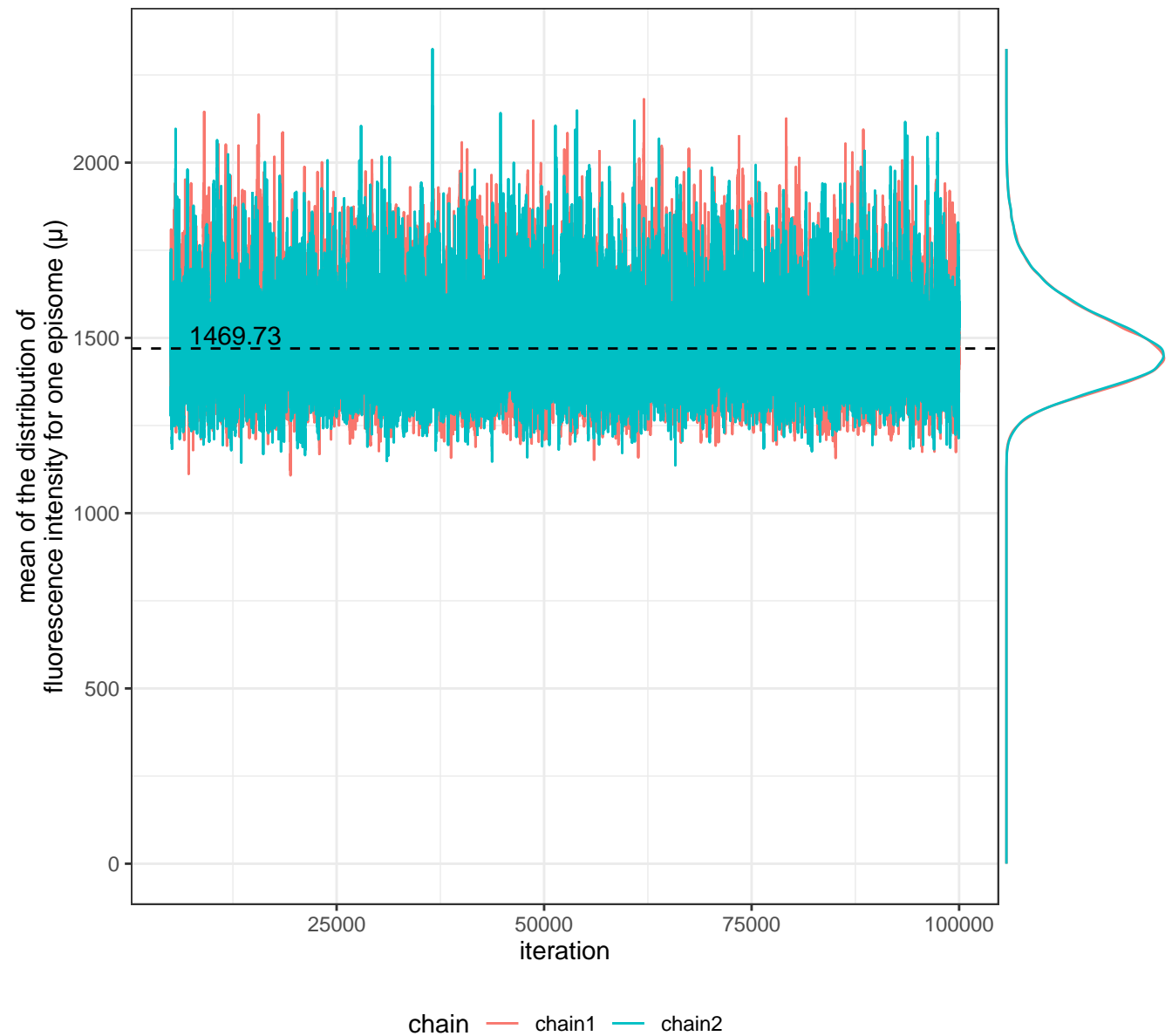
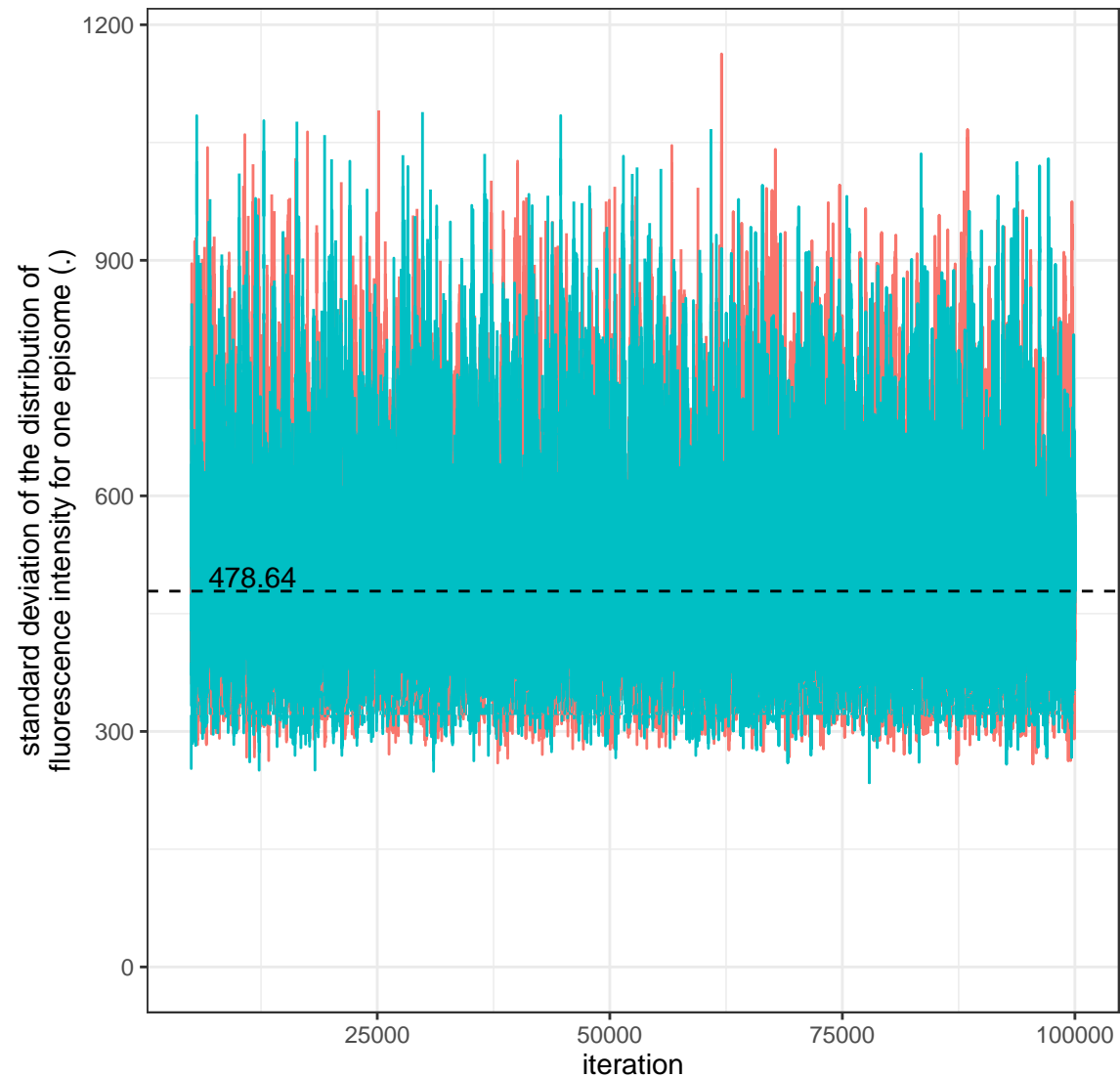
