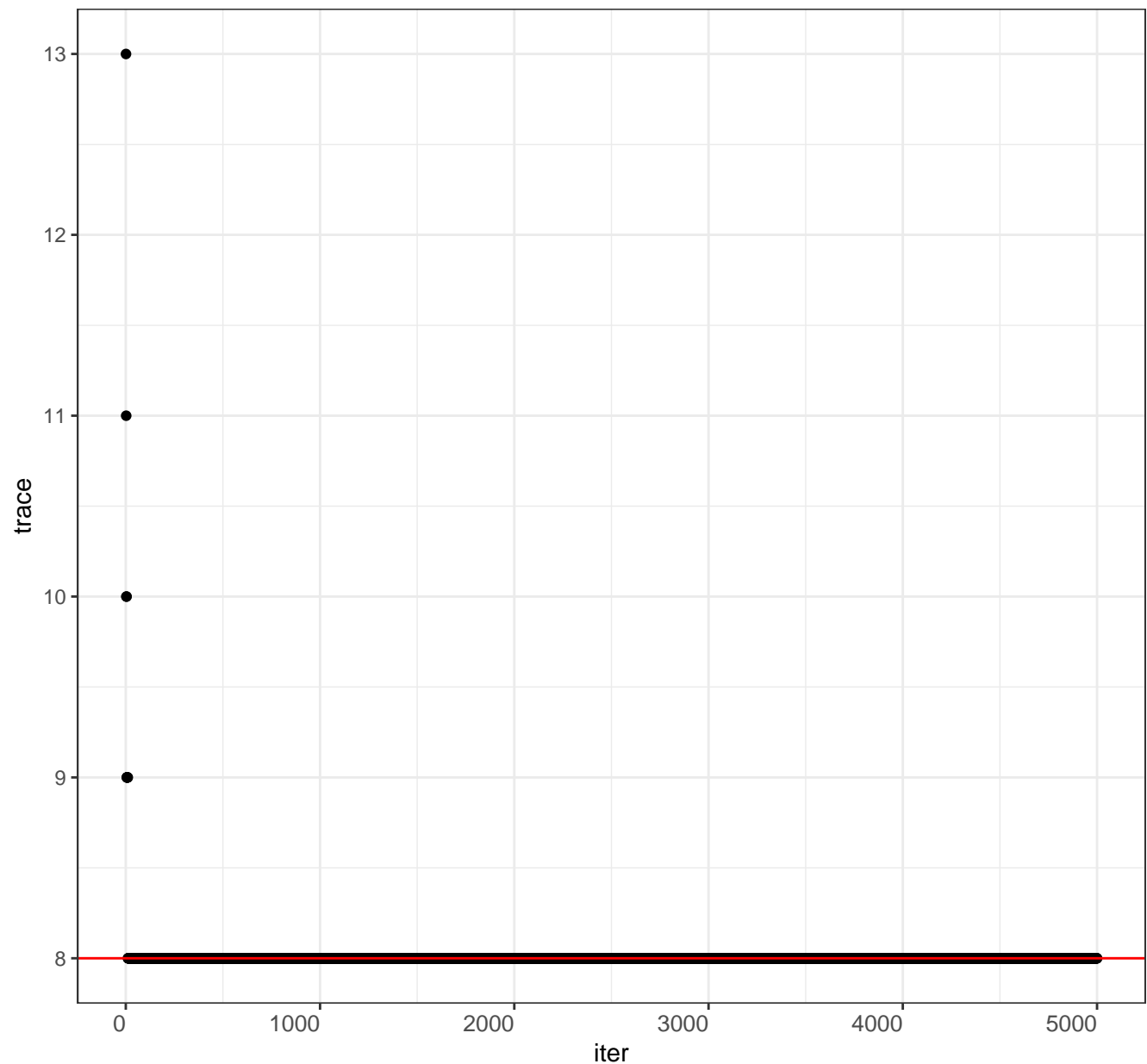




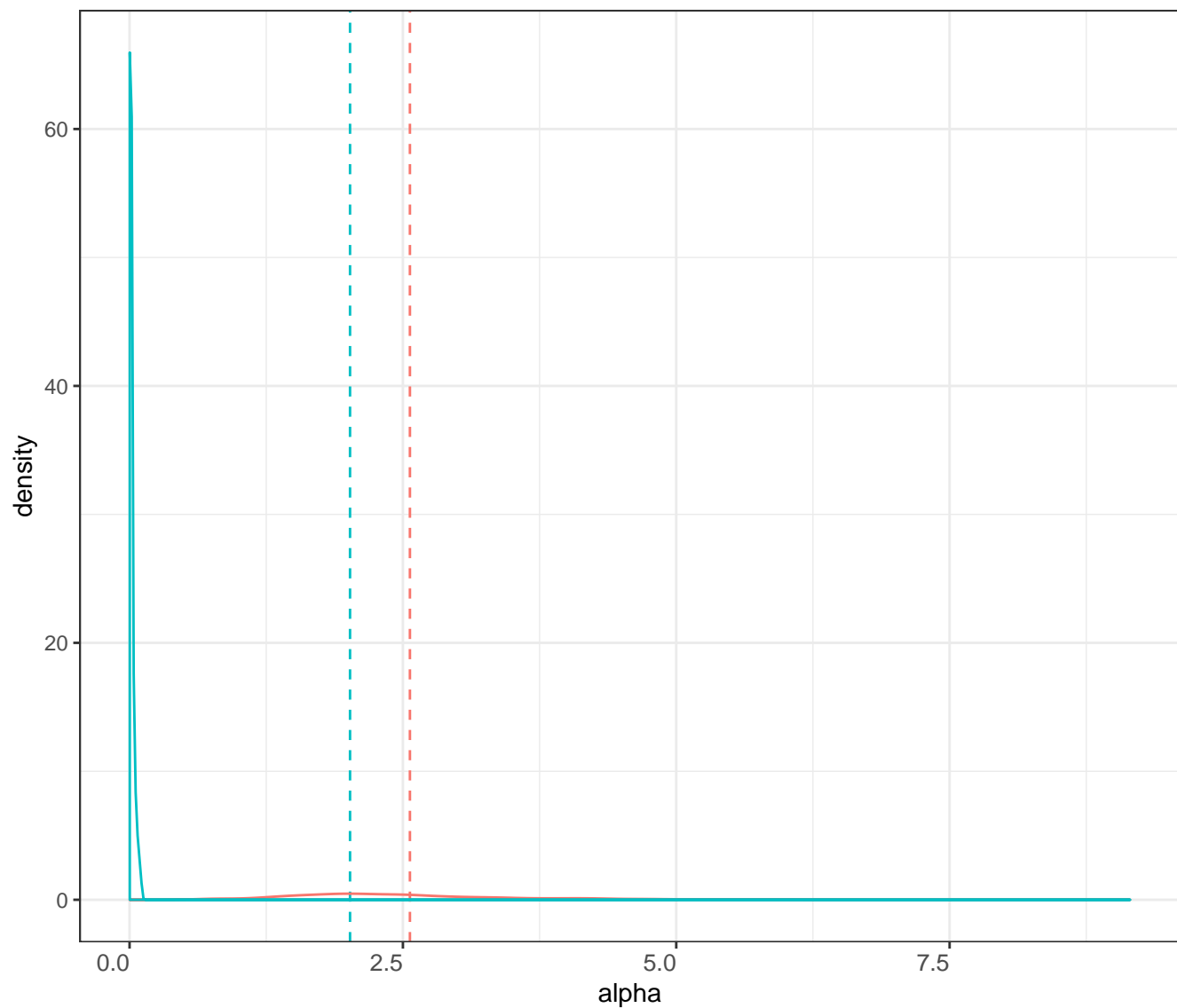
Trace plot for the number of groups K for S=80 r=5 true K=8 type=2



