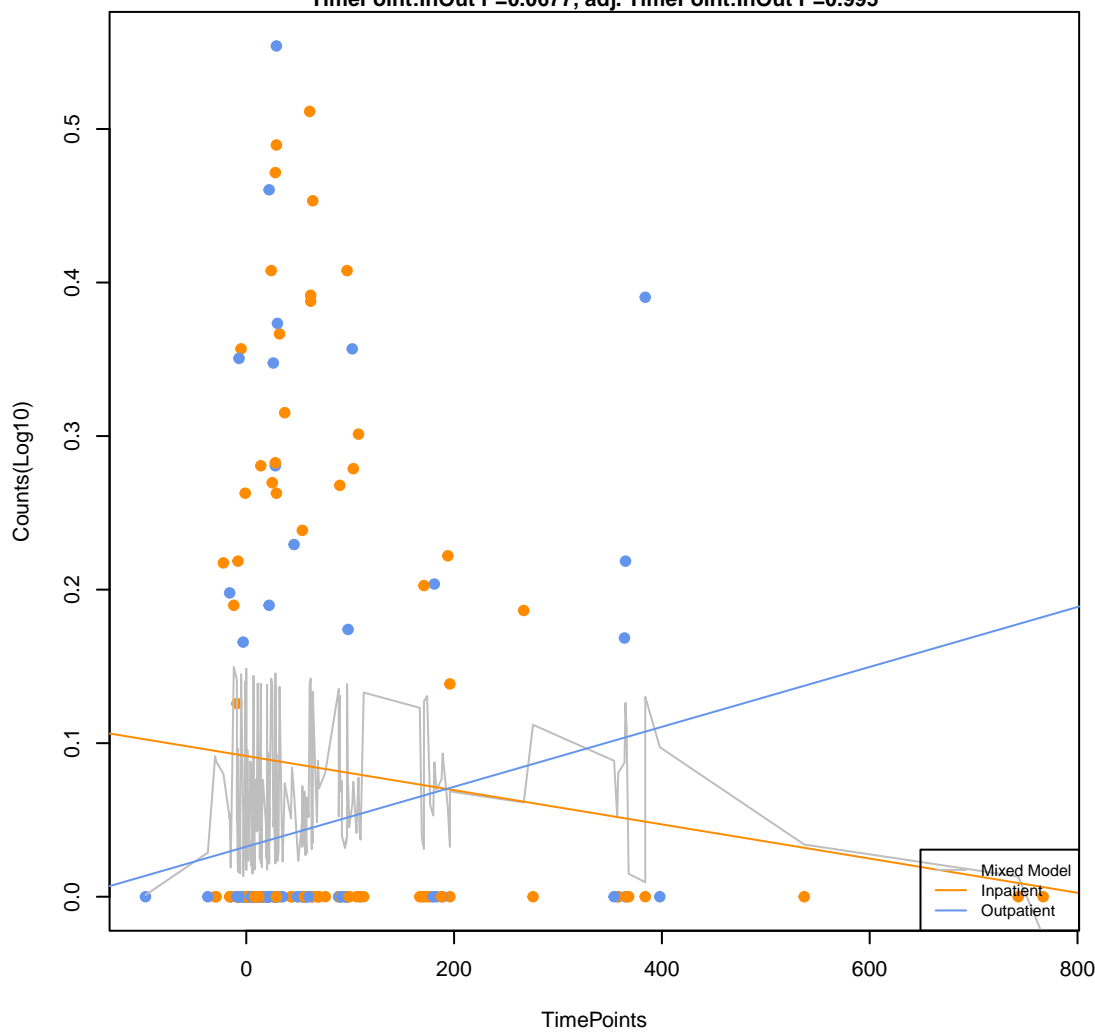
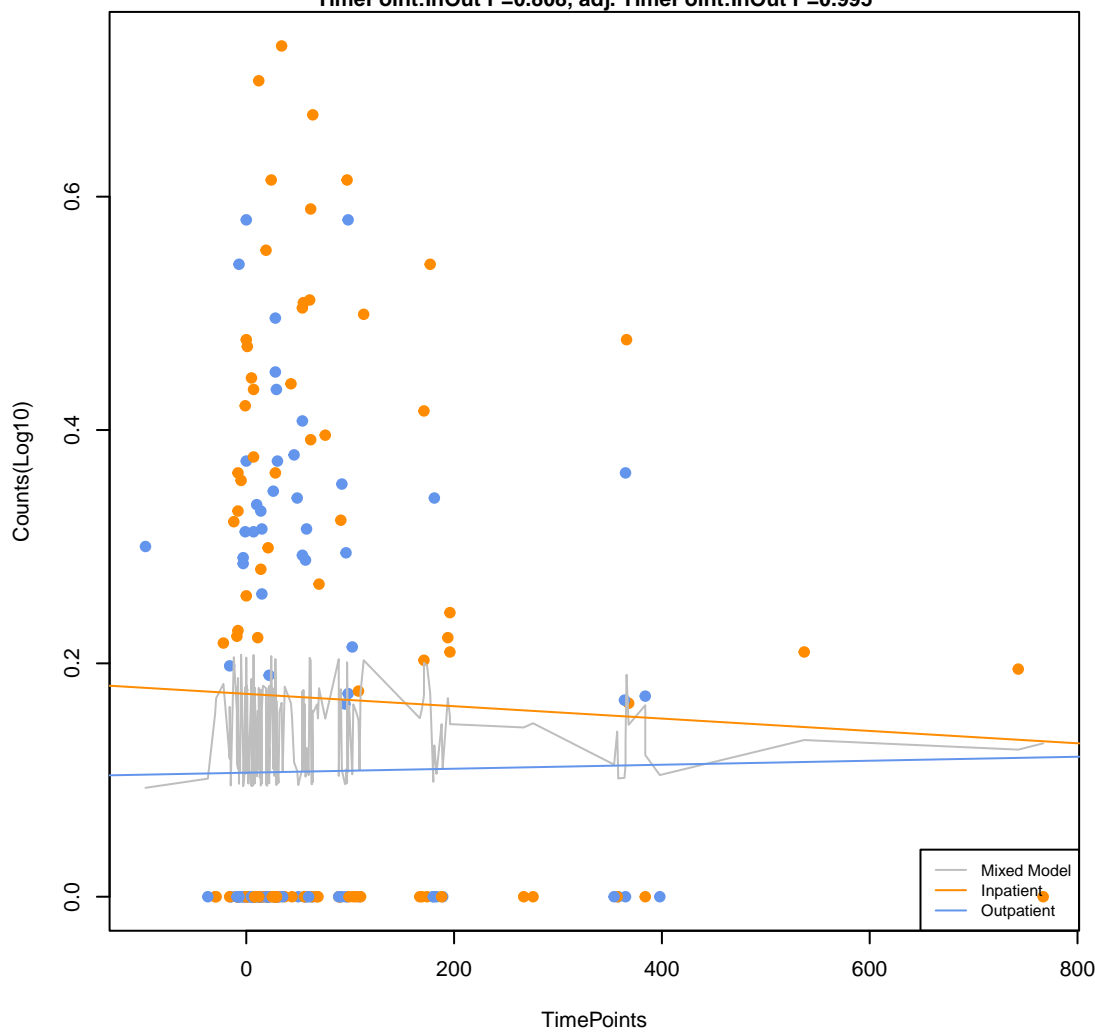


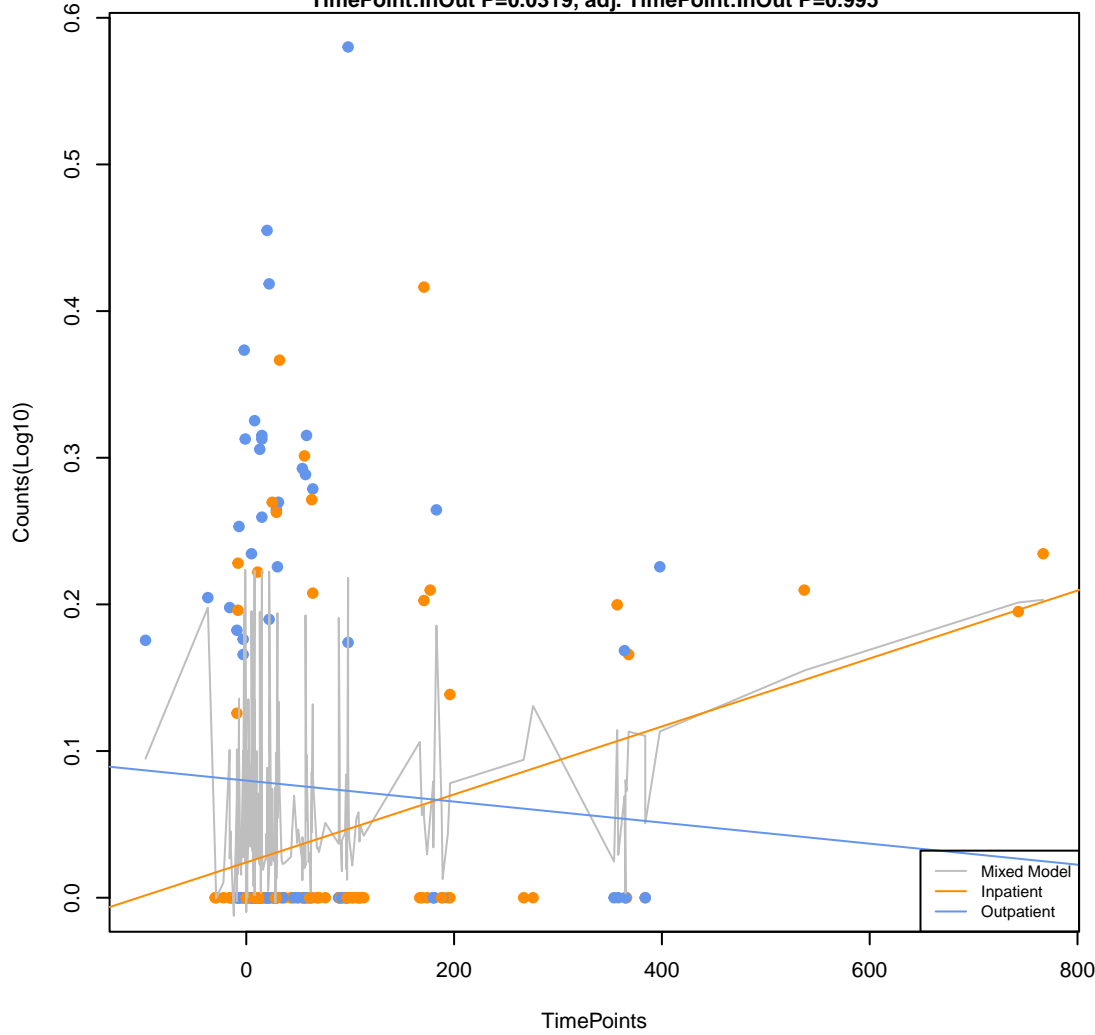
**Escherichia coli UhpT with mutation conferring resistance to fosfomycin**  
TimePoint P=0.271, adj. TimePoint P=0.691  
InOut P=0.0294, adj. InOut P=0.449  
TimePoint:InOut P=0.0677, adj. TimePoint:InOut P=0.995



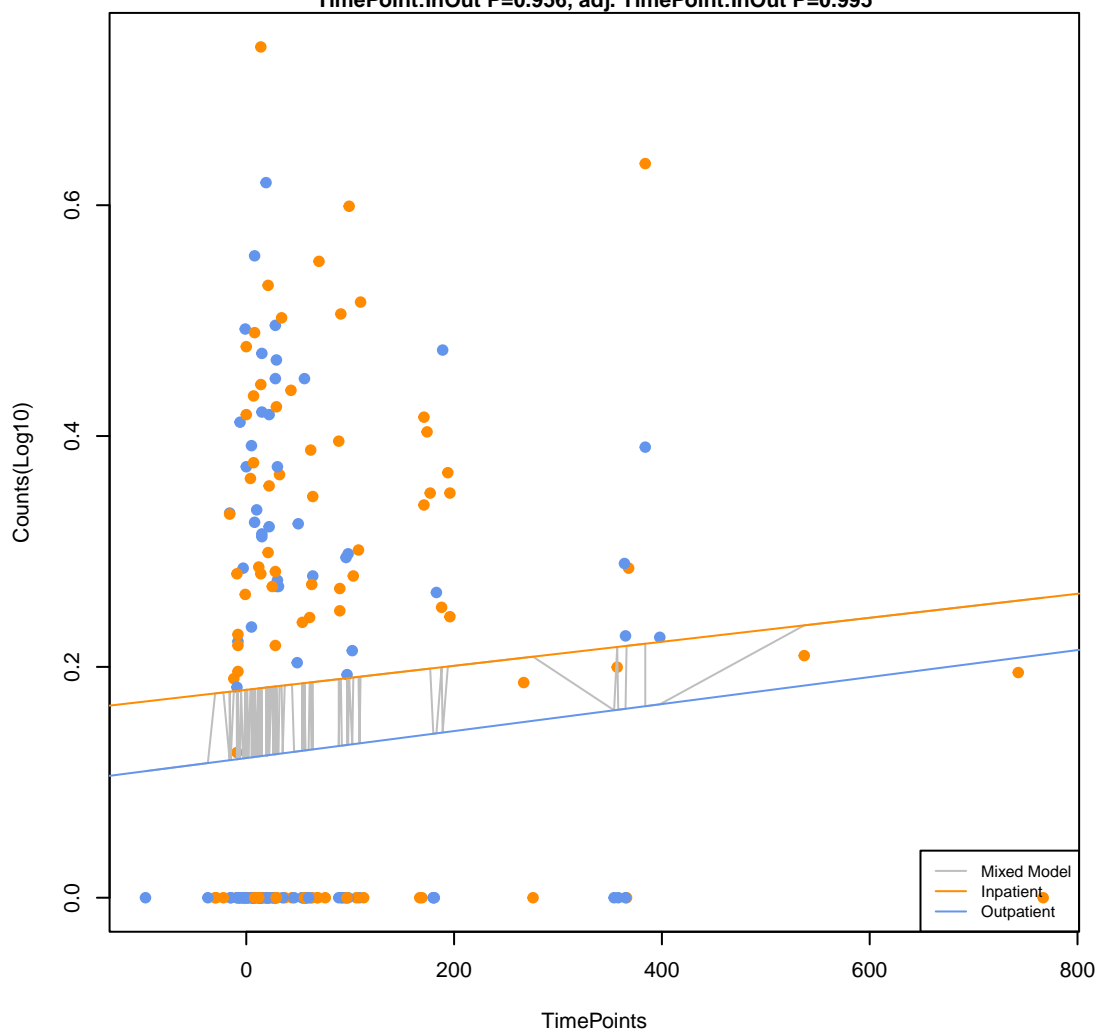
**Klebsiella pneumoniae KpnH**  
TimePoint P=0.776, adj. TimePoint P=0.941  
InOut P=0.046, adj. InOut P=0.496  
TimePoint:InOut P=0.808, adj. TimePoint:InOut P=0.995



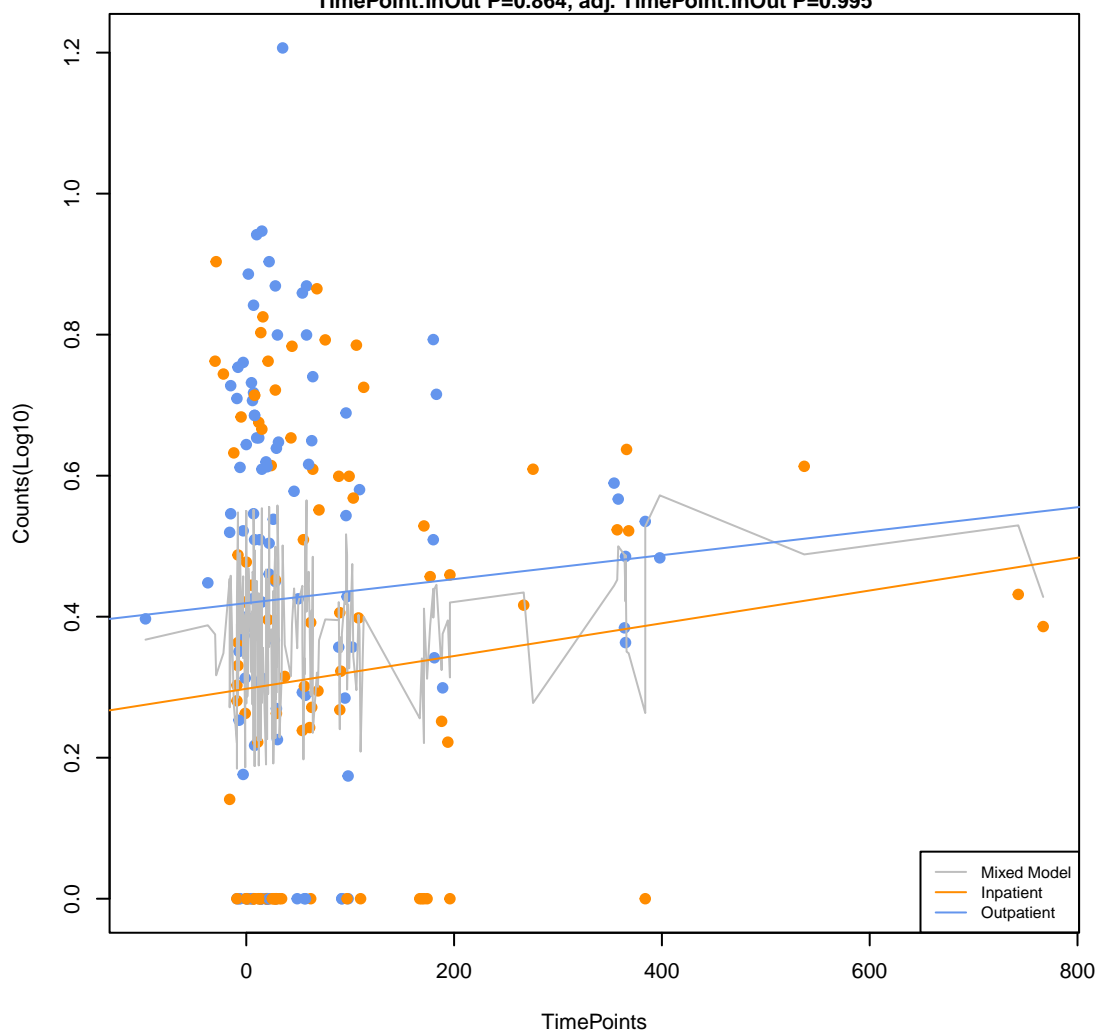
**gadW**  
TimePoint P=0.00361, adj. TimePoint P=0.129  
InOut P=0.0525, adj. InOut P=0.496  
TimePoint:InOut P=0.0319, adj. TimePoint:InOut P=0.995



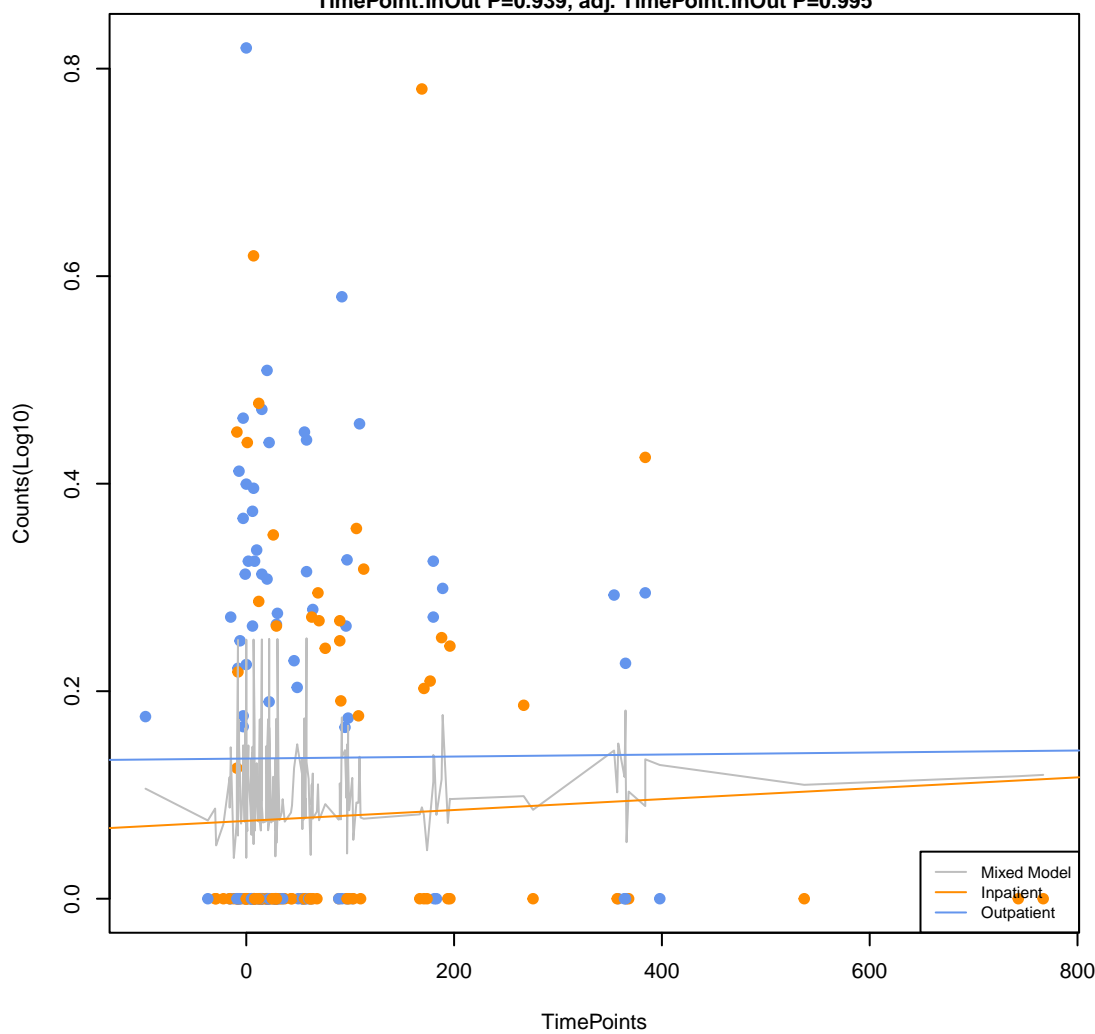
**mdtM**  
TimePoint P=0.442, adj. TimePoint P=0.851  
InOut P=0.059, adj. InOut P=0.496  
TimePoint:InOut P=0.956, adj. TimePoint:InOut P=0.995

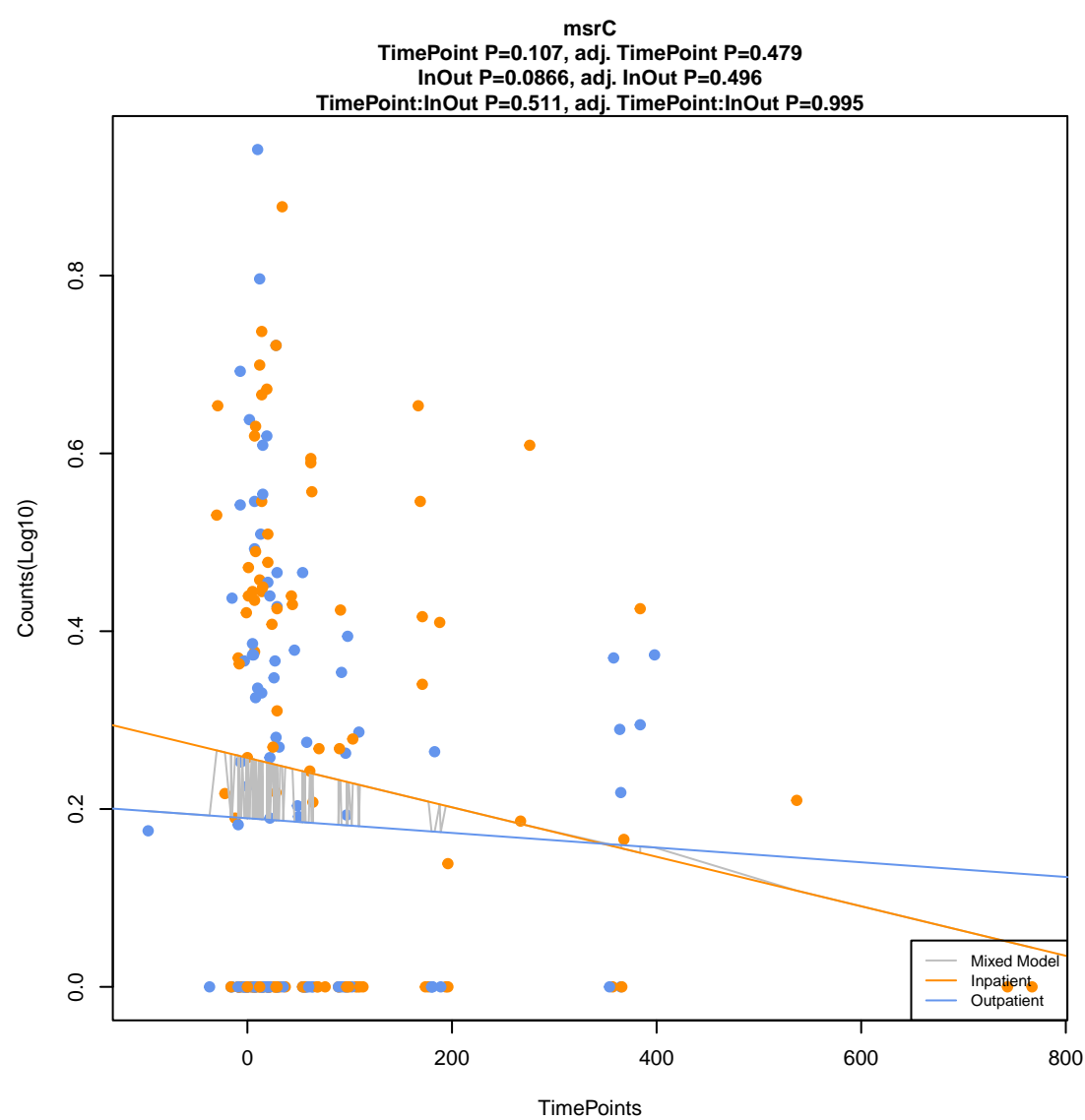
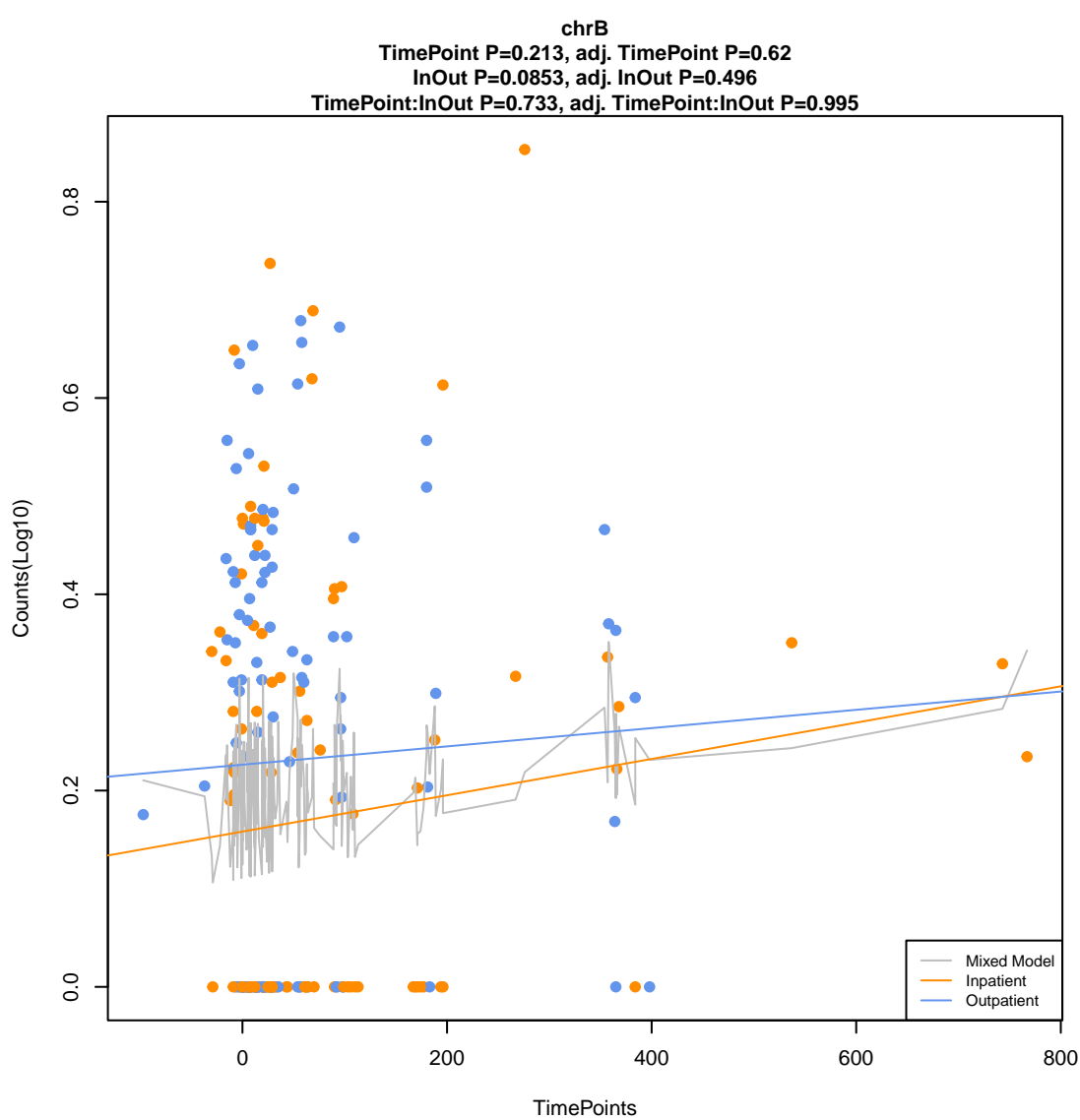
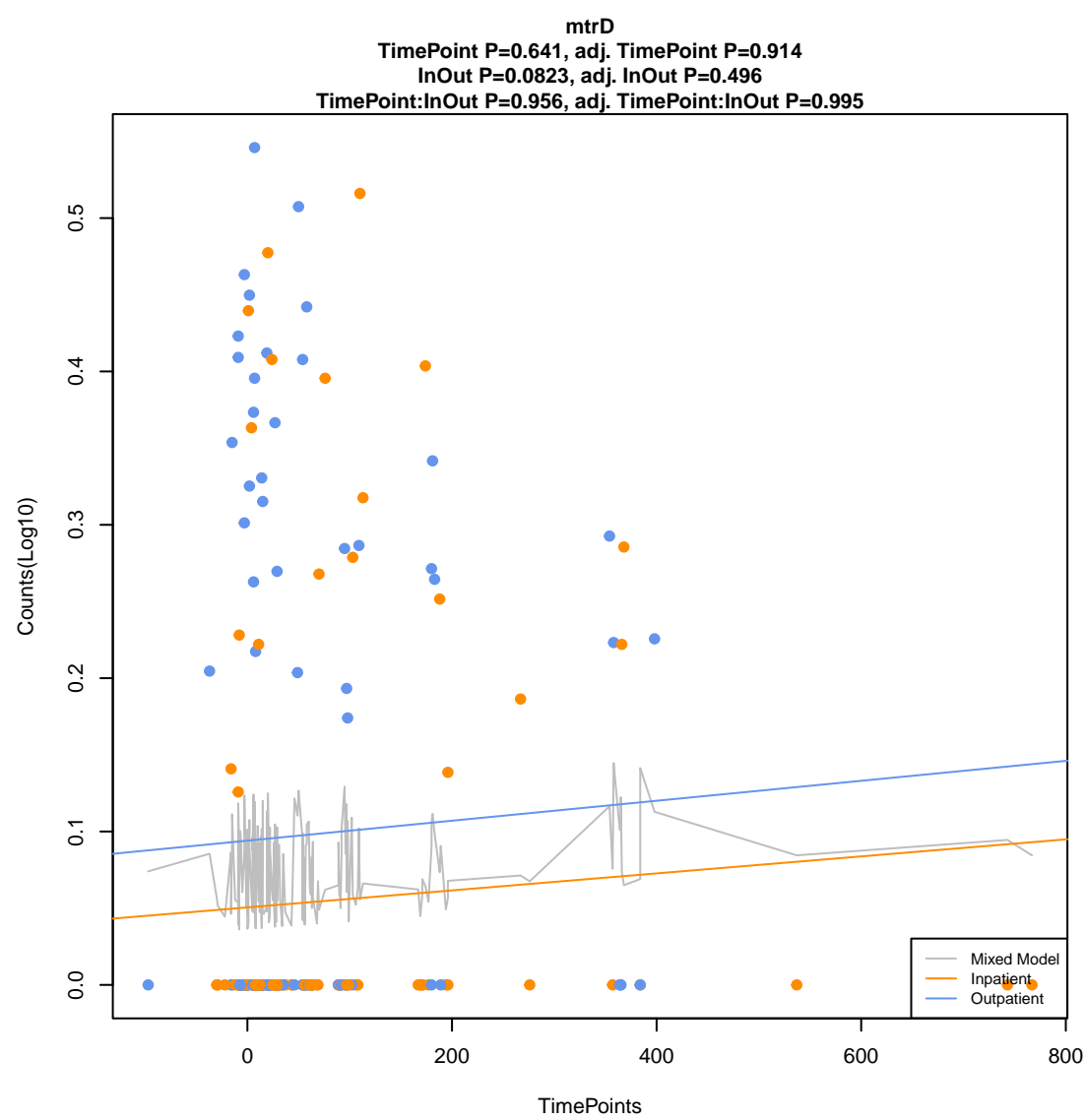
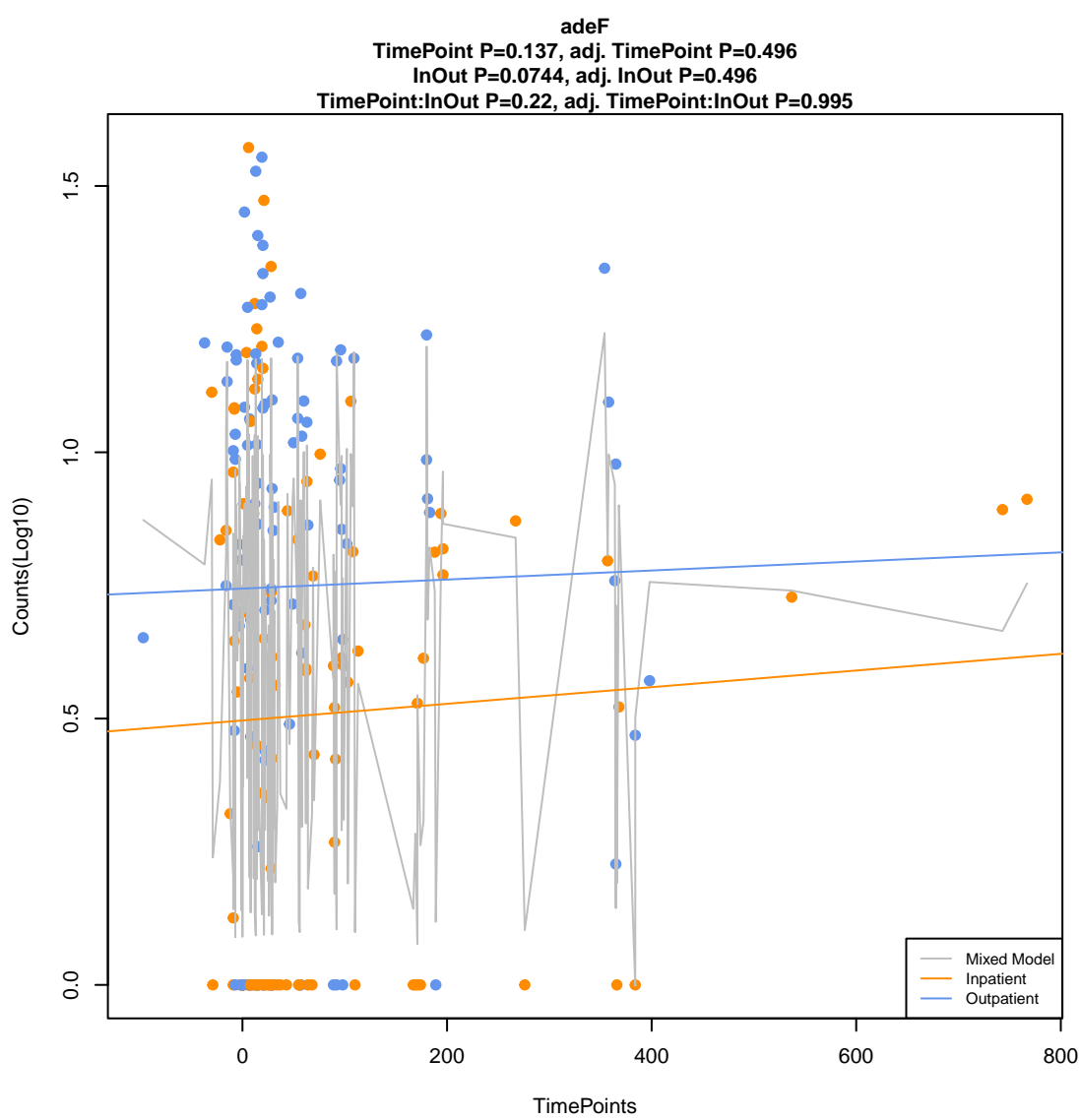
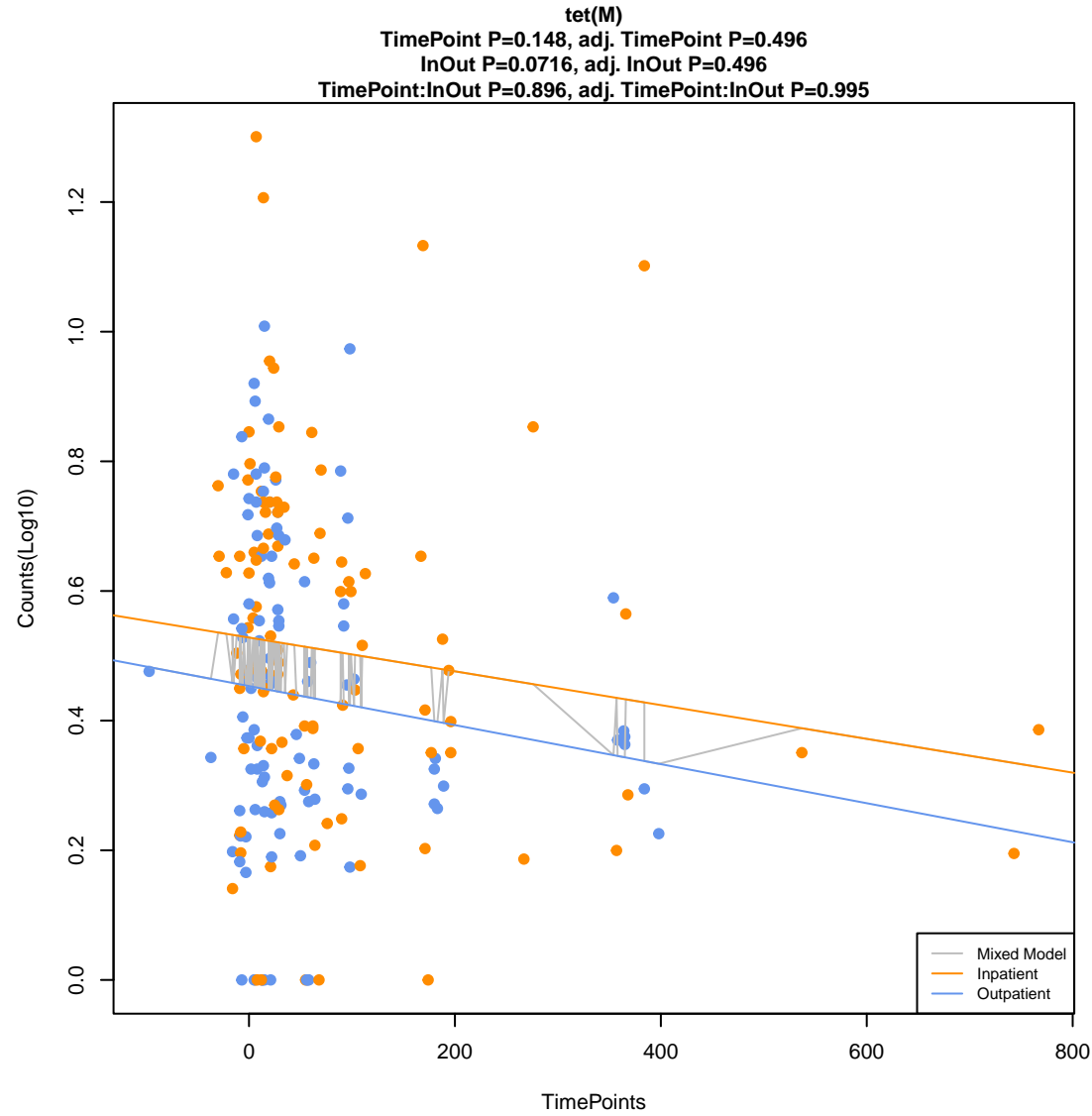
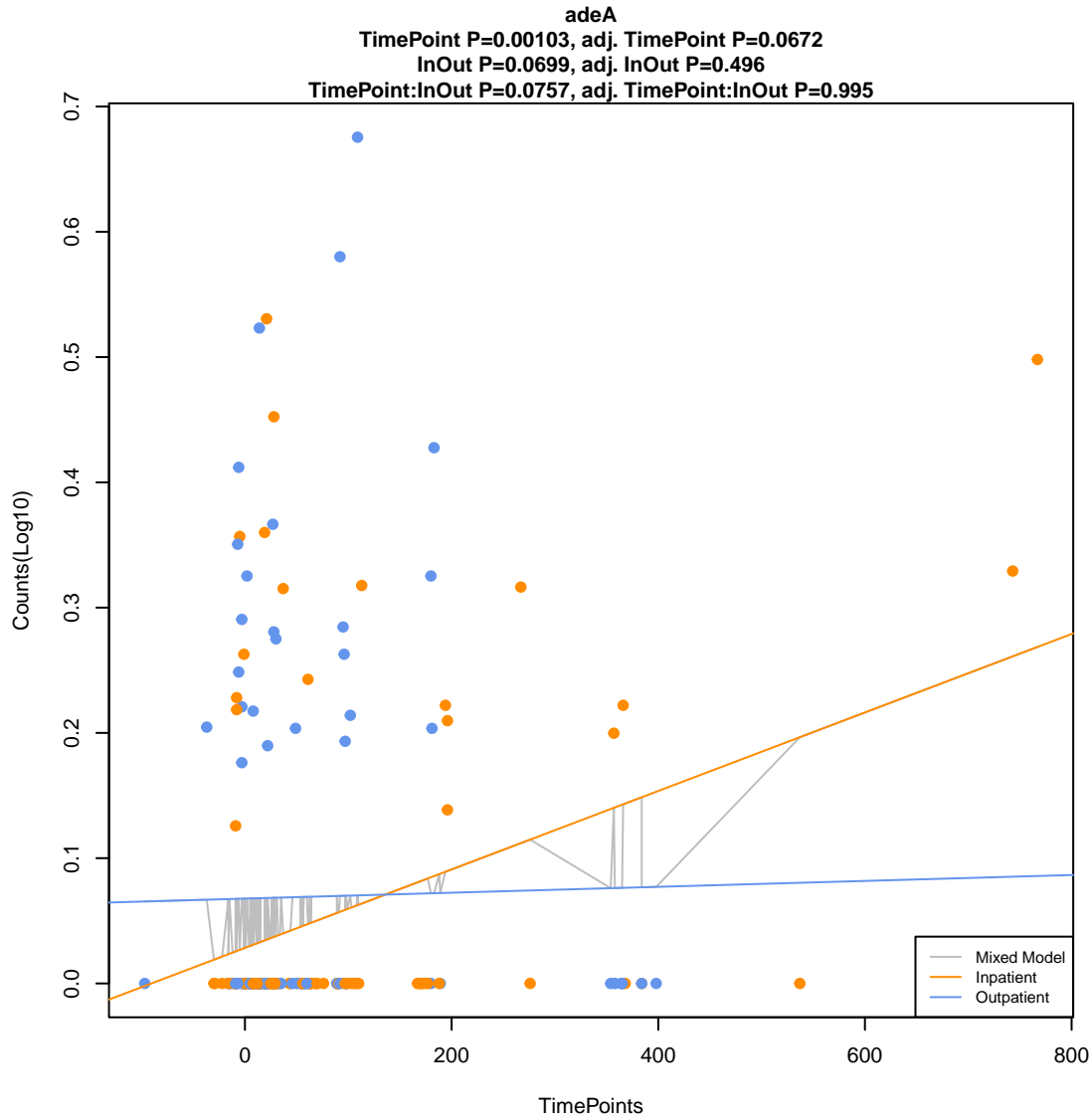


