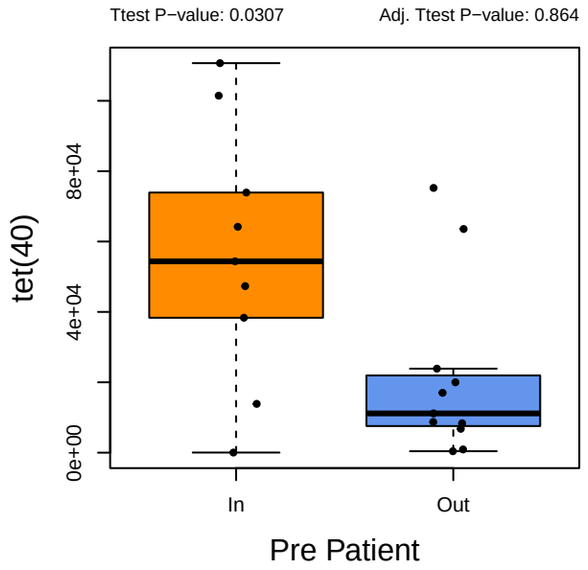
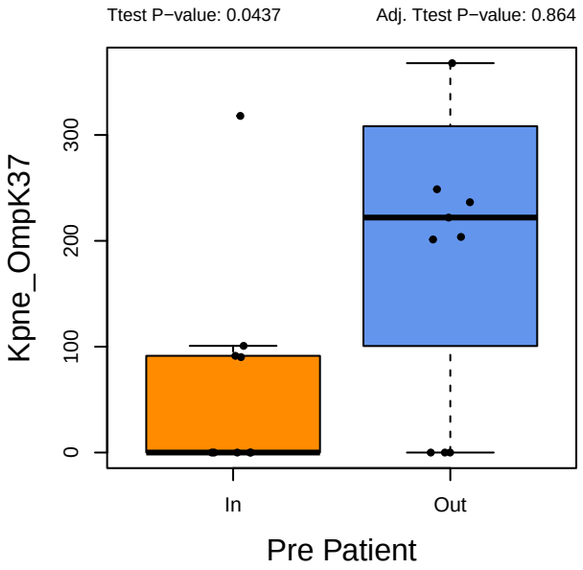
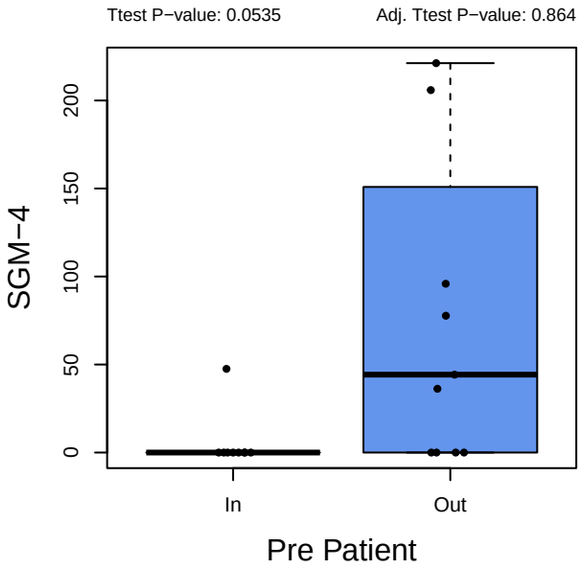
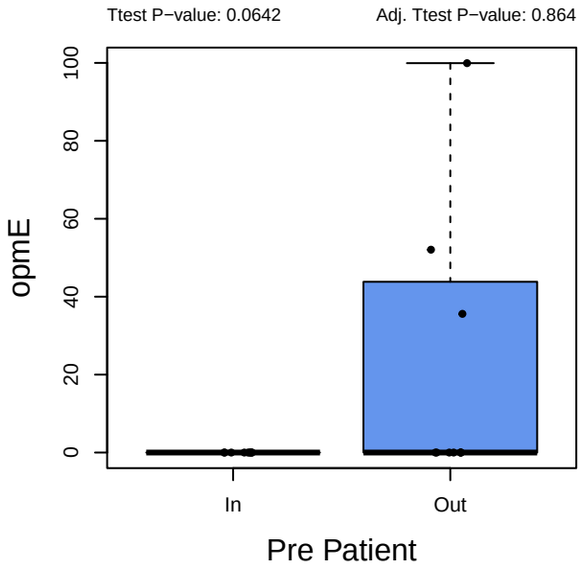
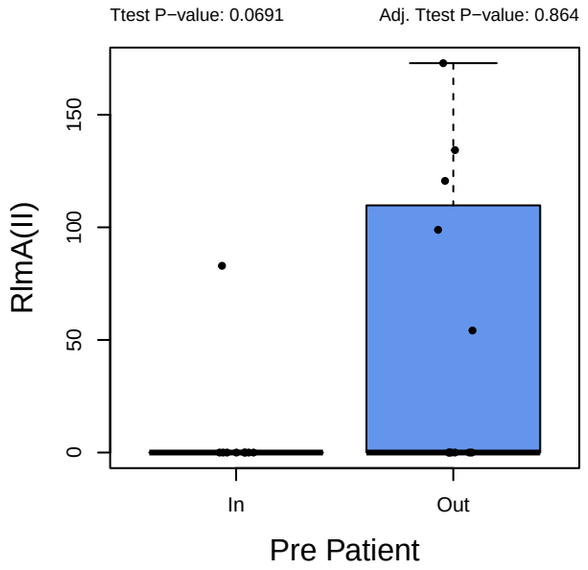
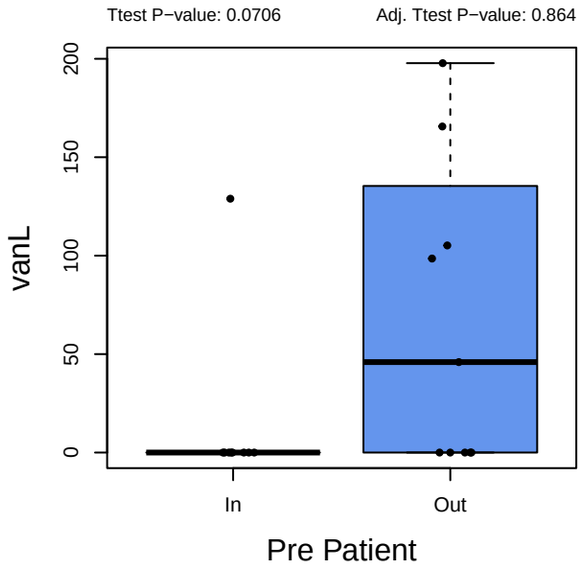

Ttest P−value: 0.0307
Adj. Ttest P−value: 0.864
tet(40)
0e+00
4e+04
8e+04
In
Out
Pre Patient

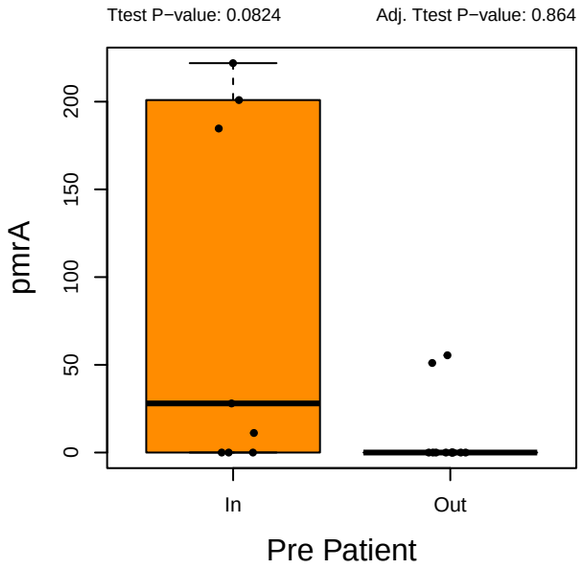

Ttest P−value: 0.0437
Adj. Ttest P−value: 0.864
Kpne_OmpK37
0
100
200
300
In
Out
Pre Patient

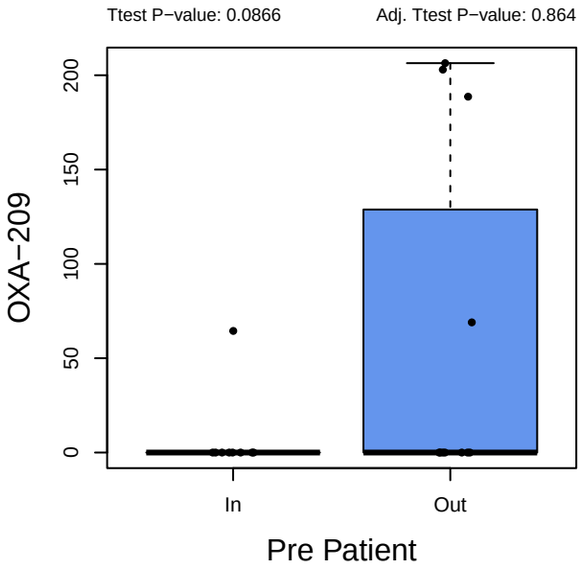

Ttest P−value: 0.0535
Adj. Ttest P−value: 0.864
SGM−4
0
50
100
150
200
In
Out
Pre Patient

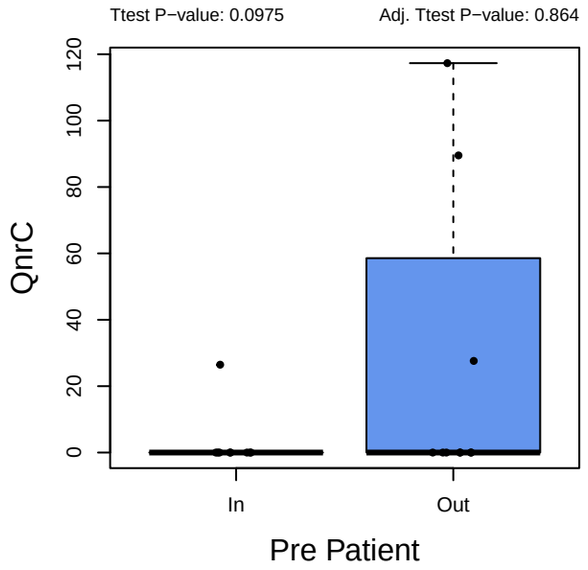

Ttest P−value: 0.0642
Adj. Ttest P−value: 0.864
opmE
0
20
40
60
80
100
In
Out
Pre Patient

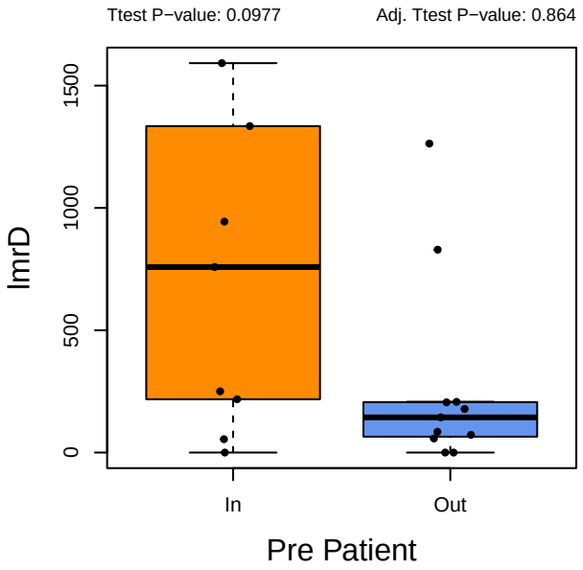

Ttest P−value: 0.0691
Adj. Ttest P−value: 0.864
RlmA(II)
0
50
100
150
In
Out
Pre Patient

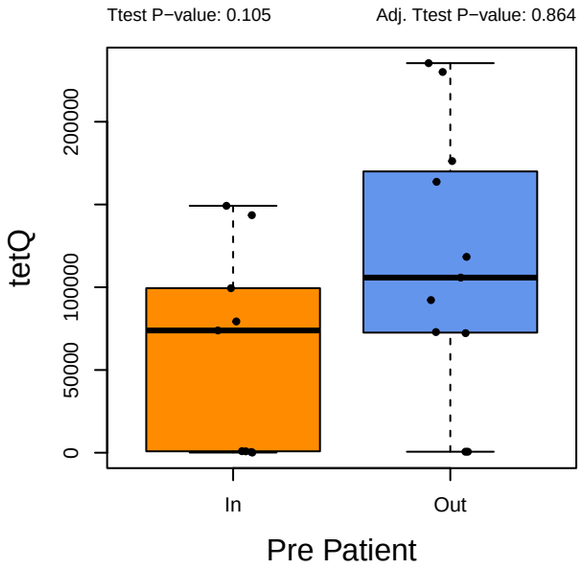

Ttest P−value: 0.0706
Adj. Ttest P−value: 0.864
vanL
0
50
100
150
200
In
Out
Pre Patient

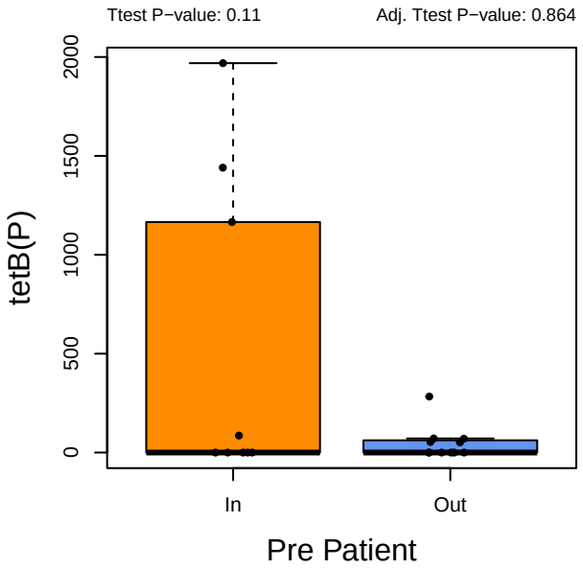

Ttest P−value: 0.0824
Adj. Ttest P−value: 0.864
pmrA
0
50
100
150
200
In
Out
Pre Patient

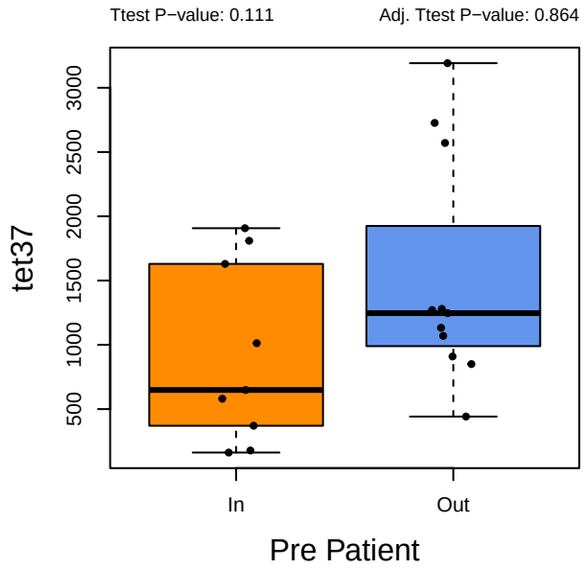

Ttest P−value: 0.0866
Adj. Ttest P−value: 0.864
OXA−209
0
50
100
150
200
In
Out
Pre Patient

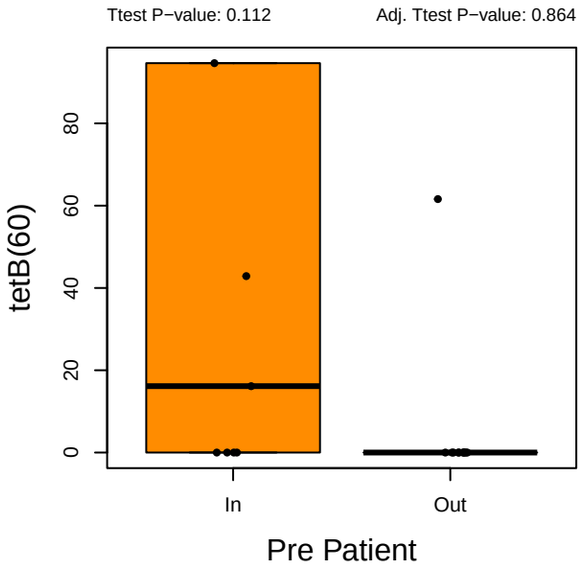

Ttest P−value: 0.0975
Adj. Ttest P−value: 0.864
QnrC
0
20
40
60
80
100
120
In
Out
Pre Patient

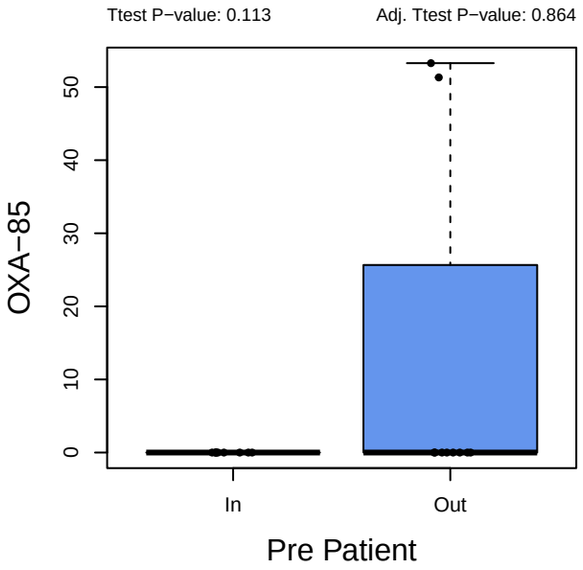

Ttest P−value: 0.0977
Adj. Ttest P−value: 0.864
lmrD
0
500
1000
1500
In
Out
Pre Patient

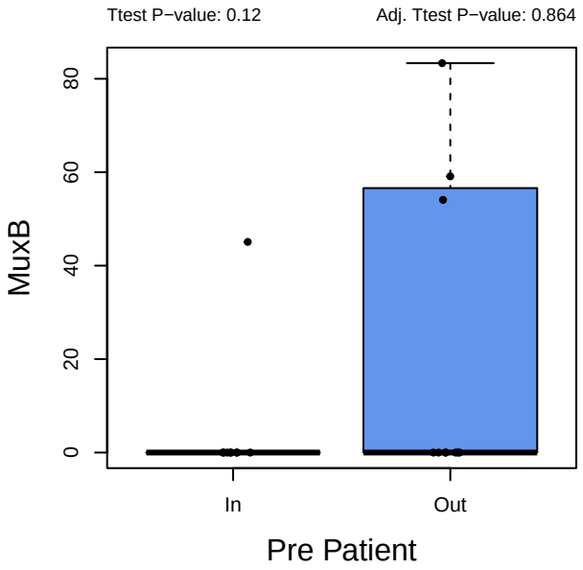

Ttest P−value: 0.105
Adj. Ttest P−value: 0.864
tetQ
0
50000
100000
200000
In
Out
Pre Patient

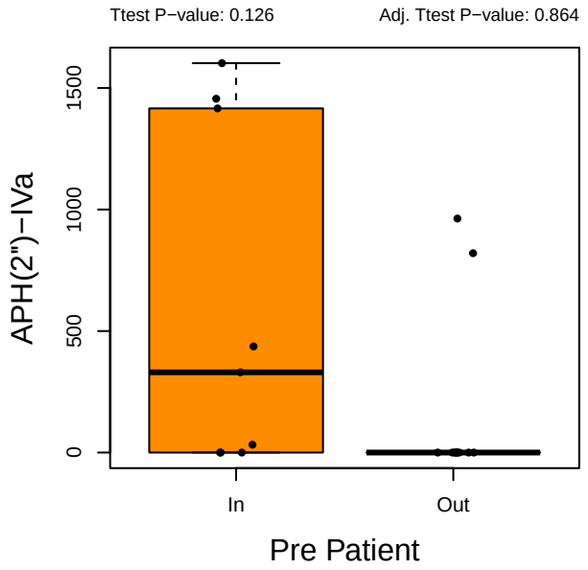

Ttest P−value: 0.11
Adj. Ttest P−value: 0.864
tetB(P)
0
500
1000
1500
2000
In
Out
Pre Patient

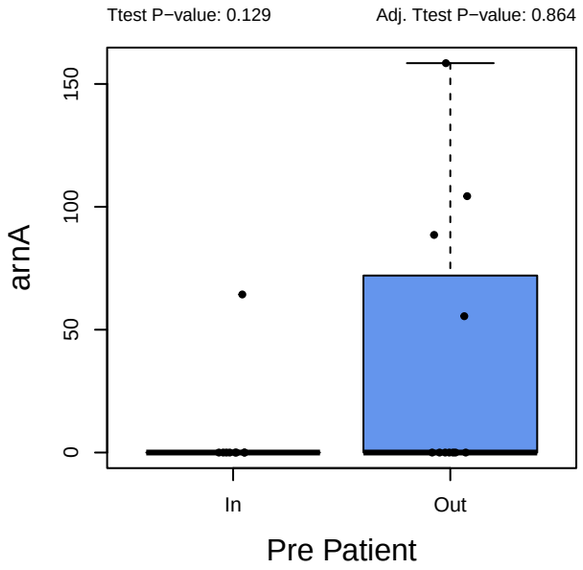

Ttest P−value: 0.111
Adj. Ttest P−value: 0.864
tet37
500
1000
1500
2000
2500
3000
In
Out
Pre Patient

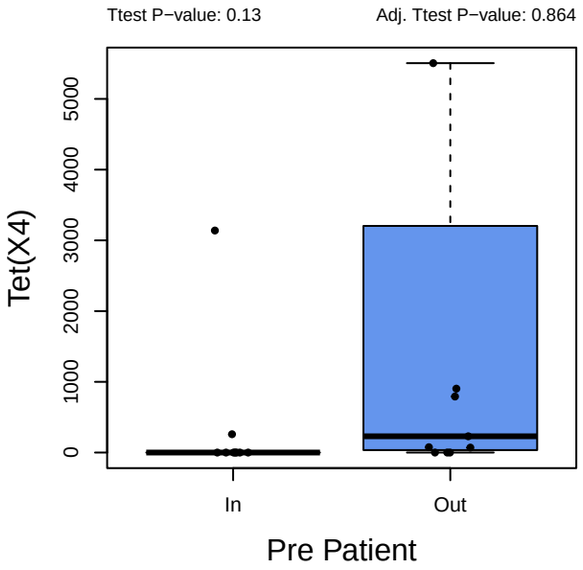

Ttest P−value: 0.112
Adj. Ttest P−value: 0.864
tetB(60)
0
20
40
60
80
In
Out
Pre Patient

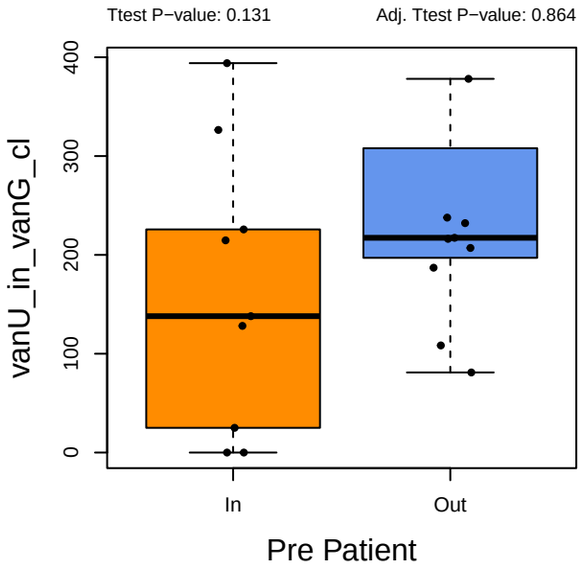

Ttest P−value: 0.113
Adj. Ttest P−value: 0.864
OXA−85
0
10
20
30
40
50
In
Out
Pre Patient

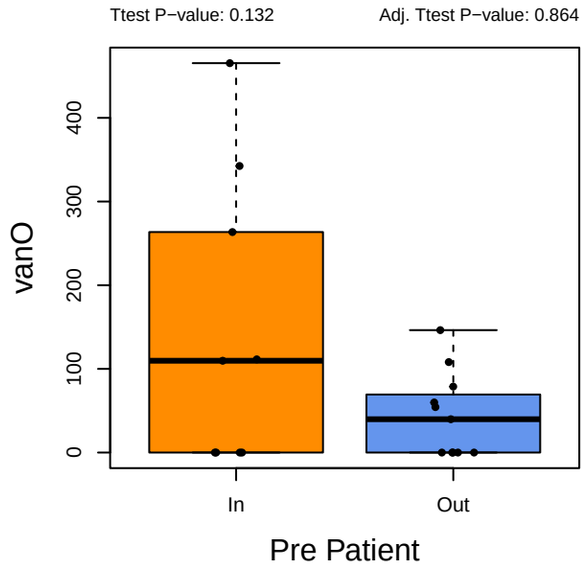

Ttest P−value: 0.12
Adj. Ttest P−value: 0.864
MuxB
0
20
40
60
80
In
Out
Pre Patient

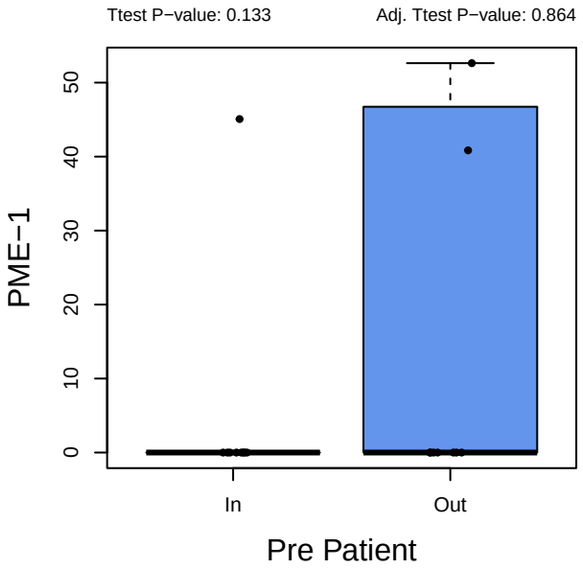

Ttest P−value: 0.126
Adj. Ttest P−value: 0.864
APH(2")−IVa
0
500
1000
1500
In
Out
Pre Patient

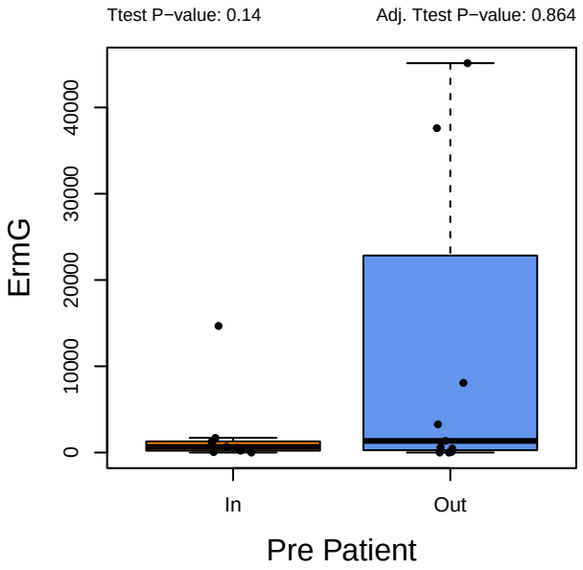

Ttest P−value: 0.129
Adj. Ttest P−value: 0.864
arnA
0
50
100
150
In
Out
Pre Patient

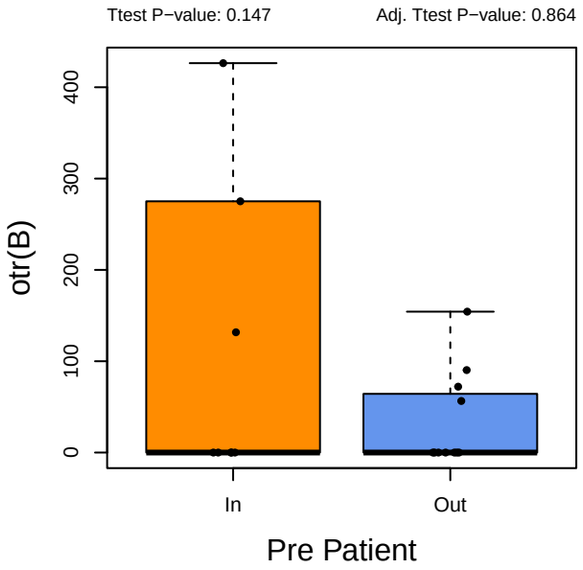

Ttest P−value: 0.13
Adj. Ttest P−value: 0.864
Tet(X4)
0
1000
2000
3000
4000
5000
In
Out
Pre Patient

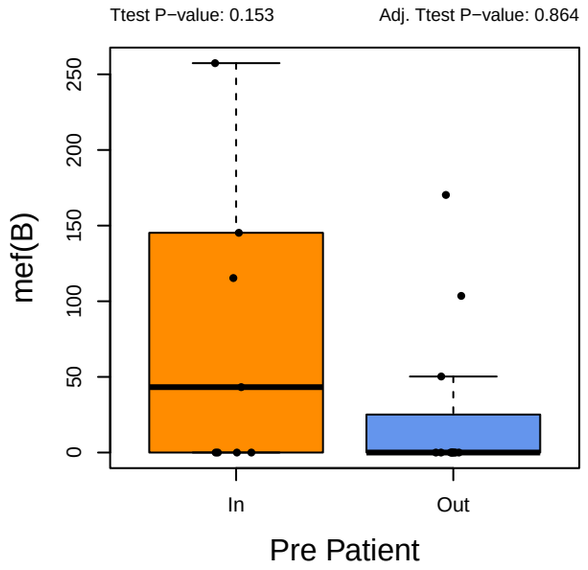

Ttest P−value: 0.131
Adj. Ttest P−value: 0.864
vanU_in_vanG_cl
0
100
200
300
400
In
Out
Pre Patient

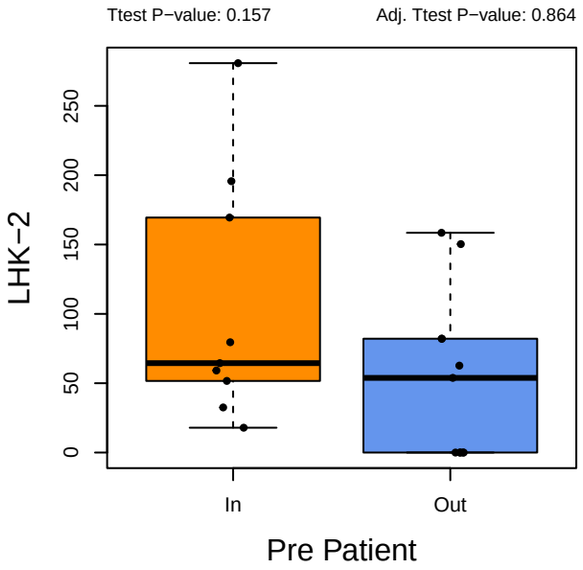

Ttest P−value: 0.132
Adj. Ttest P−value: 0.864
vanO
0
100
200
300
400
In
Out
Pre Patient

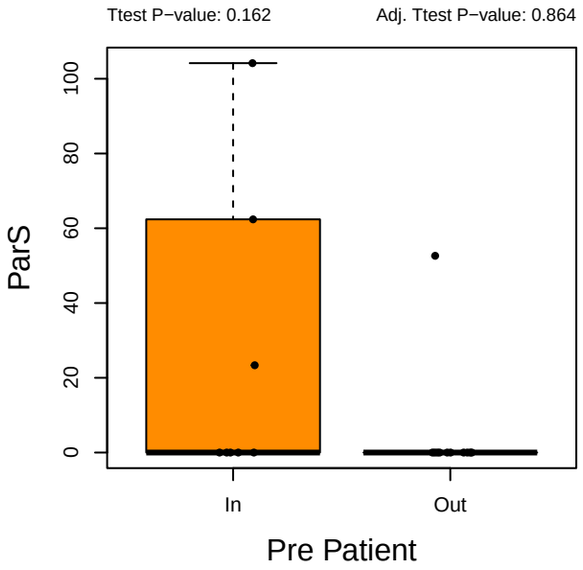

Ttest P−value: 0.133
Adj. Ttest P−value: 0.864
PME−1
0
10
20
30
40
50
In
Out
Pre Patient

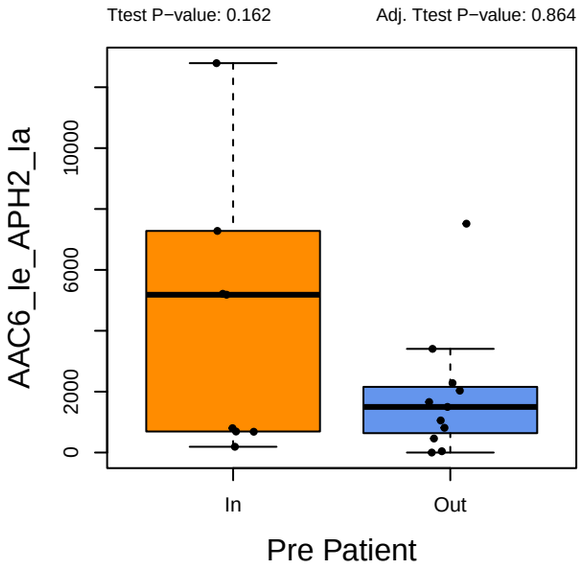

Ttest P−value: 0.14
Adj. Ttest P−value: 0.864
ErmG
0
10000
20000
30000
40000
In
Out
Pre Patient

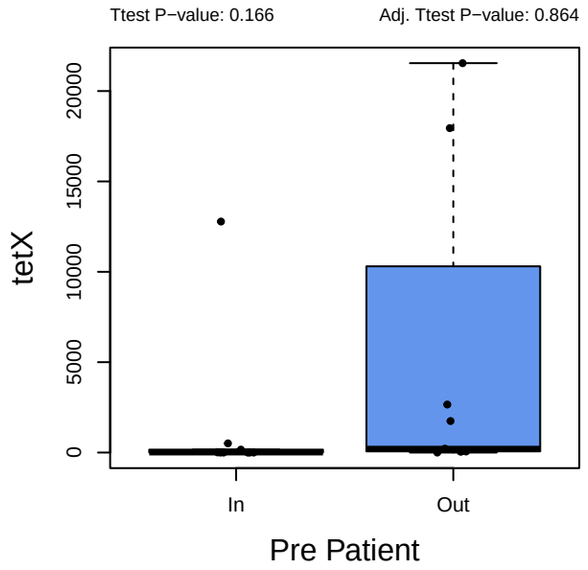

Ttest P−value: 0.147
Adj. Ttest P−value: 0.864
otr(B)
0
100
200
300
400
In
Out
Pre Patient

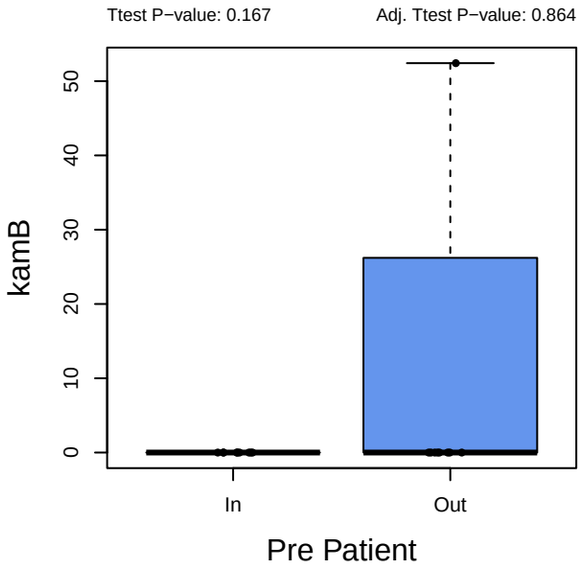

Ttest P−value: 0.153
Adj. Ttest P−value: 0.864
mef(B)
0
50
100
150
200
250
In
Out
Pre Patient

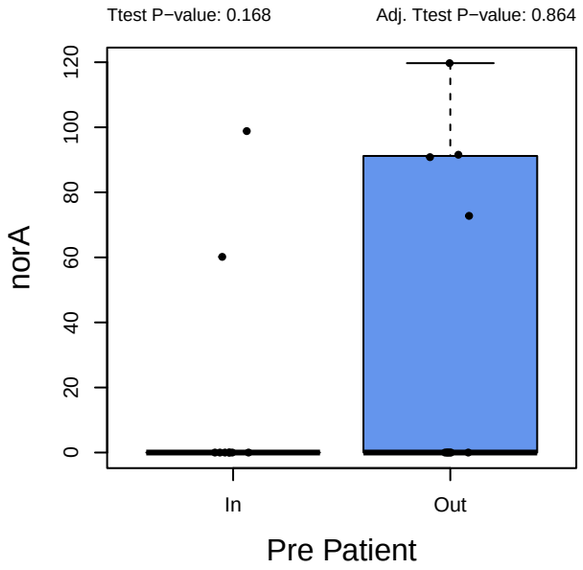

Ttest P−value: 0.157
Adj. Ttest P−value: 0.864
LHK−2
0
50
100
150
200
250
In
Out
Pre Patient

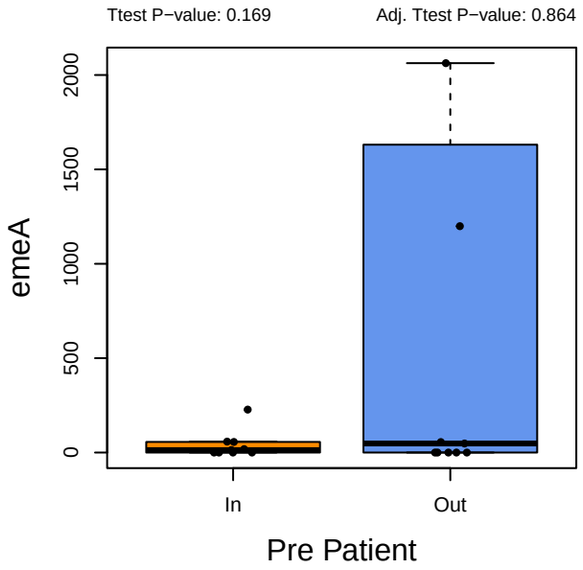

Ttest P−value: 0.162
Adj. Ttest P−value: 0.864
ParS
0
20
40
60
80
100
In
Out
Pre Patient

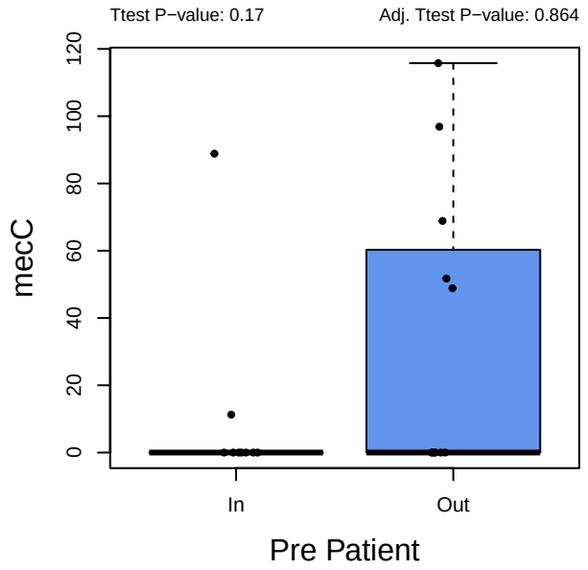

Ttest P−value: 0.162
Adj. Ttest P−value: 0.864
AAC6_Ie_APH2_Ia
0
2000
6000
10000
In
Out
Pre Patient

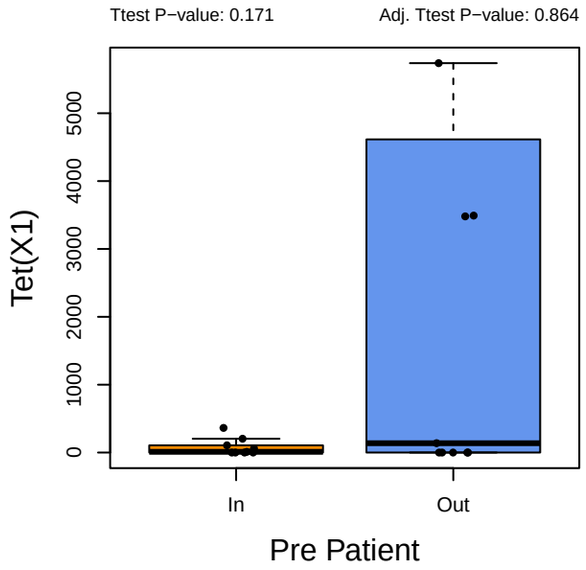

Ttest P−value: 0.166
Adj. Ttest P−value: 0.864
tetX
0
5000
10000
15000
20000
In
Out
Pre Patient

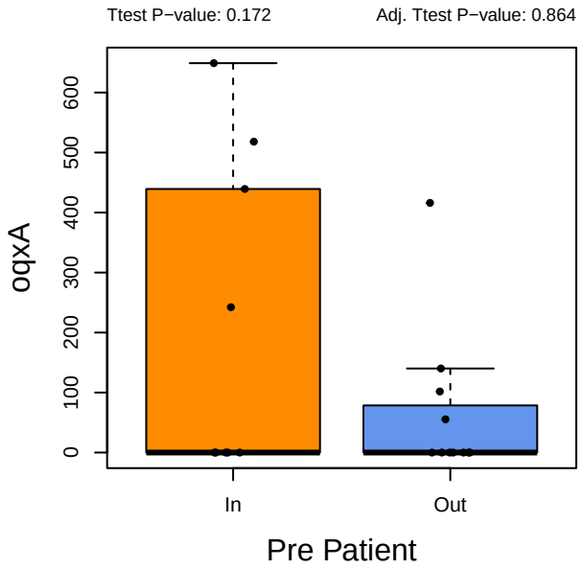

Ttest P−value: 0.167
Adj. Ttest P−value: 0.864
kamB
0
10
20
30
40
50
In
Out
Pre Patient

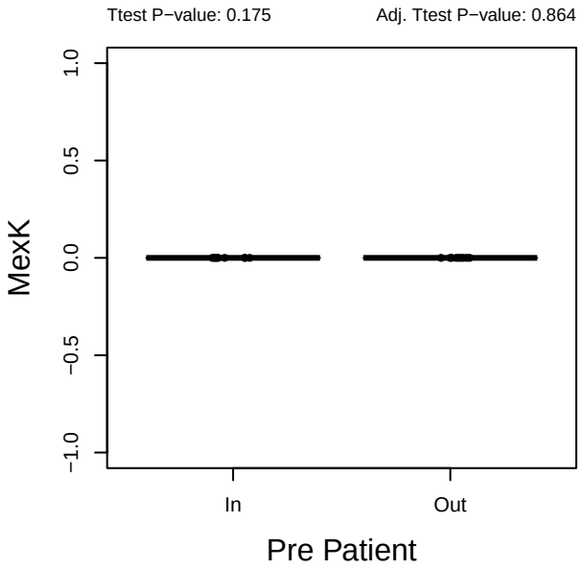

Ttest P−value: 0.168
Adj. Ttest P−value: 0.864
norA
0
20
40
60
80
100
120
In
Out
Pre Patient

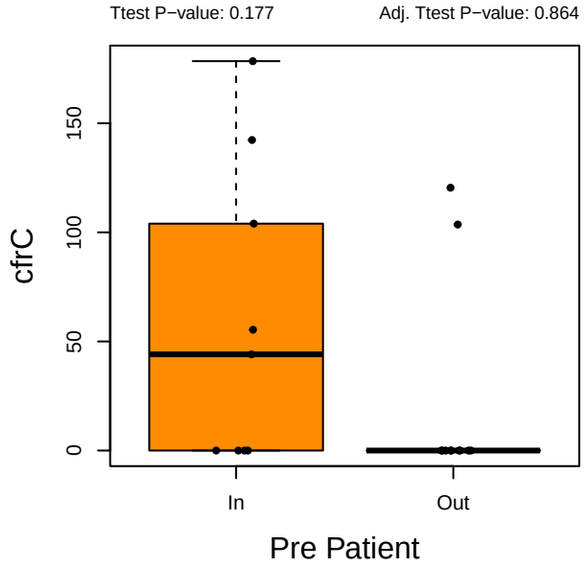

Ttest P−value: 0.169
Adj. Ttest P−value: 0.864
emeA
0
500
1000
1500
2000
In
Out
Pre Patient

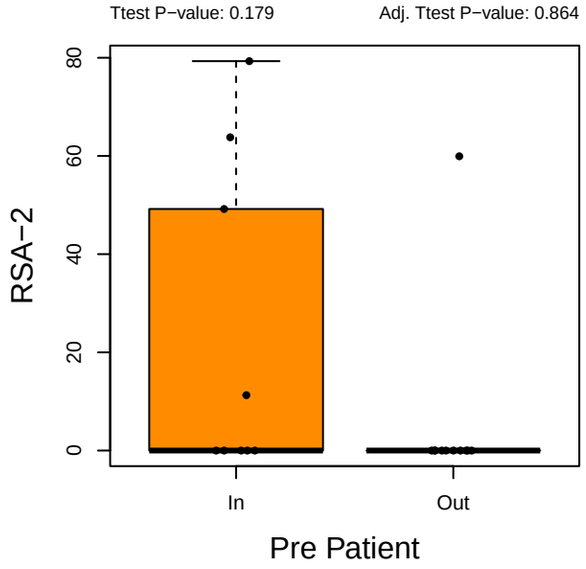

Ttest P−value: 0.17
Adj. Ttest P−value: 0.864
mecC
0
20
40
60
80
100
120
In
Out
Pre Patient

