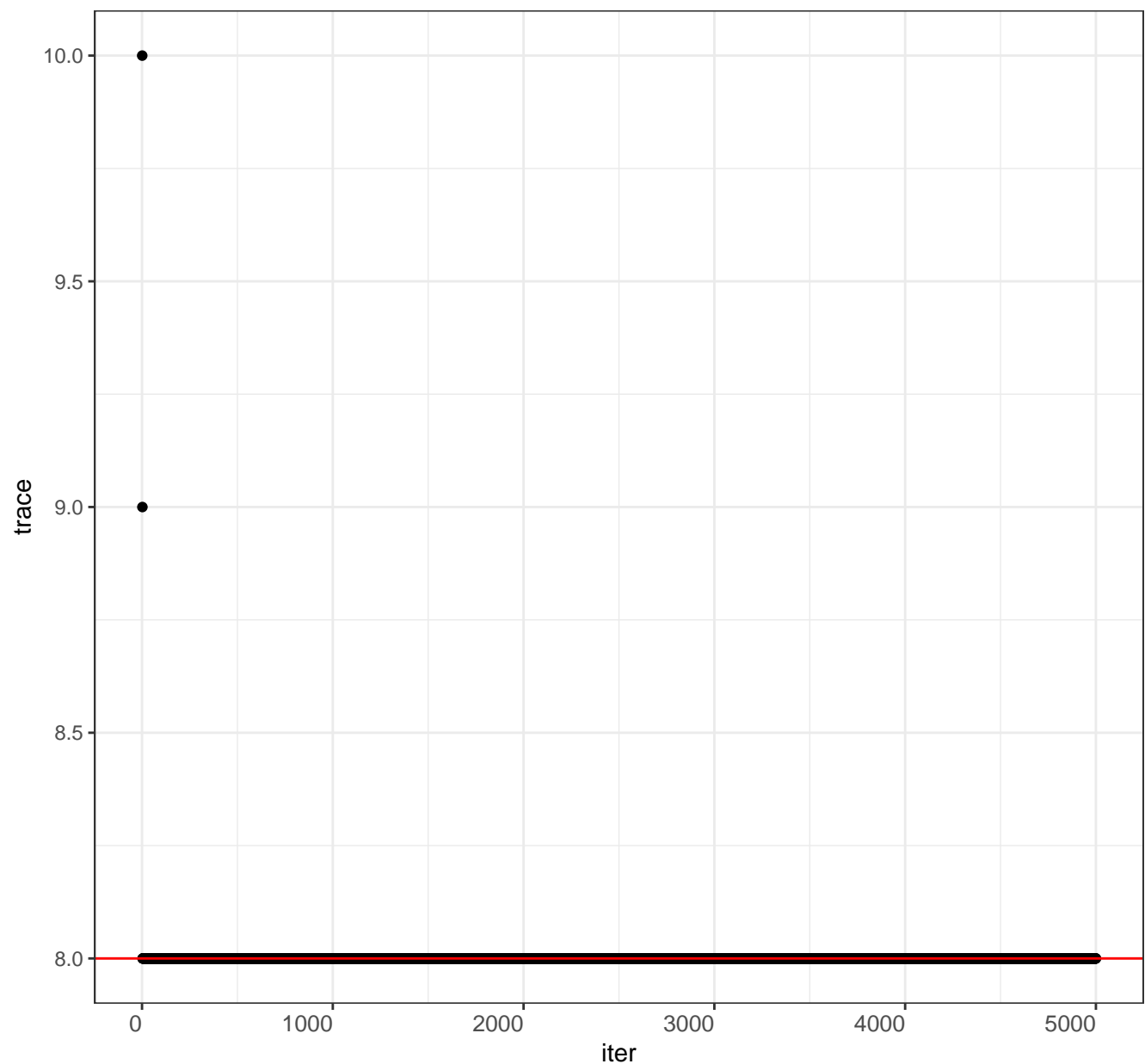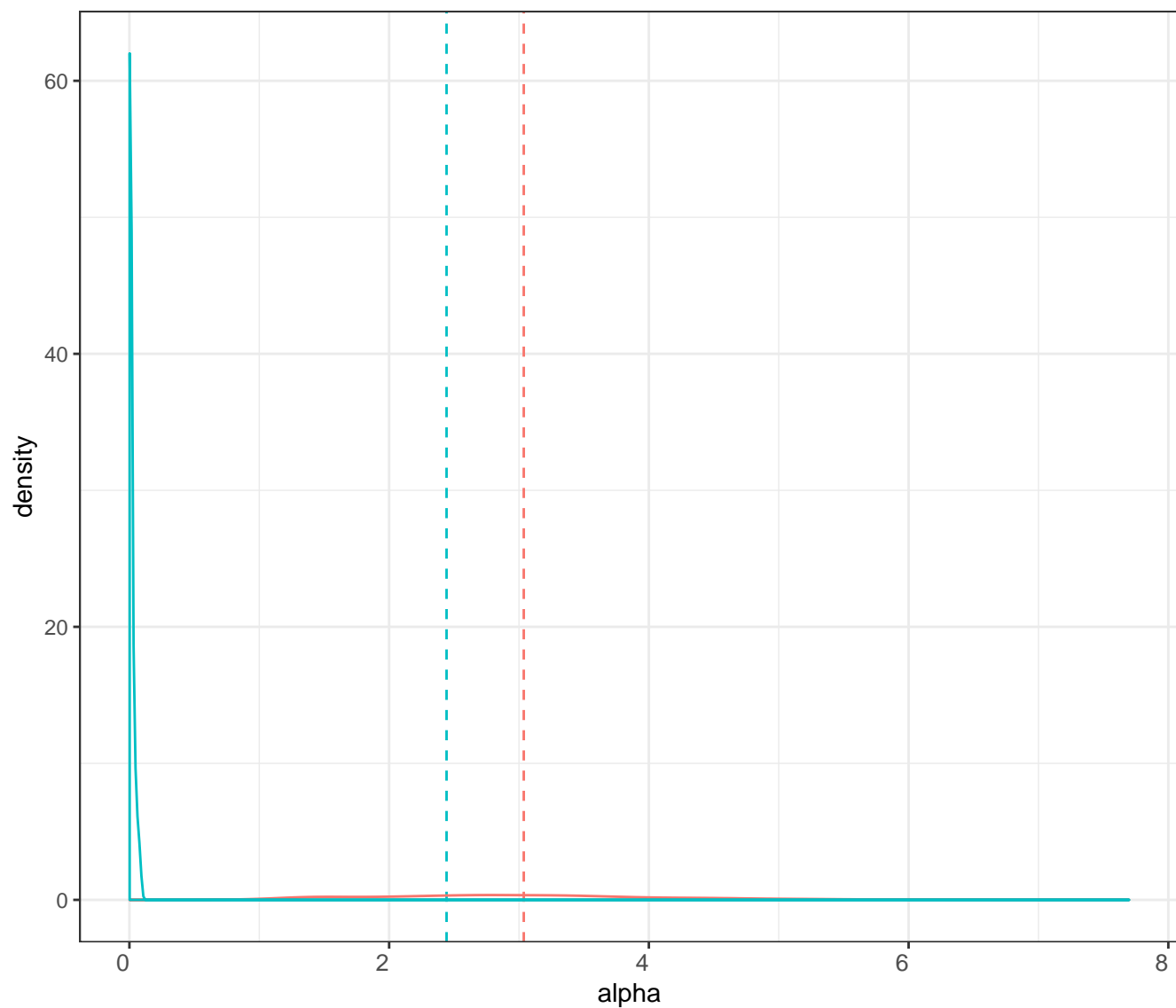Trace plot for the number of groups K for S=50 r=5 true K=8 type=2

