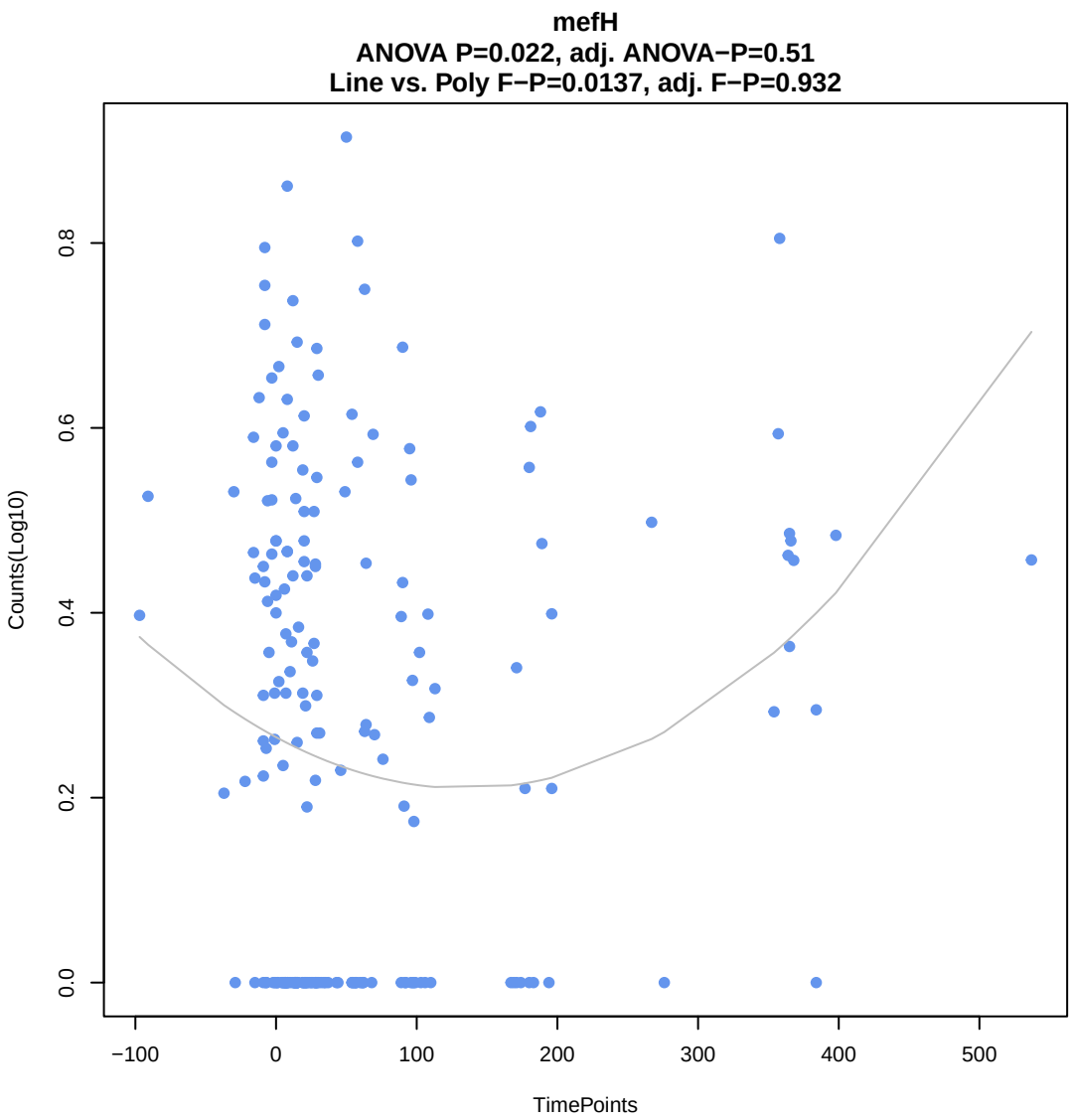
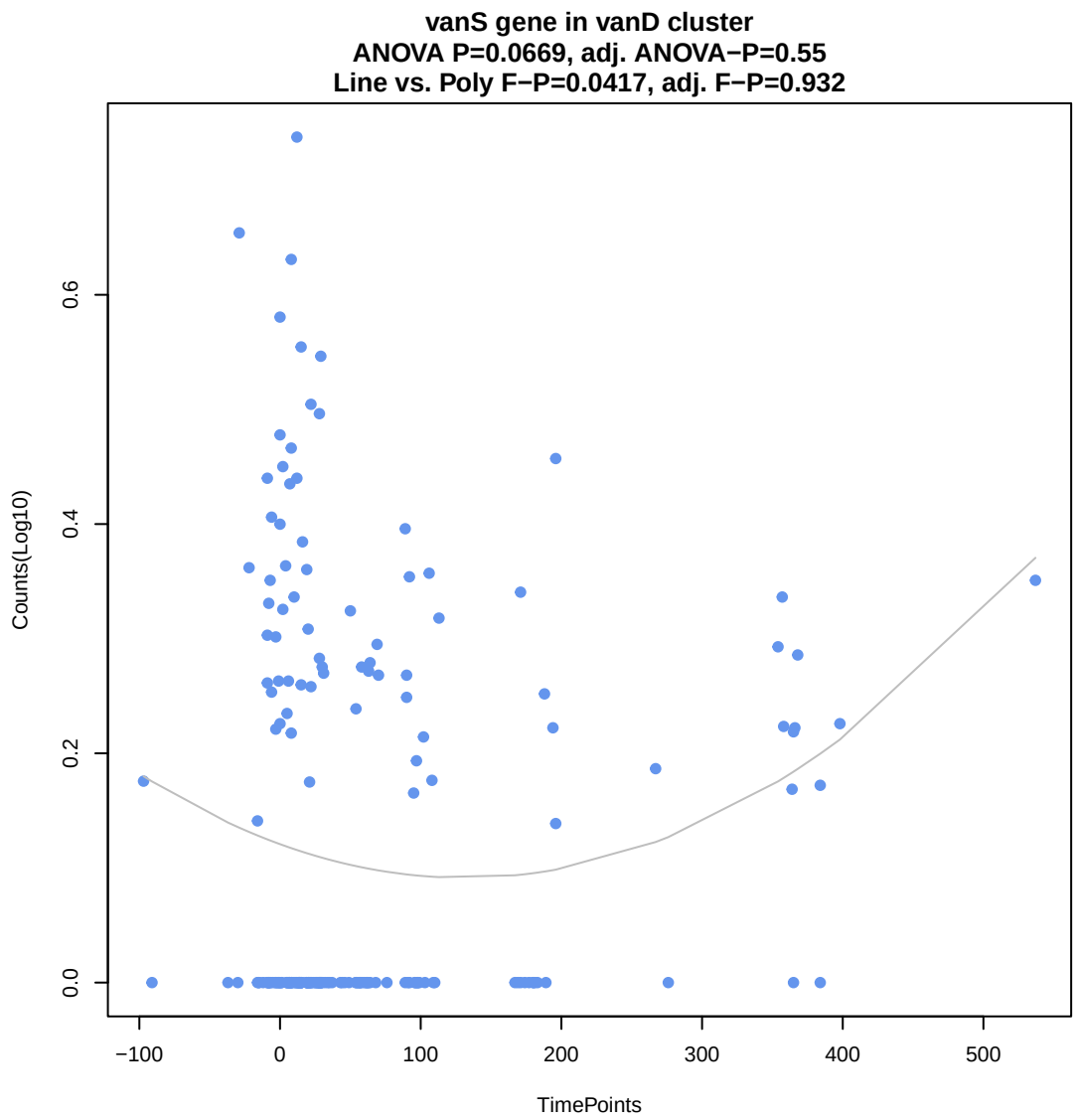
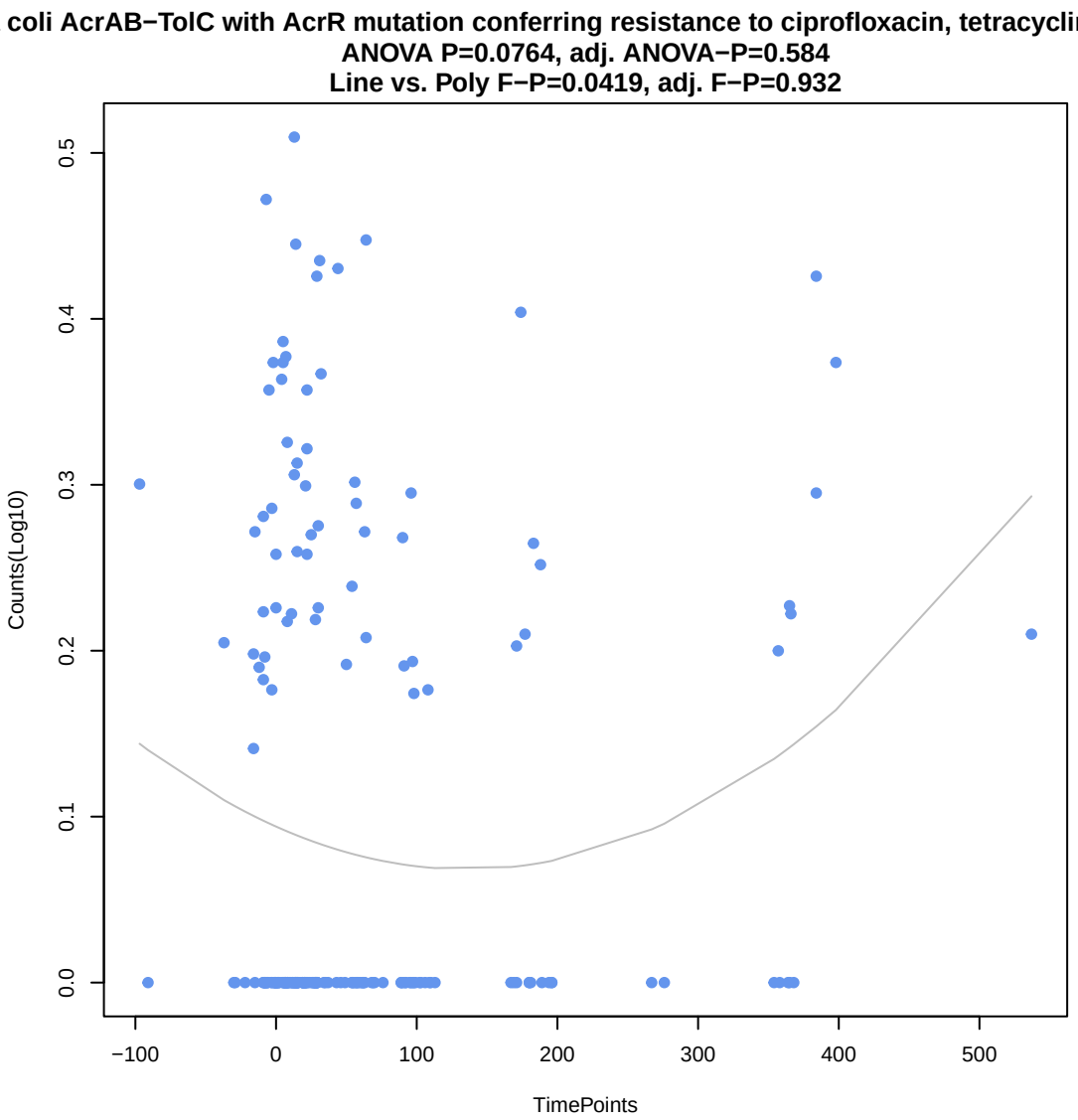
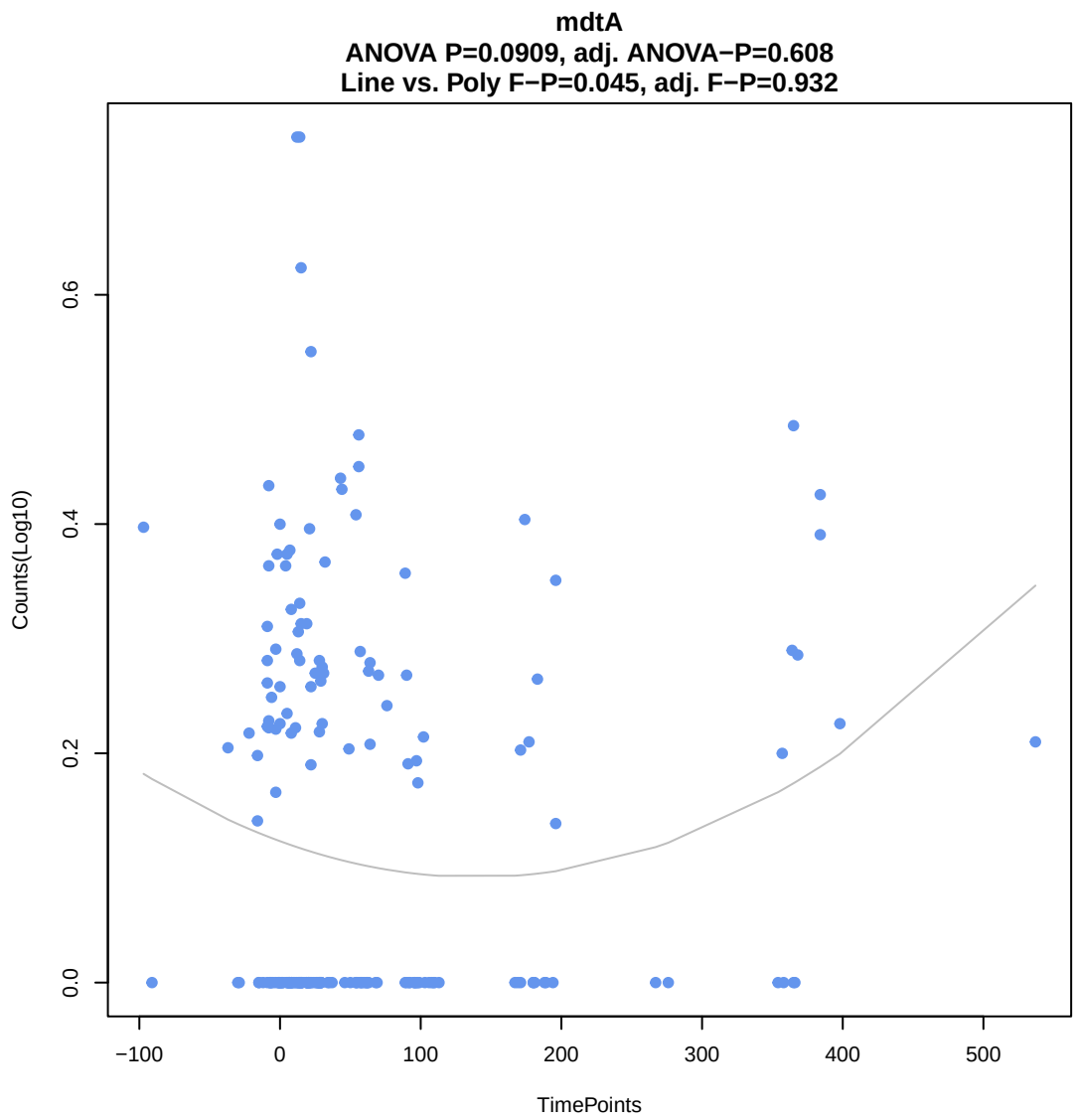
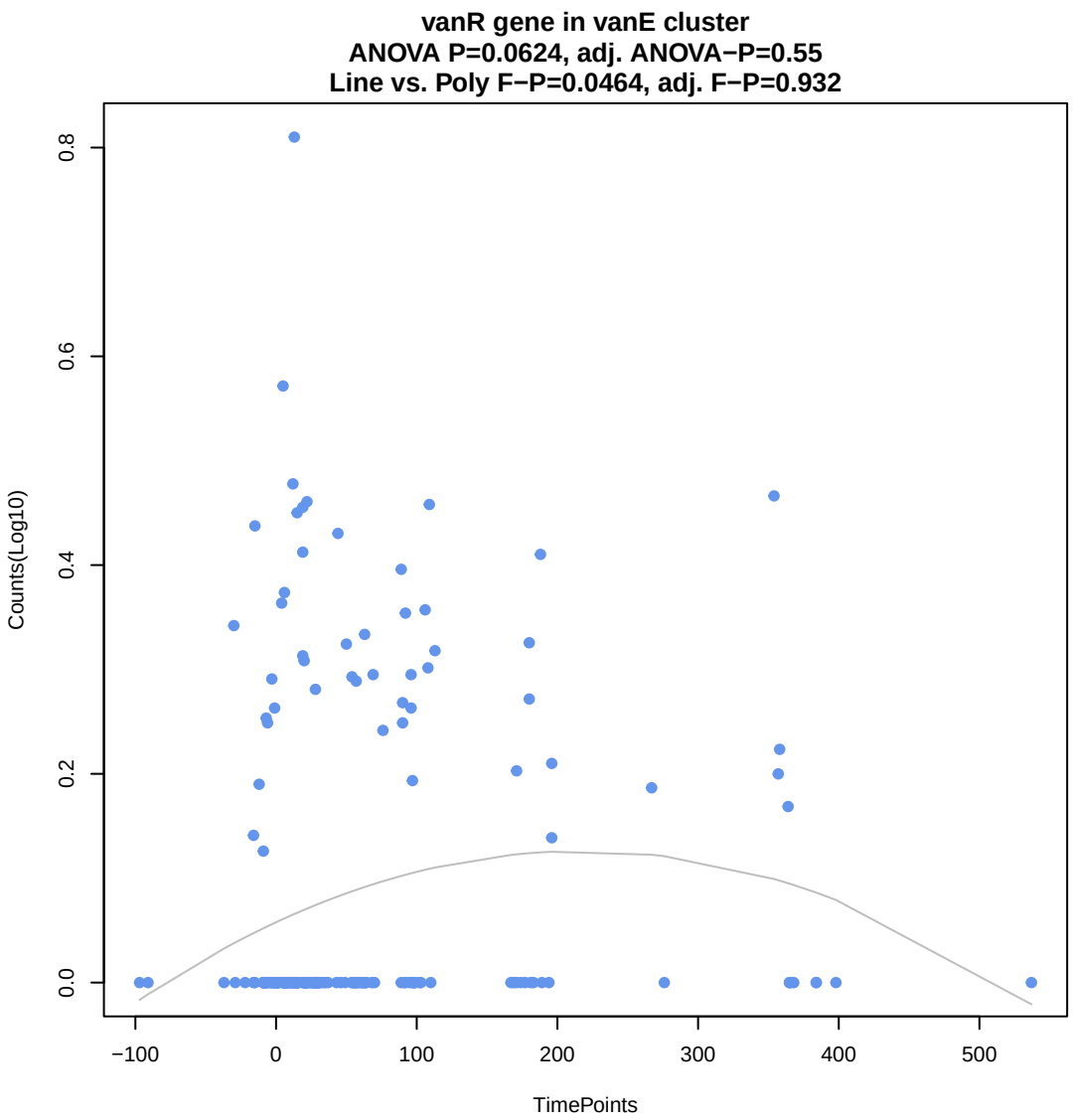
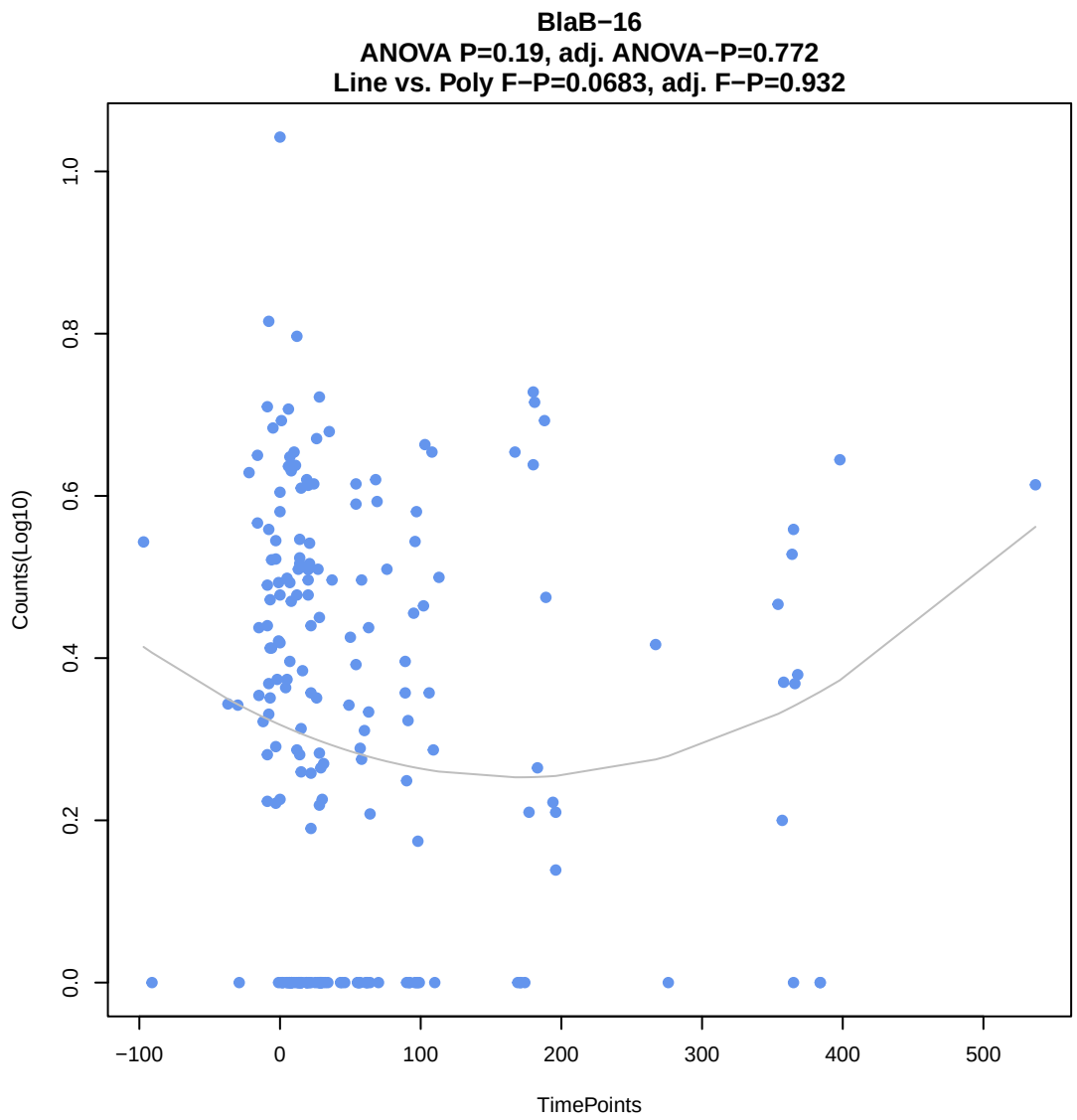

mefH
ANOVA P=0.022, adj. ANOVA−P=0.51
Line vs. Poly F−P=0.0137, adj. F−P=0.932
Counts(Log10)
TimePoints

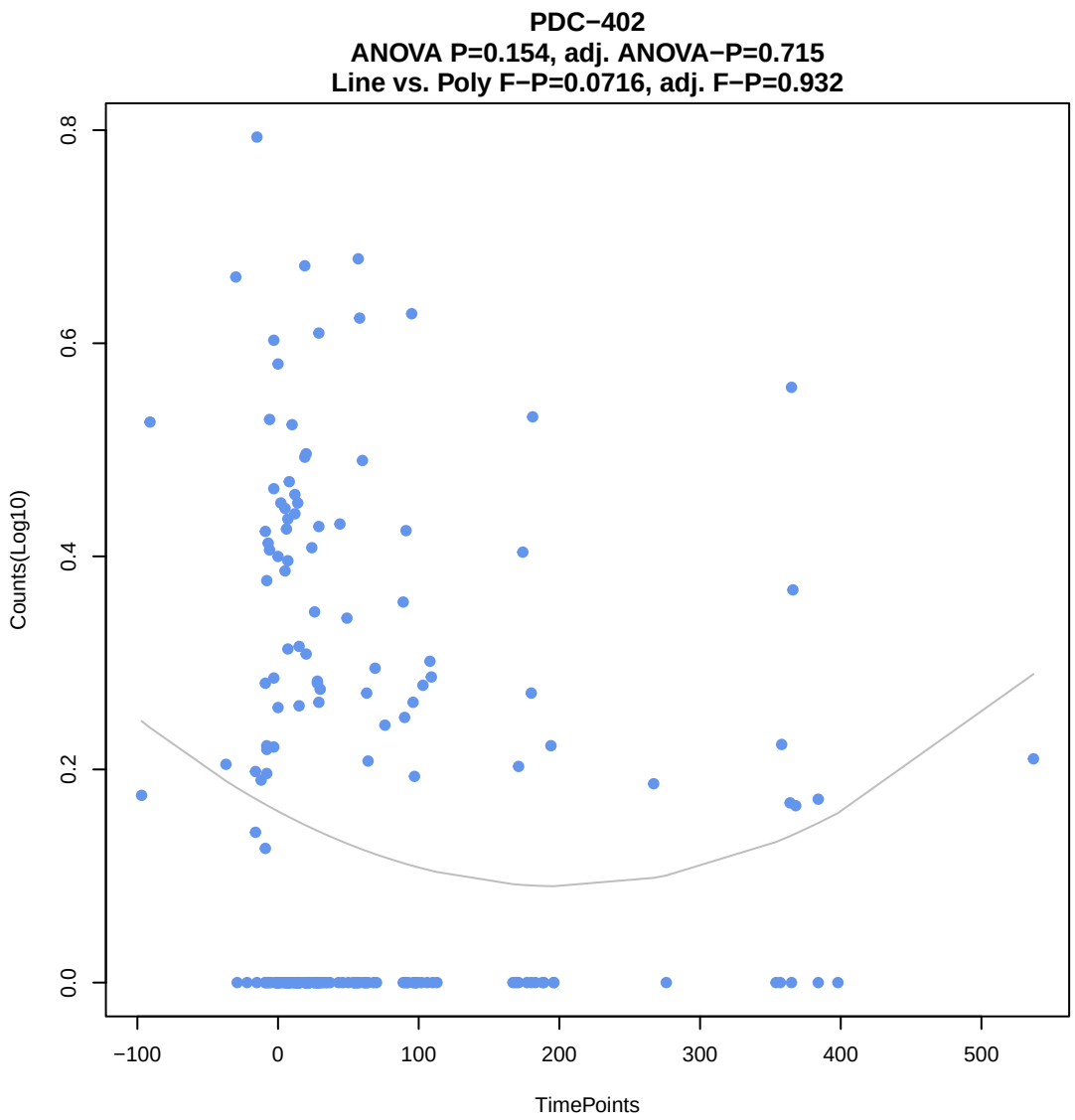

vanS gene in vanD cluster
ANOVA P=0.0669, adj. ANOVA−P=0.55
Line vs. Poly F−P=0.0417, adj. F−P=0.932
Counts(Log10)
TimePoints

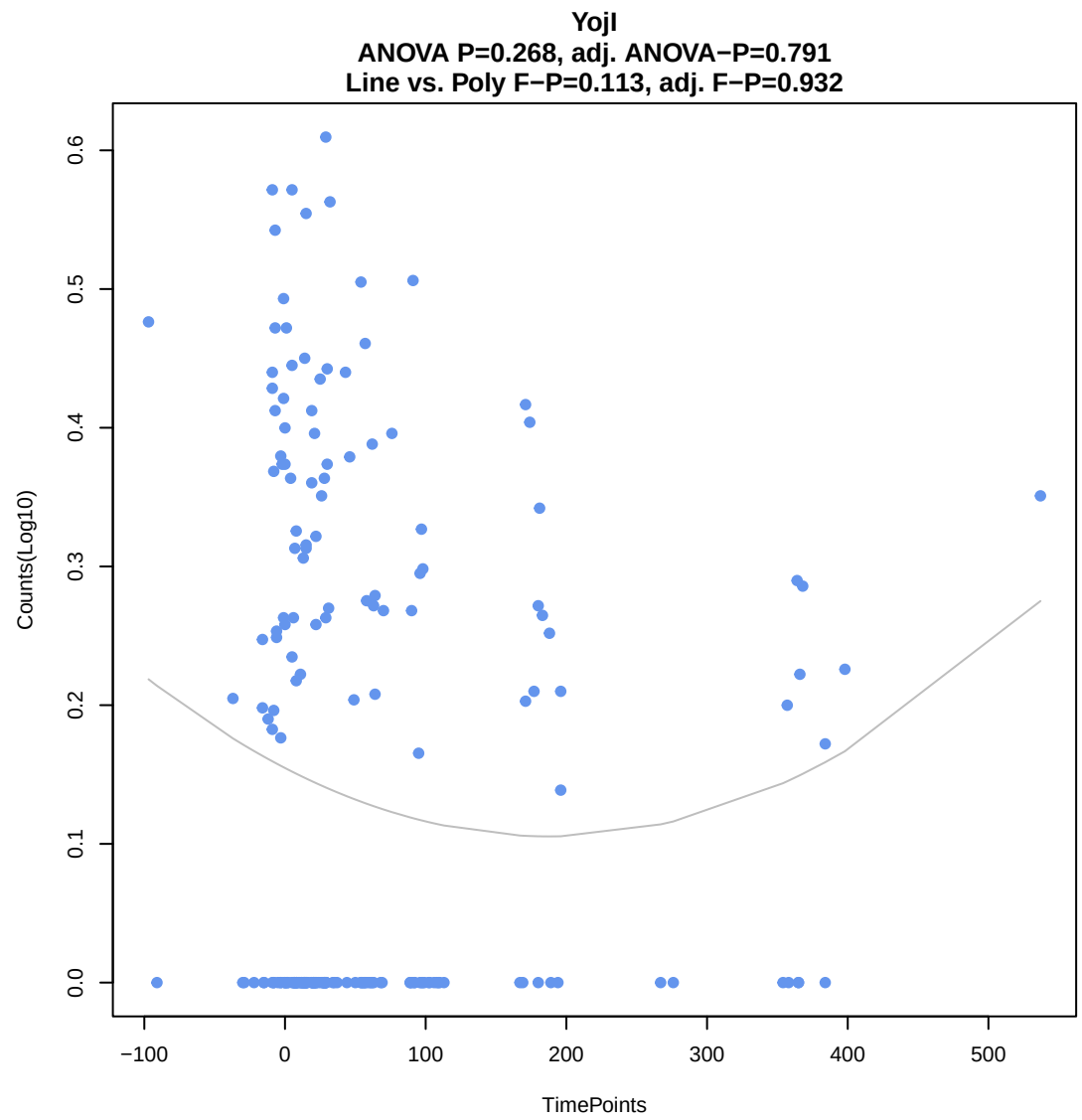

chia coli AcrAB−TolC with AcrR mutation conferring resistance to ciprofloxacin, tetracyclin
ANOVA P=0.0764, adj. ANOVA−P=0.584
Line vs. Poly F−P=0.0419, adj. F−P=0.932
Counts(Log10)
TimePoints

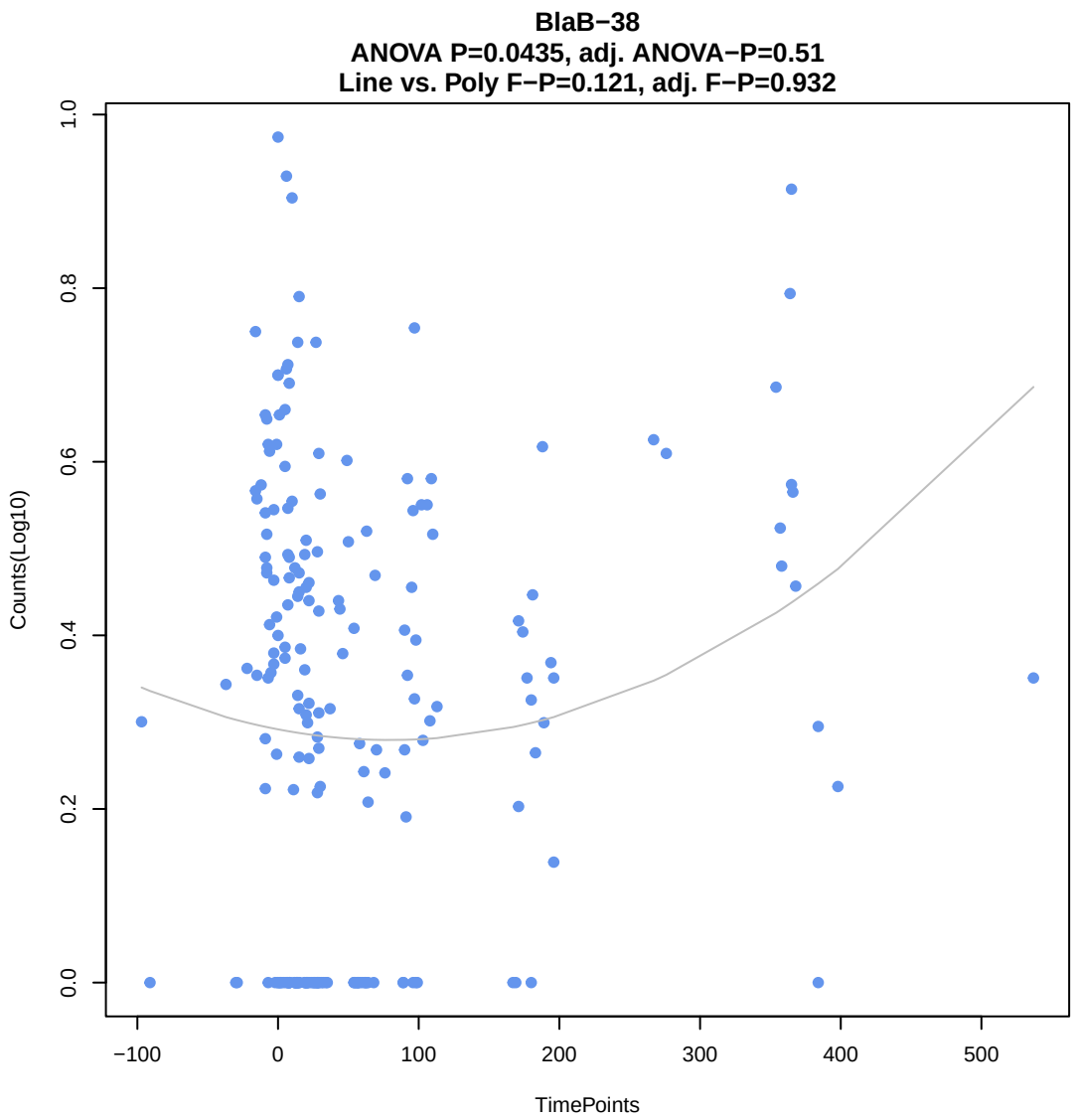

mdtA
ANOVA P=0.0909, adj. ANOVA−P=0.608
Line vs. Poly F−P=0.045, adj. F−P=0.932
Counts(Log10)
TimePoints

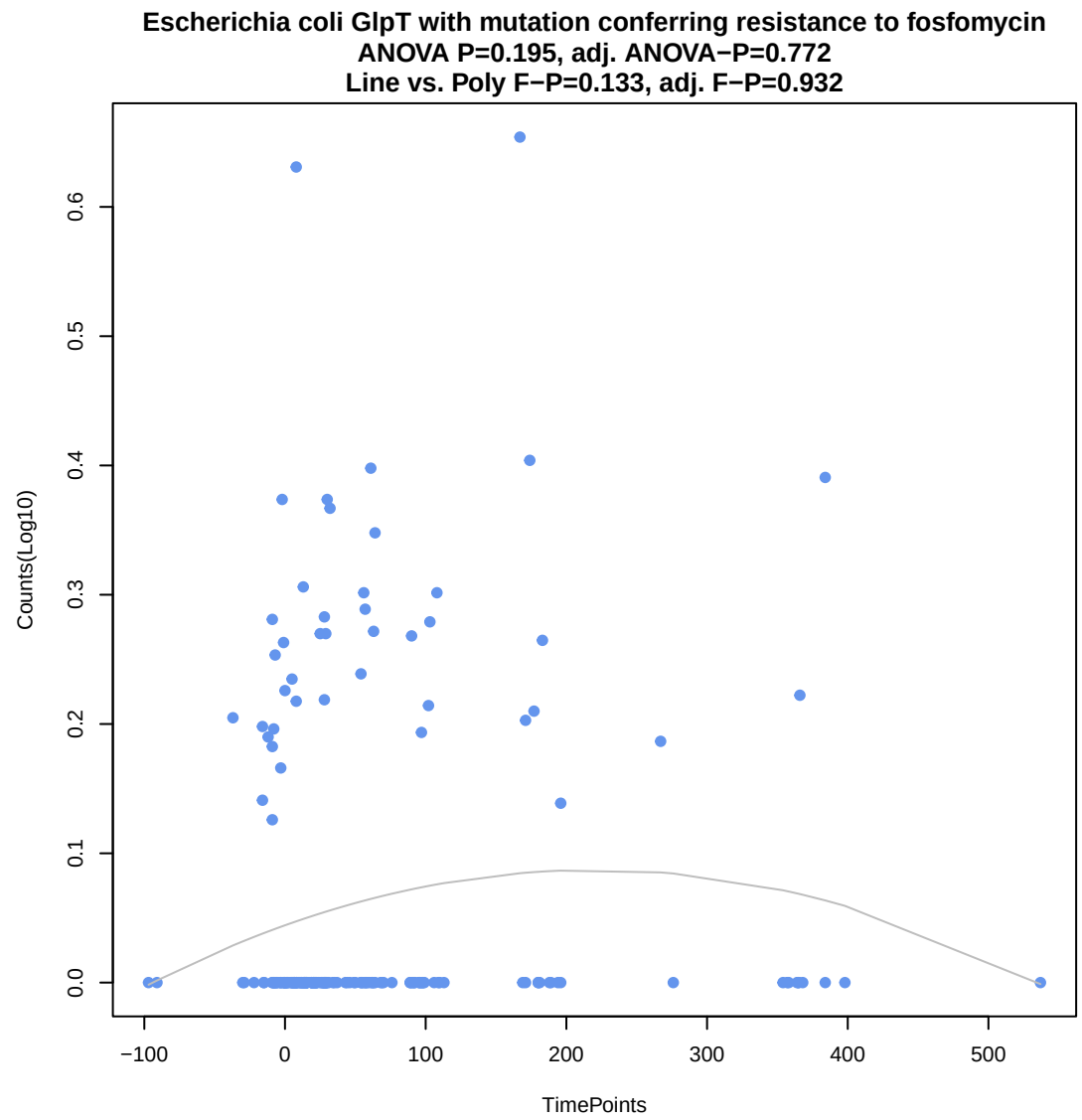

vanR gene in vanE cluster
ANOVA P=0.0624, adj. ANOVA−P=0.55
Line vs. Poly F−P=0.0464, adj. F−P=0.932
Counts(Log10)
TimePoints

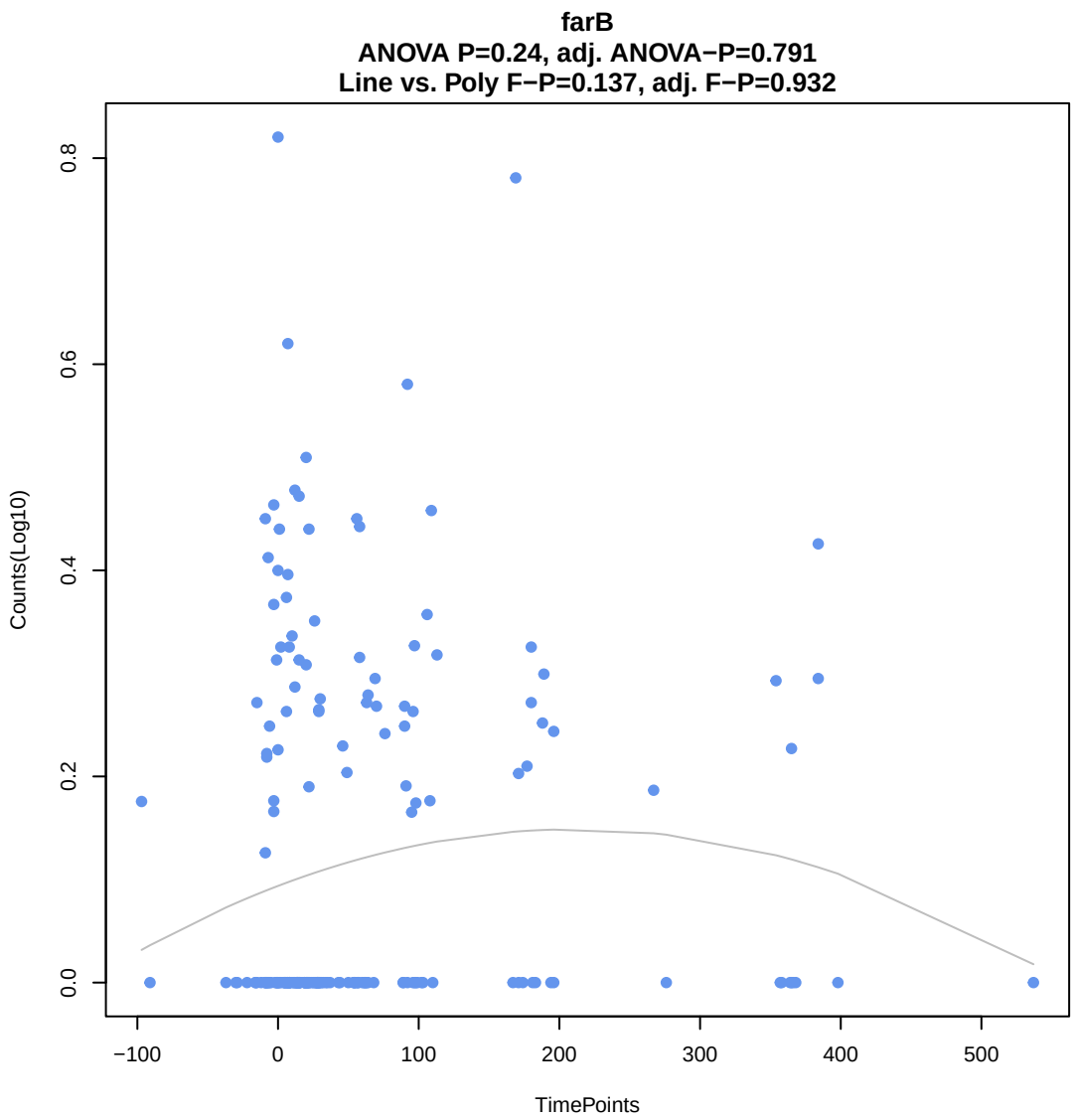

BlaB−16
ANOVA P=0.19, adj. ANOVA−P=0.772
Line vs. Poly F−P=0.0683, adj. F−P=0.932
Counts(Log10)
TimePoints

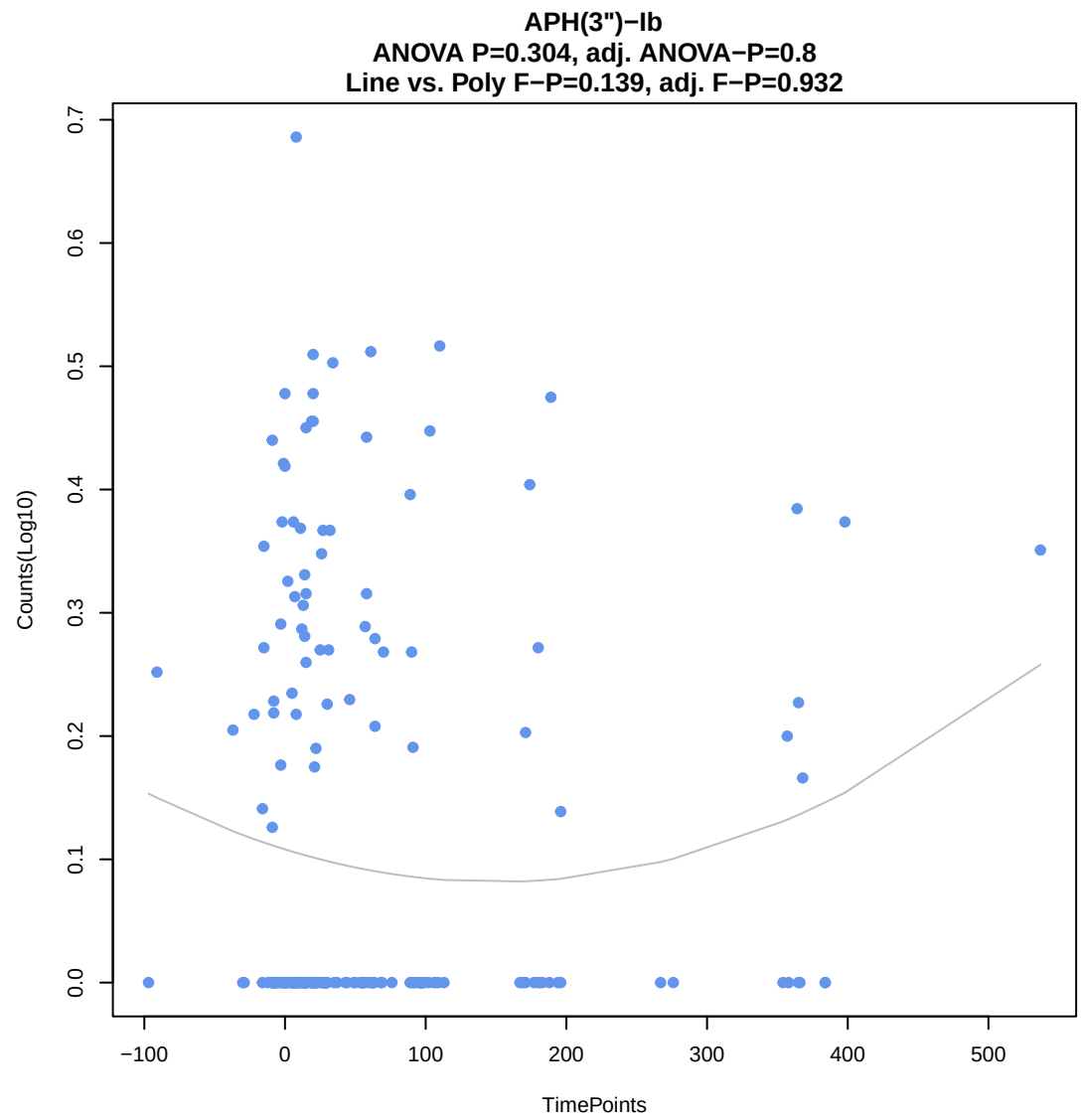

PDC−402
ANOVA P=0.154, adj. ANOVA−P=0.715
Line vs. Poly F−P=0.0716, adj. F−P=0.932
Counts(Log10)
TimePoints

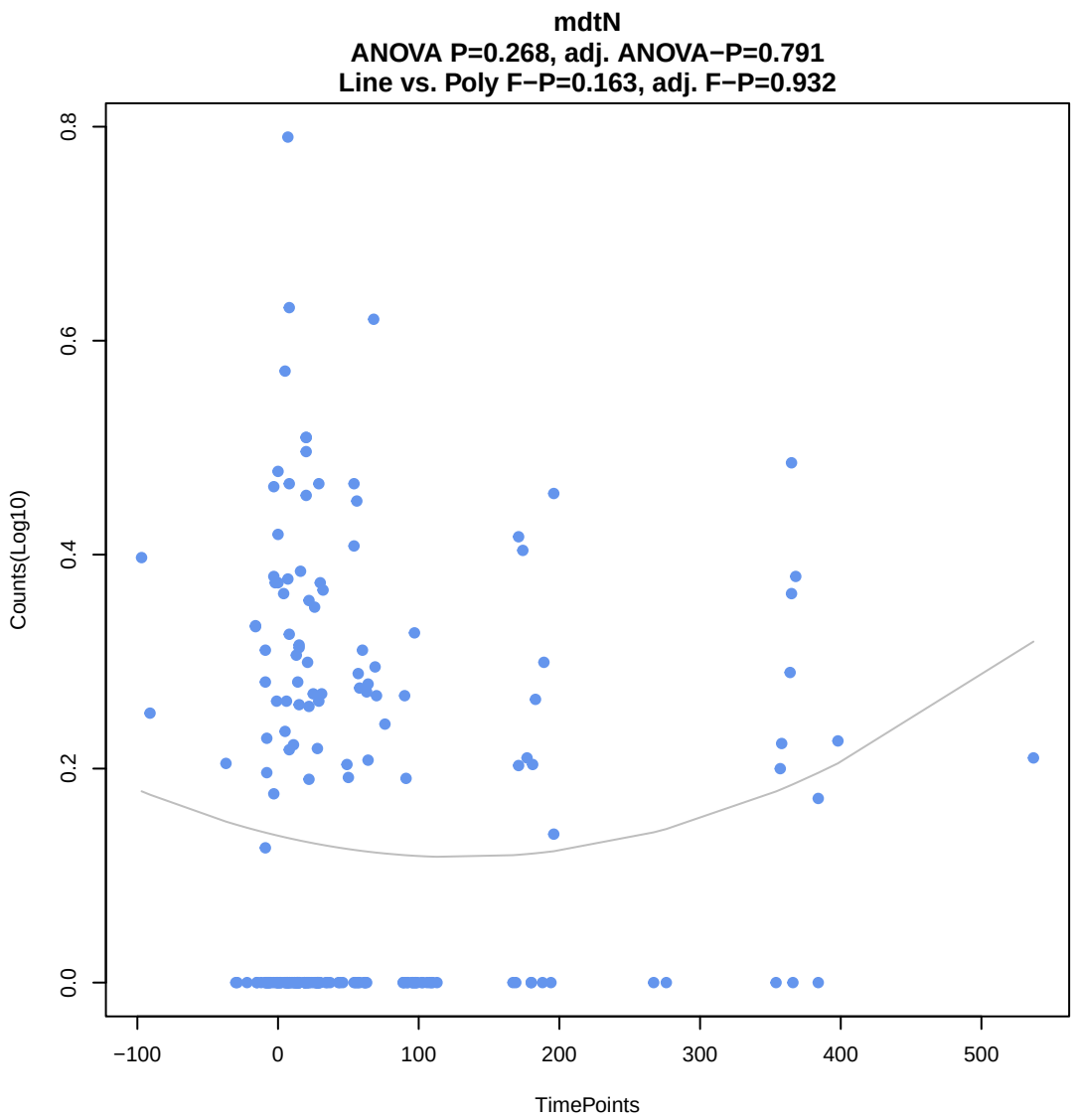

YojI
ANOVA P=0.268, adj. ANOVA−P=0.791
Line vs. Poly F−P=0.113, adj. F−P=0.932
Counts(Log10)
TimePoints

