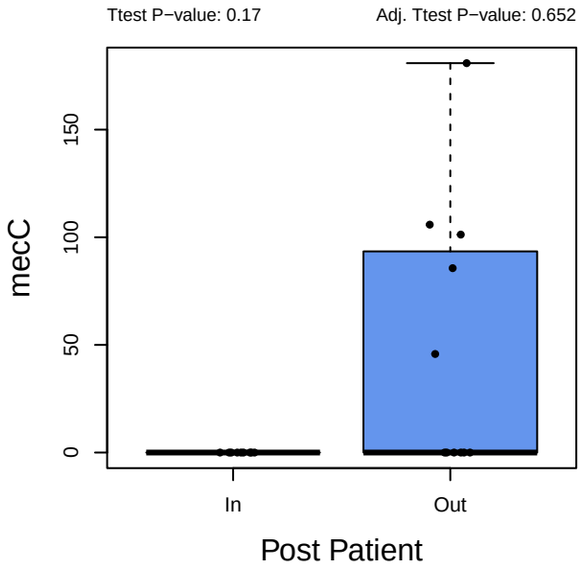
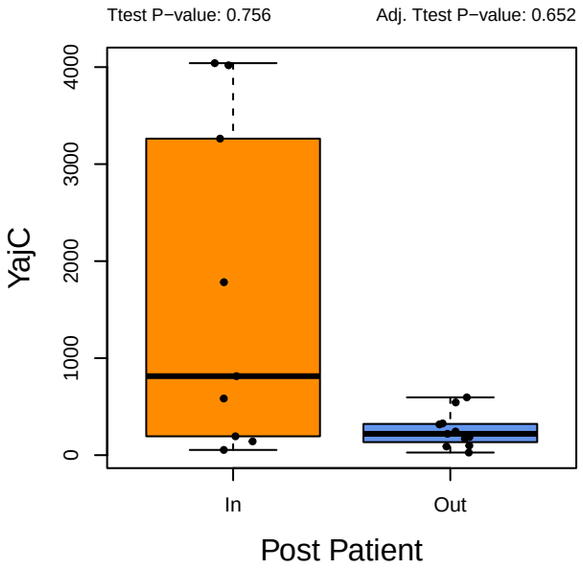
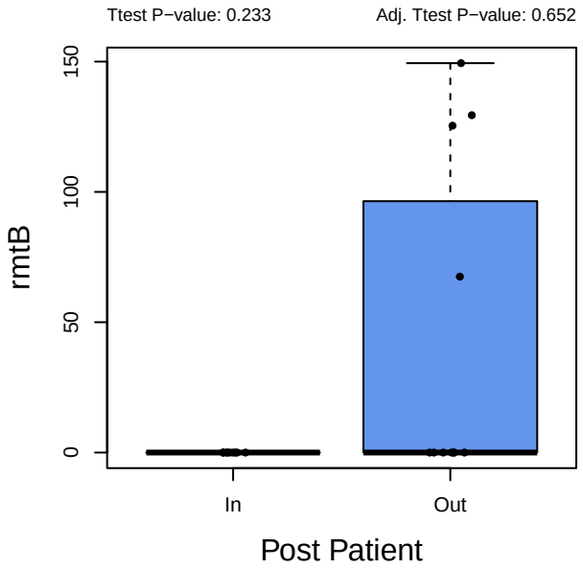
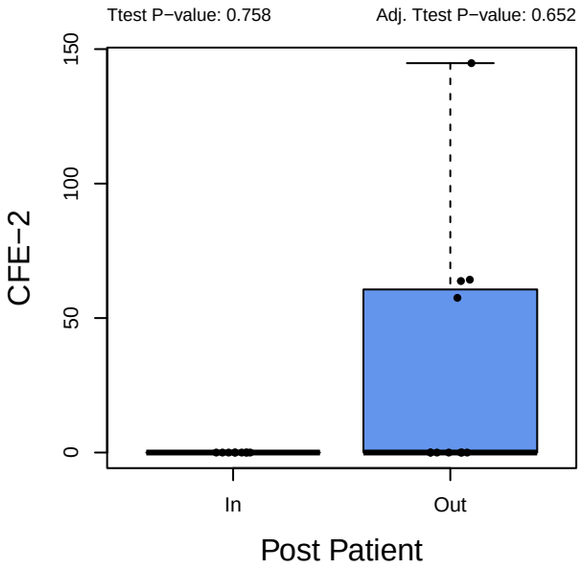
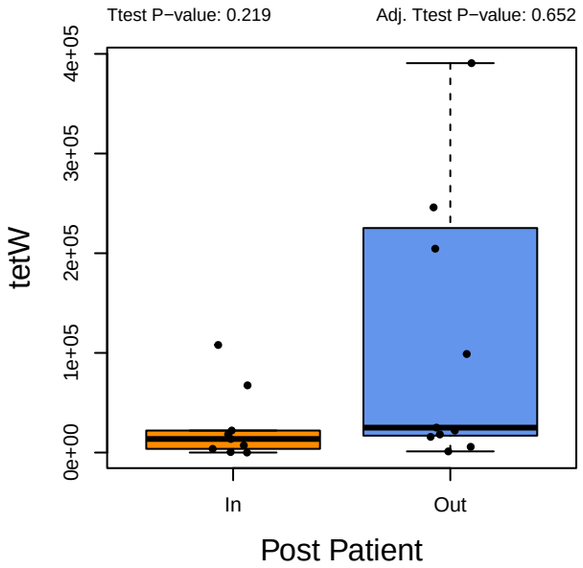
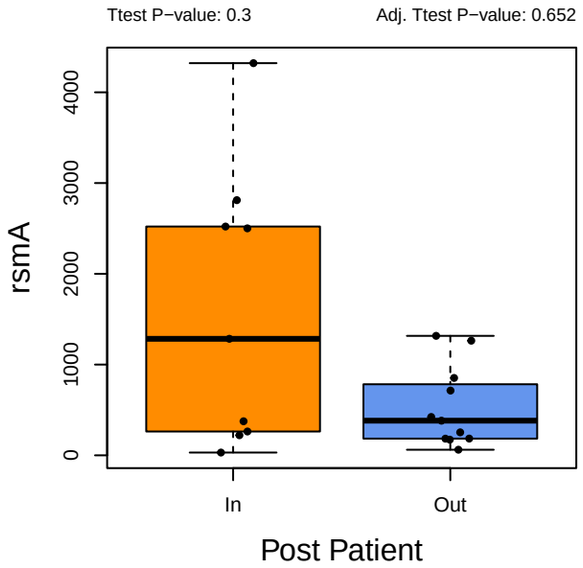

Ttest P−value: 0.17
Adj. Ttest P−value: 0.652
mecC
0
50
100
150
In
Out
Post Patient

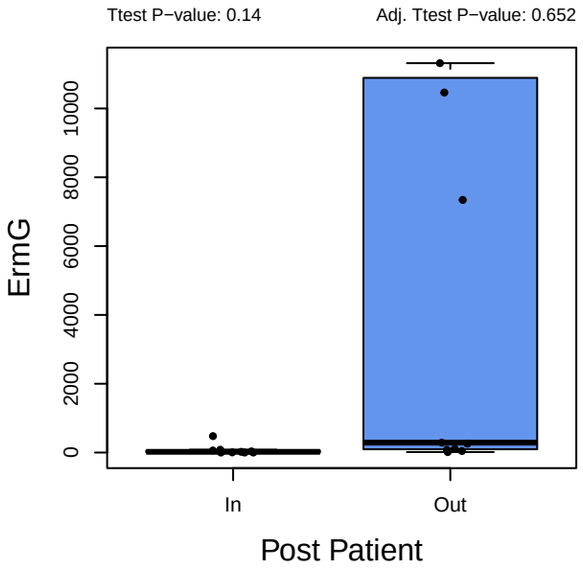

Ttest P−value: 0.756
Adj. Ttest P−value: 0.652
YajC
0
1000
2000
3000
4000
In
Out
Post Patient

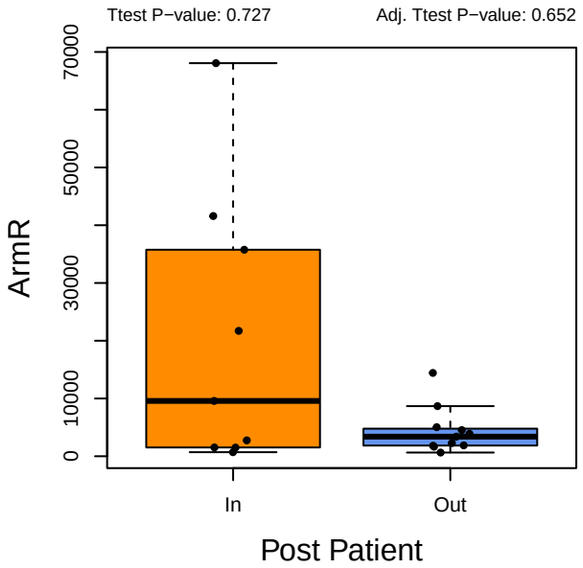

Ttest P−value: 0.233
Adj. Ttest P−value: 0.652
rmtB
0
50
100
150
In
Out
Post Patient

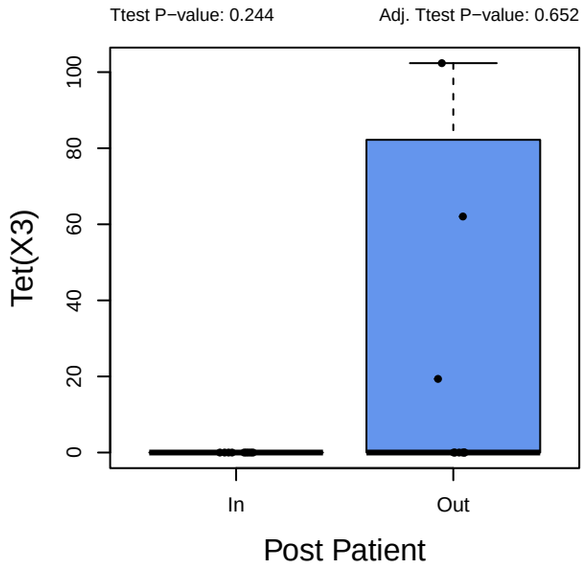

Ttest P−value: 0.758
Adj. Ttest P−value: 0.652
CFE−2
0
50
100
150
In
Out
Post Patient

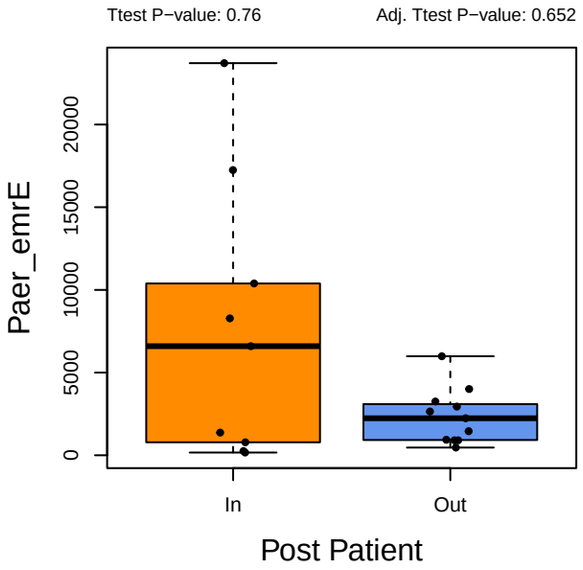

Ttest P−value: 0.219
Adj. Ttest P−value: 0.652
tetW
0e+00
1e+05
2e+05
3e+05
4e+05
In
Out
Post Patient

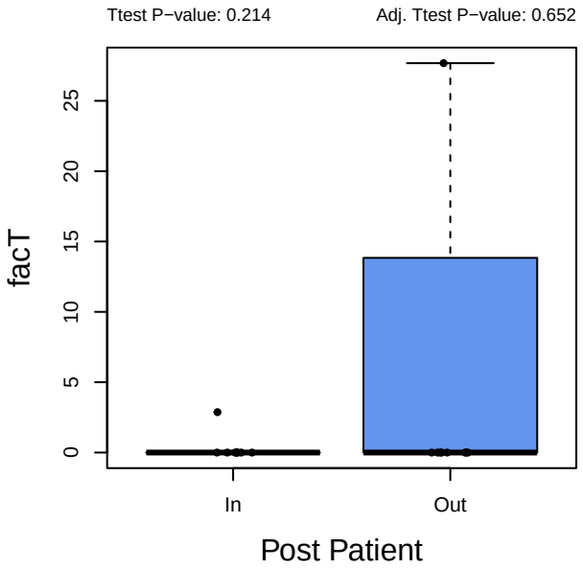

Ttest P−value: 0.3
Adj. Ttest P−value: 0.652
rsmA
0
1000
2000
3000
4000
In
Out
Post Patient

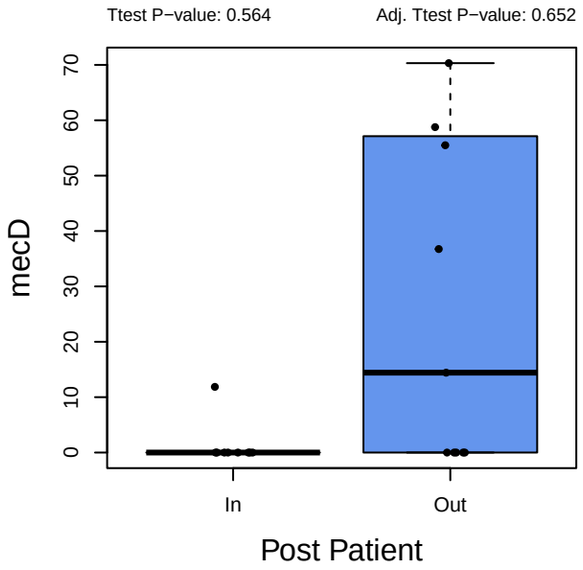

Ttest P−value: 0.14
Adj. Ttest P−value: 0.652
ErmG
0
2000
4000
6000
8000
10000
In
Out
Post Patient

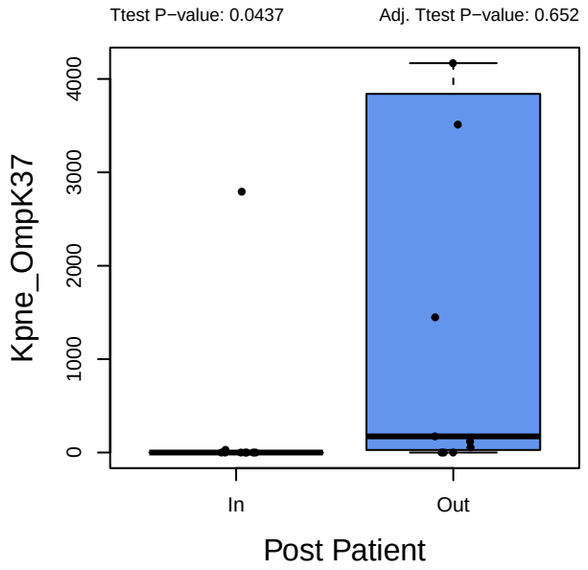

Ttest P−value: 0.727
Adj. Ttest P−value: 0.652
ArmR
0
10000
30000
50000
70000
In
Out
Post Patient

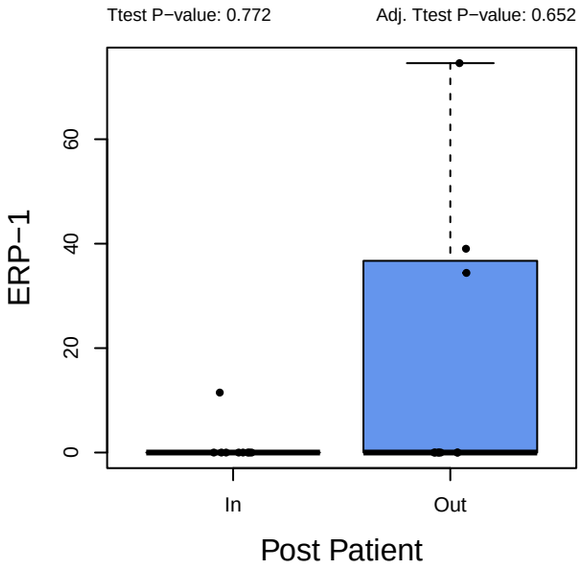

Ttest P−value: 0.244
Adj. Ttest P−value: 0.652
Tet(X3)
0
20
40
60
80
100
In
Out
Post Patient

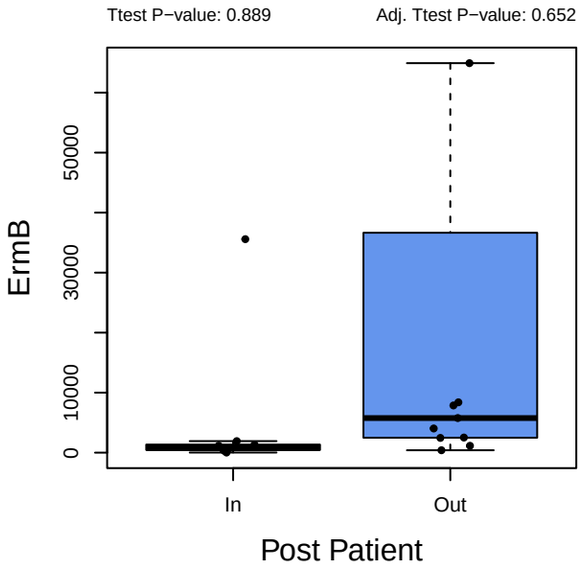

Ttest P−value: 0.76
Adj. Ttest P−value: 0.652
Paer_emrE
0
5000
10000
15000
20000
In
Out
Post Patient

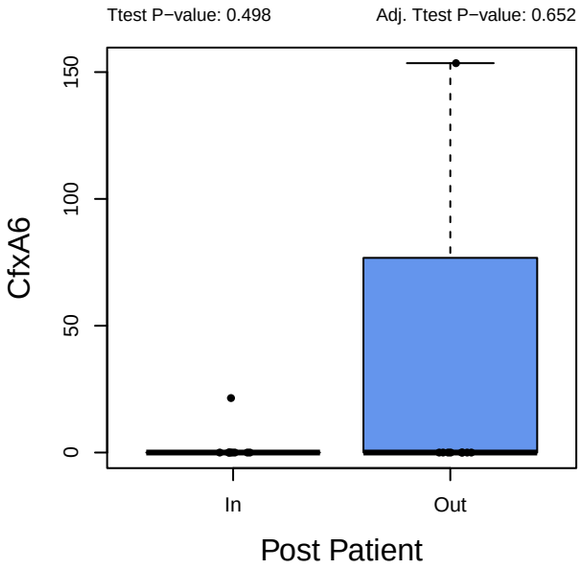

Ttest P−value: 0.214
Adj. Ttest P−value: 0.652
facT
0
5
10
15
20
25
In
Out
Post Patient

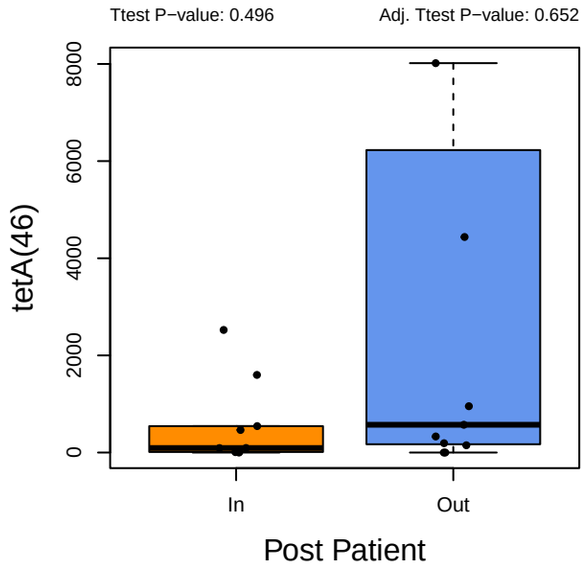

Ttest P−value: 0.564
Adj. Ttest P−value: 0.652
mecD
0
10
20
30
40
50
60
70
In
Out
Post Patient

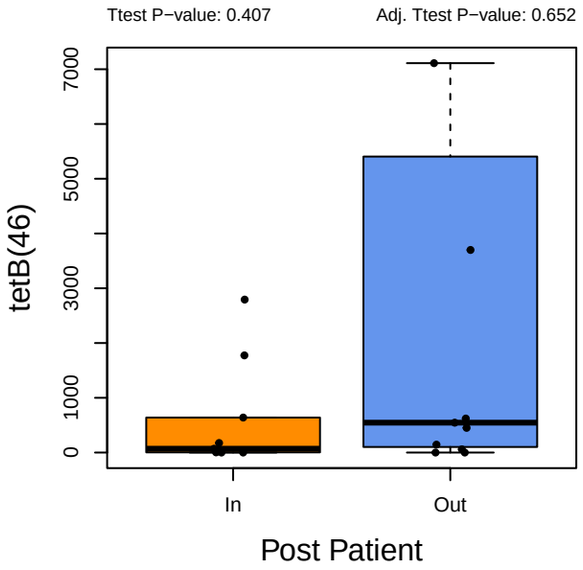

Ttest P−value: 0.0437
Adj. Ttest P−value: 0.652
Kpne_OmpK37
0
1000
2000
3000
4000
In
Out
Post Patient

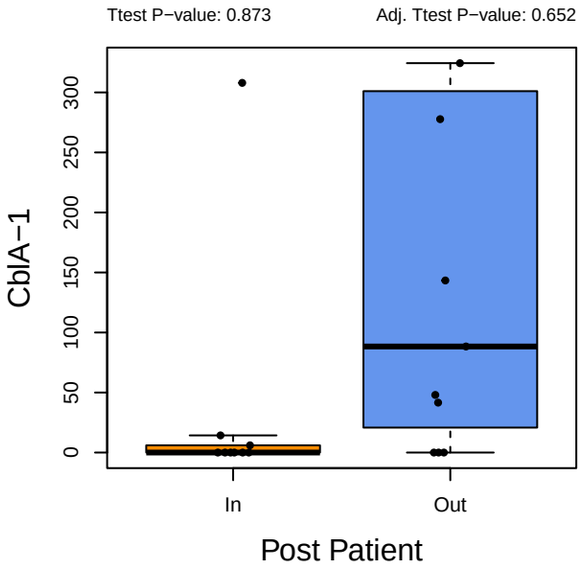

Ttest P−value: 0.772
Adj. Ttest P−value: 0.652
ERP−1
0
20
40
60
In
Out
Post Patient

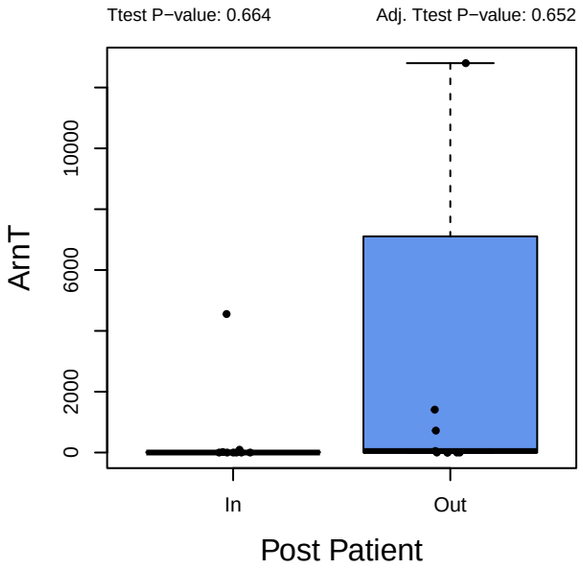

Ttest P−value: 0.889
Adj. Ttest P−value: 0.652
ErmB
0
10000
30000
50000
In
Out
Post Patient

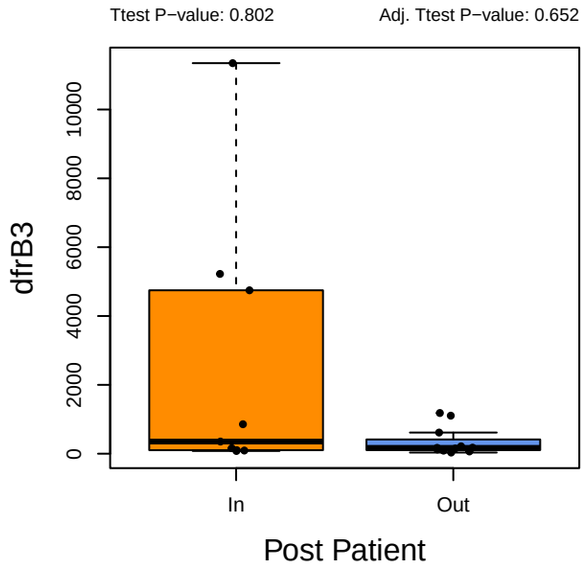

Ttest P−value: 0.498
Adj. Ttest P−value: 0.652
CfxA6
0
50
100
150
In
Out
Post Patient

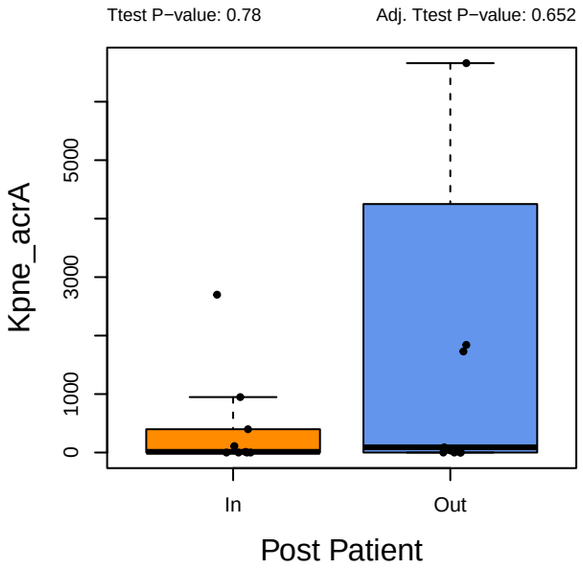

Ttest P−value: 0.496
Adj. Ttest P−value: 0.652
tetA(46)
0
2000
4000
6000
8000
In
Out
Post Patient

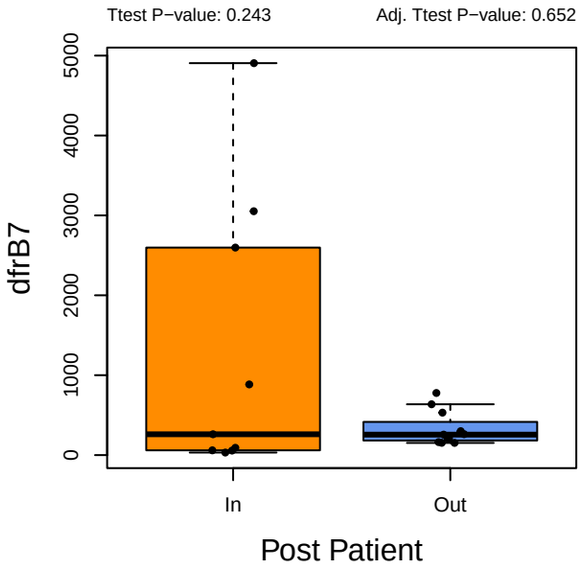

Ttest P−value: 0.407
Adj. Ttest P−value: 0.652
tetB(46)
0
1000
3000
5000
7000
In
Out
Post Patient

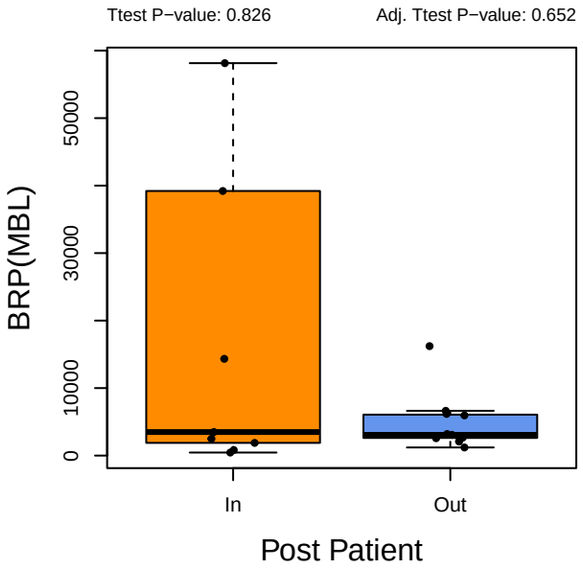

Ttest P−value: 0.873
Adj. Ttest P−value: 0.652
CblA−1
0
50
100
150
200
250
300
In
Out
Post Patient

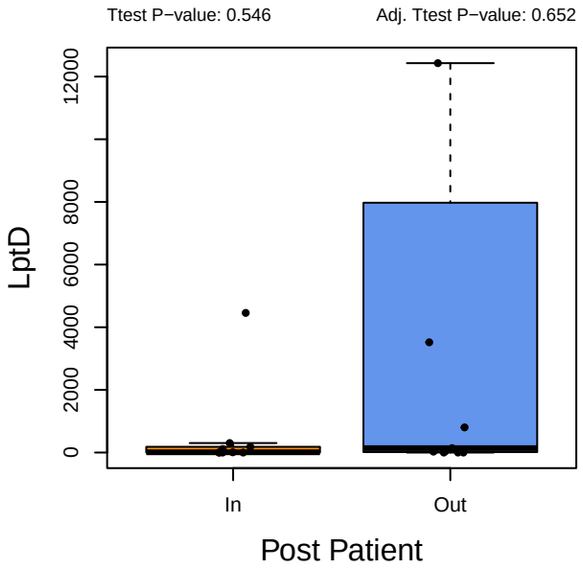

Ttest P−value: 0.664
Adj. Ttest P−value: 0.652
ArnT
0
2000
6000
10000
In
Out
Post Patient

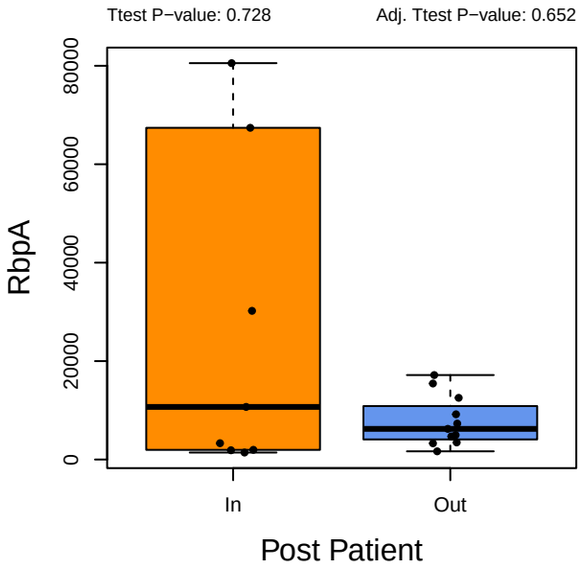

Ttest P−value: 0.802
Adj. Ttest P−value: 0.652
dfrB3
0
2000
4000
6000
8000
10000
In
Out
Post Patient

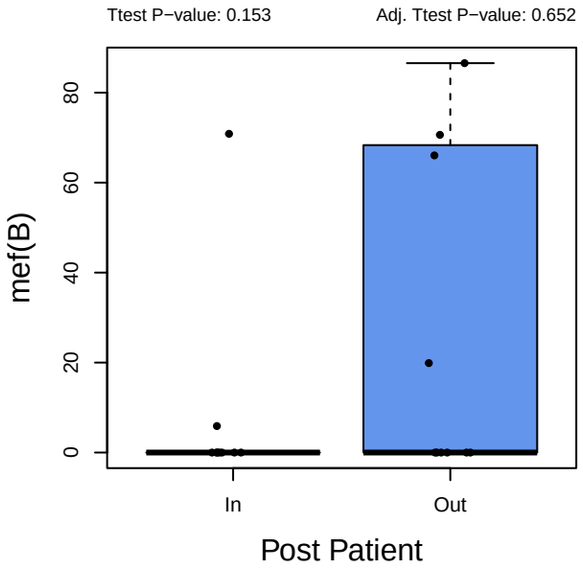

Ttest P−value: 0.78
Adj. Ttest P−value: 0.652
Kpne_acrA
0
1000
3000
5000
In
Out
Post Patient

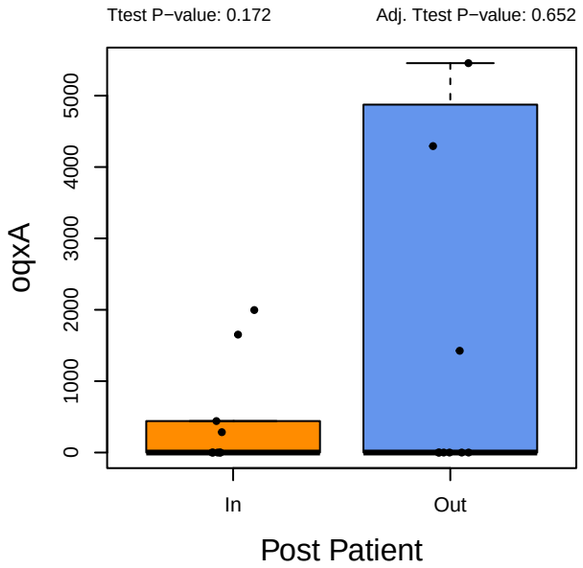

Ttest P−value: 0.243
Adj. Ttest P−value: 0.652
dfrB7
0
1000
2000
3000
4000
5000
In
Out
Post Patient

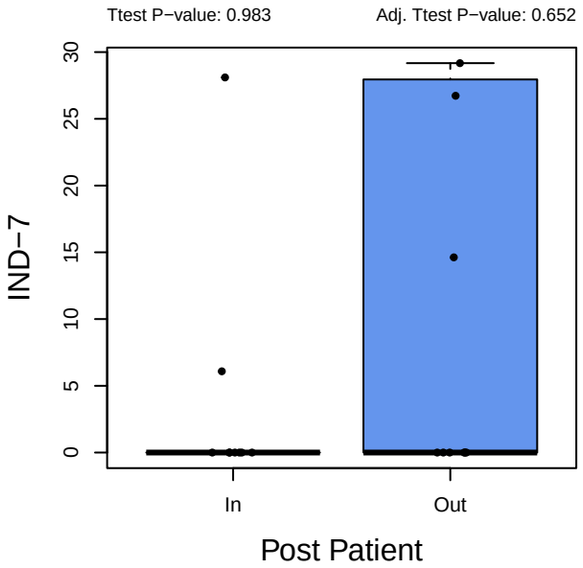

Ttest P−value: 0.826
Adj. Ttest P−value: 0.652
BRP(MBL)
0
10000
30000
50000
In
Out
Post Patient

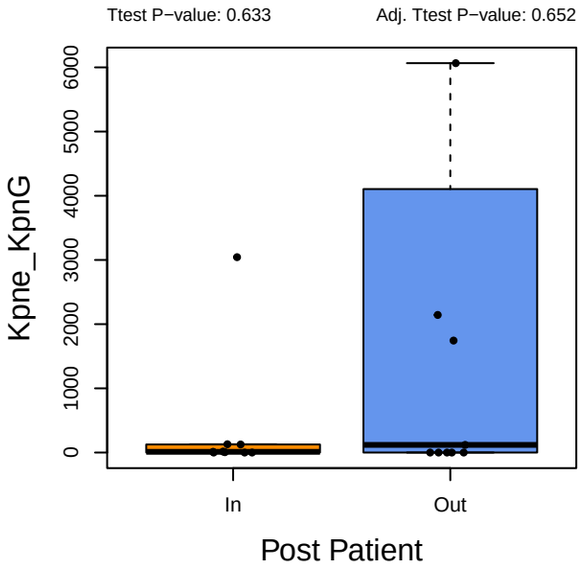

Ttest P−value: 0.546
Adj. Ttest P−value: 0.652
LptD
0
2000
4000
6000
8000
12000
In
Out
Post Patient

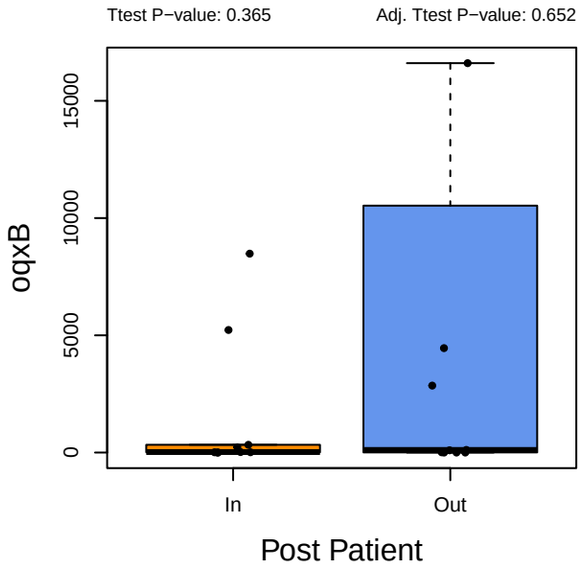

Ttest P−value: 0.728
Adj. Ttest P−value: 0.652
RbpA
0
20000
40000
60000
80000
In
Out
Post Patient

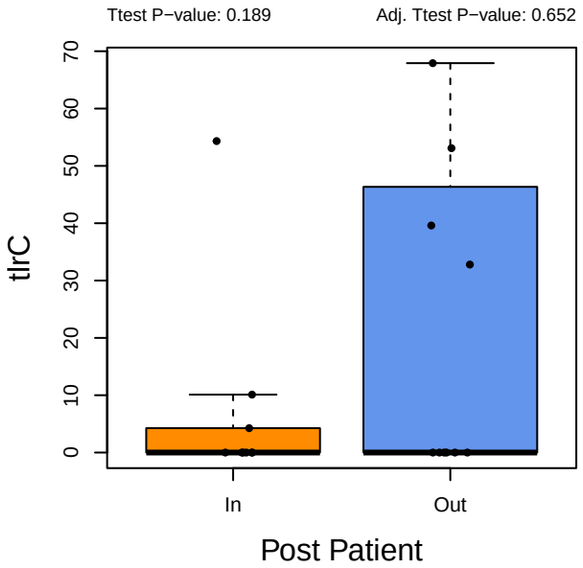

Ttest P−value: 0.153
Adj. Ttest P−value: 0.652
mef(B)
0
20
40
60
80
In
Out
Post Patient

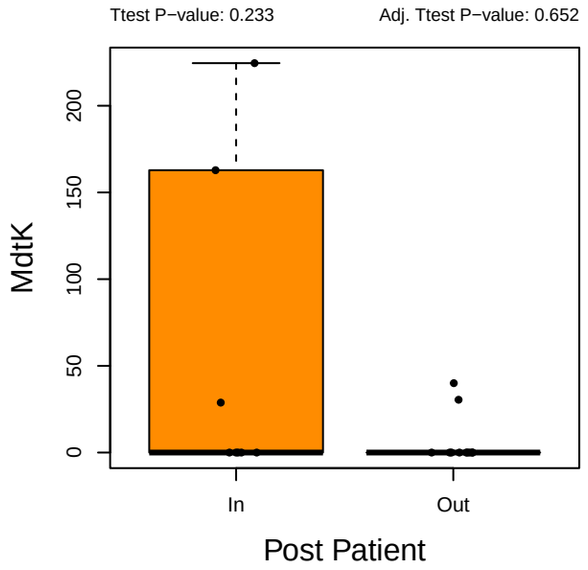

Ttest P−value: 0.172
Adj. Ttest P−value: 0.652
oqxA
0
1000
2000
3000
4000
5000
In
Out
Post Patient

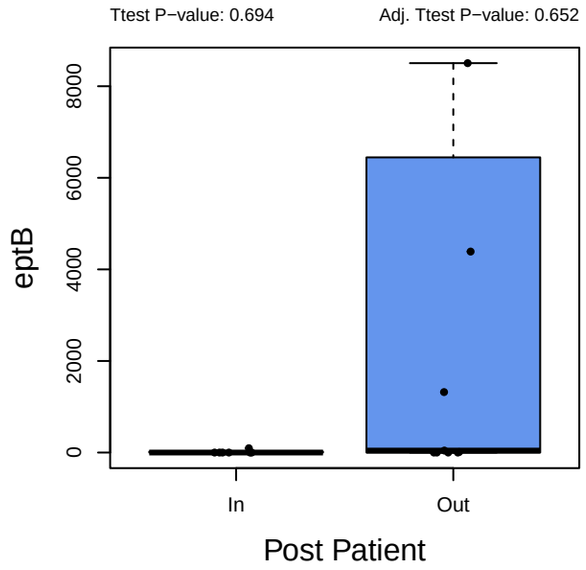

Ttest P−value: 0.983
Adj. Ttest P−value: 0.652
IND−7
0
5
10
15
20
25
30
In
Out
Post Patient

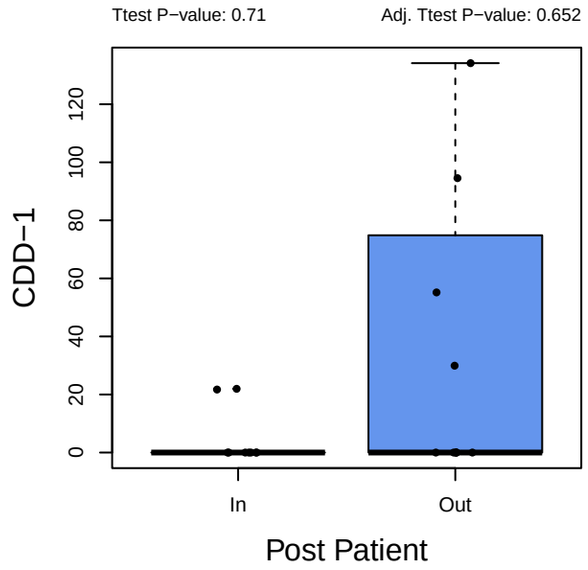

Ttest P−value: 0.633
Adj. Ttest P−value: 0.652
Kpne_KpnG
0
1000
2000
3000
4000
5000
6000
In
Out
Post Patient

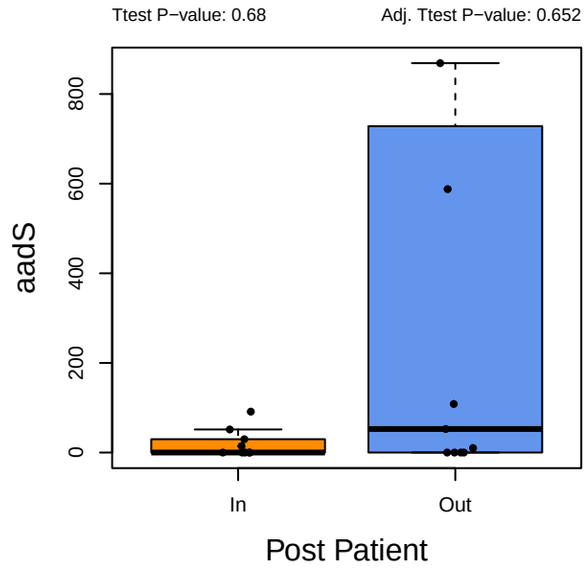

Ttest P−value: 0.365
Adj. Ttest P−value: 0.652
oqxB
0
5000
10000
15000
In
Out
Post Patient

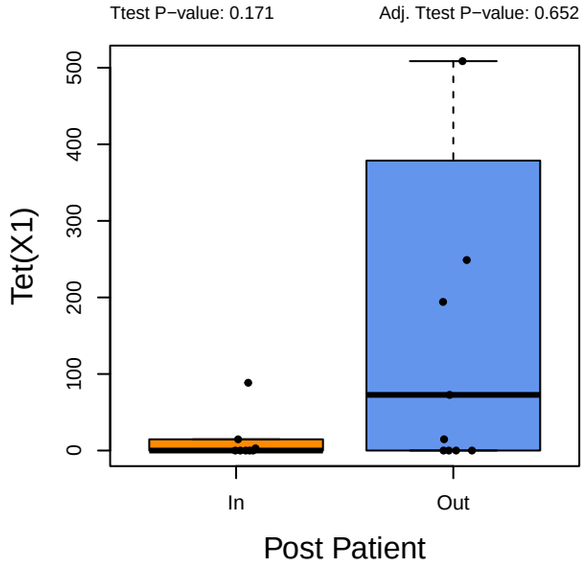

Ttest P−value: 0.189
Adj. Ttest P−value: 0.652
tlrC
0
10
20
30
40
50
60
70
In
Out
Post Patient

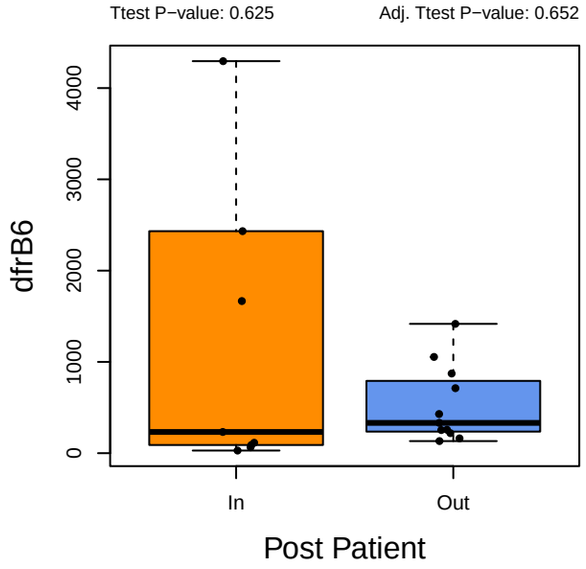

Ttest P−value: 0.233
Adj. Ttest P−value: 0.652
MdtK
0
50
100
150
200
In
Out
Post Patient

