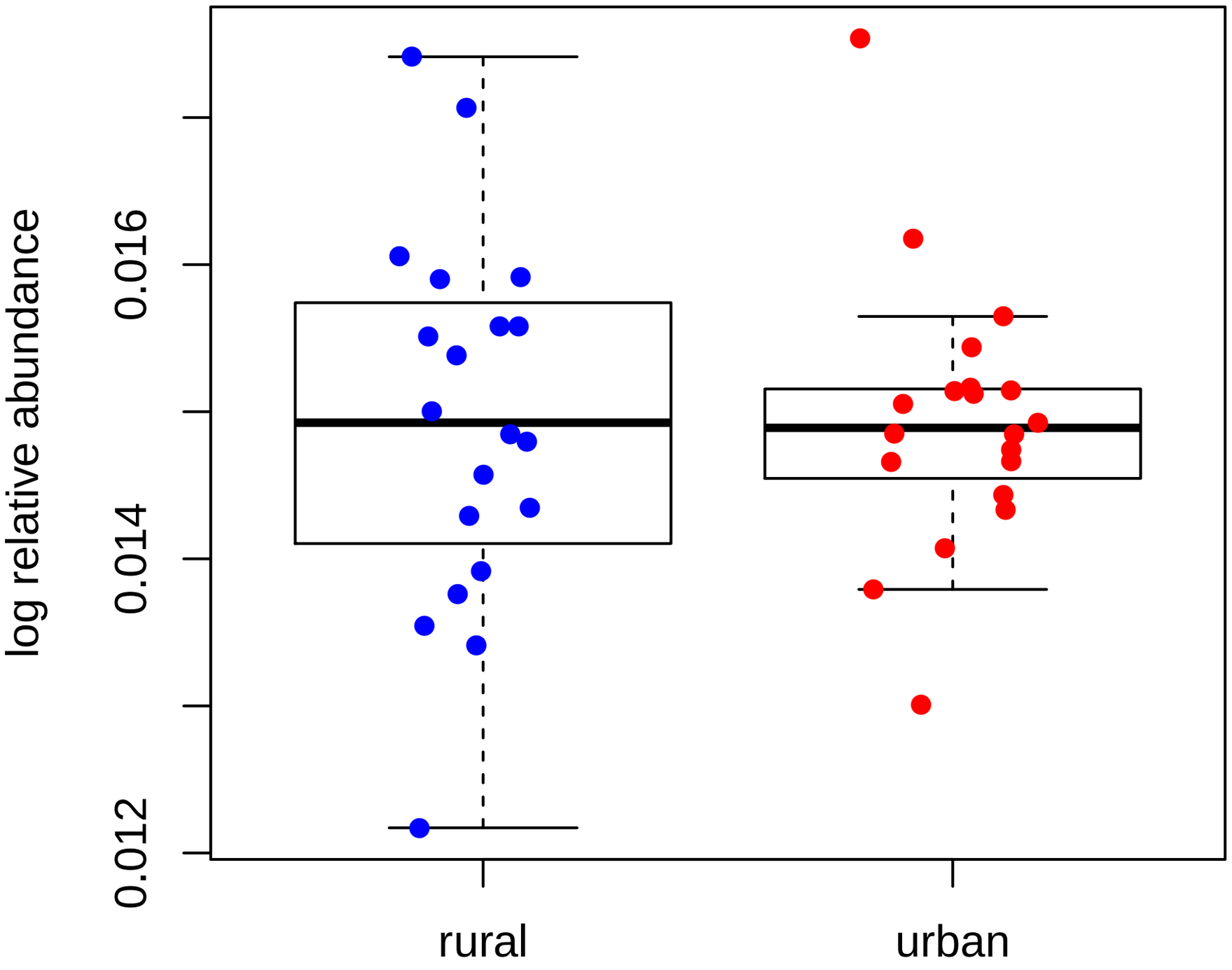

WGS pathway: ko00450
pAdjRuralUrban= 0.93
log relative abundance
0.0140
0.0150
0.0160
rural
urban