**poxA**  
TimePoint P=0.338, adj. TimePoint P=0.737  
InOut P=0.0644, adj. InOut P=0.496  
TimePoint:InOut P=0.864, adj. TimePoint:InOut P=0.995



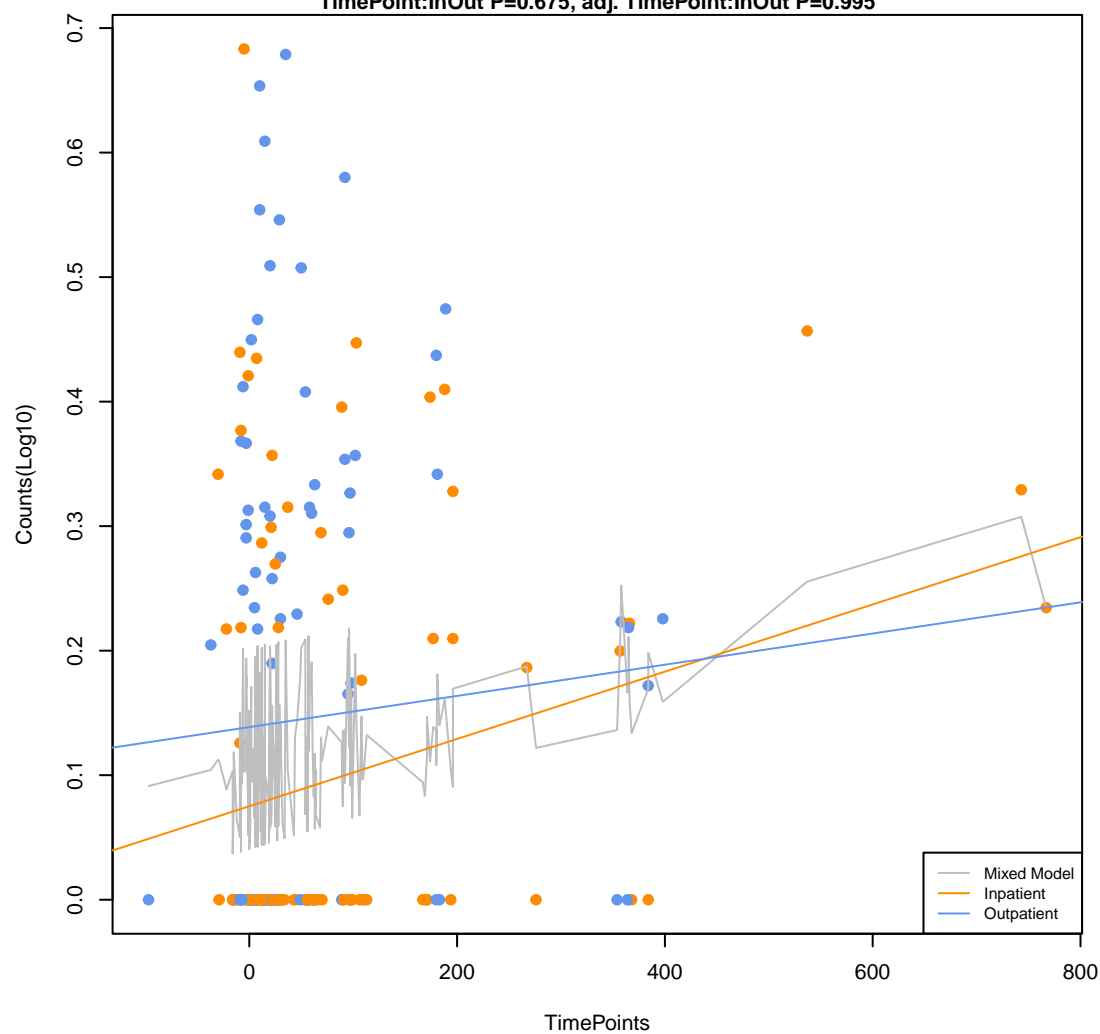
**farB**  
TimePoint P=0.738, adj. TimePoint P=0.94  
InOut P=0.065, adj. InOut P=0.496  
TimePoint:InOut P=0.939, adj. TimePoint:InOut P=0.995





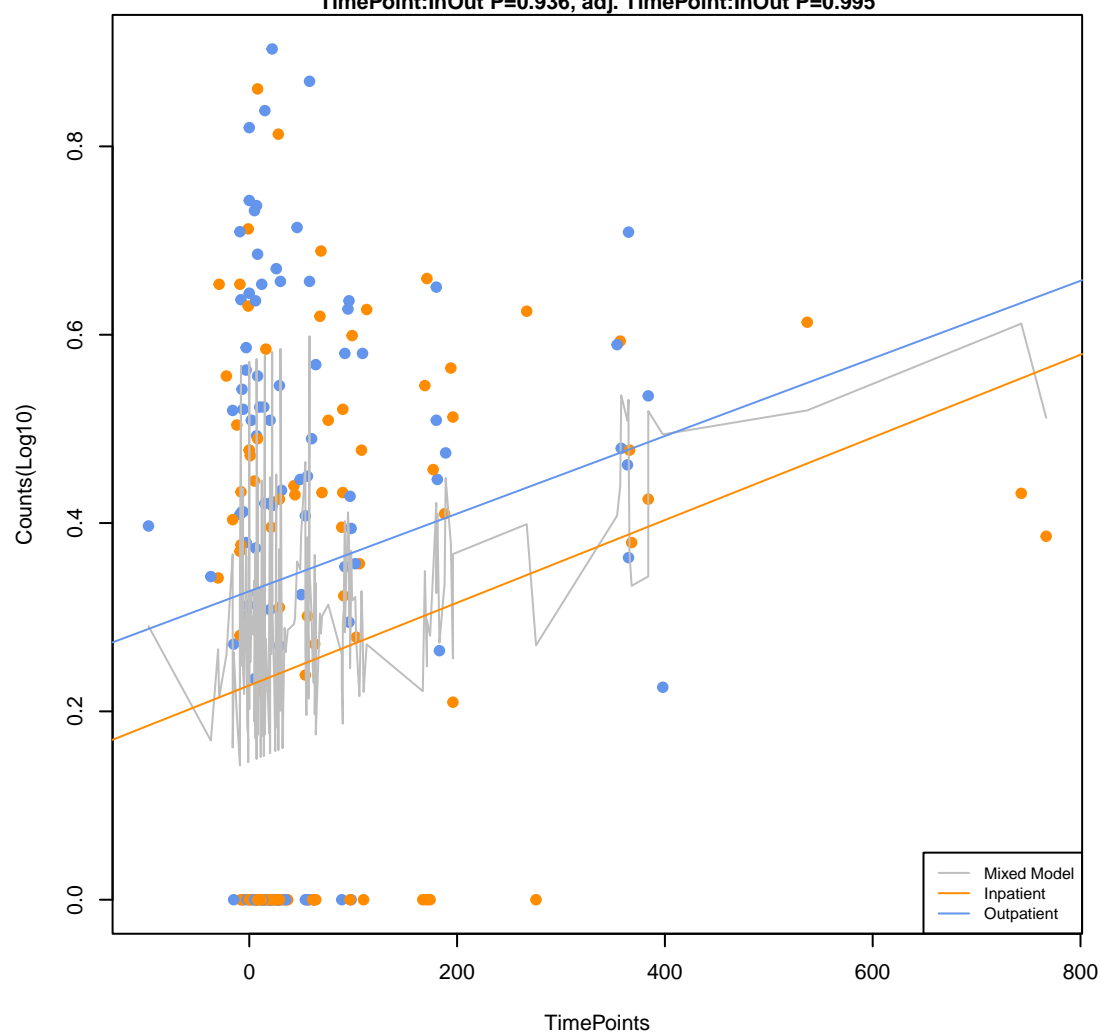
myrA

TimePoint P=0.045, adj. TimePoint P=0.306  
InOut P=0.0881, adj. InOut P=0.496  
TimePoint:InOut P=0.675, adj. TimePoint:InOut P=0.995



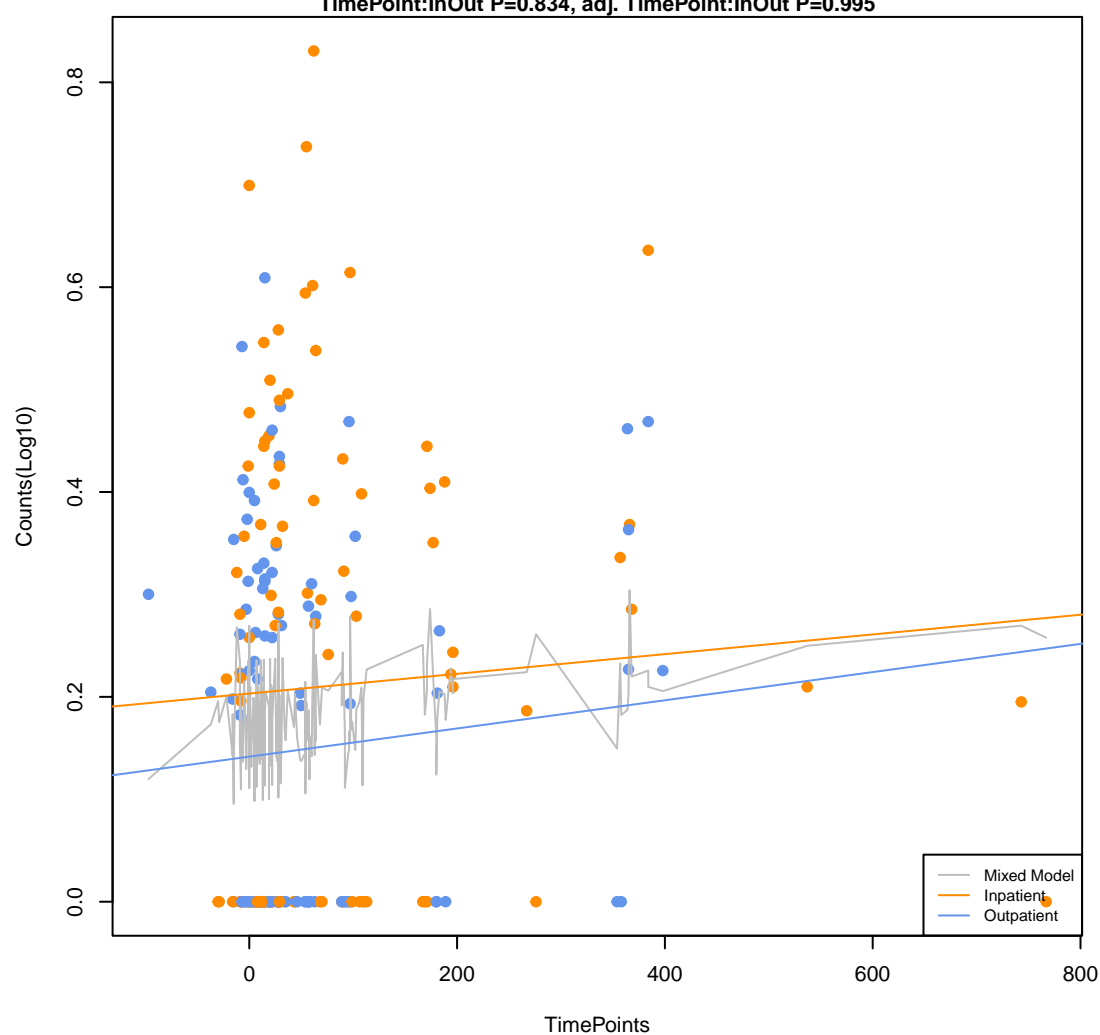
tet(36)

TimePoint P=0.0155, adj. TimePoint P=0.205  
InOut P=0.0995, adj. InOut P=0.528  
TimePoint:InOut P=0.936, adj. TimePoint:InOut P=0.995



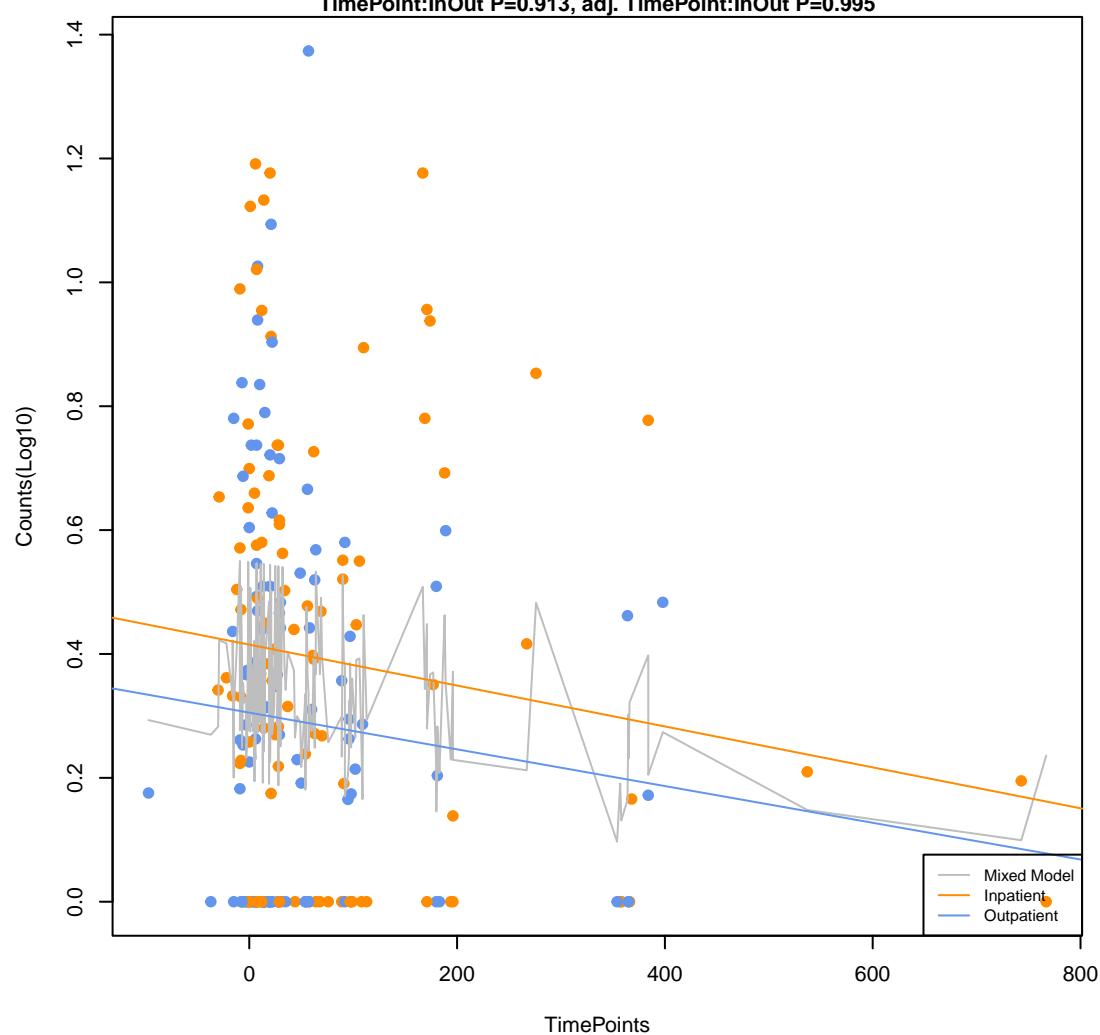
baeR

TimePoint P=0.506, adj. TimePoint P=0.867  
InOut P=0.104, adj. InOut P=0.528  
TimePoint:InOut P=0.834, adj. TimePoint:InOut P=0.995



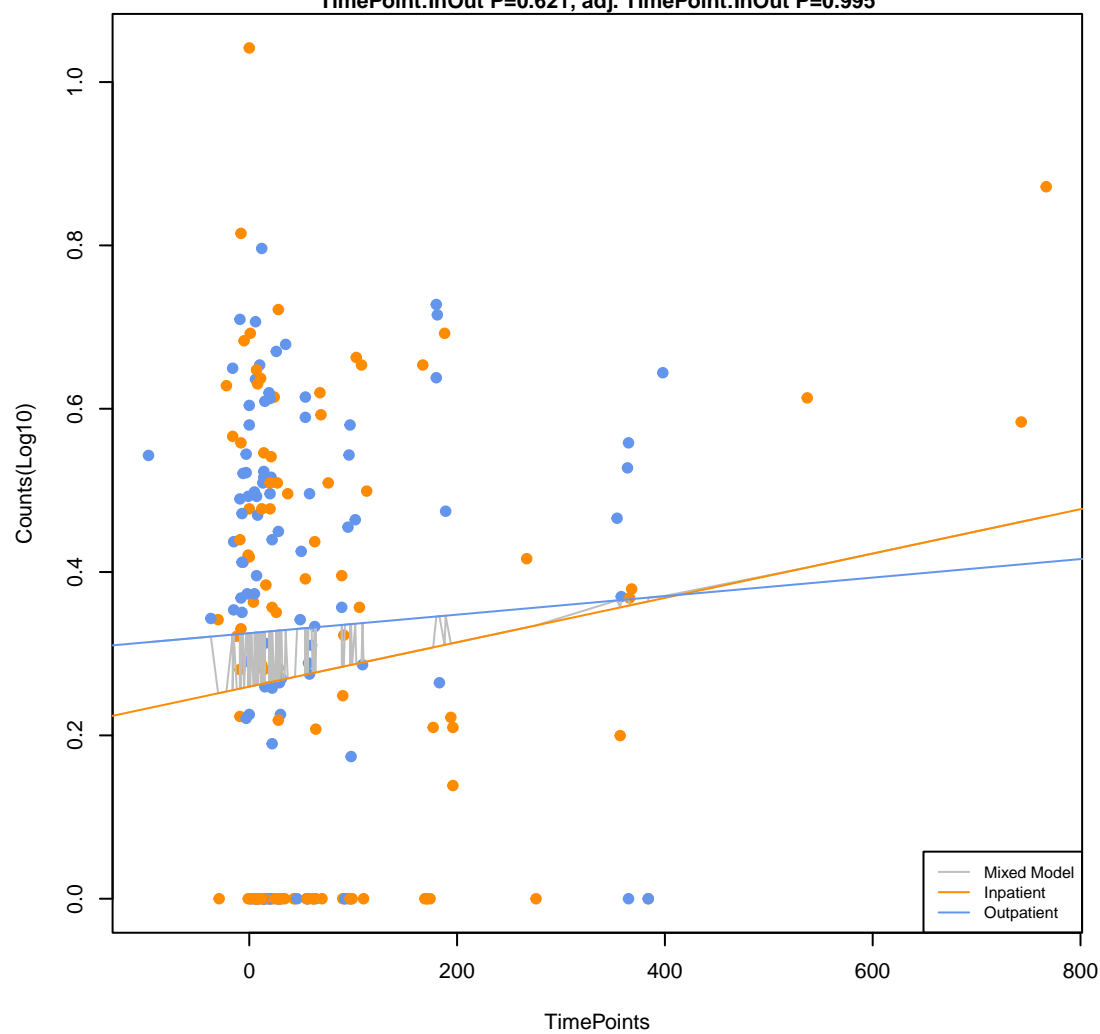
ImrD

TimePoint P=0.304, adj. TimePoint P=0.716  
InOut P=0.117, adj. InOut P=0.539  
TimePoint:InOut P=0.913, adj. TimePoint:InOut P=0.995



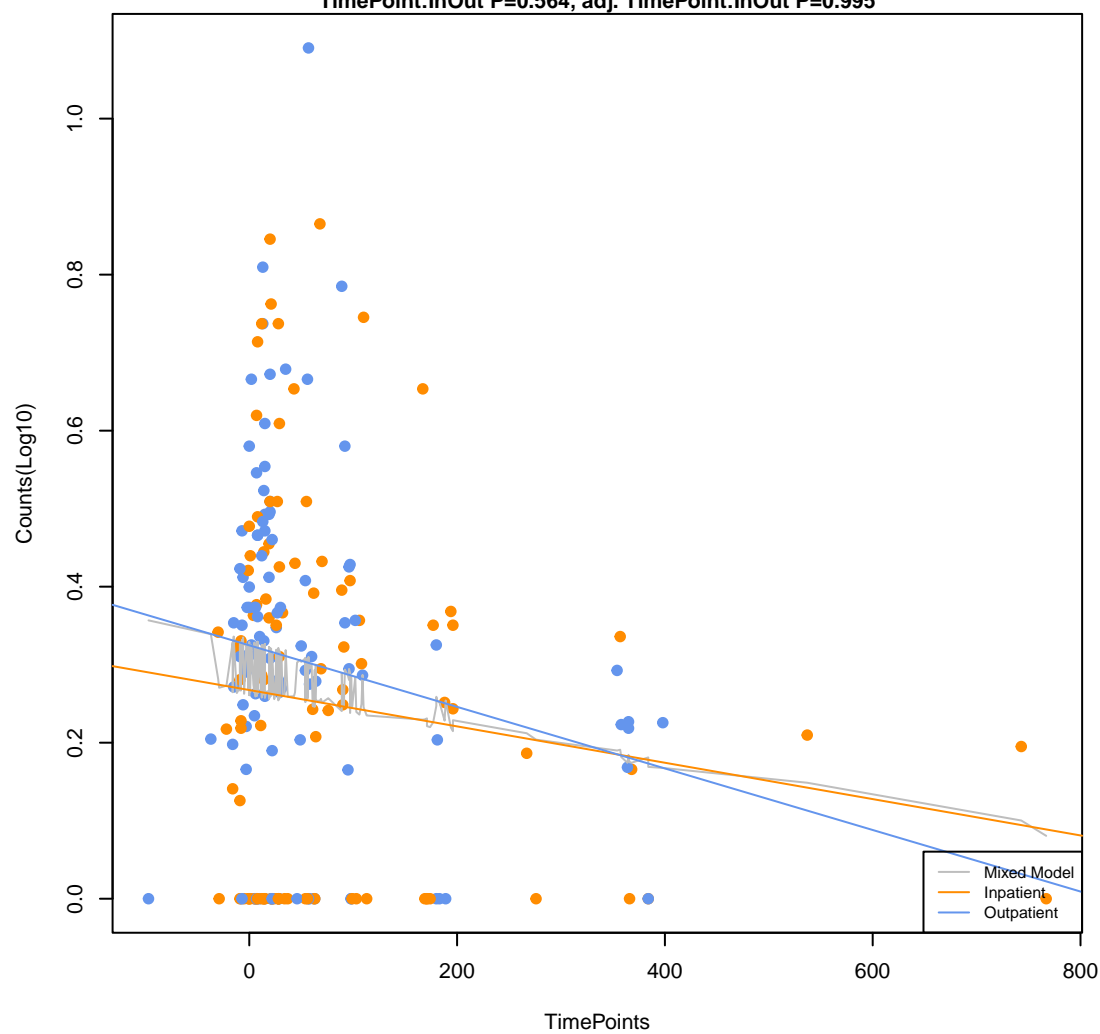
BlaB-16

TimePoint P=0.144, adj. TimePoint P=0.496  
InOut P=0.123, adj. InOut P=0.539  
TimePoint:InOut P=0.621, adj. TimePoint:InOut P=0.995



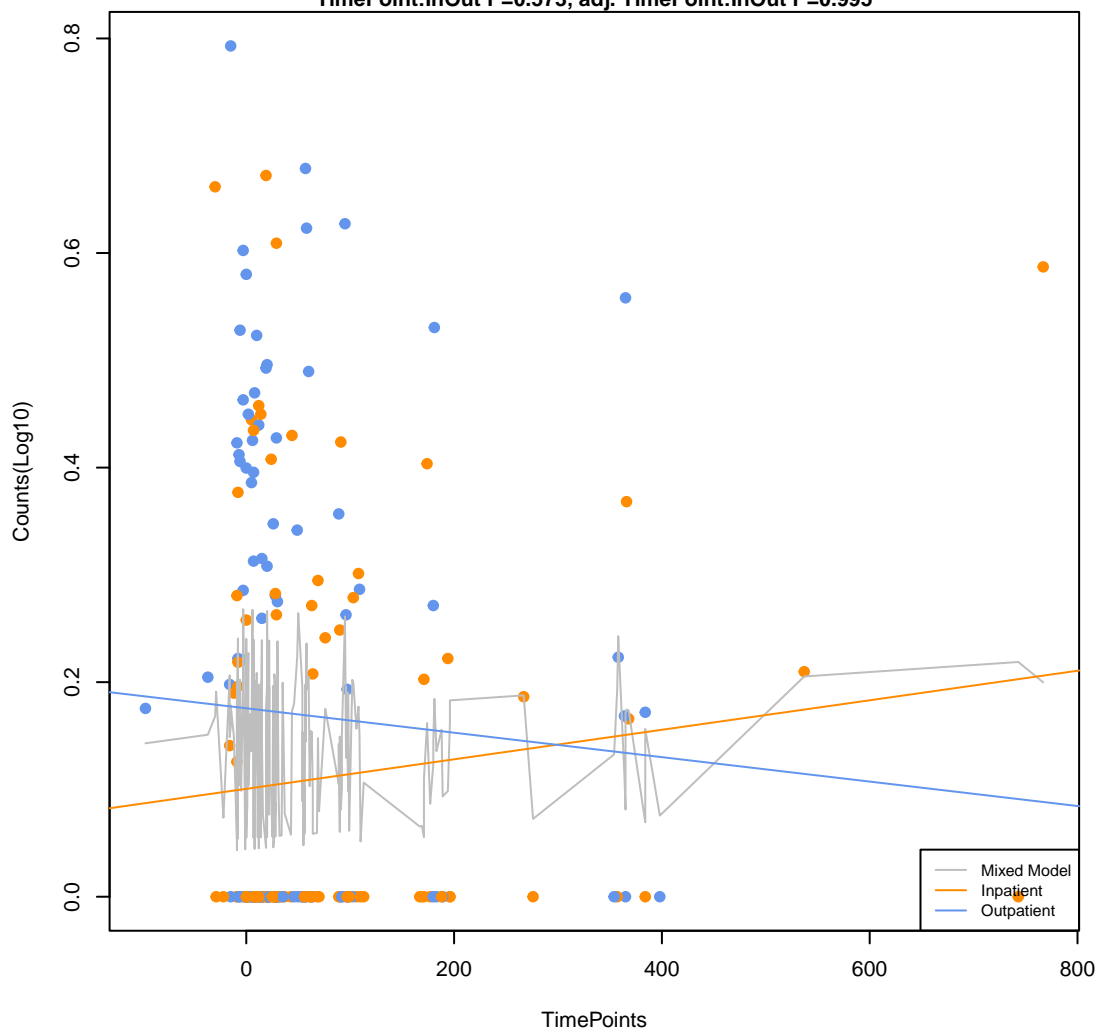
ErmF

TimePoint P=0.147, adj. TimePoint P=0.496  
InOut P=0.126, adj. InOut P=0.539  
TimePoint:InOut P=0.564, adj. TimePoint:InOut P=0.995



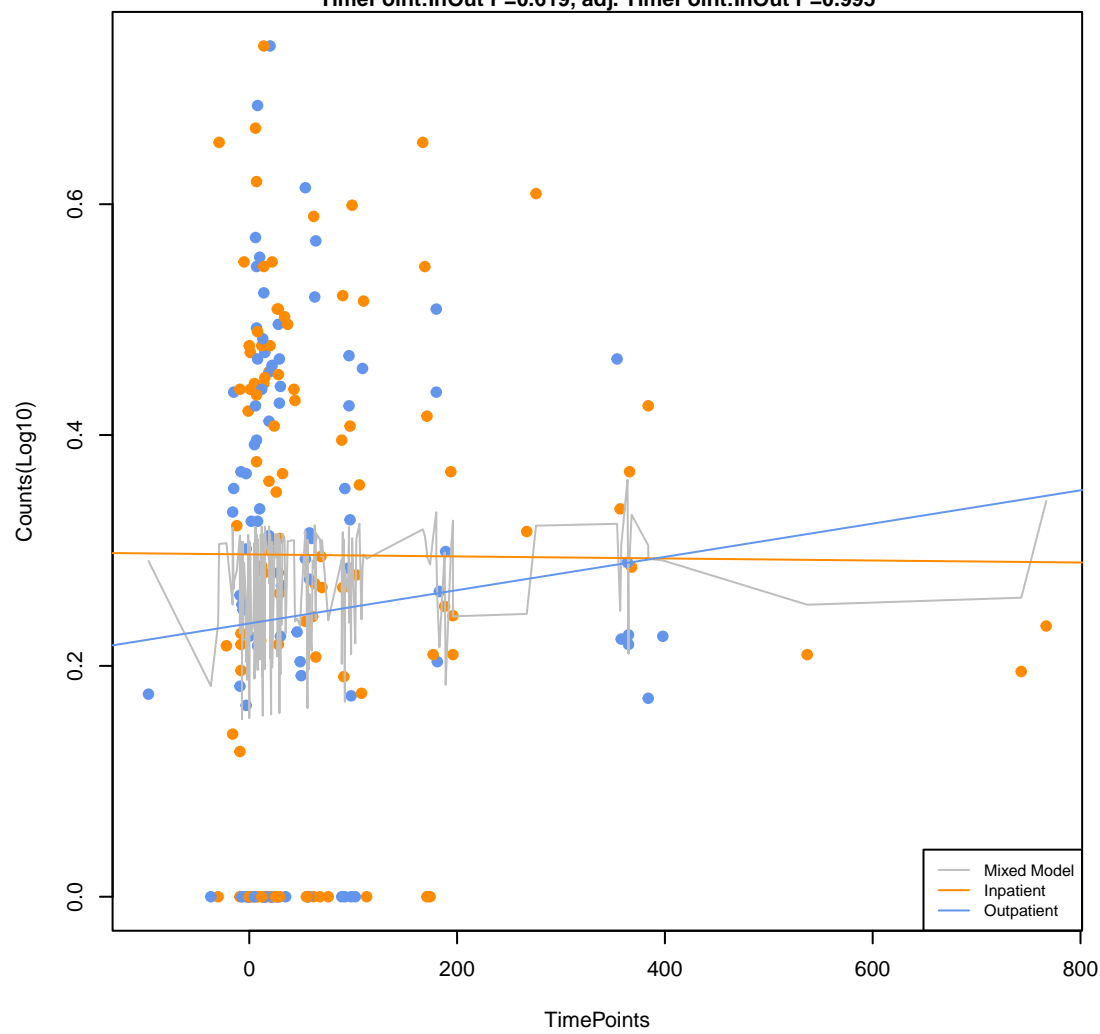
PDC-402

TimePoint P=0.642, adj. TimePoint P=0.914  
InOut P=0.126, adj. InOut P=0.539  
TimePoint:InOut P=0.573, adj. TimePoint:InOut P=0.995



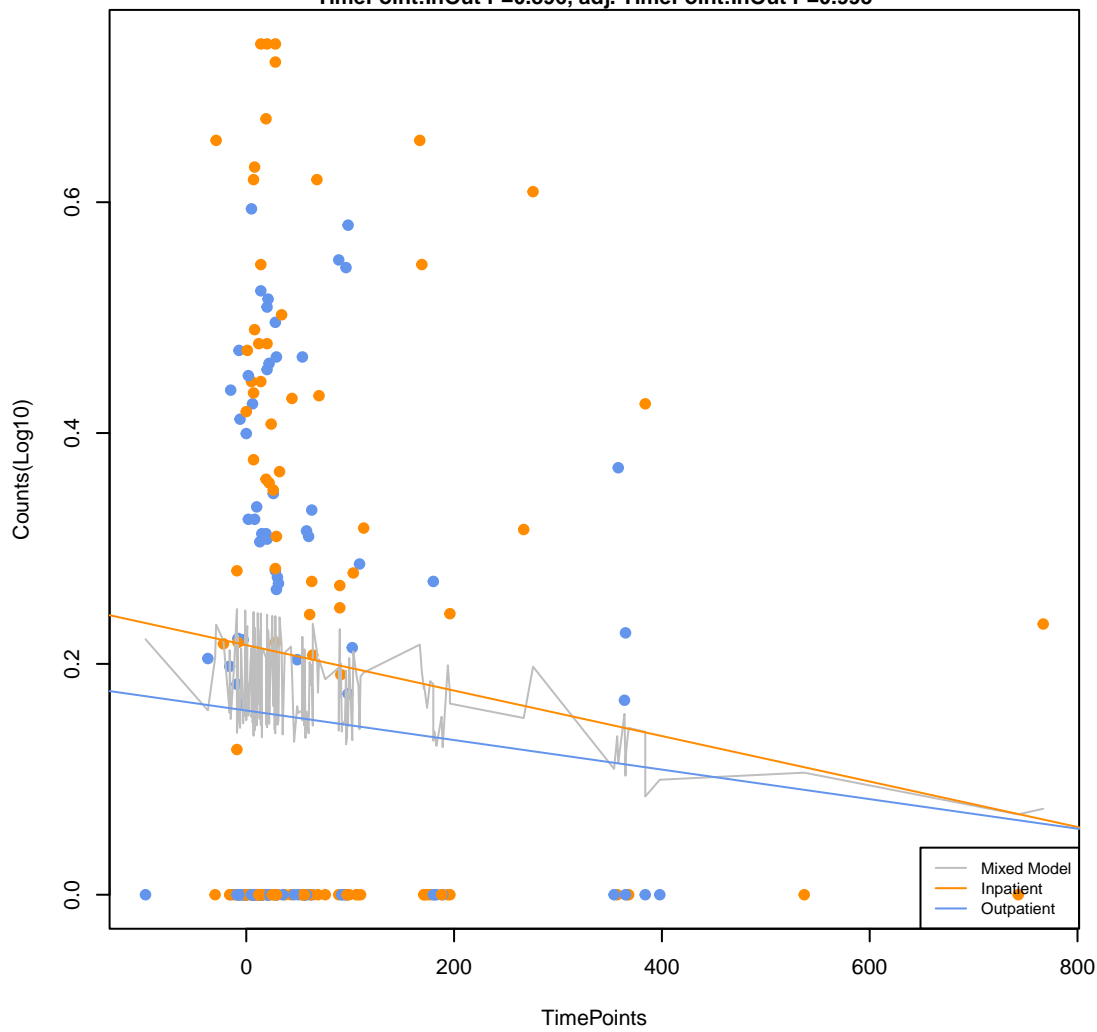
SAT-4

TimePoint P=0.838, adj. TimePoint P=0.944  
InOut P=0.137, adj. InOut P=0.564  
TimePoint:InOut P=0.619, adj. TimePoint:InOut P=0.995



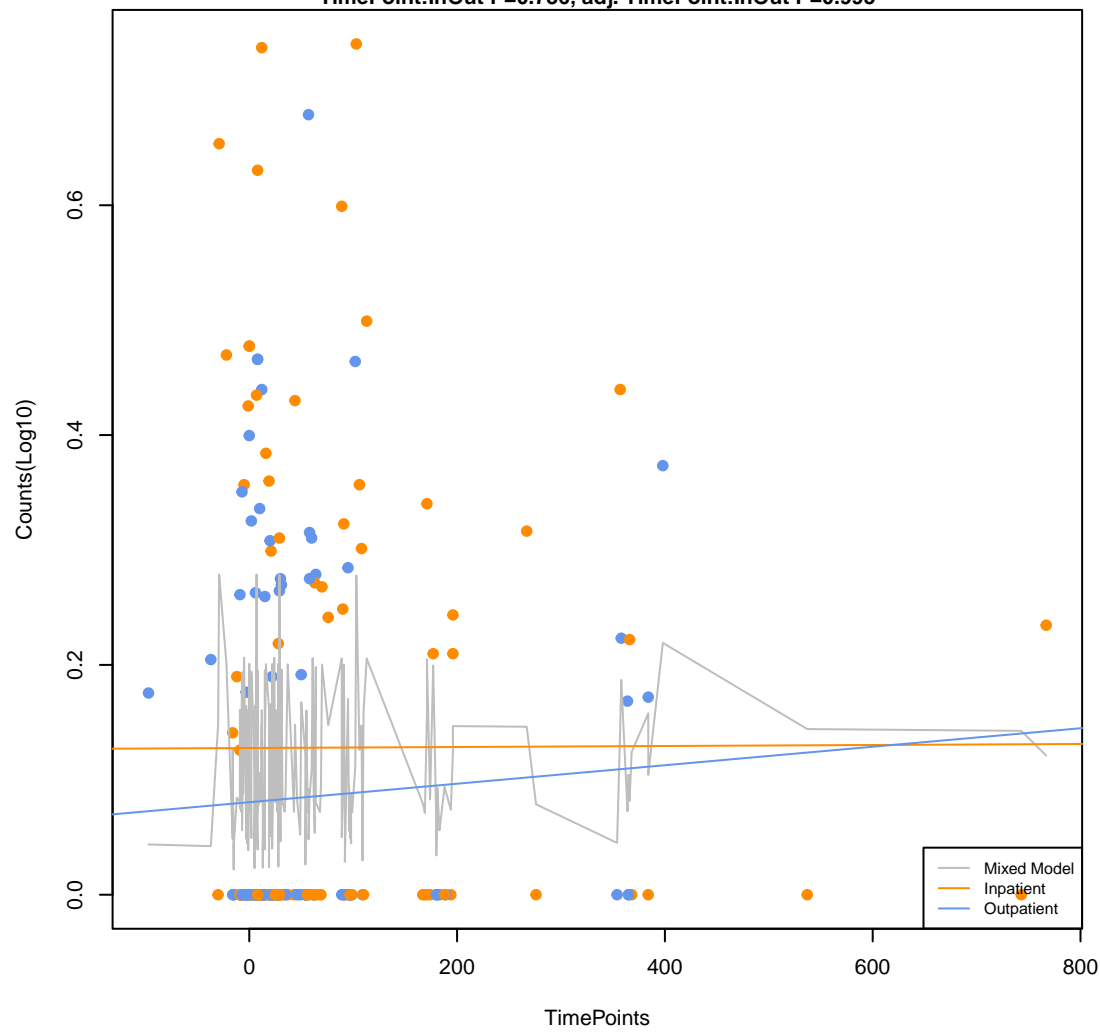
vanX gene in vanA cluster

TimePoint P=0.263, adj. TimePoint P=0.691  
InOut P=0.147, adj. InOut P=0.582  
TimePoint:InOut P=0.896, adj. TimePoint:InOut P=0.995



