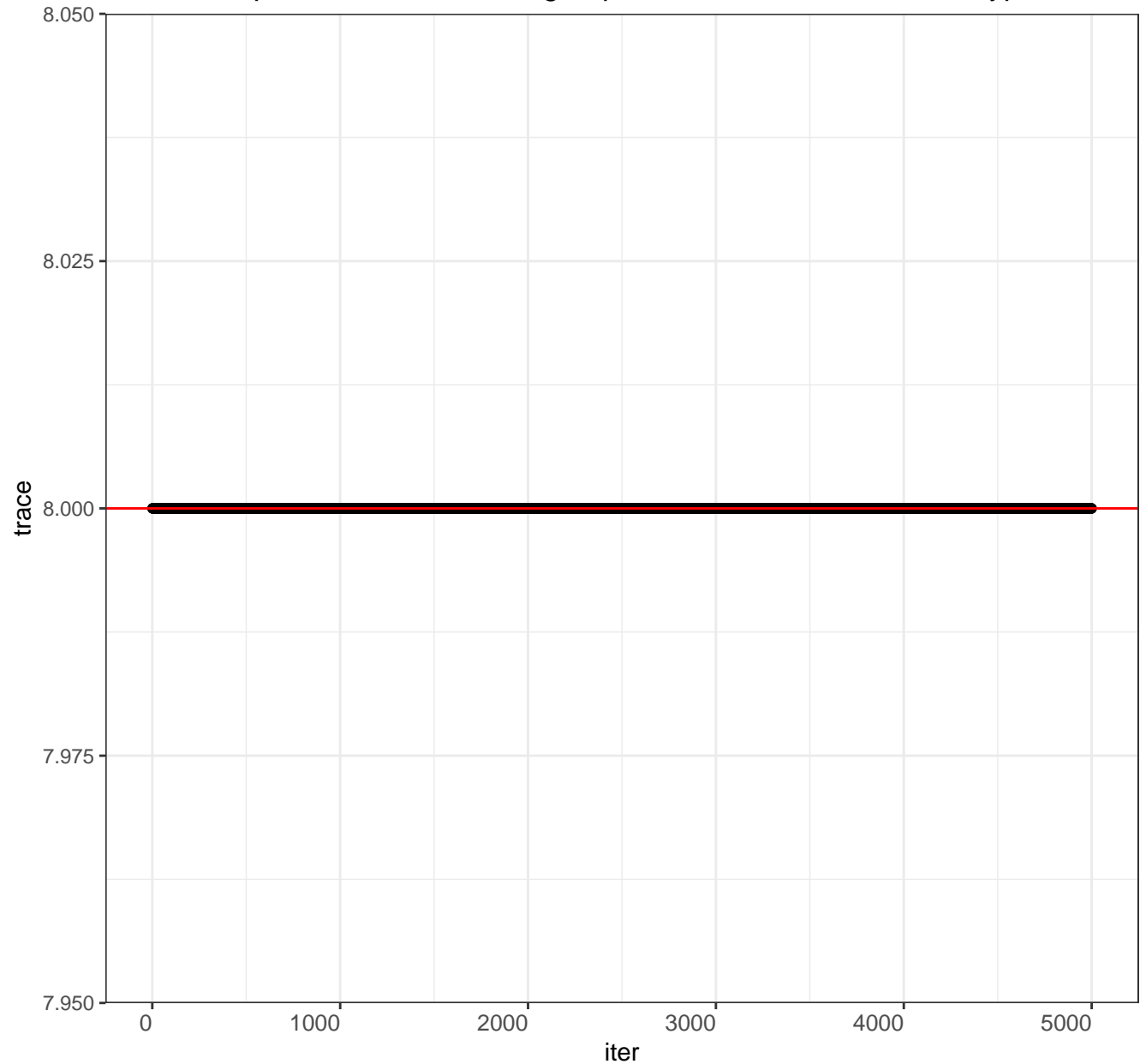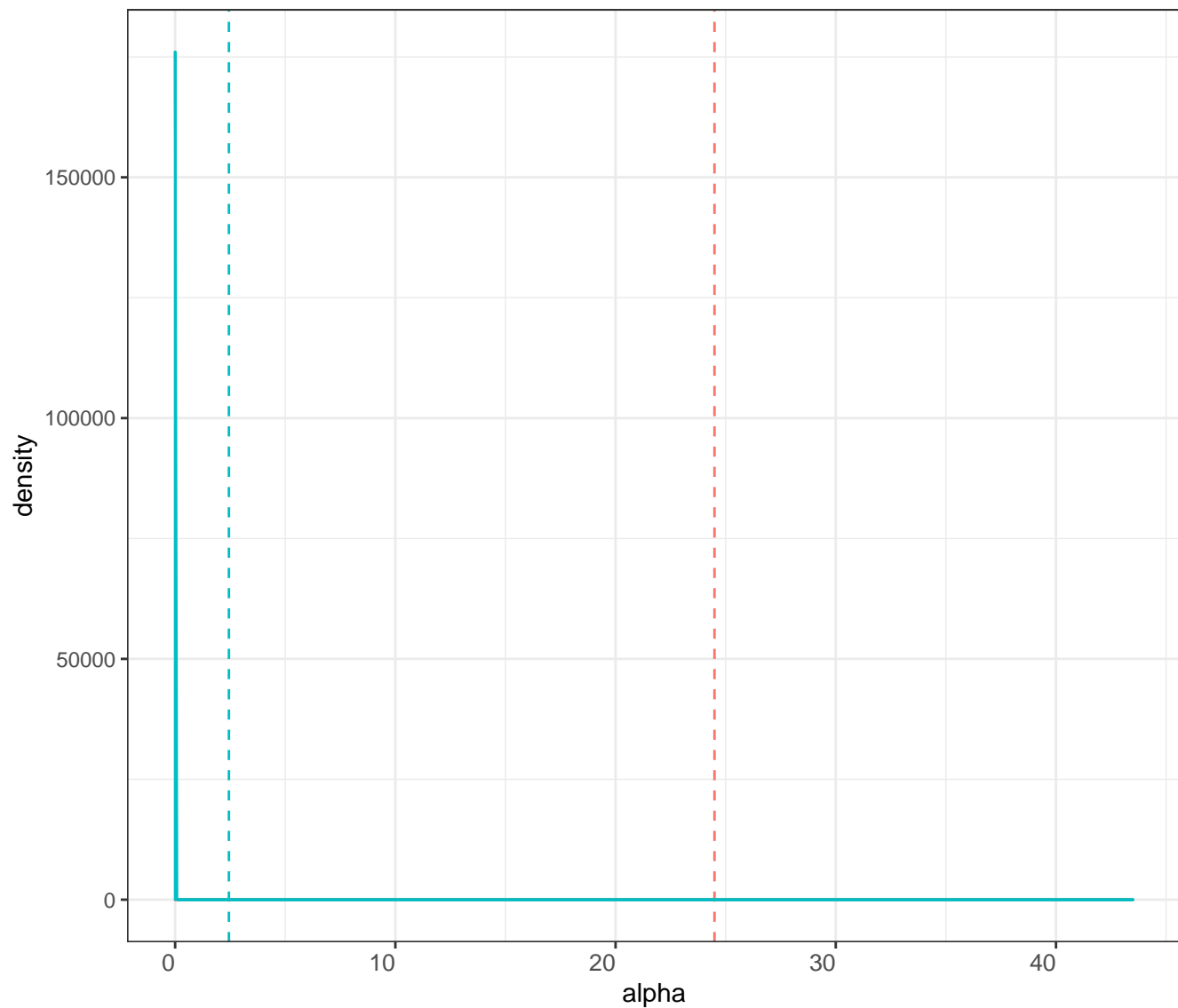Trace plot for the number of groups K for S=50 r=20 true K=8 type=1

