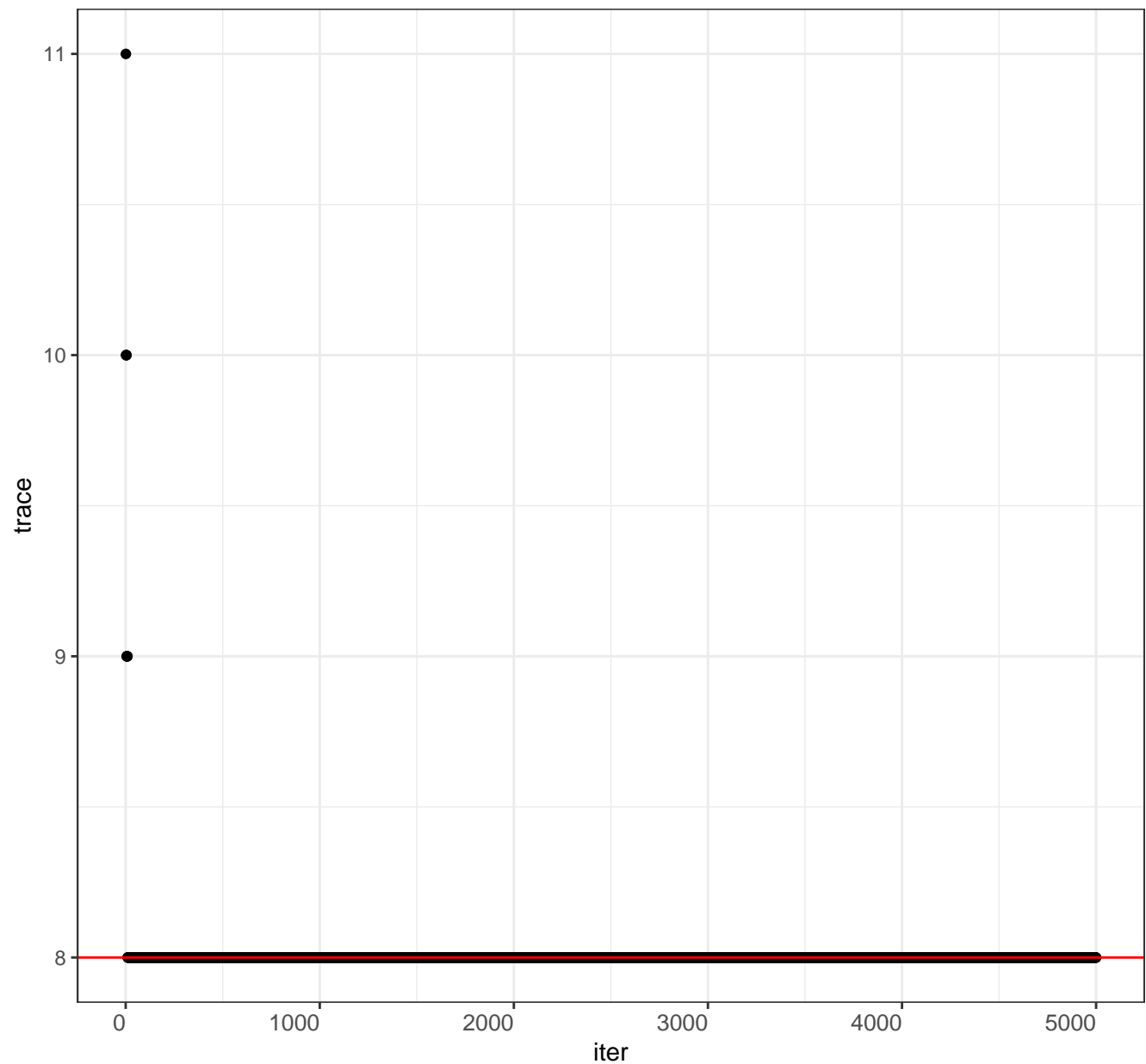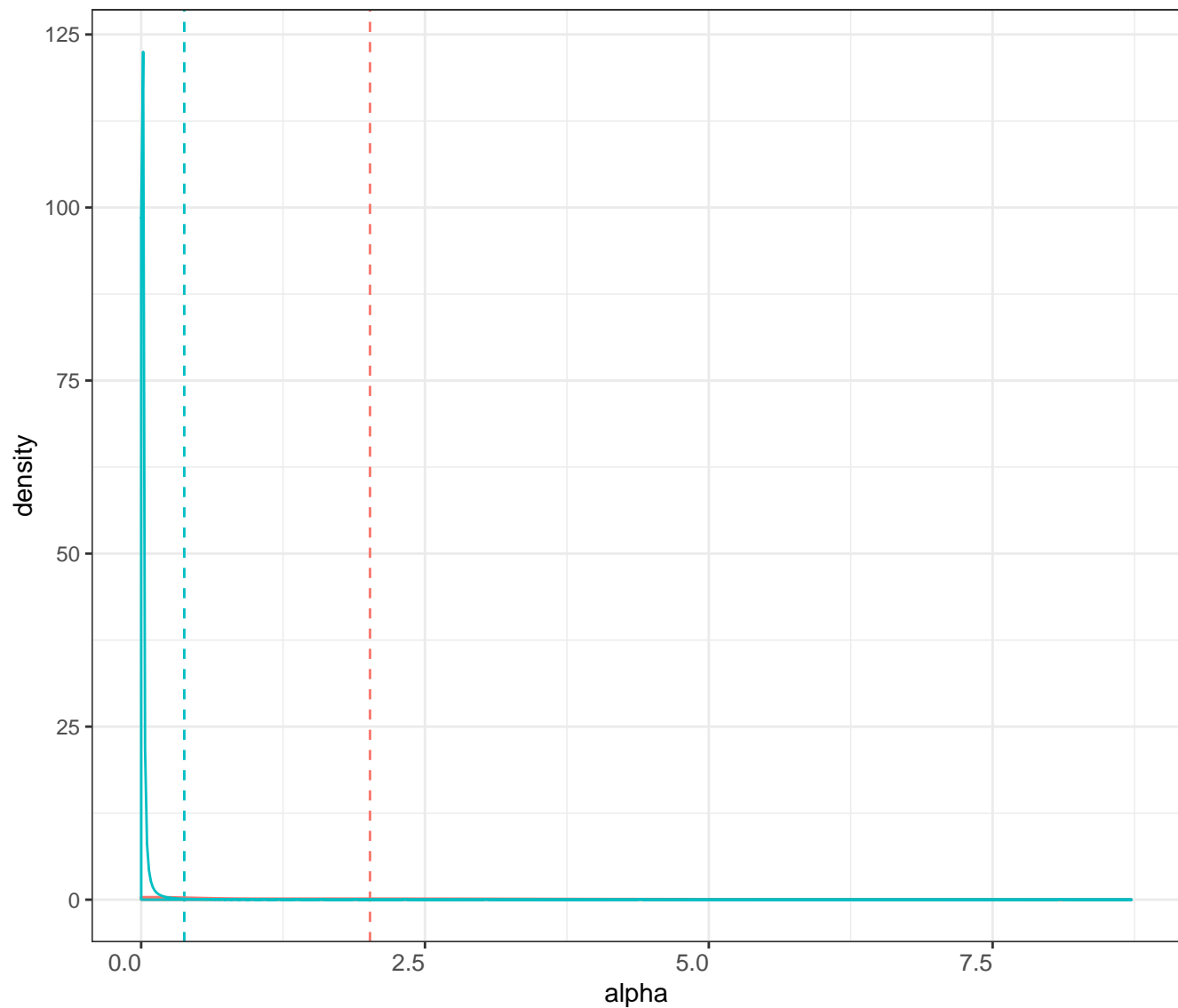Trace plot for the number of groups K for S=50 r=5 true K=8 type=4

