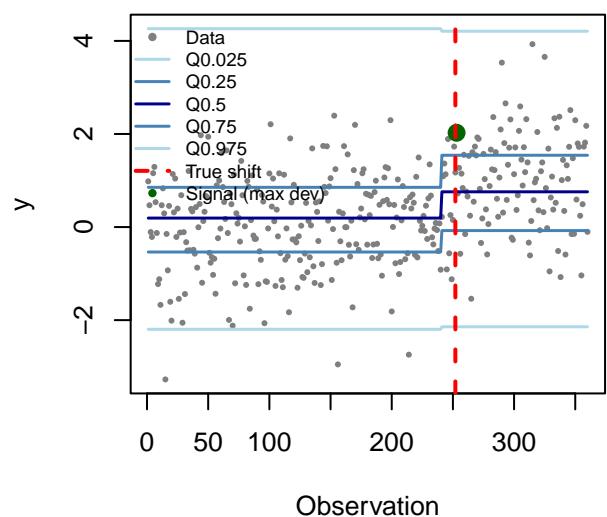
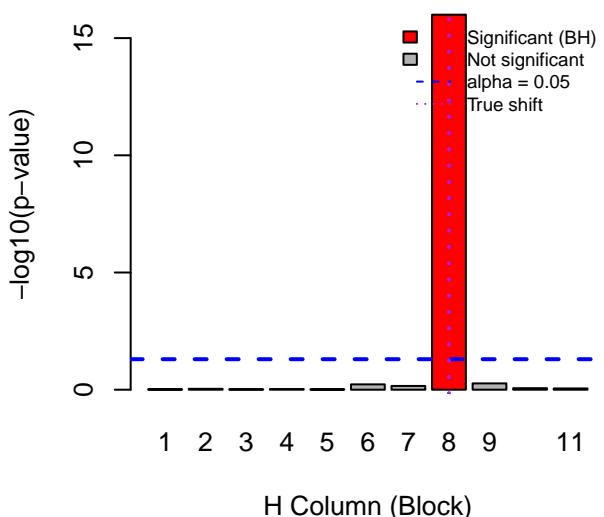


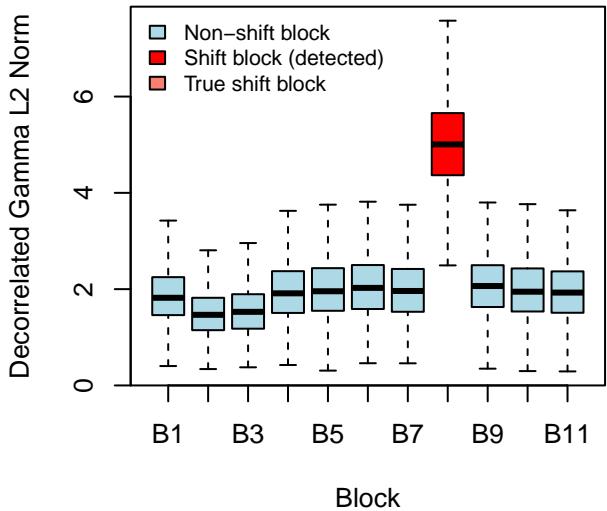
Simulated Data with Quantile Estimates



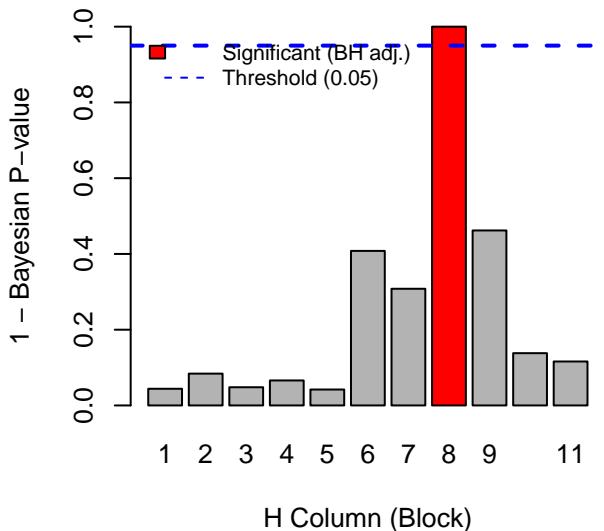
Block-Level P-Values (BH/FDR Method)