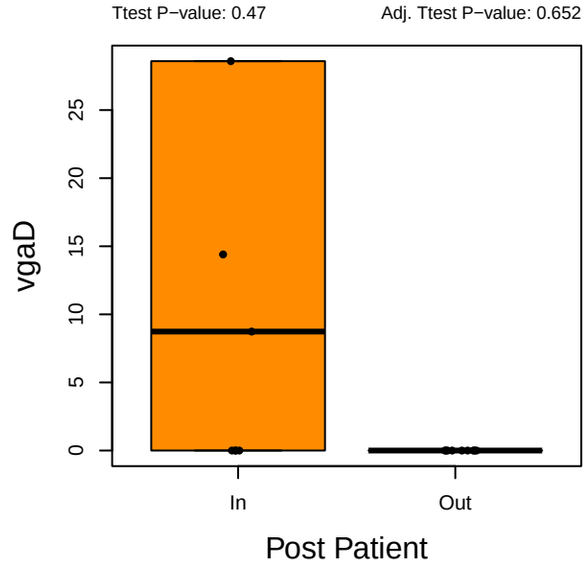

Ttest P−value: 0.694
Adj. Ttest P−value: 0.652
eptB
0
2000
4000
6000
8000
In
Out
Post Patient

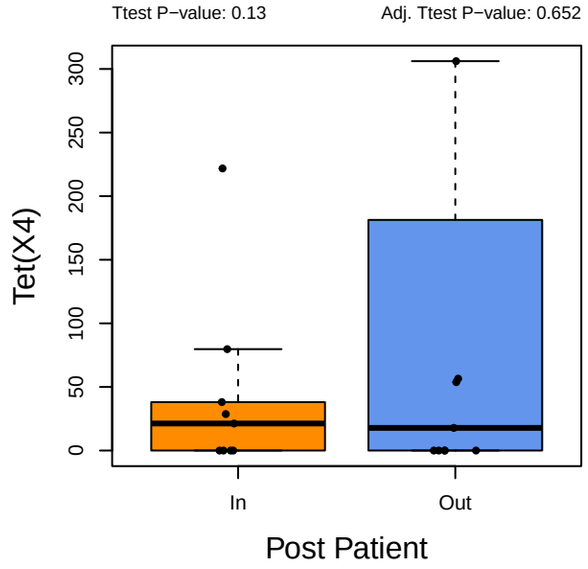

Ttest P−value: 0.71
Adj. Ttest P−value: 0.652
CDD−1
0
20
40
60
80
100
120
In
Out
Post Patient

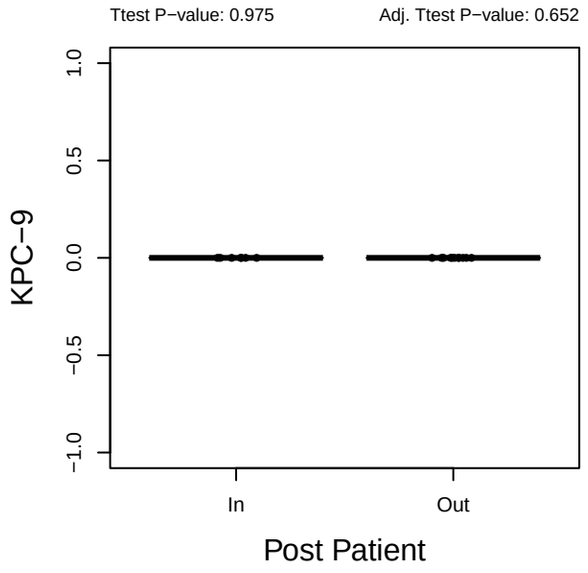

Ttest P−value: 0.68
Adj. Ttest P−value: 0.652
aadS
0
200
400
600
800
In
Out
Post Patient

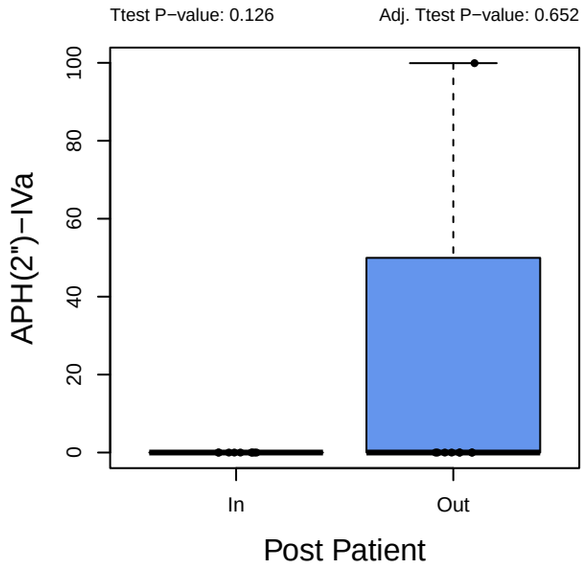

Ttest P−value: 0.171
Adj. Ttest P−value: 0.652
Tet(X1)
0
100
200
300
400
500
In
Out
Post Patient

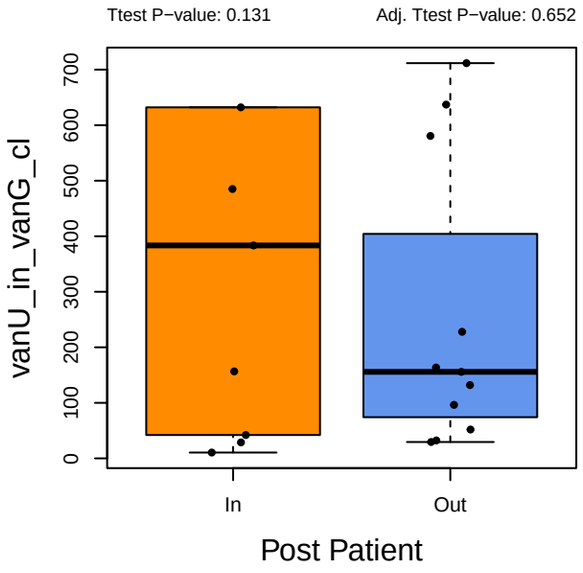

Ttest P−value: 0.625
Adj. Ttest P−value: 0.652
dfrB6
0
1000
2000
3000
4000
In
Out
Post Patient

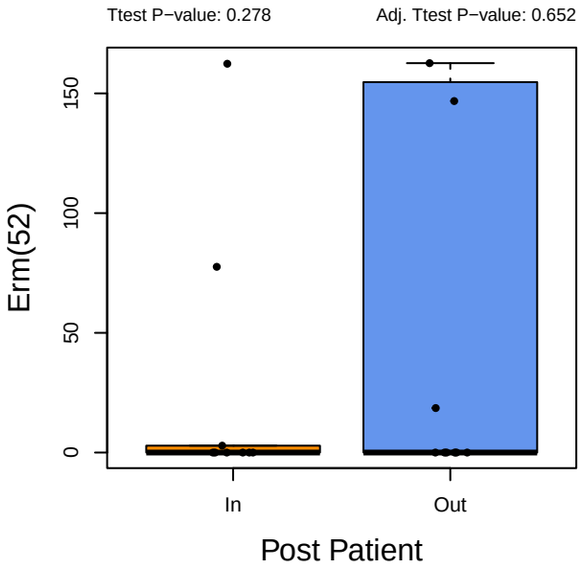

Ttest P−value: 0.47
Adj. Ttest P−value: 0.652
vgaD
0
5
10
15
20
25
In
Out
Post Patient

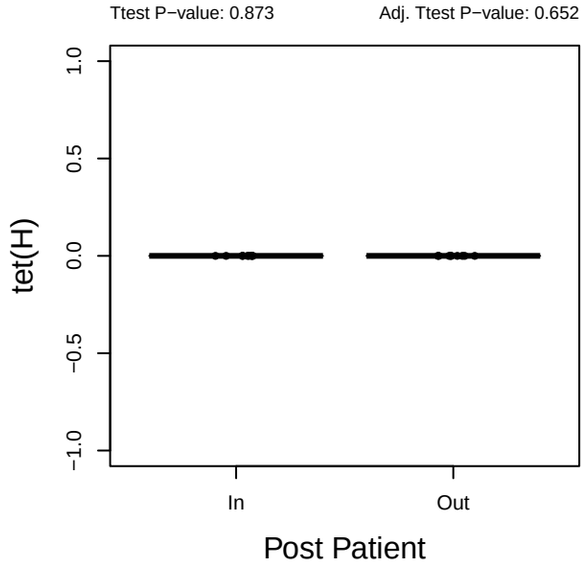

Ttest P−value: 0.13
Adj. Ttest P−value: 0.652
Tet(X4)
0
50
100
150
200
250
300
In
Out
Post Patient

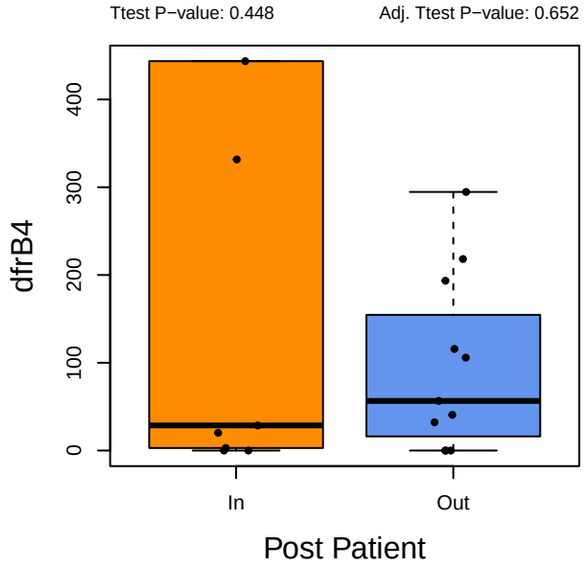

Ttest P−value: 0.975
Adj. Ttest P−value: 0.652
KPC−9
1.0
0.5
0.0
−0.5
−1.0
In
Out
Post Patient

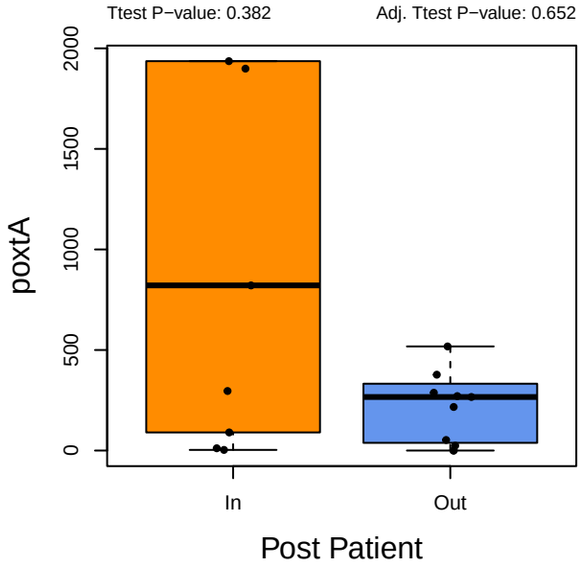

Ttest P−value: 0.126
Adj. Ttest P−value: 0.652
APH(2")−IVa
100
80
60
40
20
0
In
Out
Post Patient

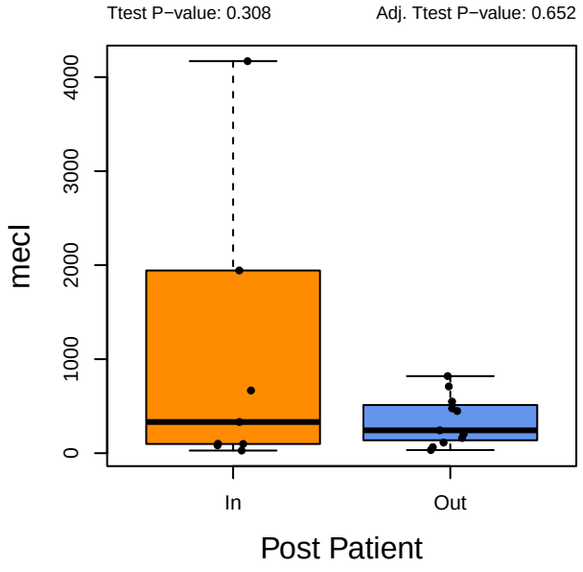

Ttest P−value: 0.131
Adj. Ttest P−value: 0.652
vanU_in_vanG_cl
700
600
500
400
300
200
100
0
In
Out
Post Patient

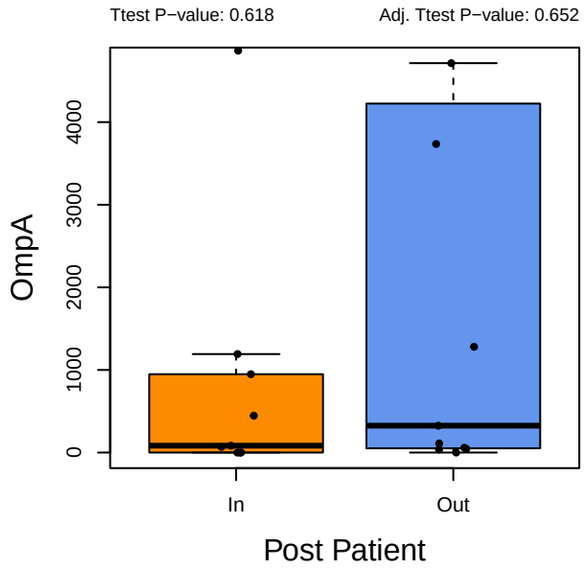

Ttest P−value: 0.278
Adj. Ttest P−value: 0.652
Erm(52)
150
100
50
0
In
Out
Post Patient

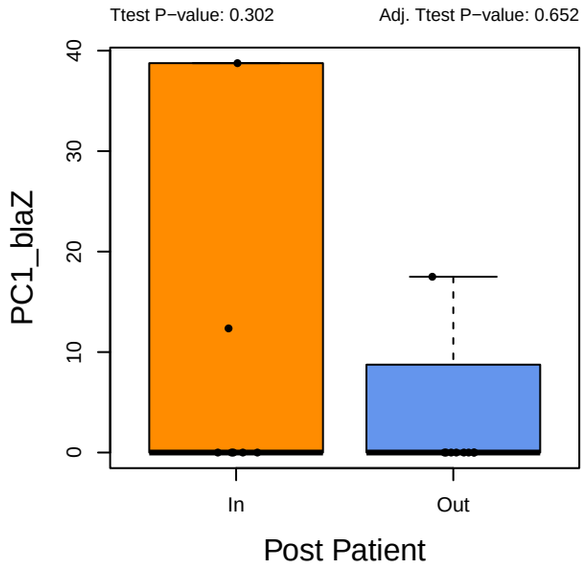

Ttest P−value: 0.873
Adj. Ttest P−value: 0.652
tet(H)
1.0
0.5
0.0
−0.5
−1.0
In
Out
Post Patient

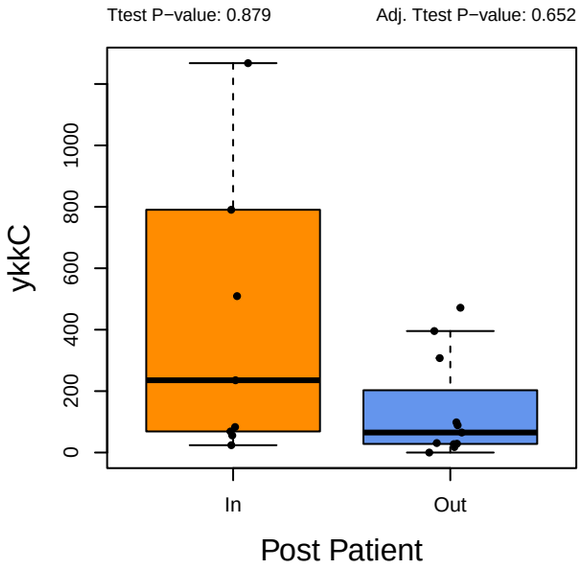

Ttest P−value: 0.448
Adj. Ttest P−value: 0.652
dfrB4
400
300
200
100
0
In
Out
Post Patient

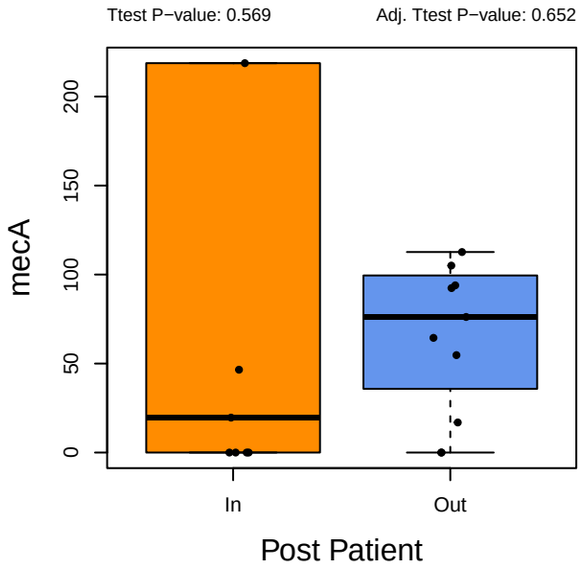

Ttest P−value: 0.382
Adj. Ttest P−value: 0.652
poxtA
2000
1500
1000
500
0
In
Out
Post Patient

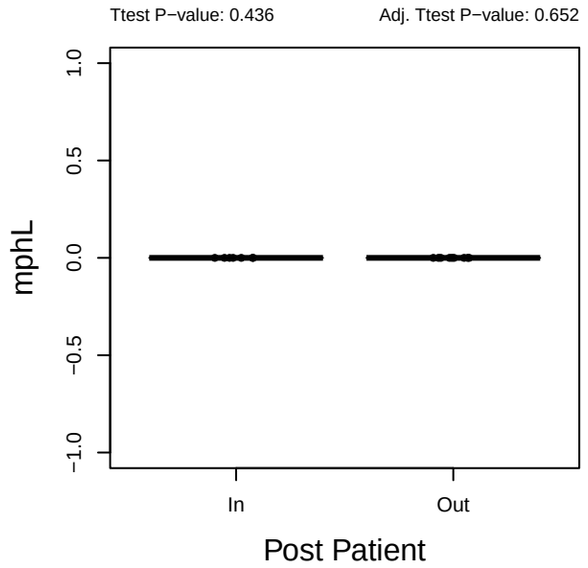

Ttest P−value: 0.308
Adj. Ttest P−value: 0.652
mecI
4000
3000
2000
1000
0
In
Out
Post Patient

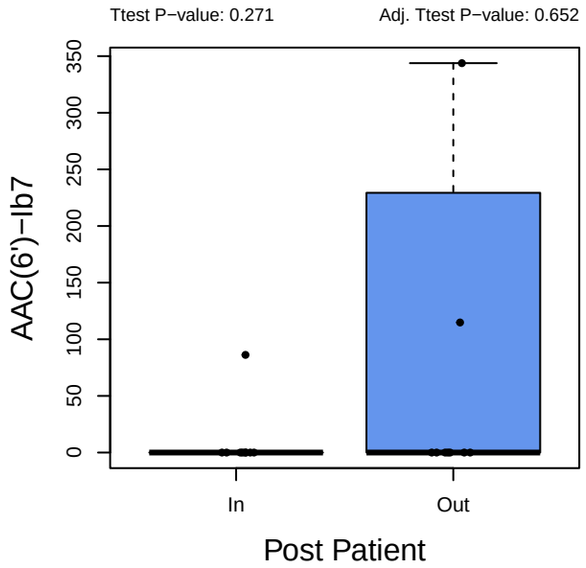

Ttest P−value: 0.618
Adj. Ttest P−value: 0.652
OmpA
0
1000
2000
3000
4000
In
Out
Post Patient

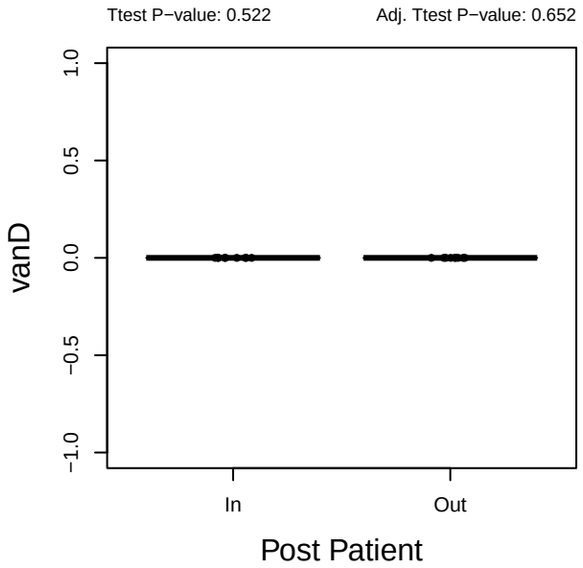

Ttest P−value: 0.302
Adj. Ttest P−value: 0.652
PC1_blaZ
0
10
20
30
40
In
Out
Post Patient

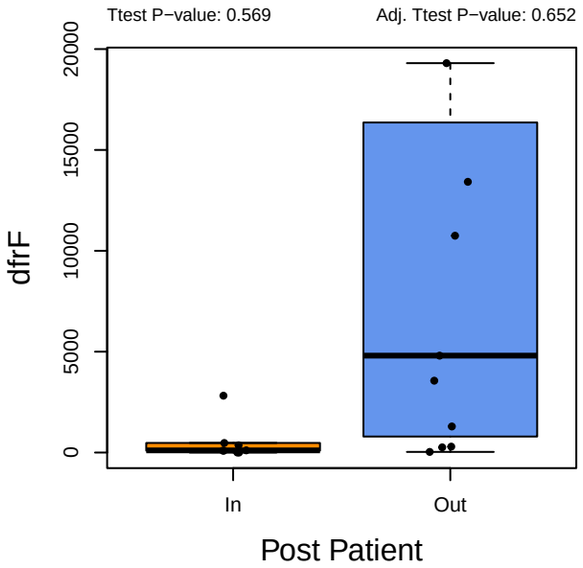

Ttest P−value: 0.879
Adj. Ttest P−value: 0.652
ykkC
0
200
400
600
800
1000
In
Out
Post Patient

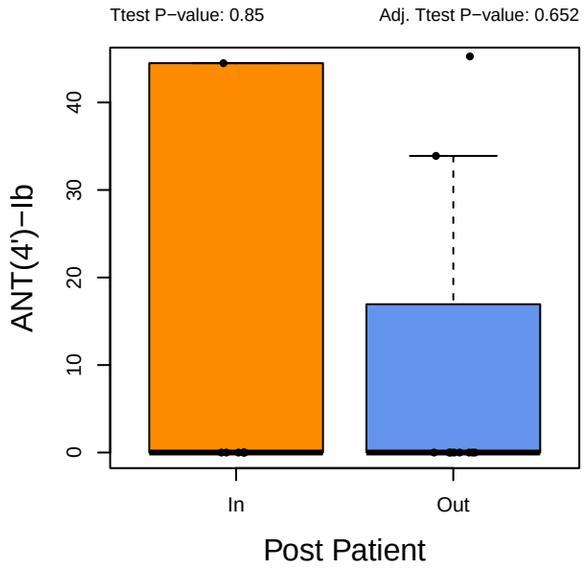

Ttest P−value: 0.569
Adj. Ttest P−value: 0.652
mecA
0
50
100
150
200
In
Out
Post Patient

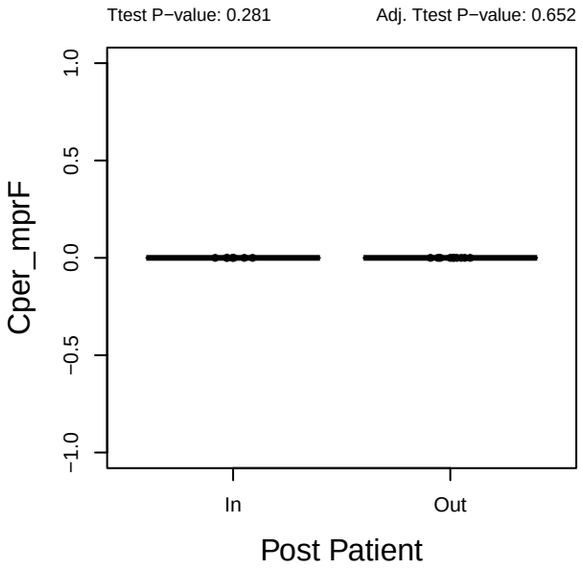

Ttest P−value: 0.436
Adj. Ttest P−value: 0.652
mphL
−1.0
−0.5
0.0
0.5
1.0
In
Out
Post Patient

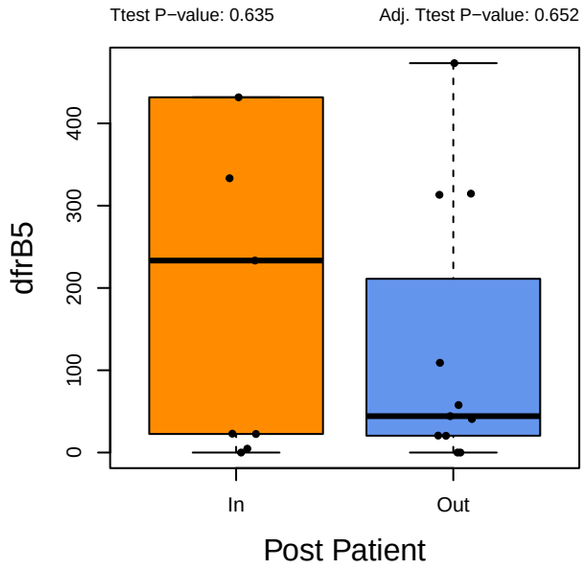

Ttest P−value: 0.271
Adj. Ttest P−value: 0.652
AAC(6')−Ib7
0
50
100
150
200
250
300
350
In
Out
Post Patient

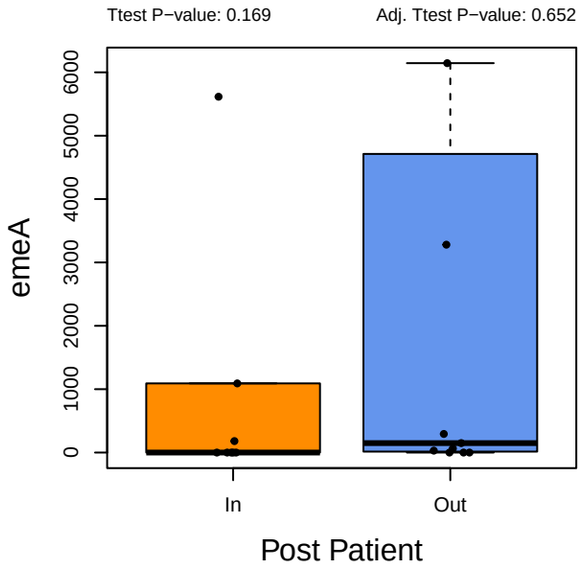

Ttest P−value: 0.522
Adj. Ttest P−value: 0.652
vanD
−1.0
−0.5
0.0
0.5
1.0
In
Out
Post Patient

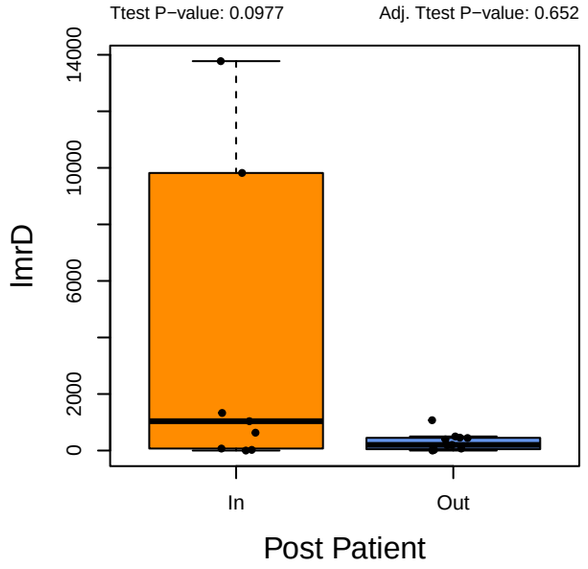

Ttest P−value: 0.569
Adj. Ttest P−value: 0.652
dfrF
0
5000
10000
15000
20000
In
Out
Post Patient

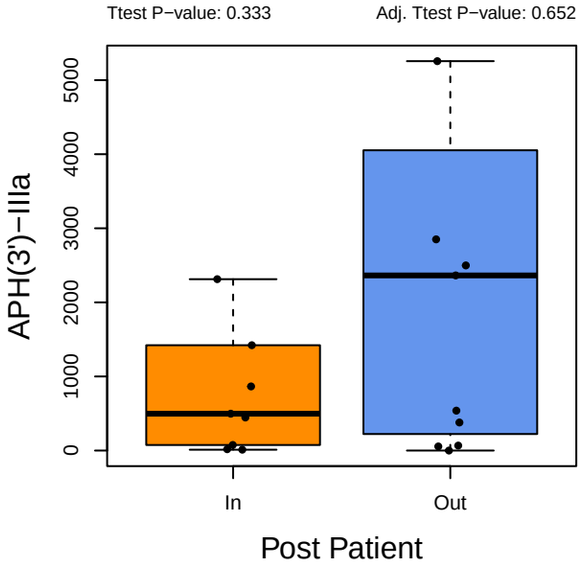

Ttest P−value: 0.85
Adj. Ttest P−value: 0.652
ANT(4')−Ib
0
10
20
30
40
In
Out
Post Patient

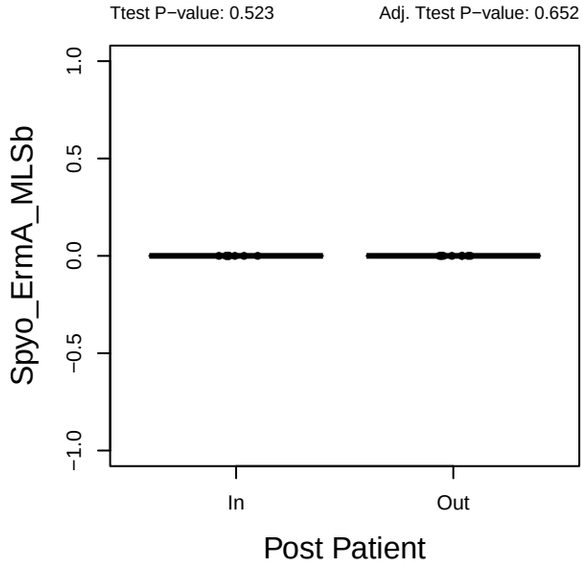

Ttest P−value: 0.281
Adj. Ttest P−value: 0.652
Cper_mprF
−1.0
−0.5
0.0
0.5
1.0
In
Out
Post Patient

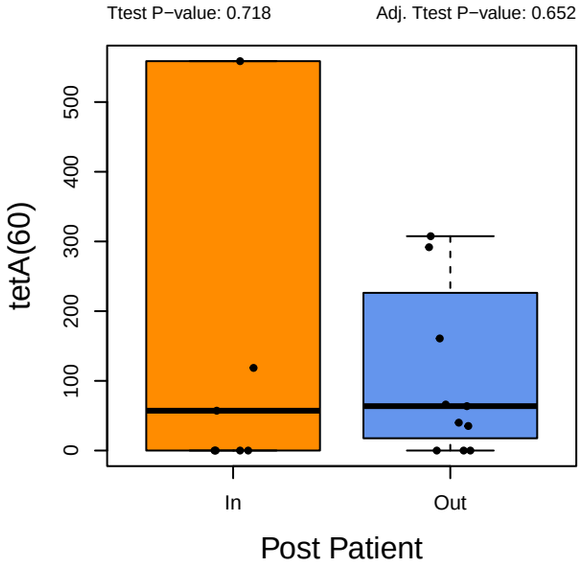

Ttest P−value: 0.635
Adj. Ttest P−value: 0.652
dfrB5
0
100
200
300
400
In
Out
Post Patient

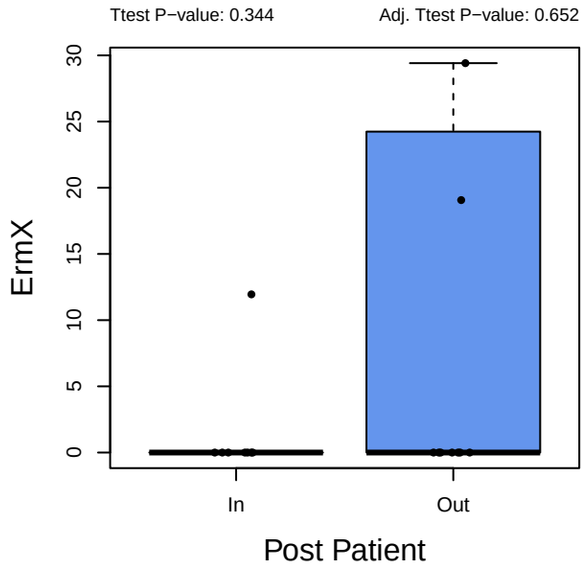

Ttest P−value: 0.169
Adj. Ttest P−value: 0.652
emeA
0
1000
2000
3000
4000
5000
6000
In
Out
Post Patient

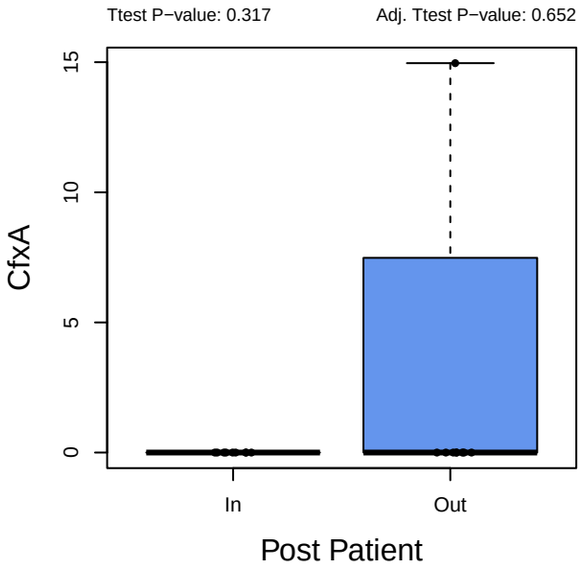

Ttest P−value: 0.0977
Adj. Ttest P−value: 0.652
lmrD
0
2000
6000
10000
14000
In
Out
Post Patient

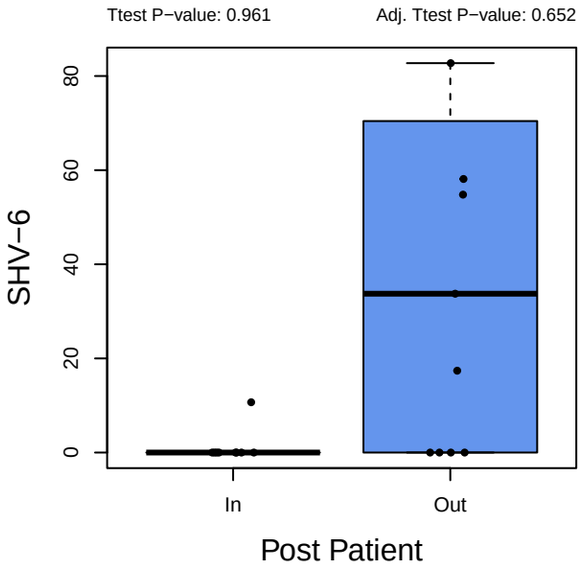

Ttest P−value: 0.333
Adj. Ttest P−value: 0.652
APH(3')−IIIa
0
1000
2000
3000
4000
5000
In
Out
Post Patient

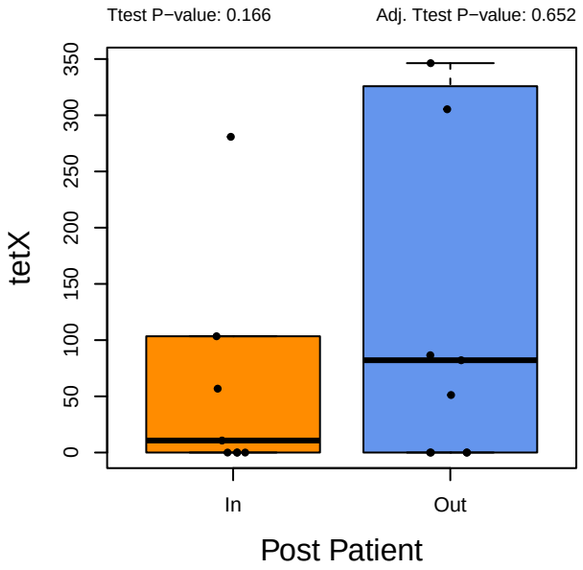

Ttest P−value: 0.523
Adj. Ttest P−value: 0.652
Spyo_ErmA_MLSb
−1.0
−0.5
0.0
0.5
1.0
In
Out
Post Patient

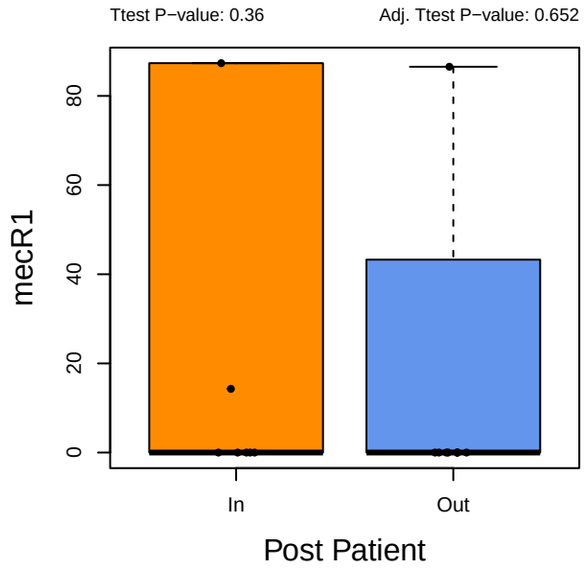

Ttest P−value: 0.718
Adj. Ttest P−value: 0.652
tetA(60)
0
100
200
300
400
500
In
Out
Post Patient

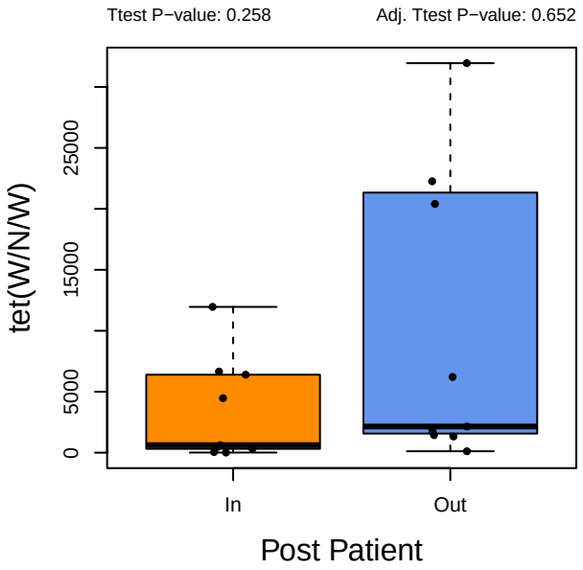

Ttest P−value: 0.344
Adj. Ttest P−value: 0.652
ErmX
0
5
10
15
20
25
30
In
Out
Post Patient

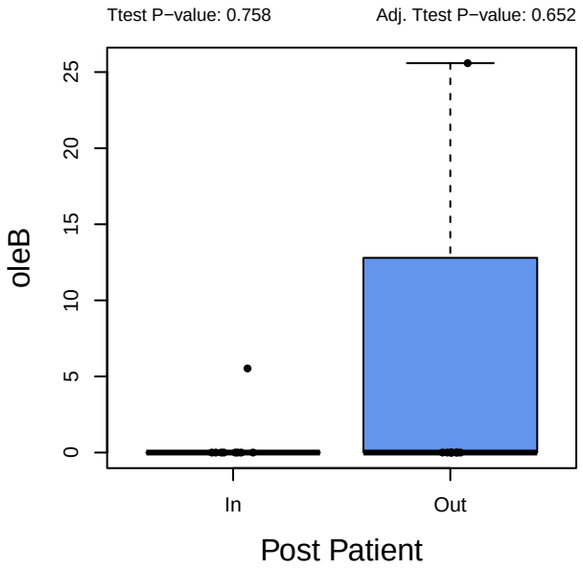

Ttest P−value: 0.317
Adj. Ttest P−value: 0.652
CfxA
0
5
10
15
In
Out
Post Patient

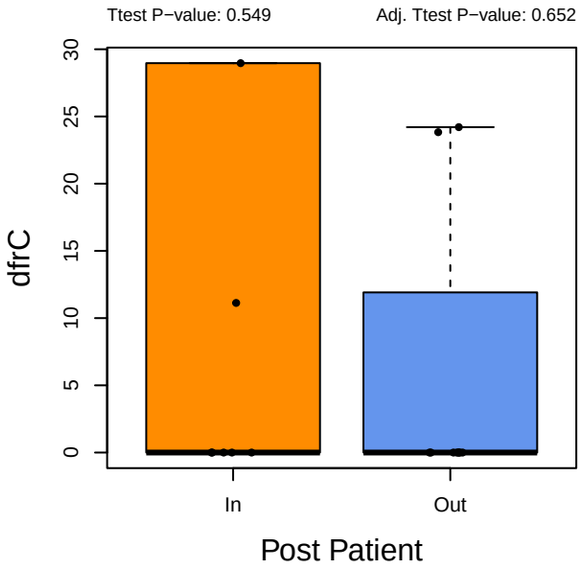

Ttest P−value: 0.961
Adj. Ttest P−value: 0.652
SHV−6
0
20
40
60
80
In
Out
Post Patient

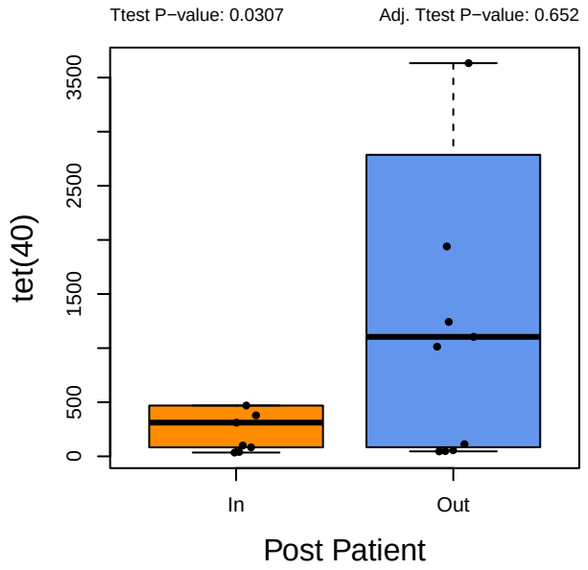

Ttest P−value: 0.166
Adj. Ttest P−value: 0.652
tetX
0
50
100
150
200
250
300
350
In
Out
Post Patient

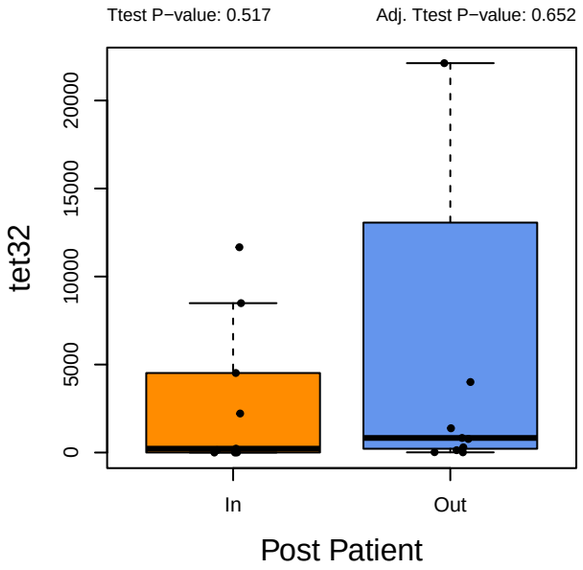

Ttest P−value: 0.36
Adj. Ttest P−value: 0.652
mecR1
0
20
40
60
80
In
Out
Post Patient

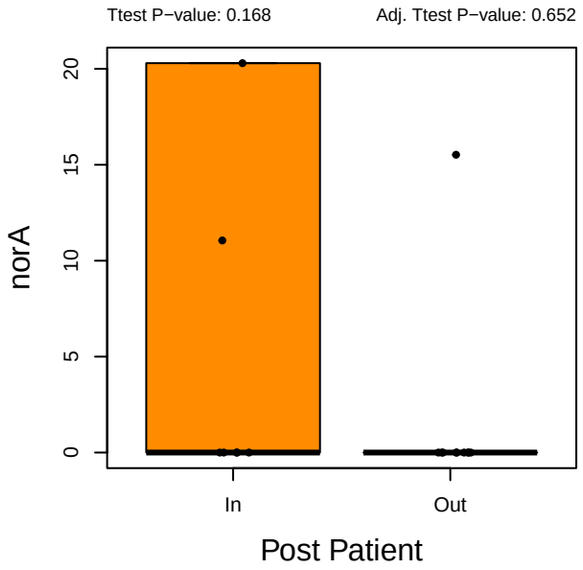

Ttest P−value: 0.258
Adj. Ttest P−value: 0.652
tet(W/N/W)
0
5000
15000
25000
In
Out
Post Patient

