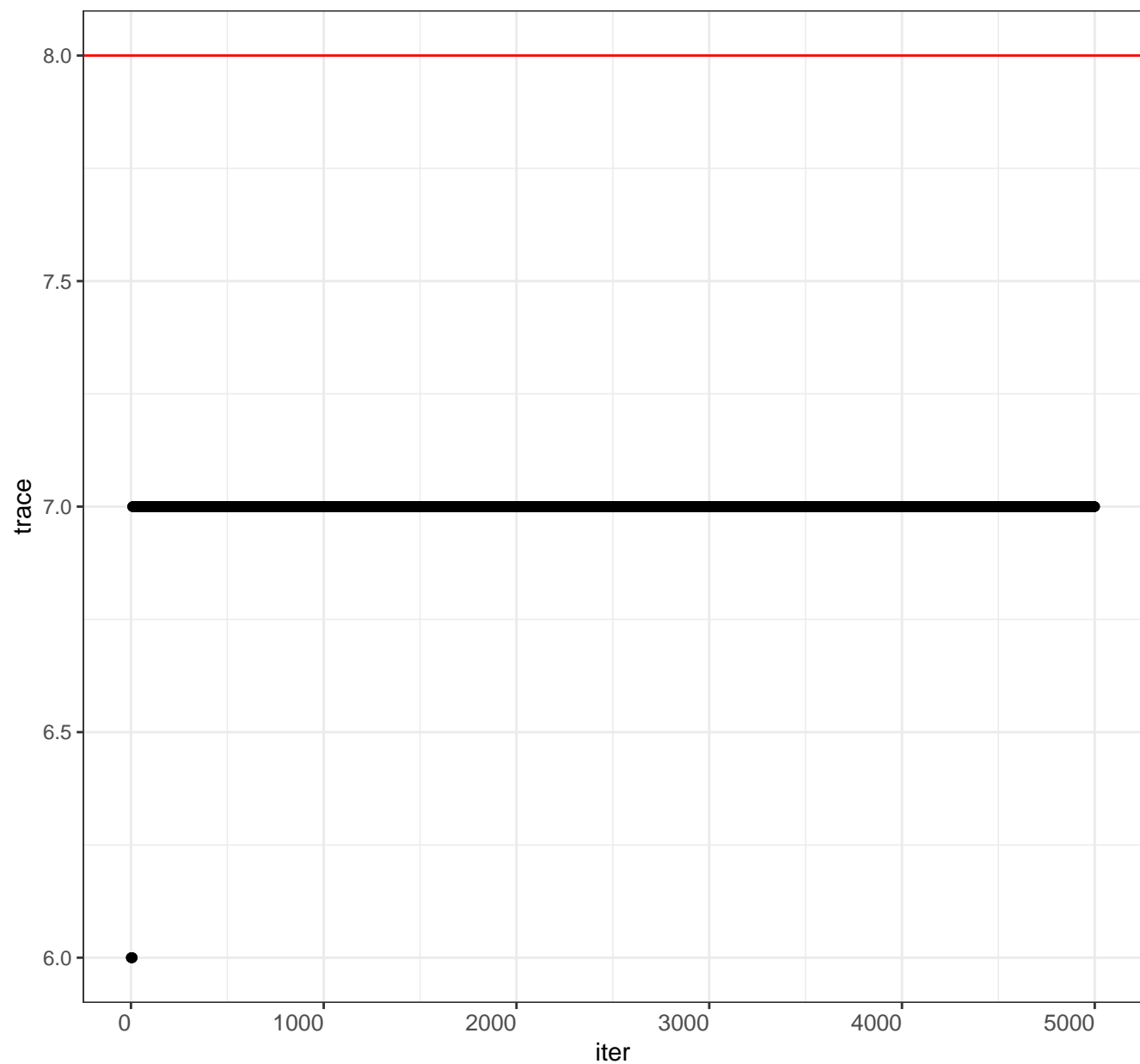


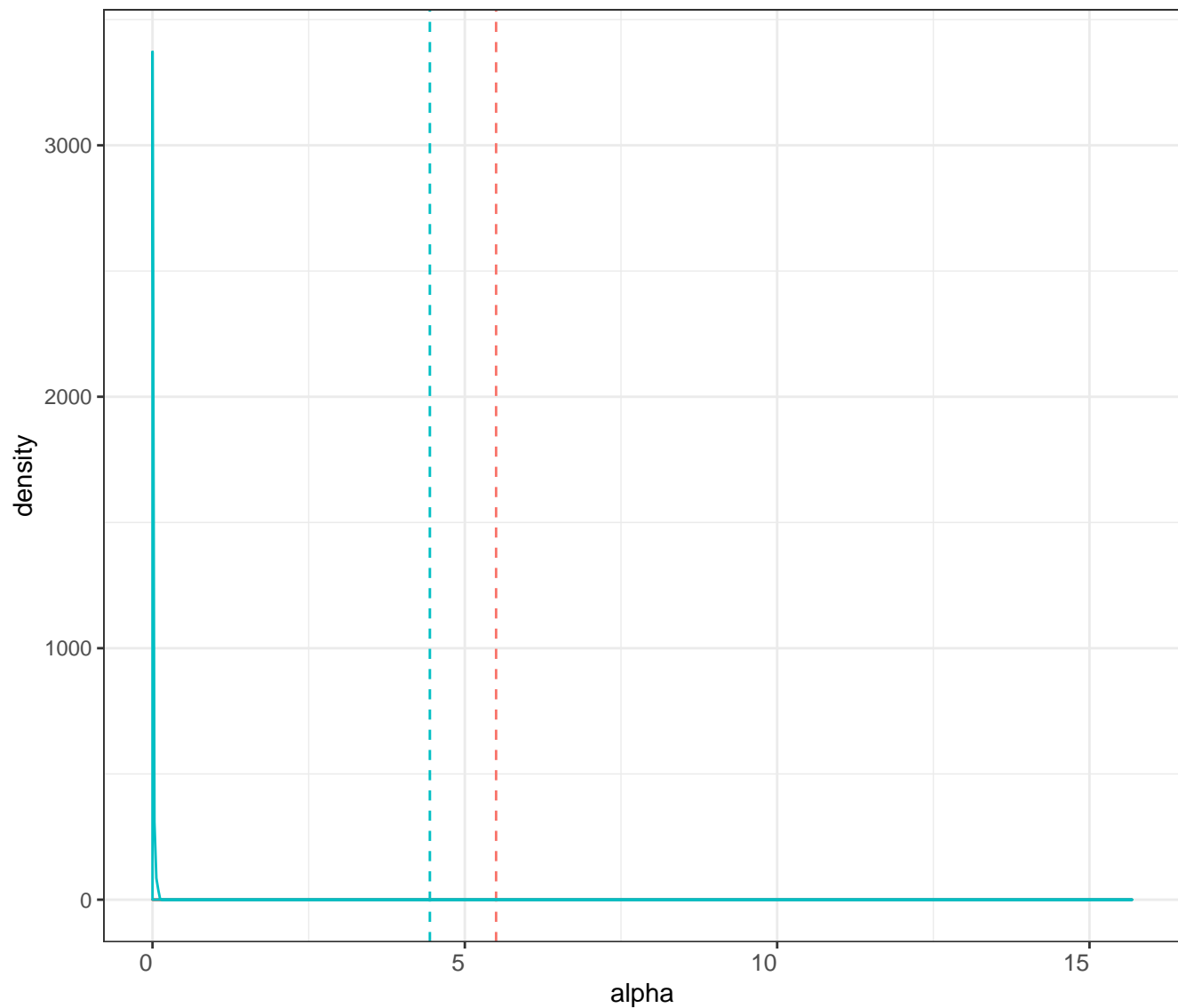
Trace plot for the number of groups K for S=20 r=5 true K=8 type=2