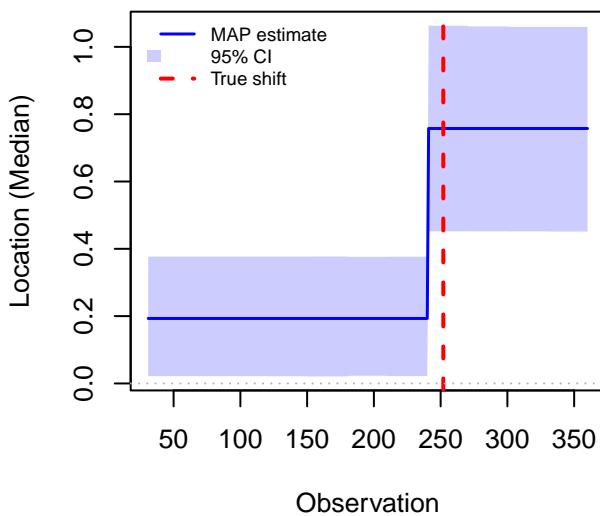
Box Plot: Decorrelated Gamma by Block



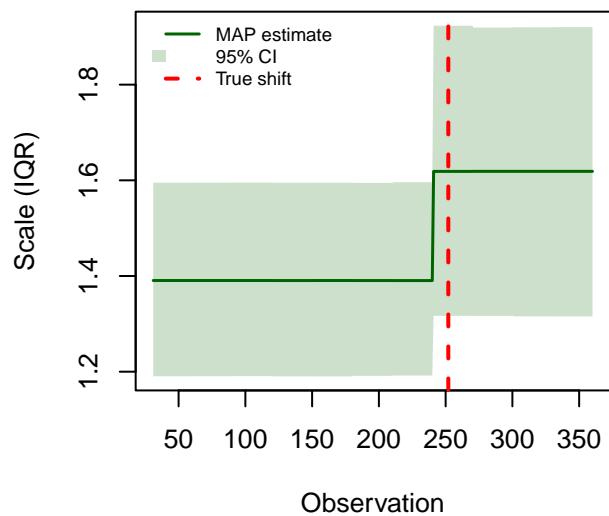
Bayesian P-values (1 – p)



