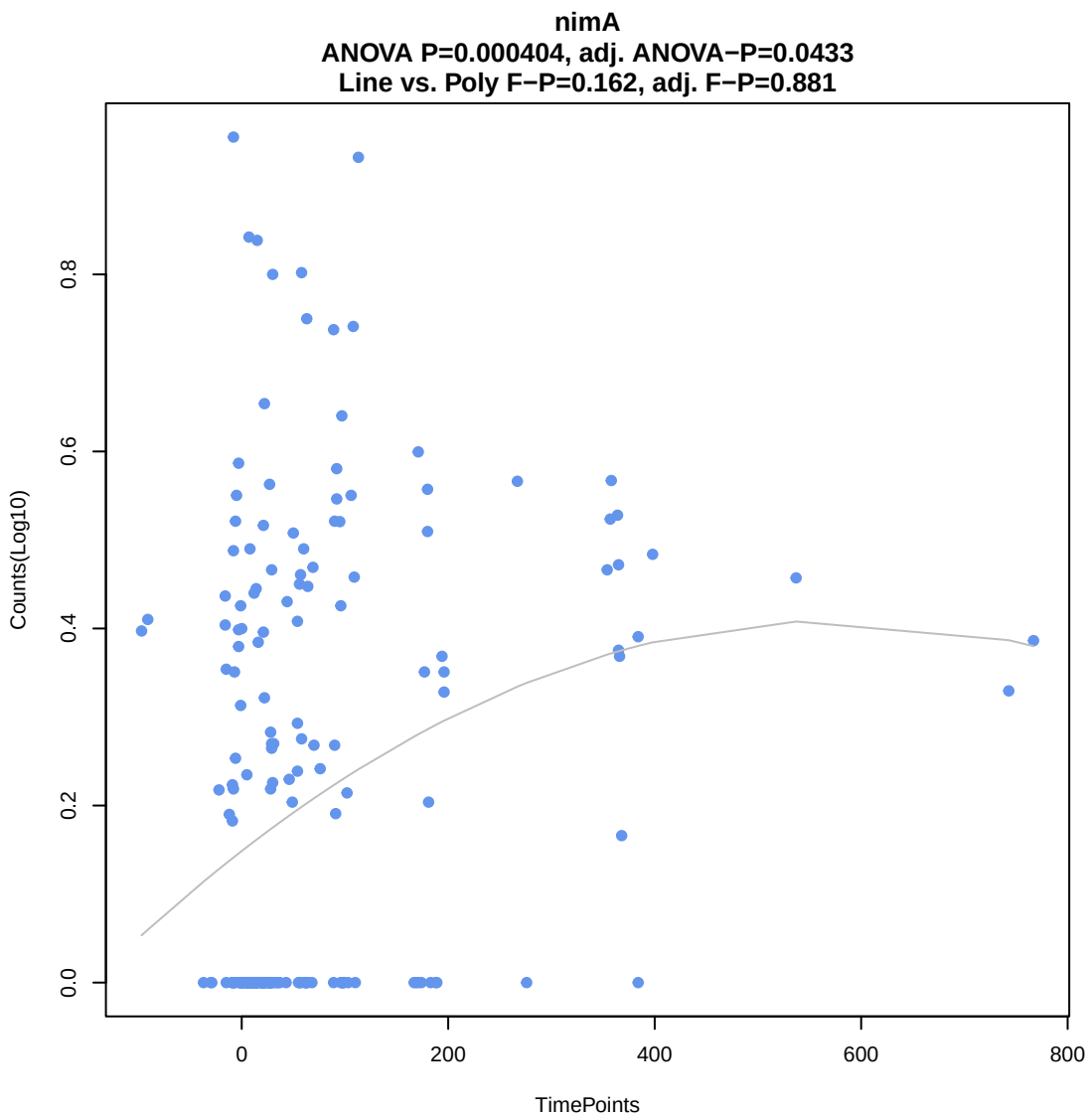
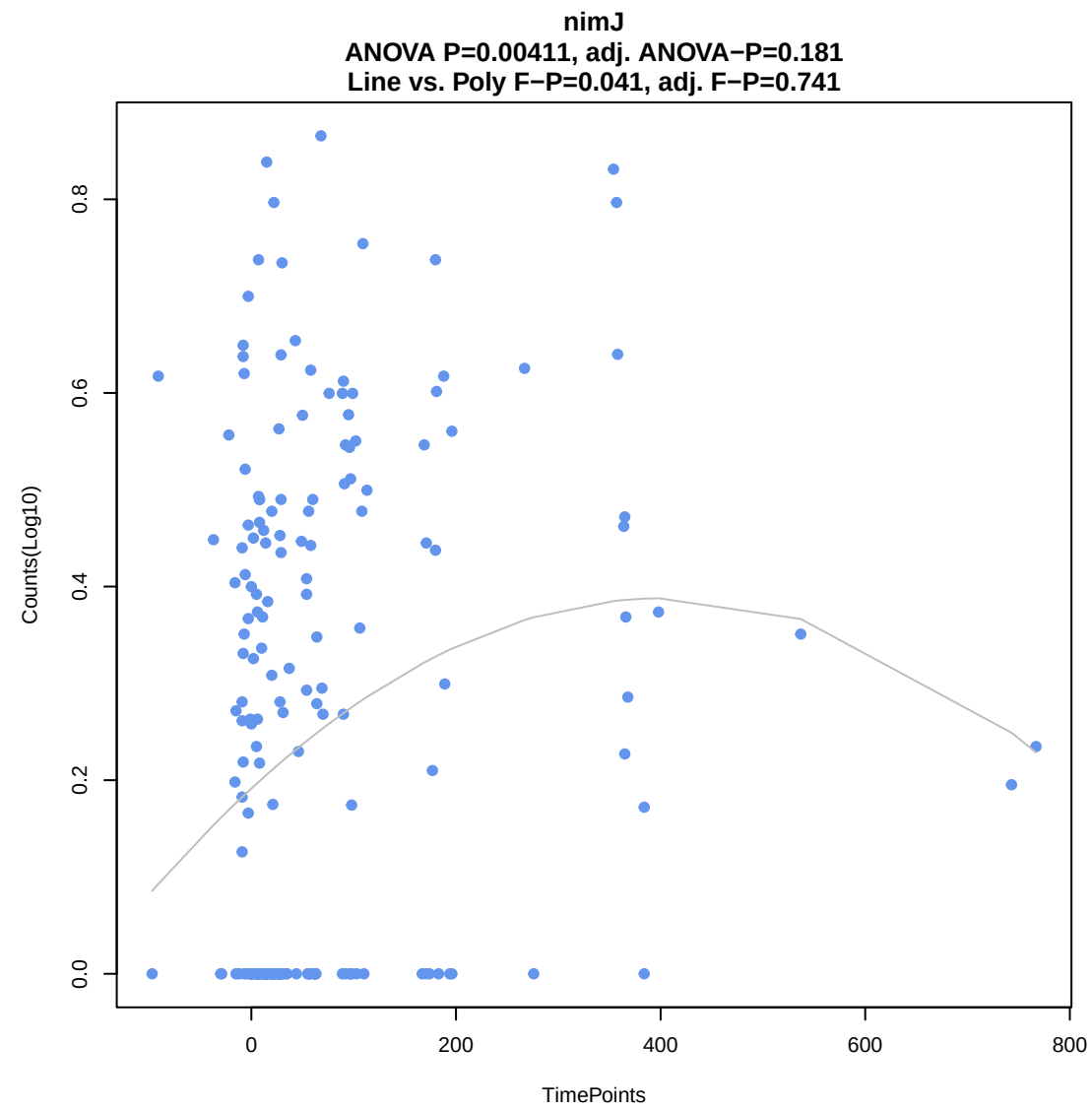
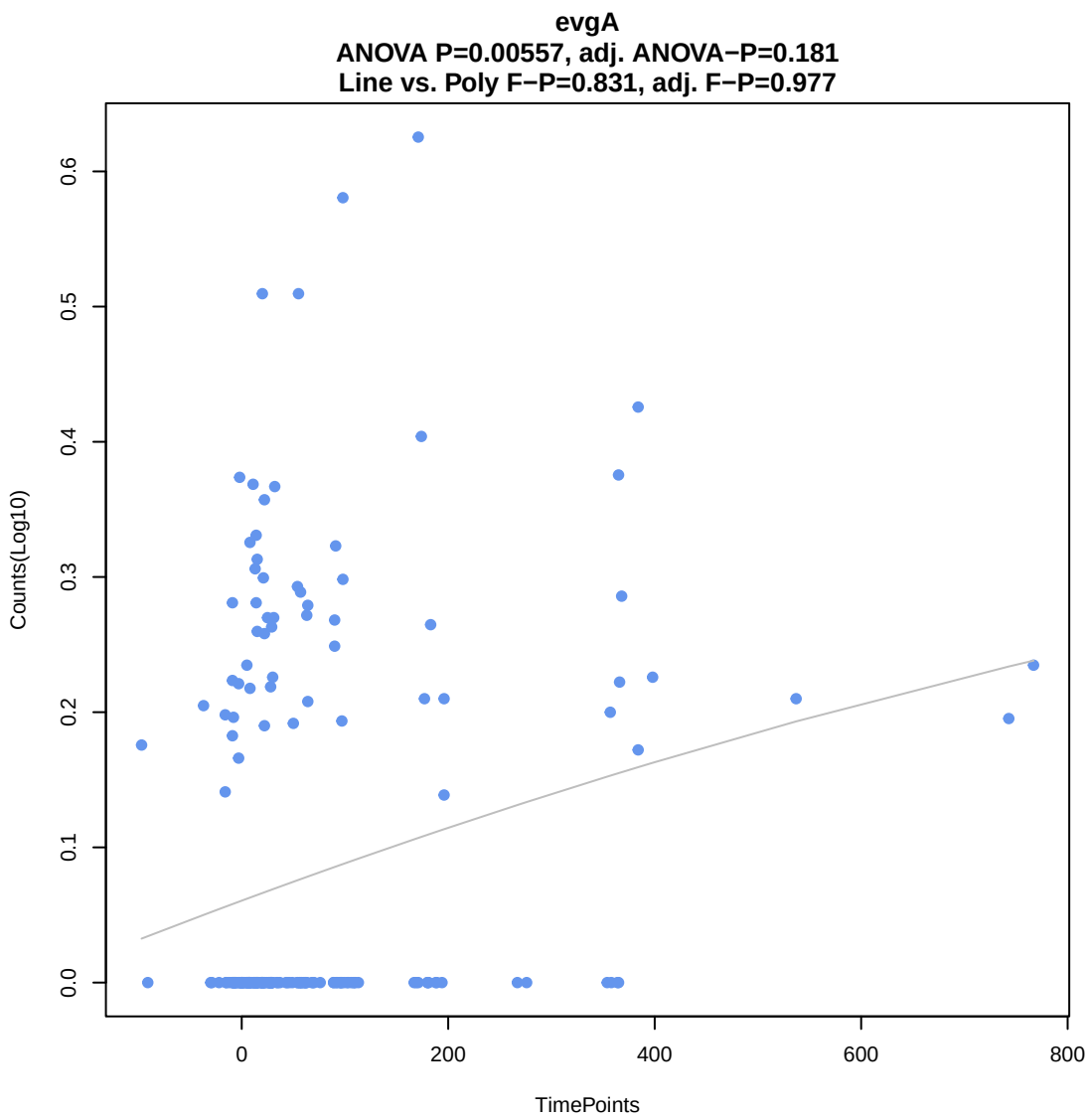
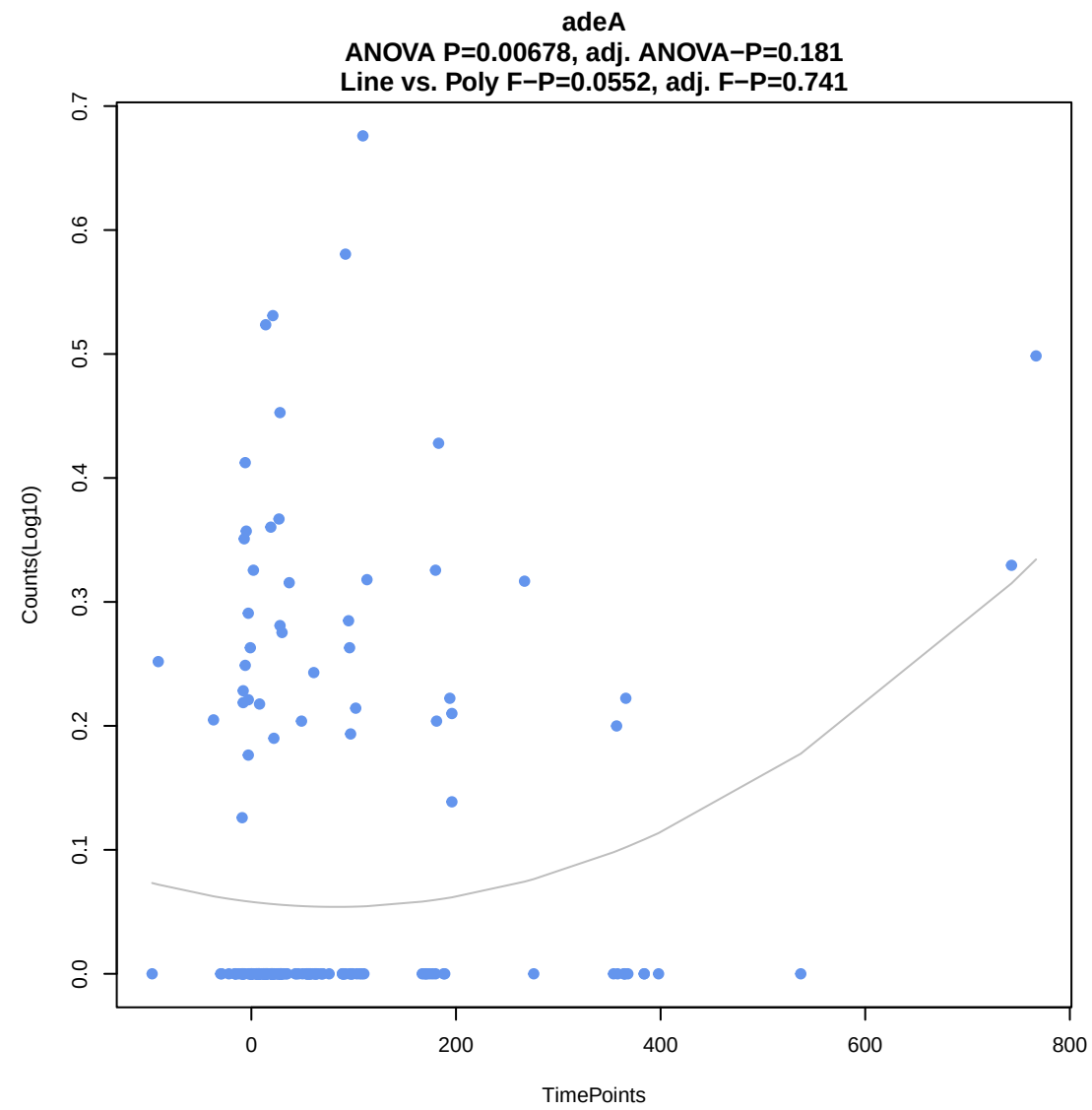
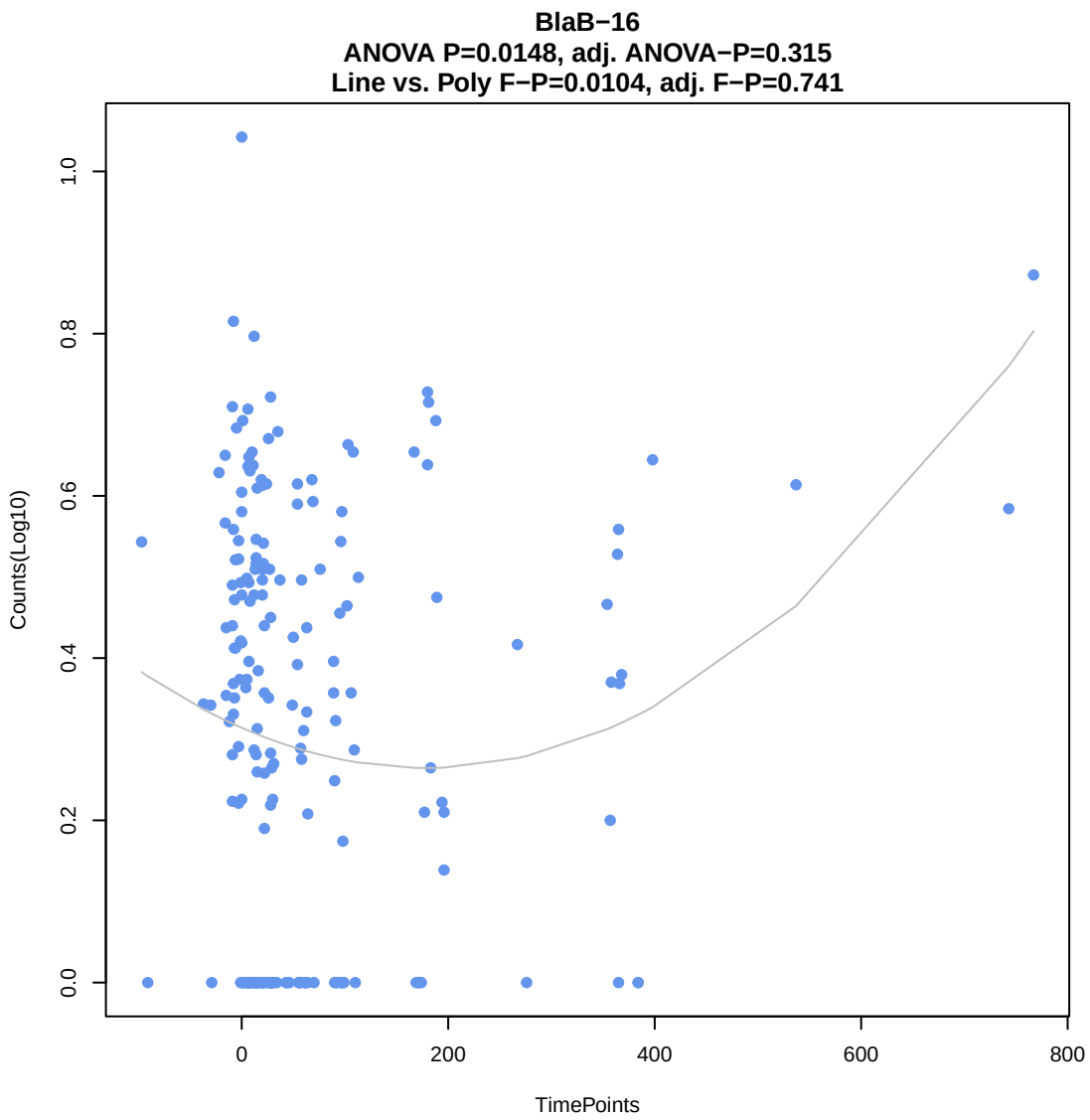
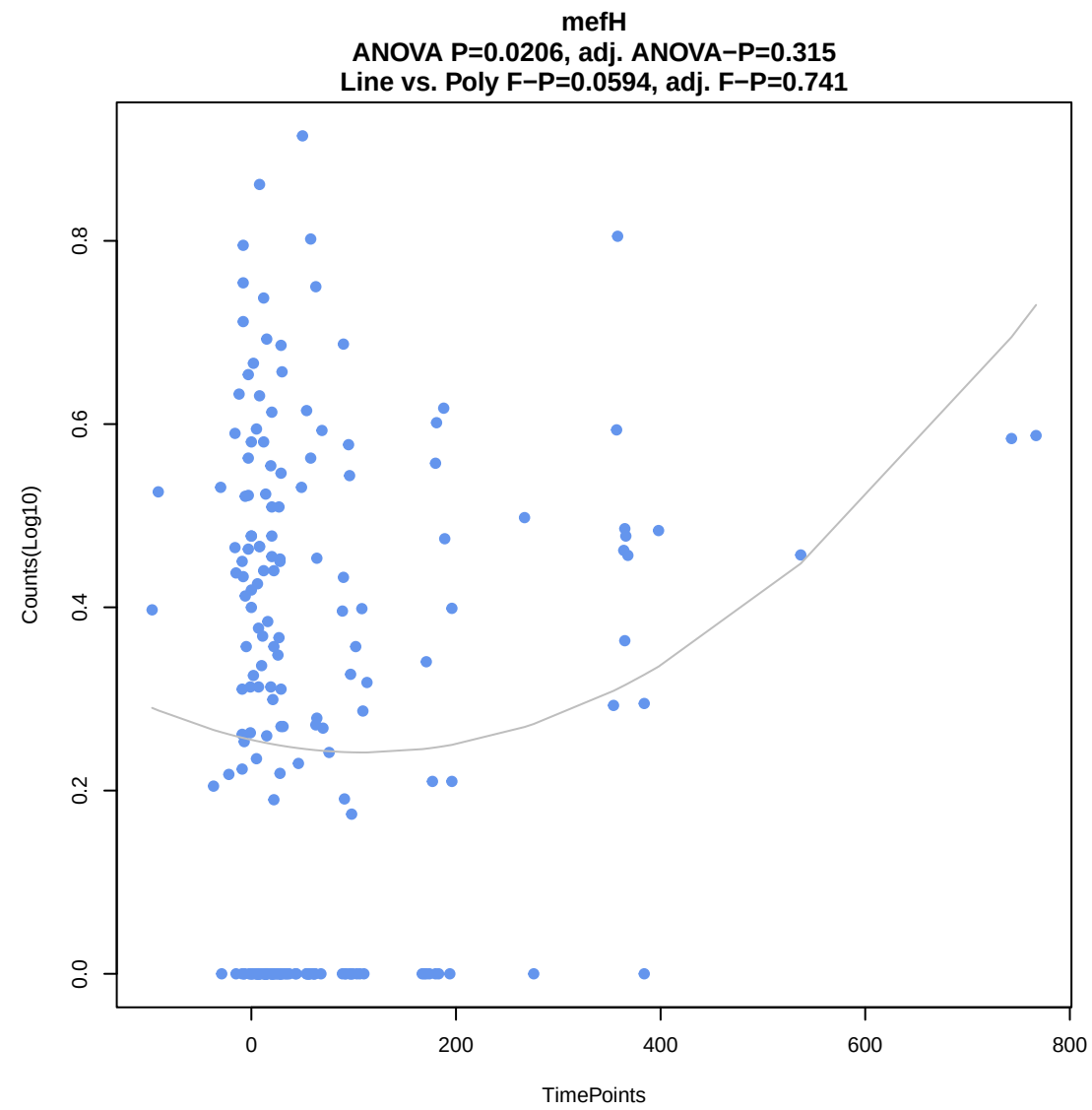

nimA
ANOVA P=0.000404, adj. ANOVA−P=0.0433
Line vs. Poly F−P=0.162, adj. F−P=0.881
Counts(Log10)
TimePoints

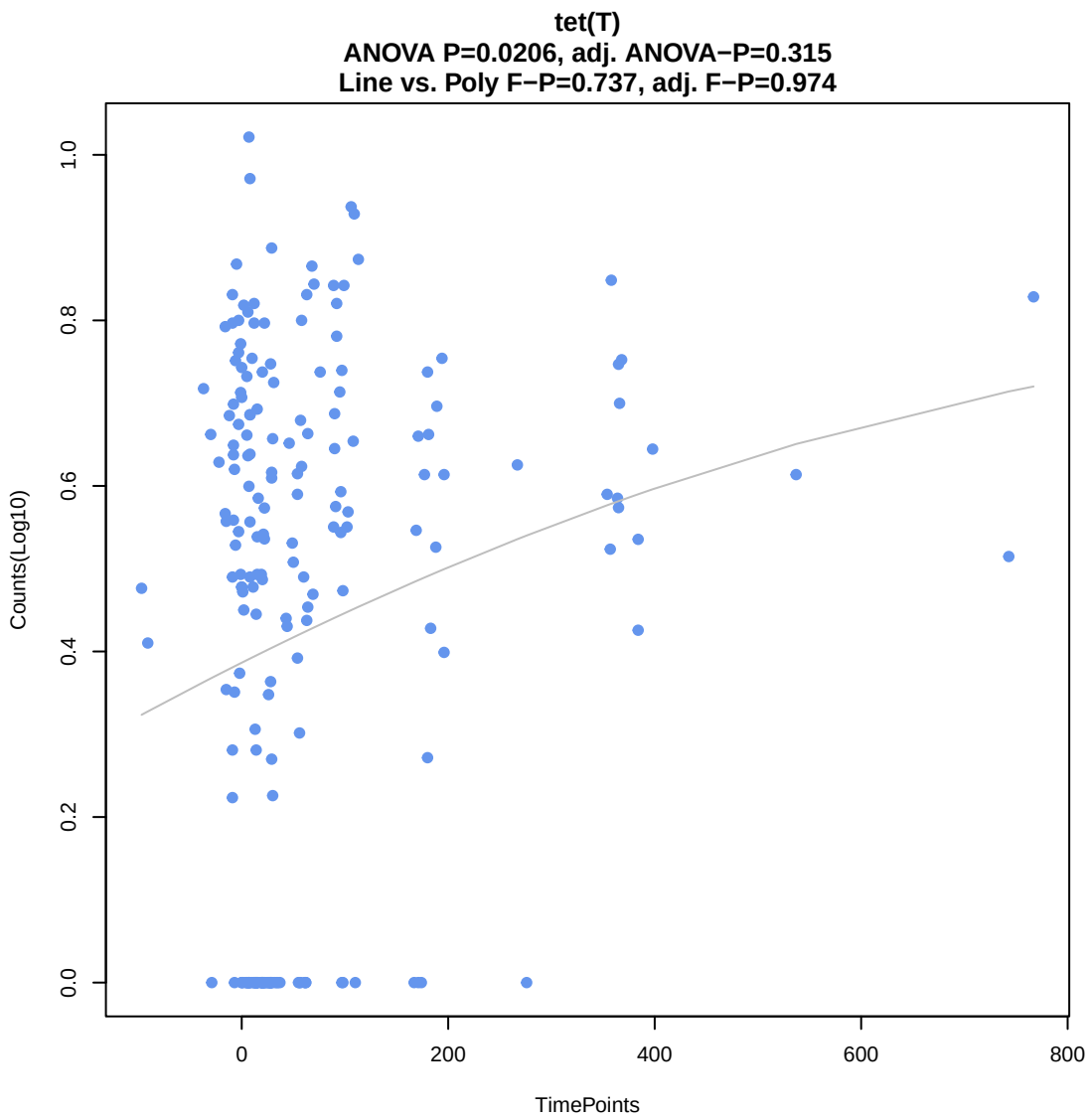

nimJ
ANOVA P=0.00411, adj. ANOVA−P=0.181
Line vs. Poly F−P=0.041, adj. F−P=0.741
Counts(Log10)
TimePoints

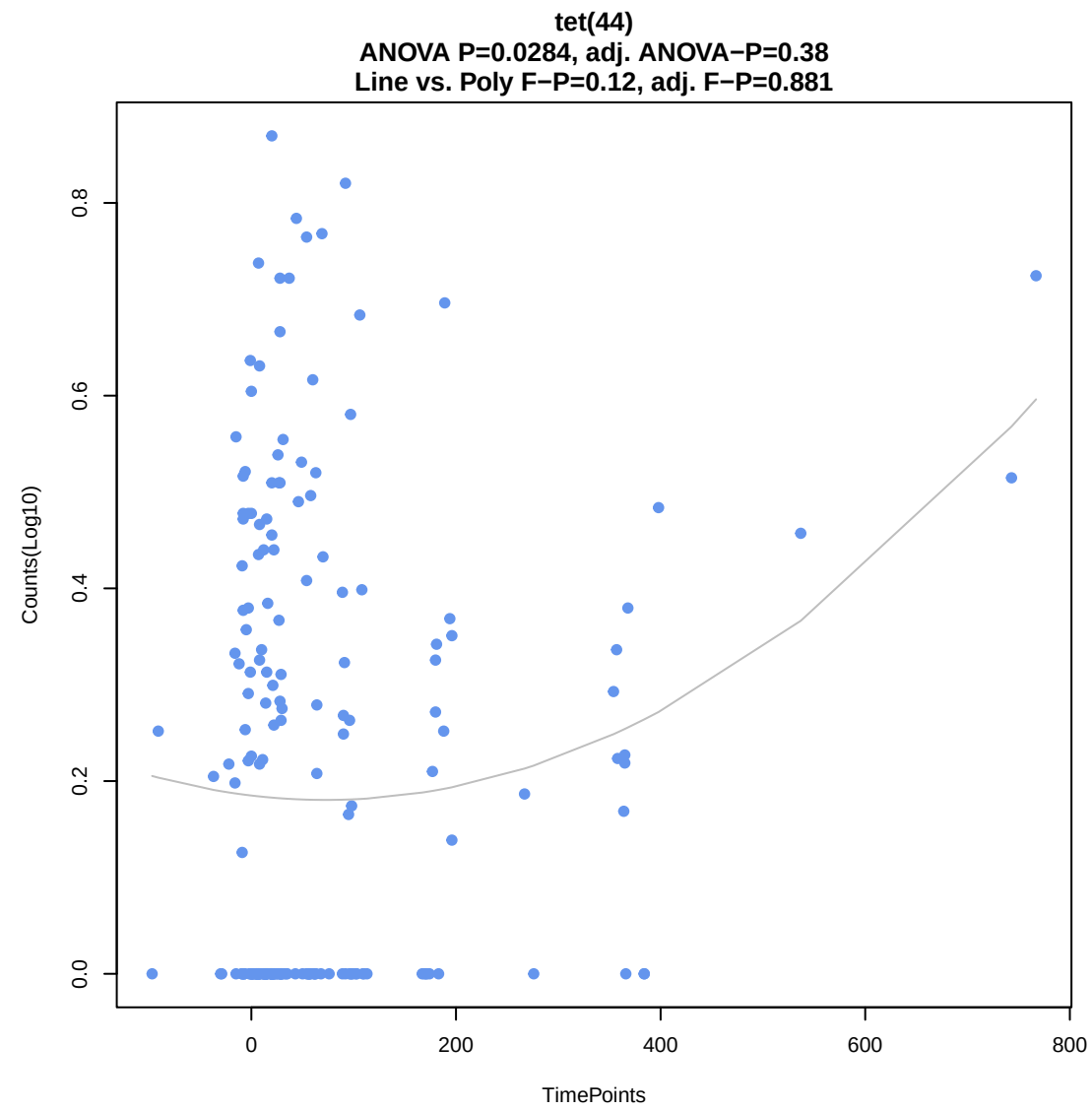

evgA
ANOVA P=0.00557, adj. ANOVA−P=0.181
Line vs. Poly F−P=0.831, adj. F−P=0.977
Counts(Log10)
TimePoints

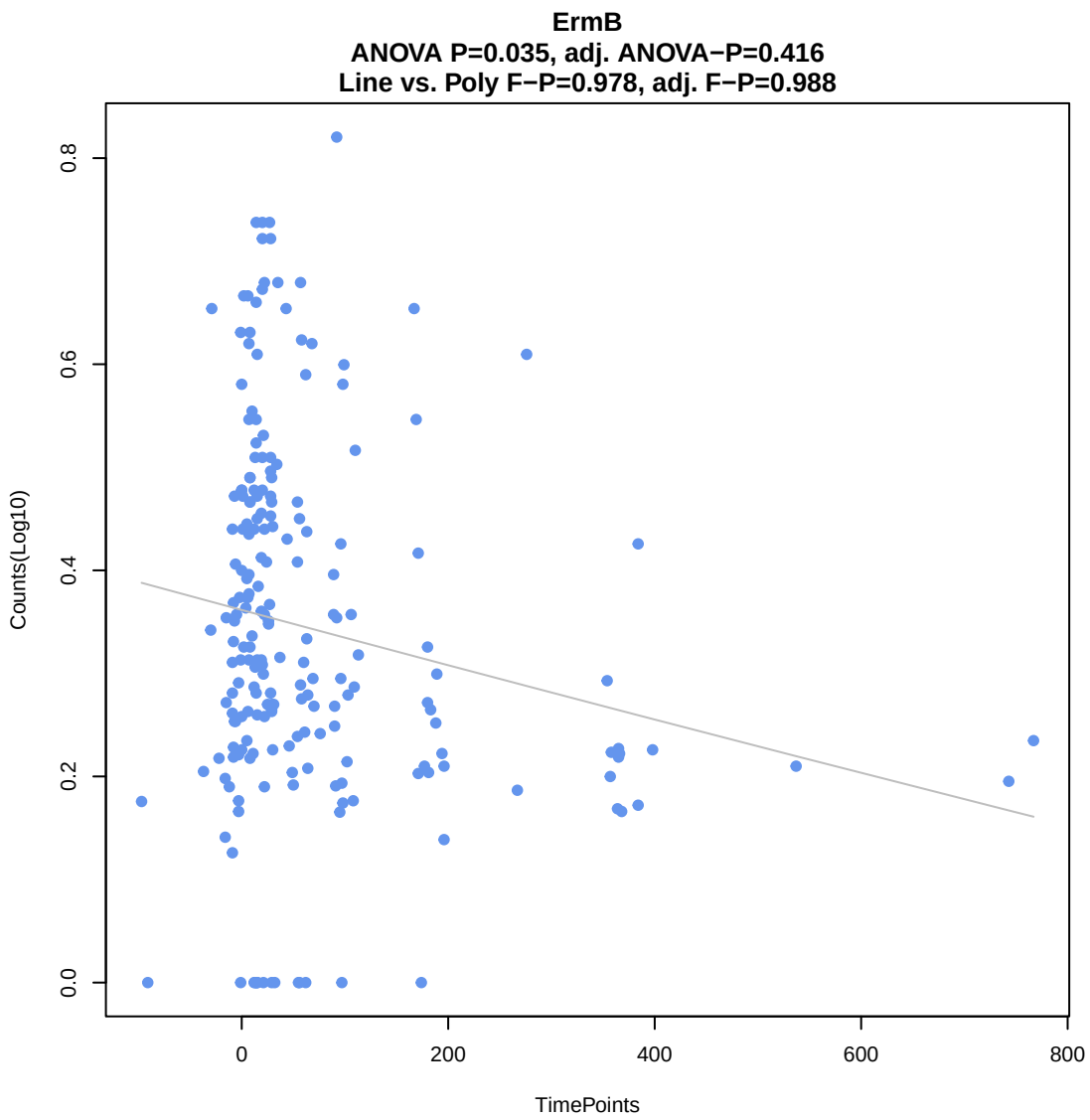

adeA
ANOVA P=0.00678, adj. ANOVA−P=0.181
Line vs. Poly F−P=0.0552, adj. F−P=0.741
Counts(Log10)
TimePoints

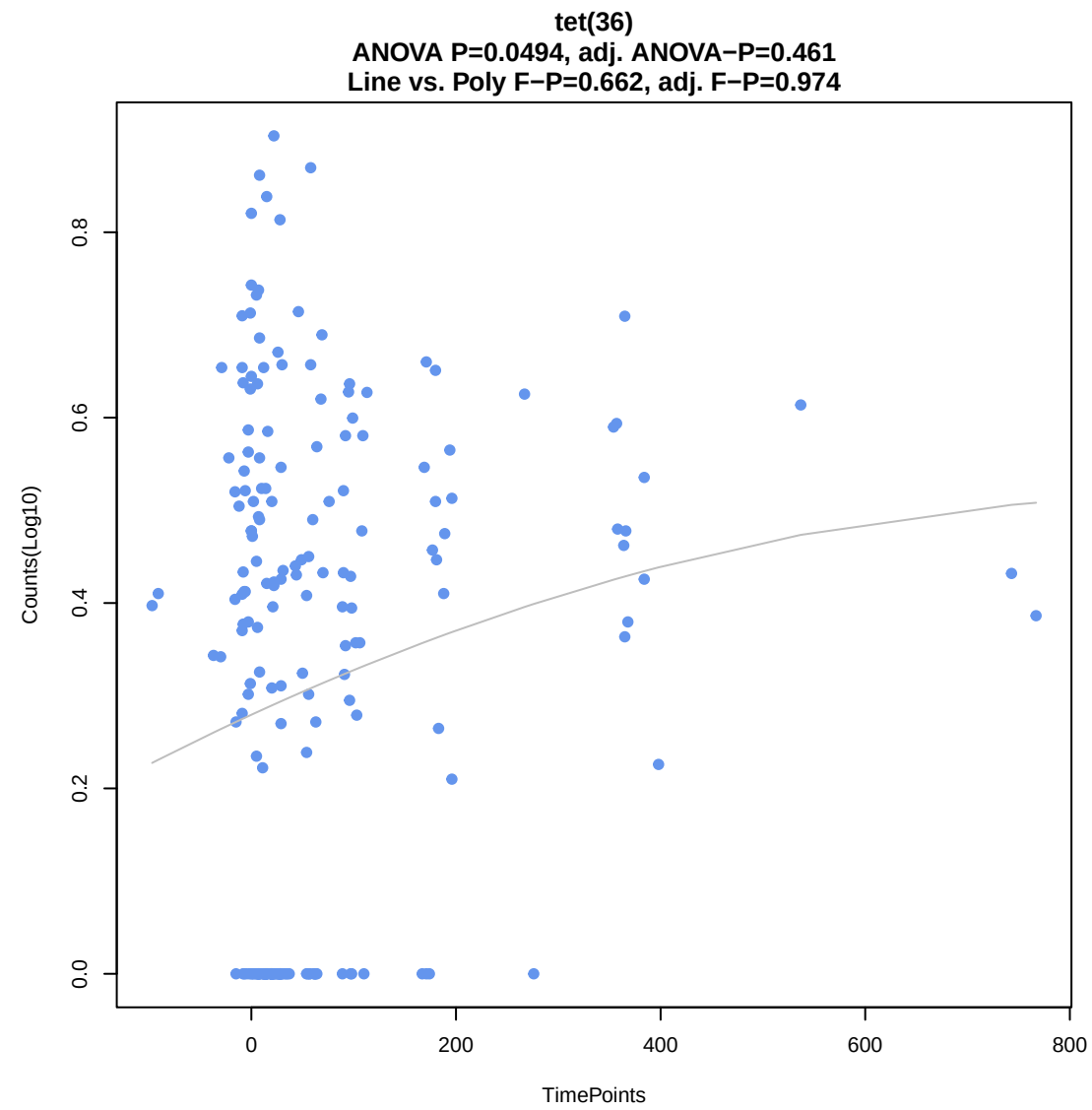

BlaB−16
ANOVA P=0.0148, adj. ANOVA−P=0.315
Line vs. Poly F−P=0.0104, adj. F−P=0.741
Counts(Log10)
TimePoints

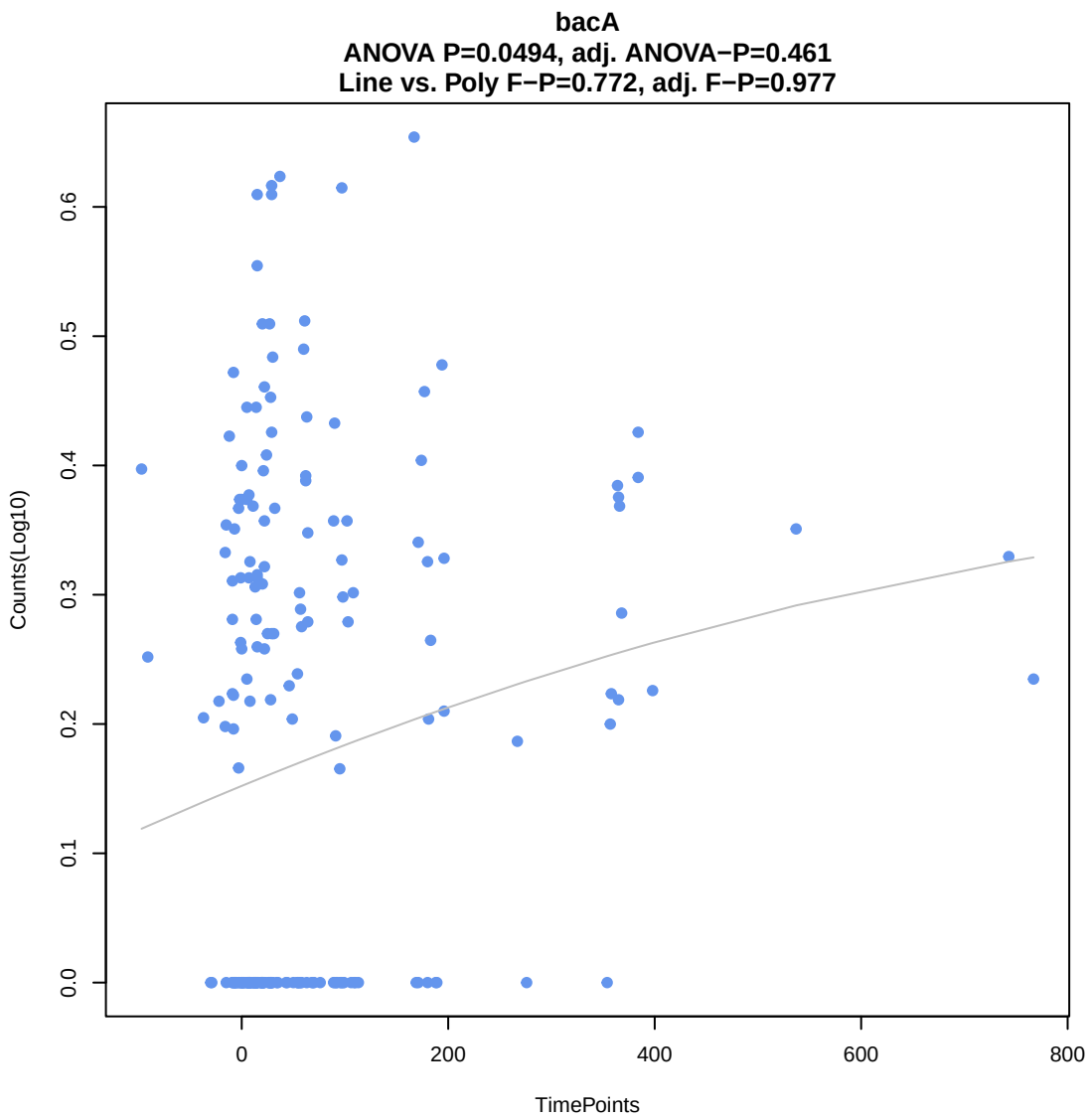

mefH
ANOVA P=0.0206, adj. ANOVA−P=0.315
Line vs. Poly F−P=0.0594, adj. F−P=0.741
Counts(Log10)
TimePoints

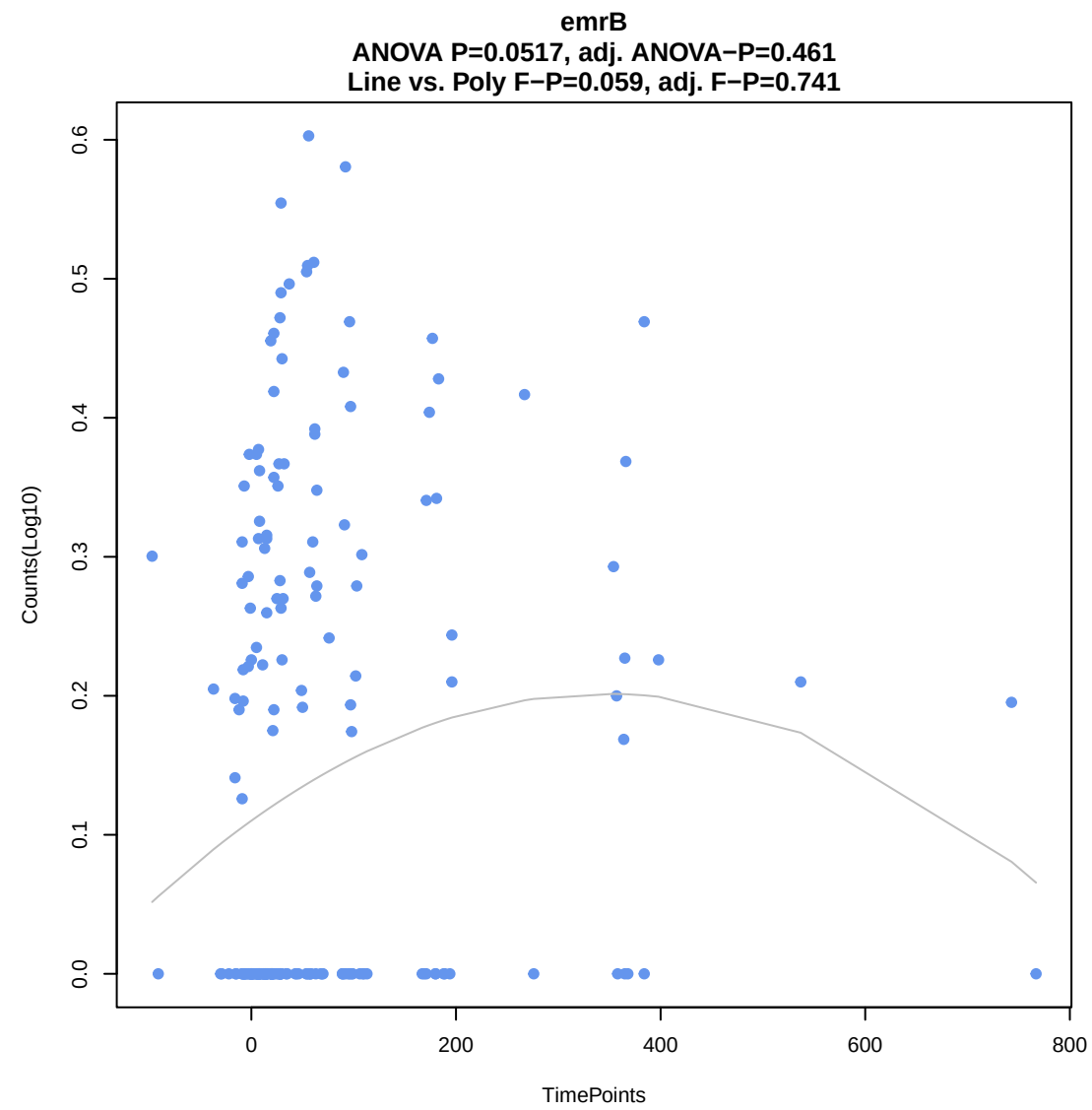

tet(T)
ANOVA P=0.0206, adj. ANOVA−P=0.315
Line vs. Poly F−P=0.737, adj. F−P=0.974
Counts(Log10)
TimePoints


tet(44)
ANOVA P=0.0284, adj. ANOVA−P=0.38
Line vs. Poly F−P=0.12, adj. F−P=0.881
Counts(Log10)
TimePoints

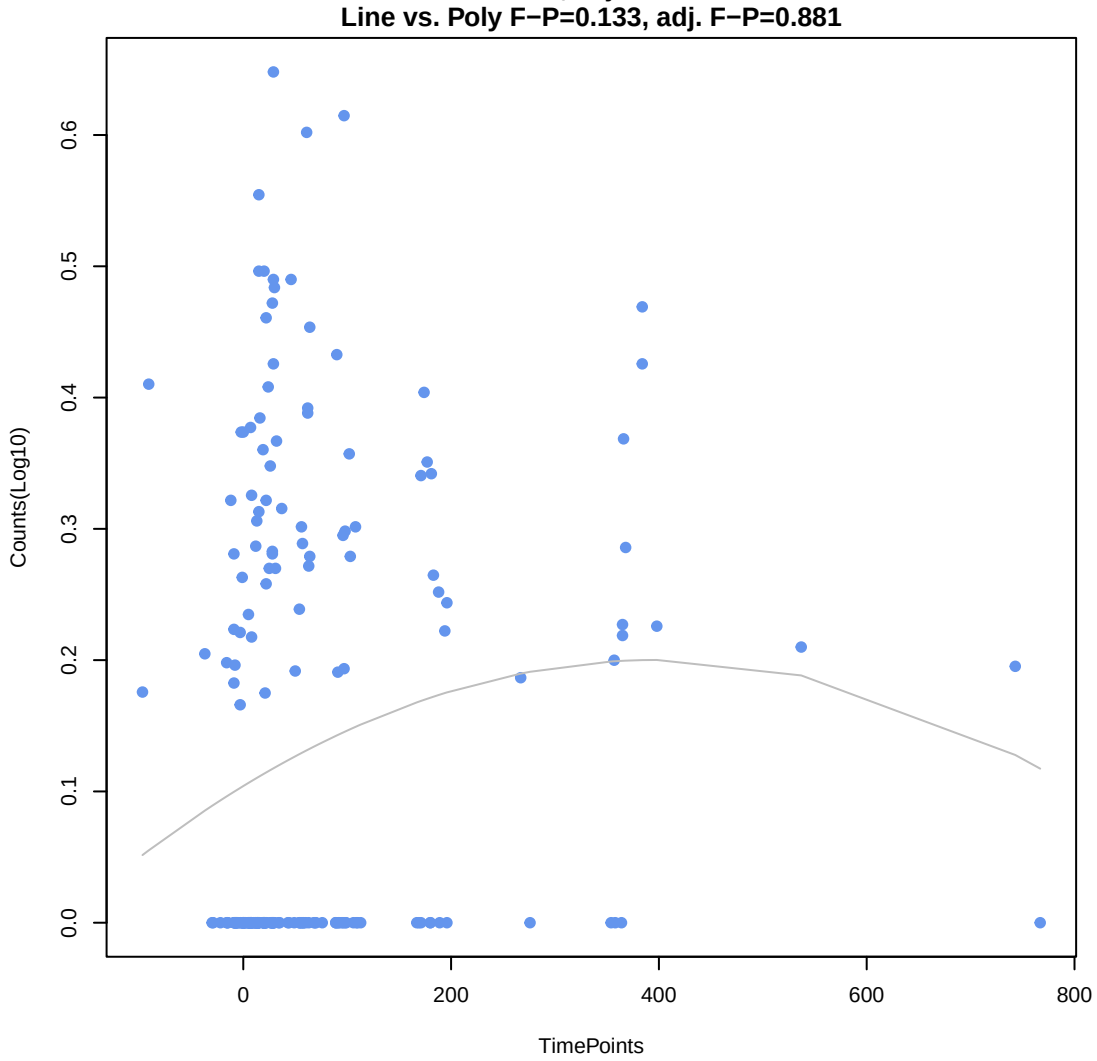

ErmB
ANOVA P=0.035, adj. ANOVA−P=0.416
Line vs. Poly F−P=0.978, adj. F−P=0.988
Counts(Log10)
TimePoints


tet(36)
ANOVA P=0.0494, adj. ANOVA−P=0.461
Line vs. Poly F−P=0.662, adj. F−P=0.974
Counts(Log10)
TimePoints

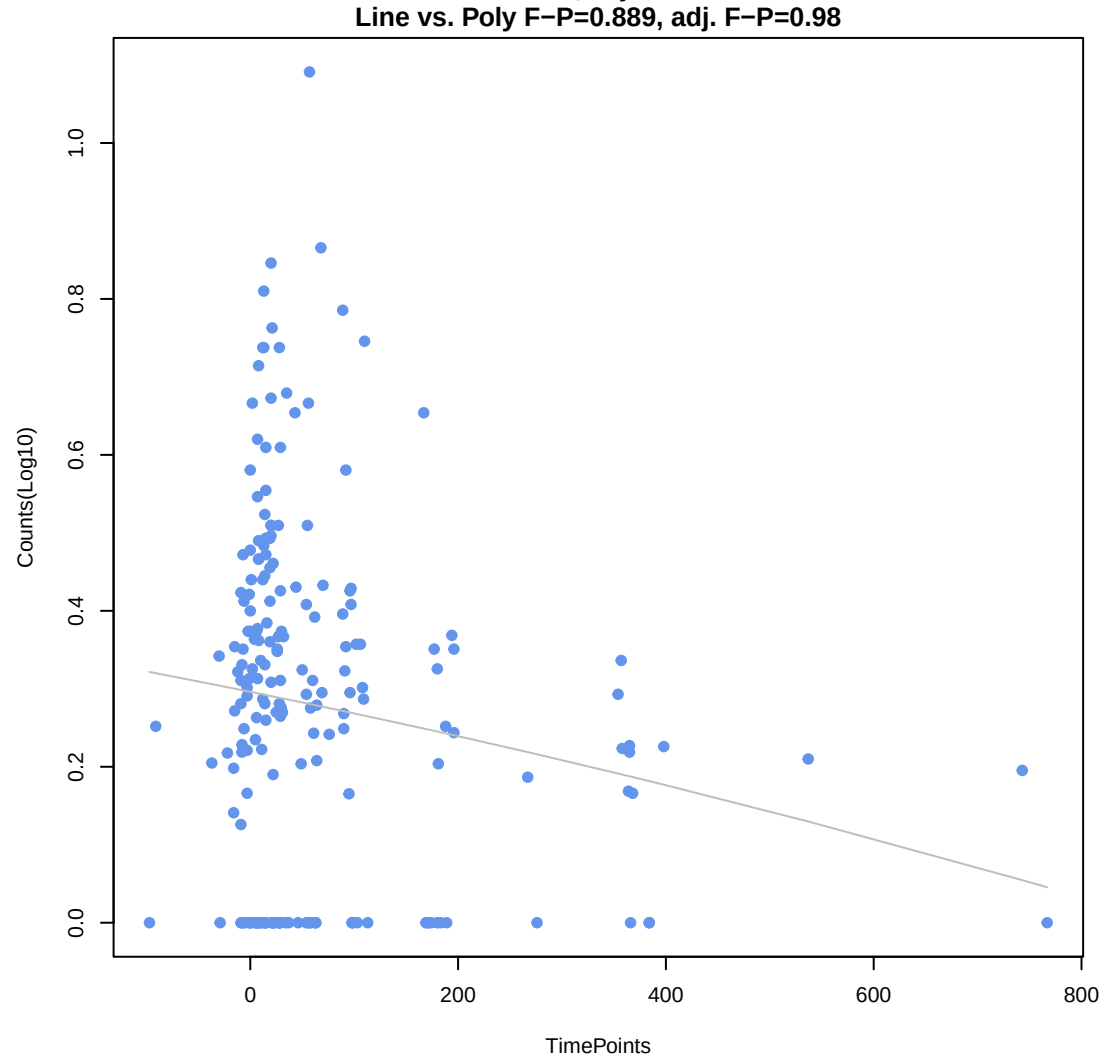

bacA
ANOVA P=0.0494, adj. ANOVA−P=0.461
Line vs. Poly F−P=0.772, adj. F−P=0.977
Counts(Log10)
TimePoints


emrB
ANOVA P=0.0517, adj. ANOVA−P=0.461
Line vs. Poly F−P=0.059, adj. F−P=0.741
Counts(Log10)
TimePoints