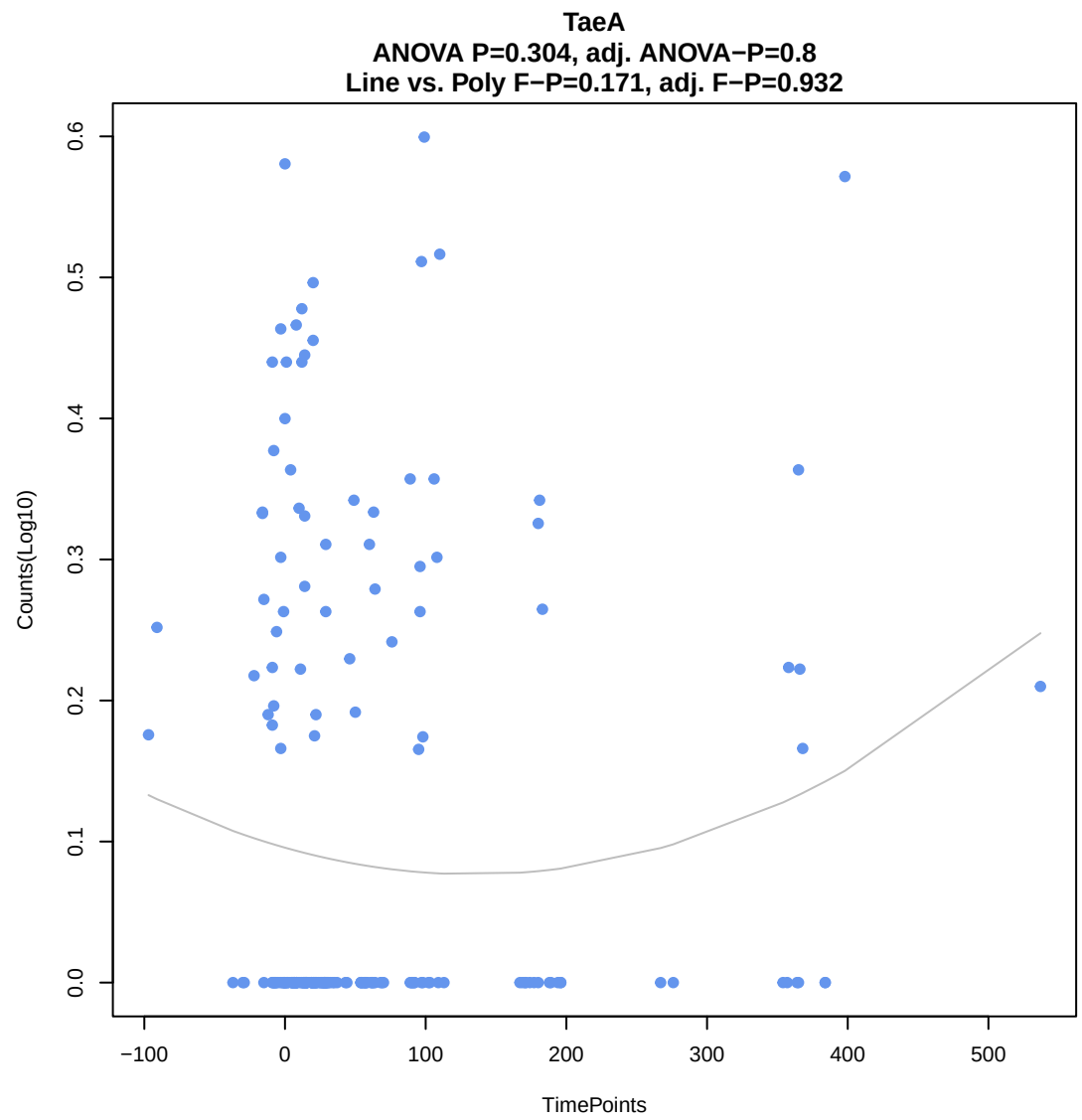

BlaB−38
ANOVA P=0.0435, adj. ANOVA−P=0.51
Line vs. Poly F−P=0.121, adj. F−P=0.932
Counts(Log10)
TimePoints

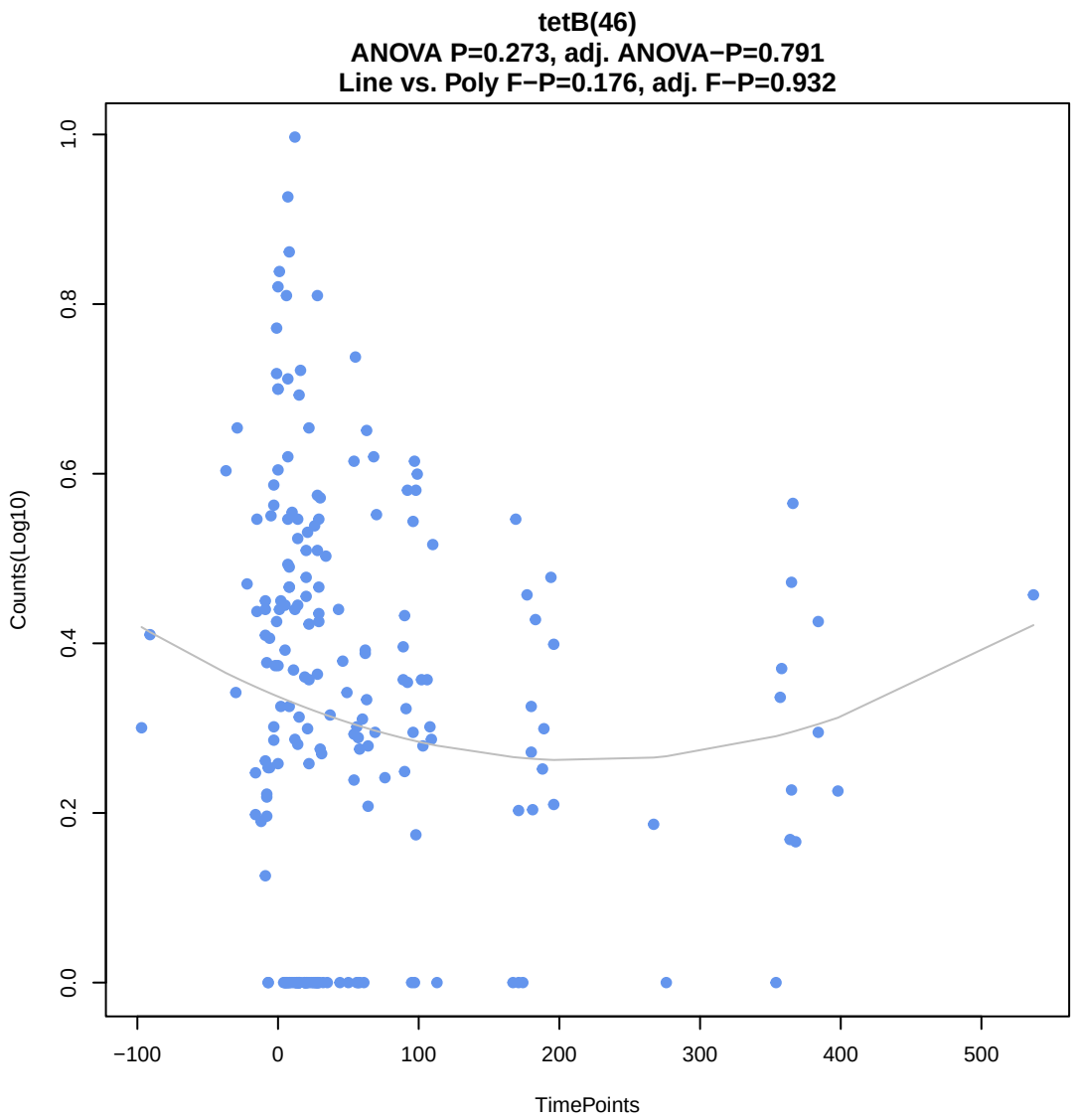

Escherichia coli GlpT with mutation conferring resistance to fosfomycin
ANOVA P=0.195, adj. ANOVA−P=0.772
Line vs. Poly F−P=0.133, adj. F−P=0.932
Counts(Log10)
TimePoints

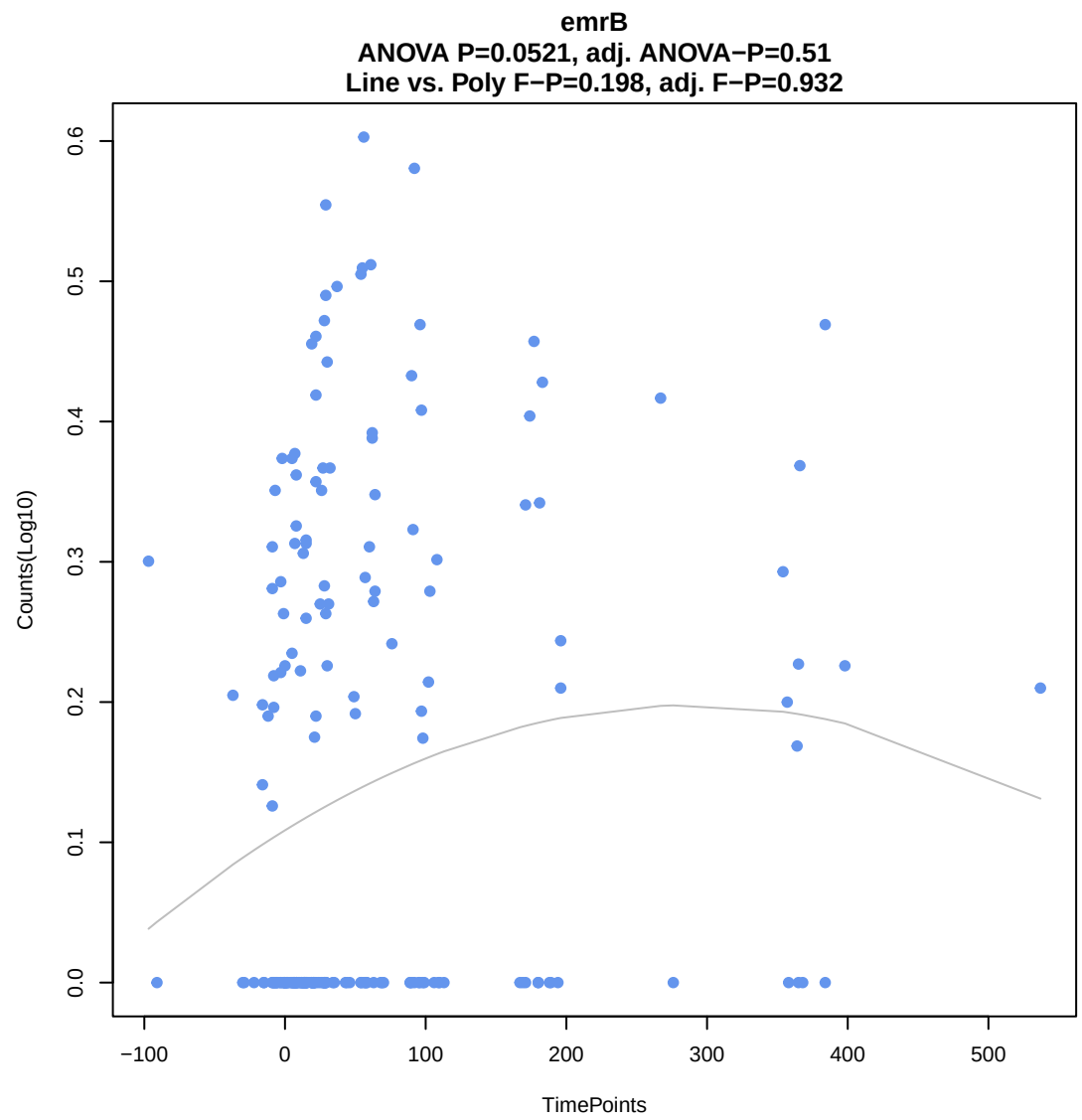

farB
ANOVA P=0.24, adj. ANOVA−P=0.791
Line vs. Poly F−P=0.137, adj. F−P=0.932
Counts(Log10)
TimePoints

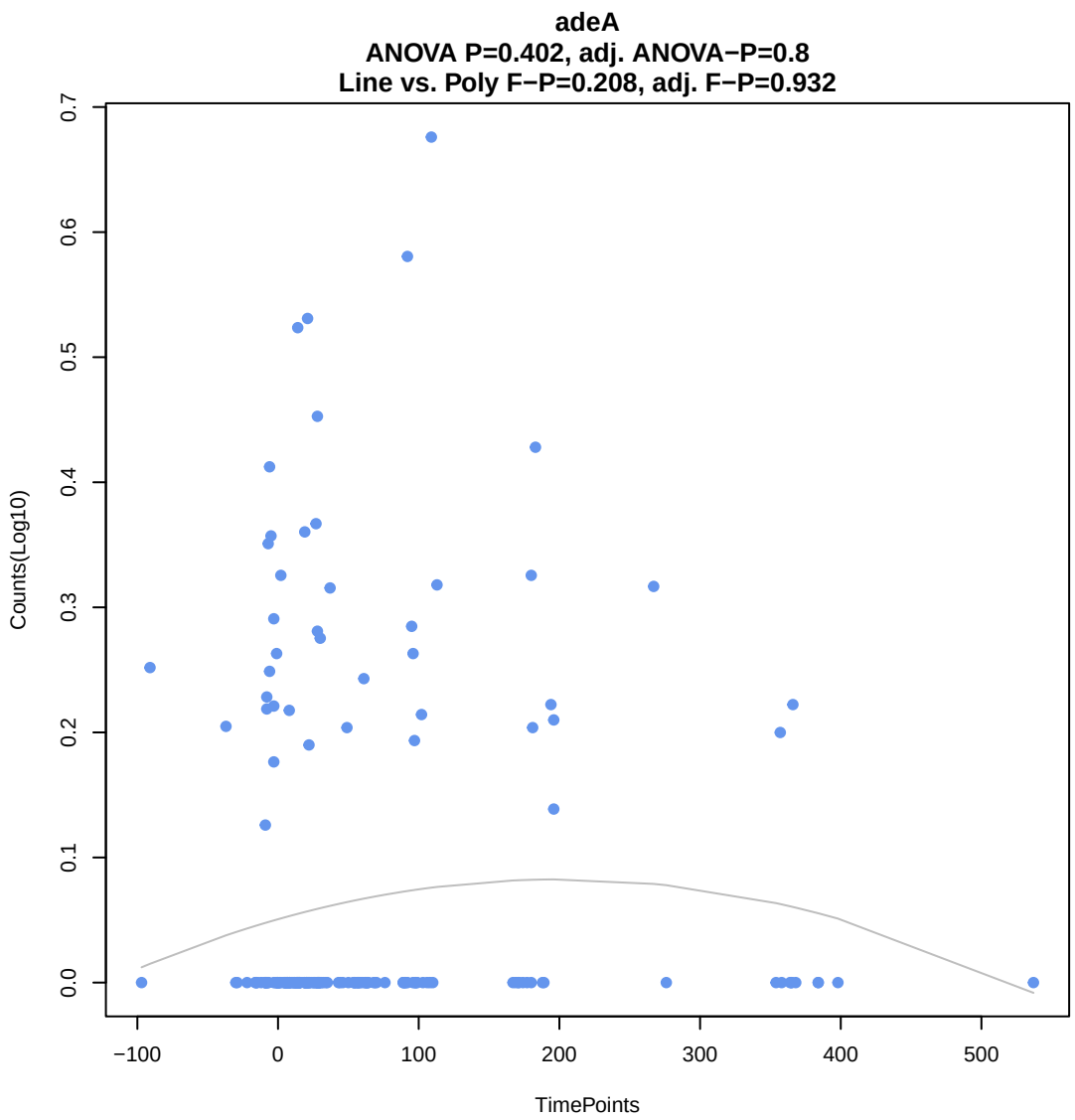

APH(3")−Ib
ANOVA P=0.304, adj. ANOVA−P=0.8
Line vs. Poly F−P=0.139, adj. F−P=0.932
Counts(Log10)
TimePoints

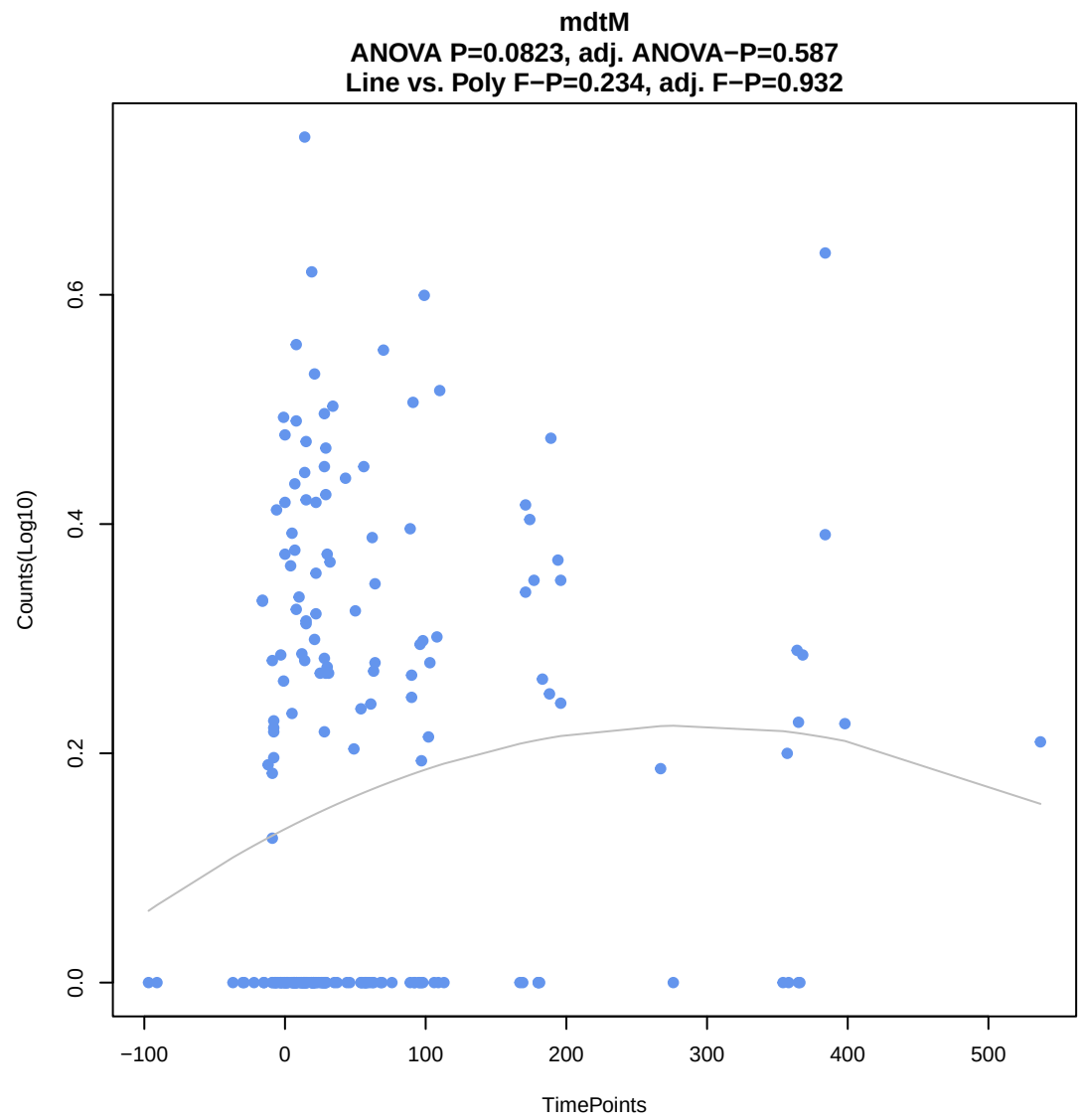

mdtN
ANOVA P=0.268, adj. ANOVA−P=0.791
Line vs. Poly F−P=0.163, adj. F−P=0.932
Counts(Log10)
TimePoints

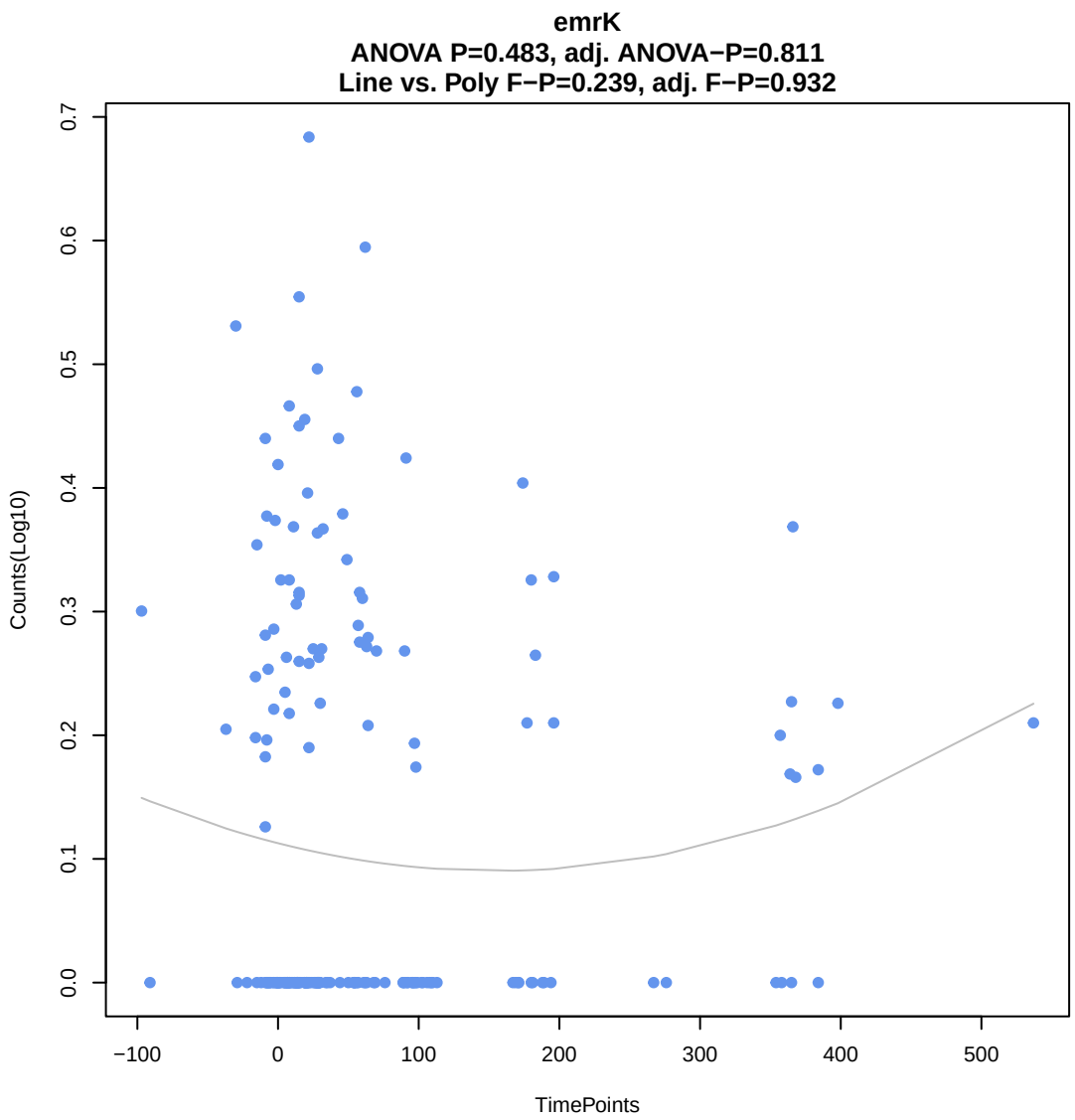

TaeA
ANOVA P=0.304, adj. ANOVA−P=0.8
Line vs. Poly F−P=0.171, adj. F−P=0.932
Counts(Log10)
TimePoints

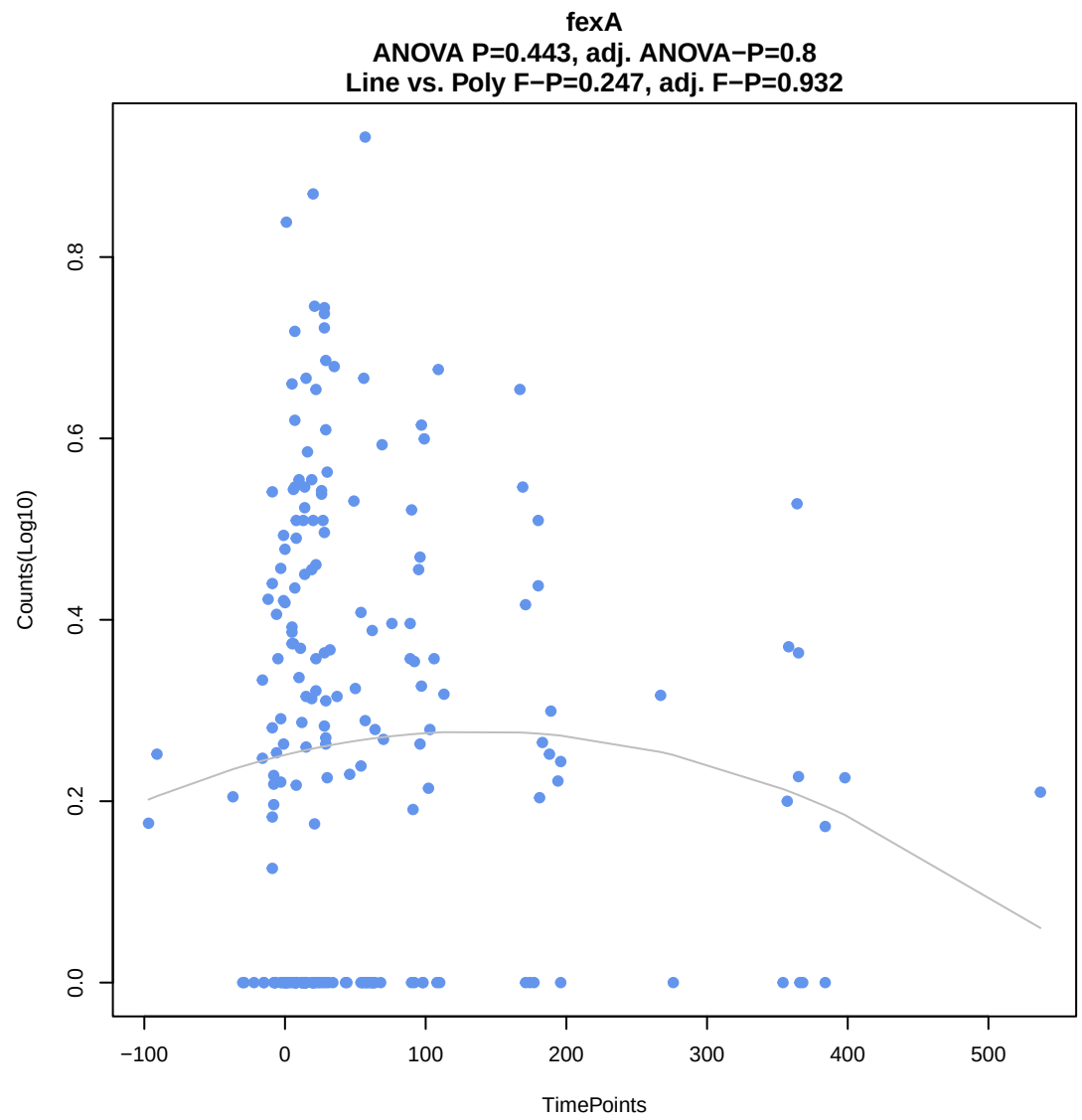

tetB(46)
ANOVA P=0.273, adj. ANOVA−P=0.791
Line vs. Poly F−P=0.176, adj. F−P=0.932
Counts(Log10)
TimePoints

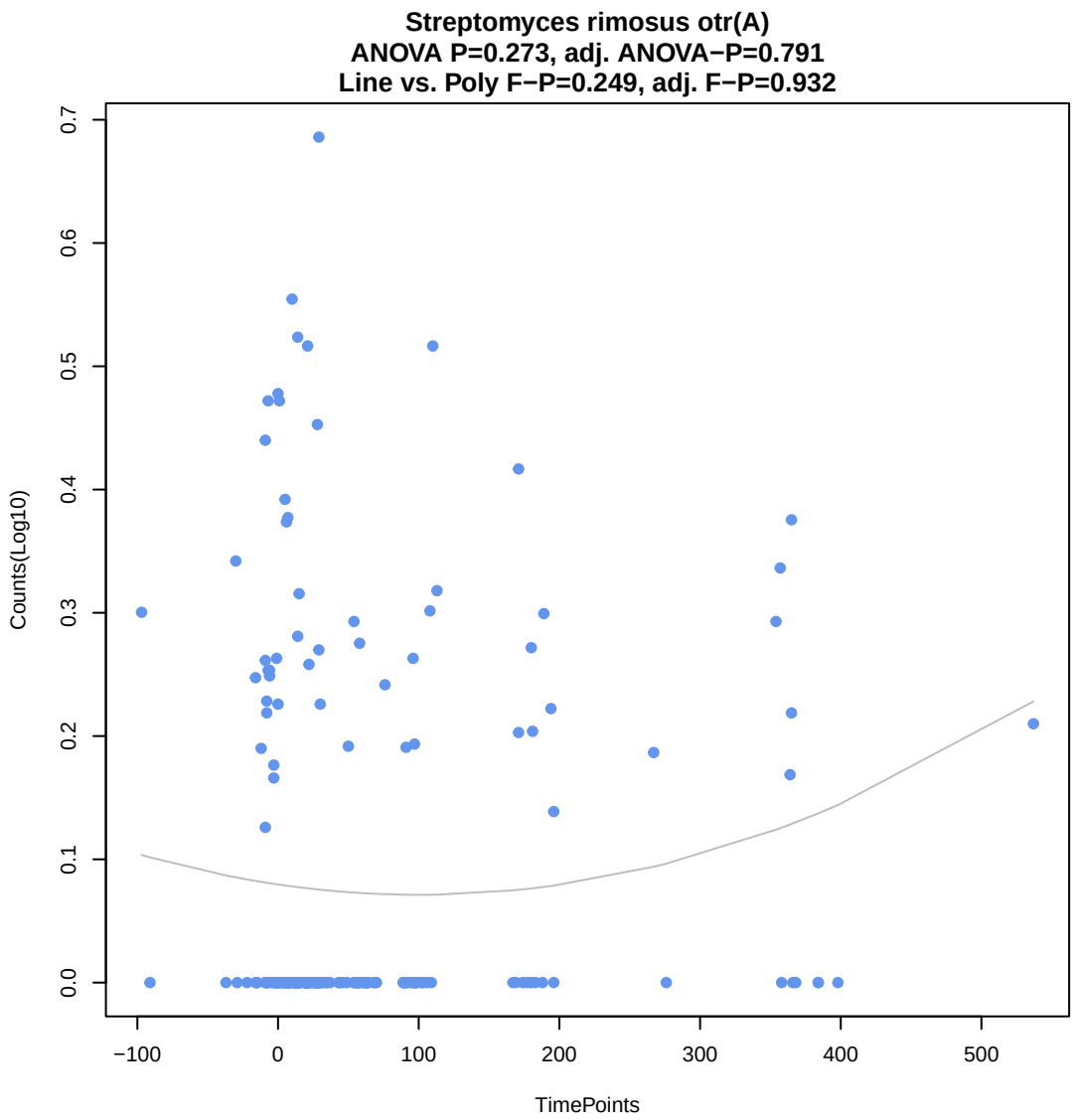

emrB
ANOVA P=0.0521, adj. ANOVA−P=0.51
Line vs. Poly F−P=0.198, adj. F−P=0.932
Counts(Log10)
TimePoints

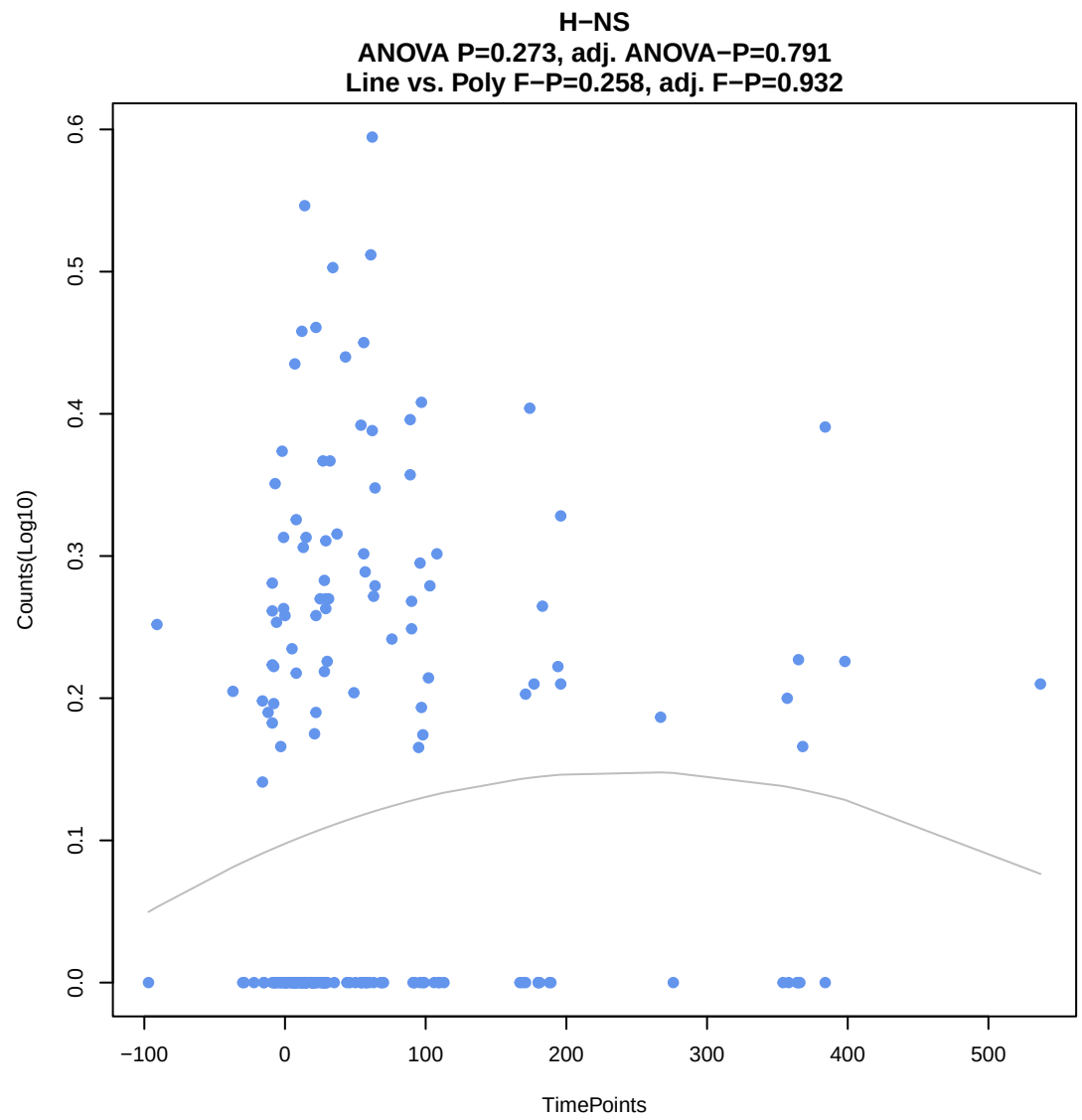

adeA
ANOVA P=0.402, adj. ANOVA−P=0.8
Line vs. Poly F−P=0.208, adj. F−P=0.932
Counts(Log10)
TimePoints

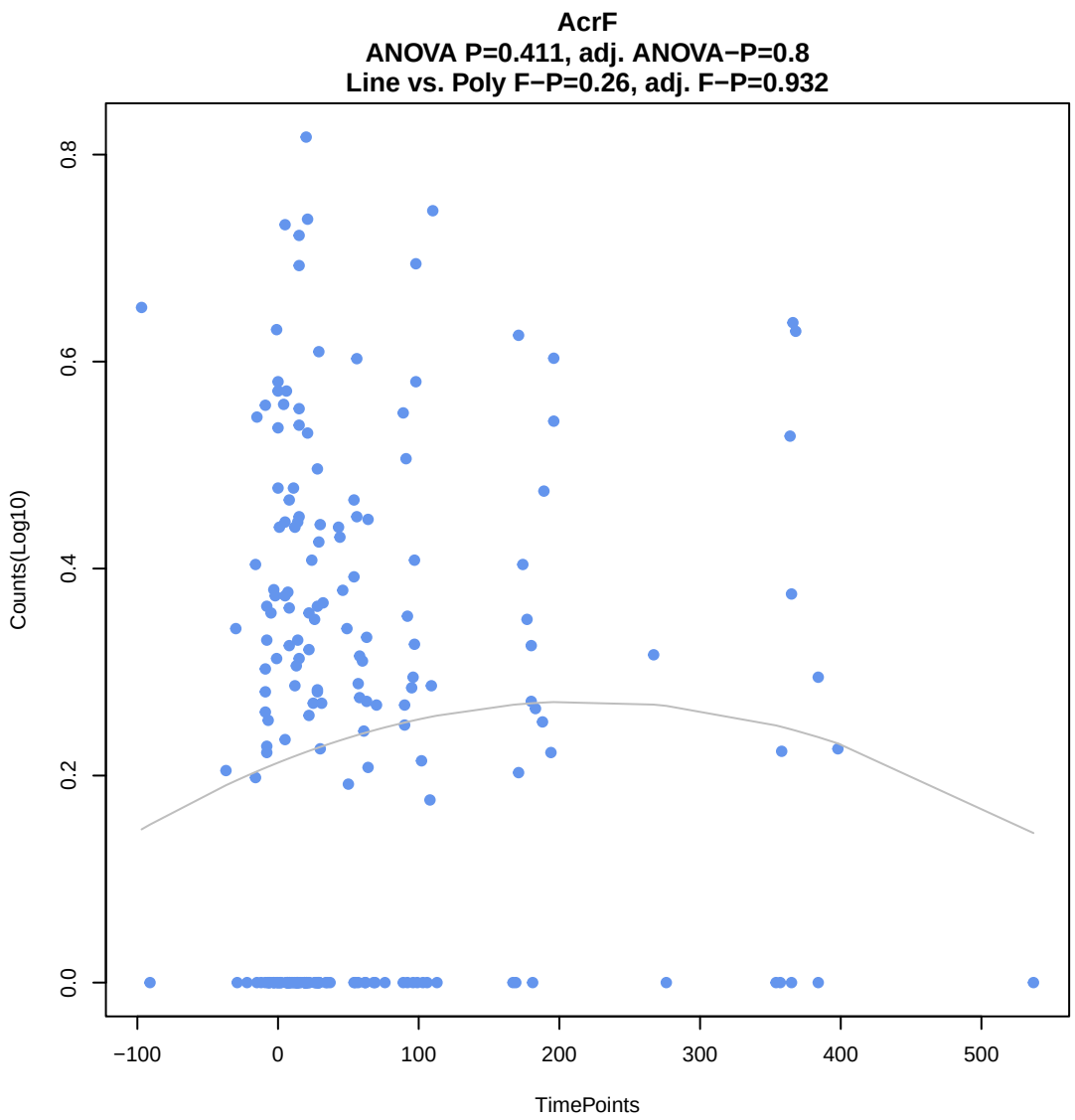

mdtM
ANOVA P=0.0823, adj. ANOVA−P=0.587
Line vs. Poly F−P=0.234, adj. F−P=0.932
Counts(Log10)
TimePoints

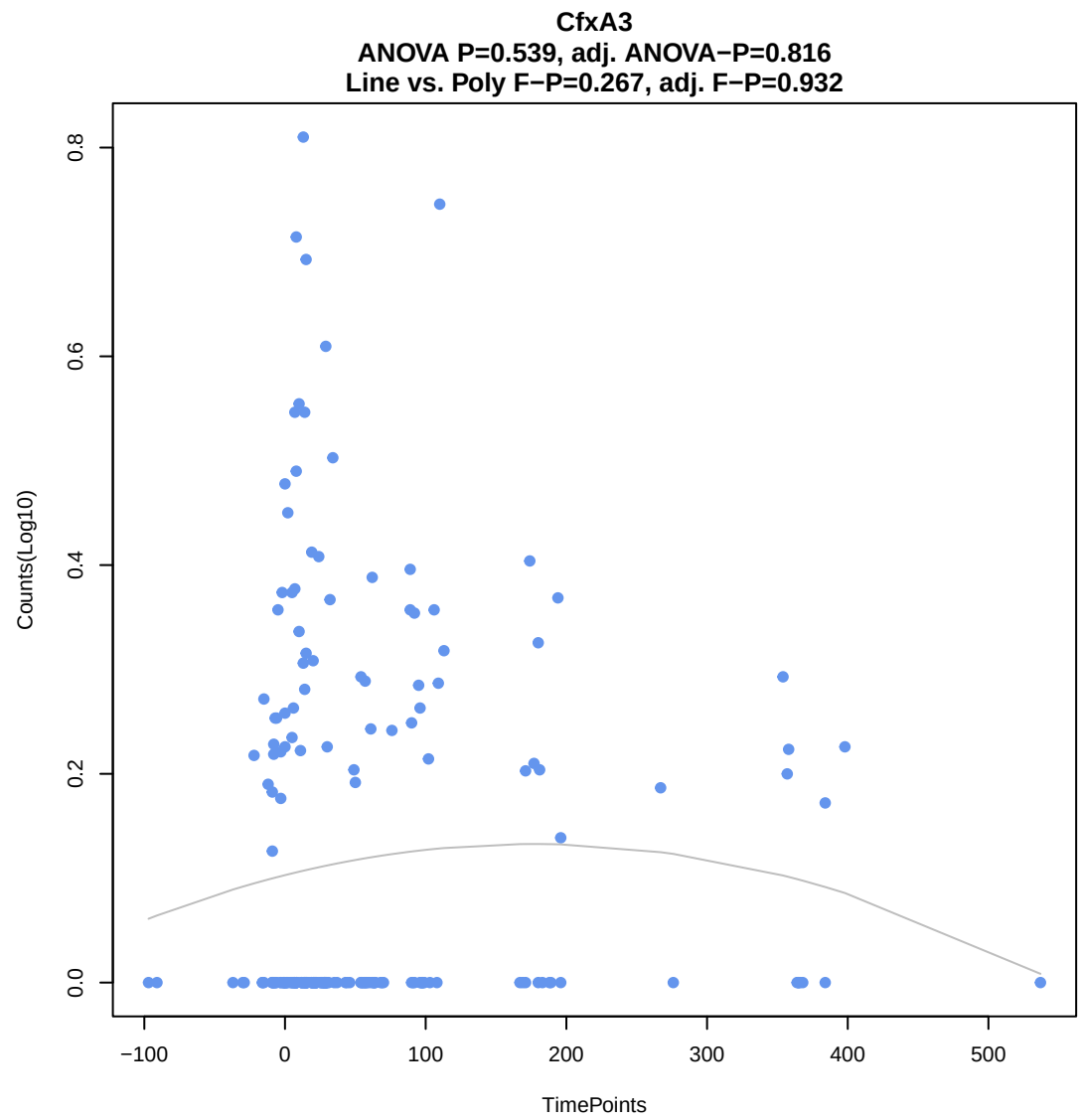

emrK
ANOVA P=0.483, adj. ANOVA−P=0.811
Line vs. Poly F−P=0.239, adj. F−P=0.932
Counts(Log10)
TimePoints


fexA
ANOVA P=0.443, adj. ANOVA−P=0.8
Line vs. Poly F−P=0.247, adj. F−P=0.932
Counts(Log10)
TimePoints

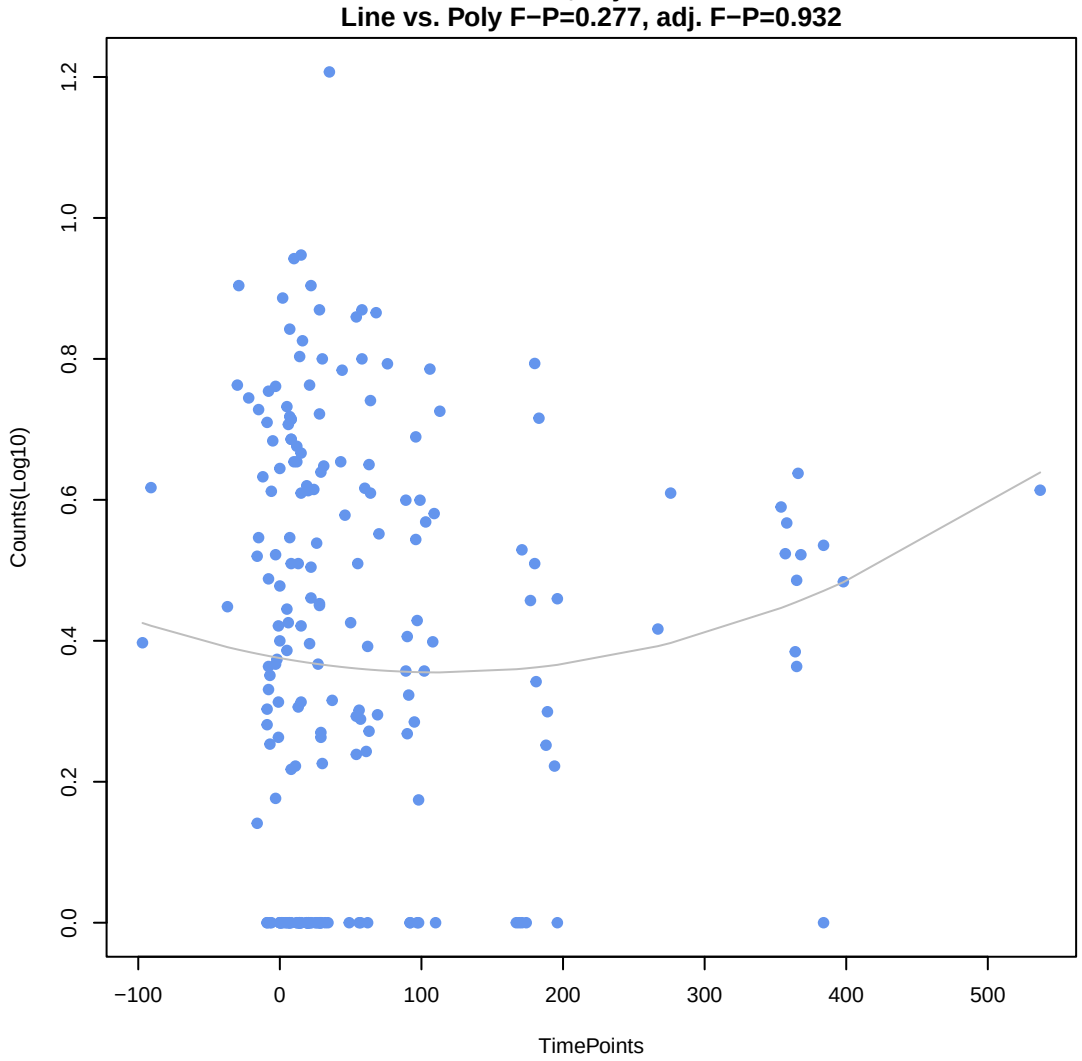

Streptomyces rimosus otr(A)
ANOVA P=0.273, adj. ANOVA−P=0.791
Line vs. Poly F−P=0.249, adj. F−P=0.932
Counts(Log10)
TimePoints


H−NS
ANOVA P=0.273, adj. ANOVA−P=0.791
Line vs. Poly F−P=0.258, adj. F−P=0.932
Counts(Log10)
TimePoints

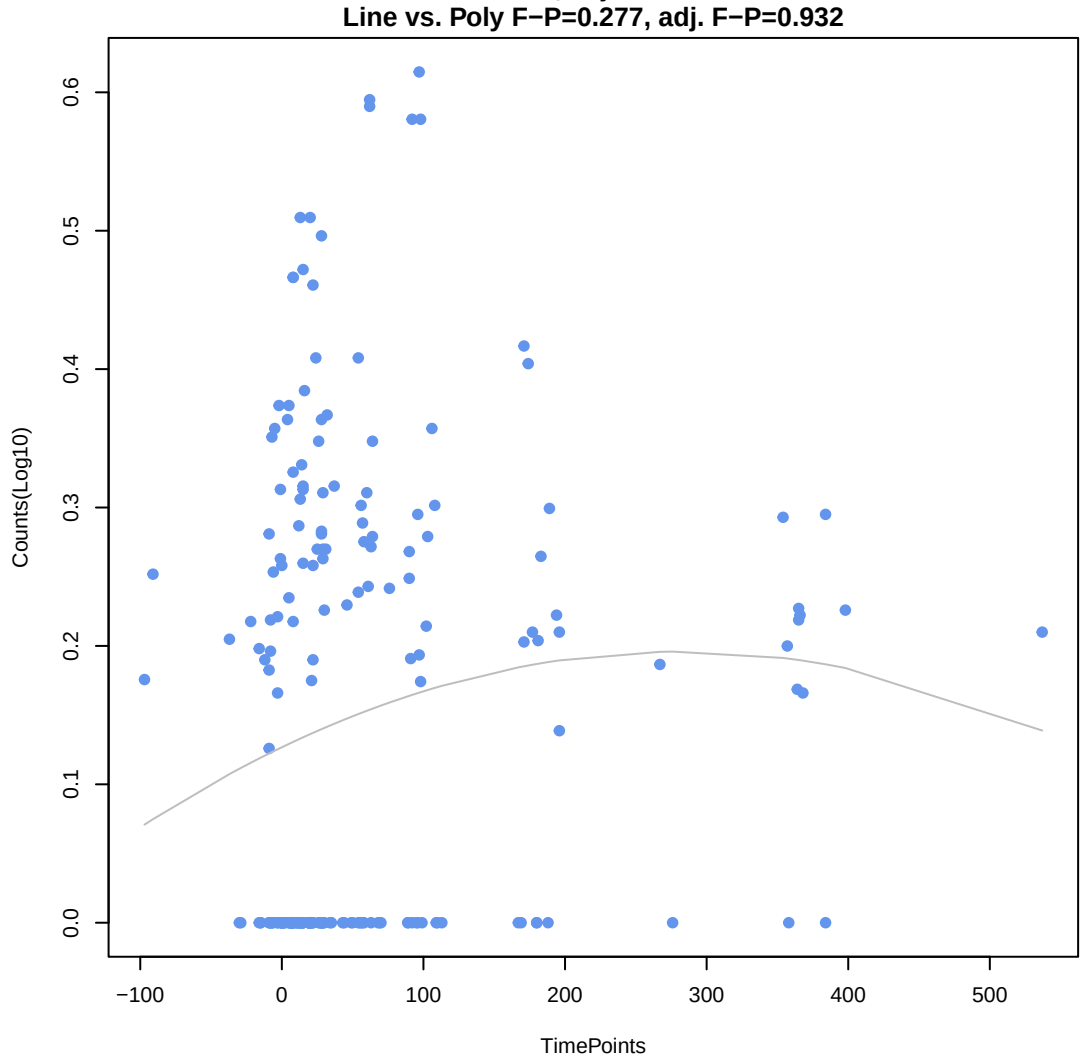

AcrF
ANOVA P=0.411, adj. ANOVA−P=0.8
Line vs. Poly F−P=0.26, adj. F−P=0.932
Counts(Log10)
TimePoints


CfxA3
ANOVA P=0.539, adj. ANOVA−P=0.816
Line vs. Poly F−P=0.267, adj. F−P=0.932
Counts(Log10)
TimePoints