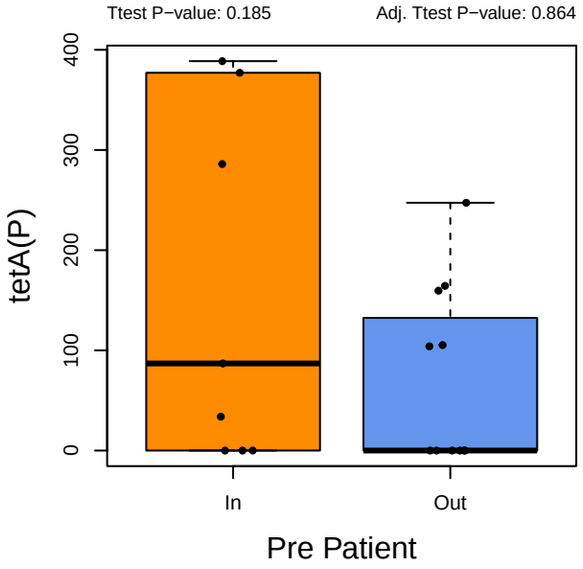

Ttest P−value: 0.171
Adj. Ttest P−value: 0.864
Tet(X1)
0
1000
2000
3000
4000
5000
In
Out
Pre Patient

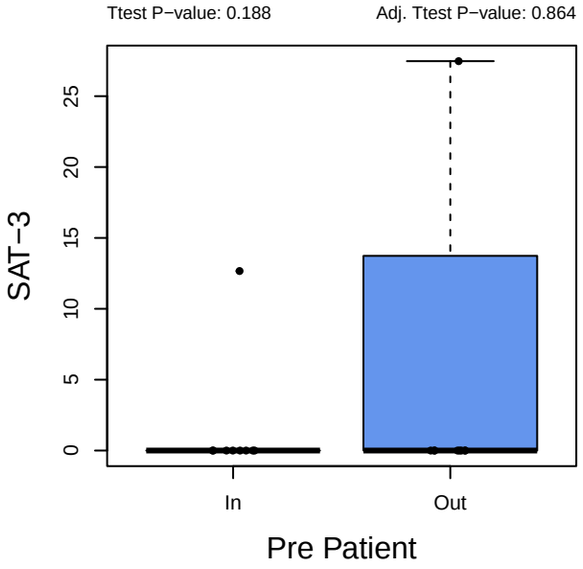

Ttest P−value: 0.172
Adj. Ttest P−value: 0.864
oqxA
0
100
200
300
400
500
600
In
Out
Pre Patient

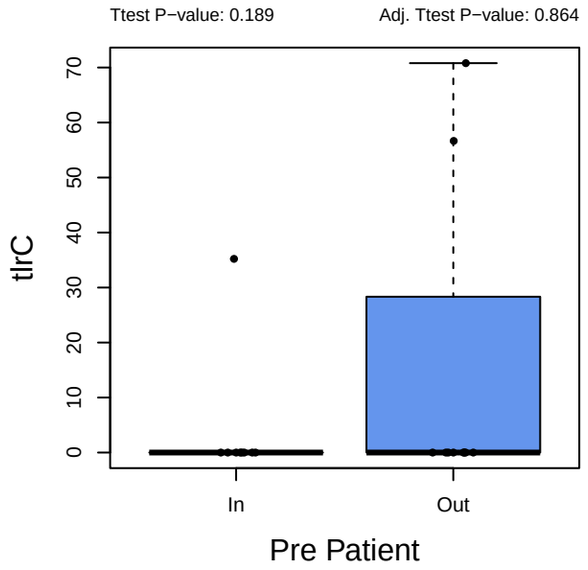

Ttest P−value: 0.175
Adj. Ttest P−value: 0.864
MexK
−1.0
−0.5
0.0
0.5
1.0
In
Out
Pre Patient

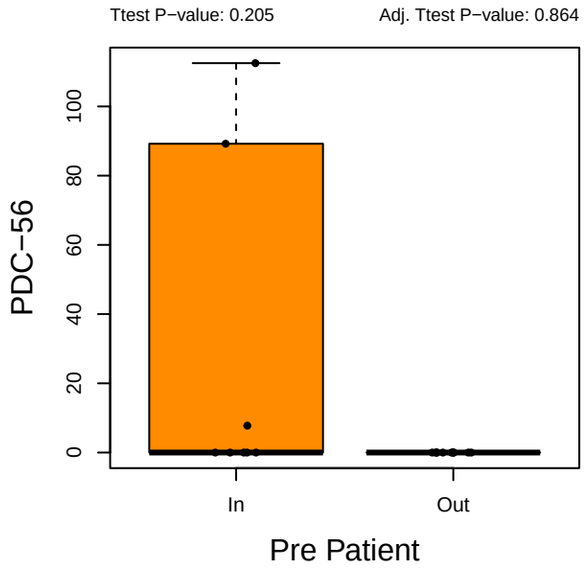

Ttest P−value: 0.177
Adj. Ttest P−value: 0.864
cfrC
0
50
100
150
In
Out
Pre Patient

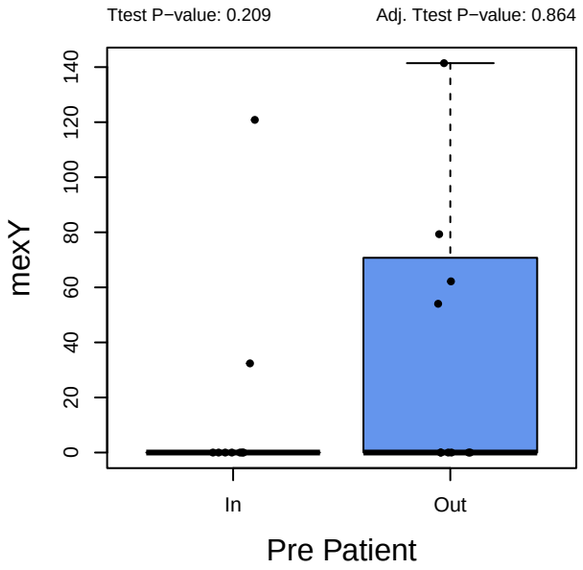

Ttest P−value: 0.179
Adj. Ttest P−value: 0.864
RSA−2
0
20
40
60
80
In
Out
Pre Patient

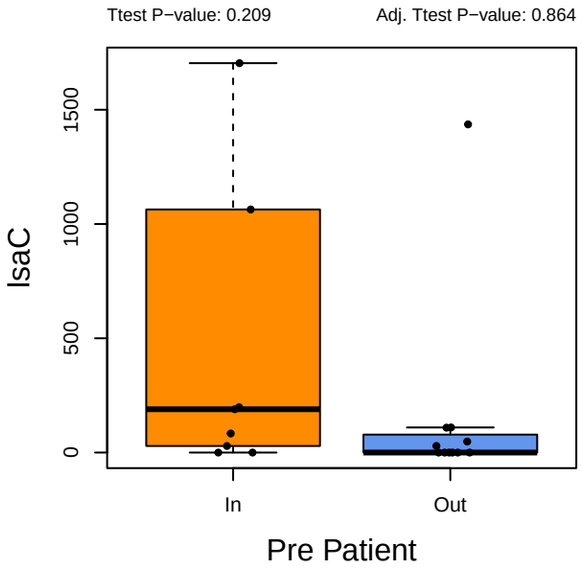

Ttest P−value: 0.185
Adj. Ttest P−value: 0.864
tetA(P)
0
100
200
300
400
In
Out
Pre Patient

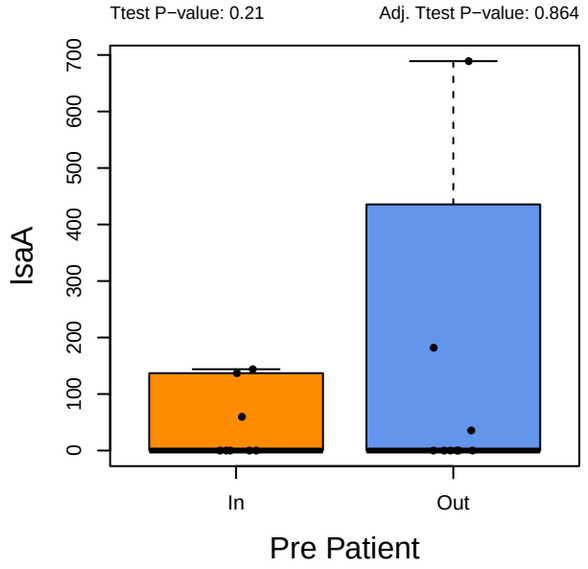

Ttest P−value: 0.188
Adj. Ttest P−value: 0.864
SAT−3
0
5
10
15
20
25
In
Out
Pre Patient

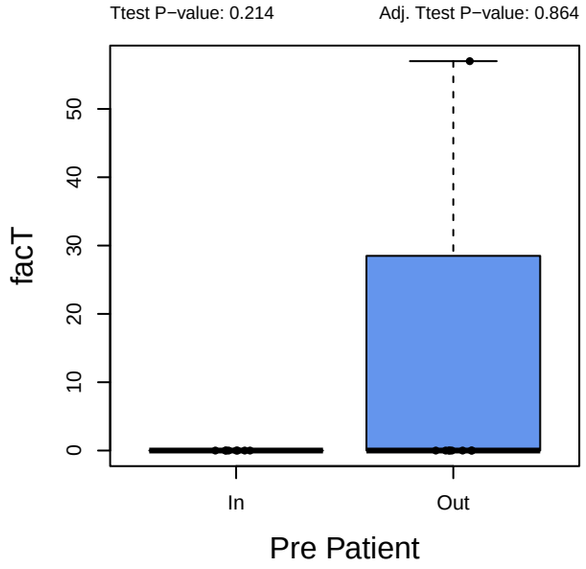

Ttest P−value: 0.189
Adj. Ttest P−value: 0.864
tlrC
0
10
20
30
40
50
60
70
In
Out
Pre Patient

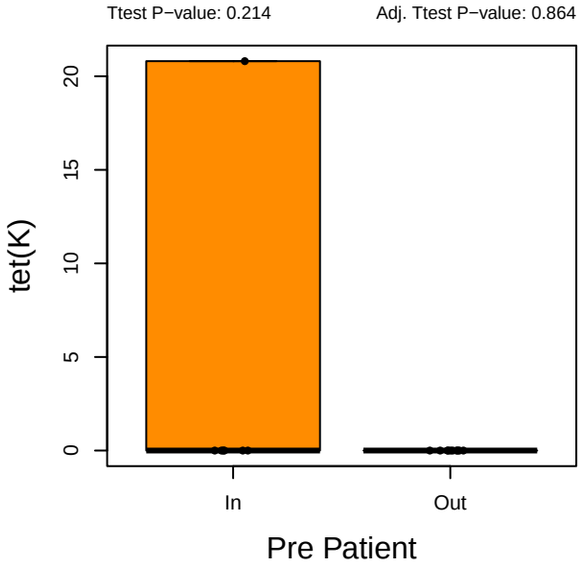

Ttest P−value: 0.205
Adj. Ttest P−value: 0.864
PDC−56
0
20
40
60
80
100
In
Out
Pre Patient

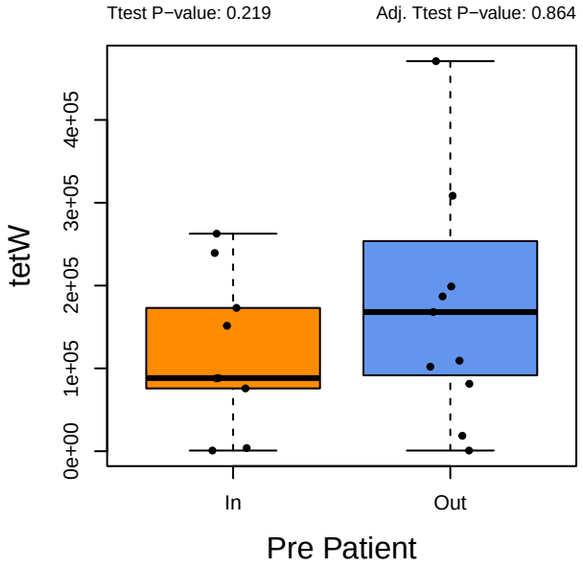

Ttest P−value: 0.209
Adj. Ttest P−value: 0.864
mexY
0
20
40
60
80
100
120
140
In
Out
Pre Patient

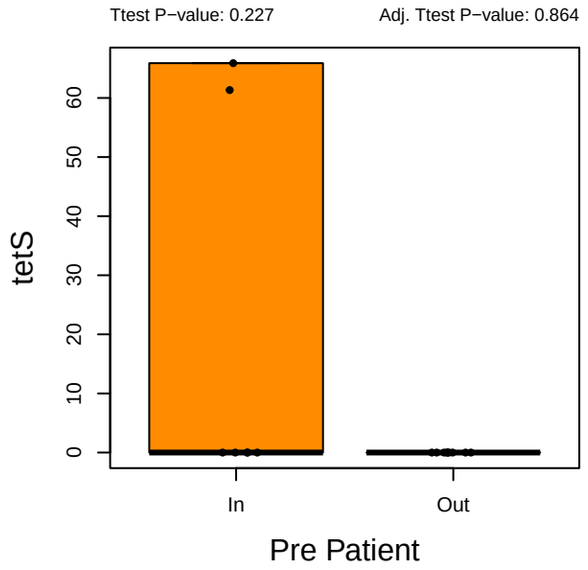

Ttest P−value: 0.209
Adj. Ttest P−value: 0.864
lsaC
0
500
1000
1500
In
Out
Pre Patient

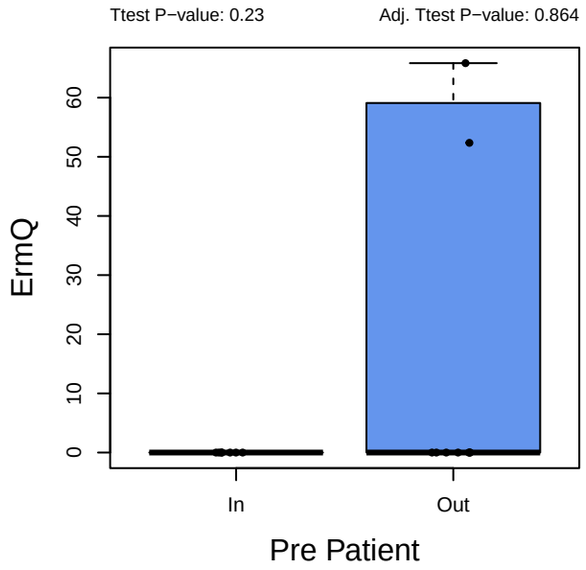

Ttest P−value: 0.21
Adj. Ttest P−value: 0.864
lsaA
0
100
200
300
400
500
600
700
In
Out
Pre Patient

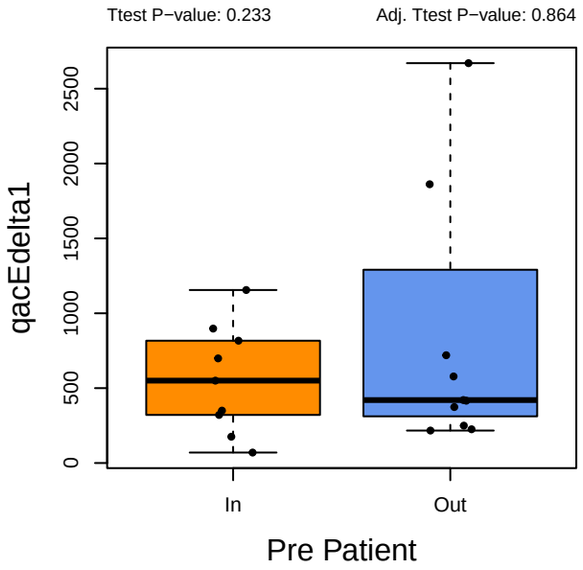

Ttest P−value: 0.214
Adj. Ttest P−value: 0.864
facT
0
10
20
30
40
50
In
Out
Pre Patient

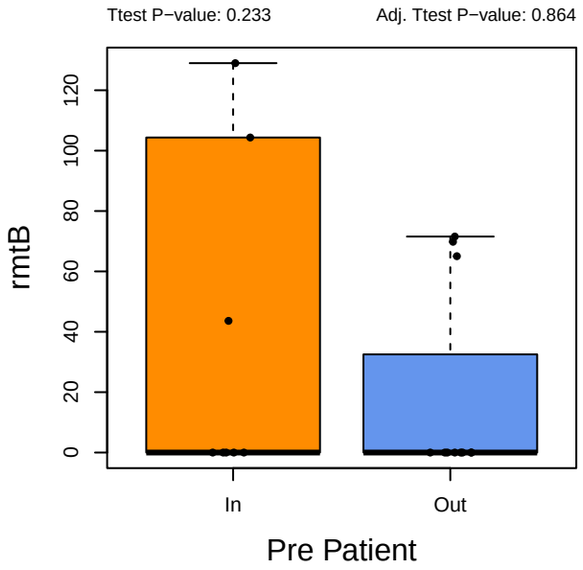

Ttest P−value: 0.214
Adj. Ttest P−value: 0.864
tet(K)
0
5
10
15
20
In
Out
Pre Patient

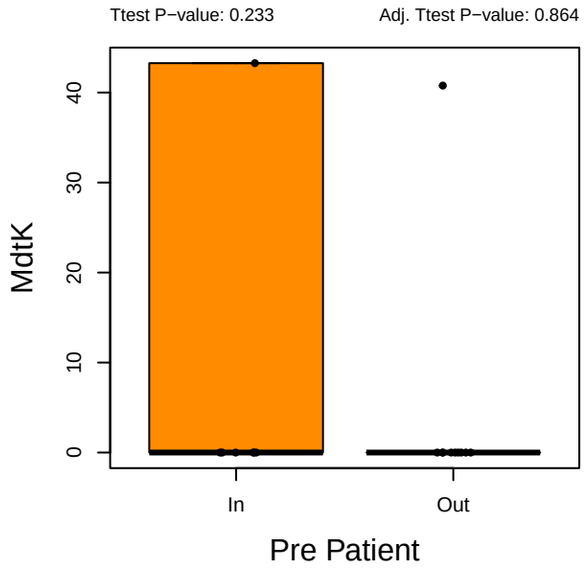

Ttest P−value: 0.219
Adj. Ttest P−value: 0.864
tetW
0e+00
1e+05
2e+05
3e+05
4e+05
In
Out
Pre Patient

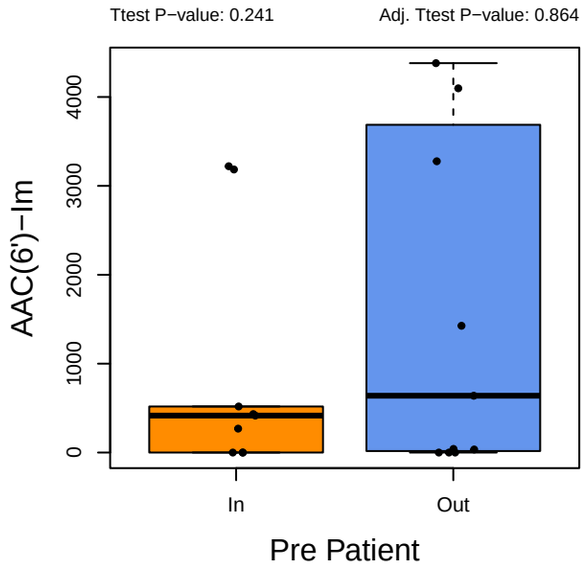

Ttest P−value: 0.227
Adj. Ttest P−value: 0.864
tetS
0
10
20
30
40
50
60
In
Out
Pre Patient

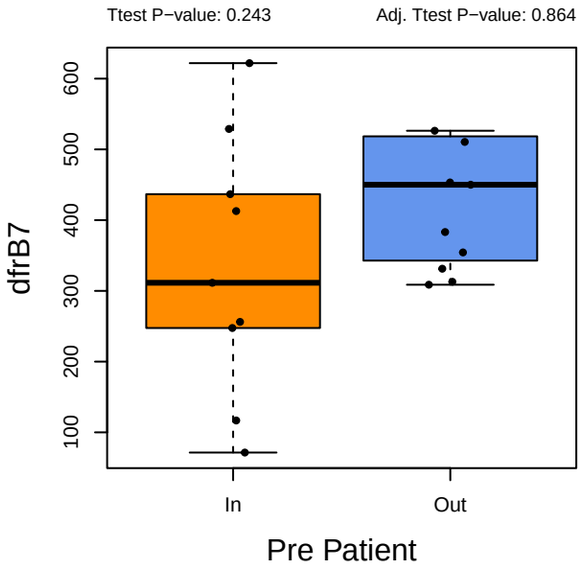

Ttest P−value: 0.23
Adj. Ttest P−value: 0.864
ErmQ
0
10
20
30
40
50
60
In
Out
Pre Patient

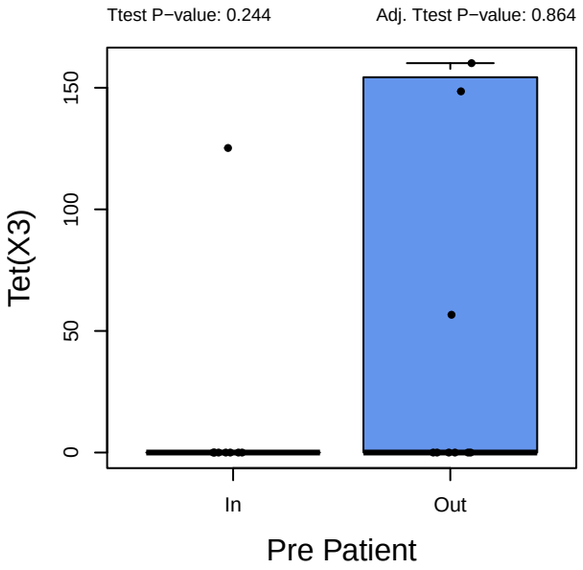

Ttest P−value: 0.233
Adj. Ttest P−value: 0.864
qacEdelta1
0
500
1000
1500
2000
2500
In
Out
Pre Patient

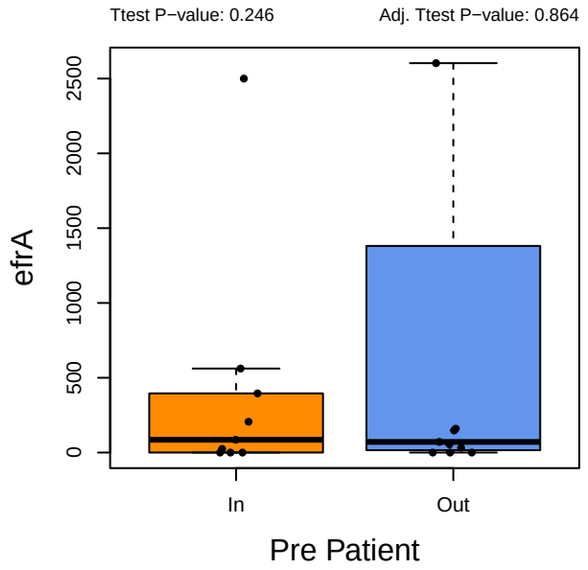

Ttest P−value: 0.233
Adj. Ttest P−value: 0.864
rmtB
0
20
40
60
80
100
120
In
Out
Pre Patient

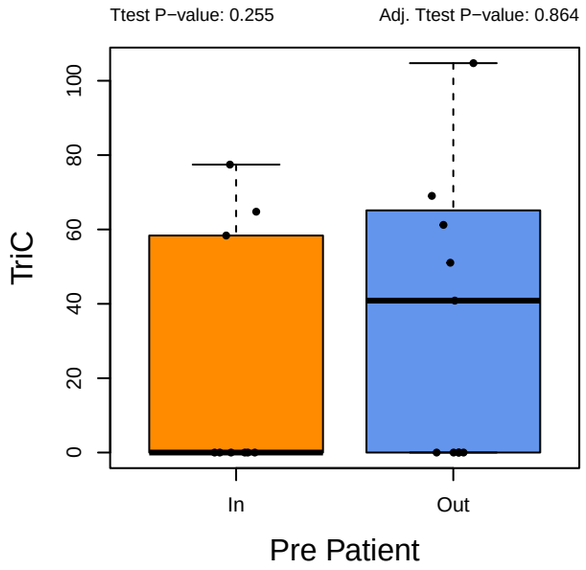

Ttest P−value: 0.233
Adj. Ttest P−value: 0.864
MdtK
0
10
20
30
40
In
Out
Pre Patient

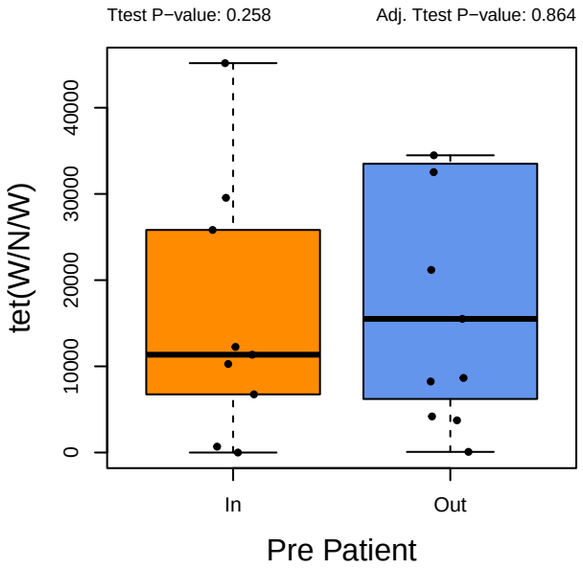

Ttest P−value: 0.241
Adj. Ttest P−value: 0.864
AAC(6')−Im
0
1000
2000
3000
4000
In
Out
Pre Patient

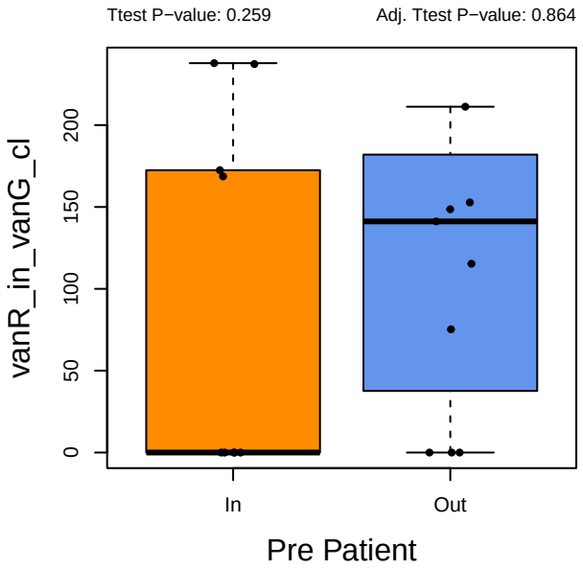

Ttest P−value: 0.243
Adj. Ttest P−value: 0.864
dfrB7
100
200
300
400
500
600
In
Out
Pre Patient

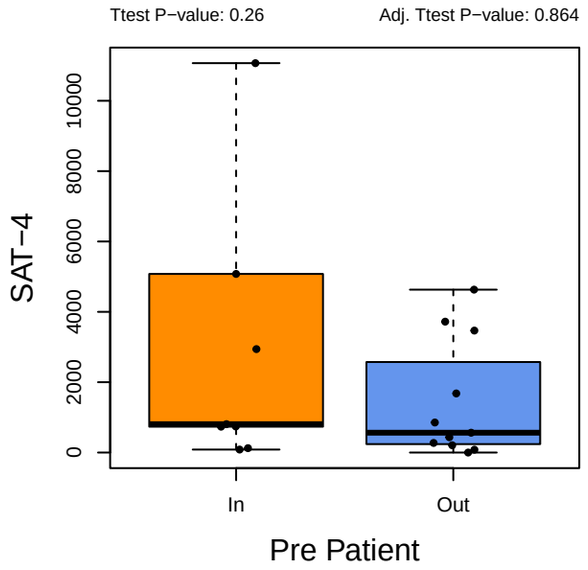

Ttest P−value: 0.244
Adj. Ttest P−value: 0.864
Tet(X3)
0
50
100
150
In
Out
Pre Patient

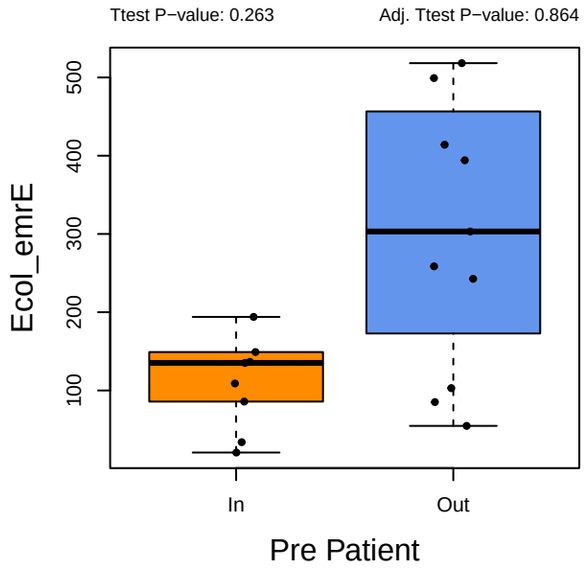

Ttest P−value: 0.246
Adj. Ttest P−value: 0.864
efrA
0
500
1000
1500
2000
2500
In
Out
Pre Patient

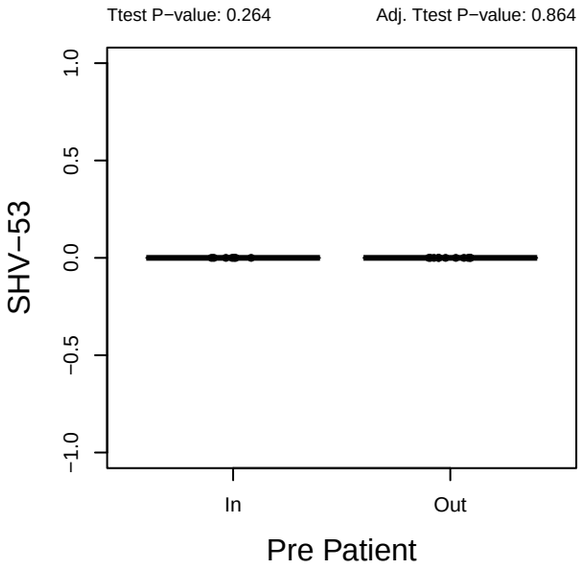

Ttest P−value: 0.255
Adj. Ttest P−value: 0.864
TriC
0
20
40
60
80
100
In
Out
Pre Patient

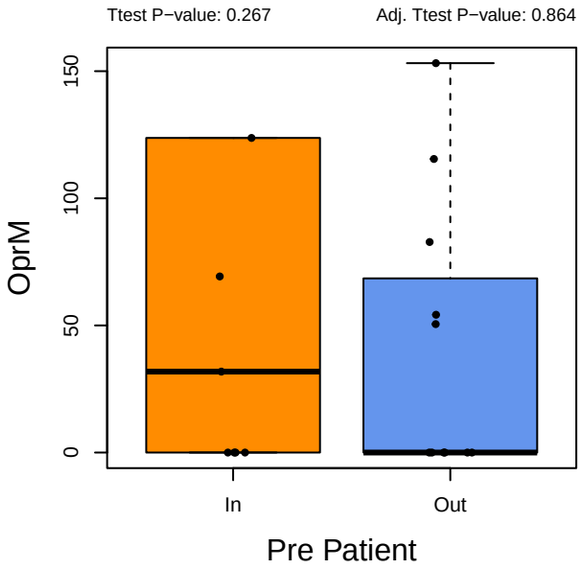

Ttest P−value: 0.258
Adj. Ttest P−value: 0.864
tet(W/N/W)
0
10000
20000
30000
40000
In
Out
Pre Patient

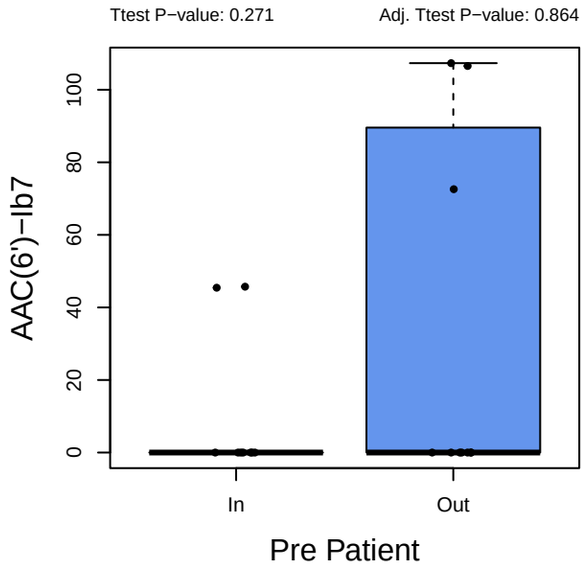

Ttest P−value: 0.259
Adj. Ttest P−value: 0.864
vanR_in_vanG_cl
0
50
100
150
200
In
Out
Pre Patient

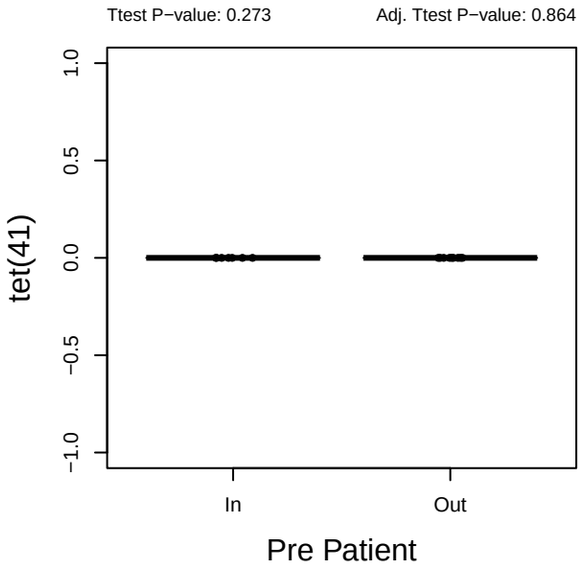

Ttest P−value: 0.26
Adj. Ttest P−value: 0.864
SAT−4
0
2000
4000
6000
8000
10000
In
Out
Pre Patient

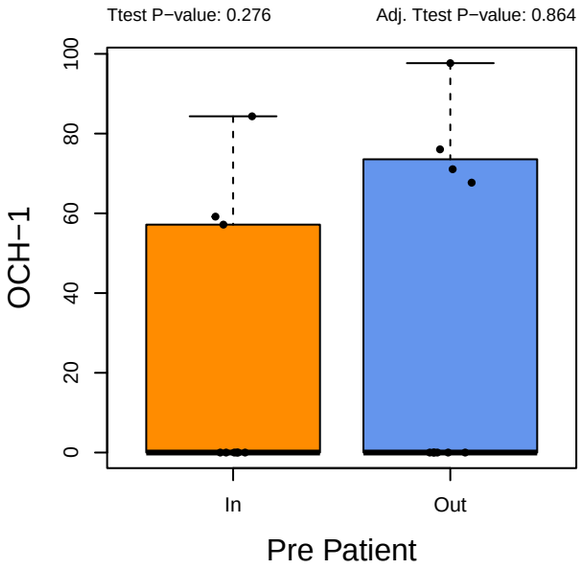

Ttest P−value: 0.263
Adj. Ttest P−value: 0.864
Ecol_emrE
100
200
300
400
500
In
Out
Pre Patient

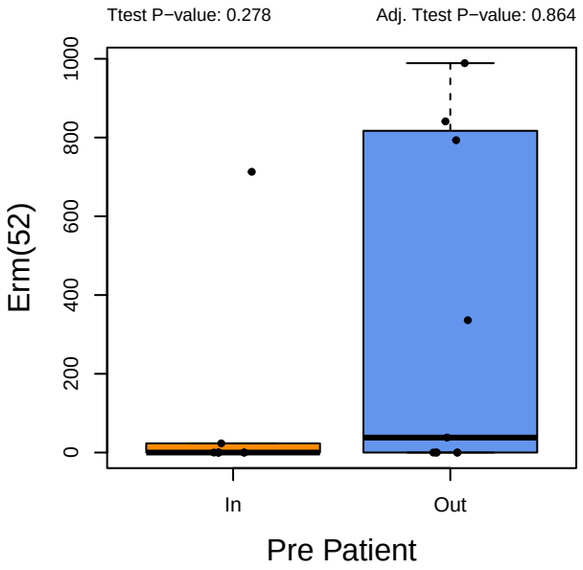

Ttest P−value: 0.264
Adj. Ttest P−value: 0.864
SHV−53
−1.0
−0.5
0.0
0.5
1.0
In
Out
Pre Patient

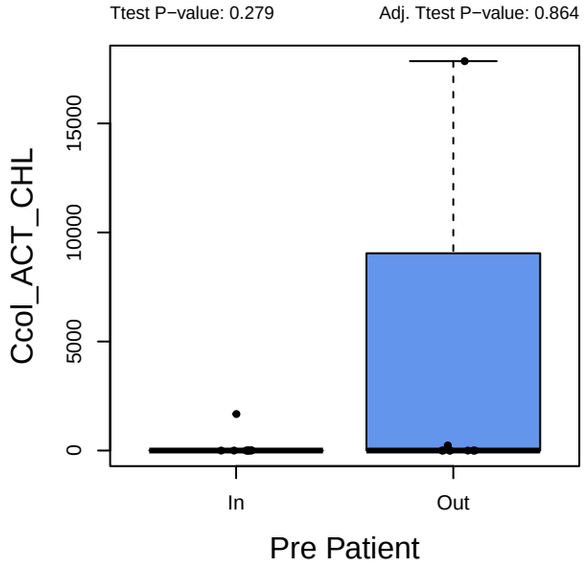

Ttest P−value: 0.267
Adj. Ttest P−value: 0.864
OprM
0
50
100
150
In
Out
Pre Patient

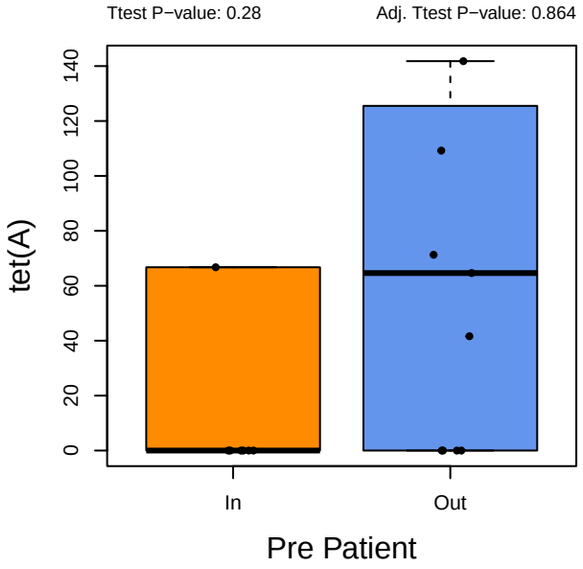

Ttest P−value: 0.271
Adj. Ttest P−value: 0.864
AAC(6')−Ib7
0
20
40
60
80
100
In
Out
Pre Patient

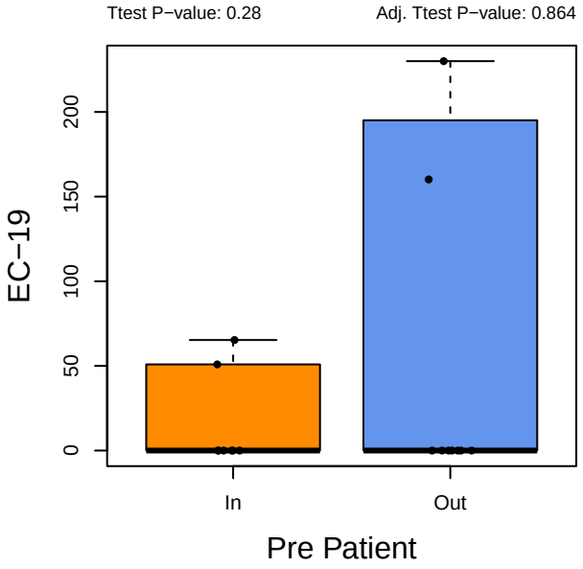

Ttest P−value: 0.273
Adj. Ttest P−value: 0.864
tet(41)
−1.0
−0.5
0.0
0.5
1.0
In
Out
Pre Patient

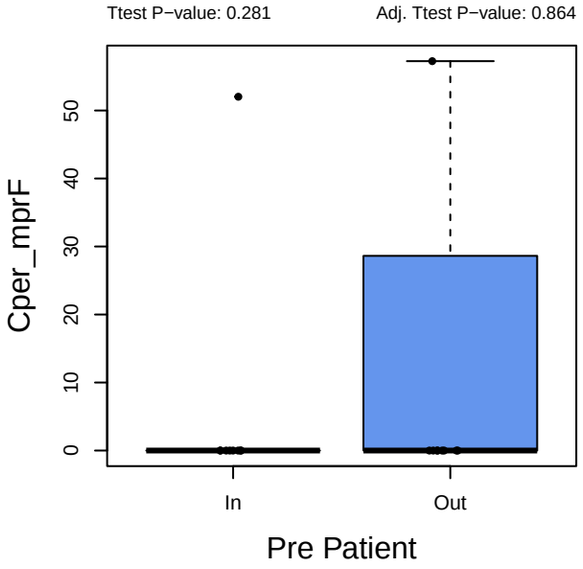

Ttest P−value: 0.276
Adj. Ttest P−value: 0.864
OCH−1
0
20
40
60
80
100
In
Out
Pre Patient

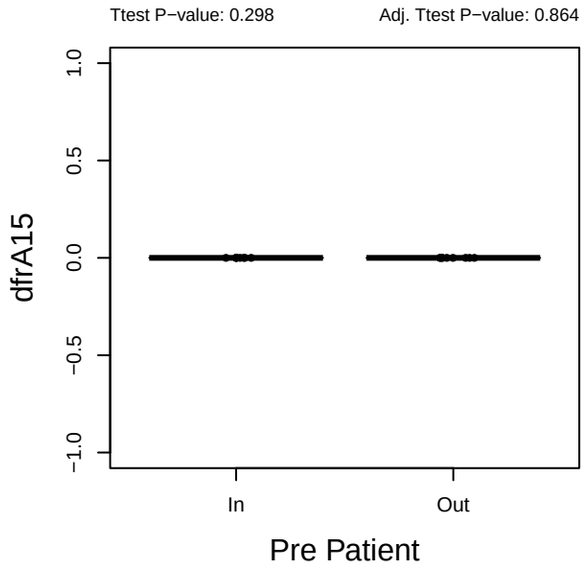

Ttest P−value: 0.278
Adj. Ttest P−value: 0.864
Erm(52)
0
200
400
600
800
1000
In
Out
Pre Patient

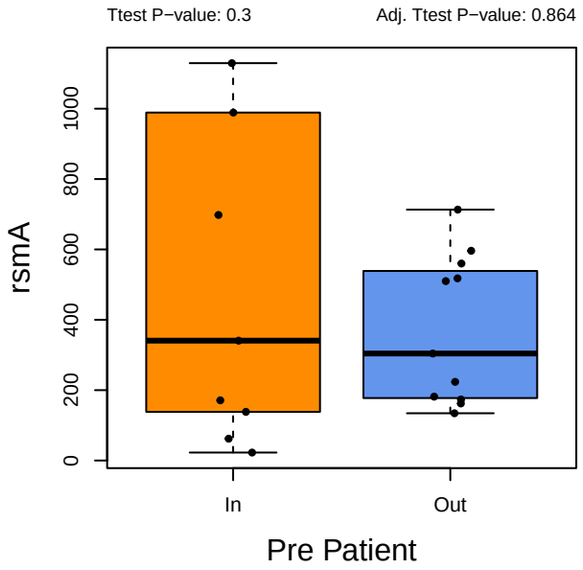

Ttest P−value: 0.279
Adj. Ttest P−value: 0.864
Ccol_ACT_CHL
0
5000
10000
15000
In
Out
Pre Patient

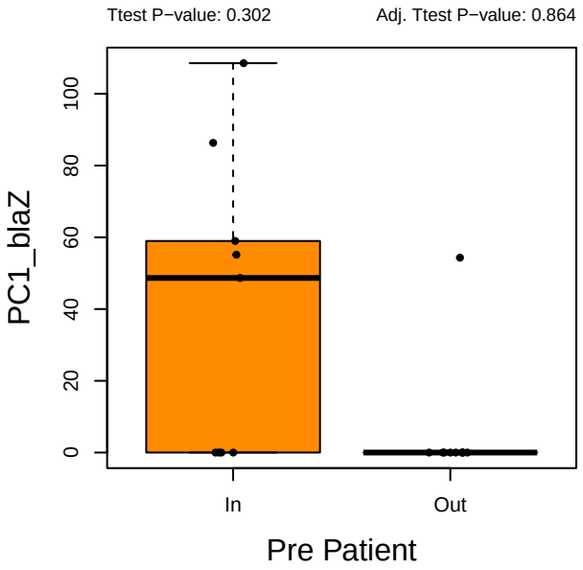

Ttest P−value: 0.28
Adj. Ttest P−value: 0.864
tet(A)
0
20
40
60
80
100
120
140
In
Out
Pre Patient

