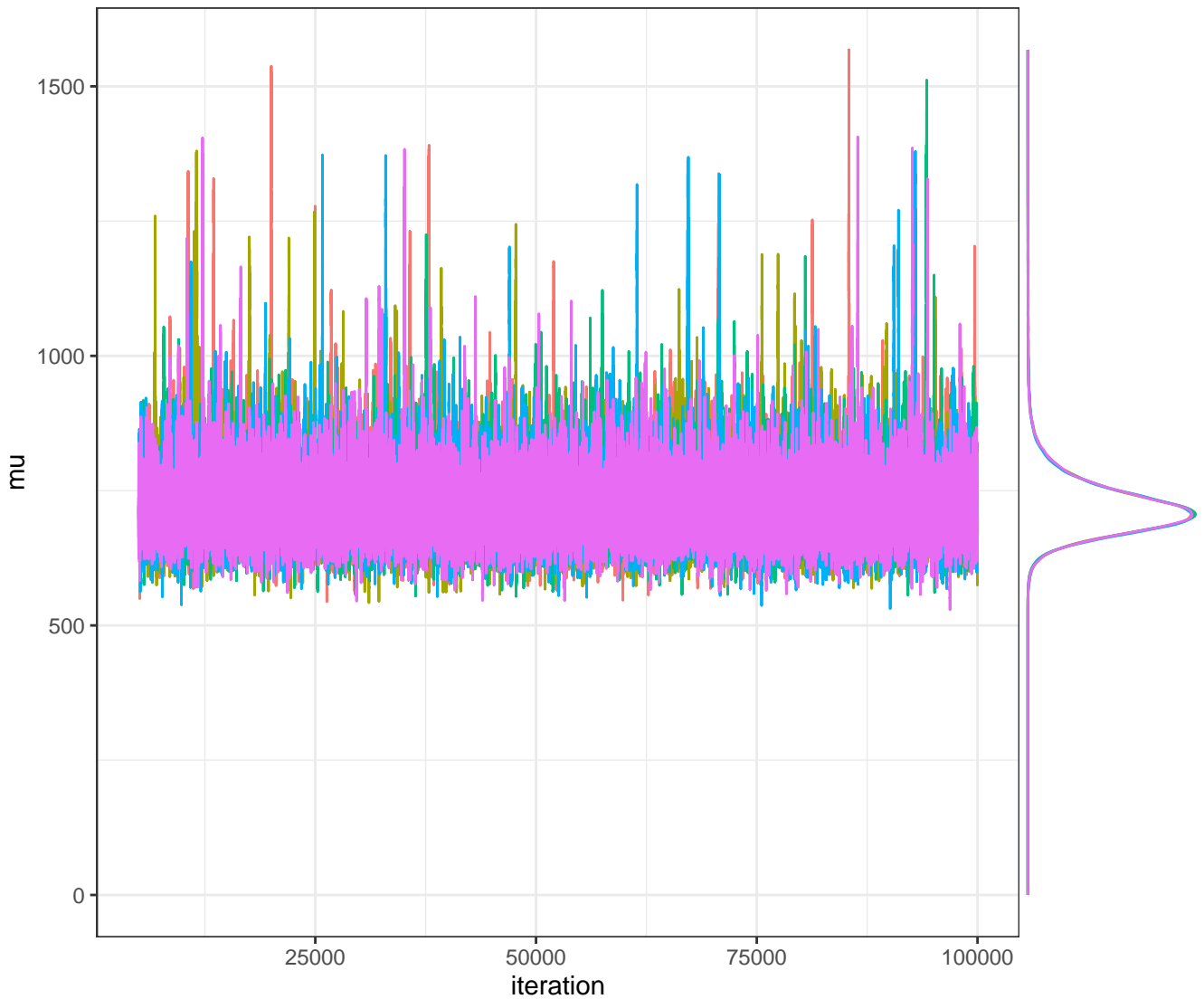
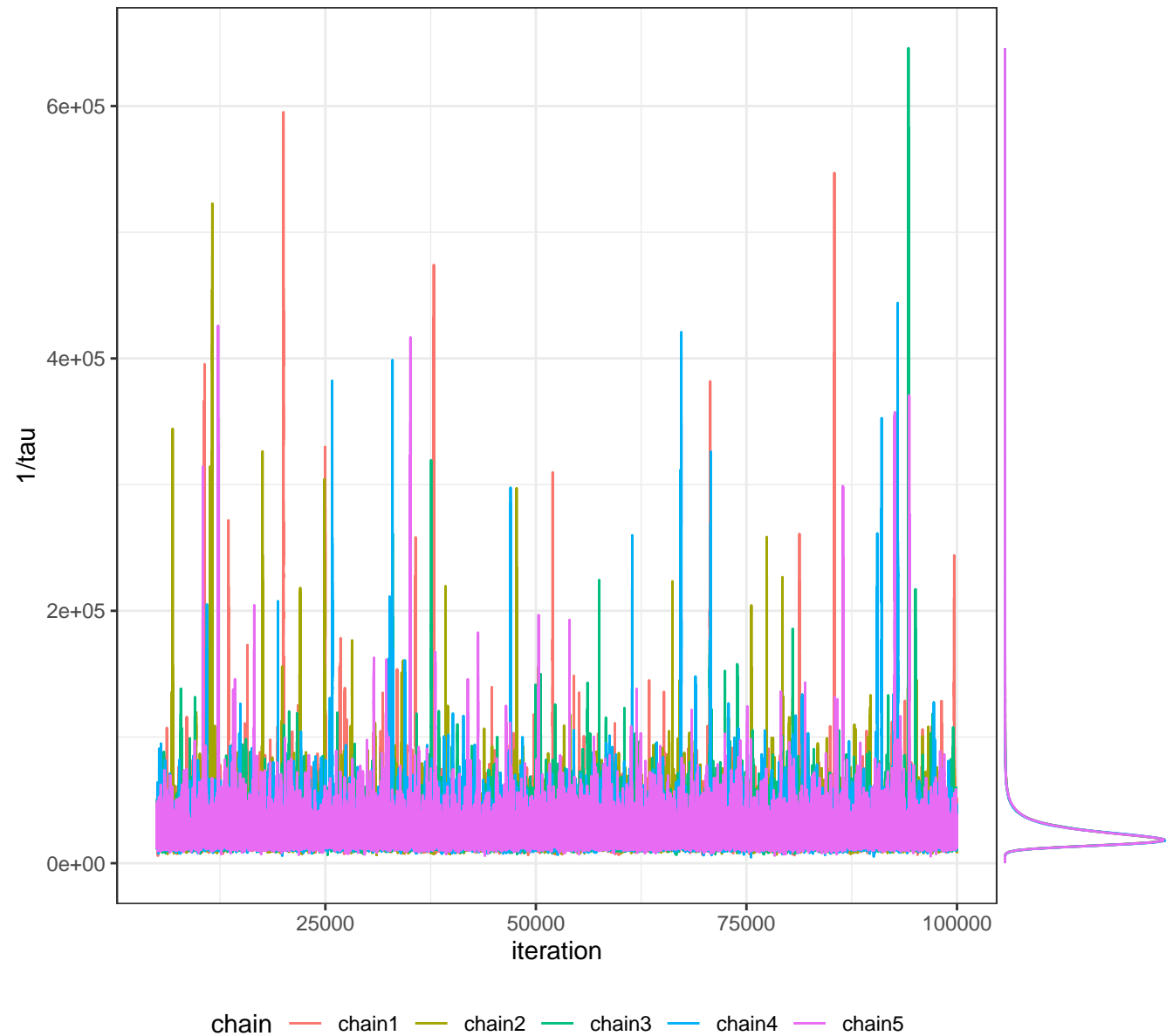
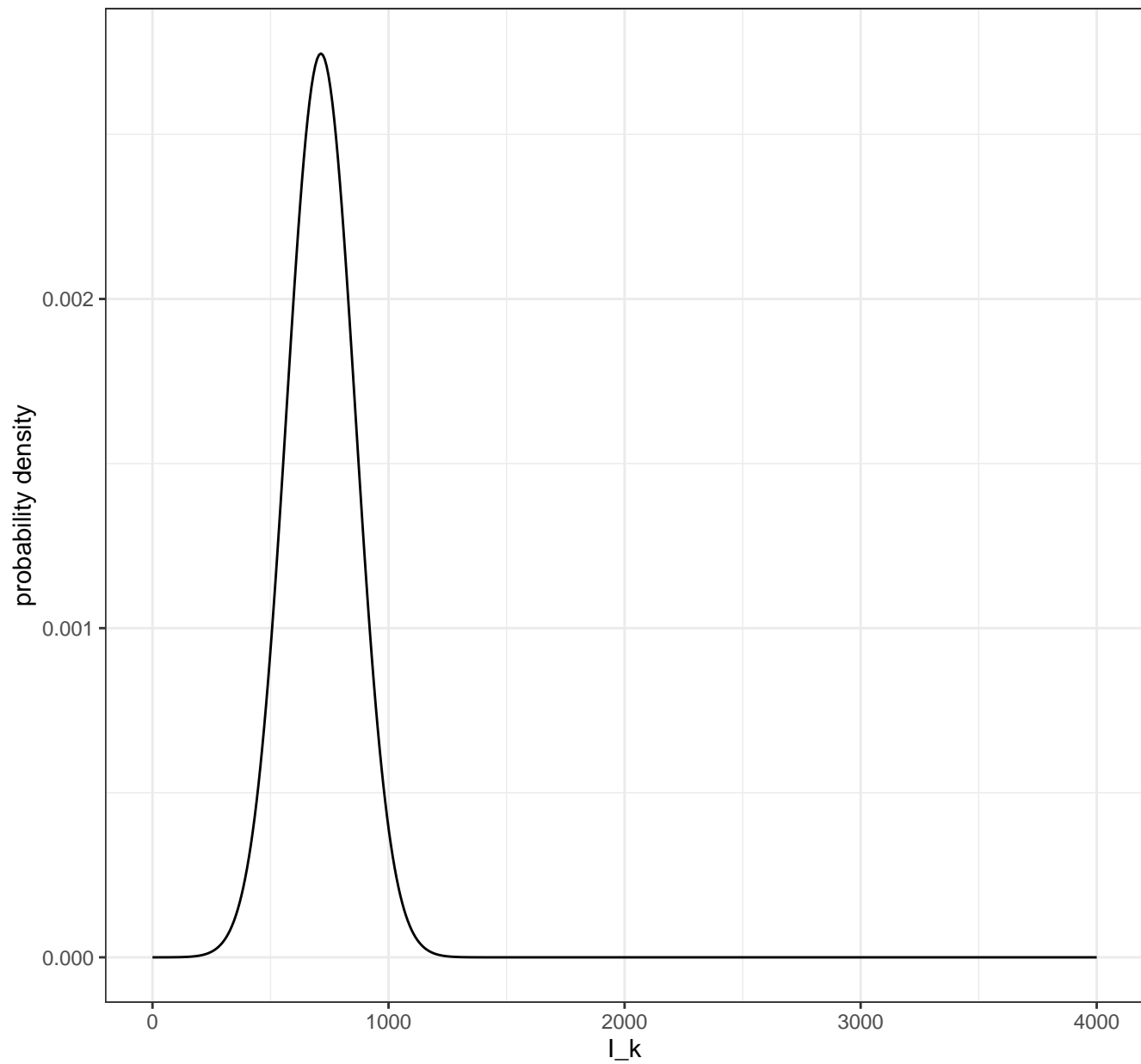


