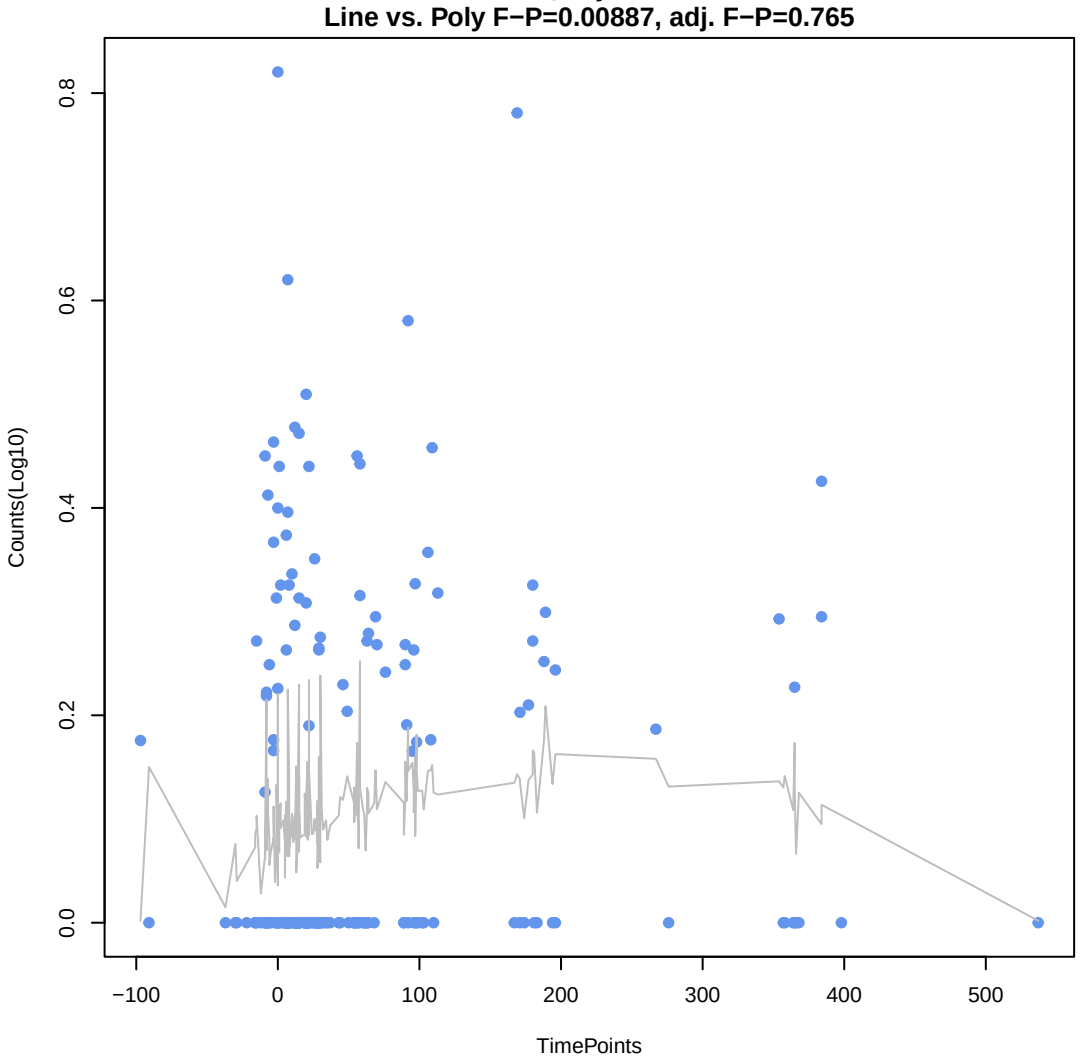
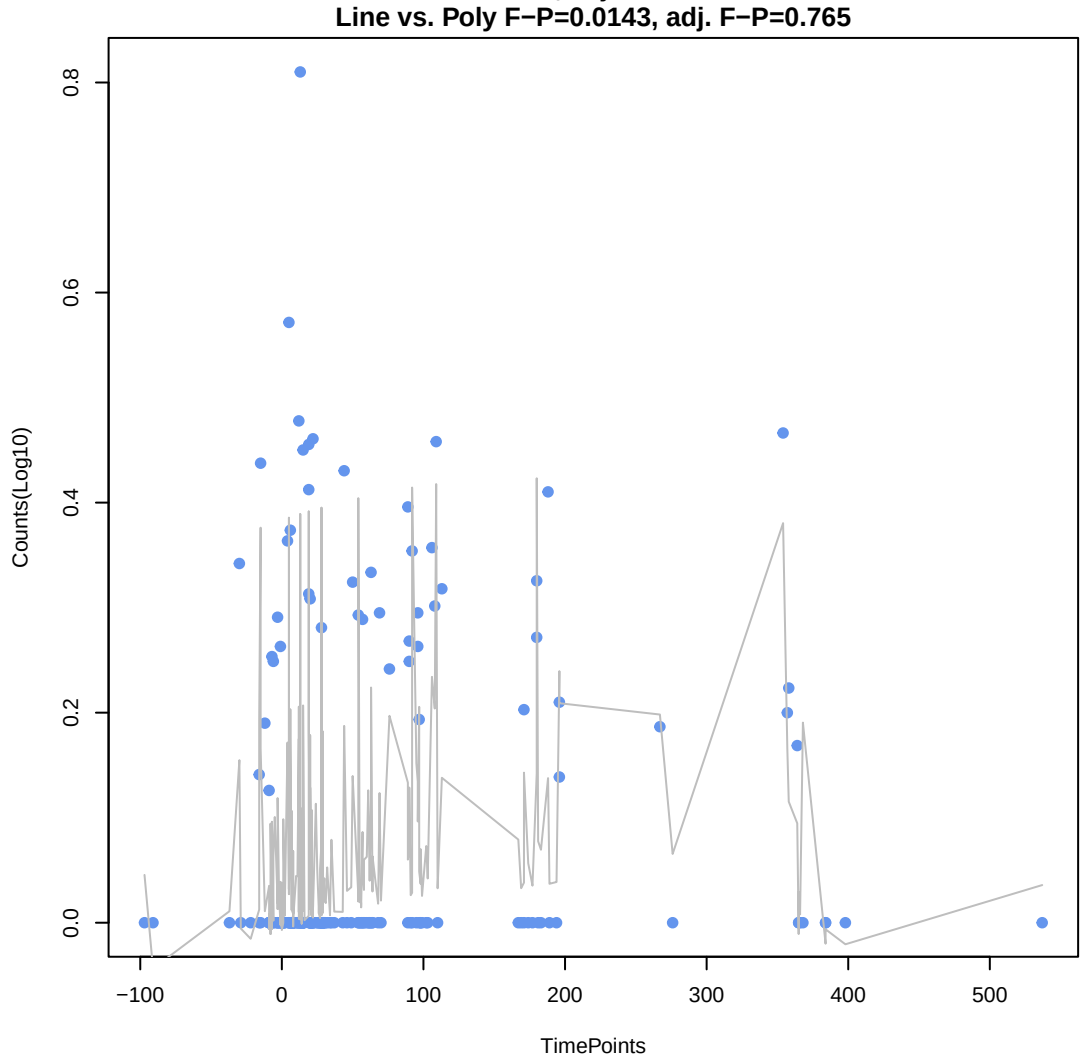
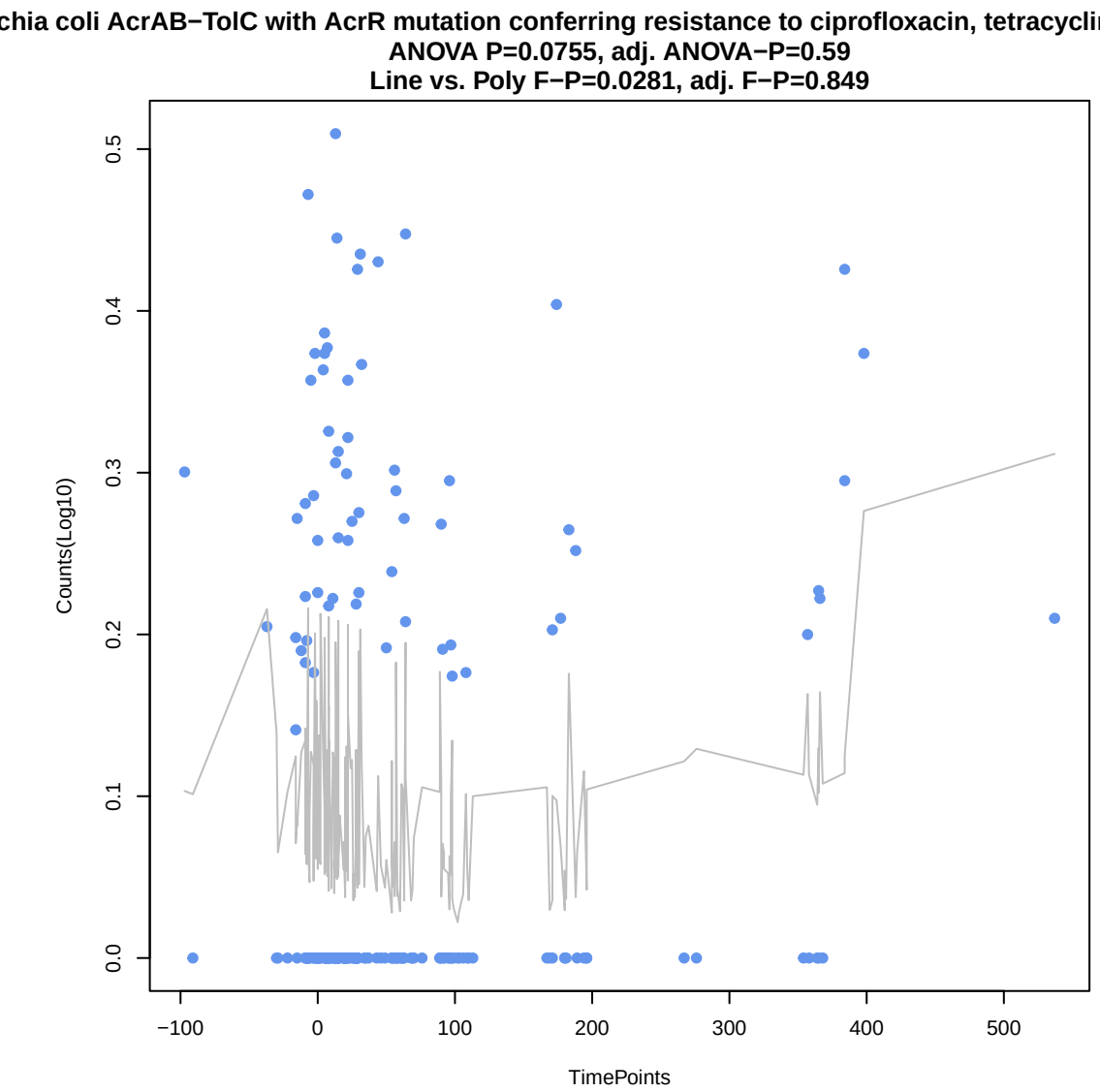
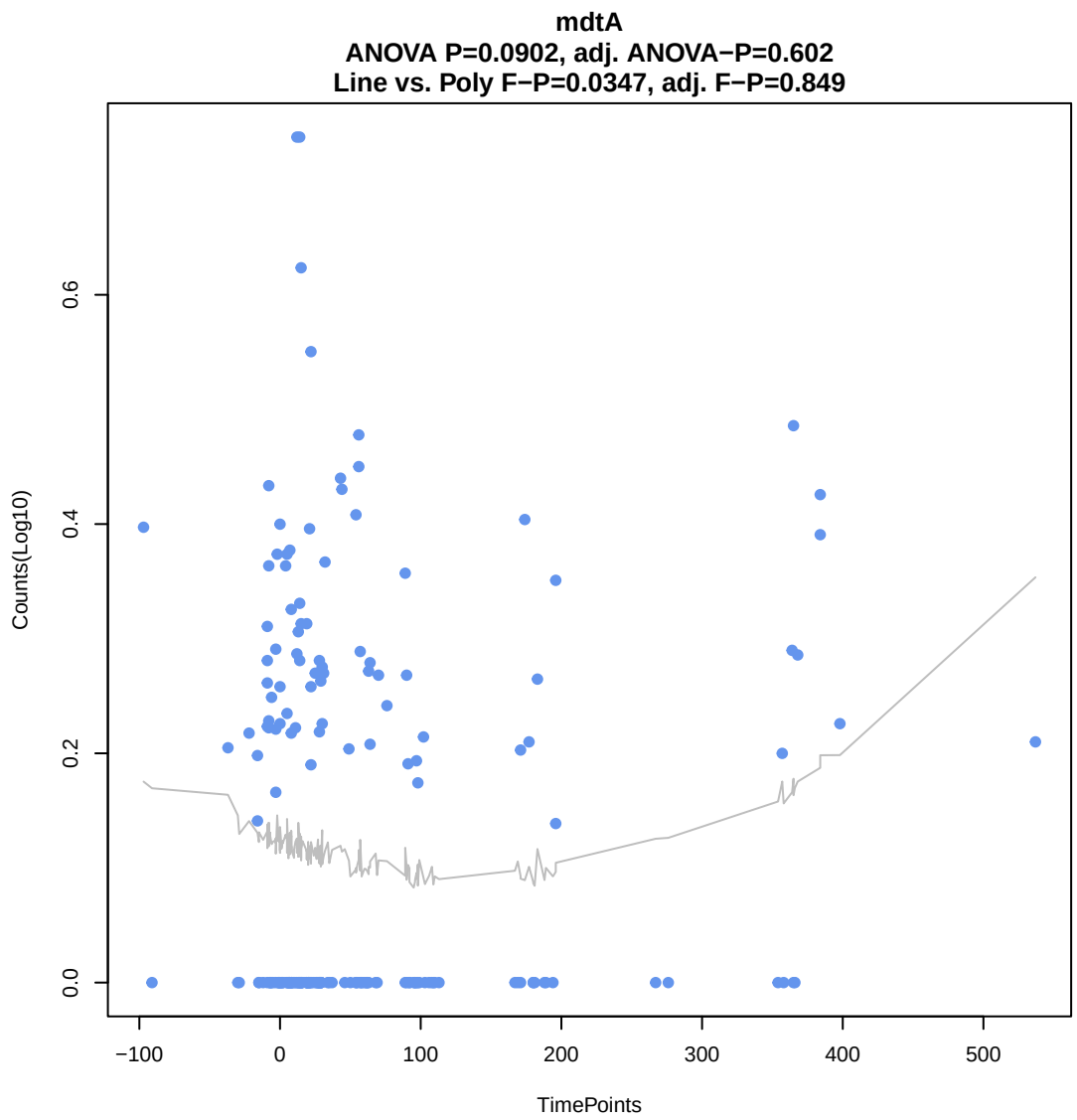
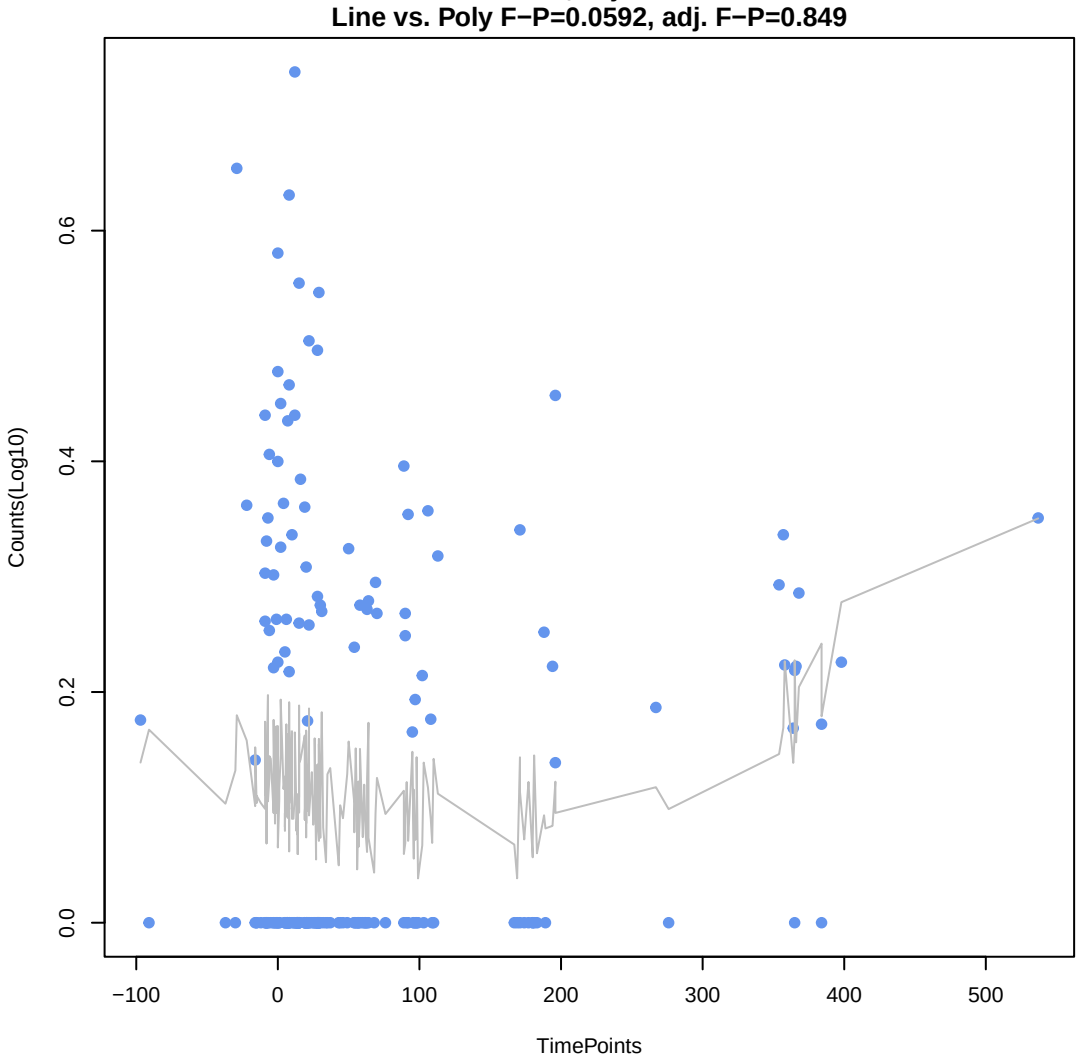
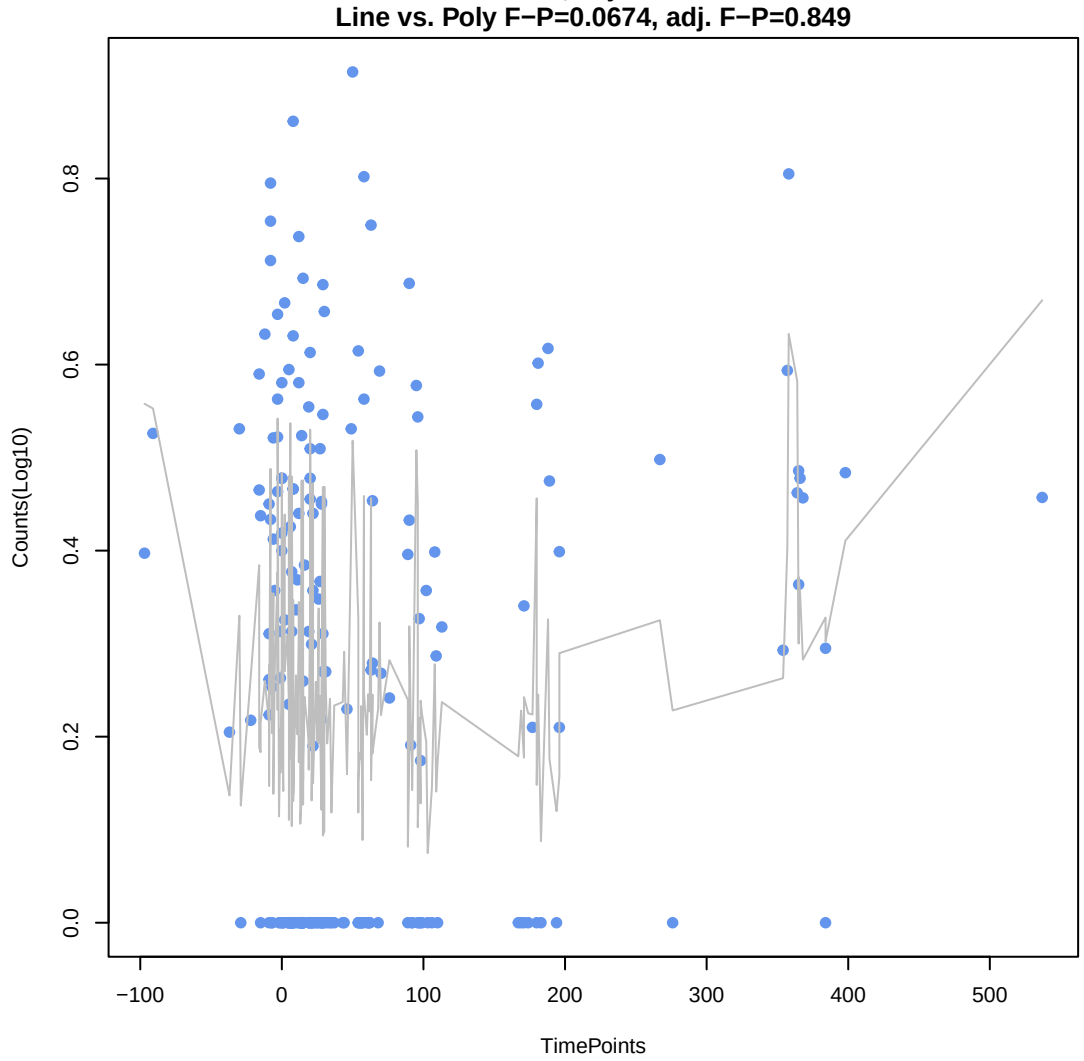

farB
ANOVA P=0.105, adj. ANOVA−P=0.614
Line vs. Poly F−P=0.00887, adj. F−P=0.765
Counts(Log10)
TimePoints

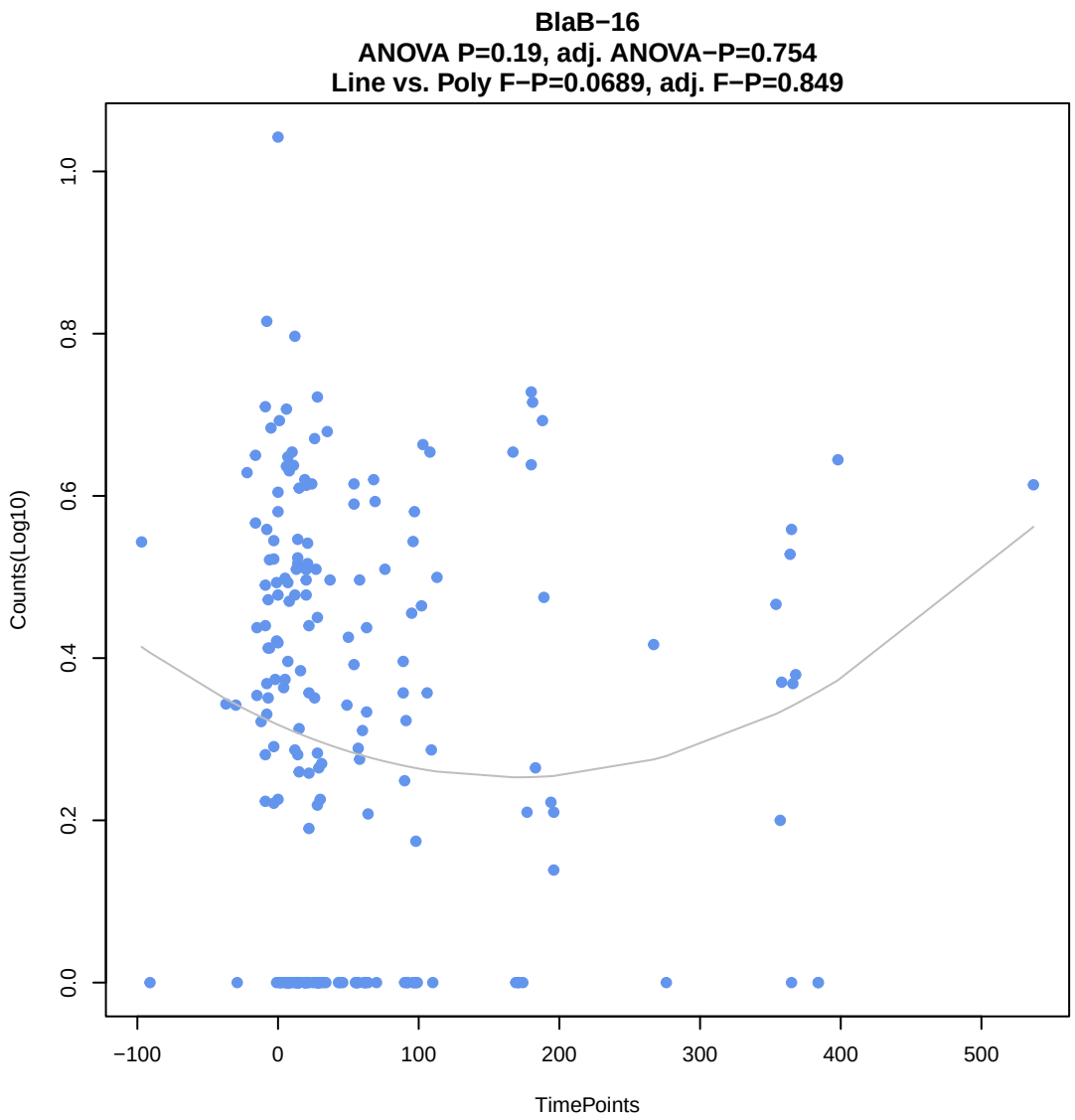

vanR gene in vanE cluster
ANOVA P=0.059, adj. ANOVA−P=0.526
Line vs. Poly F−P=0.0143, adj. F−P=0.765
Counts(Log10)
TimePoints

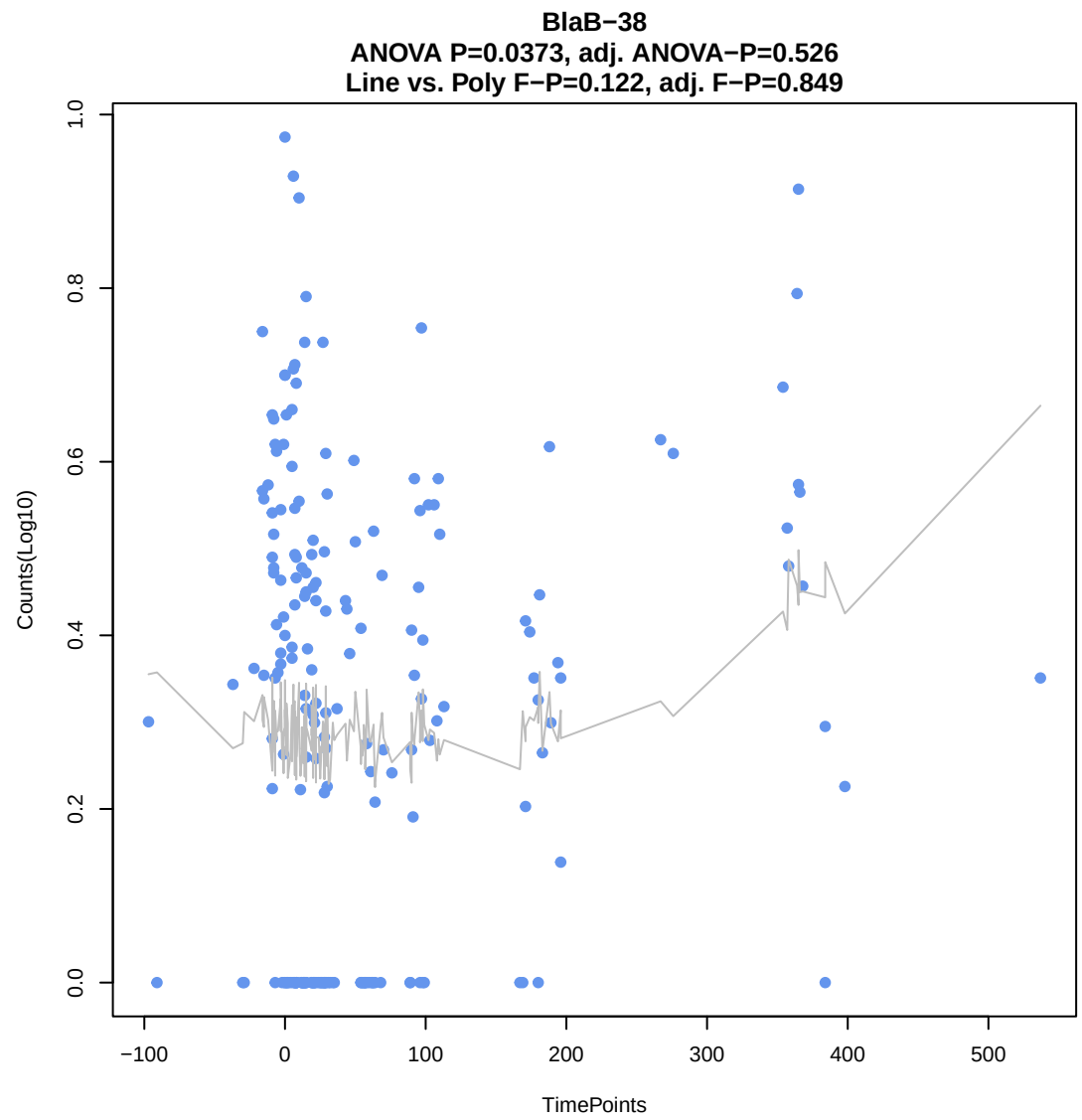

chia coli AcrAB−TolC with AcrR mutation conferring resistance to ciprofloxacin, tetracyclin
ANOVA P=0.0755, adj. ANOVA−P=0.59
Line vs. Poly F−P=0.0281, adj. F−P=0.849
Counts(Log10)
TimePoints

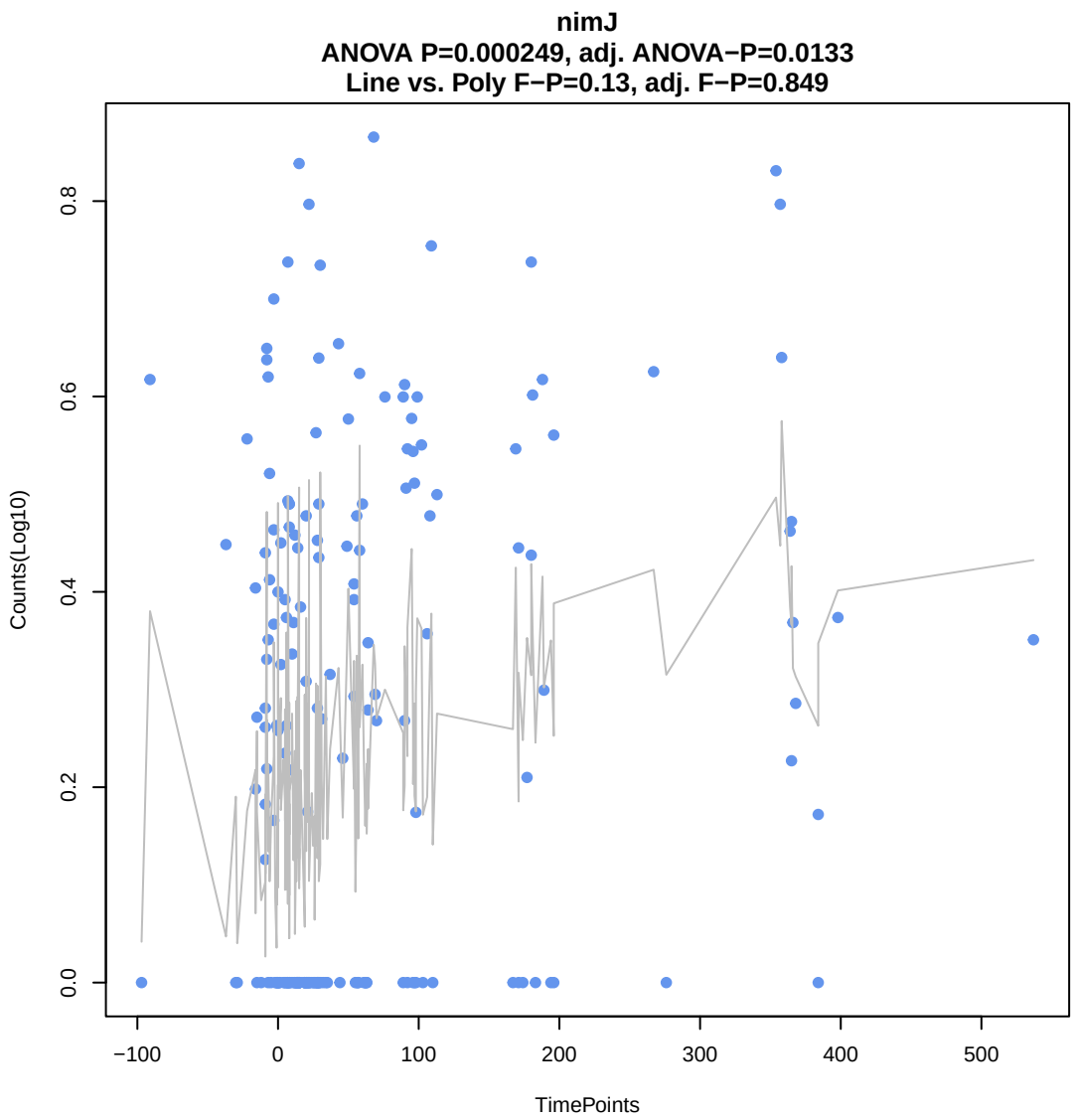

mdtA
ANOVA P=0.0902, adj. ANOVA−P=0.602
Line vs. Poly F−P=0.0347, adj. F−P=0.849
Counts(Log10)
TimePoints

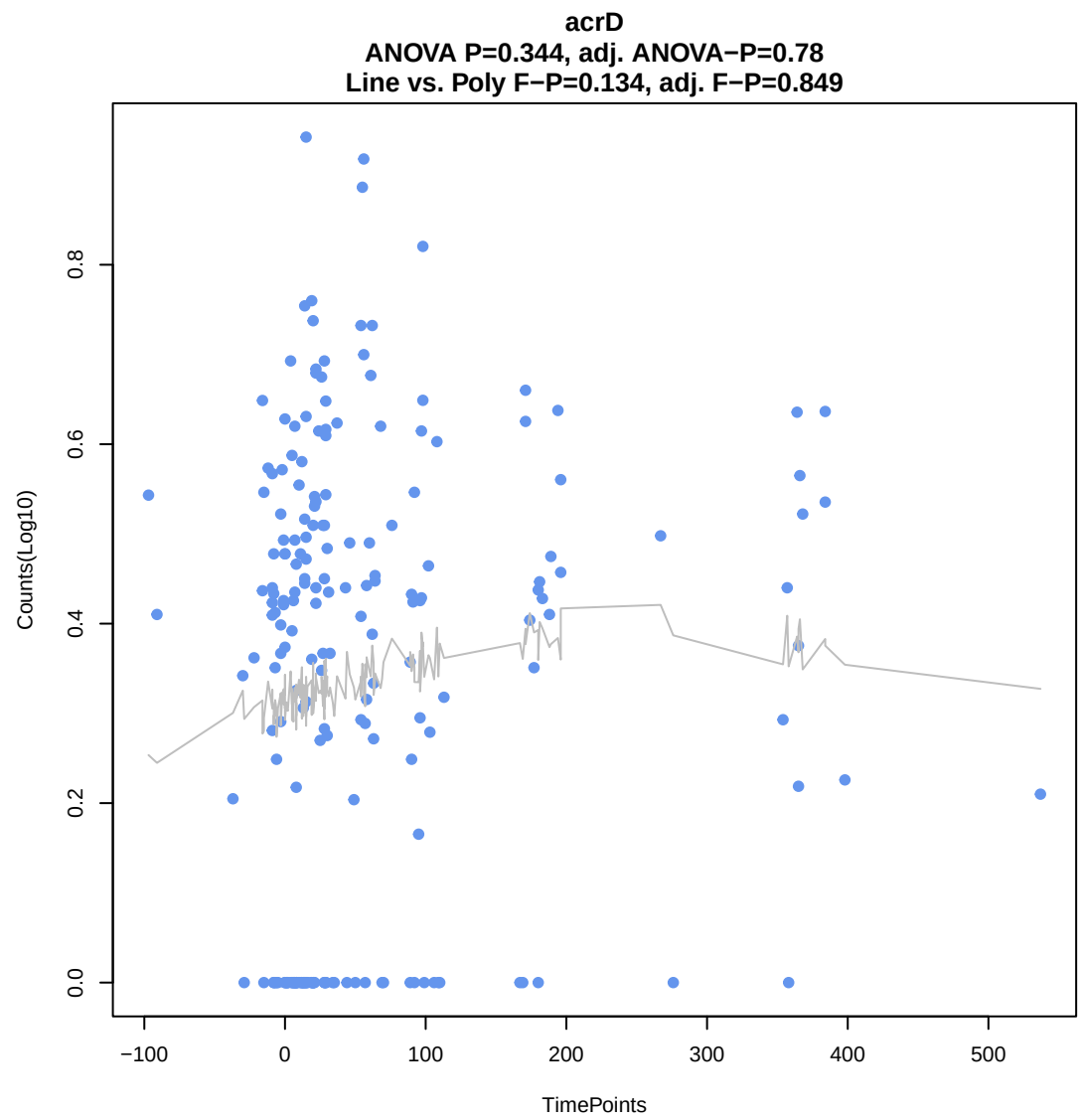

vanS gene in vanD cluster
ANOVA P=0.0828, adj. ANOVA−P=0.59
Line vs. Poly F−P=0.0592, adj. F−P=0.849
Counts(Log10)
TimePoints

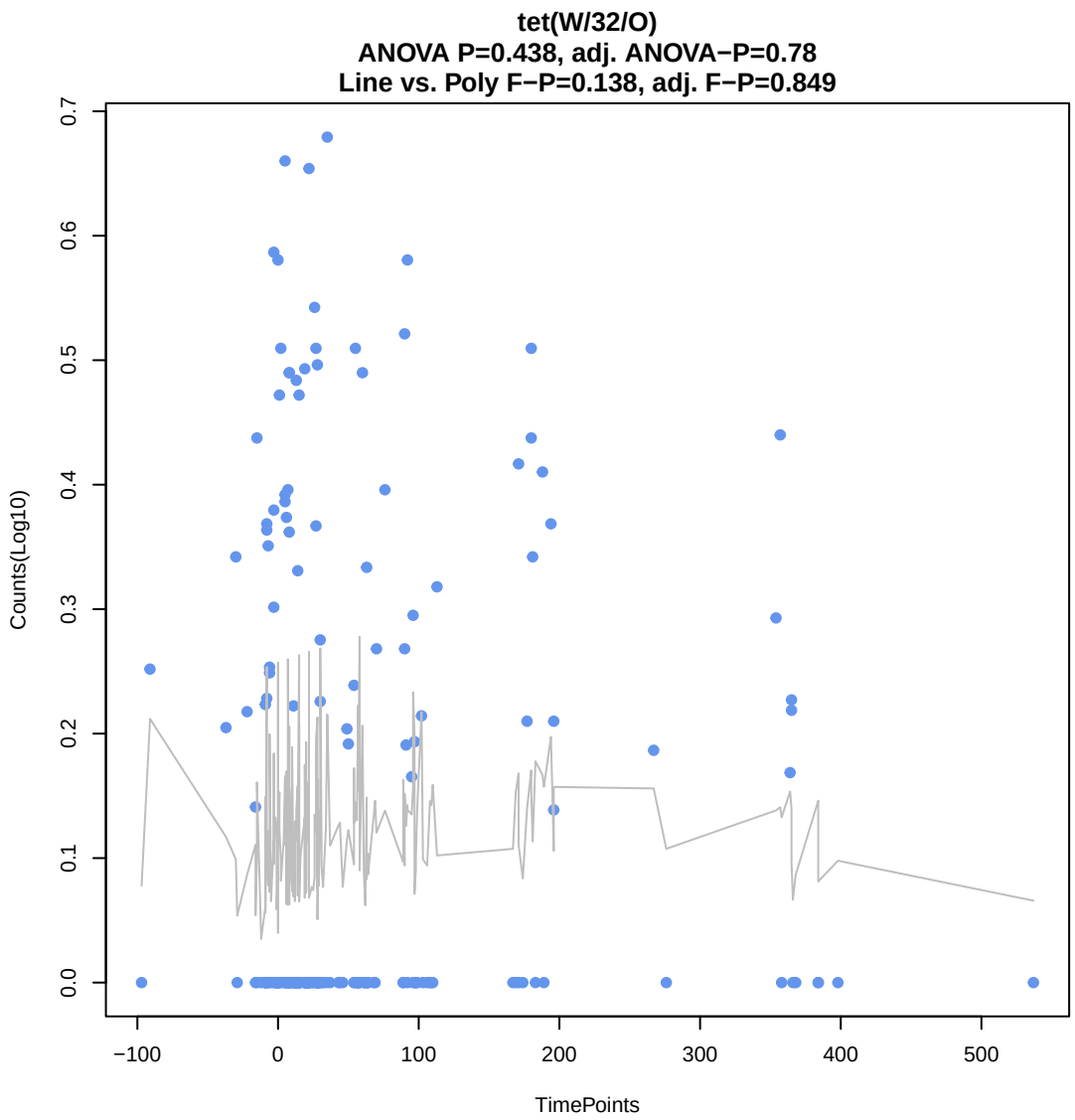

mefH
ANOVA P=0.0448, adj. ANOVA−P=0.526
Line vs. Poly F−P=0.0674, adj. F−P=0.849
Counts(Log10)
TimePoints

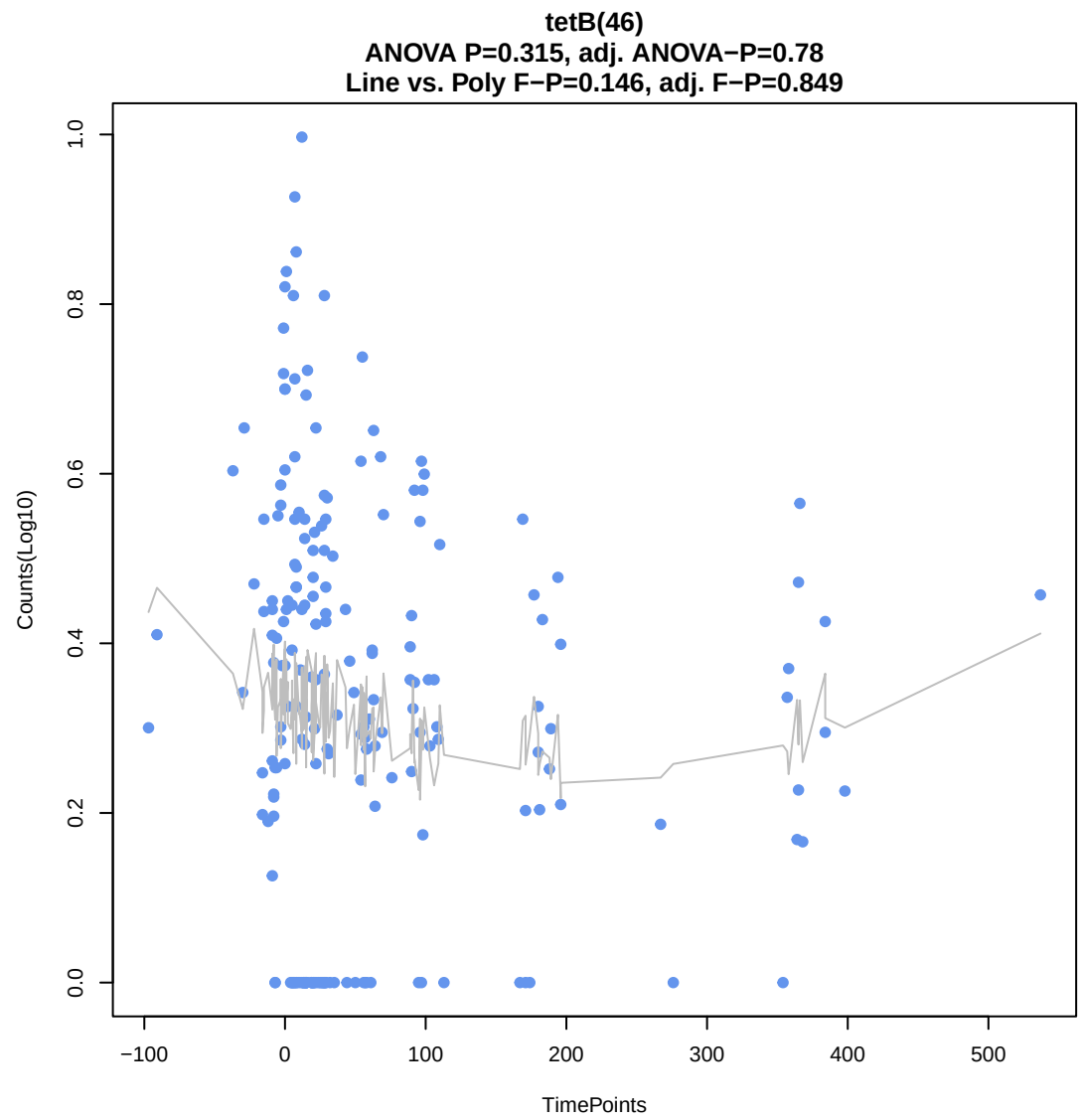

BlaB−16
ANOVA P=0.19, adj. ANOVA−P=0.754
Line vs. Poly F−P=0.0689, adj. F−P=0.849
Counts(Log10)
TimePoints

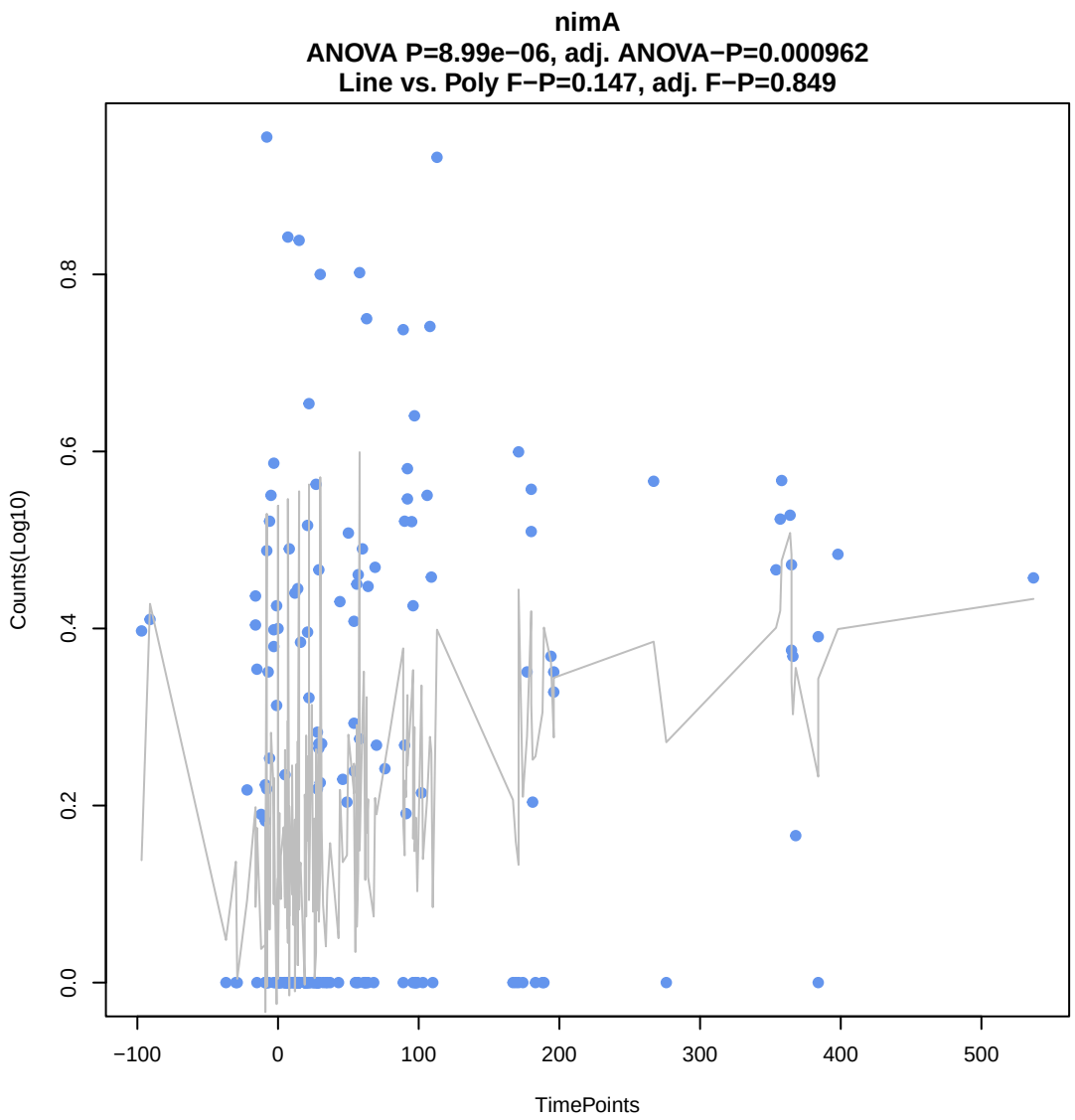

BlaB−38
ANOVA P=0.0373, adj. ANOVA−P=0.526
Line vs. Poly F−P=0.122, adj. F−P=0.849
Counts(Log10)
TimePoints

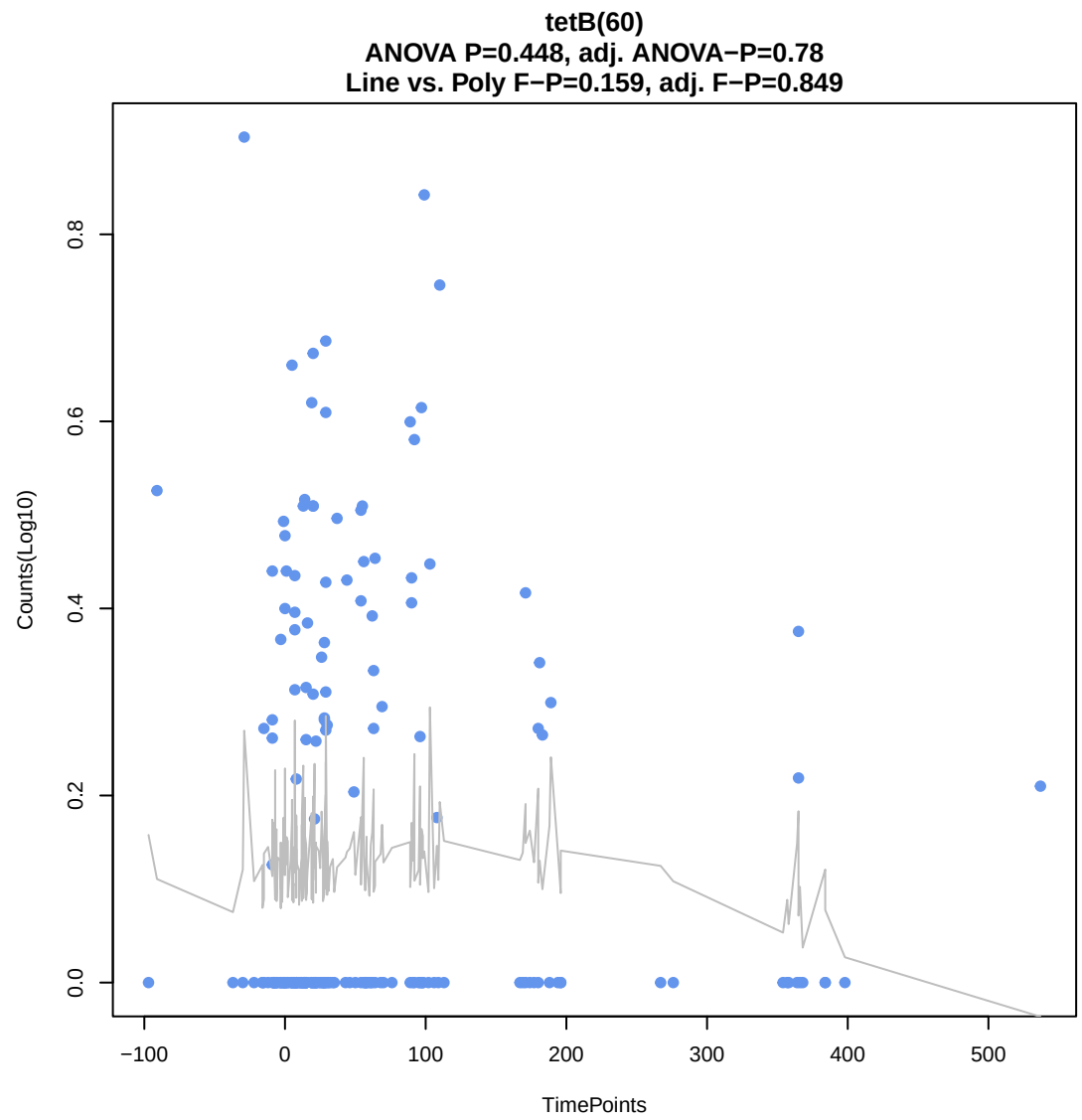

nimJ
ANOVA P=0.000249, adj. ANOVA−P=0.0133
Line vs. Poly F−P=0.13, adj. F−P=0.849
Counts(Log10)
TimePoints

