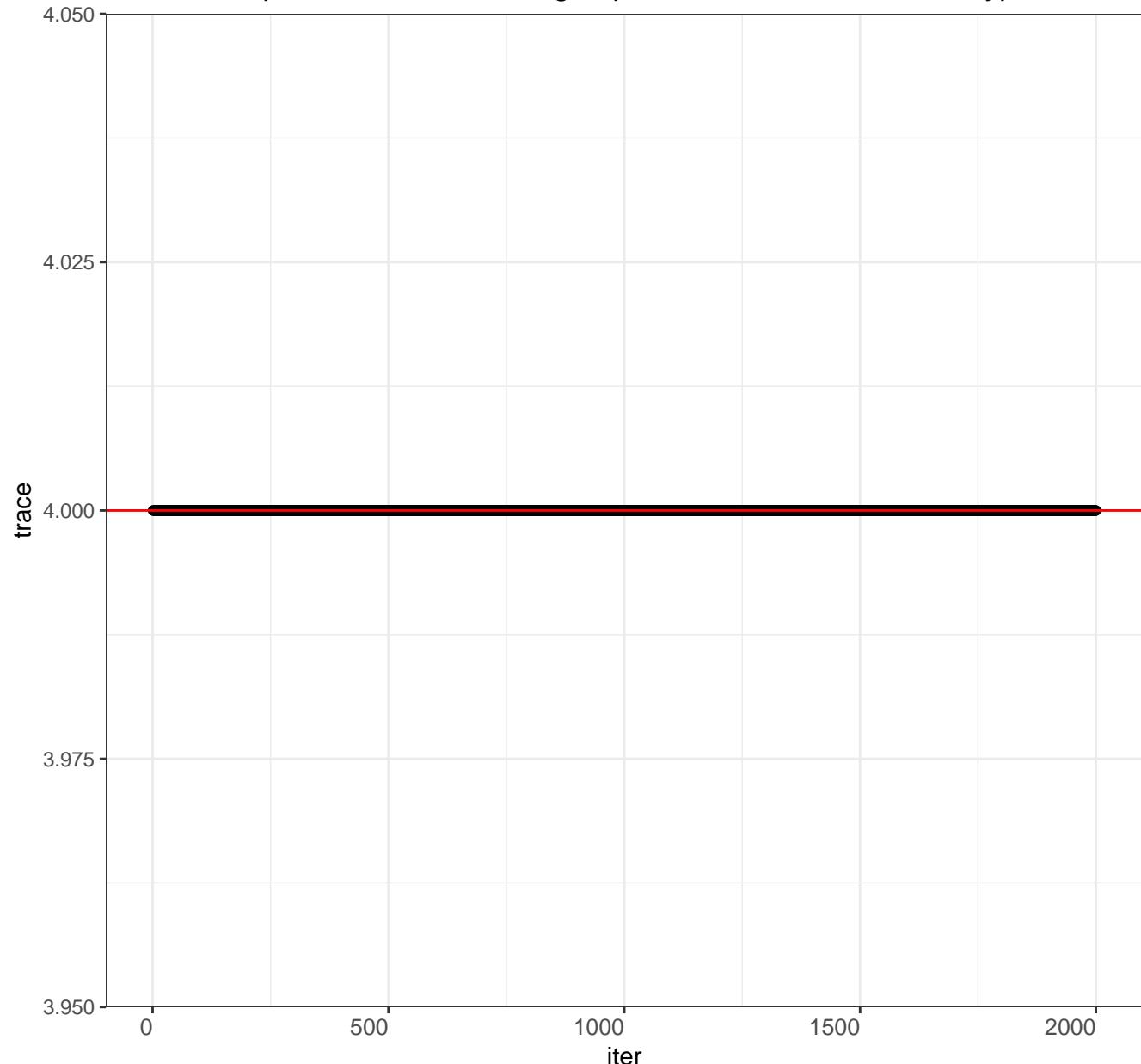


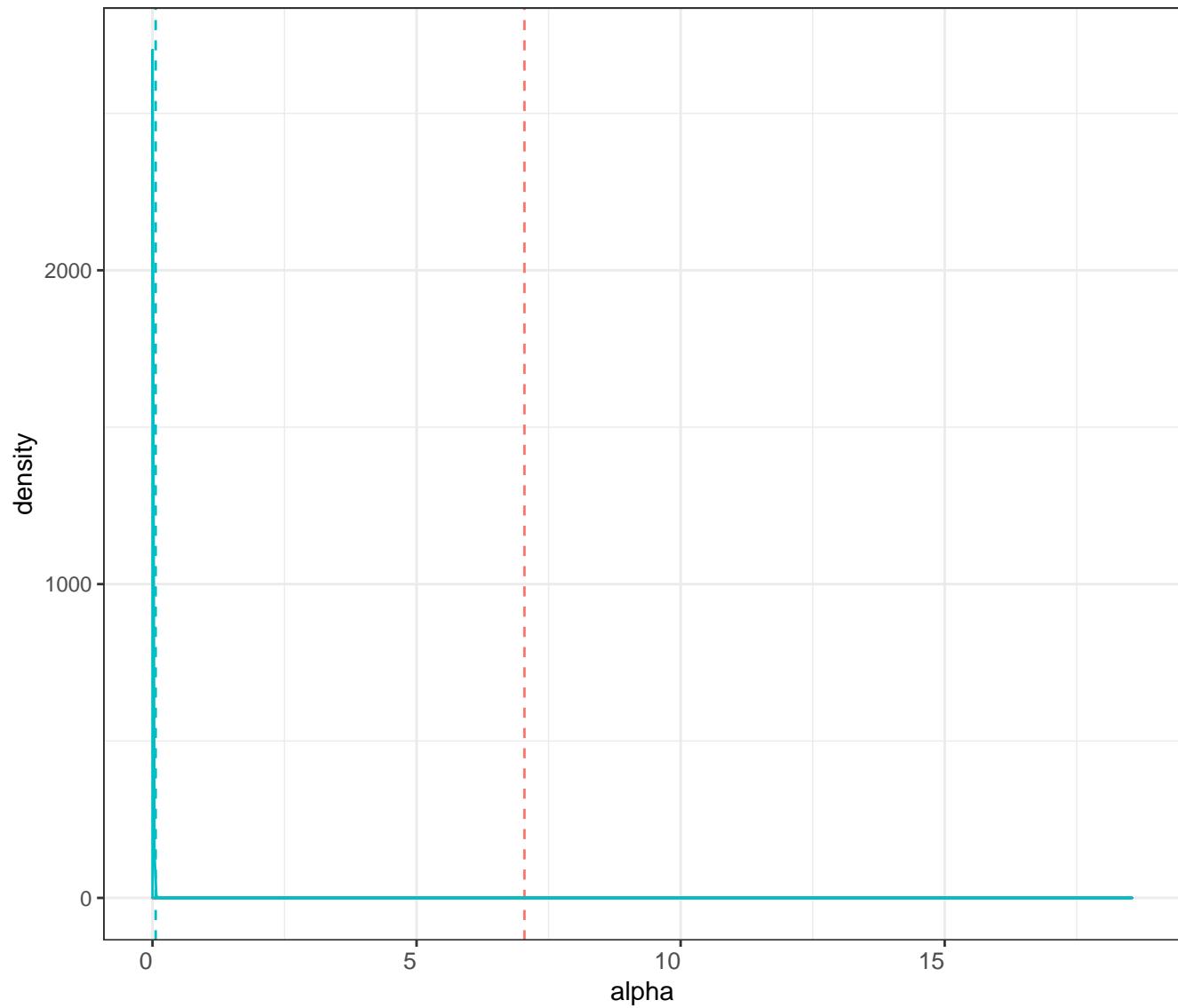
Trace plot for the number of groups K for S=20 r=5 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=20 ,r=5 true gr K=4 ,type=4 ,N=204

type  posterior  prior



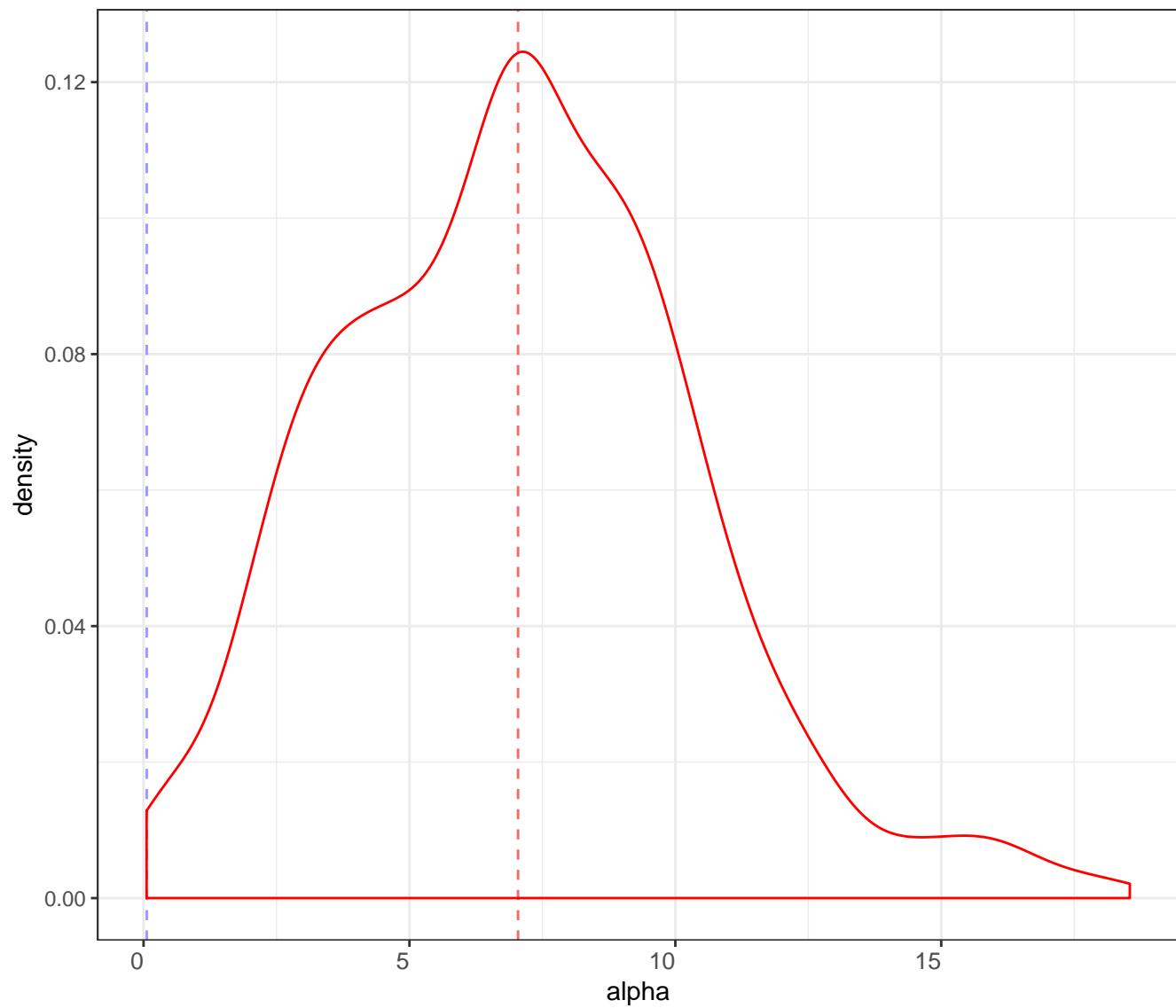
Number of iterations: 2000 burnin: 1000 number of samples: 500

Posterior distribution for alpha

Legend

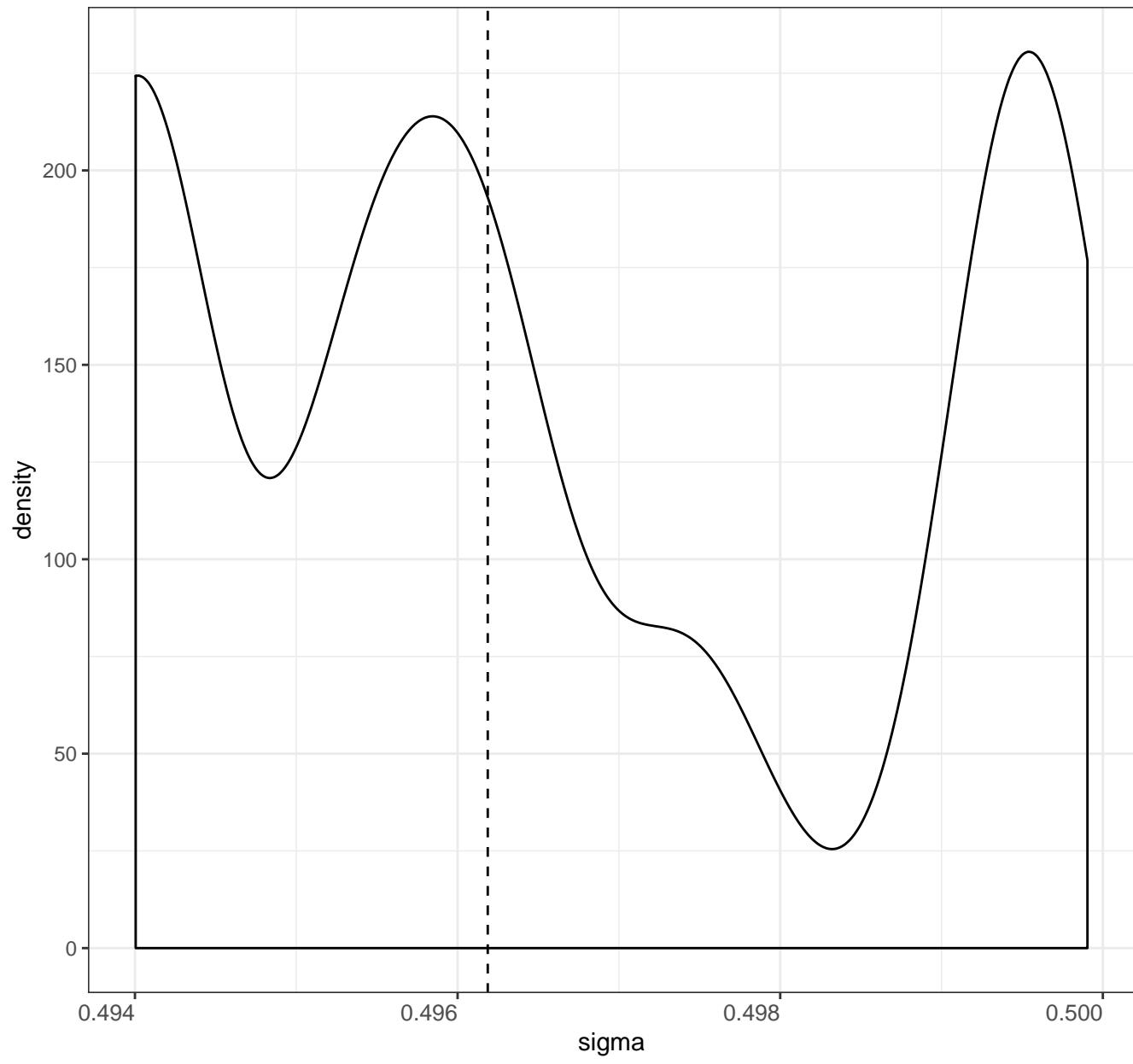
posterior mean

prior mean

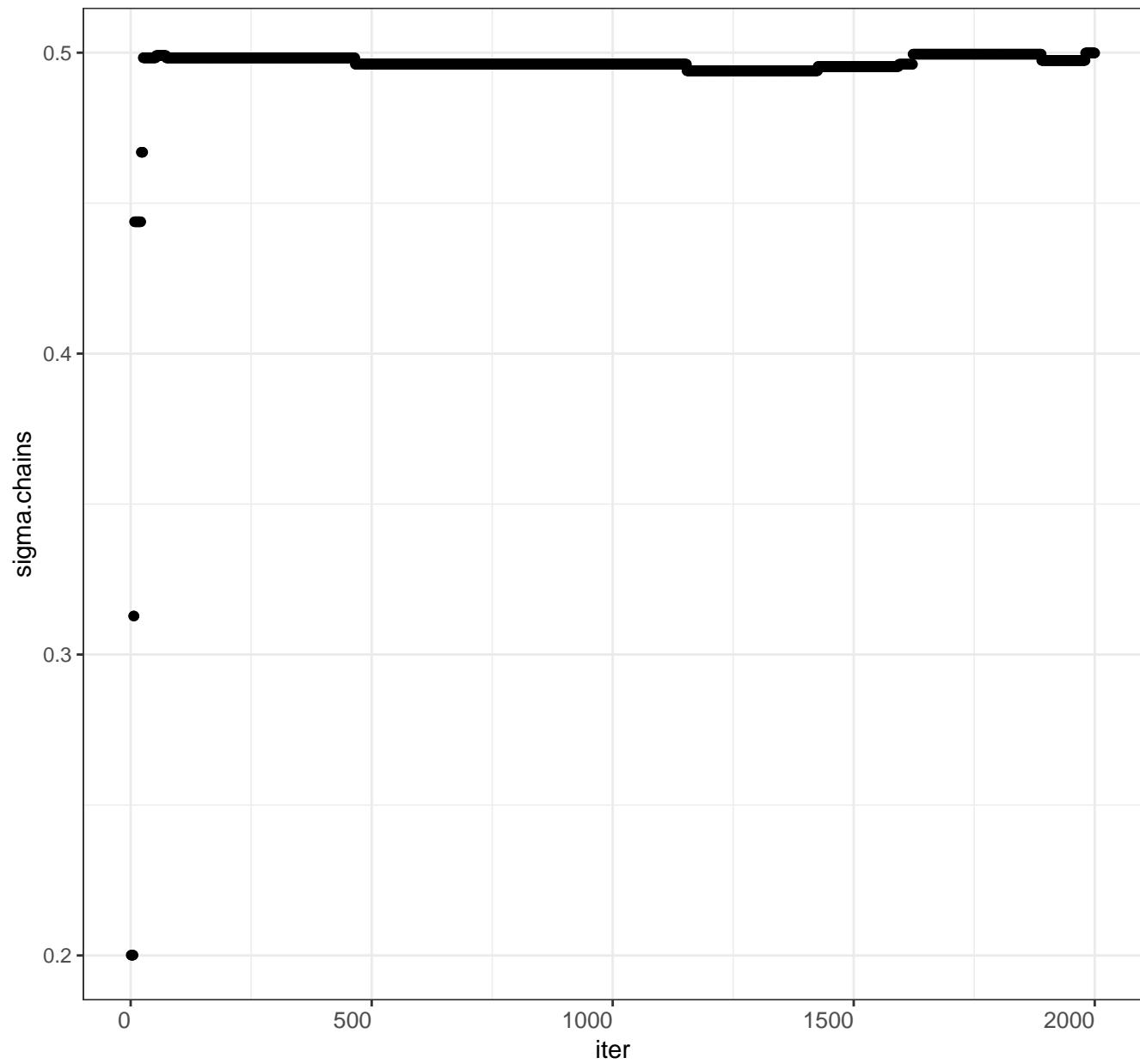


Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=5 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=20 ,r=5 true gr K=4 ,type=4 ,N=204

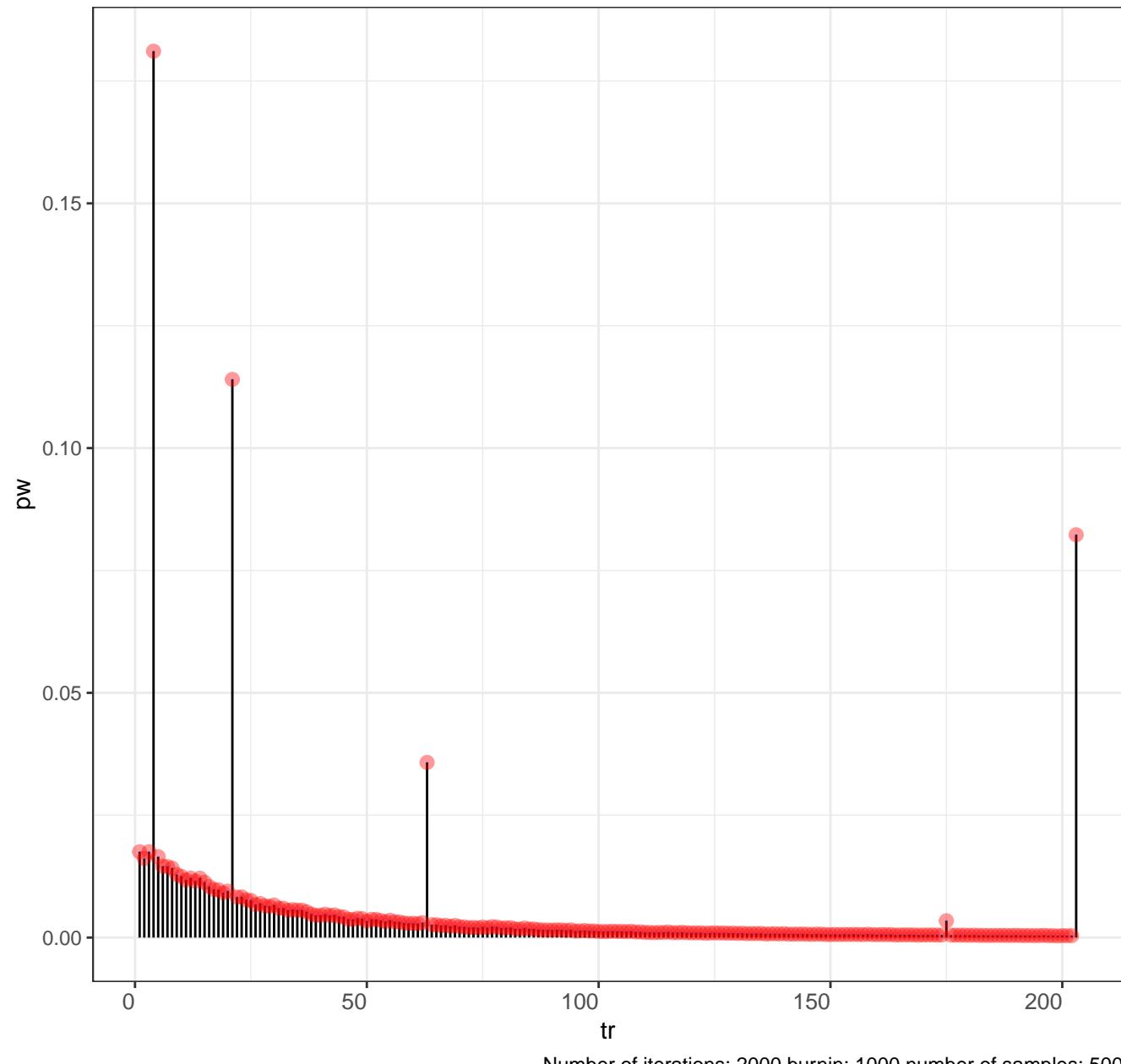


Trace plot for the sigma for S=20 r=5 true K=4 type=4



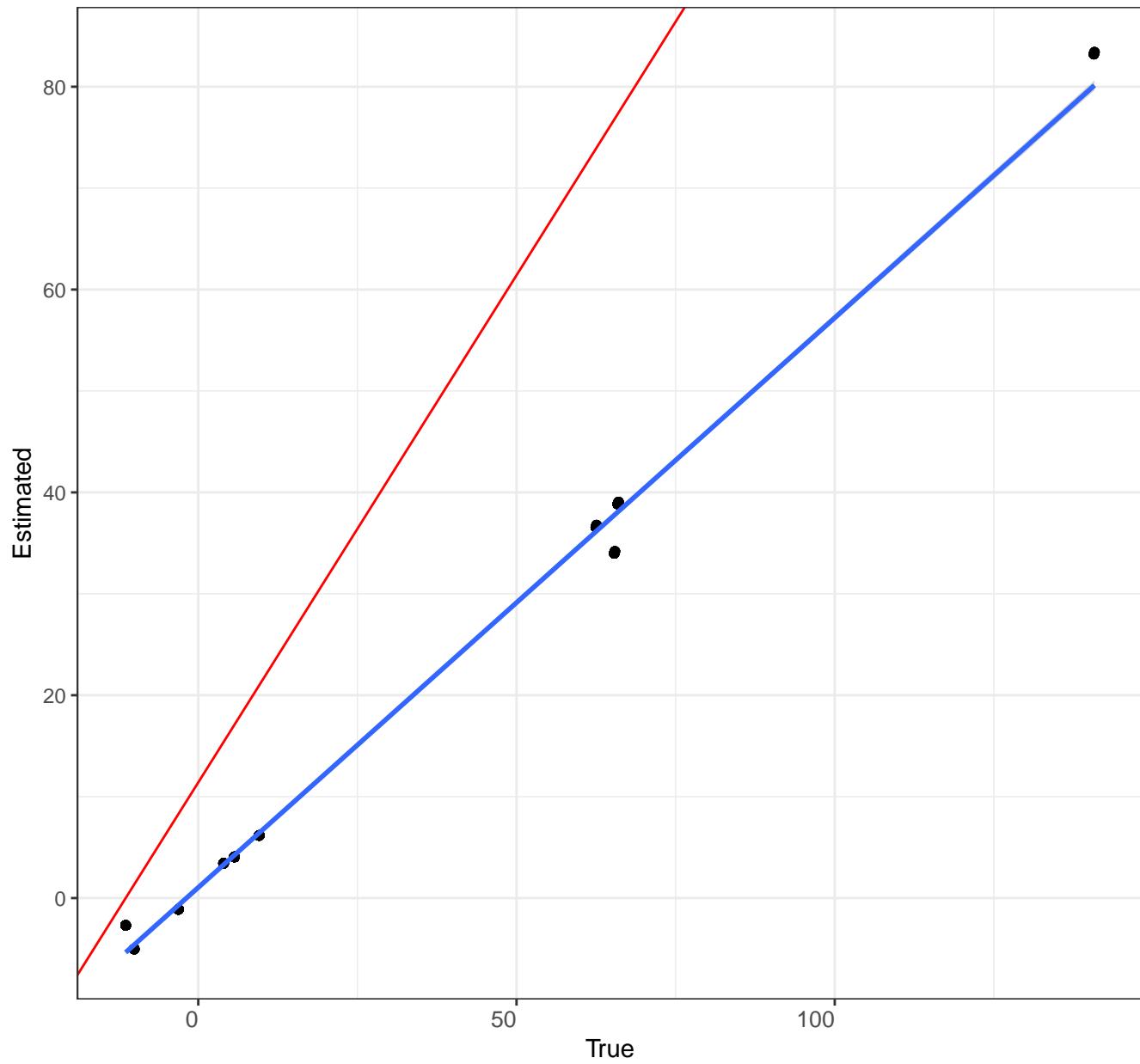
Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=20 ,r=5 true gr K=4 ,type=4 ,N=204 pN=0.082



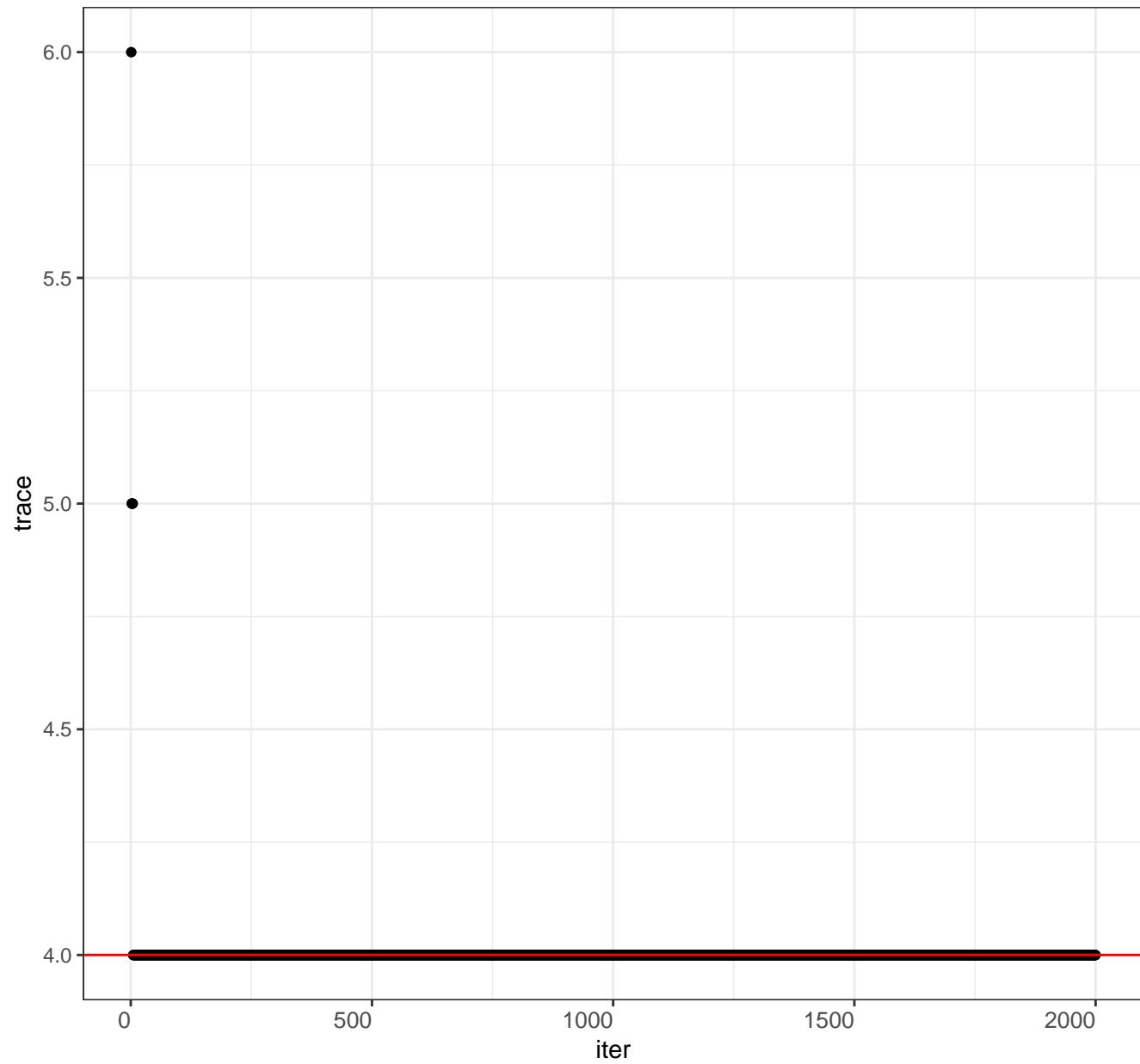
Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 r=5 true K=4 type=4

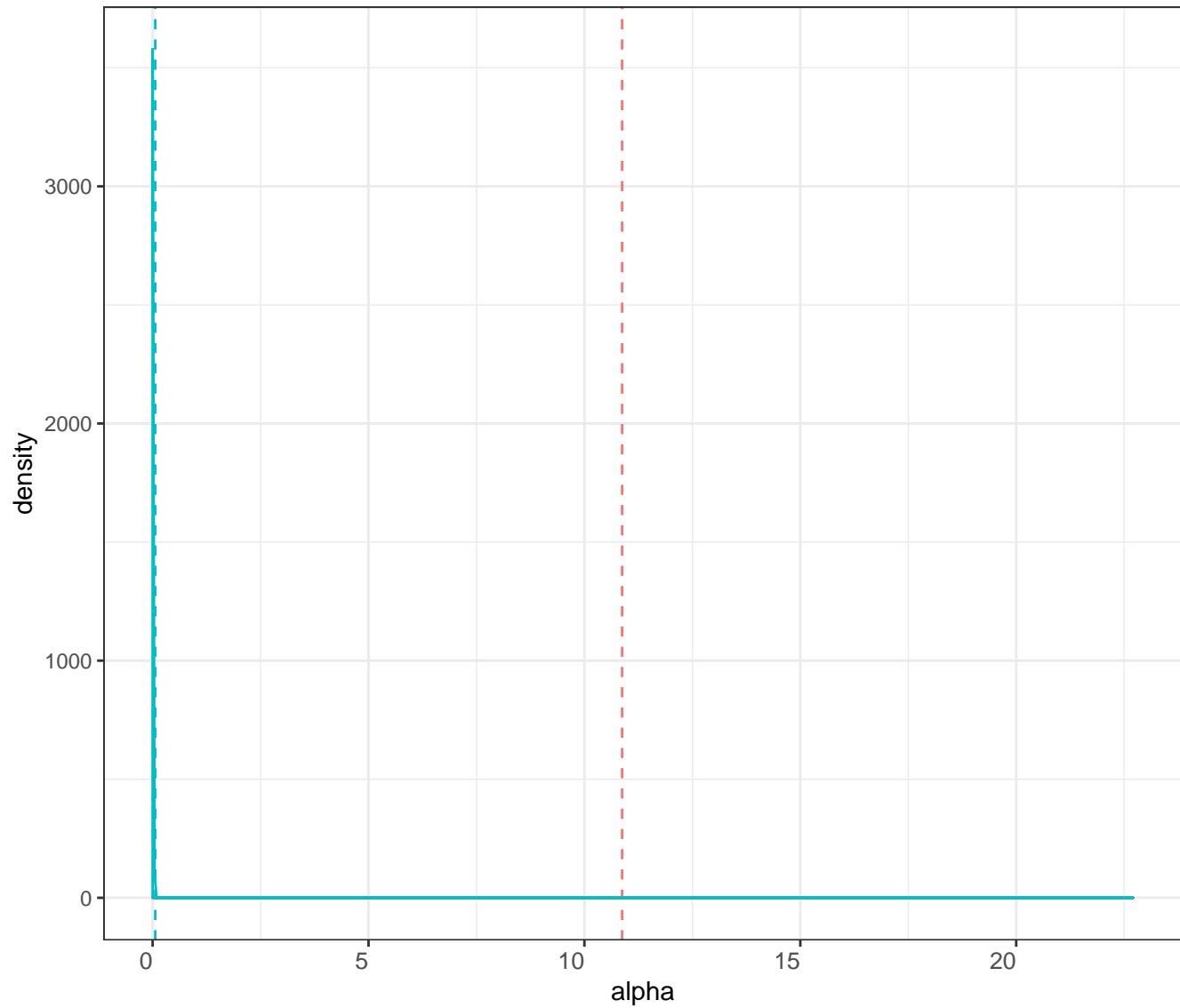
Trace plot for the number of groups K for S=20 r=5 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=20 ,r=5 true gr K=4 ,type=4 ,N=204

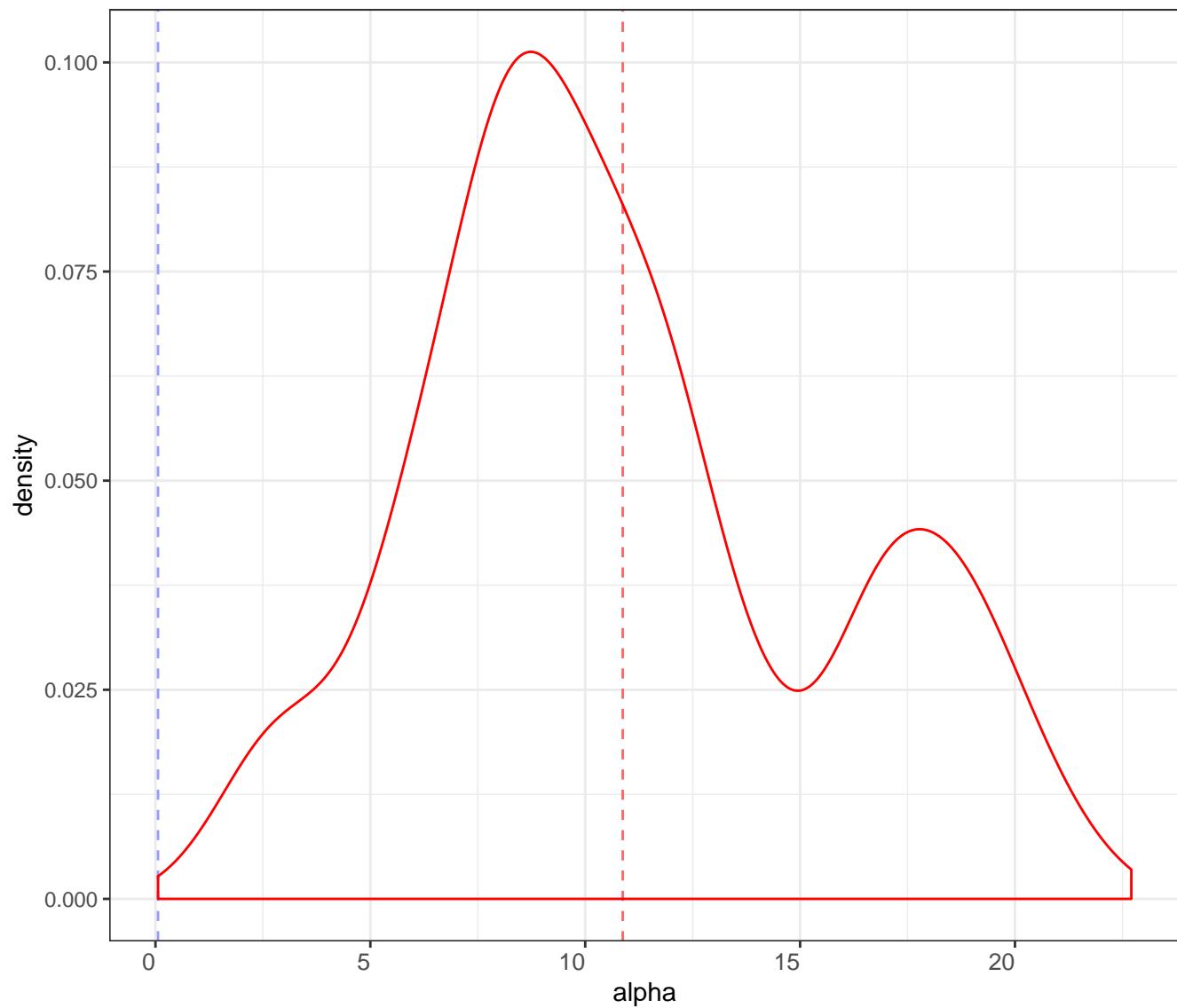
type  posterior  prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

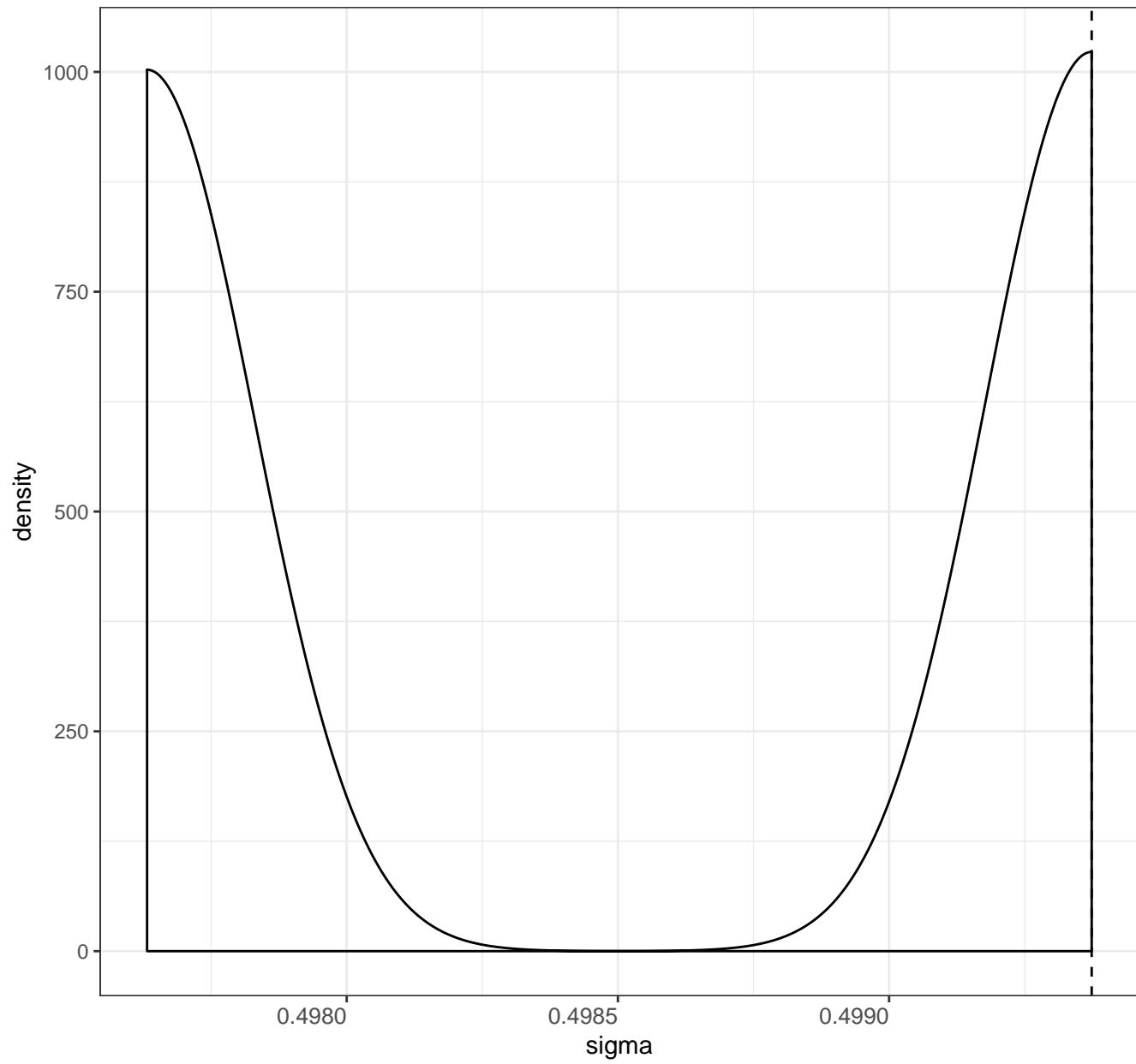
Posterior distribution for alpha

Legend | posterior mean | prior mean



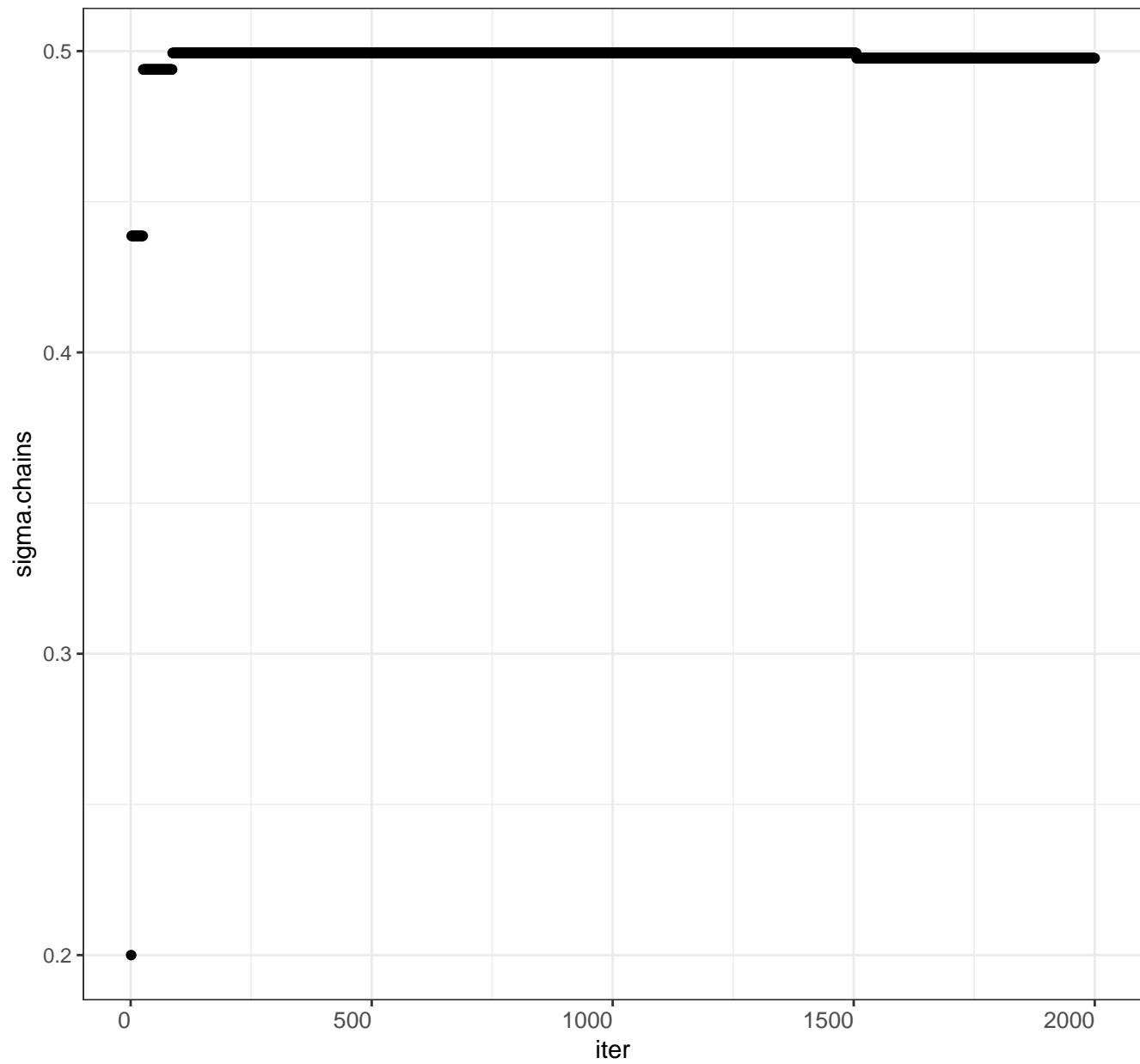
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=5 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=20 ,r=5 true gr K=4 ,type=4 ,N=204



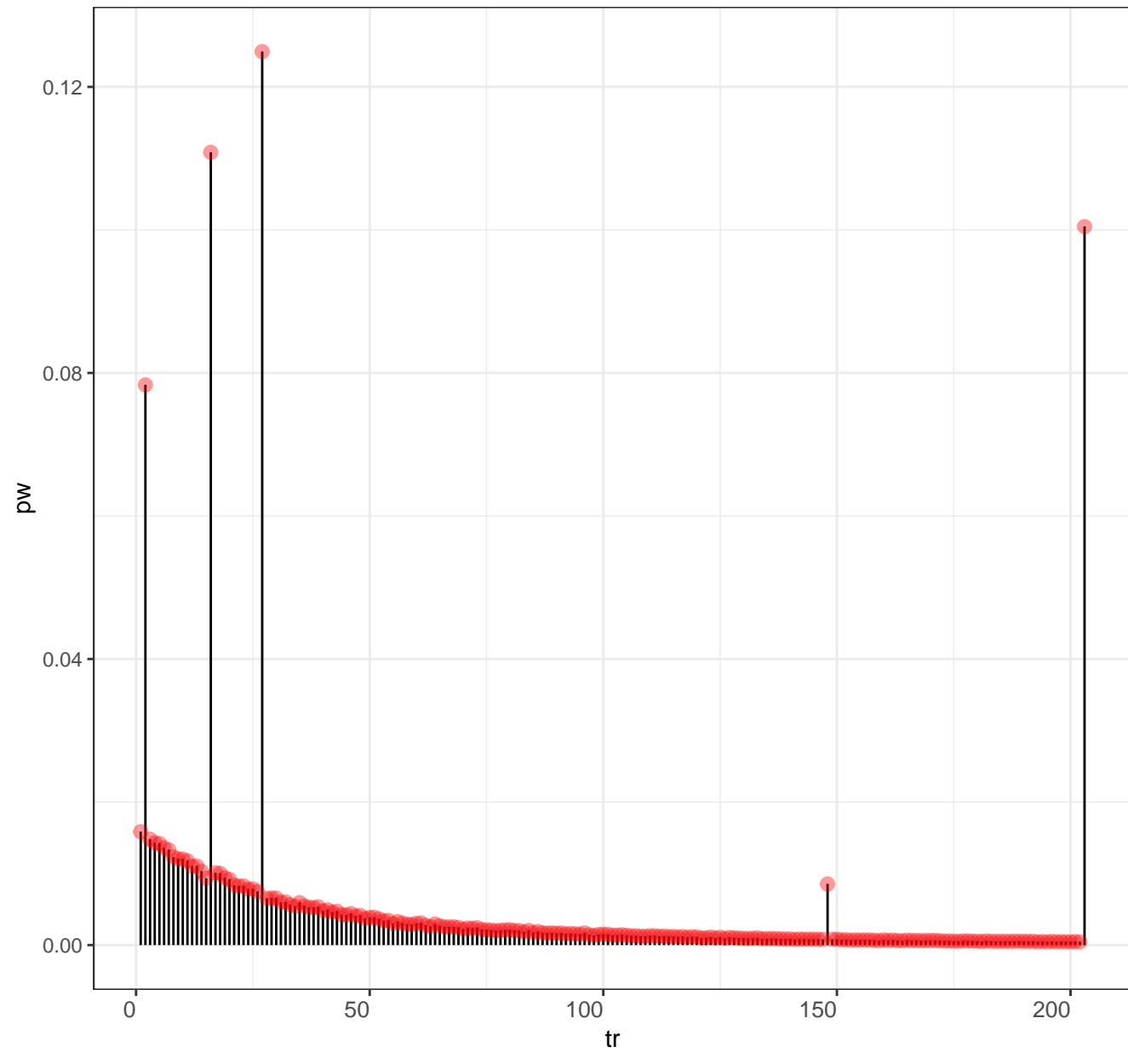
Number of iterations: 2000 burnin: 1000 number of samples: 500

Trace plot for the sigma for S=20 r=5 true K=4 type=4

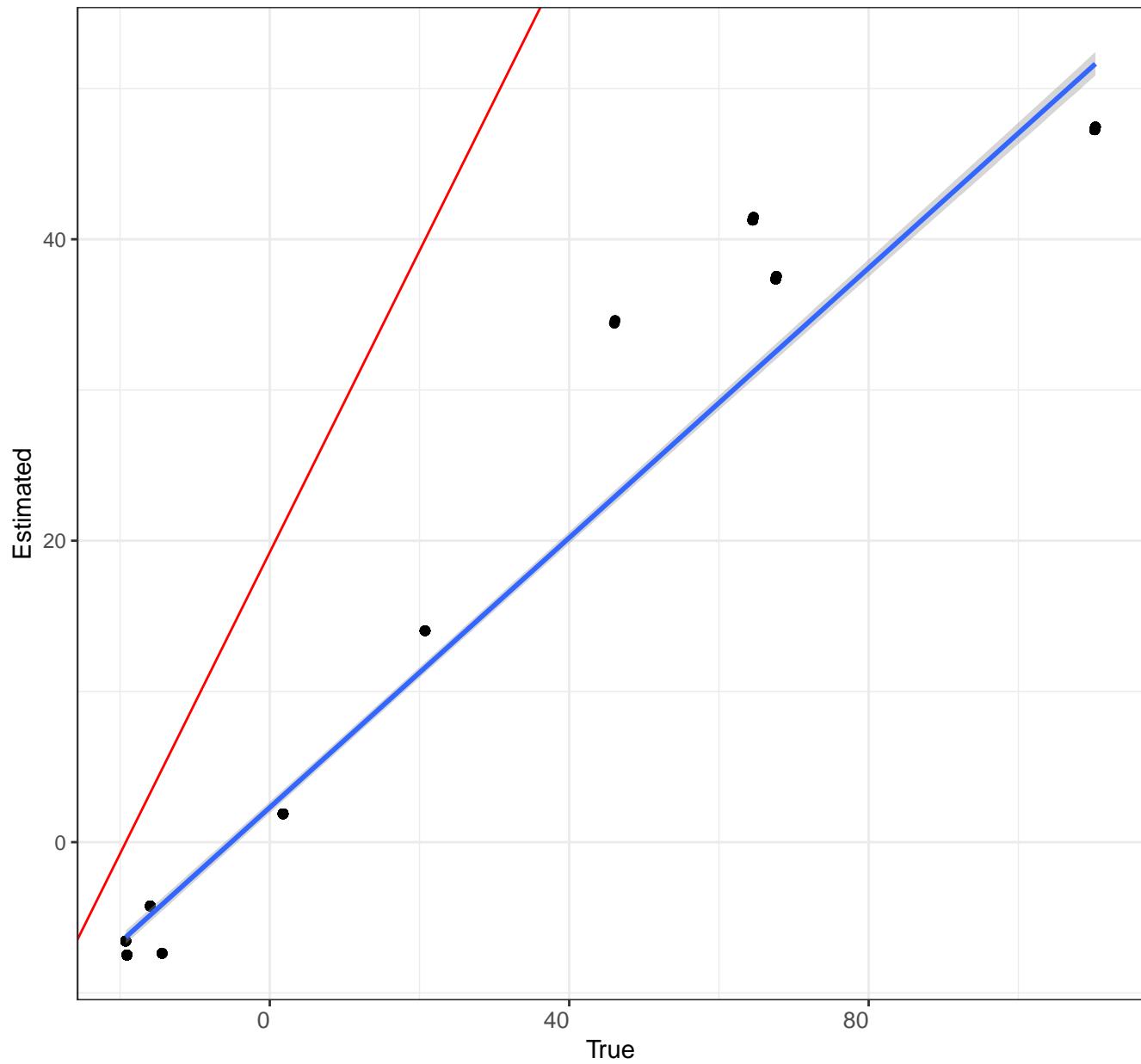


Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=20 ,r=5 true gr K=4 ,type=4 ,N=204 pN=0.1

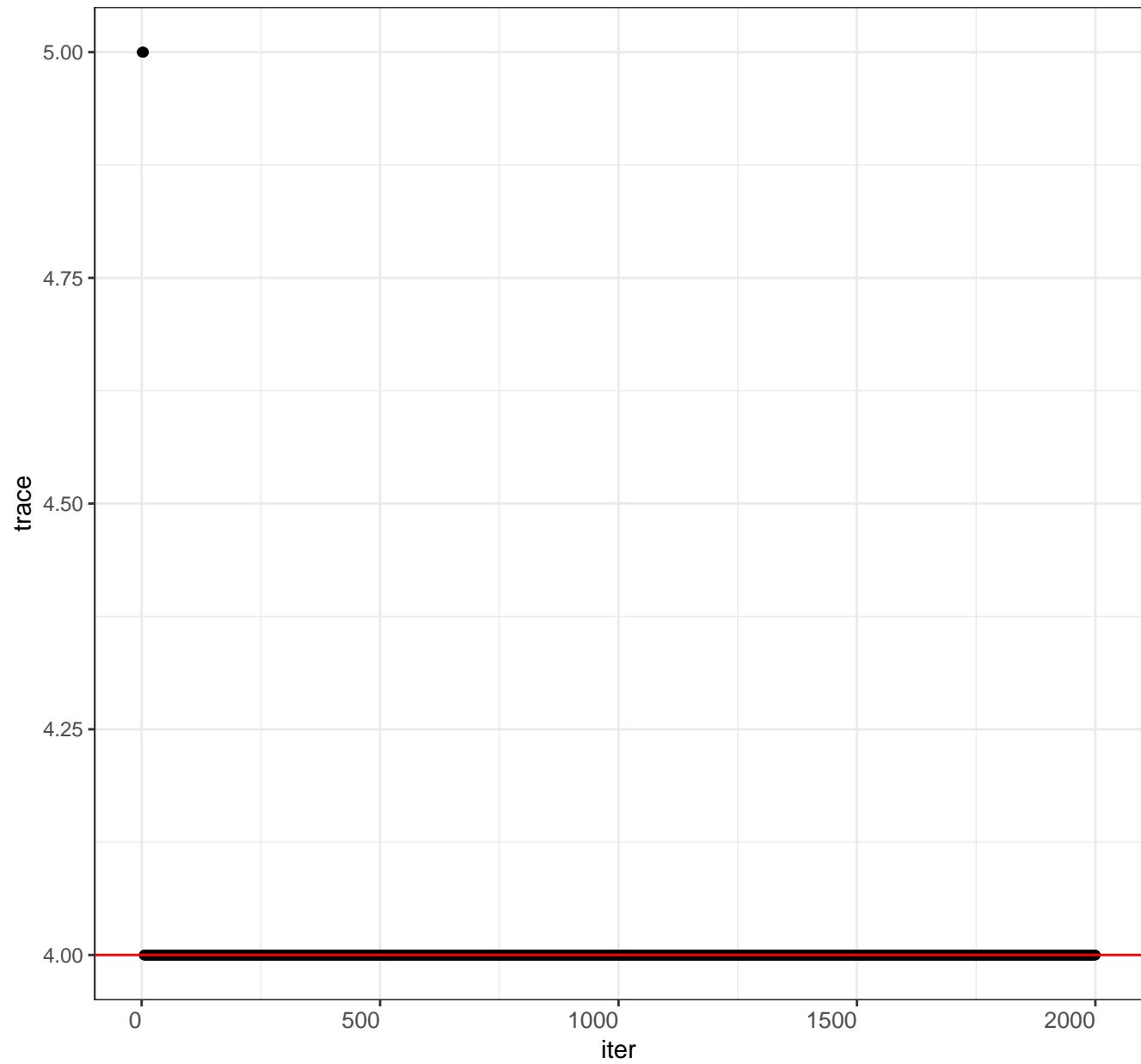


True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 r=5 true K=4 type=4

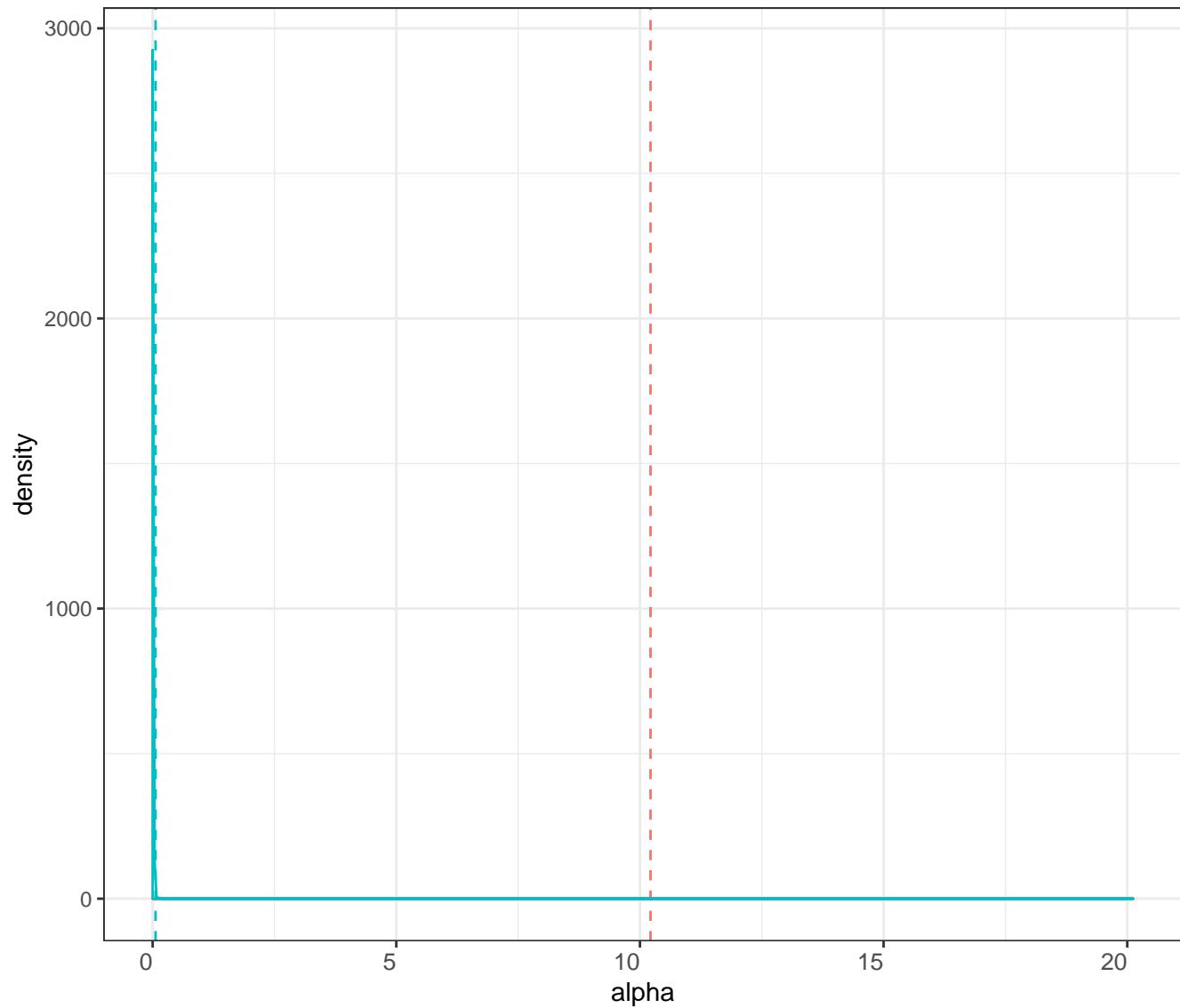
Trace plot for the number of groups K for S=20 r=5 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=20 ,r=5 true gr K=4 ,type=4 ,N=204

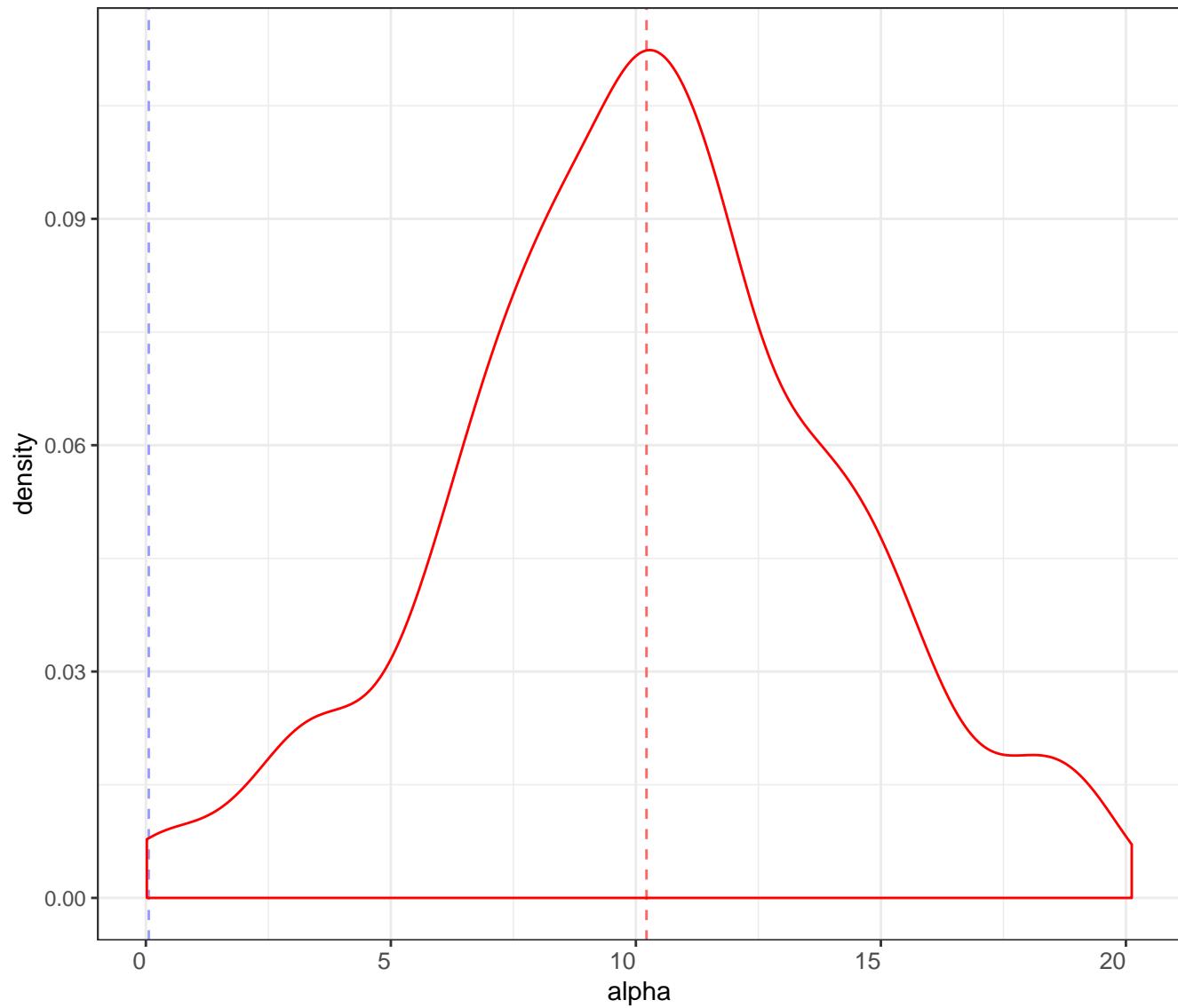
type  posterior  prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

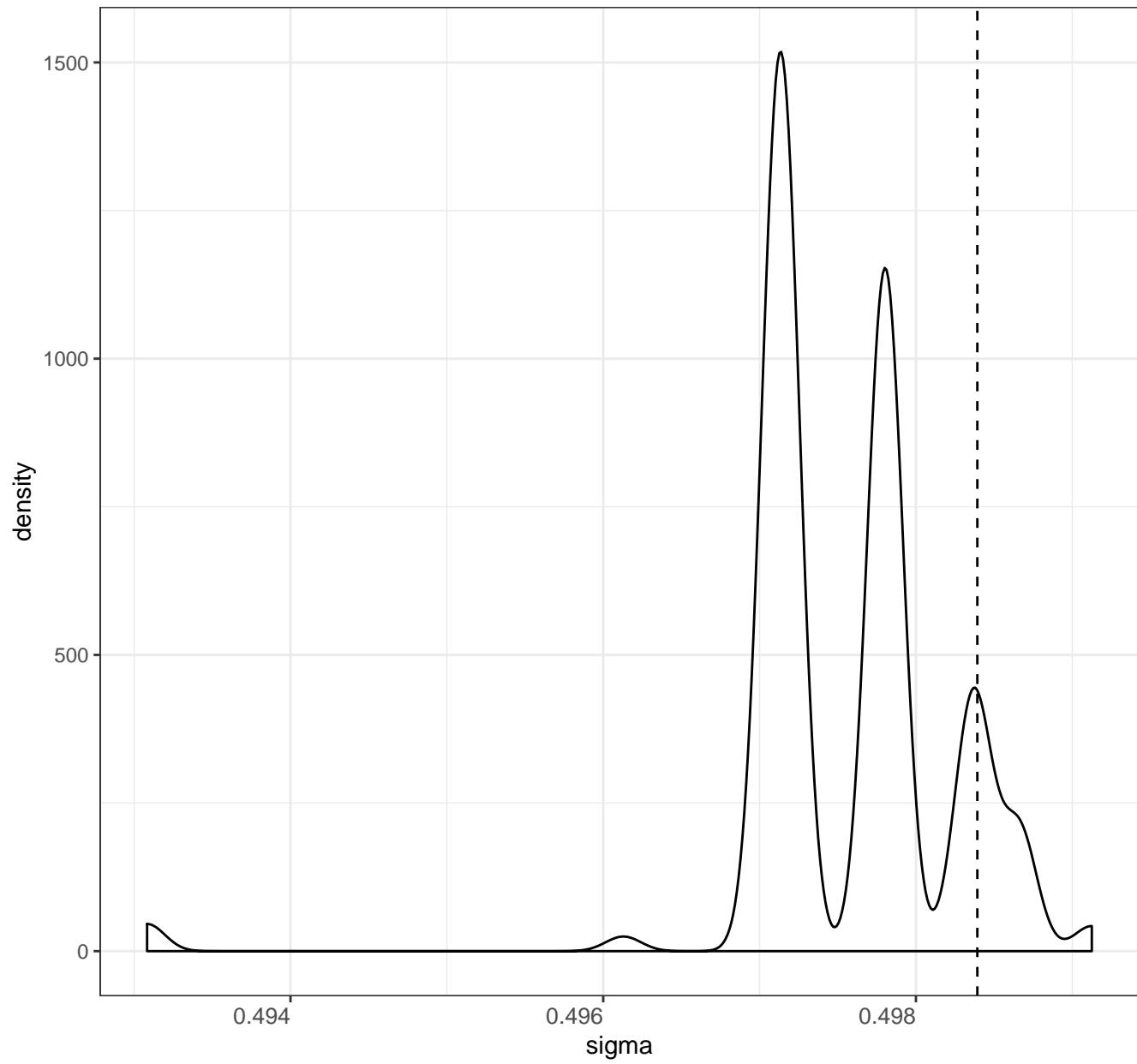
Posterior distribution for alpha

Legend | posterior mean | prior mean

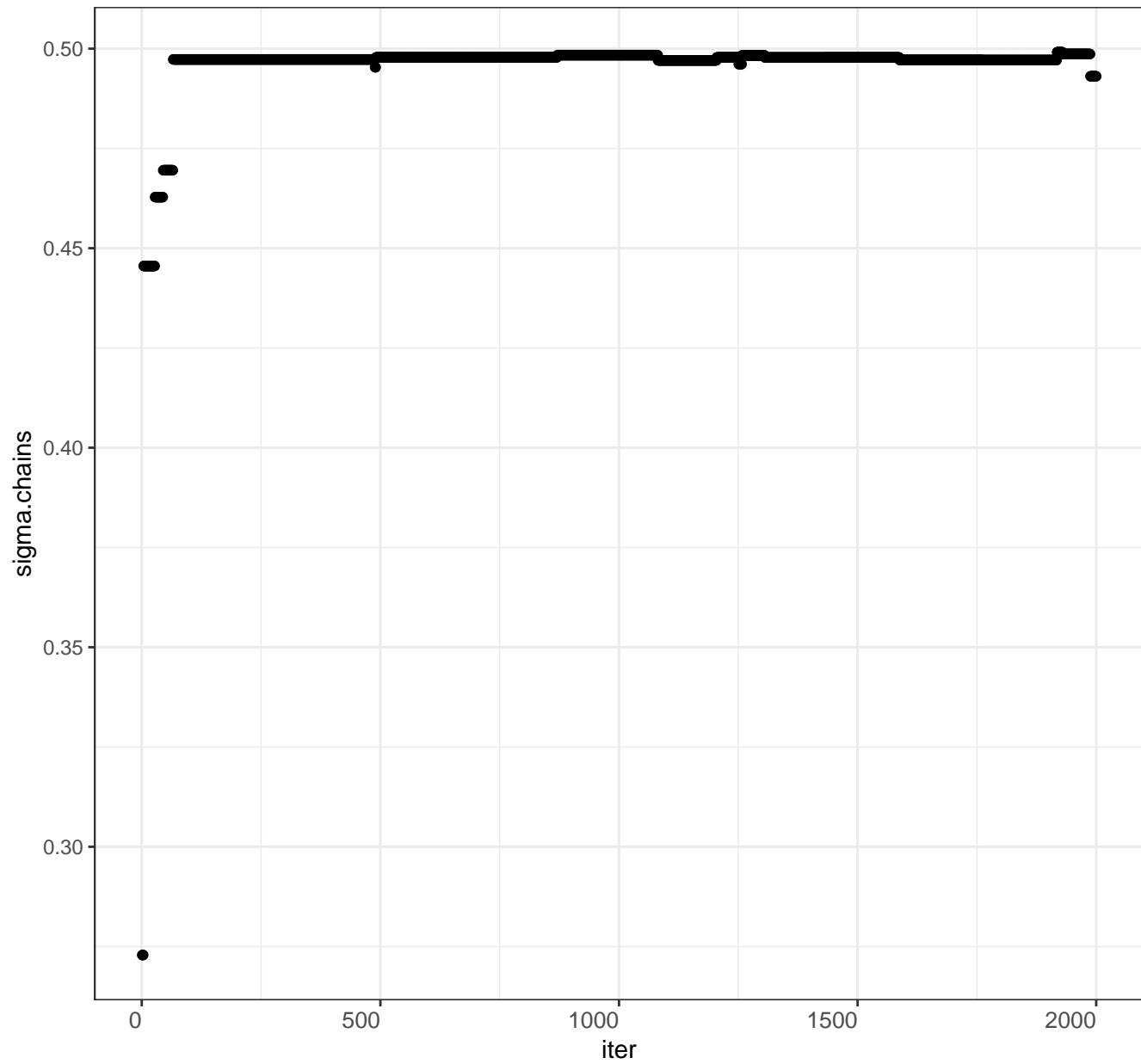


Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=5 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=20 ,r=5 true gr K=4 ,type=4 ,N=204

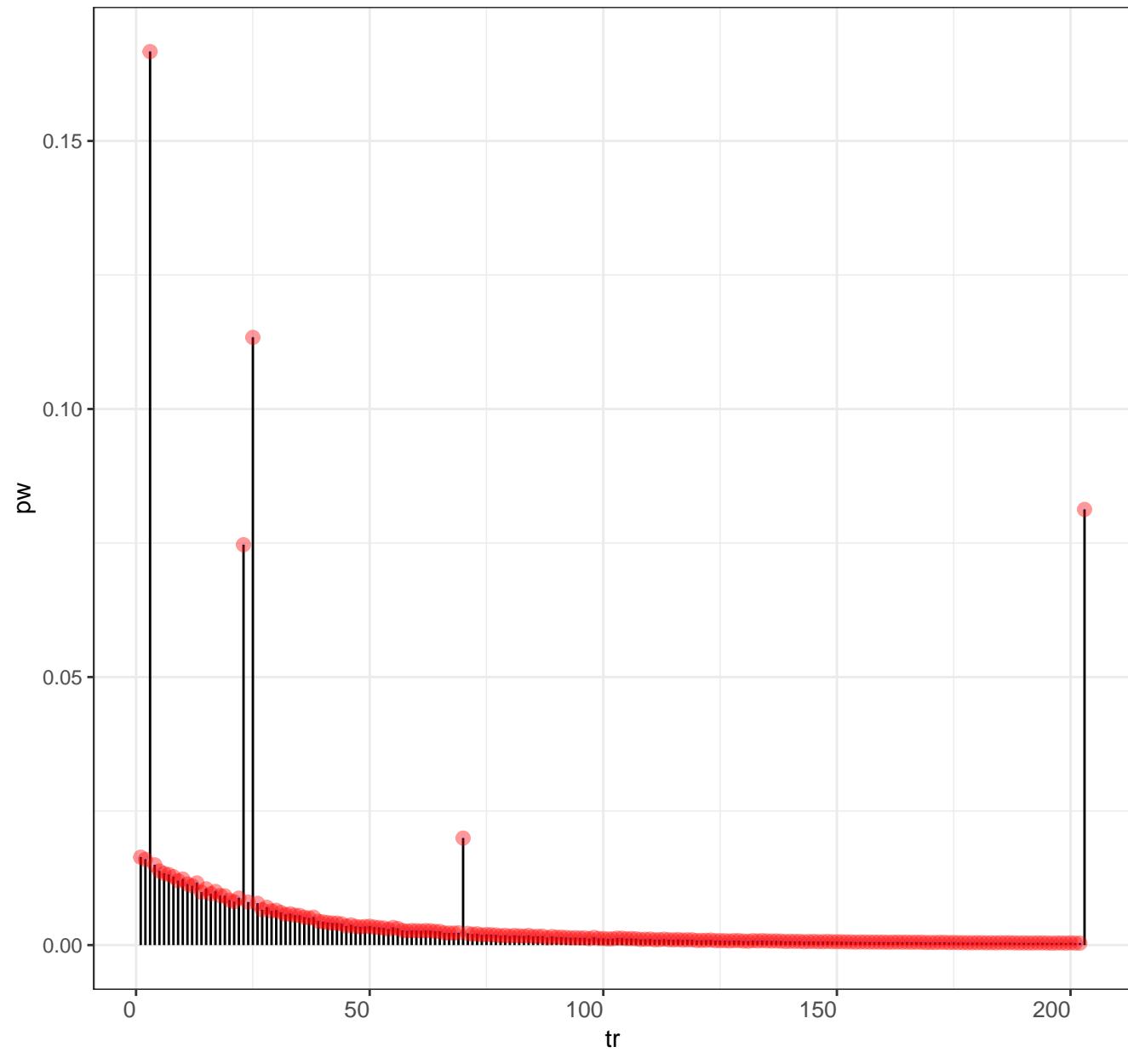


Trace plot for the sigma for S=20 r=5 true K=4 type=4

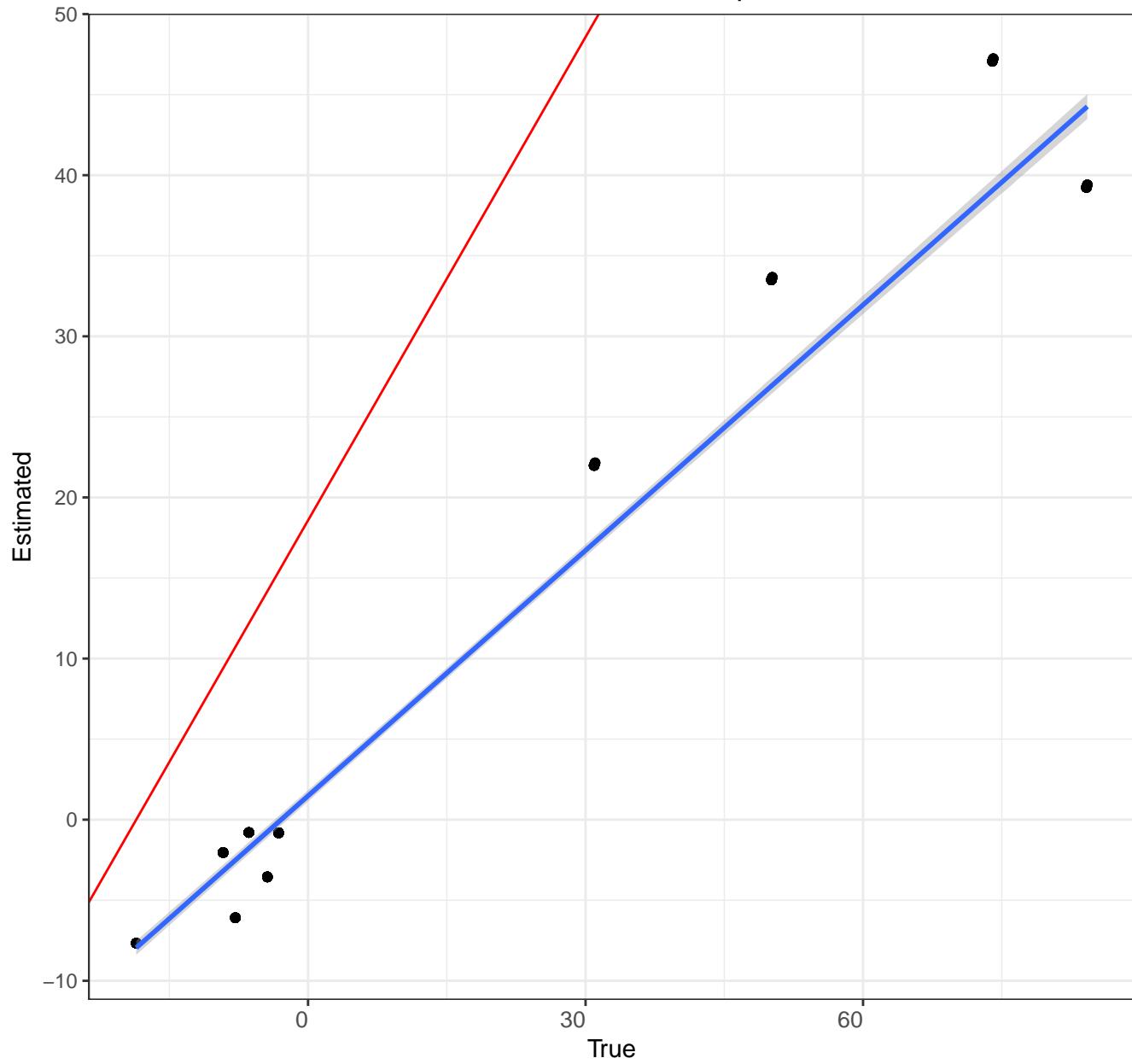


Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=20 ,r=5 true gr K=4 ,type=4 ,N=204 pN=0.081

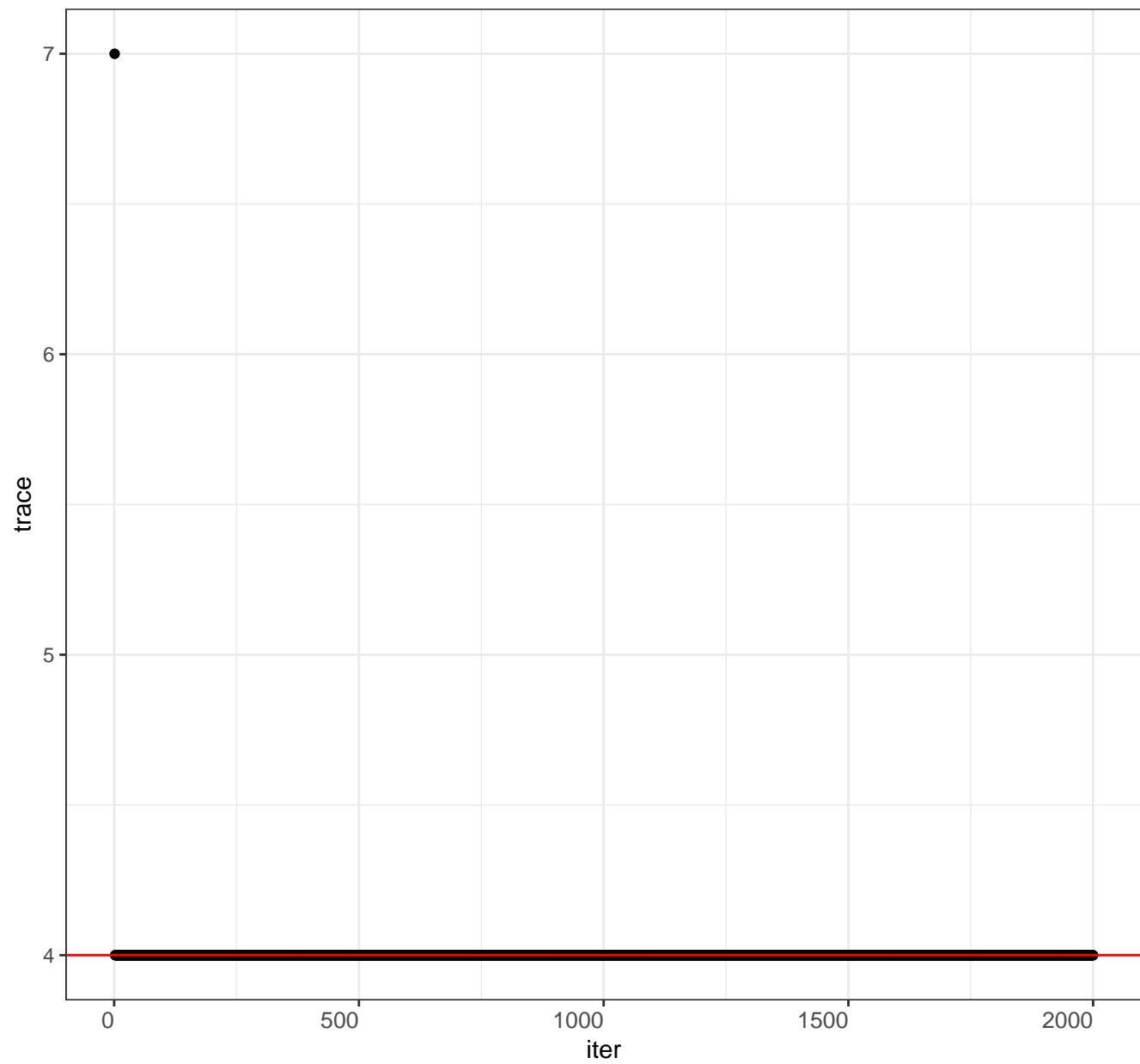


True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 r=5 true K=4 type=4

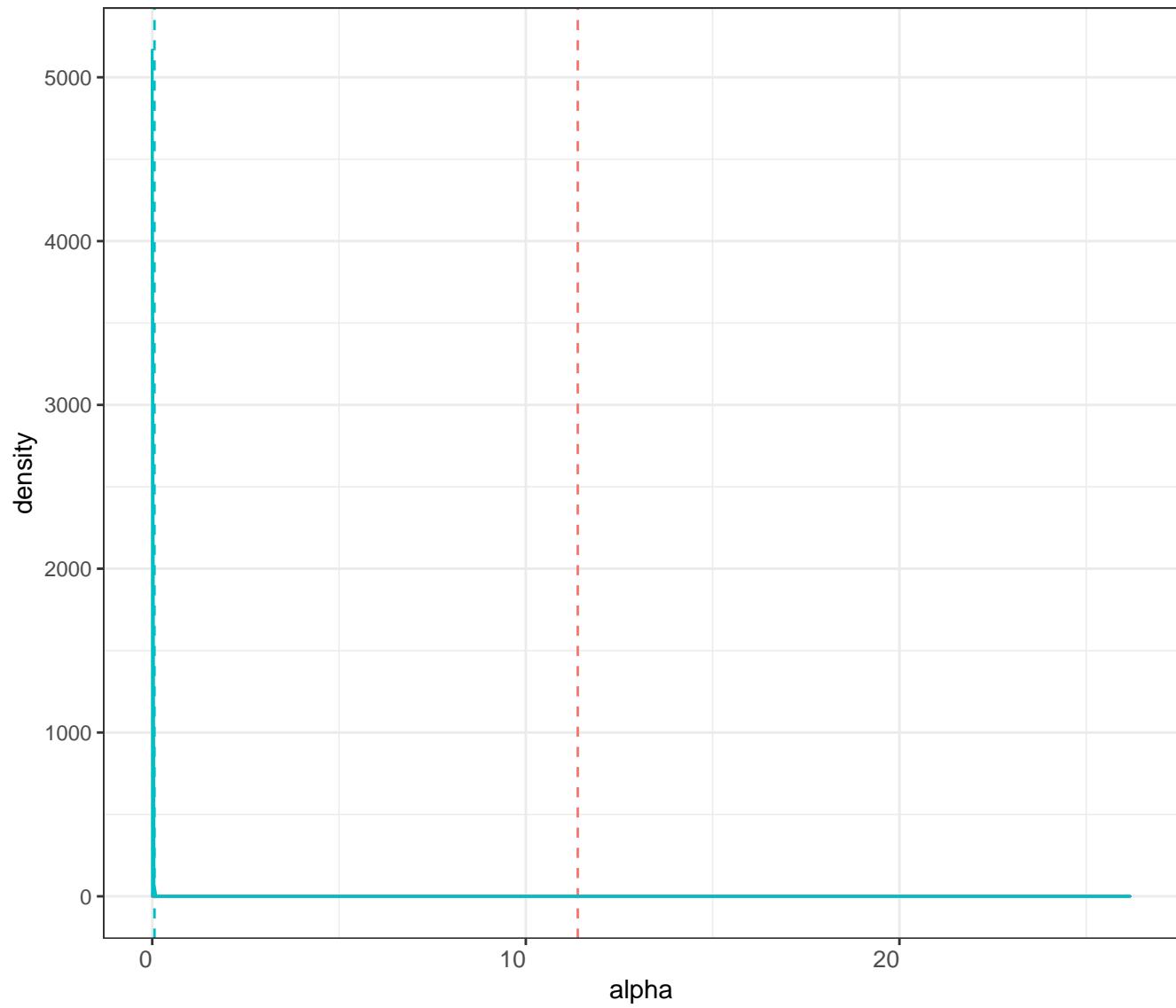
Trace plot for the number of groups K for S=20 r=5 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=20 ,r=5 true gr K=4 ,type=4 ,N=204

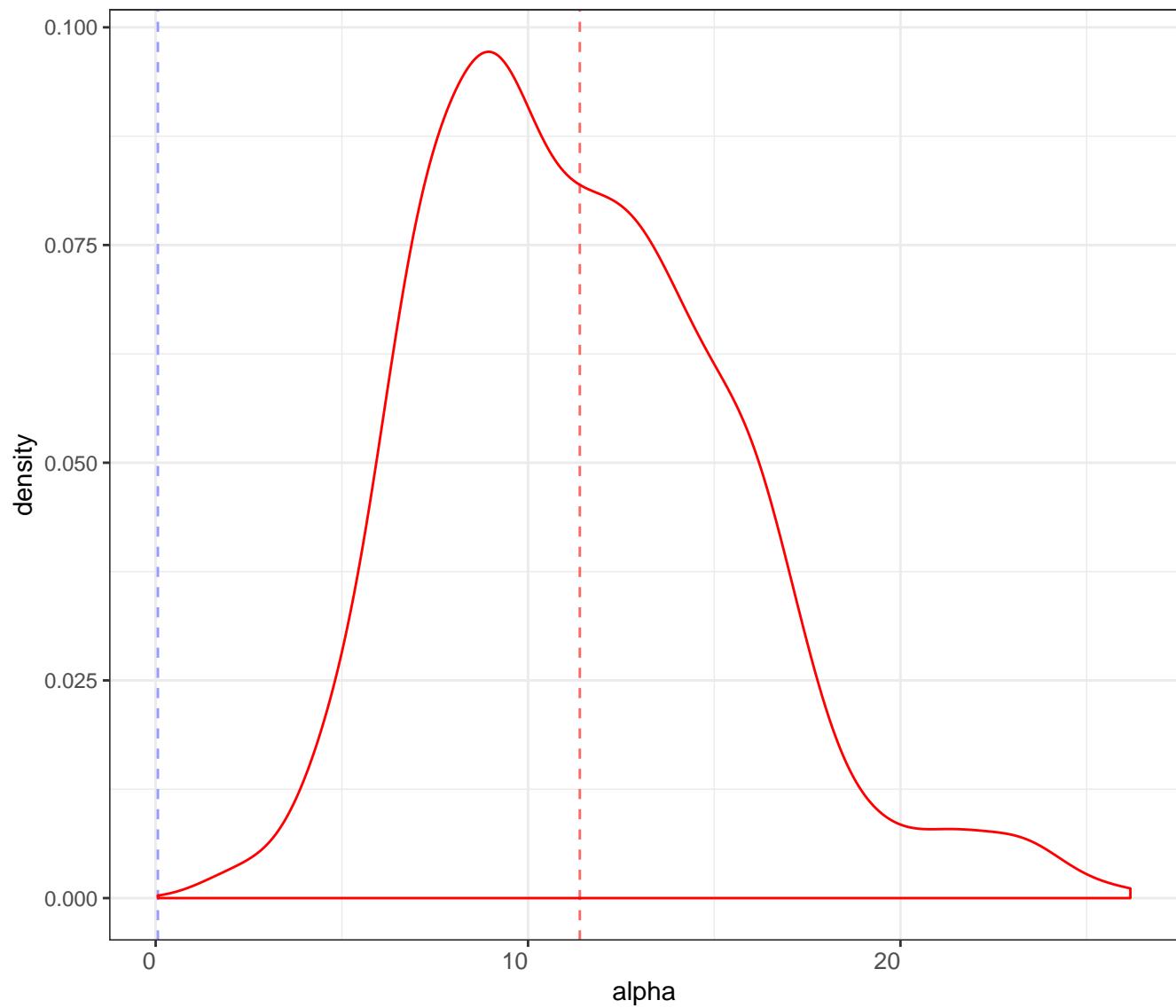
type  posterior  prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

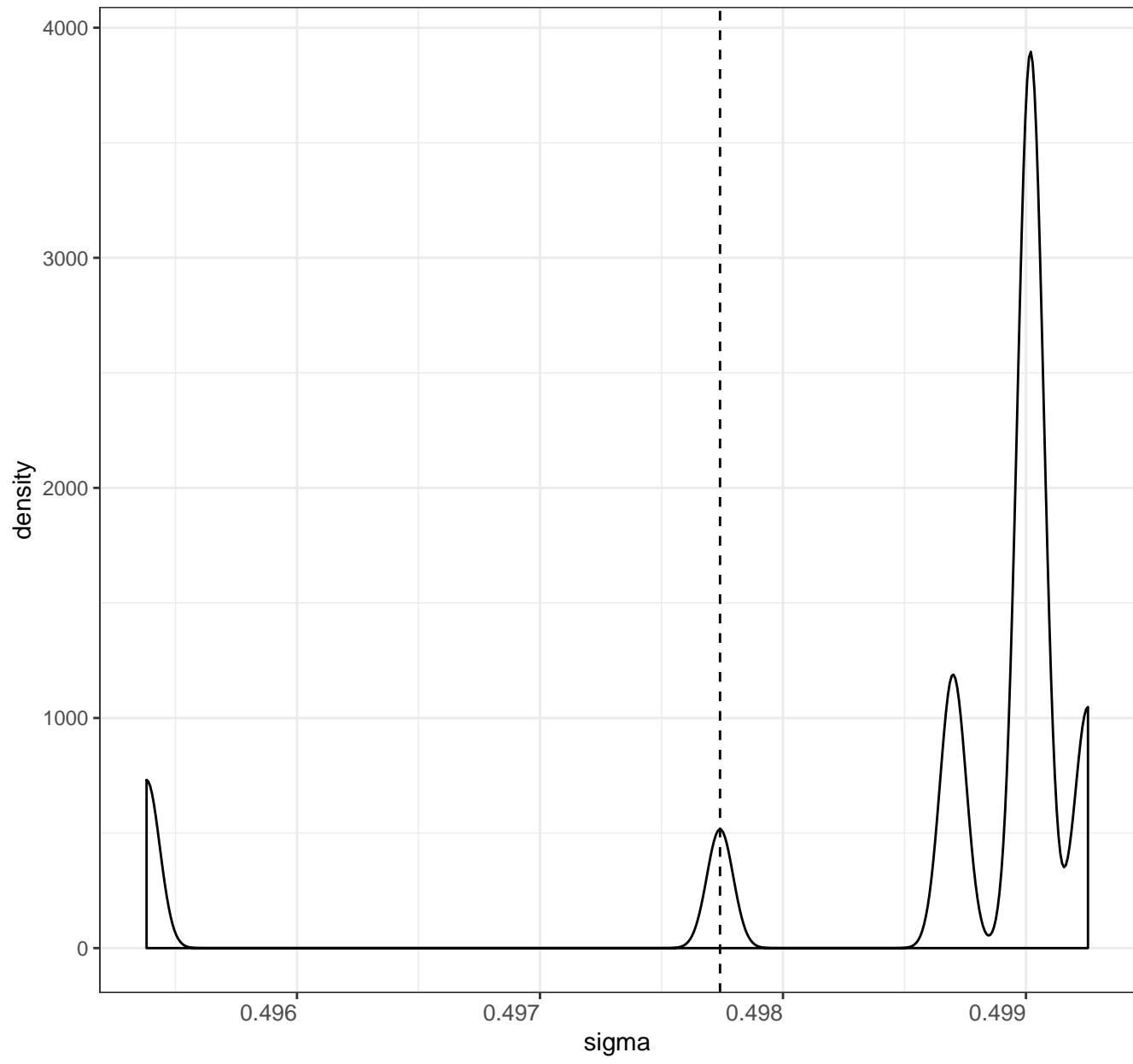
Posterior distribution for alpha

Legend | posterior mean | prior mean



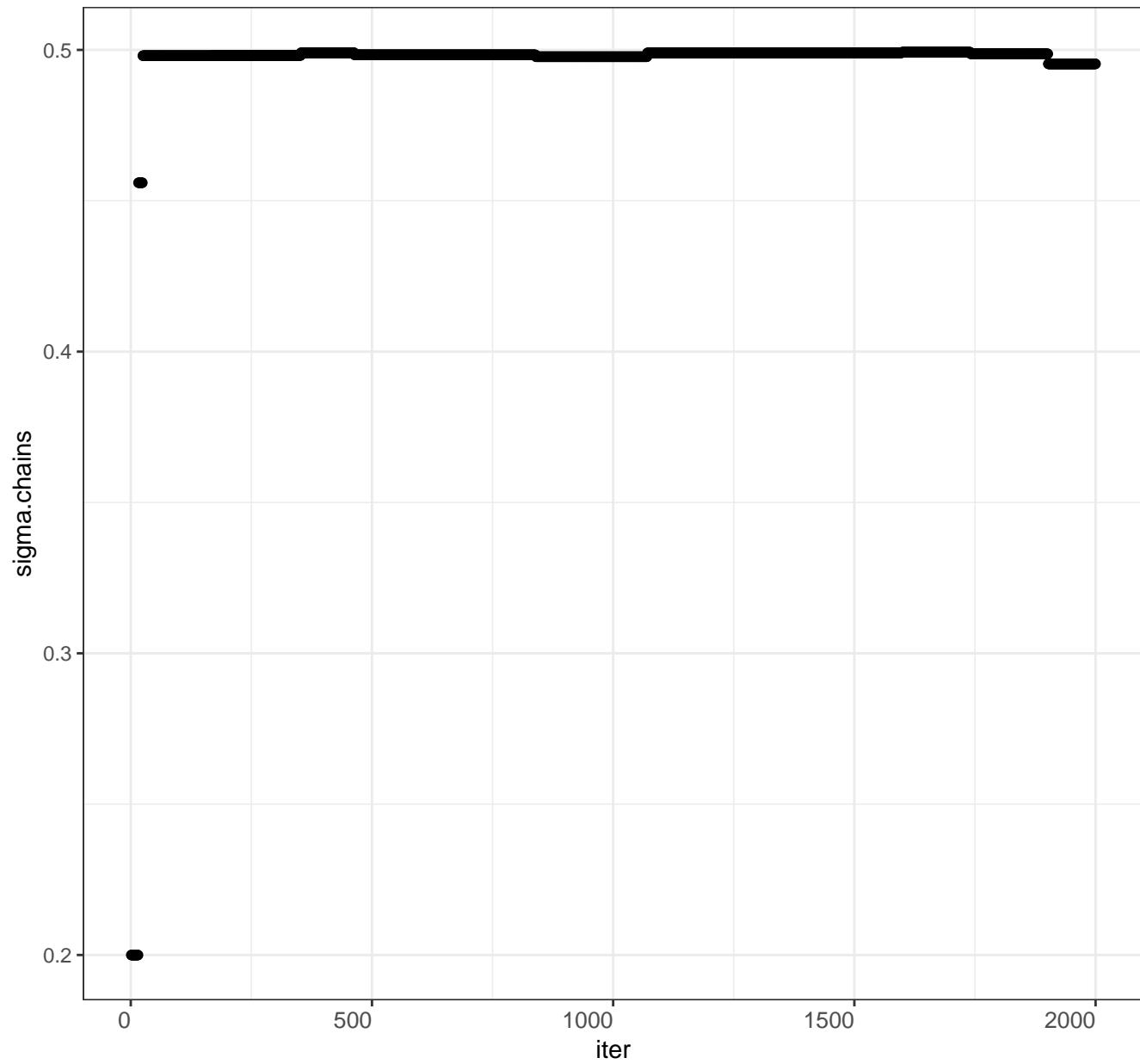
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=5 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=20 ,r=5 true gr K=4 ,type=4 ,N=204