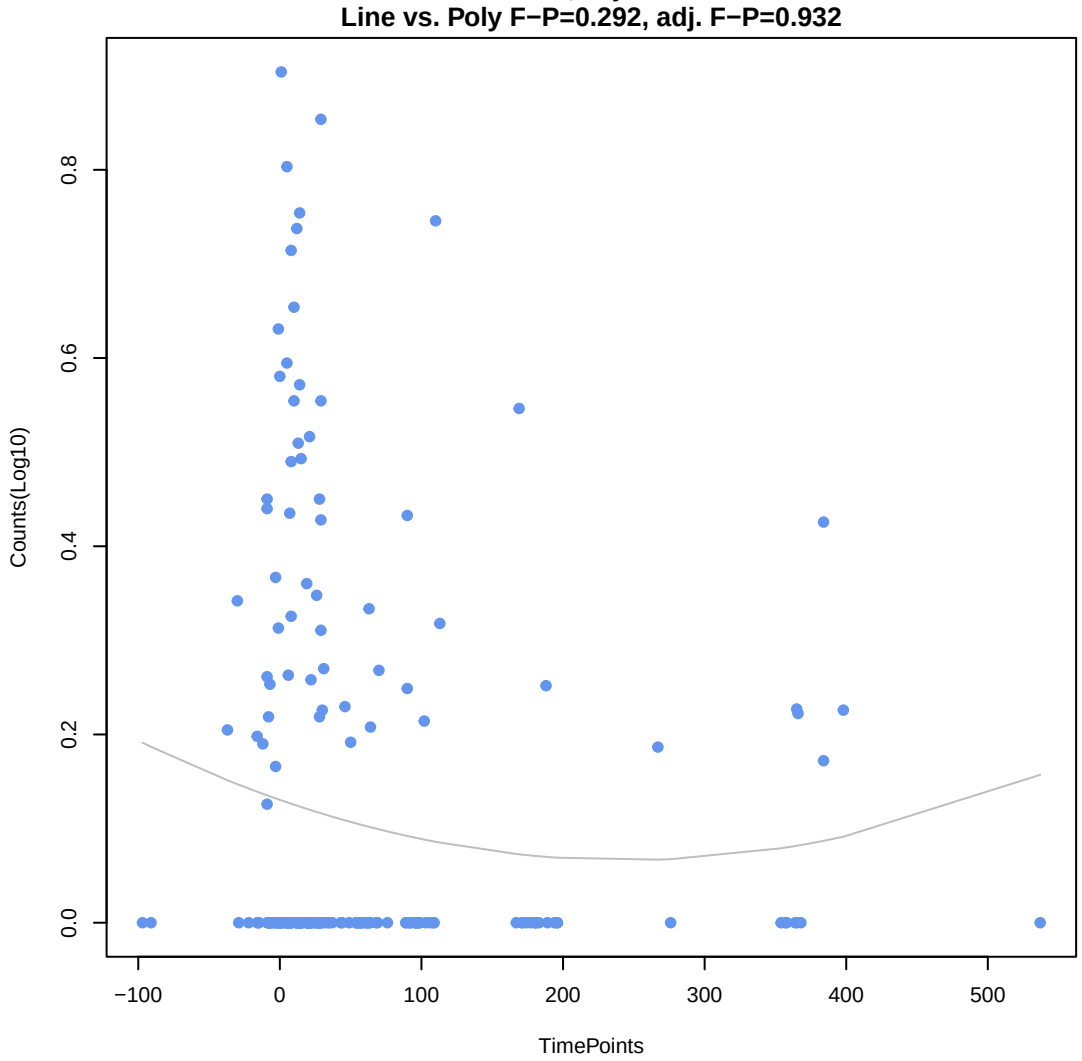
poxtA
ANOVA P=0.378, adj. ANOVA−P=0.8
Line vs. Poly F−P=0.277, adj. F−P=0.932



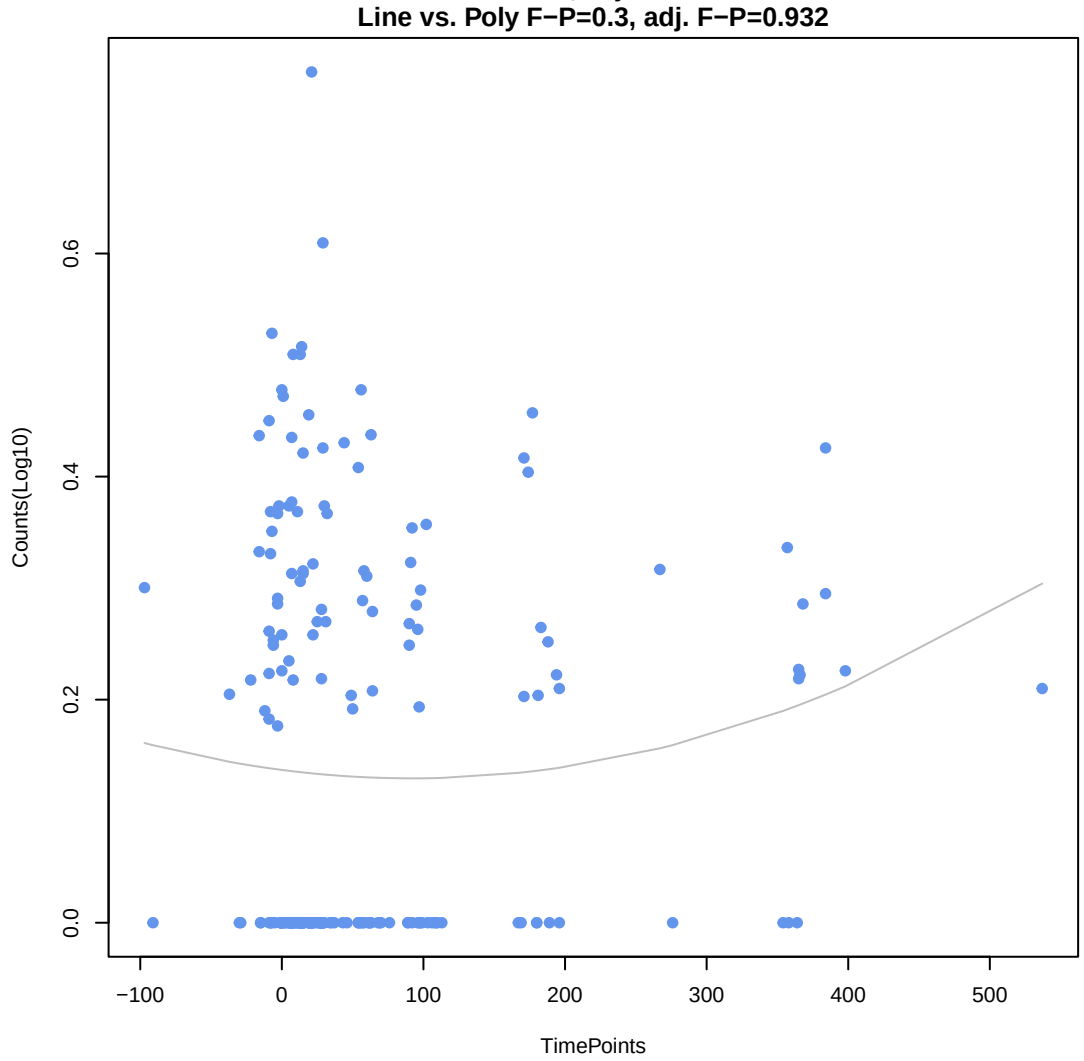
Escherichia coli EF−Tu mutants conferring resistance to Pulvomycin
ANOVA P=0.144, adj. ANOVA−P=0.698
Line vs. Poly F−P=0.277, adj. F−P=0.932



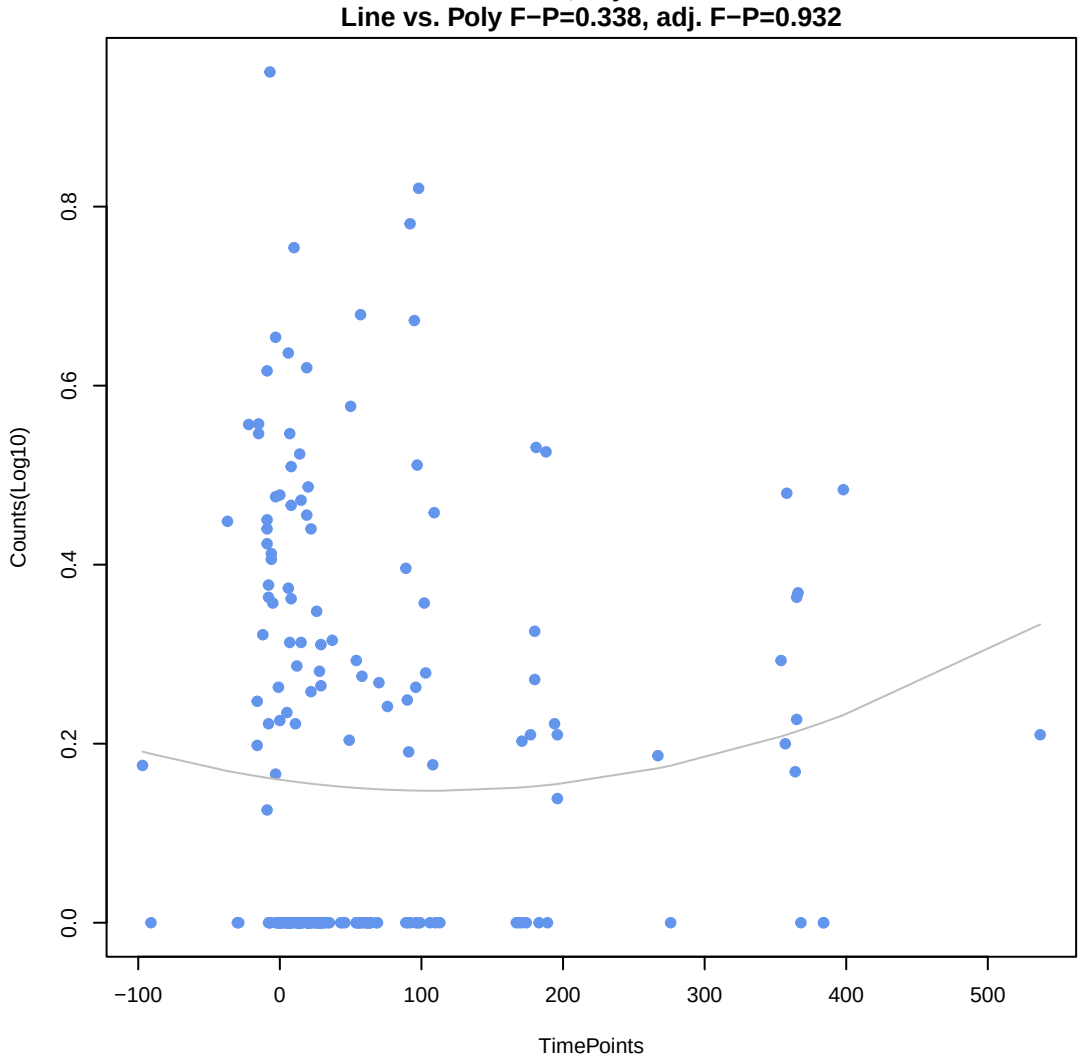
pmrA
ANOVA P=0.324, adj. ANOVA−P=0.8
Line vs. Poly F−P=0.292, adj. F−P=0.932



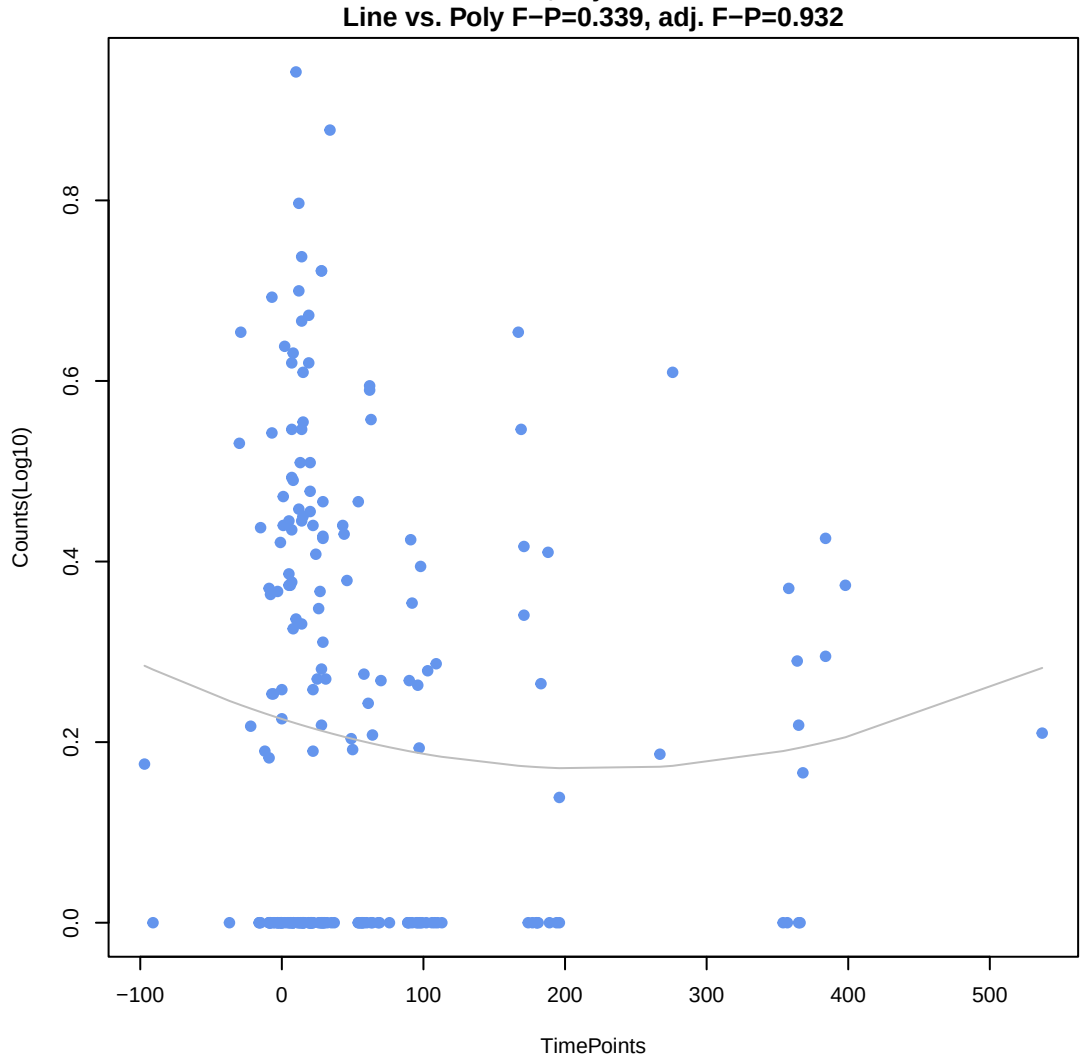
mdtH
ANOVA P=0.308, adj. ANOVA−P=0.8
Line vs. Poly F−P=0.3, adj. F−P=0.932

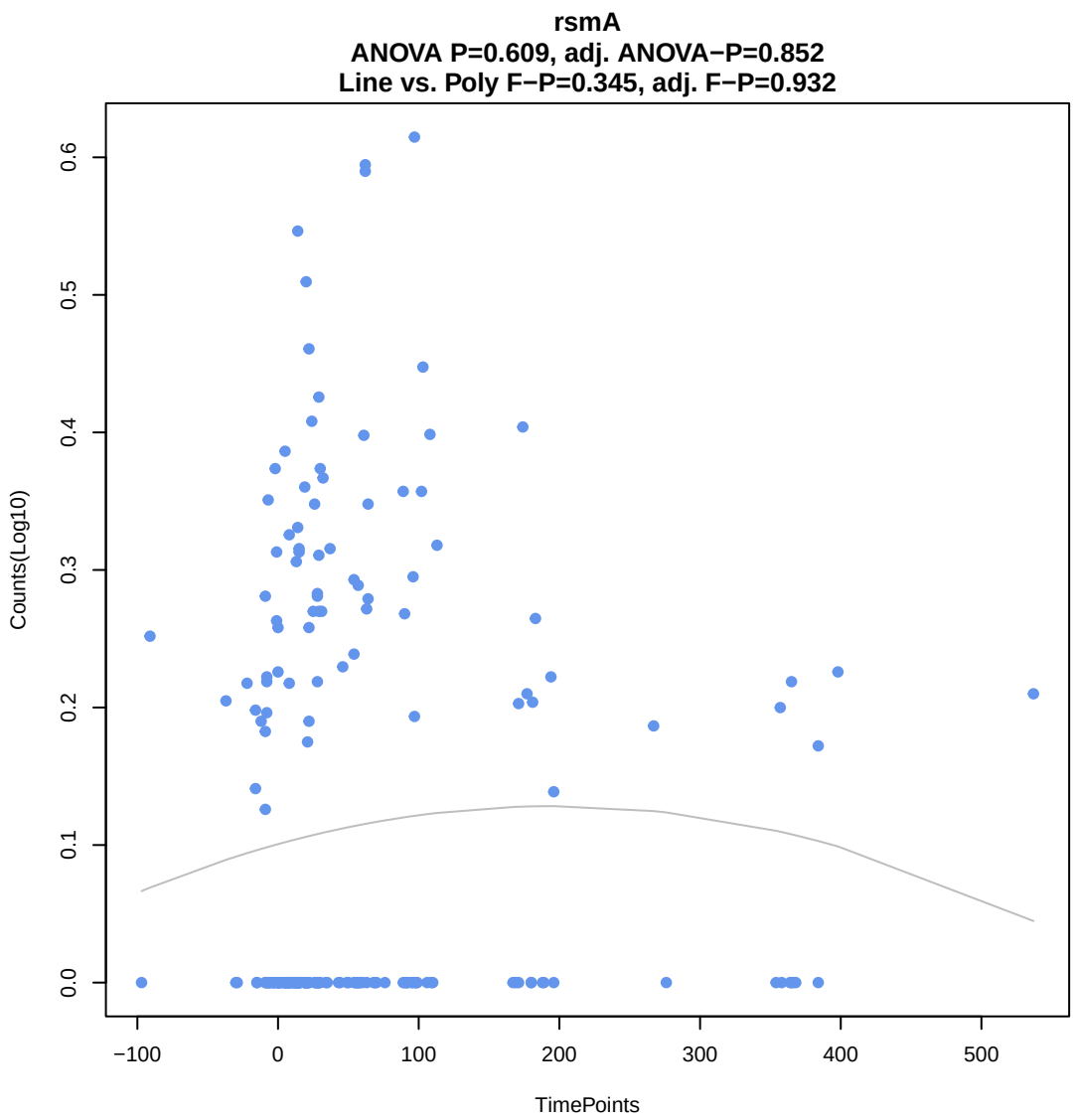


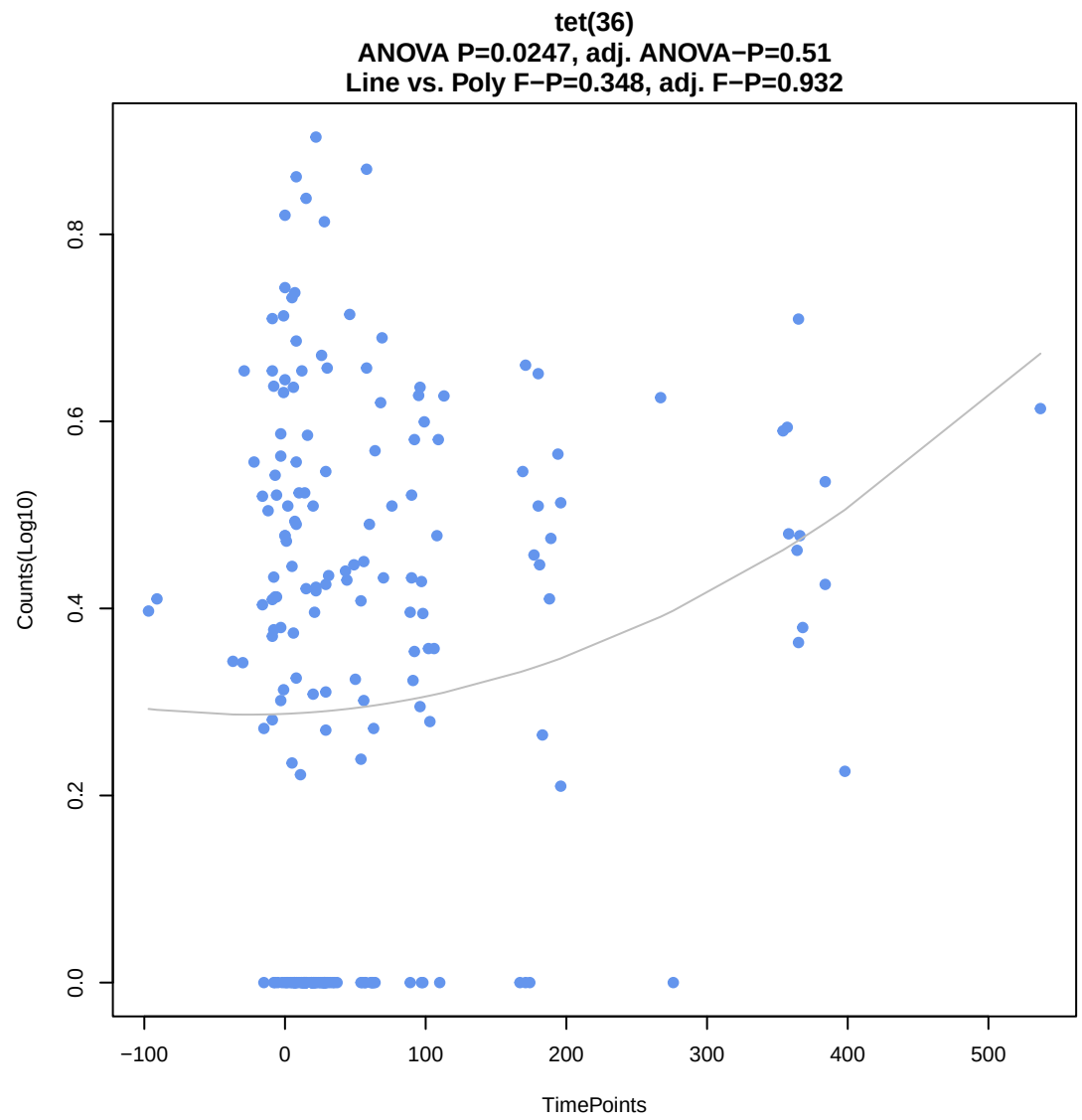
APH(6)−Ic
ANOVA P=0.453, adj. ANOVA−P=0.8
Line vs. Poly F−P=0.338, adj. F−P=0.932

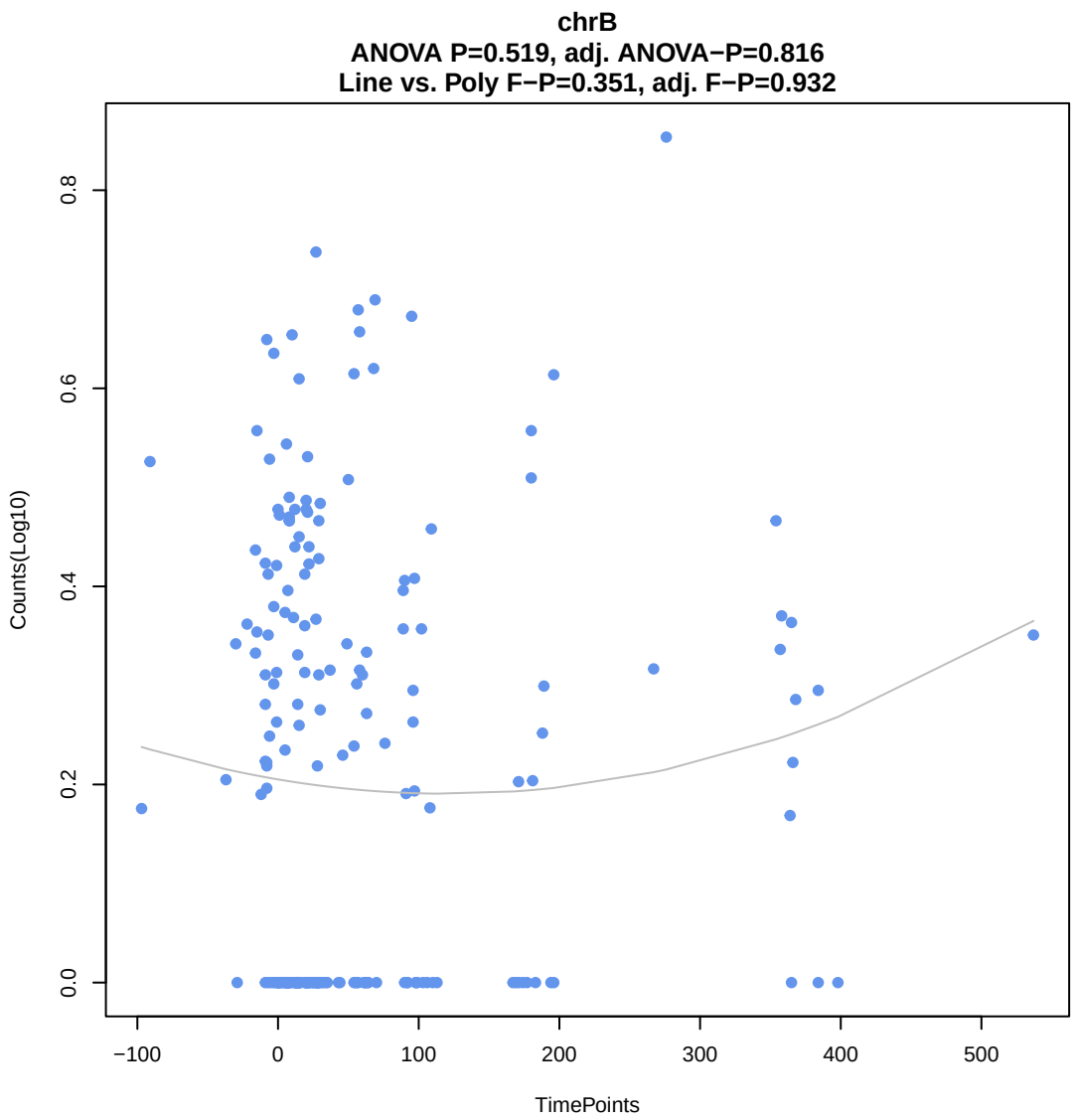


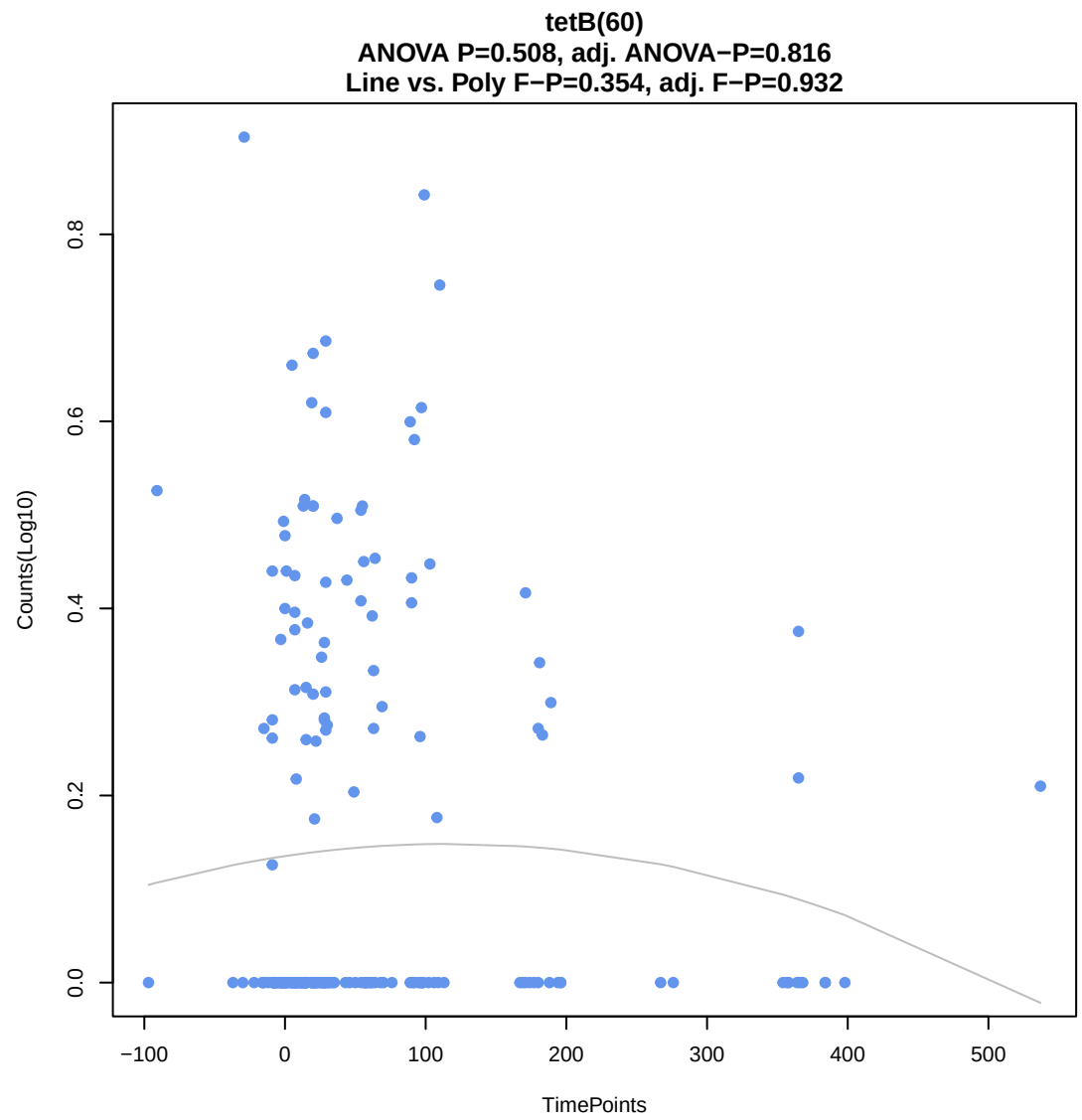
msrC
ANOVA P=0.51, adj. ANOVA−P=0.816
Line vs. Poly F−P=0.339, adj. F−P=0.932

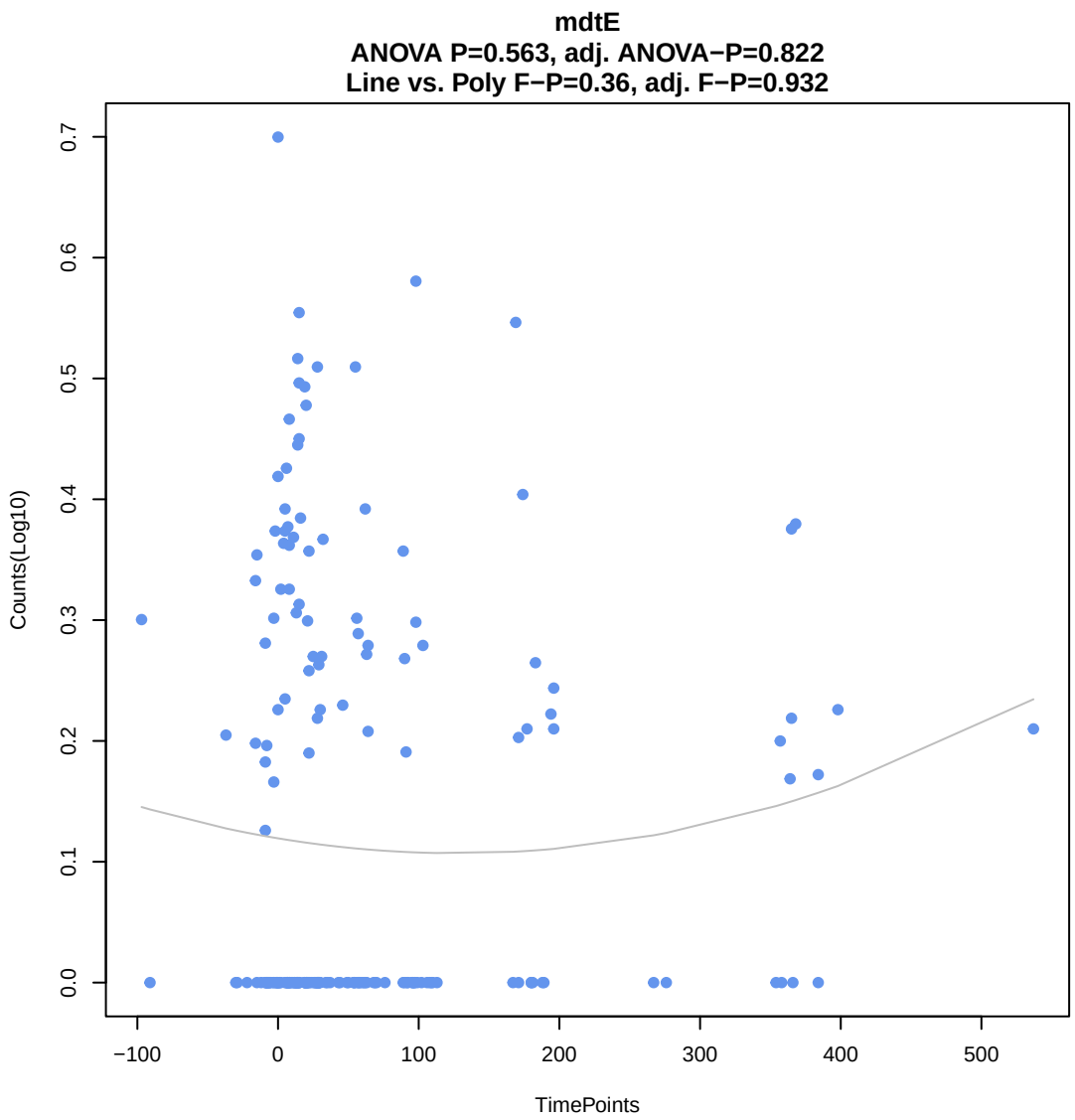


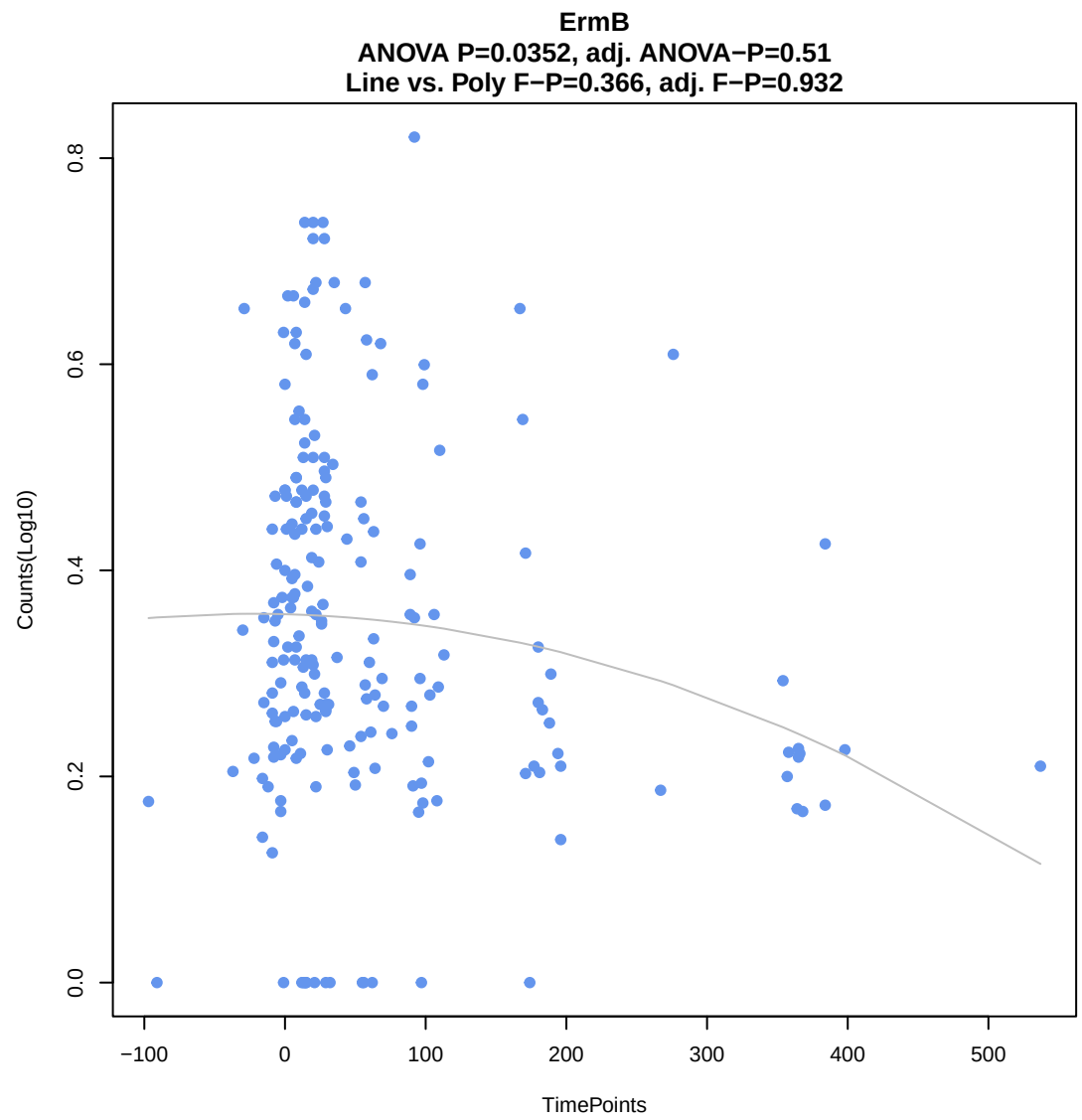

rsmA
ANOVA P=0.609, adj. ANOVA−P=0.852
Line vs. Poly F−P=0.345, adj. F−P=0.932
Counts(Log10)
TimePoints

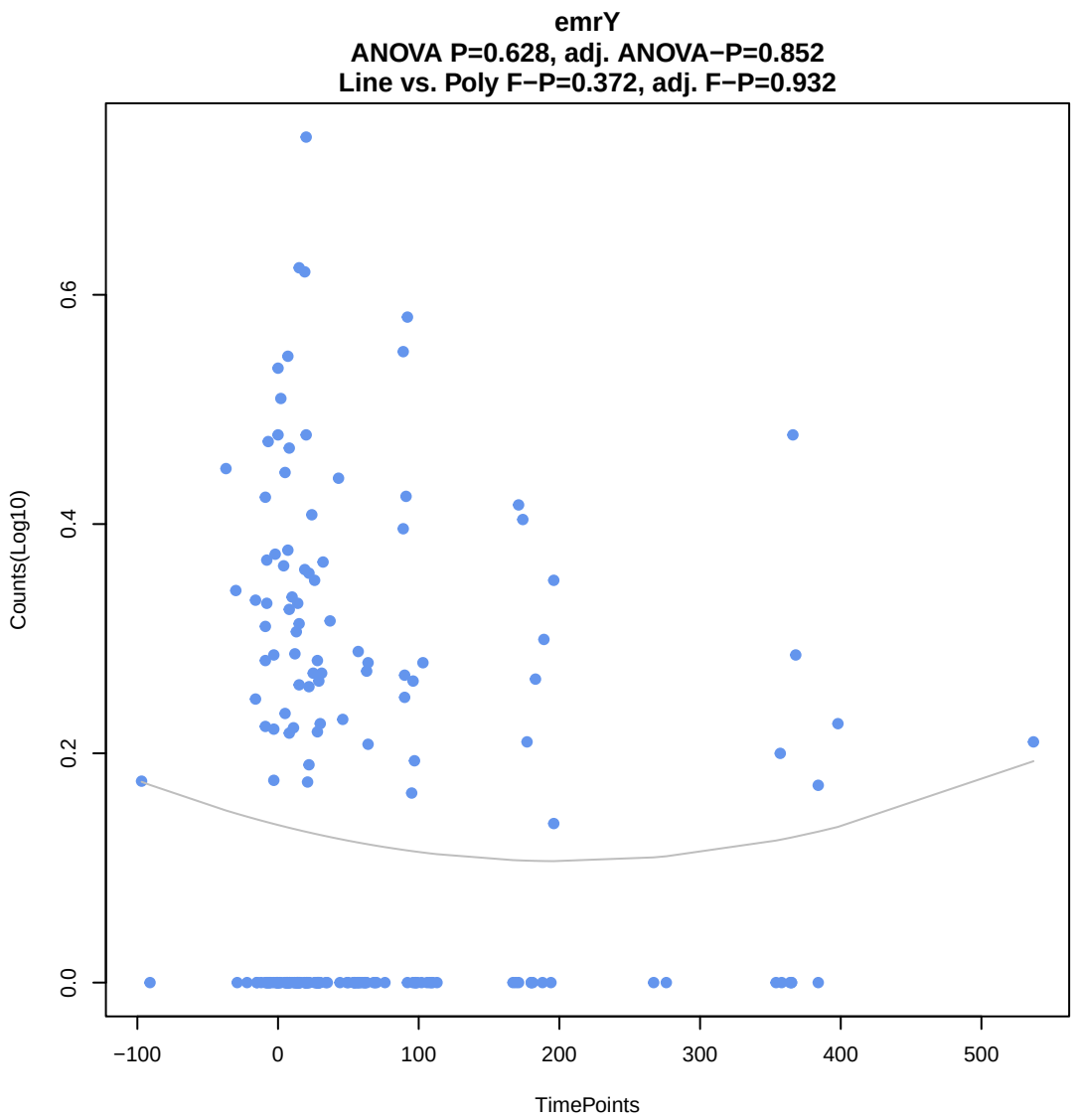

tet(36)
ANOVA P=0.0247, adj. ANOVA−P=0.51
Line vs. Poly F−P=0.348, adj. F−P=0.932
Counts(Log10)
TimePoints

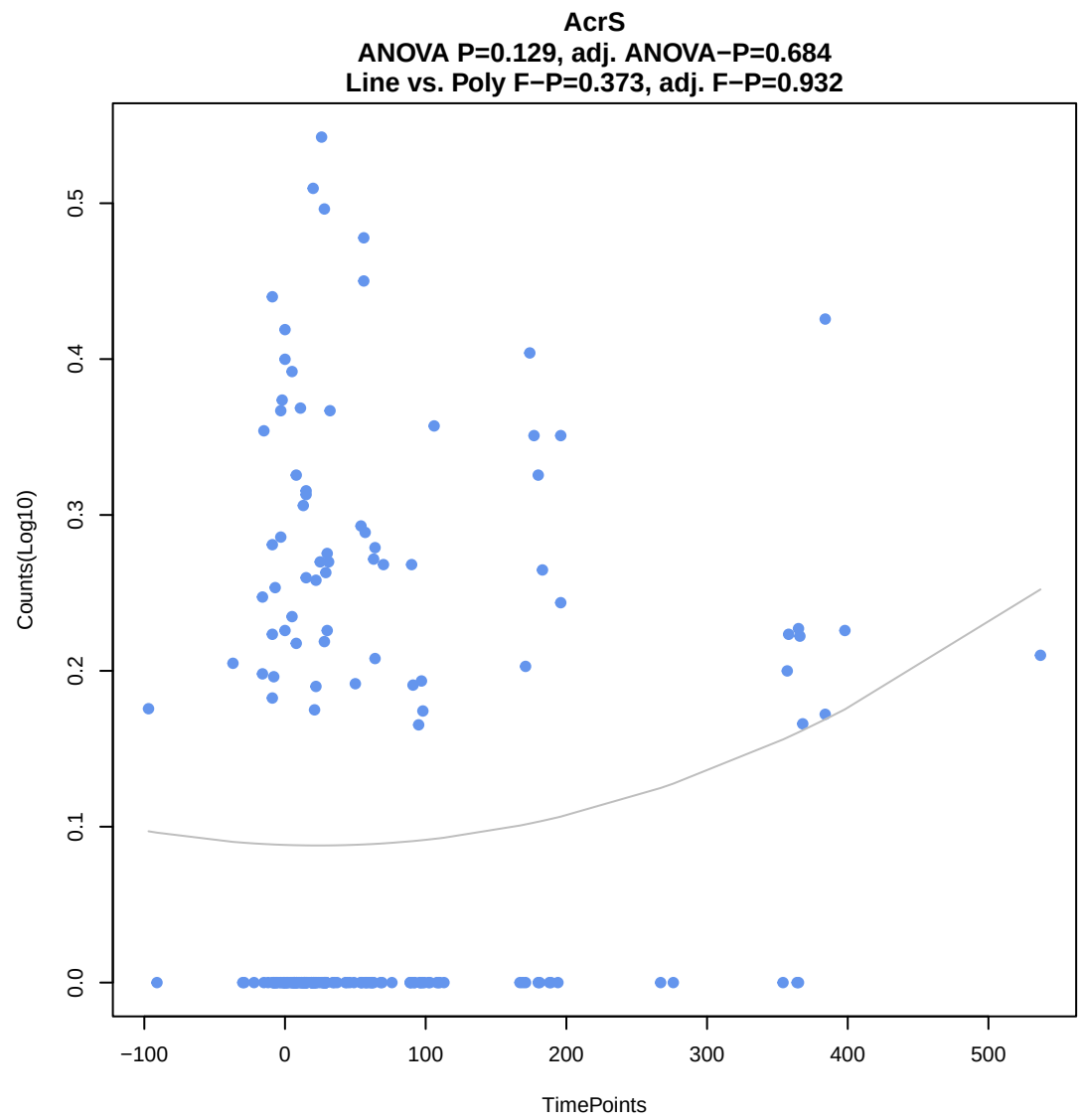

chrB
ANOVA P=0.519, adj. ANOVA−P=0.816
Line vs. Poly F−P=0.351, adj. F−P=0.932
Counts(Log10)
TimePoints

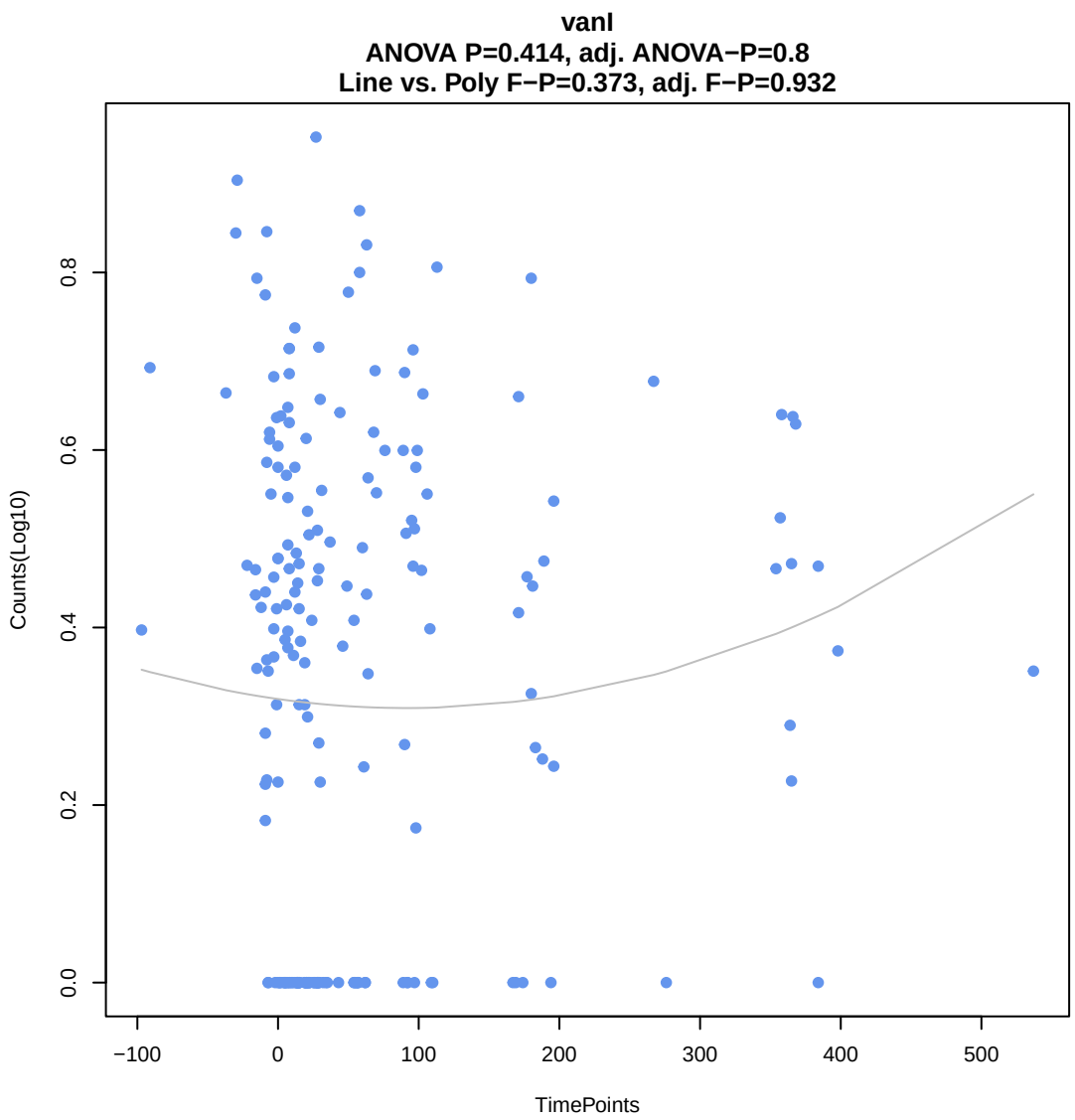

tetB(60)
ANOVA P=0.508, adj. ANOVA−P=0.816
Line vs. Poly F−P=0.354, adj. F−P=0.932
Counts(Log10)
TimePoints

