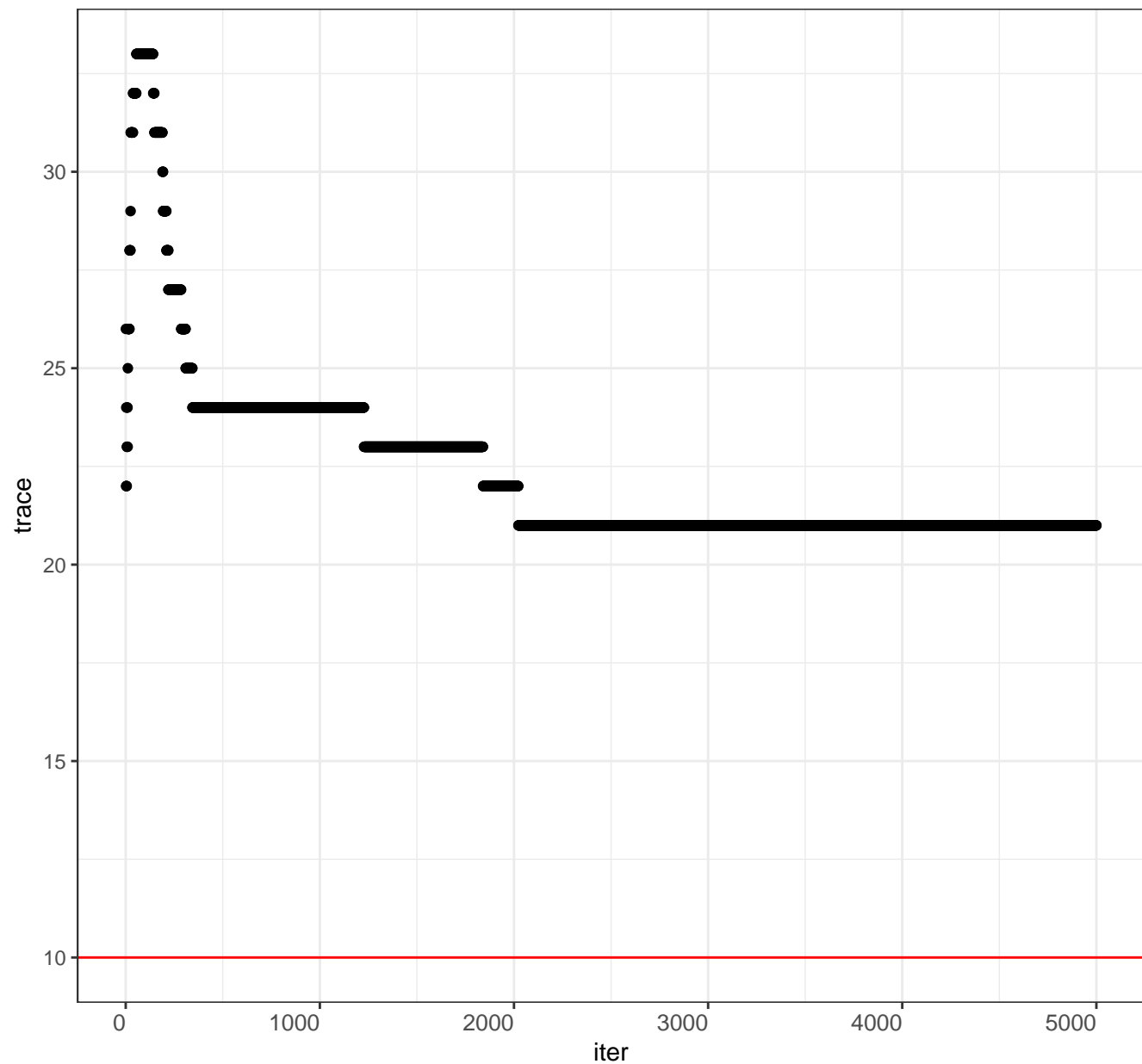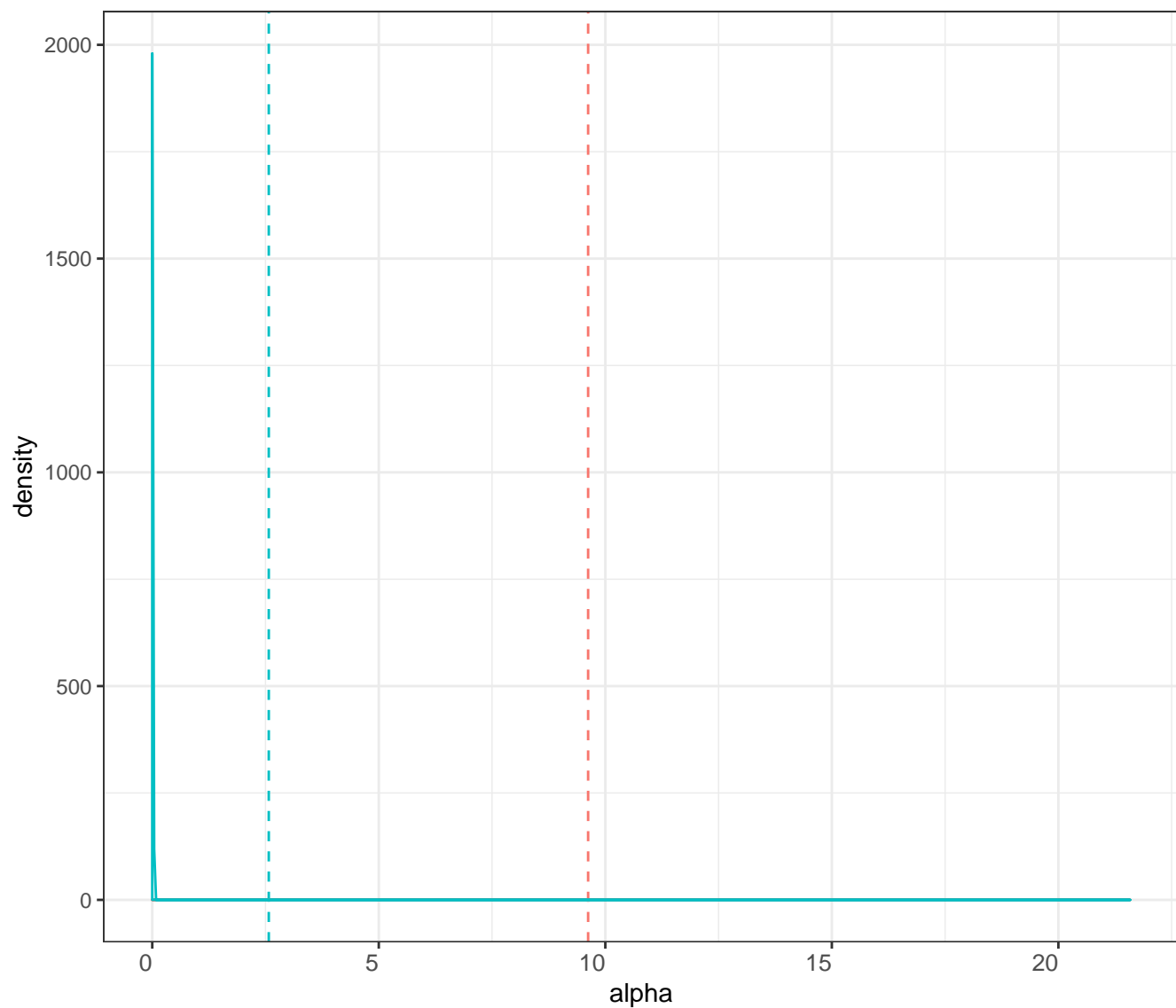Trace plot for the number of groups K for S=100 r=5 true K=10 type=2