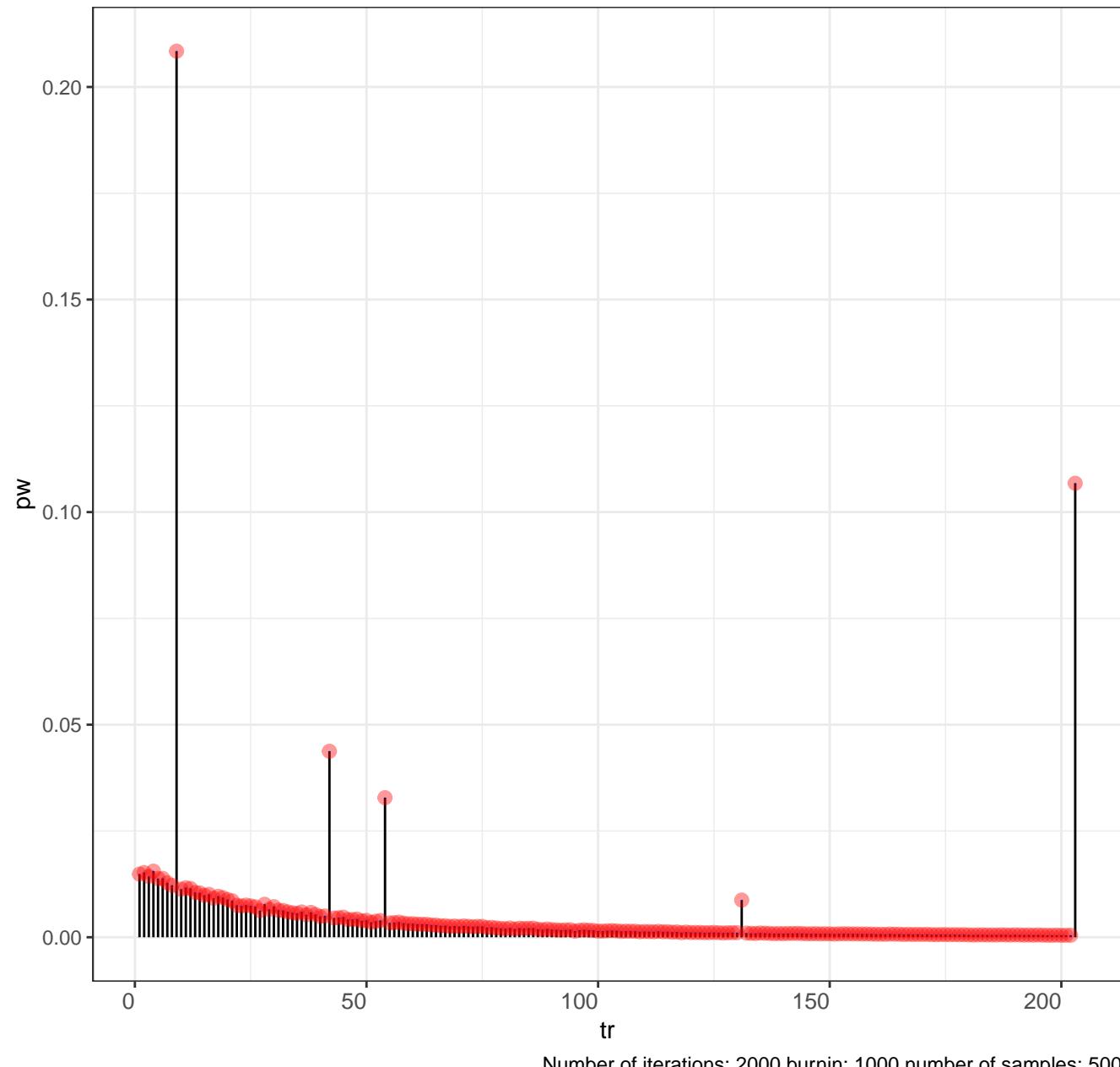
Number of iterations: 2000 burnin: 1000 number of samples: 500

Trace plot for the sigma for S=20 r=5 true K=4 type=4

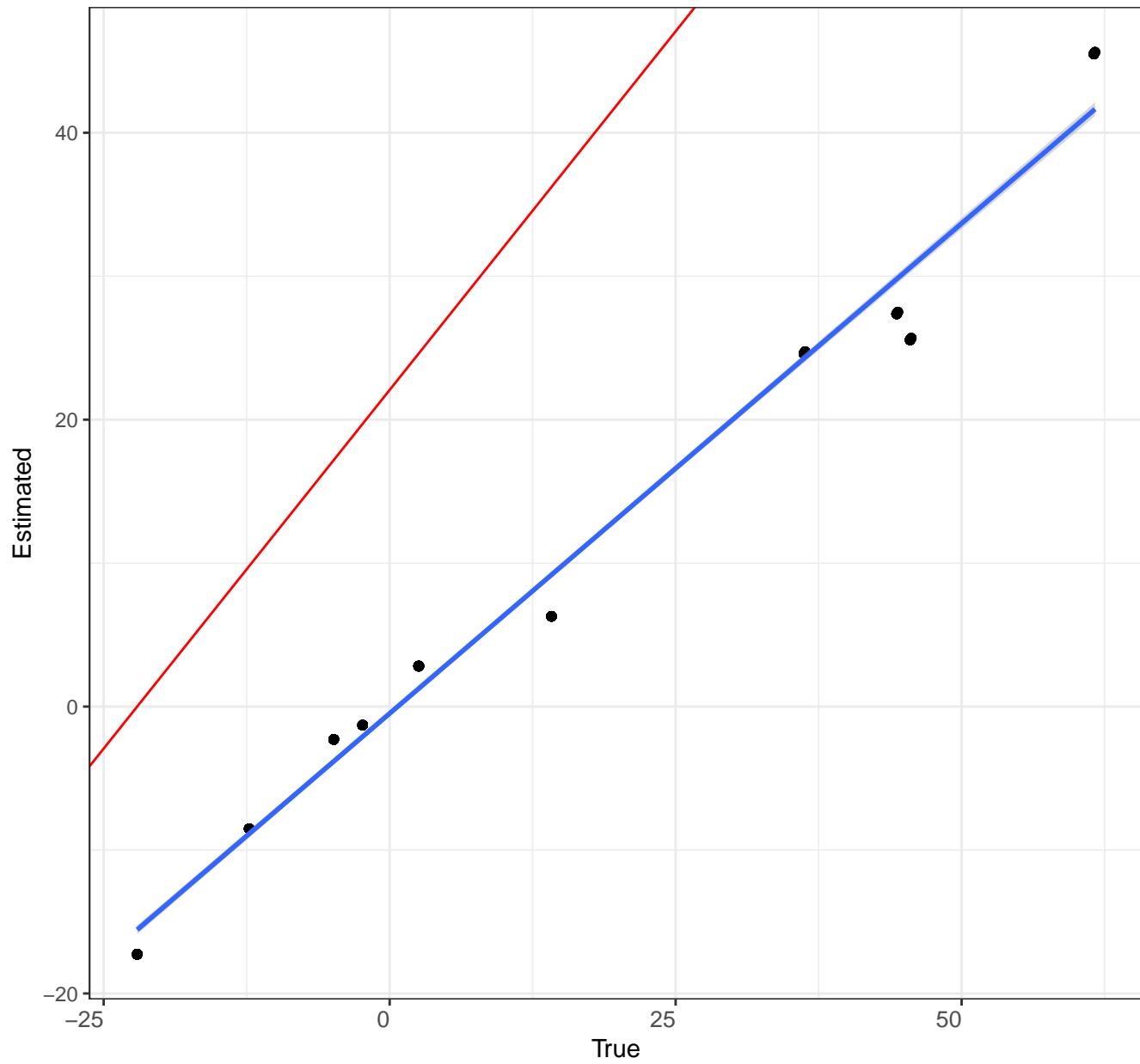


Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=20 ,r=5 true gr K=4 ,type=4 ,N=204 pN=0.107

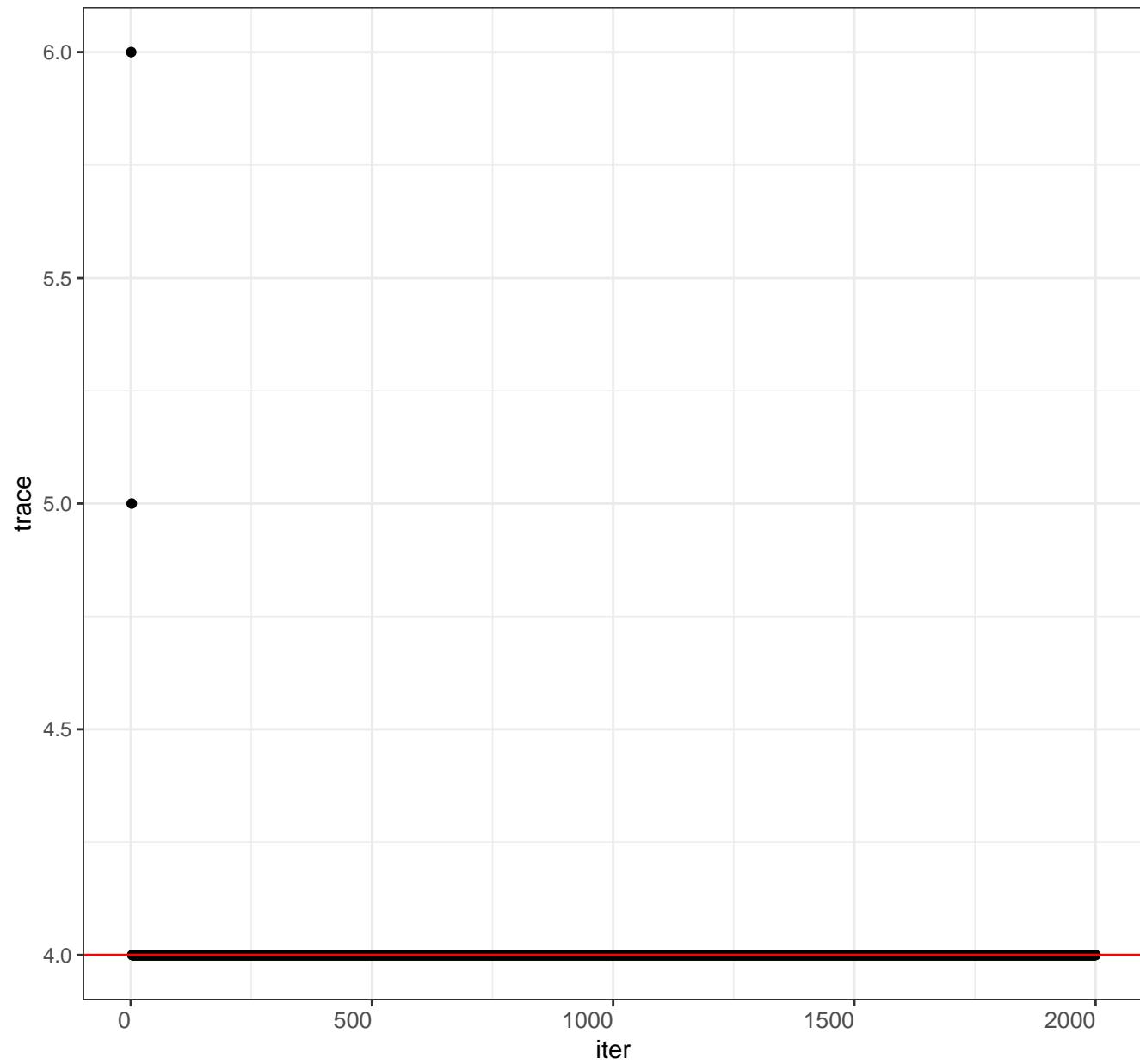


True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 r=5 true K=4 type=4

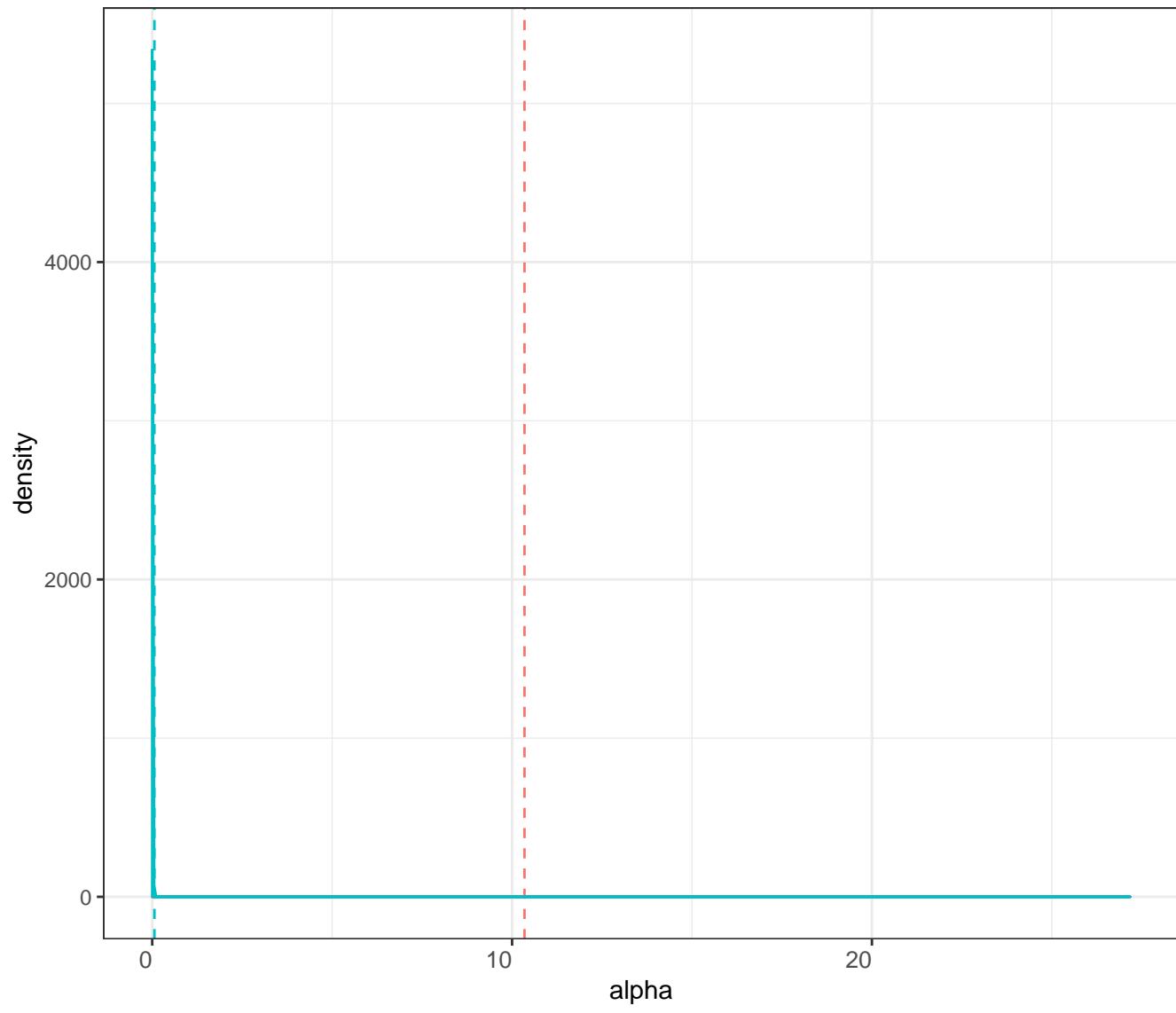
Trace plot for the number of groups K for S=20 r=5 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=20 ,r=5 true gr K=4 ,type=4 ,N=204

type  posterior  prior



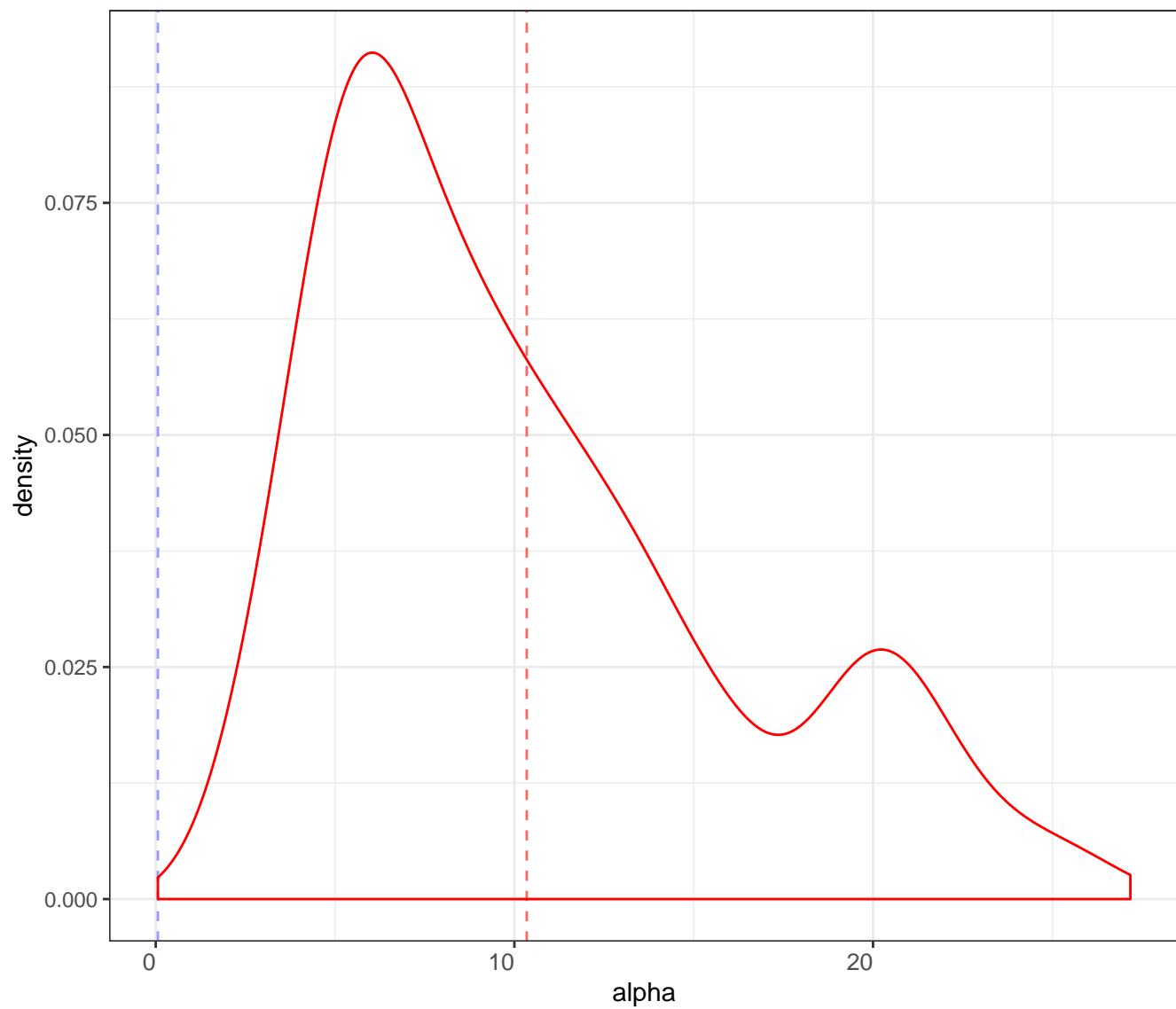
Number of iterations: 2000 burnin: 1000 number of samples: 500

Posterior distribution for alpha

Legend

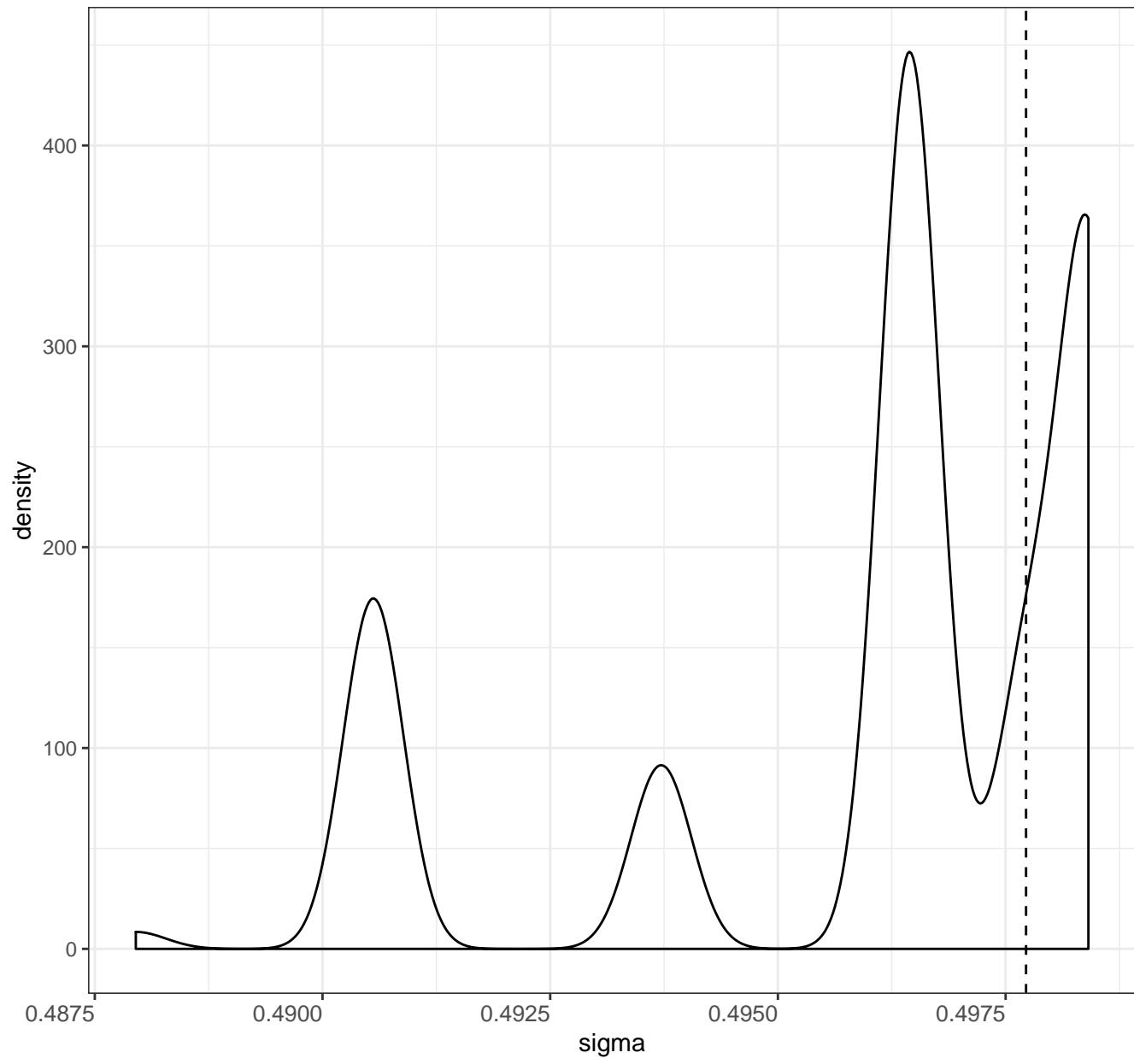
posterior mean

prior mean

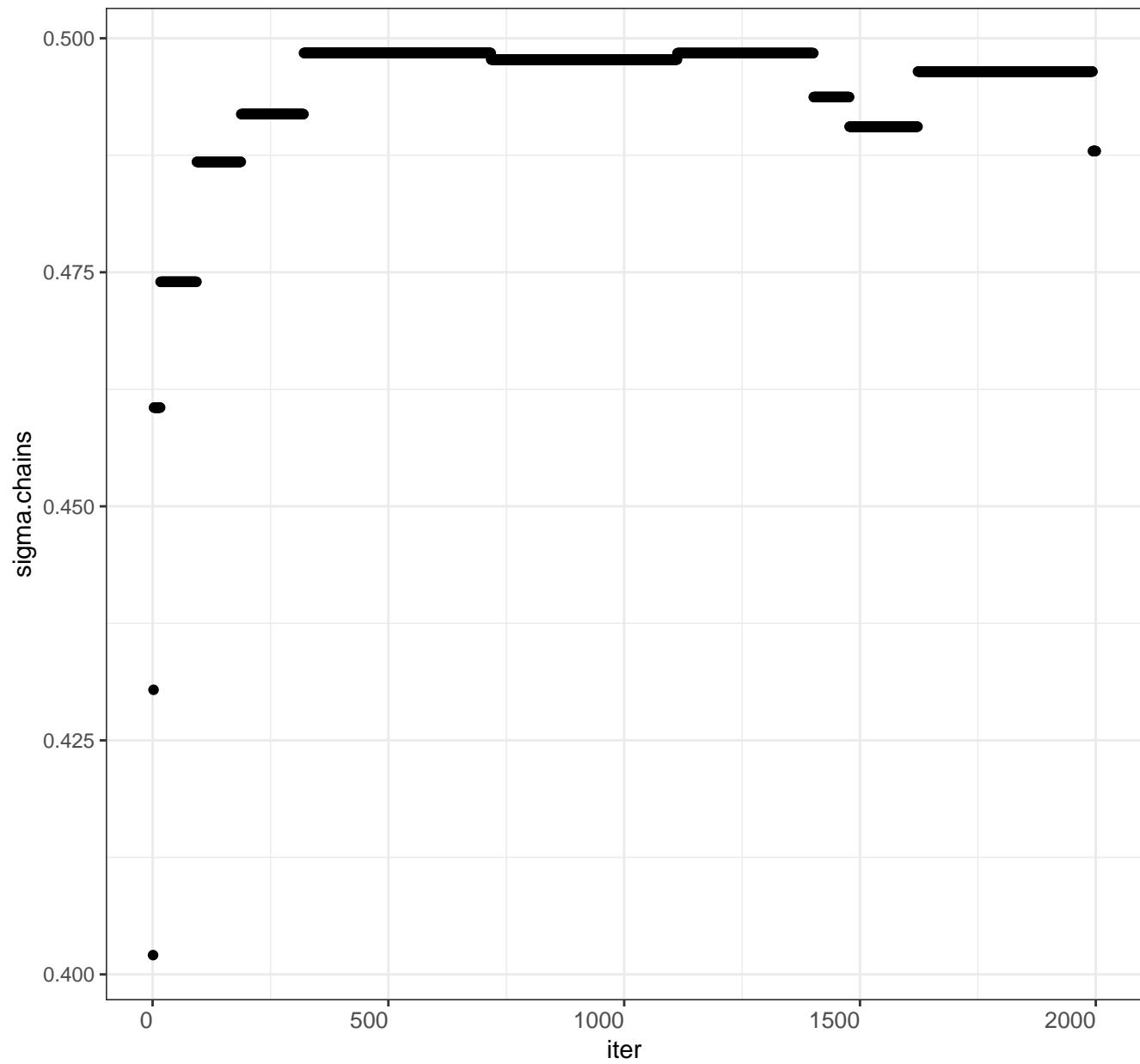


Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=5 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=20 ,r=5 true gr K=4 ,type=4 ,N=204

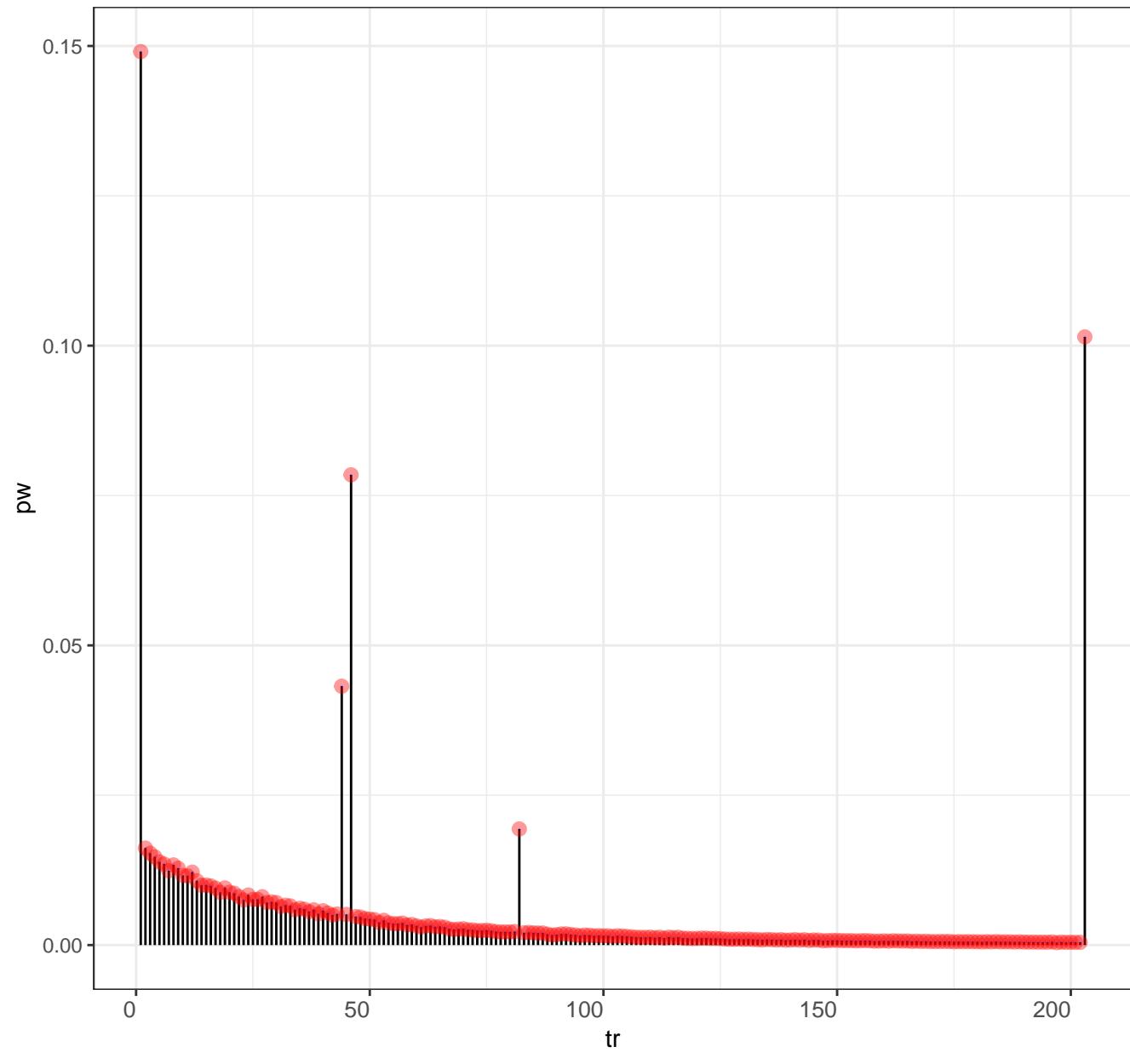


Trace plot for the sigma for S=20 r=5 true K=4 type=4



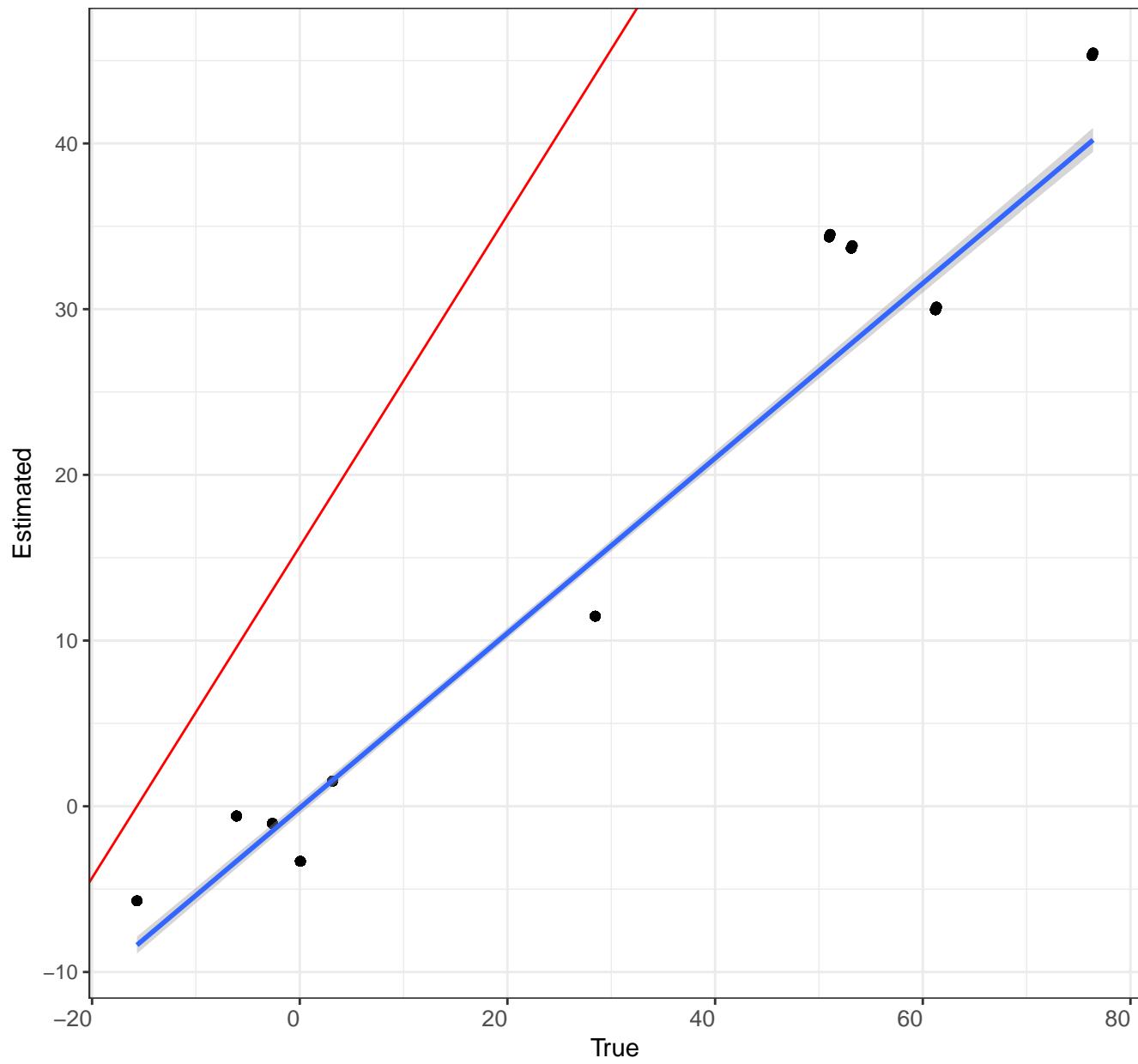
Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=20 ,r=5 true gr K=4 ,type=4 ,N=204 pN=0.101



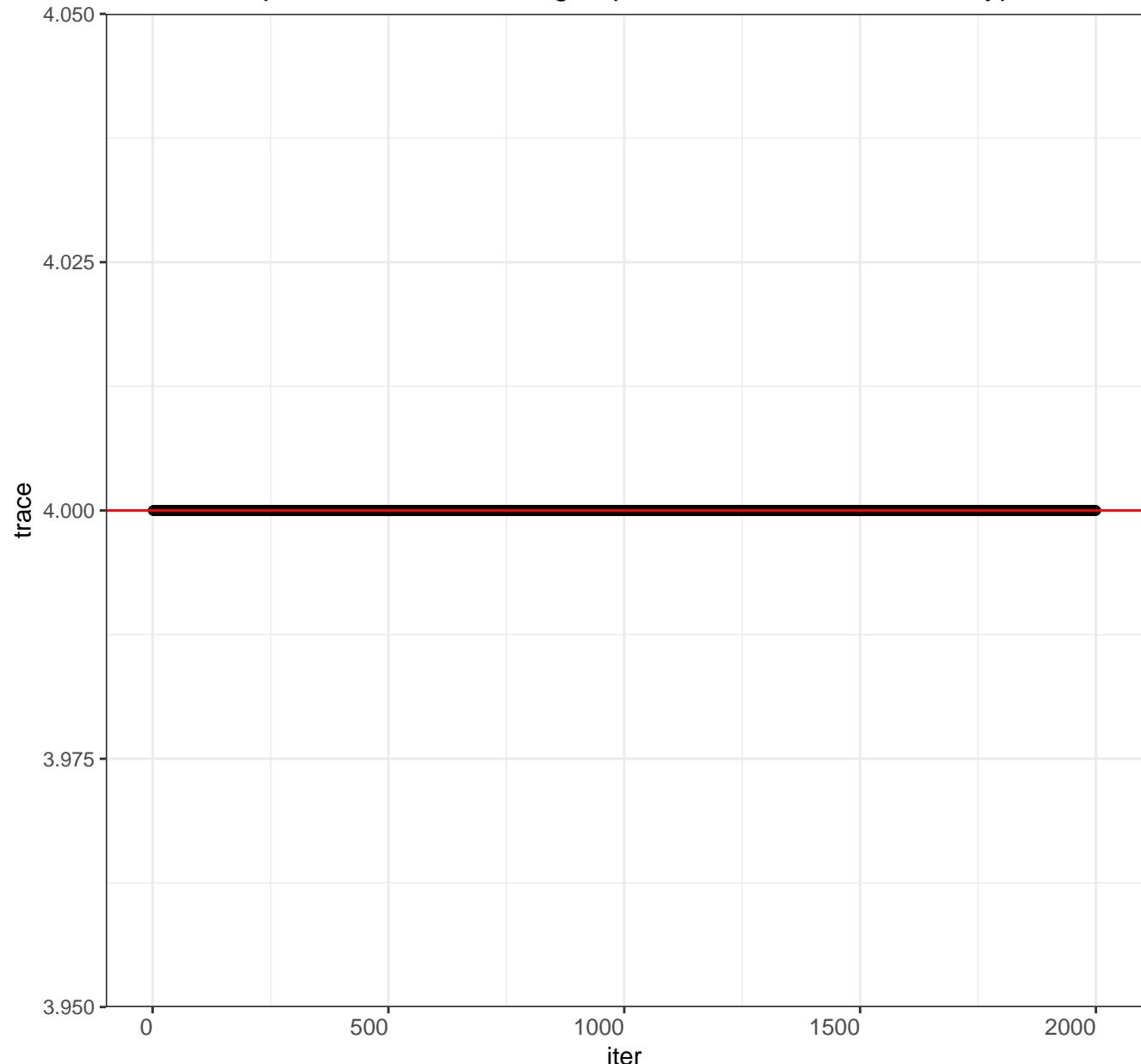
Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 r=5 true K=4 type=4

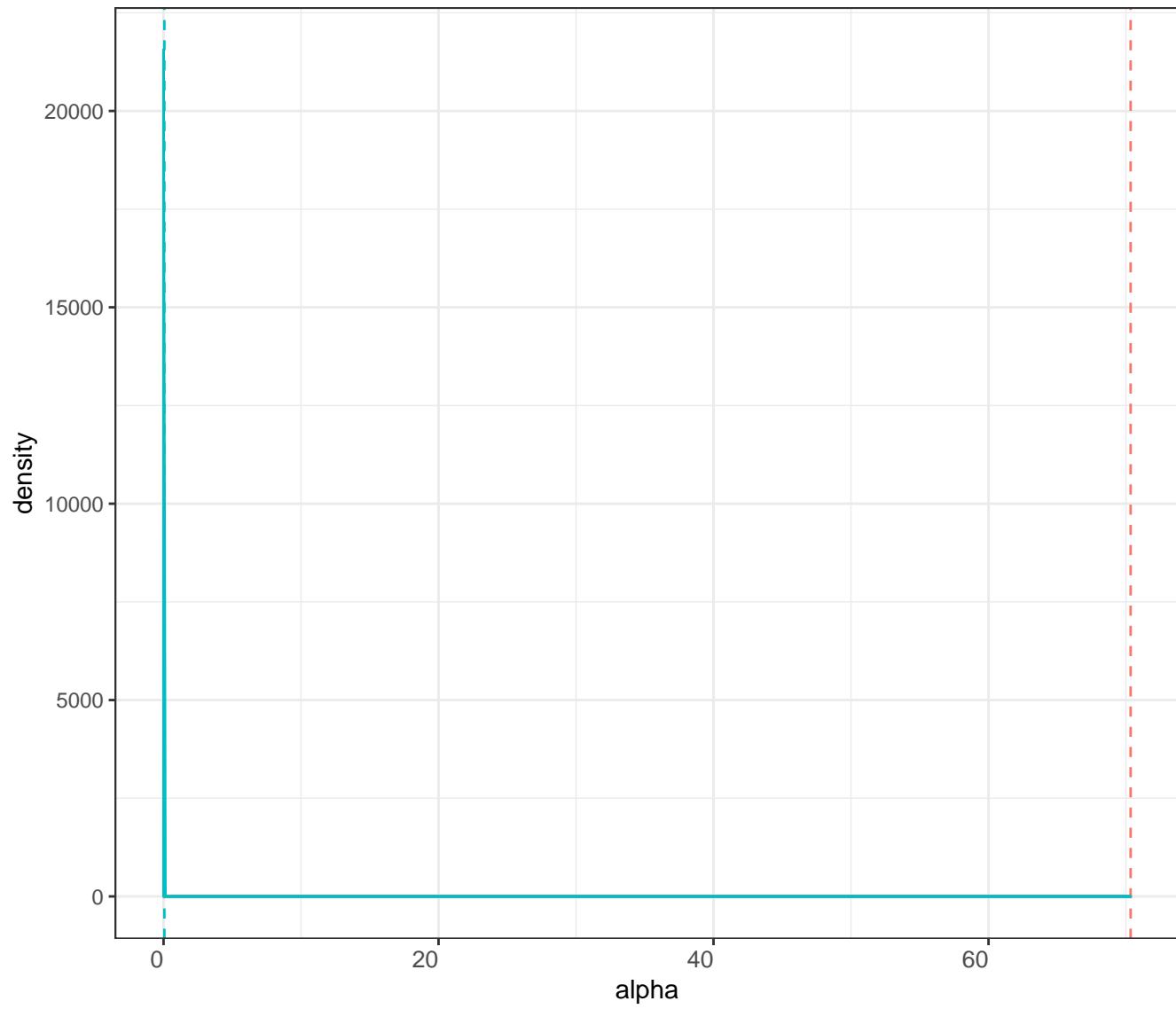
Trace plot for the number of groups K for S=20 r=5 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=20 ,r=5 true gr K=4 ,type=4 ,N=204

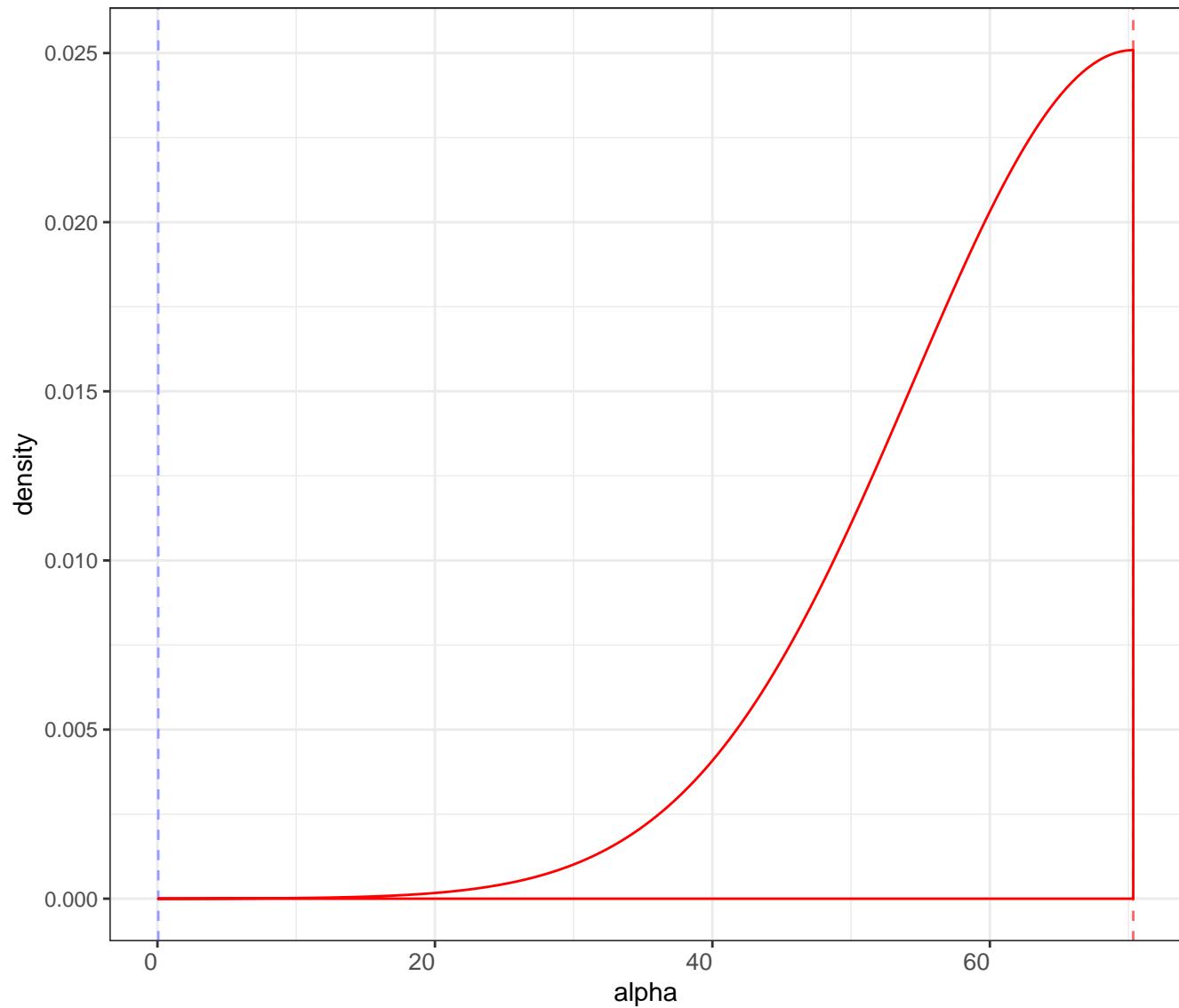
type  posterior  prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

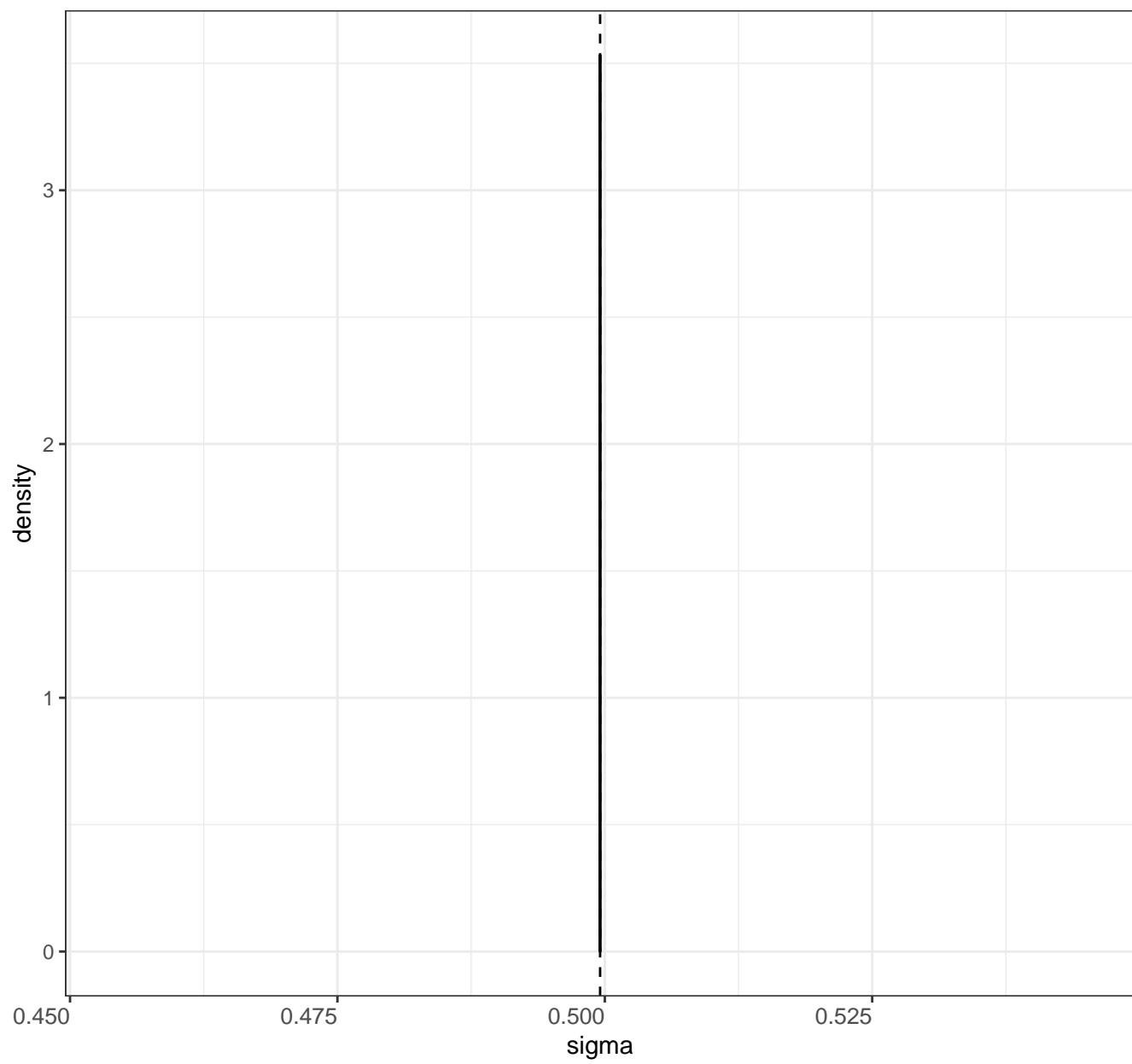
Posterior distribution for alpha

Legend | posterior mean | prior mean



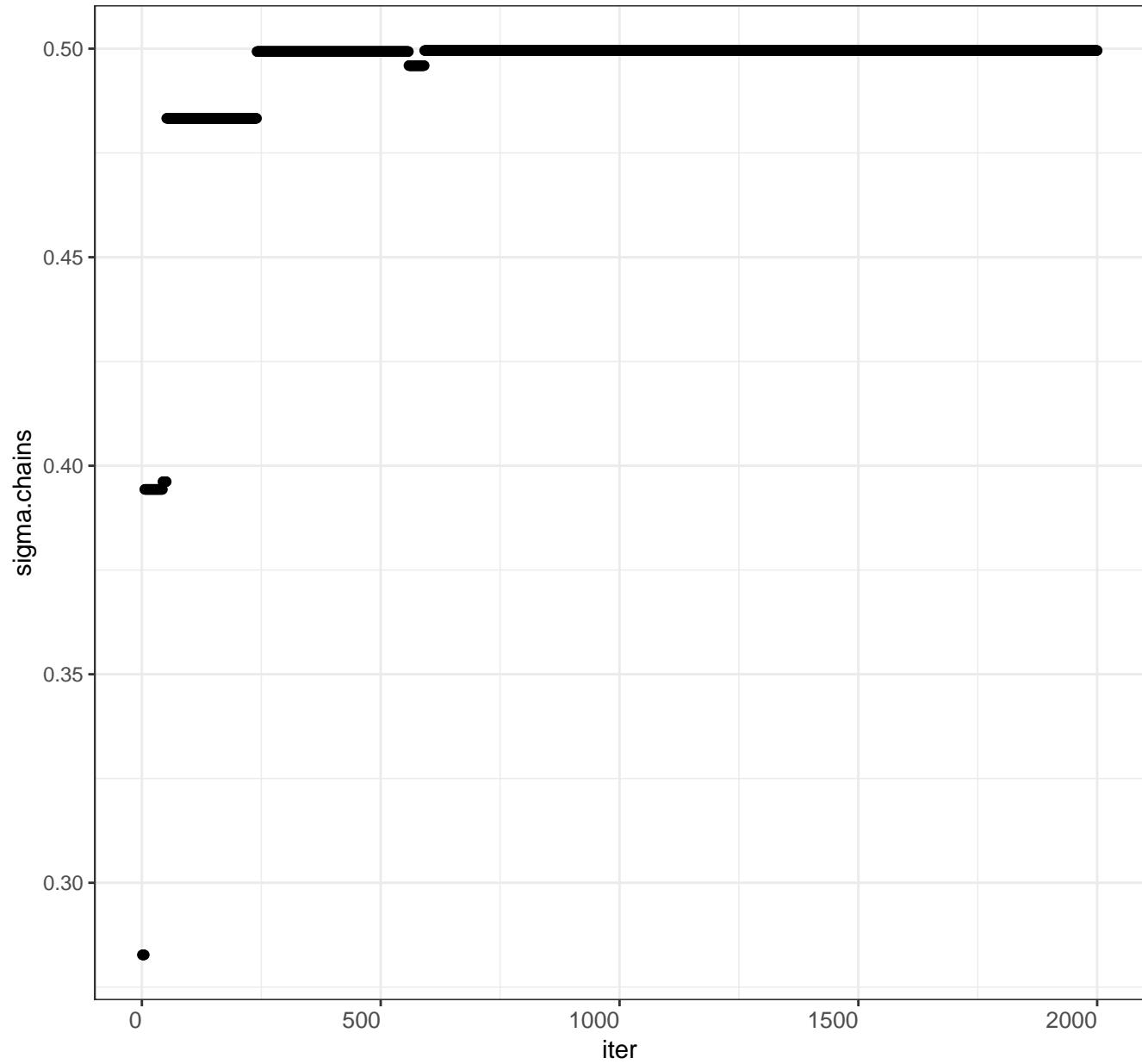
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=5 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=20 ,r=5 true gr K=4 ,type=4 ,N=204



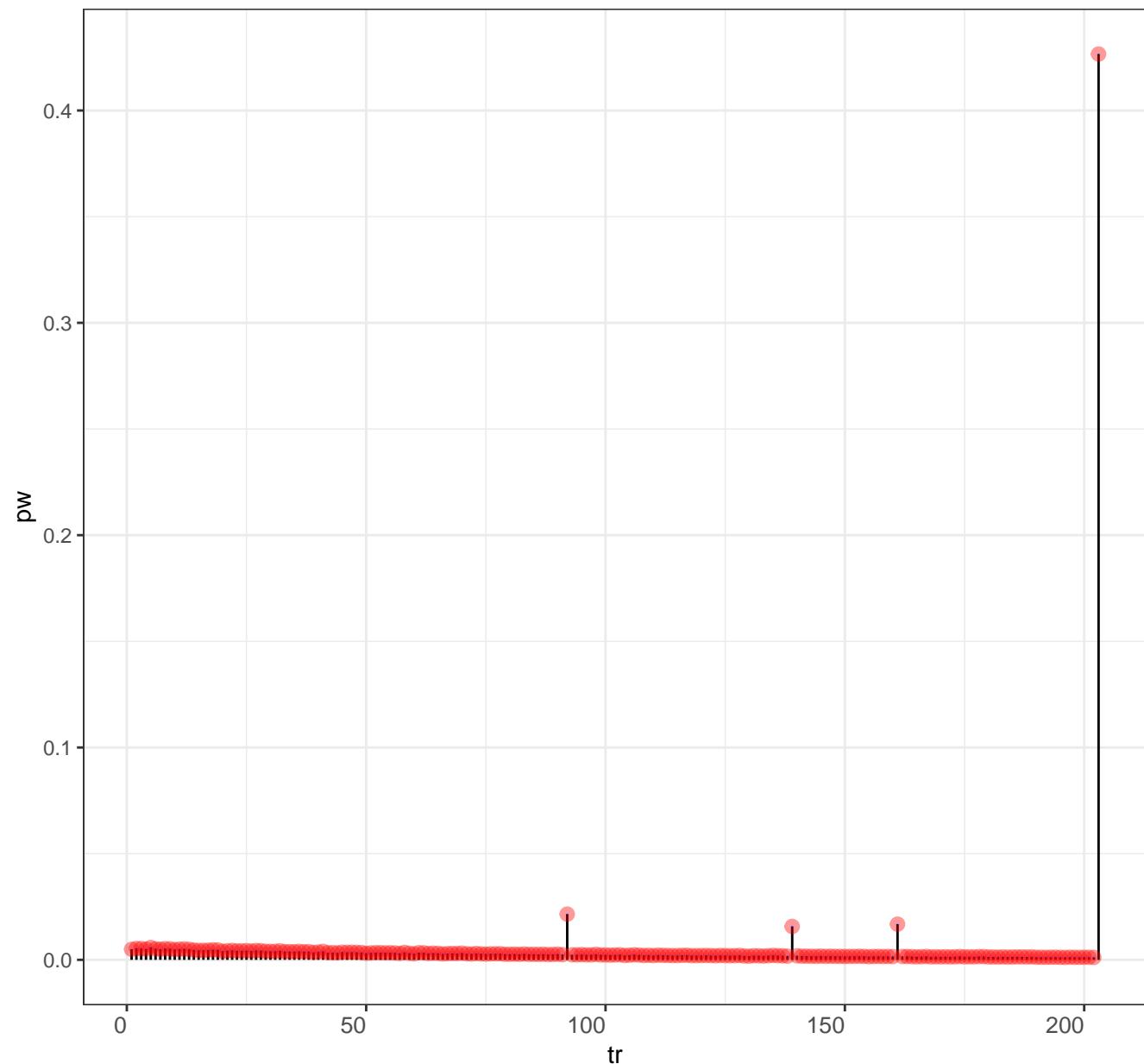
Number of iterations: 2000 burnin: 1000 number of samples: 500

Trace plot for the sigma for S=20 r=5 true K=4 type=4



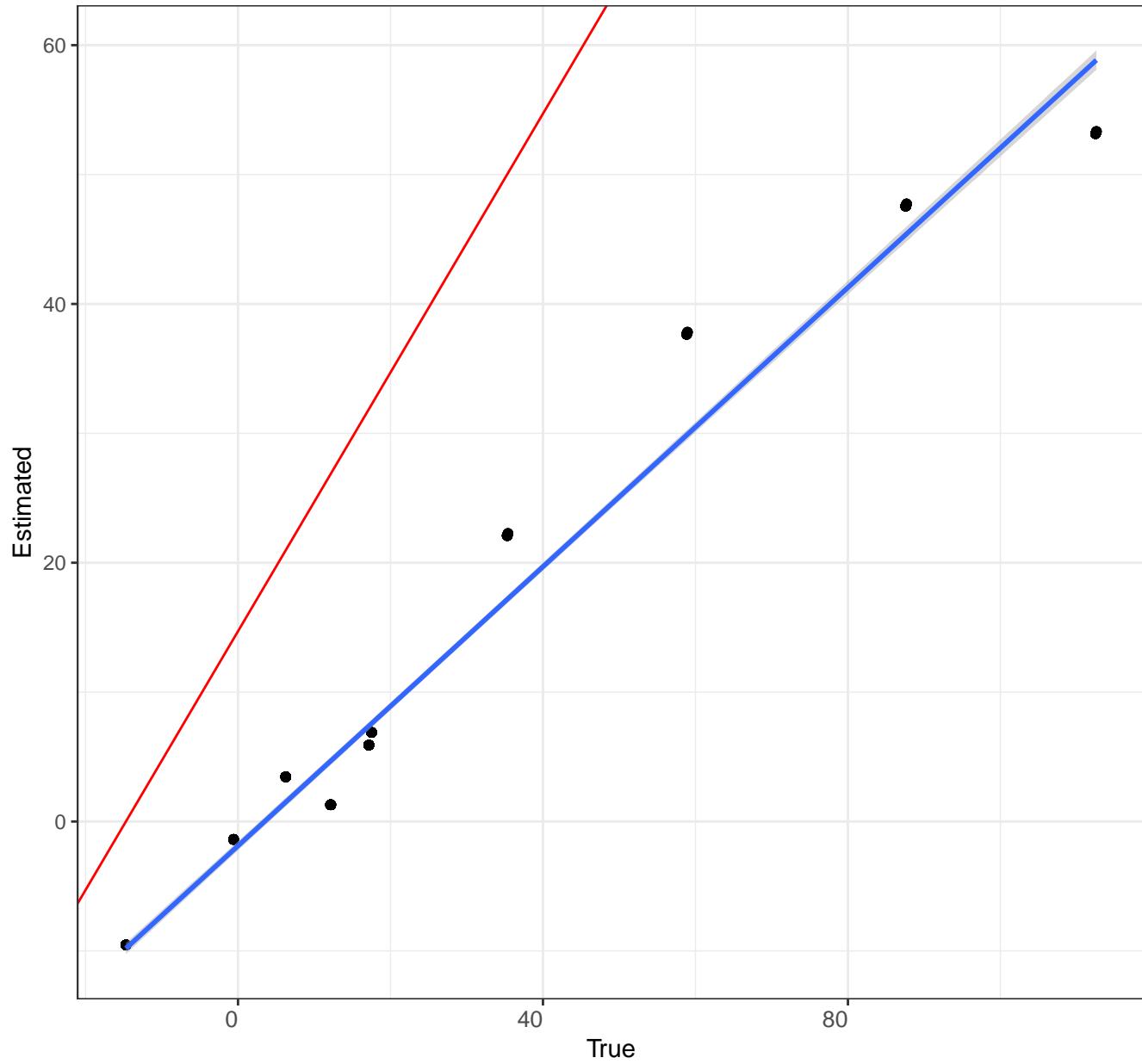
Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=20 ,r=5 true gr K=4 ,type=4 ,N=204 pN=0.427



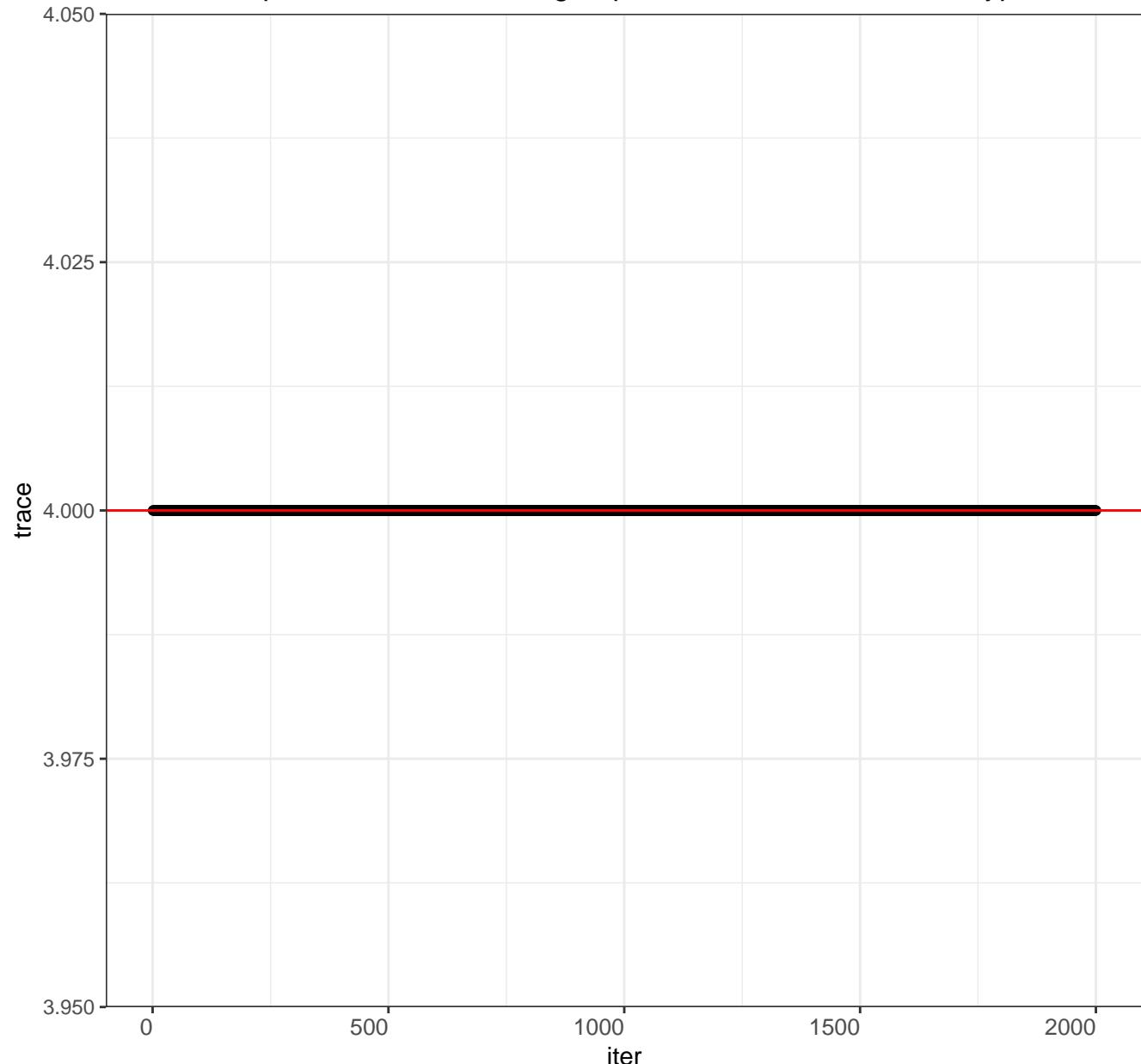
Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 r=5 true K=4 type=4

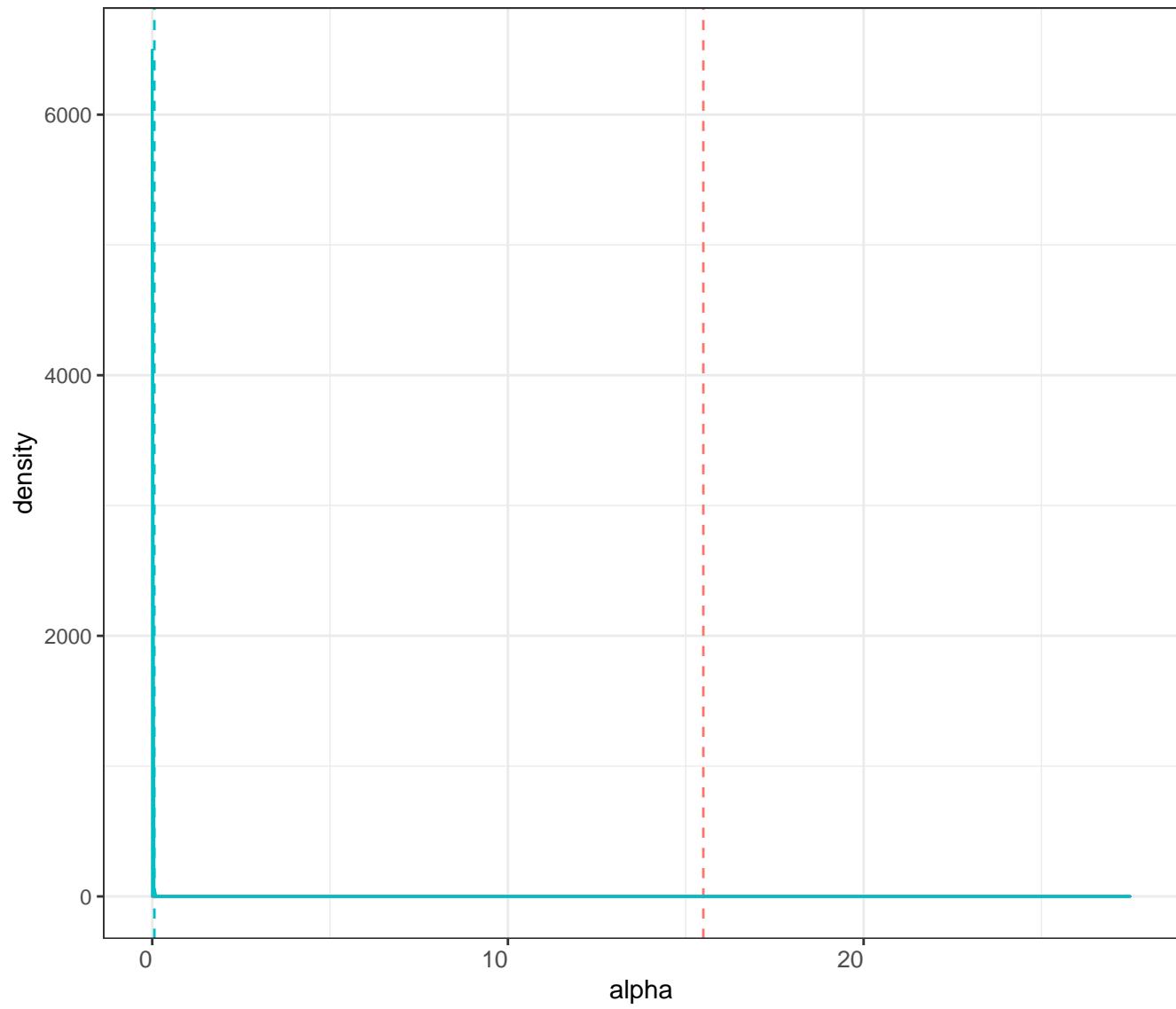
Trace plot for the number of groups K for S=20 r=5 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=20 ,r=5 true gr K=4 ,type=4 ,N=204

type  posterior  prior



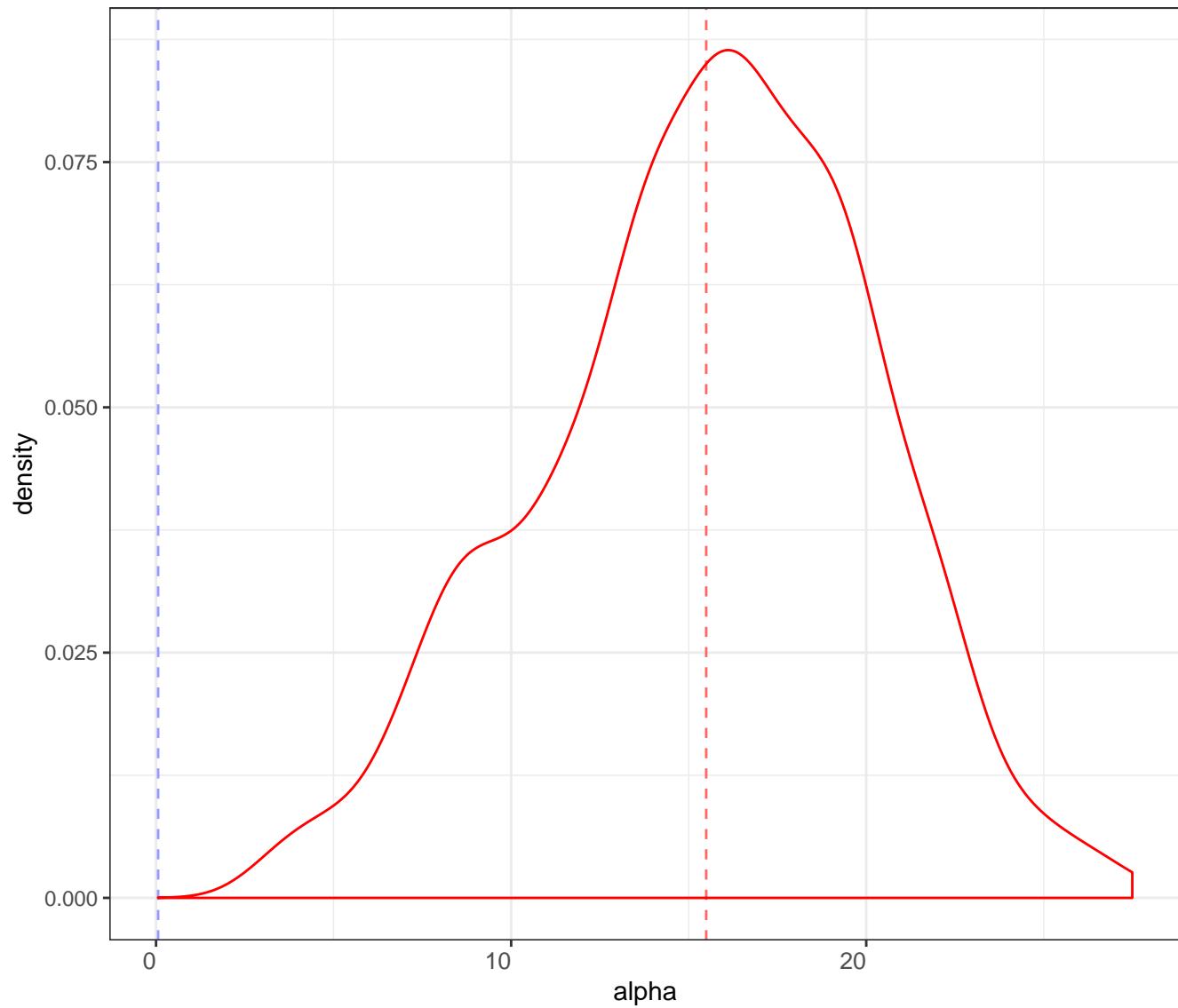
Number of iterations: 2000 burnin: 1000 number of samples: 500

Posterior distribution for alpha

Legend

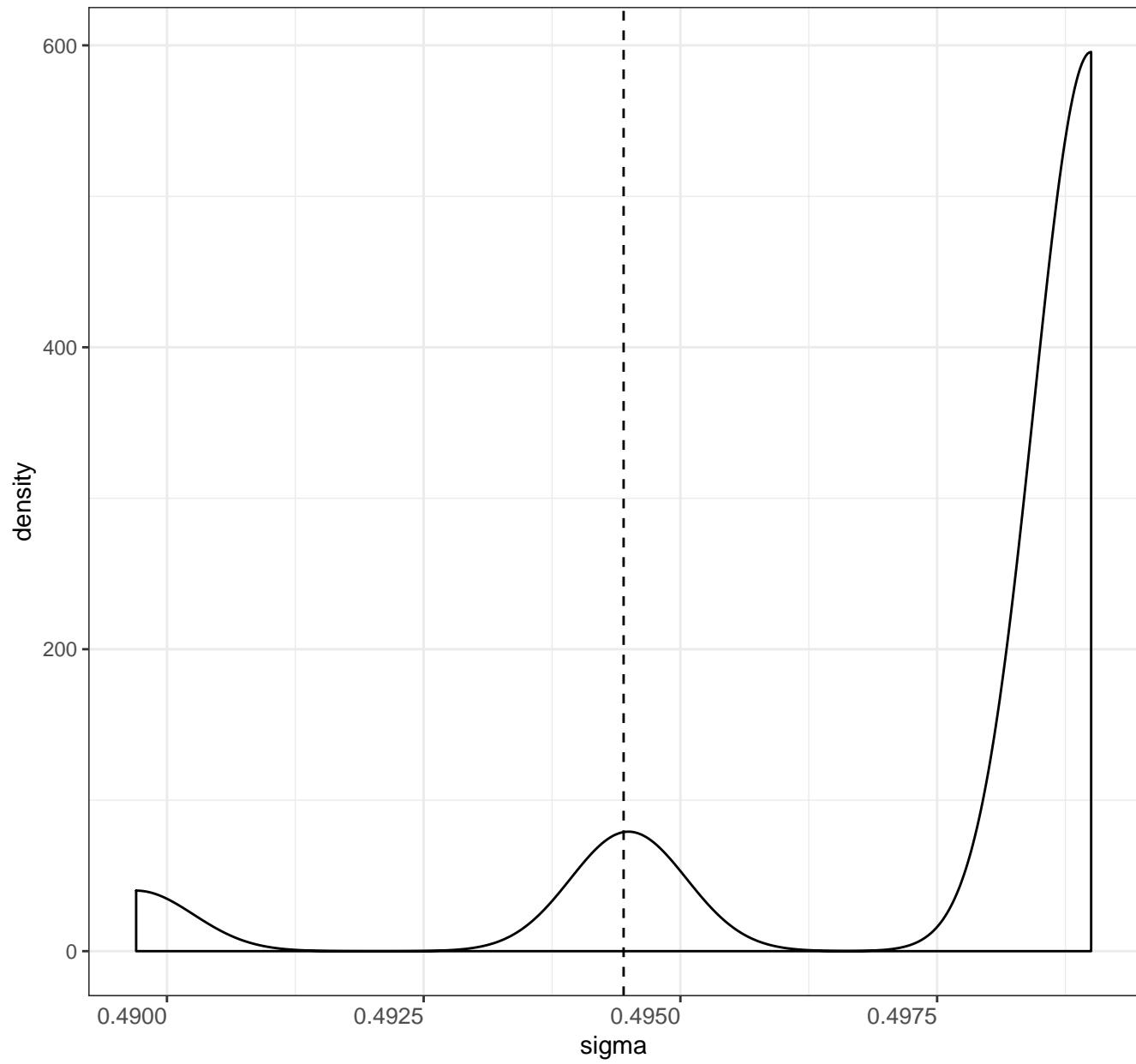
posterior mean

prior mean

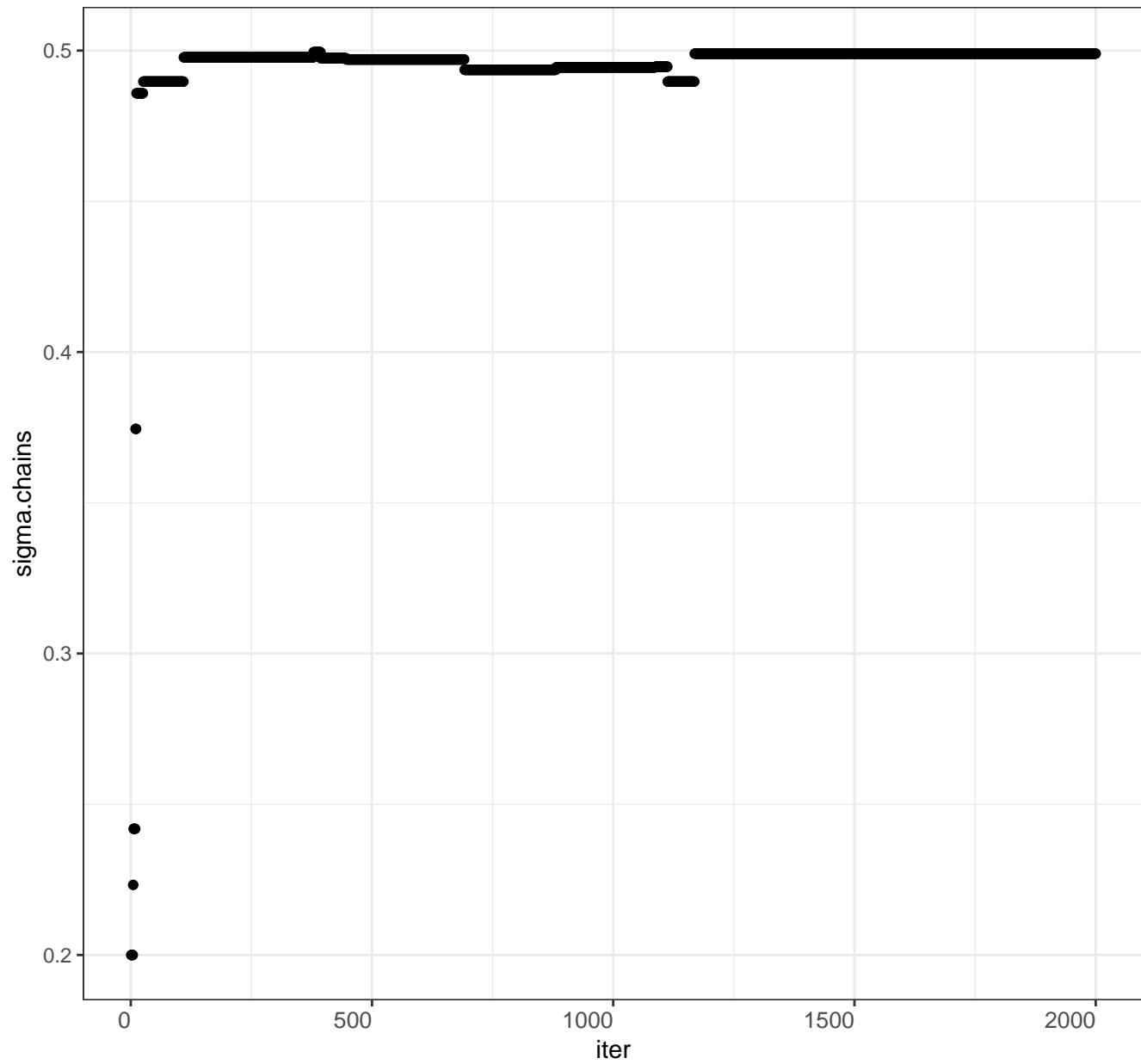


Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=5 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=20 ,r=5 true gr K=4 ,type=4 ,N=204

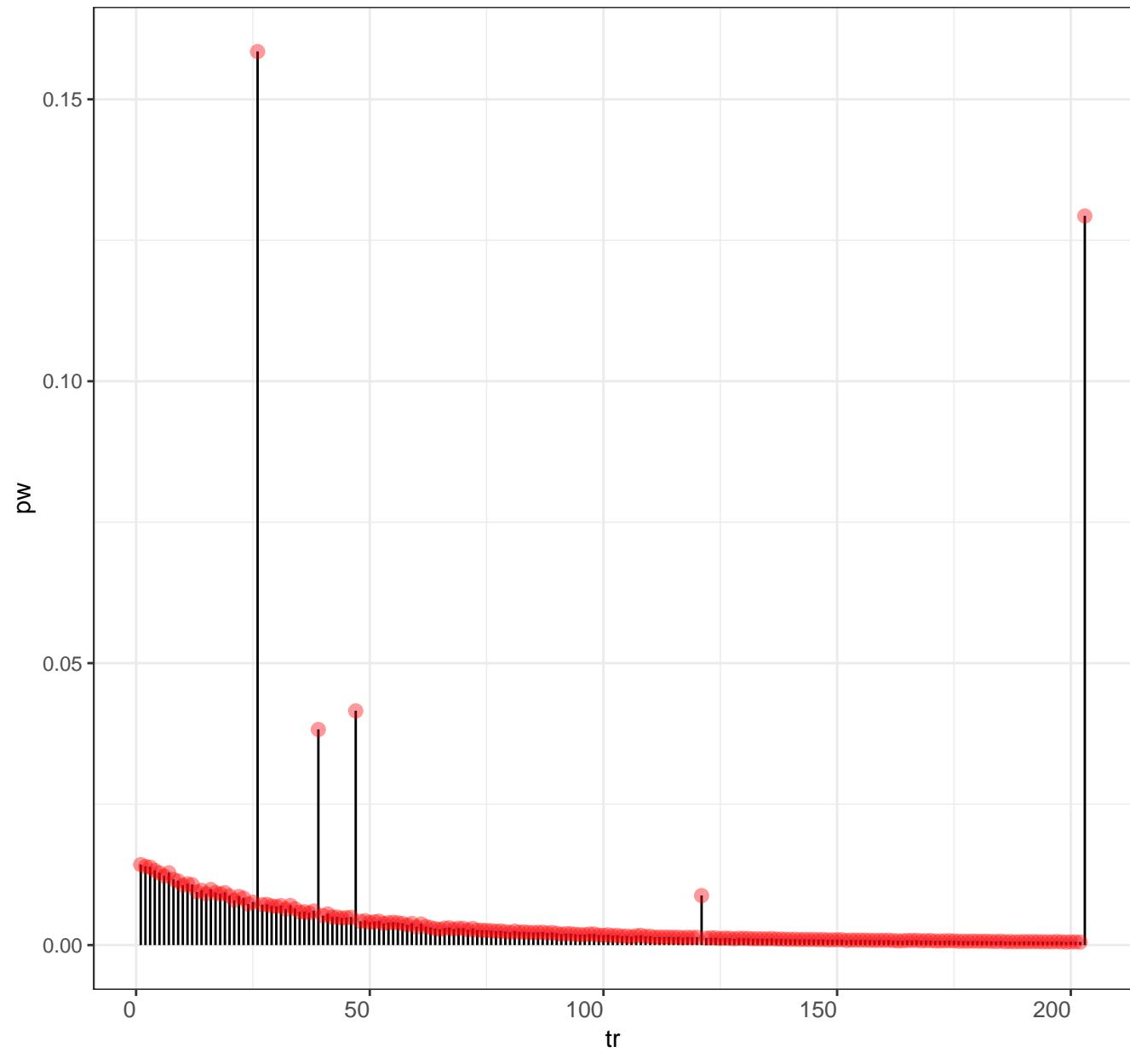


Trace plot for the sigma for S=20 r=5 true K=4 type=4

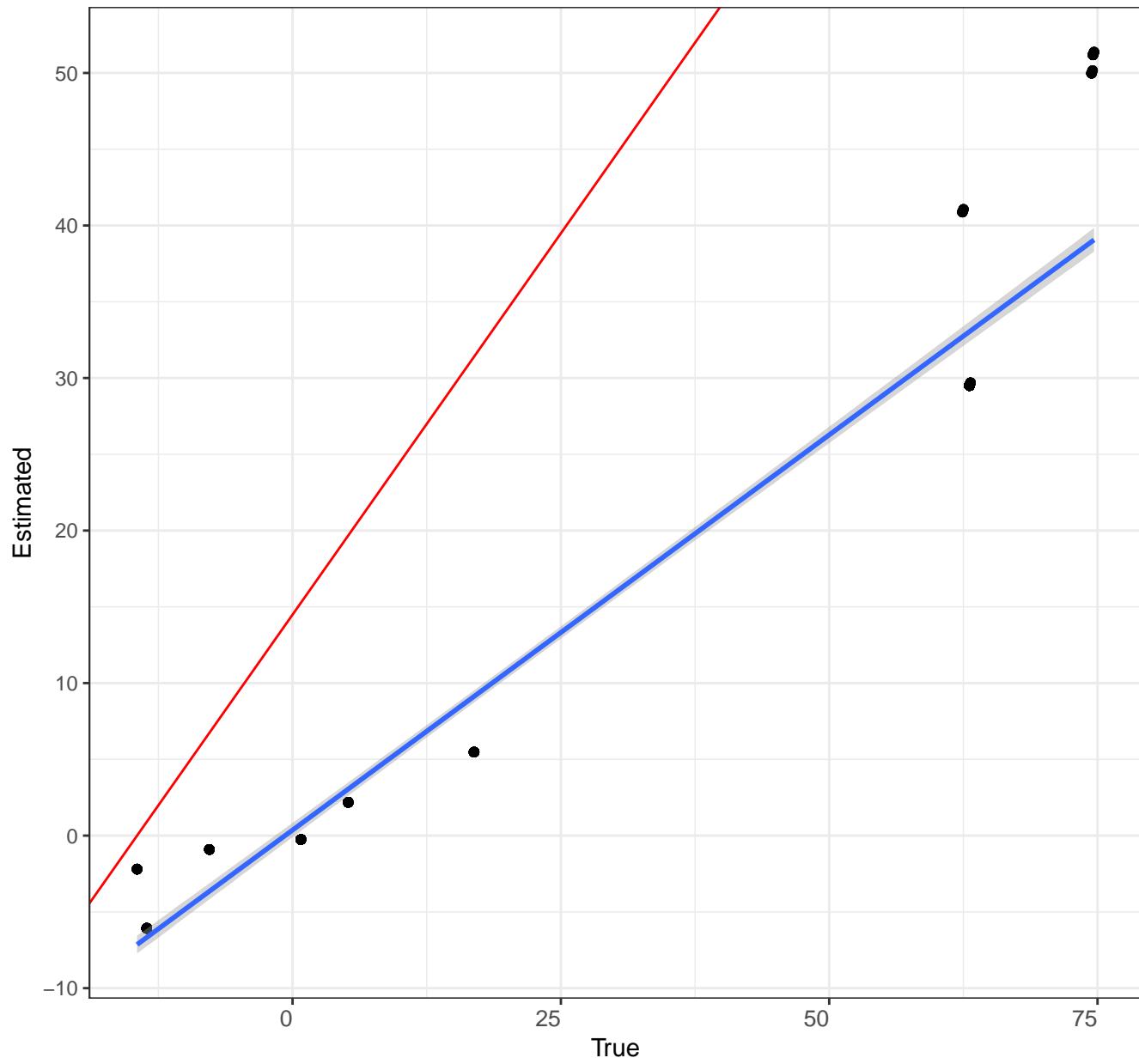


Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=20 ,r=5 true gr K=4 ,type=4 ,N=204 pN=0.129

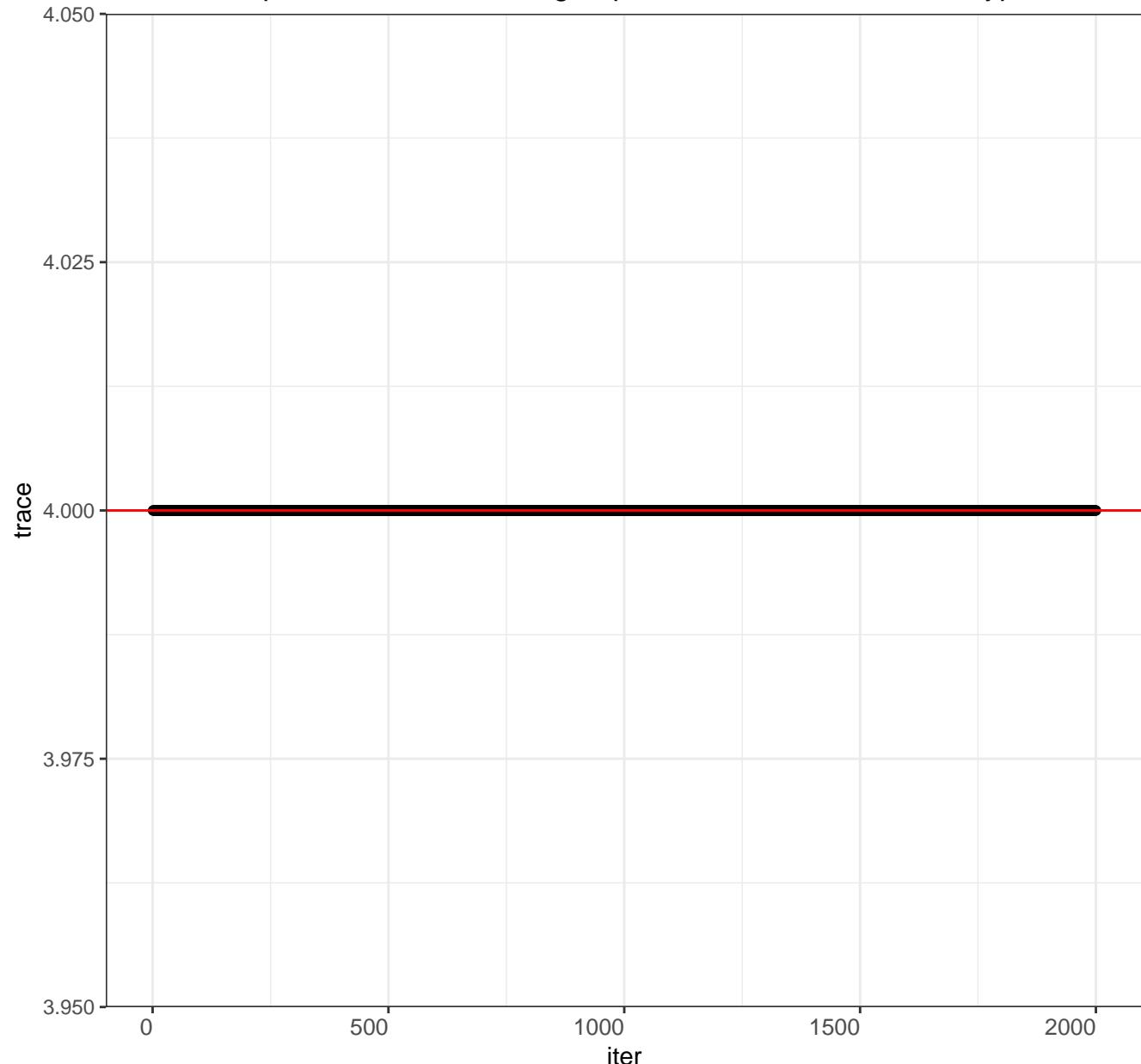


True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 r=5 true K=4 type=4

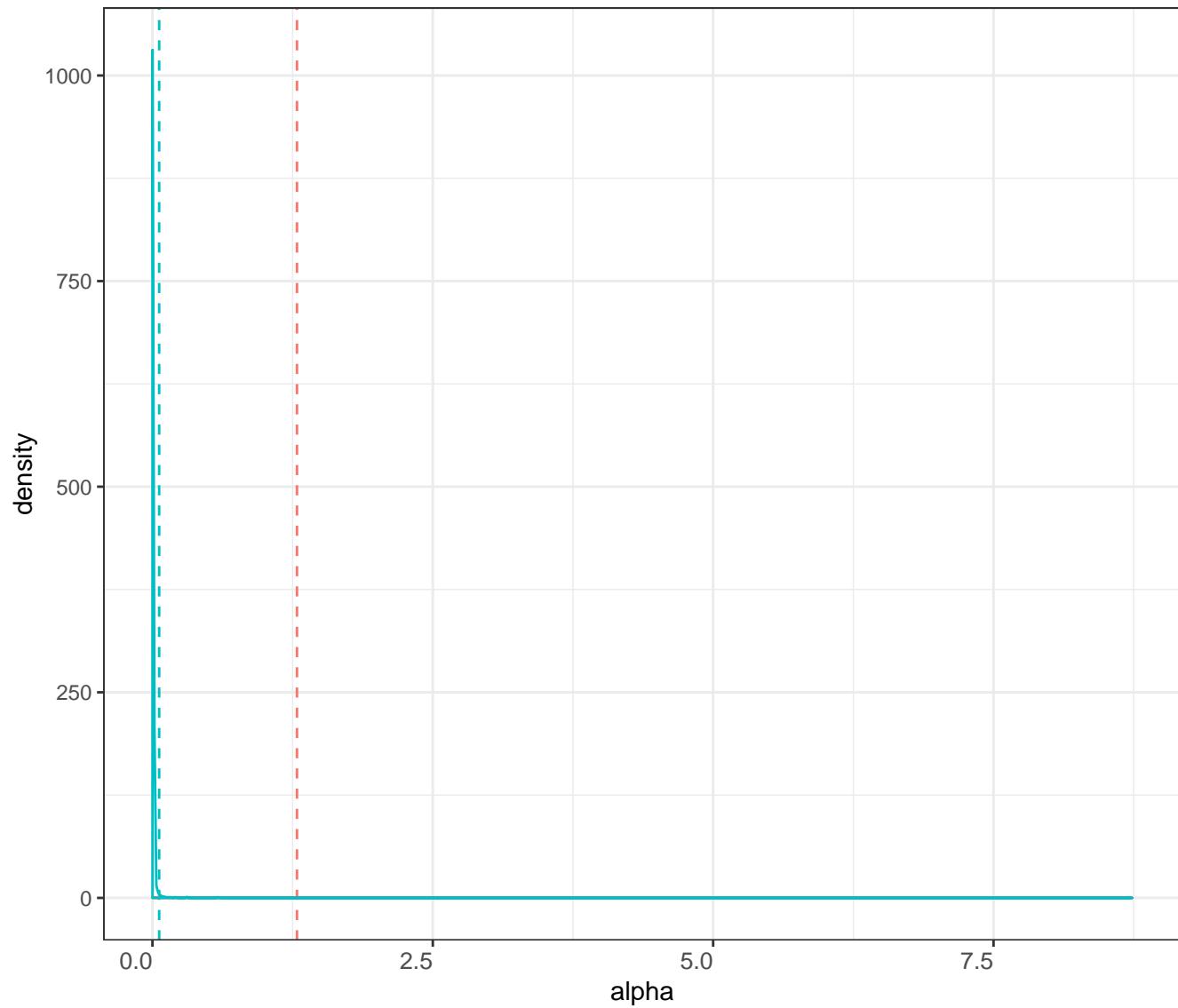
Trace plot for the number of groups K for S=20 r=5 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=20 ,r=5 true gr K=4 ,type=4 ,N=204

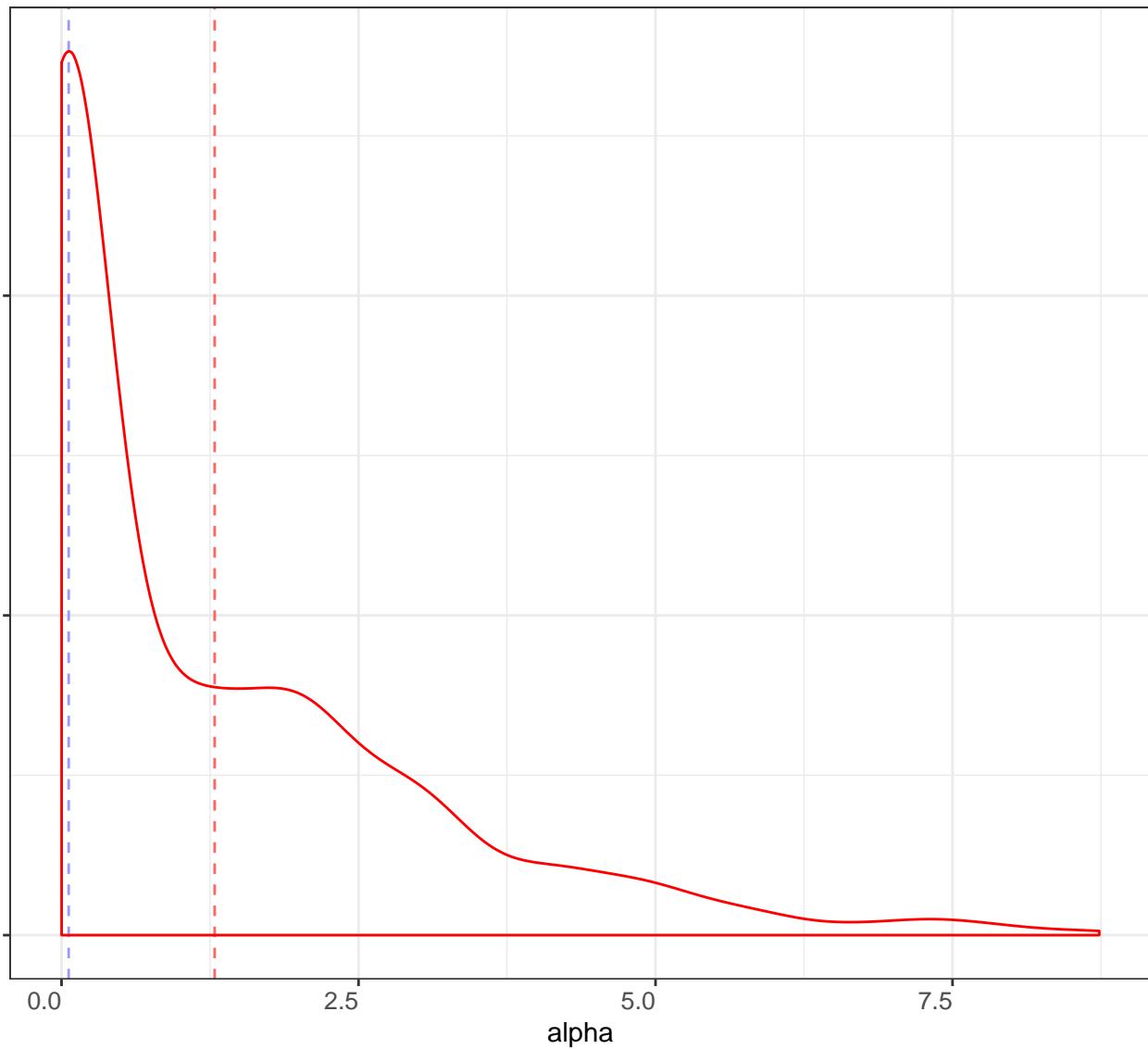
type  posterior  prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

