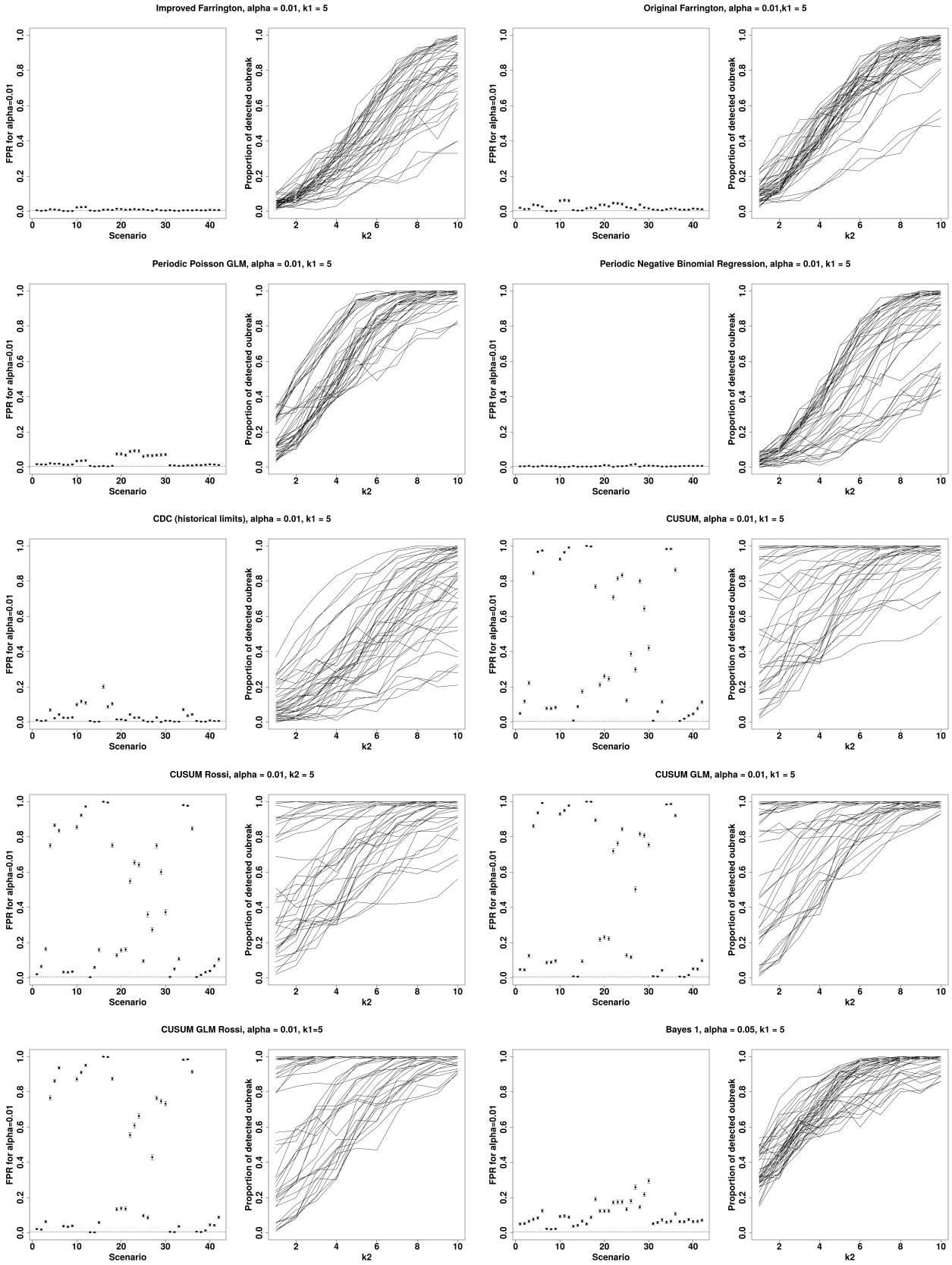
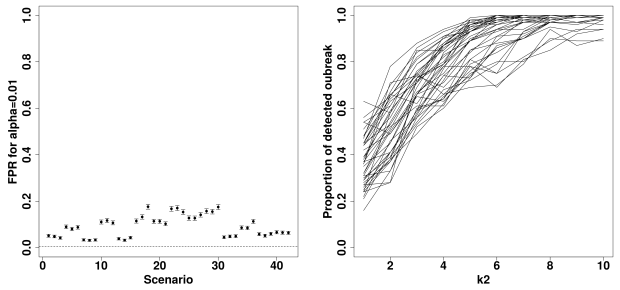
Evaluation and Comparison of Statistical Methods for Early Temporal Detection of Outbreaks: a Simulation-Based Study

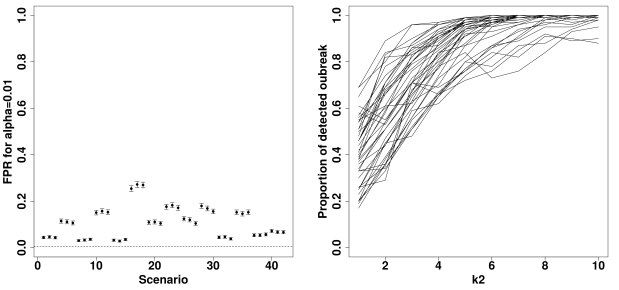
Appendix S1: Comparison of the 21 evaluated methods ($\alpha = 0.01$ for Improved Farrington, Original Farrington, Periodic Poisson GLM and Neg Binomial GLM, CDC and EARS C1-C3, $\alpha = 0.05$ for Bayes 1-3, k1 = 5)



