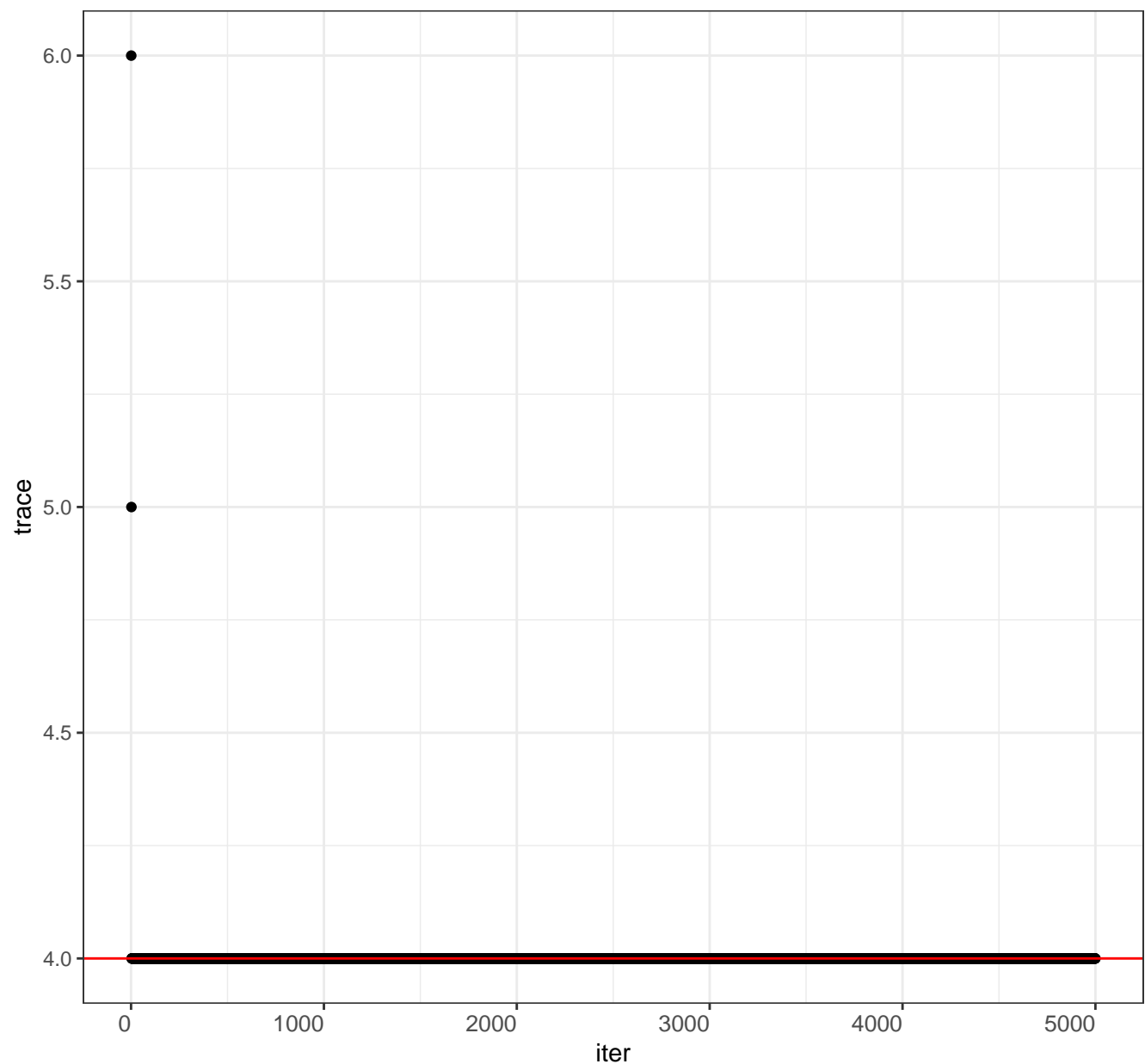




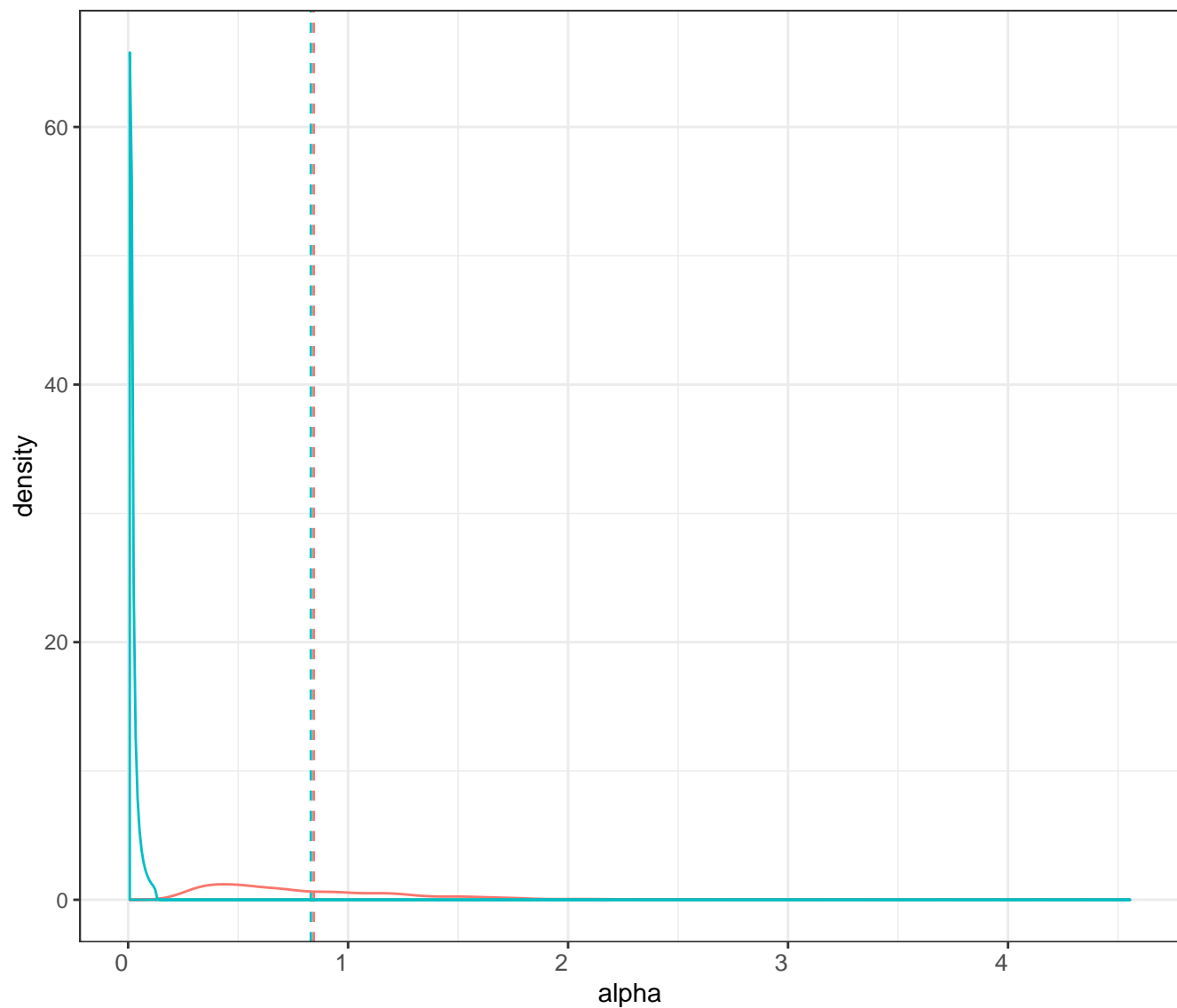
Trace plot for the number of groups K for S=50 r=15 true K=4 type=2