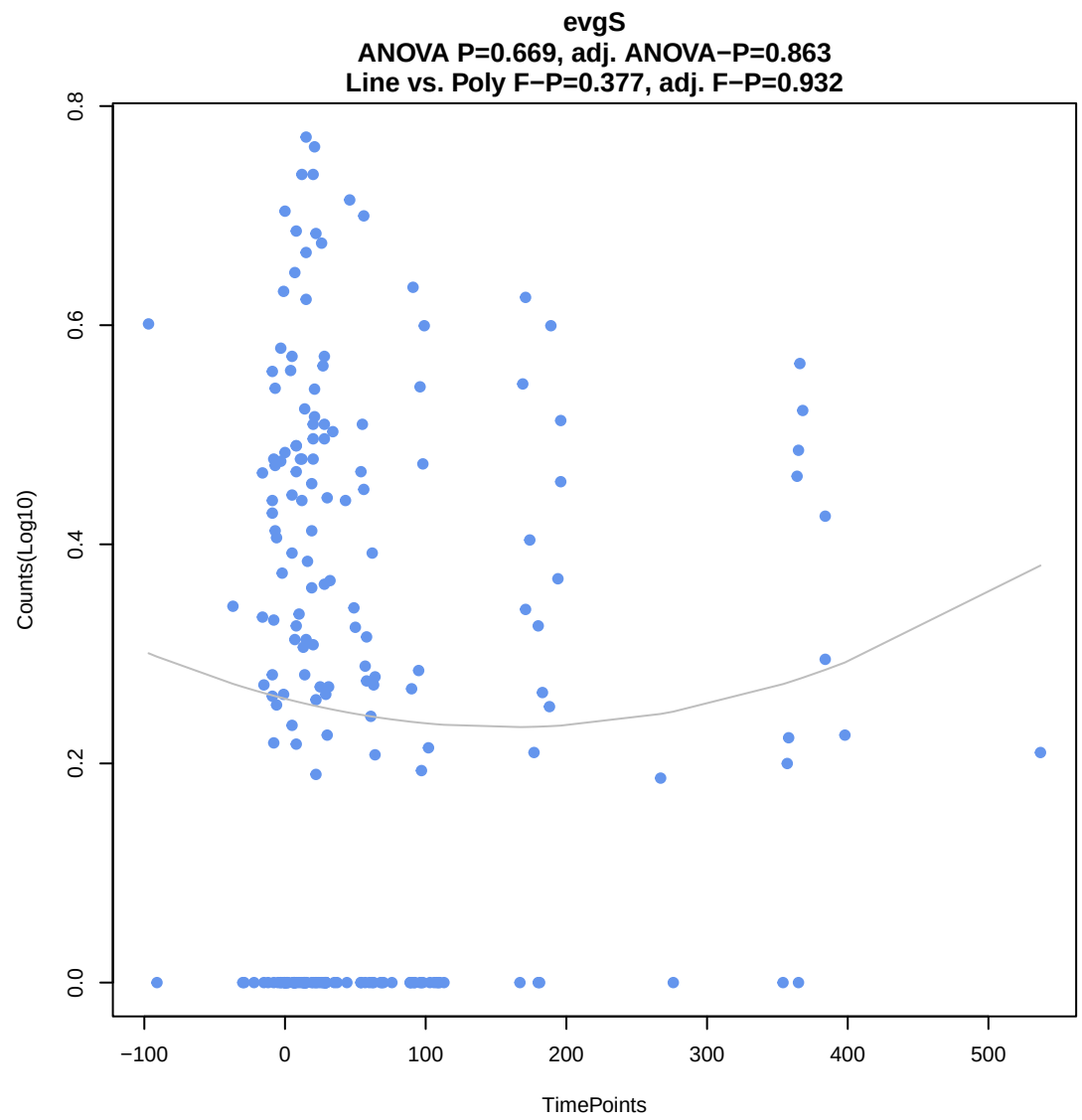

mdtE
ANOVA P=0.563, adj. ANOVA−P=0.822
Line vs. Poly F−P=0.36, adj. F−P=0.932
Counts(Log10)
TimePoints

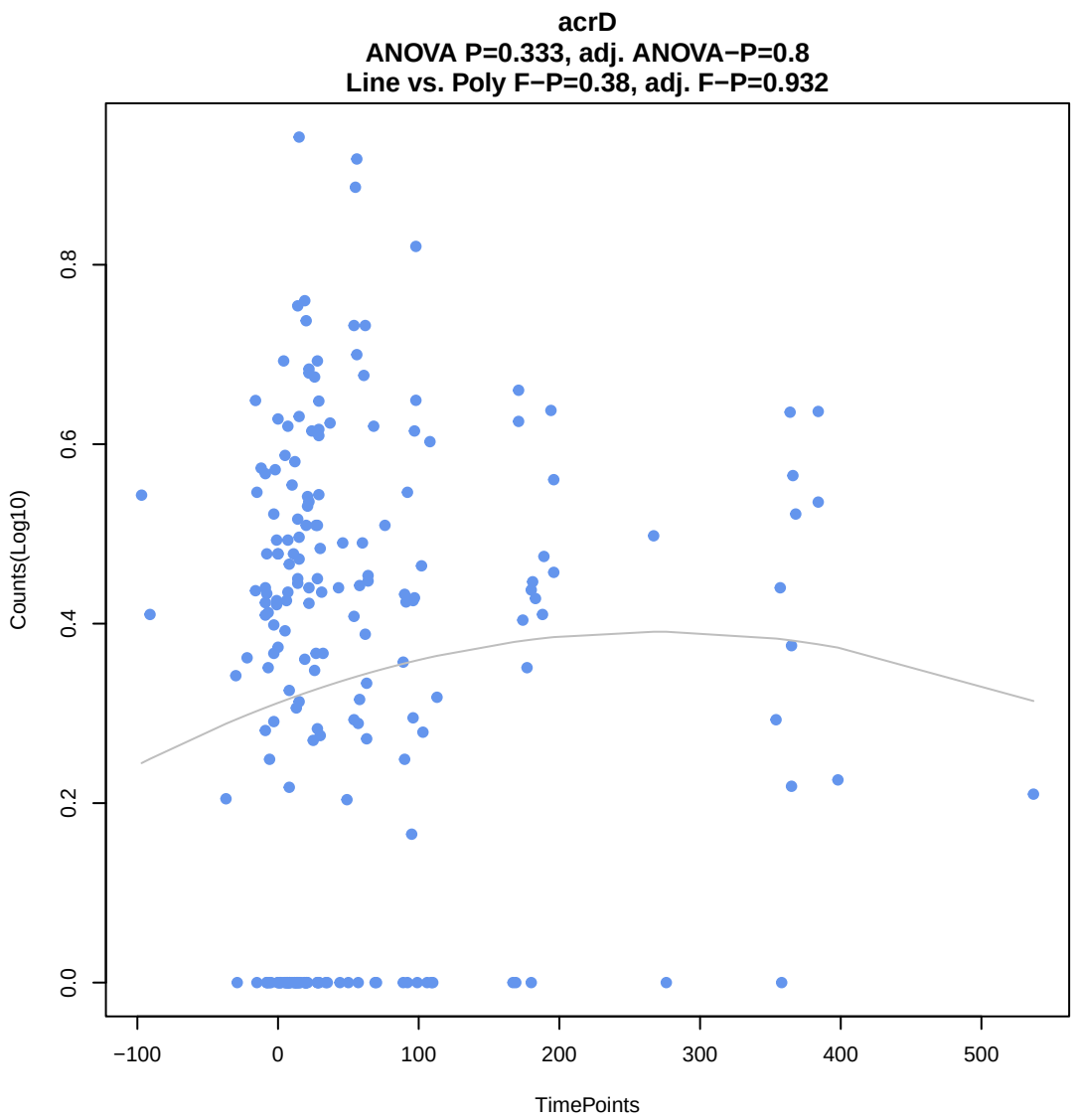

ErmB
ANOVA P=0.0352, adj. ANOVA−P=0.51
Line vs. Poly F−P=0.366, adj. F−P=0.932
Counts(Log10)
TimePoints

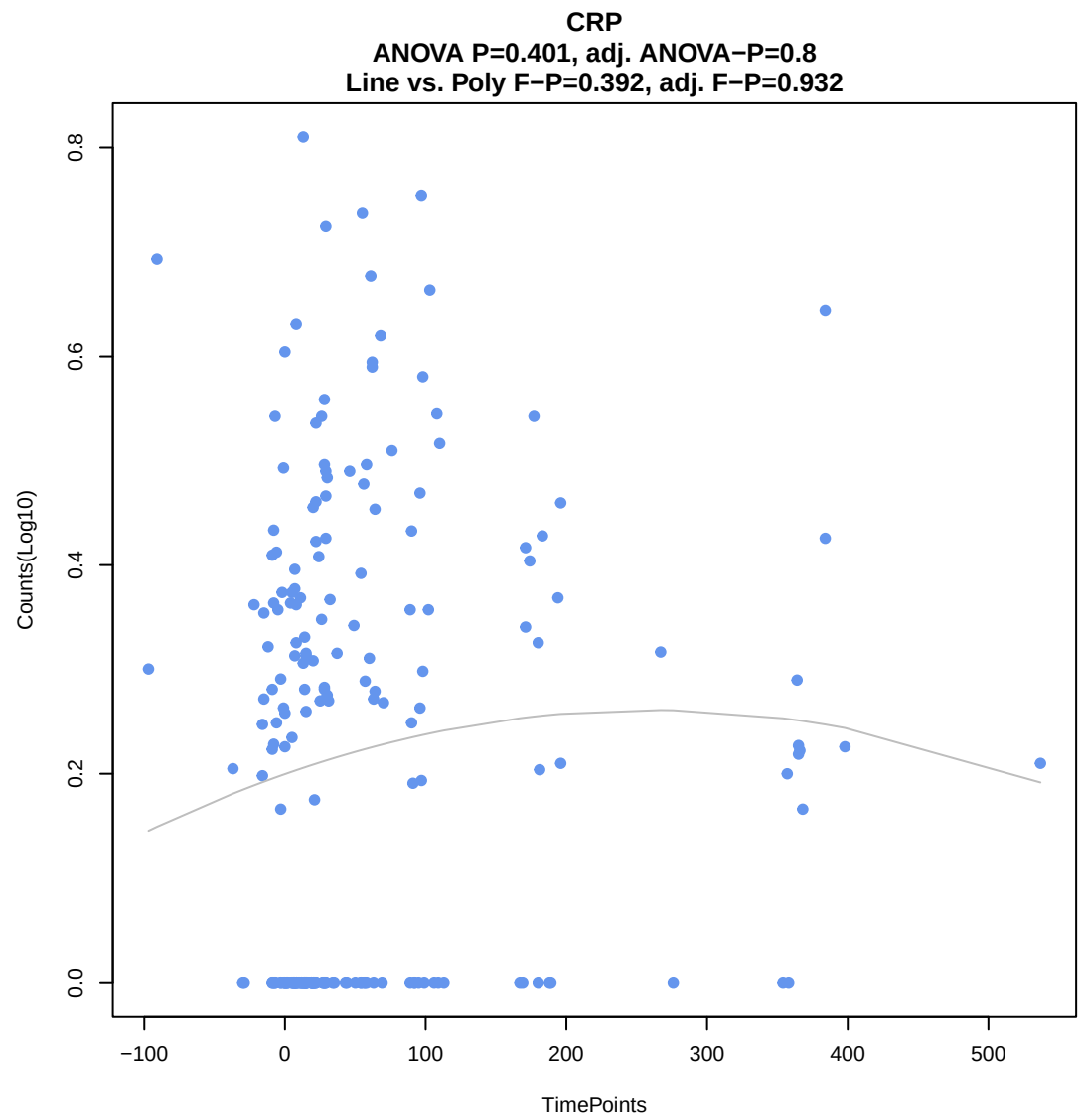

emrY
ANOVA P=0.628, adj. ANOVA−P=0.852
Line vs. Poly F−P=0.372, adj. F−P=0.932
Counts(Log10)
TimePoints


AcrS
ANOVA P=0.129, adj. ANOVA−P=0.684
Line vs. Poly F−P=0.373, adj. F−P=0.932
Counts(Log10)
TimePoints

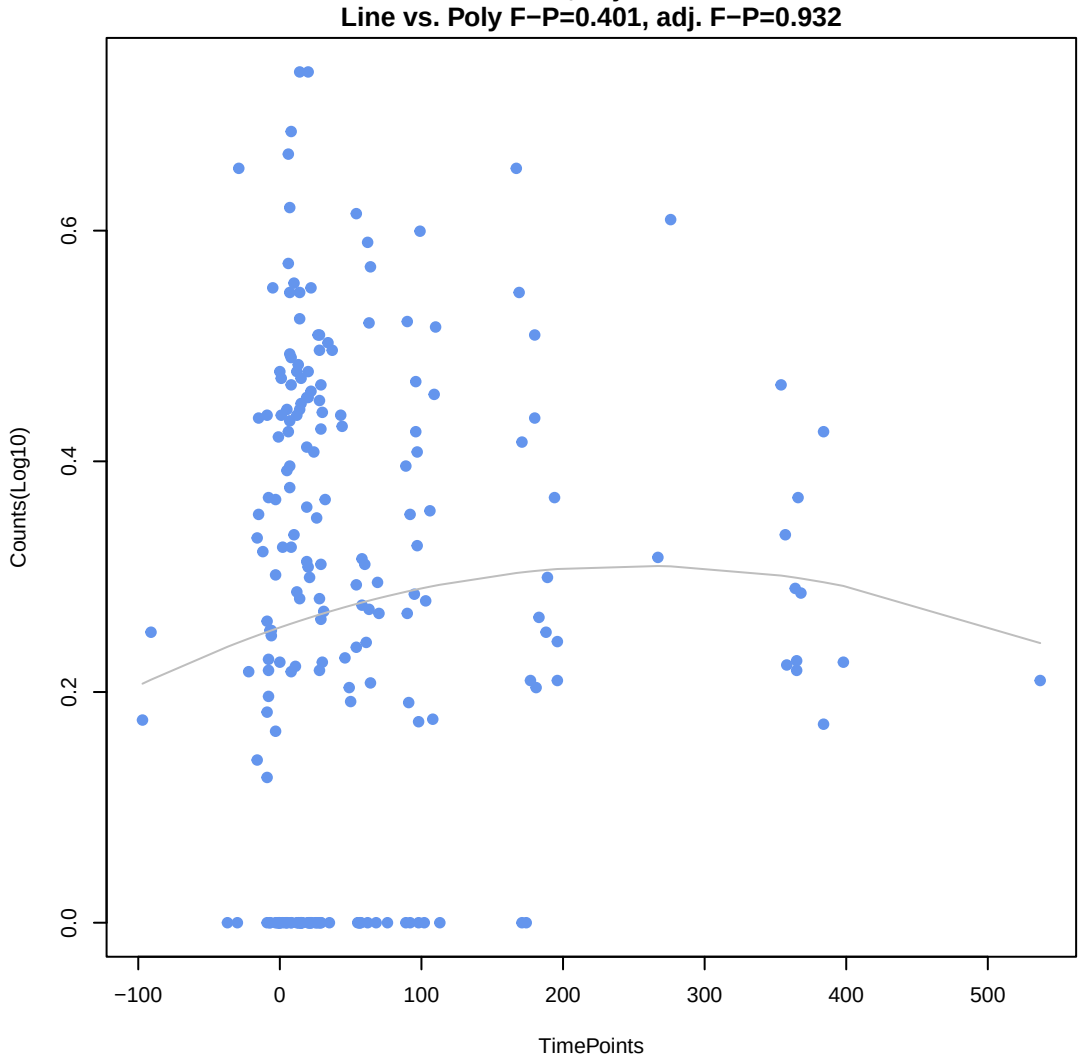

vanI
ANOVA P=0.414, adj. ANOVA−P=0.8
Line vs. Poly F−P=0.373, adj. F−P=0.932
Counts(Log10)
TimePoints


evgS
ANOVA P=0.669, adj. ANOVA−P=0.863
Line vs. Poly F−P=0.377, adj. F−P=0.932
Counts(Log10)
TimePoints

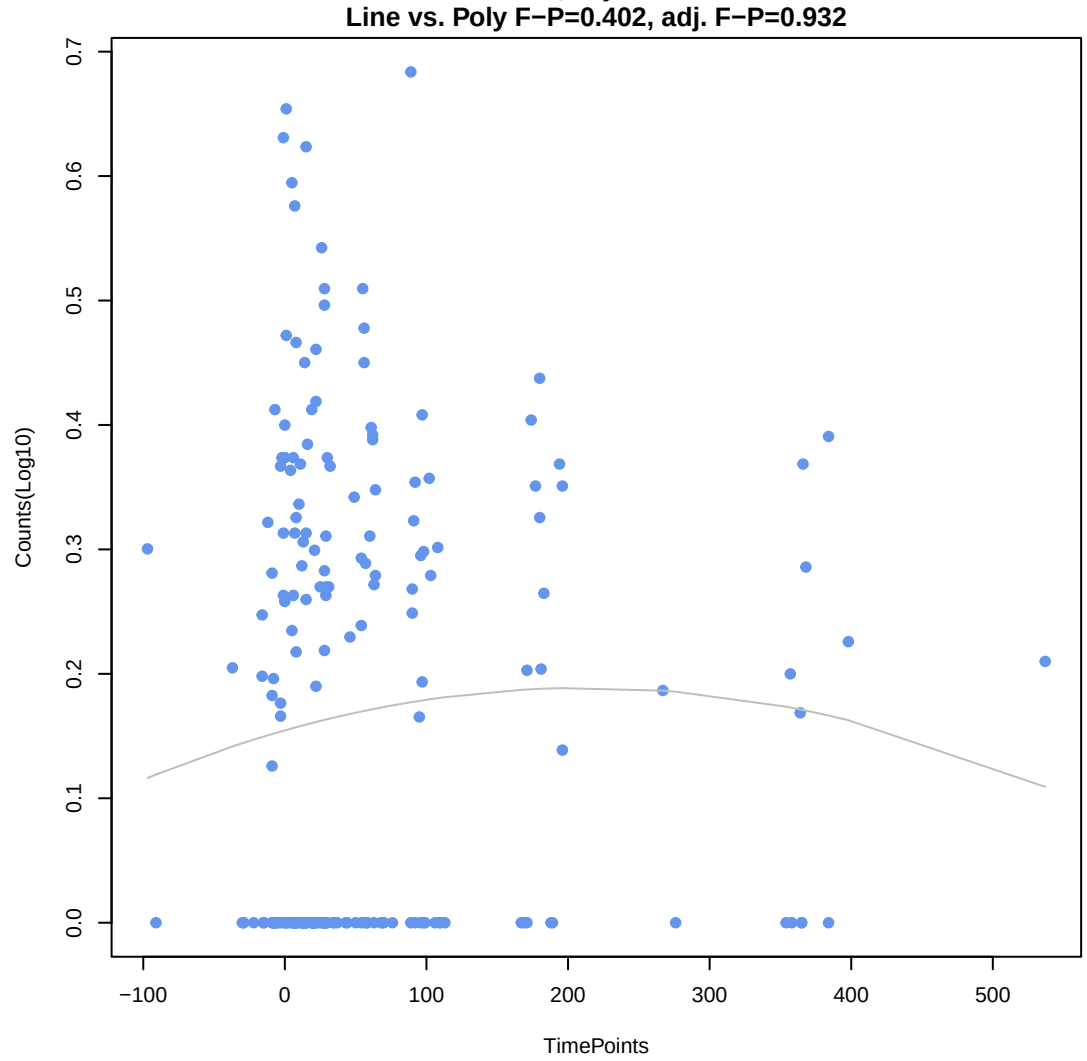

acrD
ANOVA P=0.333, adj. ANOVA−P=0.8
Line vs. Poly F−P=0.38, adj. F−P=0.932
Counts(Log10)
TimePoints


CRP
ANOVA P=0.401, adj. ANOVA−P=0.8
Line vs. Poly F−P=0.392, adj. F−P=0.932
Counts(Log10)
TimePoints

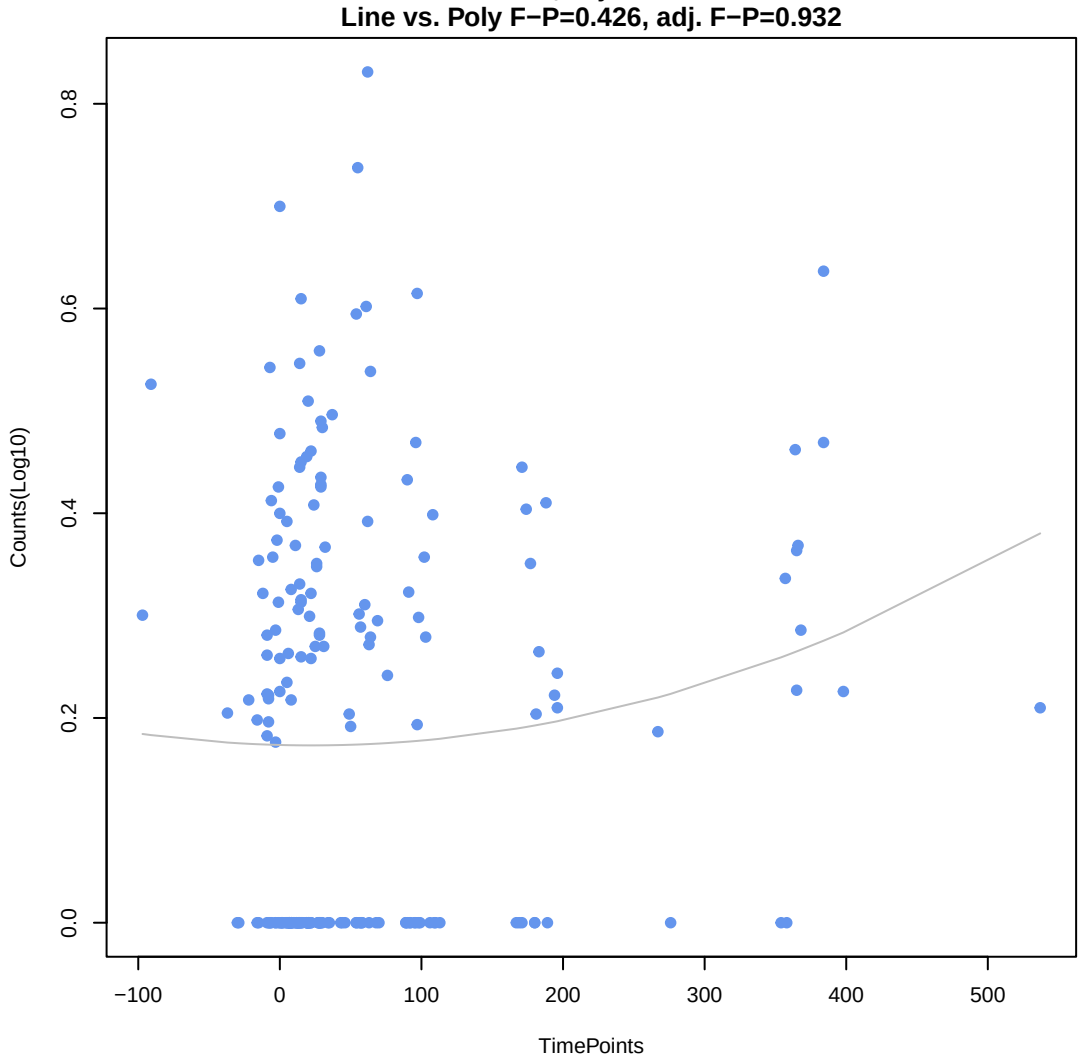
SAT−4
ANOVA P=0.449, adj. ANOVA−P=0.8
Line vs. Poly F−P=0.401, adj. F−P=0.932



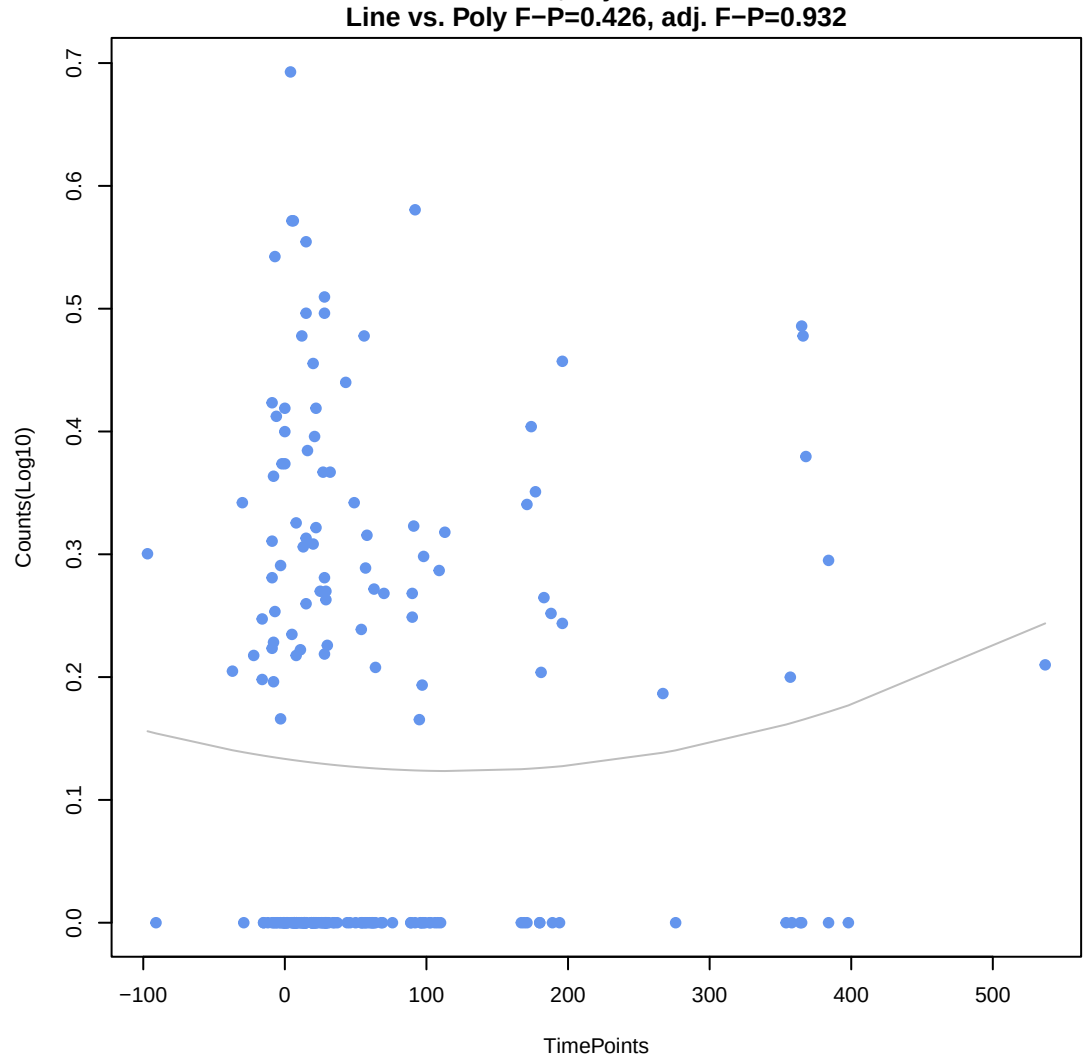
emrA
ANOVA P=0.629, adj. ANOVA−P=0.852
Line vs. Poly F−P=0.402, adj. F−P=0.932



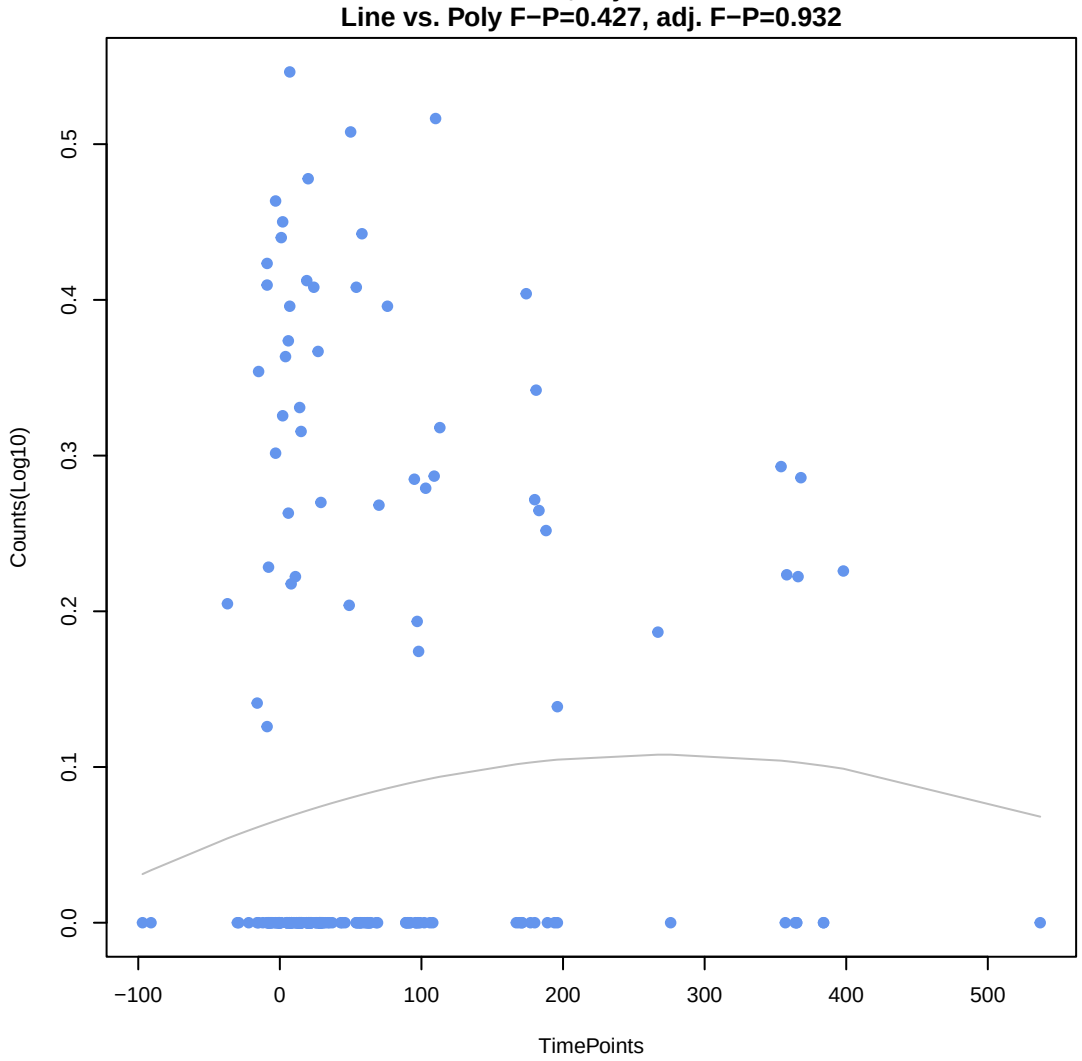
baeR
ANOVA P=0.189, adj. ANOVA−P=0.772
Line vs. Poly F−P=0.426, adj. F−P=0.932



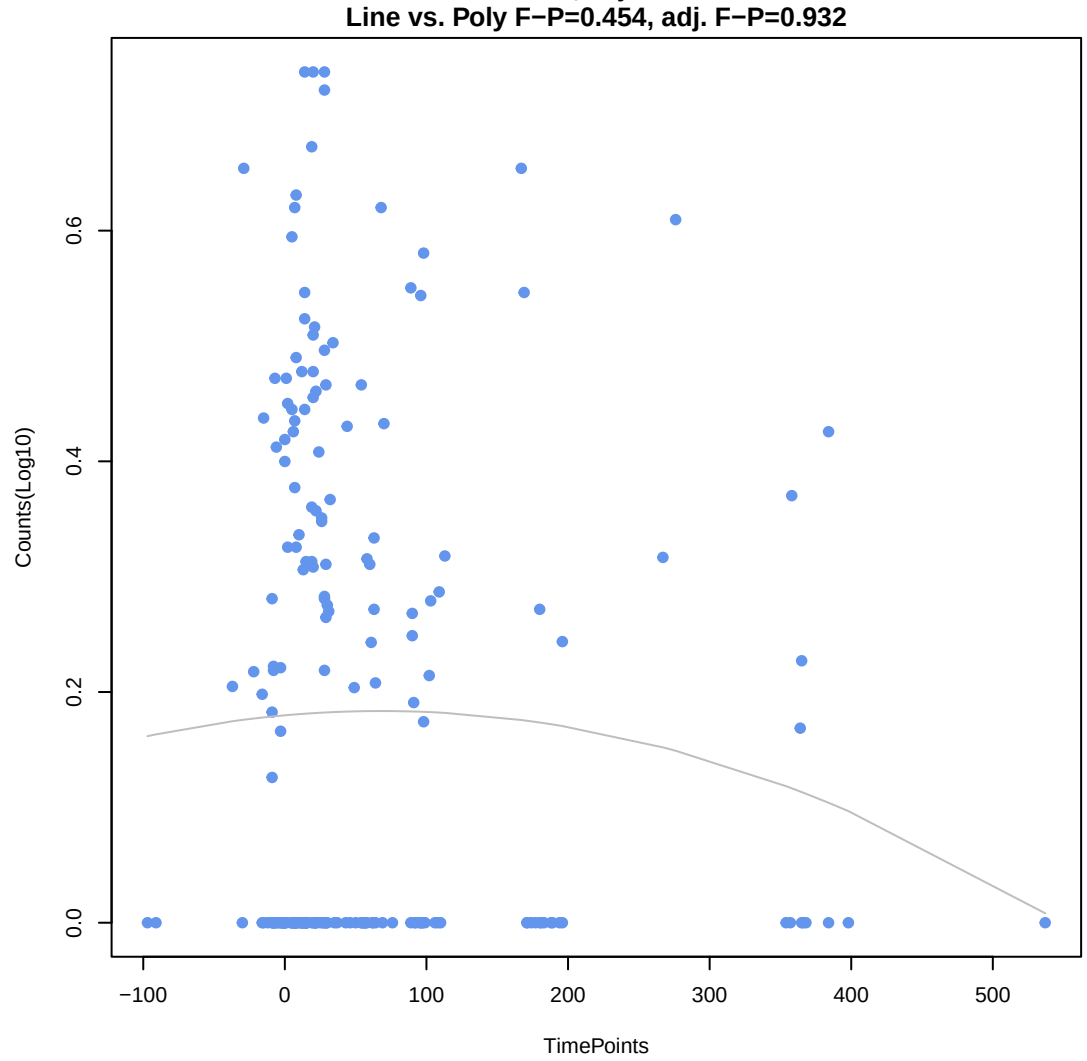
eptA
ANOVA P=0.618, adj. ANOVA−P=0.852
Line vs. Poly F−P=0.426, adj. F−P=0.932

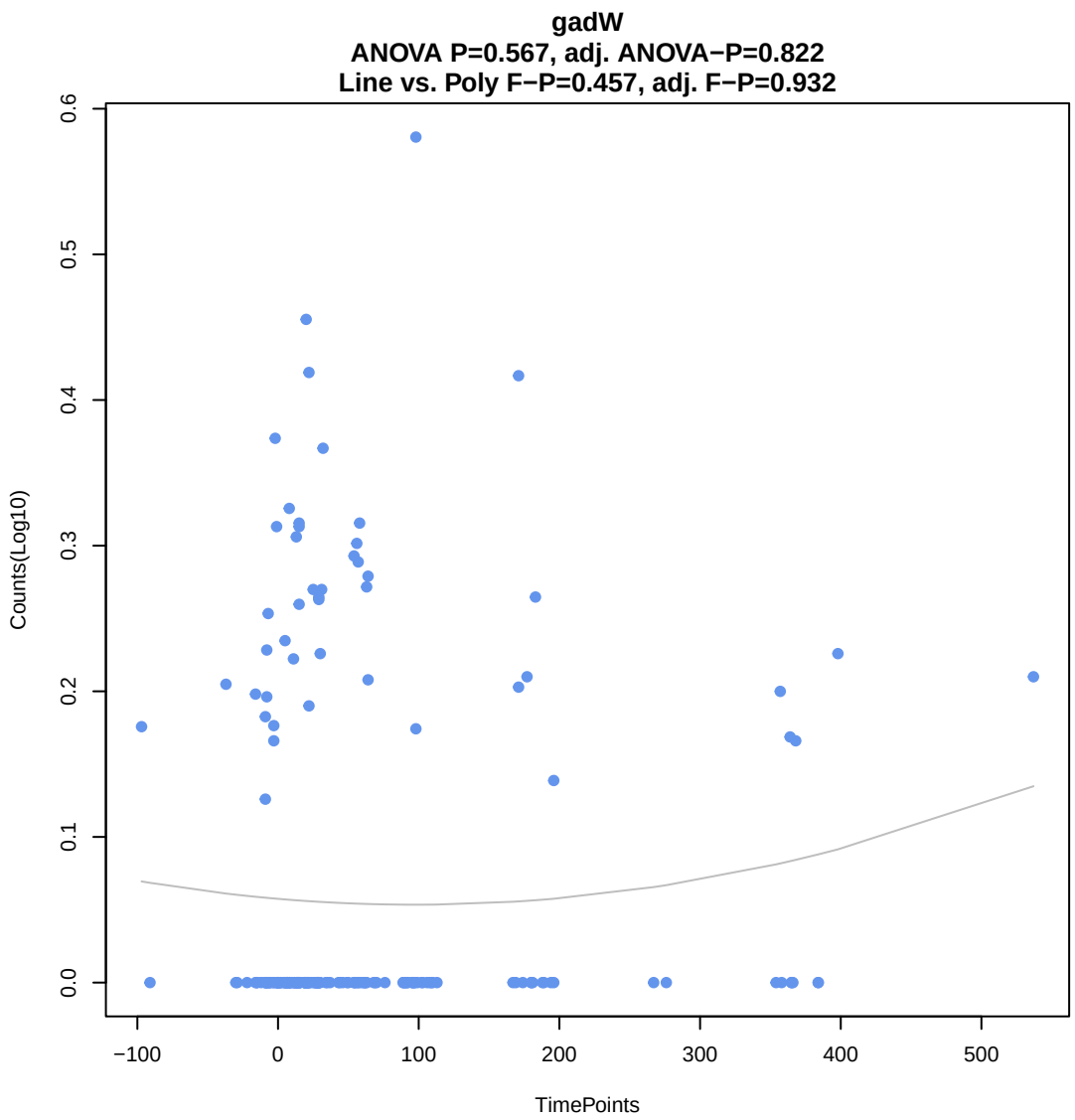


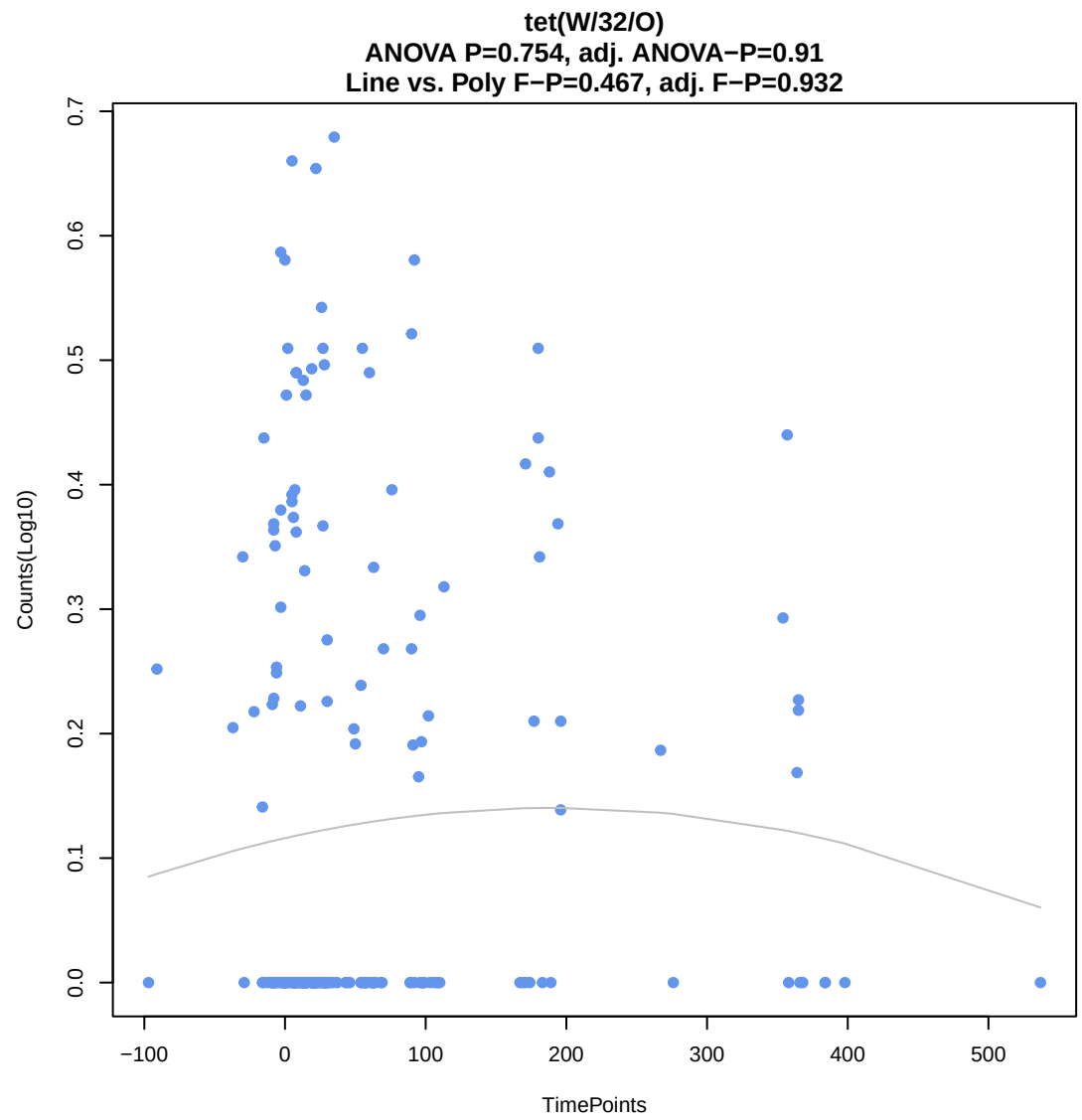
mtrD
ANOVA P=0.399, adj. ANOVA−P=0.8
Line vs. Poly F−P=0.427, adj. F−P=0.932

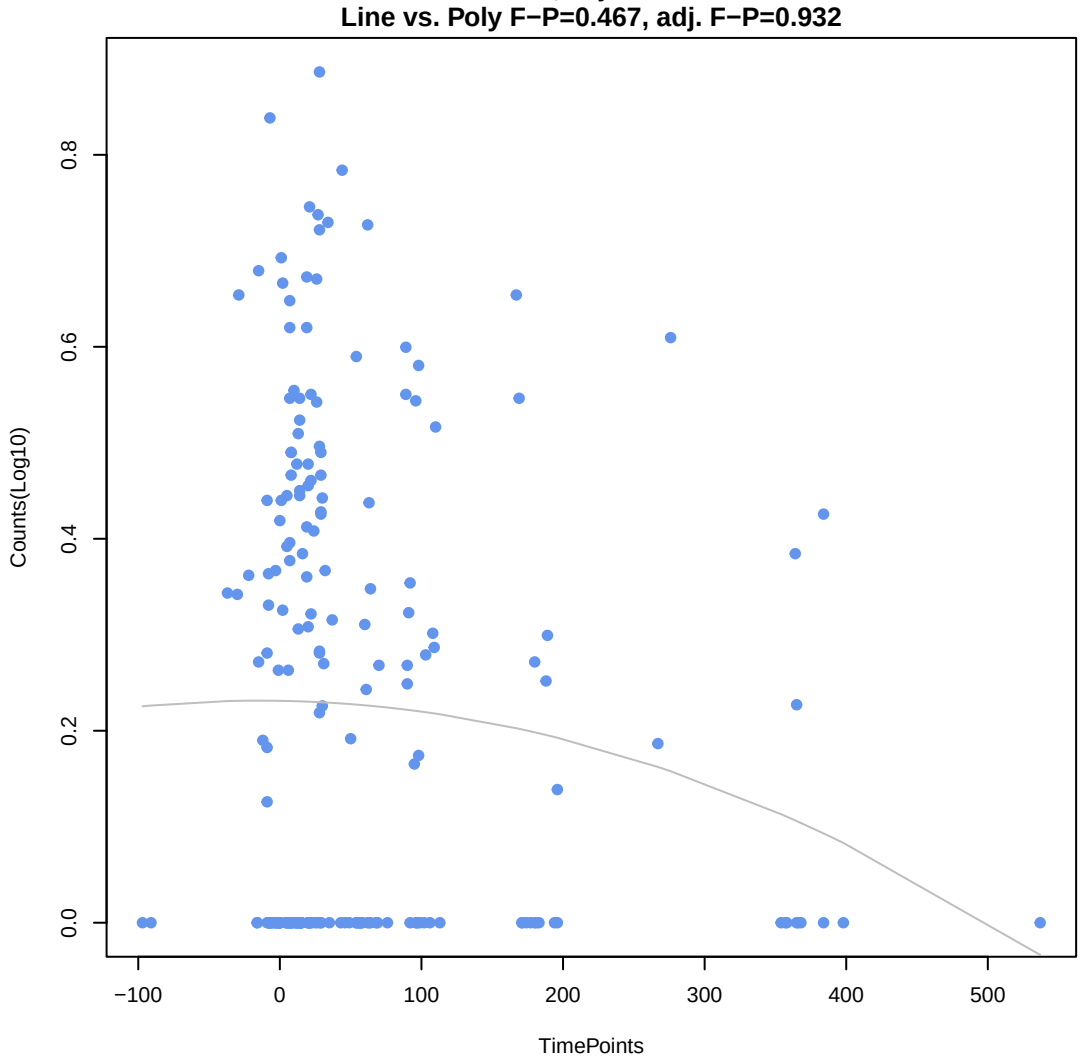


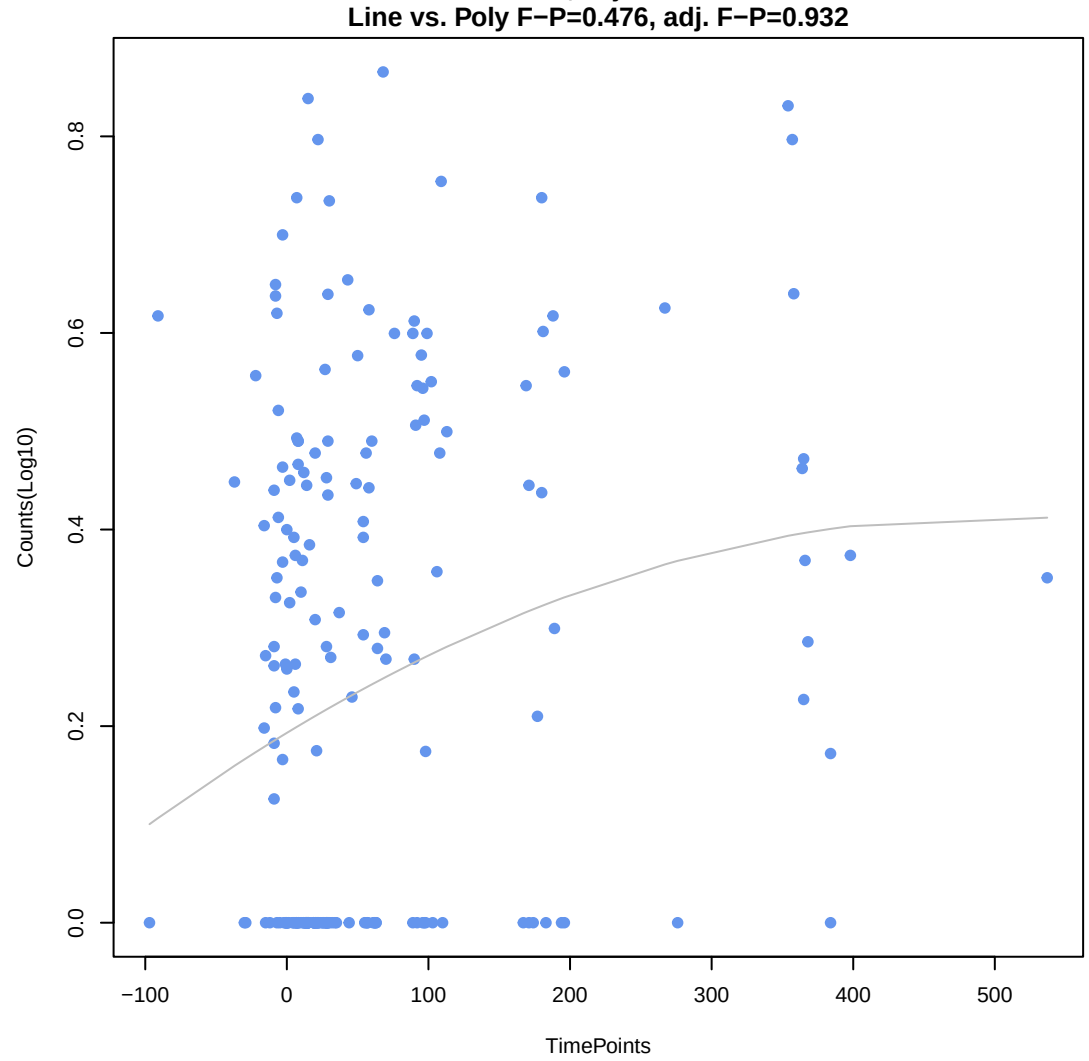
vanX gene in vanA cluster
ANOVA P=0.425, adj. ANOVA−P=0.8
Line vs. Poly F−P=0.454, adj. F−P=0.932