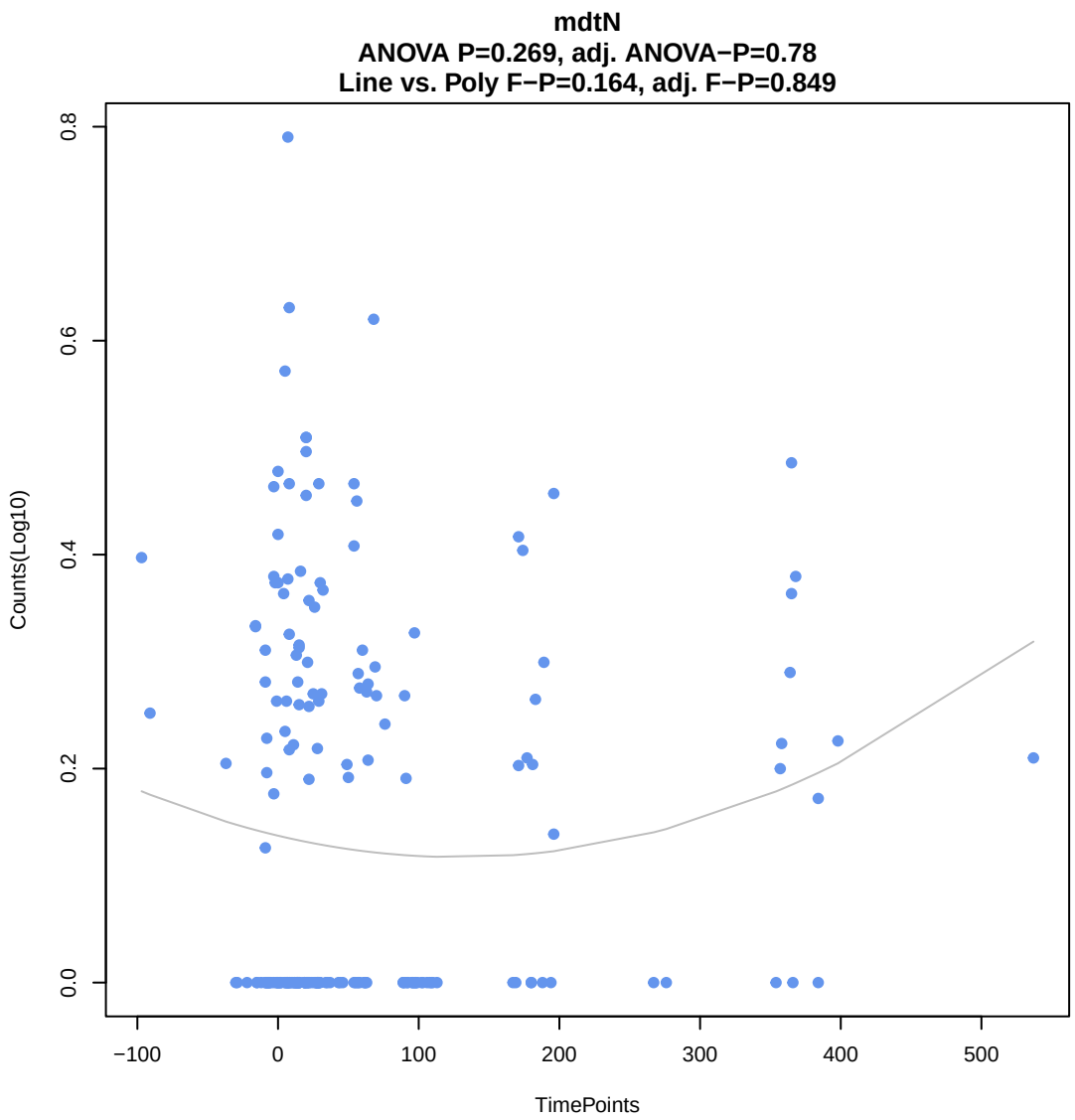

acrD
ANOVA P=0.344, adj. ANOVA−P=0.78
Line vs. Poly F−P=0.134, adj. F−P=0.849
Counts(Log10)
TimePoints

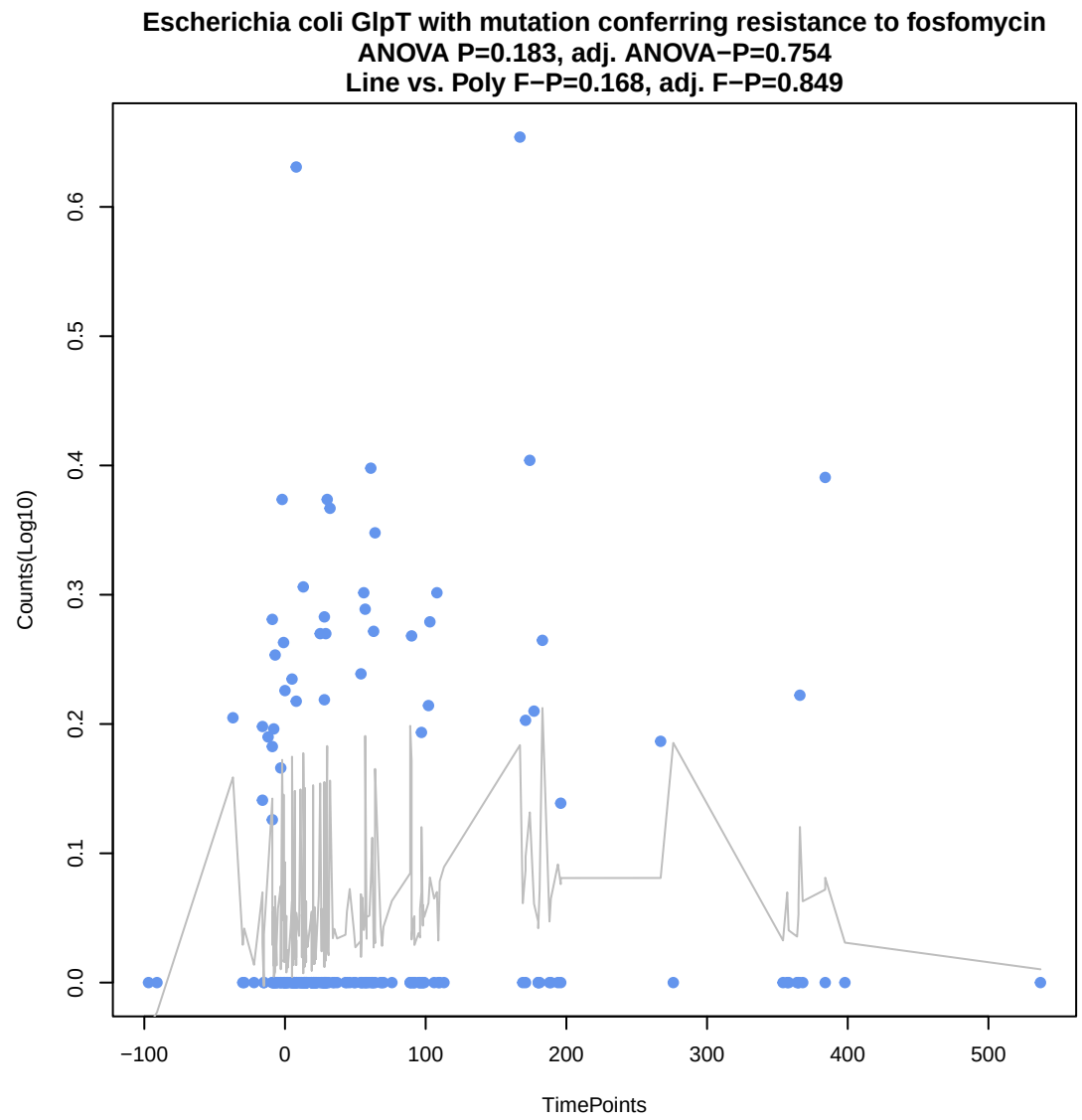

tet(W/32/O)
ANOVA P=0.438, adj. ANOVA−P=0.78
Line vs. Poly F−P=0.138, adj. F−P=0.849
Counts(Log10)
TimePoints

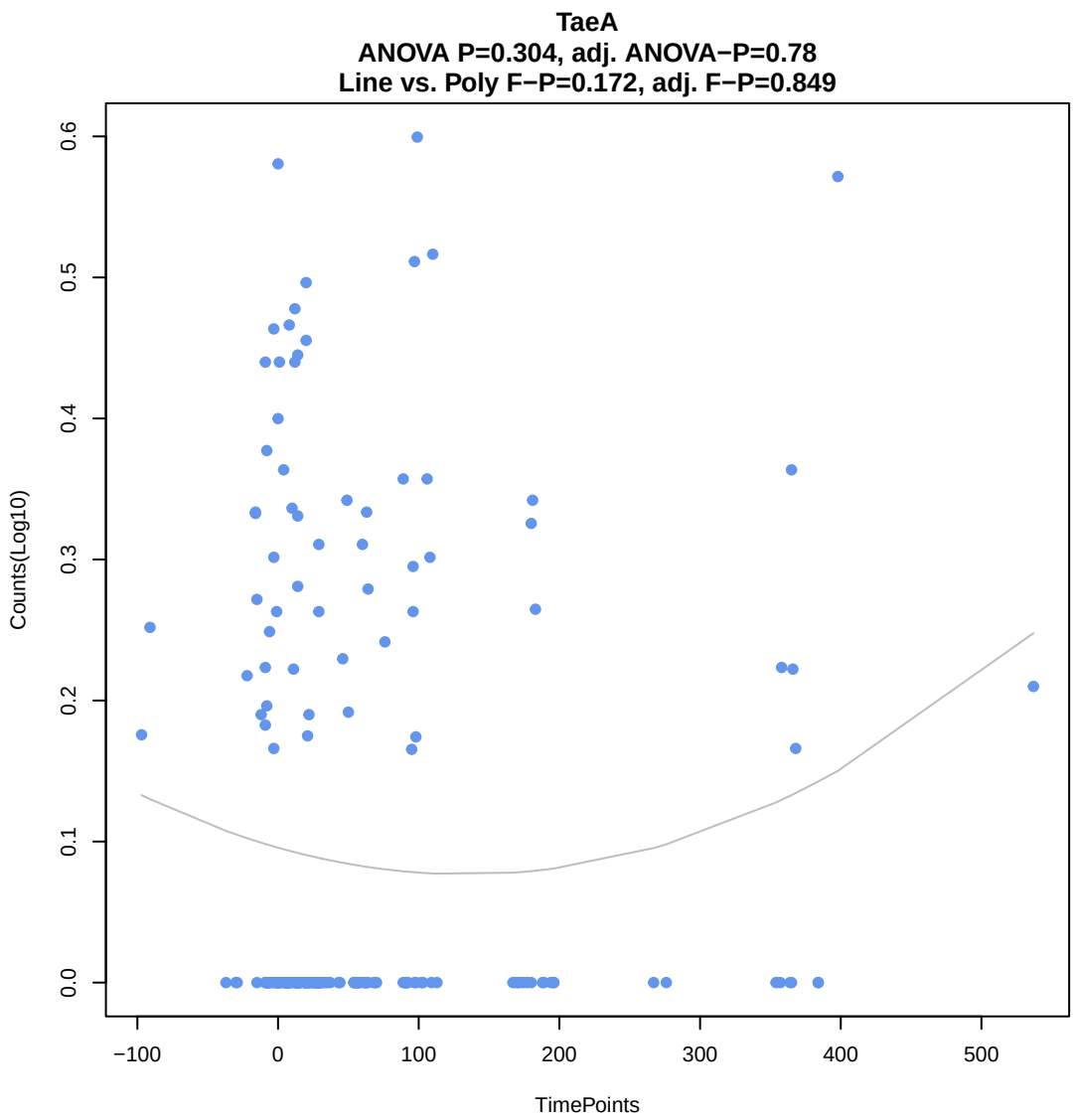

tetB(46)
ANOVA P=0.315, adj. ANOVA−P=0.78
Line vs. Poly F−P=0.146, adj. F−P=0.849
Counts(Log10)
TimePoints

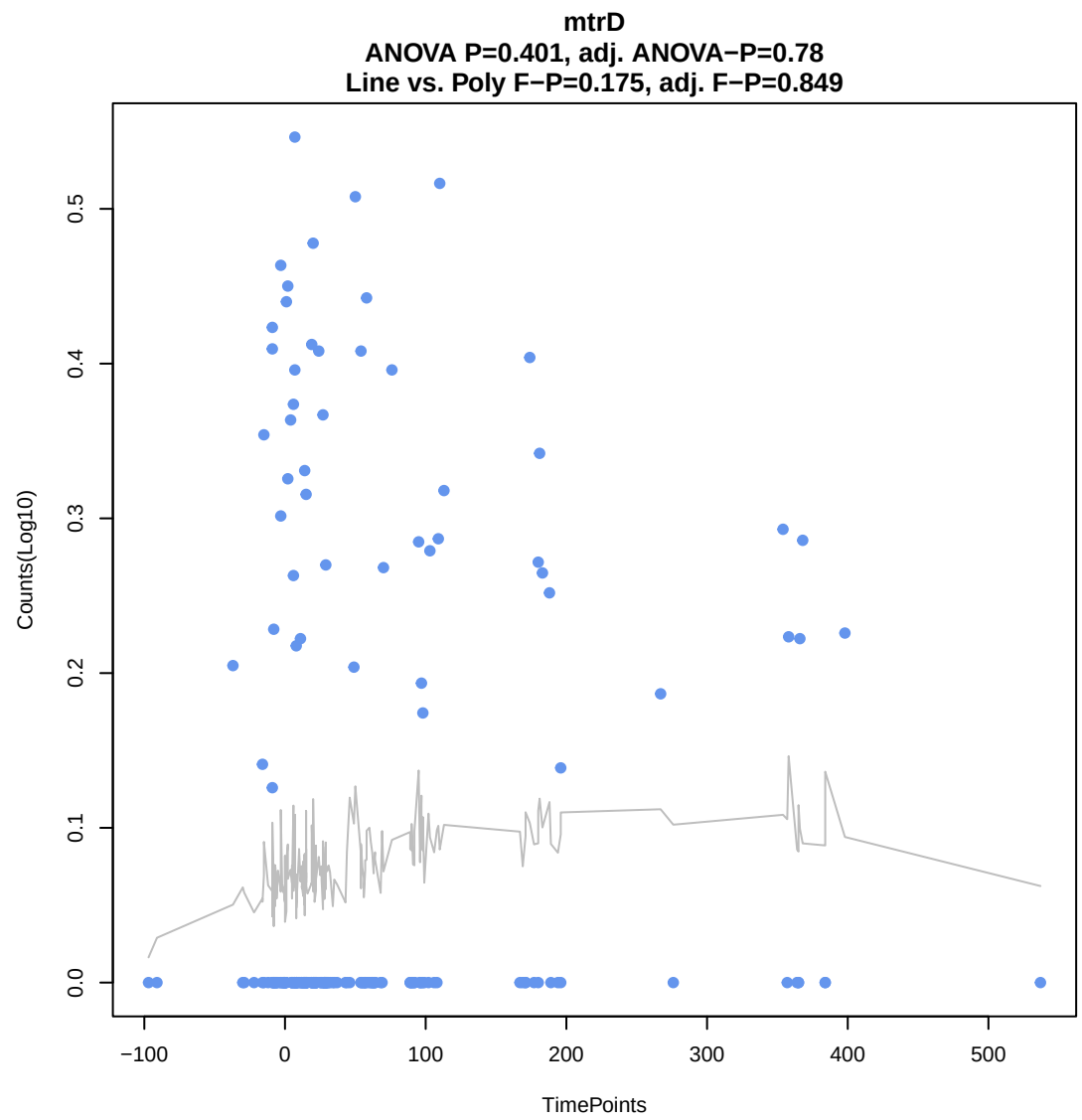

nimA
ANOVA P=8.99e−06, adj. ANOVA−P=0.000962
Line vs. Poly F−P=0.147, adj. F−P=0.849
Counts(Log10)
TimePoints

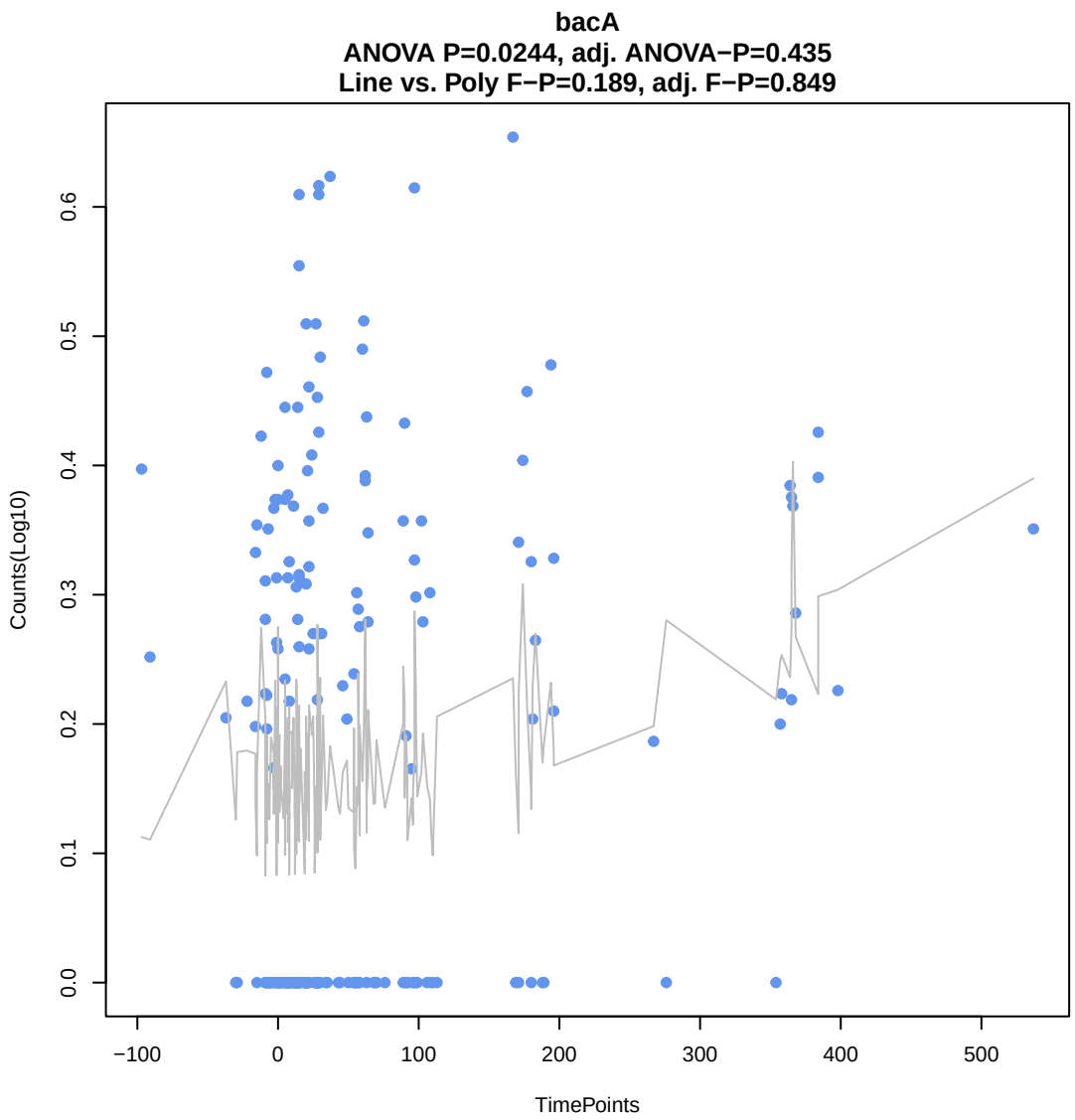

tetB(60)
ANOVA P=0.448, adj. ANOVA−P=0.78
Line vs. Poly F−P=0.159, adj. F−P=0.849
Counts(Log10)
TimePoints

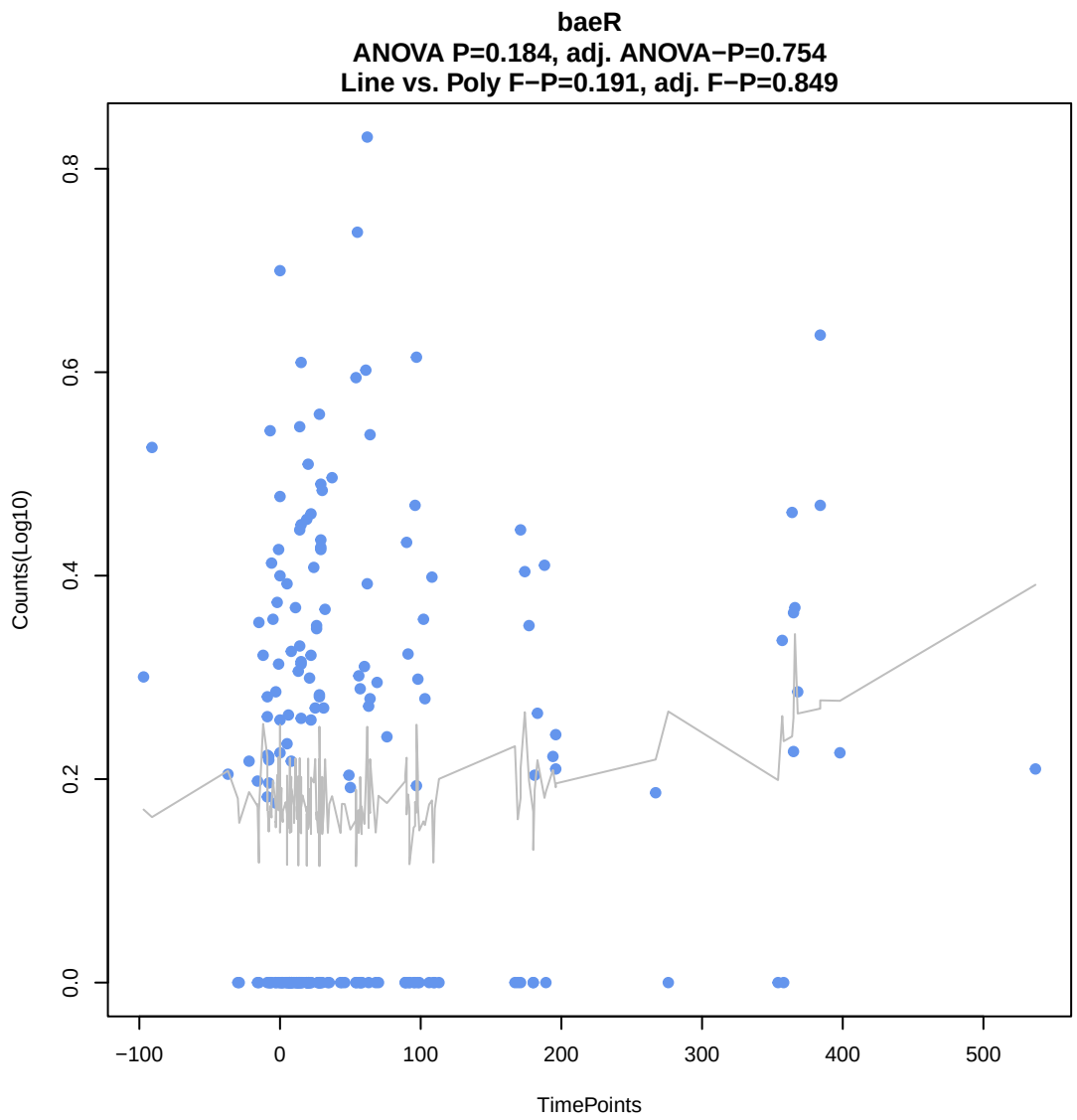

mdtN
ANOVA P=0.269, adj. ANOVA−P=0.78
Line vs. Poly F−P=0.164, adj. F−P=0.849
Counts(Log10)
TimePoints

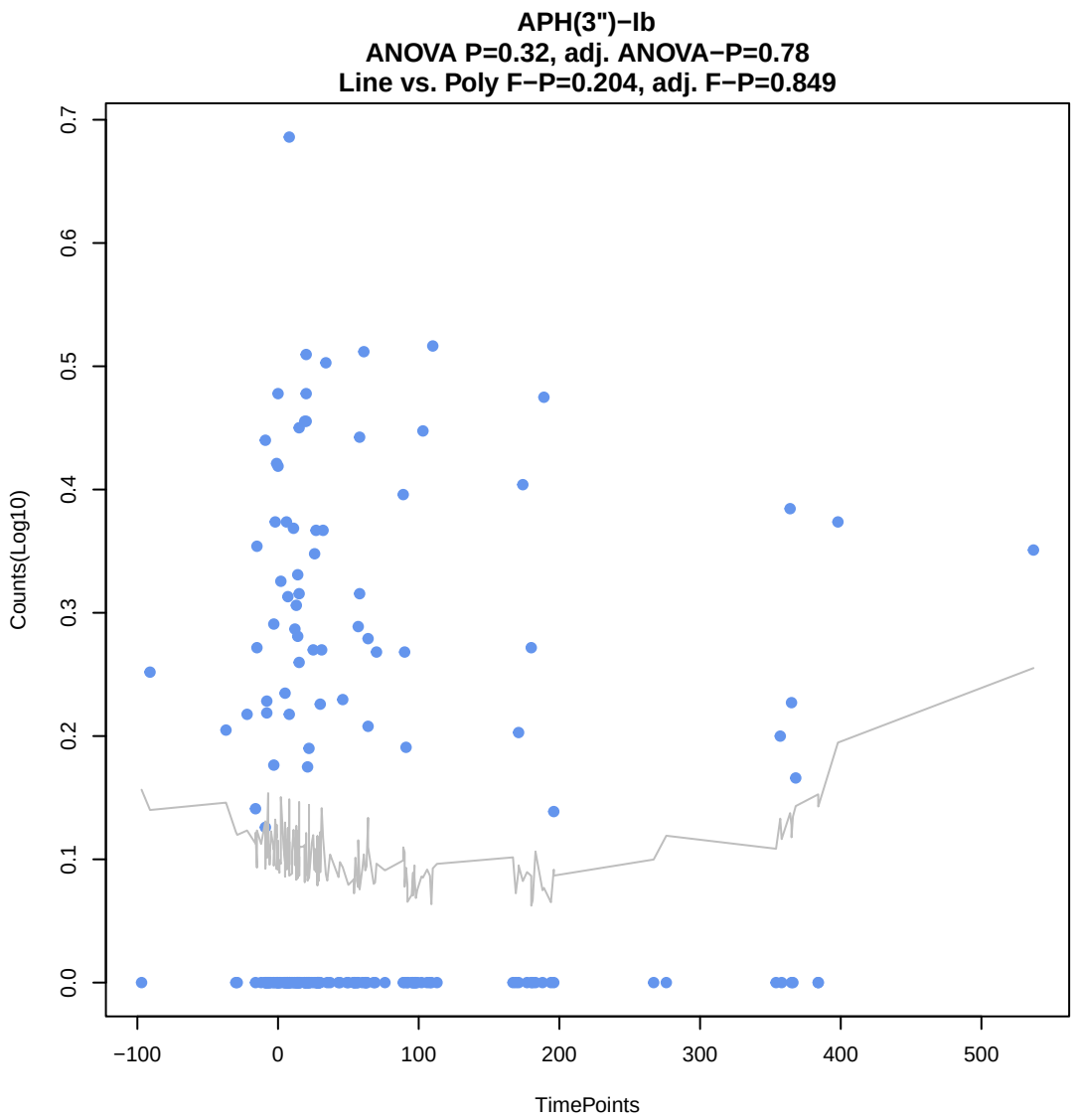

Escherichia coli GlpT with mutation conferring resistance to fosfomycin
ANOVA P=0.183, adj. ANOVA−P=0.754
Line vs. Poly F−P=0.168, adj. F−P=0.849
Counts(Log10)
TimePoints

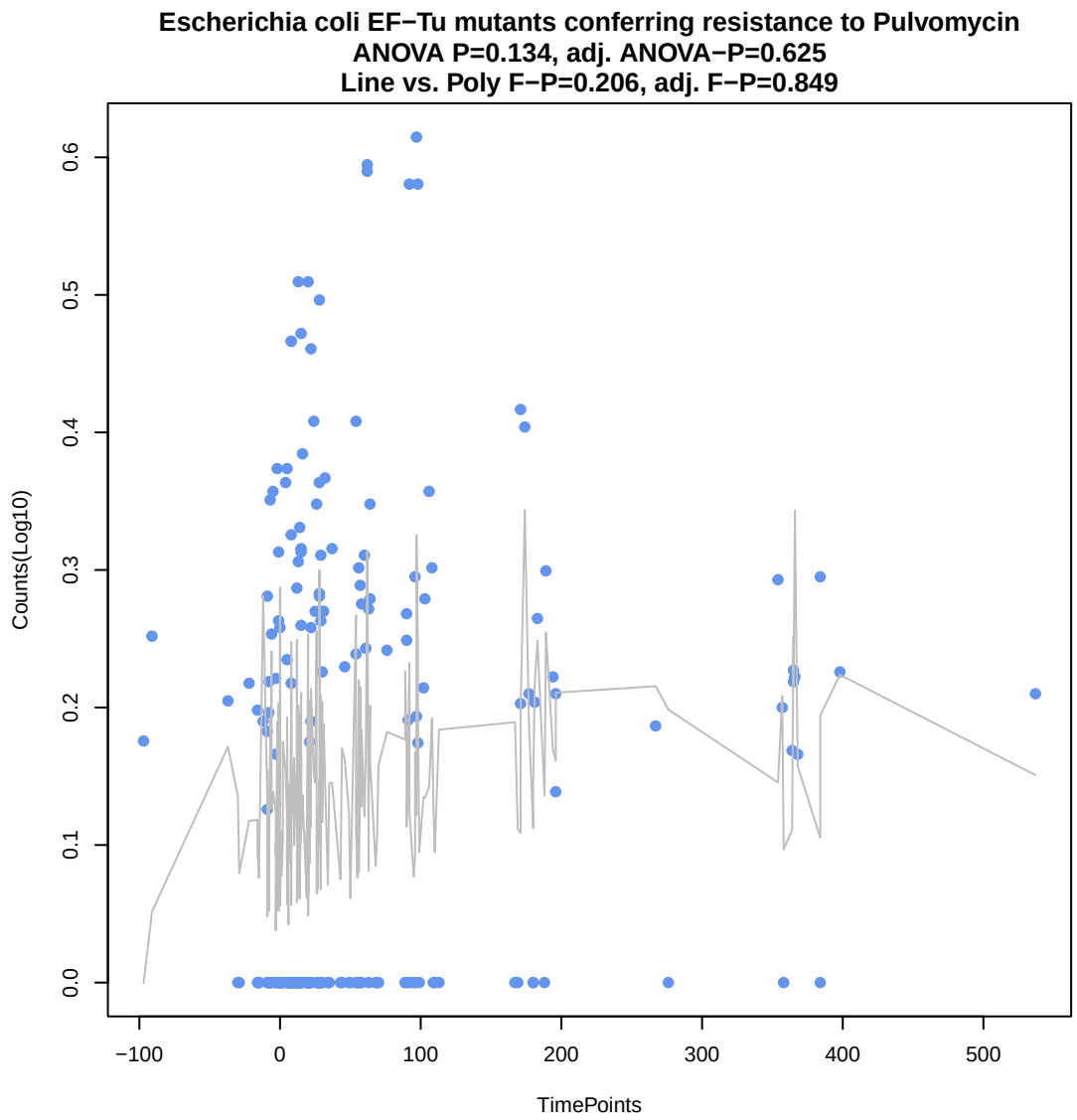

TaeA
ANOVA P=0.304, adj. ANOVA−P=0.78
Line vs. Poly F−P=0.172, adj. F−P=0.849
Counts(Log10)
TimePoints

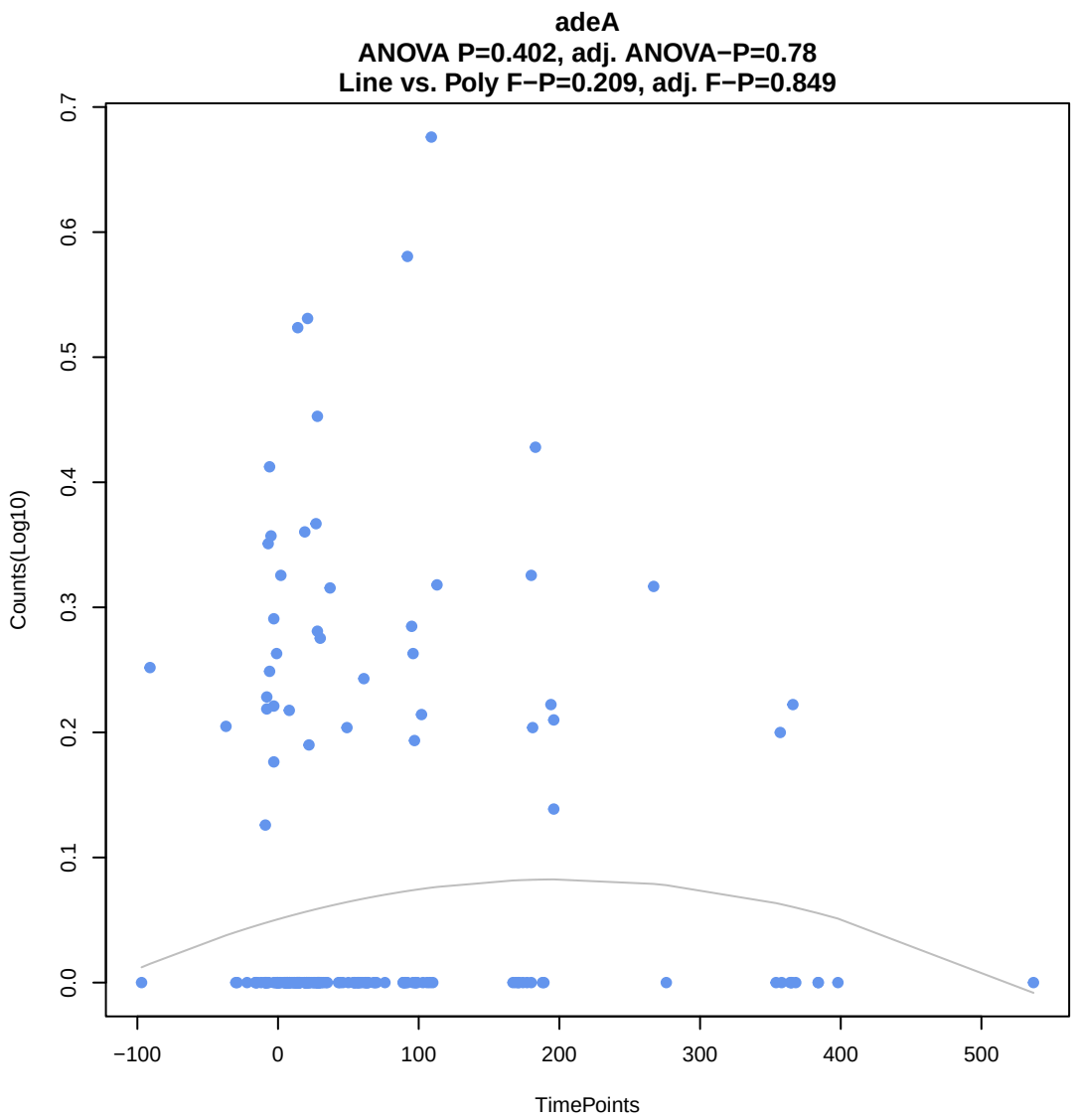

mtrD
ANOVA P=0.401, adj. ANOVA−P=0.78
Line vs. Poly F−P=0.175, adj. F−P=0.849
Counts(Log10)
TimePoints

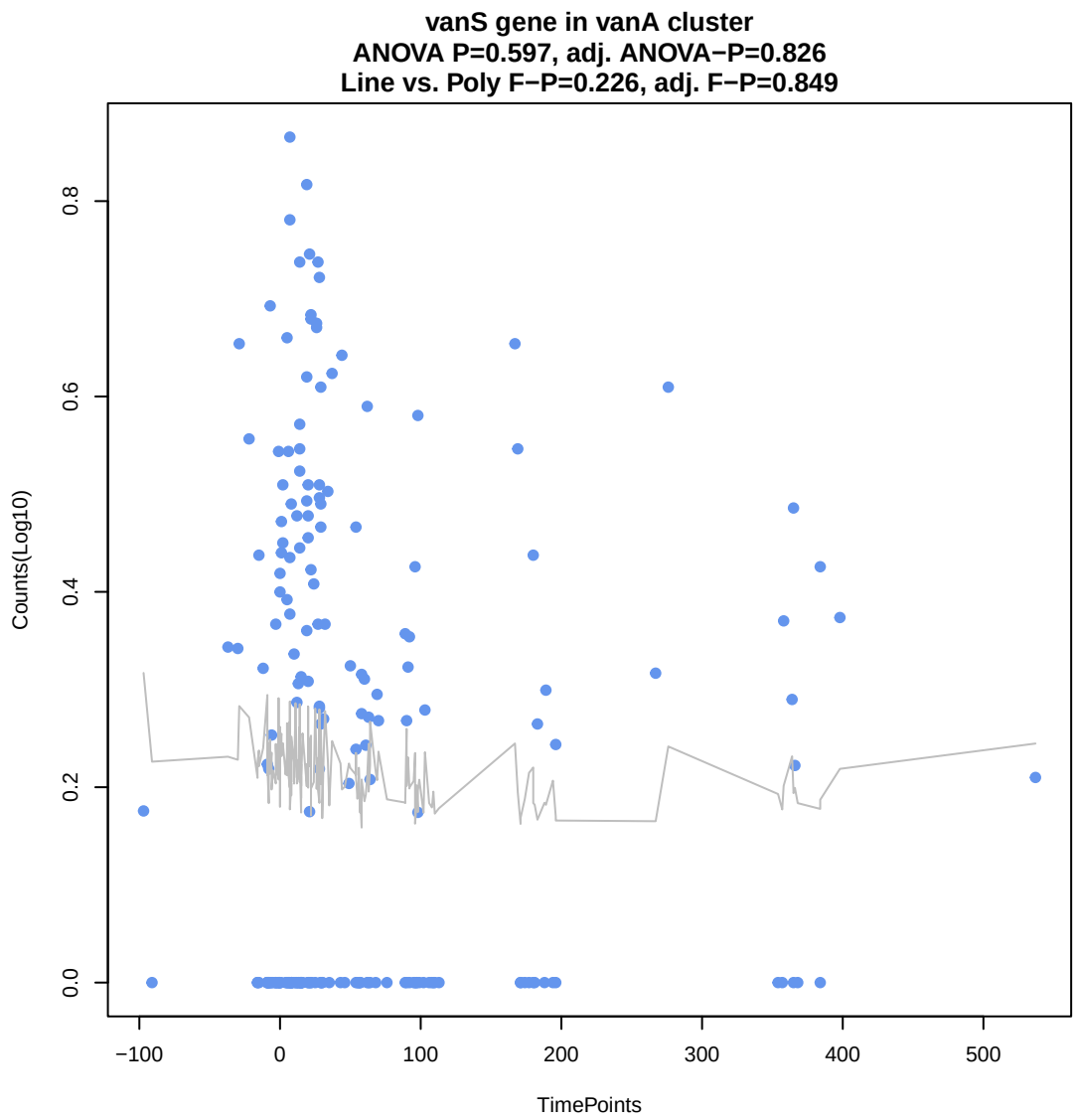

bacA
ANOVA P=0.0244, adj. ANOVA−P=0.435
Line vs. Poly F−P=0.189, adj. F−P=0.849
Counts(Log10)
TimePoints

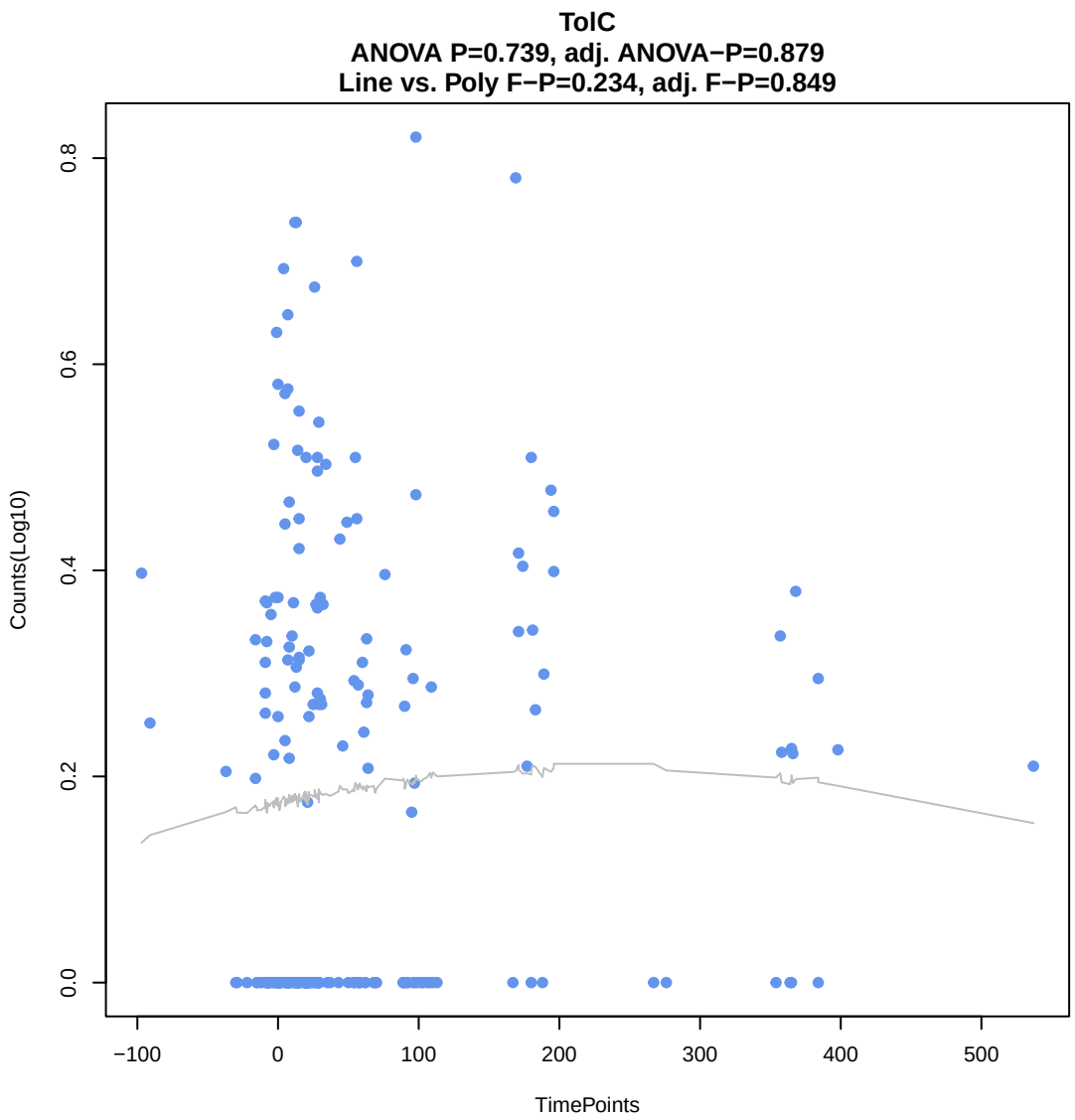

baeR
ANOVA P=0.184, adj. ANOVA−P=0.754
Line vs. Poly F−P=0.191, adj. F−P=0.849
Counts(Log10)
TimePoints

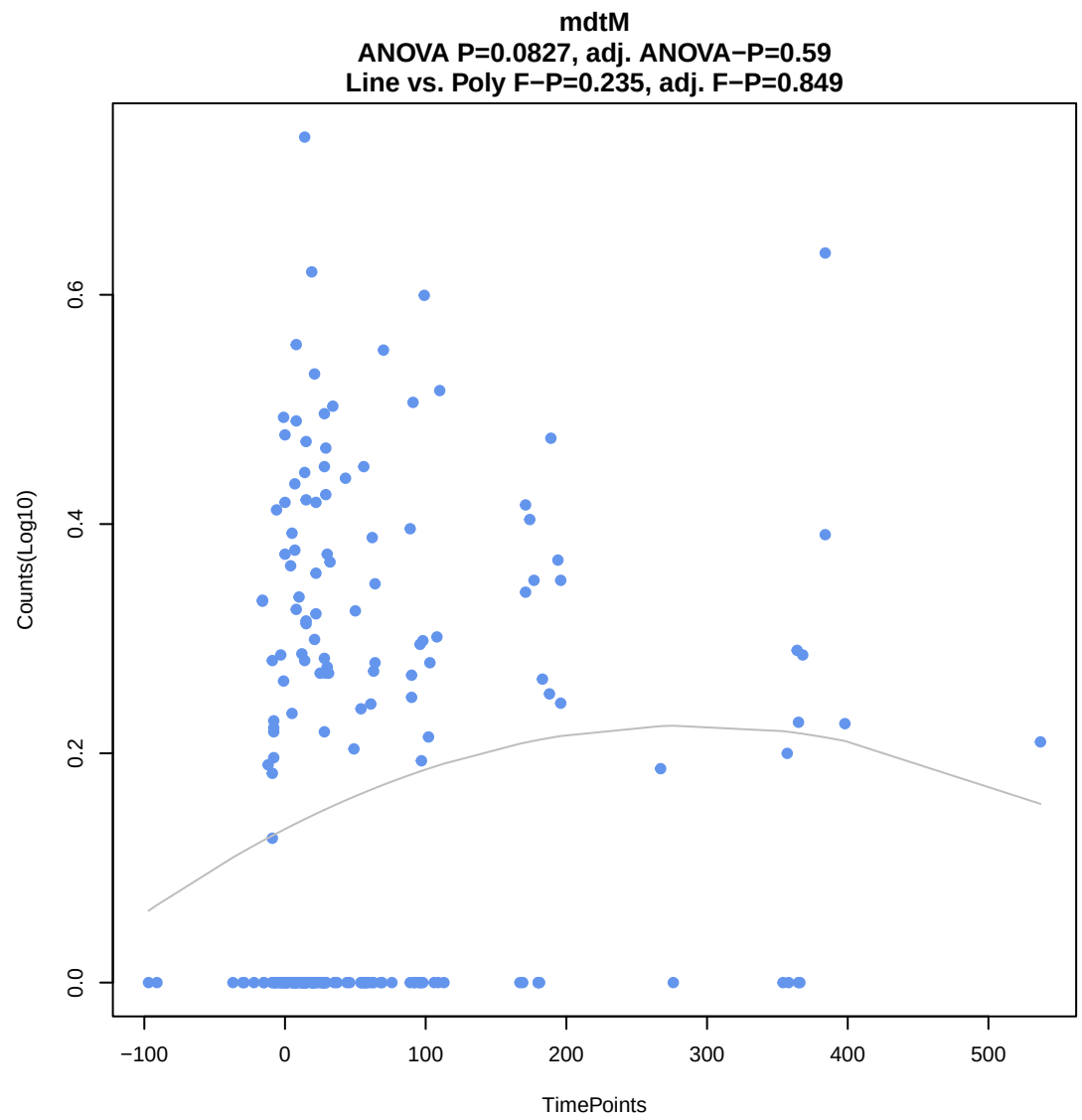

APH(3")−Ib
ANOVA P=0.32, adj. ANOVA−P=0.78
Line vs. Poly F−P=0.204, adj. F−P=0.849
Counts(Log10)
TimePoints

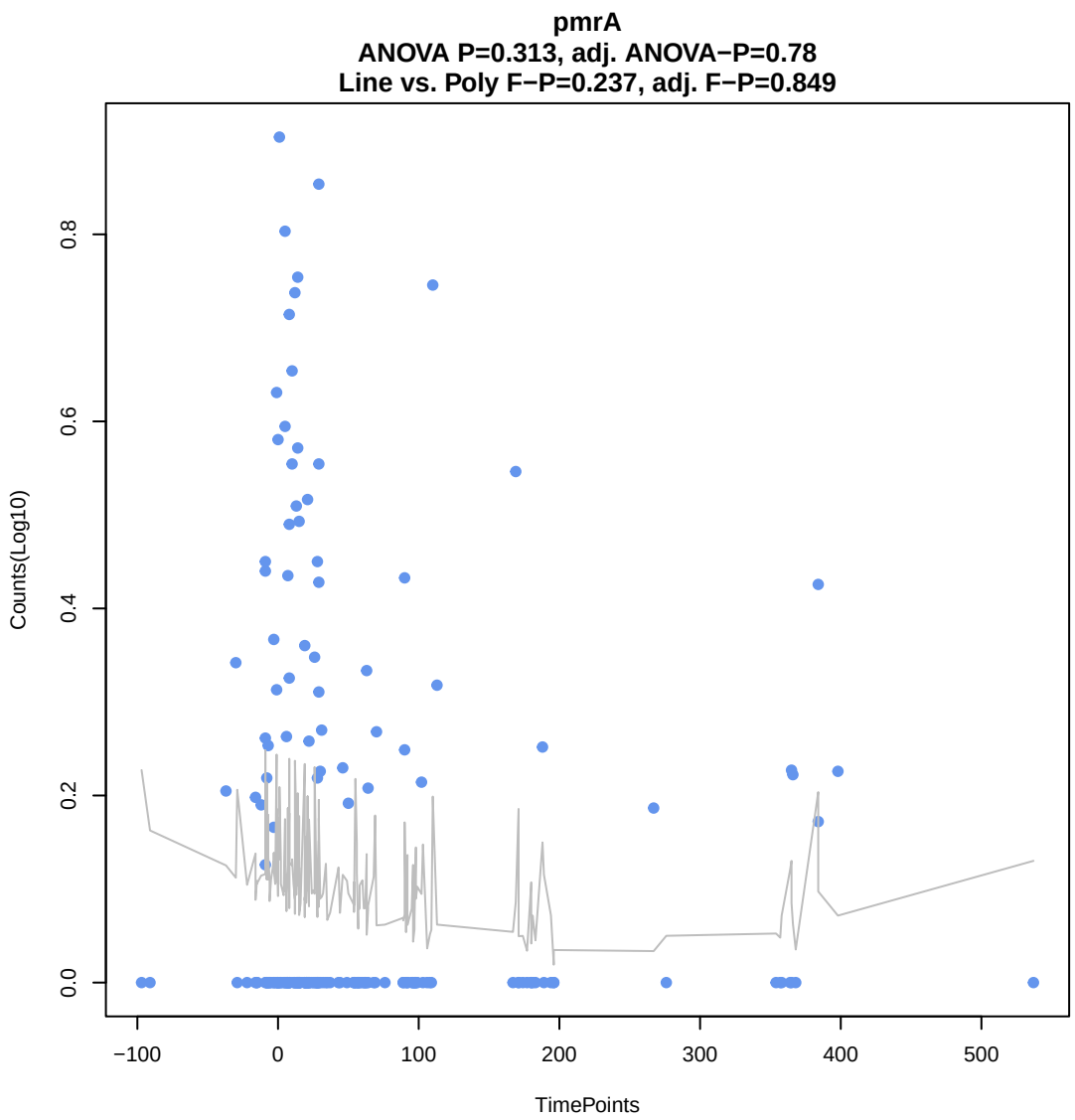

Escherichia coli EF−Tu mutants conferring resistance to Pulvomycin
ANOVA P=0.134, adj. ANOVA−P=0.625
Line vs. Poly F−P=0.206, adj. F−P=0.849
Counts(Log10)
TimePoints

