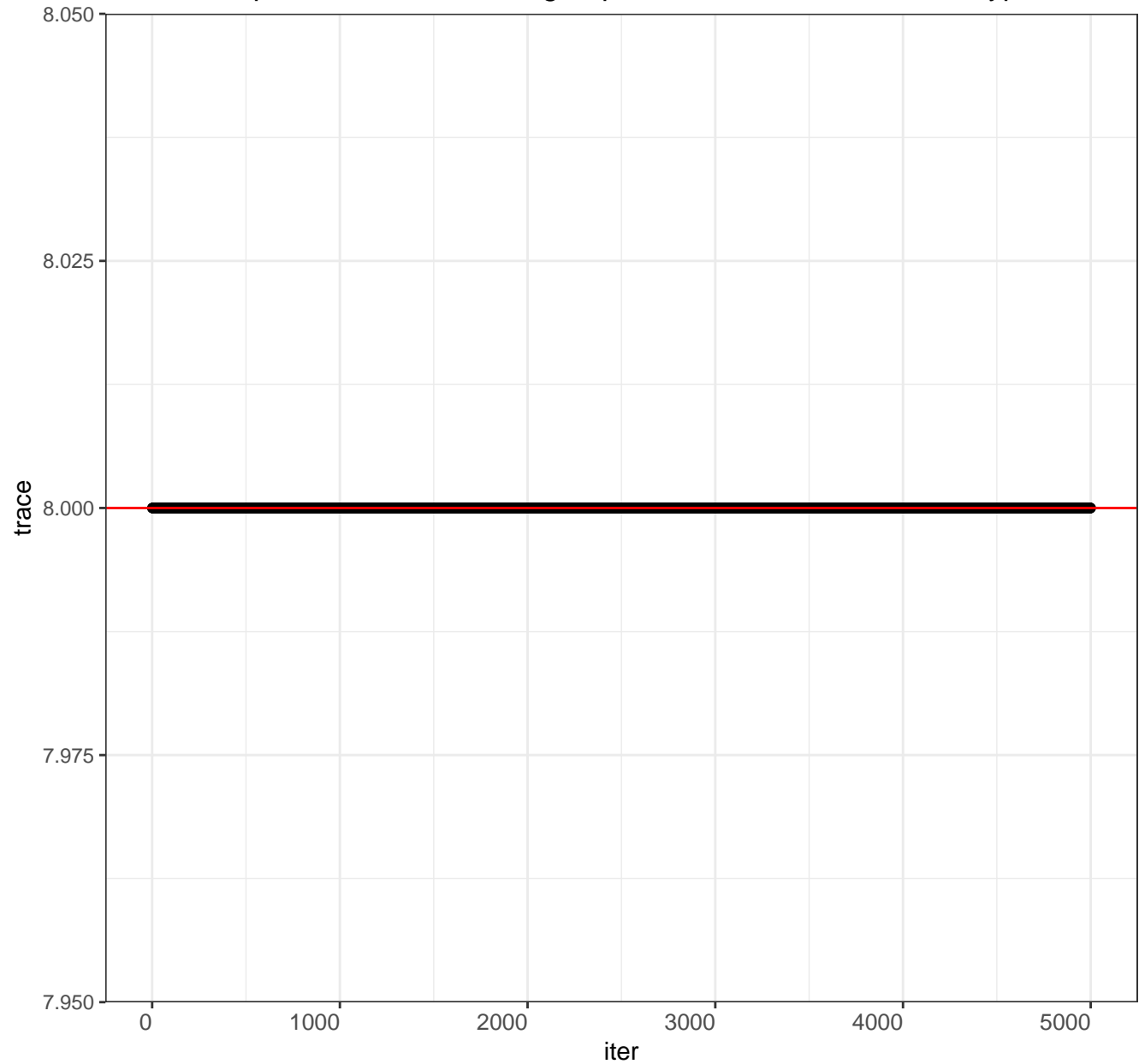




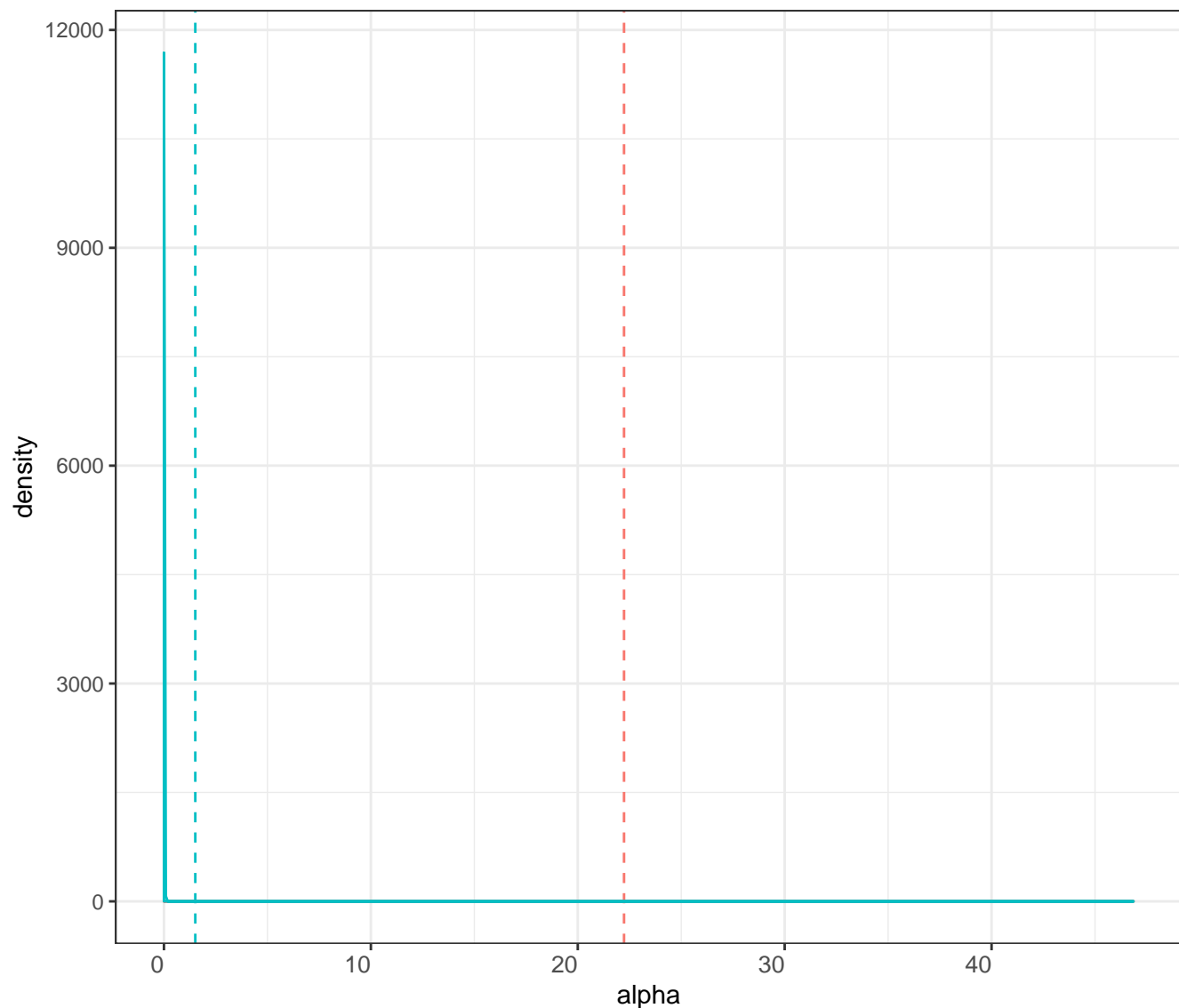
Trace plot for the number of groups K for S=20 r=10 true K=8 type=4



