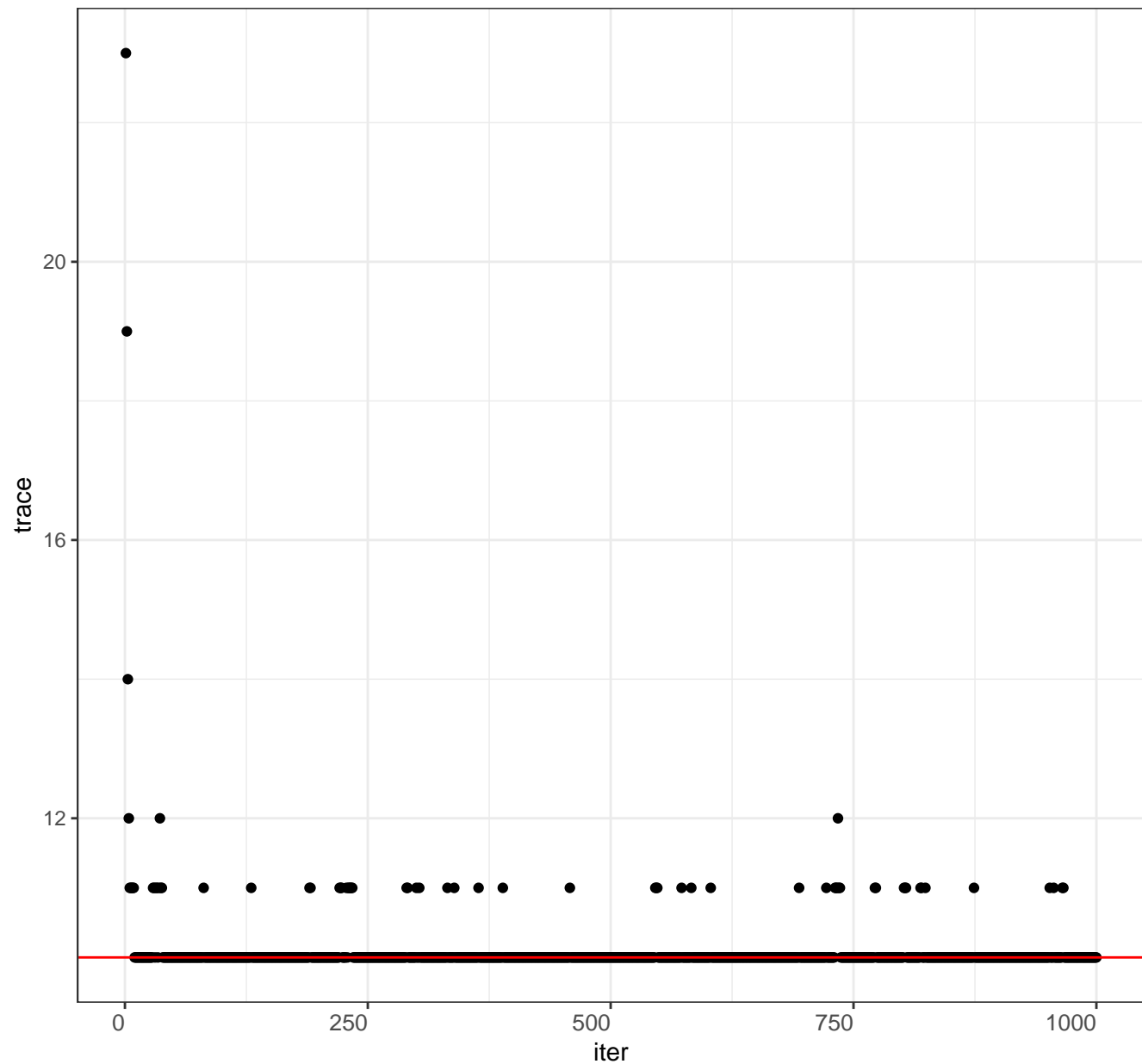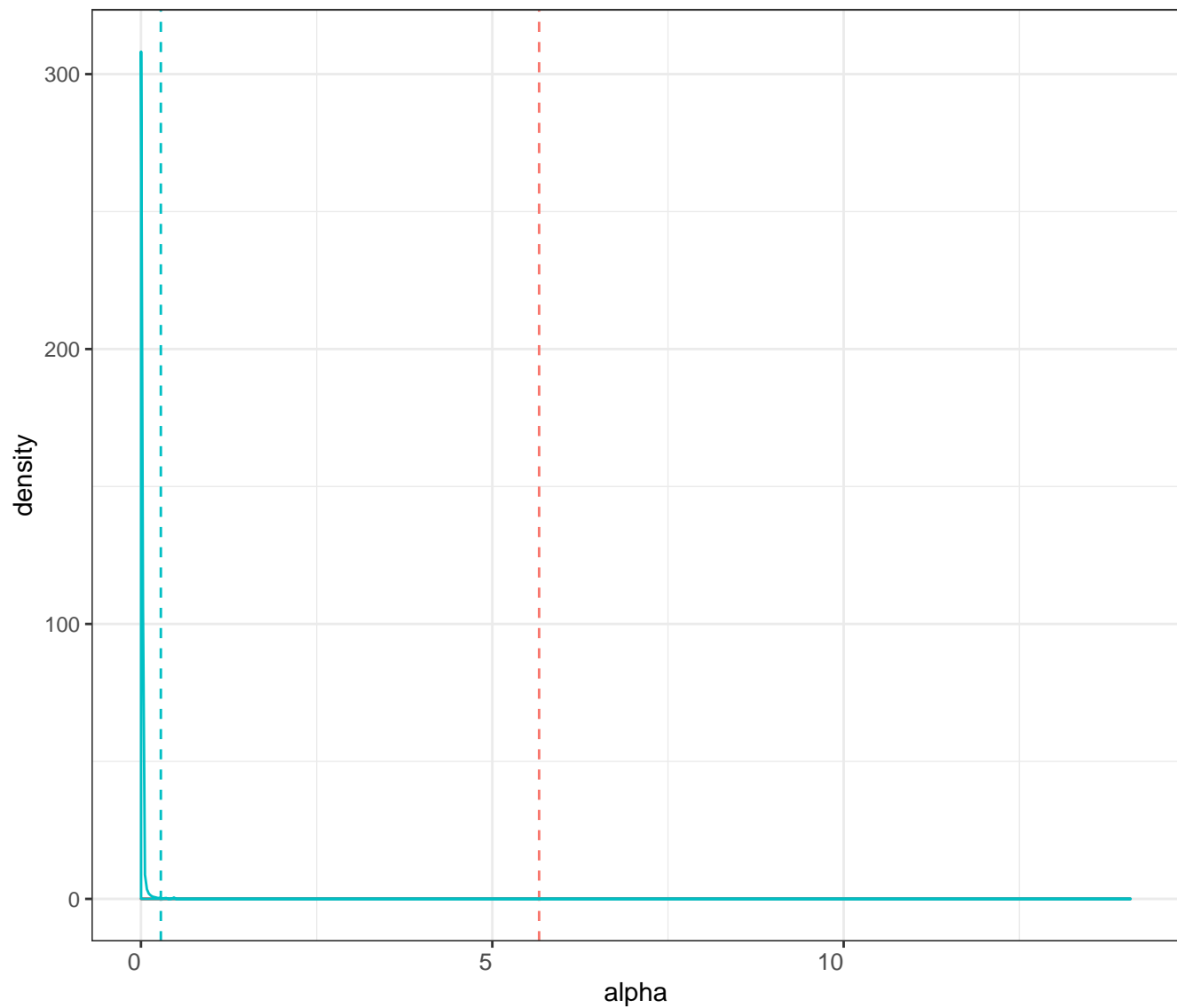Trace plot for the number of groups K for S=100 r=3 true K=10 type=4

