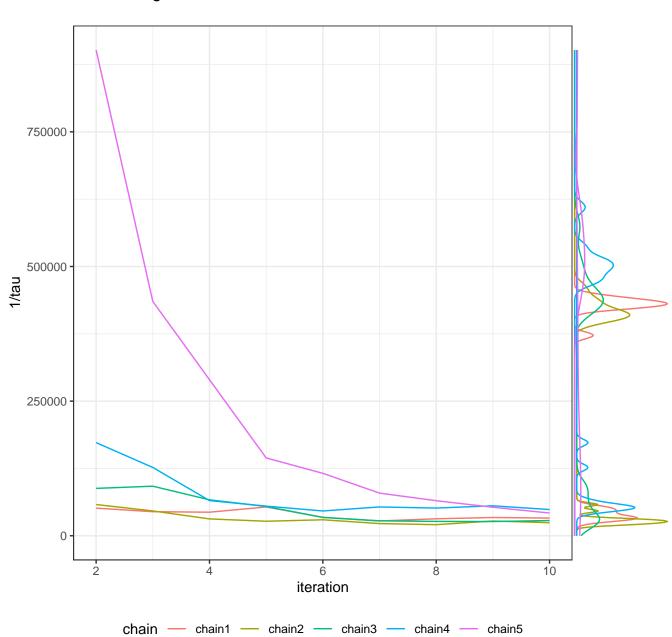
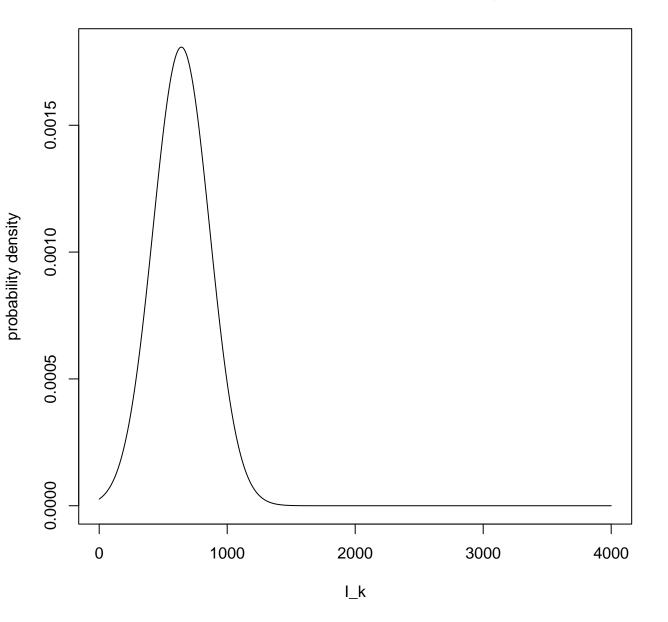
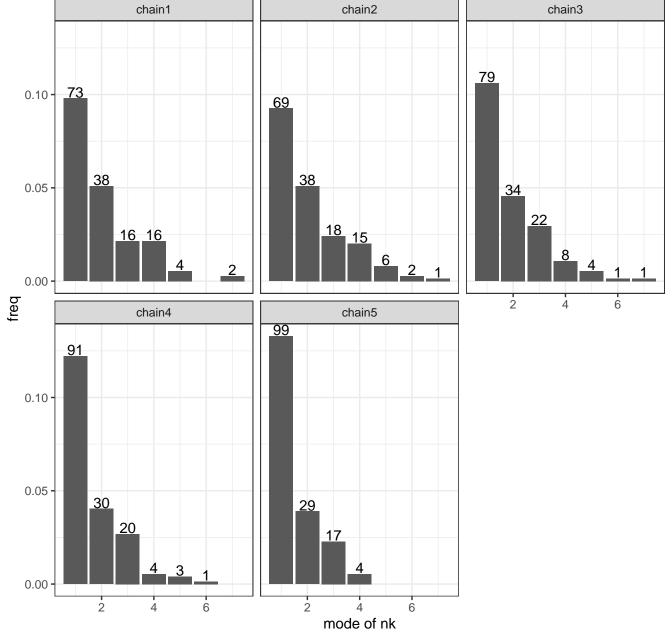
Trancaece for finsigma^2