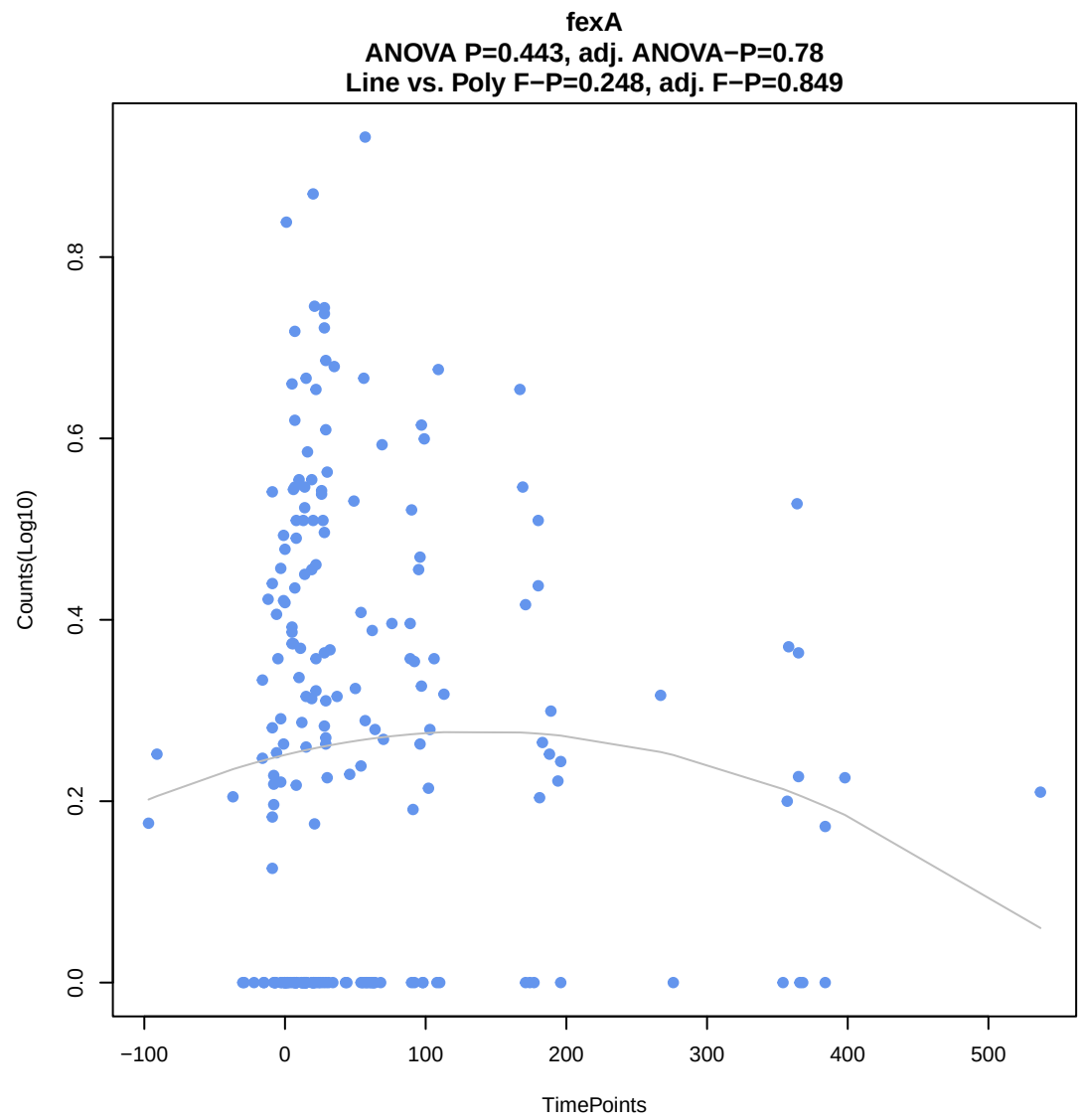

adeA
ANOVA P=0.402, adj. ANOVA−P=0.78
Line vs. Poly F−P=0.209, adj. F−P=0.849
Counts(Log10)
TimePoints

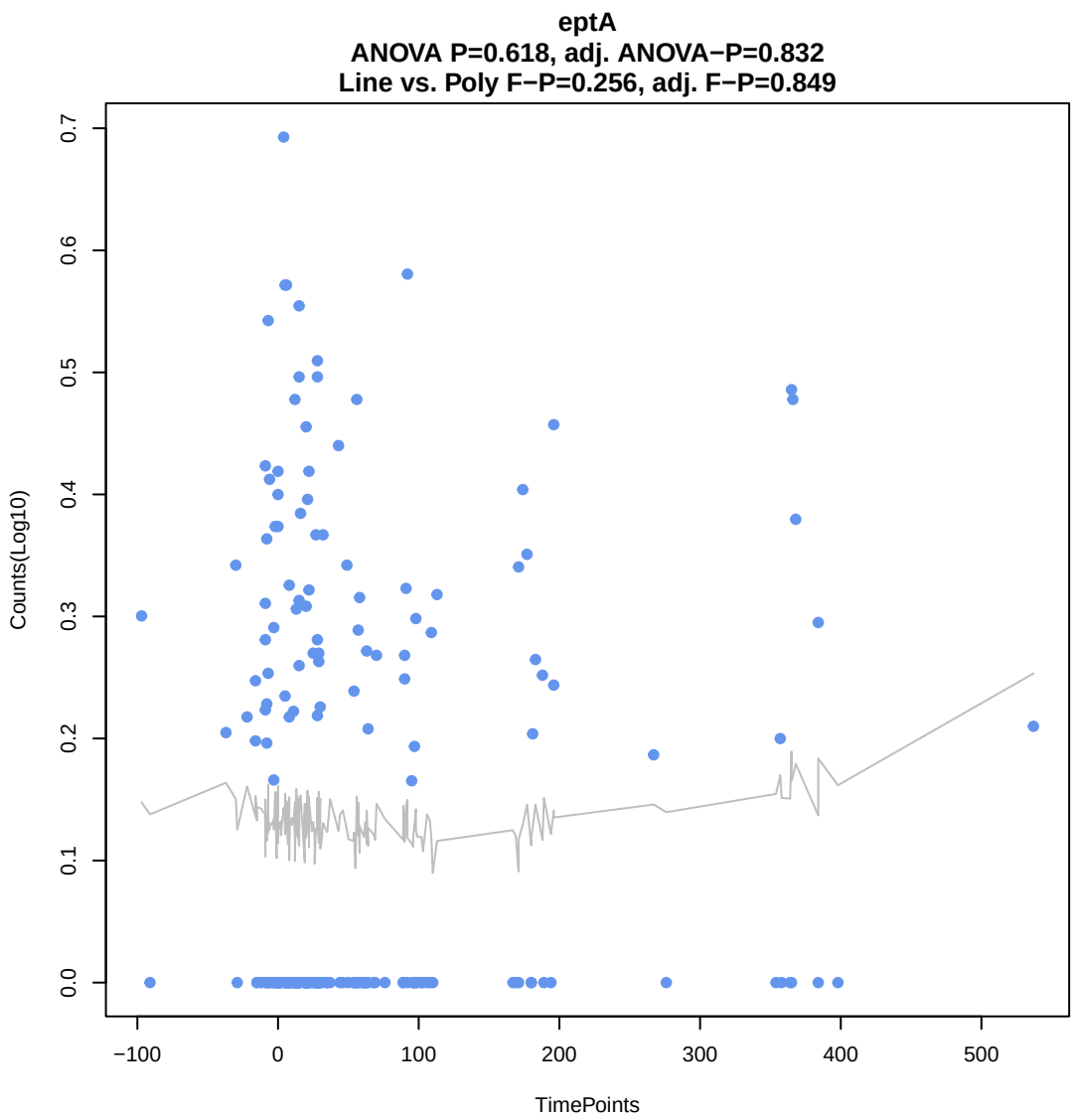

vanS gene in vanA cluster
ANOVA P=0.597, adj. ANOVA−P=0.826
Line vs. Poly F−P=0.226, adj. F−P=0.849
Counts(Log10)
TimePoints

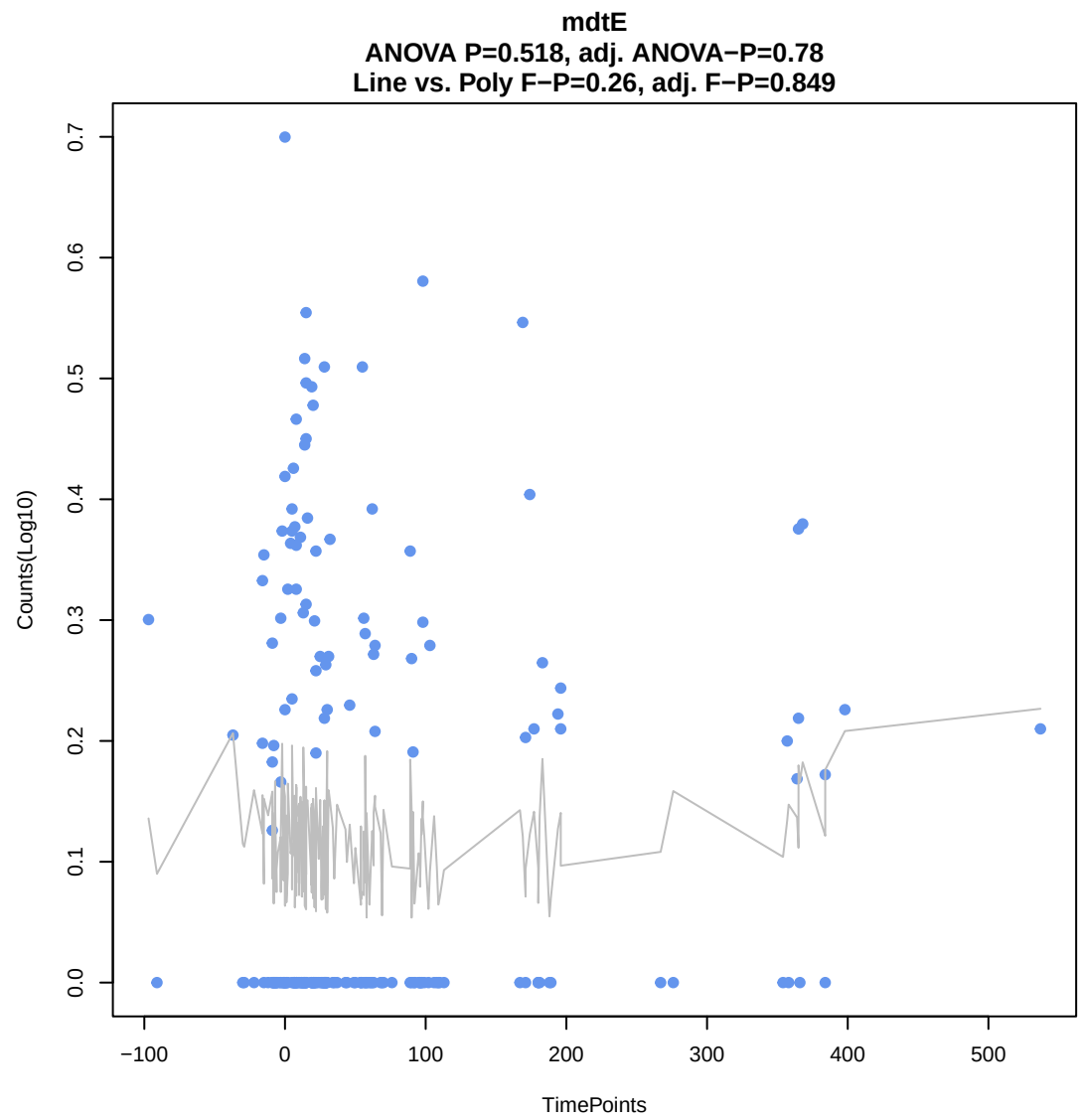

TolC
ANOVA P=0.739, adj. ANOVA−P=0.879
Line vs. Poly F−P=0.234, adj. F−P=0.849
Counts(Log10)
TimePoints

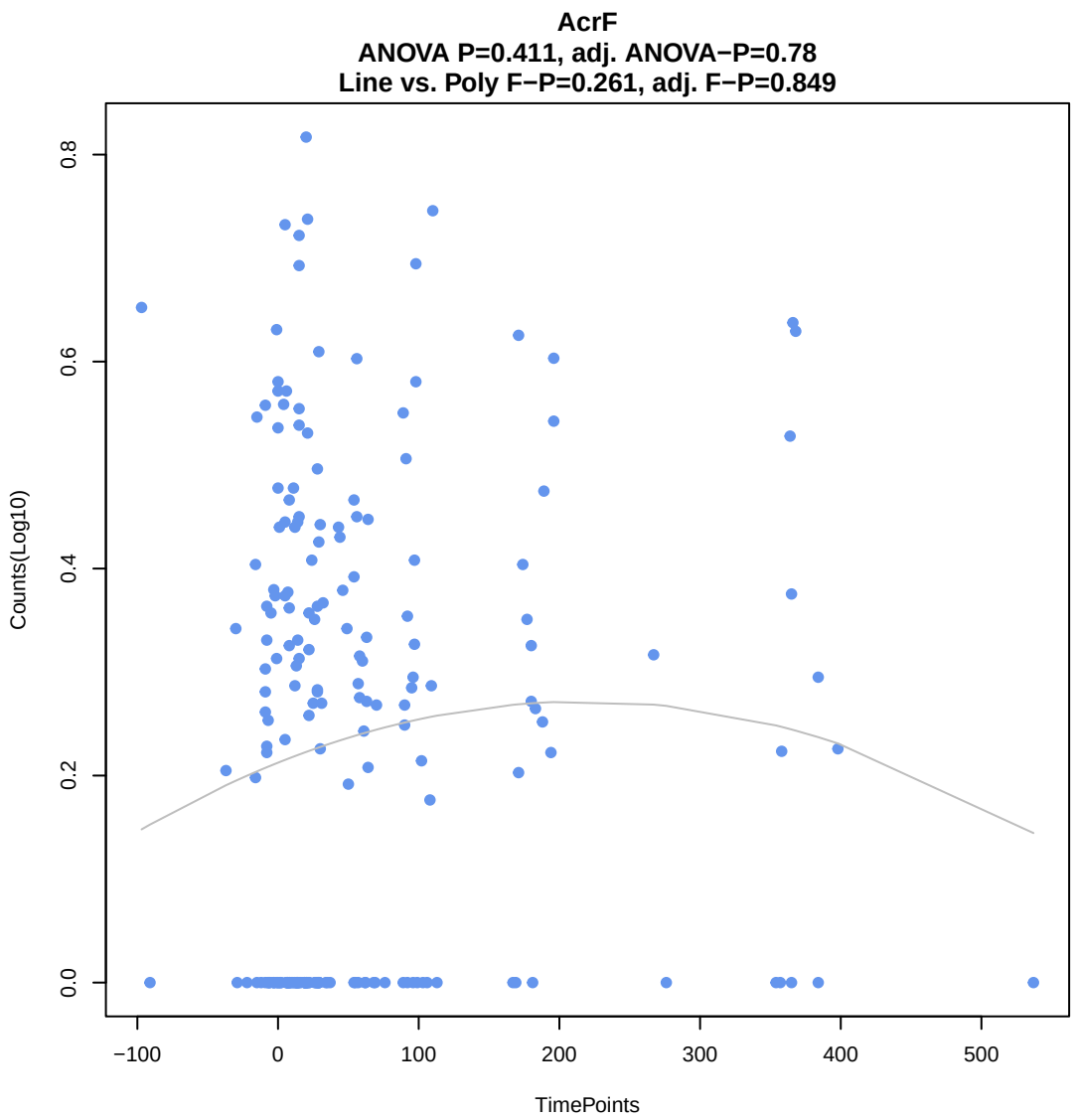

mdtM
ANOVA P=0.0827, adj. ANOVA−P=0.59
Line vs. Poly F−P=0.235, adj. F−P=0.849
Counts(Log10)
TimePoints

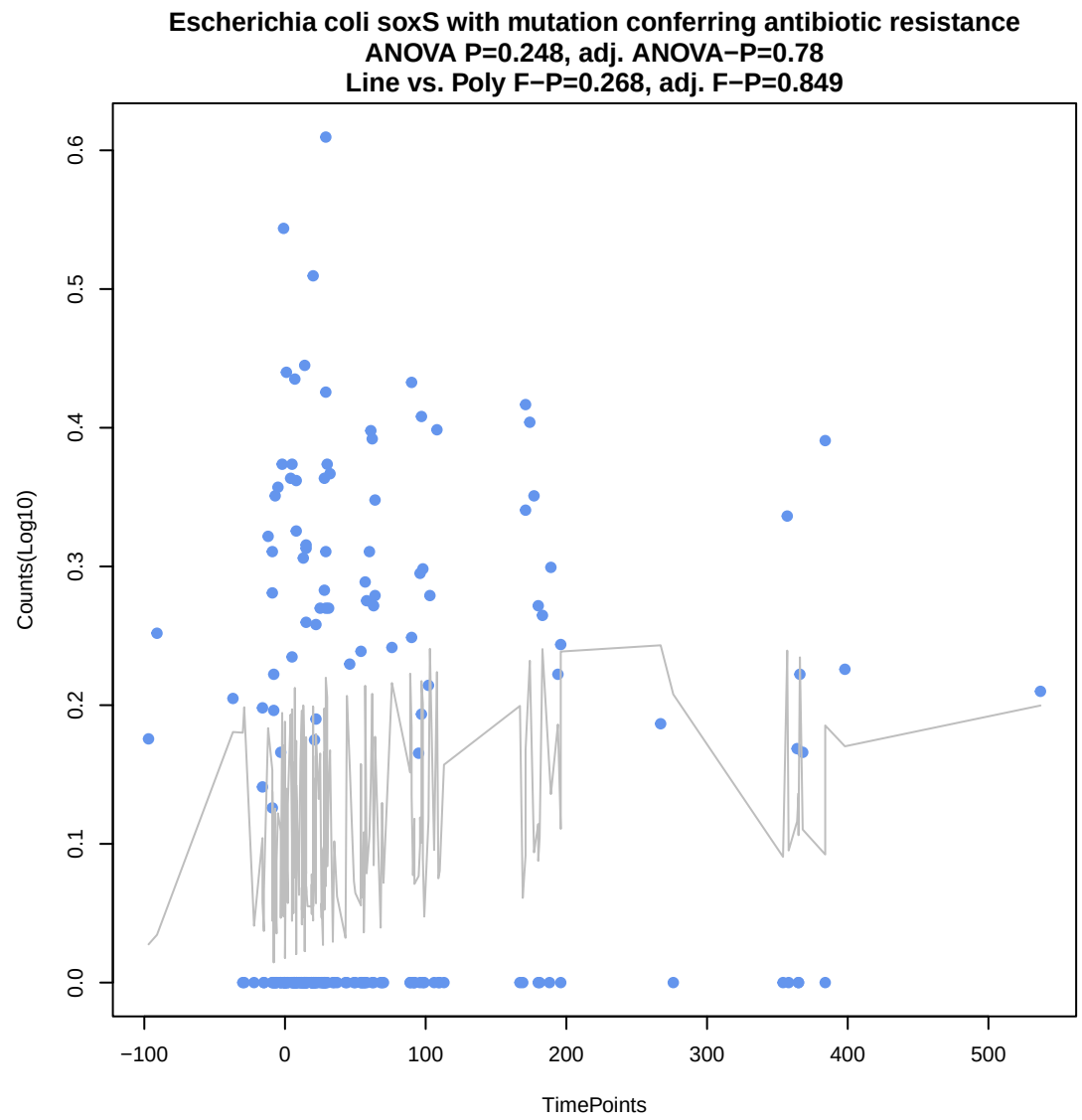

pmrA
ANOVA P=0.313, adj. ANOVA−P=0.78
Line vs. Poly F−P=0.237, adj. F−P=0.849
Counts(Log10)
TimePoints

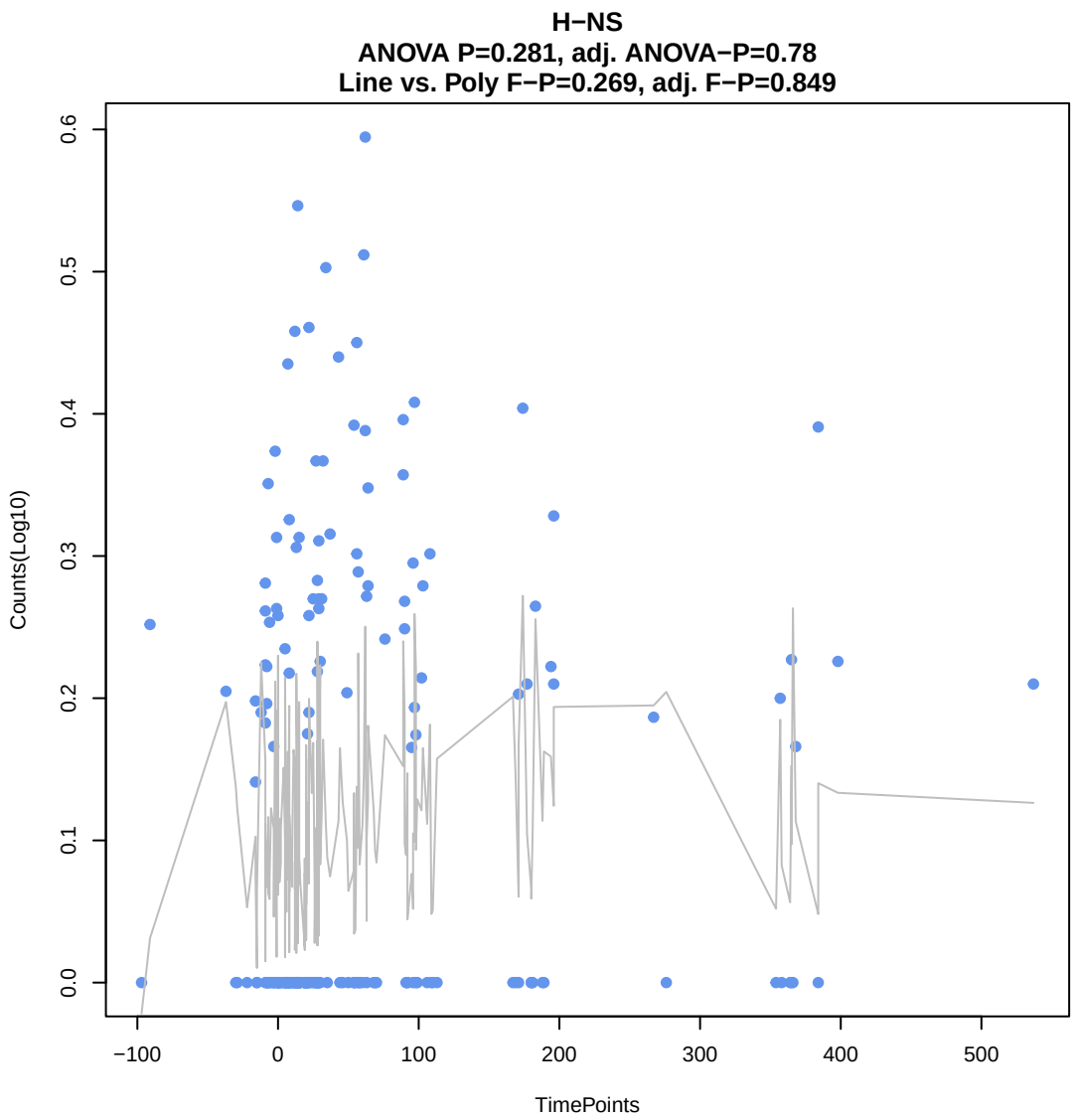

fexA
ANOVA P=0.443, adj. ANOVA−P=0.78
Line vs. Poly F−P=0.248, adj. F−P=0.849
Counts(Log10)
TimePoints

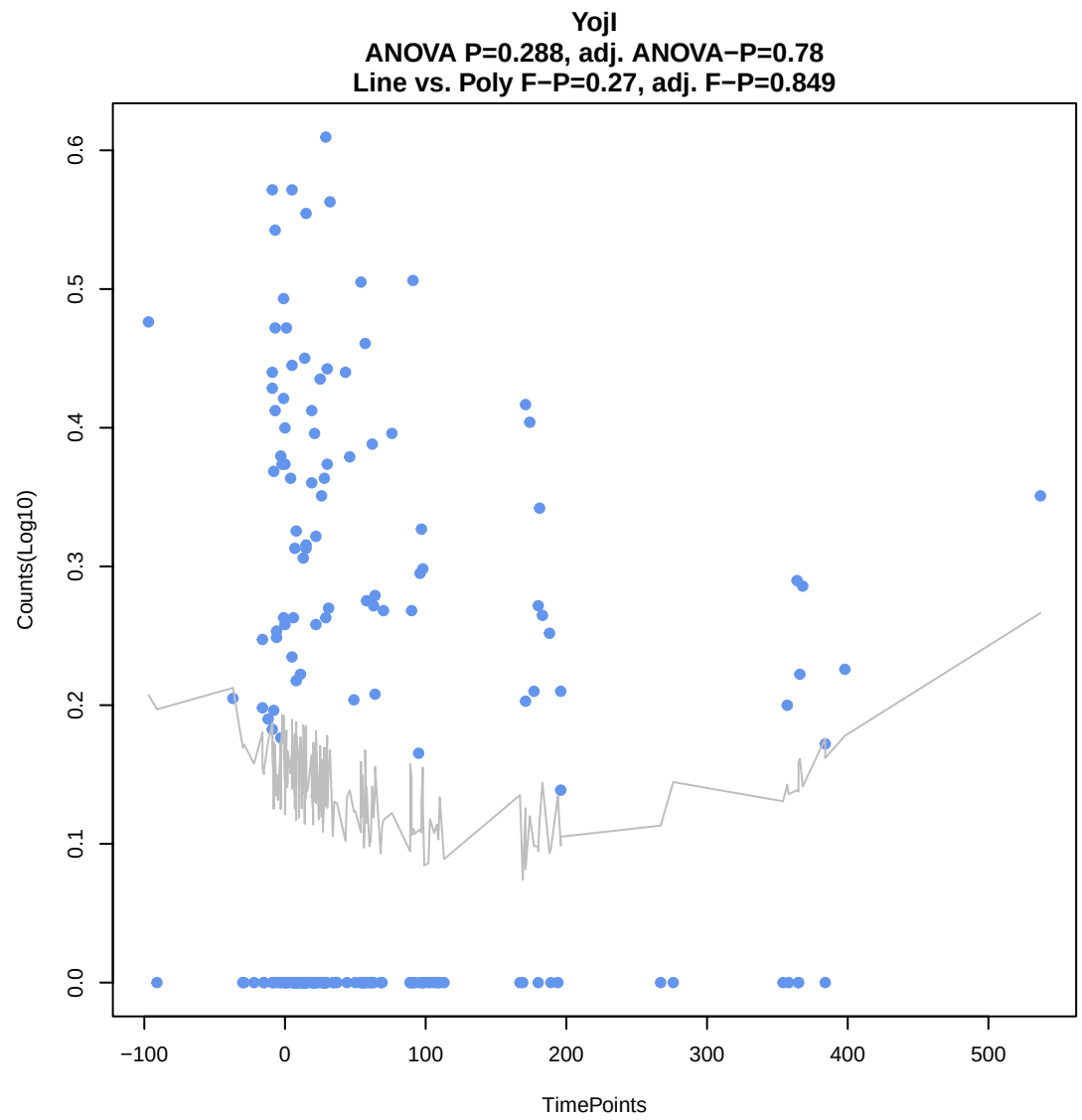

eptA
ANOVA P=0.618, adj. ANOVA−P=0.832
Line vs. Poly F−P=0.256, adj. F−P=0.849
Counts(Log10)
TimePoints

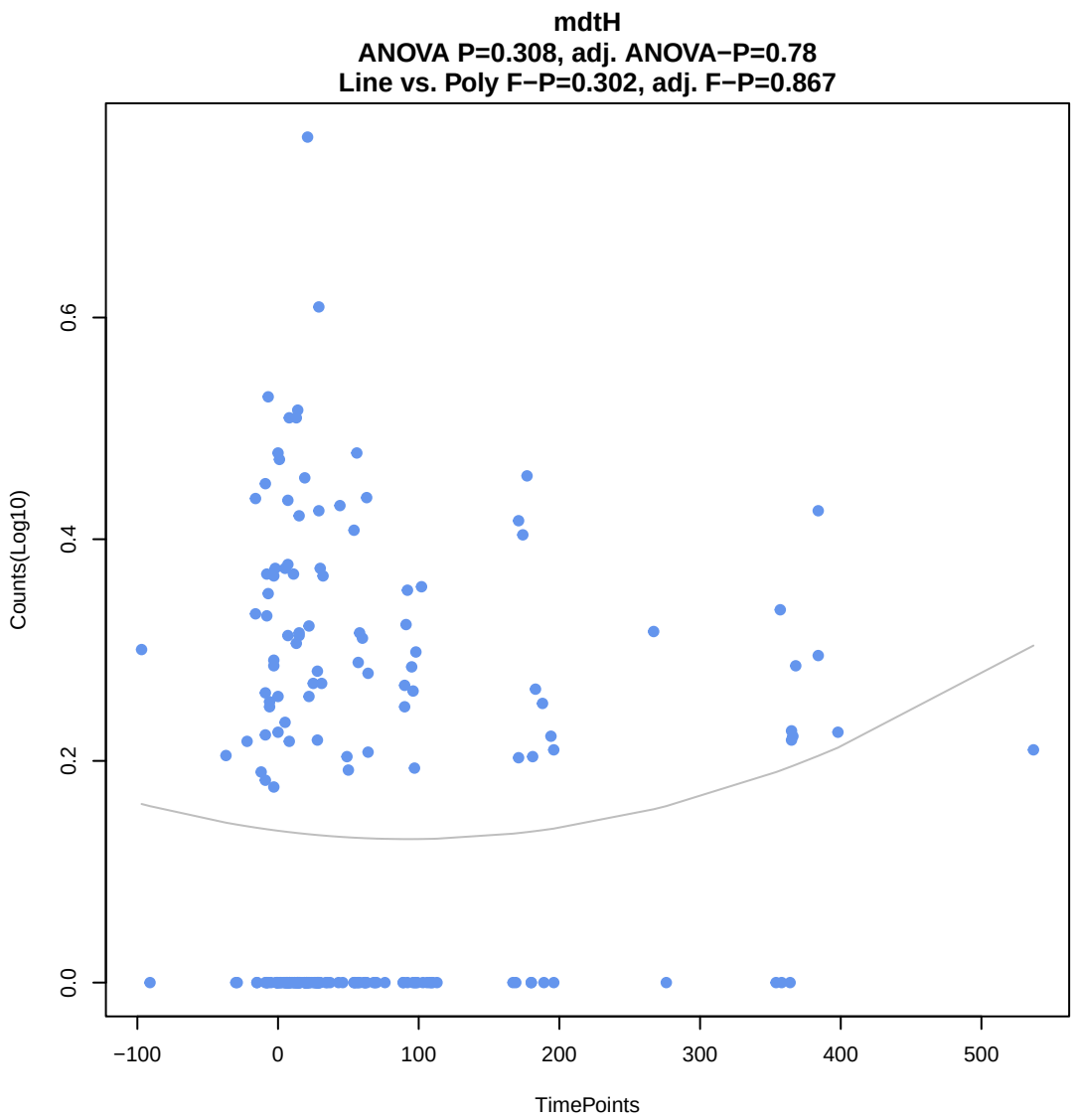

mdtE
ANOVA P=0.518, adj. ANOVA−P=0.78
Line vs. Poly F−P=0.26, adj. F−P=0.849
Counts(Log10)
TimePoints

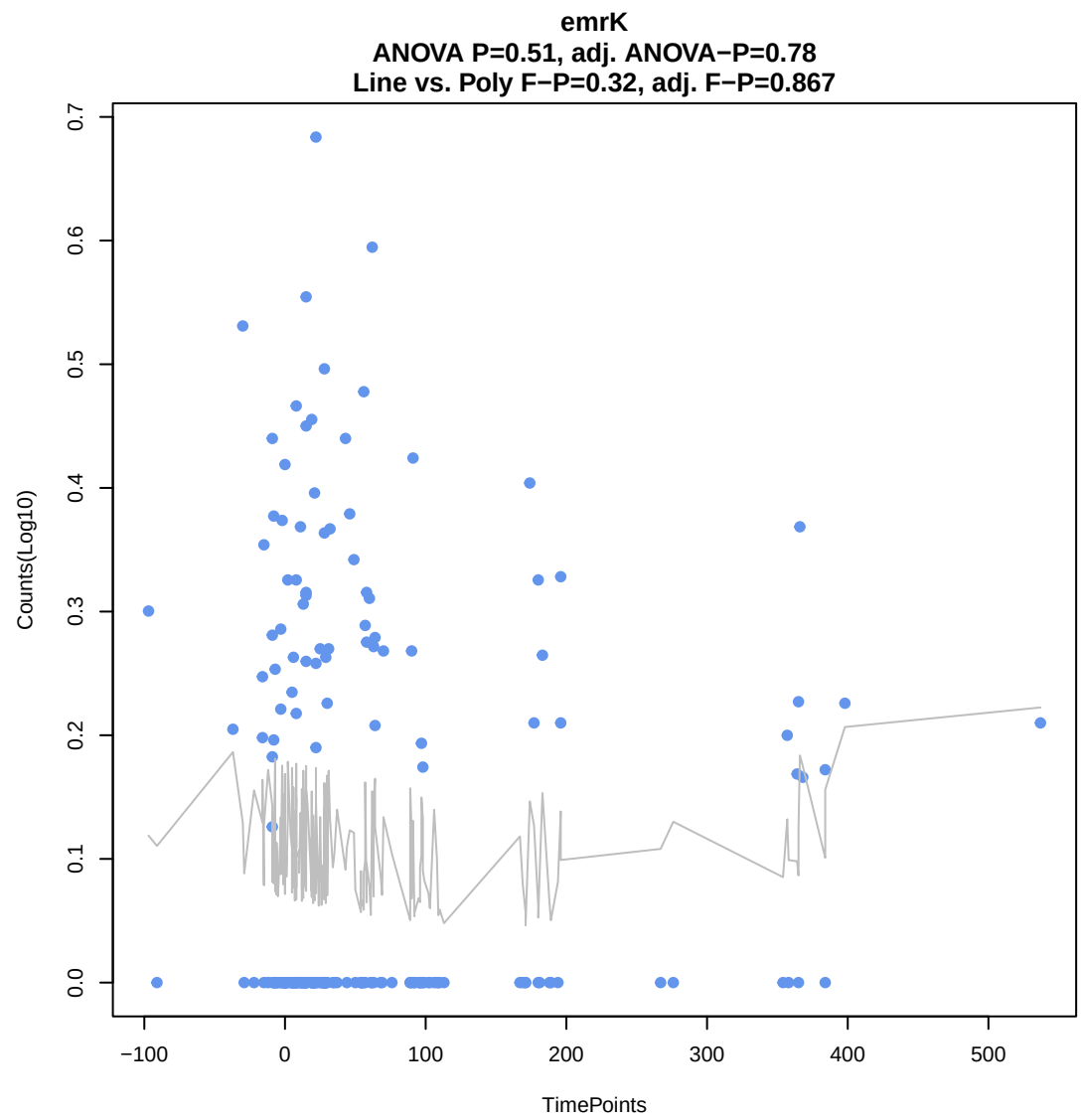

AcrF
ANOVA P=0.411, adj. ANOVA−P=0.78
Line vs. Poly F−P=0.261, adj. F−P=0.849
Counts(Log10)
TimePoints

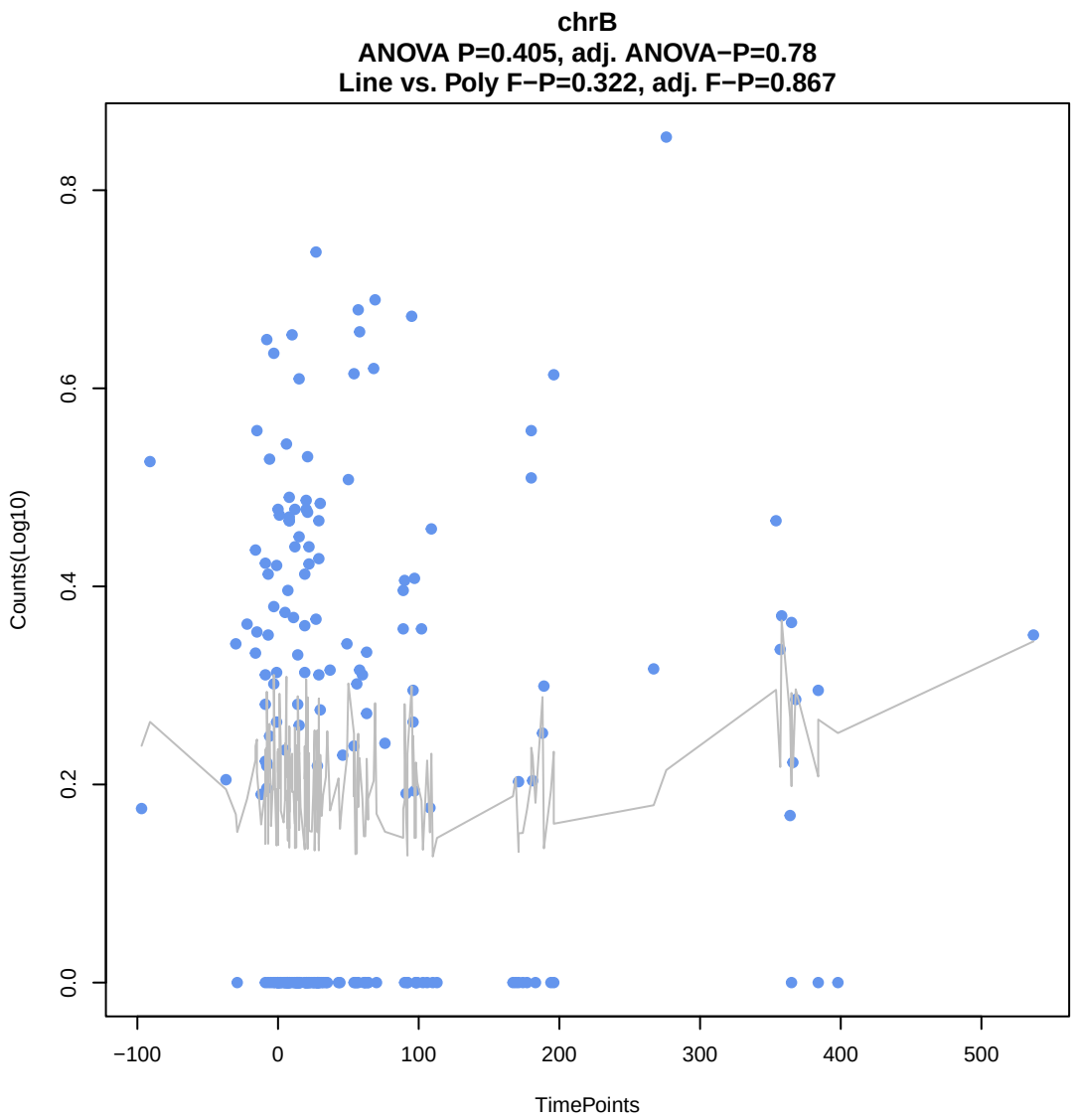

Escherichia coli soxS with mutation conferring antibiotic resistance
ANOVA P=0.248, adj. ANOVA−P=0.78
Line vs. Poly F−P=0.268, adj. F−P=0.849
Counts(Log10)
TimePoints

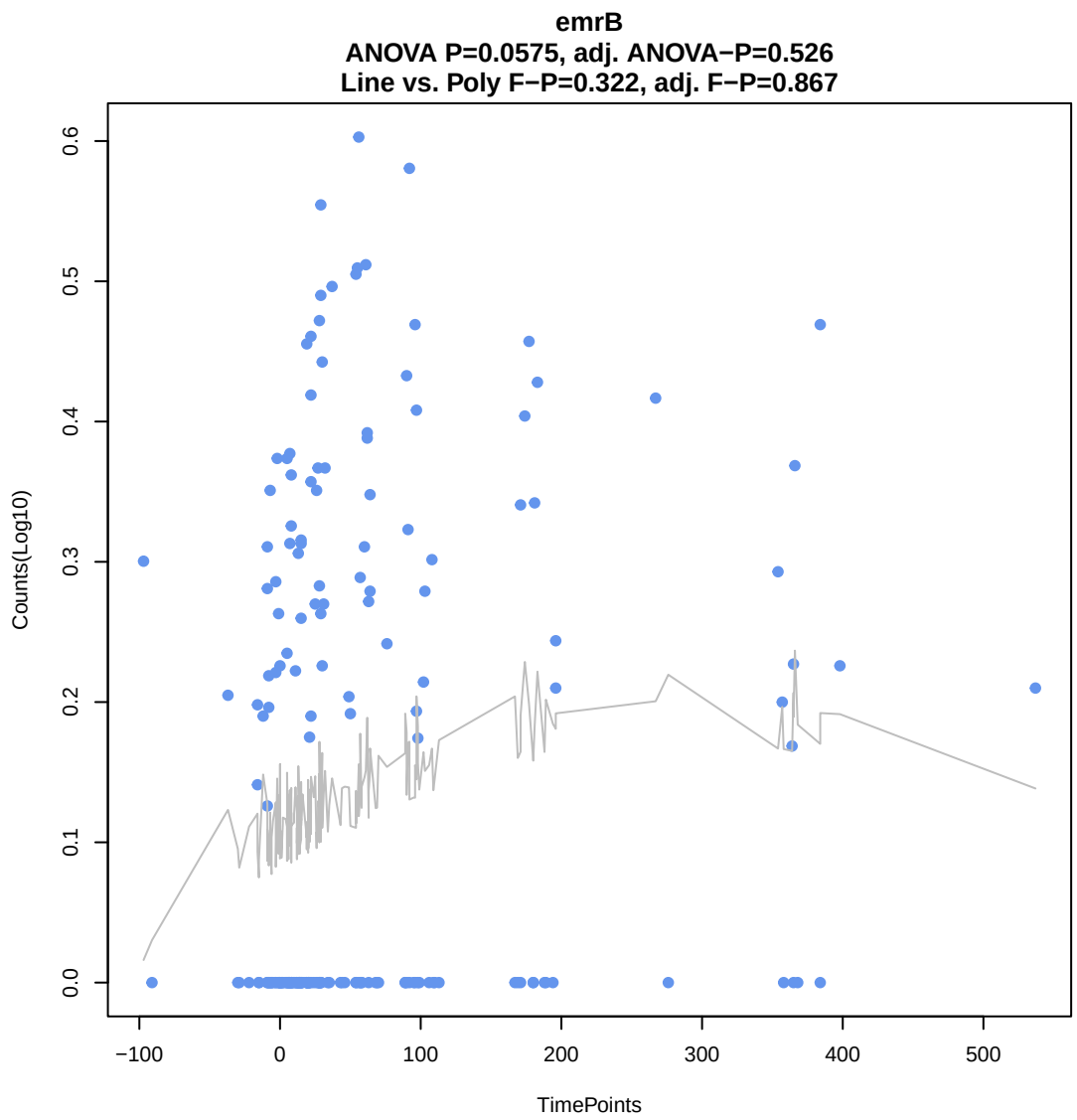

H−NS
ANOVA P=0.281, adj. ANOVA−P=0.78
Line vs. Poly F−P=0.269, adj. F−P=0.849
Counts(Log10)
TimePoints

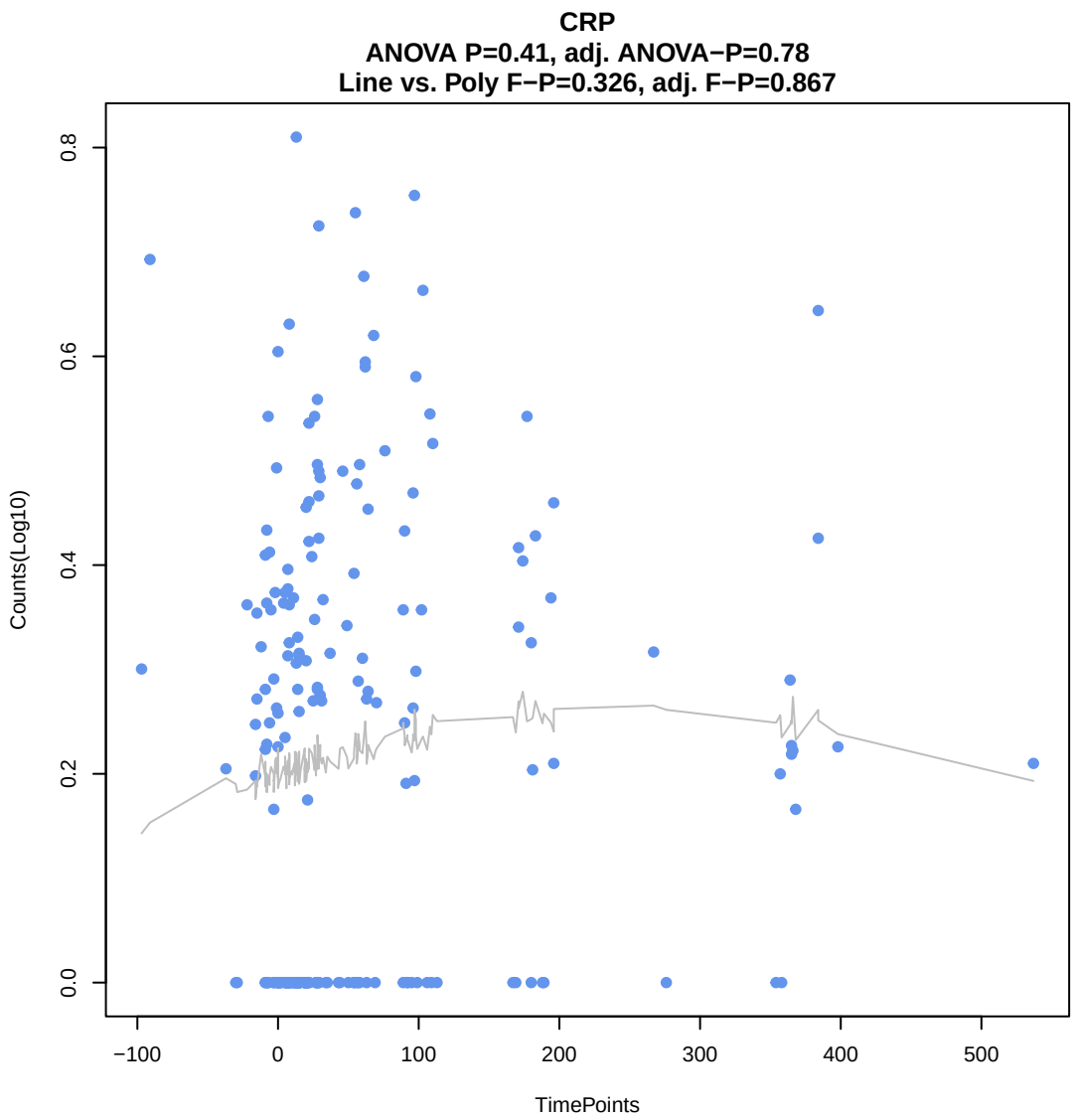

YojI
ANOVA P=0.288, adj. ANOVA−P=0.78
Line vs. Poly F−P=0.27, adj. F−P=0.849
Counts(Log10)
TimePoints

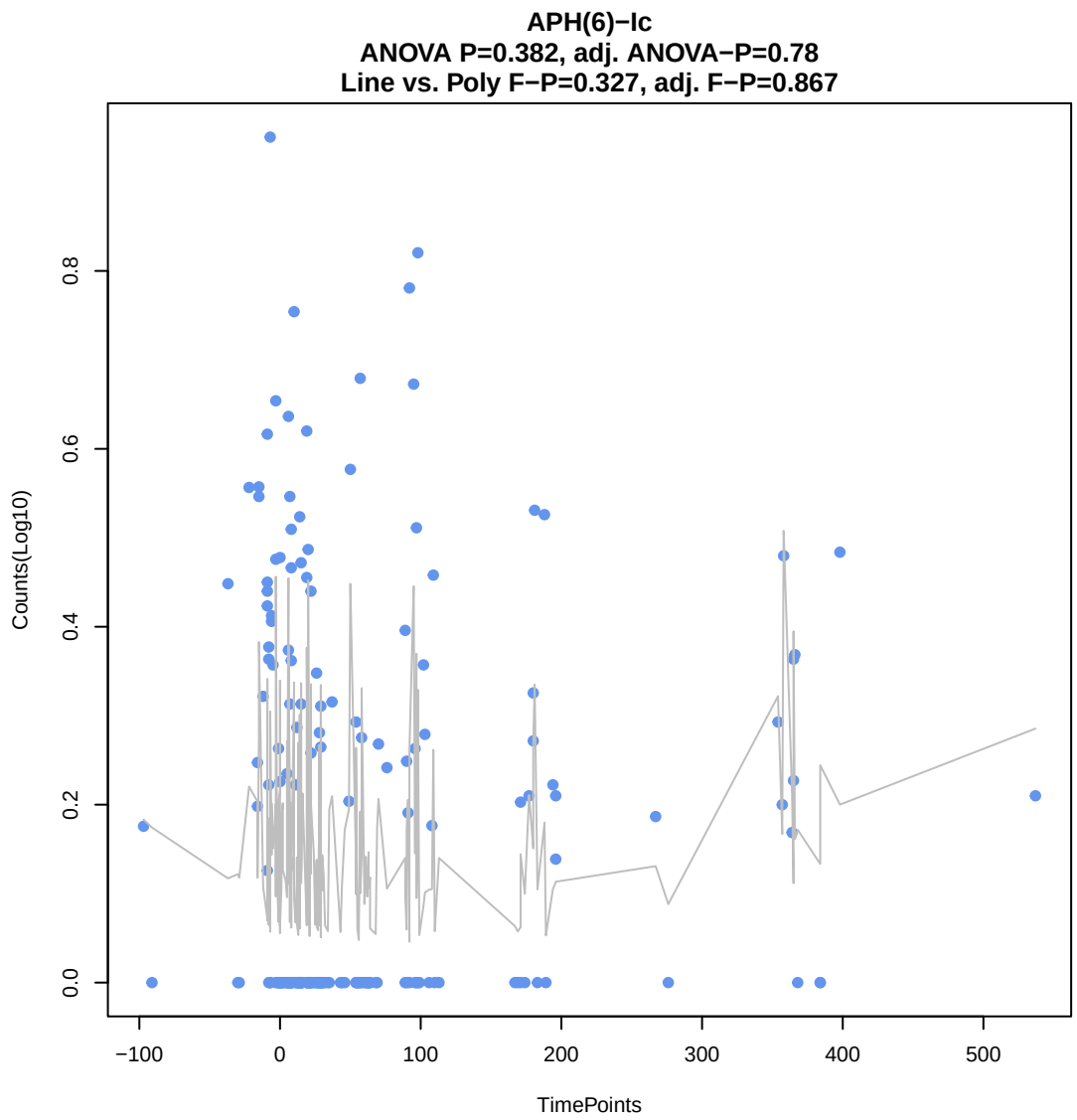

mdtH
ANOVA P=0.308, adj. ANOVA−P=0.78
Line vs. Poly F−P=0.302, adj. F−P=0.867
Counts(Log10)
TimePoints