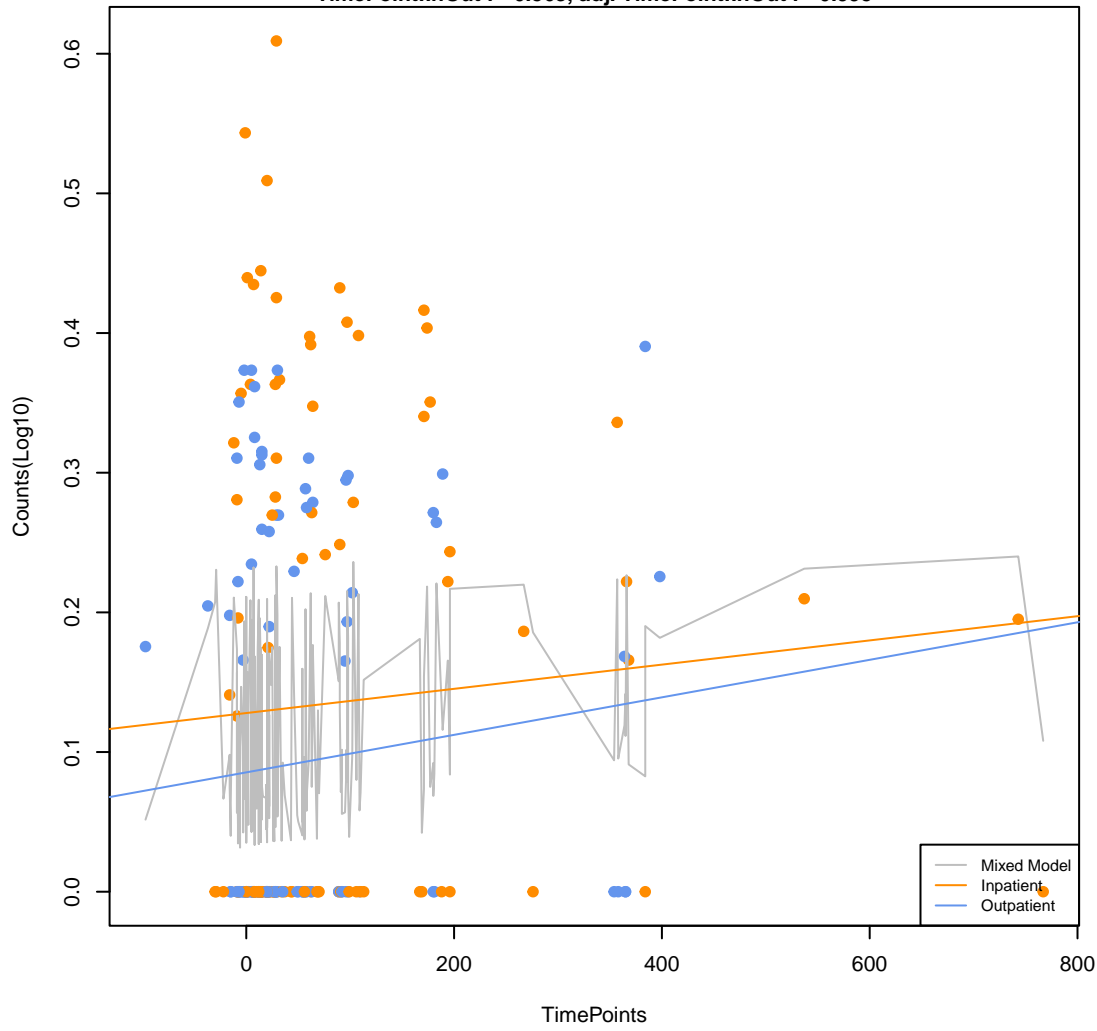
vanX gene in vanD cluster

TimePoint P=0.951, adj. TimePoint P=0.988  
InOut P=0.152, adj. InOut P=0.582  
TimePoint:InOut P=0.736, adj. TimePoint:InOut P=0.995



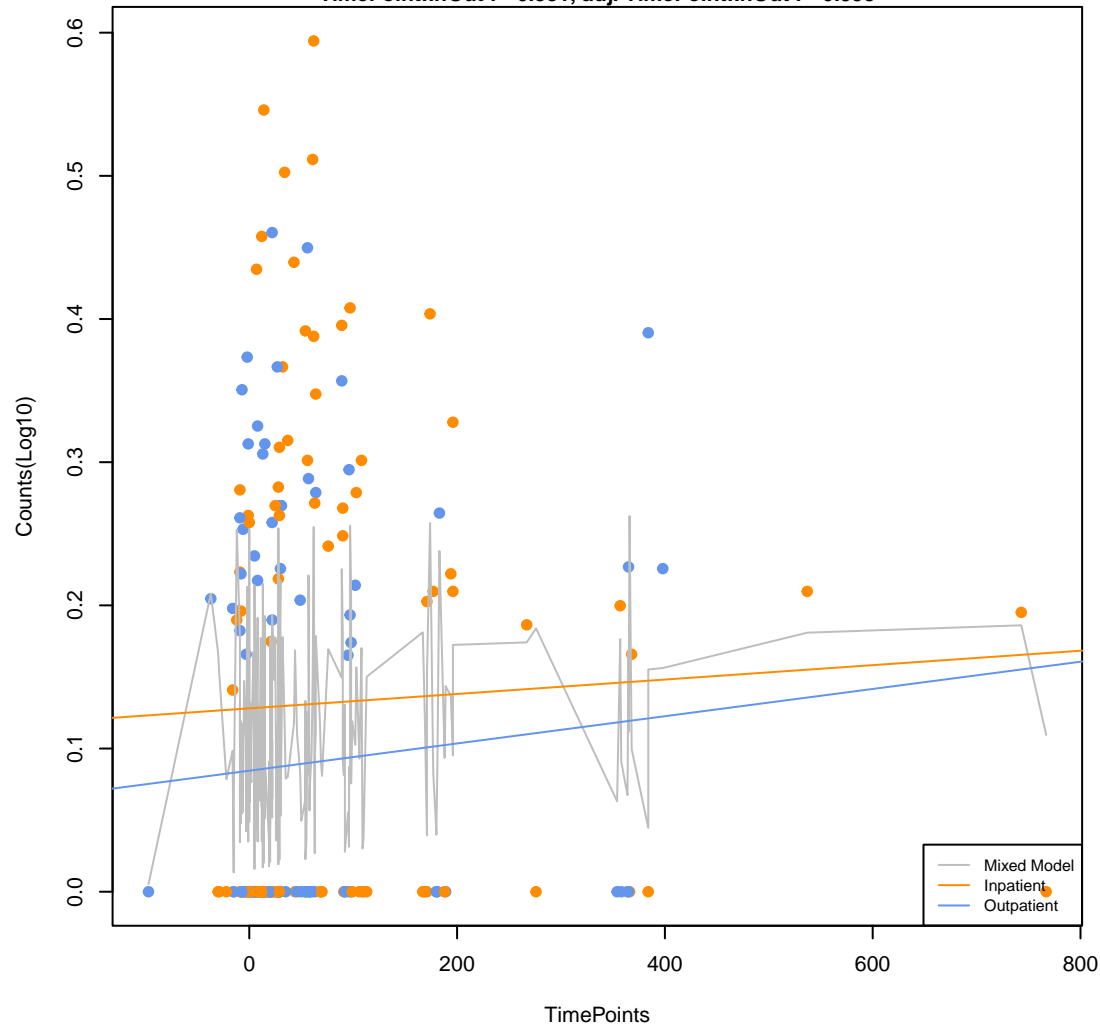
Escherichia coli soxS with mutation conferring antibiotic resistance

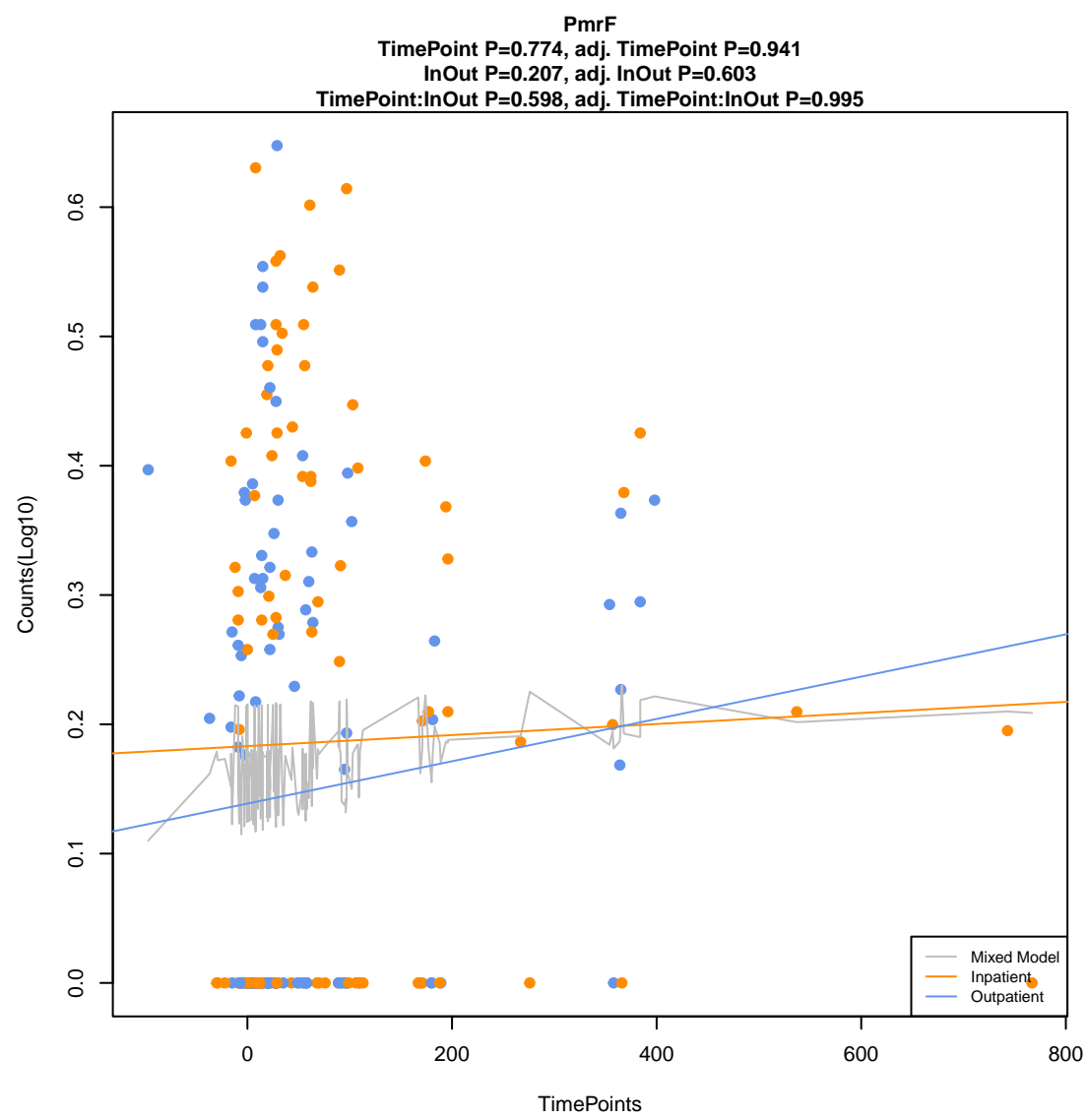
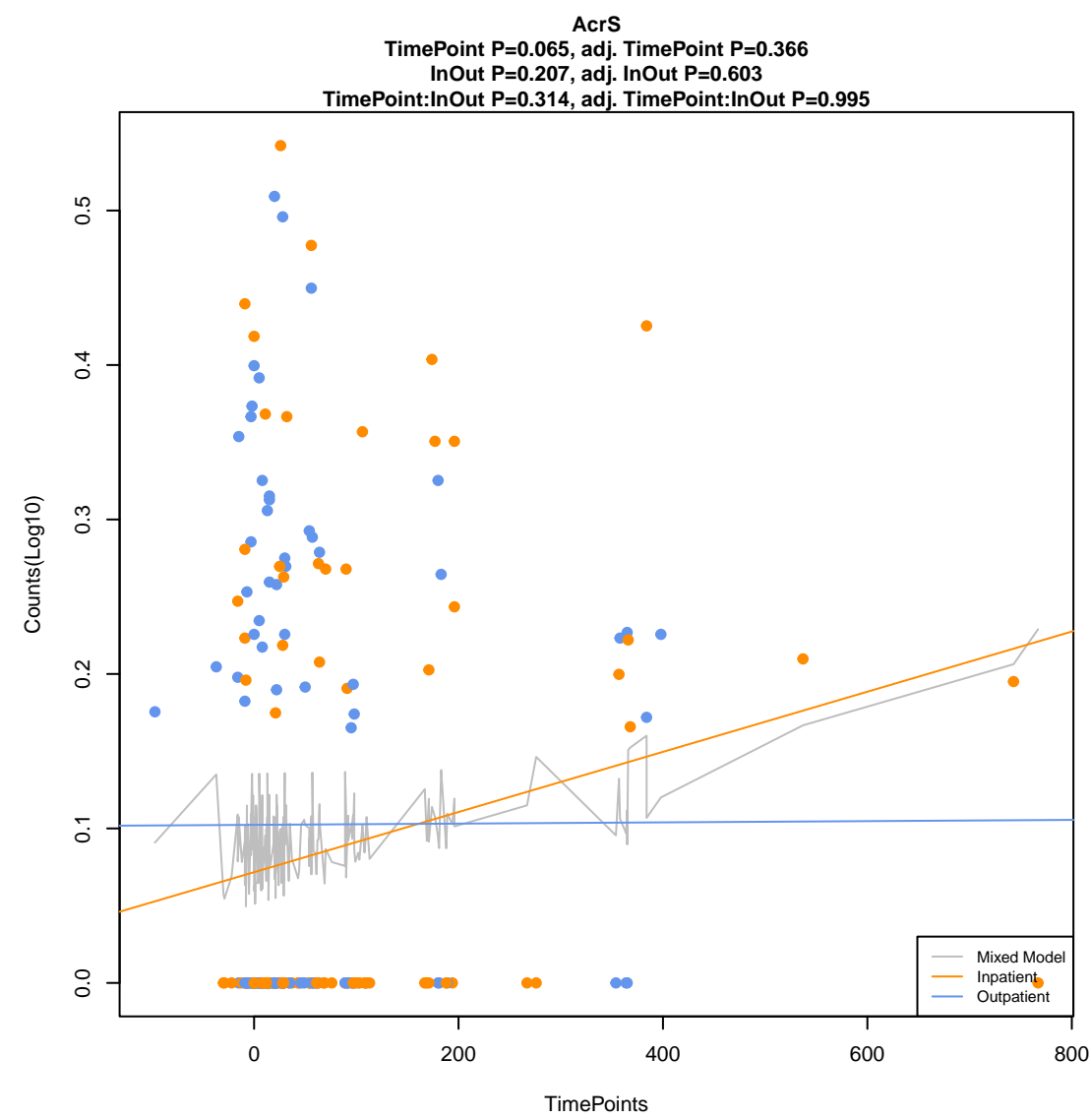
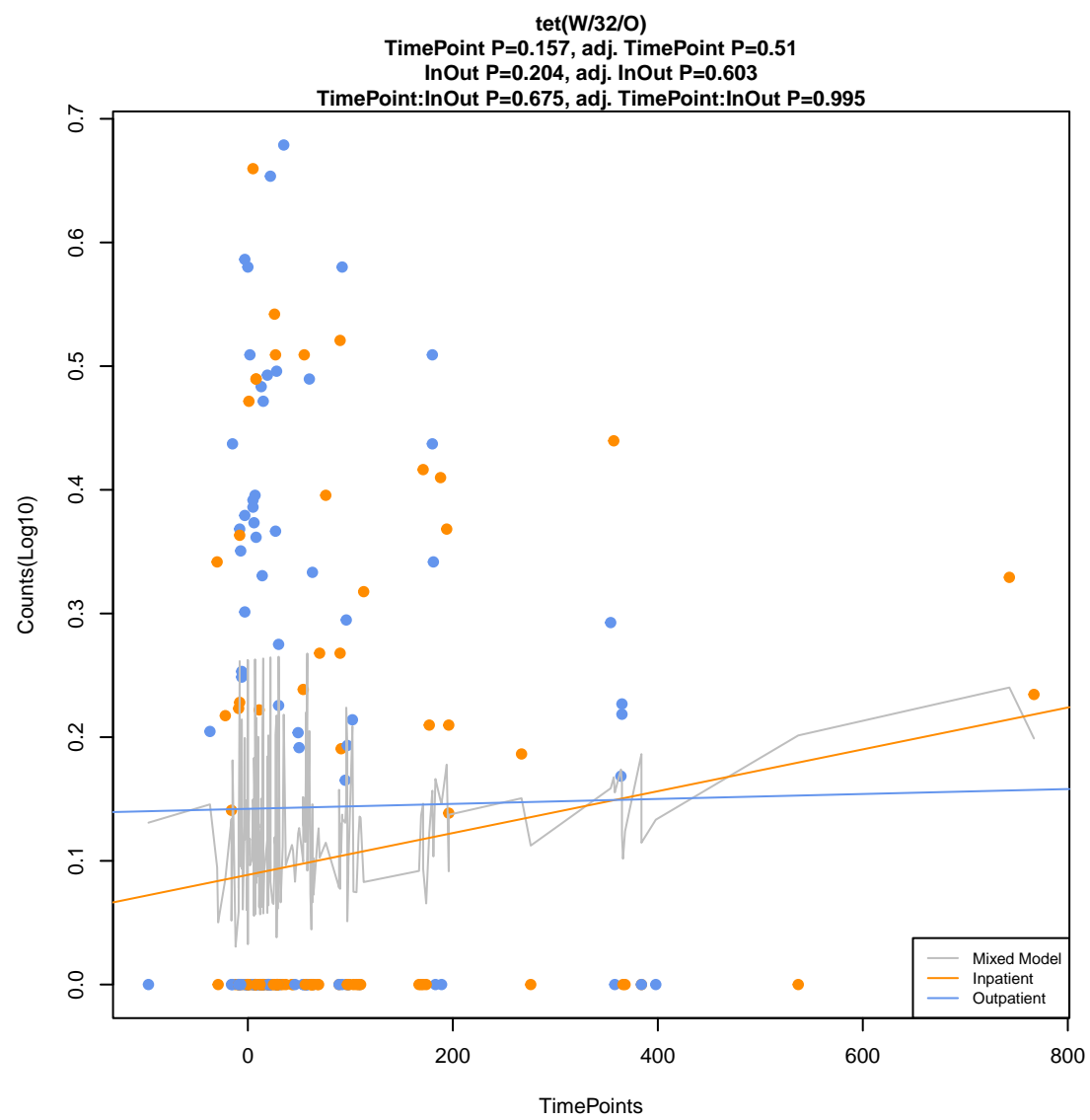
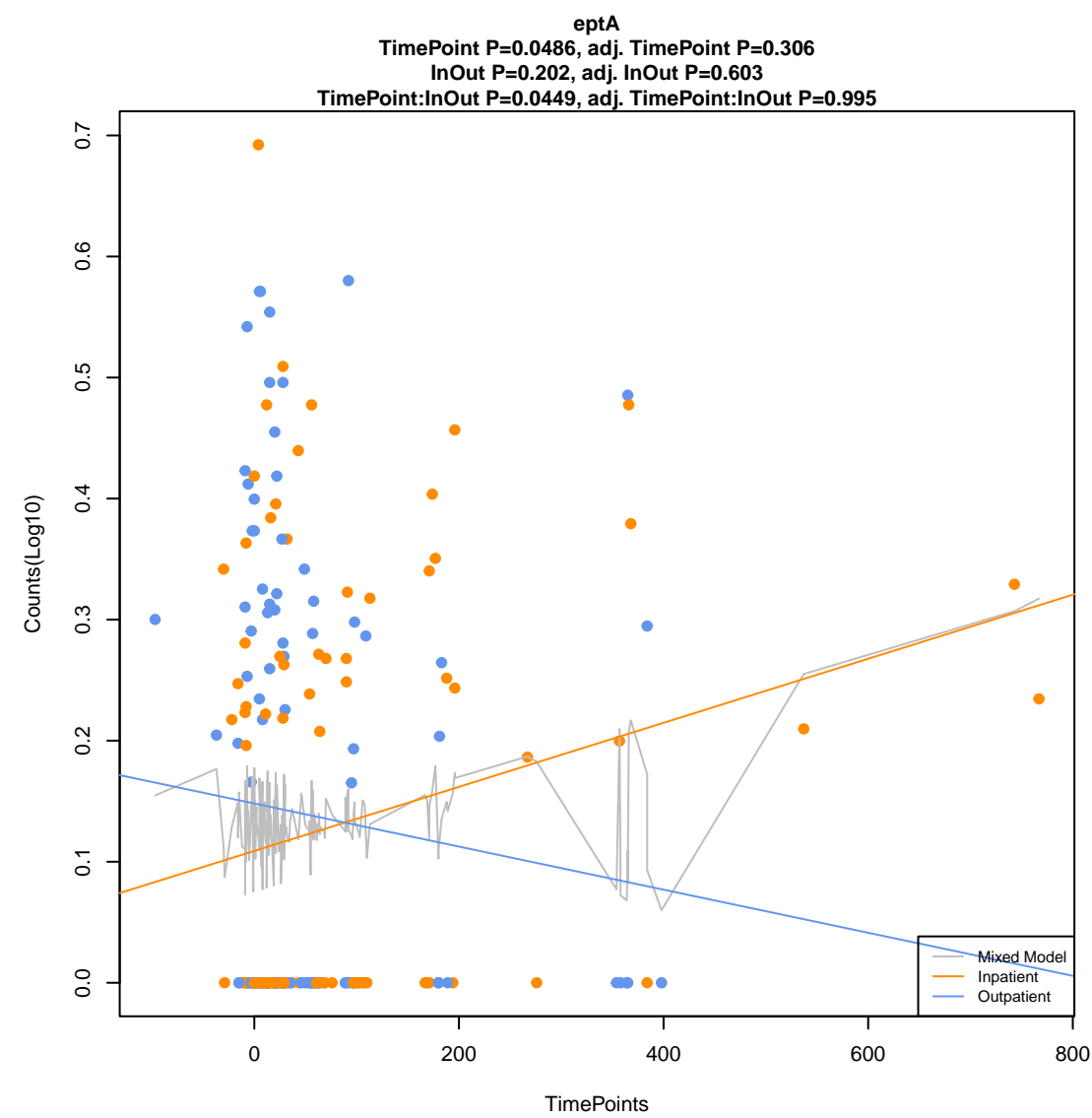
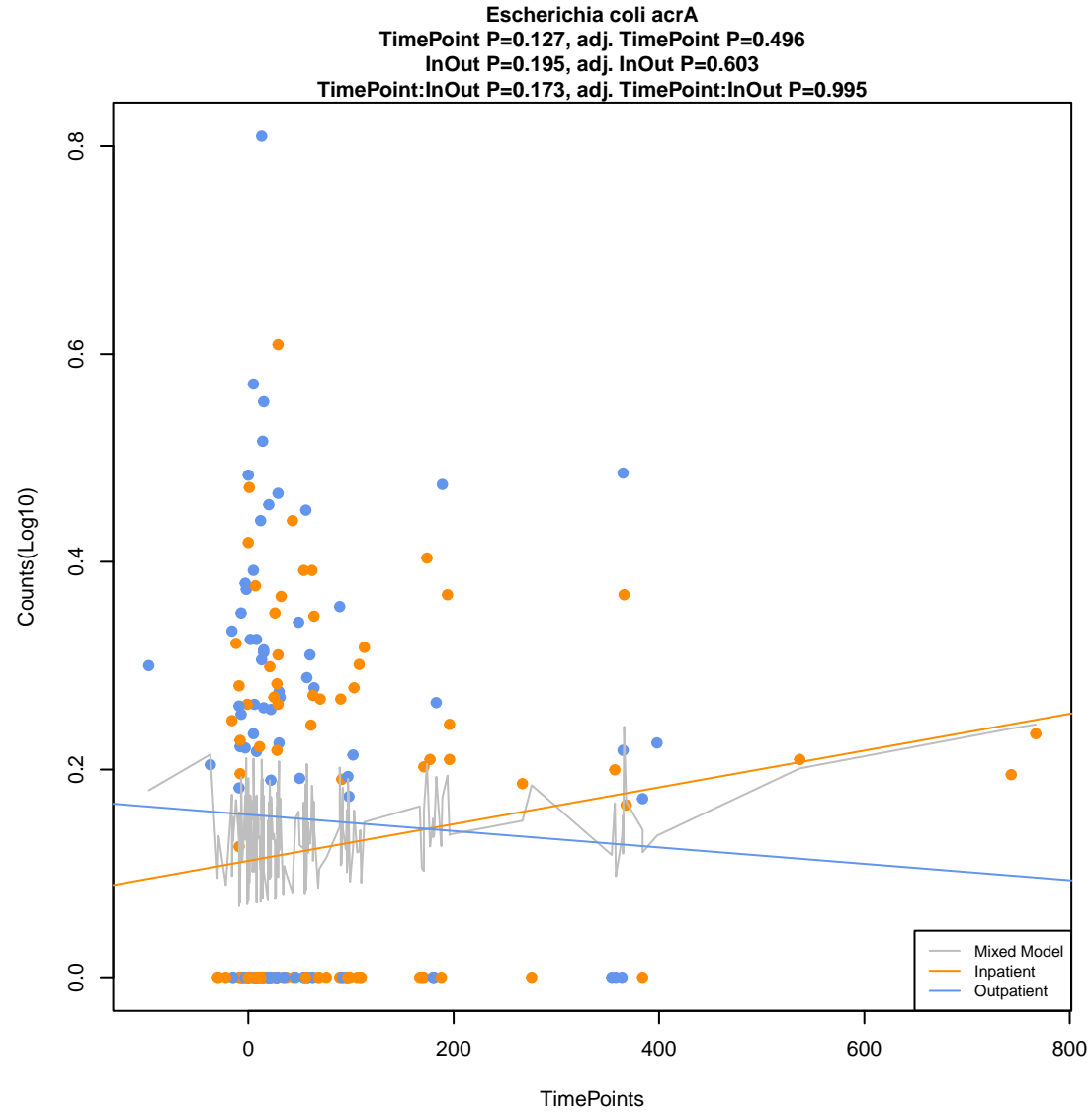
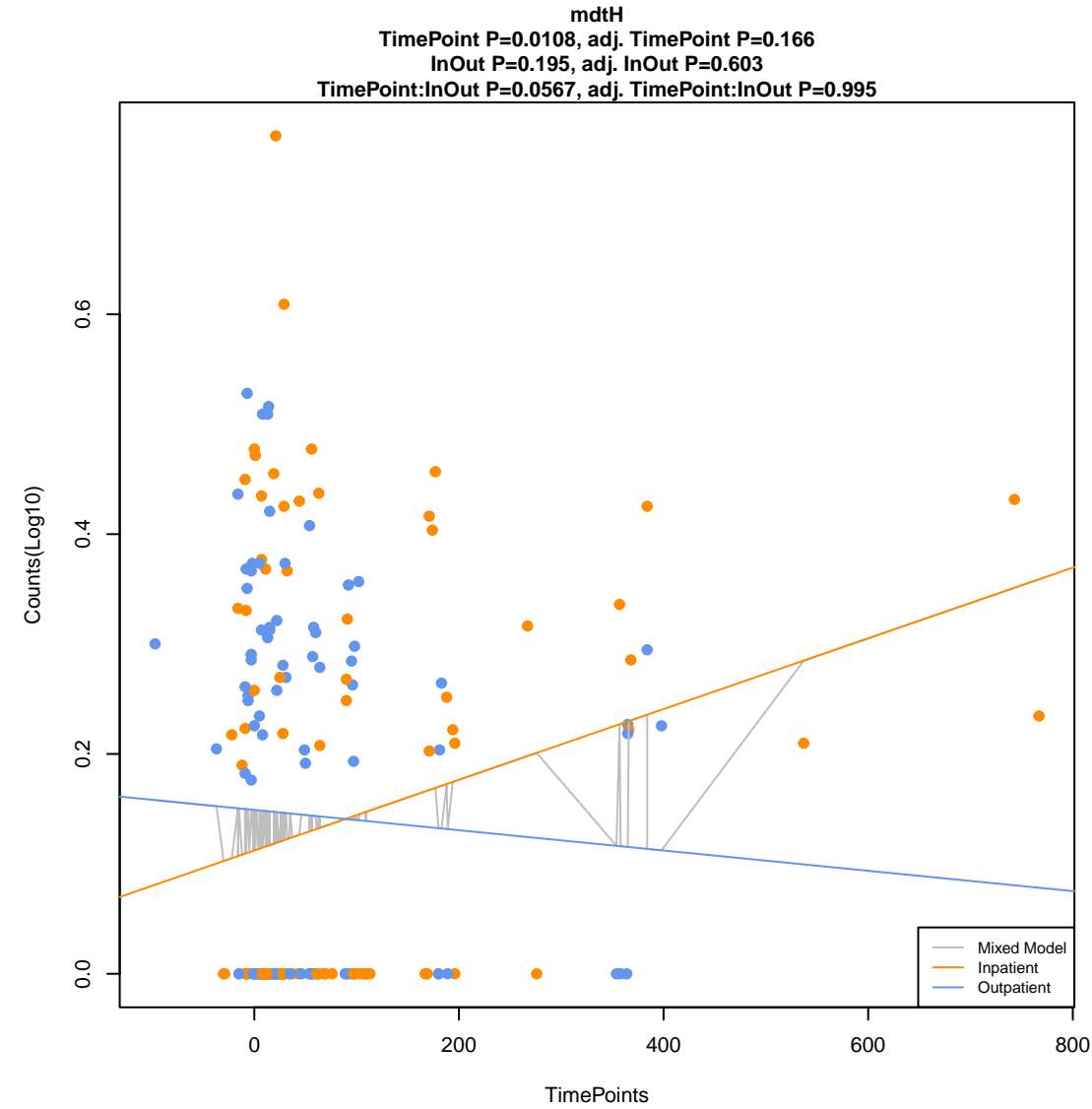
TimePoint P=0.689, adj. TimePoint P=0.914  
InOut P=0.158, adj. InOut P=0.584  
TimePoint:InOut P=0.563, adj. TimePoint:InOut P=0.995



H-NS

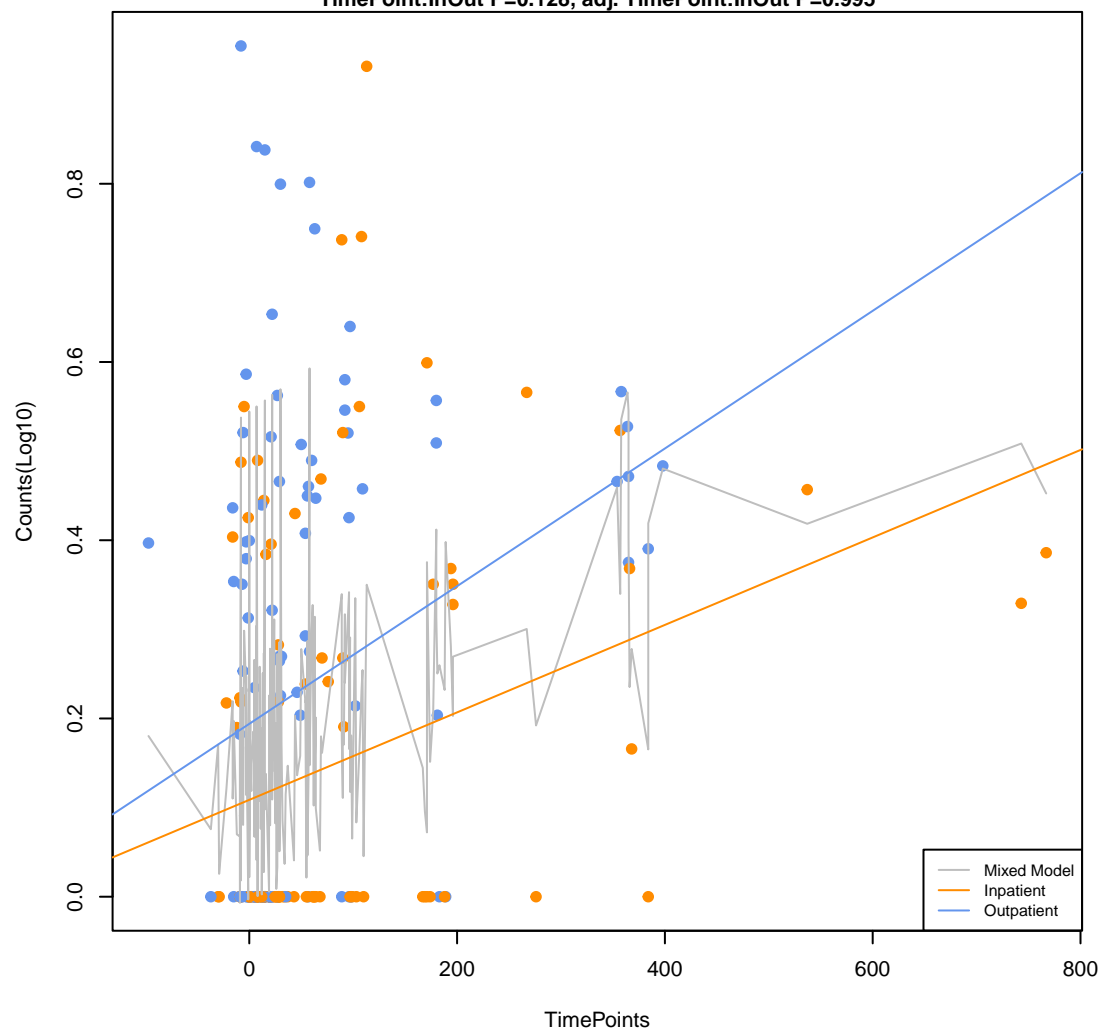
TimePoint P=0.807, adj. TimePoint P=0.944  
InOut P=0.194, adj. InOut P=0.603  
TimePoint:InOut P=0.531, adj. TimePoint:InOut P=0.995





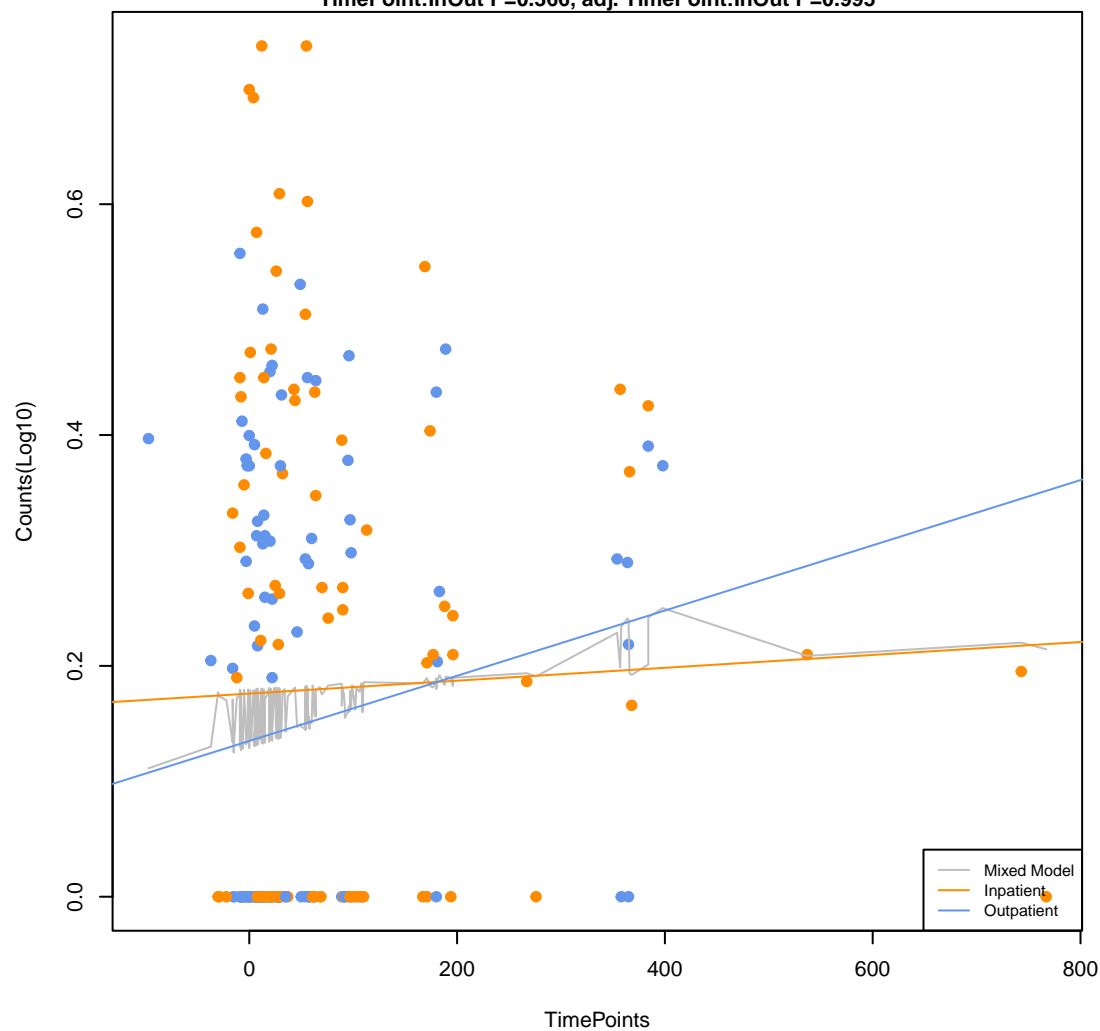
nimA

TimePoint P=0.00489, adj. TimePoint P=0.131  
InOut P=0.209, adj. InOut P=0.603  
TimePoint:InOut P=0.128, adj. TimePoint:InOut P=0.995



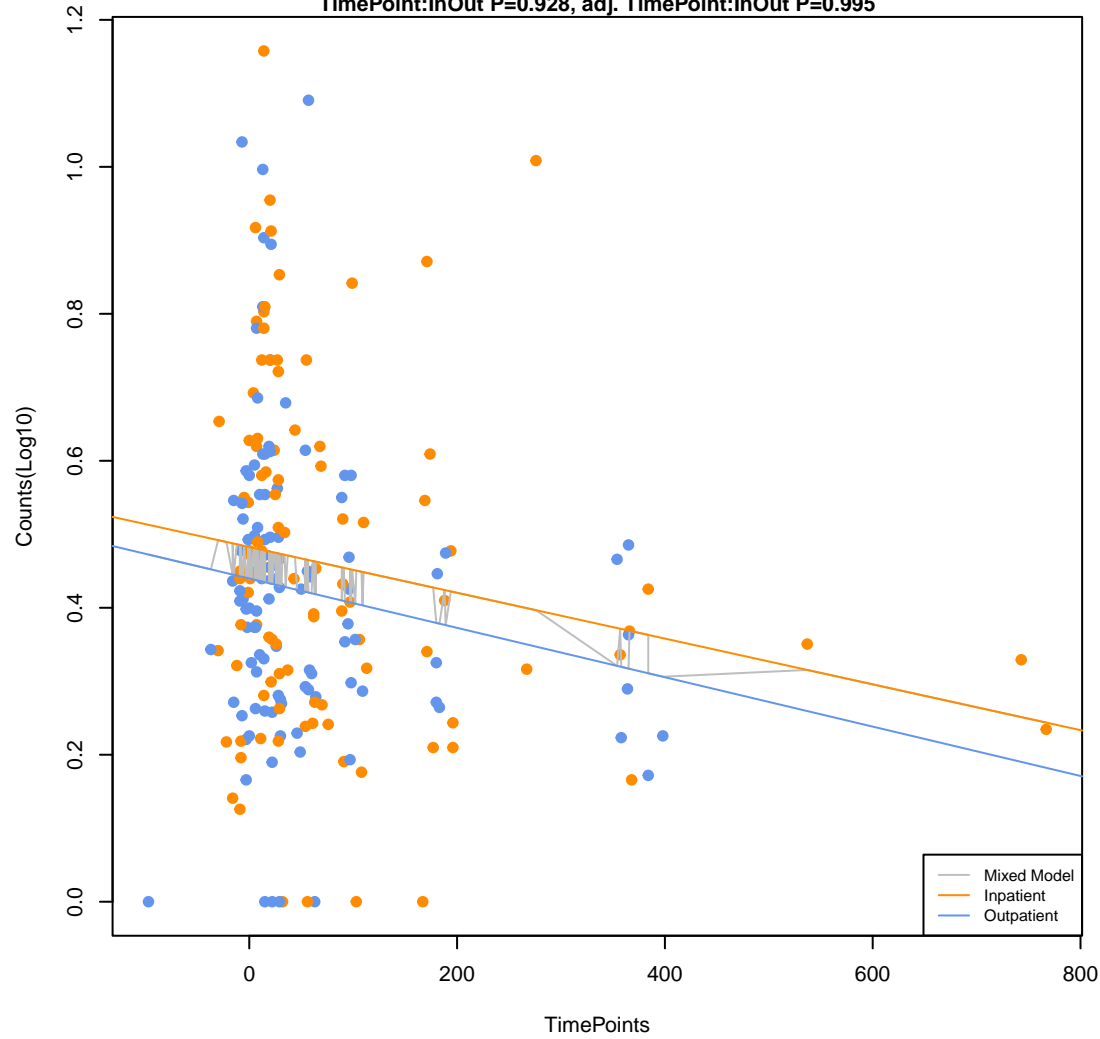
baeS

TimePoint P=0.701, adj. TimePoint P=0.914  
InOut P=0.221, adj. InOut P=0.616  
TimePoint:InOut P=0.366, adj. TimePoint:InOut P=0.995



