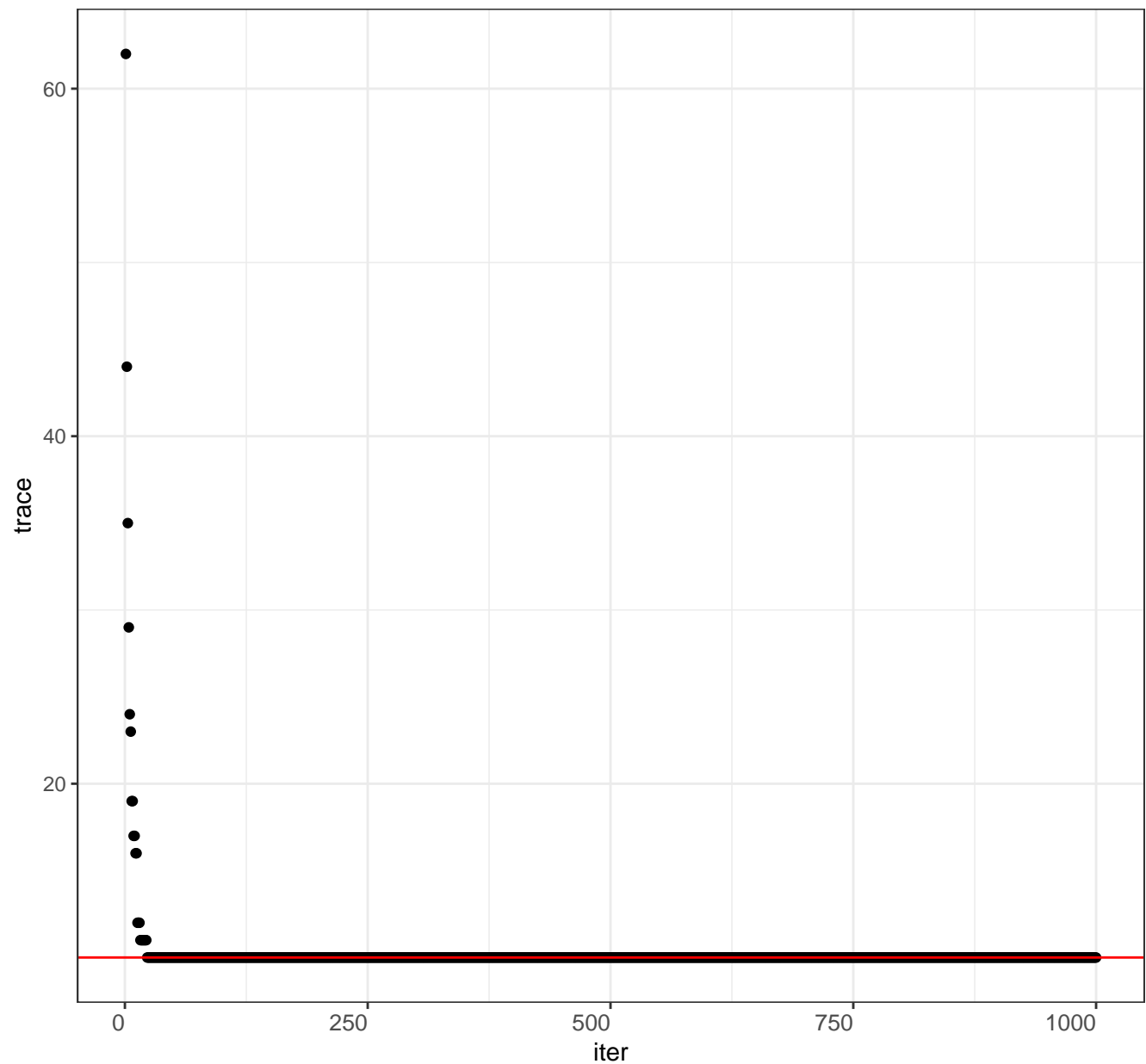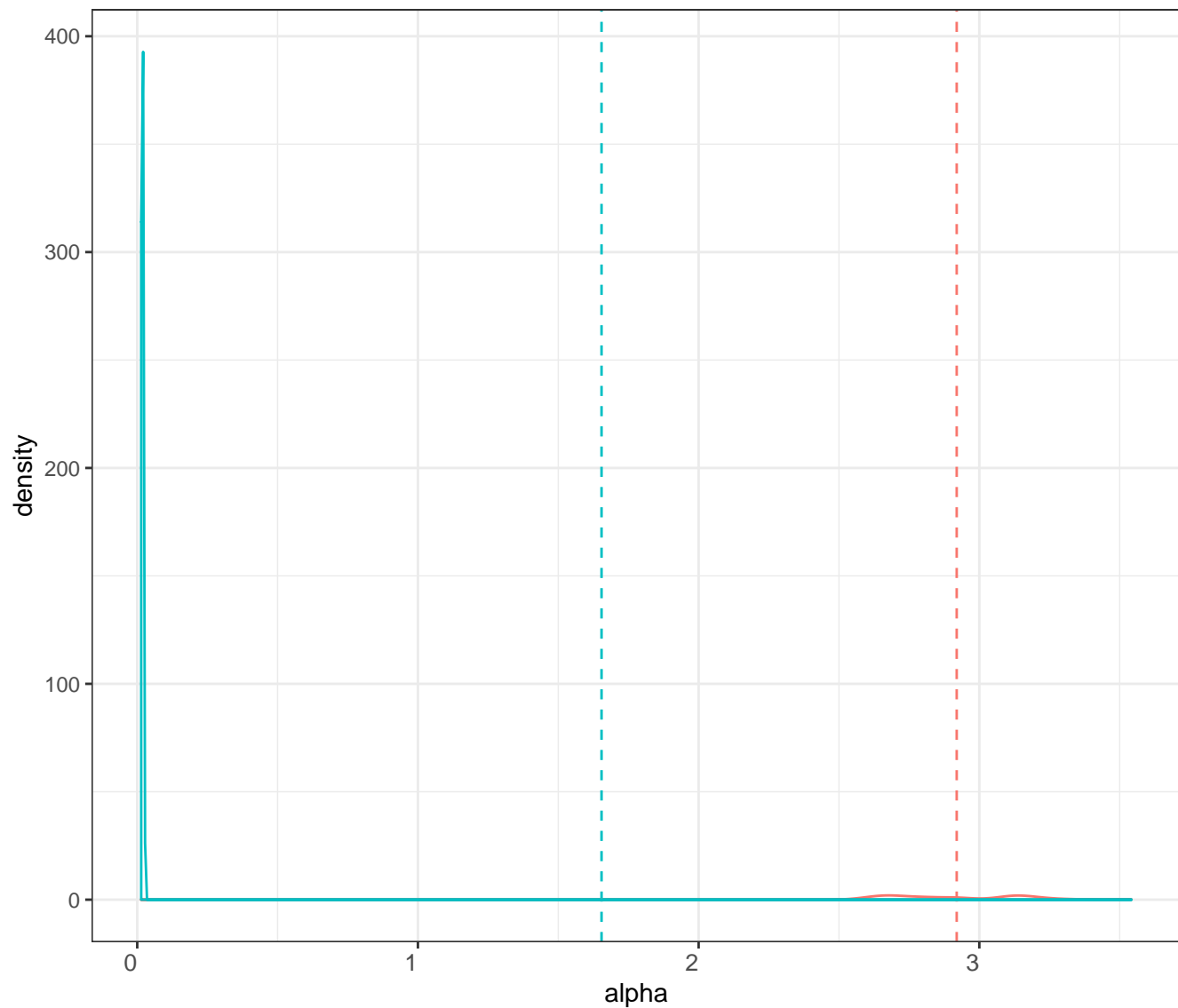Trace plot for the number of groups K for S=500 r=5 true K=10 type=2