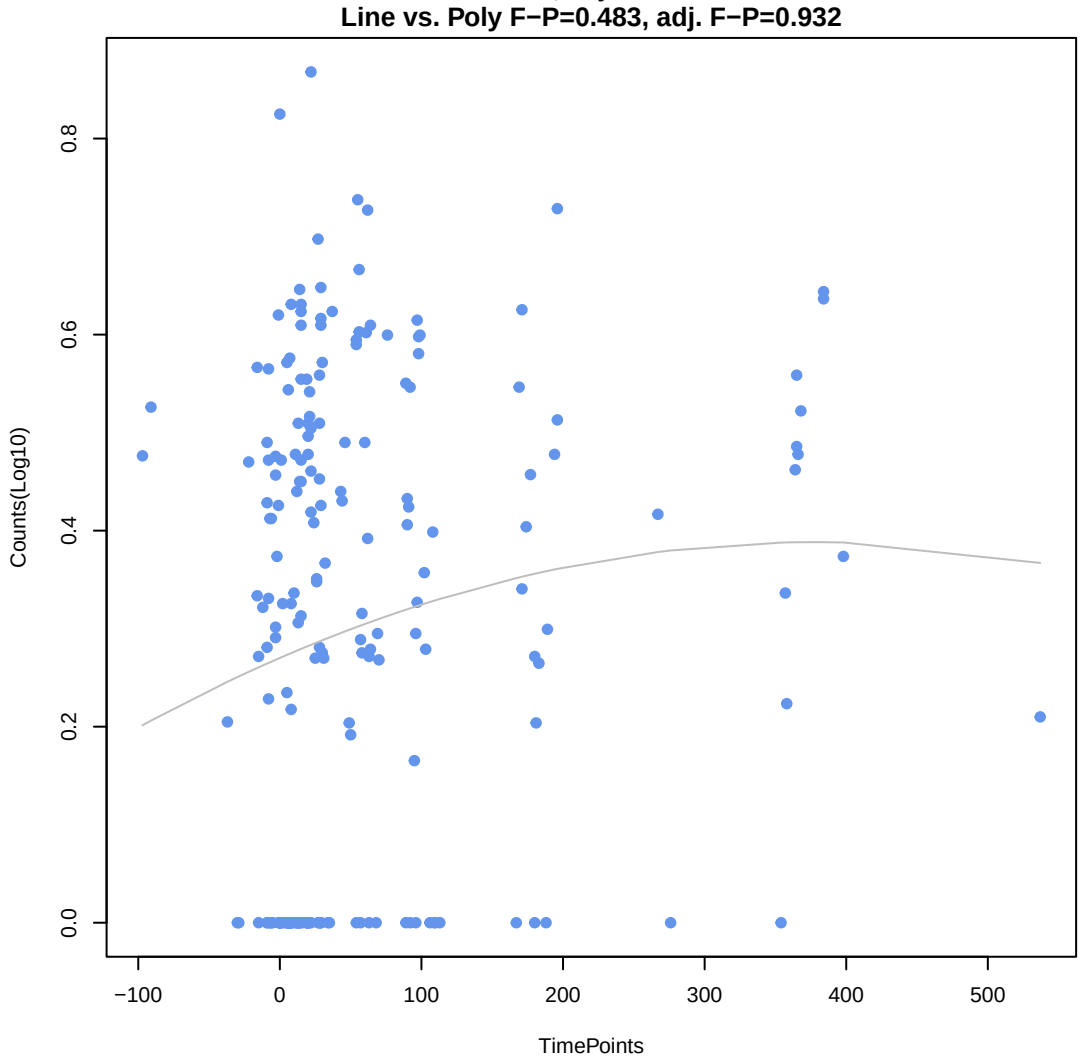


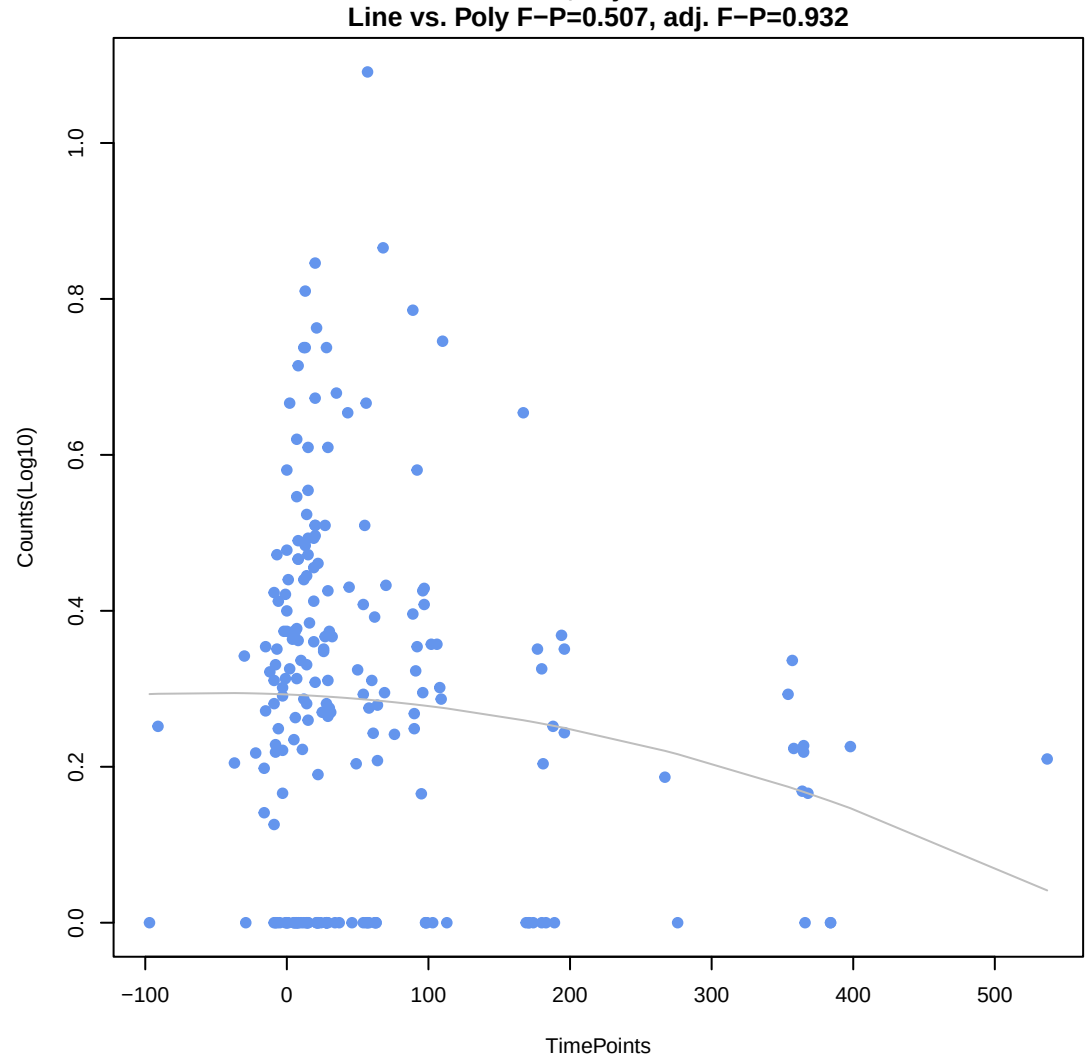

gadW
ANOVA P=0.567, adj. ANOVA−P=0.822
Line vs. Poly F−P=0.457, adj. F−P=0.932
Counts(Log10)
TimePoints

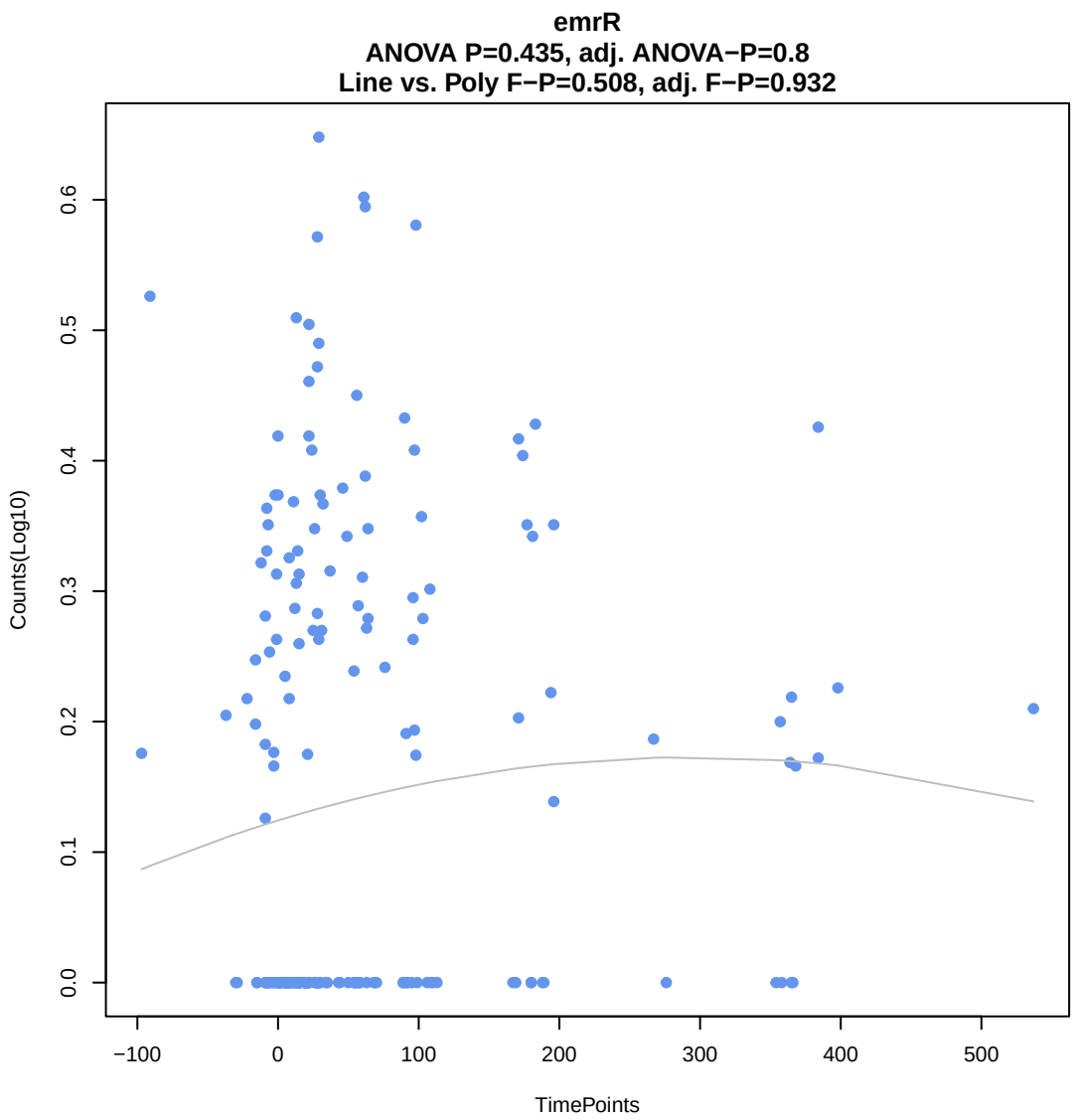

tet(W/32/O)
ANOVA P=0.754, adj. ANOVA−P=0.91
Line vs. Poly F−P=0.467, adj. F−P=0.932
Counts(Log10)
TimePoints

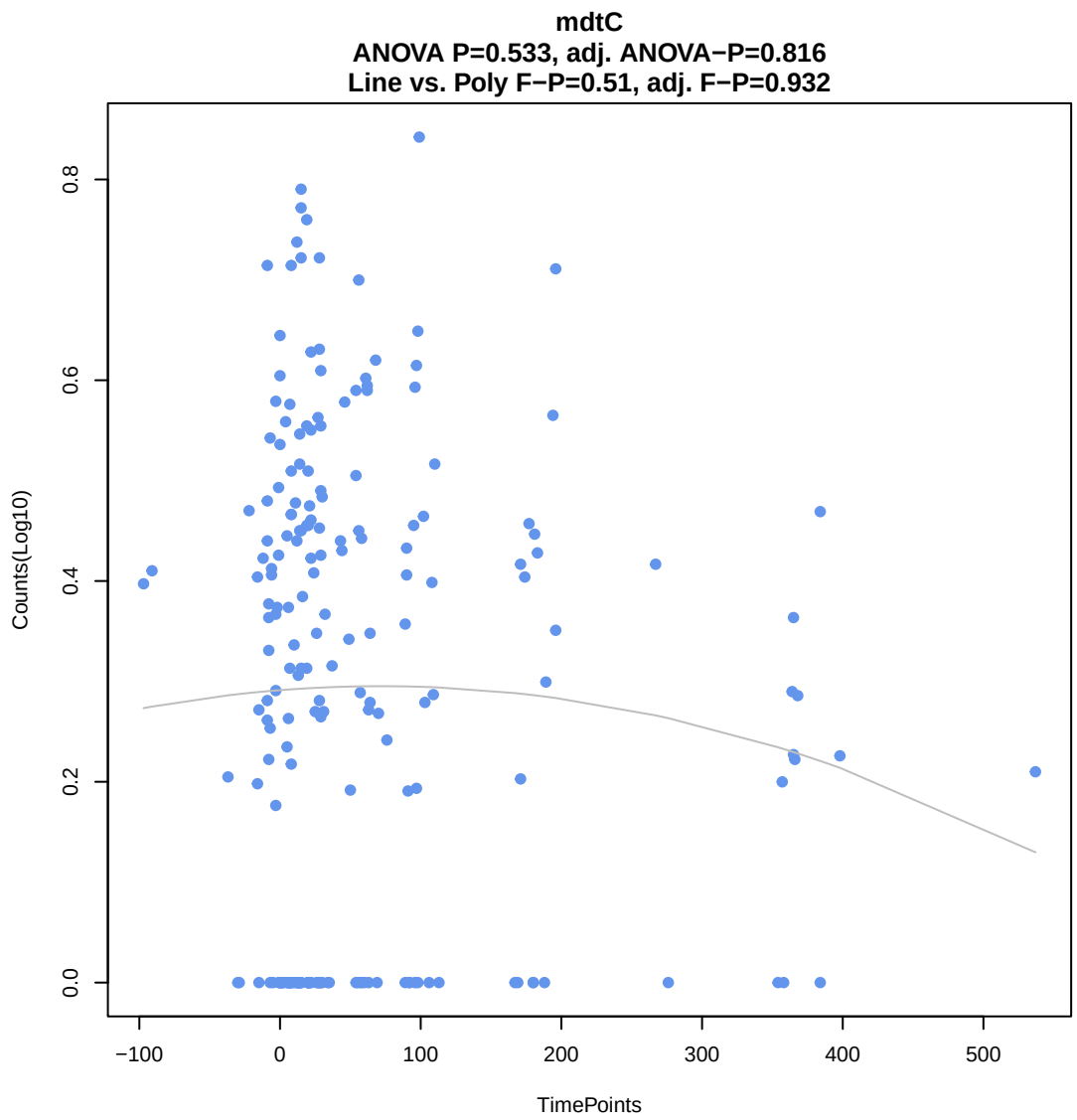

vanH gene in vanA cluster
ANOVA P=0.134, adj. ANOVA−P=0.684
Line vs. Poly F−P=0.467, adj. F−P=0.932
Counts(Log10)
TimePoints

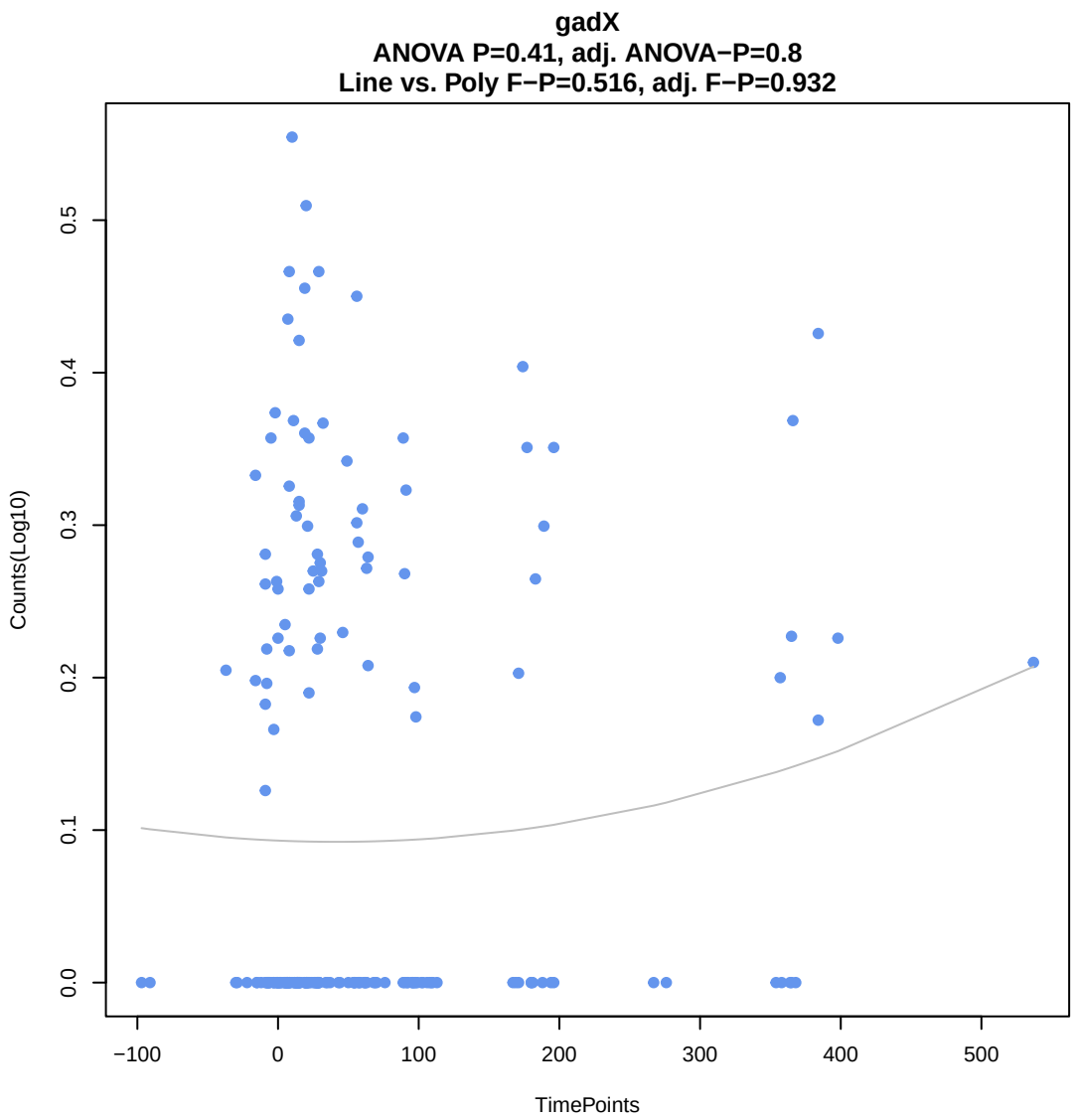

nimJ
ANOVA P=0.0041, adj. ANOVA−P=0.219
Line vs. Poly F−P=0.476, adj. F−P=0.932
Counts(Log10)
TimePoints

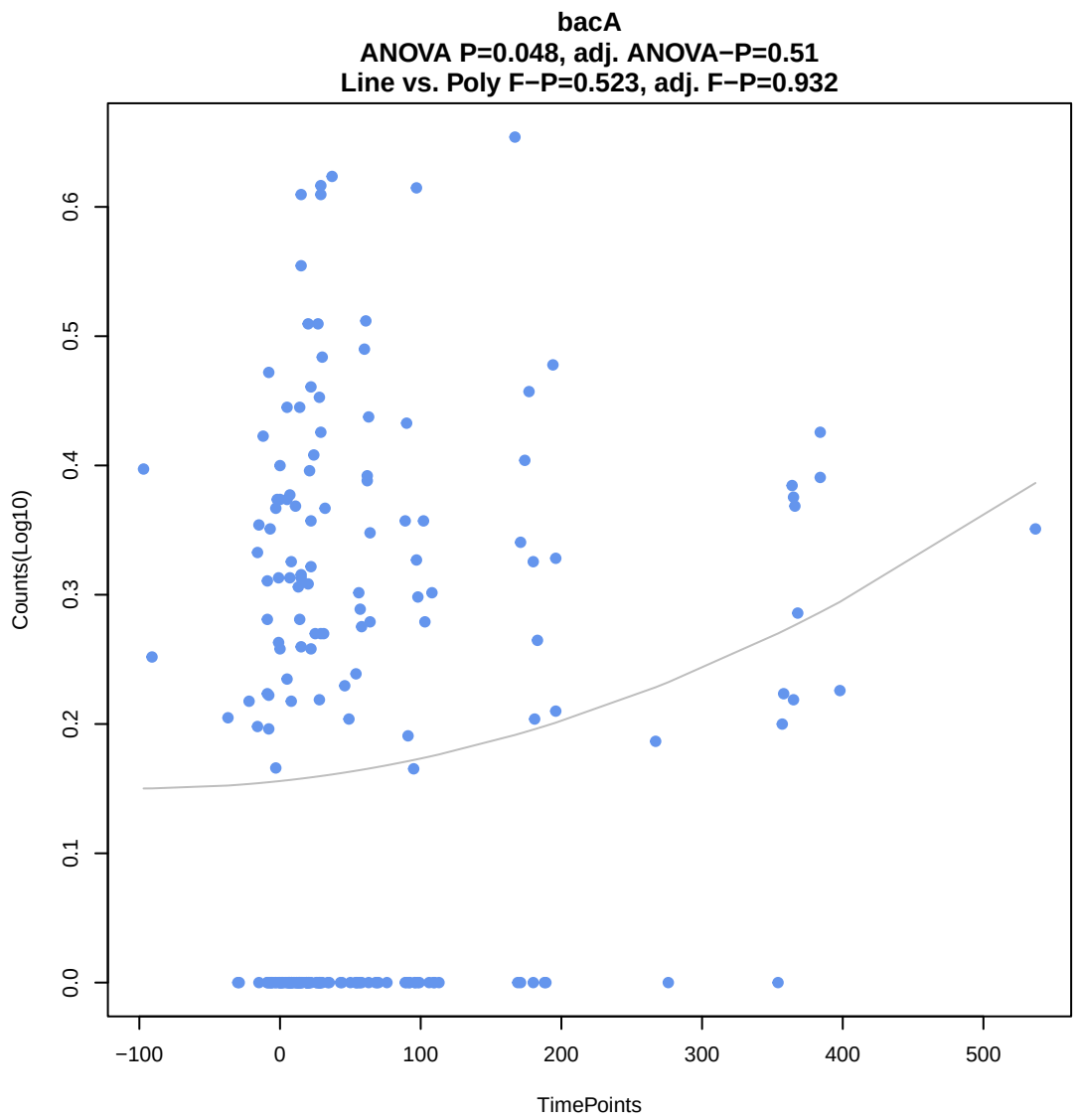

mdtB
ANOVA P=0.109, adj. ANOVA−P=0.646
Line vs. Poly F−P=0.483, adj. F−P=0.932
Counts(Log10)
TimePoints


ErmF
ANOVA P=0.0987, adj. ANOVA−P=0.621
Line vs. Poly F−P=0.507, adj. F−P=0.932
Counts(Log10)
TimePoints


emrR
ANOVA P=0.435, adj. ANOVA−P=0.8
Line vs. Poly F−P=0.508, adj. F−P=0.932
Counts(Log10)
TimePoints

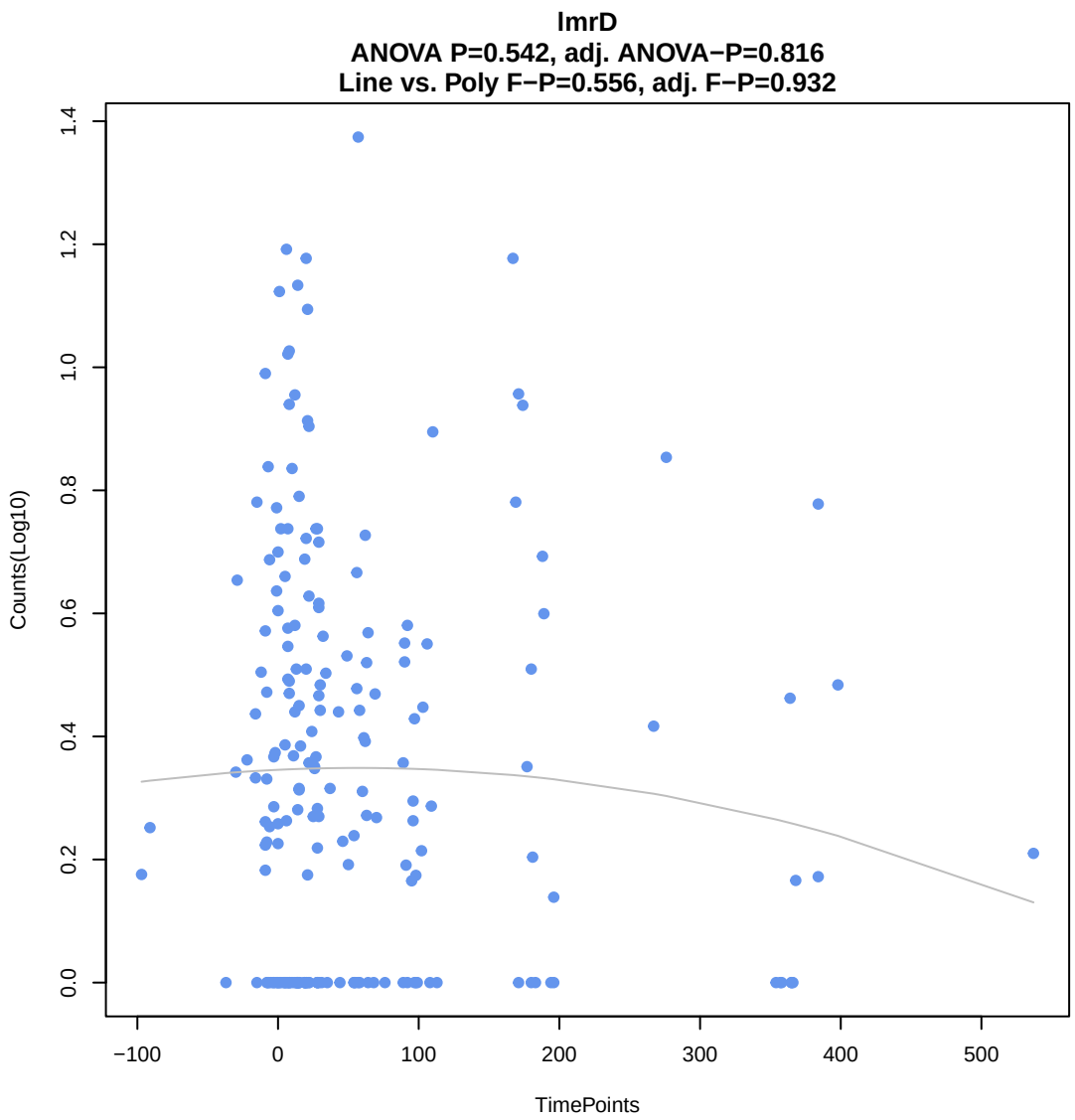

mdtC
ANOVA P=0.533, adj. ANOVA−P=0.816
Line vs. Poly F−P=0.51, adj. F−P=0.932
Counts(Log10)
TimePoints

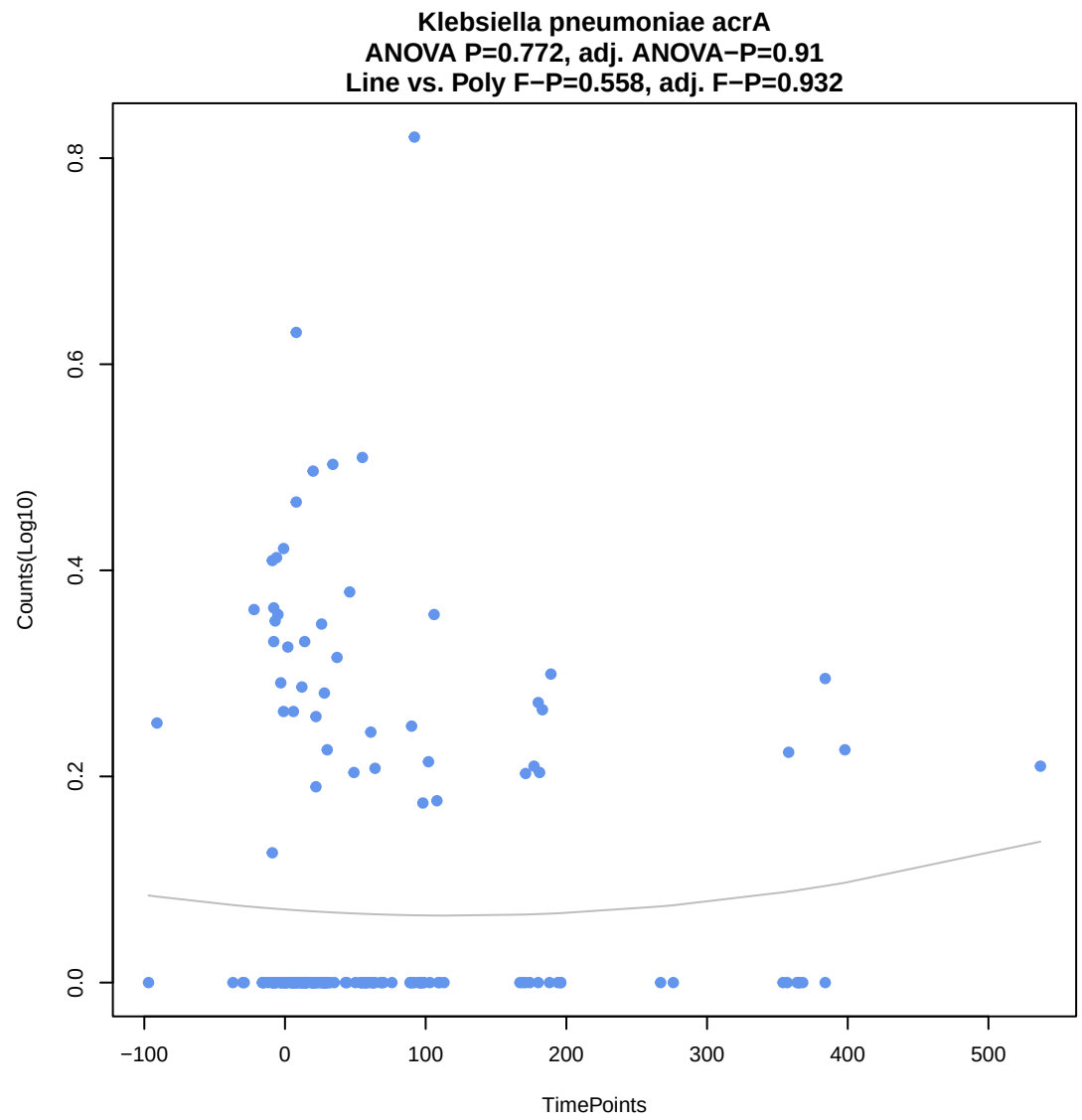

gadX
ANOVA P=0.41, adj. ANOVA−P=0.8
Line vs. Poly F−P=0.516, adj. F−P=0.932
Counts(Log10)
TimePoints

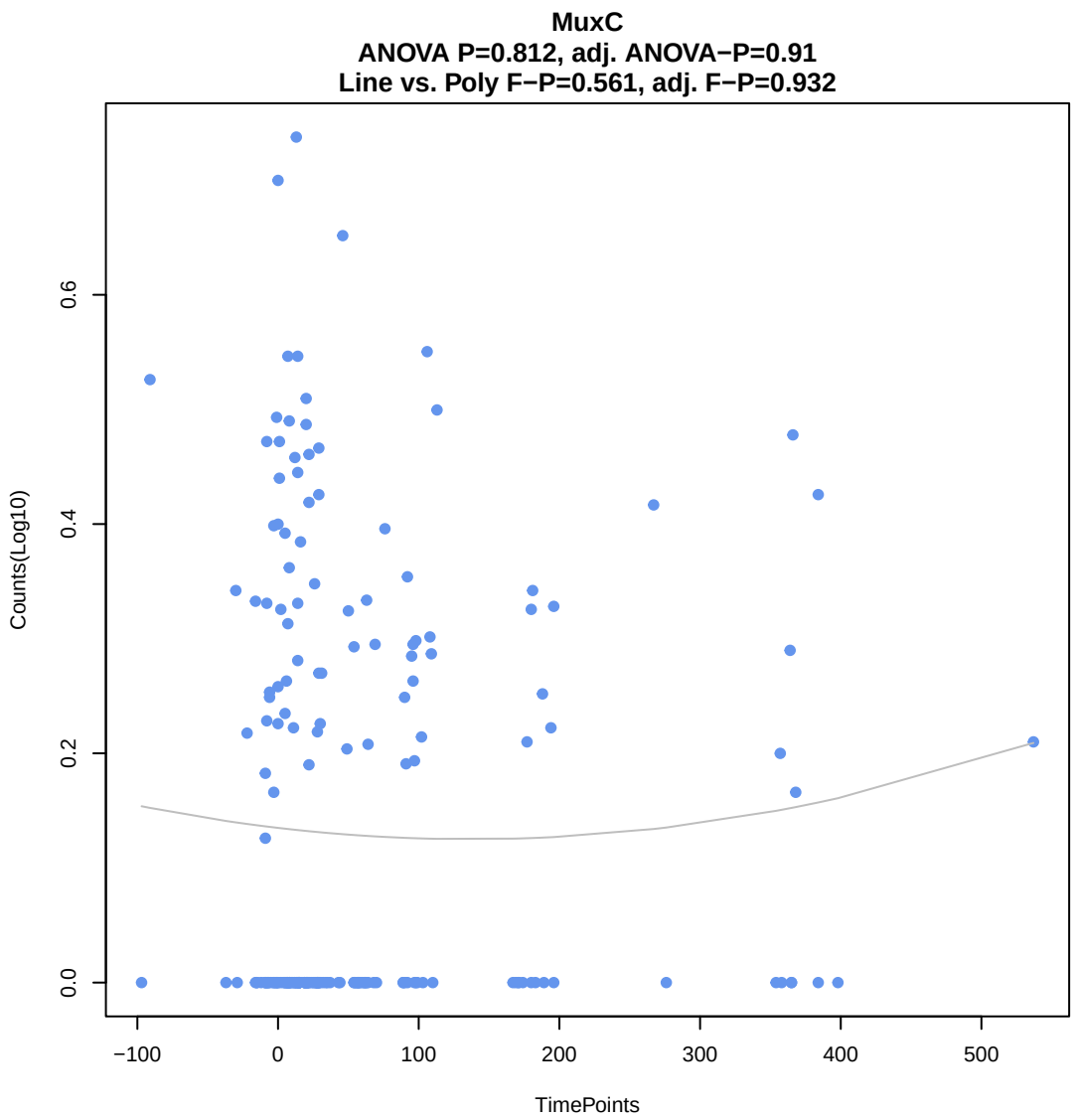

bacA
ANOVA P=0.048, adj. ANOVA−P=0.51
Line vs. Poly F−P=0.523, adj. F−P=0.932
Counts(Log10)
TimePoints

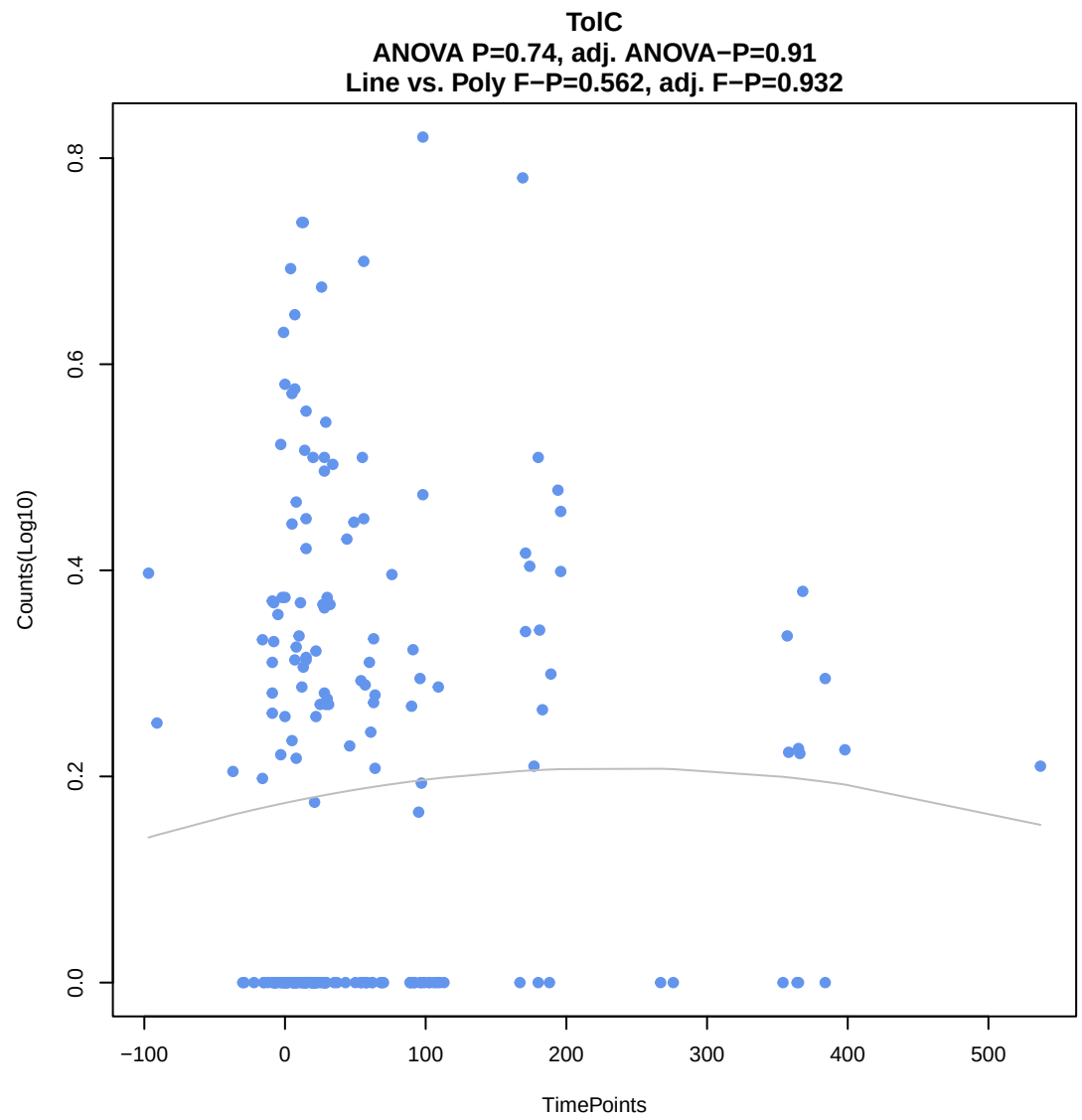
vanS gene in vanA cluster
ANOVA P=0.667, adj. ANOVA−P=0.863
Line vs. Poly F−P=0.527, adj. F−P=0.932
Counts(Log10)
TimePoints

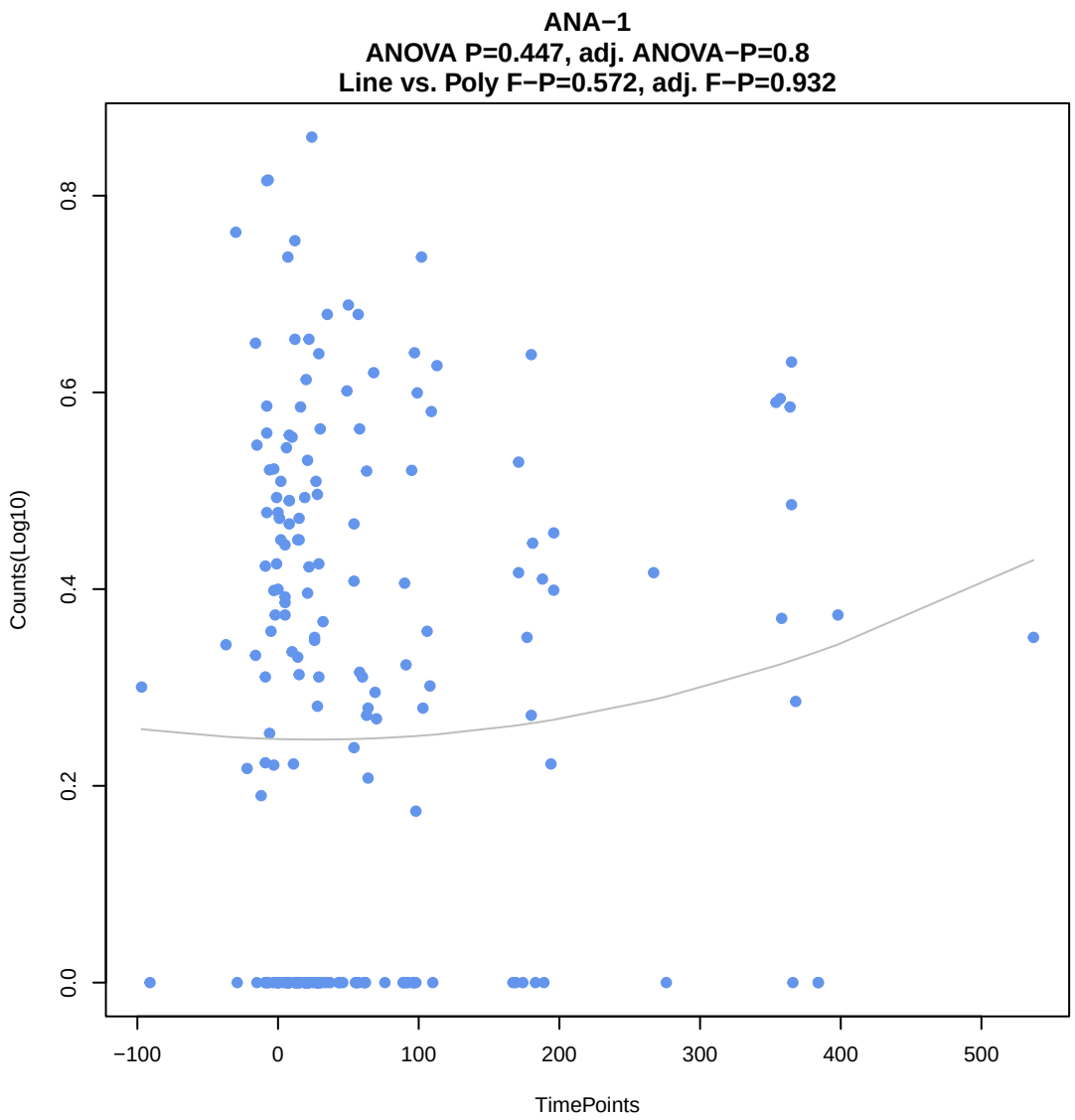
Escherichia coli soxS with mutation conferring antibiotic resistance
ANOVA P=0.221, adj. ANOVA−P=0.791
Line vs. Poly F−P=0.534, adj. F−P=0.932
Counts(Log10)
TimePoints

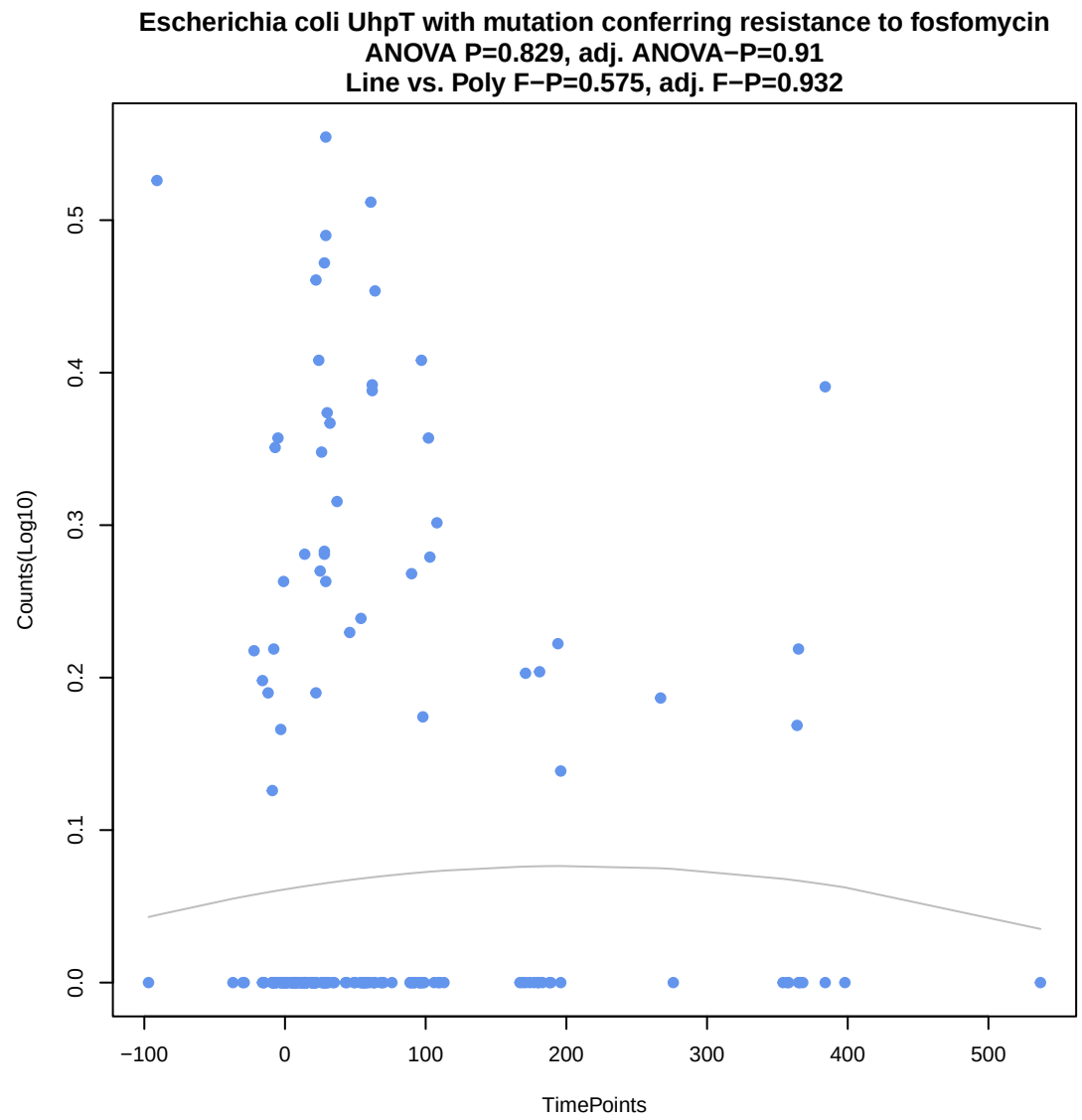

lmrD
ANOVA P=0.542, adj. ANOVA−P=0.816
Line vs. Poly F−P=0.556, adj. F−P=0.932
Counts(Log10)
TimePoints

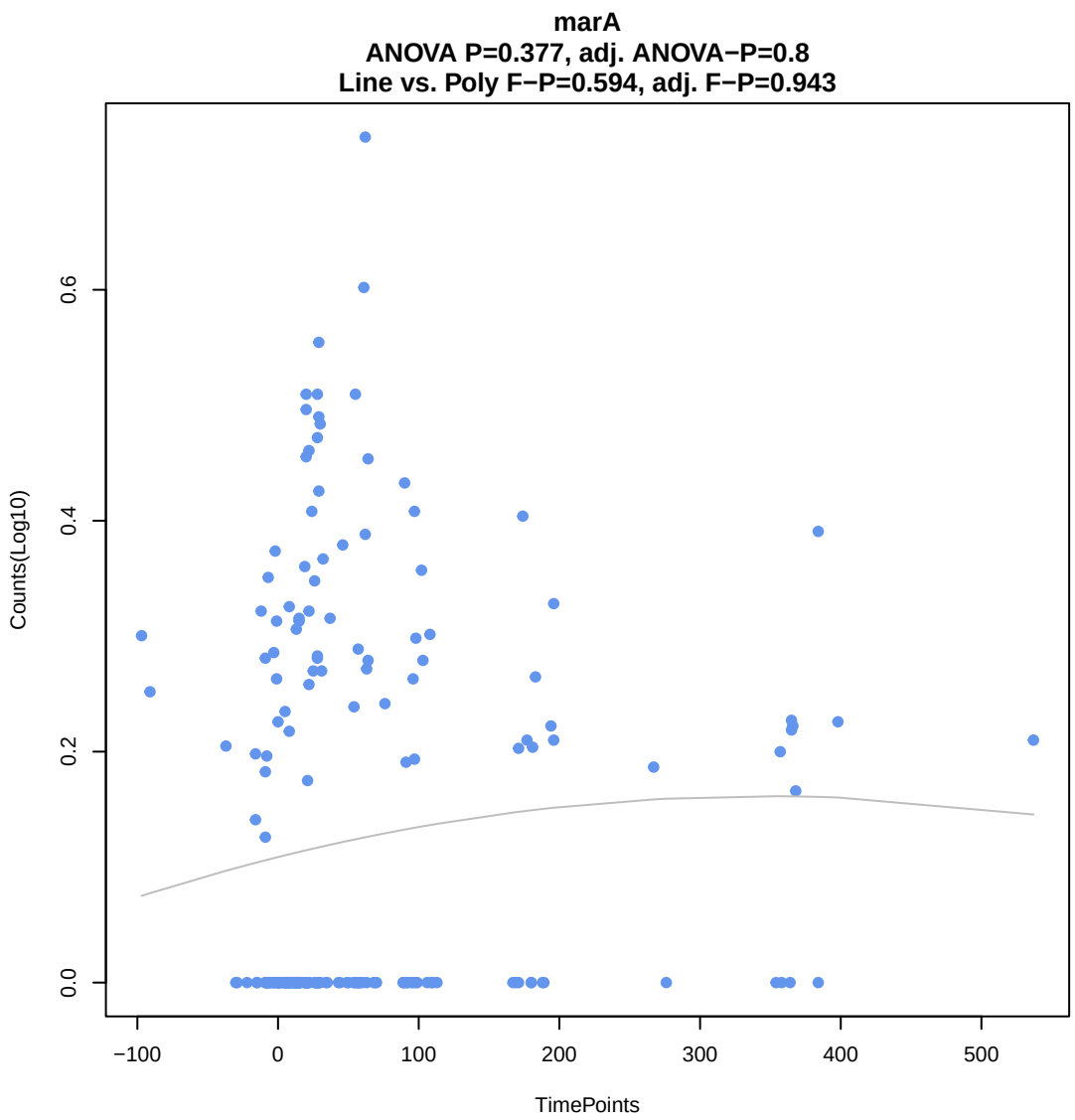

Klebsiella pneumoniae acrA
ANOVA P=0.772, adj. ANOVA−P=0.91
Line vs. Poly F−P=0.558, adj. F−P=0.932
Counts(Log10)
TimePoints

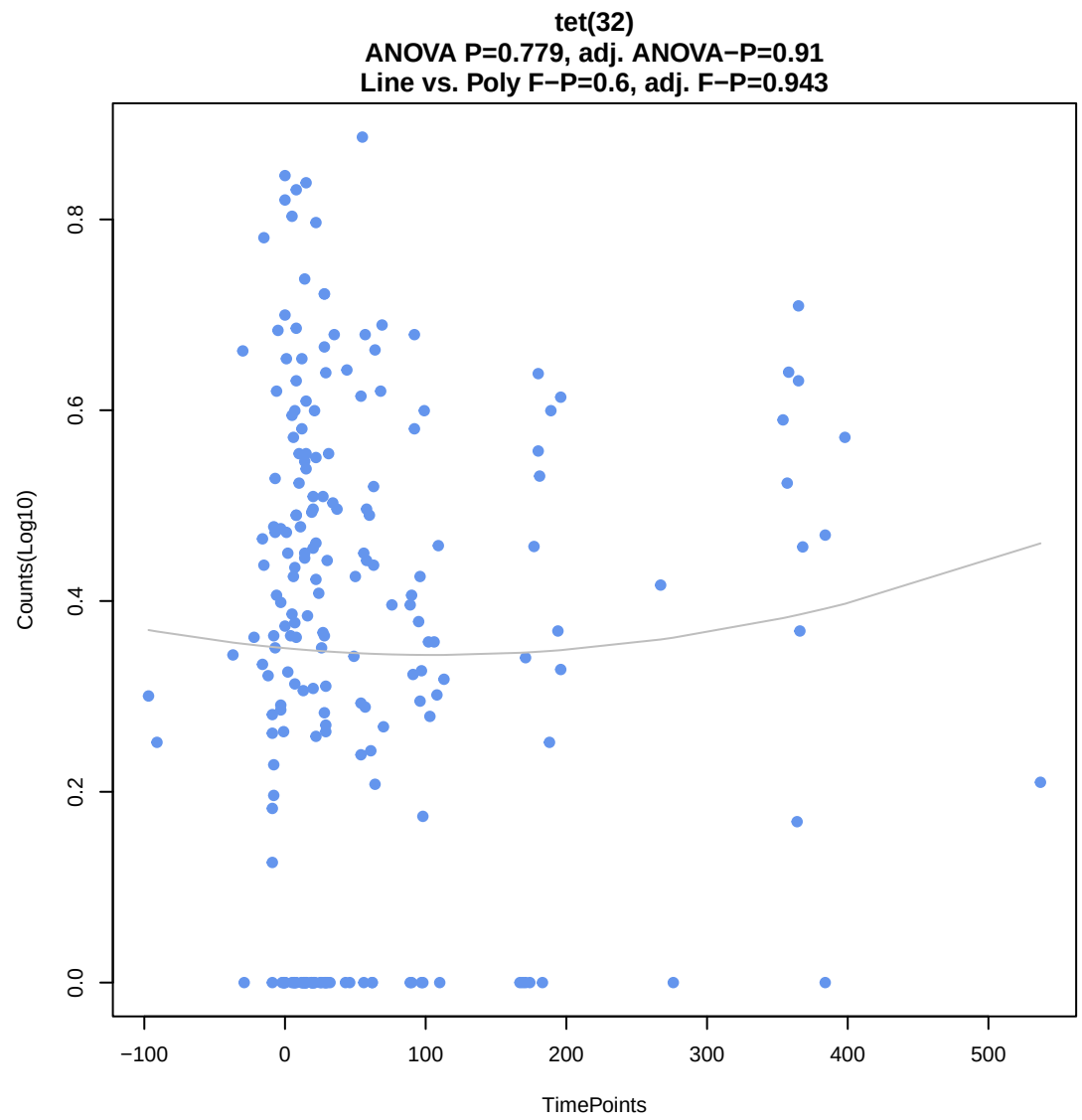

MuxC
ANOVA P=0.812, adj. ANOVA−P=0.91
Line vs. Poly F−P=0.561, adj. F−P=0.932
Counts(Log10)
TimePoints