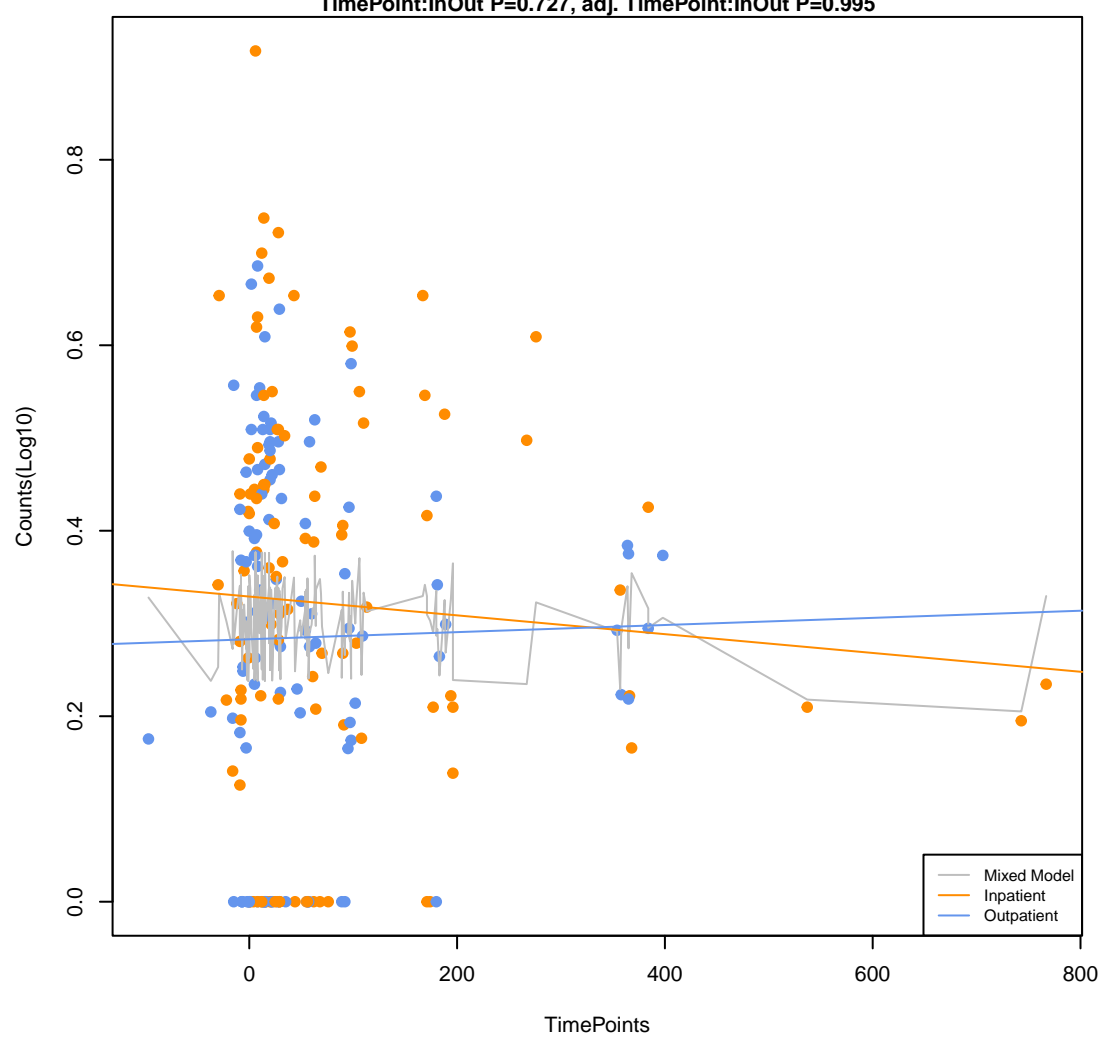
tet(W)

TimePoint P=0.0461, adj. TimePoint P=0.306  
InOut P=0.225, adj. InOut P=0.616  
TimePoint:InOut P=0.928, adj. TimePoint:InOut P=0.995



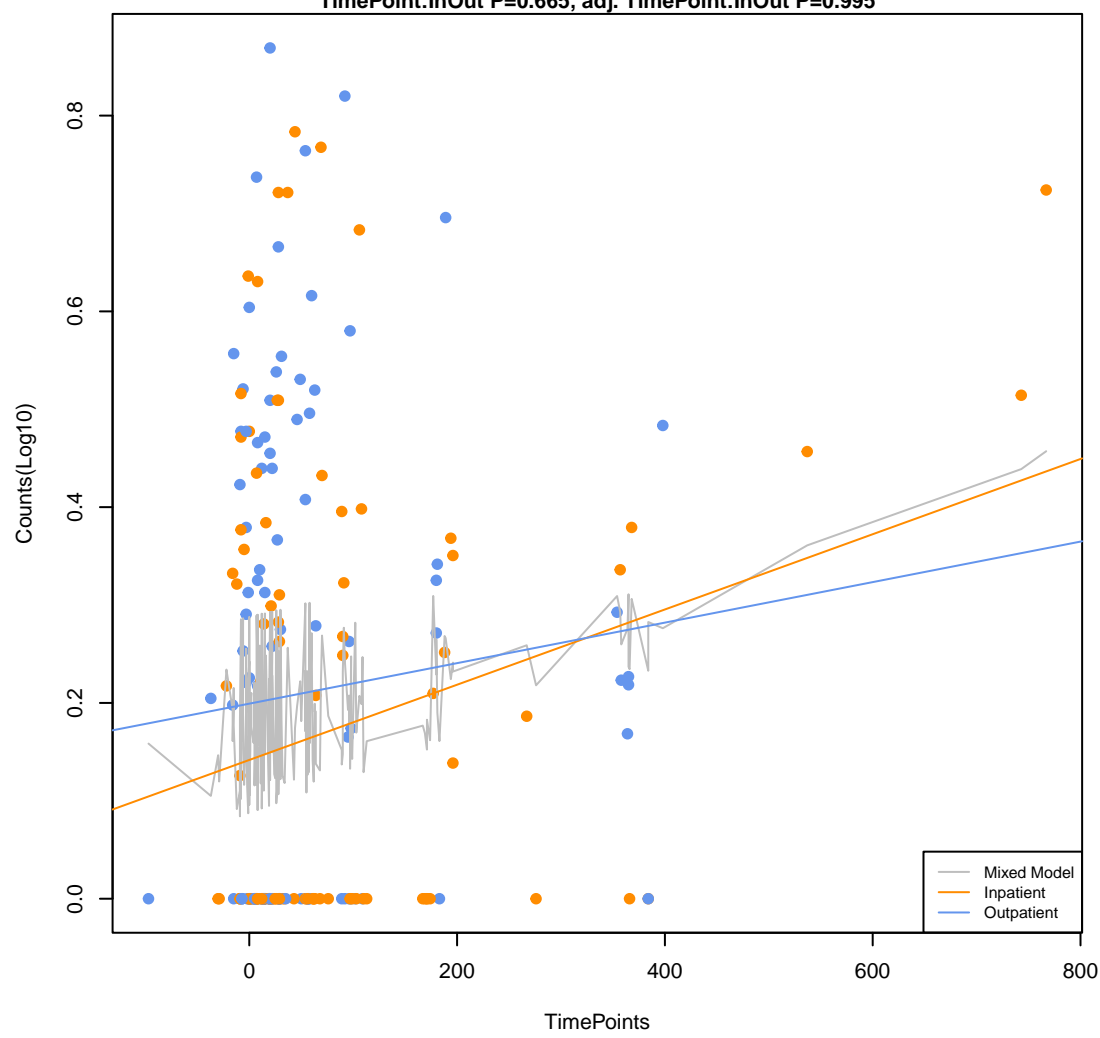
aad(6)

TimePoint P=0.675, adj. TimePoint P=0.914  
InOut P=0.235, adj. InOut P=0.628  
TimePoint:InOut P=0.727, adj. TimePoint:InOut P=0.995



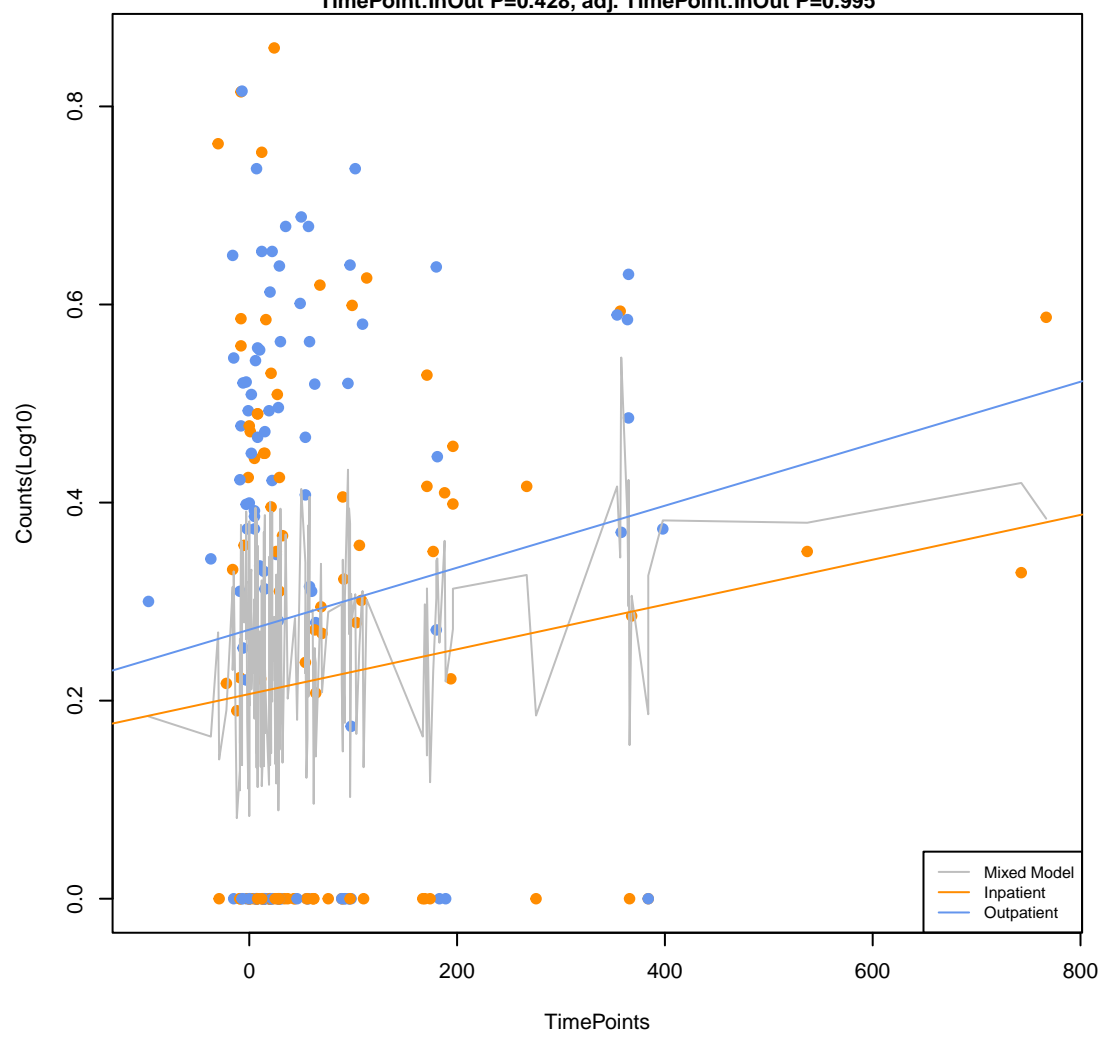
tet(44)

TimePoint P=0.0247, adj. TimePoint P=0.24  
InOut P=0.249, adj. InOut P=0.634  
TimePoint:InOut P=0.665, adj. TimePoint:InOut P=0.995



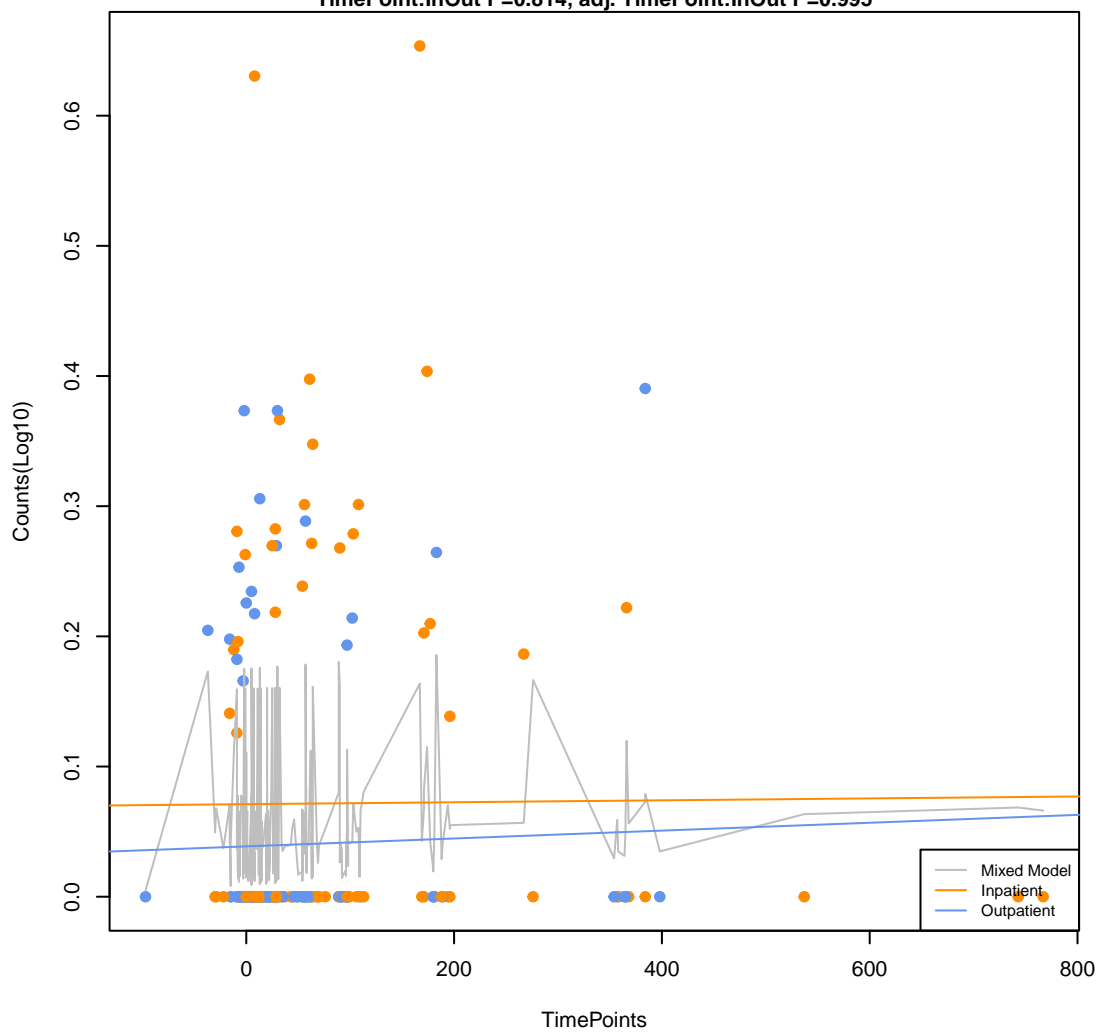
ANA-1

TimePoint P=0.265, adj. TimePoint P=0.691  
InOut P=0.249, adj. InOut P=0.634  
TimePoint:InOut P=0.428, adj. TimePoint:InOut P=0.995

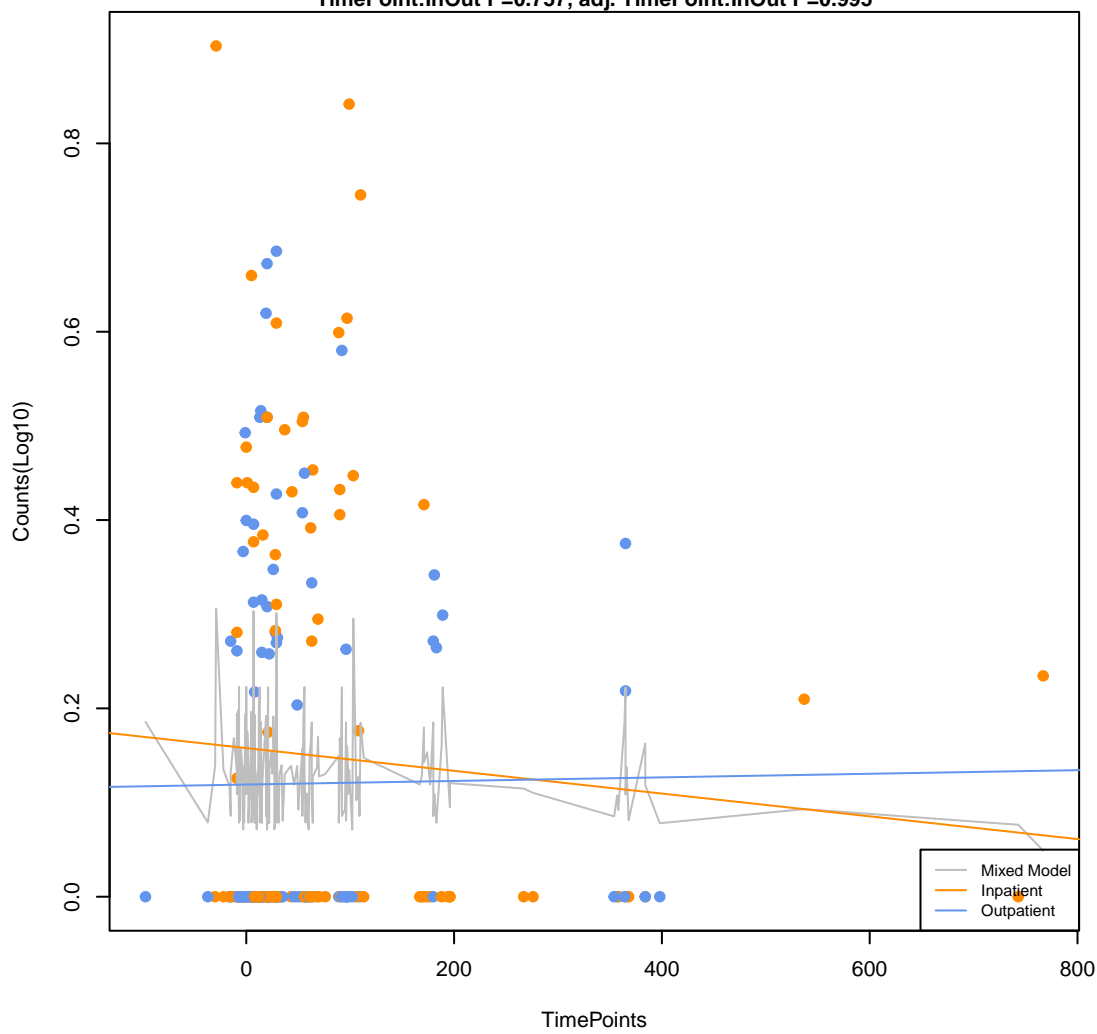




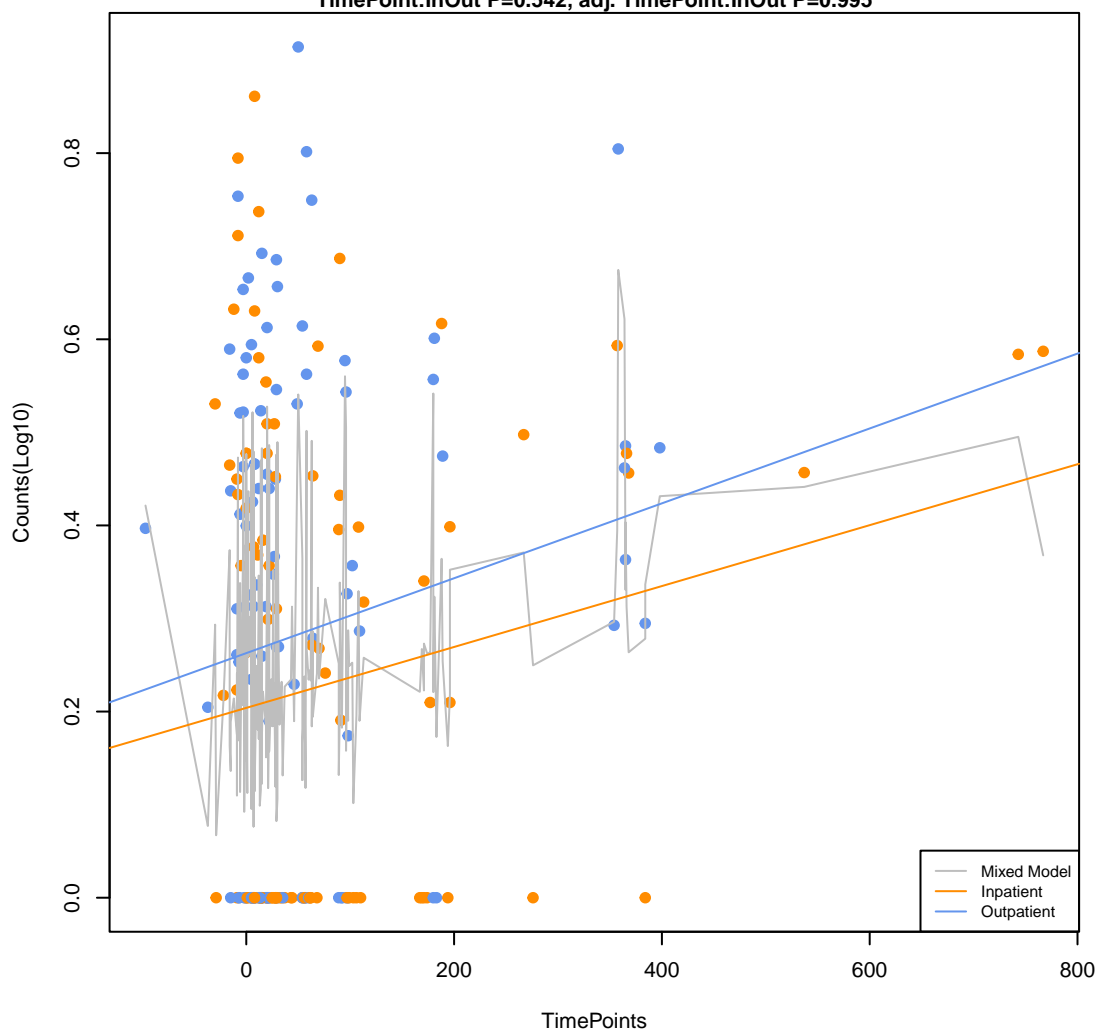
**Escherichia coli GlpT with mutation conferring resistance to fosfomycin**  
TimePoint P=0.763, adj. TimePoint P=0.941  
InOut P=0.274, adj. InOut P=0.683  
TimePoint:InOut P=0.814, adj. TimePoint:InOut P=0.995



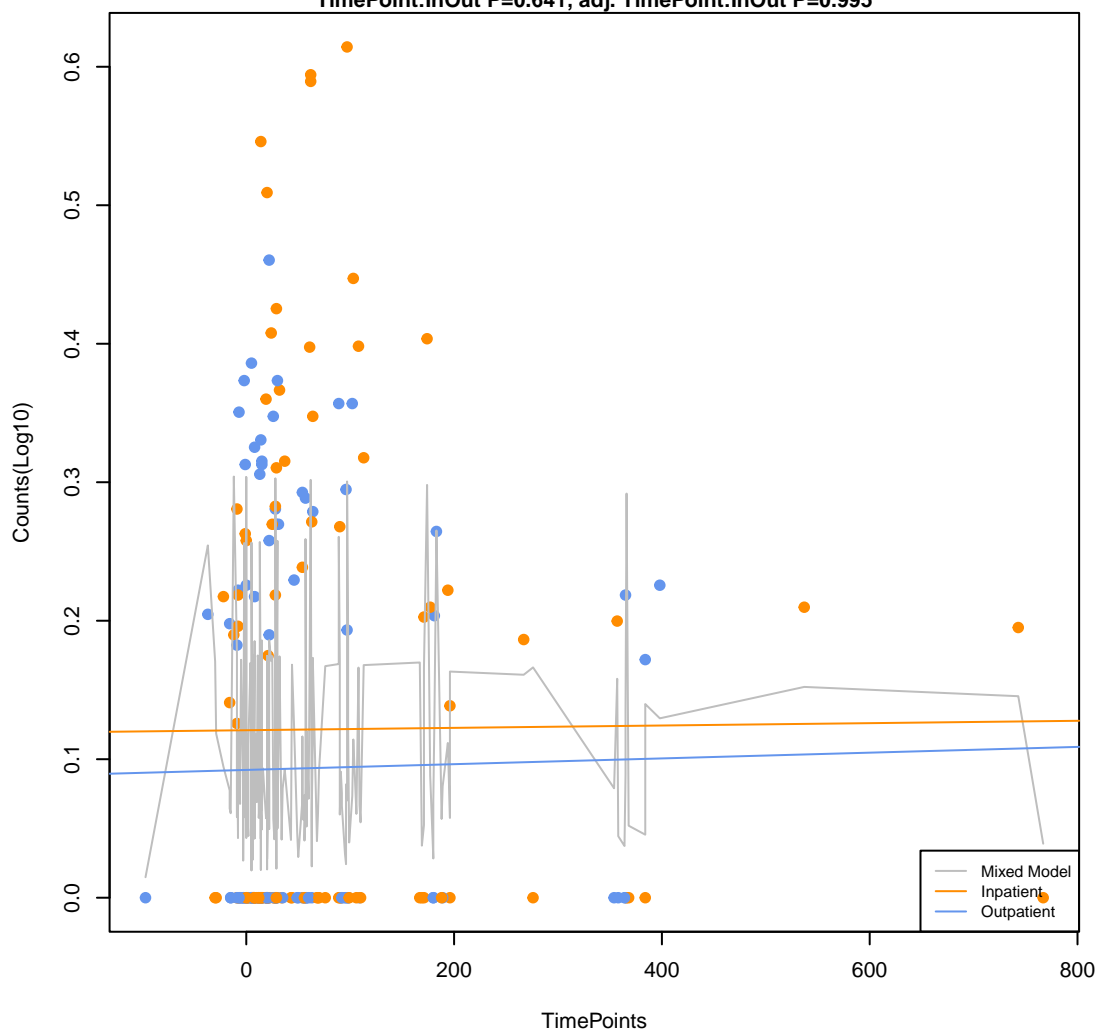
**tetB(60)**  
TimePoint P=0.592, adj. TimePoint P=0.914  
InOut P=0.289, adj. InOut P=0.703  
TimePoint:InOut P=0.757, adj. TimePoint:InOut P=0.995



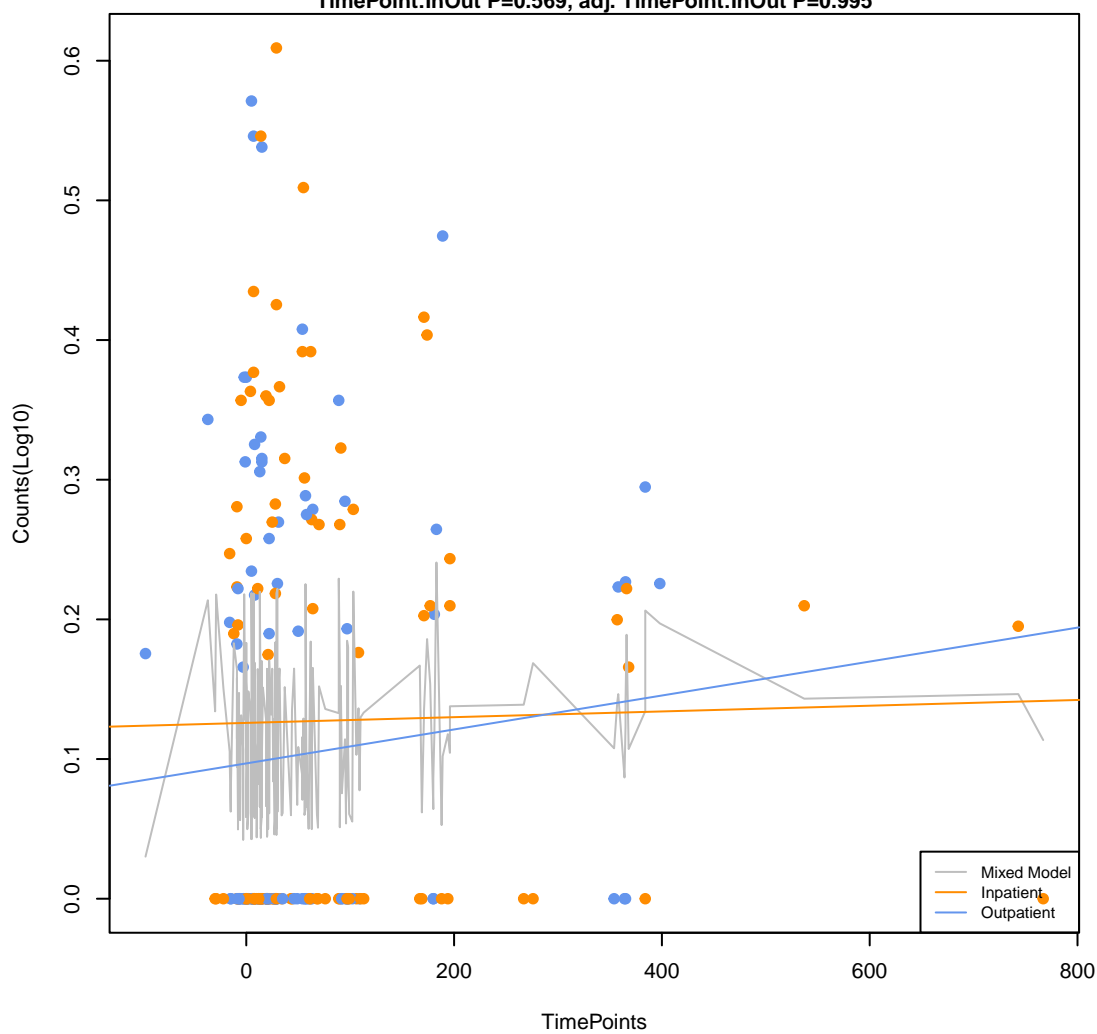
**mefH**  
TimePoint P=0.12, adj. TimePoint P=0.493  
InOut P=0.298, adj. InOut P=0.71  
TimePoint:InOut P=0.542, adj. TimePoint:InOut P=0.995



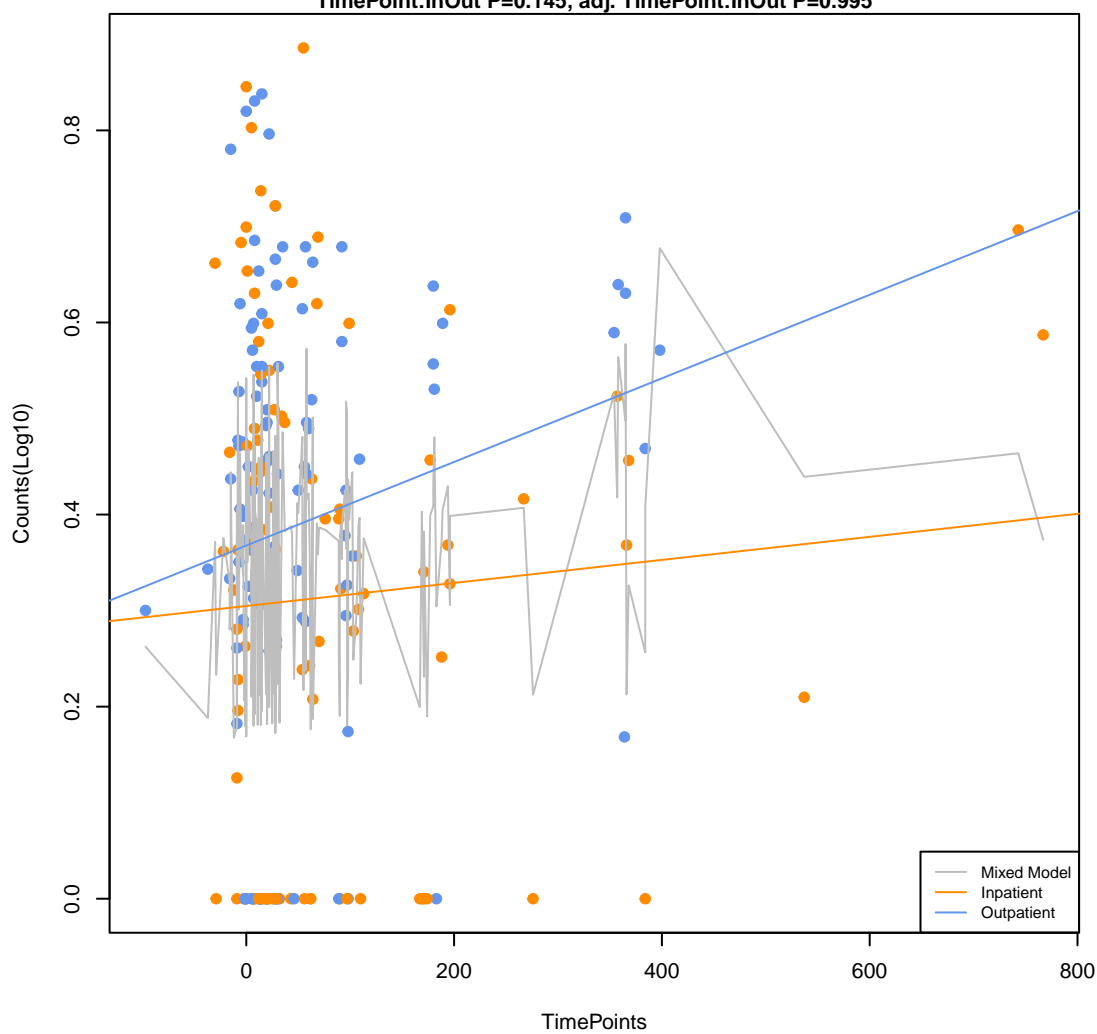
**rsmA**  
TimePoint P=0.751, adj. TimePoint P=0.941  
InOut P=0.373, adj. InOut P=0.824  
TimePoint:InOut P=0.641, adj. TimePoint:InOut P=0.995



