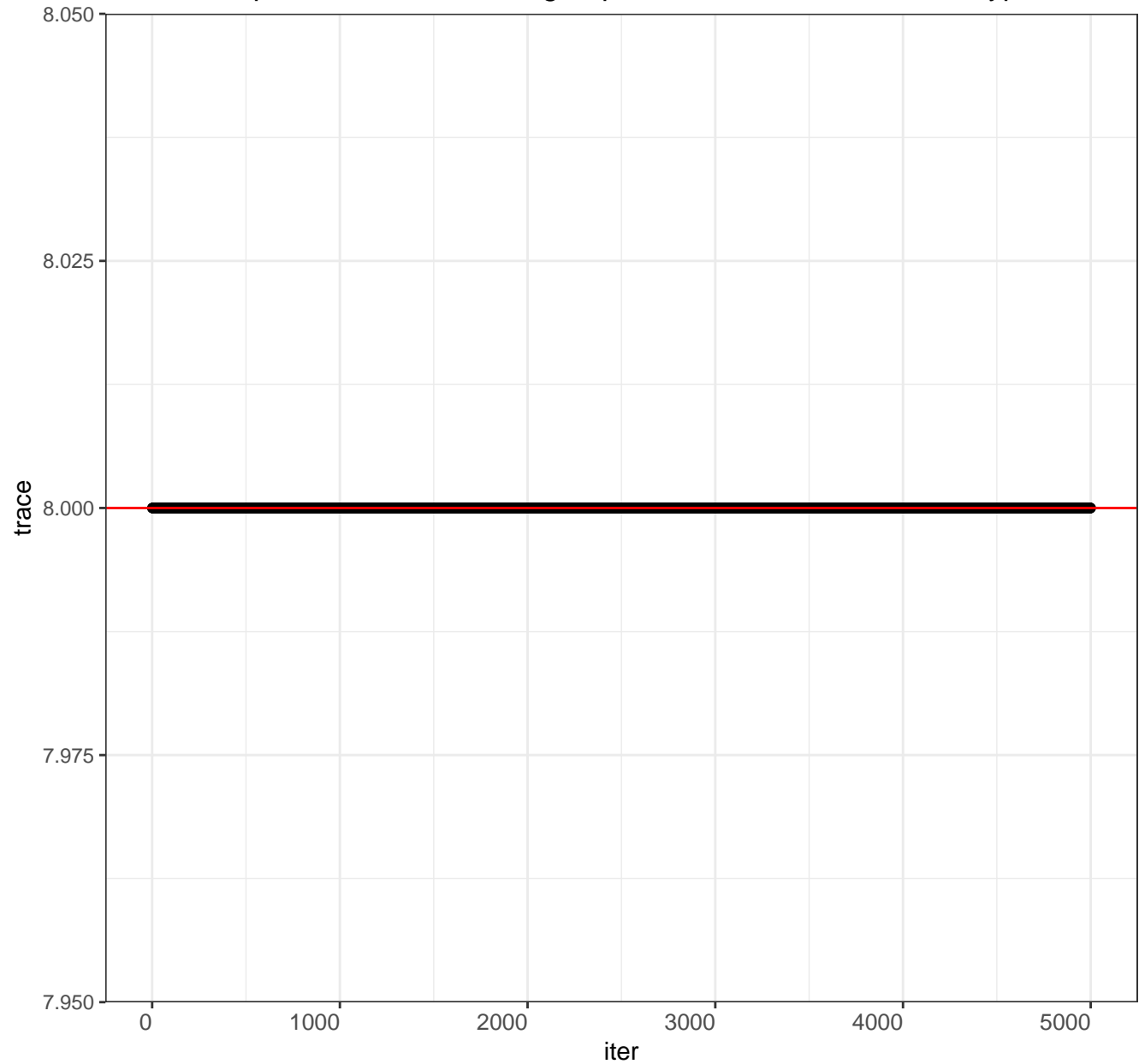




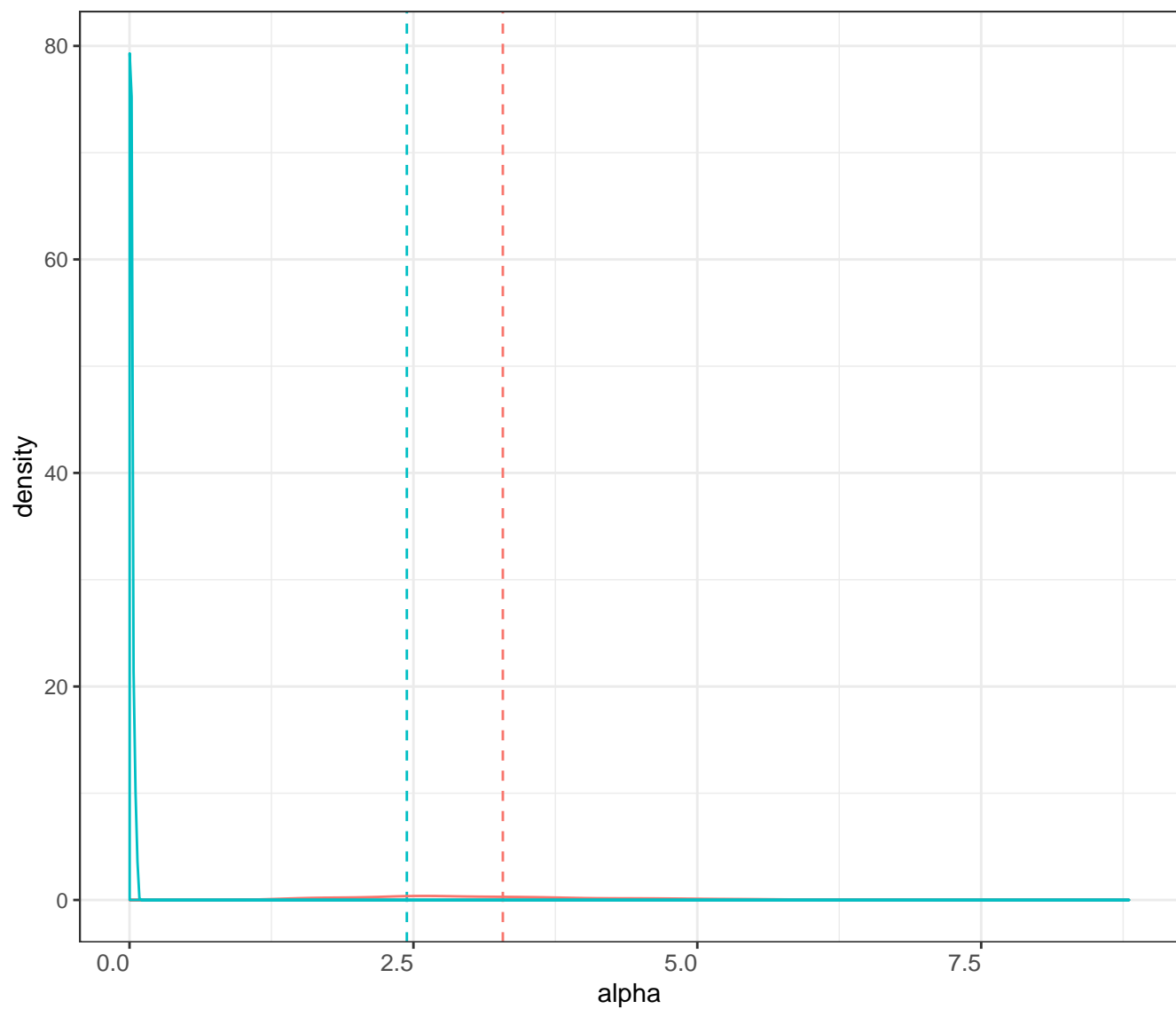
Trace plot for the number of groups K for S=50 r=15 true K=8 type=2



