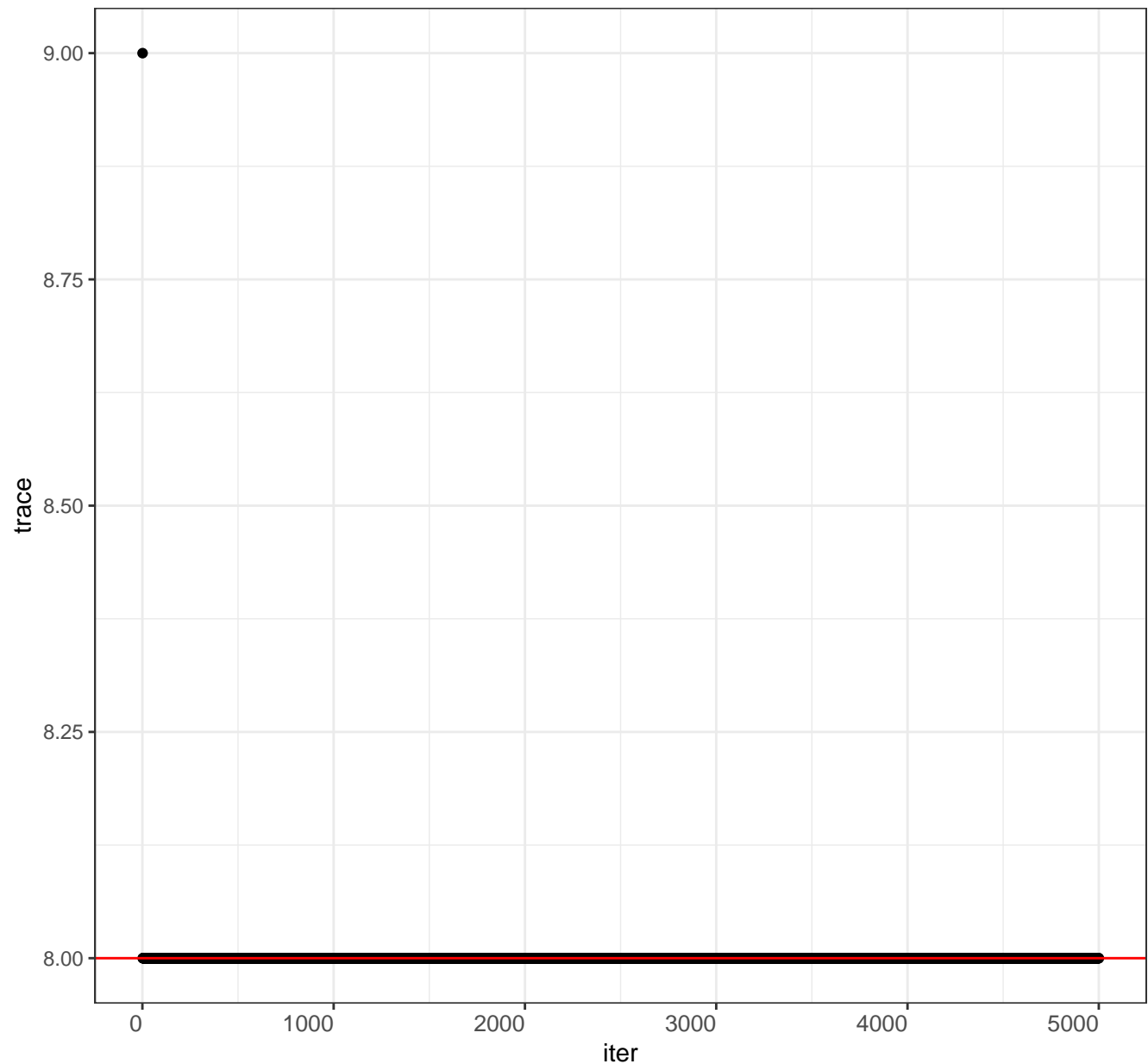




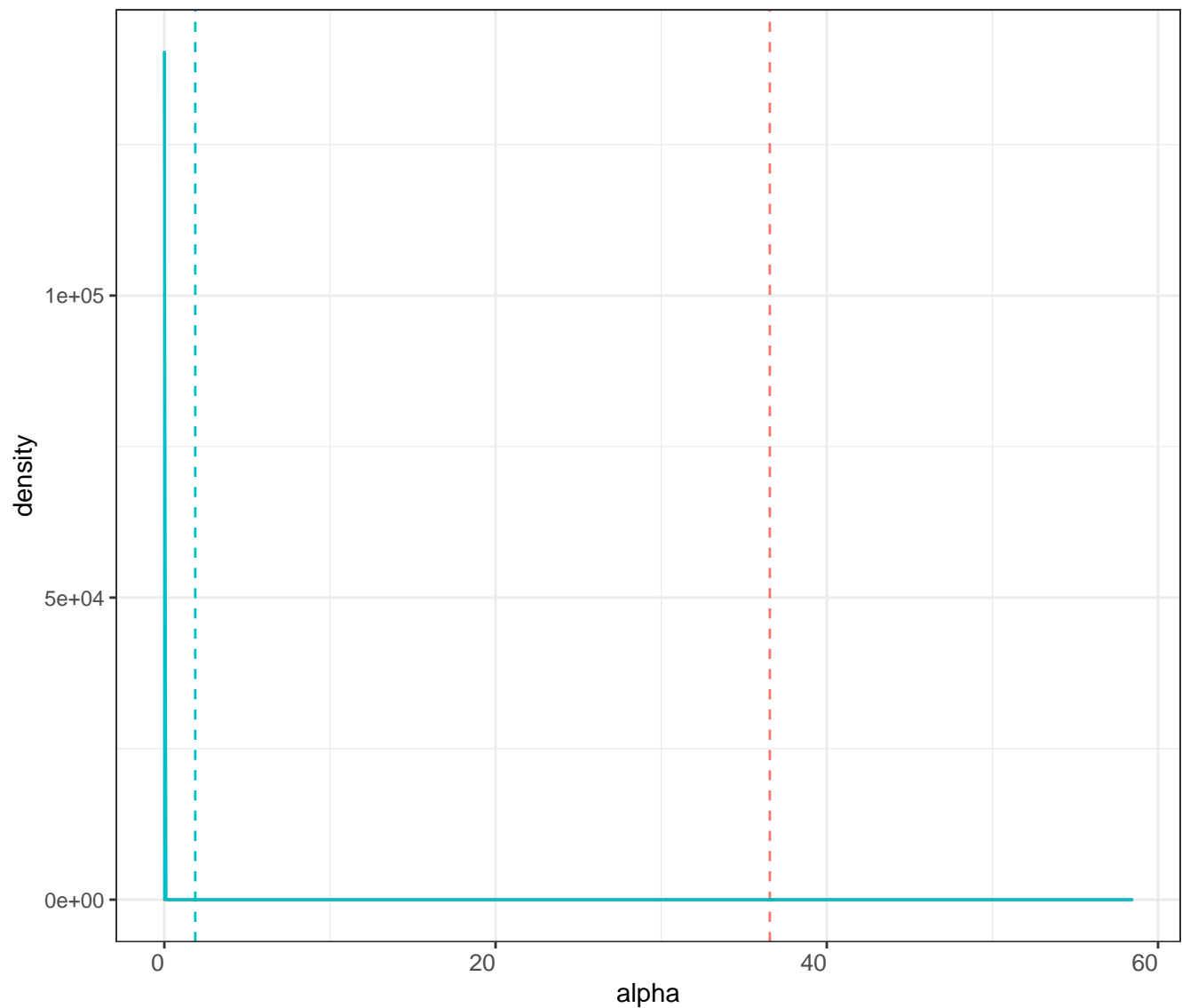
Trace plot for the number of groups K for S=100 r=20 true K=8 type=1