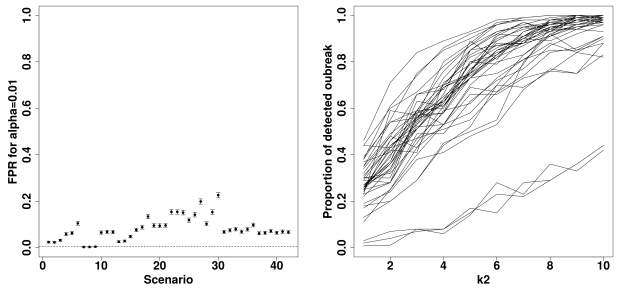
Bayes 2, alpha = 0.05, k1 = 5



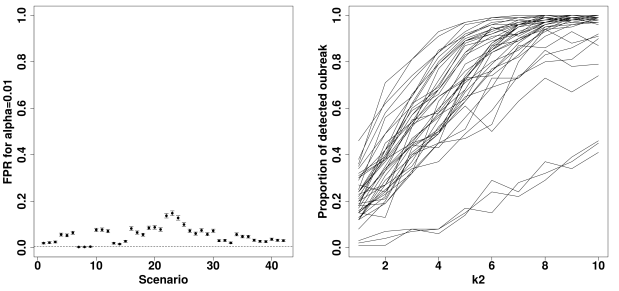
Bayes 3, alpha = 0.05, k1 = 5



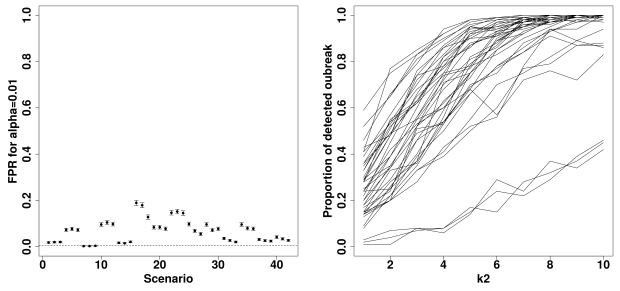
RKI 1, k1 = 5



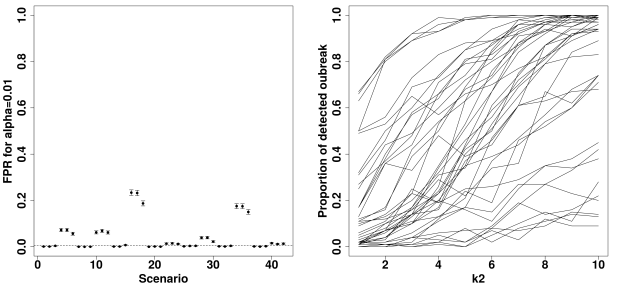
RKI 2, k1 = 5



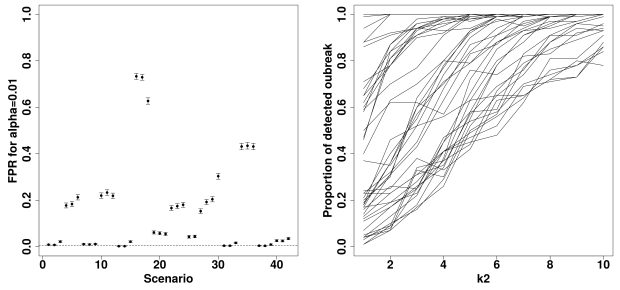
RKI 3, k1 = 5



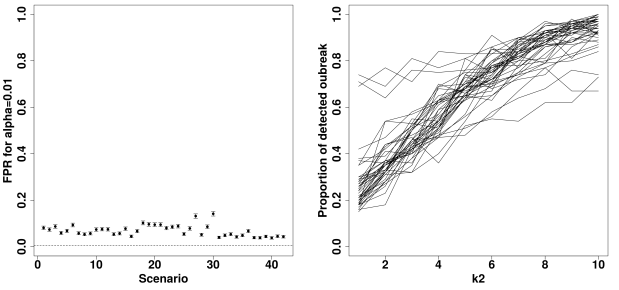
GLR Negative Binomiale, k1 = 5



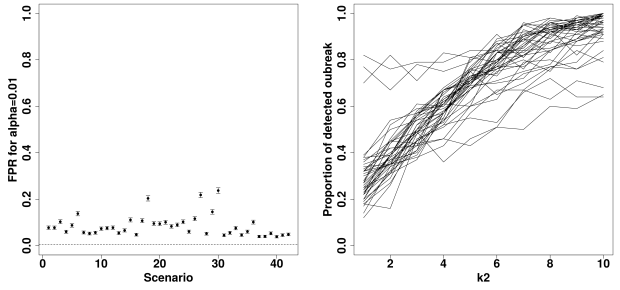
GLR Poisson, k1 = 5



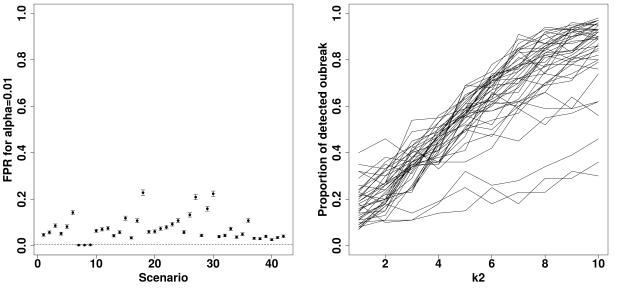
EARS C1, alpha = 0.01, k1 = 5



EARS C2, alpha = 0.01, k1 = 5



EARS C3, alpha = 0.01, k1 = 5



OutbreakP, k1 = 5