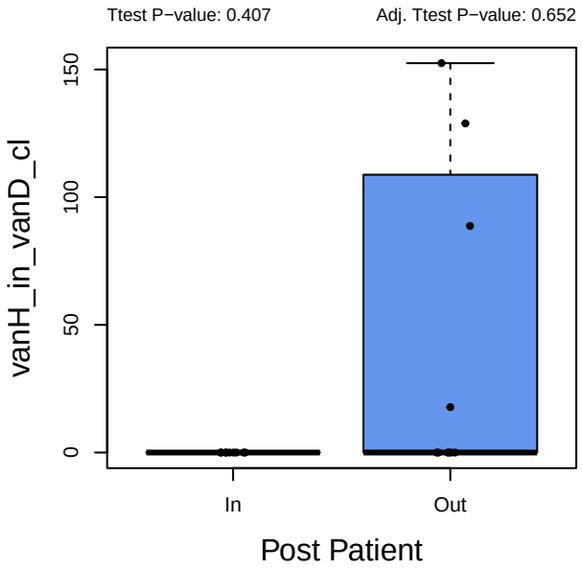

Ttest P−value: 0.758
Adj. Ttest P−value: 0.652
oleB
0
5
10
15
20
25
In
Out
Post Patient

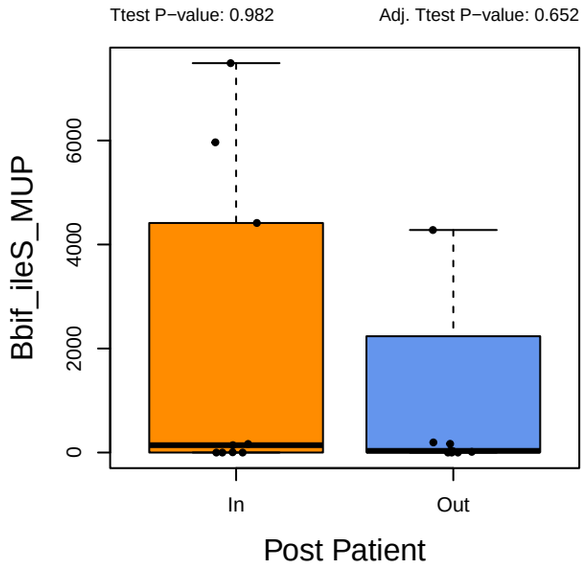

Ttest P−value: 0.549
Adj. Ttest P−value: 0.652
dfrC
0
5
10
15
20
25
30
In
Out
Post Patient

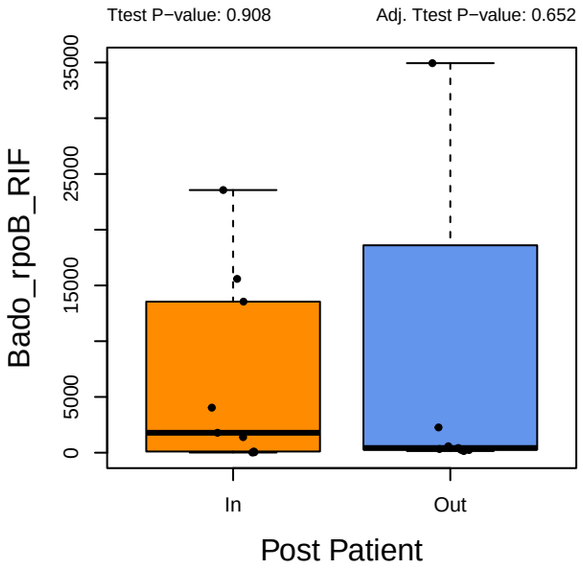

Ttest P−value: 0.0307
Adj. Ttest P−value: 0.652
tet(40)
0
500
1500
2500
3500
In
Out
Post Patient

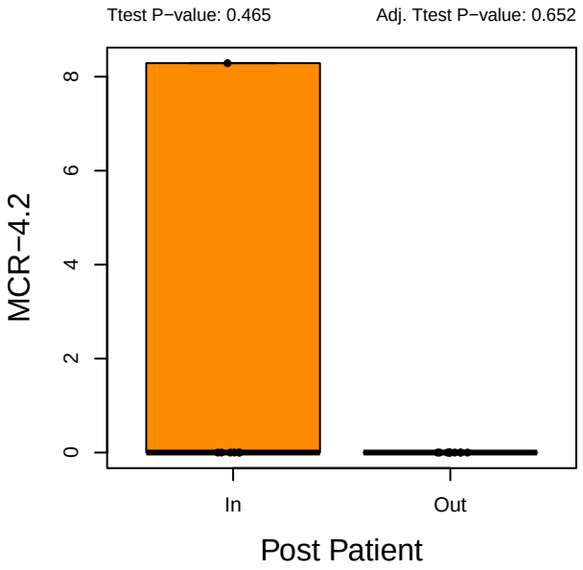

Ttest P−value: 0.517
Adj. Ttest P−value: 0.652
tet32
0
5000
10000
15000
20000
In
Out
Post Patient

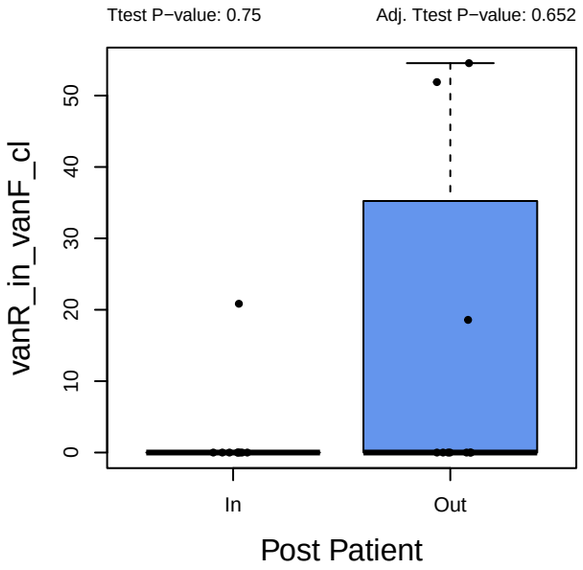

Ttest P−value: 0.168
Adj. Ttest P−value: 0.652
norA
0
5
10
15
20
In
Out
Post Patient

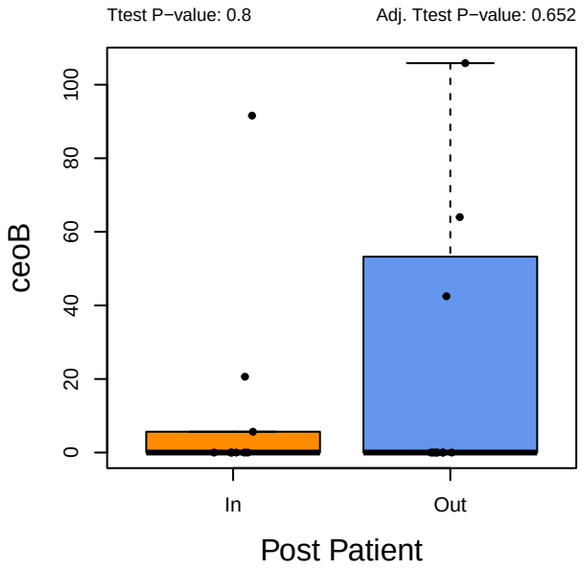

Ttest P−value: 0.407
Adj. Ttest P−value: 0.652
vanH_in_vanD_cl
0
50
100
150
In
Out
Post Patient

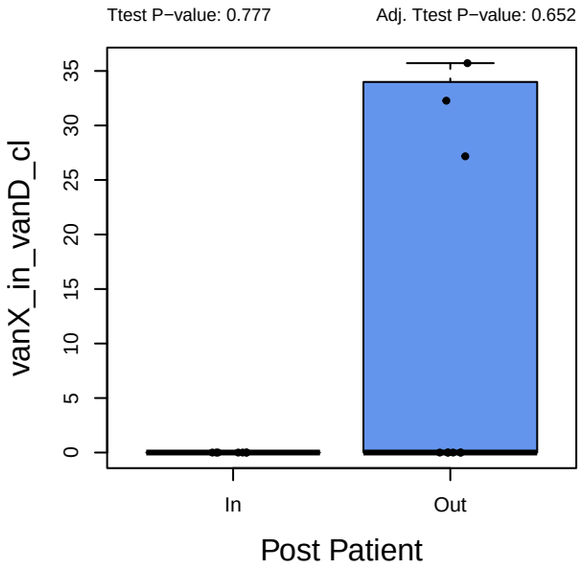

Ttest P−value: 0.982
Adj. Ttest P−value: 0.652
Bbif_ileS_MUP
0
2000
4000
6000
In
Out
Post Patient

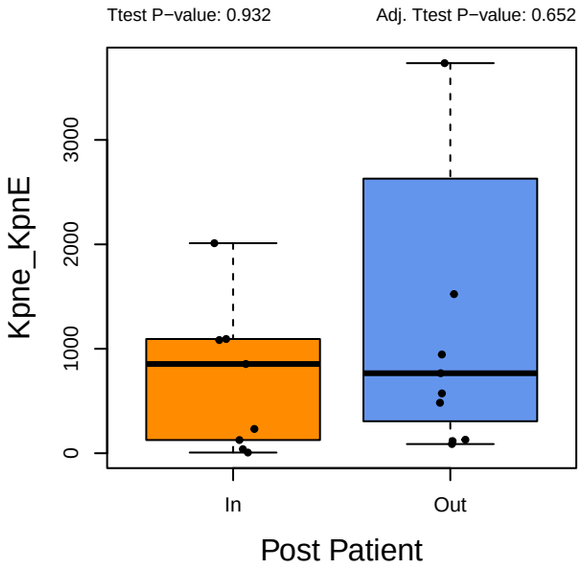

Ttest P−value: 0.908
Adj. Ttest P−value: 0.652
Bado_rpoB_RIF
0
5000
15000
25000
35000
In
Out
Post Patient

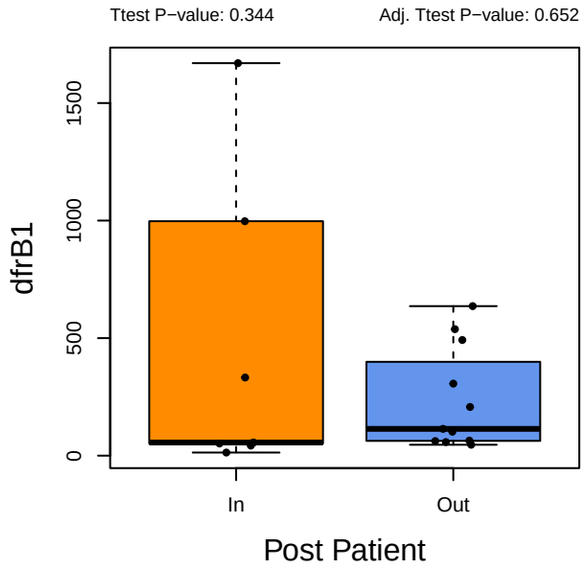

Ttest P−value: 0.465
Adj. Ttest P−value: 0.652
MCR−4.2
0
2
4
6
8
In
Out
Post Patient

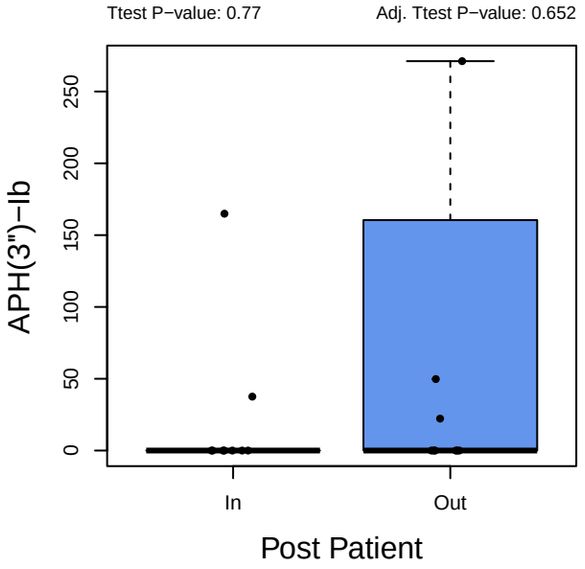

Ttest P−value: 0.75
Adj. Ttest P−value: 0.652
vanR_in_vanF_cl
0
10
20
30
40
50
In
Out
Post Patient

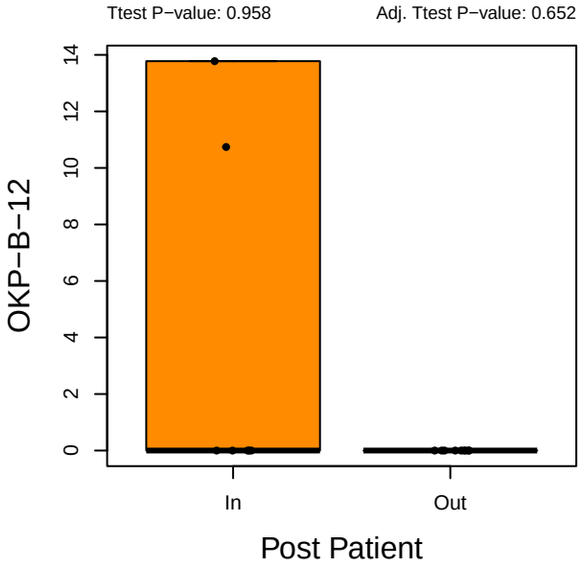

Ttest P−value: 0.8
Adj. Ttest P−value: 0.652
ceoB
0
20
40
60
80
100
In
Out
Post Patient

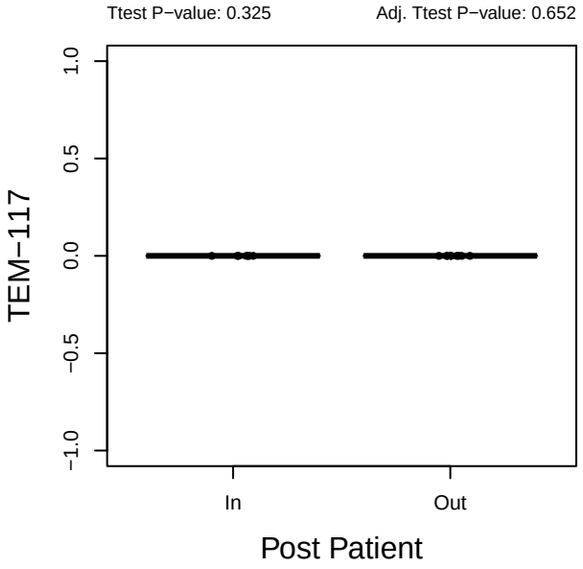

Ttest P−value: 0.777
Adj. Ttest P−value: 0.652
vanX_in_vanD_cl
0
5
10
15
20
25
30
35
In
Out
Post Patient

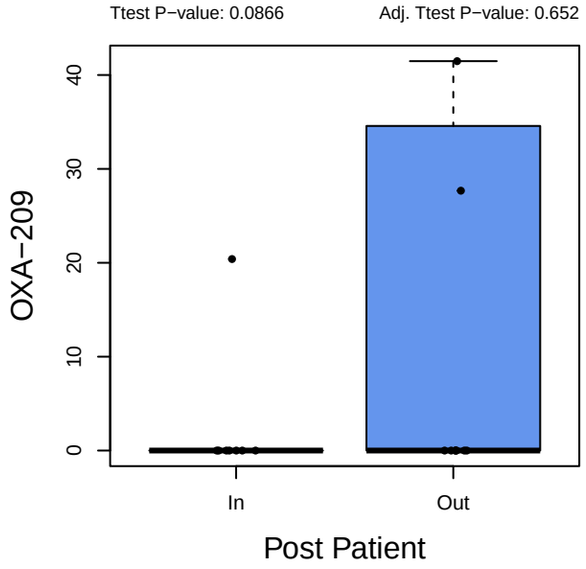

Ttest P−value: 0.932
Adj. Ttest P−value: 0.652
Kpne_KpnE
0
1000
2000
3000
In
Out
Post Patient

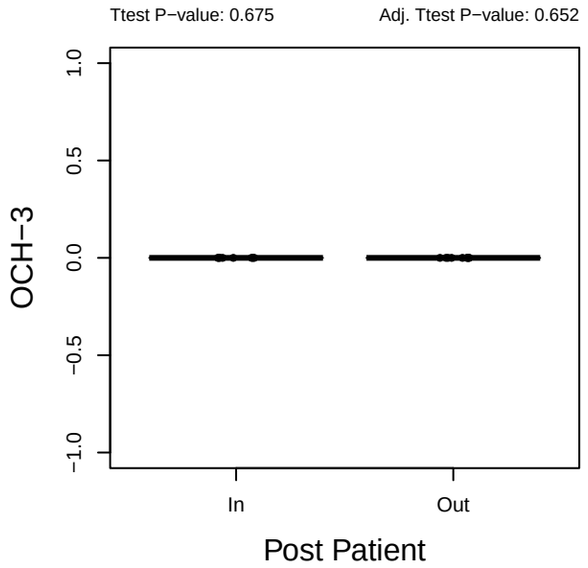

Ttest P−value: 0.344
Adj. Ttest P−value: 0.652
dfrB1
0
500
1000
1500
In
Out
Post Patient

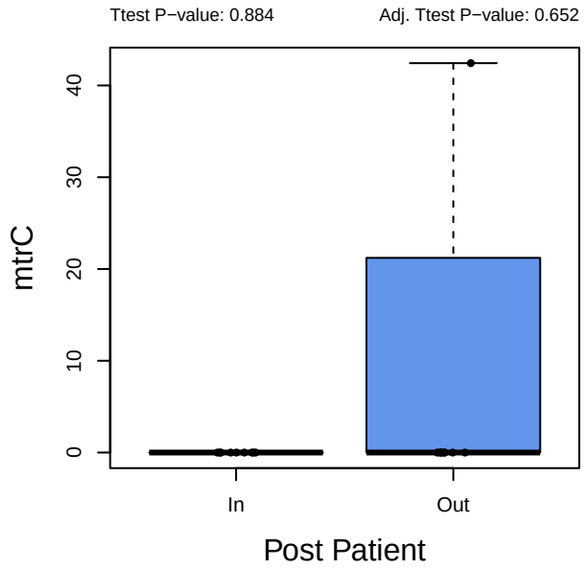

Ttest P−value: 0.77
Adj. Ttest P−value: 0.652
APH(3")−Ib
0
50
100
150
200
250
In
Out
Post Patient

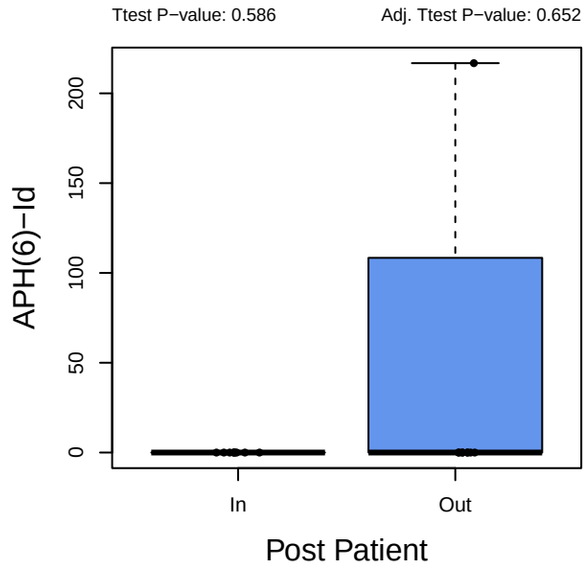

Ttest P−value: 0.958
Adj. Ttest P−value: 0.652
OKP−B−12
0
2
4
6
8
10
12
14
In
Out
Post Patient

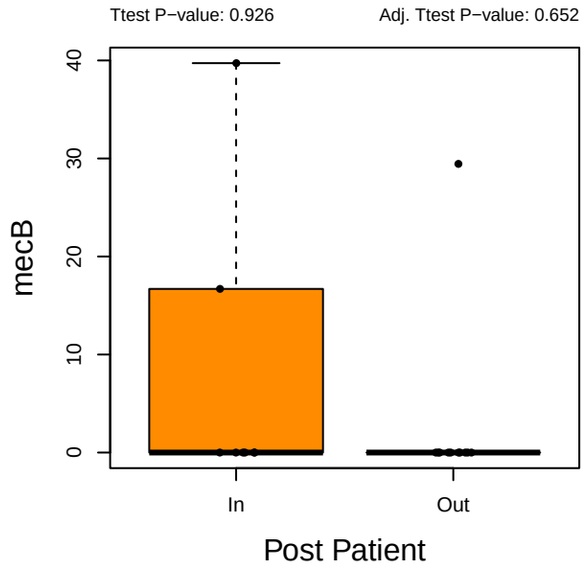

Ttest P−value: 0.325
Adj. Ttest P−value: 0.652
TEM−117
−1.0
−0.5
0.0
0.5
1.0
In
Out
Post Patient

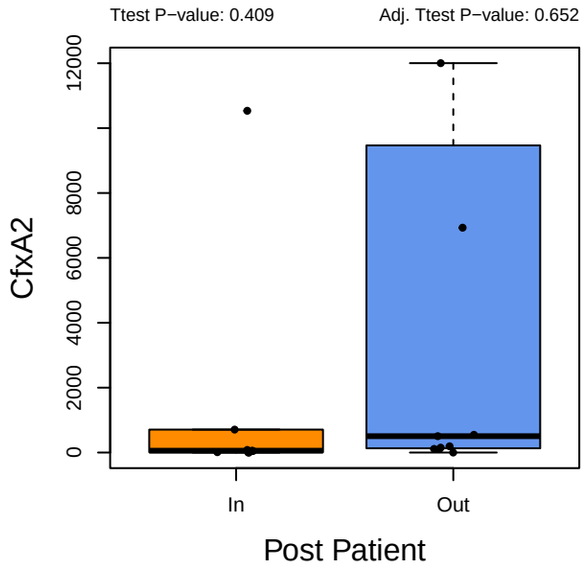

Ttest P−value: 0.0866
Adj. Ttest P−value: 0.652
OXA−209
0
10
20
30
40
In
Out
Post Patient

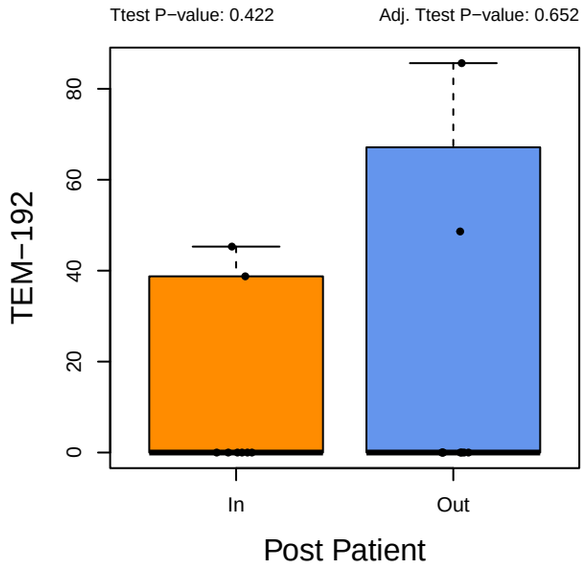

Ttest P−value: 0.675
Adj. Ttest P−value: 0.652
OCH−3
1.0
0.5
0.0
−0.5
−1.0
In
Out
Post Patient

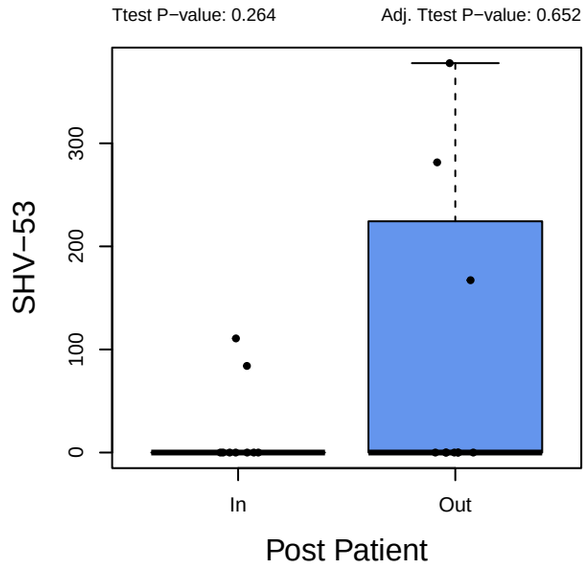

Ttest P−value: 0.884
Adj. Ttest P−value: 0.652
mtrC
40
30
20
10
0
In
Out
Post Patient

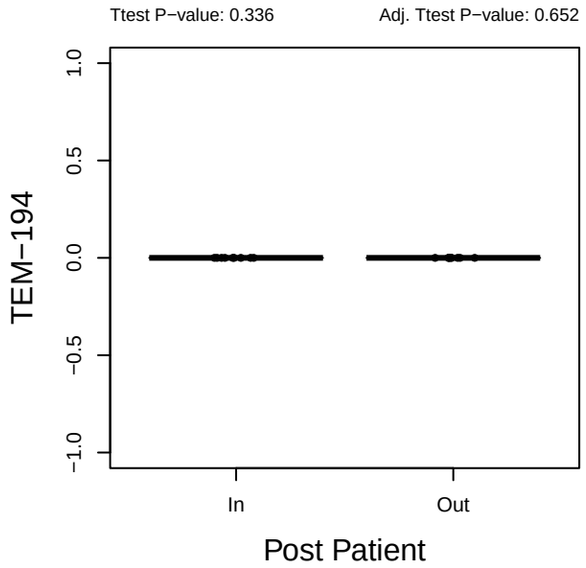

Ttest P−value: 0.586
Adj. Ttest P−value: 0.652
APH(6)−Id
200
150
100
50
0
In
Out
Post Patient

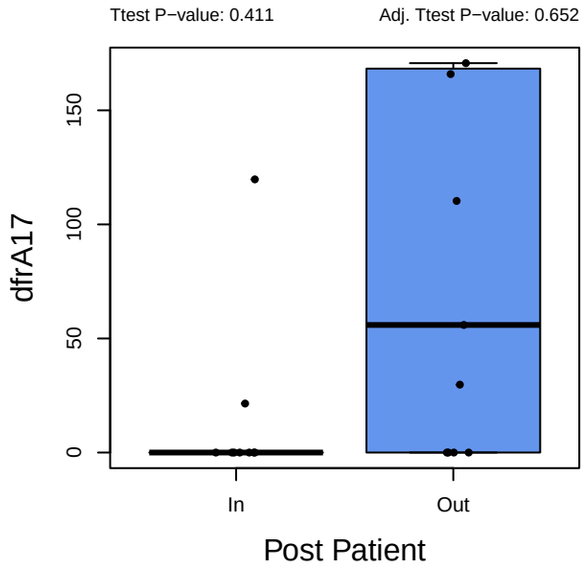

Ttest P−value: 0.926
Adj. Ttest P−value: 0.652
mecB
40
30
20
10
0
In
Out
Post Patient

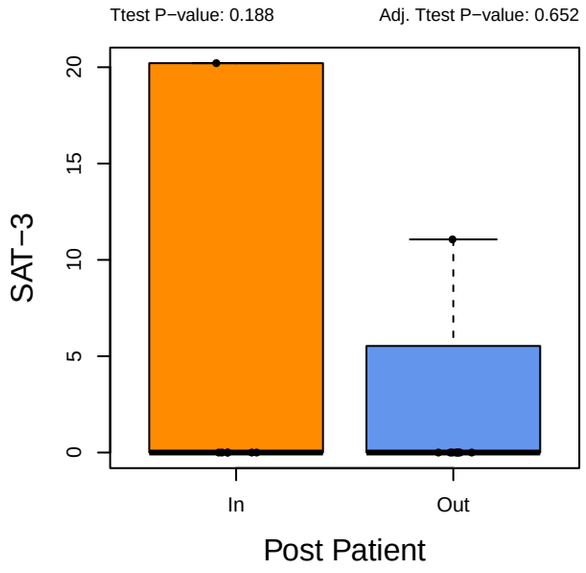

Ttest P−value: 0.409
Adj. Ttest P−value: 0.652
CfxA2
12000
8000
6000
4000
2000
0
In
Out
Post Patient

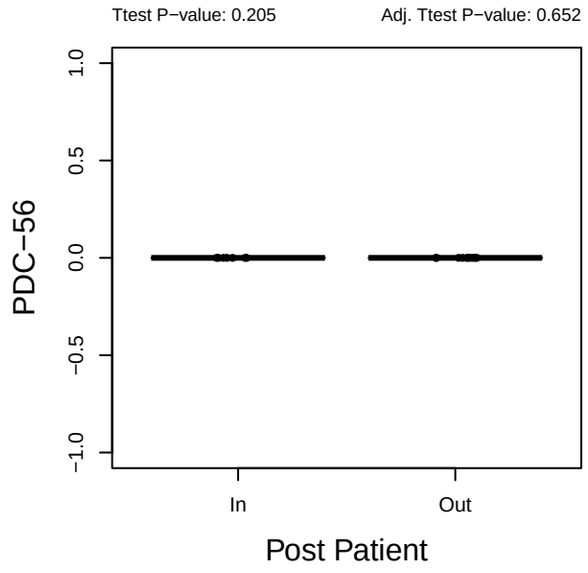

Ttest P−value: 0.422
Adj. Ttest P−value: 0.652
TEM−192
80
60
40
20
0
In
Out
Post Patient

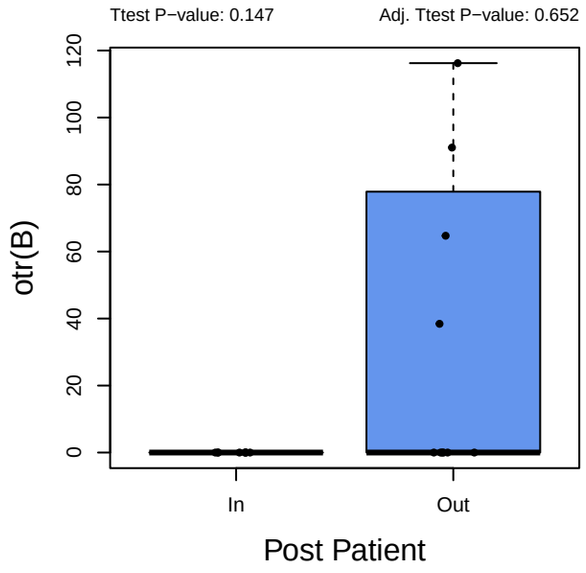

Ttest P−value: 0.264
Adj. Ttest P−value: 0.652
SHV−53
300
200
100
0
In
Out
Post Patient

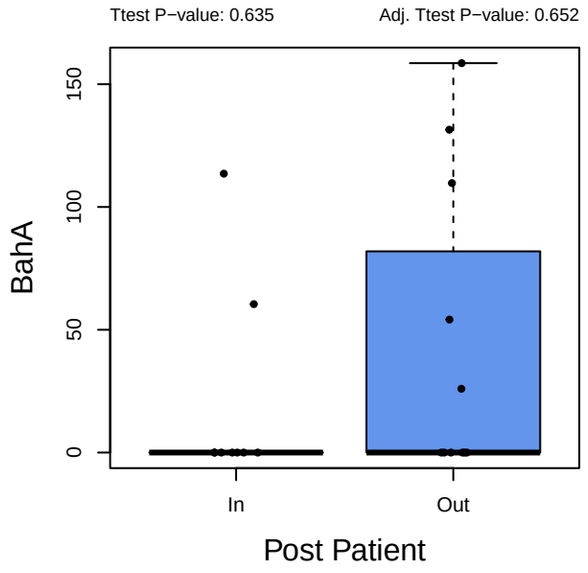

Ttest P−value: 0.336
Adj. Ttest P−value: 0.652
TEM−194
1.0
0.5
0.0
−0.5
−1.0
In
Out
Post Patient

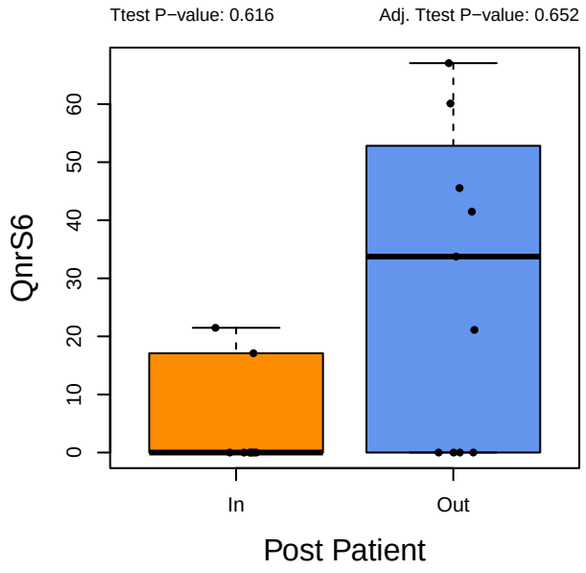

Ttest P−value: 0.411
Adj. Ttest P−value: 0.652
dfrA17
0
50
100
150
In
Out
Post Patient

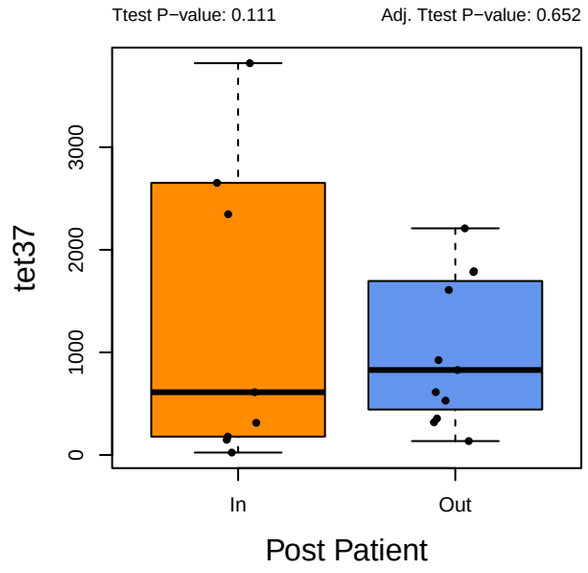

Ttest P−value: 0.188
Adj. Ttest P−value: 0.652
SAT−3
0
5
10
15
20
In
Out
Post Patient

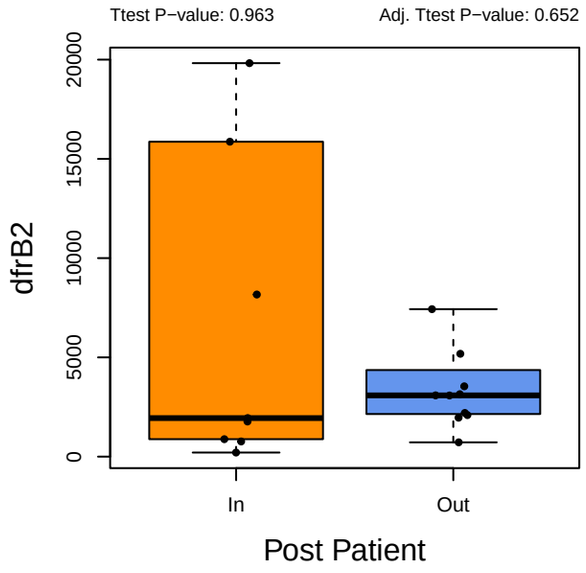

Ttest P−value: 0.205
Adj. Ttest P−value: 0.652
PDC−56
−1.0
−0.5
0.0
0.5
1.0
In
Out
Post Patient

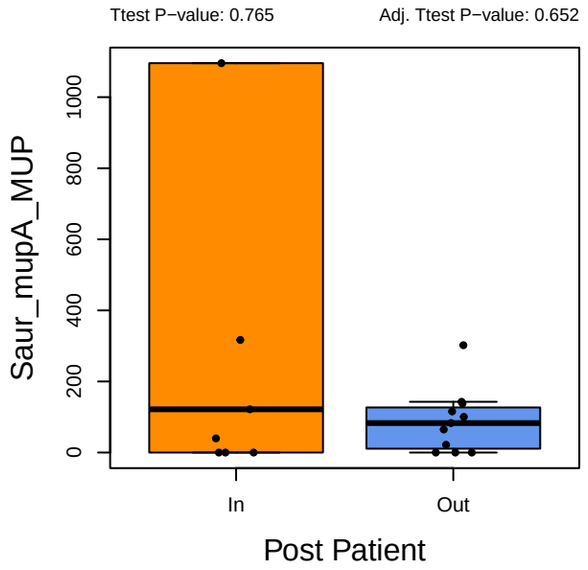

Ttest P−value: 0.147
Adj. Ttest P−value: 0.652
otr(B)
0
20
40
60
80
100
120
In
Out
Post Patient

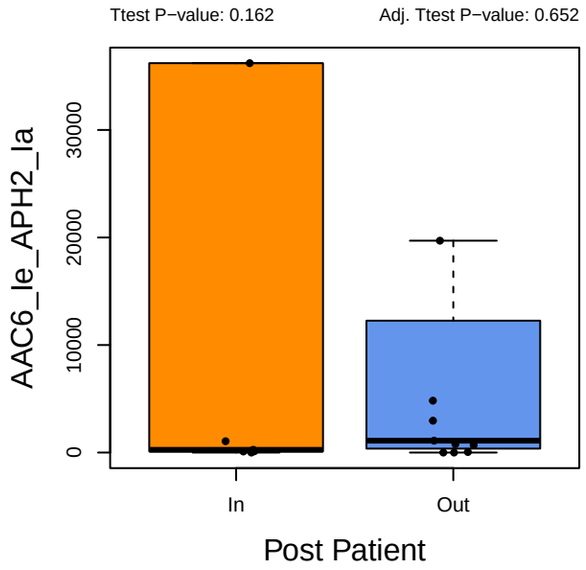

Ttest P−value: 0.635
Adj. Ttest P−value: 0.652
BahA
0
50
100
150
In
Out
Post Patient

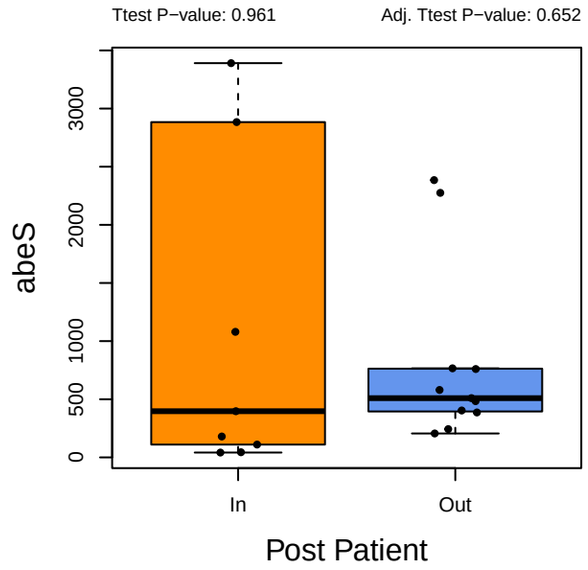

Ttest P−value: 0.616
Adj. Ttest P−value: 0.652
QnrS6
0
10
20
30
40
50
60
In
Out
Post Patient

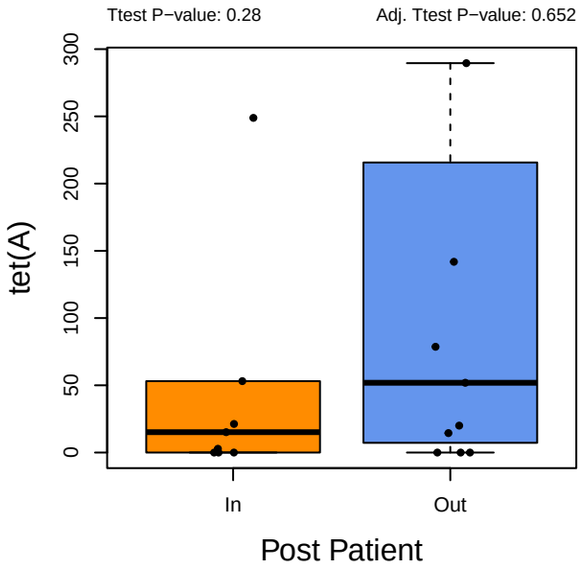

Ttest P−value: 0.111
Adj. Ttest P−value: 0.652
tet37
0
1000
2000
3000
In
Out
Post Patient

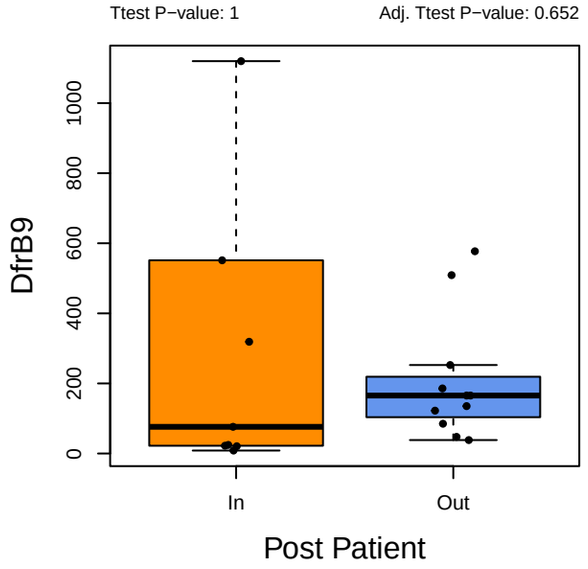

Ttest P−value: 0.963
Adj. Ttest P−value: 0.652
dfrB2
0
5000
10000
15000
20000
In
Out
Post Patient

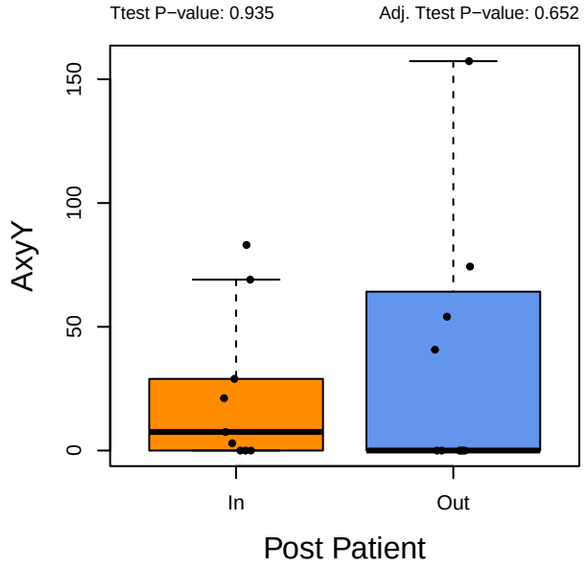

Ttest P−value: 0.765
Adj. Ttest P−value: 0.652
Saur_mupA_MUP
0
200
400
600
800
1000
In
Out
Post Patient

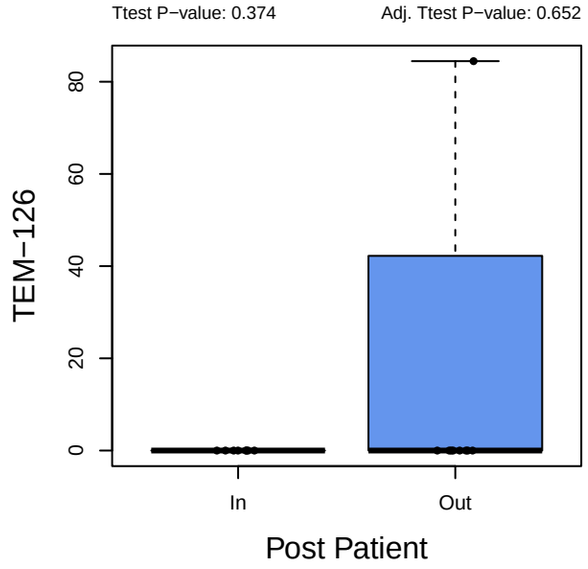

Ttest P−value: 0.162
Adj. Ttest P−value: 0.652
AAC6_Ie_APH2_Ia
0
10000
20000
30000
In
Out
Post Patient

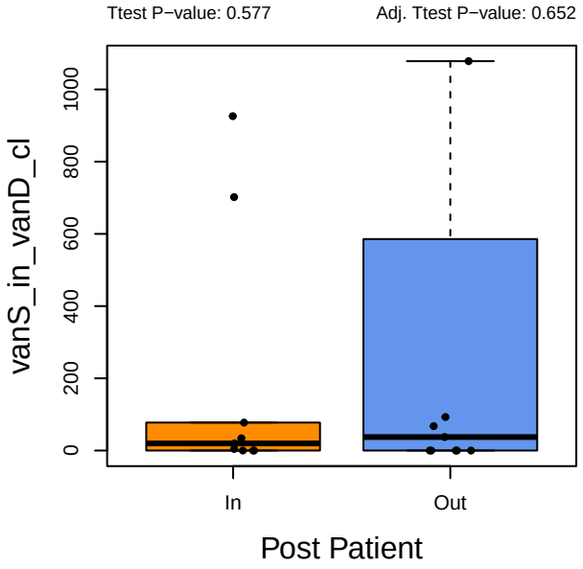

Ttest P−value: 0.961
Adj. Ttest P−value: 0.652
abeS
0
500
1000
2000
3000
In
Out
Post Patient

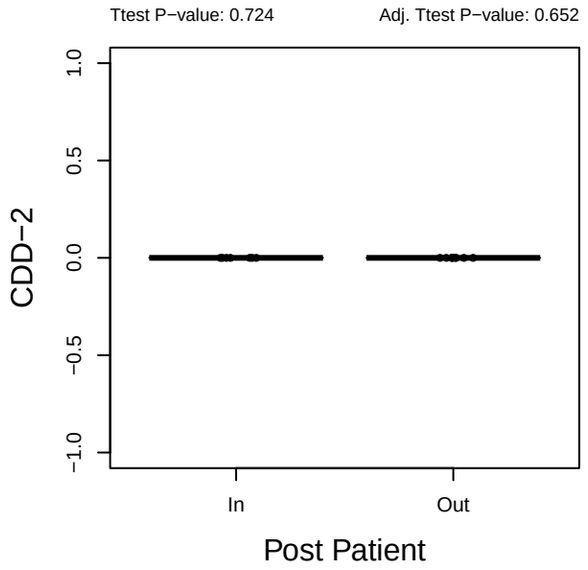

Ttest P−value: 0.28
Adj. Ttest P−value: 0.652
tet(A)
0
50
100
150
200
250
300
In
Out
Post Patient