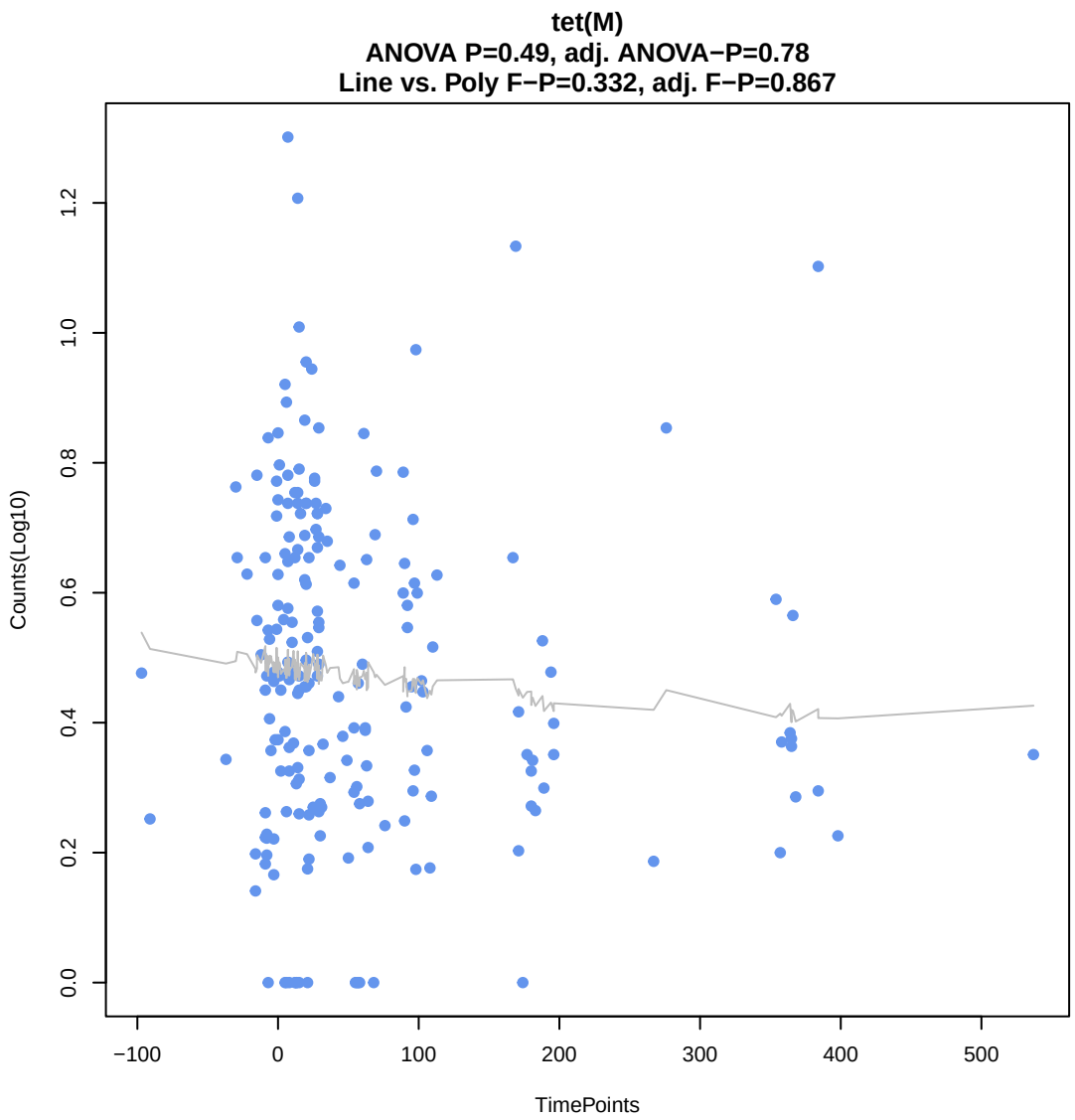

emrK
ANOVA P=0.51, adj. ANOVA−P=0.78
Line vs. Poly F−P=0.32, adj. F−P=0.867
Counts(Log10)
TimePoints

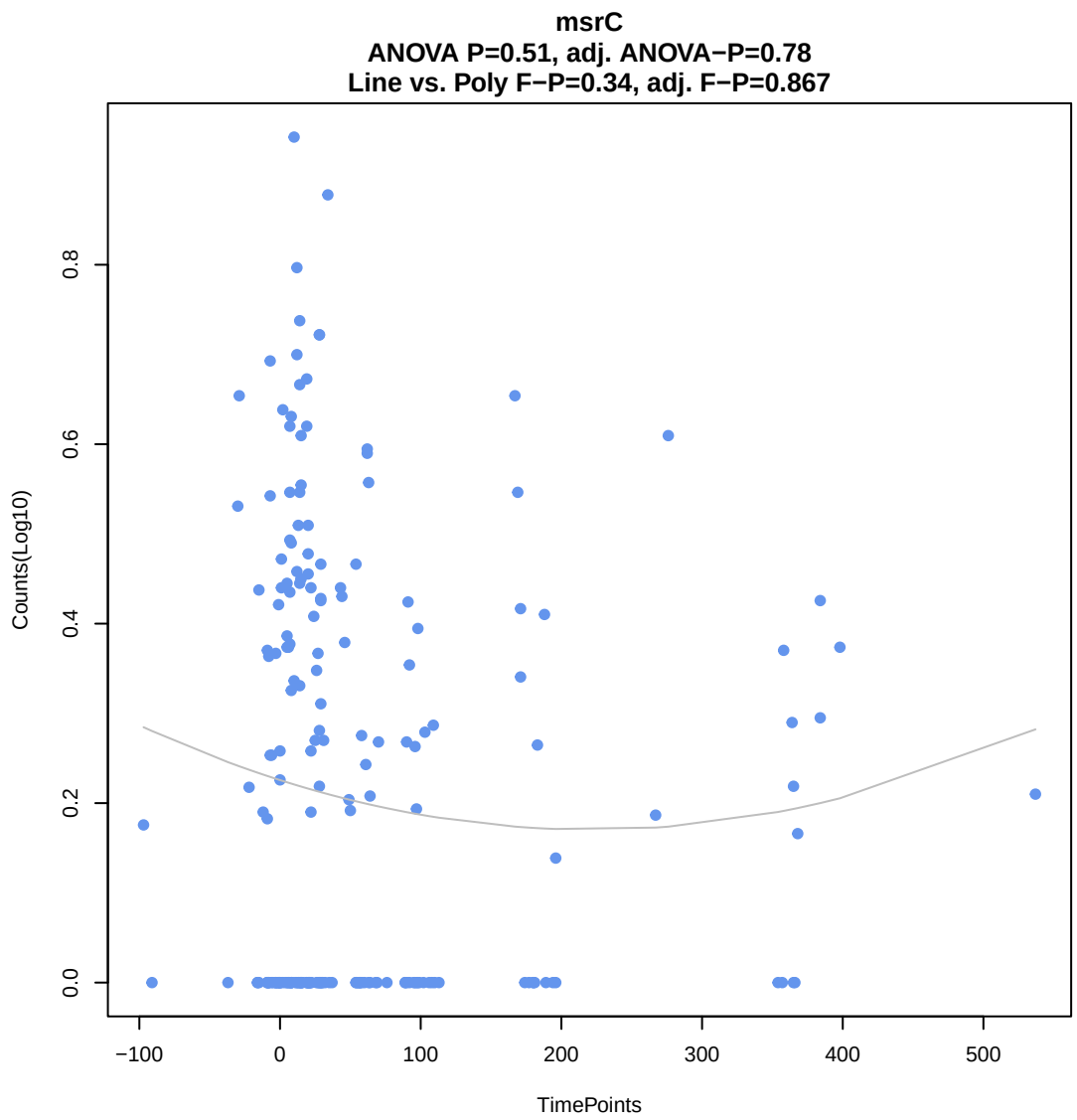

chrB
ANOVA P=0.405, adj. ANOVA−P=0.78
Line vs. Poly F−P=0.322, adj. F−P=0.867
Counts(Log10)
TimePoints

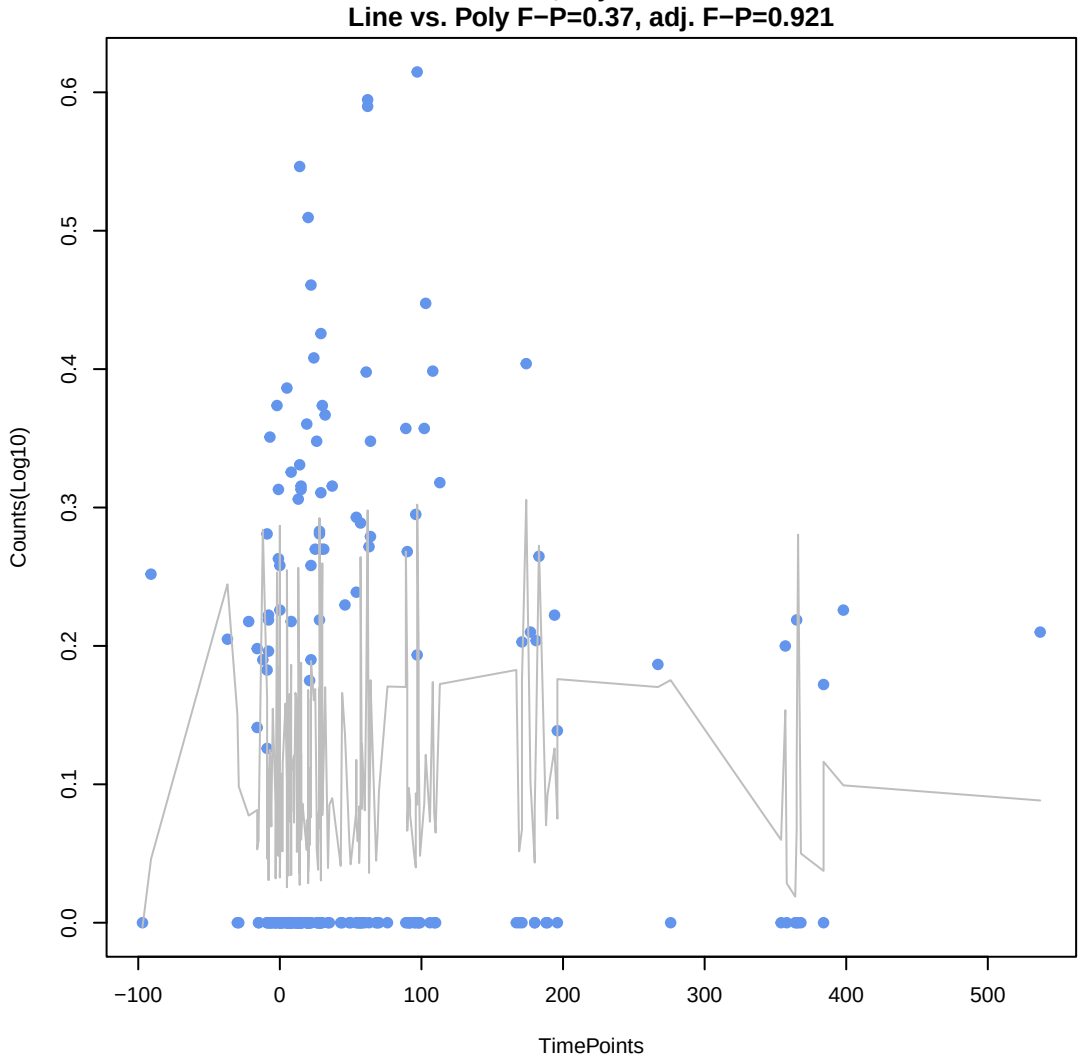

emrB
ANOVA P=0.0575, adj. ANOVA−P=0.526
Line vs. Poly F−P=0.322, adj. F−P=0.867
Counts(Log10)
TimePoints

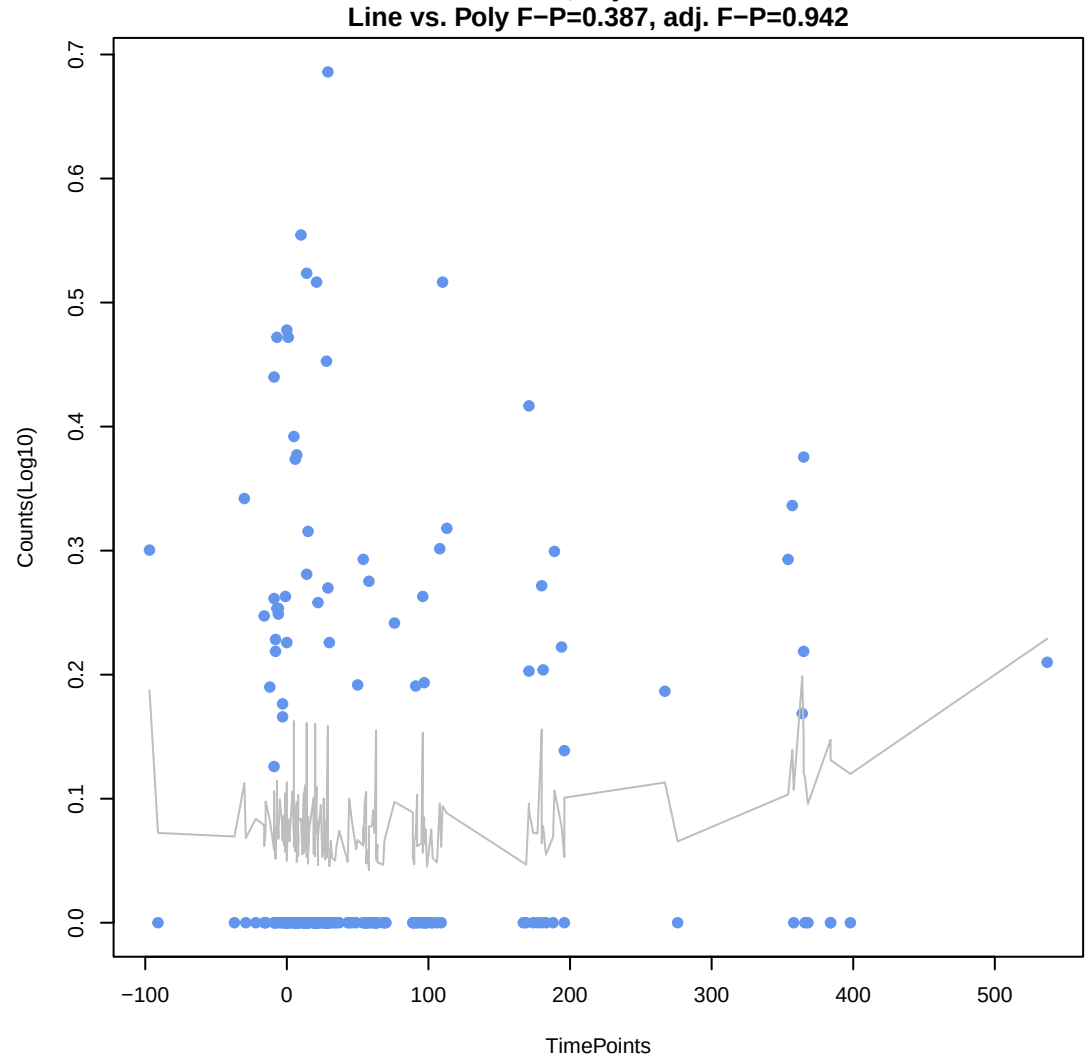

CRP
ANOVA P=0.41, adj. ANOVA−P=0.78
Line vs. Poly F−P=0.326, adj. F−P=0.867
Counts(Log10)
TimePoints

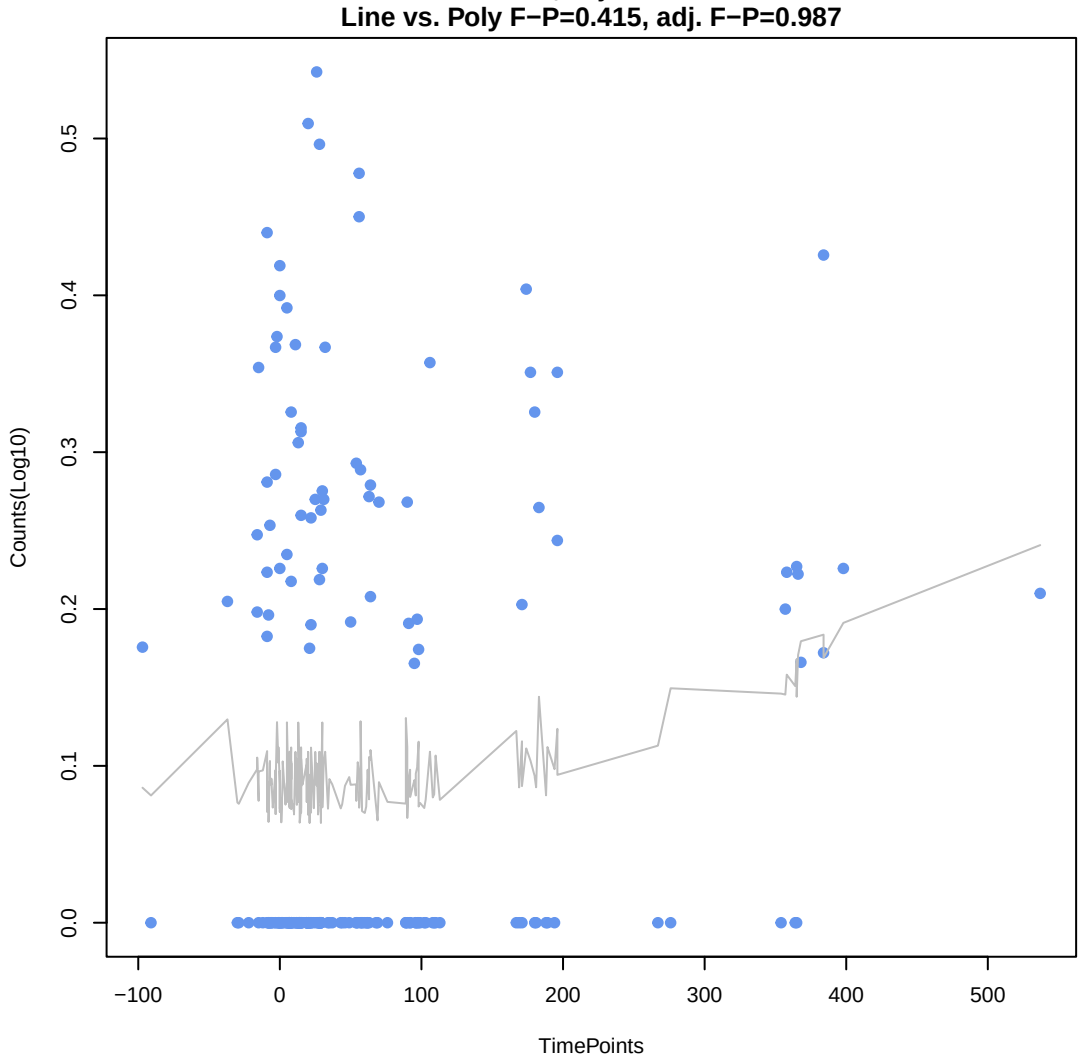

APH(6)−Ic
ANOVA P=0.382, adj. ANOVA−P=0.78
Line vs. Poly F−P=0.327, adj. F−P=0.867
Counts(Log10)
TimePoints

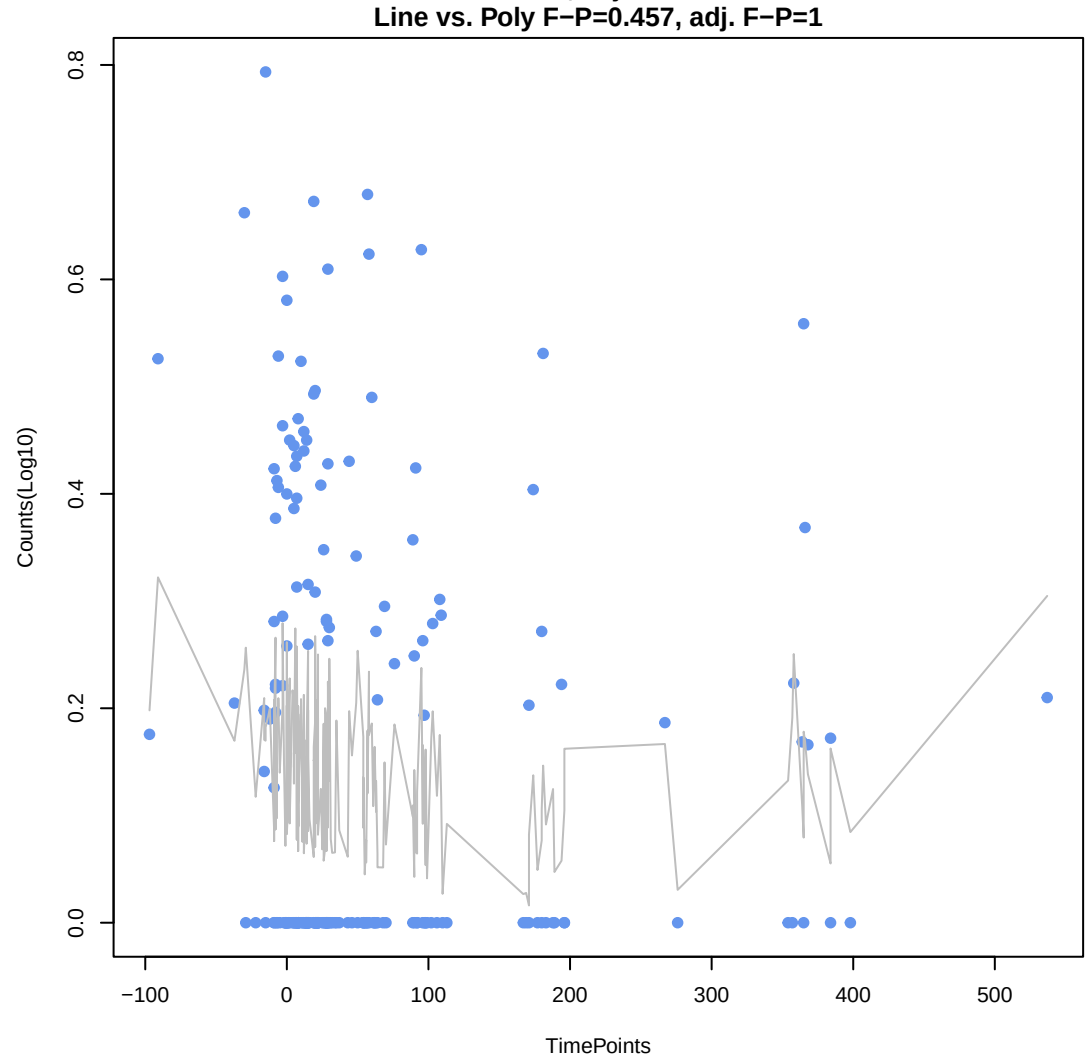

tet(M)
ANOVA P=0.49, adj. ANOVA−P=0.78
Line vs. Poly F−P=0.332, adj. F−P=0.867
Counts(Log10)
TimePoints

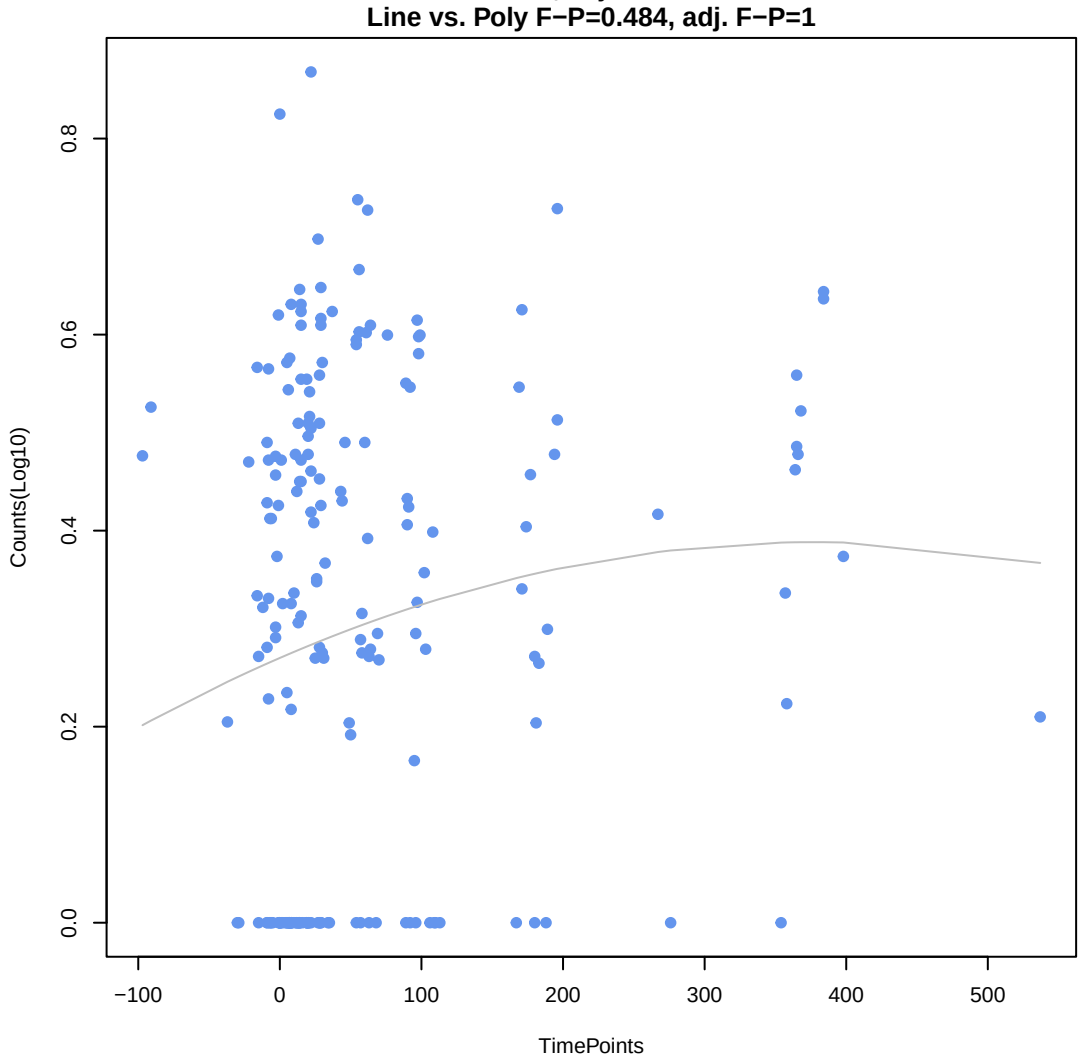

msrC
ANOVA P=0.51, adj. ANOVA−P=0.78
Line vs. Poly F−P=0.34, adj. F−P=0.867
Counts(Log10)
TimePoints

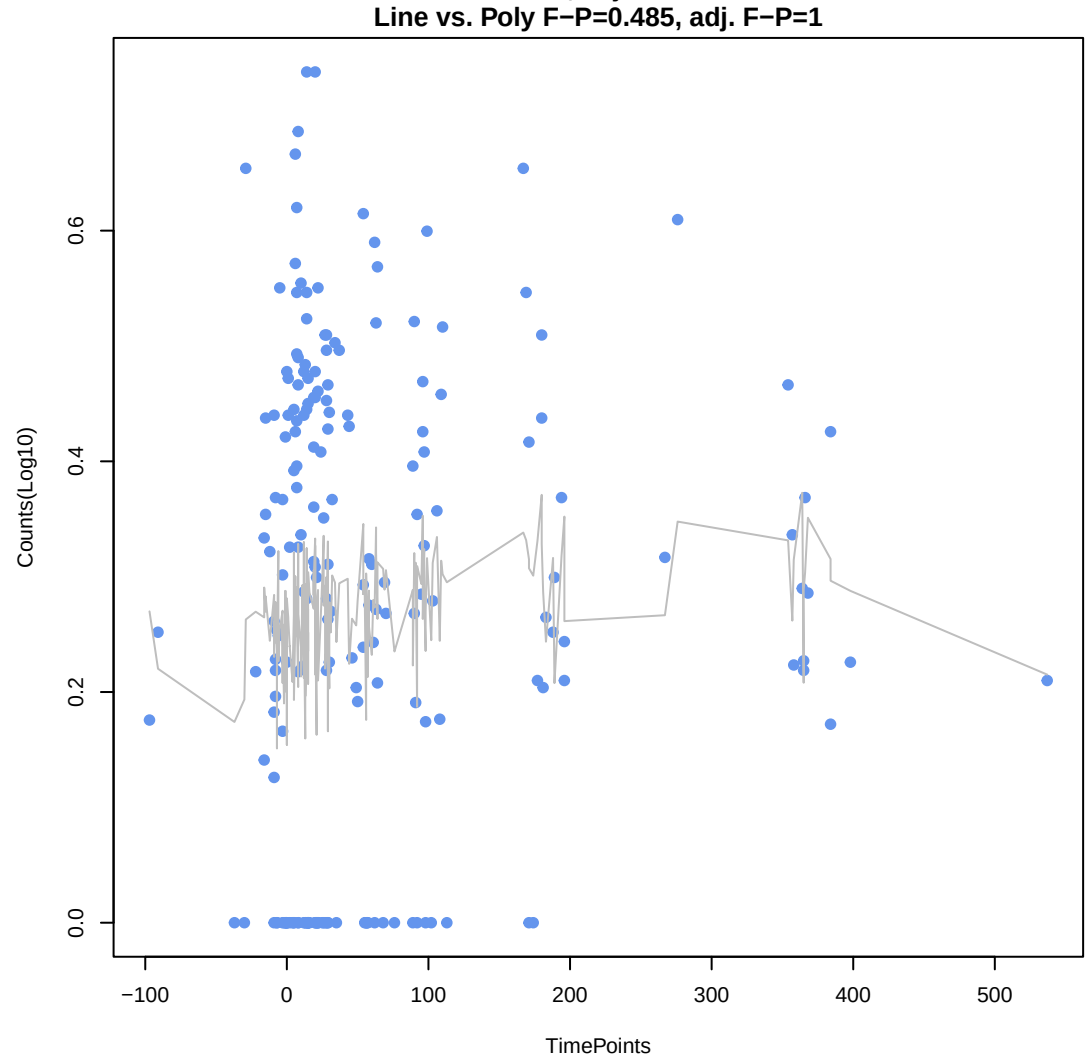

rsmA
ANOVA P=0.631, adj. ANOVA−P=0.832
Line vs. Poly F−P=0.37, adj. F−P=0.921
Counts(Log10)
TimePoints

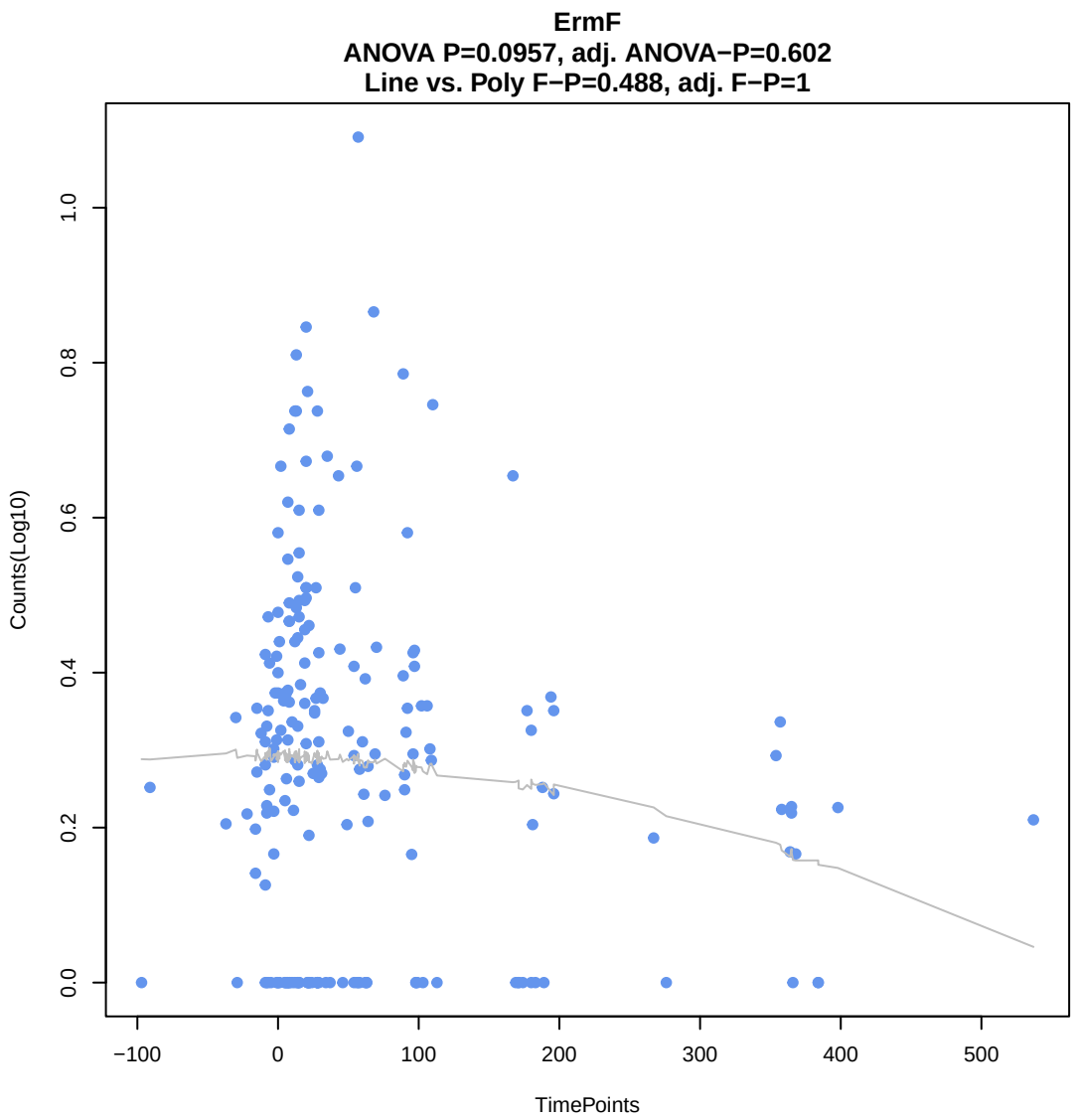

Streptomyces rimosus otr(A)
ANOVA P=0.407, adj. ANOVA−P=0.78
Line vs. Poly F−P=0.387, adj. F−P=0.942
Counts(Log10)
TimePoints

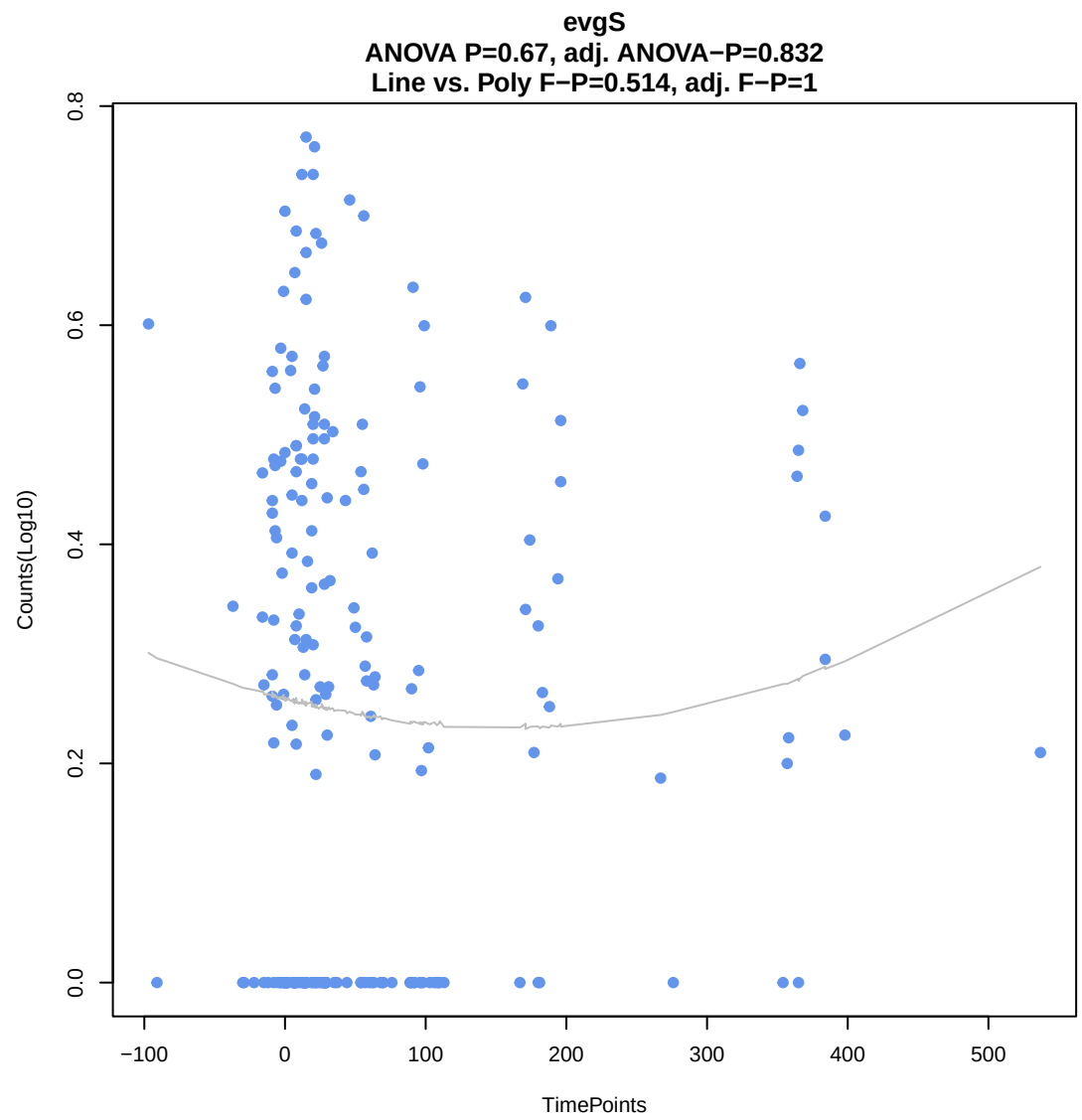

AcrS
ANOVA P=0.118, adj. ANOVA−P=0.625
Line vs. Poly F−P=0.415, adj. F−P=0.987
Counts(Log10)
TimePoints

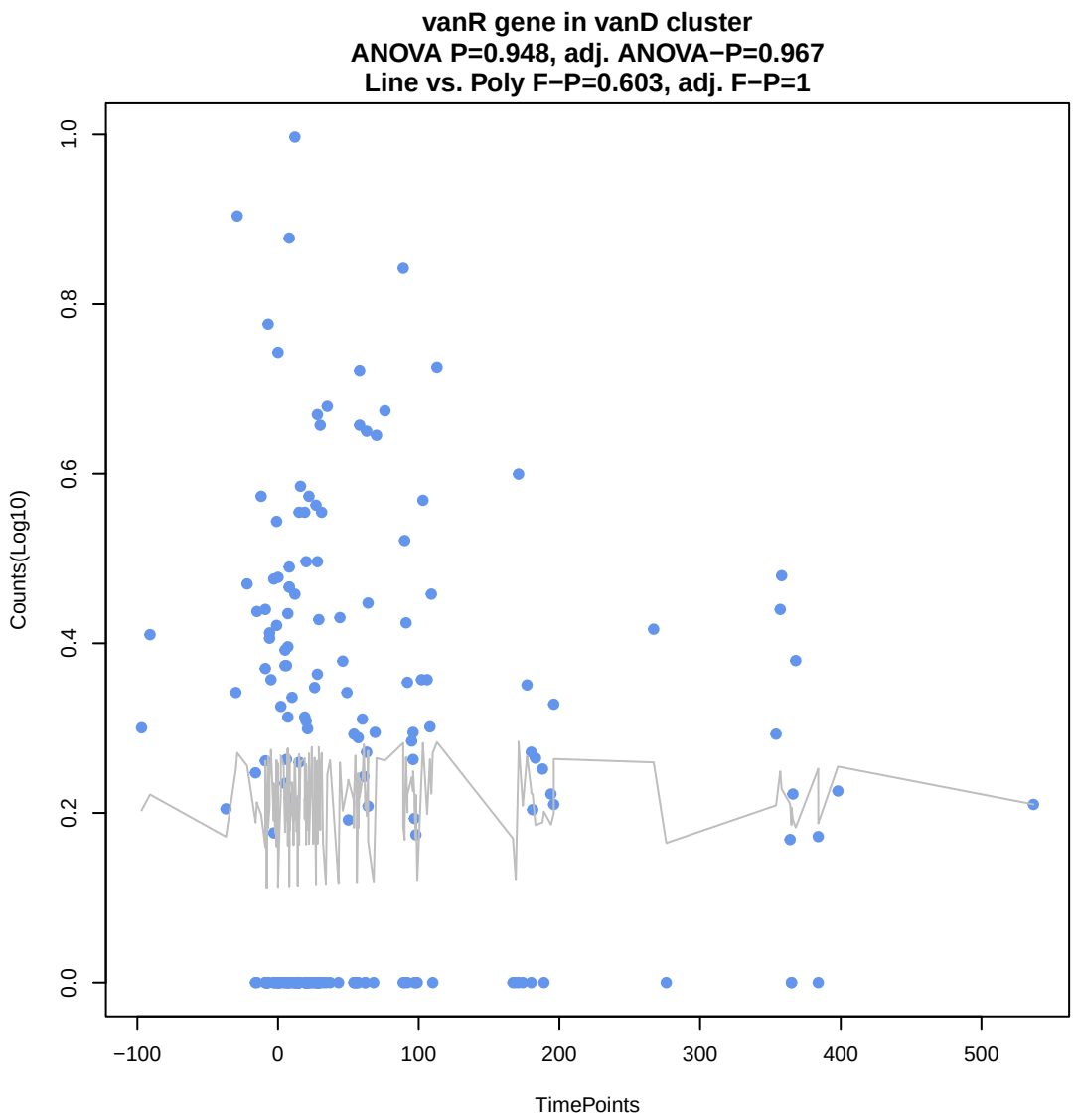

PDC−402
ANOVA P=0.279, adj. ANOVA−P=0.78
Line vs. Poly F−P=0.457, adj. F−P=1
Counts(Log10)
TimePoints

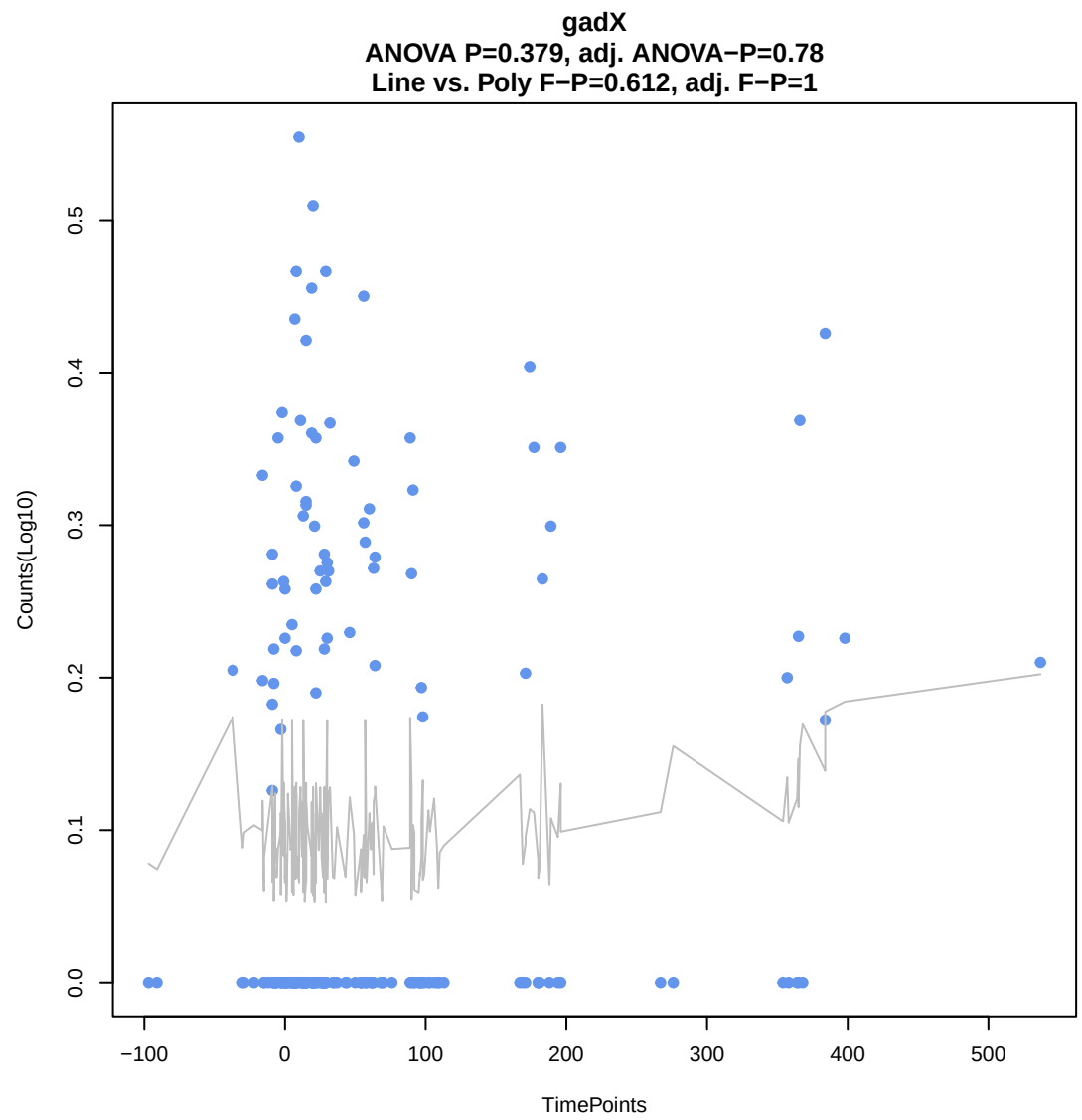

mdtB
ANOVA P=0.109, adj. ANOVA−P=0.614
Line vs. Poly F−P=0.484, adj. F−P=1
Counts(Log10)
TimePoints

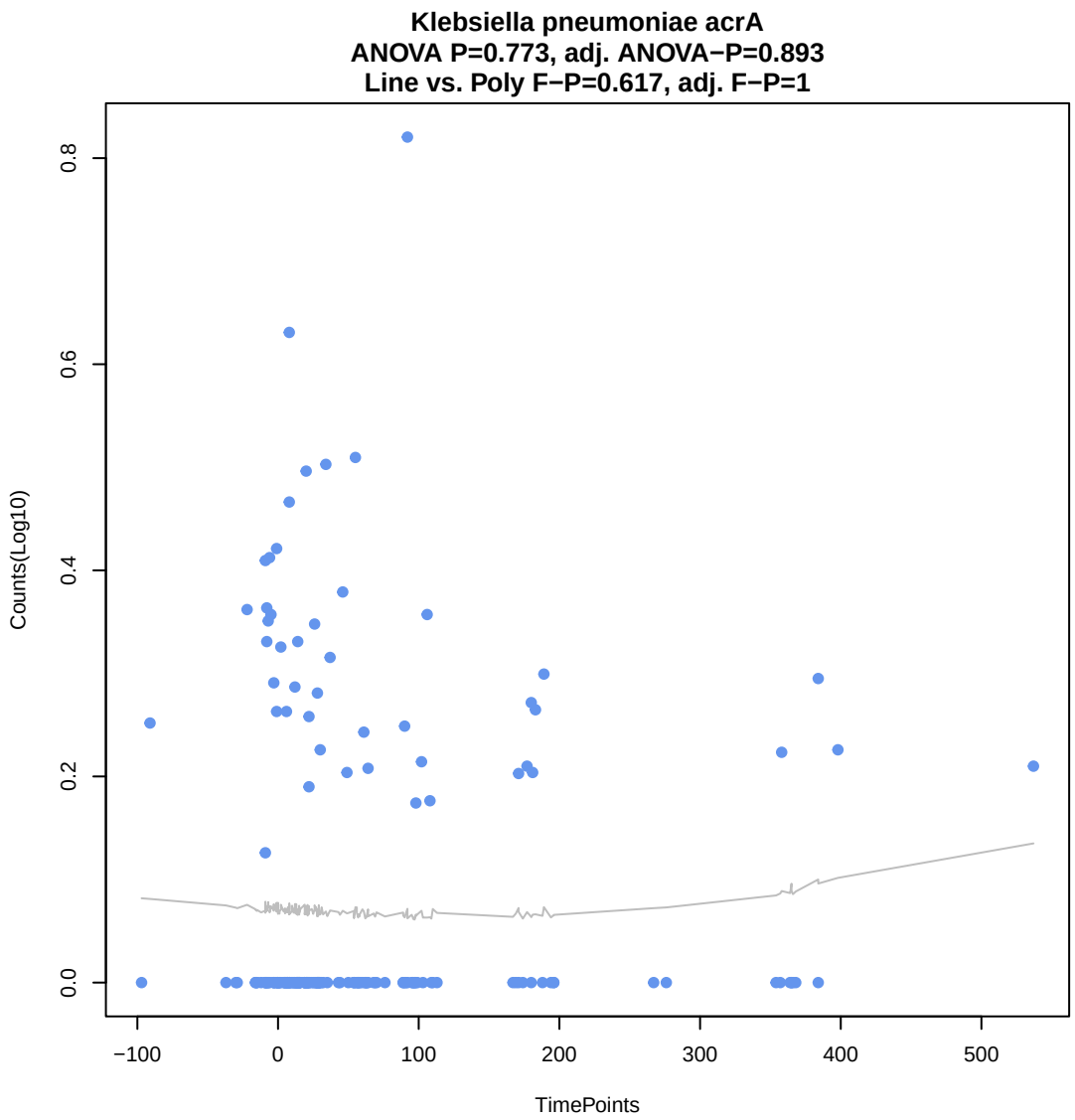

SAT−4
ANOVA P=0.365, adj. ANOVA−P=0.78
Line vs. Poly F−P=0.485, adj. F−P=1
Counts(Log10)
TimePoints

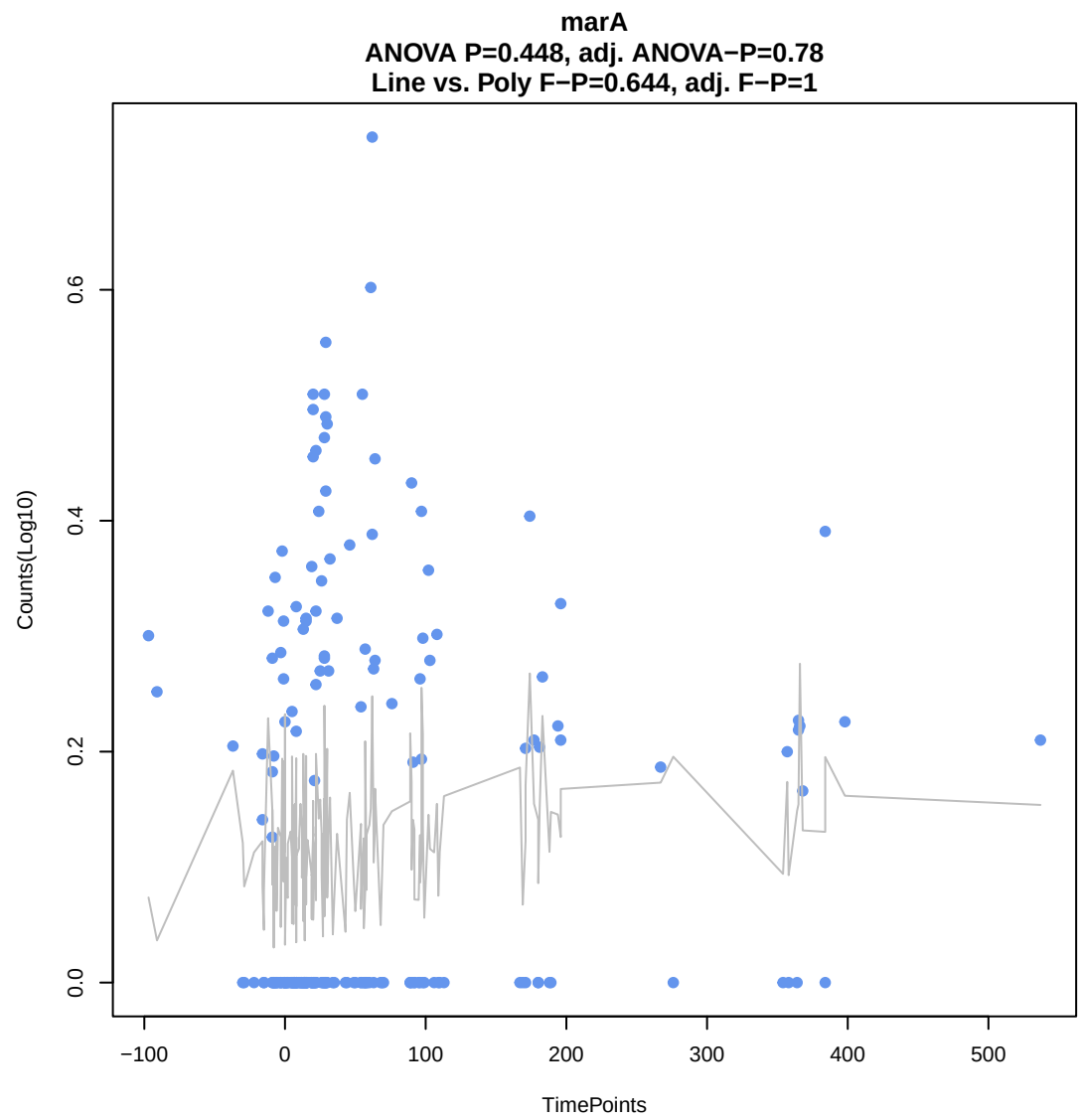

ErmF
ANOVA P=0.0957, adj. ANOVA−P=0.602
Line vs. Poly F−P=0.488, adj. F−P=1
Counts(Log10)
TimePoints