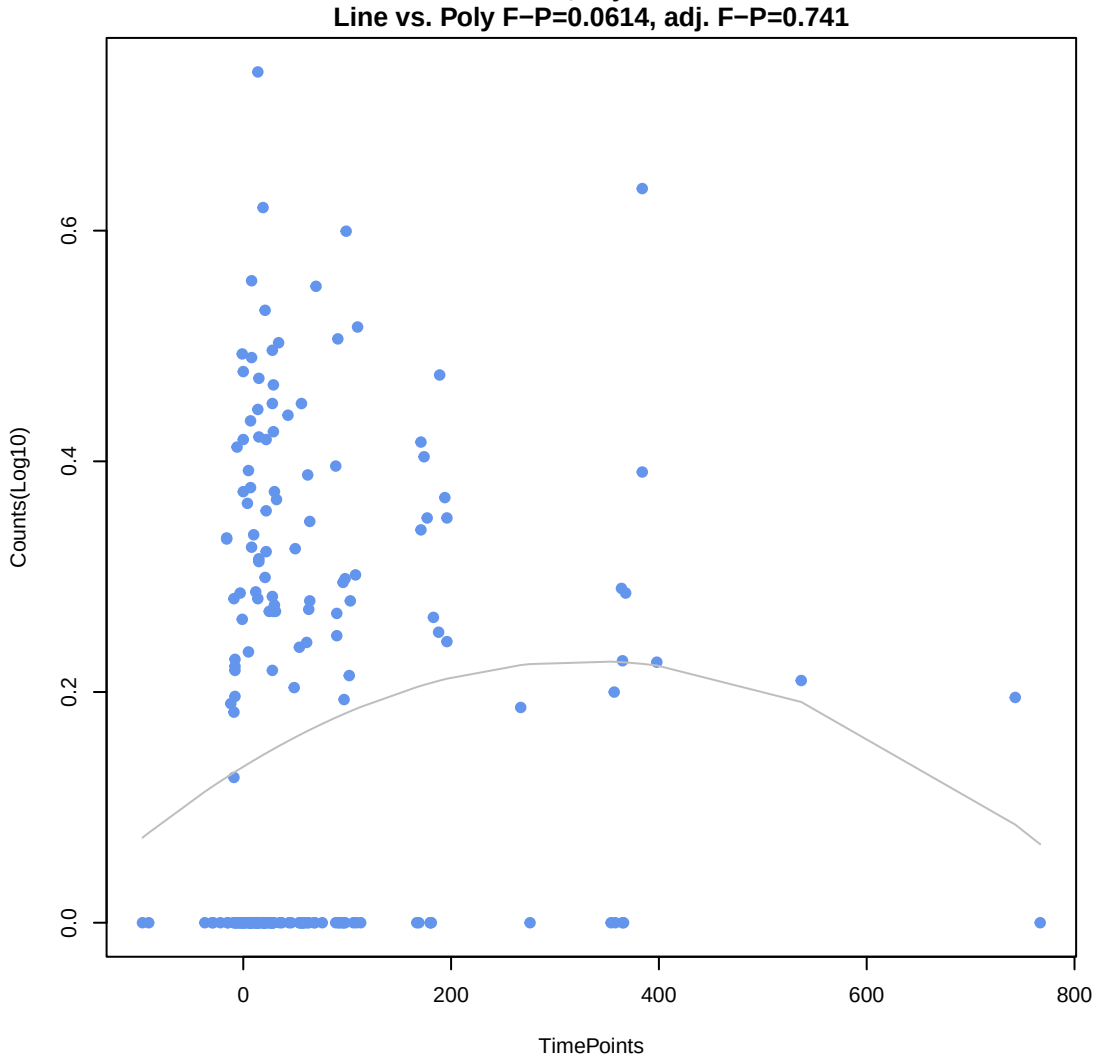
scherichia coli AcrAB−TolC with MarR mutations conferring resistance to ciprofloxacin and
ANOVA P=0.0575, adj. ANOVA−P=0.473
Line vs. Poly F−P=0.133, adj. F−P=0.881



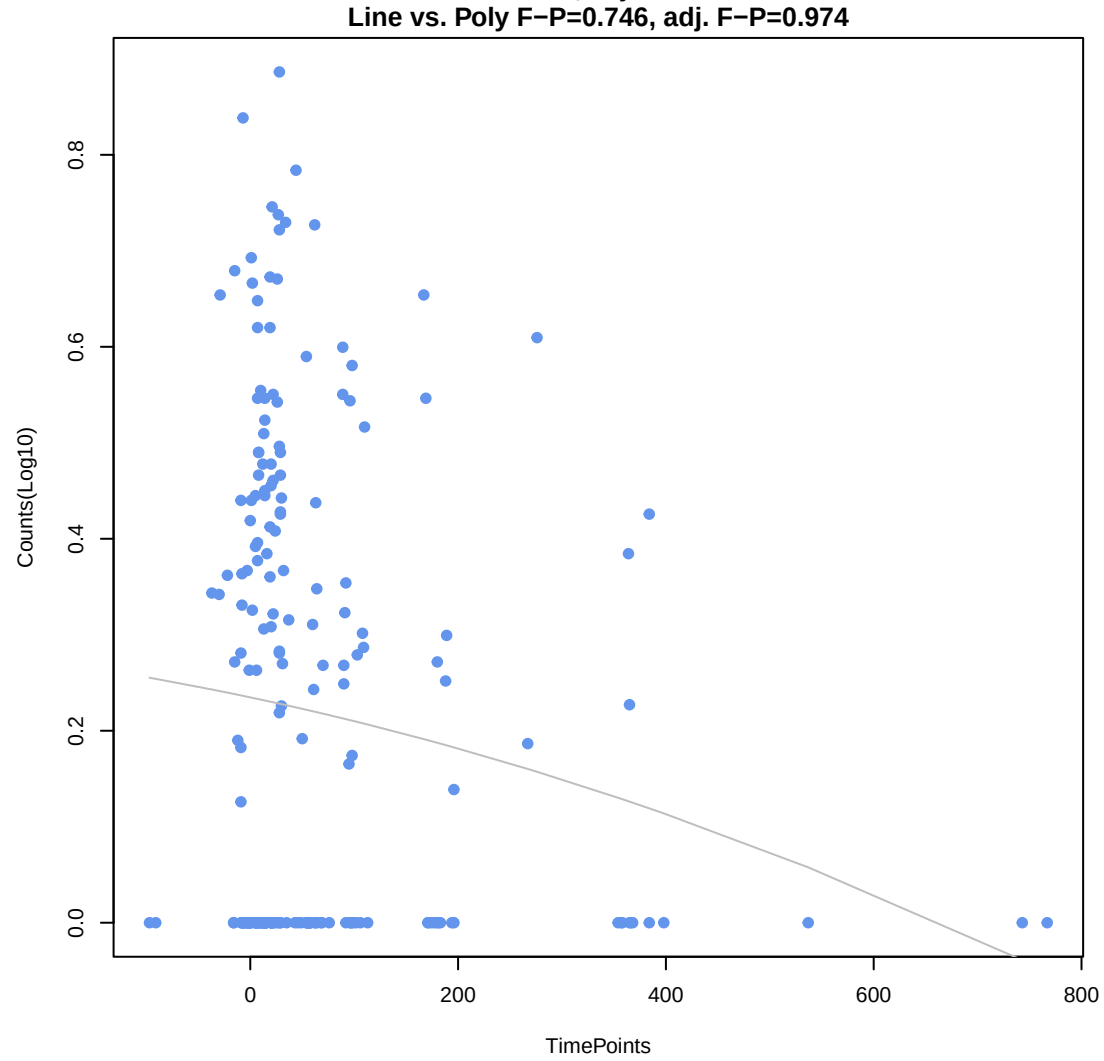
ErmF
ANOVA P=0.0653, adj. ANOVA−P=0.48
Line vs. Poly F−P=0.889, adj. F−P=0.98



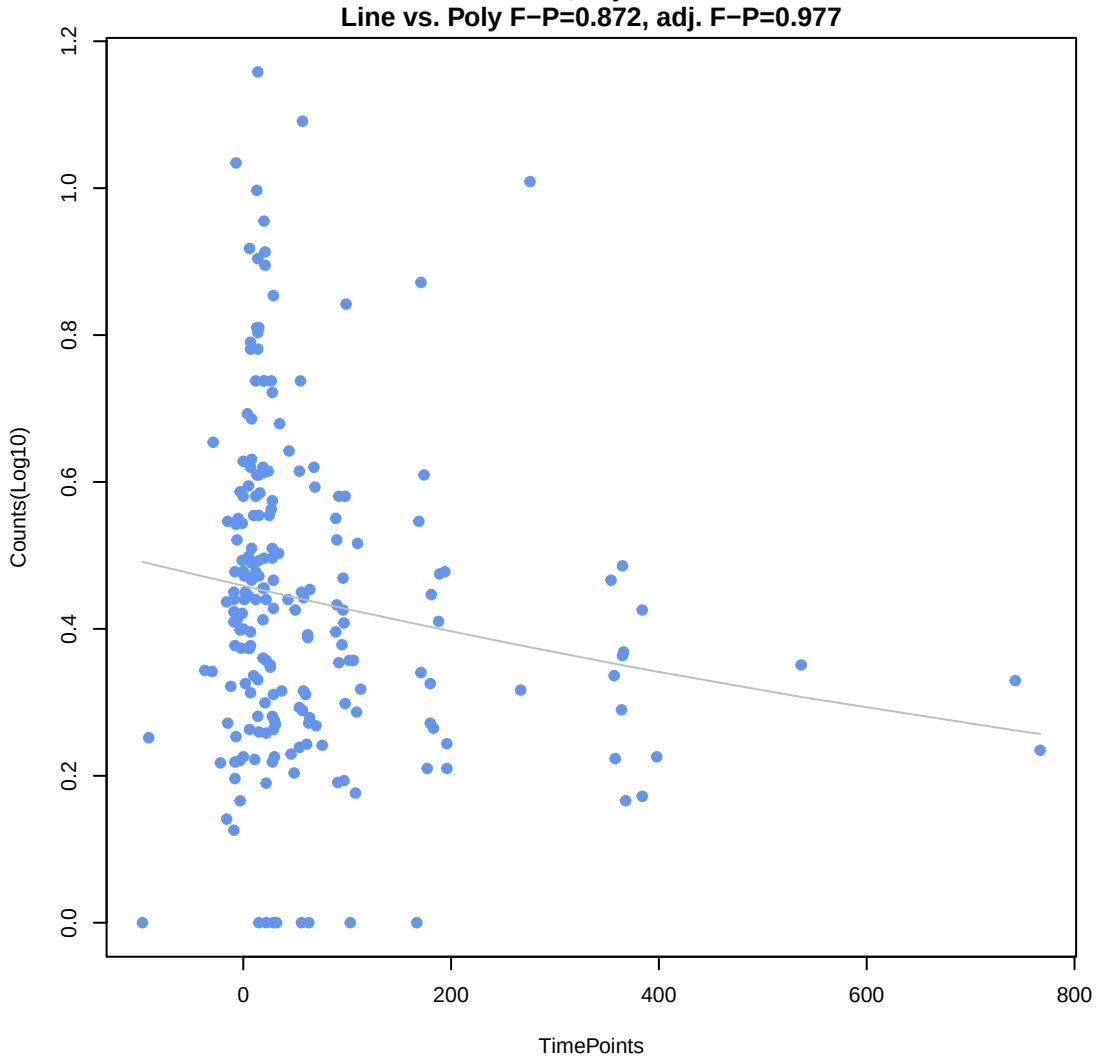
mdtM
ANOVA P=0.0744, adj. ANOVA−P=0.48
Line vs. Poly F−P=0.0614, adj. F−P=0.741



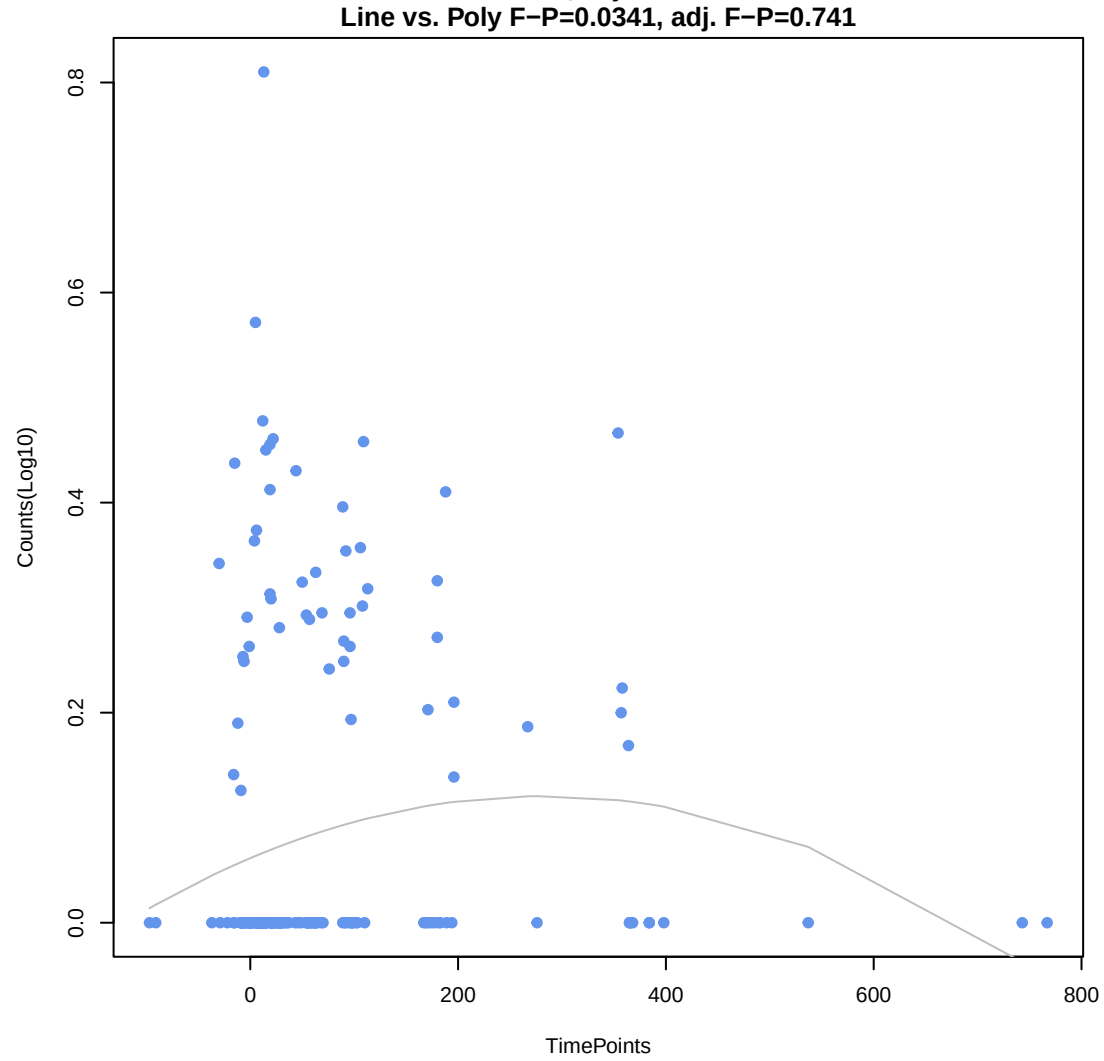
vanH gene in vanA cluster
ANOVA P=0.0759, adj. ANOVA−P=0.48
Line vs. Poly F−P=0.746, adj. F−P=0.974

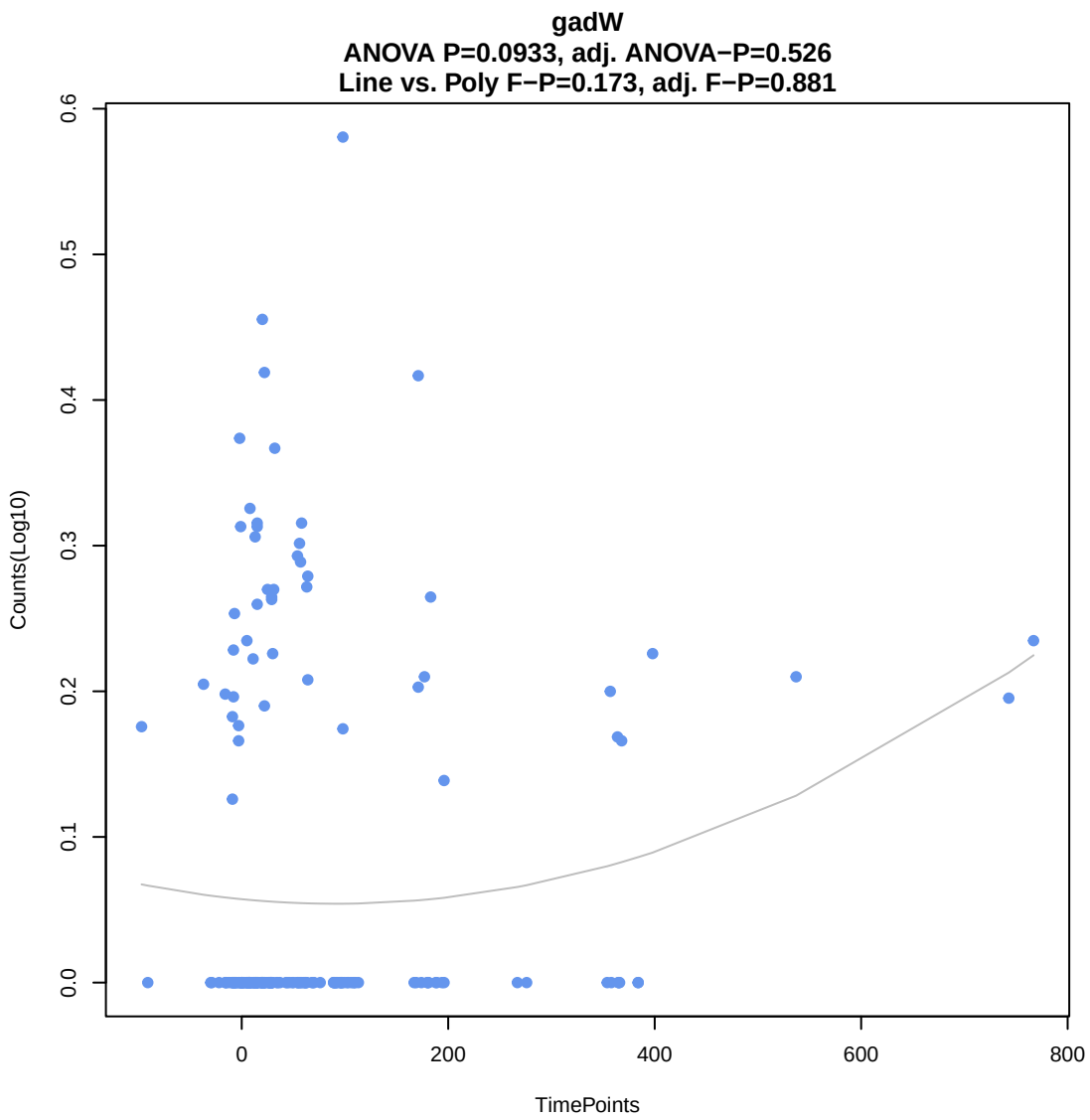


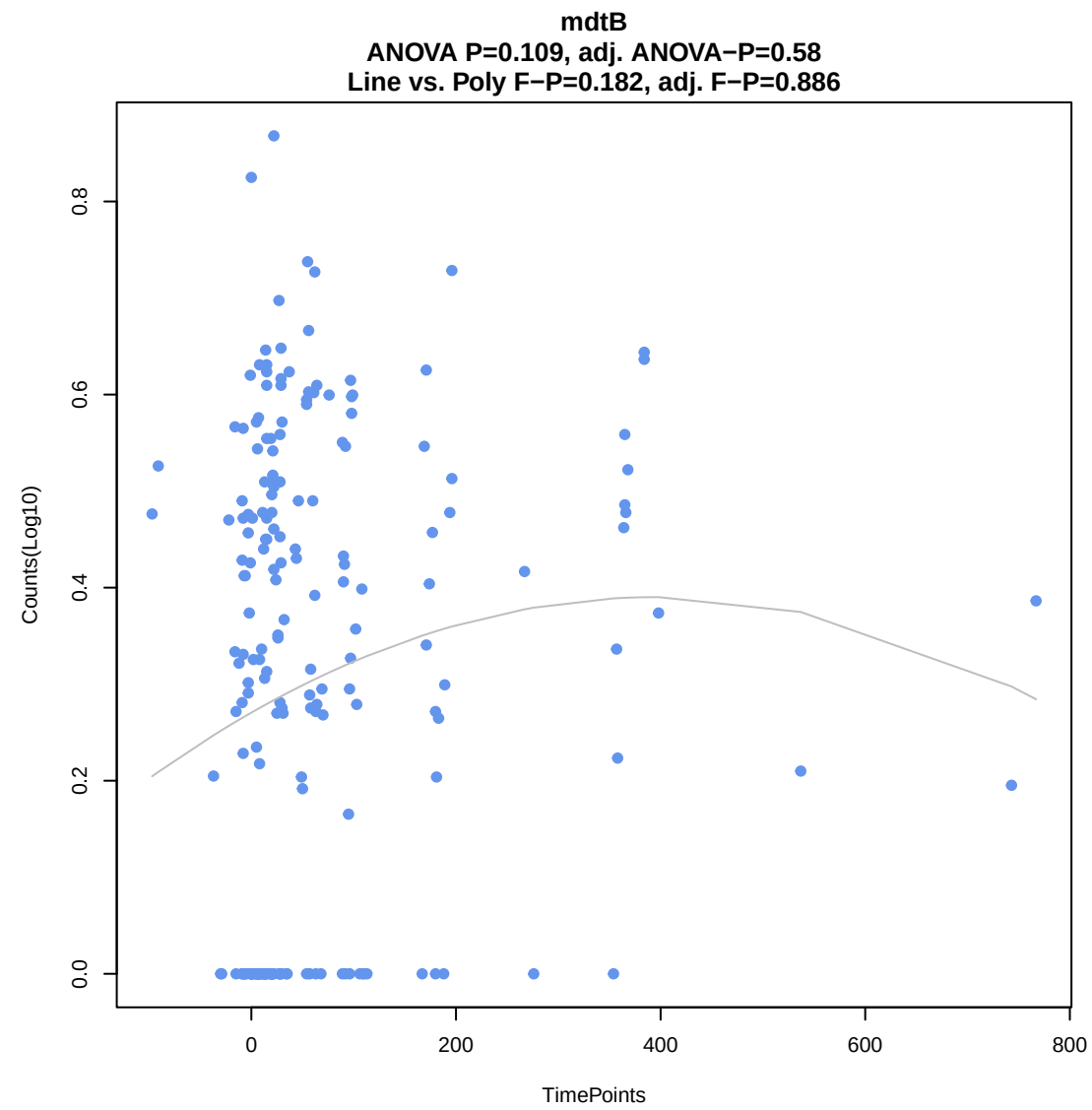
tet(W)
ANOVA P=0.0763, adj. ANOVA−P=0.48
Line vs. Poly F−P=0.872, adj. F−P=0.977

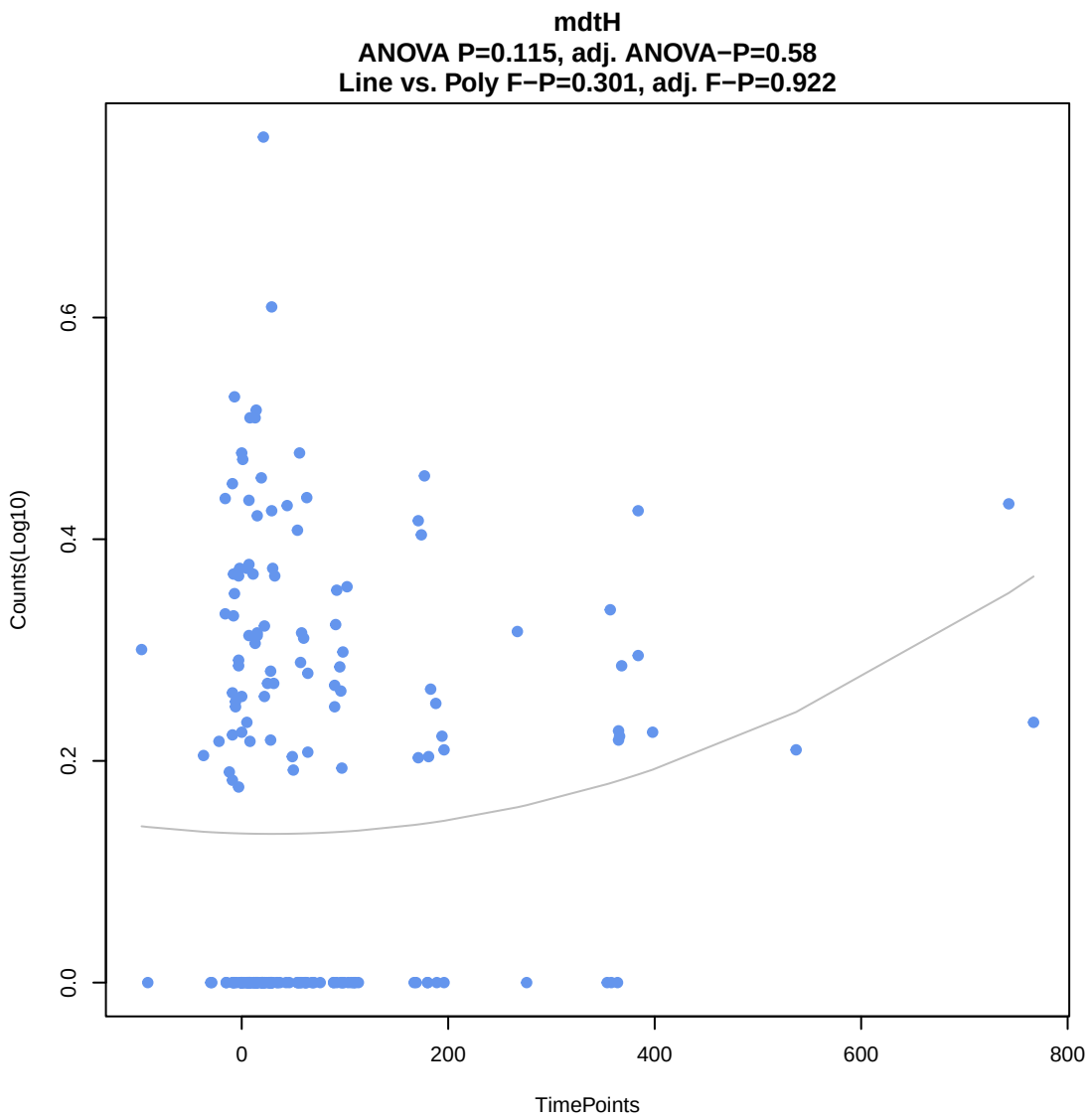


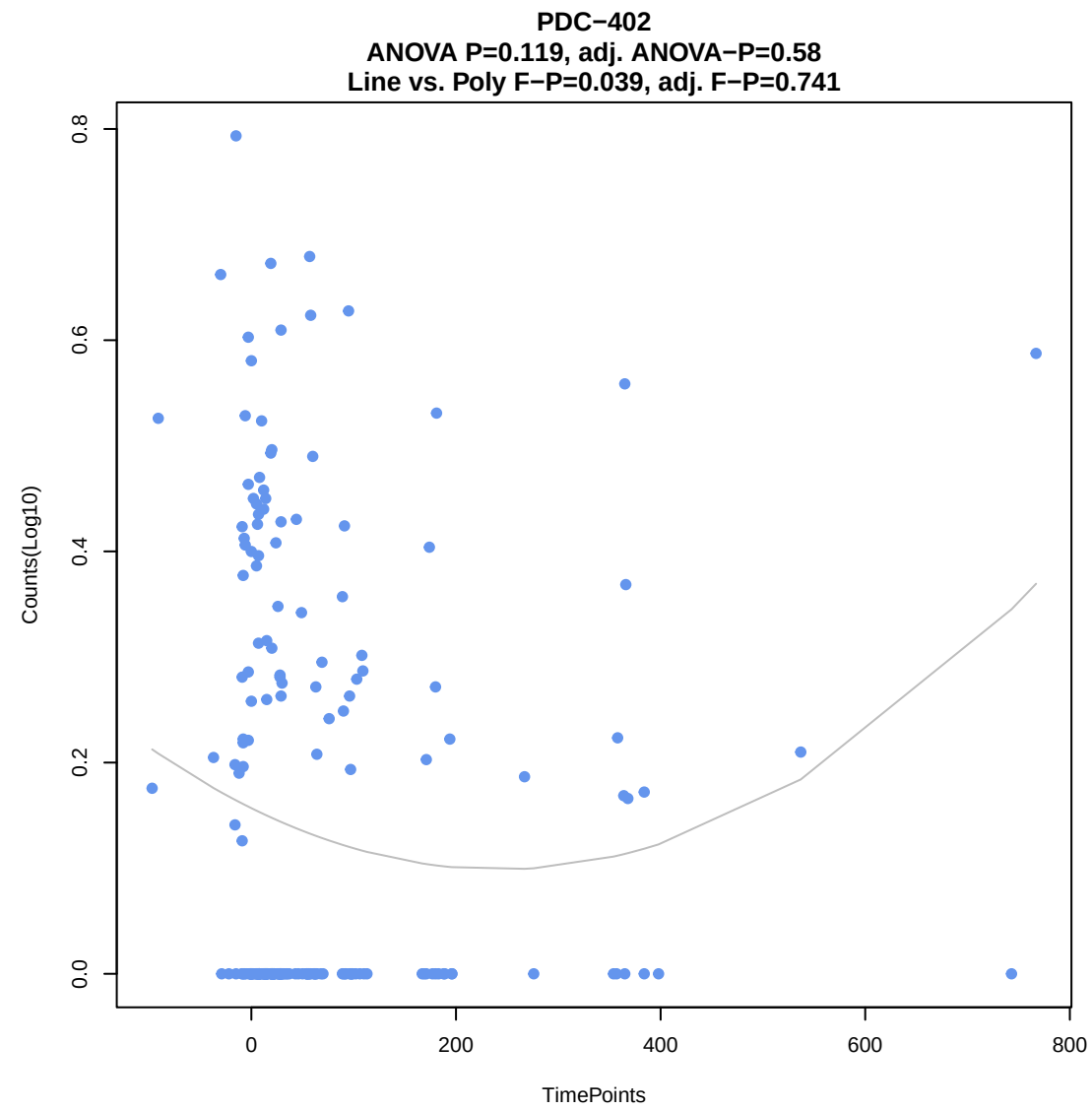
vanR gene in vanE cluster
ANOVA P=0.0871, adj. ANOVA−P=0.518
Line vs. Poly F−P=0.0341, adj. F−P=0.741

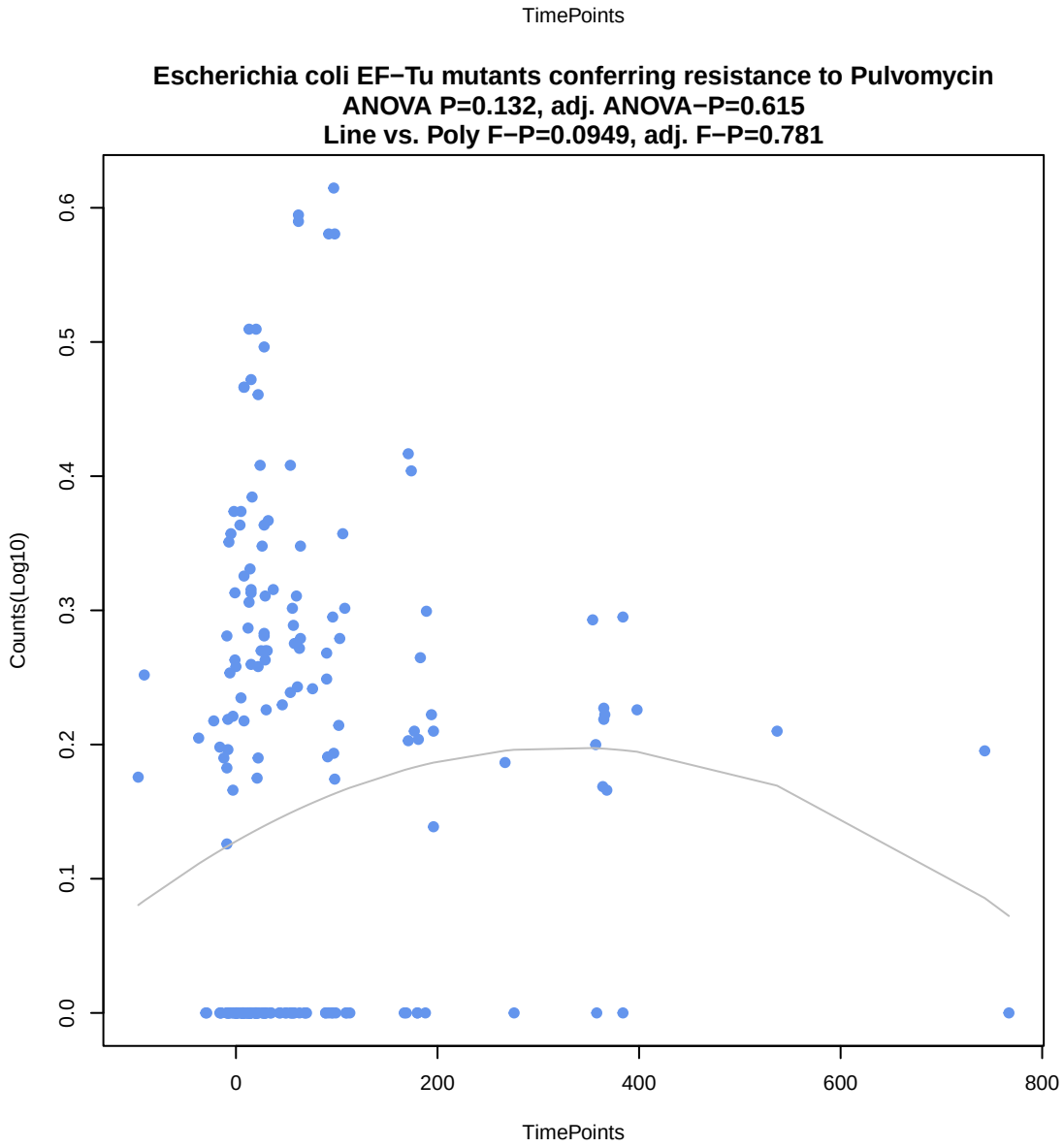


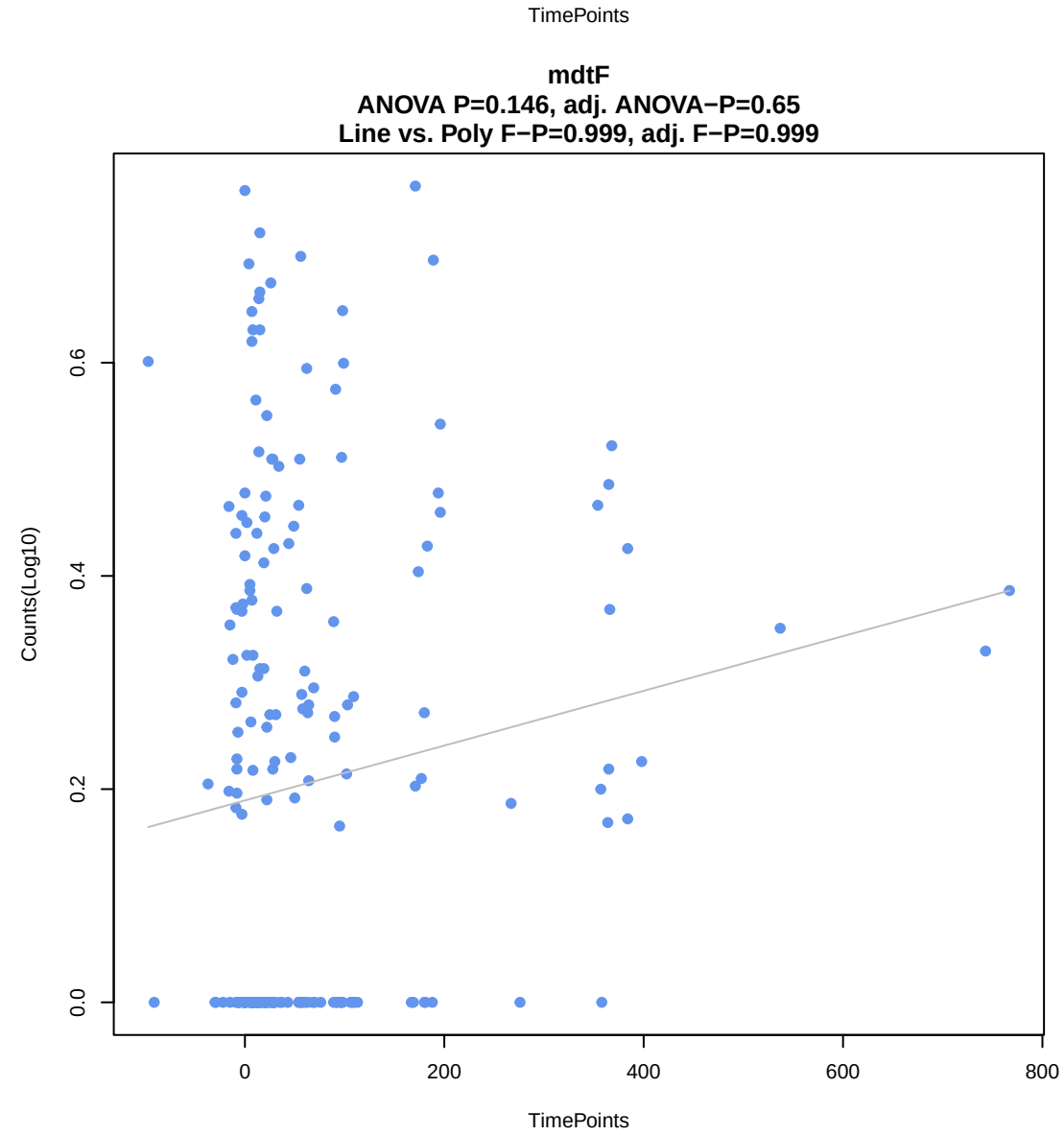

gadW
ANOVA P=0.0933, adj. ANOVA−P=0.526
Line vs. Poly F−P=0.173, adj. F−P=0.881
Counts(Log10)
TimePoints

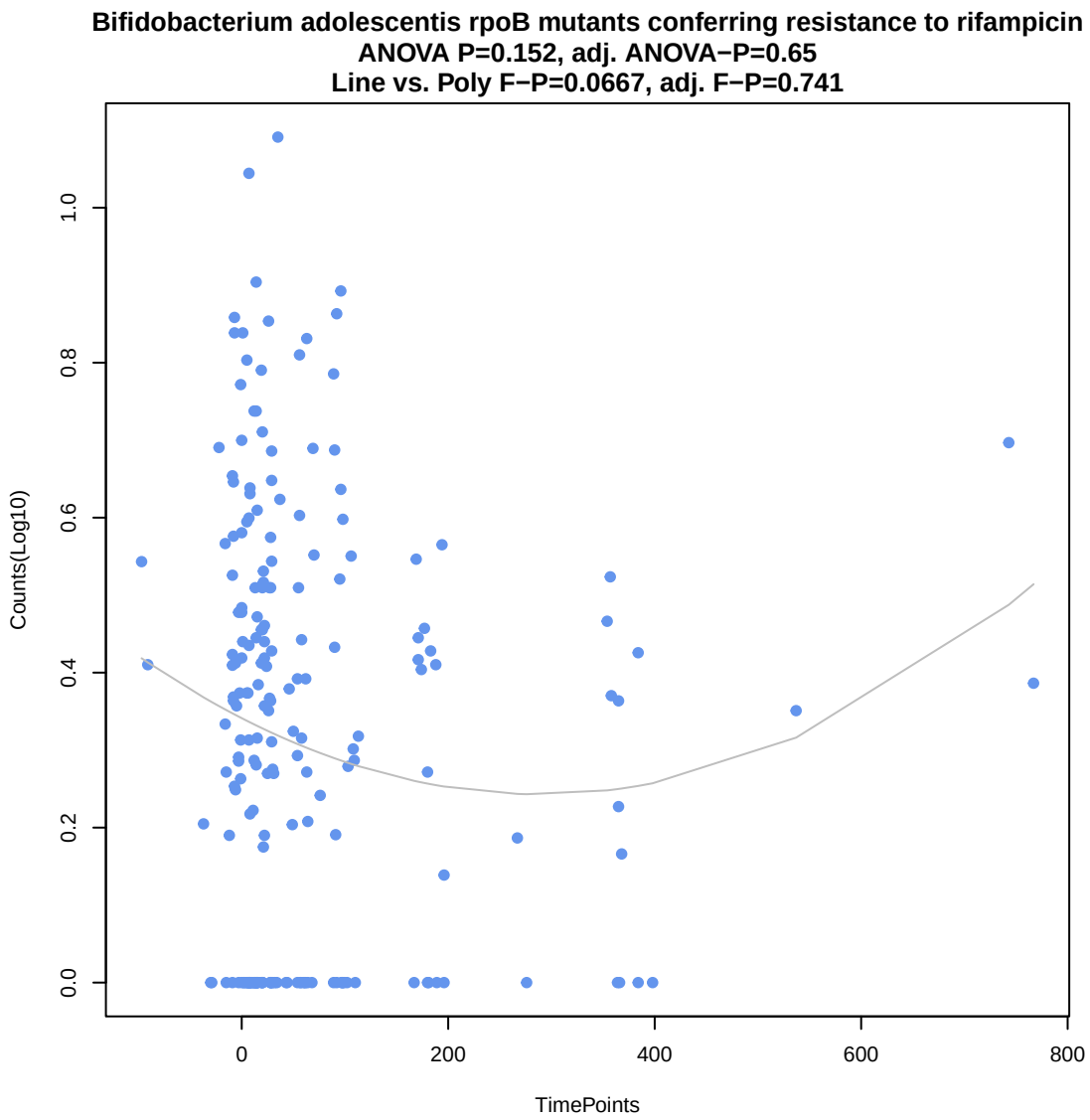

mdtB
ANOVA P=0.109, adj. ANOVA−P=0.58
Line vs. Poly F−P=0.182, adj. F−P=0.886
Counts(Log10)
TimePoints

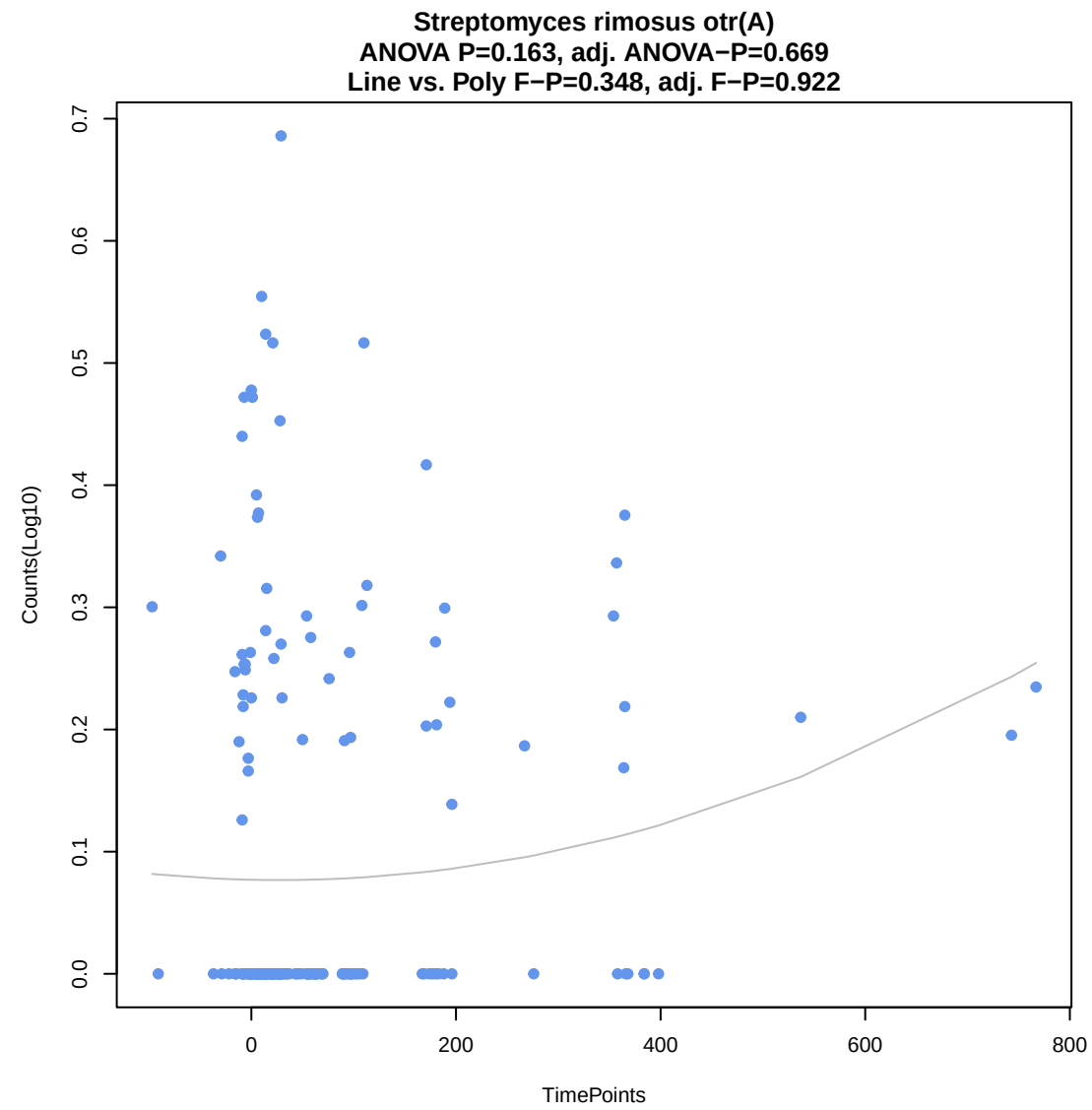

mdtH
ANOVA P=0.115, adj. ANOVA−P=0.58
Line vs. Poly F−P=0.301, adj. F−P=0.922
Counts(Log10)
TimePoints

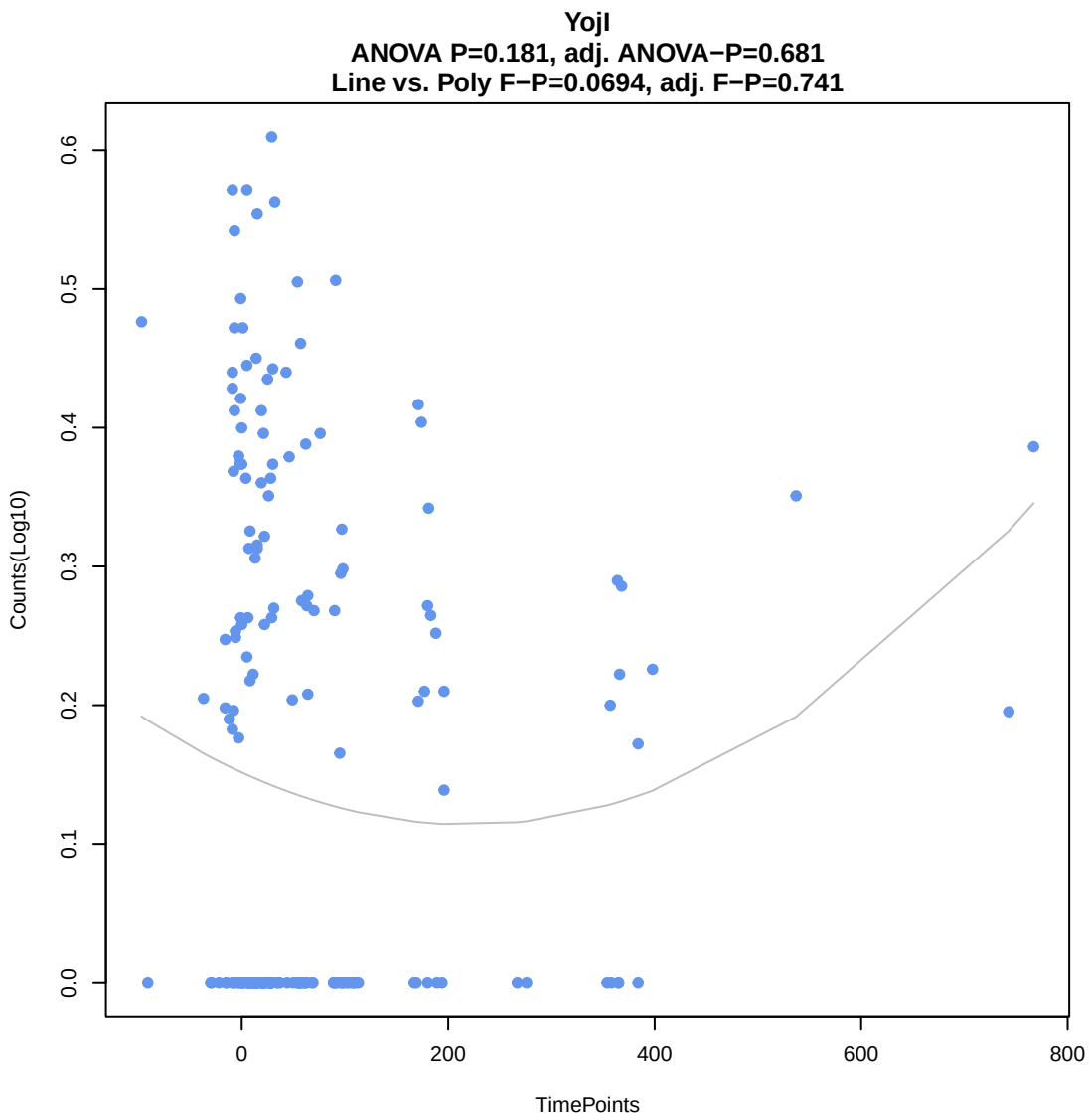

PDC−402
ANOVA P=0.119, adj. ANOVA−P=0.58
Line vs. Poly F−P=0.039, adj. F−P=0.741
Counts(Log10)
TimePoints

