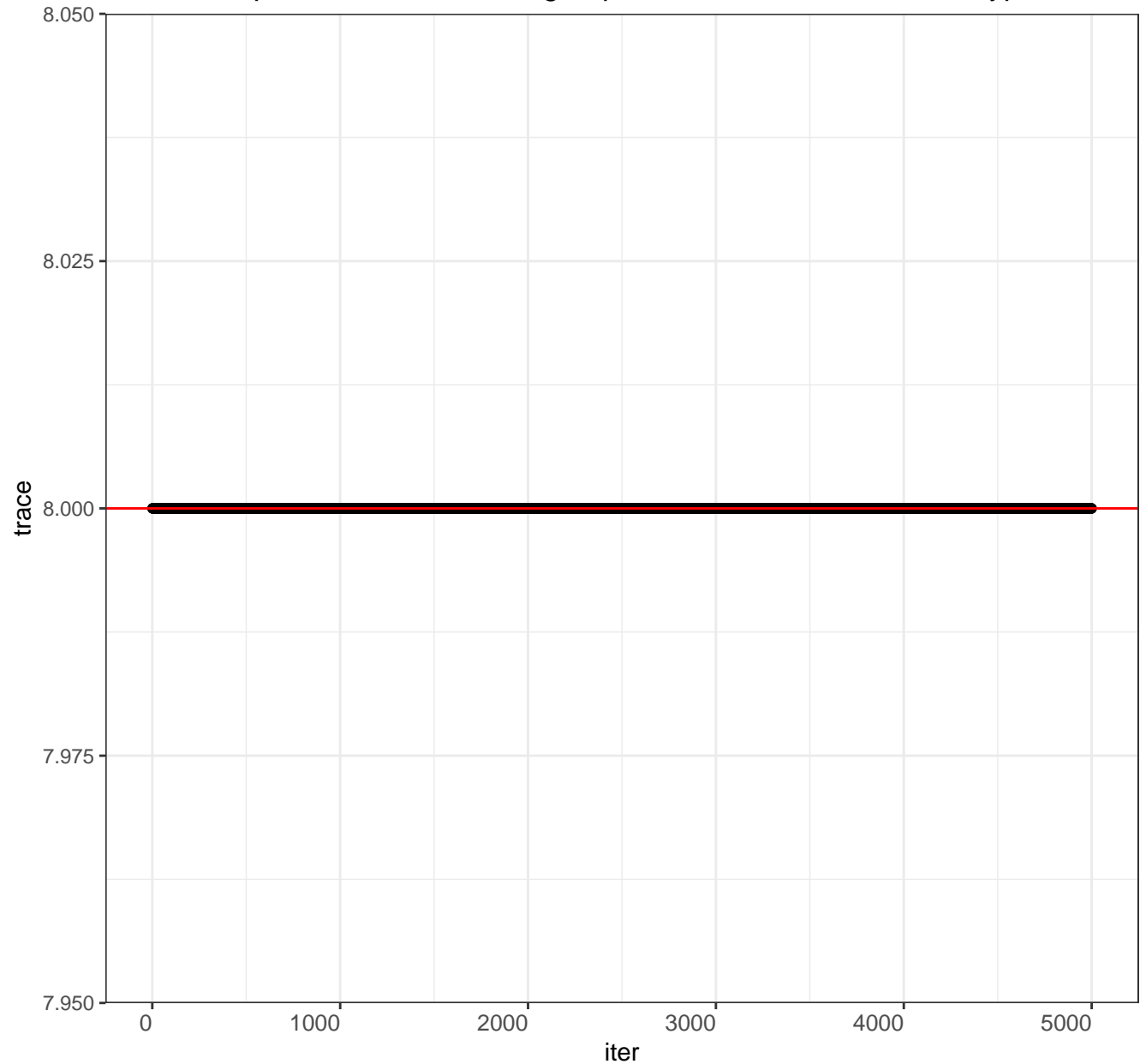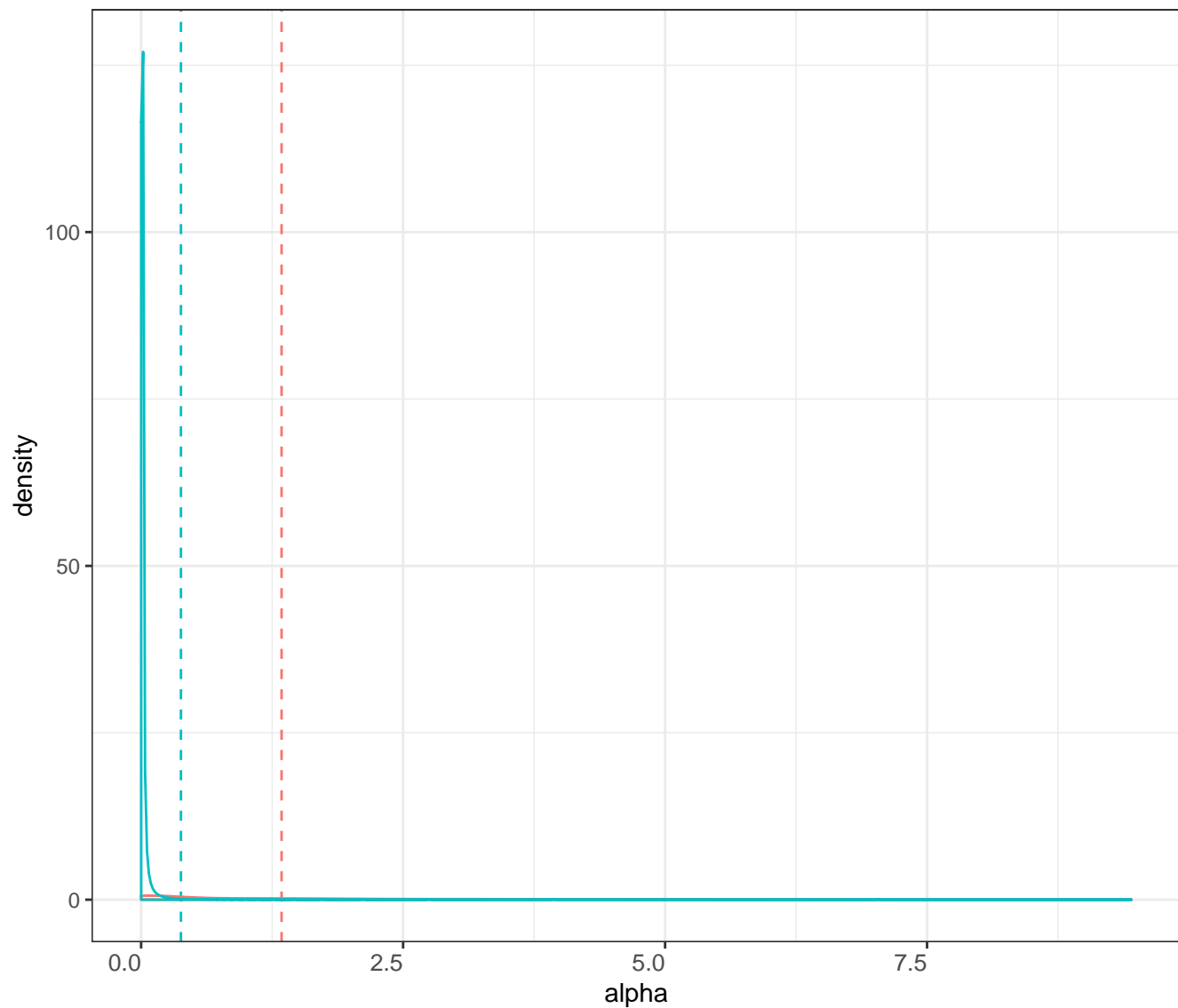Trace plot for the number of groups K for S=50 r=15 true K=8 type=4