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

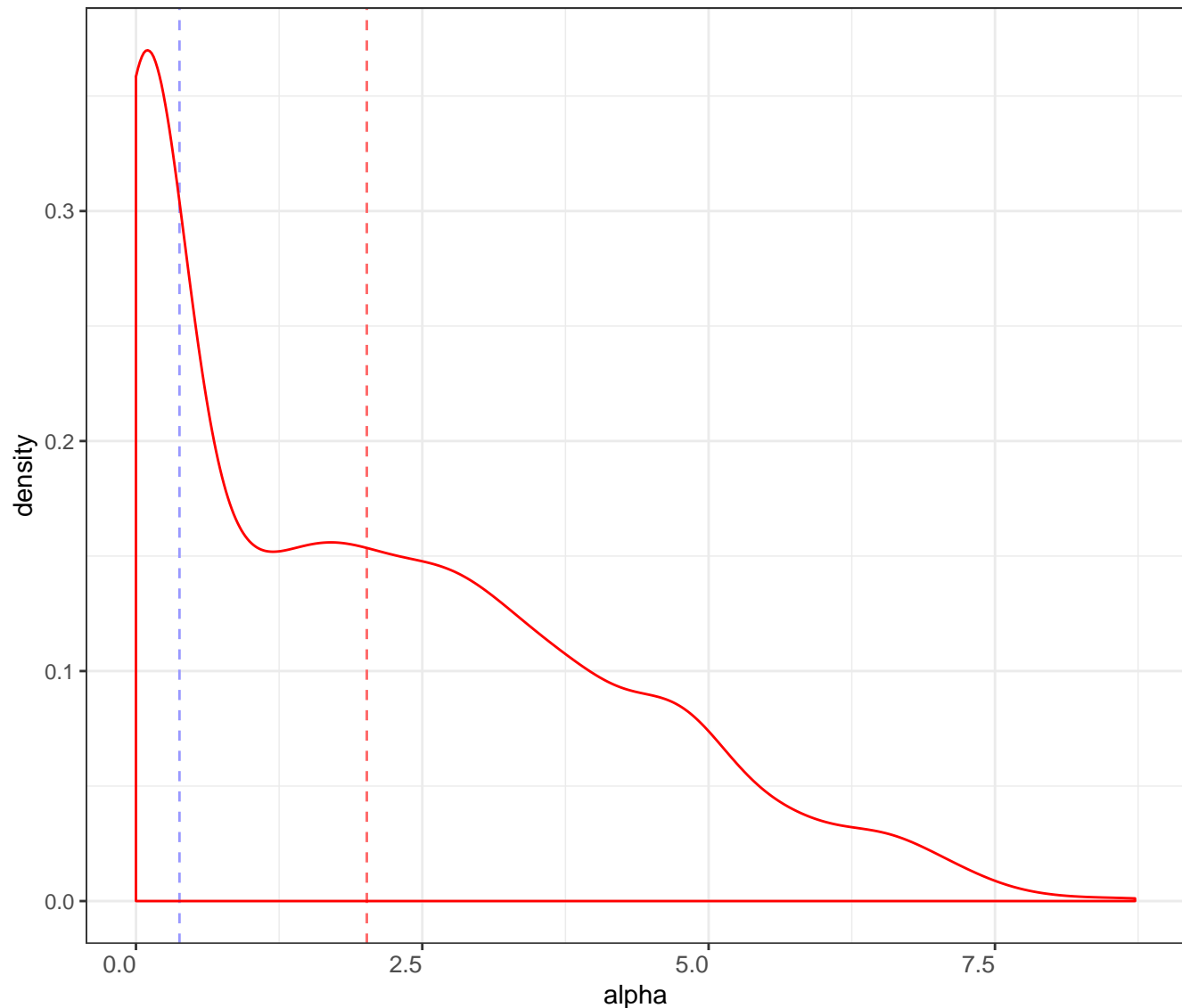Distribution alpha: S=50 ,r=5 true gr K=8 ,type=4 ,N=41

type [posterior] [prior]

