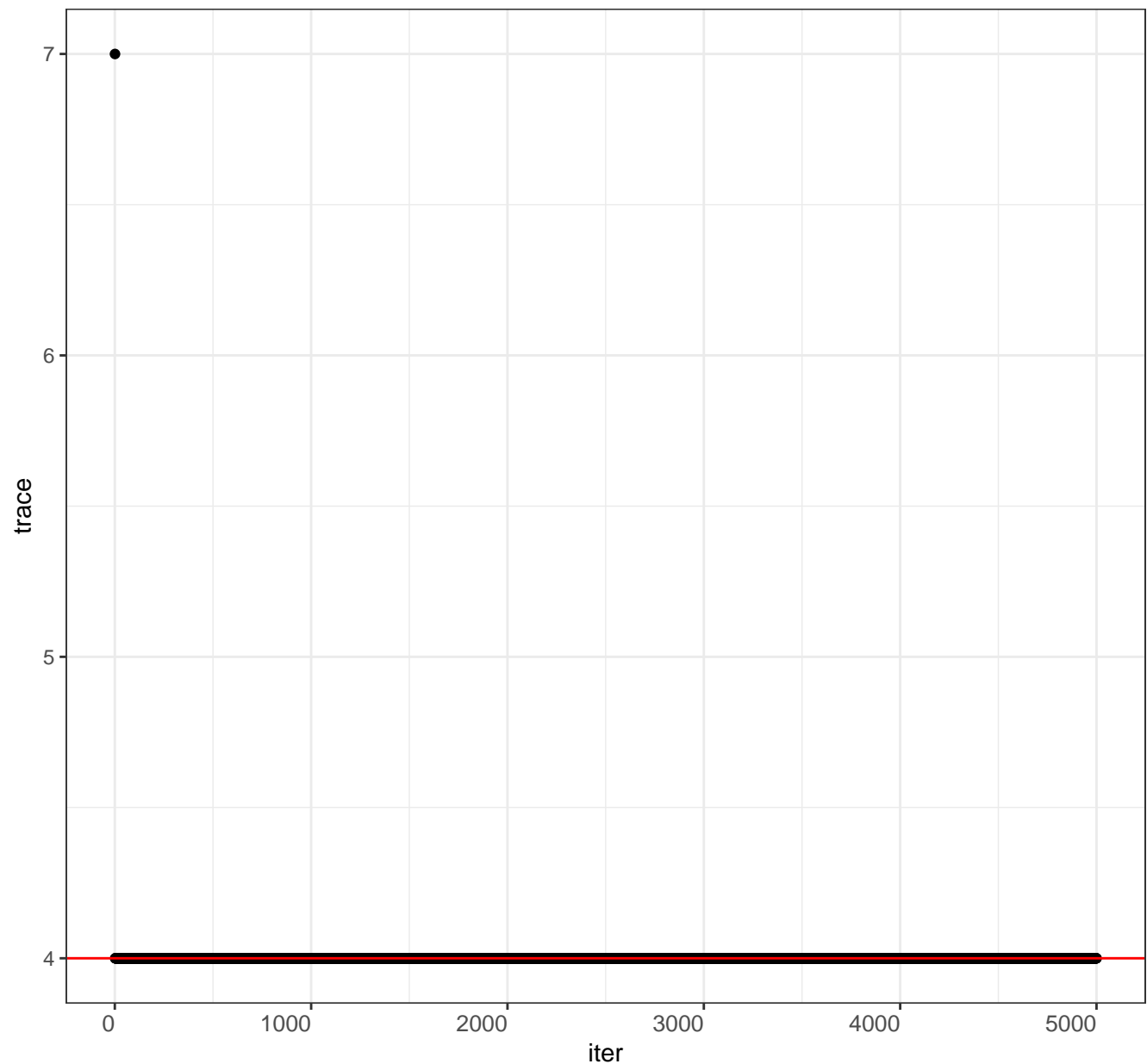


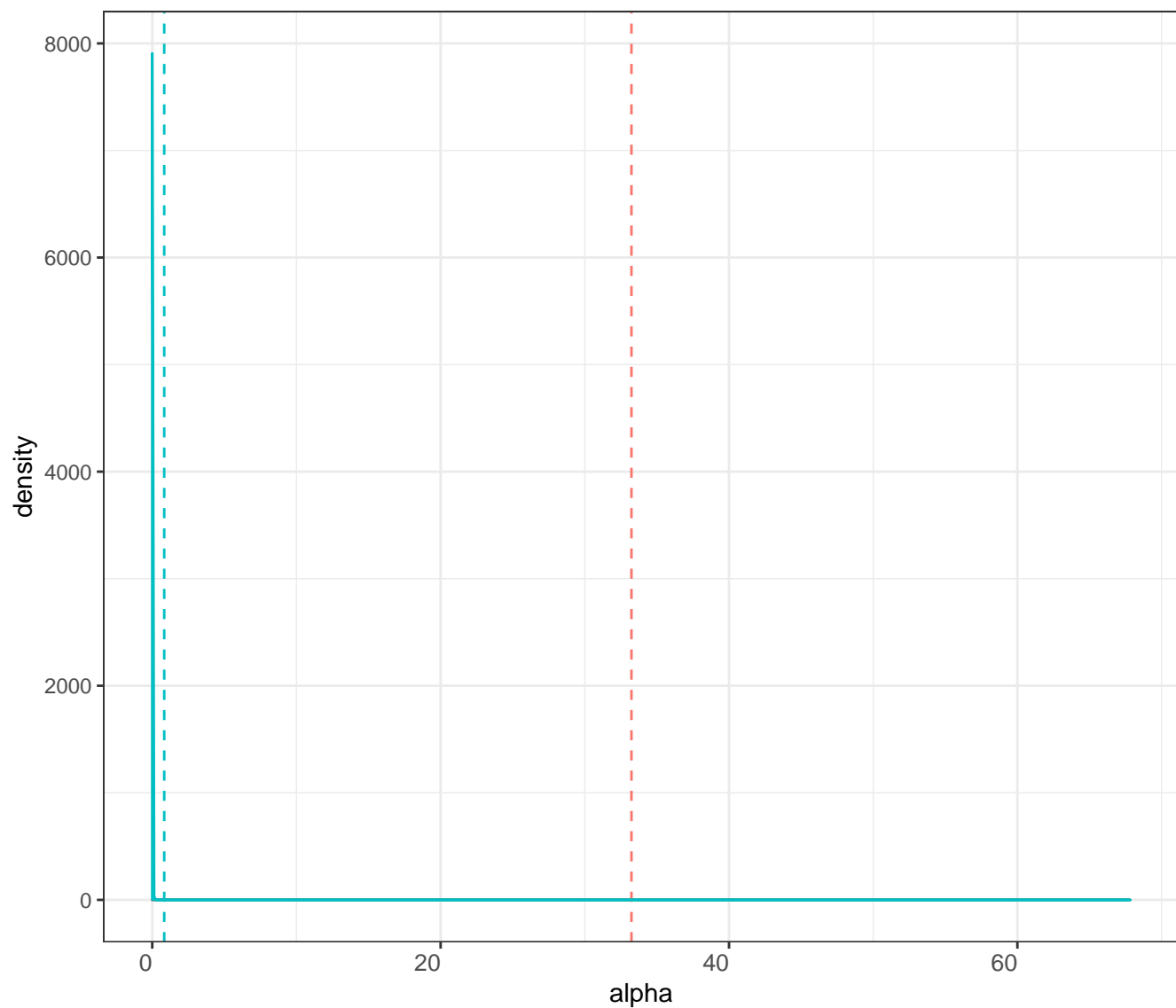
Trace plot for the number of groups K for S=50 r=20 true K=4 type=1