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

Distribution alpha: S=20 ,r=5 true gr K=8 ,type=2 ,N=20

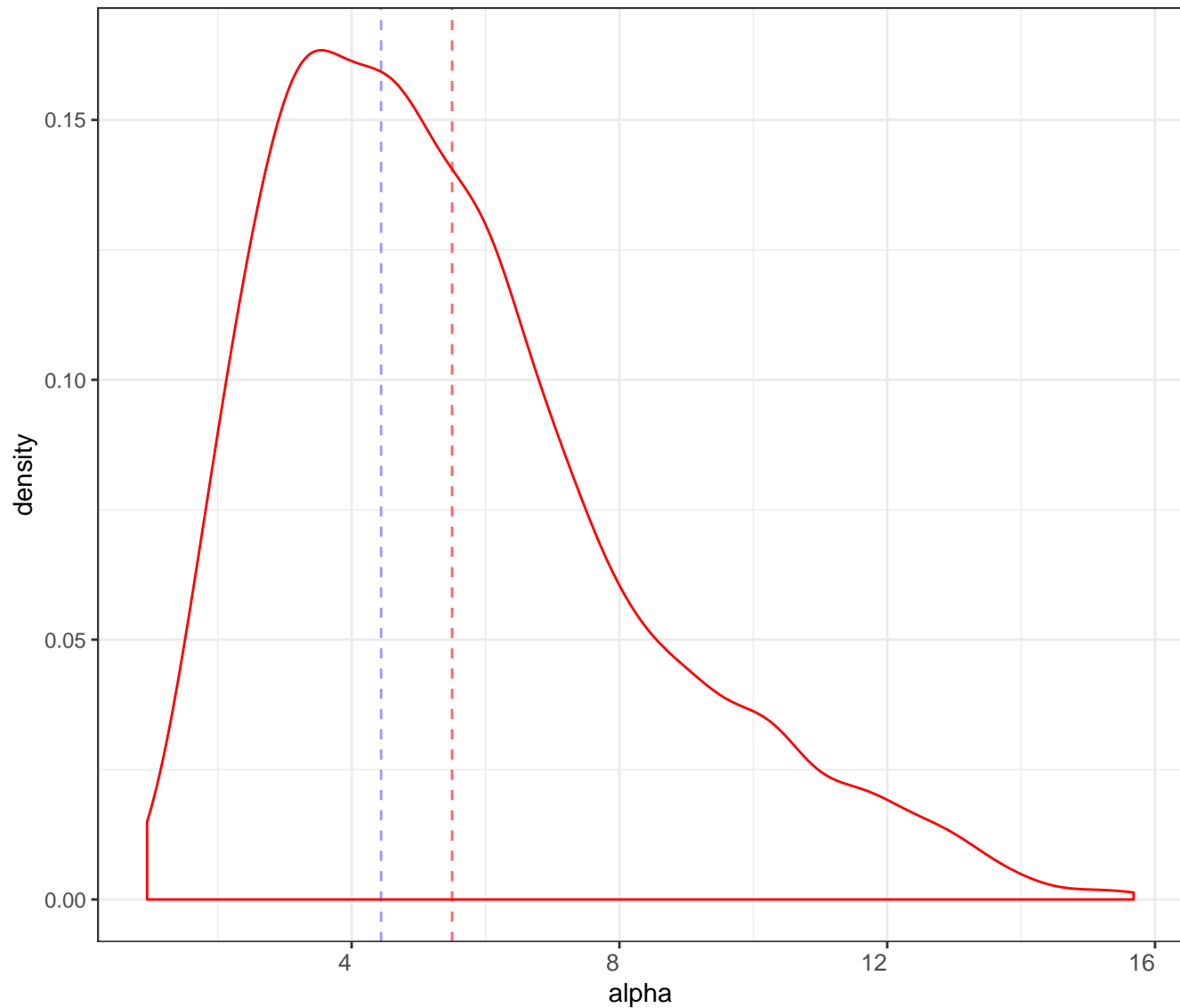
type ┆┆ posterior ┆┆ prior



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