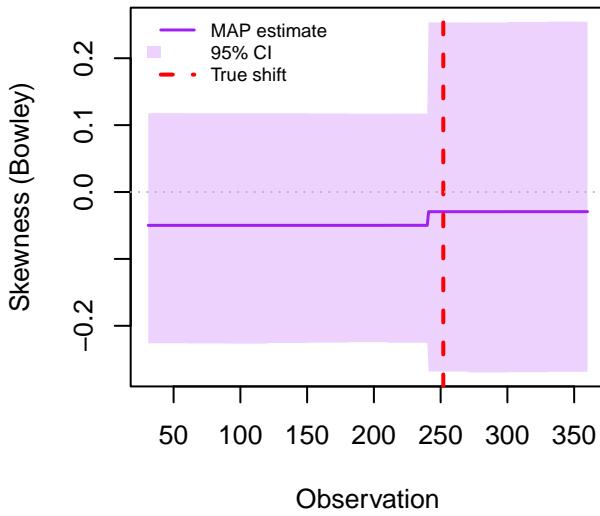
QSS: Location



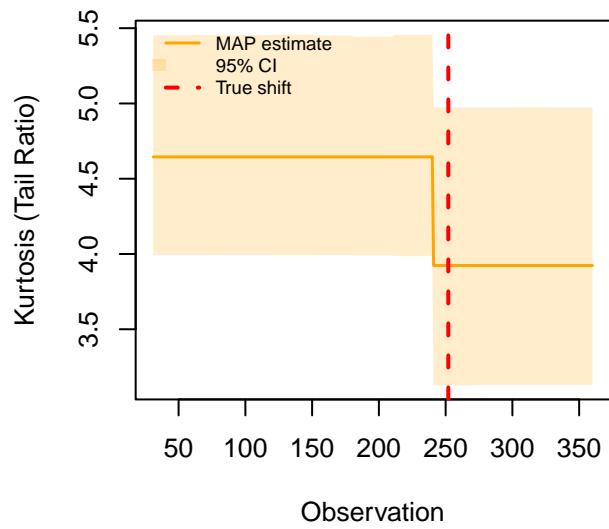
QSS: Scale



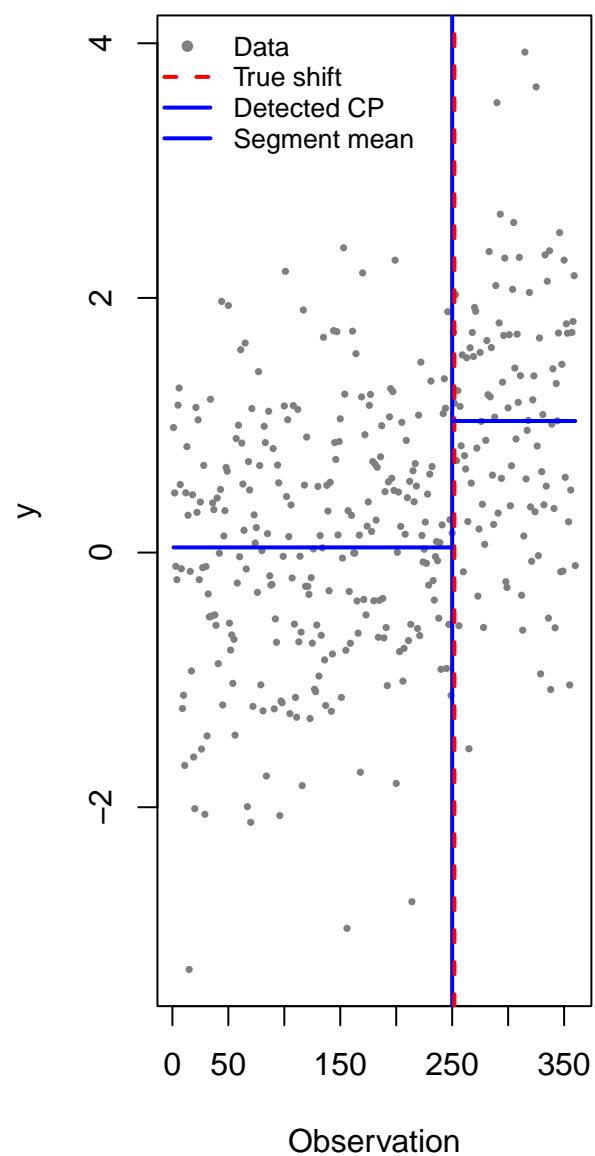
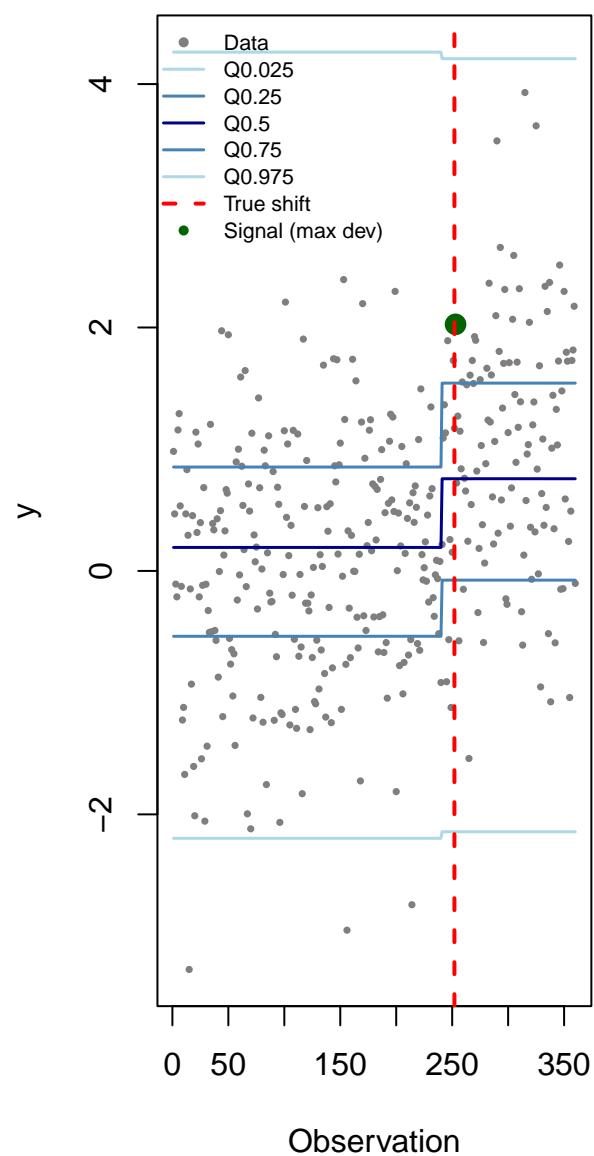
QSS: Skewness