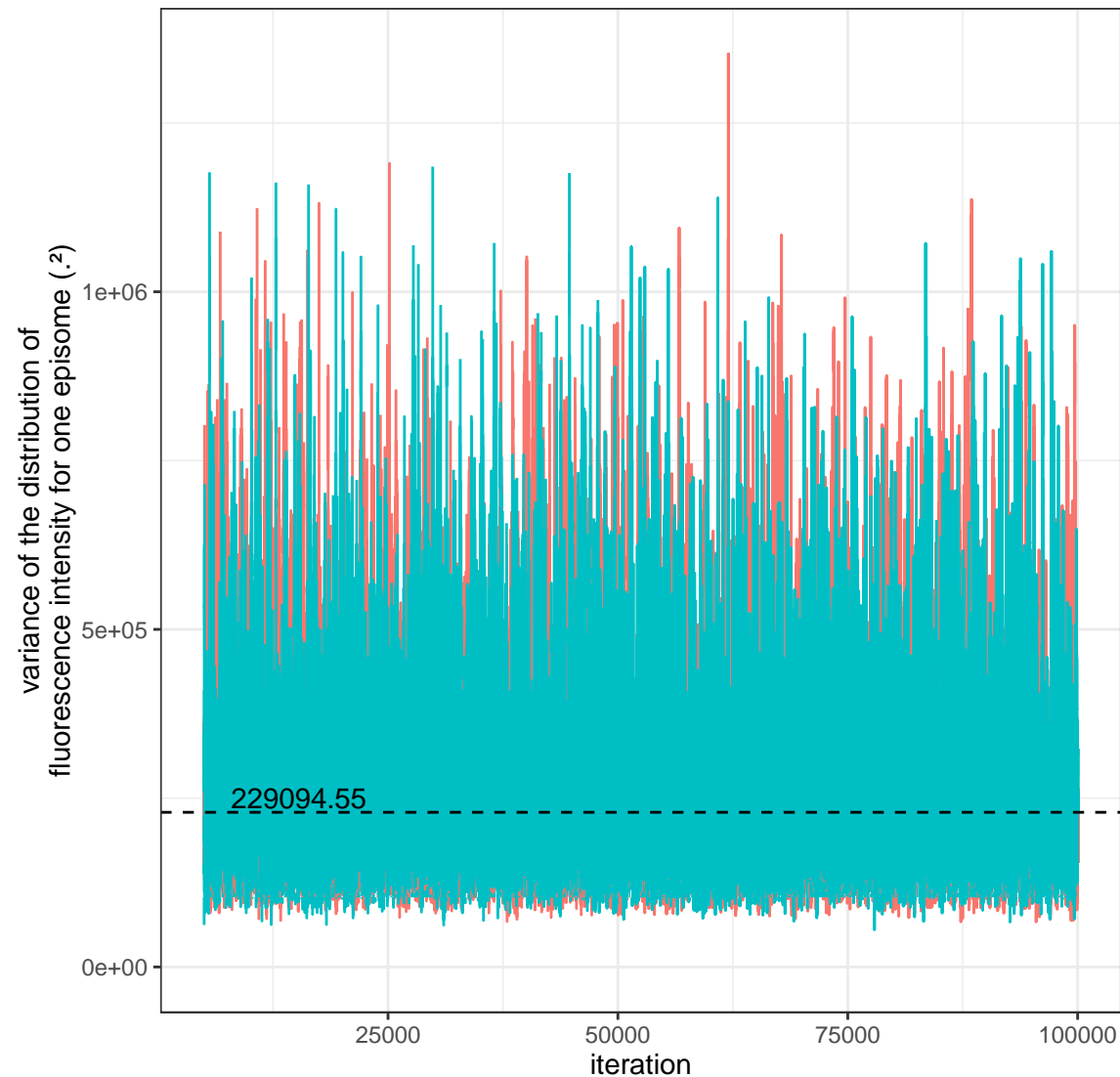


Trace of the mean ( $\mu$ )

