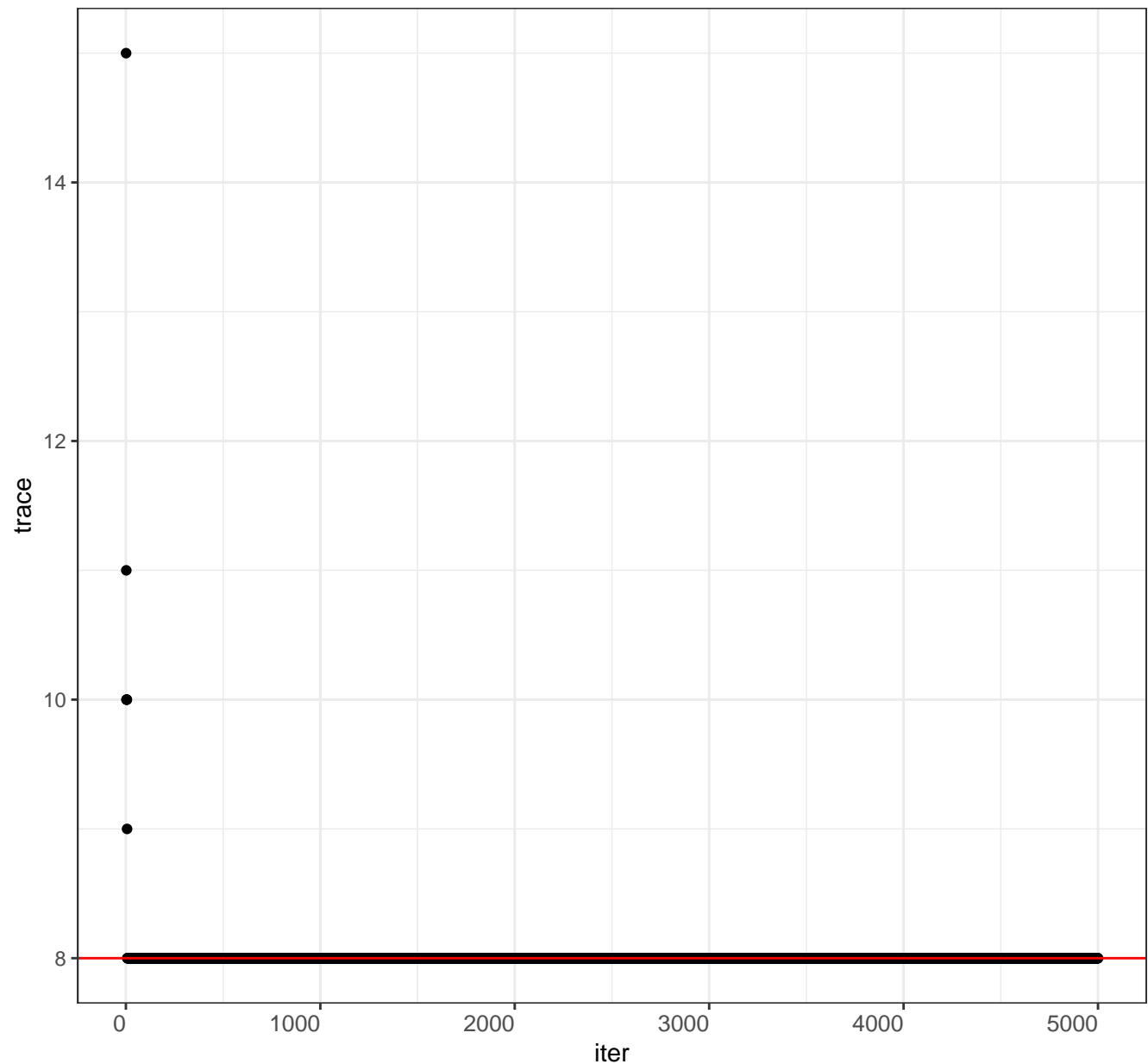


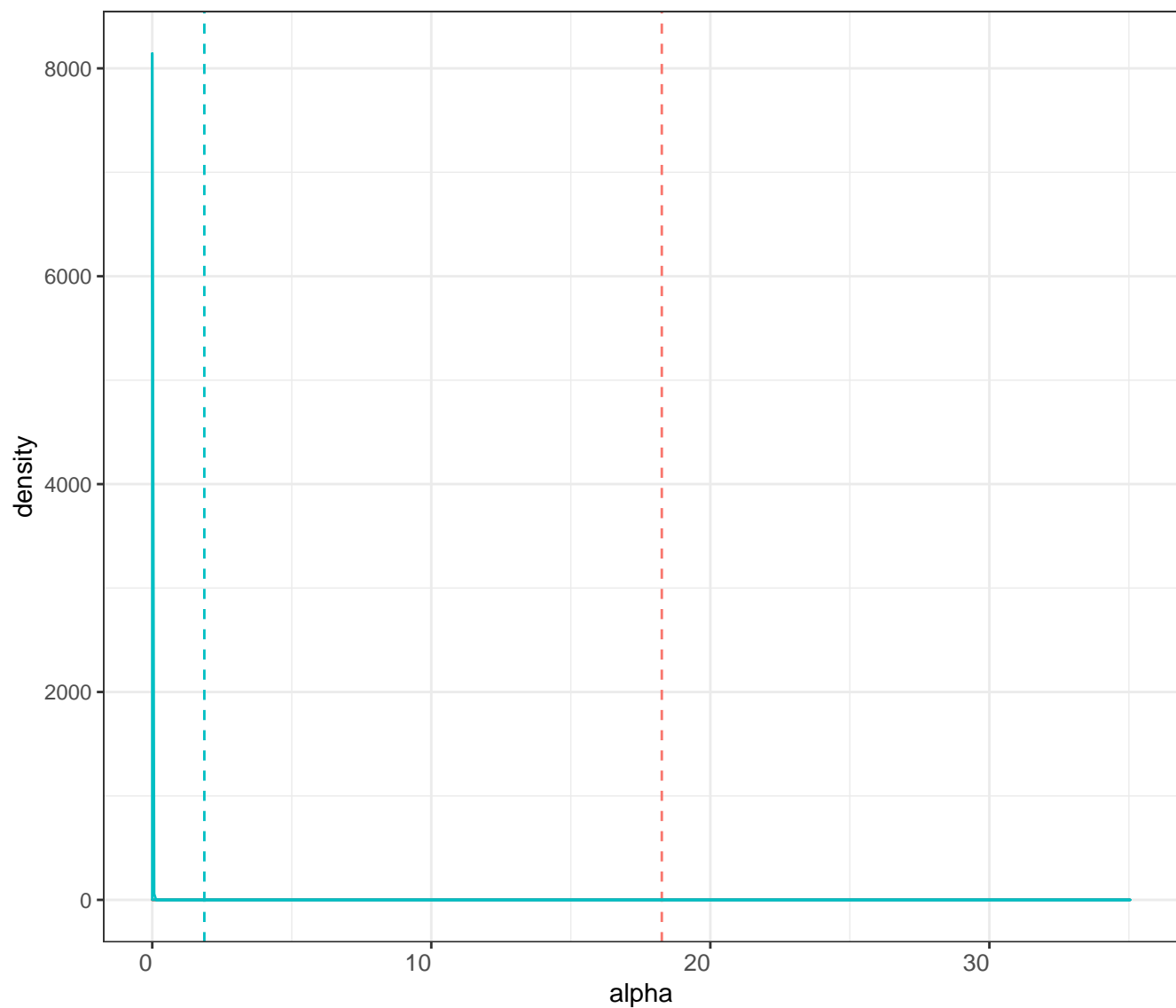
Trace plot for the number of groups K for S=100 r=5 true K=8 type=1