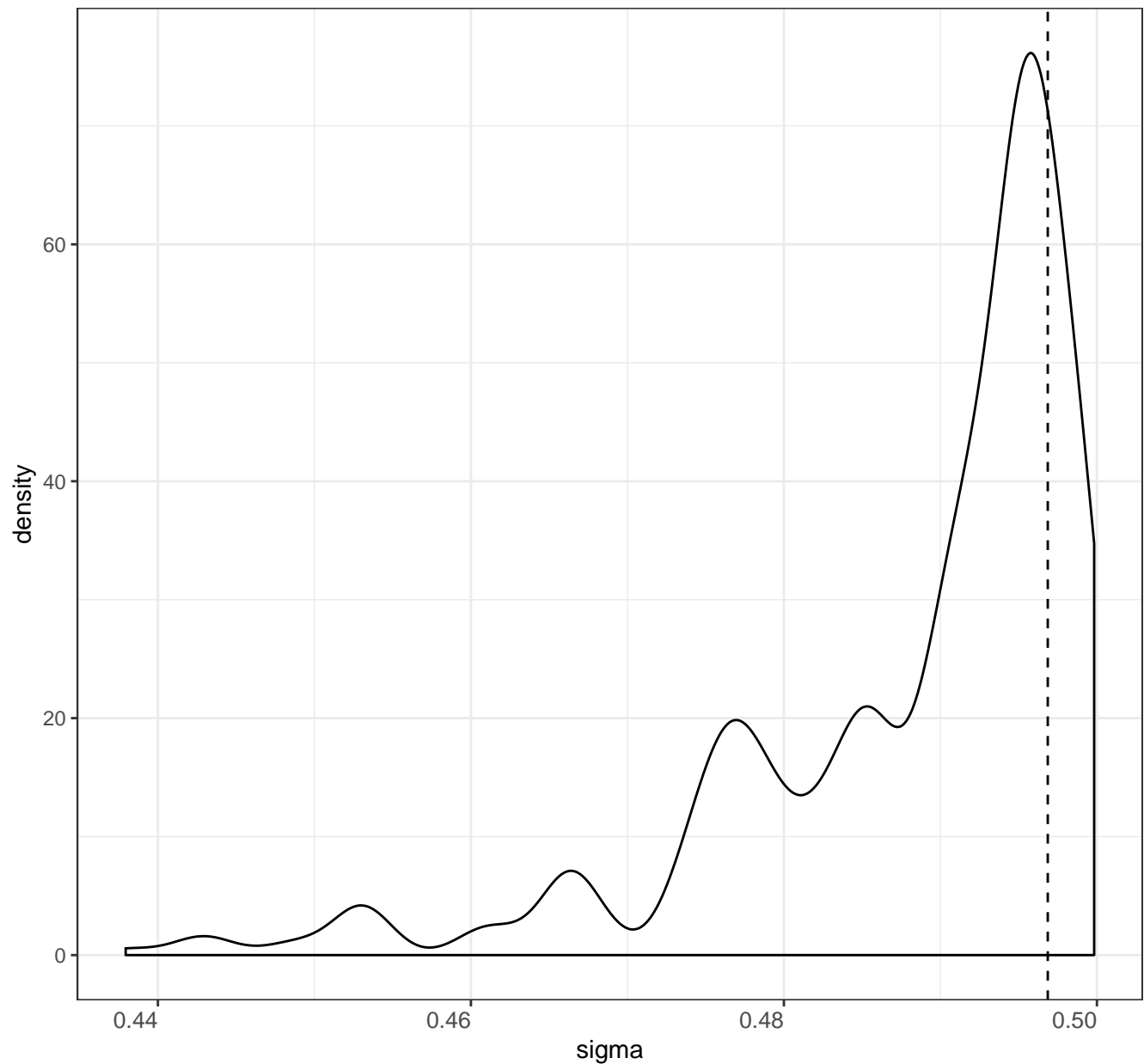Number of iterations: 5000 burnin: 2000 number of samples: 500