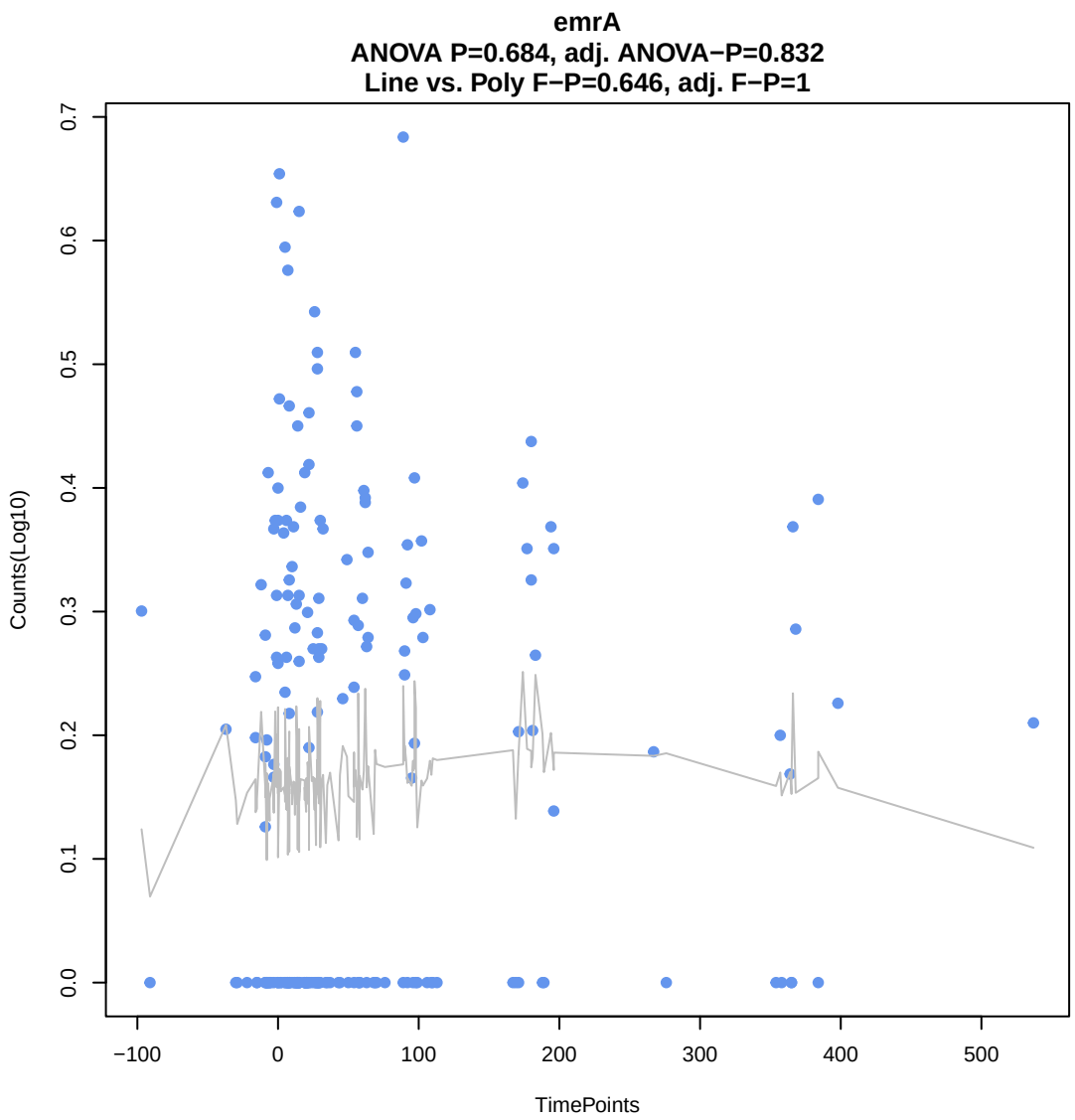

evgS
ANOVA P=0.67, adj. ANOVA−P=0.832
Line vs. Poly F−P=0.514, adj. F−P=1
Counts(Log10)
TimePoints

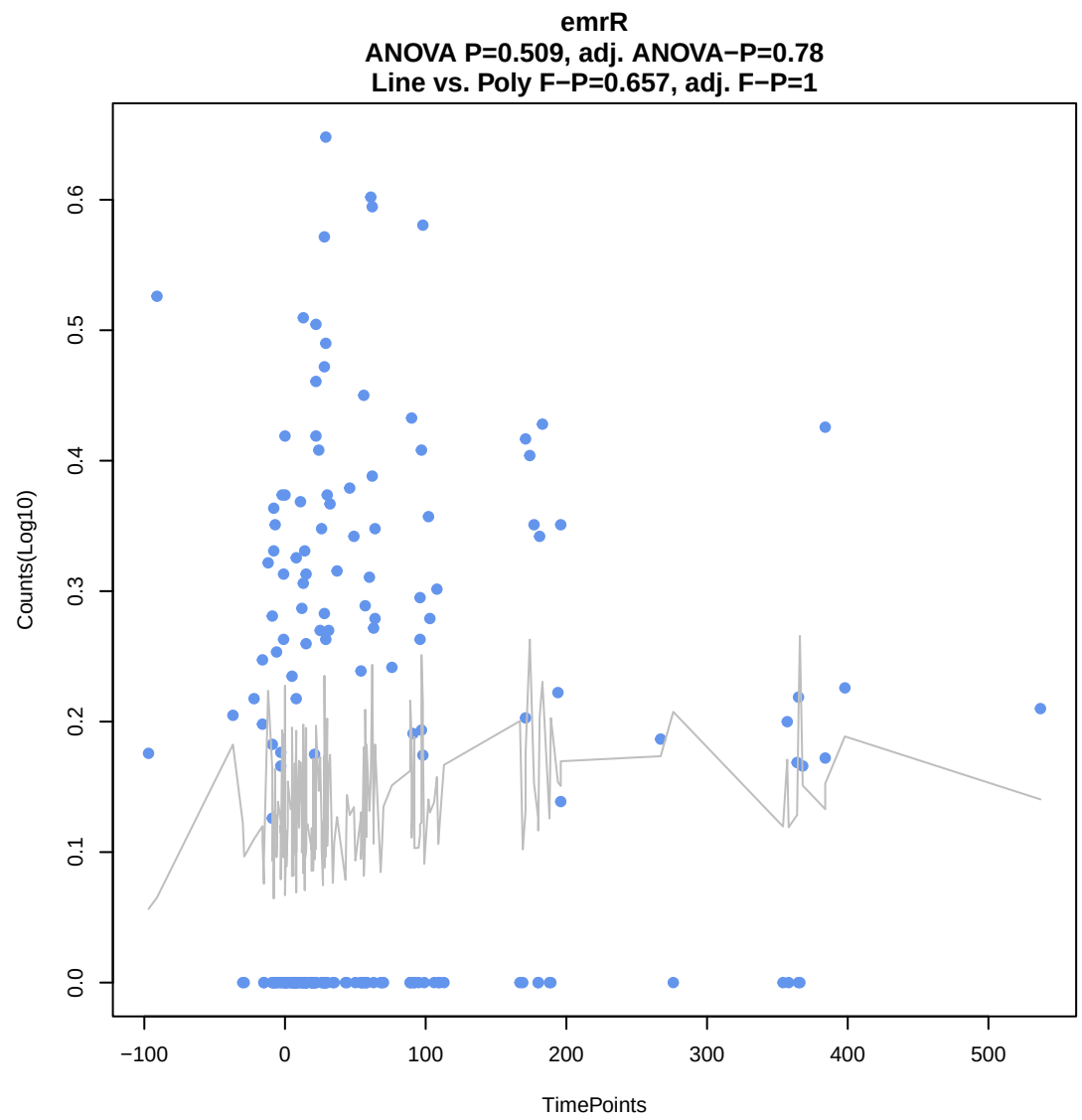

vanR gene in vanD cluster
ANOVA P=0.948, adj. ANOVA−P=0.967
Line vs. Poly F−P=0.603, adj. F−P=1
Counts(Log10)
TimePoints

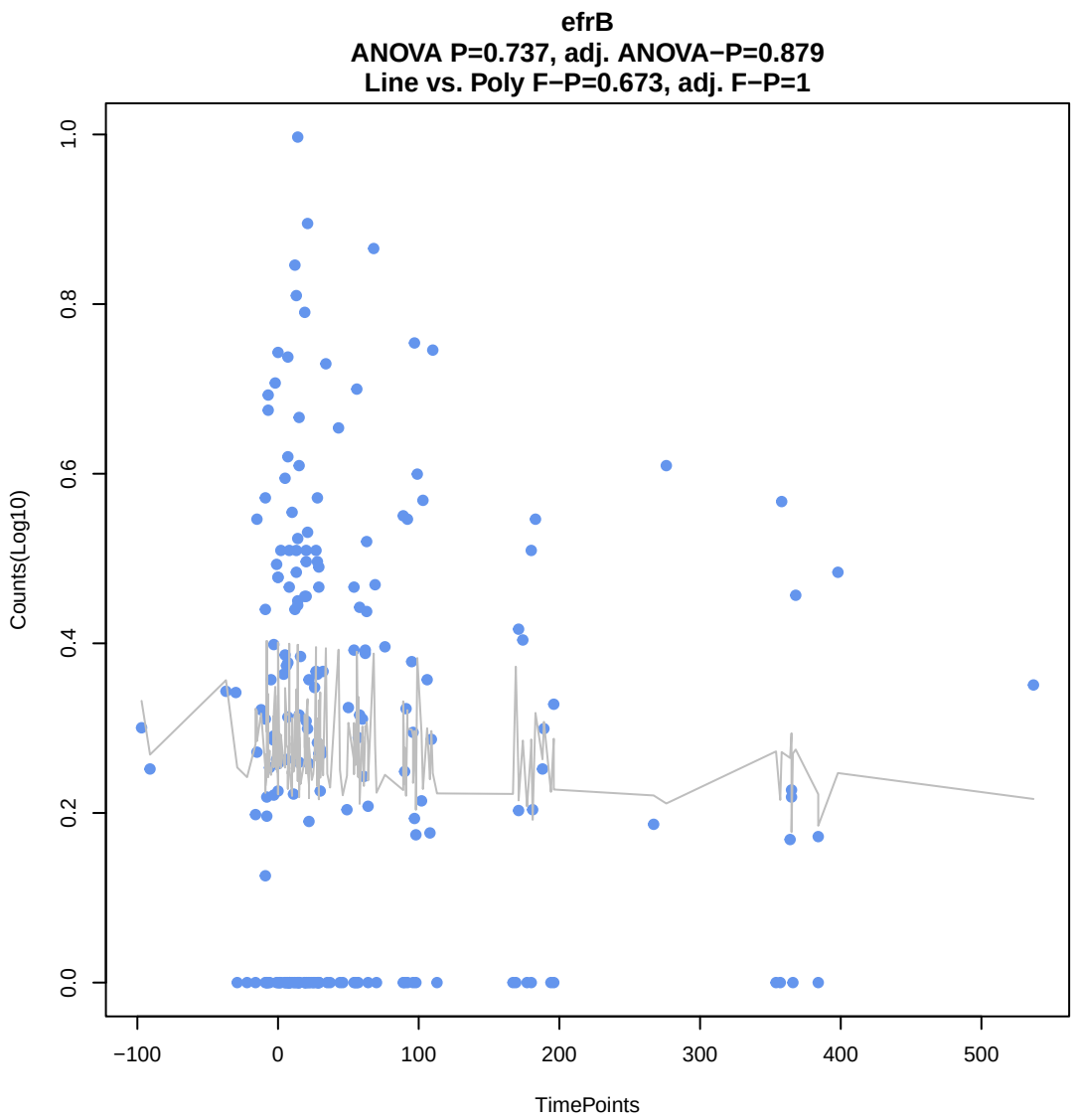

gadX
ANOVA P=0.379, adj. ANOVA−P=0.78
Line vs. Poly F−P=0.612, adj. F−P=1
Counts(Log10)
TimePoints

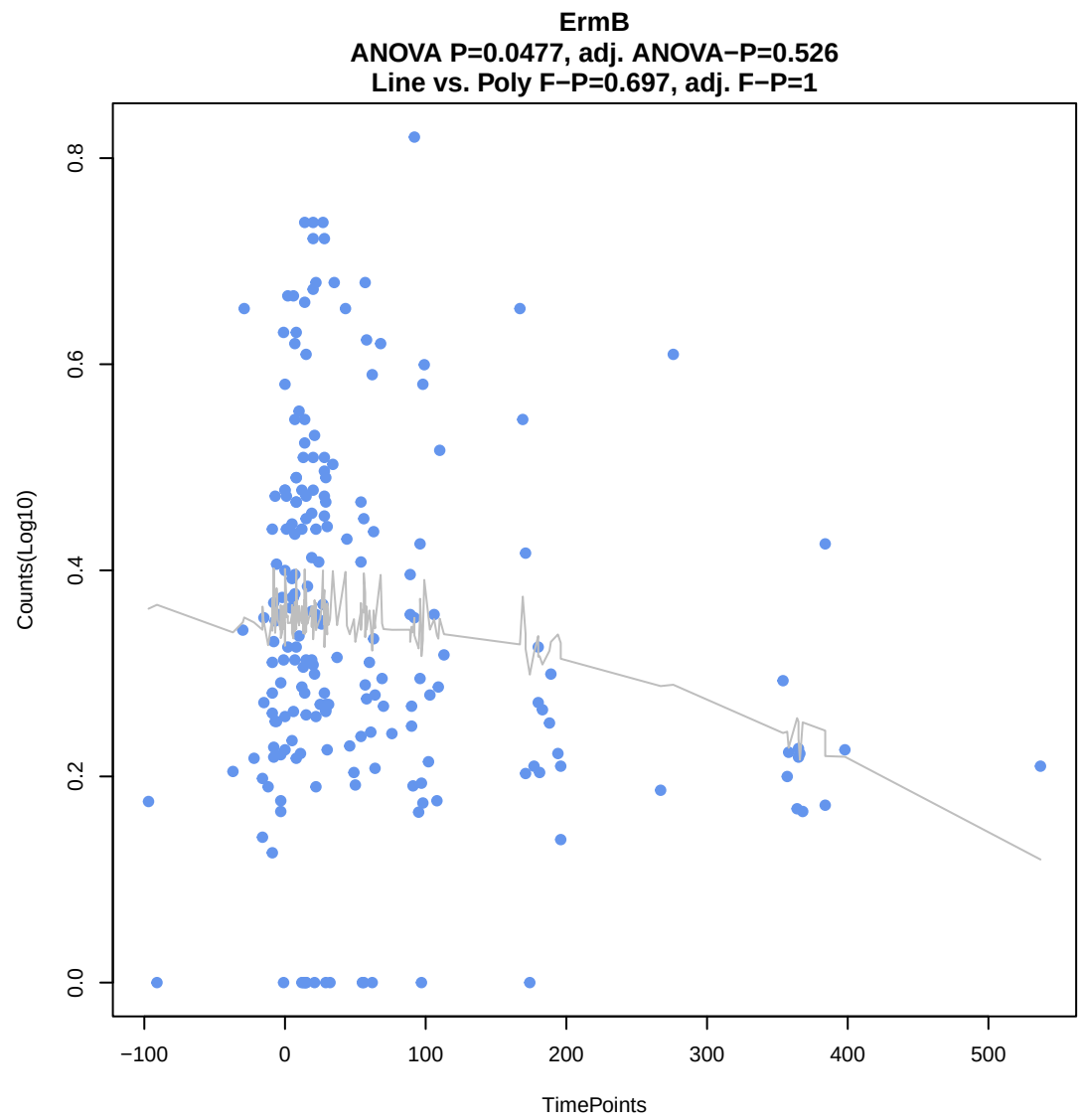

Klebsiella pneumoniae acrA
ANOVA P=0.773, adj. ANOVA−P=0.893
Line vs. Poly F−P=0.617, adj. F−P=1
Counts(Log10)
TimePoints

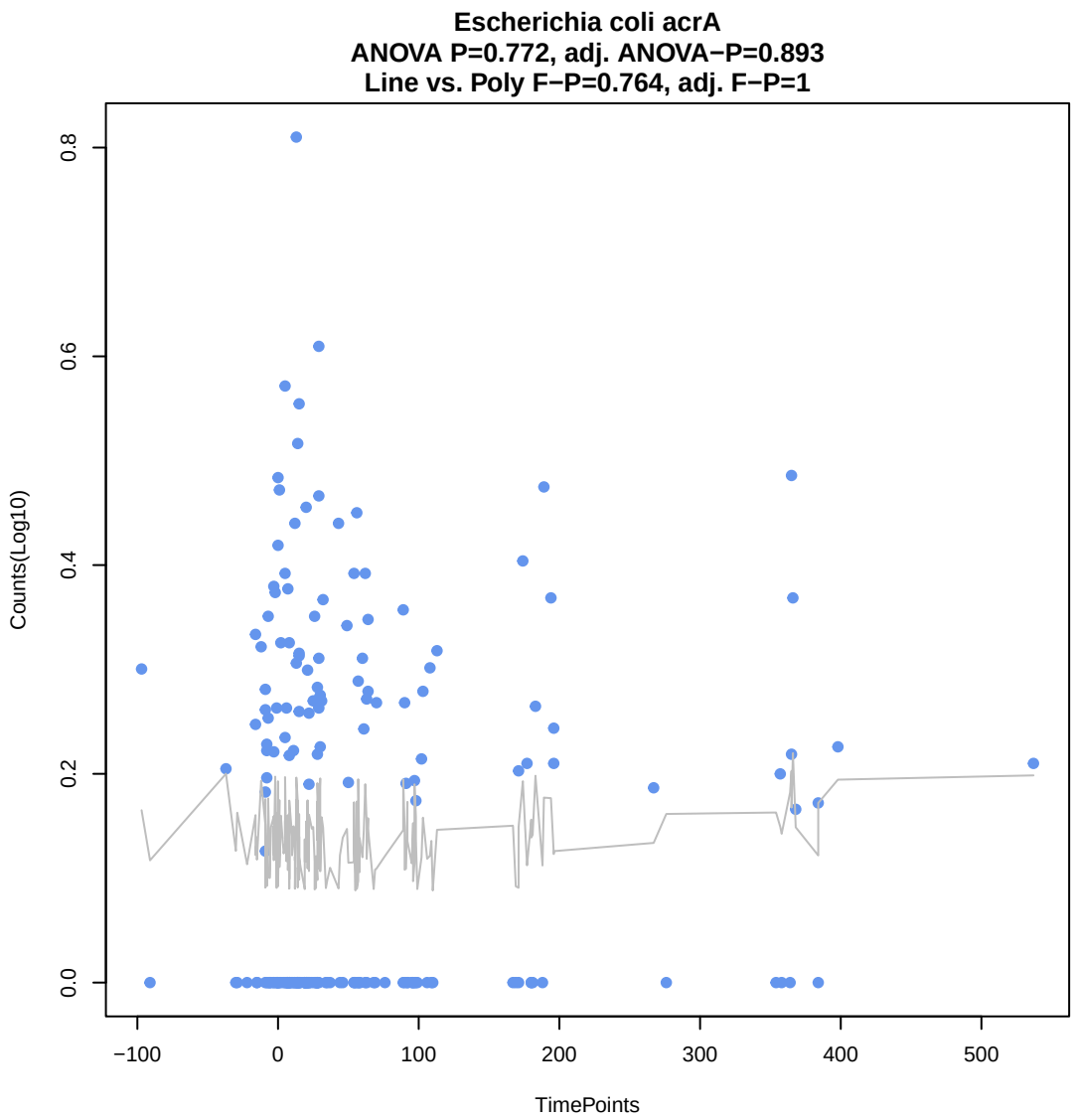

marA
ANOVA P=0.448, adj. ANOVA−P=0.78
Line vs. Poly F−P=0.644, adj. F−P=1
Counts(Log10)
TimePoints

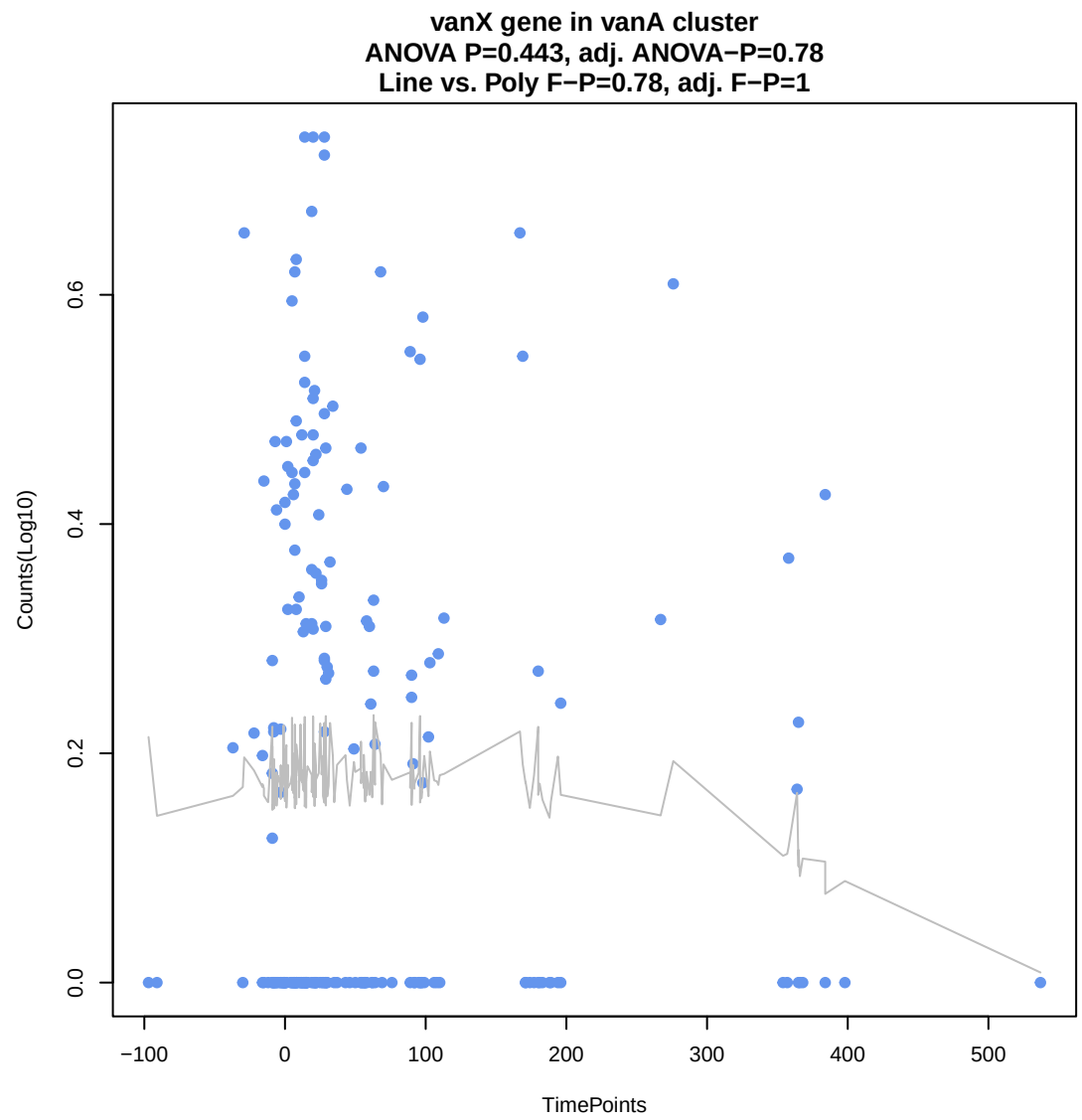

emrA
ANOVA P=0.684, adj. ANOVA−P=0.832
Line vs. Poly F−P=0.646, adj. F−P=1
Counts(Log10)
TimePoints

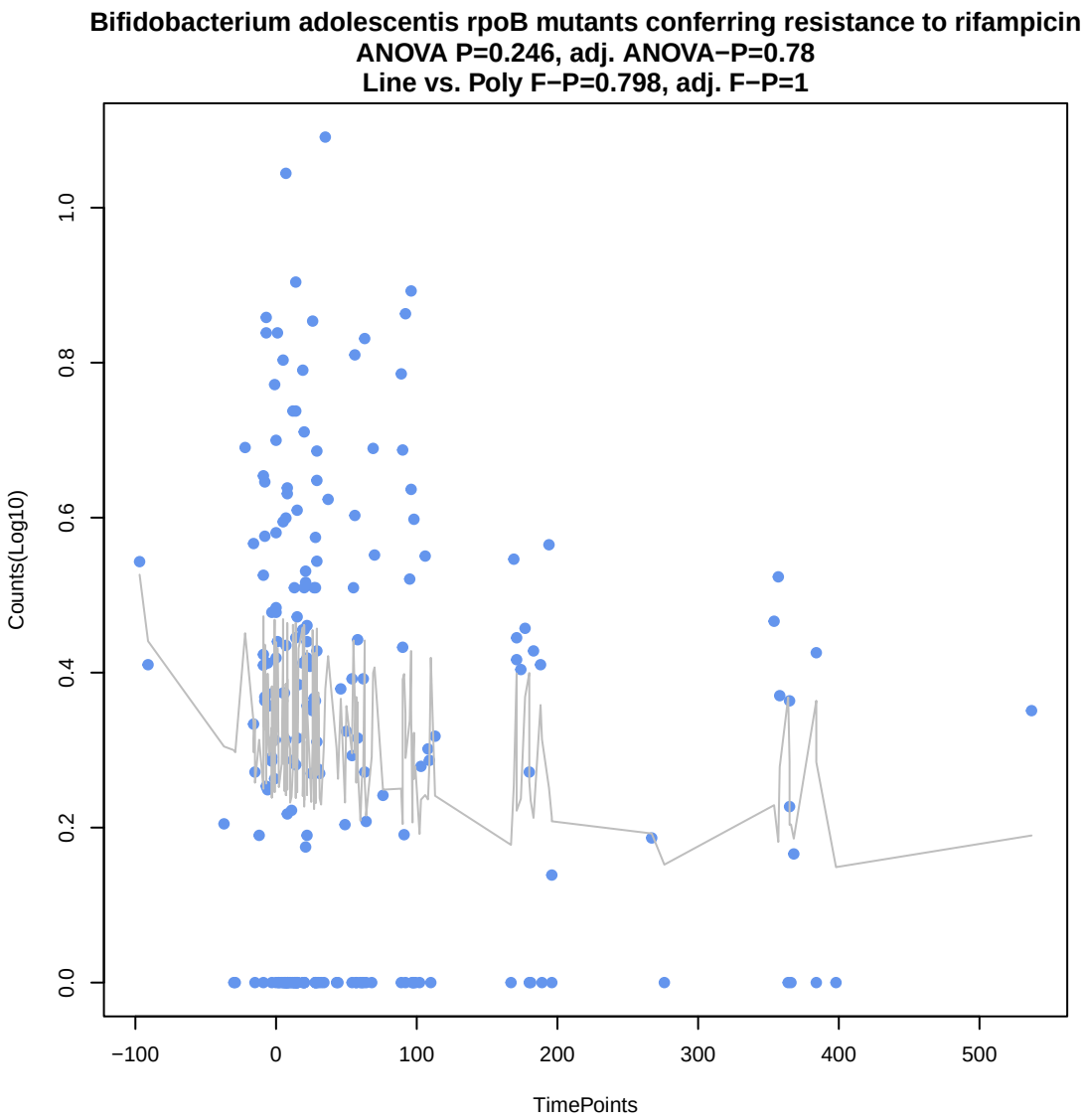

emrR
ANOVA P=0.509, adj. ANOVA−P=0.78
Line vs. Poly F−P=0.657, adj. F−P=1
Counts(Log10)
TimePoints

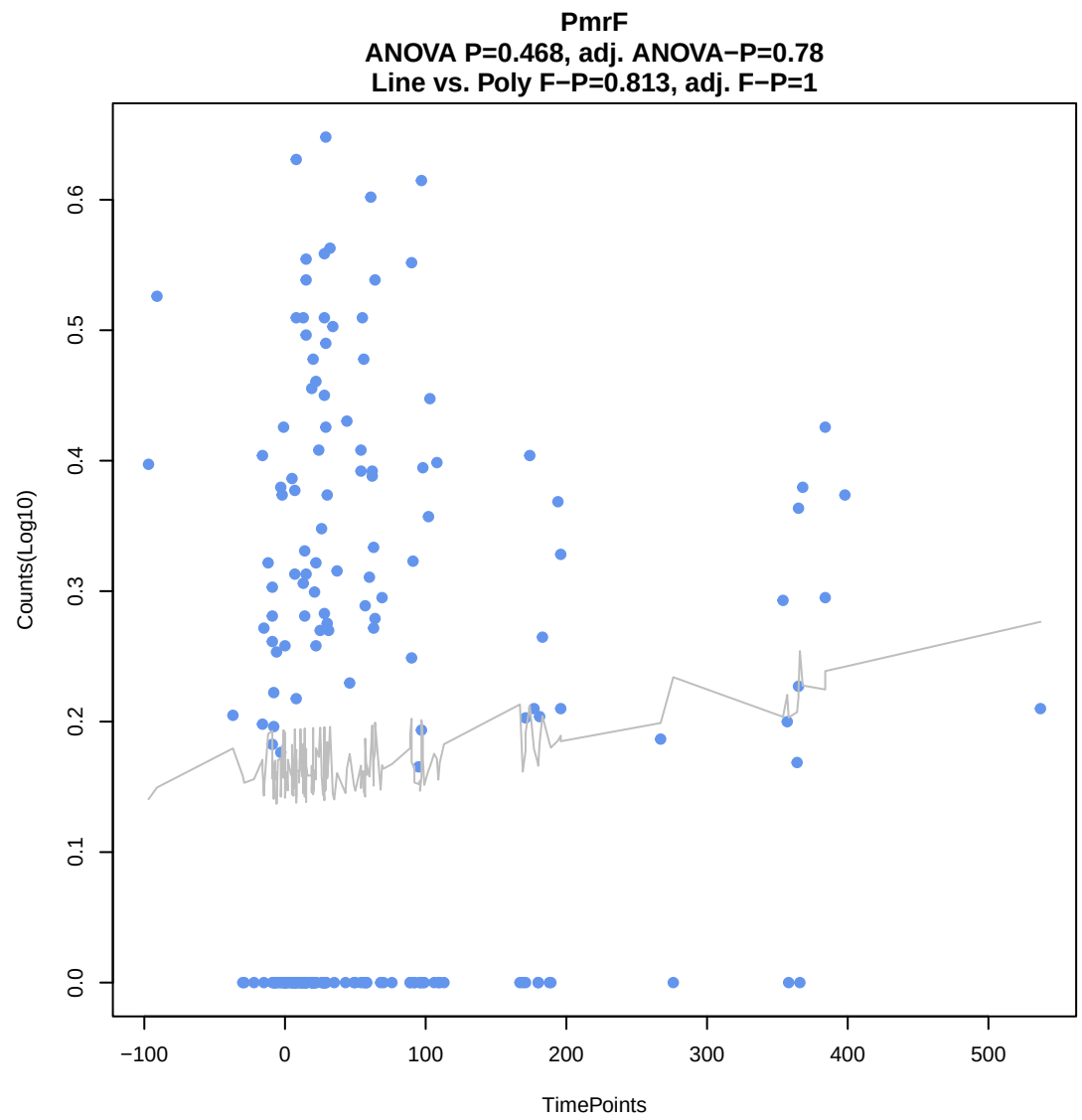

efrB
ANOVA P=0.737, adj. ANOVA−P=0.879
Line vs. Poly F−P=0.673, adj. F−P=1
Counts(Log10)
TimePoints

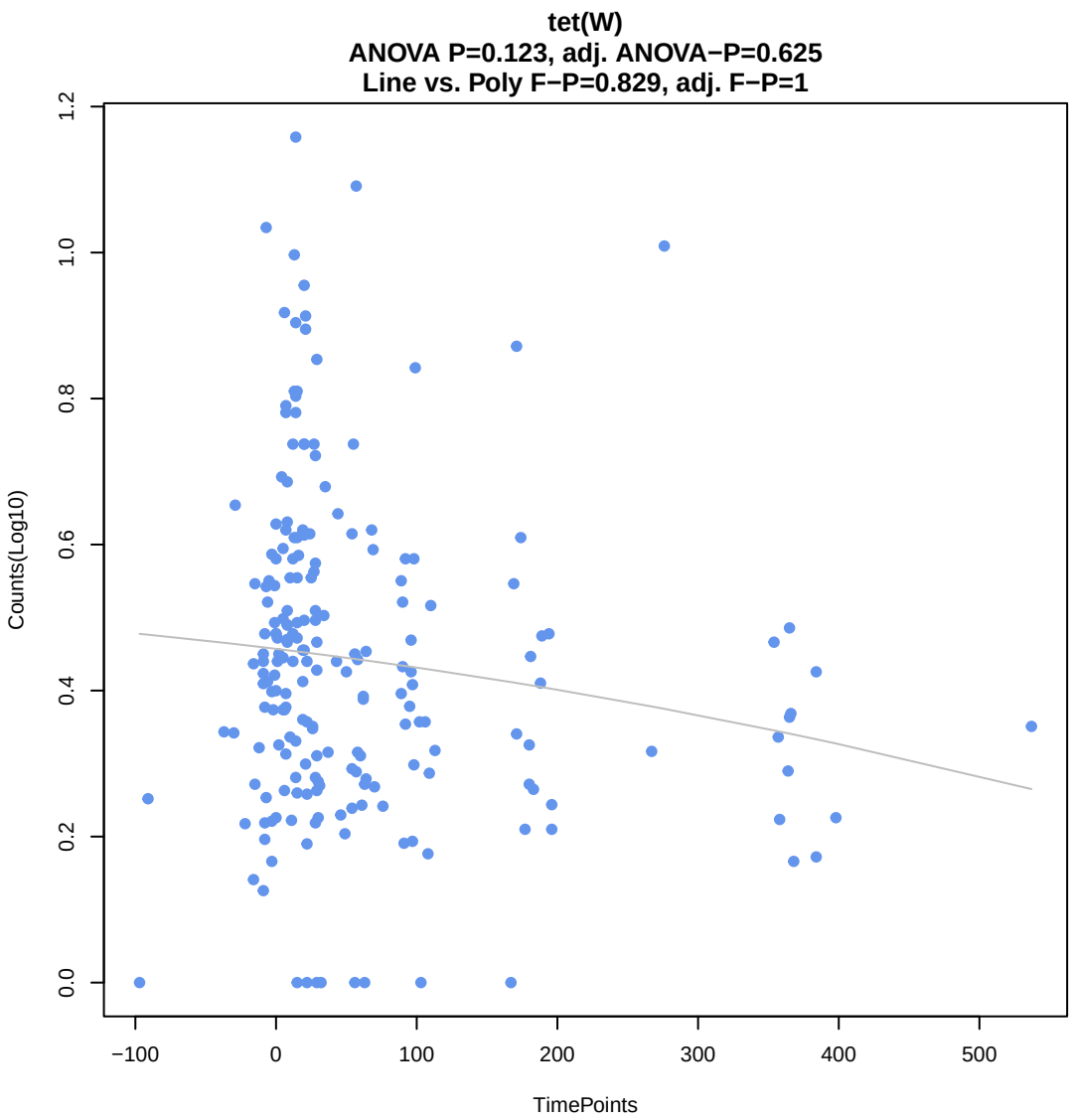

ErmB
ANOVA P=0.0477, adj. ANOVA−P=0.526
Line vs. Poly F−P=0.697, adj. F−P=1
Counts(Log10)
TimePoints

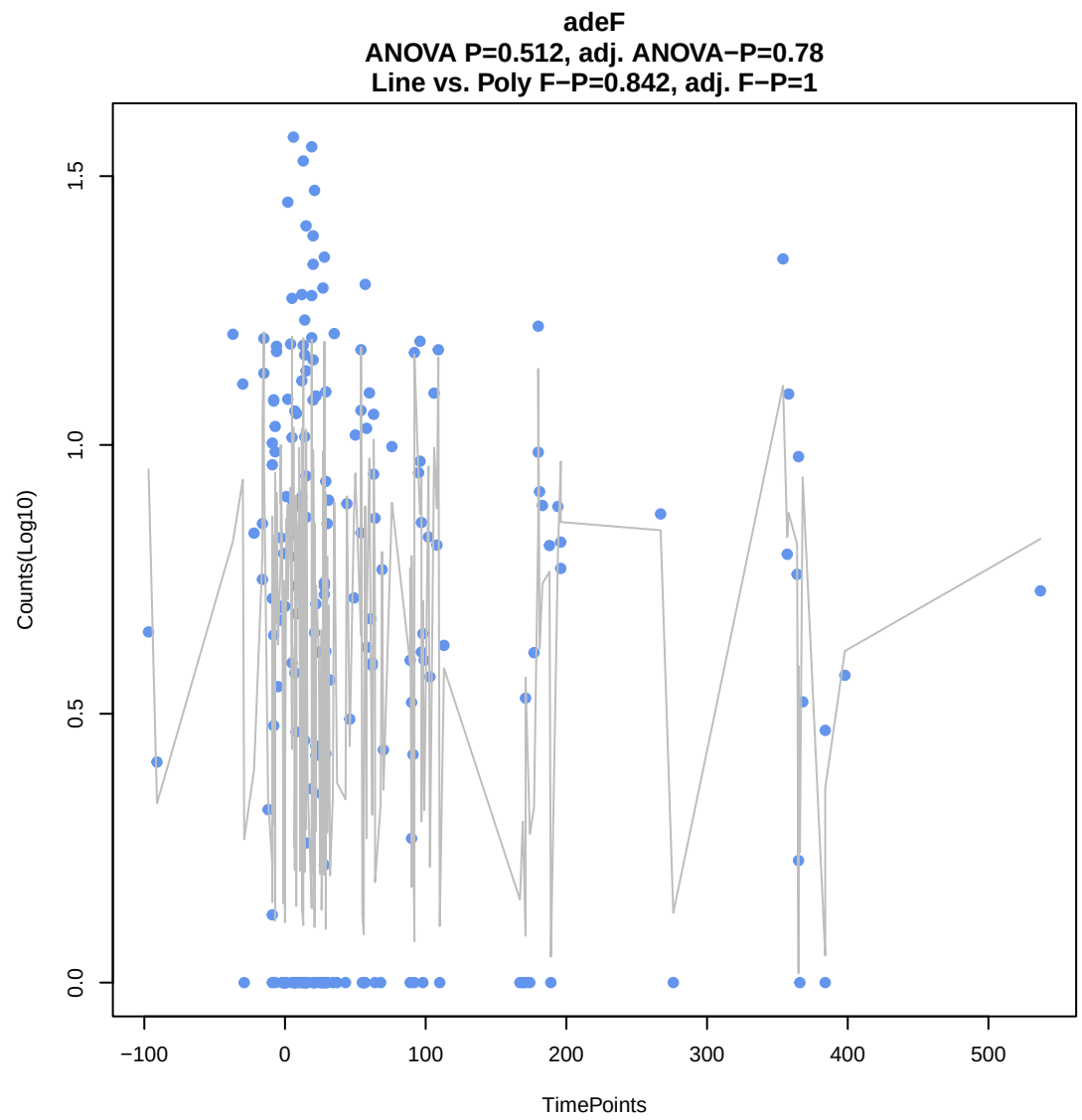

Escherichia coli acrA
ANOVA P=0.772, adj. ANOVA−P=0.893
Line vs. Poly F−P=0.764, adj. F−P=1
Counts(Log10)
TimePoints

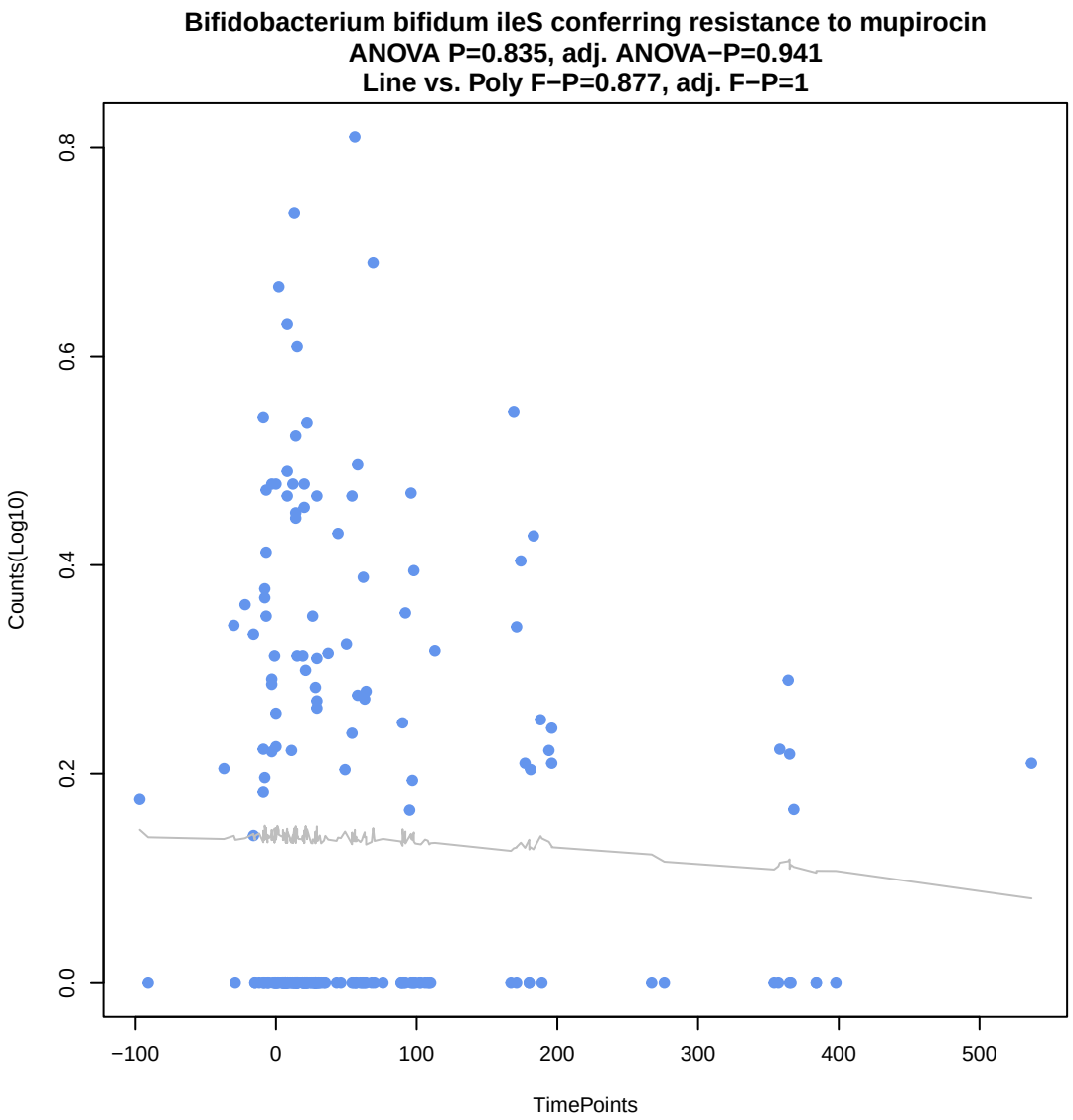

vanX gene in vanA cluster
ANOVA P=0.443, adj. ANOVA−P=0.78
Line vs. Poly F−P=0.78, adj. F−P=1
Counts(Log10)
TimePoints

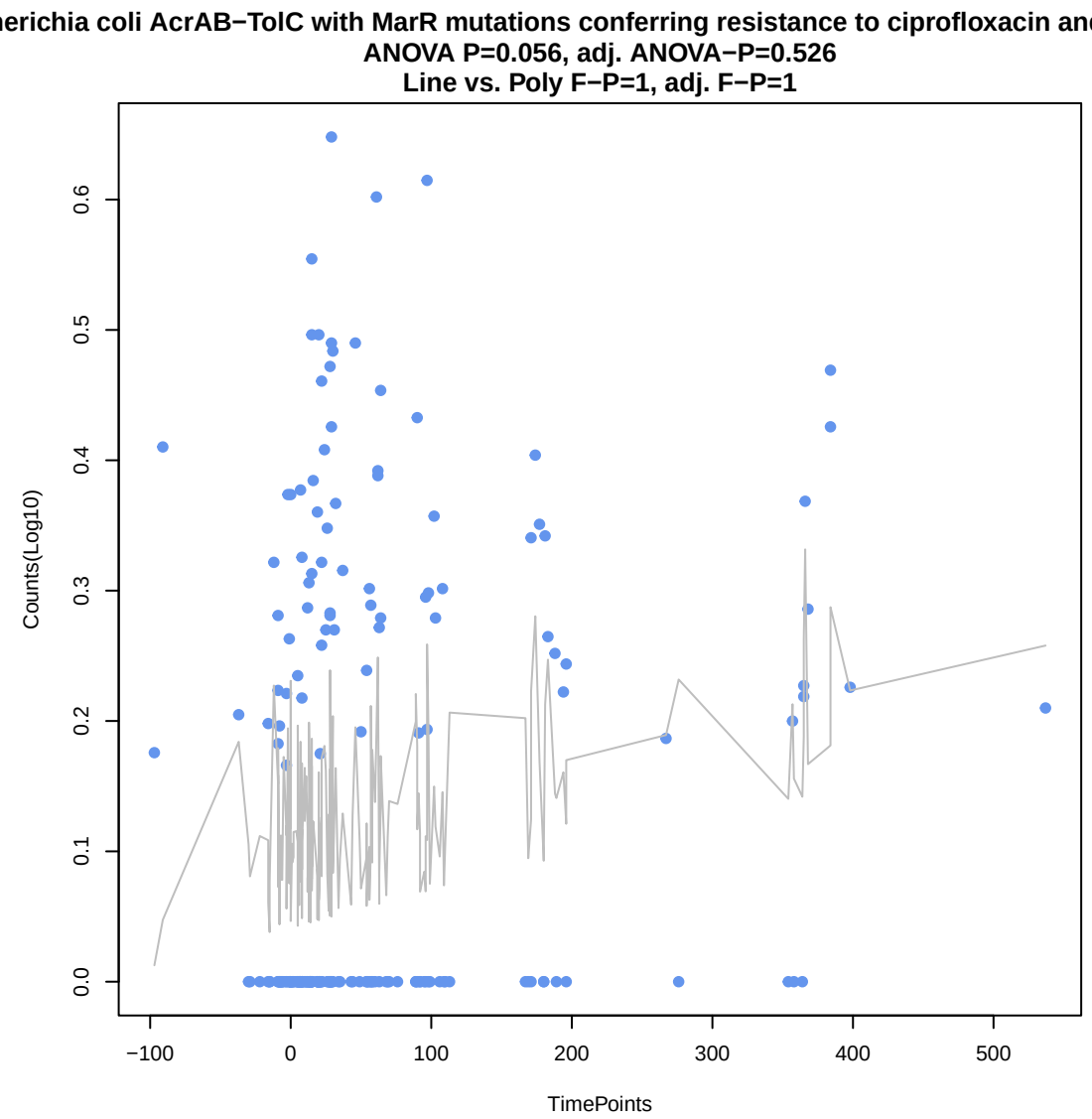

Bifidobacterium adolescentis rpoB mutants conferring resistance to rifampicin
ANOVA P=0.246, adj. ANOVA−P=0.78
Line vs. Poly F−P=0.798, adj. F−P=1
Counts(Log10)
TimePoints

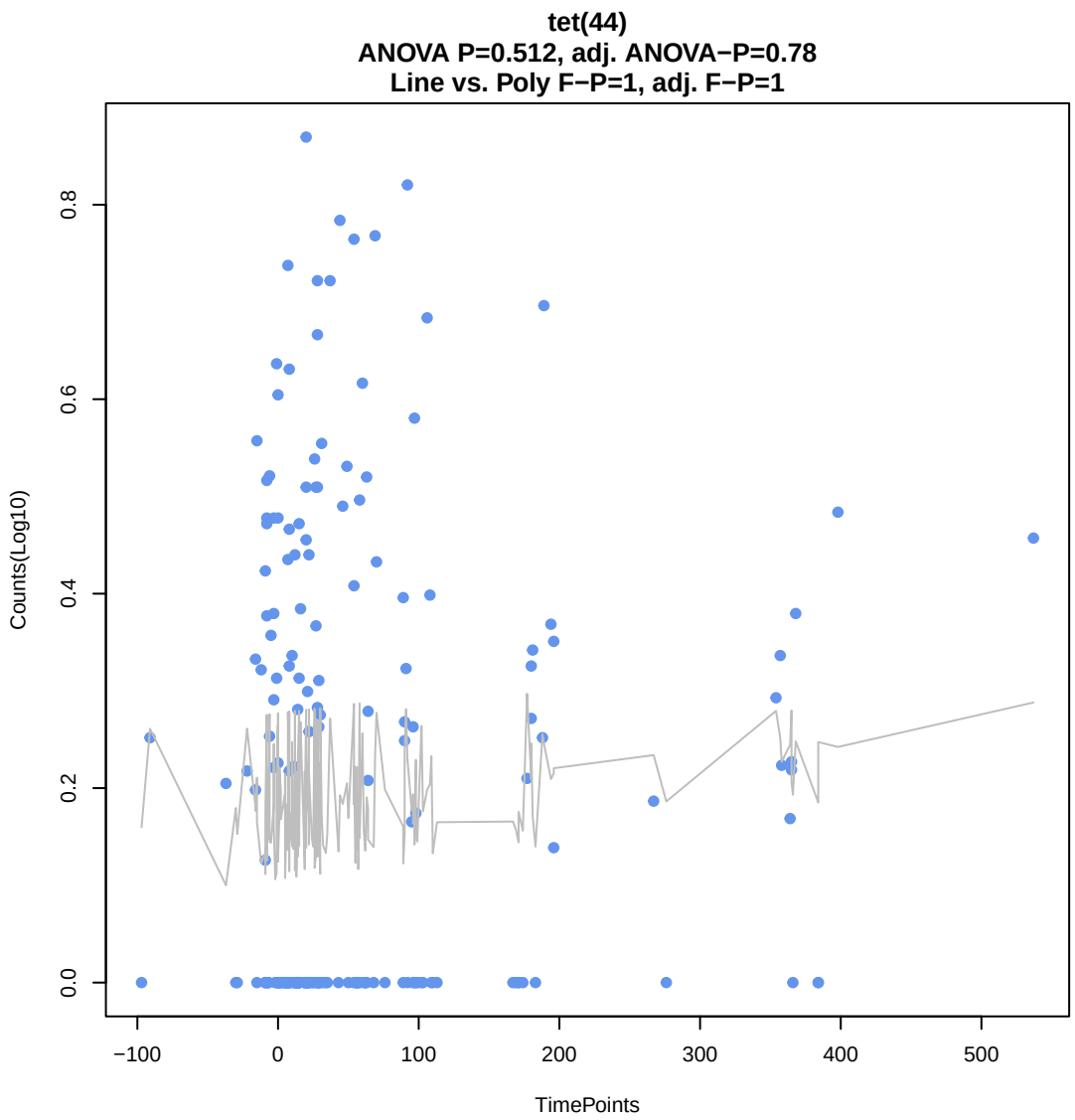

PmrF
ANOVA P=0.468, adj. ANOVA−P=0.78
Line vs. Poly F−P=0.813, adj. F−P=1
Counts(Log10)
TimePoints