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

Distribution alpha: S=100 ,r=5 true gr K=8 ,type=1 ,N=150

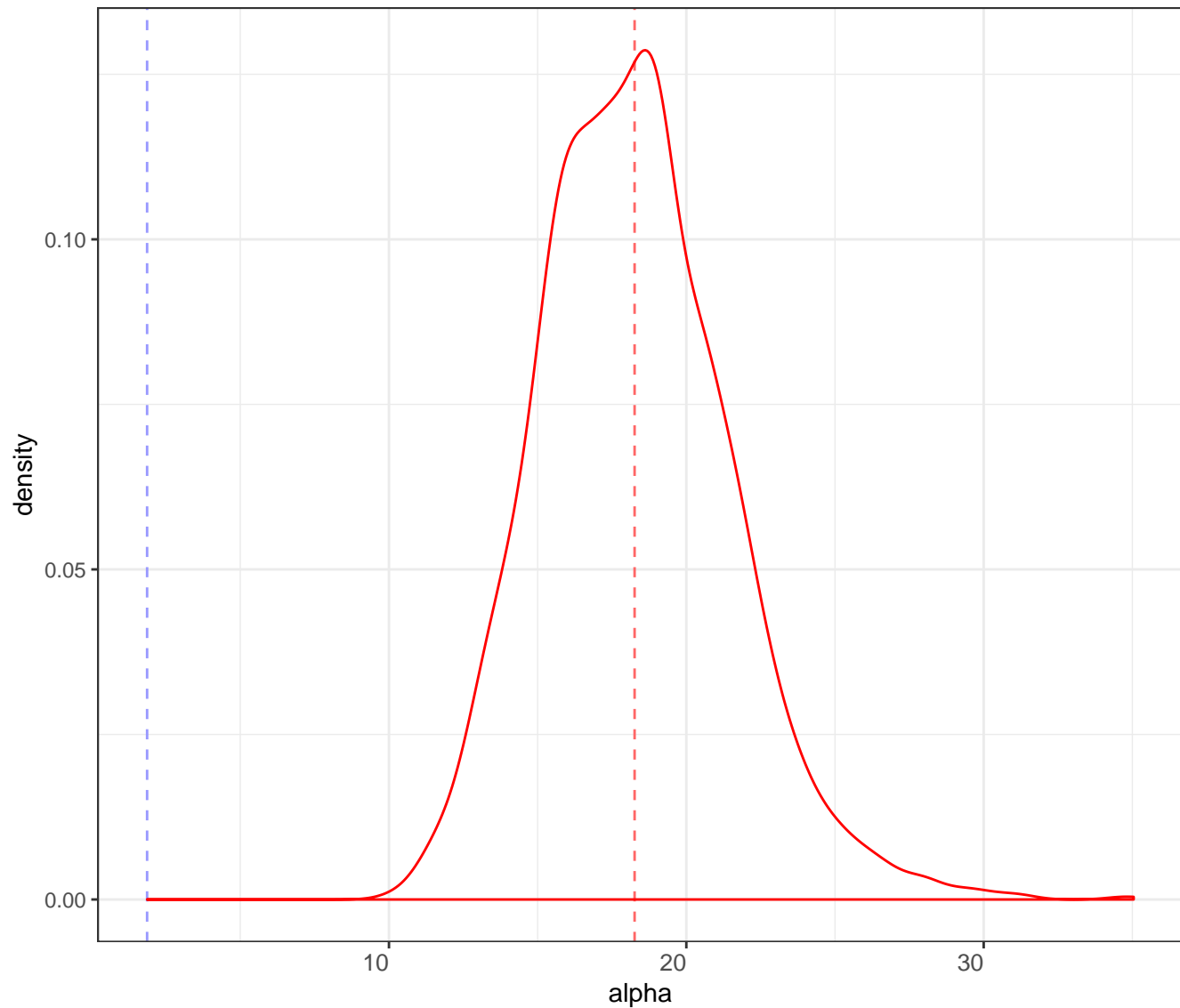
type ┆┆┆ posterior ┆┆┆ prior



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