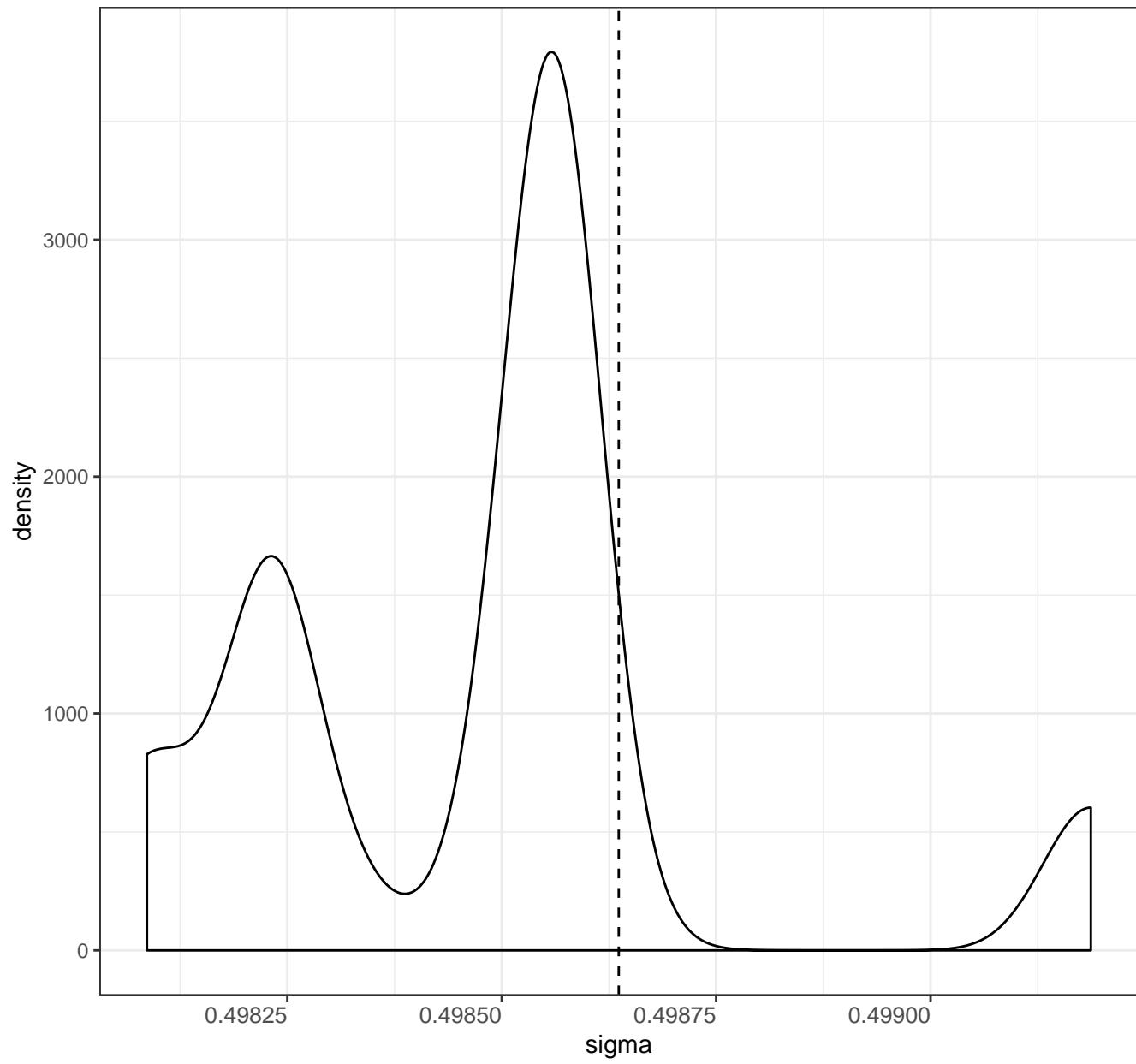
Posterior distribution for alpha

Legend | posterior mean | prior mean

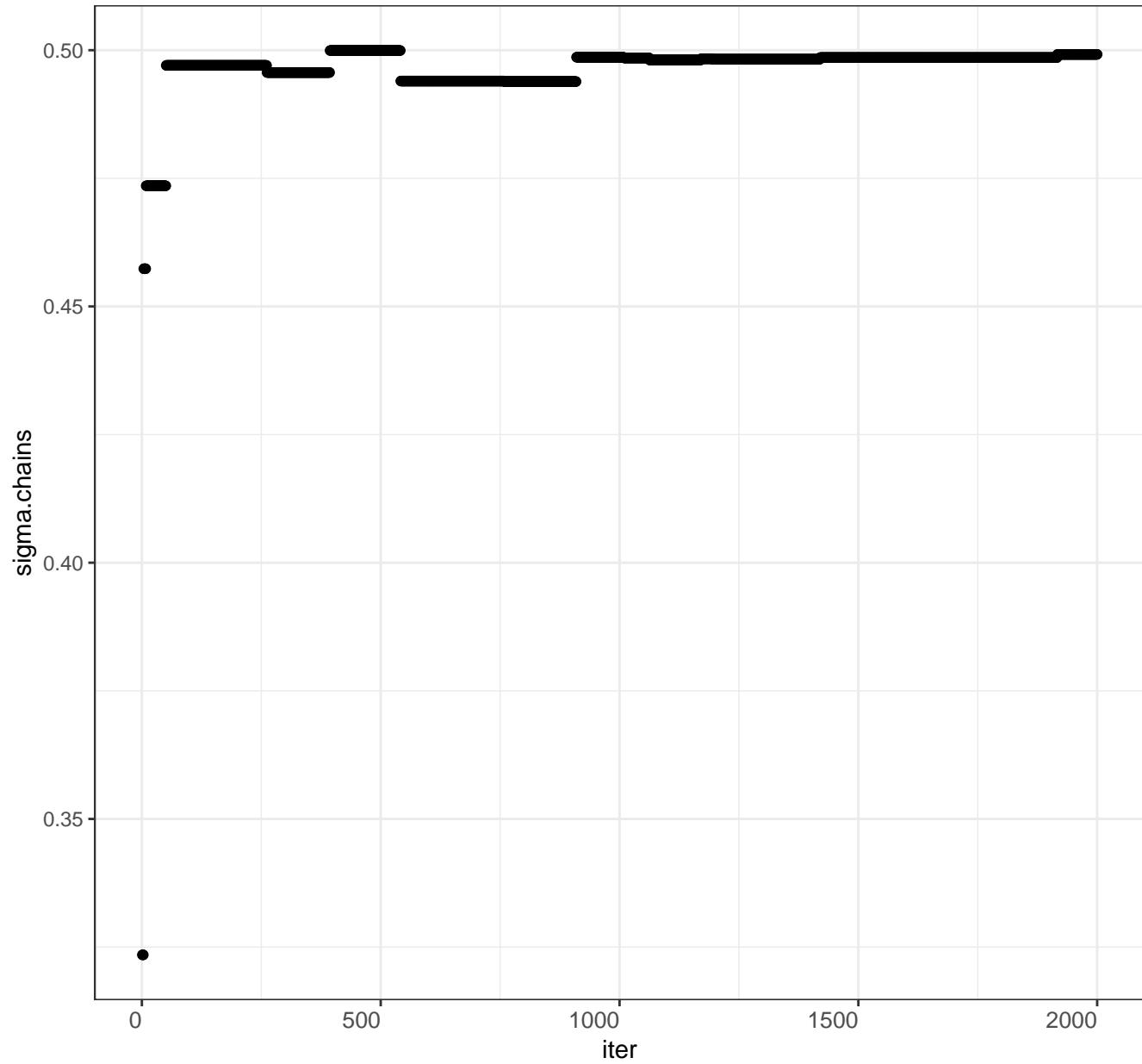


Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=5 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=20 ,r=5 true gr K=4 ,type=4 ,N=204

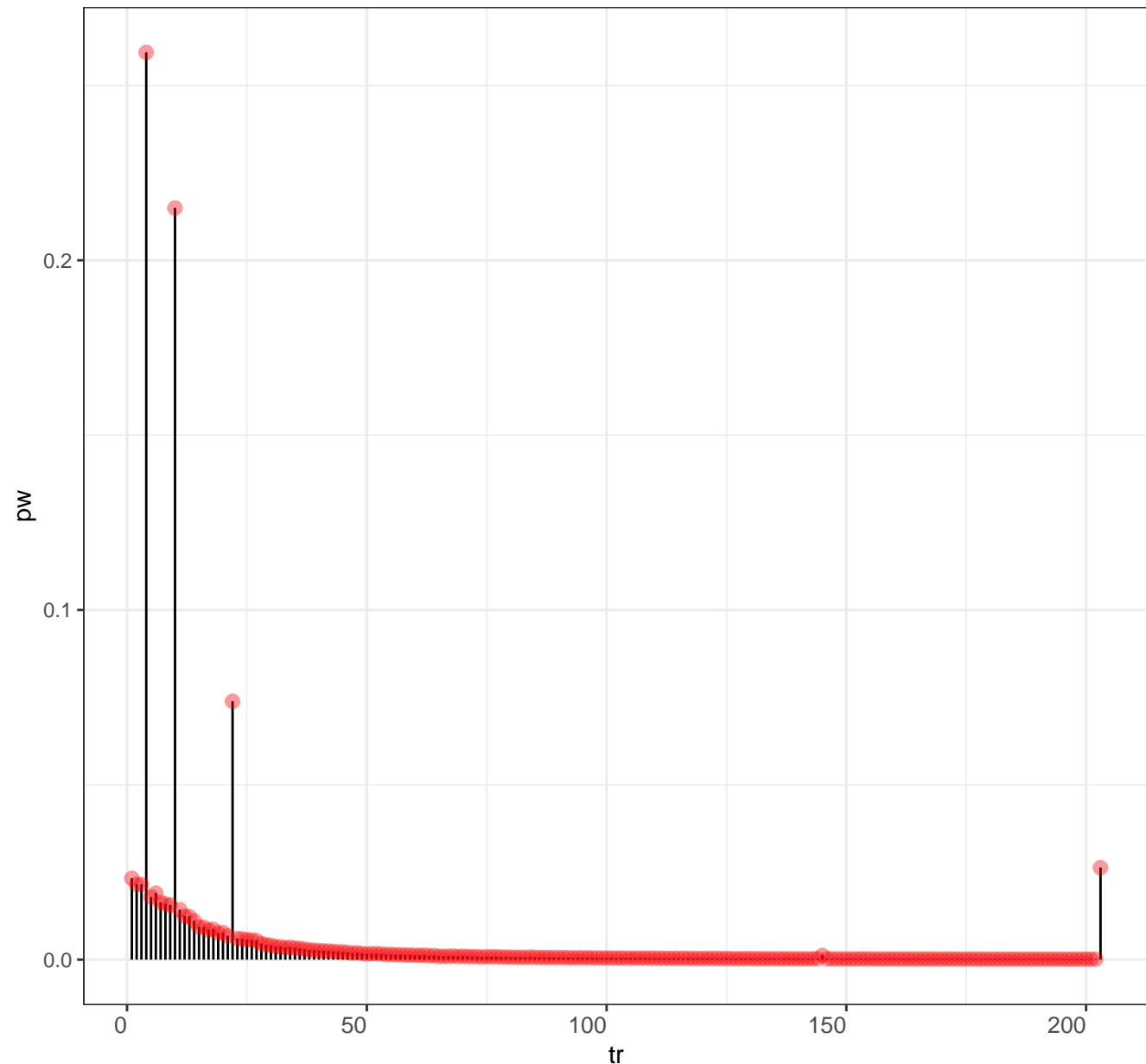


Trace plot for the sigma for S=20 r=5 true K=4 type=4



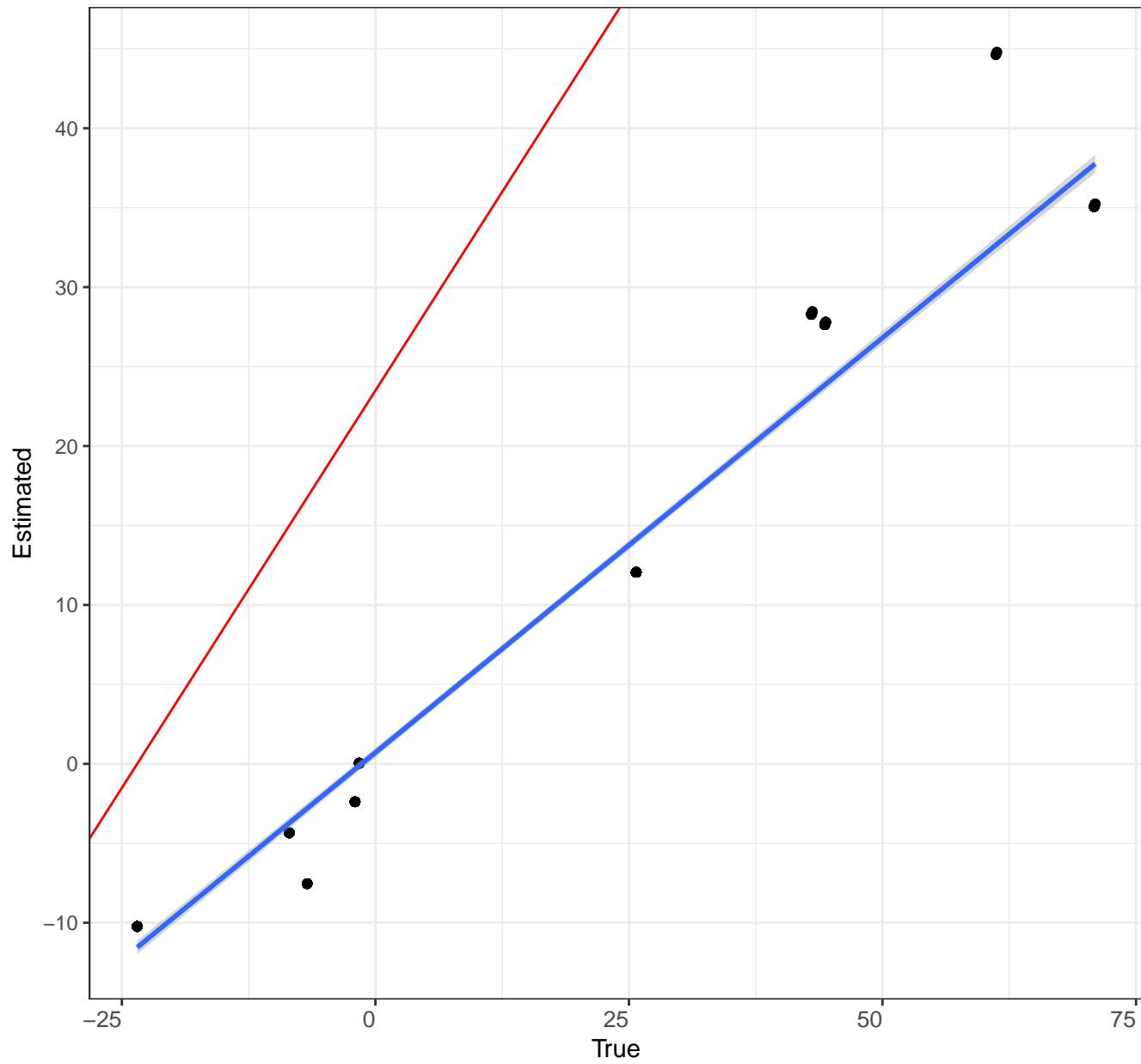
Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=20 ,r=5 true gr K=4 ,type=4 ,N=204 pN=0.026



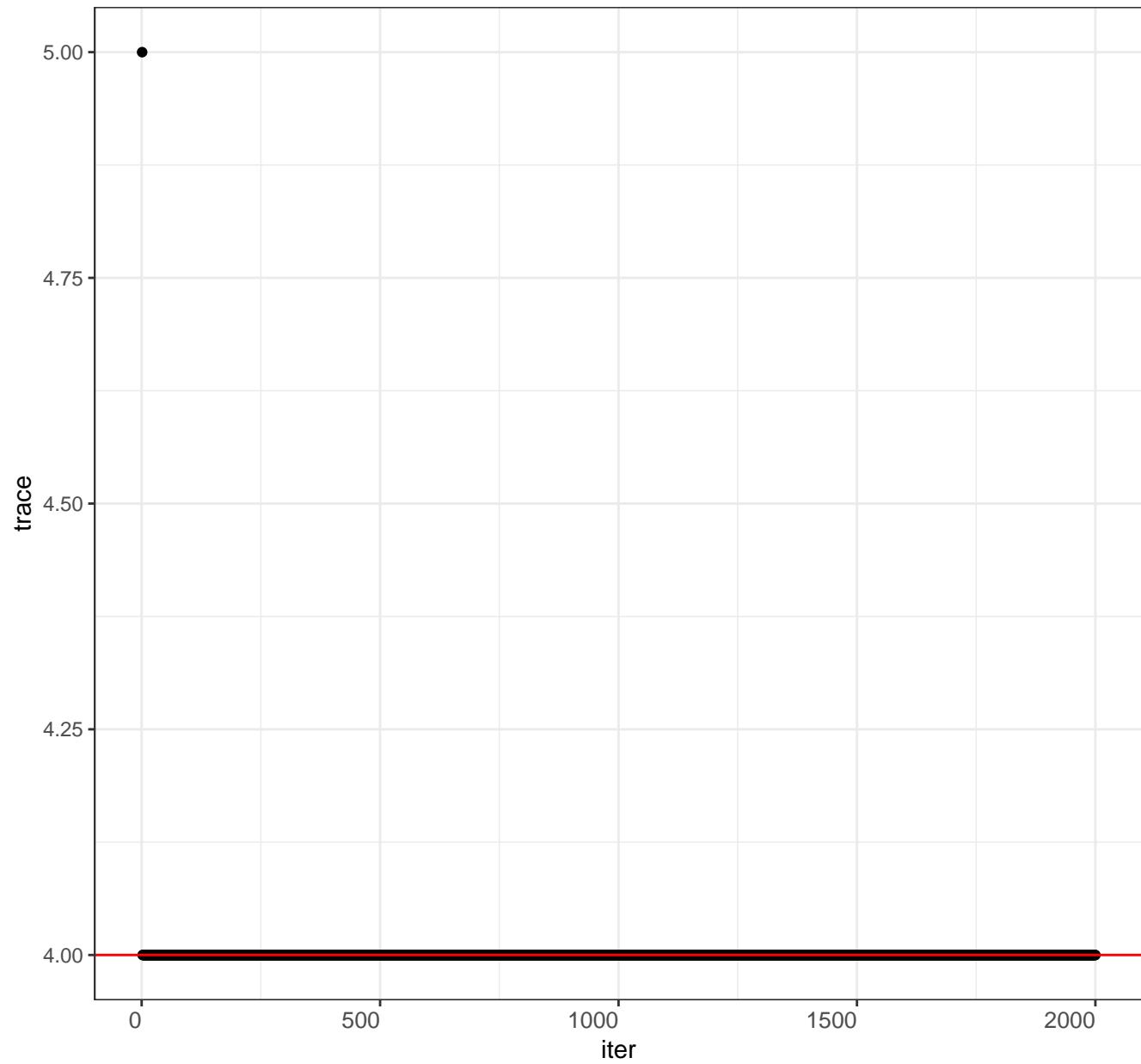
Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 r=5 true K=4 type=4

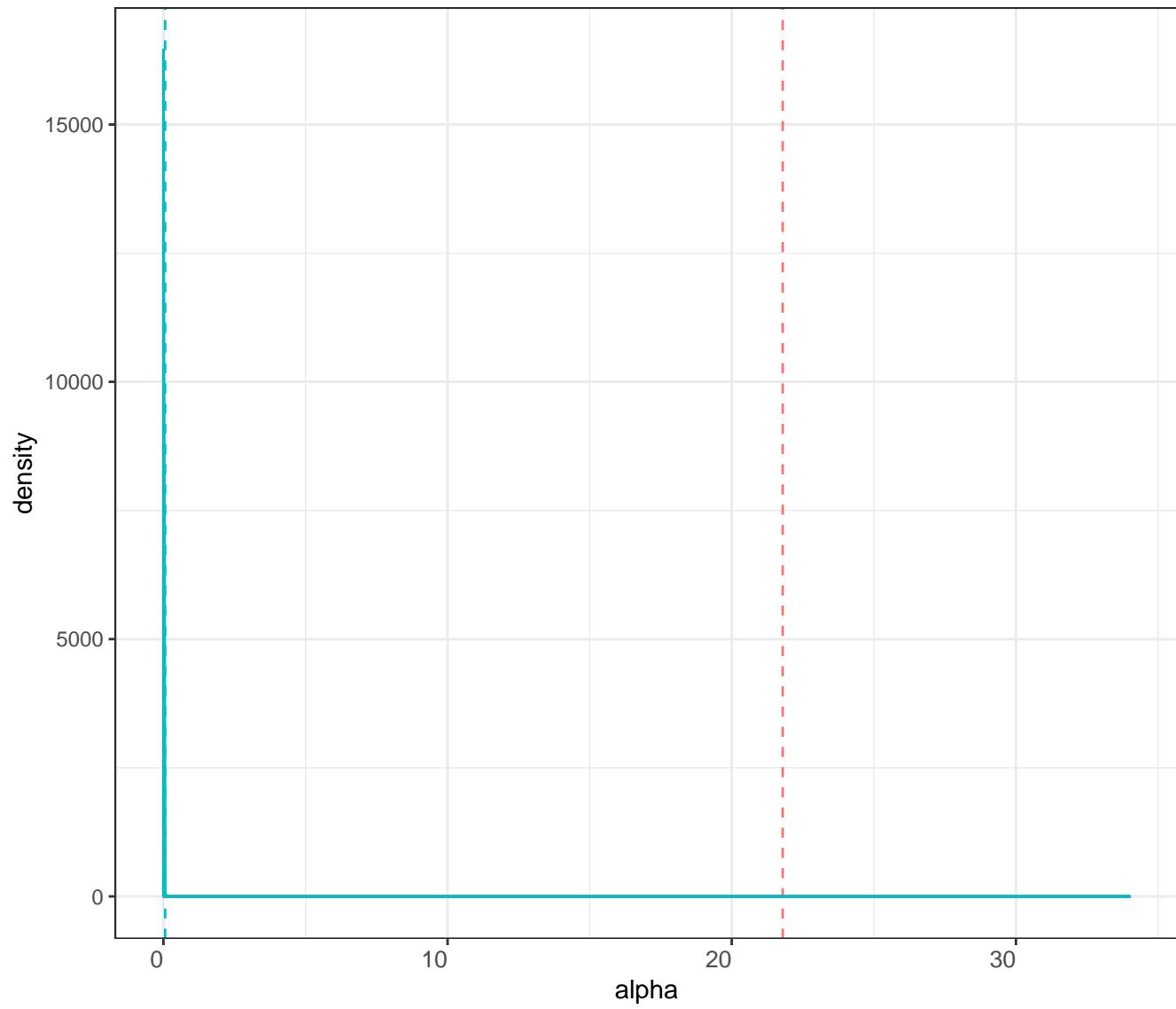
Trace plot for the number of groups K for S=20 r=5 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=20 ,r=5 true gr K=4 ,type=4 ,N=204

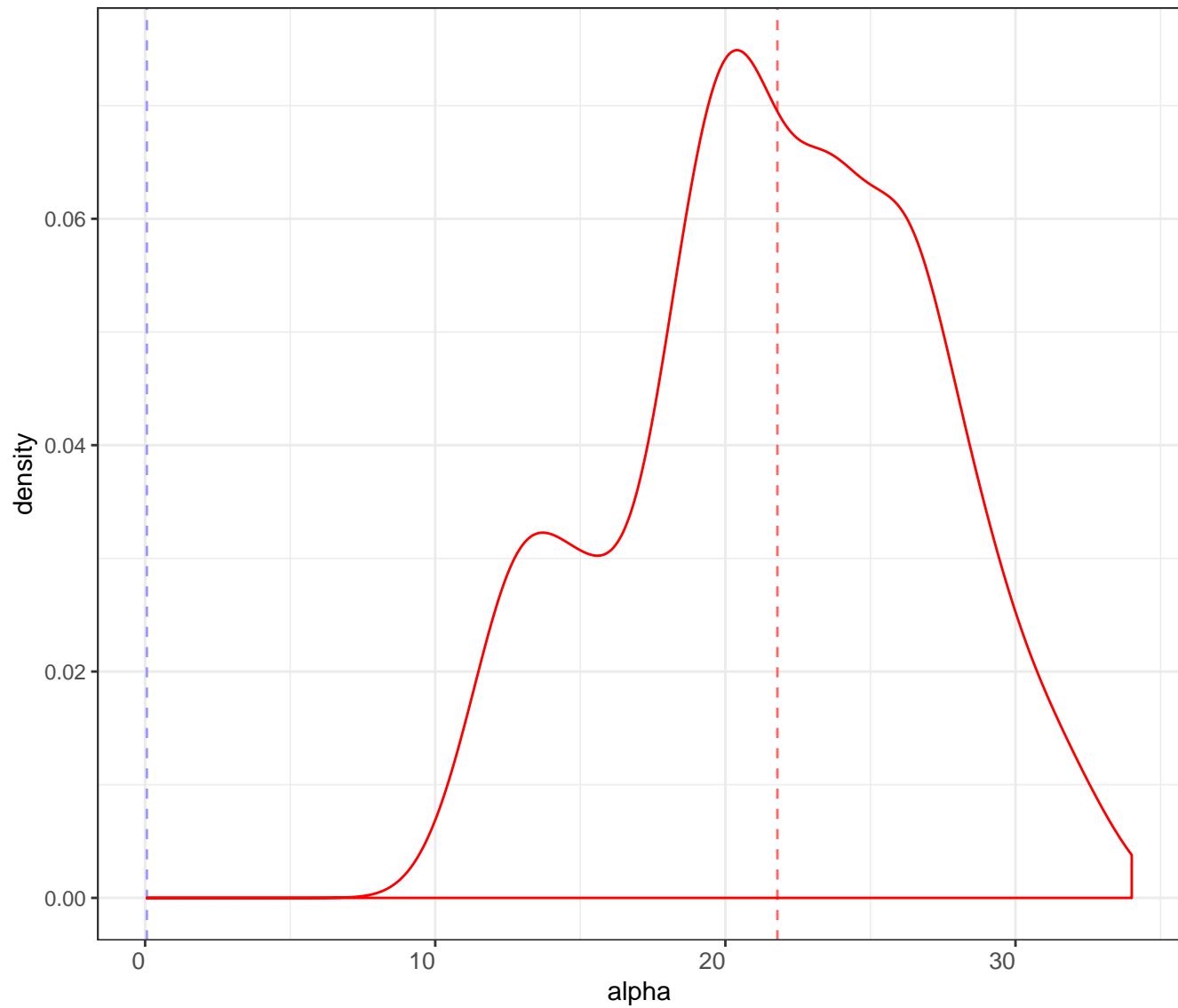
type  posterior  prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

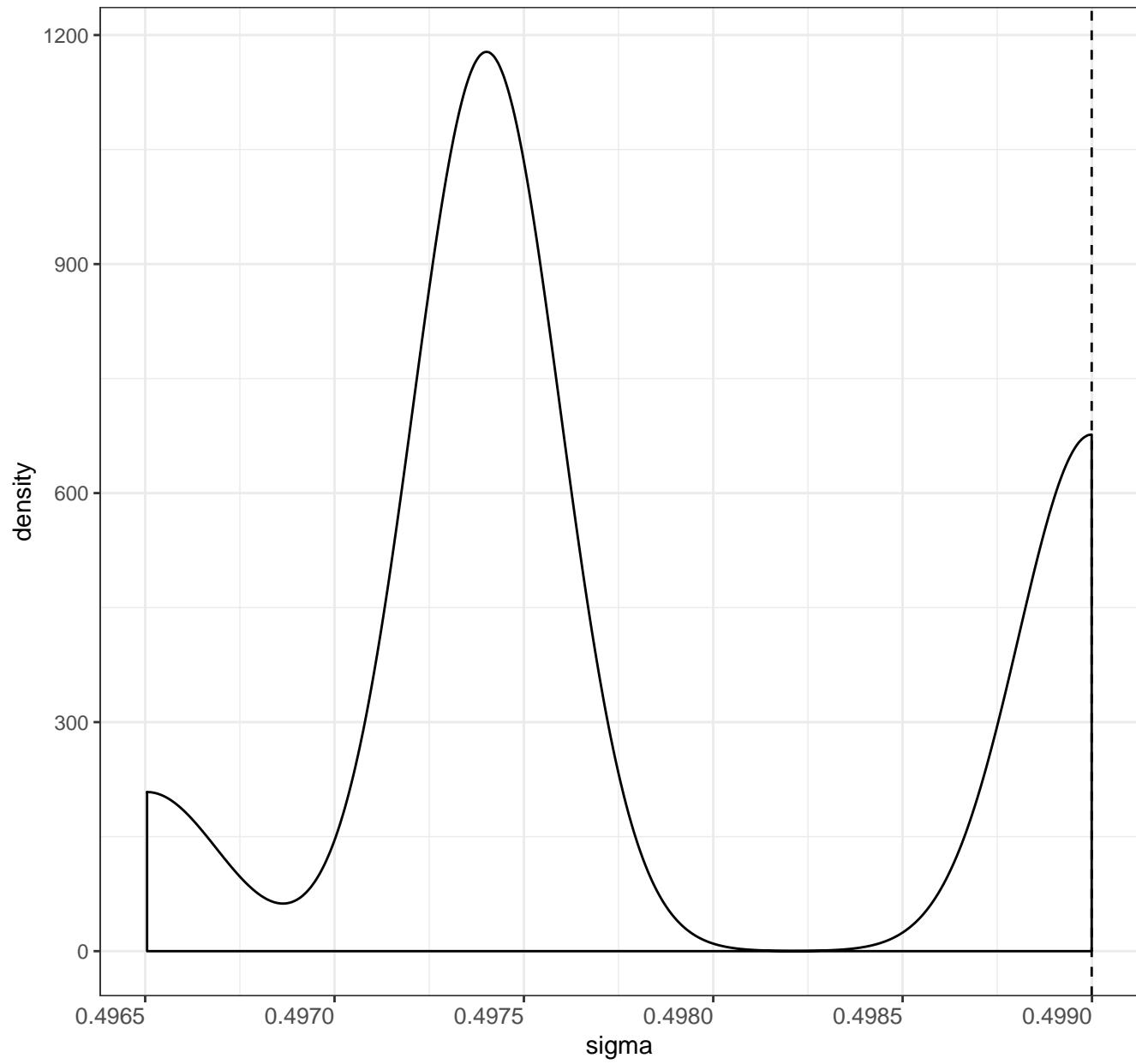
Posterior distribution for alpha

Legend | posterior mean | prior mean

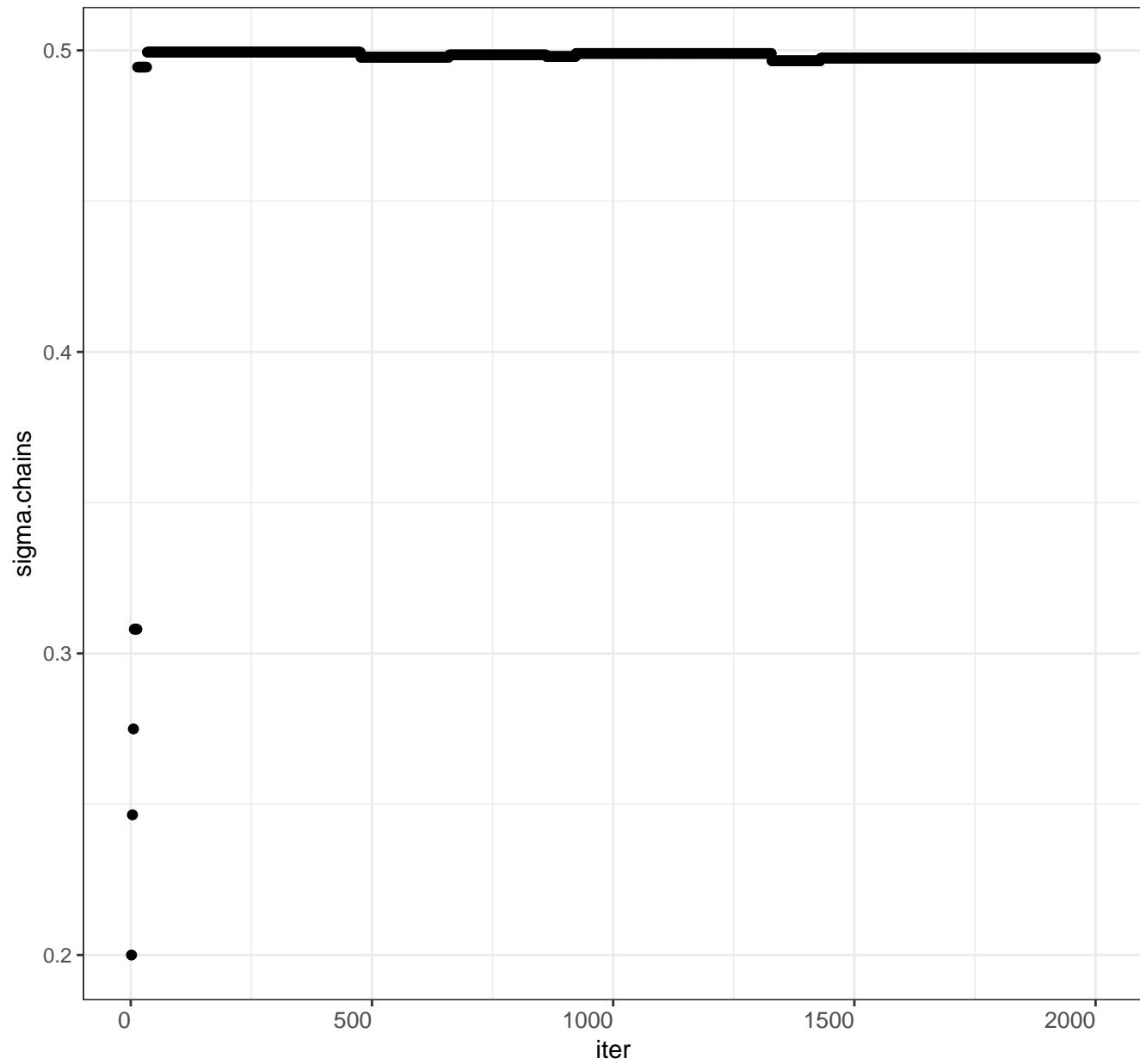


Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=5 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=20 ,r=5 true gr K=4 ,type=4 ,N=204

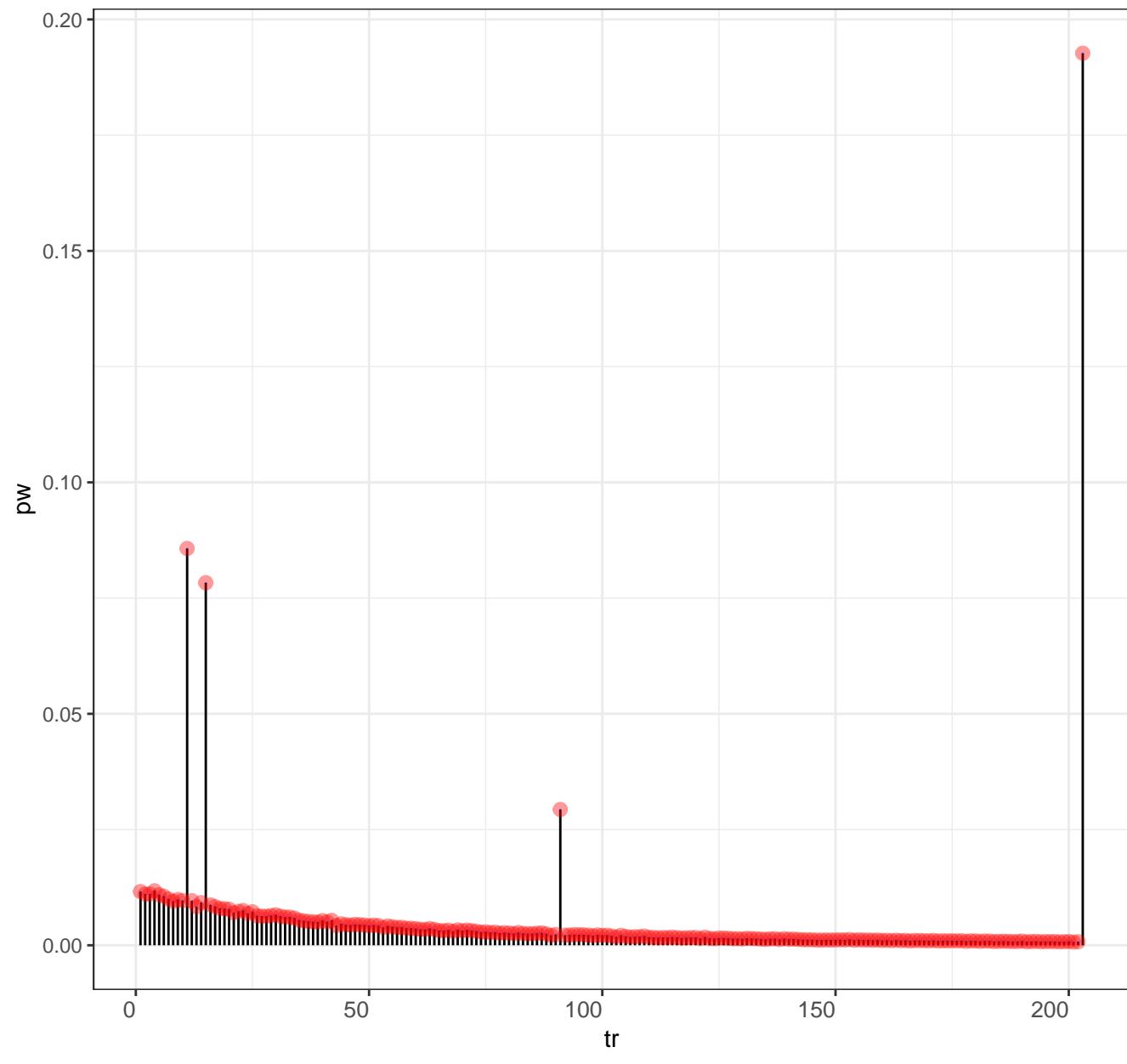


Trace plot for the sigma for S=20 r=5 true K=4 type=4



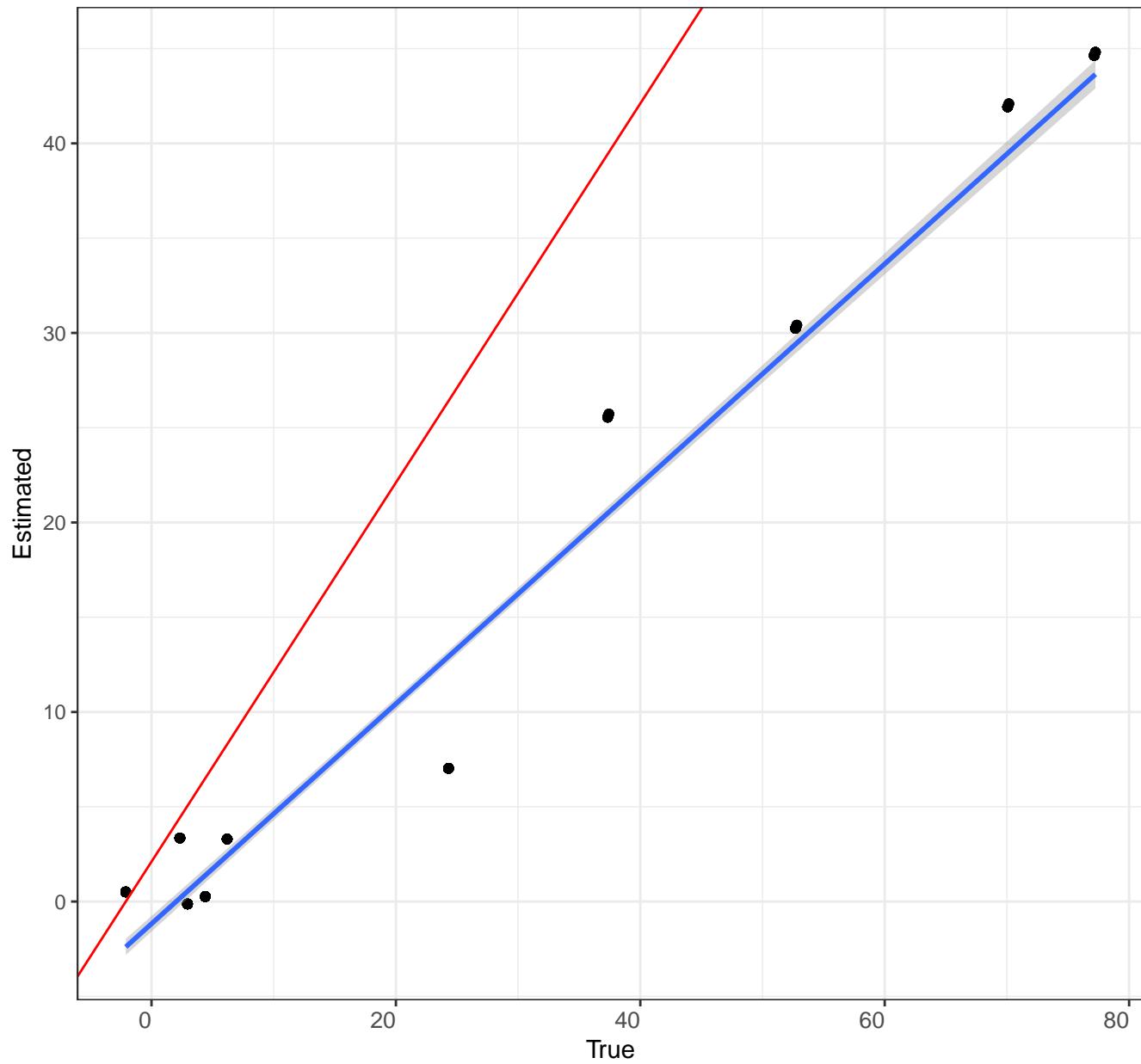
Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=20 ,r=5 true gr K=4 ,type=4 ,N=204 pN=0.193



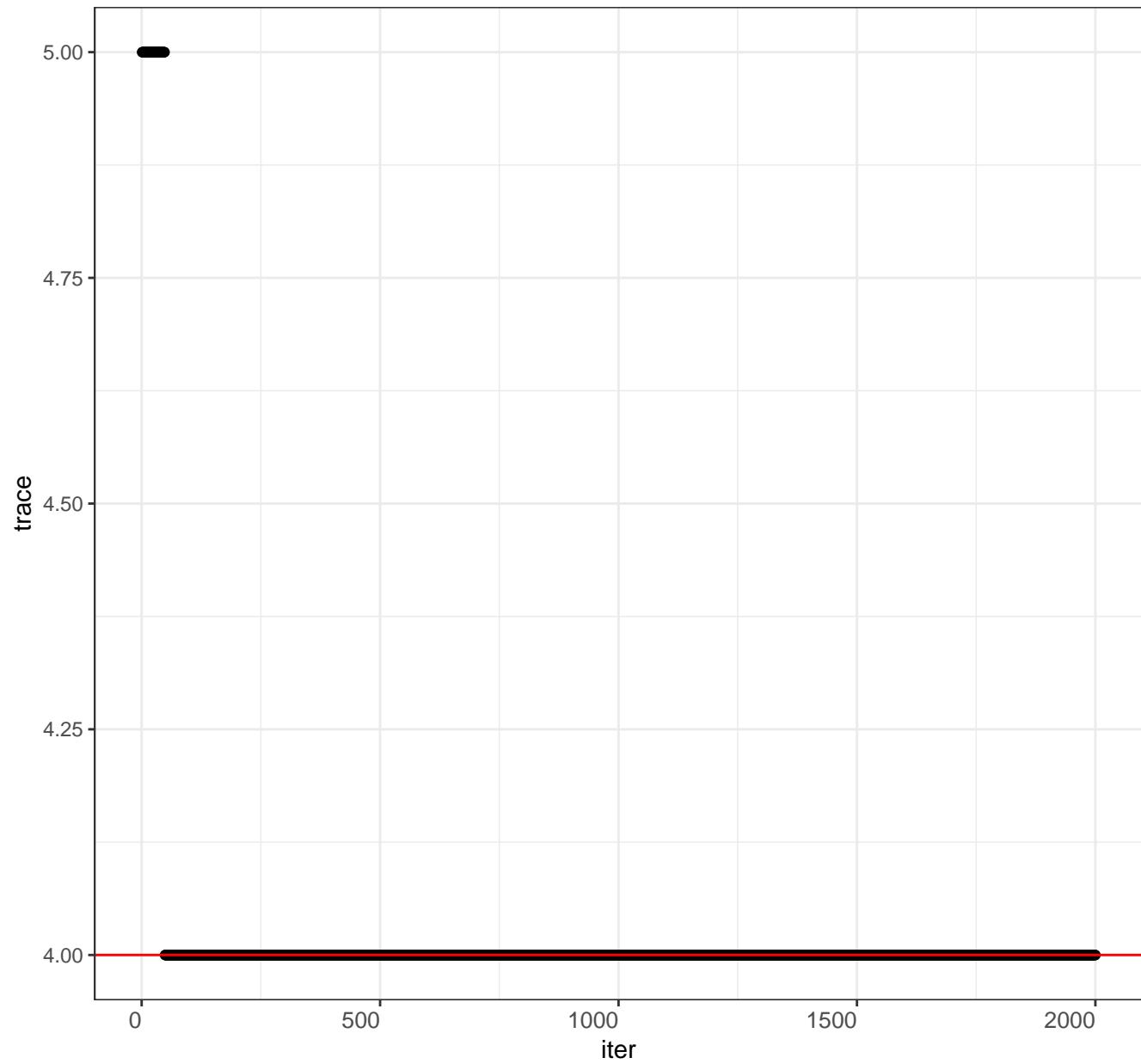
Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 r=5 true K=4 type=4

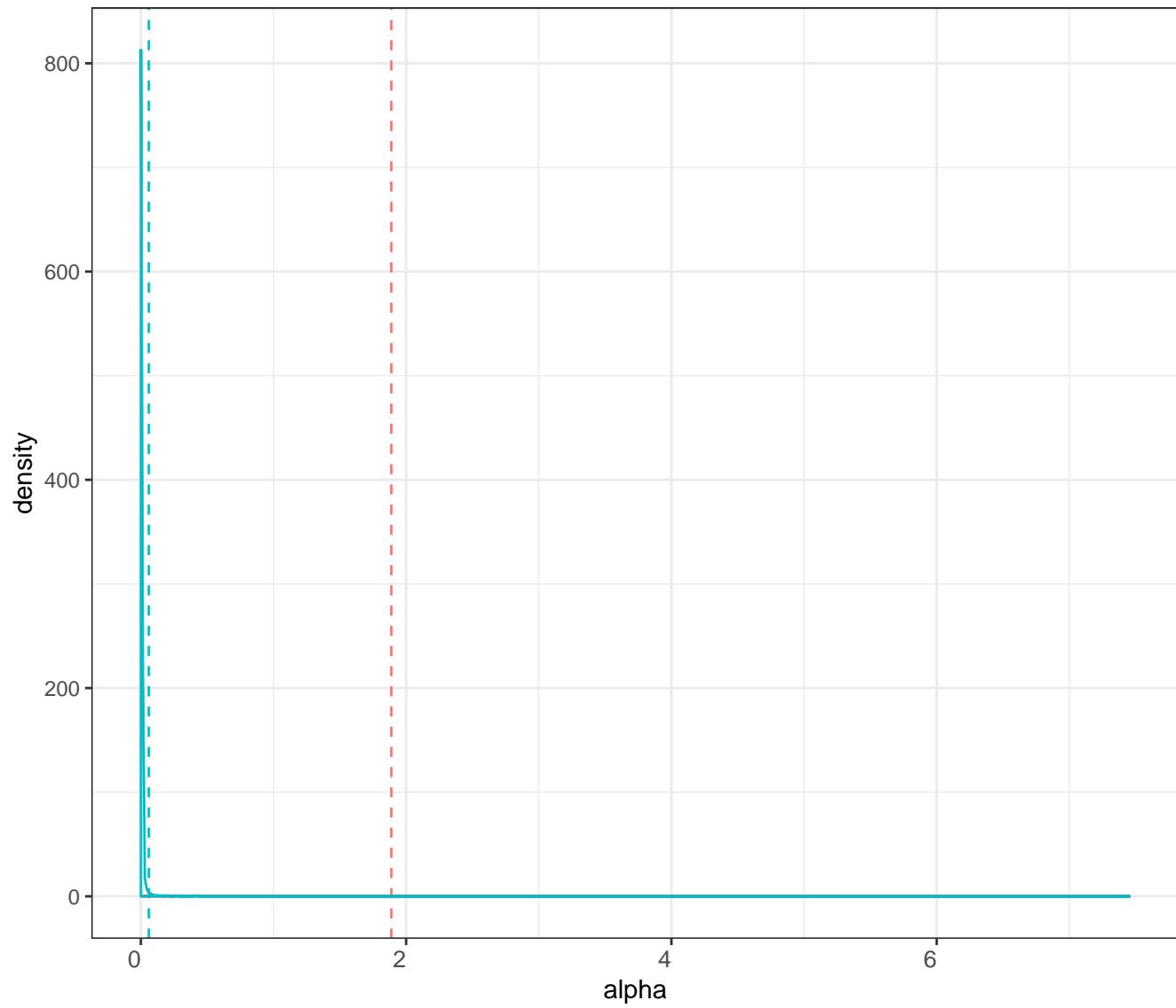
Trace plot for the number of groups K for S=20 r=5 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=20 ,r=5 true gr K=4 ,type=4 ,N=204

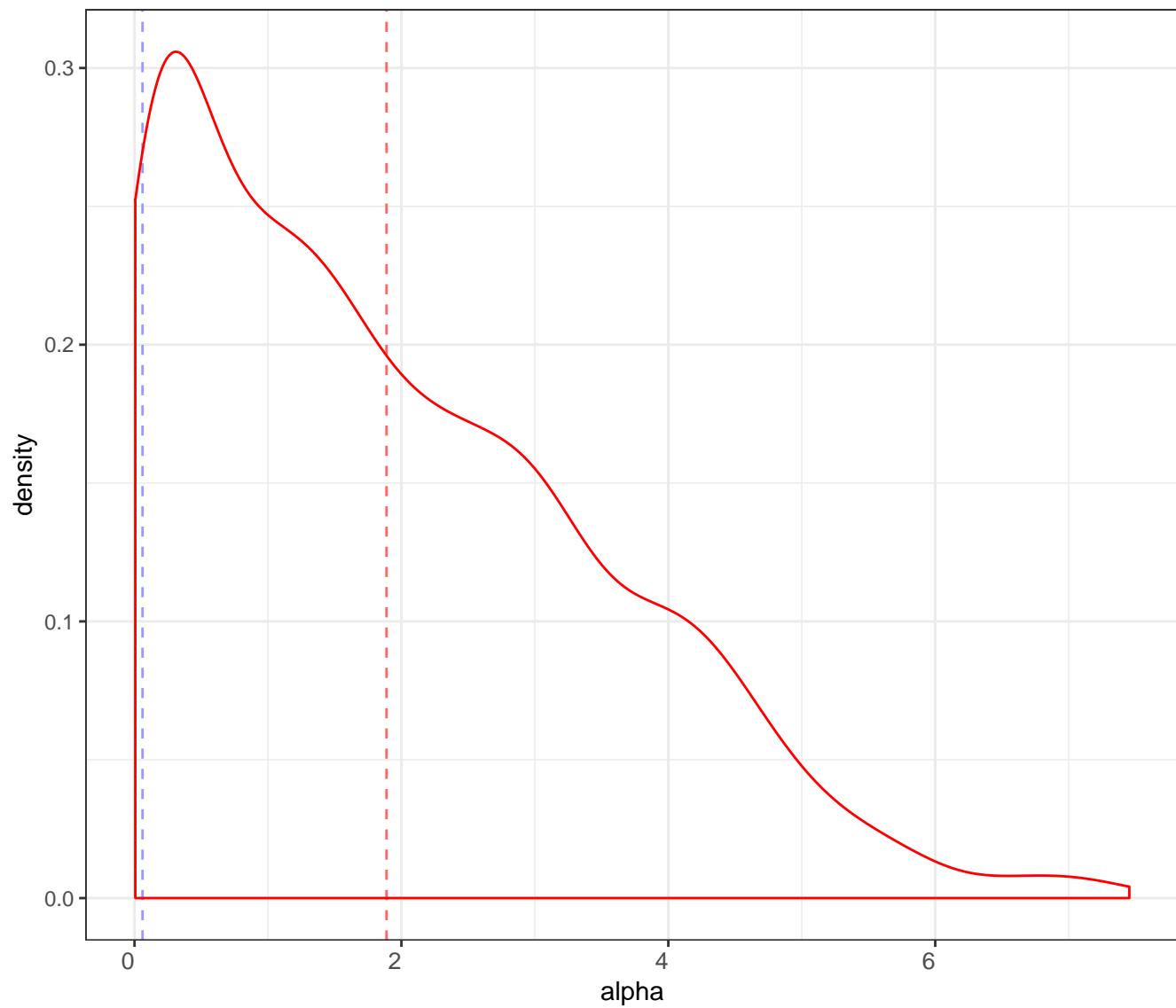
type | posterior | prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

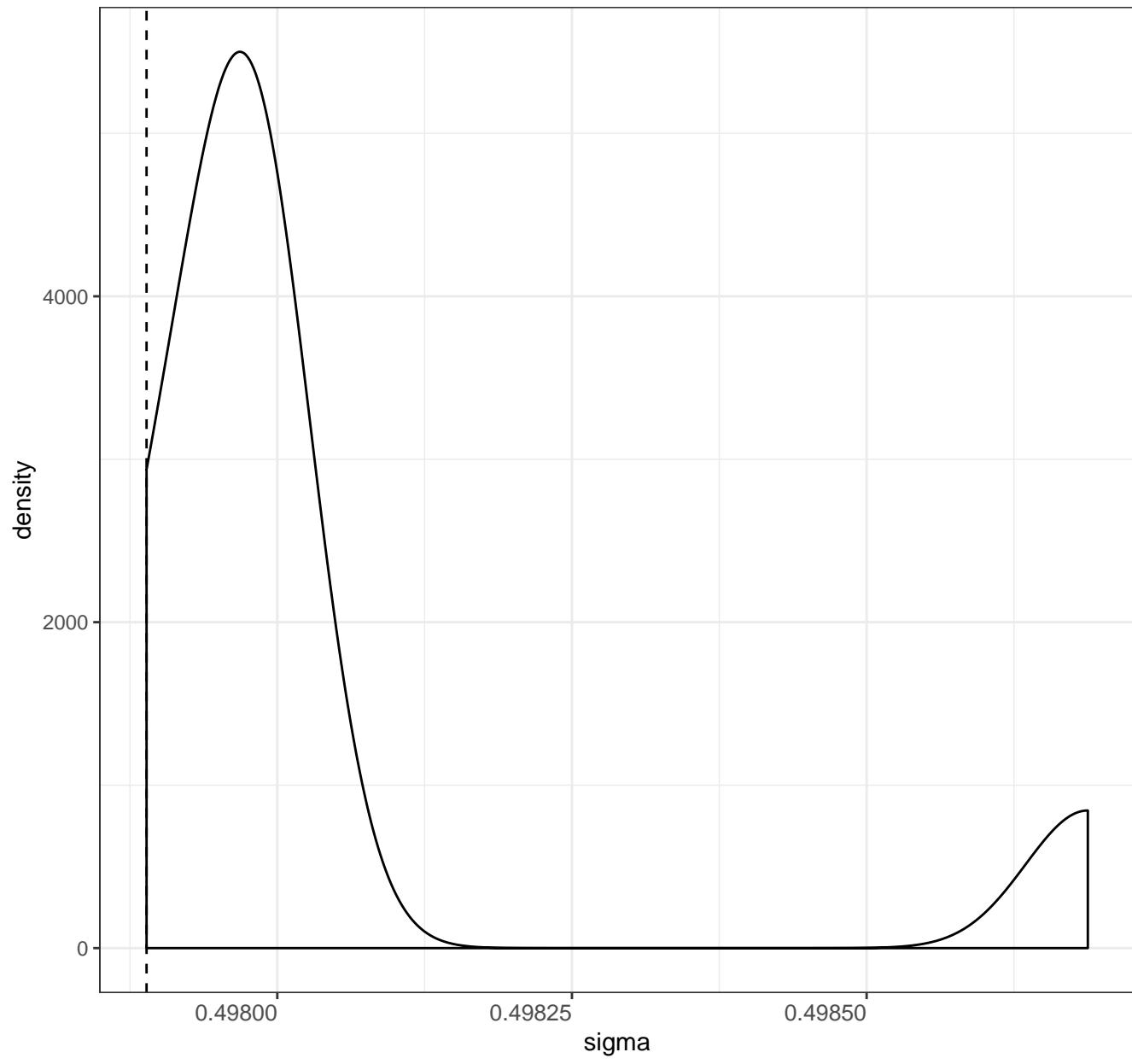
Posterior distribution for alpha

Legend | posterior mean | prior mean

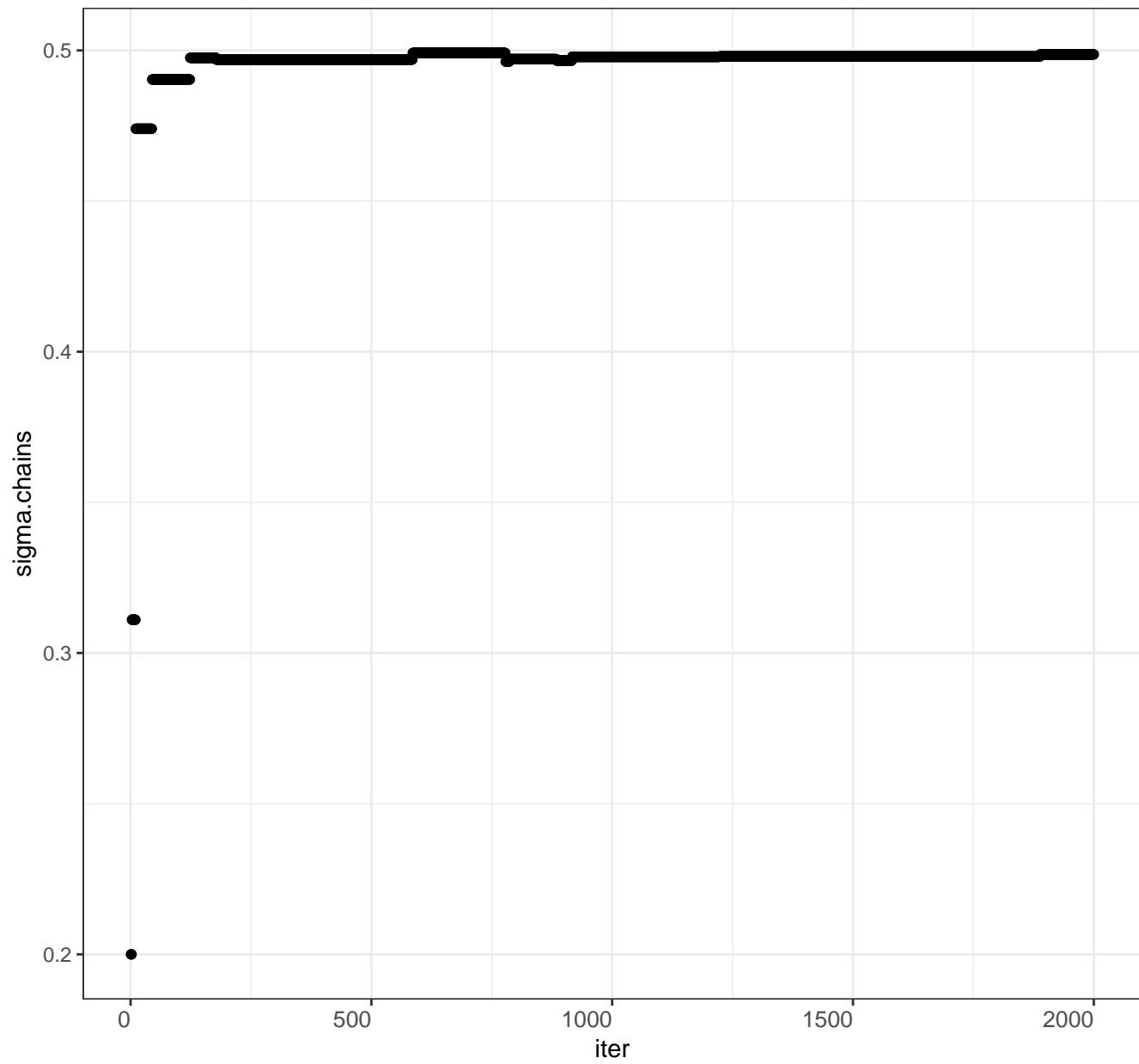


Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=5 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=20 ,r=5 true gr K=4 ,type=4 ,N=204

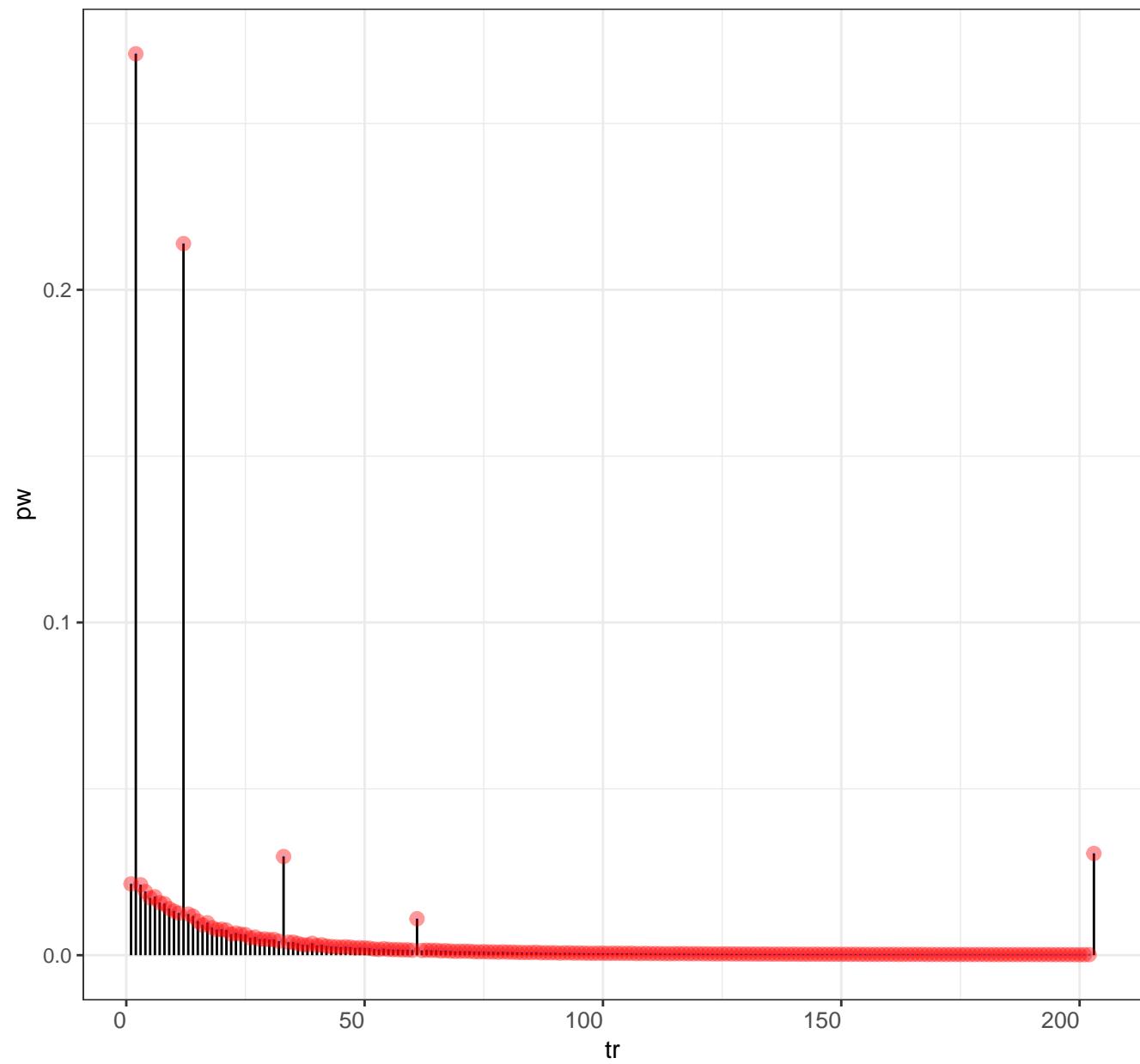


Trace plot for the sigma for S=20 r=5 true K=4 type=4



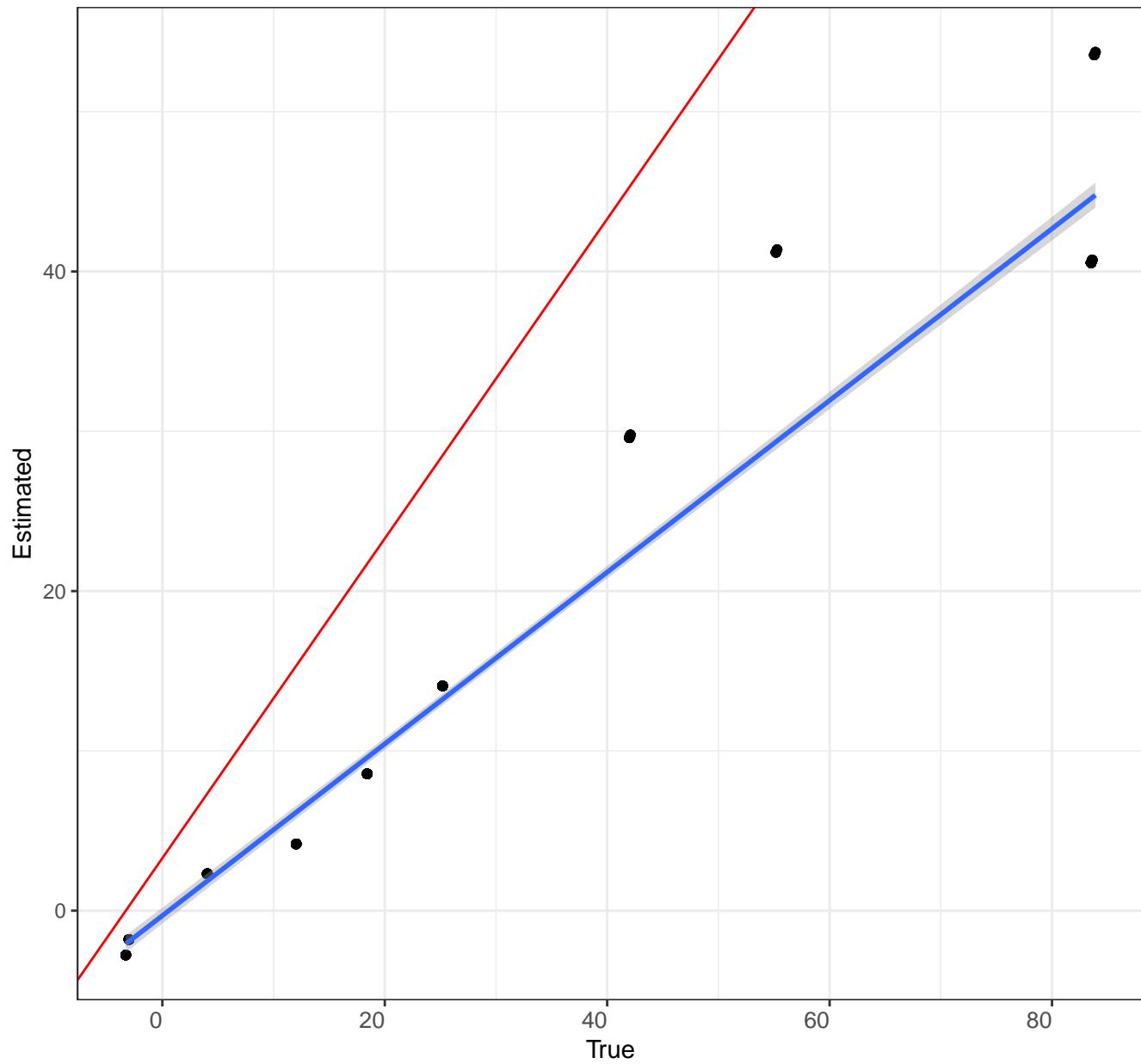
Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=20 ,r=5 true gr K=4 ,type=4 ,N=204 pN=0.031

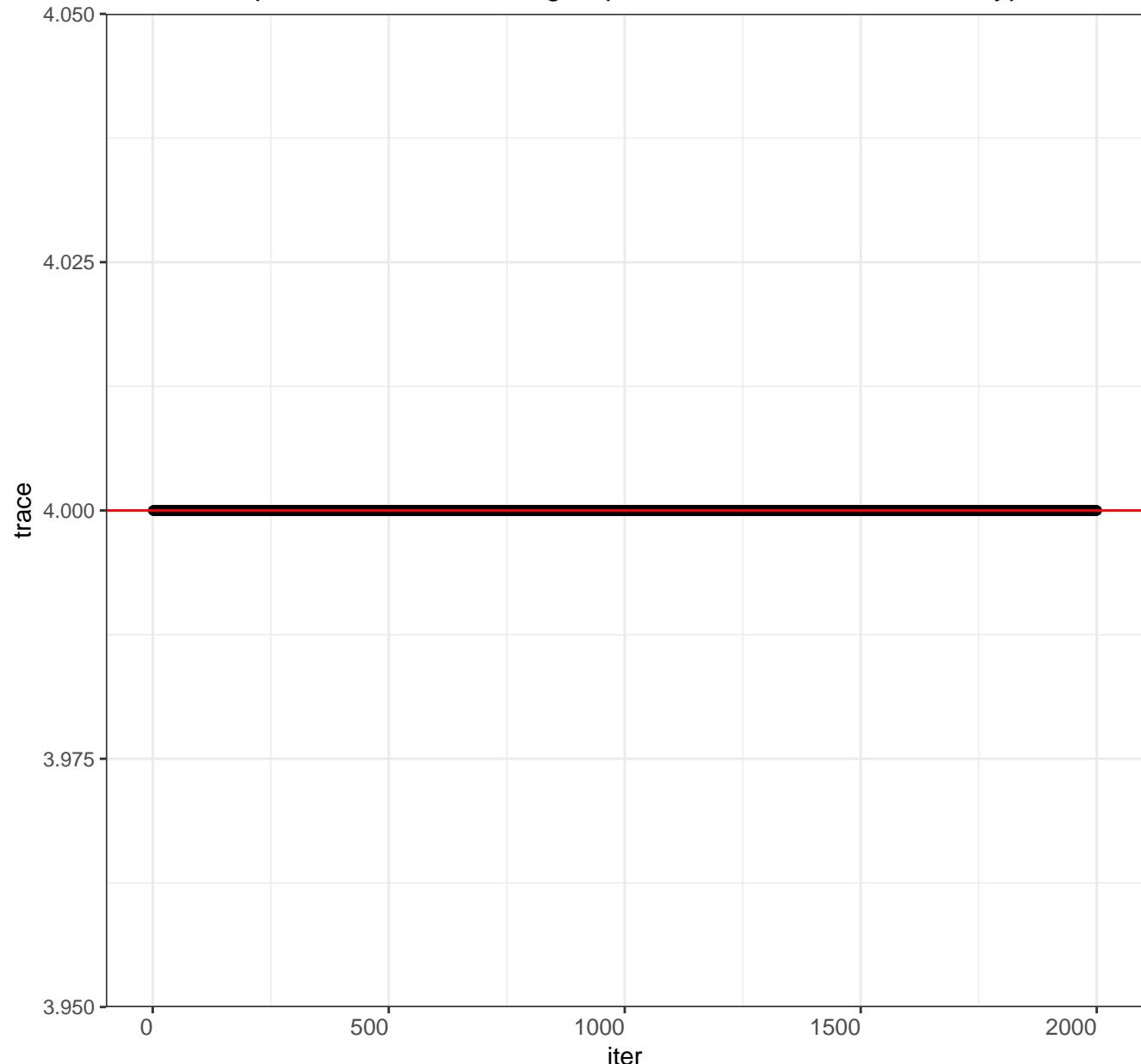


Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters



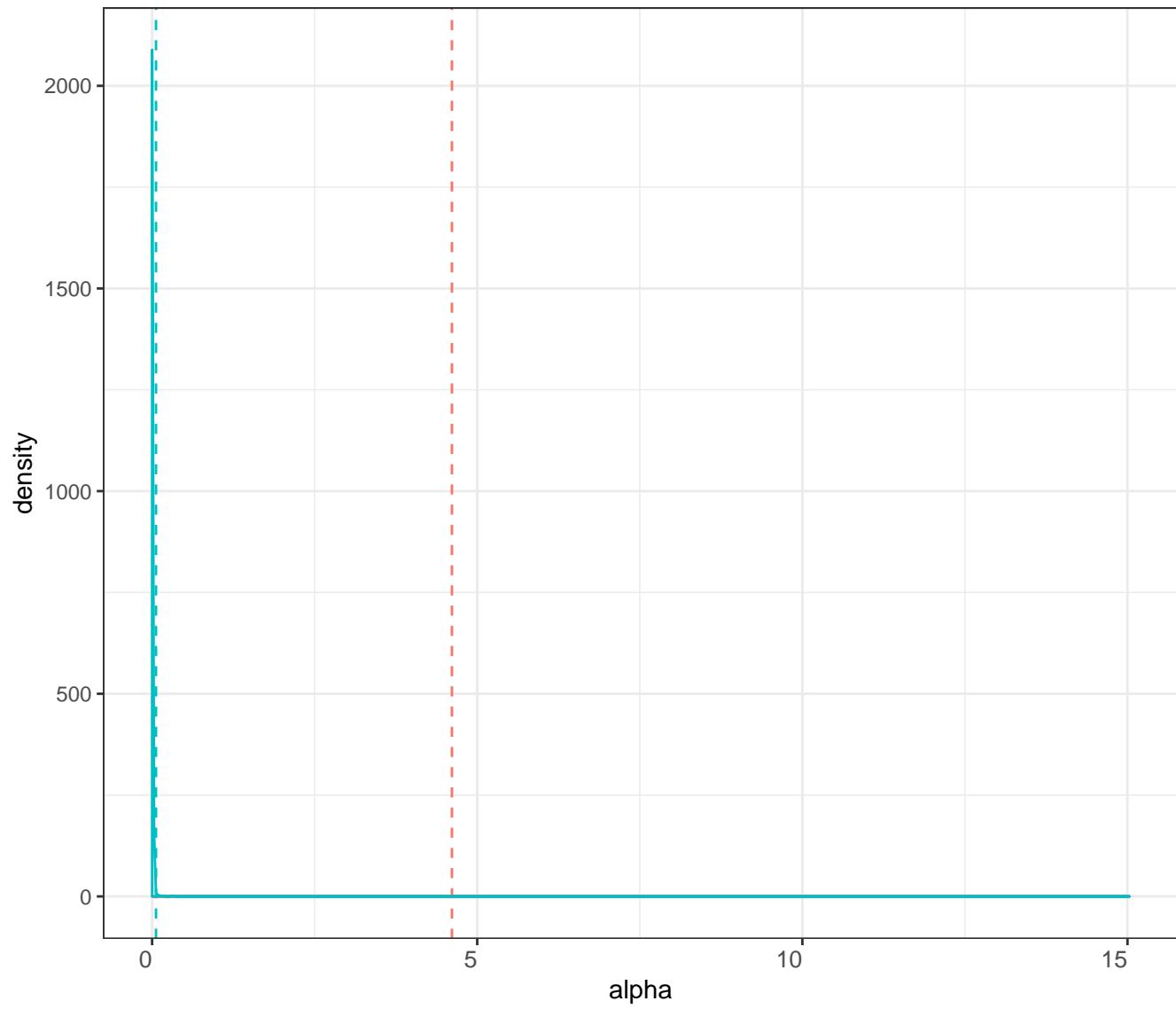
Trace plot for the number of groups K for S=20 r=10 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=20 ,r=10 true gr K=4 ,type=4 ,N=204

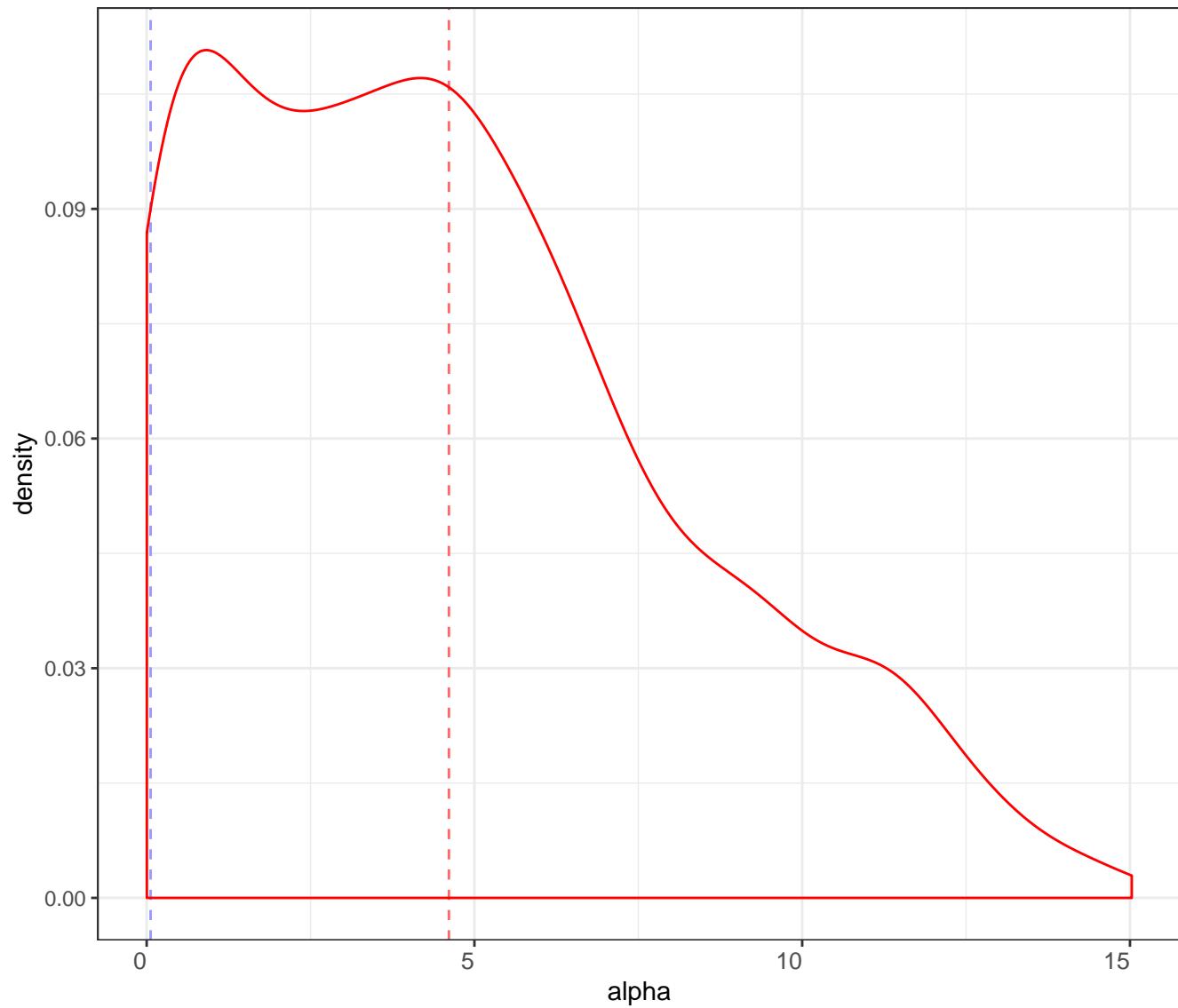
type  posterior  prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

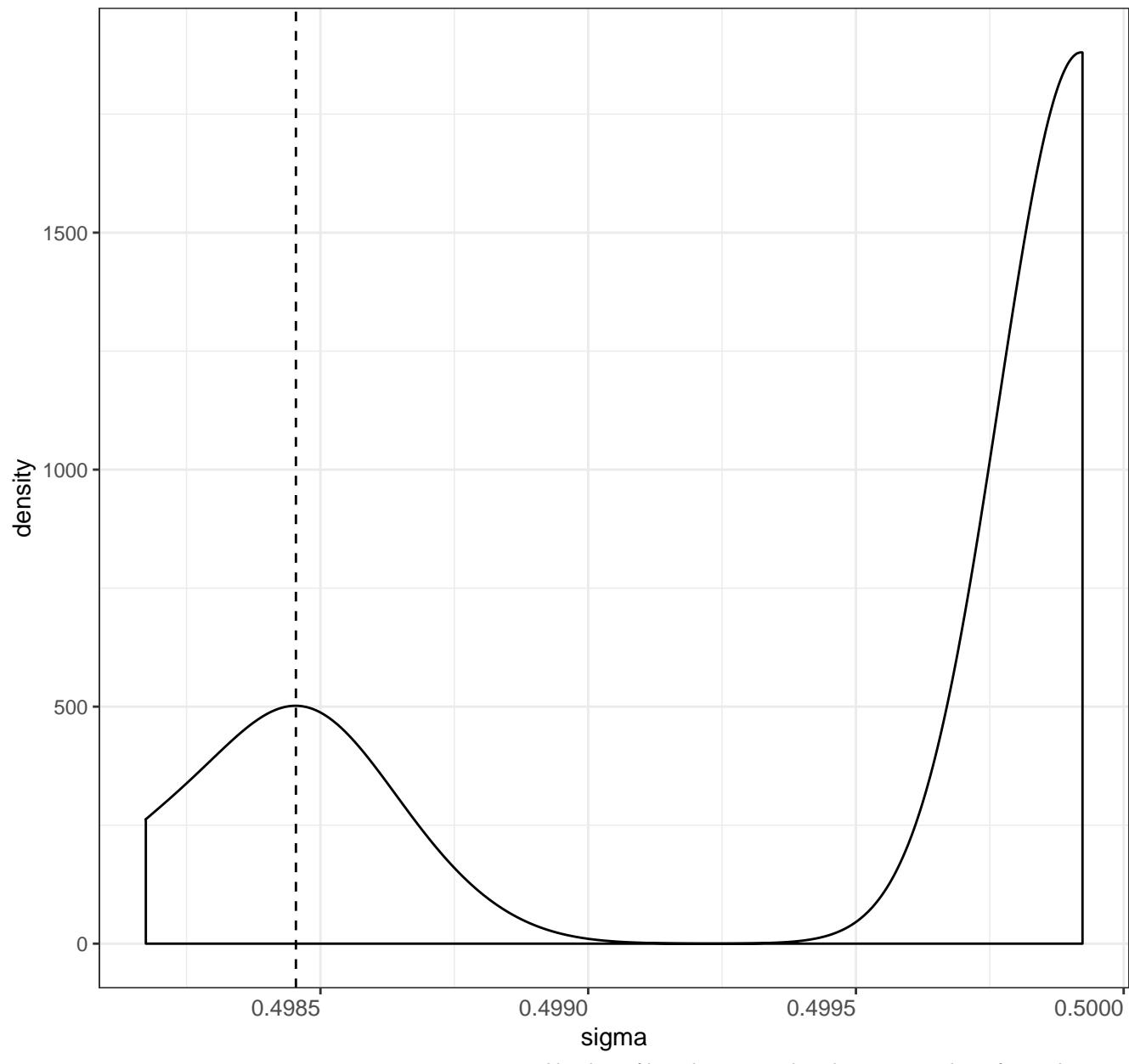
Posterior distribution for alpha

Legend | posterior mean | prior mean

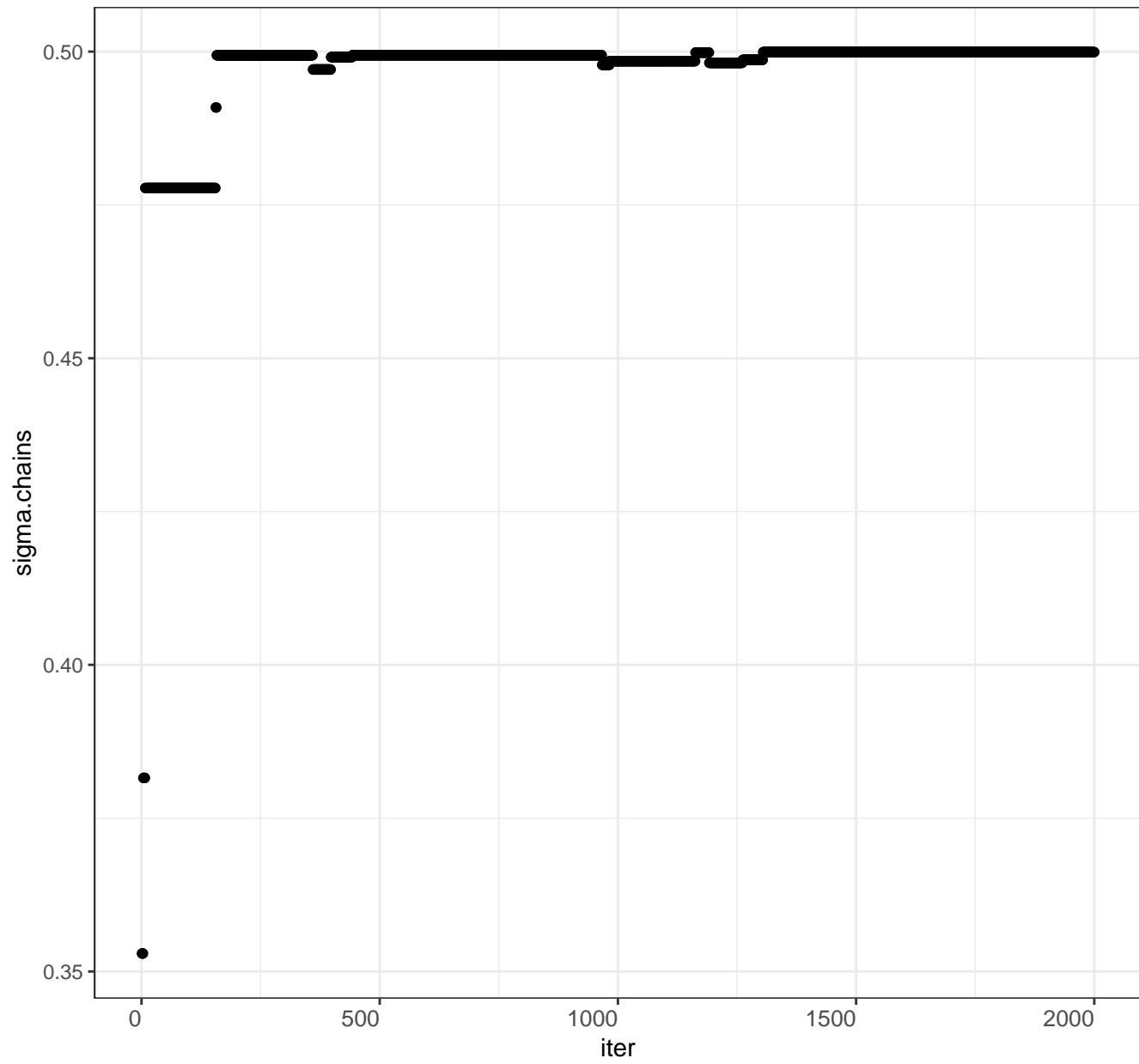


Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=10 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=20 ,r=10 true gr K=4 ,type=4 ,N=204

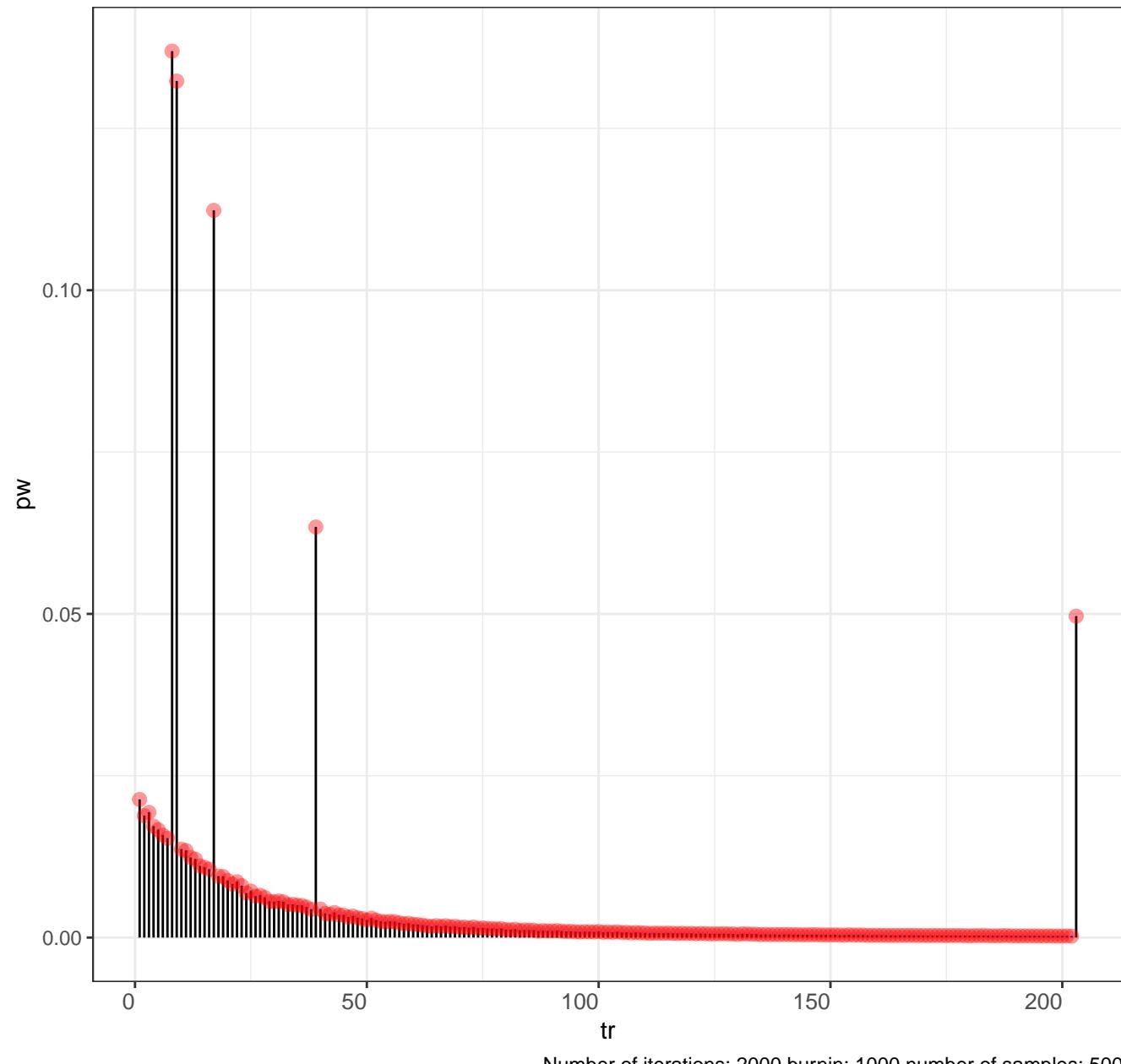


Trace plot for the sigma for S=20 r=10 true K=4 type=4

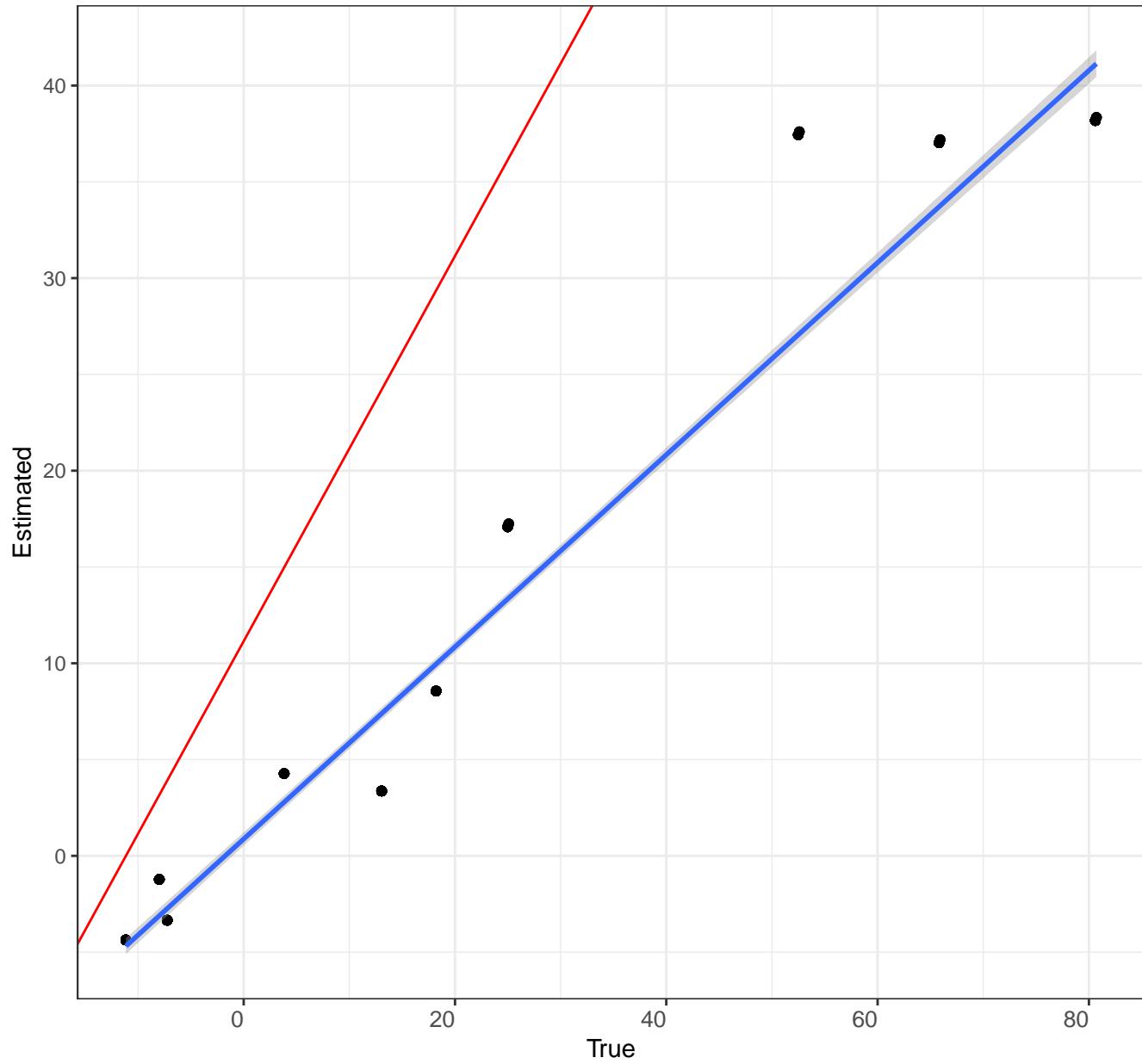


Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=20 ,r=10 true gr K=4 ,type=4 ,N=204 pN=0.05