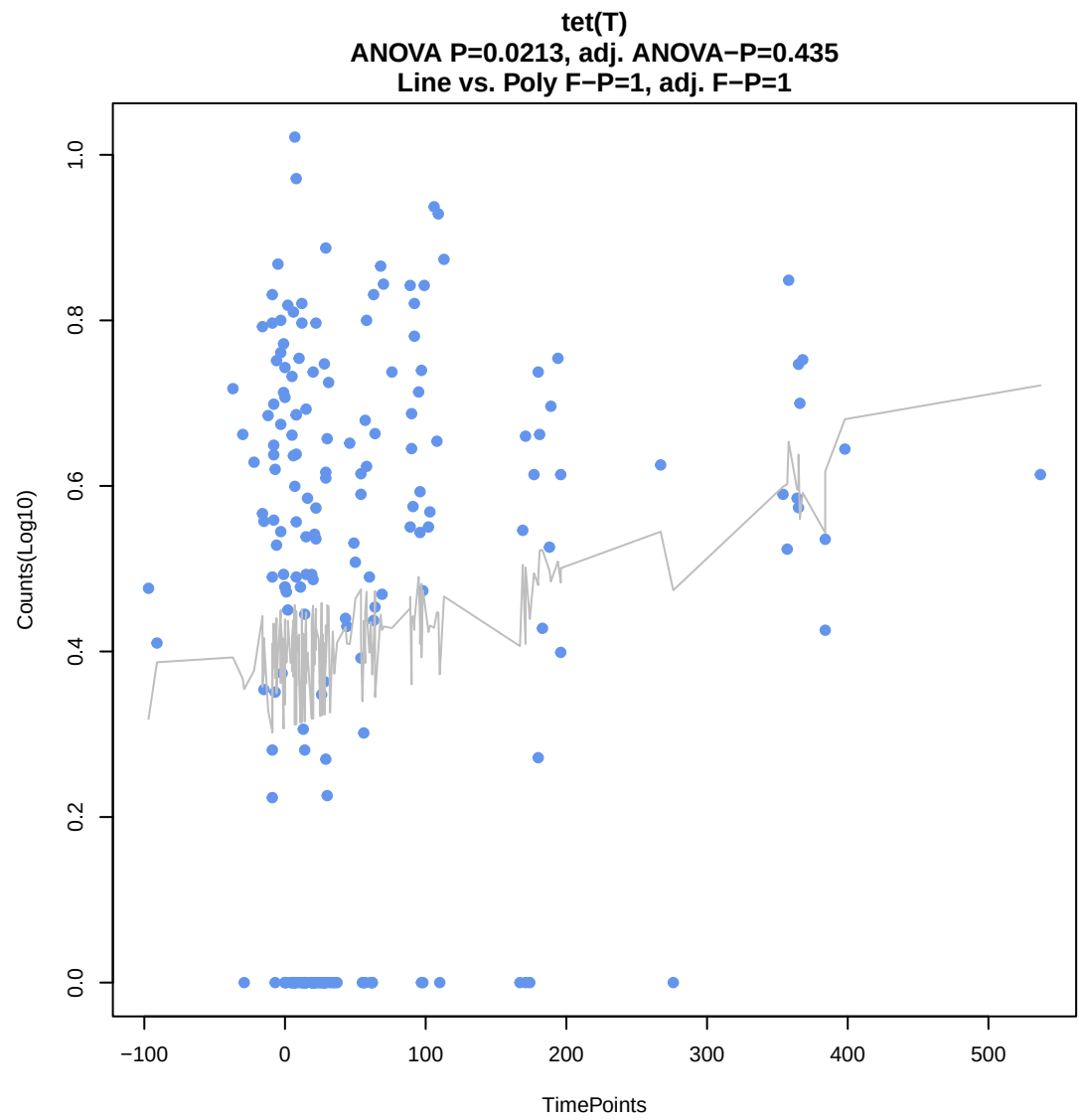

tet(W)
ANOVA P=0.123, adj. ANOVA−P=0.625
Line vs. Poly F−P=0.829, adj. F−P=1
Counts(Log10)
TimePoints

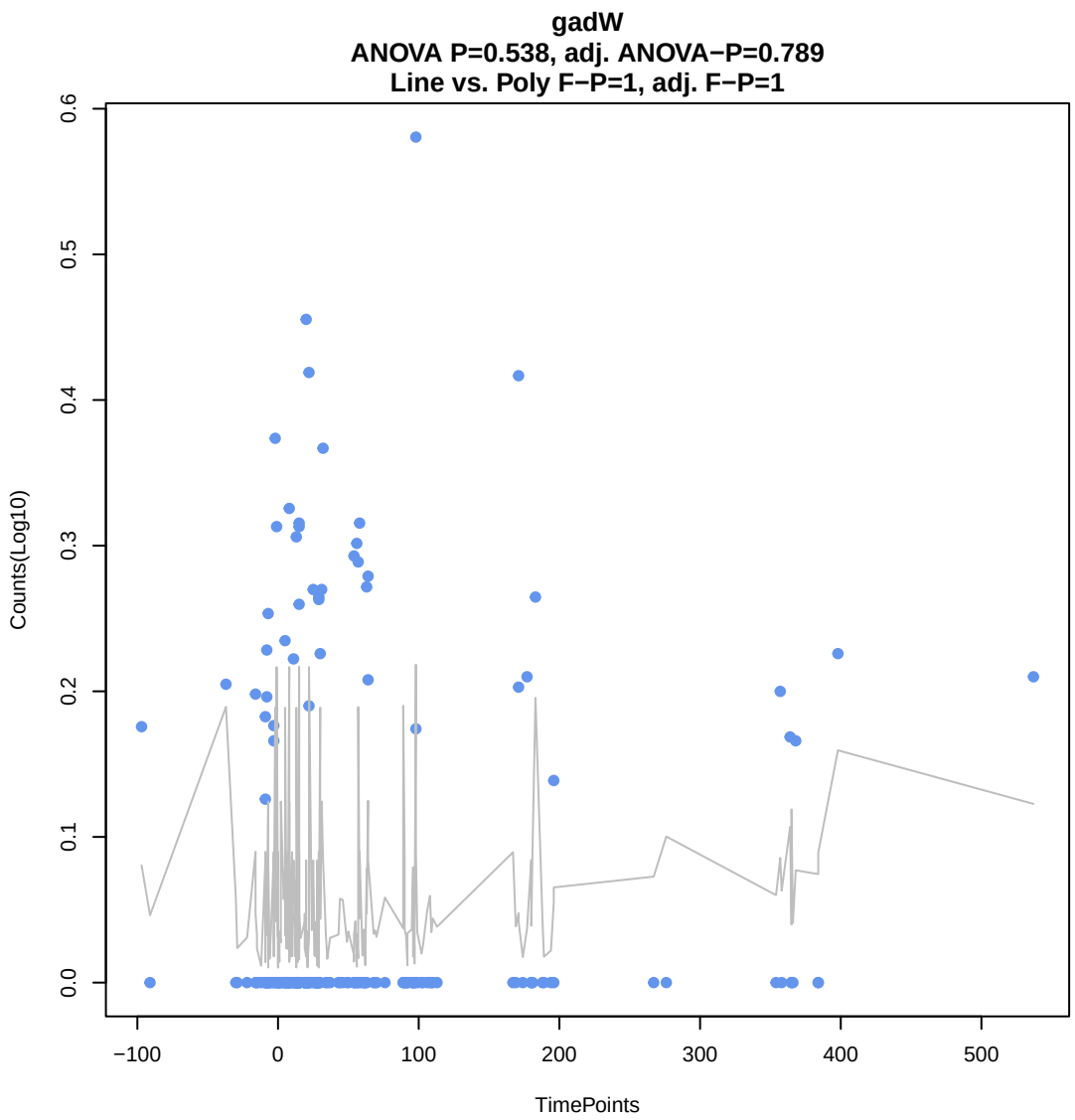

adeF
ANOVA P=0.512, adj. ANOVA−P=0.78
Line vs. Poly F−P=0.842, adj. F−P=1
Counts(Log10)
TimePoints

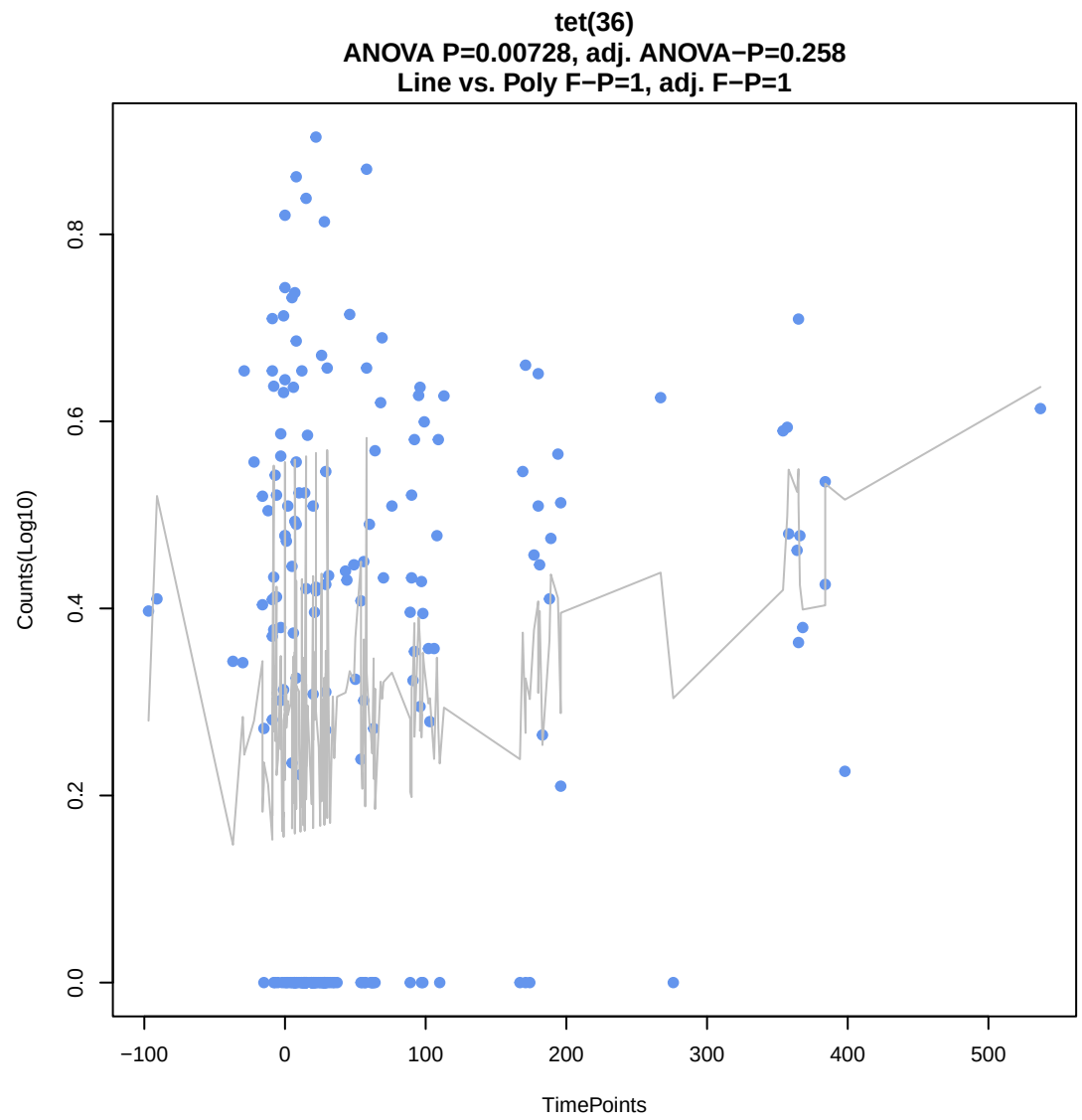

Bifidobacterium bifidum ileS conferring resistance to mupirocin
ANOVA P=0.835, adj. ANOVA−P=0.941
Line vs. Poly F−P=0.877, adj. F−P=1
Counts(Log10)
TimePoints

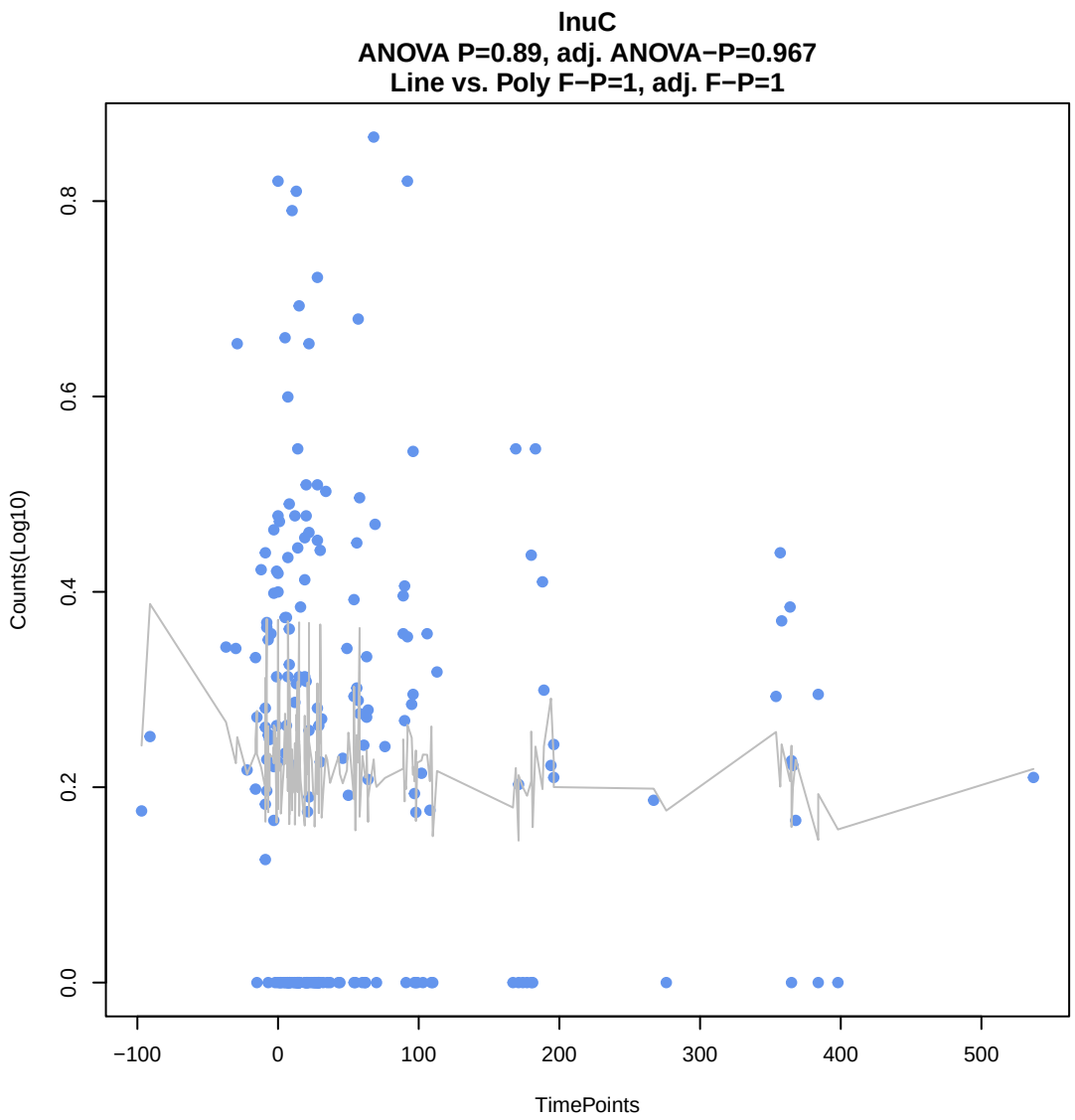

scherichia coli AcrAB−TolC with MarR mutations conferring resistance to ciprofloxacin and
ANOVA P=0.056, adj. ANOVA−P=0.526
Line vs. Poly F−P=1, adj. F−P=1
Counts(Log10)
TimePoints

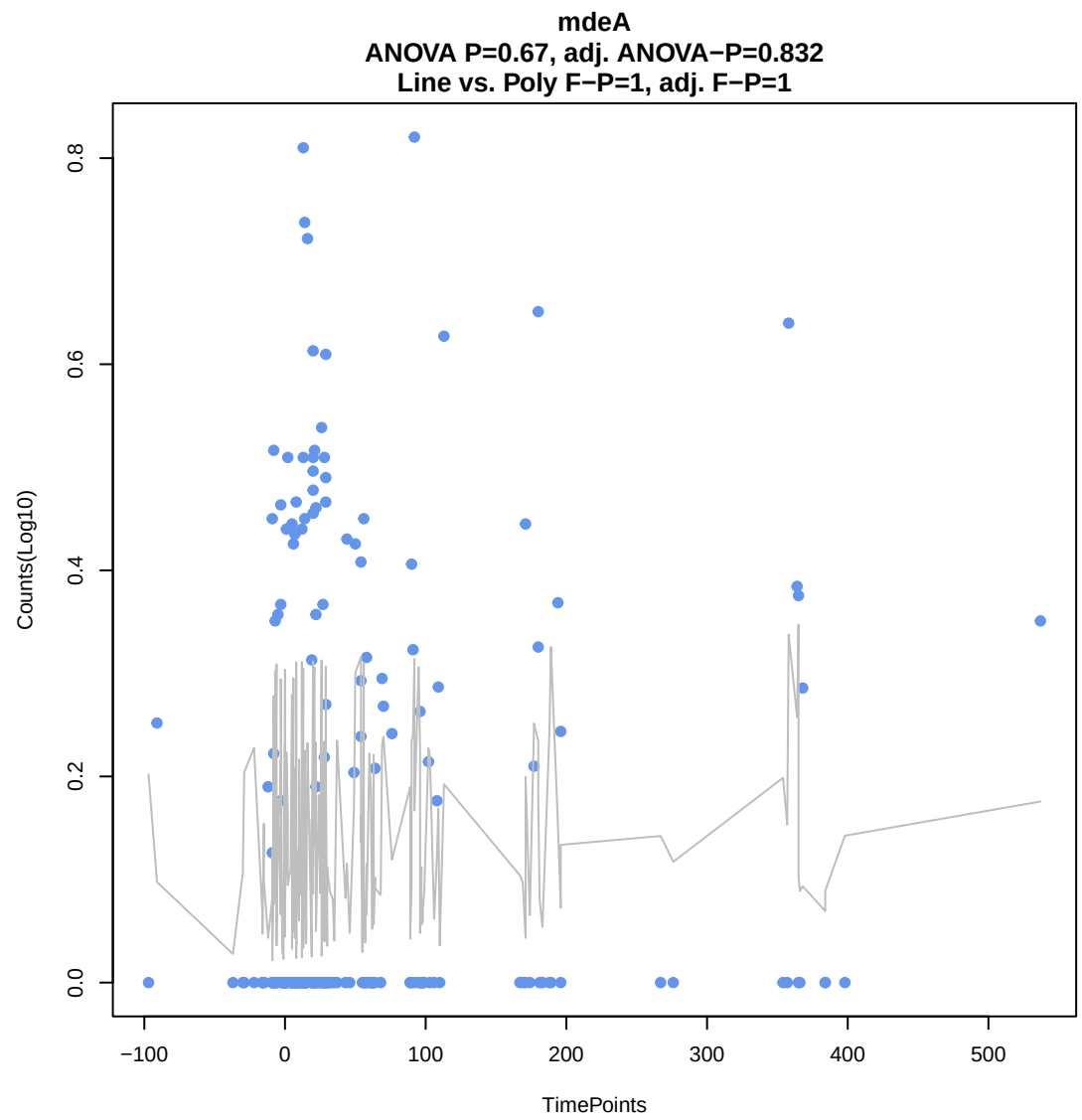

tet(44)
ANOVA P=0.512, adj. ANOVA−P=0.78
Line vs. Poly F−P=1, adj. F−P=1
Counts(Log10)
TimePoints

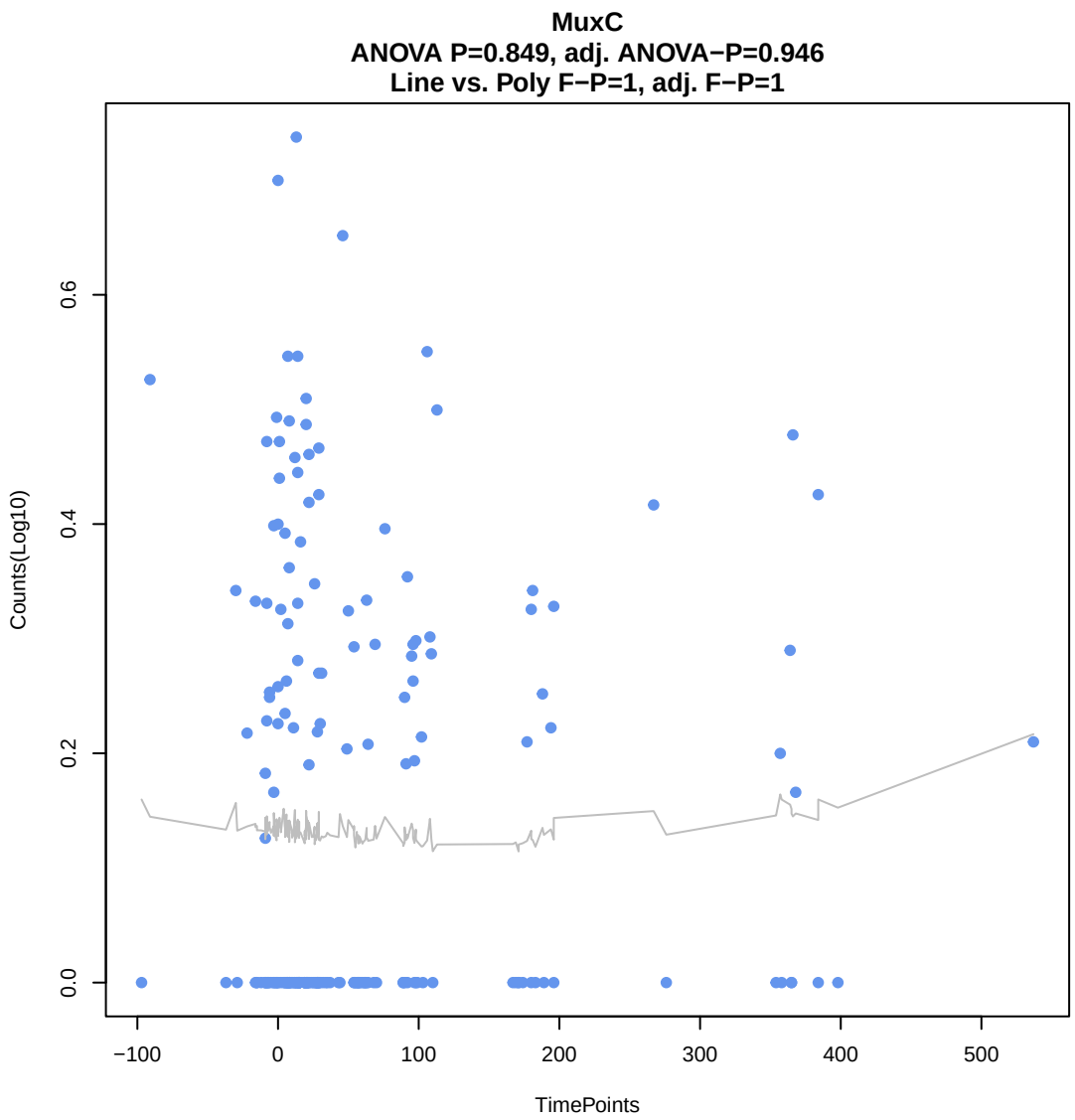

tet(T)
ANOVA P=0.0213, adj. ANOVA−P=0.435
Line vs. Poly F−P=1, adj. F−P=1
Counts(Log10)
TimePoints

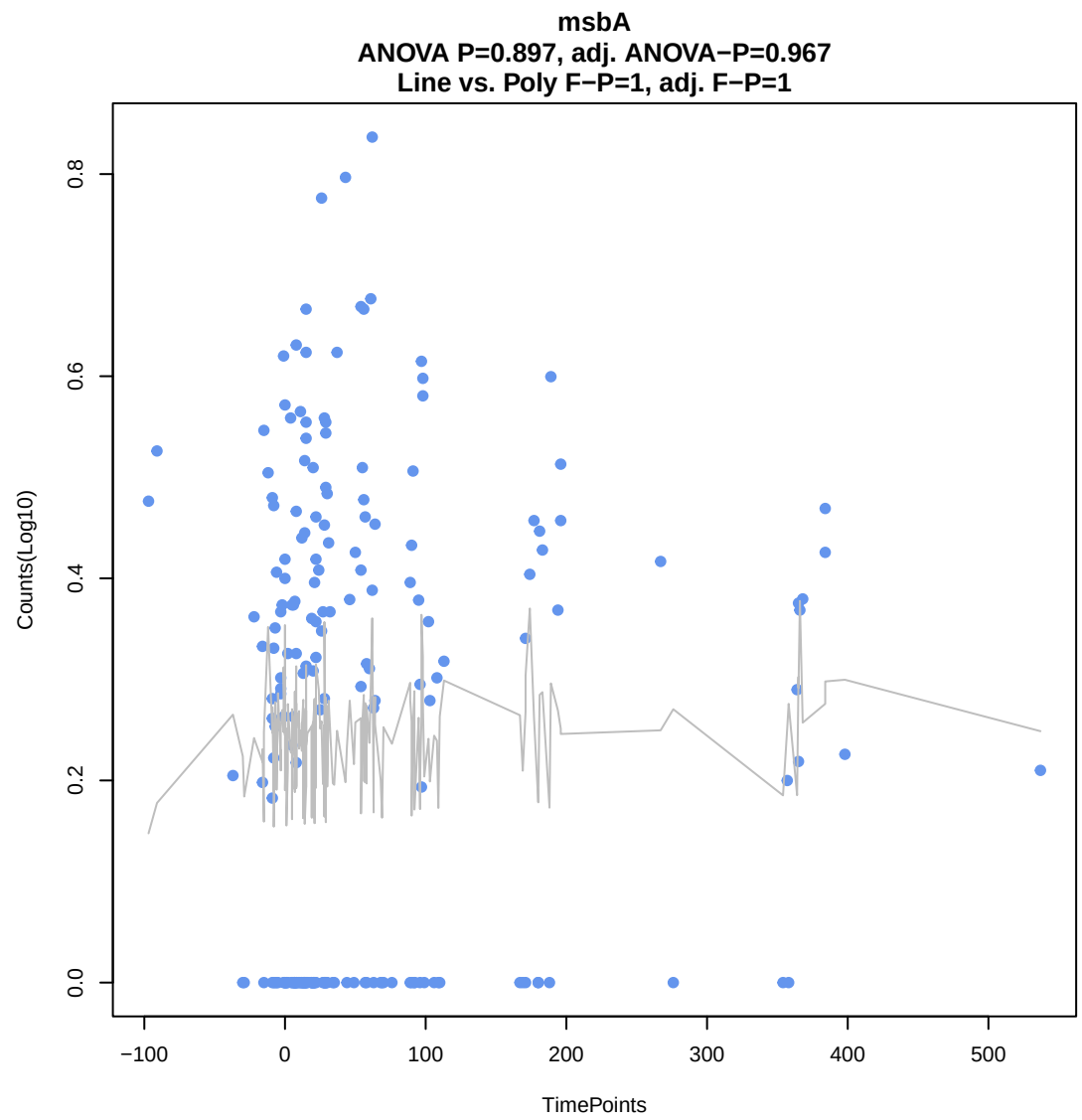

gadW
ANOVA P=0.538, adj. ANOVA−P=0.789
Line vs. Poly F−P=1, adj. F−P=1
Counts(Log10)
TimePoints

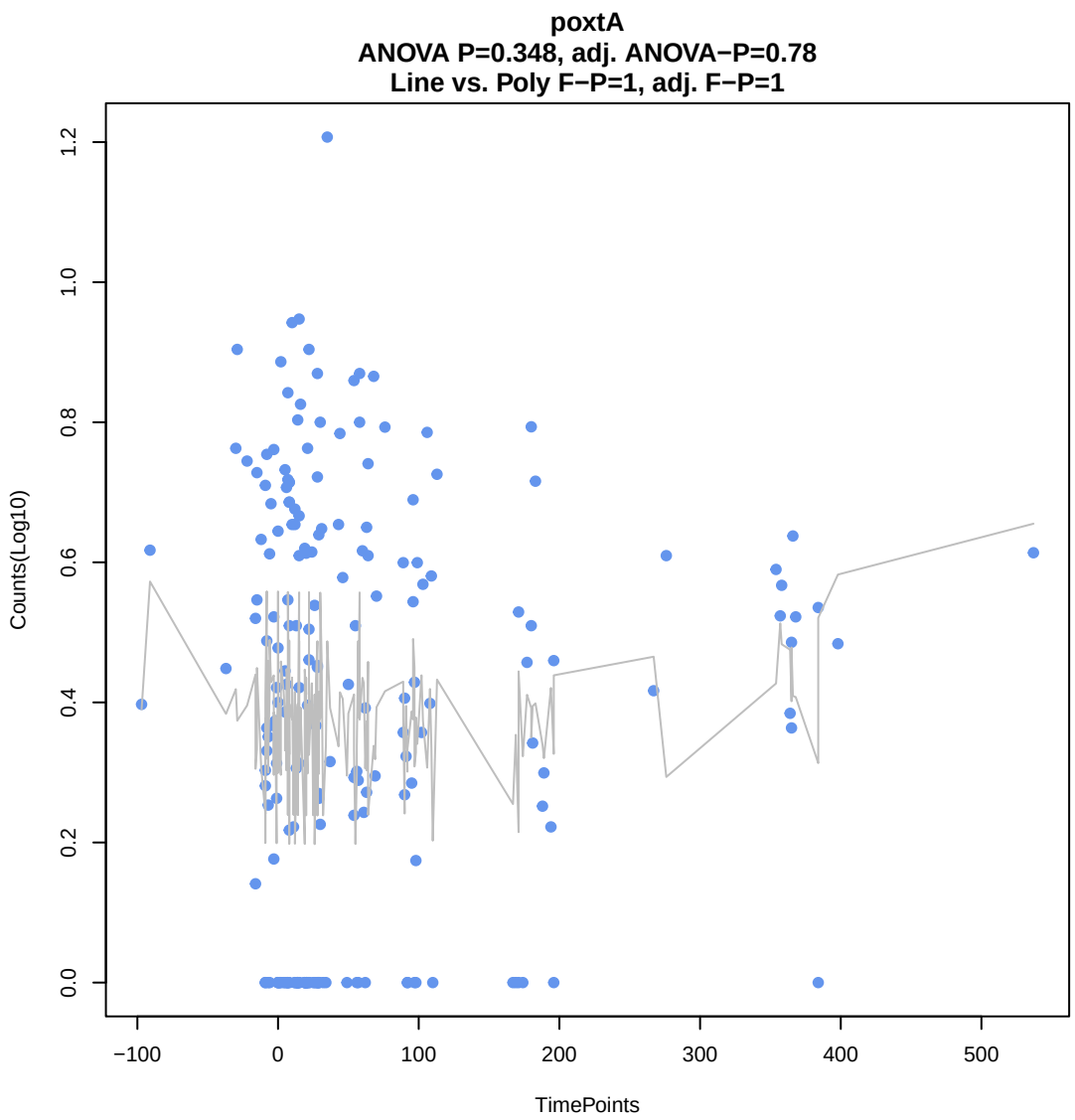

tet(36)
ANOVA P=0.00728, adj. ANOVA−P=0.258
Line vs. Poly F−P=1, adj. F−P=1
Counts(Log10)
TimePoints

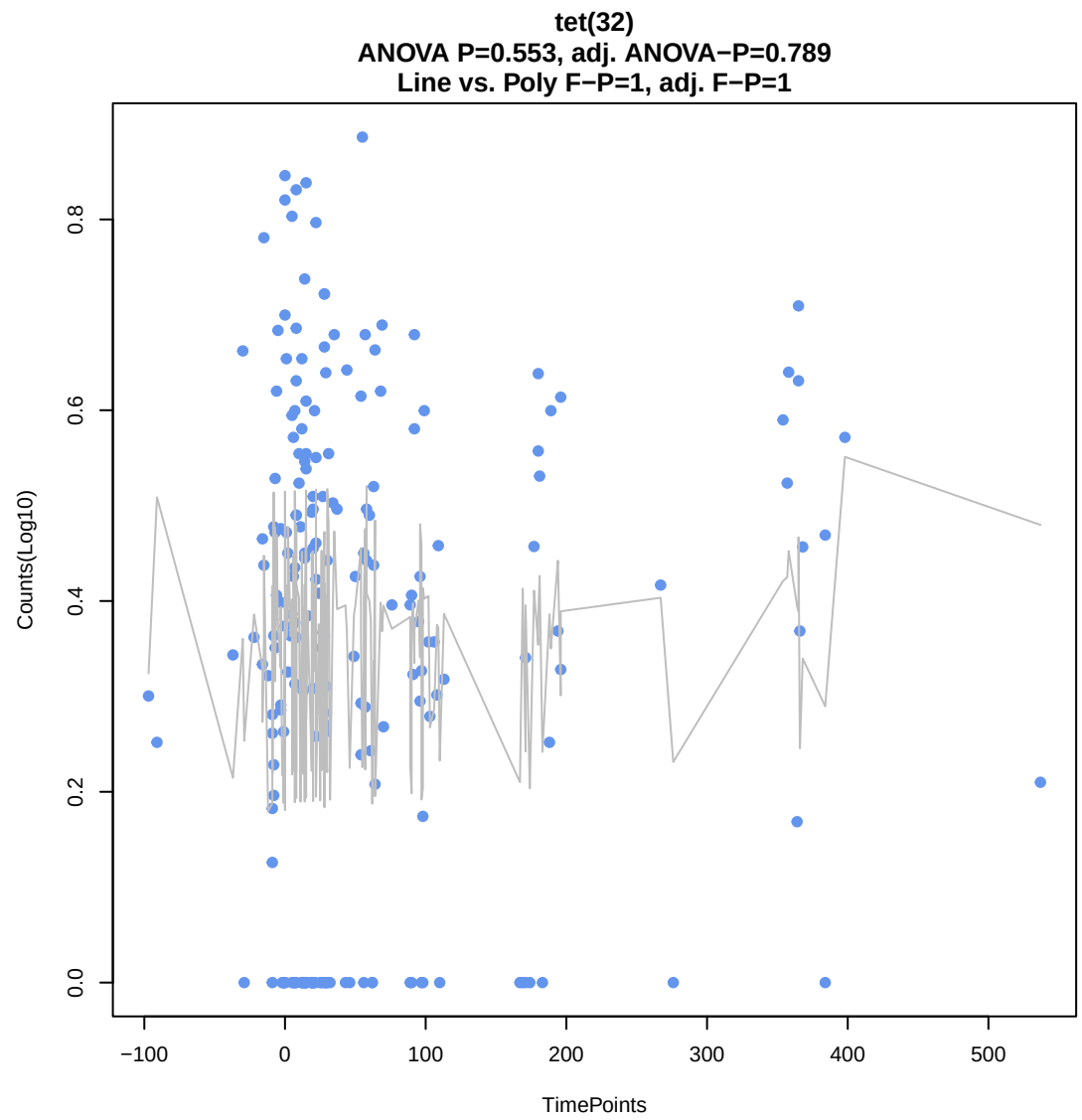

lnuC
ANOVA P=0.89, adj. ANOVA−P=0.967
Line vs. Poly F−P=1, adj. F−P=1
Counts(Log10)
TimePoints

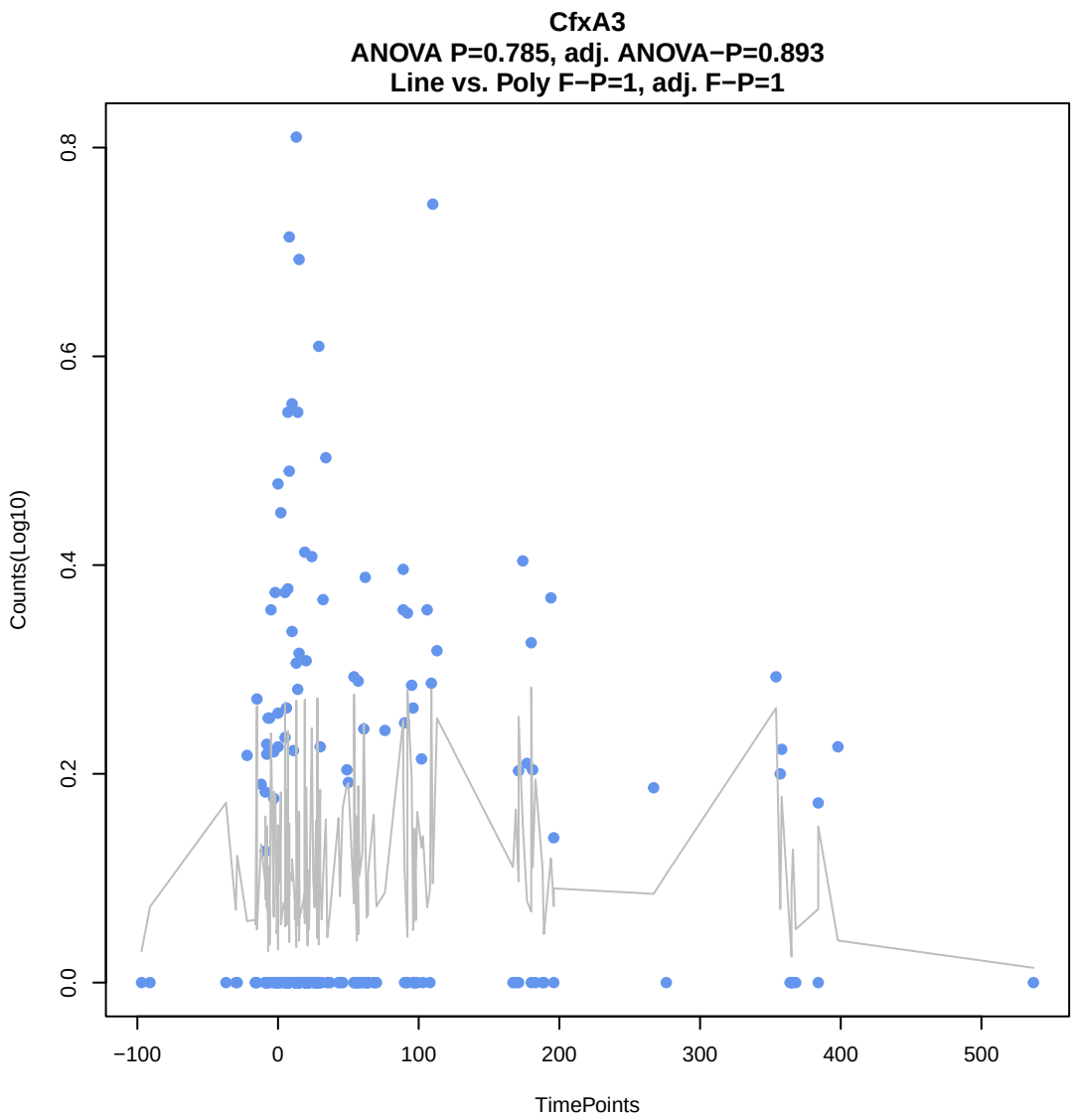

mdeA
ANOVA P=0.67, adj. ANOVA−P=0.832
Line vs. Poly F−P=1, adj. F−P=1
Counts(Log10)
TimePoints

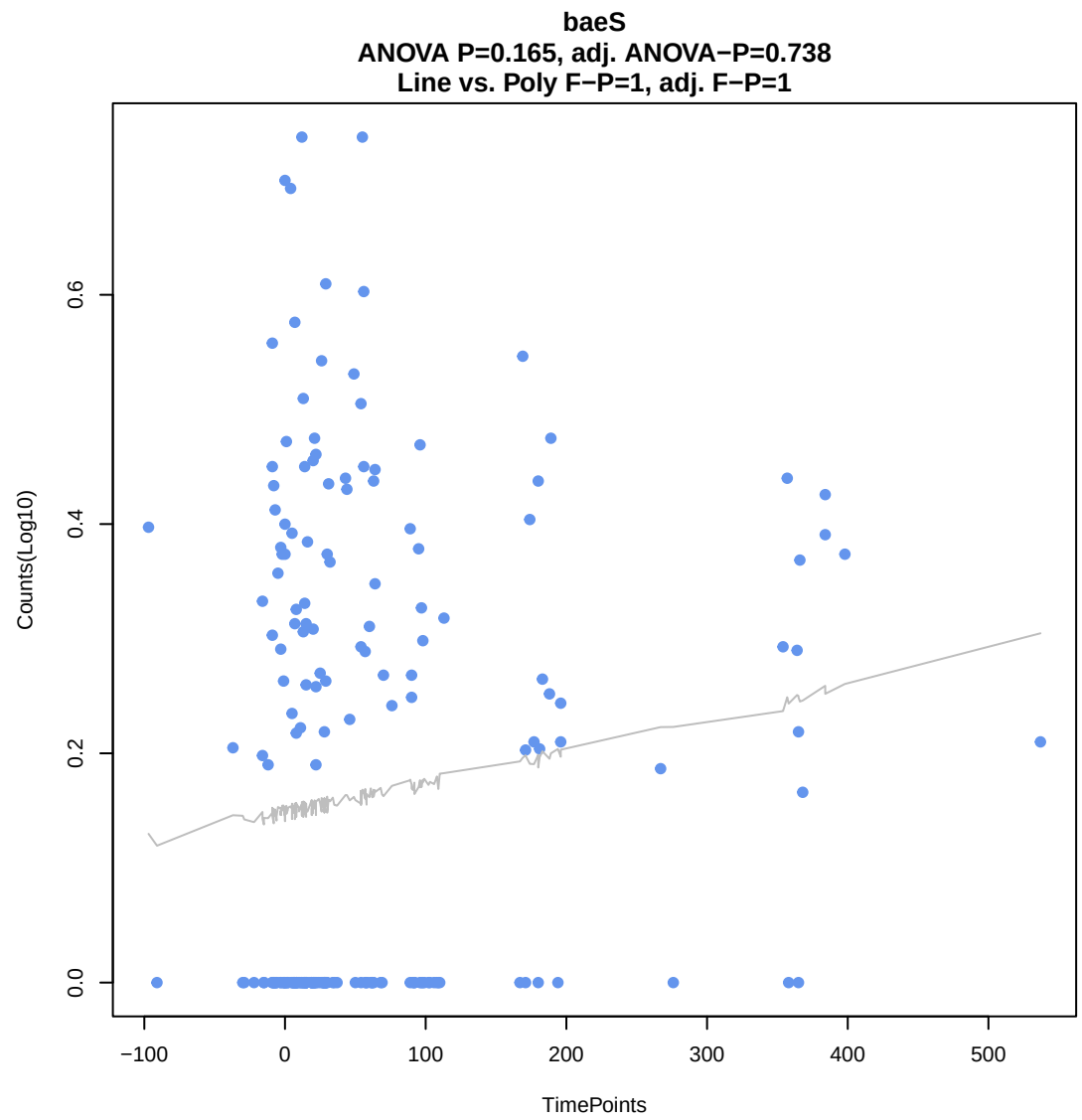

MuxC
ANOVA P=0.849, adj. ANOVA−P=0.946
Line vs. Poly F−P=1, adj. F−P=1
Counts(Log10)
TimePoints

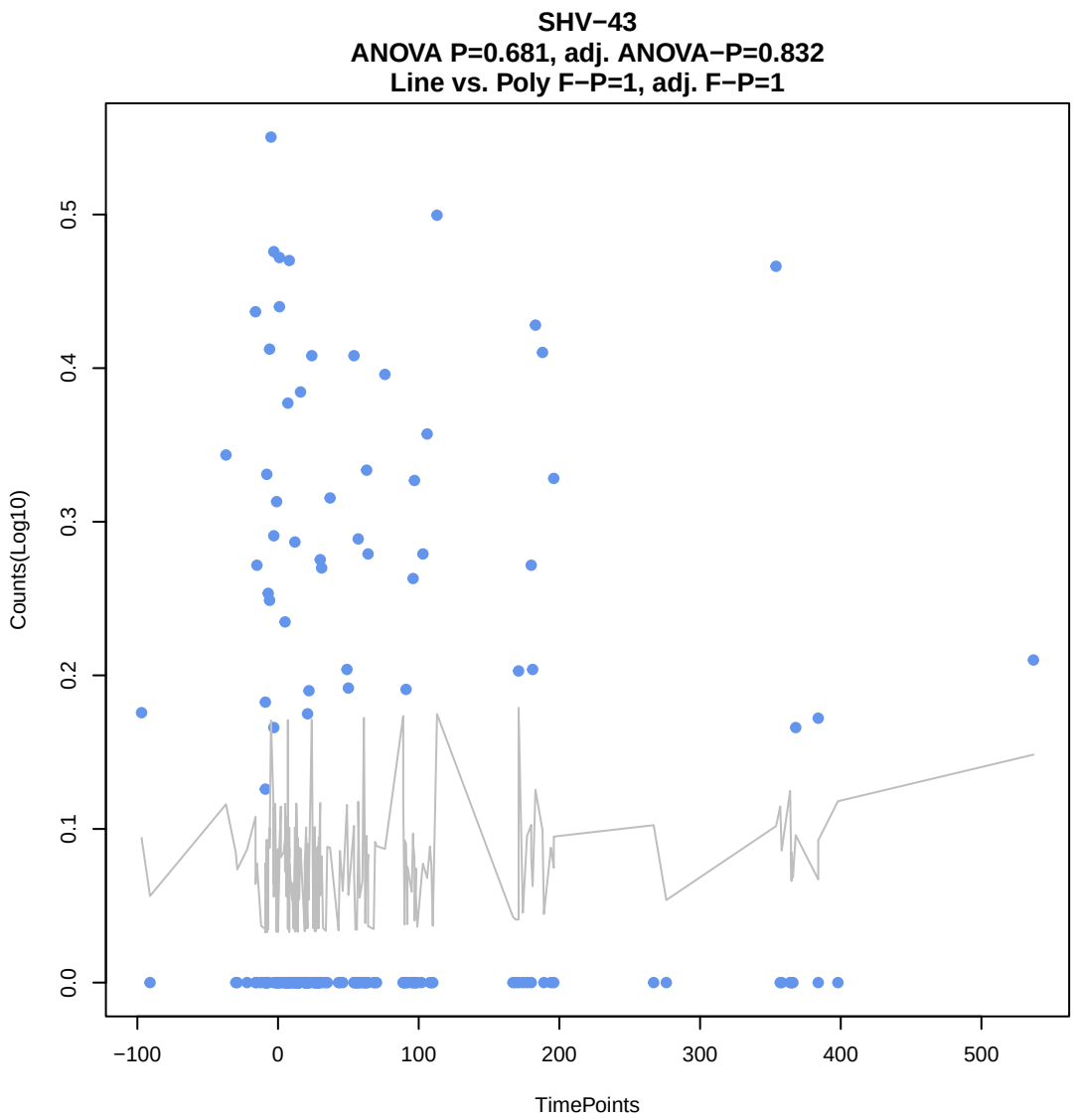

msbA
ANOVA P=0.897, adj. ANOVA−P=0.967
Line vs. Poly F−P=1, adj. F−P=1
Counts(Log10)
TimePoints

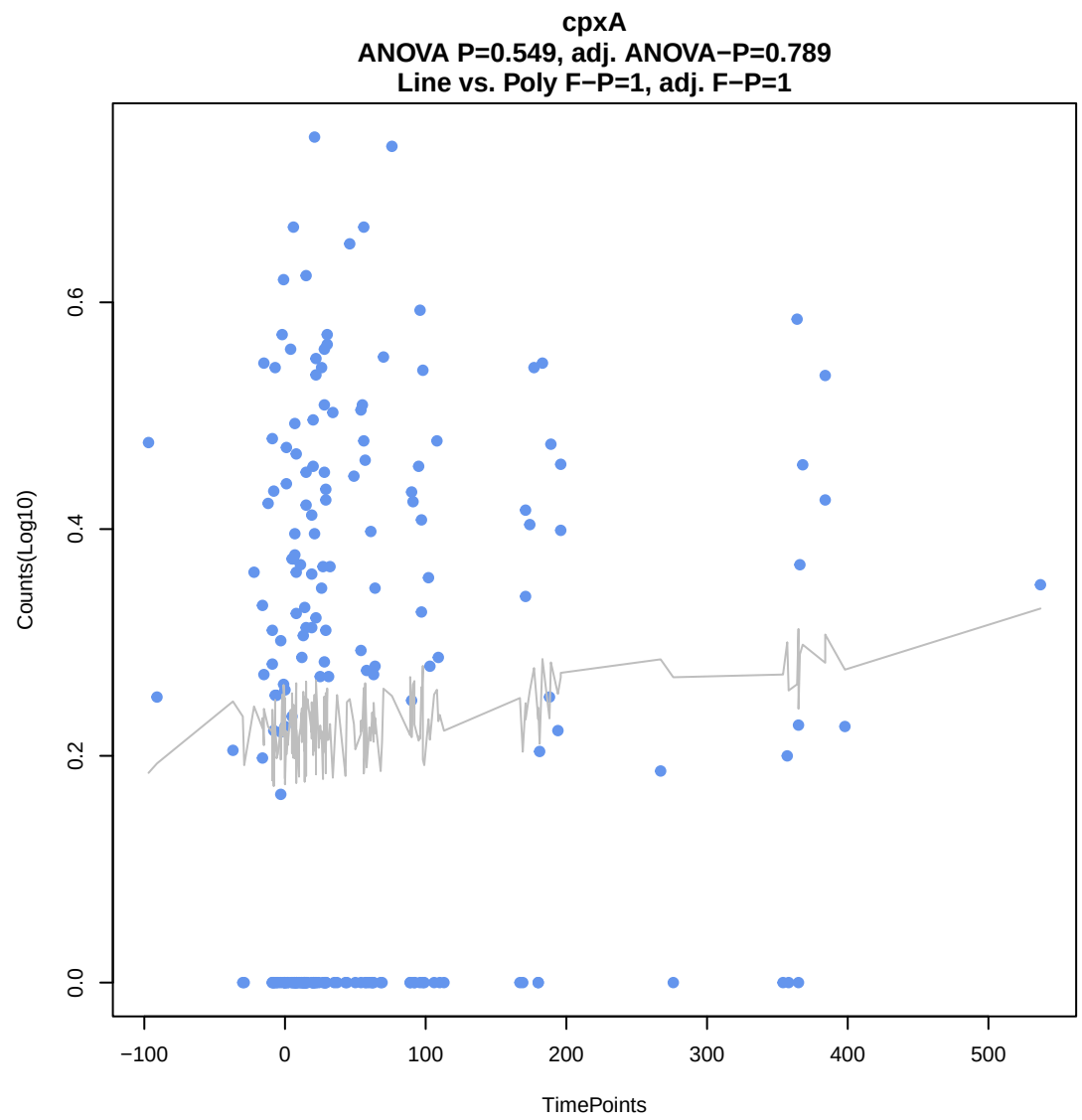

poxtA
ANOVA P=0.348, adj. ANOVA−P=0.78
Line vs. Poly F−P=1, adj. F−P=1
Counts(Log10)
TimePoints

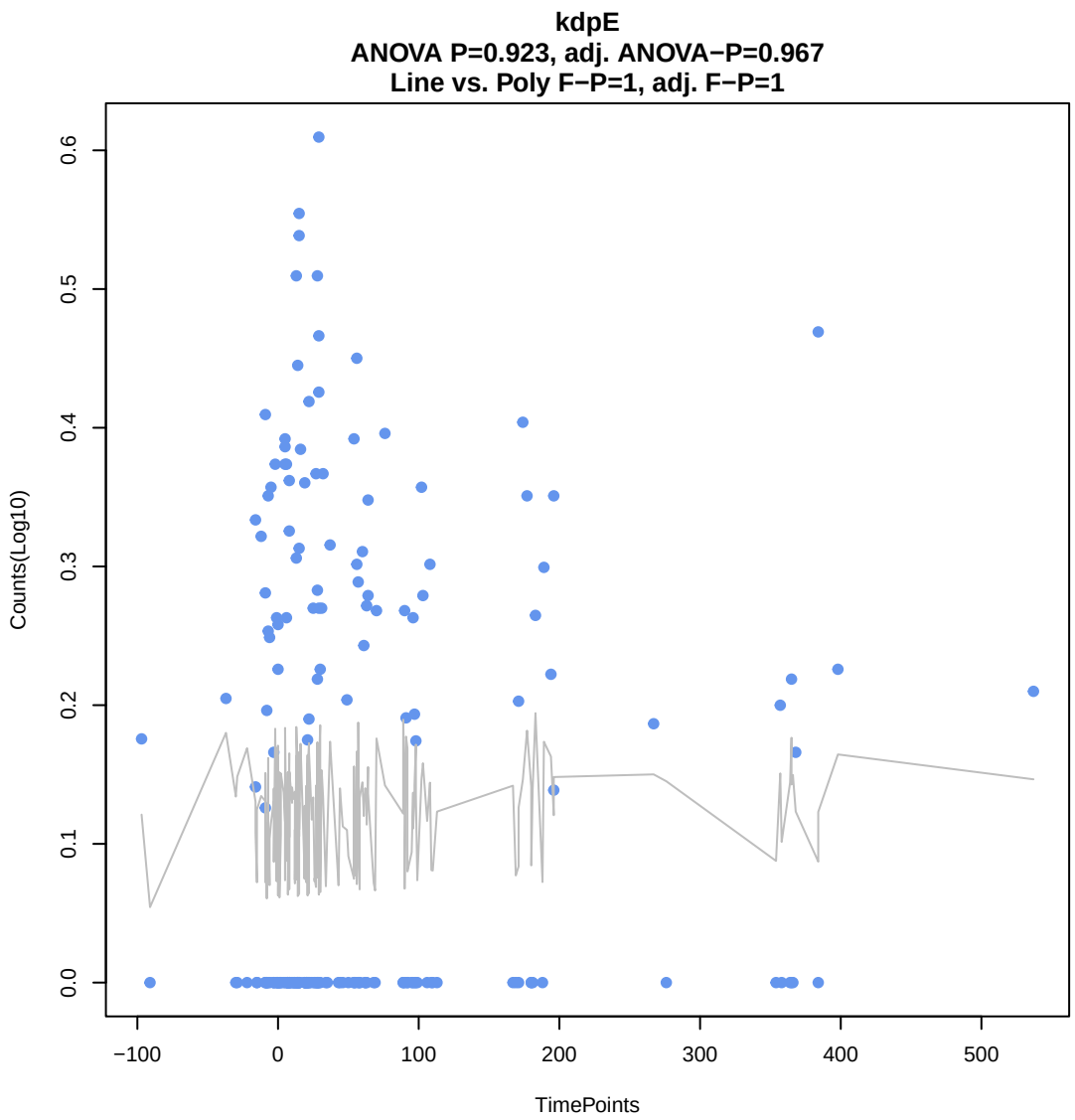

tet(32)
ANOVA P=0.553, adj. ANOVA−P=0.789
Line vs. Poly F−P=1, adj. F−P=1
Counts(Log10)
TimePoints

