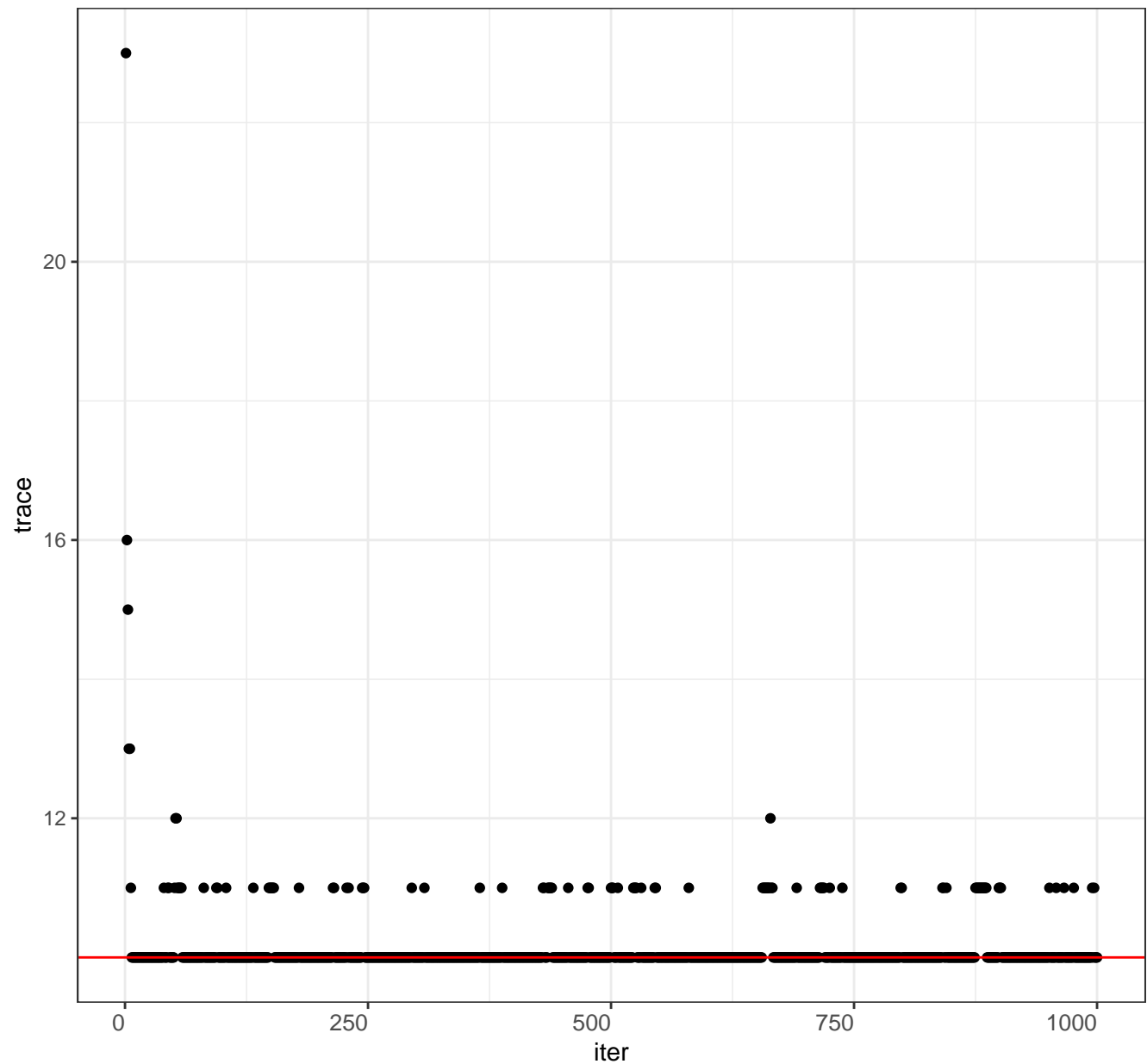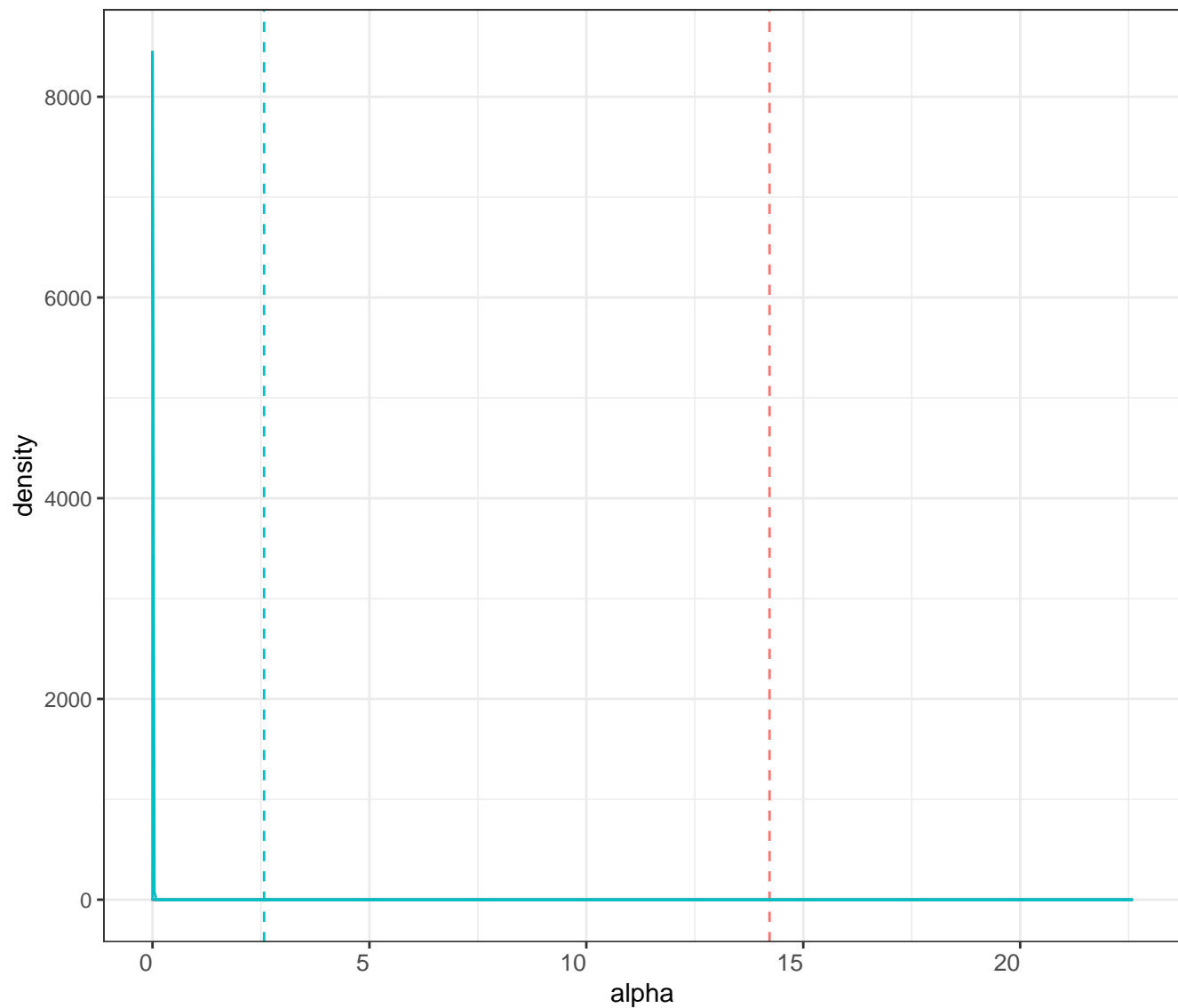Trace plot for the number of groups K for S=100 r=3 true K=10 type=1