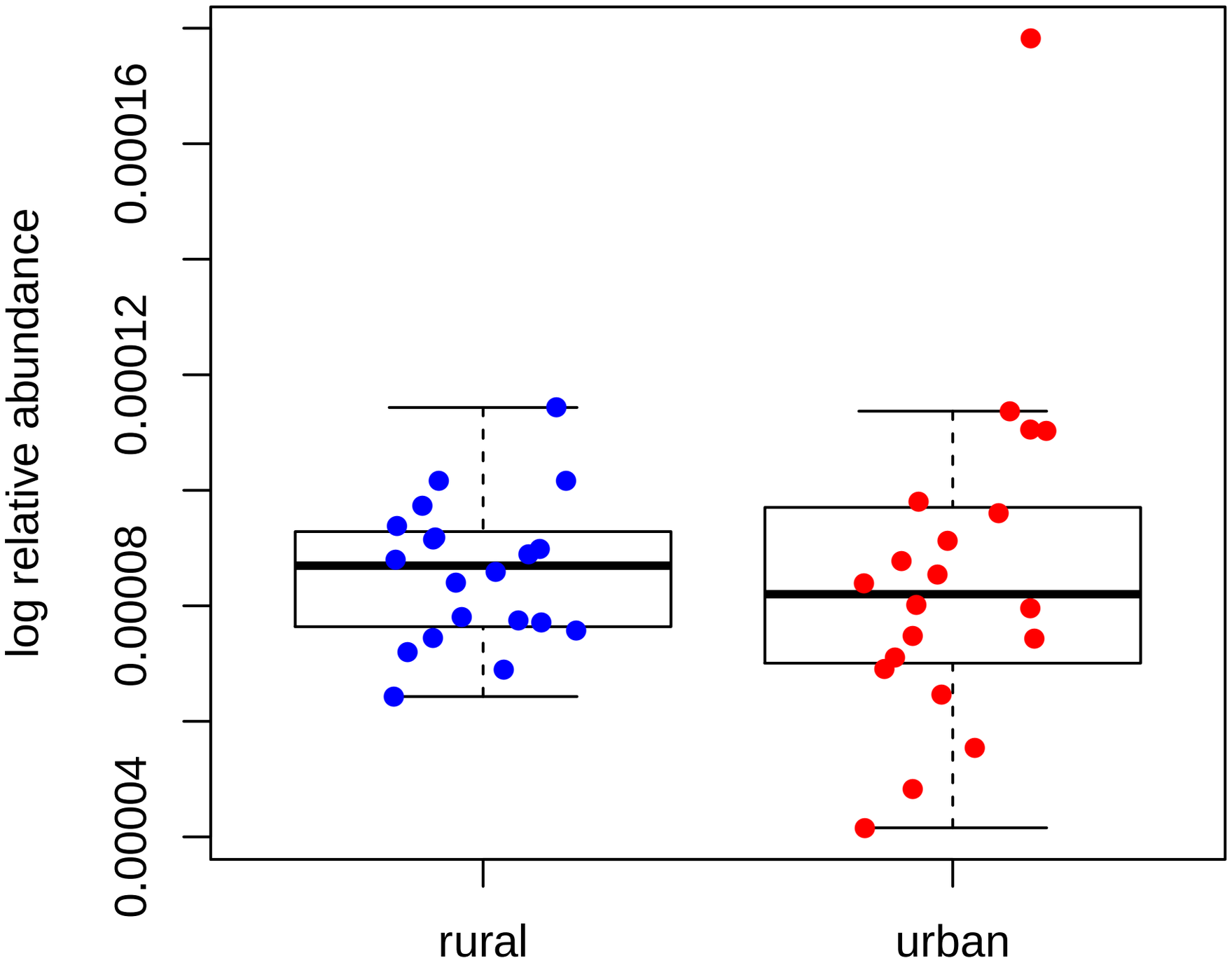

WGS pathway: ko00532
pAdjRuralUrban= 0.934
log relative abundance
0.00010
0.00020
rural
urban