Posterior distribution for alpha

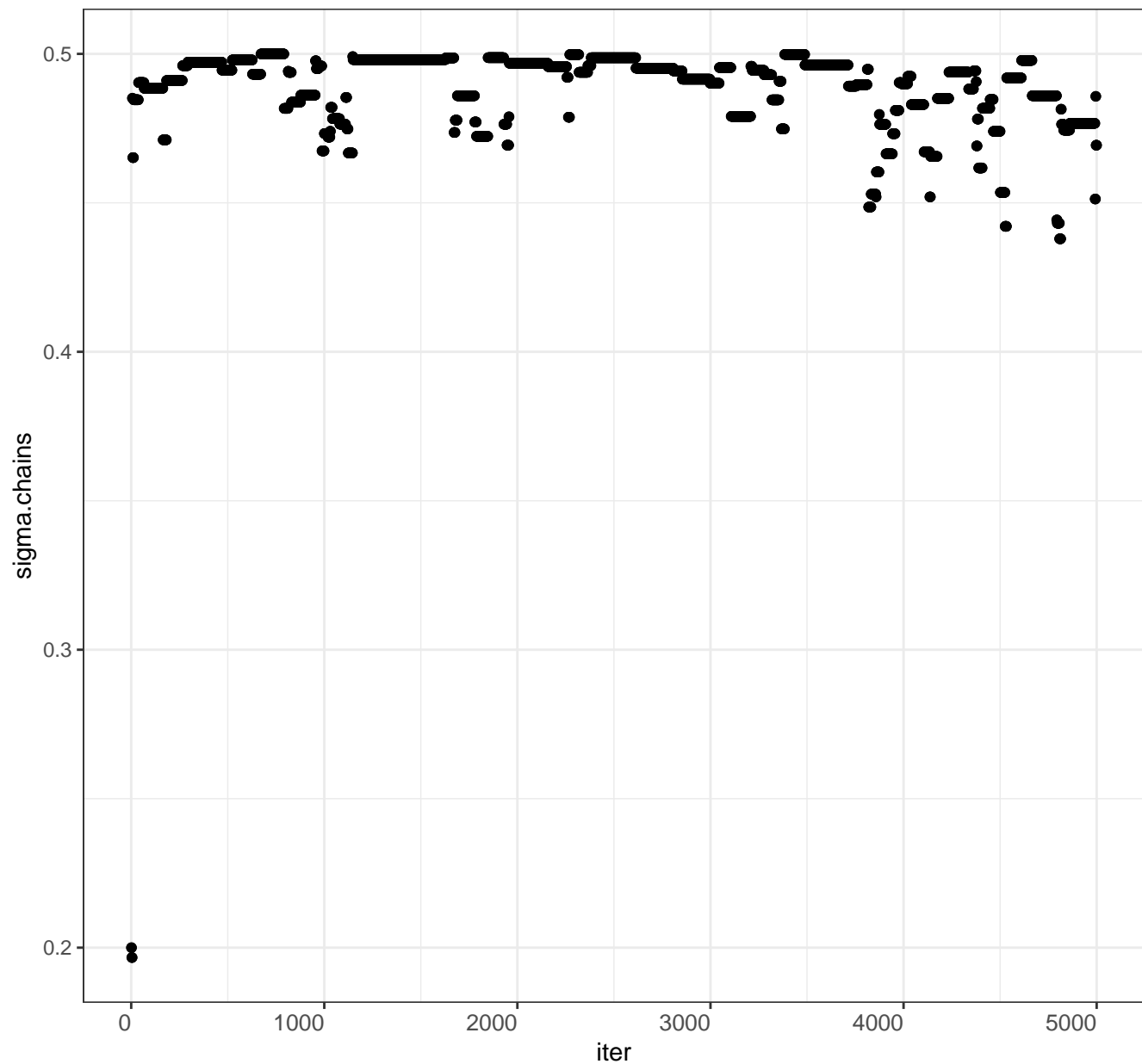Legend | posterior mean | prior mean

Number of iterations: 5000 burnin: 2000 number of samples: 500 S=50 ,r=5 true gr K=8 ,type=4 ,N=41

