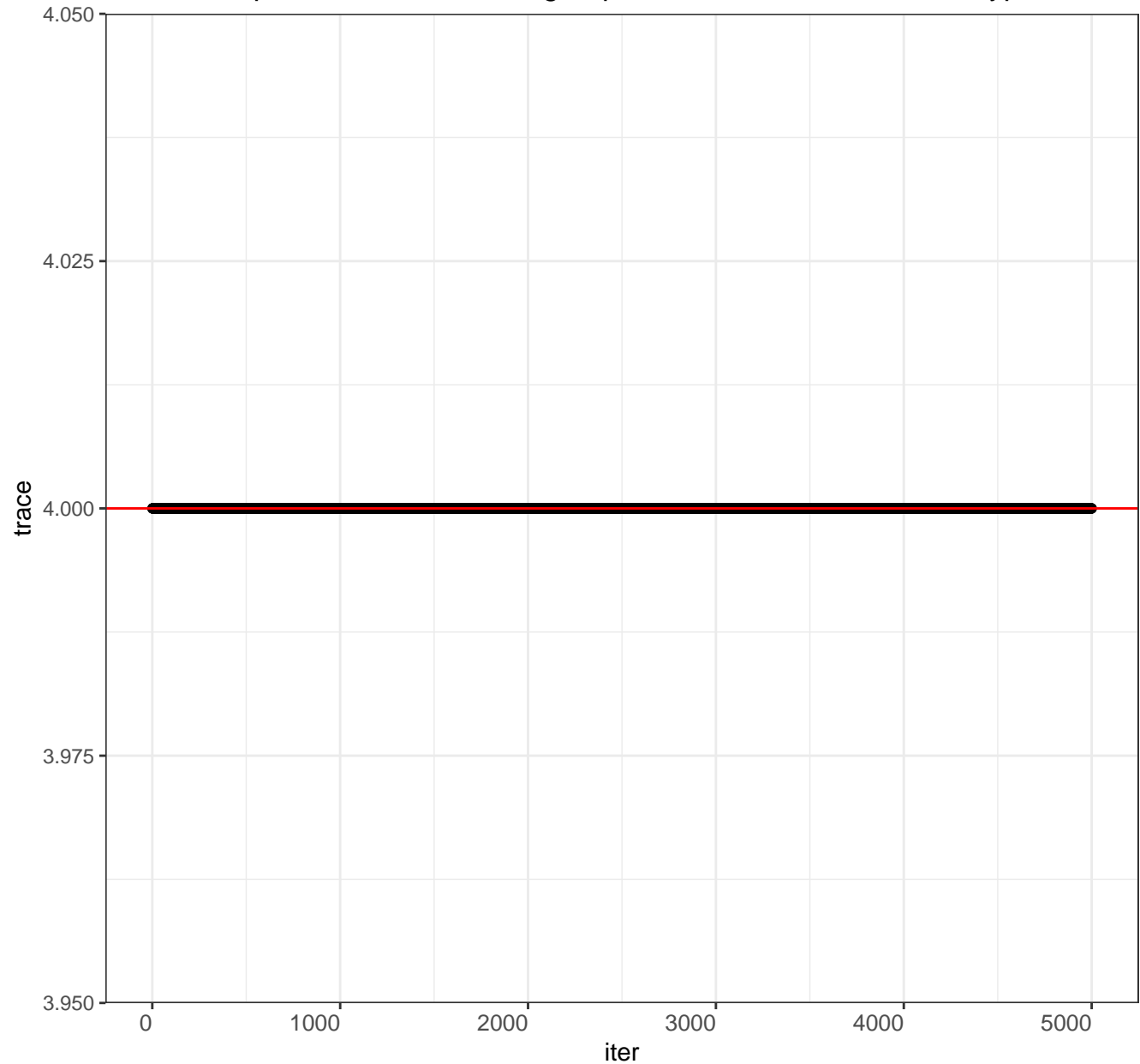




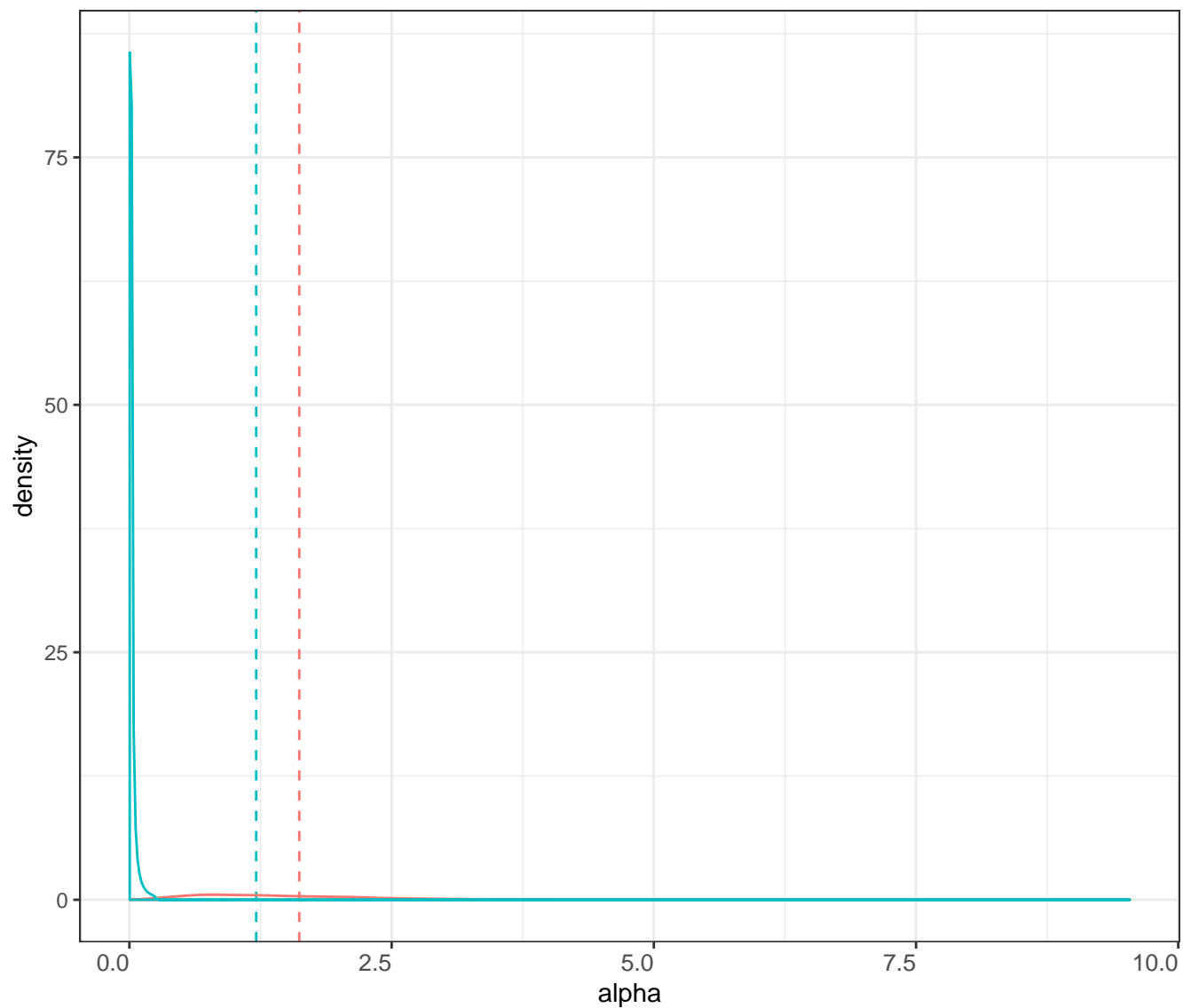
Trace plot for the number of groups K for S=20 r=10 true K=4 type=2