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

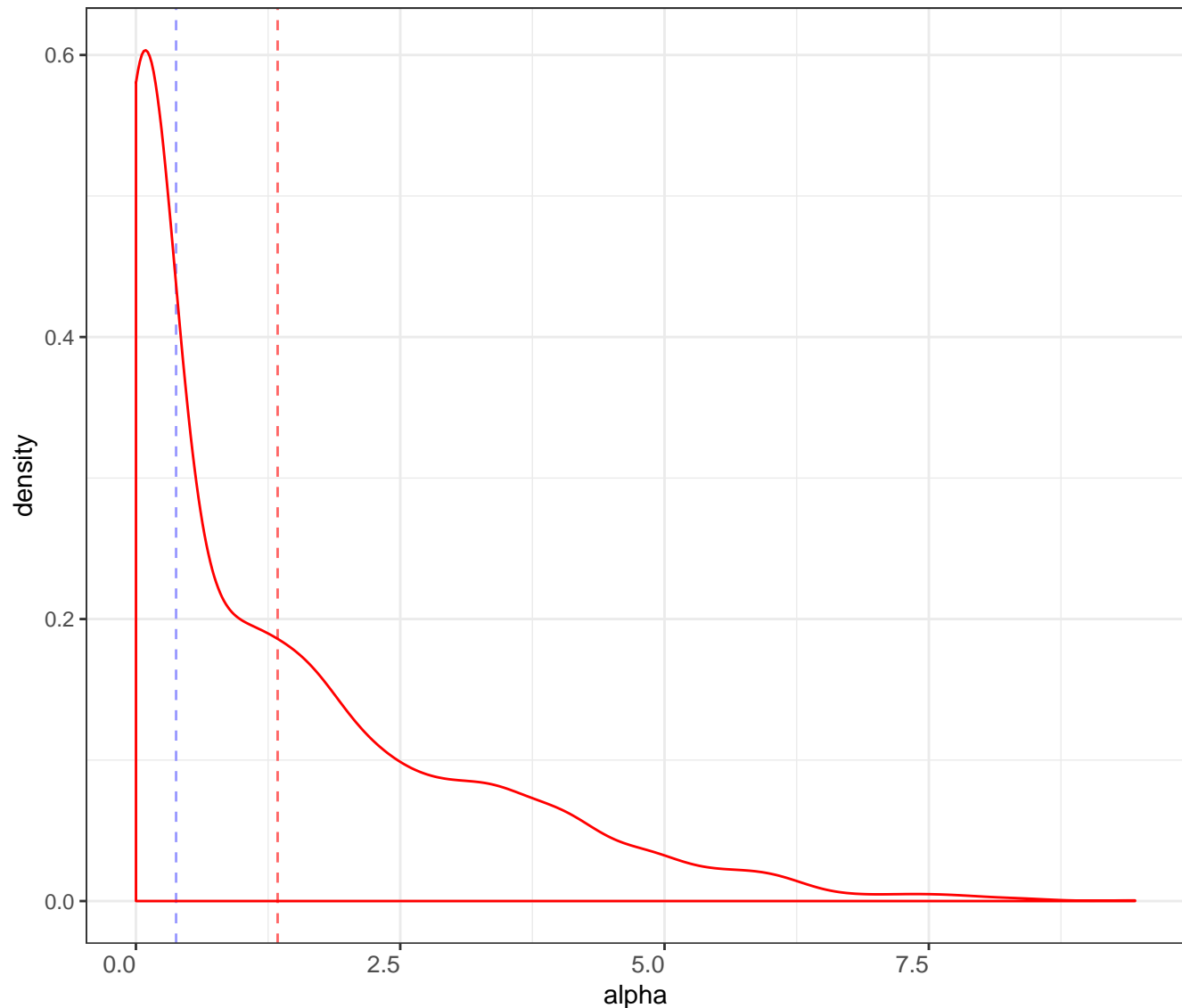Distribution alpha: S=50 ,r=15 true gr K=8 ,type=4 ,N=41