Number of iterations: 5000 burnin: 2000number of samples: 500

Distribution alpha: S=20 ,r=10 true gr K=8 ,type=4 ,N=229

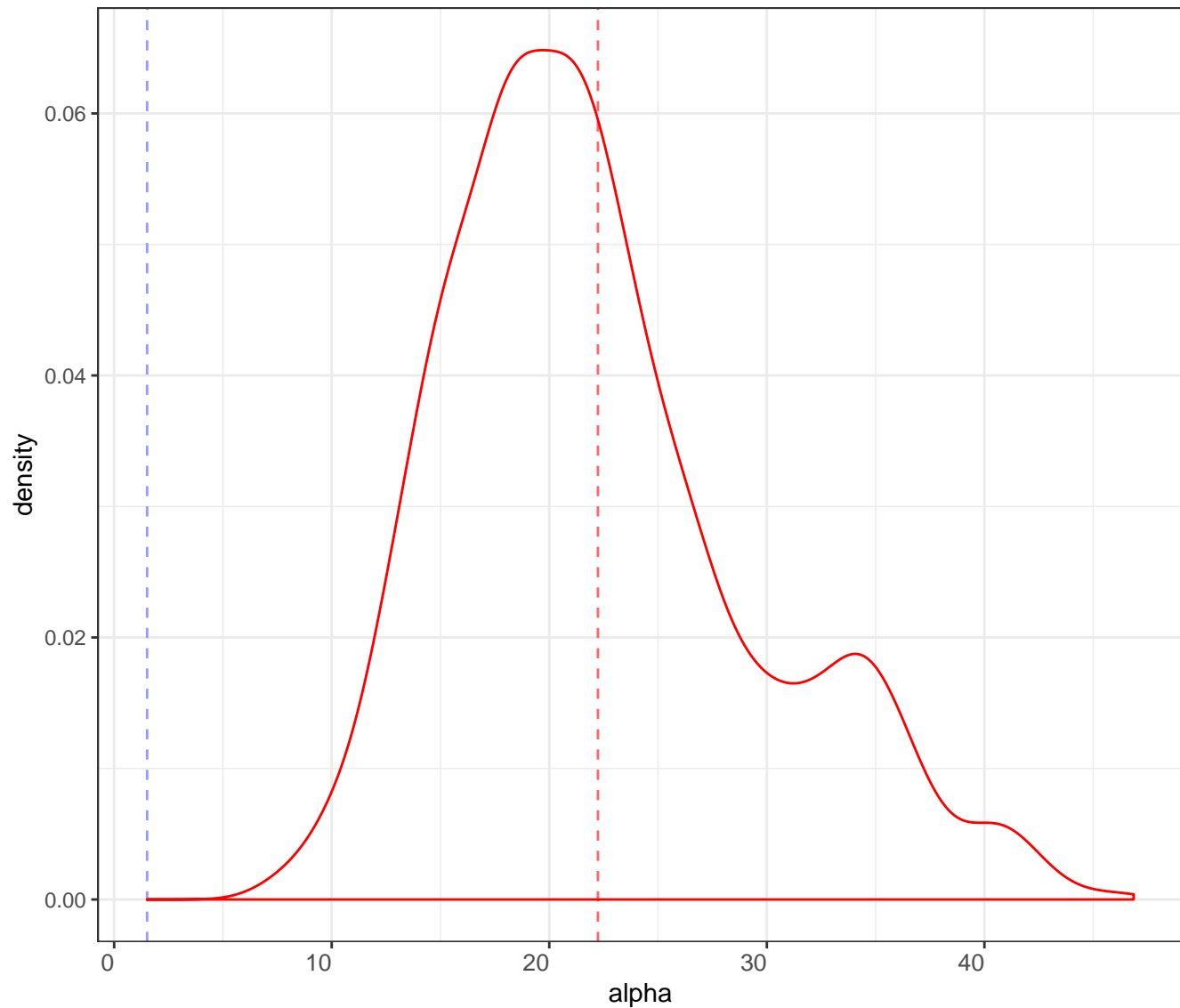
