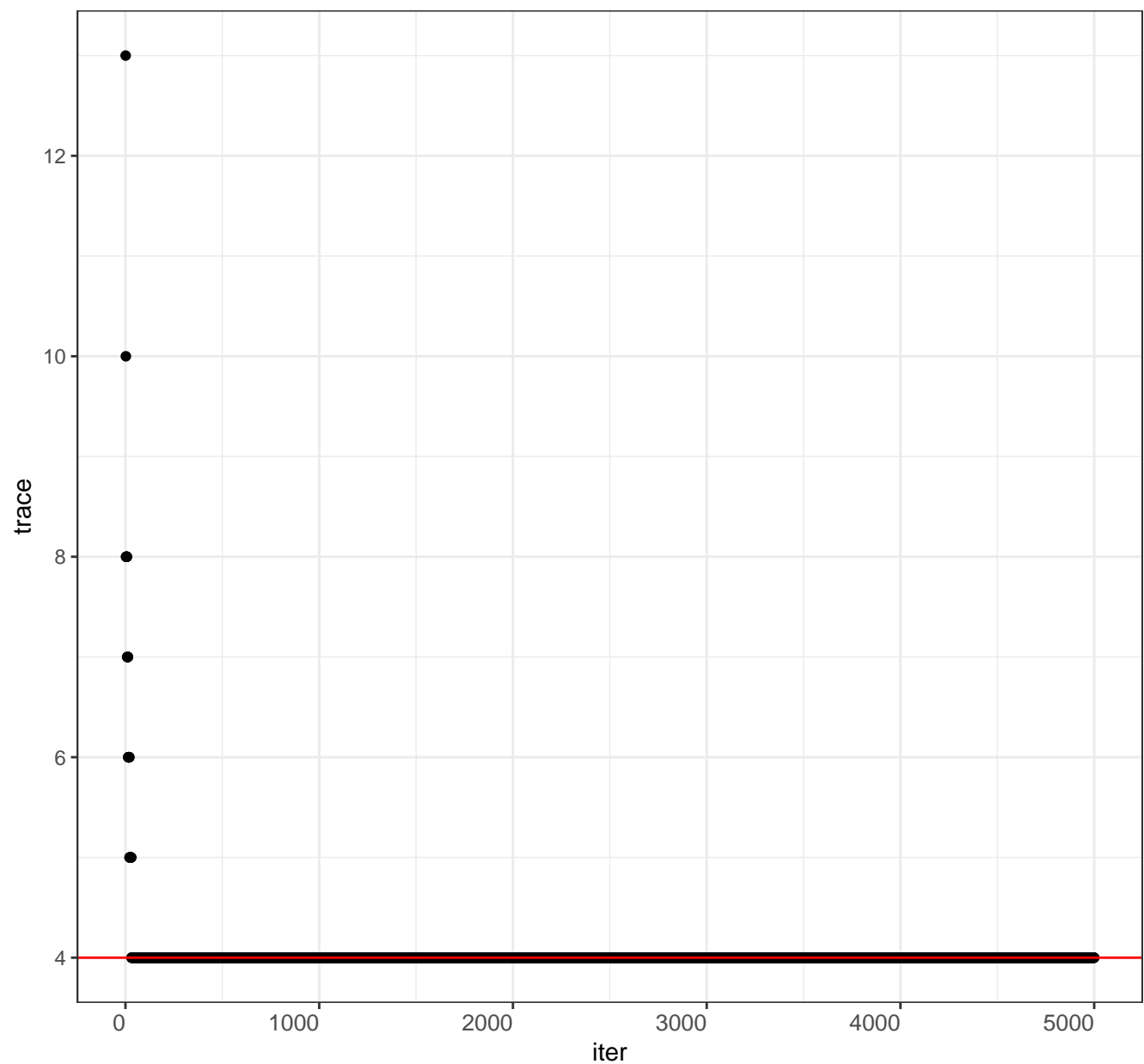




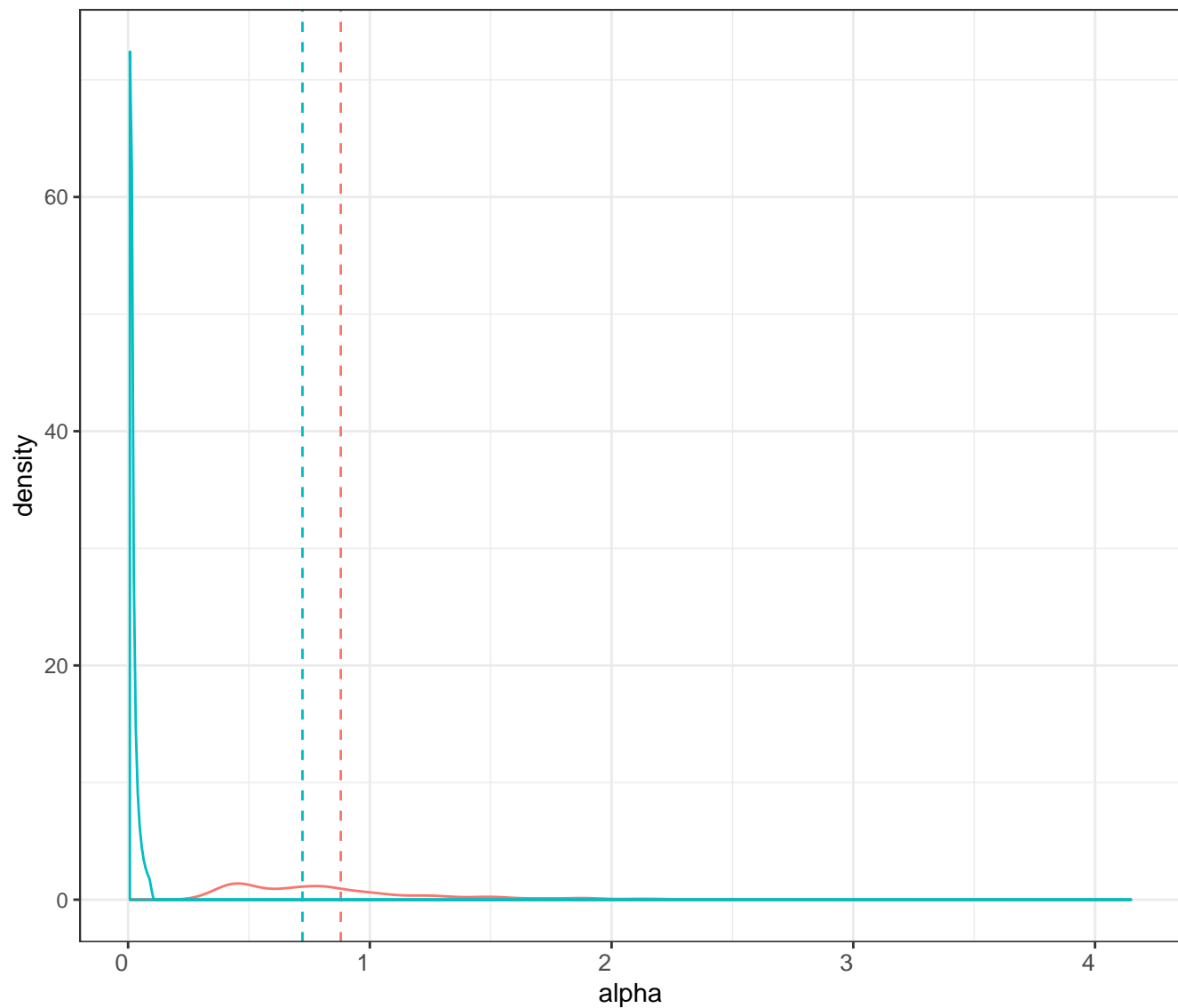
Trace plot for the number of groups K for S=80 r=5 true K=4 type=2