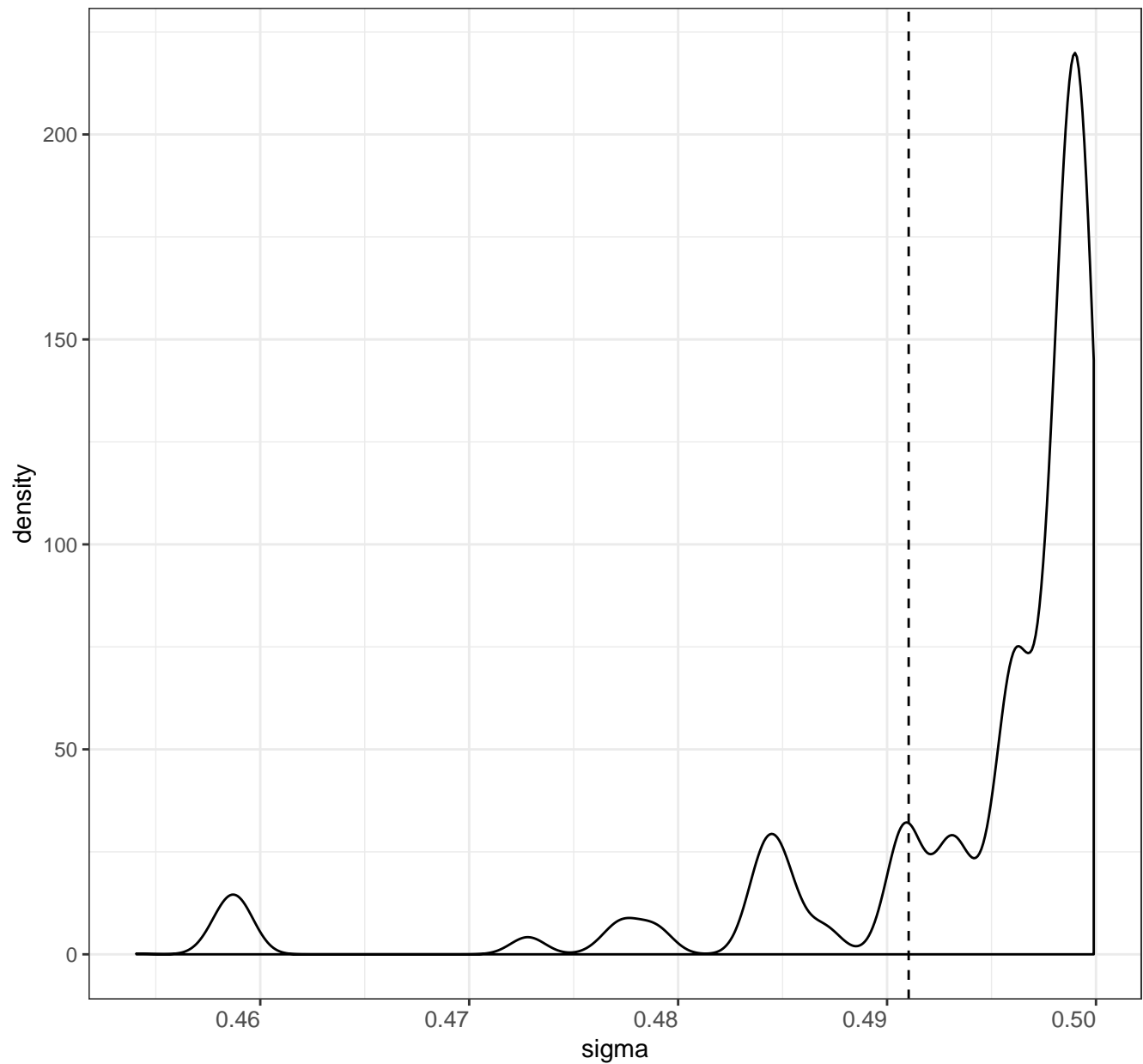Number of iterations: 5000 burnin: 2000 number of samples: 500