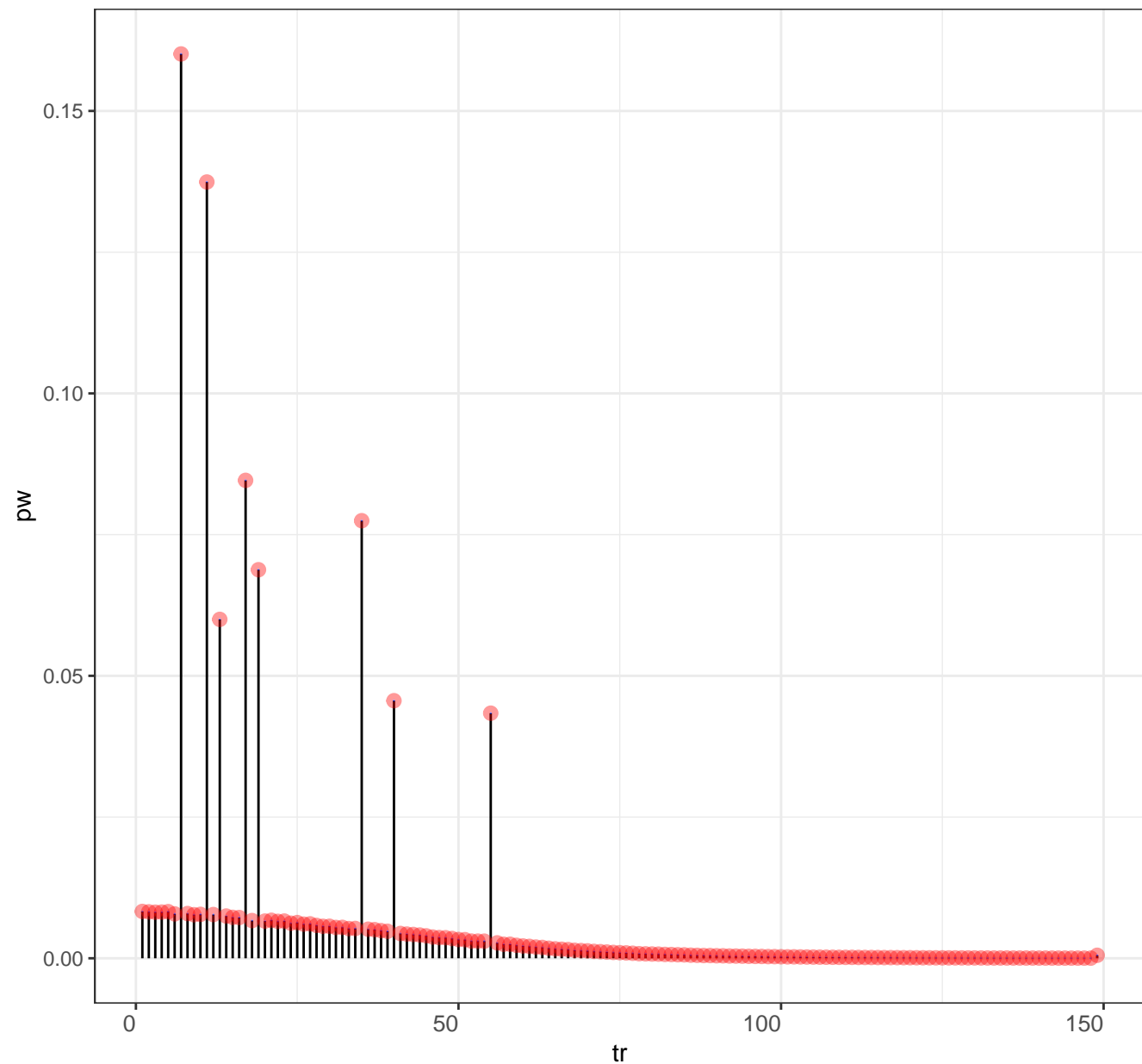
Posterior distribution for alpha

Legend posterior mean prior mean



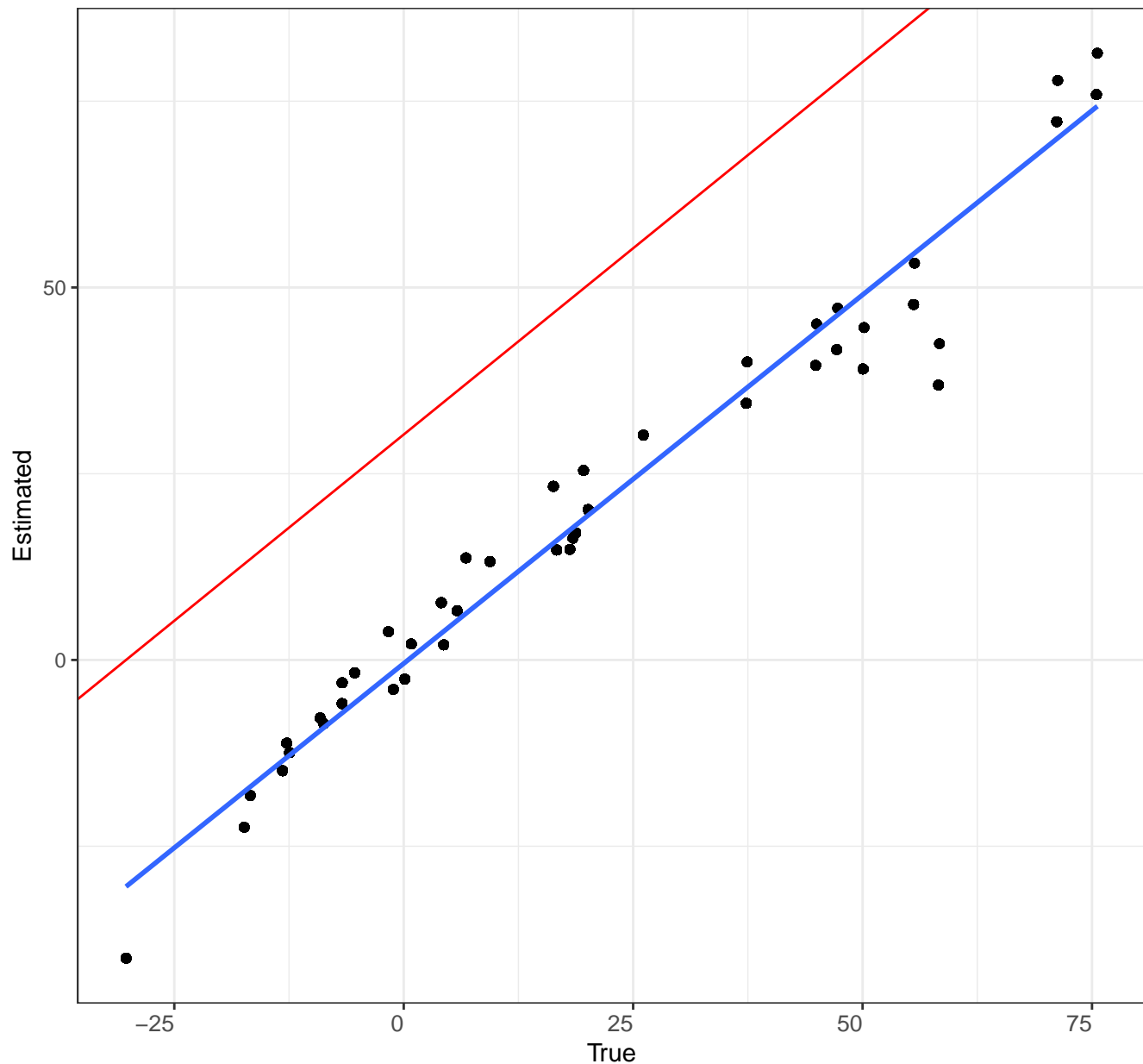
Number of iterations: 5000 burnin: 2000 number of samples: 500 S=100 ,r=5 true gr K=8 ,type=1 ,N=150

Weights for the case: $S=100$, $r=5$ true gr $K=8$,type=1 , $N=150$ $pN=0.001$



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

True vs estimated covariance parameters



Number of iterations: 5000 burnin: 2000number of samples: 500S=100 r=5 true K=8 type=1