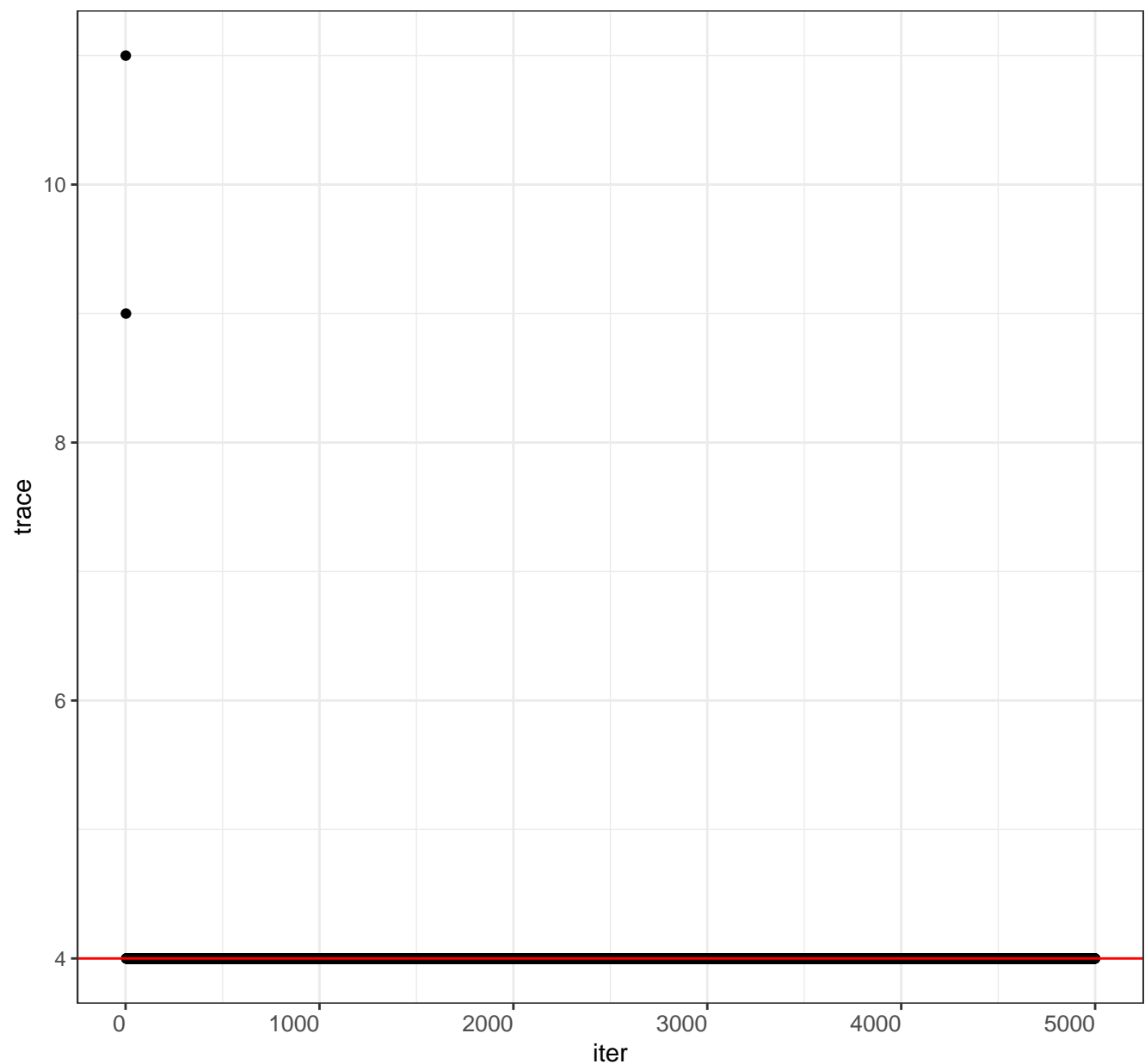


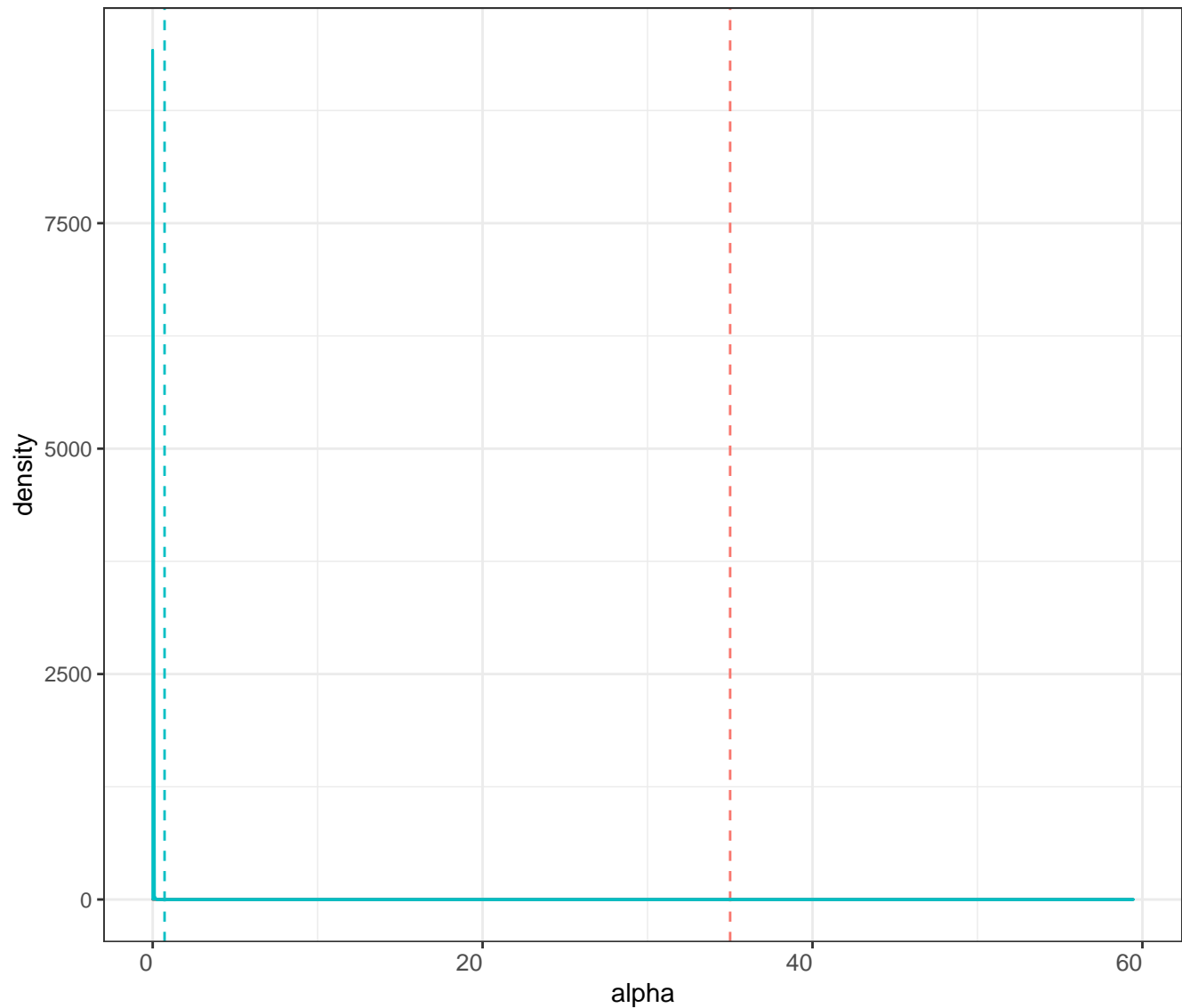
Trace plot for the number of groups K for S=80 r=10 true K=4 type=1