type  posterior  prior



Number of iterations: 5000 burnin: 2000 number of samples: 500

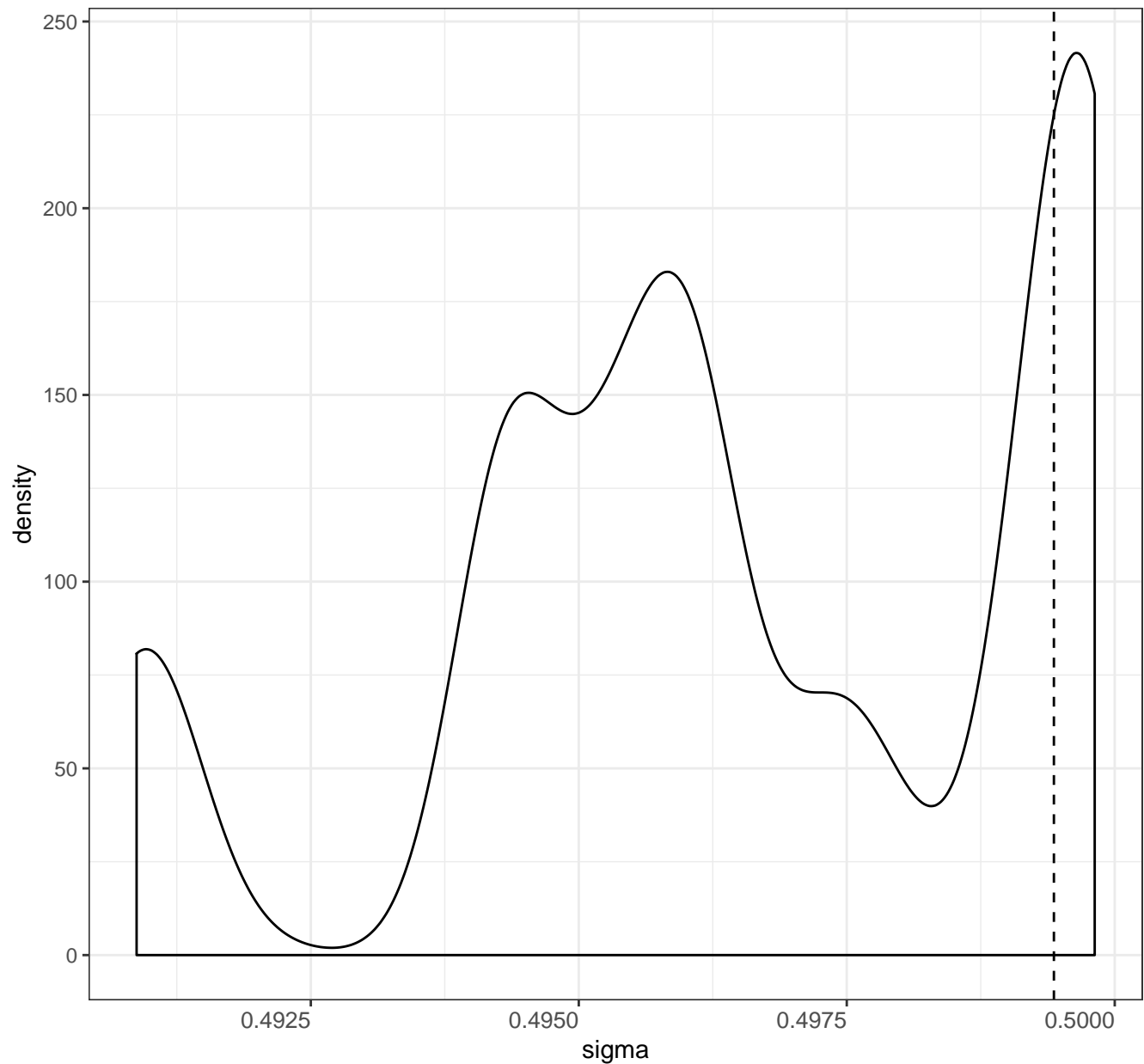
Posterior distribution for alpha