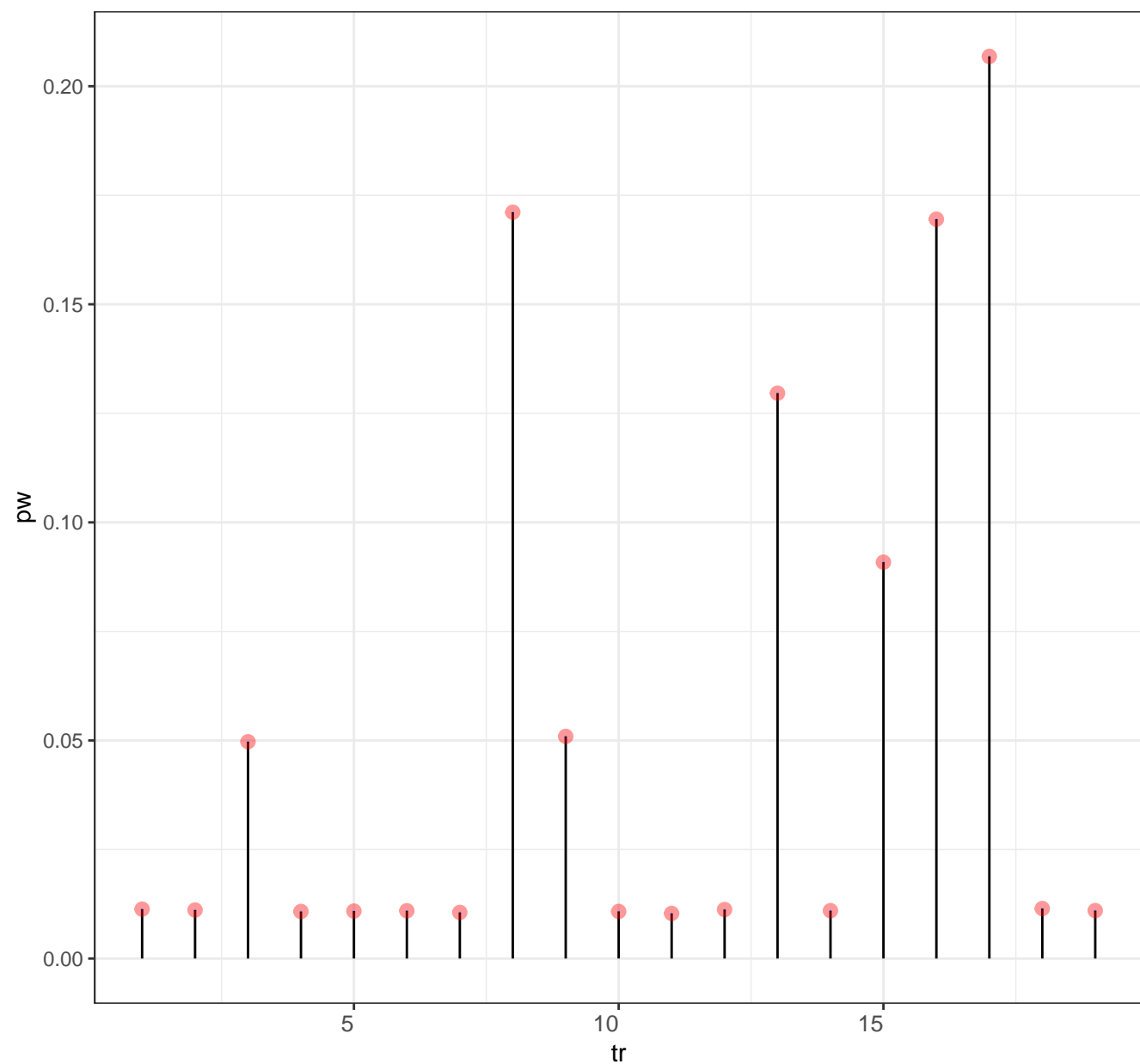
Posterior distribution for alpha

Legend posterior mean prior mean



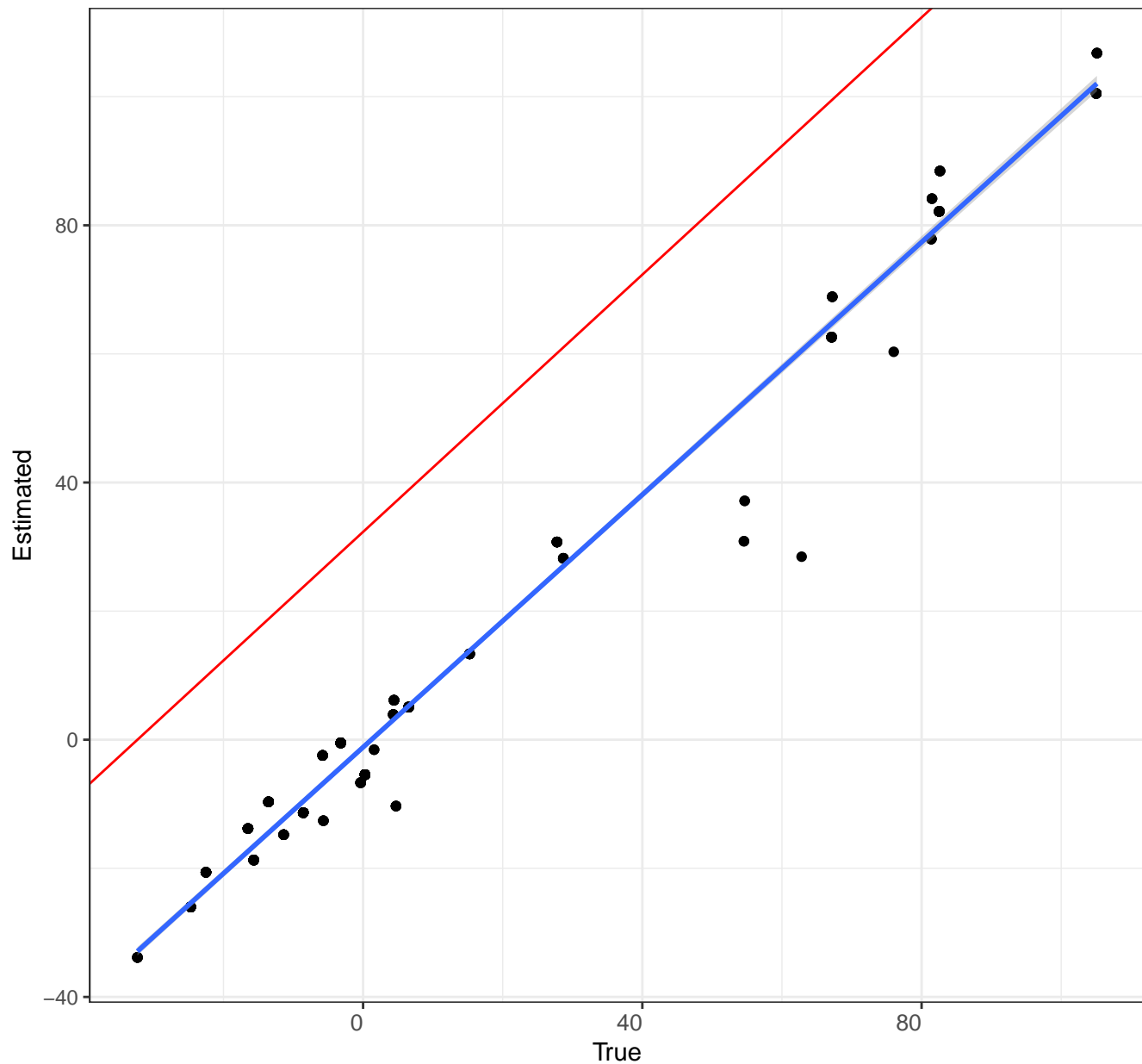
Number of iterations: 5000 burnin: 2000 number of samples: 500 S=20 ,r=5 true gr K=8 ,type=2 ,N=20

Weights for the case: $S=20$, $r=5$ true gr $K=8$,type=2 , $N=20$ $pN=0.011$



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

True vs estimated covariance parameters



Number of iterations: 5000 burnin: 2000number of samples: 500S=20 r=5 true K=8 type=2