Trace of  $\mu$ 

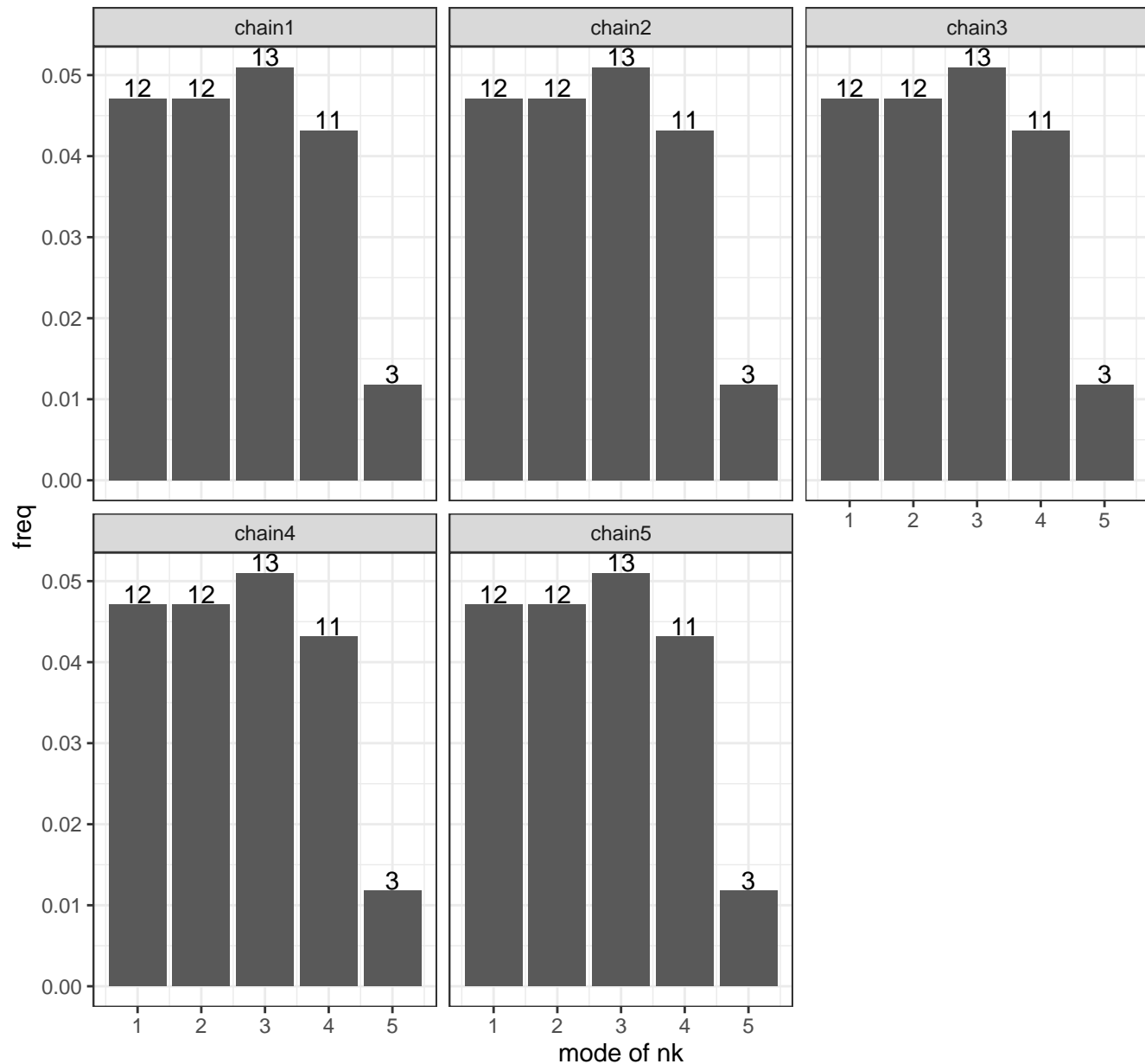
chain — chain1 — chain2 — chain3 — chain4 — chain5

Trace of  $\sigma^2$ 