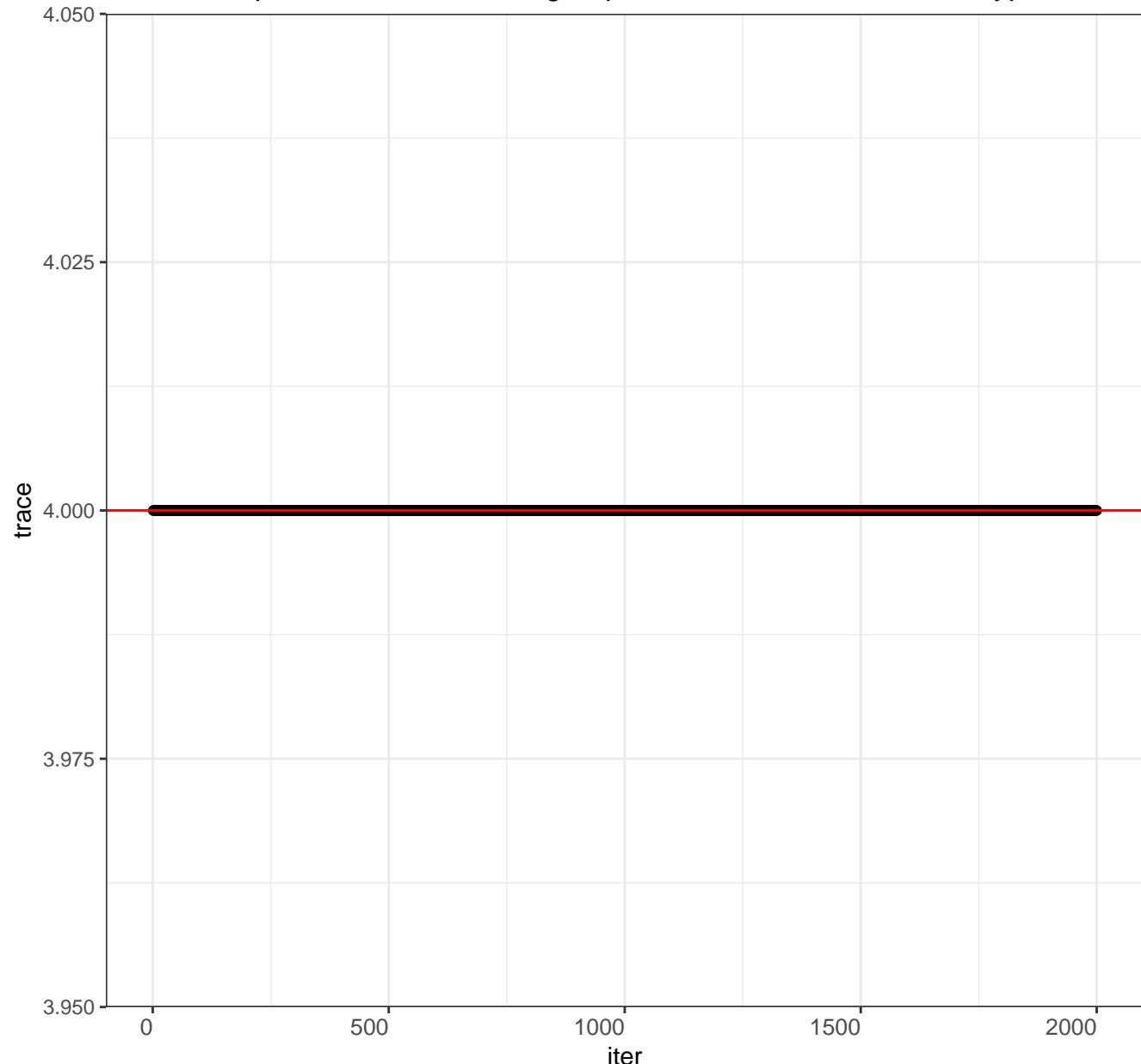


True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 r=10 true K=4 type=4

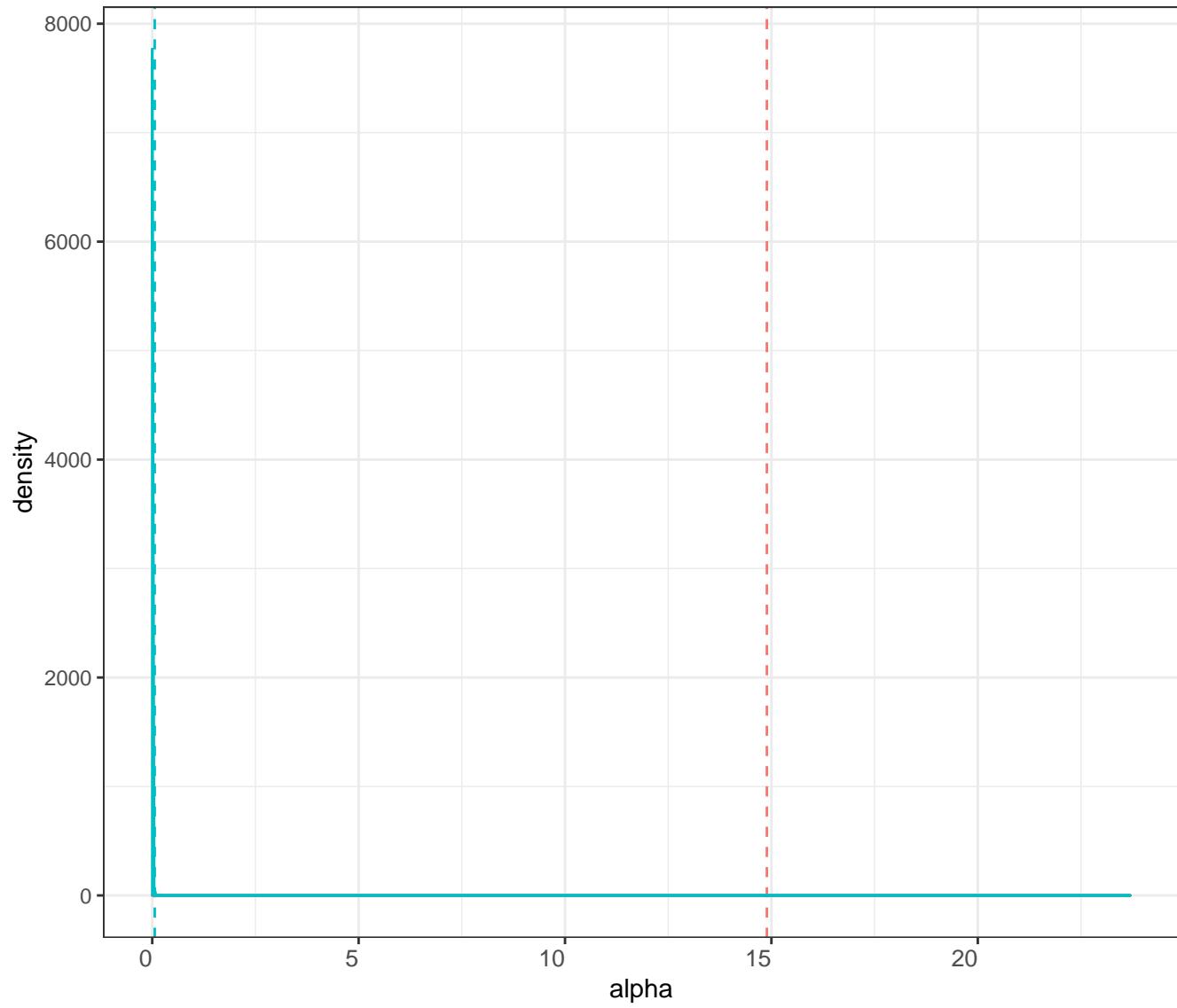
Trace plot for the number of groups K for S=20 r=10 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=20 ,r=10 true gr K=4 ,type=4 ,N=204

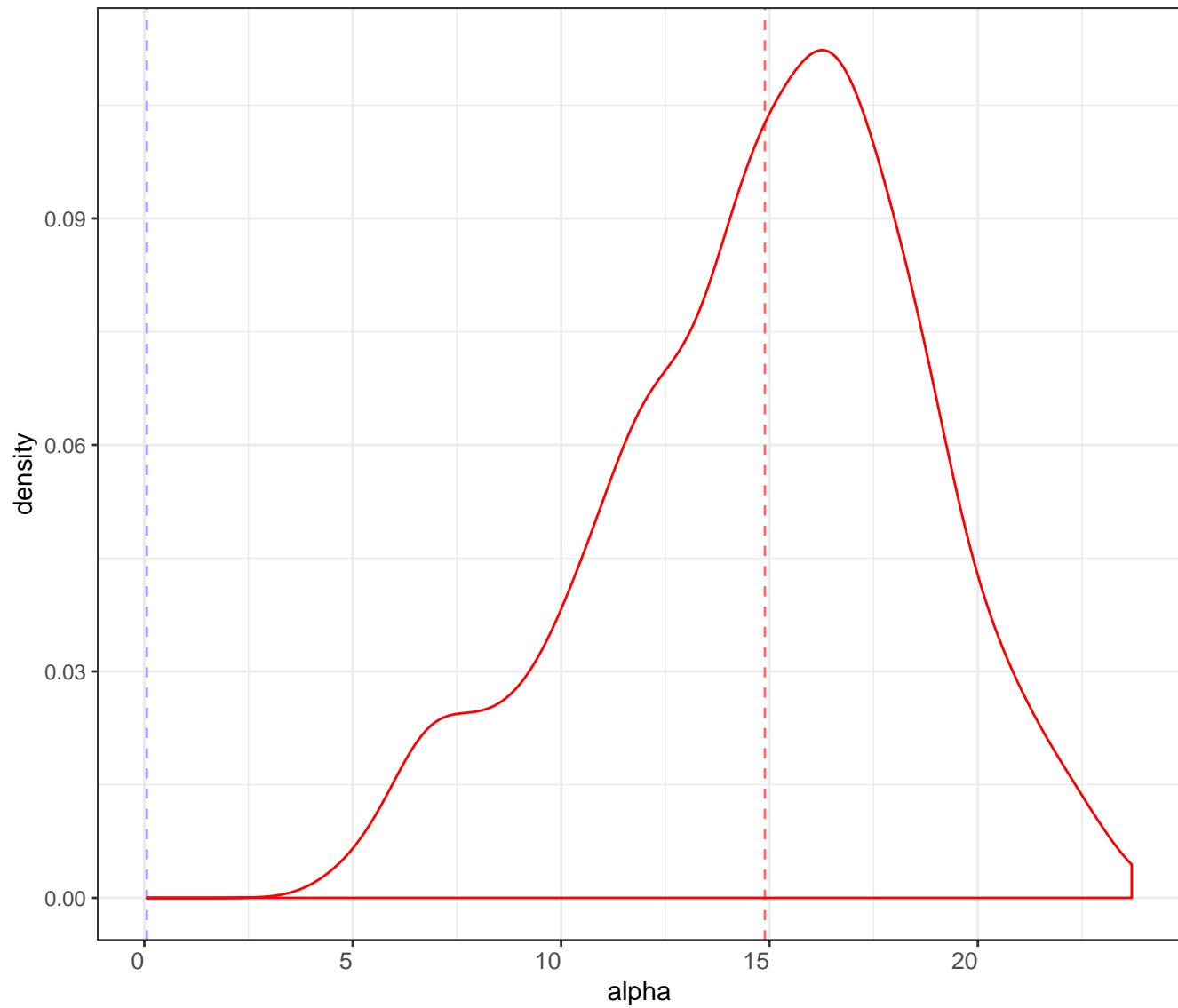
type  posterior  prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

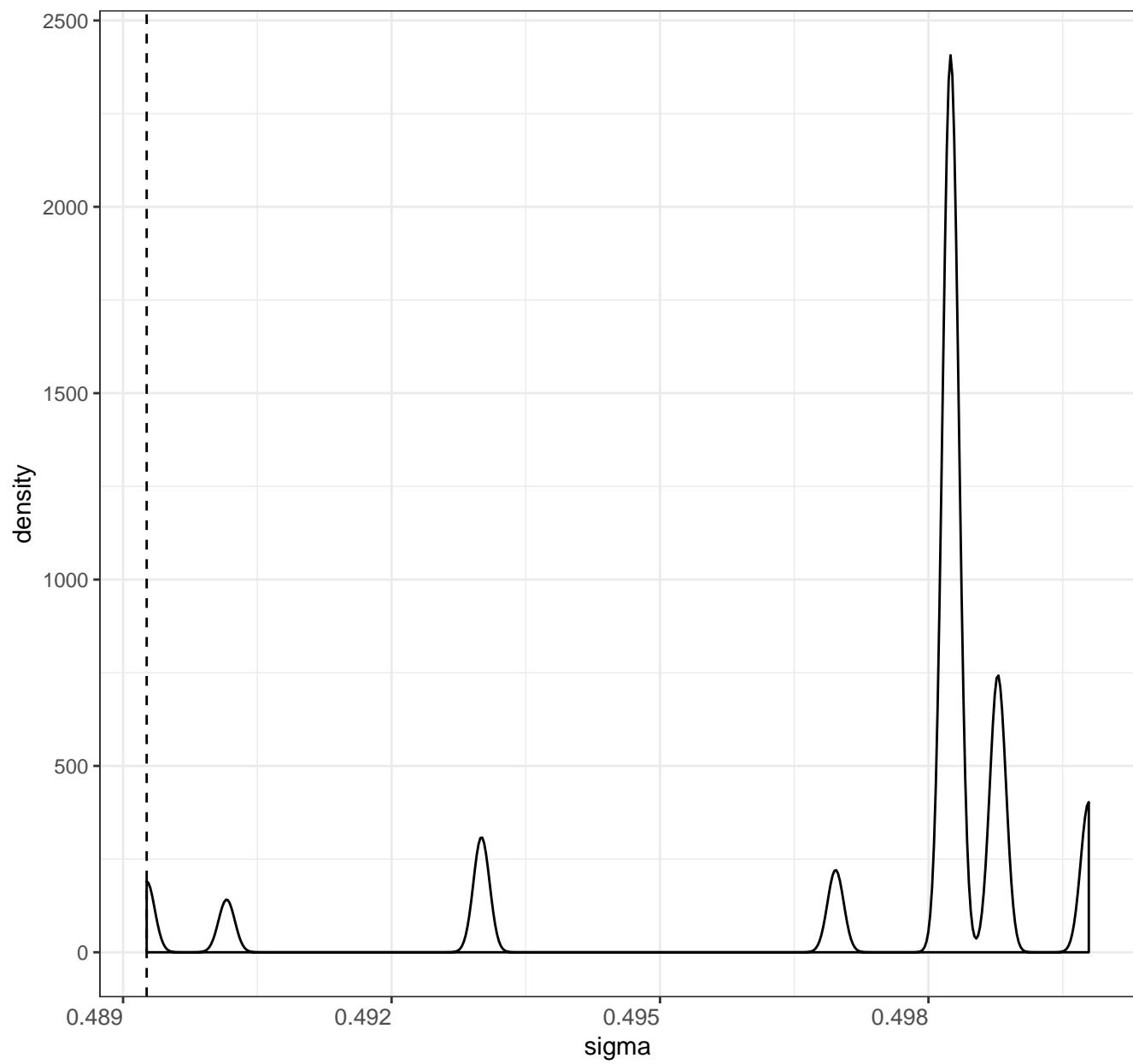
Posterior distribution for alpha

Legend | posterior mean | prior mean



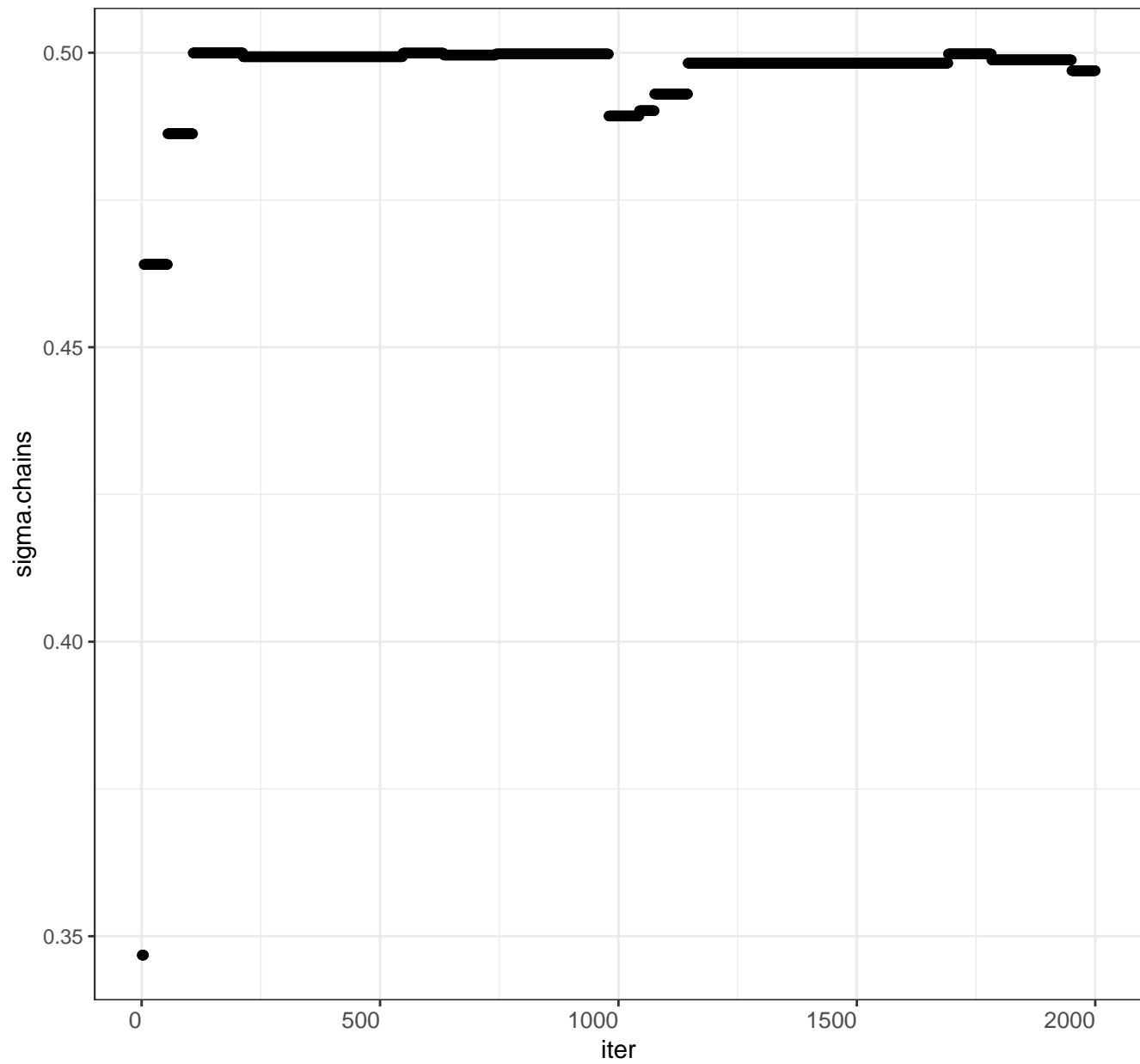
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=10 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=20 ,r=10 true gr K=4 ,type=4 ,N=204



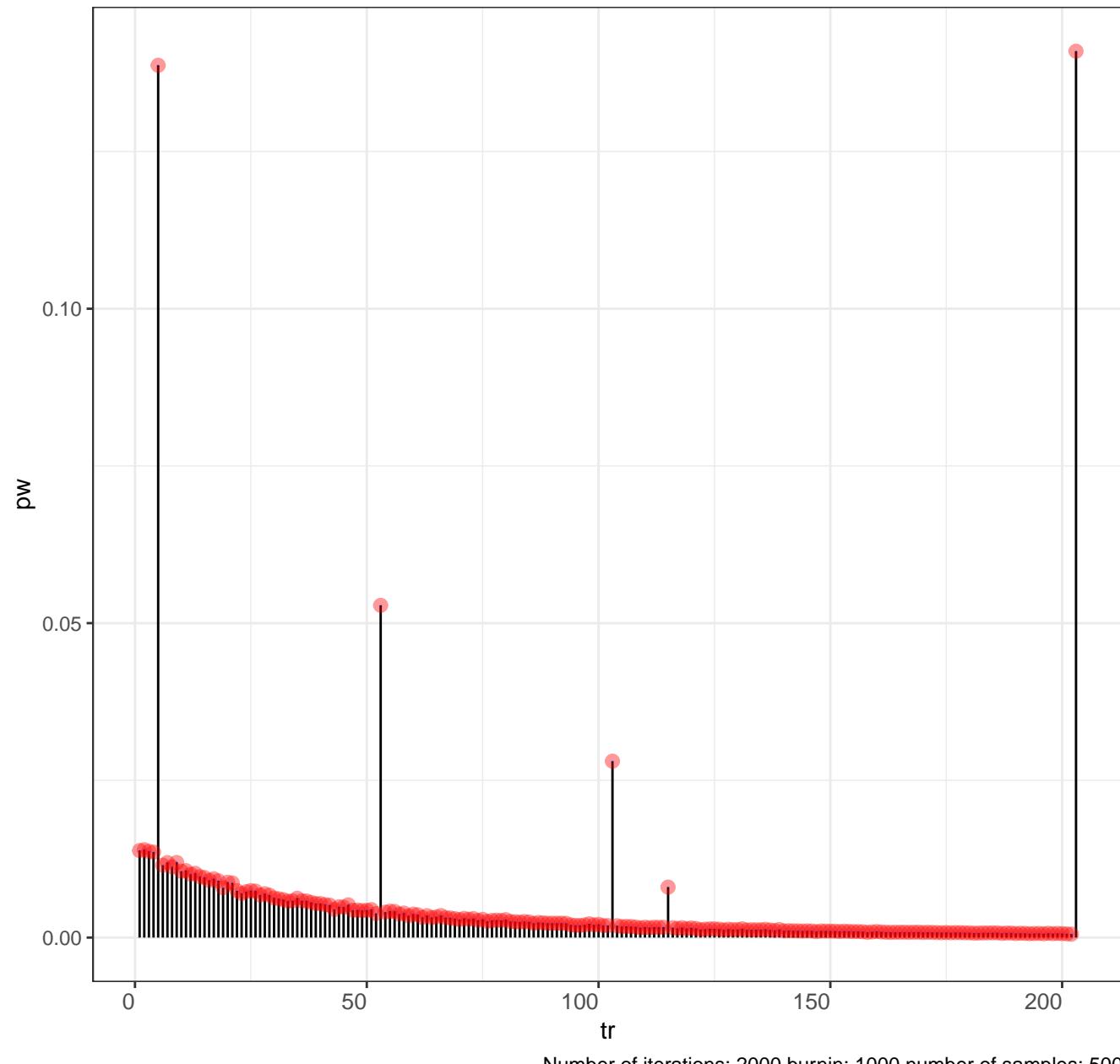
Number of iterations: 2000 burnin: 1000 number of samples: 500

Trace plot for the sigma for S=20 r=10 true K=4 type=4

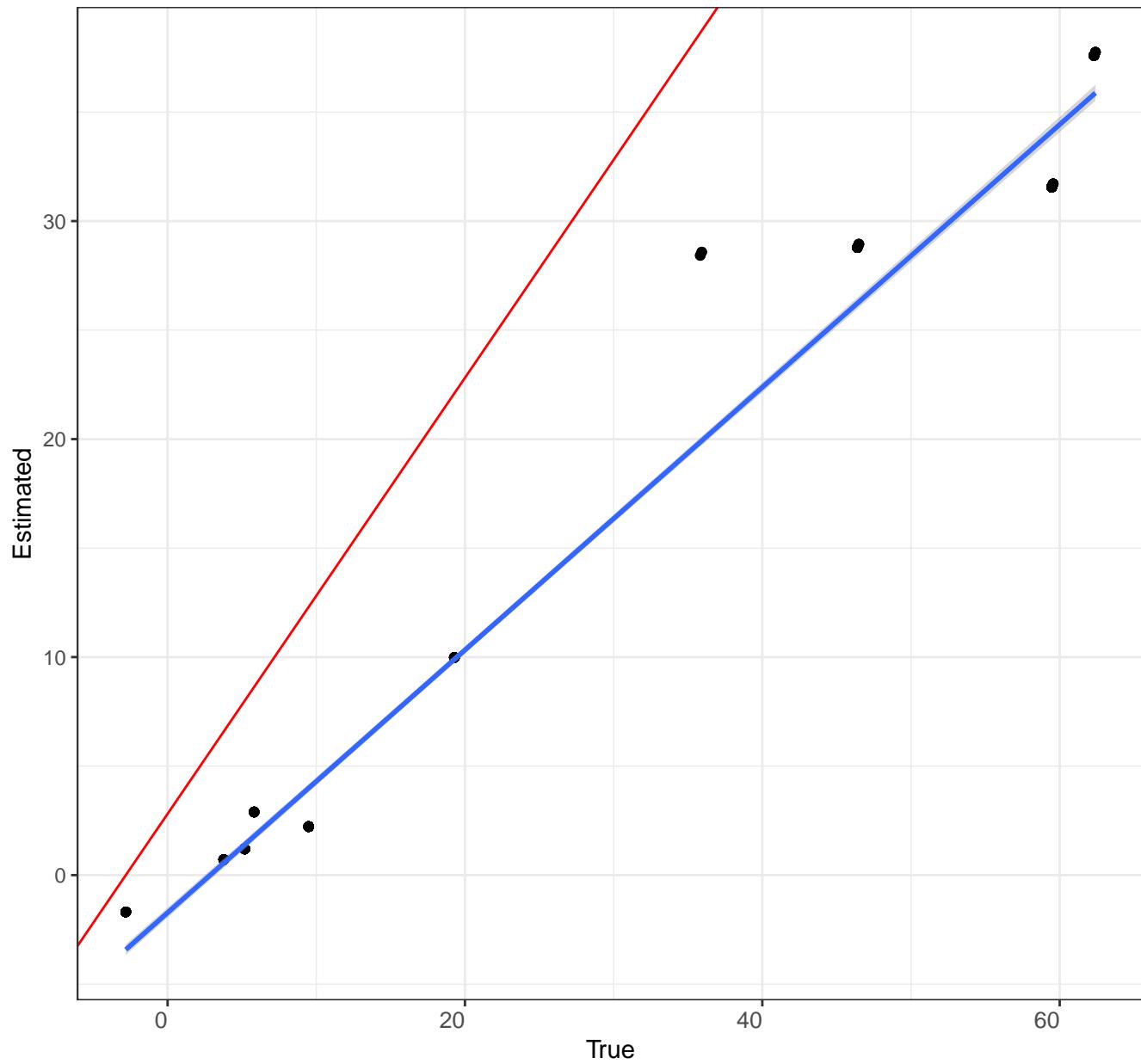


Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=20 ,r=10 true gr K=4 ,type=4 ,N=204 pN=0.141

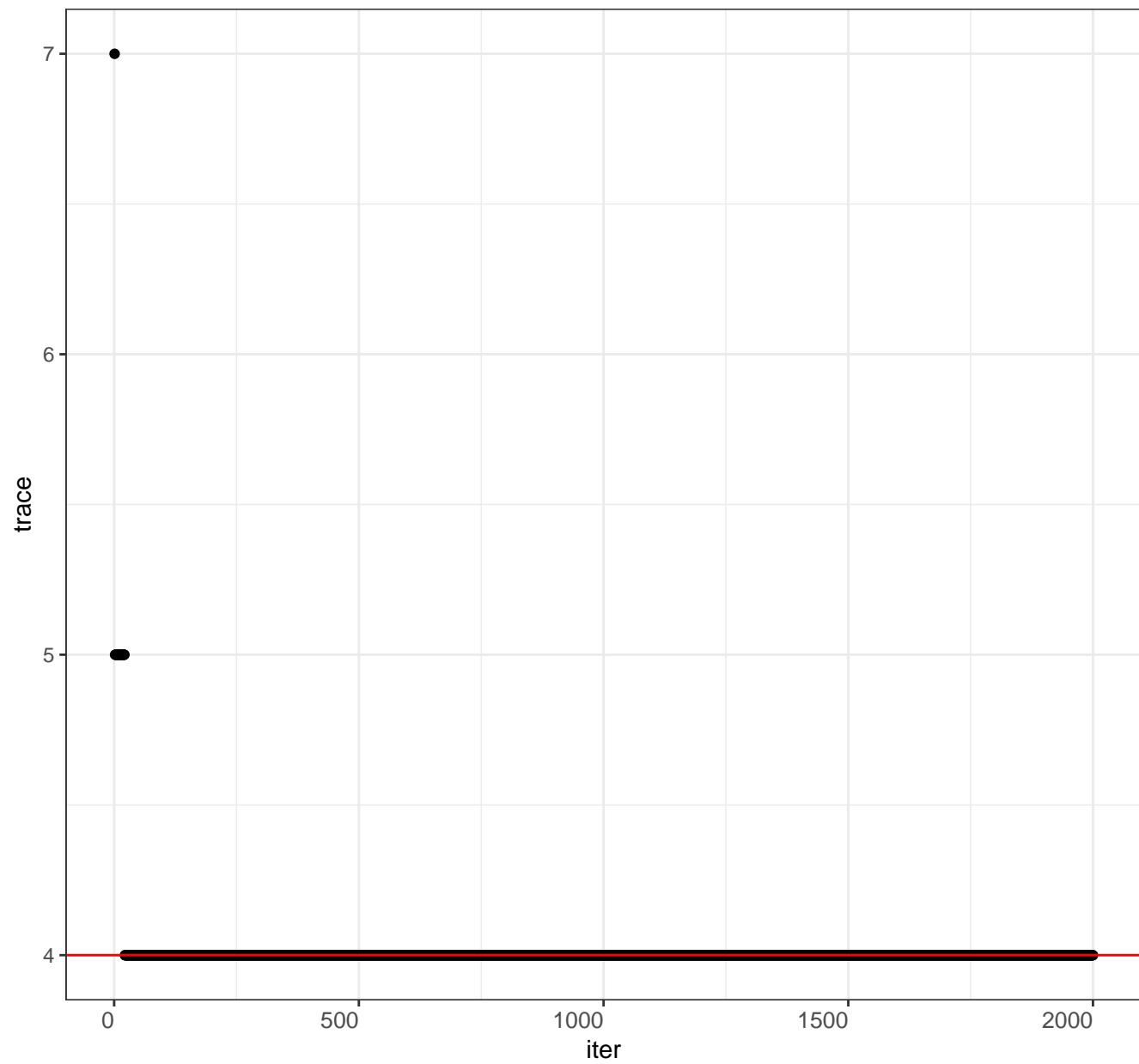


True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 r=10 true K=4 type=4

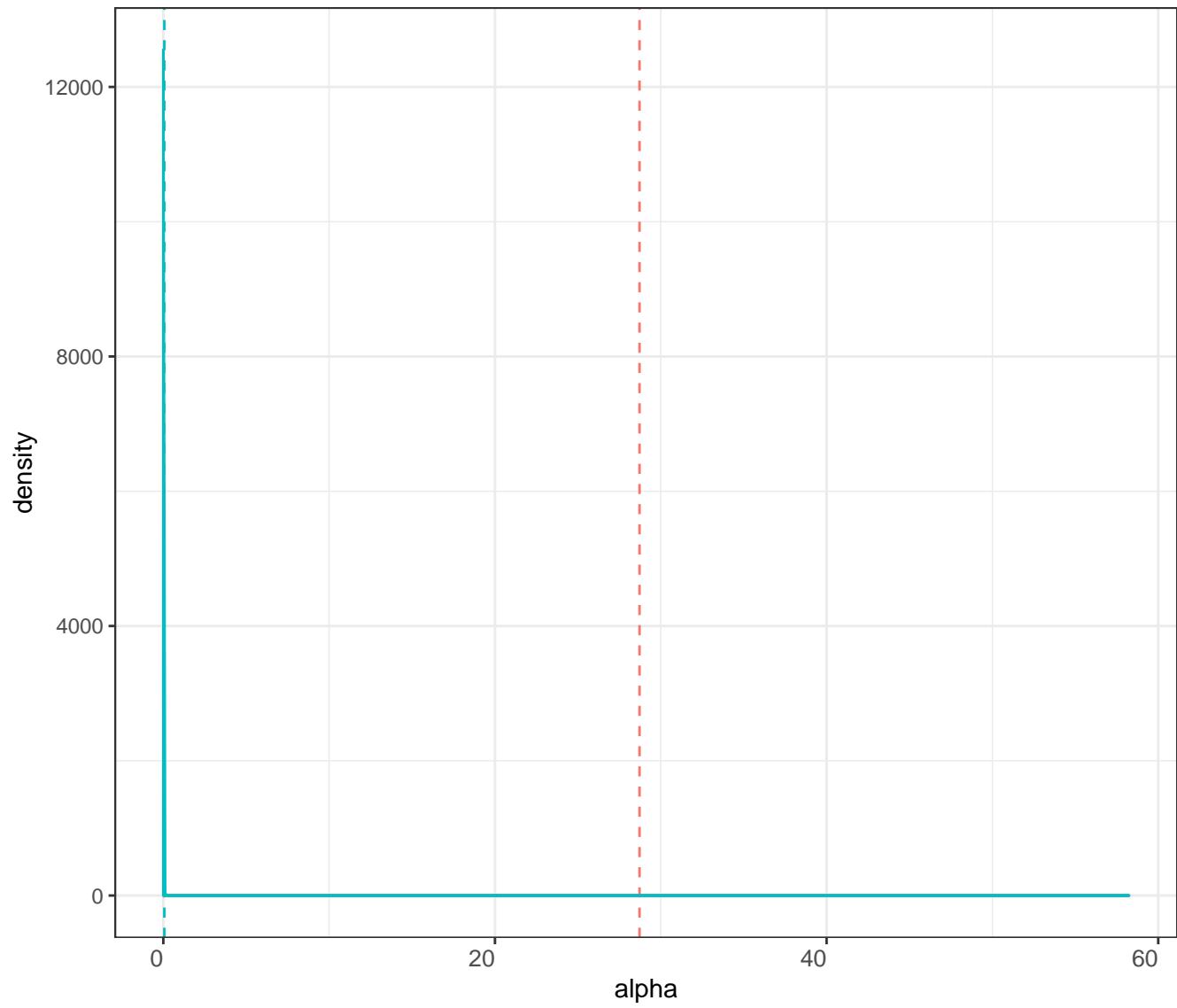
Trace plot for the number of groups K for S=20 r=10 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=20 ,r=10 true gr K=4 ,type=4 ,N=204

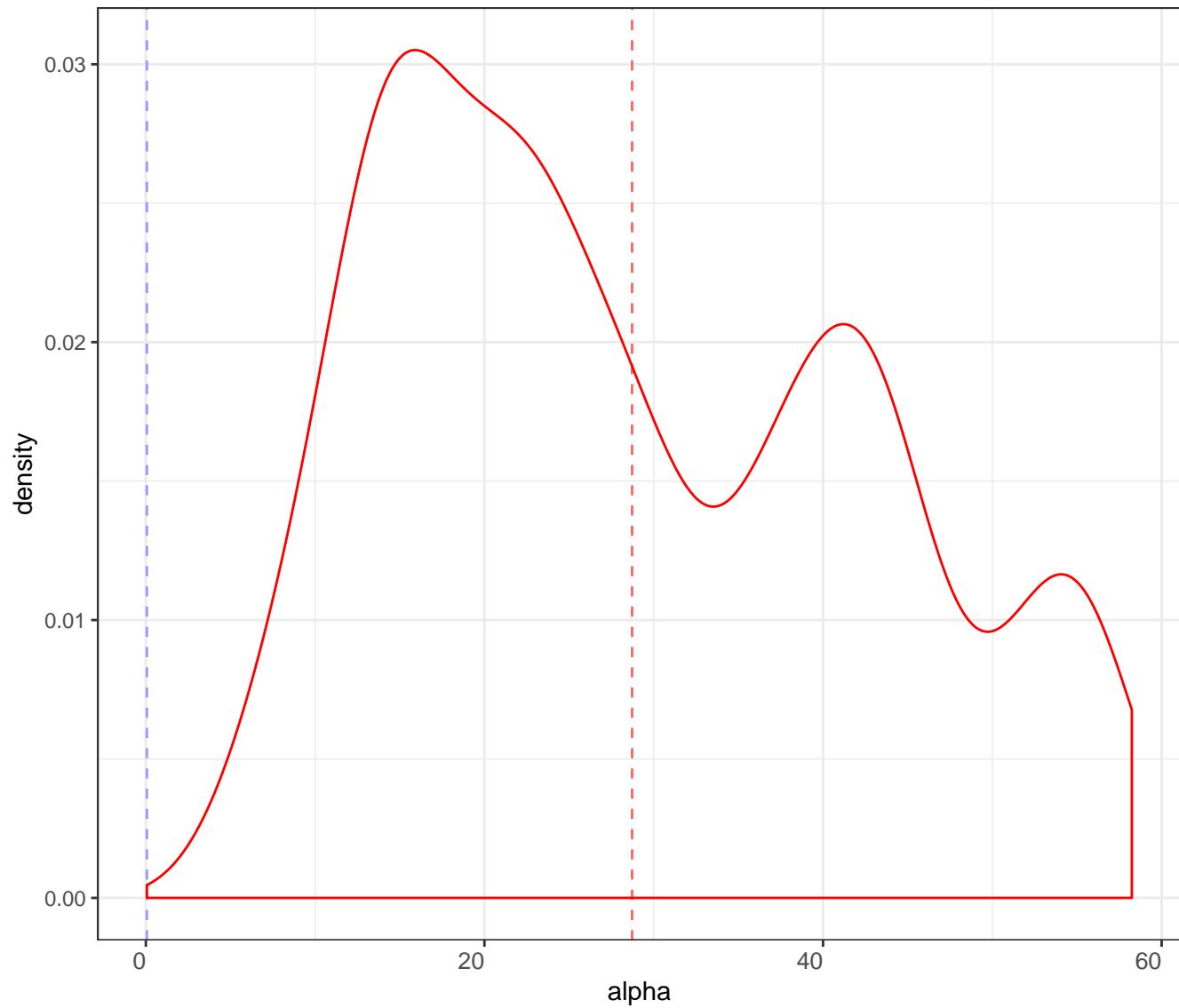
type  posterior  prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

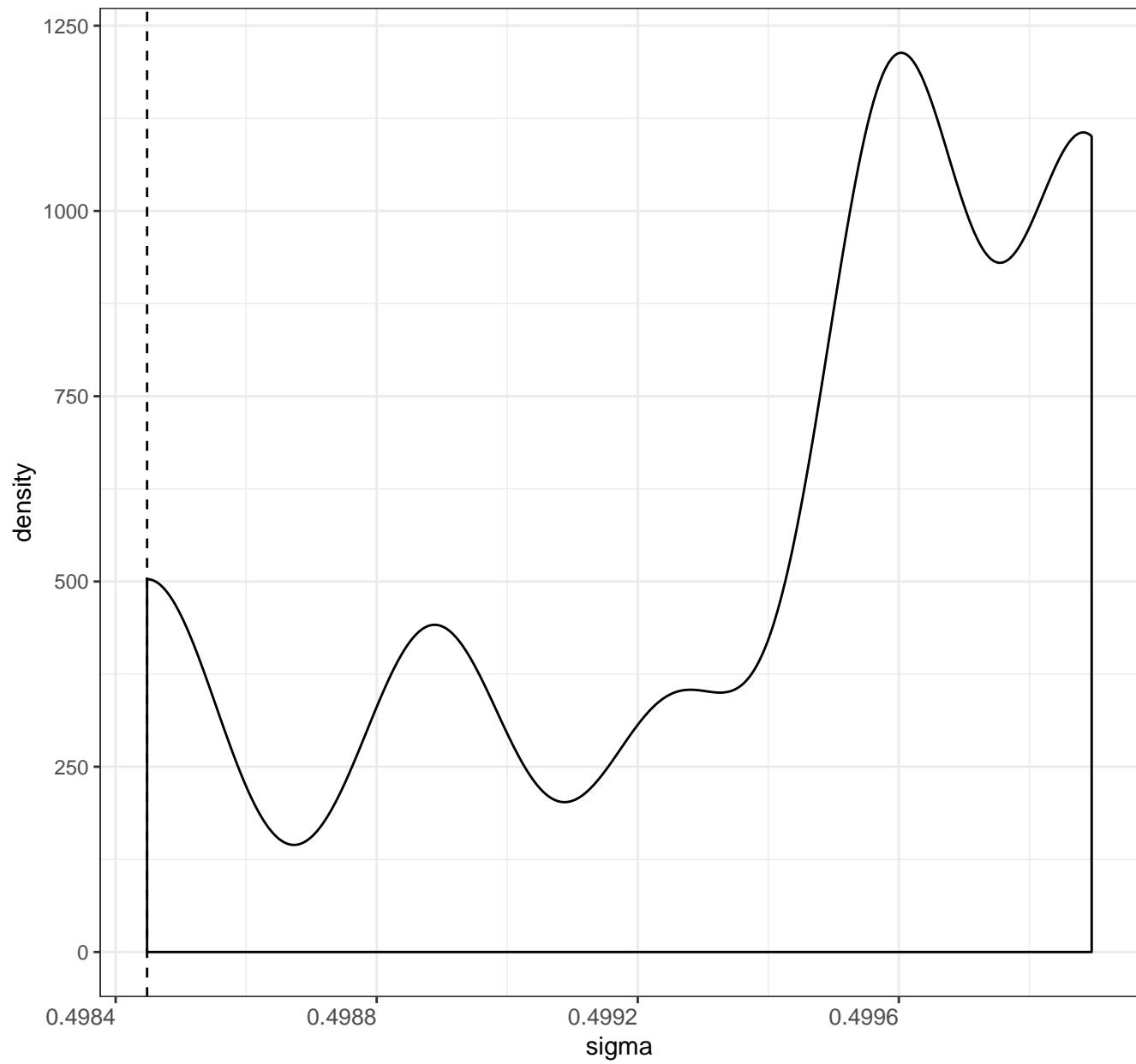
Posterior distribution for alpha

Legend | posterior mean | prior mean

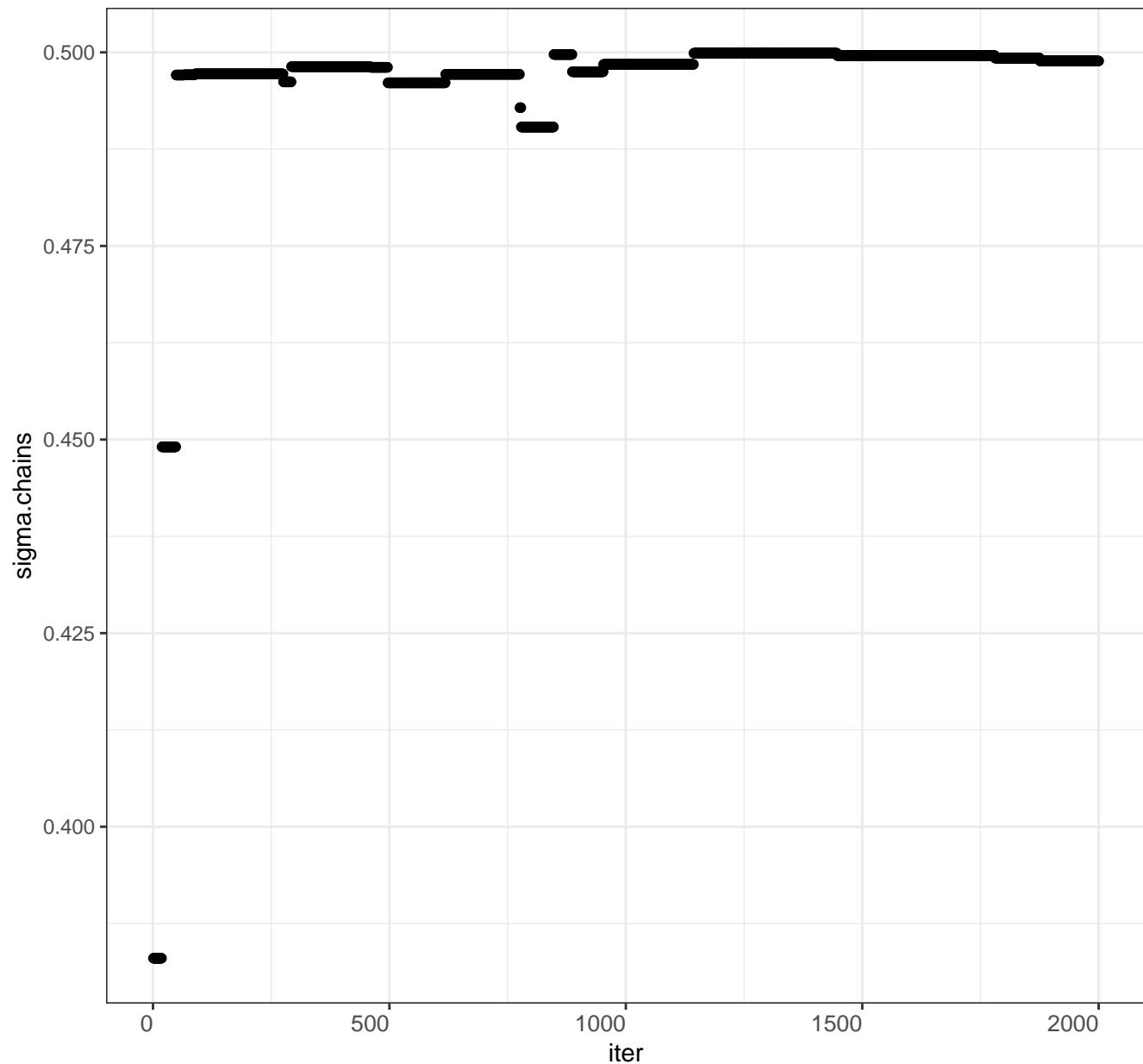


Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=10 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=20 ,r=10 true gr K=4 ,type=4 ,N=204

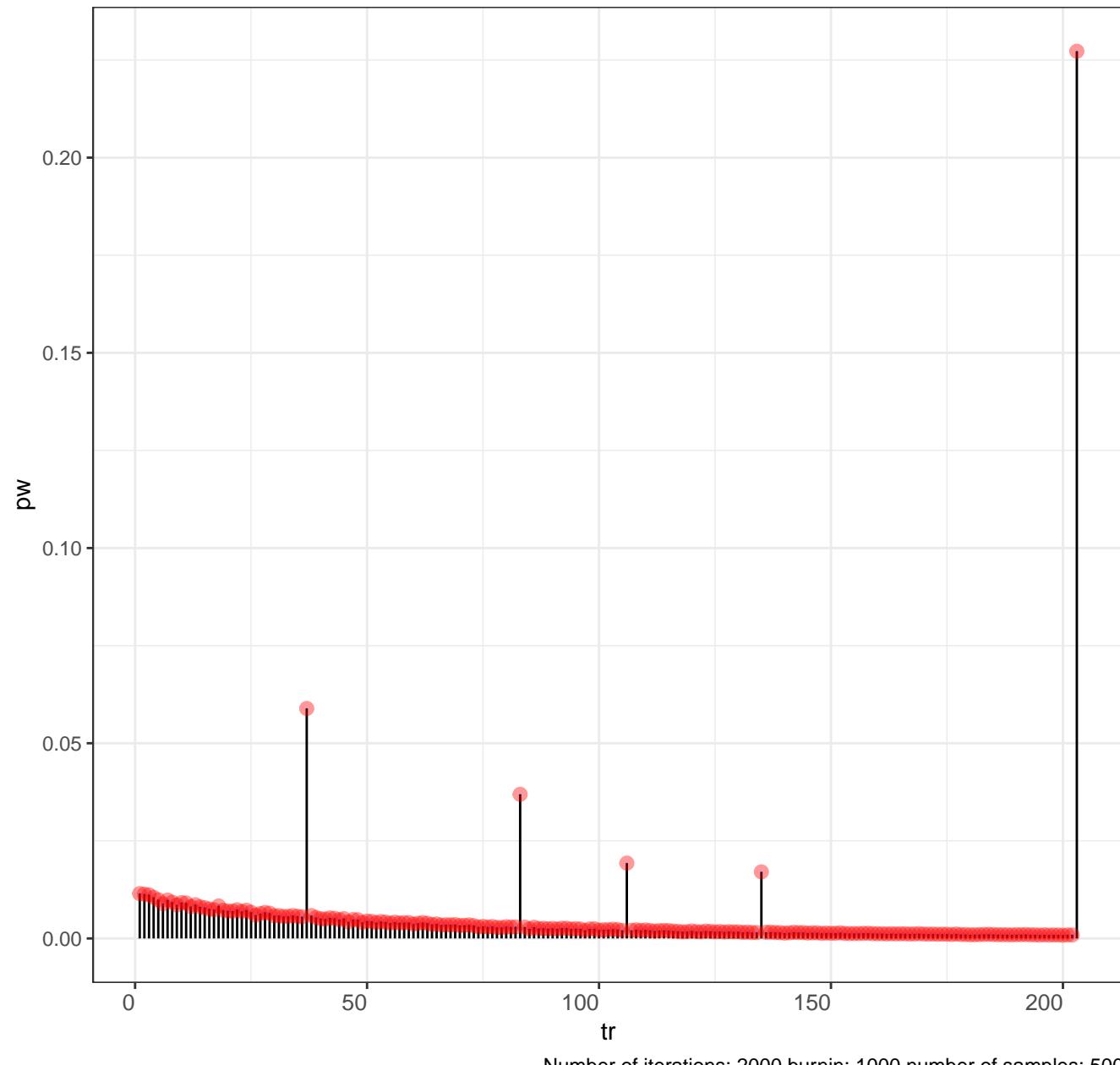


Trace plot for the sigma for S=20 r=10 true K=4 type=4



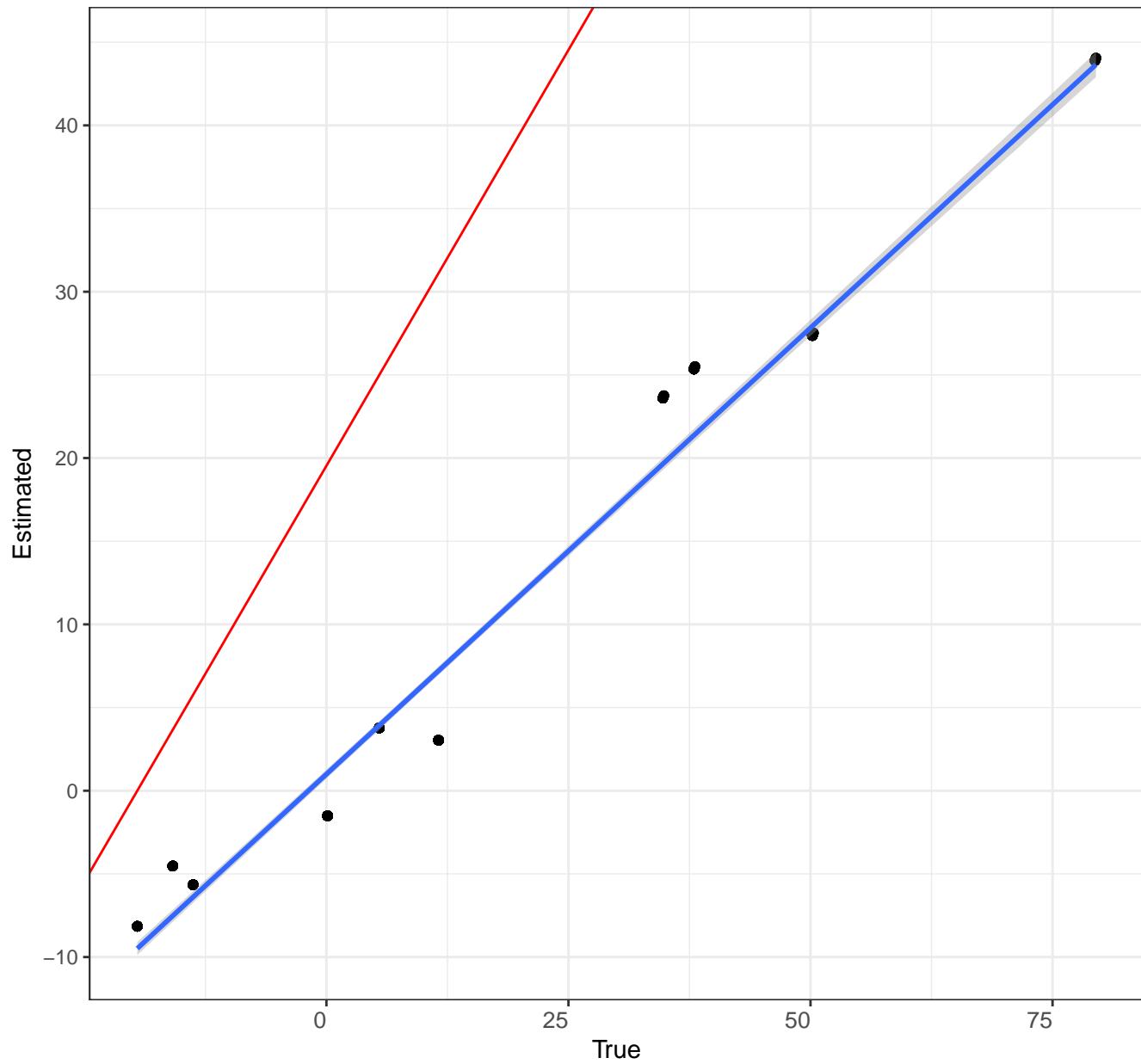
Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=20 ,r=10 true gr K=4 ,type=4 ,N=204 pN=0.227



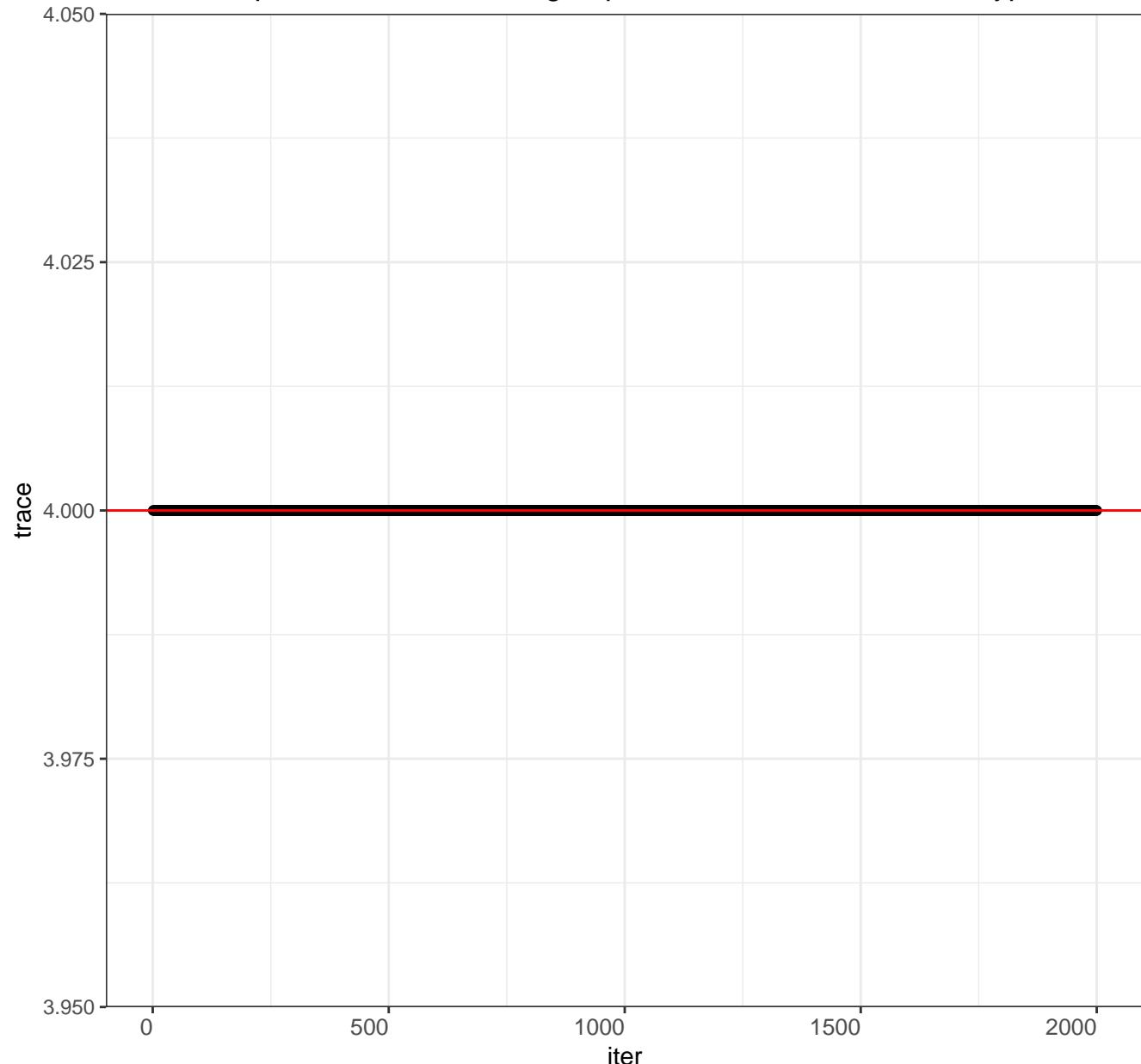
Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 r=10 true K=4 type=4

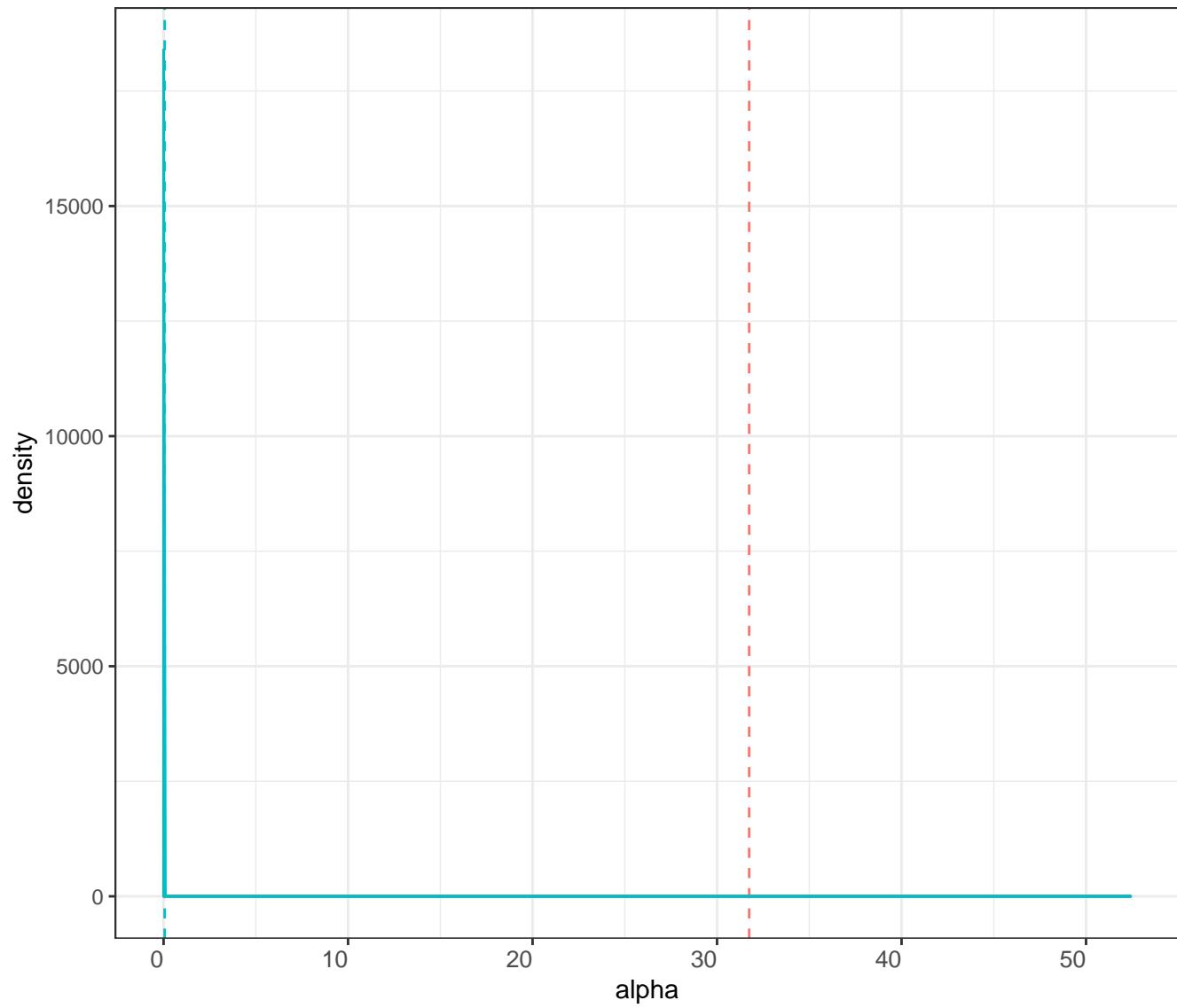
Trace plot for the number of groups K for S=20 r=10 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=20 ,r=10 true gr K=4 ,type=4 ,N=204

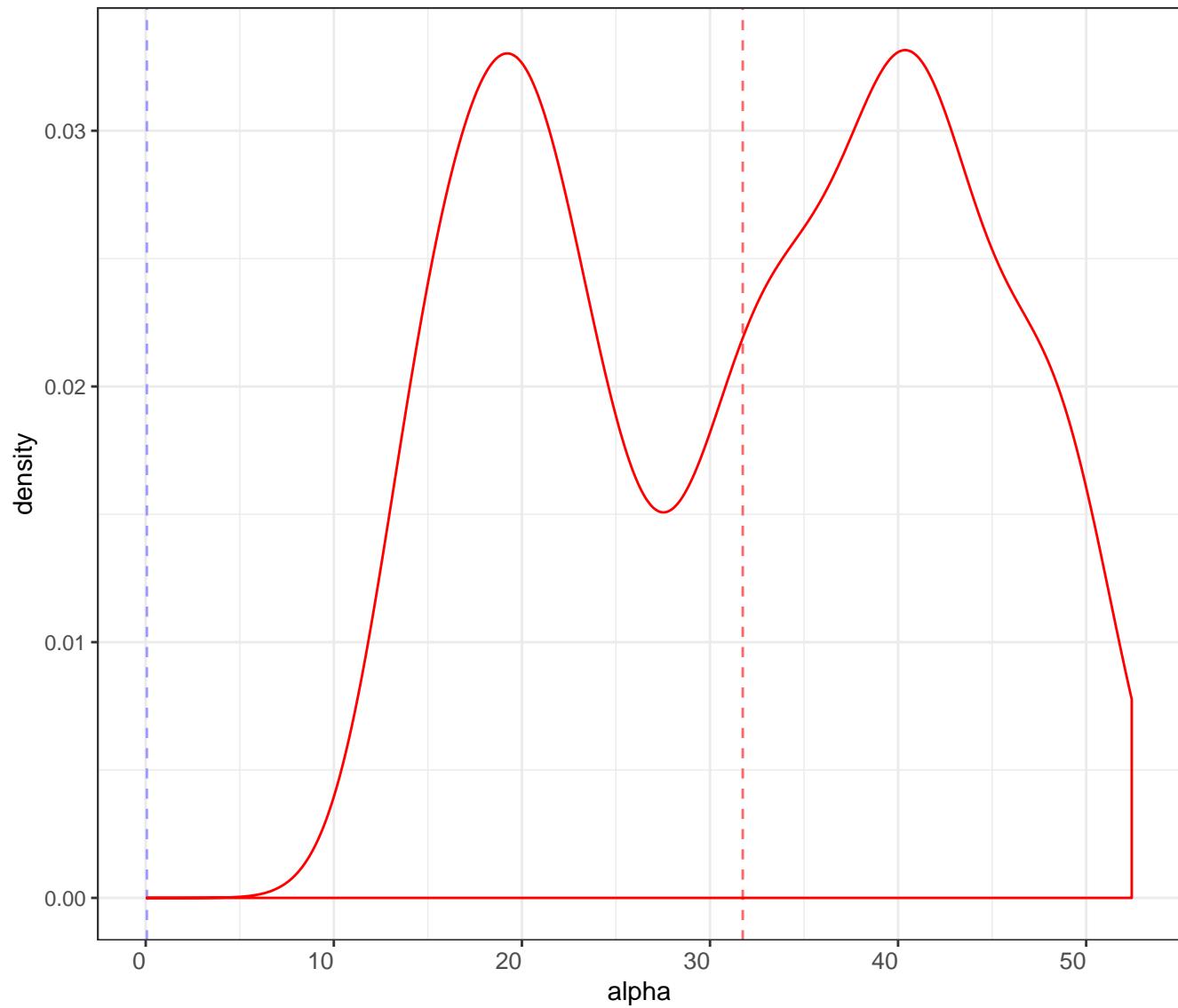
type  posterior  prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

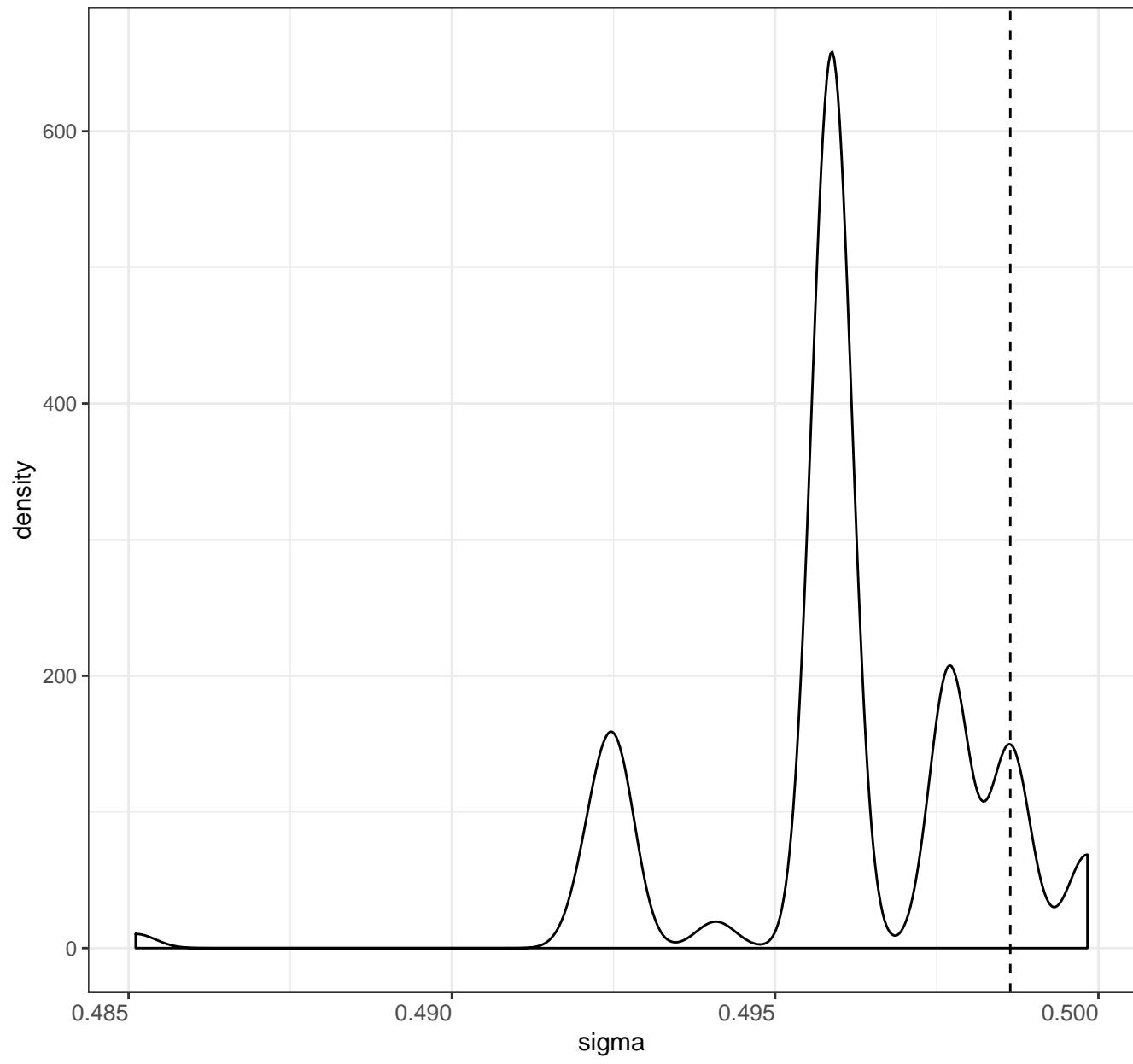
Posterior distribution for alpha

Legend | posterior mean | prior mean



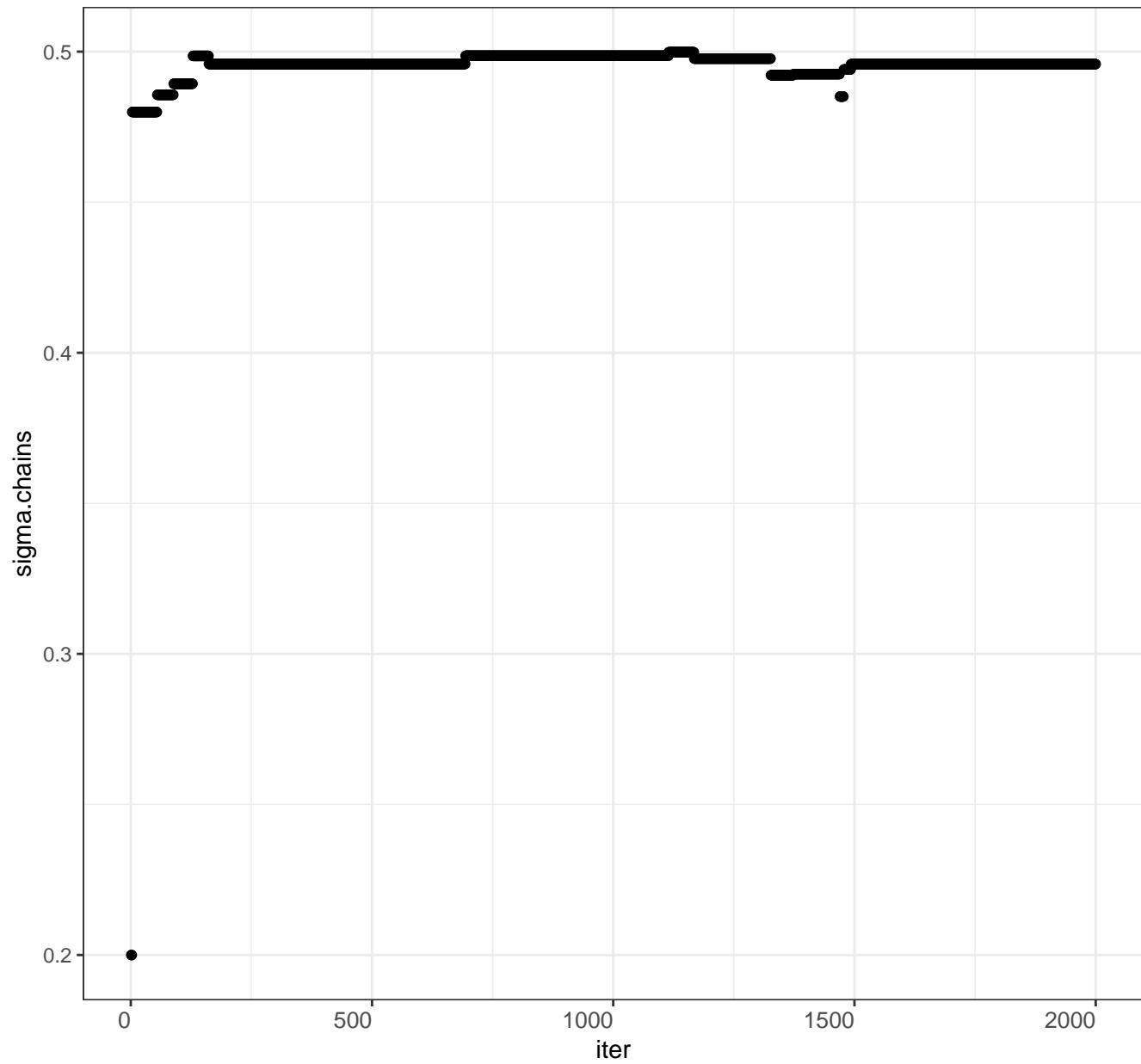
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=10 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=20 ,r=10 true gr K=4 ,type=4 ,N=204



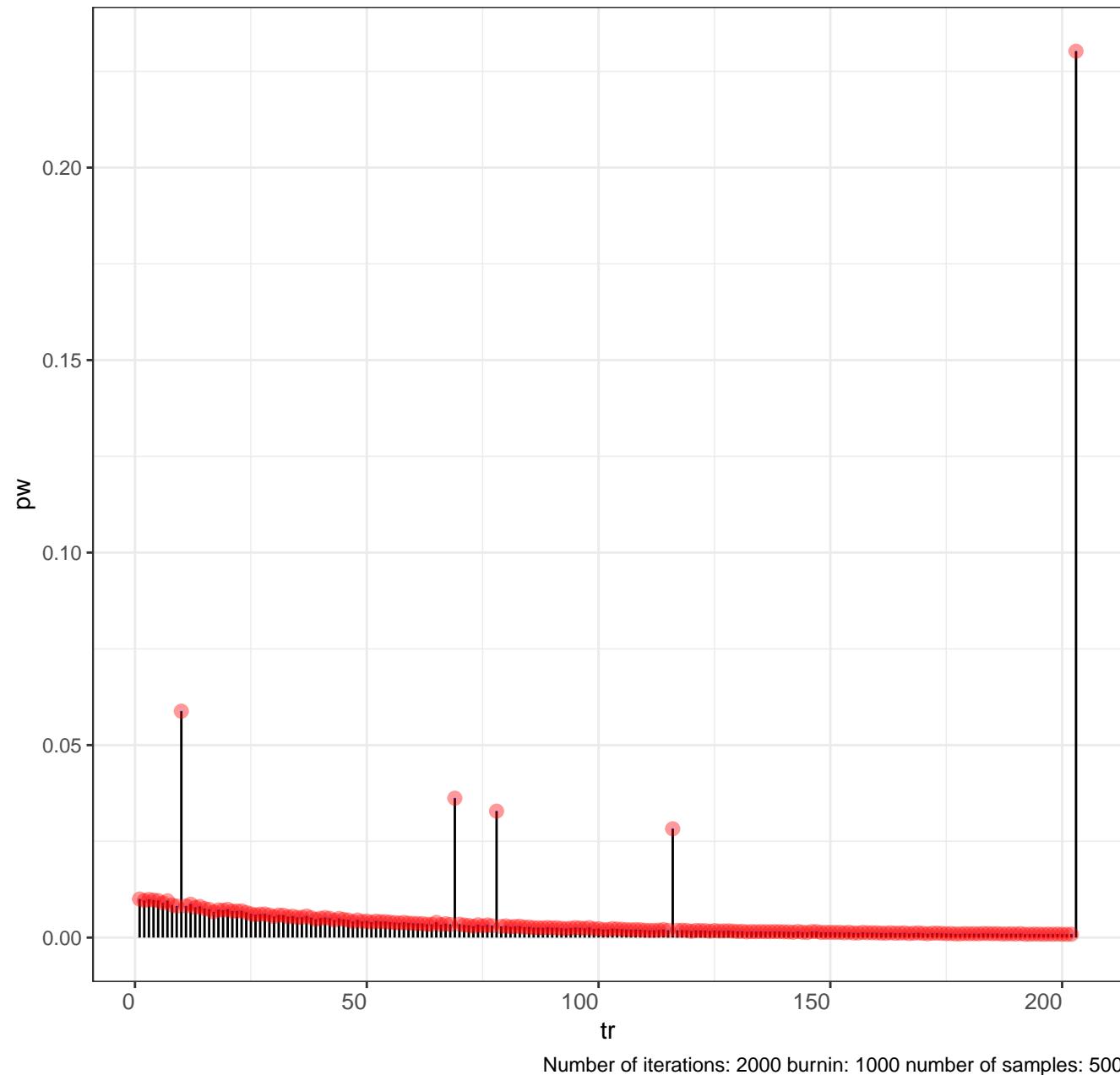
Number of iterations: 2000 burnin: 1000 number of samples: 500

Trace plot for the sigma for S=20 r=10 true K=4 type=4

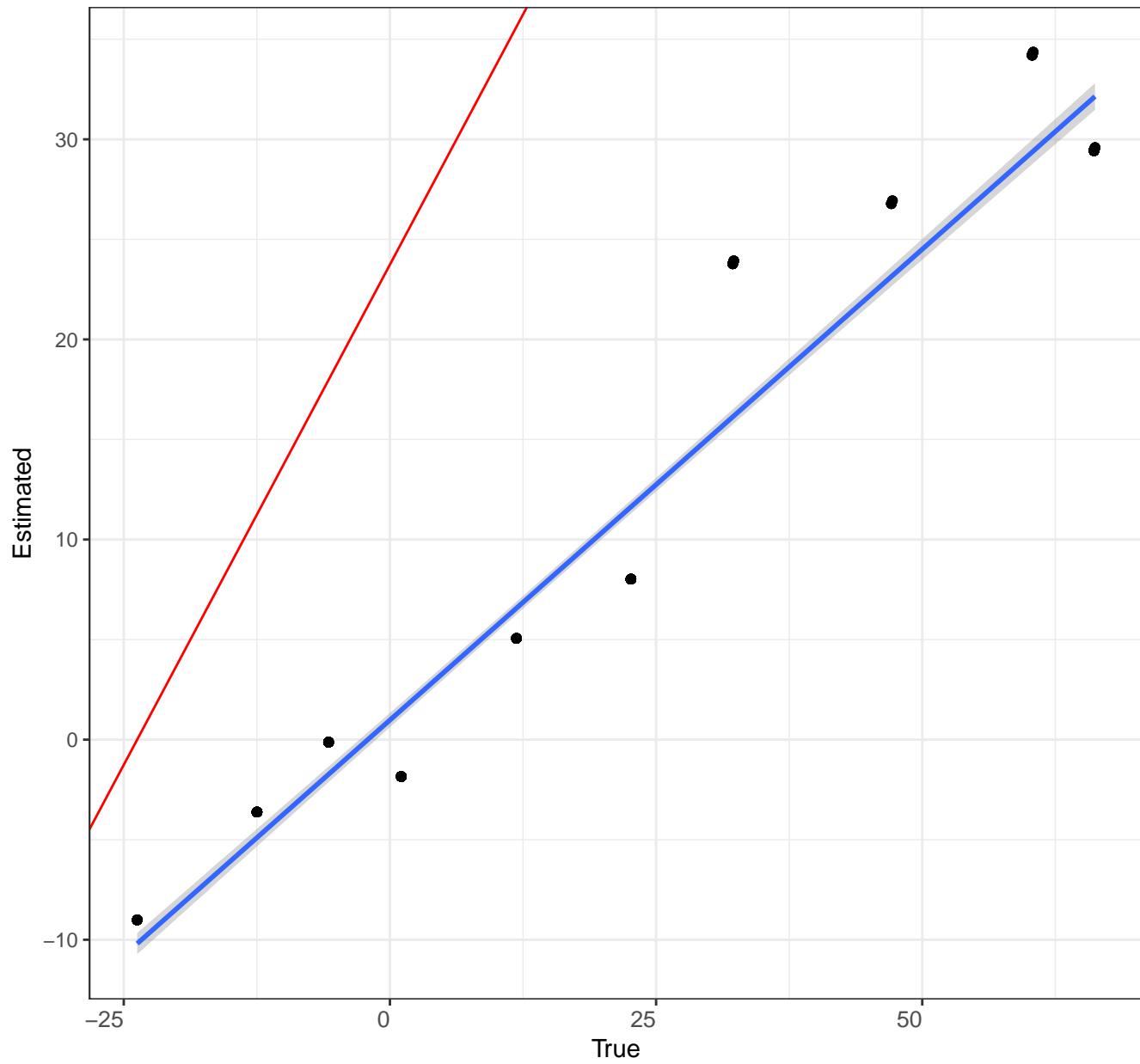


Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=20 ,r=10 true gr K=4 ,type=4 ,N=204 pN=0.23

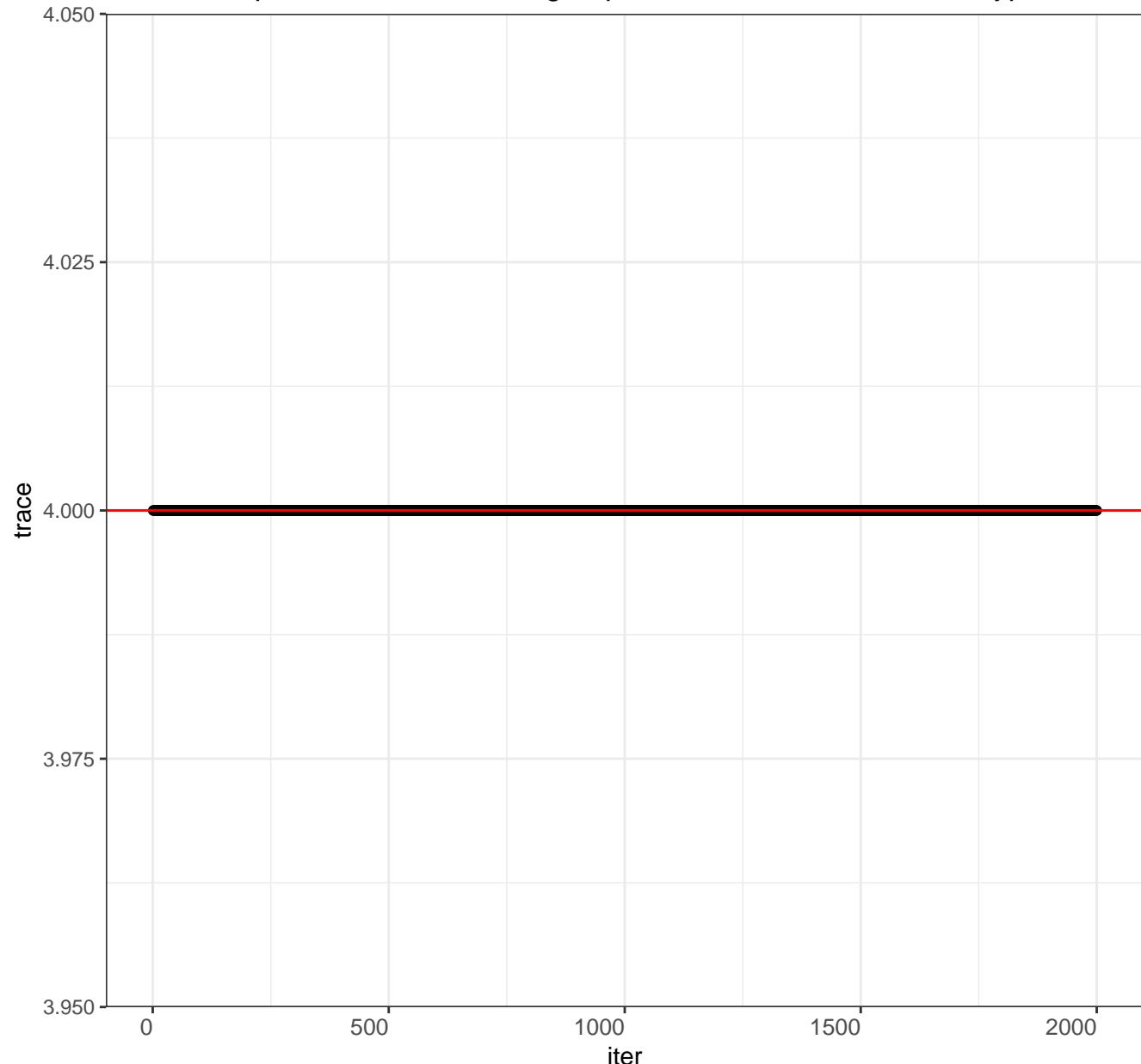


True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 r=10 true K=4 type=4

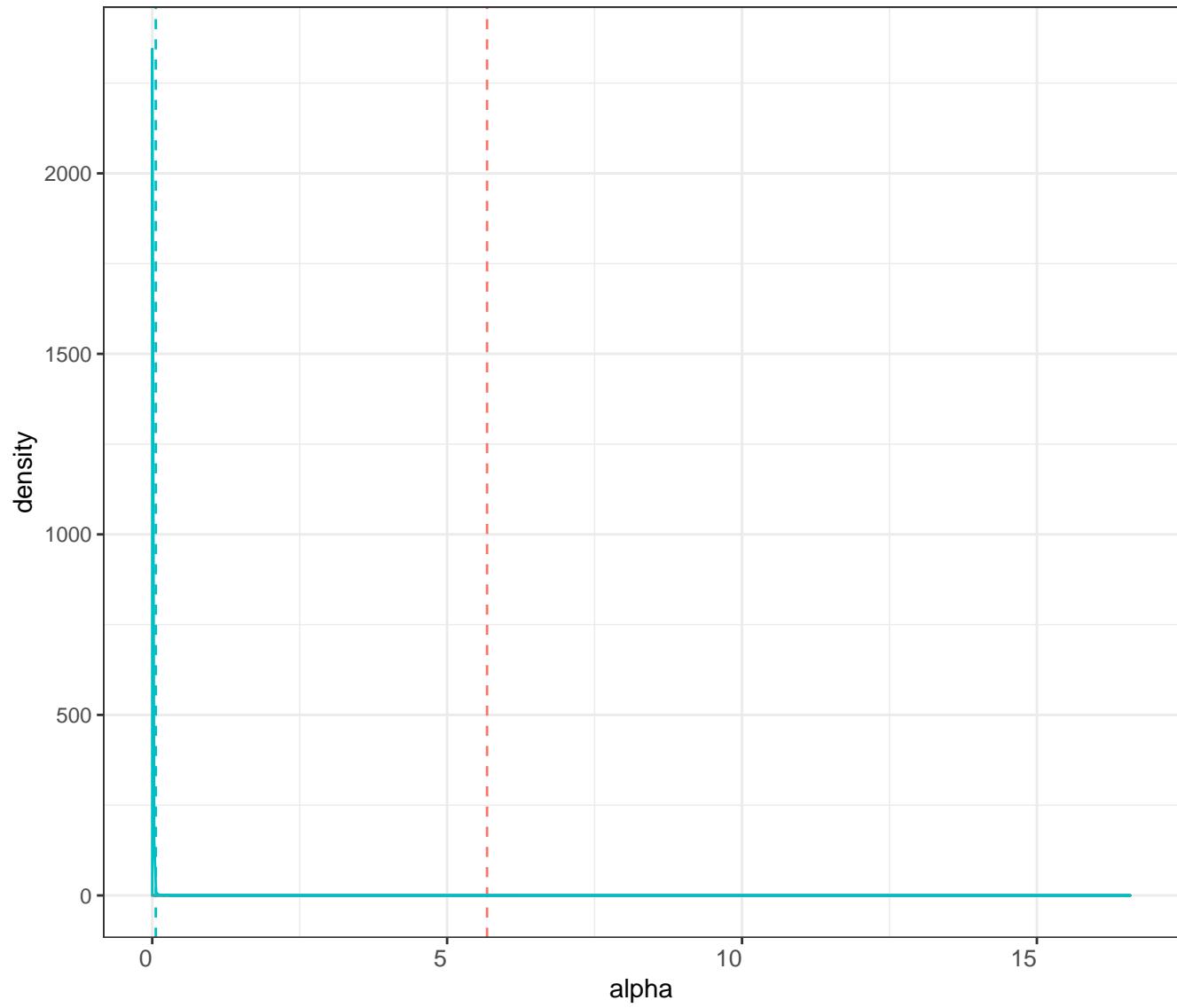
Trace plot for the number of groups K for S=20 r=10 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=20 ,r=10 true gr K=4 ,type=4 ,N=204

type  posterior  prior

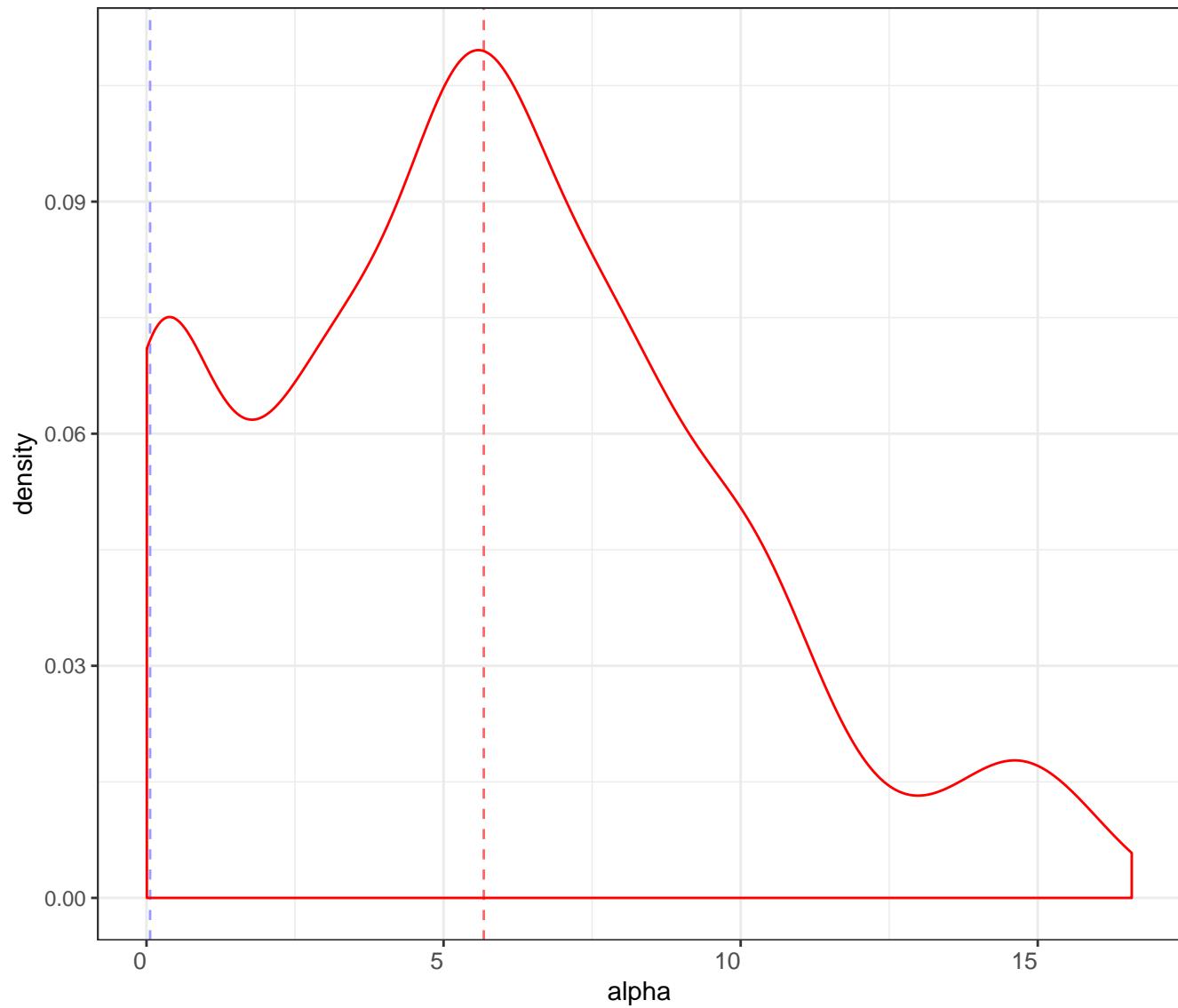


Number of iterations: 2000 burnin: 1000 number of samples: 500

Posterior distribution for alpha

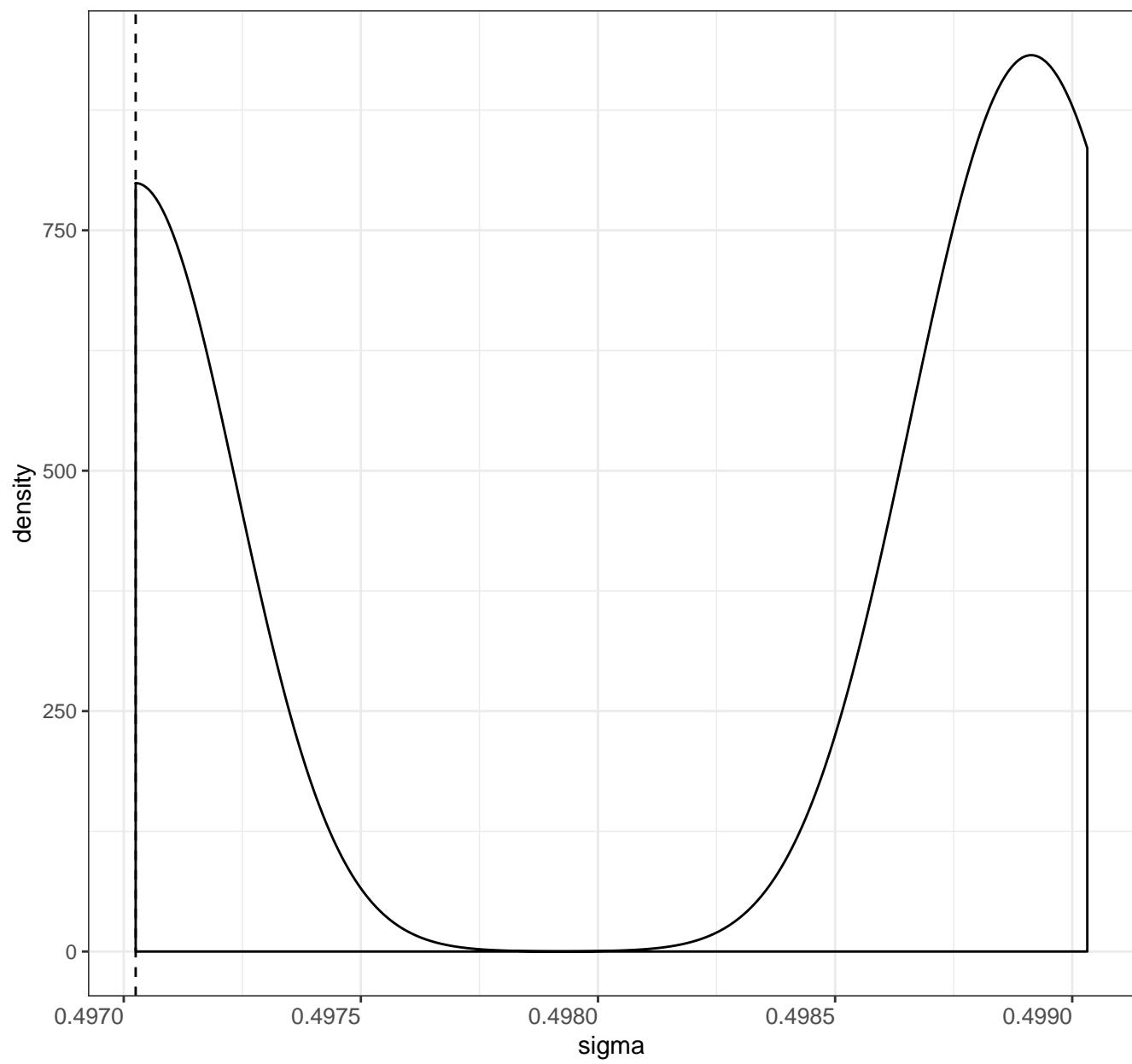
Legend

posterior mean prior mean



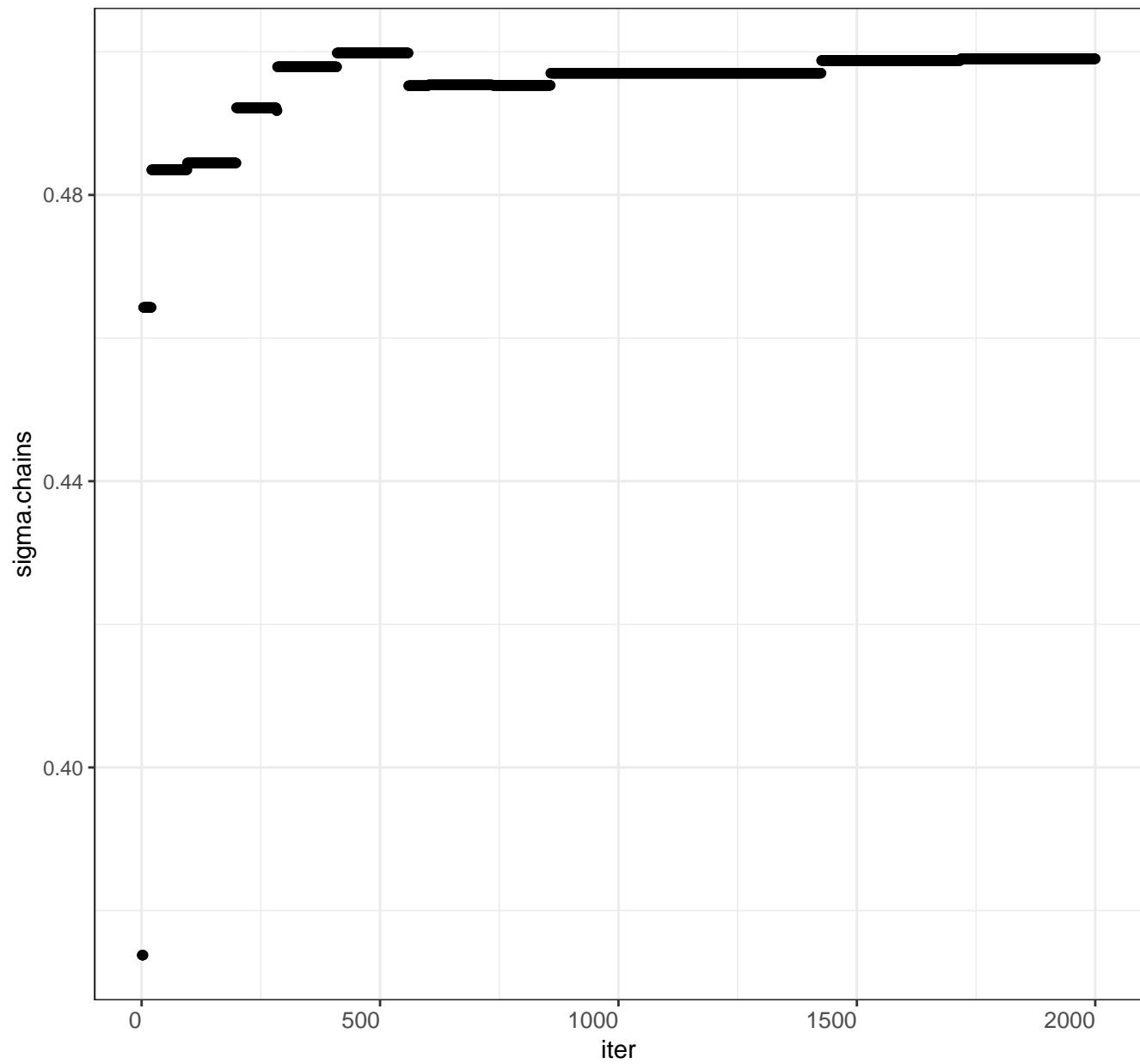
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=10 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=20 ,r=10 true gr K=4 ,type=4 ,N=204