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

Distribution alpha: S=50 ,r=15 true gr K=8 ,type=2 ,N=50

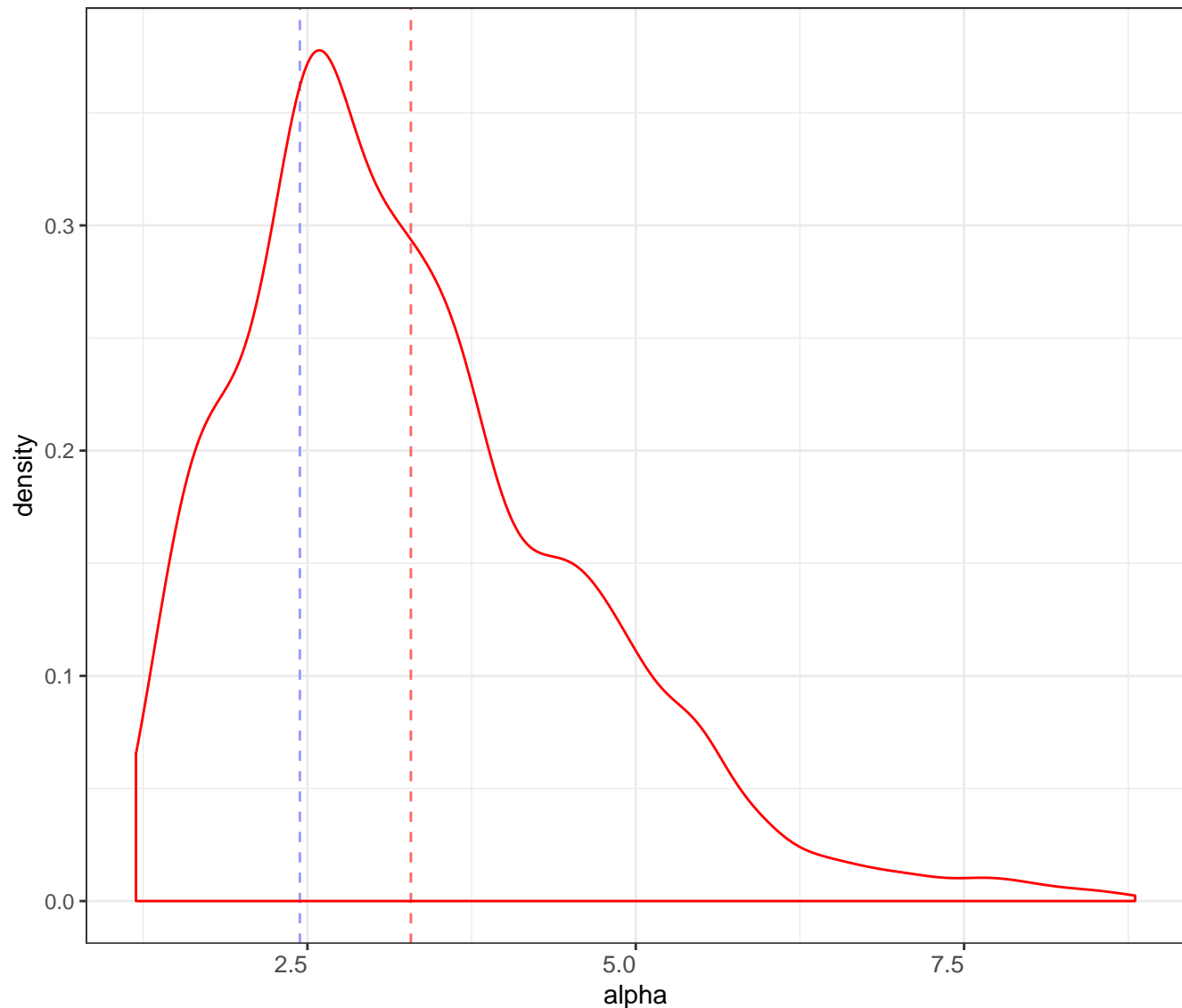
type  posterior  prior



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