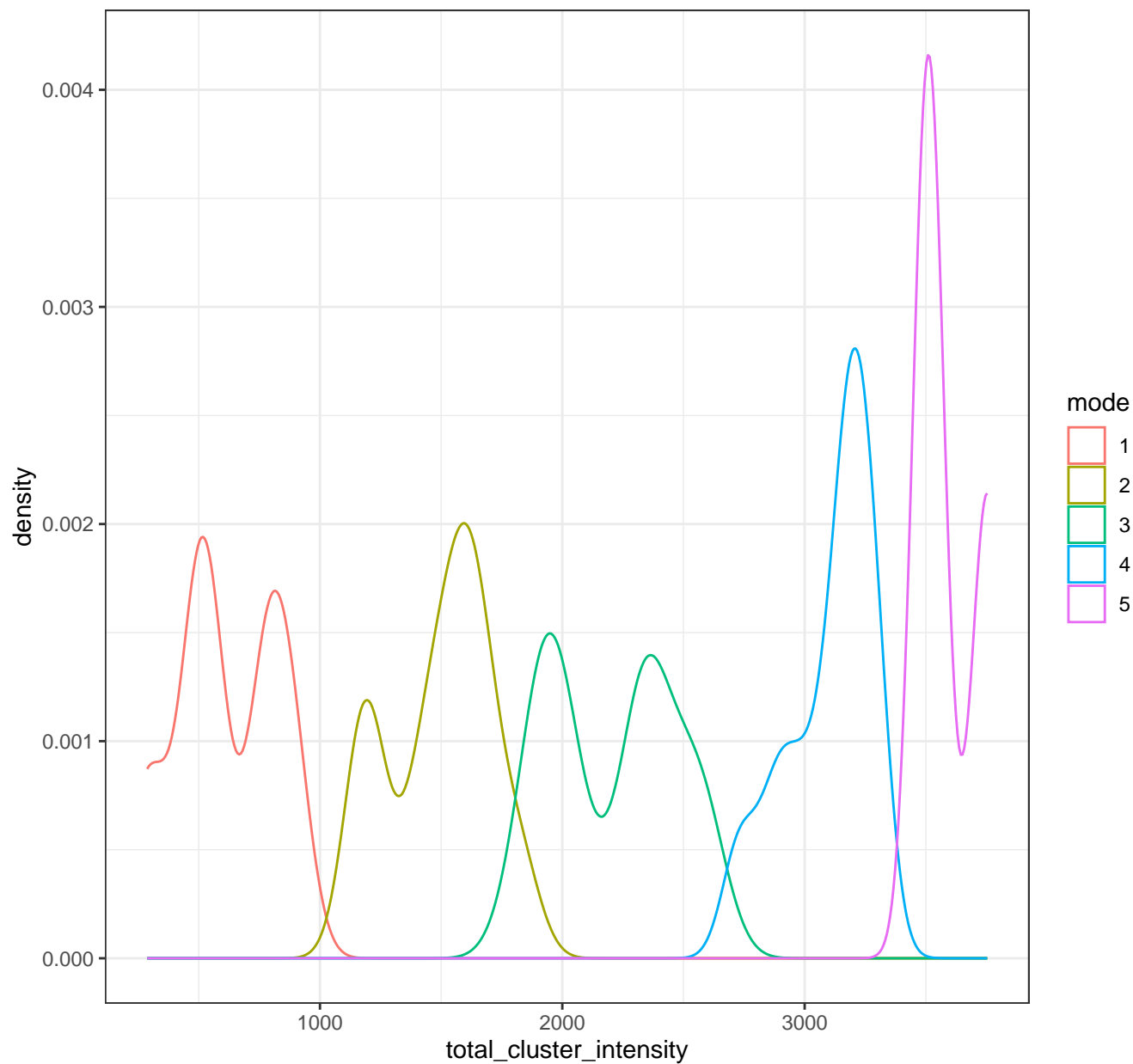
## Inferred Distribution of intensity for a single cluster



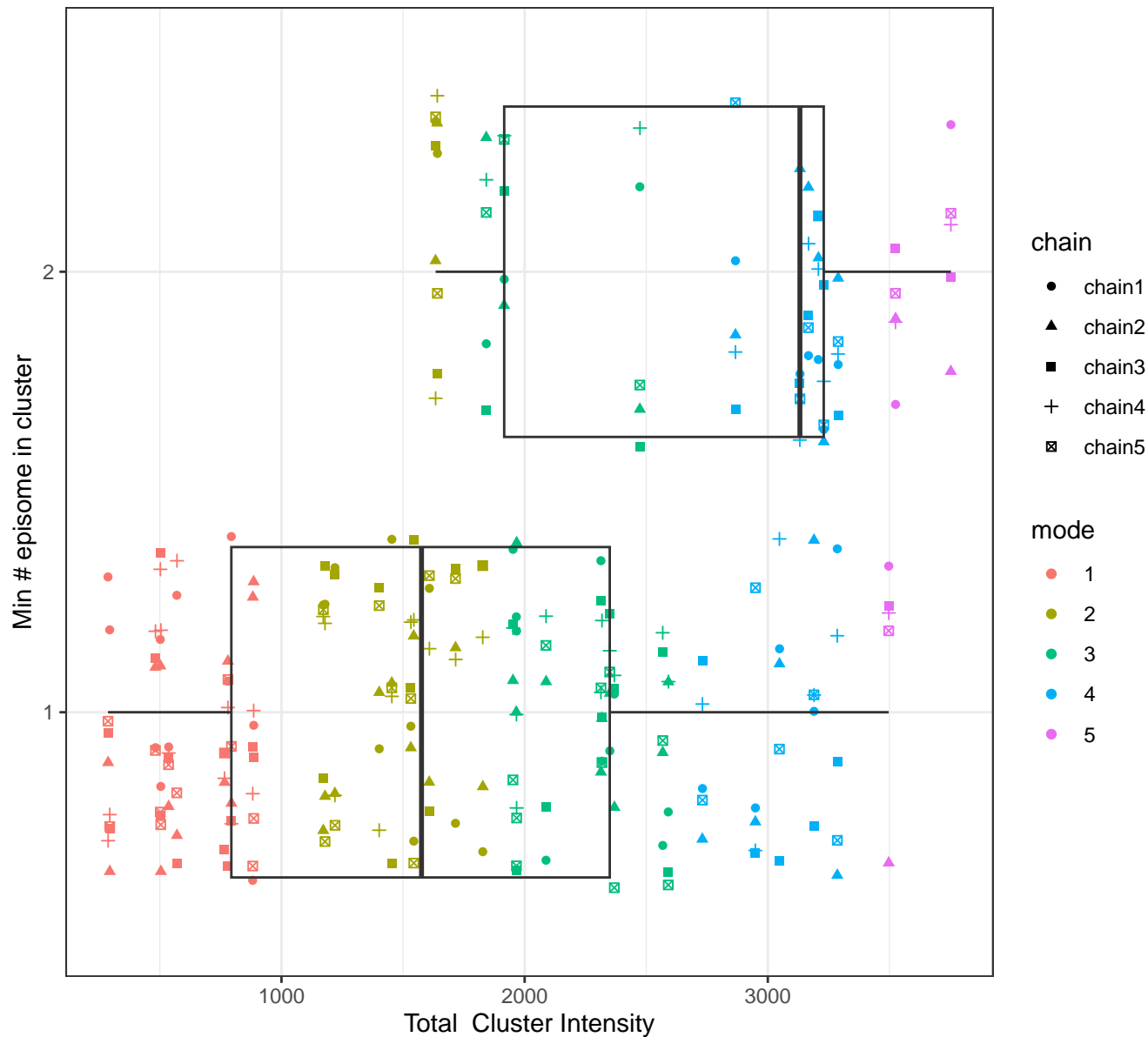