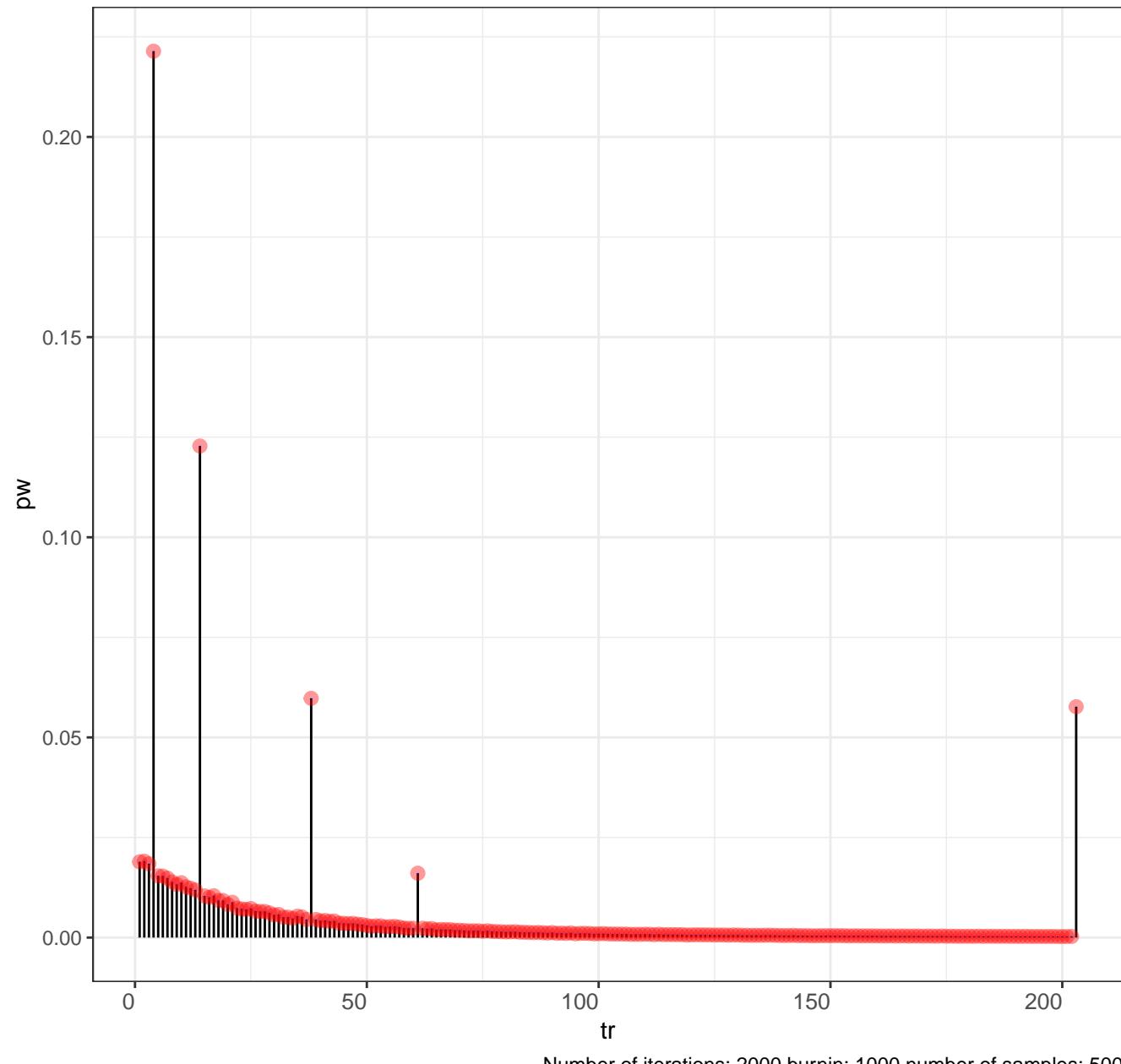


Number of iterations: 2000 burnin: 1000 number of samples: 500

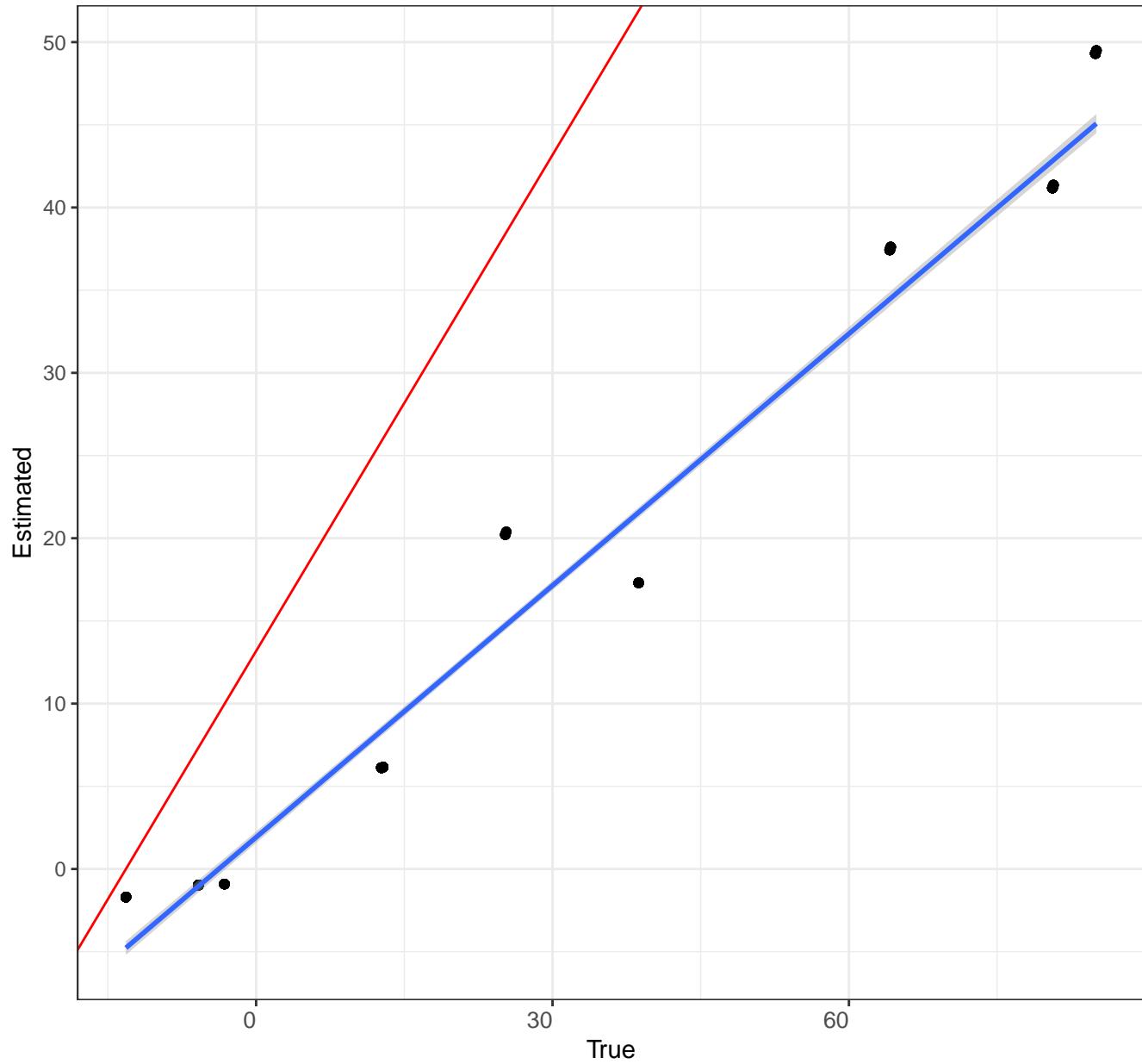
Trace plot for the sigma for S=20 r=10 true K=4 type=4



Weights for the case: S=20 ,r=10 true gr K=4 ,type=4 ,N=204 pN=0.058

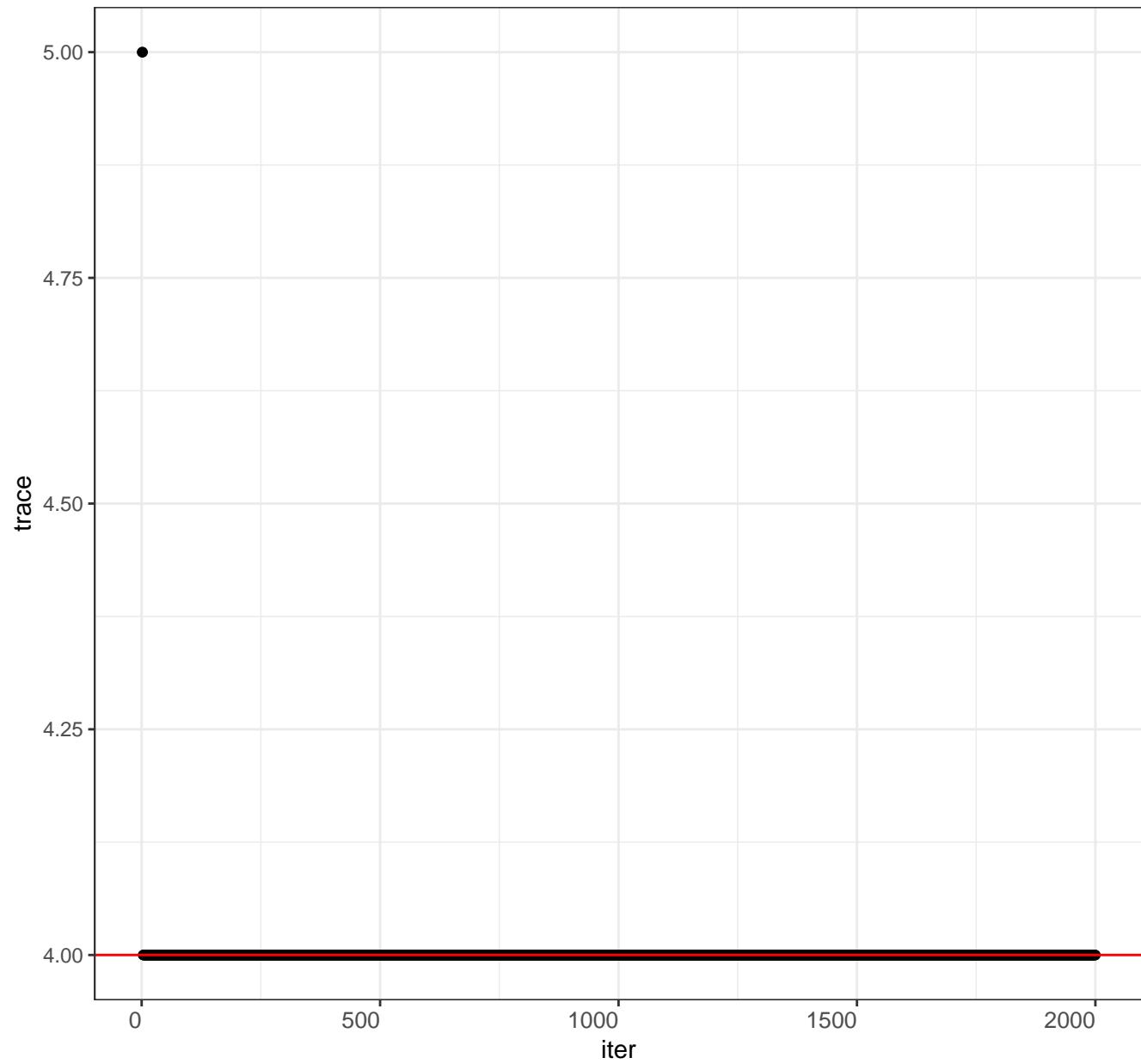


True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 r=10 true K=4 type=4

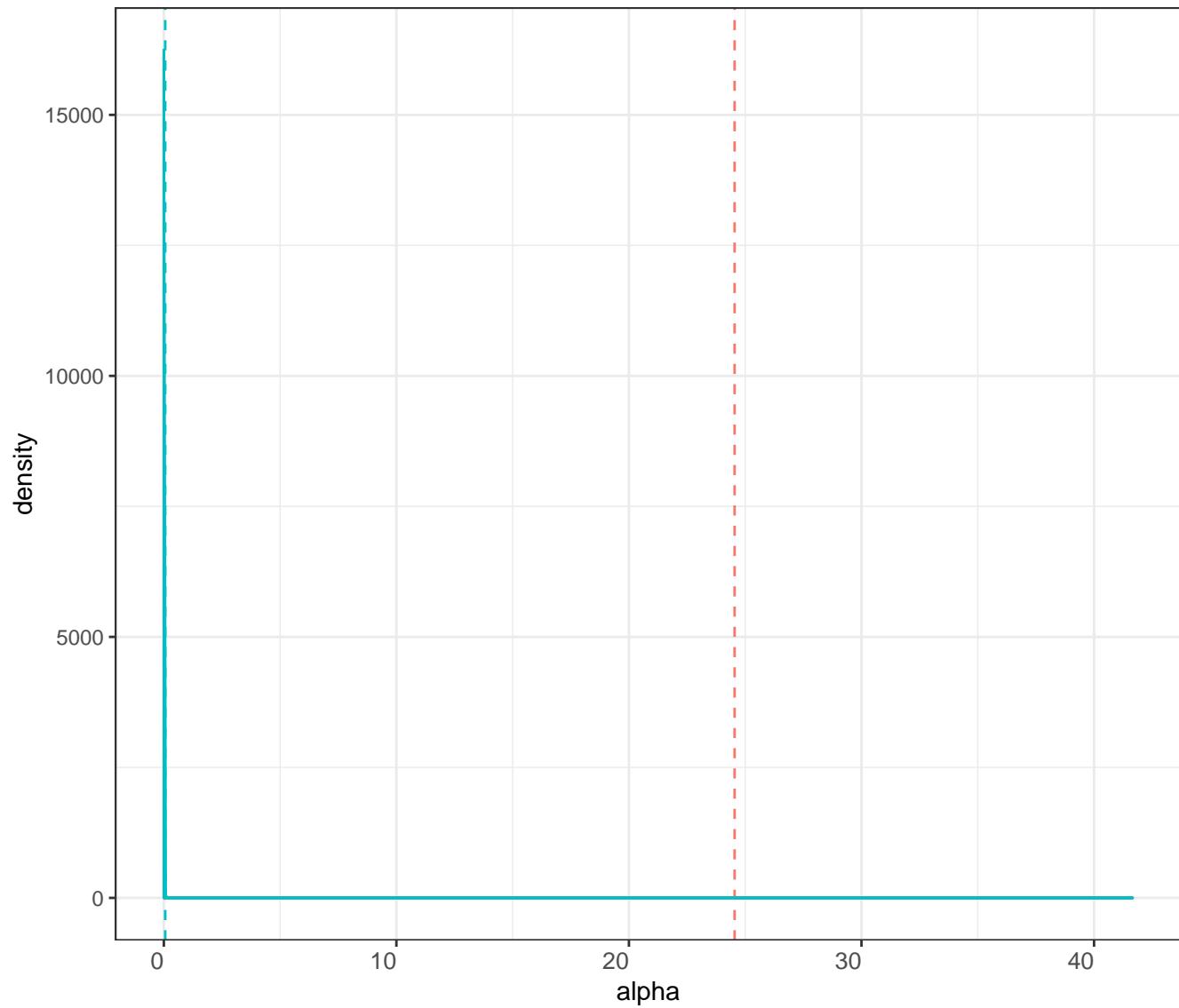
Trace plot for the number of groups K for S=20 r=10 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=20 ,r=10 true gr K=4 ,type=4 ,N=204

type  posterior  prior



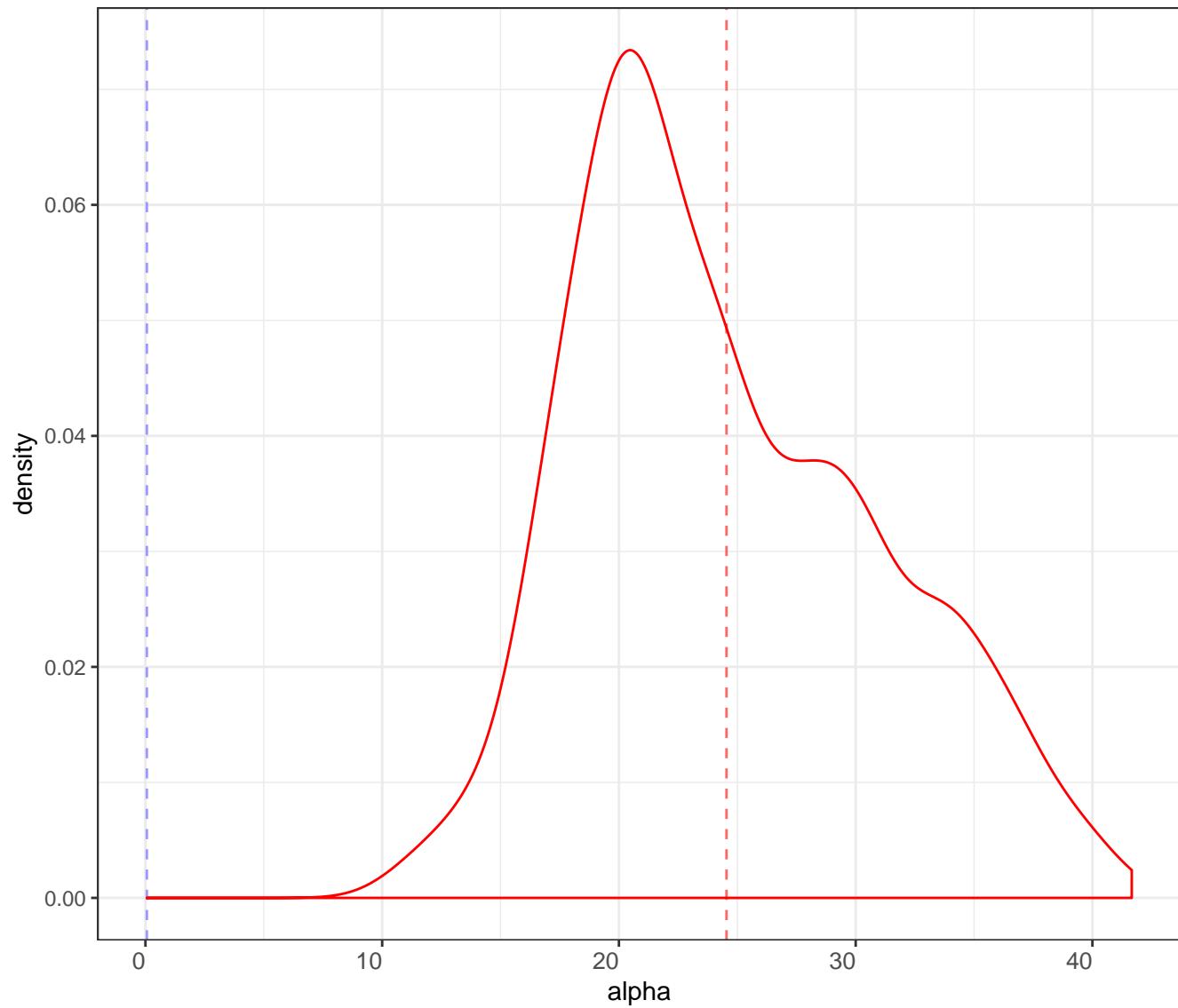
Number of iterations: 2000 burnin: 1000 number of samples: 500

Posterior distribution for alpha

Legend

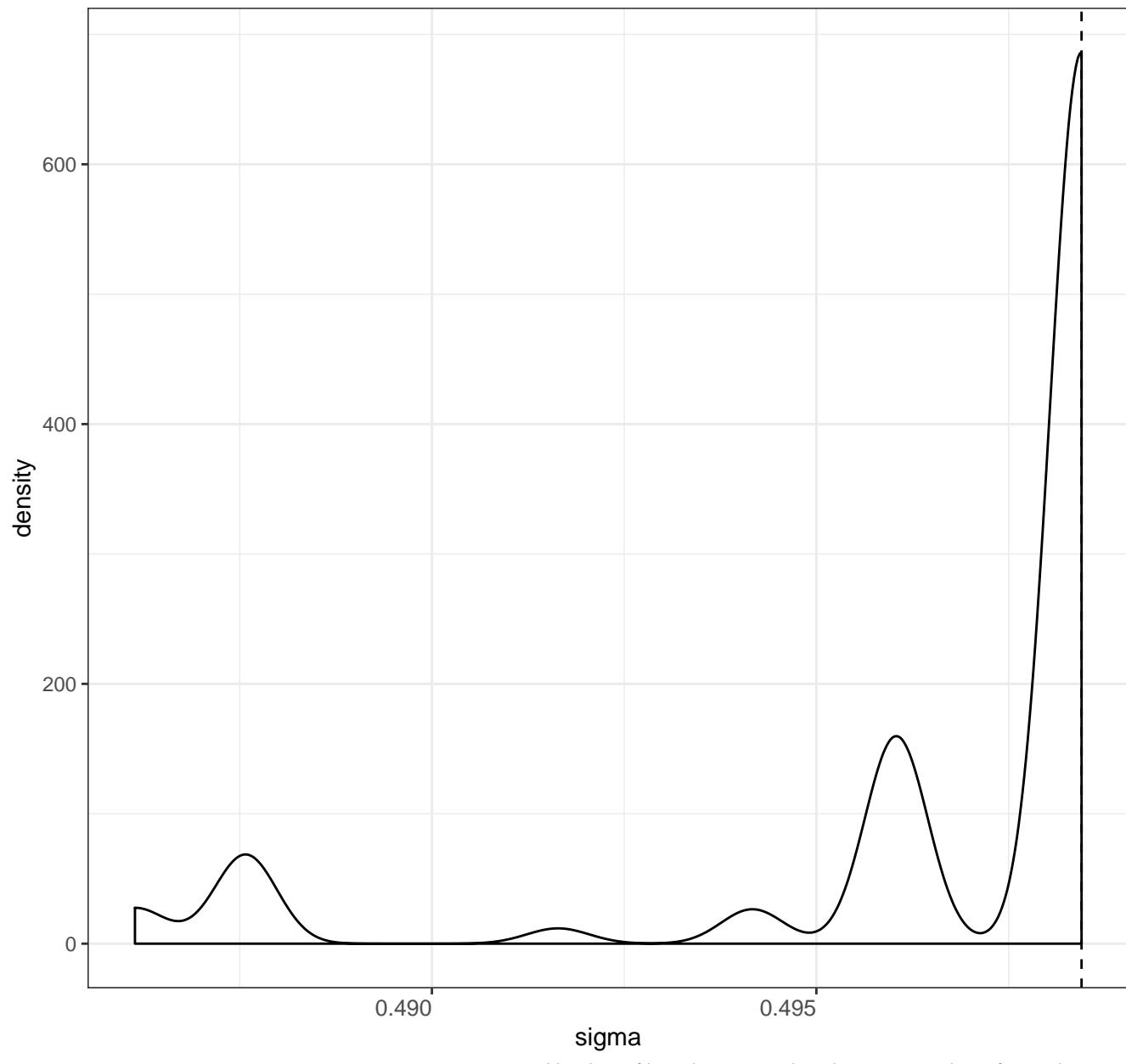
posterior mean

prior mean



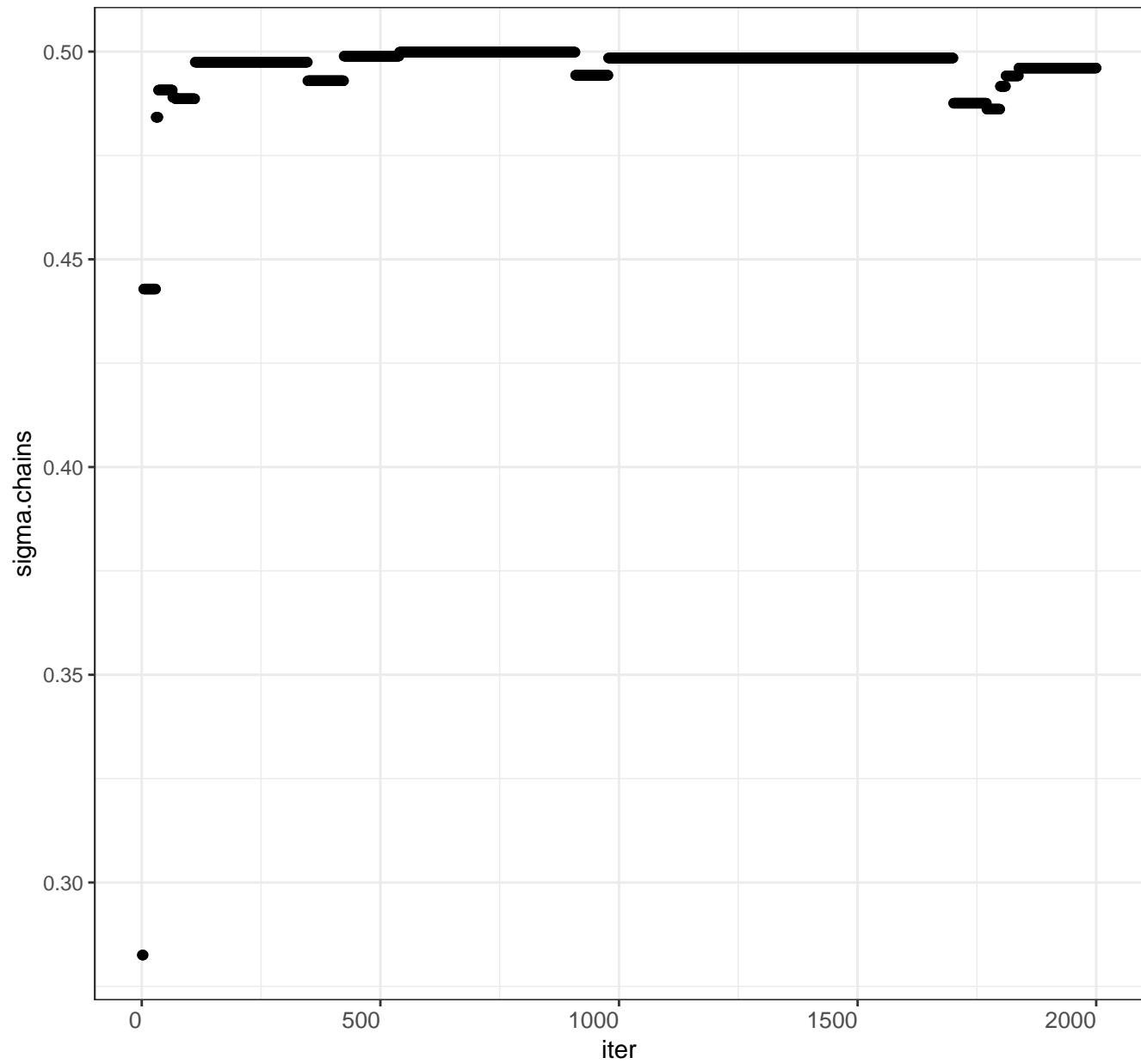
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=10 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=20 ,r=10 true gr K=4 ,type=4 ,N=204



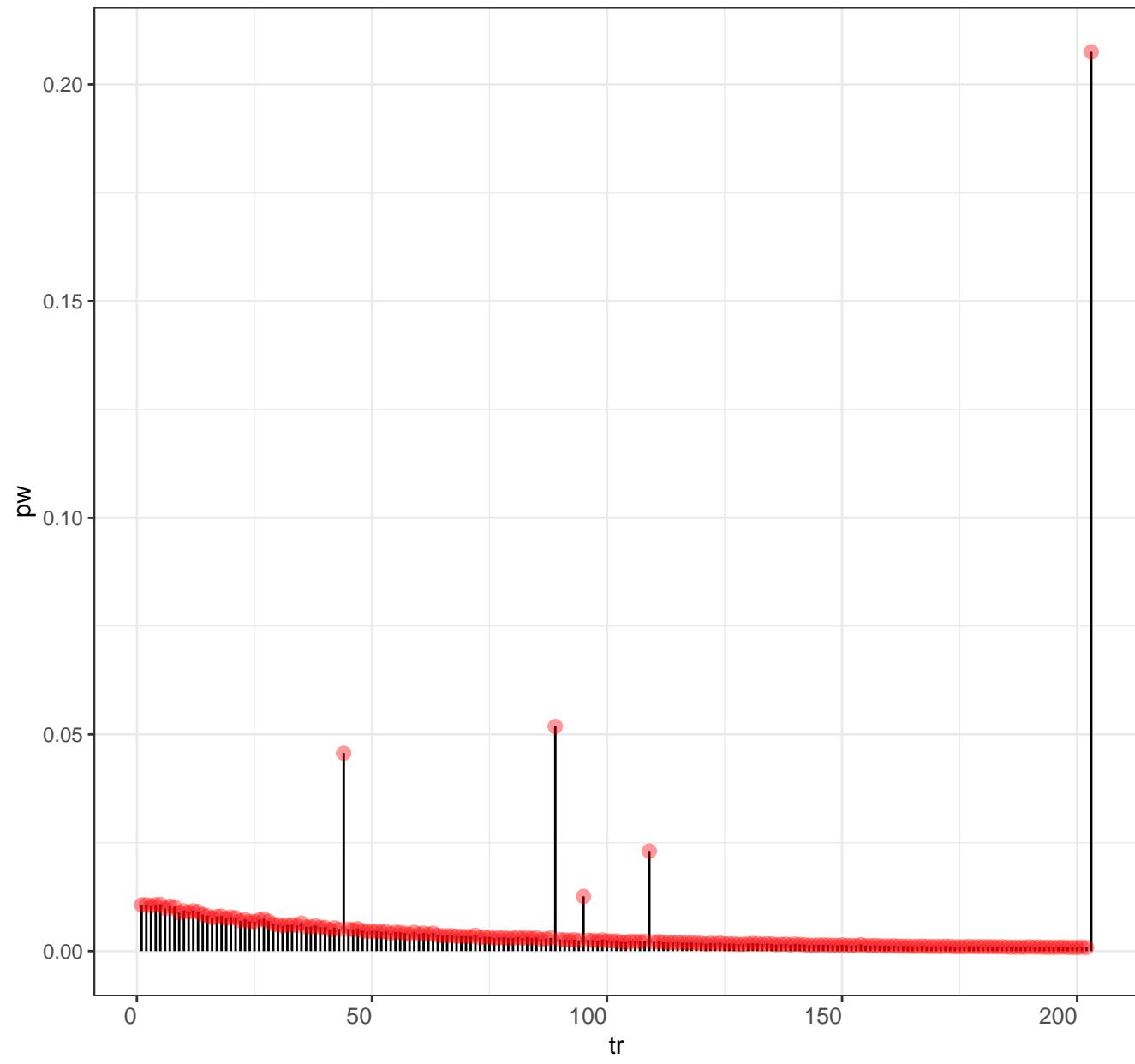
Number of iterations: 2000 burnin: 1000 number of samples: 500

Trace plot for the sigma for S=20 r=10 true K=4 type=4

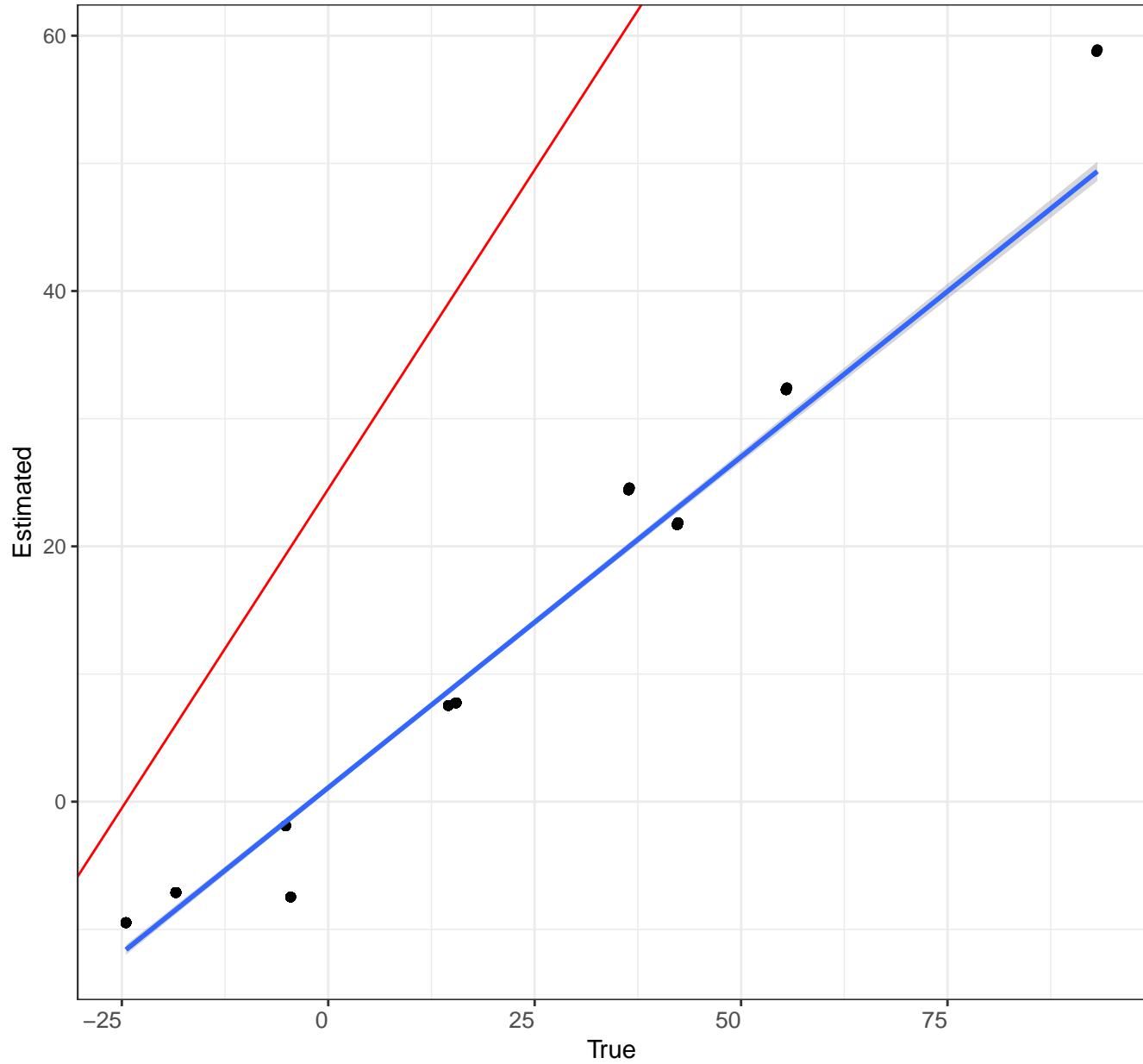


Number of iterations: 2000 burnin: 1000 number of samples: 500

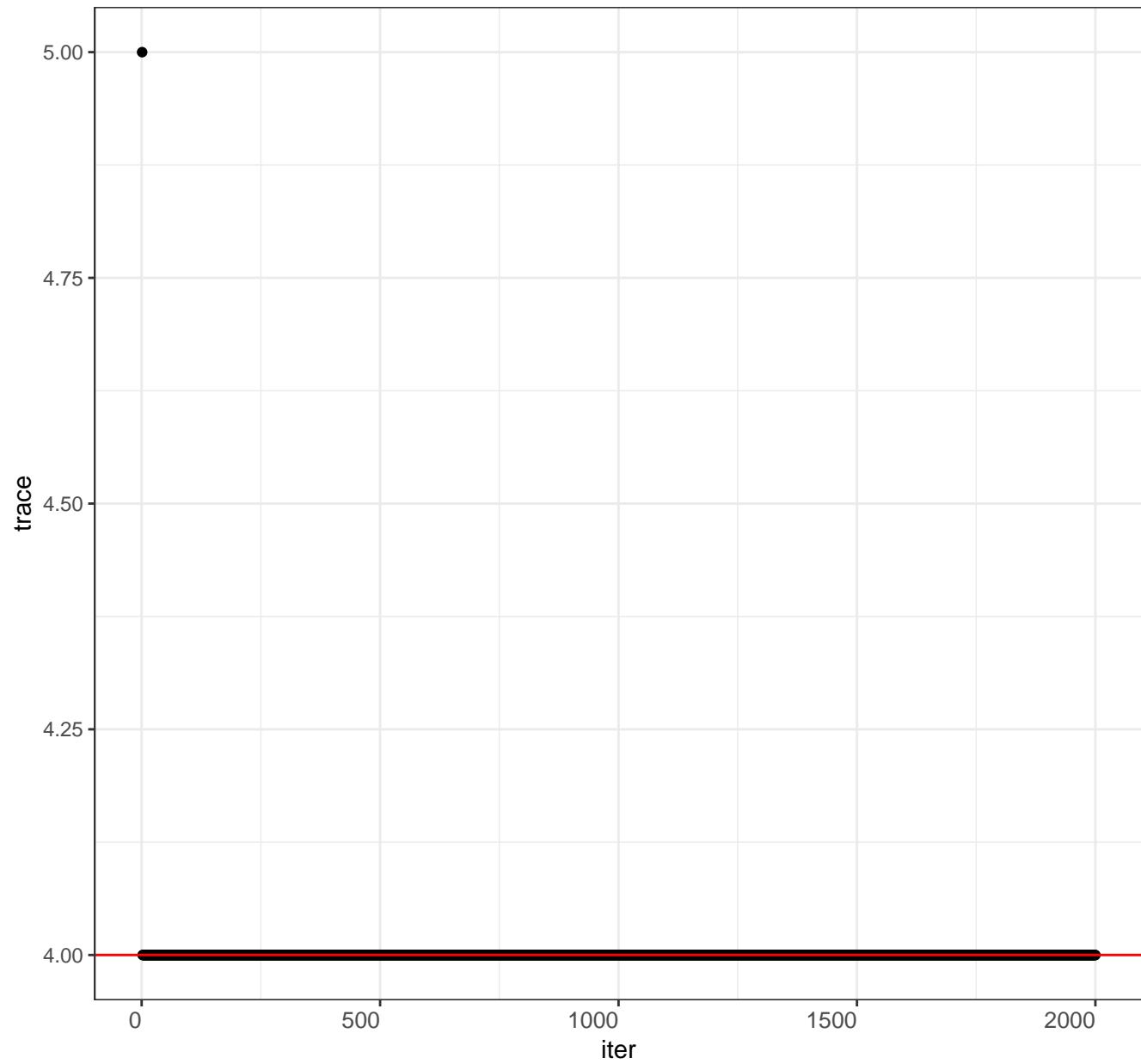
Weights for the case: S=20 ,r=10 true gr K=4 ,type=4 ,N=204 pN=0.207



True vs estimated covariance parameters



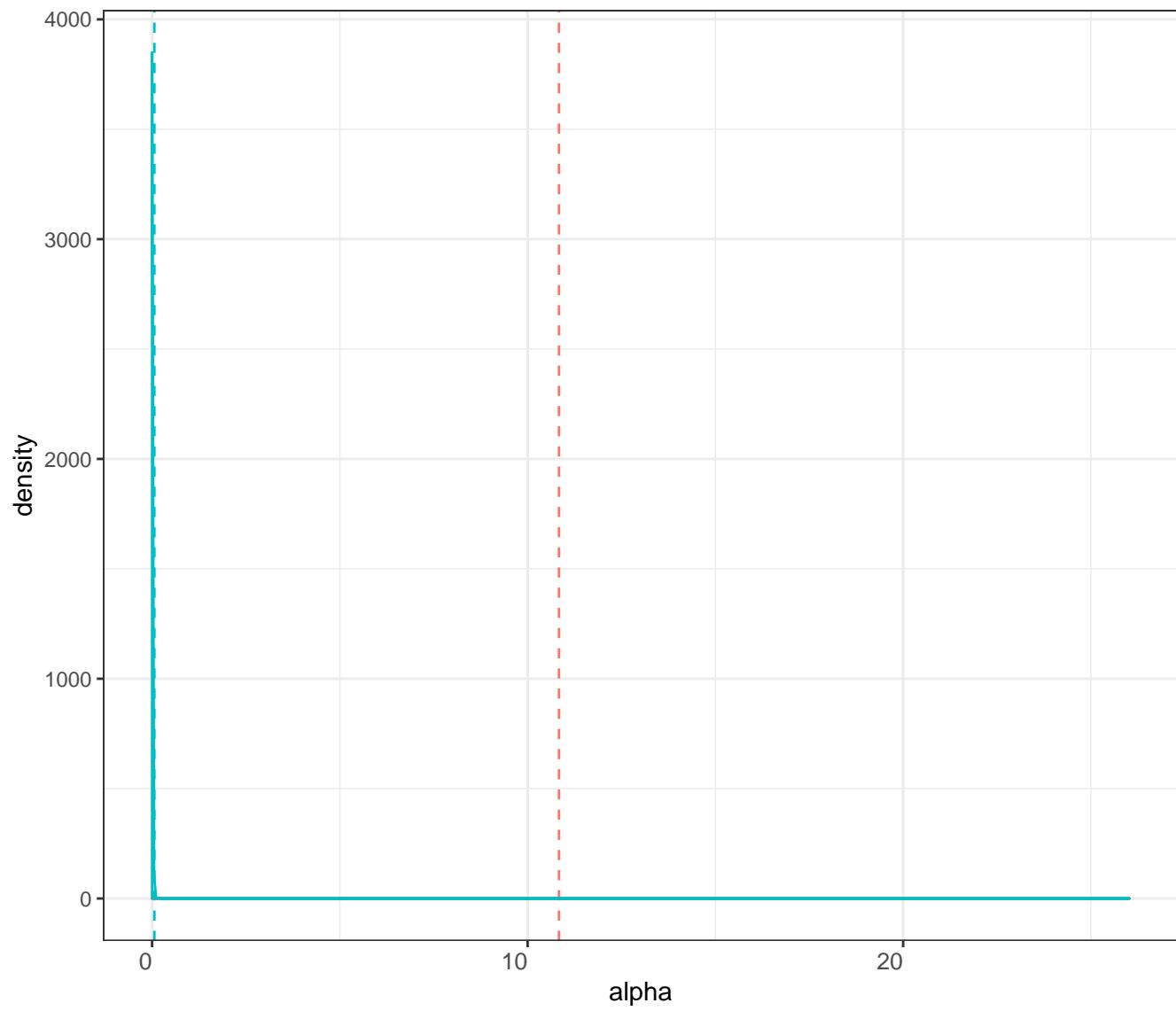
Trace plot for the number of groups K for S=20 r=10 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=20 ,r=10 true gr K=4 ,type=4 ,N=204

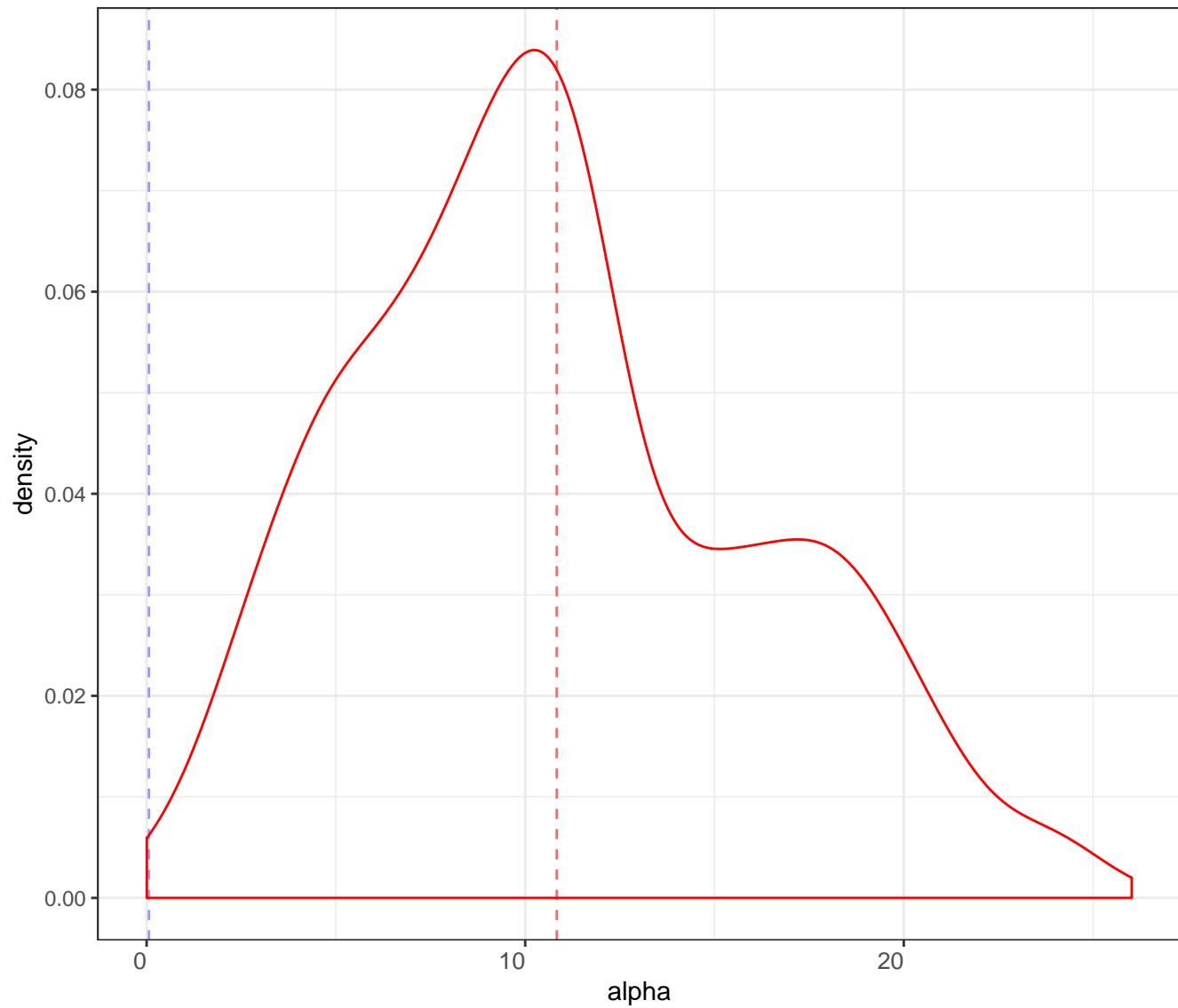
type  posterior  prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

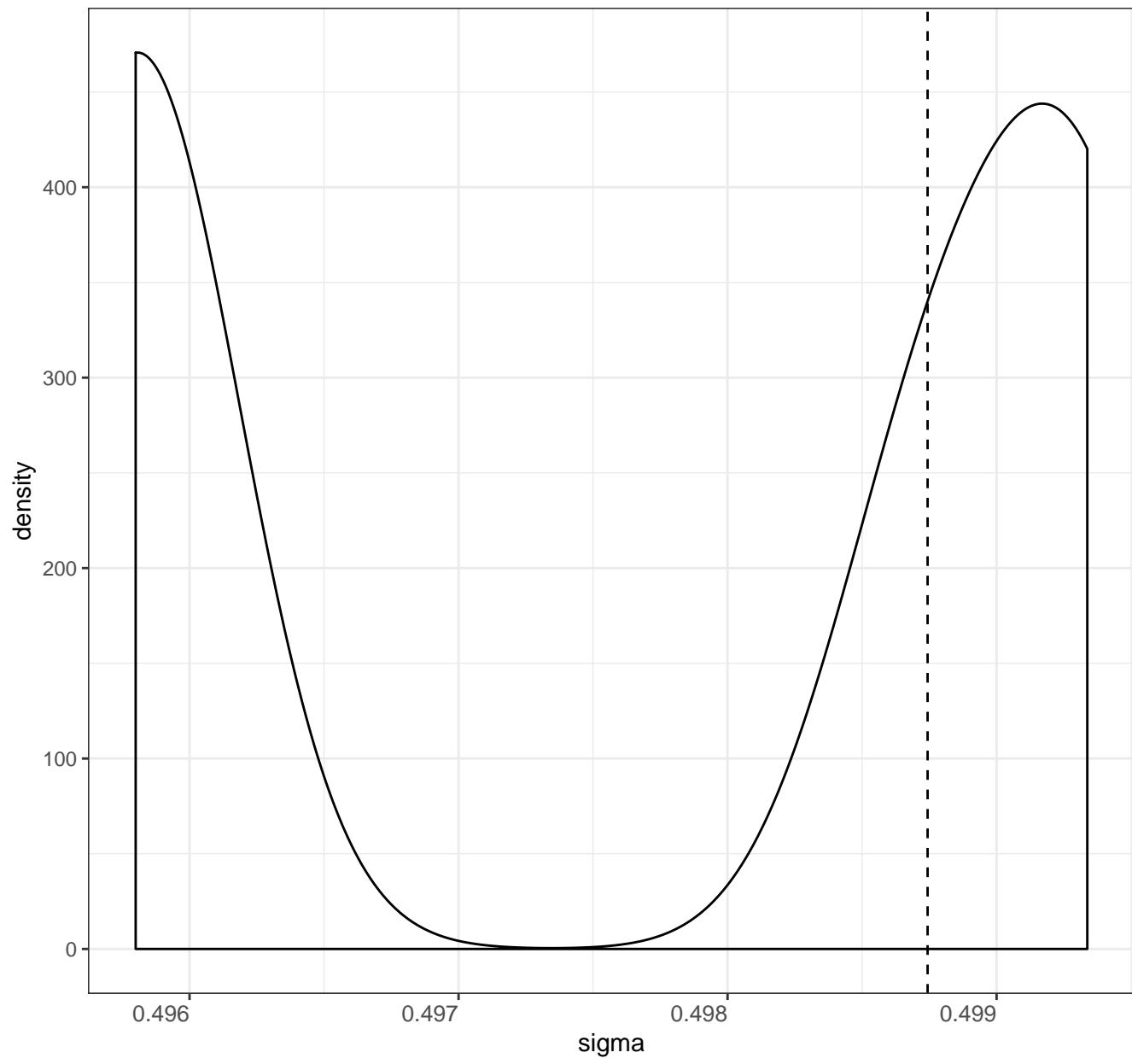
Posterior distribution for alpha

Legend | posterior mean | prior mean

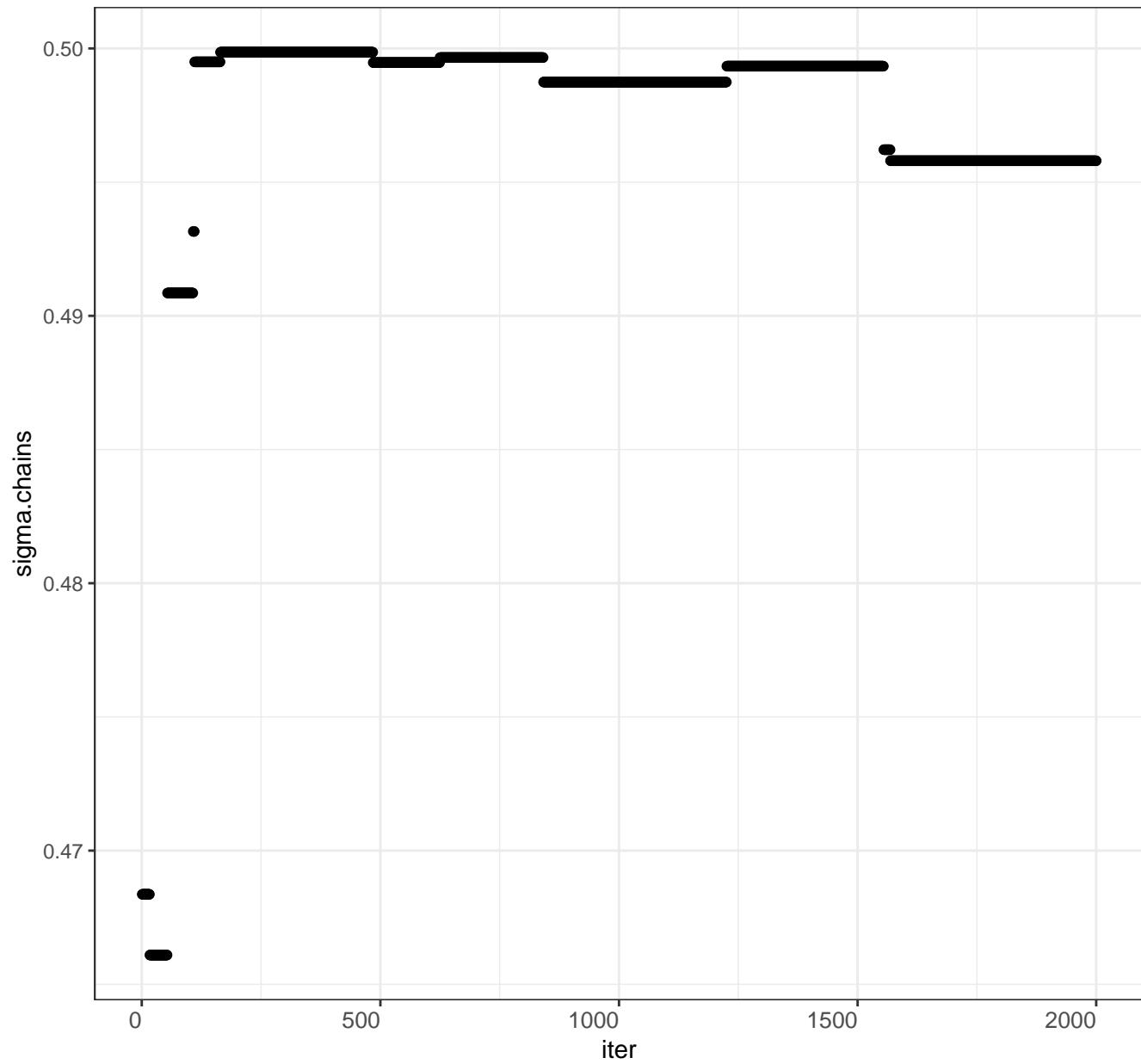


Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=10 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=20 ,r=10 true gr K=4 ,type=4 ,N=204

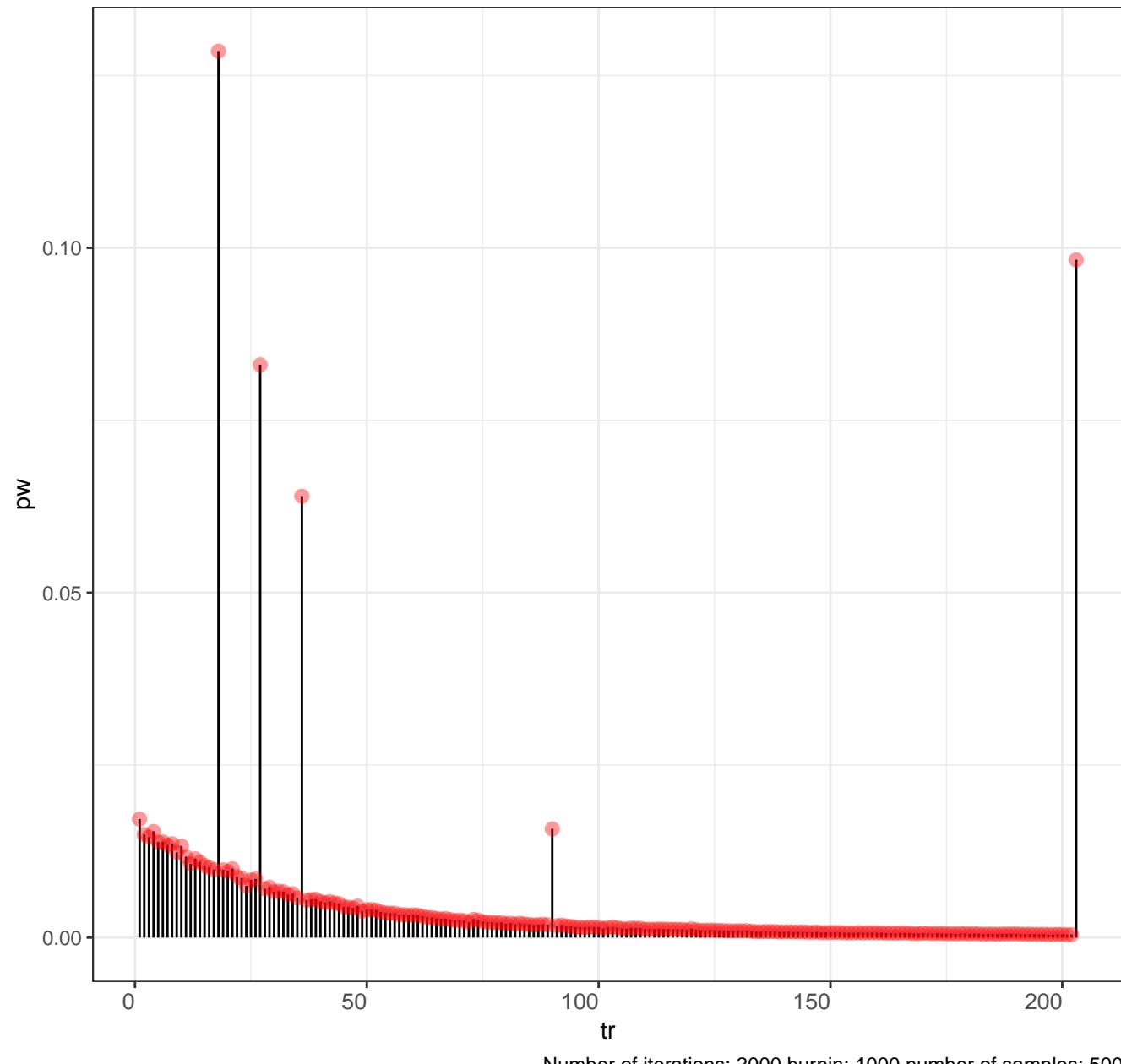


Trace plot for the sigma for S=20 r=10 true K=4 type=4

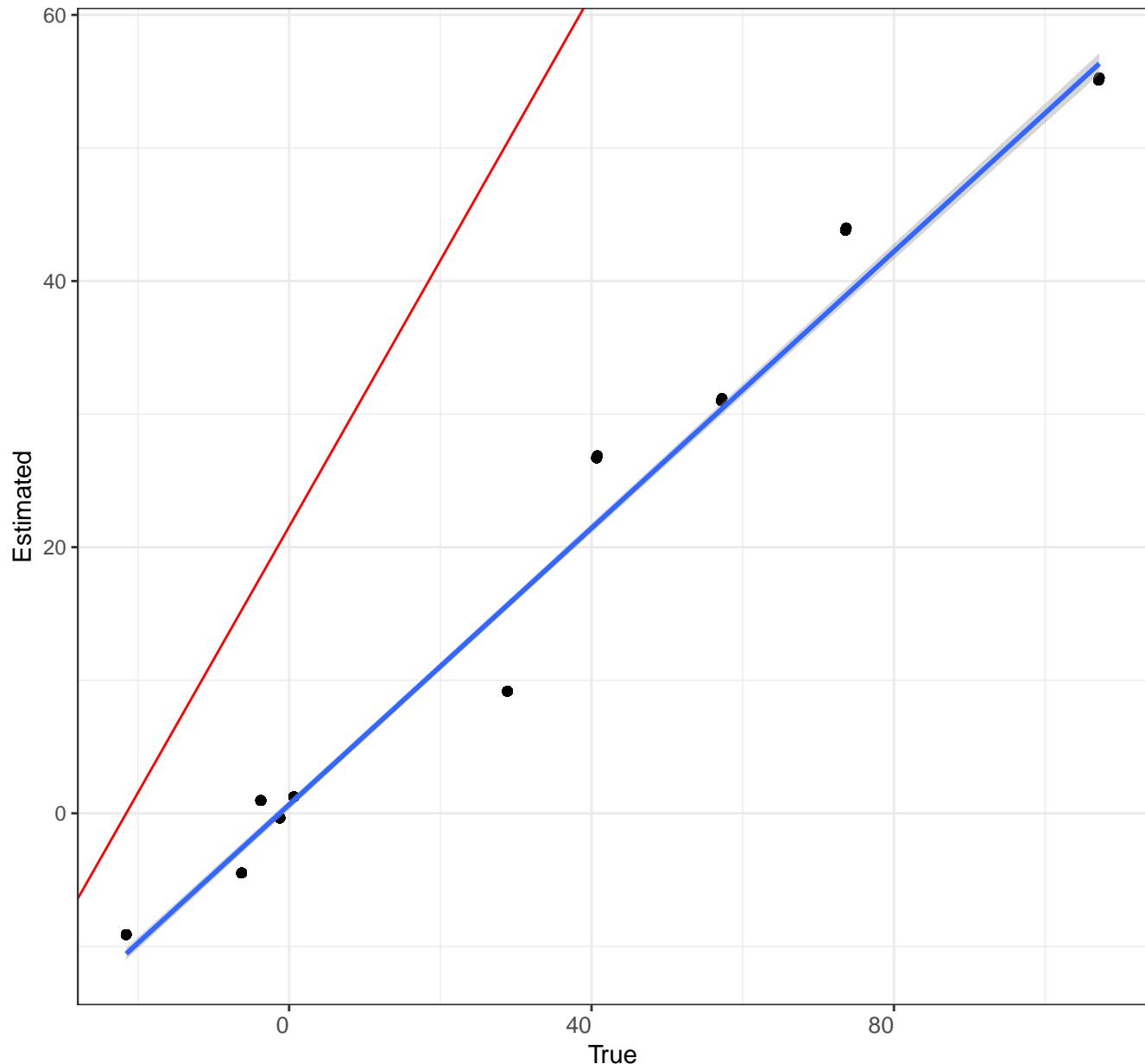


Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=20 ,r=10 true gr K=4 ,type=4 ,N=204 pN=0.098

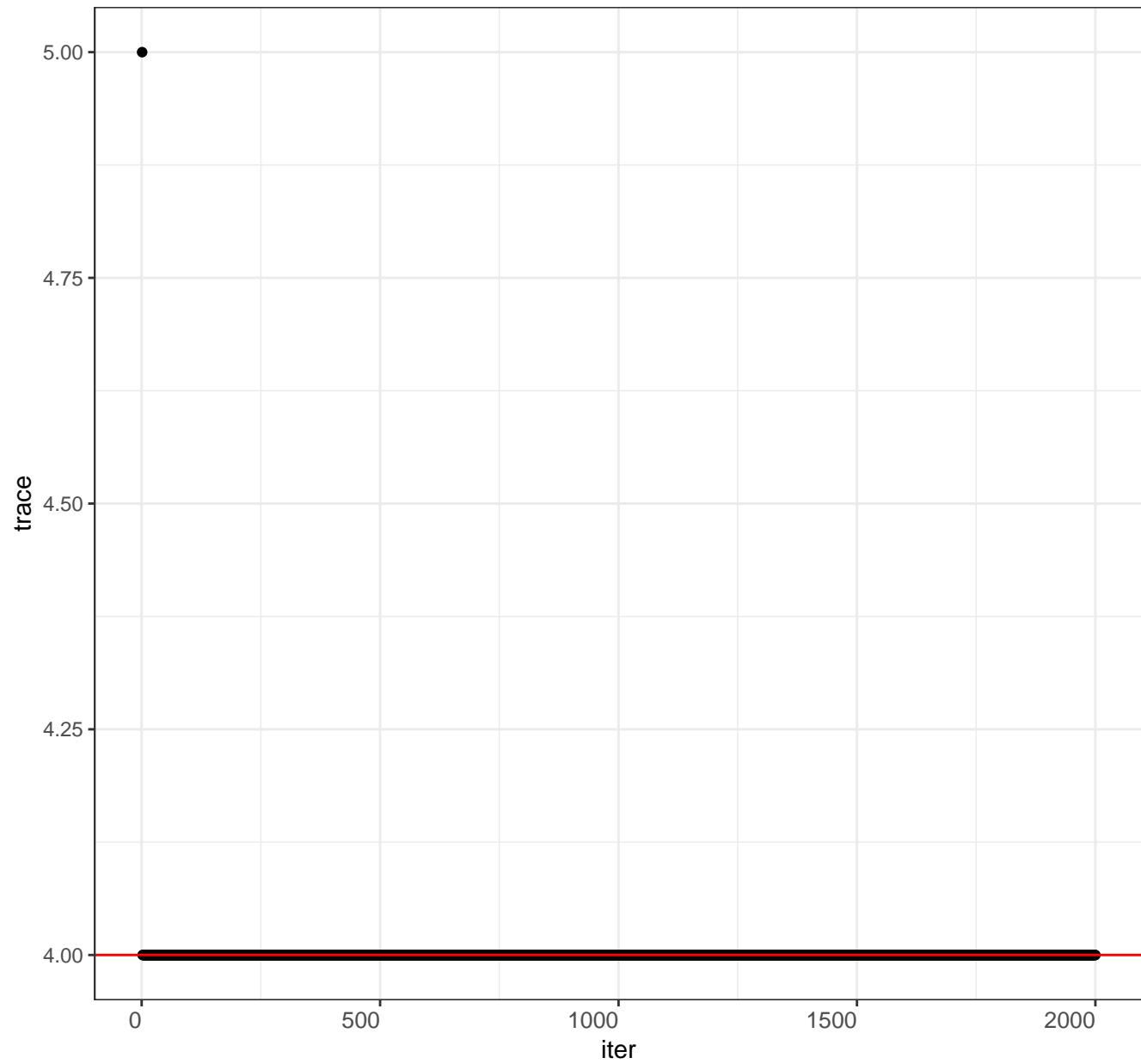


True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 r=10 true K=4 type=4

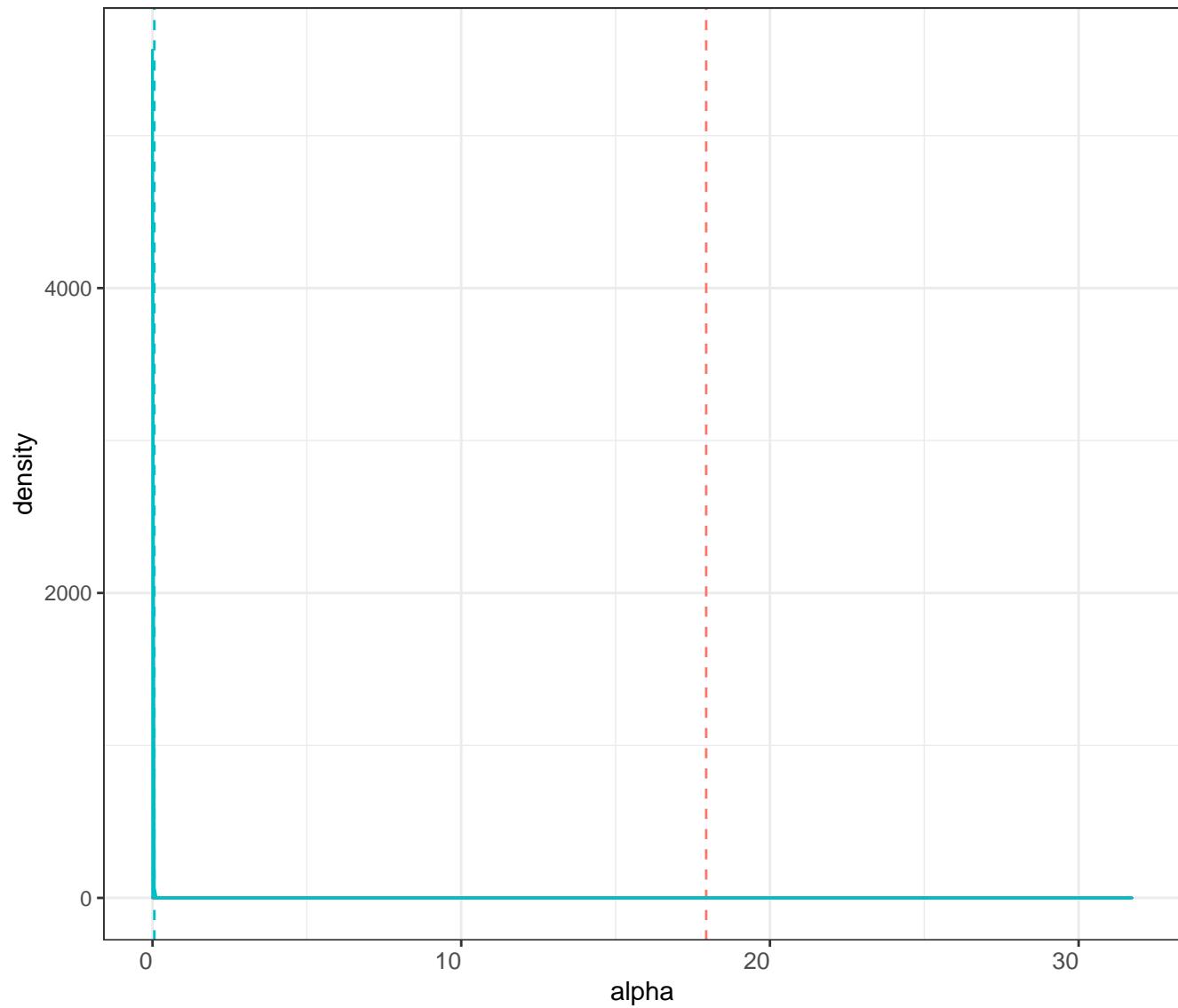
Trace plot for the number of groups K for S=20 r=10 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=20 ,r=10 true gr K=4 ,type=4 ,N=204

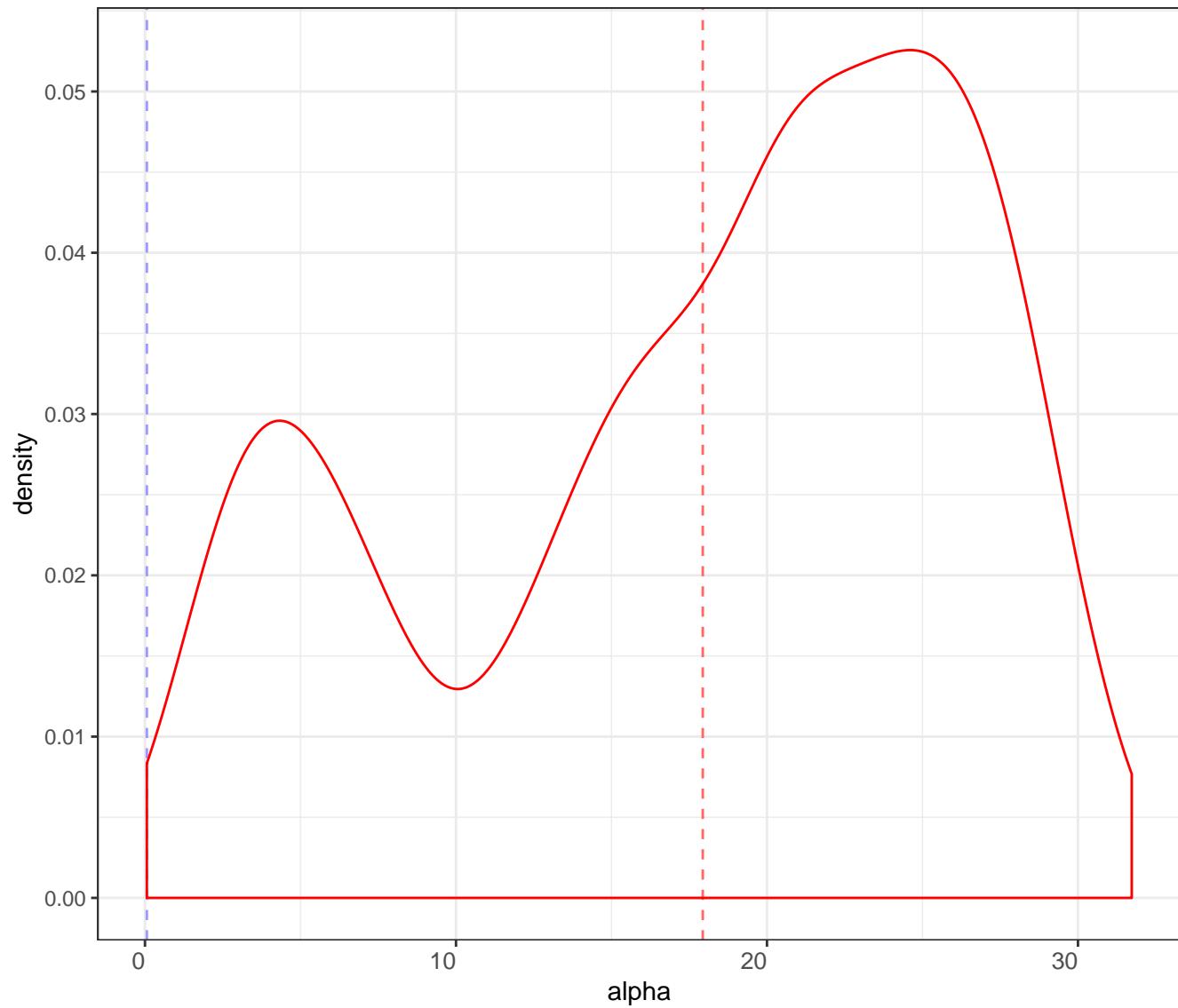
type  posterior  prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

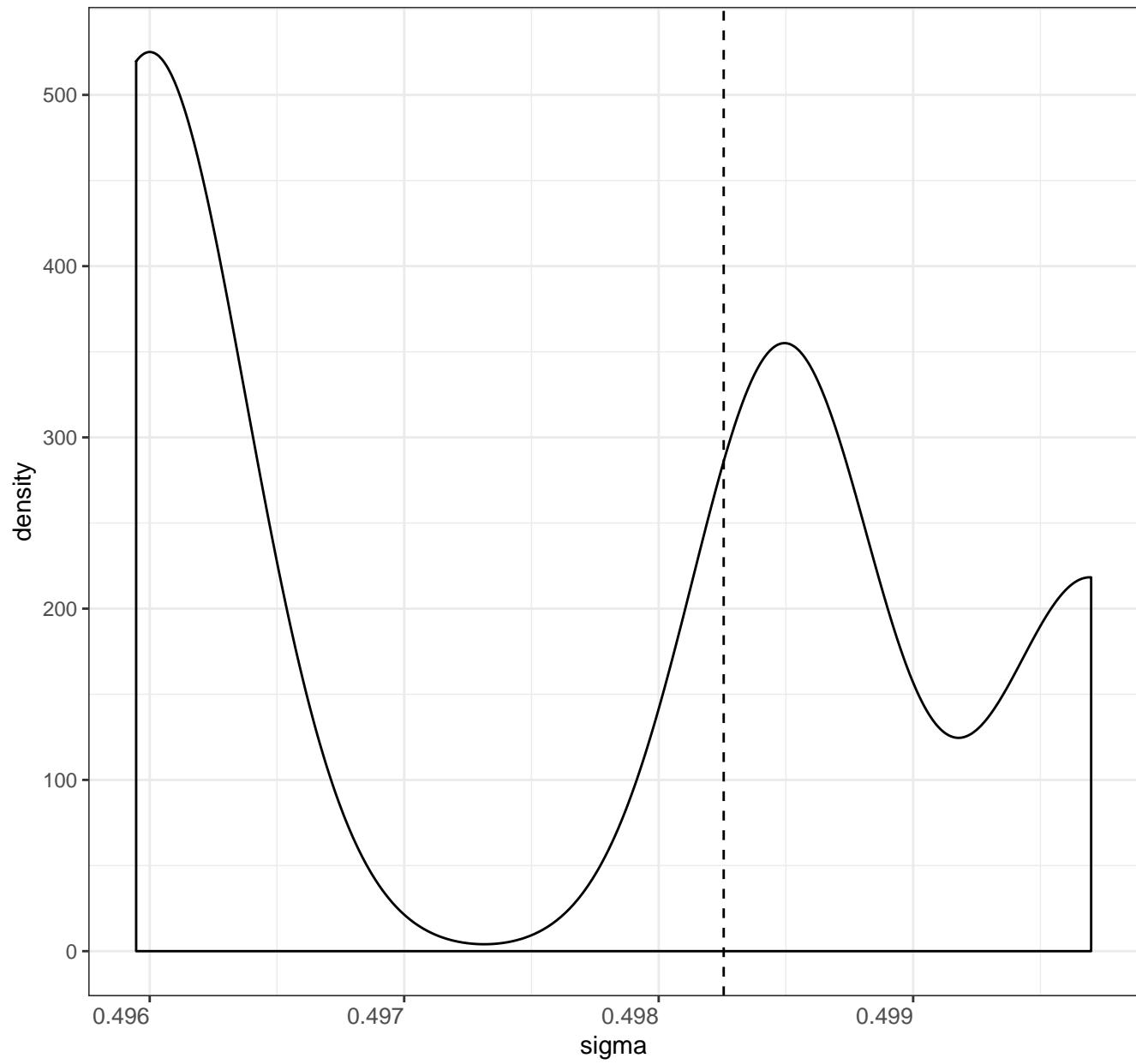
Posterior distribution for alpha

Legend | posterior mean | prior mean



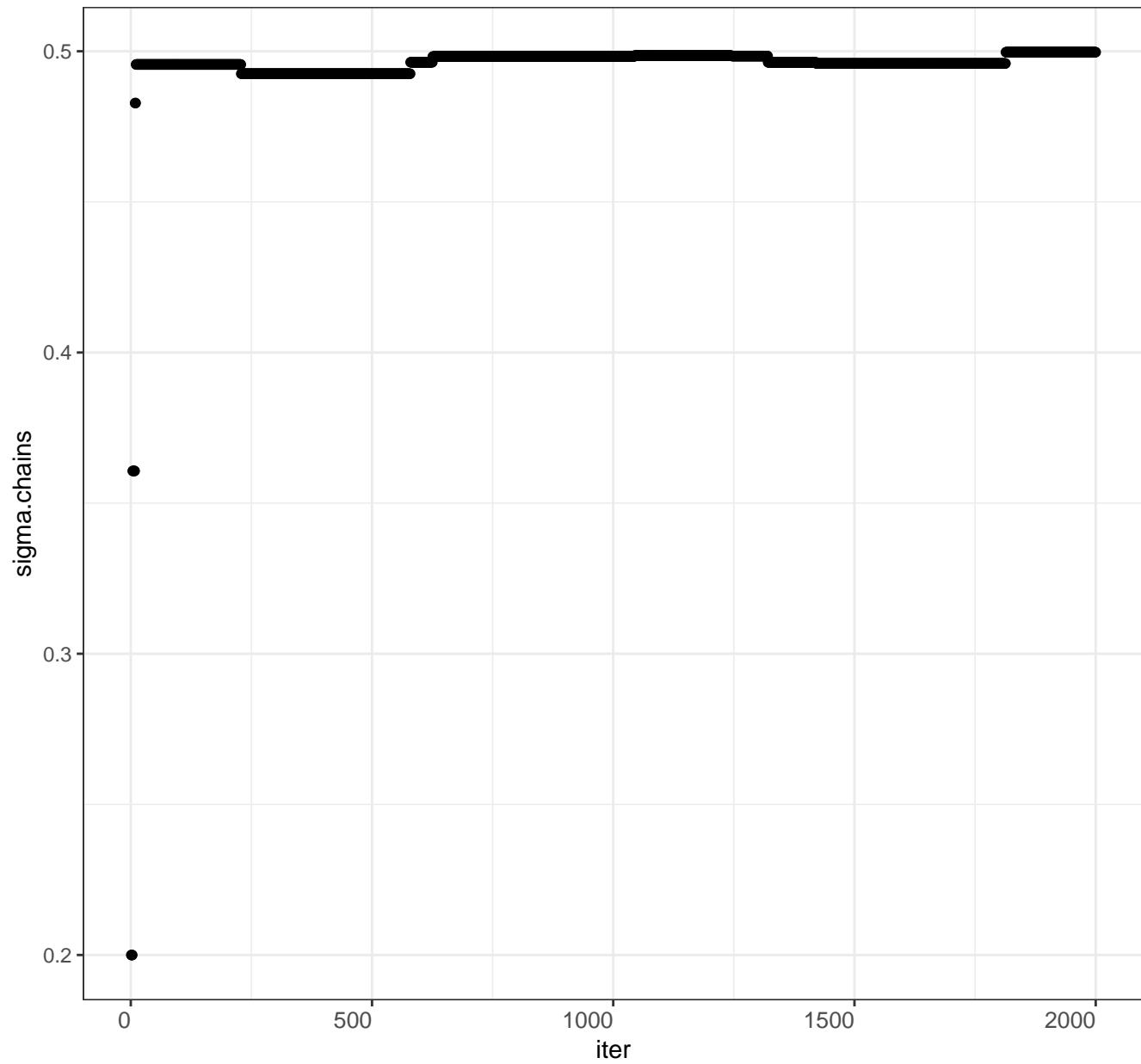
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=10 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=20 ,r=10 true gr K=4 ,type=4 ,N=204

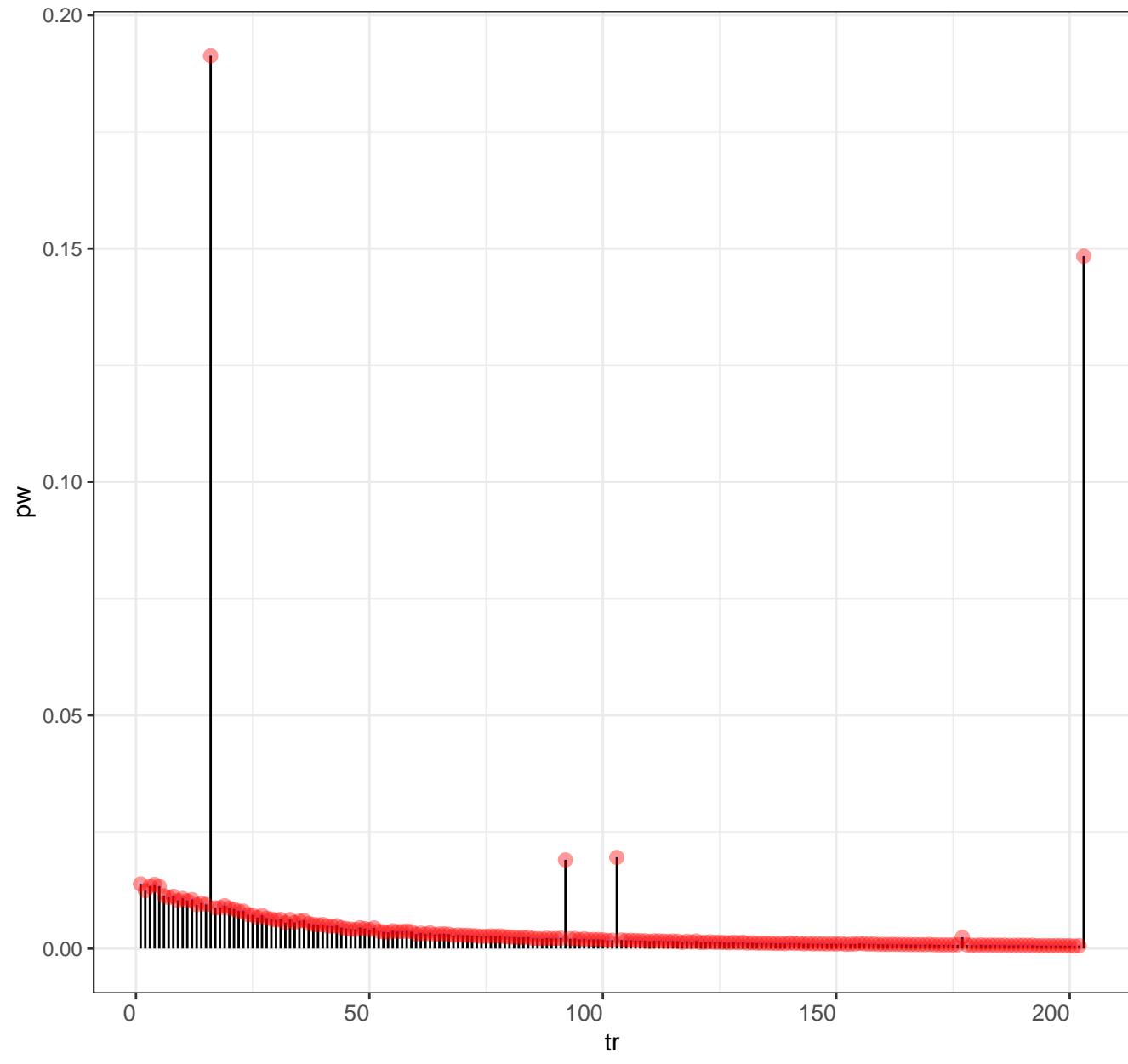


Number of iterations: 2000 burnin: 1000 number of samples: 500

Trace plot for the sigma for S=20 r=10 true K=4 type=4

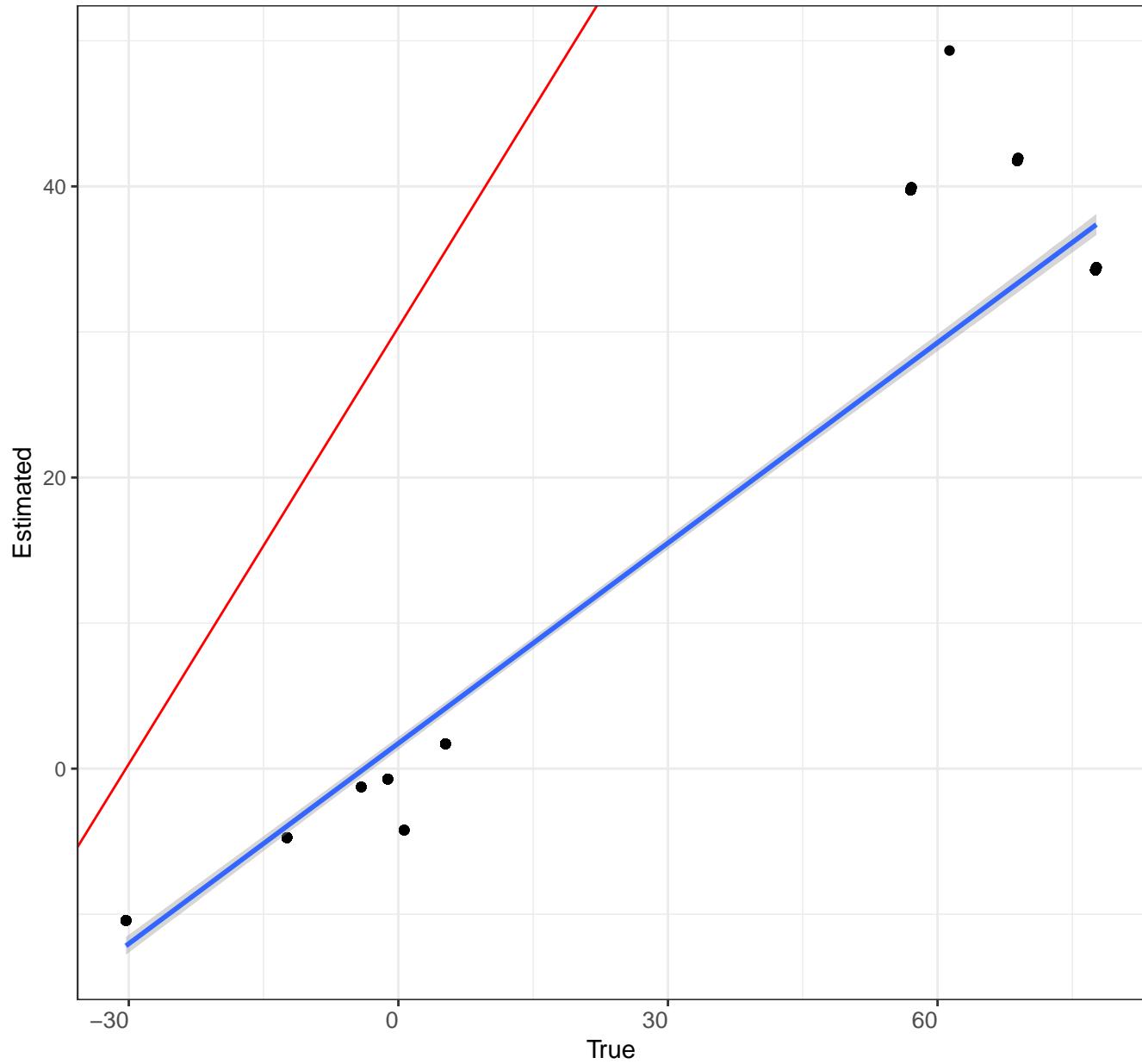


Weights for the case: S=20 ,r=10 true gr K=4 ,type=4 ,N=204 pN=0.148



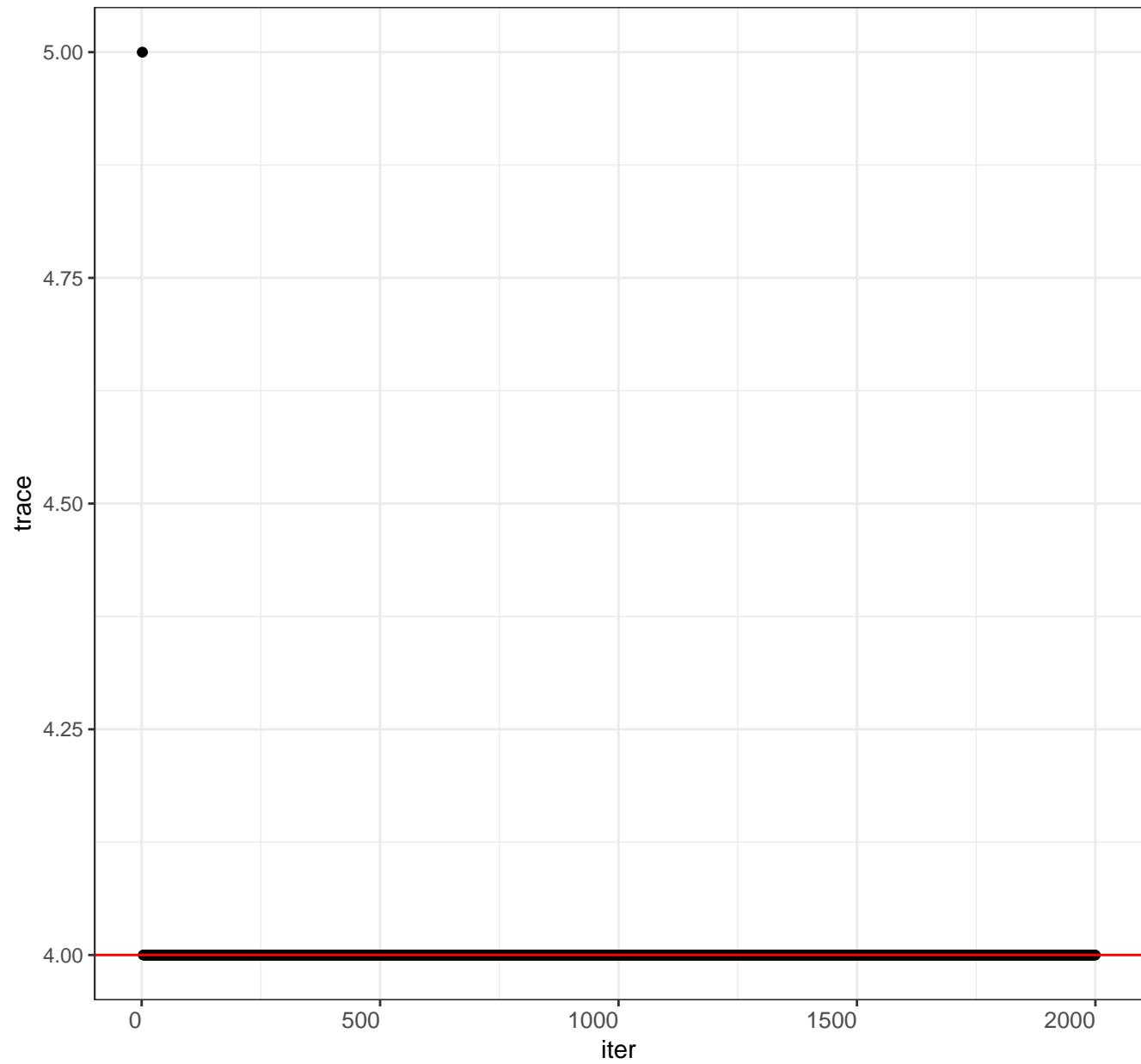
Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 r=10 true K=4 type=4

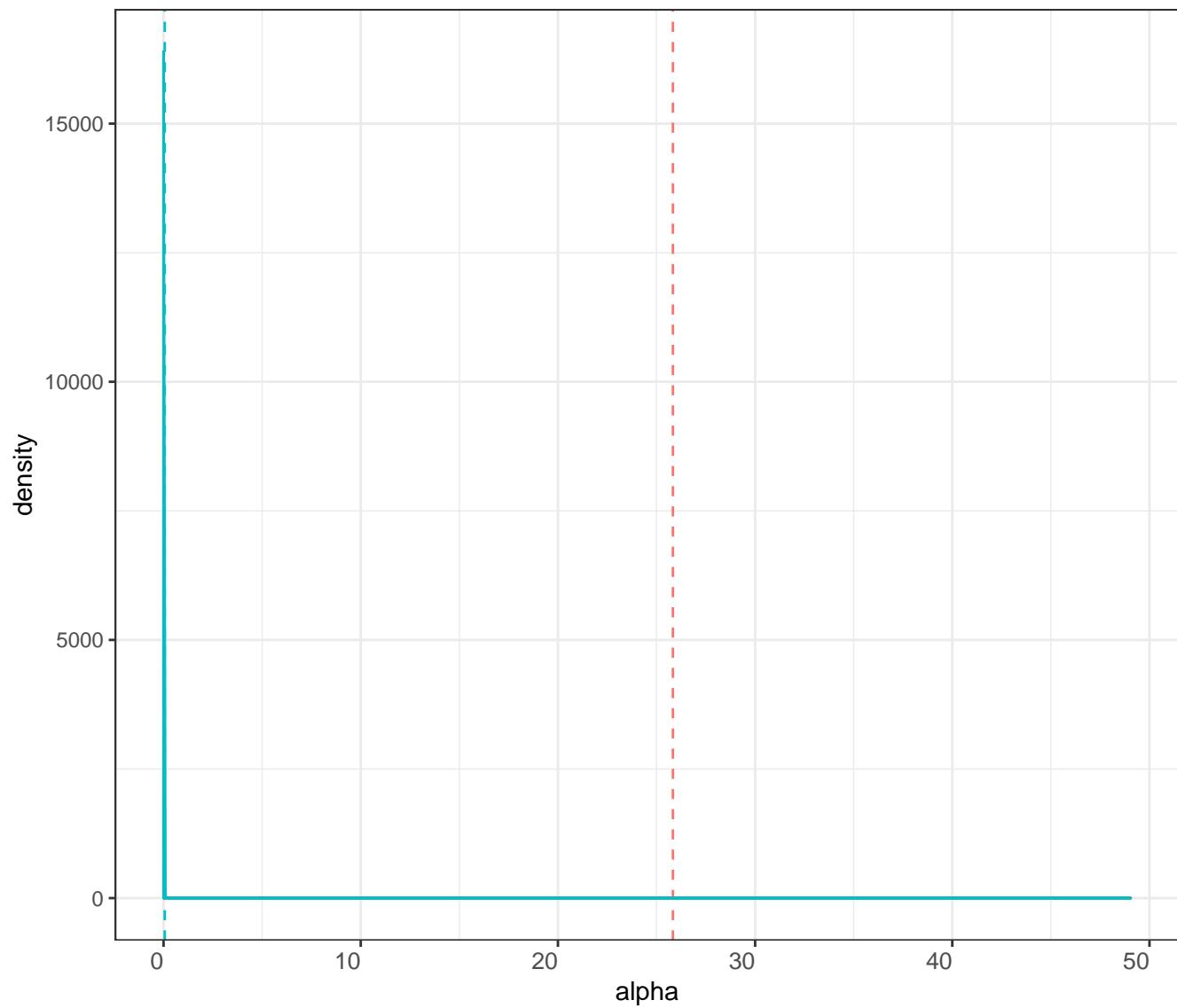
Trace plot for the number of groups K for S=20 r=10 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=20 ,r=10 true gr K=4 ,type=4 ,N=204

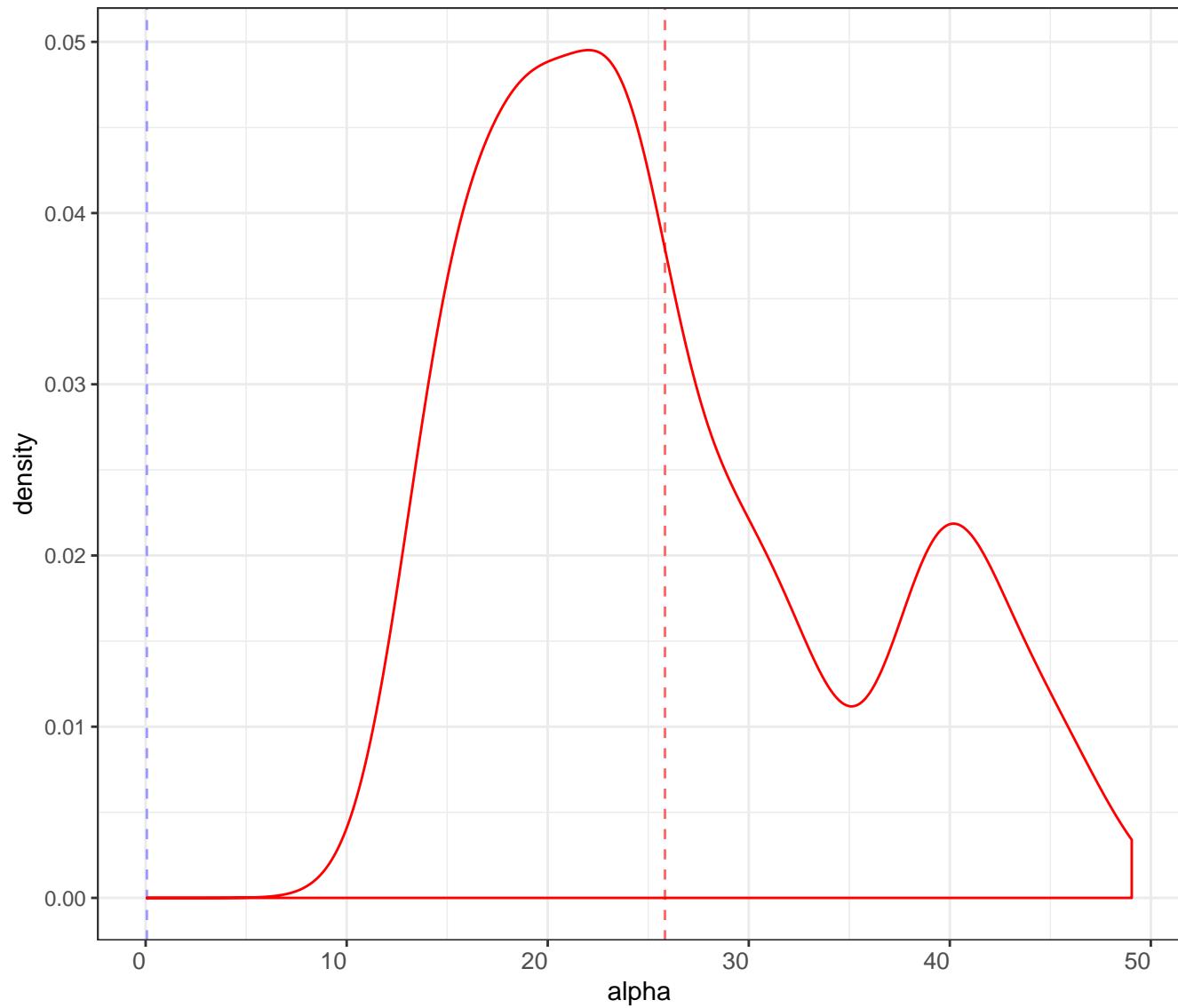
type  posterior  prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