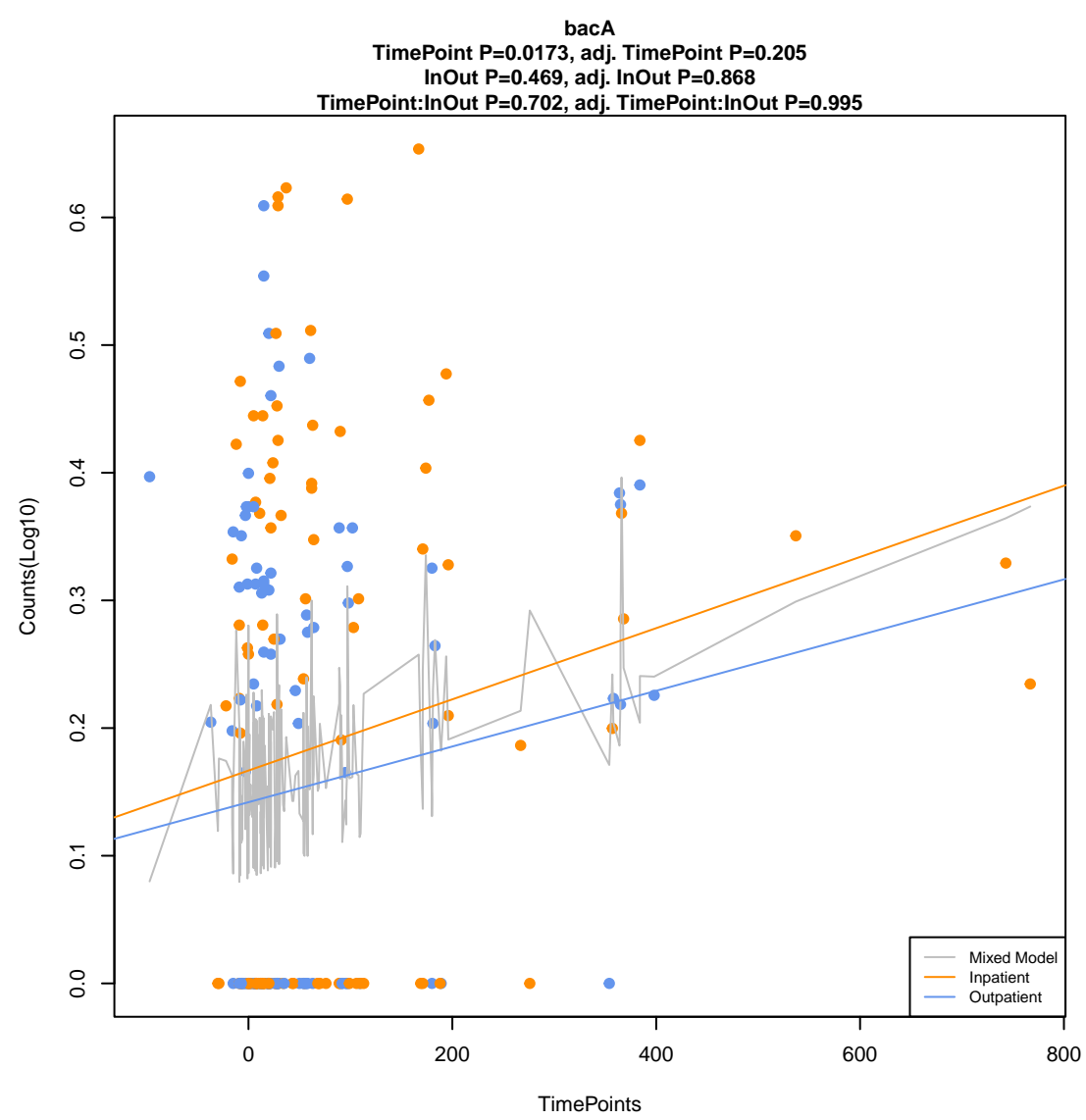
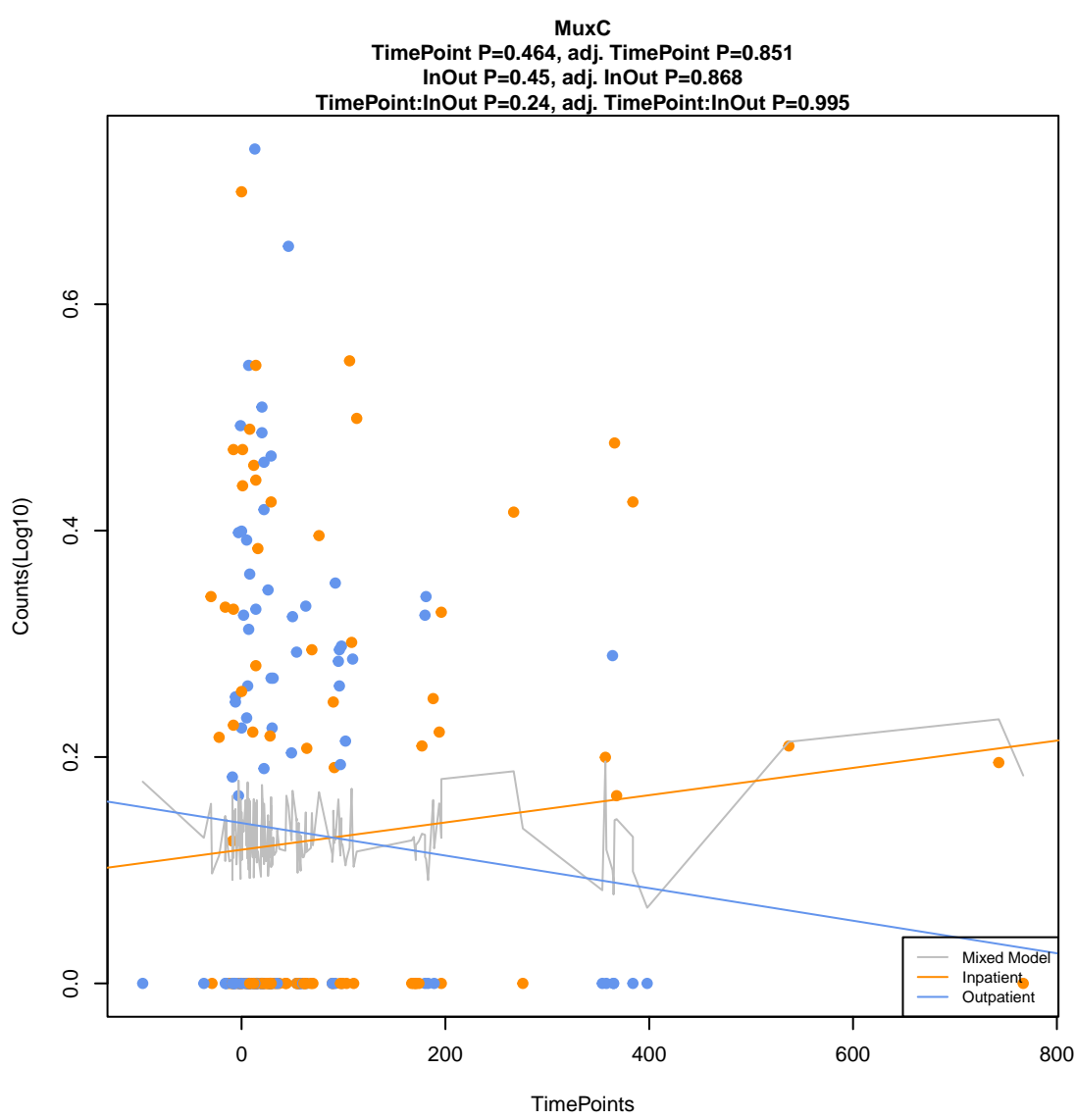
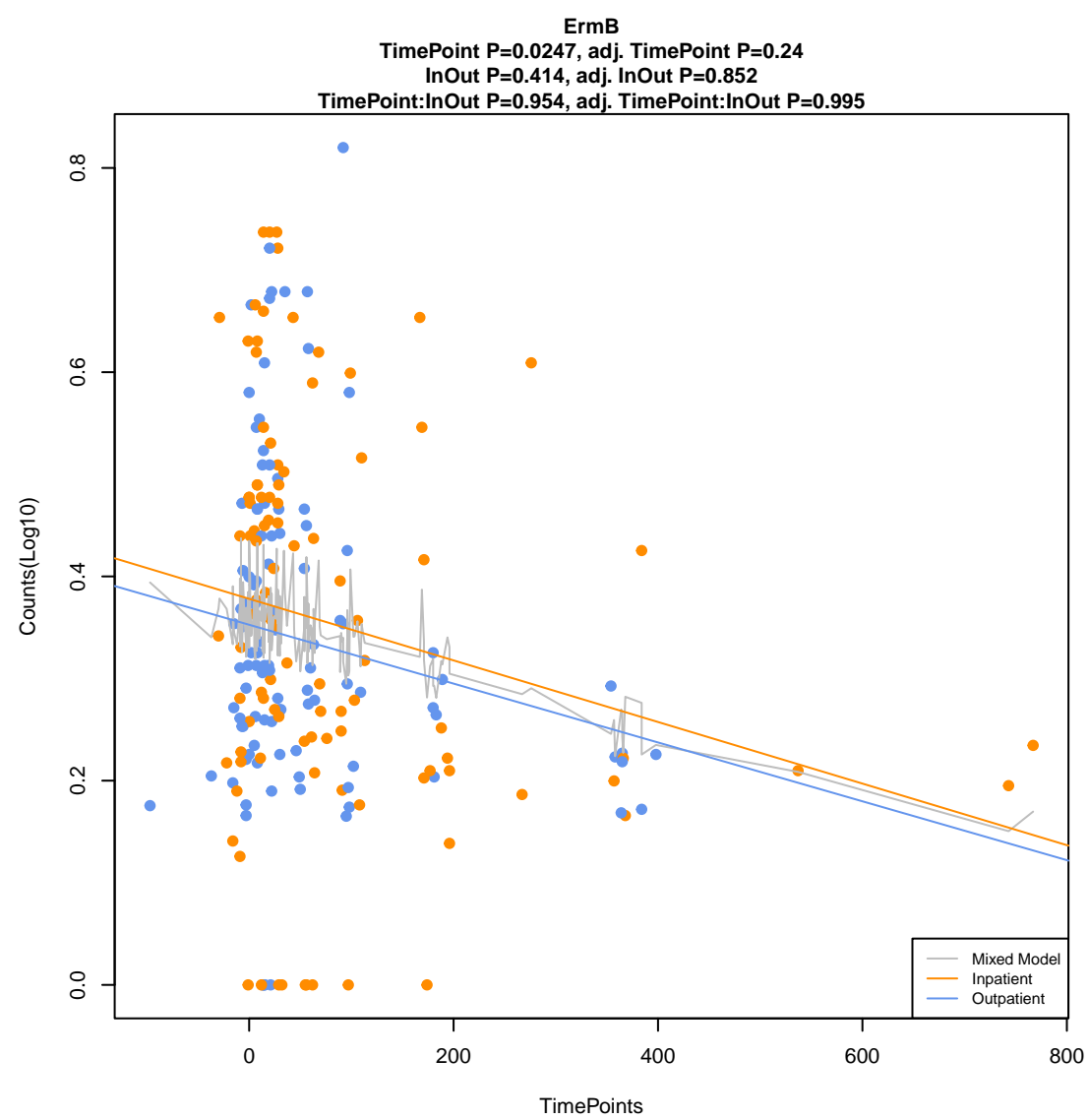
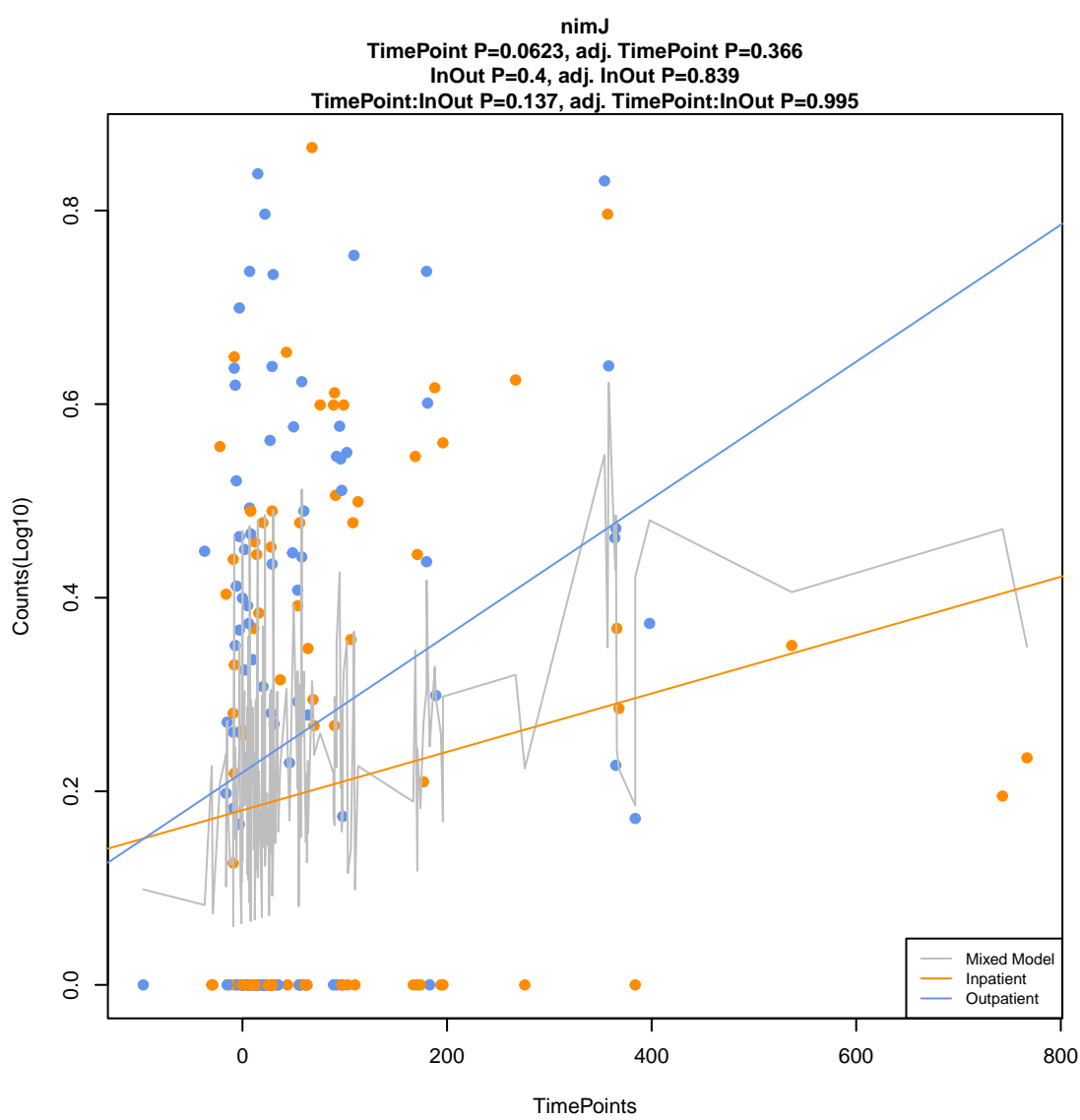
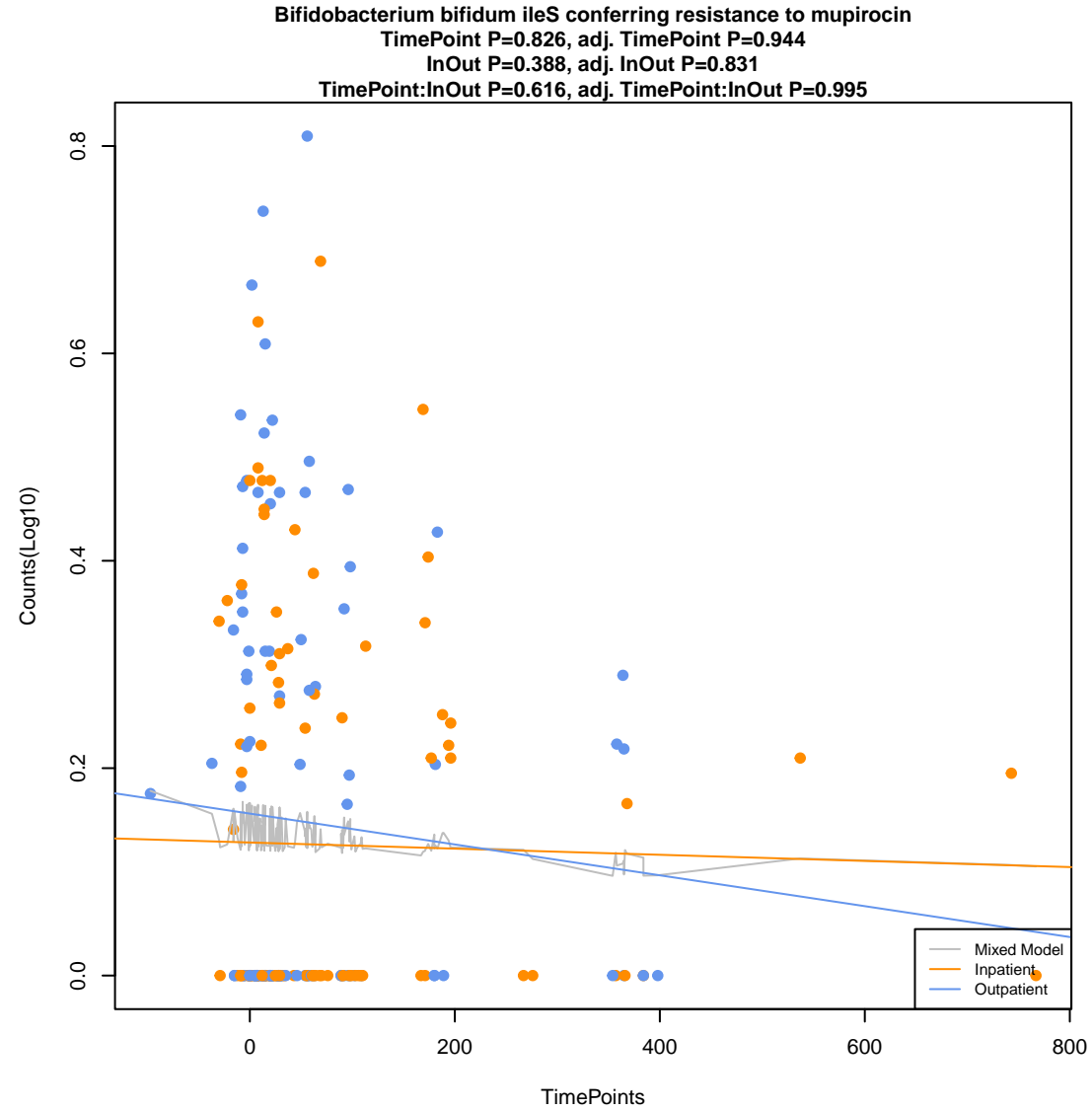
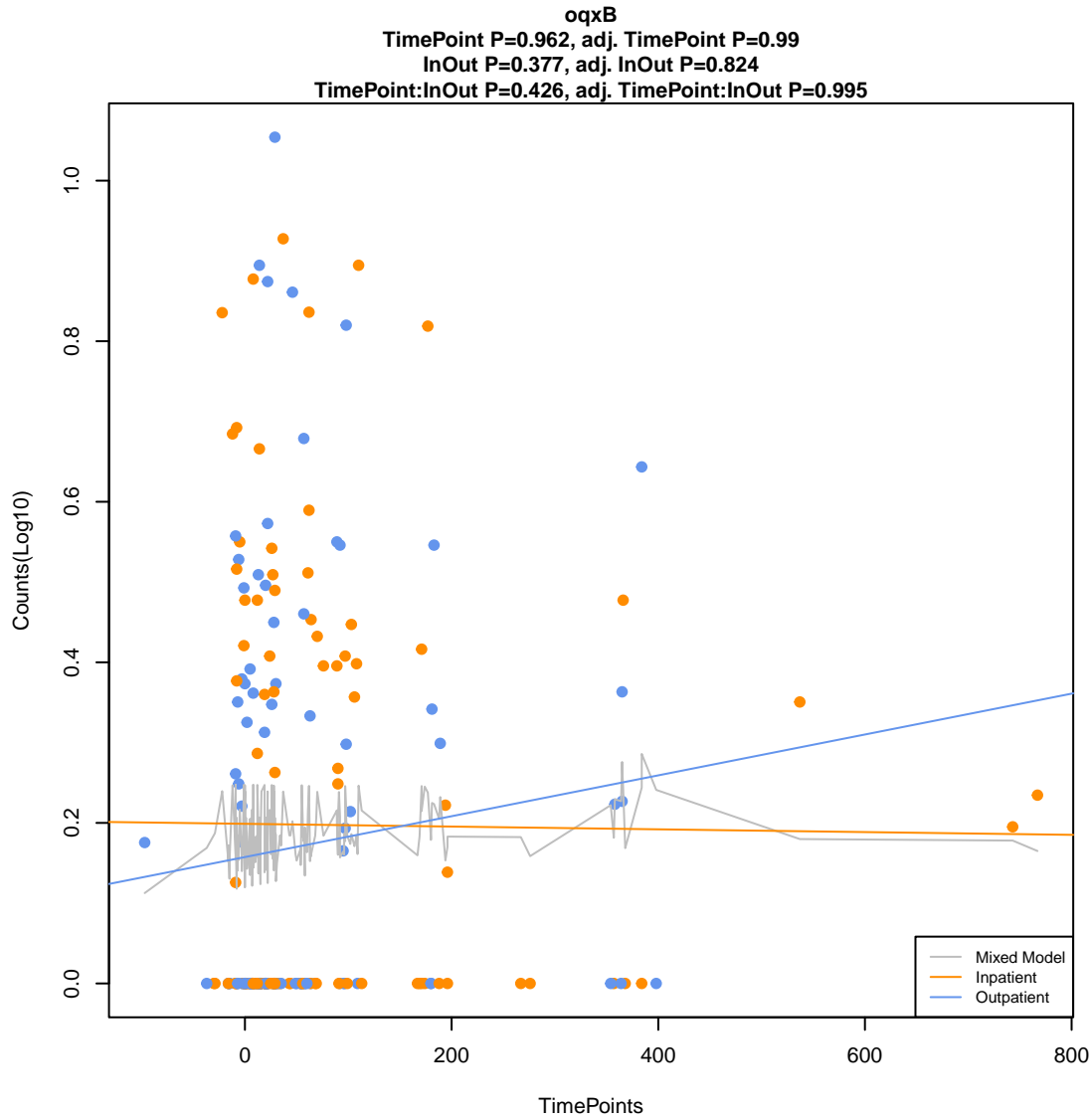
**Escherichia coli soxR with mutation conferring antibiotic resistance**  
TimePoint P=0.885, adj. TimePoint P=0.951  
InOut P=0.374, adj. InOut P=0.824  
TimePoint:InOut P=0.569, adj. TimePoint:InOut P=0.995

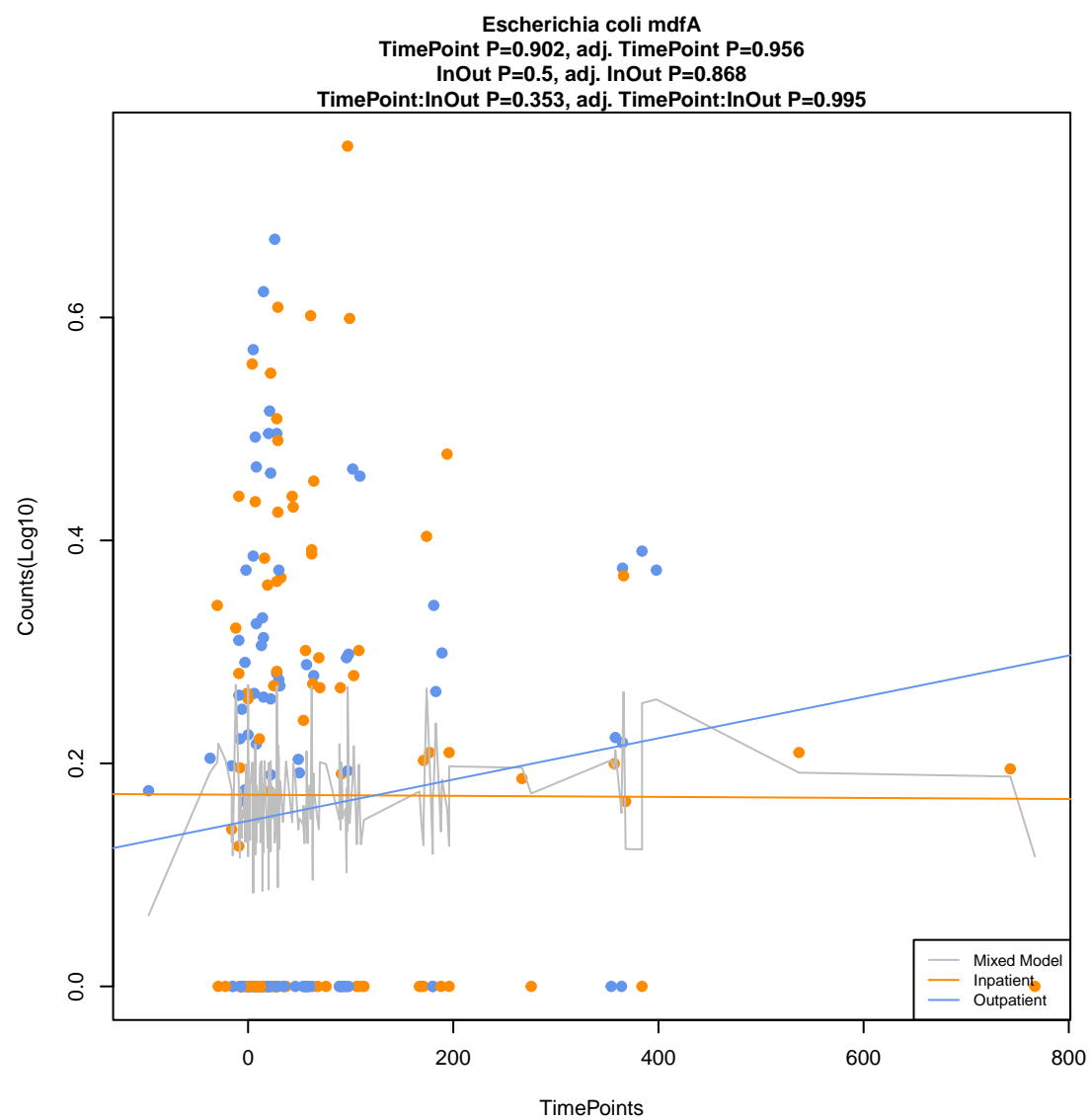
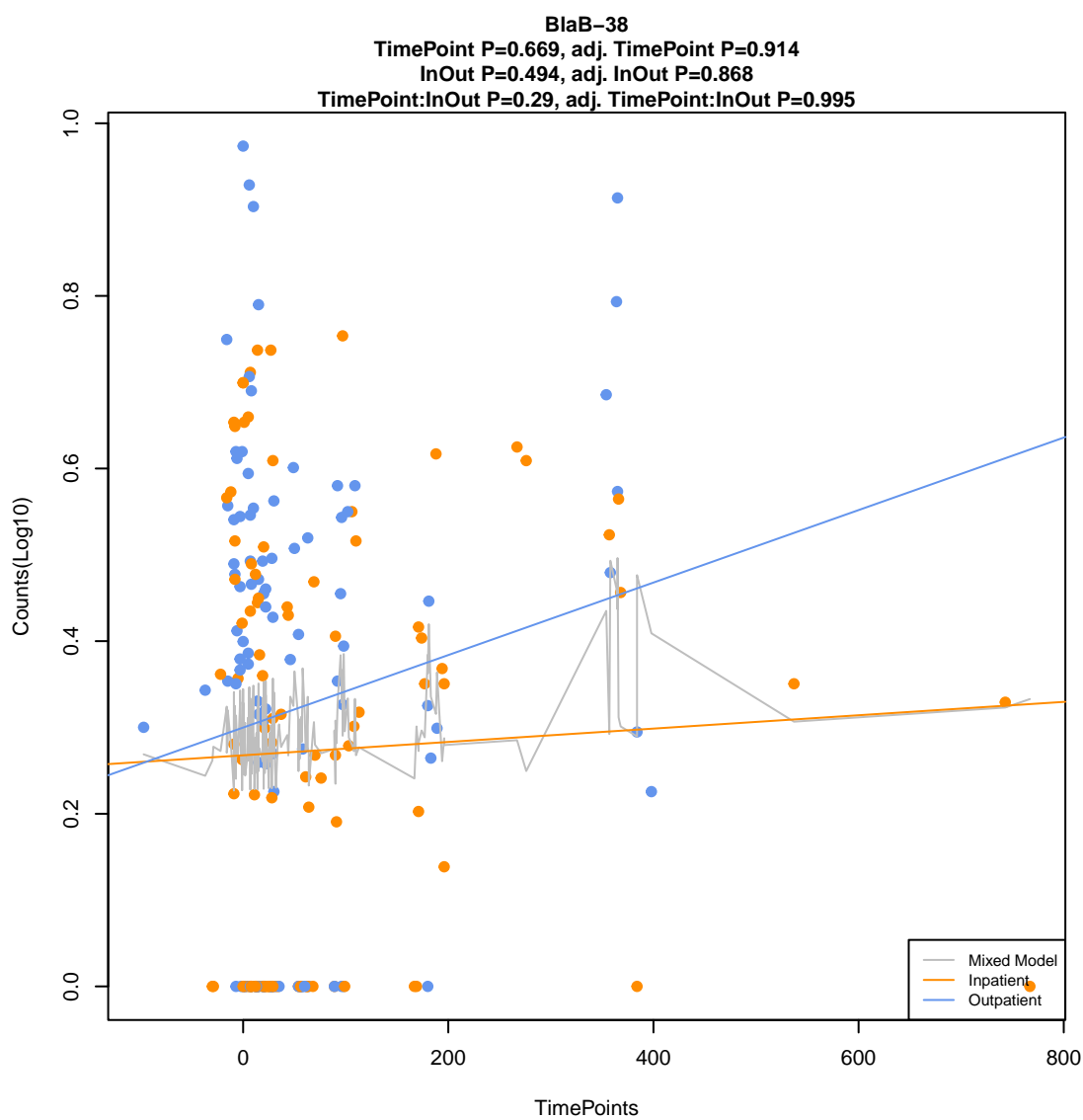
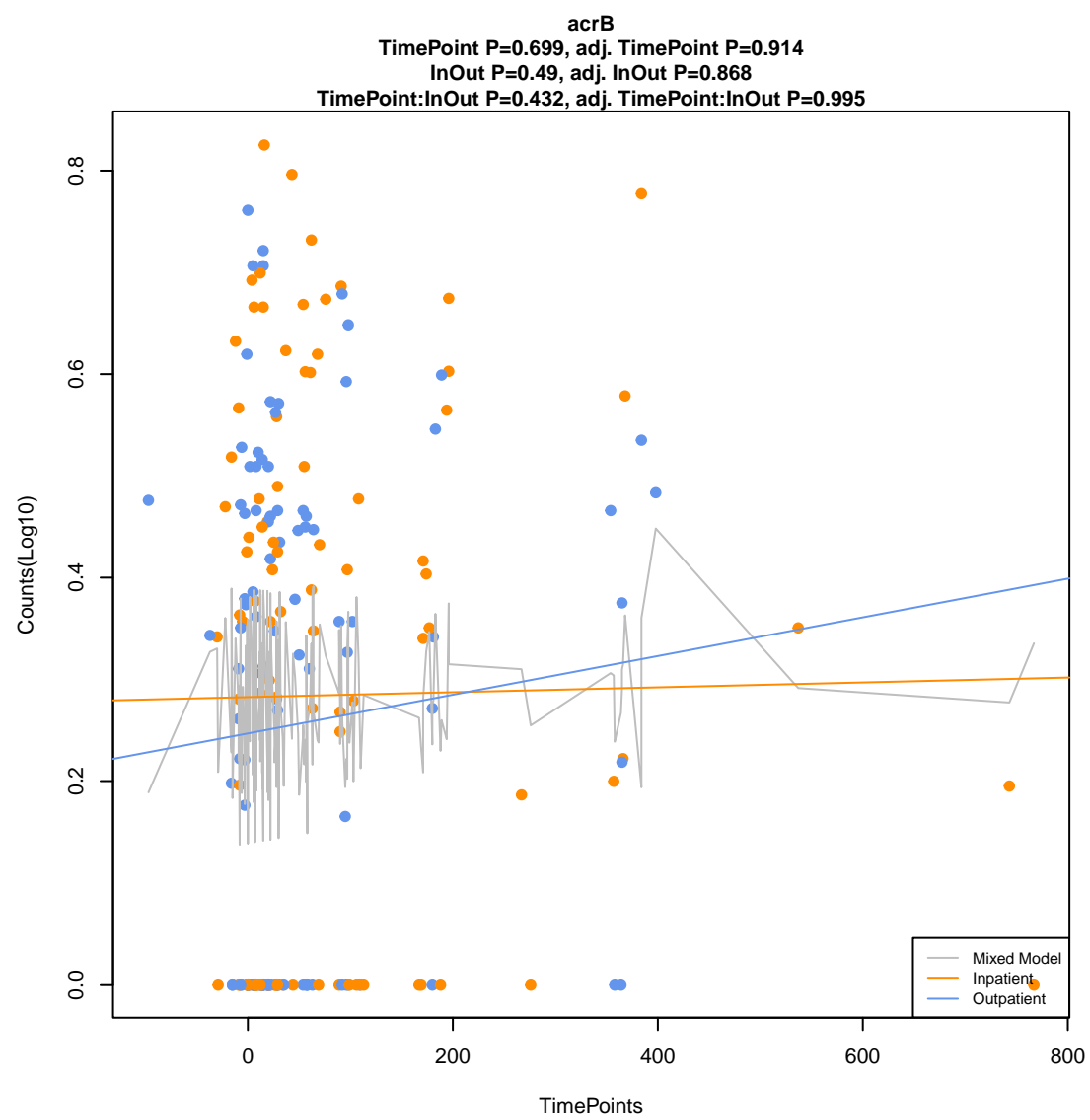
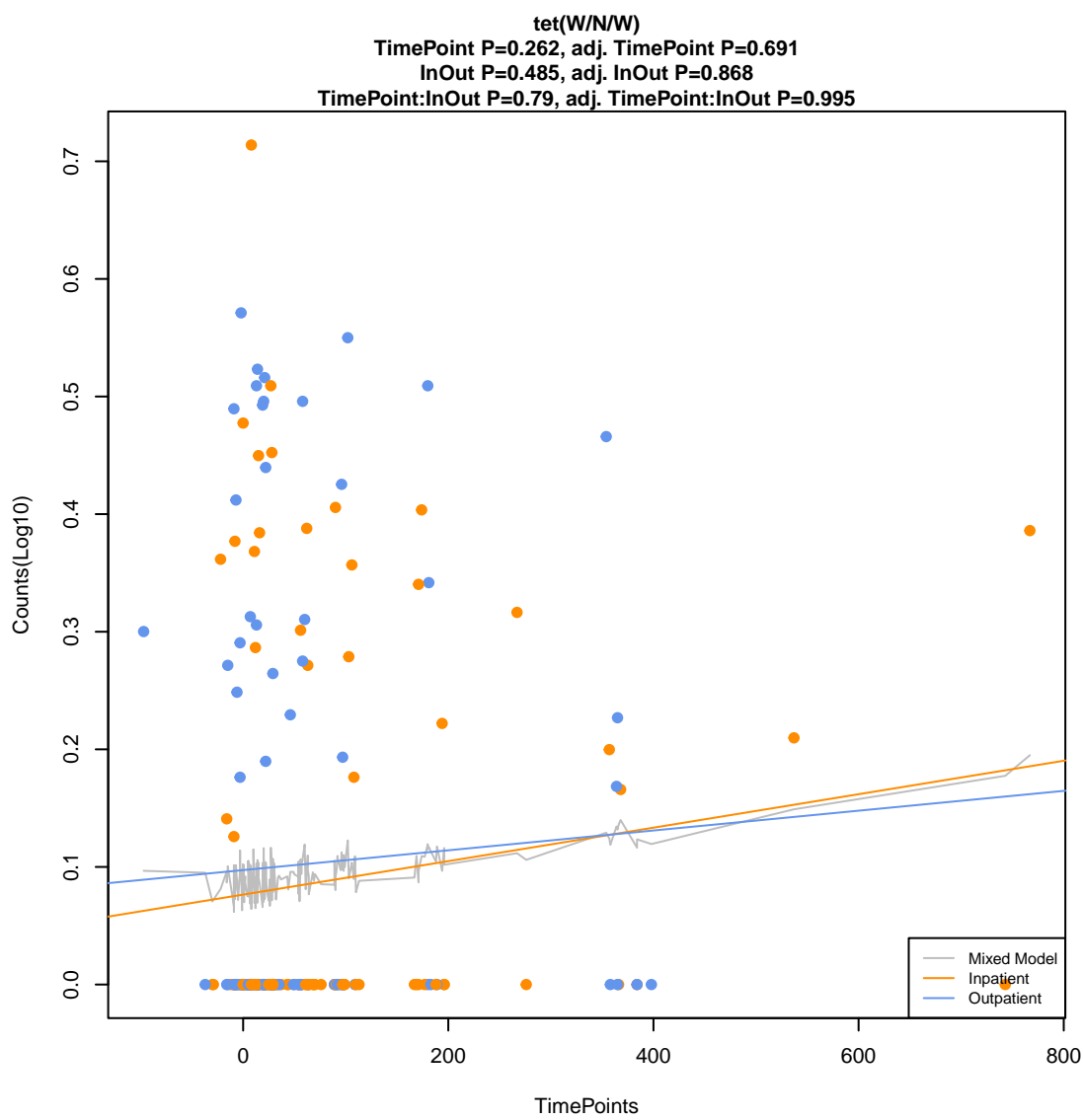
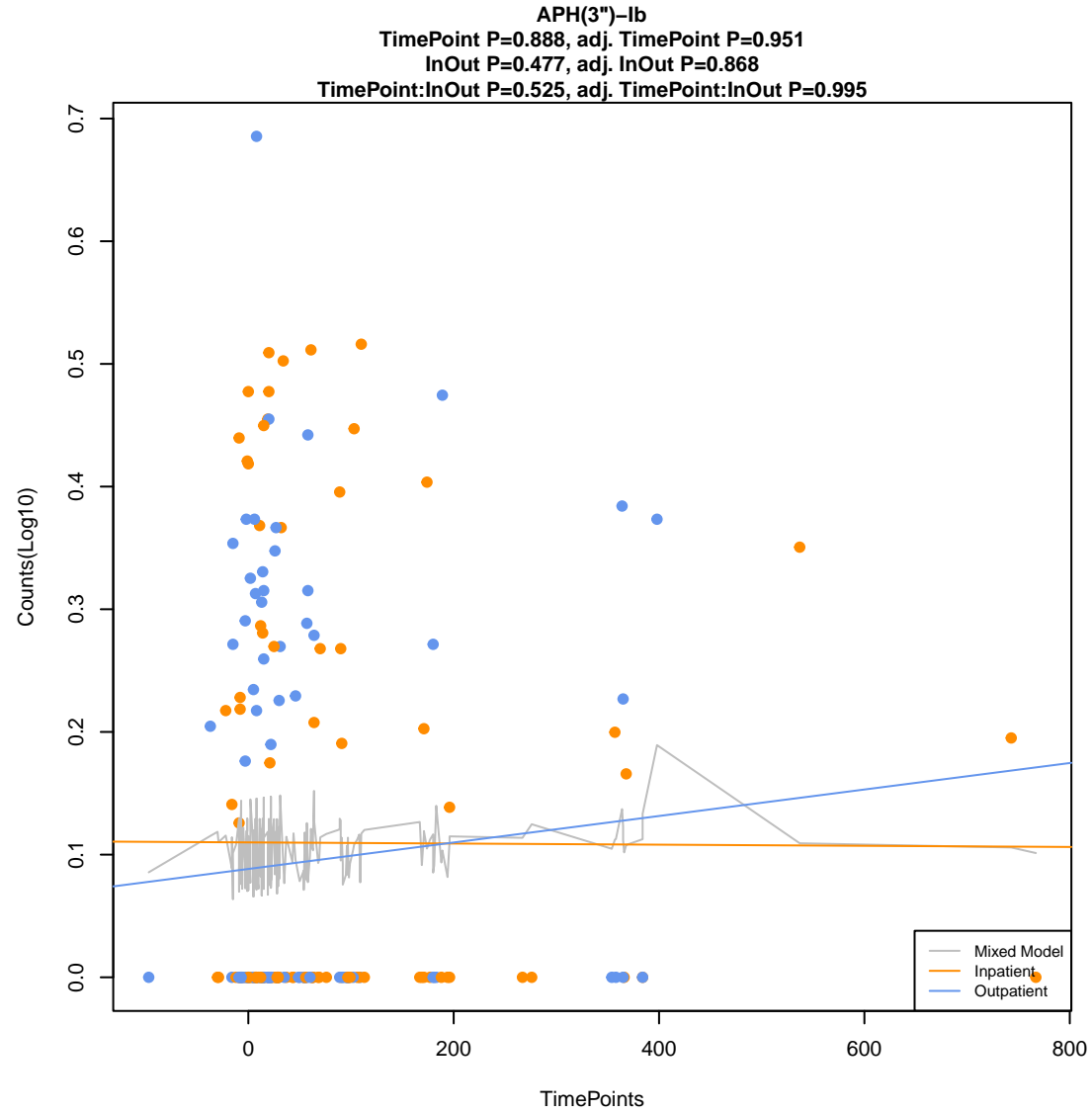
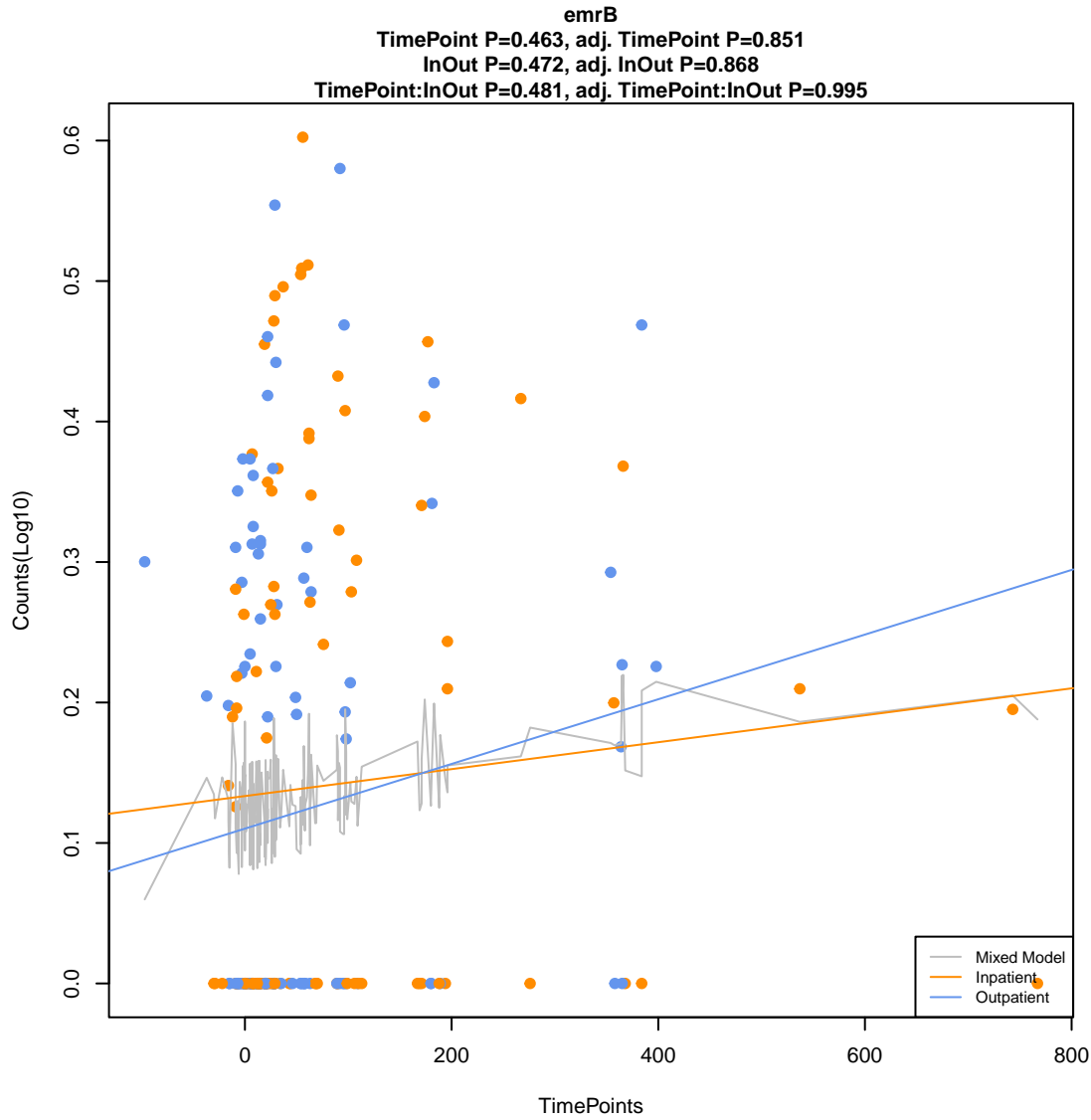