Number of iterations: 1000 burnin: 200number of samples: 500

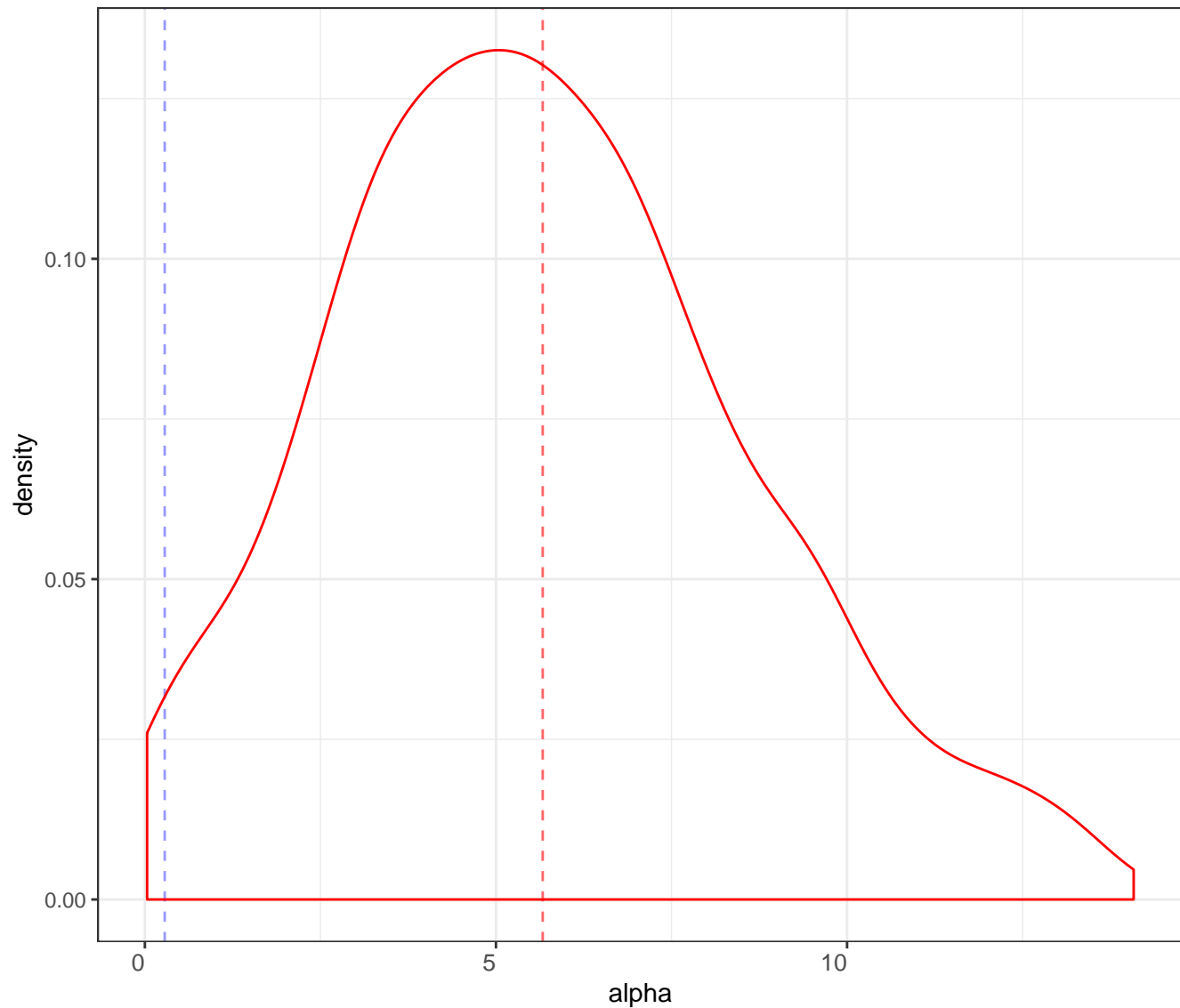Distribution alpha: S=100 ,r=3 true gr K=10 ,type=4 ,N=204