## histogram of inferred nk given by mode of the posterior distribution



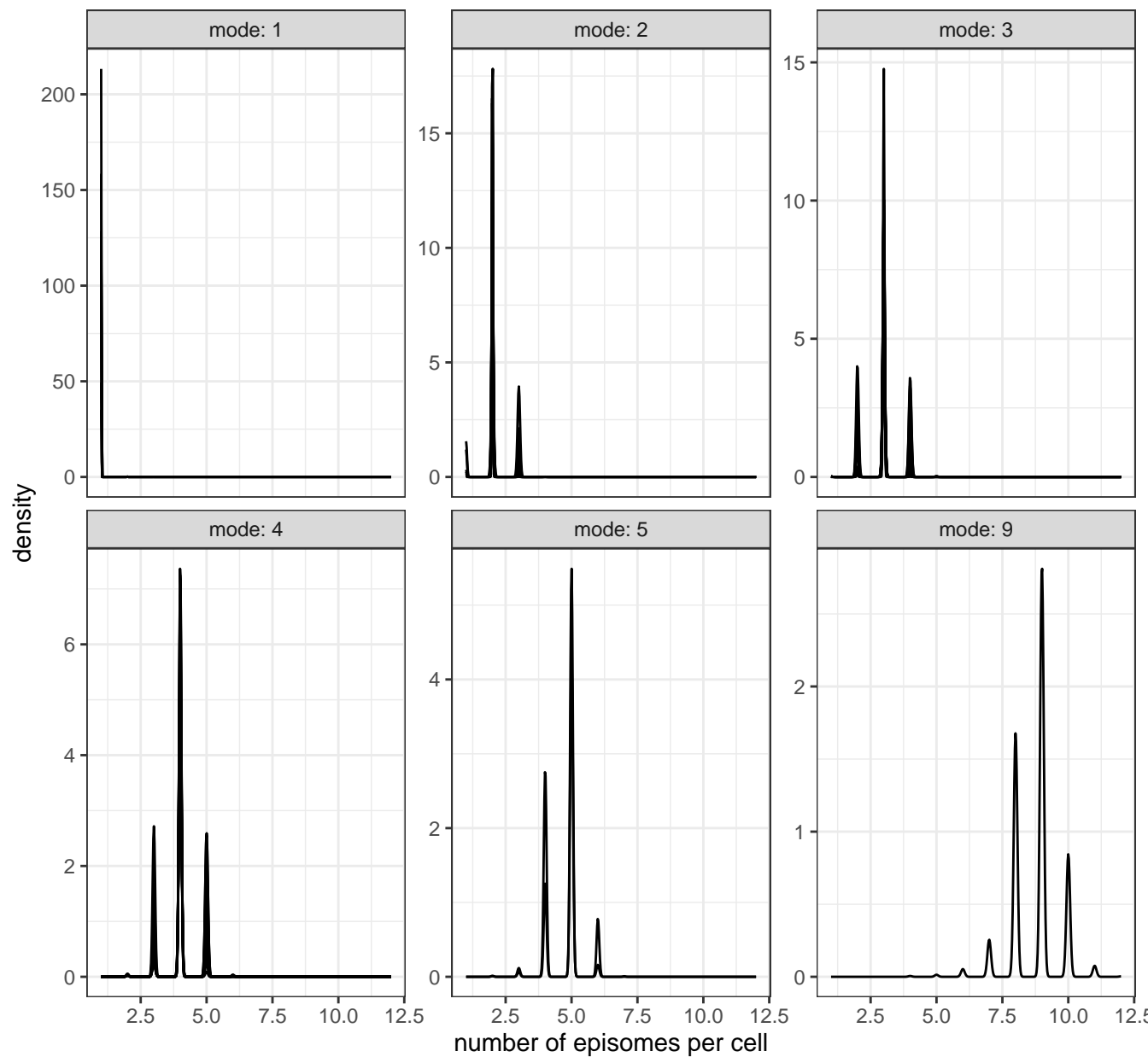