Number of iterations: 1000 burnin: 200number of samples: 500

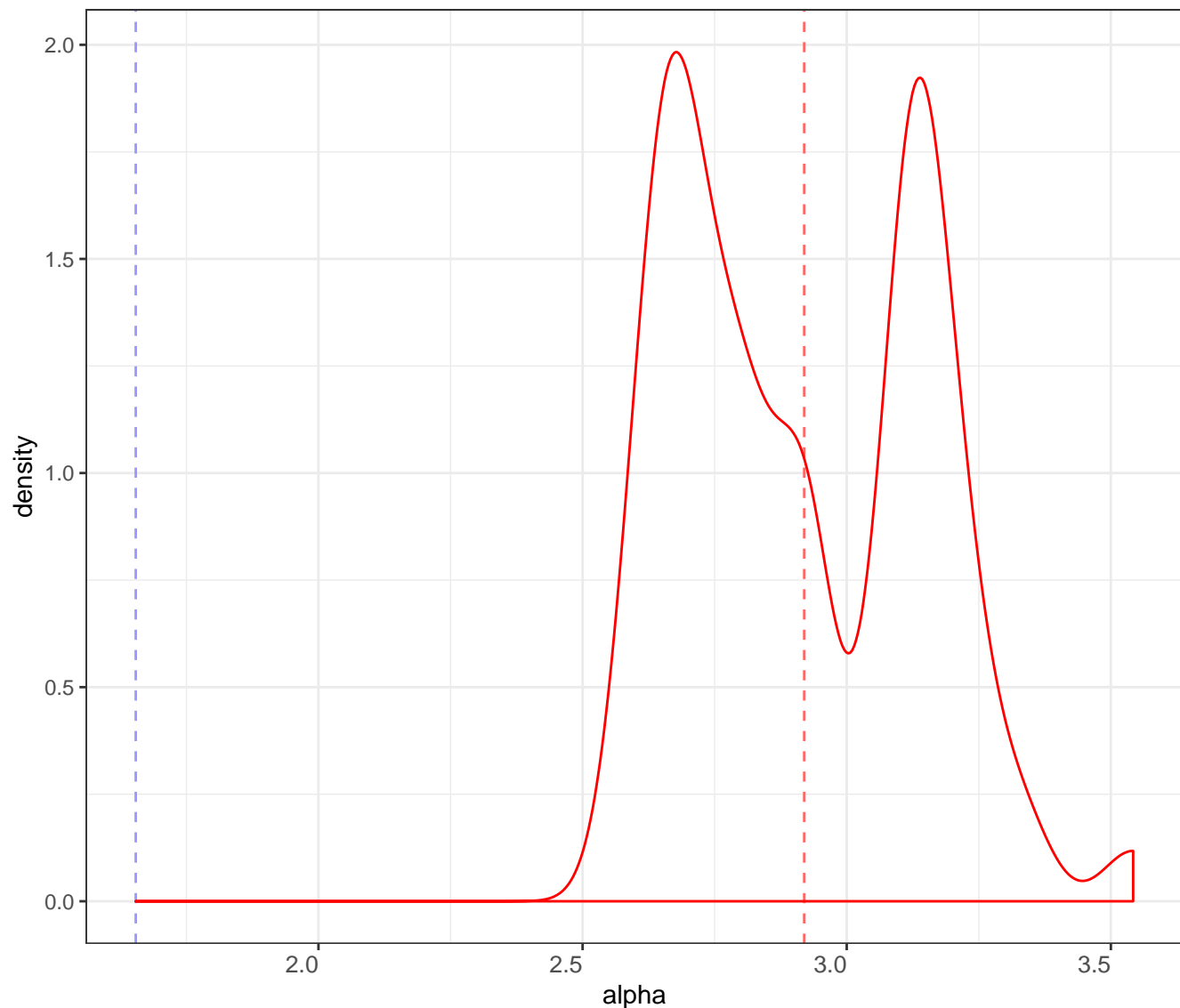Distribution alpha: S=500 ,r=5 true gr K=10 ,type=2 ,N=500