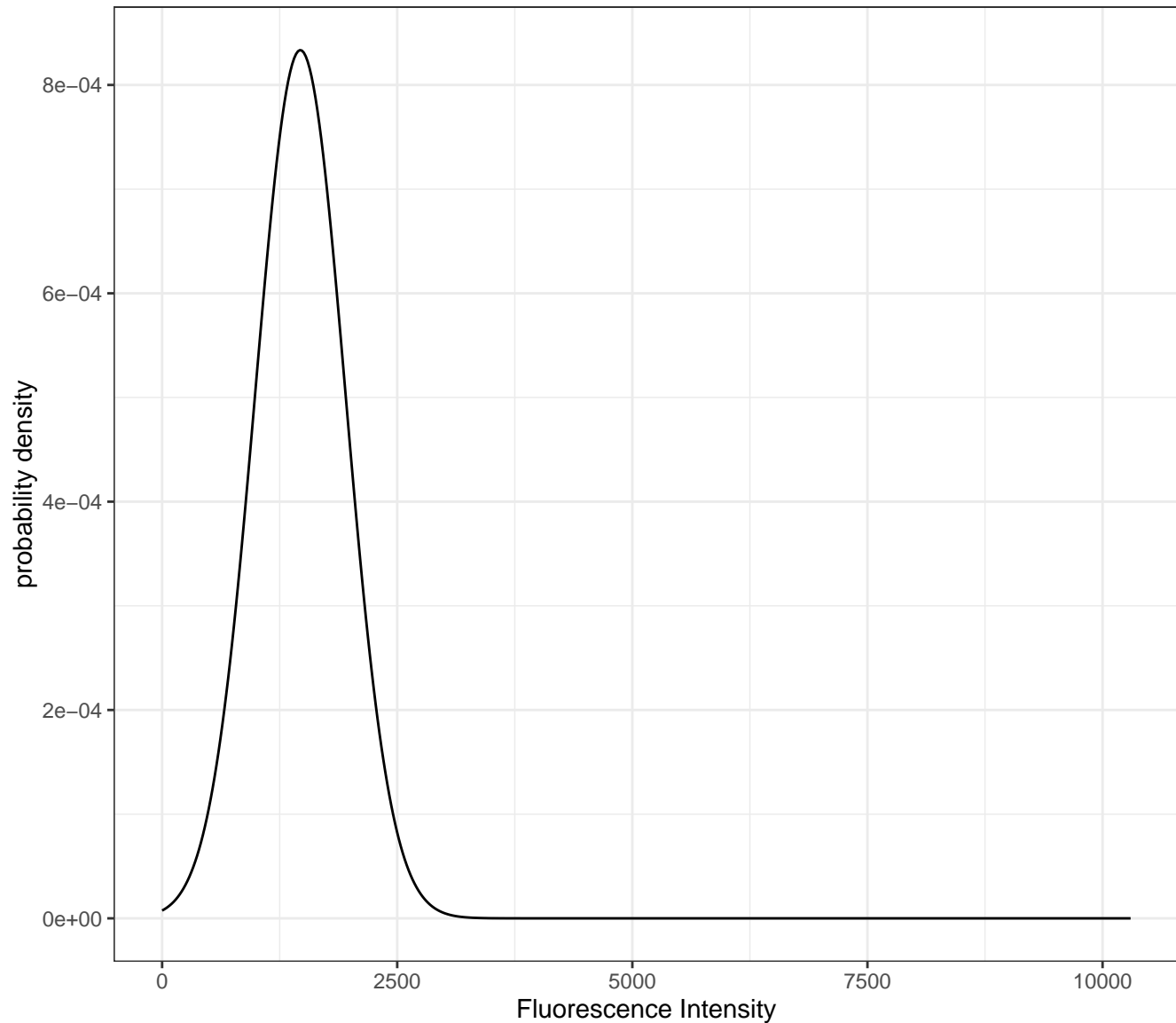
## Trace of the standard deviation (.)



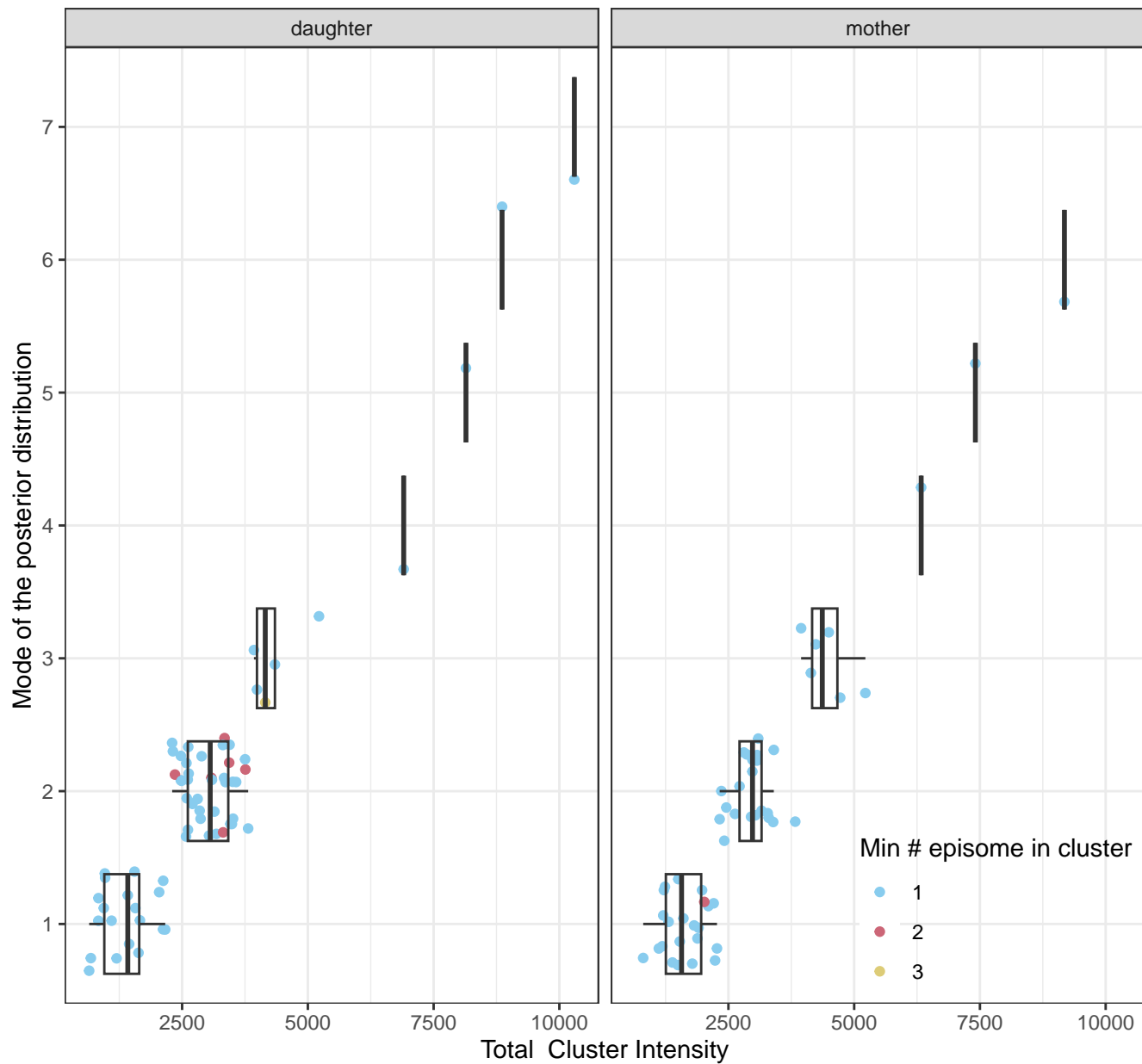