Distribution of cluster intensities for clusters with each nk



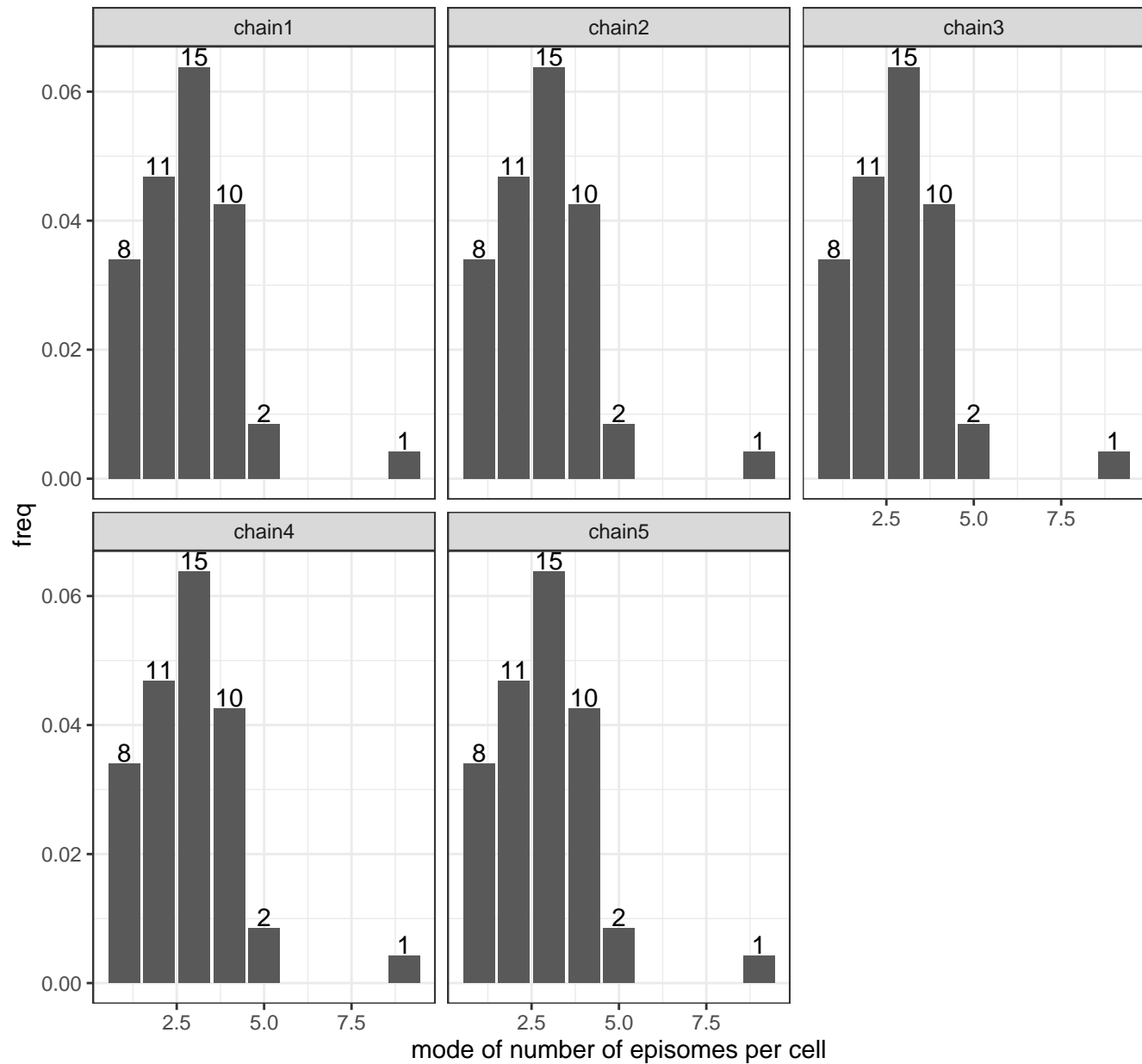
Distribution of cluster