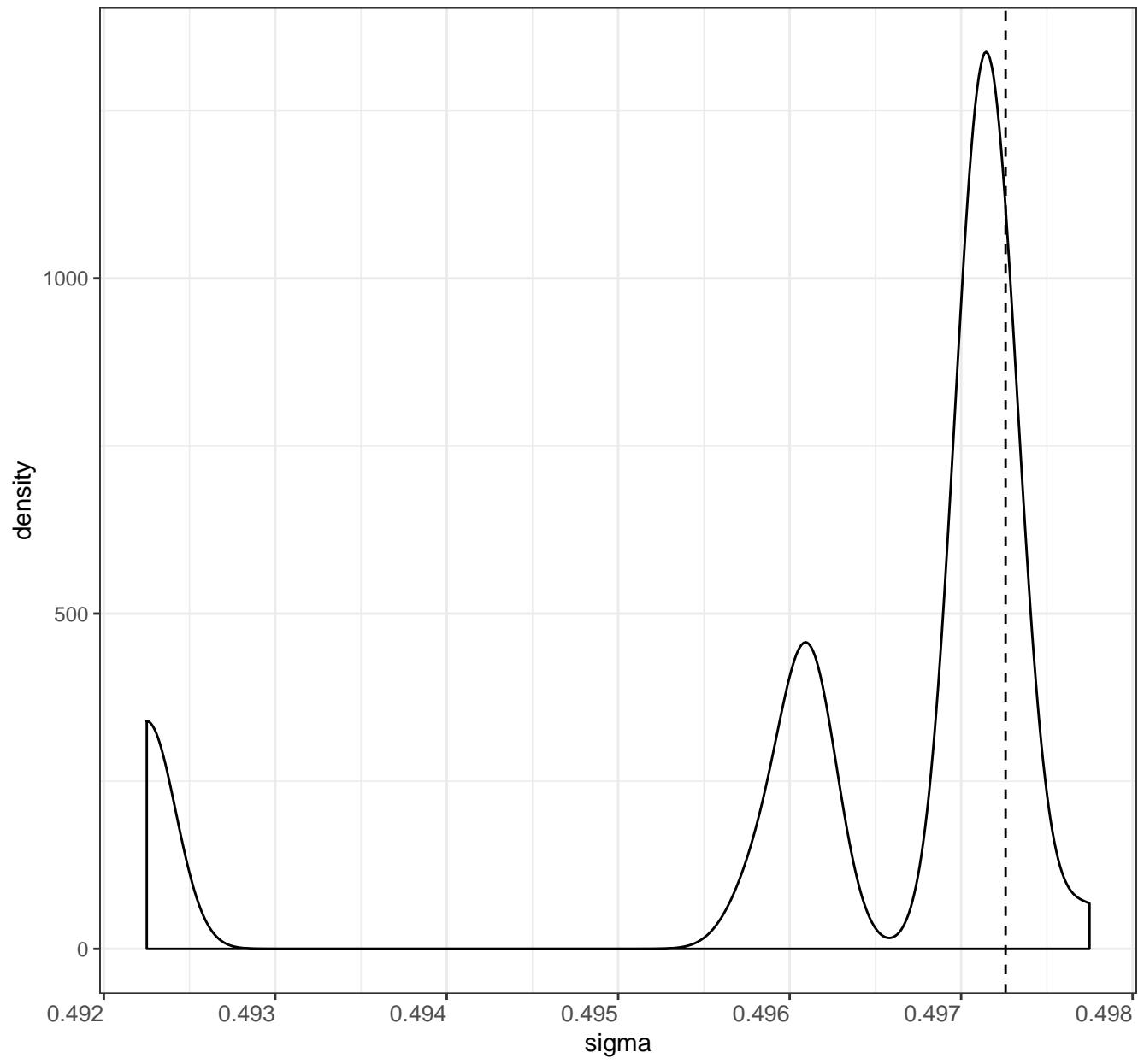
Posterior distribution for alpha

Legend | posterior mean | prior mean

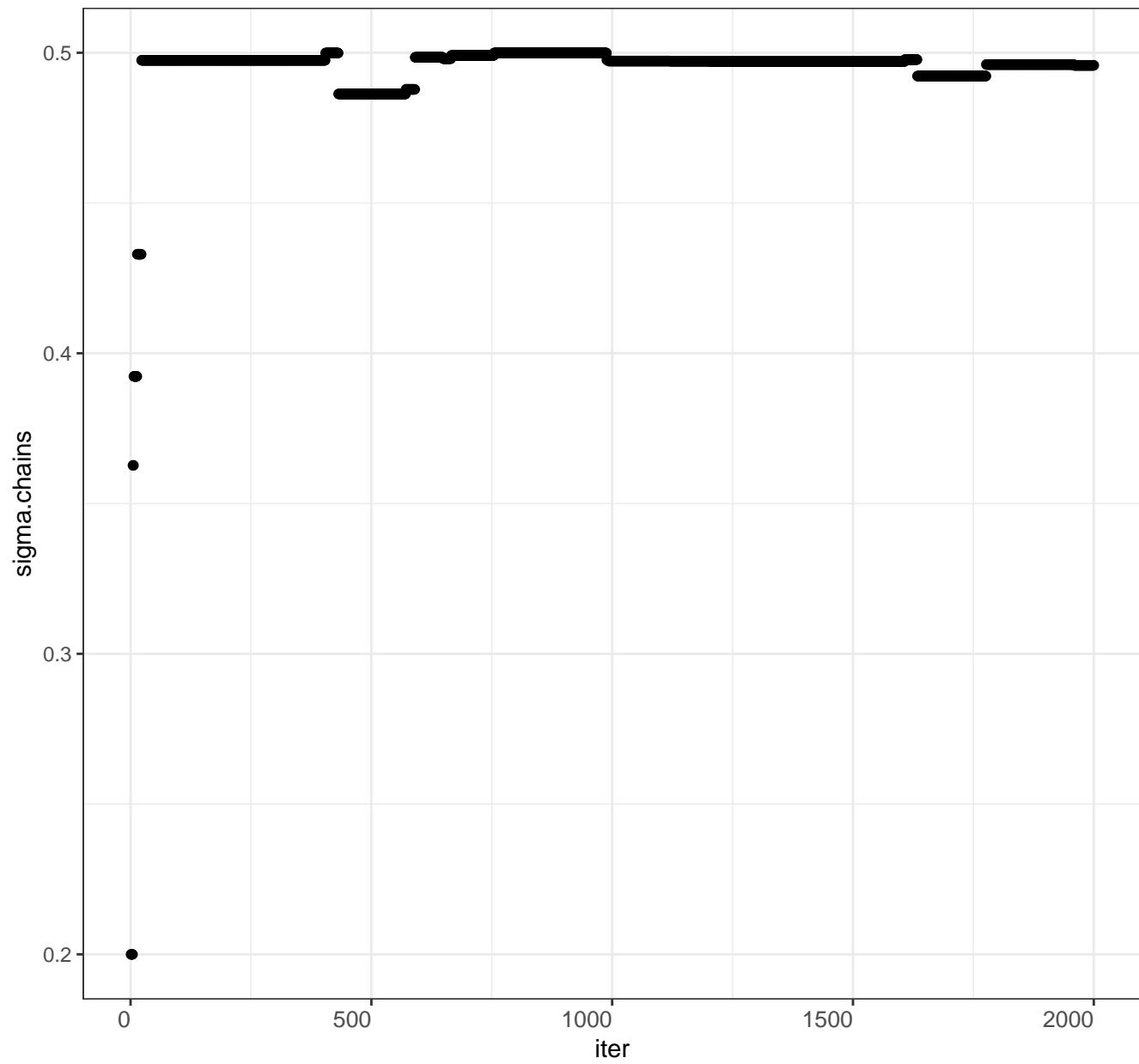


Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=10 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=20 ,r=10 true gr K=4 ,type=4 ,N=204

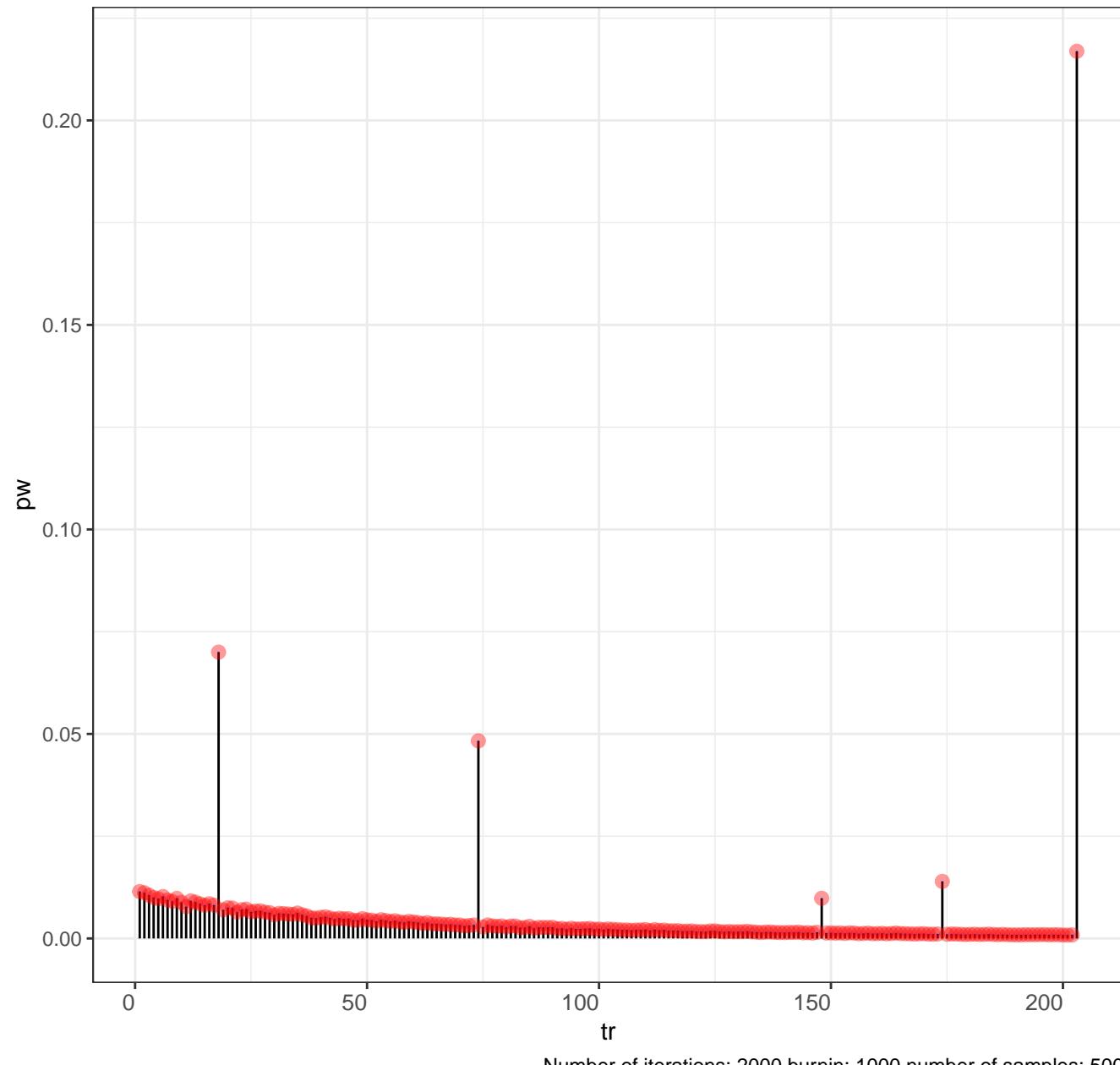


Trace plot for the sigma for S=20 r=10 true K=4 type=4

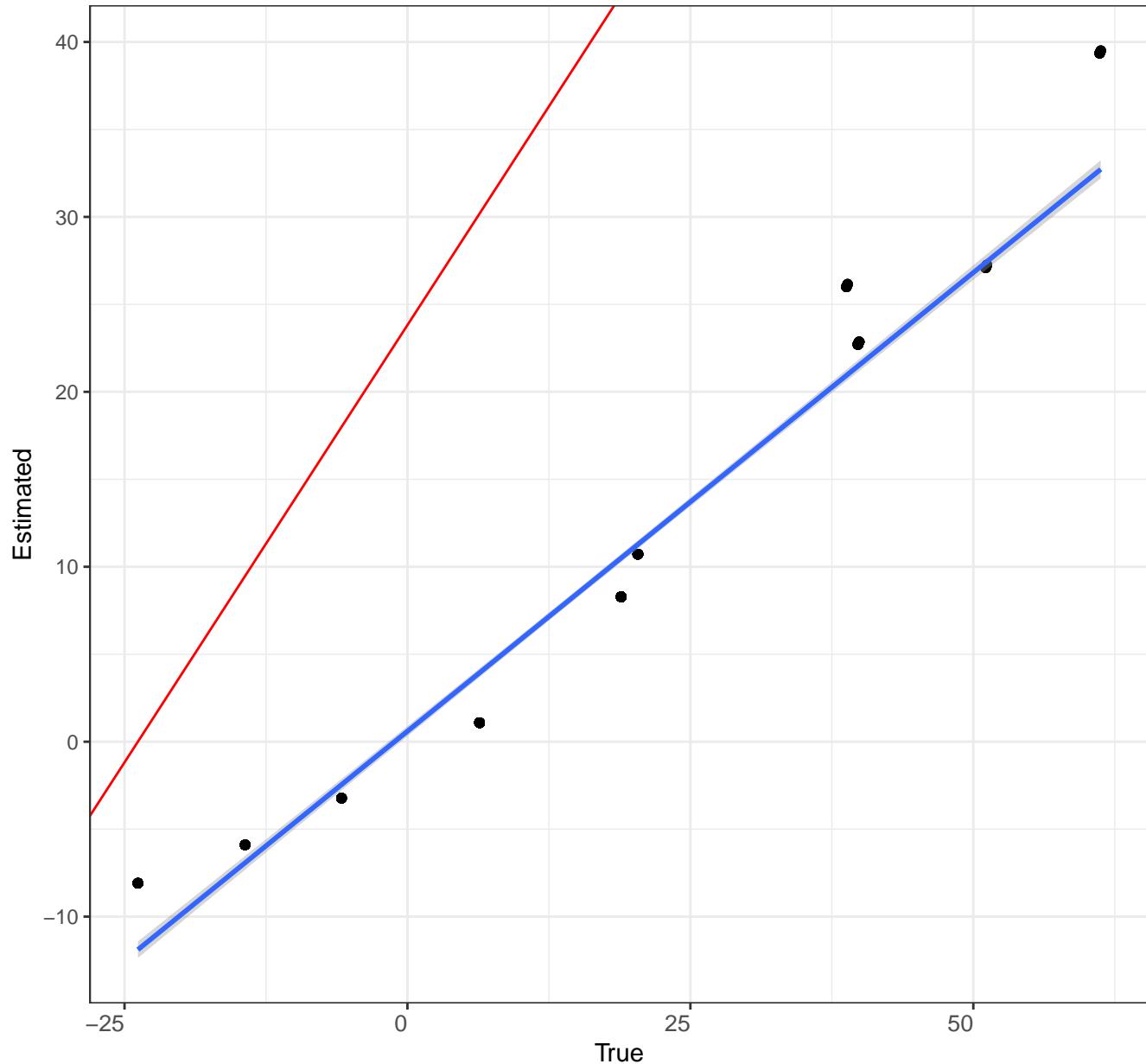


Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=20 ,r=10 true gr K=4 ,type=4 ,N=204 pN=0.217

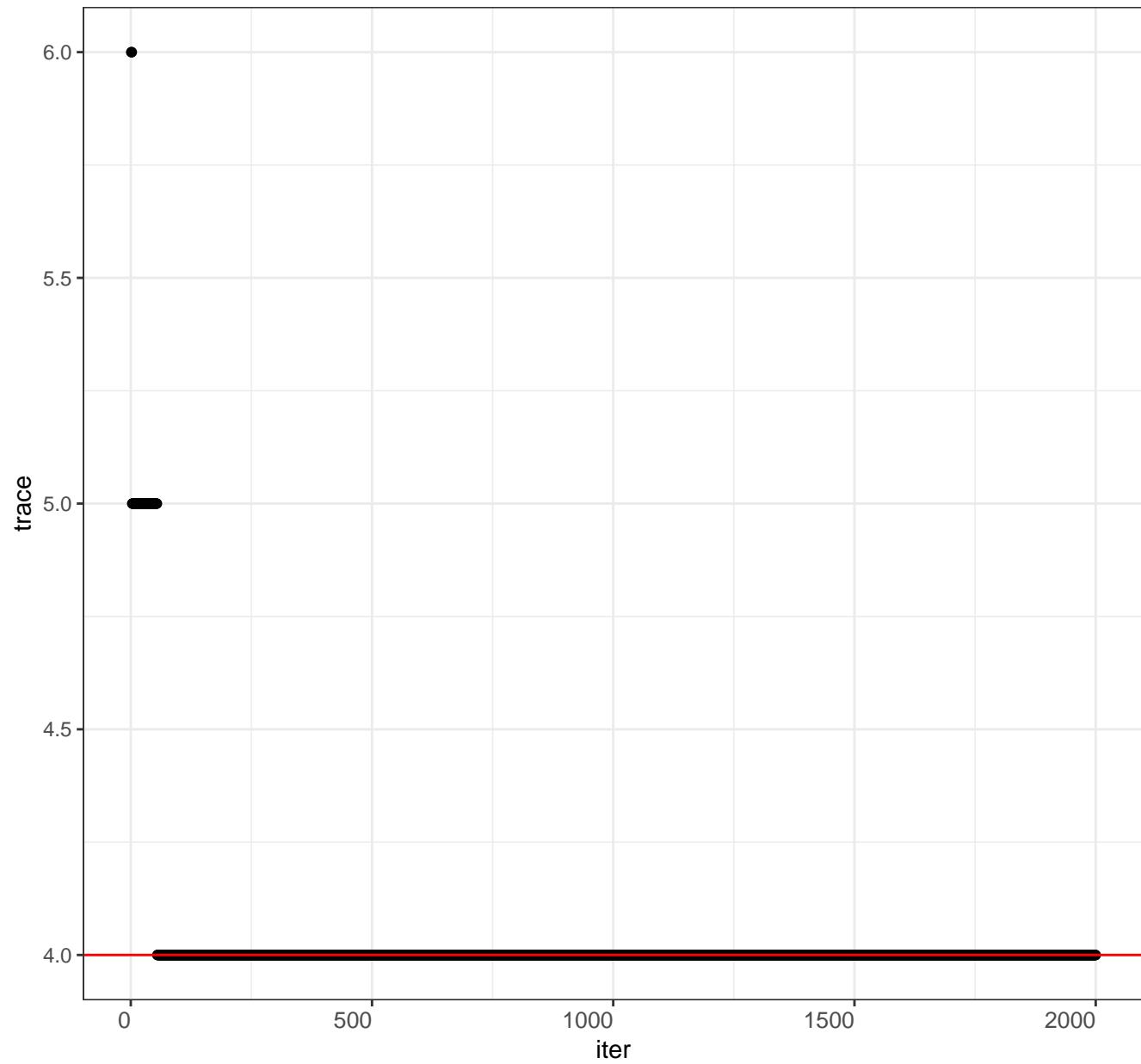


True vs estimated covariance parameters



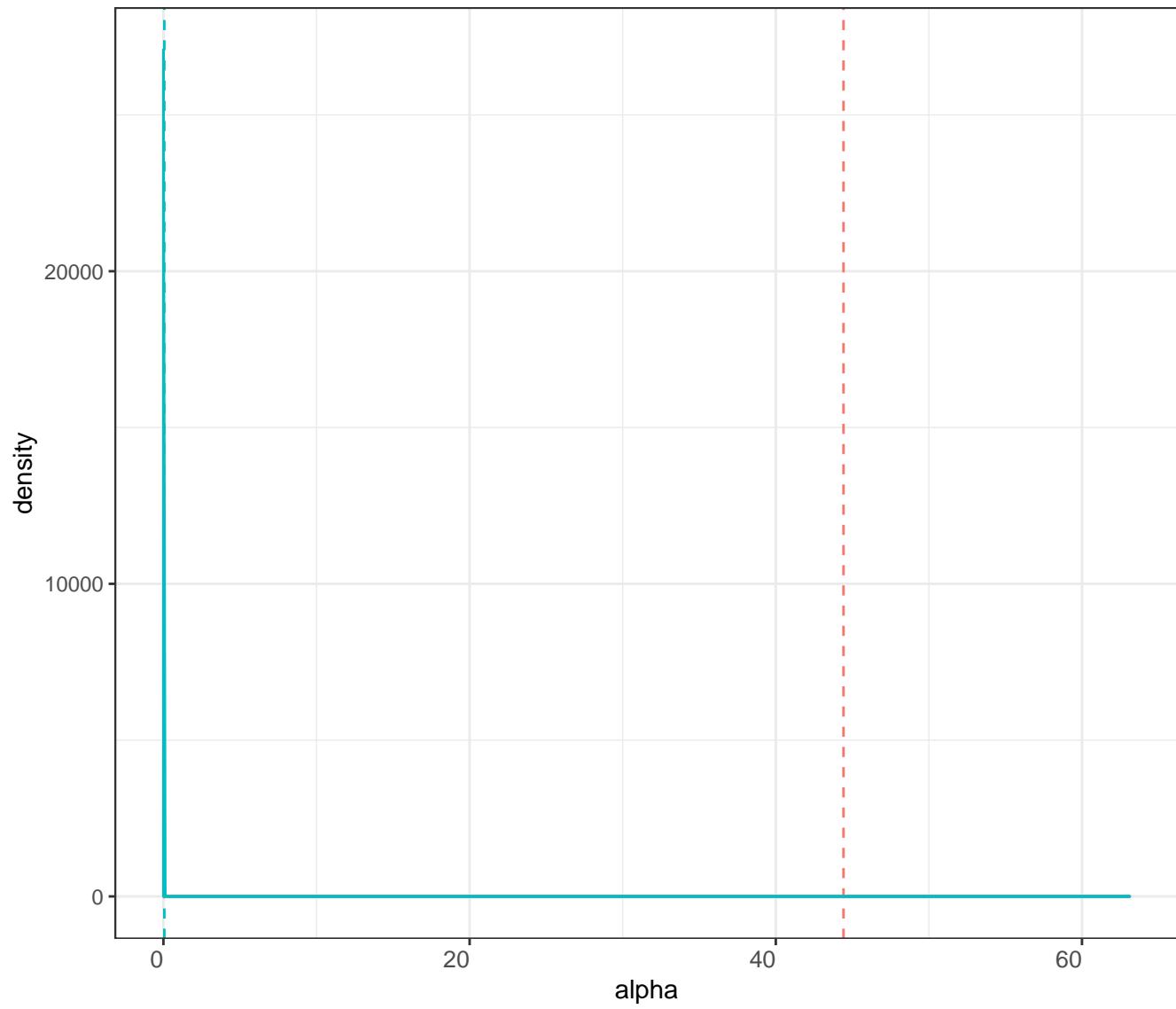
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 r=10 true K=4 type=4

Trace plot for the number of groups K for S=20 r=10 true K=4 type=4



Distribution alpha: S=20 ,r=10 true gr K=4 ,type=4 ,N=204

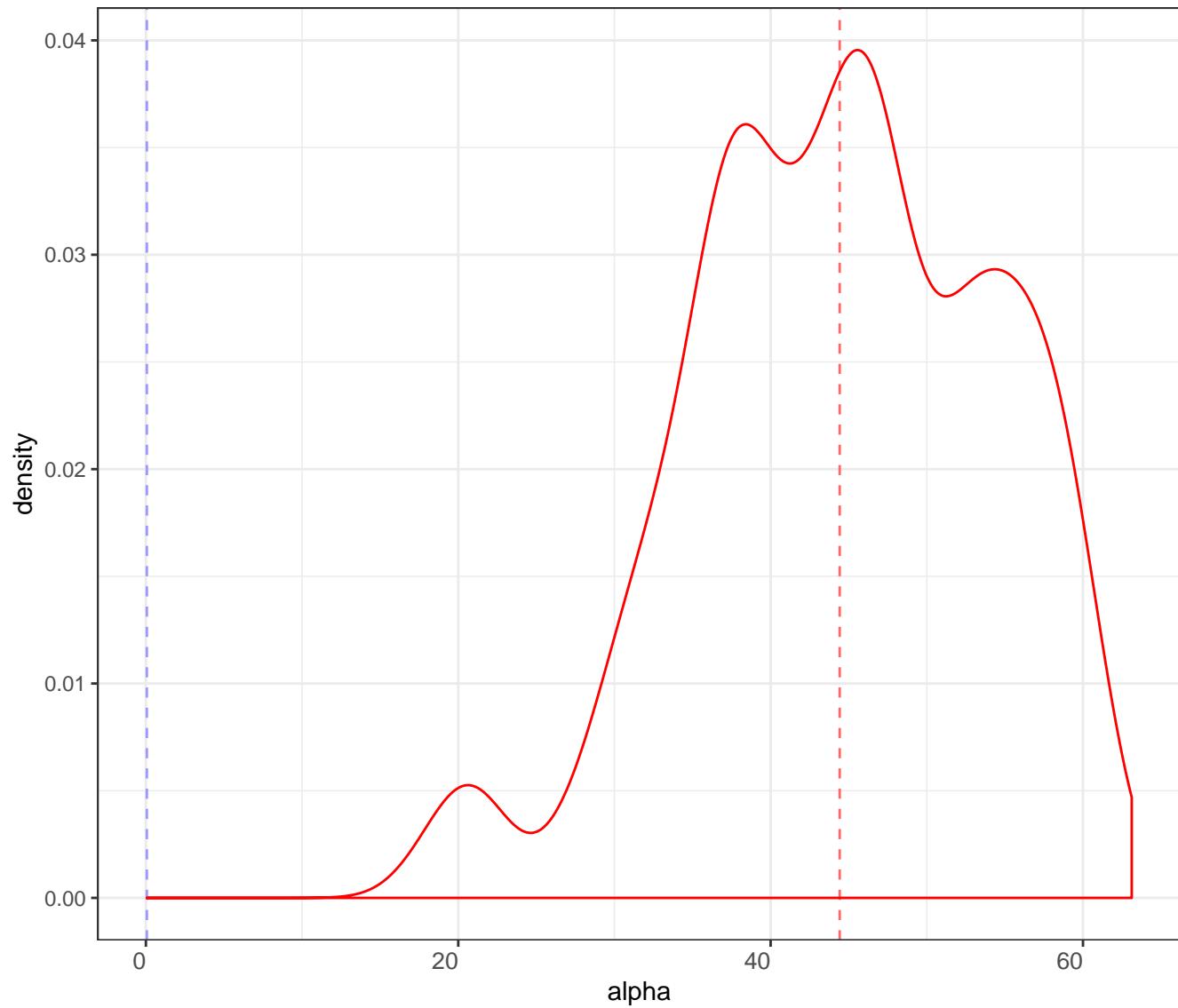
type  posterior  prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

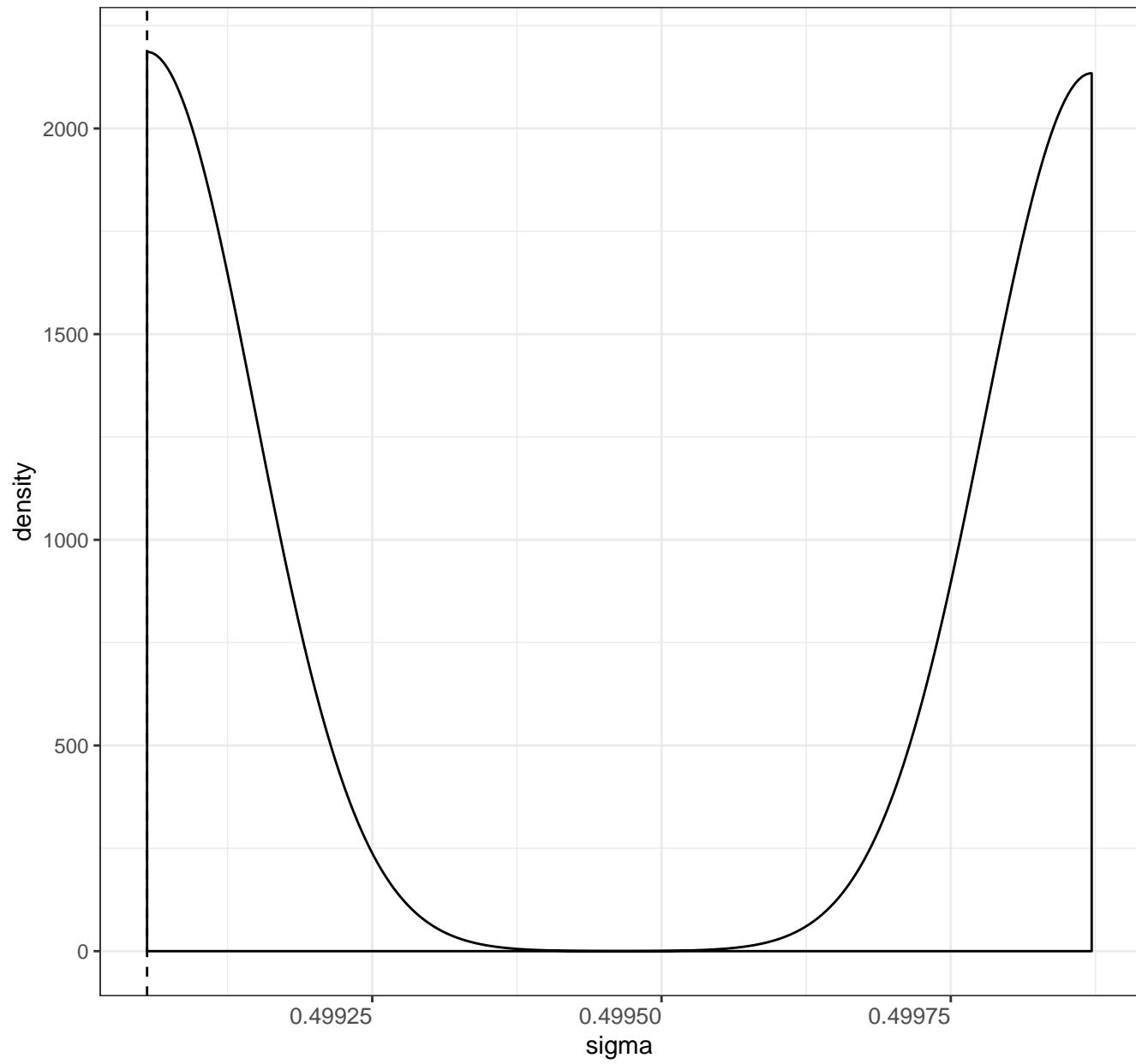
Posterior distribution for alpha

Legend | posterior mean | prior mean



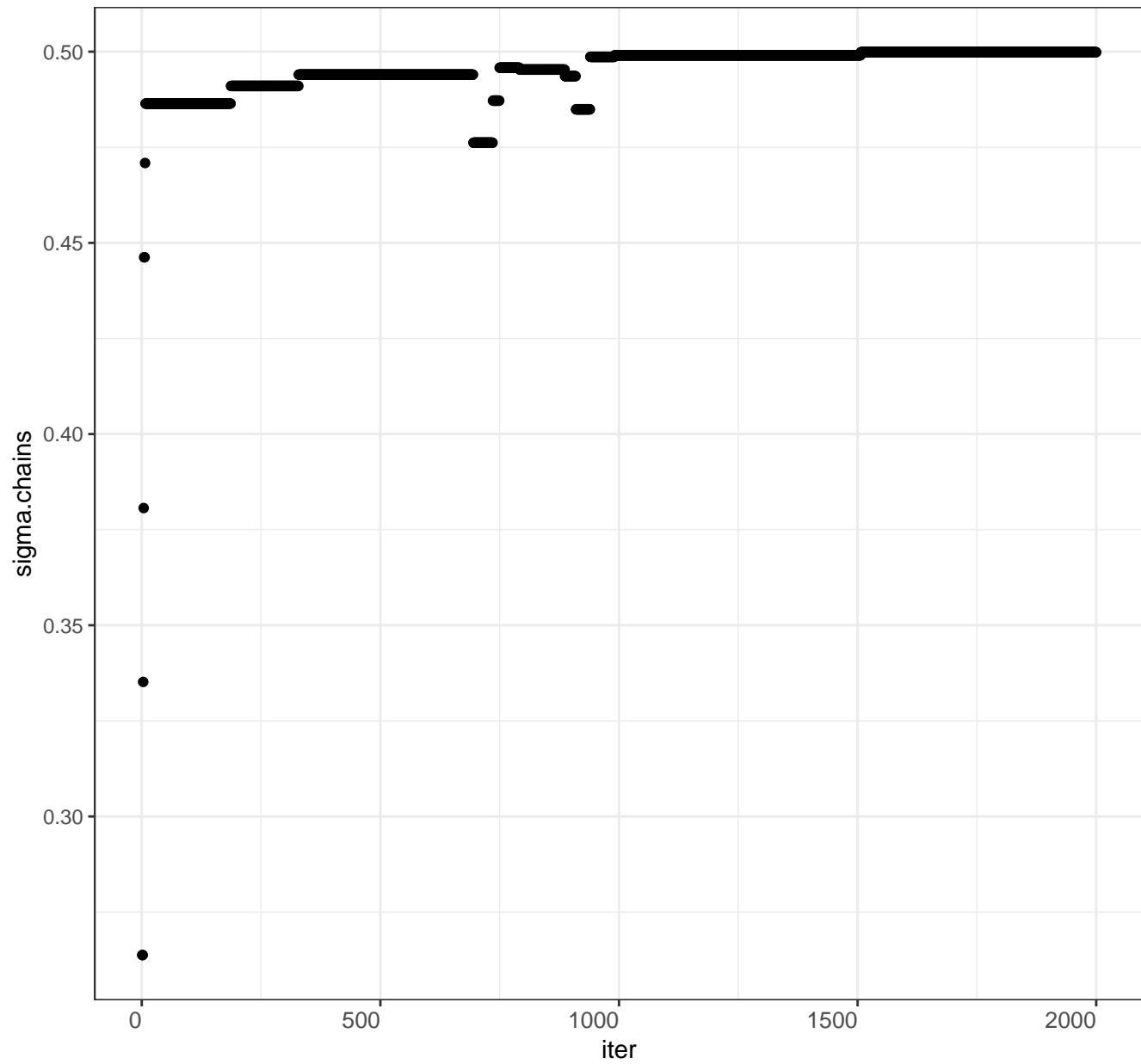
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=10 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=20 ,r=10 true gr K=4 ,type=4 ,N=204



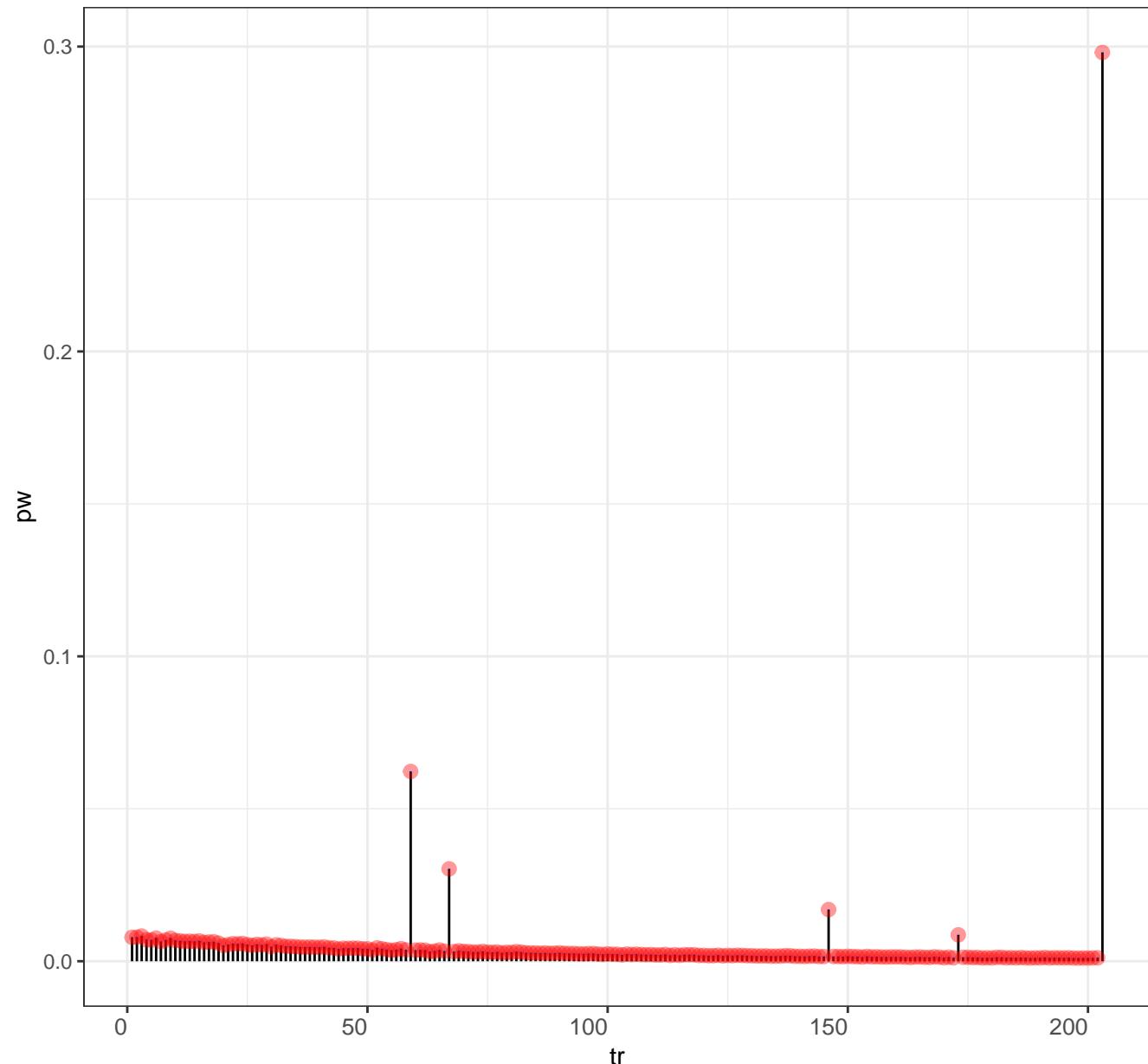
Number of iterations: 2000 burnin: 1000 number of samples: 500

Trace plot for the sigma for S=20 r=10 true K=4 type=4



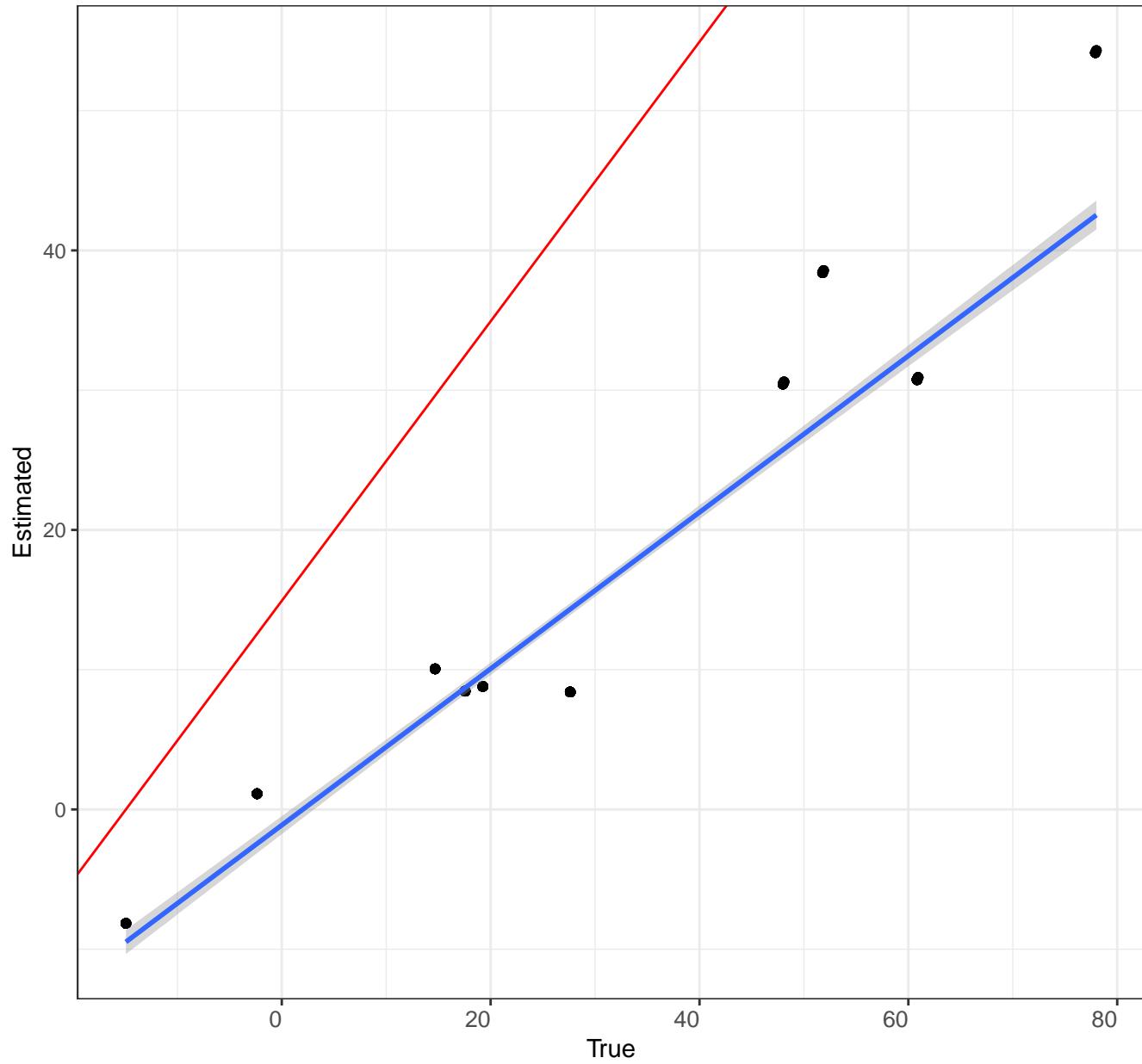
Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=20 ,r=10 true gr K=4 ,type=4 ,N=204 pN=0.298



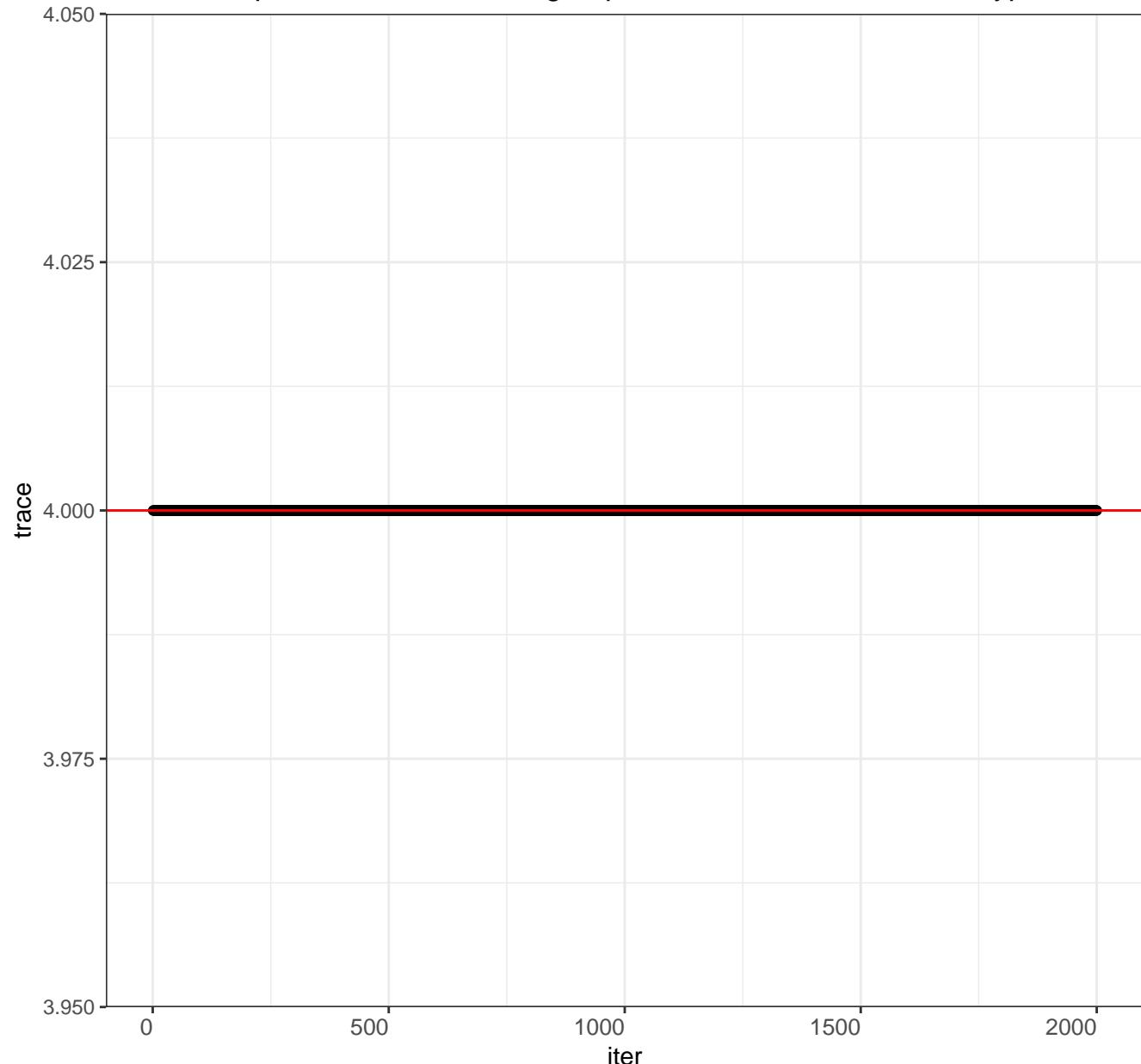
Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 r=10 true K=4 type=4

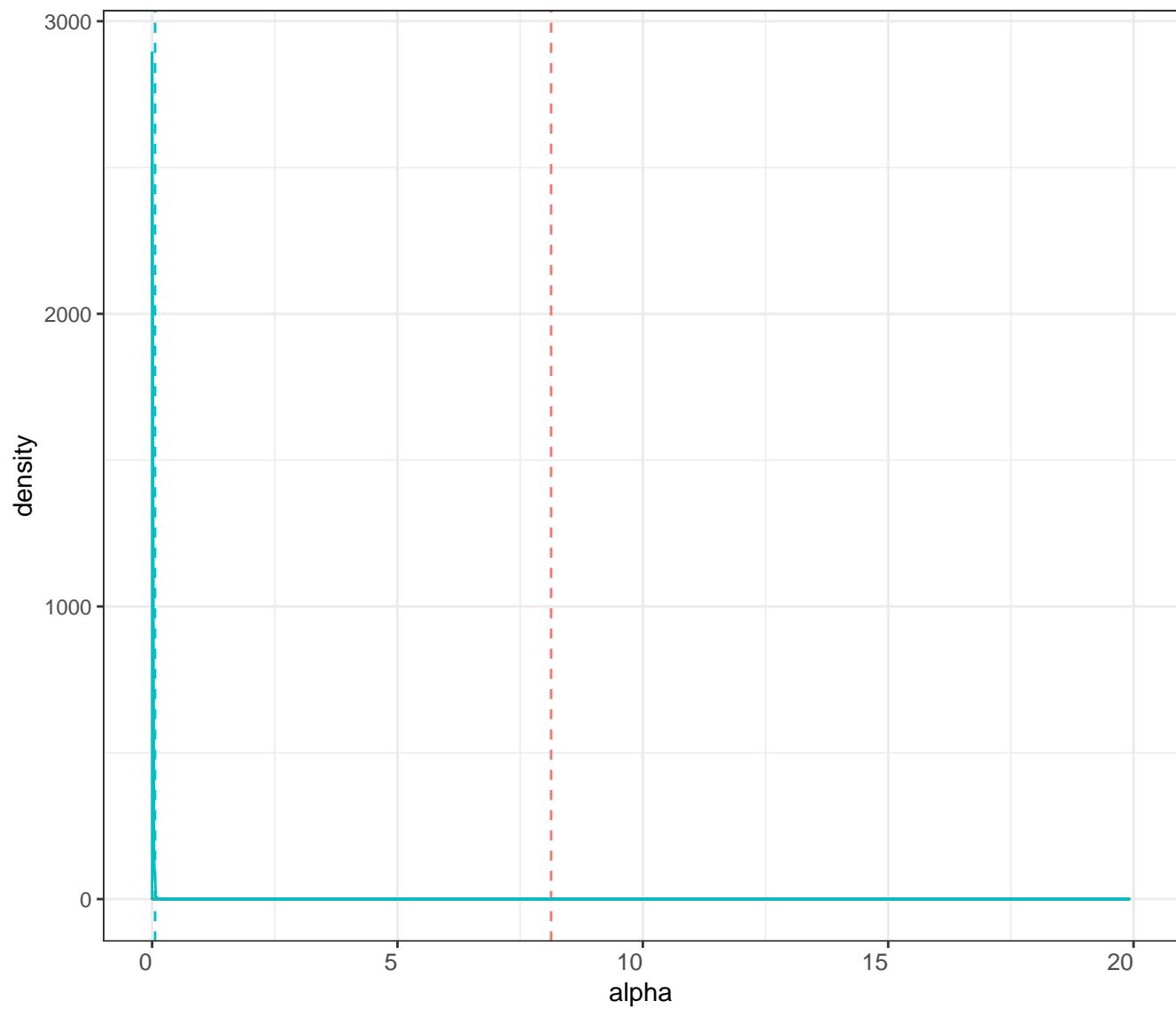
Trace plot for the number of groups K for S=20 r=20 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=20 ,r=20 true gr K=4 ,type=4 ,N=204

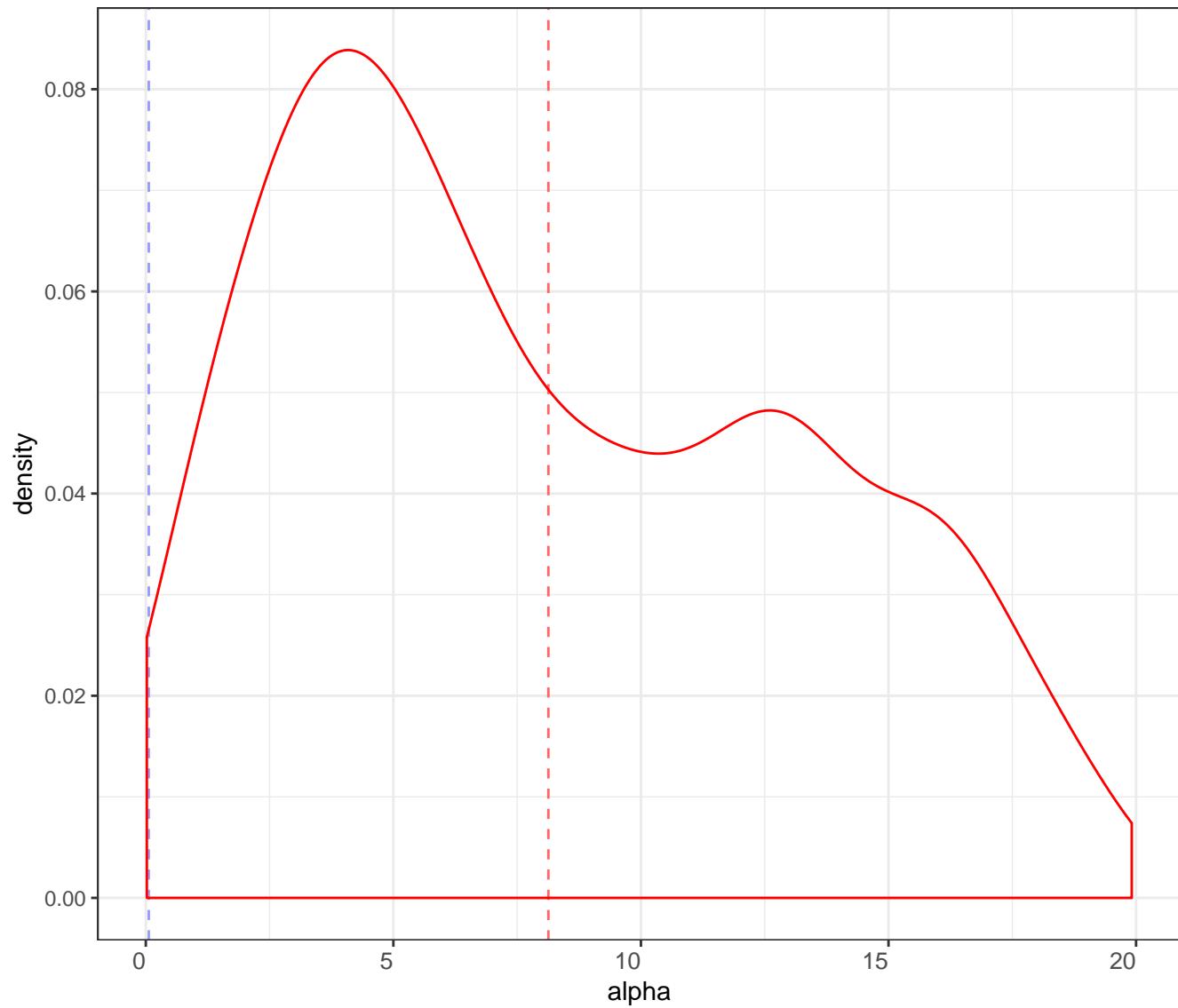
type  posterior  prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

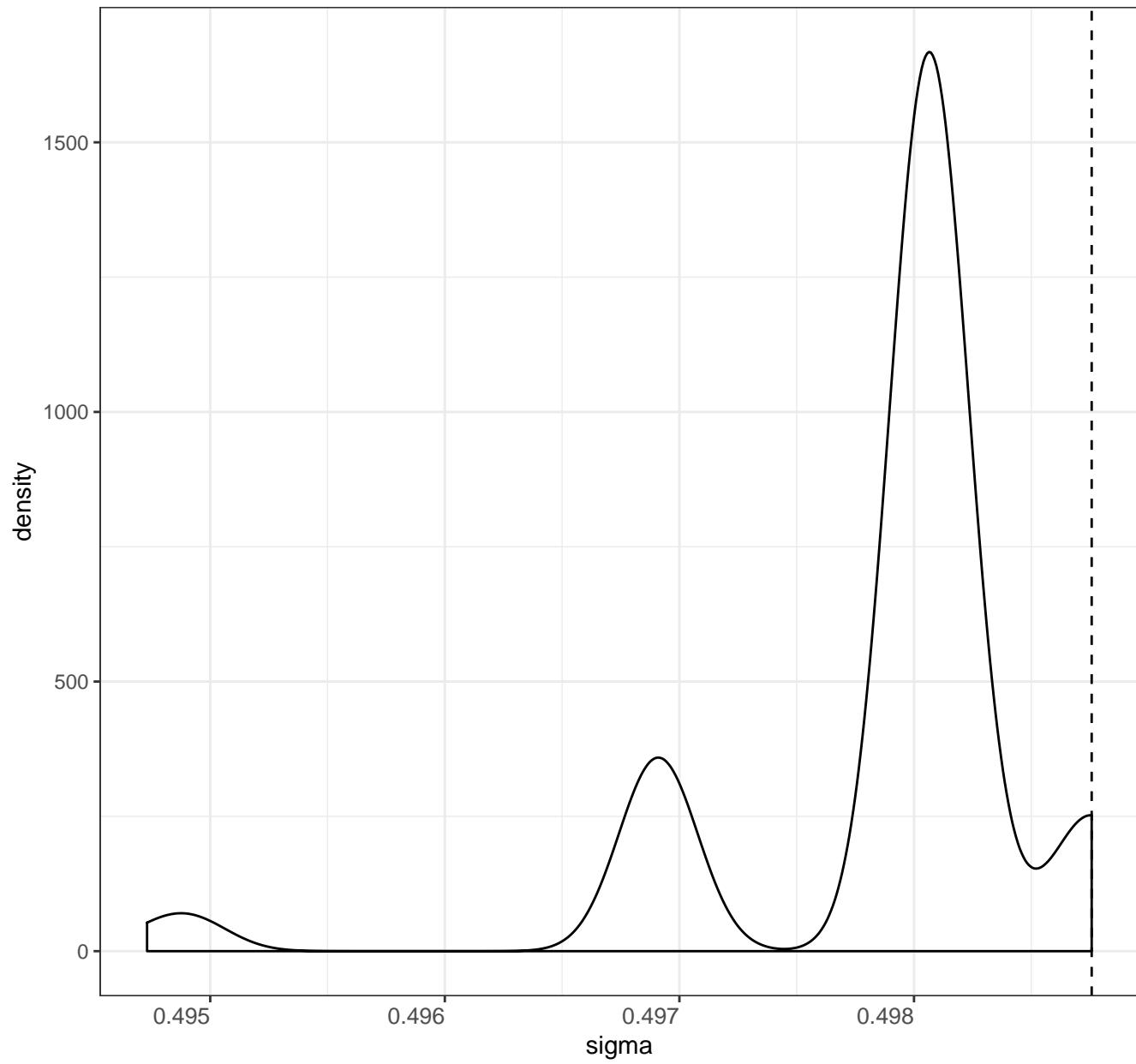
Posterior distribution for alpha

Legend | posterior mean | prior mean

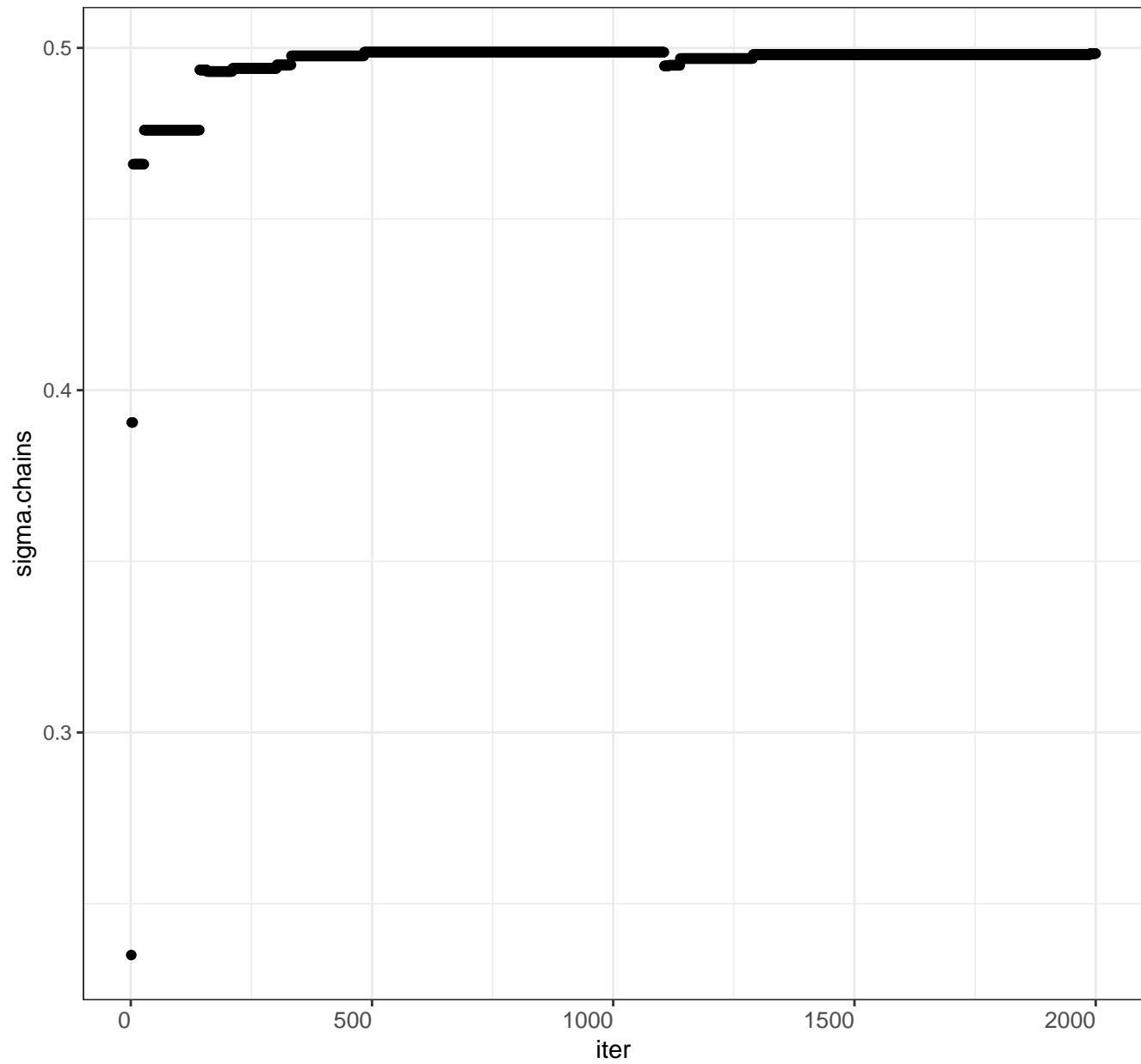


Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=20 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=20 ,r=20 true gr K=4 ,type=4 ,N=204

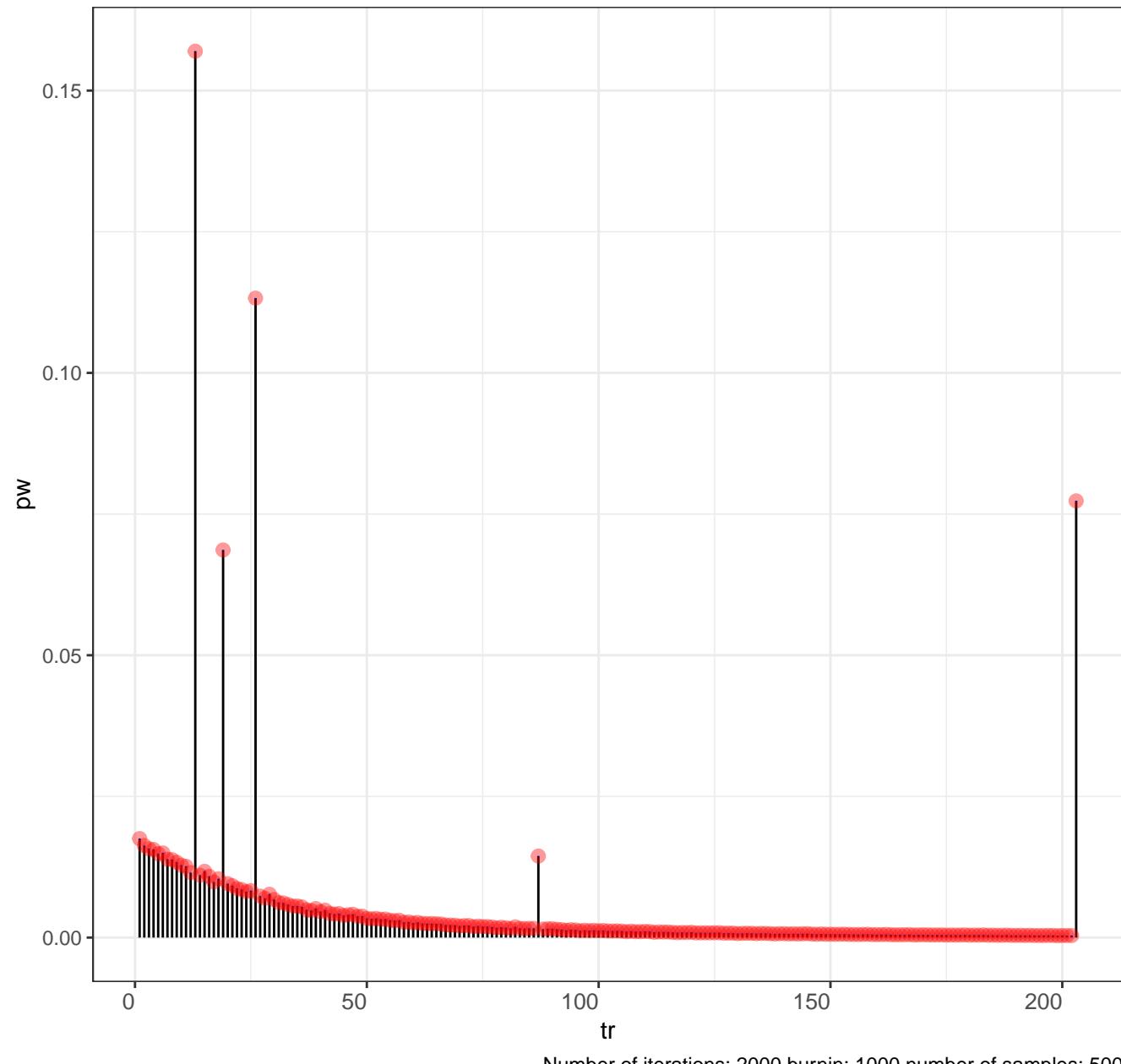


Trace plot for the sigma for S=20 r=20 true K=4 type=4

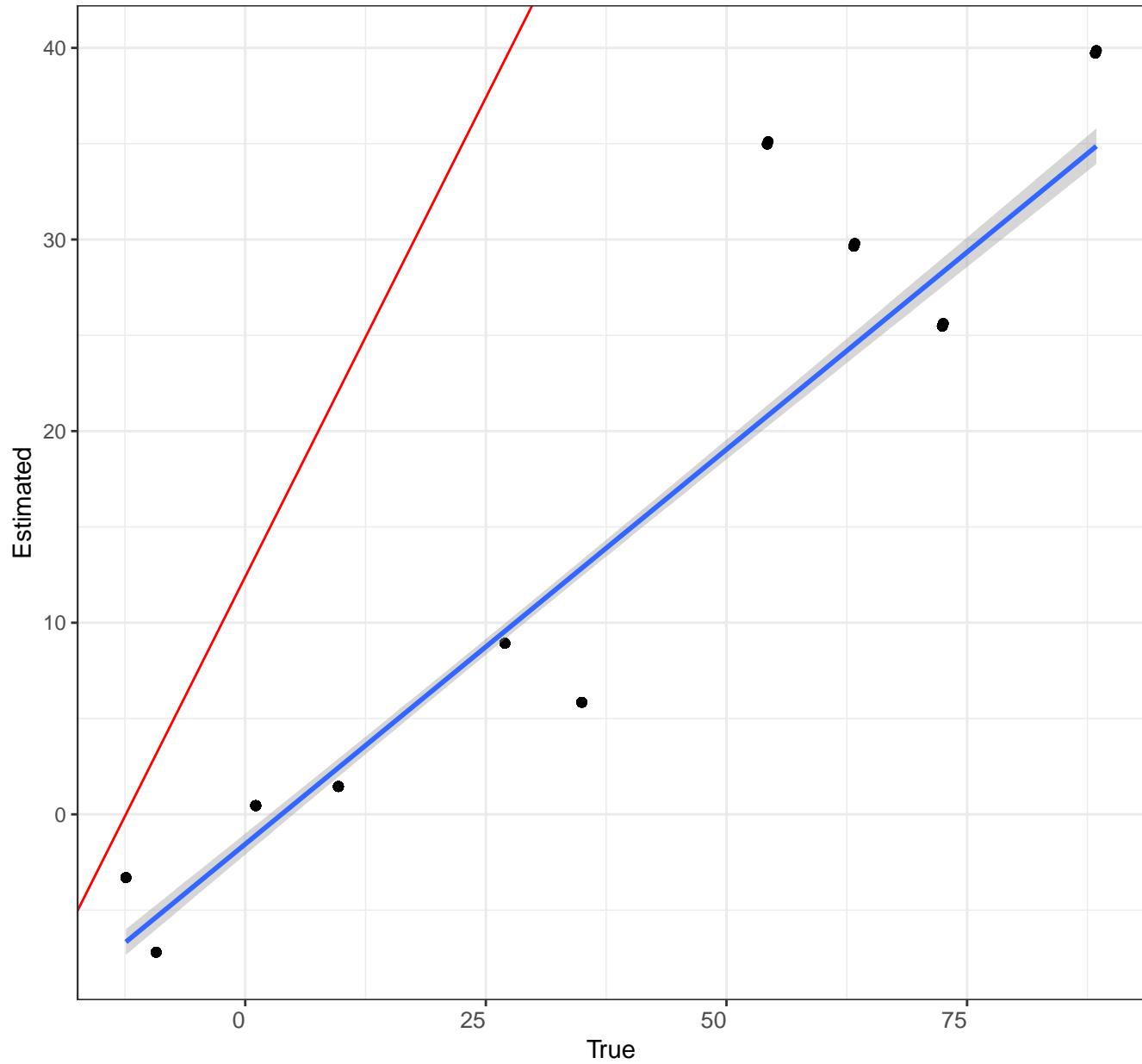


Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=20 ,r=20 true gr K=4 ,type=4 ,N=204 pN=0.077

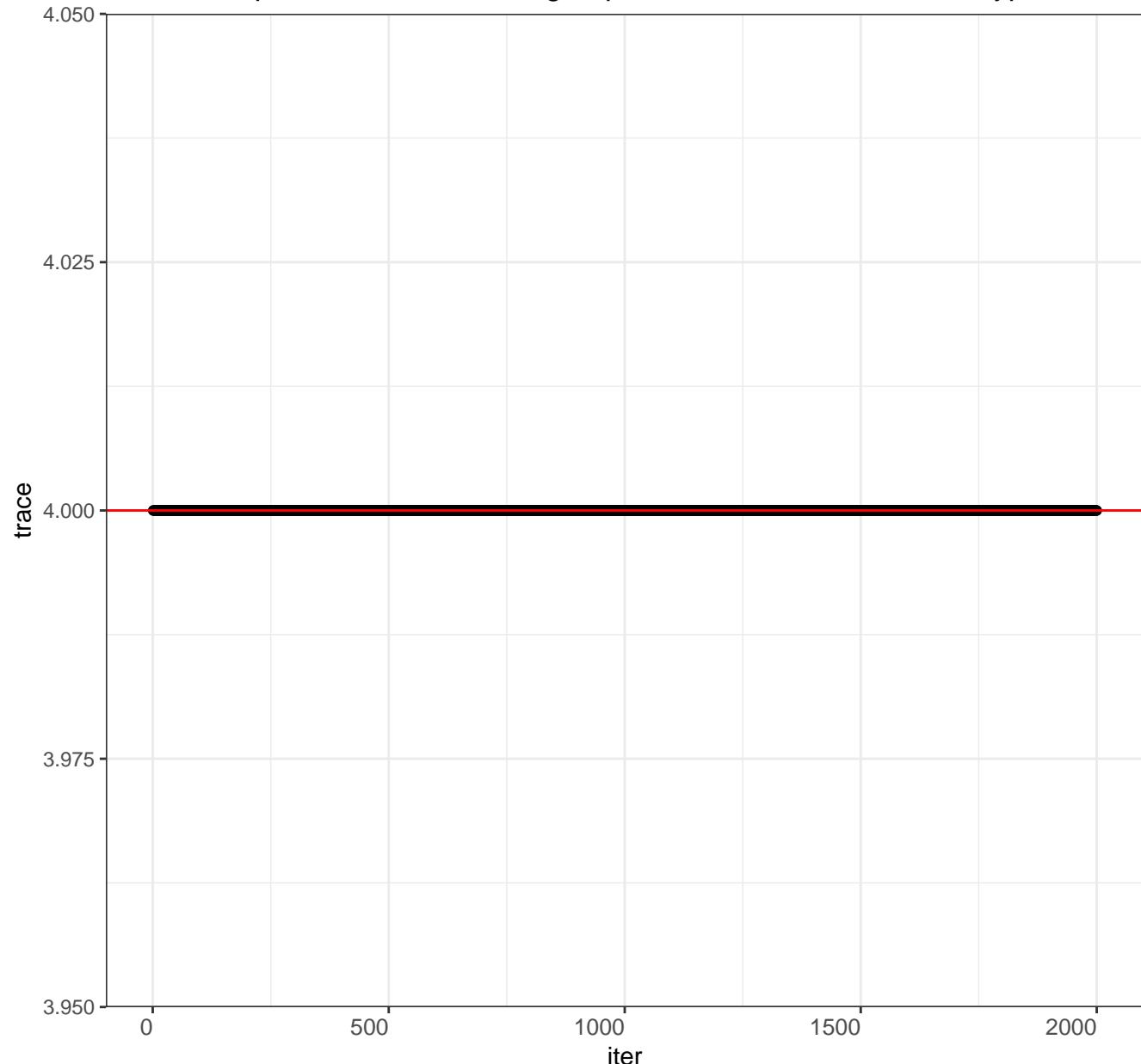


True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 r=20 true K=4 type=4

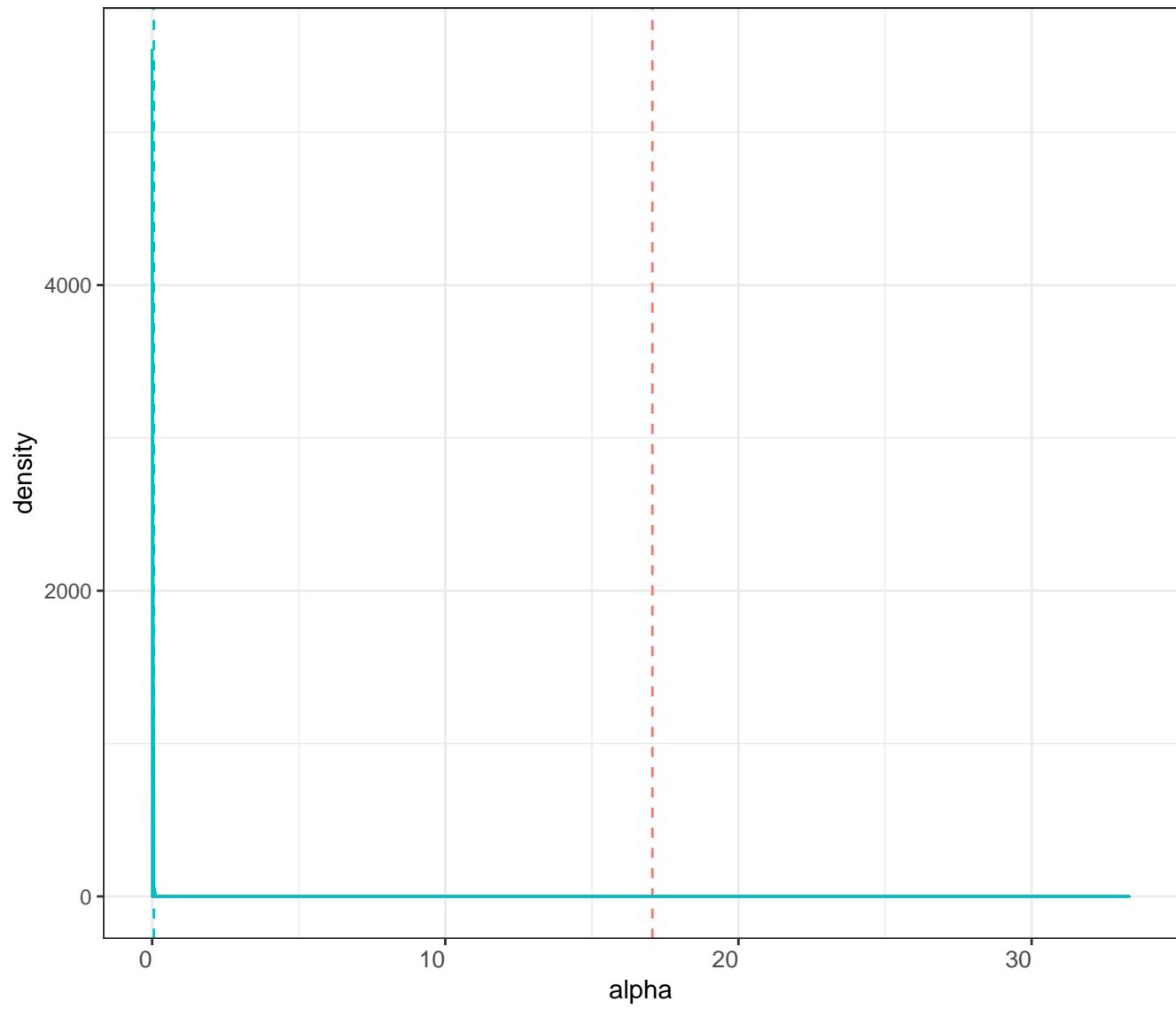
Trace plot for the number of groups K for S=20 r=20 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=20 ,r=20 true gr K=4 ,type=4 ,N=204

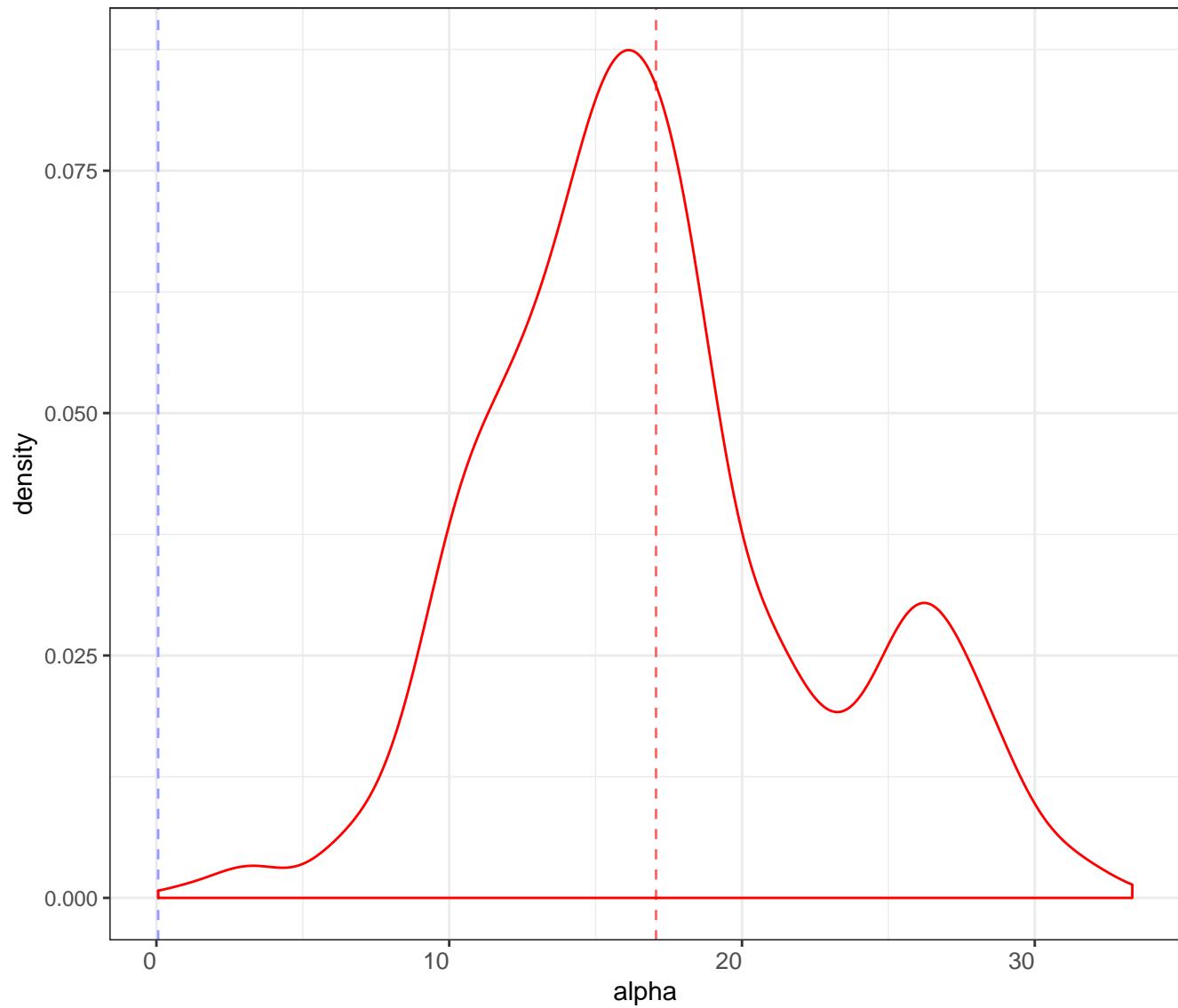
type  posterior  prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

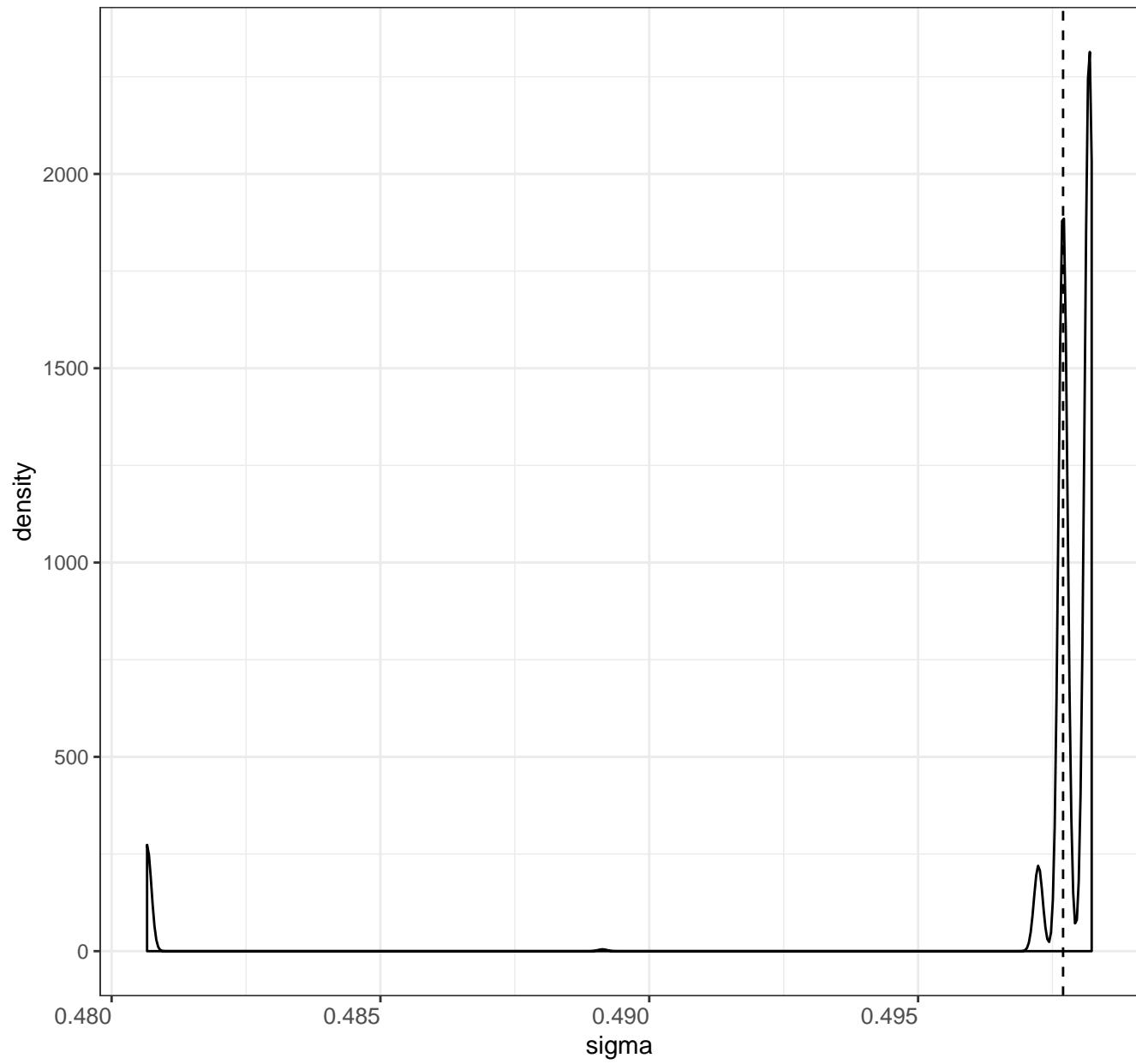
Posterior distribution for alpha

Legend | posterior mean | prior mean



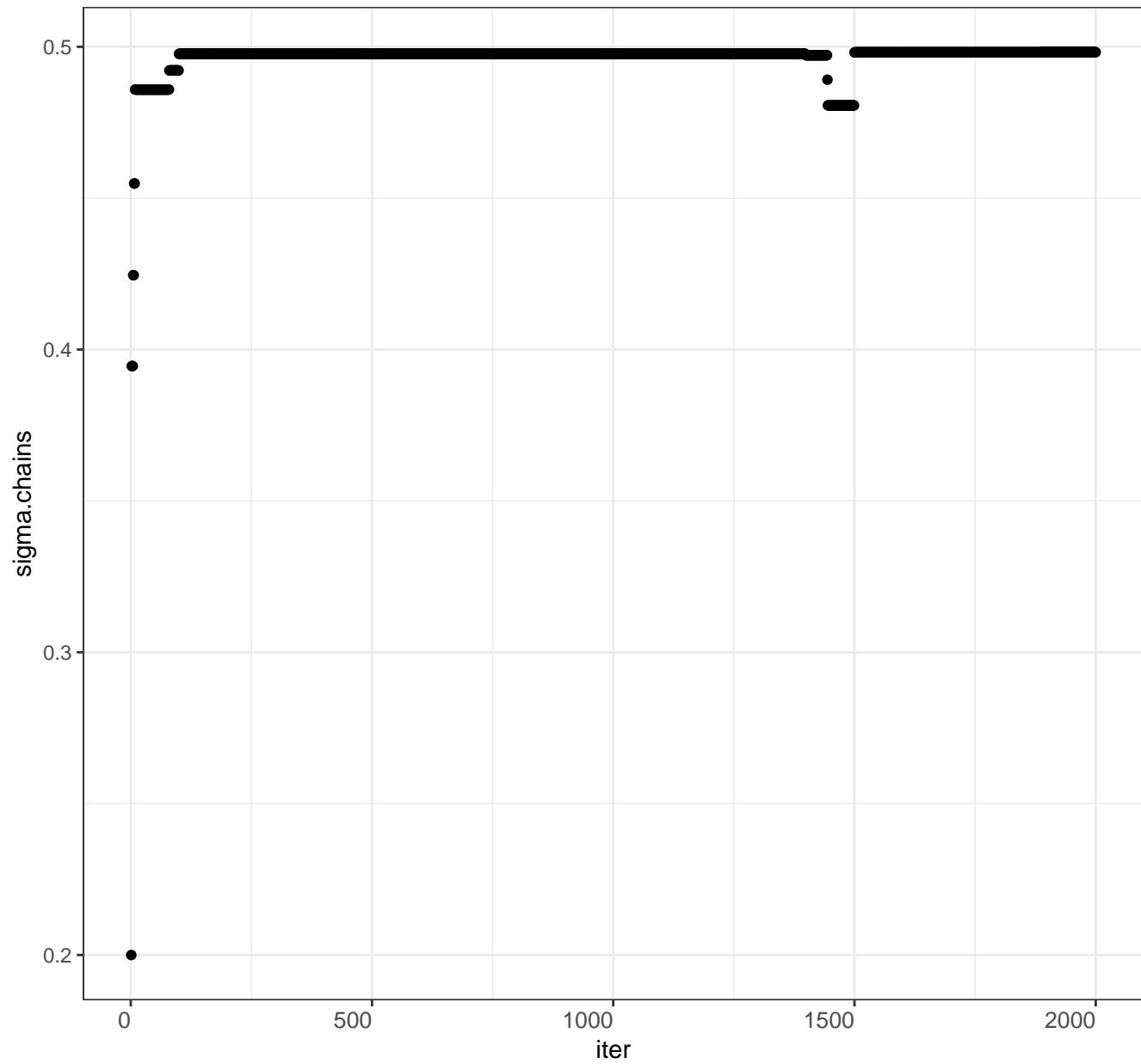
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=20 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=20 ,r=20 true gr K=4 ,type=4 ,N=204



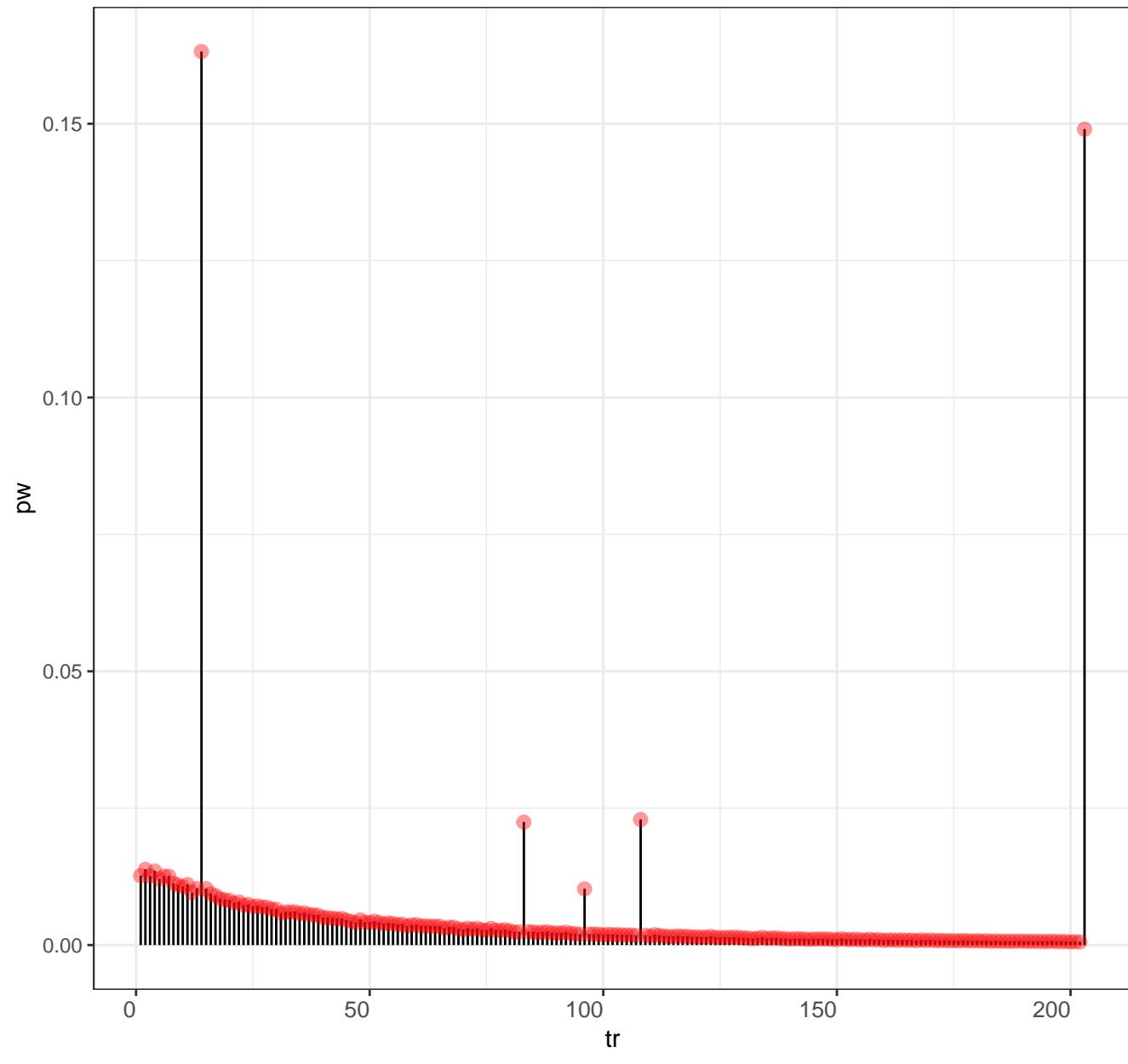
Number of iterations: 2000 burnin: 1000 number of samples: 500

Trace plot for the sigma for S=20 r=20 true K=4 type=4

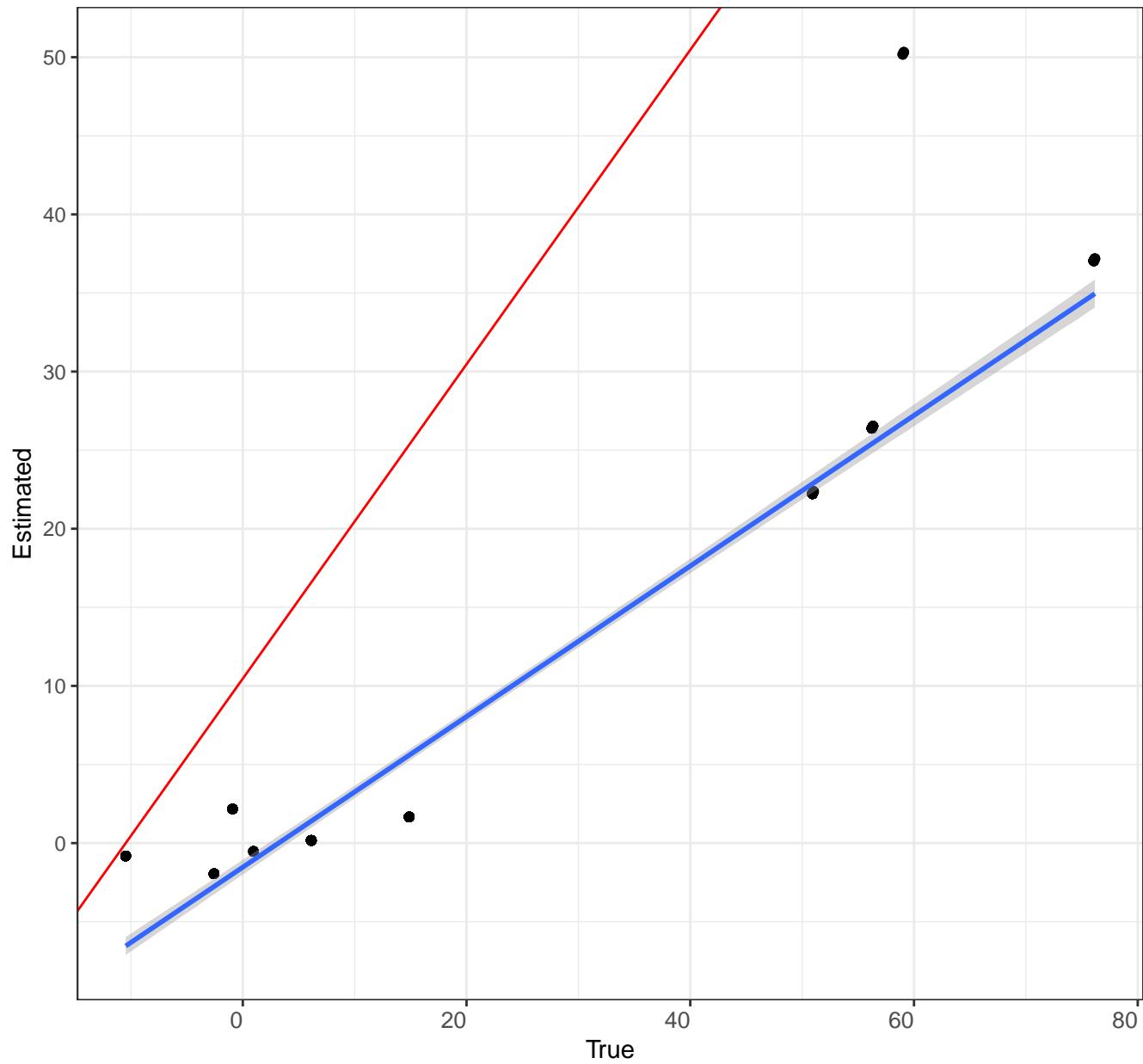


Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=20 ,r=20 true gr K=4 ,type=4 ,N=204 pN=0.149