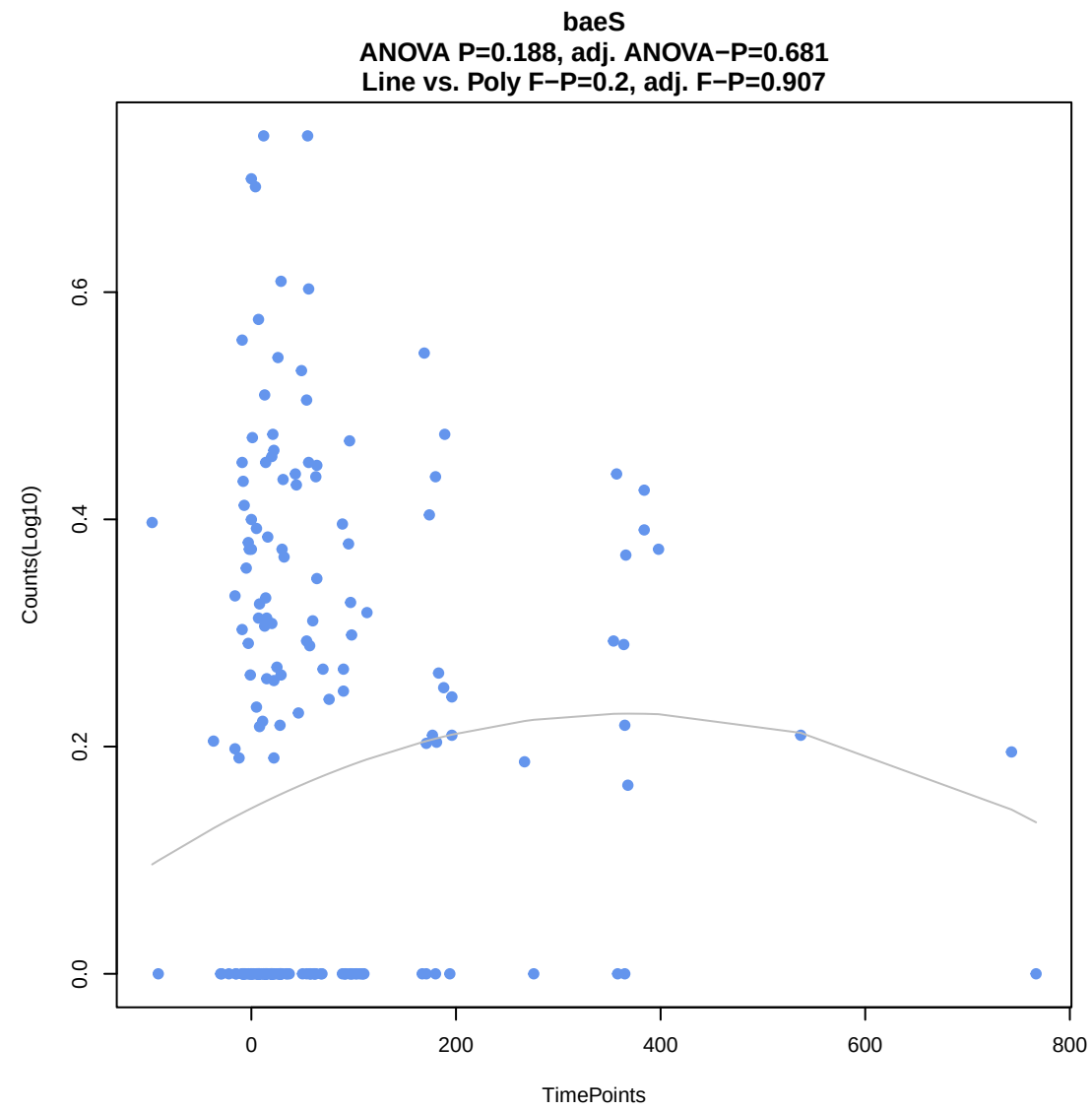

Escherichia coli EF−Tu mutants conferring resistance to Pulvomycin
ANOVA P=0.132, adj. ANOVA−P=0.615
Line vs. Poly F−P=0.0949, adj. F−P=0.781
Counts(Log10)
TimePoints

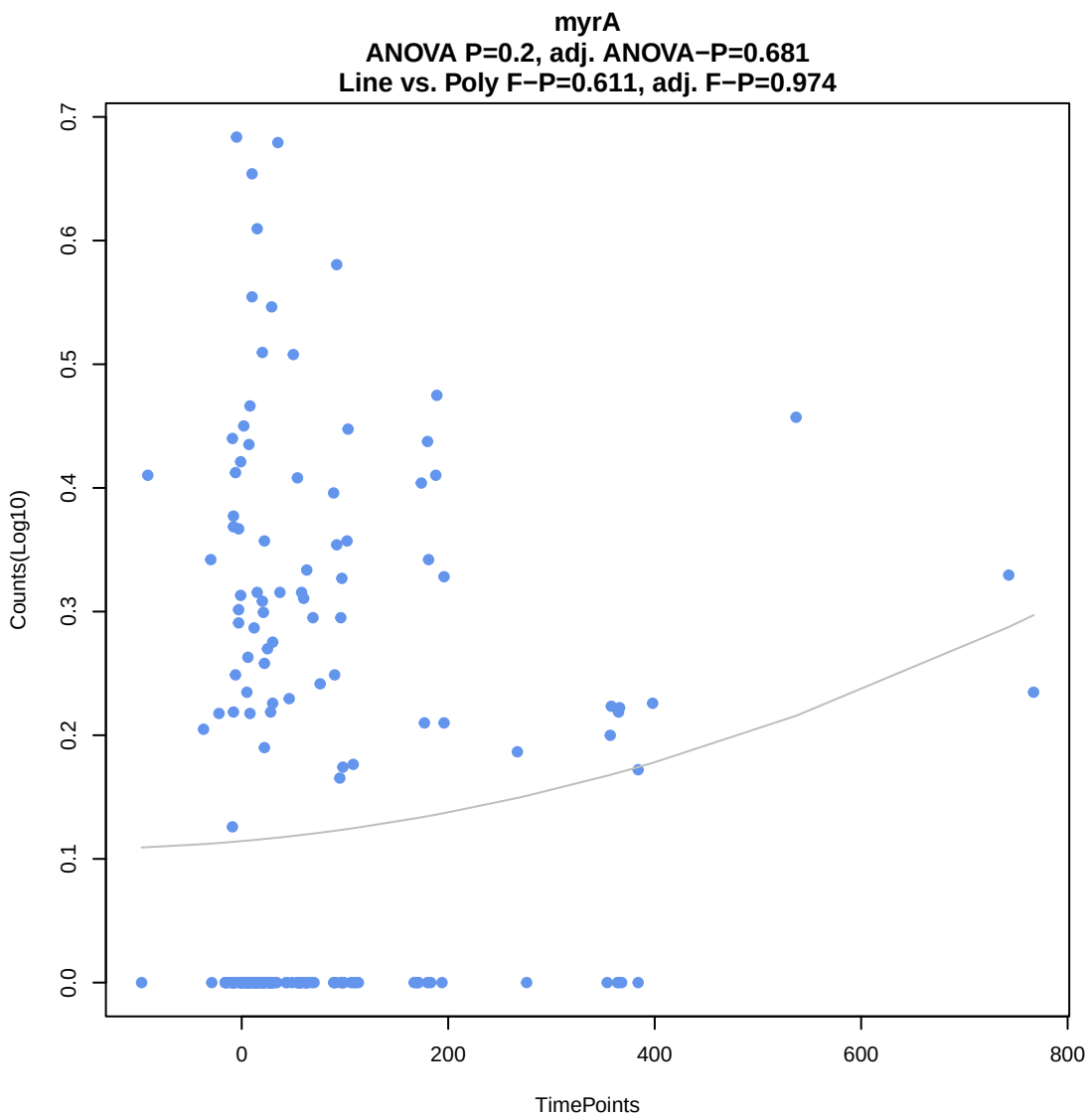

mdtF
ANOVA P=0.146, adj. ANOVA−P=0.65
Line vs. Poly F−P=0.999, adj. F−P=0.999
Counts(Log10)
TimePoints

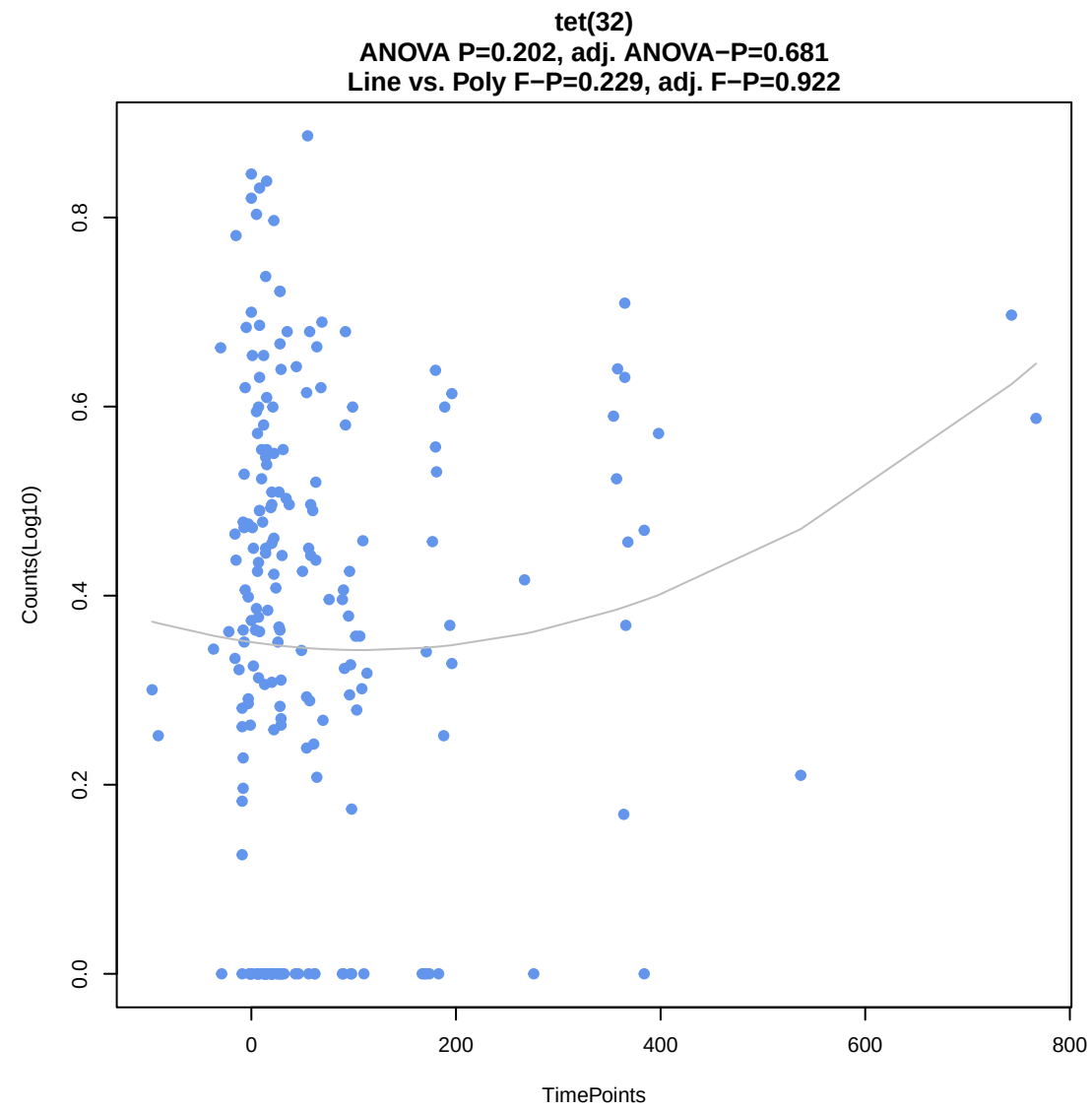

Bifidobacterium adolescentis rpoB mutants conferring resistance to rifampicin
ANOVA P=0.152, adj. ANOVA−P=0.65
Line vs. Poly F−P=0.0667, adj. F−P=0.741
Counts(Log10)
TimePoints

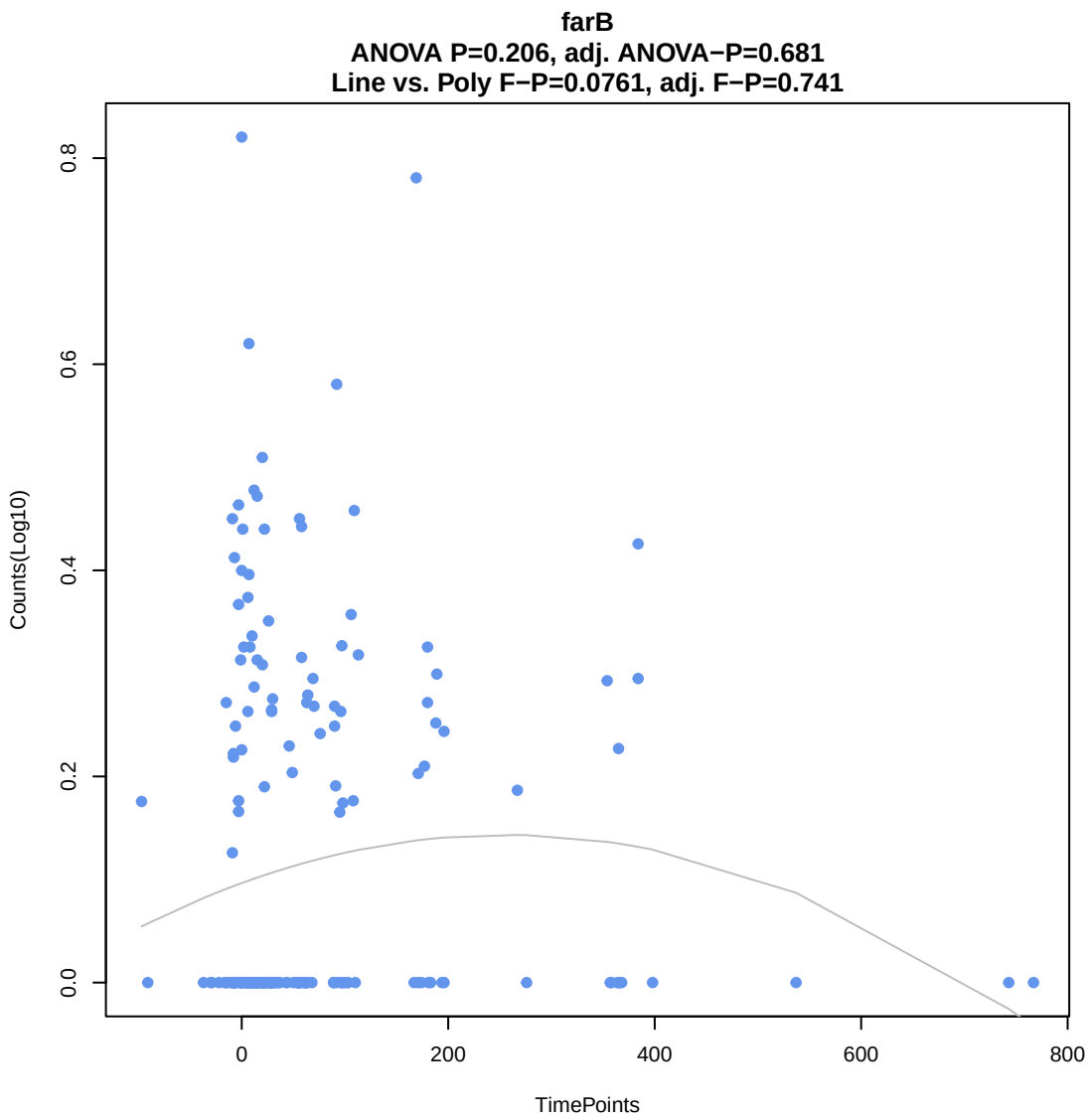

Streptomyces rimosus otr(A)
ANOVA P=0.163, adj. ANOVA−P=0.669
Line vs. Poly F−P=0.348, adj. F−P=0.922
Counts(Log10)
TimePoints

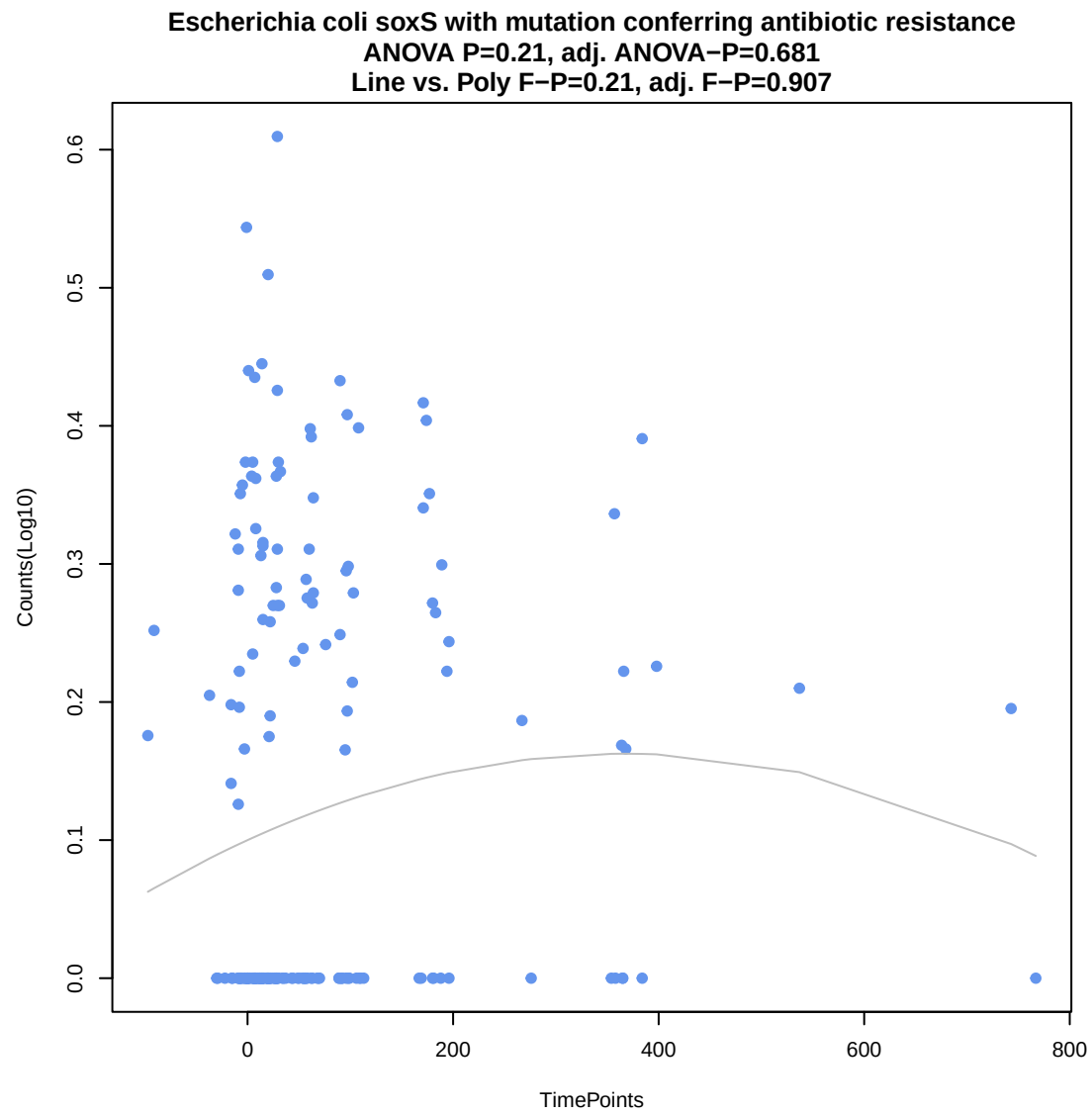

YojI
ANOVA P=0.181, adj. ANOVA−P=0.681
Line vs. Poly F−P=0.0694, adj. F−P=0.741
Counts(Log10)
TimePoints

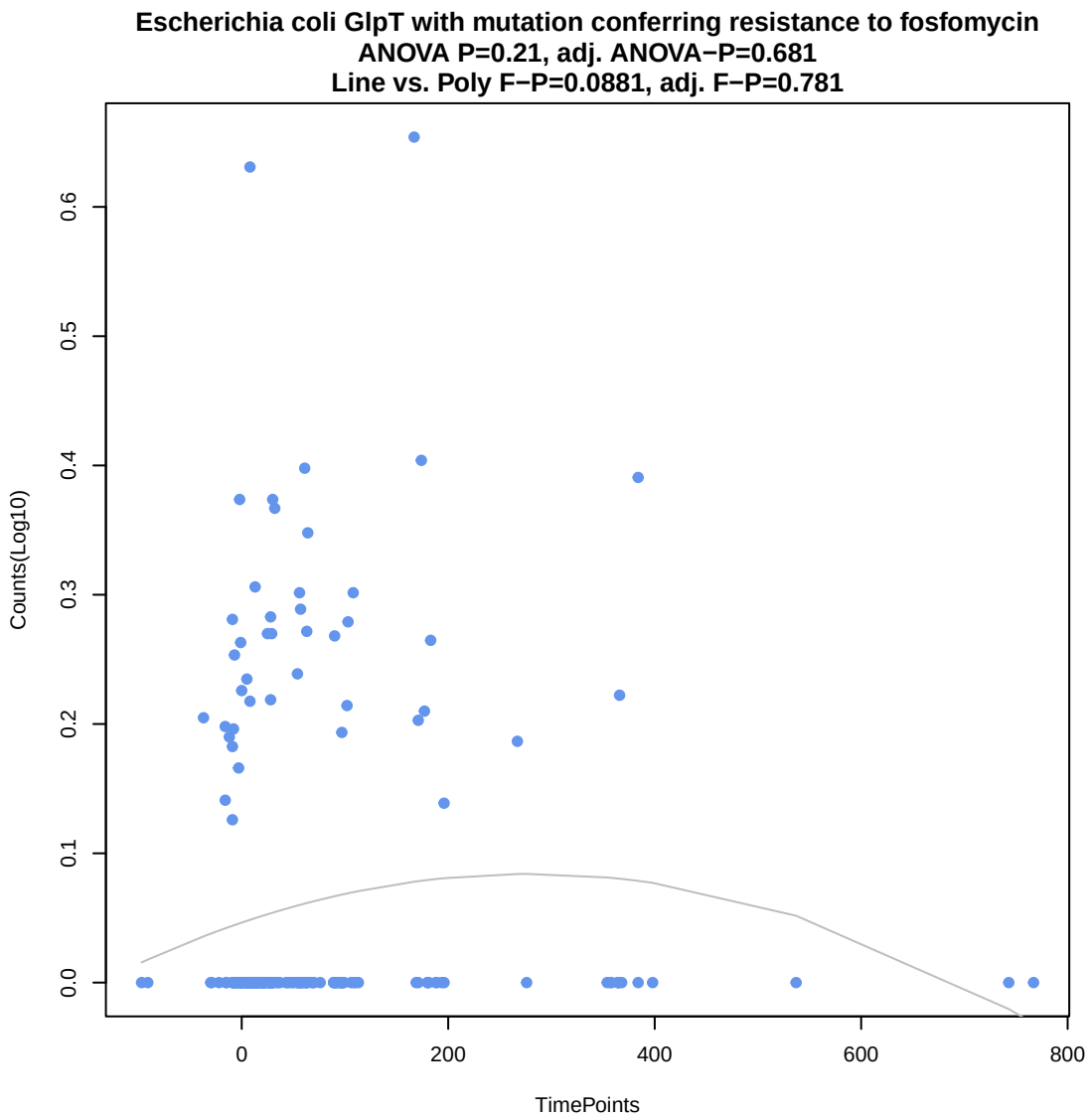

baeS
ANOVA P=0.188, adj. ANOVA−P=0.681
Line vs. Poly F−P=0.2, adj. F−P=0.907
Counts(Log10)
TimePoints

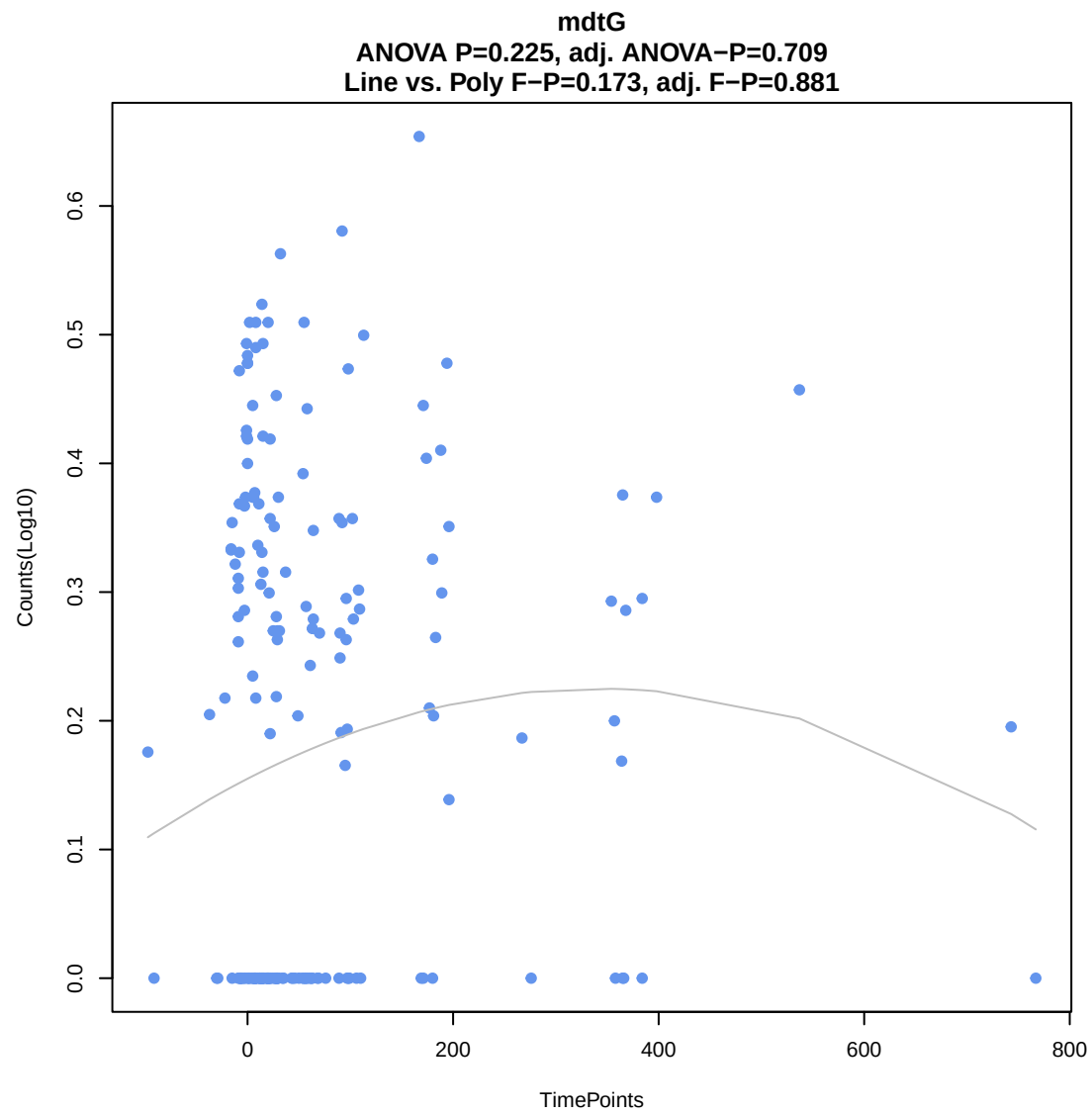

myrA
ANOVA P=0.2, adj. ANOVA−P=0.681
Line vs. Poly F−P=0.611, adj. F−P=0.974
Counts(Log10)
TimePoints

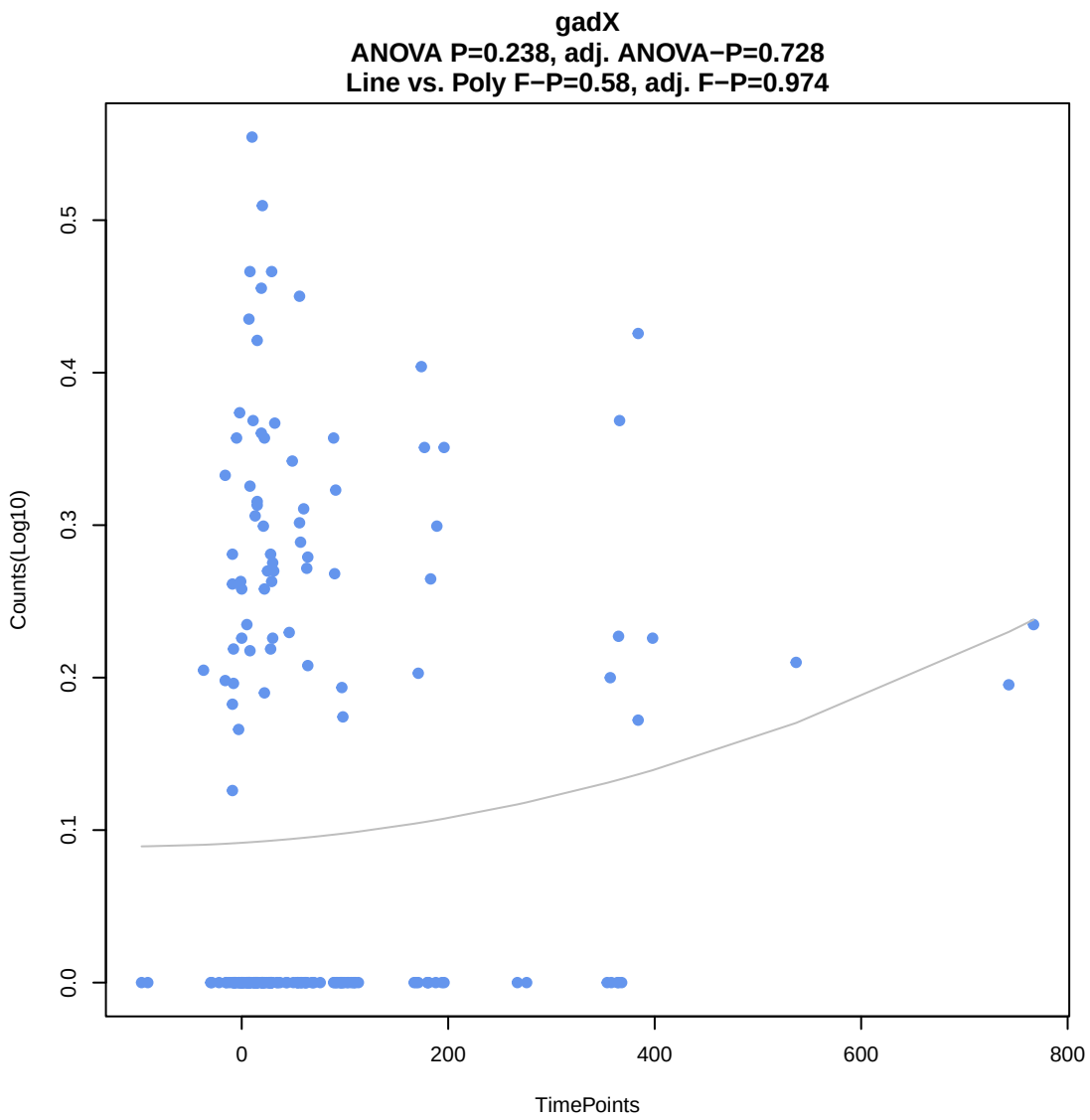

tet(32)
ANOVA P=0.202, adj. ANOVA−P=0.681
Line vs. Poly F−P=0.229, adj. F−P=0.922
Counts(Log10)
TimePoints

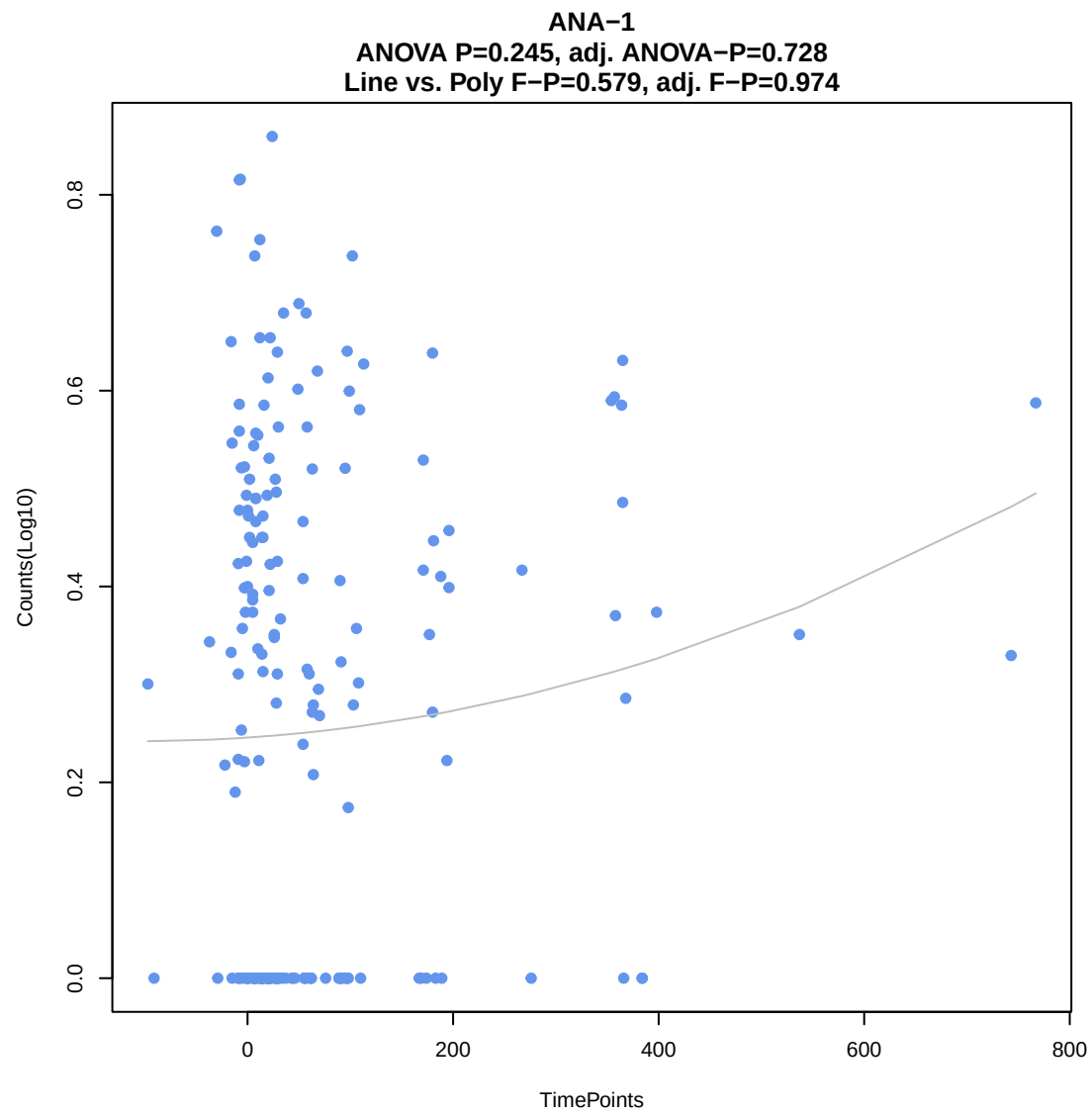

farB
ANOVA P=0.206, adj. ANOVA−P=0.681
Line vs. Poly F−P=0.0761, adj. F−P=0.741
Counts(Log10)
TimePoints

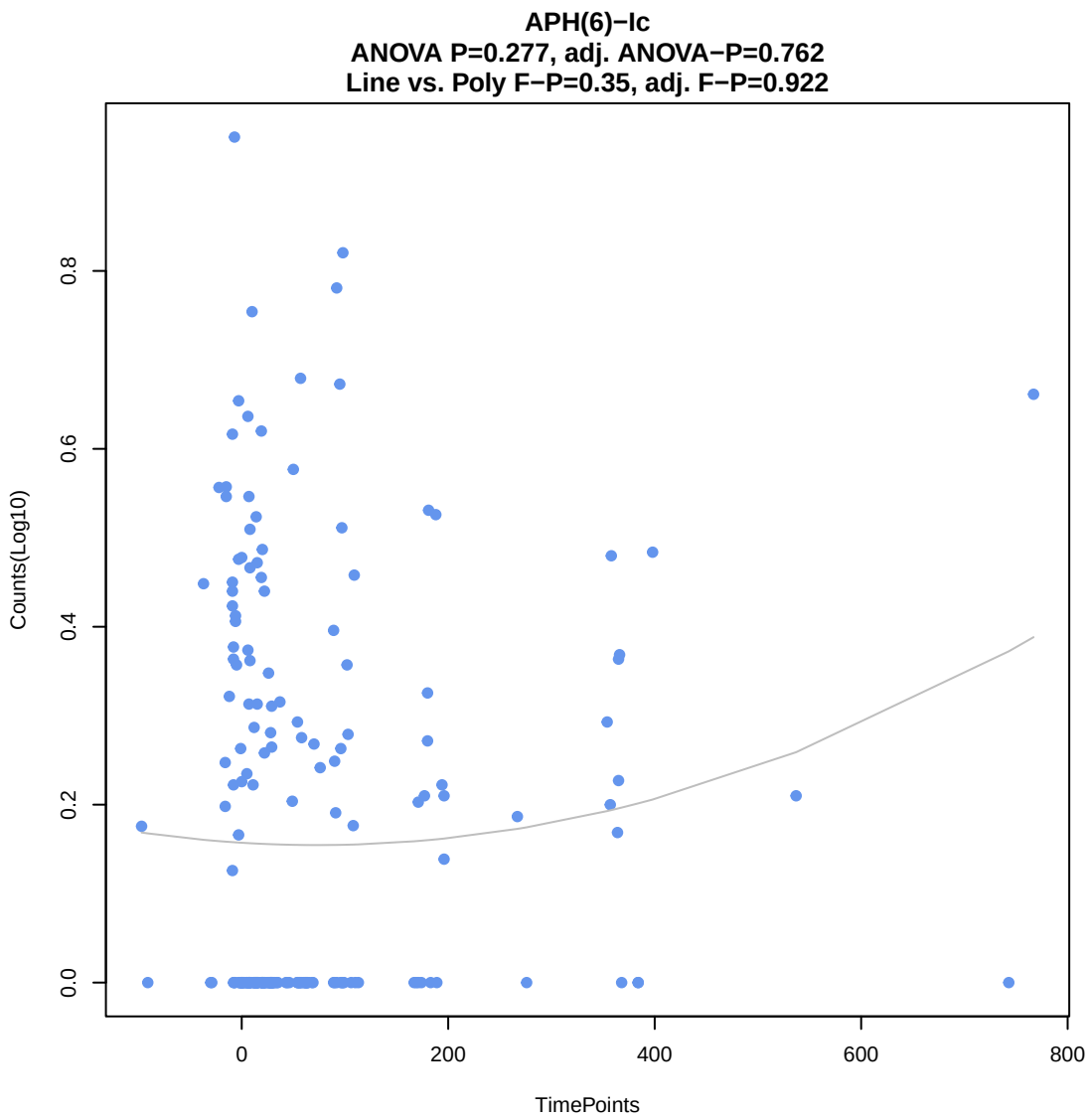

Escherichia coli soxS with mutation conferring antibiotic resistance
ANOVA P=0.21, adj. ANOVA−P=0.681
Line vs. Poly F−P=0.21, adj. F−P=0.907
Counts(Log10)
TimePoints

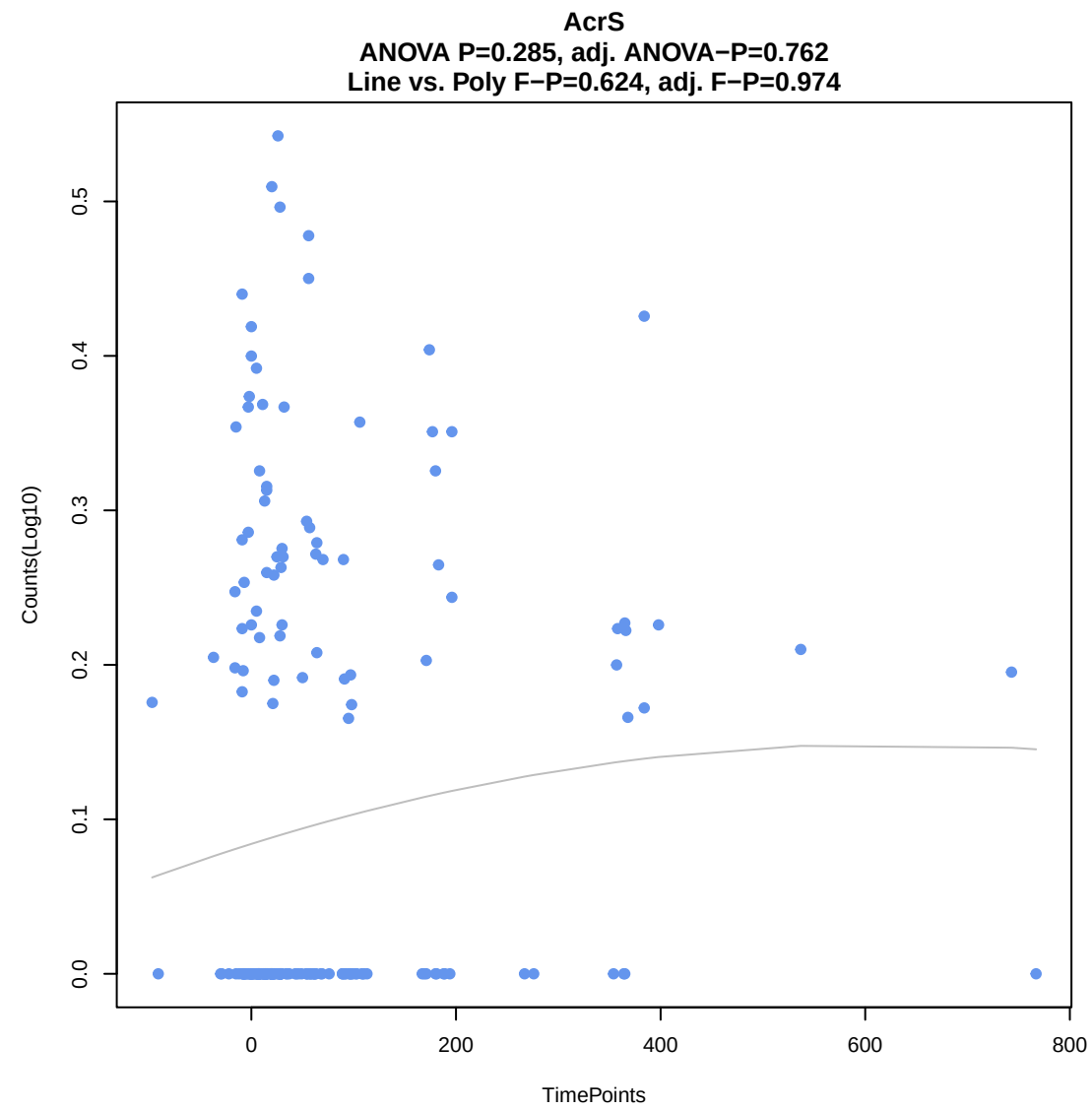

Escherichia coli GlpT with mutation conferring resistance to fosfomycin
ANOVA P=0.21, adj. ANOVA−P=0.681
Line vs. Poly F−P=0.0881, adj. F−P=0.781
Counts(Log10)
TimePoints

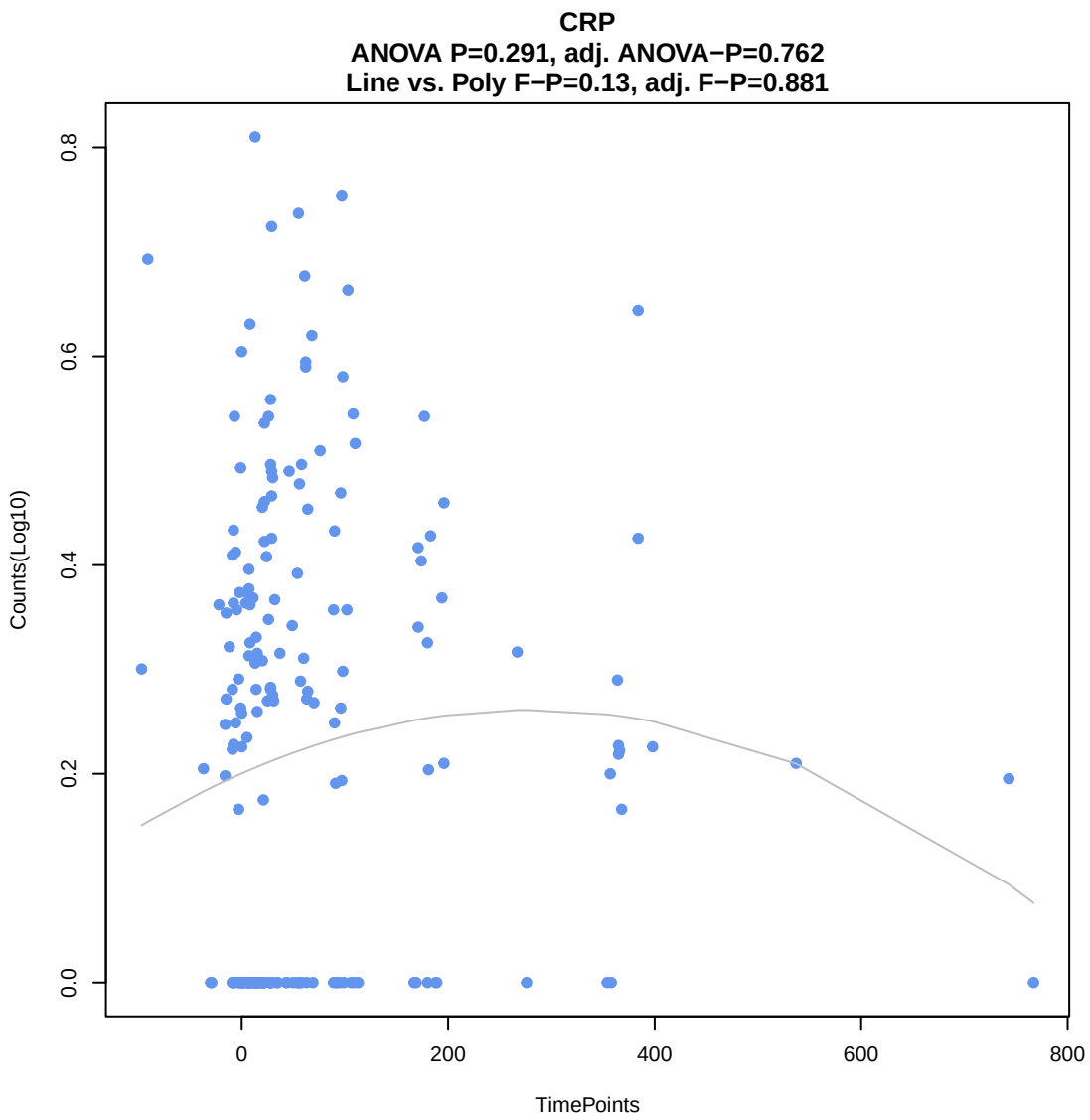

mdtG
ANOVA P=0.225, adj. ANOVA−P=0.709
Line vs. Poly F−P=0.173, adj. F−P=0.881
Counts(Log10)
TimePoints

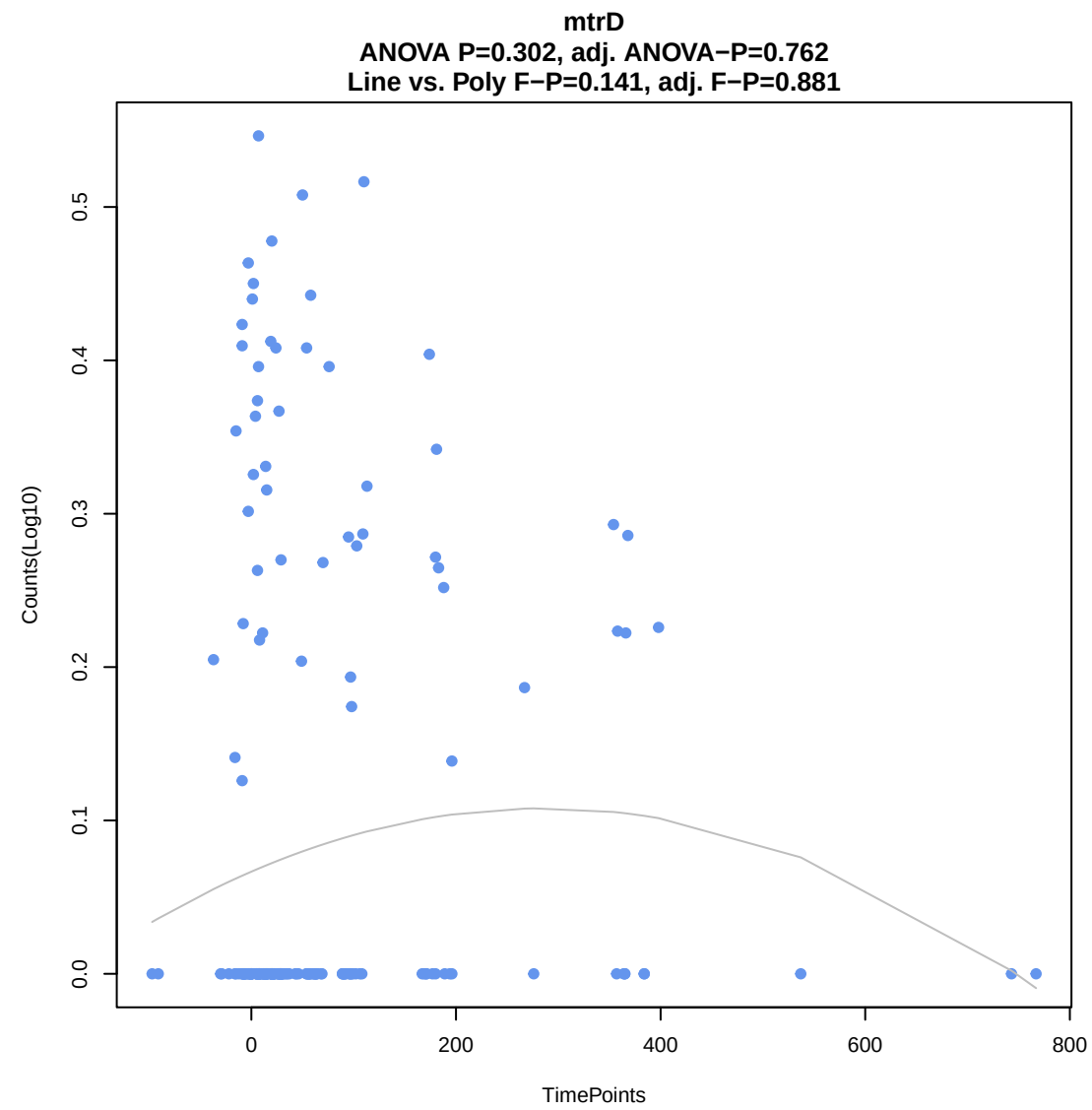

gadX
ANOVA P=0.238, adj. ANOVA−P=0.728
Line vs. Poly F−P=0.58, adj. F−P=0.974
Counts(Log10)
TimePoints