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

Distribution alpha: S=100 ,r=20 true gr K=8 ,type=1 ,N=150

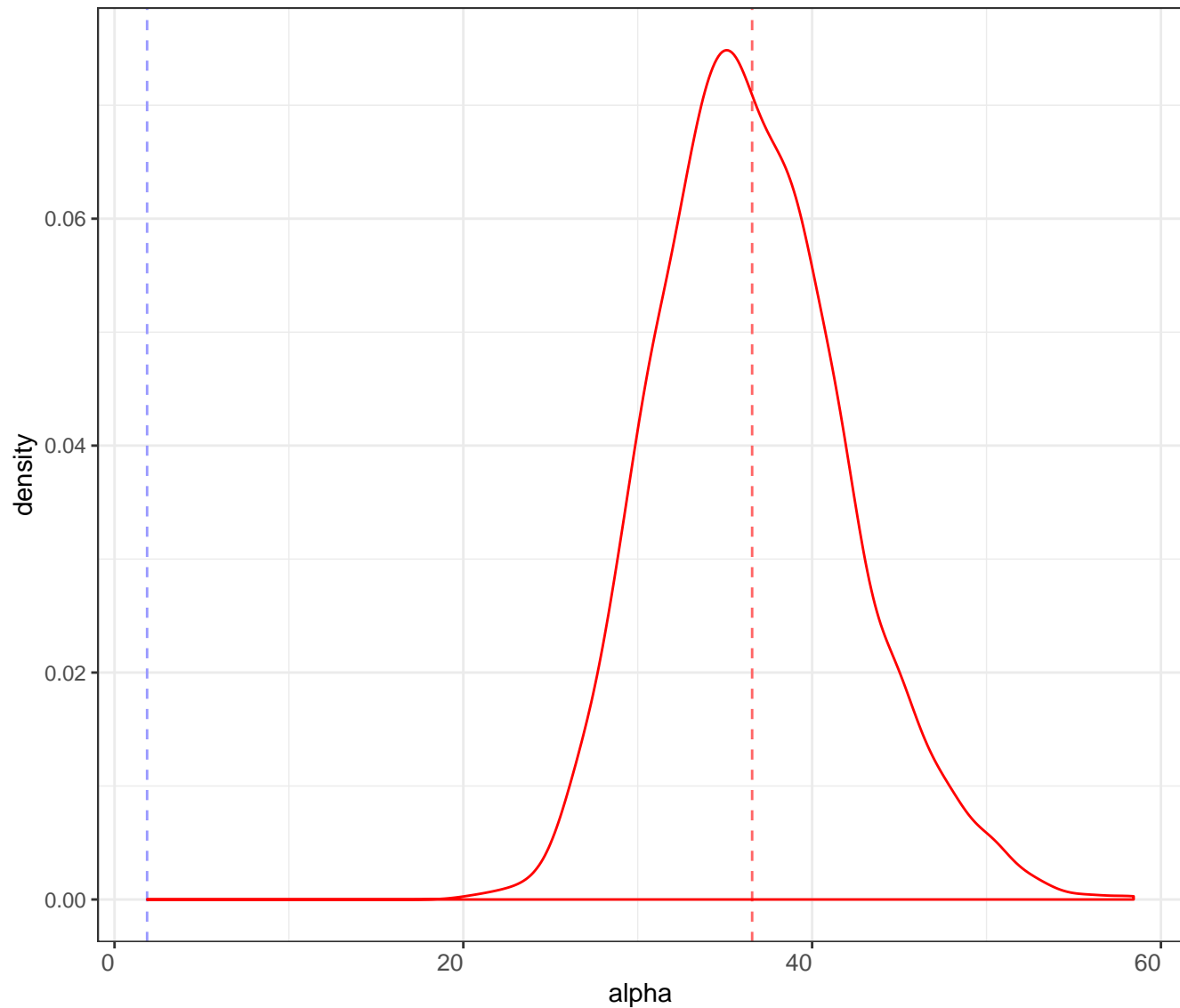
type  posterior  prior



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

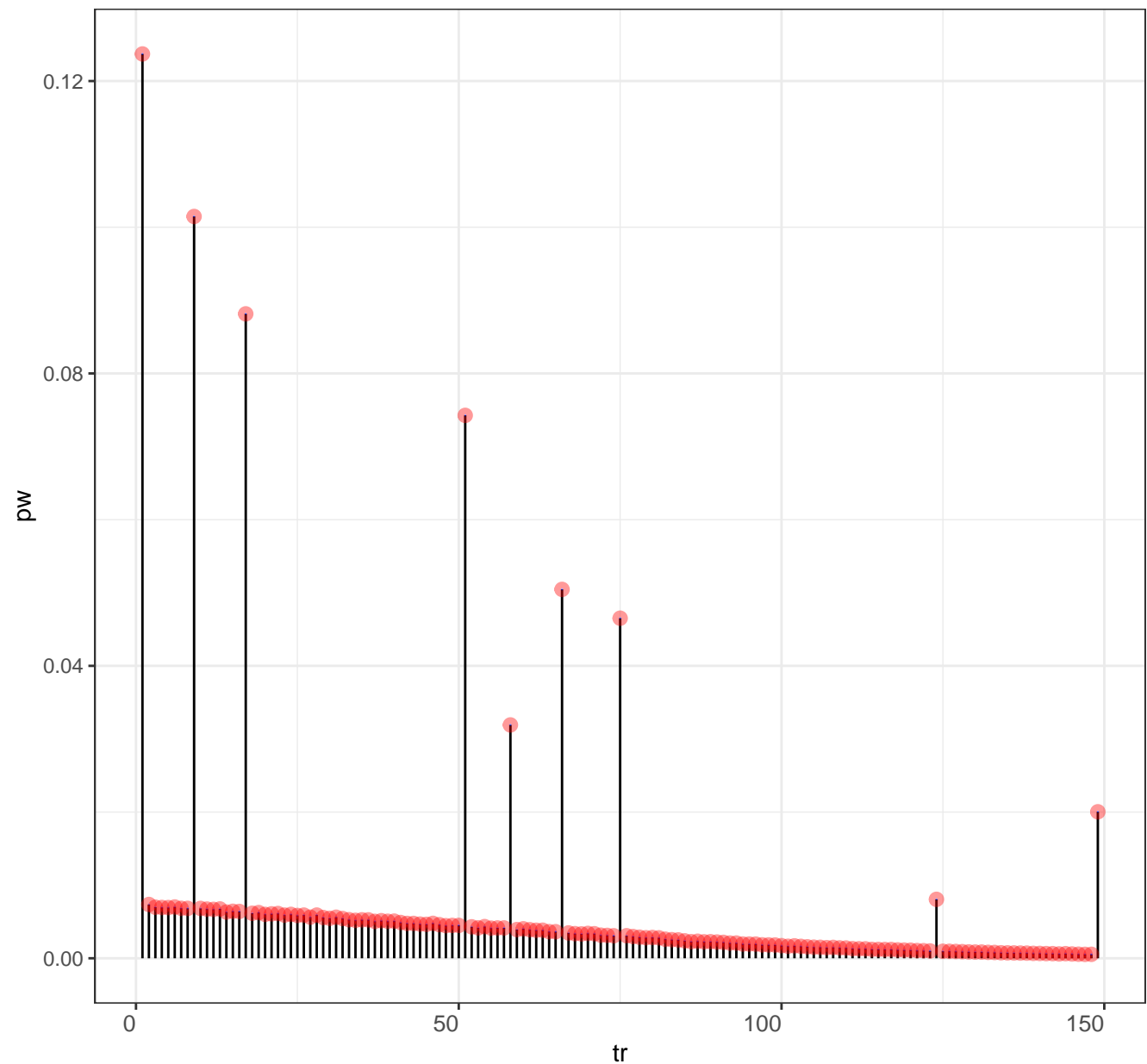
