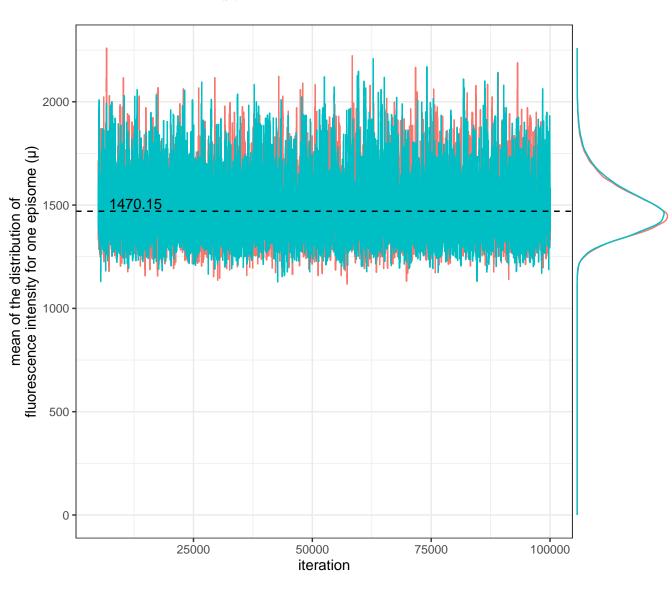
Trace of the mean (µ)

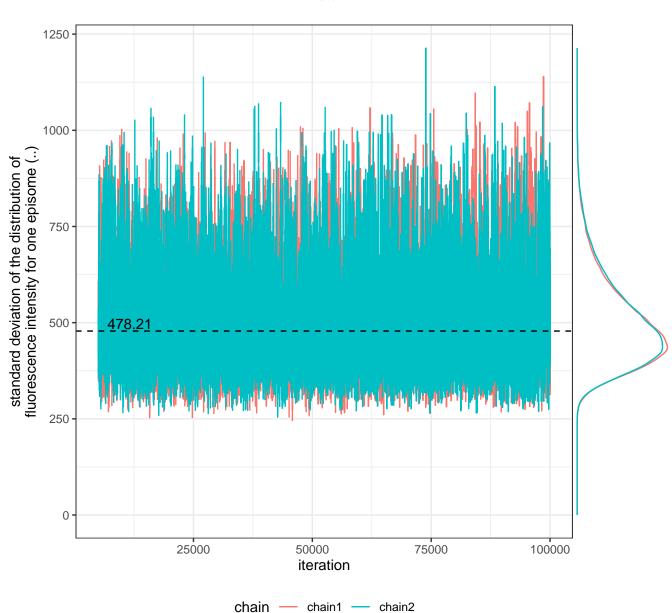


chain

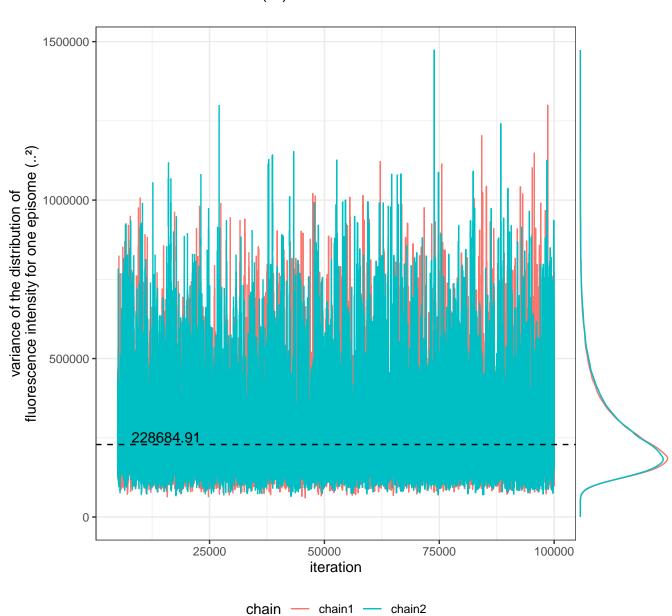
chain1

chain2

page 2 of 11 Trace of the standard deviation (..)