Trace of the variance ( $\cdot^2$ )

# Inferred distribution of fluorescence intensity of a single cluster

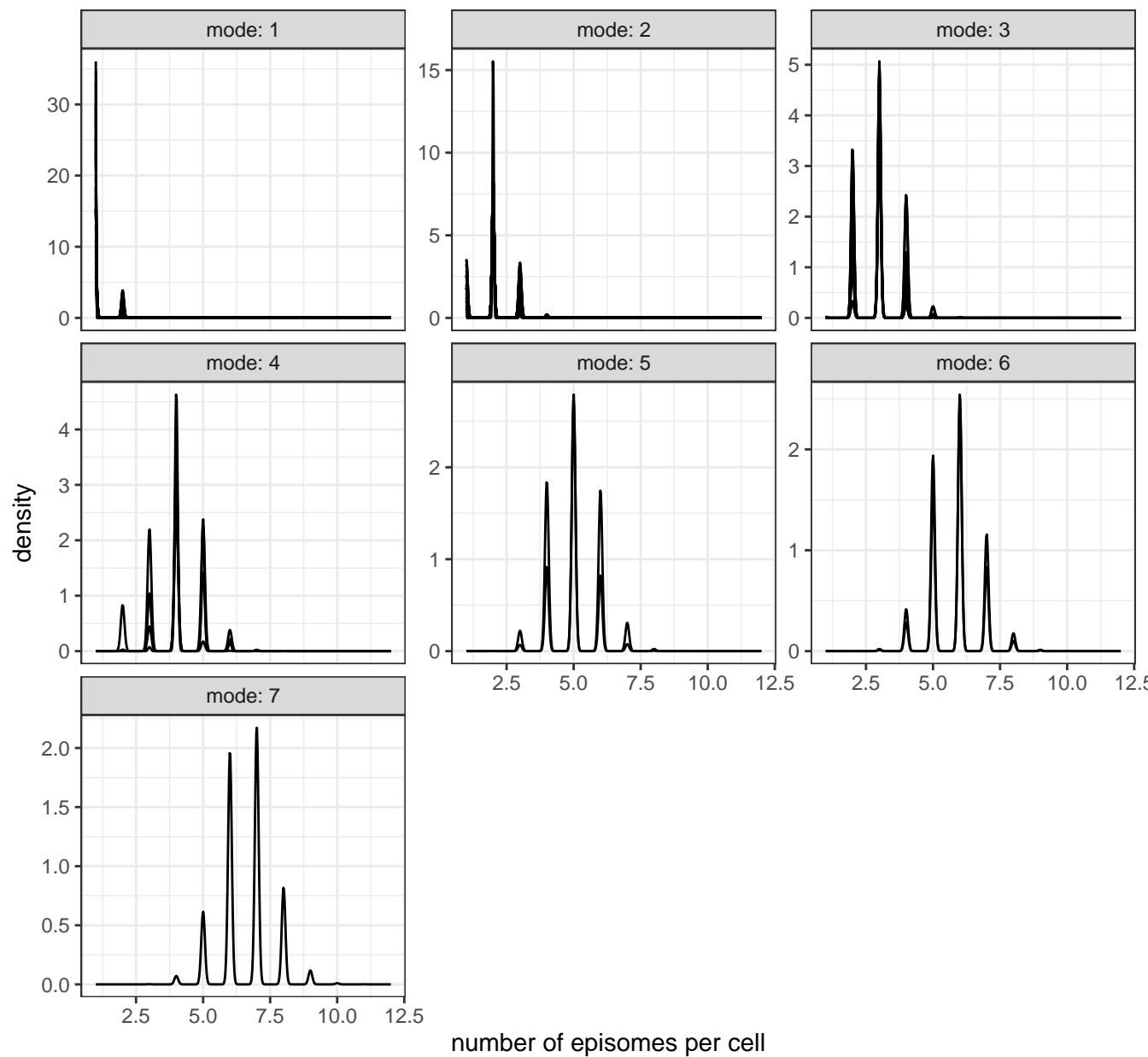