Number of iterations: 5000 burnin: 200number of samples: 500

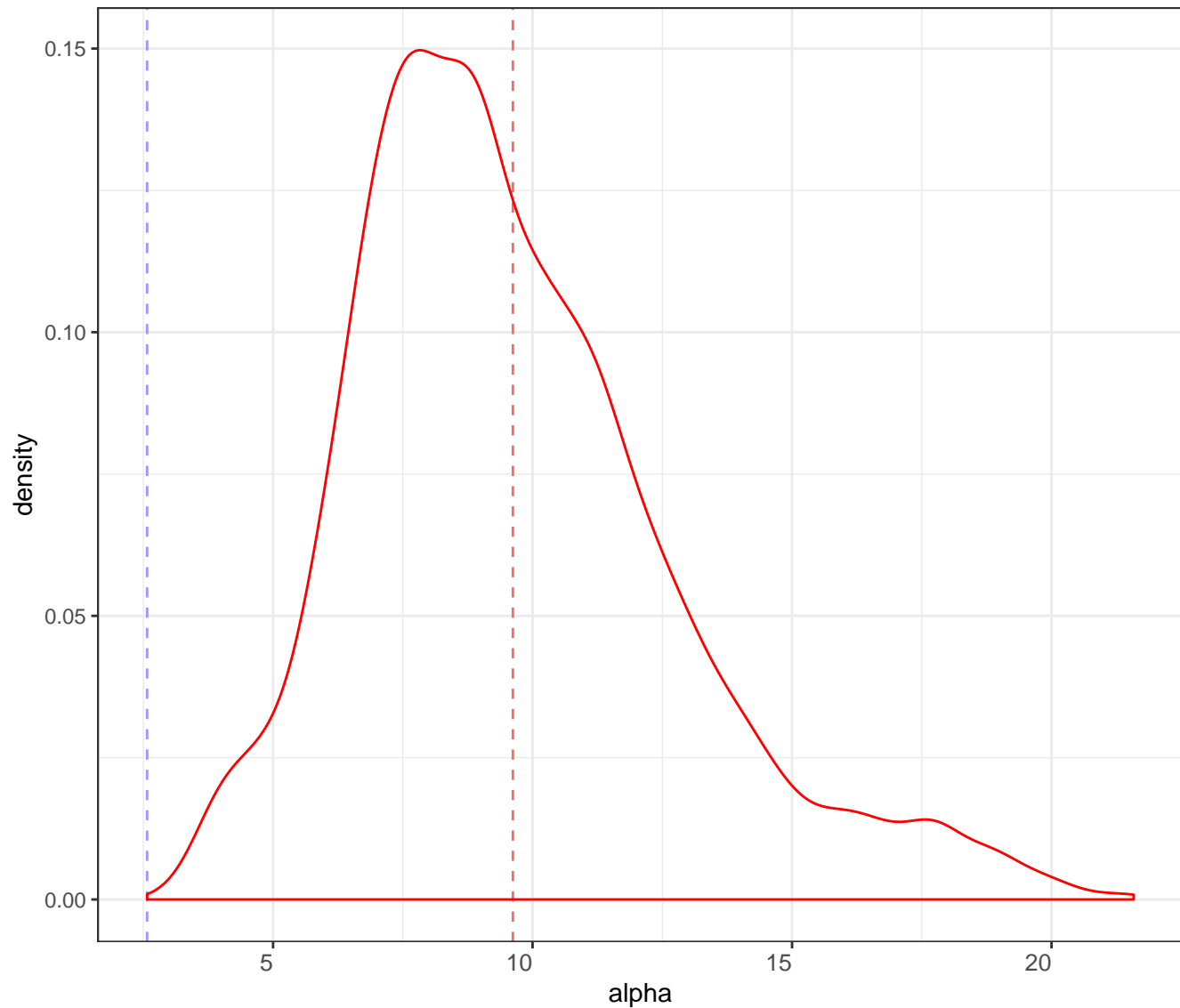Distribution alpha: S=100 ,r=5 true gr K=10 ,type=2 ,N=100