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

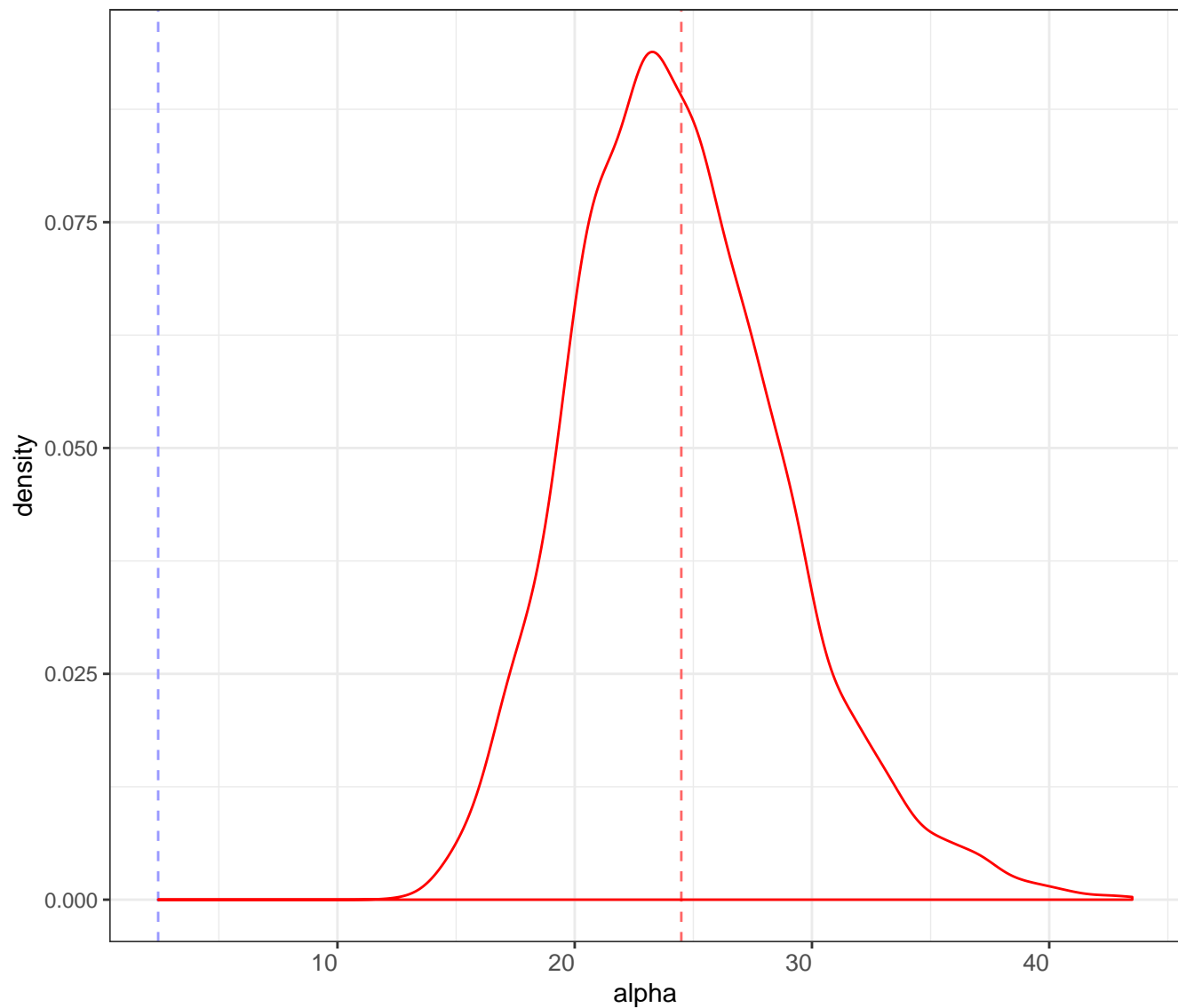Distribution alpha: S=50 ,r=20 true gr K=8 ,type=1 ,N=150

Number of iterations: 5000 burnin: 2000 number of samples: 500