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

Distribution alpha: S=80 ,r=10 true gr K=4 ,type=1 ,N=150

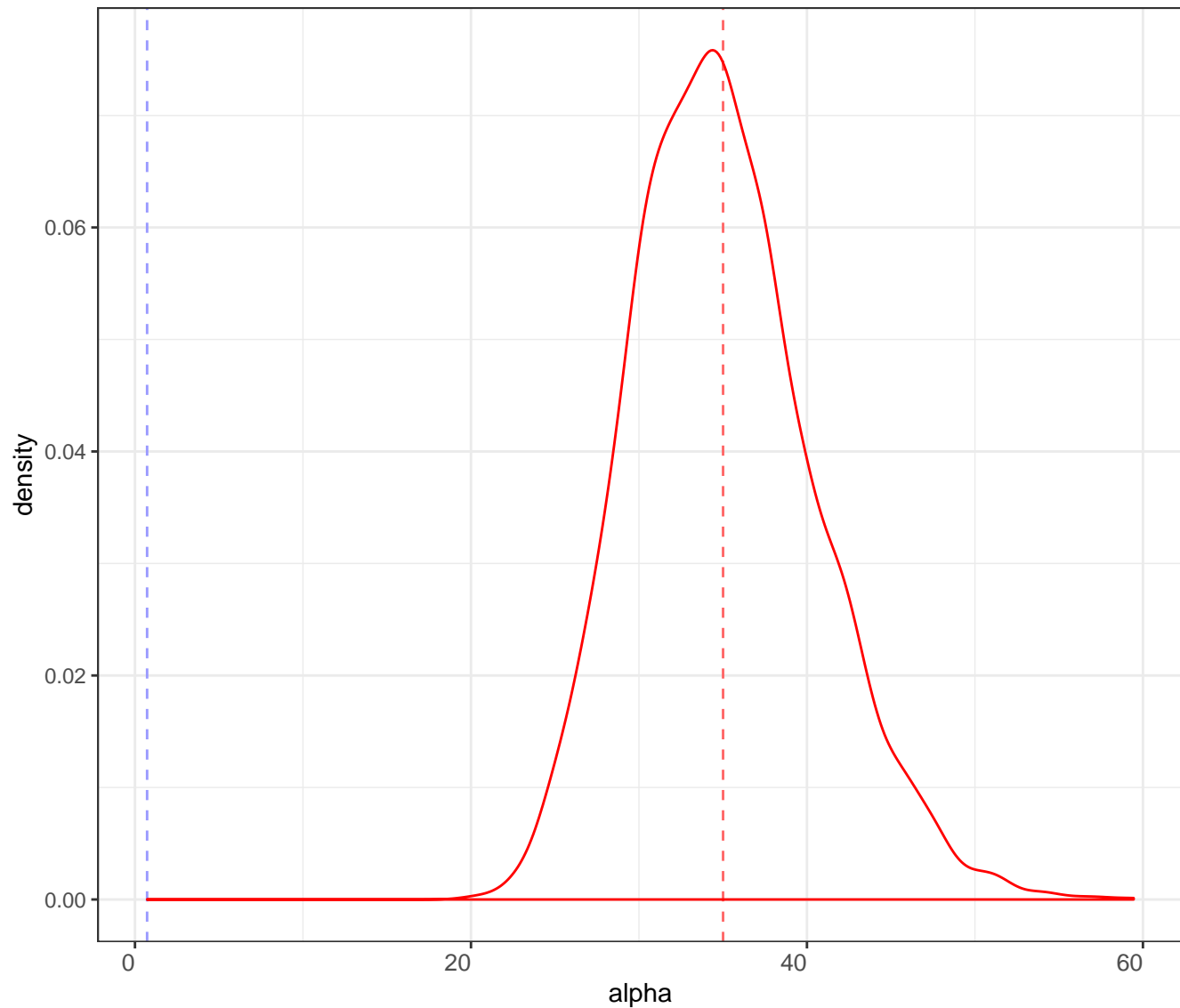
type □ posterior □ prior



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

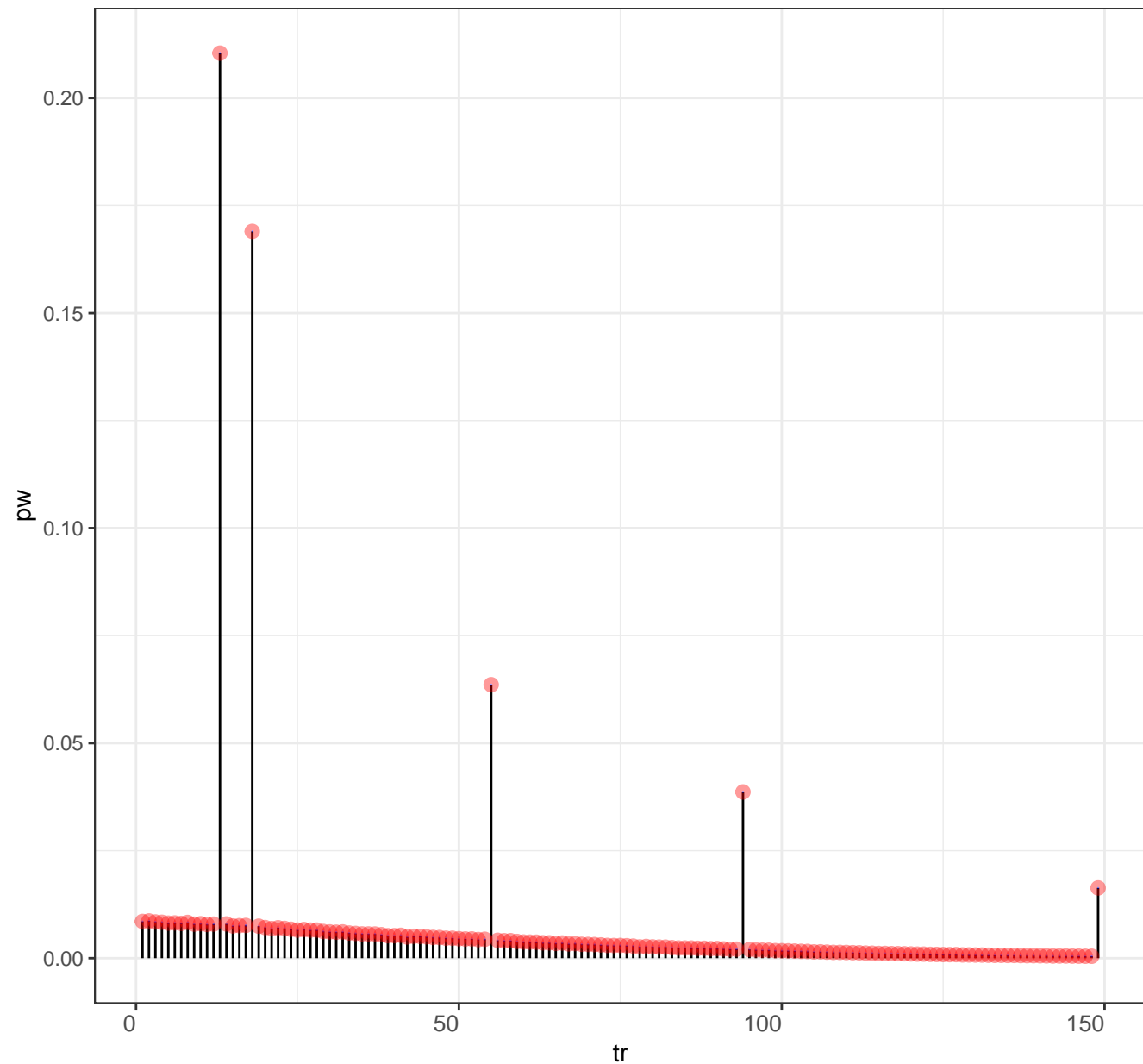
Posterior distribution for alpha

Legend posterior mean prior mean



Number of iterations: 5000 burnin: 1000 number of samples: 500 S=80 ,r=10 true gr K=4 ,type=1 ,N=150

Weights for the case: $S=80$, $r=10$ true gr $K=4$,type=1 , $N=150$ $pN=0.016$



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