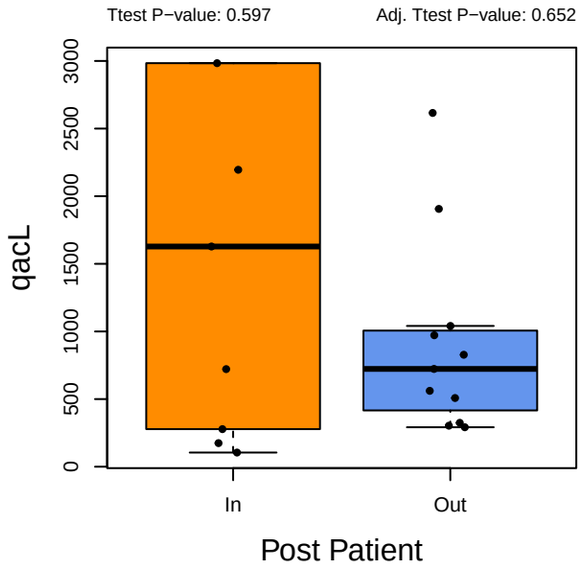

Ttest P−value: 1
Adj. Ttest P−value: 0.652
DfrB9
0
200
400
600
800
1000
In
Out
Post Patient

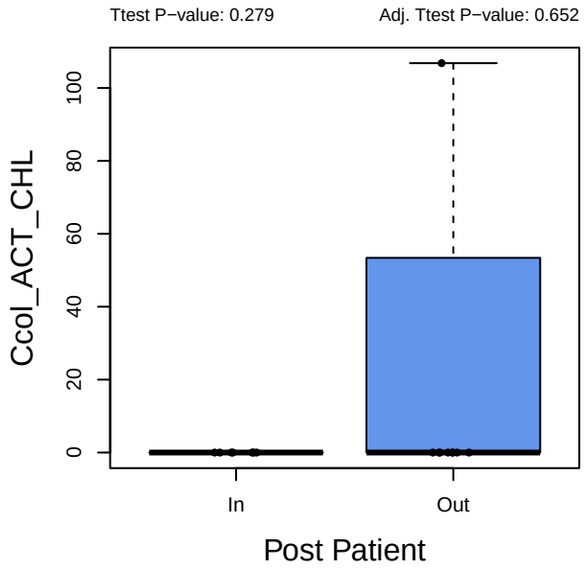

Ttest P−value: 0.935
Adj. Ttest P−value: 0.652
AxyY
0
50
100
150
In
Out
Post Patient

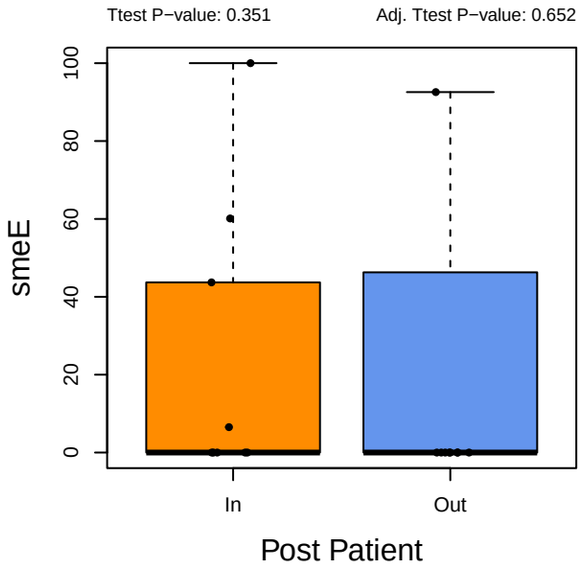

Ttest P−value: 0.374
Adj. Ttest P−value: 0.652
TEM−126
0
20
40
60
80
In
Out
Post Patient

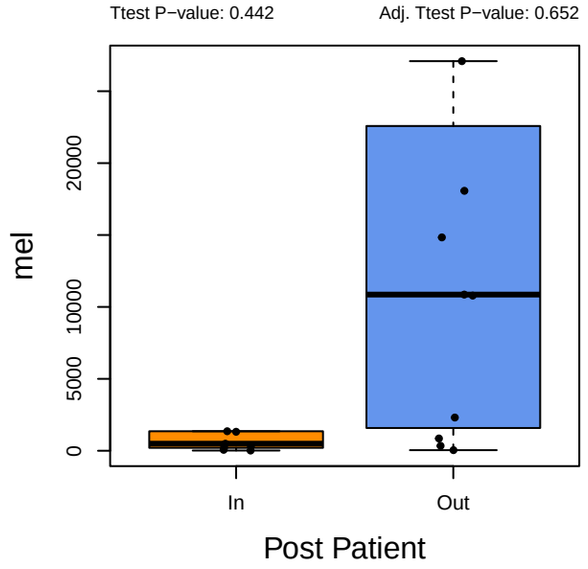

Ttest P−value: 0.577
Adj. Ttest P−value: 0.652
vanS_in_vanD_cl
0
200
400
600
800
1000
In
Out
Post Patient

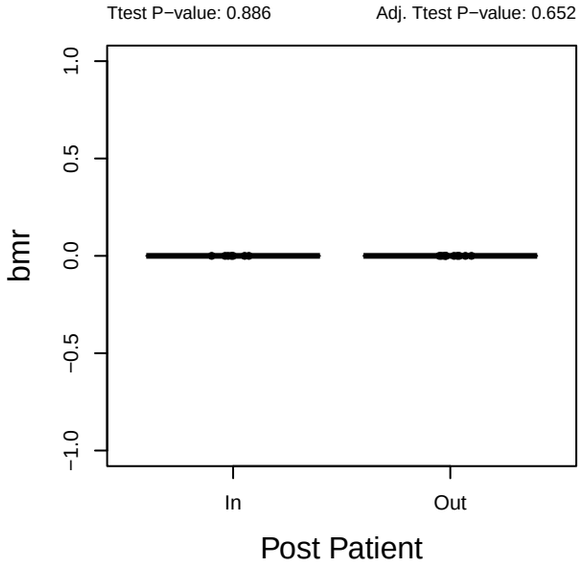

Ttest P−value: 0.724
Adj. Ttest P−value: 0.652
CDD−2
1.0
0.5
0.0
−0.5
−1.0
In
Out
Post Patient

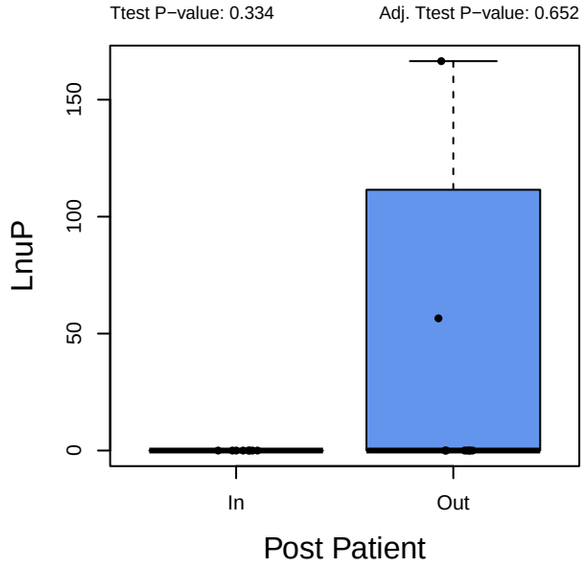

Ttest P−value: 0.597
Adj. Ttest P−value: 0.652
qacL
3000
2500
2000
1500
1000
500
0
In
Out
Post Patient

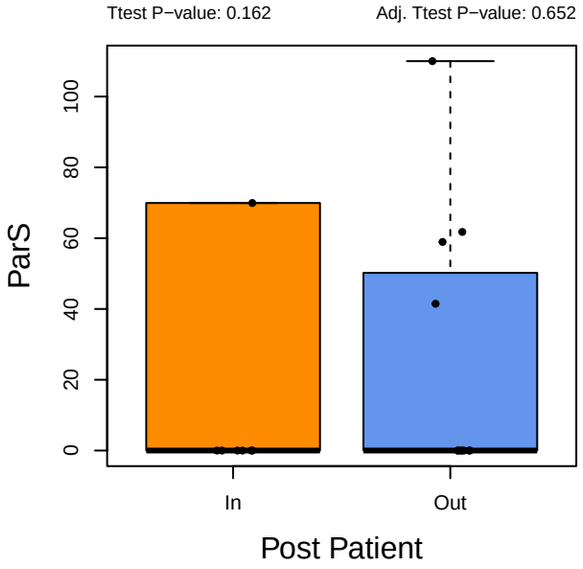

Ttest P−value: 0.279
Adj. Ttest P−value: 0.652
Ccol_ACT_CHL
100
80
60
40
20
0
In
Out
Post Patient

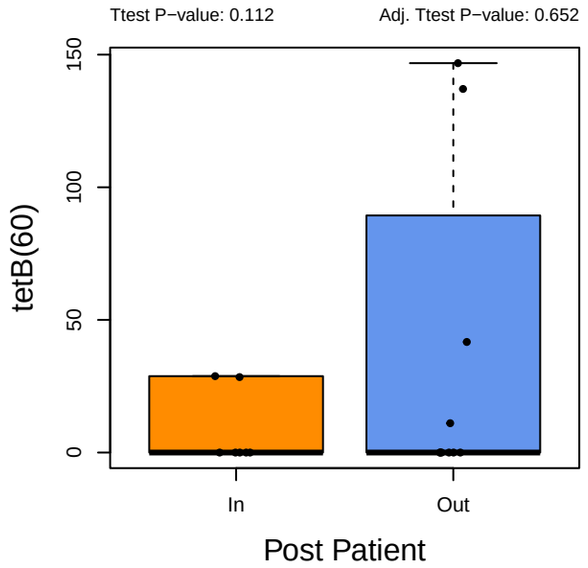

Ttest P−value: 0.351
Adj. Ttest P−value: 0.652
smeE
100
80
60
40
20
0
In
Out
Post Patient

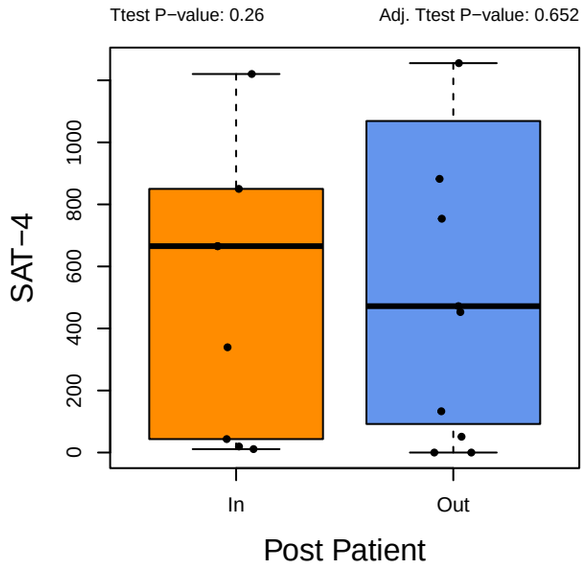

Ttest P−value: 0.442
Adj. Ttest P−value: 0.652
mel
20000
10000
5000
0
In
Out
Post Patient

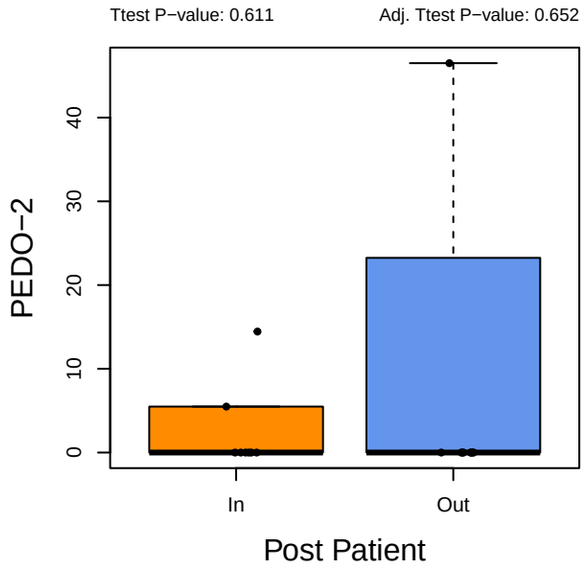

Ttest P−value: 0.886
Adj. Ttest P−value: 0.652
bmr
1.0
0.5
0.0
−0.5
−1.0
In
Out
Post Patient

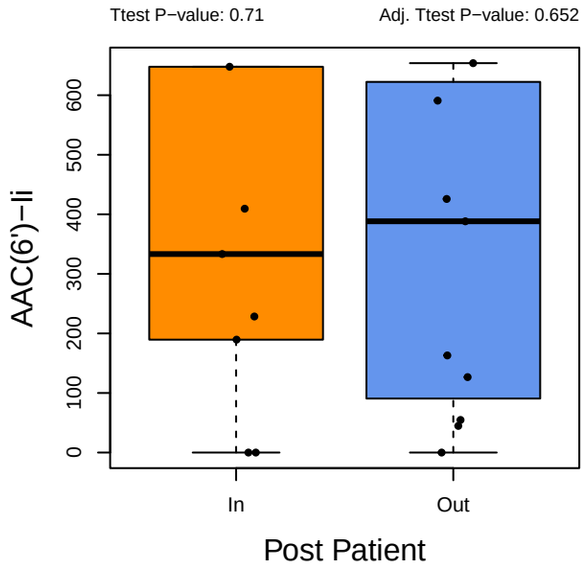

Ttest P−value: 0.334
Adj. Ttest P−value: 0.652
LnuP
150
100
50
0
In
Out
Post Patient

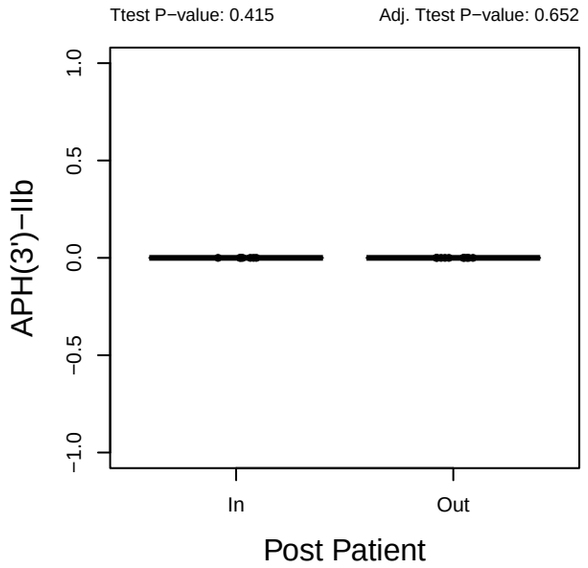

Ttest P−value: 0.162
Adj. Ttest P−value: 0.652
ParS
100
80
60
40
20
0
In
Out
Post Patient

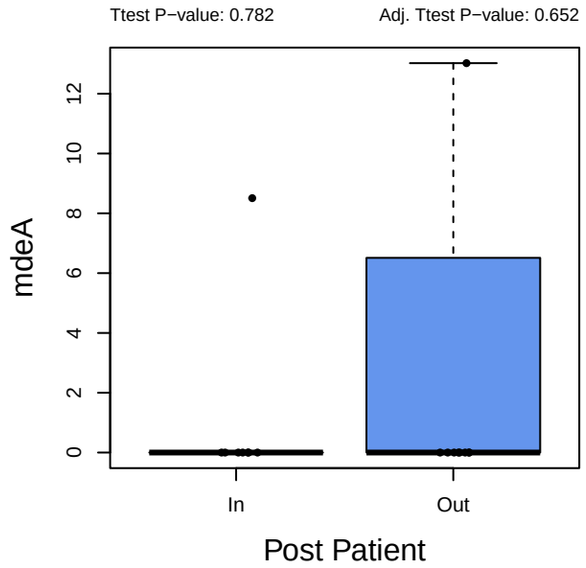

Ttest P−value: 0.112
Adj. Ttest P−value: 0.652
tetB(60)
0
50
100
150
In
Out
Post Patient

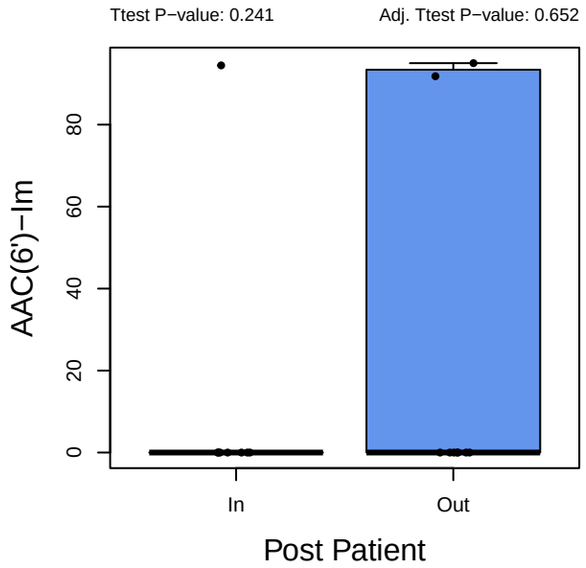

Ttest P−value: 0.26
Adj. Ttest P−value: 0.652
SAT−4
0
200
400
600
800
1000
In
Out
Post Patient

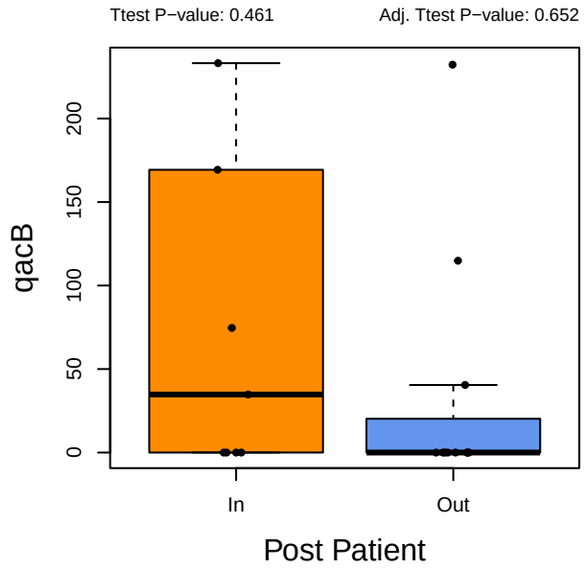

Ttest P−value: 0.611
Adj. Ttest P−value: 0.652
PEDO−2
0
10
20
30
40
In
Out
Post Patient

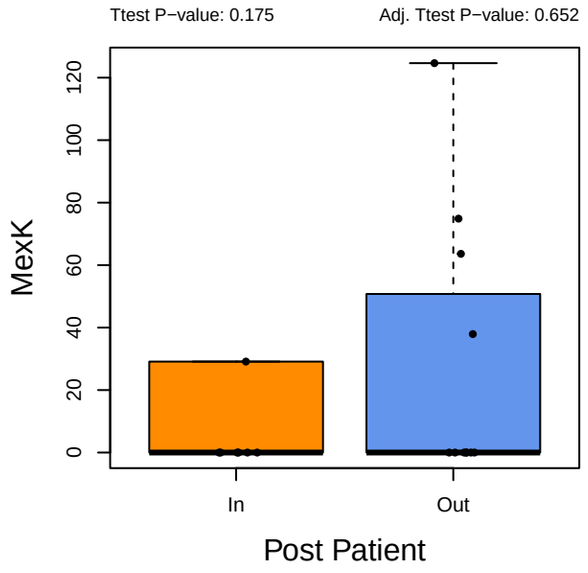

Ttest P−value: 0.71
Adj. Ttest P−value: 0.652
AAC(6')−Ii
0
100
200
300
400
500
600
In
Out
Post Patient

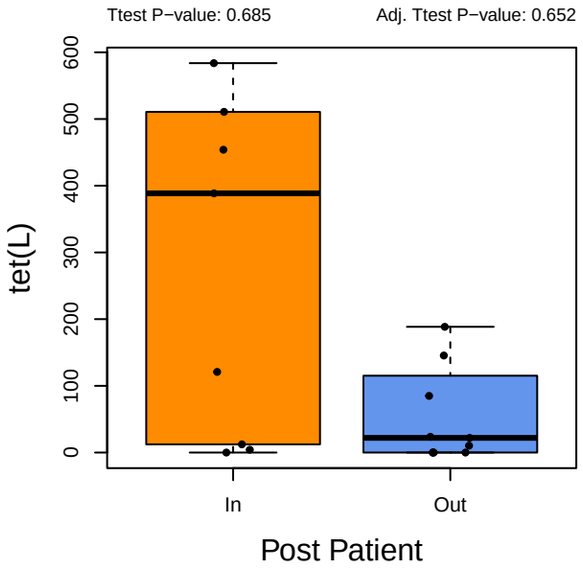

Ttest P−value: 0.415
Adj. Ttest P−value: 0.652
APH(3')−IIb
−1.0
−0.5
0.0
0.5
1.0
In
Out
Post Patient

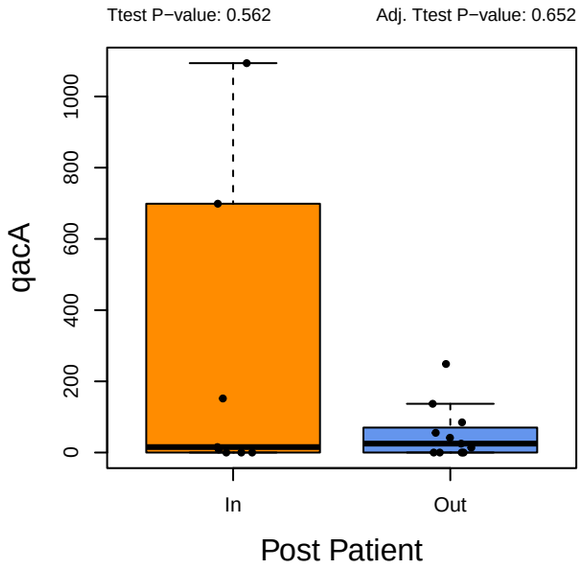

Ttest P−value: 0.782
Adj. Ttest P−value: 0.652
mdeA
0
2
4
6
8
10
12
In
Out
Post Patient

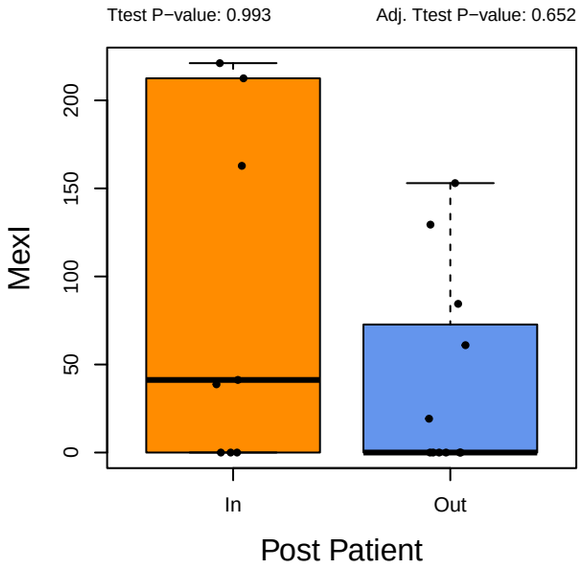

Ttest P−value: 0.241
Adj. Ttest P−value: 0.652
AAC(6')−Im
0
20
40
60
80
In
Out
Post Patient

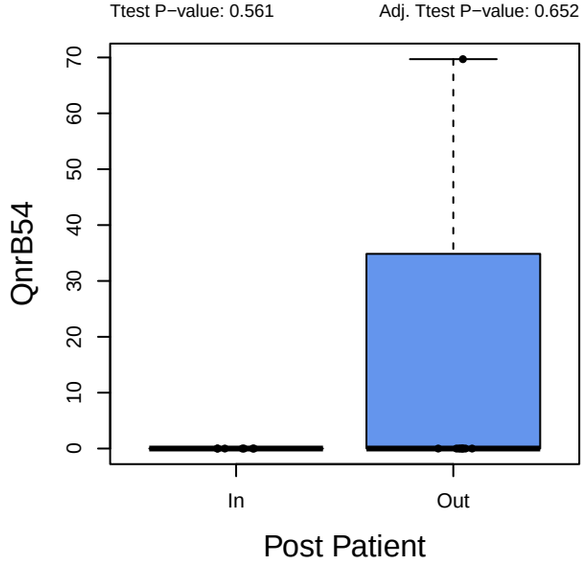

Ttest P−value: 0.461
Adj. Ttest P−value: 0.652
qacB
0
50
100
150
200
In
Out
Post Patient

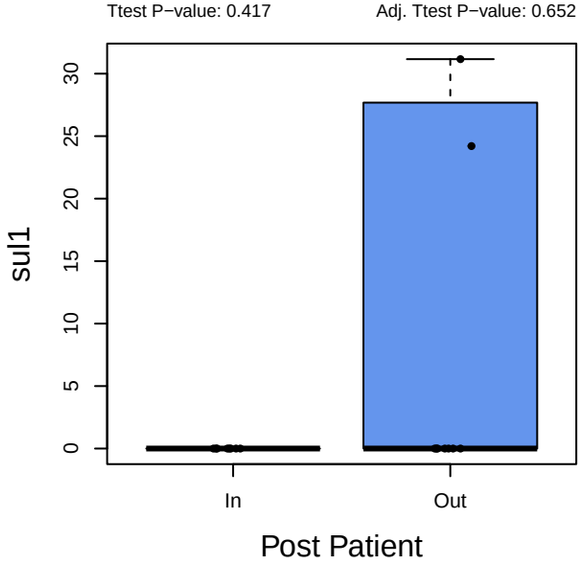

Ttest P−value: 0.175
Adj. Ttest P−value: 0.652
MexK
0
20
40
60
80
100
120
In
Out
Post Patient

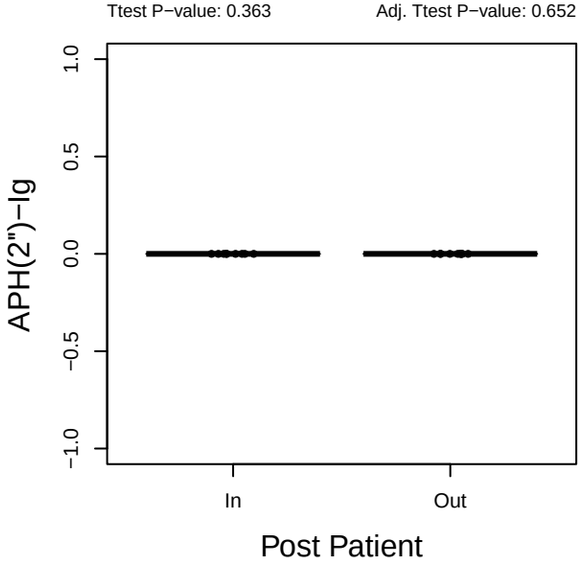

Ttest P−value: 0.685
Adj. Ttest P−value: 0.652
tet(L)
0
100
200
300
400
500
600
In
Out
Post Patient

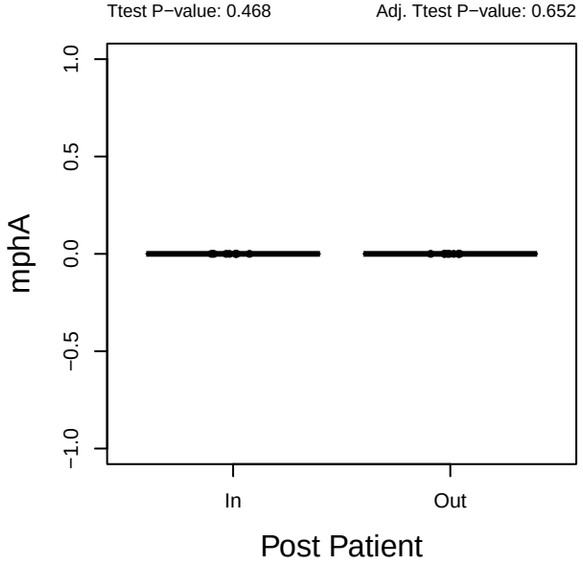

Ttest P−value: 0.562
Adj. Ttest P−value: 0.652
qacA
0
200
400
600
800
1000
In
Out
Post Patient

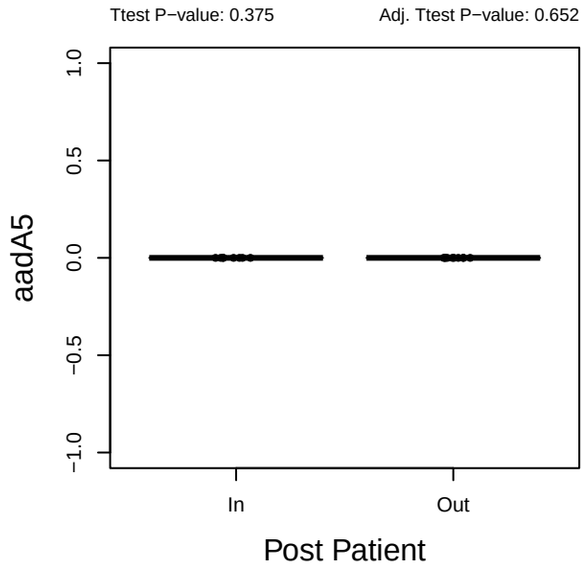

Ttest P−value: 0.993
Adj. Ttest P−value: 0.652
MexI
0
50
100
150
200
In
Out
Post Patient

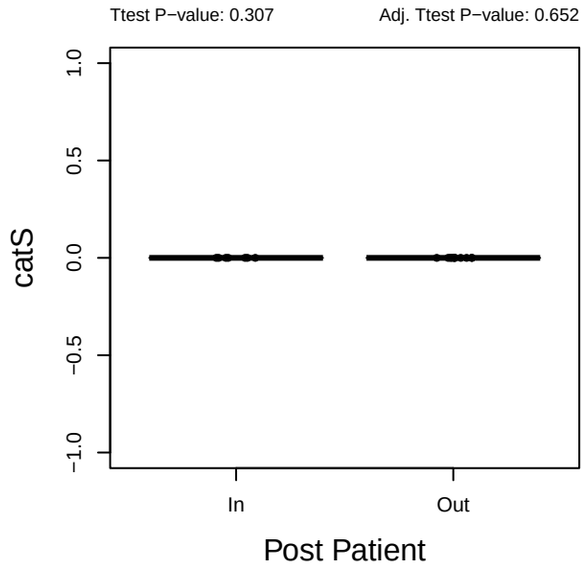

Ttest P−value: 0.561
Adj. Ttest P−value: 0.652
QnrB54
0
10
20
30
40
50
60
70
In
Out
Post Patient

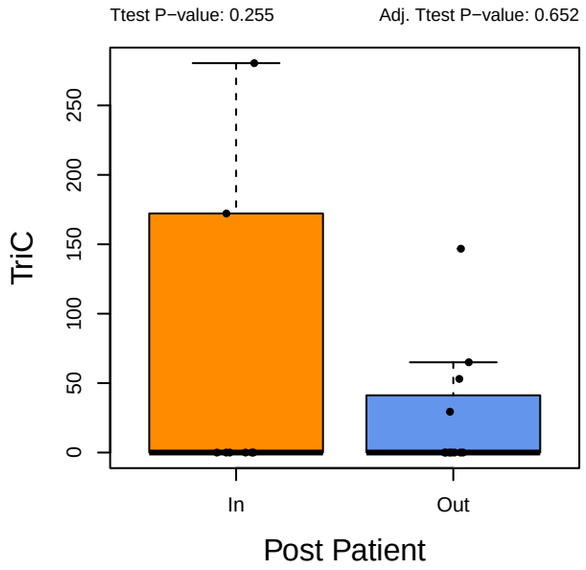

Ttest P−value: 0.417
Adj. Ttest P−value: 0.652
sul1
0
5
10
15
20
25
30
In
Out
Post Patient

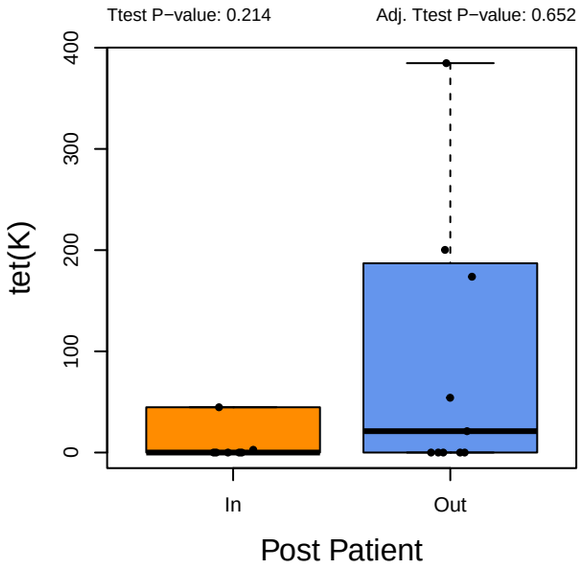

Ttest P−value: 0.363
Adj. Ttest P−value: 0.652
APH(2")−Ig
−1.0
−0.5
0.0
0.5
1.0
In
Out
Post Patient

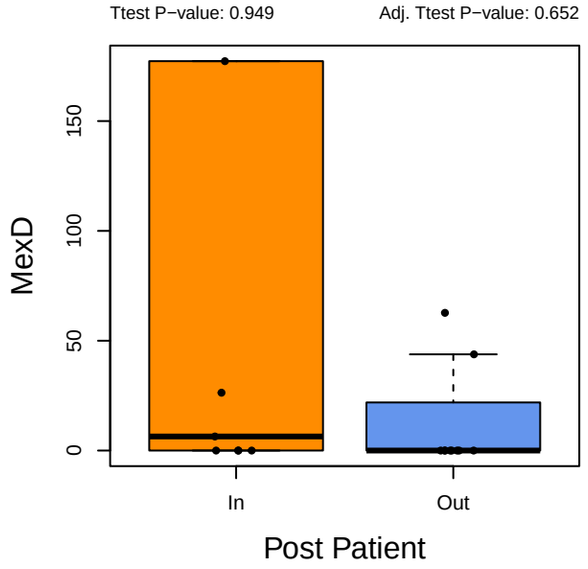

Ttest P−value: 0.468
Adj. Ttest P−value: 0.652
mphA
−1.0
−0.5
0.0
0.5
1.0
In
Out
Post Patient

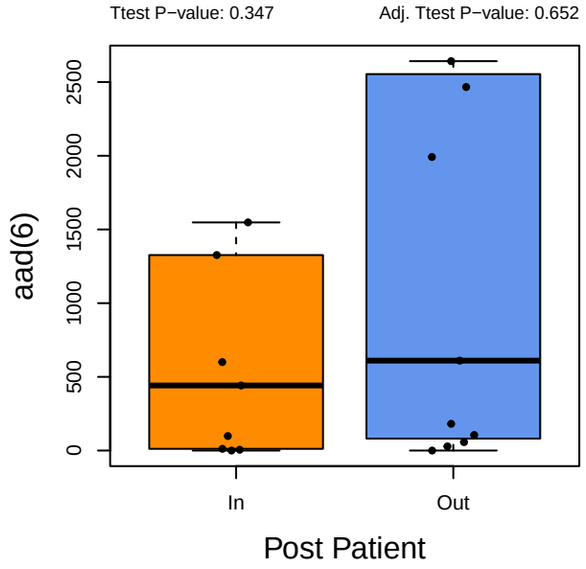

Ttest P−value: 0.375
Adj. Ttest P−value: 0.652
aadA5
1.0
0.5
0.0
−0.5
−1.0
In
Out
Post Patient

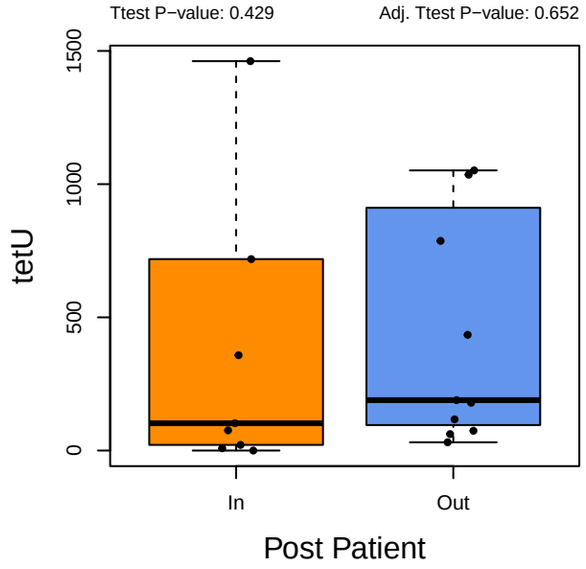

Ttest P−value: 0.307
Adj. Ttest P−value: 0.652
catS
1.0
0.5
0.0
−0.5
−1.0
In
Out
Post Patient

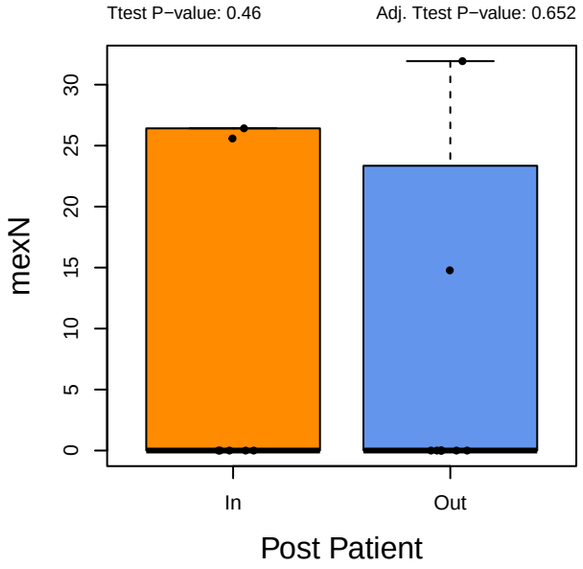

Ttest P−value: 0.255
Adj. Ttest P−value: 0.652
TriC
250
200
150
100
50
0
In
Out
Post Patient

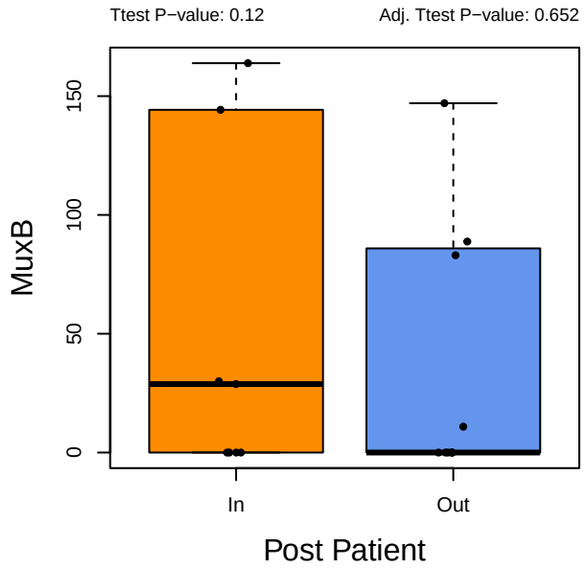

Ttest P−value: 0.214
Adj. Ttest P−value: 0.652
tet(K)
400
300
200
100
0
In
Out
Post Patient

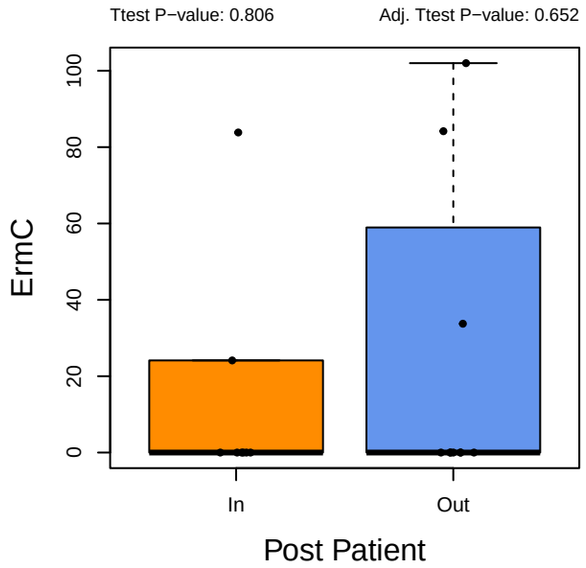

Ttest P−value: 0.949
Adj. Ttest P−value: 0.652
MexD
150
100
50
0
In
Out
Post Patient

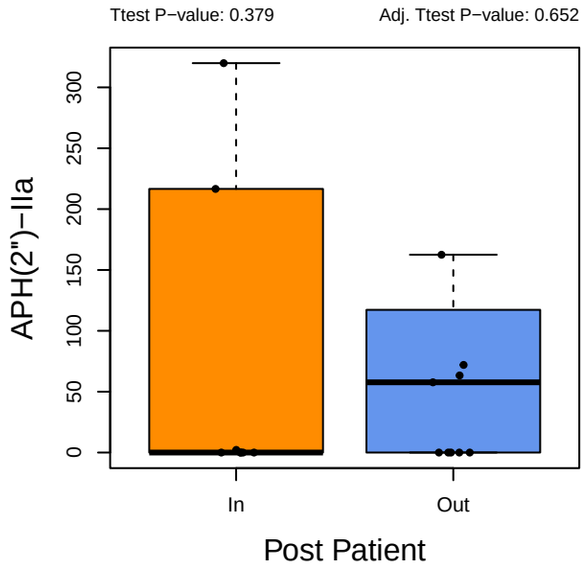

Ttest P−value: 0.347
Adj. Ttest P−value: 0.652
aad(6)
2500
2000
1500
1000
500
0
In
Out
Post Patient

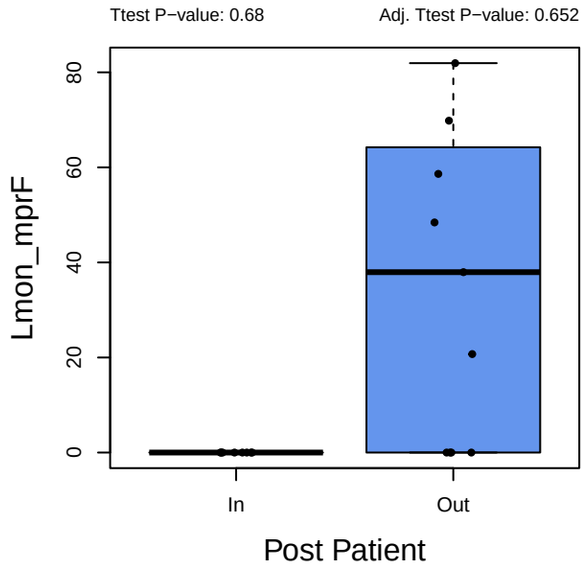

Ttest P−value: 0.429
Adj. Ttest P−value: 0.652
tetU
1500
1000
500
0
In
Out
Post Patient

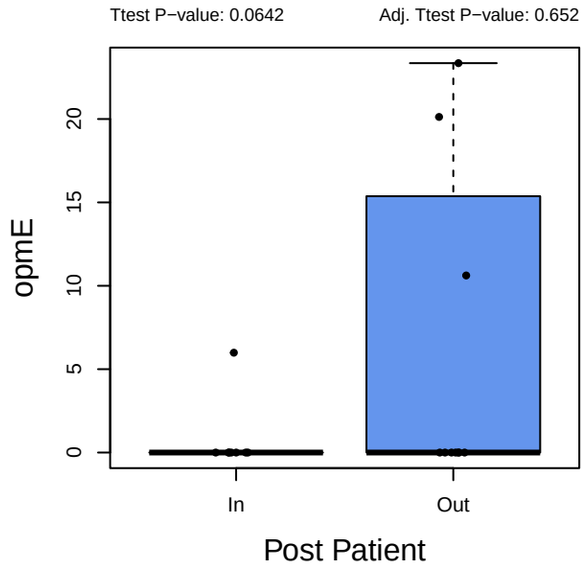

Ttest P−value: 0.46
Adj. Ttest P−value: 0.652
mexN
30
25
20
15
10
5
0
In
Out
Post Patient

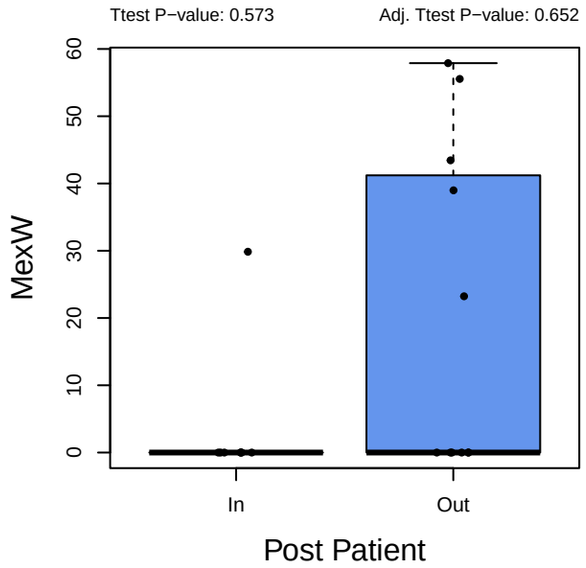

Ttest P−value: 0.12
Adj. Ttest P−value: 0.652
MuxB
0
50
100
150
In
Out
Post Patient