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

Distribution alpha: S=50 ,r=5 true gr K=8 ,type=2 ,N=50

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

Posterior distribution for alpha

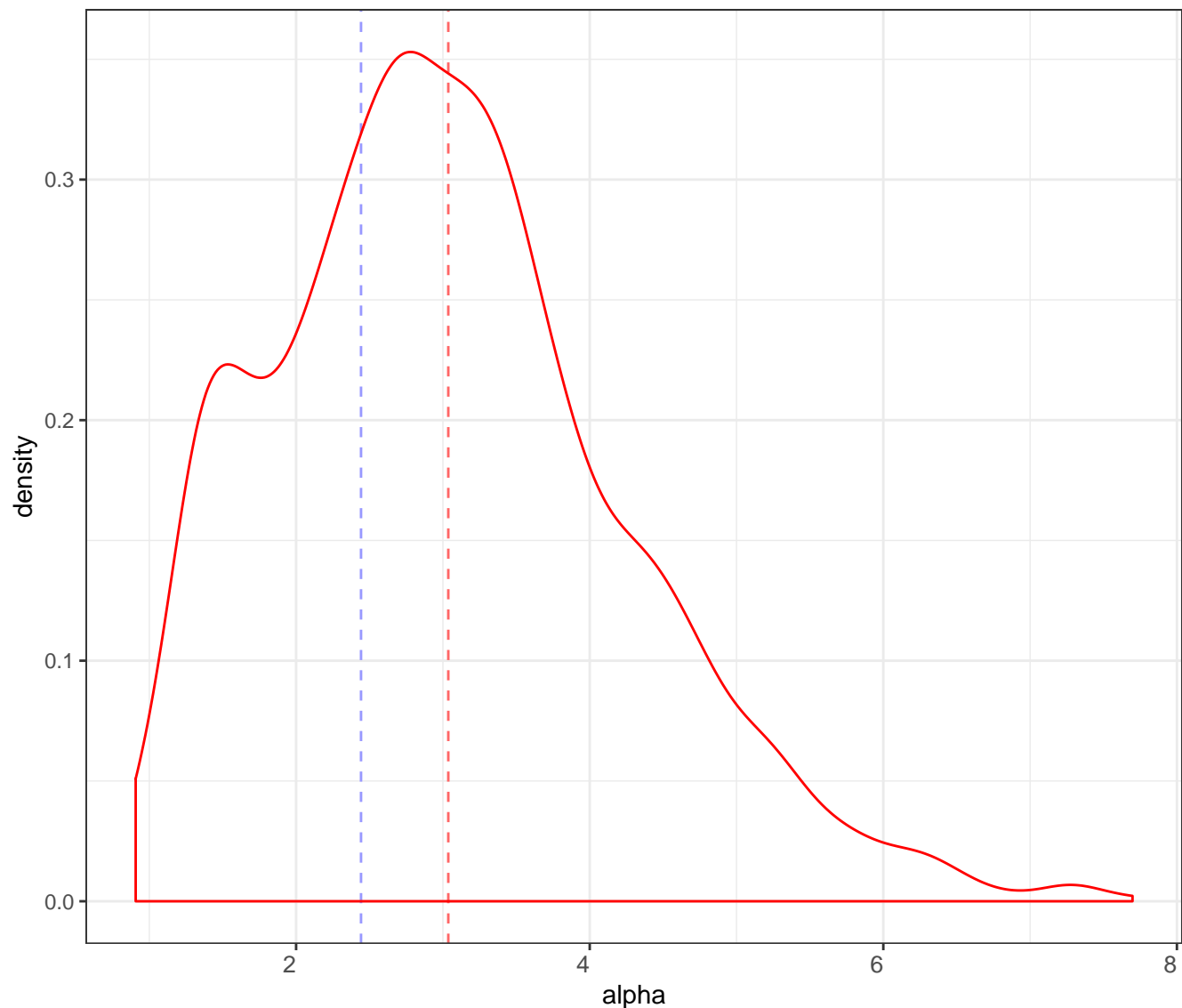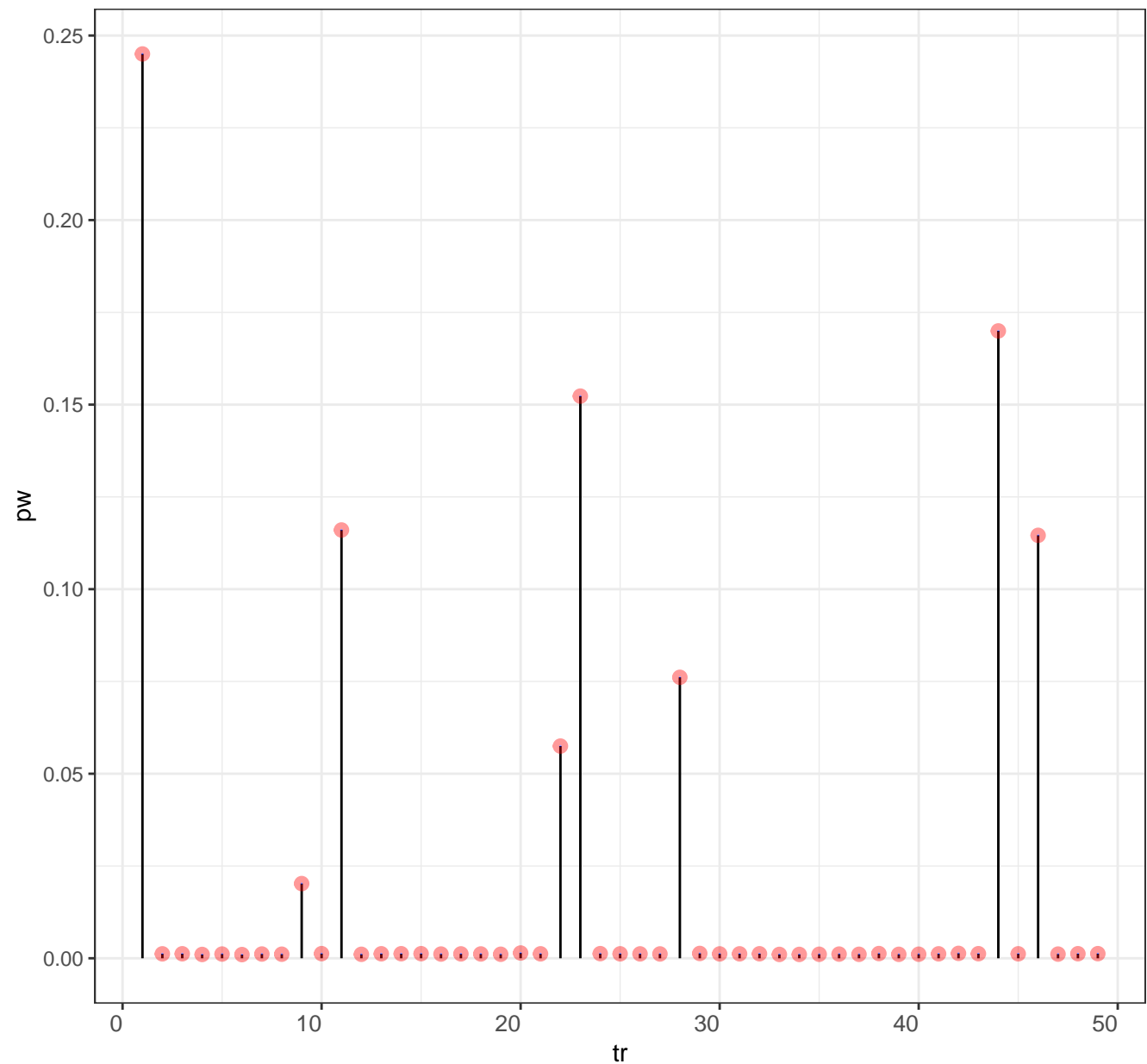