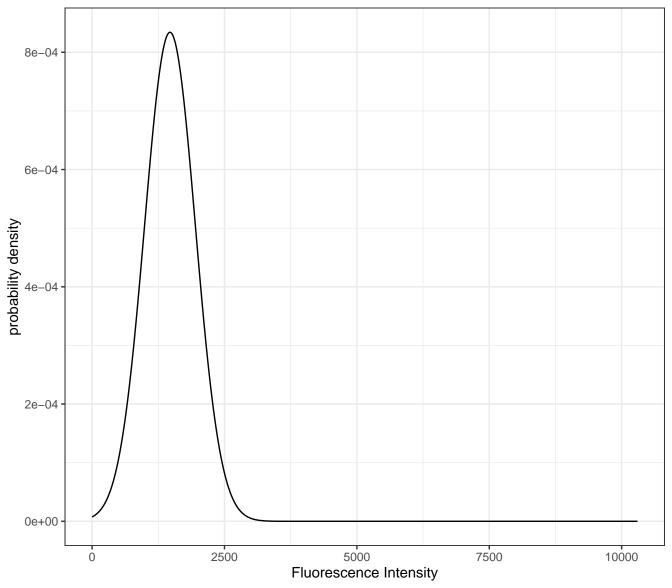
page 3 of 11 Trace of the variance $(...^2)$



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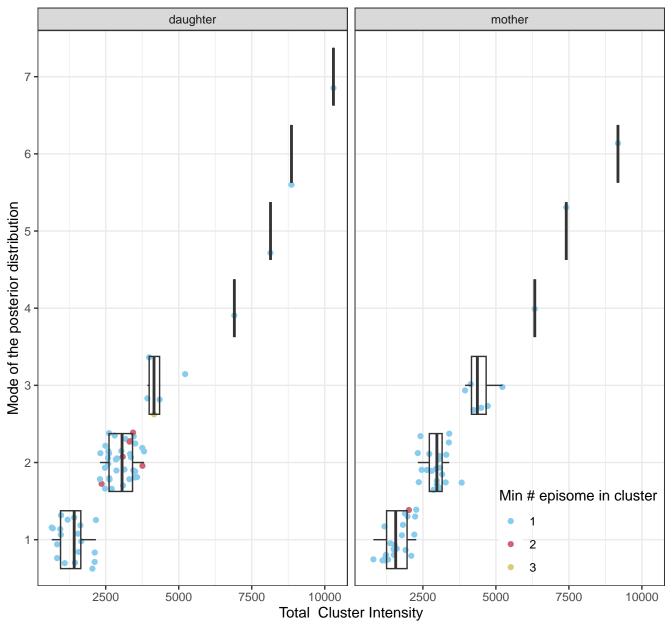
Inferred distribution of fluorescence intensity of a single cluster

mean = 1470.15, standard deviation = 478.21



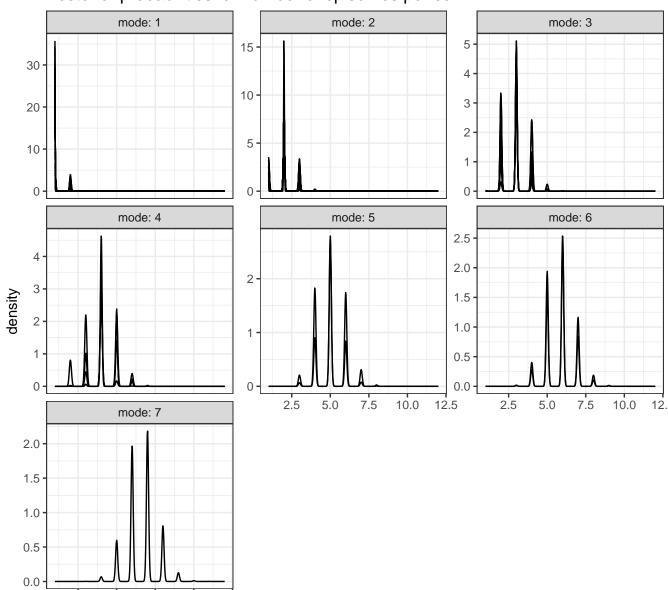
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Distribution of cluster intensities



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Posterior probabilities for number of episomes per cell