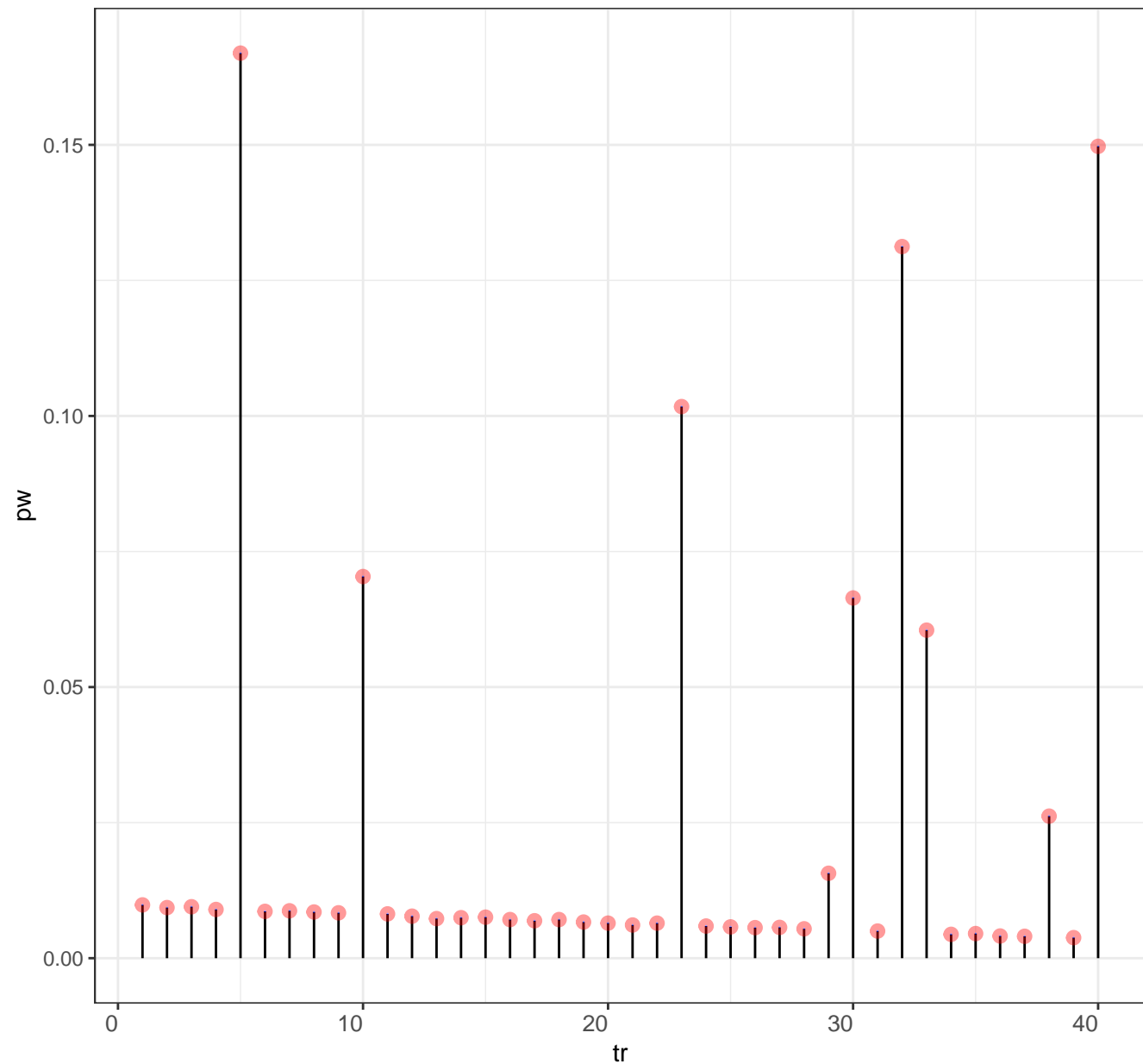Distribution sigma: S=50 ,r=5 true gr K=8 ,type=4 ,N=41