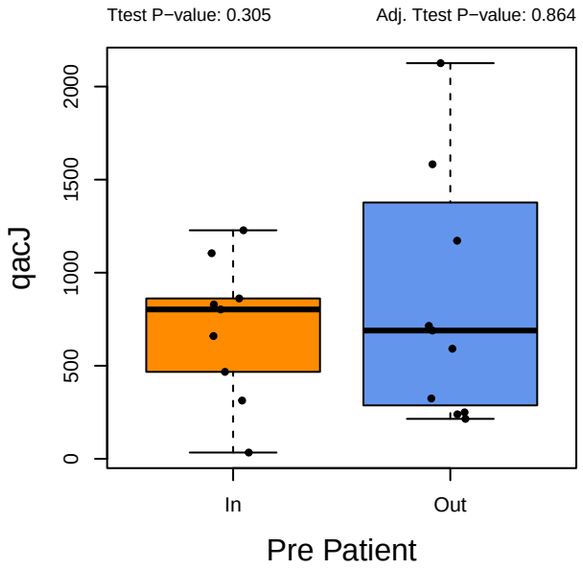

Ttest P−value: 0.28
Adj. Ttest P−value: 0.864
EC−19
0
50
100
150
200
In
Out
Pre Patient

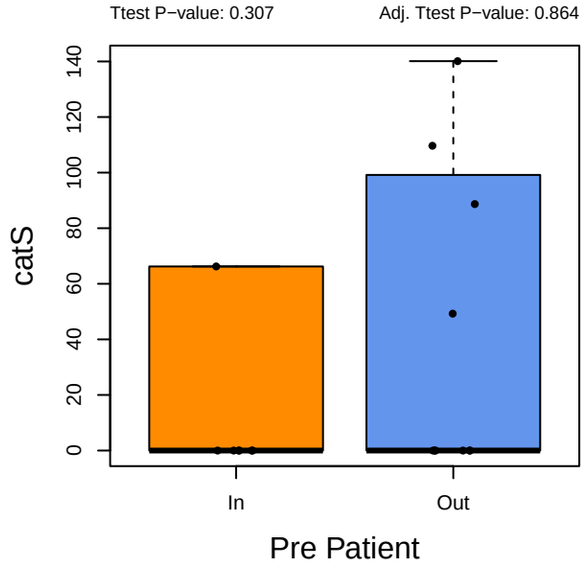

Ttest P−value: 0.281
Adj. Ttest P−value: 0.864
Cper_mprF
0
10
20
30
40
50
In
Out
Pre Patient

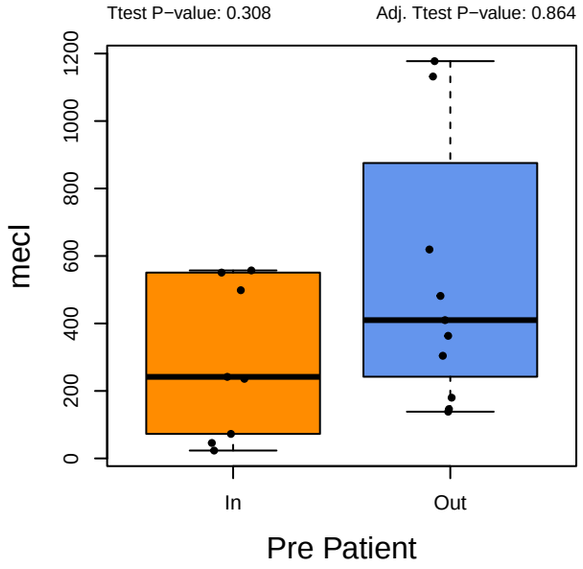

Ttest P−value: 0.298
Adj. Ttest P−value: 0.864
dfrA15
1.0
0.5
0.0
−0.5
−1.0
In
Out
Pre Patient

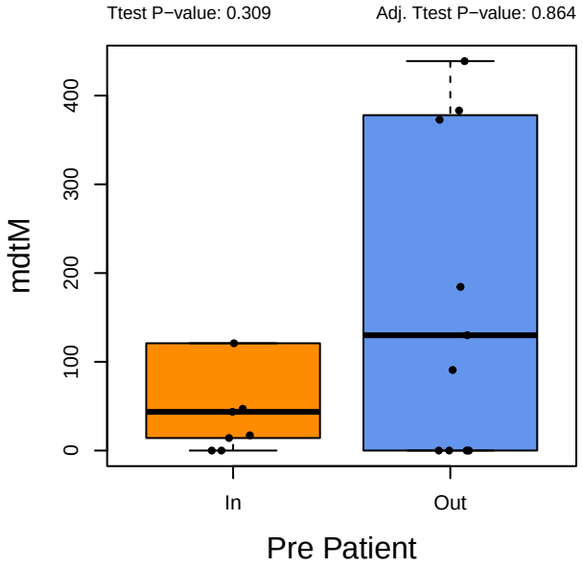

Ttest P−value: 0.3
Adj. Ttest P−value: 0.864
rsmA
0
200
400
600
800
1000
In
Out
Pre Patient

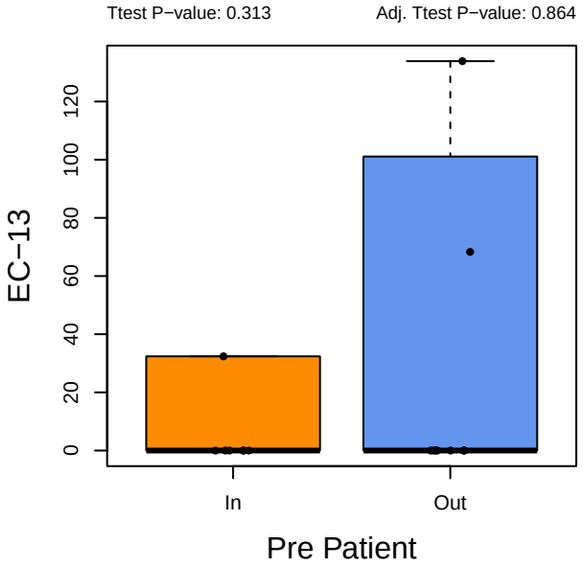

Ttest P−value: 0.302
Adj. Ttest P−value: 0.864
PC1_blaZ
0
20
40
60
80
100
In
Out
Pre Patient

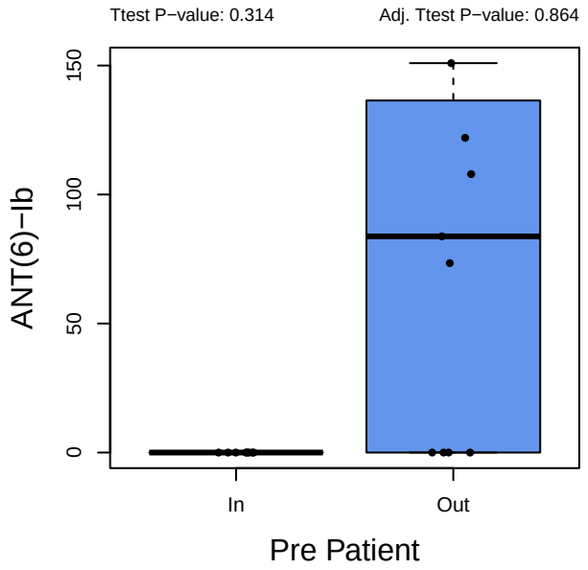

Ttest P−value: 0.305
Adj. Ttest P−value: 0.864
qacJ
0
500
1000
1500
2000
In
Out
Pre Patient

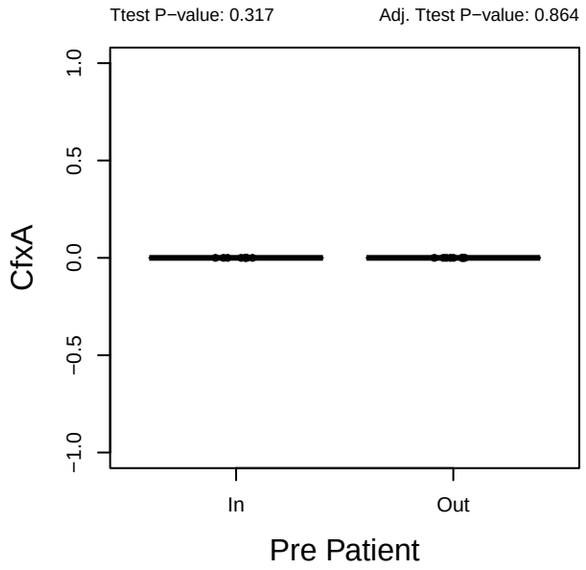

Ttest P−value: 0.307
Adj. Ttest P−value: 0.864
catS
0
20
40
60
80
100
120
140
In
Out
Pre Patient

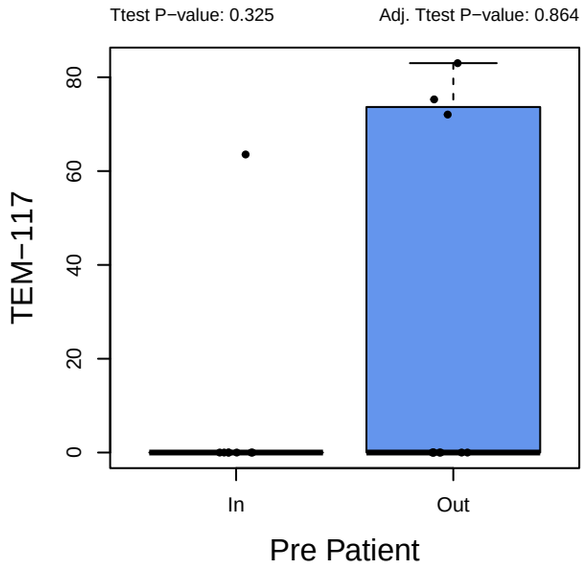

Ttest P−value: 0.308
Adj. Ttest P−value: 0.864
mecI
0
200
400
600
800
1000
1200
In
Out
Pre Patient

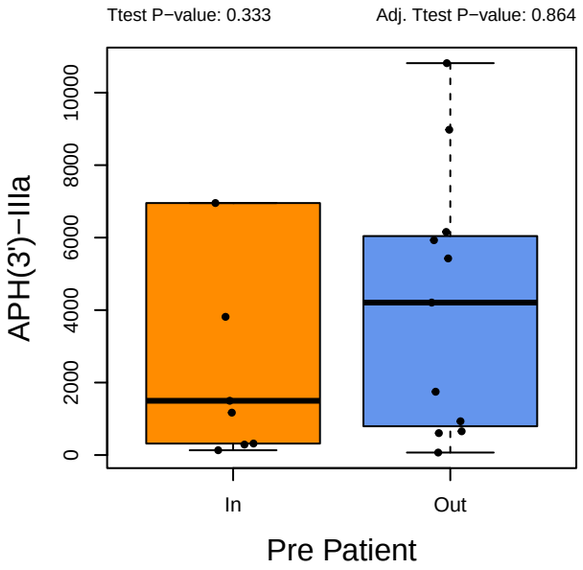

Ttest P−value: 0.309
Adj. Ttest P−value: 0.864
mdtM
0
100
200
300
400
In
Out
Pre Patient

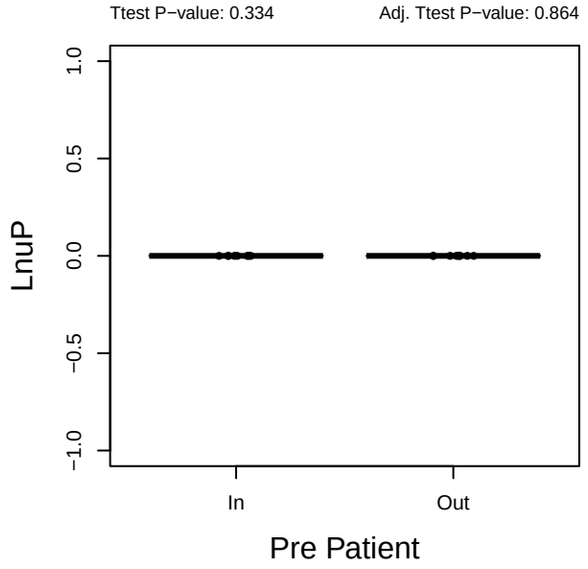

Ttest P−value: 0.313
Adj. Ttest P−value: 0.864
EC−13
0
20
40
60
80
100
120
In
Out
Pre Patient

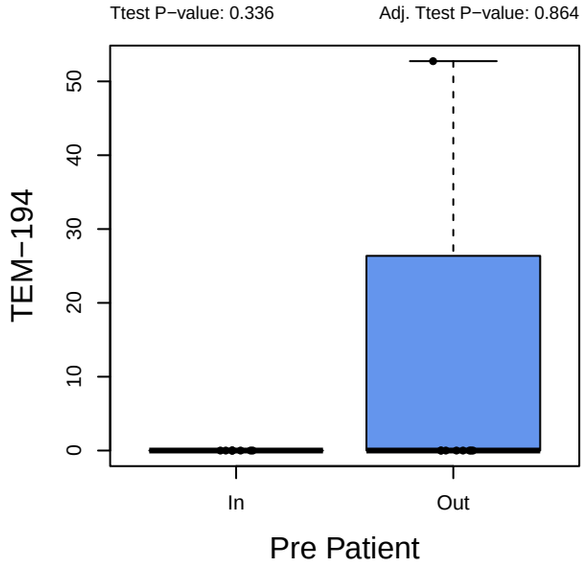

Ttest P−value: 0.314
Adj. Ttest P−value: 0.864
ANT(6)−Ib
0
50
100
150
In
Out
Pre Patient

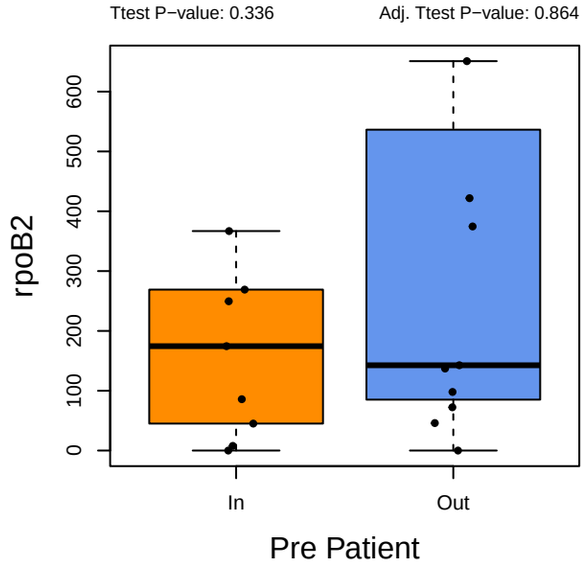

Ttest P−value: 0.317
Adj. Ttest P−value: 0.864
CfxA
−1.0
−0.5
0.0
0.5
1.0
In
Out
Pre Patient

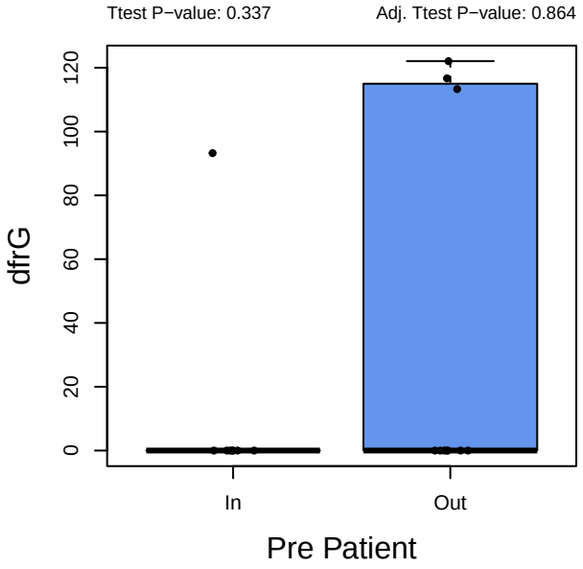

Ttest P−value: 0.325
Adj. Ttest P−value: 0.864
TEM−117
0
20
40
60
80
In
Out
Pre Patient

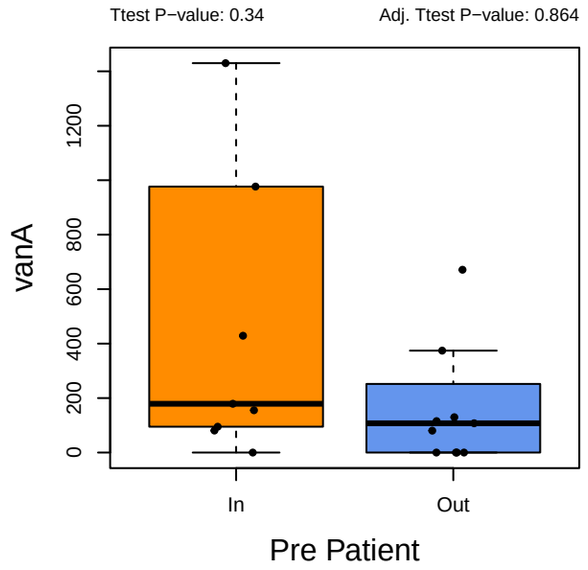

Ttest P−value: 0.333
Adj. Ttest P−value: 0.864
APH(3')−IIIa
0
2000
4000
6000
8000
10000
In
Out
Pre Patient

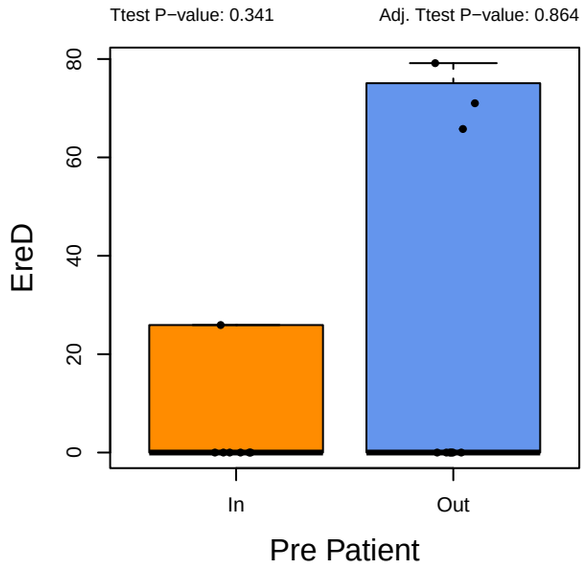

Ttest P−value: 0.334
Adj. Ttest P−value: 0.864
LnuP
−1.0
−0.5
0.0
0.5
1.0
In
Out
Pre Patient

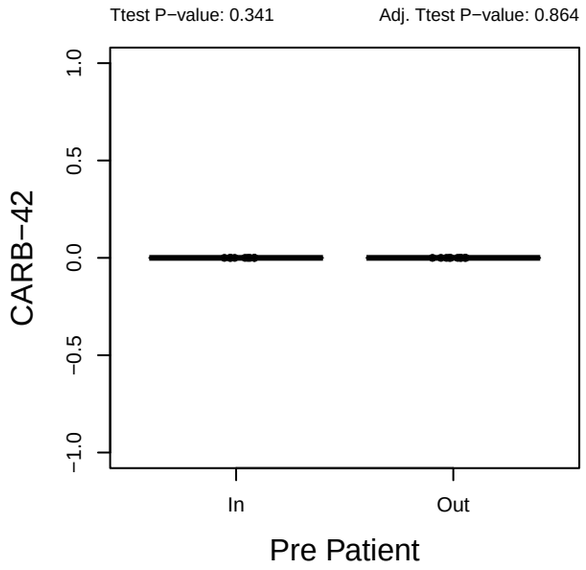

Ttest P−value: 0.336
Adj. Ttest P−value: 0.864
TEM−194
0
10
20
30
40
50
In
Out
Pre Patient

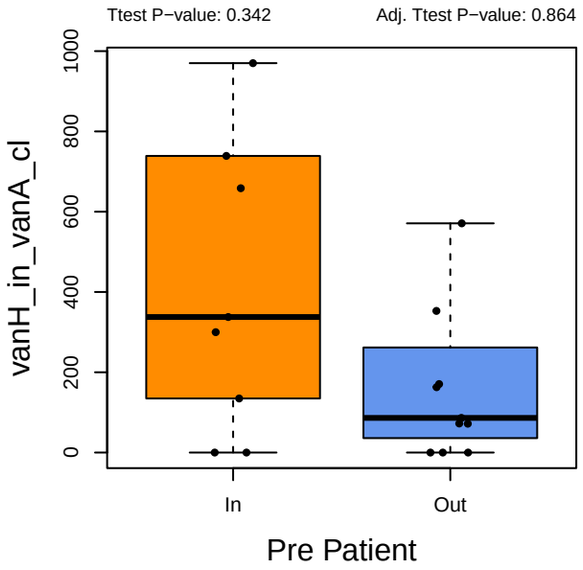

Ttest P−value: 0.336
Adj. Ttest P−value: 0.864
rpoB2
0
100
200
300
400
500
600
In
Out
Pre Patient

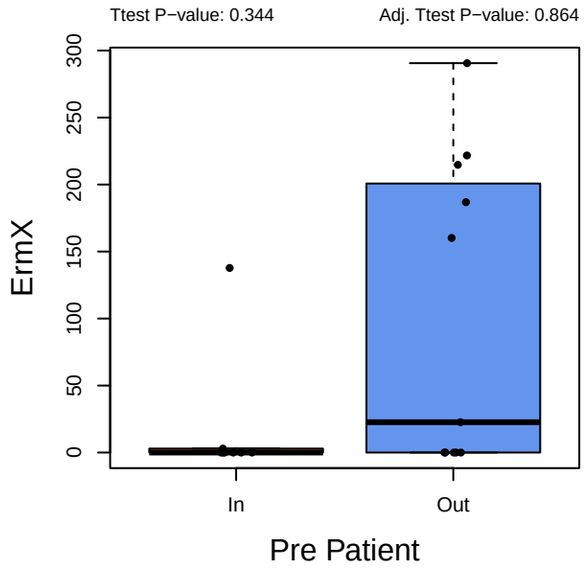

Ttest P−value: 0.337
Adj. Ttest P−value: 0.864
dfrG
0
20
40
60
80
100
120
In
Out
Pre Patient

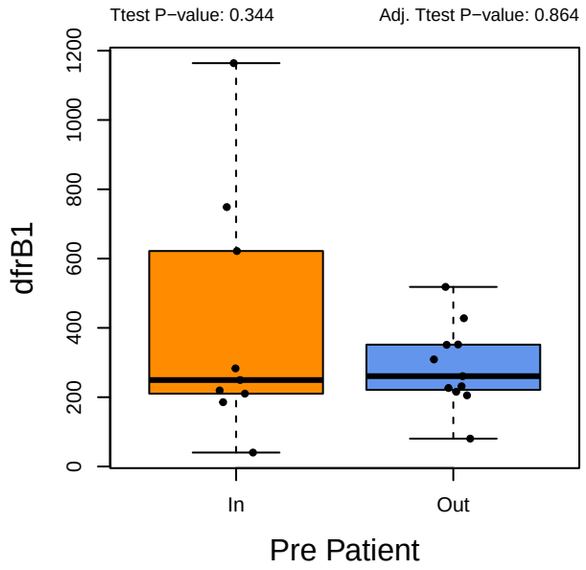

Ttest P−value: 0.34
Adj. Ttest P−value: 0.864
vanA
0
200
400
600
800
1200
In
Out
Pre Patient

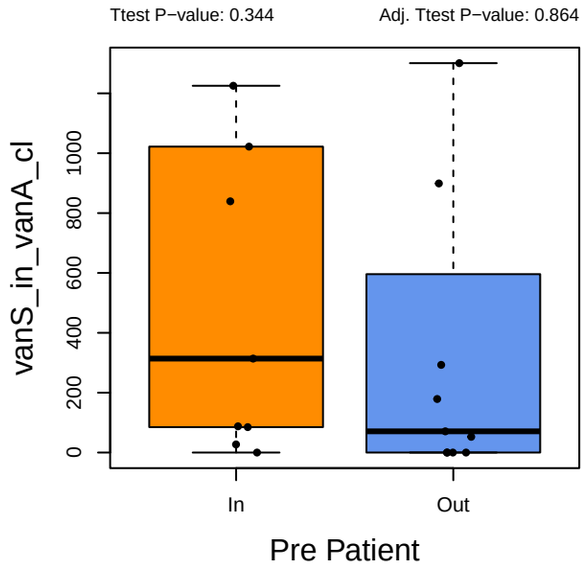

Ttest P−value: 0.341
Adj. Ttest P−value: 0.864
EreD
0
20
40
60
80
In
Out
Pre Patient

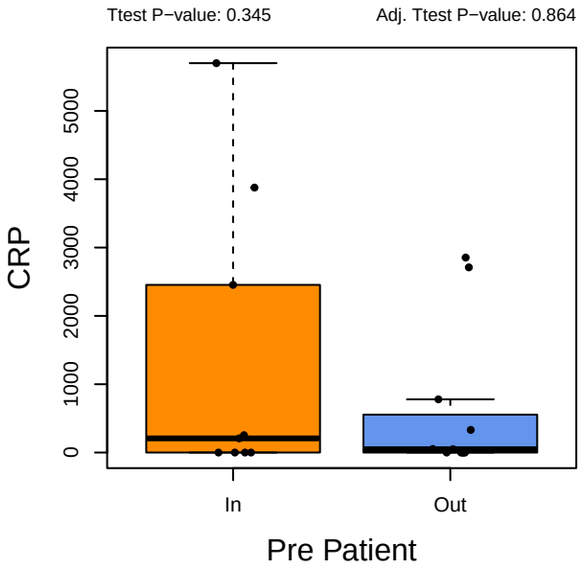

Ttest P−value: 0.341
Adj. Ttest P−value: 0.864
CARB−42
−1.0
−0.5
0.0
0.5
1.0
In
Out
Pre Patient

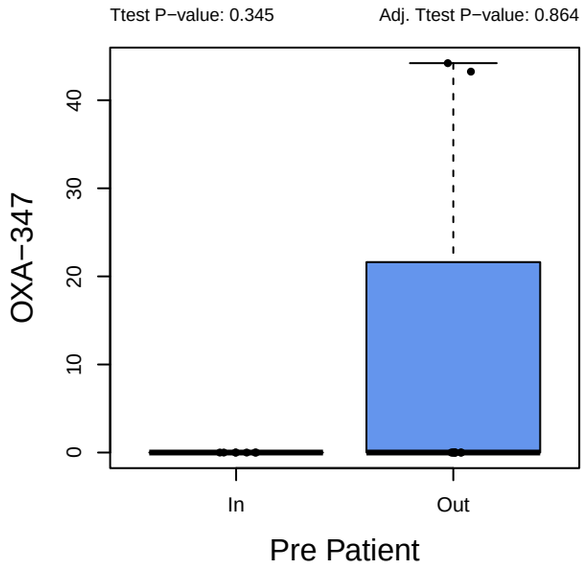

Ttest P−value: 0.342
Adj. Ttest P−value: 0.864
vanH_in_vanA_cl
0
200
400
600
800
1000
In
Out
Pre Patient

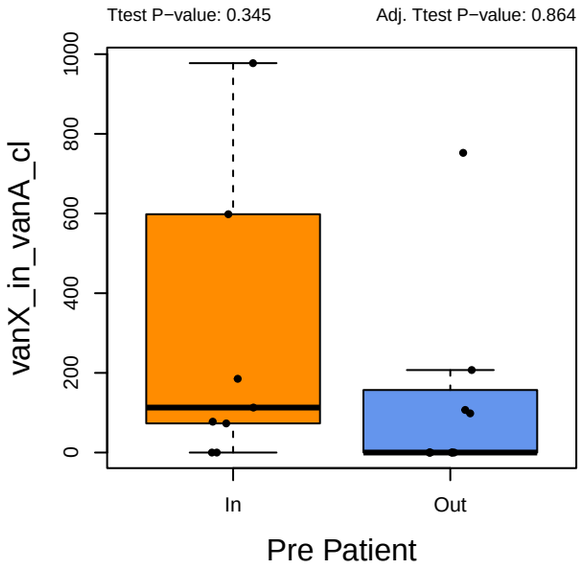

Ttest P−value: 0.344
Adj. Ttest P−value: 0.864
ErmX
0
50
100
150
200
250
300
In
Out
Pre Patient

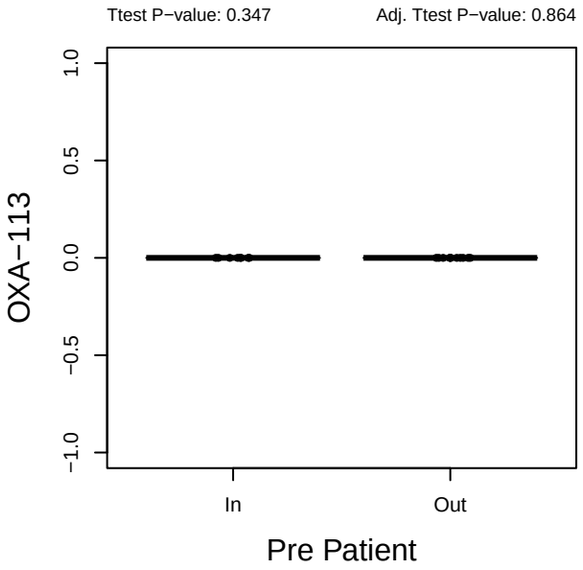

Ttest P−value: 0.344
Adj. Ttest P−value: 0.864
dfrB1
0
200
400
600
800
1000
1200
In
Out
Pre Patient

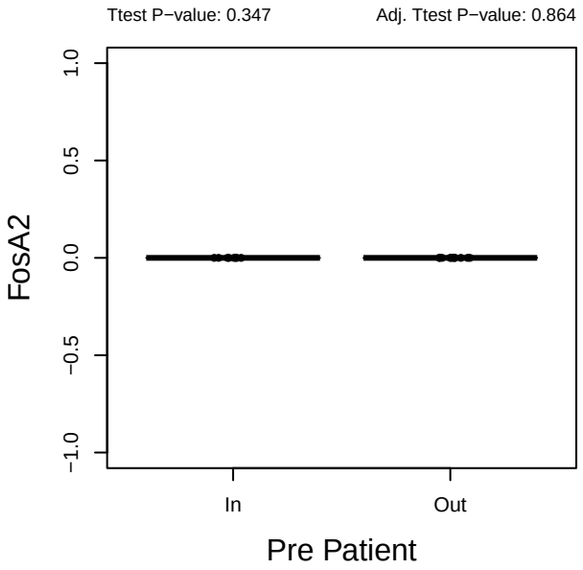

Ttest P−value: 0.344
Adj. Ttest P−value: 0.864
vanS_in_vanA_cl
0
200
400
600
800
1000
In
Out
Pre Patient

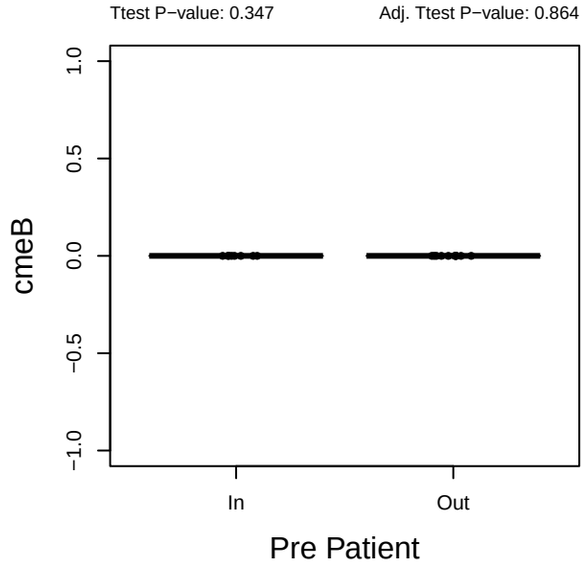

Ttest P−value: 0.345
Adj. Ttest P−value: 0.864
CRP
0
1000
2000
3000
4000
5000
In
Out
Pre Patient

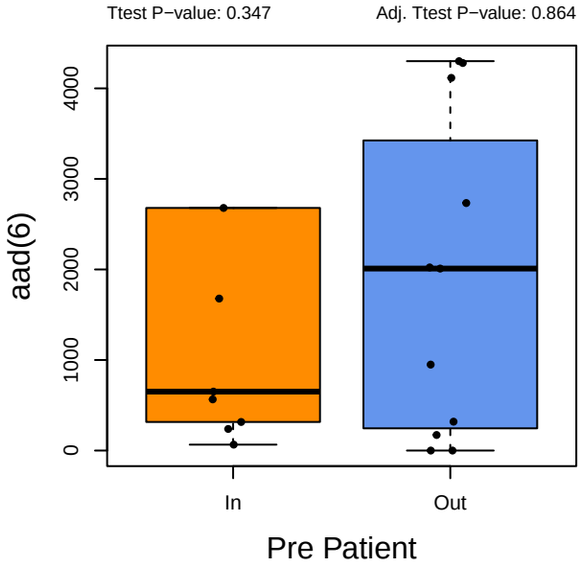

Ttest P−value: 0.345
Adj. Ttest P−value: 0.864
OXA−347
0
10
20
30
40
In
Out
Pre Patient

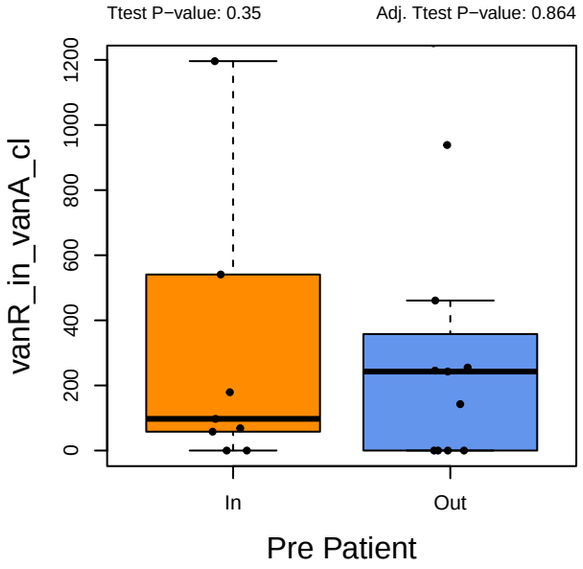

Ttest P−value: 0.345
Adj. Ttest P−value: 0.864
vanX_in_vanA_cl
0
200
400
600
800
1000
In
Out
Pre Patient

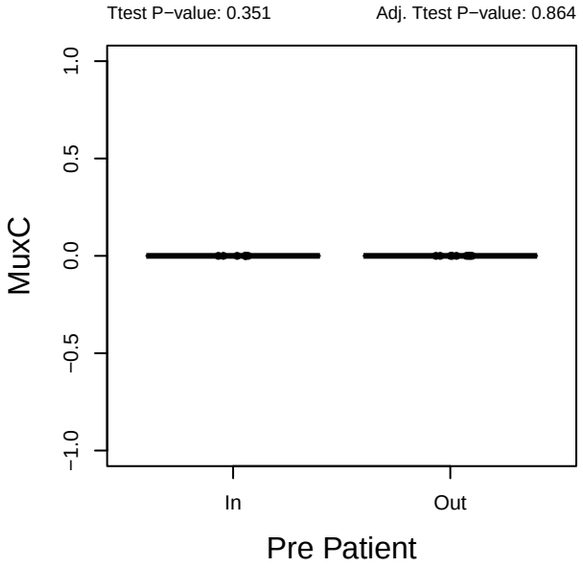

Ttest P−value: 0.347
Adj. Ttest P−value: 0.864
OXA−113
−1.0
−0.5
0.0
0.5
1.0
In
Out
Pre Patient

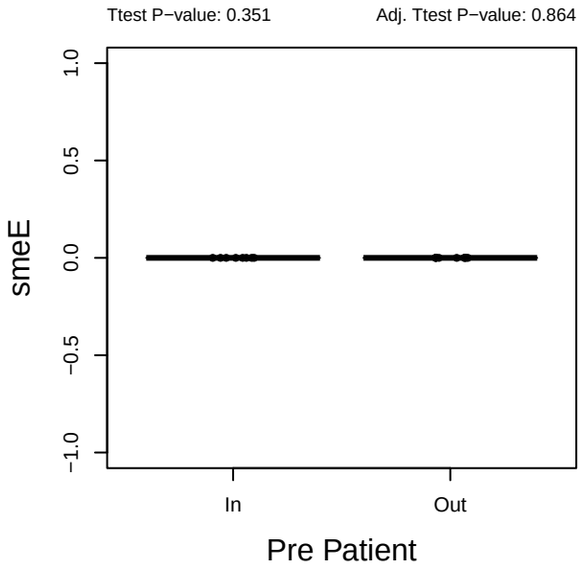

Ttest P−value: 0.347
Adj. Ttest P−value: 0.864
FosA2
−1.0
−0.5
0.0
0.5
1.0
In
Out
Pre Patient

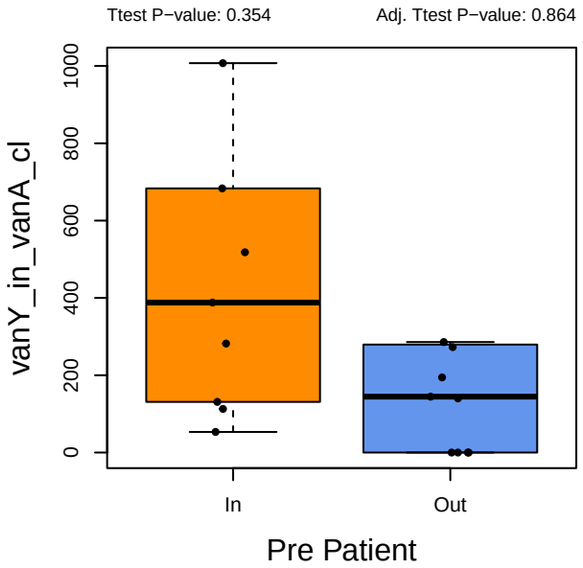

Ttest P−value: 0.347
Adj. Ttest P−value: 0.864
cmeB
−1.0
−0.5
0.0
0.5
1.0
In
Out
Pre Patient

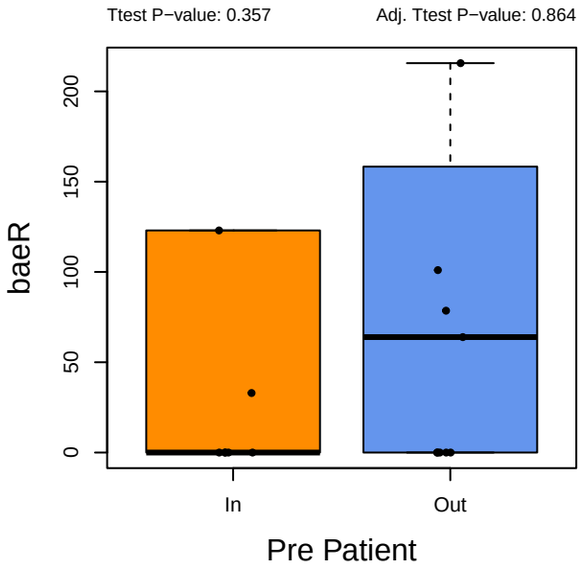

Ttest P−value: 0.347
Adj. Ttest P−value: 0.864
aad(6)
0
1000
2000
3000
4000
In
Out
Pre Patient

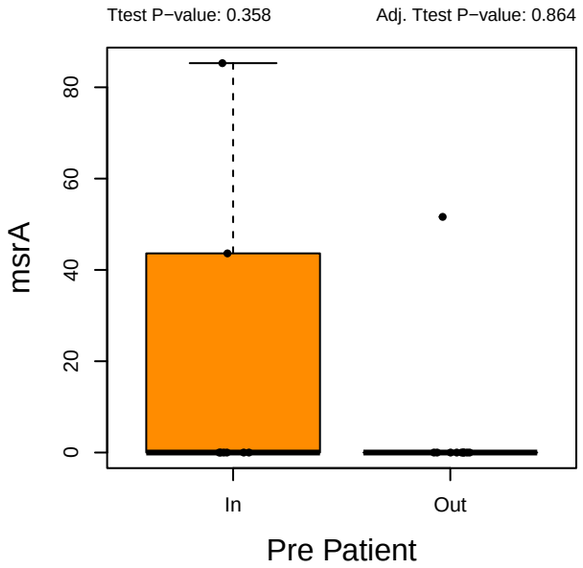

Ttest P−value: 0.35
Adj. Ttest P−value: 0.864
vanR_in_vanA_cl
0
200
400
600
800
1000
1200
In
Out
Pre Patient

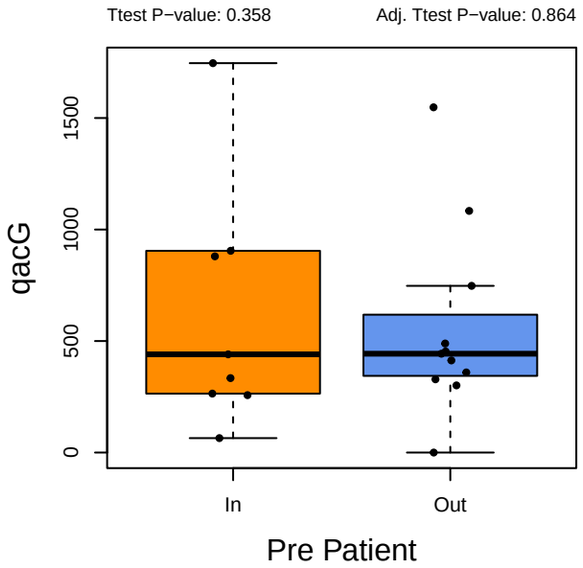

Ttest P−value: 0.351
Adj. Ttest P−value: 0.864
MuxC
−1.0
−0.5
0.0
0.5
1.0
In
Out
Pre Patient

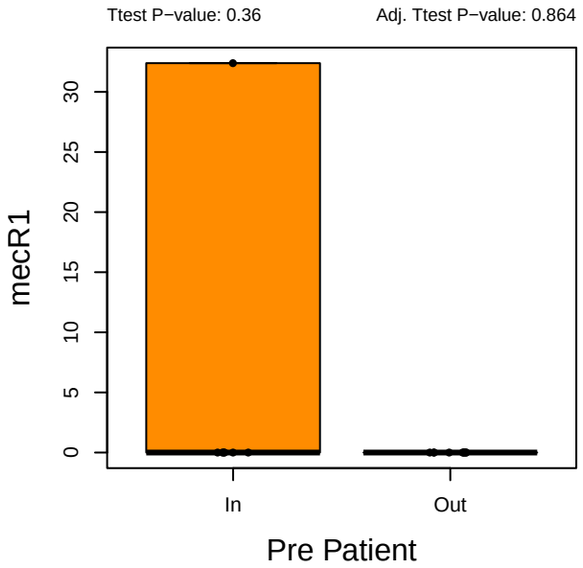

Ttest P−value: 0.351
Adj. Ttest P−value: 0.864
smeE
1.0
0.5
0.0
−0.5
−1.0
In
Out
Pre Patient

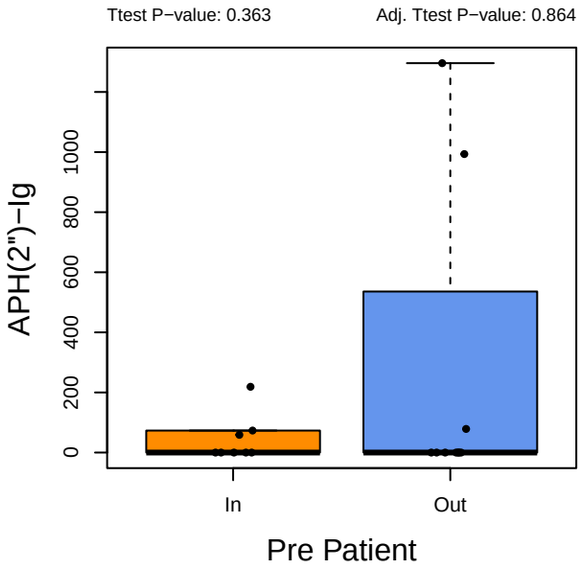

Ttest P−value: 0.354
Adj. Ttest P−value: 0.864
vanY_in_vanA_cl
1000
800
600
400
200
0
In
Out
Pre Patient

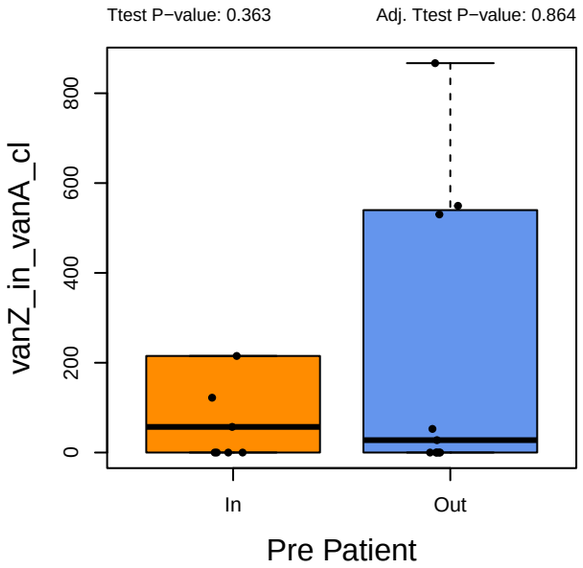

Ttest P−value: 0.357
Adj. Ttest P−value: 0.864
baeR
200
150
100
50
0
In
Out
Pre Patient

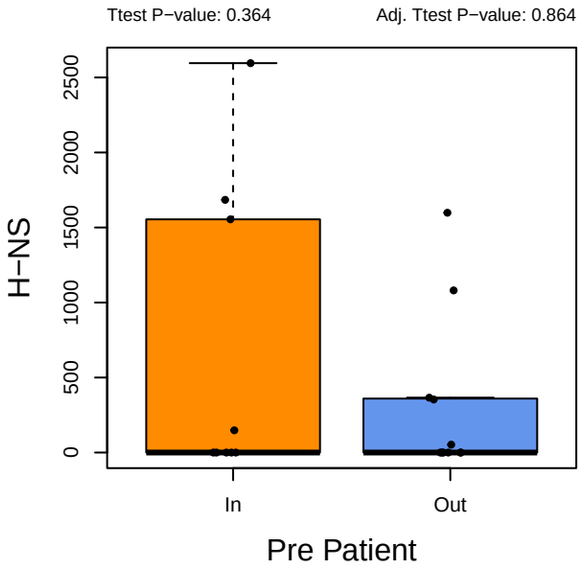

Ttest P−value: 0.358
Adj. Ttest P−value: 0.864
msrA
80
60
40
20
0
In
Out
Pre Patient