number of episomes per cell

2.5

5.0

7.5

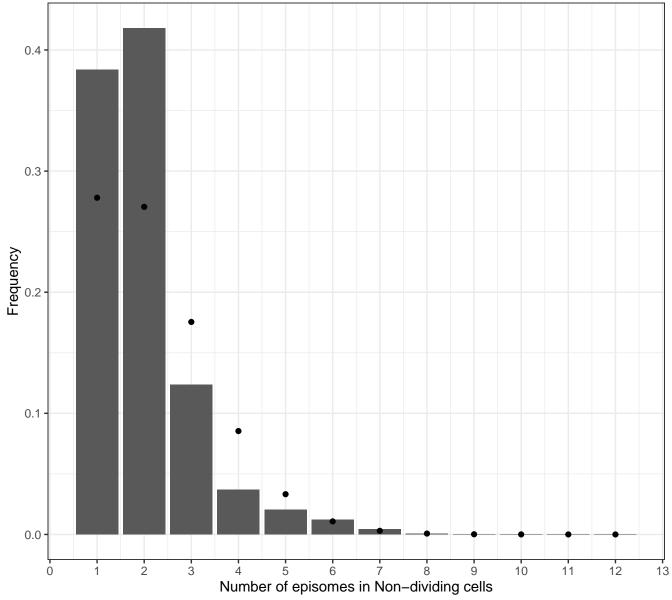
10.0

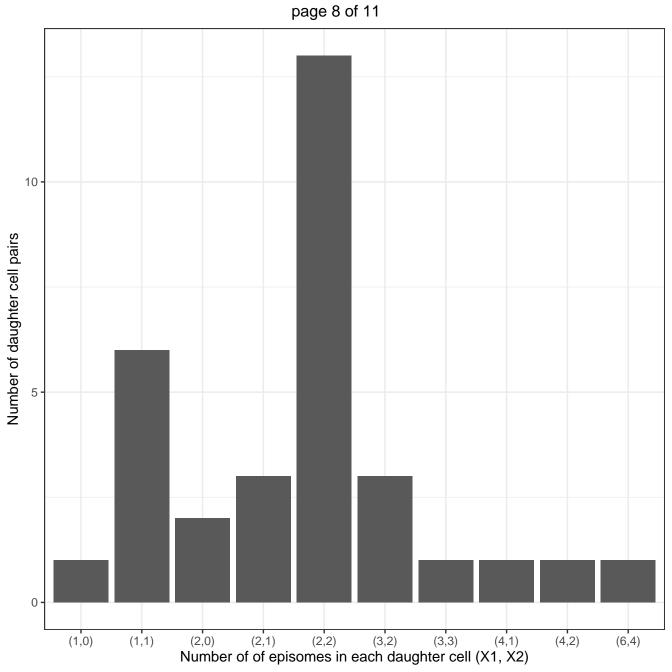
12.5

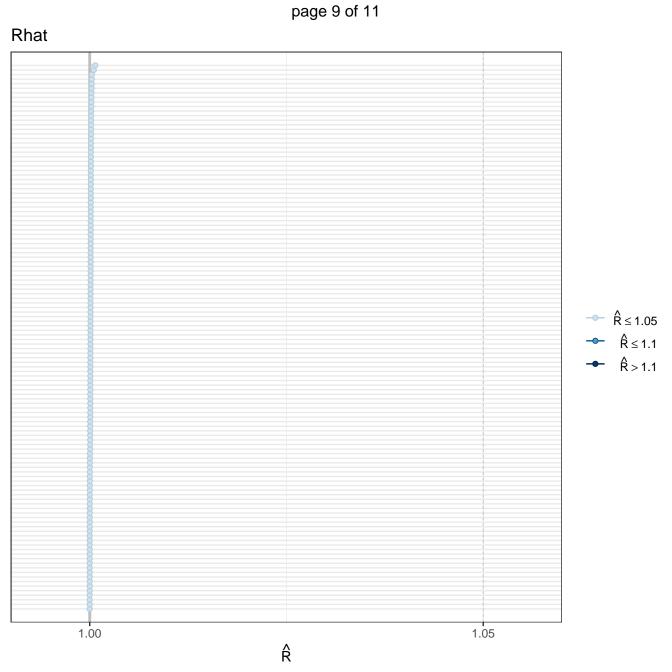
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Sampled distribtion of initial number of episomes

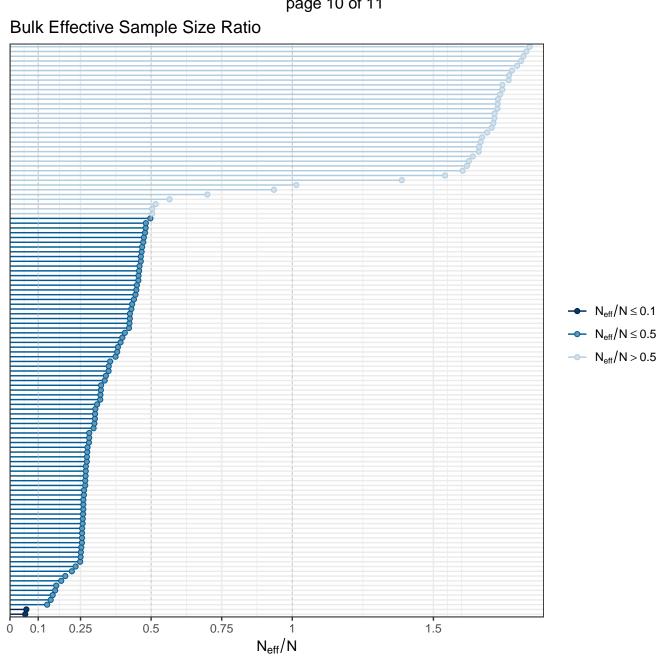
 $X0 \sim poisson(lambda = 1.95)$, median = 2







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