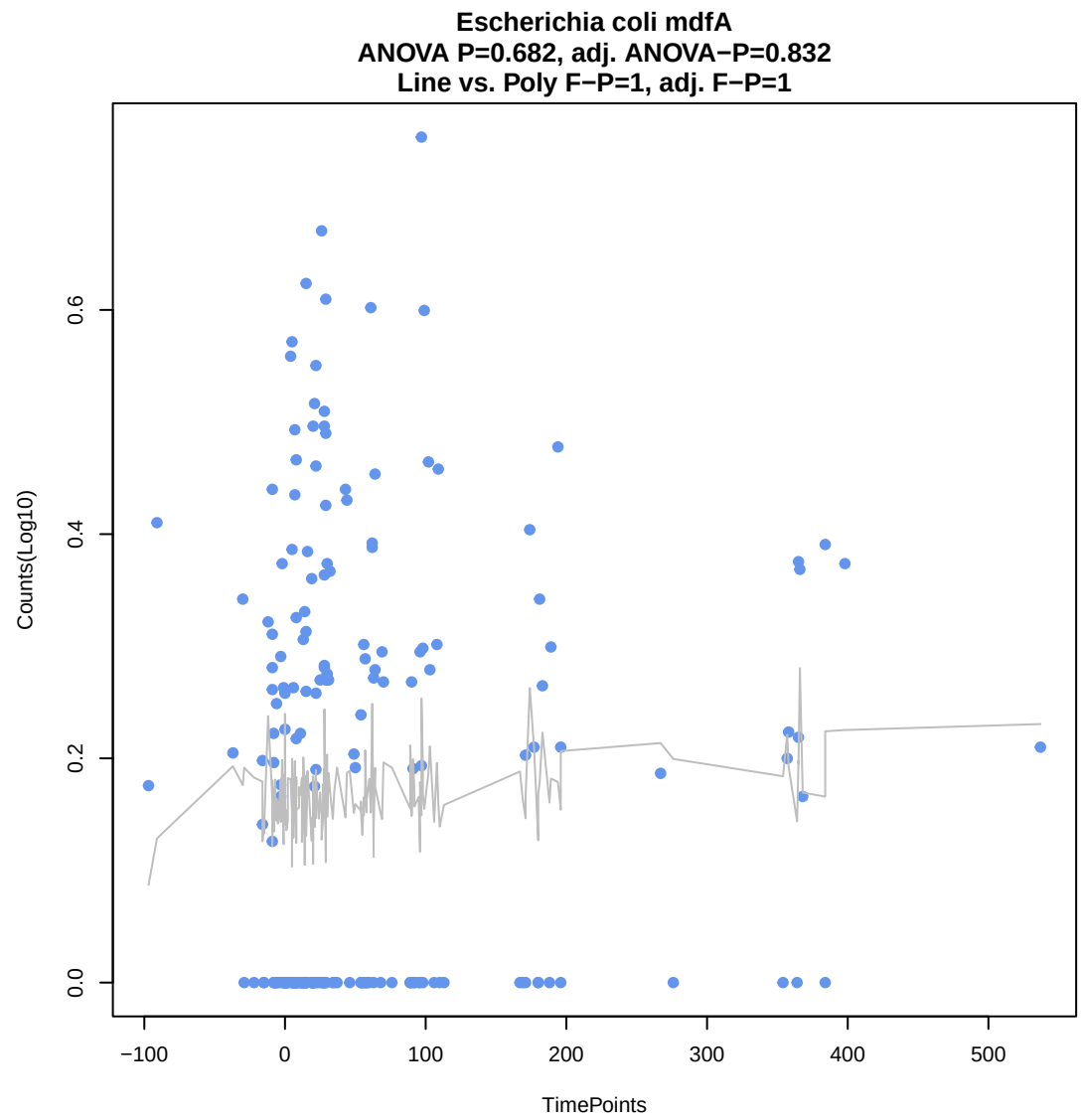

CfxA3
ANOVA P=0.785, adj. ANOVA−P=0.893
Line vs. Poly F−P=1, adj. F−P=1
Counts(Log10)
TimePoints

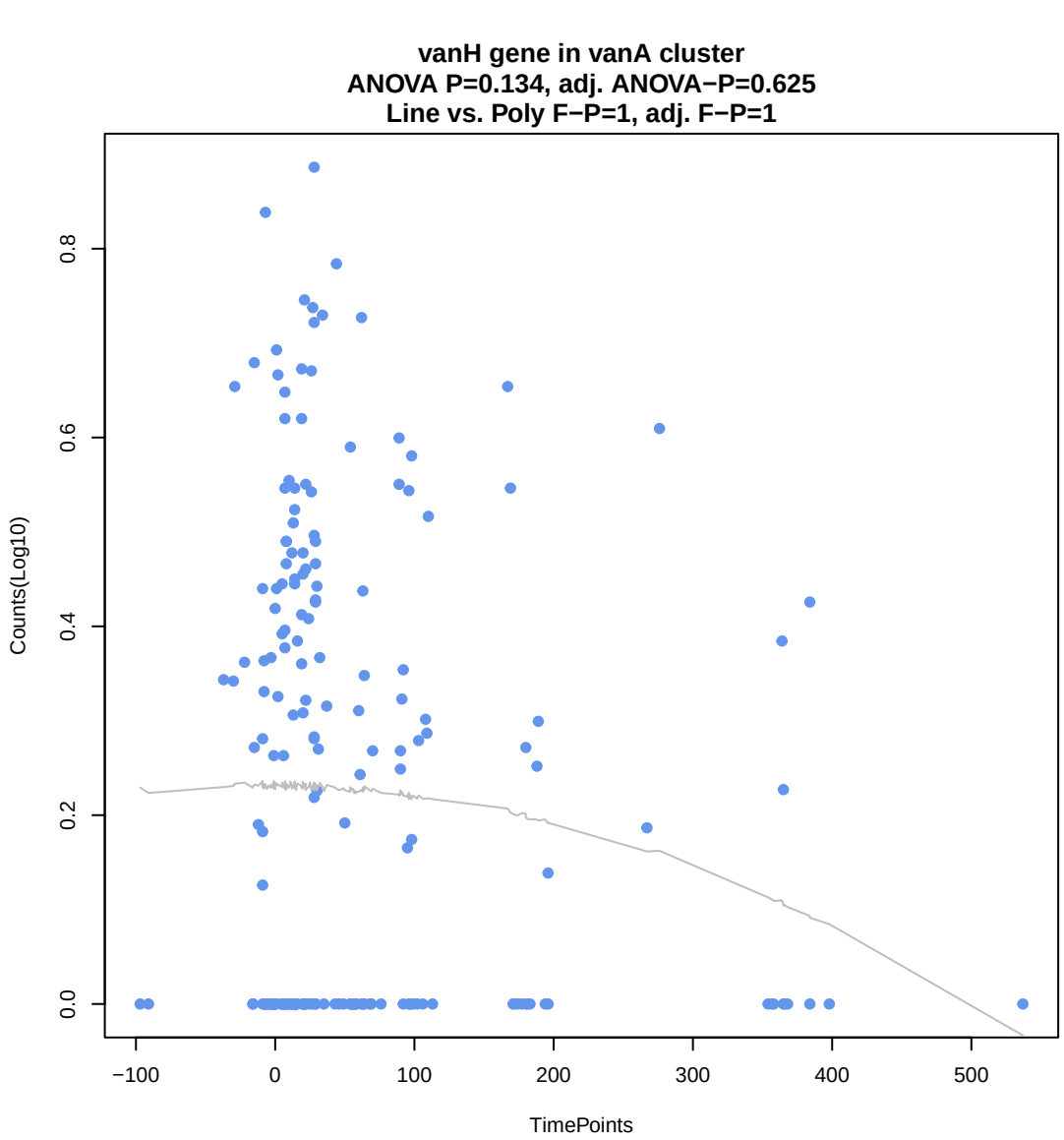

baeS
ANOVA P=0.165, adj. ANOVA−P=0.738
Line vs. Poly F−P=1, adj. F−P=1
Counts(Log10)
TimePoints

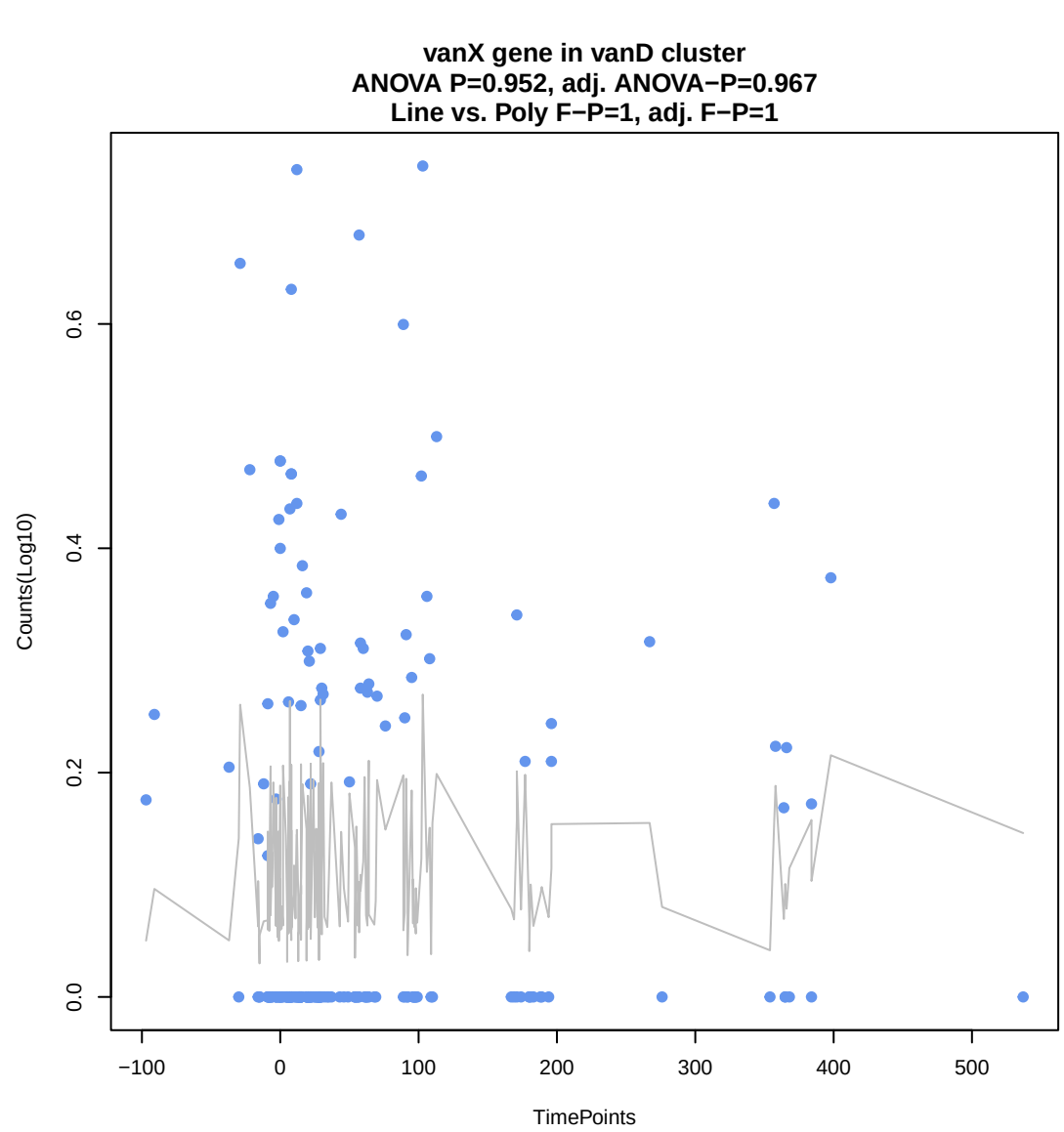

SHV−43
ANOVA P=0.681, adj. ANOVA−P=0.832
Line vs. Poly F−P=1, adj. F−P=1
Counts(Log10)
TimePoints

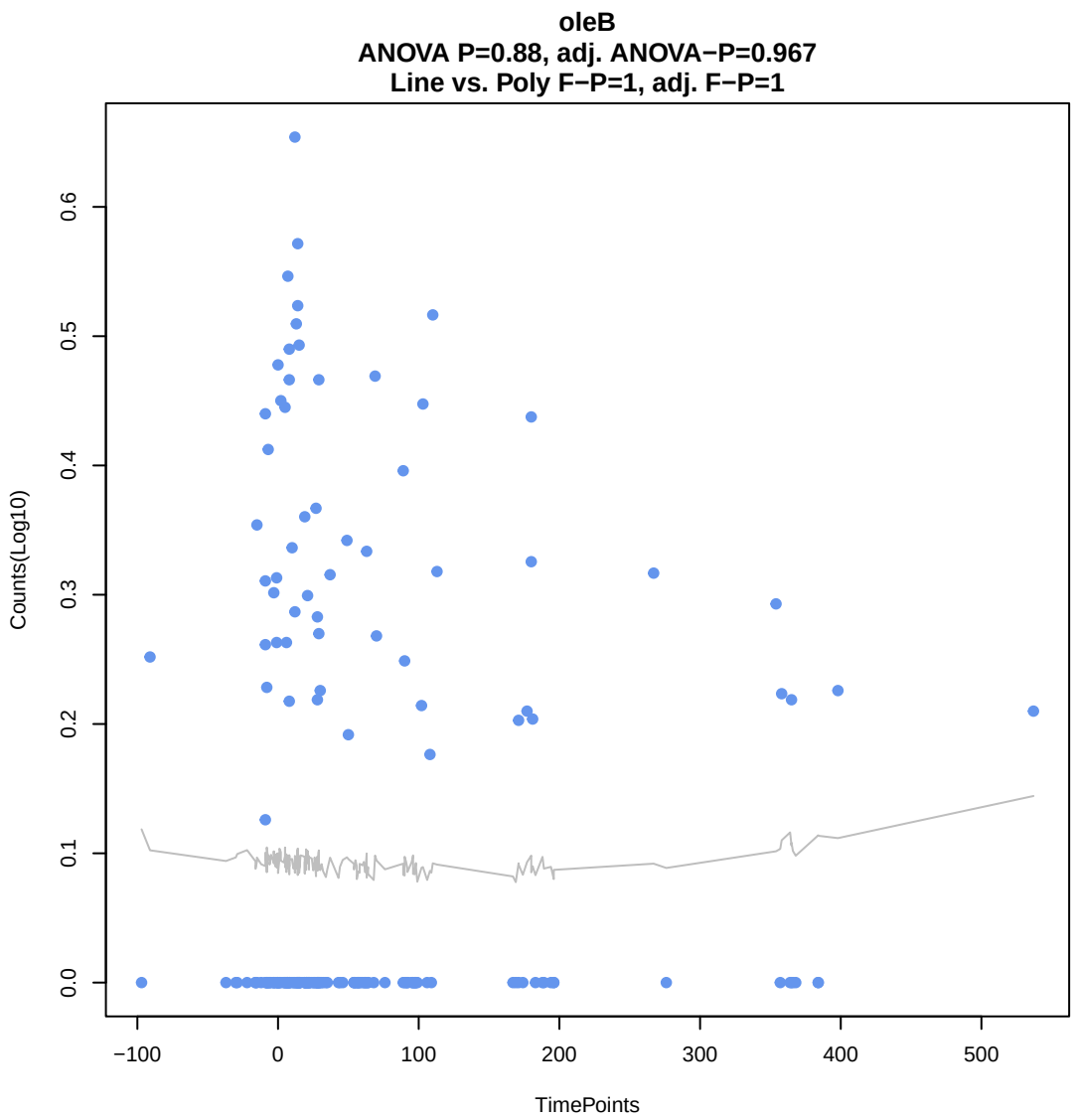

cpxA
ANOVA P=0.549, adj. ANOVA−P=0.789
Line vs. Poly F−P=1, adj. F−P=1
Counts(Log10)
TimePoints

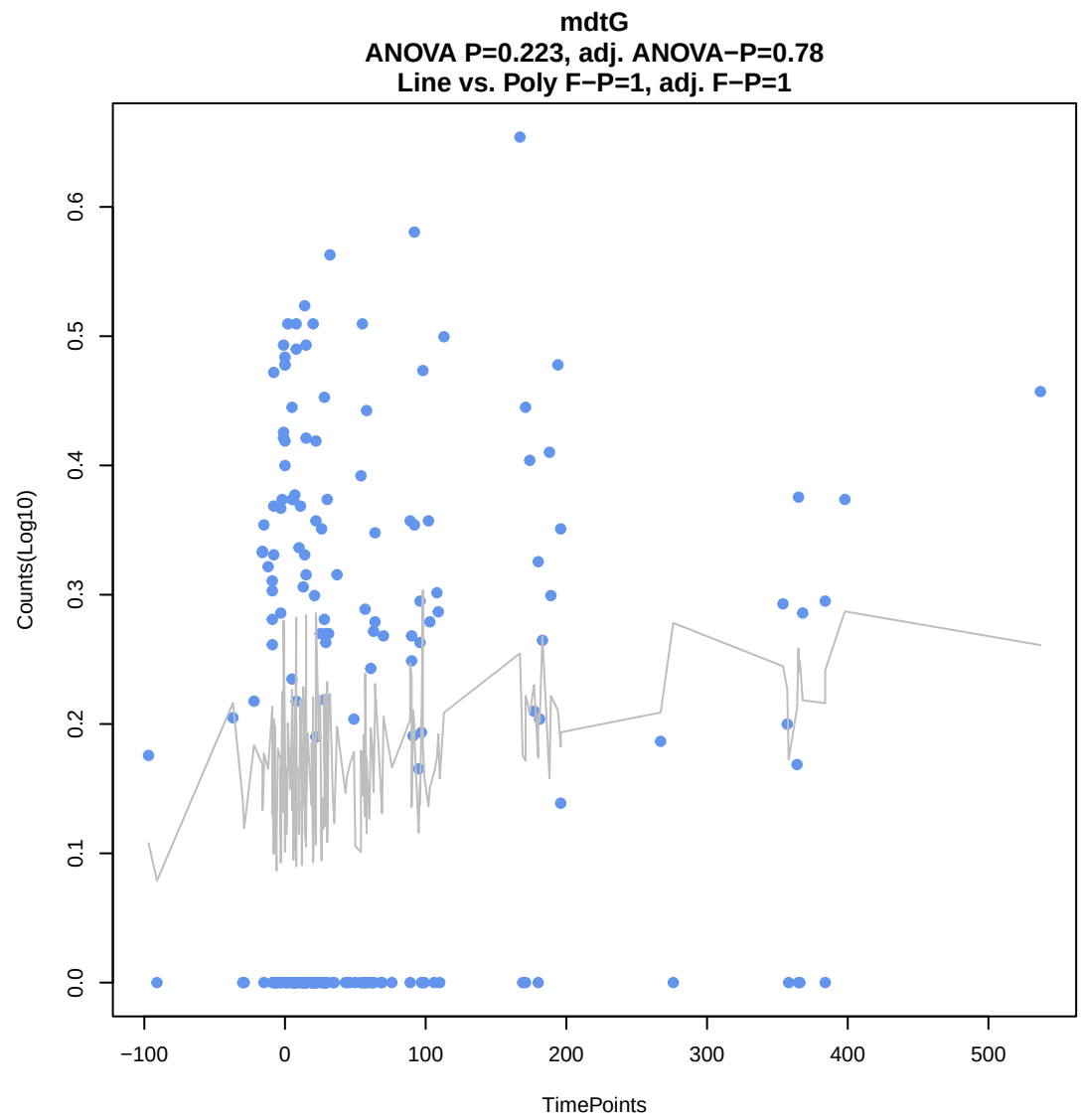

kdpE
ANOVA P=0.923, adj. ANOVA−P=0.967
Line vs. Poly F−P=1, adj. F−P=1
Counts(Log10)
TimePoints

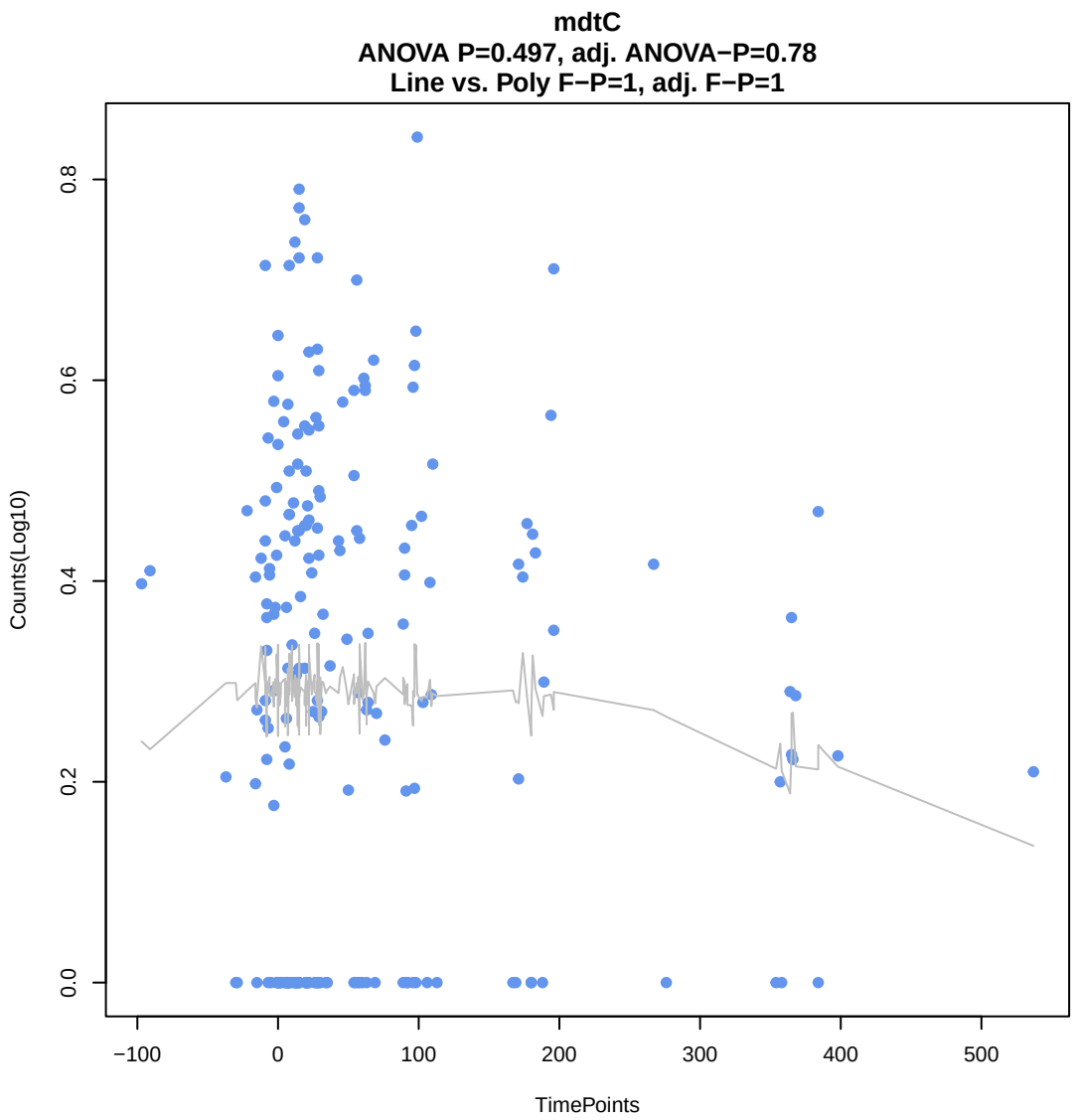

Escherichia coli mdfA
ANOVA P=0.682, adj. ANOVA−P=0.832
Line vs. Poly F−P=1, adj. F−P=1
Counts(Log10)
TimePoints

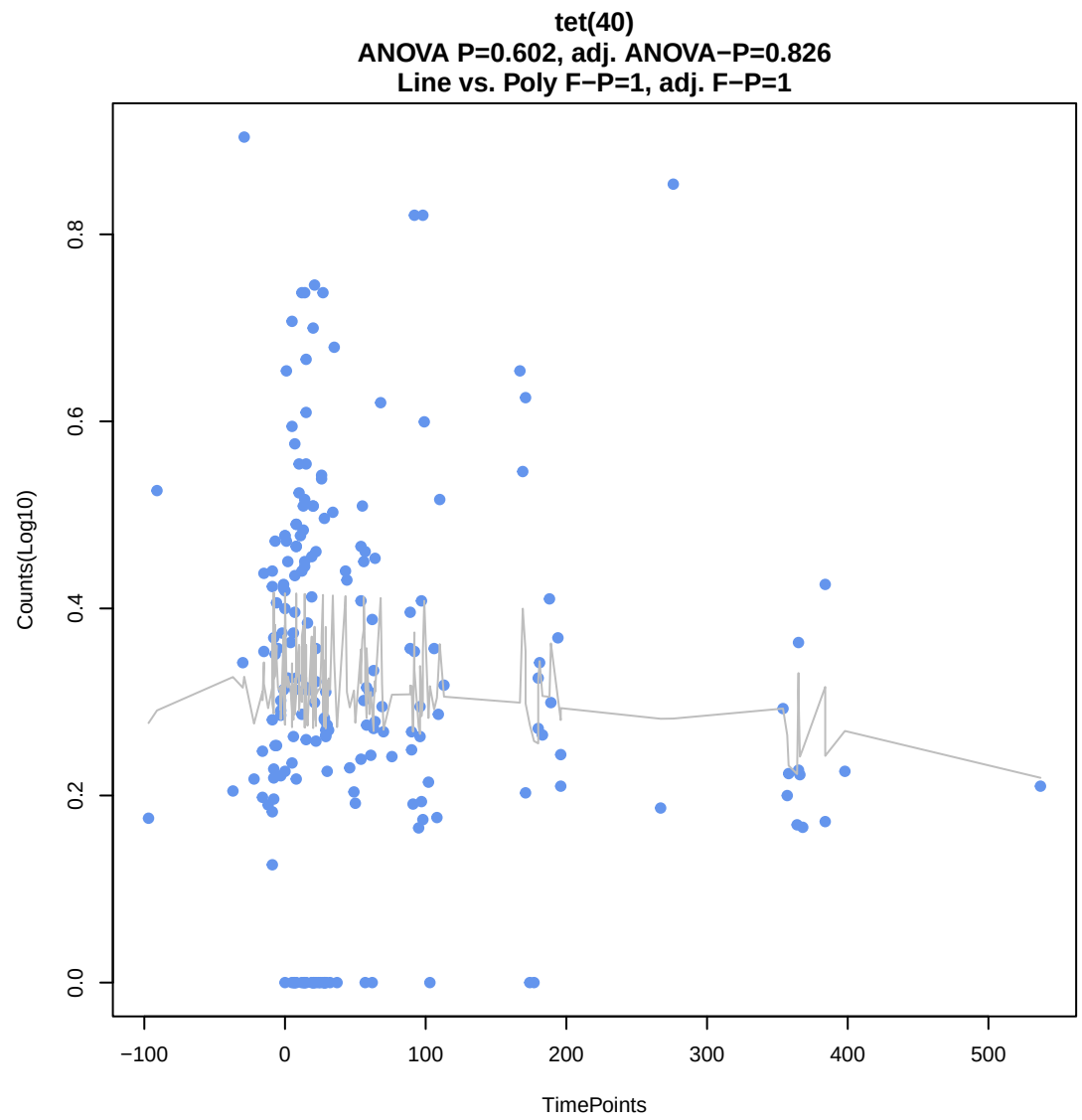

vanH gene in vanA cluster
ANOVA P=0.134, adj. ANOVA−P=0.625
Line vs. Poly F−P=1, adj. F−P=1
Counts(Log10)
TimePoints

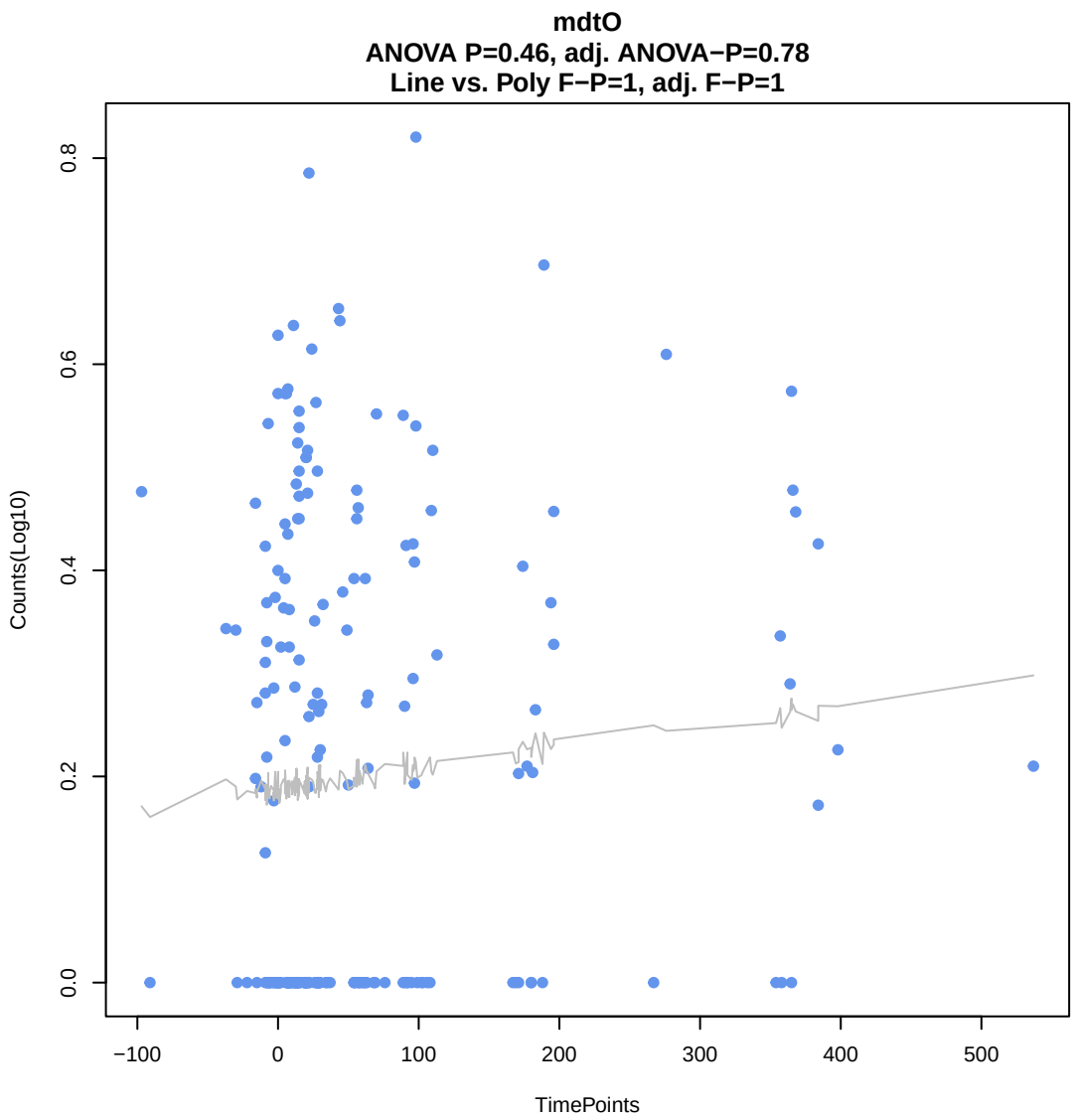

vanX gene in vanD cluster
ANOVA P=0.952, adj. ANOVA−P=0.967
Line vs. Poly F−P=1, adj. F−P=1
Counts(Log10)
TimePoints

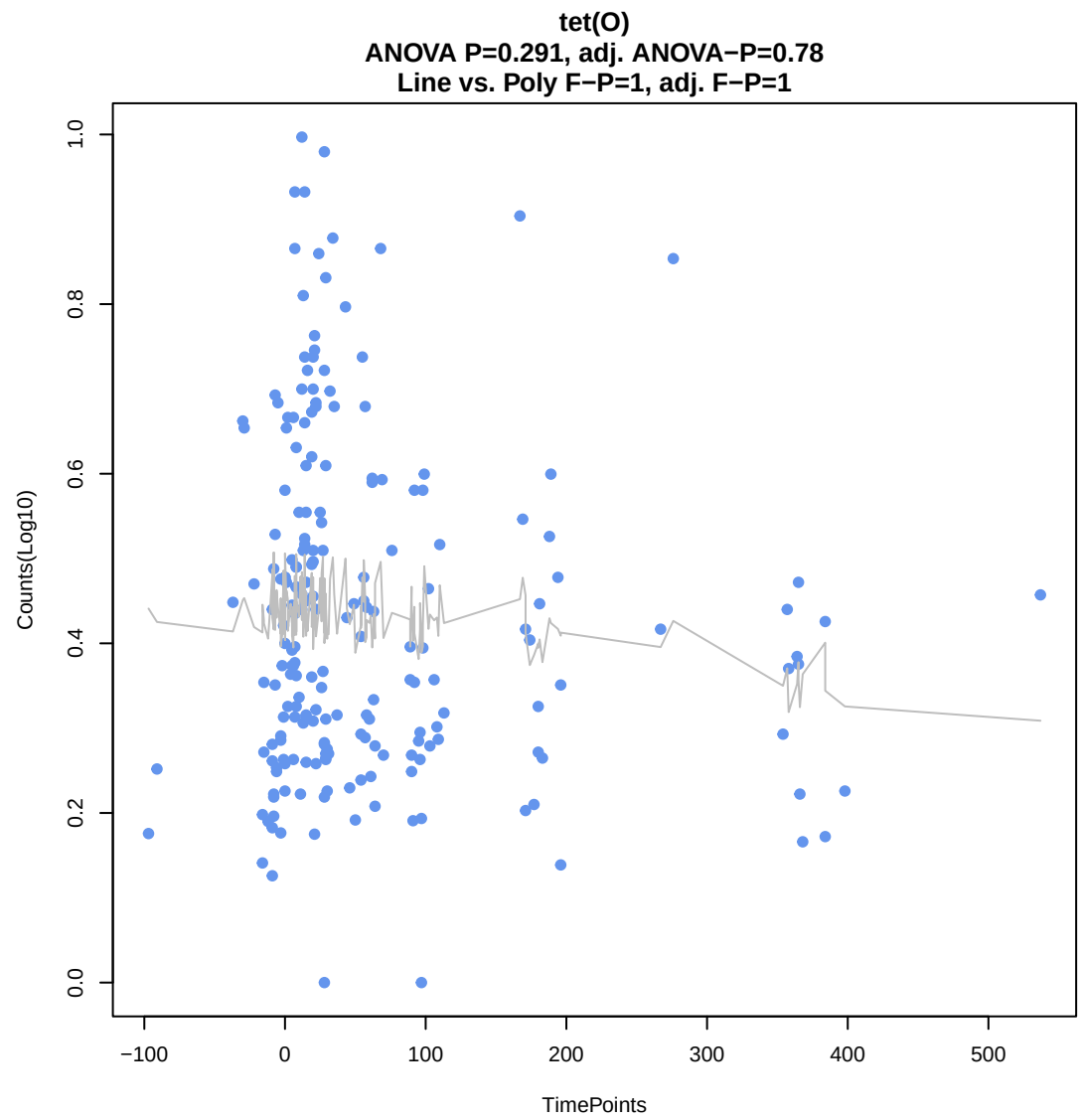

oleB
ANOVA P=0.88, adj. ANOVA−P=0.967
Line vs. Poly F−P=1, adj. F−P=1
Counts(Log10)
TimePoints

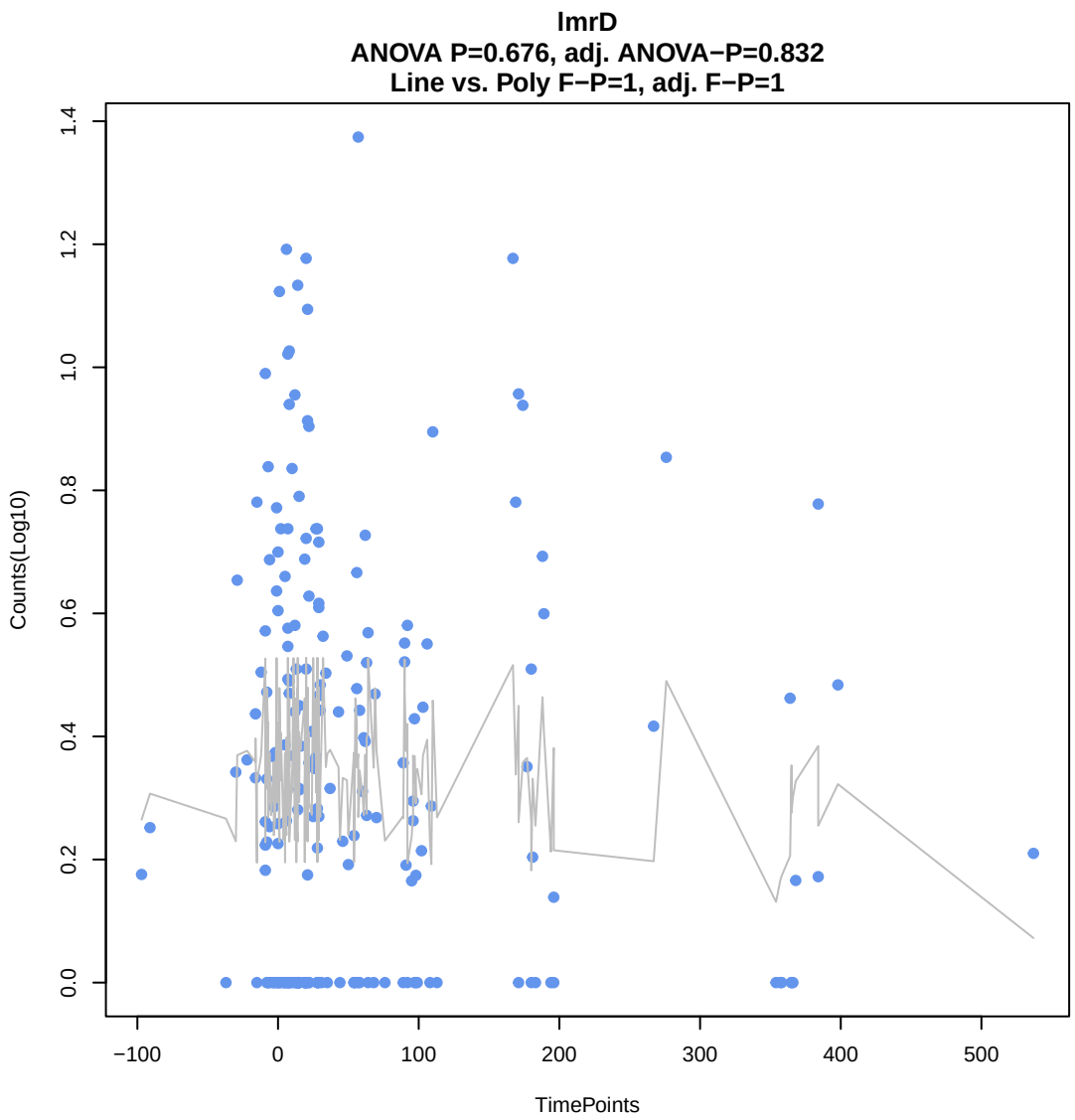

mdtG
ANOVA P=0.223, adj. ANOVA−P=0.78
Line vs. Poly F−P=1, adj. F−P=1
Counts(Log10)
TimePoints

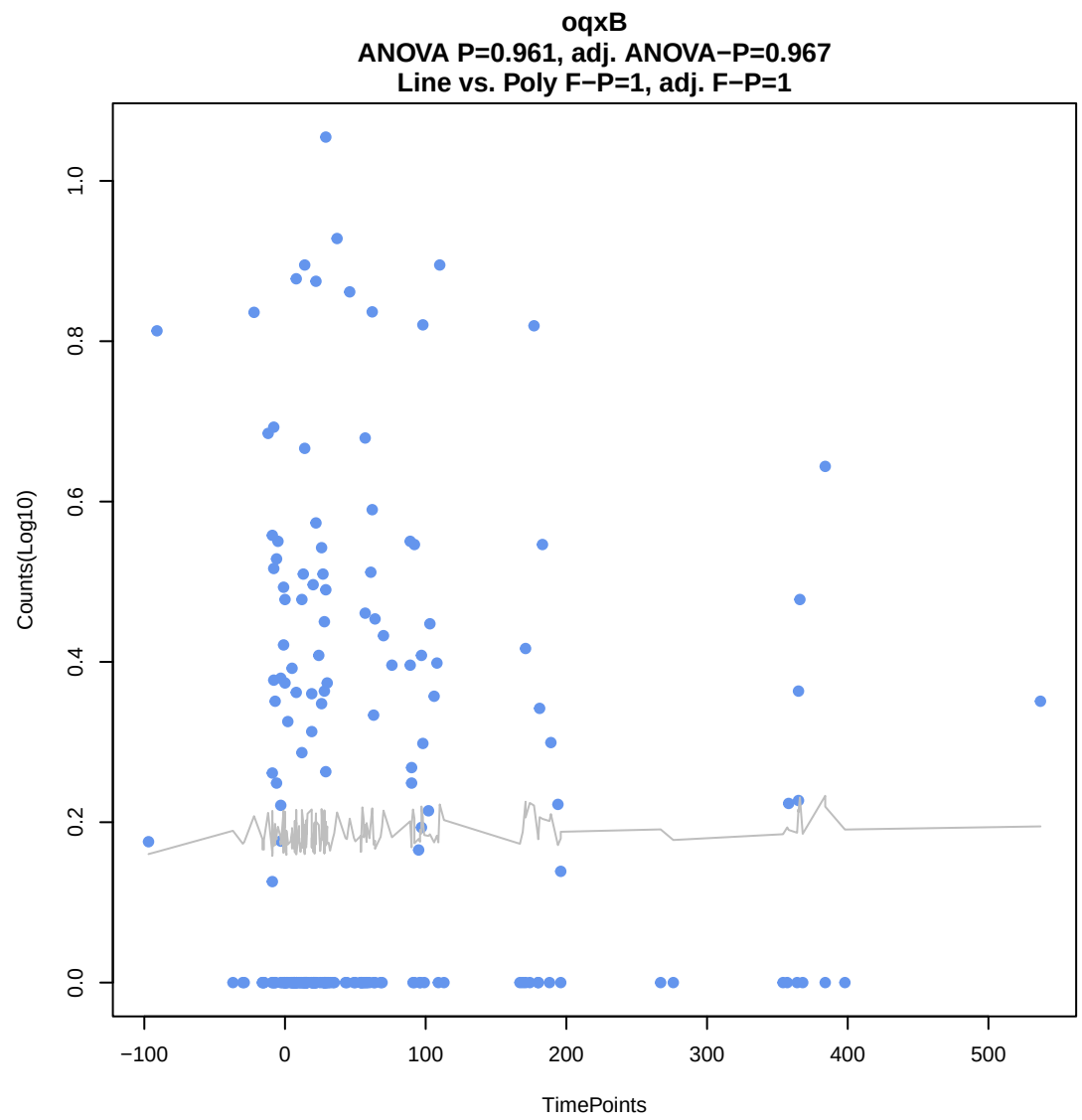

mdtC
ANOVA P=0.497, adj. ANOVA−P=0.78
Line vs. Poly F−P=1, adj. F−P=1
Counts(Log10)
TimePoints

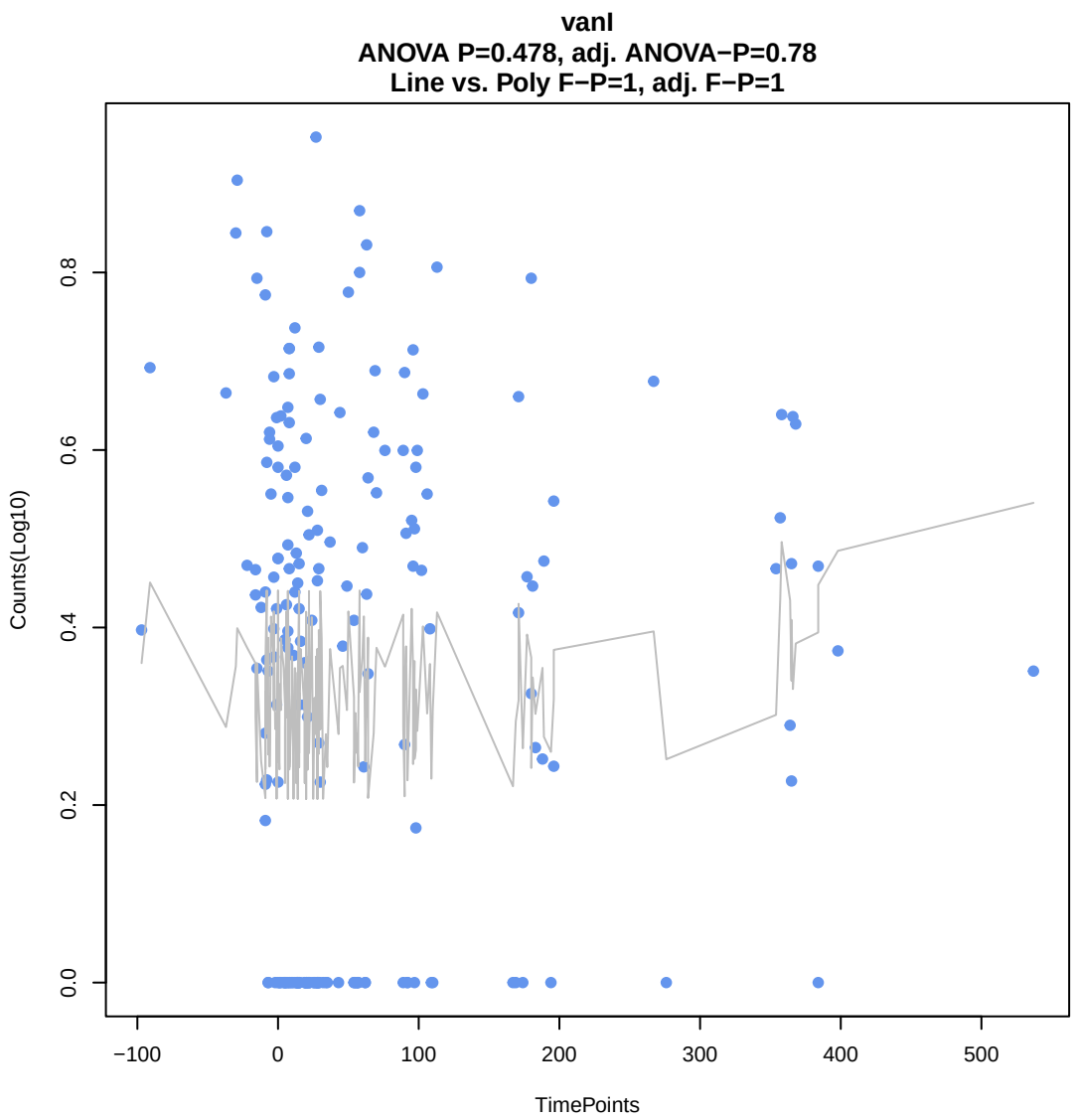

tet(40)
ANOVA P=0.602, adj. ANOVA−P=0.826
Line vs. Poly F−P=1, adj. F−P=1
Counts(Log10)
TimePoints

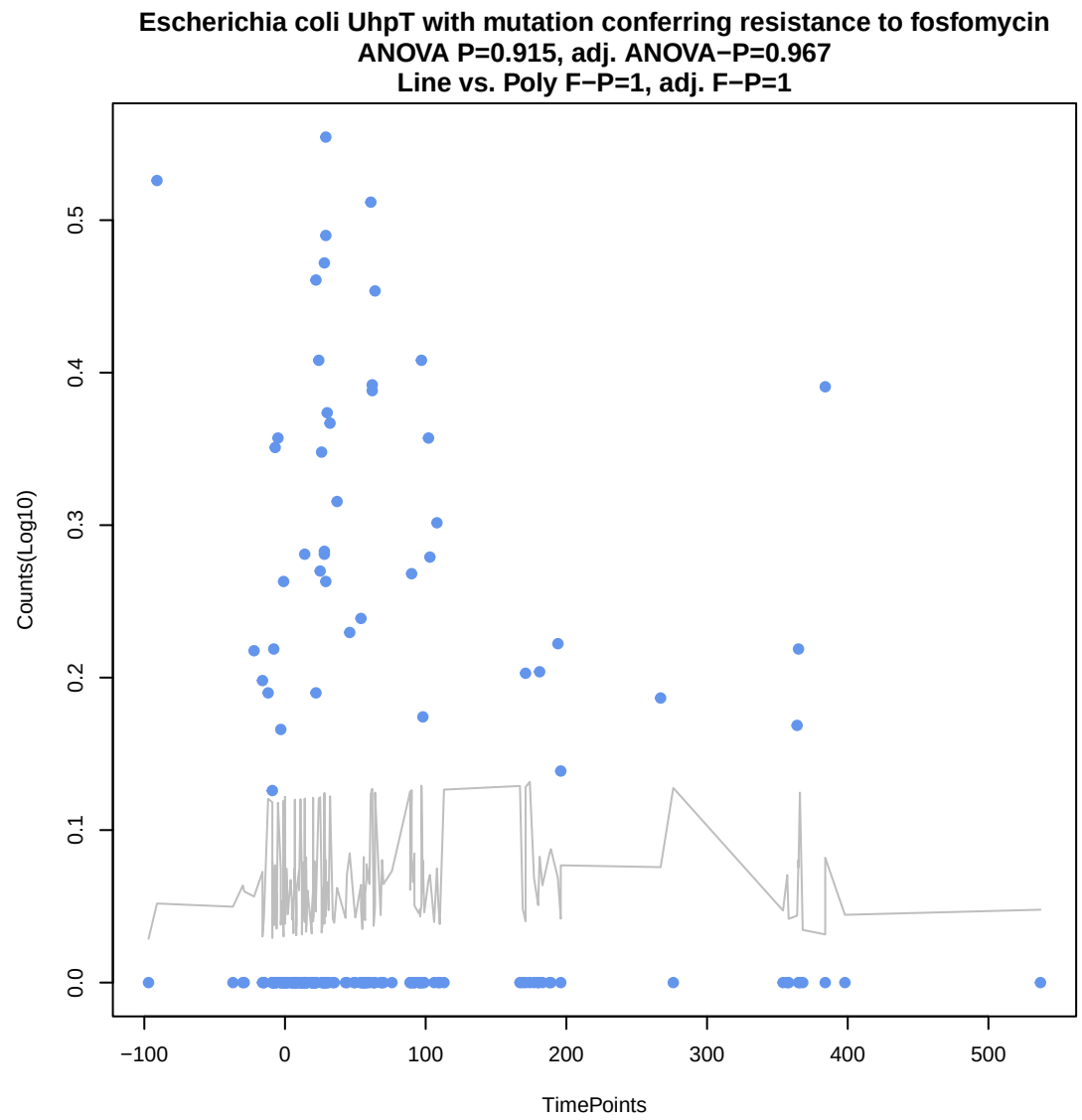

mdtO
ANOVA P=0.46, adj. ANOVA−P=0.78
Line vs. Poly F−P=1, adj. F−P=1
Counts(Log10)
TimePoints