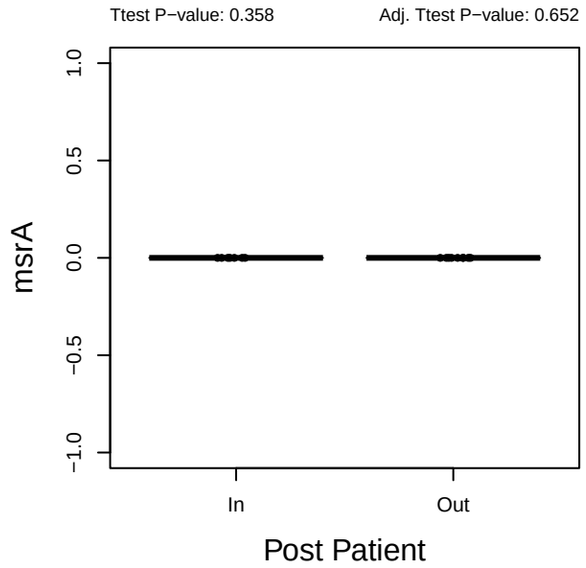

Ttest P−value: 0.806
Adj. Ttest P−value: 0.652
ErmC
0
20
40
60
80
100
In
Out
Post Patient

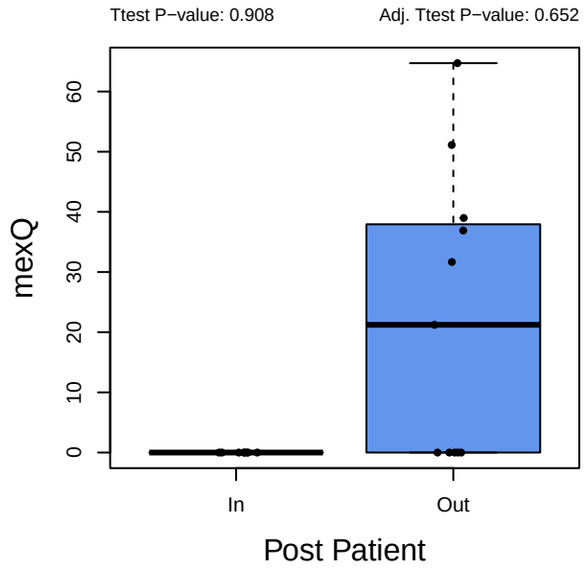

Ttest P−value: 0.379
Adj. Ttest P−value: 0.652
APH(2")−IIa
0
50
100
150
200
250
300
In
Out
Post Patient

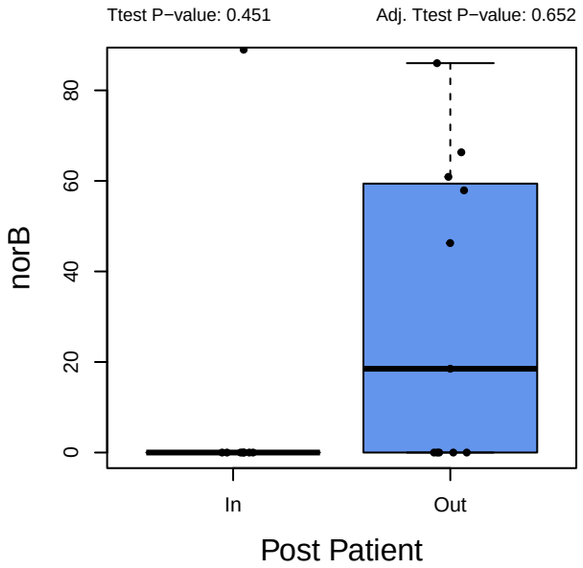

Ttest P−value: 0.68
Adj. Ttest P−value: 0.652
Lmon_mprF
0
20
40
60
80
In
Out
Post Patient

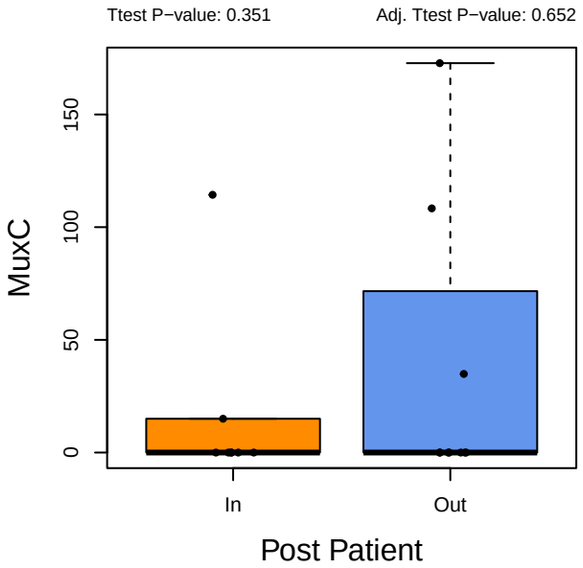

Ttest P−value: 0.0642
Adj. Ttest P−value: 0.652
opmE
0
5
10
15
20
In
Out
Post Patient

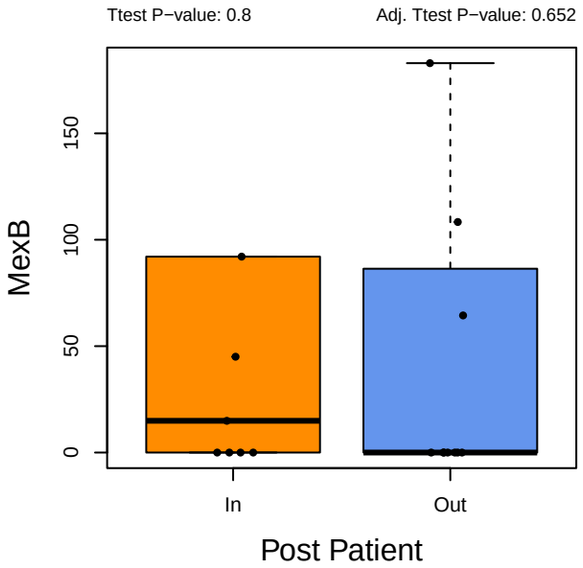

Ttest P−value: 0.573
Adj. Ttest P−value: 0.652
MexW
0
10
20
30
40
50
60
In
Out
Post Patient

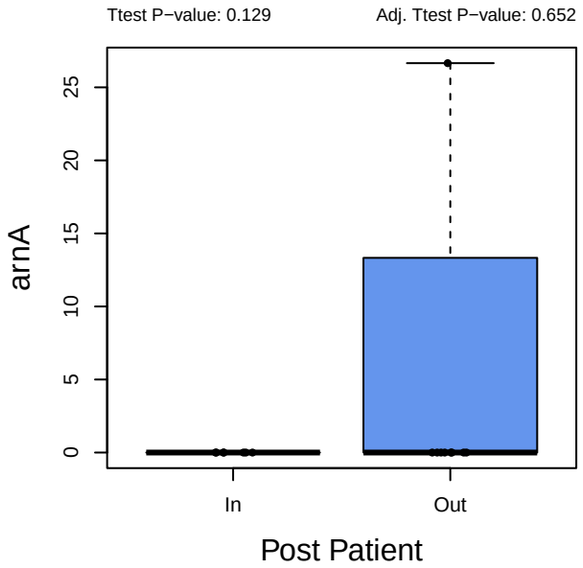

Ttest P−value: 0.358
Adj. Ttest P−value: 0.652
msrA
−1.0
−0.5
0.0
0.5
1.0
In
Out
Post Patient

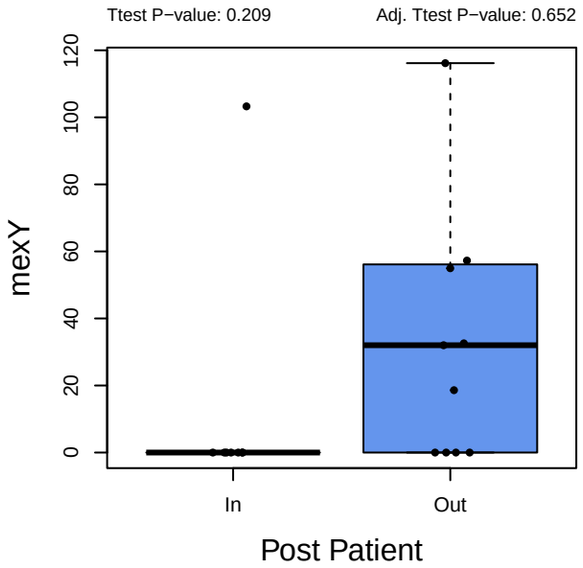

Ttest P−value: 0.908
Adj. Ttest P−value: 0.652
mexQ
0
10
20
30
40
50
60
In
Out
Post Patient

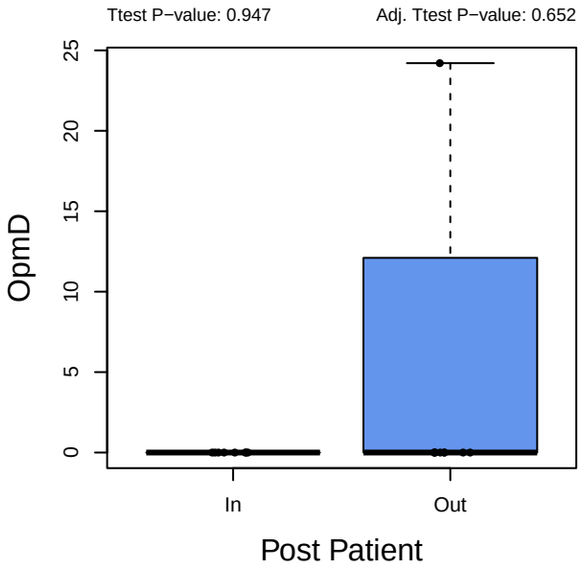

Ttest P−value: 0.451
Adj. Ttest P−value: 0.652
norB
0
20
40
60
80
In
Out
Post Patient

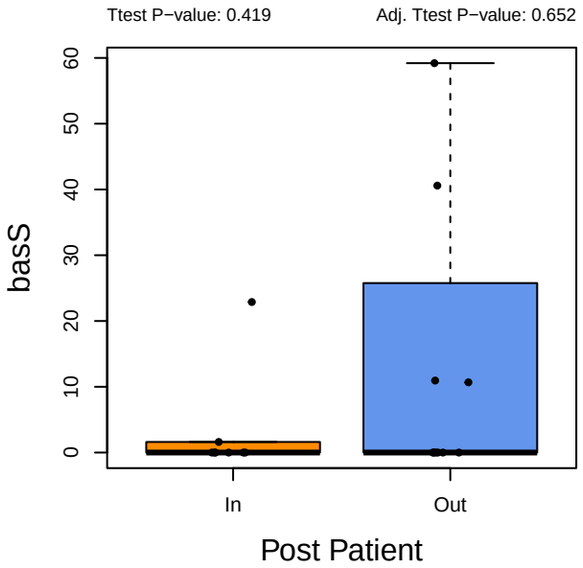

Ttest P−value: 0.351
Adj. Ttest P−value: 0.652
MuxC
0
50
100
150
In
Out
Post Patient

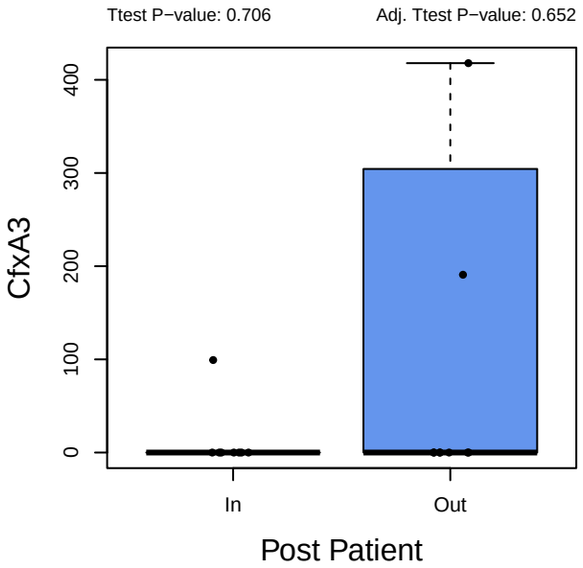

Ttest P−value: 0.8
Adj. Ttest P−value: 0.652
MexB
0
50
100
150
In
Out
Post Patient

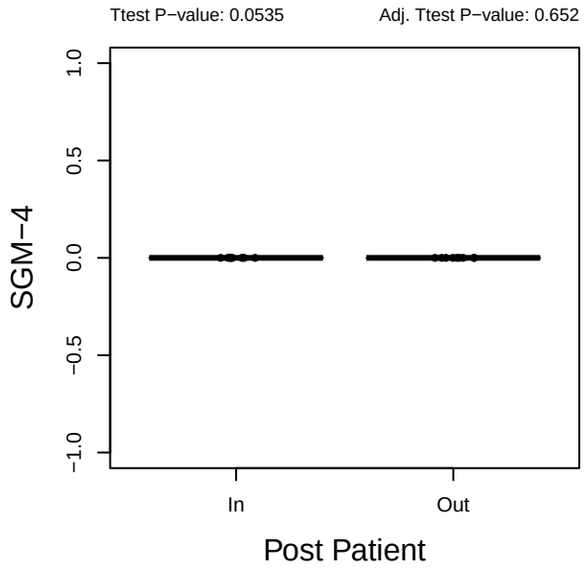

Ttest P−value: 0.129
Adj. Ttest P−value: 0.652
arnA
0
5
10
15
20
25
In
Out
Post Patient

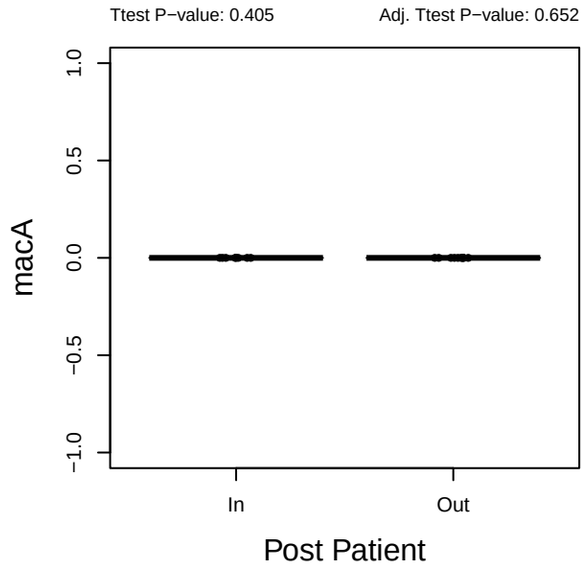

Ttest P−value: 0.209
Adj. Ttest P−value: 0.652
mexY
0
20
40
60
80
100
120
In
Out
Post Patient

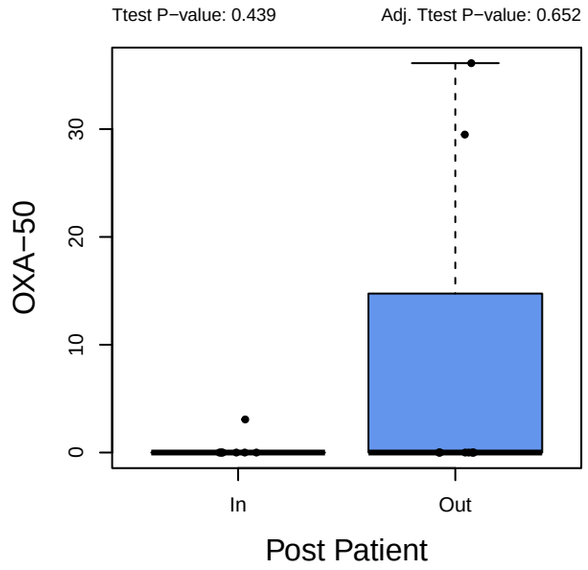

Ttest P−value: 0.947
Adj. Ttest P−value: 0.652
OpmD
0
5
10
15
20
25
In
Out
Post Patient

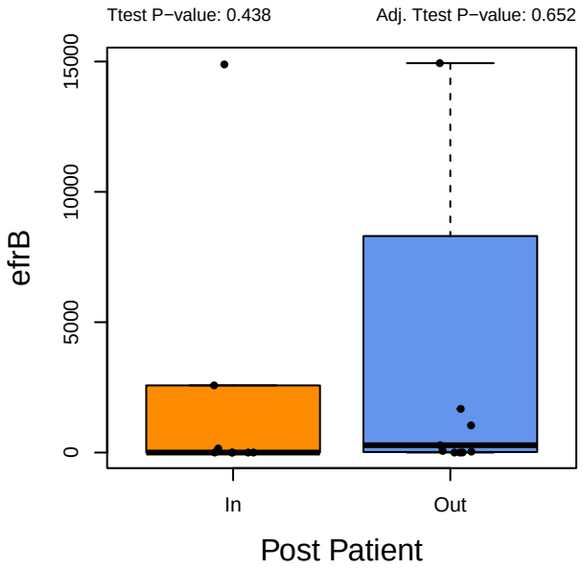

Ttest P−value: 0.419
Adj. Ttest P−value: 0.652
basS
0
10
20
30
40
50
60
In
Out
Post Patient

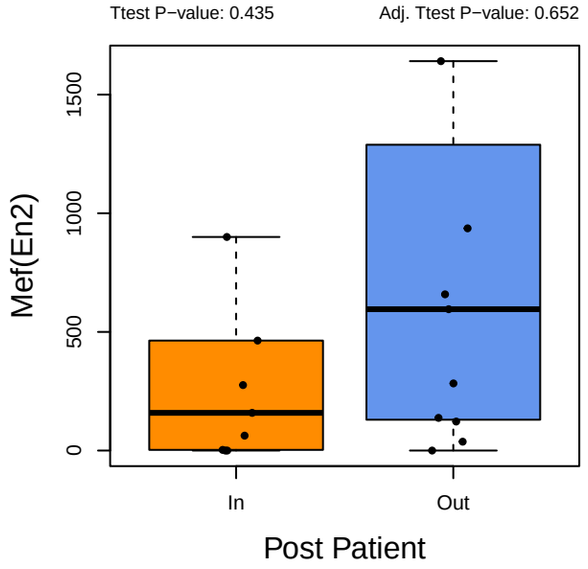

Ttest P−value: 0.706
Adj. Ttest P−value: 0.652
CfxA3
0
100
200
300
400
In
Out
Post Patient

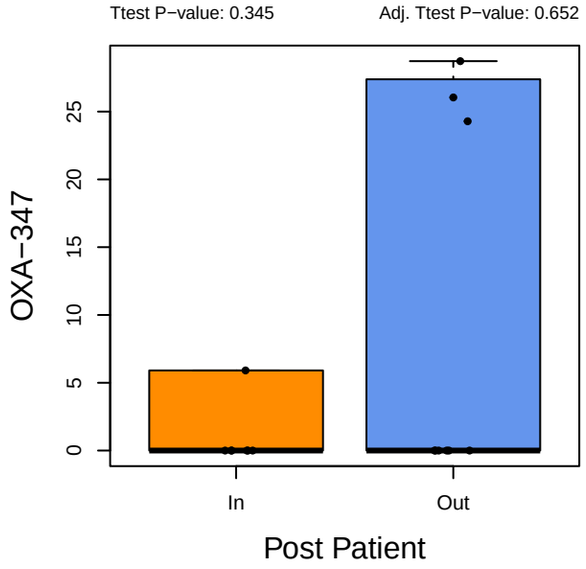

Ttest P−value: 0.0535
Adj. Ttest P−value: 0.652
SGM−4
1.0
0.5
0.0
−0.5
−1.0
In
Out
Post Patient

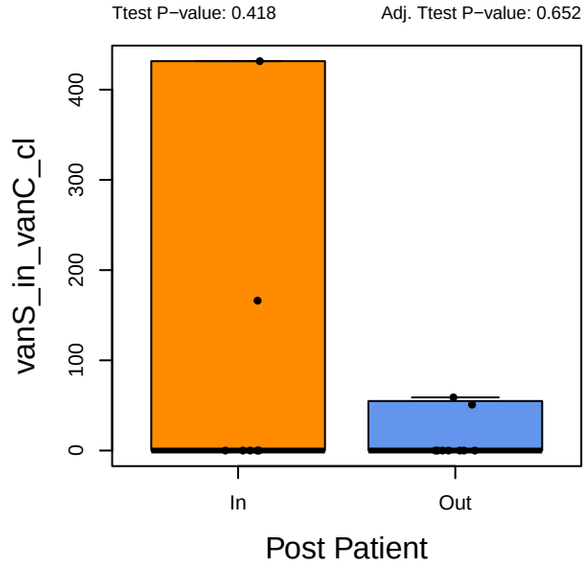

Ttest P−value: 0.405
Adj. Ttest P−value: 0.652
macA
1.0
0.5
0.0
−0.5
−1.0
In
Out
Post Patient

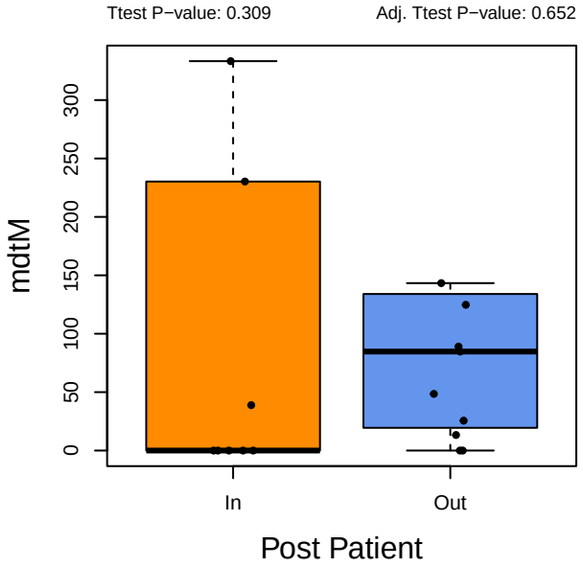

Ttest P−value: 0.439
Adj. Ttest P−value: 0.652
OXA−50
30
20
10
0
In
Out
Post Patient

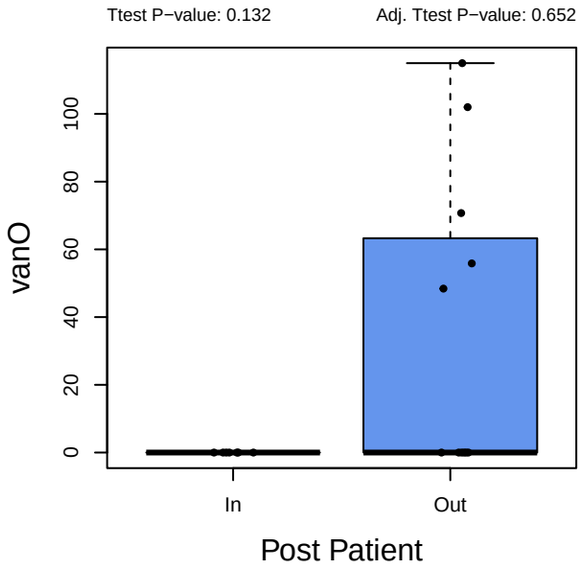

Ttest P−value: 0.438
Adj. Ttest P−value: 0.652
efrB
15000
10000
5000
0
In
Out
Post Patient

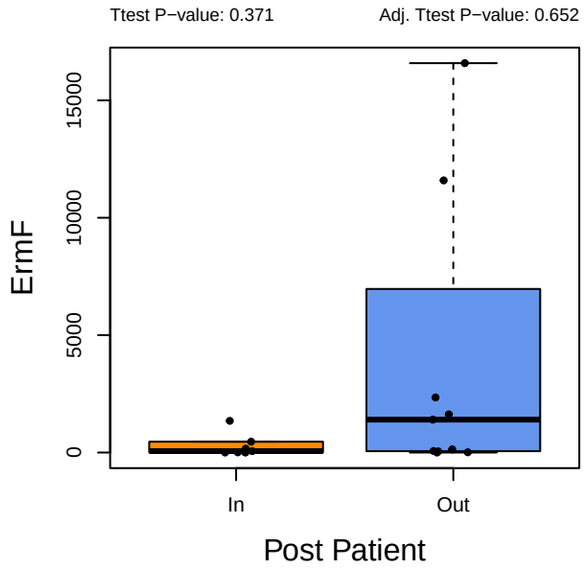

Ttest P−value: 0.435
Adj. Ttest P−value: 0.652
Mef(En2)
1500
1000
500
0
In
Out
Post Patient

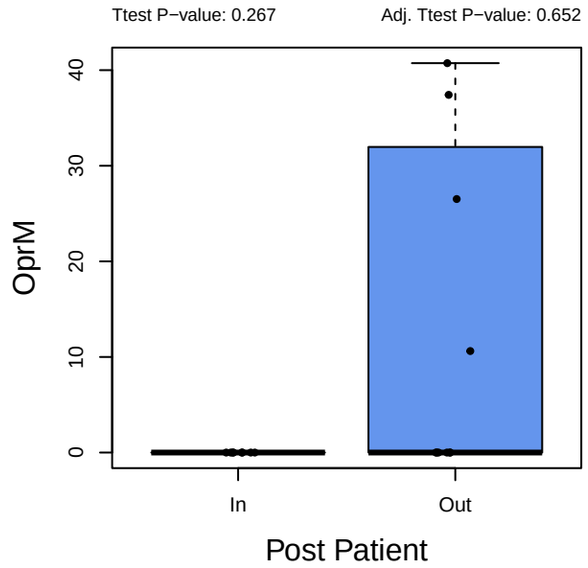

Ttest P−value: 0.345
Adj. Ttest P−value: 0.652
OXA−347
25
20
15
10
5
0
In
Out
Post Patient

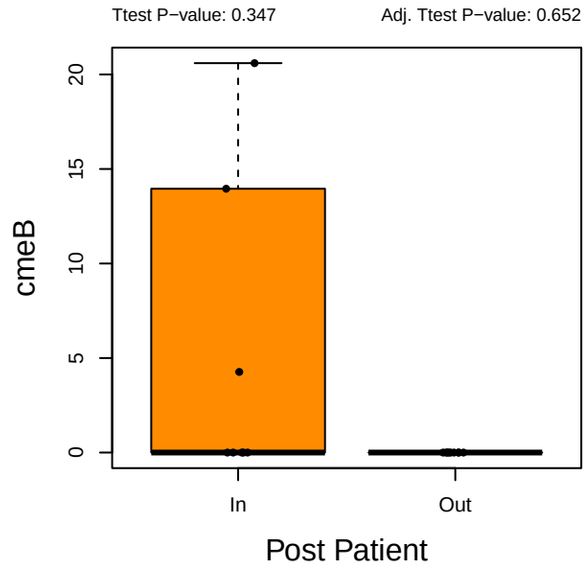

Ttest P−value: 0.418
Adj. Ttest P−value: 0.652
vanS_in_vanC_cl
400
300
200
100
0
In
Out
Post Patient

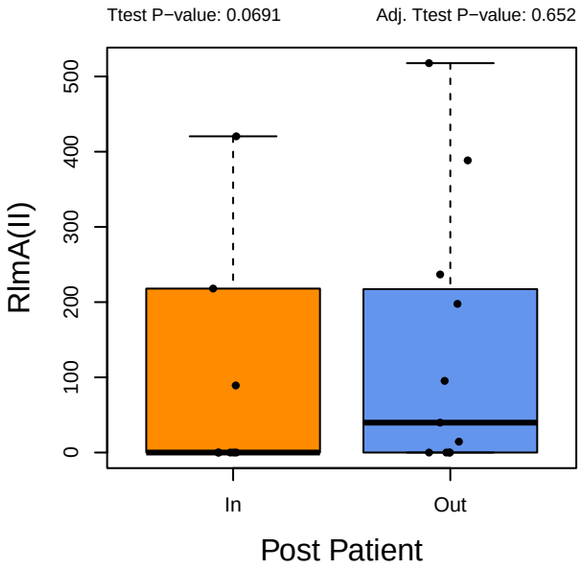

Ttest P−value: 0.309
Adj. Ttest P−value: 0.652
mdtM
300
250
200
150
100
50
0
In
Out
Post Patient

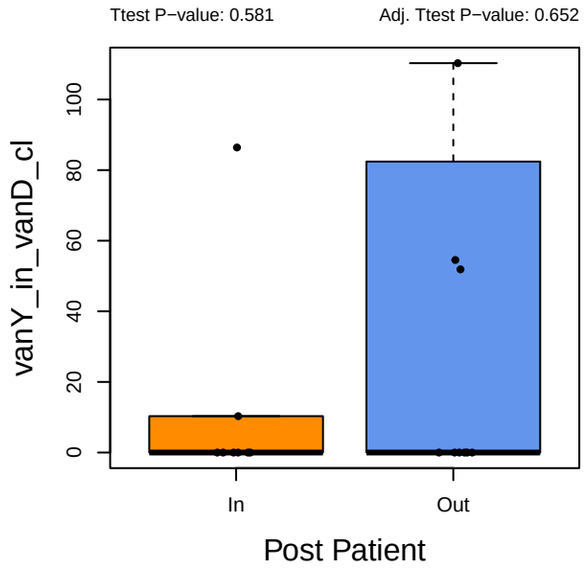

Ttest P−value: 0.132
Adj. Ttest P−value: 0.652
vanO
0
20
40
60
80
100
In
Out
Post Patient

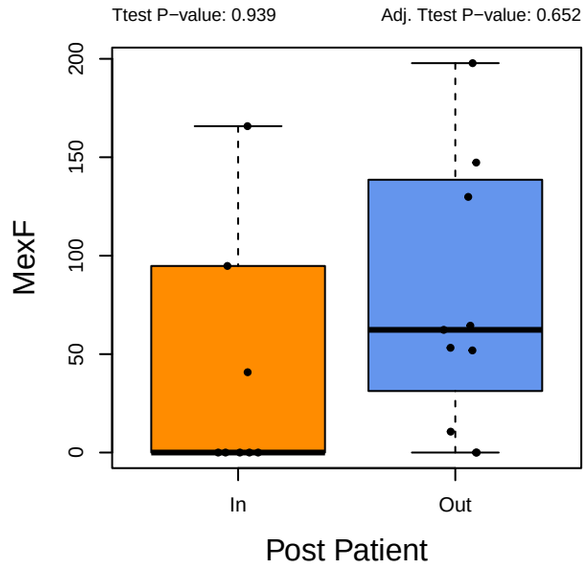

Ttest P−value: 0.371
Adj. Ttest P−value: 0.652
ErmF
0
5000
10000
15000
In
Out
Post Patient

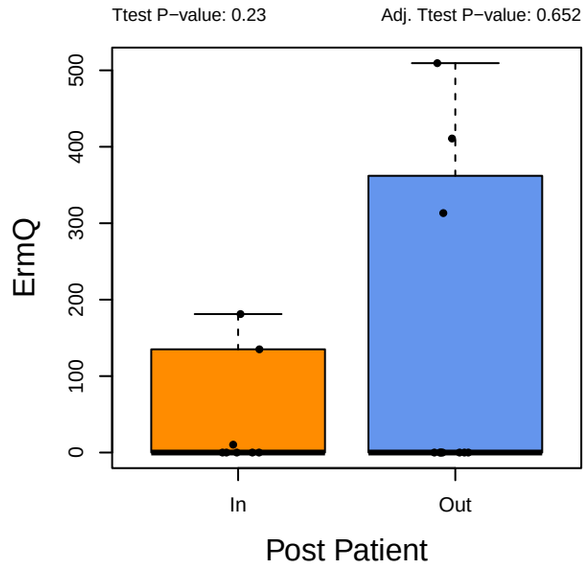

Ttest P−value: 0.267
Adj. Ttest P−value: 0.652
OprM
0
10
20
30
40
In
Out
Post Patient

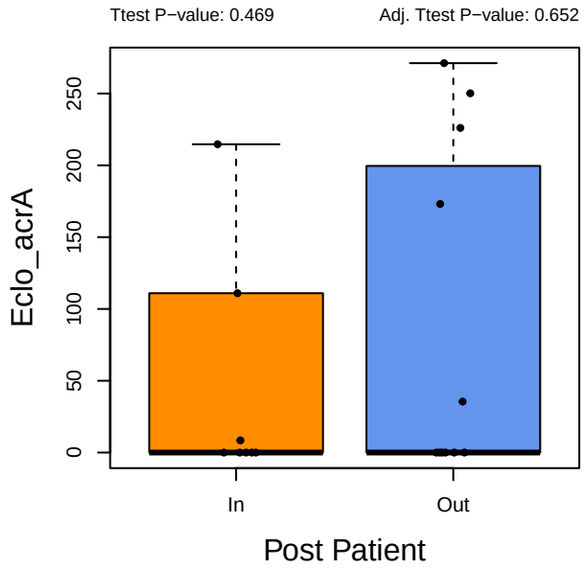

Ttest P−value: 0.347
Adj. Ttest P−value: 0.652
cmeB
0
5
10
15
20
In
Out
Post Patient

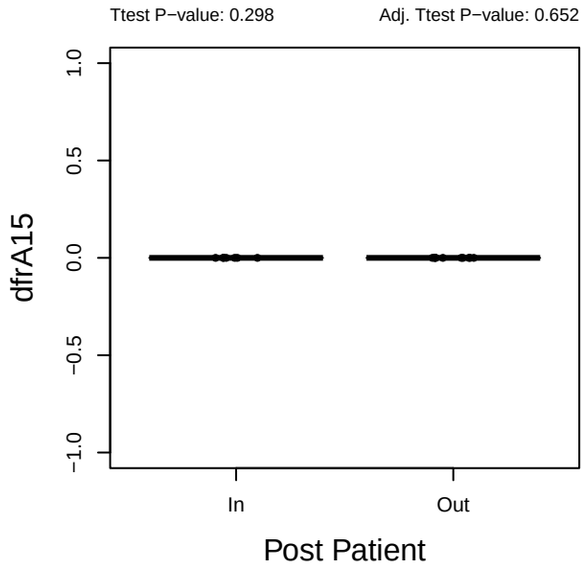

Ttest P−value: 0.0691
Adj. Ttest P−value: 0.652
RlmA(II)
0
100
200
300
400
500
In
Out
Post Patient

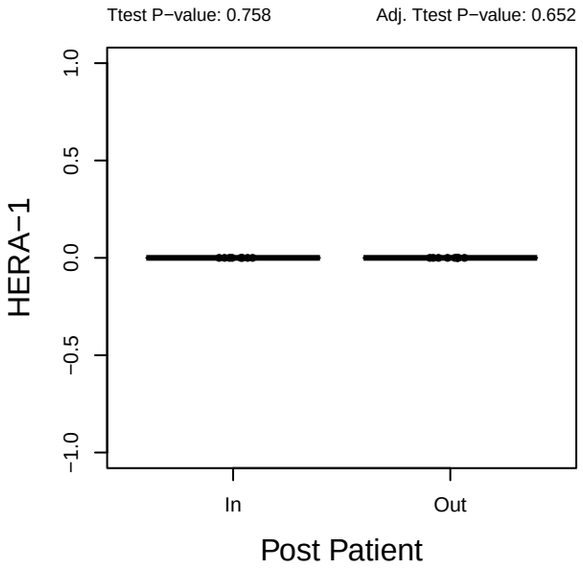

Ttest P−value: 0.581
Adj. Ttest P−value: 0.652
vanY_in_vanD_cl
0
20
40
60
80
100
In
Out
Post Patient

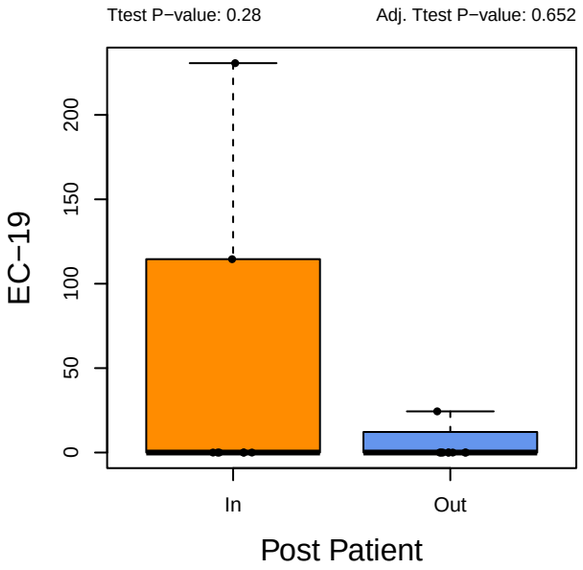

Ttest P−value: 0.939
Adj. Ttest P−value: 0.652
MexF
0
50
100
150
200
In
Out
Post Patient

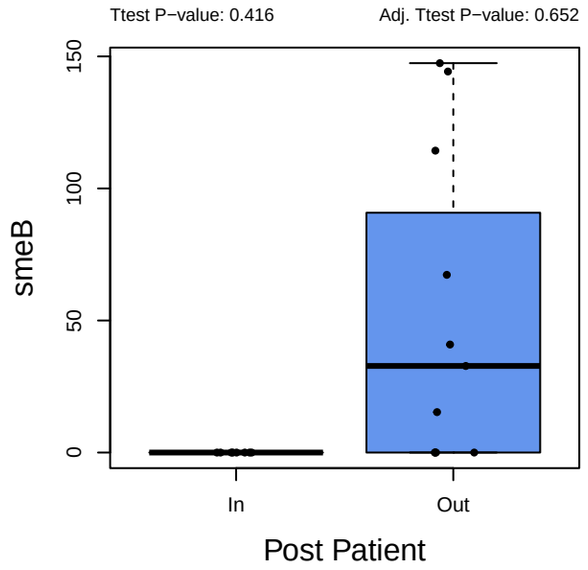

Ttest P−value: 0.23
Adj. Ttest P−value: 0.652
ErmQ
0
100
200
300
400
500
In
Out
Post Patient

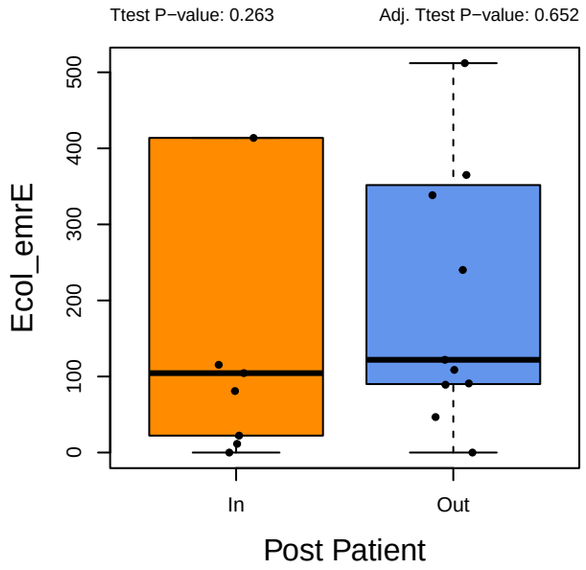

Ttest P−value: 0.469
Adj. Ttest P−value: 0.652
Eclo_acrA
0
50
100
150
200
250
In
Out
Post Patient

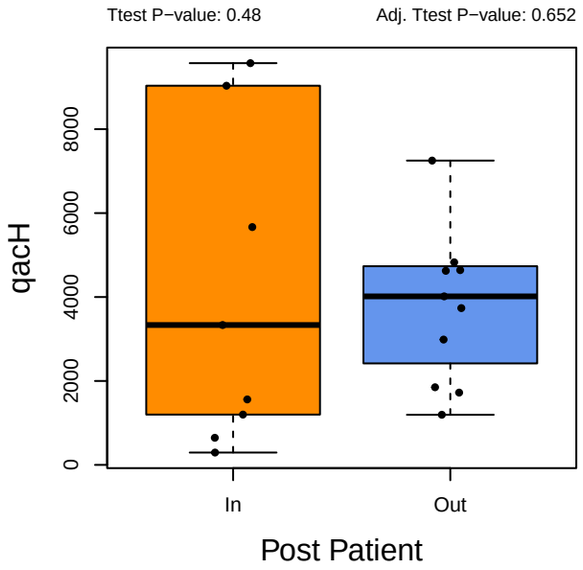

Ttest P−value: 0.298
Adj. Ttest P−value: 0.652
dfrA15
−1.0
−0.5
0.0
0.5
1.0
In
Out
Post Patient

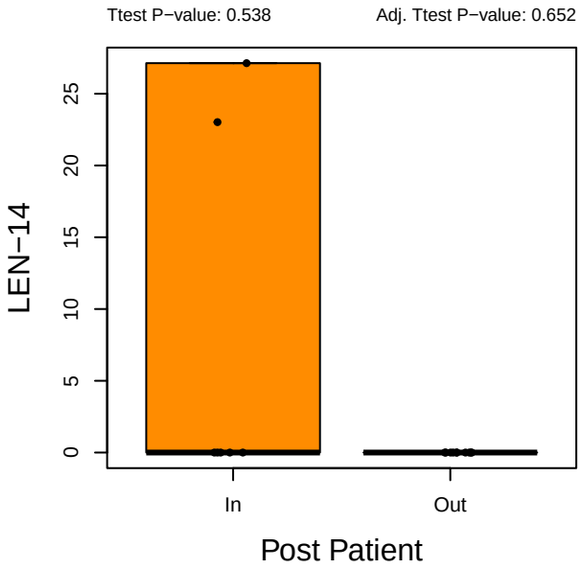

Ttest P−value: 0.758
Adj. Ttest P−value: 0.652
HERA−1
−1.0
−0.5
0.0
0.5
1.0
In
Out
Post Patient

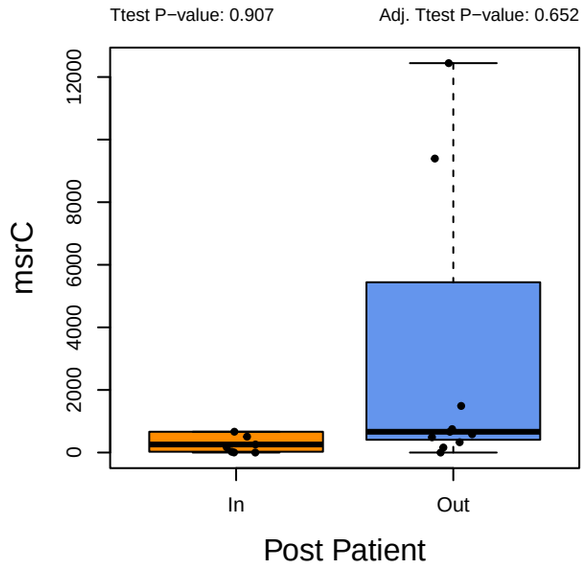

Ttest P−value: 0.28
Adj. Ttest P−value: 0.652
EC−19
0
50
100
150
200
In
Out
Post Patient

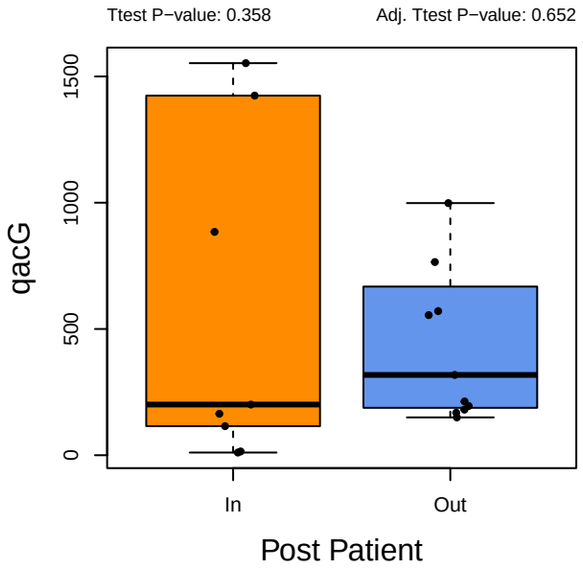

Ttest P−value: 0.416
Adj. Ttest P−value: 0.652
smeB
0
50
100
150
In
Out
Post Patient

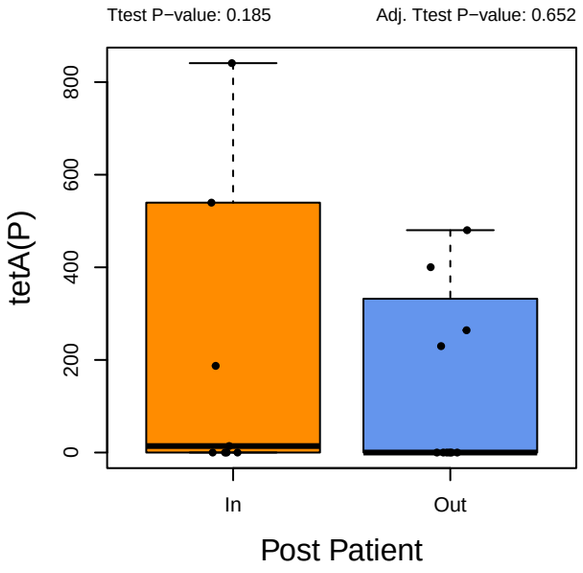

Ttest P−value: 0.263
Adj. Ttest P−value: 0.652
Ecol_emrE
0
100
200
300
400
500
In
Out
Post Patient