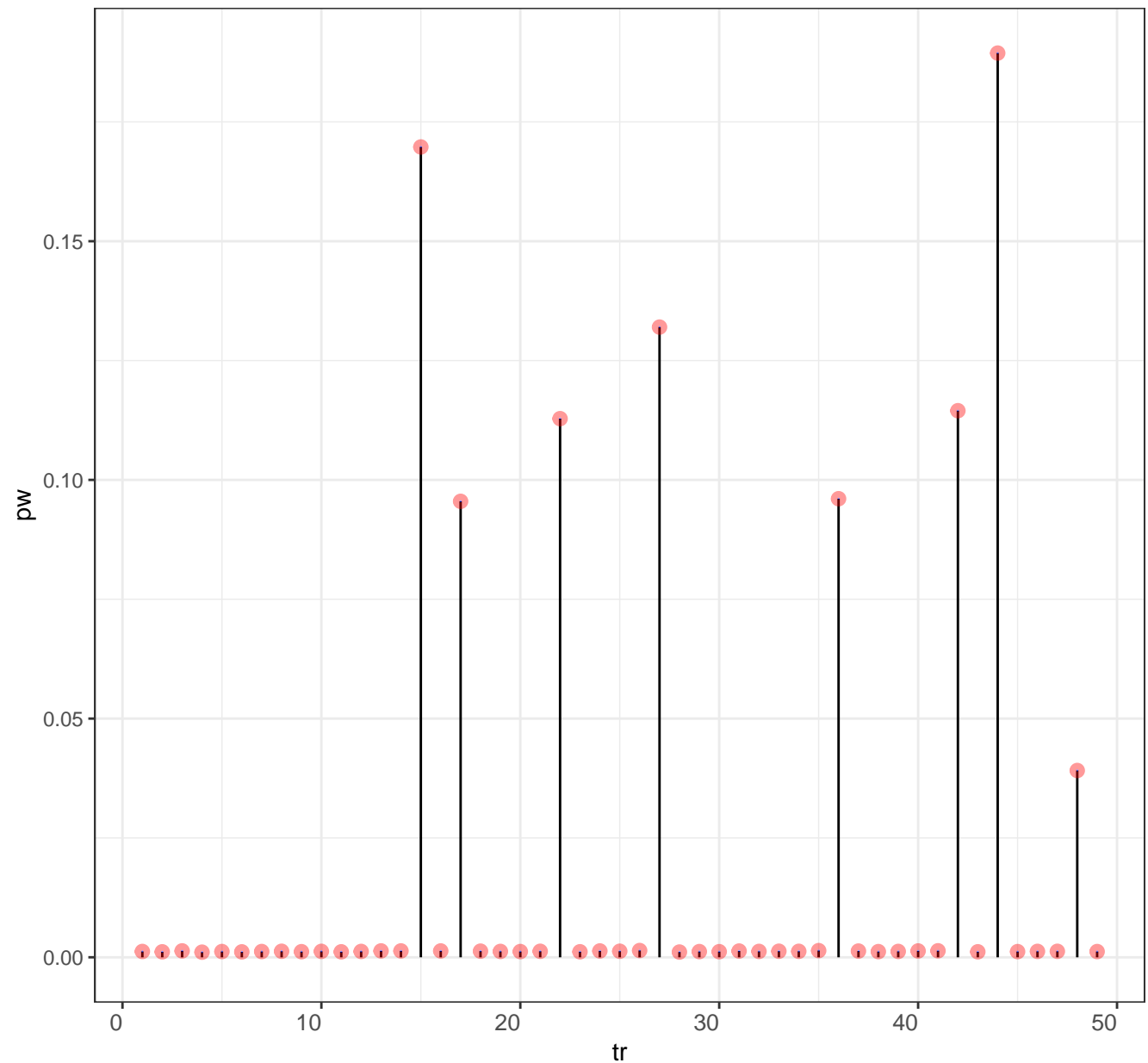
Posterior distribution for alpha

Legend posterior mean prior mean



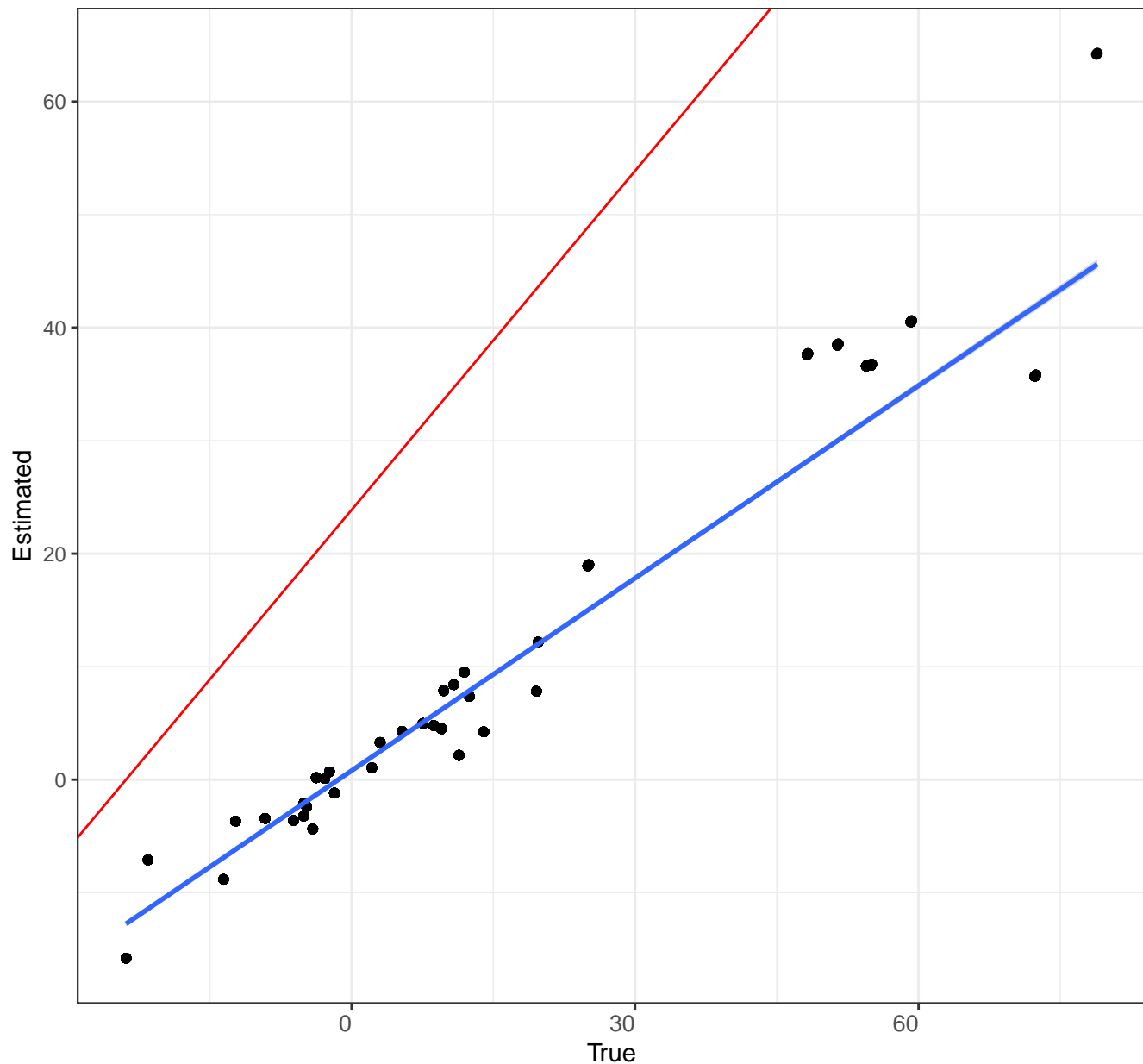
Number of iterations: 5000 burnin: 2000 number of samples: 500 S=50 ,r=15 true gr K=8 ,type=2 ,N=50

Weights for the case: $S=50$, $r=15$ true gr $K=8$,type=2 , $N=50$ $pN=0.001$



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=15 true K=8 type=2