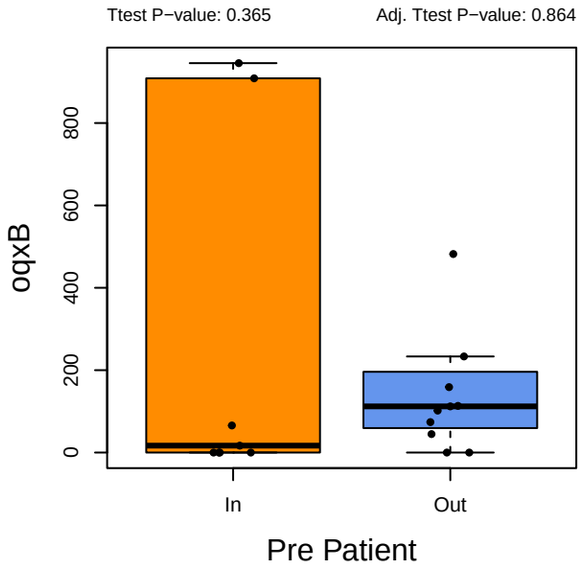

Ttest P−value: 0.358
Adj. Ttest P−value: 0.864
qacG
1500
1000
500
0
In
Out
Pre Patient

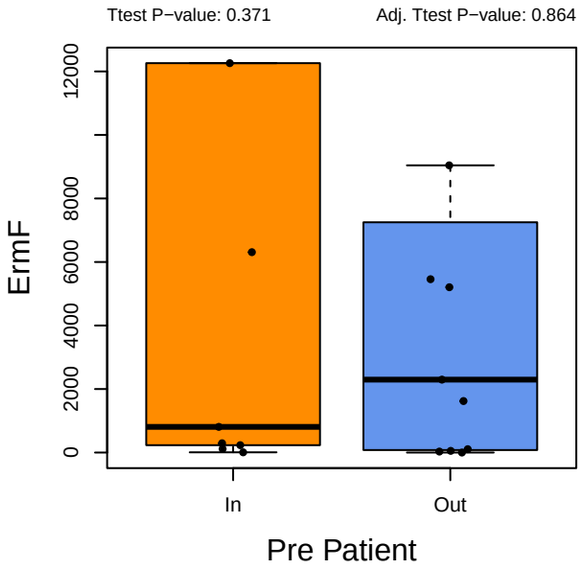

Ttest P−value: 0.36
Adj. Ttest P−value: 0.864
mecR1
30
25
20
15
10
5
0
In
Out
Pre Patient

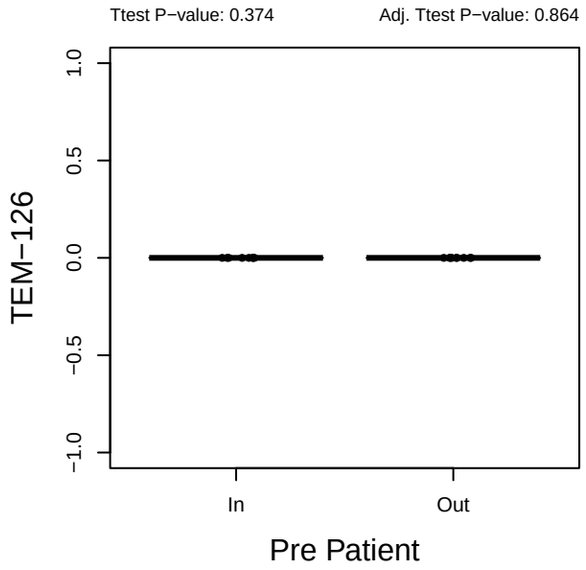

Ttest P−value: 0.363
Adj. Ttest P−value: 0.864
APH(2")−Ig
1000
800
600
400
200
0
In
Out
Pre Patient

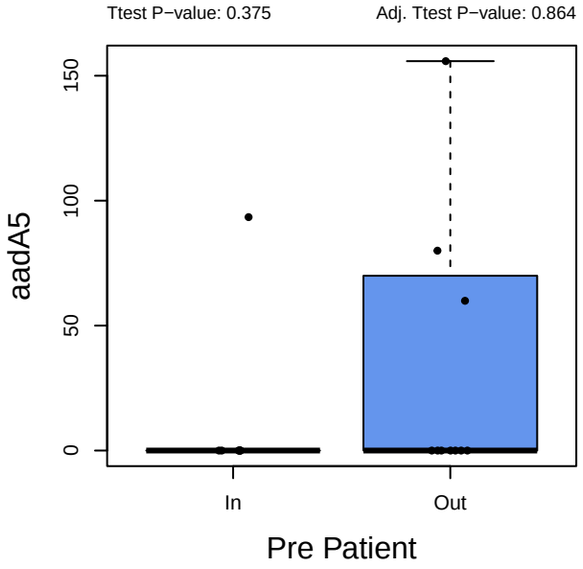

Ttest P−value: 0.363
Adj. Ttest P−value: 0.864
vanZ_in_vanA_cl
800
600
400
200
0
In
Out
Pre Patient

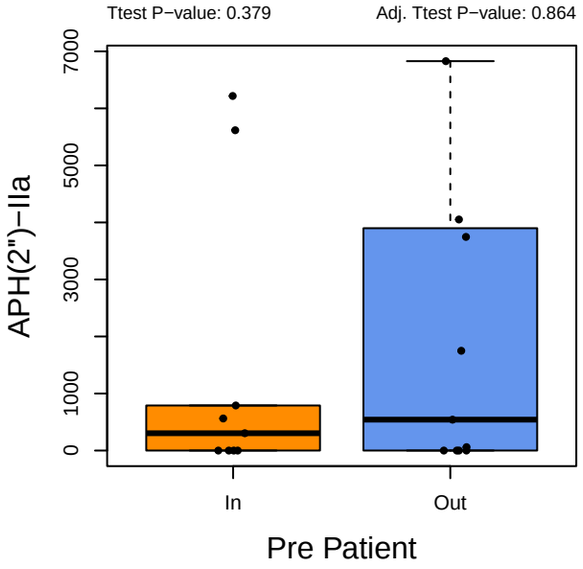

Ttest P−value: 0.364
Adj. Ttest P−value: 0.864
H−NS
0
500
1000
1500
2000
2500
In
Out
Pre Patient

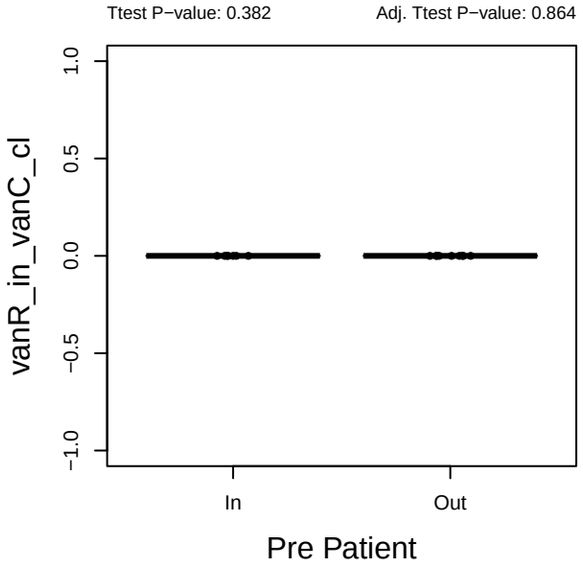

Ttest P−value: 0.365
Adj. Ttest P−value: 0.864
oqxB
0
200
400
600
800
In
Out
Pre Patient

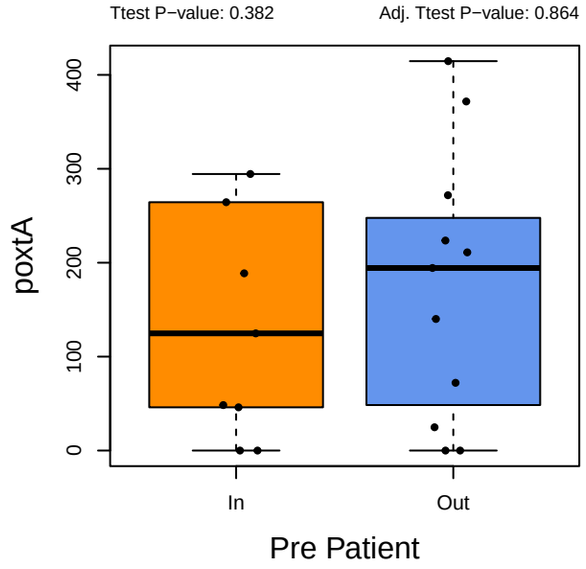

Ttest P−value: 0.371
Adj. Ttest P−value: 0.864
ErmF
0
2000
4000
6000
8000
12000
In
Out
Pre Patient

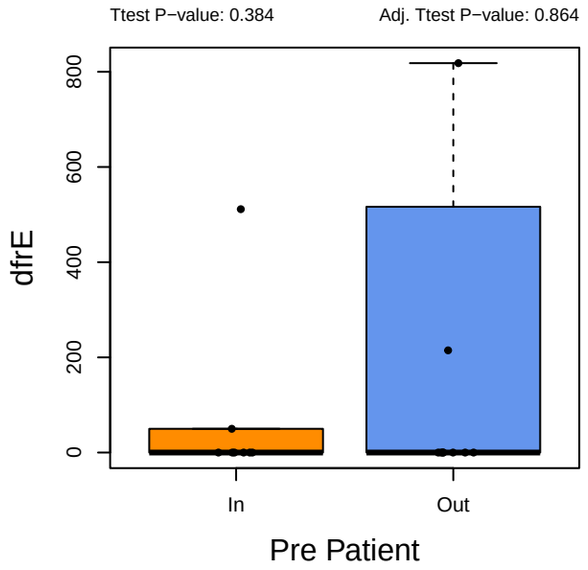

Ttest P−value: 0.374
Adj. Ttest P−value: 0.864
TEM−126
−1.0
−0.5
0.0
0.5
1.0
In
Out
Pre Patient

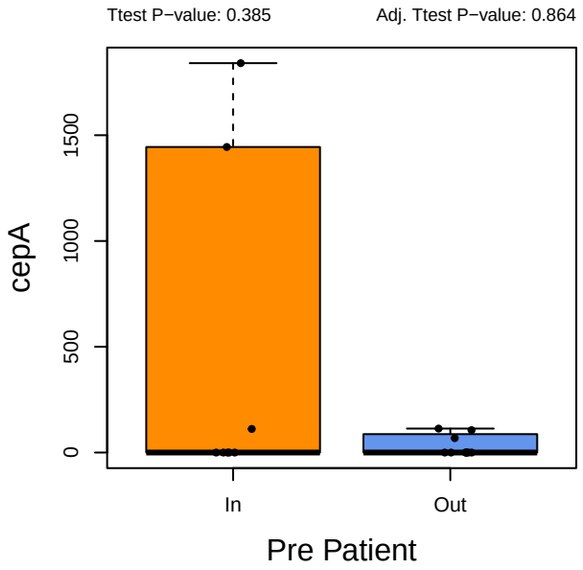

Ttest P−value: 0.375
Adj. Ttest P−value: 0.864
aadA5
0
50
100
150
In
Out
Pre Patient

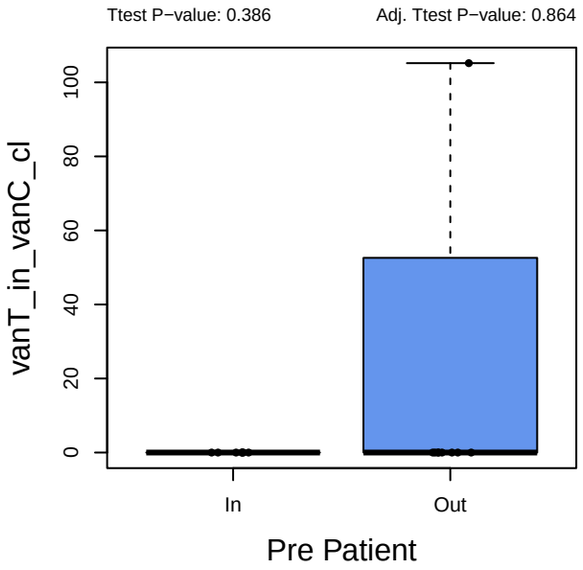

Ttest P−value: 0.379
Adj. Ttest P−value: 0.864
APH(2")−IIa
0
1000
3000
5000
7000
In
Out
Pre Patient

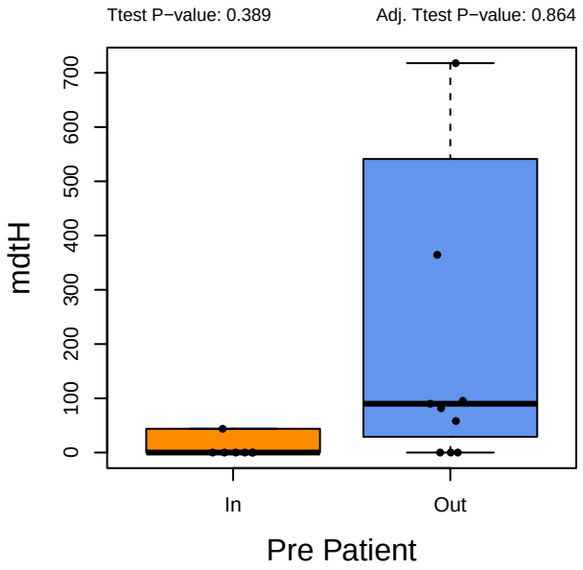

Ttest P−value: 0.382
Adj. Ttest P−value: 0.864
vanR_in_vanC_cl
−1.0
−0.5
0.0
0.5
1.0
In
Out
Pre Patient

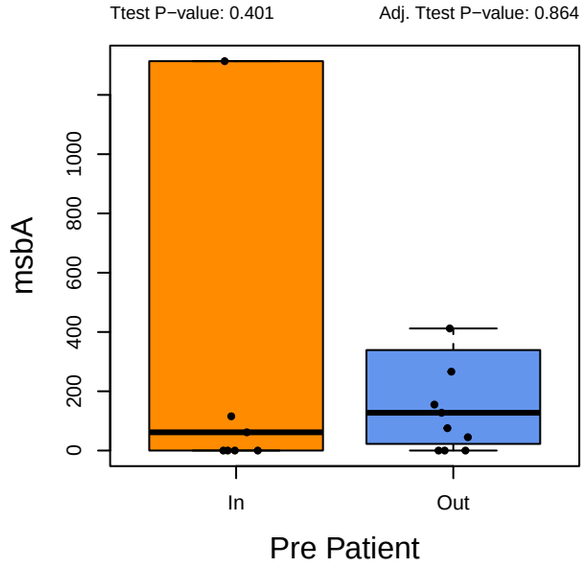

Ttest P−value: 0.382
Adj. Ttest P−value: 0.864
poxtA
0
100
200
300
400
In
Out
Pre Patient

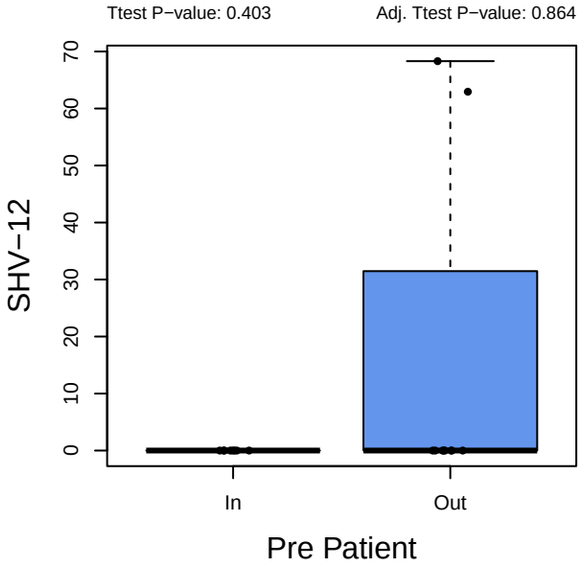

Ttest P−value: 0.384
Adj. Ttest P−value: 0.864
dfrE
0
200
400
600
800
In
Out
Pre Patient

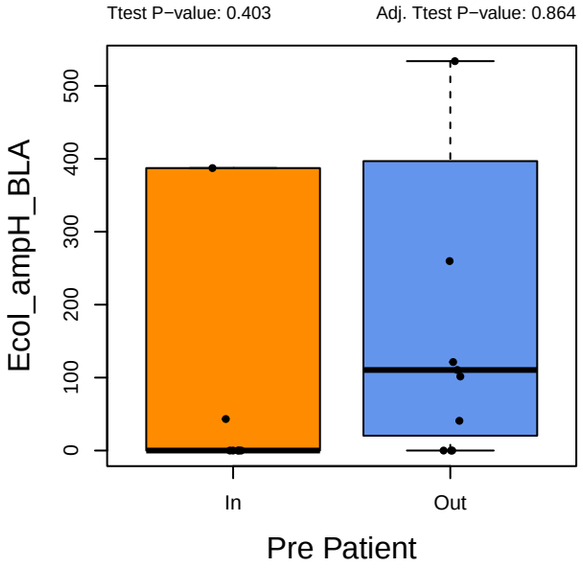

Ttest P−value: 0.385
Adj. Ttest P−value: 0.864
cepA
0
500
1000
1500
In
Out
Pre Patient

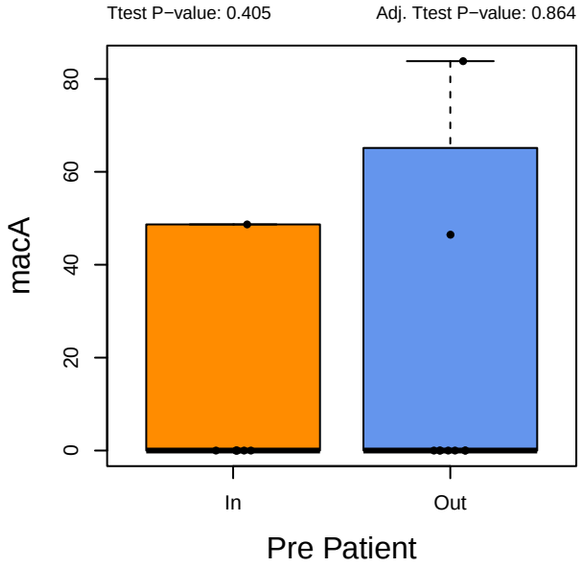

Ttest P−value: 0.386
Adj. Ttest P−value: 0.864
vanT_in_vanC_cl
0
20
40
60
80
100
In
Out
Pre Patient

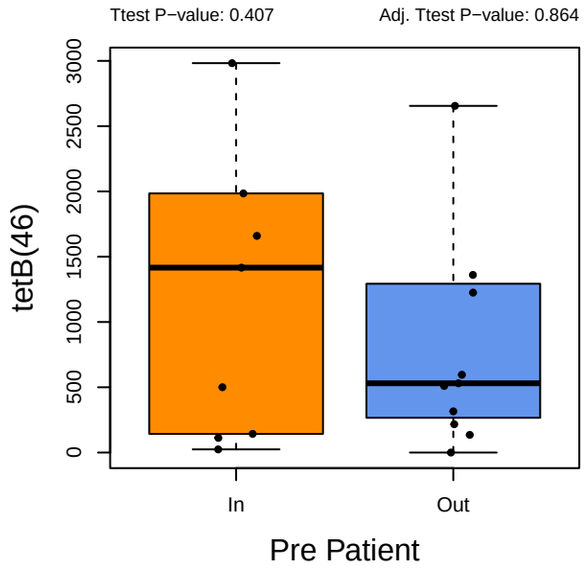

Ttest P−value: 0.389
Adj. Ttest P−value: 0.864
mdtH
0
100
200
300
400
500
600
700
In
Out
Pre Patient

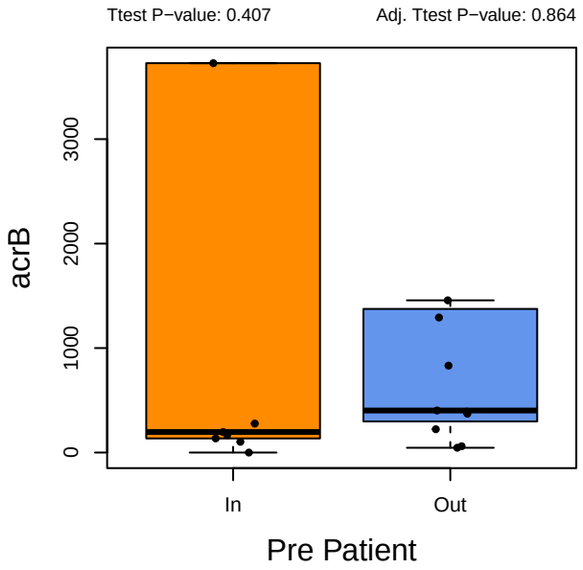

Ttest P−value: 0.401
Adj. Ttest P−value: 0.864
msbA
0
200
400
600
800
1000
In
Out
Pre Patient

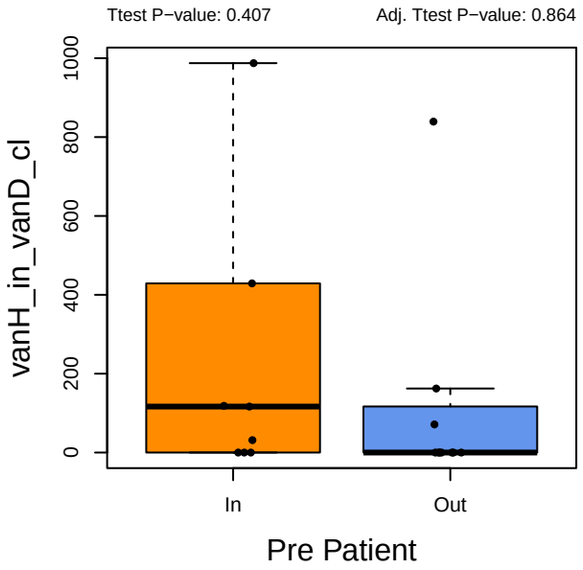

Ttest P−value: 0.403
Adj. Ttest P−value: 0.864
SHV−12
0
10
20
30
40
50
60
70
In
Out
Pre Patient

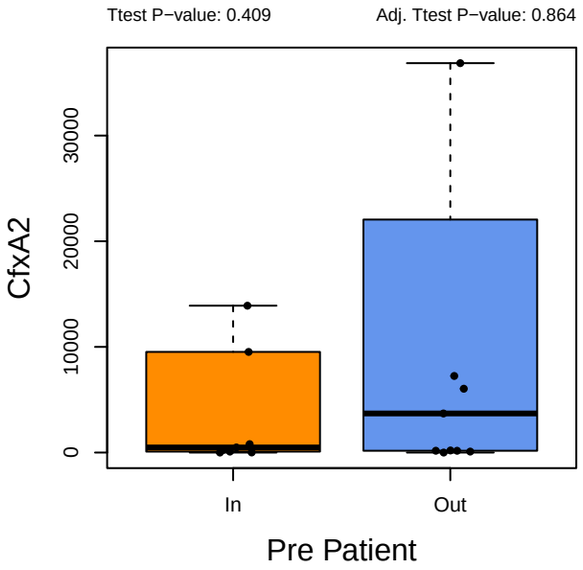

Ttest P−value: 0.403
Adj. Ttest P−value: 0.864
Ecol_ampH_BLA
0
100
200
300
400
500
In
Out
Pre Patient

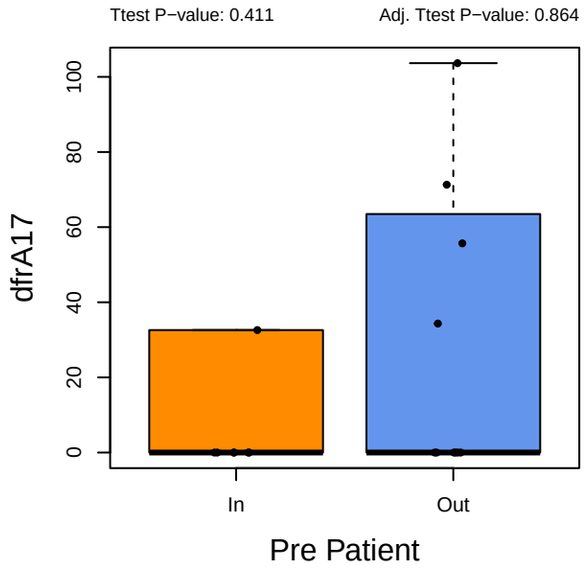

Ttest P−value: 0.405
Adj. Ttest P−value: 0.864
macA
0
20
40
60
80
In
Out
Pre Patient

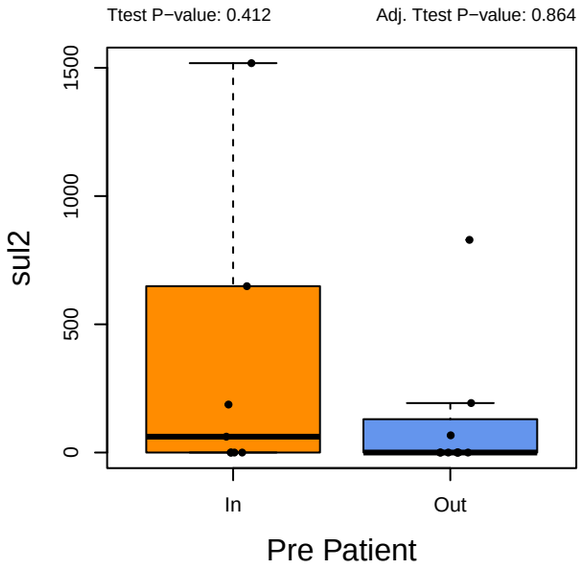

Ttest P−value: 0.407
Adj. Ttest P−value: 0.864
tetB(46)
0
500
1000
1500
2000
2500
3000
In
Out
Pre Patient

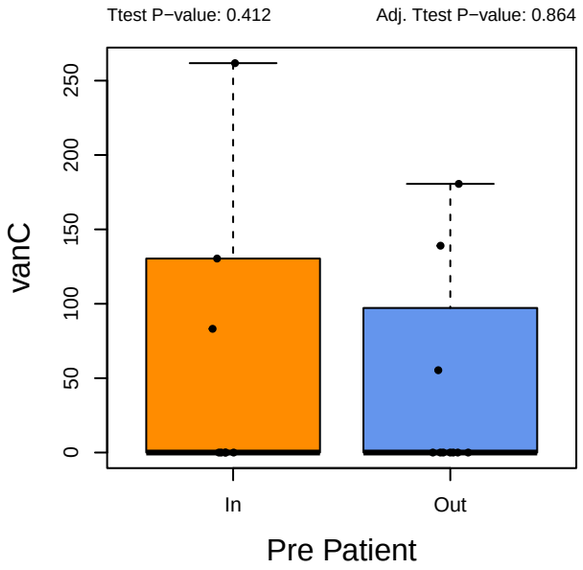

Ttest P−value: 0.407
Adj. Ttest P−value: 0.864
acrB
0
1000
2000
3000
In
Out
Pre Patient

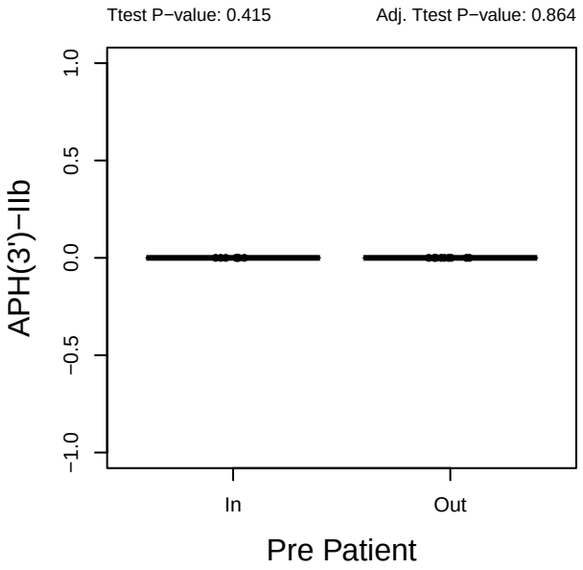

Ttest P−value: 0.407
Adj. Ttest P−value: 0.864
vanH_in_vanD_cl
0
200
400
600
800
1000
In
Out
Pre Patient

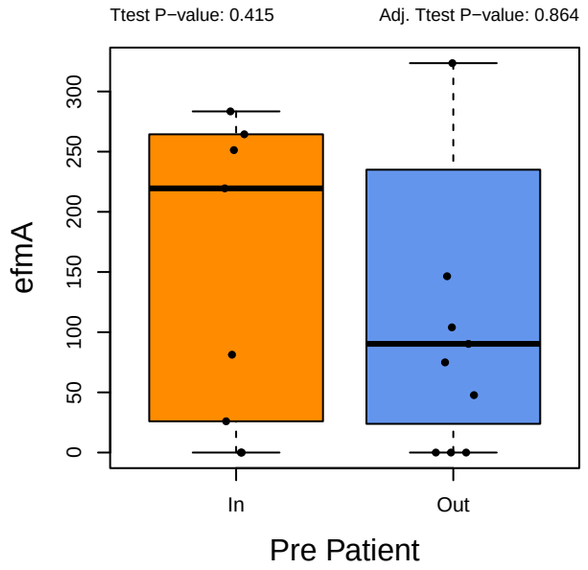

Ttest P−value: 0.409
Adj. Ttest P−value: 0.864
CfxA2
0
10000
20000
30000
In
Out
Pre Patient

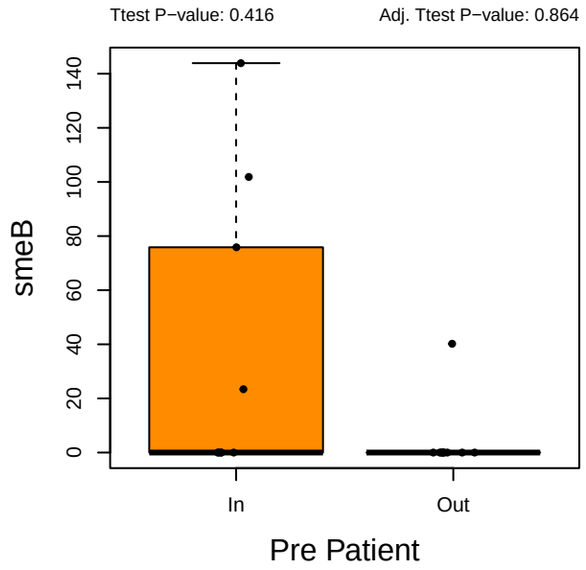

Ttest P−value: 0.411
Adj. Ttest P−value: 0.864
dfrA17
0
20
40
60
80
100
In
Out
Pre Patient

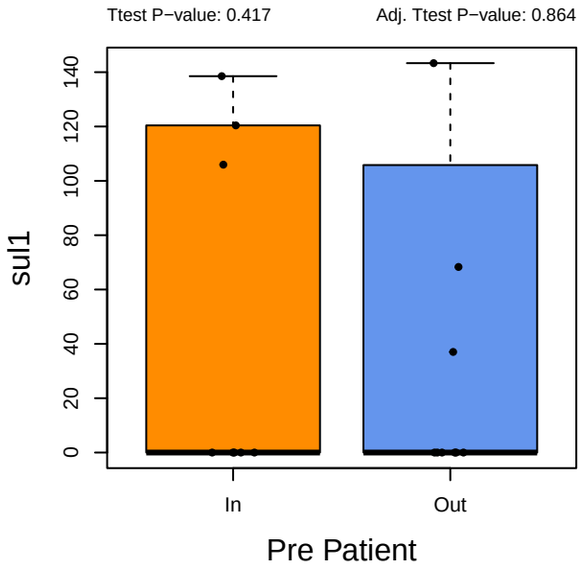

Ttest P−value: 0.412
Adj. Ttest P−value: 0.864
sul2
0
500
1000
1500
In
Out
Pre Patient

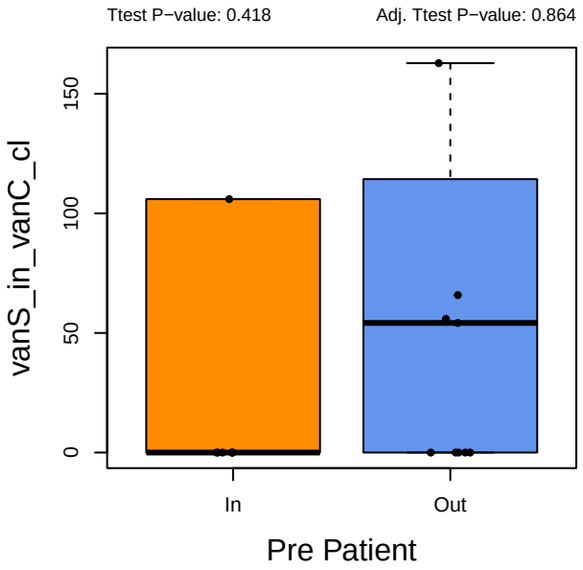

Ttest P−value: 0.412
Adj. Ttest P−value: 0.864
vanC
0
50
100
150
200
250
In
Out
Pre Patient

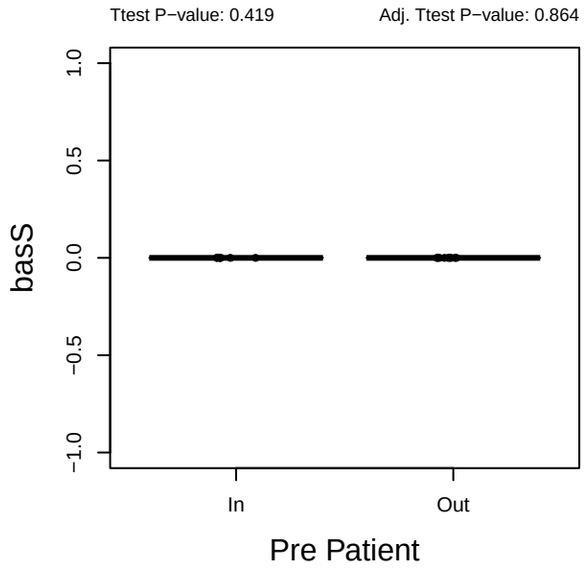

Ttest P−value: 0.415
Adj. Ttest P−value: 0.864
APH(3')−IIb
−1.0
−0.5
0.0
0.5
1.0
In
Out
Pre Patient

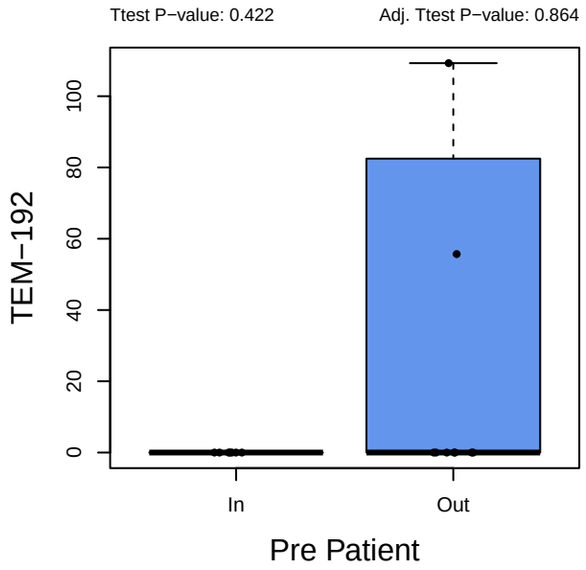

Ttest P−value: 0.415
Adj. Ttest P−value: 0.864
efmA
0
50
100
150
200
250
300
In
Out
Pre Patient

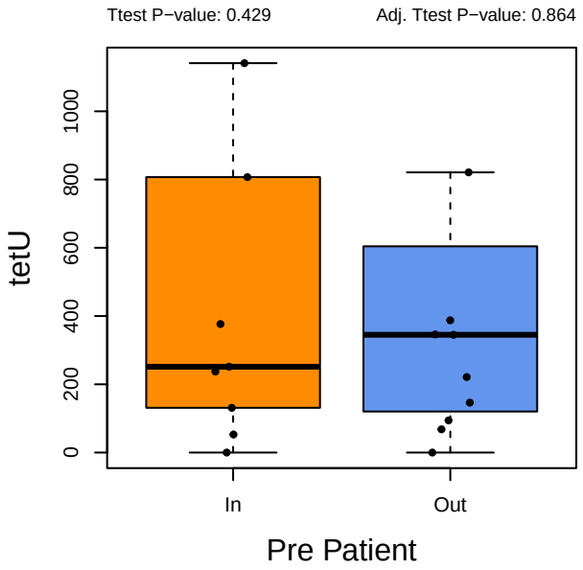

Ttest P−value: 0.416
Adj. Ttest P−value: 0.864
smeB
0
20
40
60
80
100
120
140
In
Out
Pre Patient

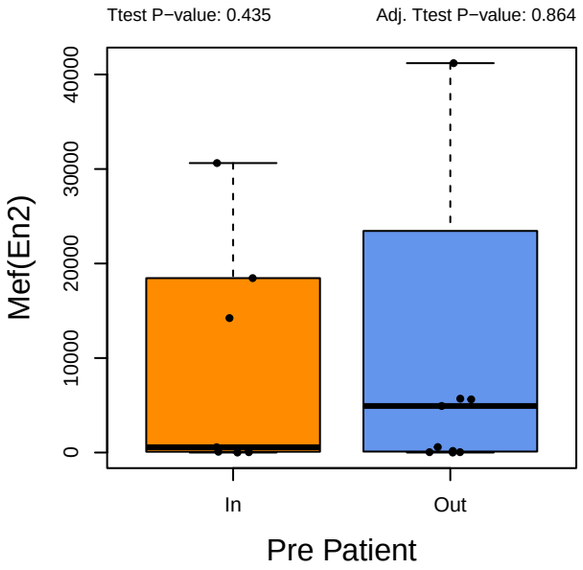

Ttest P−value: 0.417
Adj. Ttest P−value: 0.864
sul1
0
20
40
60
80
100
120
140
In
Out
Pre Patient

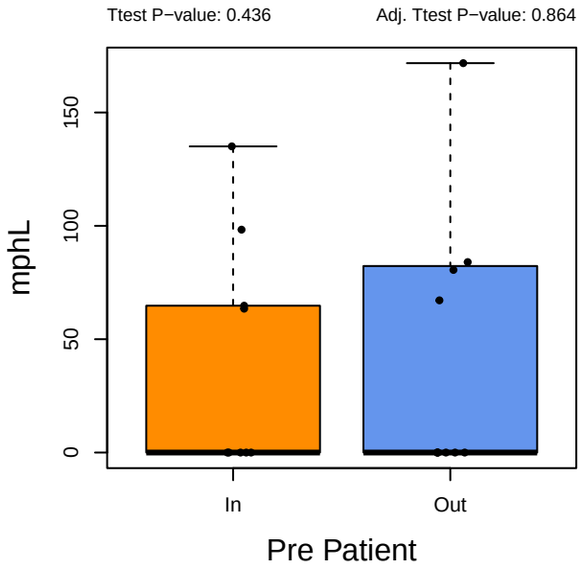

Ttest P−value: 0.418
Adj. Ttest P−value: 0.864
vanS_in_vanC_cl
0
50
100
150
In
Out
Pre Patient

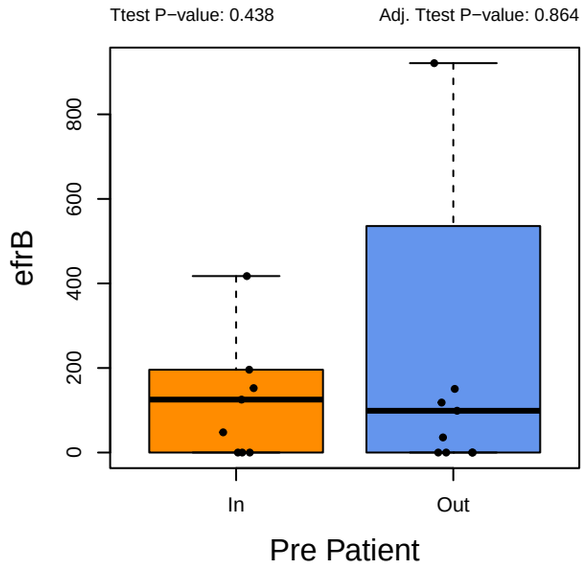

Ttest P−value: 0.419
Adj. Ttest P−value: 0.864
basS
−1.0
−0.5
0.0
0.5
1.0
In
Out
Pre Patient

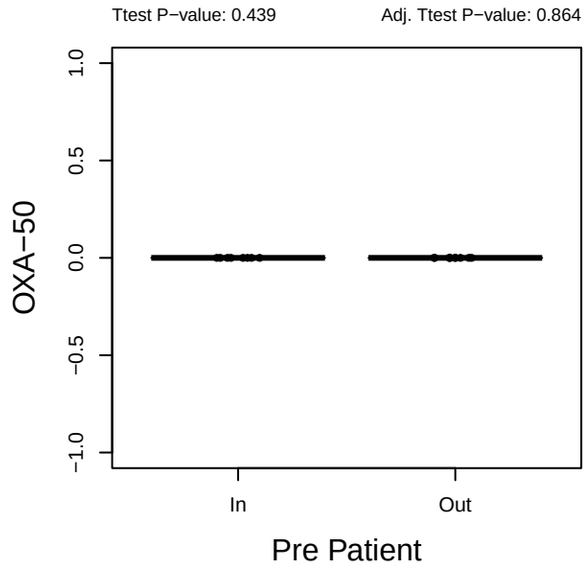

Ttest P−value: 0.422
Adj. Ttest P−value: 0.864
TEM−192
0
20
40
60
80
100
In
Out
Pre Patient

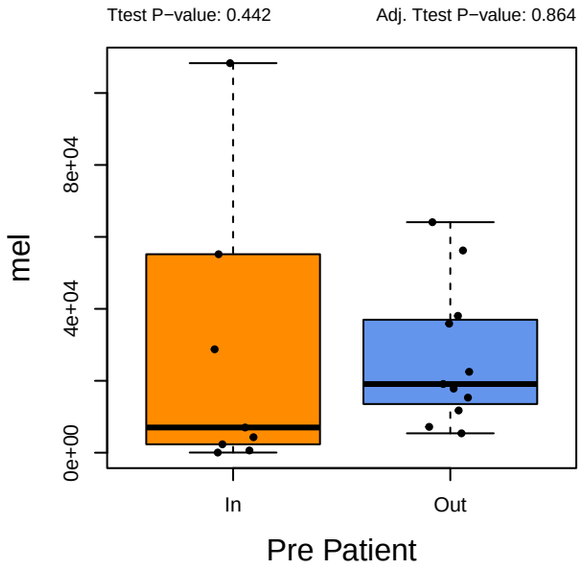

Ttest P−value: 0.429
Adj. Ttest P−value: 0.864
tetU
0
200
400
600
800
1000
In
Out
Pre Patient

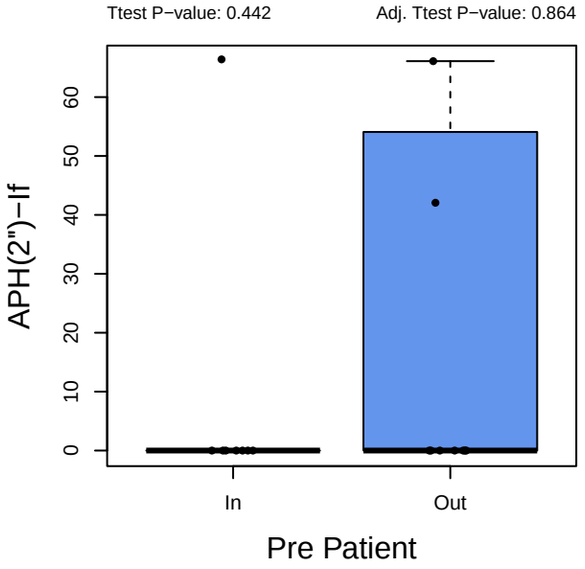

Ttest P−value: 0.435
Adj. Ttest P−value: 0.864
Mef(En2)
0
10000
20000
30000
40000
In
Out
Pre Patient

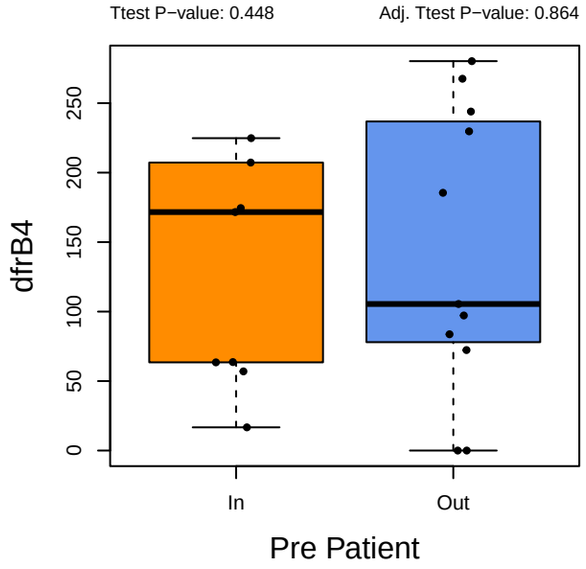

Ttest P−value: 0.436
Adj. Ttest P−value: 0.864
mphL
0
50
100
150
In
Out
Pre Patient