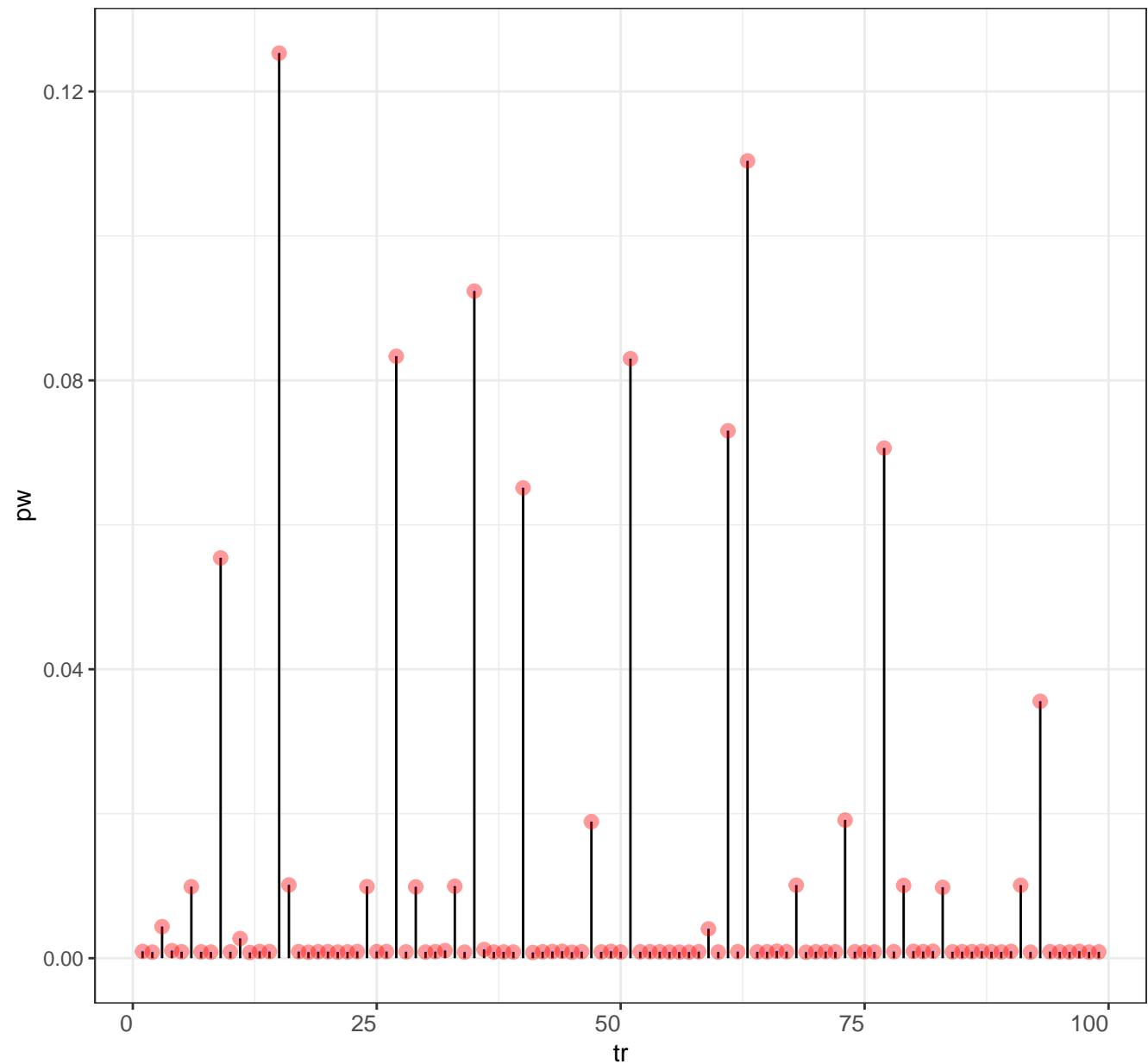Number of iterations: 5000 burnin: 200 number of samples: 500

