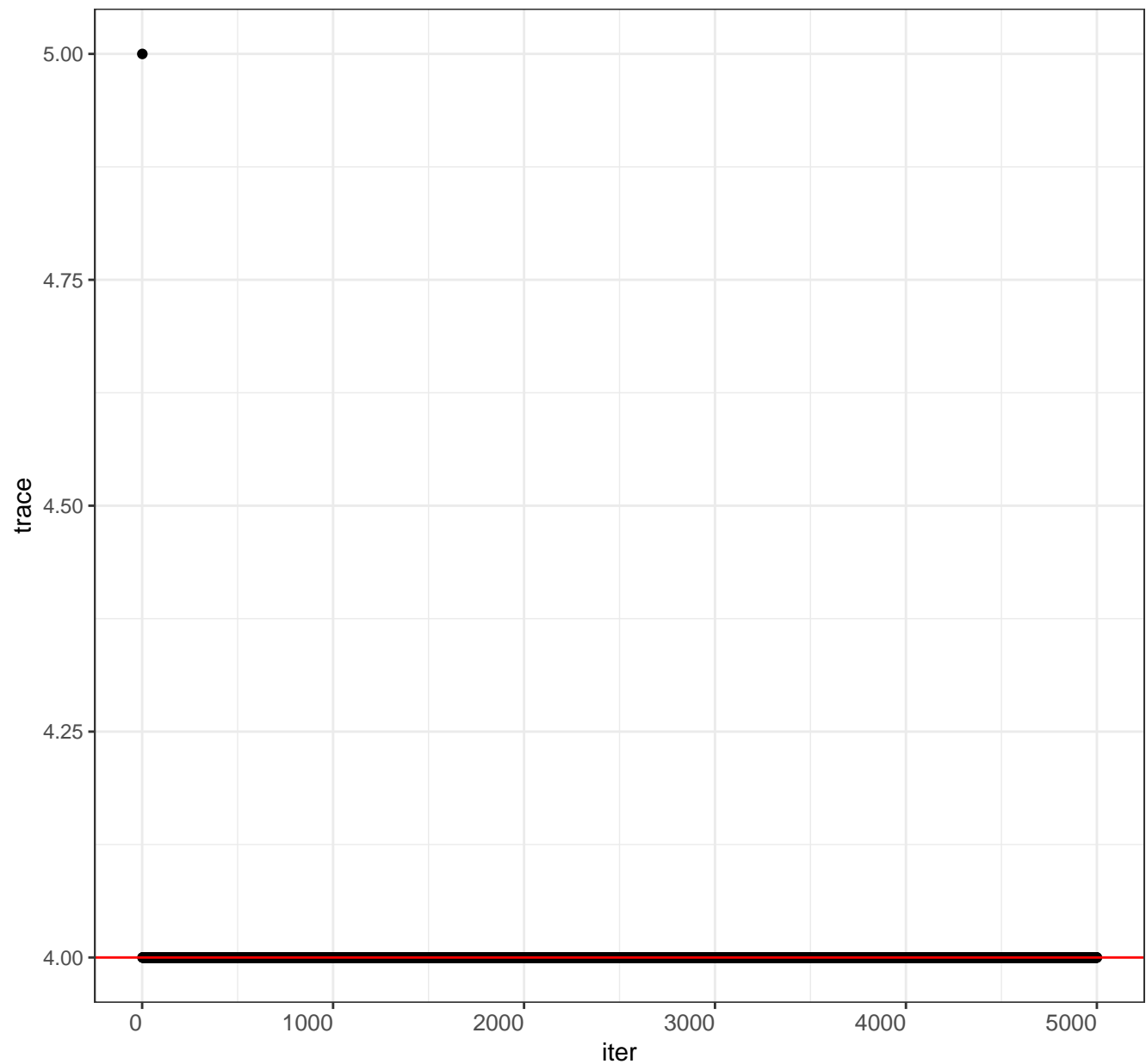


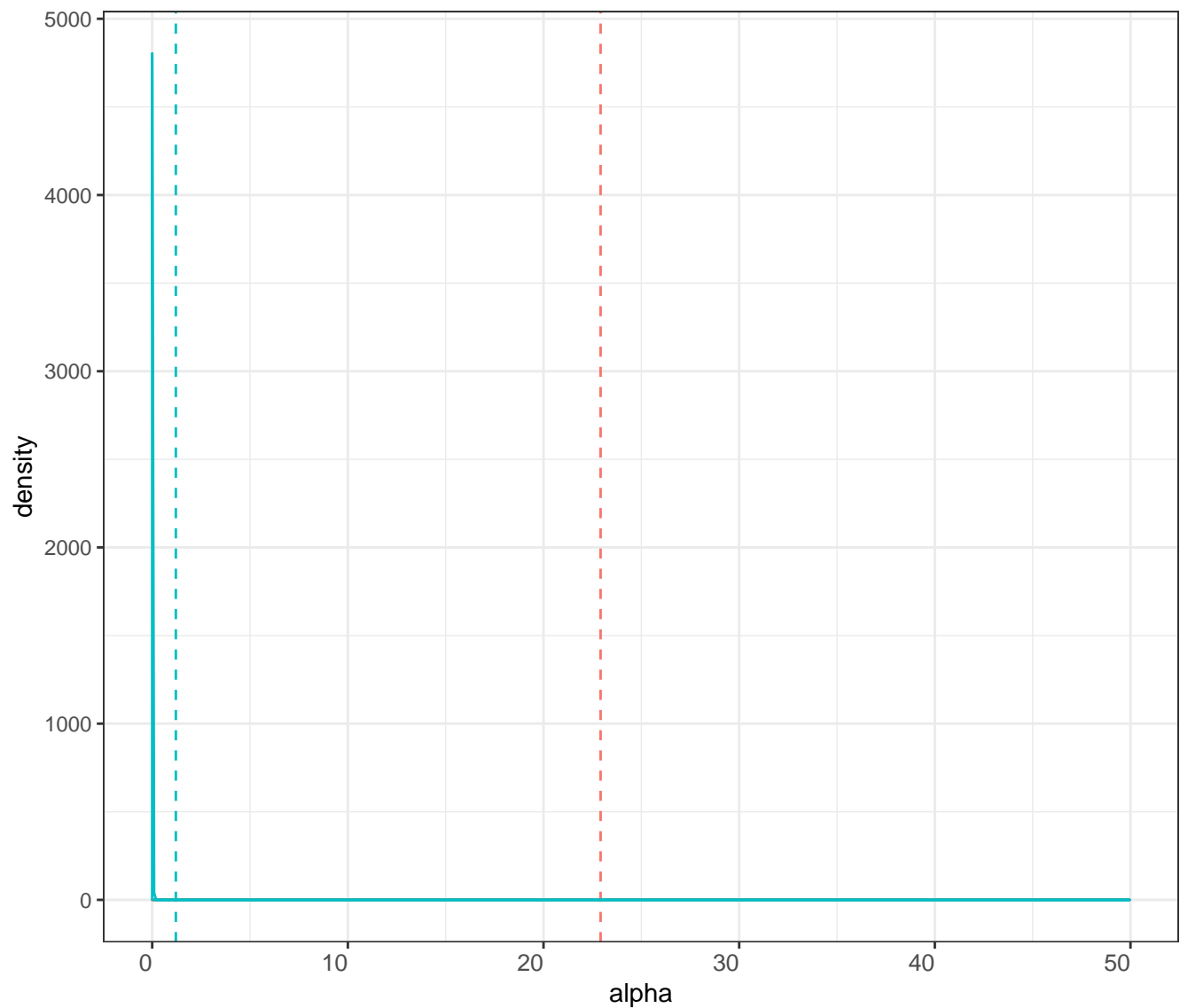
Trace plot for the number of groups K for S=20 r=5 true K=4 type=1