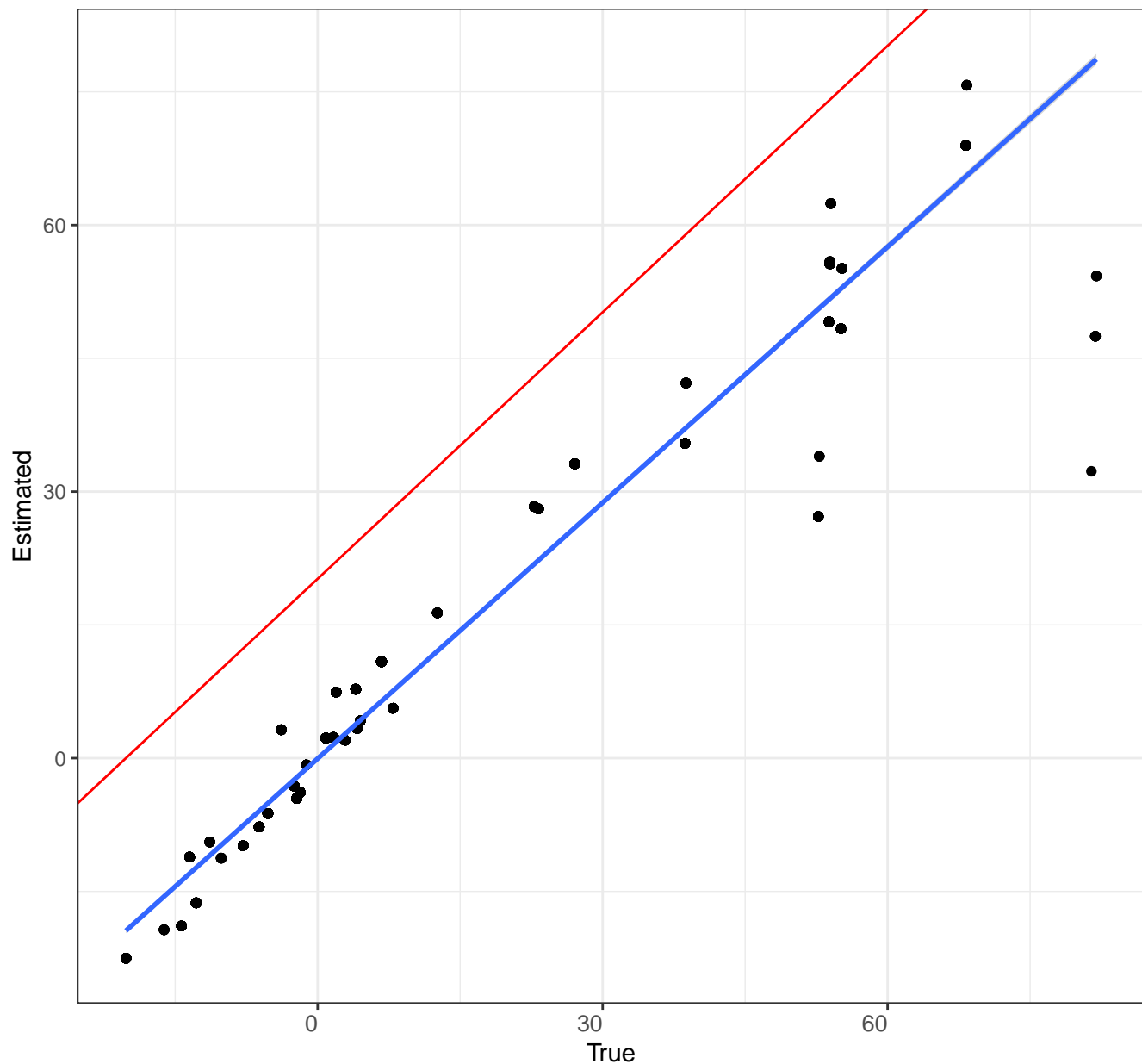Number of iterations: 5000 burnin: 2000 number of samples: 500 S=50 ,r=5 true gr K=8 ,type=2 ,N=50

Weights for the case: S=50 ,r=5 true gr K=8 ,type=2 ,N=50 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=50 r=5 true K=8 type=2