Number of iterations: 5000 burnin: 1000number of samples: 500

Distribution alpha: S=50 ,r=15 true gr K=4 ,type=2 ,N=50

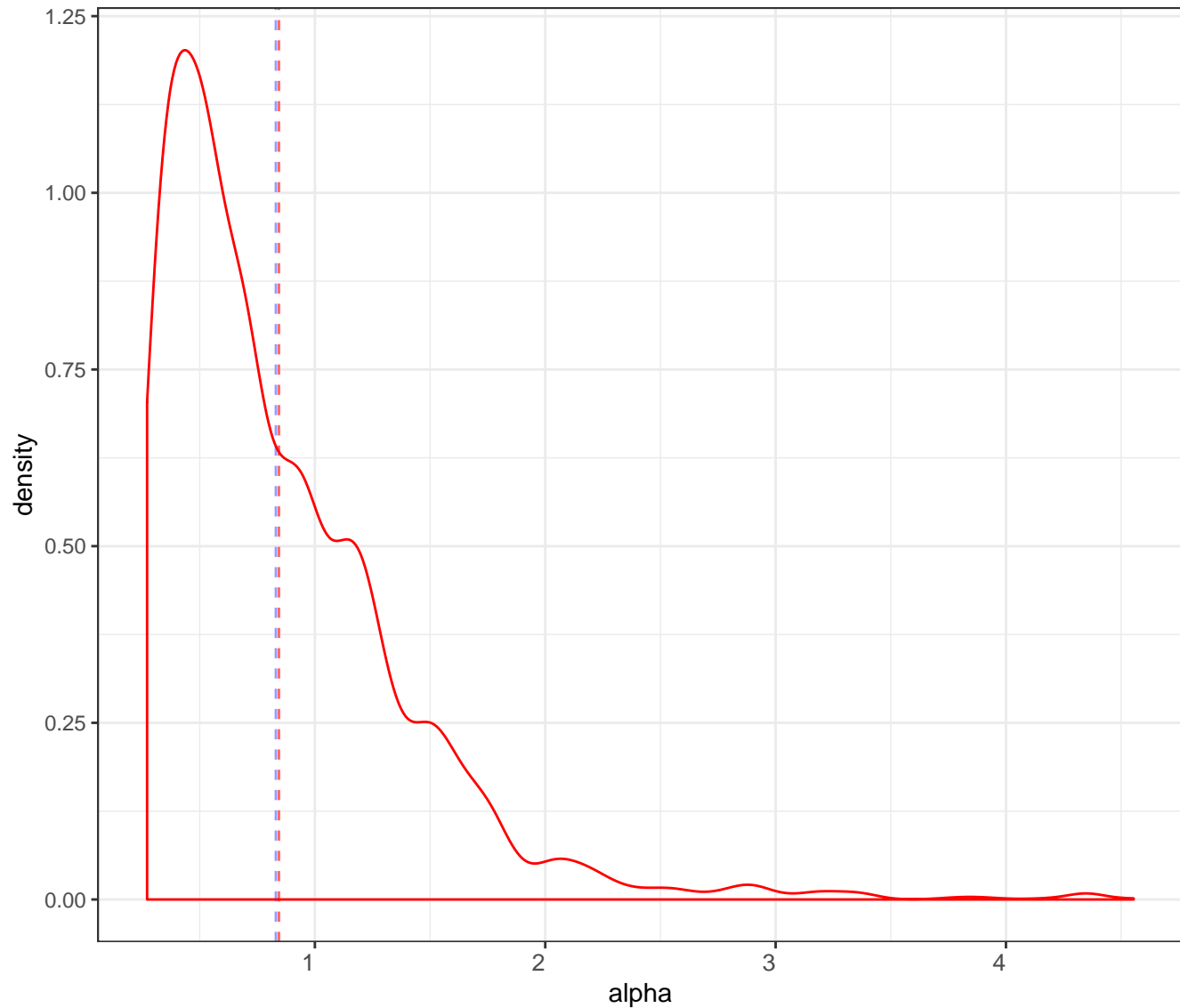
type  posterior  prior



Number of iterations: 5000 burnin: 1000 number of samples: 500

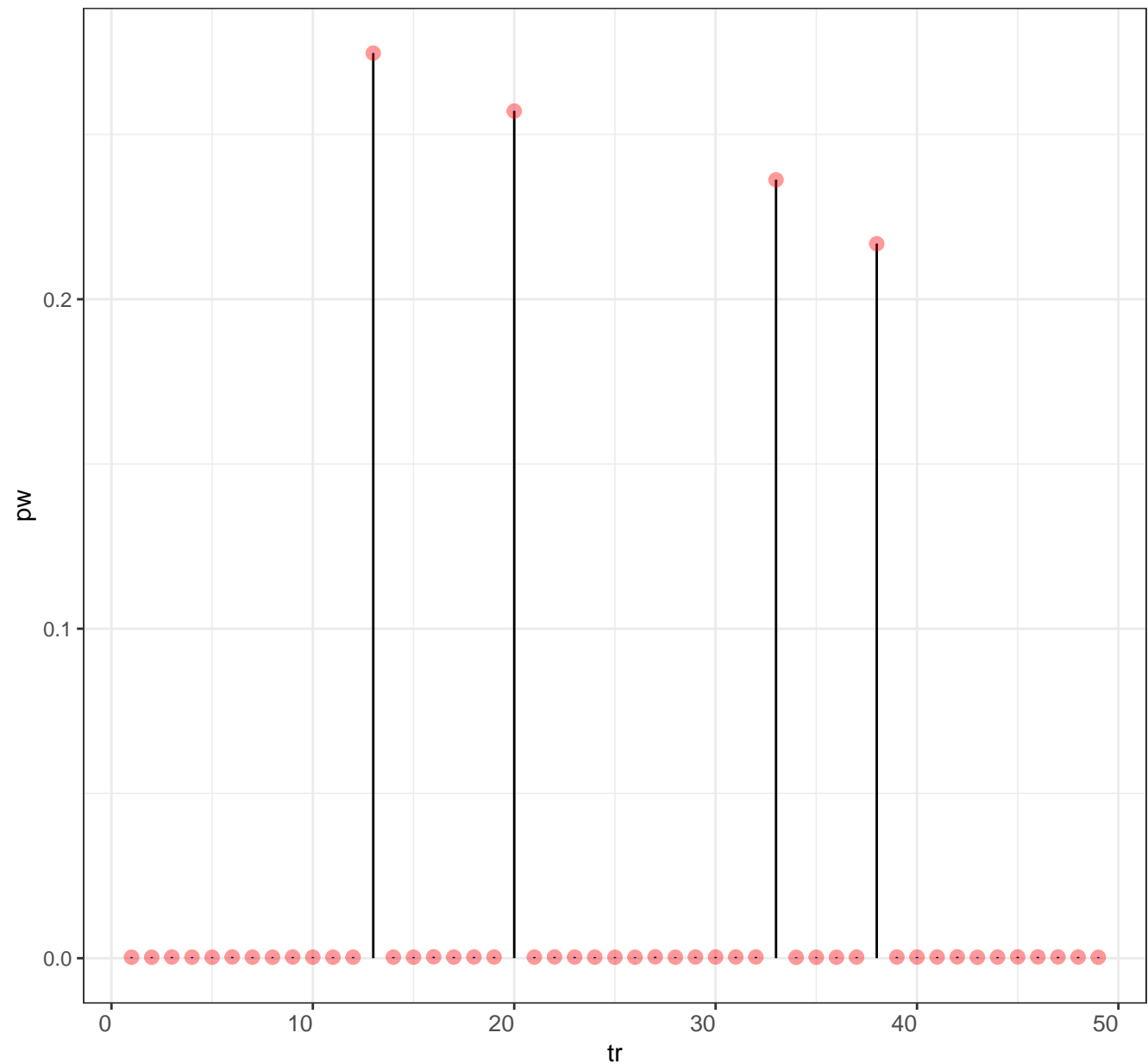
# Posterior distribution for alpha

Legend      posterior mean      prior mean



Number of iterations: 5000 burnin: 1000 number of samples: 500 S=50 ,r=15 true gr K=4 ,type=2 ,N=50

Weights for the case:  $S=50$  , $r=15$  true gr  $K=4$  ,type=2 , $N=50$   $pN=0$



Number of iterations: 5000 burnin: 1000 number of samples: 500