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

Distribution alpha: S=20 ,r=10 true gr K=4 ,type=2 ,N=20

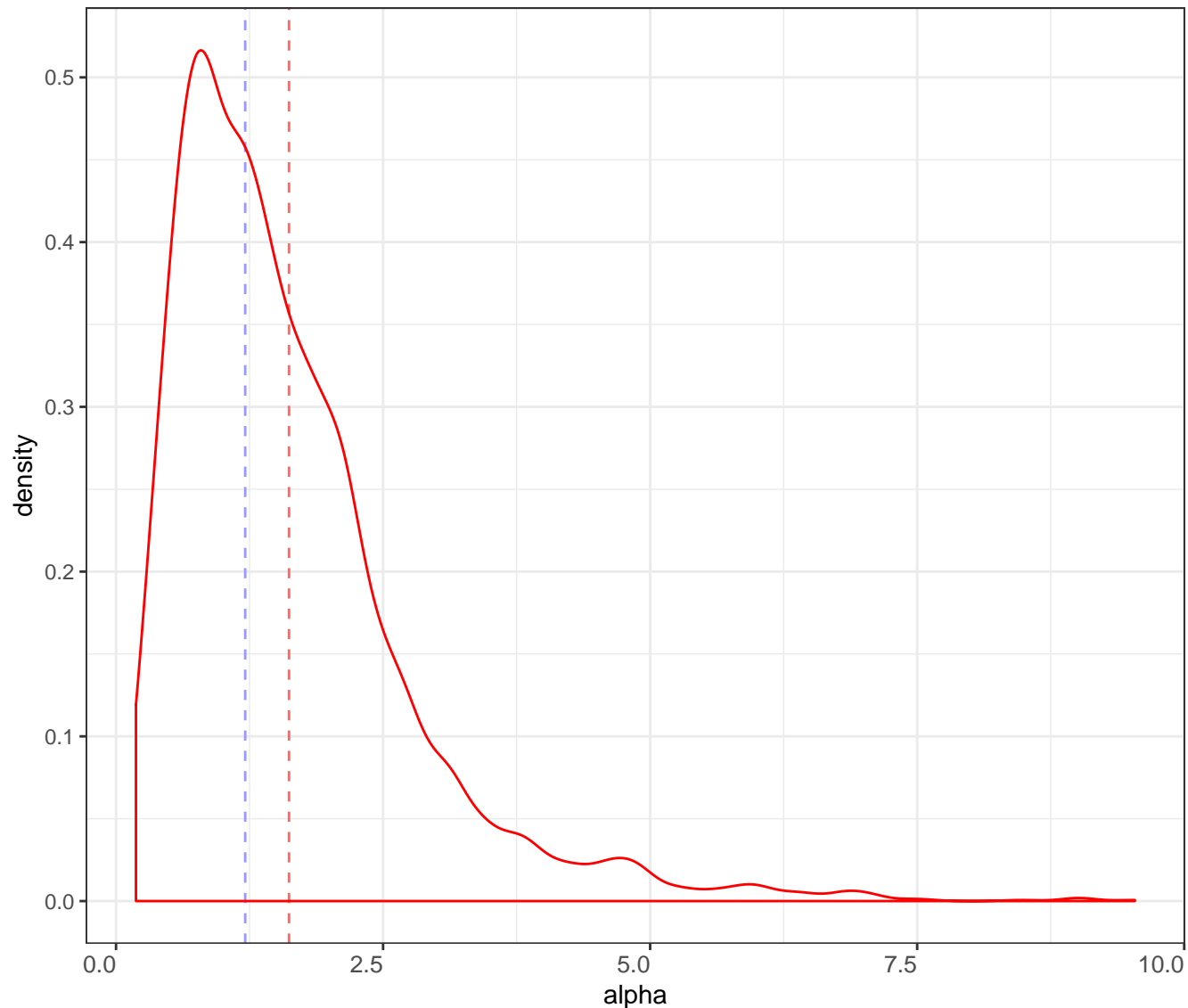
type  posterior  prior



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

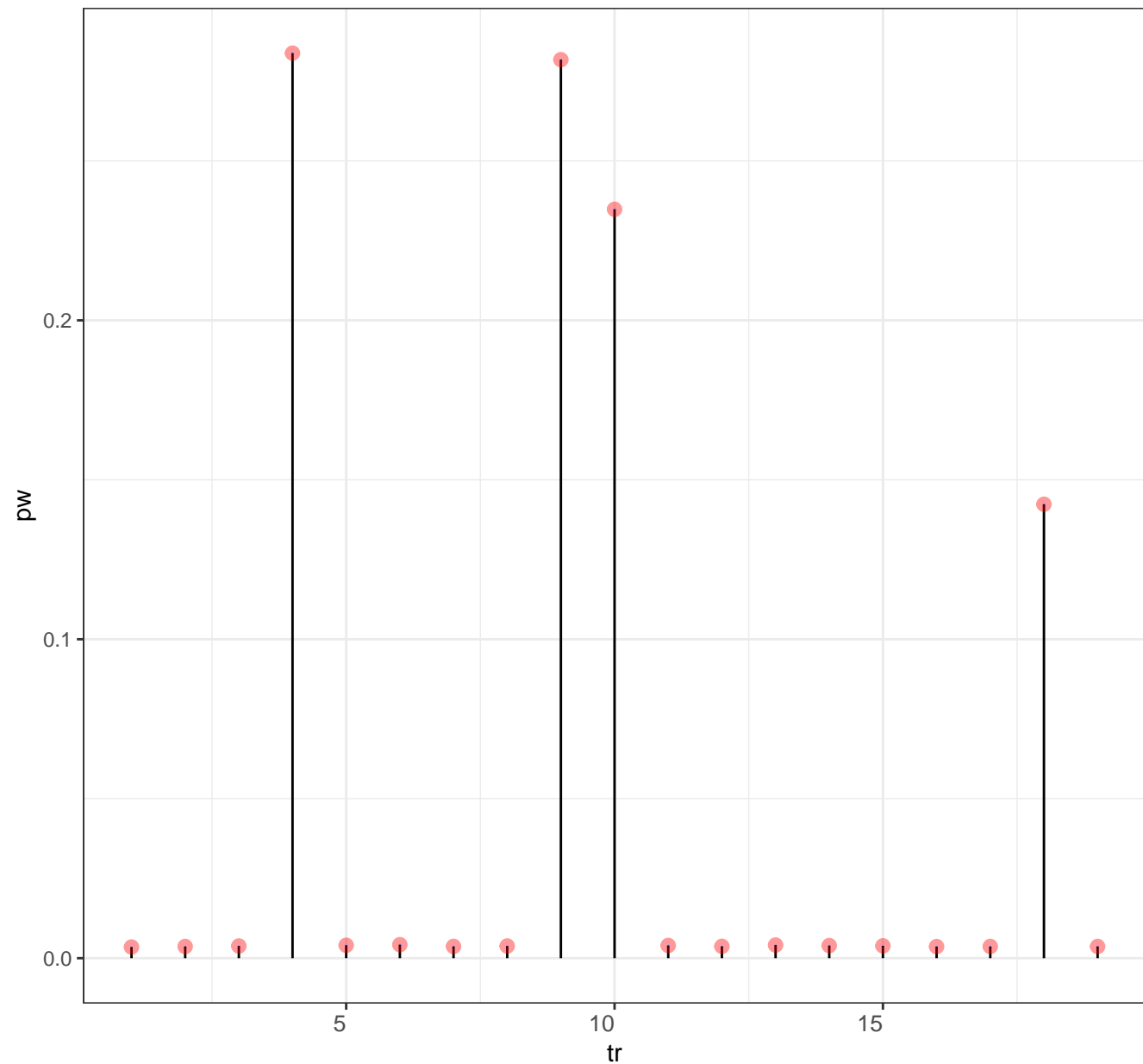
Posterior distribution for alpha

Legend posterior mean prior mean



Number of iterations: 5000 burnin: 1000 number of samples: 500 S=20 ,r=10 true gr K=4 ,type=2 ,N=20

Weights for the case: $S=20$, $r=10$ true gr $K=4$,type=2 , $N=20$ $pN=0.004$



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