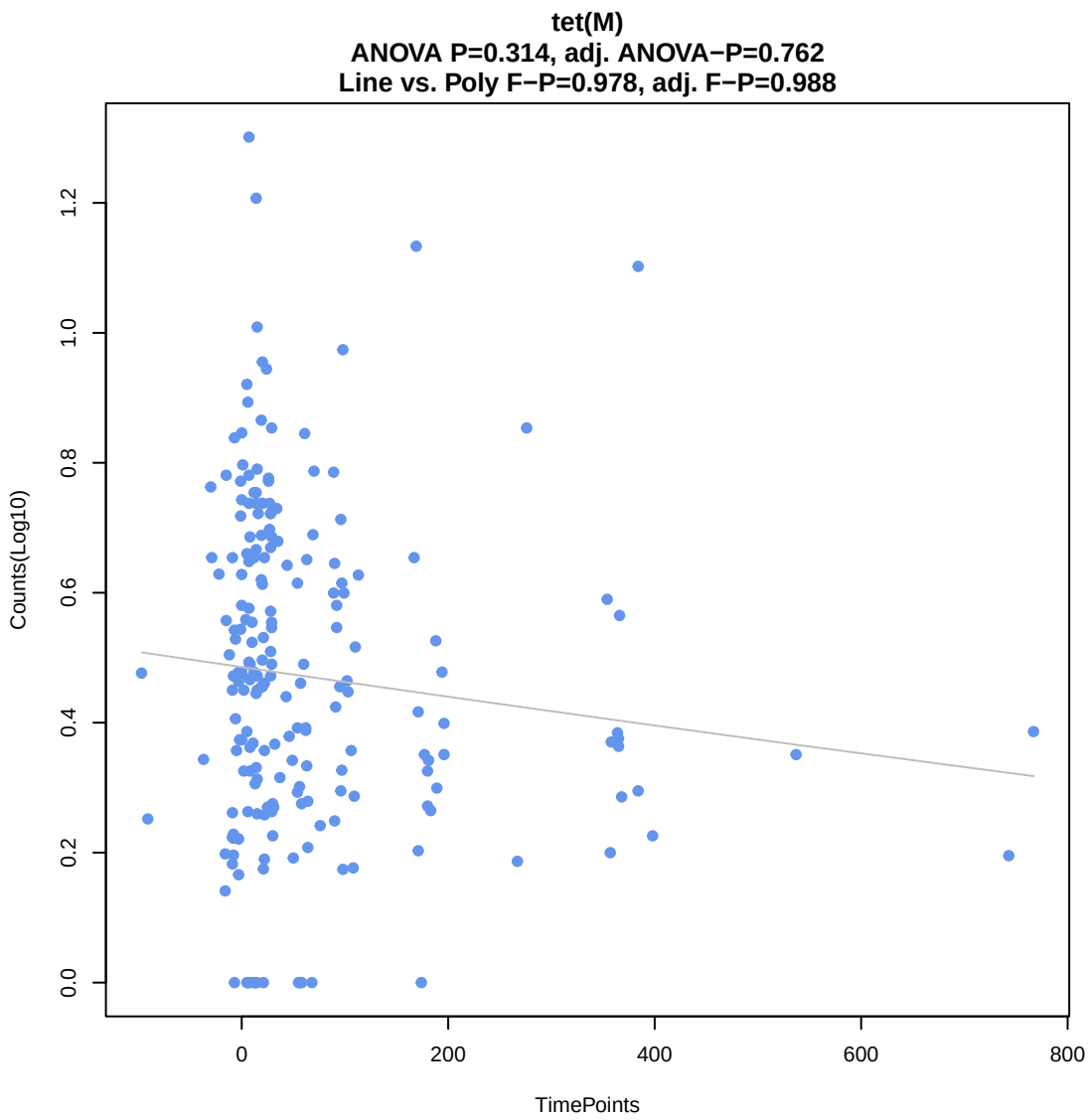

ANA−1
ANOVA P=0.245, adj. ANOVA−P=0.728
Line vs. Poly F−P=0.579, adj. F−P=0.974
Counts(Log10)
TimePoints

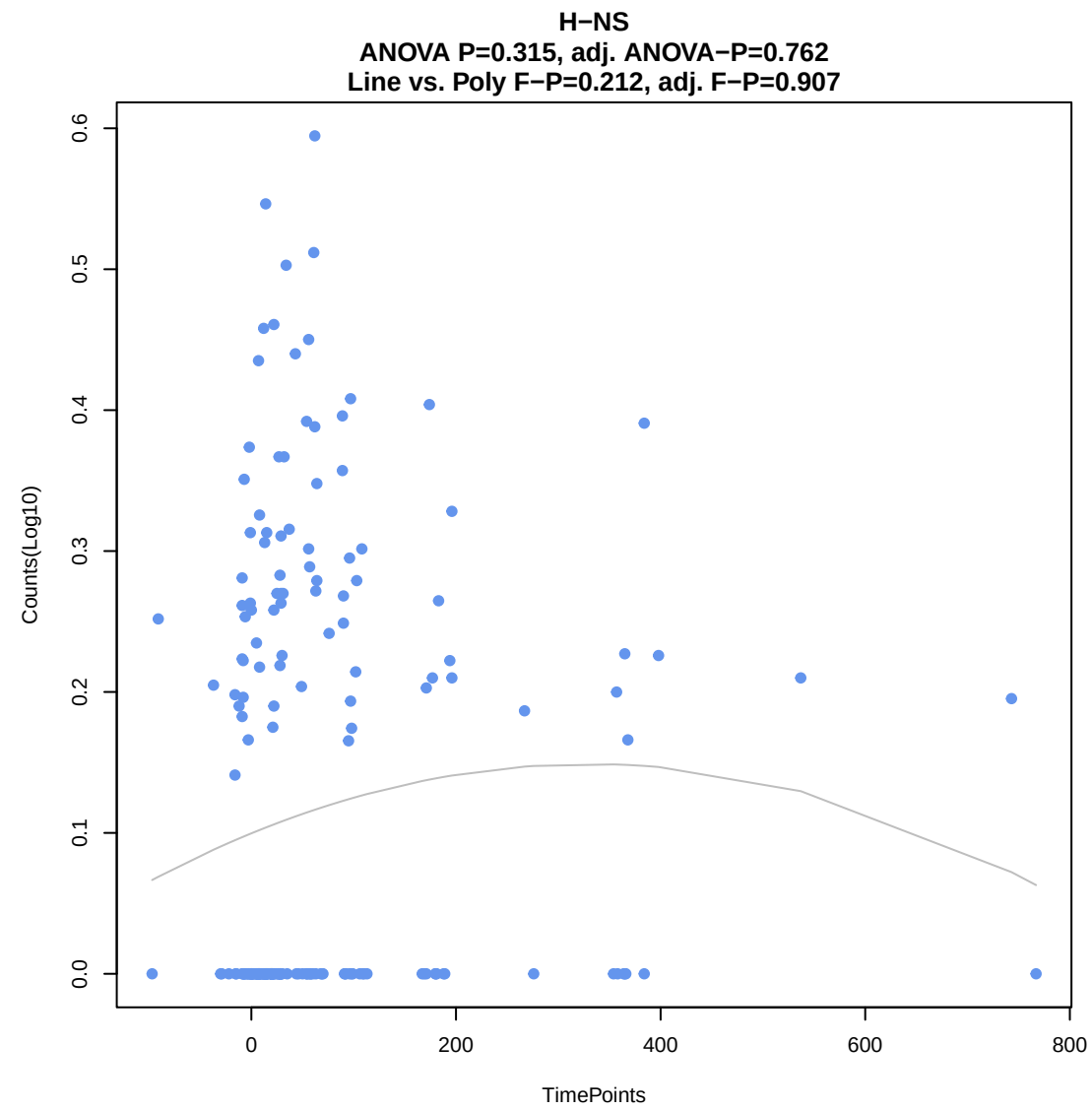

APH(6)−Ic
ANOVA P=0.277, adj. ANOVA−P=0.762
Line vs. Poly F−P=0.35, adj. F−P=0.922
Counts(Log10)
TimePoints

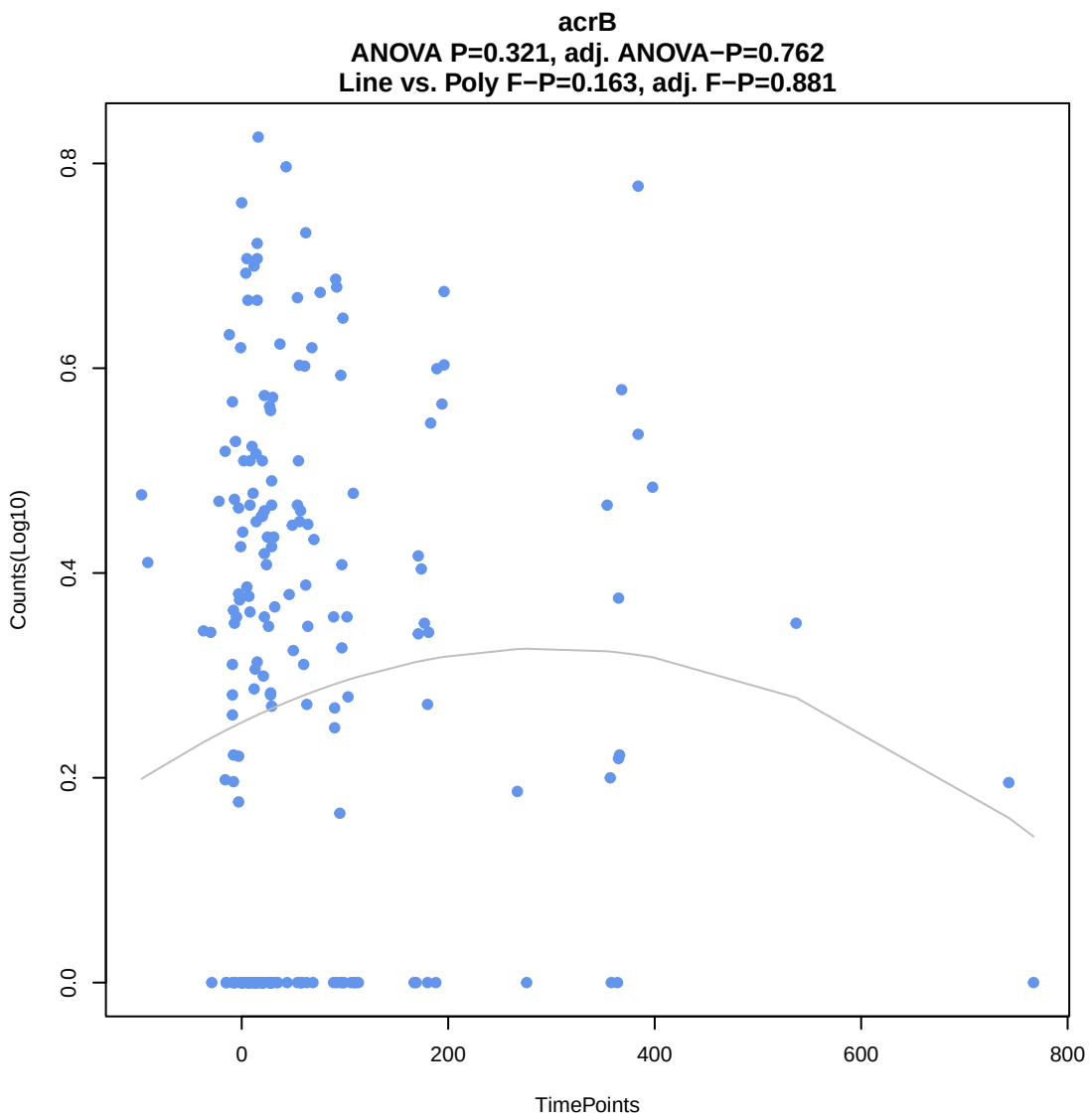

AcrS
ANOVA P=0.285, adj. ANOVA−P=0.762
Line vs. Poly F−P=0.624, adj. F−P=0.974
Counts(Log10)
TimePoints

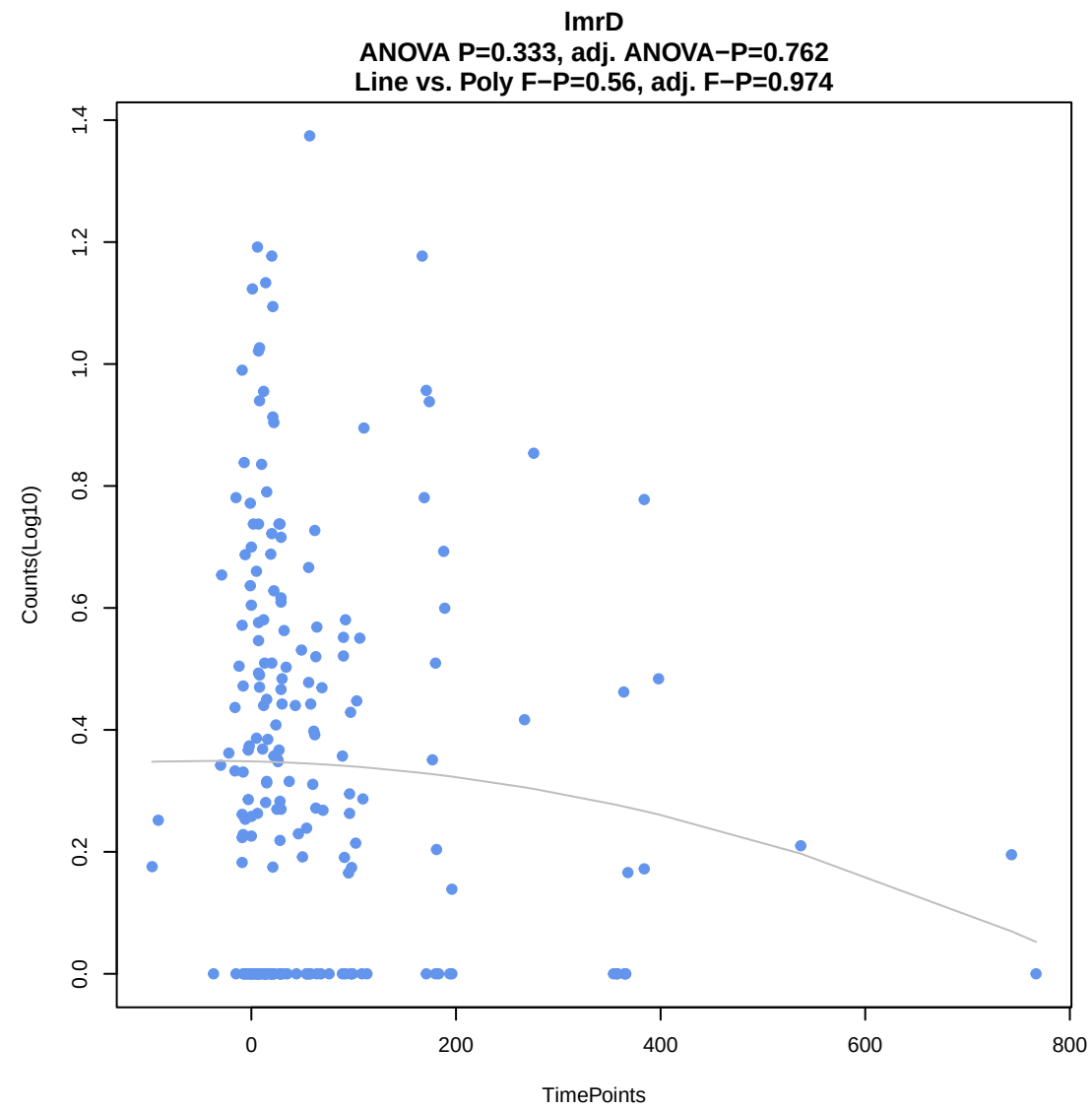

CRP
ANOVA P=0.291, adj. ANOVA−P=0.762
Line vs. Poly F−P=0.13, adj. F−P=0.881
Counts(Log10)
TimePoints

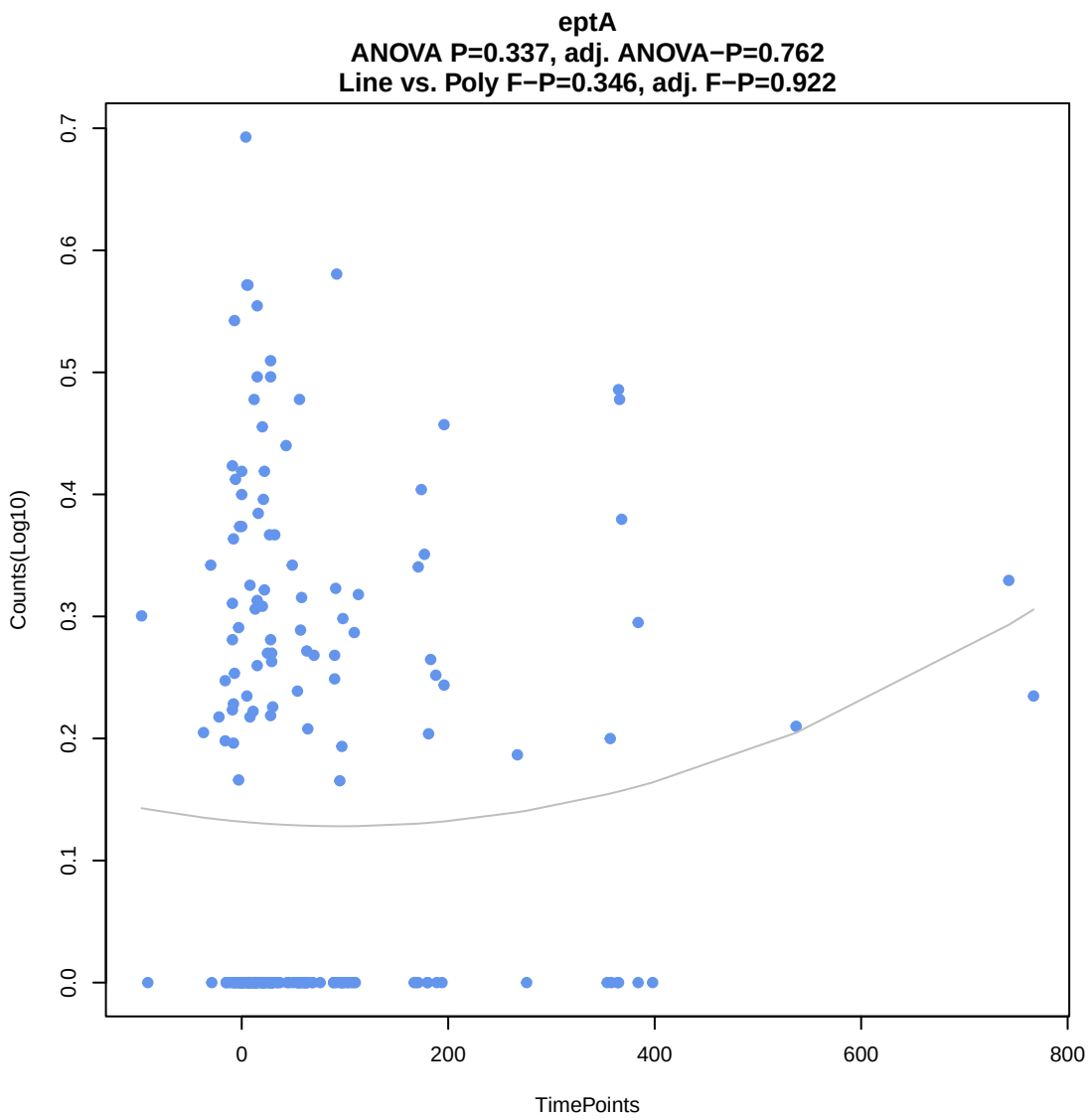

mtrD
ANOVA P=0.302, adj. ANOVA−P=0.762
Line vs. Poly F−P=0.141, adj. F−P=0.881
Counts(Log10)
TimePoints

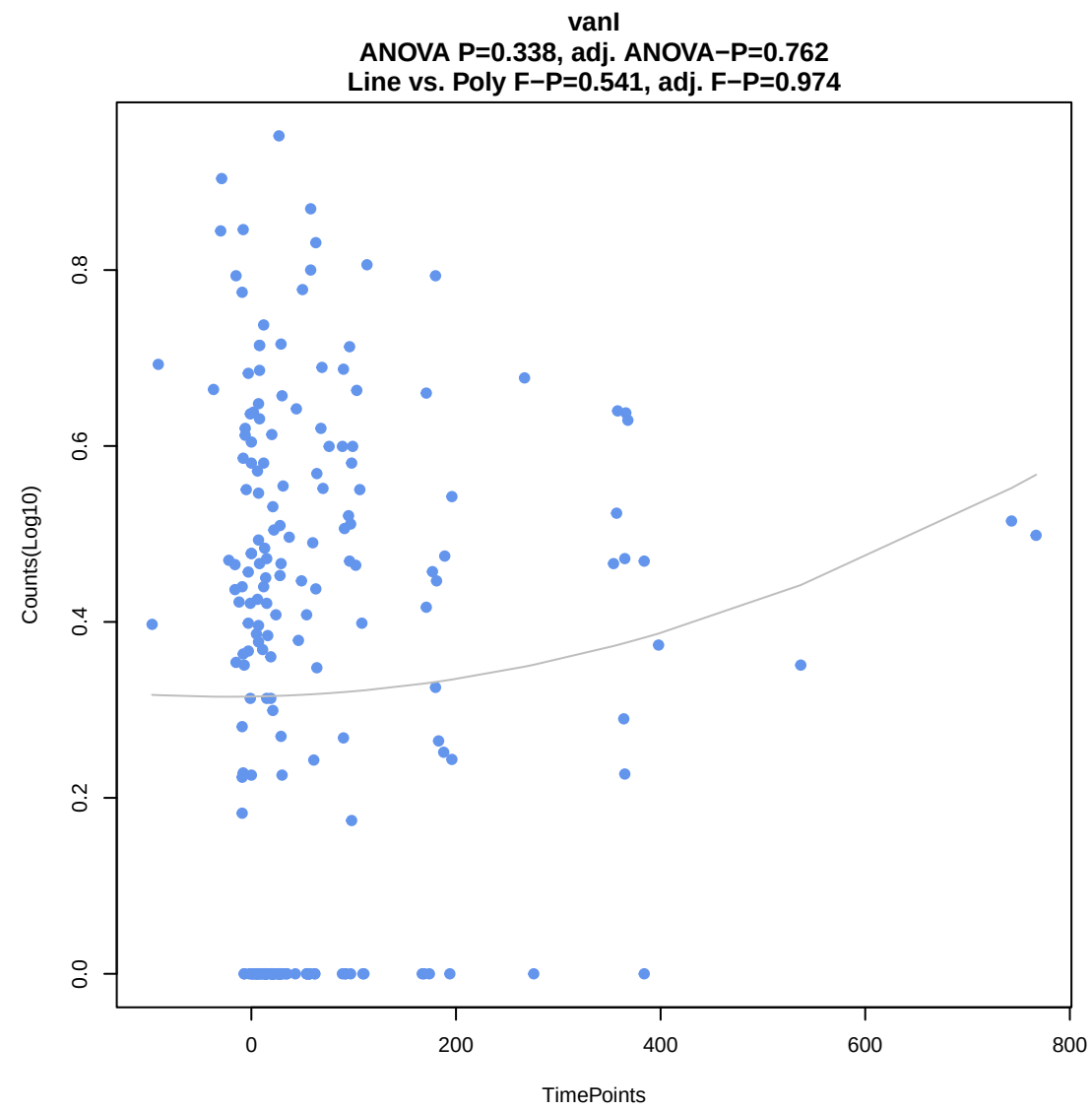

tet(M)
ANOVA P=0.314, adj. ANOVA−P=0.762
Line vs. Poly F−P=0.978, adj. F−P=0.988
Counts(Log10)
TimePoints

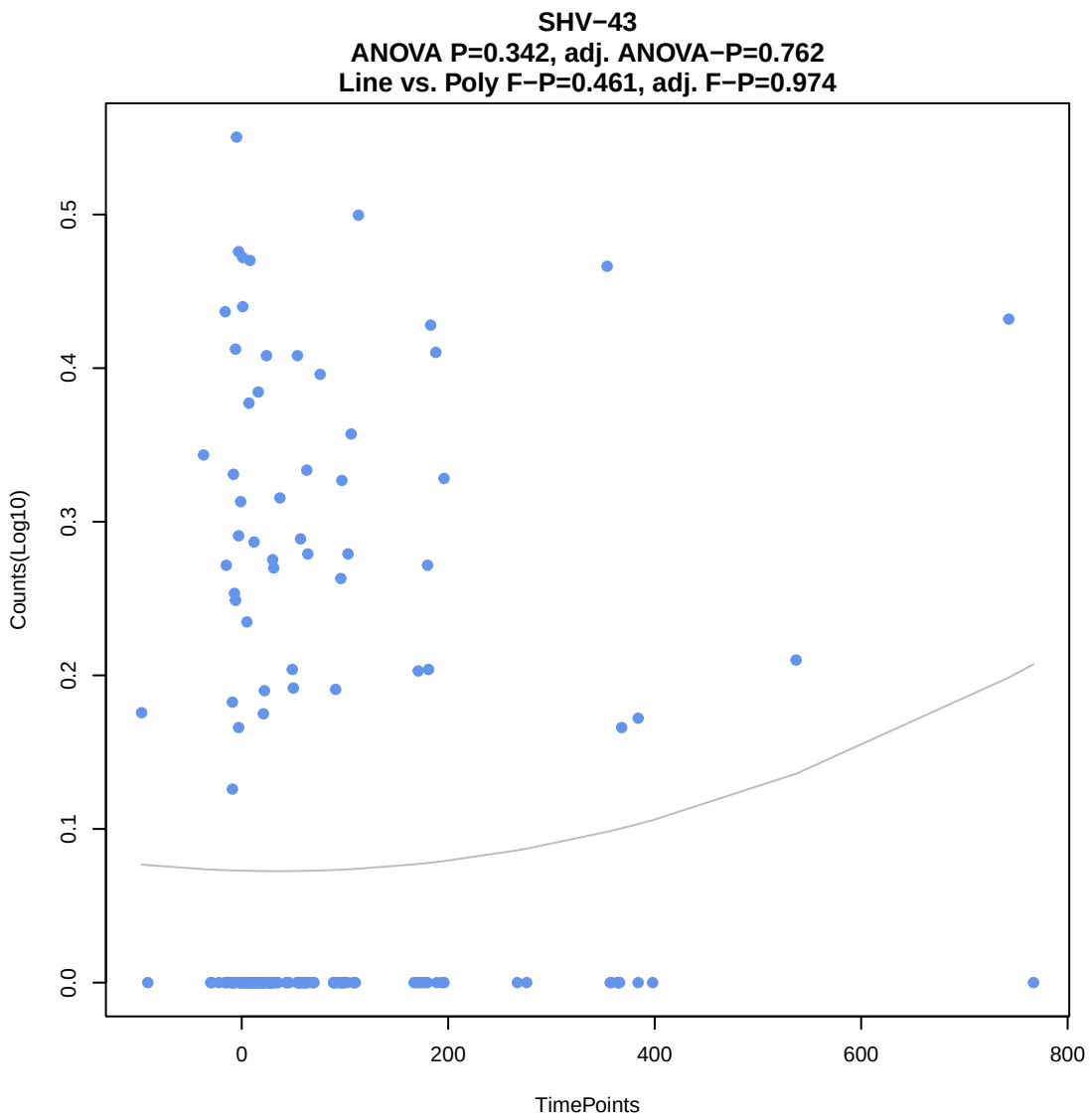

H−NS
ANOVA P=0.315, adj. ANOVA−P=0.762
Line vs. Poly F−P=0.212, adj. F−P=0.907
Counts(Log10)
TimePoints

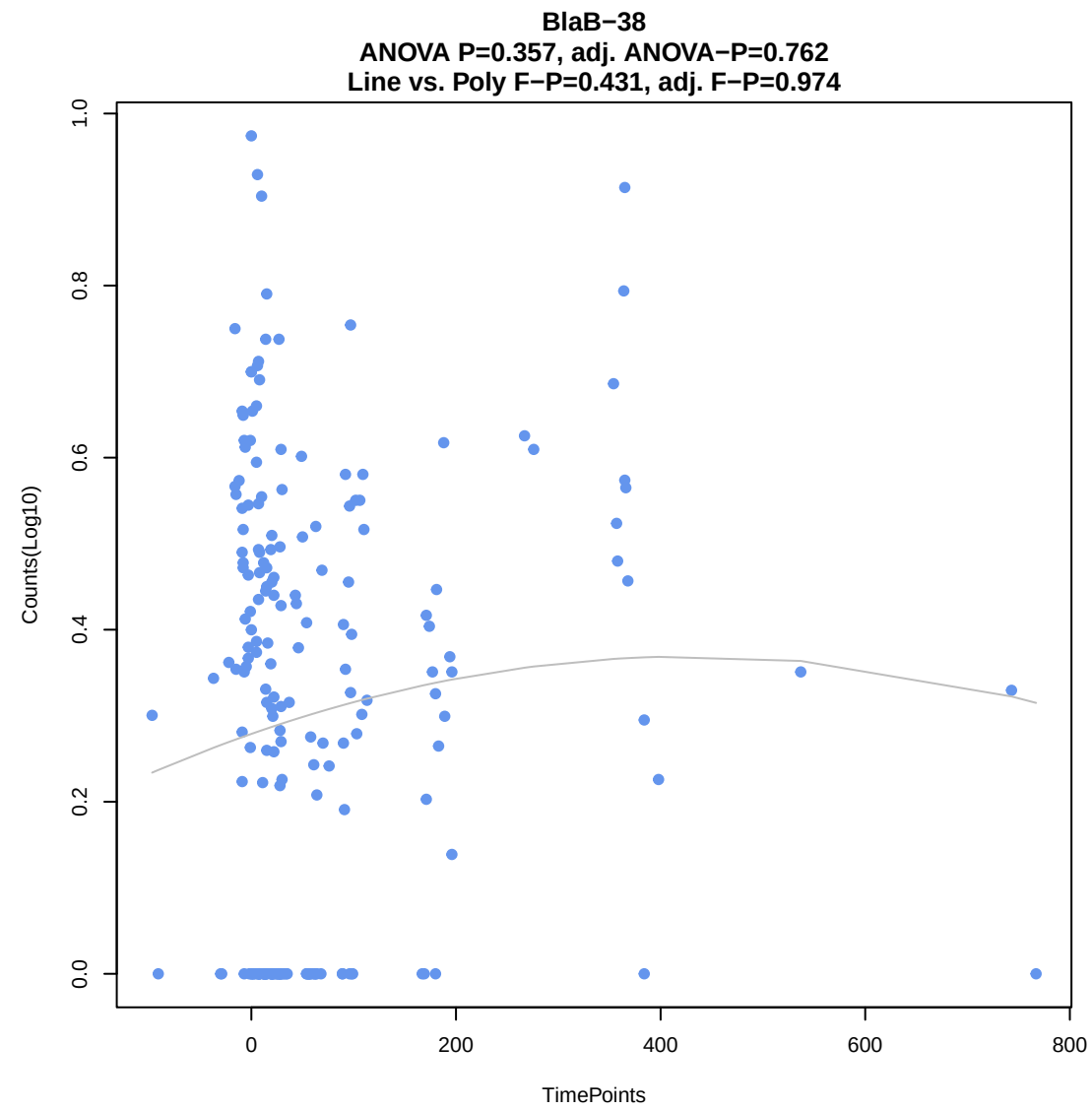

acrB
ANOVA P=0.321, adj. ANOVA−P=0.762
Line vs. Poly F−P=0.163, adj. F−P=0.881
Counts(Log10)
TimePoints

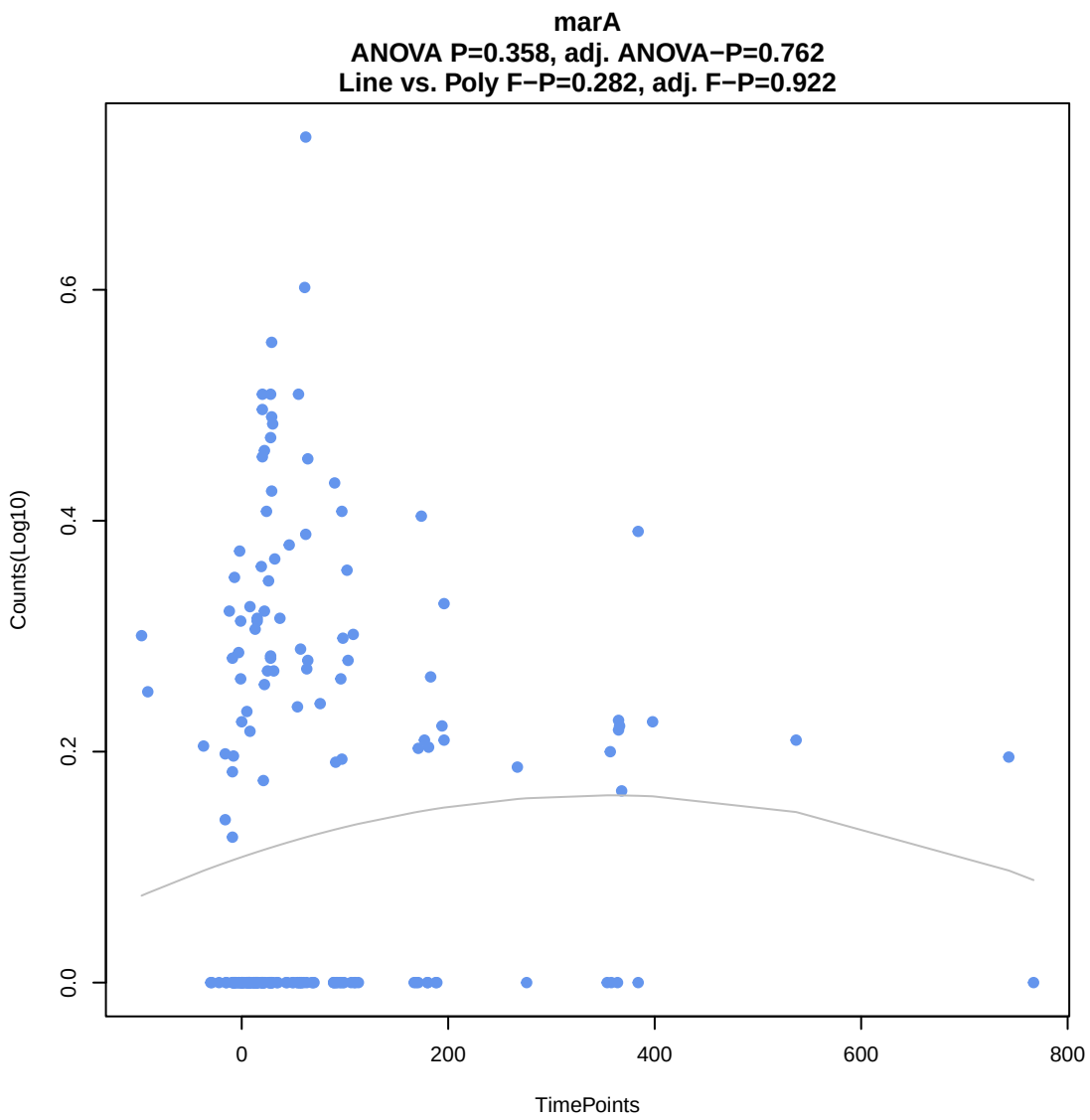

lmrD
ANOVA P=0.333, adj. ANOVA−P=0.762
Line vs. Poly F−P=0.56, adj. F−P=0.974
Counts(Log10)
TimePoints

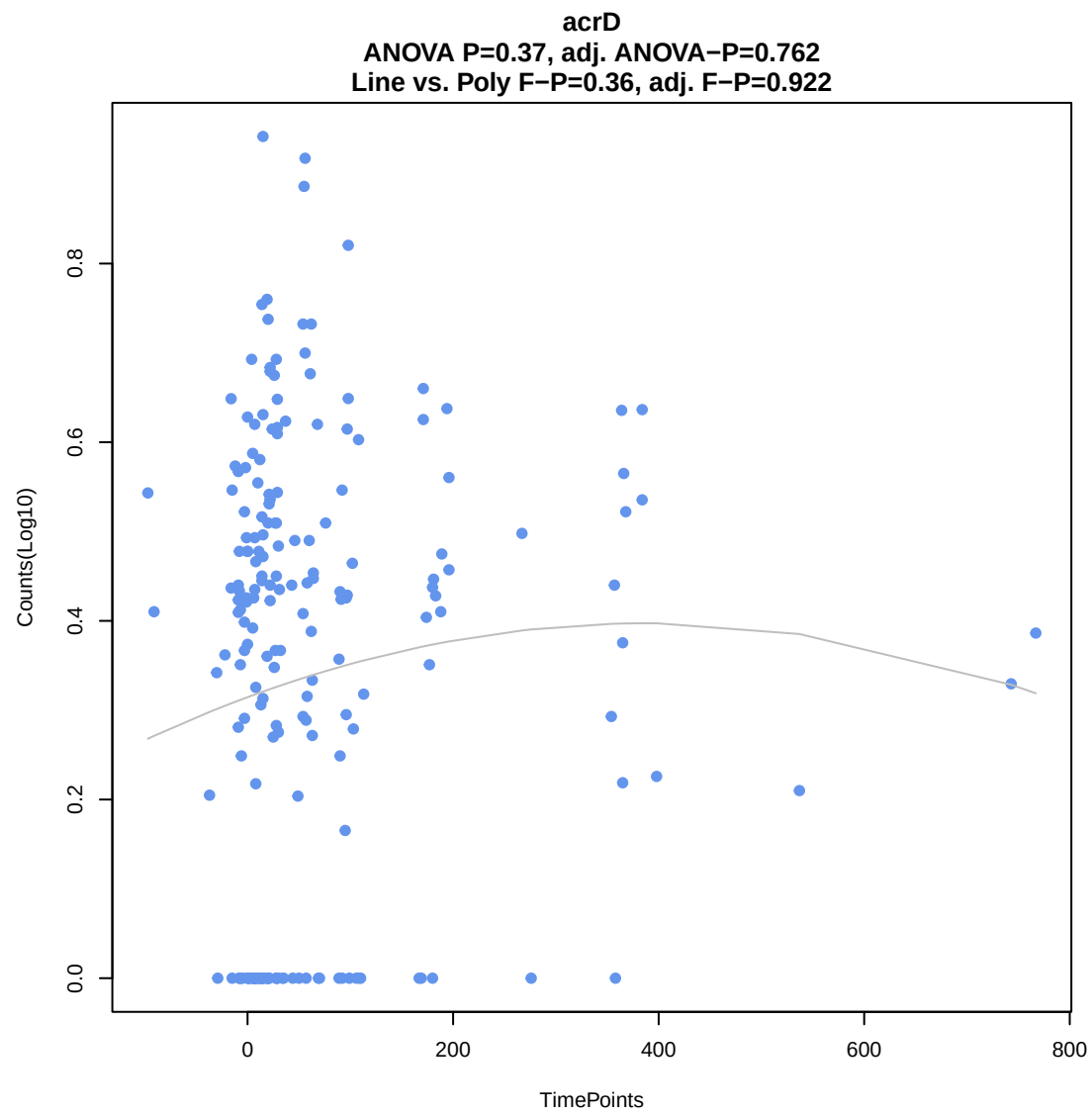

eptA
ANOVA P=0.337, adj. ANOVA−P=0.762
Line vs. Poly F−P=0.346, adj. F−P=0.922
Counts(Log10)
TimePoints

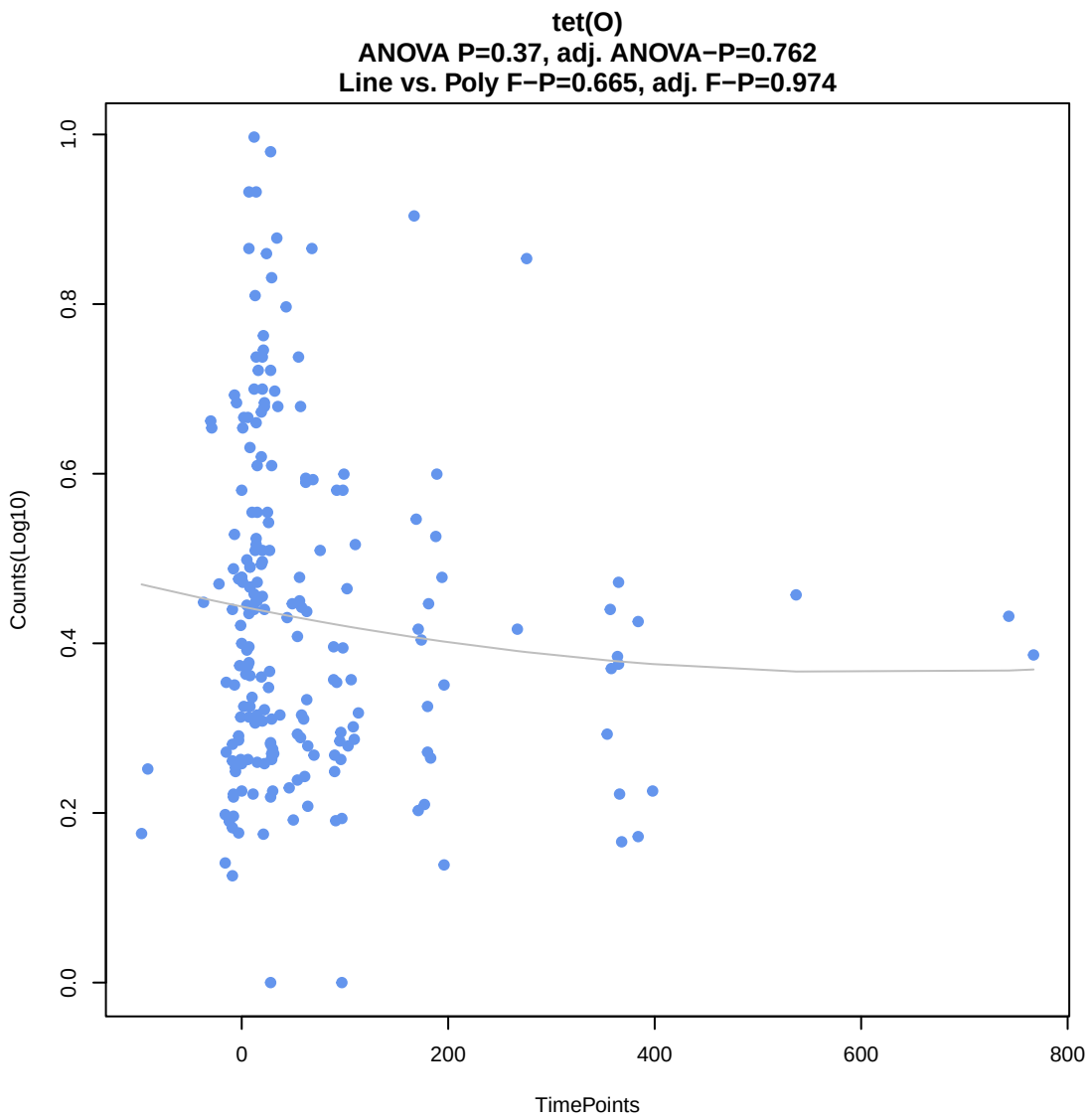

vanI
ANOVA P=0.338, adj. ANOVA−P=0.762
Line vs. Poly F−P=0.541, adj. F−P=0.974
Counts(Log10)
TimePoints

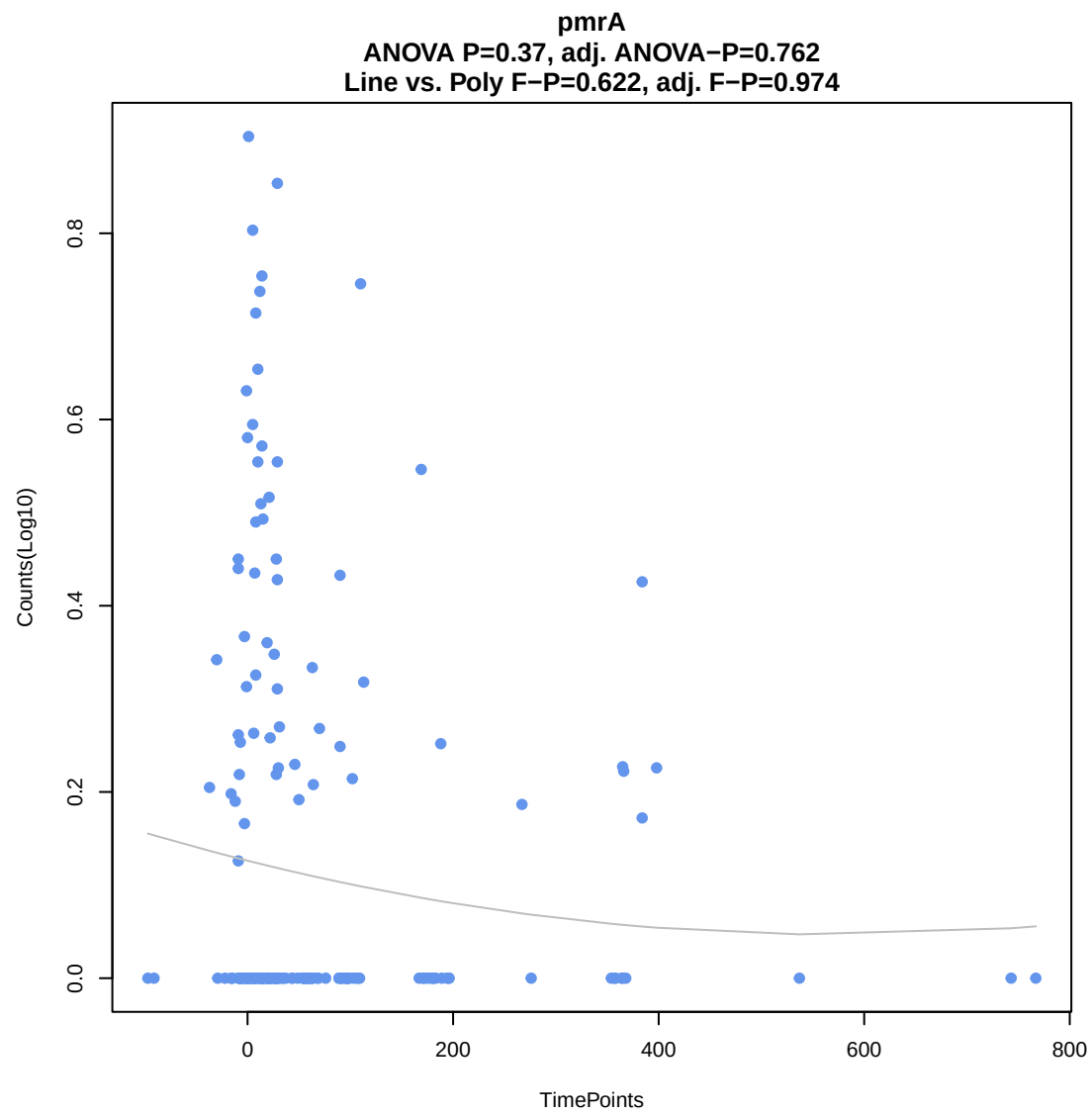

SHV−43
ANOVA P=0.342, adj. ANOVA−P=0.762
Line vs. Poly F−P=0.461, adj. F−P=0.974
Counts(Log10)
TimePoints

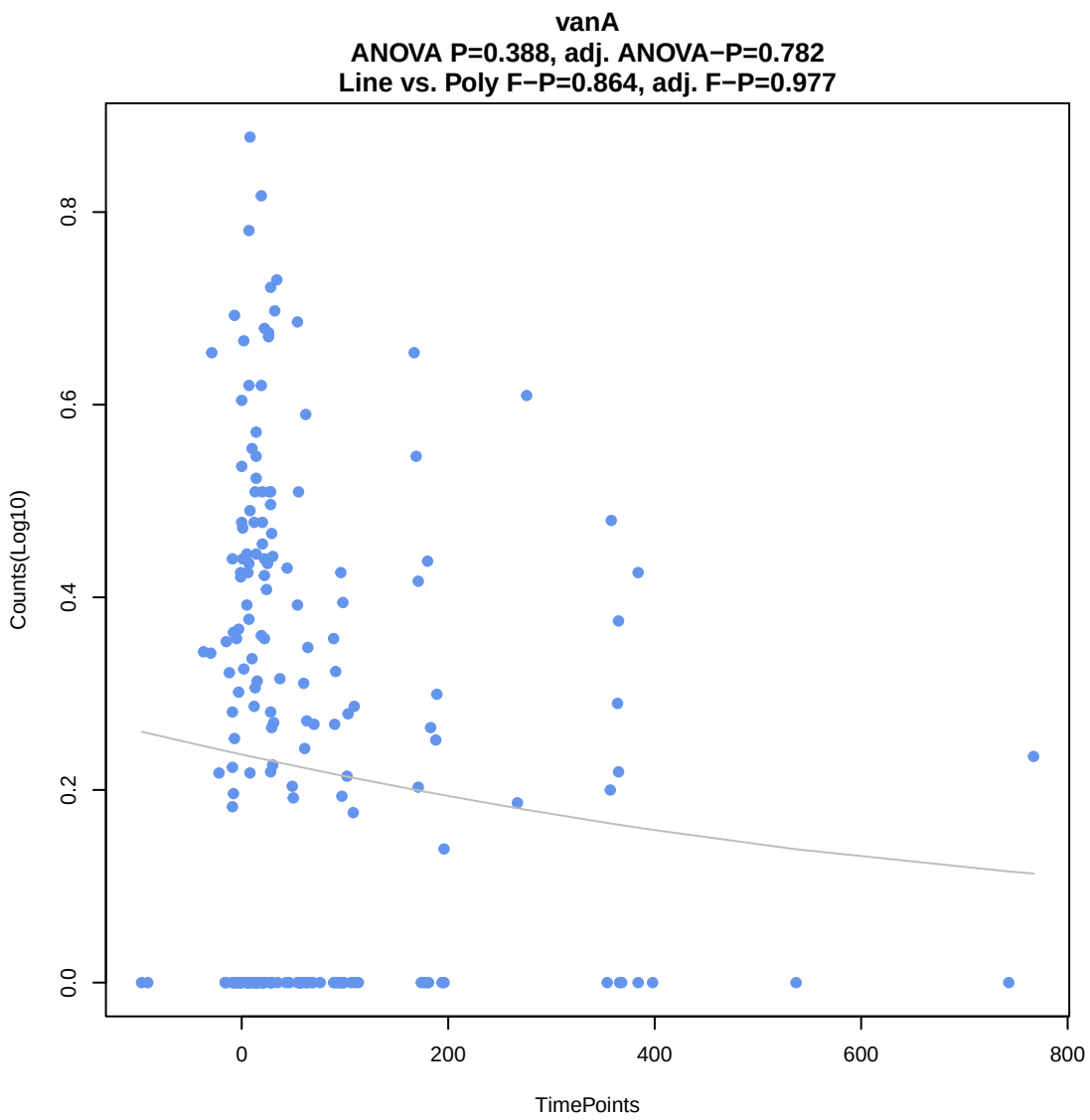

BlaB−38
ANOVA P=0.357, adj. ANOVA−P=0.762
Line vs. Poly F−P=0.431, adj. F−P=0.974
Counts(Log10)
TimePoints

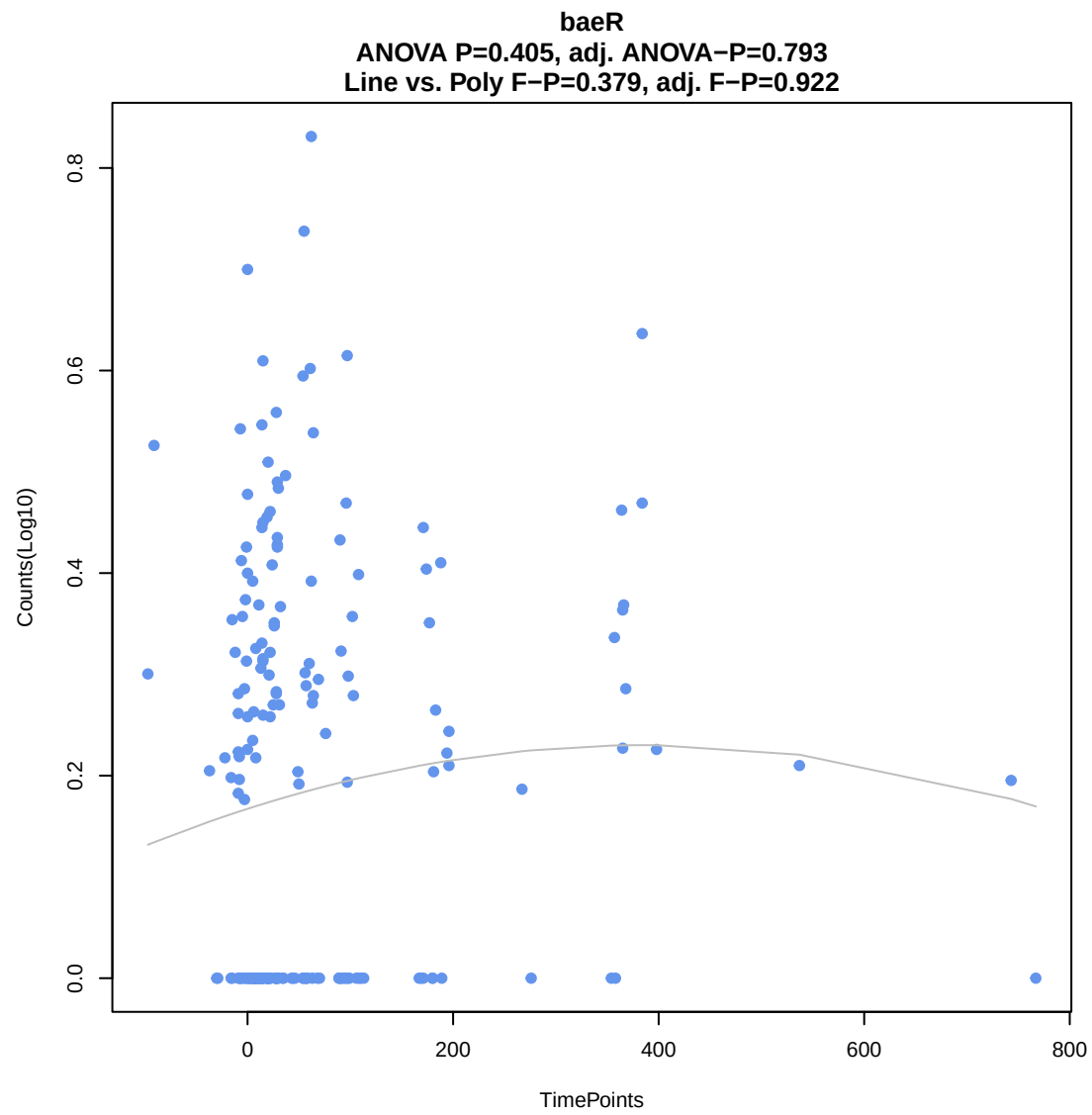

marA
ANOVA P=0.358, adj. ANOVA−P=0.762
Line vs. Poly F−P=0.282, adj. F−P=0.922
Counts(Log10)
TimePoints