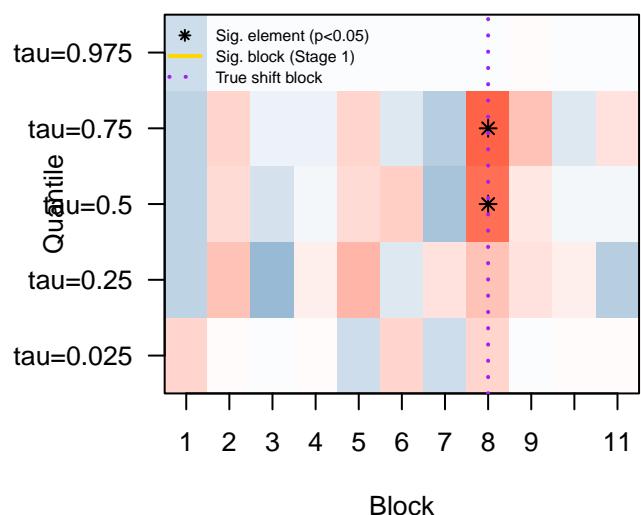
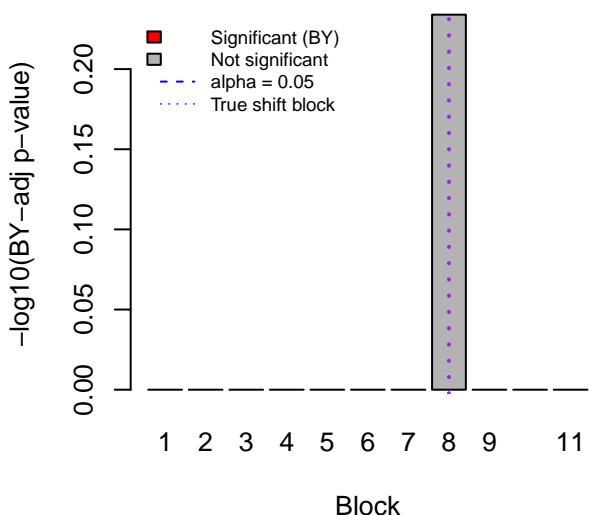
QSS: Kurtosis



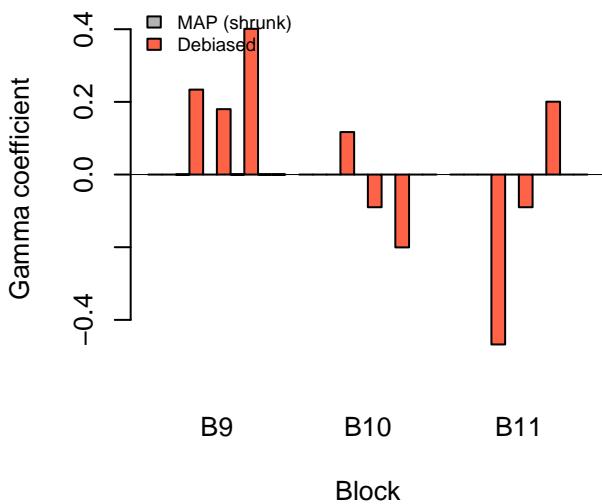
Method (Data-Adaptive Penalties, BH/FDRcpt.meanvar (Asymptotic, pen.value =



1: Block-Level Chi-Squared Test (Mitra & Z-scores from Debiased Gamma (per quantile))



MAP vs Debiased Gamma (Significant Bloc)



o significant blocks detected at Stage 1