Posterior distribution for alpha
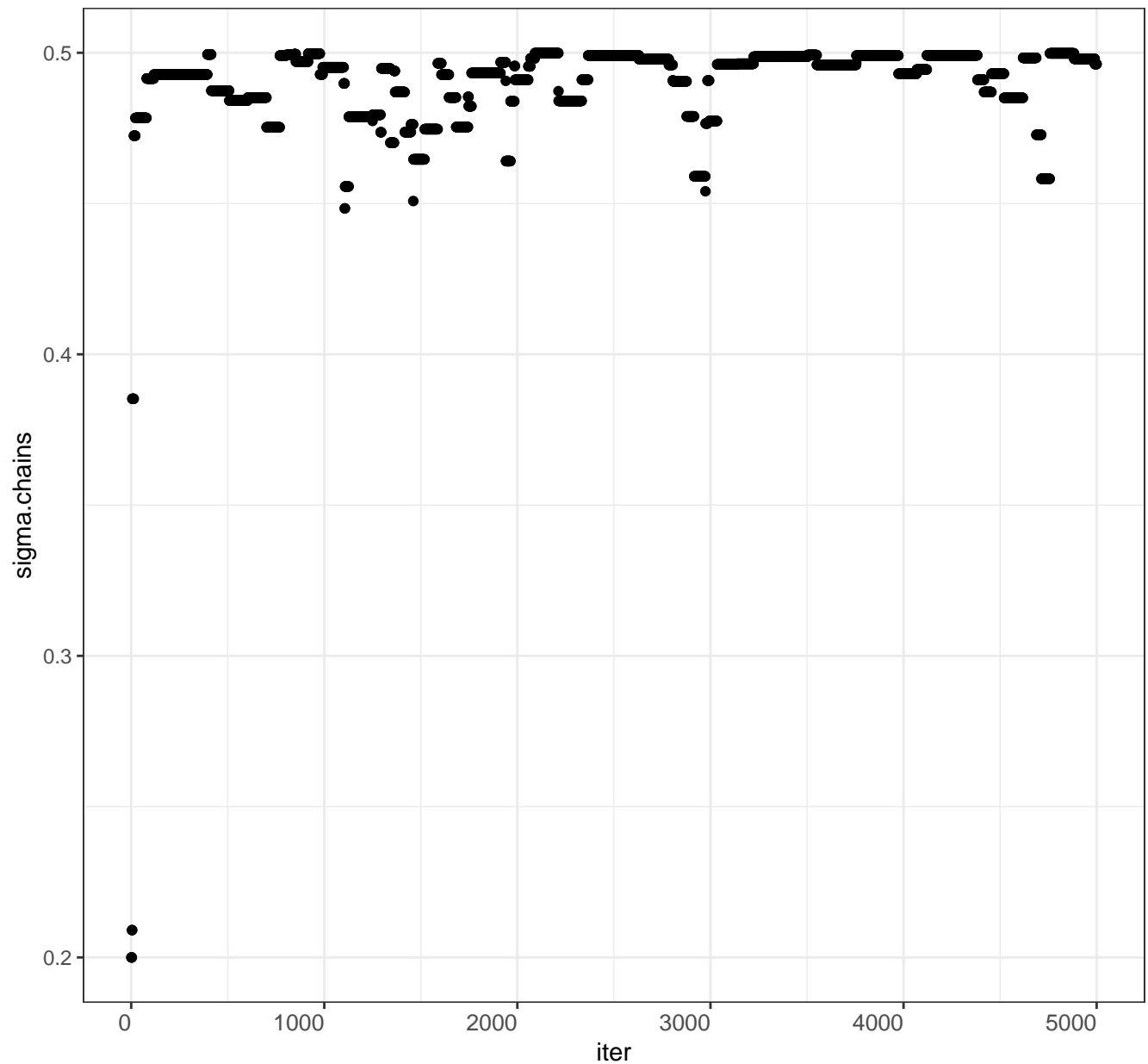
Legend   ┆ posterior mean   ┆ prior mean

Number of iterations: 5000 burnin: 2000 number of samples: 500 S=50 ,r=15 true gr K=8 ,type=4 ,N=41