intensities stratified by minimum number of episodes  
colored by inferred nk



## Posterior probabilities for number of episomes per cell

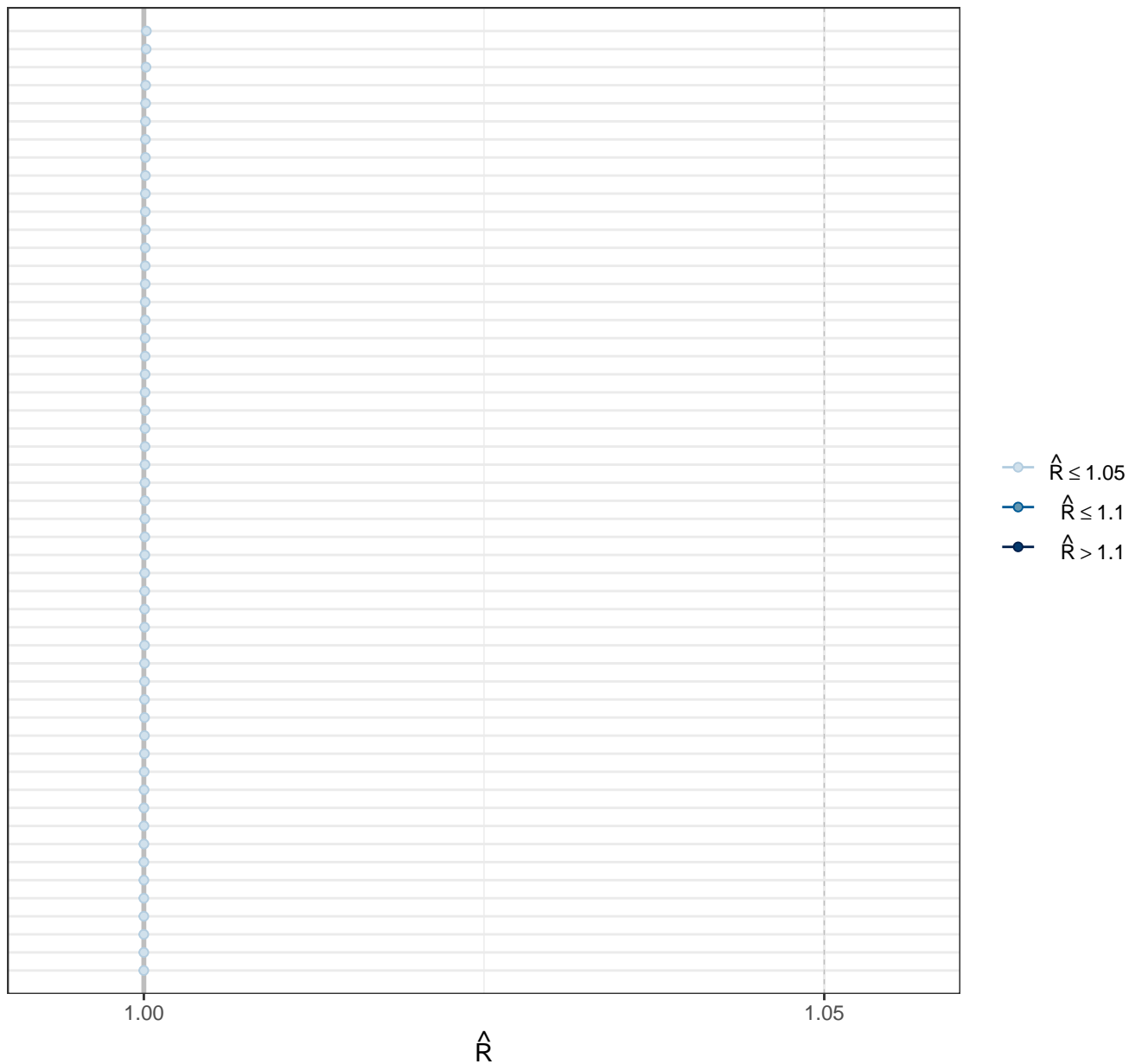


histogram of inferred number per cell given by mode of the posterior distribution