type — posterior — prior

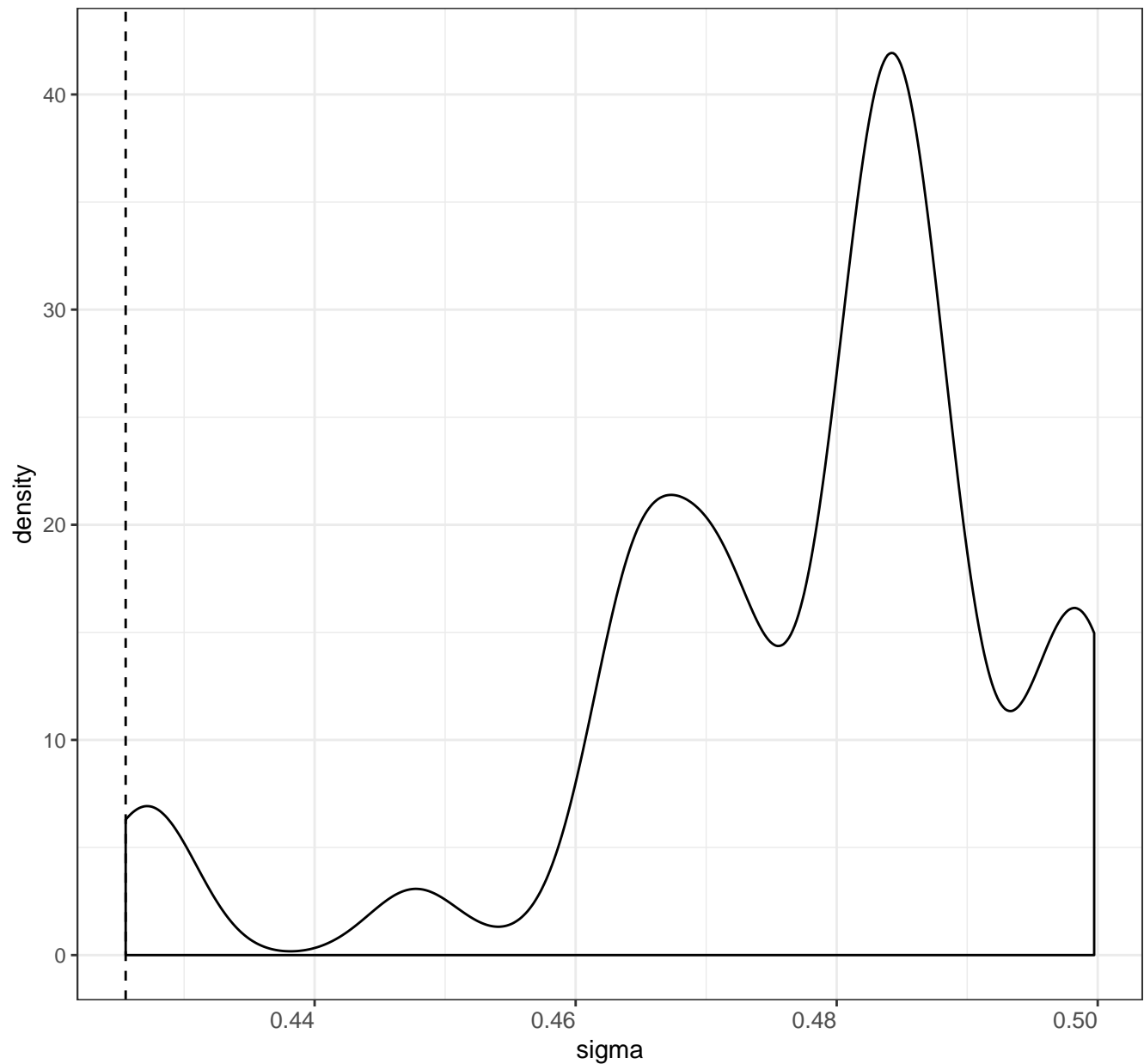Number of iterations: 1000 burnin: 