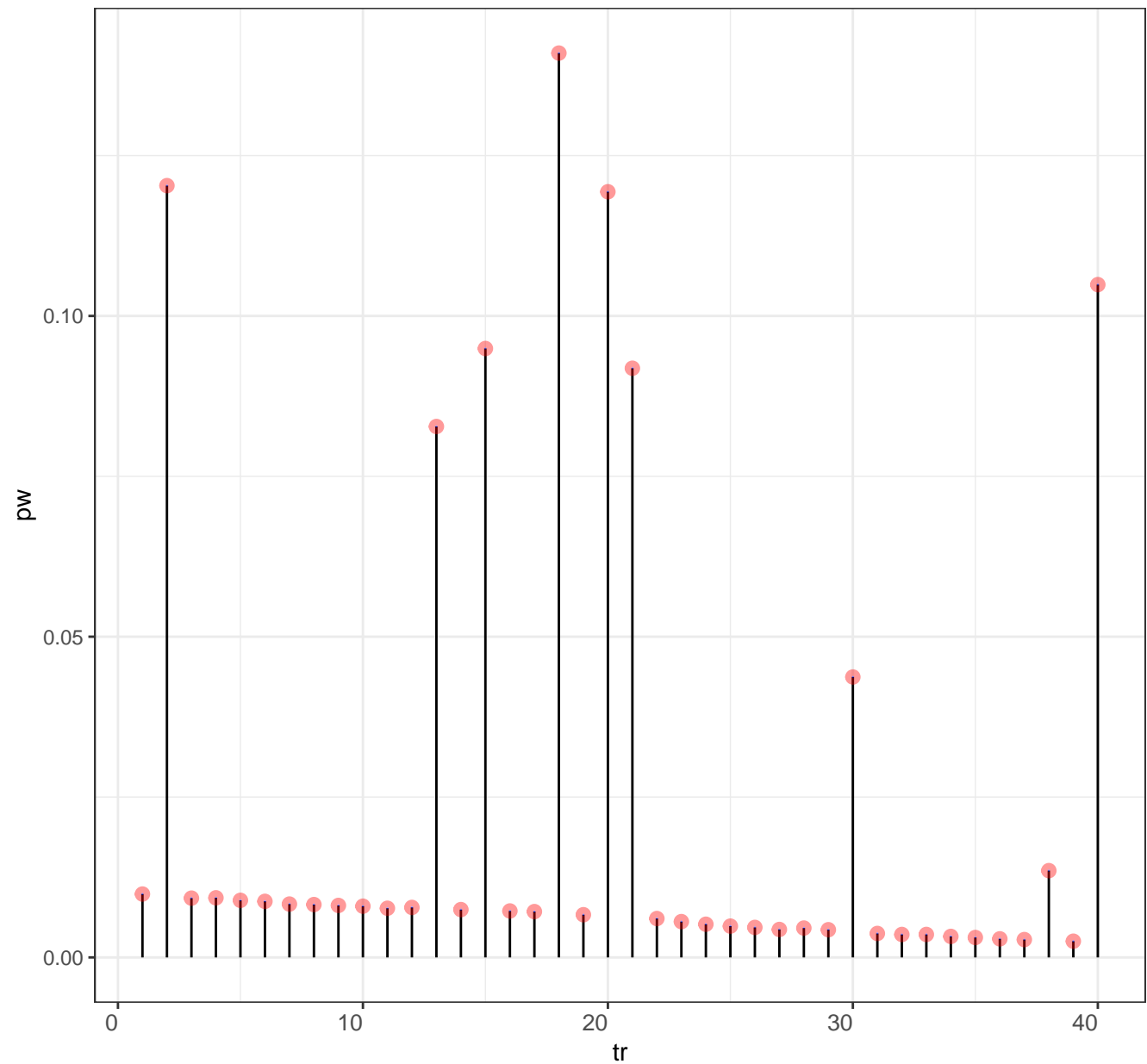Distribution sigma: S=50 ,r=15 true gr K=8 ,type=4 ,N=41