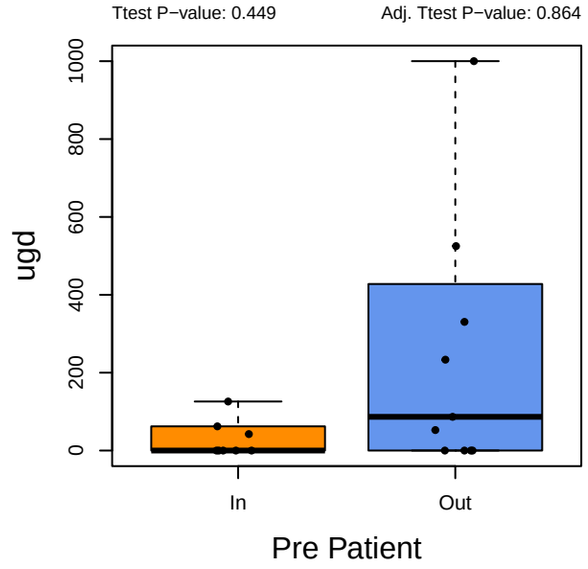

Ttest P−value: 0.438
Adj. Ttest P−value: 0.864
efrB
0
200
400
600
800
In
Out
Pre Patient

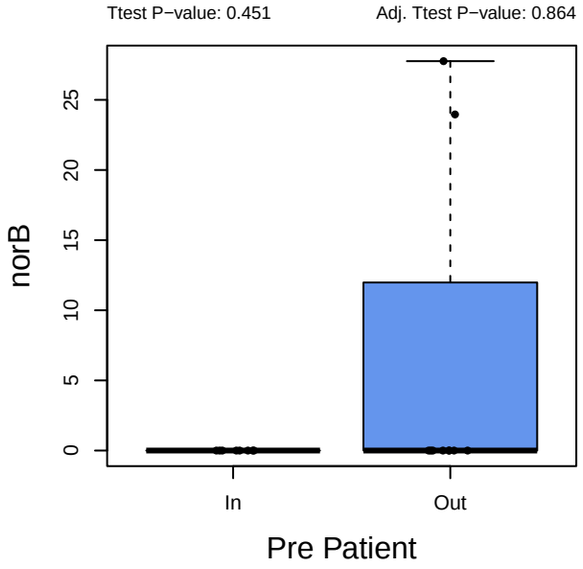

Ttest P−value: 0.439
Adj. Ttest P−value: 0.864
OXA−50
−1.0
−0.5
0.0
0.5
1.0
In
Out
Pre Patient

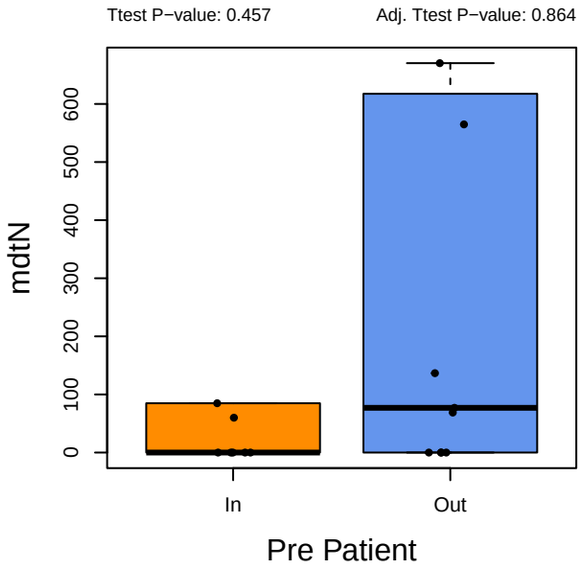

Ttest P−value: 0.442
Adj. Ttest P−value: 0.864
mel
0e+00
4e+04
8e+04
In
Out
Pre Patient

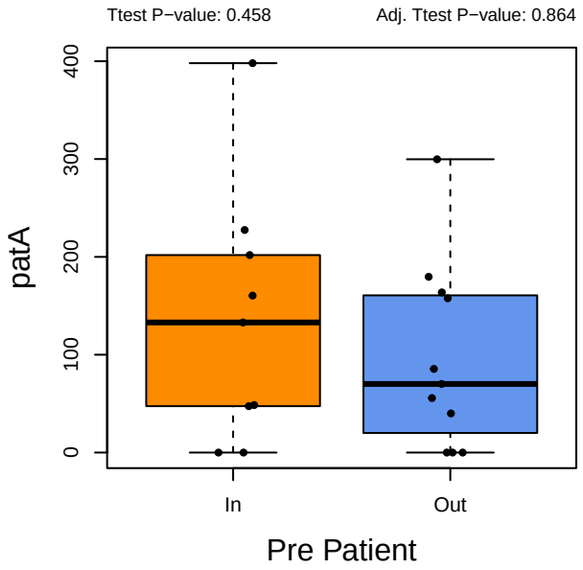

Ttest P−value: 0.442
Adj. Ttest P−value: 0.864
APH(2")−If
0
10
20
30
40
50
60
In
Out
Pre Patient

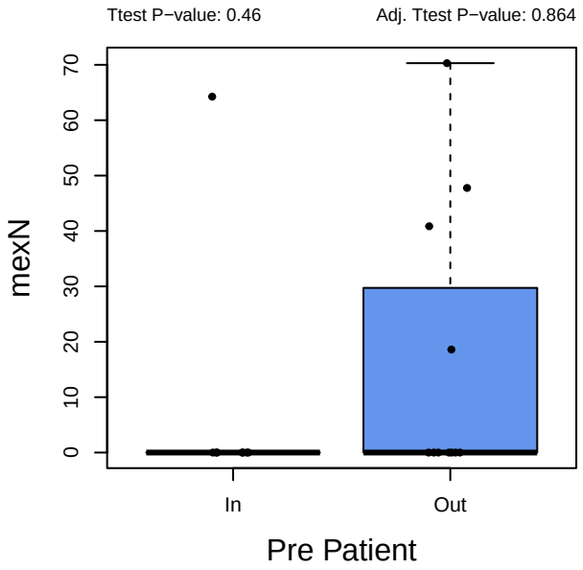

Ttest P−value: 0.448
Adj. Ttest P−value: 0.864
dfrB4
0
50
100
150
200
250
In
Out
Pre Patient

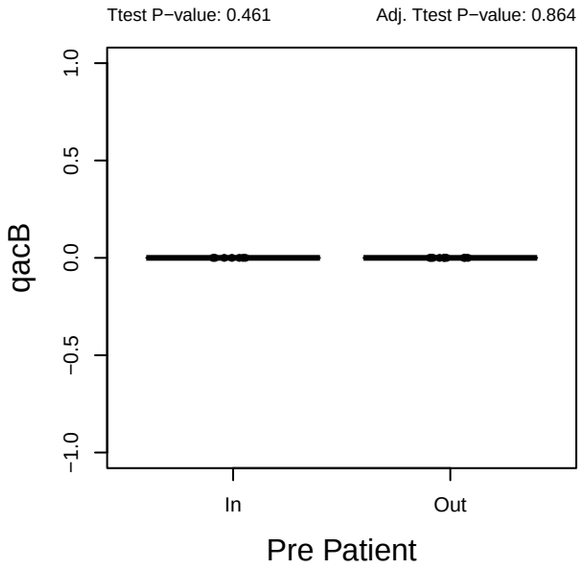

Ttest P−value: 0.449
Adj. Ttest P−value: 0.864
ugd
0
200
400
600
800
1000
In
Out
Pre Patient

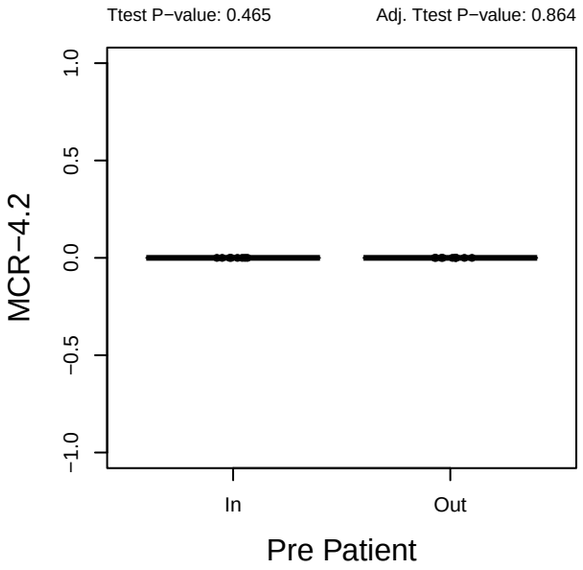

Ttest P−value: 0.451
Adj. Ttest P−value: 0.864
norB
0
5
10
15
20
25
In
Out
Pre Patient

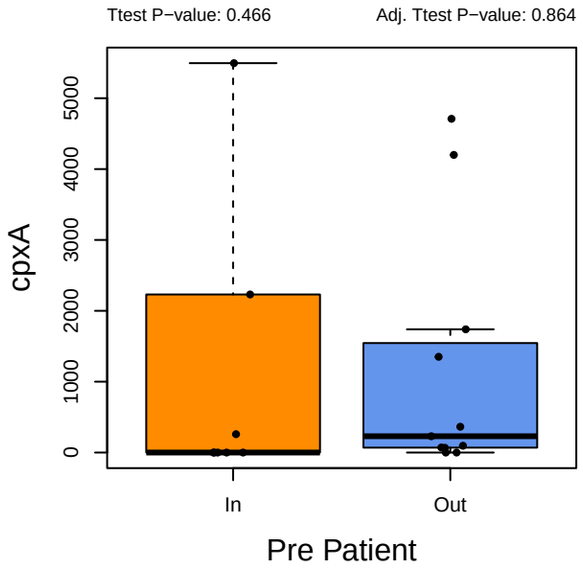

Ttest P−value: 0.457
Adj. Ttest P−value: 0.864
mdtN
0
100
200
300
400
500
600
In
Out
Pre Patient

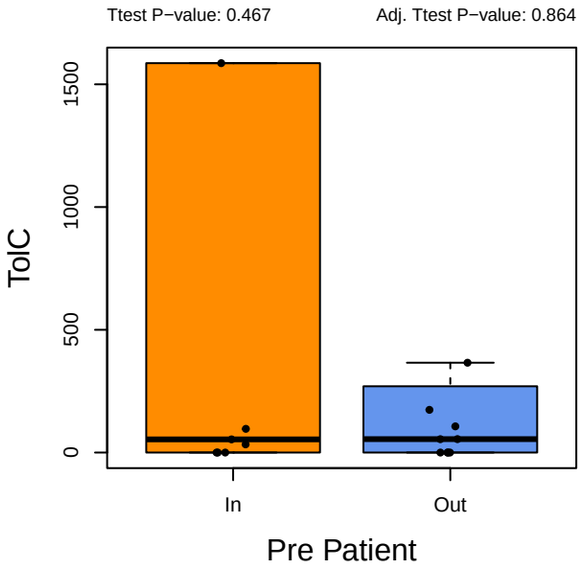

Ttest P−value: 0.458
Adj. Ttest P−value: 0.864
patA
0
100
200
300
400
In
Out
Pre Patient

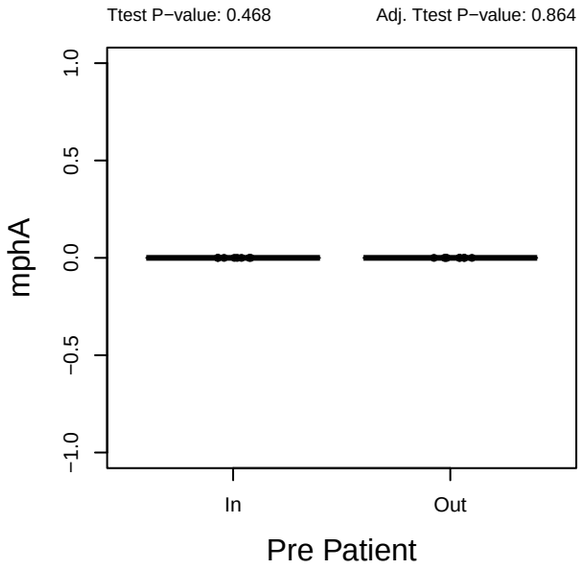

Ttest P−value: 0.46
Adj. Ttest P−value: 0.864
mexN
0
10
20
30
40
50
60
70
In
Out
Pre Patient

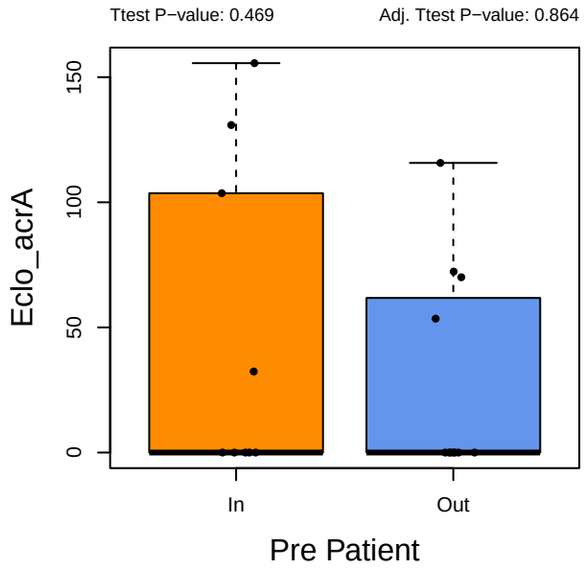

Ttest P−value: 0.461
Adj. Ttest P−value: 0.864
qacB
−1.0
−0.5
0.0
0.5
1.0
In
Out
Pre Patient

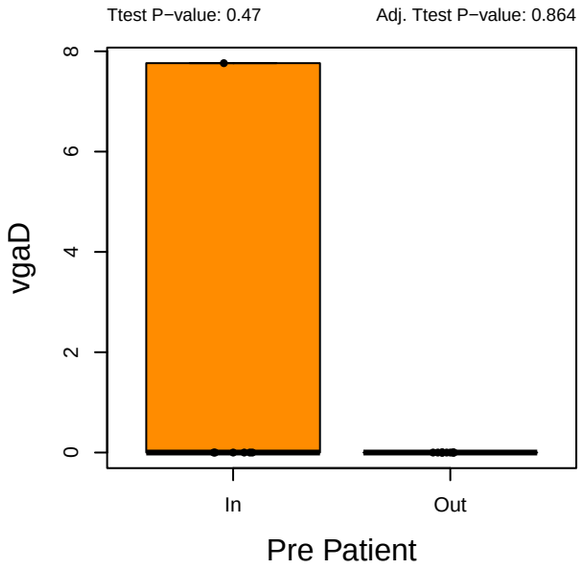

Ttest P−value: 0.465
Adj. Ttest P−value: 0.864
MCR−4.2
−1.0
−0.5
0.0
0.5
1.0
In
Out
Pre Patient

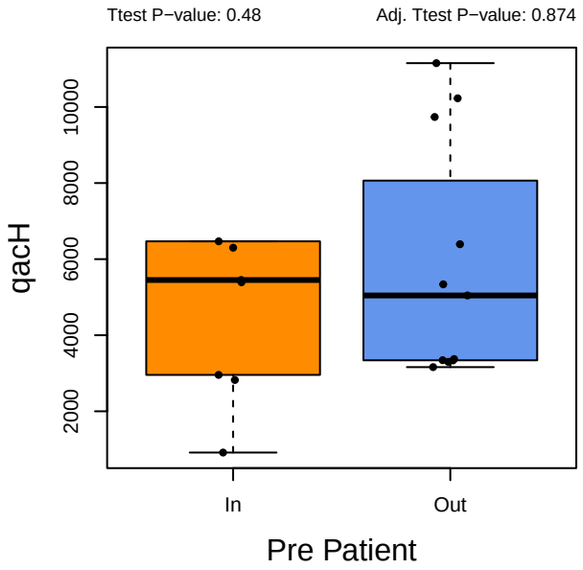

Ttest P−value: 0.466
Adj. Ttest P−value: 0.864
cpxA
0
1000
2000
3000
4000
5000
In
Out
Pre Patient

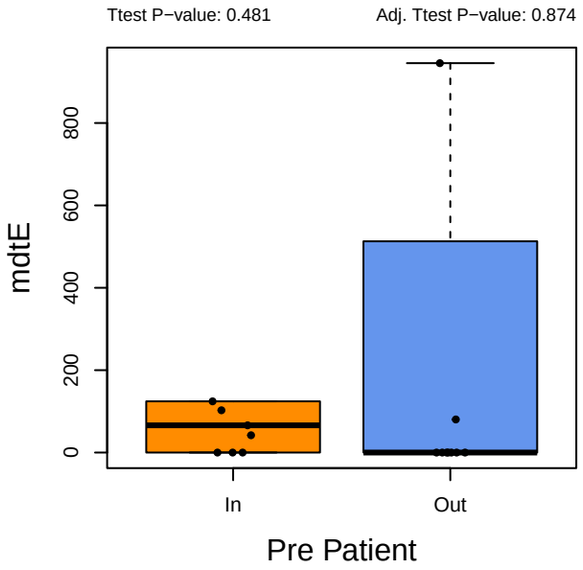

Ttest P−value: 0.467
Adj. Ttest P−value: 0.864
TolC
0
500
1000
1500
In
Out
Pre Patient

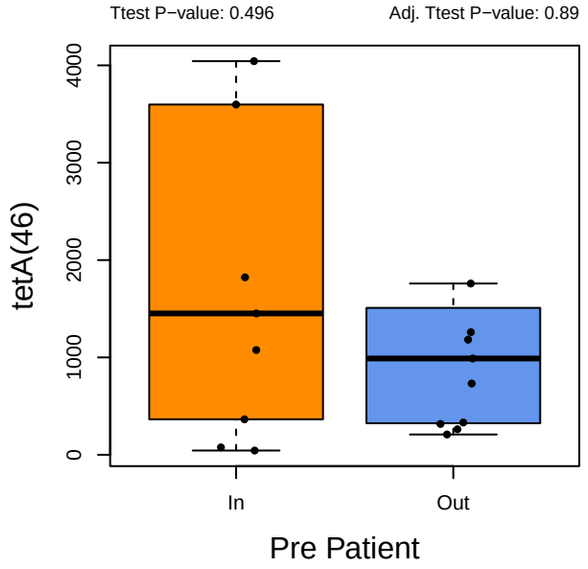

Ttest P−value: 0.468
Adj. Ttest P−value: 0.864
mphA
−1.0
−0.5
0.0
0.5
1.0
In
Out
Pre Patient

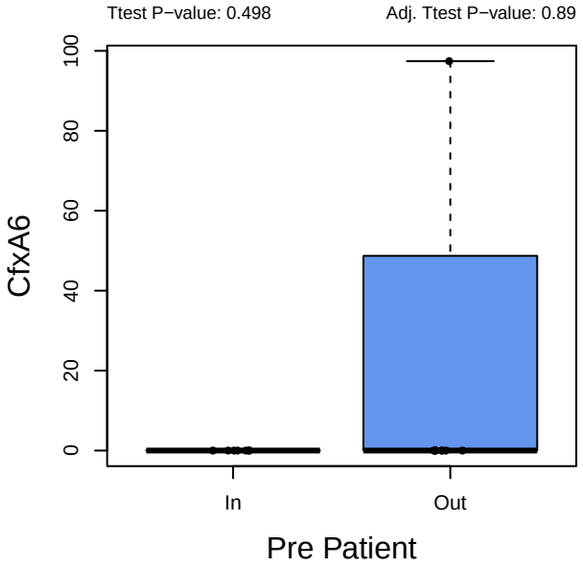

Ttest P−value: 0.469
Adj. Ttest P−value: 0.864
Eclo_acrA
0
50
100
150
In
Out
Pre Patient

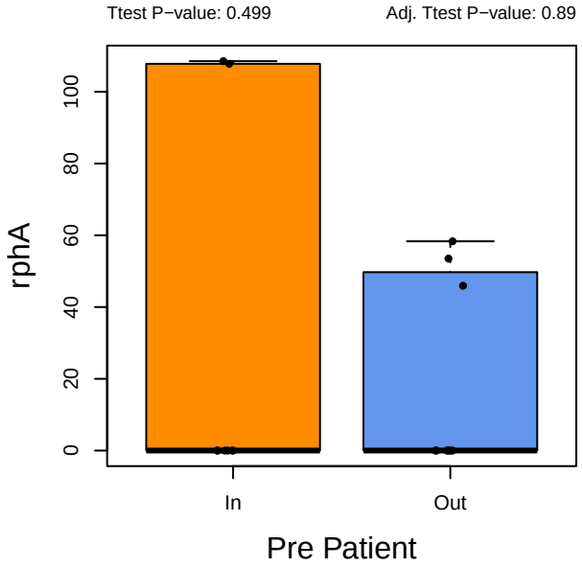

Ttest P−value: 0.47
Adj. Ttest P−value: 0.864
vgaD
0
2
4
6
8
In
Out
Pre Patient

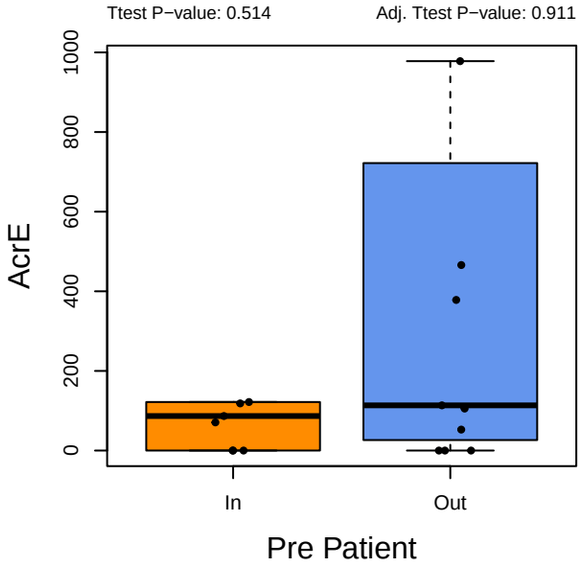

Ttest P−value: 0.48
Adj. Ttest P−value: 0.874
qacH
2000
4000
6000
8000
10000
In
Out
Pre Patient

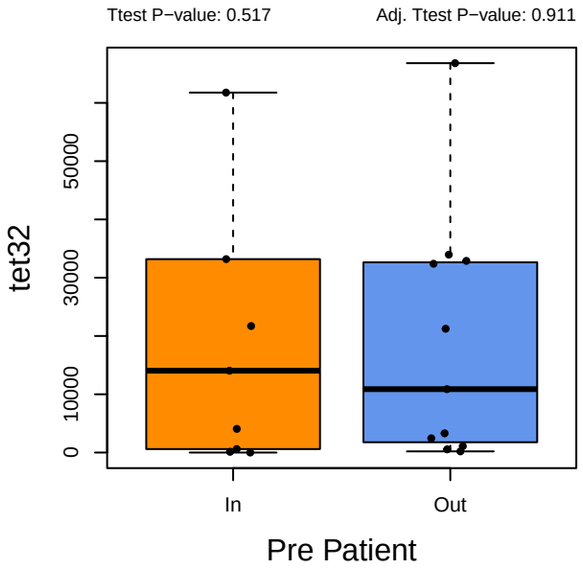

Ttest P−value: 0.481
Adj. Ttest P−value: 0.874
mdtE
0
200
400
600
800
In
Out
Pre Patient

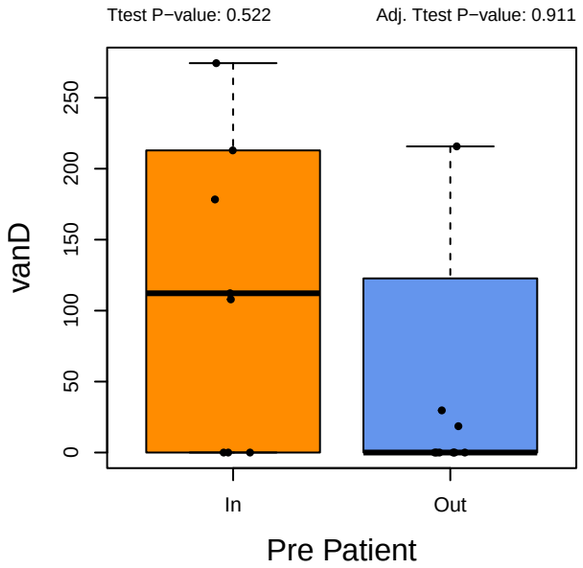

Ttest P−value: 0.496
Adj. Ttest P−value: 0.89
tetA(46)
0
1000
2000
3000
4000
In
Out
Pre Patient

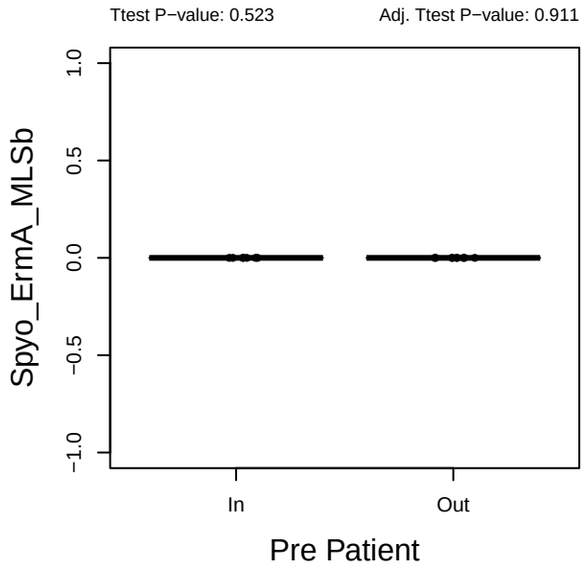

Ttest P−value: 0.498
Adj. Ttest P−value: 0.89
CfxA6
0
20
40
60
80
100
In
Out
Pre Patient

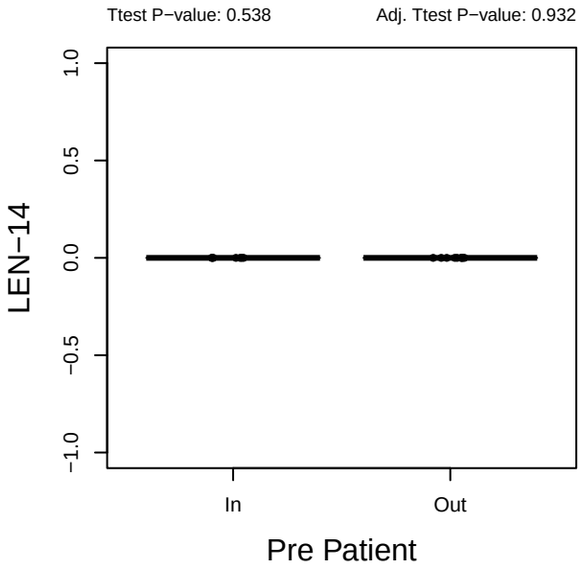

Ttest P−value: 0.499
Adj. Ttest P−value: 0.89
rphA
0
20
40
60
80
100
In
Out
Pre Patient

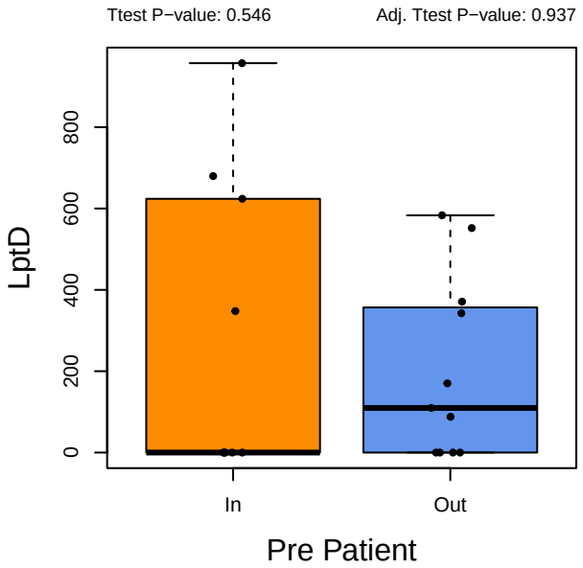

Ttest P−value: 0.514
Adj. Ttest P−value: 0.911
AcrE
0
200
400
600
800
1000
In
Out
Pre Patient

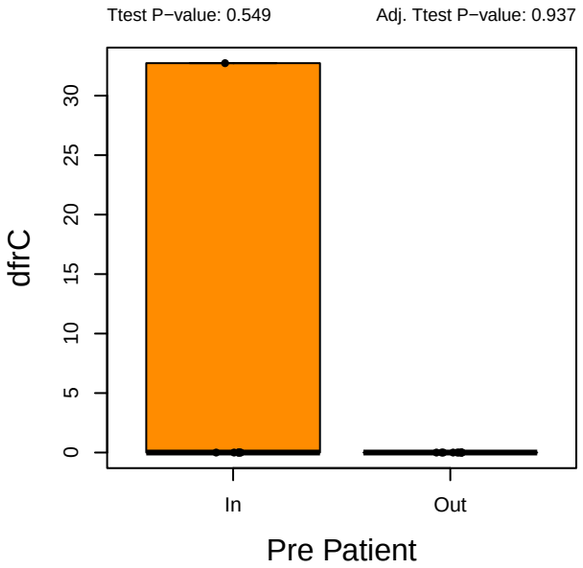

Ttest P−value: 0.517
Adj. Ttest P−value: 0.911
tet32
0
10000
30000
50000
In
Out
Pre Patient

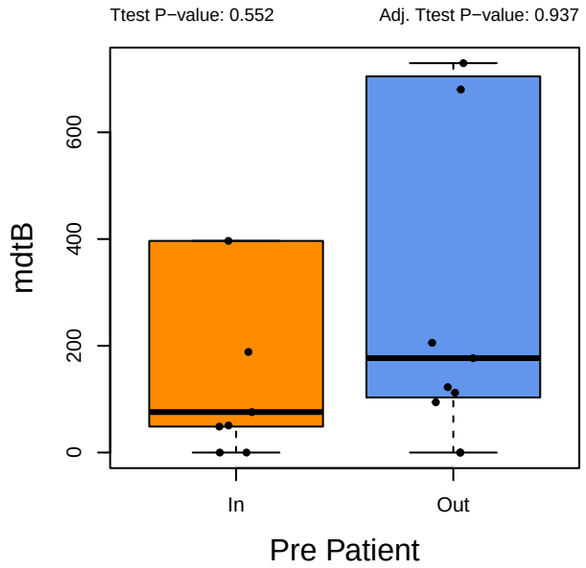

Ttest P−value: 0.522
Adj. Ttest P−value: 0.911
vanD
0
50
100
150
200
250
In
Out
Pre Patient

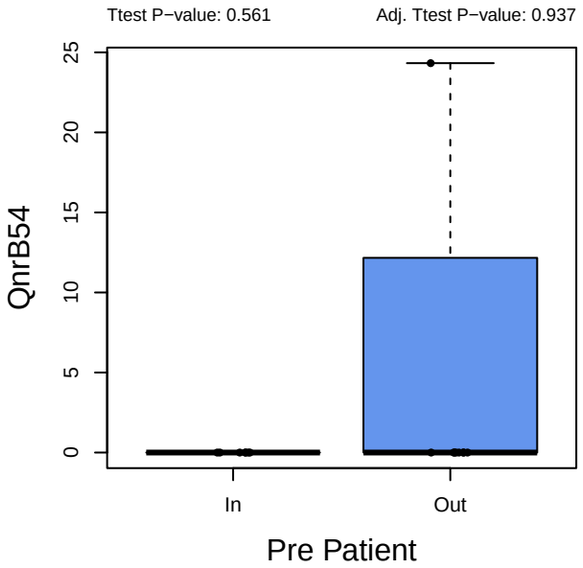

Ttest P−value: 0.523
Adj. Ttest P−value: 0.911
Spyo_ErmA_MLSb
−1.0
−0.5
0.0
0.5
1.0
In
Out
Pre Patient

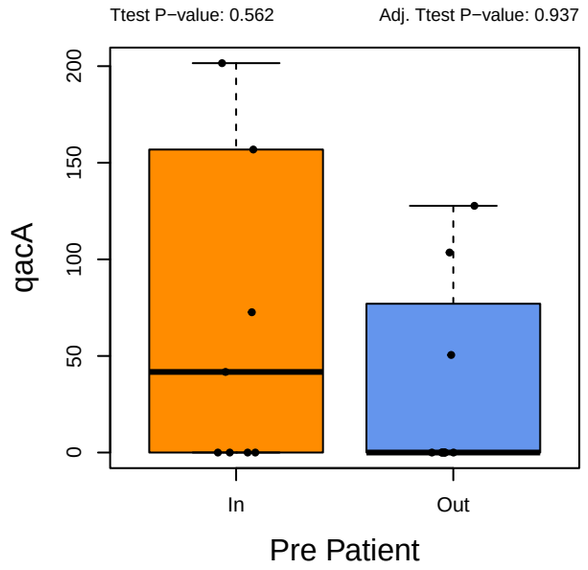

Ttest P−value: 0.538
Adj. Ttest P−value: 0.932
LEN−14
−1.0
−0.5
0.0
0.5
1.0
In
Out
Pre Patient

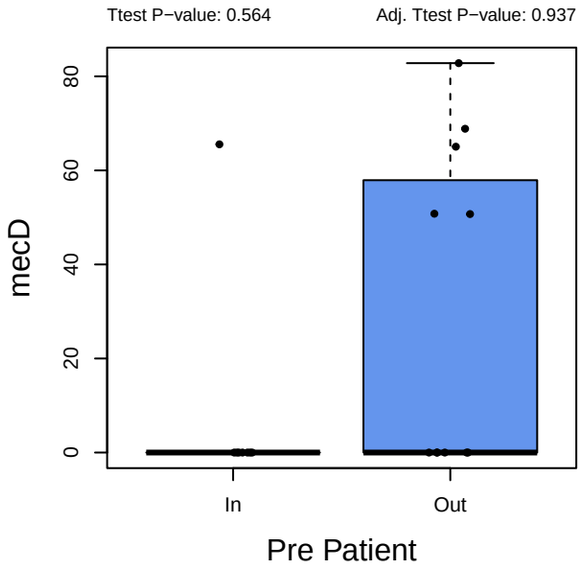

Ttest P−value: 0.546
Adj. Ttest P−value: 0.937
LptD
0
200
400
600
800
In
Out
Pre Patient

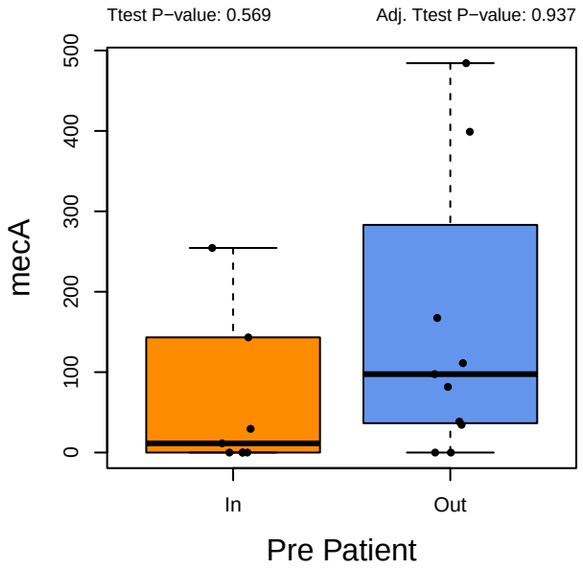

Ttest P−value: 0.549
Adj. Ttest P−value: 0.937
dfrC
0
5
10
15
20
25
30
In
Out
Pre Patient

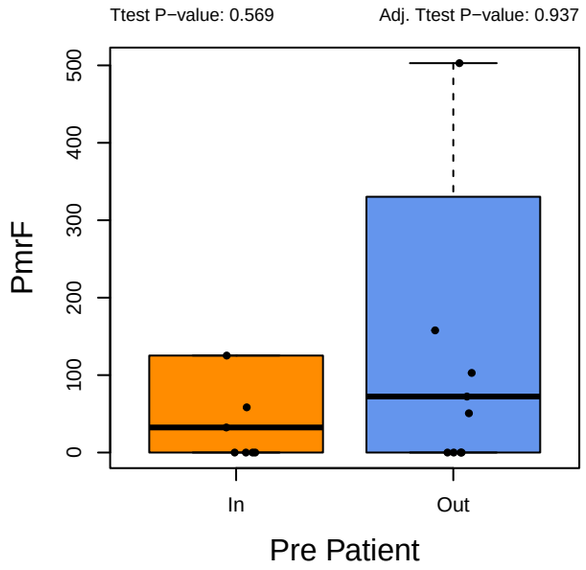

Ttest P−value: 0.552
Adj. Ttest P−value: 0.937
mdtB
0
200
400
600
In
Out
Pre Patient

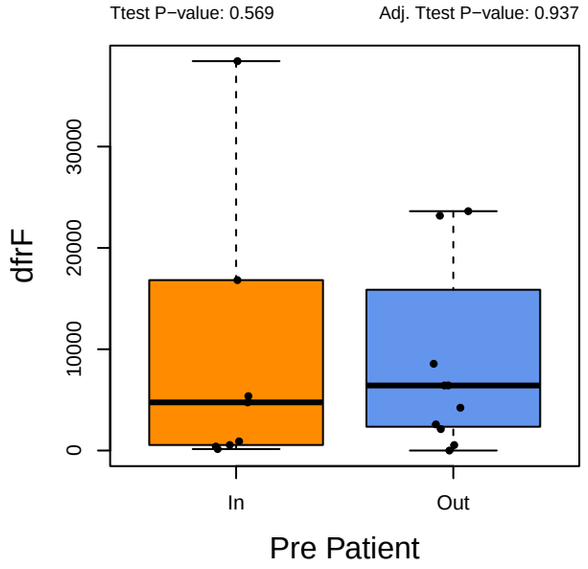

Ttest P−value: 0.561
Adj. Ttest P−value: 0.937
QnrB54
0
5
10
15
20
25
In
Out
Pre Patient

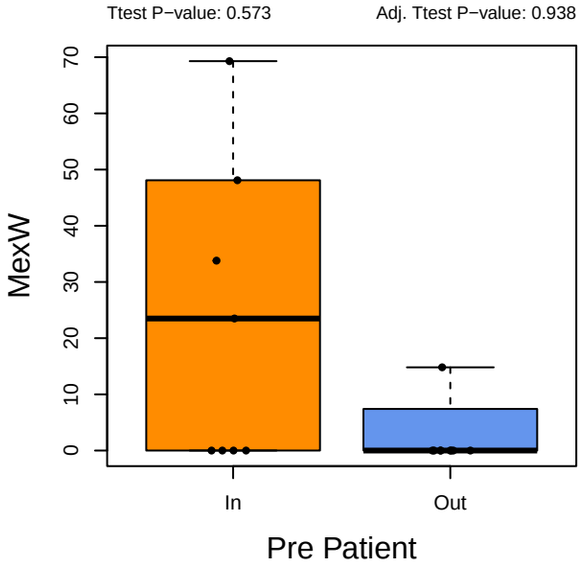

Ttest P−value: 0.562
Adj. Ttest P−value: 0.937
qacA
0
50
100
150
200
In
Out
Pre Patient

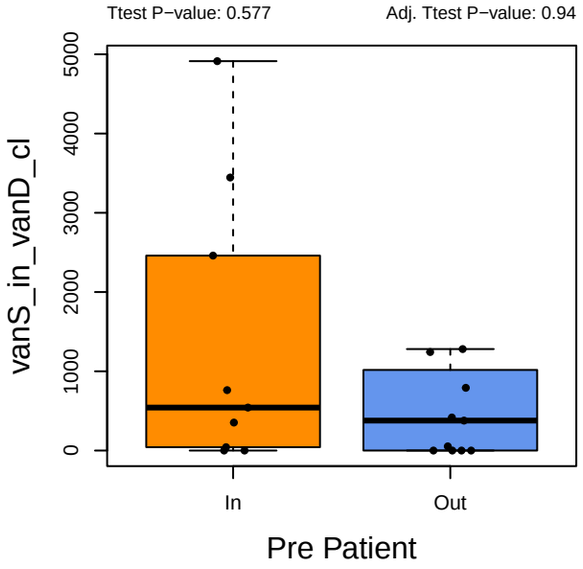

Ttest P−value: 0.564
Adj. Ttest P−value: 0.937
mecD
0
20
40
60
80
In
Out
Pre Patient

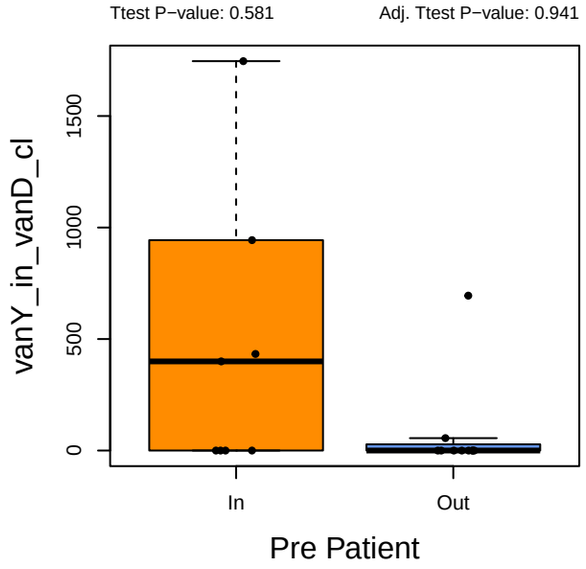

Ttest P−value: 0.569
Adj. Ttest P−value: 0.937
mecA
0
100
200
300
400
500
In
Out
Pre Patient

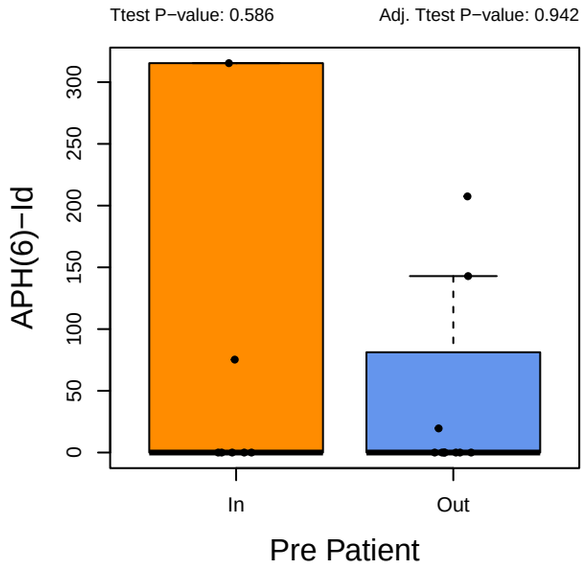

Ttest P−value: 0.569
Adj. Ttest P−value: 0.937
PmrF
0
100
200
300
400
500
In
Out
Pre Patient

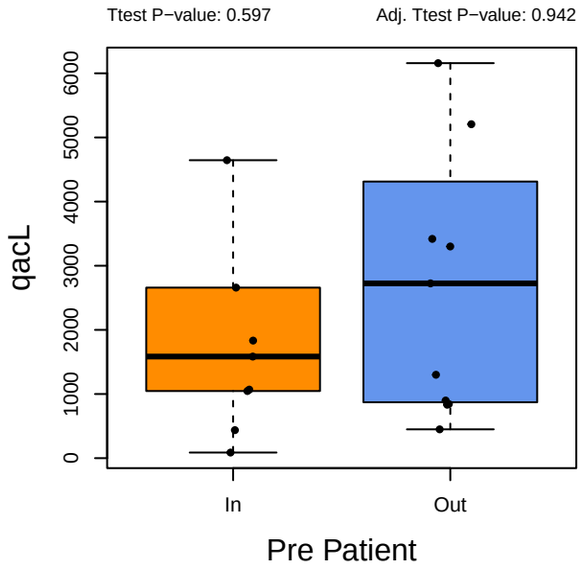

Ttest P−value: 0.569
Adj. Ttest P−value: 0.937
dfrF
0
10000
20000
30000
In
Out
Pre Patient

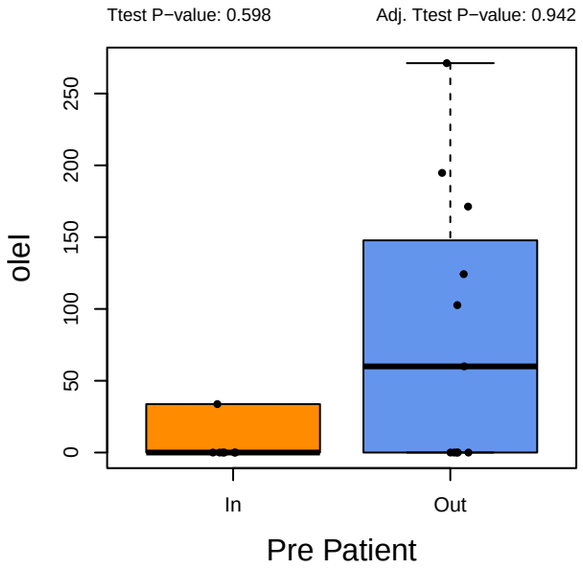

Ttest P−value: 0.573
Adj. Ttest P−value: 0.938
MexW
0
10
20
30
40
50
60
70
In
Out
Pre Patient