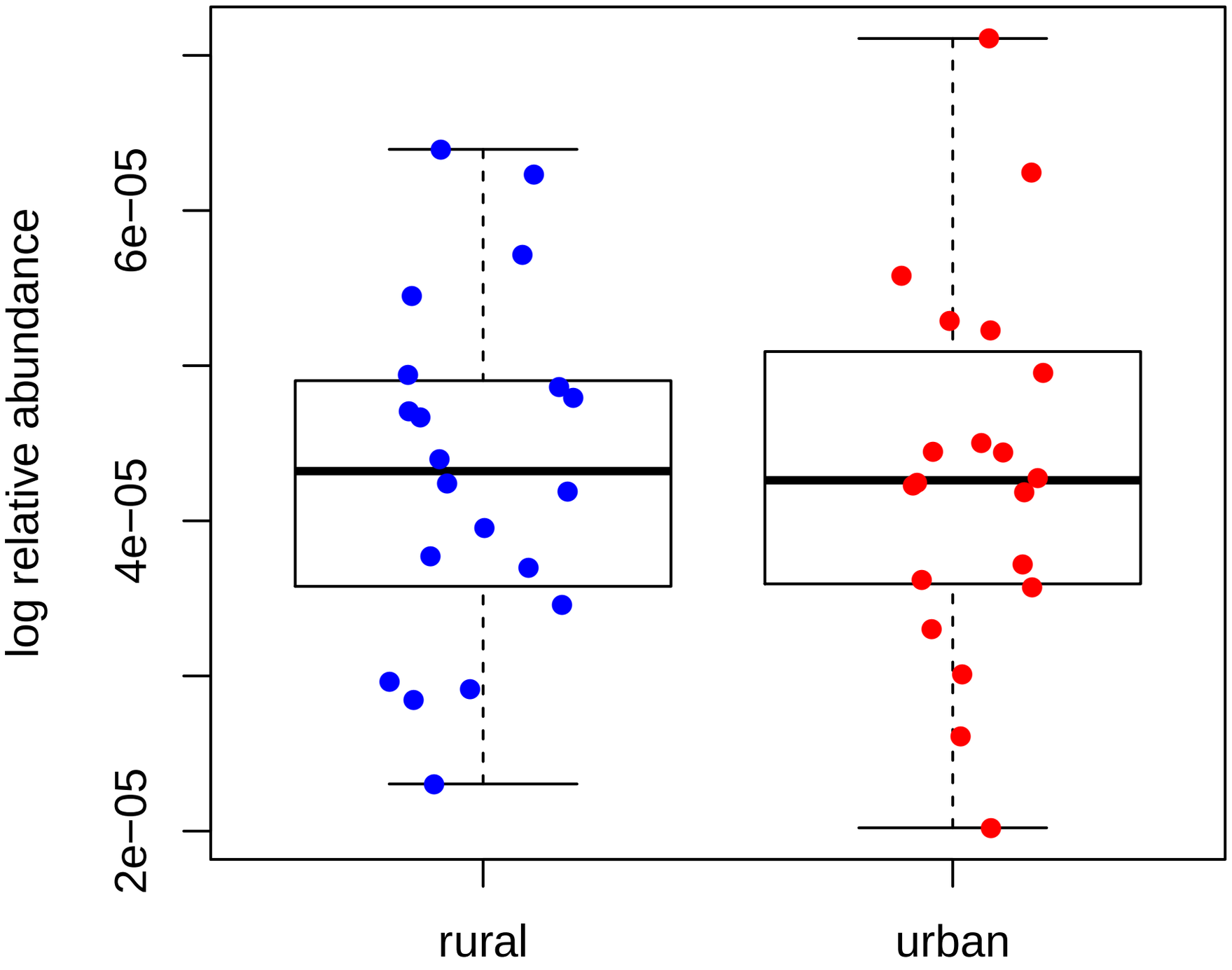

WGS pathway: ko05414
pAdjRuralUrban= 0.934
log relative abundance
1.0e−05
2.0e−05
3.0e−05
rural
urban


WGS pathway: ko00601
pAdjRuralUrban= 0.946
log relative abundance
0.00010
0.00015
0.00020
0.00025
rural
urban


WGS pathway: ko04711
pAdjRuralUrban= 0.96
log relative abundance
1e−05
3e−05
5e−05
7e−05
rural
urban


WGS pathway: ko00660
pAdjRuralUrban= 0.972
log relative abundance
0.012
0.014
0.016
rural
urban


WGS pathway: ko04672
pAdjRuralUrban= 0.988
log relative abundance
0.00004
0.00008
0.00012
0.00016
rural
urban


WGS pathway: ko00533
pAdjRuralUrban= 0.992
log relative abundance
2e−05
4e−05
6e−05
rural
urban