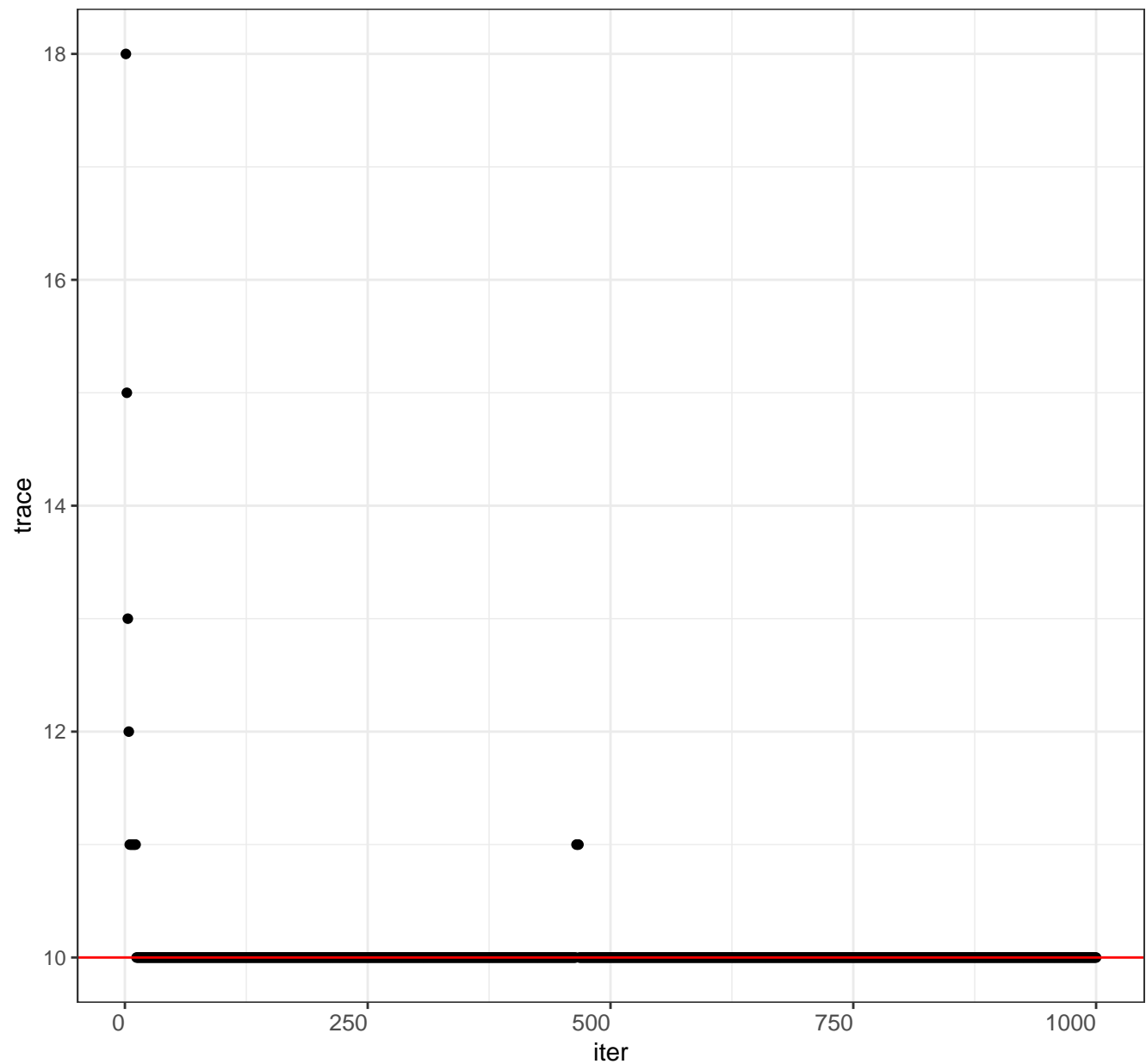




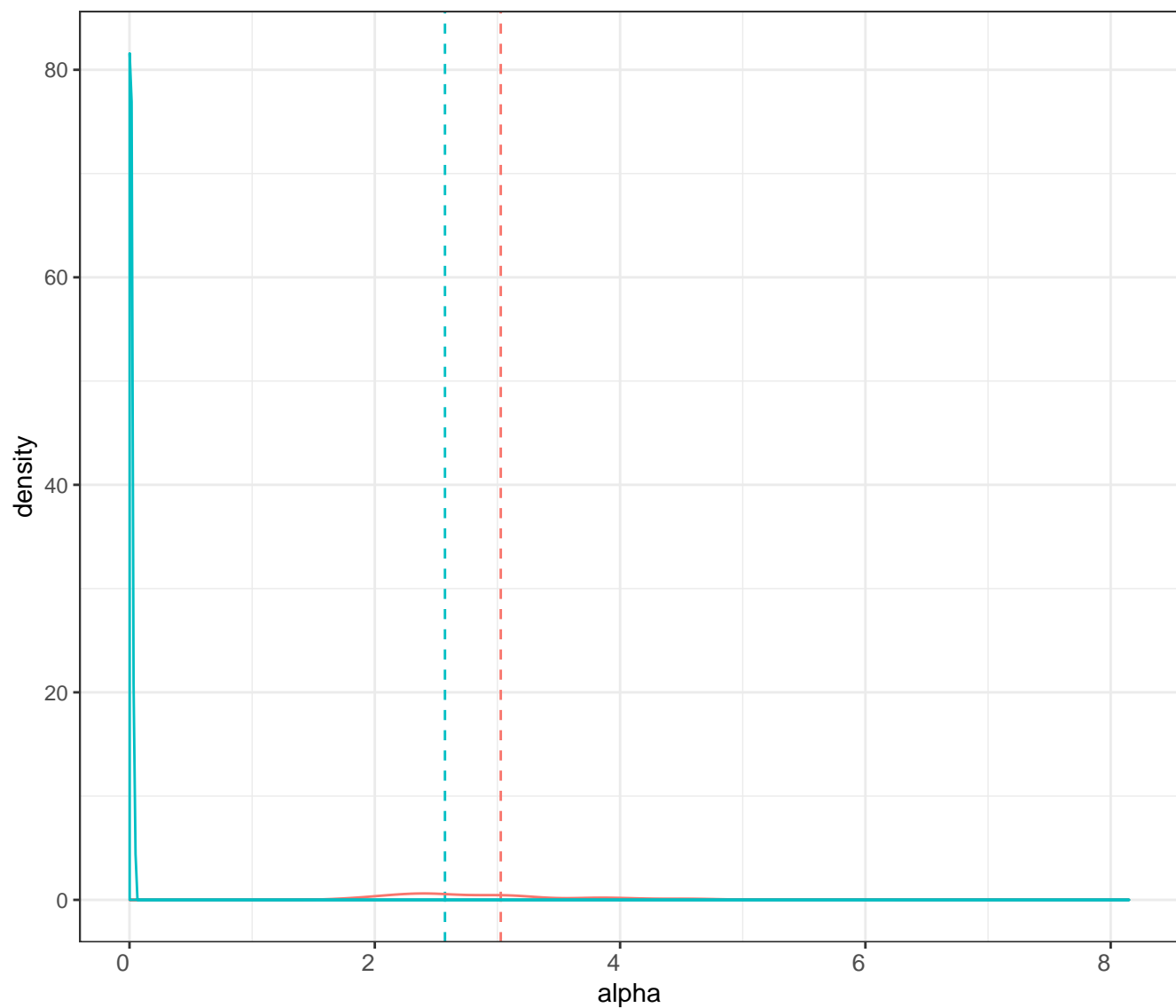
Trace plot for the number of groups K for S=100 r=3 true K=10 type=2