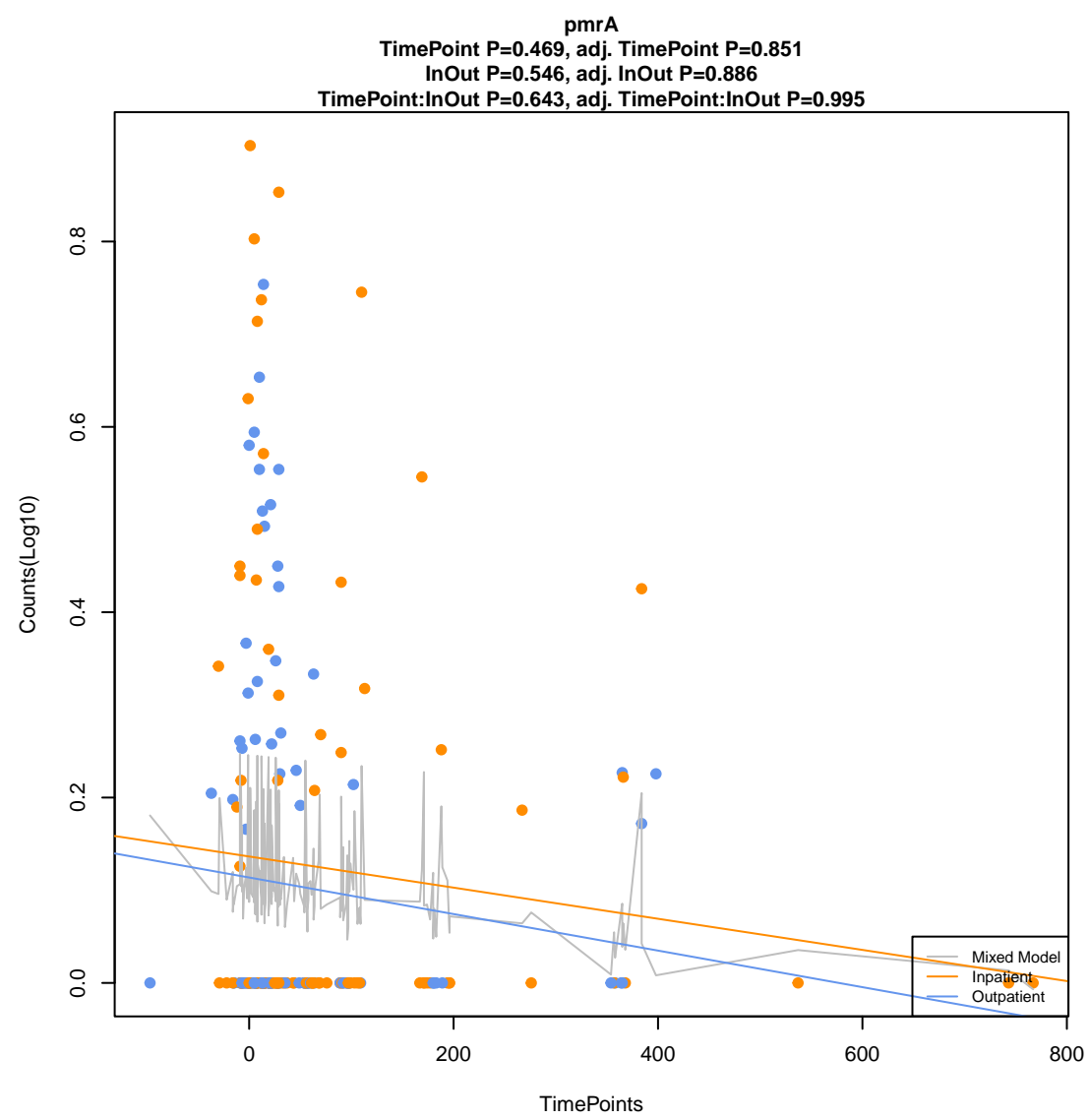
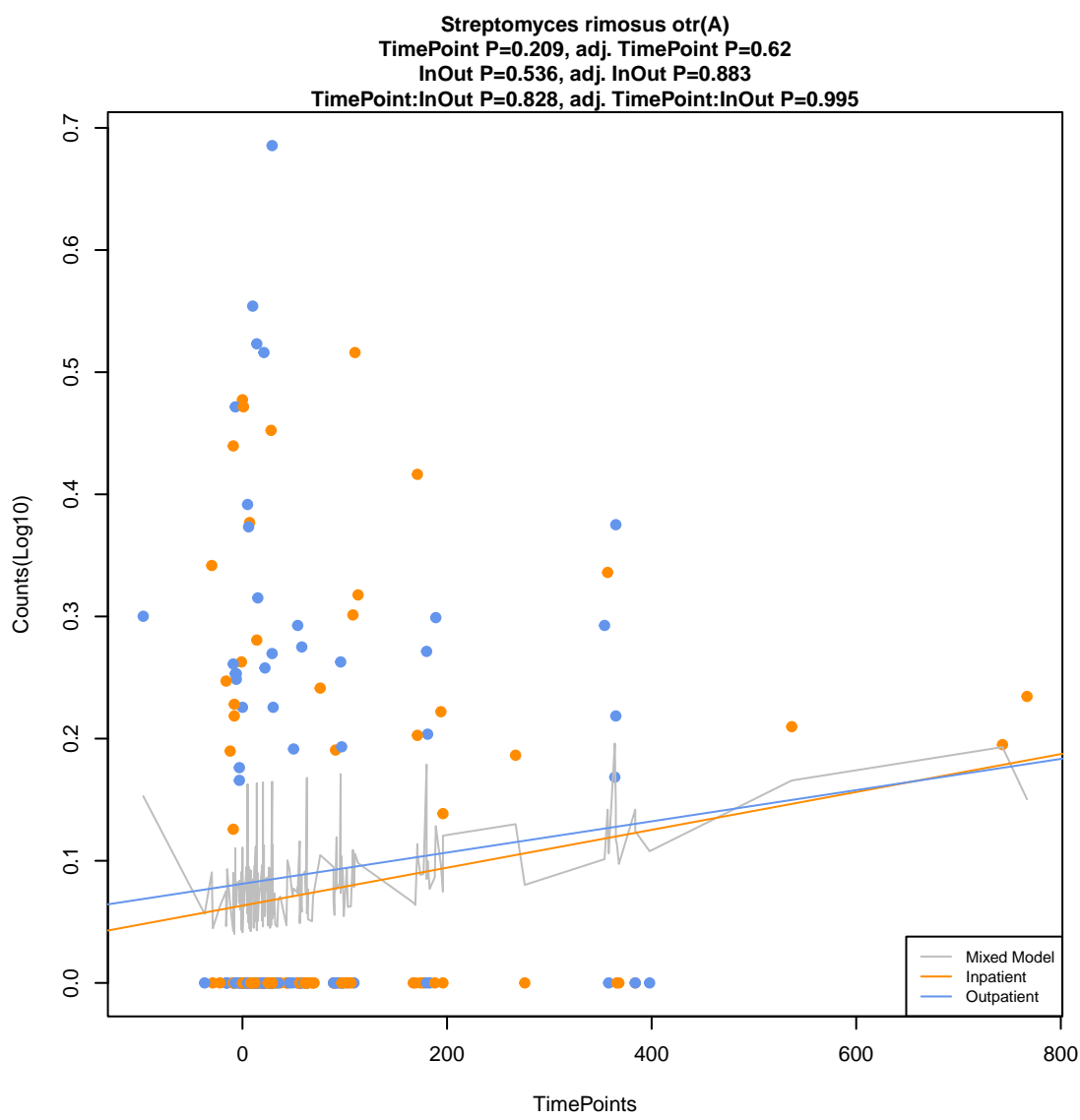
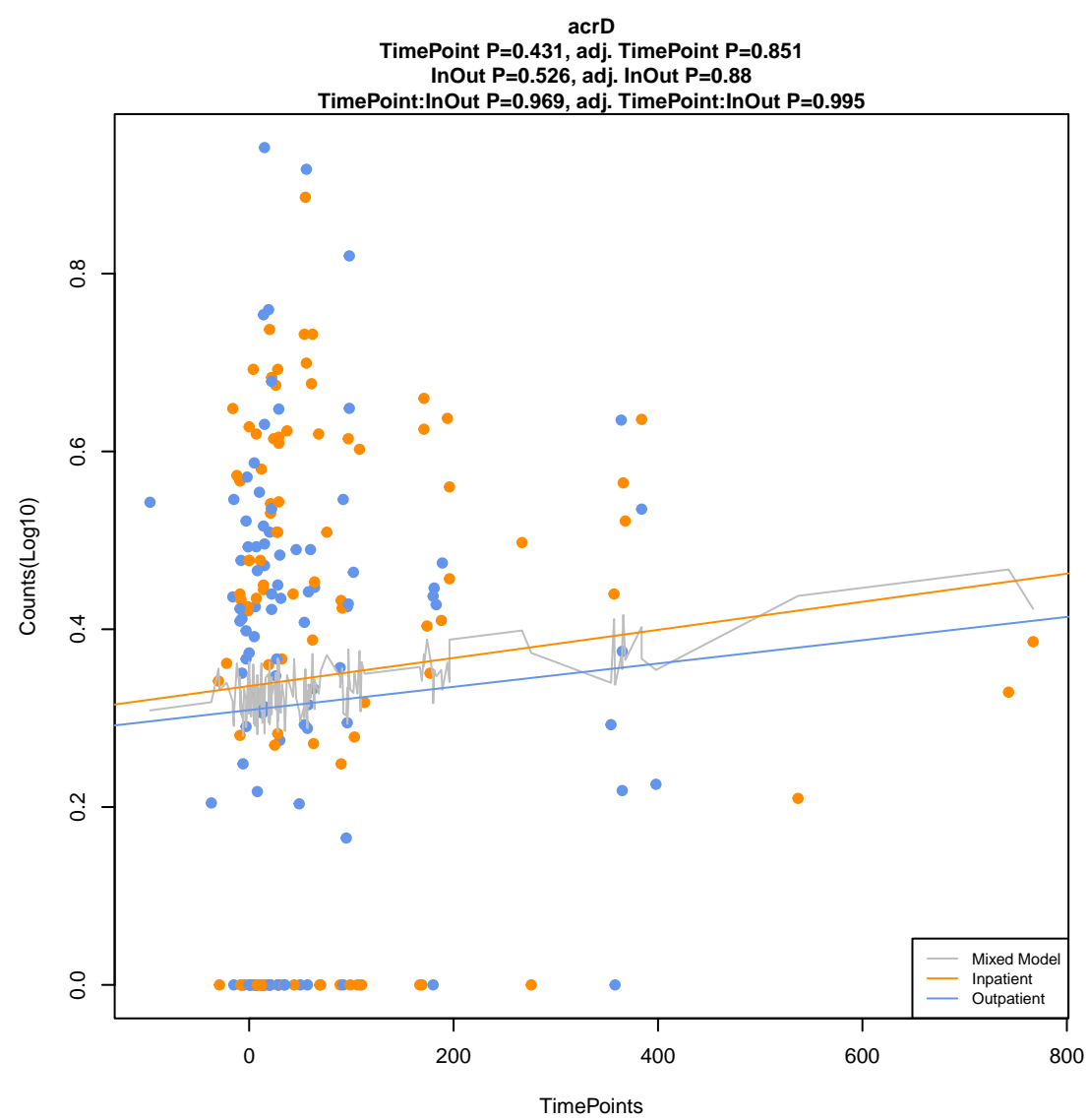
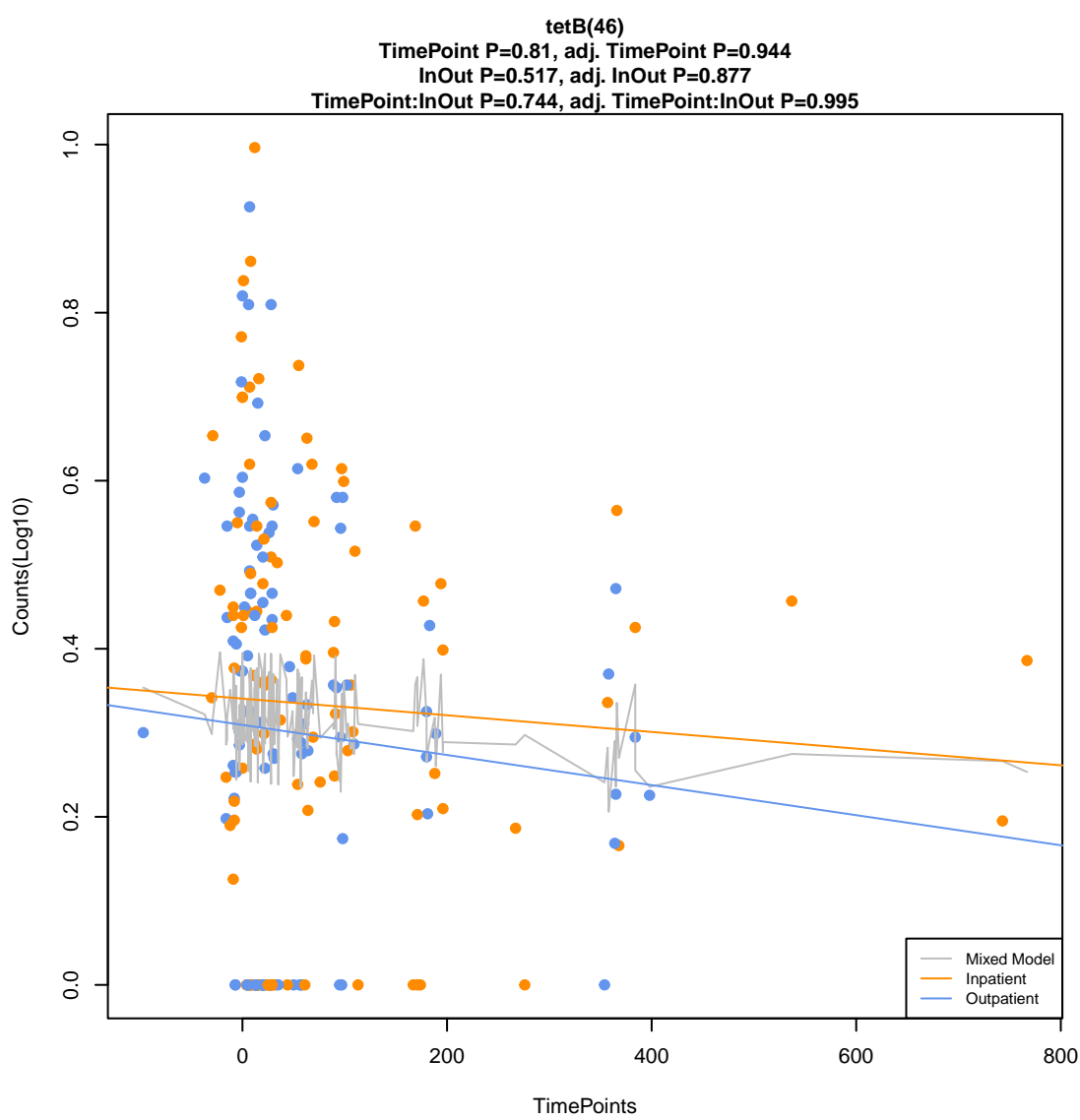
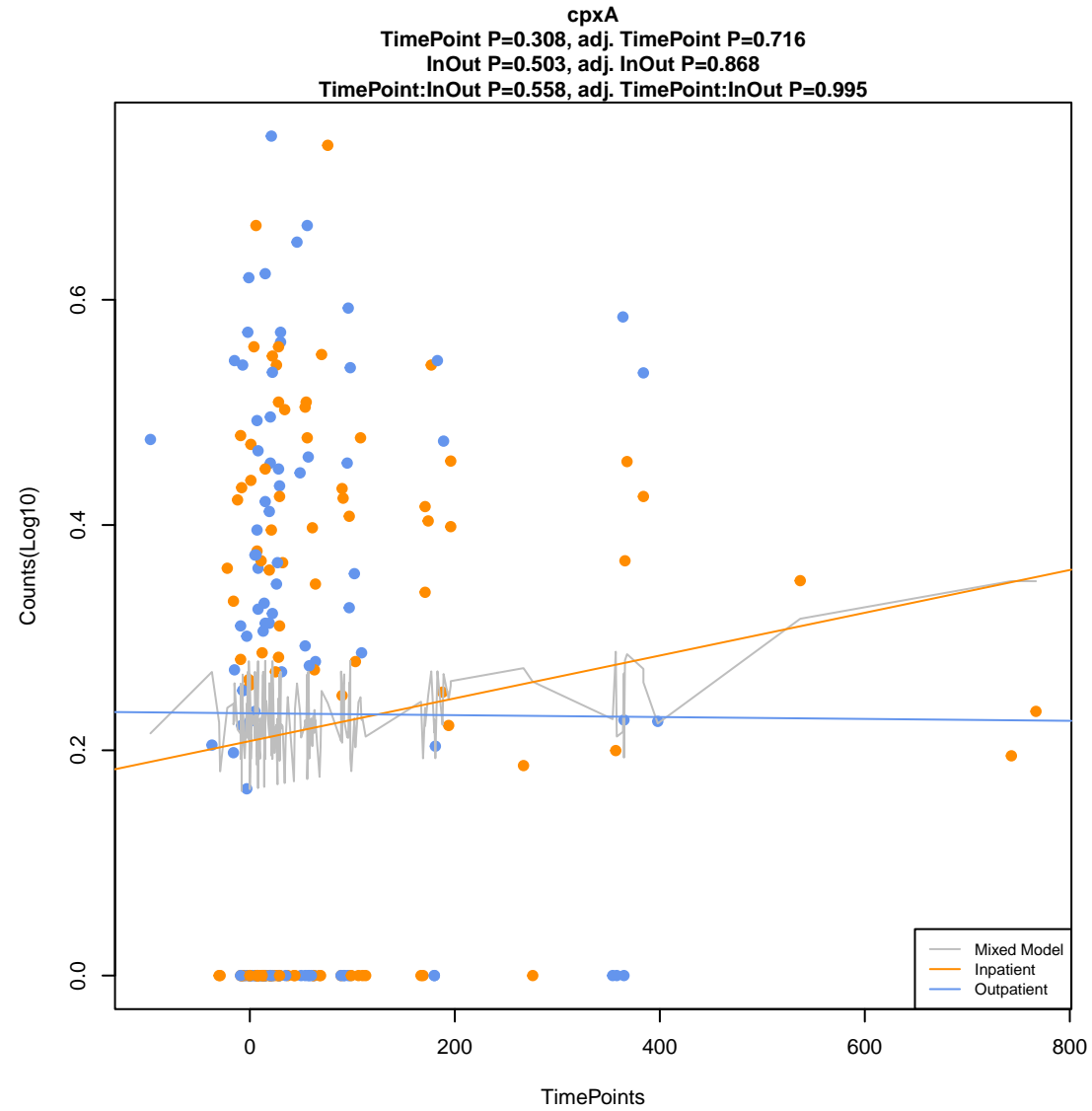
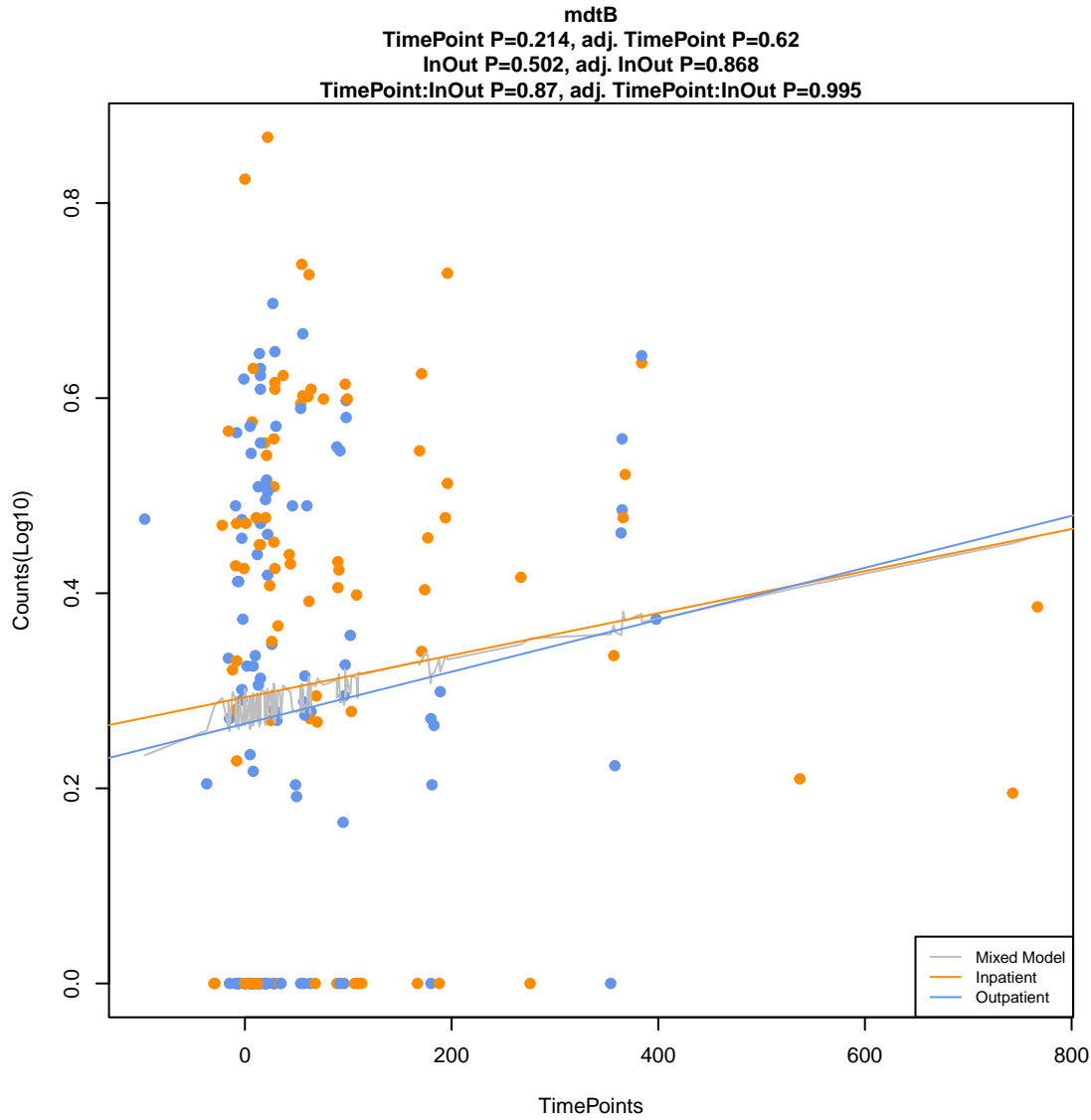
**tet(32)**  
TimePoint P=0.468, adj. TimePoint P=0.851  
InOut P=0.375, adj. InOut P=0.824  
TimePoint:InOut P=0.145, adj. TimePoint:InOut P=0.995

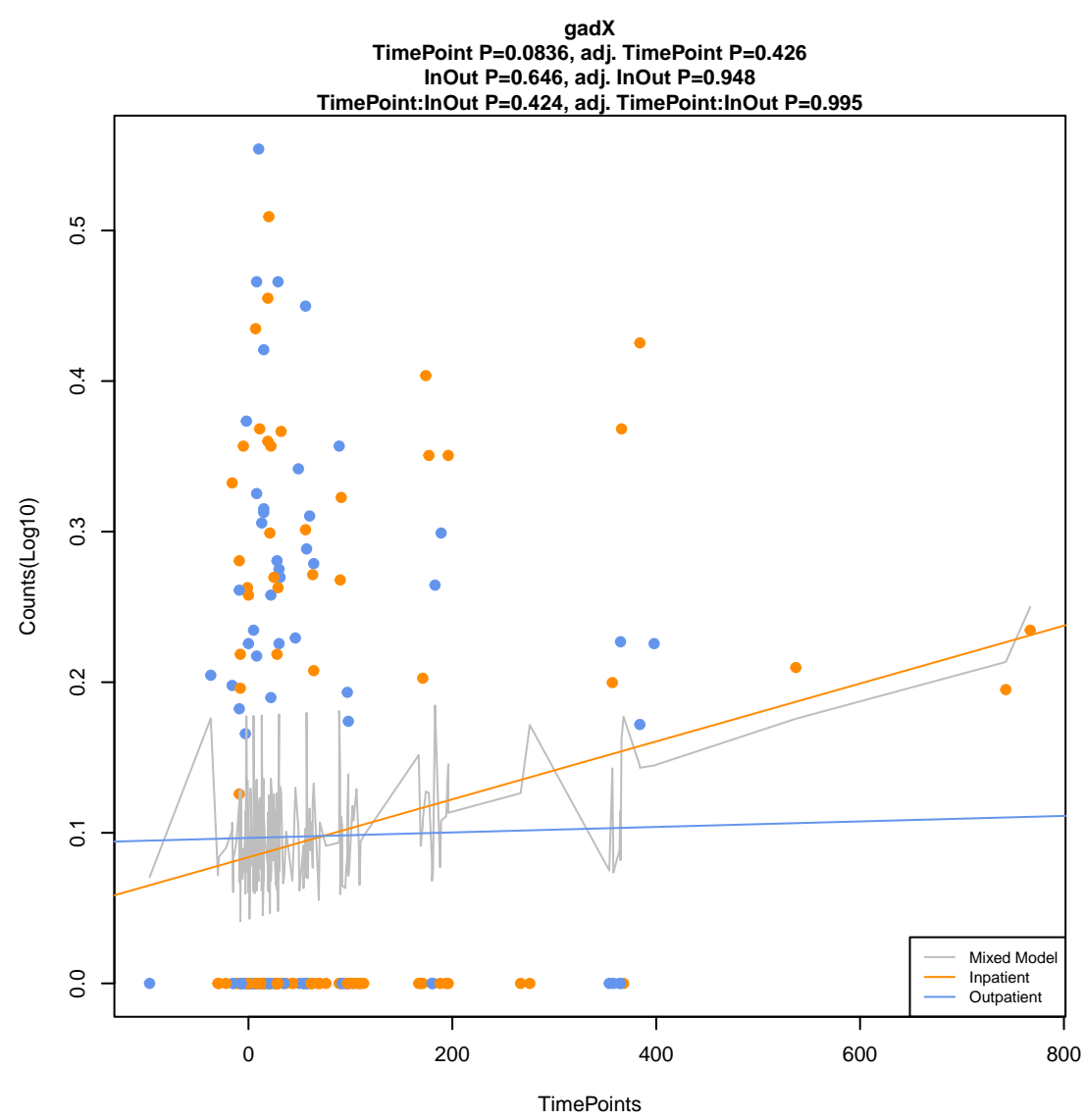
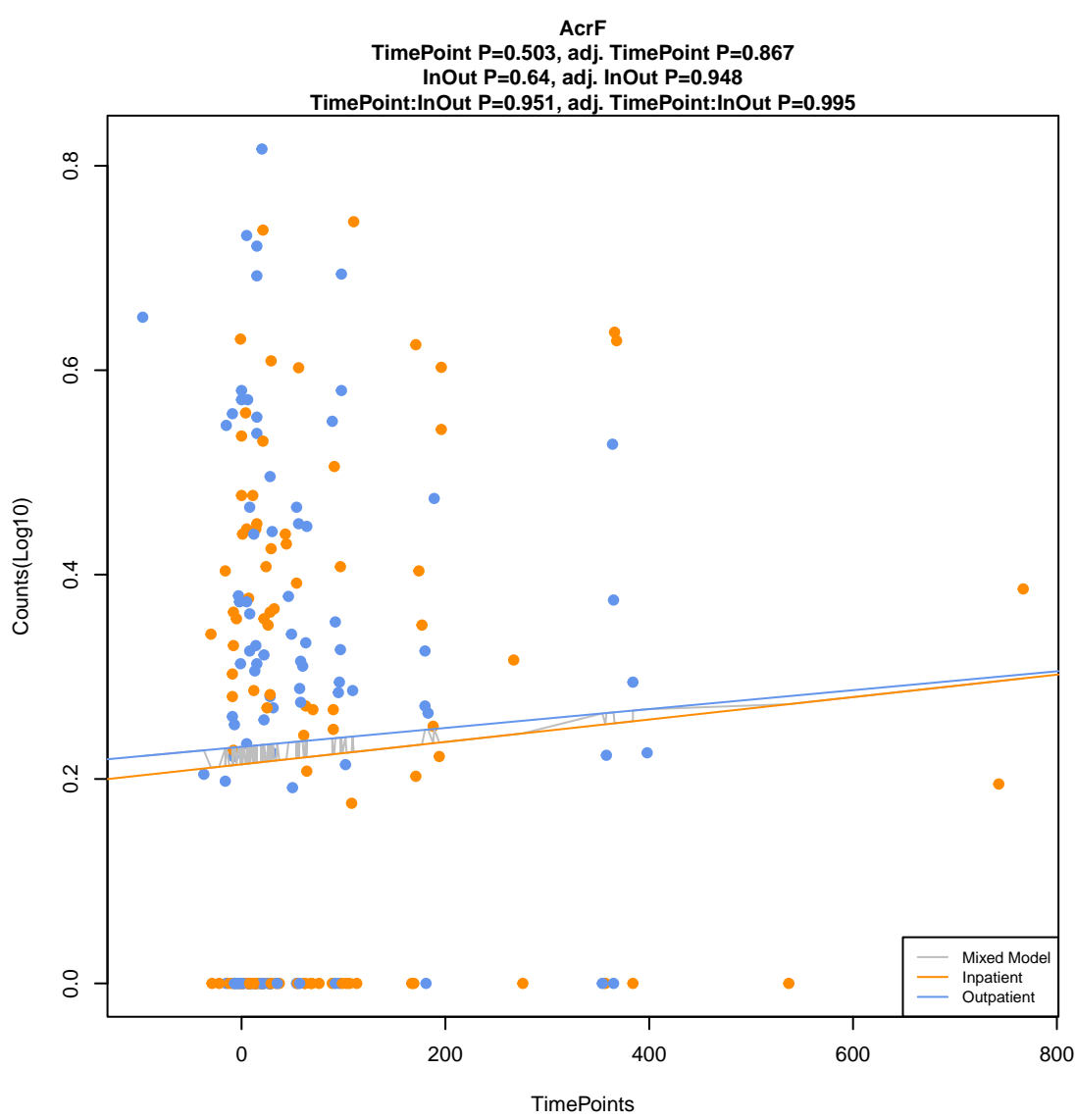
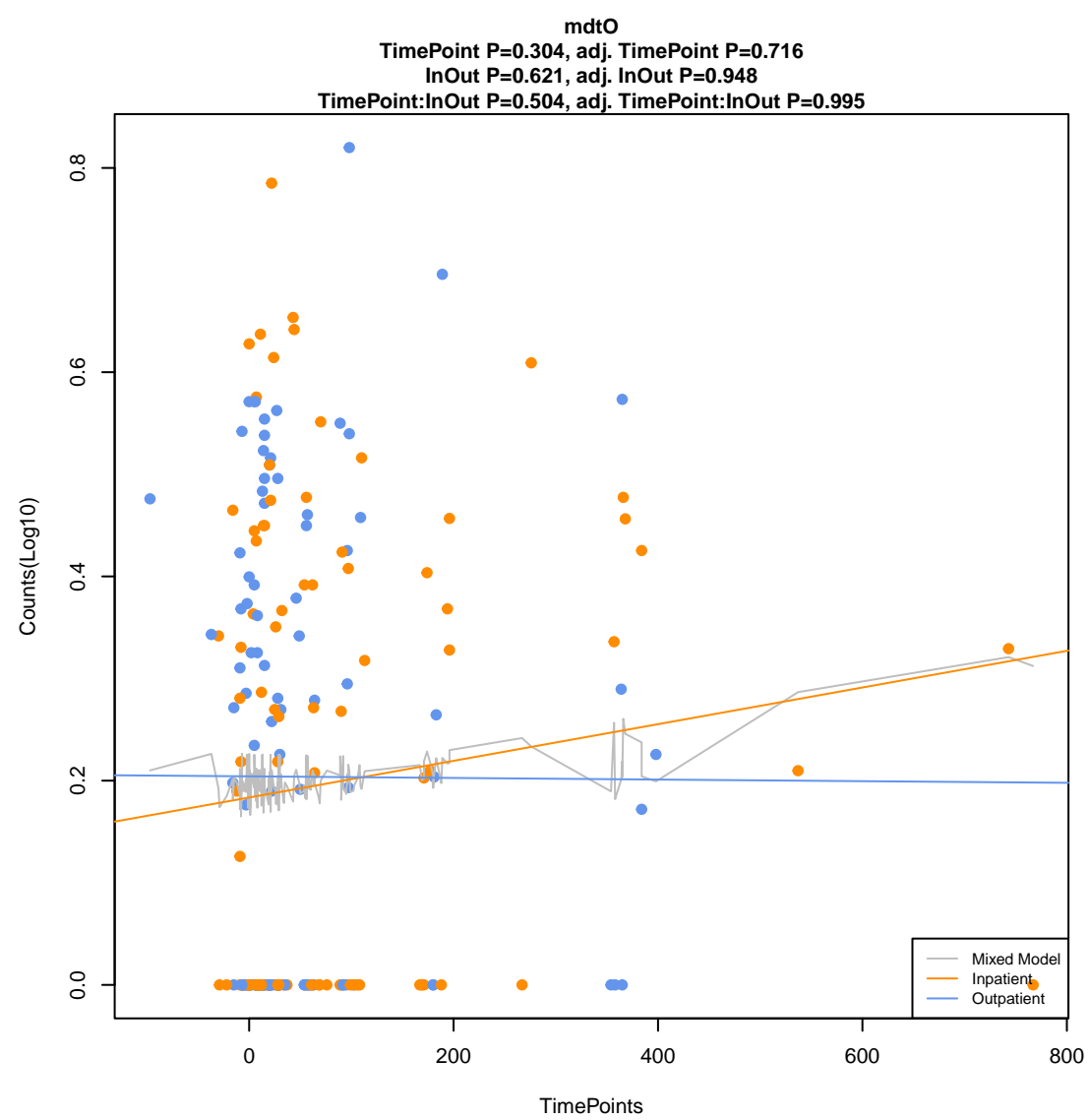
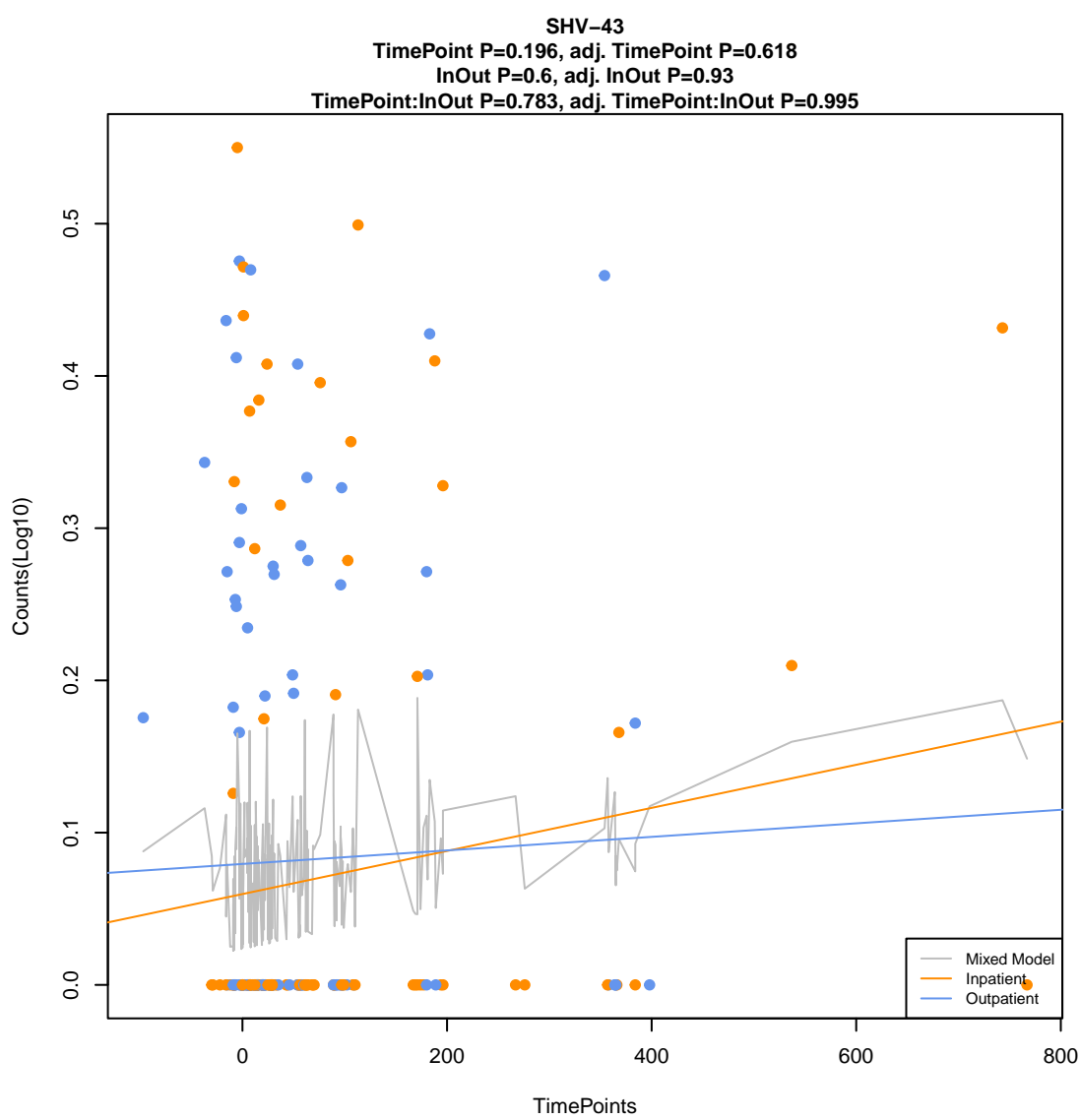
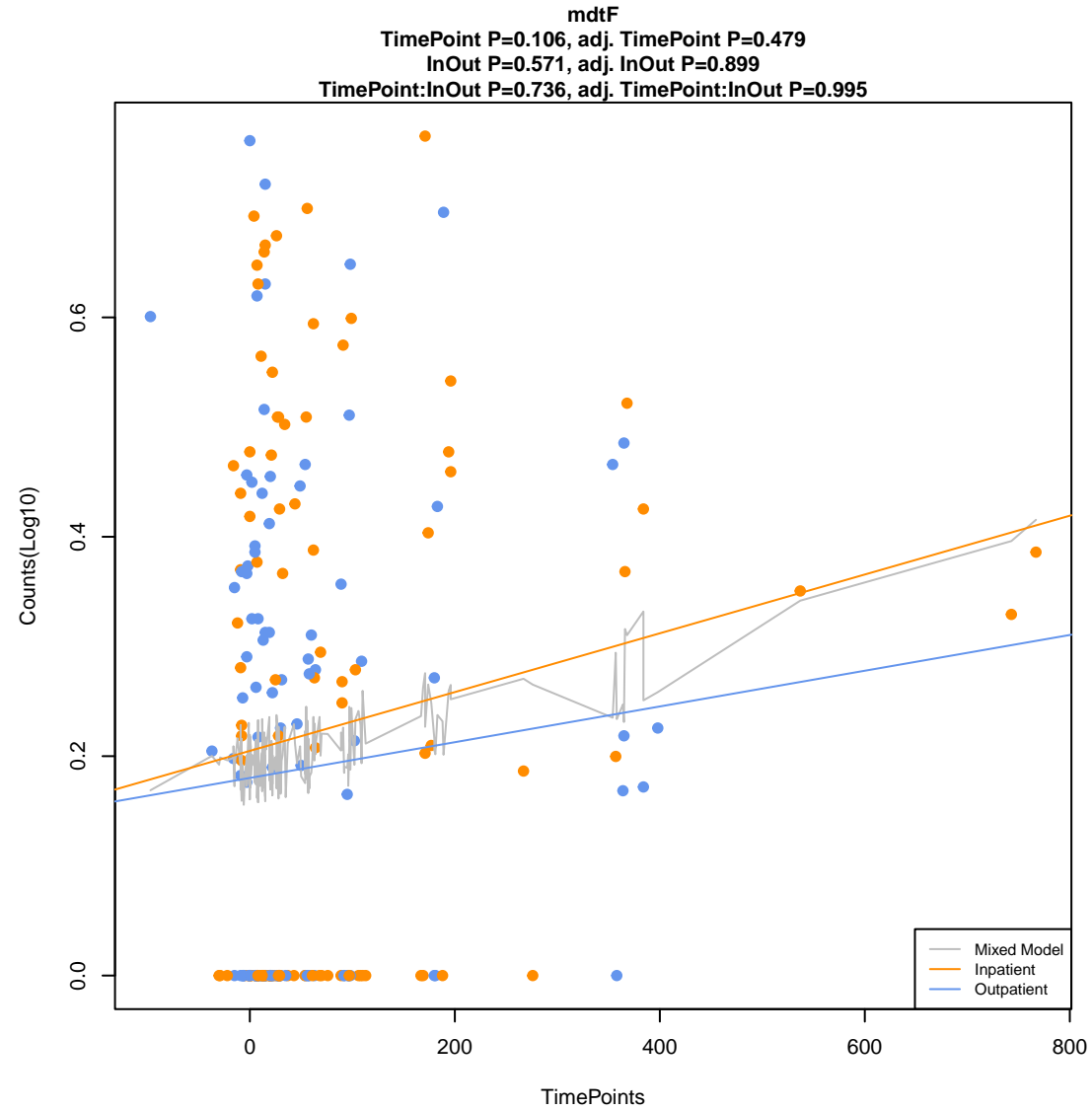
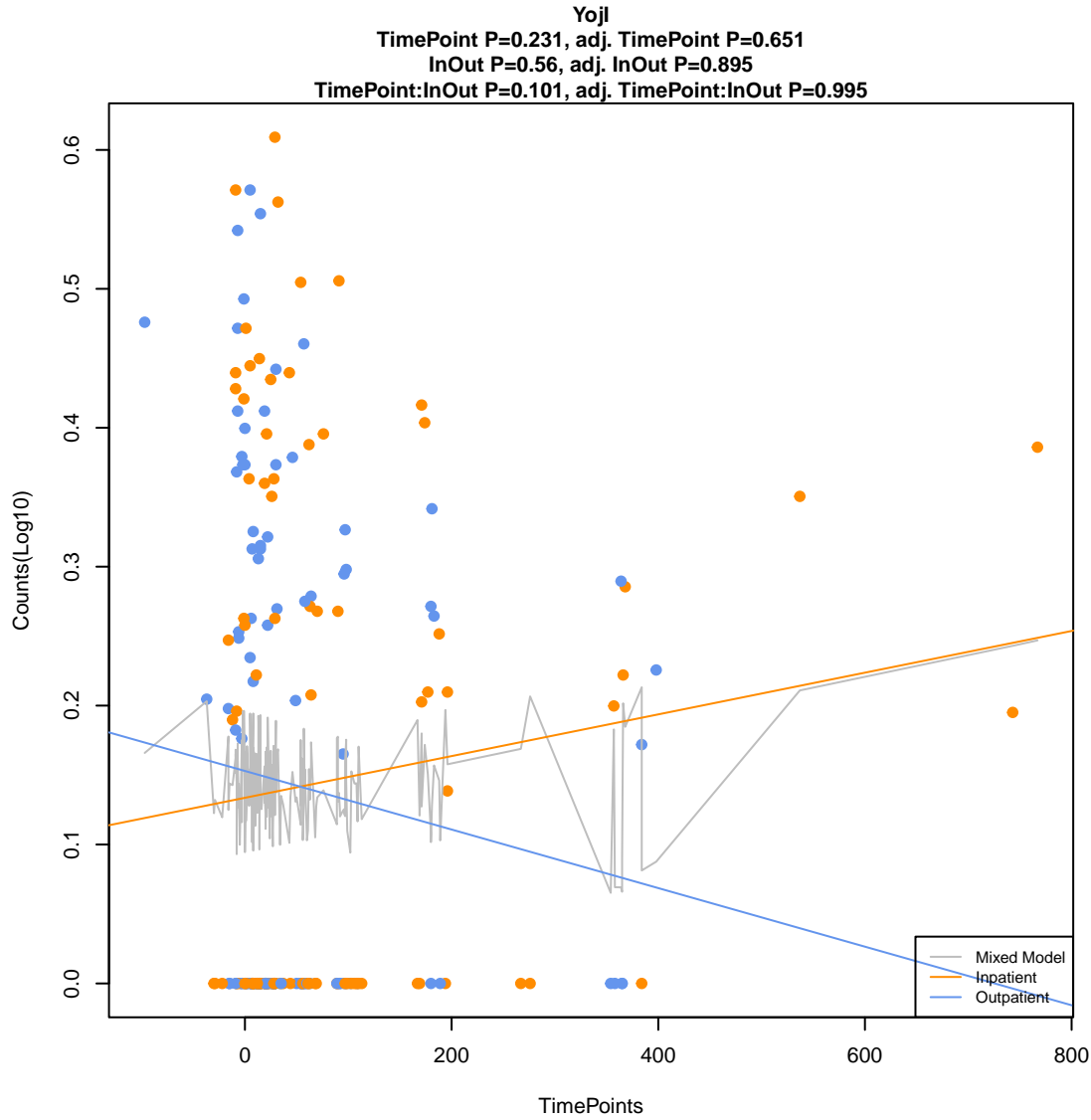