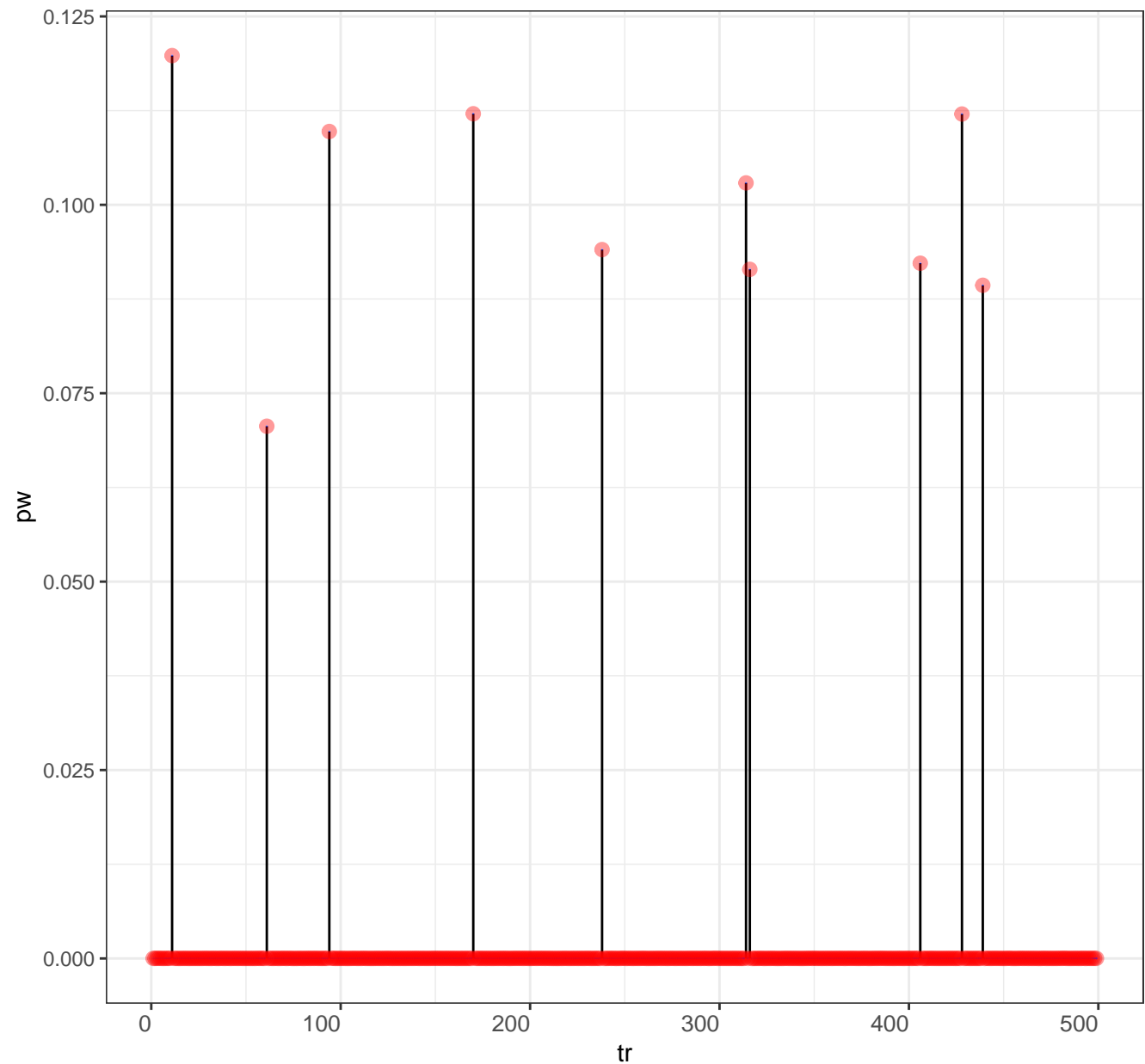Number of iterations: 1000 burnin: 200 number of samples: 500