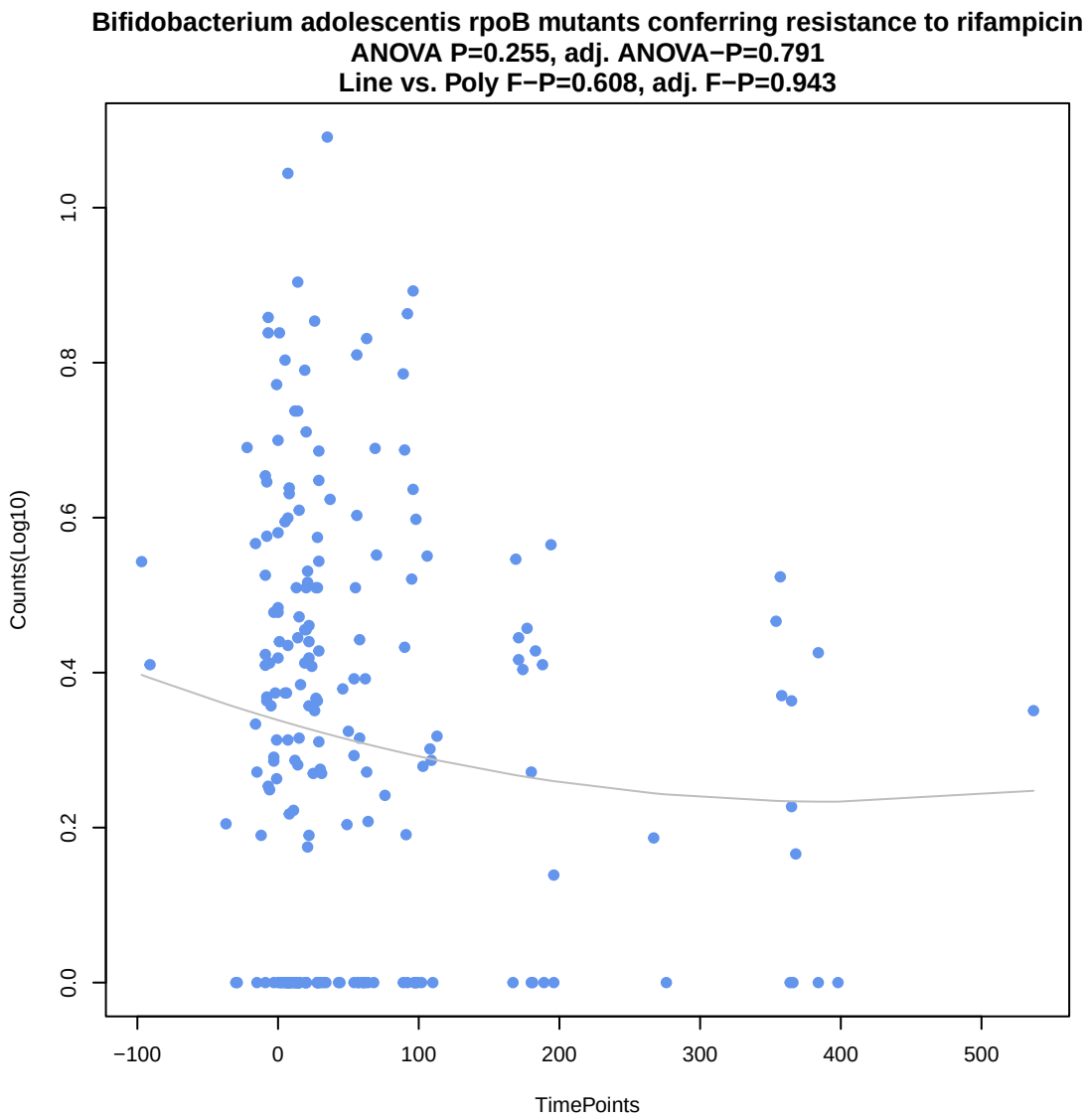

TolC
ANOVA P=0.74, adj. ANOVA−P=0.91
Line vs. Poly F−P=0.562, adj. F−P=0.932
Counts(Log10)
TimePoints

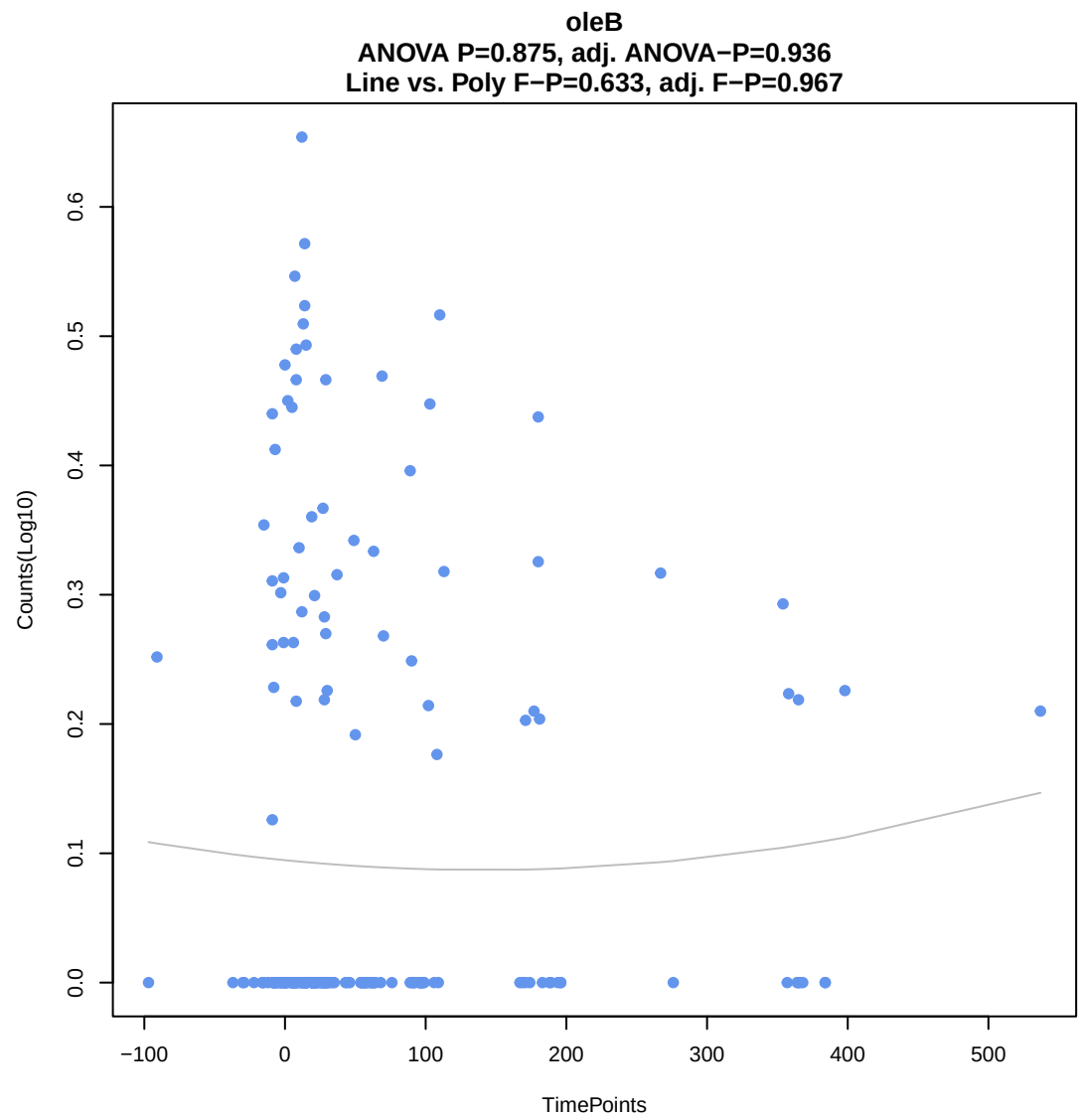

ANA−1
ANOVA P=0.447, adj. ANOVA−P=0.8
Line vs. Poly F−P=0.572, adj. F−P=0.932
Counts(Log10)
TimePoints

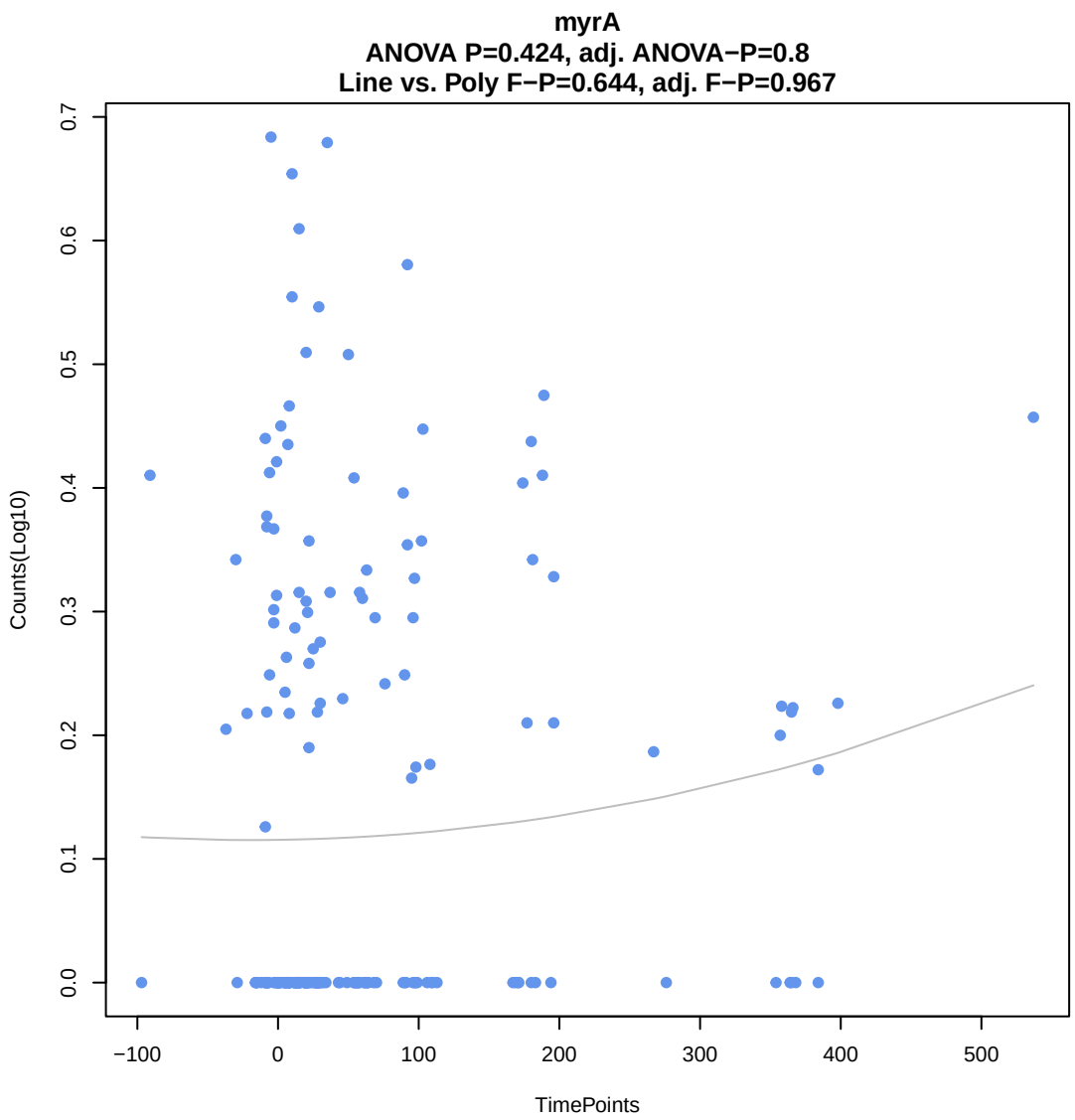

Escherichia coli UhpT with mutation conferring resistance to fosfomycin
ANOVA P=0.829, adj. ANOVA−P=0.91
Line vs. Poly F−P=0.575, adj. F−P=0.932
Counts(Log10)
TimePoints

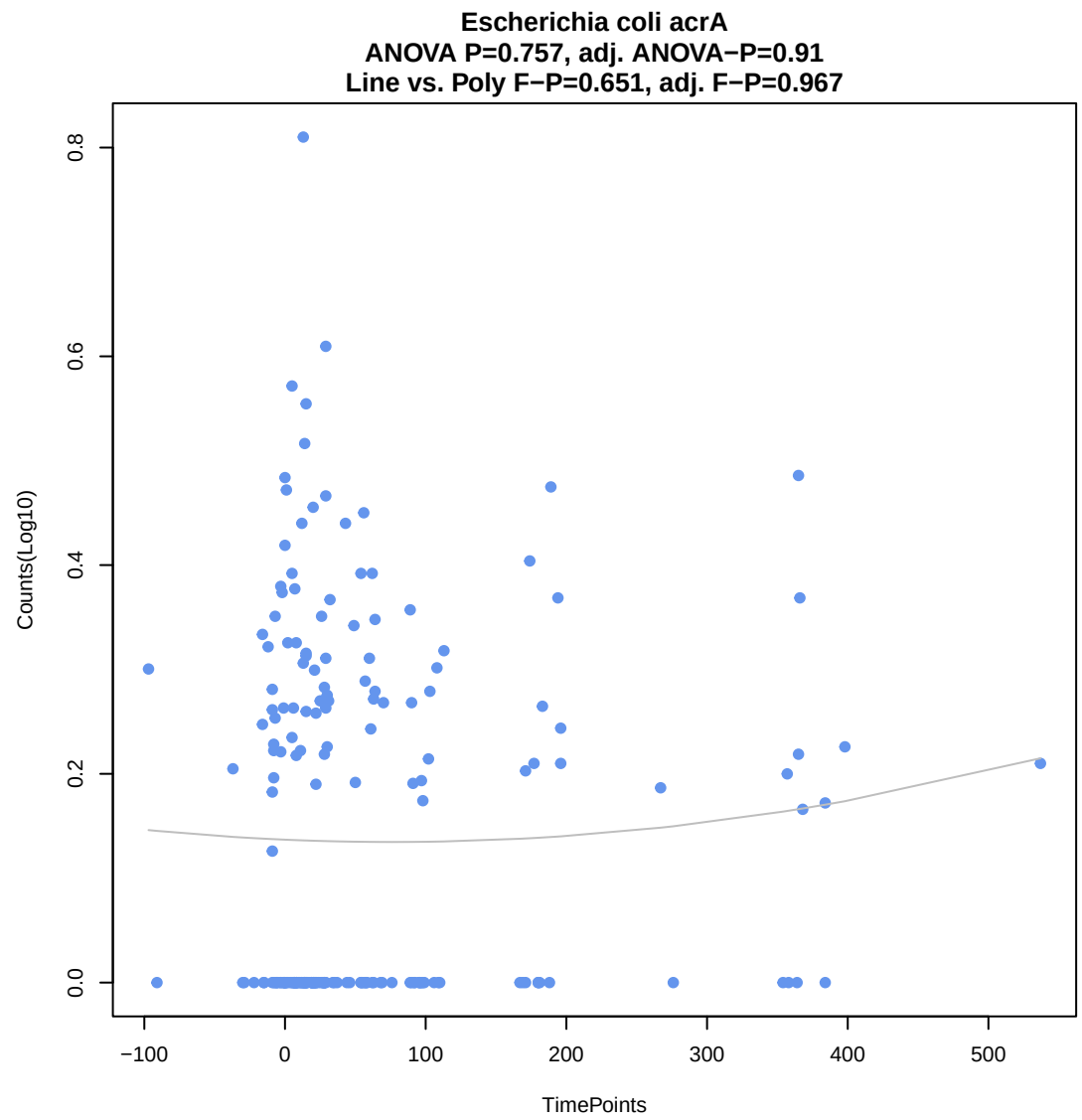

marA
ANOVA P=0.377, adj. ANOVA−P=0.8
Line vs. Poly F−P=0.594, adj. F−P=0.943
Counts(Log10)
0.0
0.2
0.4
0.6
−100
0
100
200
300
400
500
TimePoints

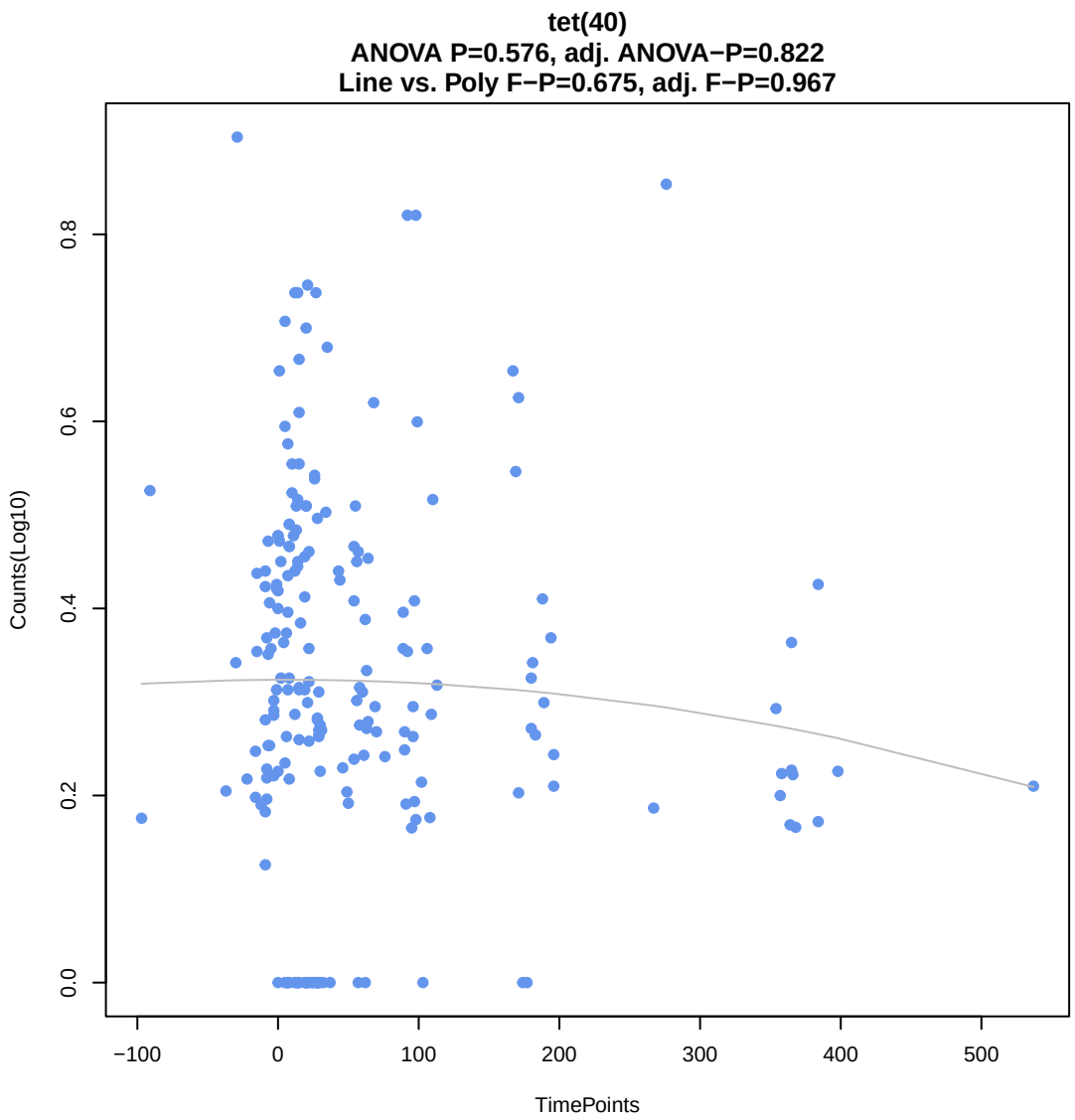

tet(32)
ANOVA P=0.779, adj. ANOVA−P=0.91
Line vs. Poly F−P=0.6, adj. F−P=0.943
Counts(Log10)
0.0
0.2
0.4
0.6
0.8
−100
0
100
200
300
400
500
TimePoints

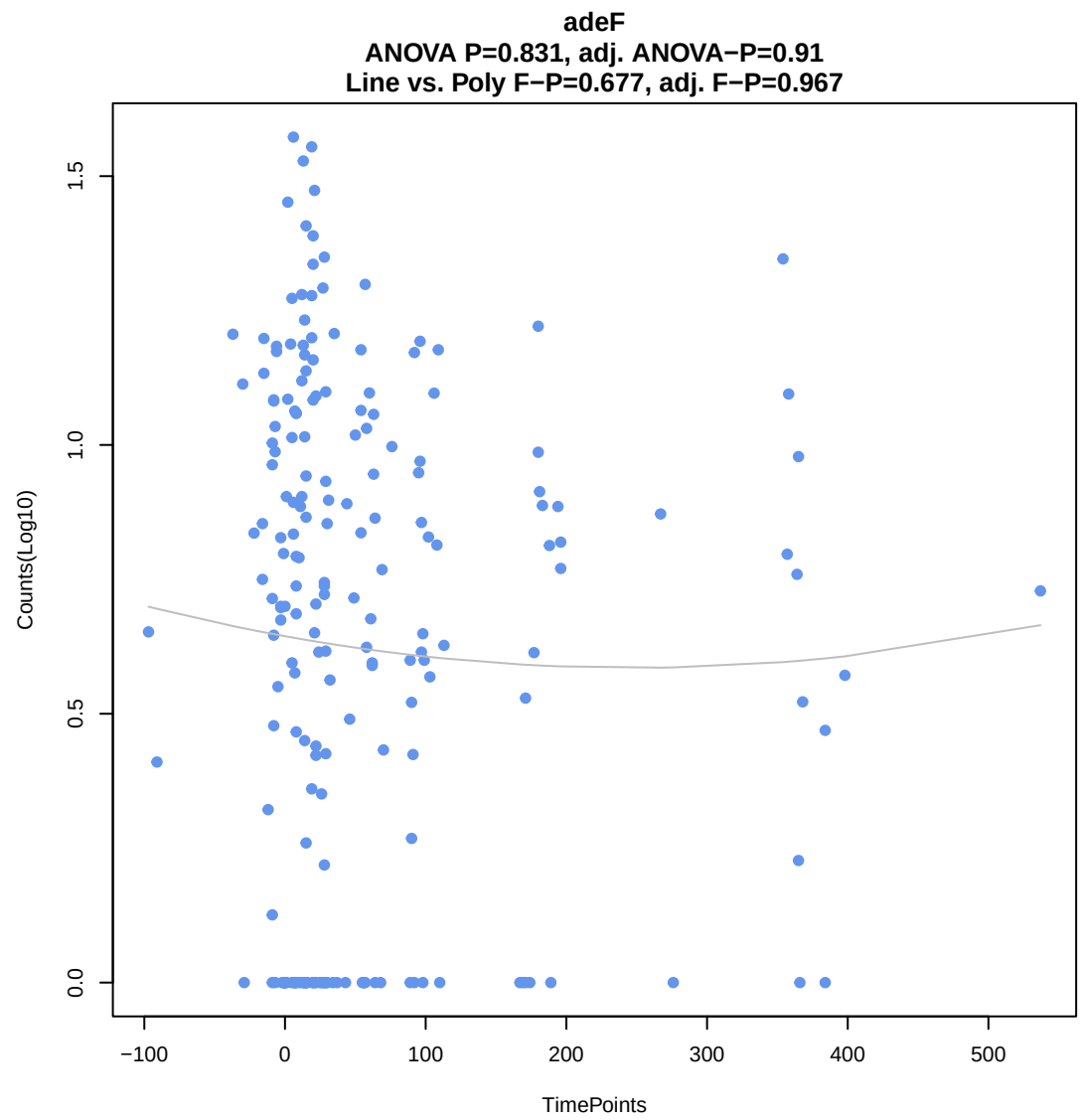

Bifidobacterium adolescentis rpoB mutants conferring resistance to rifampicin
ANOVA P=0.255, adj. ANOVA−P=0.791
Line vs. Poly F−P=0.608, adj. F−P=0.943
Counts(Log10)
0.0
0.2
0.4
0.6
0.8
1.0
−100
0
100
200
300
400
500
TimePoints

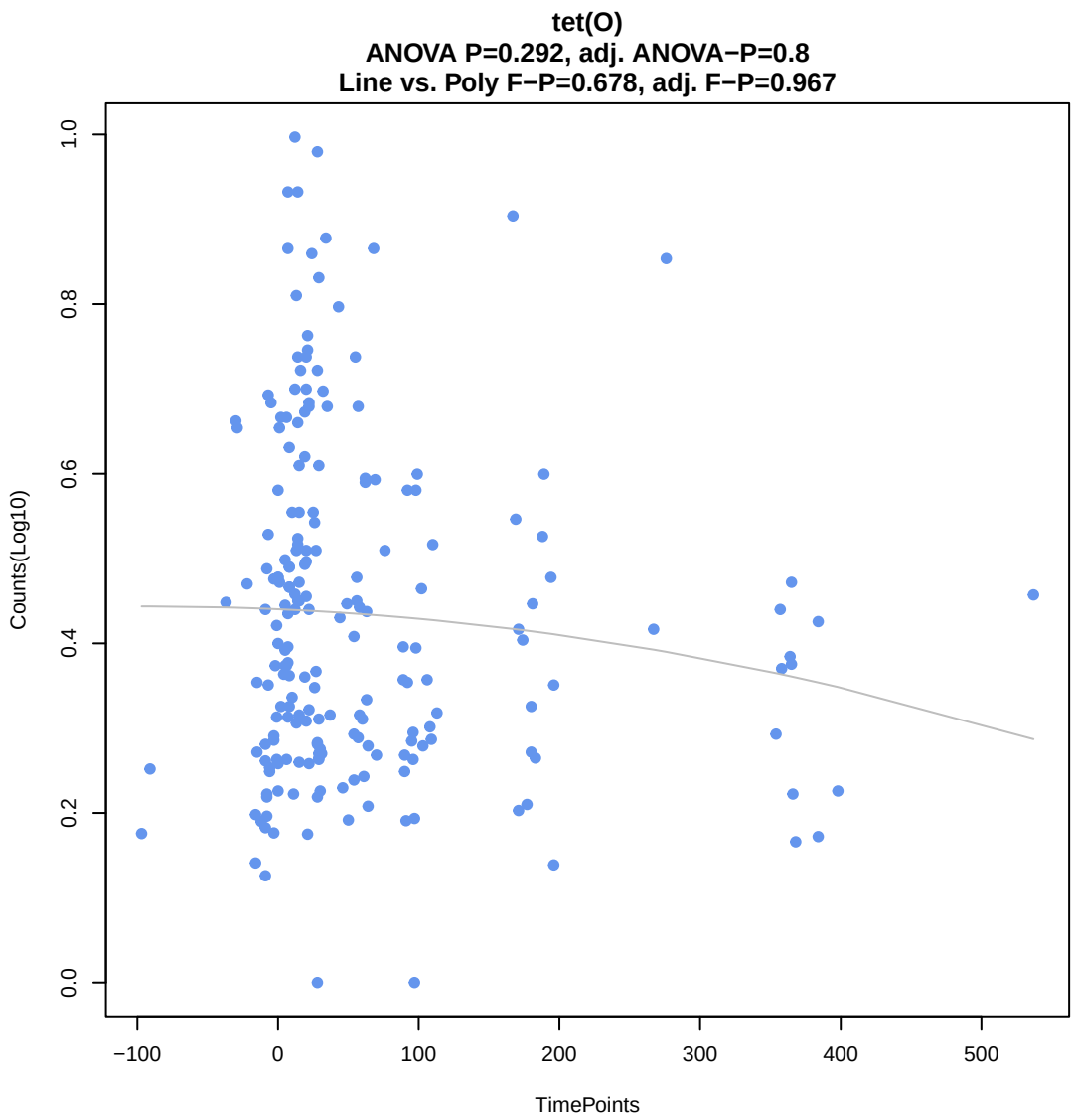

oleB
ANOVA P=0.875, adj. ANOVA−P=0.936
Line vs. Poly F−P=0.633, adj. F−P=0.967
Counts(Log10)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
−100
0
100
200
300
400
500
TimePoints

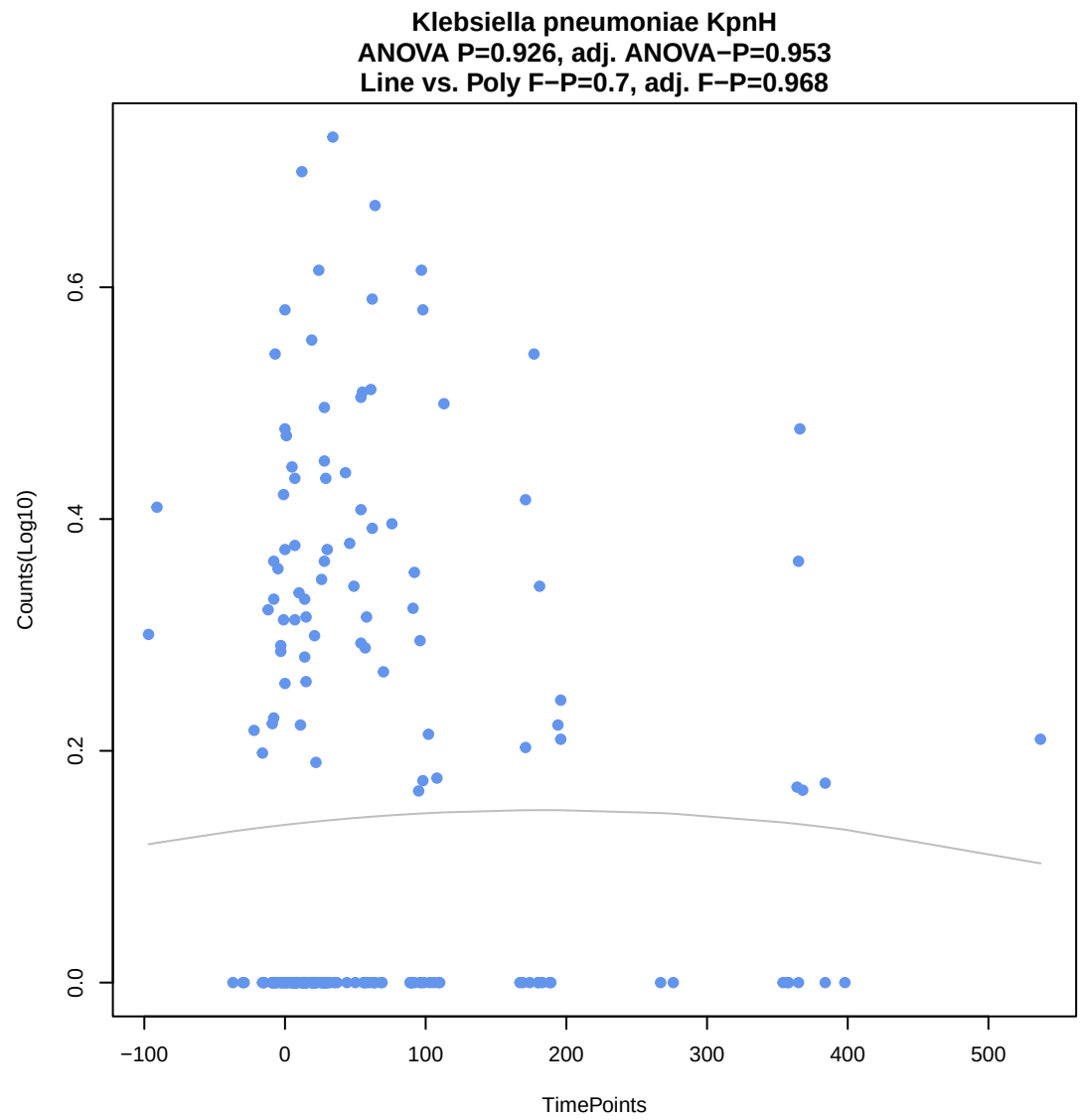

myrA
ANOVA P=0.424, adj. ANOVA−P=0.8
Line vs. Poly F−P=0.644, adj. F−P=0.967
Counts(Log10)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
−100
0
100
200
300
400
500
TimePoints

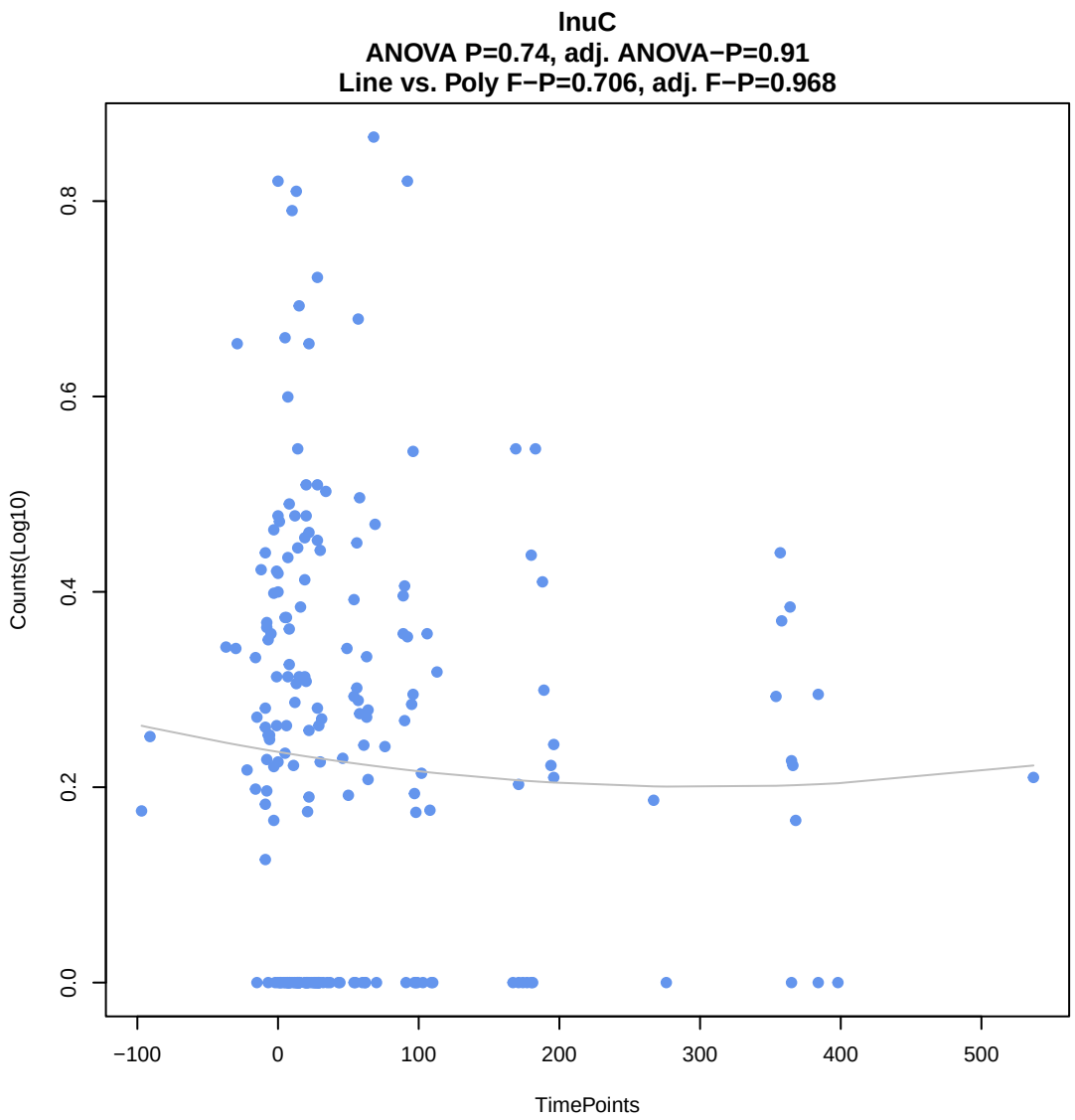

Escherichia coli acrA
ANOVA P=0.757, adj. ANOVA−P=0.91
Line vs. Poly F−P=0.651, adj. F−P=0.967
Counts(Log10)
0.0
0.2
0.4
0.6
0.8
−100
0
100
200
300
400
500
TimePoints

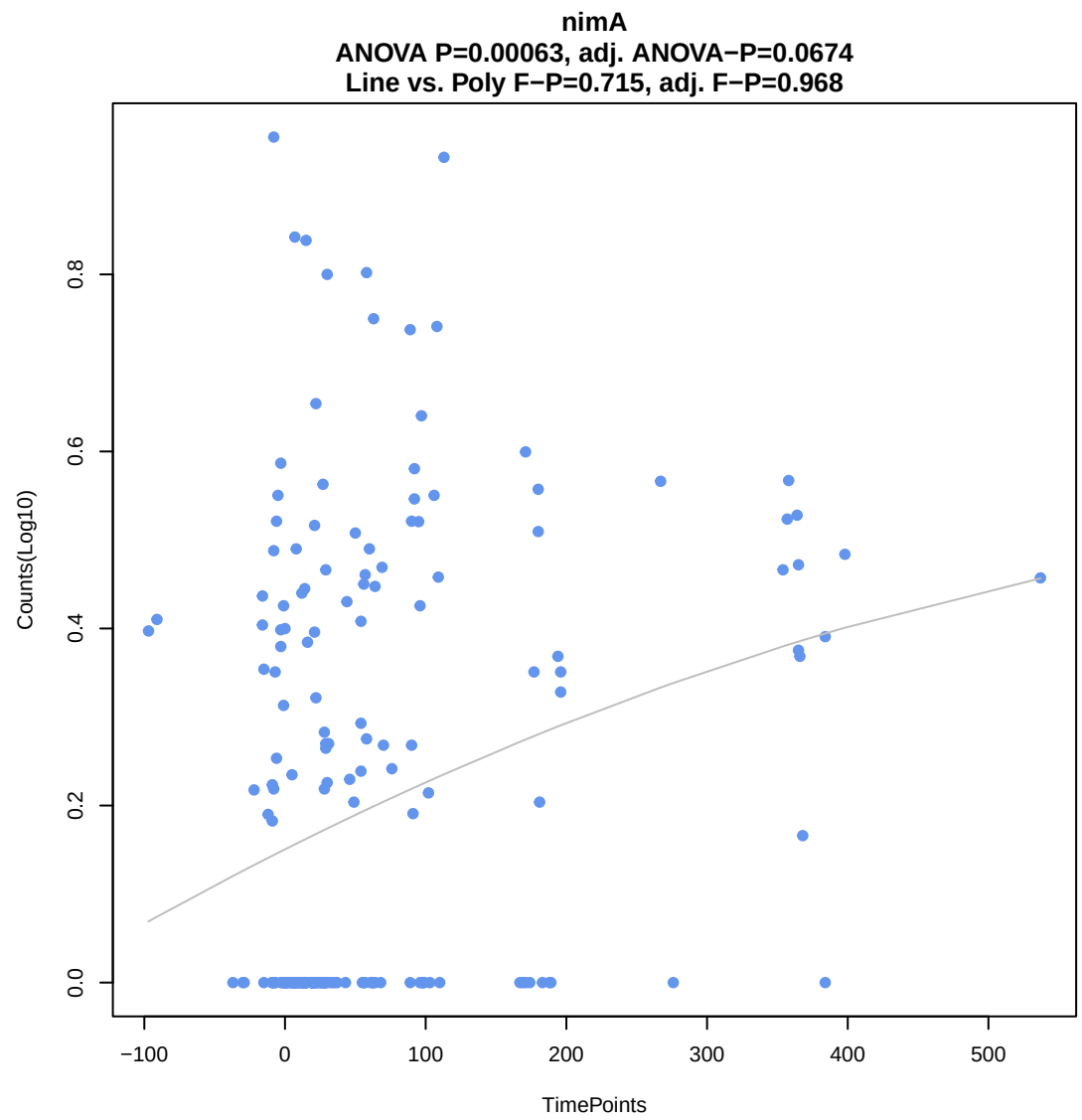

tet(40)
ANOVA P=0.576, adj. ANOVA−P=0.822
Line vs. Poly F−P=0.675, adj. F−P=0.967
Counts(Log10)
TimePoints

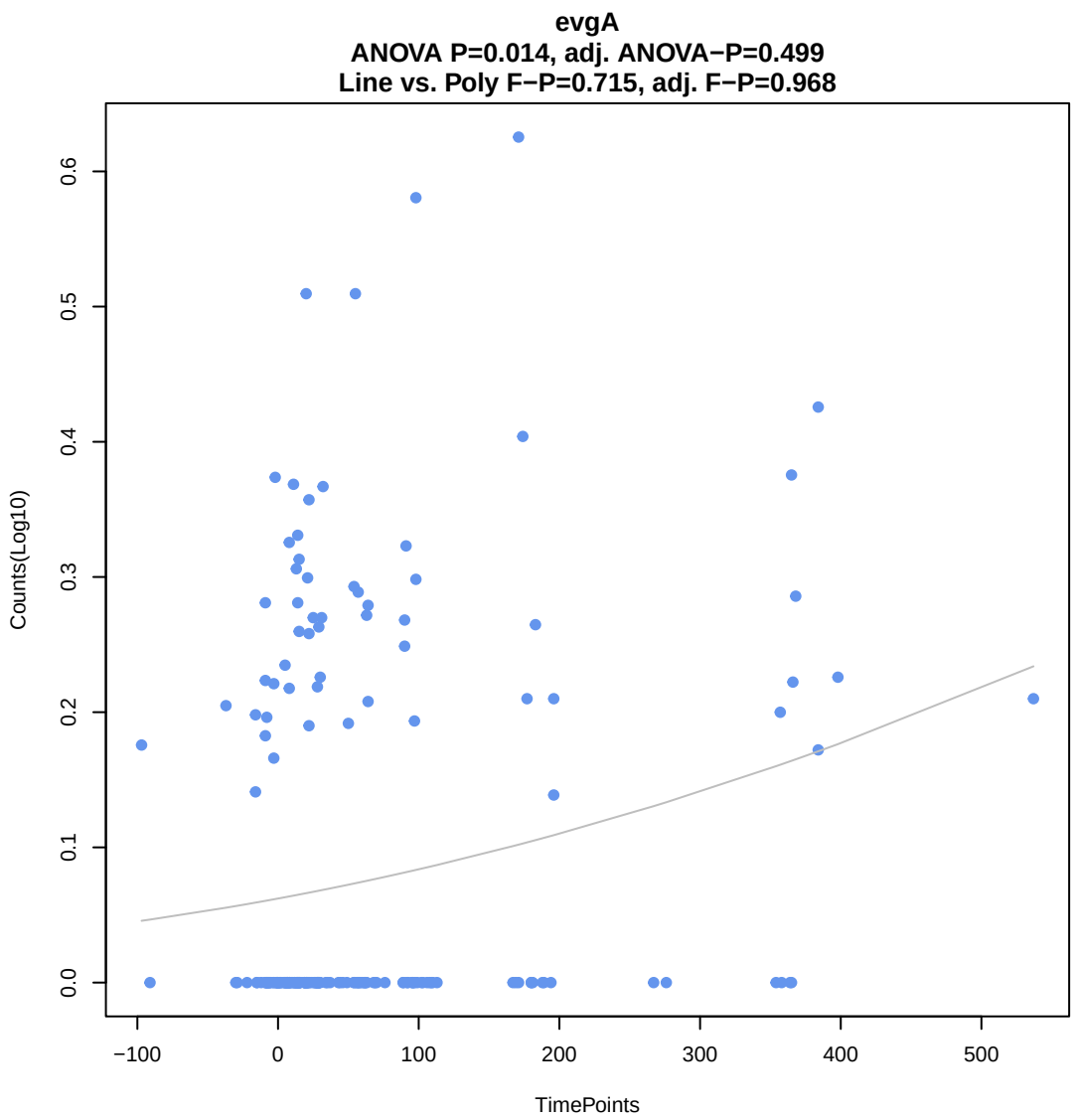

adeF
ANOVA P=0.831, adj. ANOVA−P=0.91
Line vs. Poly F−P=0.677, adj. F−P=0.967
Counts(Log10)
TimePoints

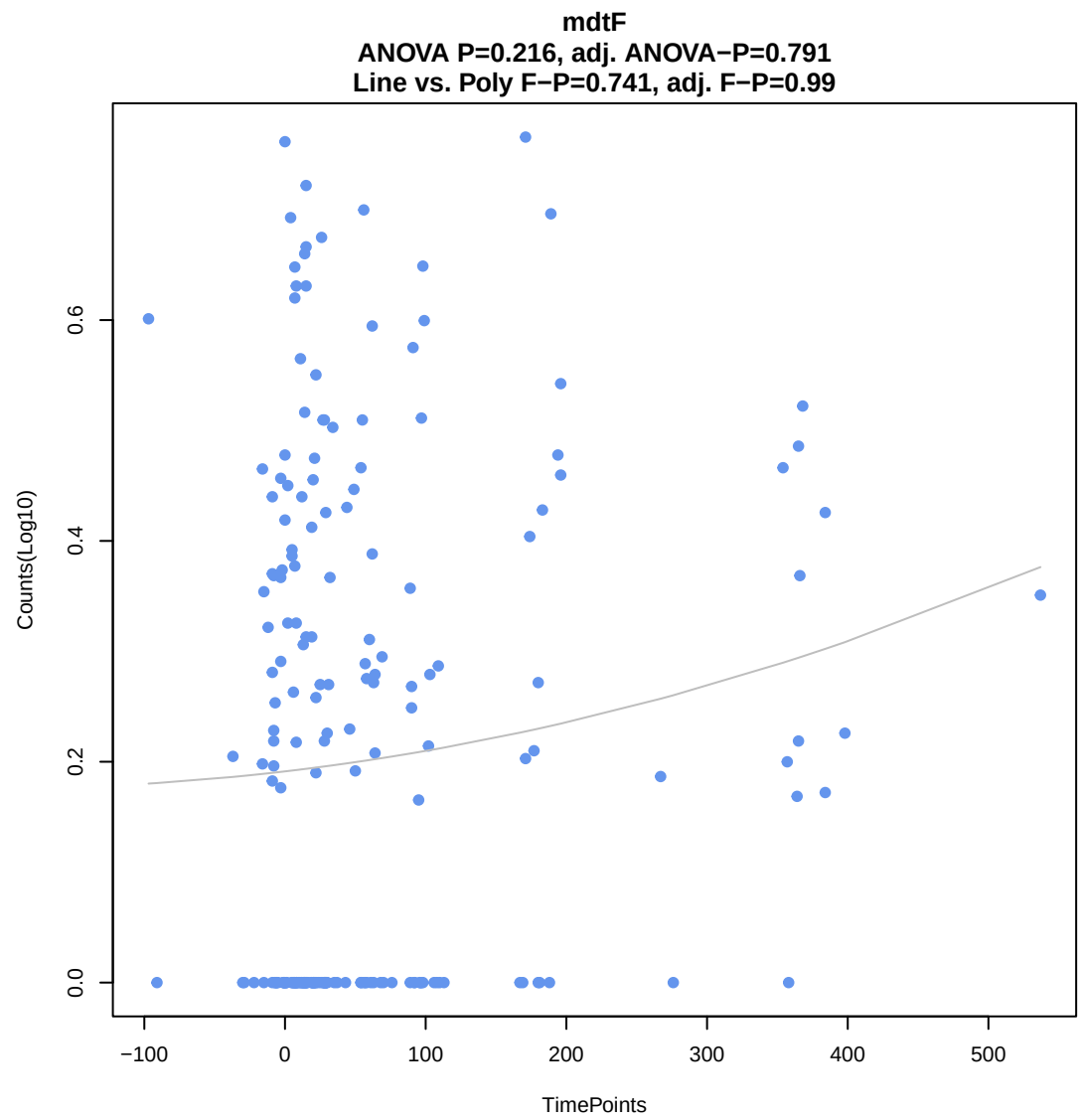

tet(O)
ANOVA P=0.292, adj. ANOVA−P=0.8
Line vs. Poly F−P=0.678, adj. F−P=0.967
Counts(Log10)
TimePoints

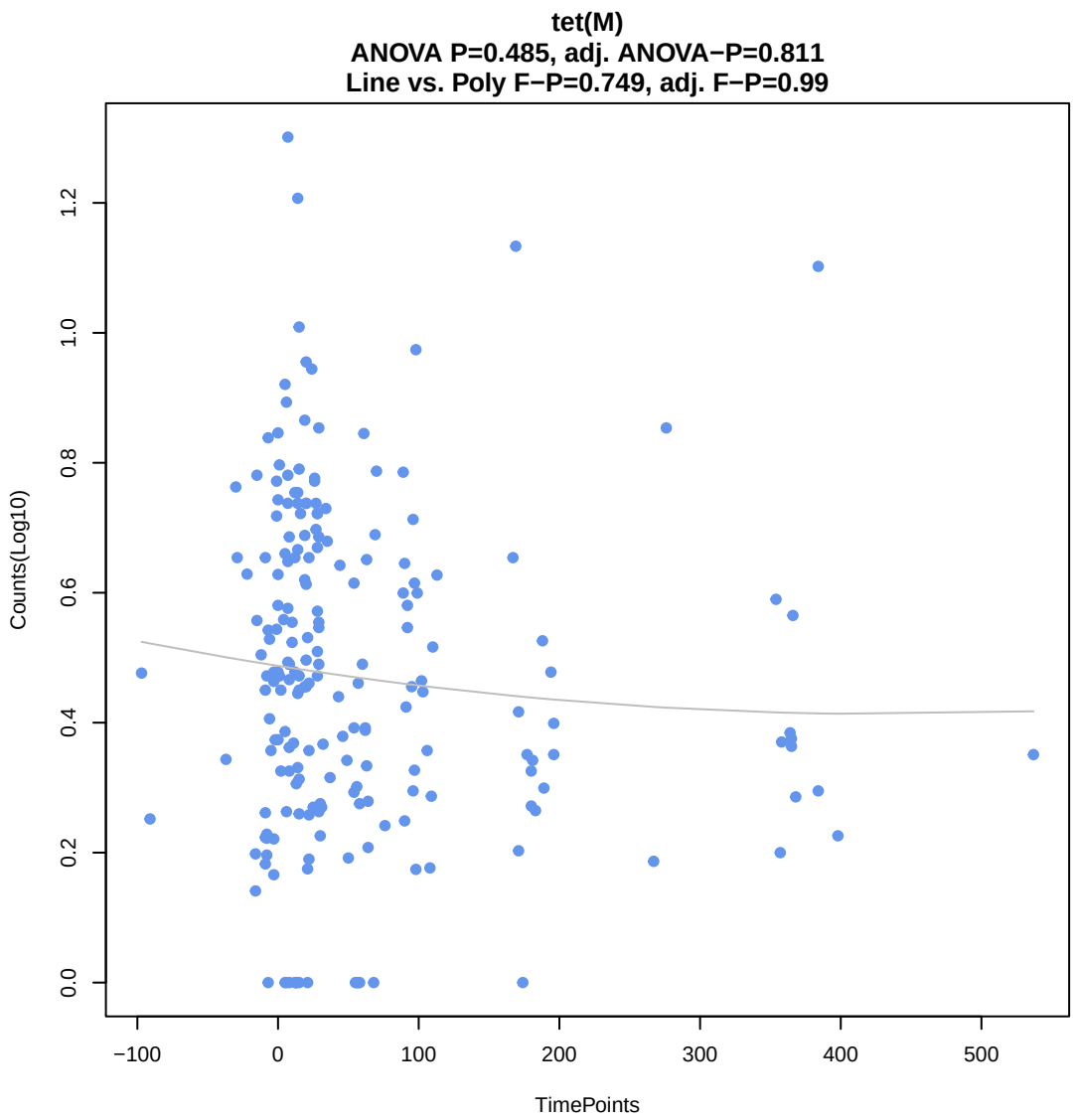

Klebsiella pneumoniae KpnH
ANOVA P=0.926, adj. ANOVA−P=0.953
Line vs. Poly F−P=0.7, adj. F−P=0.968
Counts(Log10)
TimePoints