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

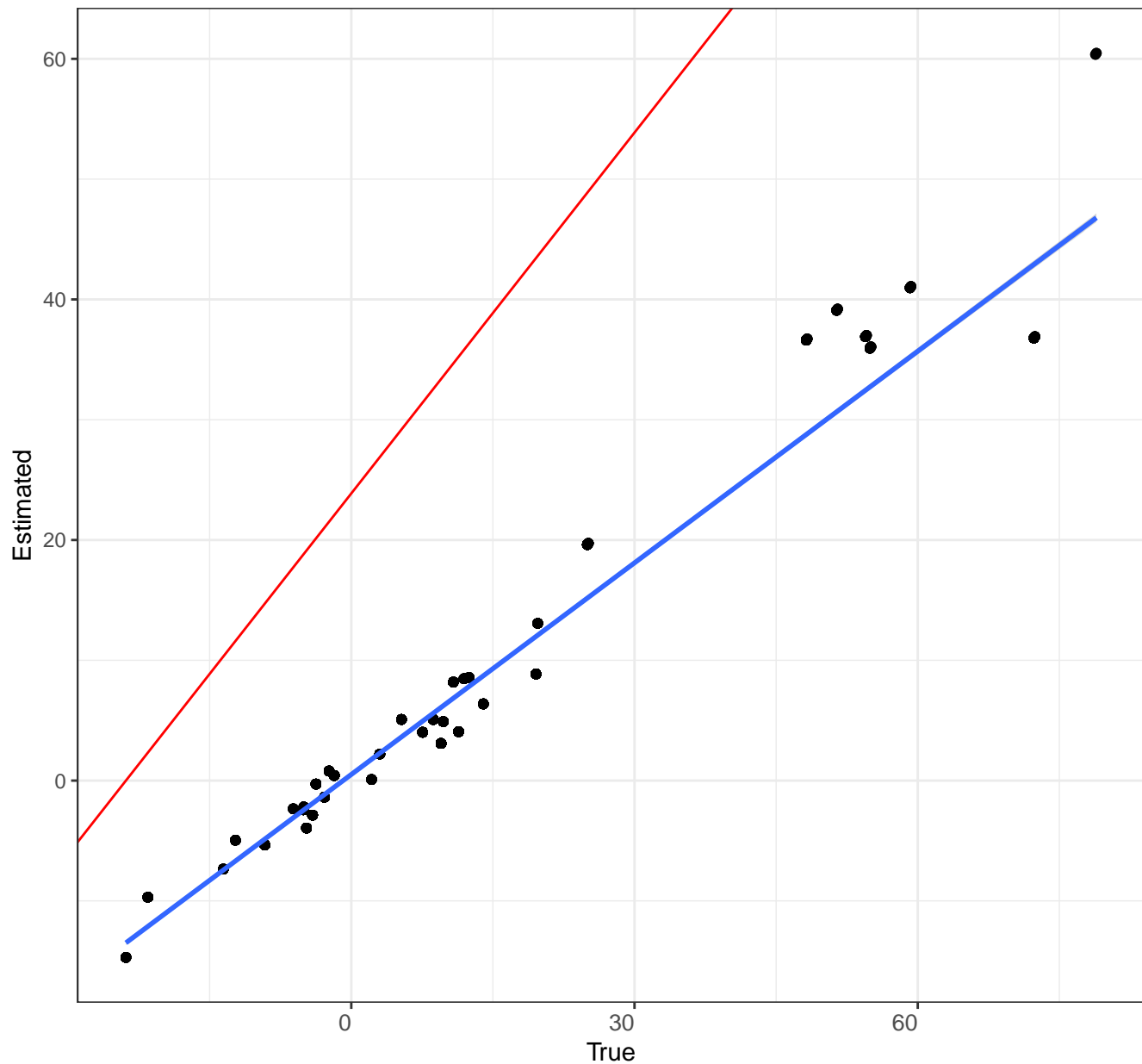Trace plot for the sigma for S=50 r=15 true K=8 type=4

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

Weights for the case: S=50 ,r=15 true gr K=8 ,type=4 ,N=41 pN=0.105

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

True vs estimated covariance parameters

Number of iterations: 5000 burnin: 2000number of samples: 500S=50 r=15 true K=8 type=4