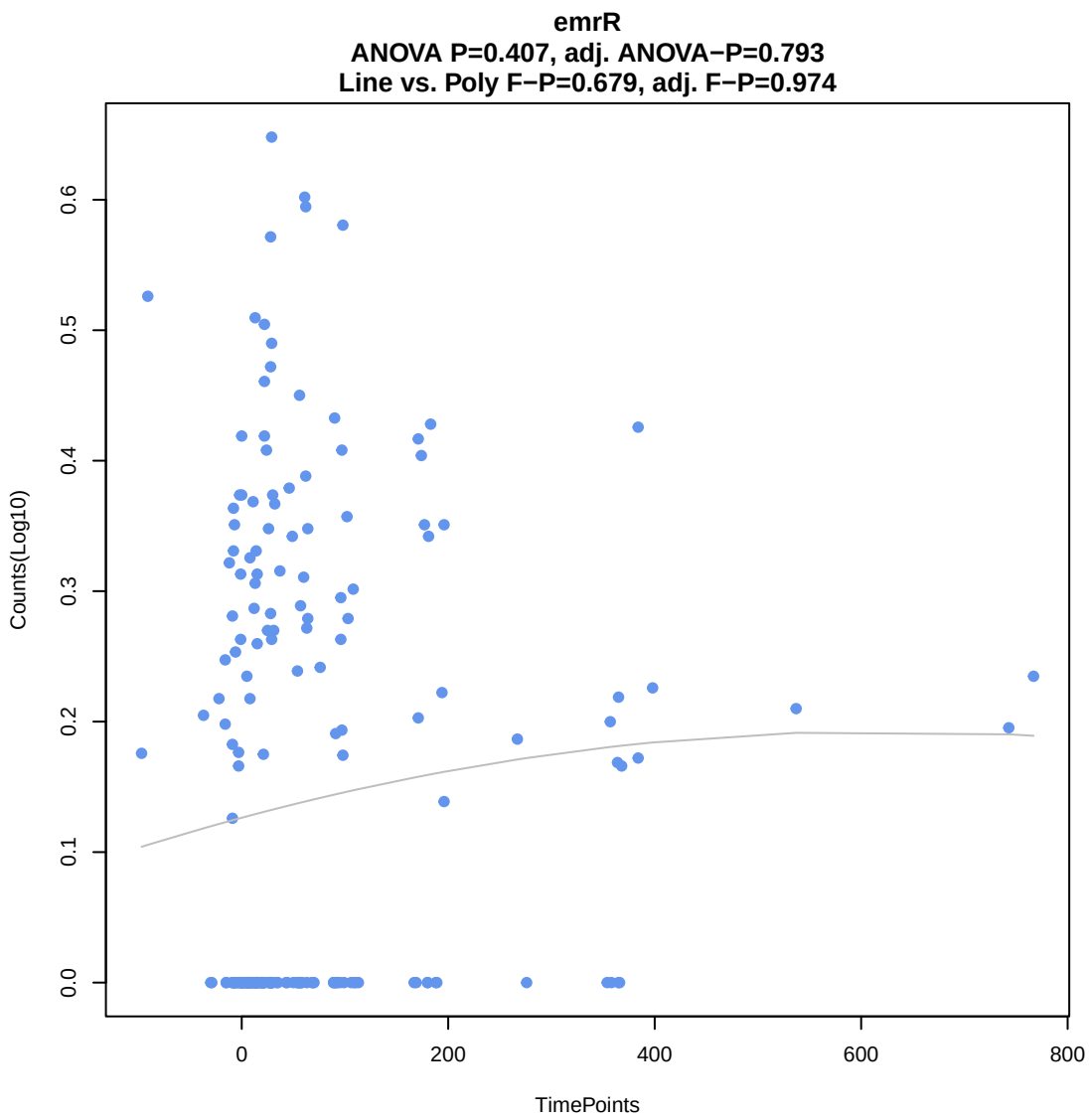

acrD
ANOVA P=0.37, adj. ANOVA−P=0.762
Line vs. Poly F−P=0.36, adj. F−P=0.922
Counts(Log10)
TimePoints

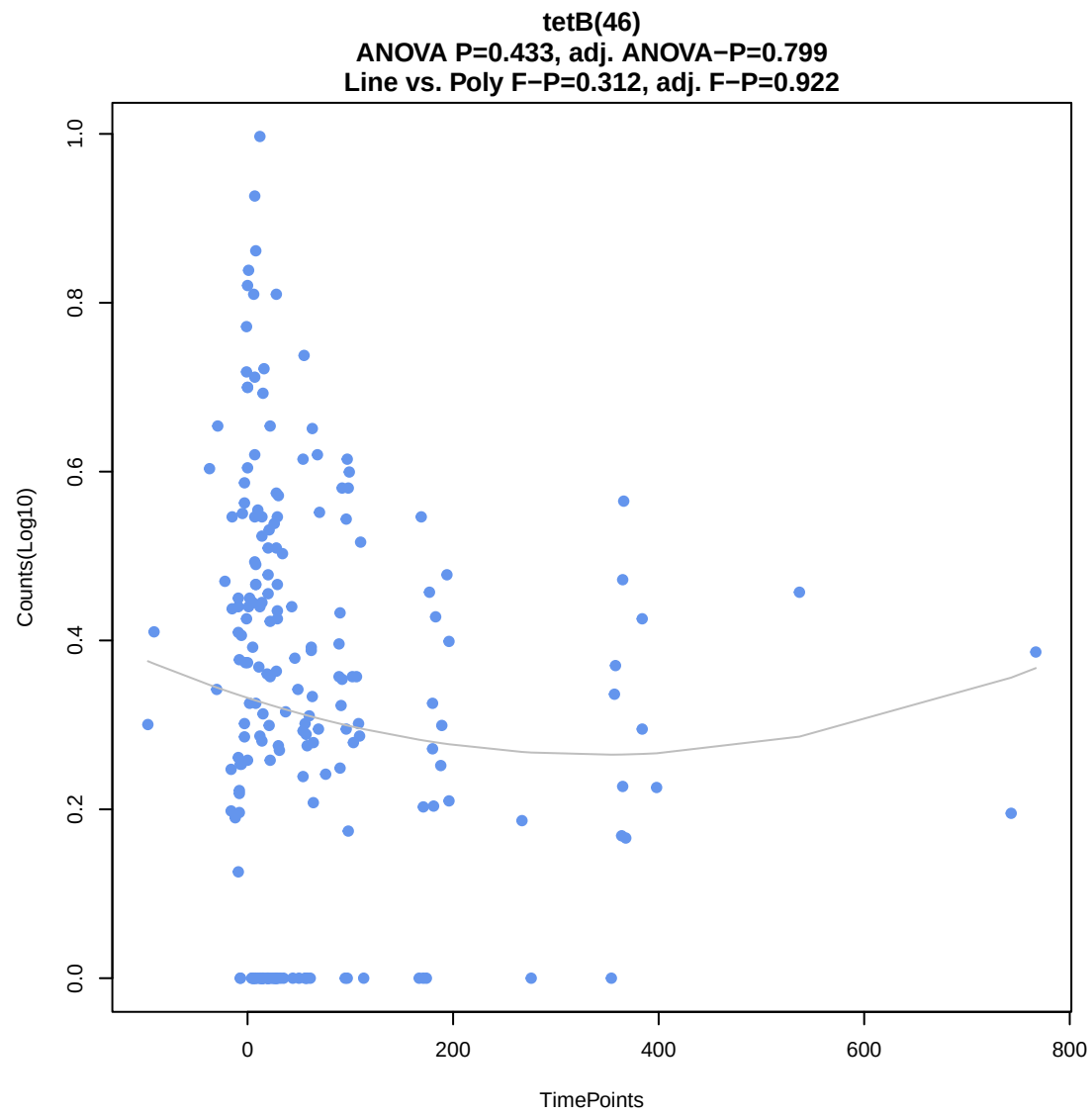

tet(O)
ANOVA P=0.37, adj. ANOVA−P=0.762
Line vs. Poly F−P=0.665, adj. F−P=0.974
Counts(Log10)
TimePoints

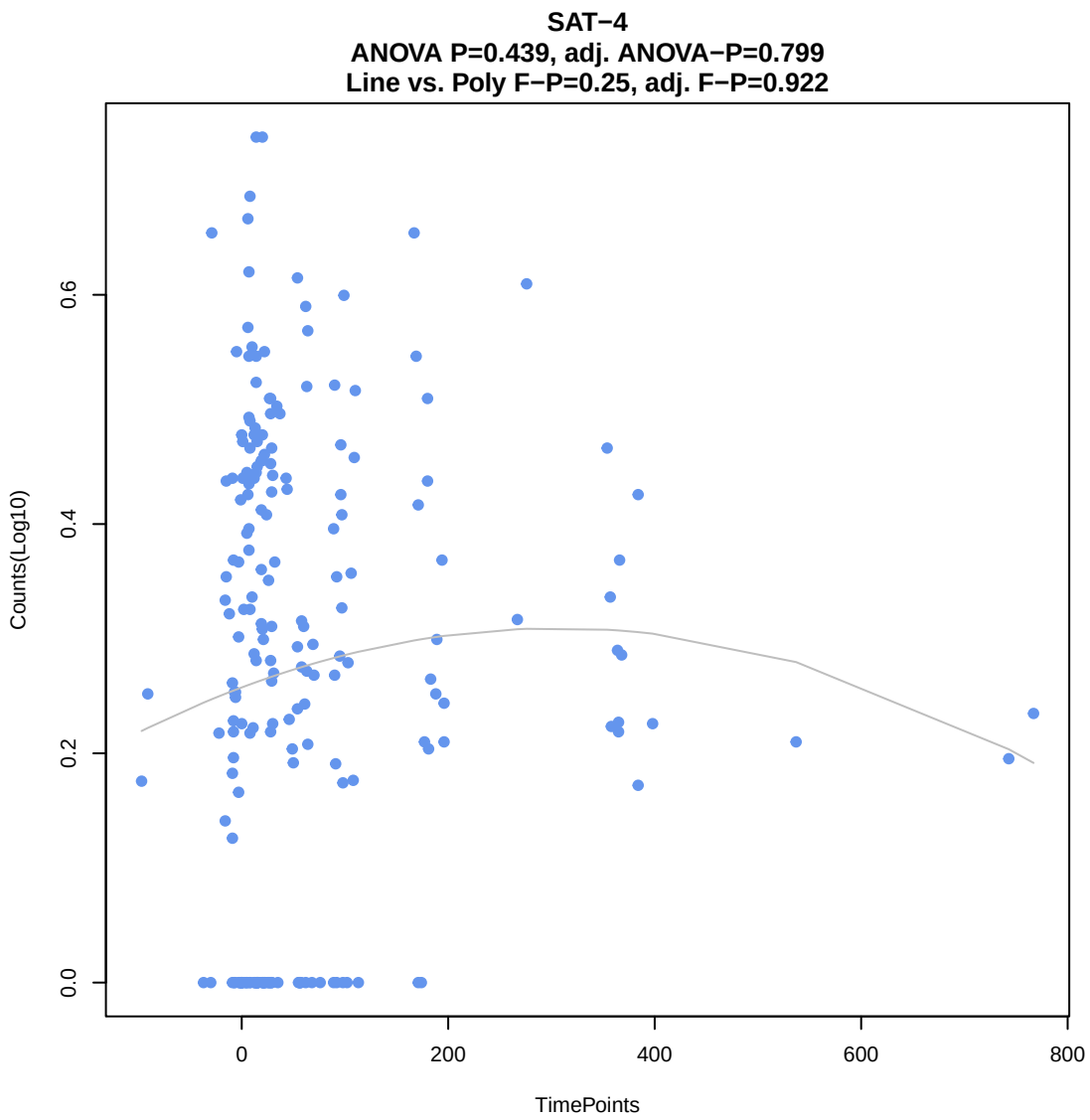

pmrA
ANOVA P=0.37, adj. ANOVA−P=0.762
Line vs. Poly F−P=0.622, adj. F−P=0.974
Counts(Log10)
TimePoints

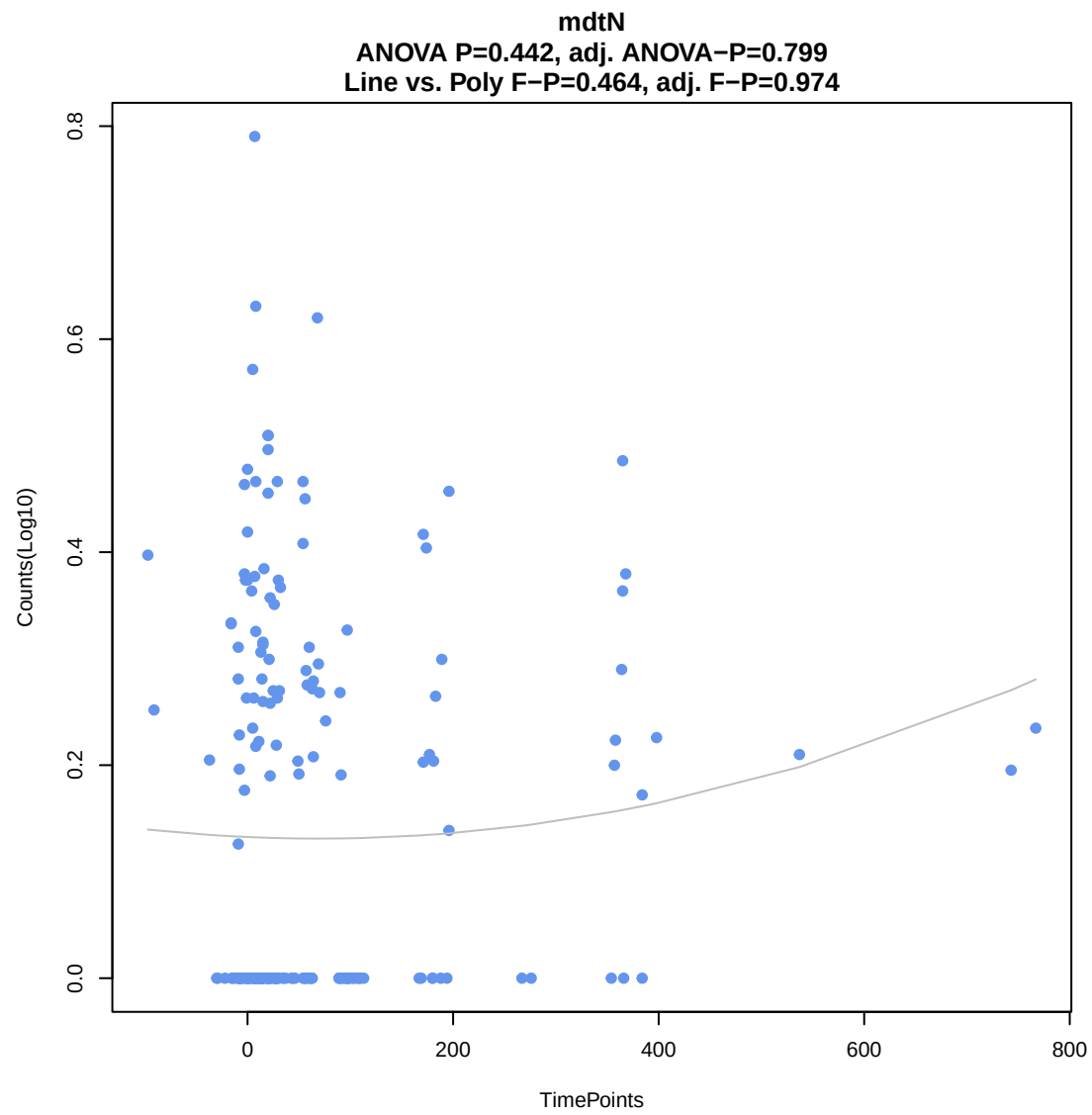

vanA
ANOVA P=0.388, adj. ANOVA−P=0.782
Line vs. Poly F−P=0.864, adj. F−P=0.977
Counts(Log10)
TimePoints

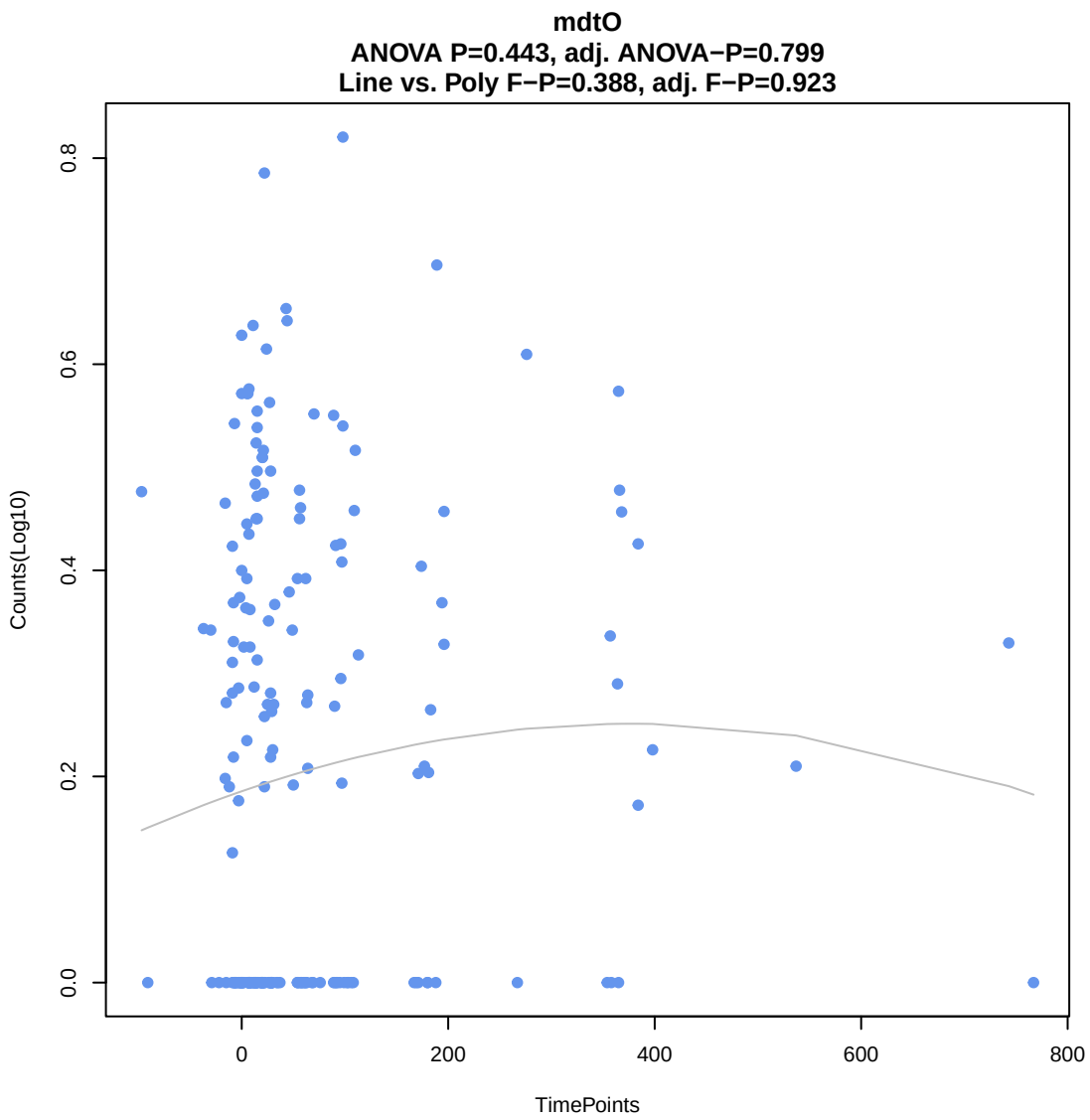

baeR
ANOVA P=0.405, adj. ANOVA−P=0.793
Line vs. Poly F−P=0.379, adj. F−P=0.922
Counts(Log10)
TimePoints

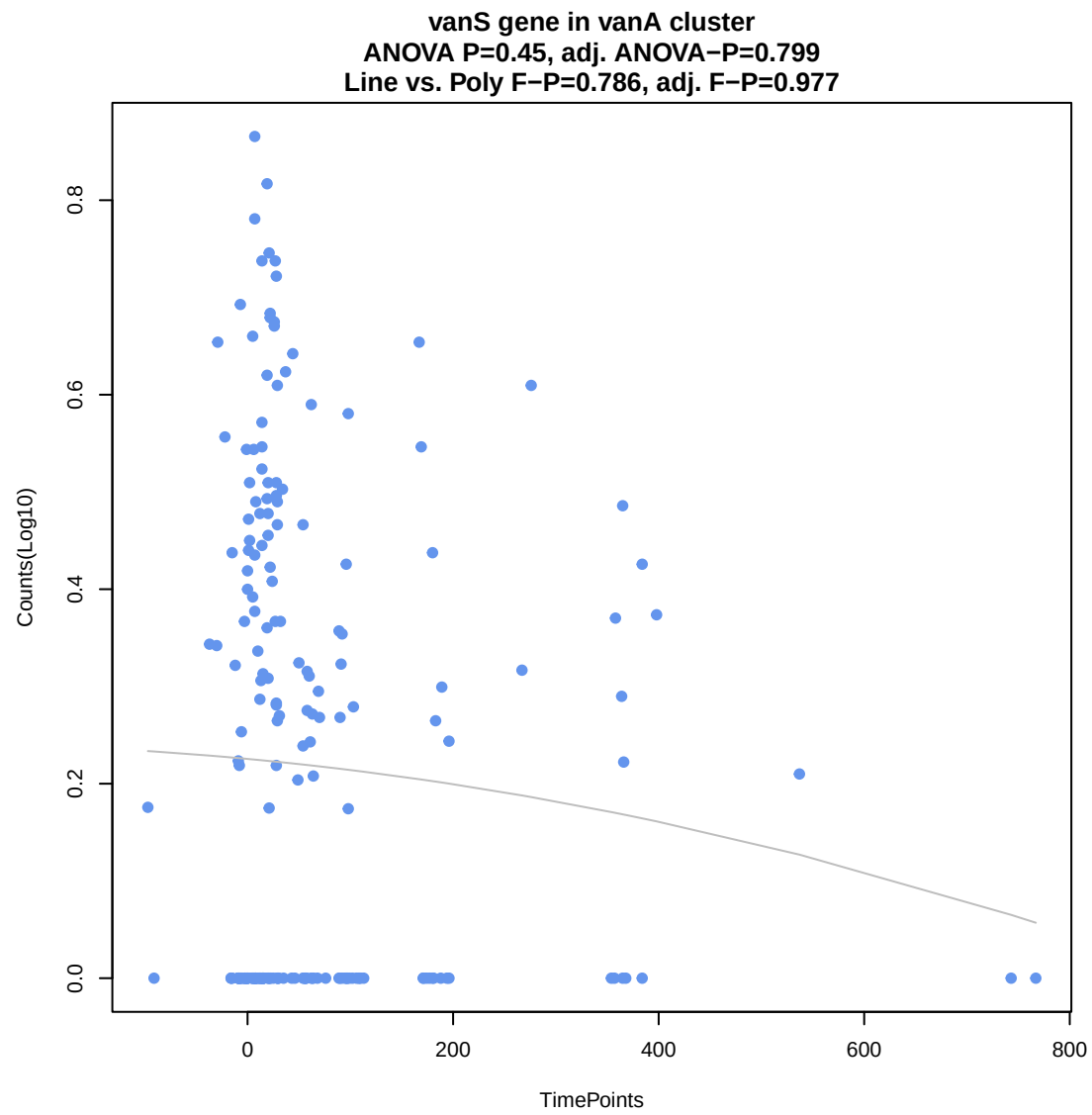

emrR
ANOVA P=0.407, adj. ANOVA−P=0.793
Line vs. Poly F−P=0.679, adj. F−P=0.974
Counts(Log10)
TimePoints

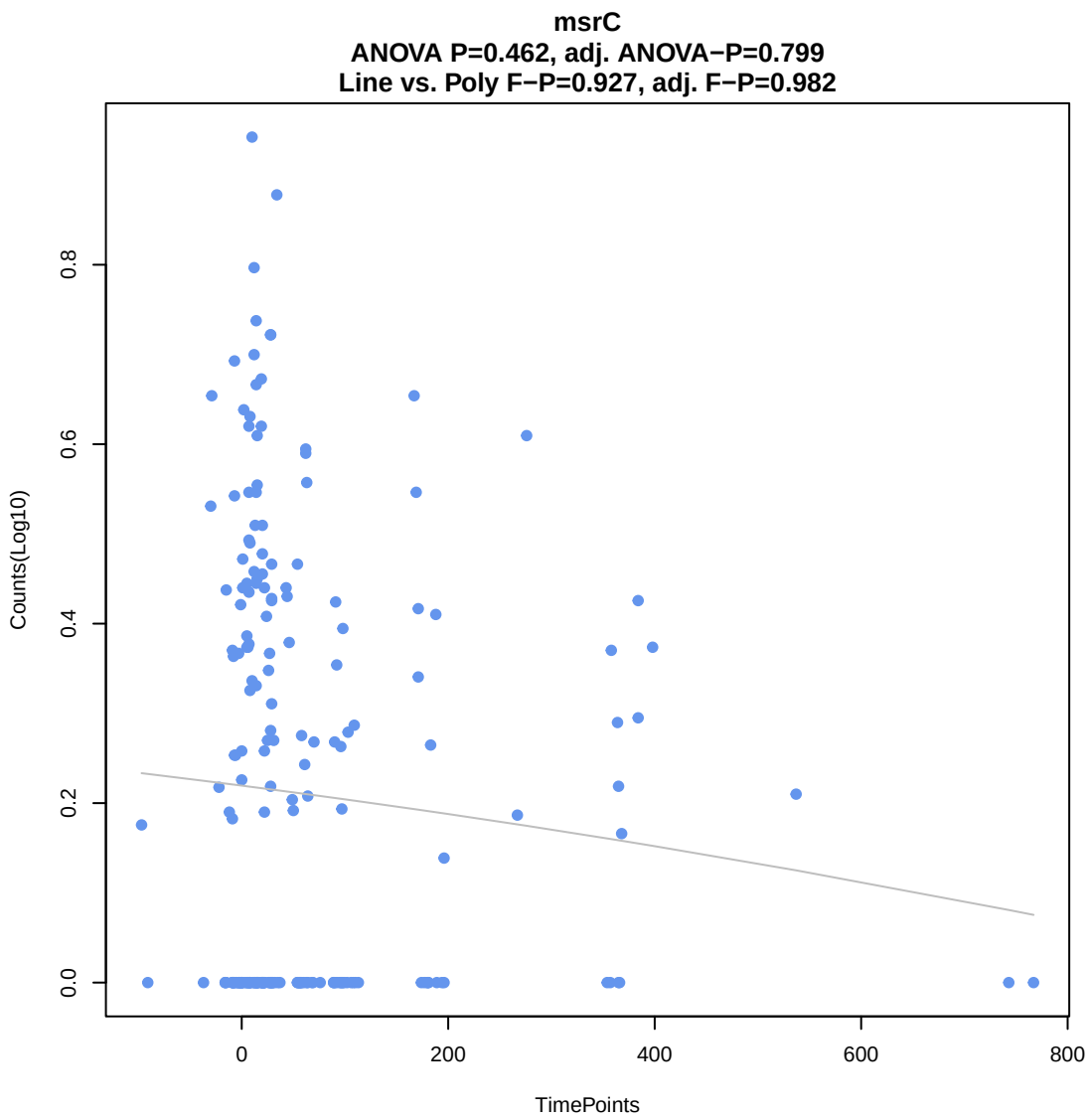

tetB(46)
ANOVA P=0.433, adj. ANOVA−P=0.799
Line vs. Poly F−P=0.312, adj. F−P=0.922
Counts(Log10)
TimePoints

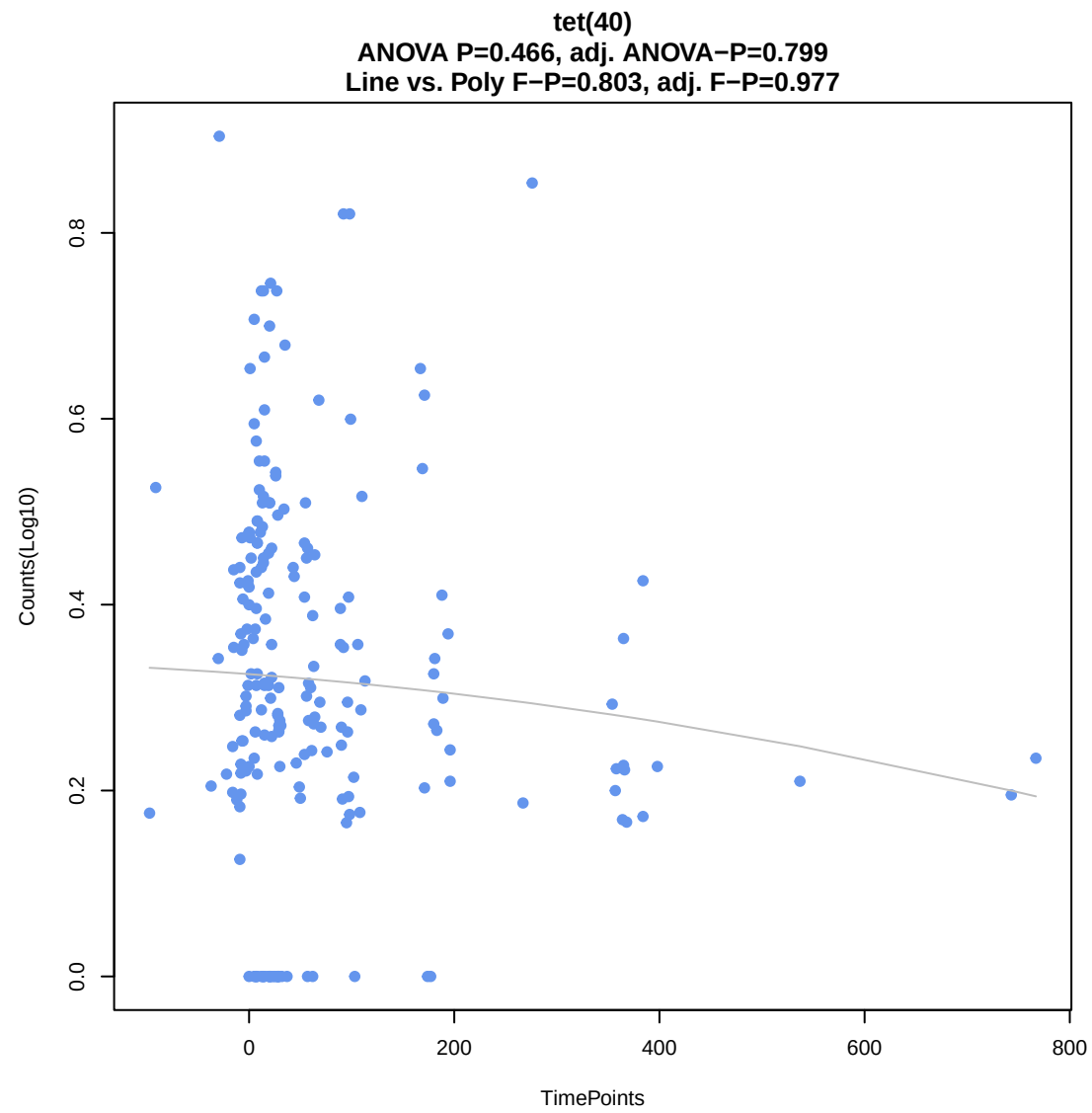

SAT−4
ANOVA P=0.439, adj. ANOVA−P=0.799
Line vs. Poly F−P=0.25, adj. F−P=0.922
Counts(Log10)
TimePoints

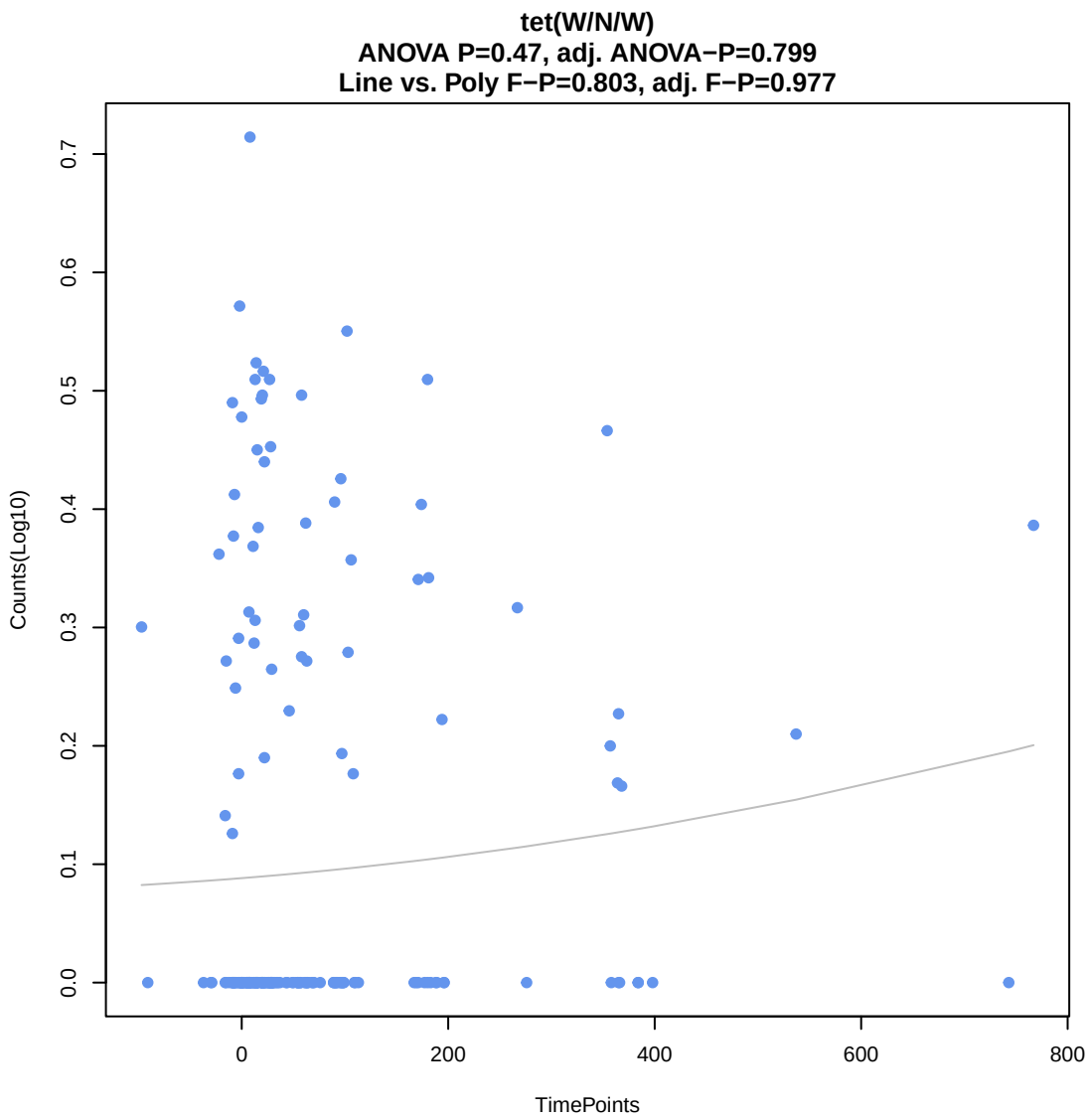

mdtN
ANOVA P=0.442, adj. ANOVA−P=0.799
Line vs. Poly F−P=0.464, adj. F−P=0.974
Counts(Log10)
TimePoints

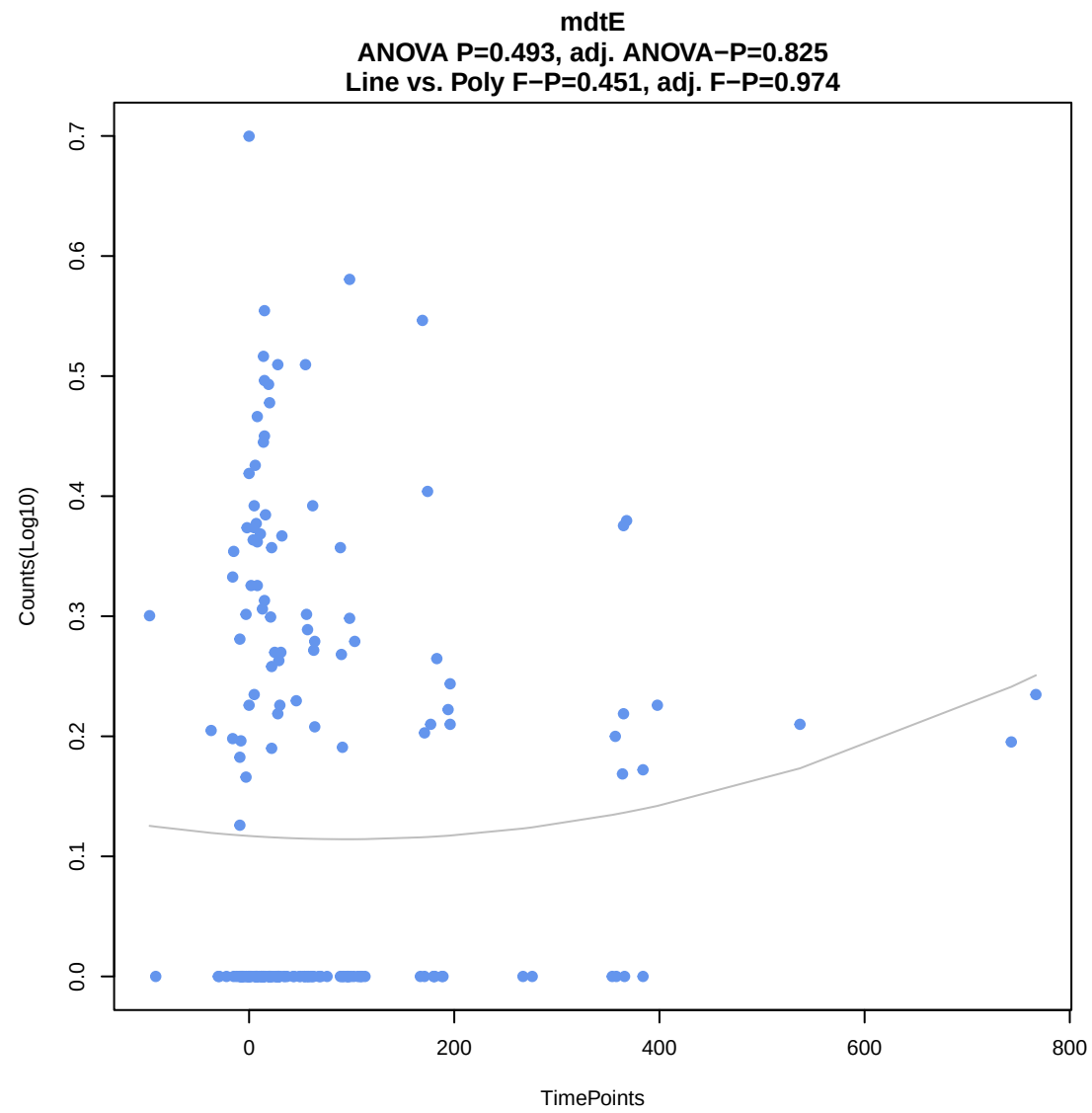

mdtO
ANOVA P=0.443, adj. ANOVA−P=0.799
Line vs. Poly F−P=0.388, adj. F−P=0.923
Counts(Log10)
TimePoints

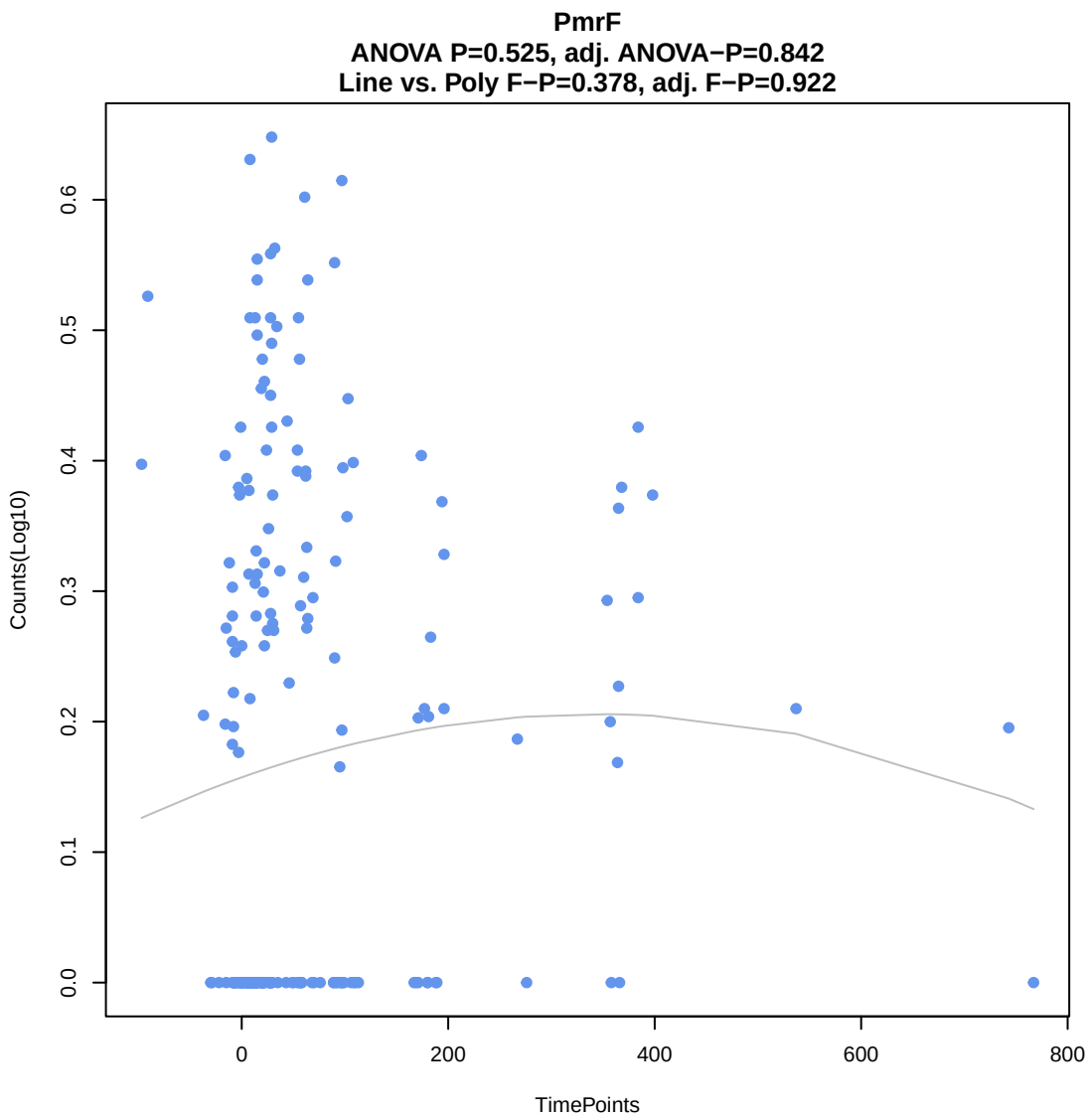

vanS gene in vanA cluster
ANOVA P=0.45, adj. ANOVA−P=0.799
Line vs. Poly F−P=0.786, adj. F−P=0.977
Counts(Log10)
TimePoints

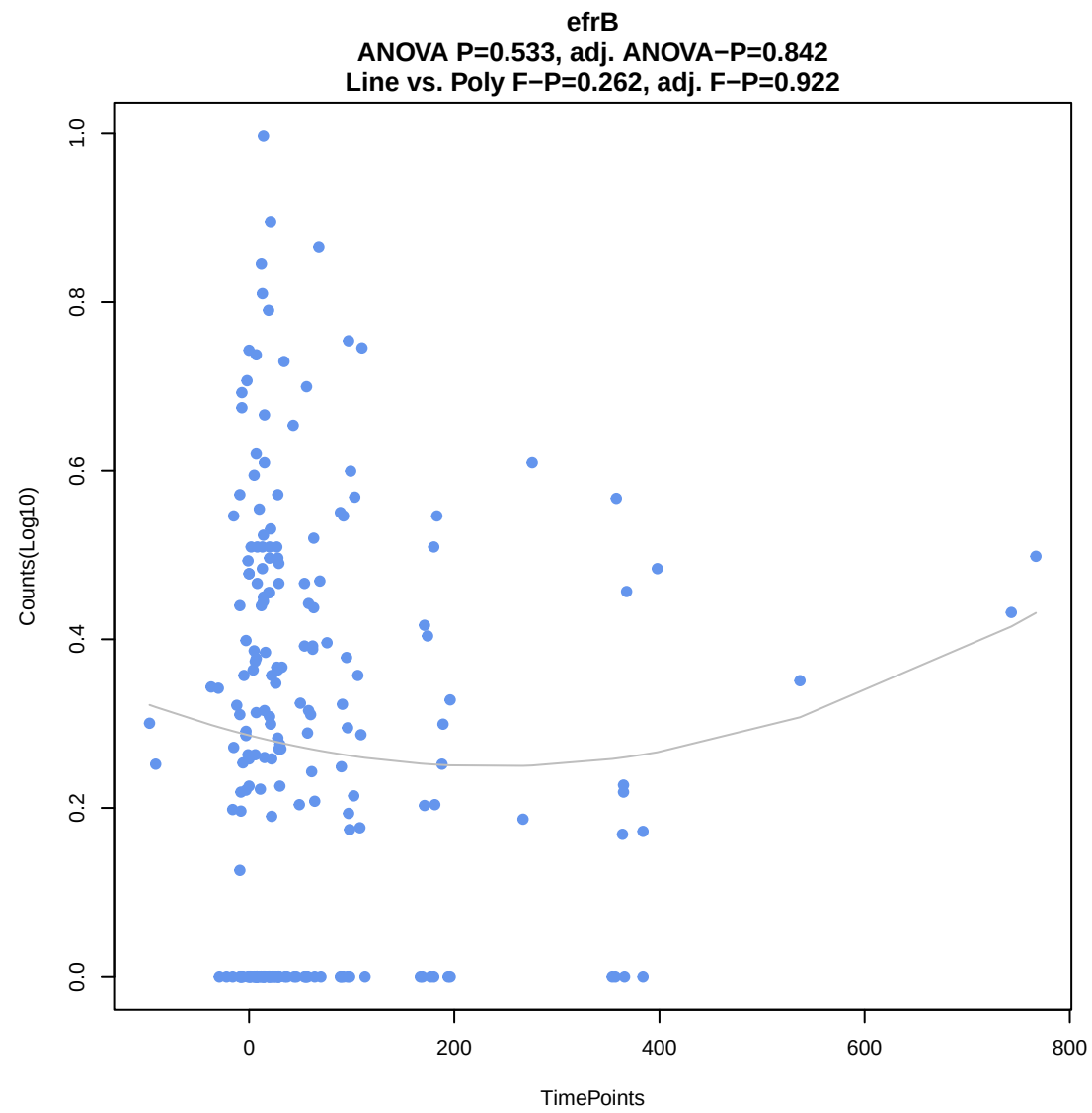

msrC
ANOVA P=0.462, adj. ANOVA−P=0.799
Line vs. Poly F−P=0.927, adj. F−P=0.982
Counts(Log10)
TimePoints

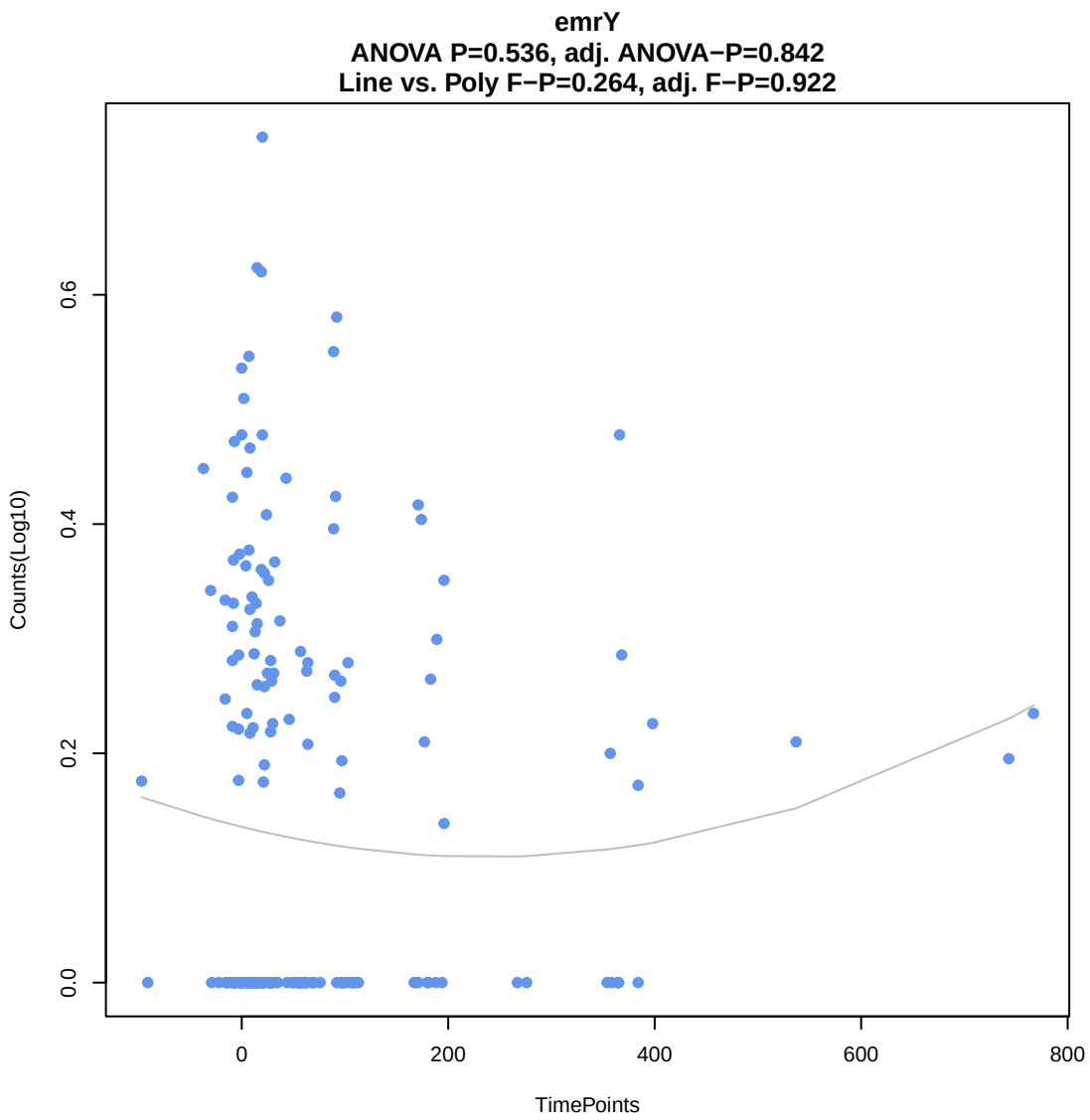

tet(40)
ANOVA P=0.466, adj. ANOVA−P=0.799
Line vs. Poly F−P=0.803, adj. F−P=0.977
Counts(Log10)
TimePoints