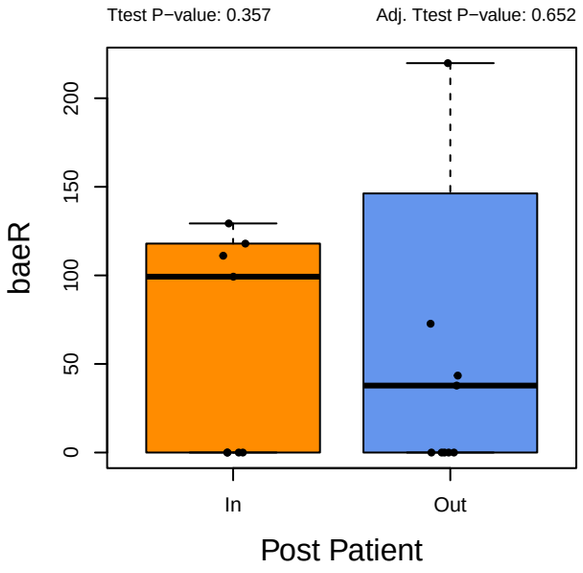

Ttest P−value: 0.48
Adj. Ttest P−value: 0.652
qacH
0
2000
4000
6000
8000
In
Out
Post Patient

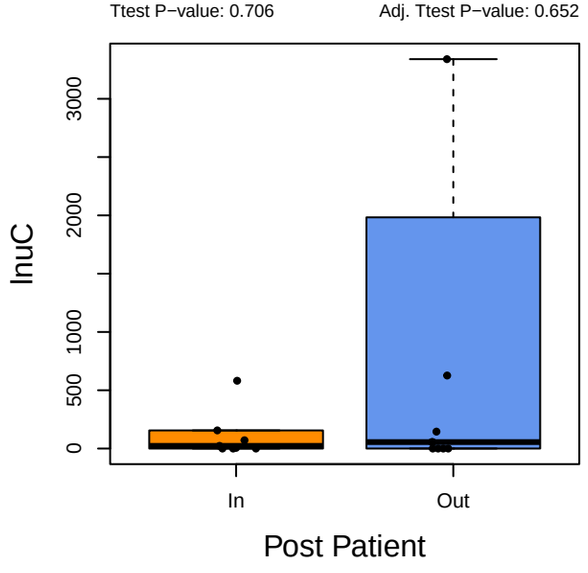

Ttest P−value: 0.538
Adj. Ttest P−value: 0.652
LEN−14
0
5
10
15
20
25
In
Out
Post Patient

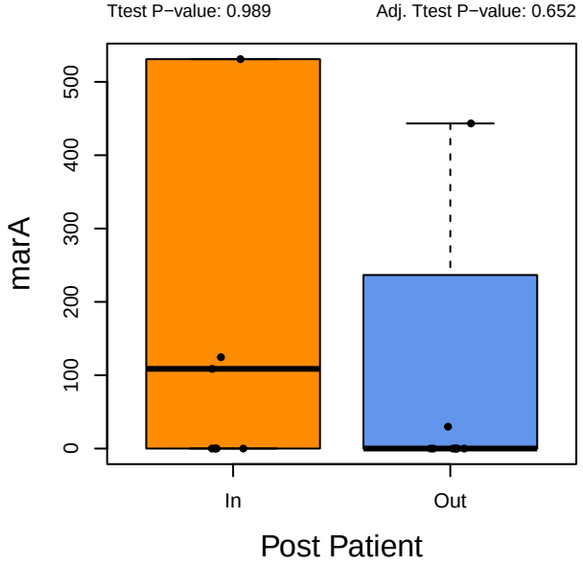

Ttest P−value: 0.907
Adj. Ttest P−value: 0.652
msrC
0
2000
4000
6000
8000
12000
In
Out
Post Patient

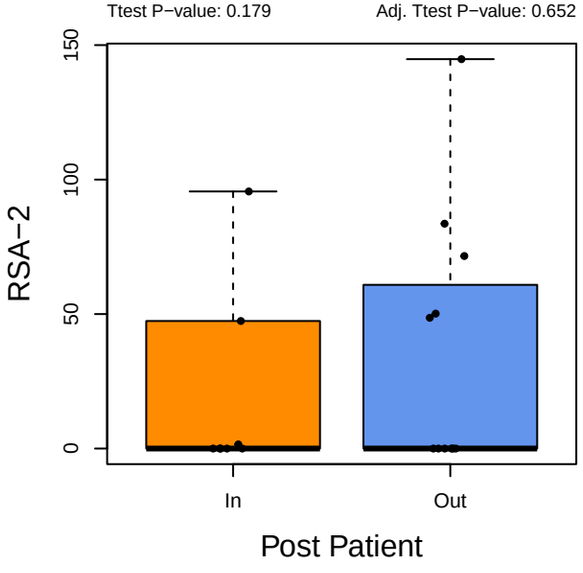

Ttest P−value: 0.358
Adj. Ttest P−value: 0.652
qacG
0
500
1000
1500
In
Out
Post Patient

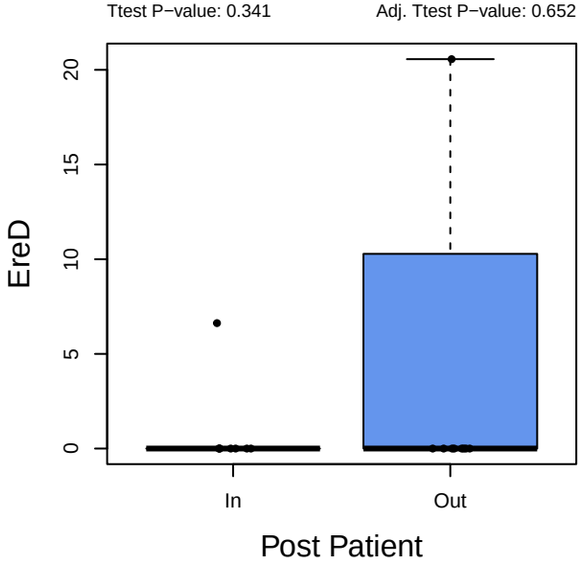

Ttest P−value: 0.185
Adj. Ttest P−value: 0.652
tetA(P)
0
200
400
600
800
In
Out
Post Patient

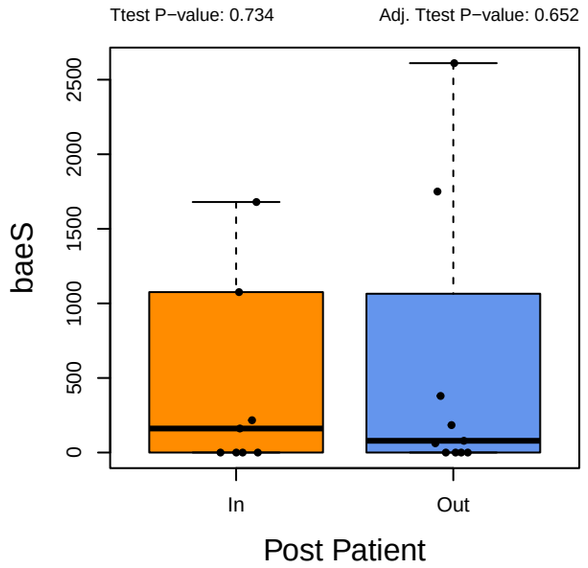

Ttest P−value: 0.357
Adj. Ttest P−value: 0.652
baeR
0
50
100
150
200
In
Out
Post Patient

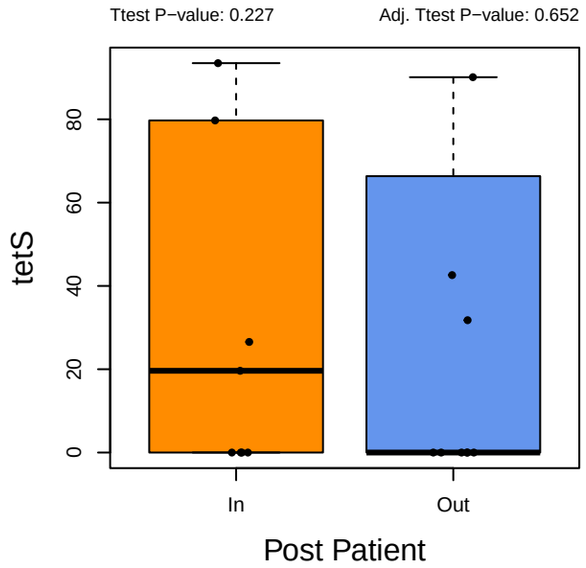

Ttest P−value: 0.706
Adj. Ttest P−value: 0.652
lnuC
0
500
1000
2000
3000
In
Out
Post Patient

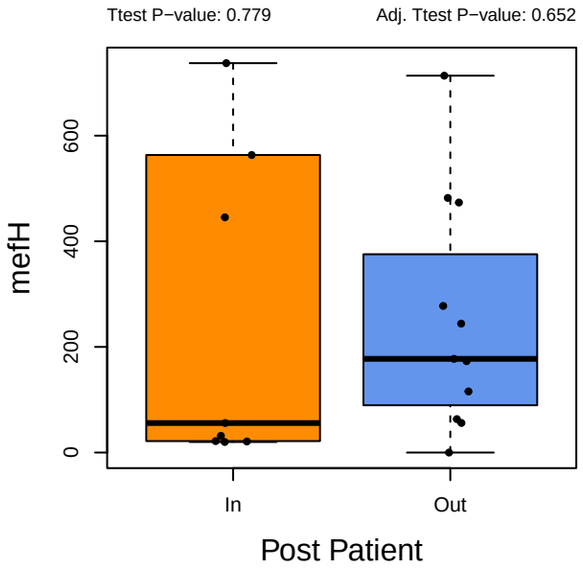

Ttest P−value: 0.989
Adj. Ttest P−value: 0.652
marA
0
100
200
300
400
500
In
Out
Post Patient

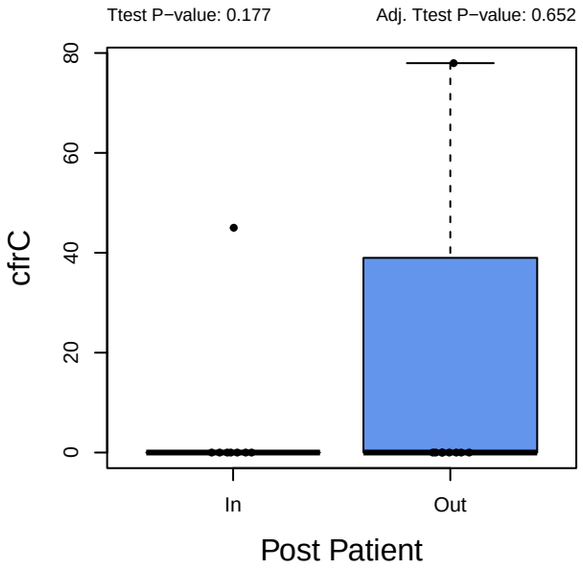

Ttest P−value: 0.179
Adj. Ttest P−value: 0.652
RSA−2
0
50
100
150
In
Out
Post Patient

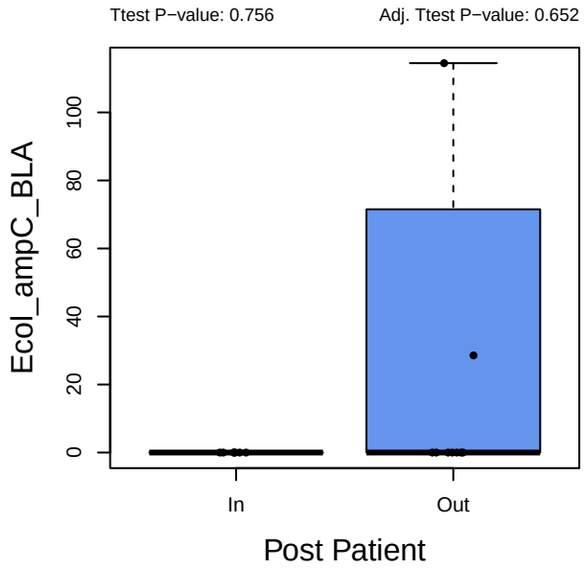

Ttest P−value: 0.341
Adj. Ttest P−value: 0.652
EreD
0
5
10
15
20
In
Out
Post Patient

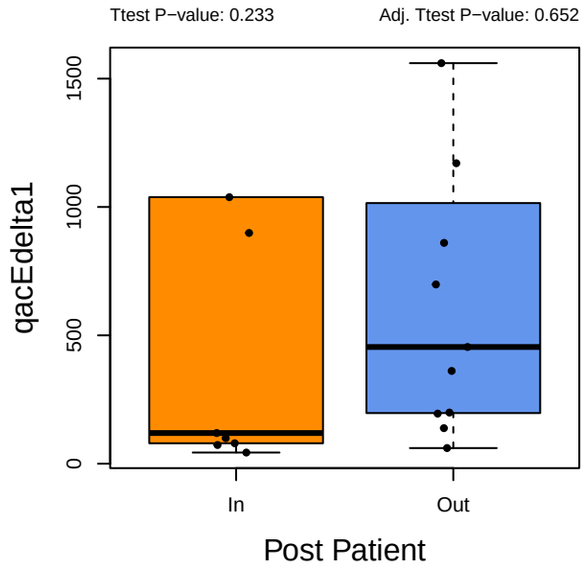

Ttest P−value: 0.734
Adj. Ttest P−value: 0.652
baeS
0
500
1000
1500
2000
2500
In
Out
Post Patient

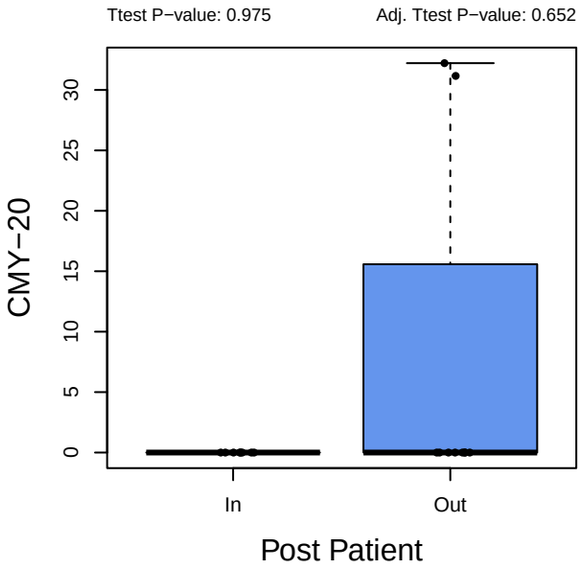

Ttest P−value: 0.227
Adj. Ttest P−value: 0.652
tetS
0
20
40
60
80
In
Out
Post Patient

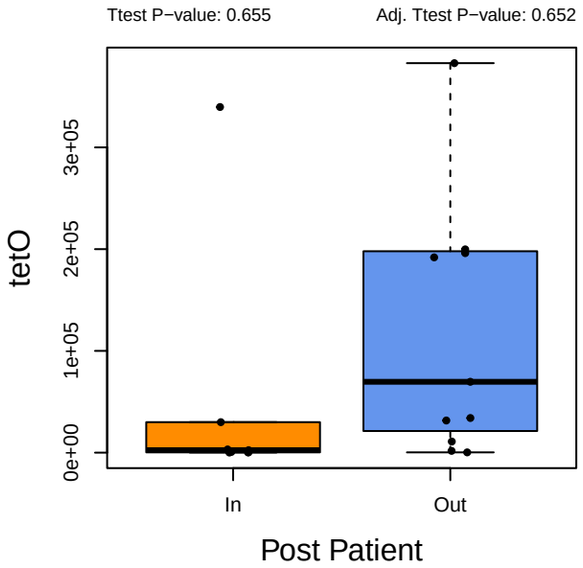

Ttest P−value: 0.779
Adj. Ttest P−value: 0.652
mefH
0
200
400
600
In
Out
Post Patient

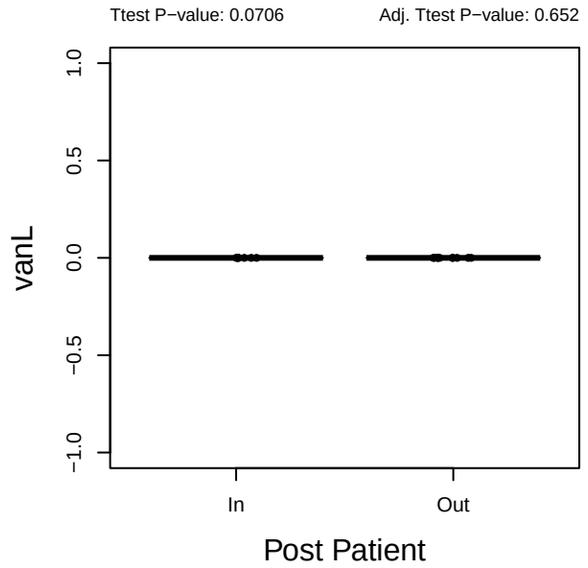

Ttest P−value: 0.177
Adj. Ttest P−value: 0.652
cfrC
0
20
40
60
80
In
Out
Post Patient

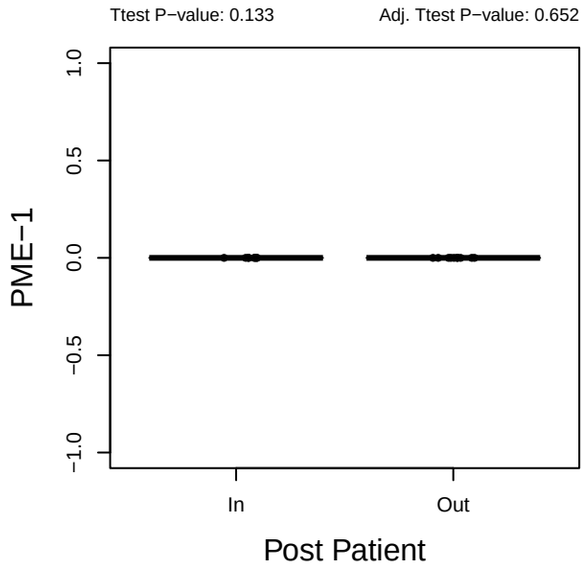

Ttest P−value: 0.756
Adj. Ttest P−value: 0.652
Ecol_ampC_BLA
0
20
40
60
80
100
In
Out
Post Patient

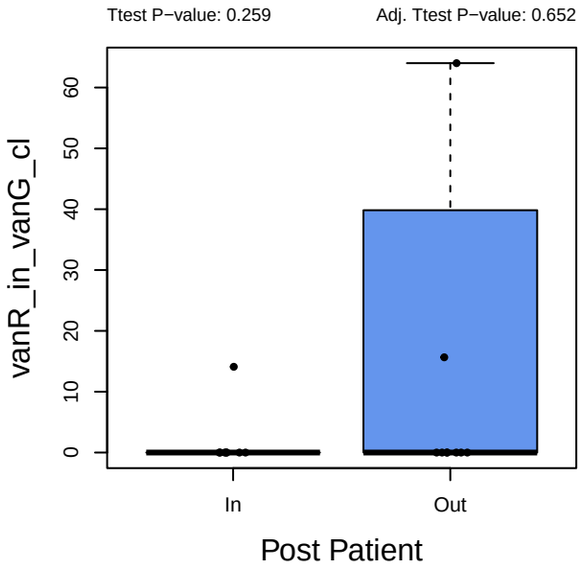

Ttest P−value: 0.233
Adj. Ttest P−value: 0.652
qacEdelta1
0
500
1000
1500
In
Out
Post Patient

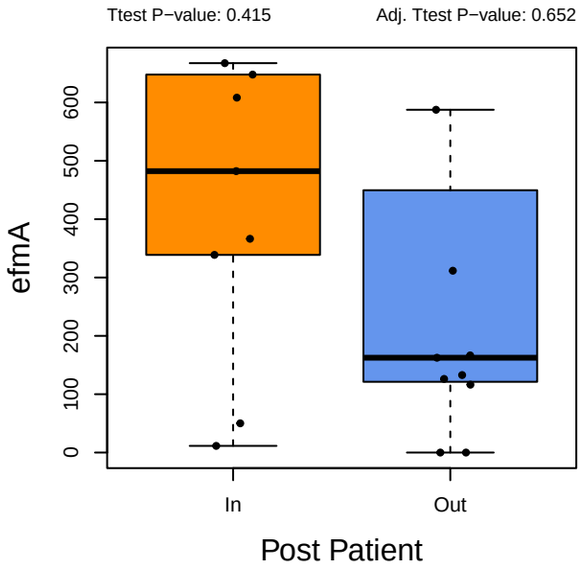

Ttest P−value: 0.975
Adj. Ttest P−value: 0.652
CMY−20
0
5
10
15
20
25
30
In
Out
Post Patient

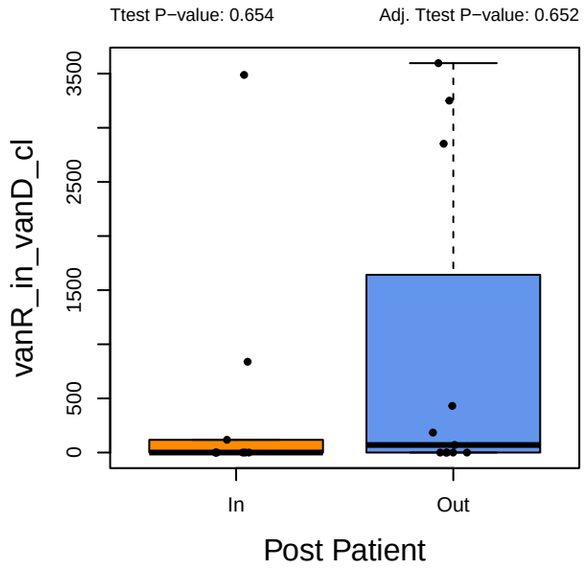

Ttest P−value: 0.655
Adj. Ttest P−value: 0.652
tetO
0e+00
1e+05
2e+05
3e+05
In
Out
Post Patient

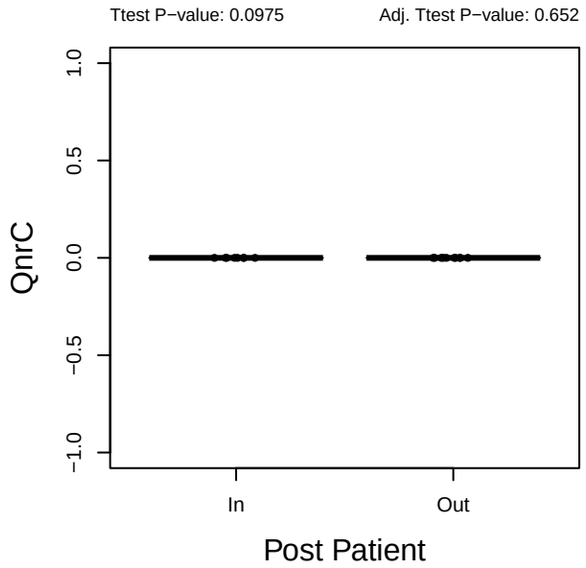

Ttest P−value: 0.0706
Adj. Ttest P−value: 0.652
vanL
1.0
0.5
0.0
−0.5
−1.0
In
Out
Post Patient

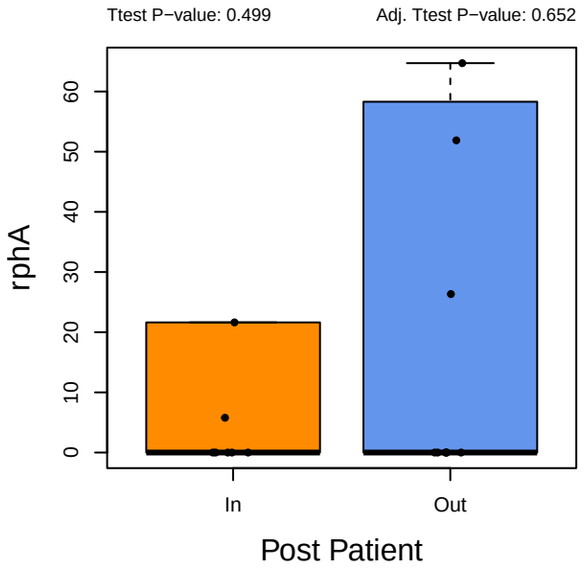

Ttest P−value: 0.133
Adj. Ttest P−value: 0.652
PME−1
1.0
0.5
0.0
−0.5
−1.0
In
Out
Post Patient

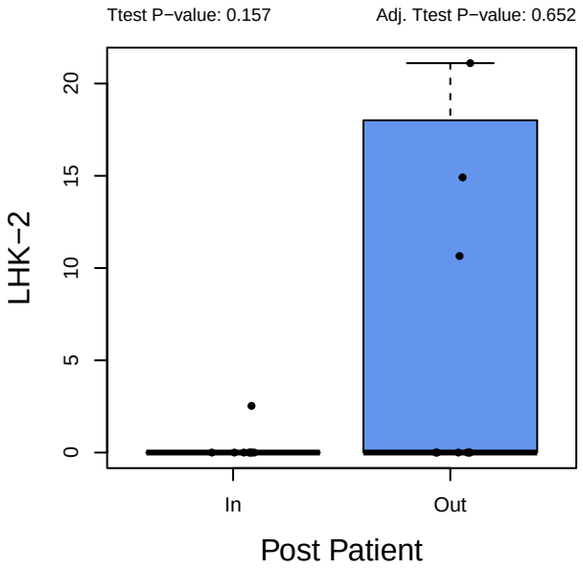

Ttest P−value: 0.259
Adj. Ttest P−value: 0.652
vanR_in_vanG_cl
60
50
40
30
20
10
0
In
Out
Post Patient

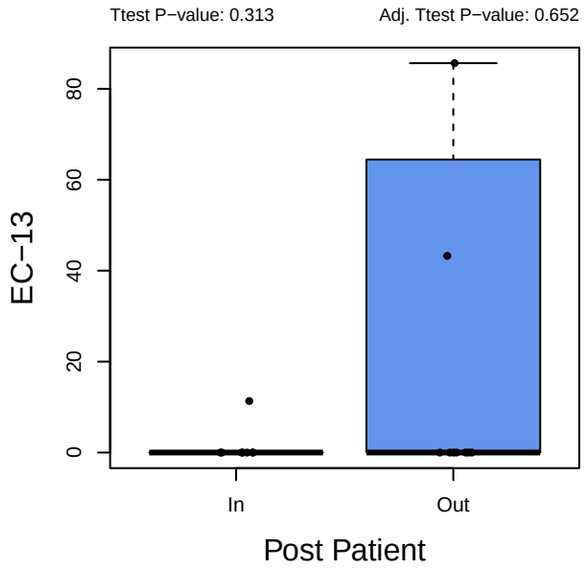

Ttest P−value: 0.415
Adj. Ttest P−value: 0.652
efmA
600
500
400
300
200
100
0
In
Out
Post Patient

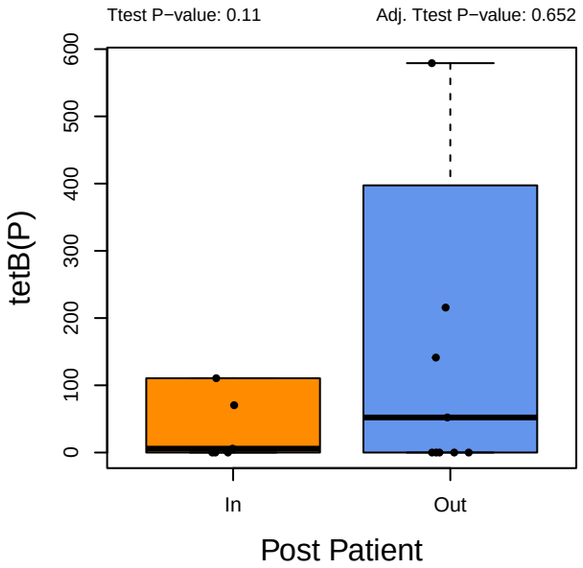

Ttest P−value: 0.654
Adj. Ttest P−value: 0.652
vanR_in_vanD_cl
3500
2500
1500
500
0
In
Out
Post Patient

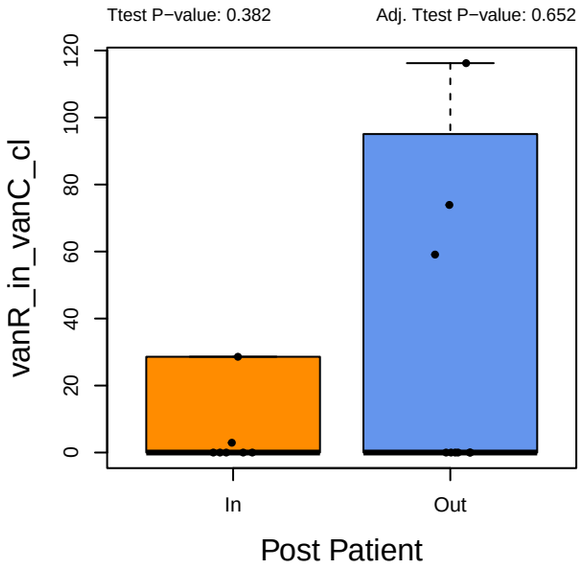

Ttest P−value: 0.0975
Adj. Ttest P−value: 0.652
QnrC
1.0
0.5
0.0
−0.5
−1.0
In
Out
Post Patient

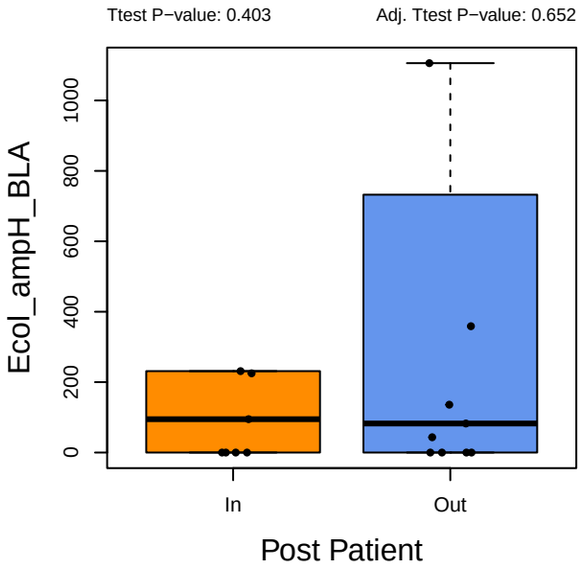

Ttest P−value: 0.499
Adj. Ttest P−value: 0.652
rphA
60
50
40
30
20
10
0
In
Out
Post Patient

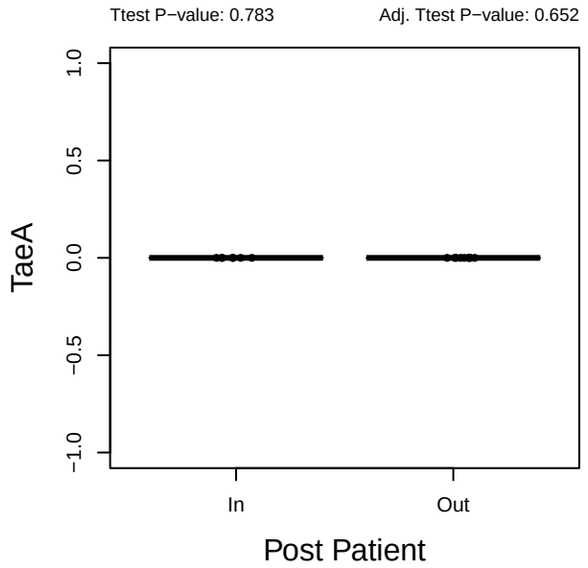

Ttest P−value: 0.157
Adj. Ttest P−value: 0.652
LHK−2
20
15
10
5
0
In
Out
Post Patient

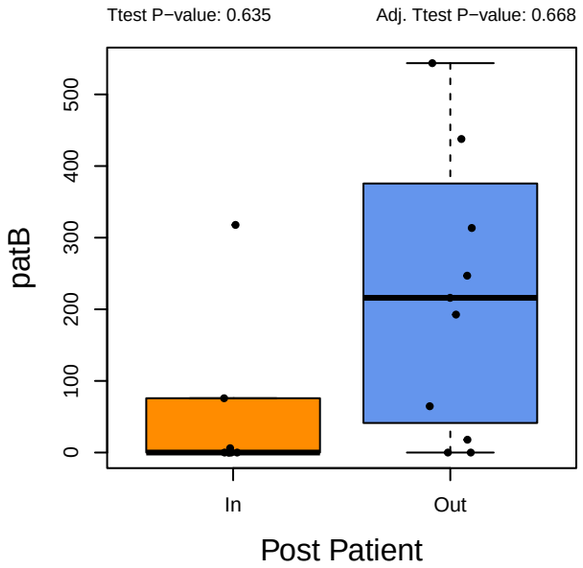

Ttest P−value: 0.313
Adj. Ttest P−value: 0.652
EC−13
0
20
40
60
80
In
Out
Post Patient

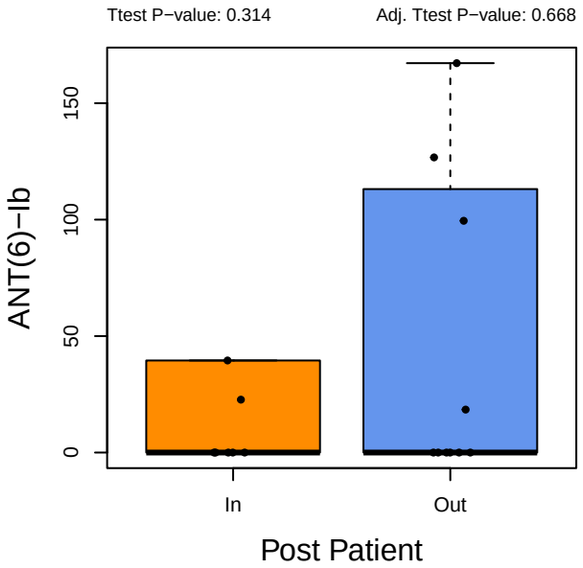

Ttest P−value: 0.11
Adj. Ttest P−value: 0.652
tetB(P)
0
100
200
300
400
500
600
In
Out
Post Patient

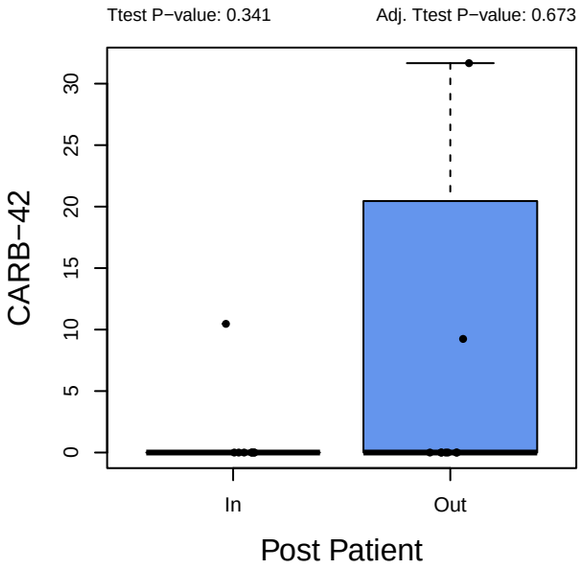

Ttest P−value: 0.382
Adj. Ttest P−value: 0.652
vanR_in_vanC_cl
0
20
40
60
80
100
120
In
Out
Post Patient

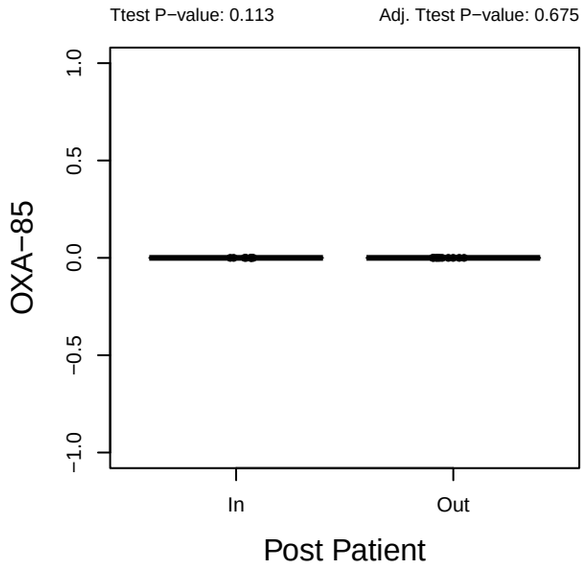

Ttest P−value: 0.403
Adj. Ttest P−value: 0.652
Ecol_ampH_BLA
0
200
400
600
800
1000
In
Out
Post Patient

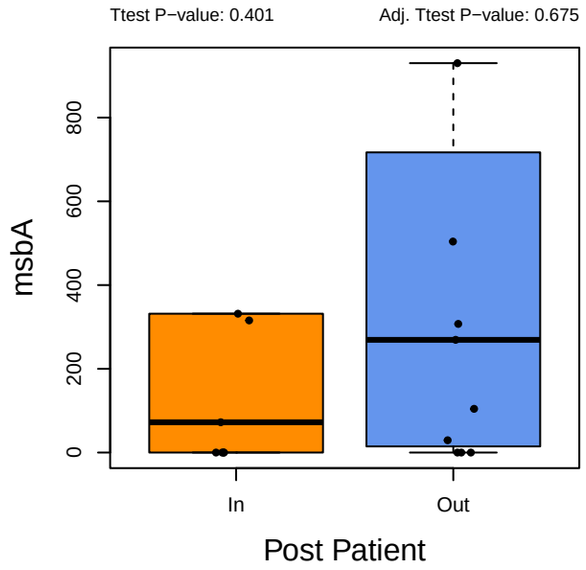

Ttest P−value: 0.783
Adj. Ttest P−value: 0.652
TaeA
−1.0
−0.5
0.0
0.5
1.0
In
Out
Post Patient

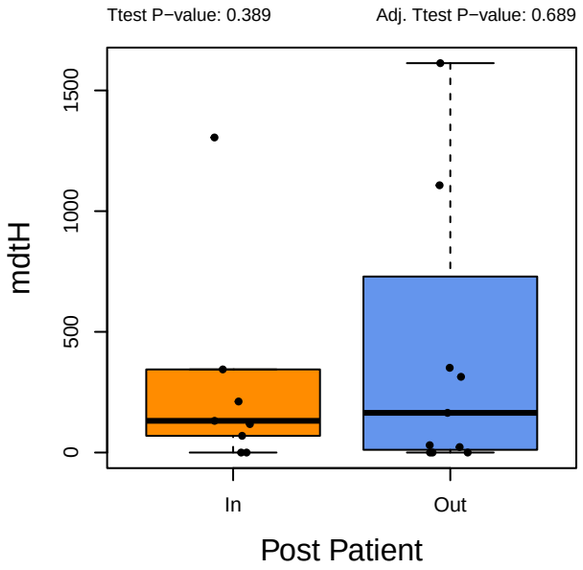

Ttest P−value: 0.635
Adj. Ttest P−value: 0.668
patB
0
100
200
300
400
500
In
Out
Post Patient

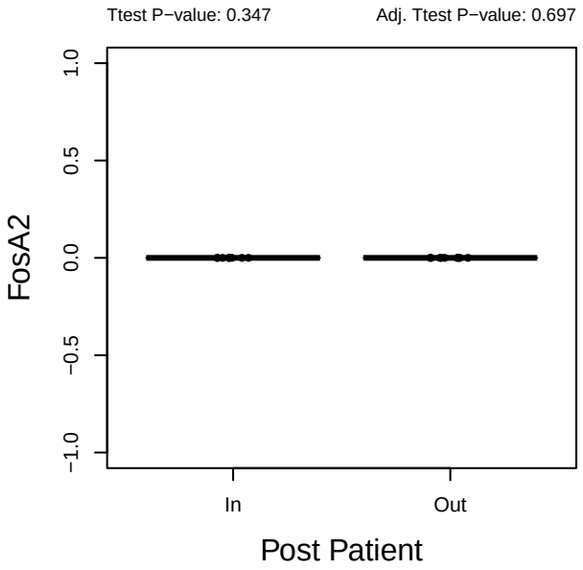

Ttest P−value: 0.314
Adj. Ttest P−value: 0.668
ANT(6)−Ib
0
50
100
150
In
Out
Post Patient

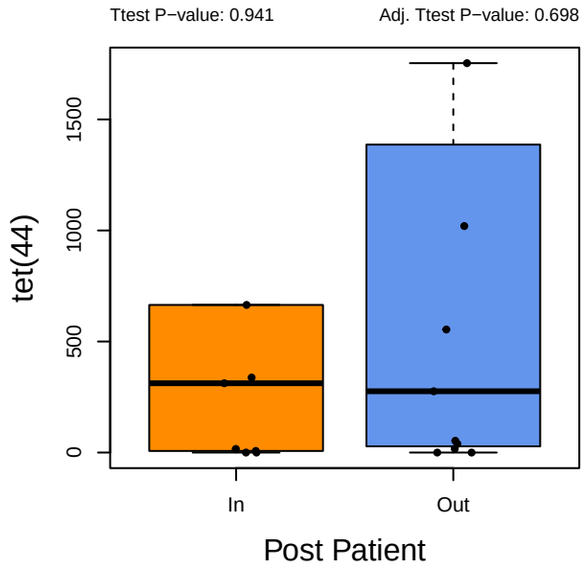

Ttest P−value: 0.341
Adj. Ttest P−value: 0.673
CARB−42
0
5
10
15
20
25
30
In
Out
Post Patient

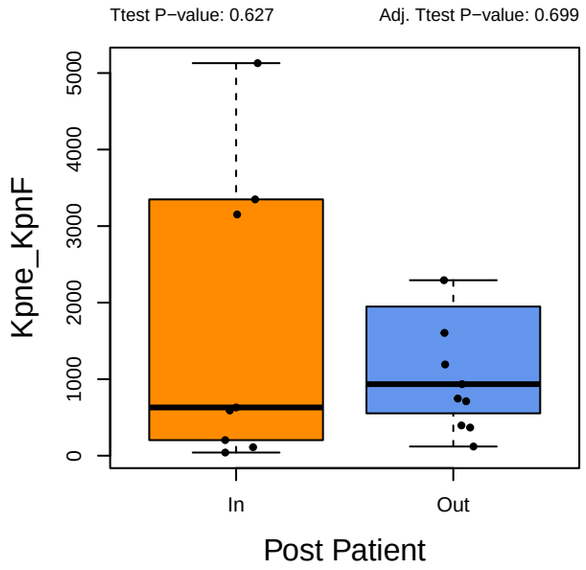

Ttest P−value: 0.113
Adj. Ttest P−value: 0.675
OXA−85
1.0
0.5
0.0
−0.5
−1.0
In
Out
Post Patient

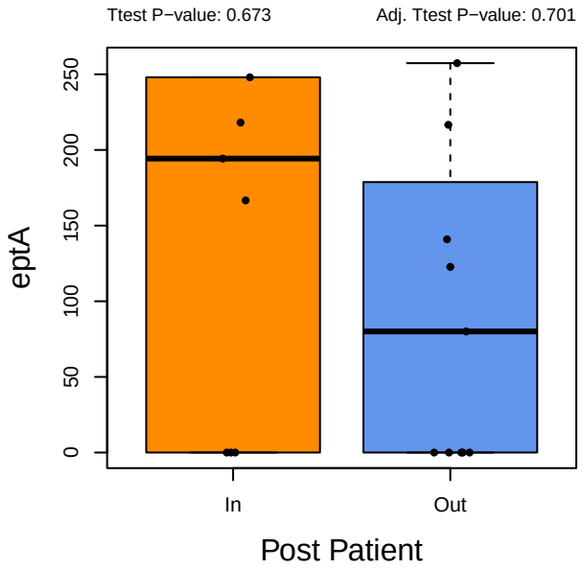

Ttest P−value: 0.401
Adj. Ttest P−value: 0.675
msbA
800
600
400
200
0
In
Out
Post Patient

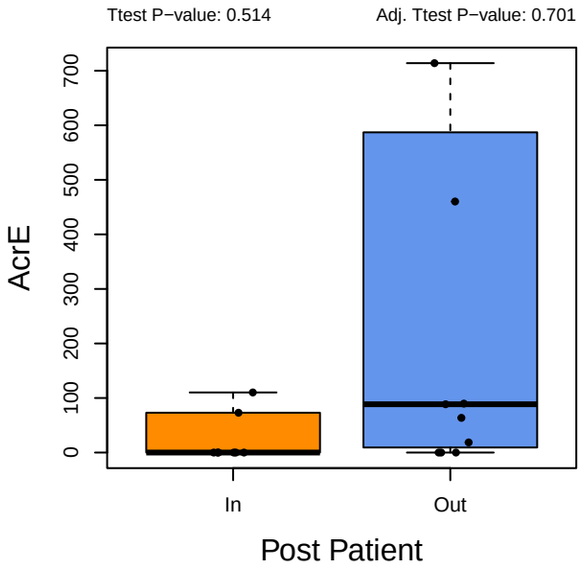

Ttest P−value: 0.389
Adj. Ttest P−value: 0.689
mdtH
1500
1000
500
0
In
Out
Post Patient

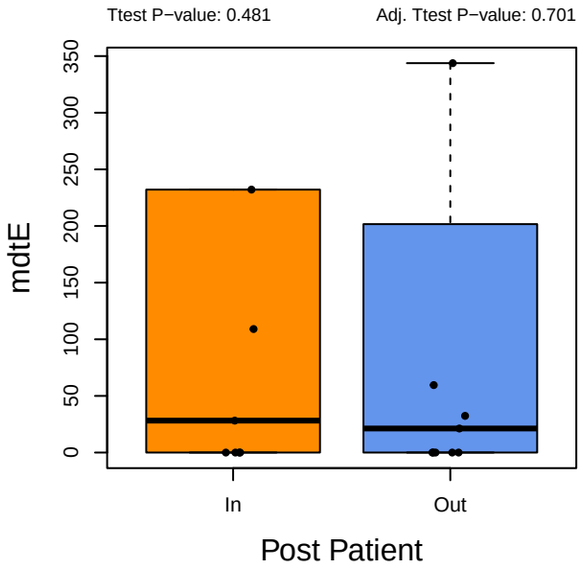

Ttest P−value: 0.347
Adj. Ttest P−value: 0.697
FosA2
1.0
0.5
0.0
−0.5
−1.0
In
Out
Post Patient