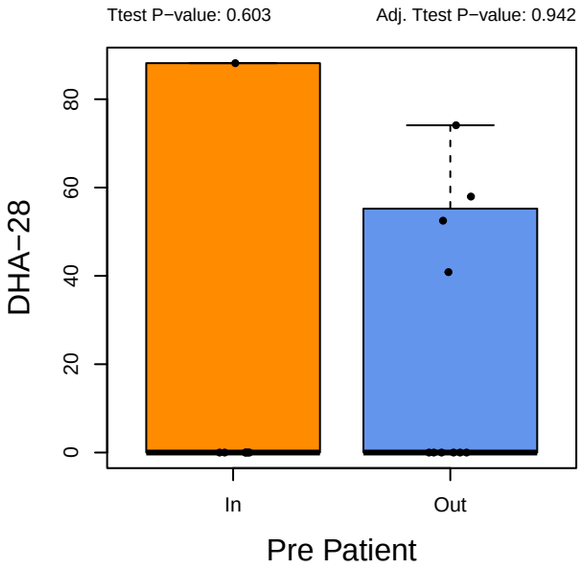

Ttest P−value: 0.577
Adj. Ttest P−value: 0.94
vanS_in_vanD_cl
0
1000
2000
3000
4000
5000
In
Out
Pre Patient

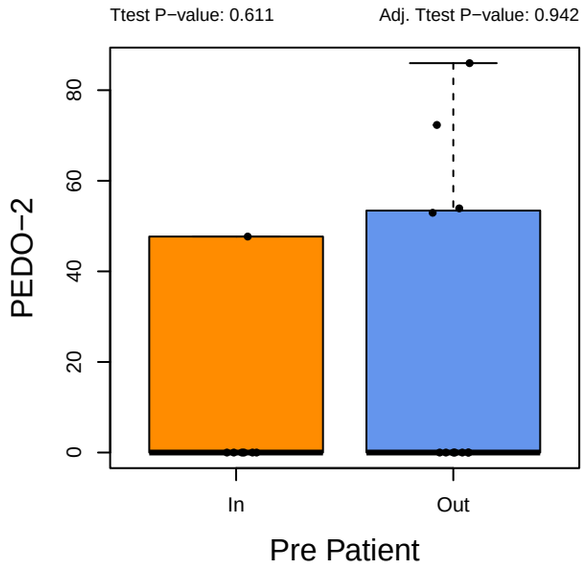

Ttest P−value: 0.581
Adj. Ttest P−value: 0.941
vanY_in_vanD_cl
0
500
1000
1500
In
Out
Pre Patient

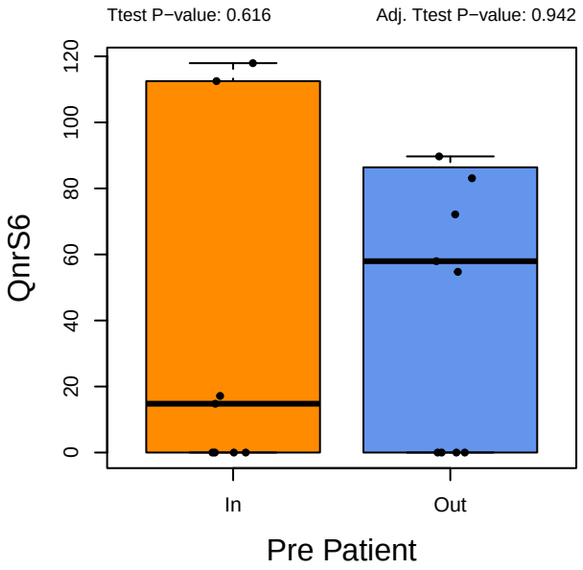

Ttest P−value: 0.586
Adj. Ttest P−value: 0.942
APH(6)−Id
0
50
100
150
200
250
300
In
Out
Pre Patient

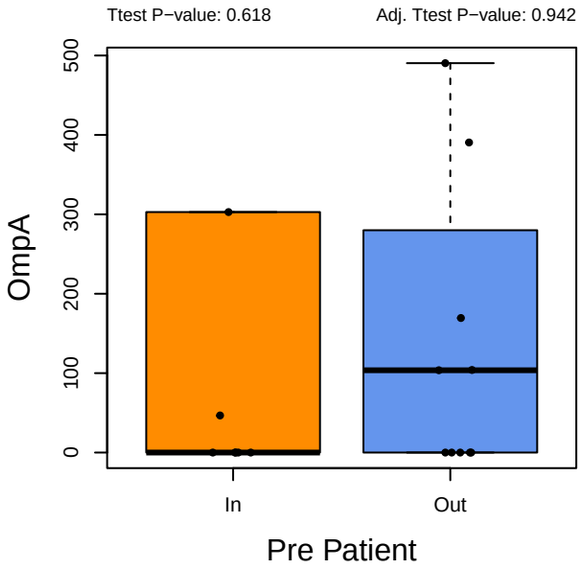

Ttest P−value: 0.597
Adj. Ttest P−value: 0.942
qacL
0
1000
2000
3000
4000
5000
6000
In
Out
Pre Patient

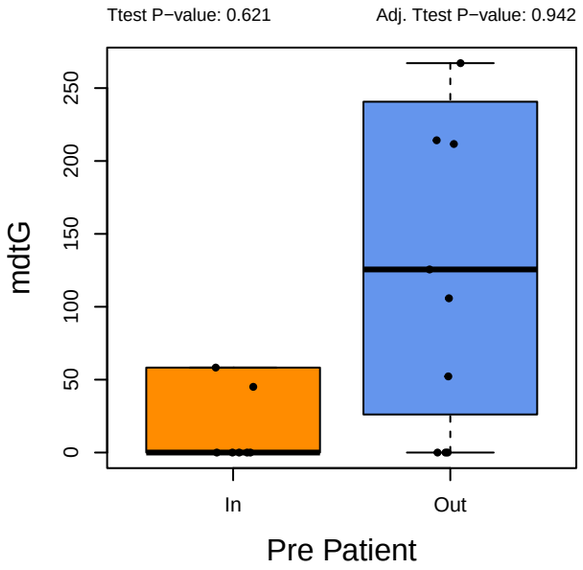

Ttest P−value: 0.598
Adj. Ttest P−value: 0.942
olel
0
50
100
150
200
250
In
Out
Pre Patient

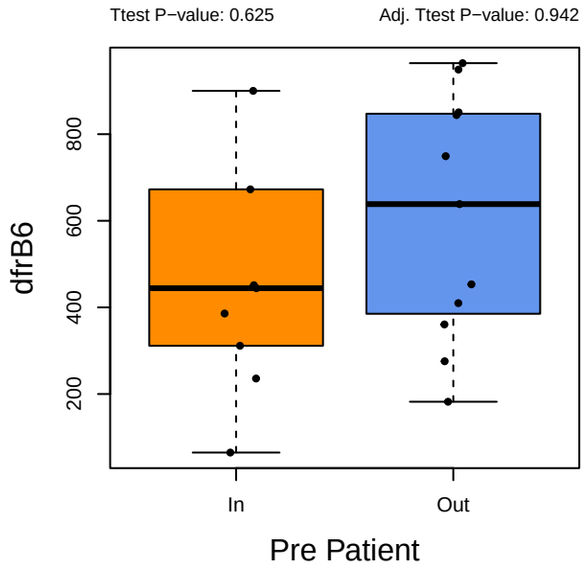

Ttest P−value: 0.603
Adj. Ttest P−value: 0.942
DHA−28
0
20
40
60
80
In
Out
Pre Patient

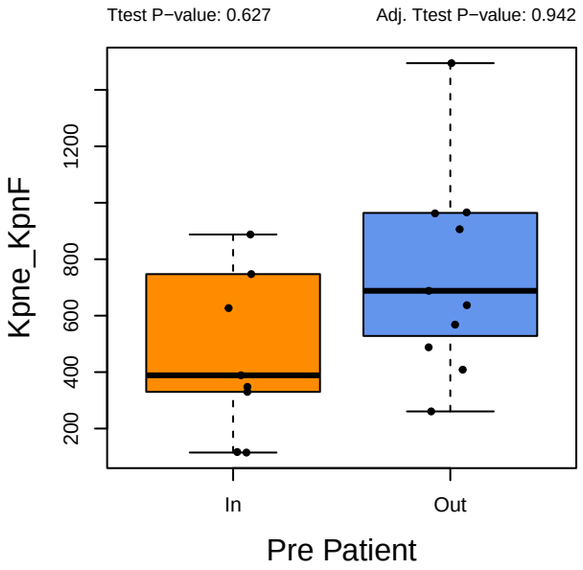

Ttest P−value: 0.611
Adj. Ttest P−value: 0.942
PEDO−2
0
20
40
60
80
In
Out
Pre Patient

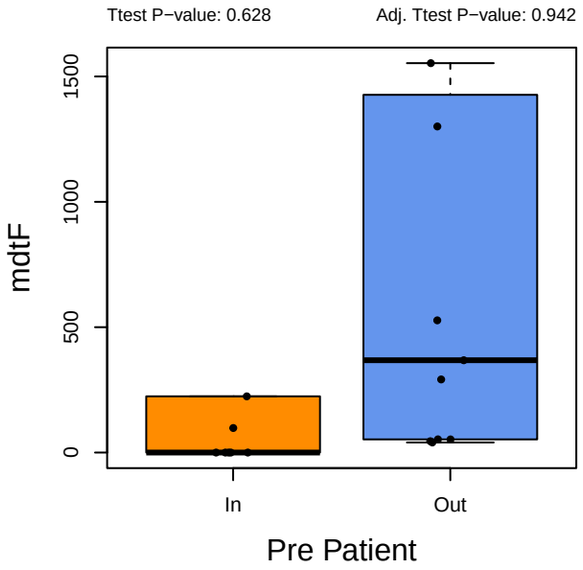

Ttest P−value: 0.616
Adj. Ttest P−value: 0.942
QnrS6
0
20
40
60
80
100
120
In
Out
Pre Patient

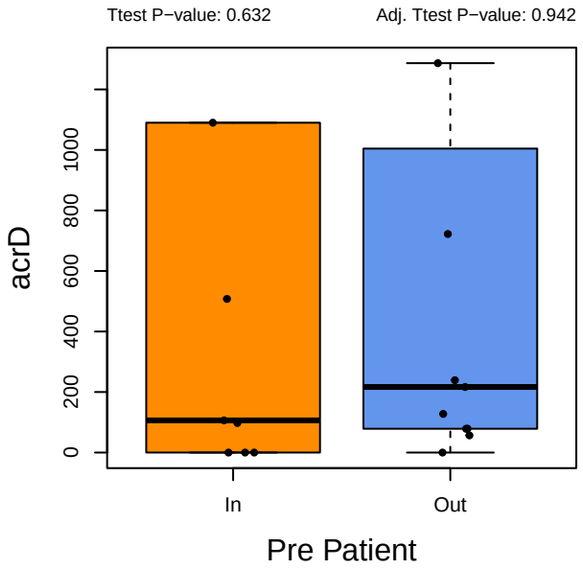

Ttest P−value: 0.618
Adj. Ttest P−value: 0.942
OmpA
0
100
200
300
400
500
In
Out
Pre Patient

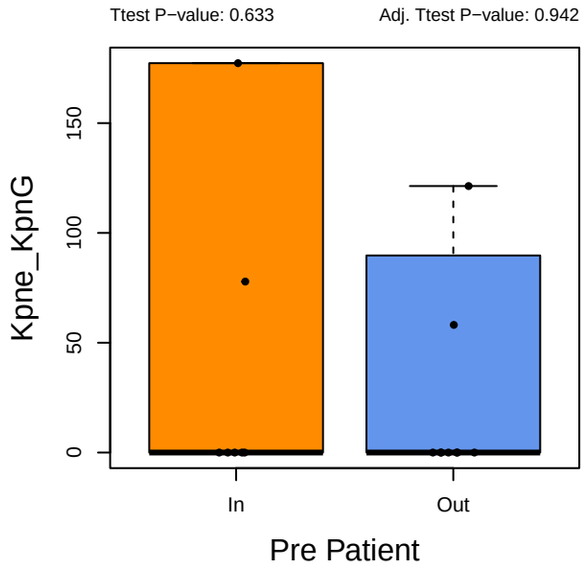

Ttest P−value: 0.621
Adj. Ttest P−value: 0.942
mdtG
0
50
100
150
200
250
In
Out
Pre Patient

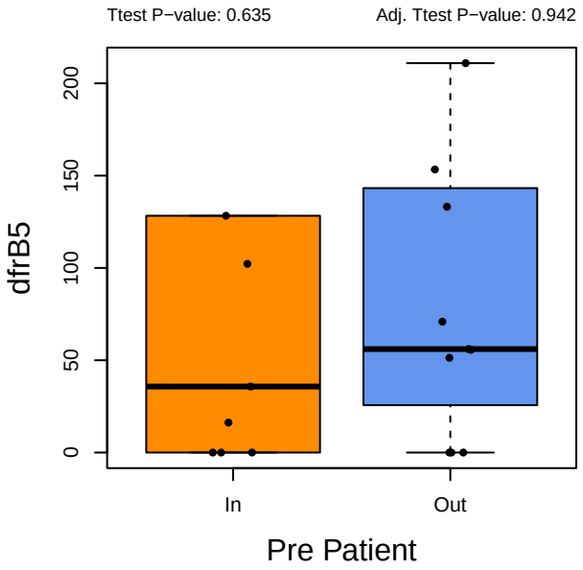

Ttest P−value: 0.625
Adj. Ttest P−value: 0.942
dfrB6
200
400
600
800
In
Out
Pre Patient

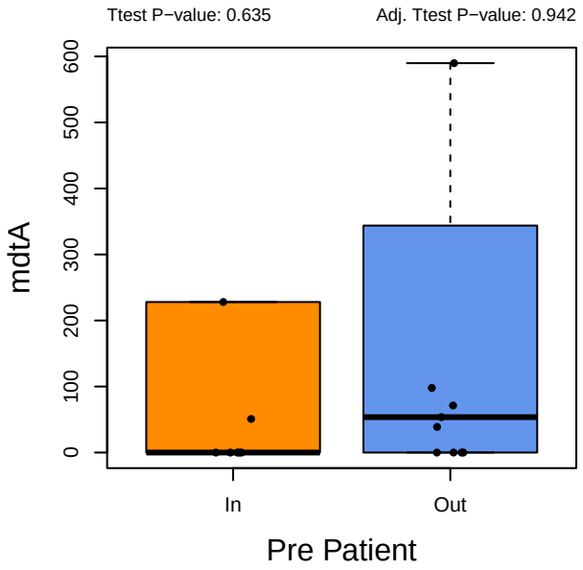

Ttest P−value: 0.627
Adj. Ttest P−value: 0.942
Kpne_KpnF
200
400
600
800
1200
In
Out
Pre Patient

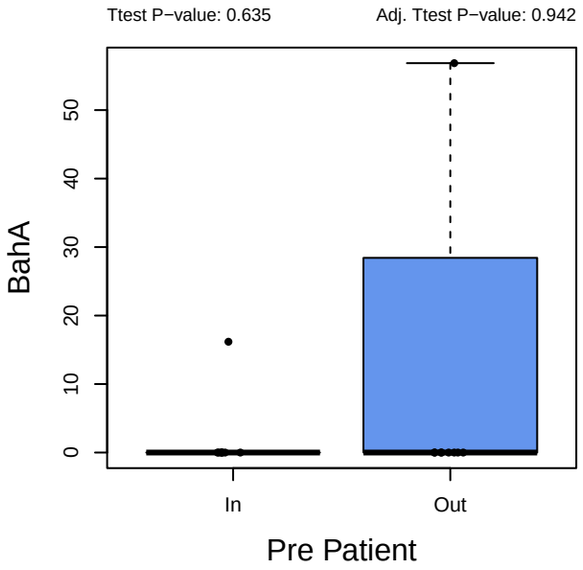

Ttest P−value: 0.628
Adj. Ttest P−value: 0.942
mdtF
0
500
1000
1500
In
Out
Pre Patient

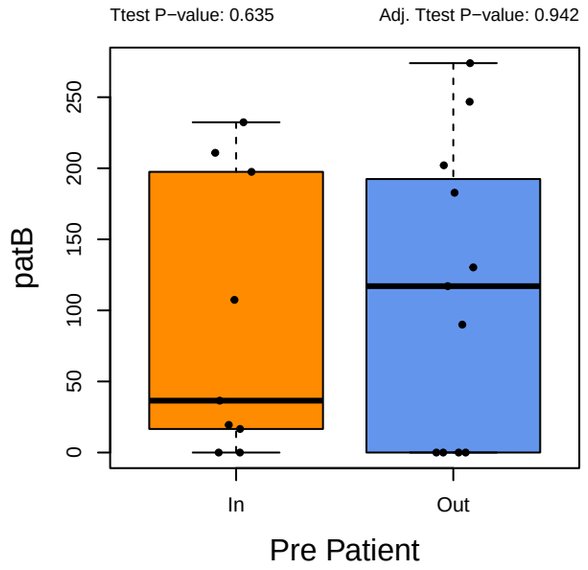

Ttest P−value: 0.632
Adj. Ttest P−value: 0.942
acrD
0
200
400
600
800
1000
In
Out
Pre Patient

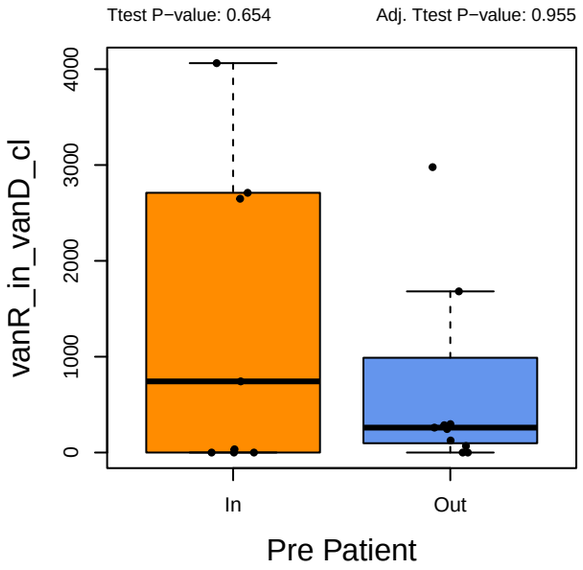

Ttest P−value: 0.633
Adj. Ttest P−value: 0.942
Kpne_KpnG
0
50
100
150
In
Out
Pre Patient

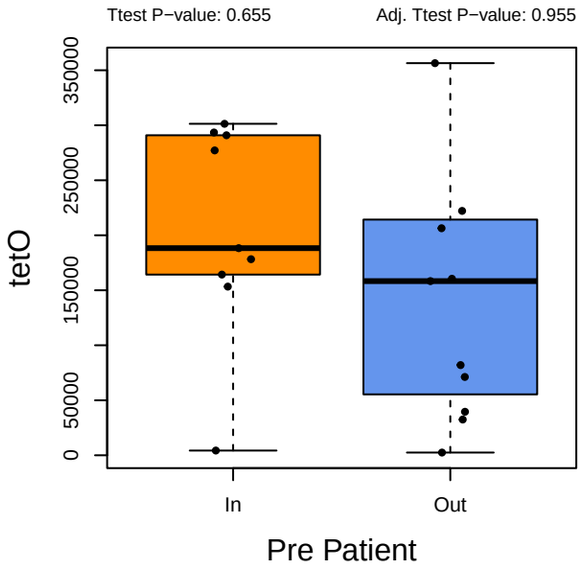

Ttest P−value: 0.635
Adj. Ttest P−value: 0.942
dfrB5
0
50
100
150
200
In
Out
Pre Patient

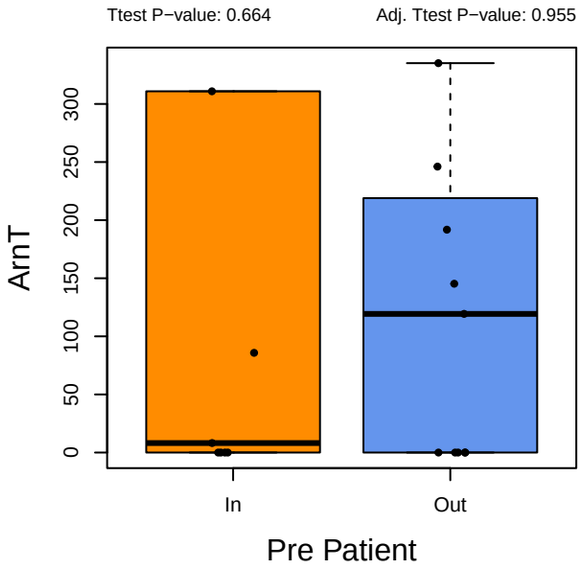

Ttest P−value: 0.635
Adj. Ttest P−value: 0.942
mdtA
0
100
200
300
400
500
600
In
Out
Pre Patient

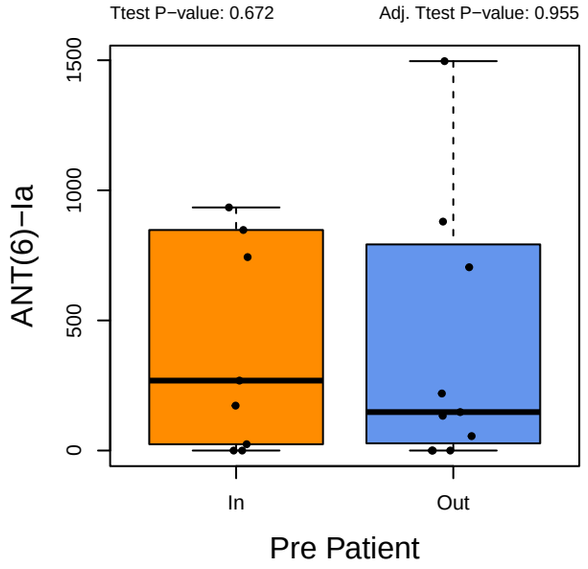

Ttest P−value: 0.635
Adj. Ttest P−value: 0.942
BahA
0
10
20
30
40
50
In
Out
Pre Patient

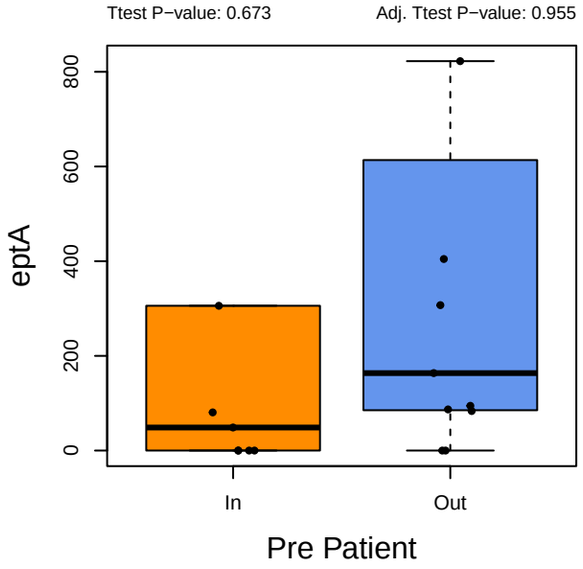

Ttest P−value: 0.635
Adj. Ttest P−value: 0.942
patB
0
50
100
150
200
250
In
Out
Pre Patient

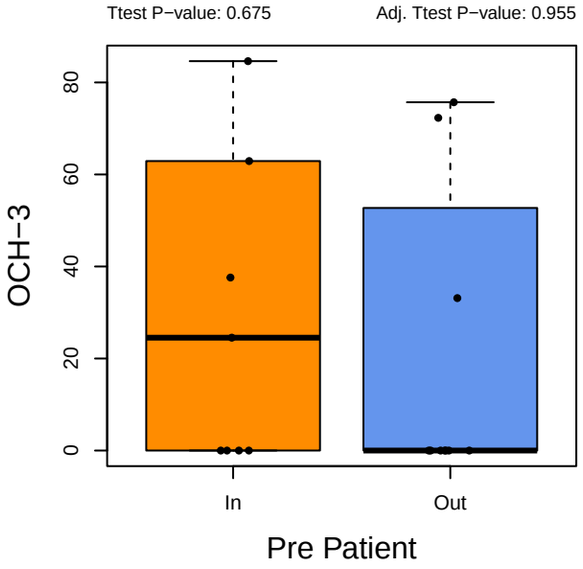

Ttest P−value: 0.654
Adj. Ttest P−value: 0.955
vanR_in_vanD_cl
0
1000
2000
3000
4000
In
Out
Pre Patient

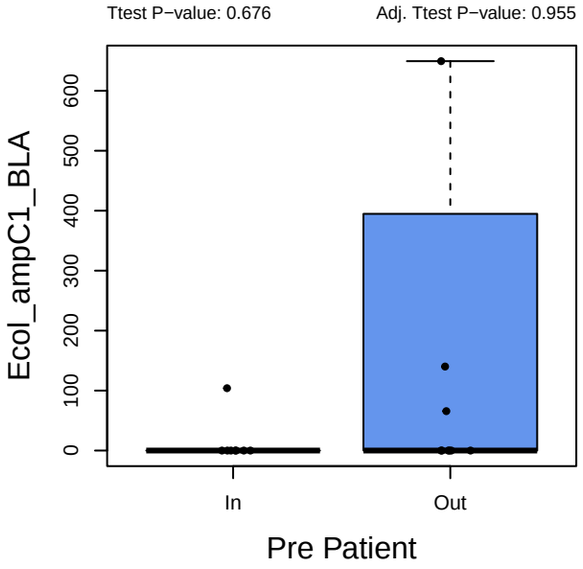

Ttest P−value: 0.655
Adj. Ttest P−value: 0.955
tetO
0
50000
150000
250000
350000
In
Out
Pre Patient

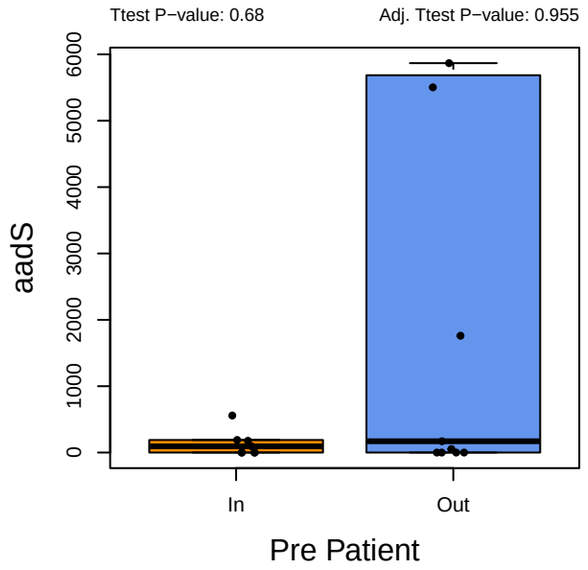

Ttest P−value: 0.664
Adj. Ttest P−value: 0.955
ArnT
0
50
100
150
200
250
300
In
Out
Pre Patient

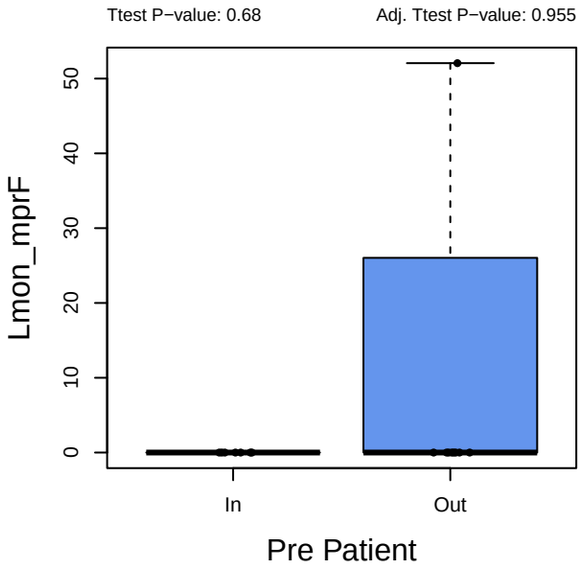

Ttest P−value: 0.672
Adj. Ttest P−value: 0.955
ANT(6)−Ia
0
500
1000
1500
In
Out
Pre Patient

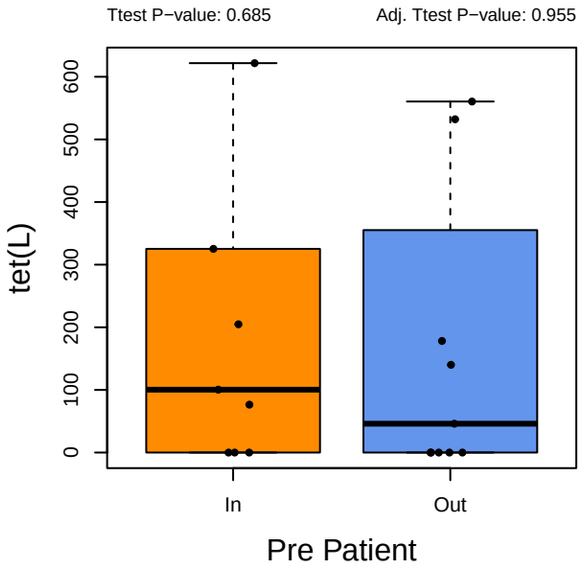

Ttest P−value: 0.673
Adj. Ttest P−value: 0.955
eptA
0
200
400
600
800
In
Out
Pre Patient

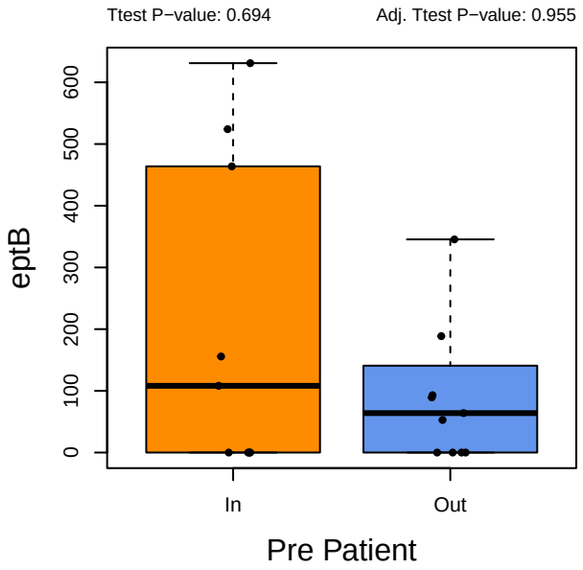

Ttest P−value: 0.675
Adj. Ttest P−value: 0.955
OCH−3
0
20
40
60
80
In
Out
Pre Patient

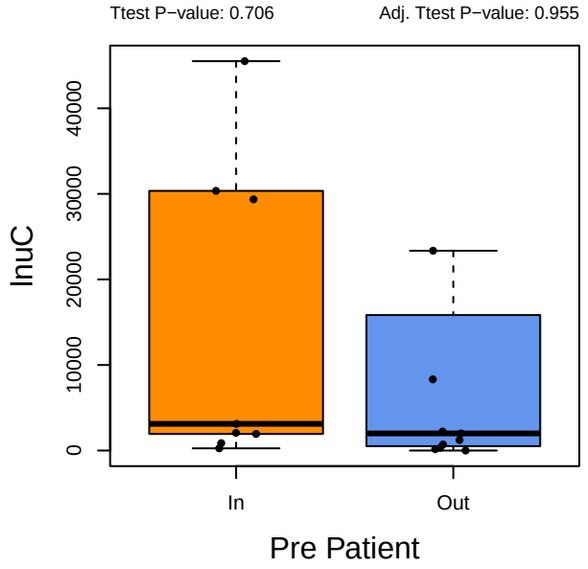

Ttest P−value: 0.676
Adj. Ttest P−value: 0.955
Ecol_ampC1_BLA
0
100
200
300
400
500
600
In
Out
Pre Patient

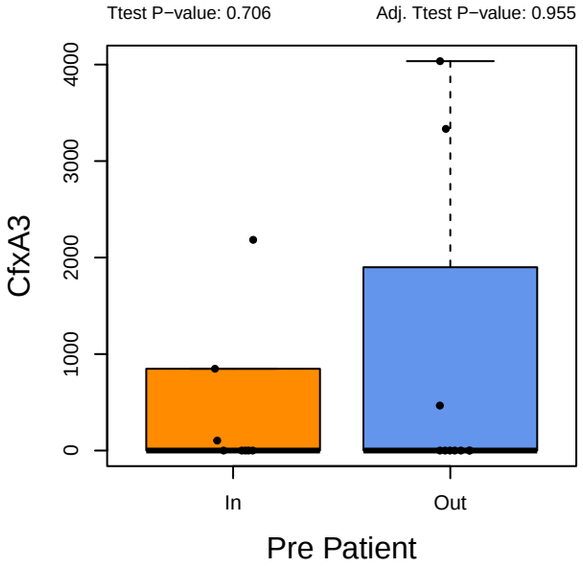

Ttest P−value: 0.68
Adj. Ttest P−value: 0.955
aadS
0
1000
2000
3000
4000
5000
6000
In
Out
Pre Patient

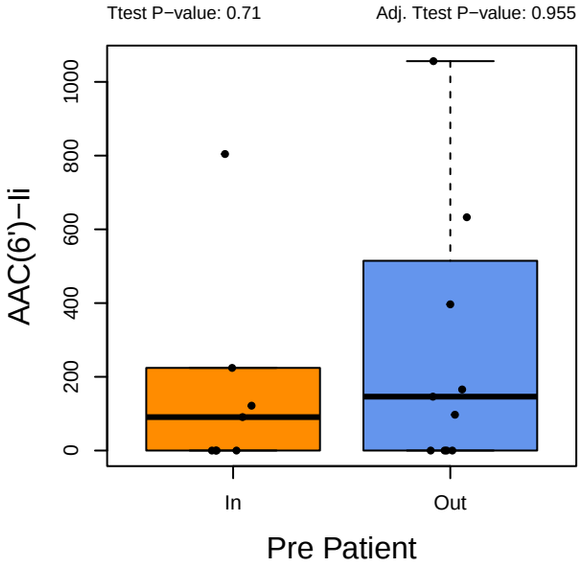

Ttest P−value: 0.68
Adj. Ttest P−value: 0.955
Lmon_mprF
0
10
20
30
40
50
In
Out
Pre Patient

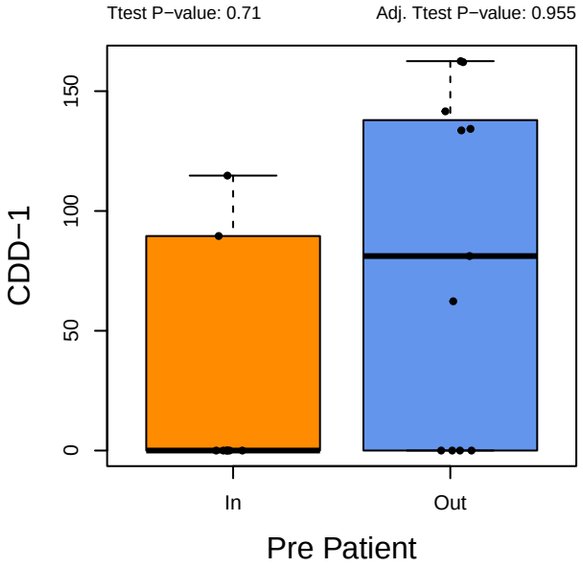

Ttest P−value: 0.685
Adj. Ttest P−value: 0.955
tet(L)
0
100
200
300
400
500
600
In
Out
Pre Patient

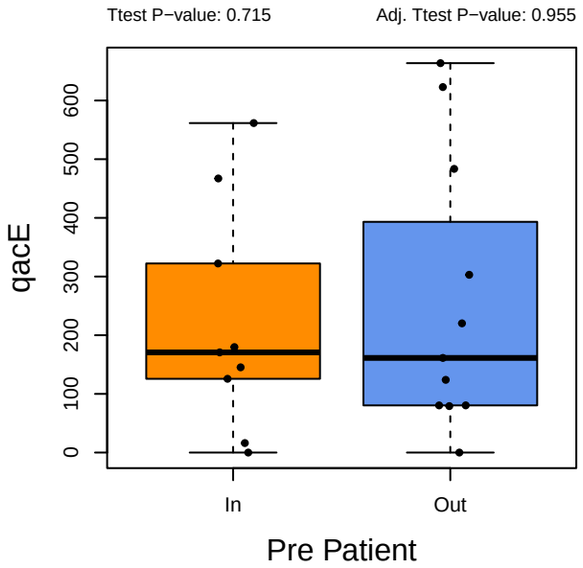

Ttest P−value: 0.694
Adj. Ttest P−value: 0.955
eptB
0
100
200
300
400
500
600
In
Out
Pre Patient

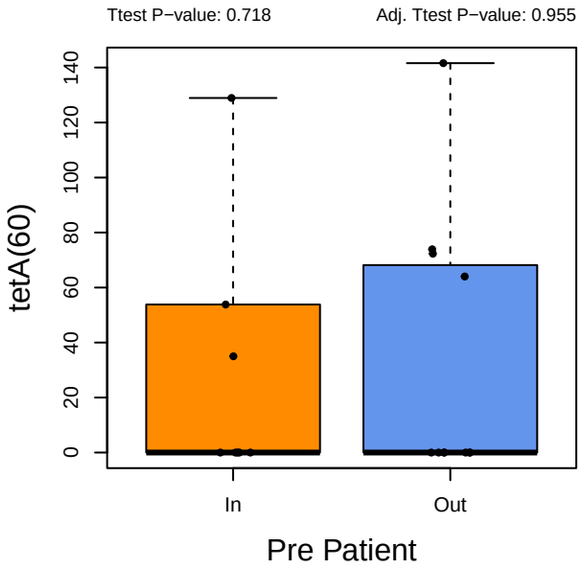

Ttest P−value: 0.706
Adj. Ttest P−value: 0.955
lnuC
0
10000
20000
30000
40000
In
Out
Pre Patient

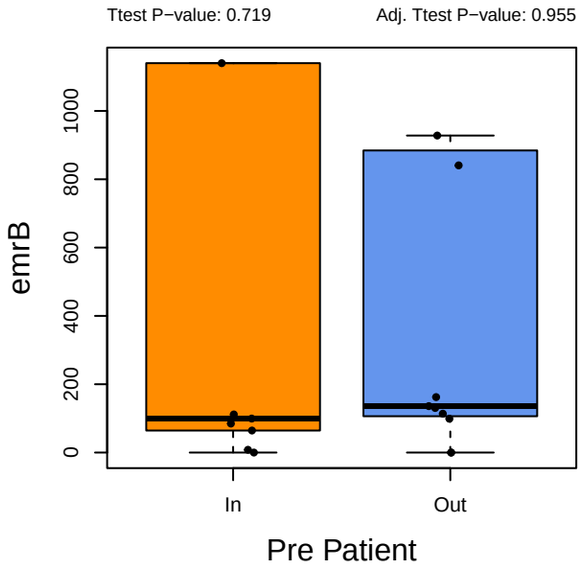

Ttest P−value: 0.706
Adj. Ttest P−value: 0.955
CfxA3
0
1000
2000
3000
4000
In
Out
Pre Patient

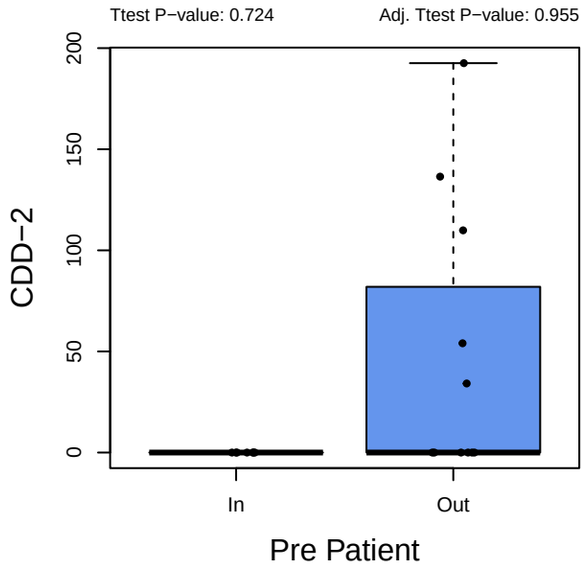

Ttest P−value: 0.71
Adj. Ttest P−value: 0.955
AAC(6')−Ii
0
200
400
600
800
1000
In
Out
Pre Patient

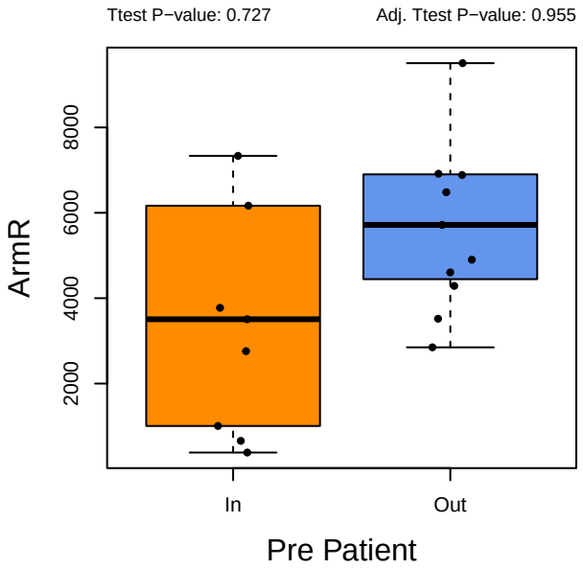

Ttest P−value: 0.71
Adj. Ttest P−value: 0.955
CDD−1
0
50
100
150
In
Out
Pre Patient

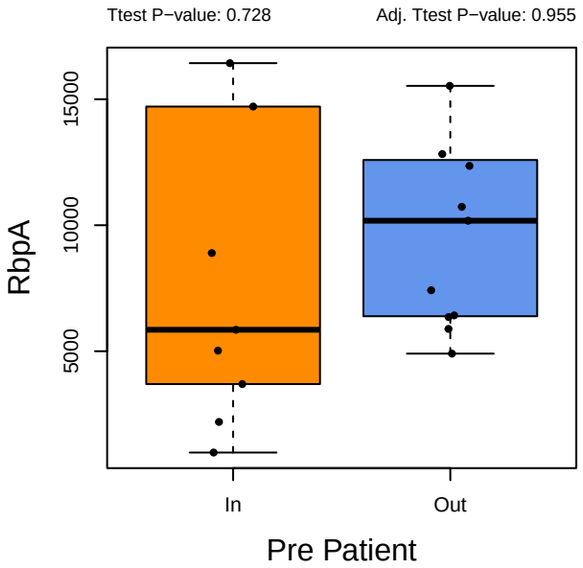

Ttest P−value: 0.715
Adj. Ttest P−value: 0.955
qacE
0
100
200
300
400
500
600
In
Out
Pre Patient

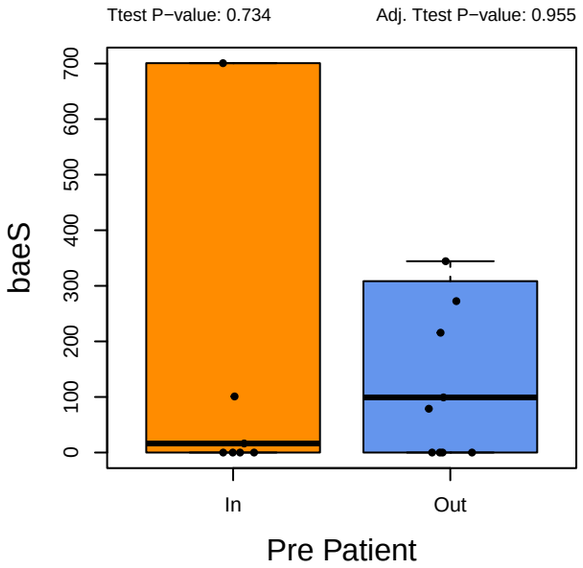

Ttest P−value: 0.718
Adj. Ttest P−value: 0.955
tetA(60)
0
20
40
60
80
100
120
140
In
Out
Pre Patient

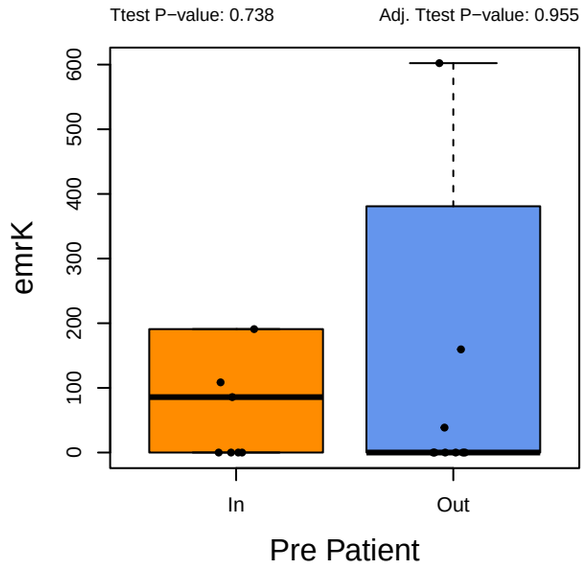

Ttest P−value: 0.719
Adj. Ttest P−value: 0.955
emrB
0
200
400
600
800
1000
In
Out
Pre Patient

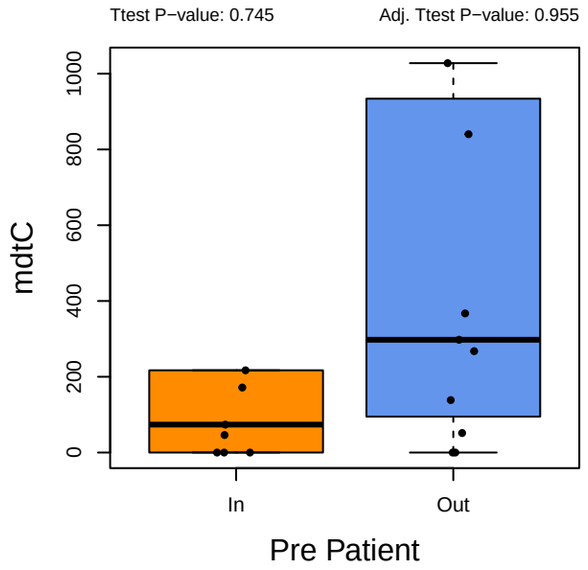

Ttest P−value: 0.724
Adj. Ttest P−value: 0.955
CDD−2
0
50
100
150
200
In
Out
Pre Patient