200 number of samples: 500
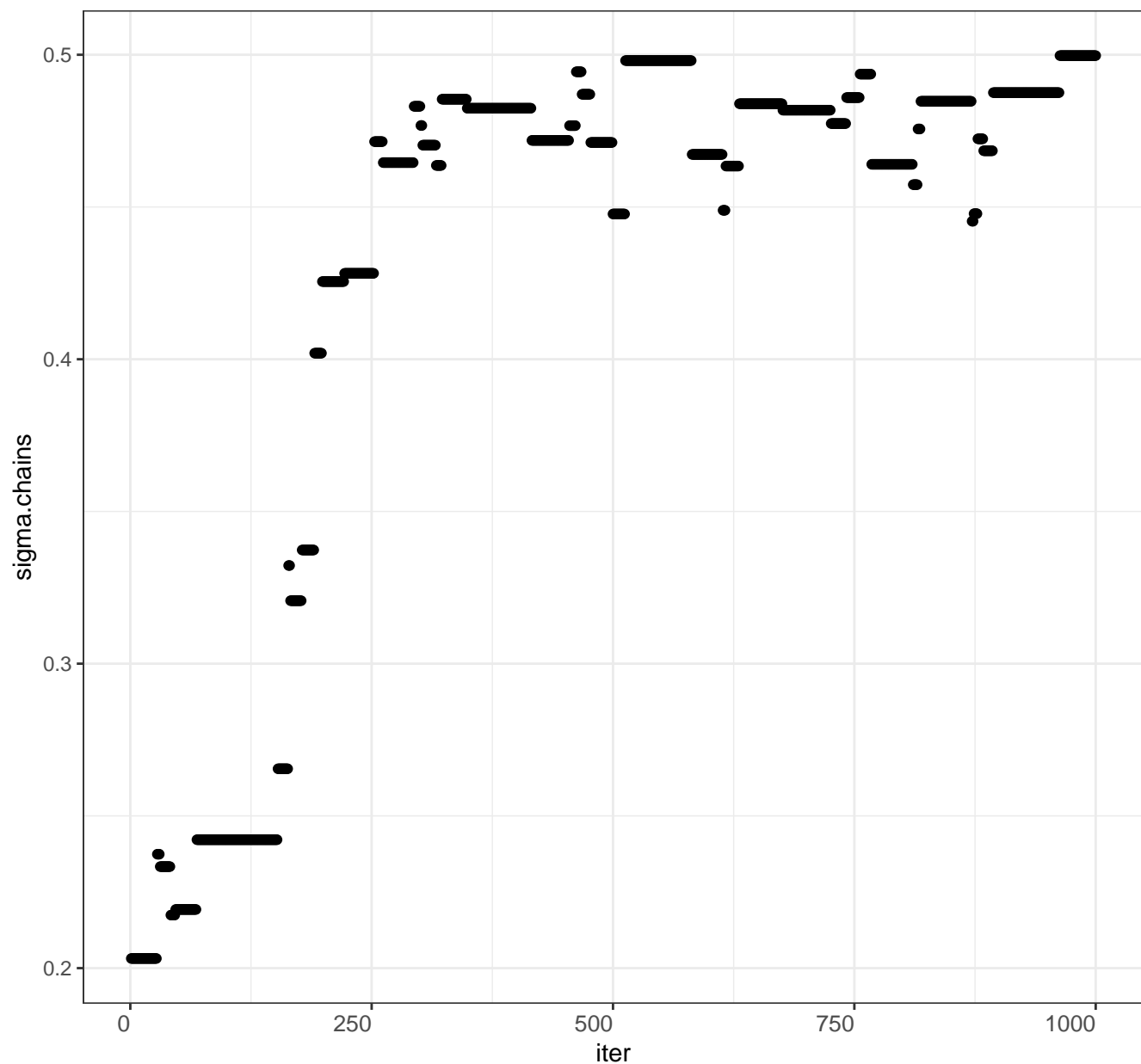
Posterior distribution for alpha