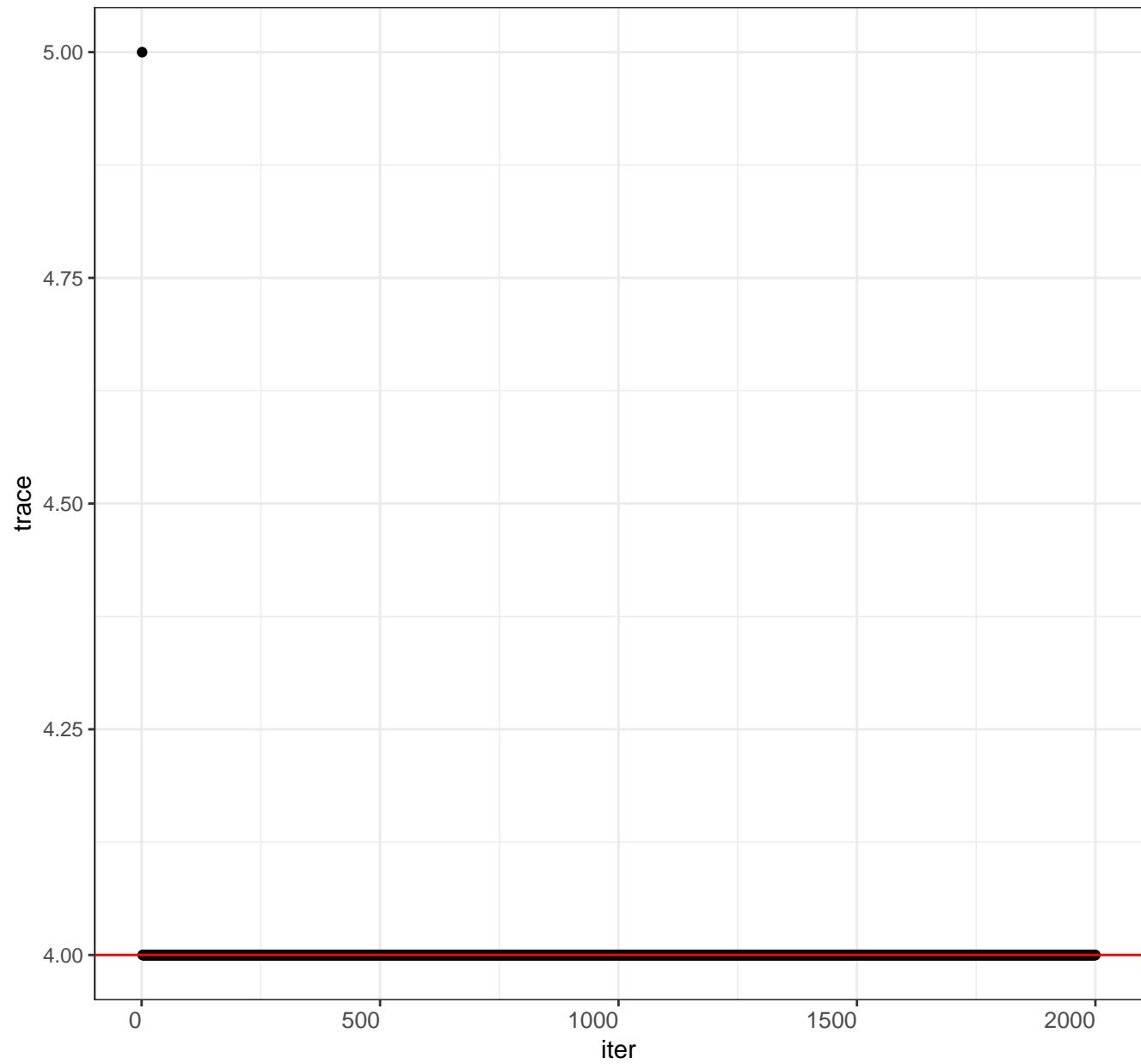


True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 r=20 true K=4 type=4

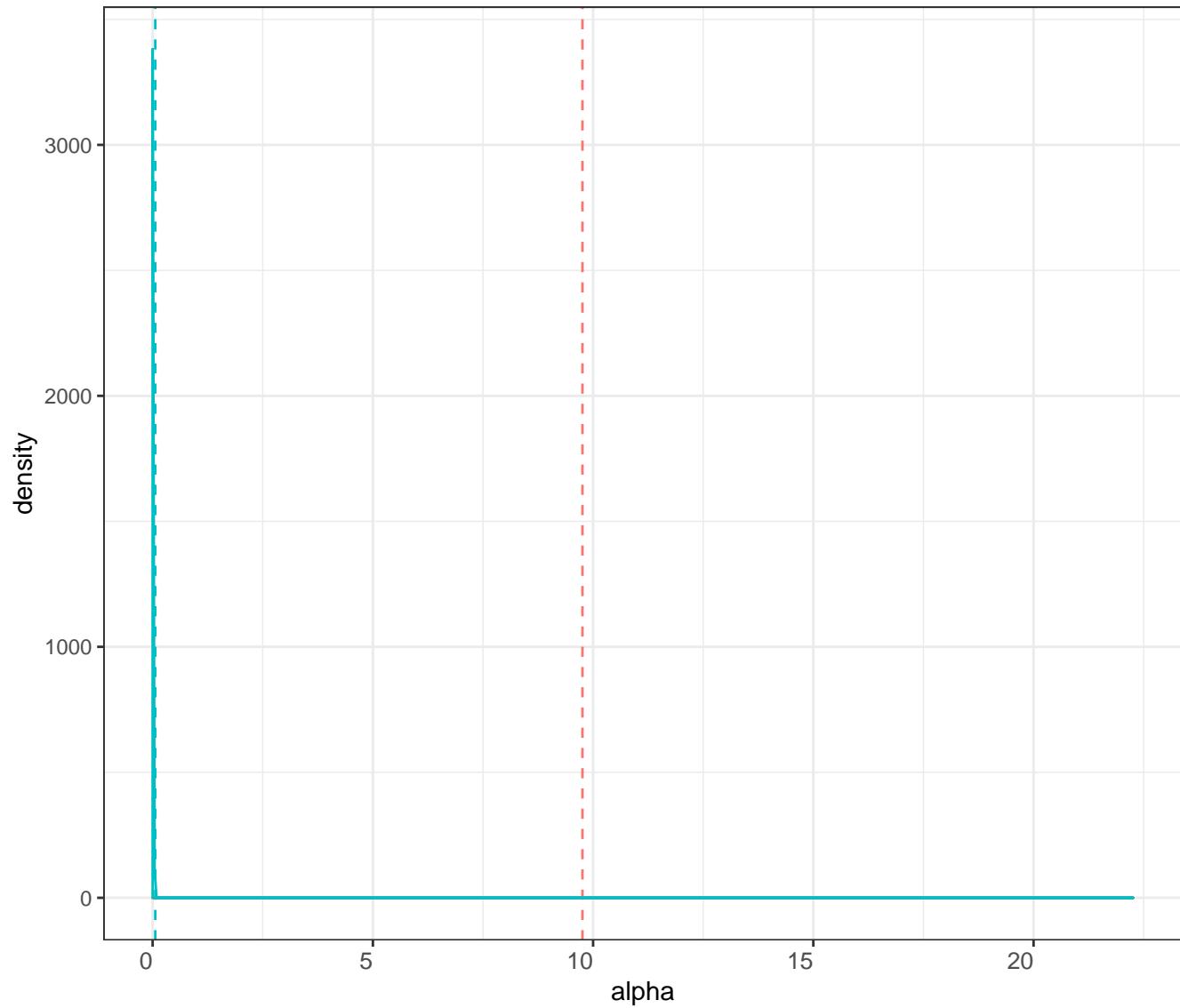
Trace plot for the number of groups K for S=20 r=20 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=20 ,r=20 true gr K=4 ,type=4 ,N=204

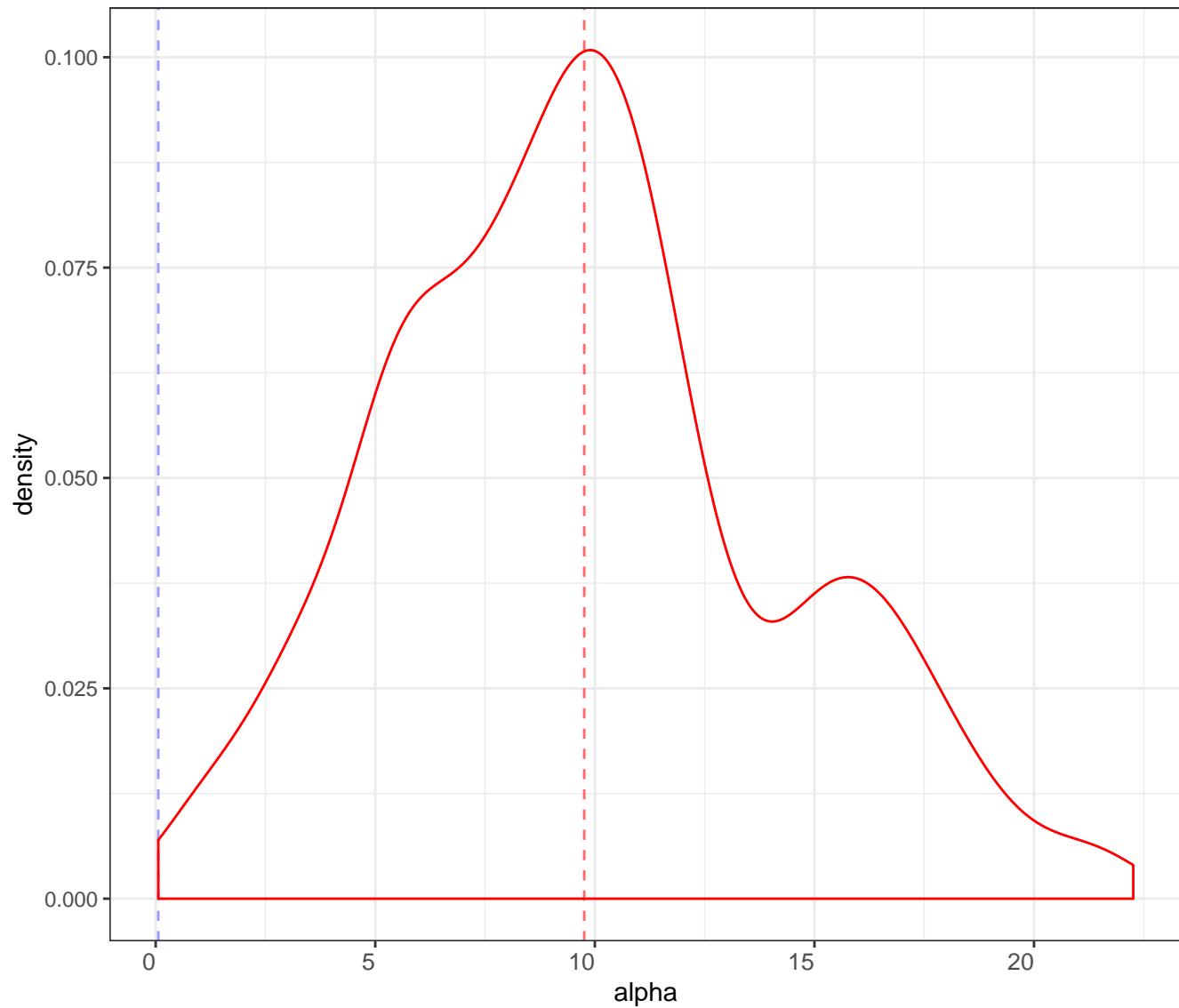
type  posterior  prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

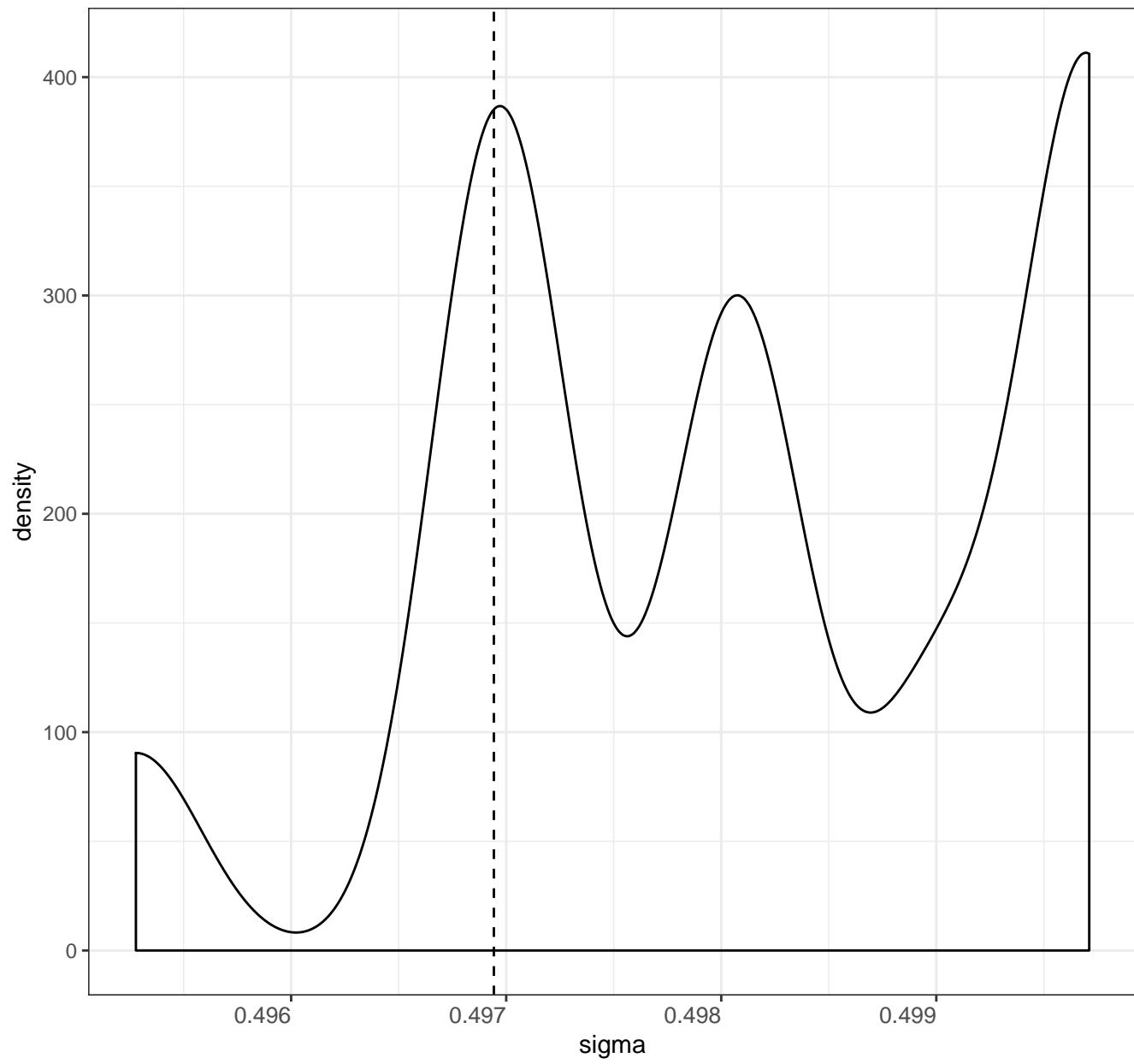
Posterior distribution for alpha

Legend | posterior mean | prior mean

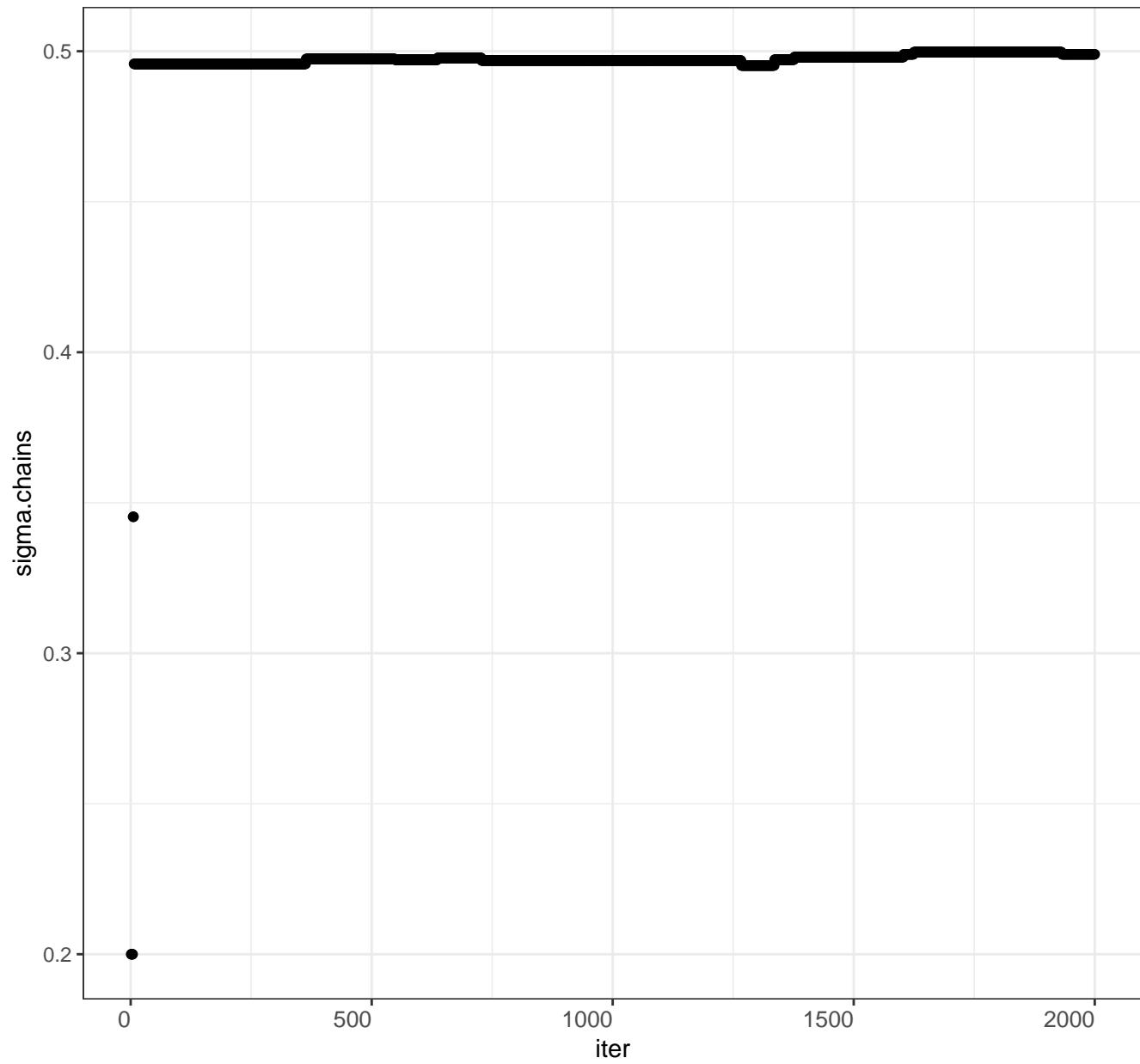


Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=20 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=20 ,r=20 true gr K=4 ,type=4 ,N=204

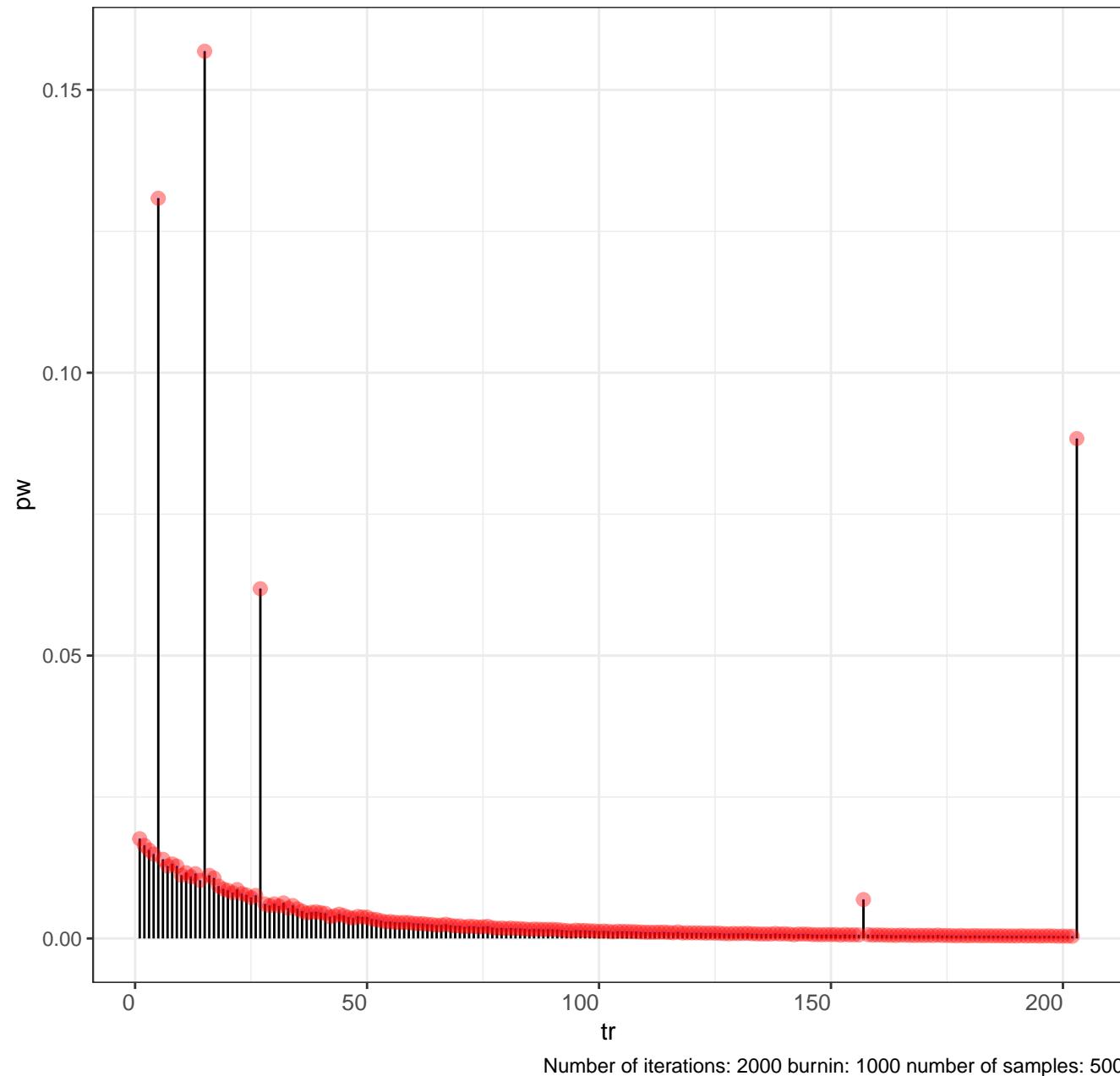


Trace plot for the sigma for S=20 r=20 true K=4 type=4

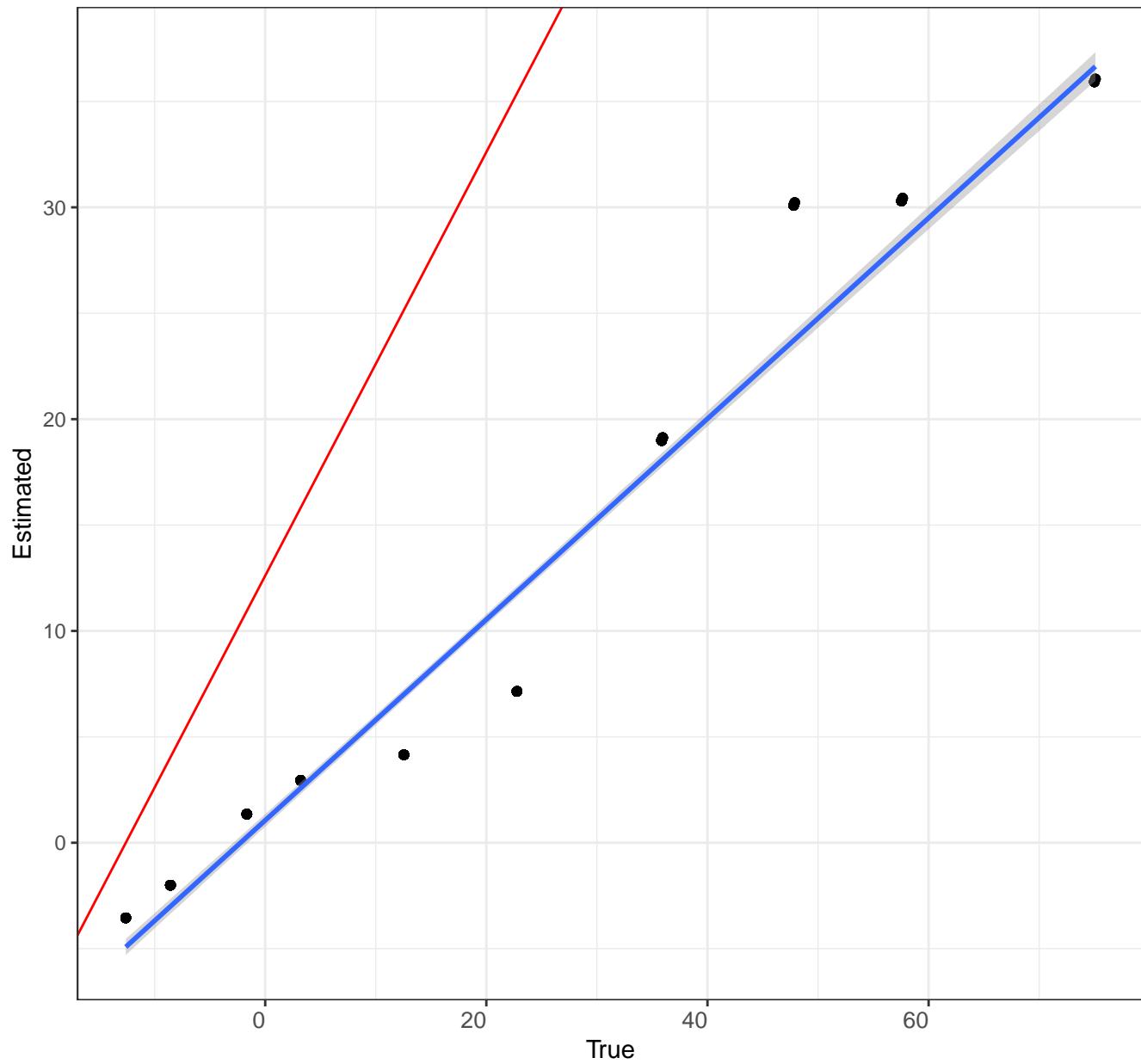


Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=20 ,r=20 true gr K=4 ,type=4 ,N=204 pN=0.088

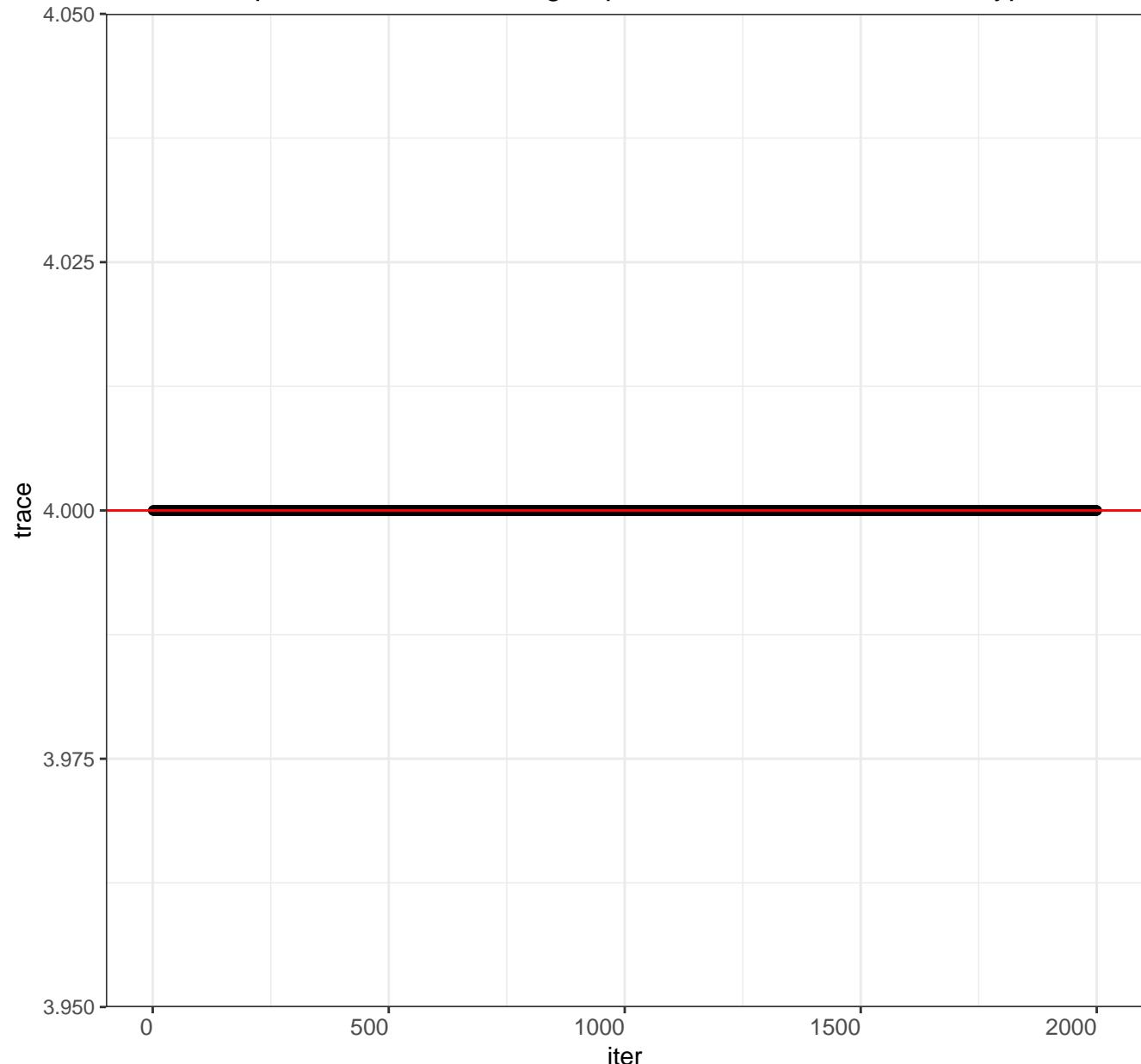


True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 r=20 true K=4 type=4

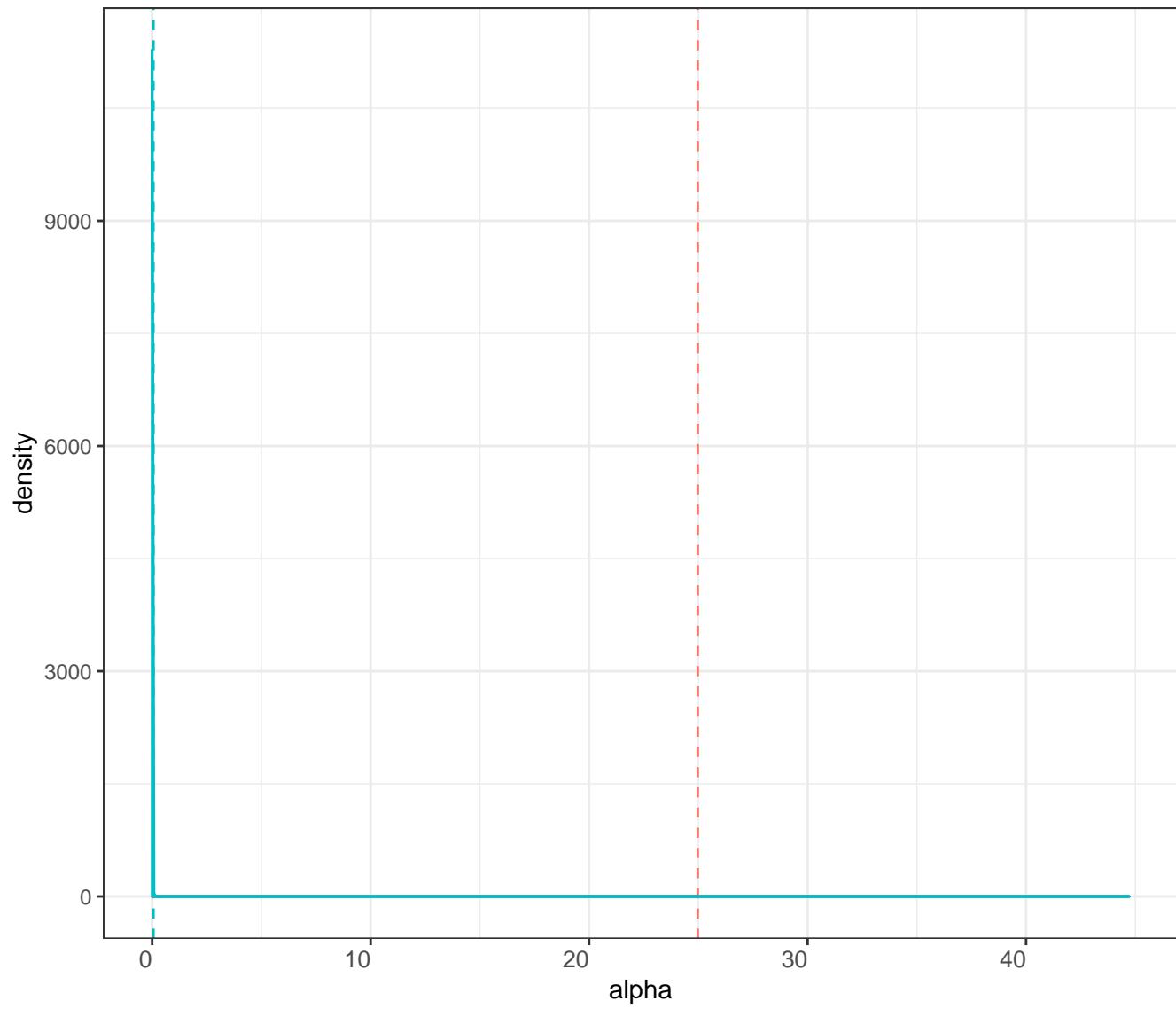
Trace plot for the number of groups K for S=20 r=20 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=20 ,r=20 true gr K=4 ,type=4 ,N=204

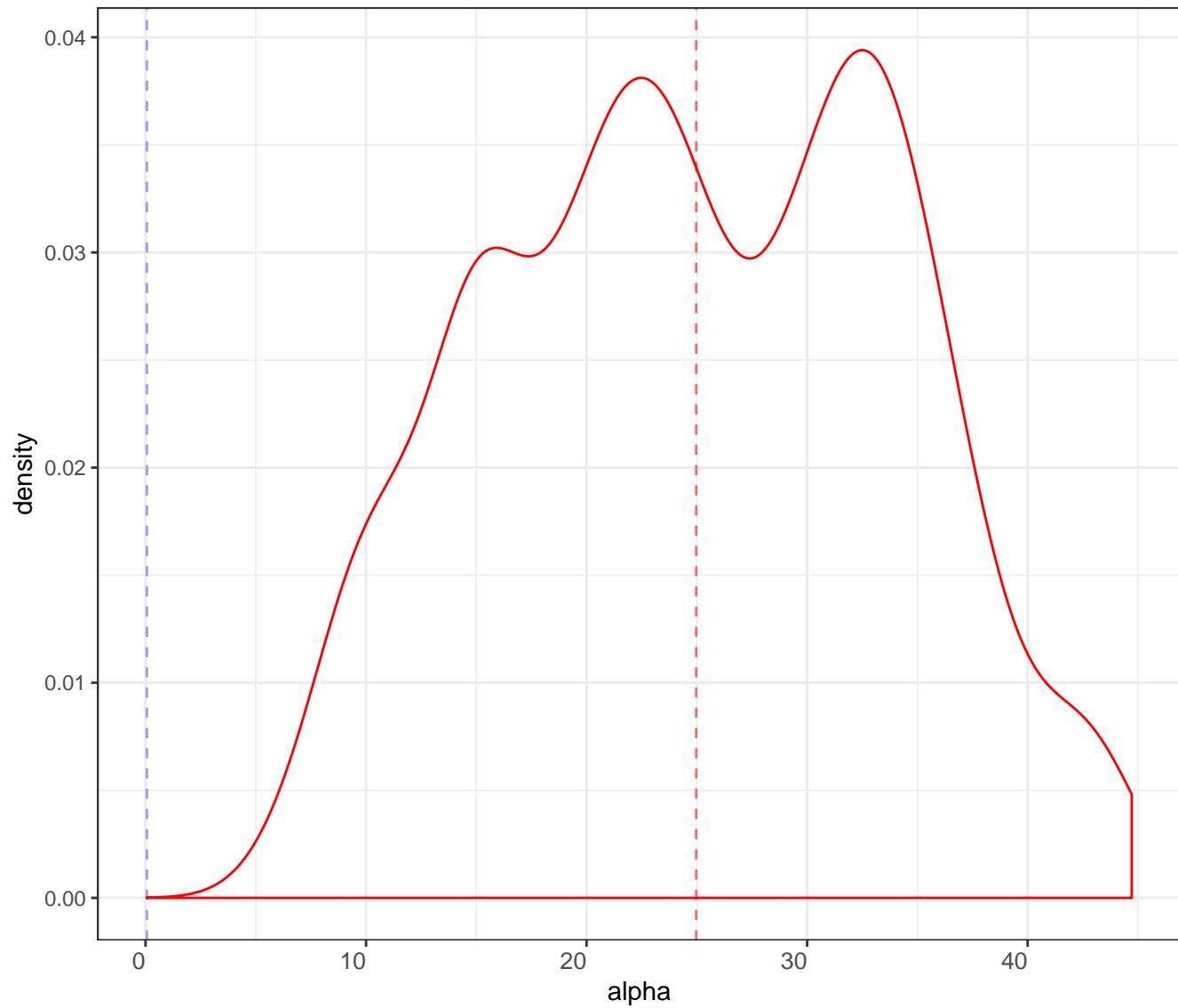
type  posterior  prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

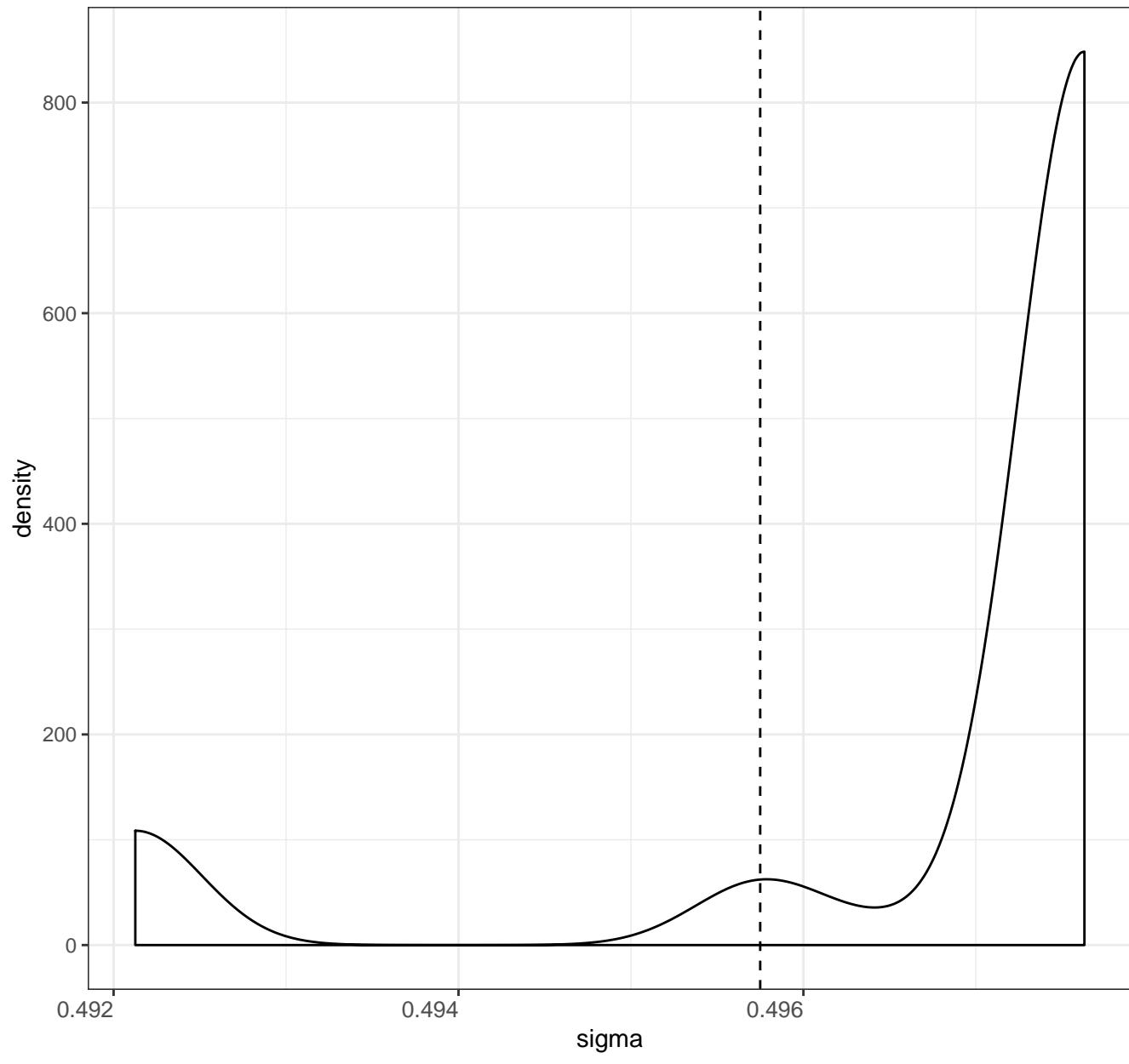
Posterior distribution for alpha

Legend | posterior mean | prior mean

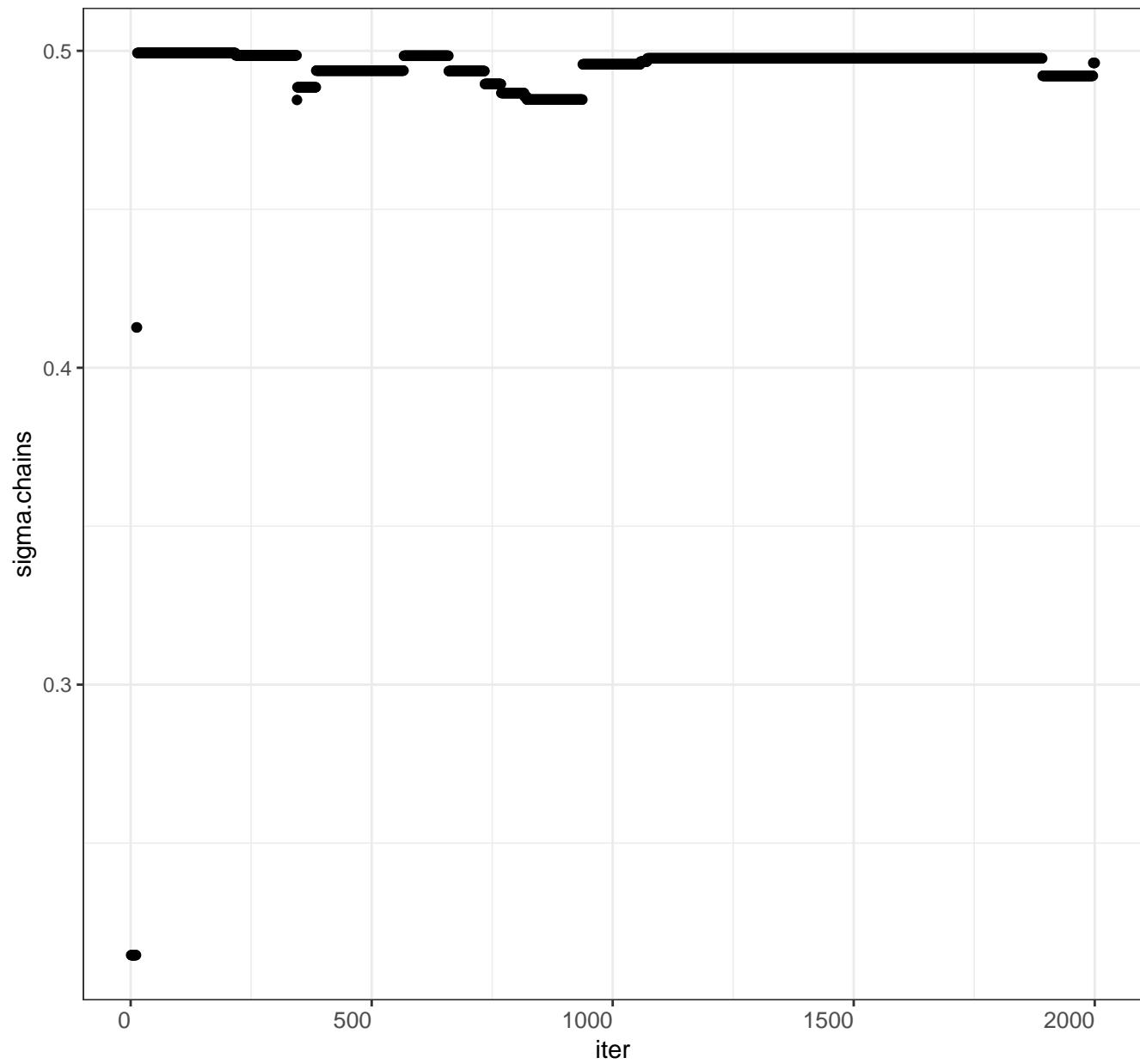


Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=20 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=20 ,r=20 true gr K=4 ,type=4 ,N=204

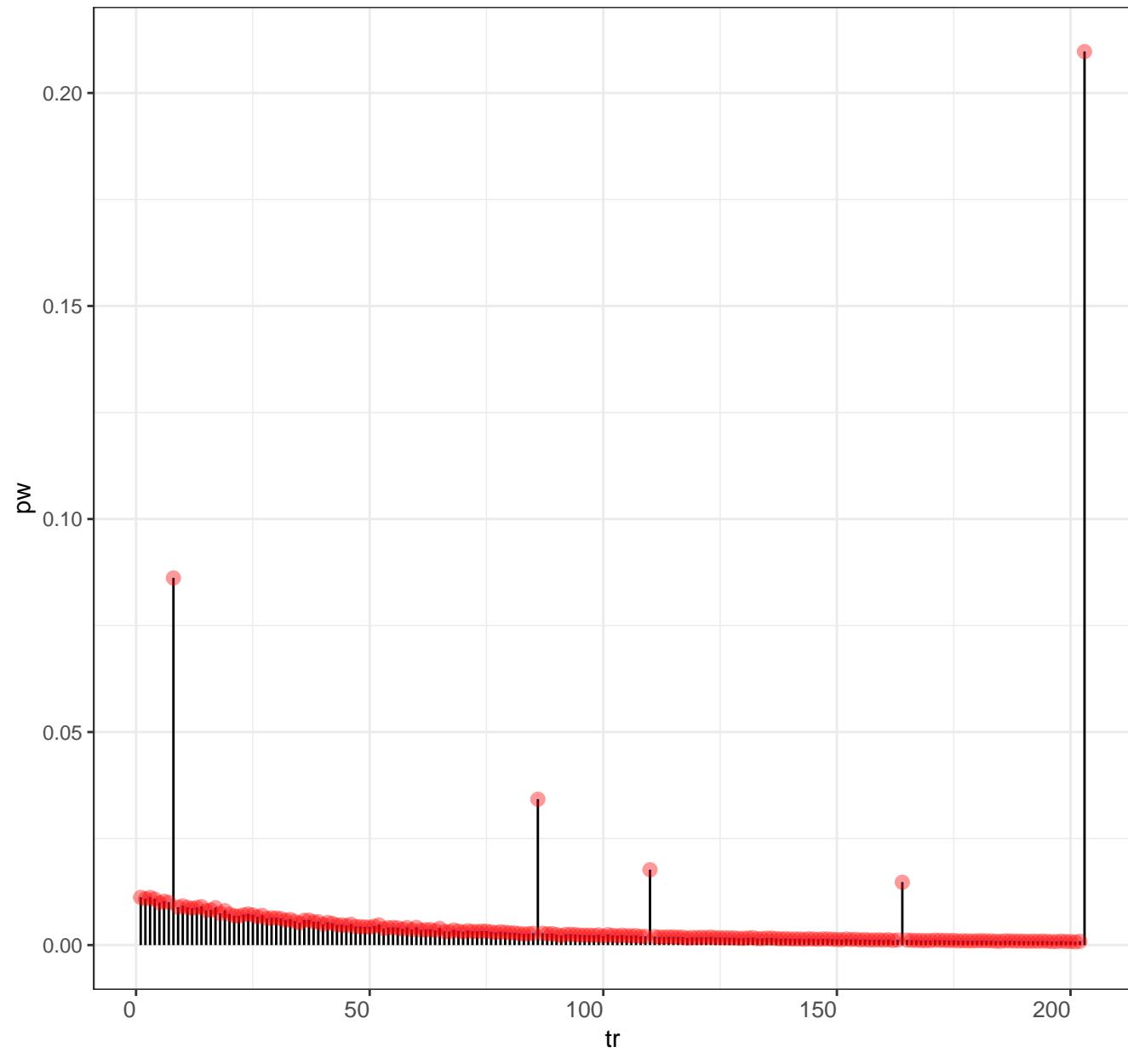


Trace plot for the sigma for S=20 r=20 true K=4 type=4

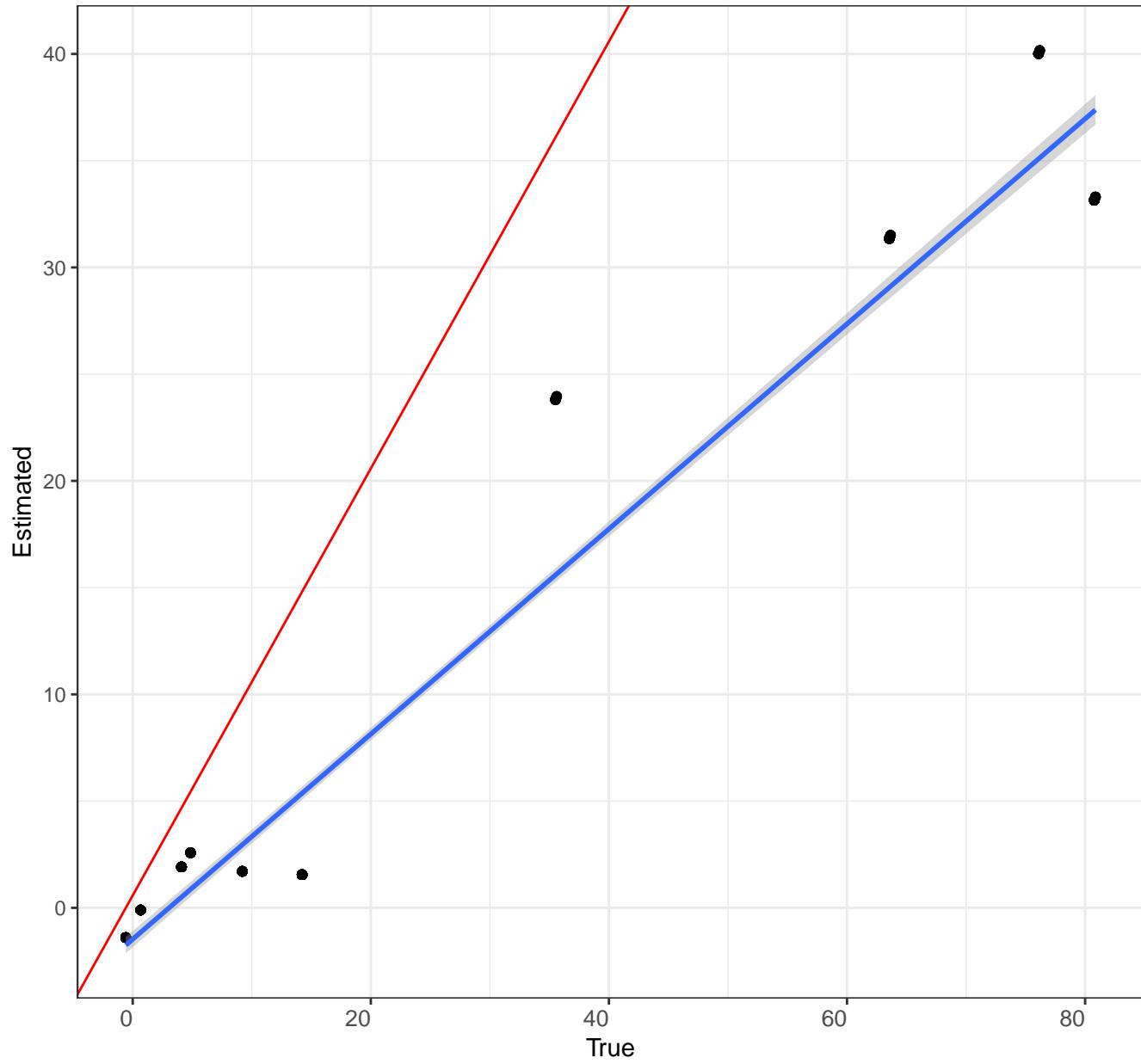


Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=20 ,r=20 true gr K=4 ,type=4 ,N=204 pN=0.21

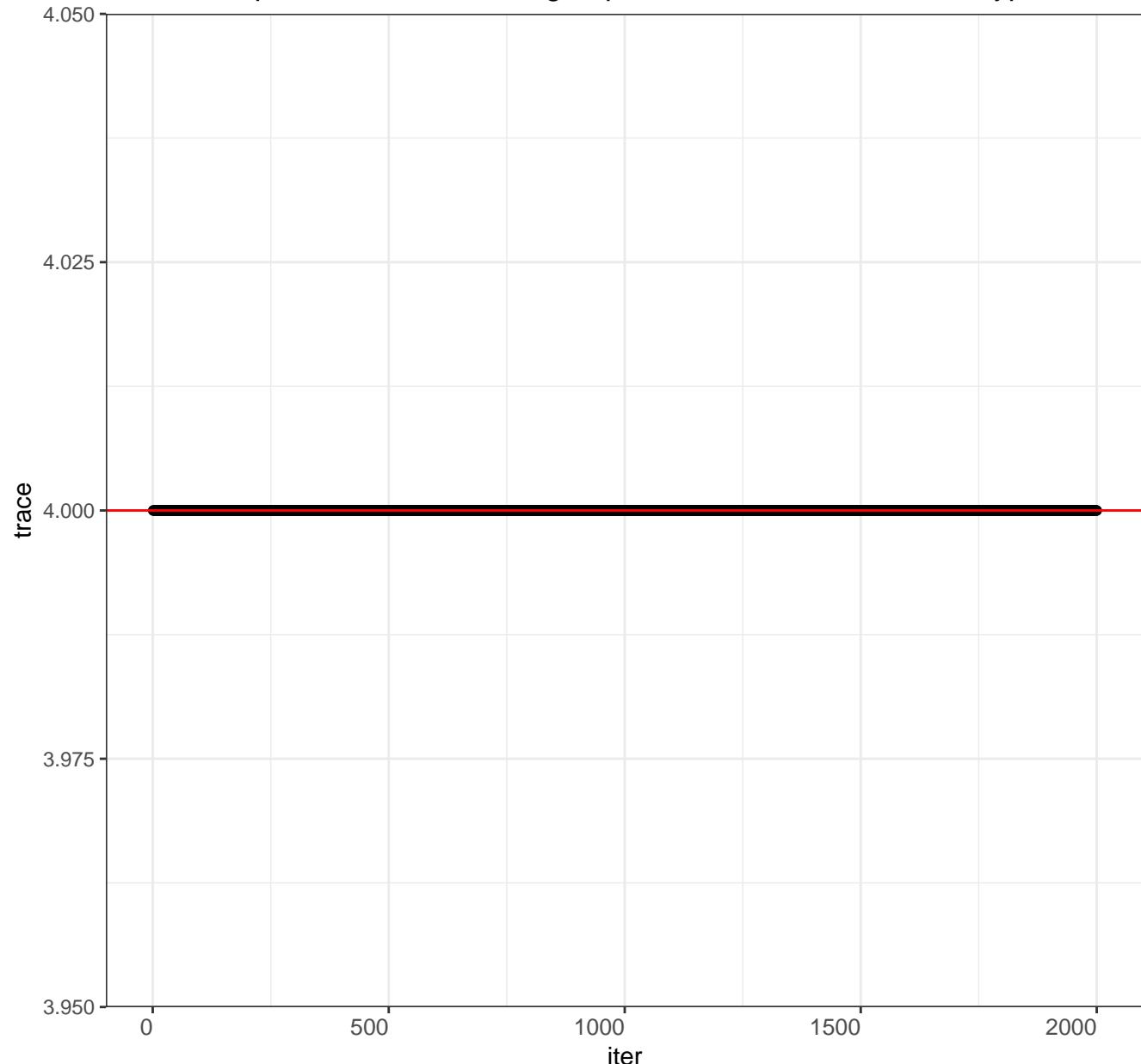


True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 r=20 true K=4 type=4

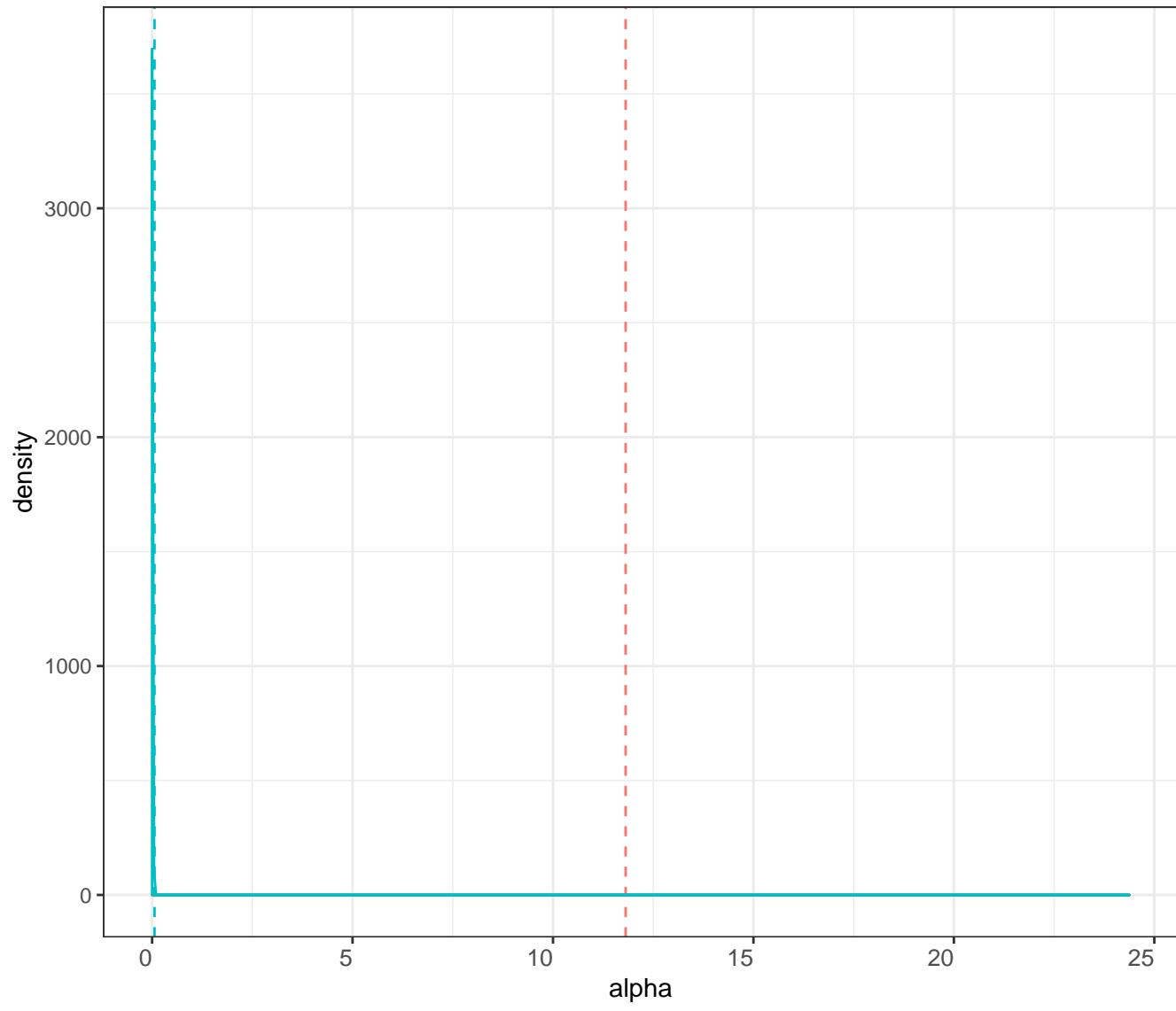
Trace plot for the number of groups K for S=20 r=20 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=20 ,r=20 true gr K=4 ,type=4 ,N=204

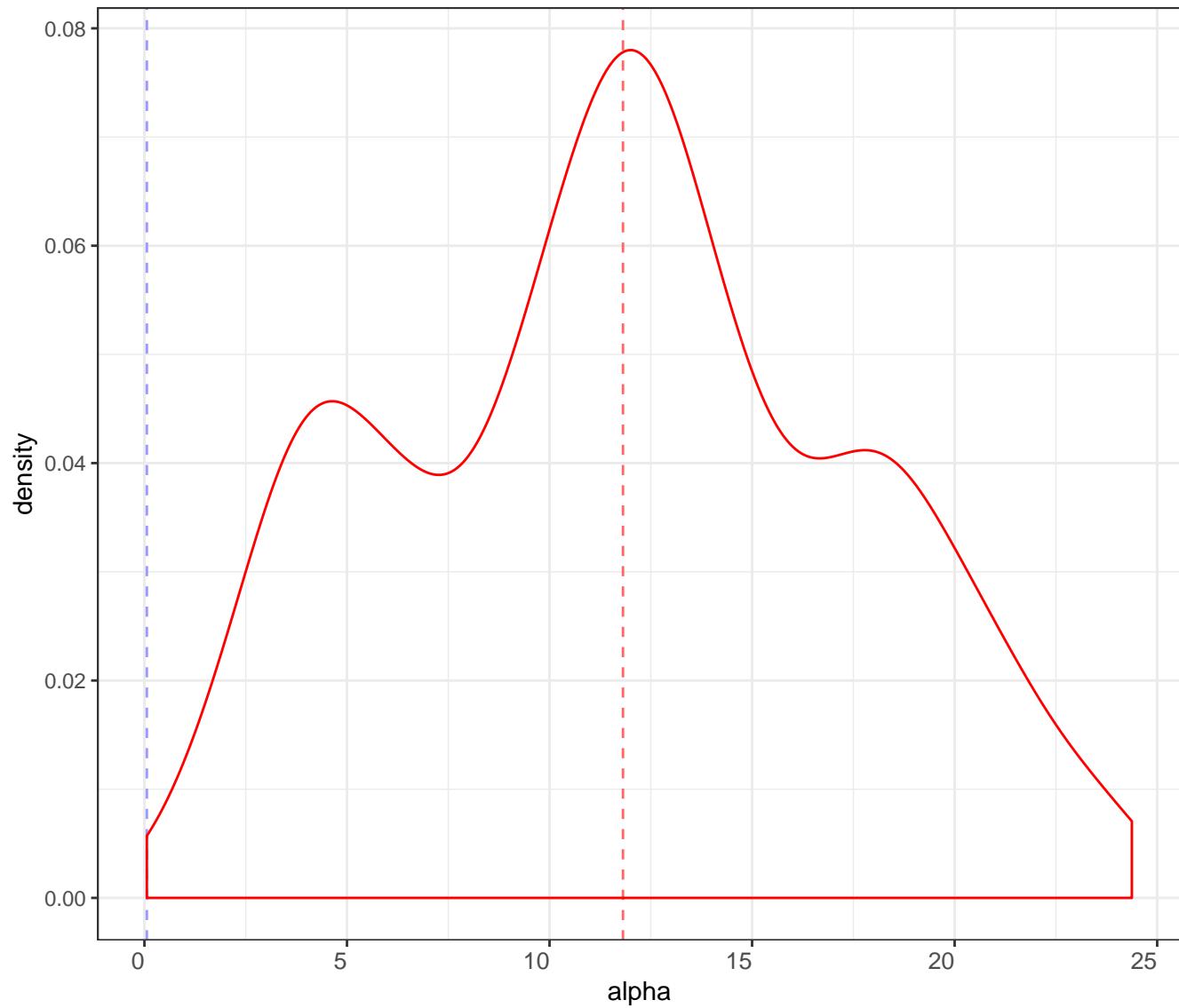
type  posterior  prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

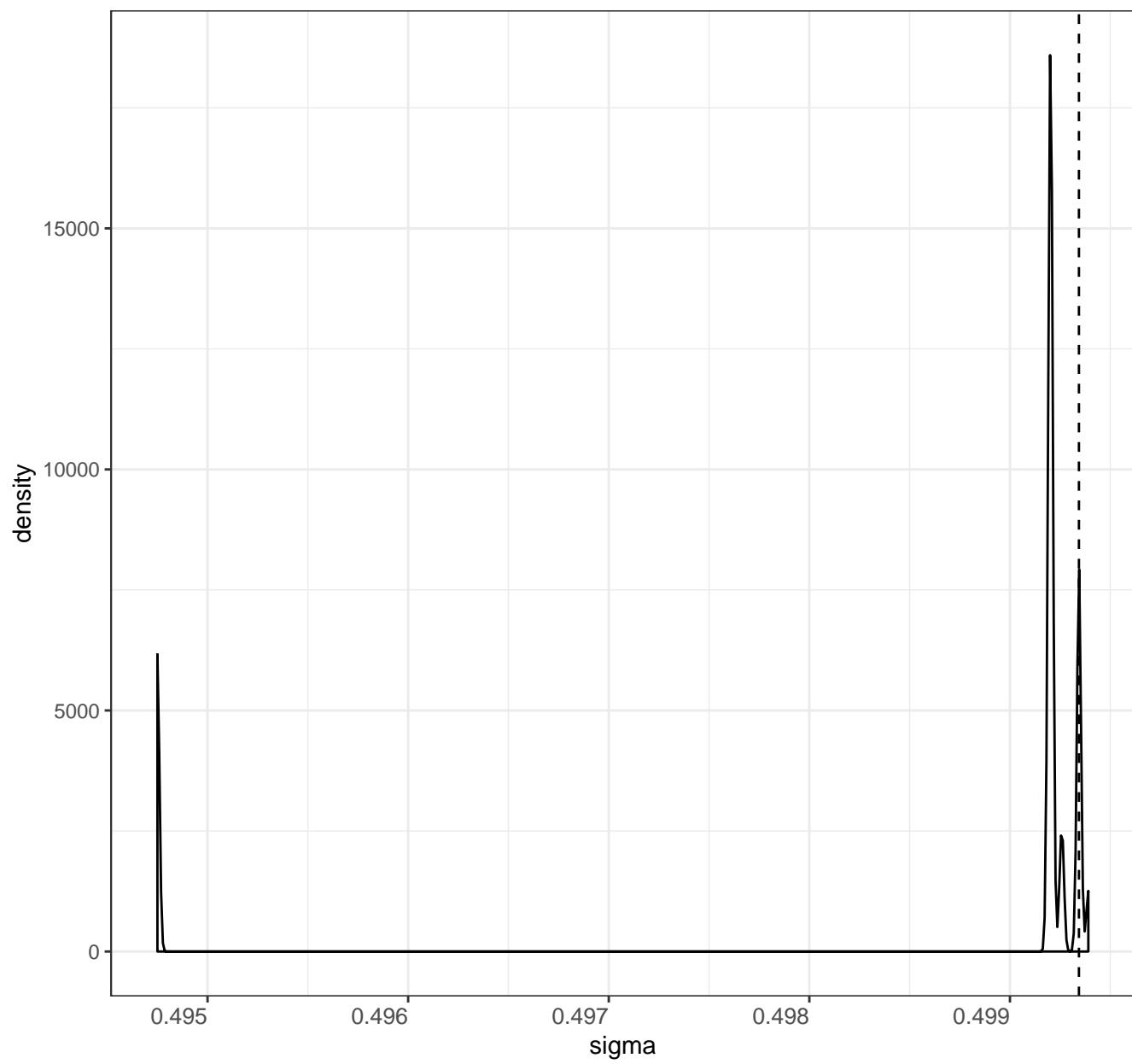
Posterior distribution for alpha

Legend | posterior mean | prior mean

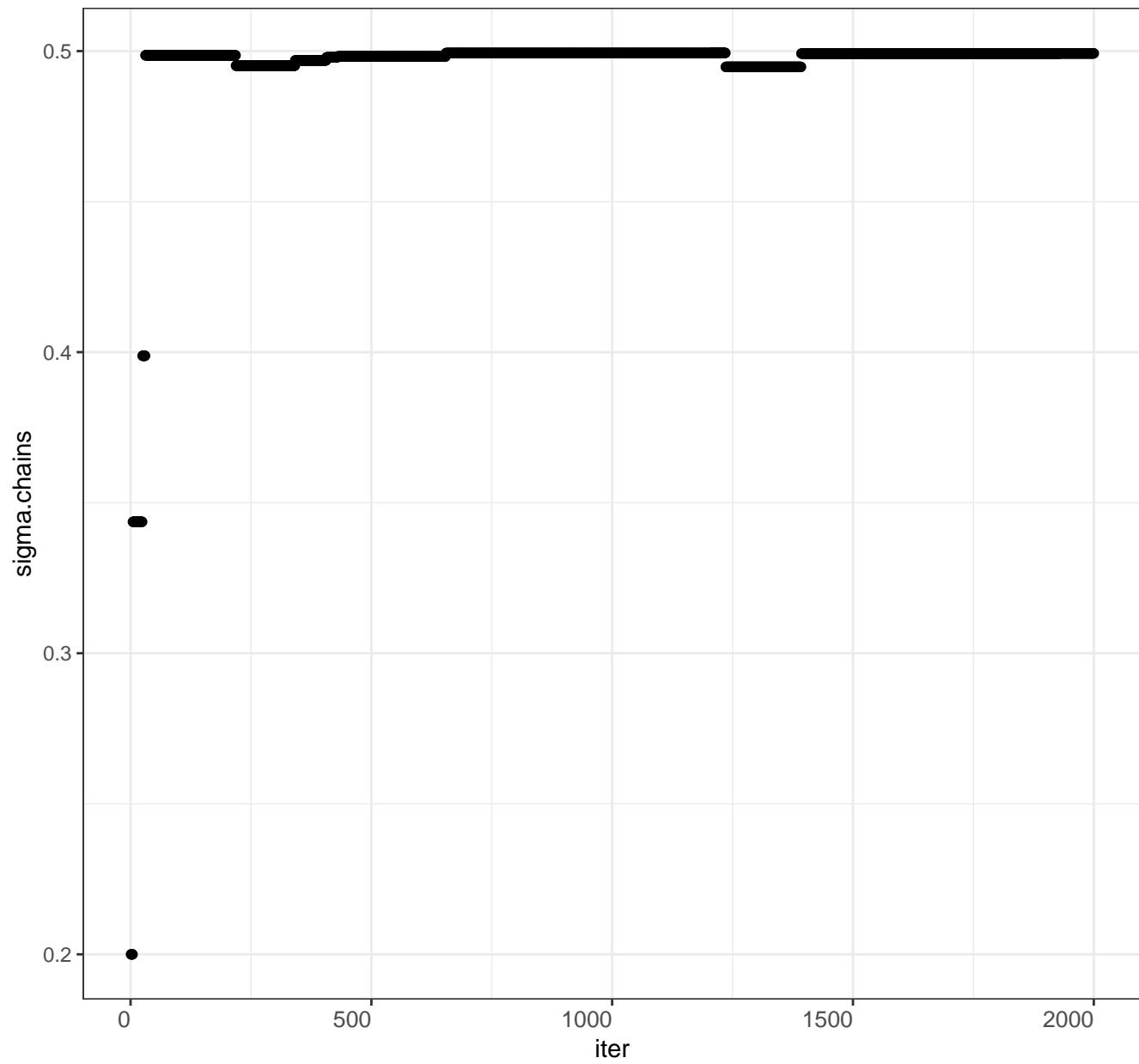


Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=20 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=20 ,r=20 true gr K=4 ,type=4 ,N=204

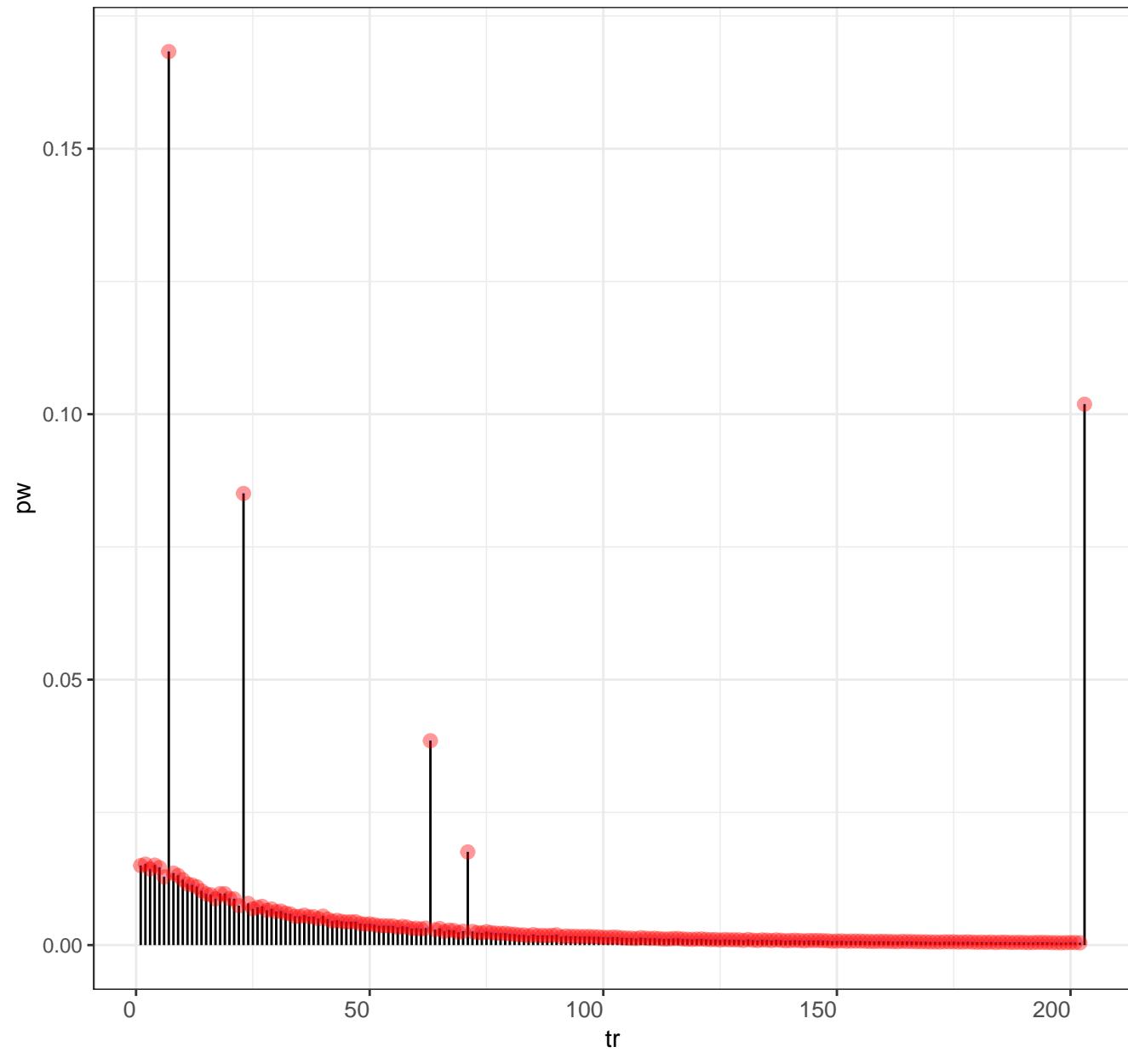


Trace plot for the sigma for S=20 r=20 true K=4 type=4

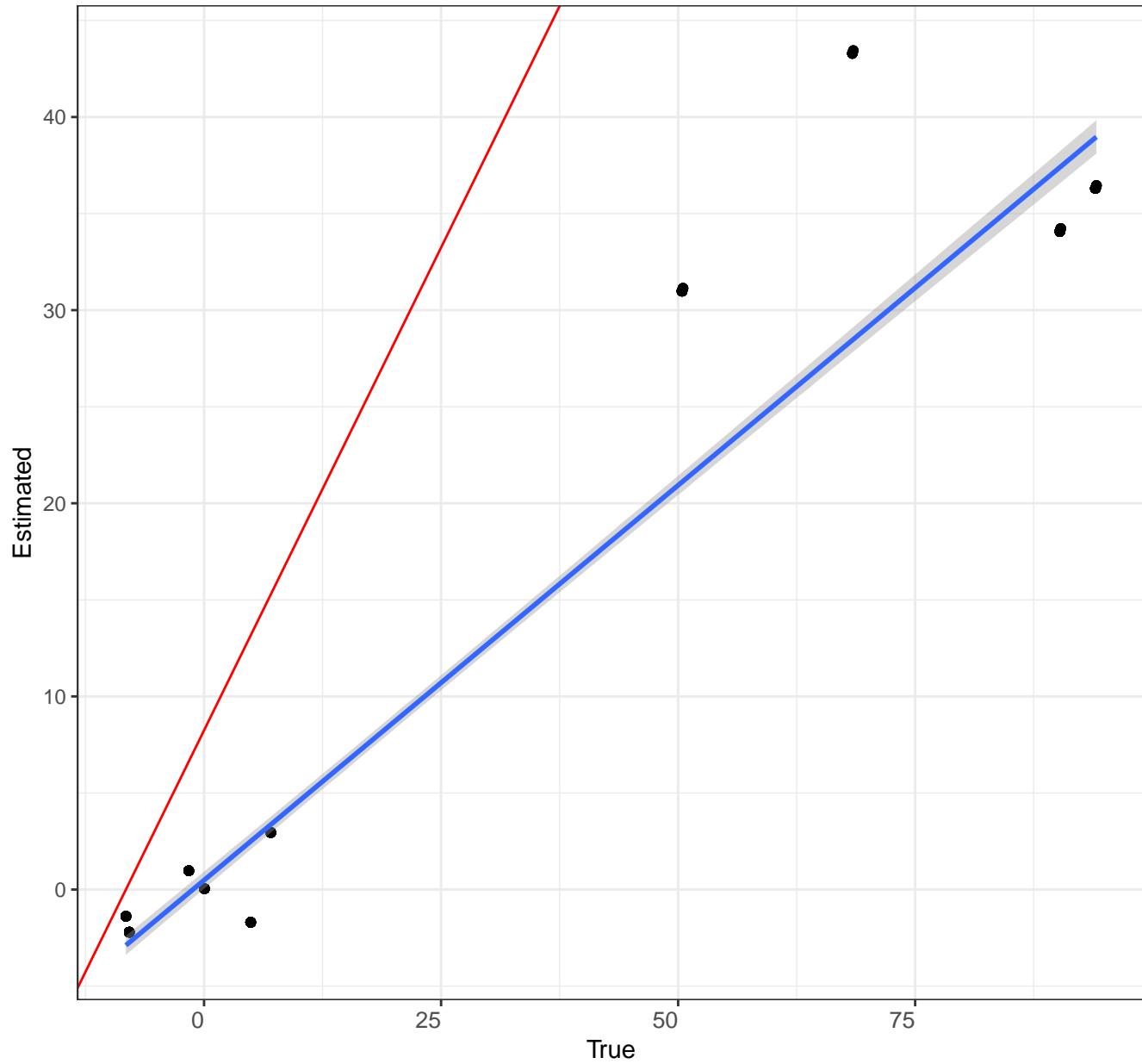


Number of iterations: 2000 burnin: 1000 number of samples: 500

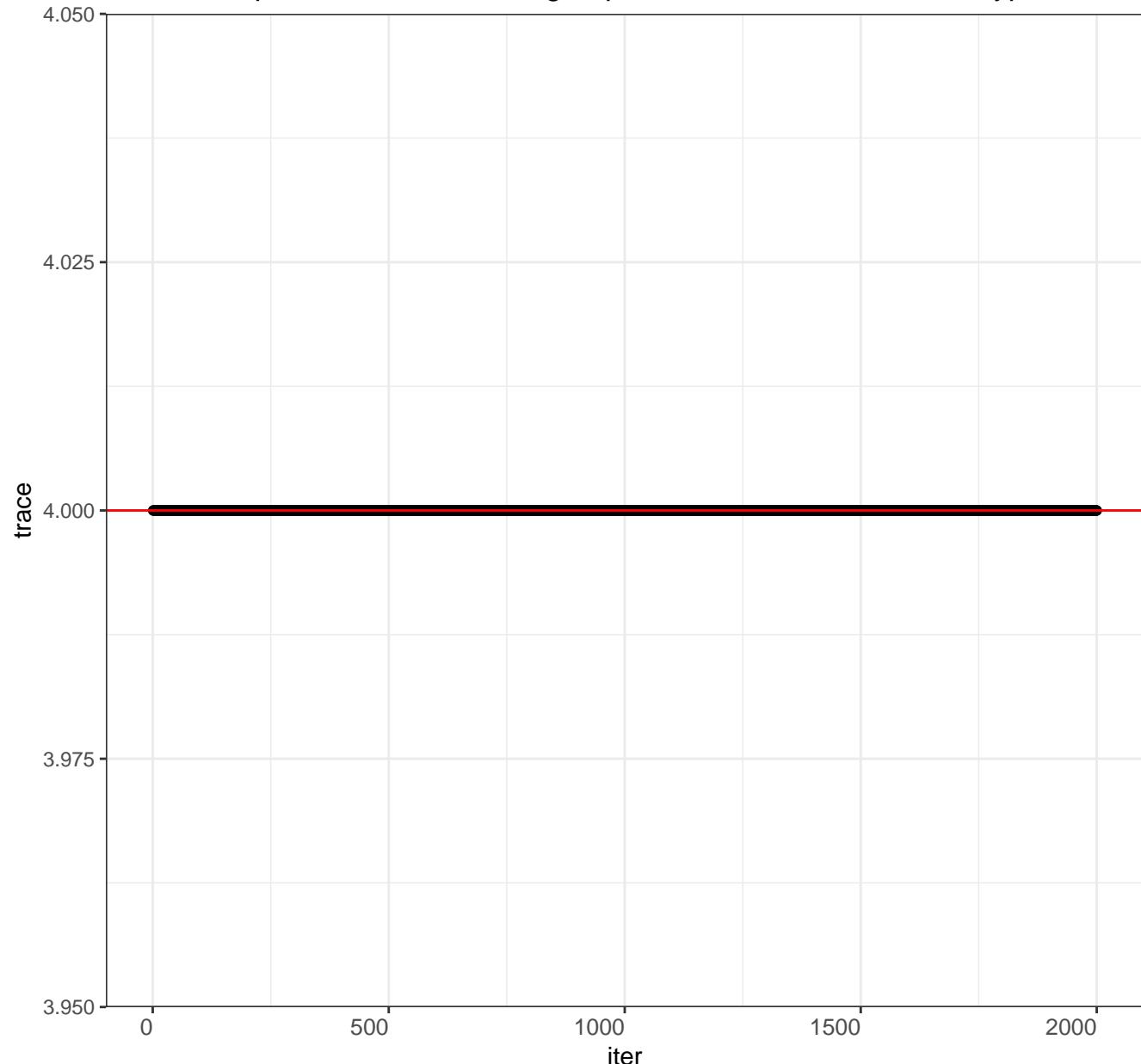
Weights for the case: S=20 ,r=20 true gr K=4 ,type=4 ,N=204 pN=0.102



True vs estimated covariance parameters



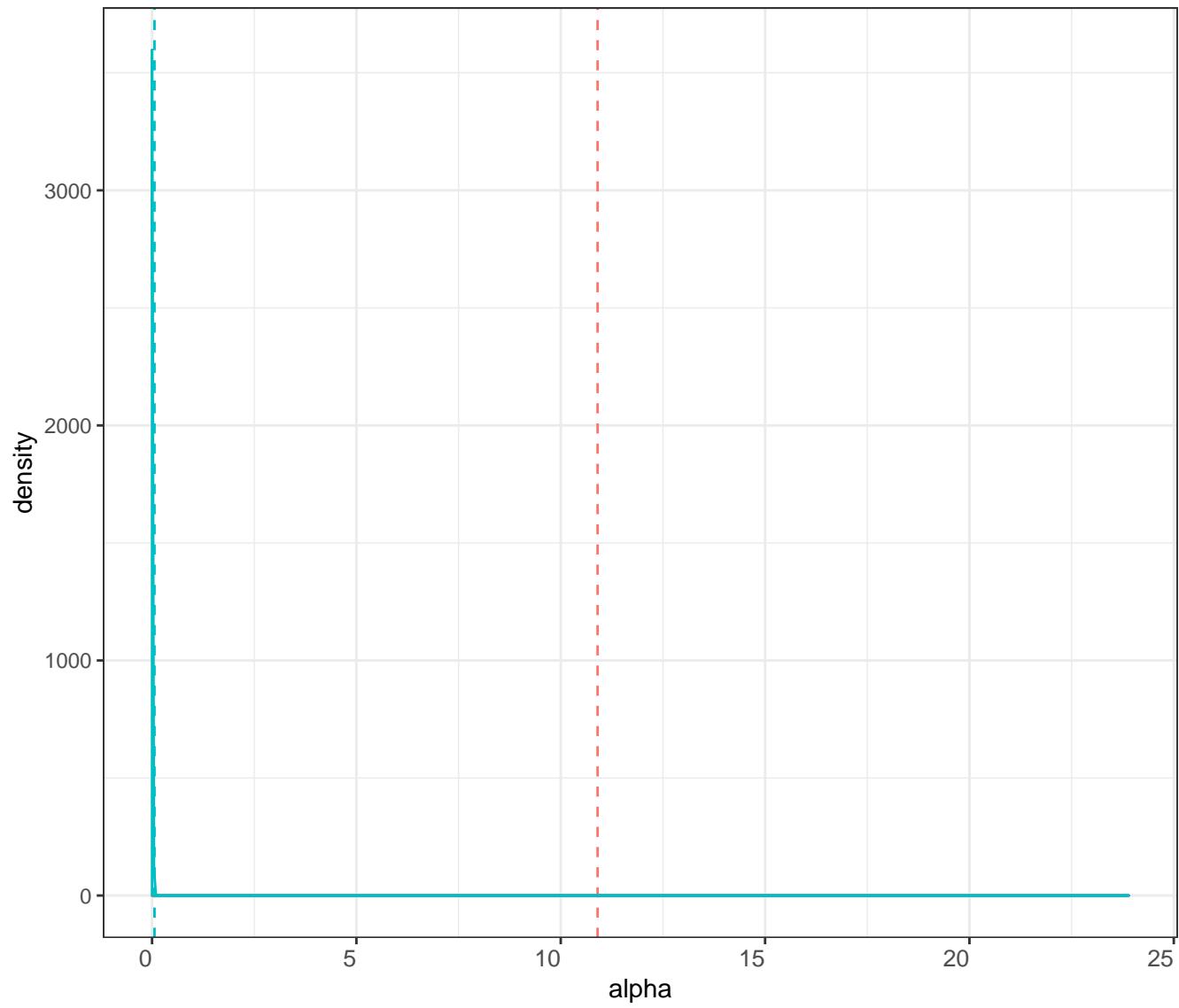
Trace plot for the number of groups K for S=20 r=20 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=20 ,r=20 true gr K=4 ,type=4 ,N=204

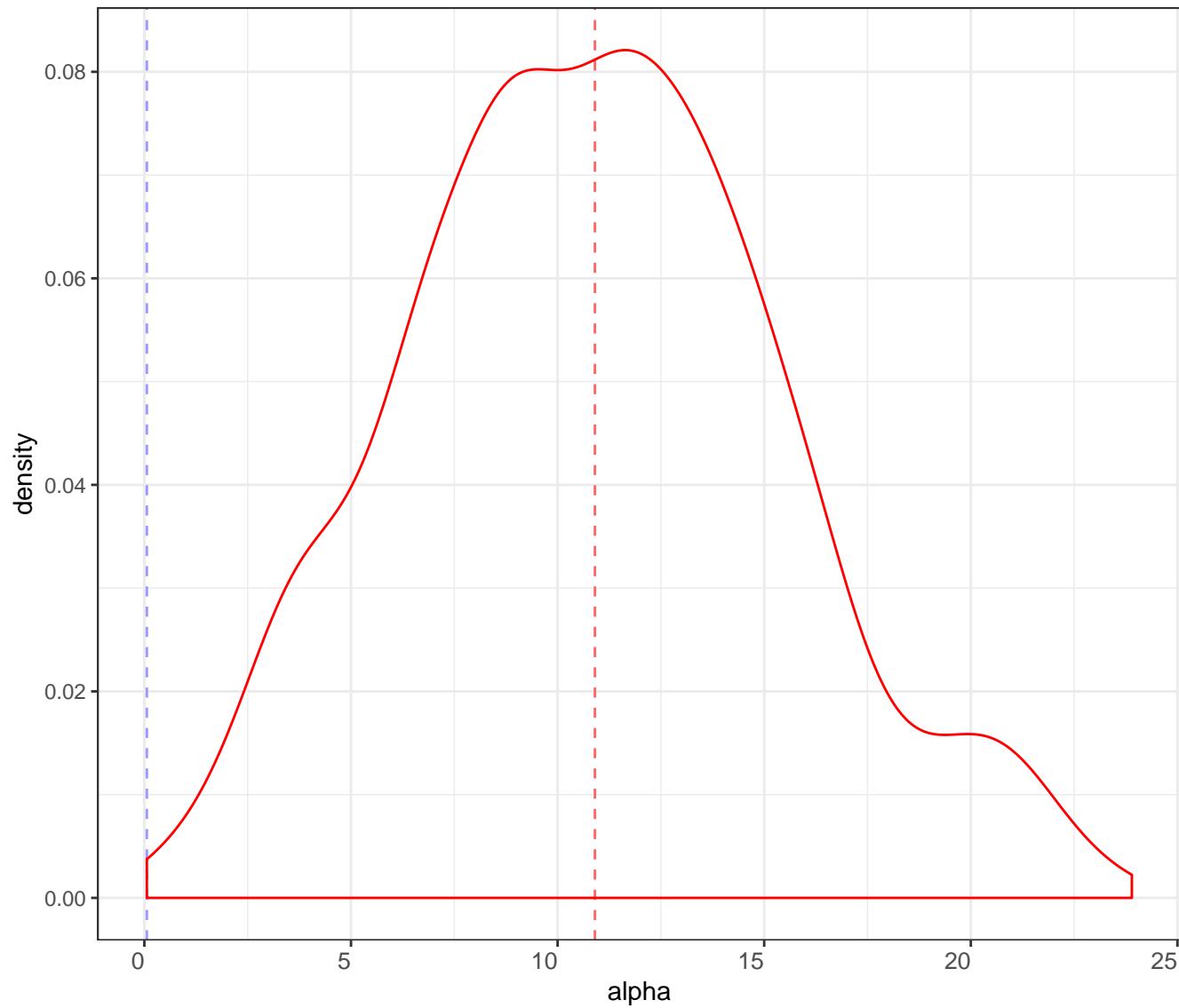
type  posterior  prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

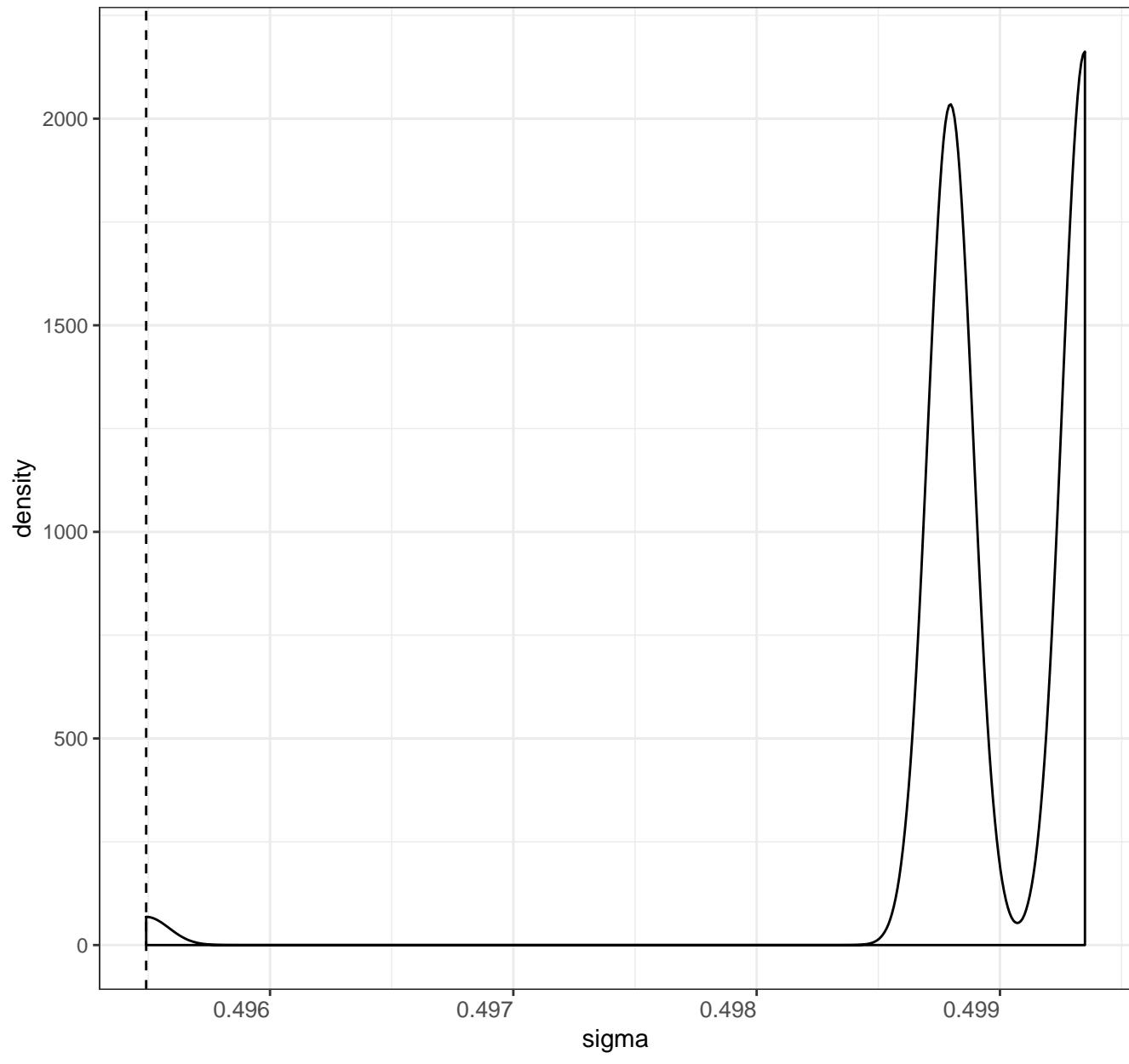
Posterior distribution for alpha

Legend | posterior mean | prior mean

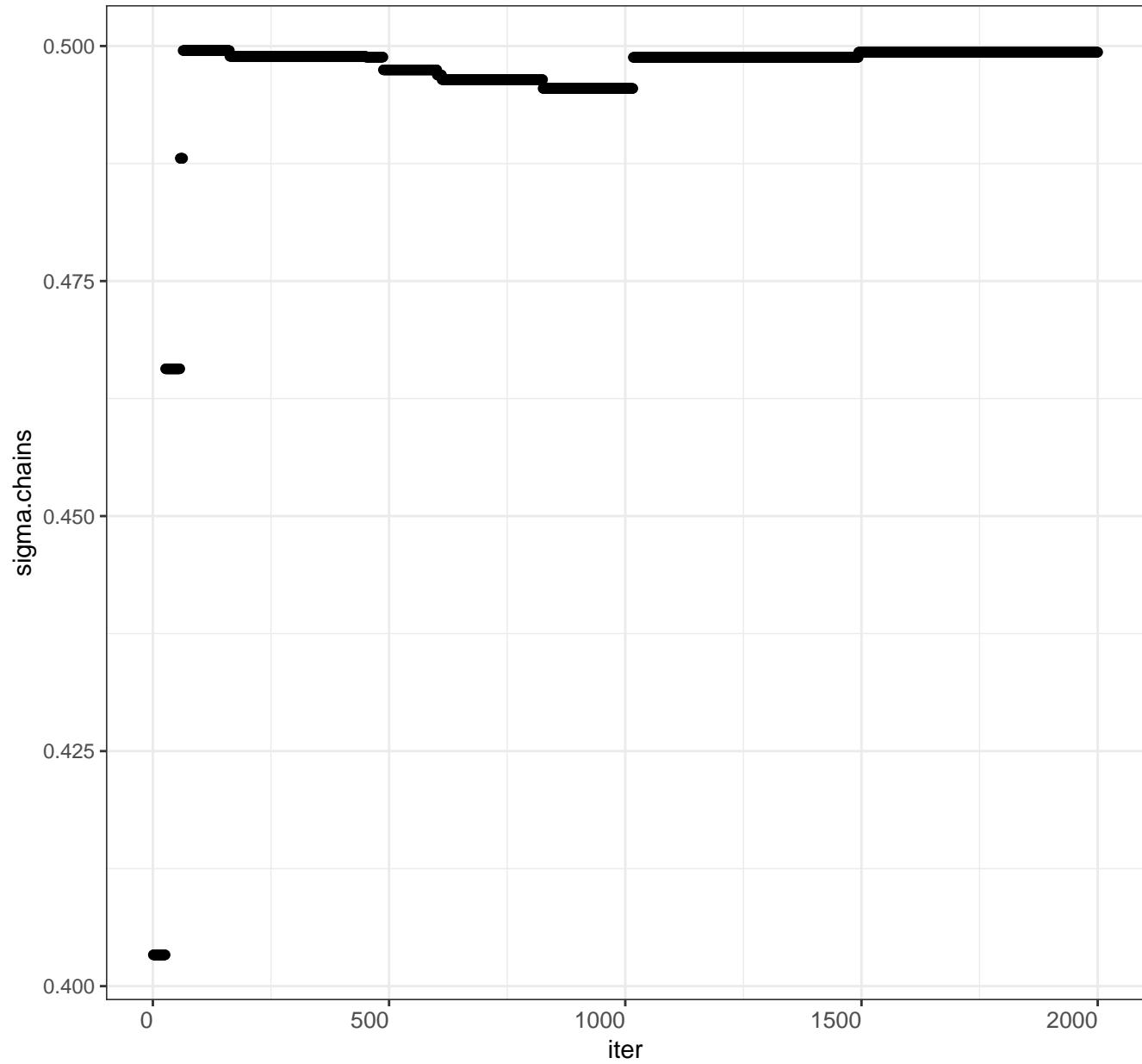


Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=20 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=20 ,r=20 true gr K=4 ,type=4 ,N=204