Posterior distribution for alpha

Legend — posterior mean — prior mean
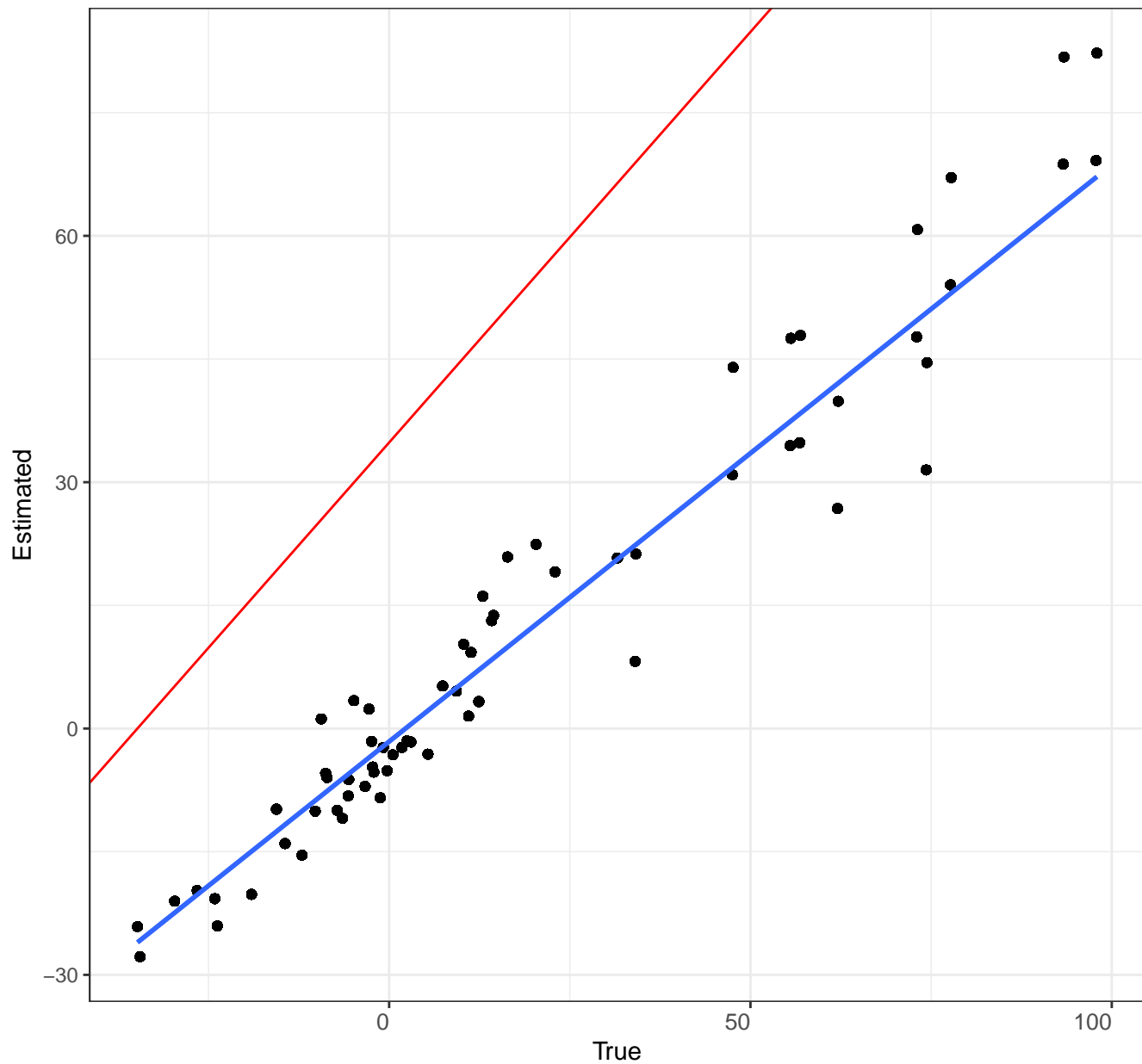
Number of iterations: 1000 burnin: 200 number of samples: 500 S=500 ,r=5 true gr K=10 ,type=2 ,N=500

Weights for the case: S=500 ,r=5 true gr K=10 ,type=2 ,N=500 pN=0

Number of iterations: 1000 burnin: 200 number of samples: 500

True vs estimated covariance parameters

Number of iterations: 1000 burnin: 200number of samples: 500S=500 r=5 true K=10 type=2