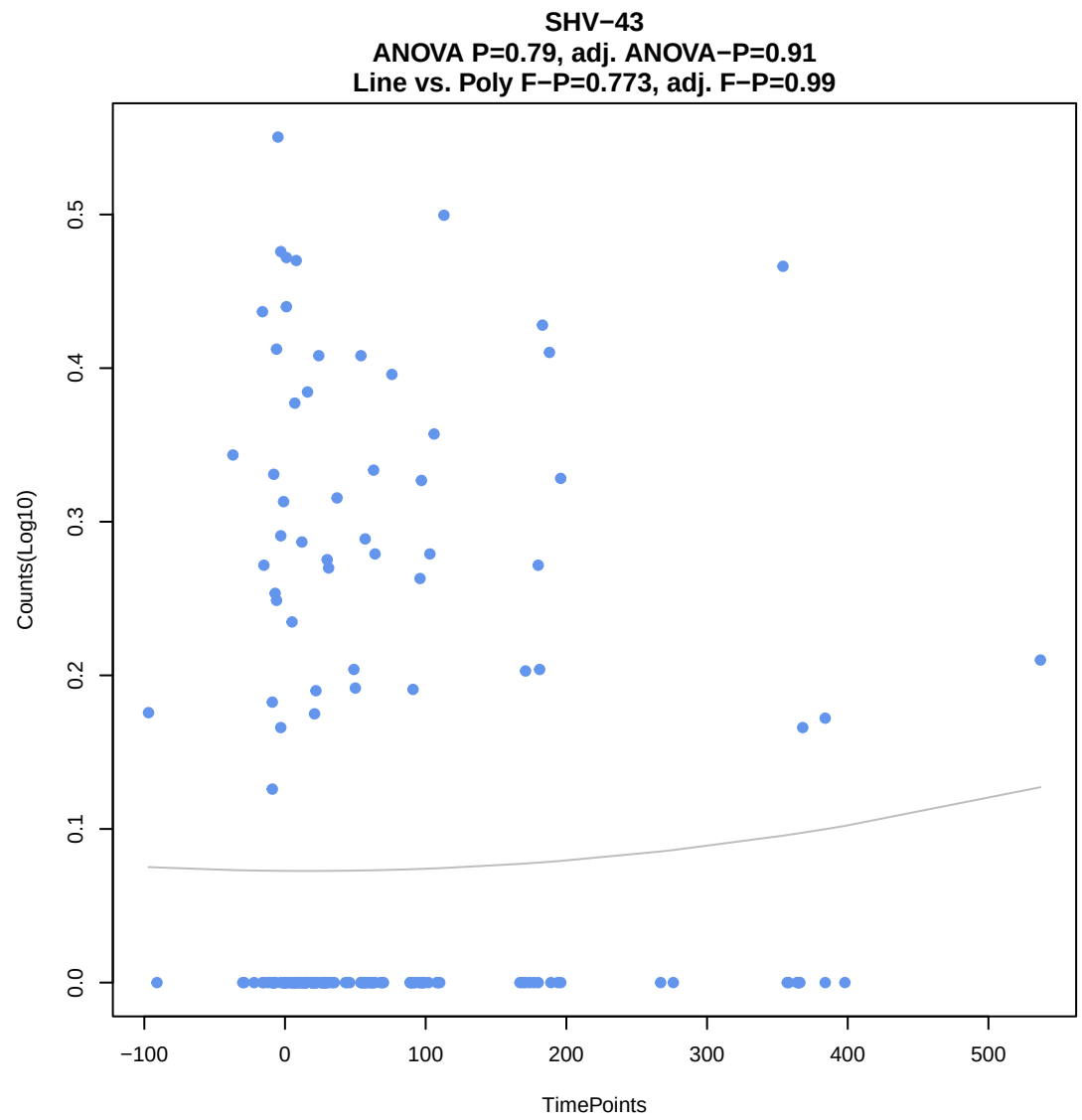

lnuC
ANOVA P=0.74, adj. ANOVA−P=0.91
Line vs. Poly F−P=0.706, adj. F−P=0.968
Counts(Log10)
TimePoints

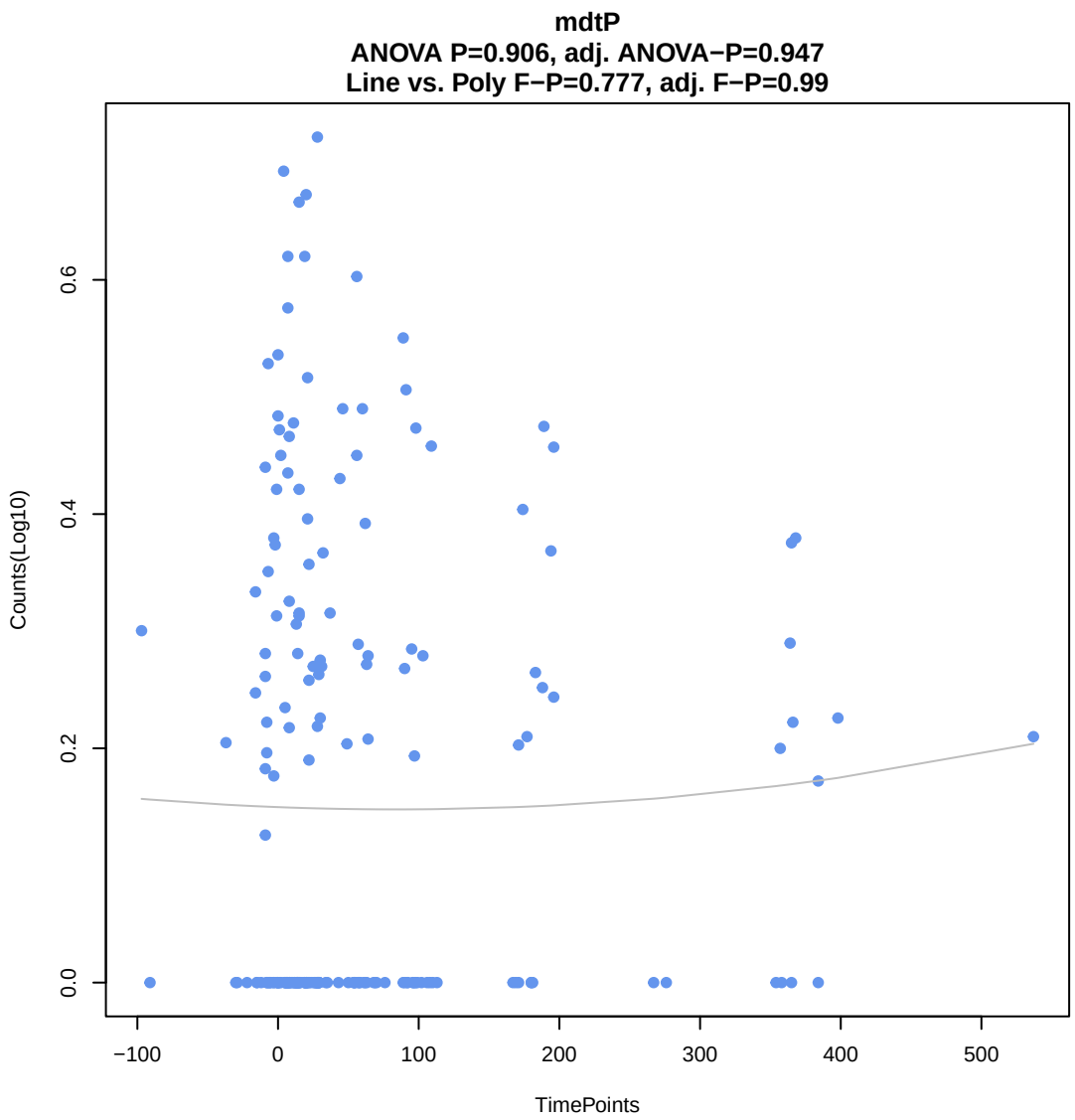

nimA
ANOVA P=0.00063, adj. ANOVA−P=0.0674
Line vs. Poly F−P=0.715, adj. F−P=0.968
Counts(Log10)
TimePoints

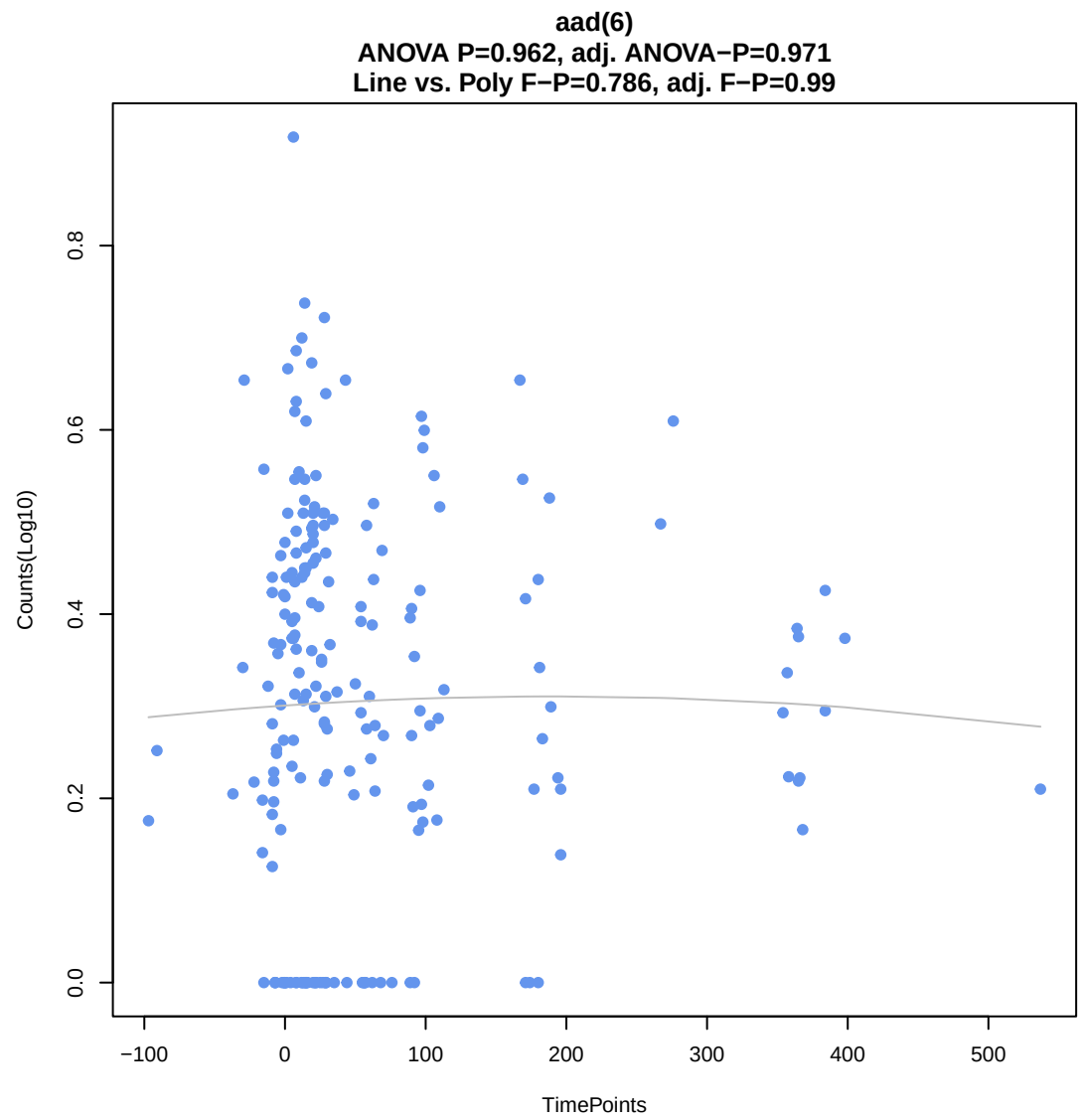

evgA
ANOVA P=0.014, adj. ANOVA−P=0.499
Line vs. Poly F−P=0.715, adj. F−P=0.968
Counts(Log10)
TimePoints


mdtF
ANOVA P=0.216, adj. ANOVA−P=0.791
Line vs. Poly F−P=0.741, adj. F−P=0.99
Counts(Log10)
TimePoints

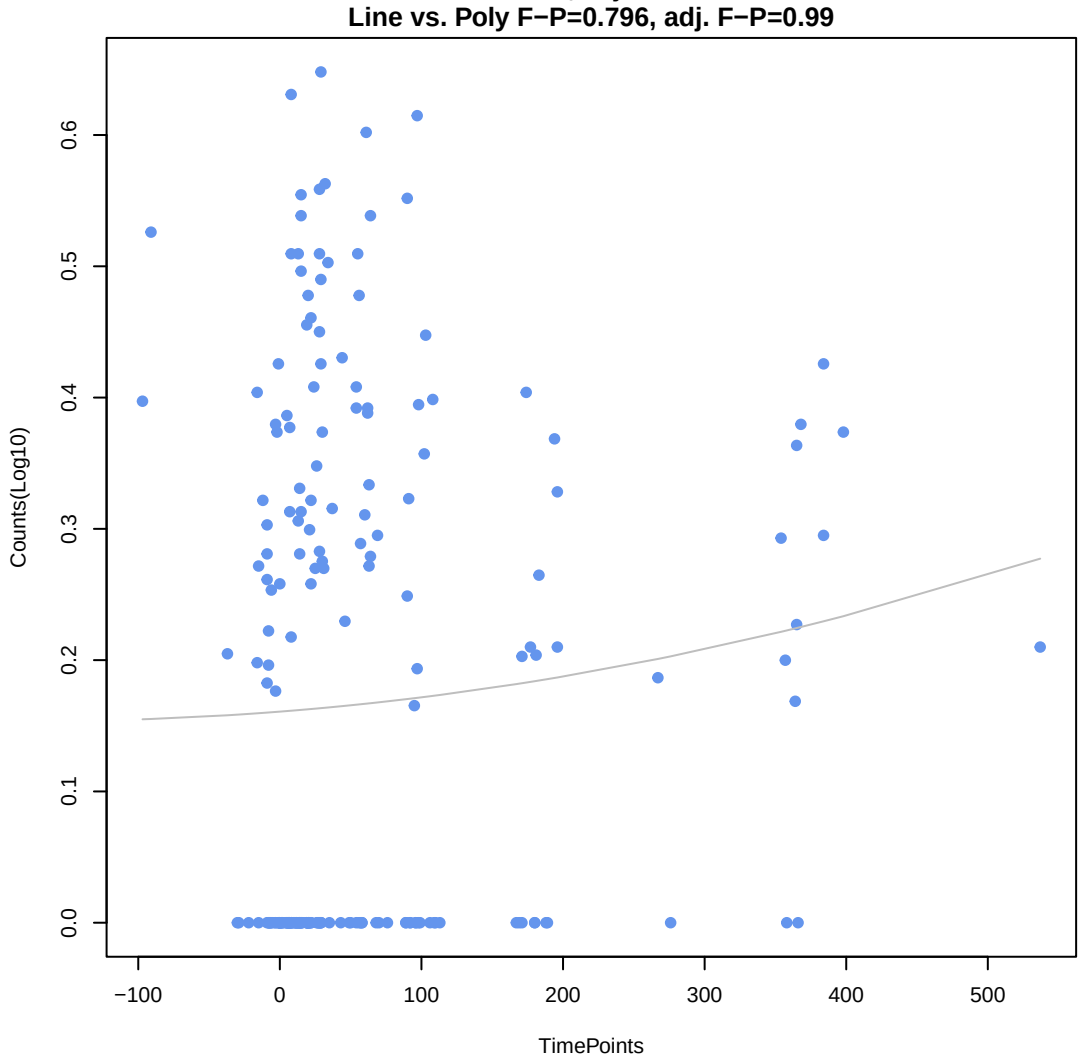

tet(M)
ANOVA P=0.485, adj. ANOVA−P=0.811
Line vs. Poly F−P=0.749, adj. F−P=0.99
Counts(Log10)
TimePoints


SHV−43
ANOVA P=0.79, adj. ANOVA−P=0.91
Line vs. Poly F−P=0.773, adj. F−P=0.99
Counts(Log10)
TimePoints

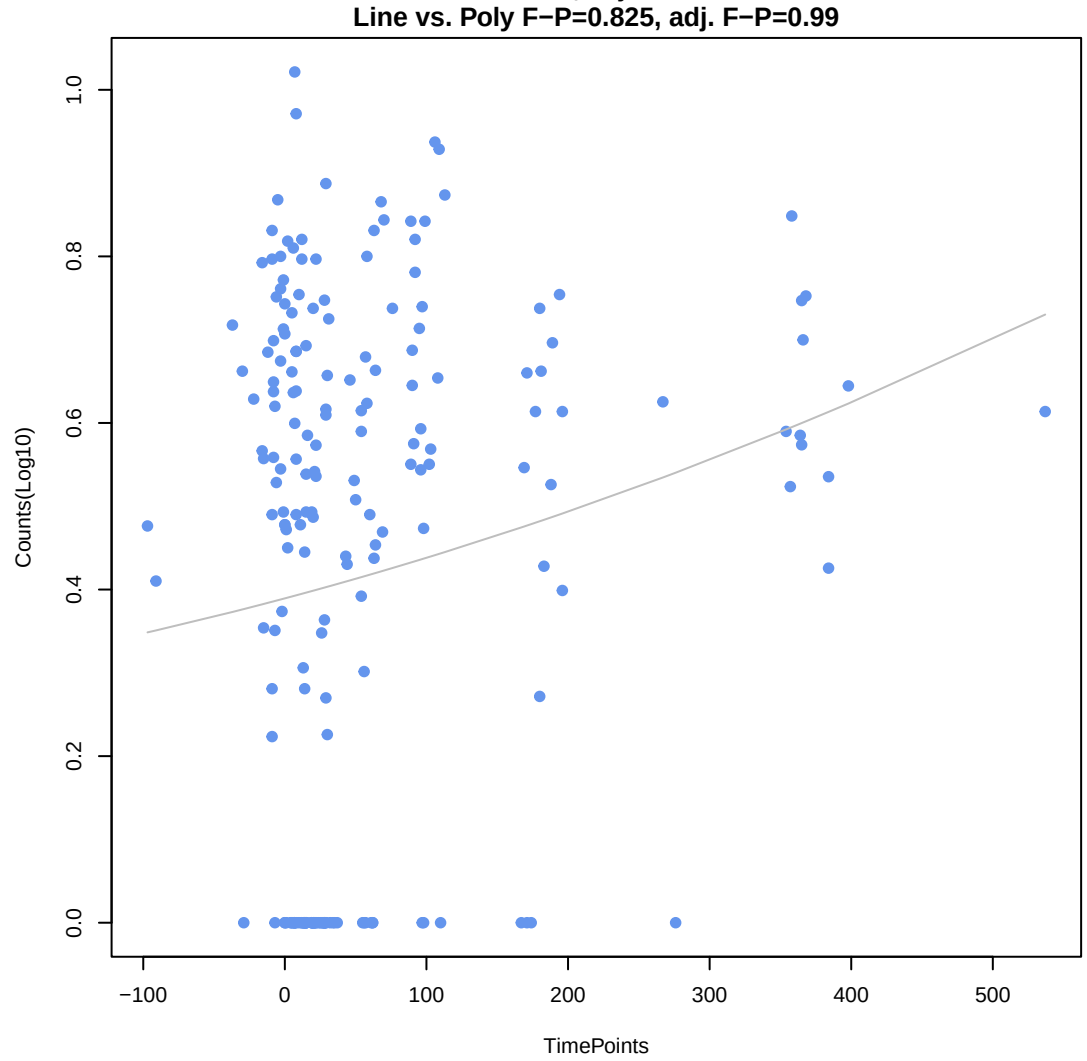

mdtP
ANOVA P=0.906, adj. ANOVA−P=0.947
Line vs. Poly F−P=0.777, adj. F−P=0.99
Counts(Log10)
TimePoints


aad(6)
ANOVA P=0.962, adj. ANOVA−P=0.971
Line vs. Poly F−P=0.786, adj. F−P=0.99
Counts(Log10)
TimePoints

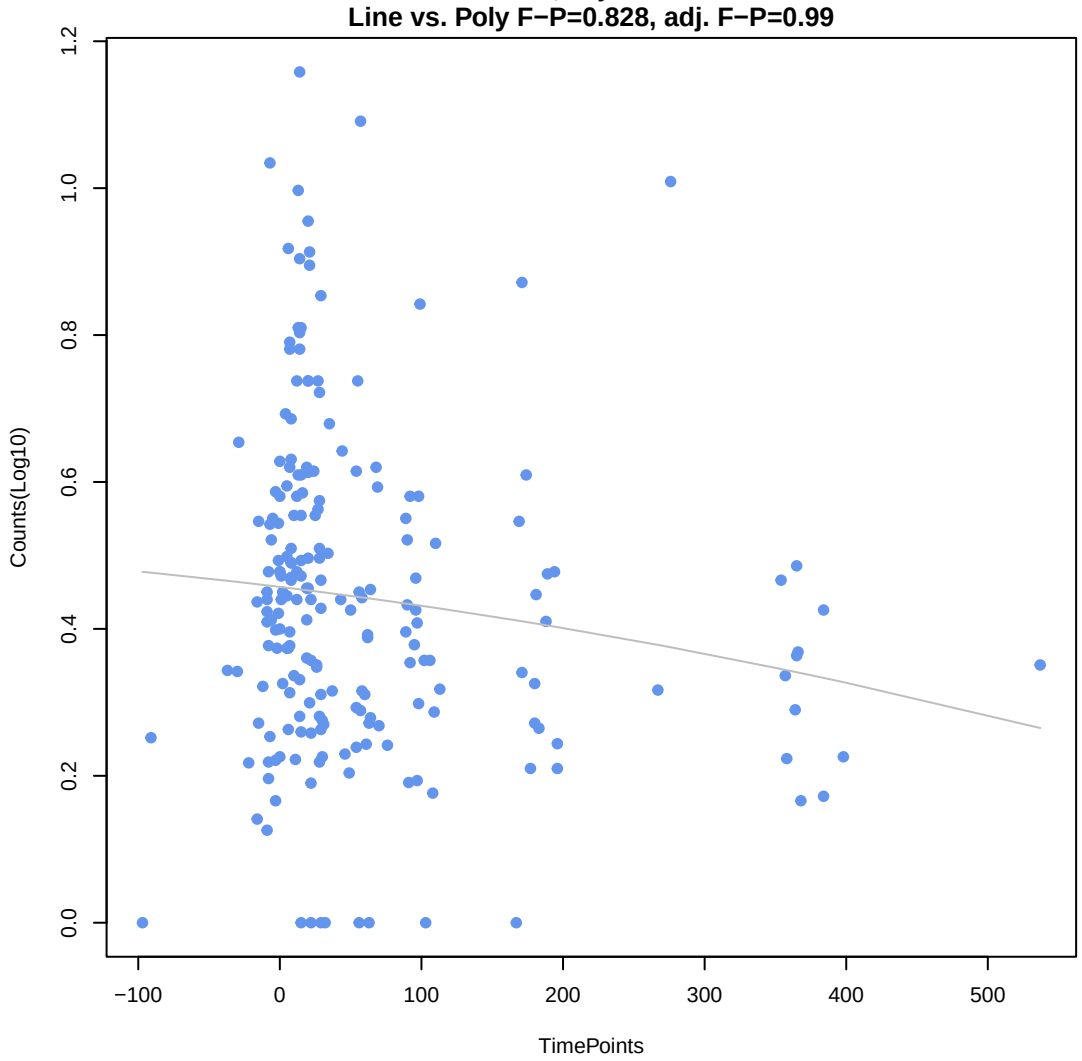
PmrF
ANOVA P=0.456, adj. ANOVA−P=0.8
Line vs. Poly F−P=0.796, adj. F−P=0.99



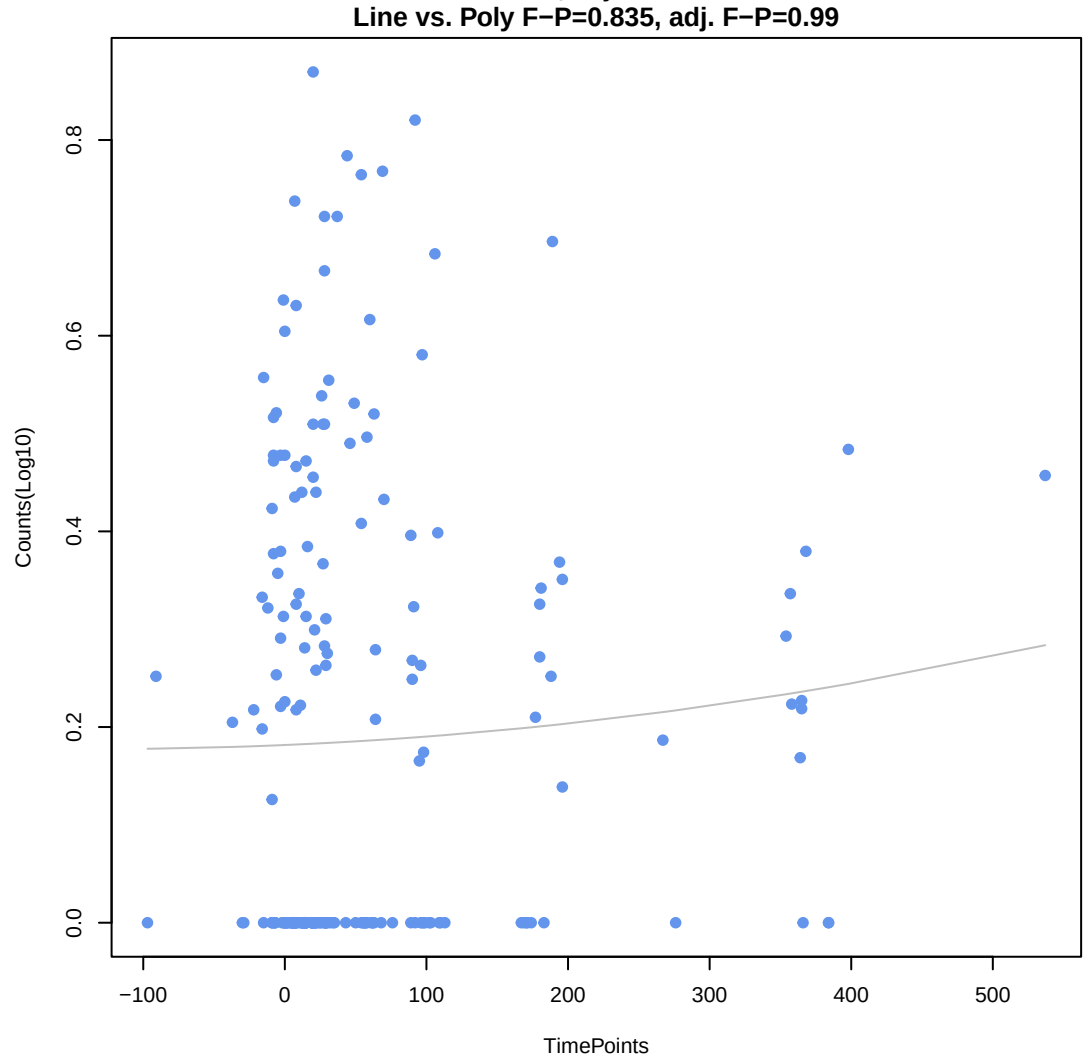
tet(T)
ANOVA P=0.0356, adj. ANOVA−P=0.51
Line vs. Poly F−P=0.825, adj. F−P=0.99



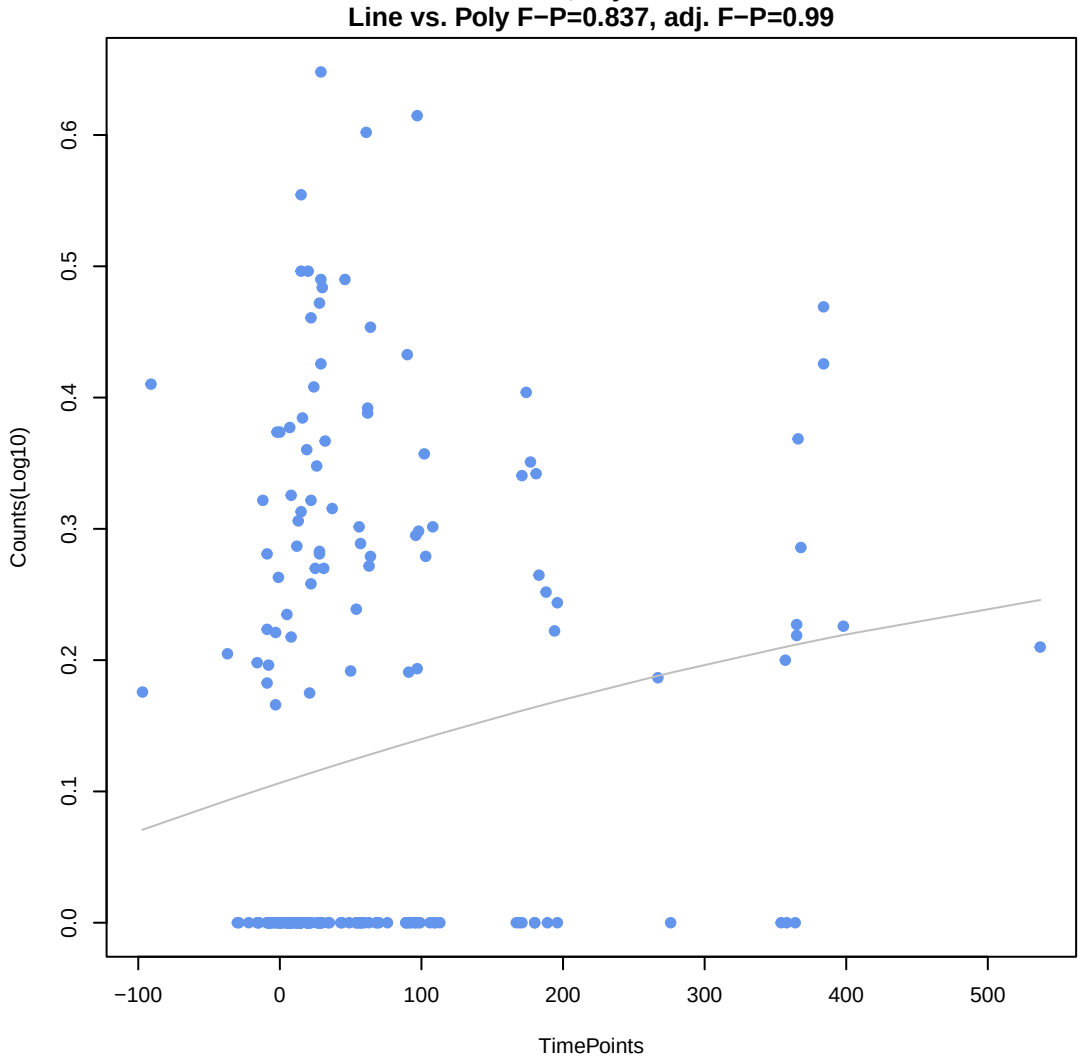
tet(W)
ANOVA P=0.123, adj. ANOVA−P=0.684
Line vs. Poly F−P=0.828, adj. F−P=0.99



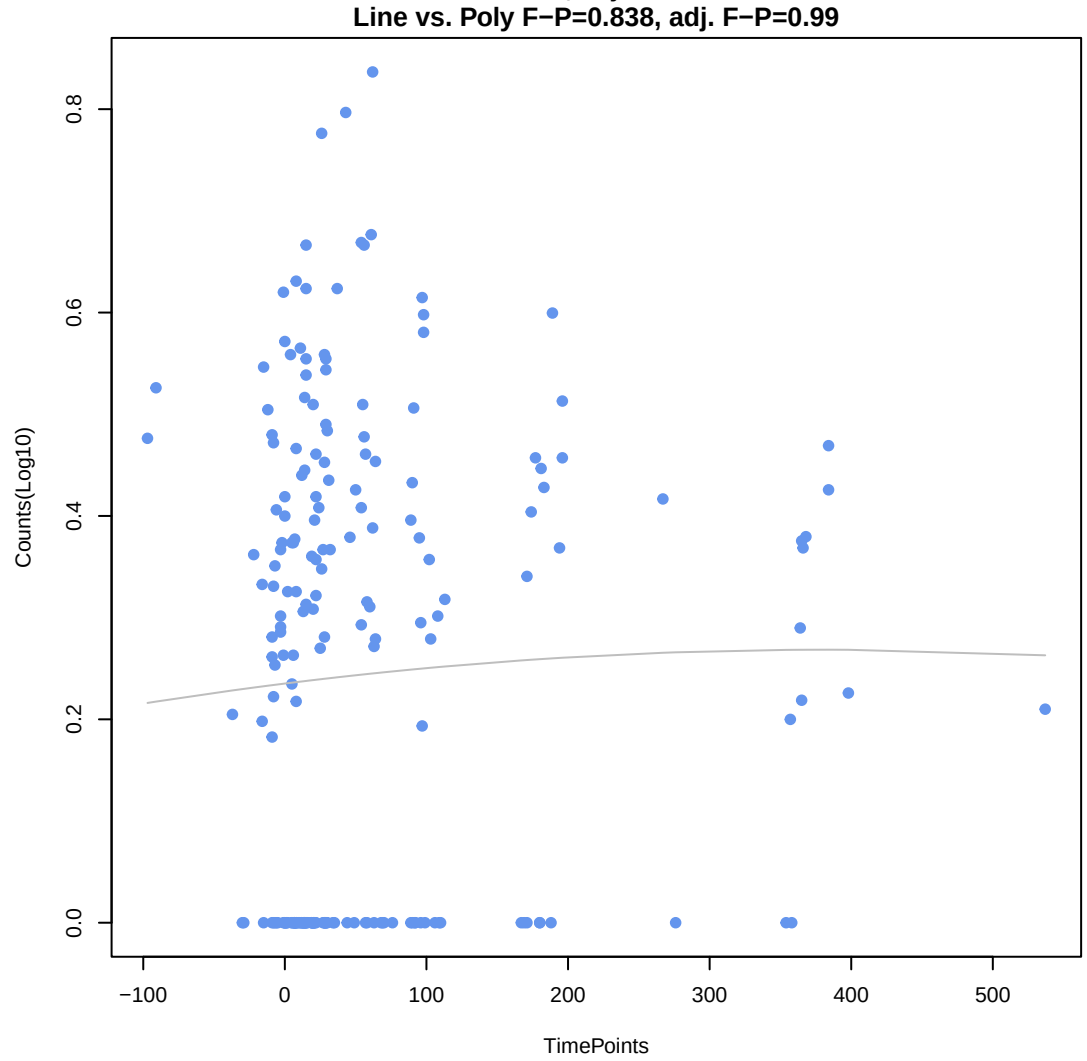
tet(44)
ANOVA P=0.668, adj. ANOVA−P=0.863
Line vs. Poly F−P=0.835, adj. F−P=0.99

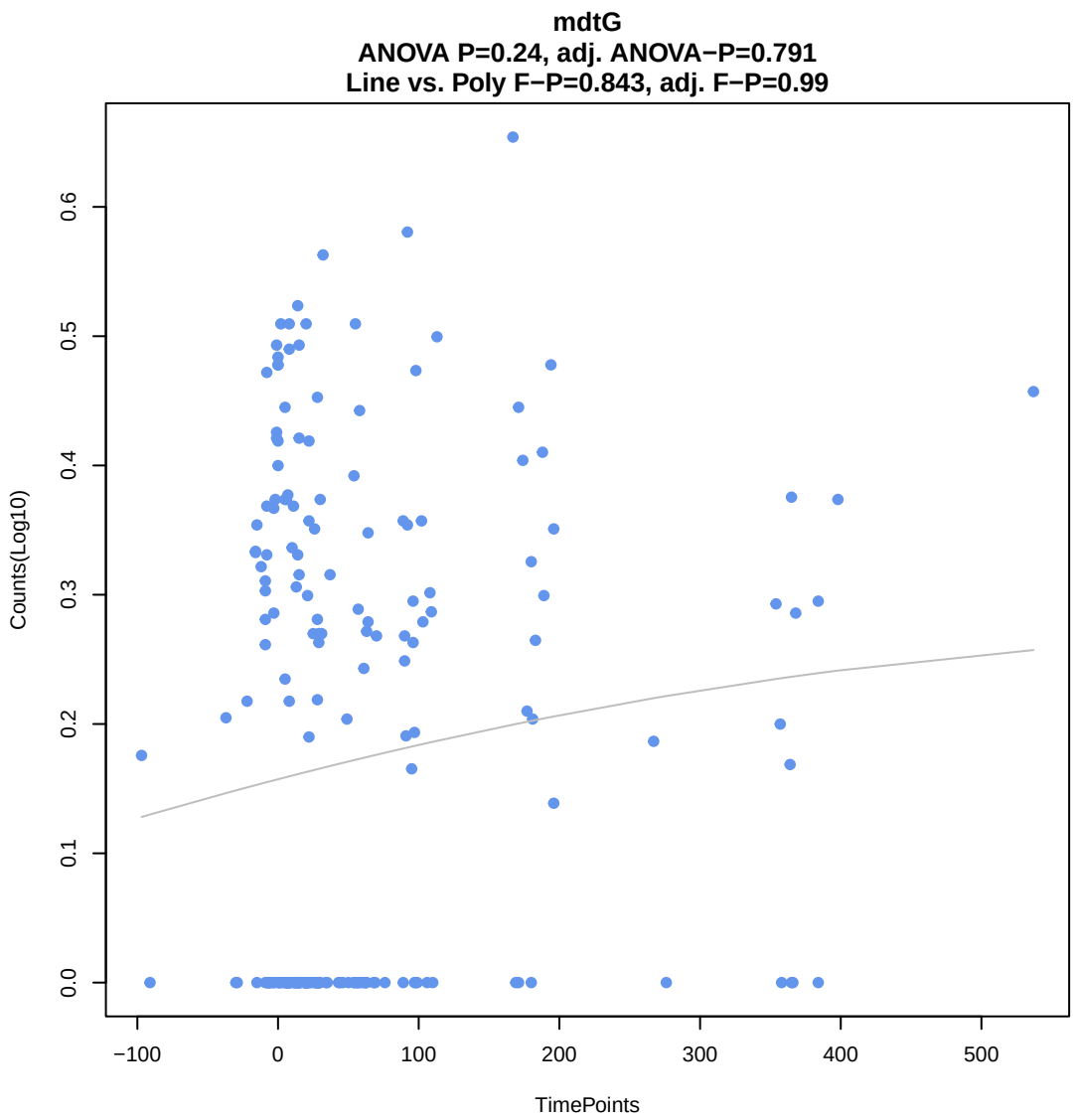


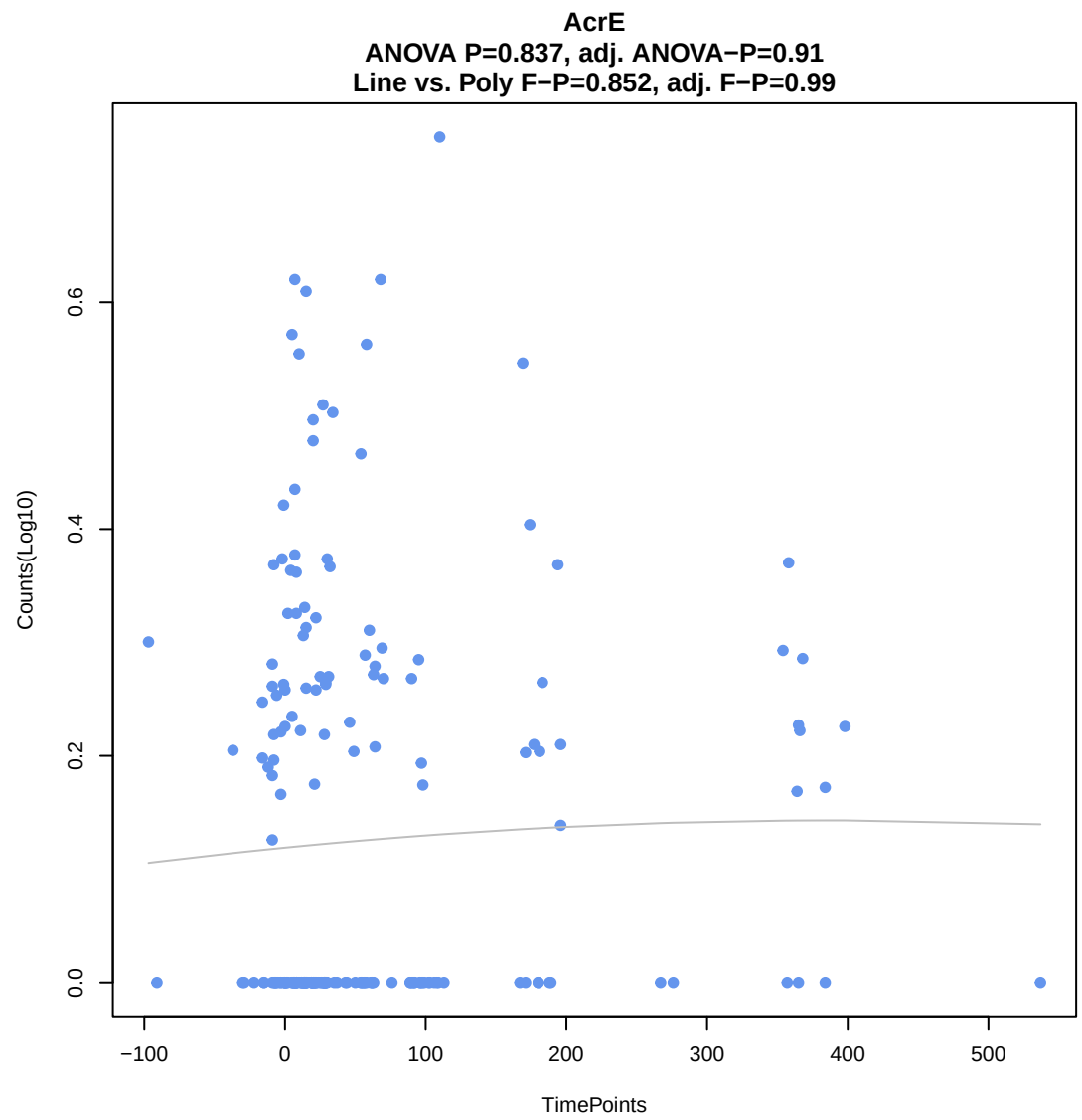
scherichia coli AcrAB−TolC with MarR mutations conferring resistance to ciprofloxacin and
ANOVA P=0.0524, adj. ANOVA−P=0.51
Line vs. Poly F−P=0.837, adj. F−P=0.99

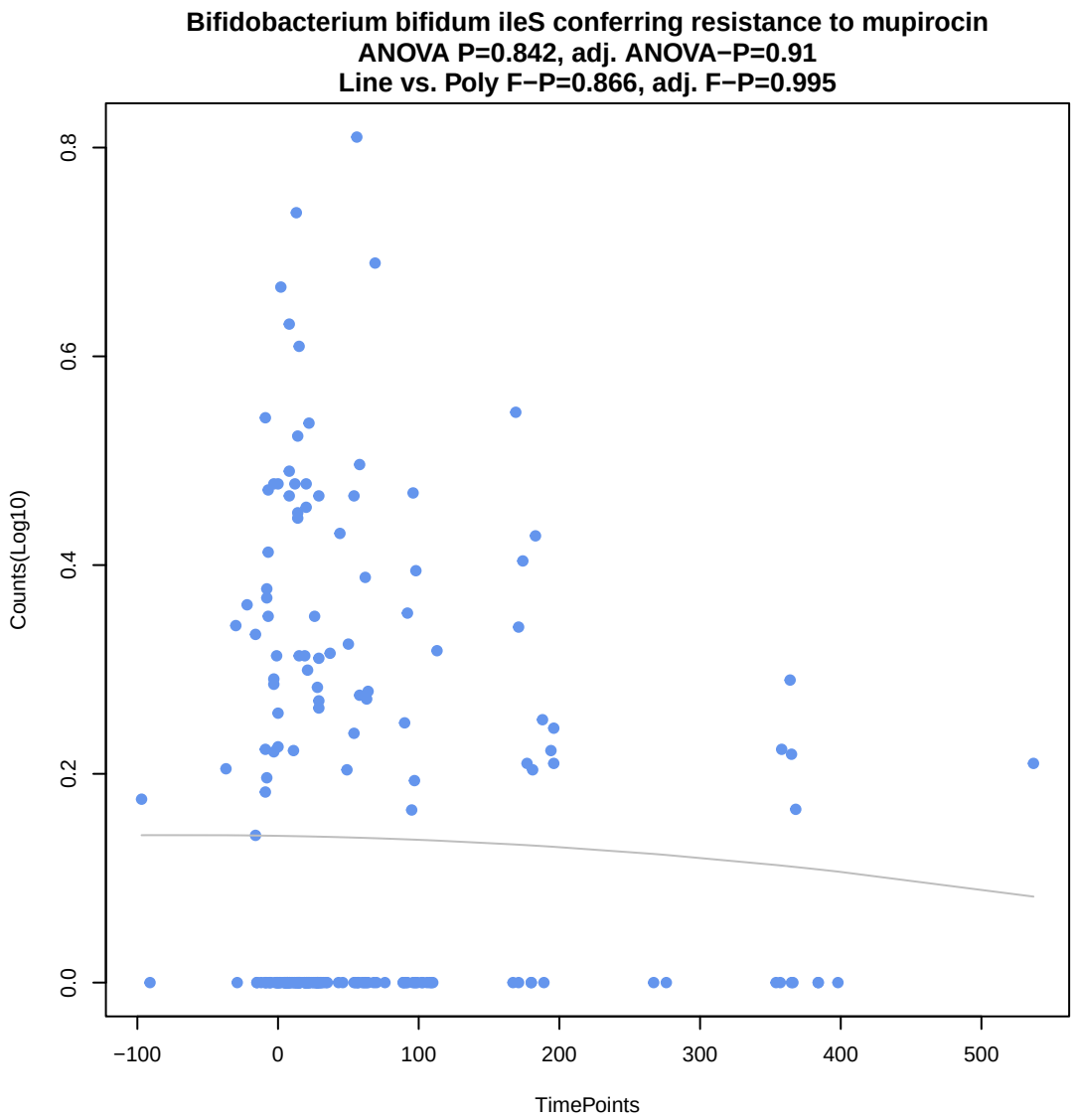


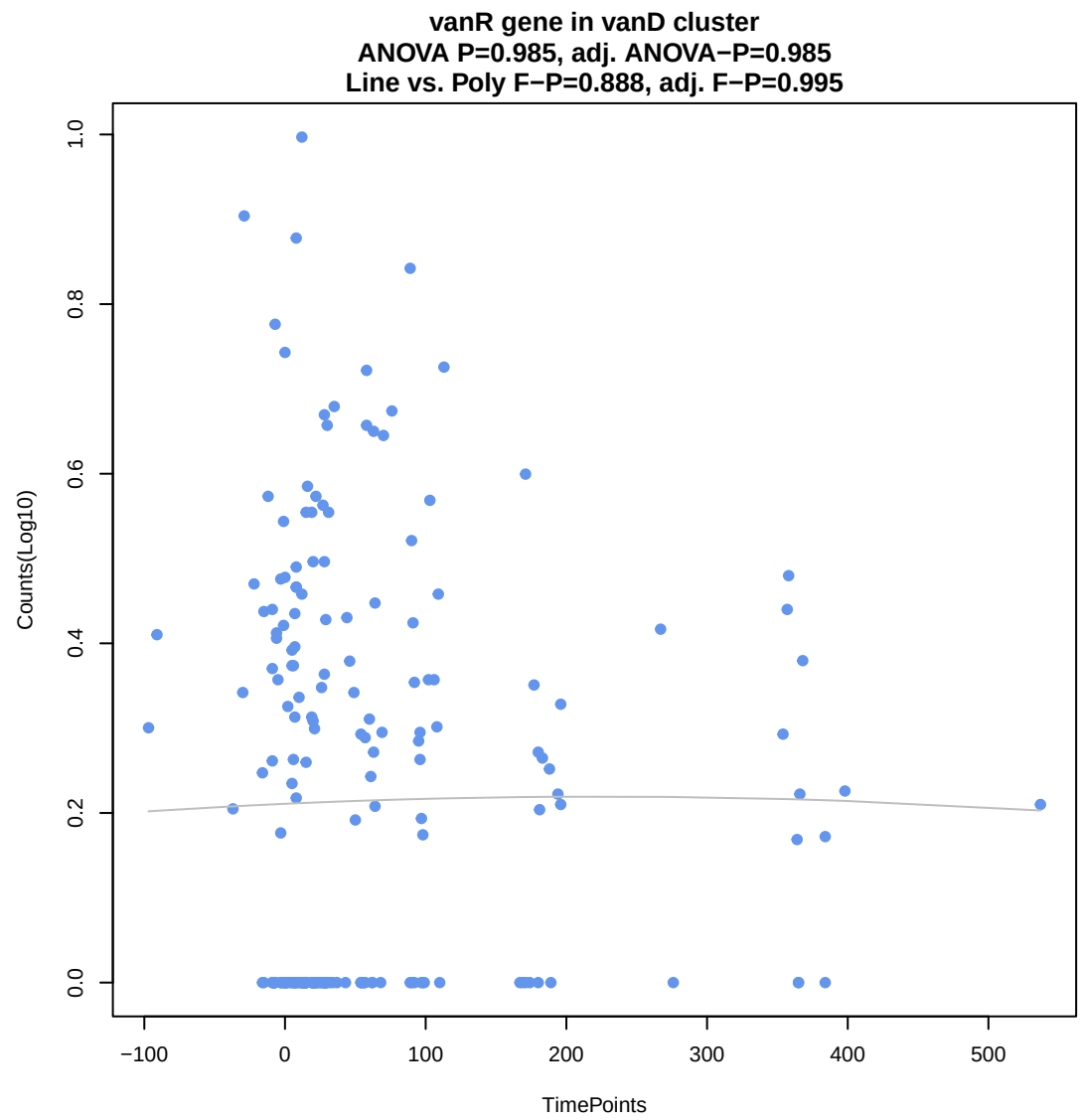
msbA
ANOVA P=0.821, adj. ANOVA−P=0.91
Line vs. Poly F−P=0.838, adj. F−P=0.99