Number of iterations: 1000 burnin: 200 number of samples: 500 S=100 ,r=3 true gr K=10 ,type=4 ,N=204

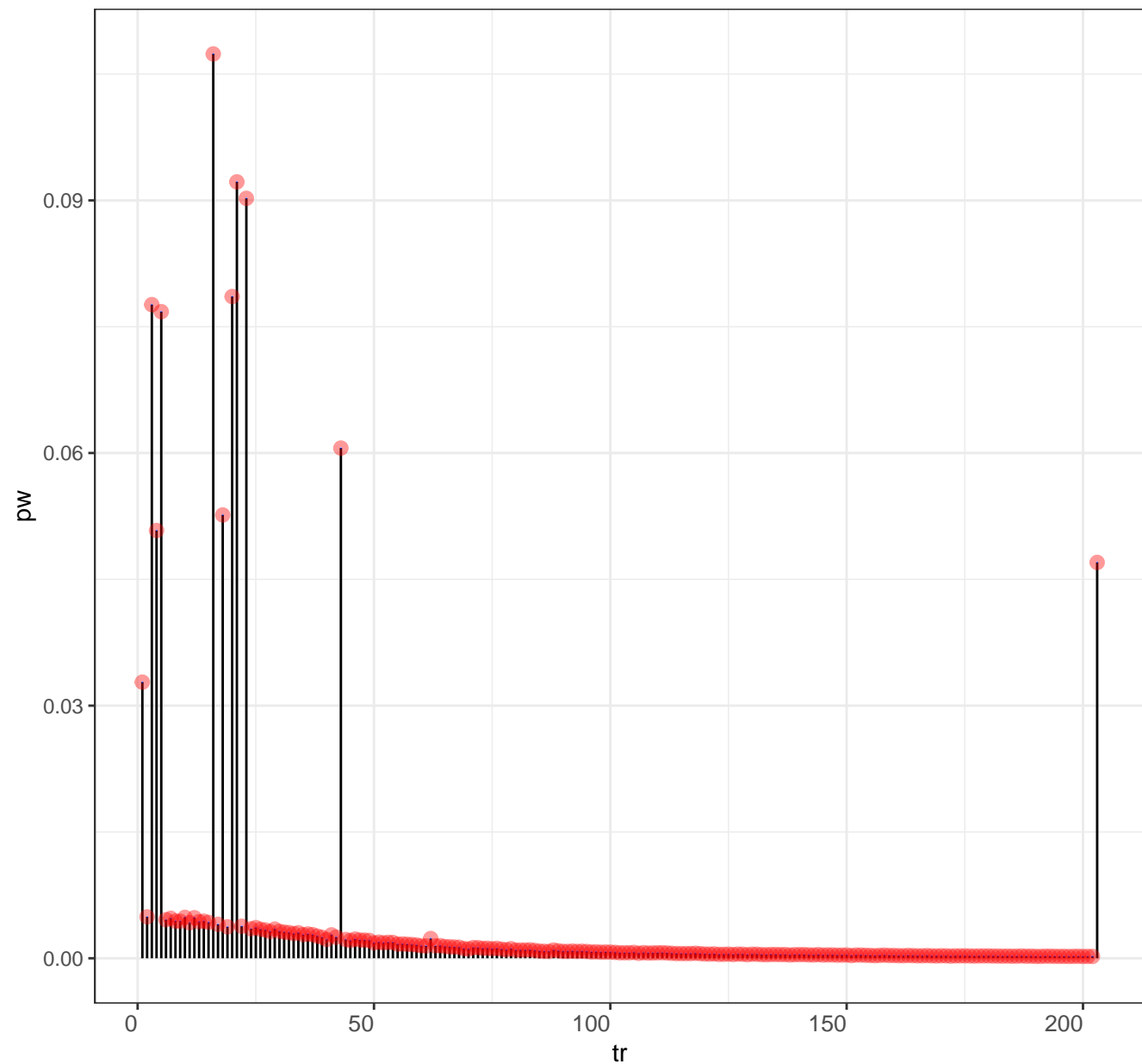Distribution sigma: S=100 ,r=3 true gr K=10 ,type=4 ,N=204