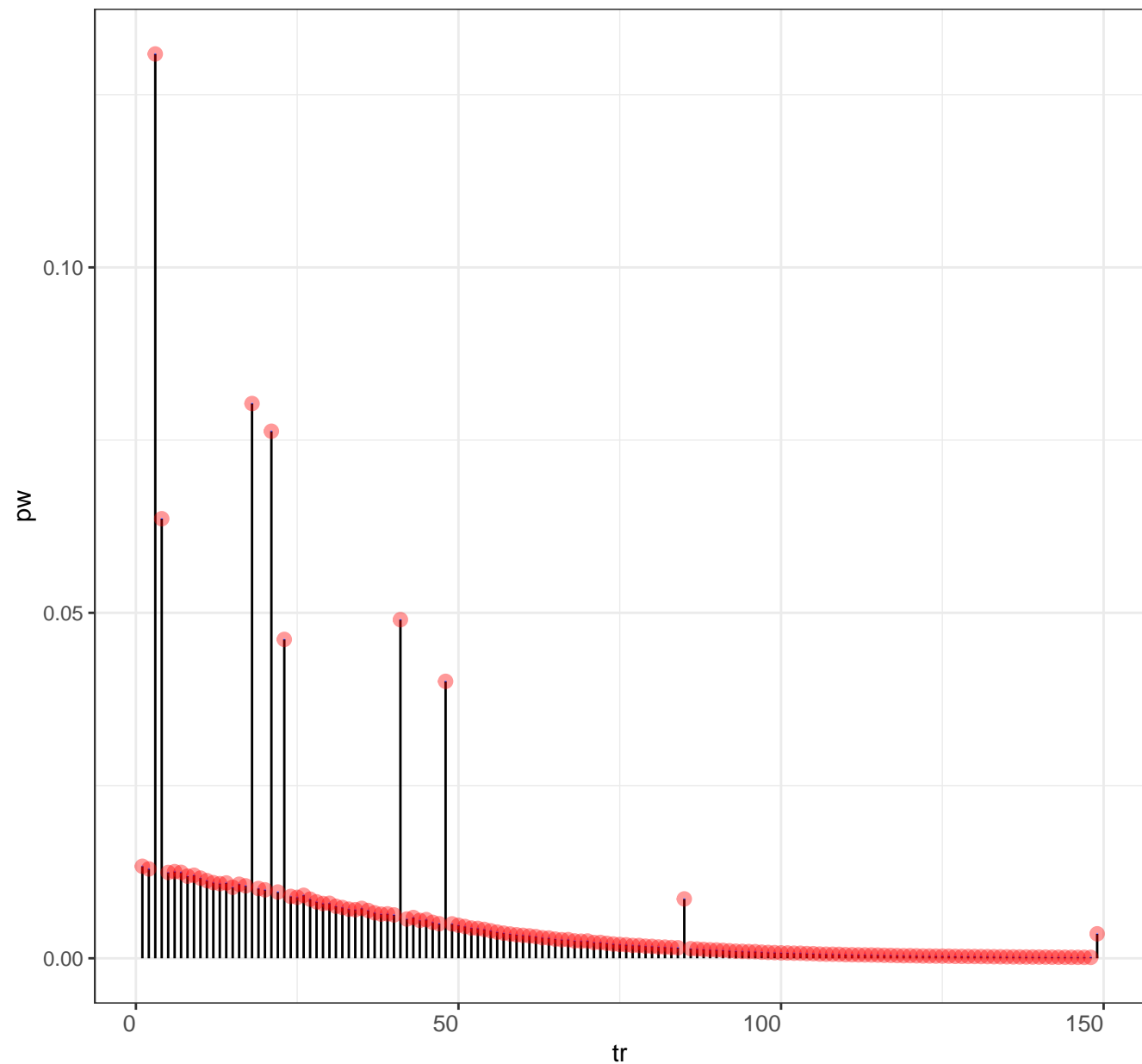
Posterior distribution for alpha

Legend: posterior mean, prior mean
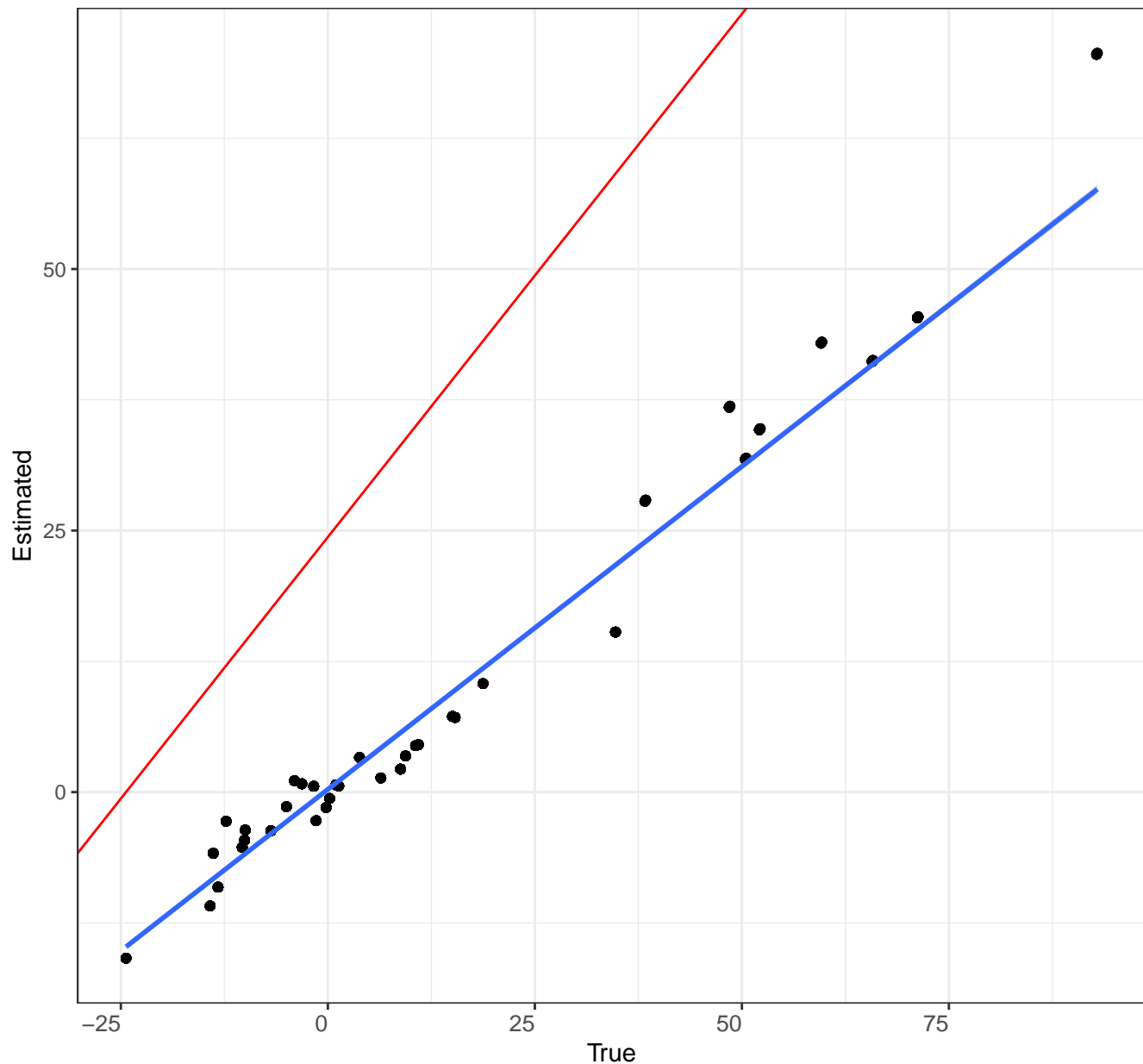
Number of iterations: 5000 burnin: 2000 number of samples: 500 S=50 ,r=20 true gr K=8 ,type=1 ,N=150

Weights for the case: S=50 ,r=20 true gr K=8 ,type=1 ,N=150 pN=0.004

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

True vs estimated covariance parameters

Number of iterations: 5000 burnin: 2000number of samples: 500S=50 r=20 true K=8 type=1