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

Distribution alpha: S=80 ,r=5 true gr K=8 ,type=2 ,N=80

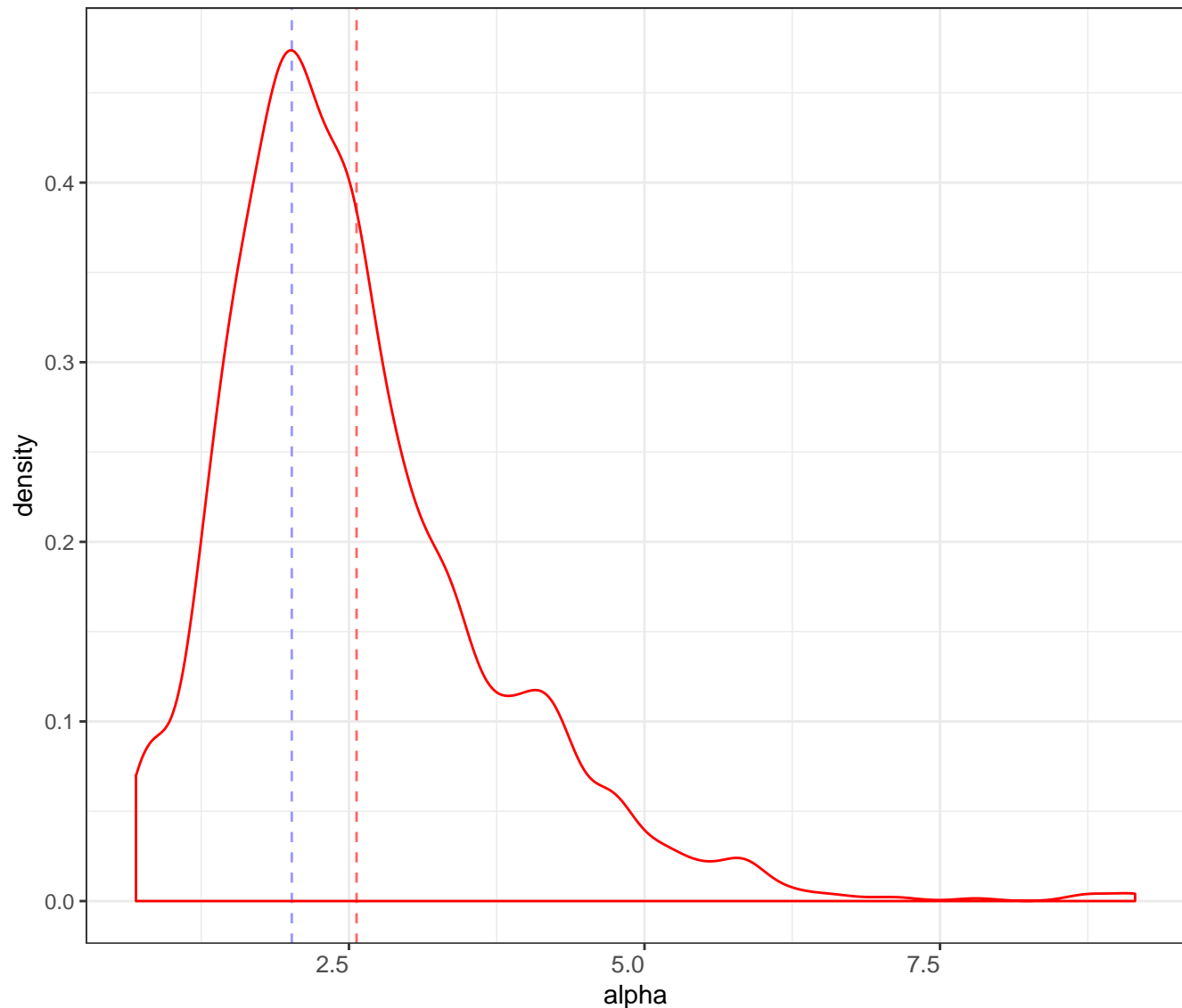
type  posterior  prior



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