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

Distribution alpha: S=50 ,r=20 true gr K=4 ,type=1 ,N=150

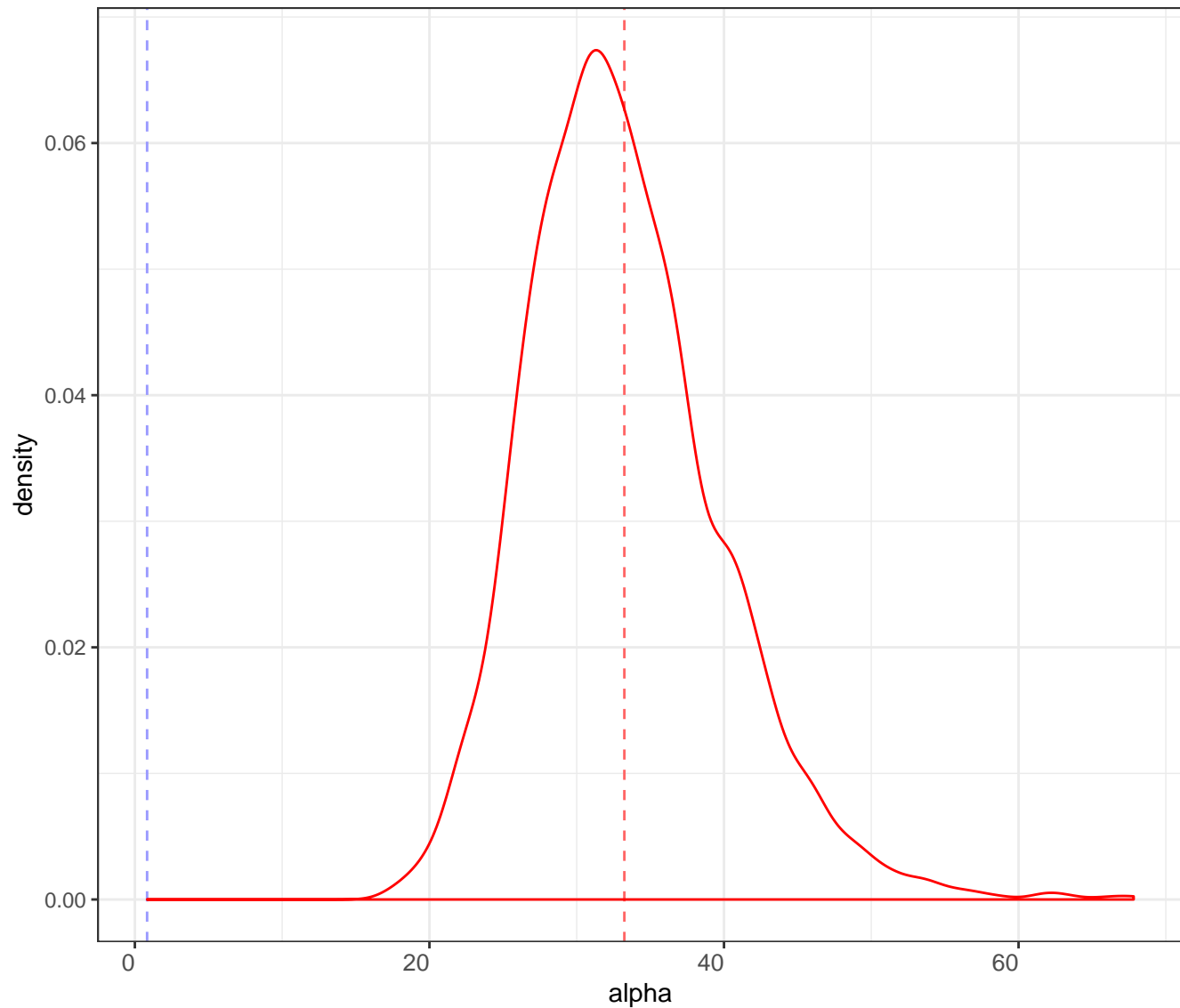
type ┆┆ posterior ┆┆ prior



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

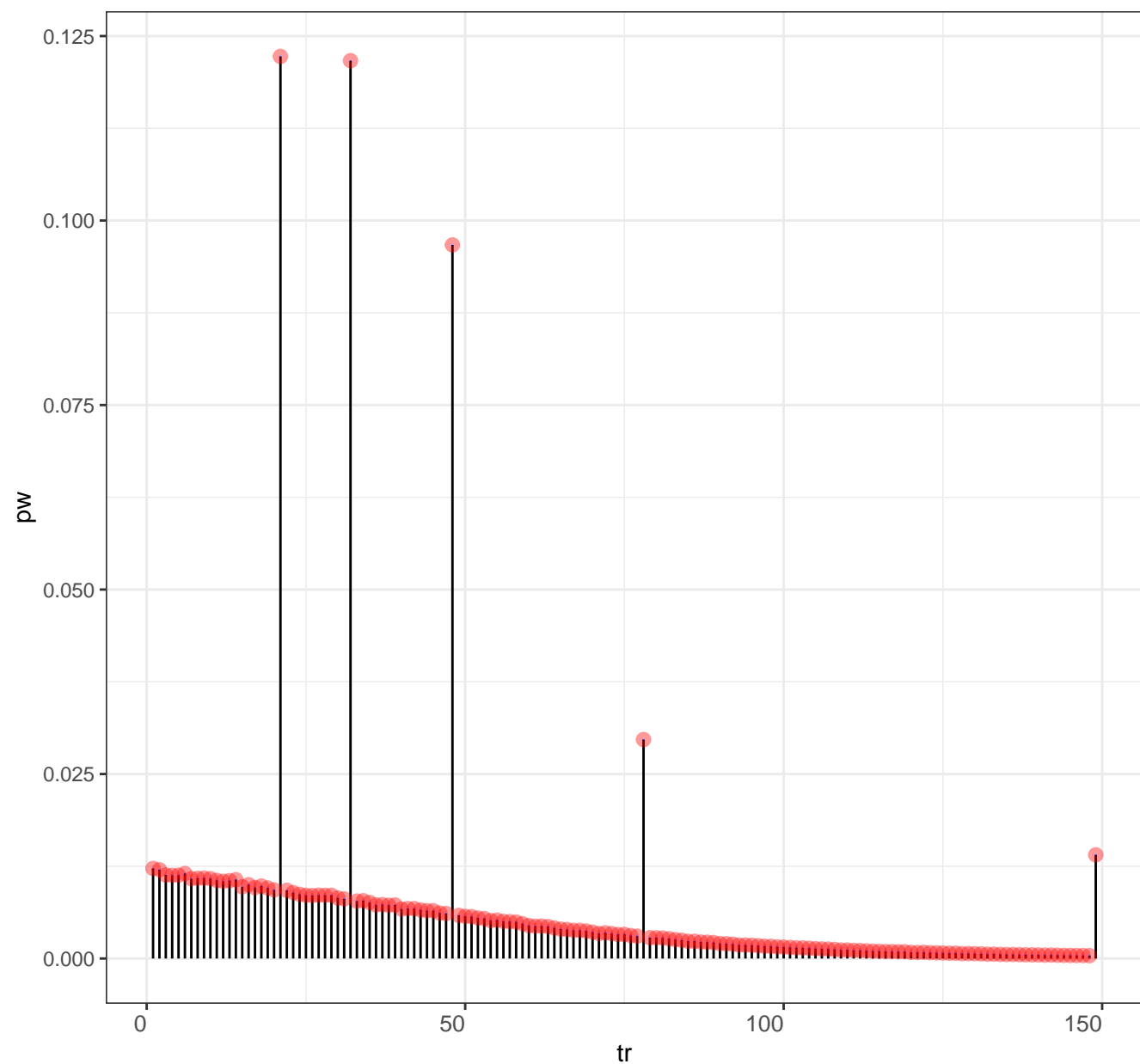
Posterior distribution for alpha

Legend - - - posterior mean - - - prior mean



Number of iterations: 5000 burnin: 1000 number of samples: 500 S=50 ,r=20 true gr K=4 ,type=1 ,N=150

Weights for the case: $S=50$, $r=20$ true gr $K=4$, type=1 , $N=150$ $pN=0.014$



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