Inferred Distribution of intensity for a single cluster



histogram of inferred nk given by mode of the posterior distribution



Distribution of cluster intensities for clusters with each nk 0.008 0.006 mode 2 density 5 7 0.002 0.000 1000 3000 5000 2000 4000 total_cluster_intensity

Distribution of cluster intensities stratified by minimum number of episomes colored by inferred nk 4 mode 1 2 3 Min # episome in cluster 7 chain × X chain1 chain2 chain3 chain4 X chain5 1 × +1000 2000 3000 4000 5000 Total Cluster Intensity

Posterior probabilities for number of episomes per cell mode: 2 mode: 1 mode: 3 0.8 0.75 -1.5 0.6 1.0 0.50 0.4 0.25 0.5 0.2 0.00 0.0 0.0 mode: 4 mode: 5 mode: 6 1.25 1.5 -1.00 0.75 0.75 1.0 0.50 0.50 0.5 -0.25 0.25 0.00 0.0 0.00 10 5 10 mode: 7 0.6 -0.4

density

0.2 -

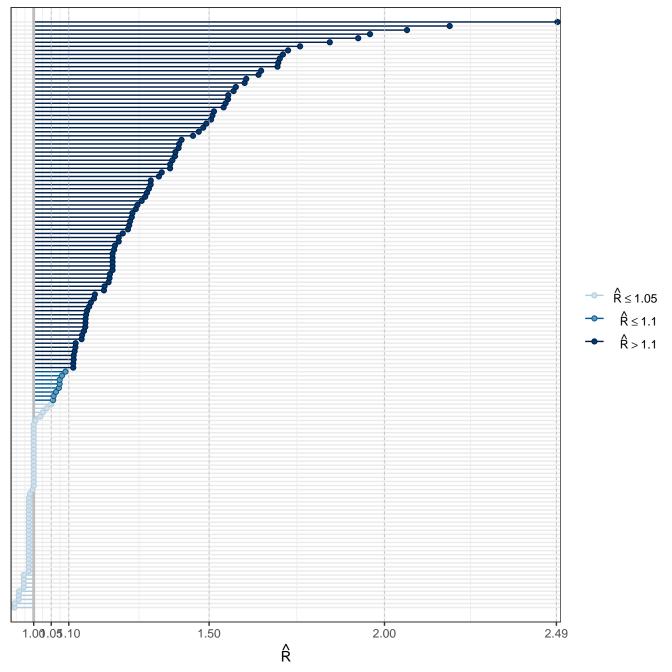
0.0

10

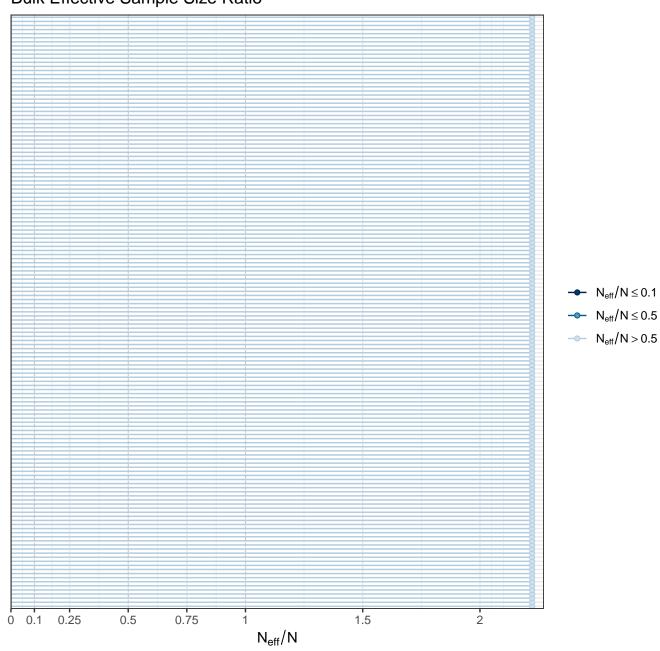
number of episomes per cell

histogram of inferred number per cell given by mode of the posterior distribution chain1 chain2 chain3 0.075 0.050 0.025 0.000 freq chain4 chain5 0.075 0.050 0.025 0.000

mode of number of episomes per cell



Bulk Effective Sample Size Ratio



Tail Effective Sample Size Ratio