Posterior distribution for alpha

Legend · · · posterior mean · · · prior mean
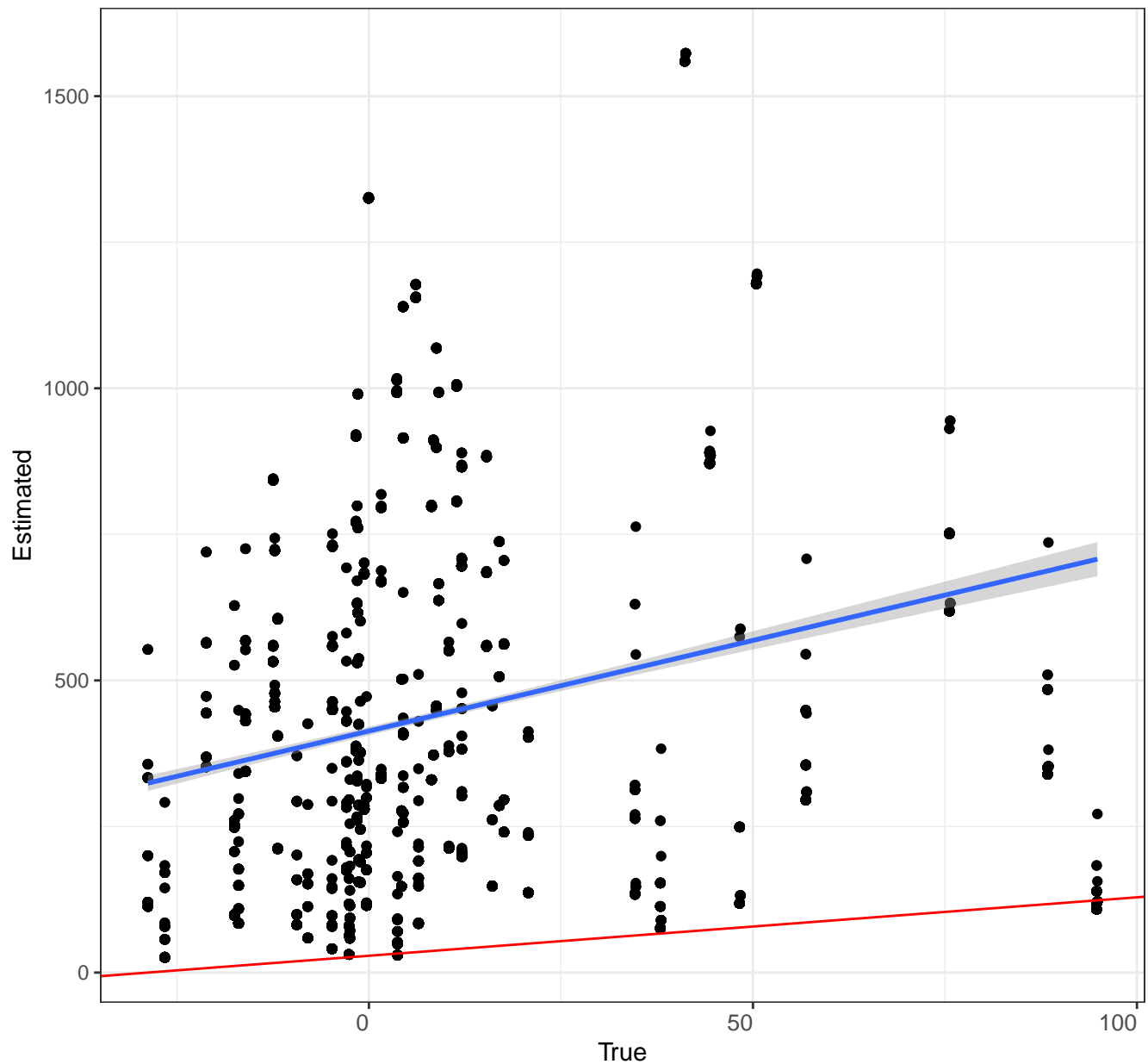
Number of iterations: 5000 burnin: 200 number of samples: 500 S=100 ,r=5 true gr K=10 ,type=2 ,N=100

Weights for the case: S=100 ,r=5 true gr K=10 ,type=2 ,N=100 pN=0.001

Number of iterations: 5000 burnin: 200 number of samples: 500

True vs estimated covariance parameters

Number of iterations: 5000 burnin: 200number of samples: 500S=100 r=5 true K=10 type=2