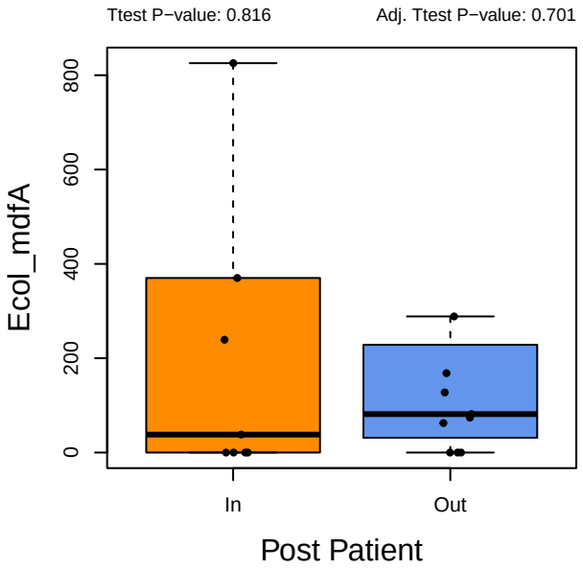

Ttest P−value: 0.941
Adj. Ttest P−value: 0.698
tet(44)
1500
1000
500
0
In
Out
Post Patient

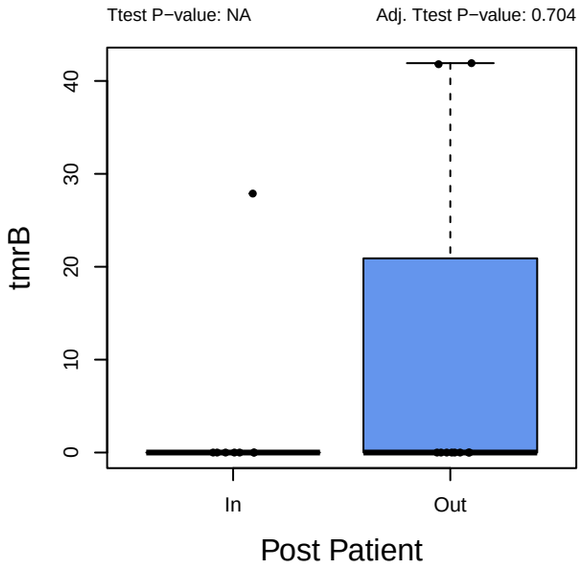

Ttest P−value: 0.627
Adj. Ttest P−value: 0.699
Kpne_KpnF
5000
4000
3000
2000
1000
0
In
Out
Post Patient

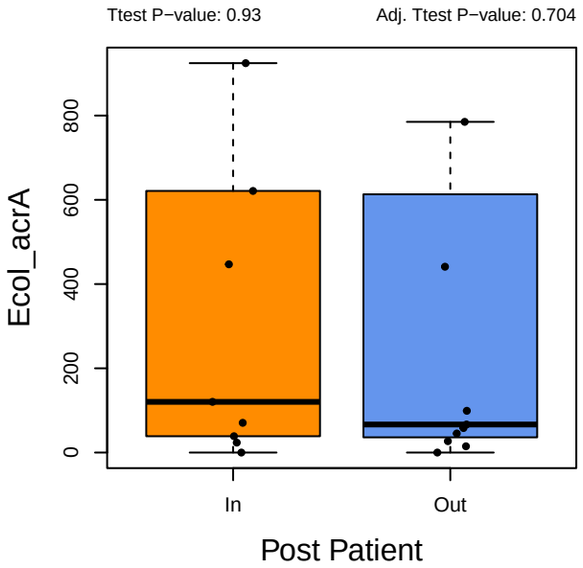

Ttest P−value: 0.673
Adj. Ttest P−value: 0.701
eptA
250
200
150
100
50
0
In
Out
Post Patient

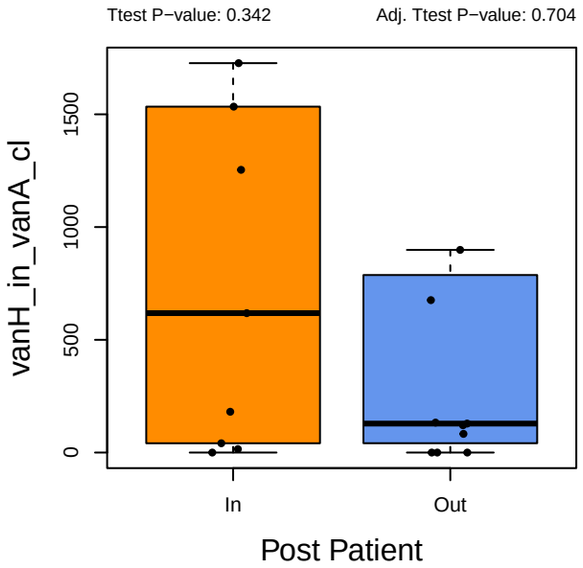

Ttest P−value: 0.514
Adj. Ttest P−value: 0.701
AcrE
700
600
500
400
300
200
100
0
In
Out
Post Patient

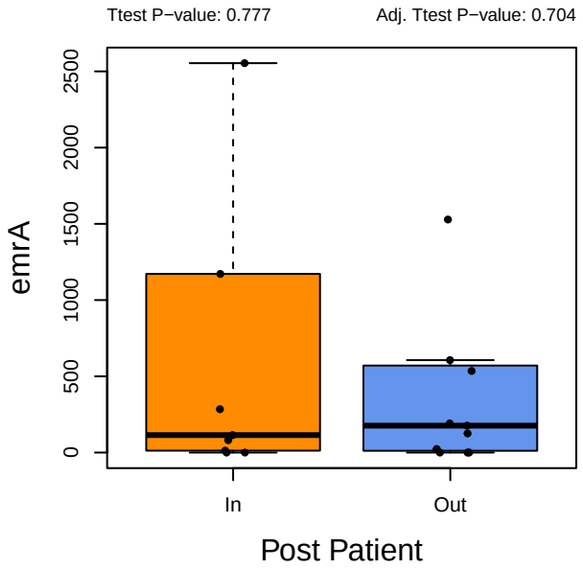

Ttest P−value: 0.481
Adj. Ttest P−value: 0.701
mdtE
0
50
100
150
200
250
300
350
In
Out
Post Patient

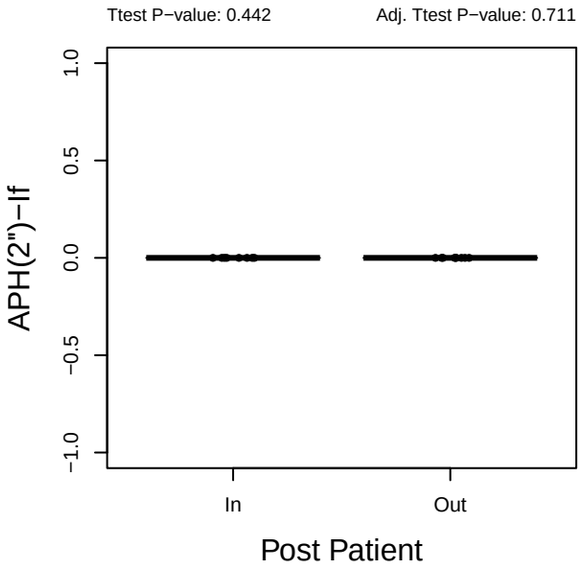

Ttest P−value: 0.816
Adj. Ttest P−value: 0.701
Ecol_mdfA
0
200
400
600
800
In
Out
Post Patient

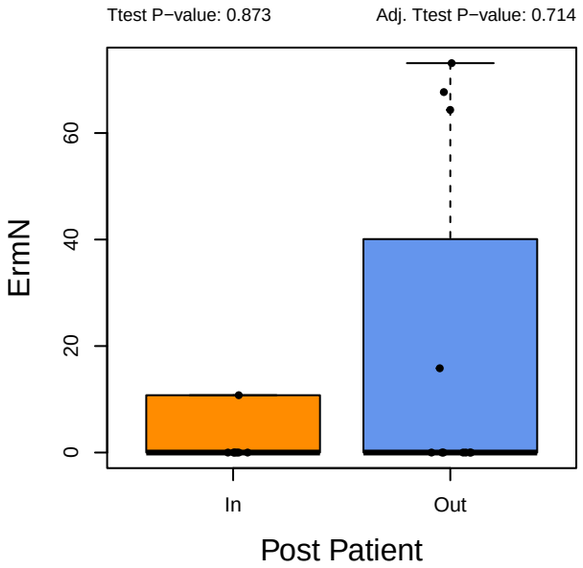

Ttest P−value: NA
Adj. Ttest P−value: 0.704
tmrB
0
10
20
30
40
In
Out
Post Patient

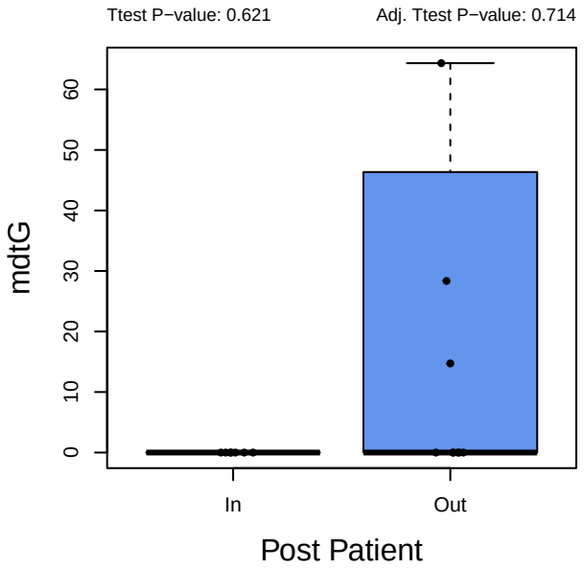

Ttest P−value: 0.93
Adj. Ttest P−value: 0.704
Ecol_acrA
0
200
400
600
800
In
Out
Post Patient

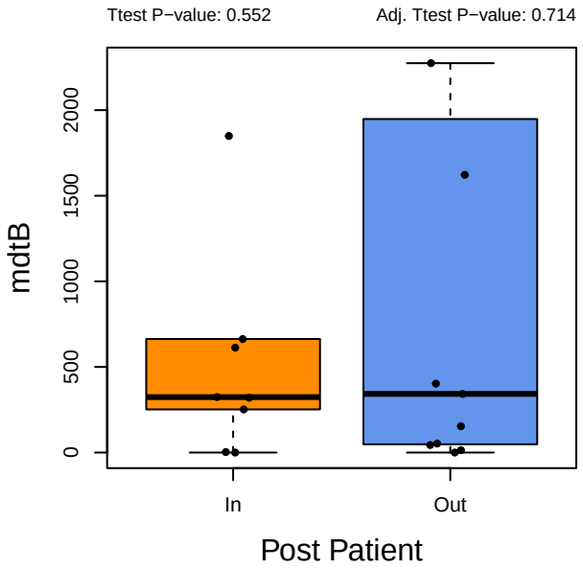

Ttest P−value: 0.342
Adj. Ttest P−value: 0.704
vanH_in_vanA_cl
0
500
1000
1500
In
Out
Post Patient

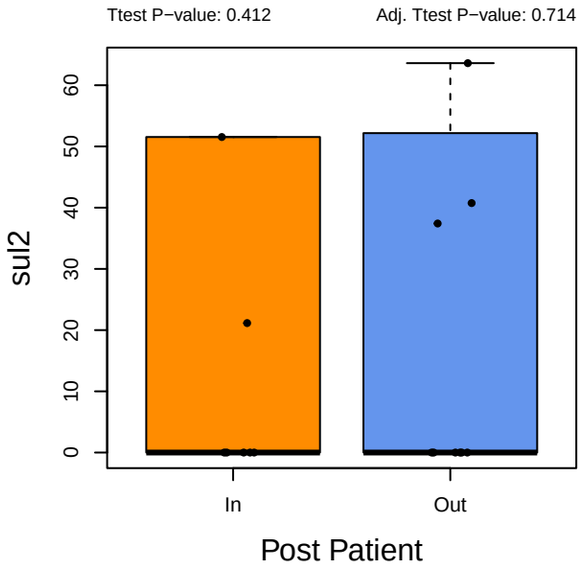

Ttest P−value: 0.777
Adj. Ttest P−value: 0.704
emrA
0
500
1000
1500
2000
2500
In
Out
Post Patient

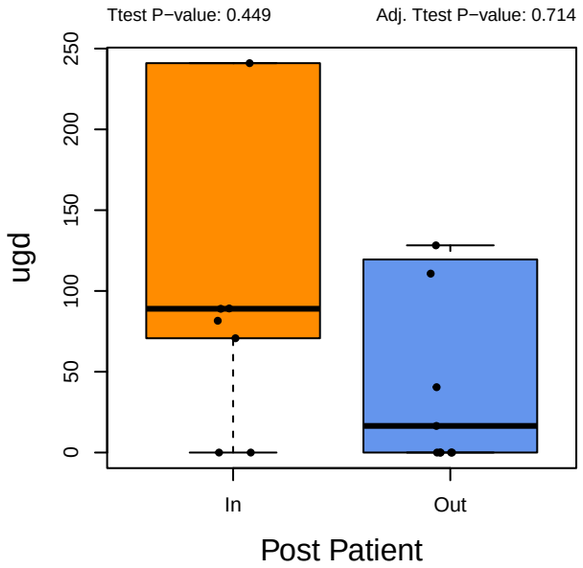

Ttest P−value: 0.442
Adj. Ttest P−value: 0.711
APH(2")−If
−1.0
−0.5
0.0
0.5
1.0
In
Out
Post Patient

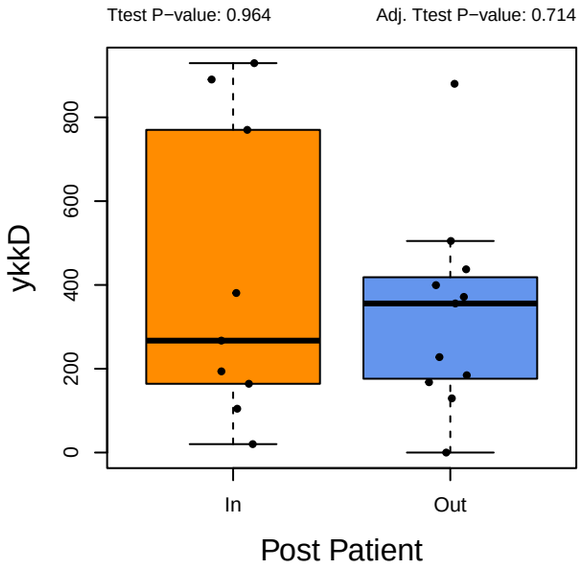

Ttest P−value: 0.873
Adj. Ttest P−value: 0.714
ErmN
0
20
40
60
In
Out
Post Patient

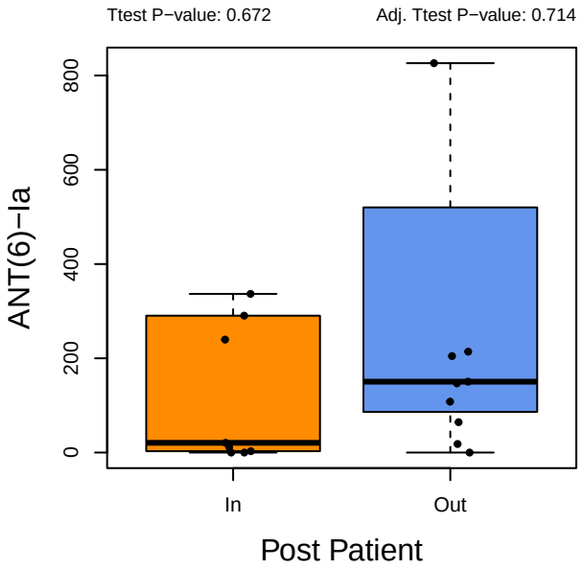

Ttest P−value: 0.621
Adj. Ttest P−value: 0.714
mdtG
0
10
20
30
40
50
60
In
Out
Post Patient

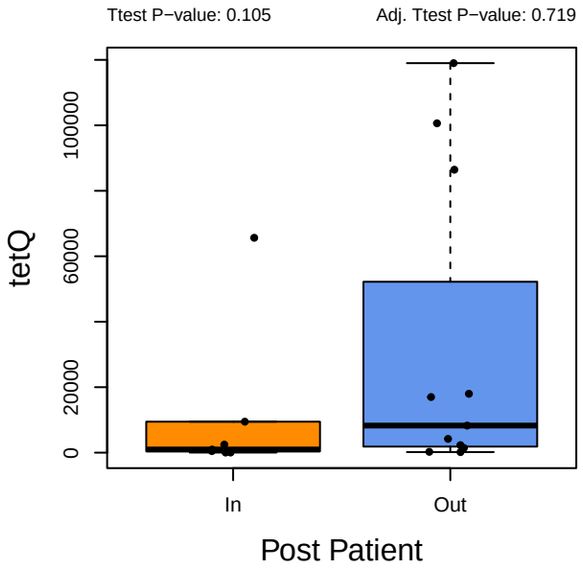

Ttest P−value: 0.552
Adj. Ttest P−value: 0.714
mdtB
0
500
1000
1500
2000
In
Out
Post Patient

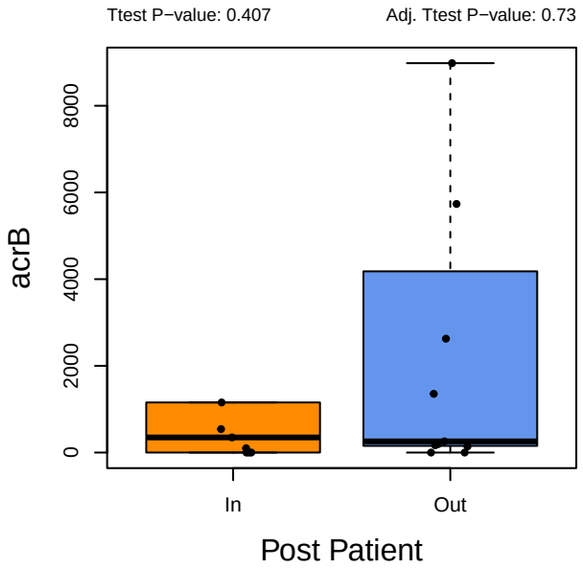

Ttest P−value: 0.412
Adj. Ttest P−value: 0.714
sul2
0
10
20
30
40
50
60
In
Out
Post Patient

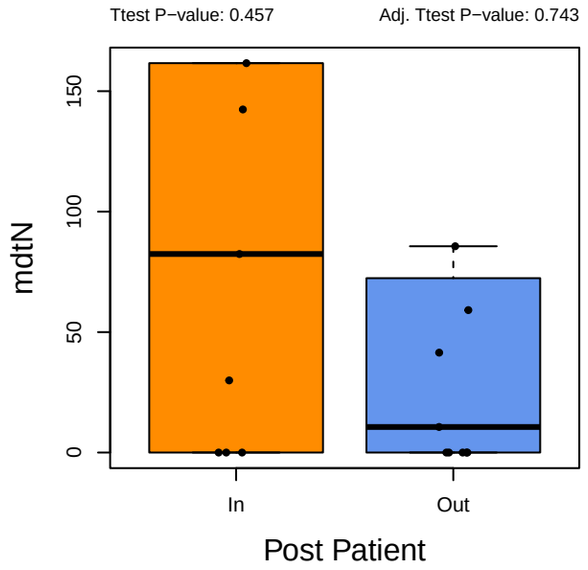

Ttest P−value: 0.449
Adj. Ttest P−value: 0.714
ugd
0
50
100
150
200
250
In
Out
Post Patient

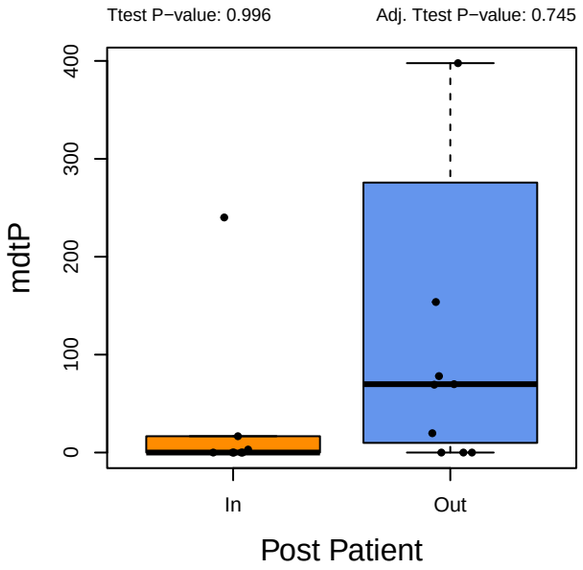

Ttest P−value: 0.964
Adj. Ttest P−value: 0.714
ykkD
0
200
400
600
800
In
Out
Post Patient

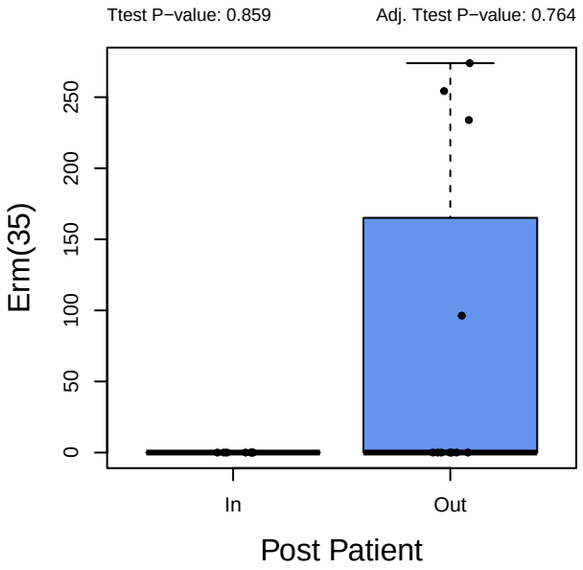

Ttest P−value: 0.672
Adj. Ttest P−value: 0.714
ANT(6)−Ia
0
200
400
600
800
In
Out
Post Patient

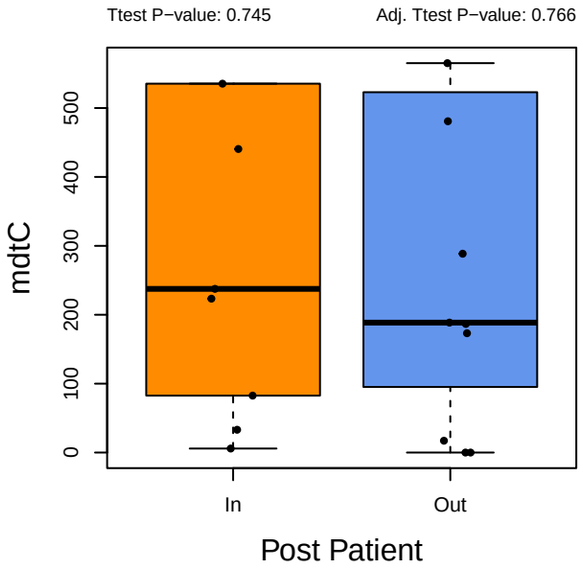

Ttest P−value: 0.105
Adj. Ttest P−value: 0.719
tetQ
0
20000
60000
100000
In
Out
Post Patient

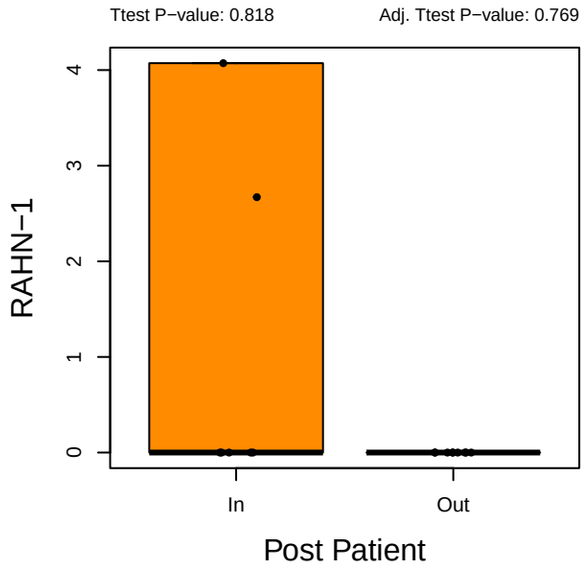

Ttest P−value: 0.407
Adj. Ttest P−value: 0.73
acrB
0
2000
4000
6000
8000
In
Out
Post Patient

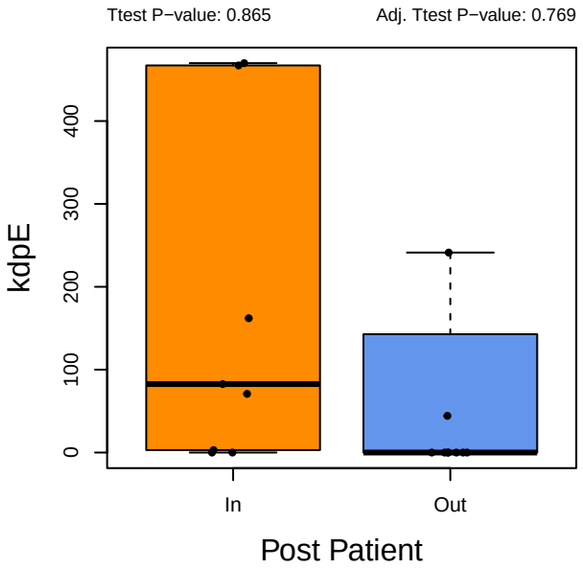

Ttest P−value: 0.457
Adj. Ttest P−value: 0.743
mdtN
0
50
100
150
In
Out
Post Patient

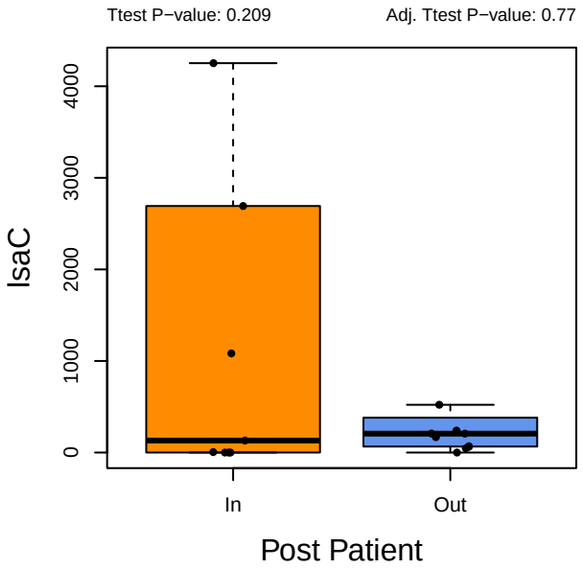

Ttest P−value: 0.996
Adj. Ttest P−value: 0.745
mdtP
0
100
200
300
400
In
Out
Post Patient

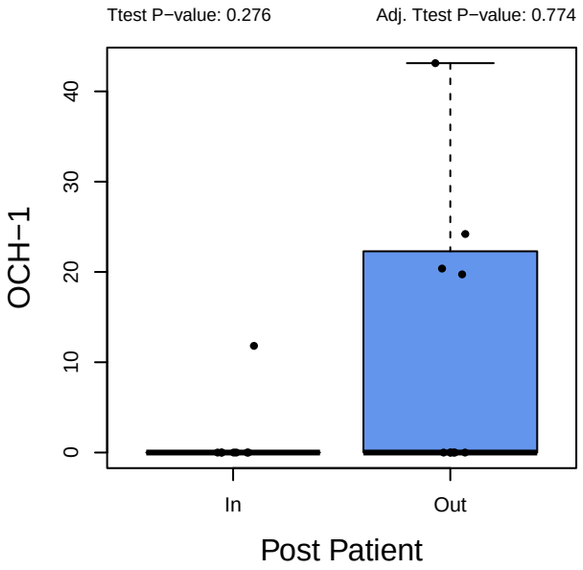

Ttest P−value: 0.859
Adj. Ttest P−value: 0.764
Erm(35)
0
50
100
150
200
250
In
Out
Post Patient

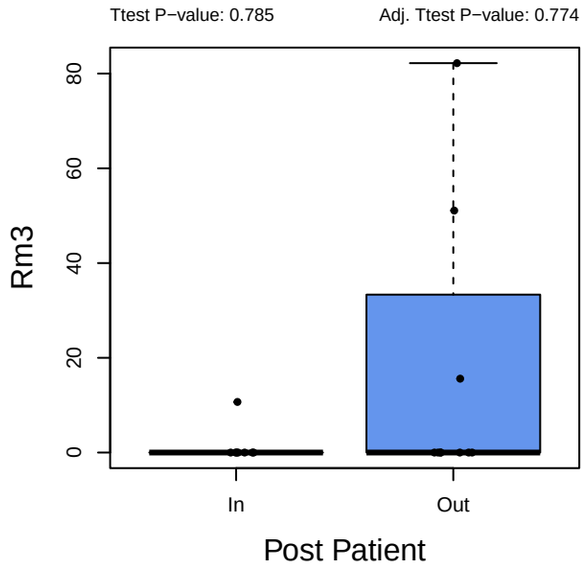

Ttest P−value: 0.745
Adj. Ttest P−value: 0.766
mdtC
0
100
200
300
400
500
In
Out
Post Patient

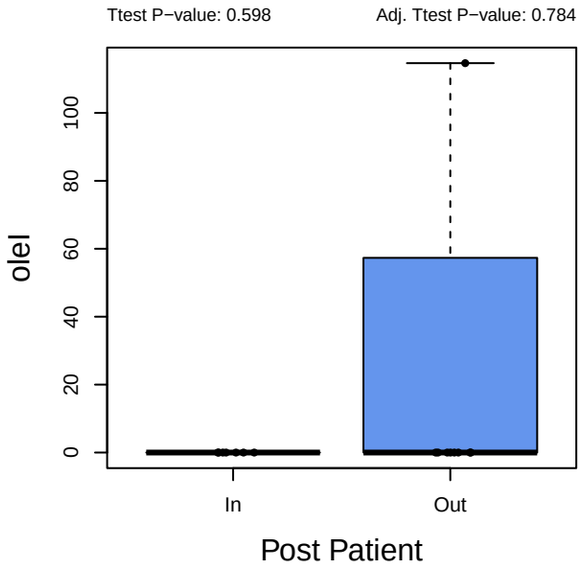

Ttest P−value: 0.818
Adj. Ttest P−value: 0.769
RAHN−1
0
1
2
3
4
In
Out
Post Patient

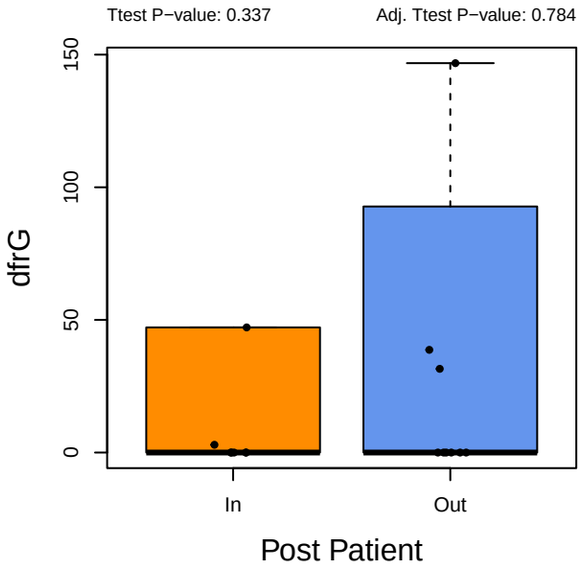

Ttest P−value: 0.865
Adj. Ttest P−value: 0.769
kdpE
0
100
200
300
400
In
Out
Post Patient

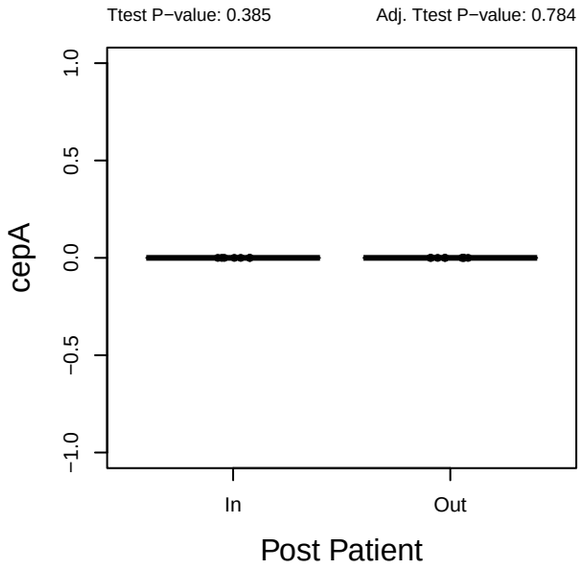

Ttest P−value: 0.209
Adj. Ttest P−value: 0.77
lsaC
0
1000
2000
3000
4000
In
Out
Post Patient

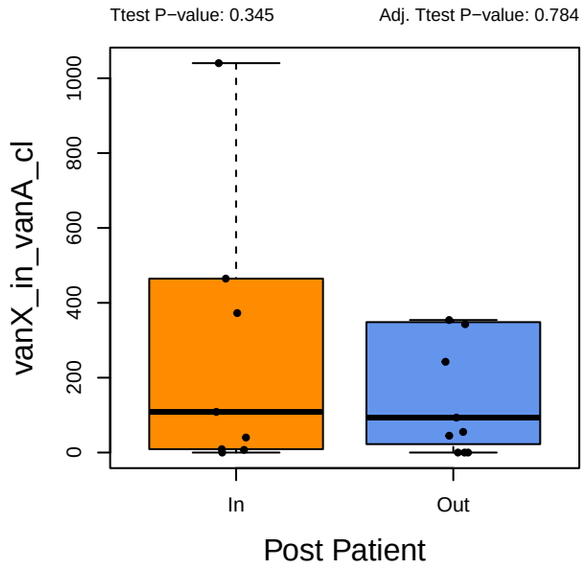

Ttest P−value: 0.276
Adj. Ttest P−value: 0.774
OCH−1
0
10
20
30
40
In
Out
Post Patient

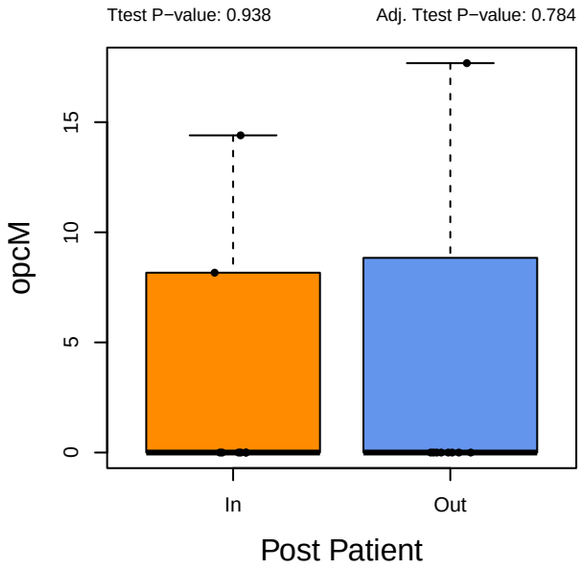

Ttest P−value: 0.785
Adj. Ttest P−value: 0.774
Rm3
0
20
40
60
80
In
Out
Post Patient

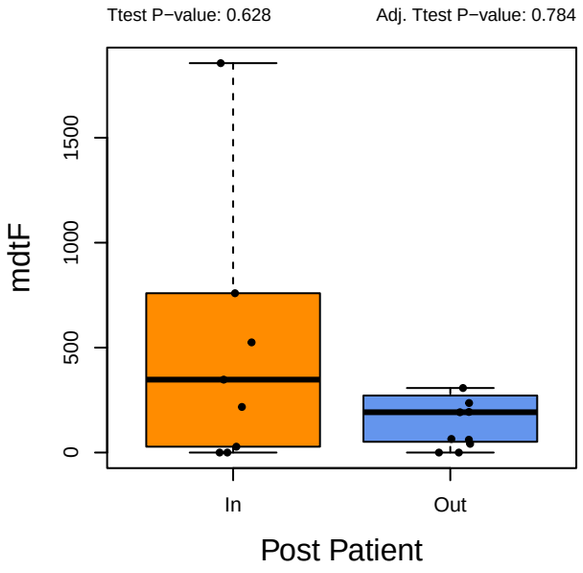

Ttest P−value: 0.598
Adj. Ttest P−value: 0.784
olel
0
20
40
60
80
100
In
Out
Post Patient

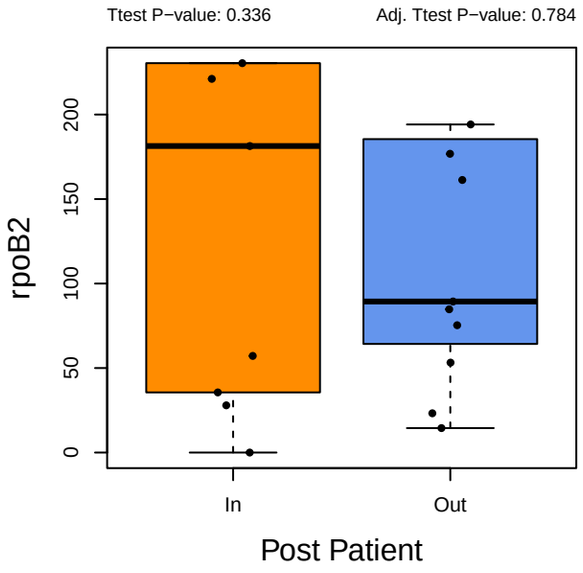

Ttest P−value: 0.337
Adj. Ttest P−value: 0.784
dfrG
0
50
100
150
In
Out
Post Patient

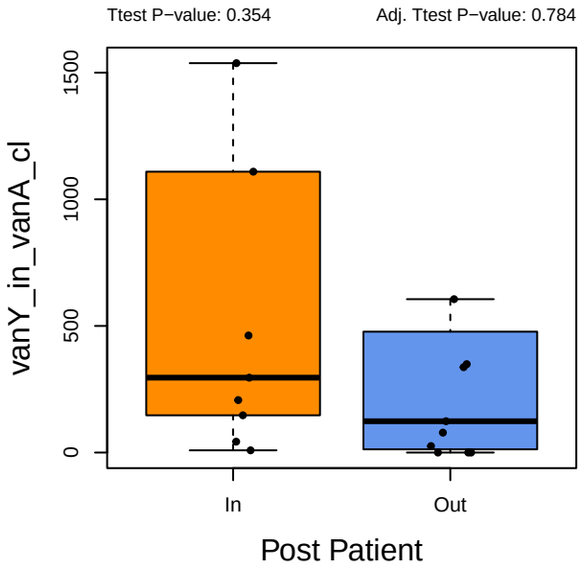

Ttest P−value: 0.385
Adj. Ttest P−value: 0.784
cepA
−1.0
−0.5
0.0
0.5
1.0
In
Out
Post Patient

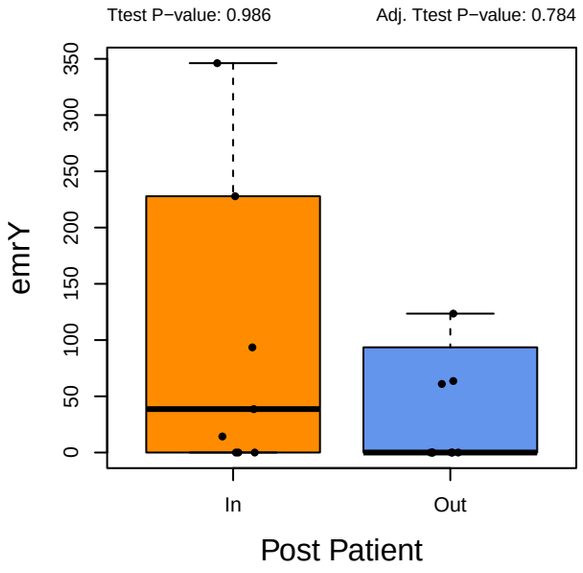

Ttest P−value: 0.345
Adj. Ttest P−value: 0.784
vanX_in_vanA_cl
0
200
400
600
800
1000
In
Out
Post Patient

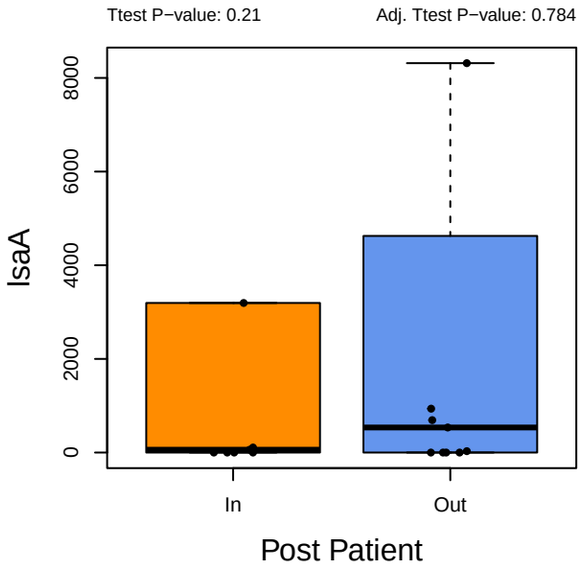

Ttest P−value: 0.938
Adj. Ttest P−value: 0.784
opcM
0
5
10
15
In
Out
Post Patient

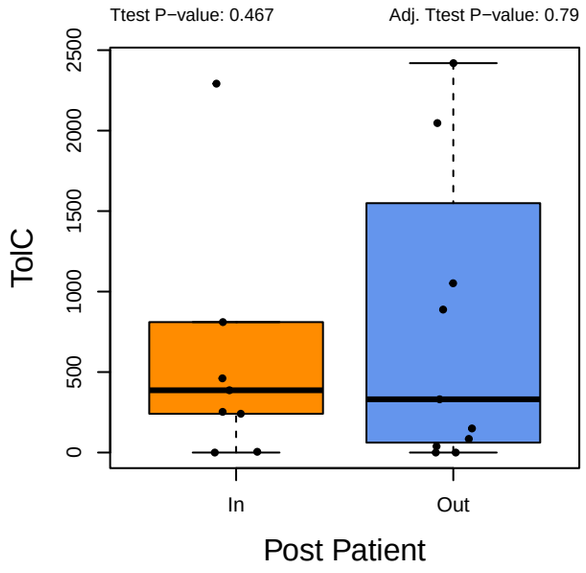

Ttest P−value: 0.628
Adj. Ttest P−value: 0.784
mdtF
0
500
1000
1500
In
Out
Post Patient

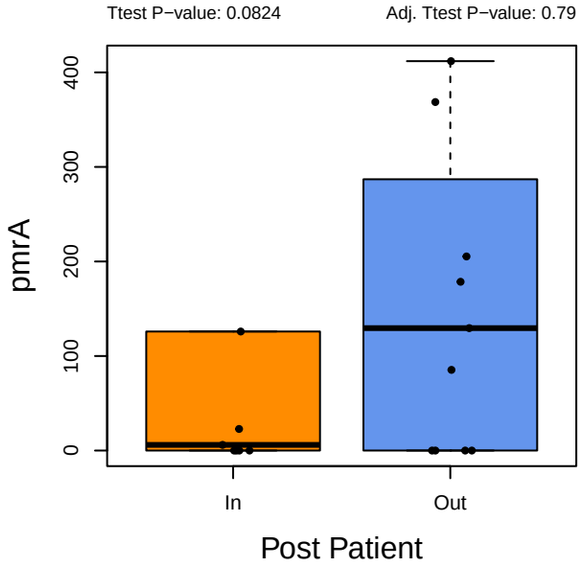

Ttest P−value: 0.336
Adj. Ttest P−value: 0.784
rpoB2
0
50
100
150
200
In
Out
Post Patient

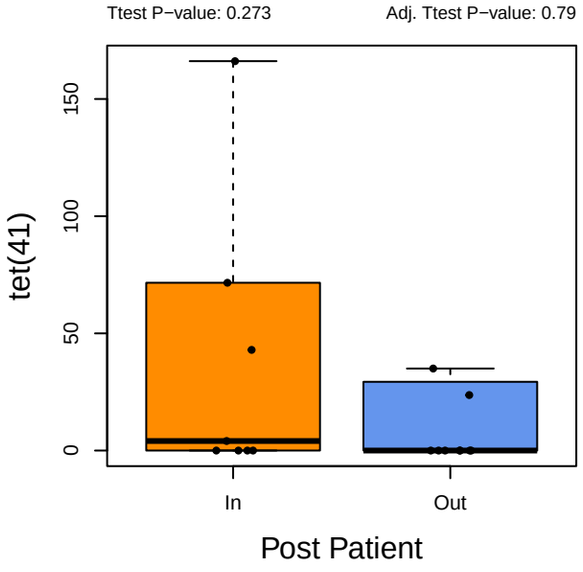

Ttest P−value: 0.354
Adj. Ttest P−value: 0.784
vanY_in_vanA_cl
0
500
1000
1500
In
Out
Post Patient