mean = 1469.73, standard deviation = 478.64



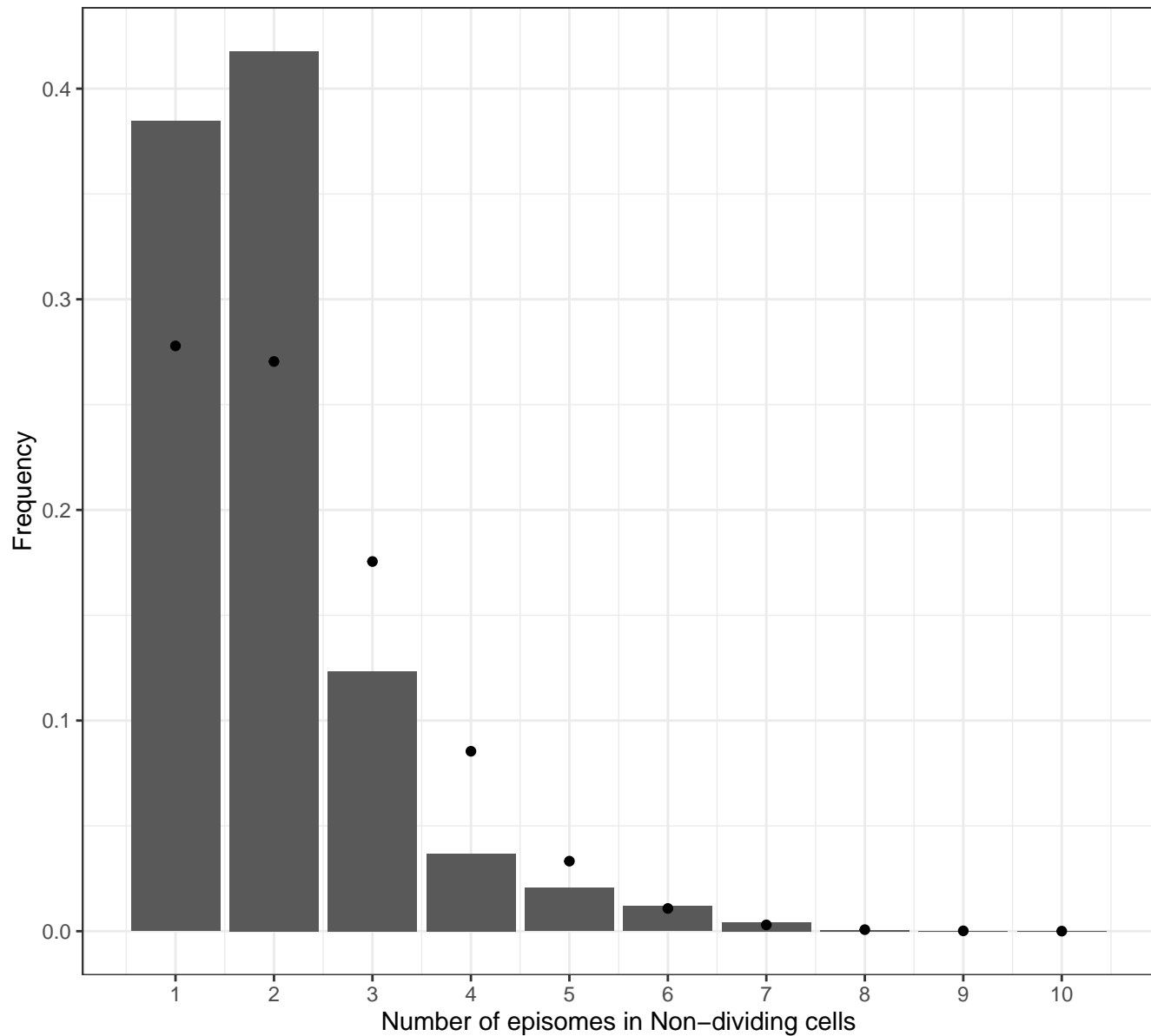
## Distribution of cluster intensities