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

Distribution alpha: S=100 ,r=3 true gr K=10 ,type=2 ,N=100

type  posterior  prior



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

# Posterior distribution for alpha

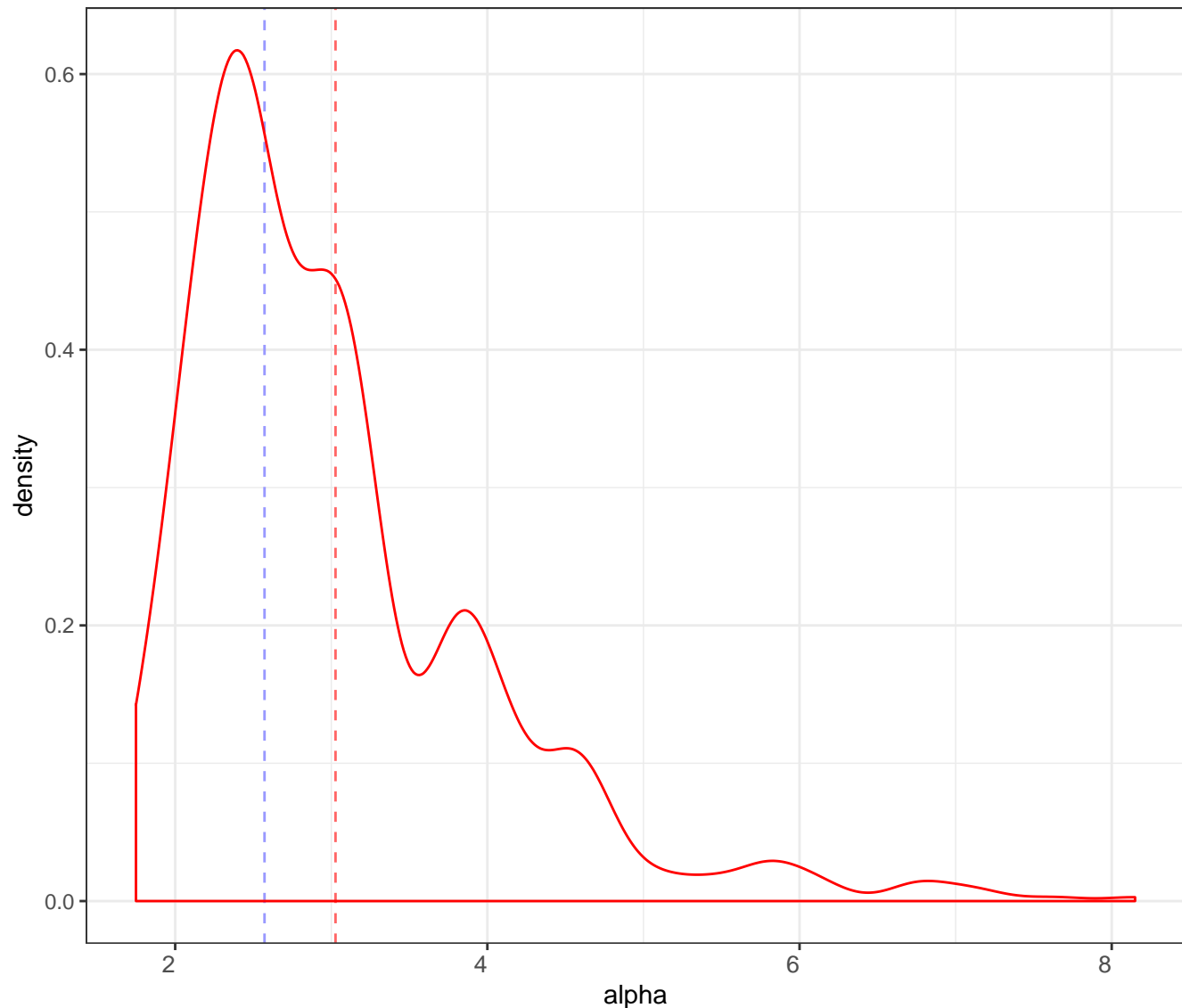
Legend



posterior mean

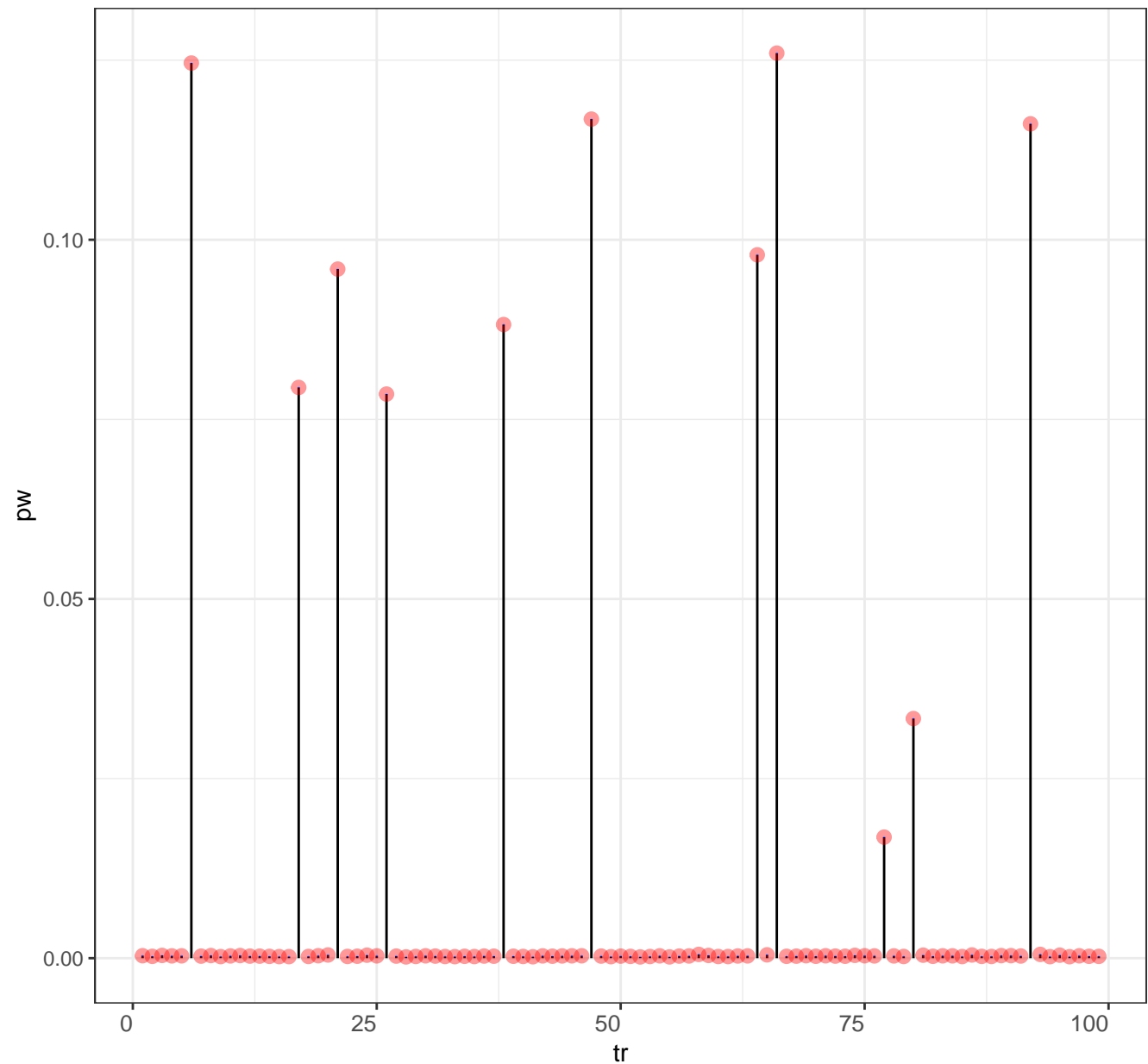


prior mean



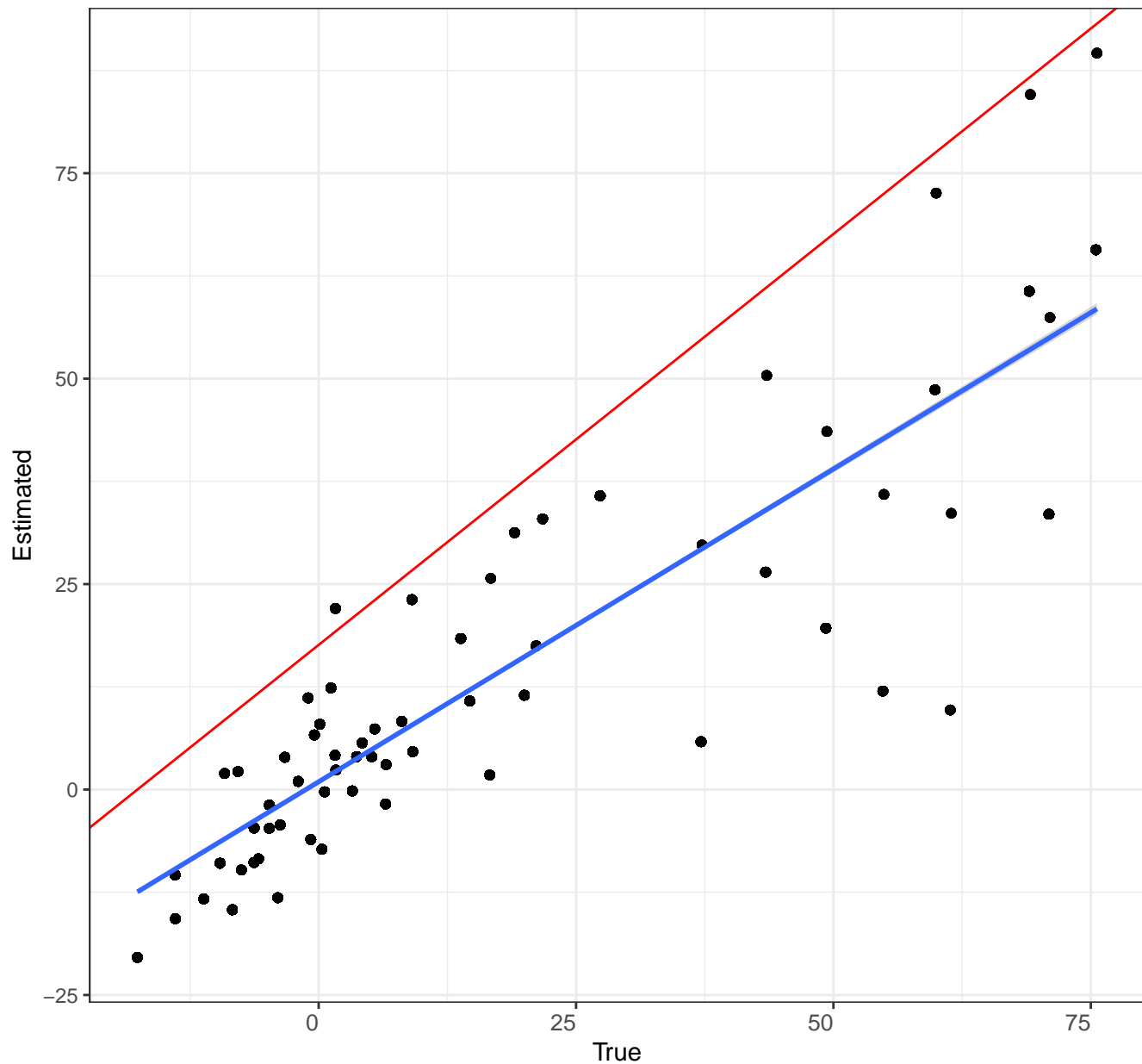
Number of iterations: 1000 burnin: 200 number of samples: 500 S=100 ,r=3 true gr K=10 ,type=2 ,N=100

Weights for the case:  $S=100$ ,  $r=3$  true gr  $K=10$ , type=2,  $N=100$   $pN=0$



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=2