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

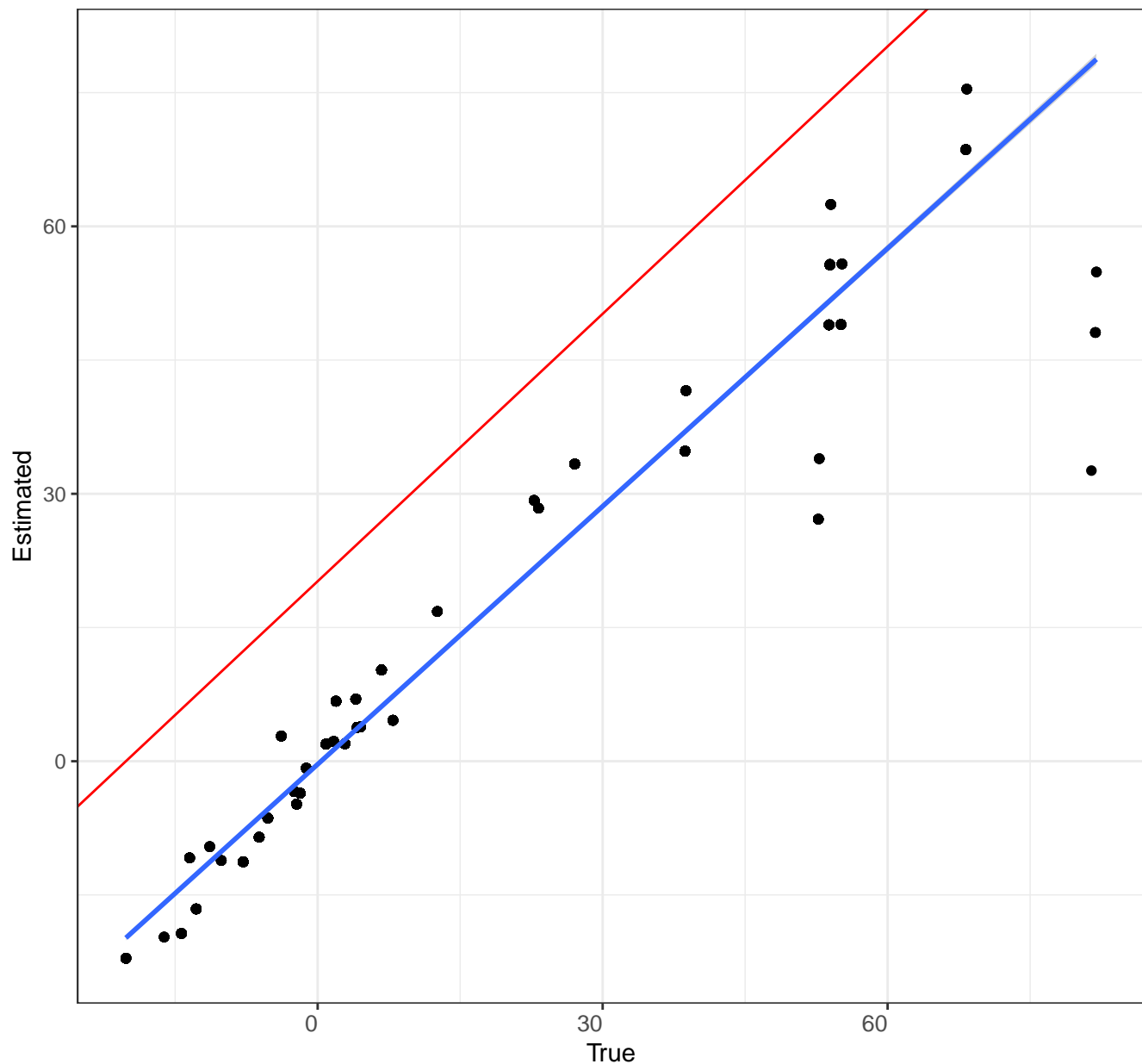Trace plot for the sigma for S=50 r=5 true K=8 type=4

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

Weights for the case: S=50 ,r=5 true gr K=8 ,type=4 ,N=41 pN=0.15

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=5 true K=8 type=4