Number of iterations: 1000 burnin: 200 number of samples: 500

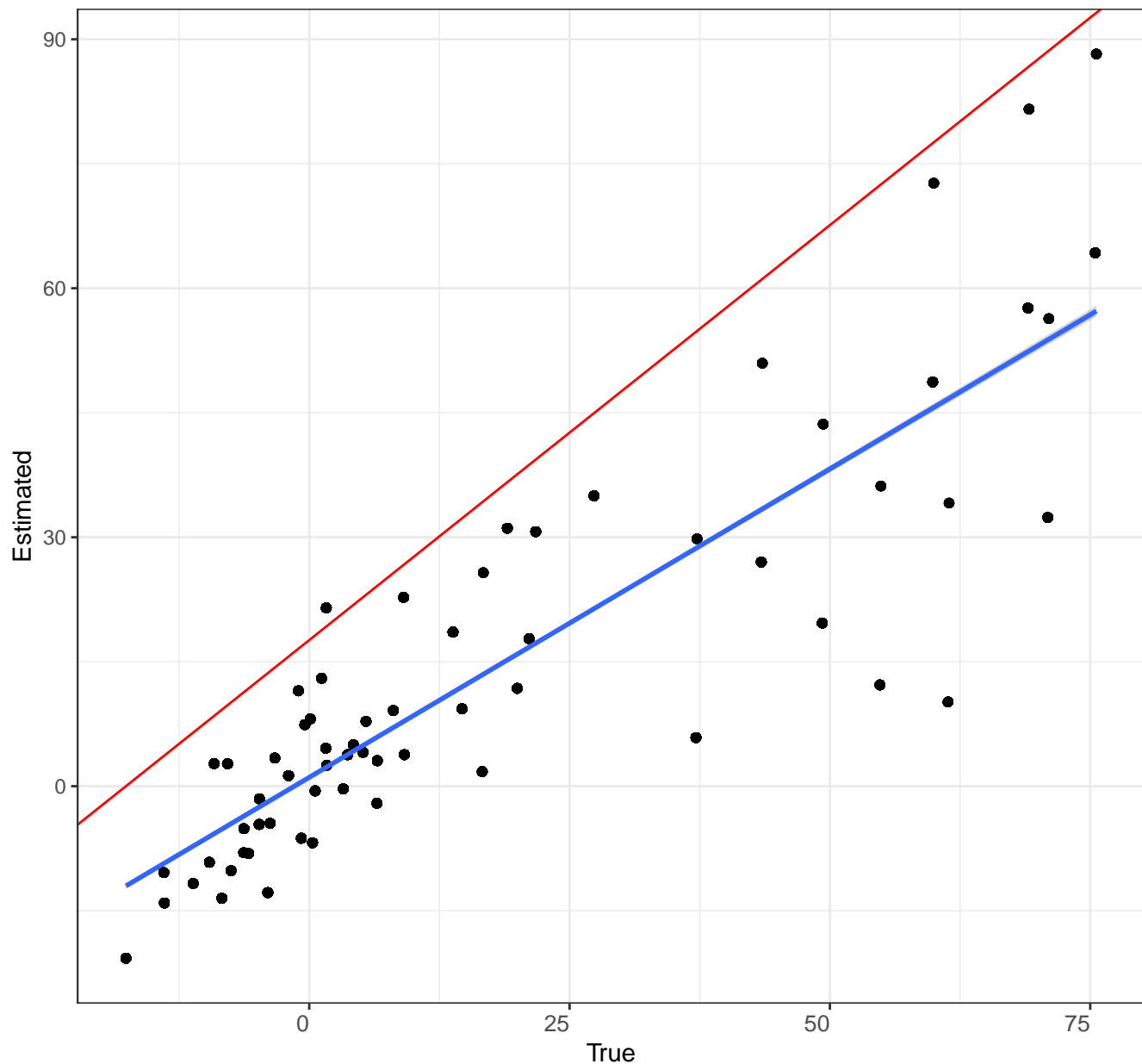Trace plot for the sigma for S=100 r=3 true K=10 type=4

Number of iterations: 1000 burnin: 200number of samples: 500

Weights for the case: S=100 ,r=3 true gr K=10 ,type=4 ,N=204 pN=0.047

Number of iterations: 1000 burnin: 200 number of samples: 500

True vs estimated covariance parameters

Number of iterations: 1000 burnin: 200number of samples: 500S=100 r=3 true K=10 type=4