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

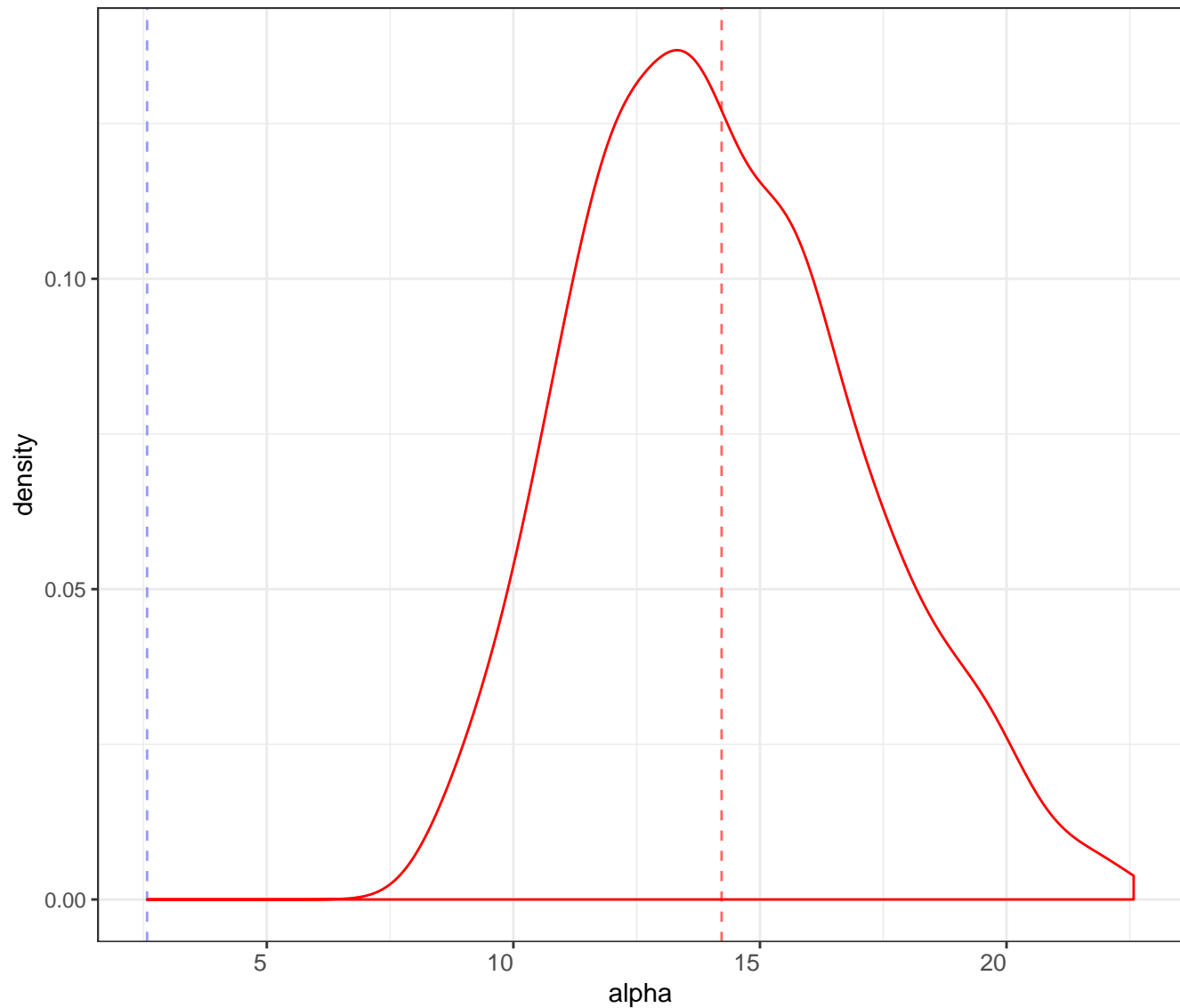Distribution alpha: S=100 ,r=3 true gr K=10 ,type=1 ,N=150