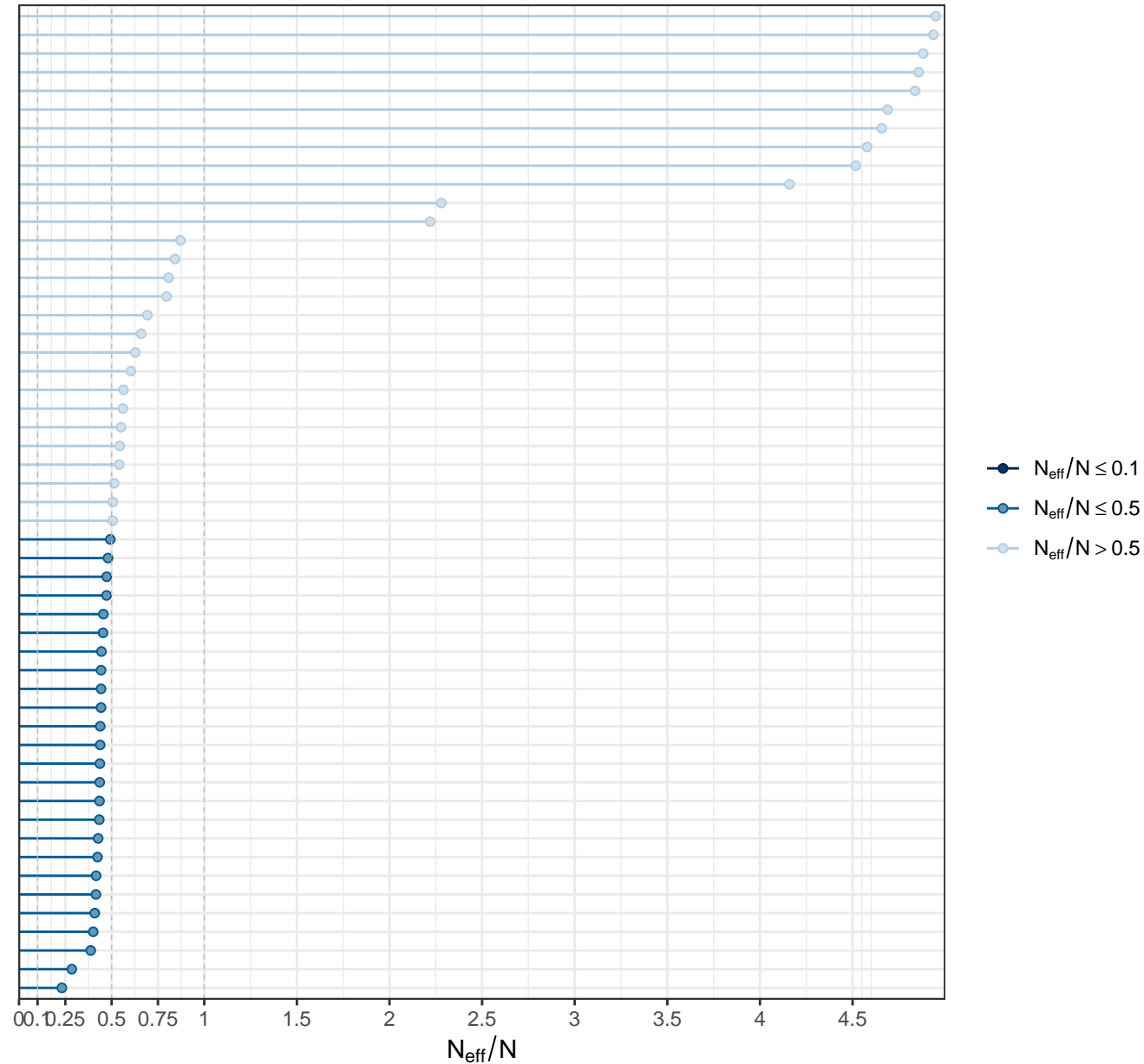




Rhat



## Bulk Effective Sample Size Ratio



## Tail Effective Sample Size Ratio