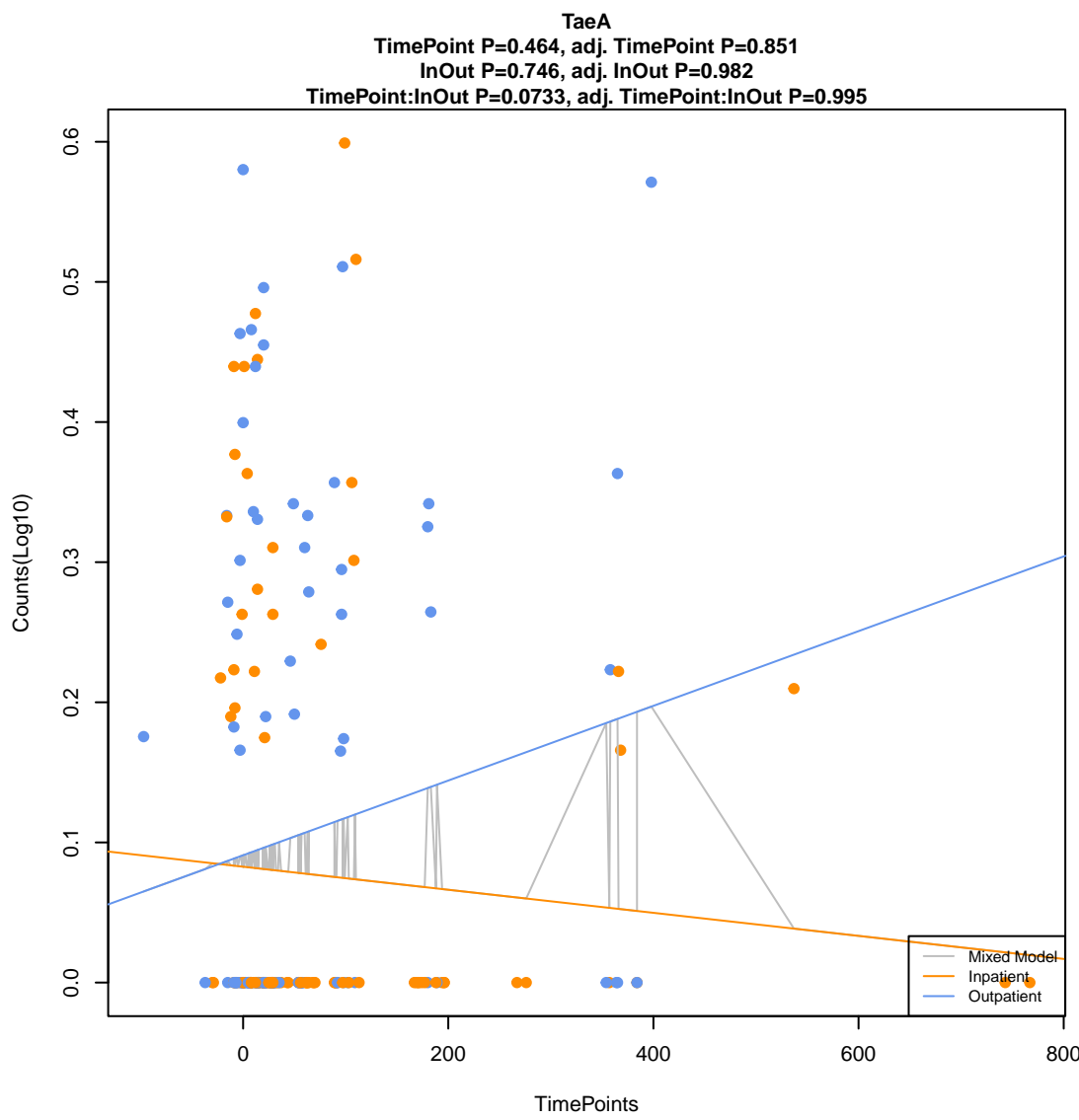
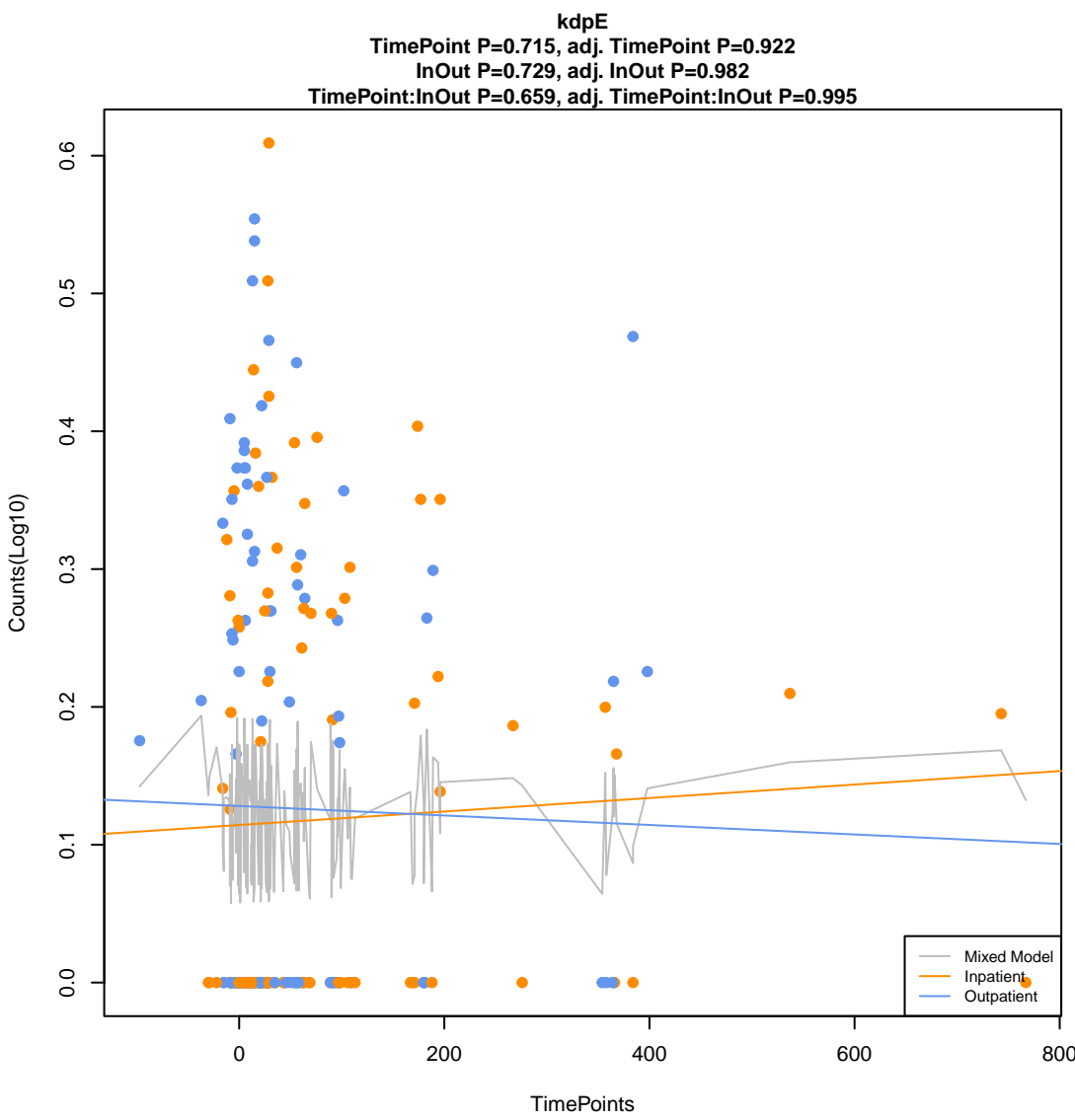
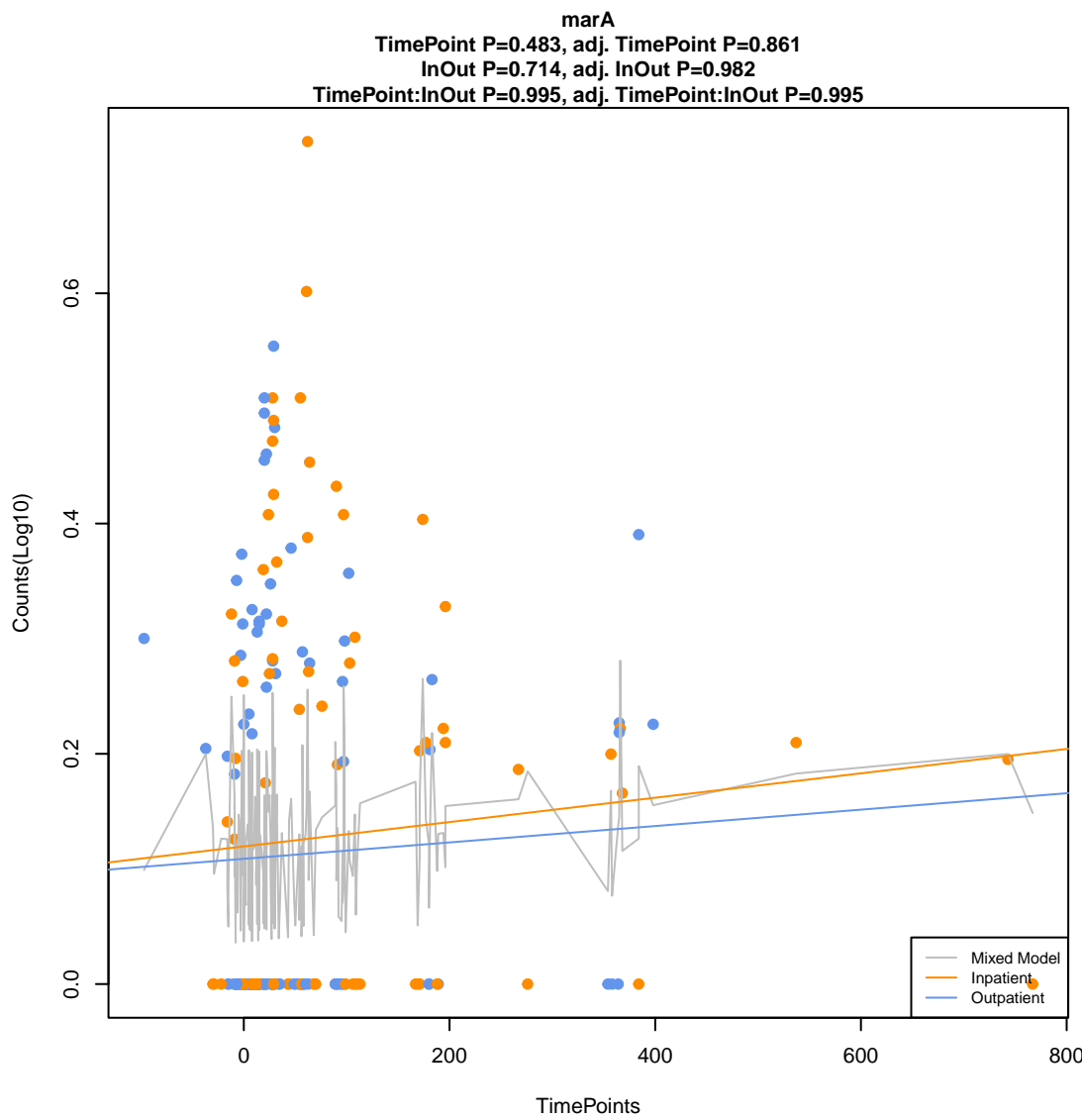
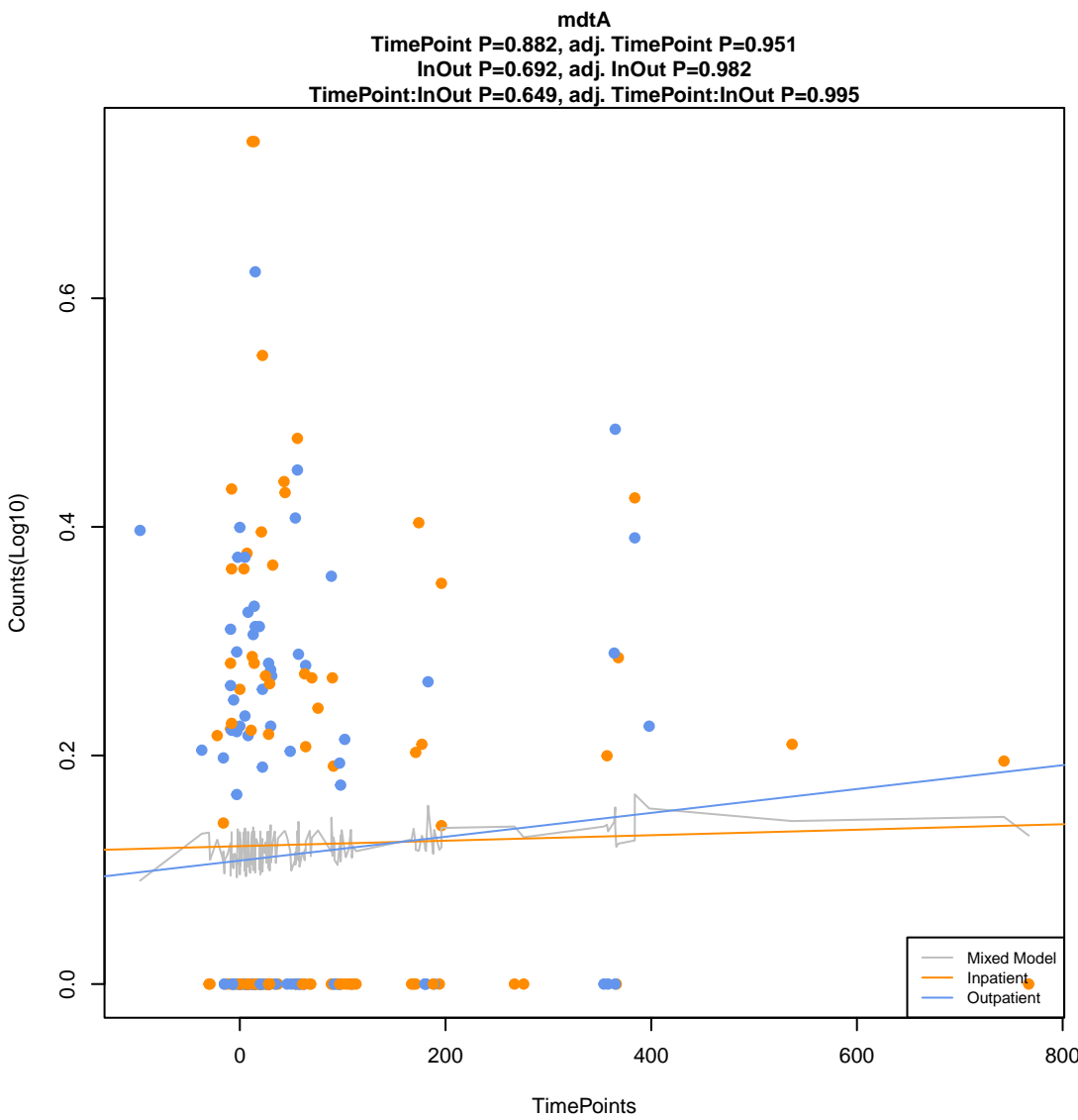
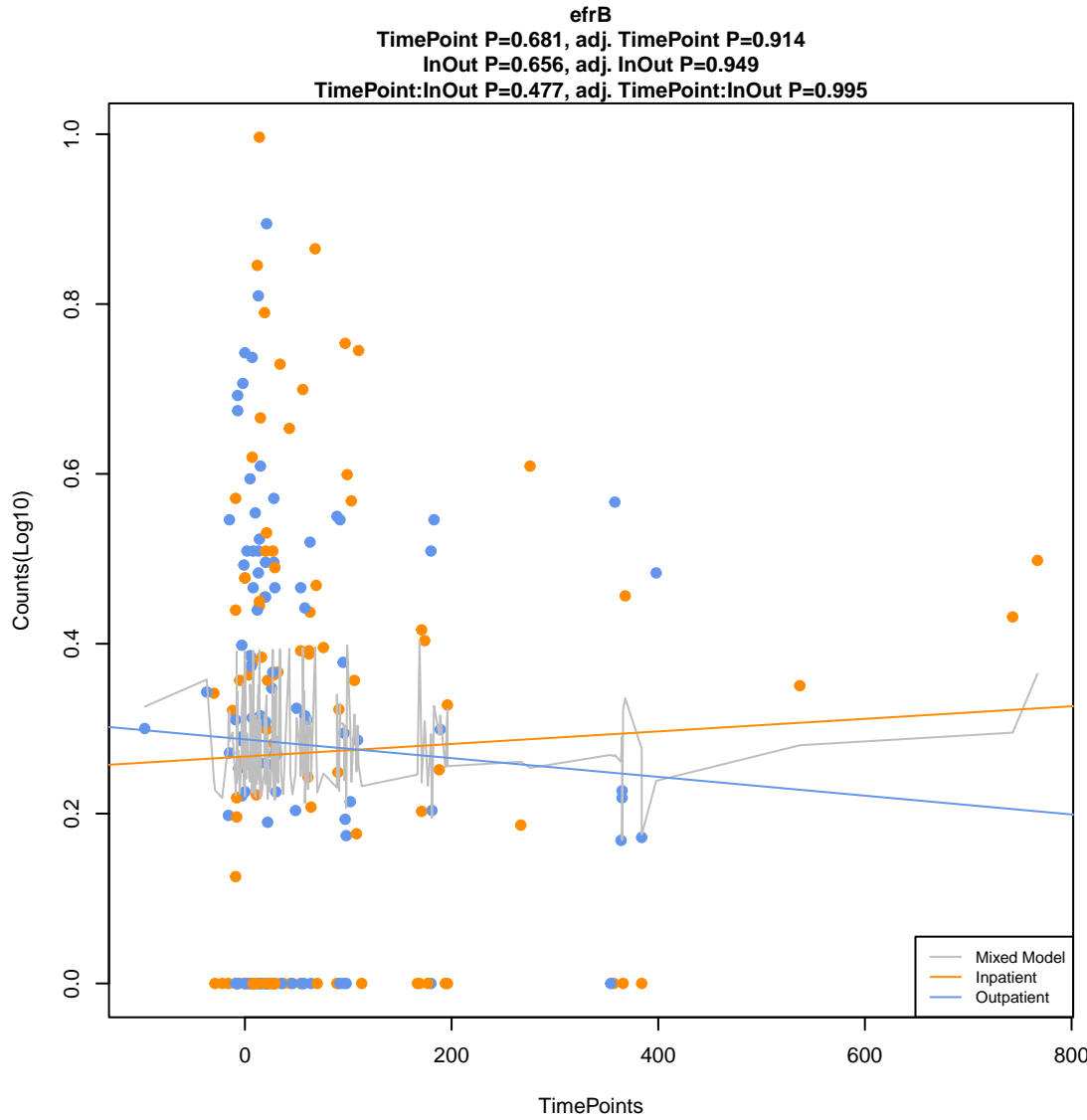
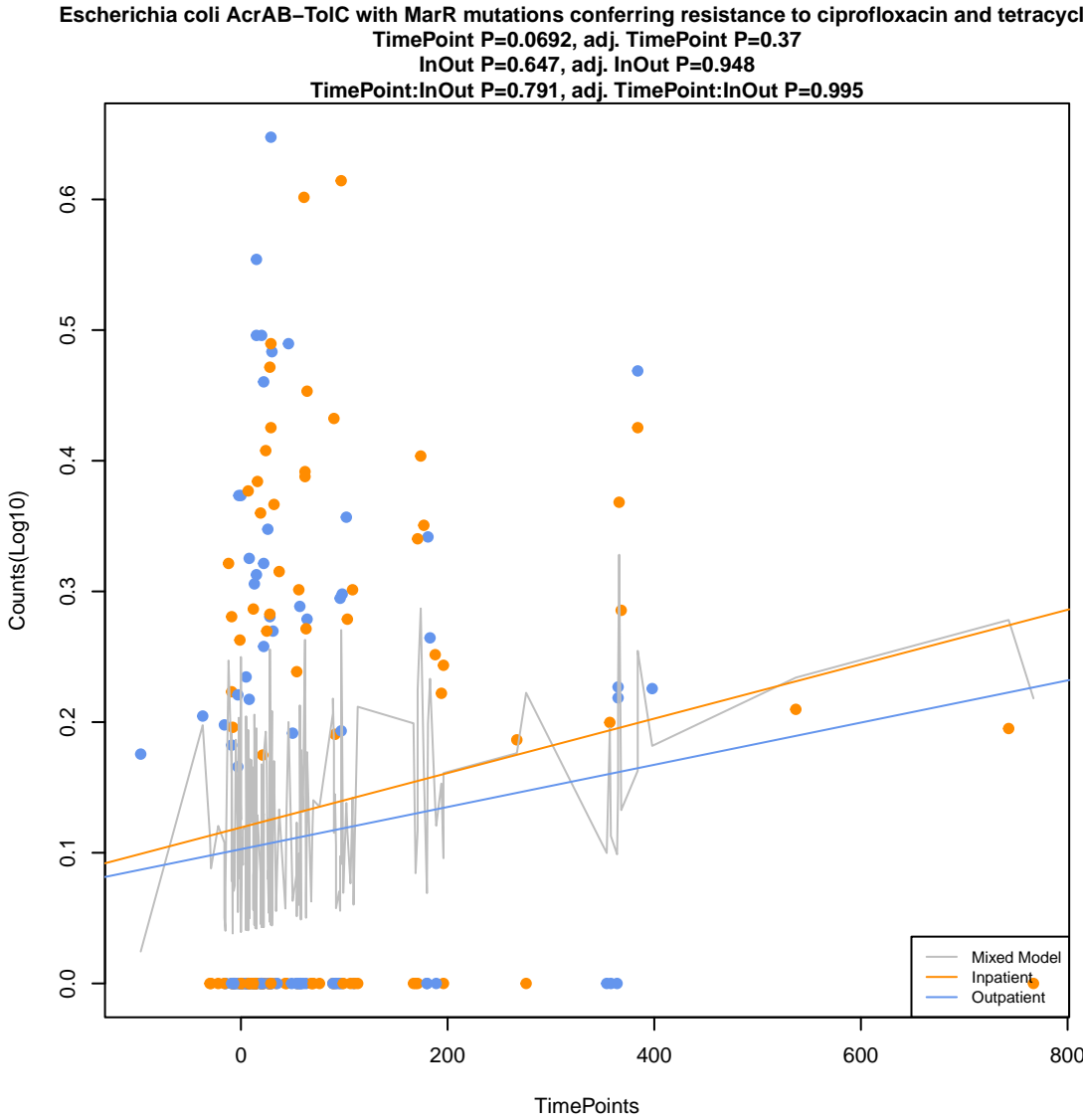






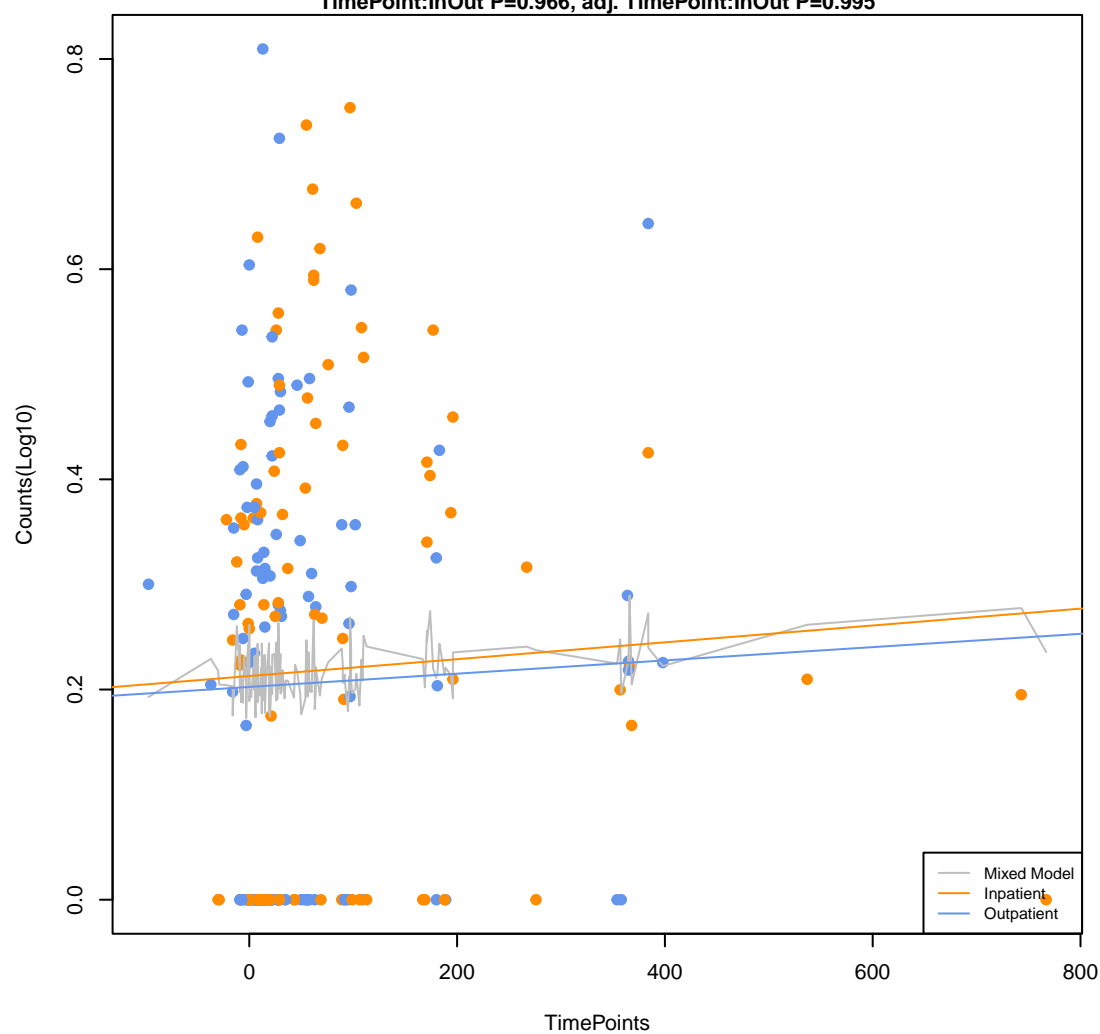






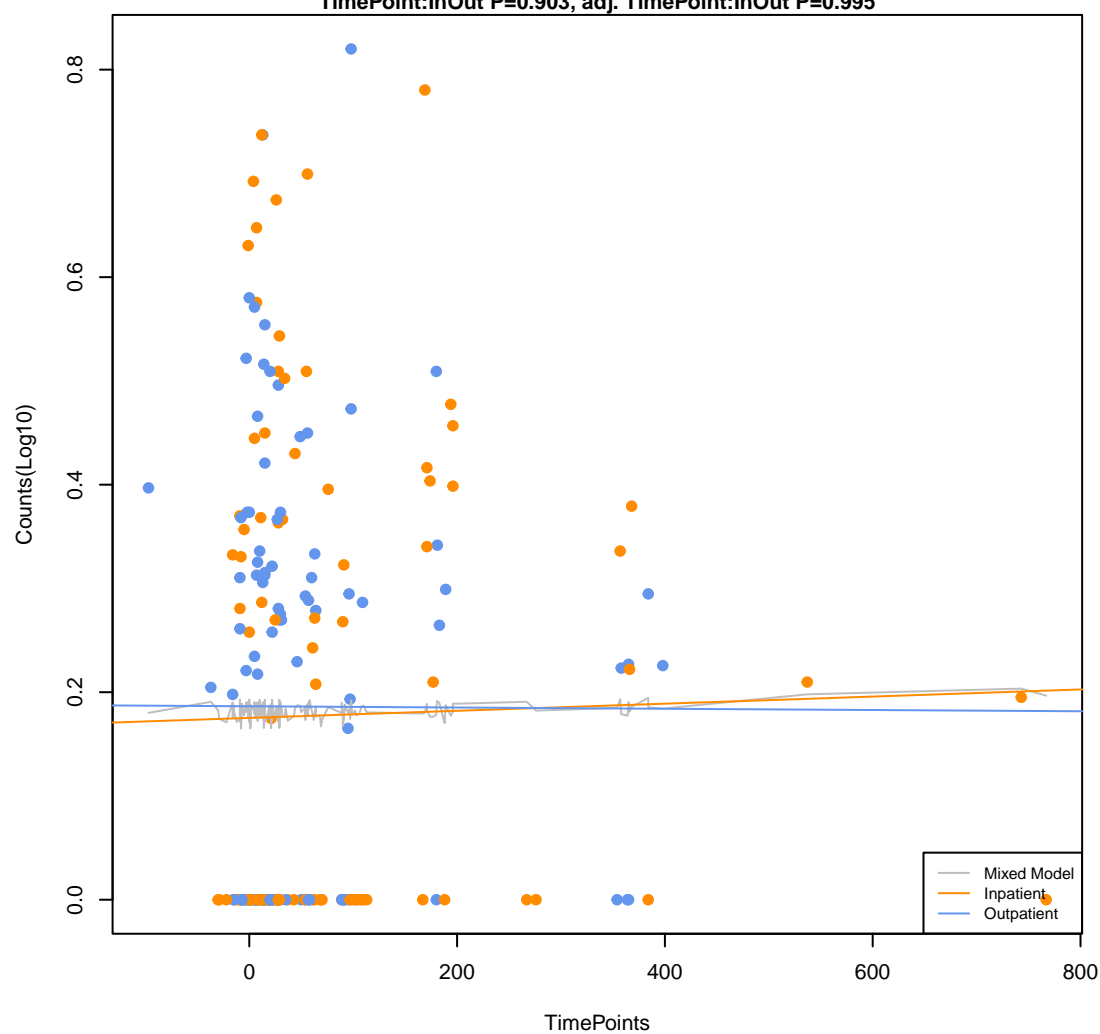
CRP

TimePoint P=0.621, adj. TimePoint P=0.914  
InOut P=0.756, adj. InOut P=0.982  
TimePoint:InOut P=0.966, adj. TimePoint:InOut P=0.995



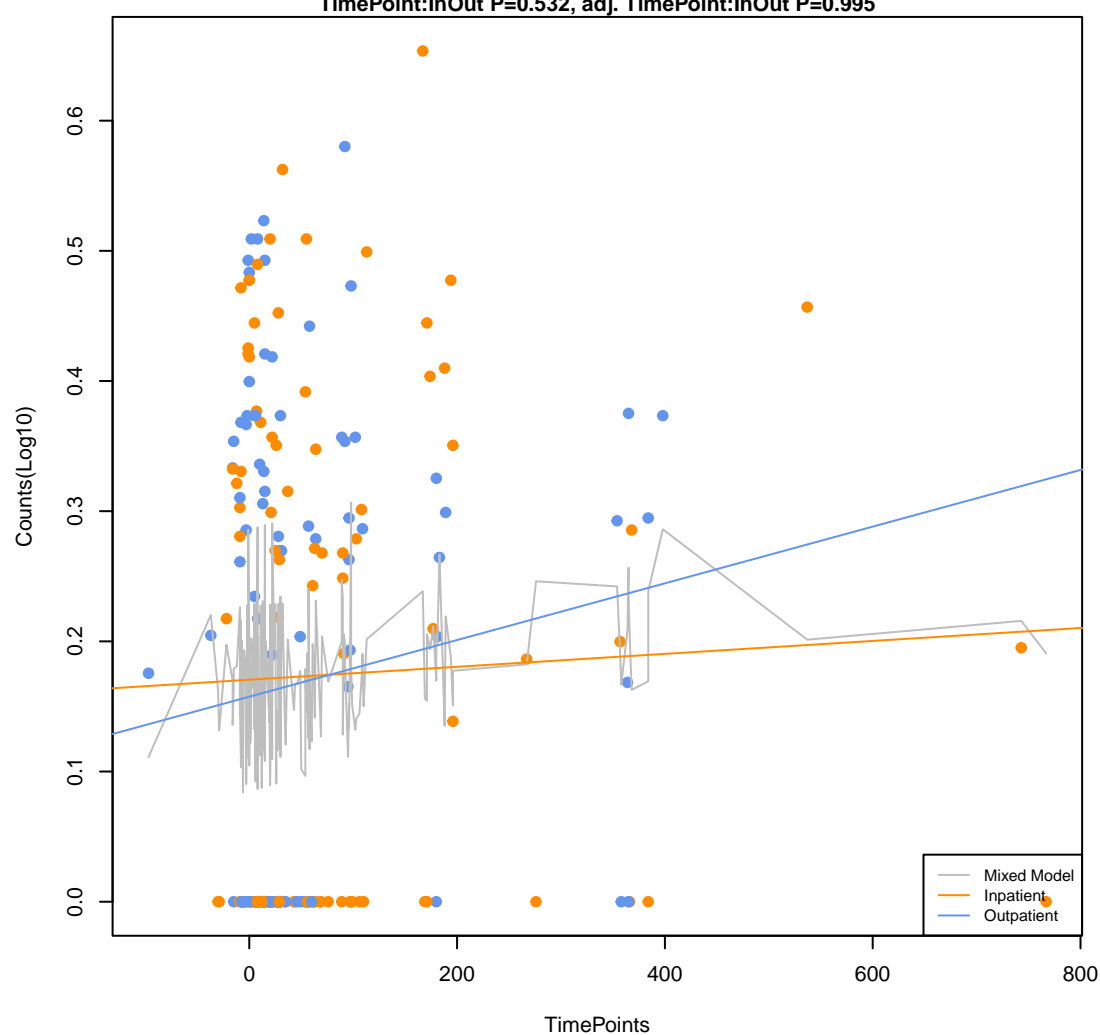
ToIC

TimePoint P=0.864, adj. TimePoint P=0.951  
InOut P=0.76, adj. InOut P=0.982  
TimePoint:InOut P=0.903, adj. TimePoint:InOut P=0.995



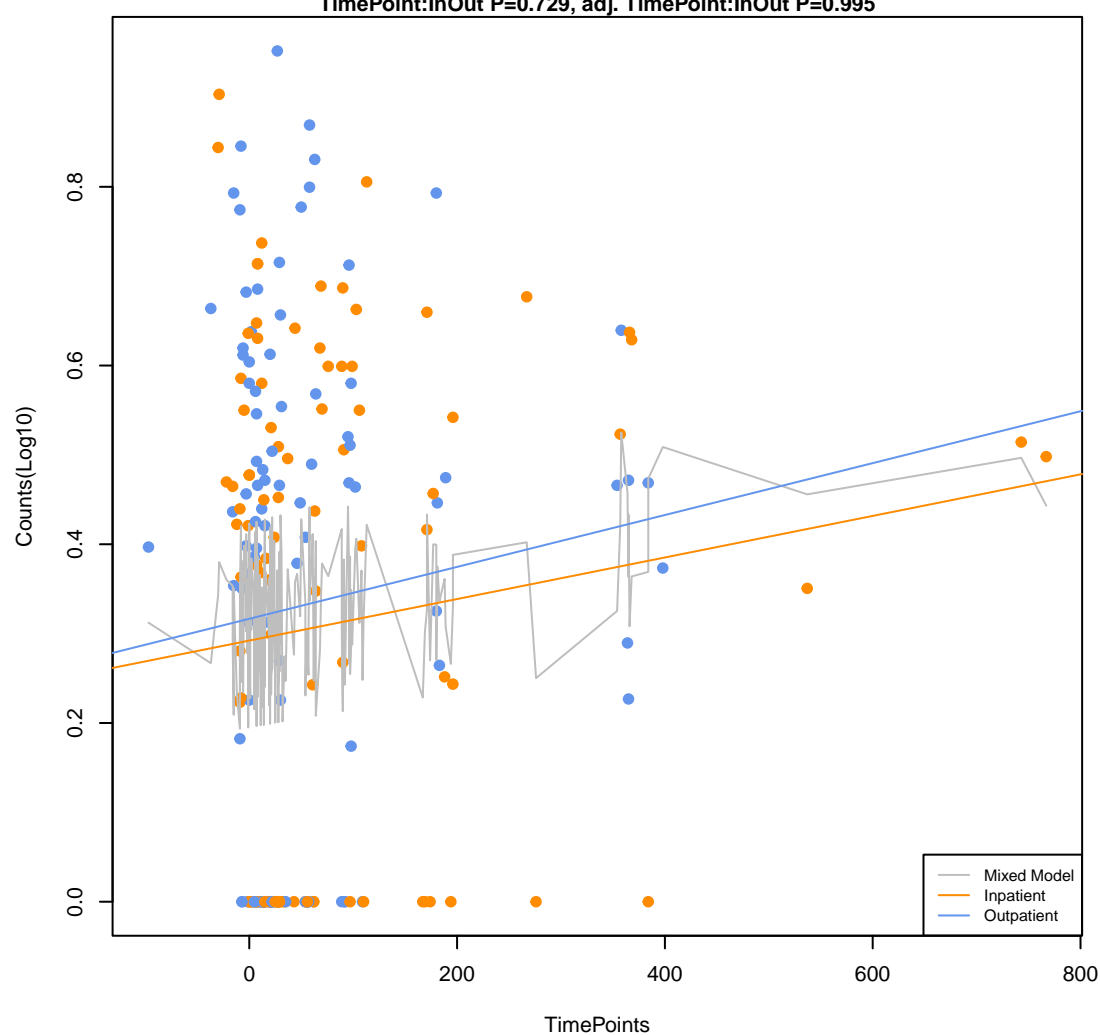
mdtG

TimePoint P=0.598, adj. TimePoint P=0.914  
InOut P=0.779, adj. InOut P=0.982  
TimePoint:InOut P=0.532, adj. TimePoint:InOut P=0.995



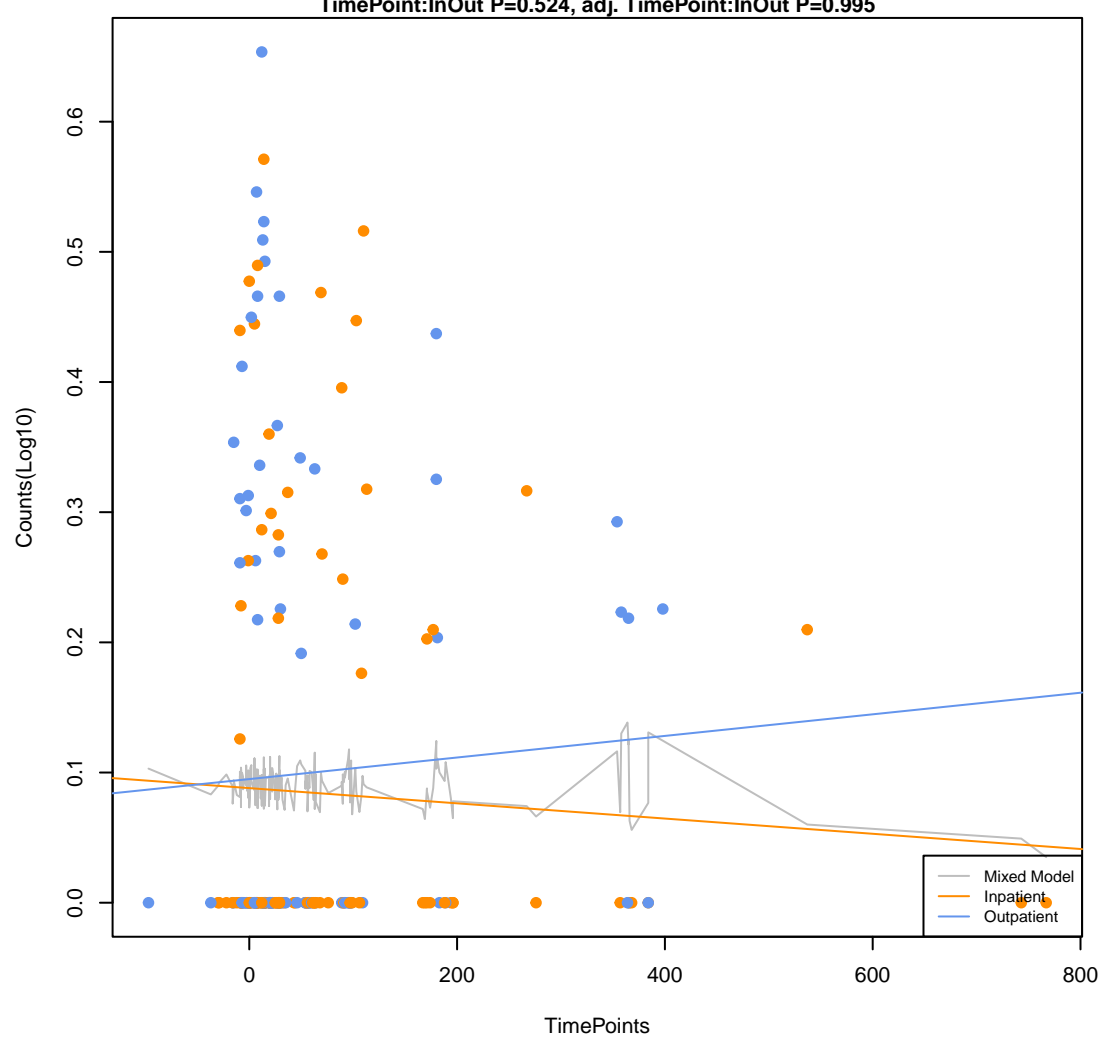
vanI

TimePoint P=0.314, adj. TimePoint P=0.716  
InOut P=0.782, adj. InOut P=0.982  
TimePoint:InOut P=0.729, adj. TimePoint:InOut P=0.995