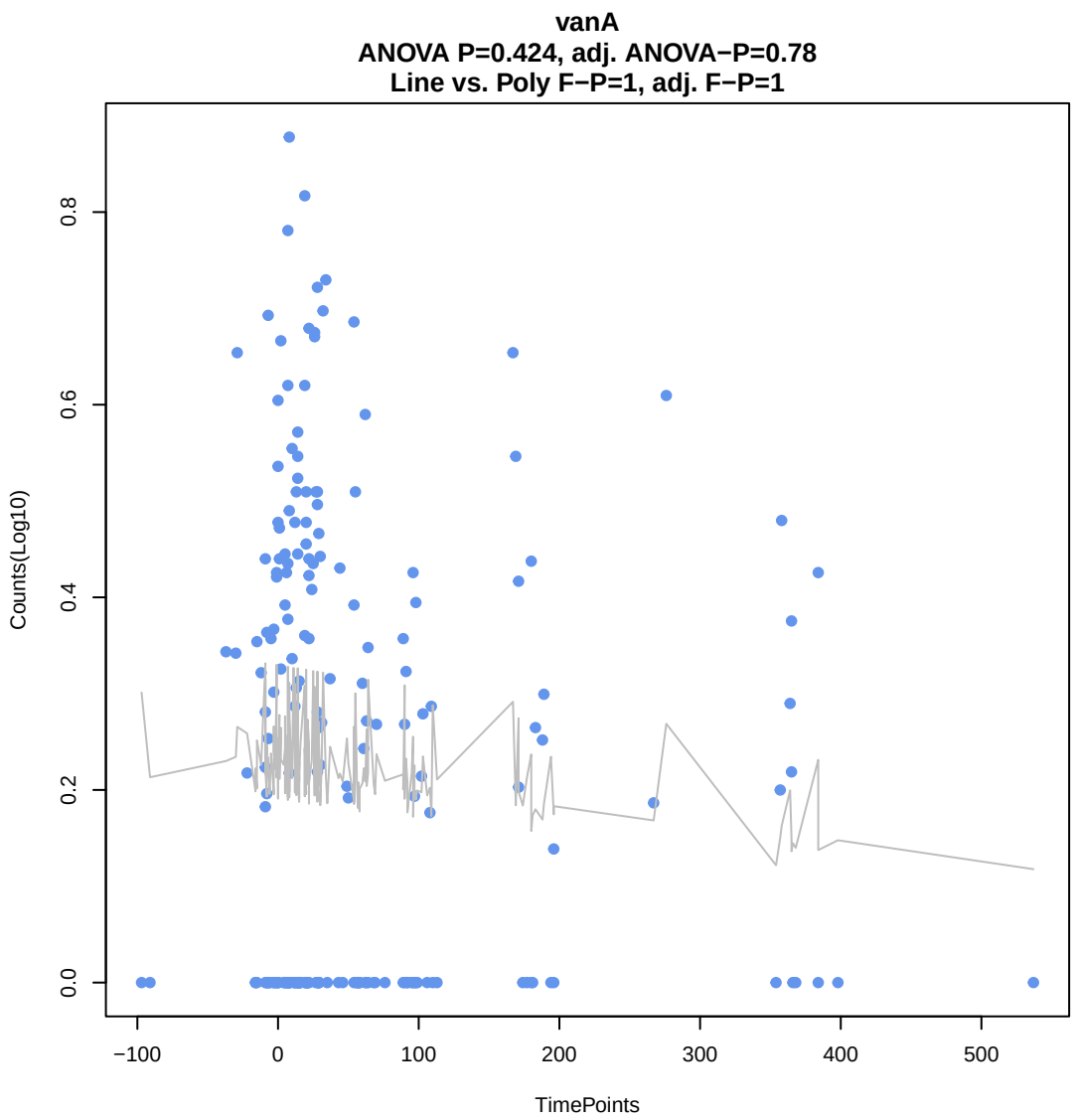

tet(O)
ANOVA P=0.291, adj. ANOVA−P=0.78
Line vs. Poly F−P=1, adj. F−P=1
Counts(Log10)
TimePoints

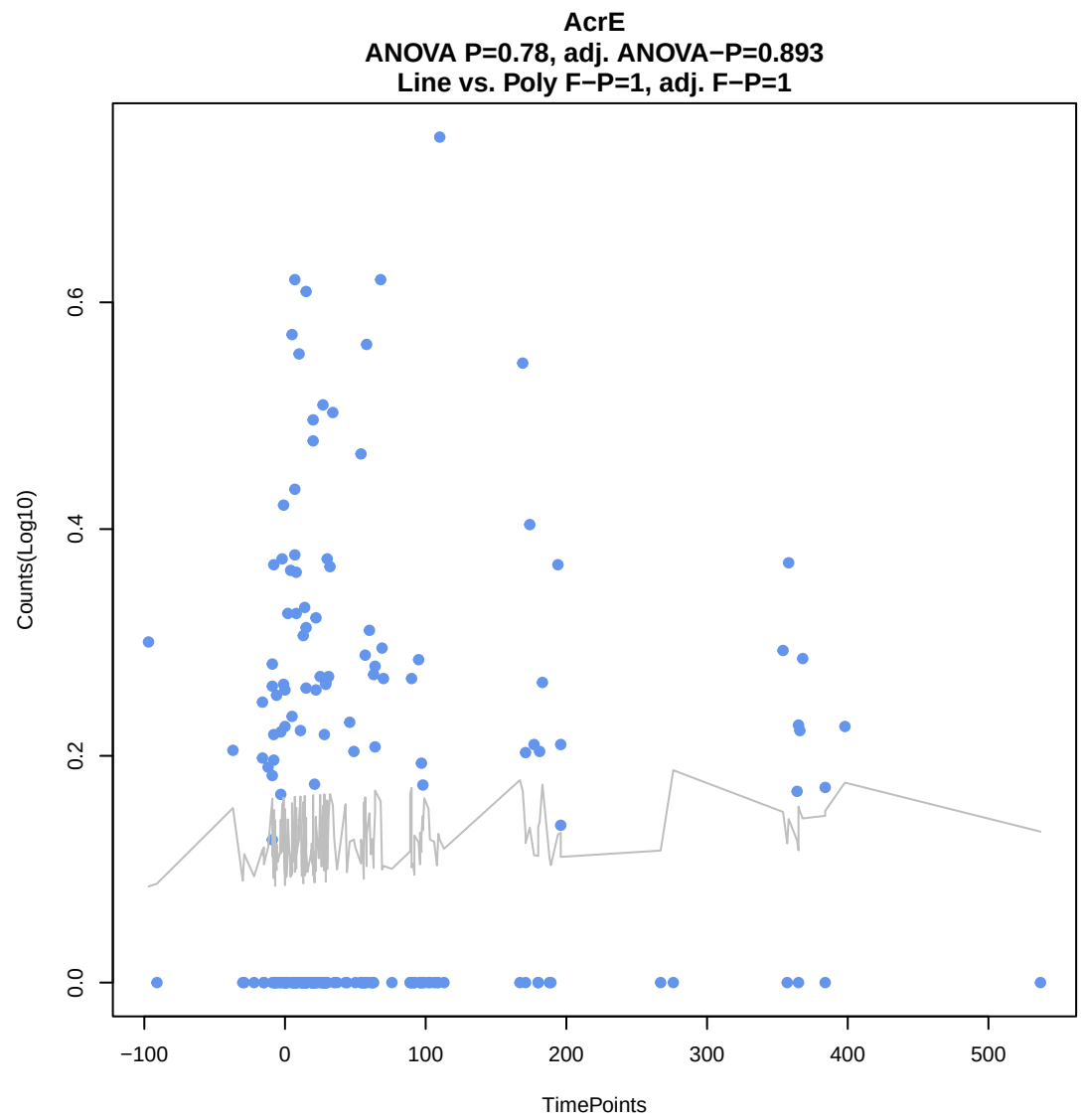

lmrD
ANOVA P=0.676, adj. ANOVA−P=0.832
Line vs. Poly F−P=1, adj. F−P=1
Counts(Log10)
TimePoints

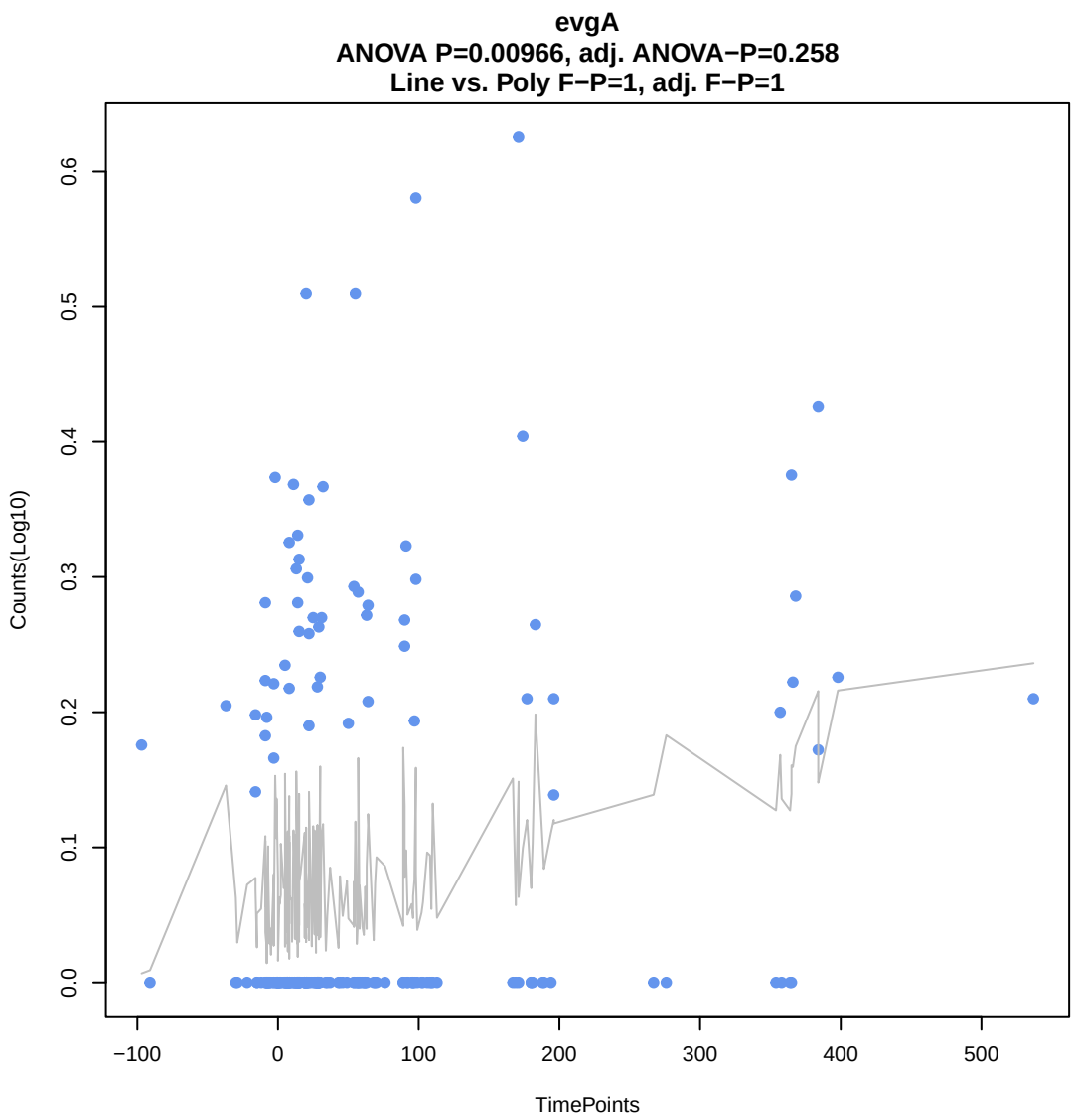

oqxB
ANOVA P=0.961, adj. ANOVA−P=0.967
Line vs. Poly F−P=1, adj. F−P=1
Counts(Log10)
TimePoints

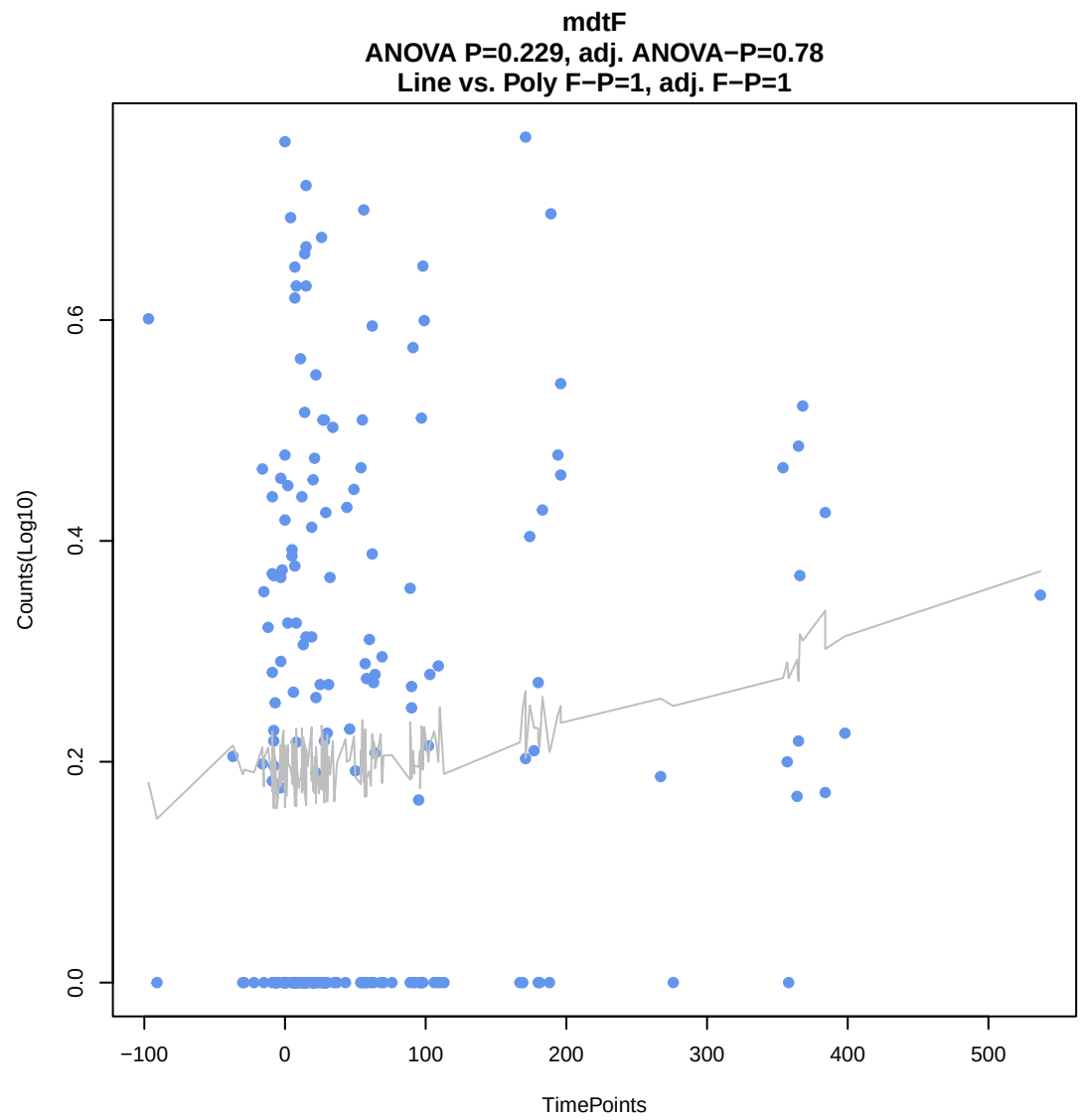

vanI
ANOVA P=0.478, adj. ANOVA−P=0.78
Line vs. Poly F−P=1, adj. F−P=1
Counts(Log10)
TimePoints

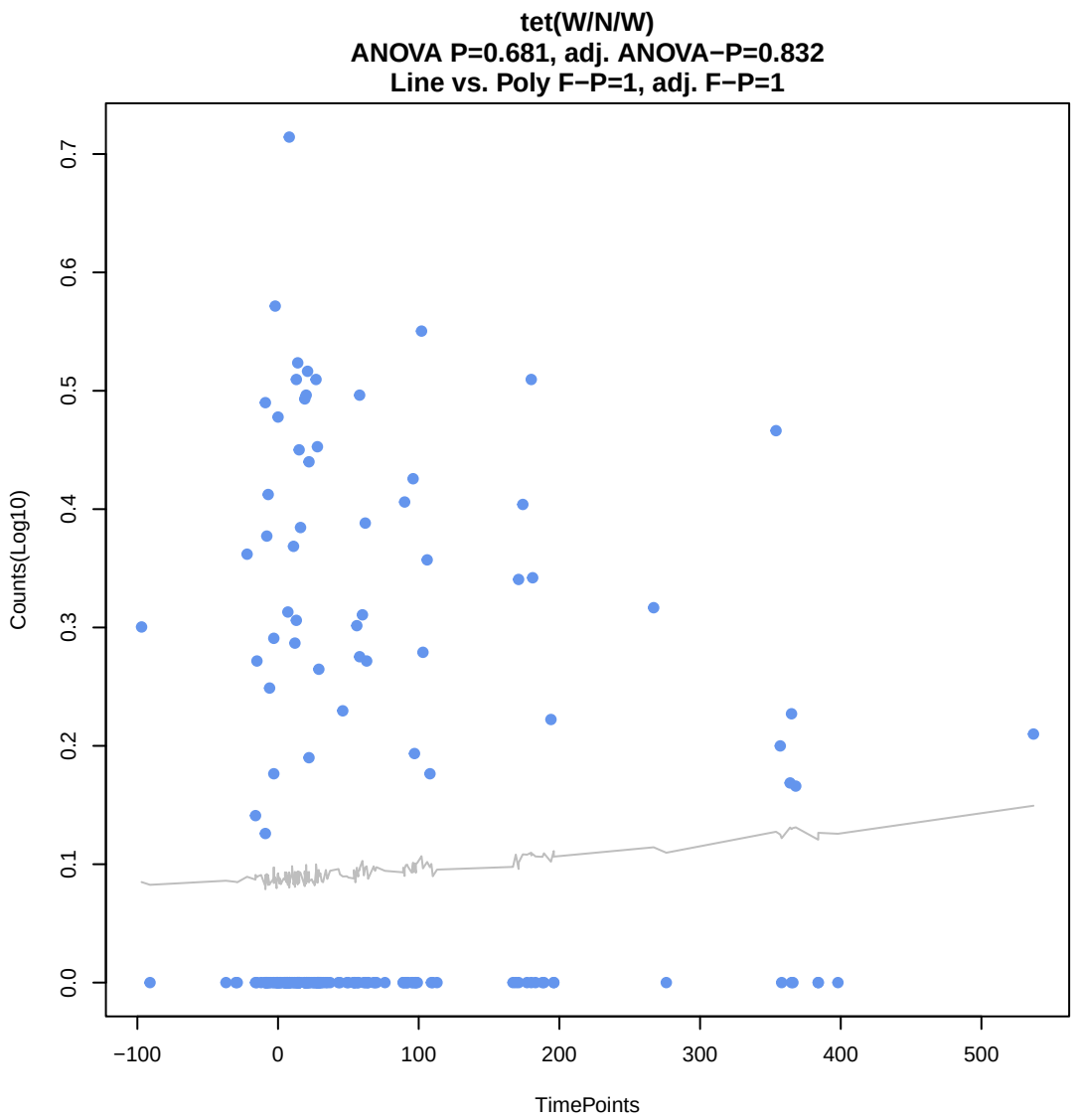

Escherichia coli UhpT with mutation conferring resistance to fosfomycin
ANOVA P=0.915, adj. ANOVA−P=0.967
Line vs. Poly F−P=1, adj. F−P=1
Counts(Log10)
TimePoints

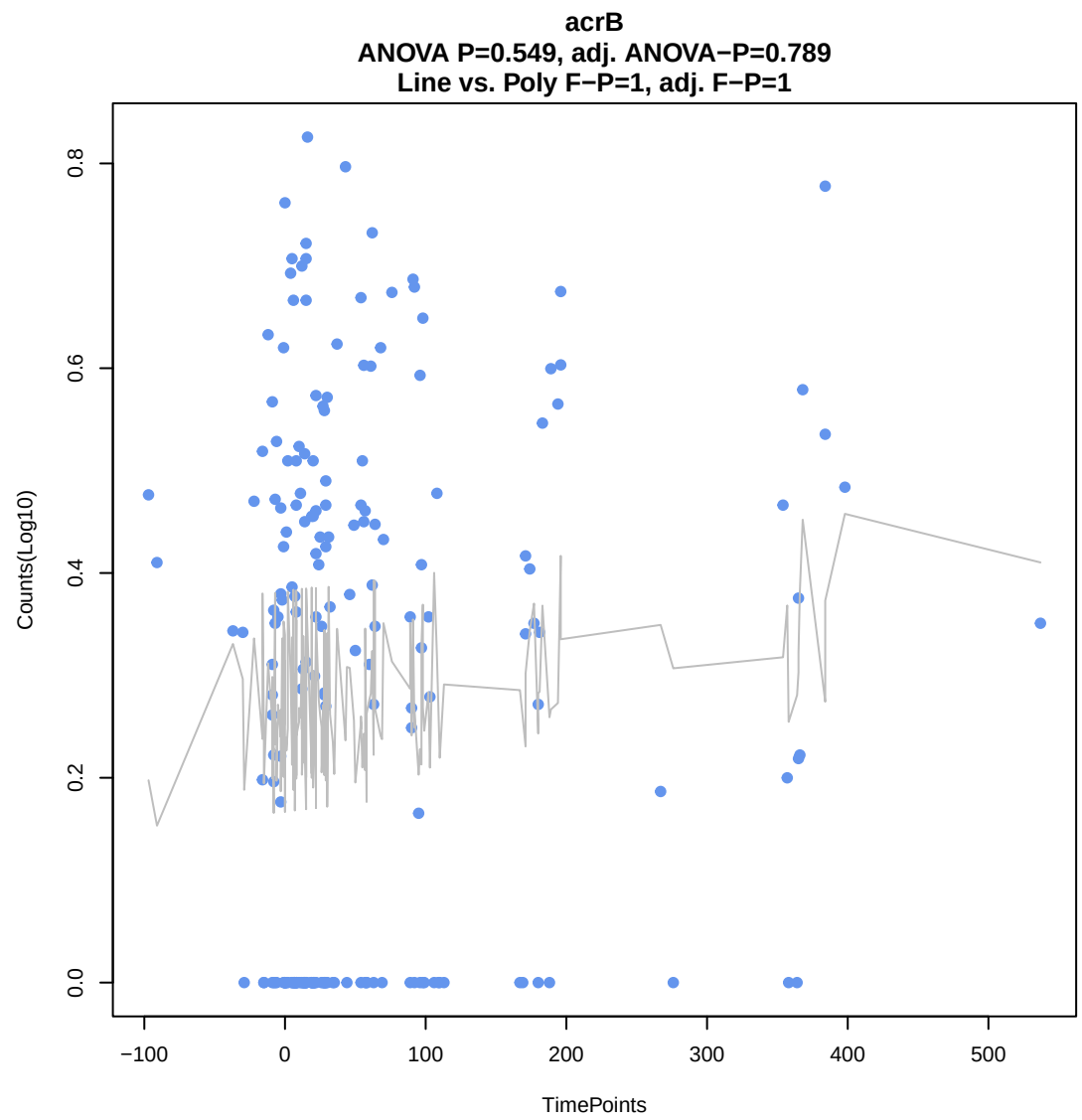

vanA
ANOVA P=0.424, adj. ANOVA−P=0.78
Line vs. Poly F−P=1, adj. F−P=1
Counts(Log10)
TimePoints

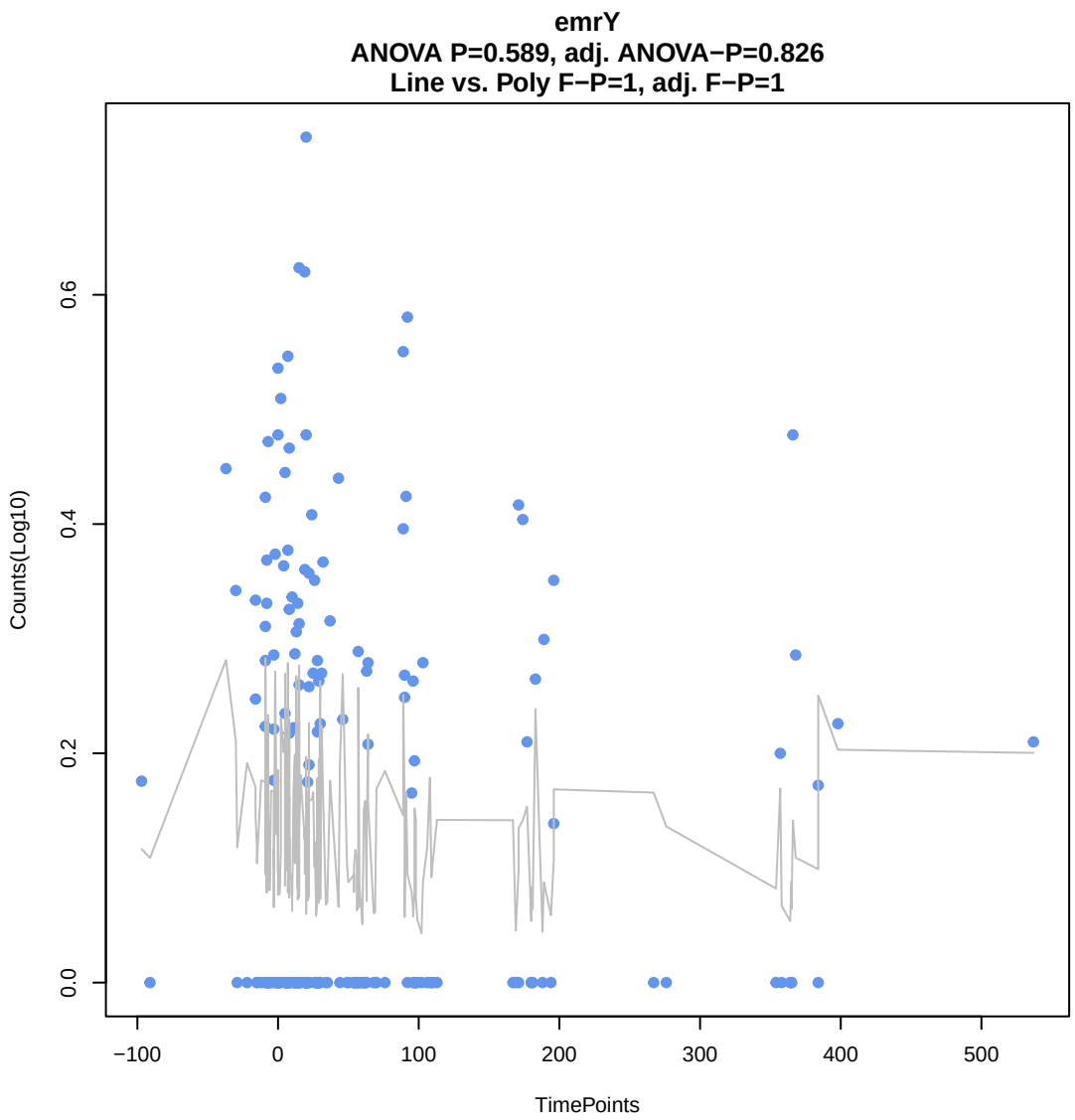

AcrE
ANOVA P=0.78, adj. ANOVA−P=0.893
Line vs. Poly F−P=1, adj. F−P=1
Counts(Log10)
TimePoints

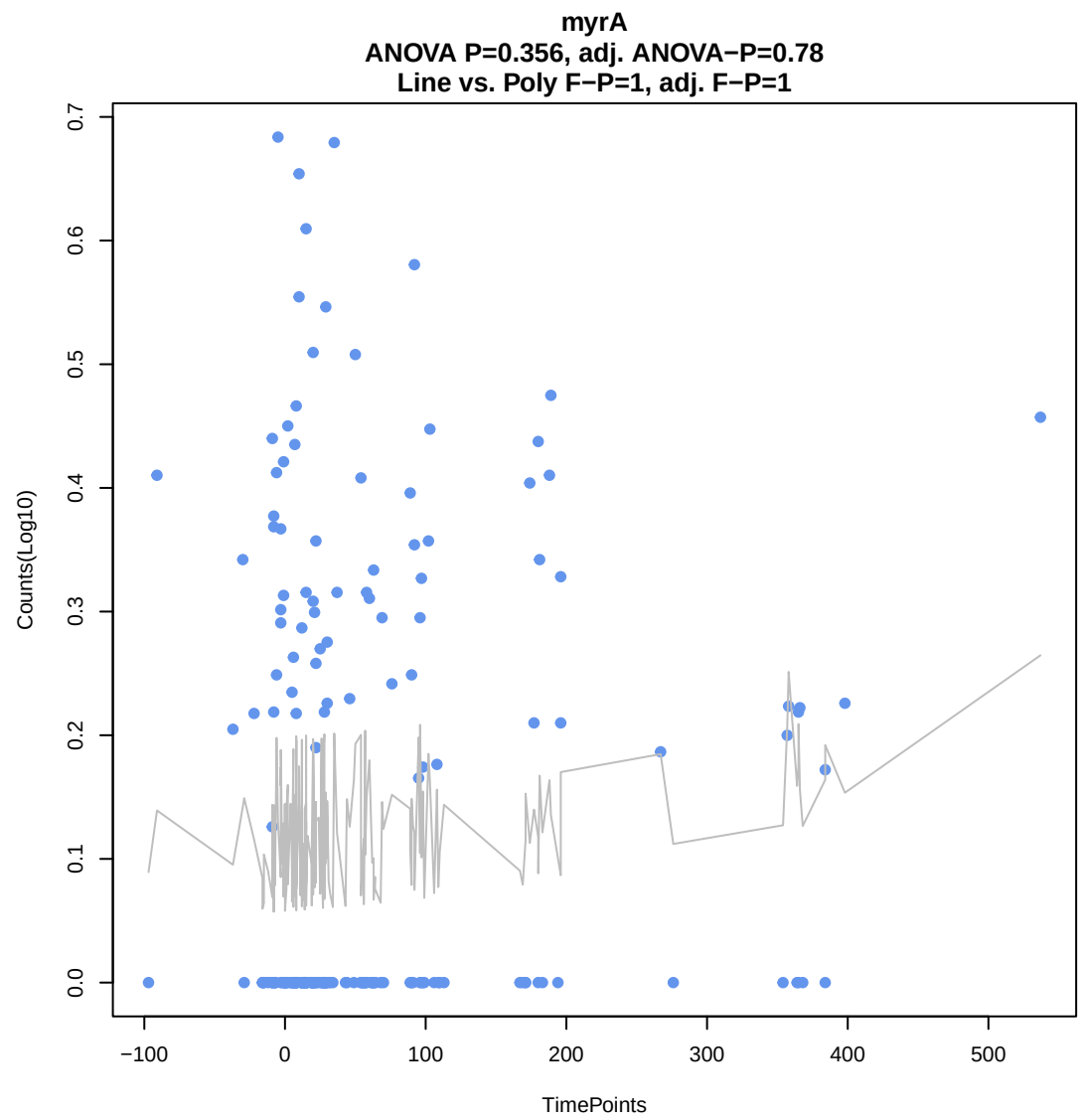

evgA
ANOVA P=0.00966, adj. ANOVA−P=0.258
Line vs. Poly F−P=1, adj. F−P=1
Counts(Log10)
TimePoints

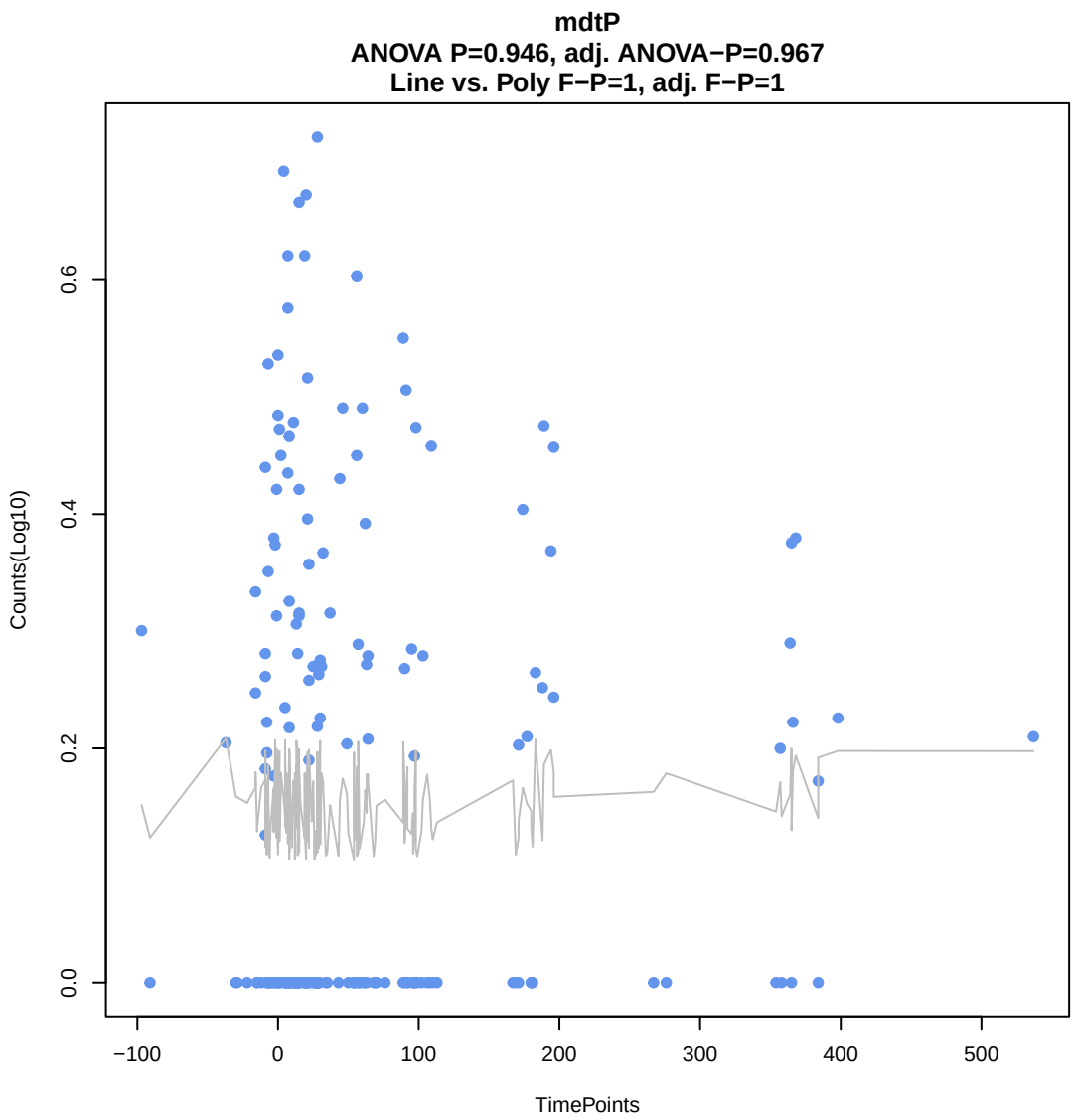

mdtF
ANOVA P=0.229, adj. ANOVA−P=0.78
Line vs. Poly F−P=1, adj. F−P=1
Counts(Log10)
TimePoints

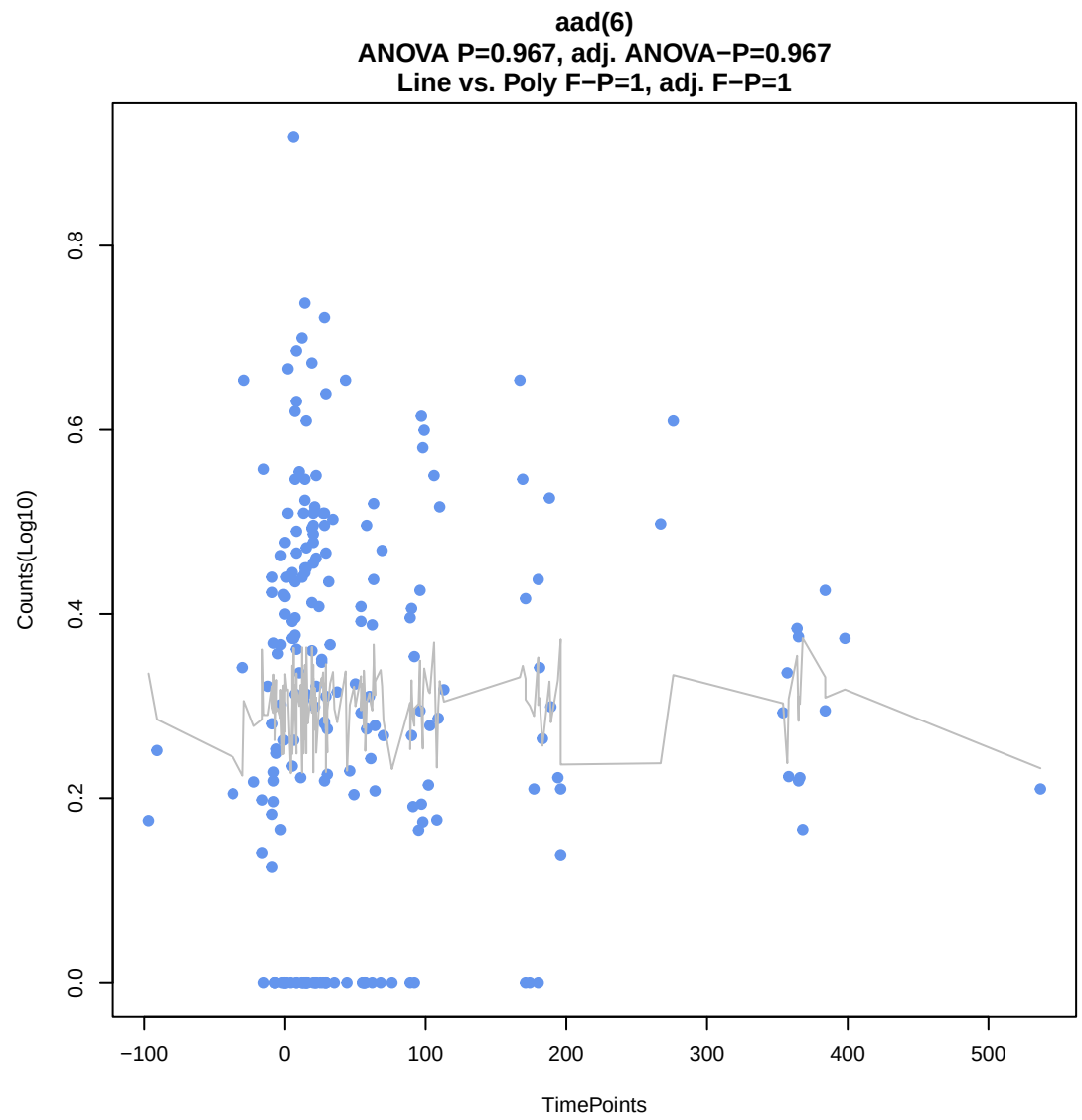

tet(W/N/W)
ANOVA P=0.681, adj. ANOVA−P=0.832
Line vs. Poly F−P=1, adj. F−P=1
Counts(Log10)
TimePoints

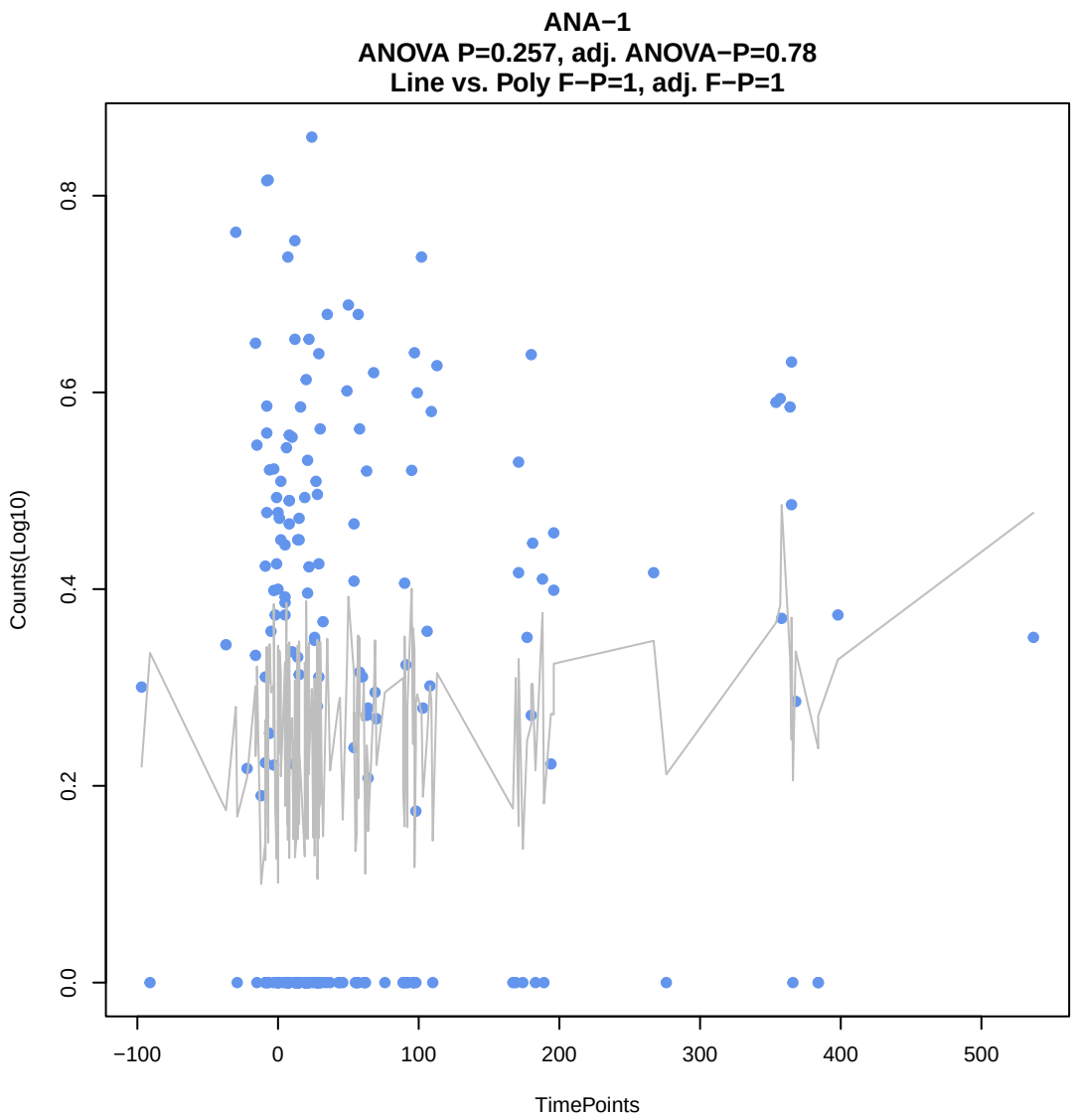

acrB
ANOVA P=0.549, adj. ANOVA−P=0.789
Line vs. Poly F−P=1, adj. F−P=1
Counts(Log10)
TimePoints

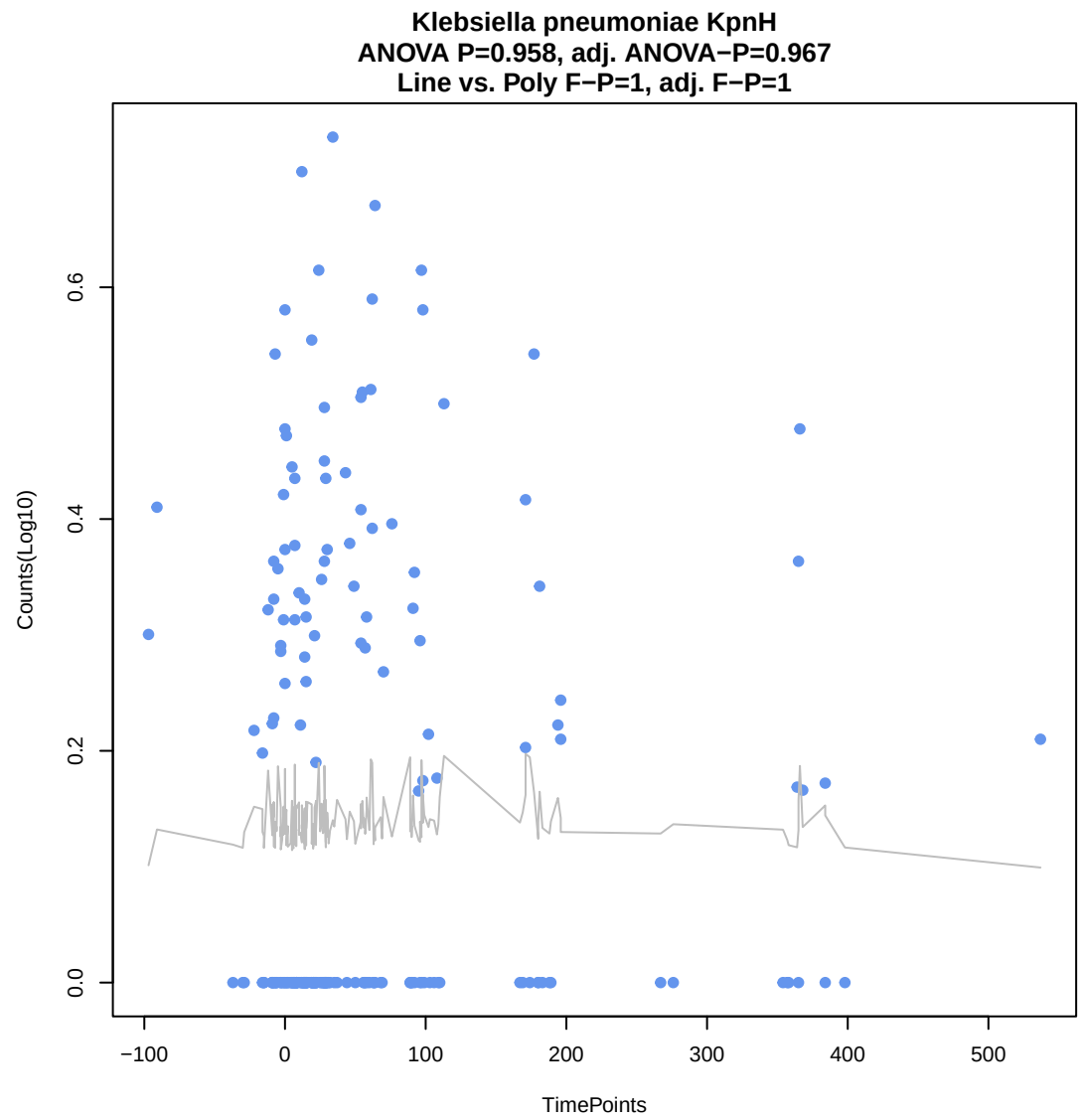

emrY
ANOVA P=0.589, adj. ANOVA−P=0.826
Line vs. Poly F−P=1, adj. F−P=1
Counts(Log10)
TimePoints

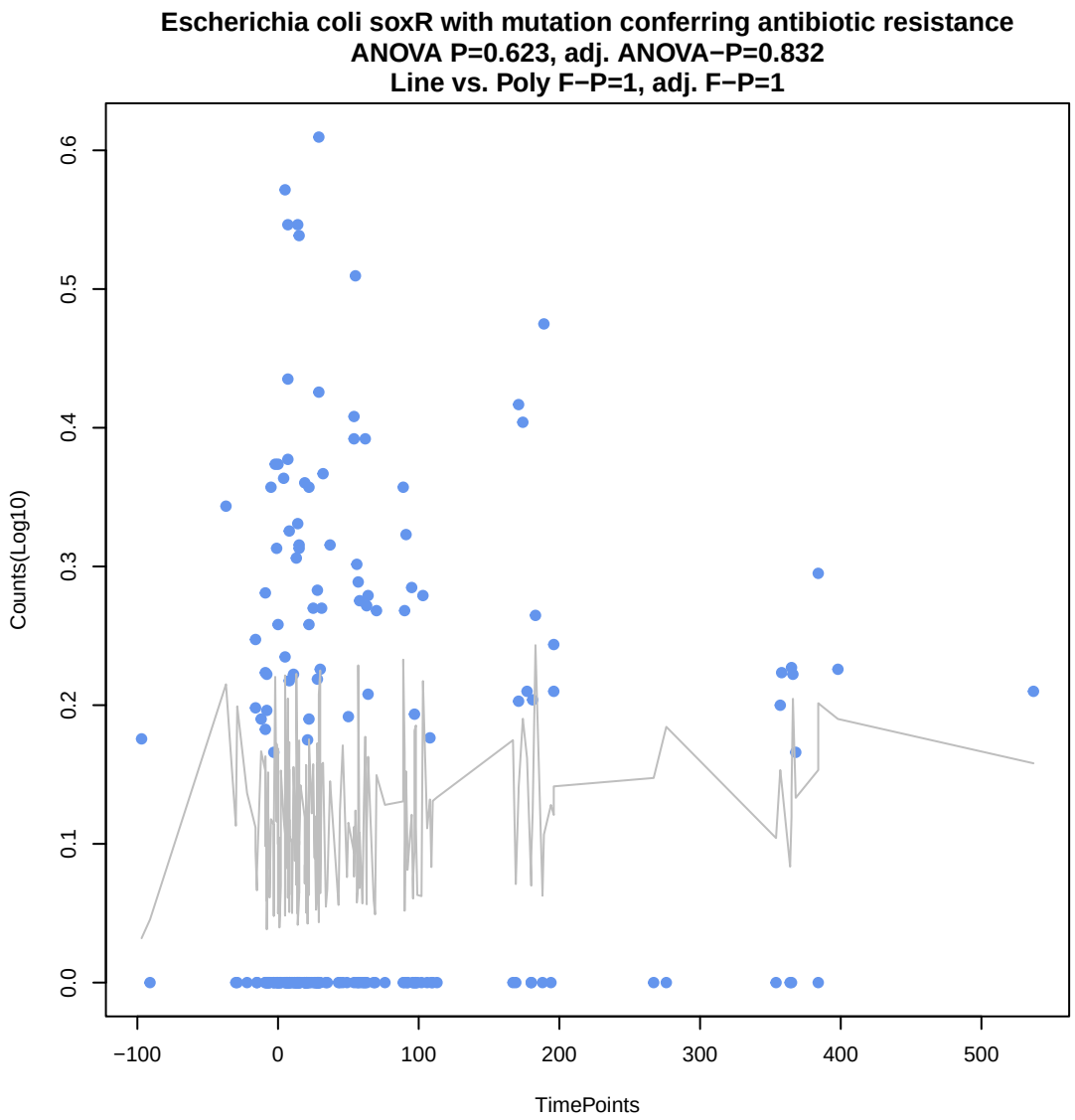

myrA
ANOVA P=0.356, adj. ANOVA−P=0.78
Line vs. Poly F−P=1, adj. F−P=1
Counts(Log10)
TimePoints


mdtP
ANOVA P=0.946, adj. ANOVA−P=0.967
Line vs. Poly F−P=1, adj. F−P=1
Counts(Log10)
0.0
0.2
0.4
0.6
−100
0
100
200
300
400
500
TimePoints


aad(6)
ANOVA P=0.967, adj. ANOVA−P=0.967
Line vs. Poly F−P=1, adj. F−P=1
Counts(Log10)
0.0
0.2
0.4
0.6
0.8
−100
0
100
200
300
400
500
TimePoints


ANA−1
ANOVA P=0.257, adj. ANOVA−P=0.78
Line vs. Poly F−P=1, adj. F−P=1
Counts(Log10)
0.0
0.2
0.4
0.6
0.8
−100
0
100
200
300
400
500
TimePoints


Klebsiella pneumoniae KpnH
ANOVA P=0.958, adj. ANOVA−P=0.967
Line vs. Poly F−P=1, adj. F−P=1
Counts(Log10)
0.0
0.2
0.4
0.6
−100
0
100
200
300
400
500
TimePoints


Escherichia coli soxR with mutation conferring antibiotic resistance
ANOVA P=0.623, adj. ANOVA−P=0.832
Line vs. Poly F−P=1, adj. F−P=1
Counts(Log10)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
−100
0
100
200
300
400
500
TimePoints