type | posterior | prior

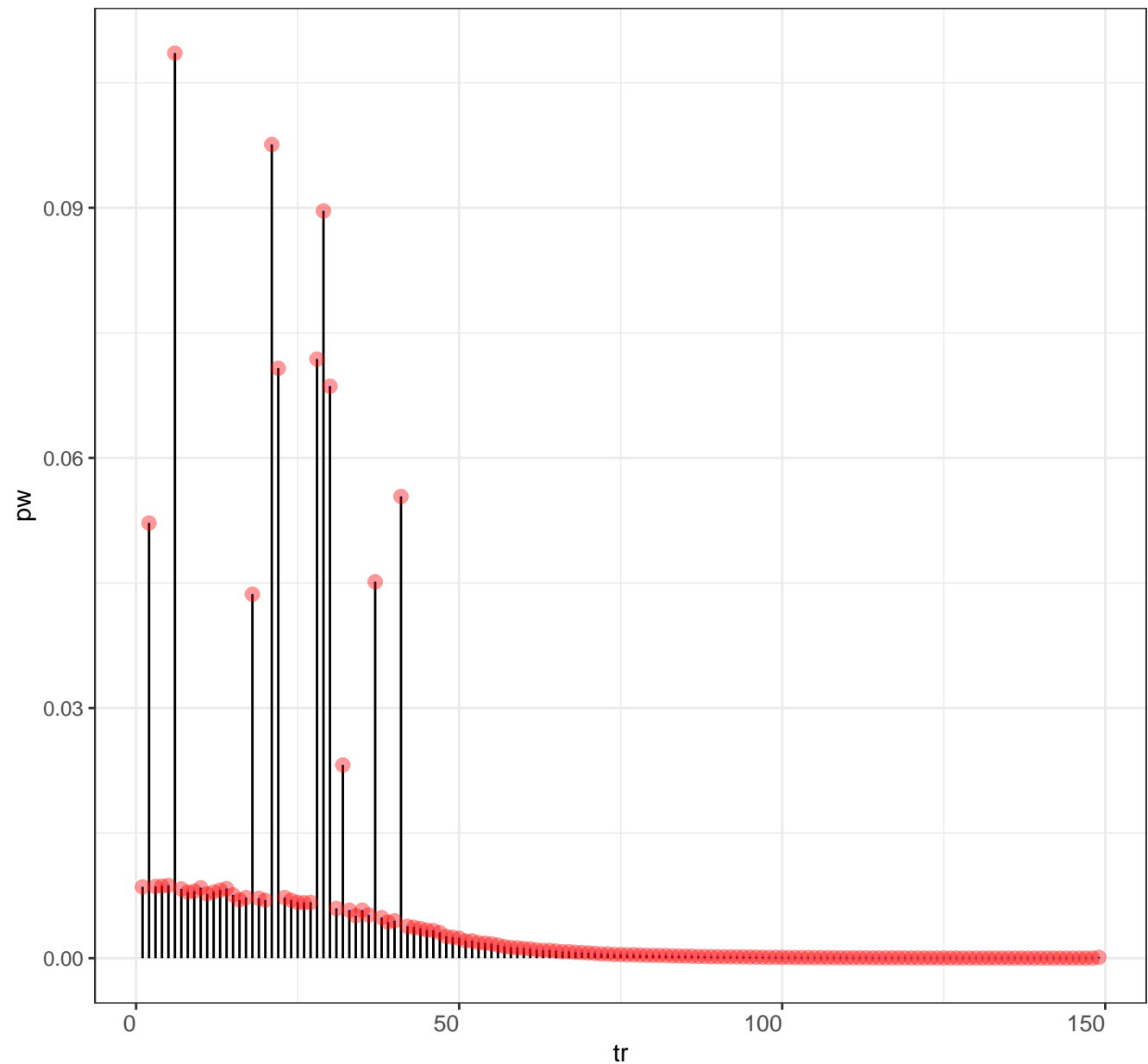Number of iterations: 1000 burnin: 200 number of samples: 500