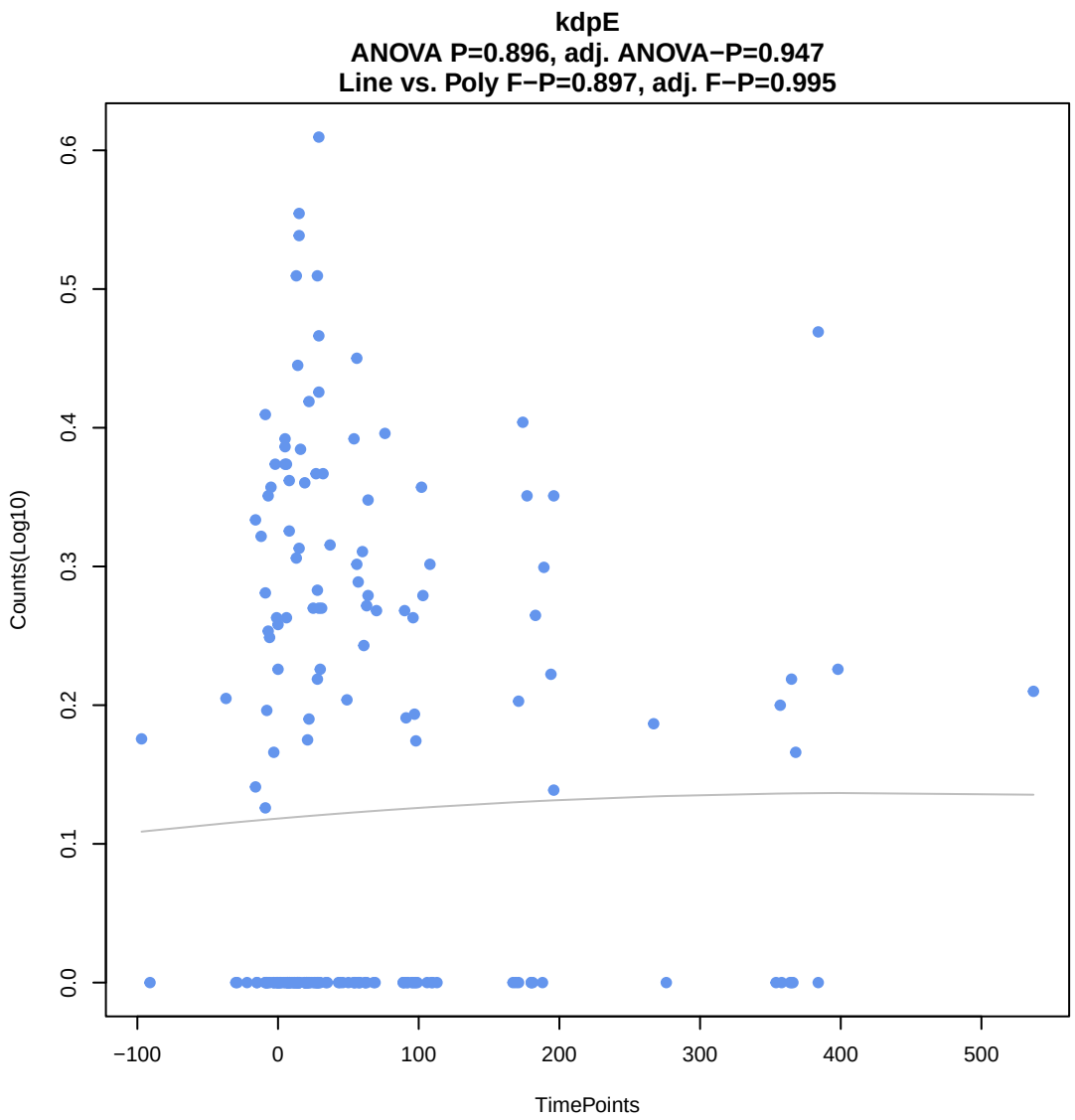


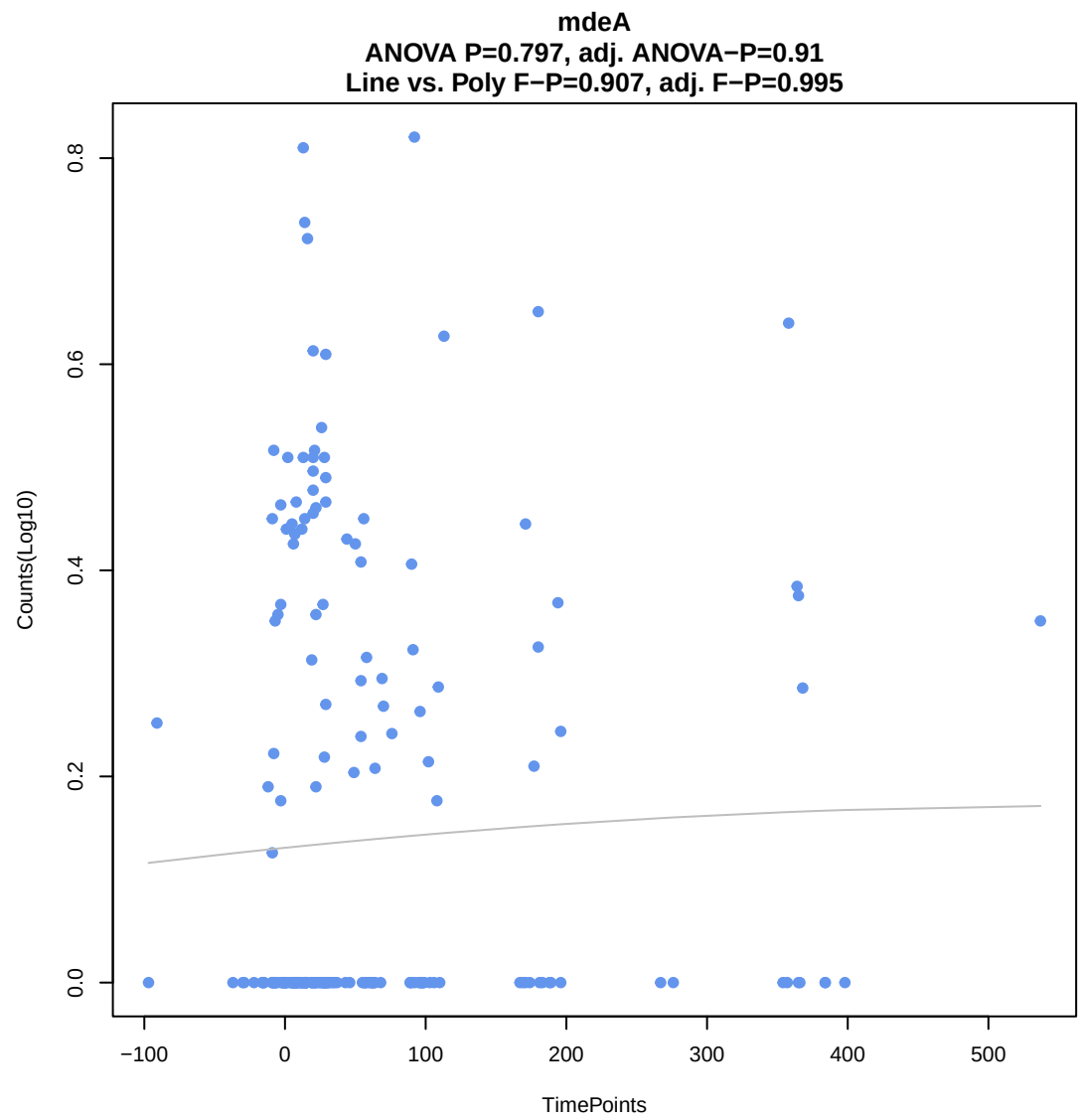

mdtG
ANOVA P=0.24, adj. ANOVA−P=0.791
Line vs. Poly F−P=0.843, adj. F−P=0.99
Counts(Log10)
TimePoints

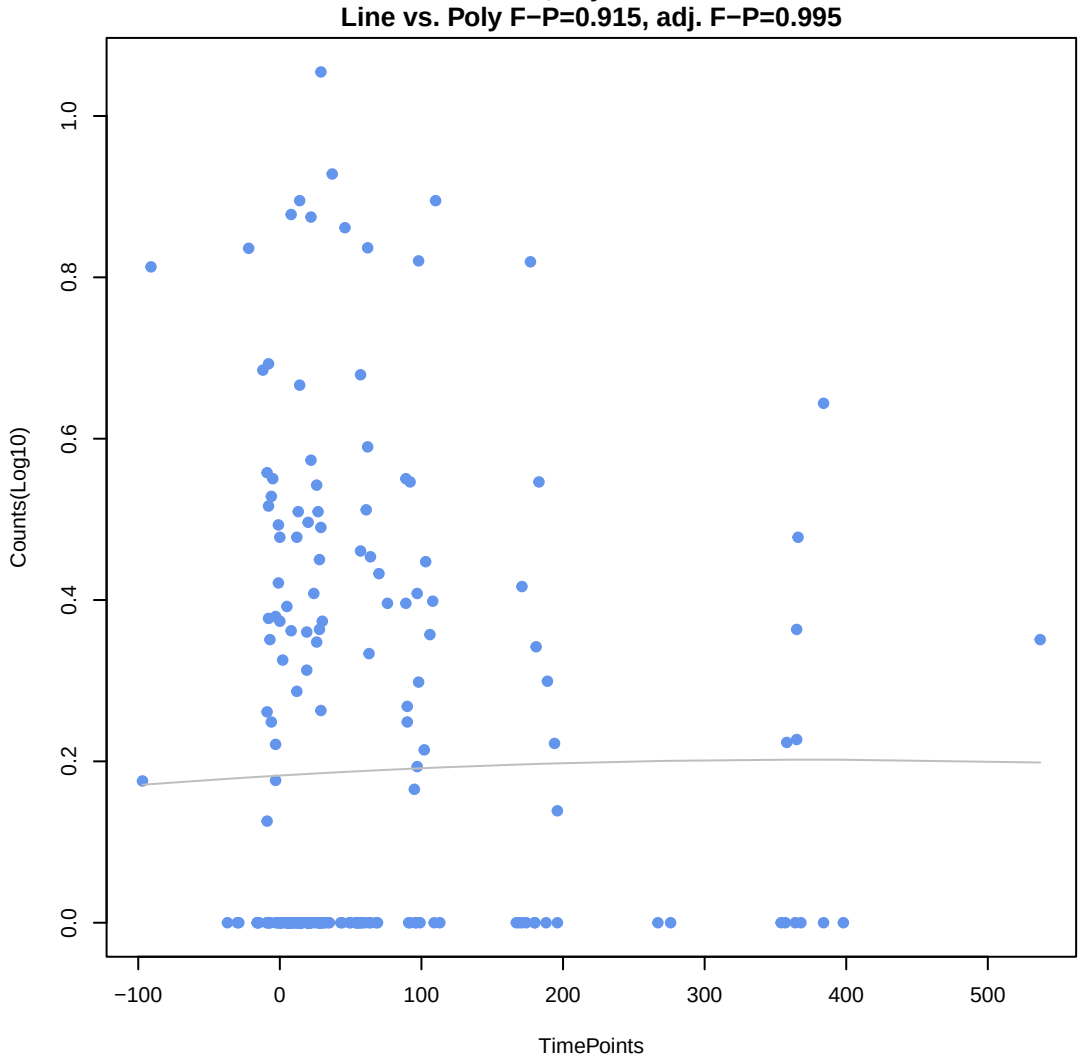

AcrE
ANOVA P=0.837, adj. ANOVA−P=0.91
Line vs. Poly F−P=0.852, adj. F−P=0.99
Counts(Log10)
TimePoints

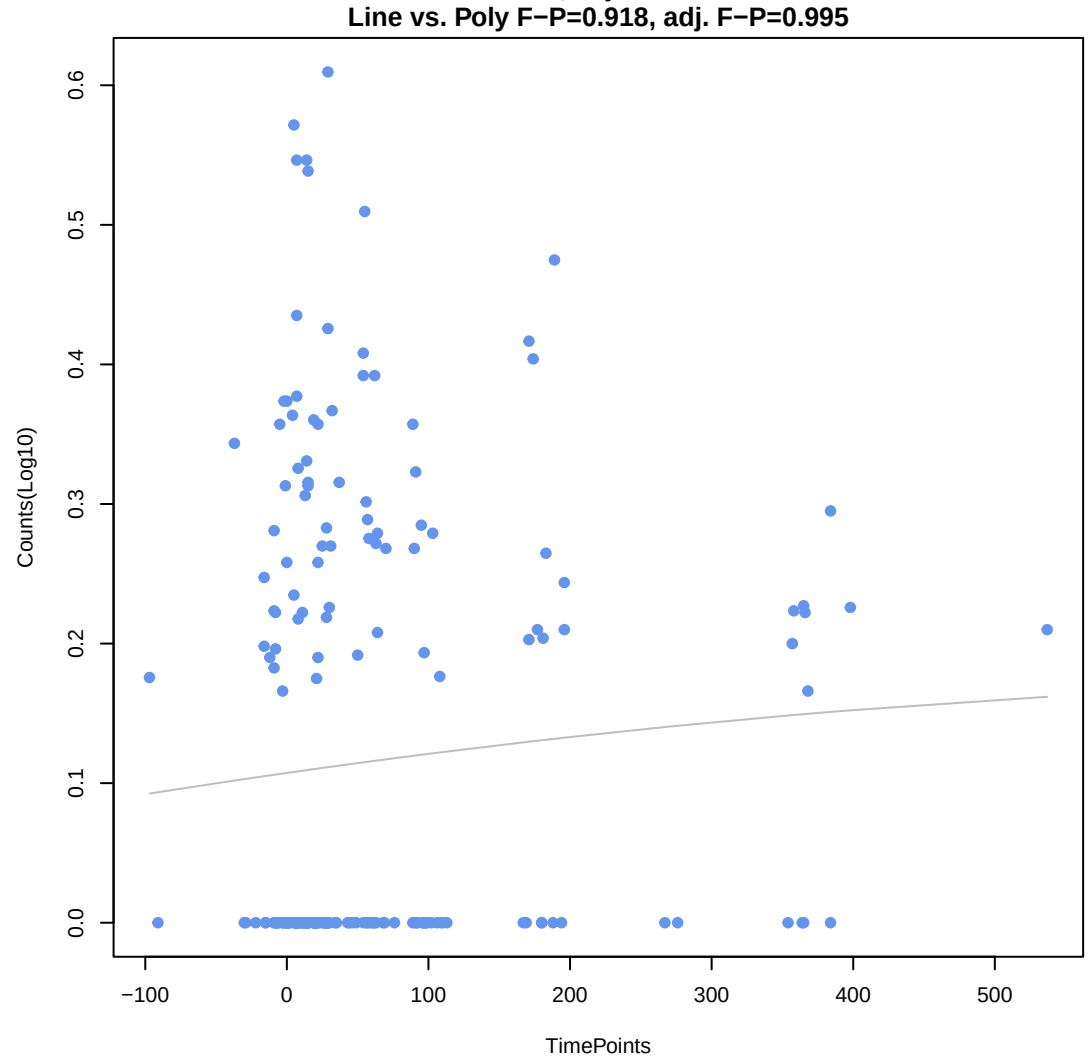

Bifidobacterium bifidum ileS conferring resistance to mupirocin
ANOVA P=0.842, adj. ANOVA−P=0.91
Line vs. Poly F−P=0.866, adj. F−P=0.995
Counts(Log10)
TimePoints

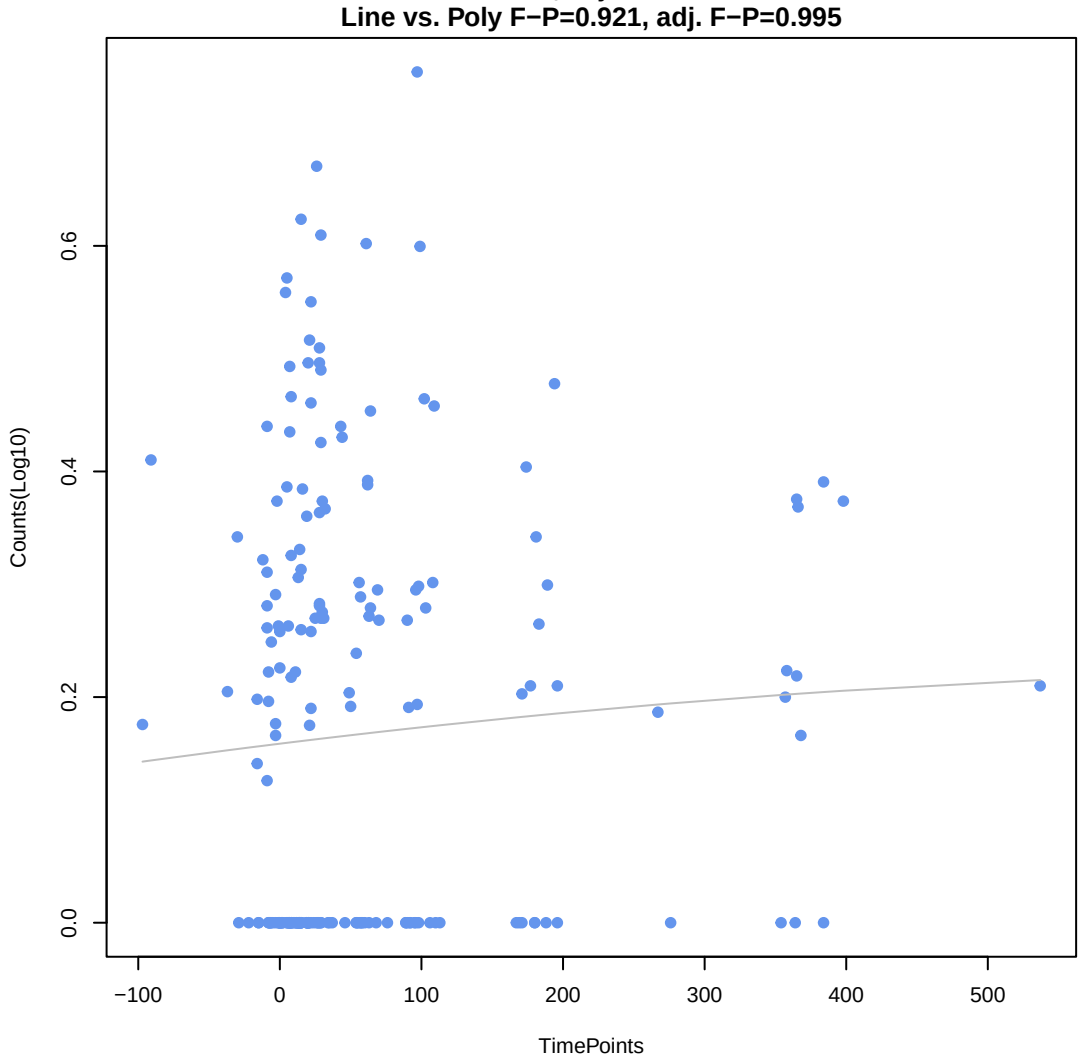

vanR gene in vanD cluster
ANOVA P=0.985, adj. ANOVA−P=0.985
Line vs. Poly F−P=0.888, adj. F−P=0.995
Counts(Log10)
TimePoints

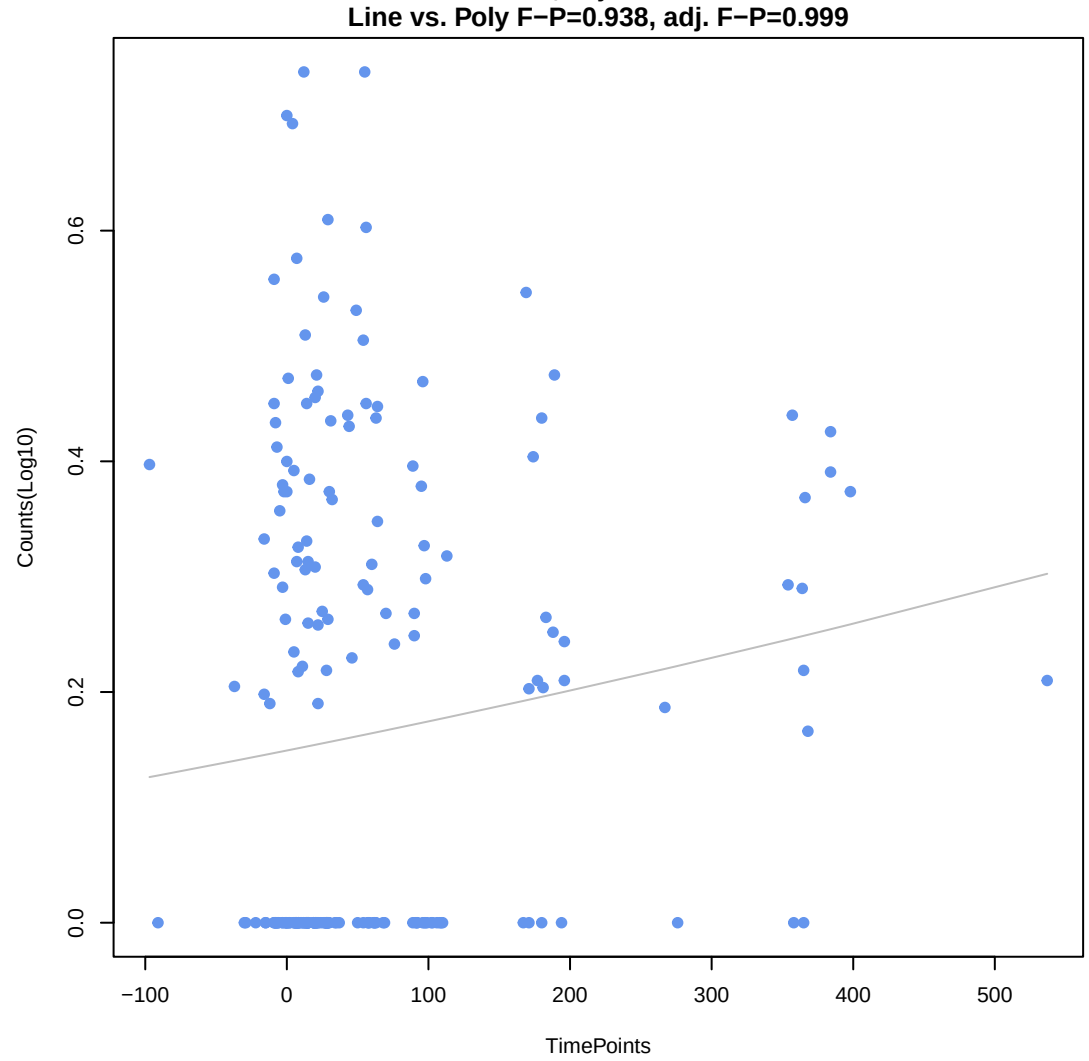

kdpE
ANOVA P=0.896, adj. ANOVA−P=0.947
Line vs. Poly F−P=0.897, adj. F−P=0.995
Counts(Log10)
TimePoints

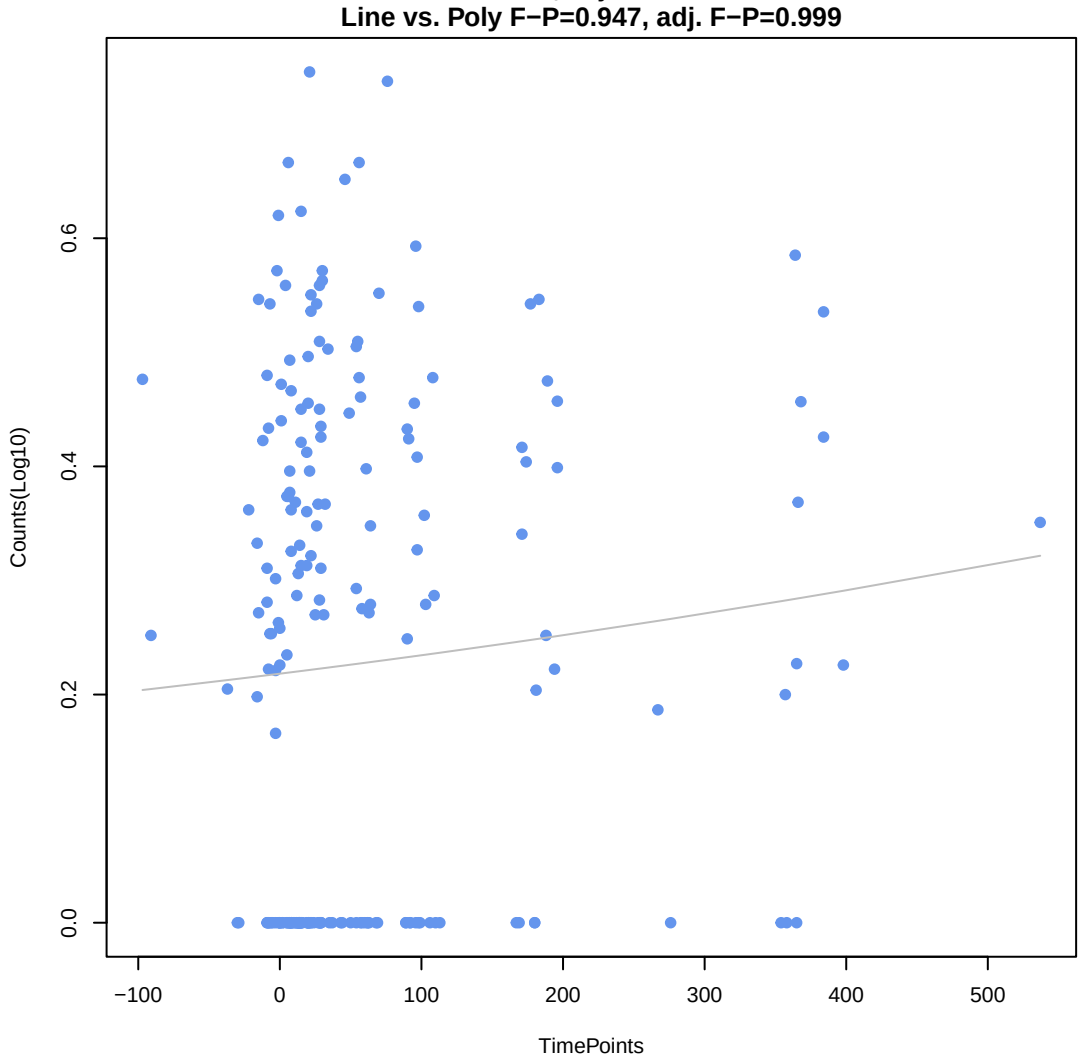

mdeA
ANOVA P=0.797, adj. ANOVA−P=0.91
Line vs. Poly F−P=0.907, adj. F−P=0.995
Counts(Log10)
TimePoints

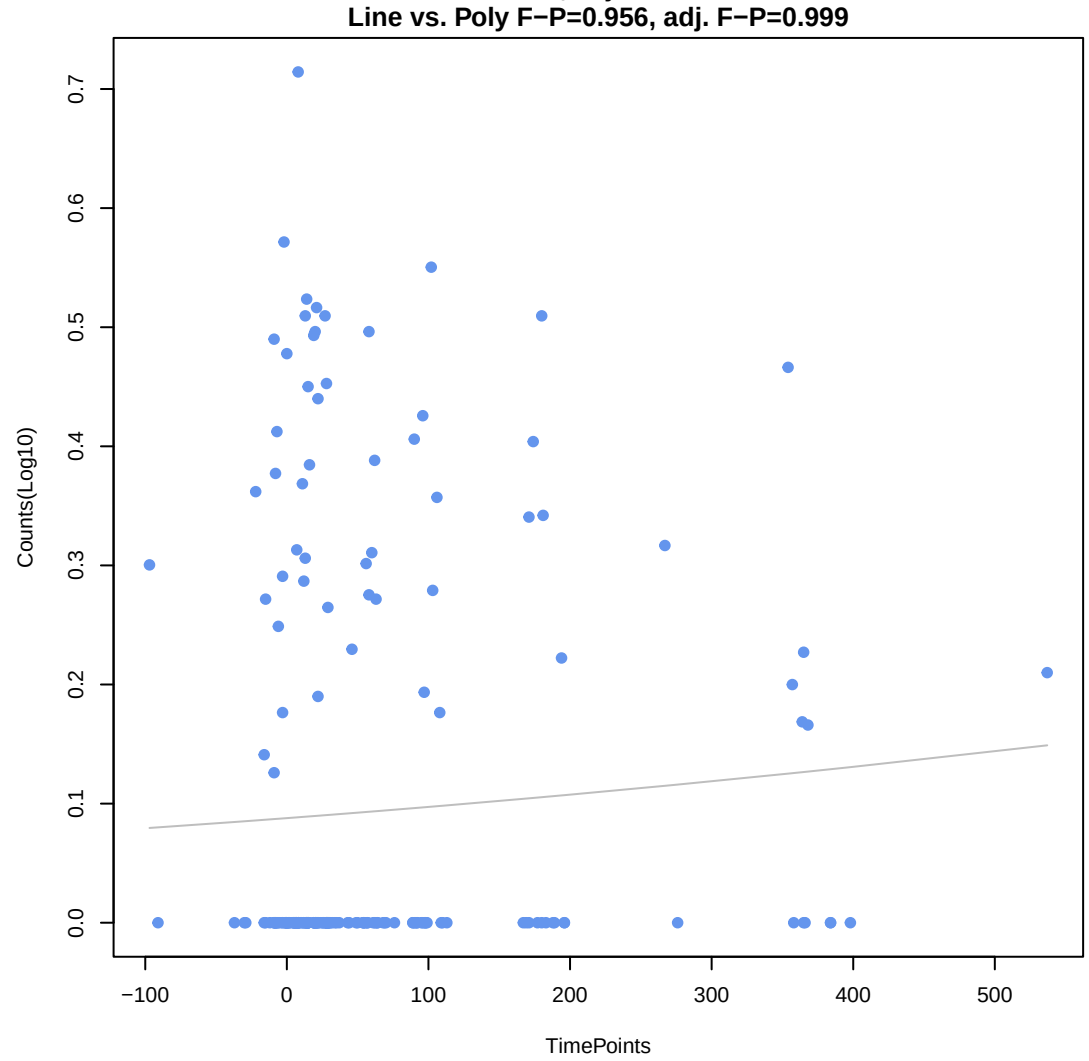

oqxB
ANOVA P=0.95, adj. ANOVA−P=0.968
Line vs. Poly F−P=0.915, adj. F−P=0.995
Counts(Log10)
TimePoints

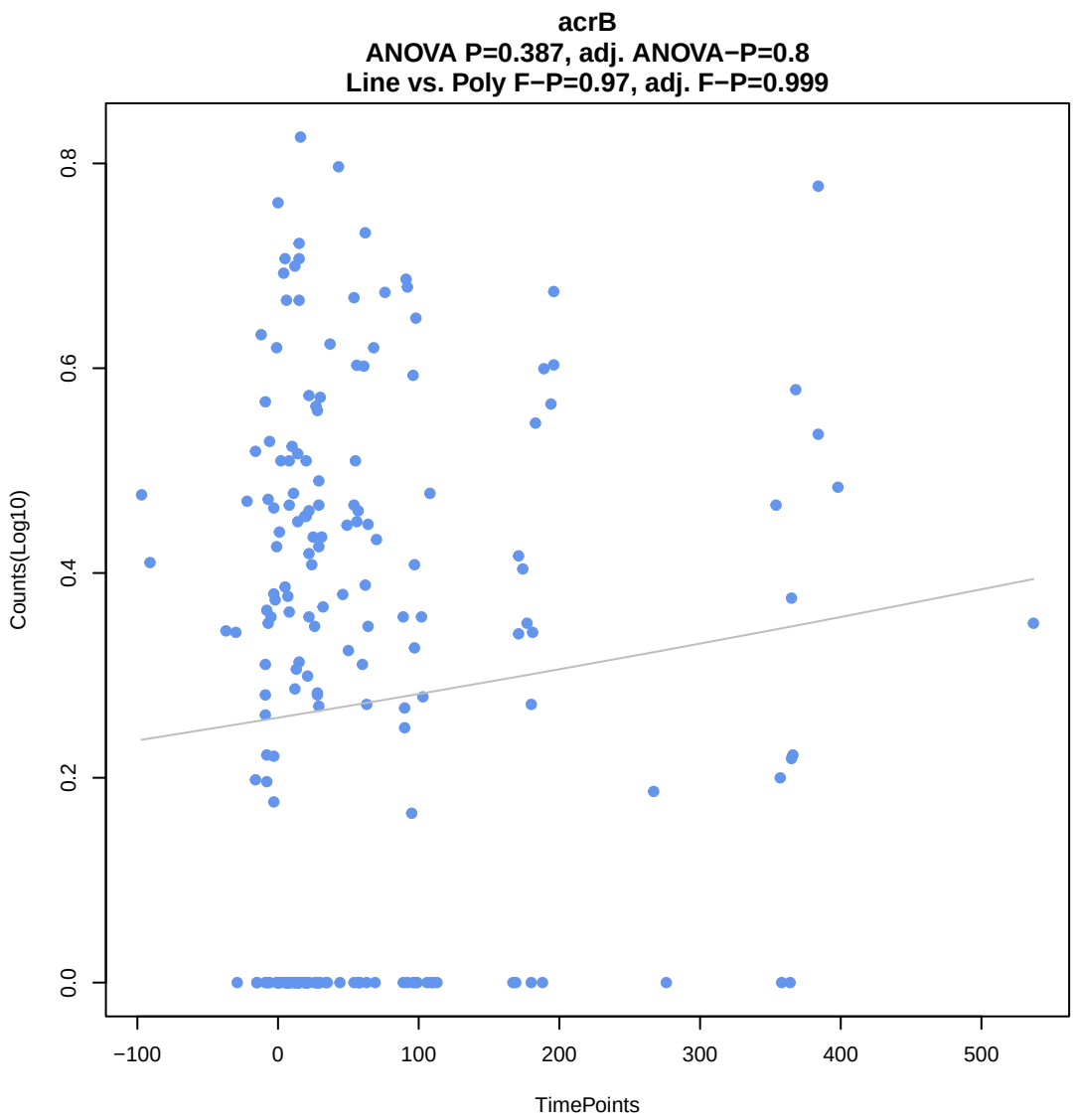

Escherichia coli soxR with mutation conferring antibiotic resistance
ANOVA P=0.575, adj. ANOVA−P=0.822
Line vs. Poly F−P=0.918, adj. F−P=0.995
Counts(Log10)
TimePoints

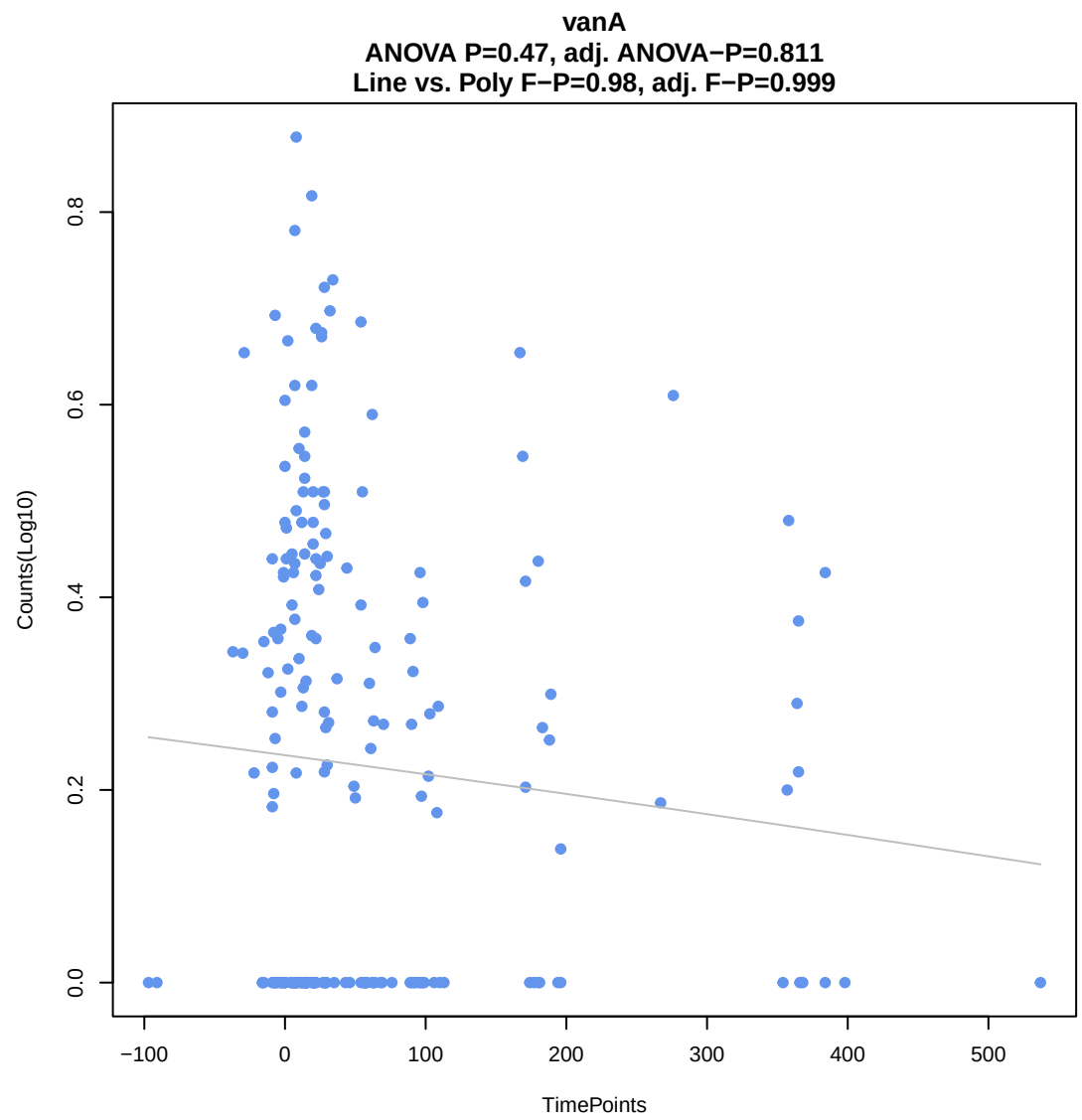

Escherichia coli mdfA
ANOVA P=0.654, adj. ANOVA−P=0.863
Line vs. Poly F−P=0.921, adj. F−P=0.995
Counts(Log10)
TimePoints

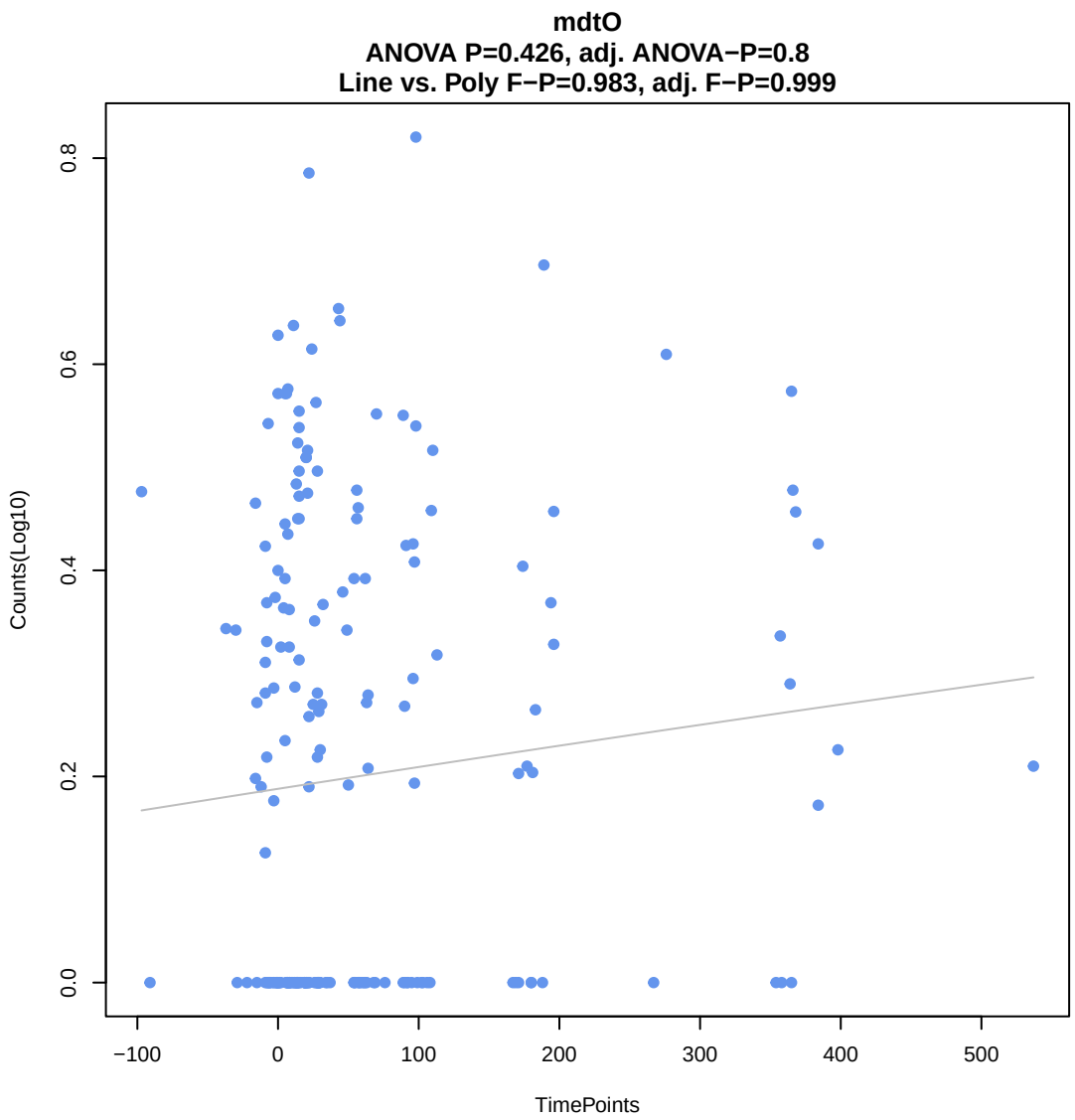

baeS
ANOVA P=0.16, adj. ANOVA−P=0.715
Line vs. Poly F−P=0.938, adj. F−P=0.999
Counts(Log10)
TimePoints

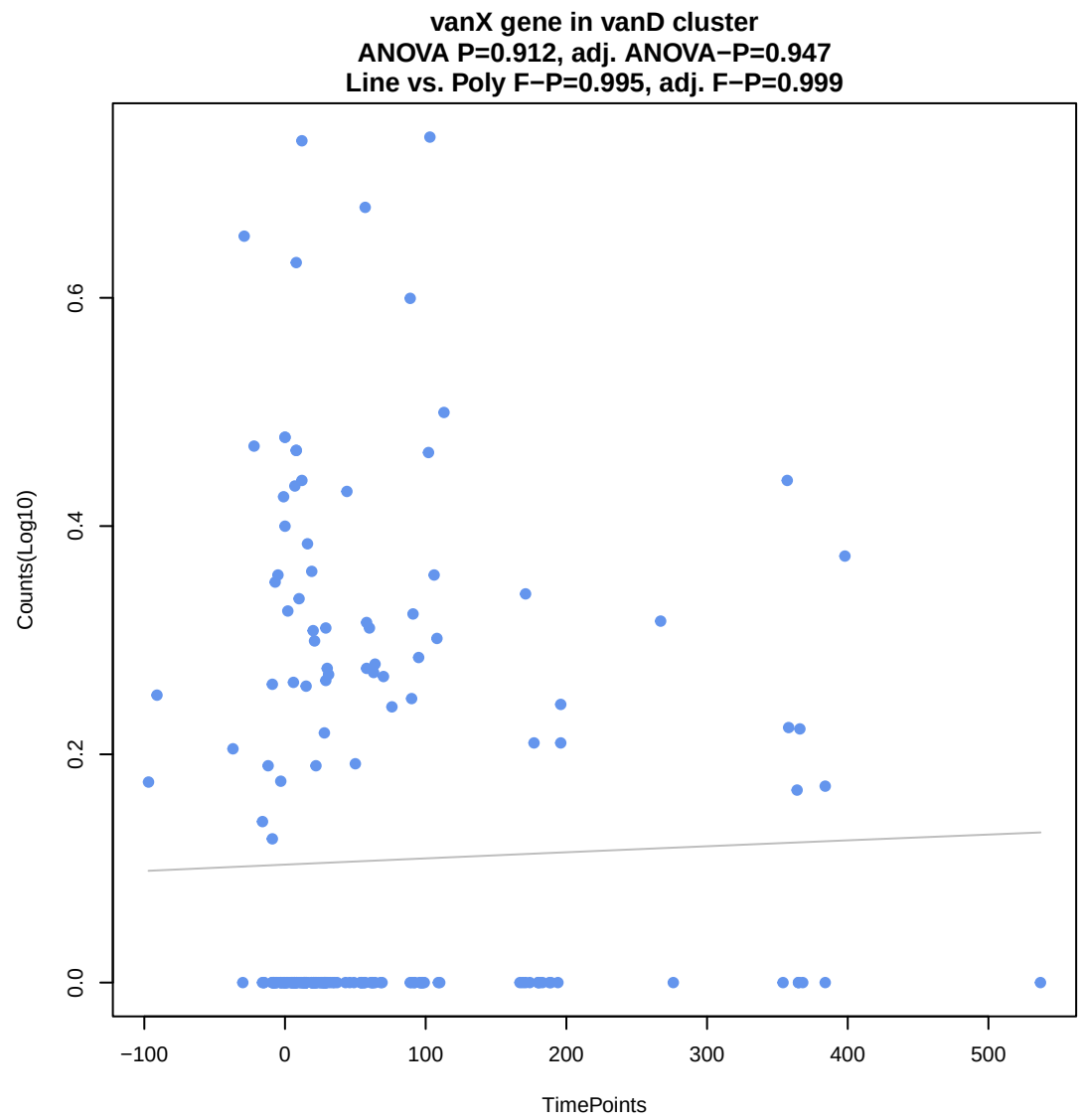

cpxA
ANOVA P=0.515, adj. ANOVA−P=0.816
Line vs. Poly F−P=0.947, adj. F−P=0.999
Counts(Log10)
TimePoints

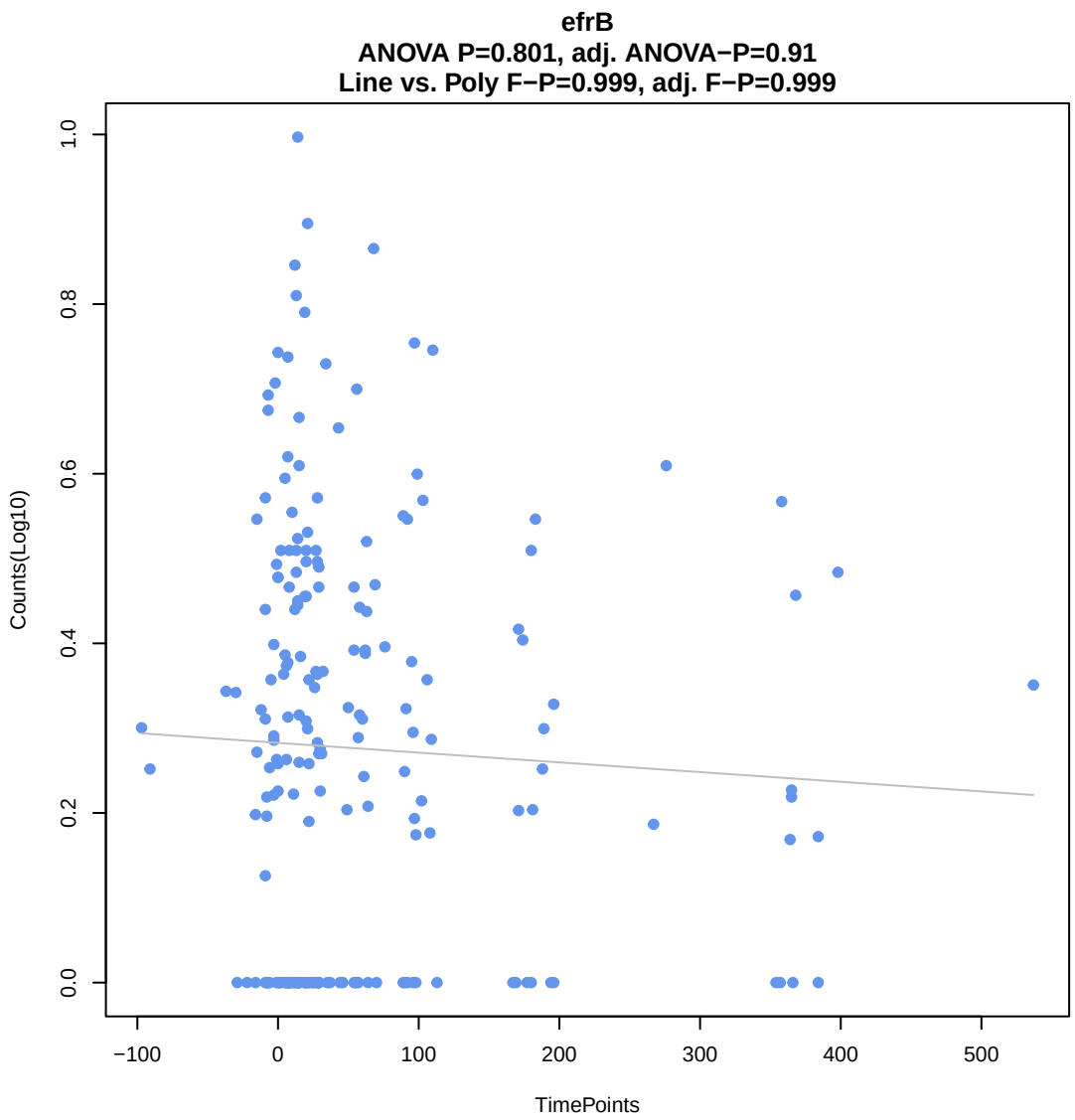

tet(W/N/W)
ANOVA P=0.678, adj. ANOVA−P=0.864
Line vs. Poly F−P=0.956, adj. F−P=0.999
Counts(Log10)
TimePoints


acrB
ANOVA P=0.387, adj. ANOVA−P=0.8
Line vs. Poly F−P=0.97, adj. F−P=0.999
Counts(Log10)
0.0
0.2
0.4
0.6
0.8
−100
0
100
200
300
400
500
TimePoints


vanA
ANOVA P=0.47, adj. ANOVA−P=0.811
Line vs. Poly F−P=0.98, adj. F−P=0.999
Counts(Log10)
0.0
0.2
0.4
0.6
0.8
−100
0
100
200
300
400
500
TimePoints


mdtO
ANOVA P=0.426, adj. ANOVA−P=0.8
Line vs. Poly F−P=0.983, adj. F−P=0.999
Counts(Log10)
0.0
0.2
0.4
0.6
0.8
−100
0
100
200
300
400
500
TimePoints


vanX gene in vanD cluster
ANOVA P=0.912, adj. ANOVA−P=0.947
Line vs. Poly F−P=0.995, adj. F−P=0.999
Counts(Log10)
0.0
0.2
0.4
0.6
−100
0
100
200
300
400
500
TimePoints


efrB
ANOVA P=0.801, adj. ANOVA−P=0.91
Line vs. Poly F−P=0.999, adj. F−P=0.999
Counts(Log10)
0.0
0.2
0.4
0.6
0.8
1.0
−100
0
100
200
300
400
500
TimePoints