Legend posterior mean prior mean



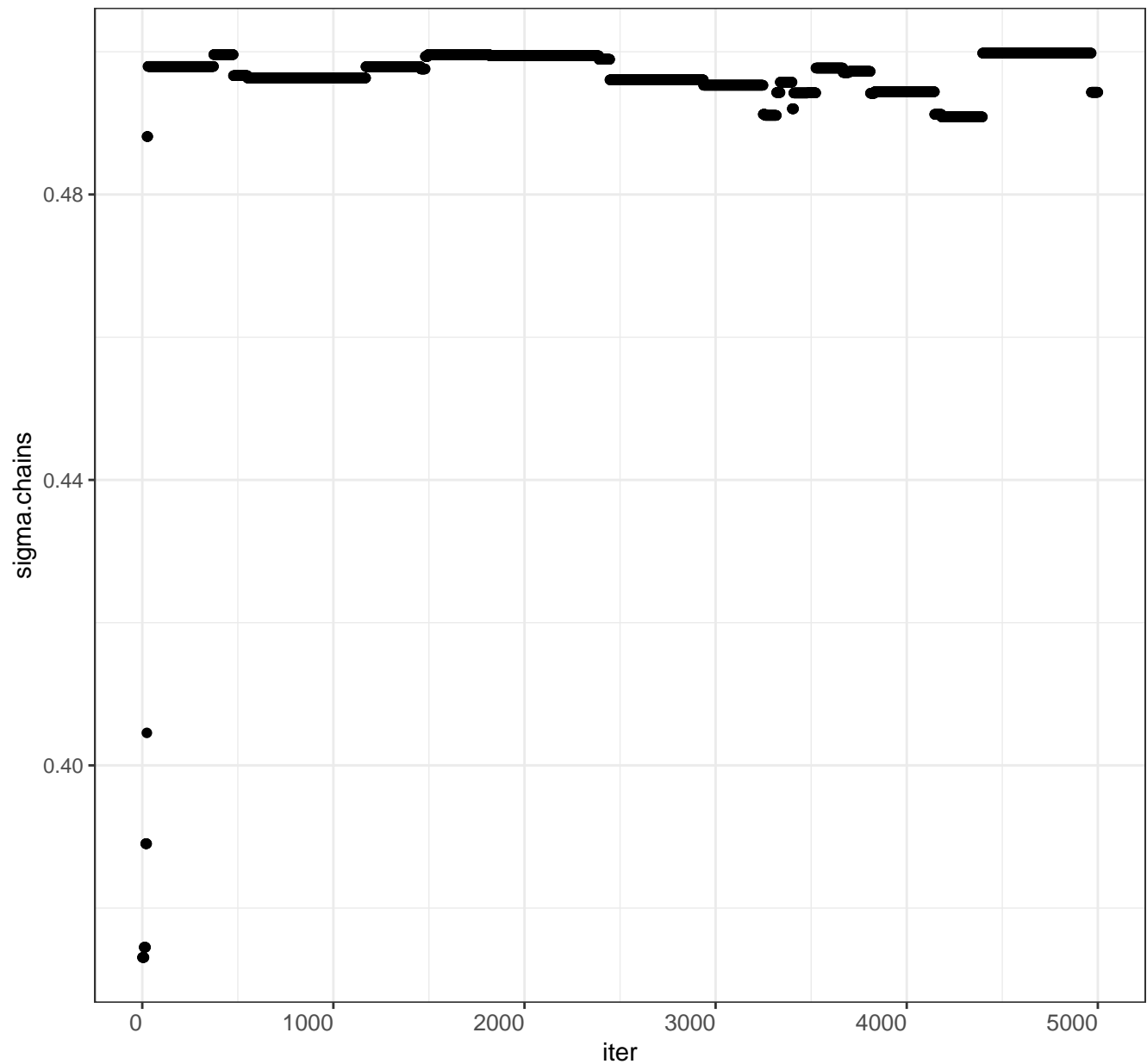
Number of iterations: 5000 burnin: 2000 number of samples: 500 S=20 ,r=10 true gr K=8 ,type=4 ,N=229