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

Distribution alpha: S=80 ,r=5 true gr K=4 ,type=2 ,N=80

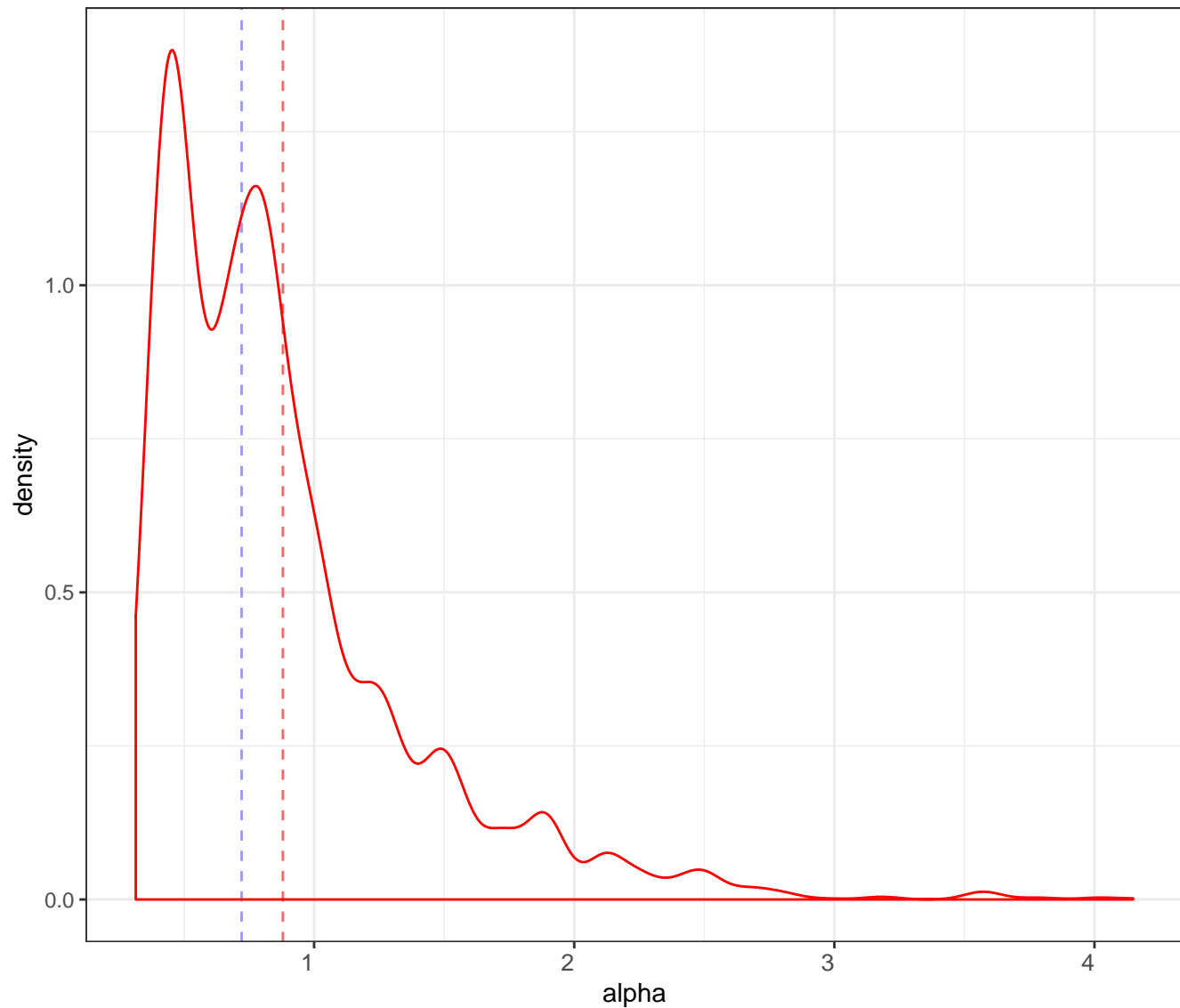
type  posterior  prior



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

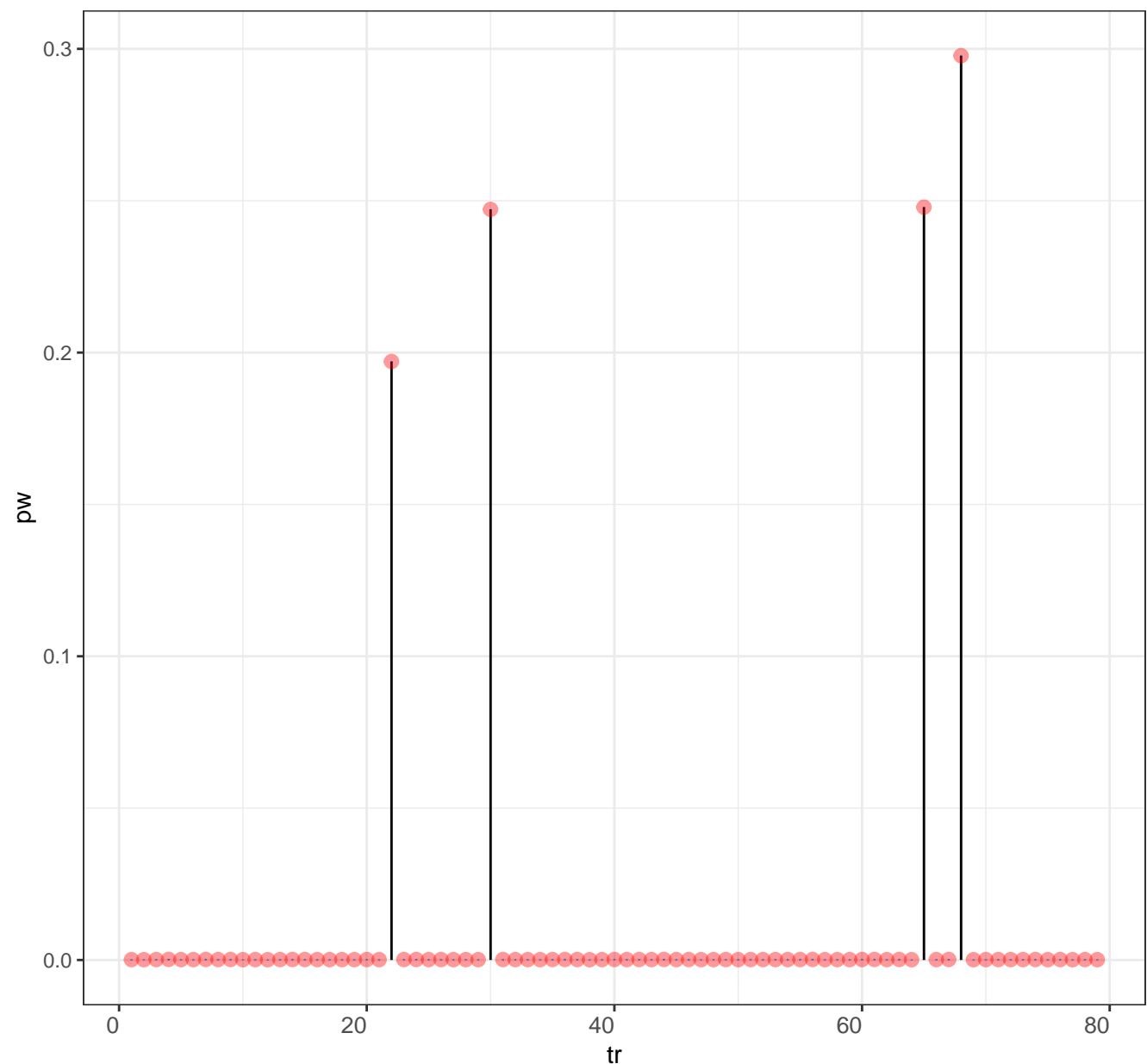
Posterior distribution for alpha

Legend posterior mean prior mean



Number of iterations: 5000 burnin: 1000 number of samples: 500 S=80 ,r=5 true gr K=4 ,type=2 ,N=80

Weights for the case: $S=80$, $r=5$ true gr $K=4$,type=2 , $N=80$ $pN=0$



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