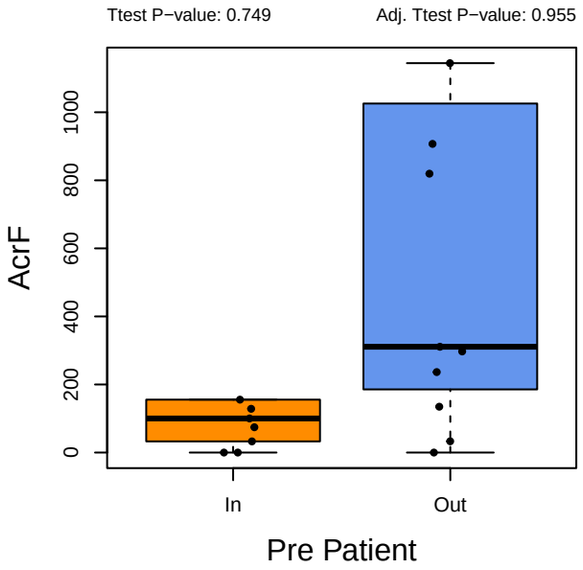

Ttest P−value: 0.727
Adj. Ttest P−value: 0.955
ArmR
2000
4000
6000
8000
In
Out
Pre Patient

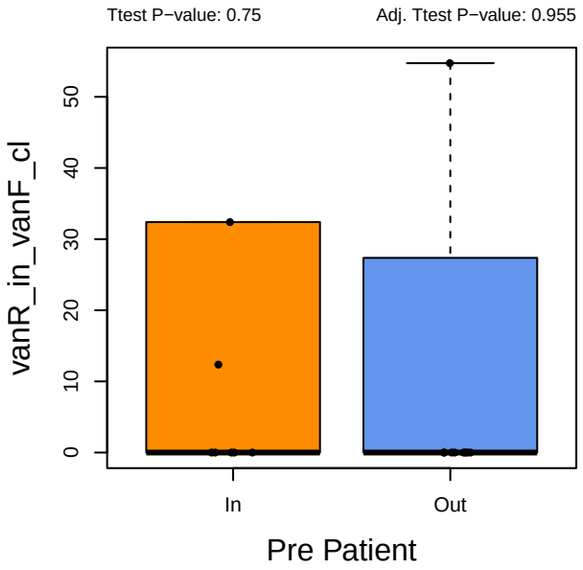

Ttest P−value: 0.728
Adj. Ttest P−value: 0.955
RbpA
5000
10000
15000
In
Out
Pre Patient

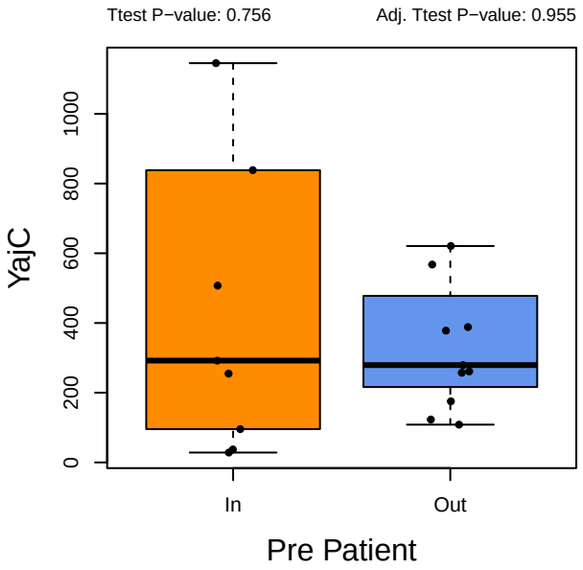

Ttest P−value: 0.734
Adj. Ttest P−value: 0.955
baeS
0
100
200
300
400
500
600
700
In
Out
Pre Patient

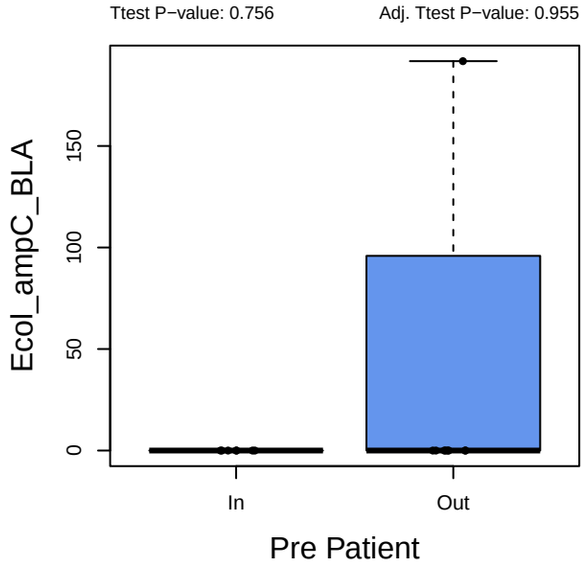

Ttest P−value: 0.738
Adj. Ttest P−value: 0.955
emrK
0
100
200
300
400
500
600
In
Out
Pre Patient

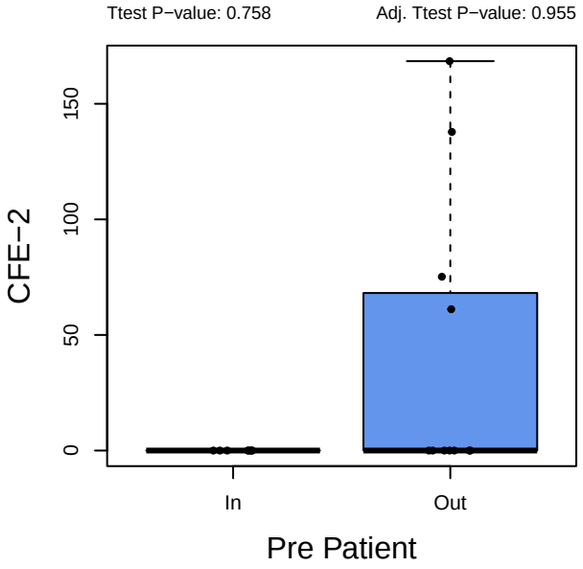

Ttest P−value: 0.745
Adj. Ttest P−value: 0.955
mdtC
0
200
400
600
800
1000
In
Out
Pre Patient

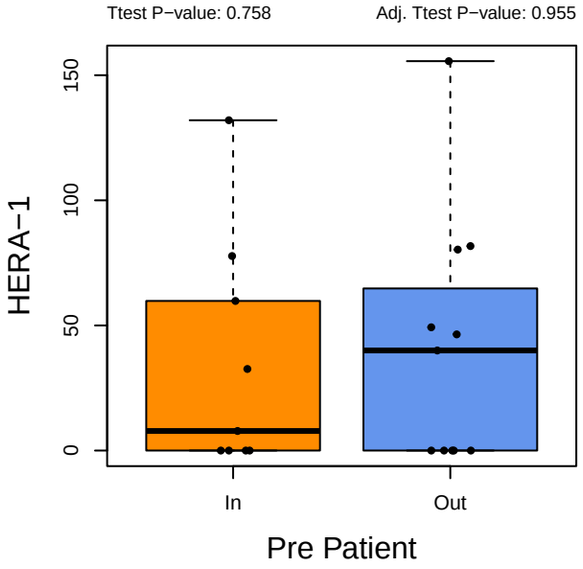

Ttest P−value: 0.749
Adj. Ttest P−value: 0.955
AcrF
0
200
400
600
800
1000
In
Out
Pre Patient

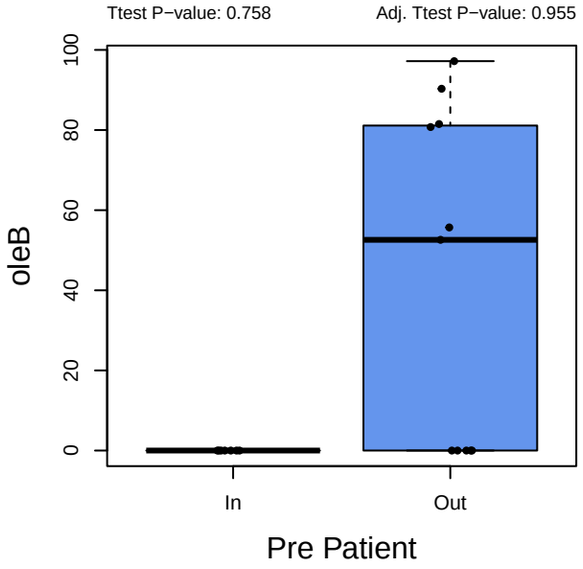

Ttest P−value: 0.75
Adj. Ttest P−value: 0.955
vanR_in_vanF_cl
0
10
20
30
40
50
In
Out
Pre Patient

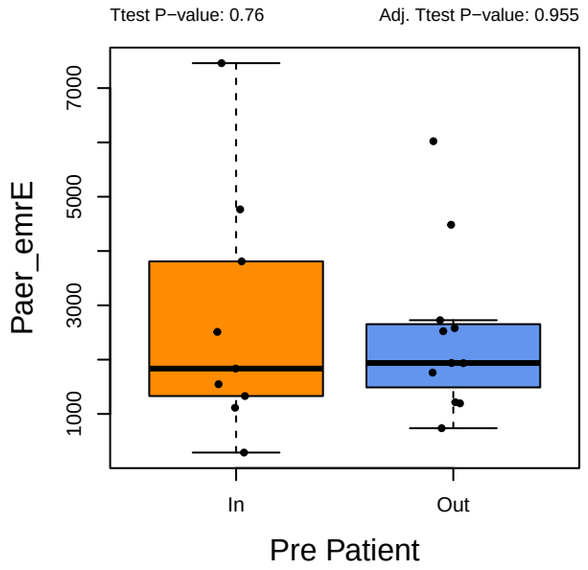

Ttest P−value: 0.756
Adj. Ttest P−value: 0.955
YajC
0
200
400
600
800
1000
In
Out
Pre Patient

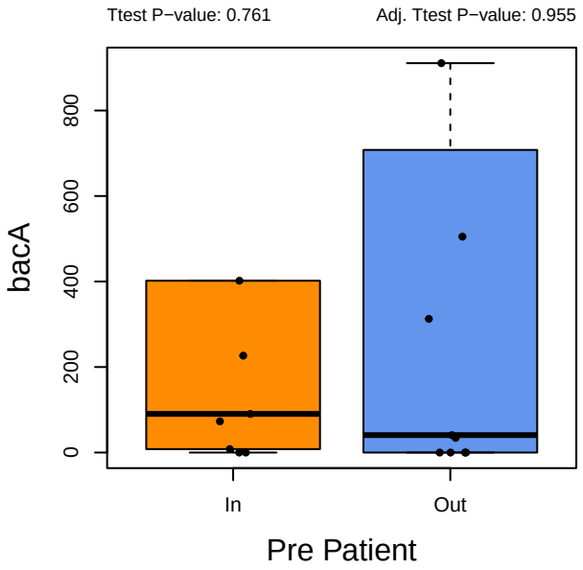

Ttest P−value: 0.756
Adj. Ttest P−value: 0.955
Ecol_ampC_BLA
0
50
100
150
In
Out
Pre Patient

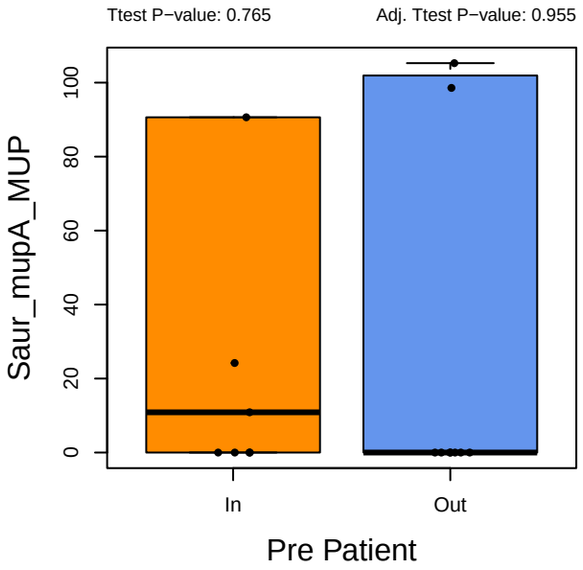

Ttest P−value: 0.758
Adj. Ttest P−value: 0.955
CFE−2
0
50
100
150
In
Out
Pre Patient

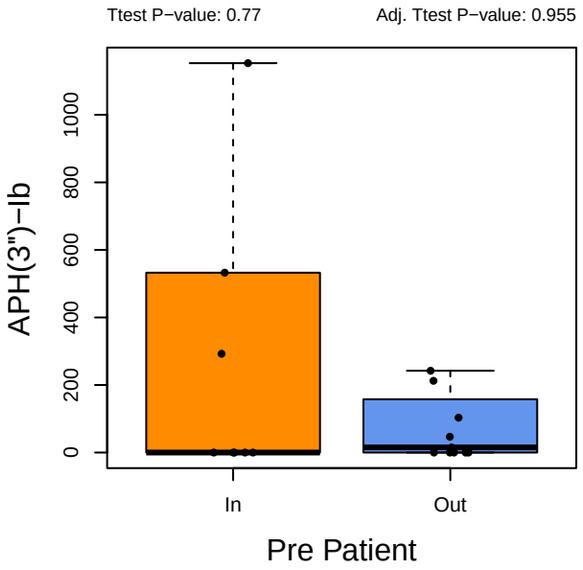

Ttest P−value: 0.758
Adj. Ttest P−value: 0.955
HERA−1
0
50
100
150
In
Out
Pre Patient

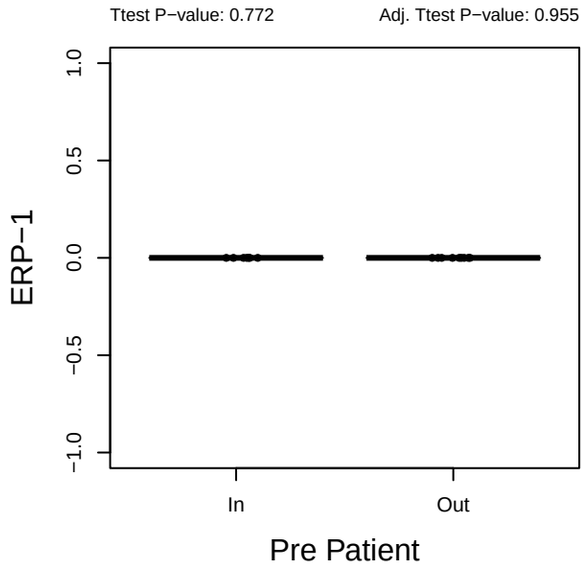

Ttest P−value: 0.758
Adj. Ttest P−value: 0.955
oleB
0
20
40
60
80
100
In
Out
Pre Patient

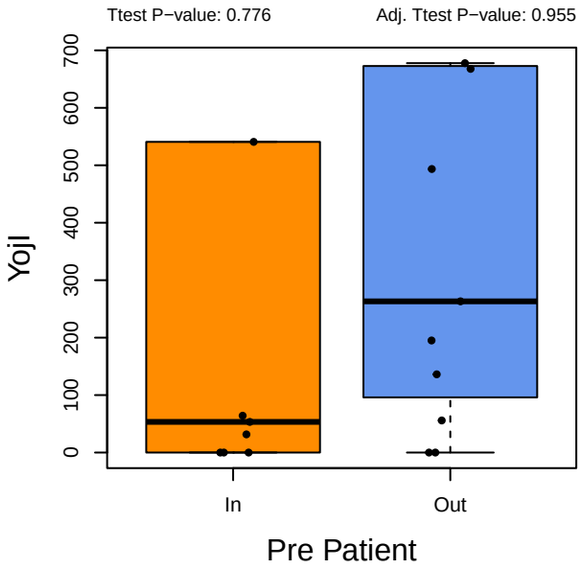

Ttest P−value: 0.76
Adj. Ttest P−value: 0.955
Paer_emrE
1000
3000
5000
7000
In
Out
Pre Patient

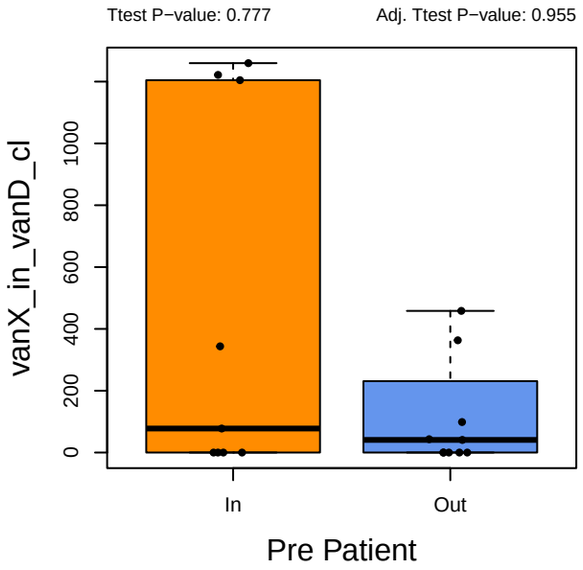

Ttest P−value: 0.761
Adj. Ttest P−value: 0.955
bacA
0
200
400
600
800
In
Out
Pre Patient

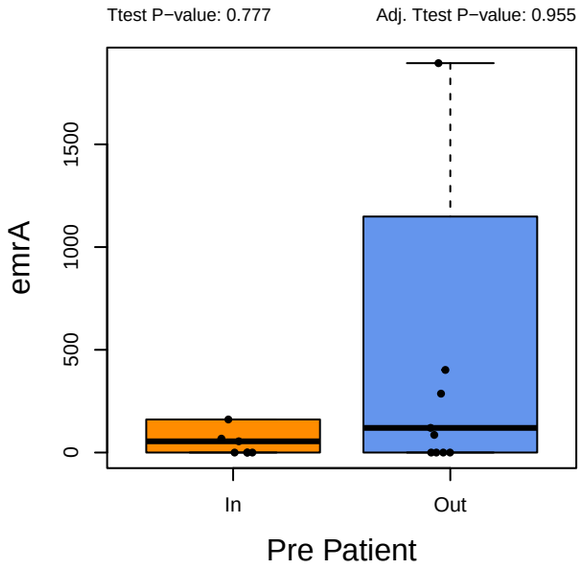

Ttest P−value: 0.765
Adj. Ttest P−value: 0.955
Saur_mupA_MUP
0
20
40
60
80
100
In
Out
Pre Patient

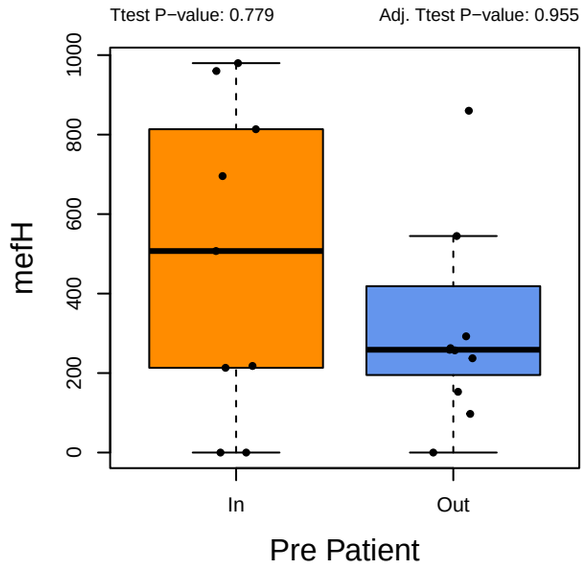

Ttest P−value: 0.77
Adj. Ttest P−value: 0.955
APH(3")−Ib
0
200
400
600
800
1000
In
Out
Pre Patient

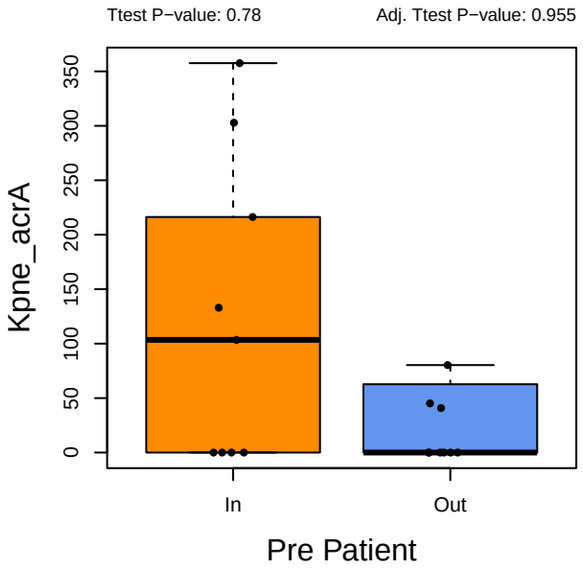

Ttest P−value: 0.772
Adj. Ttest P−value: 0.955
ERP−1
−1.0
−0.5
0.0
0.5
1.0
In
Out
Pre Patient

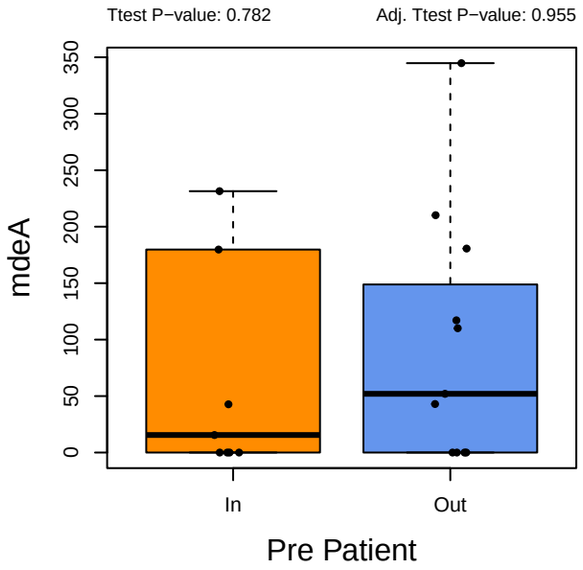

Ttest P−value: 0.776
Adj. Ttest P−value: 0.955
YojI
0
100
200
300
400
500
600
700
In
Out
Pre Patient

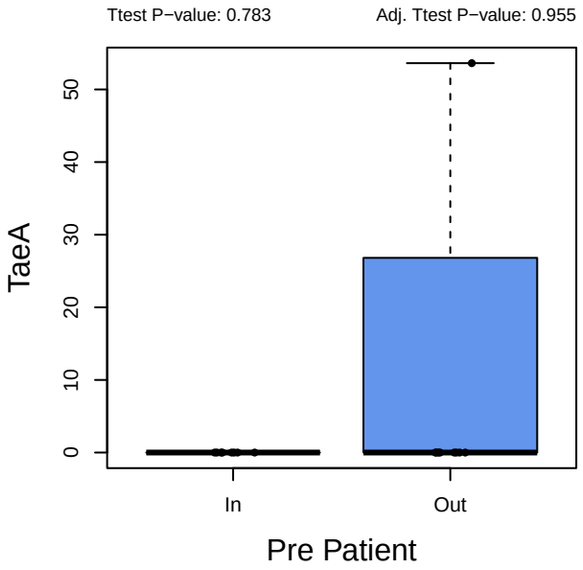

Ttest P−value: 0.777
Adj. Ttest P−value: 0.955
vanX_in_vanD_cl
0
200
400
600
800
1000
In
Out
Pre Patient

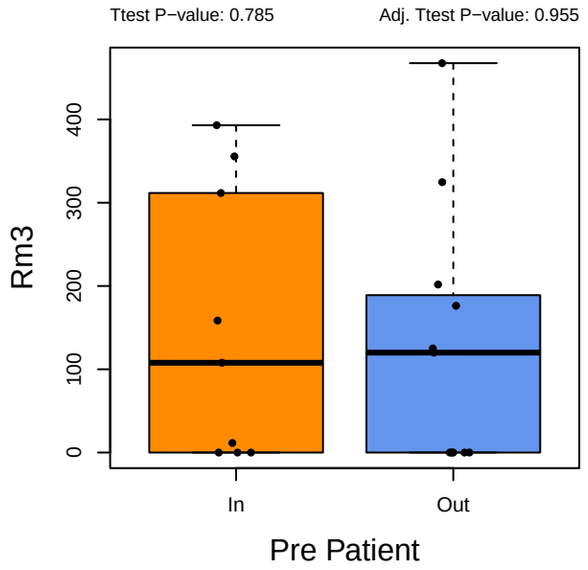

Ttest P−value: 0.777
Adj. Ttest P−value: 0.955
emrA
0
500
1000
1500
In
Out
Pre Patient

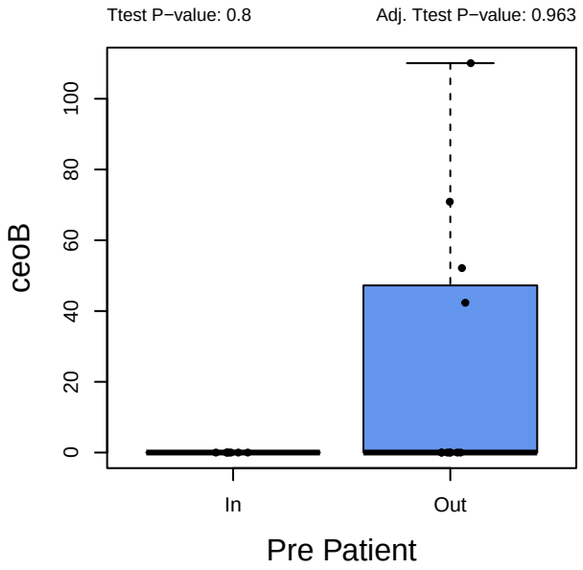

Ttest P−value: 0.779
Adj. Ttest P−value: 0.955
mefH
0
200
400
600
800
1000
In
Out
Pre Patient

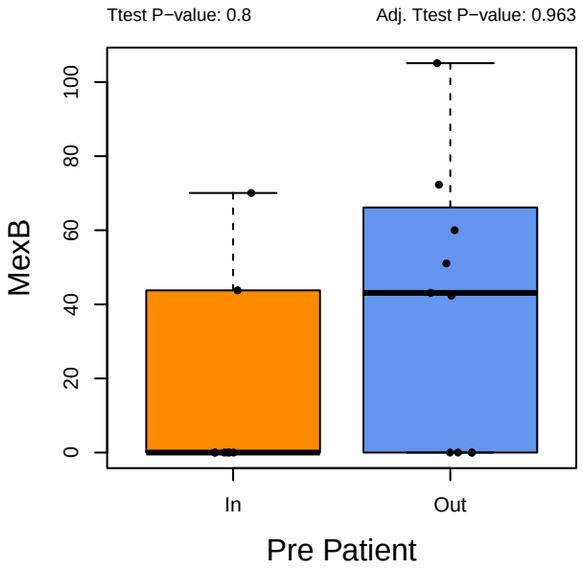

Ttest P−value: 0.78
Adj. Ttest P−value: 0.955
Kpne_acrA
0
50
100
150
200
250
300
350
In
Out
Pre Patient

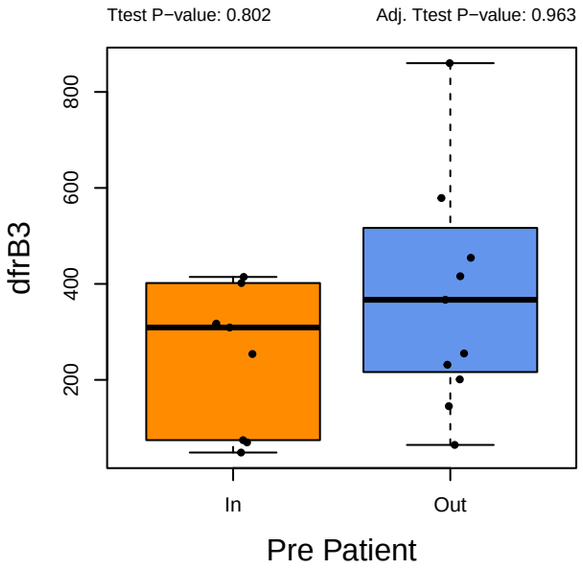

Ttest P−value: 0.782
Adj. Ttest P−value: 0.955
mdeA
0
50
100
150
200
250
300
350
In
Out
Pre Patient

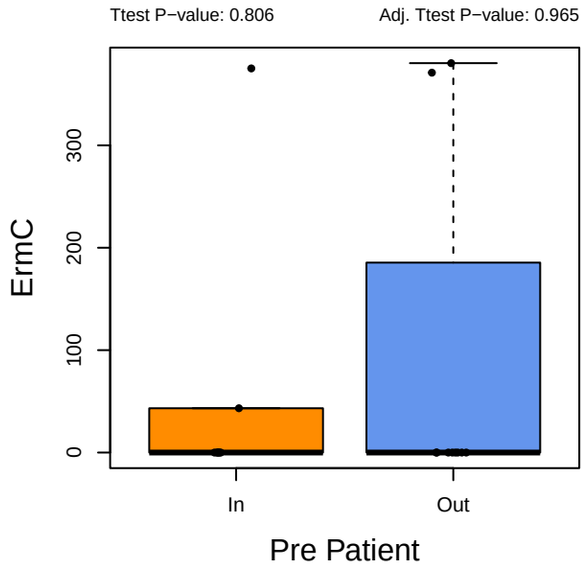

Ttest P−value: 0.783
Adj. Ttest P−value: 0.955
TaeA
0
10
20
30
40
50
In
Out
Pre Patient

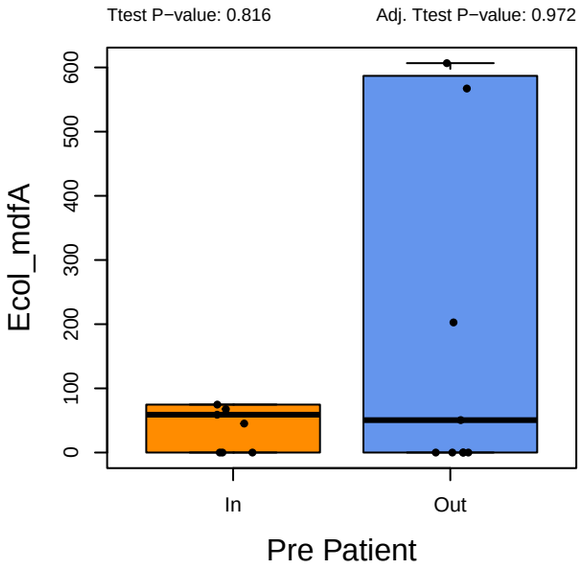

Ttest P−value: 0.785
Adj. Ttest P−value: 0.955
Rm3
0
100
200
300
400
In
Out
Pre Patient

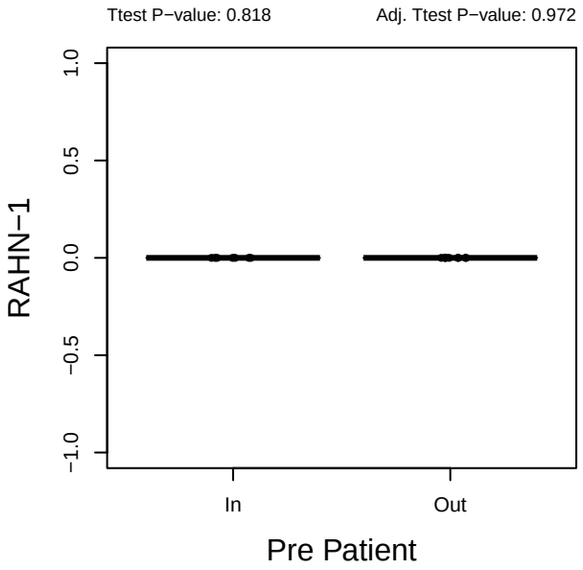

Ttest P−value: 0.8
Adj. Ttest P−value: 0.963
ceoB
0
20
40
60
80
100
In
Out
Pre Patient

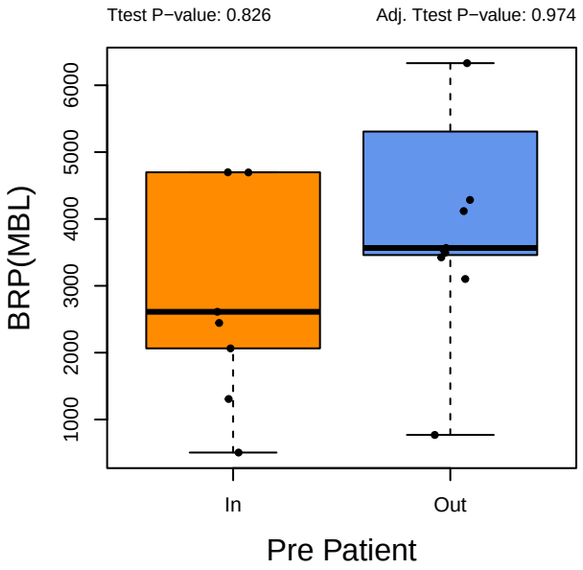

Ttest P−value: 0.8
Adj. Ttest P−value: 0.963
MexB
0
20
40
60
80
100
In
Out
Pre Patient

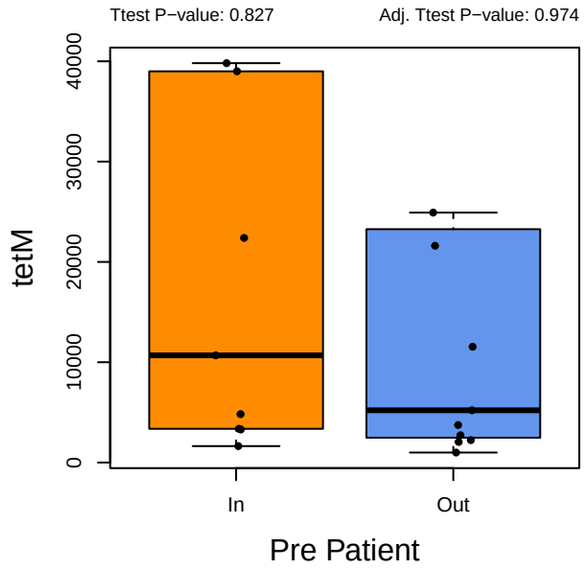

Ttest P−value: 0.802
Adj. Ttest P−value: 0.963
dfrB3
200
400
600
800
In
Out
Pre Patient

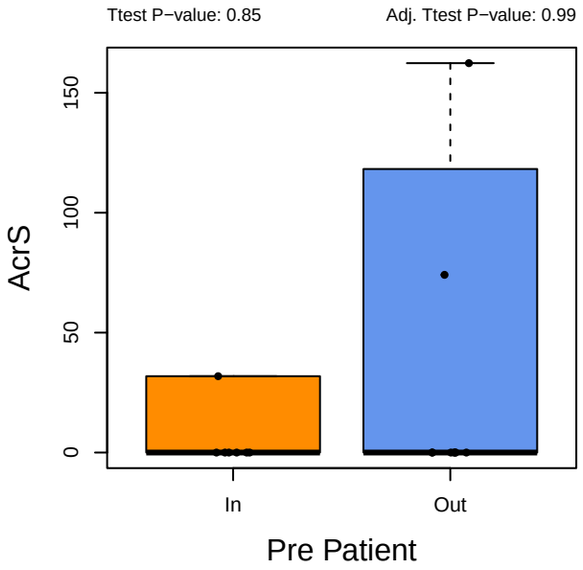

Ttest P−value: 0.806
Adj. Ttest P−value: 0.965
ErmC
0
100
200
300
In
Out
Pre Patient

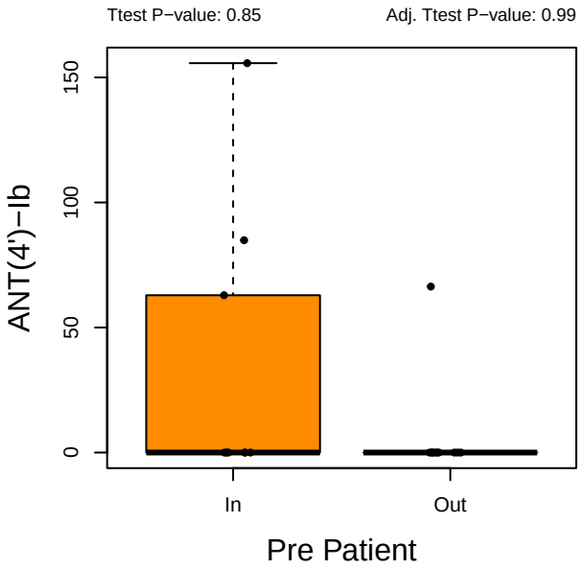

Ttest P−value: 0.816
Adj. Ttest P−value: 0.972
Ecol_mdfA
0
100
200
300
400
500
600
In
Out
Pre Patient

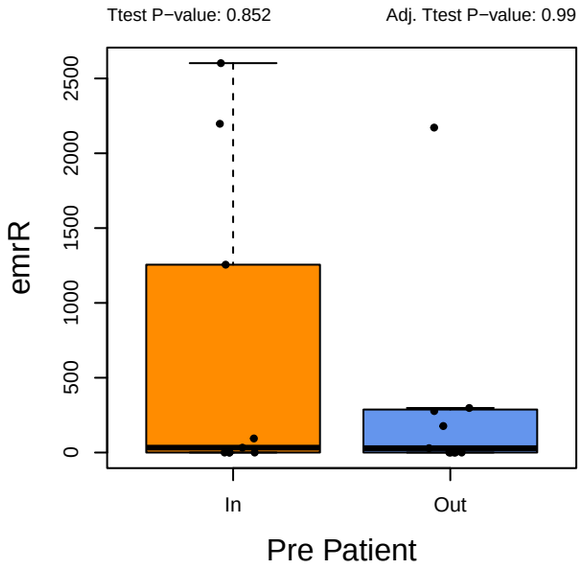

Ttest P−value: 0.818
Adj. Ttest P−value: 0.972
RAHN−1
−1.0
−0.5
0.0
0.5
1.0
In
Out
Pre Patient

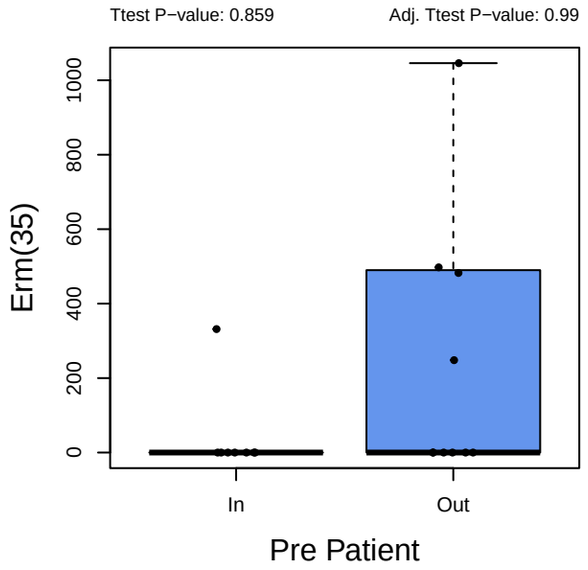

Ttest P−value: 0.826
Adj. Ttest P−value: 0.974
BRP(MBL)
1000
2000
3000
4000
5000
6000
In
Out
Pre Patient

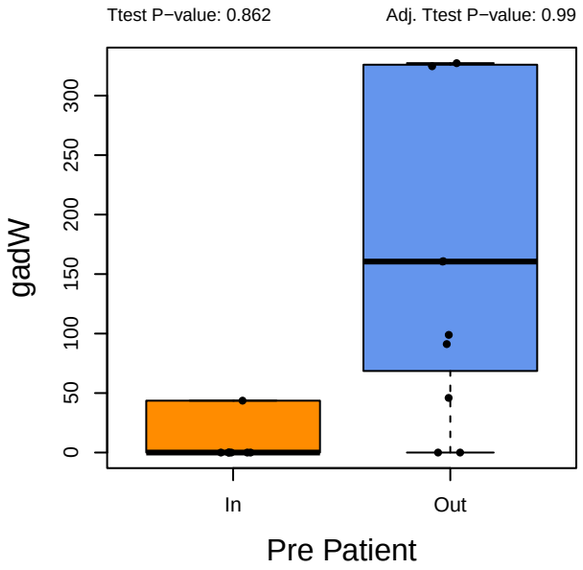

Ttest P−value: 0.827
Adj. Ttest P−value: 0.974
tetM
0
10000
20000
30000
40000
In
Out
Pre Patient

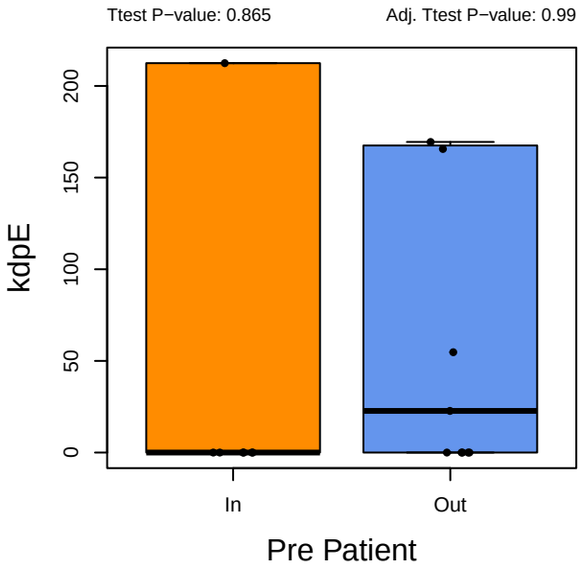

Ttest P−value: 0.85
Adj. Ttest P−value: 0.99
AcrS
0
50
100
150
In
Out
Pre Patient

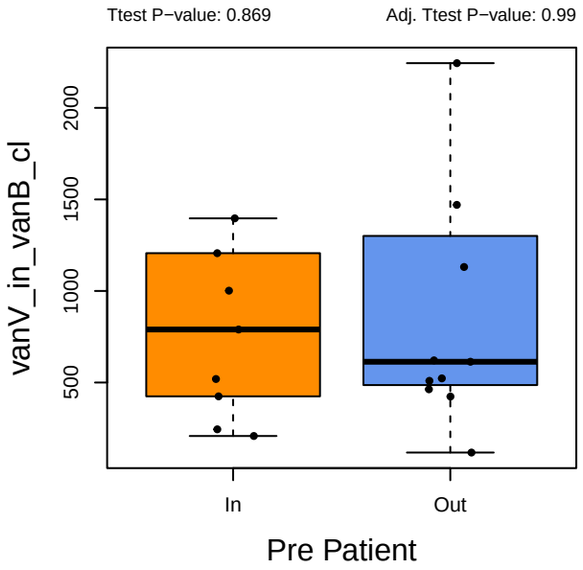

Ttest P−value: 0.85
Adj. Ttest P−value: 0.99
ANT(4')−Ib
0
50
100
150
In
Out
Pre Patient

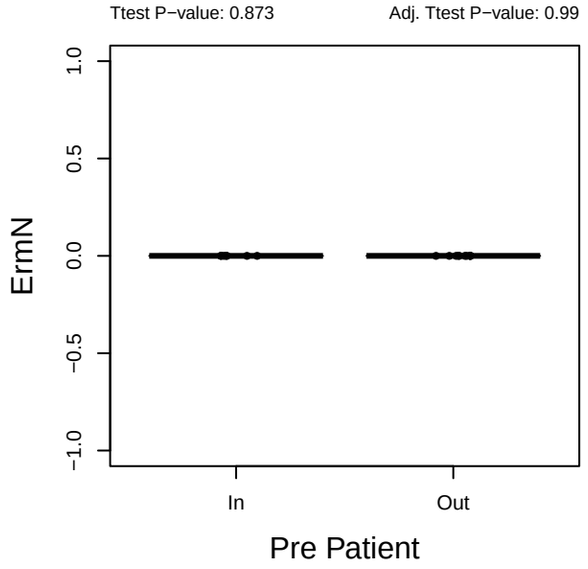

Ttest P−value: 0.852
Adj. Ttest P−value: 0.99
emrR
0
500
1000
1500
2000
2500
In
Out
Pre Patient

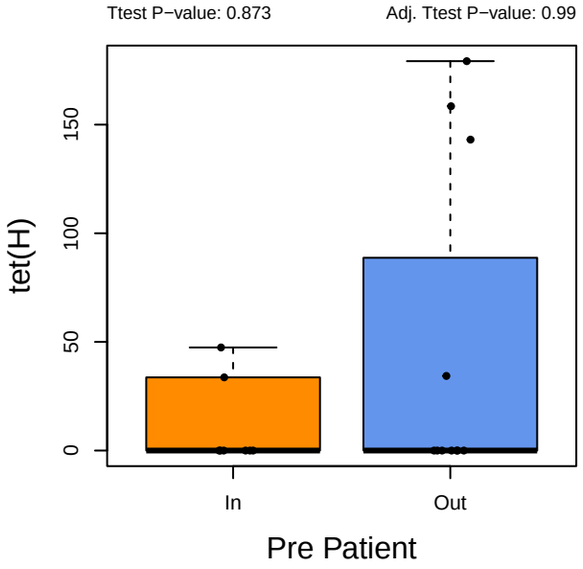

Ttest P−value: 0.859
Adj. Ttest P−value: 0.99
Erm(35)
0
200
400
600
800
1000
In
Out
Pre Patient