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

Distribution alpha: S=20 ,r=5 true gr K=4 ,type=1 ,N=150

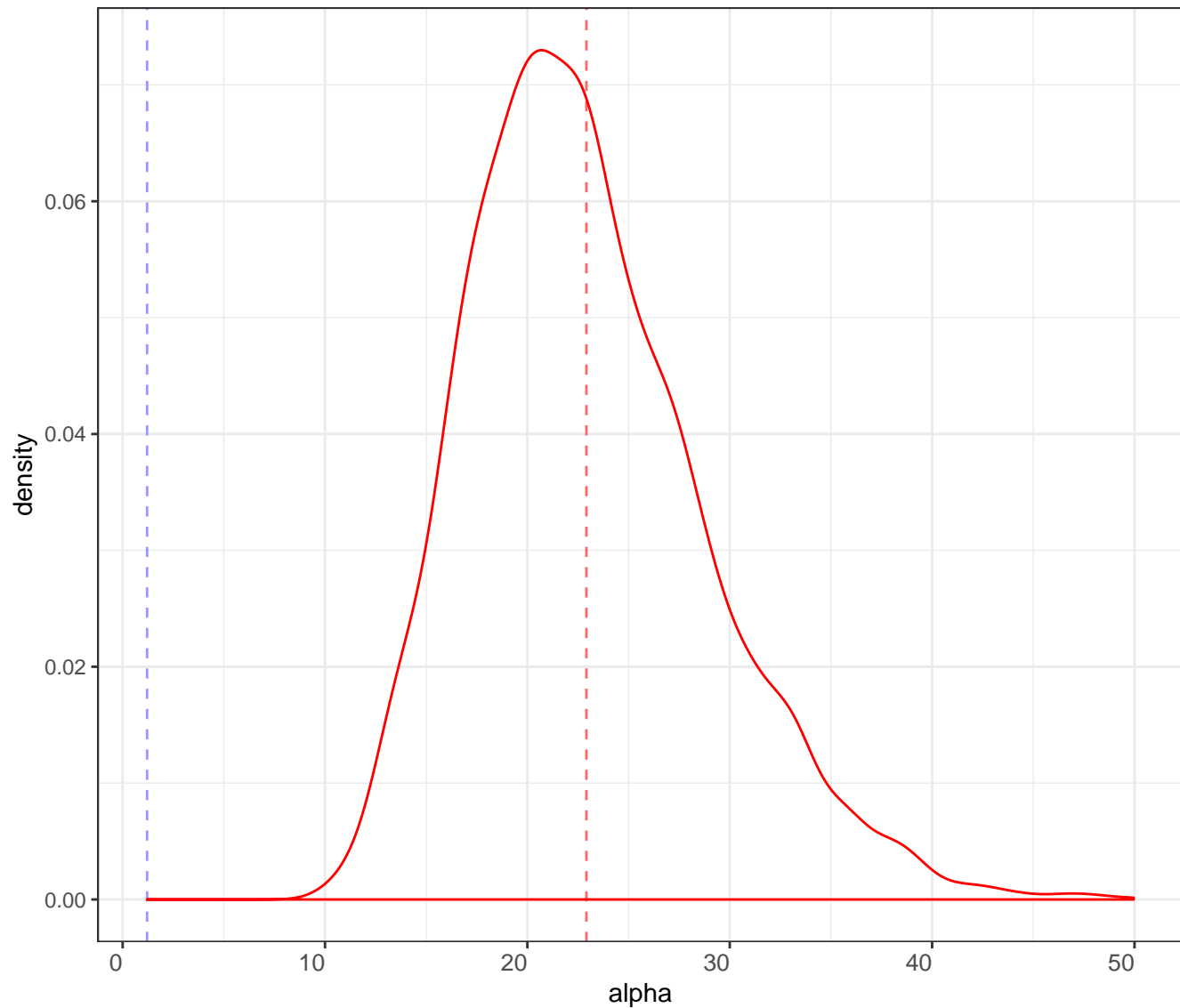
type ┆┆ posterior ┆┆ prior



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

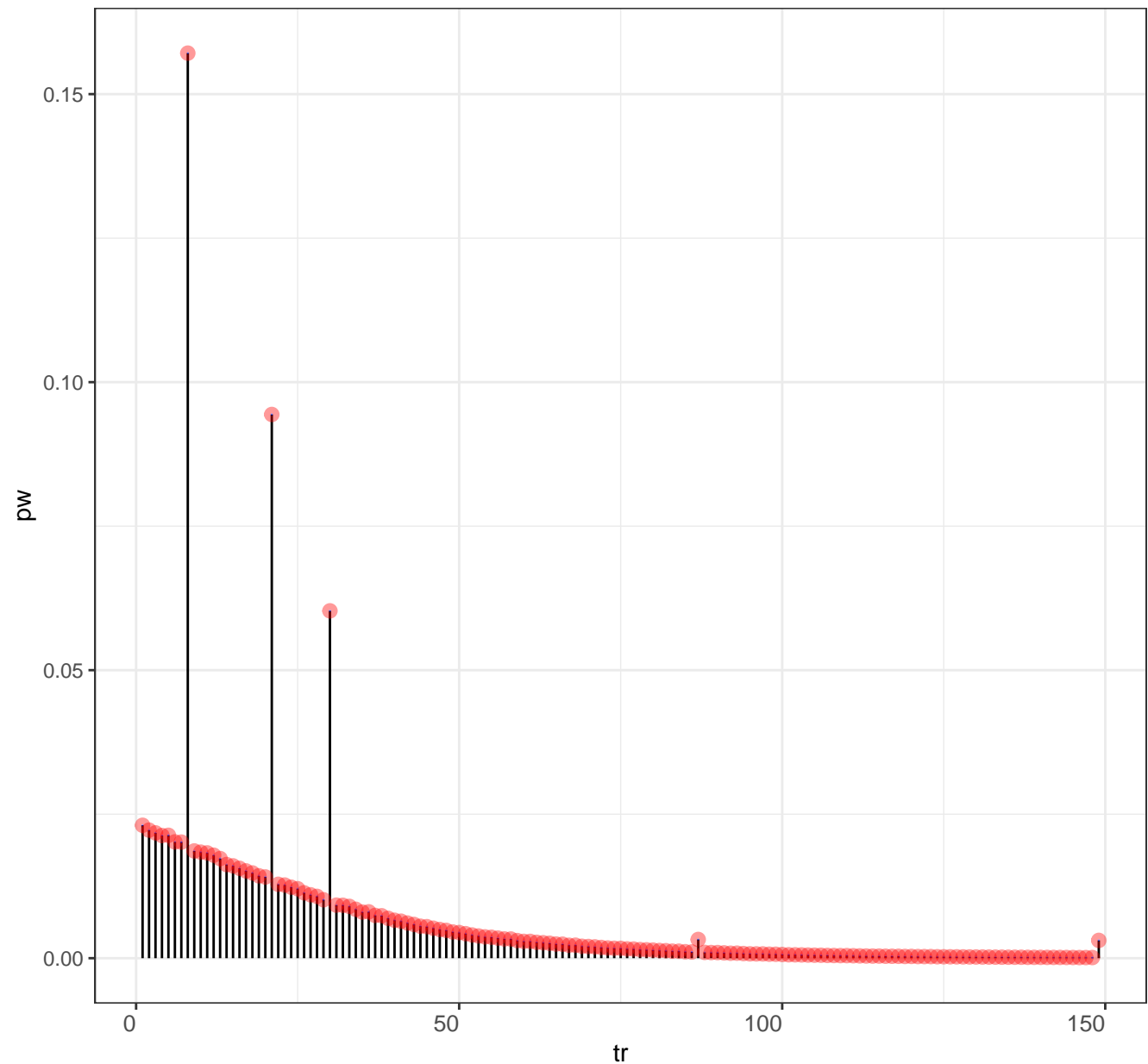
Posterior distribution for alpha

Legend posterior mean prior mean



Number of iterations: 5000 burnin: 1000 number of samples: 500 S=20 ,r=5 true gr K=4 ,type=1 ,N=150

Weights for the case: $S=20$, $r=5$ true gr $K=4$, type=1 , $N=150$ $pN=0.003$



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