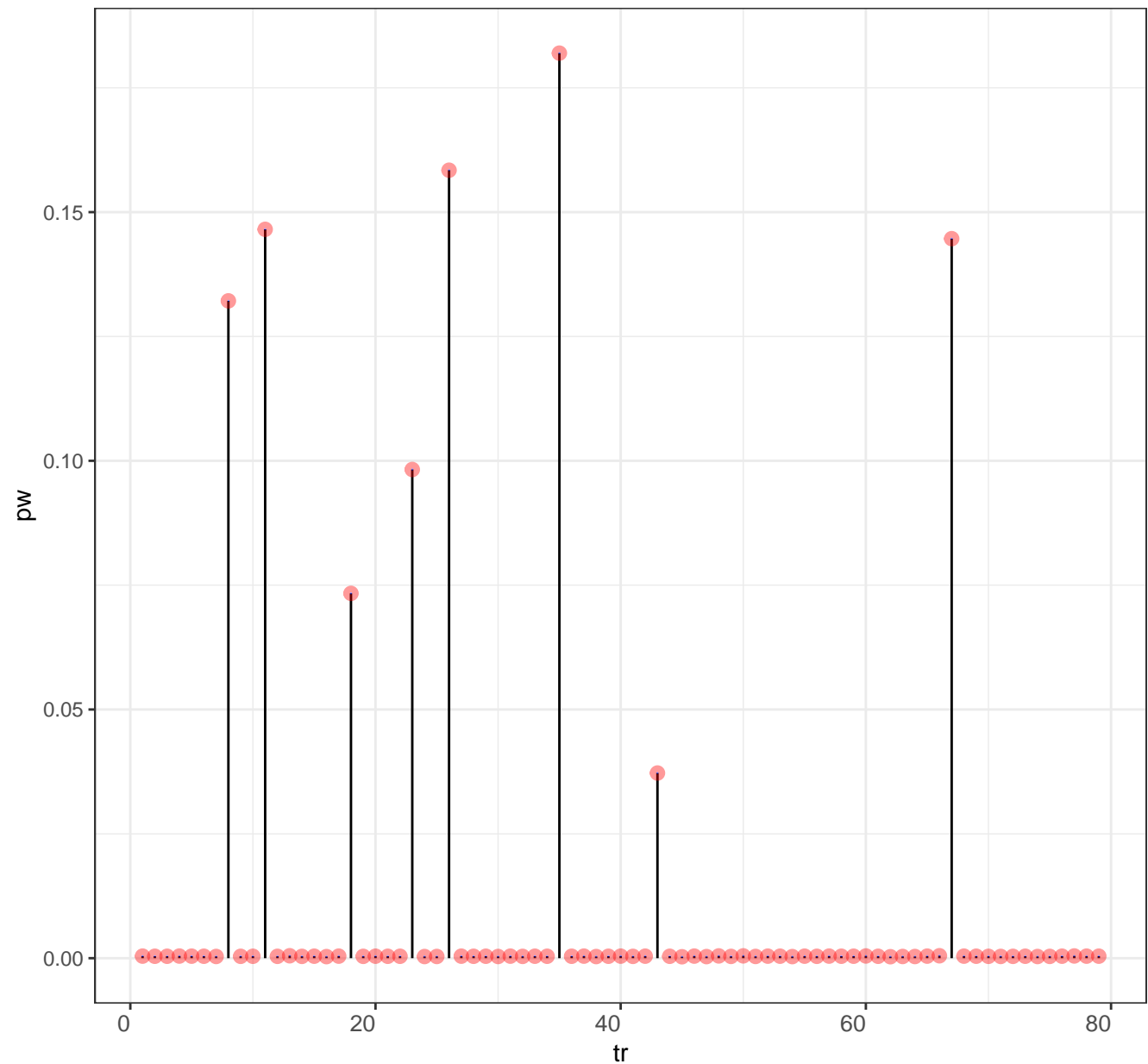
# Posterior distribution for alpha

Legend    posterior mean    prior mean



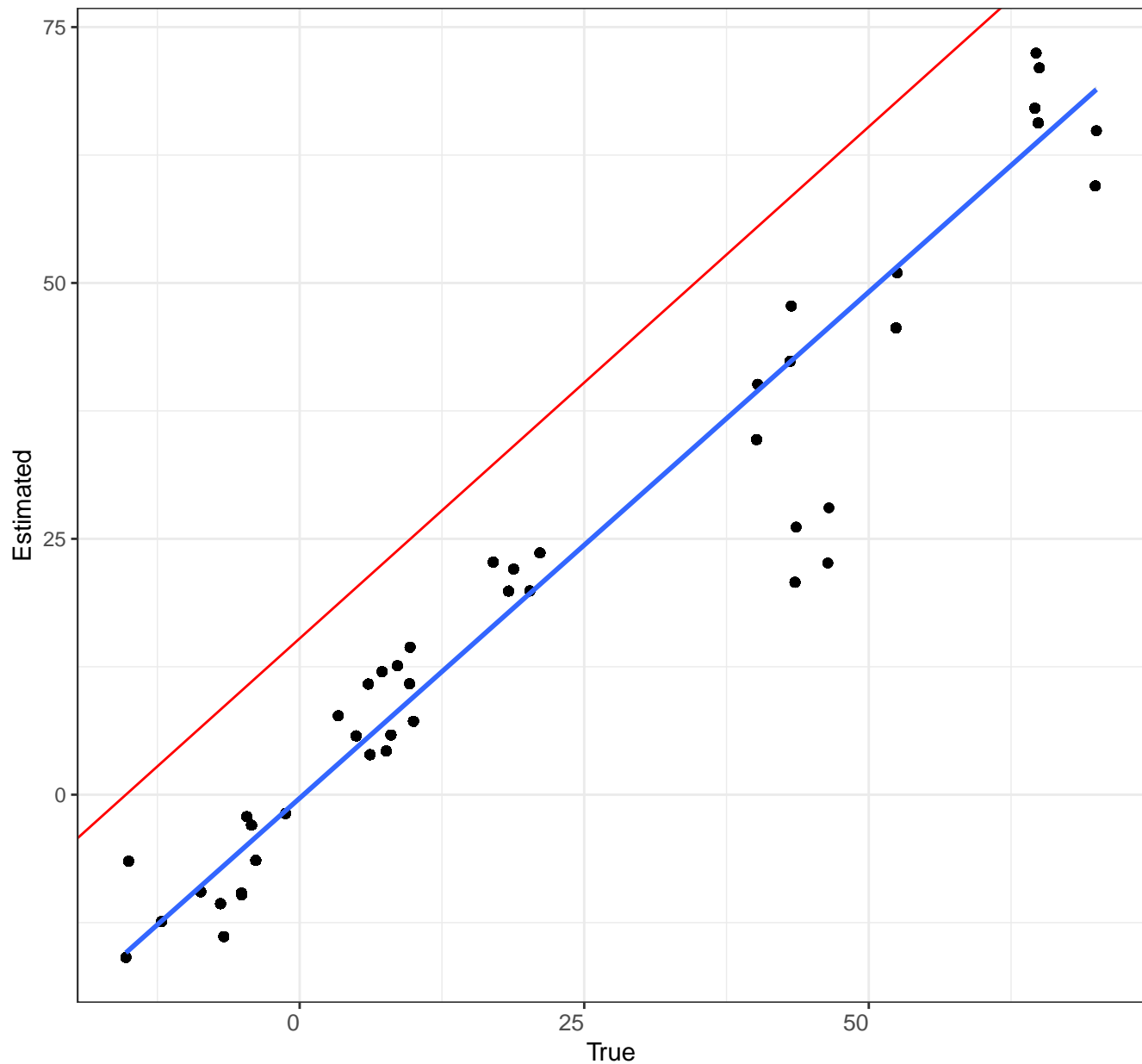
Number of iterations: 5000 burnin: 2000 number of samples: 500 S=80 ,r=5 true gr K=8 ,type=2 ,N=80

Weights for the case:  $S=80$  , $r=5$  true gr  $K=8$  ,type=2 , $N=80$   $pN=0$



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

True vs estimated covariance parameters



Number of iterations: 5000 burnin: 2000number of samples: 500S=80 r=5 true K=8 type=2