Distribution sigma: S=20 ,r=10 true gr K=8 ,type=4 ,N=229



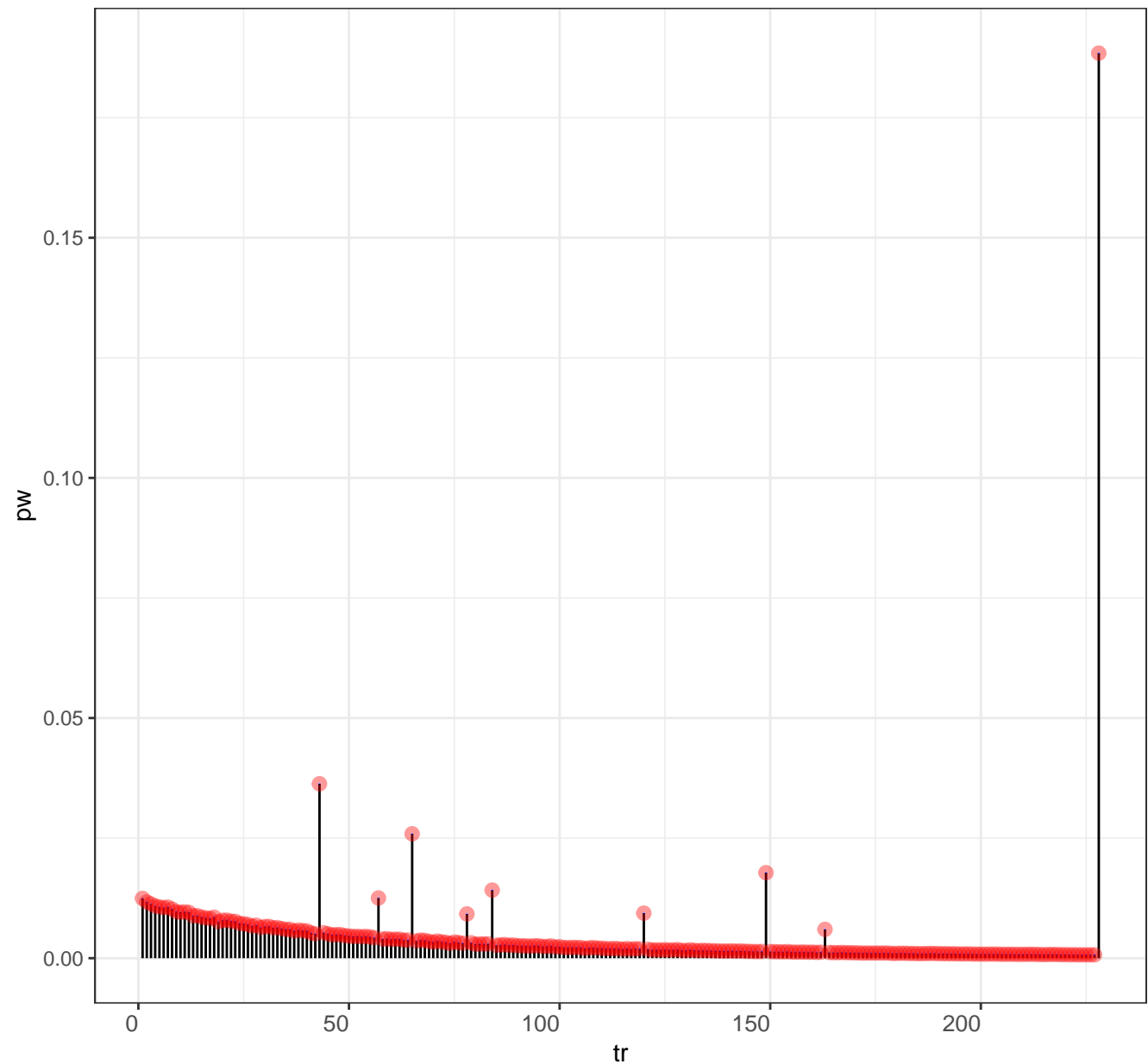
Number of iterations: 5000 burnin: 2000 number of samples: 500

Trace plot for the sigma for S=20 r=10 true K=8 type=4



Number of iterations: 5000 burnin: 2000number of samples: 500

Weights for the case: $S=20$, $r=10$ true gr $K=8$,type=4 , $N=229$ $pN=0.188$



Number of iterations: 5000 burnin: 2000 number of samples: 500

Number of iterations: 5000 burnin: 2000number of samples: 500S=20 r=10 true K=8 type=4