Posterior distribution for alpha
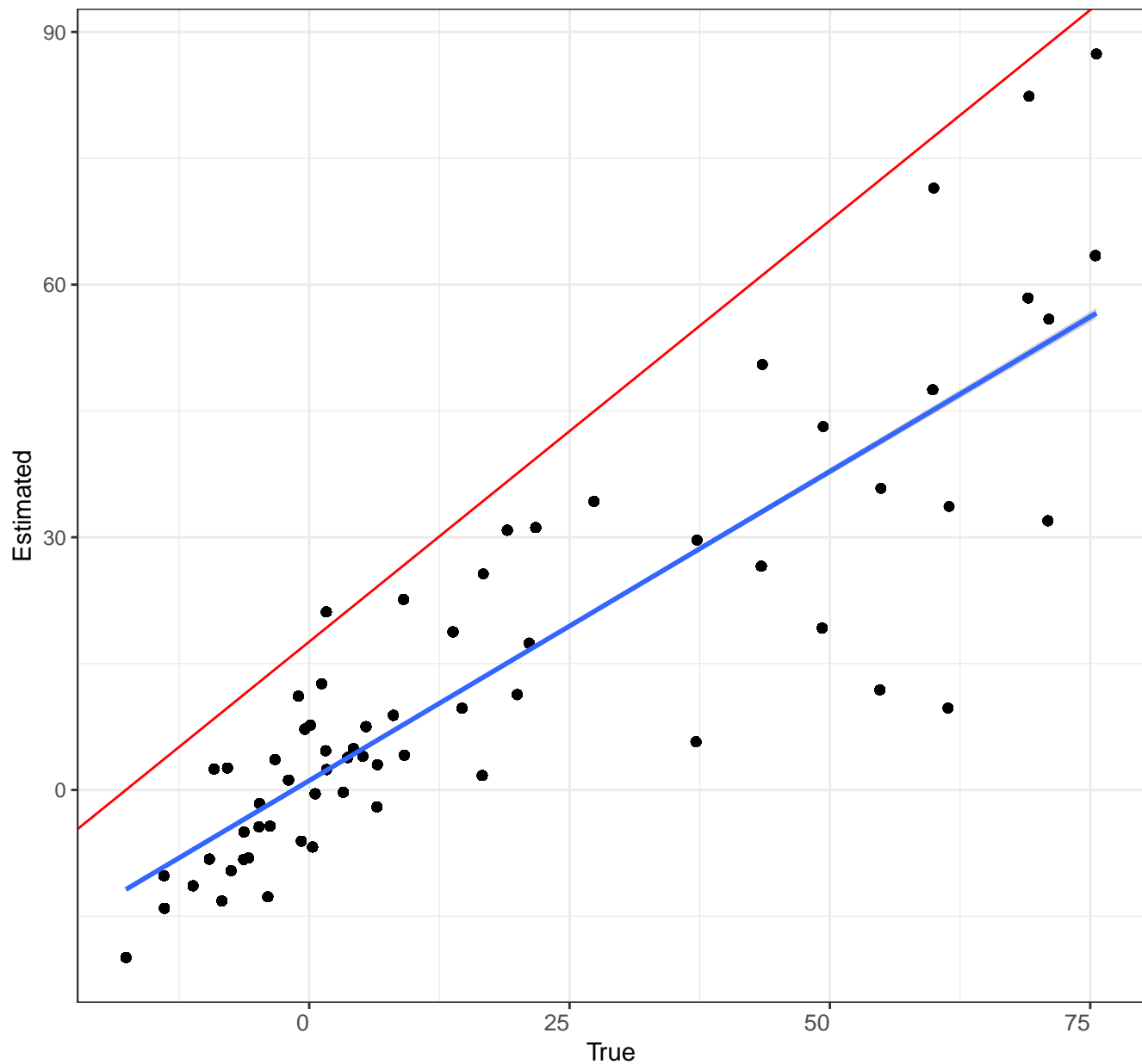
Number of iterations: 1000 burnin: 200 number of samples: 500 S=100 ,r=3 true gr K=10 ,type=1 ,N=150

Weights for the case: S=100 ,r=3 true gr K=10 ,type=1 ,N=150 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=100 r=3 true K=10 type=1