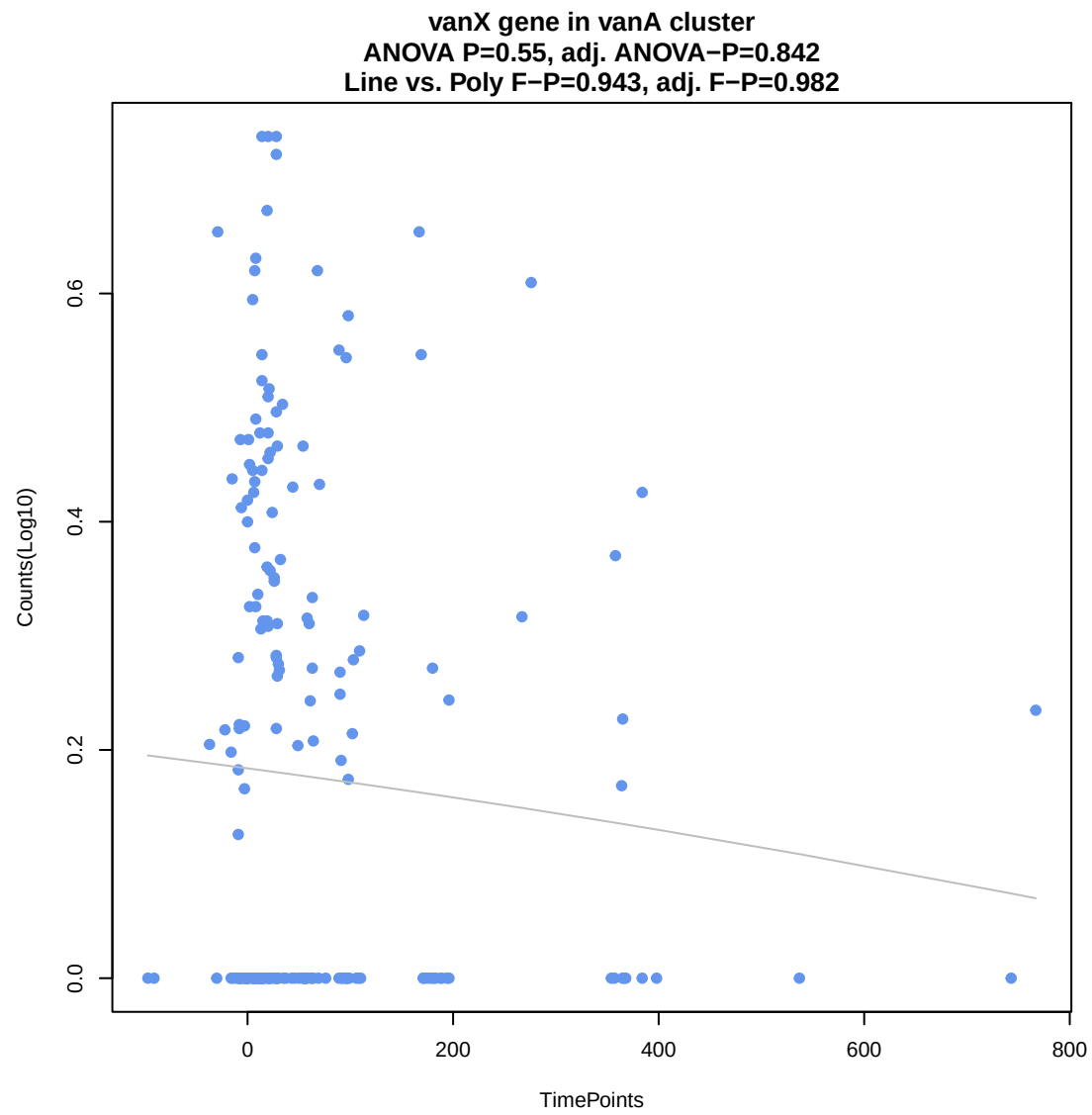

tet(W/N/W)
ANOVA P=0.47, adj. ANOVA−P=0.799
Line vs. Poly F−P=0.803, adj. F−P=0.977
Counts(Log10)
TimePoints

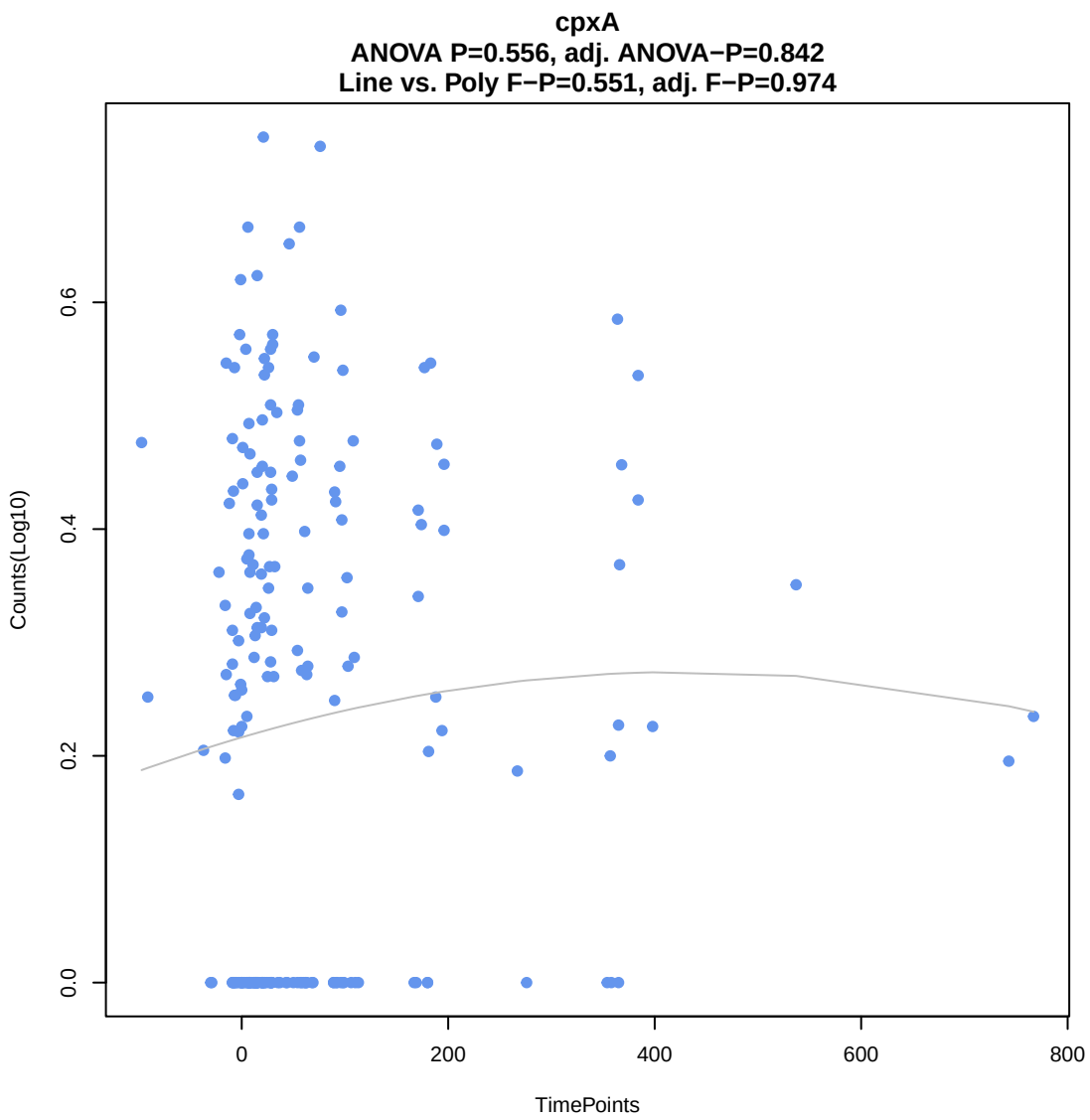

mdtE
ANOVA P=0.493, adj. ANOVA−P=0.825
Line vs. Poly F−P=0.451, adj. F−P=0.974
Counts(Log10)
TimePoints

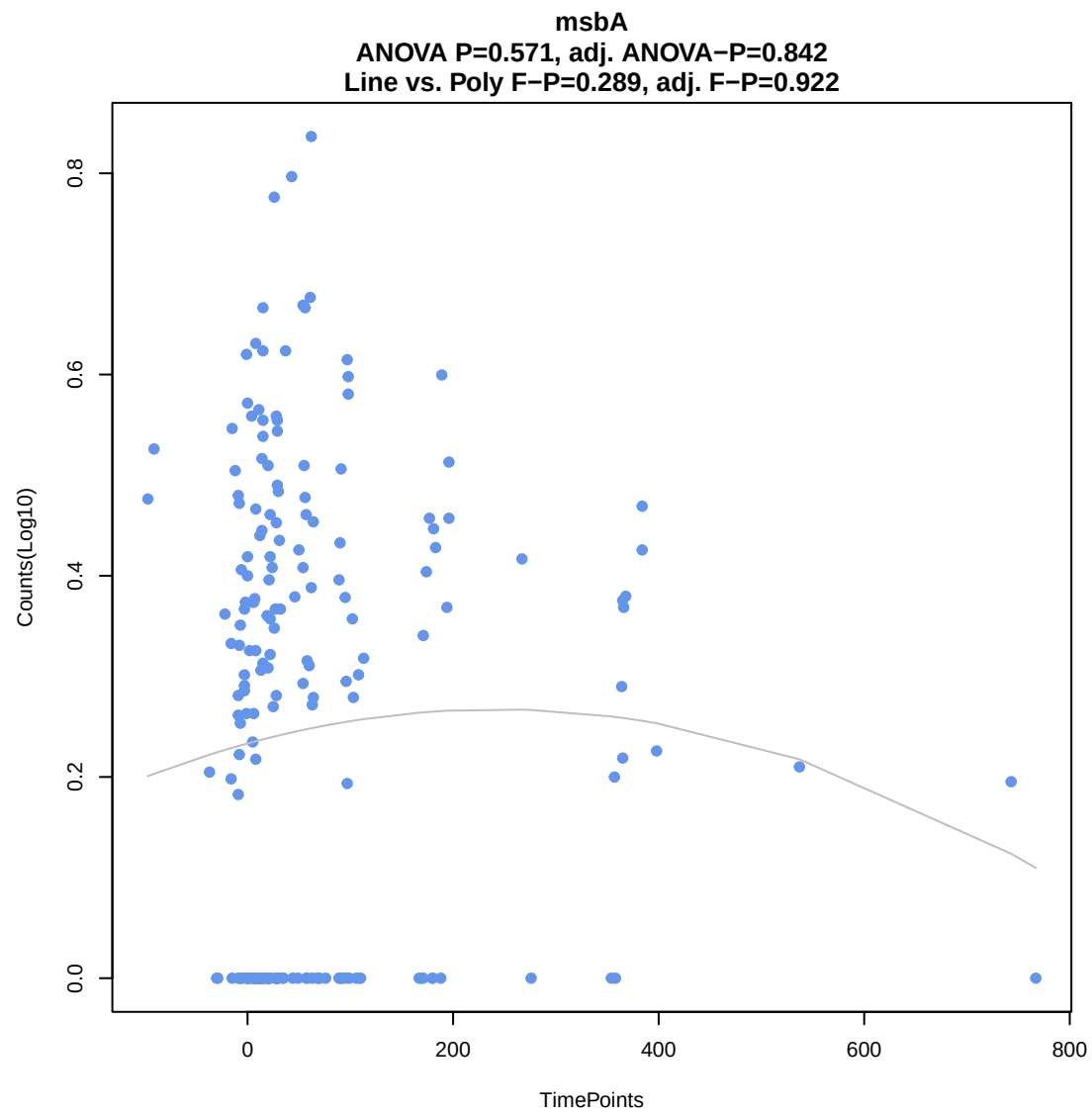

PmrF
ANOVA P=0.525, adj. ANOVA−P=0.842
Line vs. Poly F−P=0.378, adj. F−P=0.922
Counts(Log10)
TimePoints

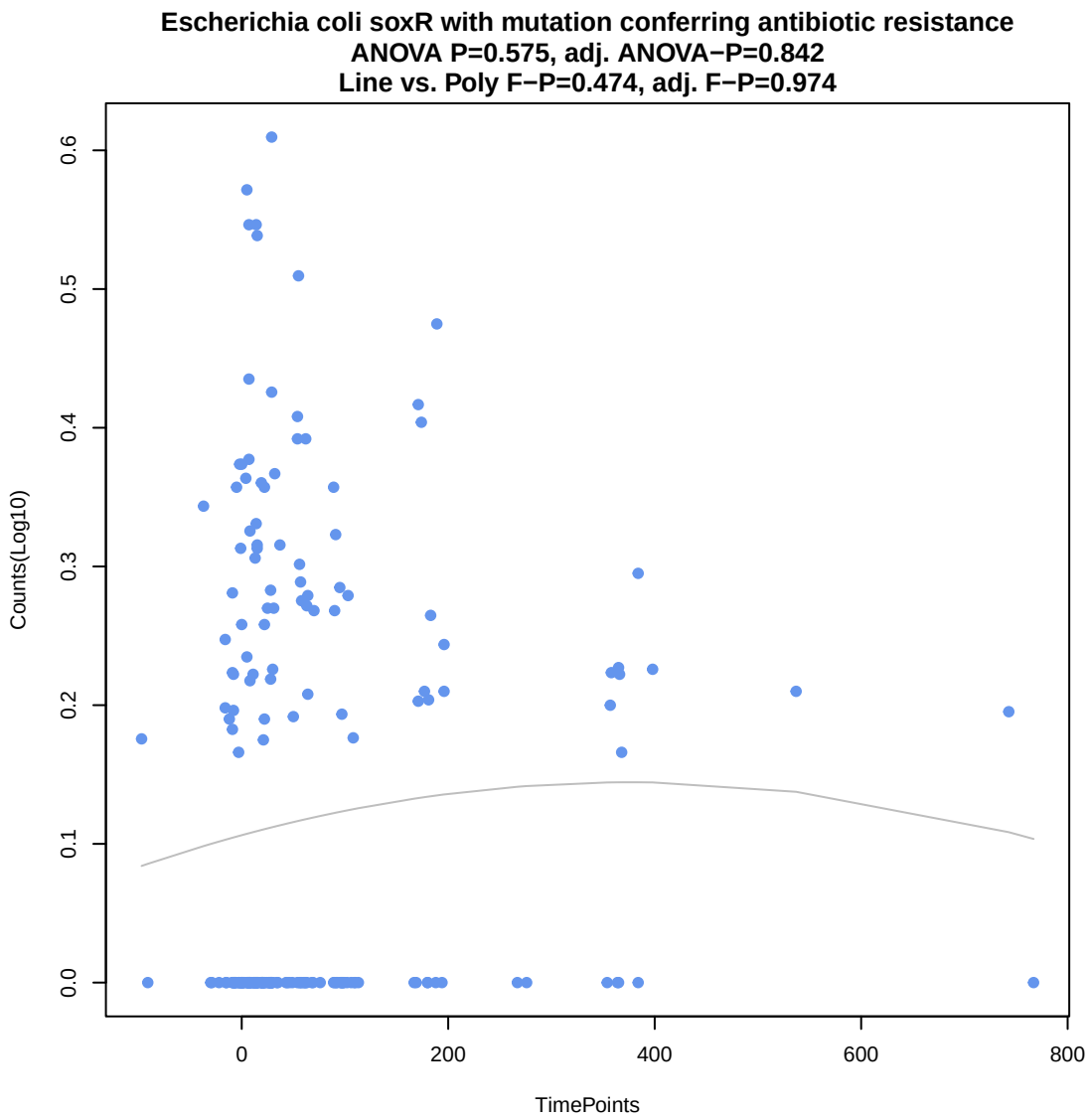

efrB
ANOVA P=0.533, adj. ANOVA−P=0.842
Line vs. Poly F−P=0.262, adj. F−P=0.922
Counts(Log10)
TimePoints

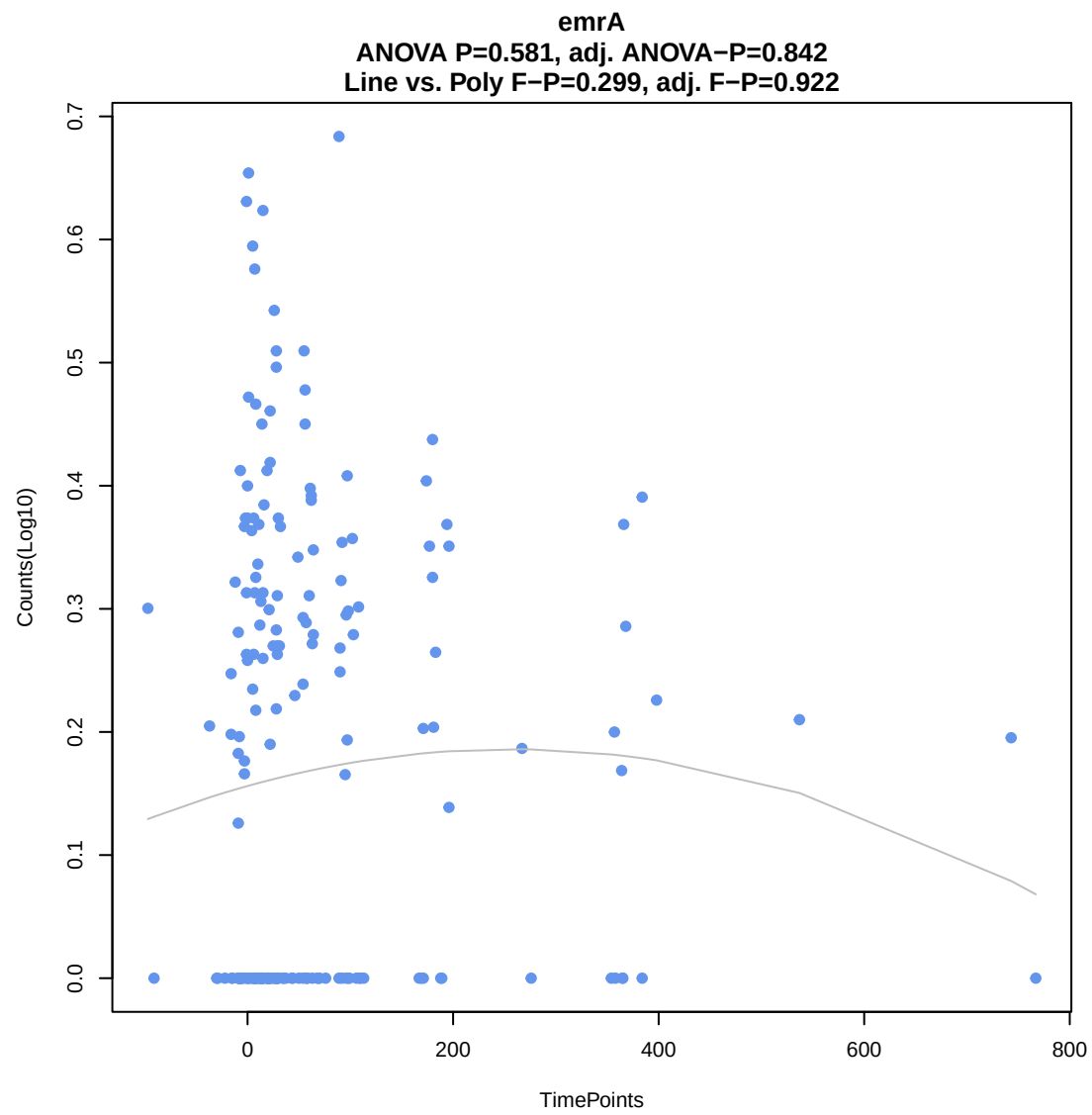

emrY
ANOVA P=0.536, adj. ANOVA−P=0.842
Line vs. Poly F−P=0.264, adj. F−P=0.922
Counts(Log10)
TimePoints

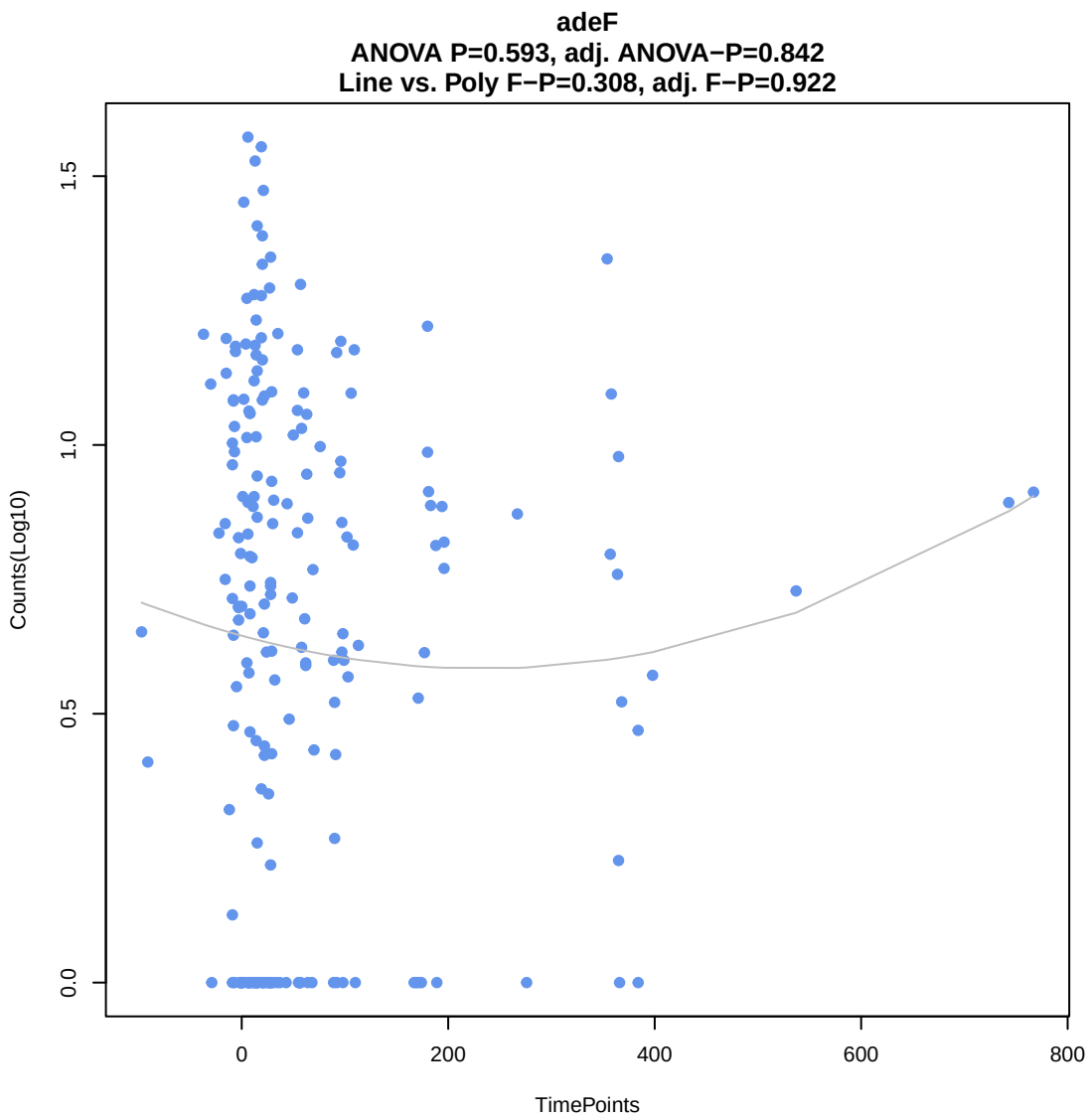

vanX gene in vanA cluster
ANOVA P=0.55, adj. ANOVA−P=0.842
Line vs. Poly F−P=0.943, adj. F−P=0.982
Counts(Log10)
TimePoints

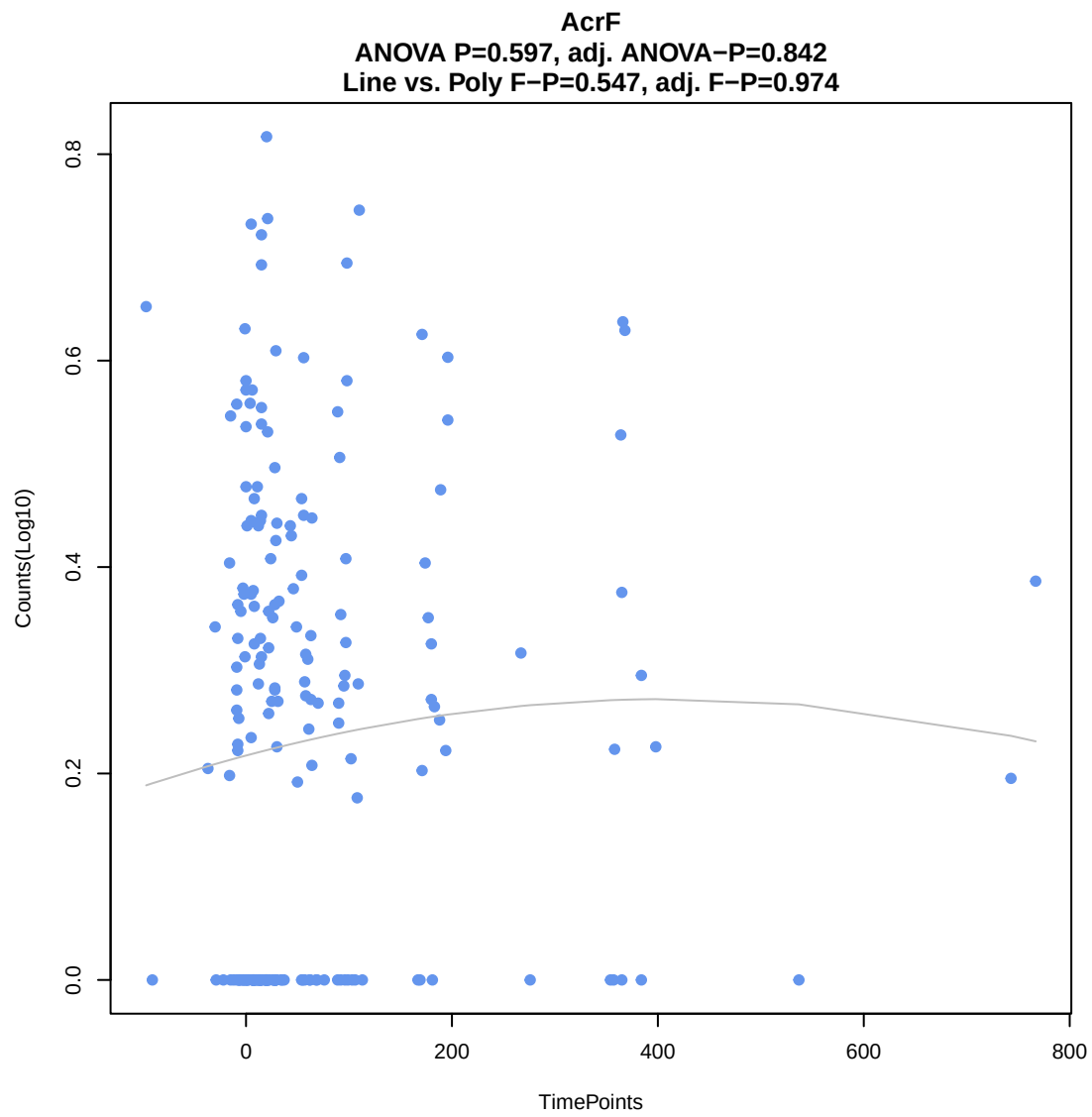

cpxA
ANOVA P=0.556, adj. ANOVA−P=0.842
Line vs. Poly F−P=0.551, adj. F−P=0.974
Counts(Log10)
TimePoints

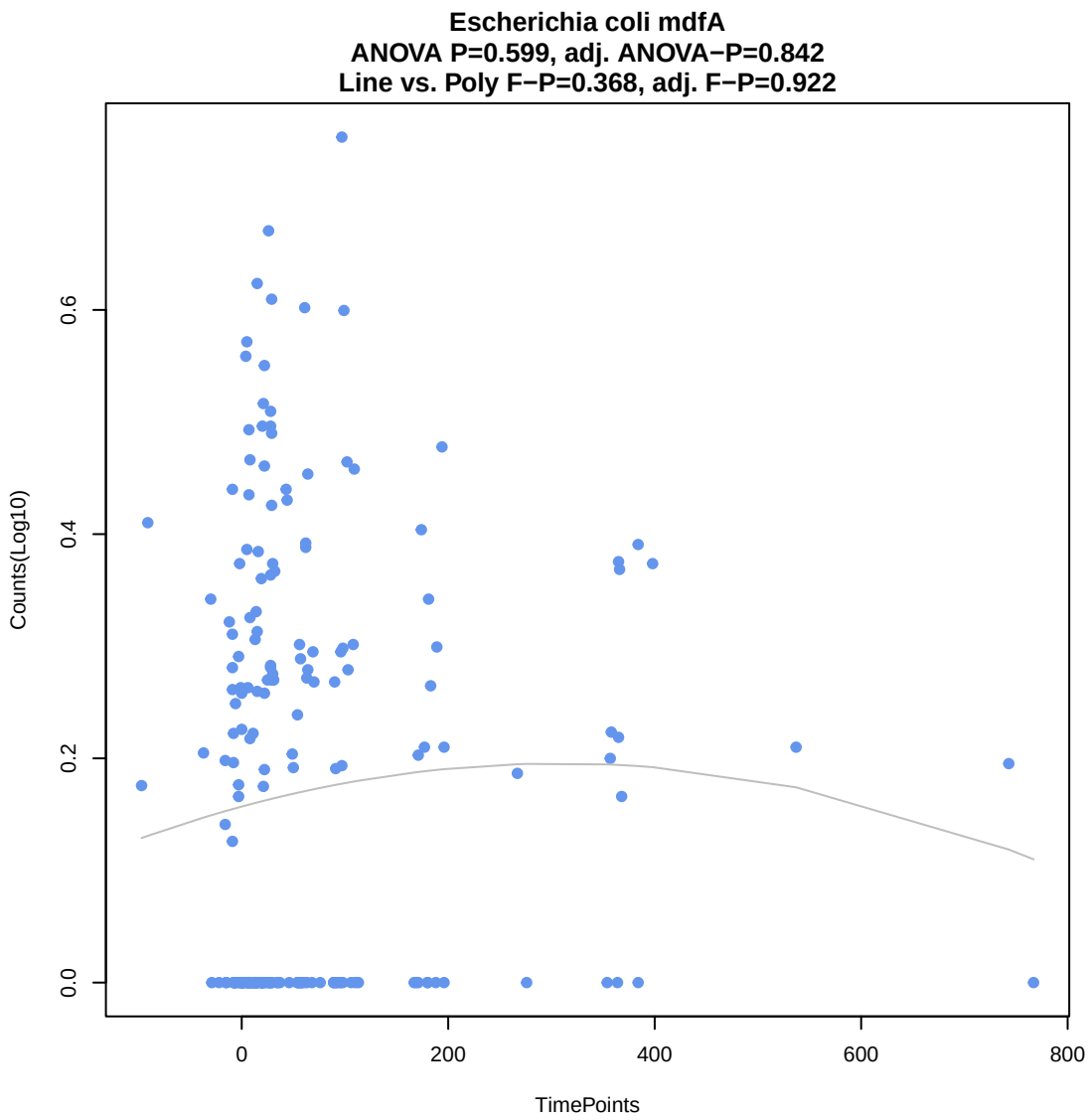

msbA
ANOVA P=0.571, adj. ANOVA−P=0.842
Line vs. Poly F−P=0.289, adj. F−P=0.922
Counts(Log10)
TimePoints

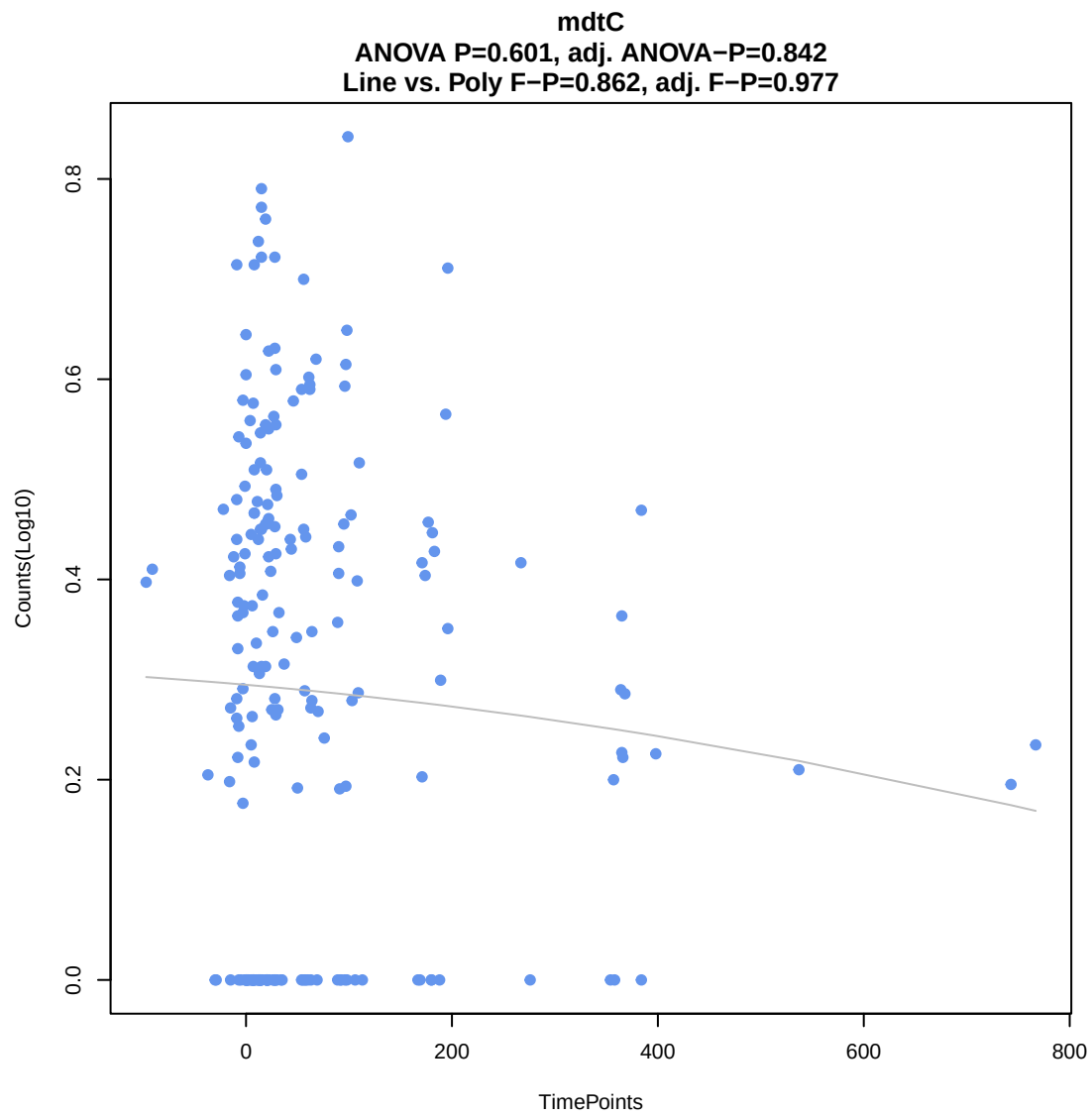

Escherichia coli soxR with mutation conferring antibiotic resistance
ANOVA P=0.575, adj. ANOVA−P=0.842
Line vs. Poly F−P=0.474, adj. F−P=0.974
Counts(Log10)
TimePoints

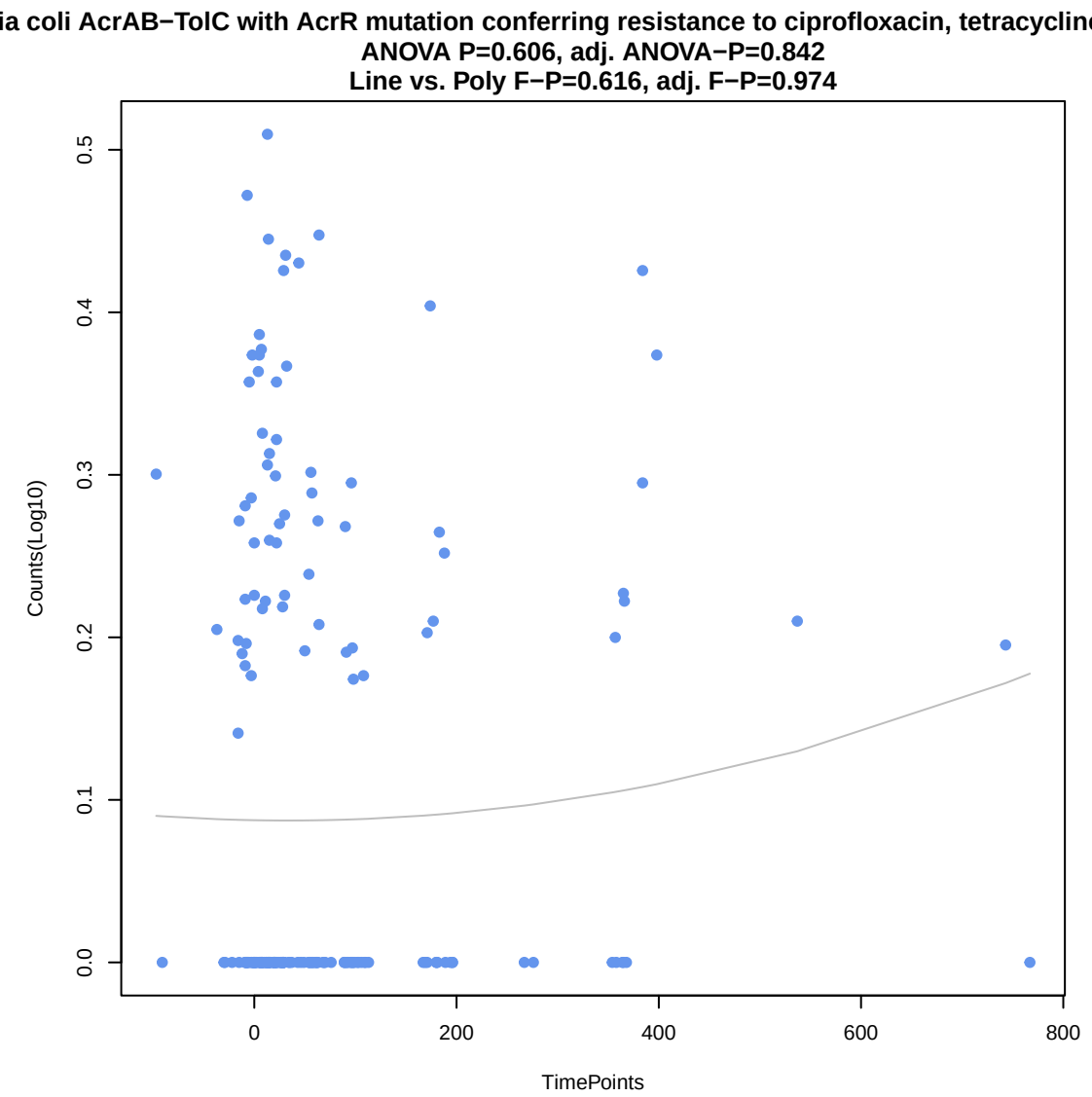

emrA
ANOVA P=0.581, adj. ANOVA−P=0.842
Line vs. Poly F−P=0.299, adj. F−P=0.922
Counts(Log10)
TimePoints

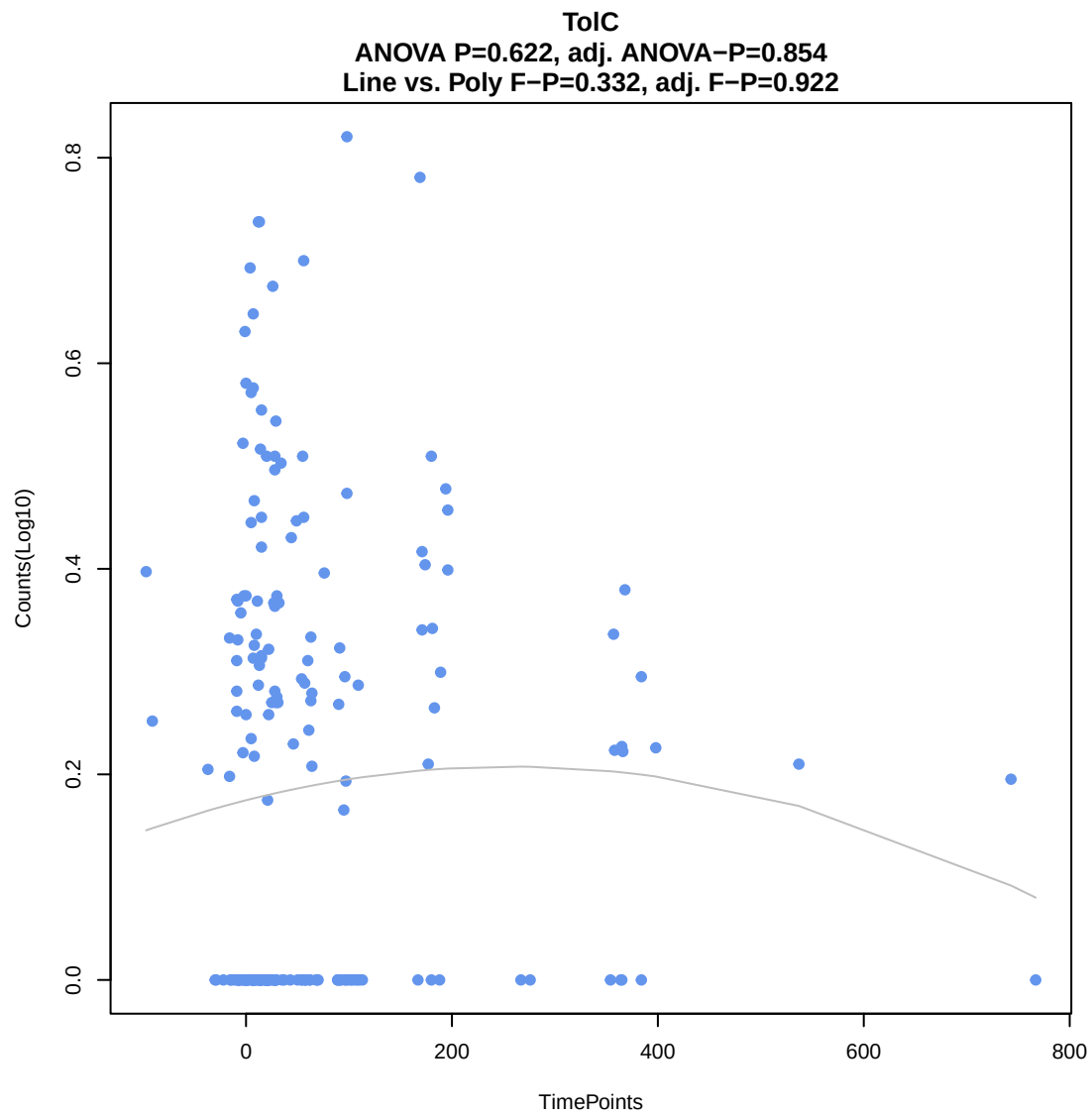

adeF
ANOVA P=0.593, adj. ANOVA−P=0.842
Line vs. Poly F−P=0.308, adj. F−P=0.922
Counts(Log10)
TimePoints


AcrF
ANOVA P=0.597, adj. ANOVA−P=0.842
Line vs. Poly F−P=0.547, adj. F−P=0.974
Counts(Log10)
TimePoints

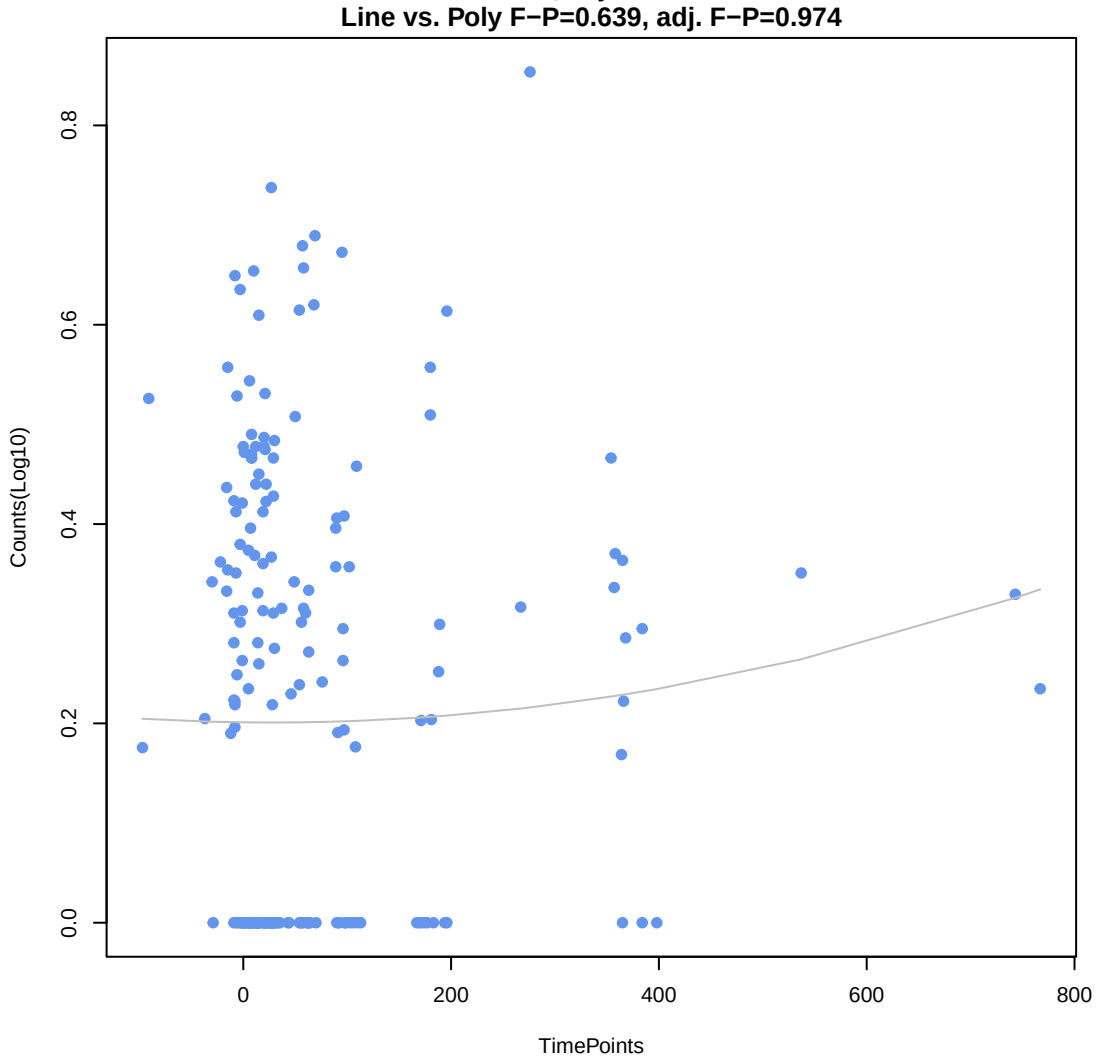

Escherichia coli mdfA
ANOVA P=0.599, adj. ANOVA−P=0.842
Line vs. Poly F−P=0.368, adj. F−P=0.922
Counts(Log10)
TimePoints


mdtC
ANOVA P=0.601, adj. ANOVA−P=0.842
Line vs. Poly F−P=0.862, adj. F−P=0.977
Counts(Log10)
TimePoints

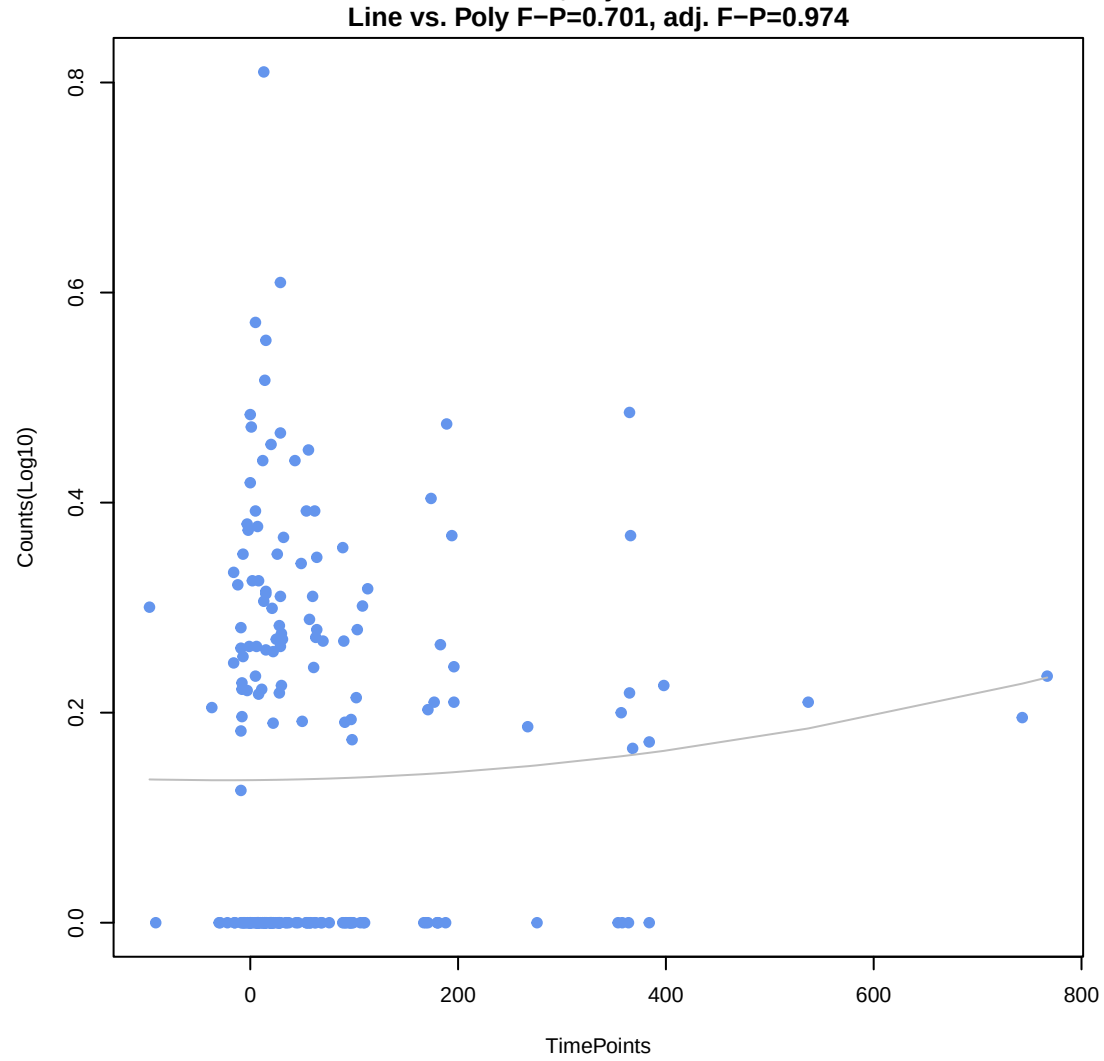

chia coli AcrAB−TolC with AcrR mutation conferring resistance to ciprofloxacin, tetracycline
ANOVA P=0.606, adj. ANOVA−P=0.842
Line vs. Poly F−P=0.616, adj. F−P=0.974
Counts(Log10)
TimePoints


TolC
ANOVA P=0.622, adj. ANOVA−P=0.854
Line vs. Poly F−P=0.332, adj. F−P=0.922
Counts(Log10)
TimePoints