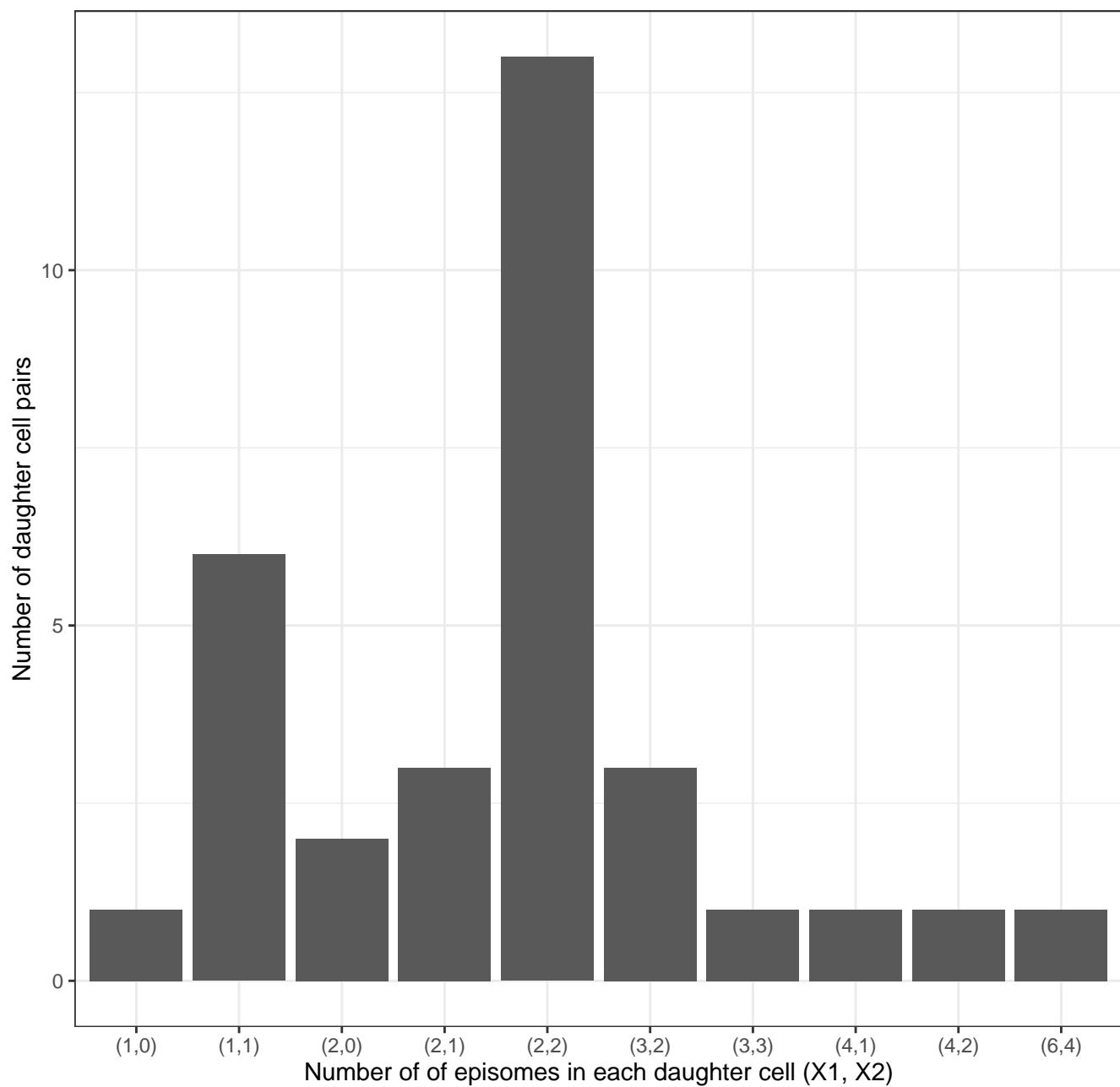


# Posterior probabilities for number of episomes per cell



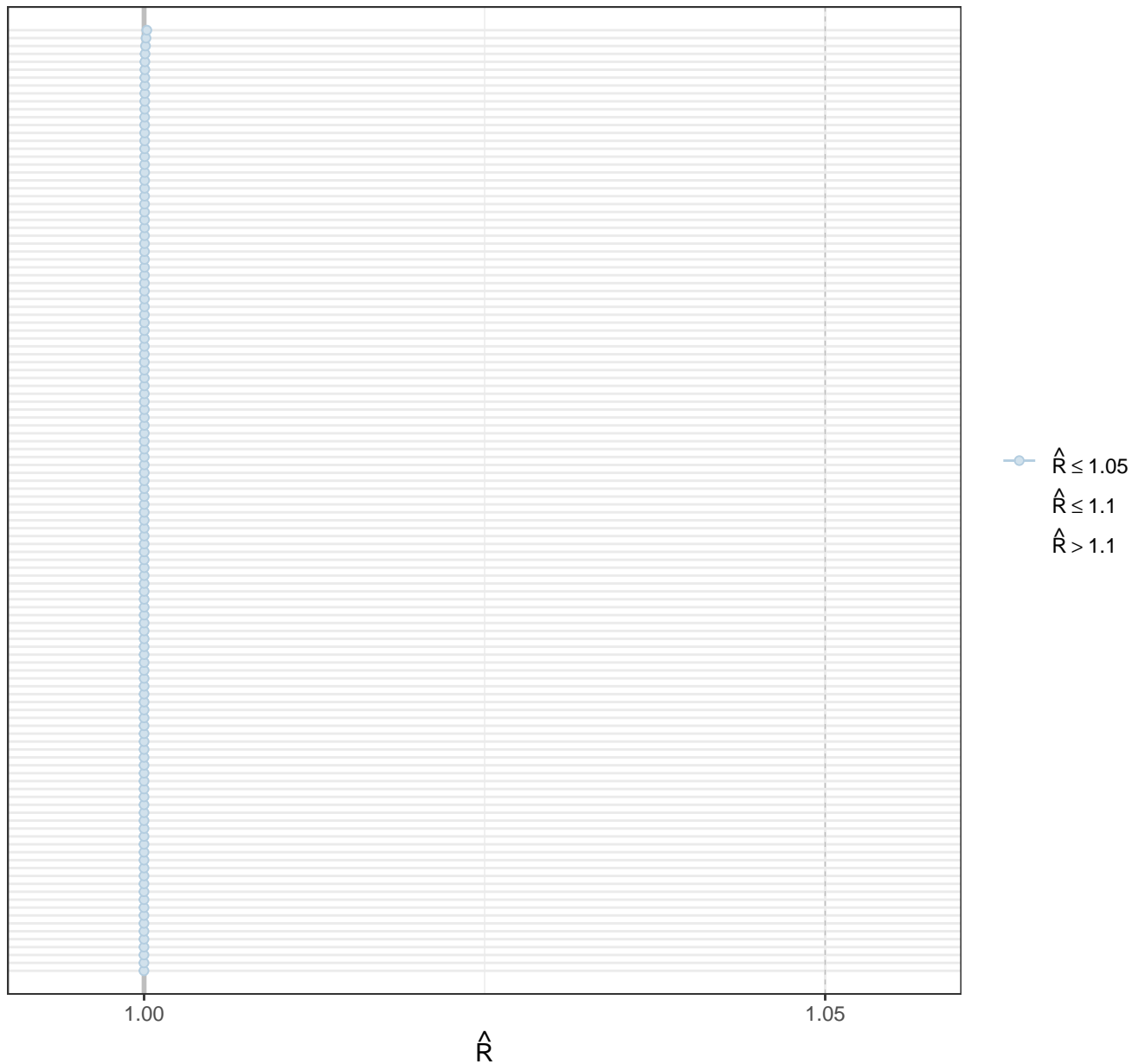