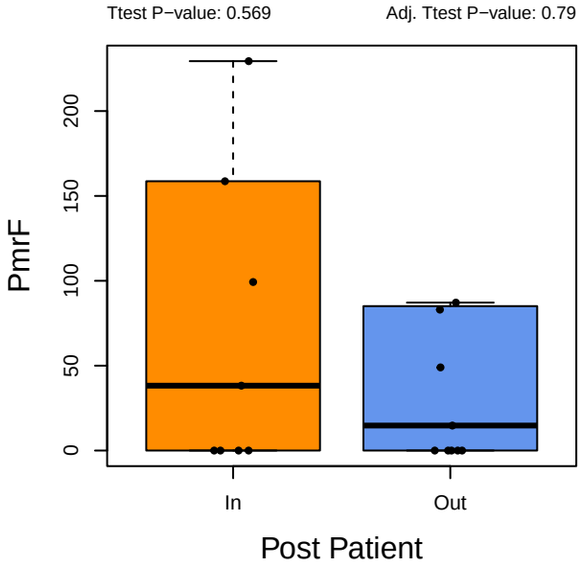

Ttest P−value: 0.986
Adj. Ttest P−value: 0.784
emrY
0
50
100
150
200
250
300
350
In
Out
Post Patient

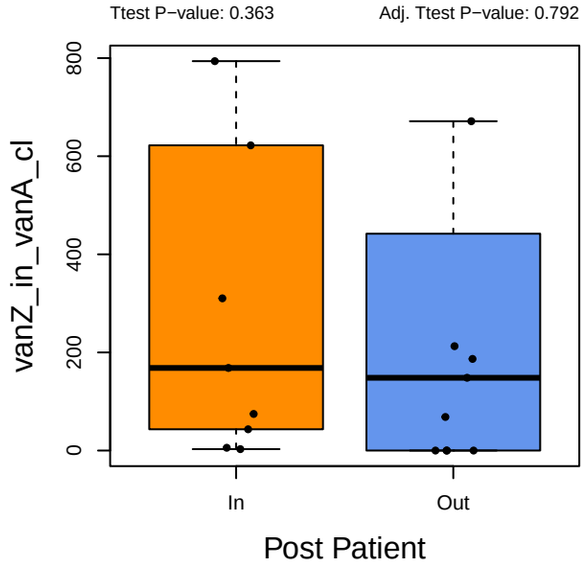

Ttest P−value: 0.21
Adj. Ttest P−value: 0.784
lsaA
0
2000
4000
6000
8000
In
Out
Post Patient

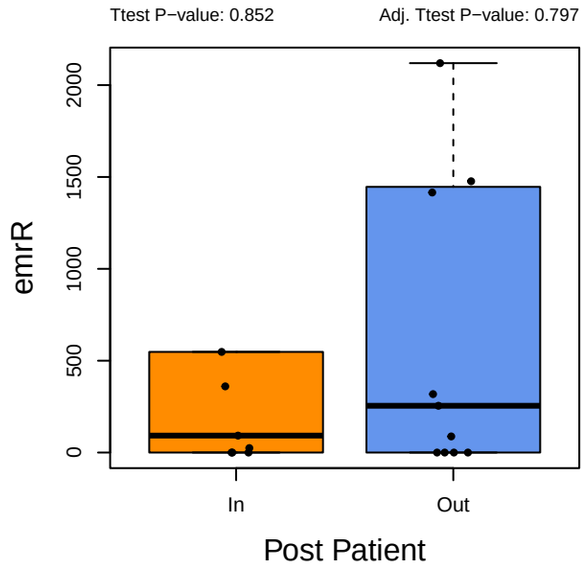

Ttest P−value: 0.467
Adj. Ttest P−value: 0.79
TolC
0
500
1000
1500
2000
2500
In
Out
Post Patient

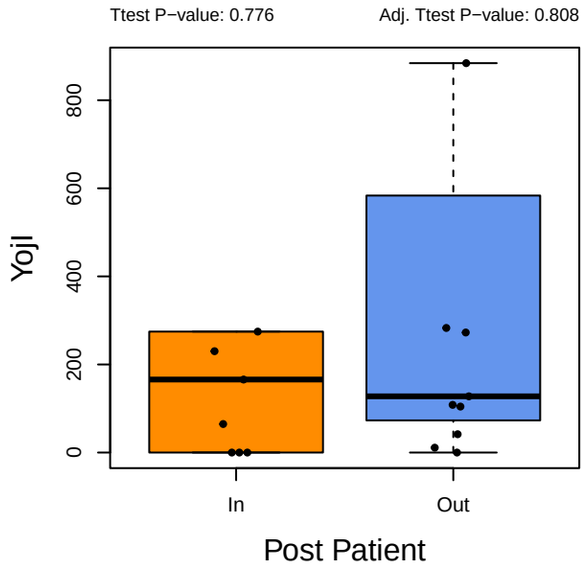

Ttest P−value: 0.0824
Adj. Ttest P−value: 0.79
pmrA
0
100
200
300
400
In
Out
Post Patient

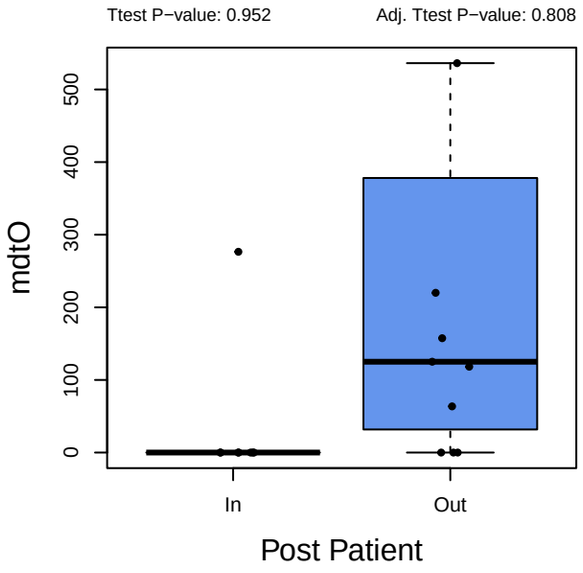

Ttest P−value: 0.273
Adj. Ttest P−value: 0.79
tet(41)
0
50
100
150
In
Out
Post Patient

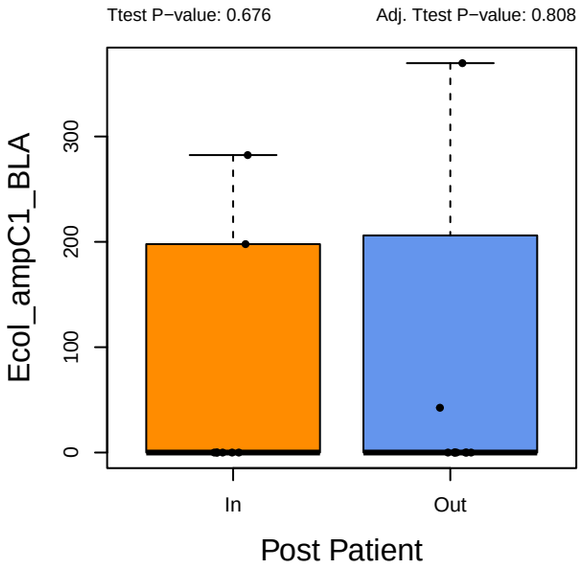

Ttest P−value: 0.569
Adj. Ttest P−value: 0.79
PmrF
0
50
100
150
200
In
Out
Post Patient

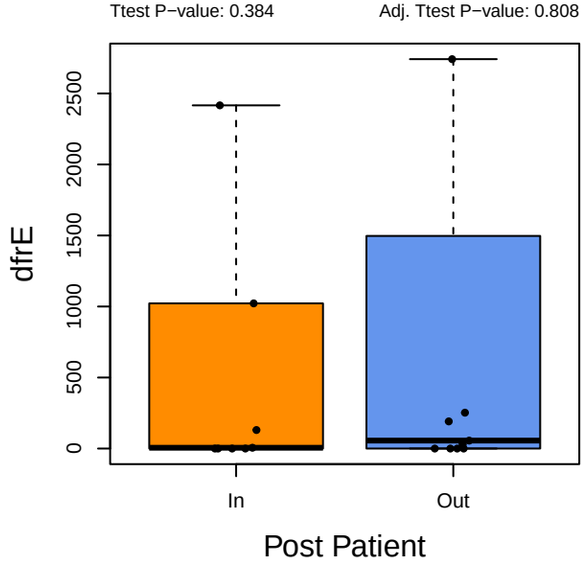

Ttest P−value: 0.363
Adj. Ttest P−value: 0.792
vanZ_in_vanA_cl
0
200
400
600
800
In
Out
Post Patient

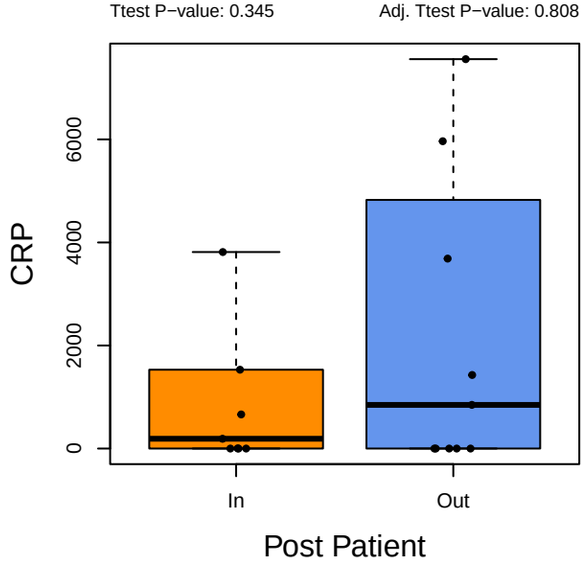

Ttest P−value: 0.852
Adj. Ttest P−value: 0.797
emrR
0
500
1000
1500
2000
In
Out
Post Patient

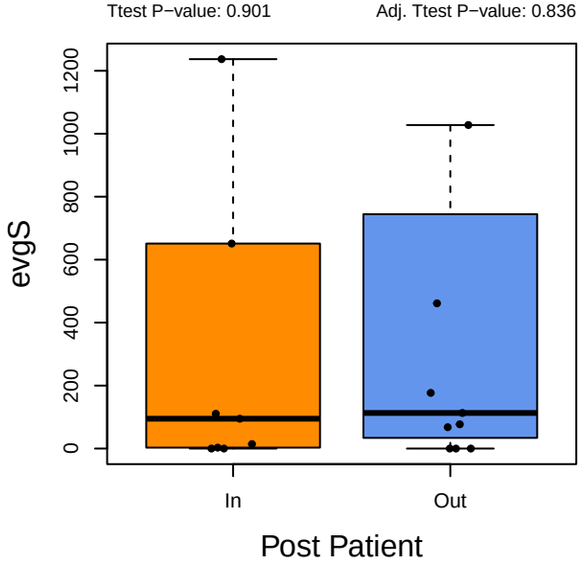

Ttest P−value: 0.776
Adj. Ttest P−value: 0.808
YojI
0
200
400
600
800
In
Out
Post Patient

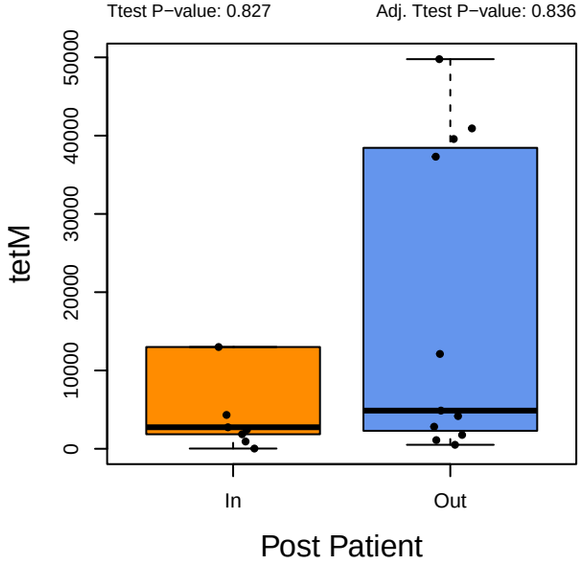

Ttest P−value: 0.952
Adj. Ttest P−value: 0.808
mdtO
0
100
200
300
400
500
In
Out
Post Patient

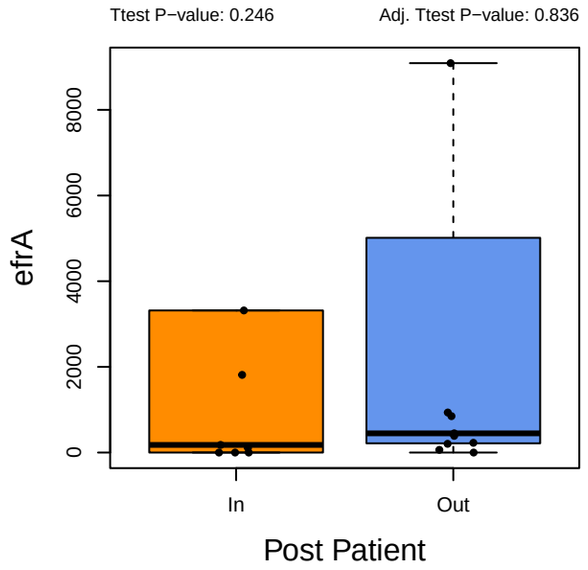

Ttest P−value: 0.676
Adj. Ttest P−value: 0.808
Ecol_ampC1_BLA
0
100
200
300
In
Out
Post Patient

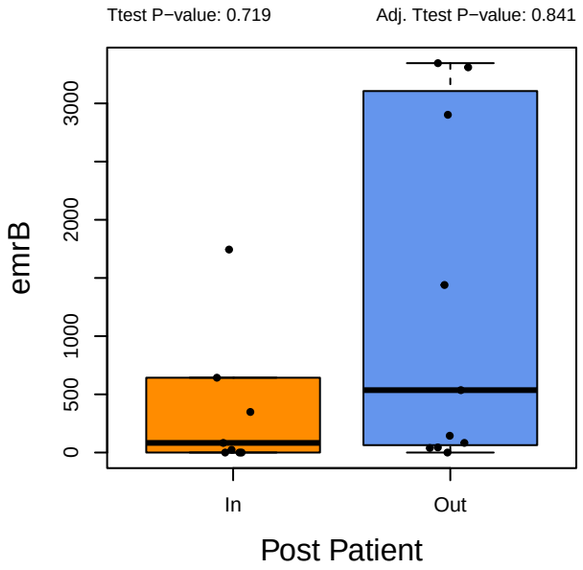

Ttest P−value: 0.384
Adj. Ttest P−value: 0.808
dfrE
0
500
1000
1500
2000
2500
In
Out
Post Patient

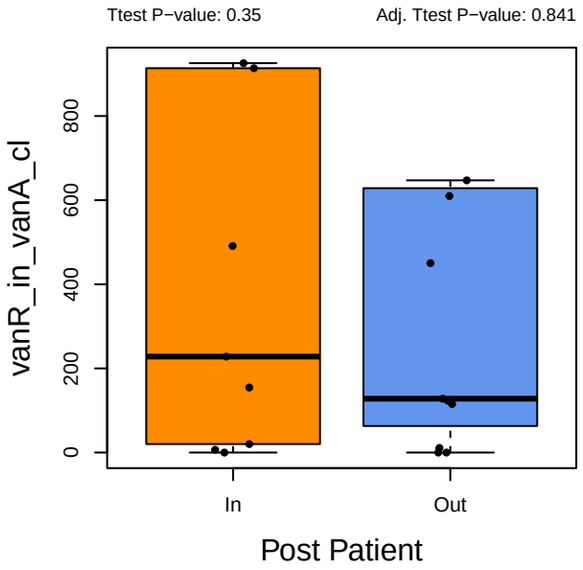

Ttest P−value: 0.345
Adj. Ttest P−value: 0.808
CRP
0
2000
4000
6000
In
Out
Post Patient

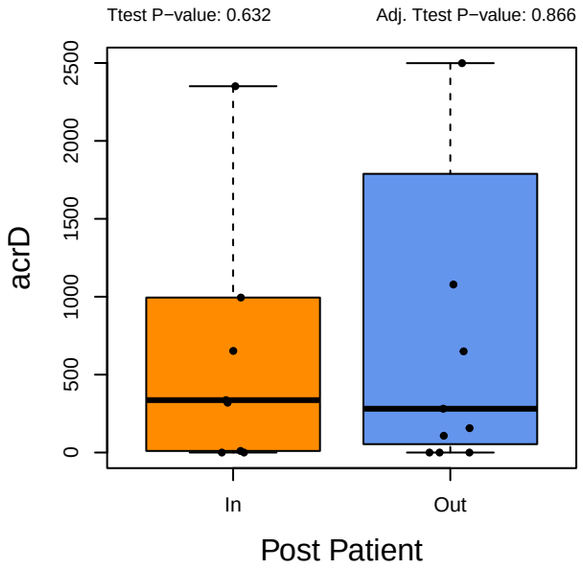

Ttest P−value: 0.901
Adj. Ttest P−value: 0.836
evgS
0
200
400
600
800
1000
1200
In
Out
Post Patient

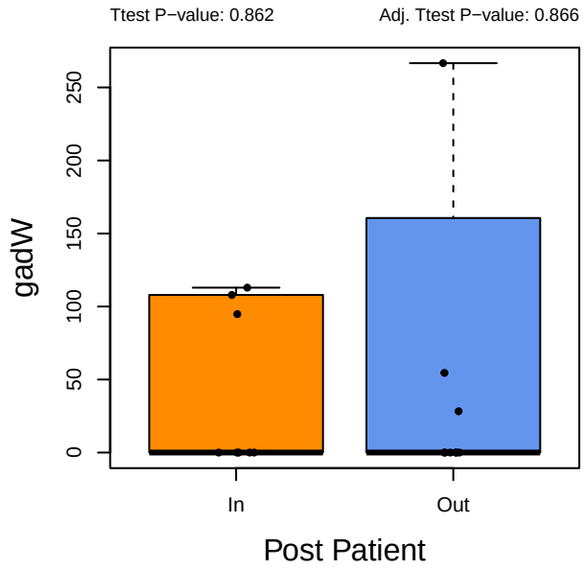

Ttest P−value: 0.827
Adj. Ttest P−value: 0.836
tetM
0
10000
20000
30000
40000
50000
In
Out
Post Patient

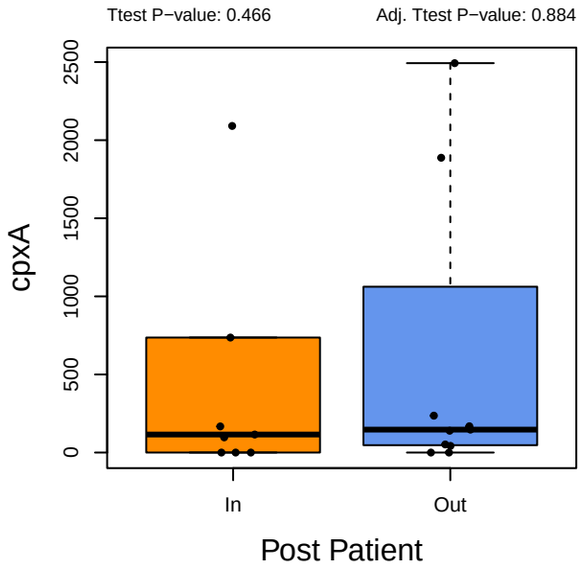

Ttest P−value: 0.246
Adj. Ttest P−value: 0.836
efrA
0
2000
4000
6000
8000
In
Out
Post Patient

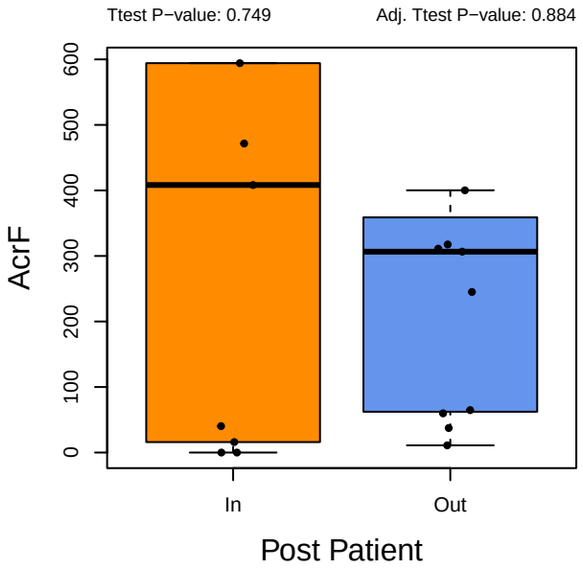

Ttest P−value: 0.719
Adj. Ttest P−value: 0.841
emrB
0
500
1000
2000
3000
In
Out
Post Patient

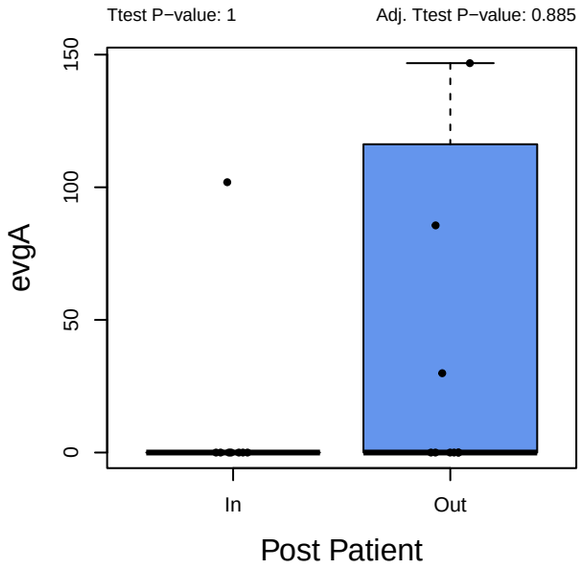

Ttest P−value: 0.35
Adj. Ttest P−value: 0.841
vanR_in_vanA_cl
0
200
400
600
800
In
Out
Post Patient

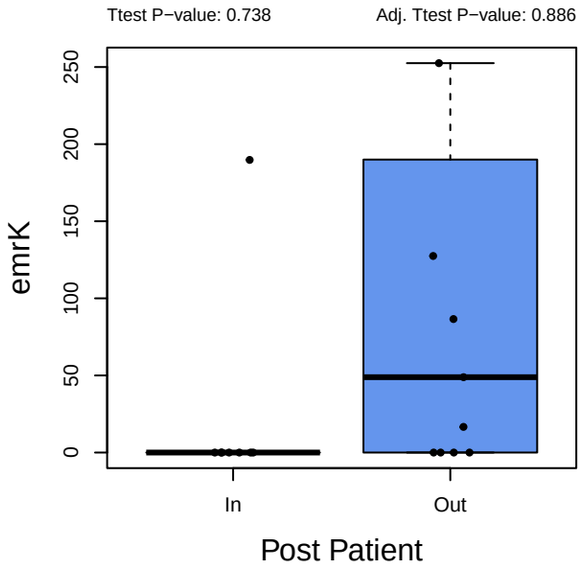

Ttest P−value: 0.632
Adj. Ttest P−value: 0.866
acrD
0
500
1000
1500
2000
2500
In
Out
Post Patient

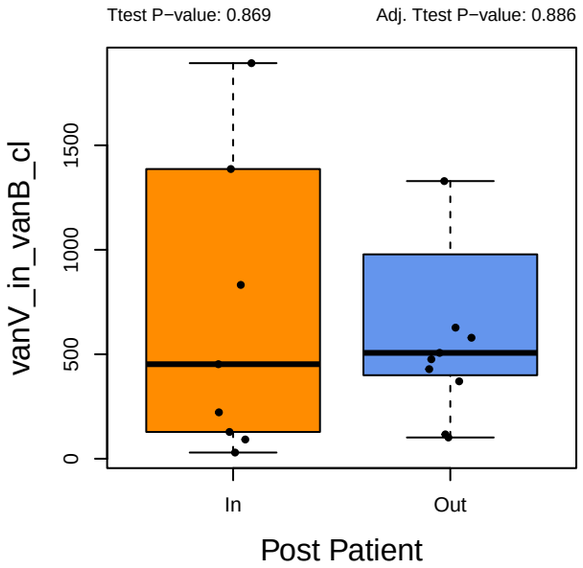

Ttest P−value: 0.862
Adj. Ttest P−value: 0.866
gadW
0
50
100
150
200
250
In
Out
Post Patient

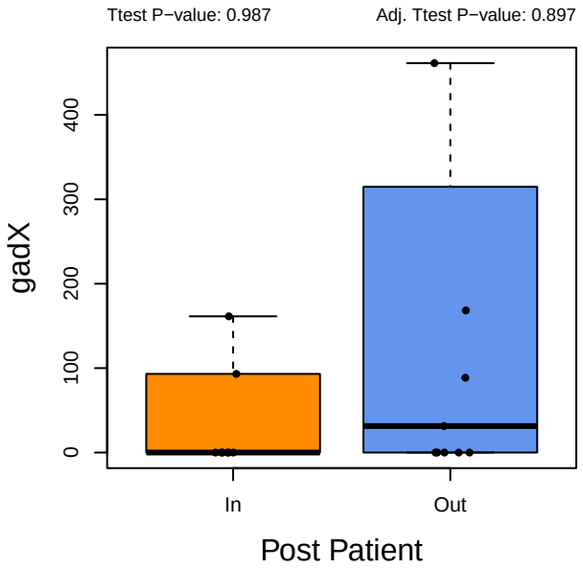

Ttest P−value: 0.466
Adj. Ttest P−value: 0.884
cpxA
0
500
1000
1500
2000
2500
In
Out
Post Patient

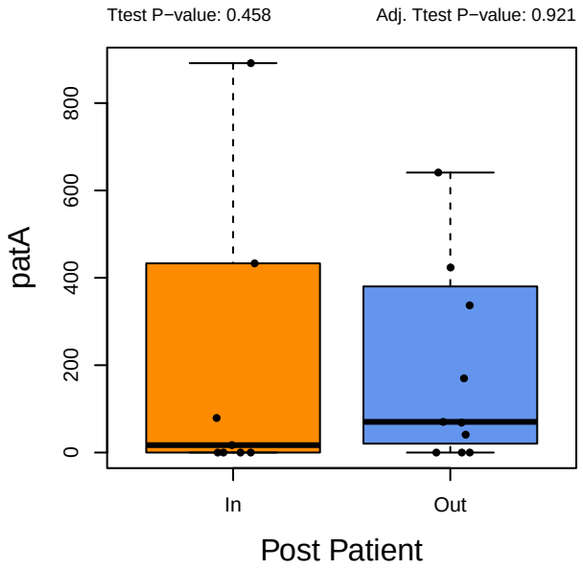

Ttest P−value: 0.749
Adj. Ttest P−value: 0.884
AcrF
0
100
200
300
400
500
600
In
Out
Post Patient

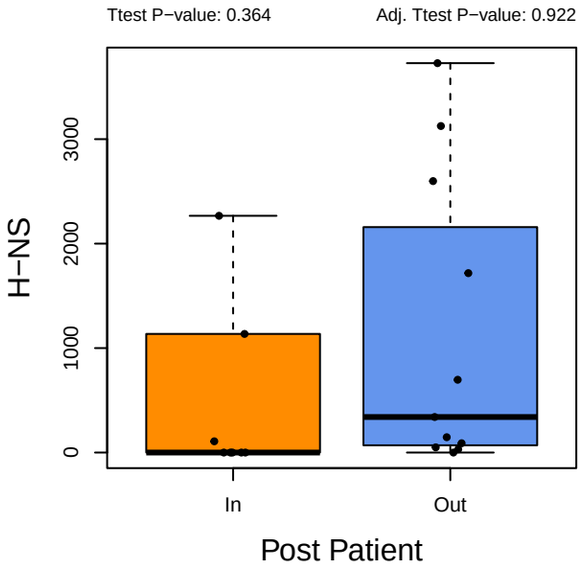

Ttest P−value: 1
Adj. Ttest P−value: 0.885
evgA
0
50
100
150
In
Out
Post Patient

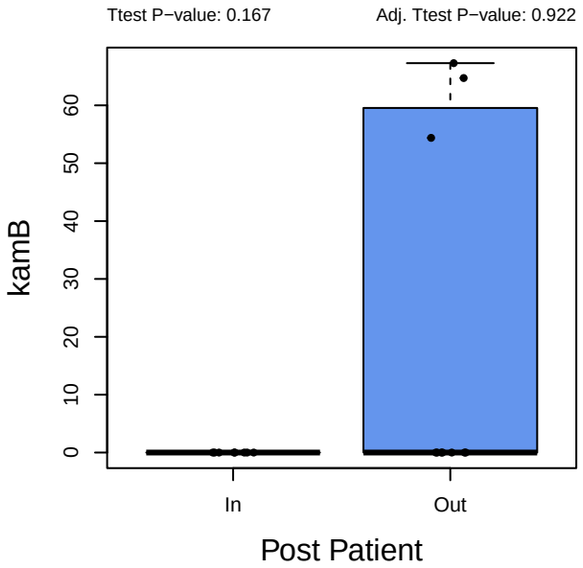

Ttest P−value: 0.738
Adj. Ttest P−value: 0.886
emrK
0
50
100
150
200
250
In
Out
Post Patient

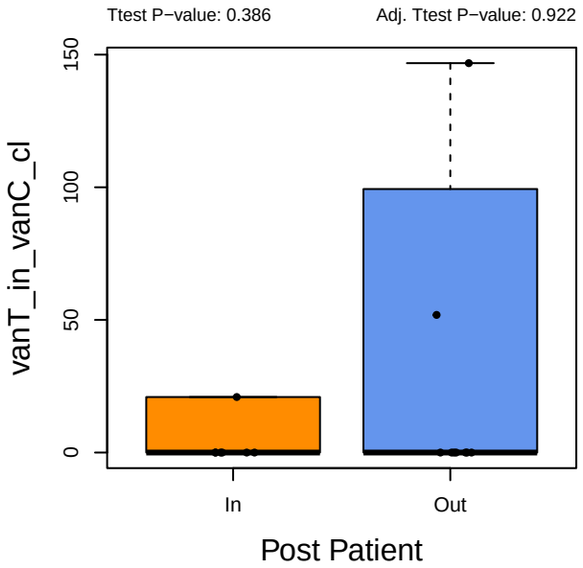

Ttest P−value: 0.869
Adj. Ttest P−value: 0.886
vanV_in_vanB_cl
0
500
1000
1500
In
Out
Post Patient

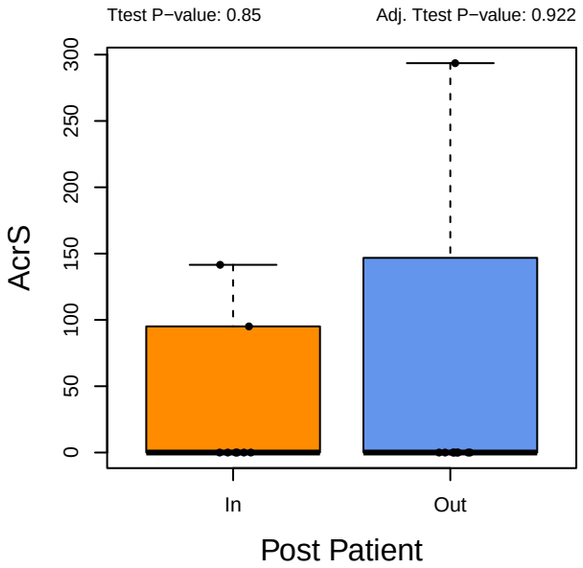

Ttest P−value: 0.987
Adj. Ttest P−value: 0.897
gadX
0
100
200
300
400
In
Out
Post Patient

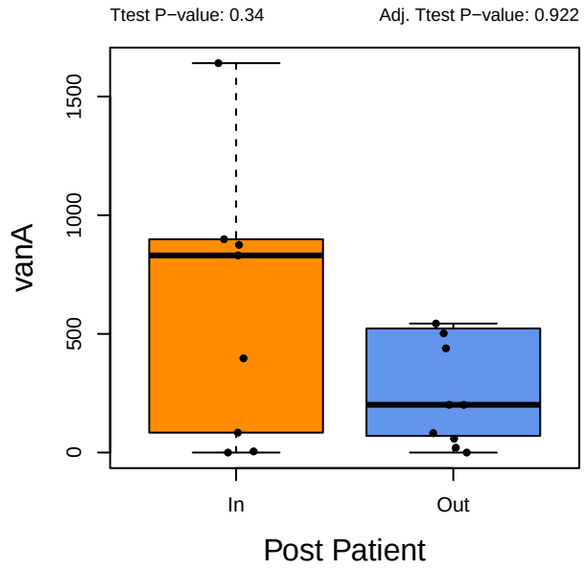

Ttest P−value: 0.458
Adj. Ttest P−value: 0.921
patA
0
200
400
600
800
In
Out
Post Patient

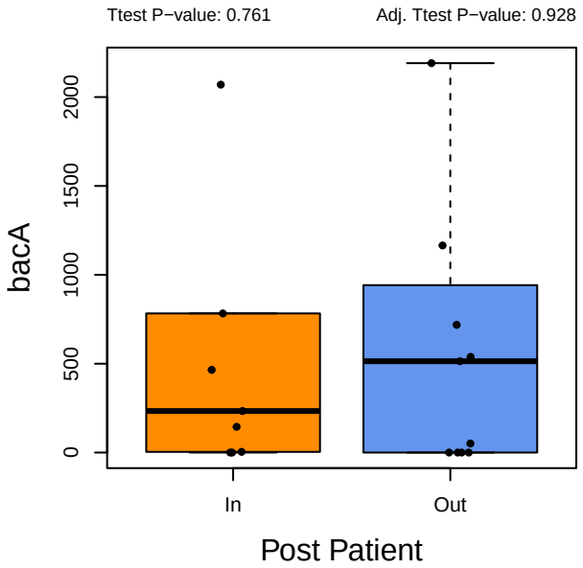

Ttest P−value: 0.364
Adj. Ttest P−value: 0.922
H−NS
0
1000
2000
3000
In
Out
Post Patient

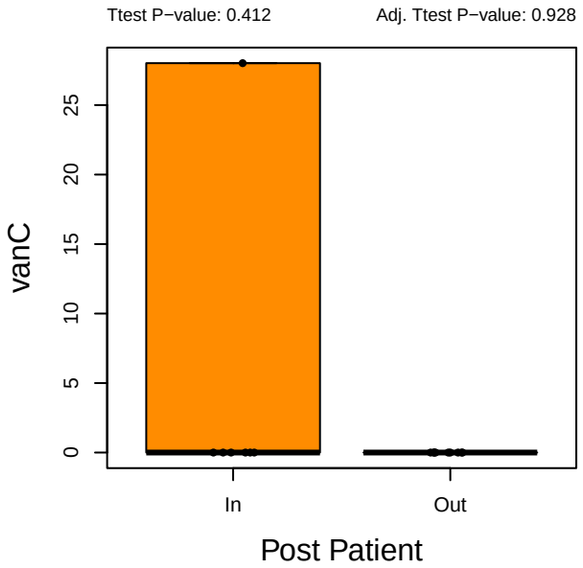

Ttest P−value: 0.167
Adj. Ttest P−value: 0.922
kamB
0
10
20
30
40
50
60
In
Out
Post Patient

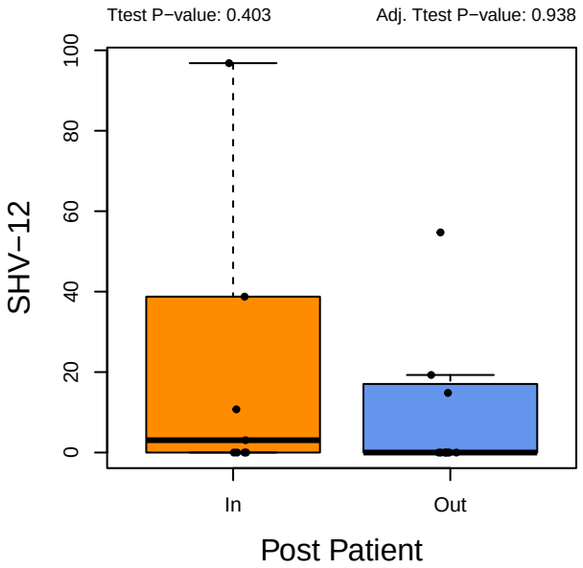

Ttest P−value: 0.386
Adj. Ttest P−value: 0.922
vanT_in_vanC_cl
0
50
100
150
In
Out
Post Patient

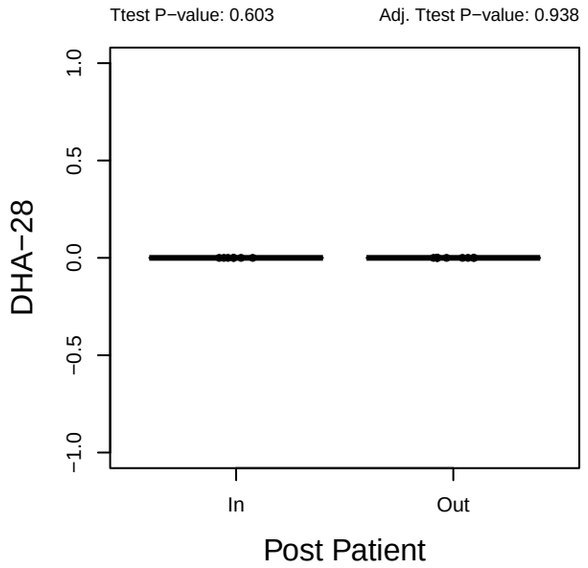

Ttest P−value: 0.85
Adj. Ttest P−value: 0.922
AcrS
0
50
100
150
200
250
300
In
Out
Post Patient

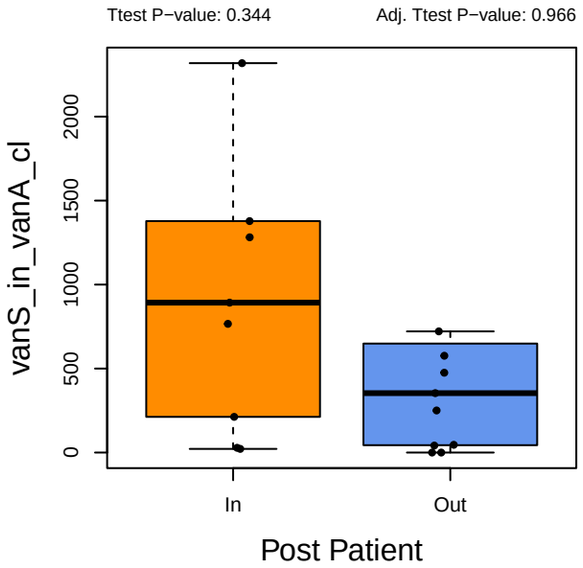

Ttest P−value: 0.34
Adj. Ttest P−value: 0.922
vanA
0
500
1000
1500
In
Out
Post Patient

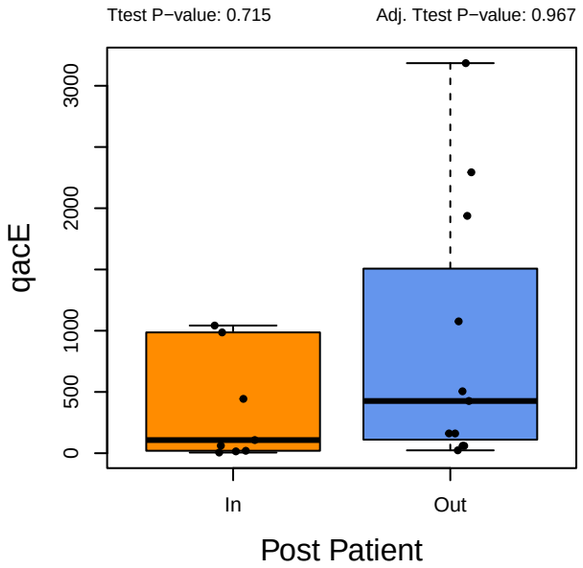

Ttest P−value: 0.761
Adj. Ttest P−value: 0.928
bacA
0
500
1000
1500
2000
In
Out
Post Patient

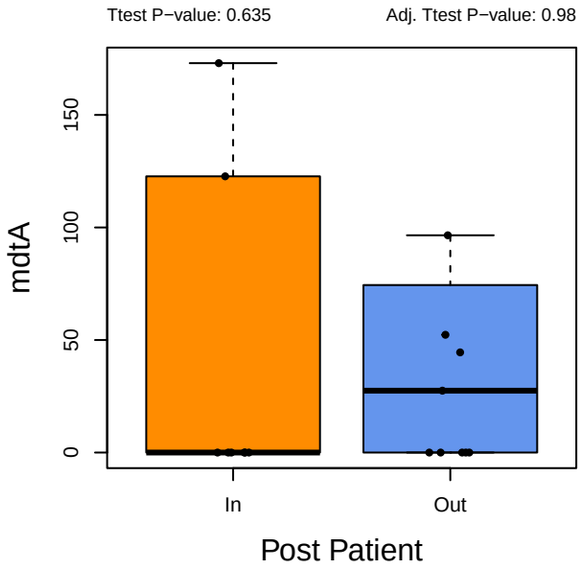

Ttest P−value: 0.412
Adj. Ttest P−value: 0.928
vanC
0
5
10
15
20
25
In
Out
Post Patient

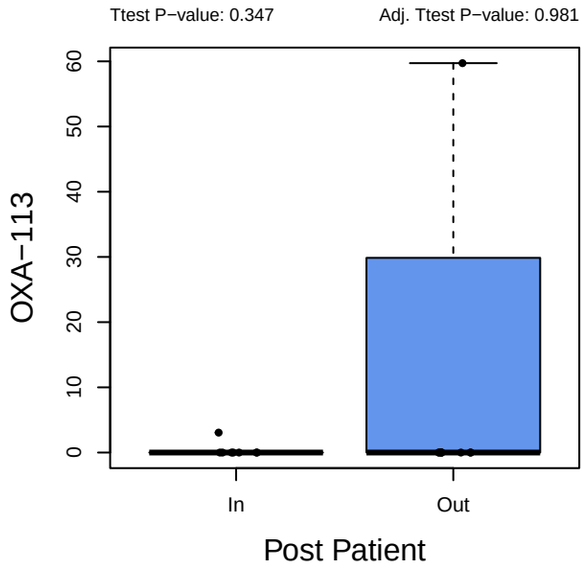

Ttest P−value: 0.403
Adj. Ttest P−value: 0.938
SHV−12
0
20
40
60
80
100
In
Out
Post Patient

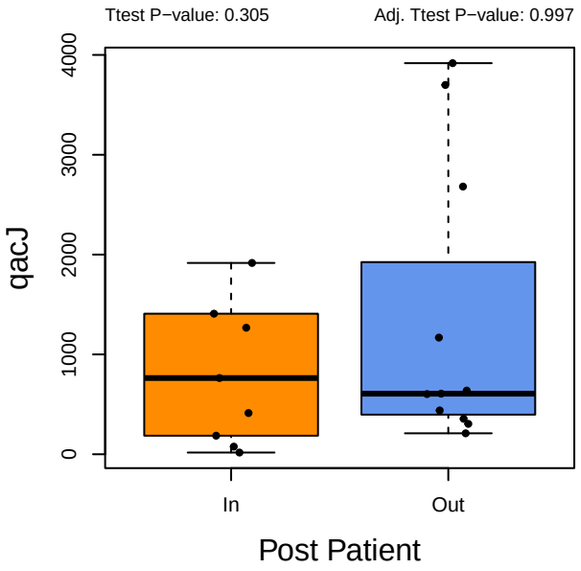

Ttest P−value: 0.603
Adj. Ttest P−value: 0.938
DHA−28
−1.0
−0.5
0.0
0.5
1.0
In
Out
Post Patient

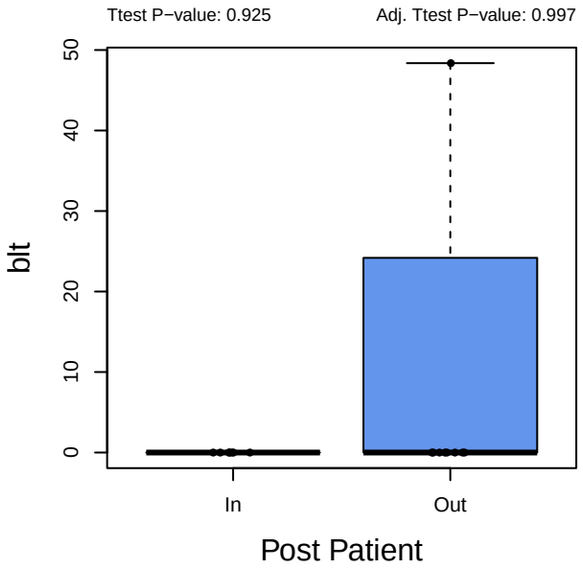

Ttest P−value: 0.344
Adj. Ttest P−value: 0.966
vanS_in_vanA_cl
0
500
1000
1500
2000
In
Out
Post Patient


Ttest P−value: 0.715
Adj. Ttest P−value: 0.967
qacE
0
500
1000
2000
3000
In
Out
Post Patient


Ttest P−value: 0.635
Adj. Ttest P−value: 0.98
mdtA
0
50
100
150
In
Out
Post Patient


Ttest P−value: 0.347
Adj. Ttest P−value: 0.981
OXA−113
0
10
20
30
40
50
60
In
Out
Post Patient


Ttest P−value: 0.305
Adj. Ttest P−value: 0.997
qacJ
0
1000
2000
3000
4000
In
Out
Post Patient


Ttest P−value: 0.925
Adj. Ttest P−value: 0.997
blt
0
10
20
30
40
50
In
Out
Post Patient