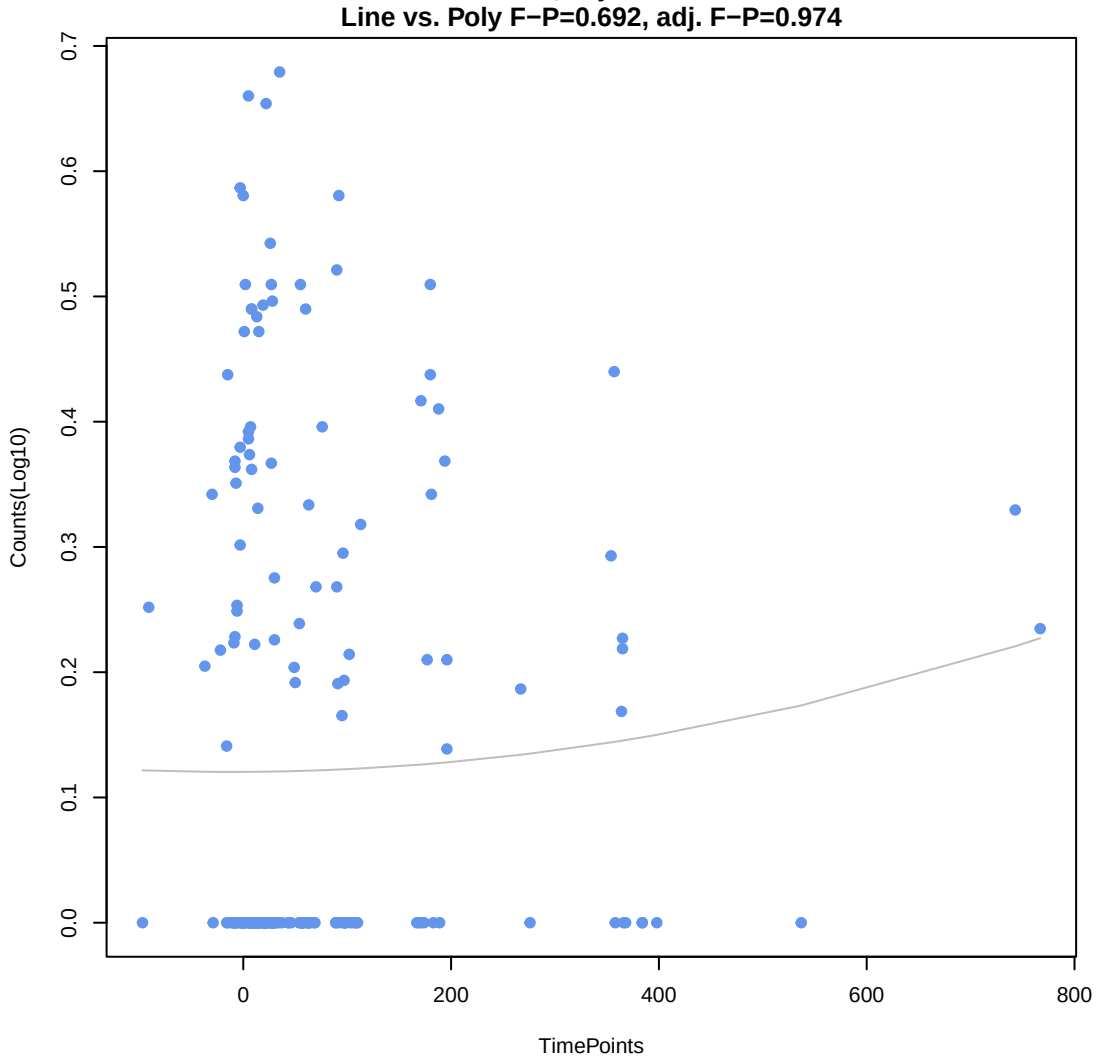
chrB
ANOVA P=0.634, adj. ANOVA−P=0.859
Line vs. Poly F−P=0.639, adj. F−P=0.974



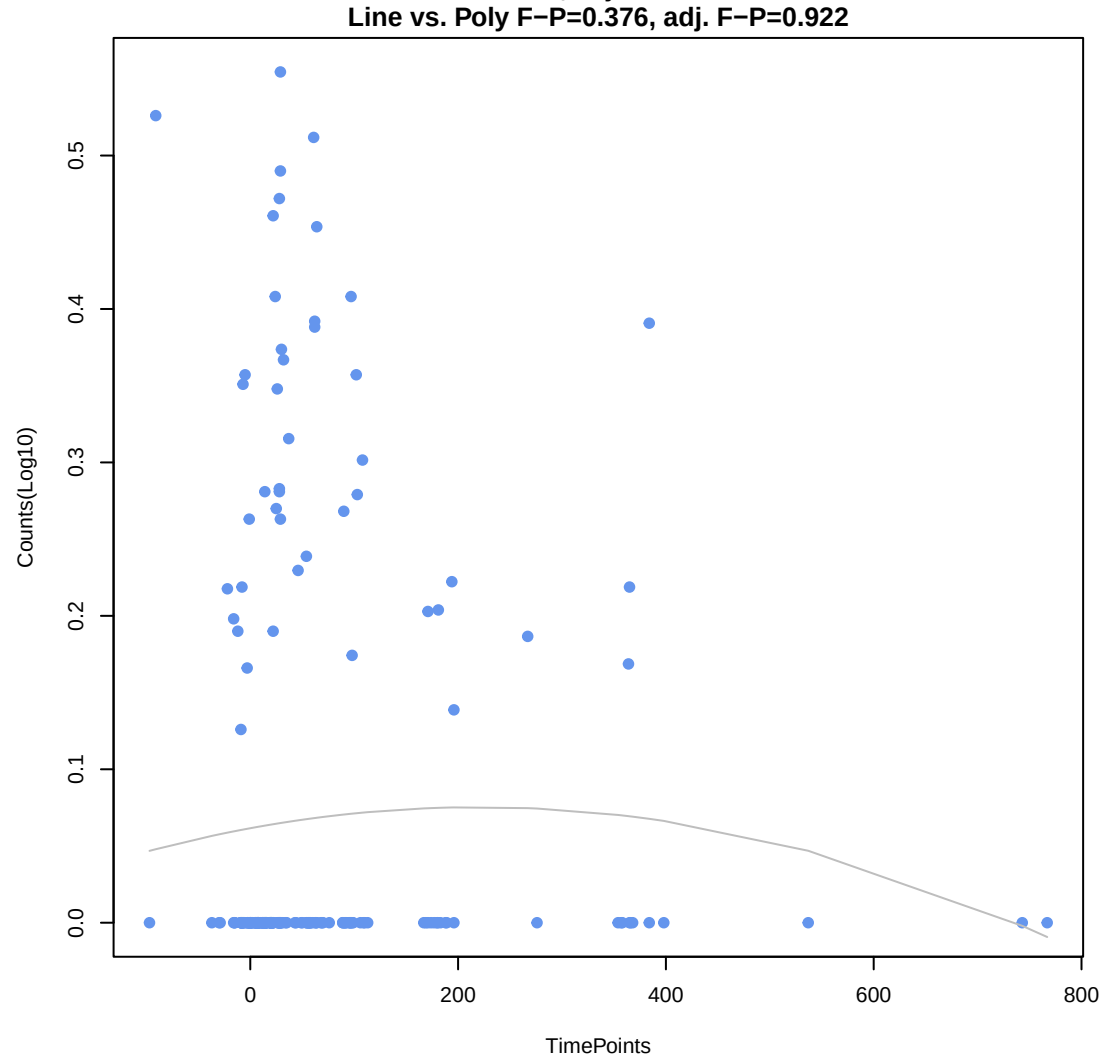
Escherichia coli acrA
ANOVA P=0.647, adj. ANOVA−P=0.866
Line vs. Poly F−P=0.701, adj. F−P=0.974



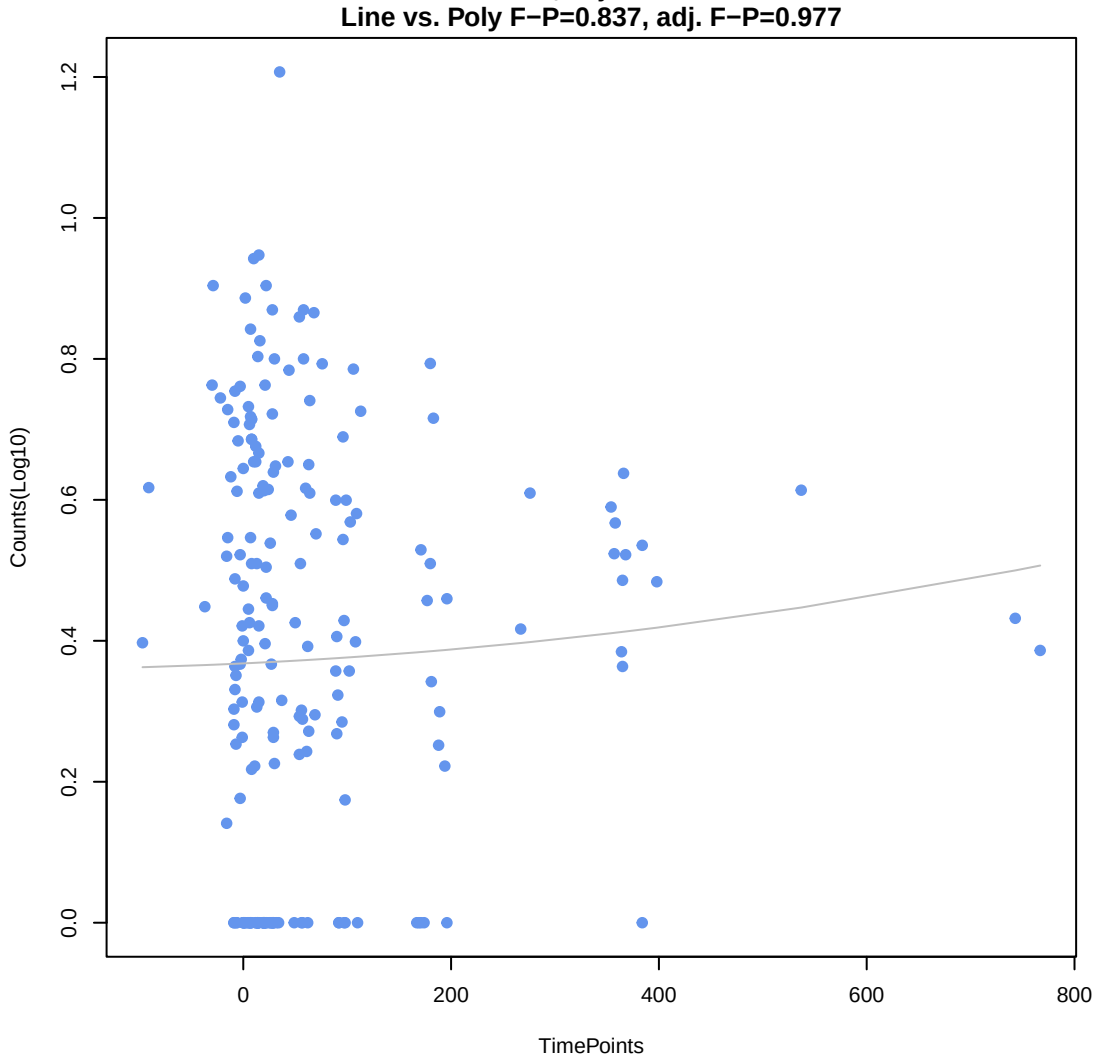
tet(W/32/O)
ANOVA P=0.656, adj. ANOVA−P=0.866
Line vs. Poly F−P=0.692, adj. F−P=0.974



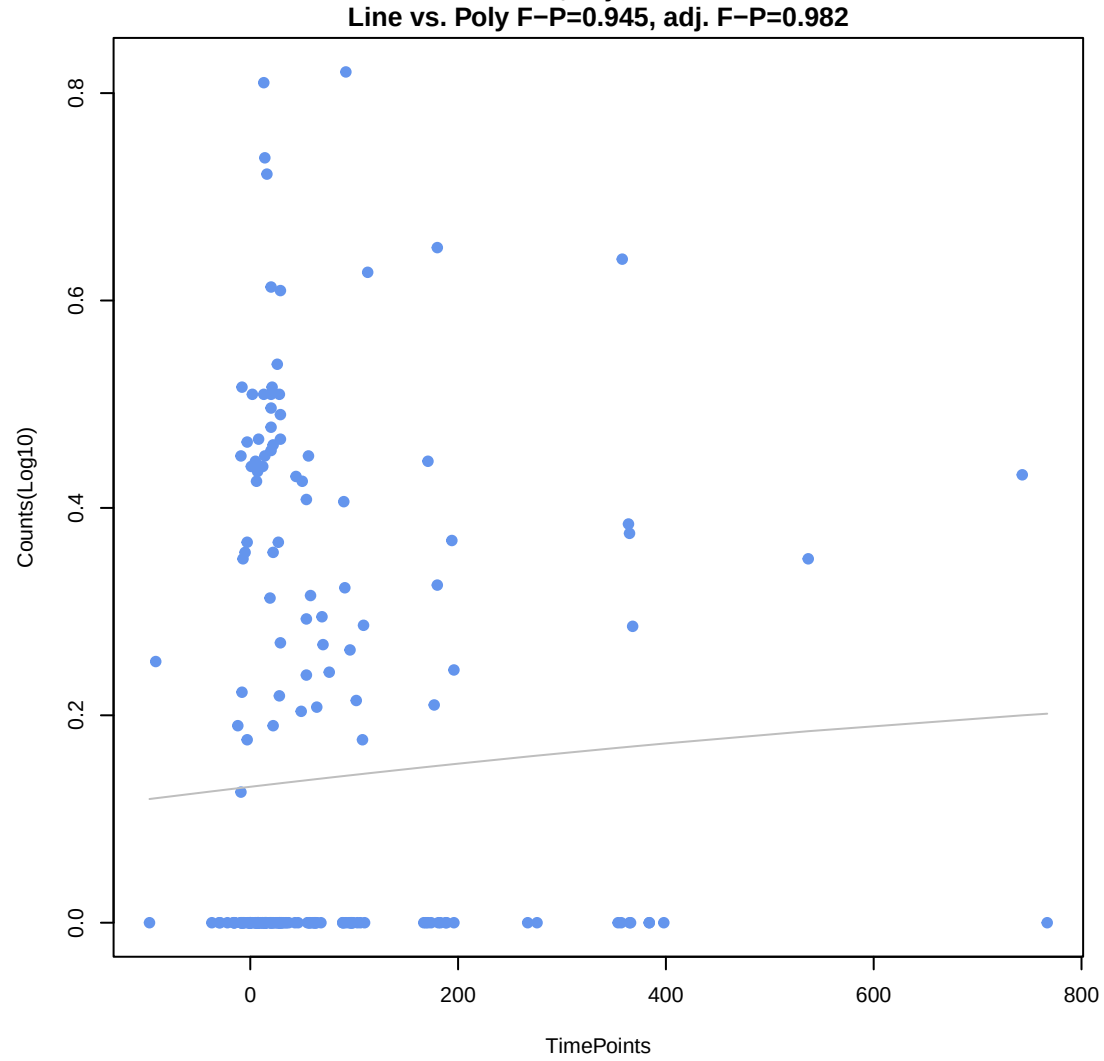
Escherichia coli UhpT with mutation conferring resistance to fosfomycin
ANOVA P=0.666, adj. ANOVA−P=0.869
Line vs. Poly F−P=0.376, adj. F−P=0.922

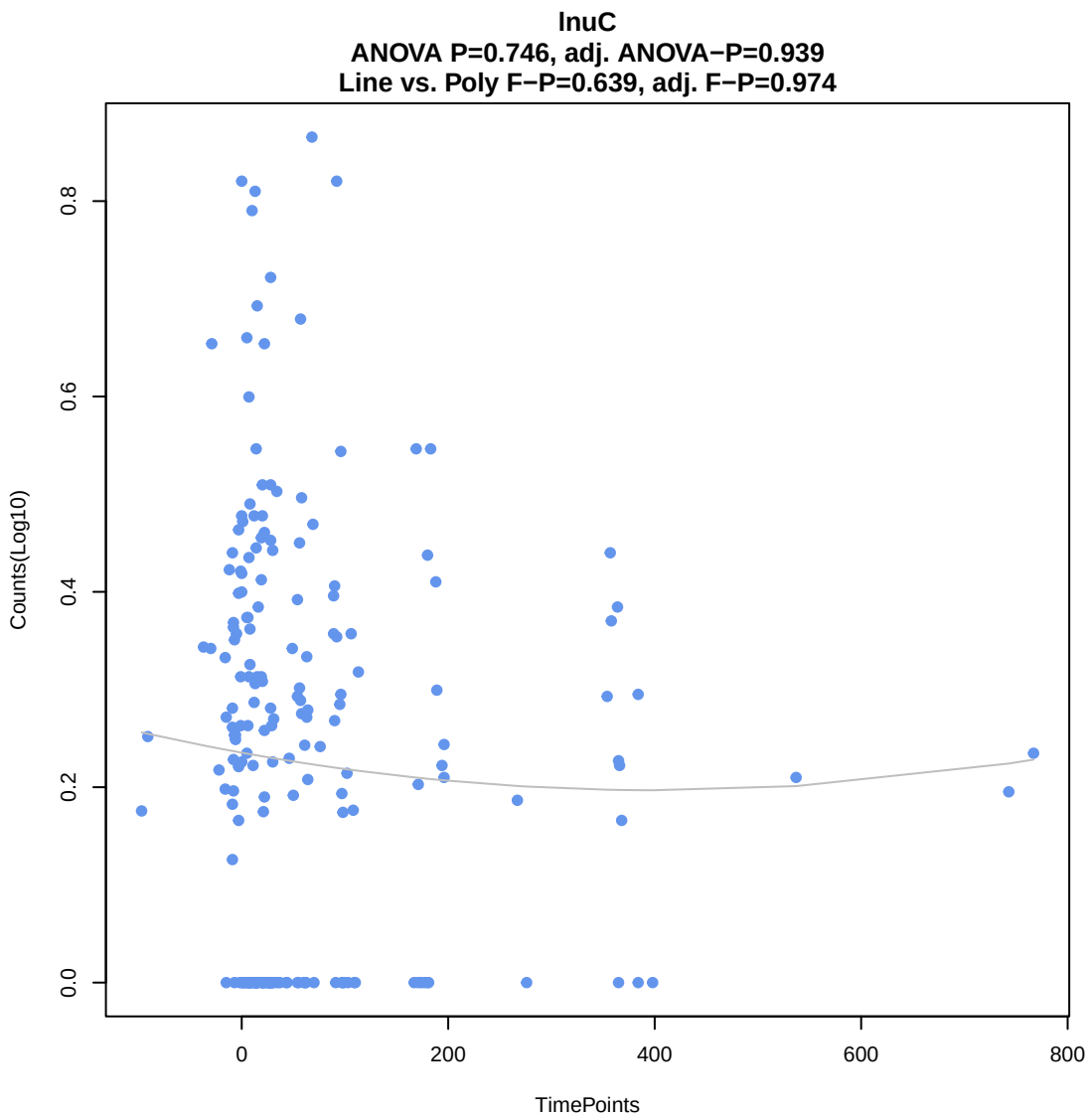


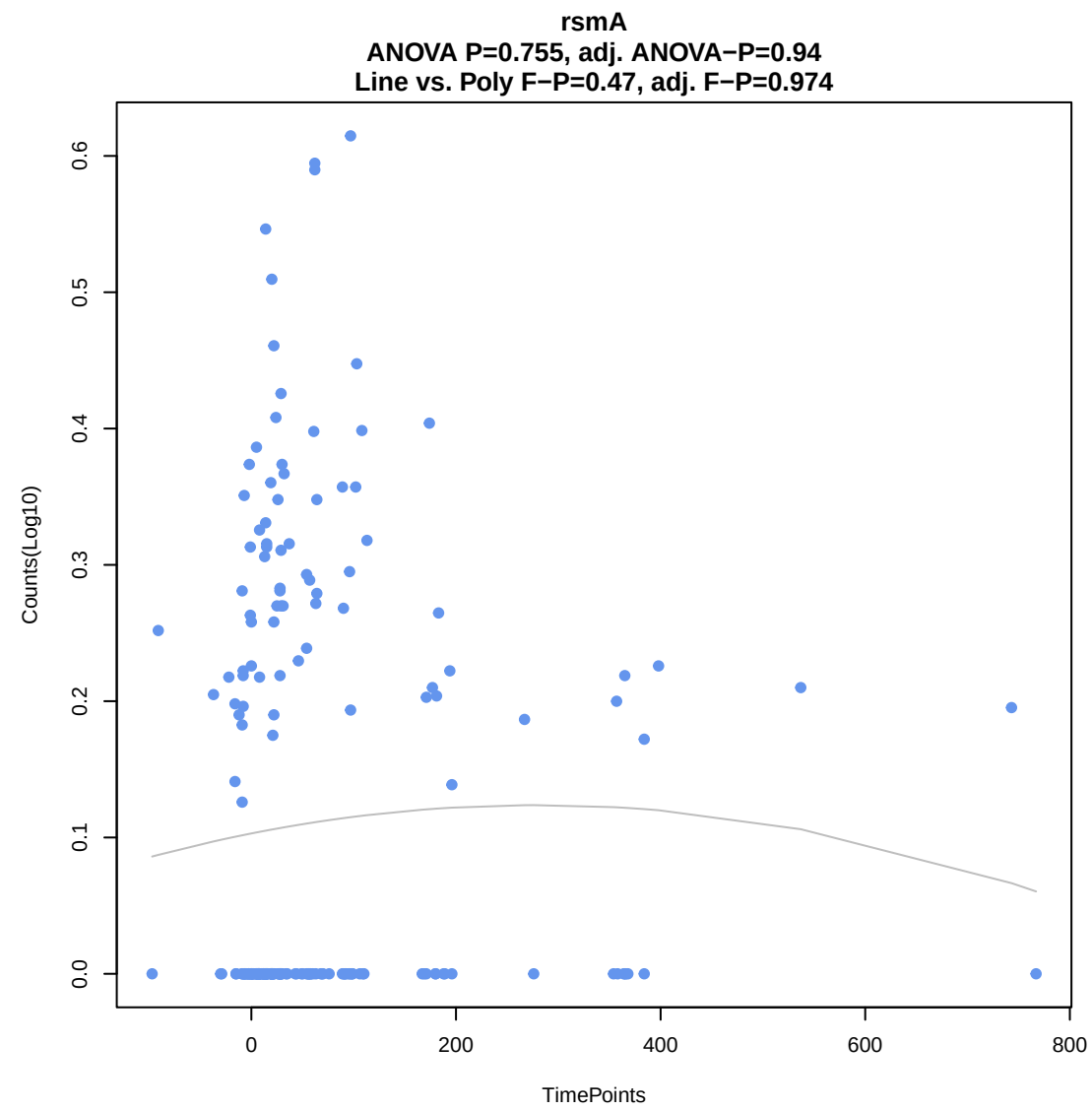
poxtA
ANOVA P=0.703, adj. ANOVA−P=0.903
Line vs. Poly F−P=0.837, adj. F−P=0.977

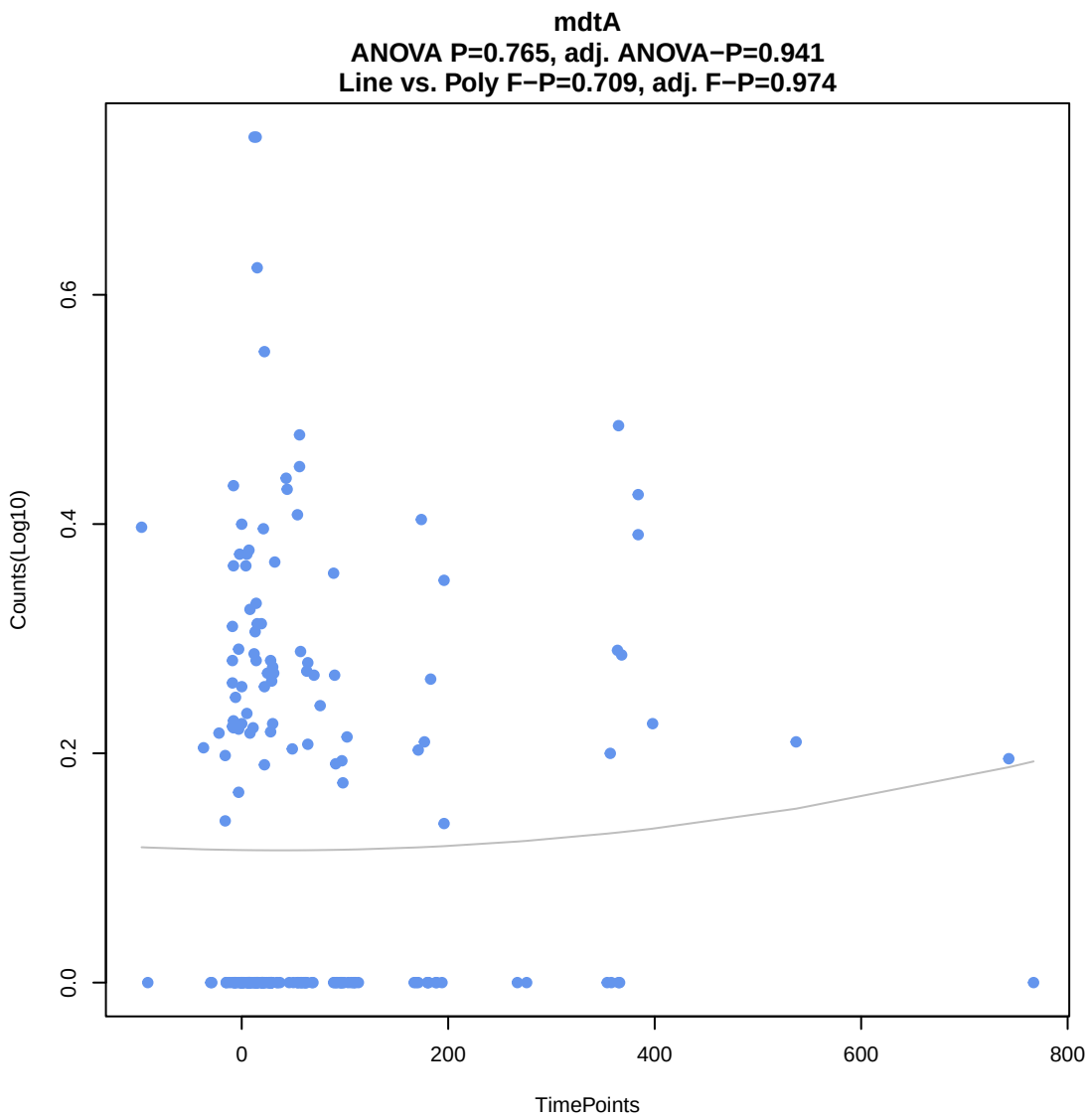


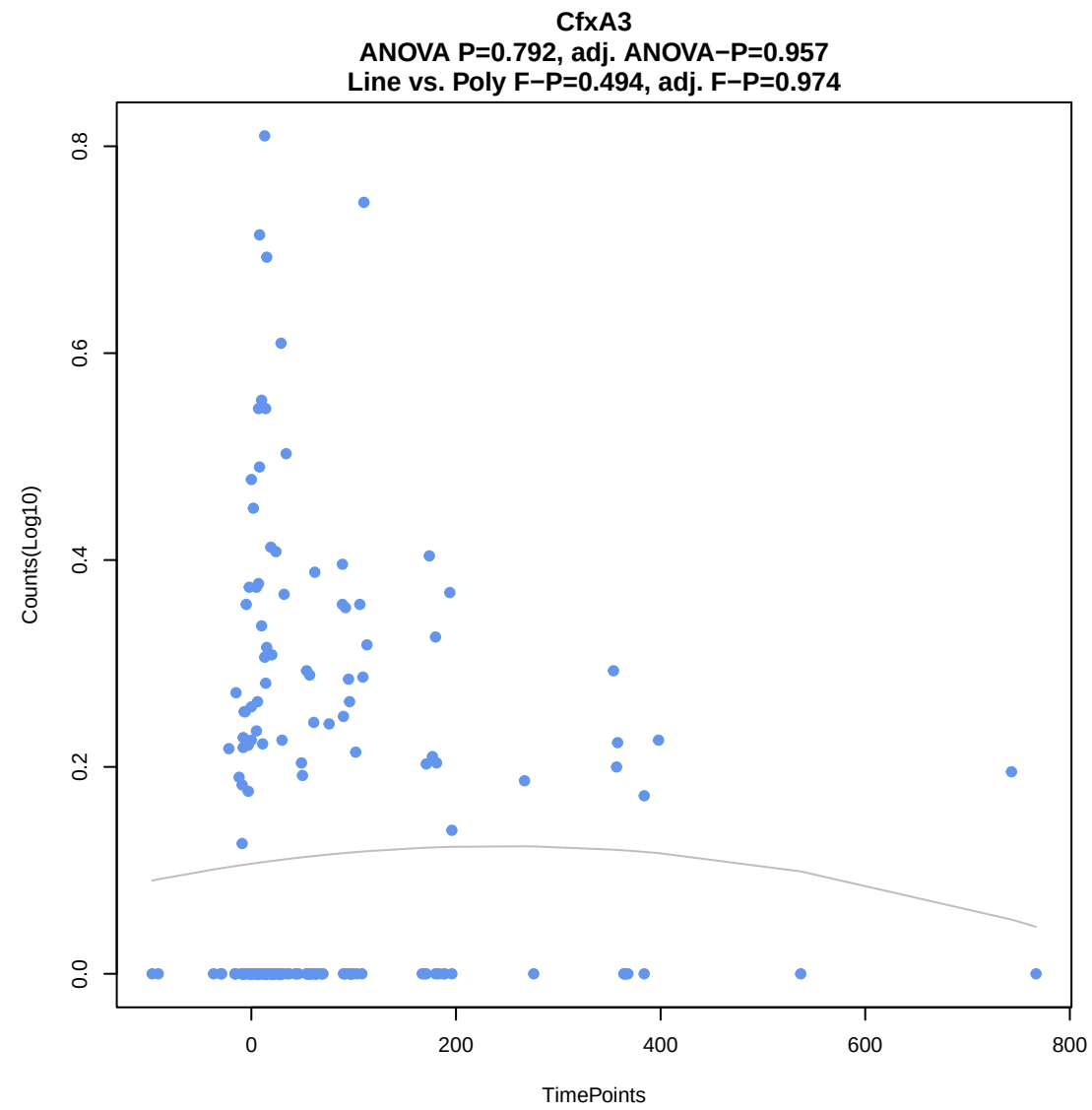
mdeA
ANOVA P=0.709, adj. ANOVA−P=0.903
Line vs. Poly F−P=0.945, adj. F−P=0.982

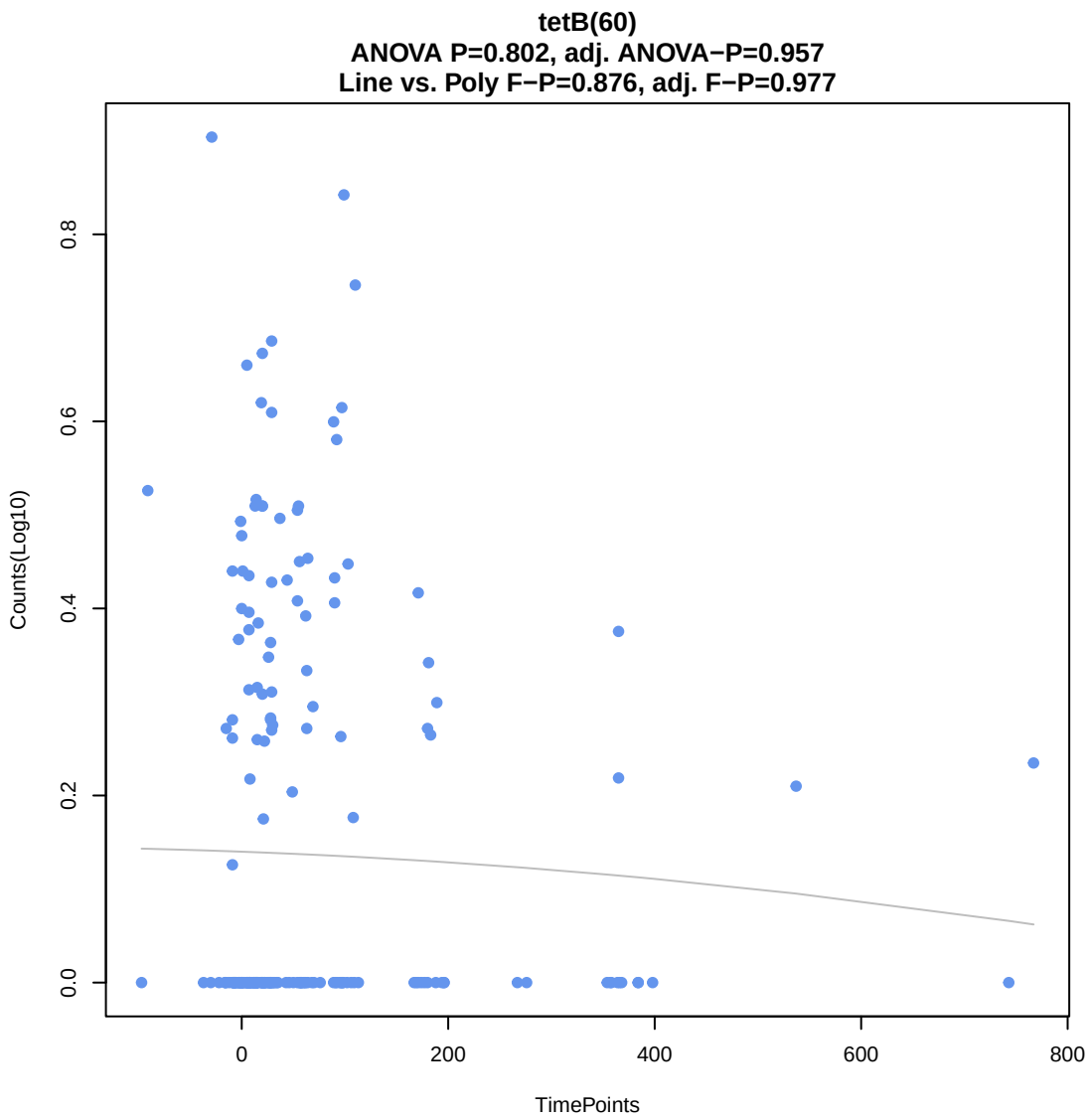


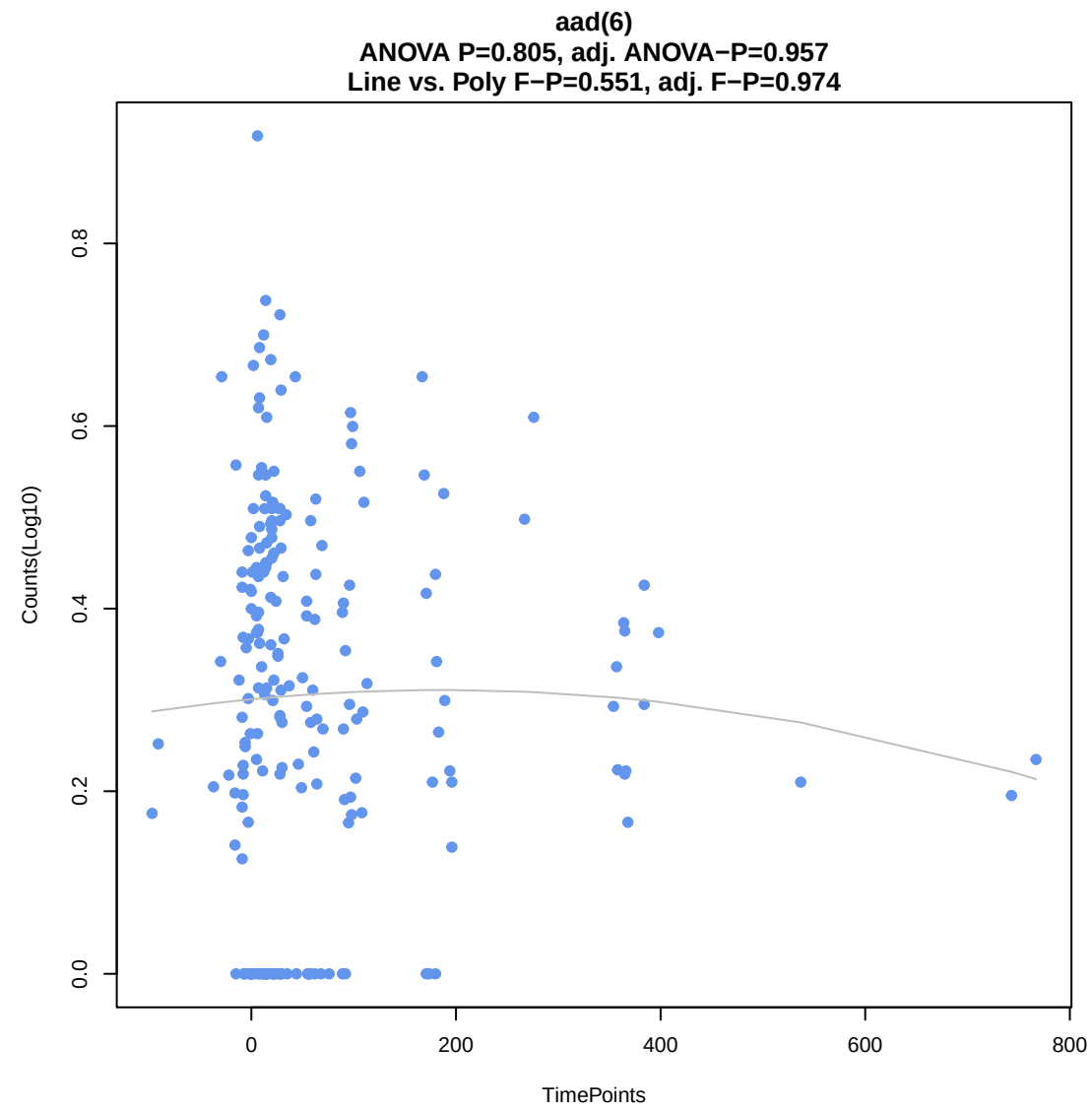

lnuC
ANOVA P=0.746, adj. ANOVA−P=0.939
Line vs. Poly F−P=0.639, adj. F−P=0.974
Counts(Log10)
TimePoints

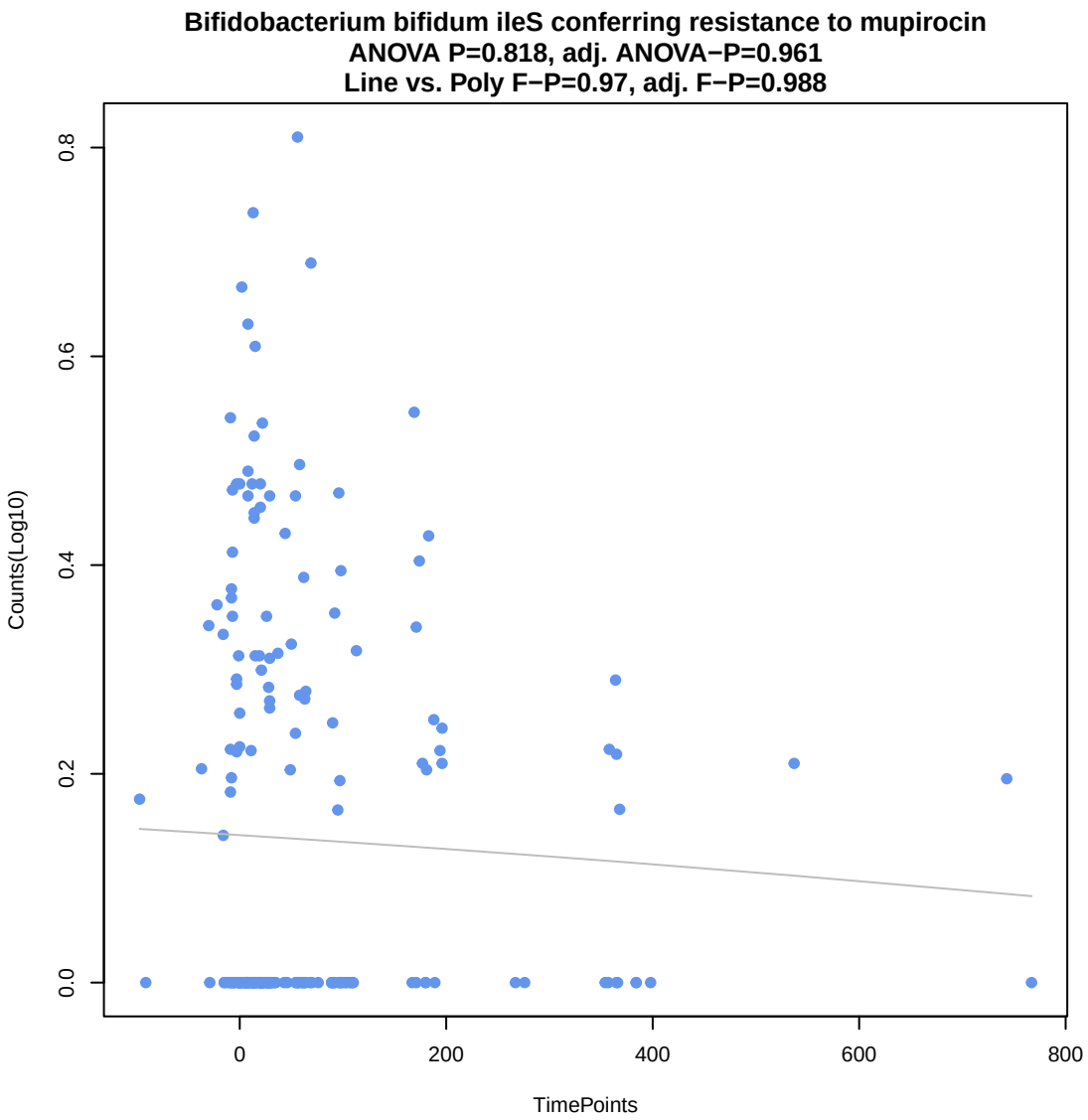

rsmA
ANOVA P=0.755, adj. ANOVA−P=0.94
Line vs. Poly F−P=0.47, adj. F−P=0.974
Counts(Log10)
TimePoints

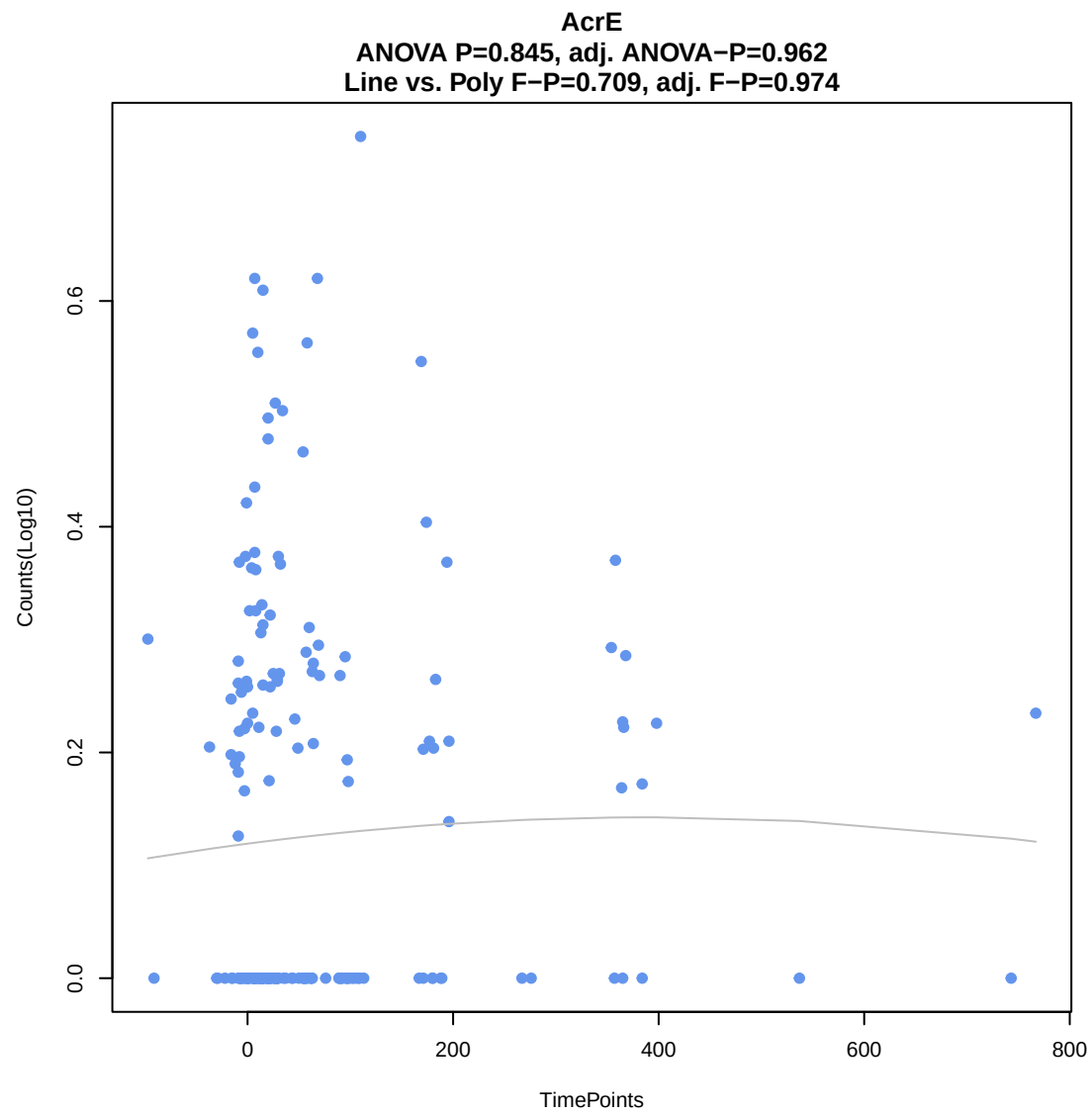

mdtA
ANOVA P=0.765, adj. ANOVA−P=0.941
Line vs. Poly F−P=0.709, adj. F−P=0.974
Counts(Log10)
TimePoints

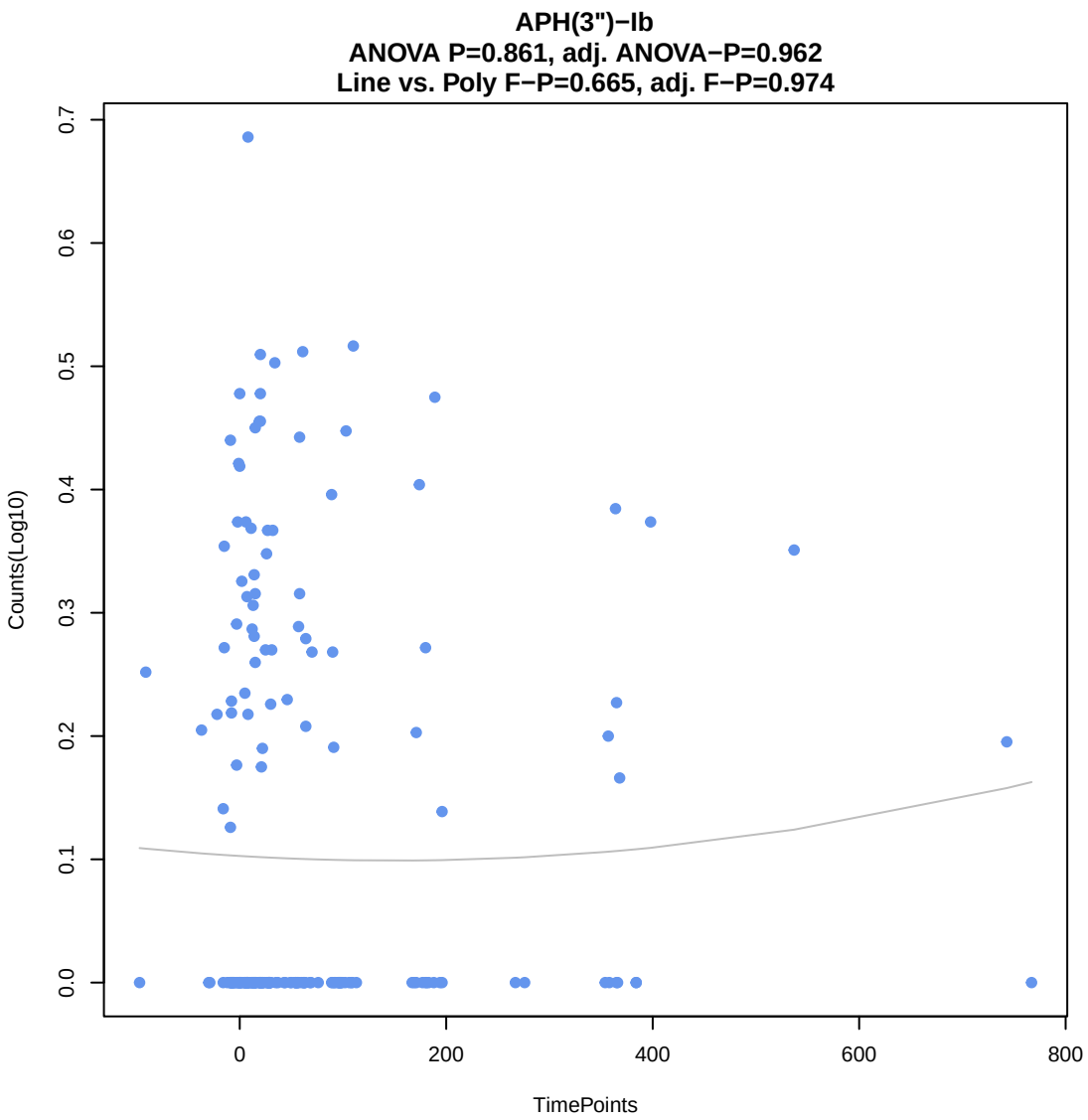

CfxA3
ANOVA P=0.792, adj. ANOVA−P=0.957
Line vs. Poly F−P=0.494, adj. F−P=0.974
Counts(Log10)
TimePoints

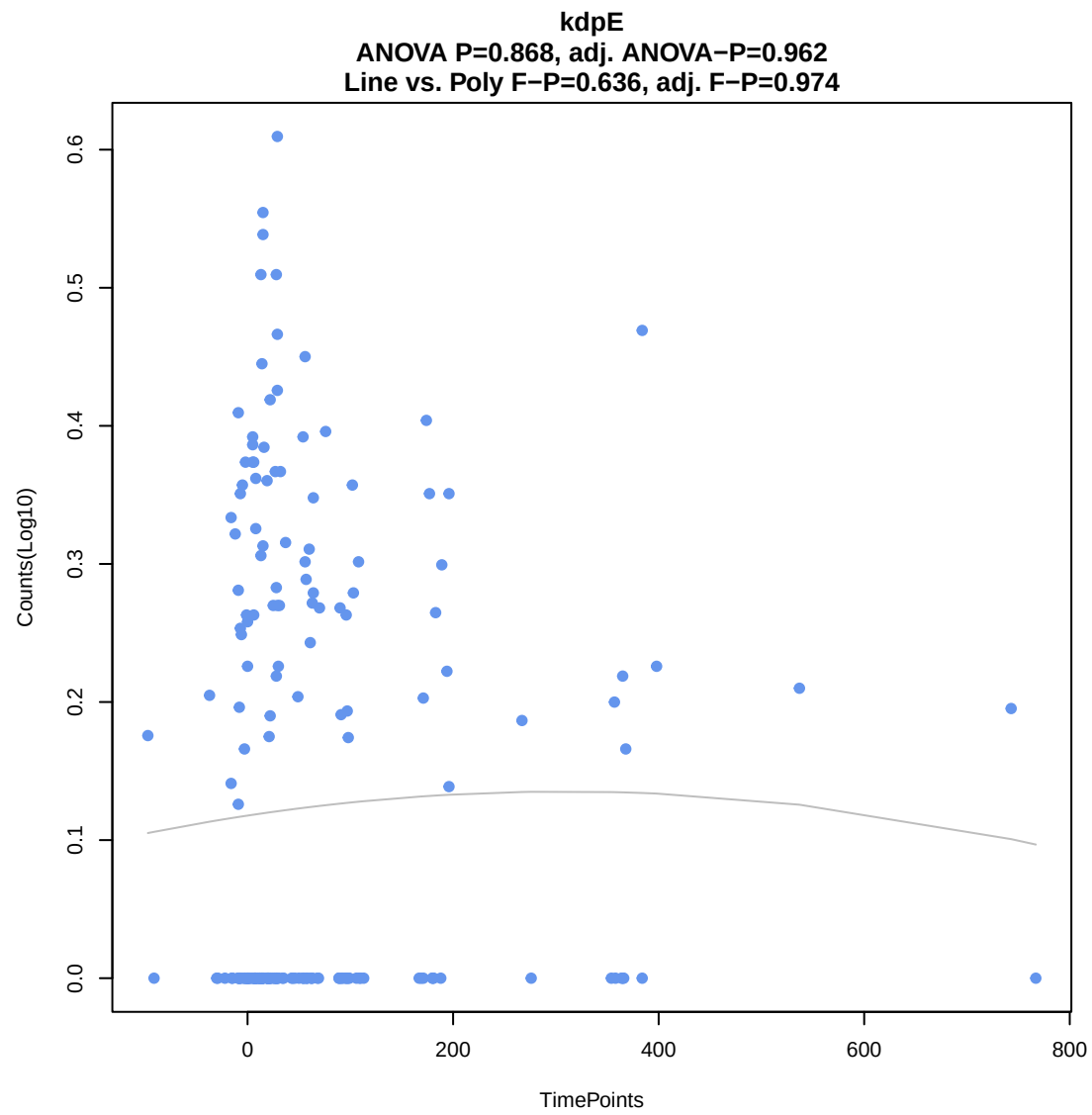

tetB(60)
ANOVA P=0.802, adj. ANOVA−P=0.957
Line vs. Poly F−P=0.876, adj. F−P=0.977
Counts(Log10)
TimePoints