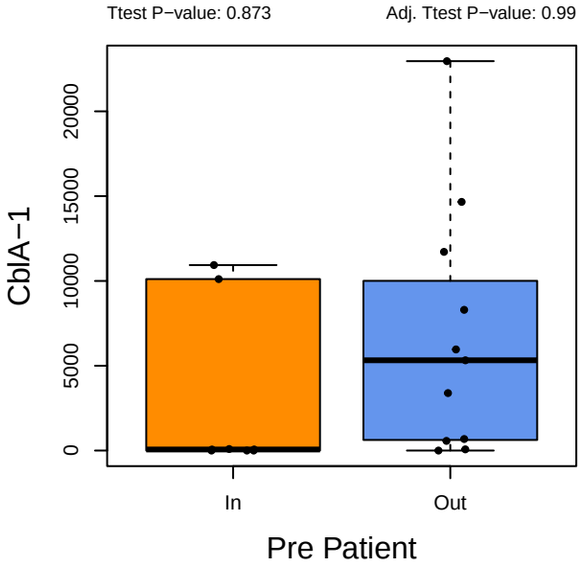

Ttest P−value: 0.862
Adj. Ttest P−value: 0.99
gadW
0
50
100
150
200
250
300
In
Out
Pre Patient

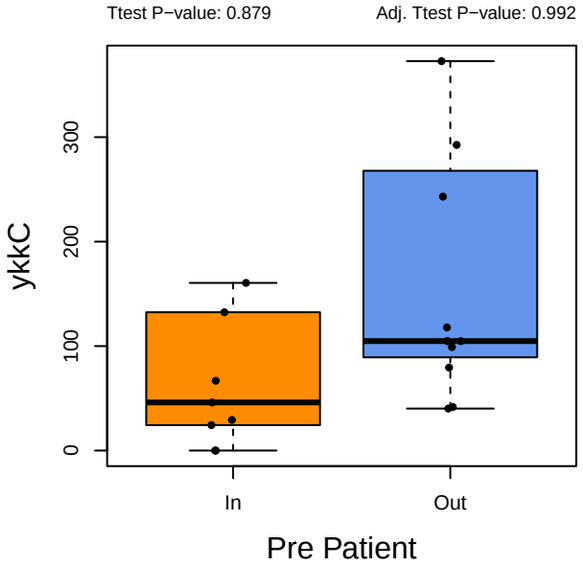

Ttest P−value: 0.865
Adj. Ttest P−value: 0.99
kdpE
0
50
100
150
200
In
Out
Pre Patient

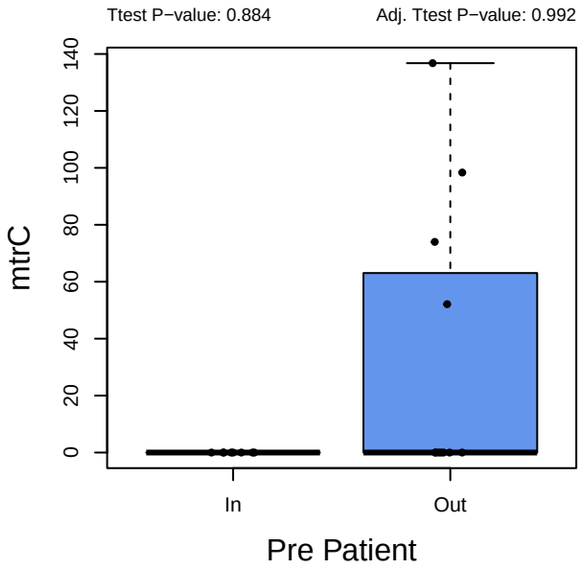

Ttest P−value: 0.869
Adj. Ttest P−value: 0.99
vanV_in_vanB_cl
500
1000
1500
2000
In
Out
Pre Patient

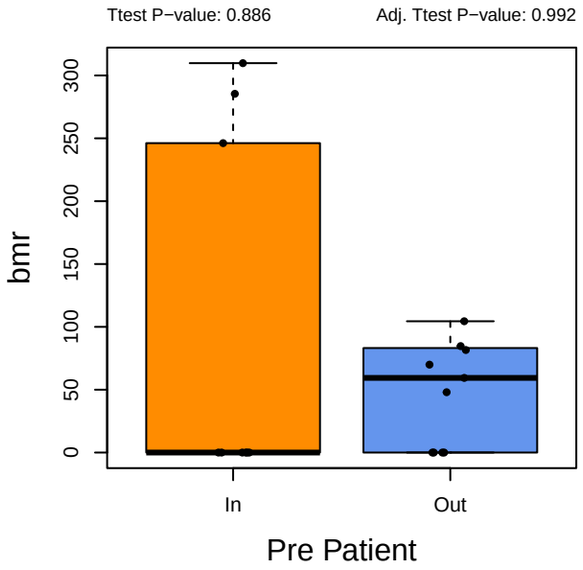

Ttest P−value: 0.873
Adj. Ttest P−value: 0.99
ErmN
−1.0
−0.5
0.0
0.5
1.0
In
Out
Pre Patient

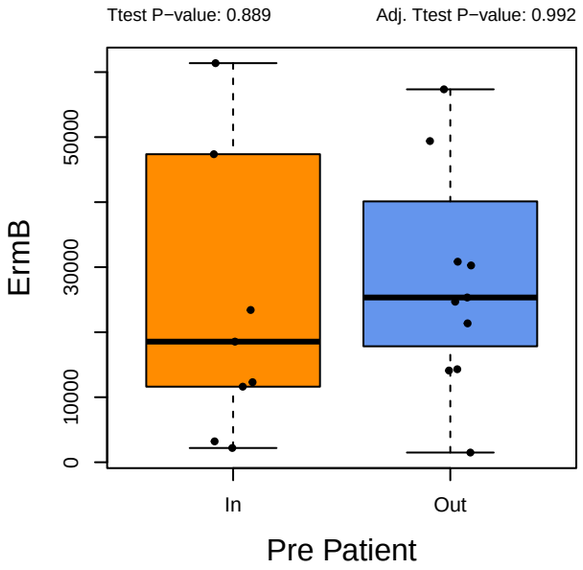

Ttest P−value: 0.873
Adj. Ttest P−value: 0.99
tet(H)
0
50
100
150
In
Out
Pre Patient

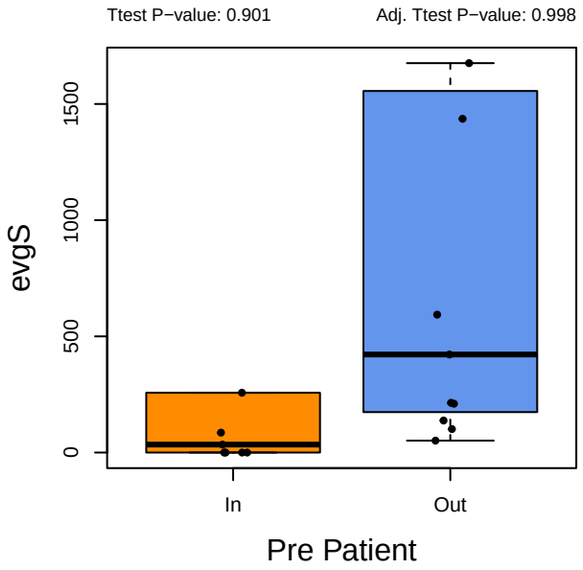

Ttest P−value: 0.873
Adj. Ttest P−value: 0.99
CblA−1
0
5000
10000
15000
20000
In
Out
Pre Patient

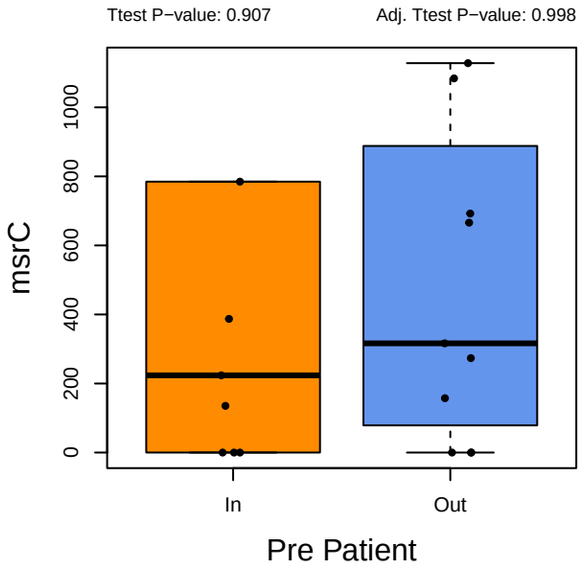

Ttest P−value: 0.879
Adj. Ttest P−value: 0.992
ykkC
0
100
200
300
In
Out
Pre Patient

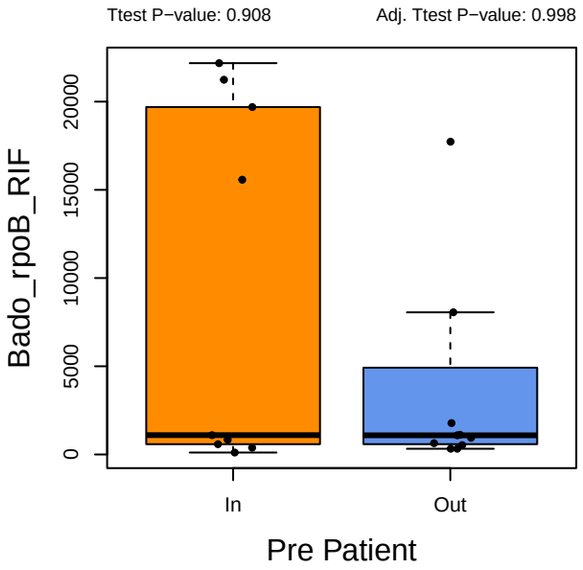

Ttest P−value: 0.884
Adj. Ttest P−value: 0.992
mtrC
0
20
40
60
80
100
120
140
In
Out
Pre Patient

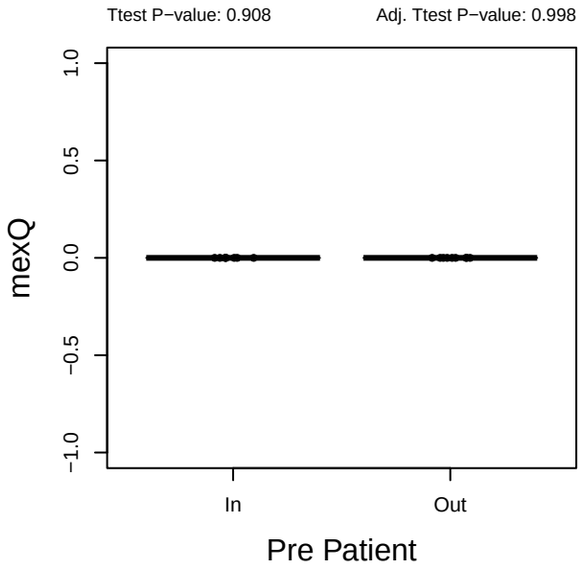

Ttest P−value: 0.886
Adj. Ttest P−value: 0.992
bmr
0
50
100
150
200
250
300
In
Out
Pre Patient

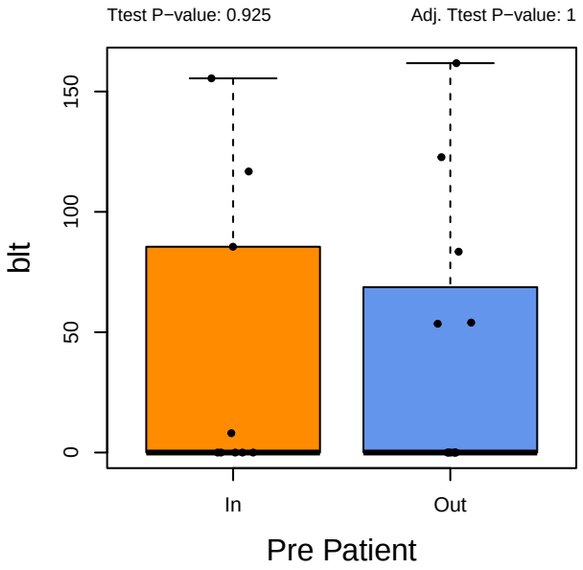

Ttest P−value: 0.889
Adj. Ttest P−value: 0.992
ErmB
0
10000
30000
50000
In
Out
Pre Patient

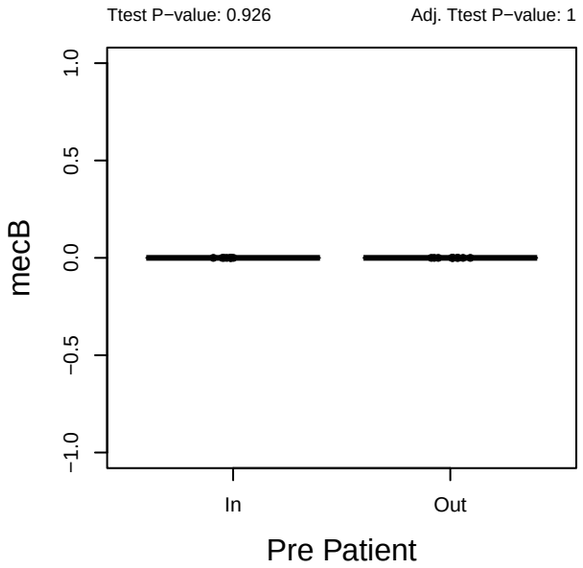

Ttest P−value: 0.901
Adj. Ttest P−value: 0.998
evgS
0
500
1000
1500
In
Out
Pre Patient

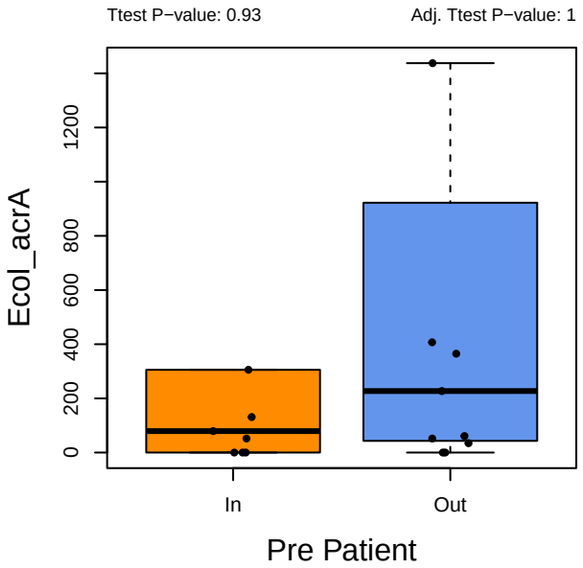

Ttest P−value: 0.907
Adj. Ttest P−value: 0.998
msrC
0
200
400
600
800
1000
In
Out
Pre Patient

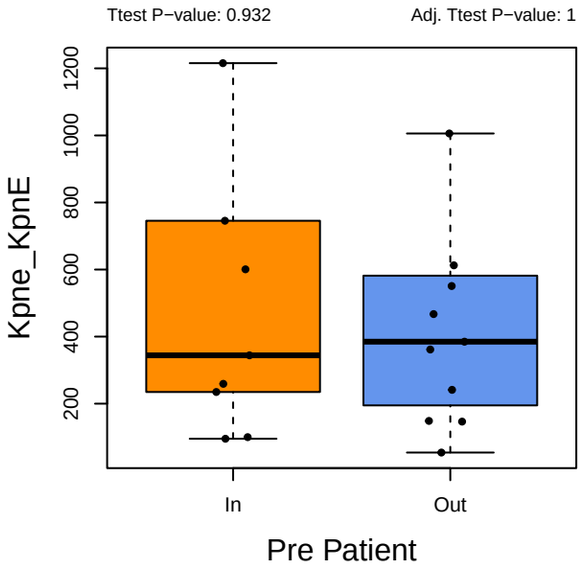

Ttest P−value: 0.908
Adj. Ttest P−value: 0.998
Bado_rpoB_RIF
0
5000
10000
15000
20000
In
Out
Pre Patient

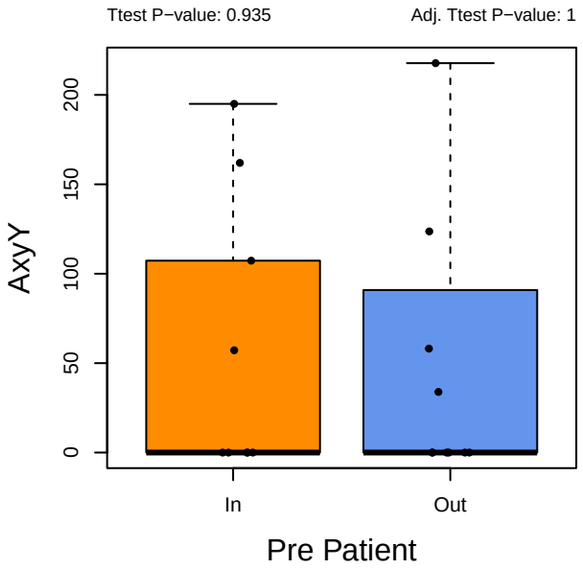

Ttest P−value: 0.908
Adj. Ttest P−value: 0.998
mexQ
−1.0
−0.5
0.0
0.5
1.0
In
Out
Pre Patient

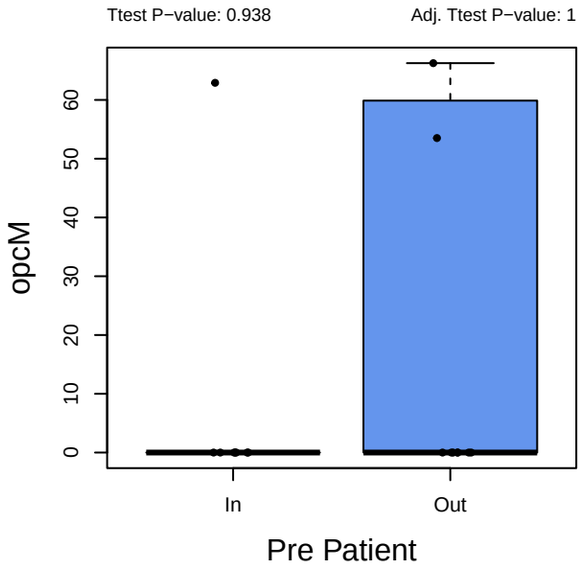

Ttest P−value: 0.925
Adj. Ttest P−value: 1
blt
0
50
100
150
In
Out
Pre Patient

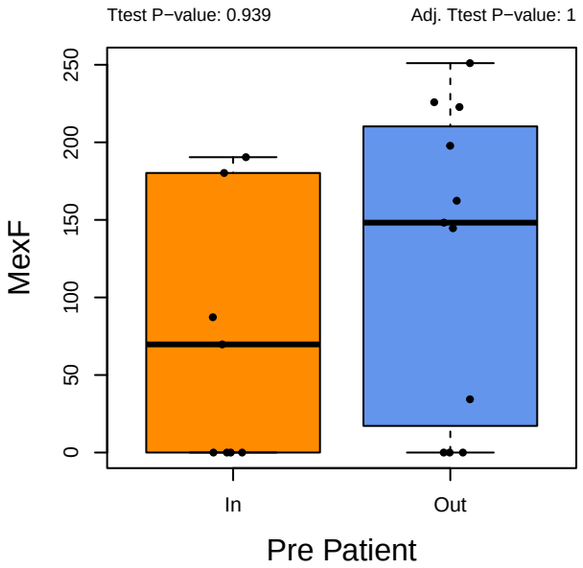

Ttest P−value: 0.926
Adj. Ttest P−value: 1
mecB
1.0
0.5
0.0
−0.5
−1.0
In
Out
Pre Patient

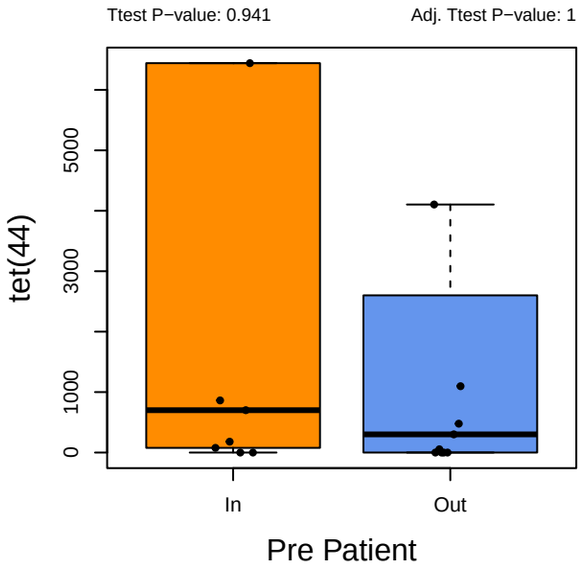

Ttest P−value: 0.93
Adj. Ttest P−value: 1
Ecol_acrA
1200
800
600
400
200
0
In
Out
Pre Patient

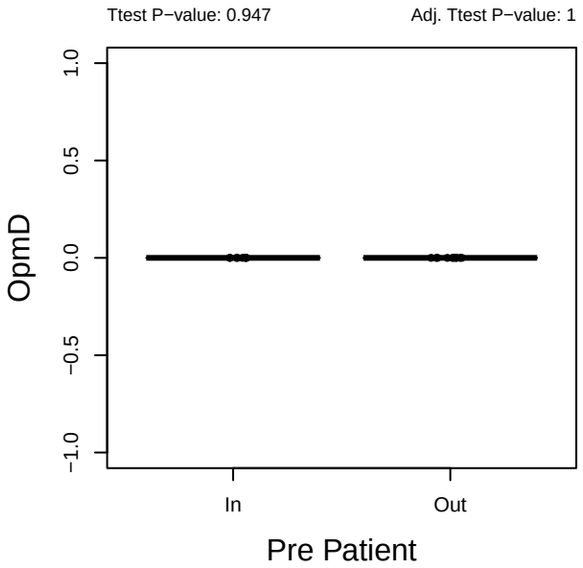

Ttest P−value: 0.932
Adj. Ttest P−value: 1
Kpne_KpnE
1200
1000
800
600
400
200
In
Out
Pre Patient

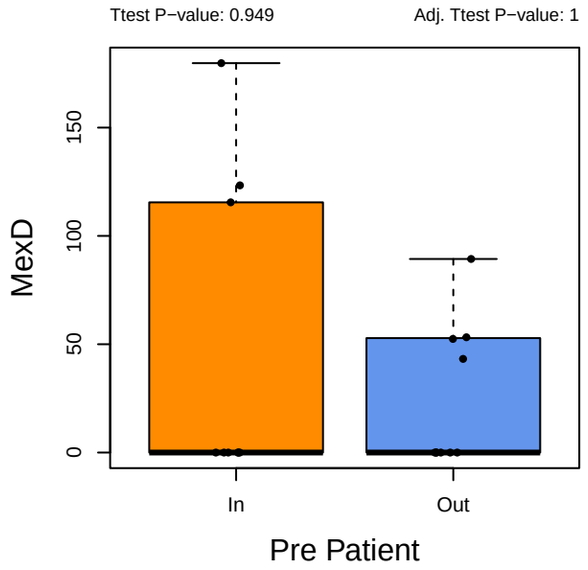

Ttest P−value: 0.935
Adj. Ttest P−value: 1
AxyY
200
150
100
50
0
In
Out
Pre Patient

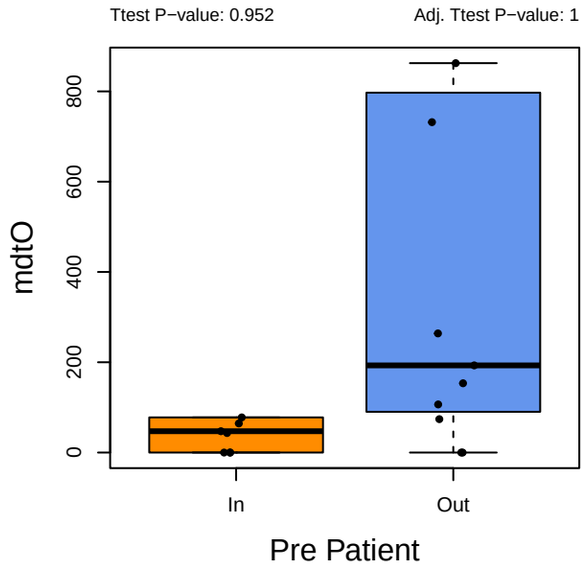

Ttest P−value: 0.938
Adj. Ttest P−value: 1
opcM
60
50
40
30
20
10
0
In
Out
Pre Patient

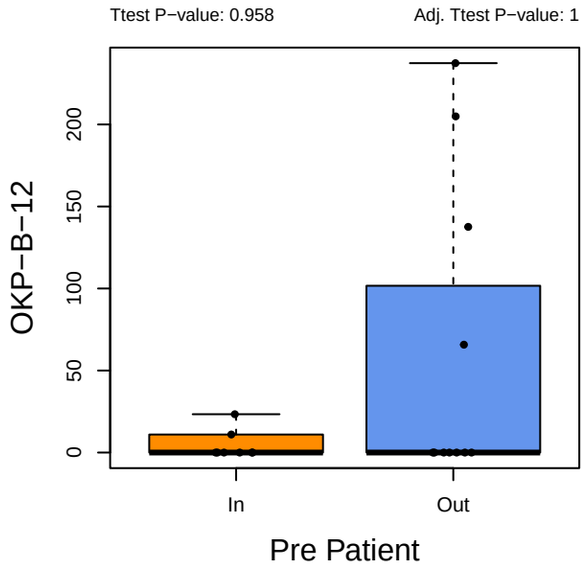

Ttest P−value: 0.939
Adj. Ttest P−value: 1
MexF
250
200
150
100
50
0
In
Out
Pre Patient

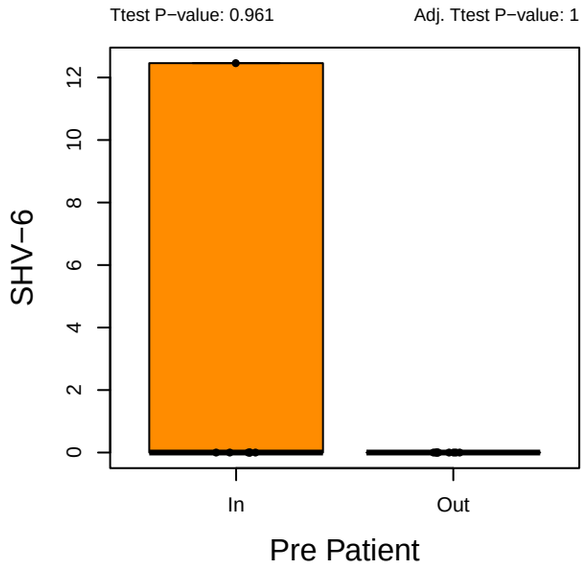

Ttest P−value: 0.941
Adj. Ttest P−value: 1
tet(44)
5000
3000
1000
0
In
Out
Pre Patient

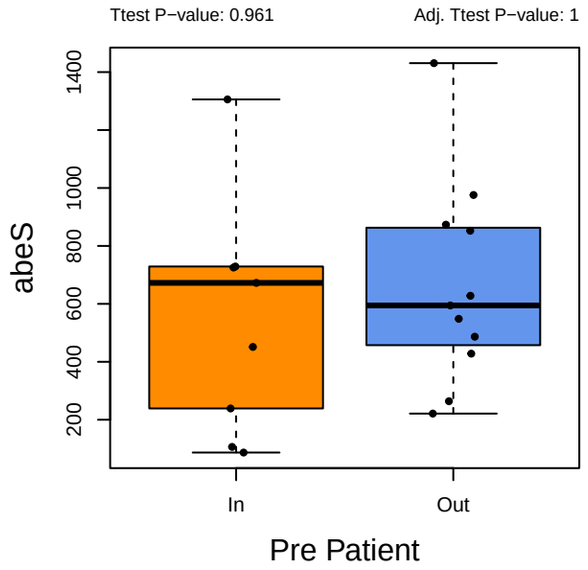

Ttest P−value: 0.947
Adj. Ttest P−value: 1
OpmD
1.0
0.5
0.0
−0.5
−1.0
In
Out
Pre Patient

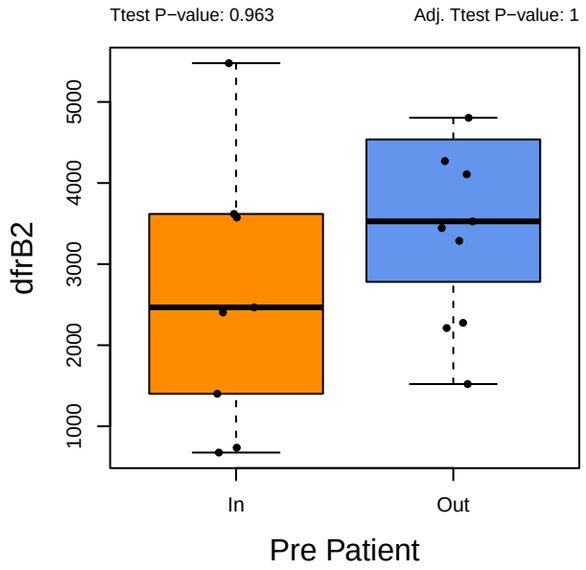

Ttest P−value: 0.949
Adj. Ttest P−value: 1
MexD
0
50
100
150
In
Out
Pre Patient

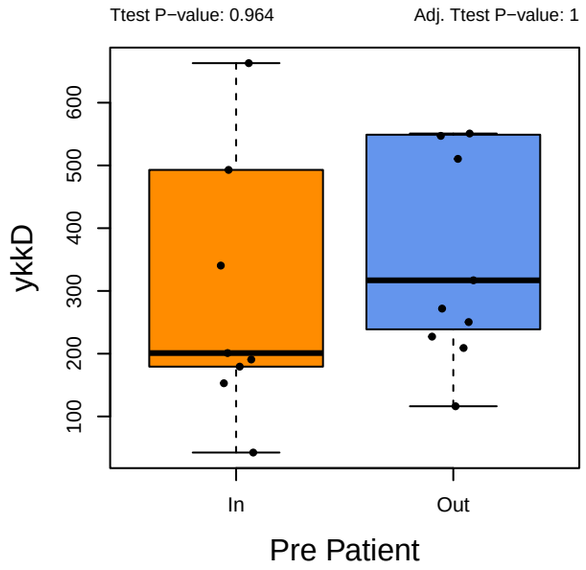

Ttest P−value: 0.952
Adj. Ttest P−value: 1
mdtO
0
200
400
600
800
In
Out
Pre Patient

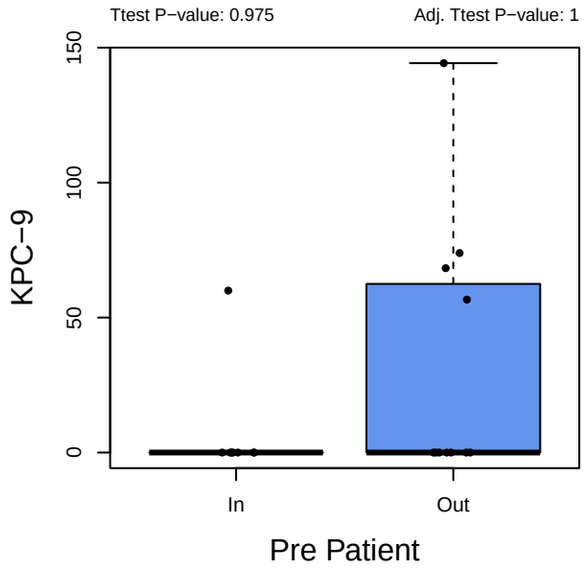

Ttest P−value: 0.958
Adj. Ttest P−value: 1
OKP−B−12
0
50
100
150
200
In
Out
Pre Patient

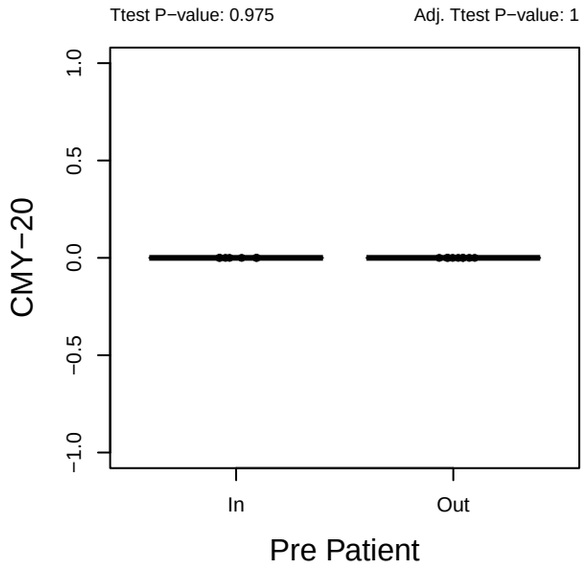

Ttest P−value: 0.961
Adj. Ttest P−value: 1
SHV−6
0
2
4
6
8
10
12
In
Out
Pre Patient

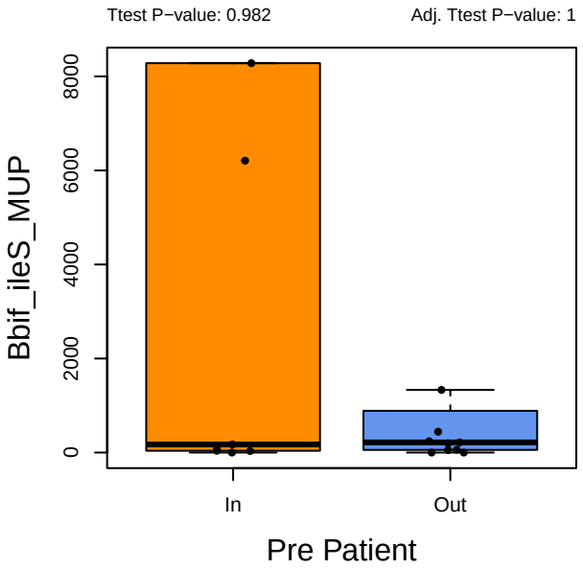

Ttest P−value: 0.961
Adj. Ttest P−value: 1
abeS
200
400
600
800
1000
1400
In
Out
Pre Patient

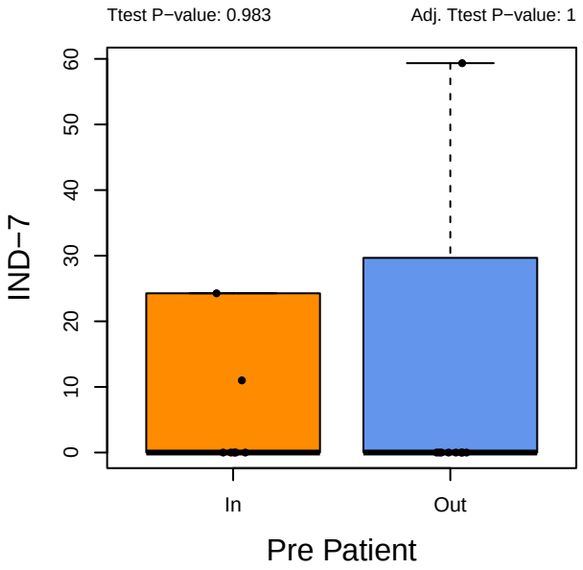

Ttest P−value: 0.963
Adj. Ttest P−value: 1
dfrB2
1000
2000
3000
4000
5000
In
Out
Pre Patient

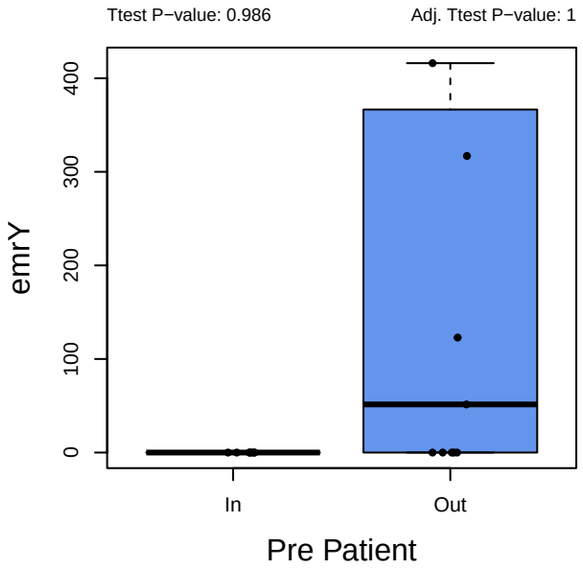

Ttest P−value: 0.964
Adj. Ttest P−value: 1
ykkD
100
200
300
400
500
600
In
Out
Pre Patient

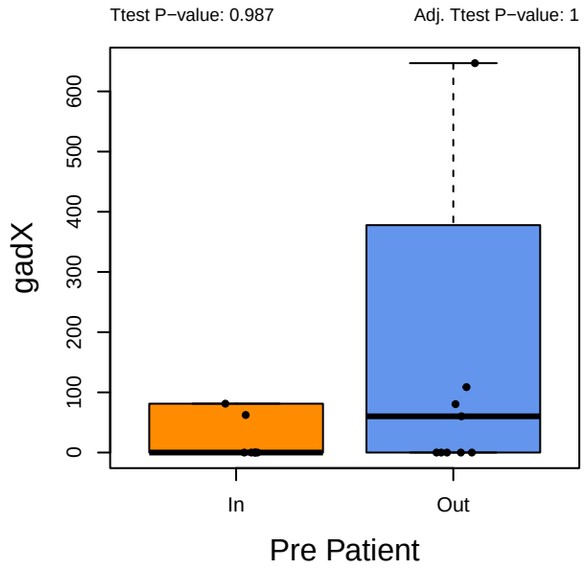

Ttest P−value: 0.975
Adj. Ttest P−value: 1
KPC−9
0
50
100
150
In
Out
Pre Patient

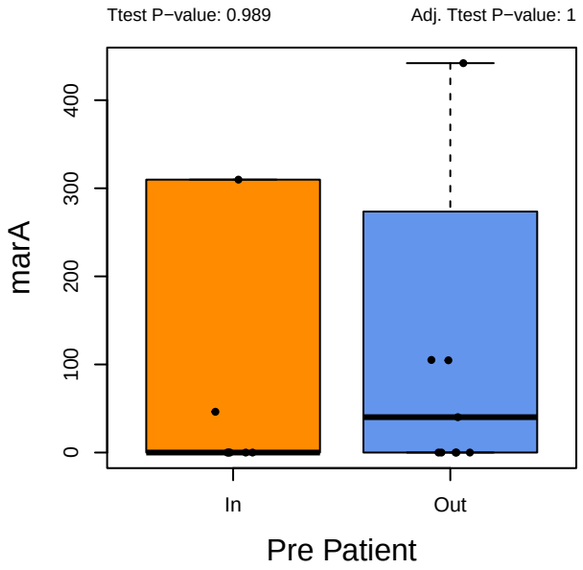

Ttest P−value: 0.975
Adj. Ttest P−value: 1
CMY−20
1.0
0.5
0.0
−0.5
−1.0
In
Out
Pre Patient

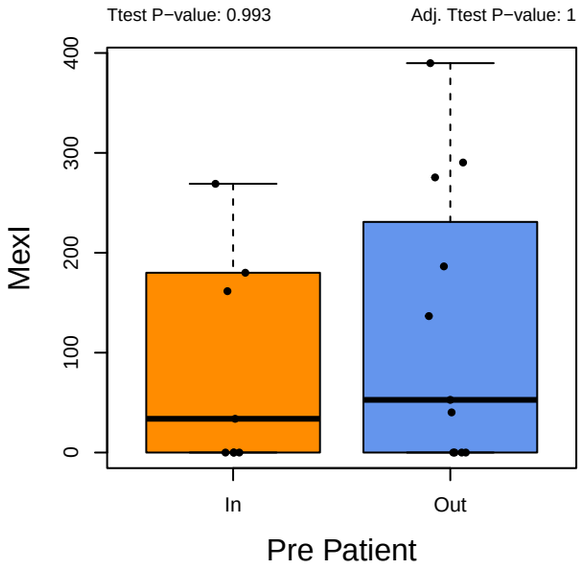

Ttest P−value: 0.982
Adj. Ttest P−value: 1
Bbif_ileS_MUP
8000
6000
4000
2000
0
In
Out
Pre Patient

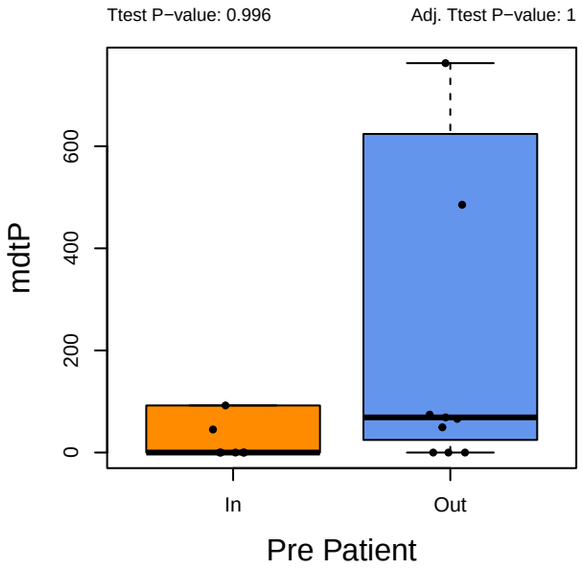

Ttest P−value: 0.983
Adj. Ttest P−value: 1
IND−7
60
50
40
30
20
10
0
In
Out
Pre Patient

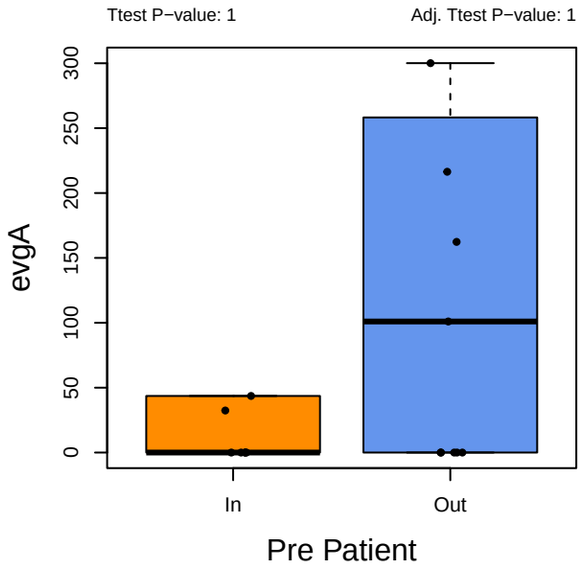

Ttest P−value: 0.986
Adj. Ttest P−value: 1
emrY
400
300
200
100
0
In
Out
Pre Patient

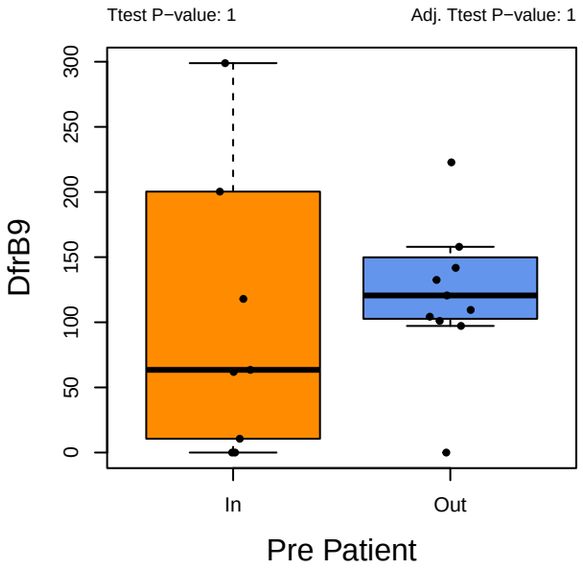

Ttest P−value: 0.987
Adj. Ttest P−value: 1
gadX
600
500
400
300
200
100
0
In
Out
Pre Patient

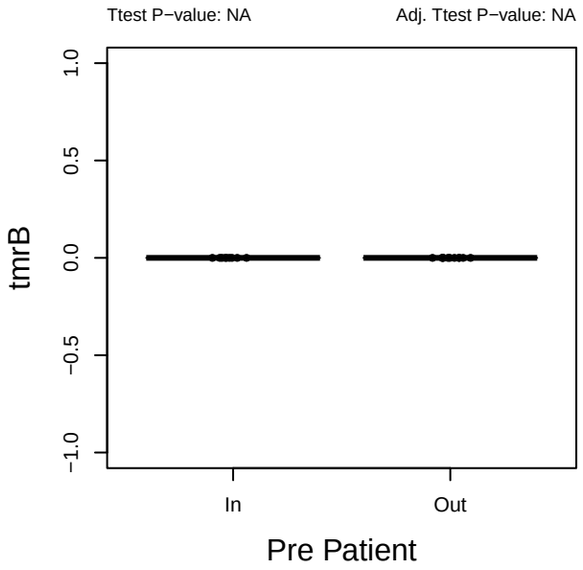

Ttest P−value: 0.989
Adj. Ttest P−value: 1
marA
400
300
200
100
0
In
Out
Pre Patient


Ttest P−value: 0.993
Adj. Ttest P−value: 1
MexI
400
300
200
100
0
In
Out
Pre Patient


Ttest P−value: 0.996
Adj. Ttest P−value: 1
mdtP
600
400
200
0
In
Out
Pre Patient


Ttest P−value: 1
Adj. Ttest P−value: 1
evgA
0
50
100
150
200
250
300
In
Out
Pre Patient


Ttest P−value: 1
Adj. Ttest P−value: 1
DfrB9
0
50
100
150
200
250
300
In
Out
Pre Patient


Ttest P−value: NA
Adj. Ttest P−value: NA
tmrB
−1.0
−0.5
0.0
0.5
1.0
In
Out
Pre Patient