# Posterior distribution for alpha

Legend    posterior mean    prior mean



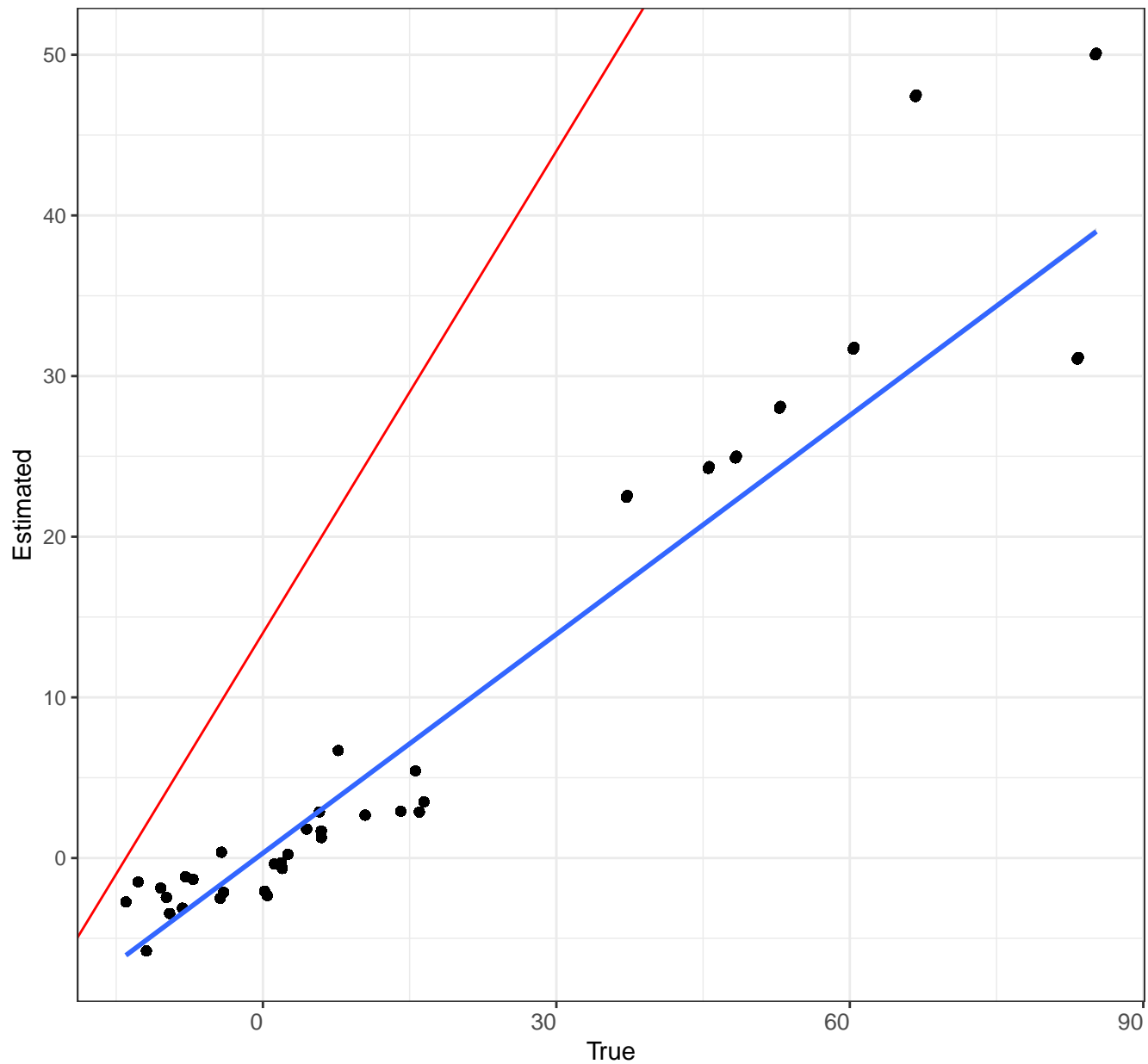
Number of iterations: 5000 burnin: 2000 number of samples: 500 S=100 ,r=20 true gr K=8 ,type=1 ,N=150

Weights for the case:  $S=100$ ,  $r=20$  true gr  $K=8$ , type=1,  $N=150$   $pN=0.02$



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

True vs estimated covariance parameters



Number of iterations: 5000 burnin: 2000number of samples: 500S=100 r=20 true K=8 type=1