## Sampled distribution of initial number of episomes

 $X_0 \sim \text{poisson}(\text{lambda} = 1.95)$ , median = 2

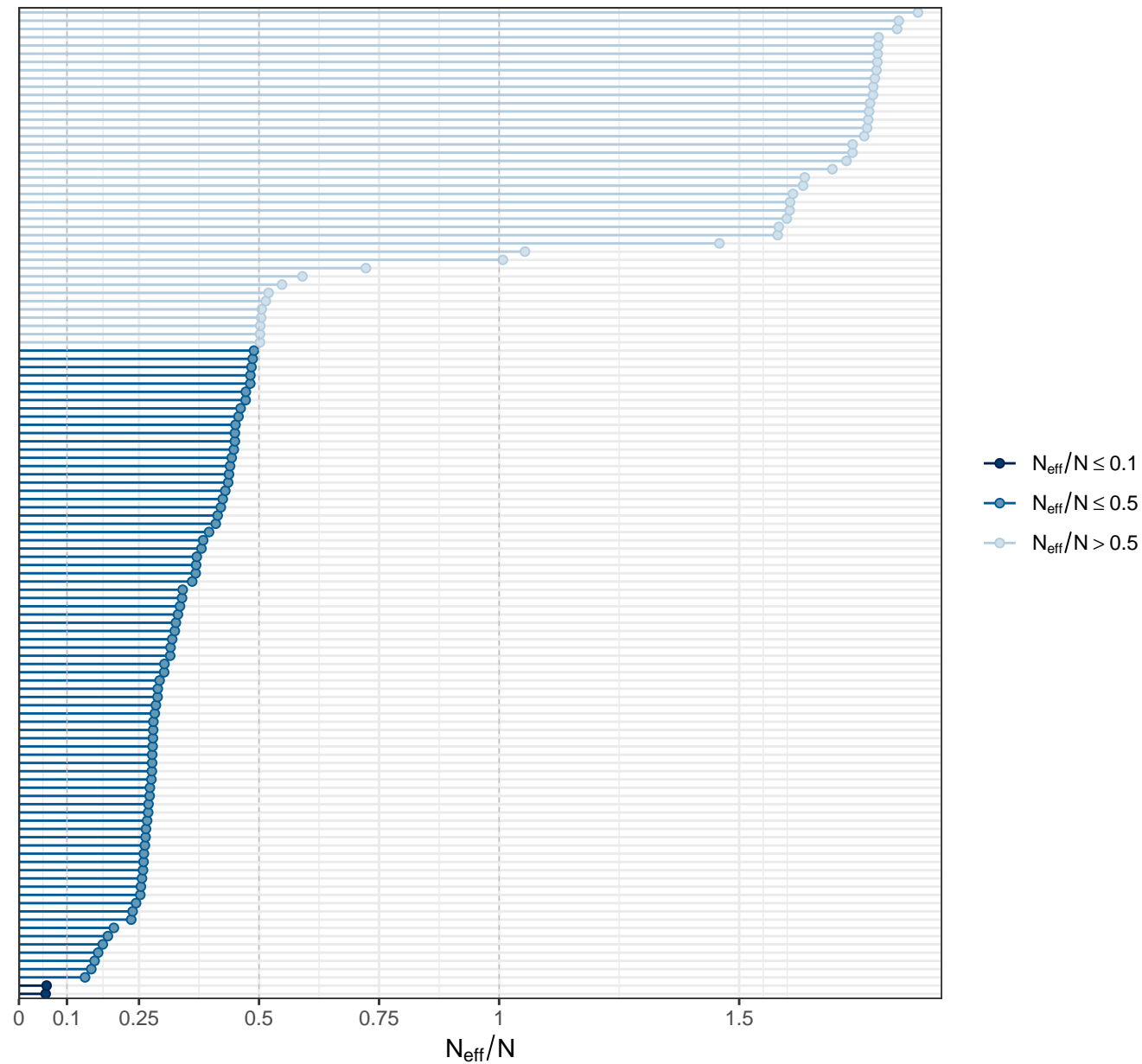




Rhat



## Bulk Effective Sample Size Ratio



## Tail Effective Sample Size Ratio