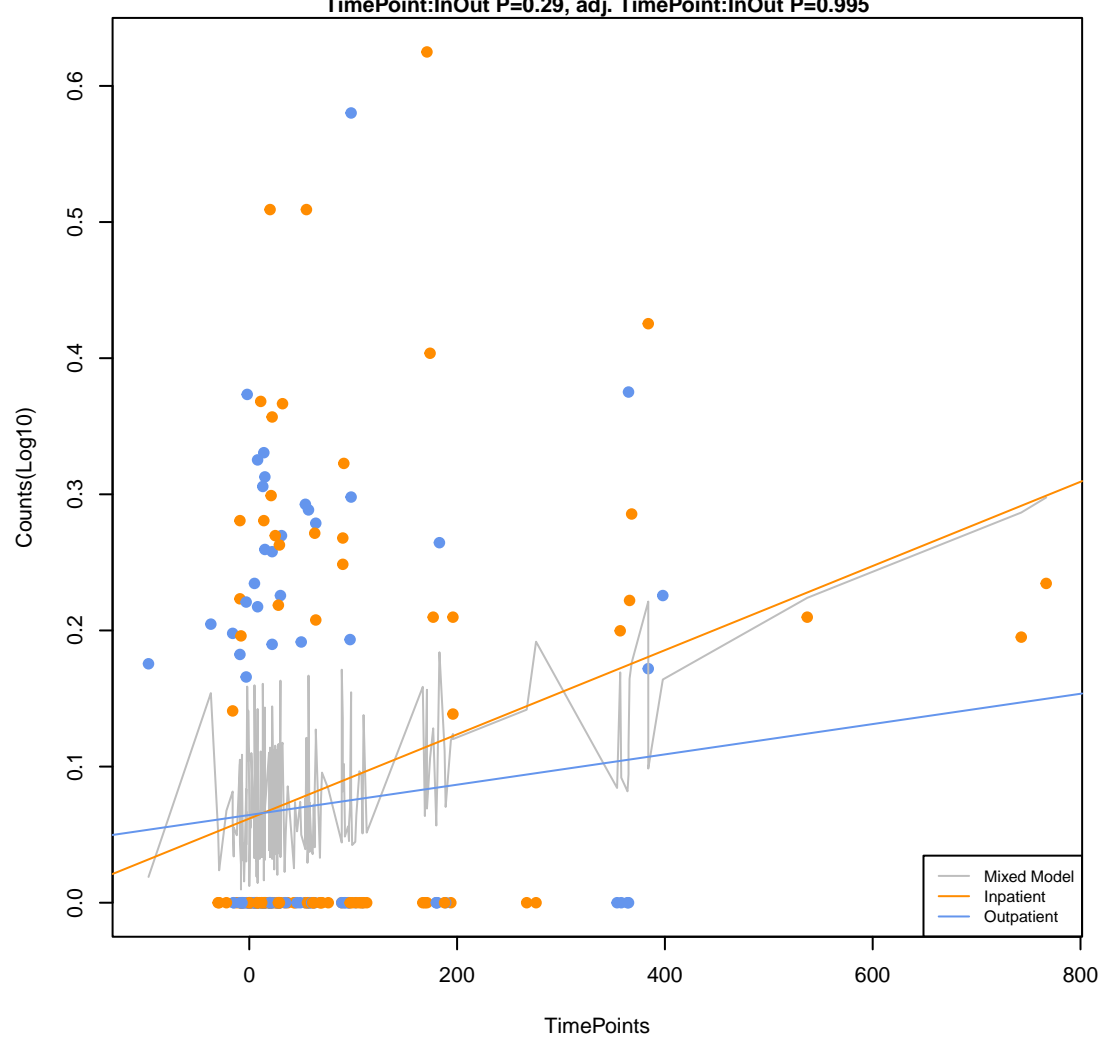
oleB

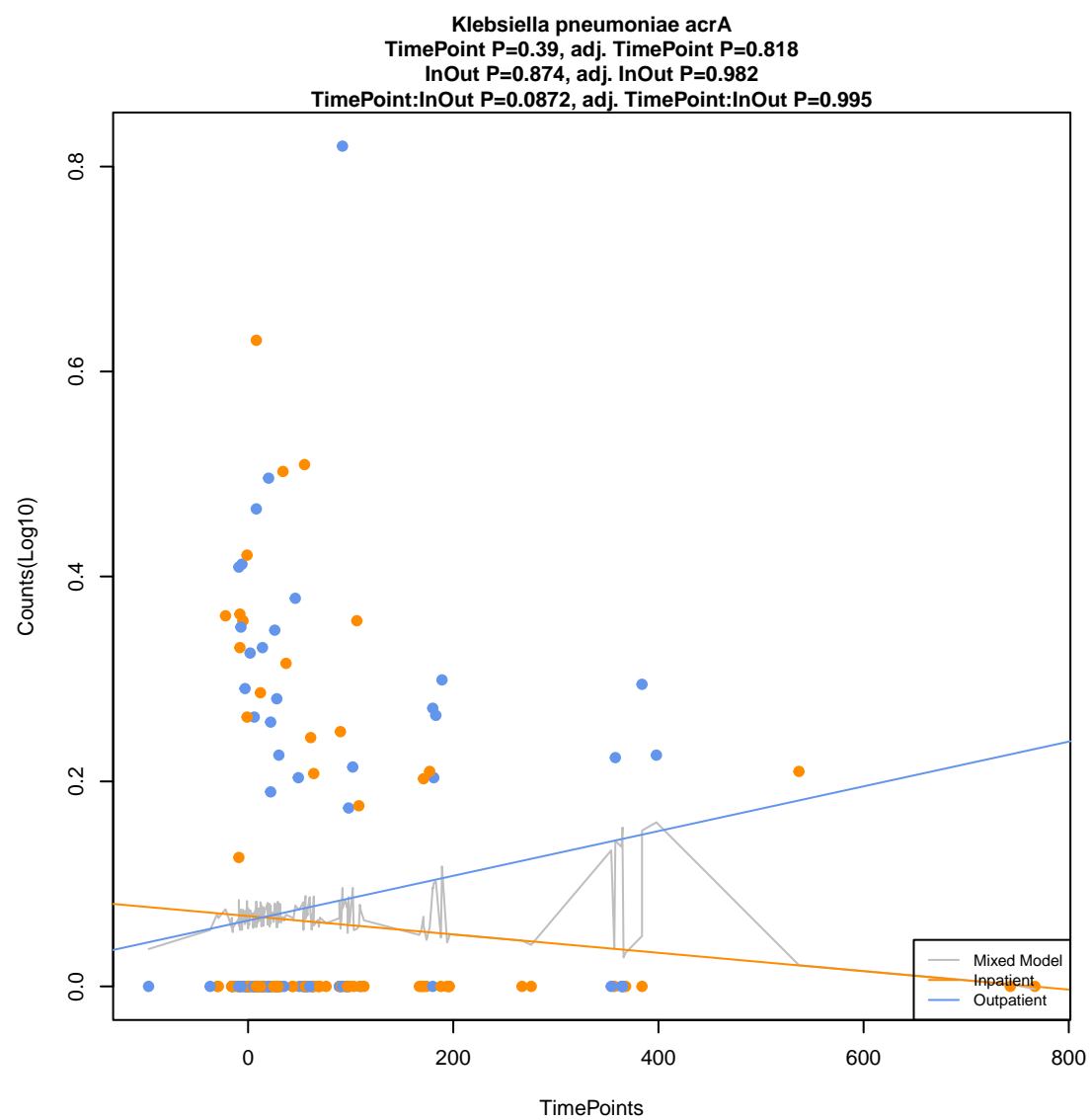
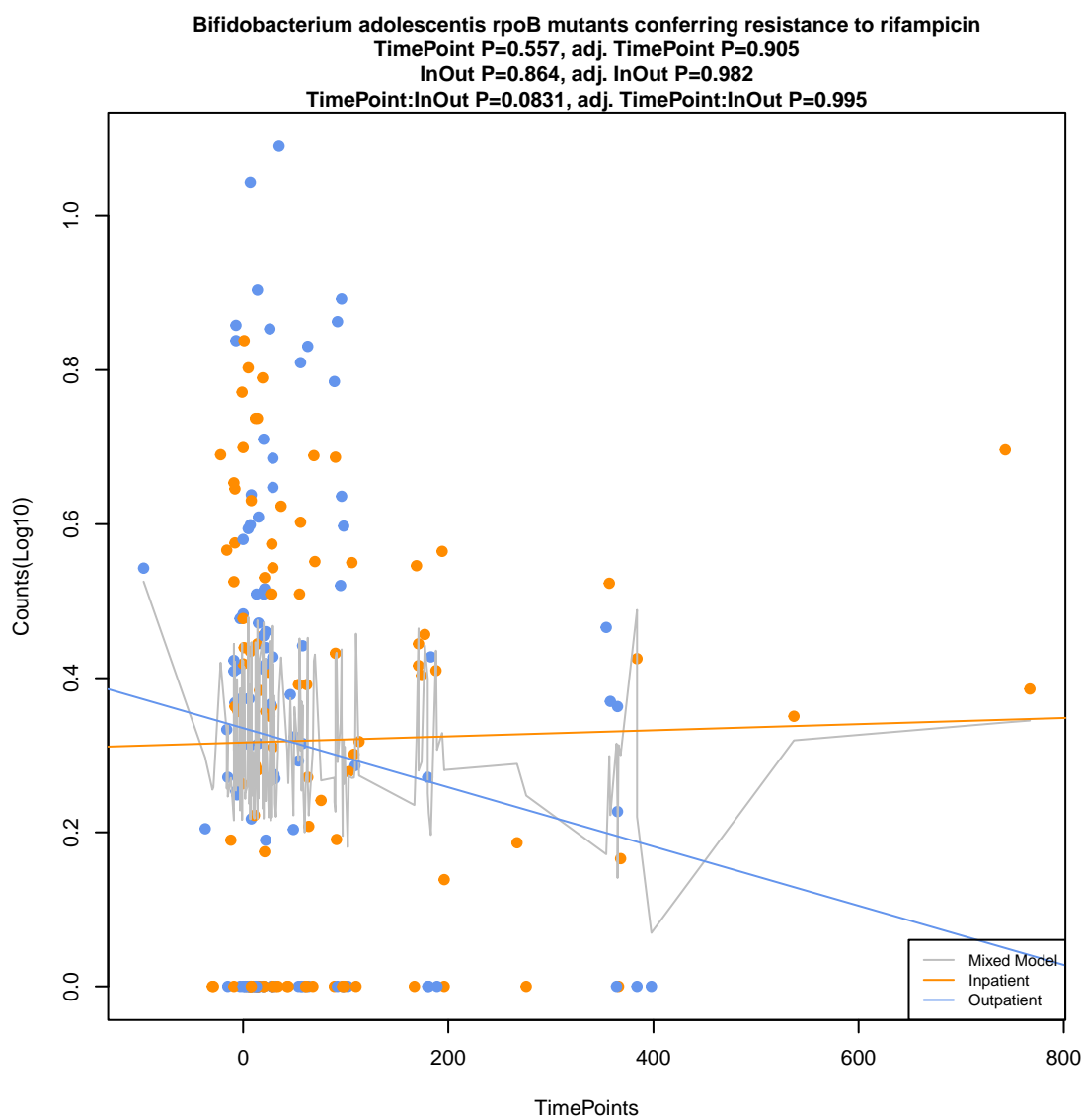
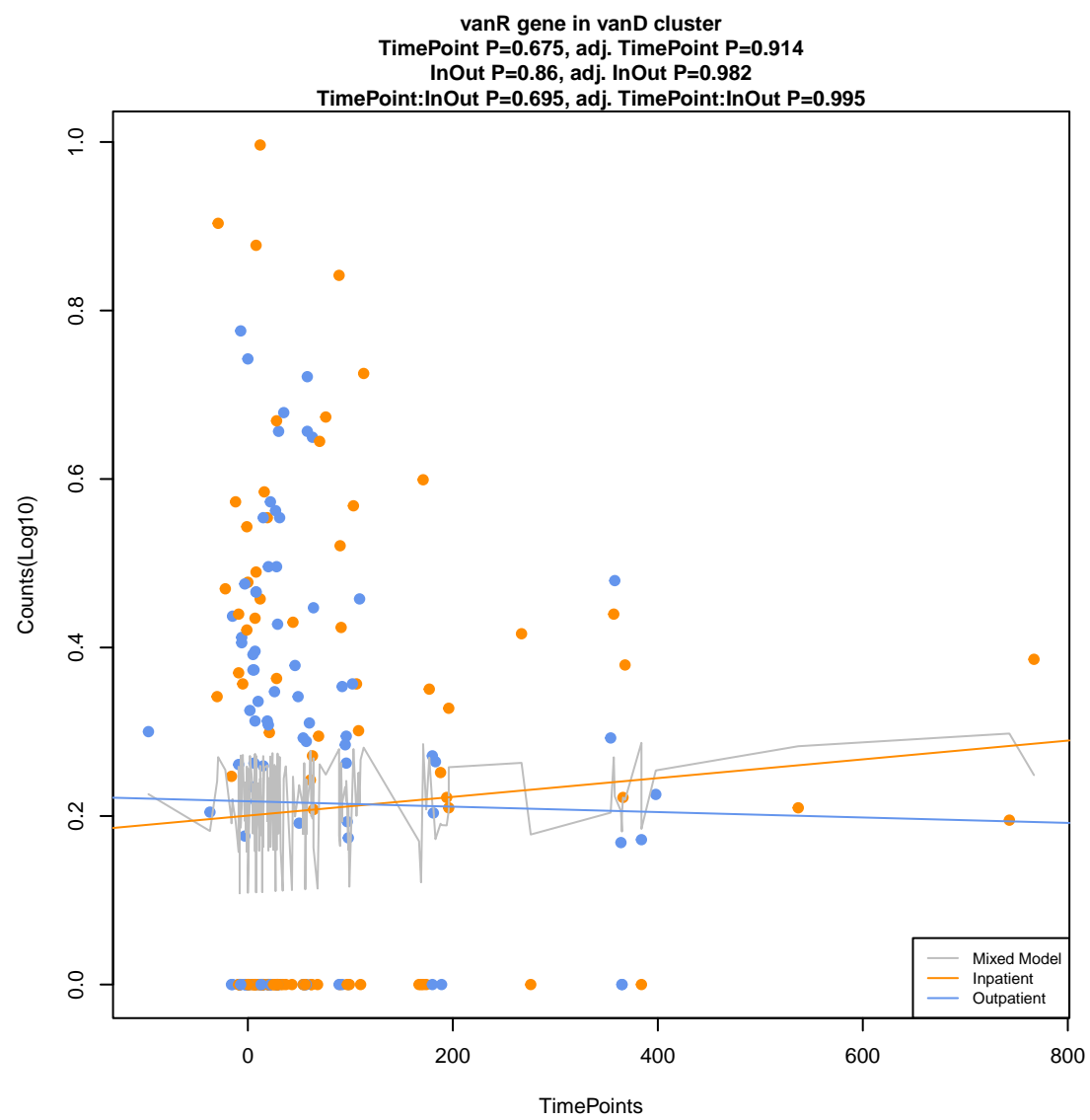
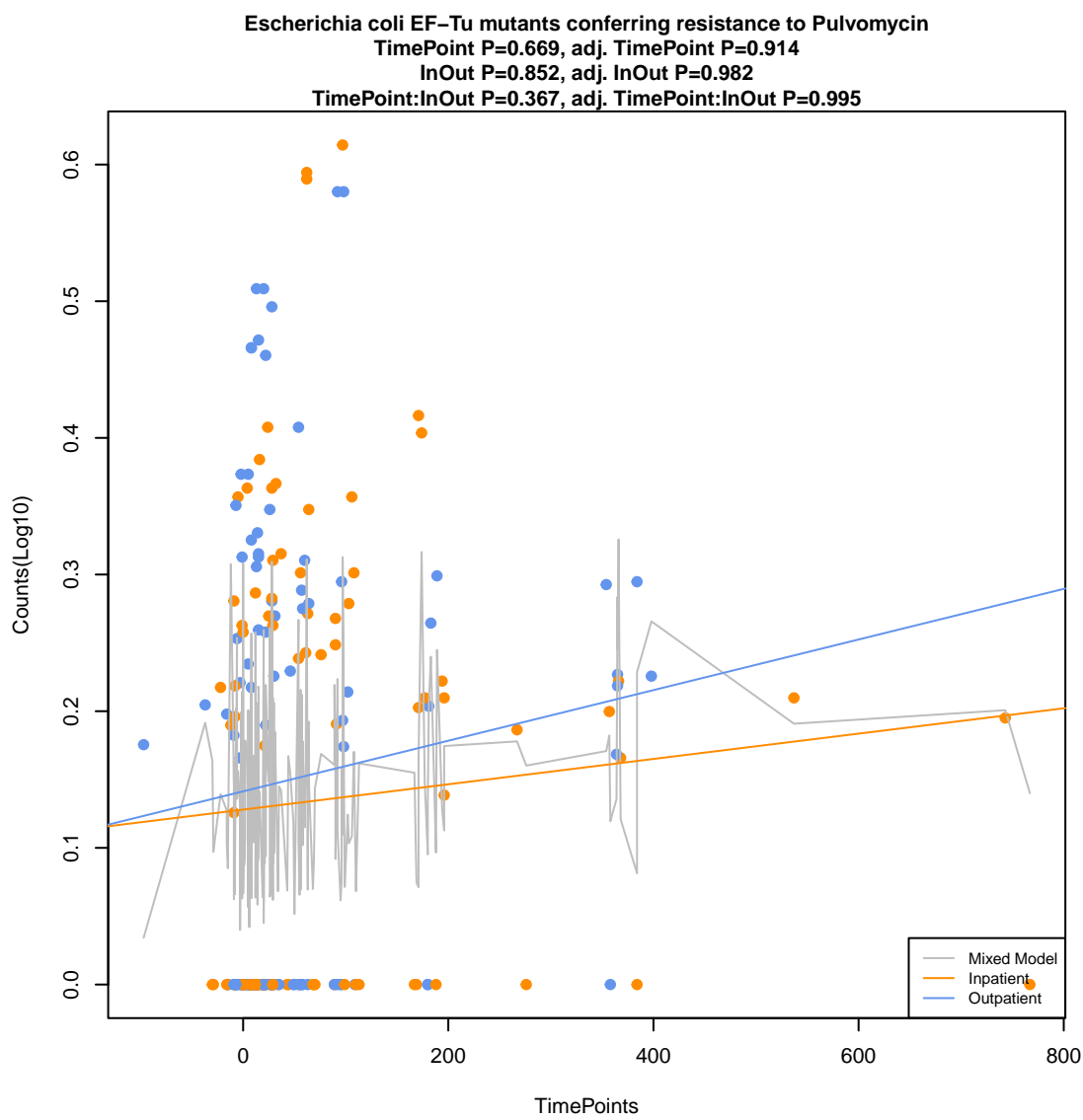
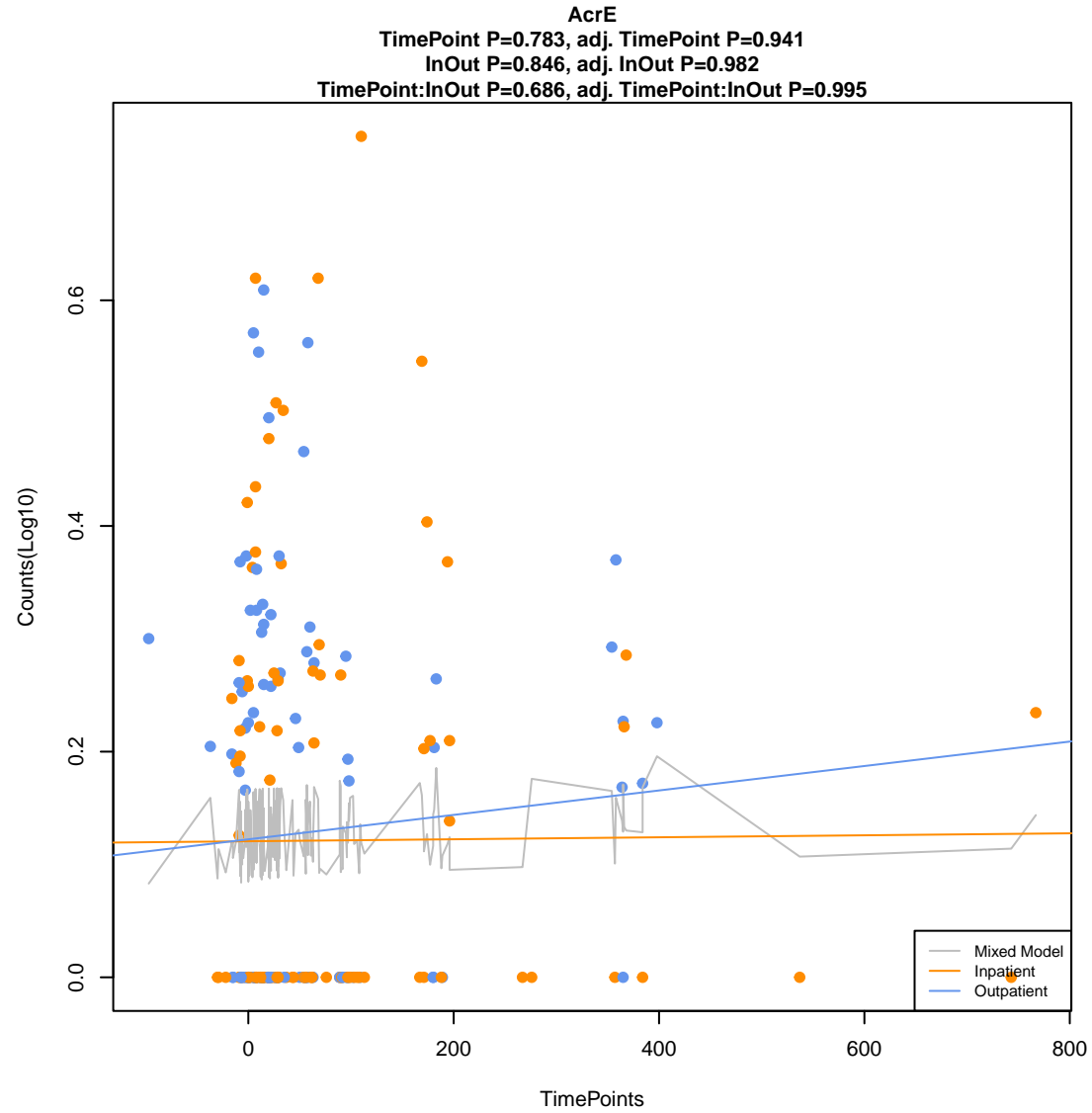
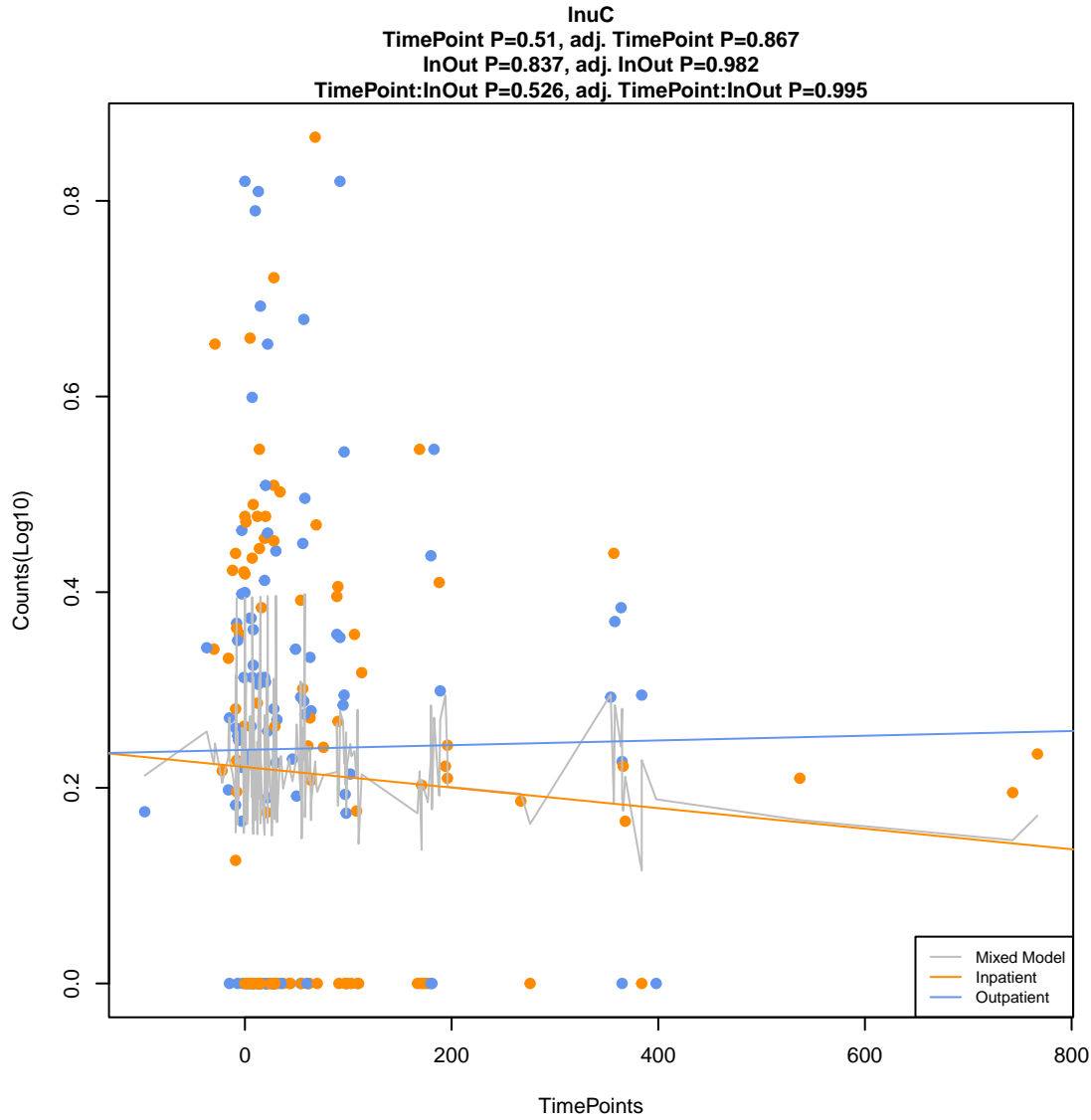
TimePoint P=0.656, adj. TimePoint P=0.914  
InOut P=0.798, adj. InOut P=0.982  
TimePoint:InOut P=0.524, adj. TimePoint:InOut P=0.995



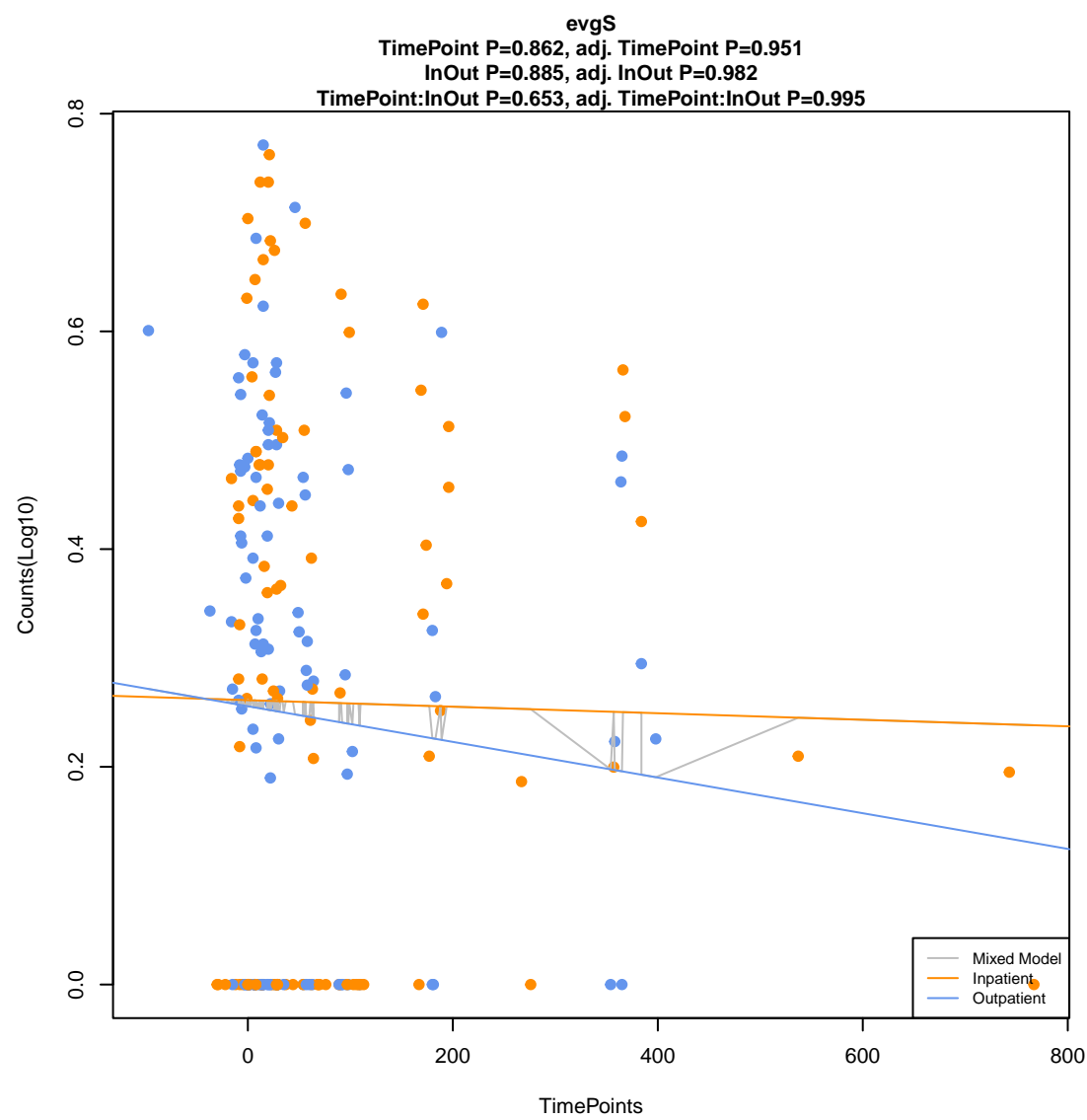
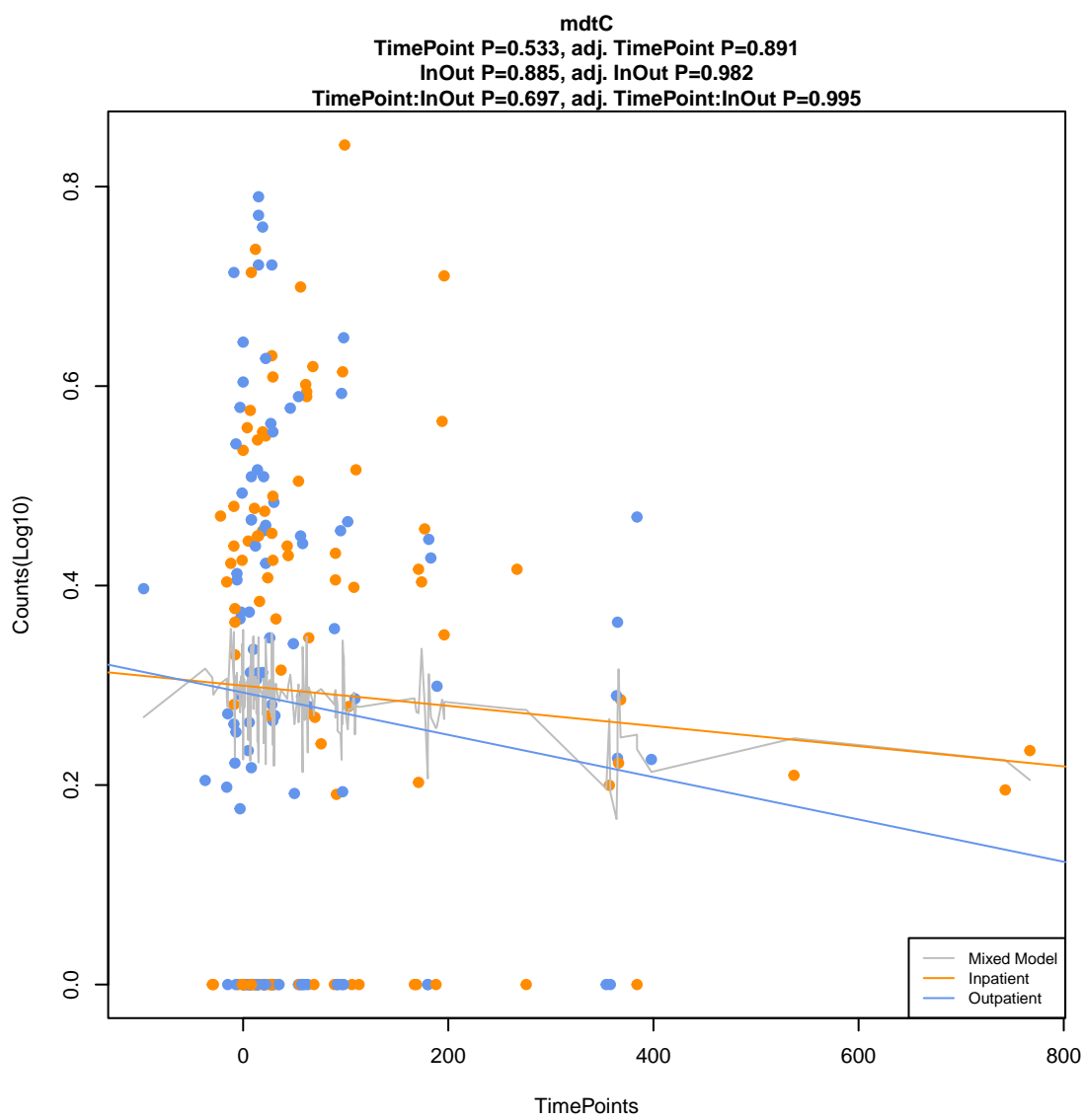
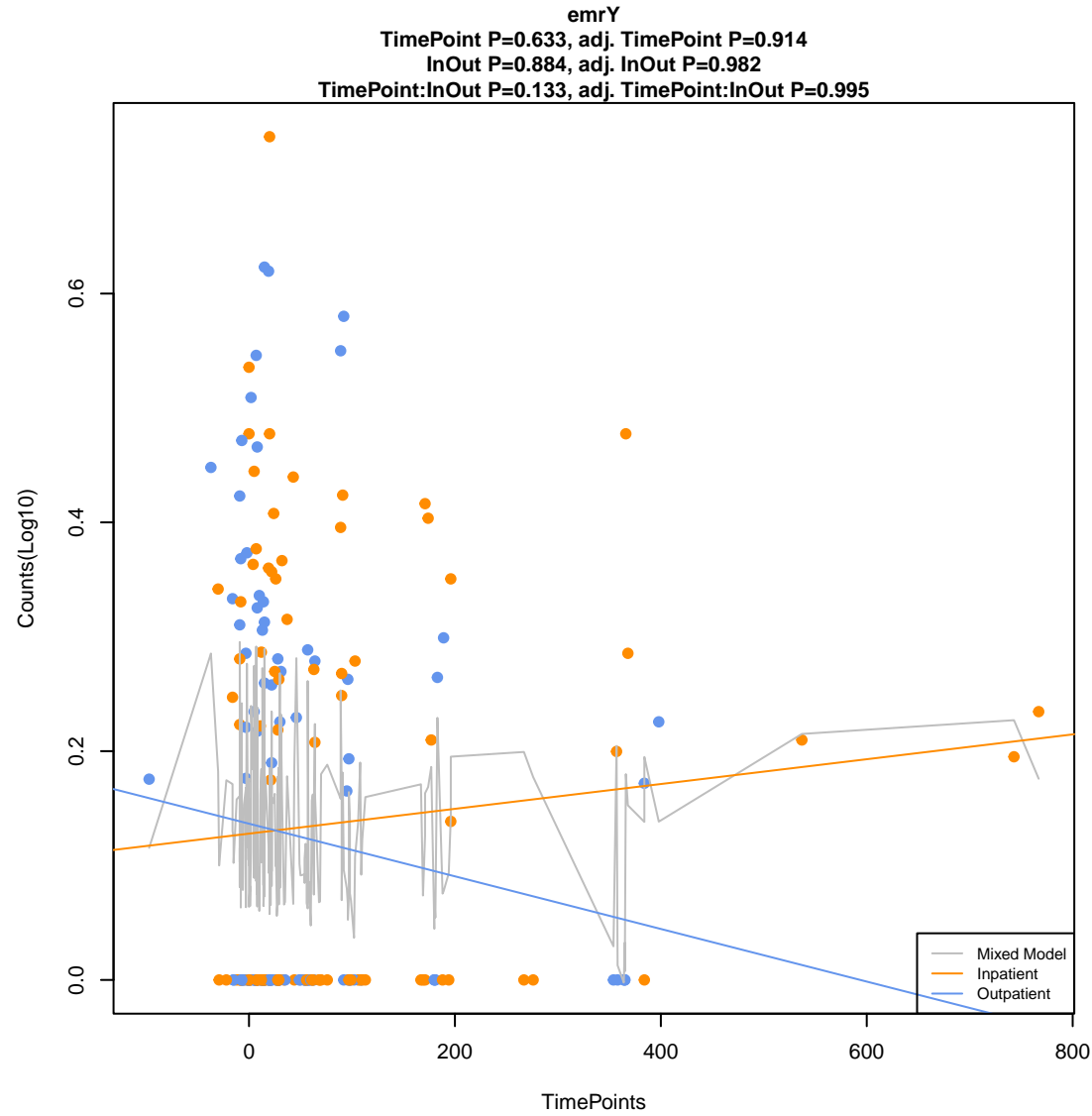
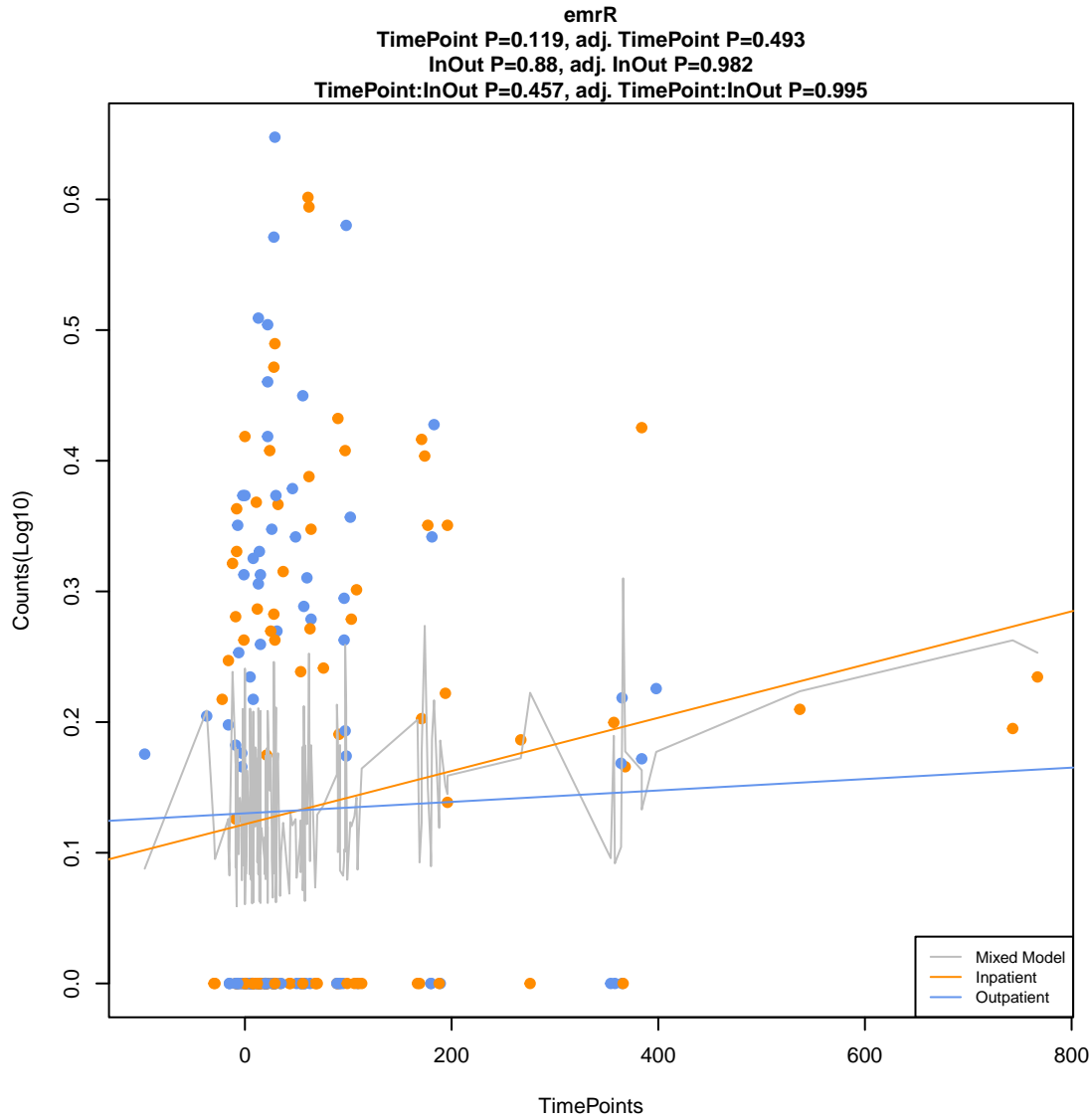
evgA

TimePoint P=0.00126, adj. TimePoint P=0.0672  
InOut P=0.821, adj. InOut P=0.982  
TimePoint:InOut P=0.29, adj. TimePoint:InOut P=0.995

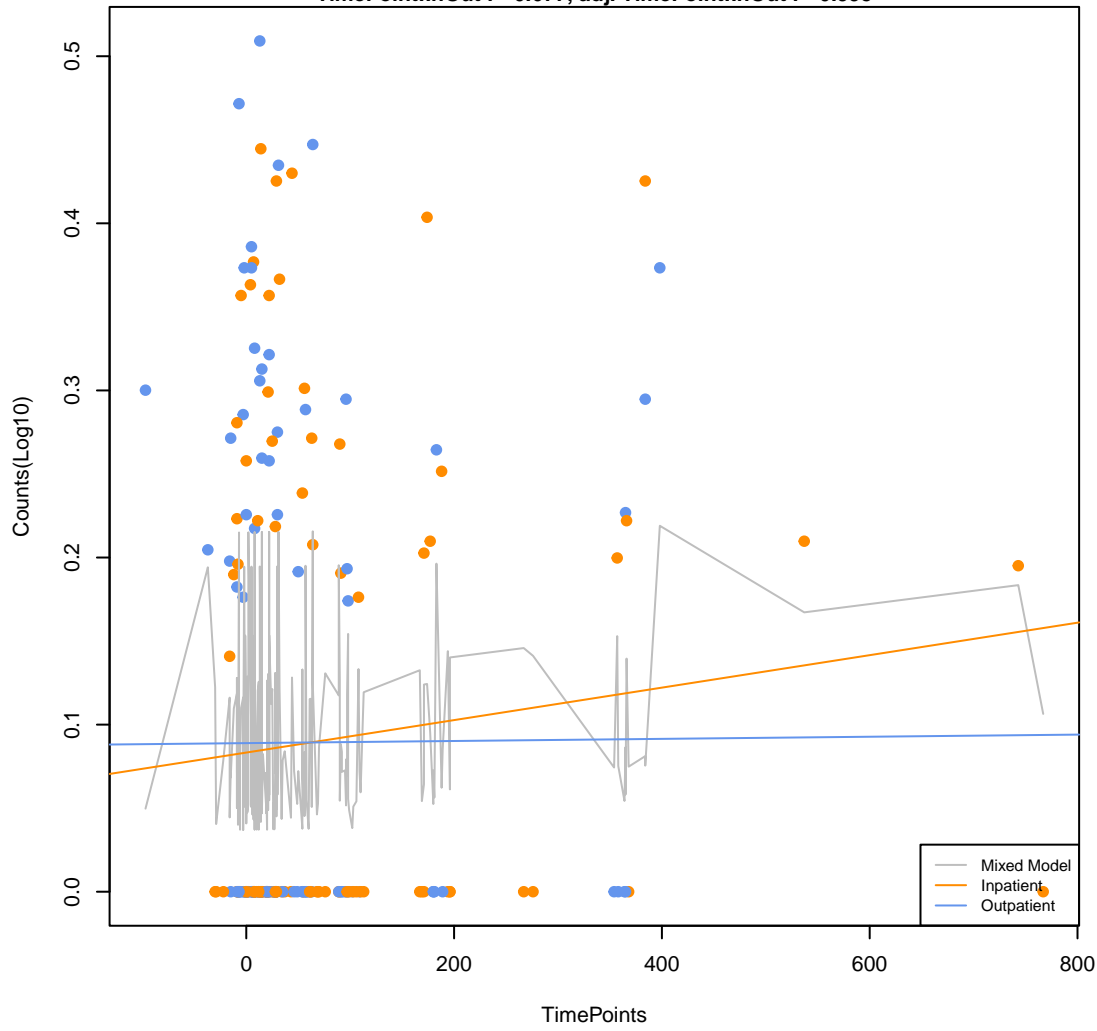








**Escherichia coli AcrAB-TolC with AcrR mutation conferring resistance to ciprofloxacin, tetracycline, and ceft**  
TimePoint P=0.418, adj. TimePoint P=0.851  
InOut P=0.896, adj. InOut P=0.982  
TimePoint:InOut P=0.677, adj. TimePoint:InOut P=0.995



**fexA**  
TimePoint P=0.362, adj. TimePoint P=0.774  
InOut P=0.899, adj. InOut P=0.982  
TimePoint:InOut P=0.253, adj. TimePoint:InOut P=0.995