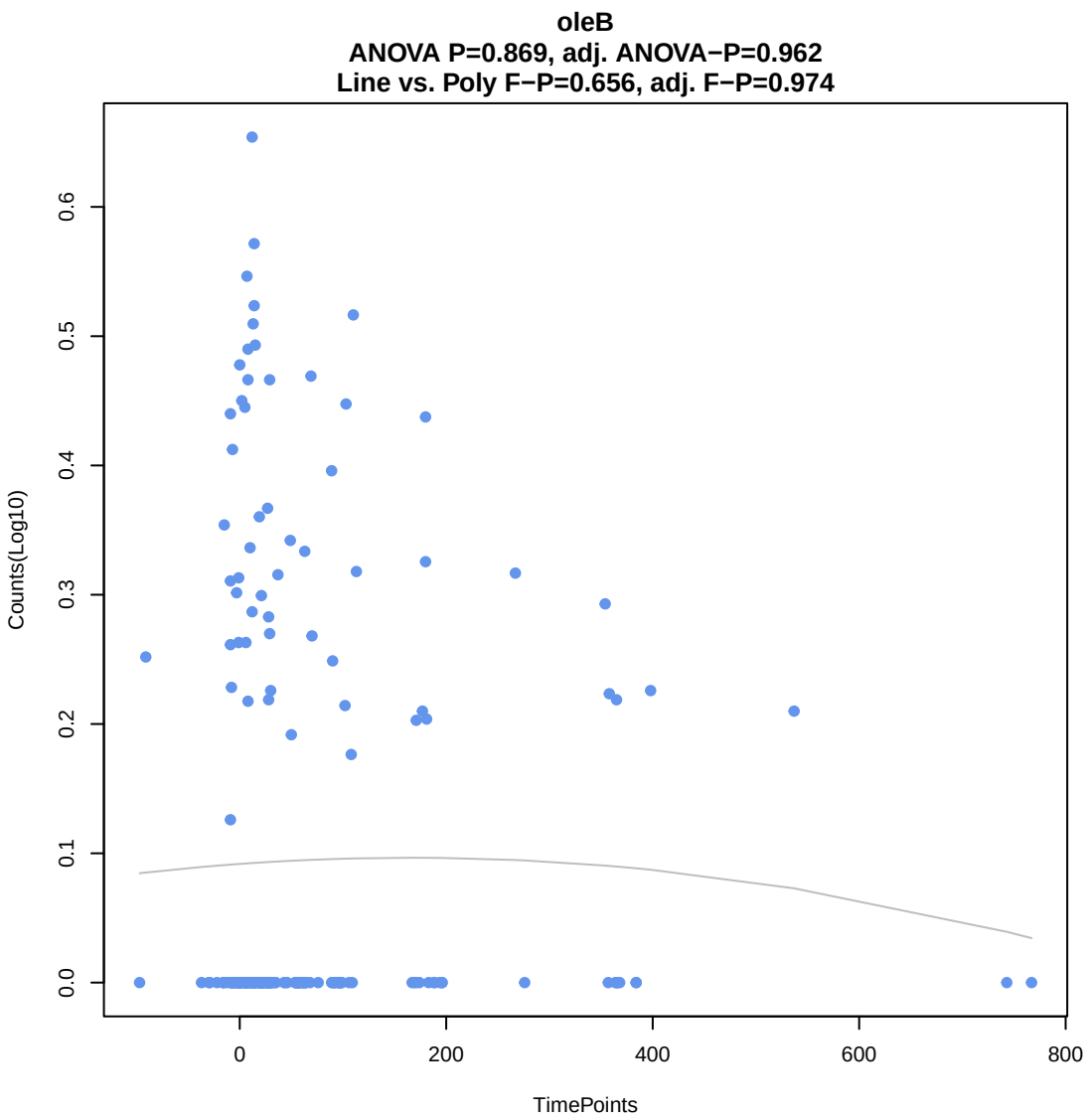

aad(6)
ANOVA P=0.805, adj. ANOVA−P=0.957
Line vs. Poly F−P=0.551, adj. F−P=0.974
Counts(Log10)
TimePoints

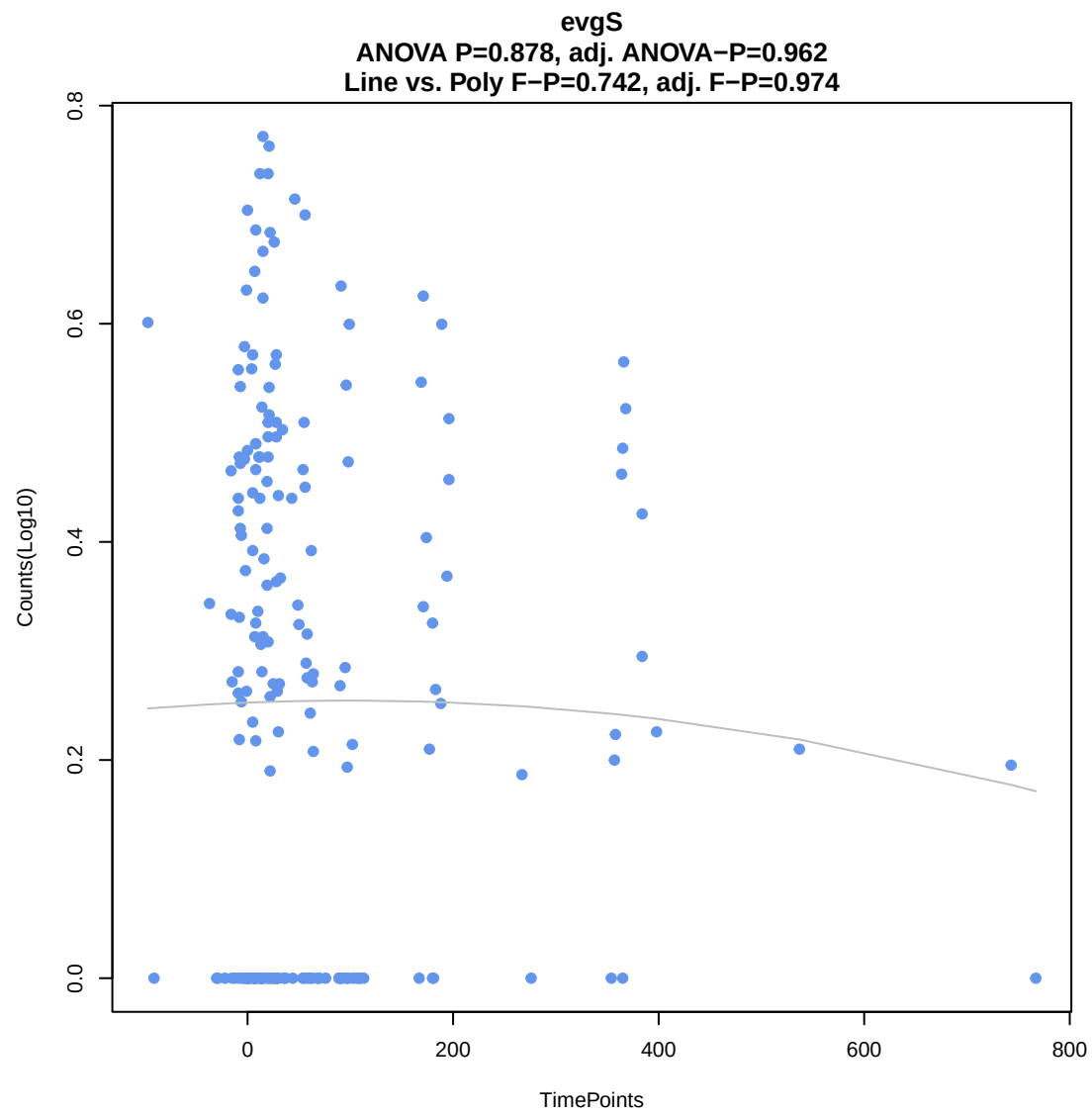

Bifidobacterium bifidum ileS conferring resistance to mupirocin
ANOVA P=0.818, adj. ANOVA−P=0.961
Line vs. Poly F−P=0.97, adj. F−P=0.988
Counts(Log10)
TimePoints

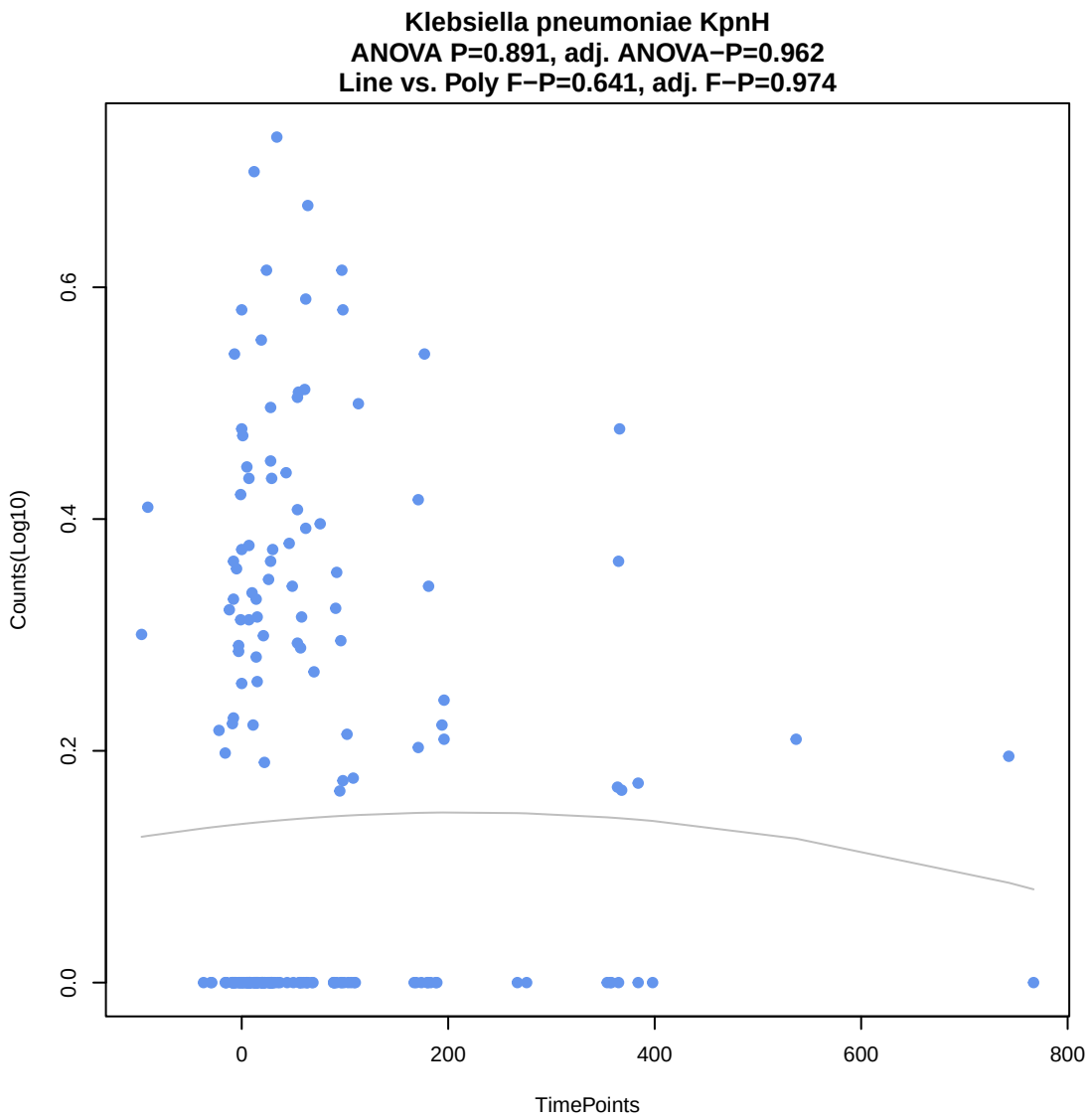

AcrE
ANOVA P=0.845, adj. ANOVA−P=0.962
Line vs. Poly F−P=0.709, adj. F−P=0.974
Counts(Log10)
TimePoints

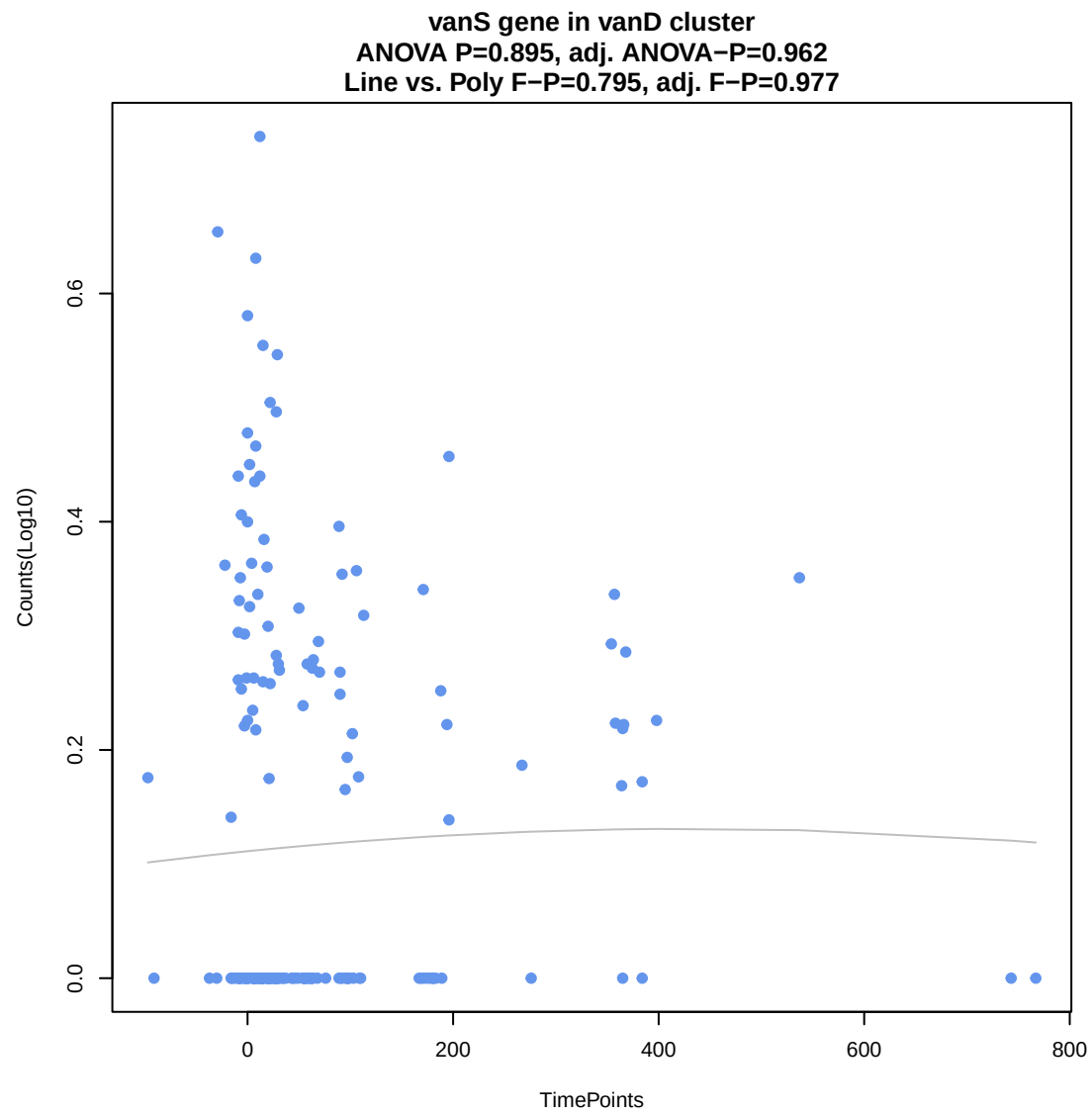

APH(3")−Ib
ANOVA P=0.861, adj. ANOVA−P=0.962
Line vs. Poly F−P=0.665, adj. F−P=0.974
Counts(Log10)
TimePoints

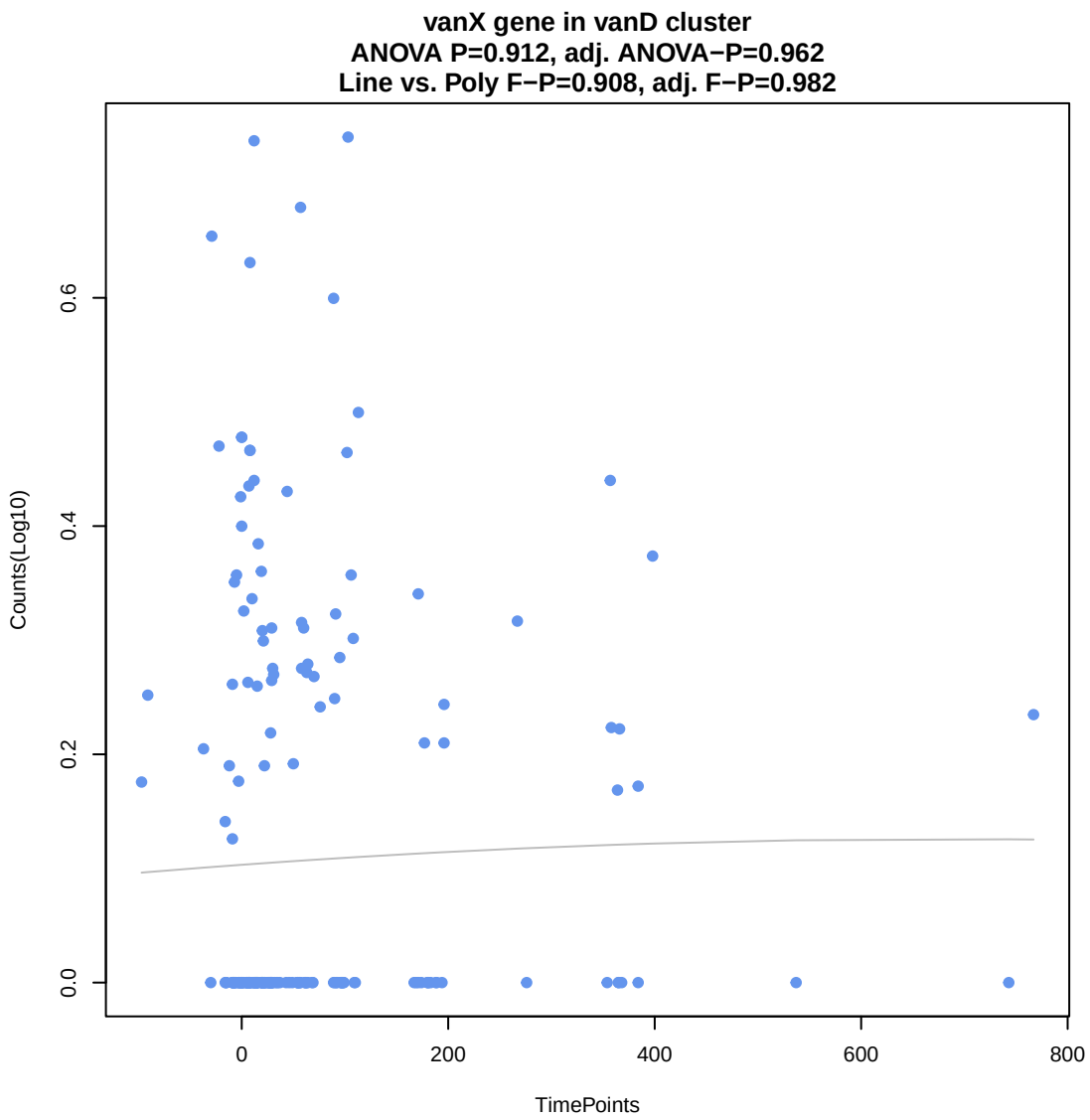

kdpE
ANOVA P=0.868, adj. ANOVA−P=0.962
Line vs. Poly F−P=0.636, adj. F−P=0.974
Counts(Log10)
TimePoints

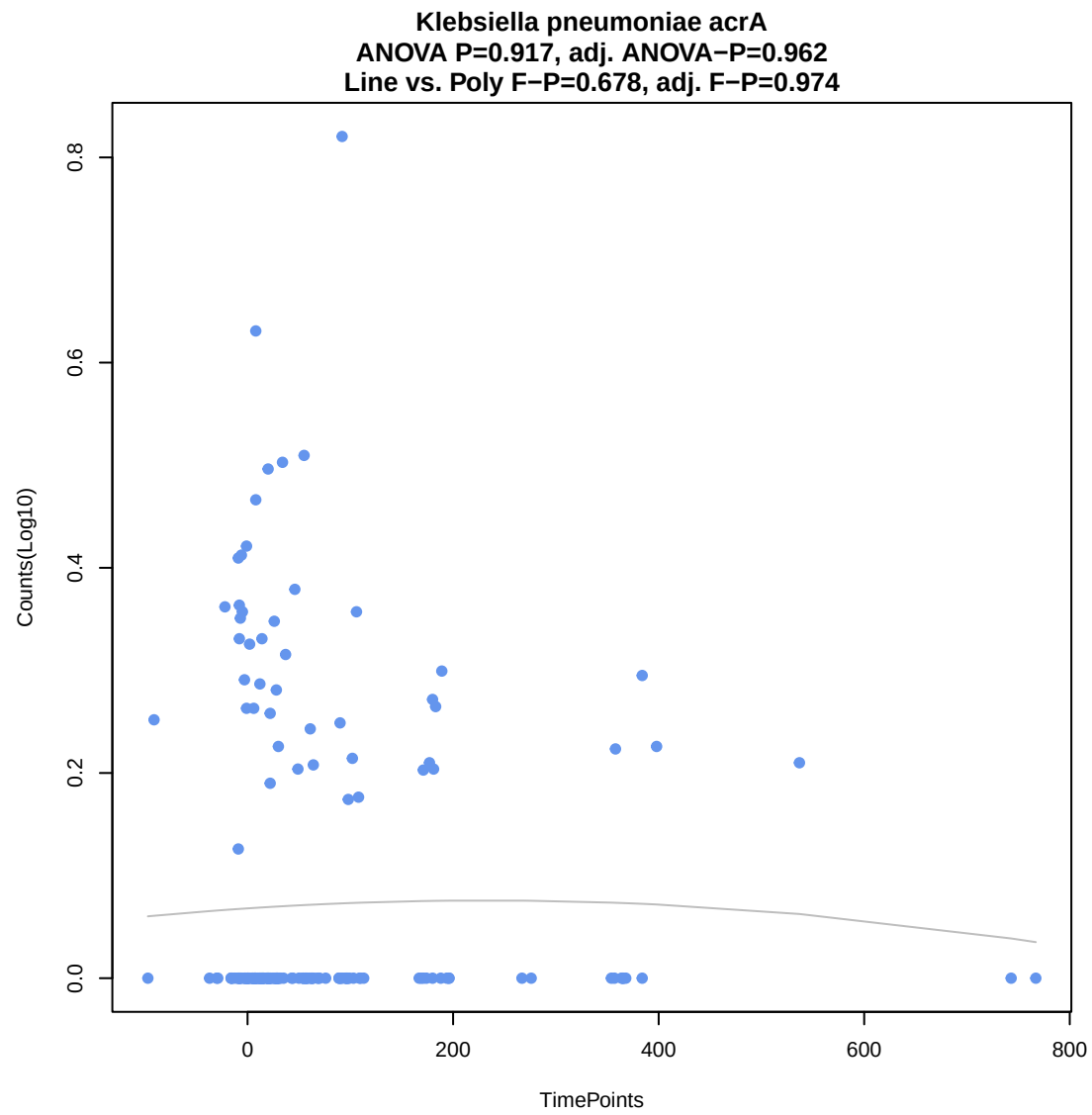

oleB
ANOVA P=0.869, adj. ANOVA−P=0.962
Line vs. Poly F−P=0.656, adj. F−P=0.974
Counts(Log10)
TimePoints

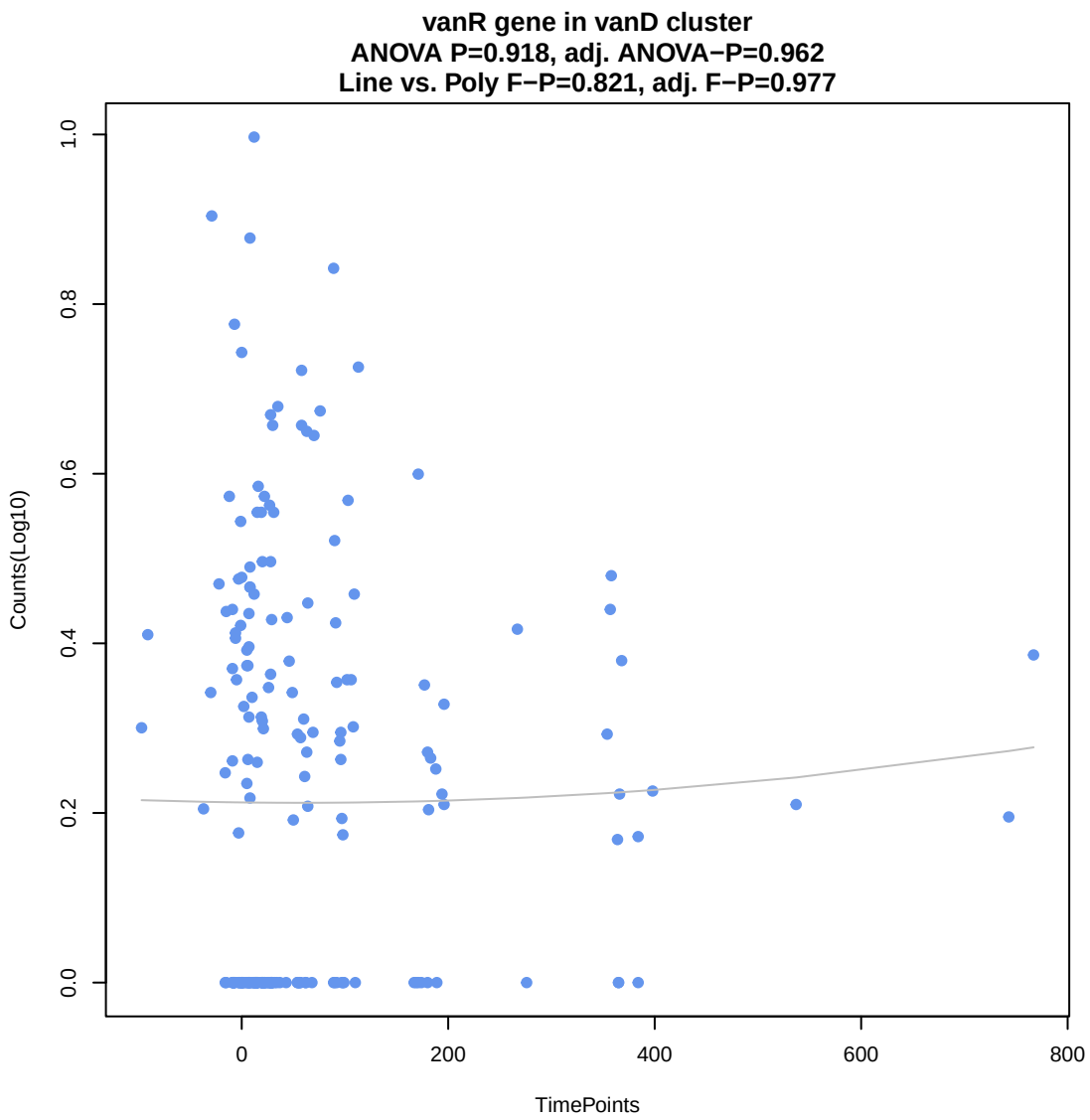

evgS
ANOVA P=0.878, adj. ANOVA−P=0.962
Line vs. Poly F−P=0.742, adj. F−P=0.974
Counts(Log10)
TimePoints

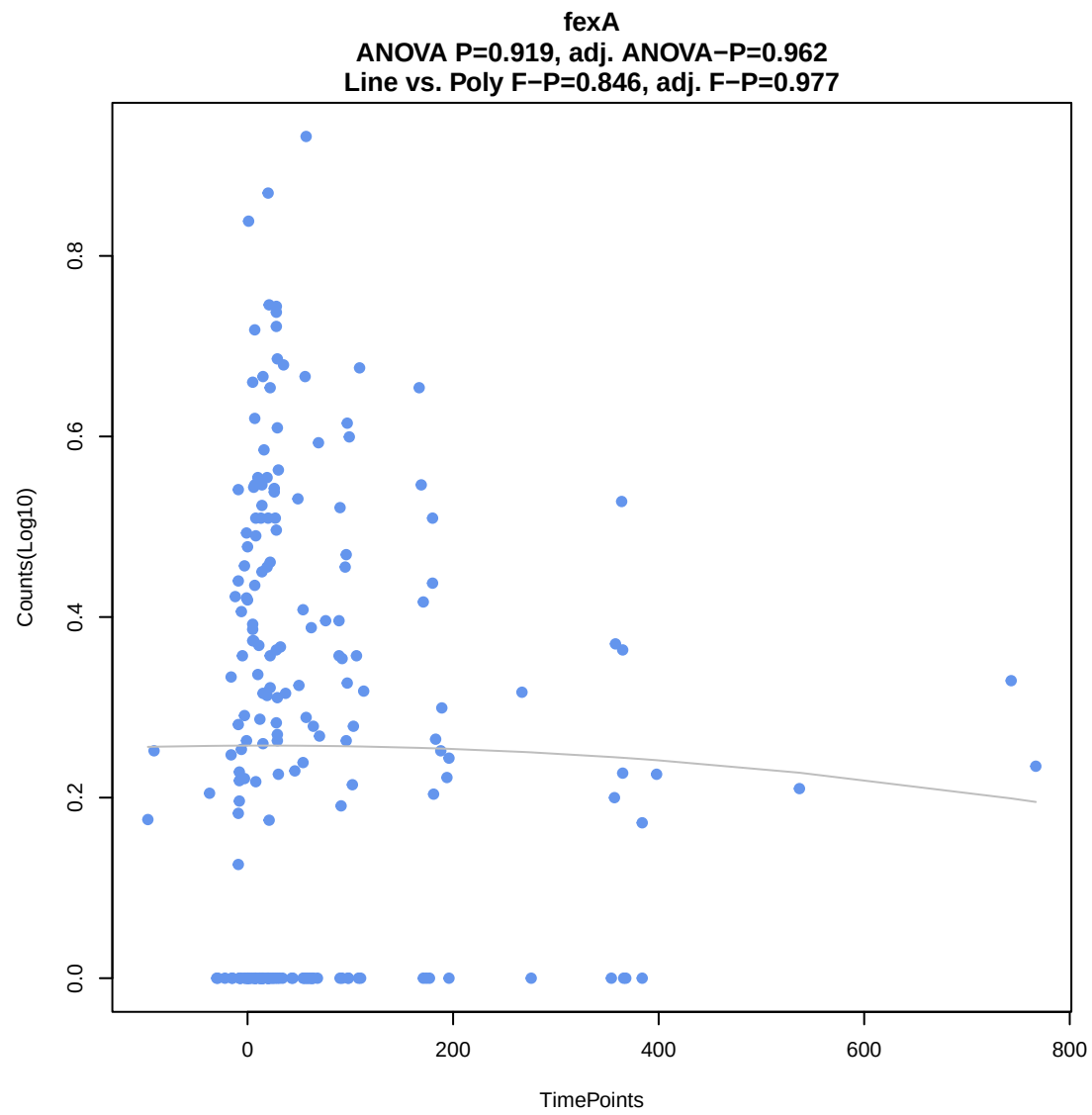

Klebsiella pneumoniae KpnH
ANOVA P=0.891, adj. ANOVA−P=0.962
Line vs. Poly F−P=0.641, adj. F−P=0.974
Counts(Log10)
0.0
0.2
0.4
0.6
0
200
400
600
800
TimePoints

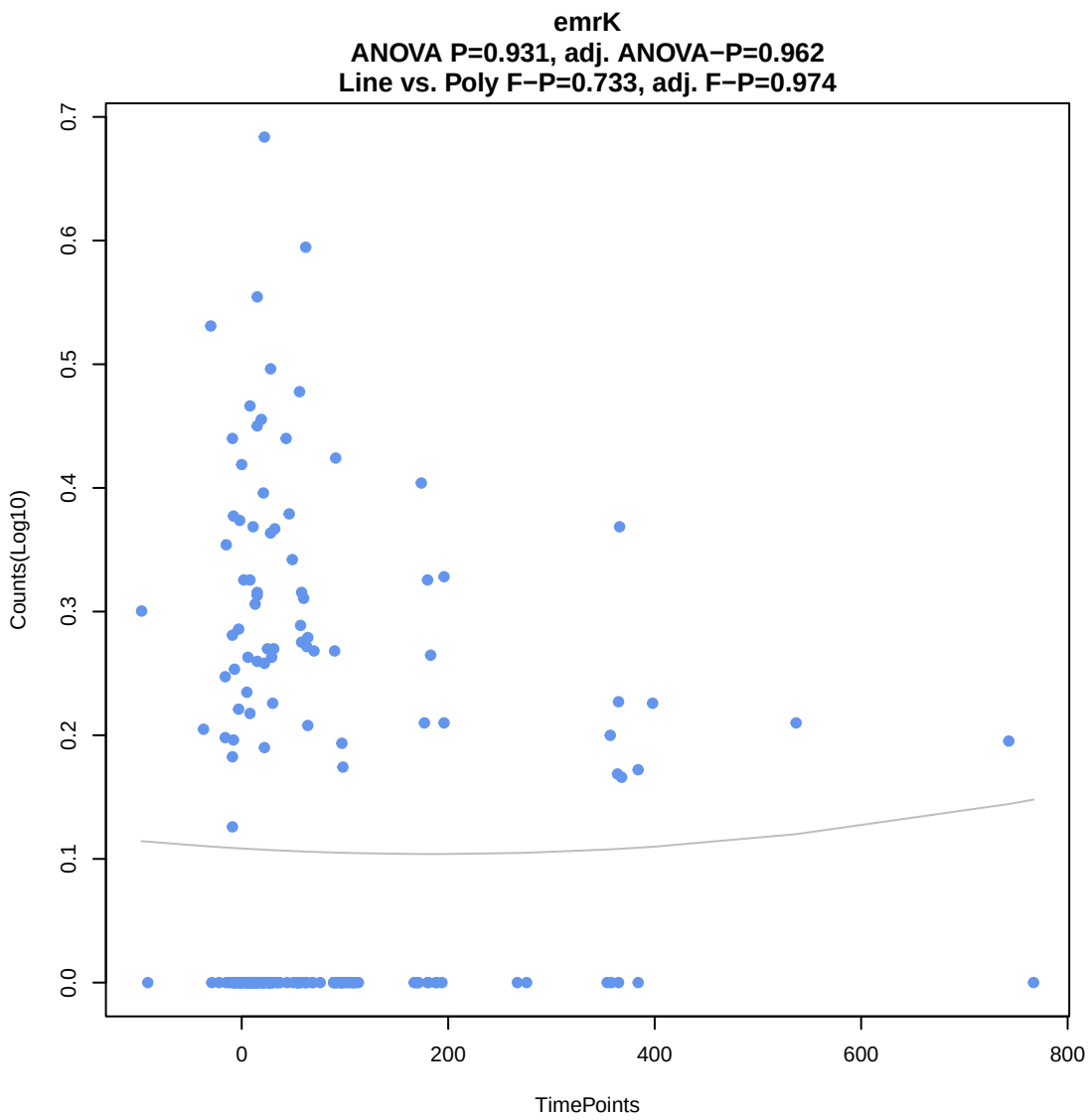

vanS gene in vanD cluster
ANOVA P=0.895, adj. ANOVA−P=0.962
Line vs. Poly F−P=0.795, adj. F−P=0.977
Counts(Log10)
0.0
0.2
0.4
0.6
0
200
400
600
800
TimePoints

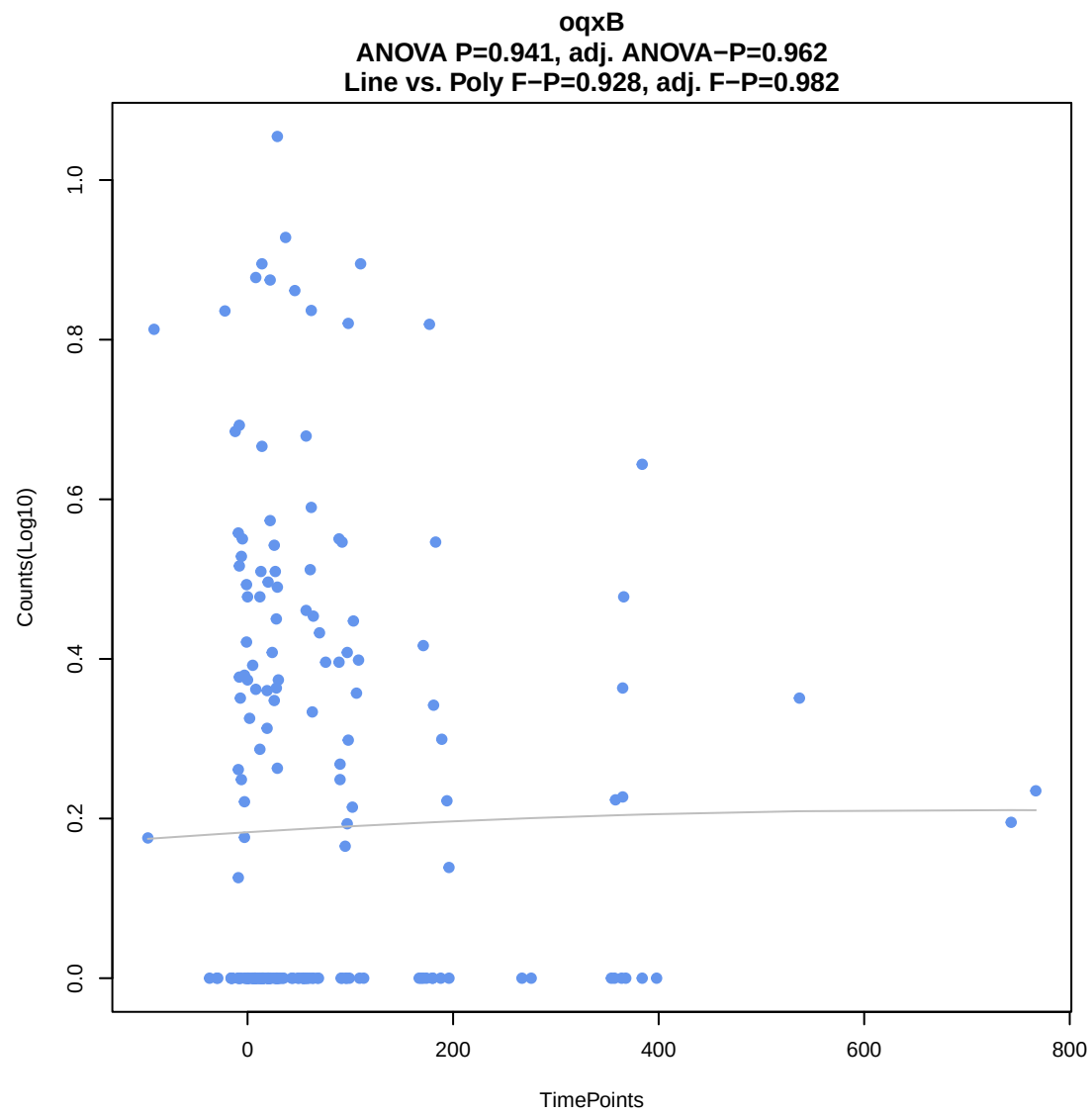

vanX gene in vanD cluster
ANOVA P=0.912, adj. ANOVA−P=0.962
Line vs. Poly F−P=0.908, adj. F−P=0.982
Counts(Log10)
0.0
0.2
0.4
0.6
0
200
400
600
800
TimePoints

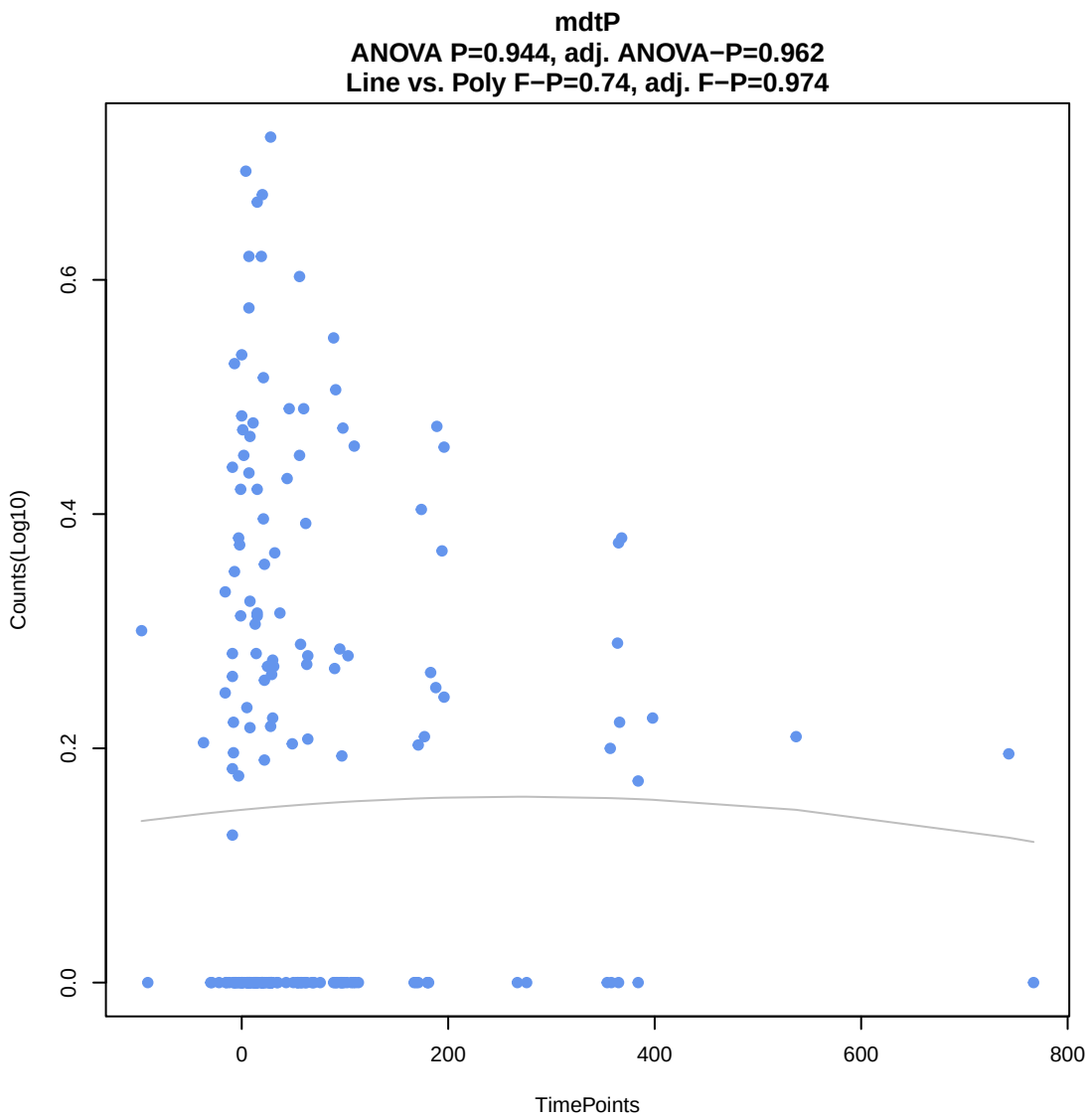

Klebsiella pneumoniae acrA
ANOVA P=0.917, adj. ANOVA−P=0.962
Line vs. Poly F−P=0.678, adj. F−P=0.974
Counts(Log10)
0.0
0.2
0.4
0.6
0.8
0
200
400
600
800
TimePoints

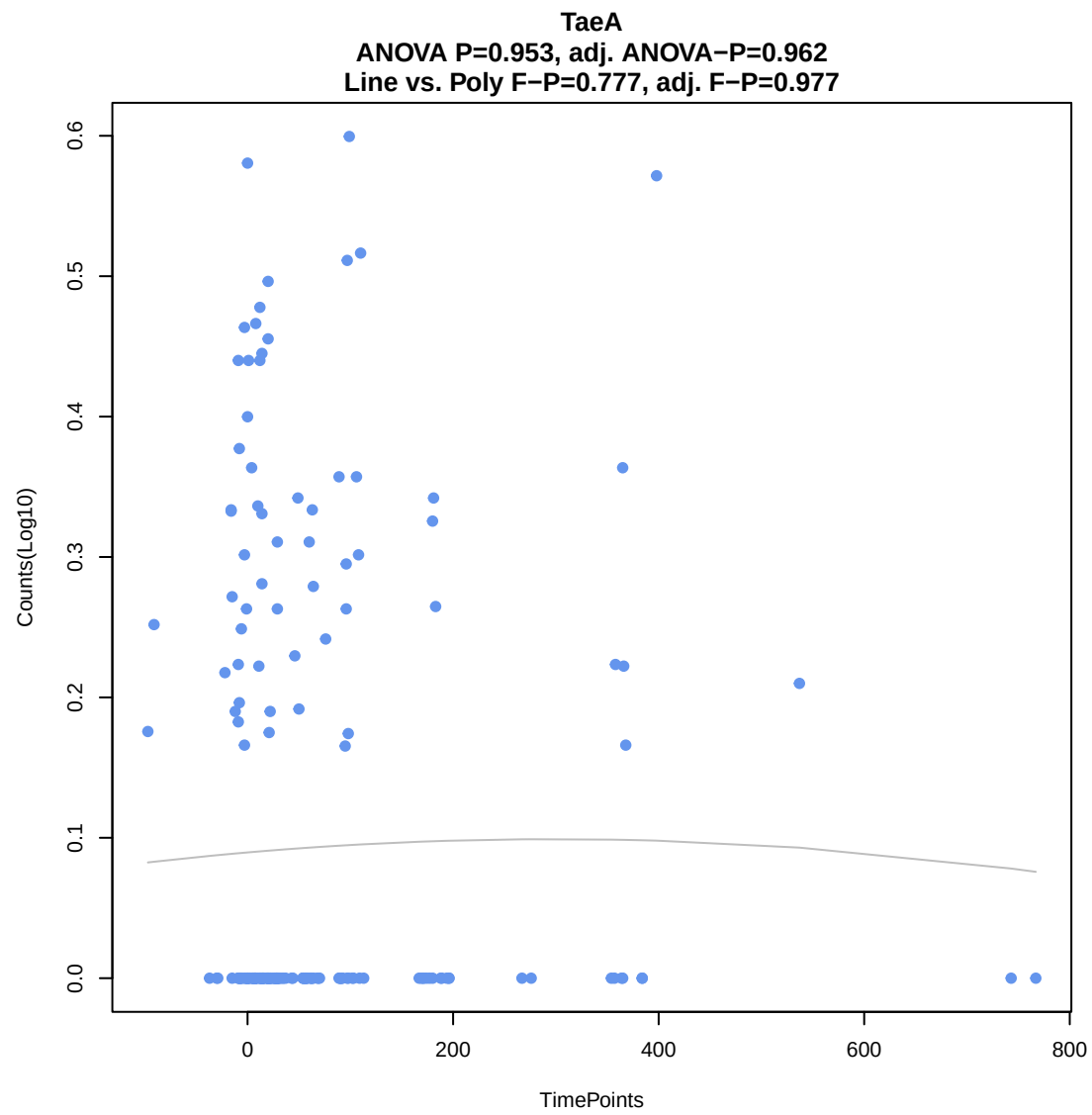

vanR gene in vanD cluster
ANOVA P=0.918, adj. ANOVA−P=0.962
Line vs. Poly F−P=0.821, adj. F−P=0.977
Counts(Log10)
0.0
0.2
0.4
0.6
0.8
1.0
0
200
400
600
800
TimePoints

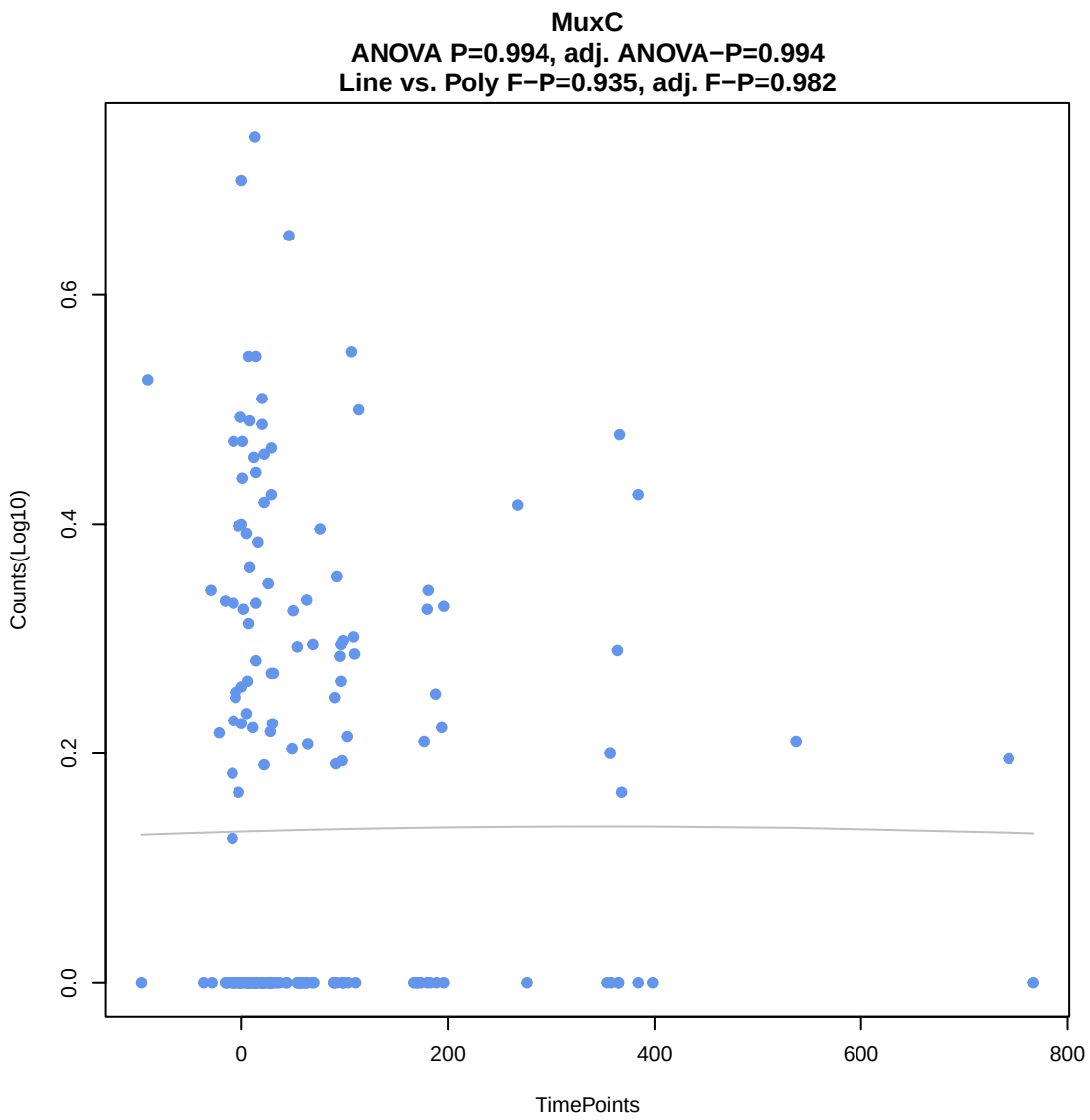

fexA
ANOVA P=0.919, adj. ANOVA−P=0.962
Line vs. Poly F−P=0.846, adj. F−P=0.977
Counts(Log10)
0.0
0.2
0.4
0.6
0.8
0
200
400
600
800
TimePoints


emrK
ANOVA P=0.931, adj. ANOVA−P=0.962
Line vs. Poly F−P=0.733, adj. F−P=0.974
Counts(Log10)
TimePoints


oqxB
ANOVA P=0.941, adj. ANOVA−P=0.962
Line vs. Poly F−P=0.928, adj. F−P=0.982
Counts(Log10)
TimePoints


mdtP
ANOVA P=0.944, adj. ANOVA−P=0.962
Line vs. Poly F−P=0.74, adj. F−P=0.974
Counts(Log10)
TimePoints


TaeA
ANOVA P=0.953, adj. ANOVA−P=0.962
Line vs. Poly F−P=0.777, adj. F−P=0.977
Counts(Log10)
TimePoints


MuxC
ANOVA P=0.994, adj. ANOVA−P=0.994
Line vs. Poly F−P=0.935, adj. F−P=0.982
Counts(Log10)
TimePoints