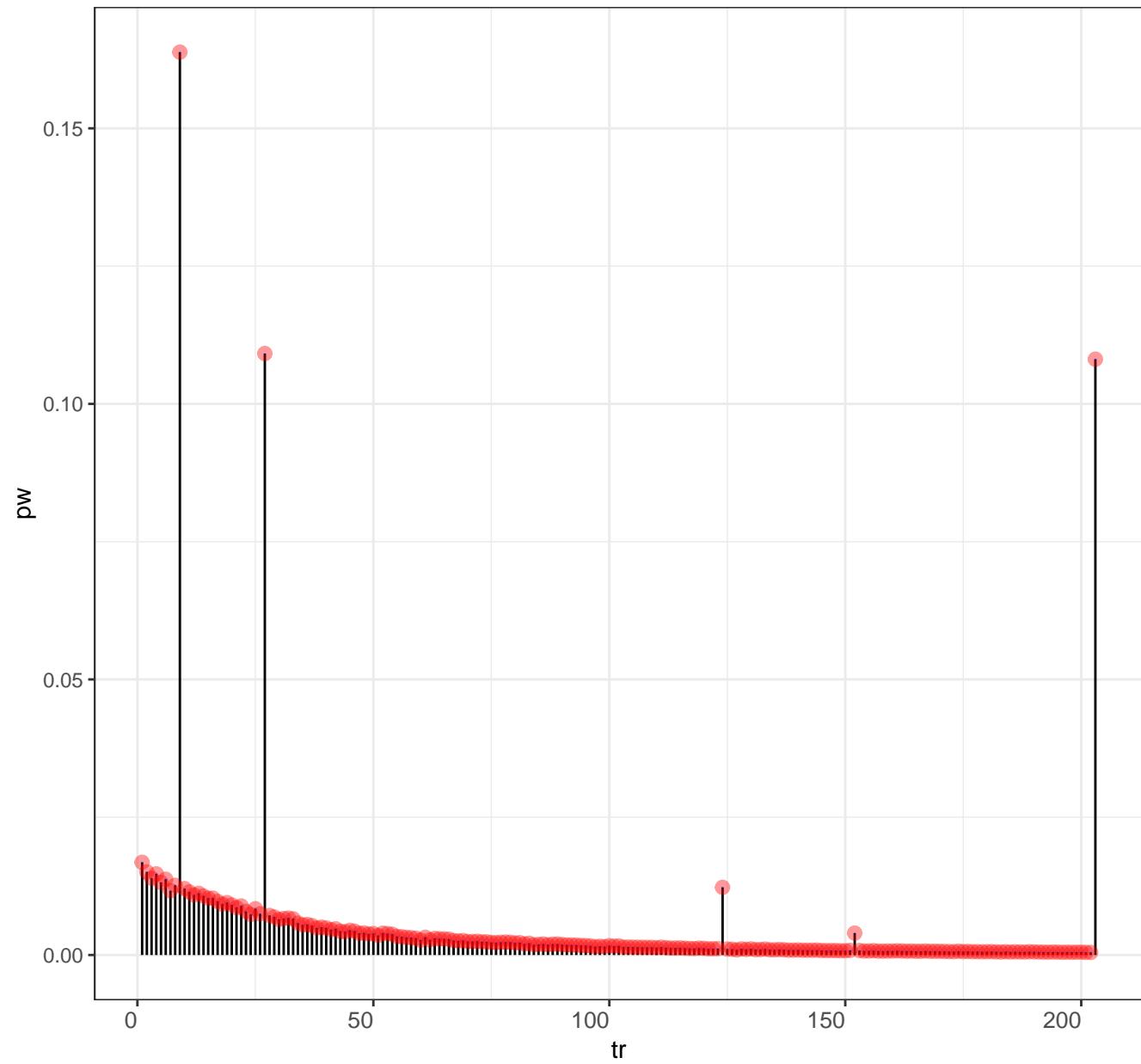


Trace plot for the sigma for S=20 r=20 true K=4 type=4

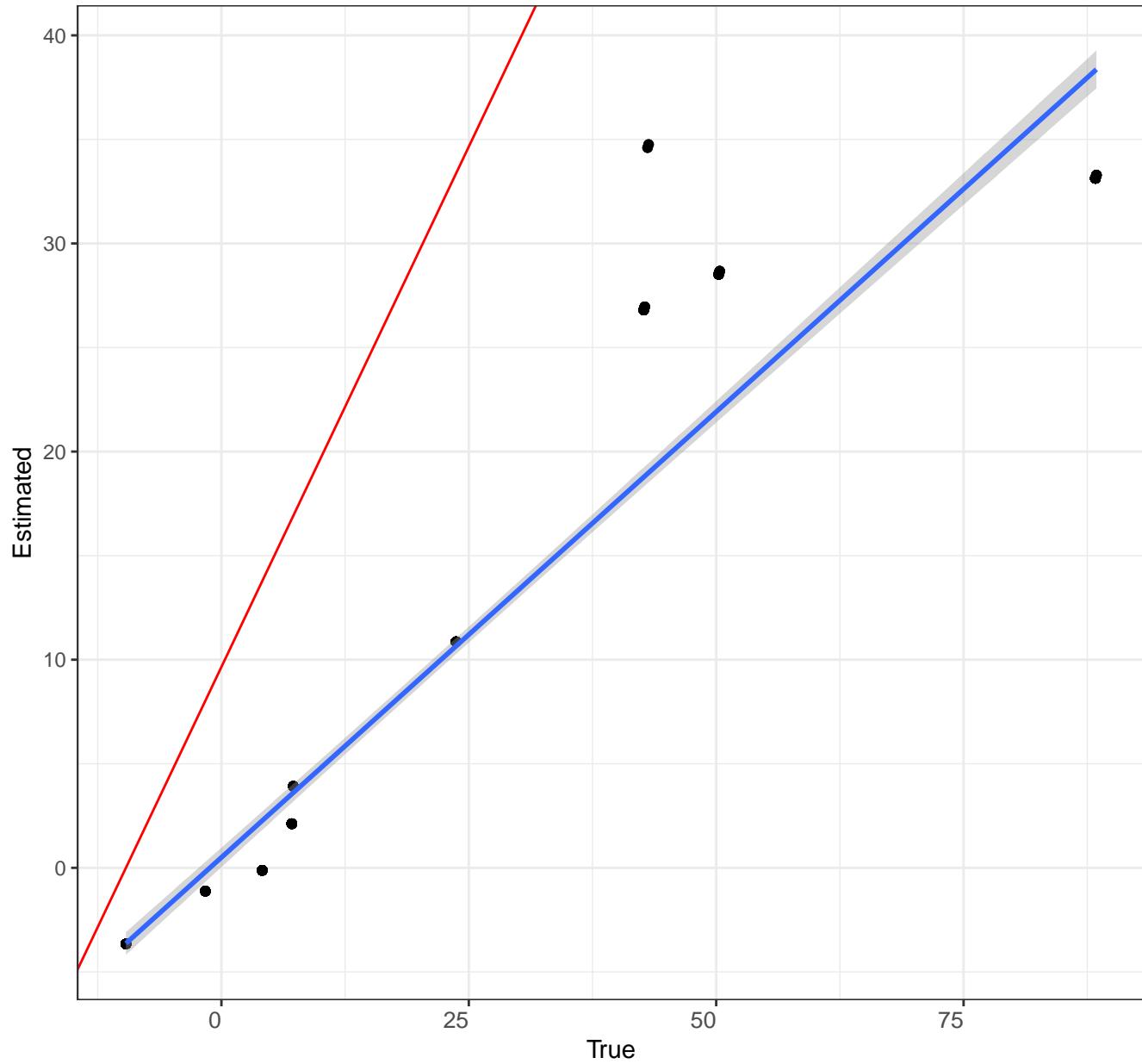


Number of iterations: 2000 burnin: 1000 number of samples: 500

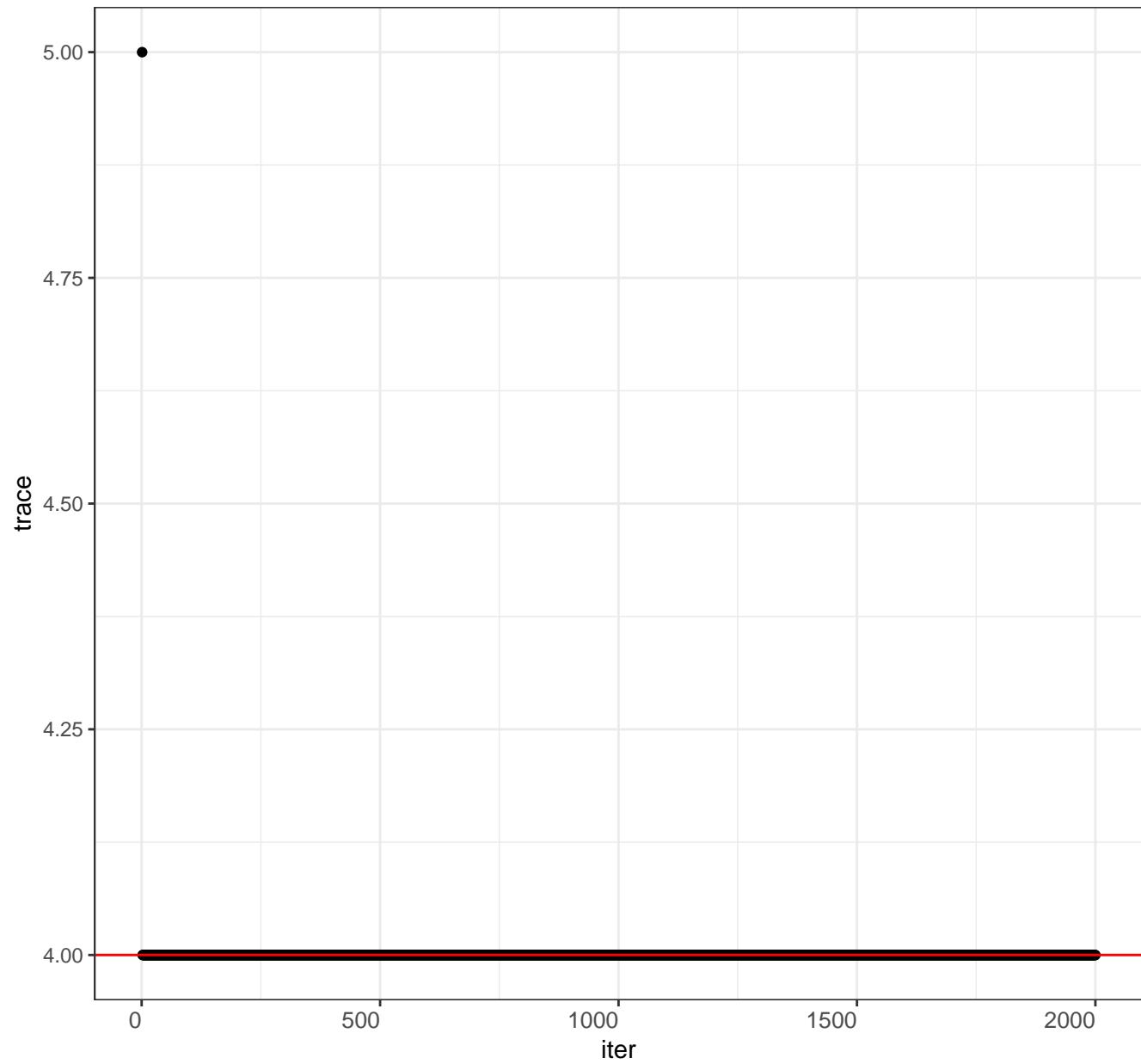
Weights for the case: S=20 ,r=20 true gr K=4 ,type=4 ,N=204 pN=0.108



True vs estimated covariance parameters



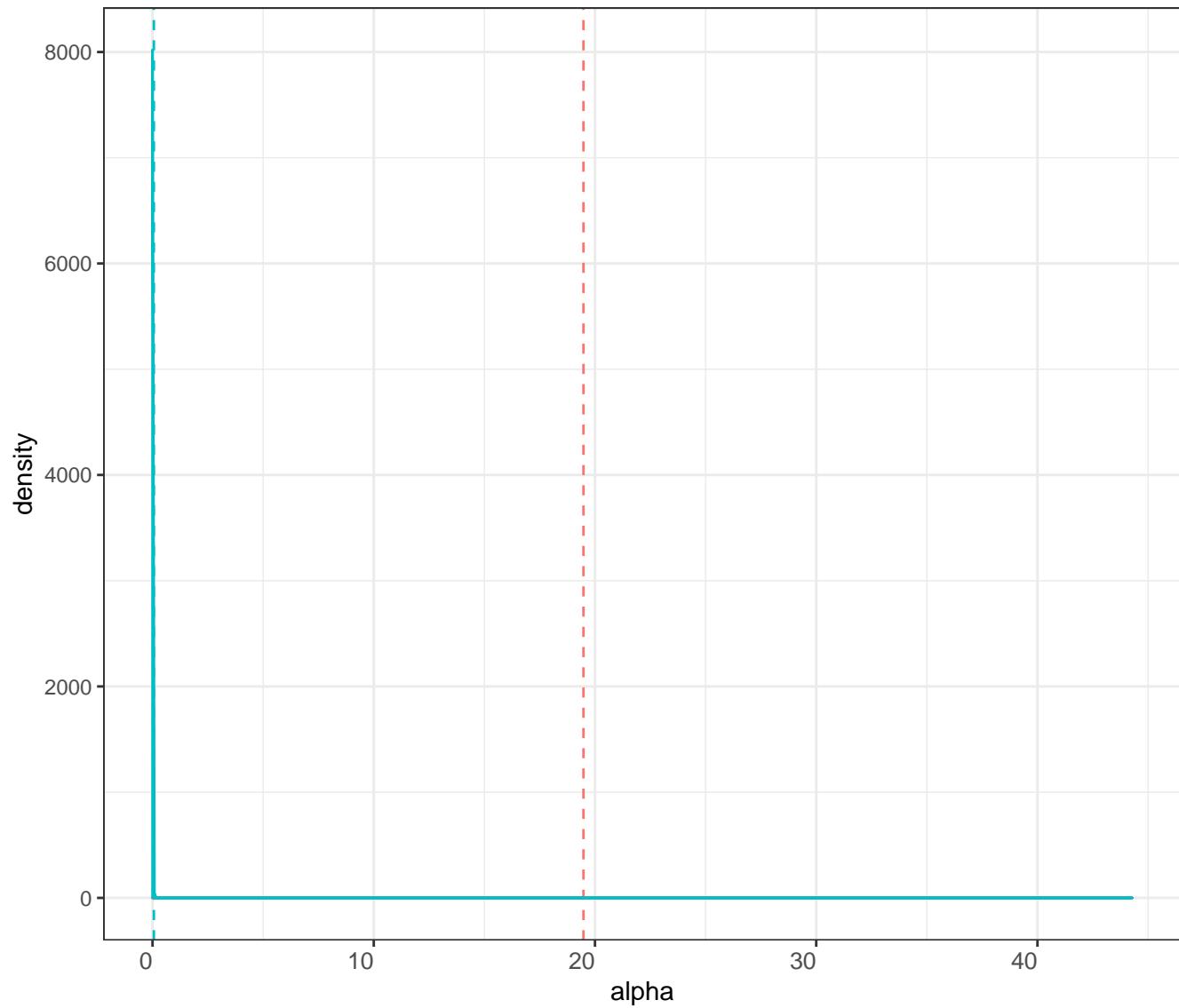
Trace plot for the number of groups K for S=20 r=20 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=20 ,r=20 true gr K=4 ,type=4 ,N=204

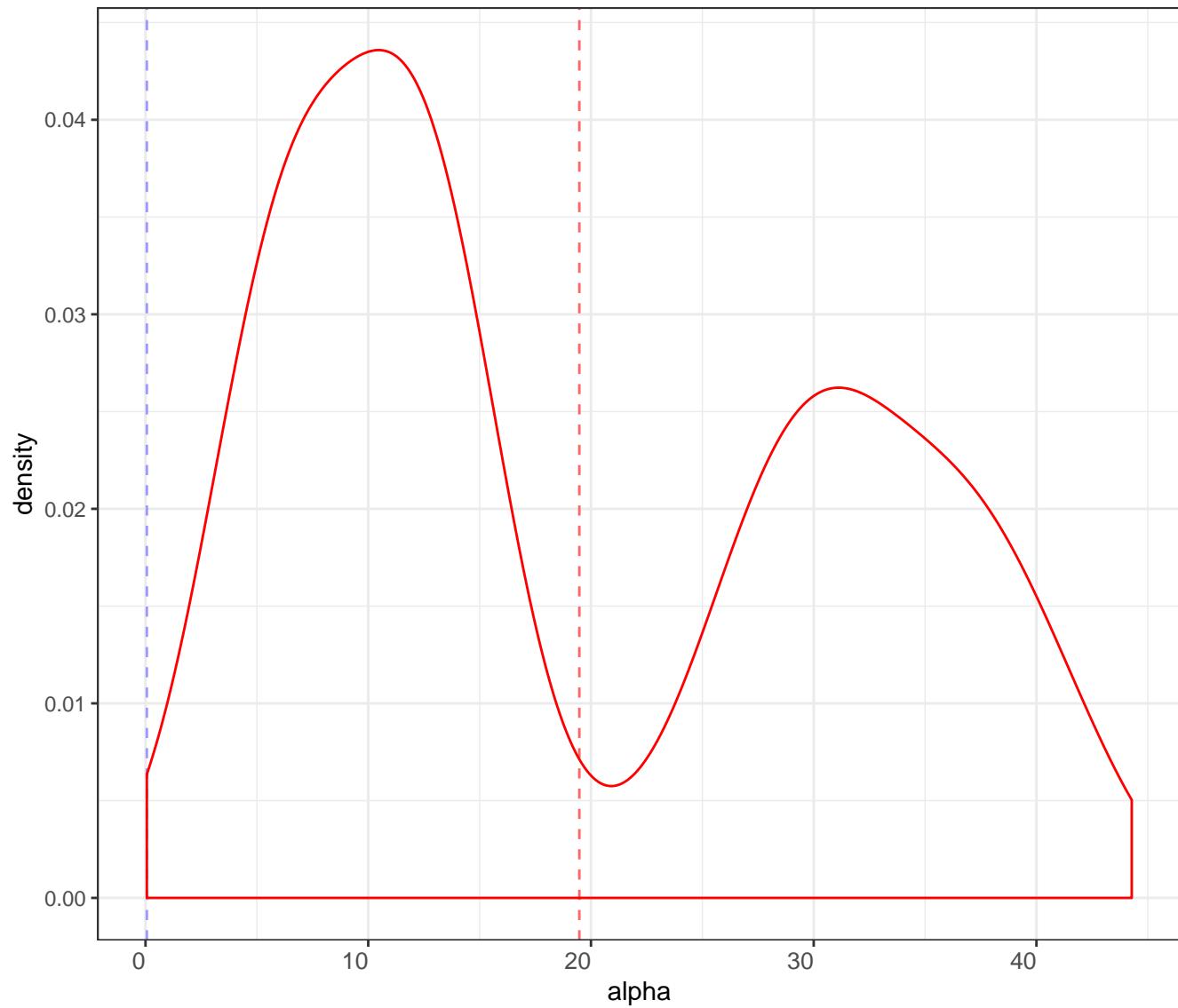
type  posterior  prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

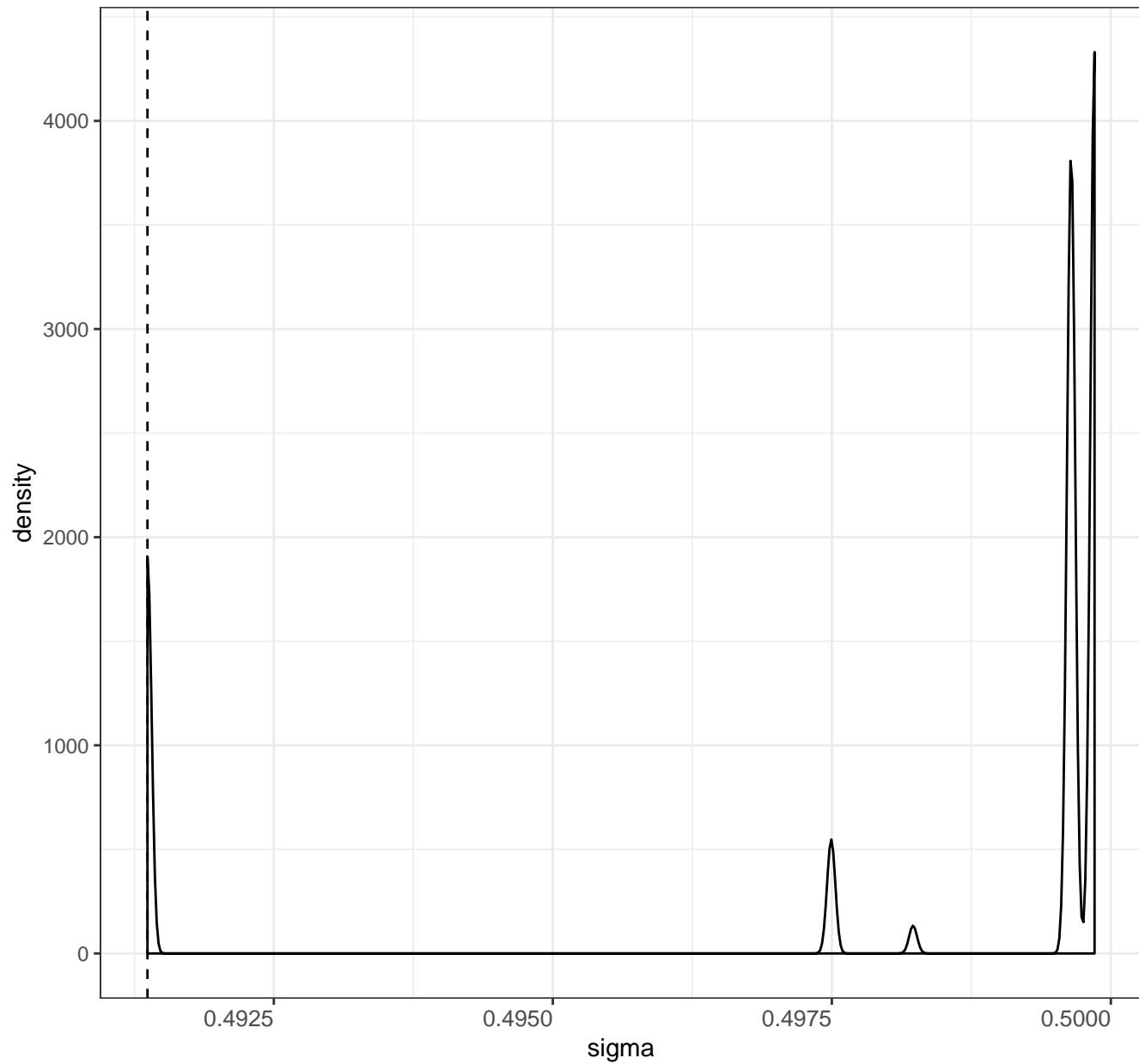
Posterior distribution for alpha

Legend | posterior mean | prior mean



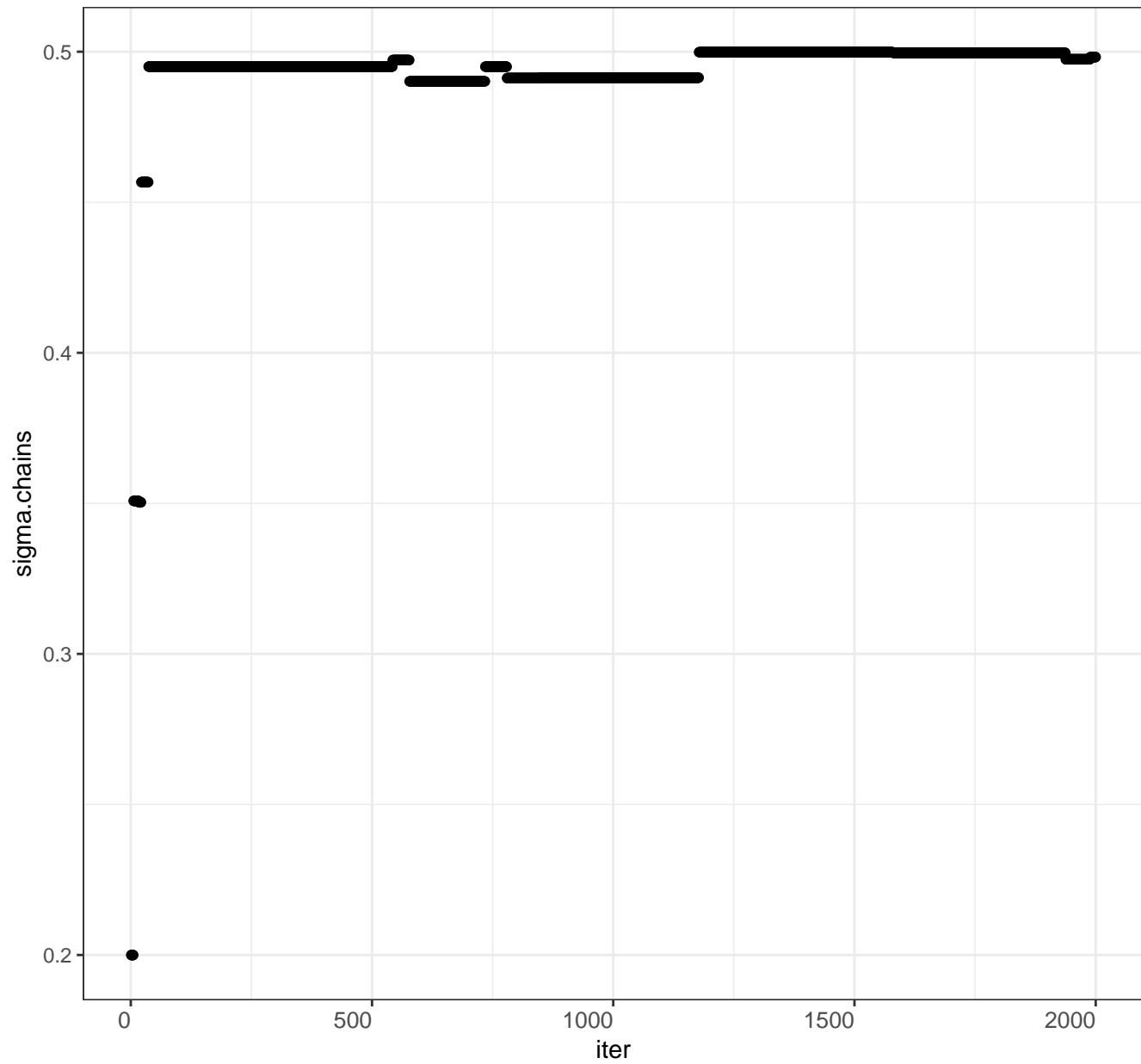
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=20 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=20 ,r=20 true gr K=4 ,type=4 ,N=204



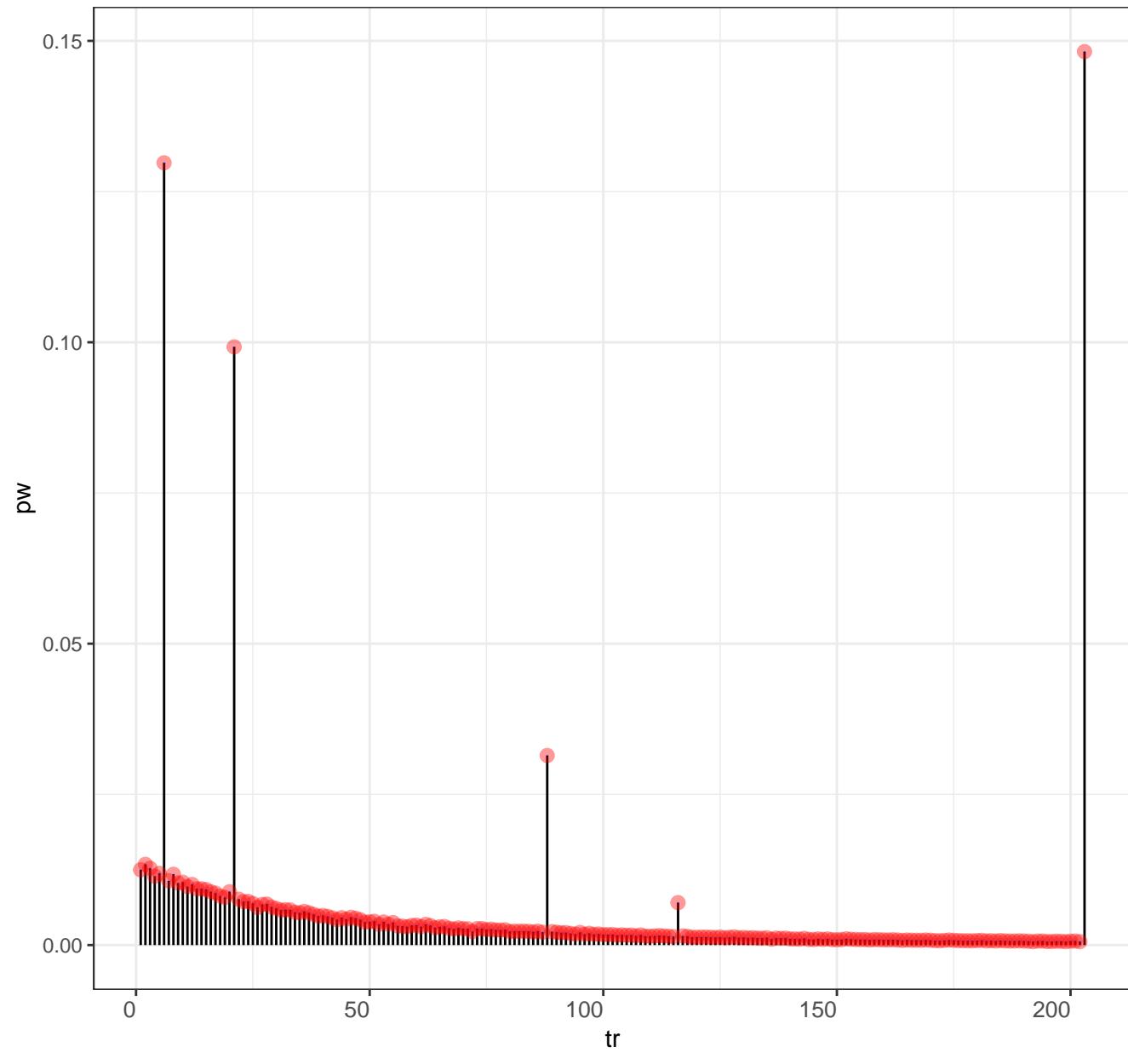
Number of iterations: 2000 burnin: 1000 number of samples: 500

Trace plot for the sigma for S=20 r=20 true K=4 type=4

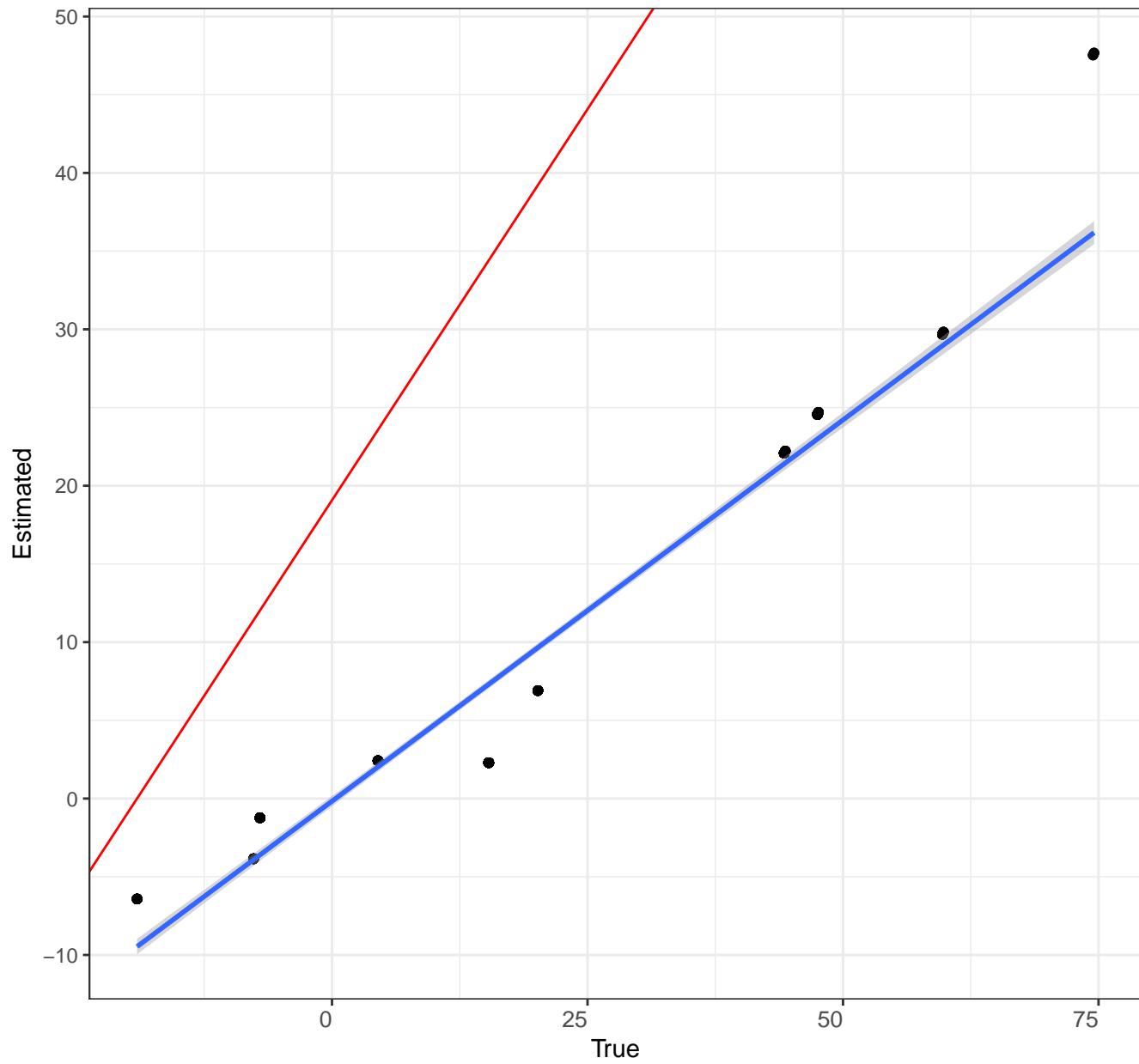


Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=20 ,r=20 true gr K=4 ,type=4 ,N=204 pN=0.148

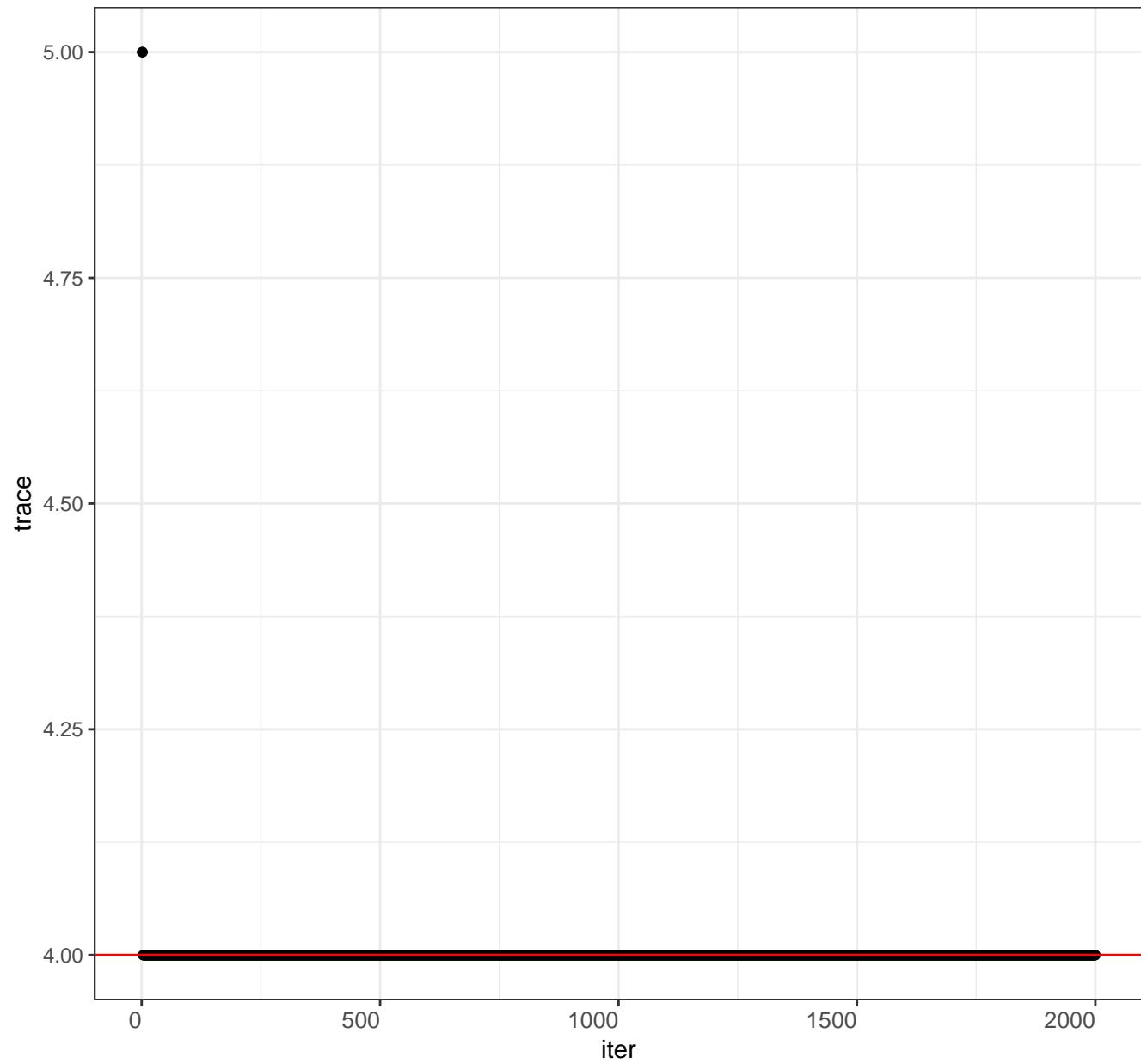


True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 r=20 true K=4 type=4

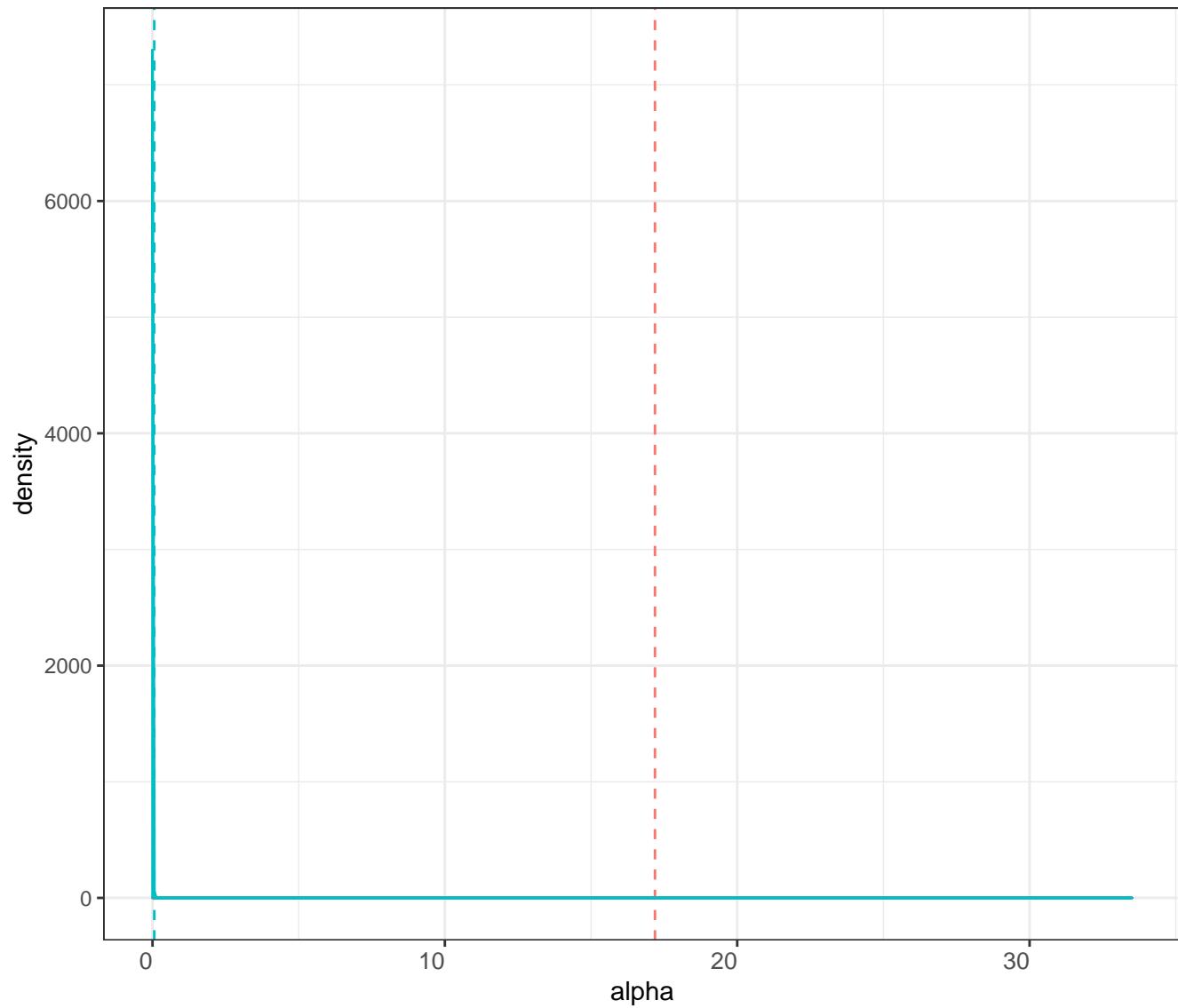
Trace plot for the number of groups K for S=20 r=20 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=20 ,r=20 true gr K=4 ,type=4 ,N=204

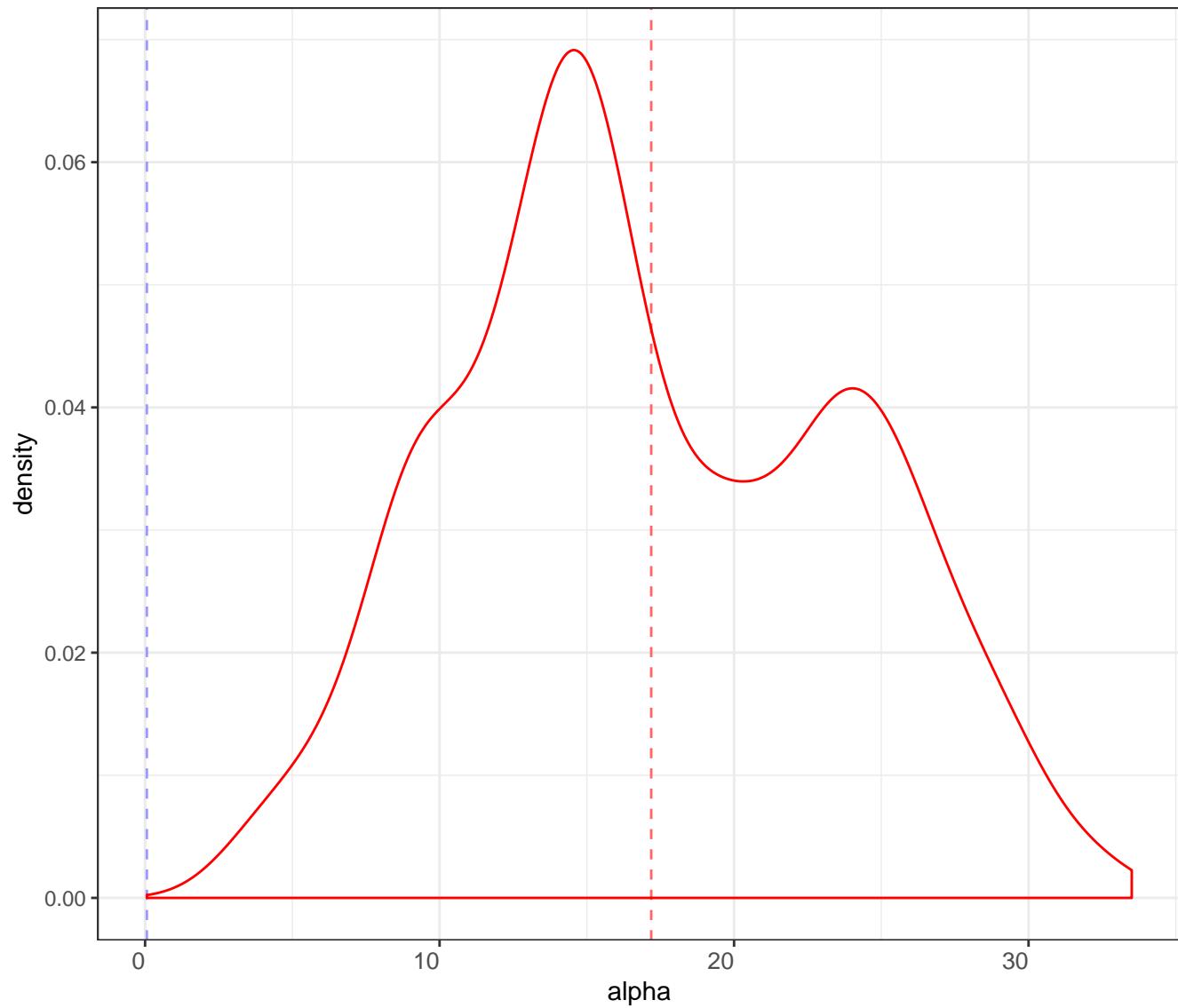
type  posterior  prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

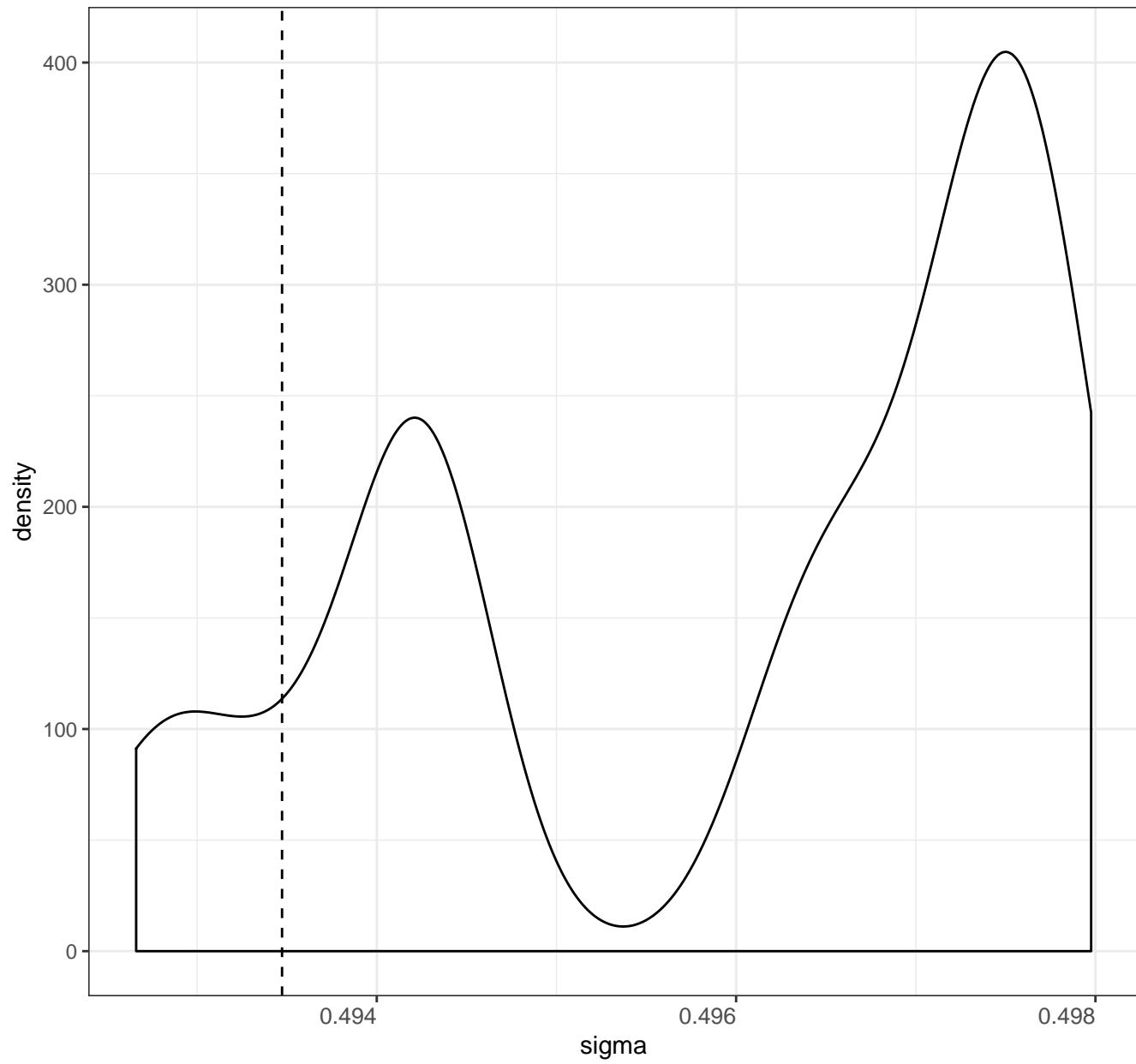
Posterior distribution for alpha

Legend | posterior mean | prior mean



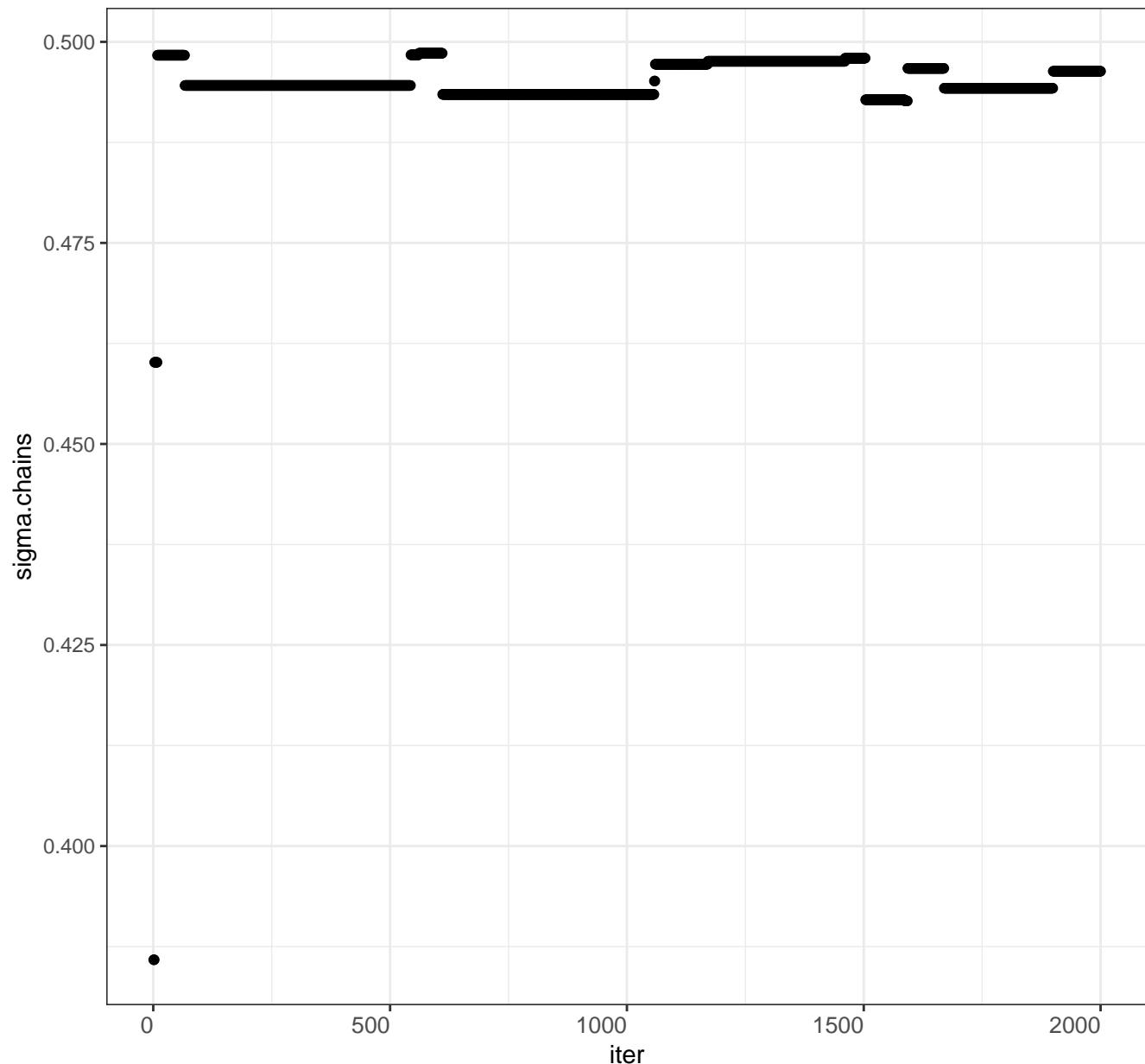
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=20 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=20 ,r=20 true gr K=4 ,type=4 ,N=204



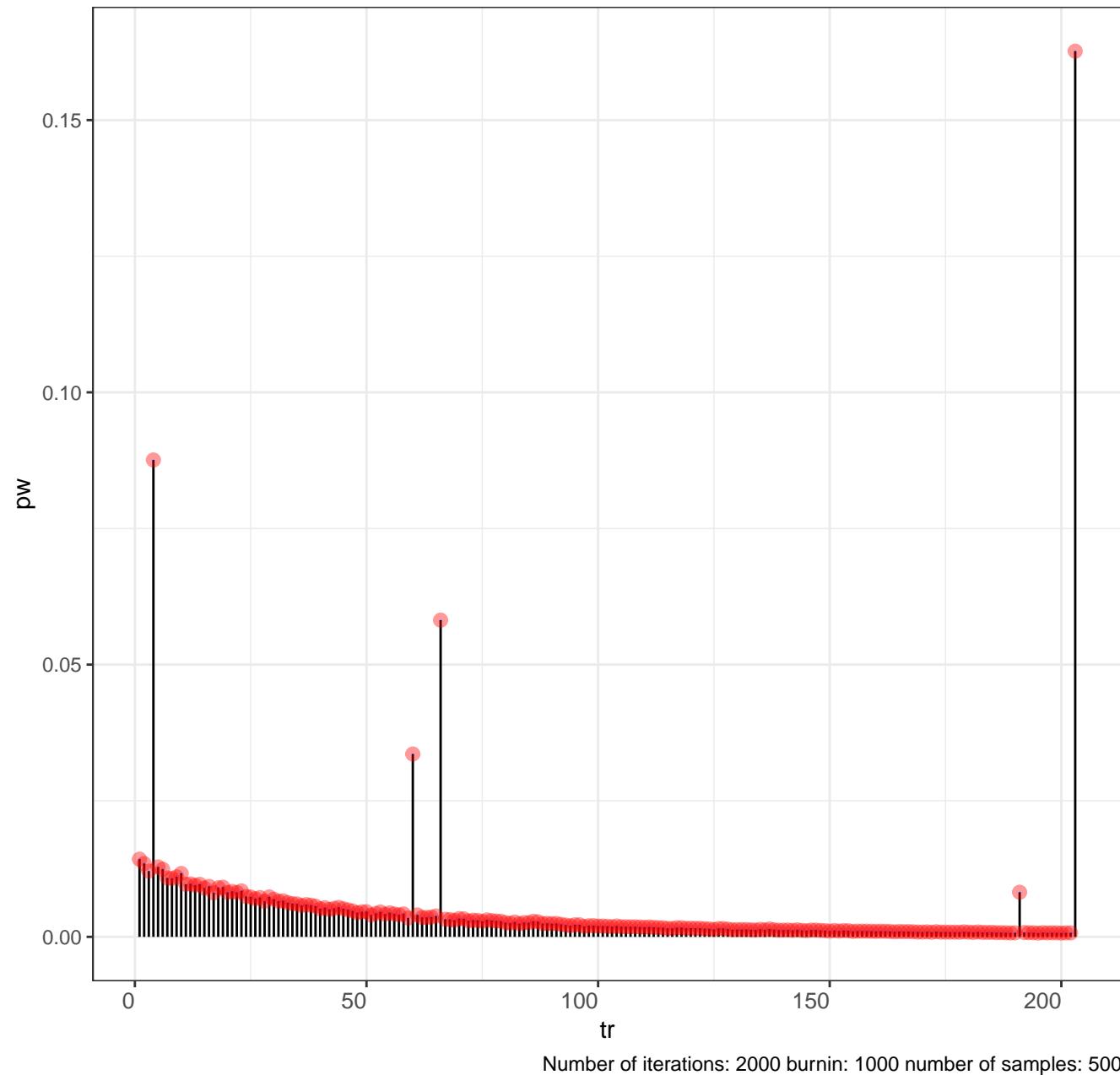
Number of iterations: 2000 burnin: 1000 number of samples: 500

Trace plot for the sigma for S=20 r=20 true K=4 type=4

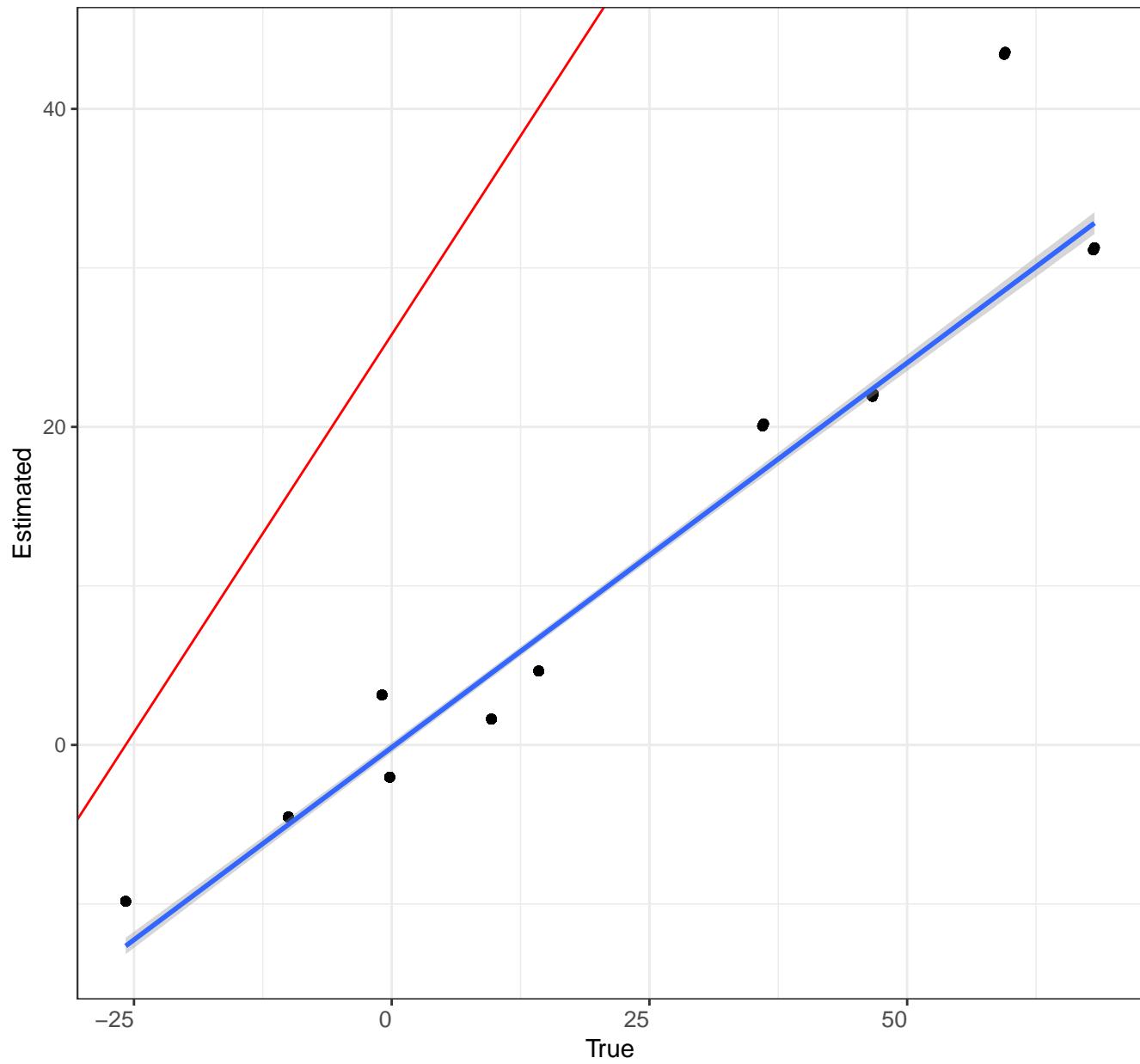


Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=20 ,r=20 true gr K=4 ,type=4 ,N=204 pN=0.163

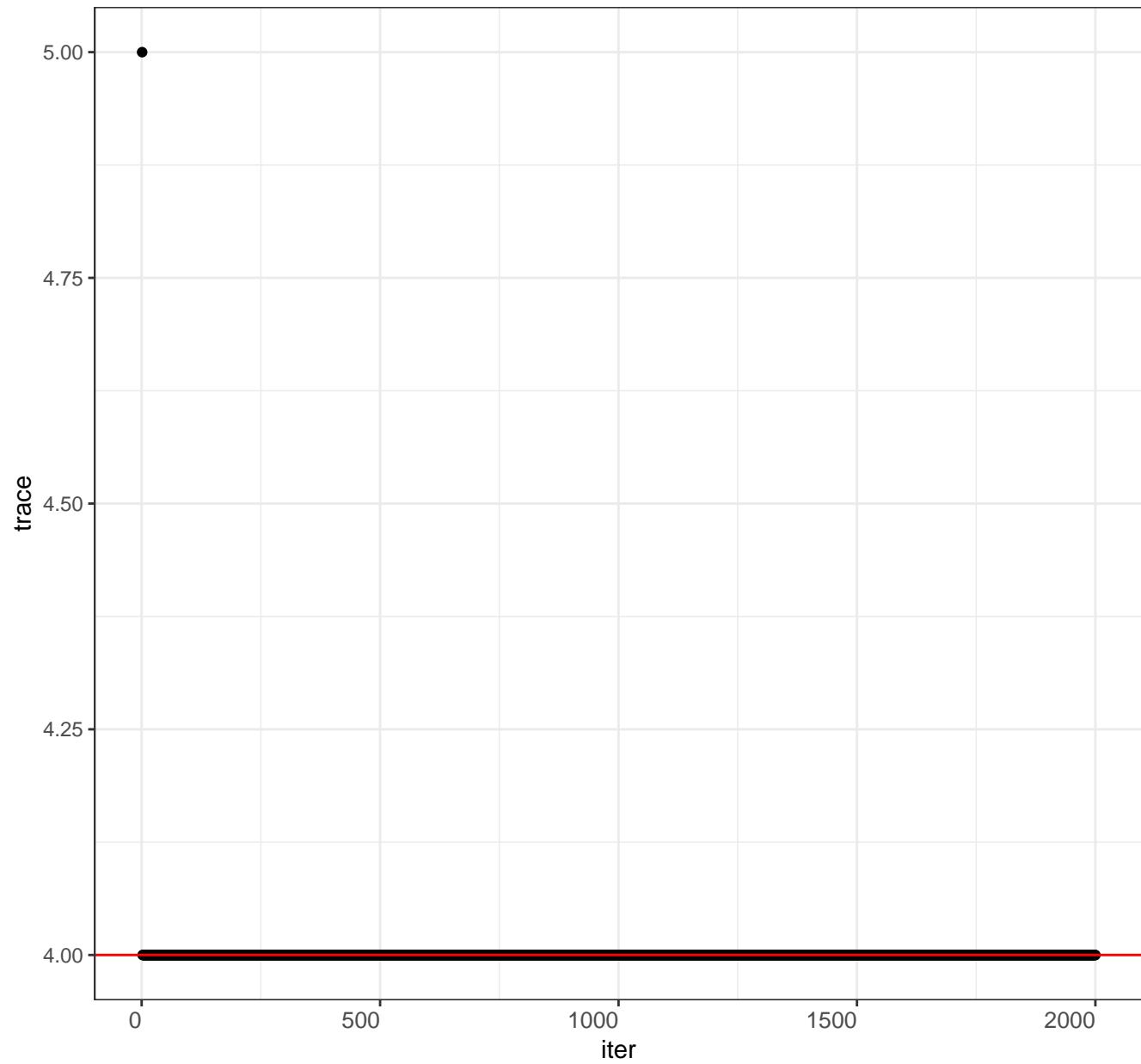


True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 r=20 true K=4 type=4

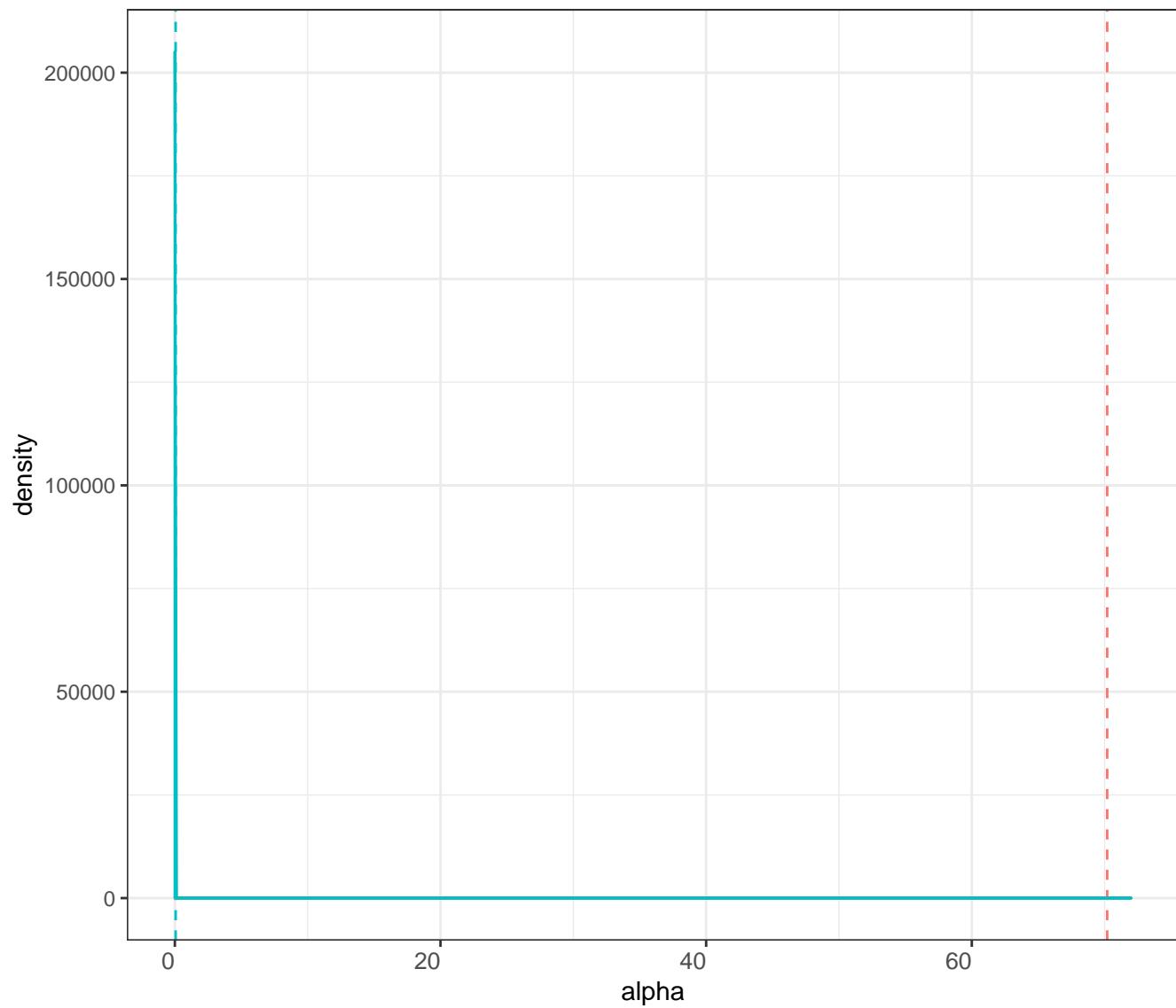
Trace plot for the number of groups K for S=20 r=20 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=20 ,r=20 true gr K=4 ,type=4 ,N=204

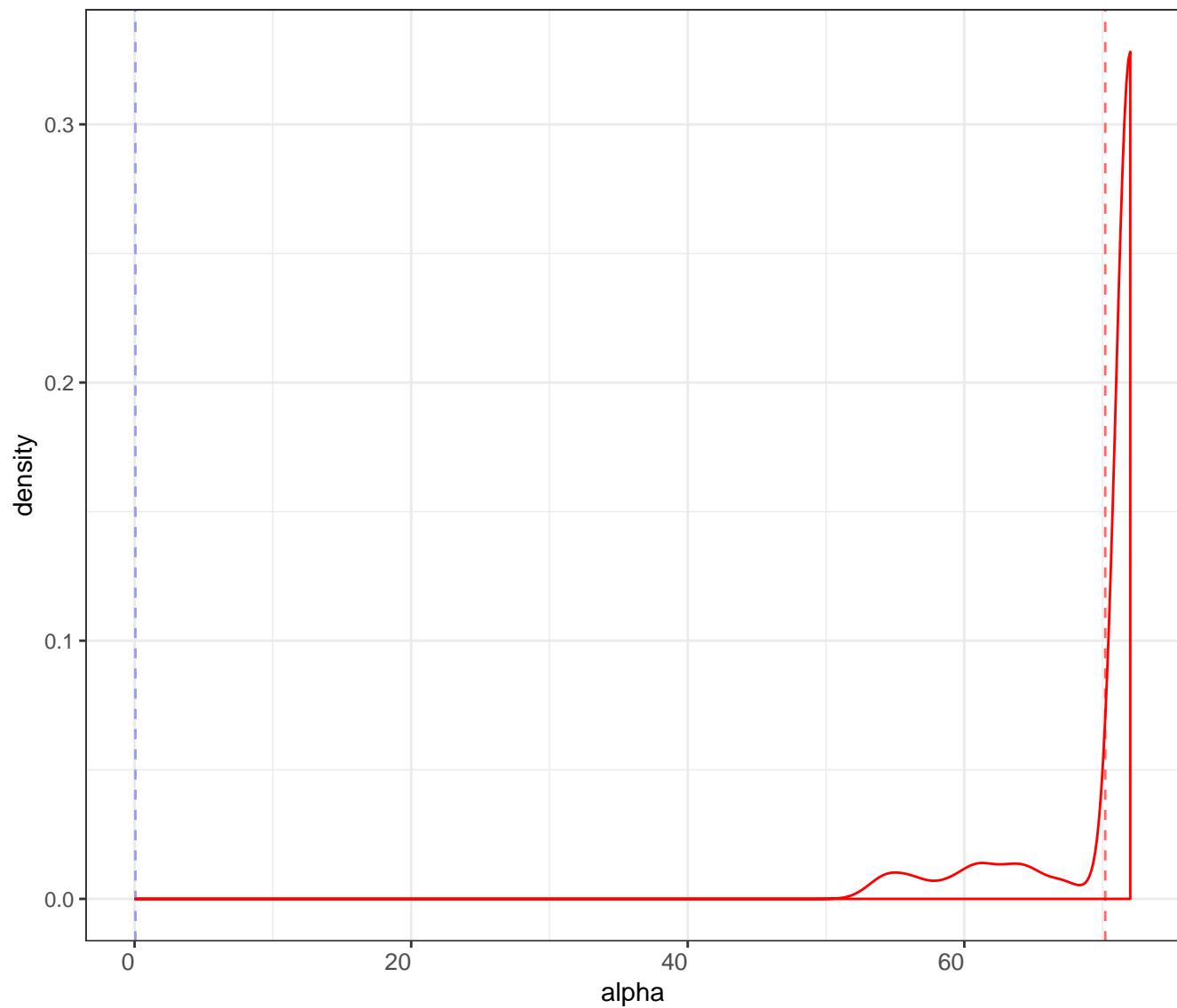
type H posterior H prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

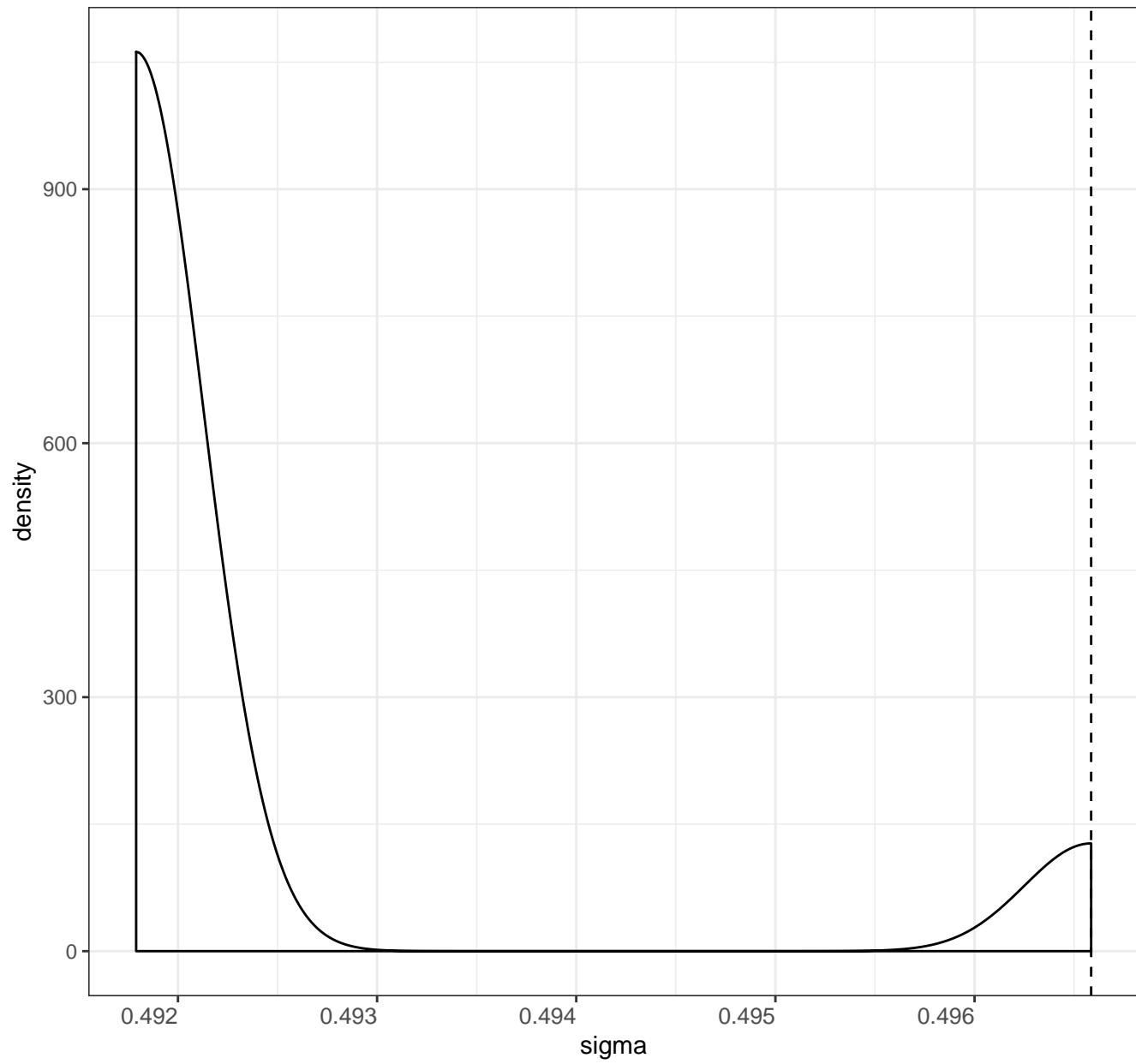
Posterior distribution for alpha

Legend | posterior mean | prior mean

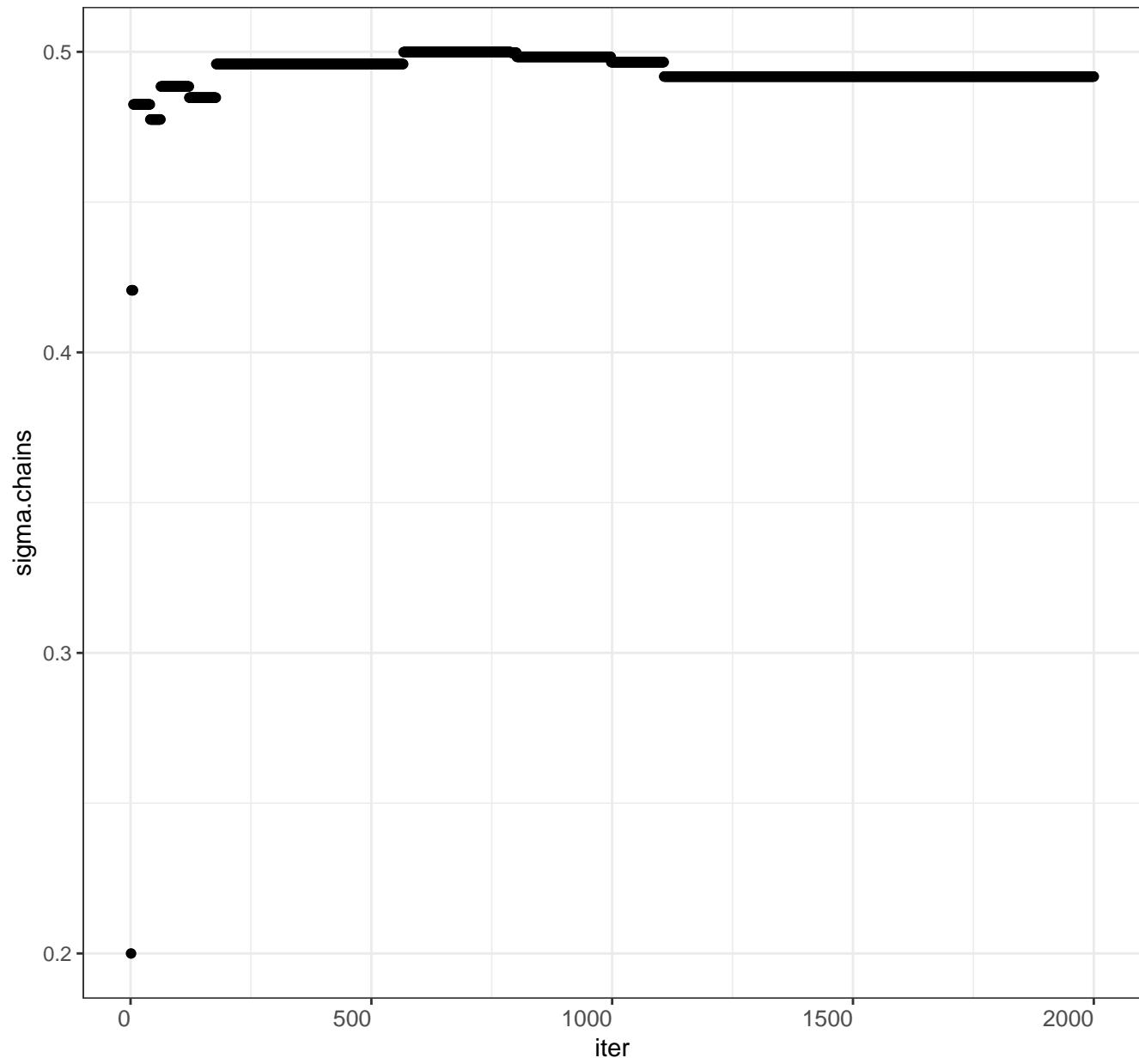


Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=20 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=20 ,r=20 true gr K=4 ,type=4 ,N=204

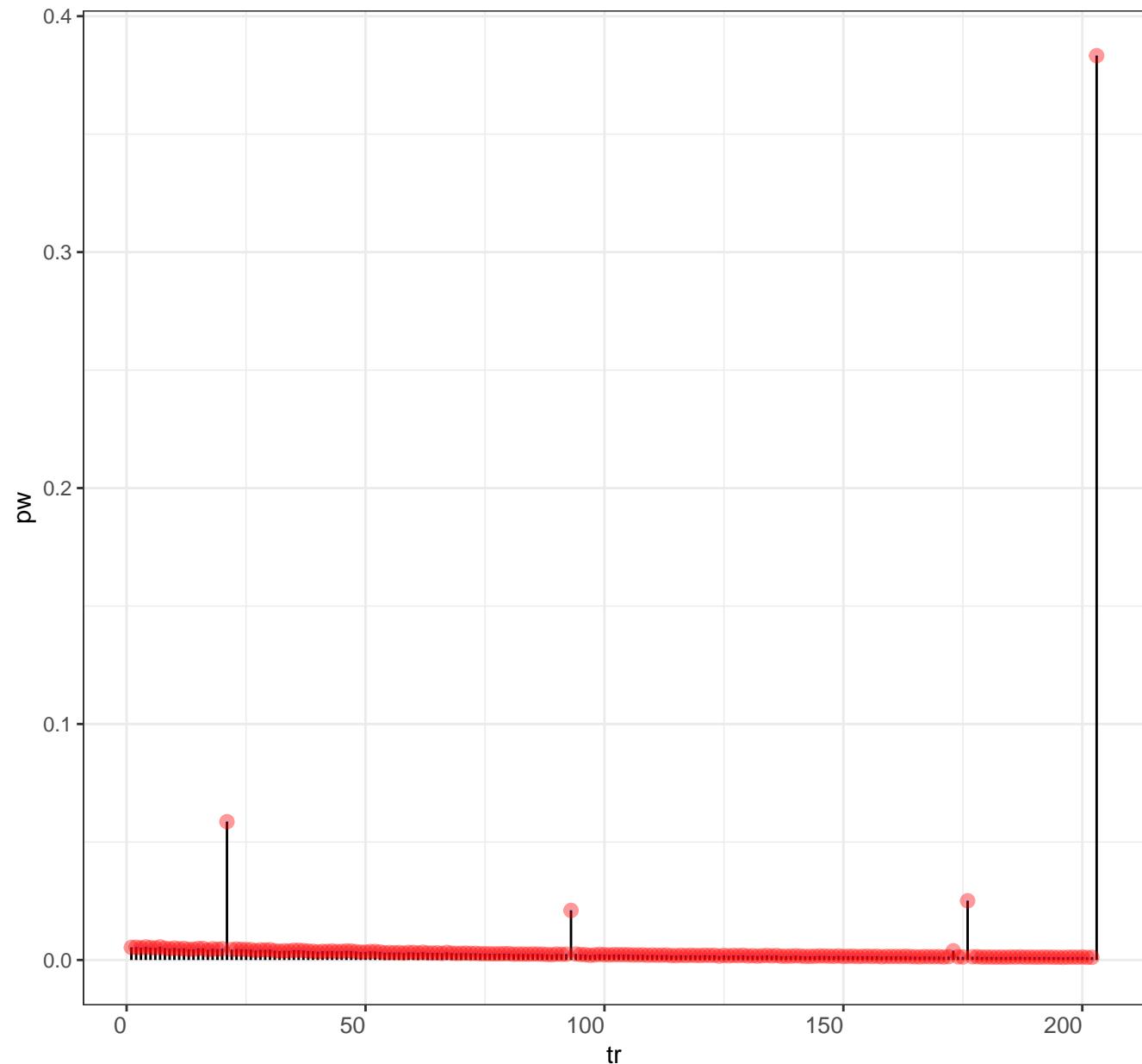


Trace plot for the sigma for S=20 r=20 true K=4 type=4



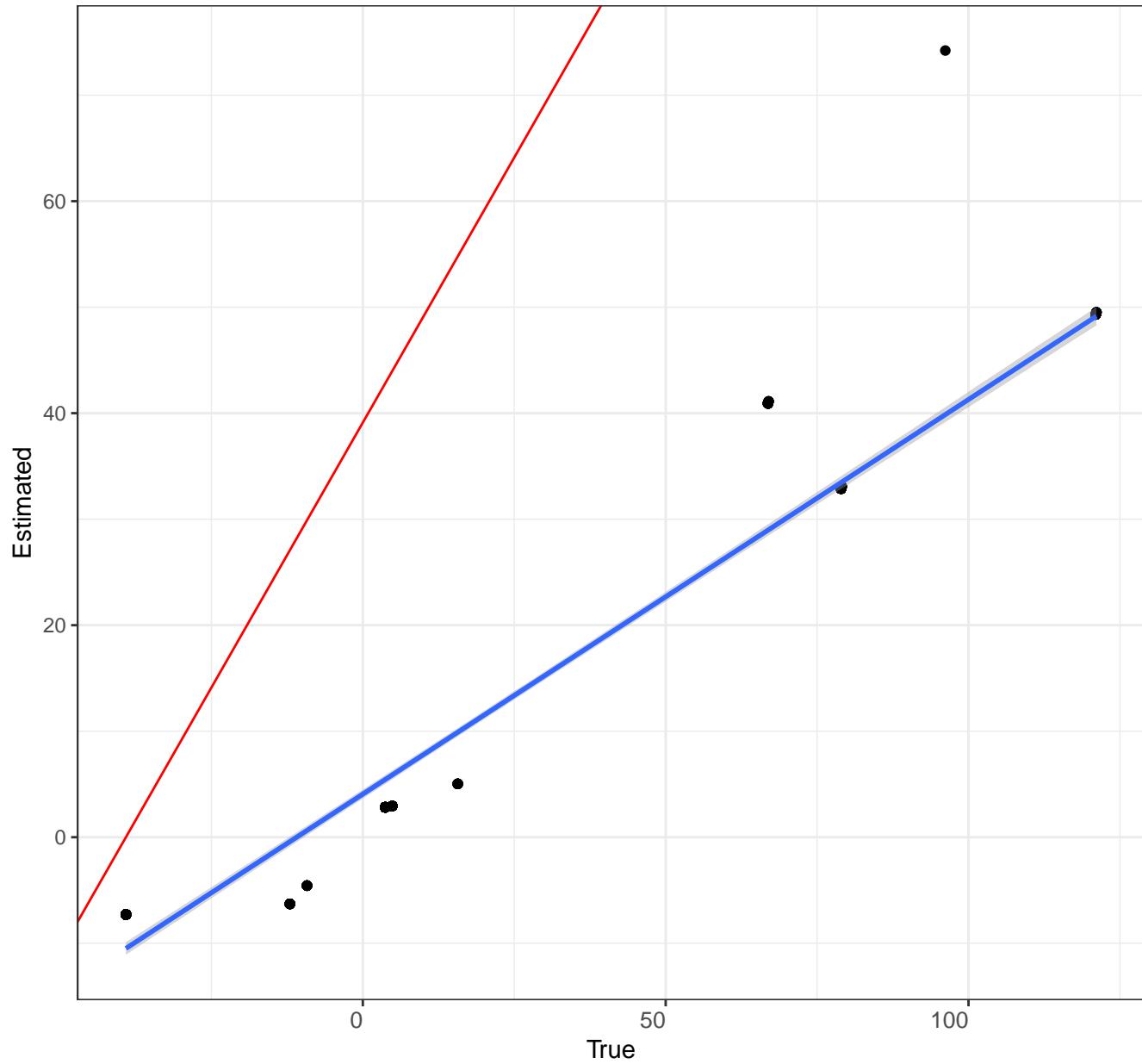
Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=20 ,r=20 true gr K=4 ,type=4 ,N=204 pN=0.383



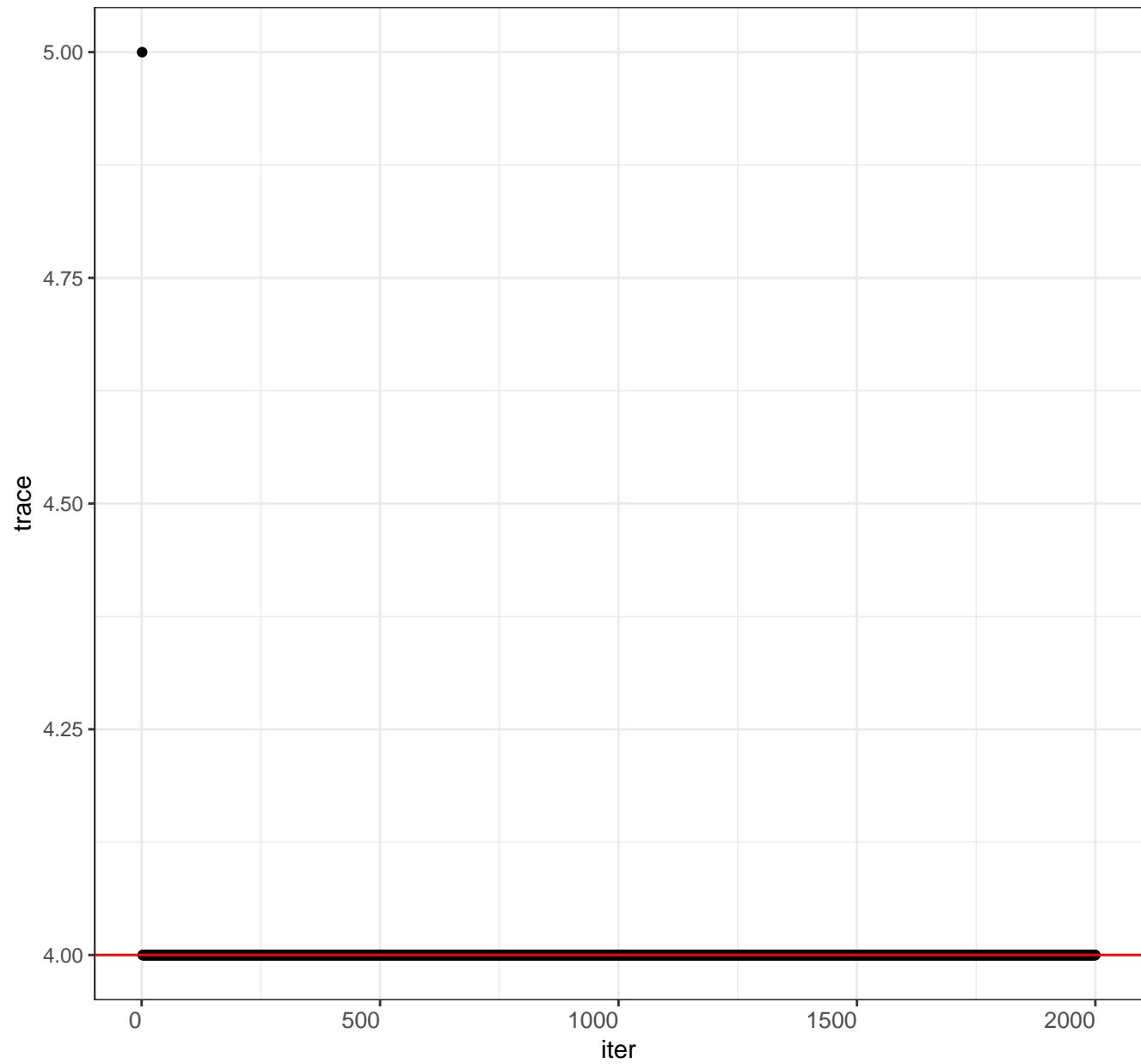
Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 r=20 true K=4 type=4

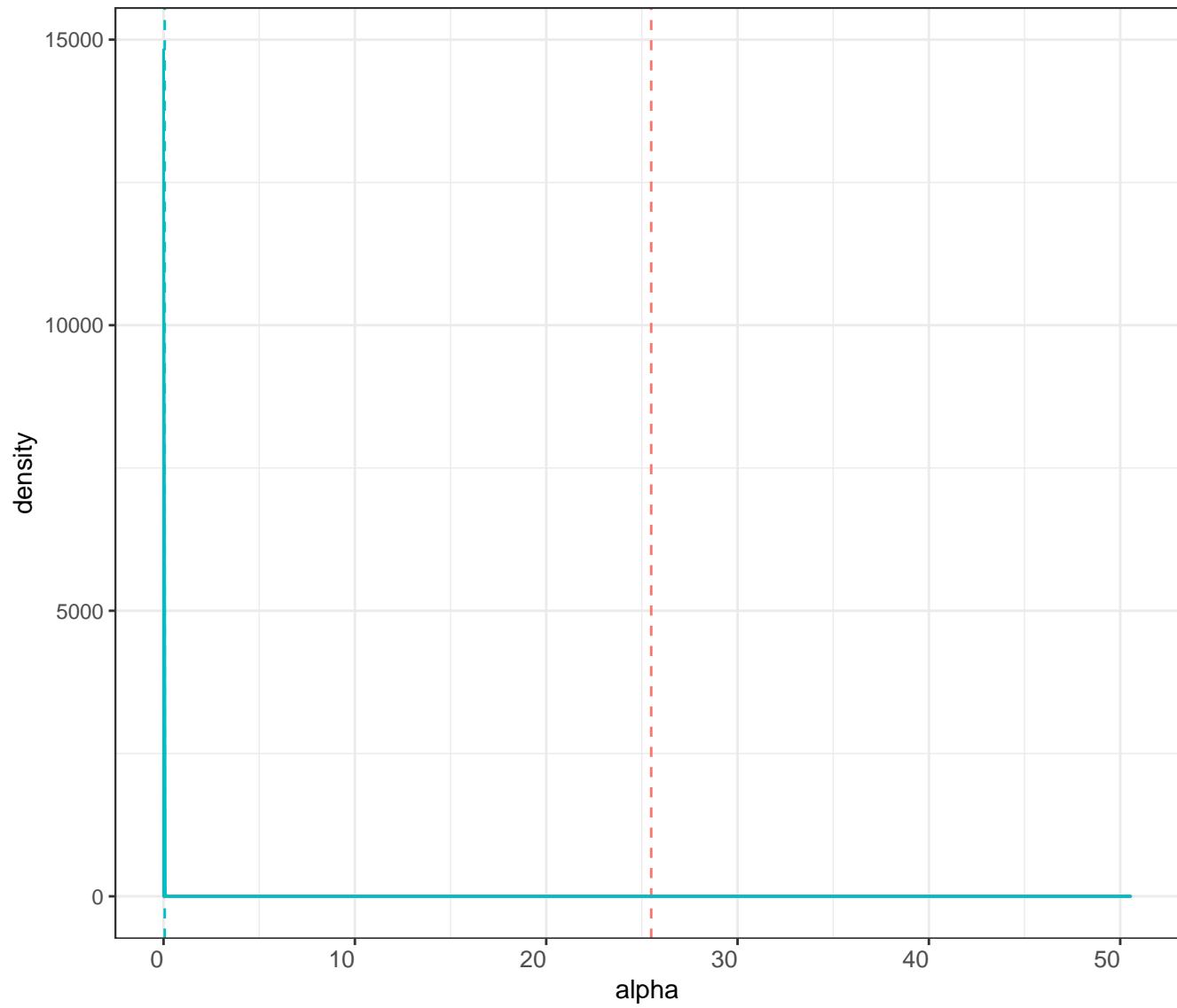
Trace plot for the number of groups K for S=20 r=20 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=20 ,r=20 true gr K=4 ,type=4 ,N=204

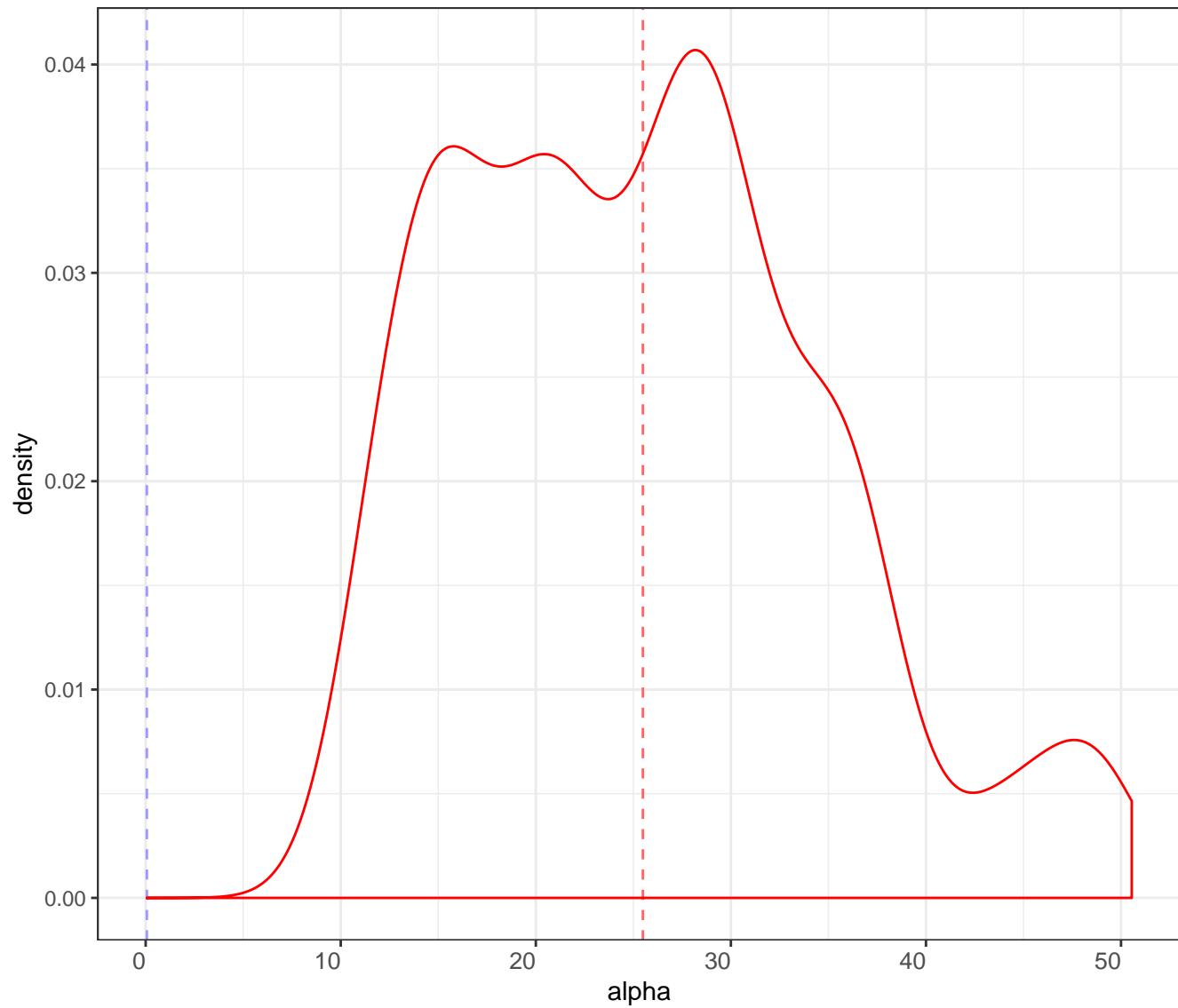
type  posterior  prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

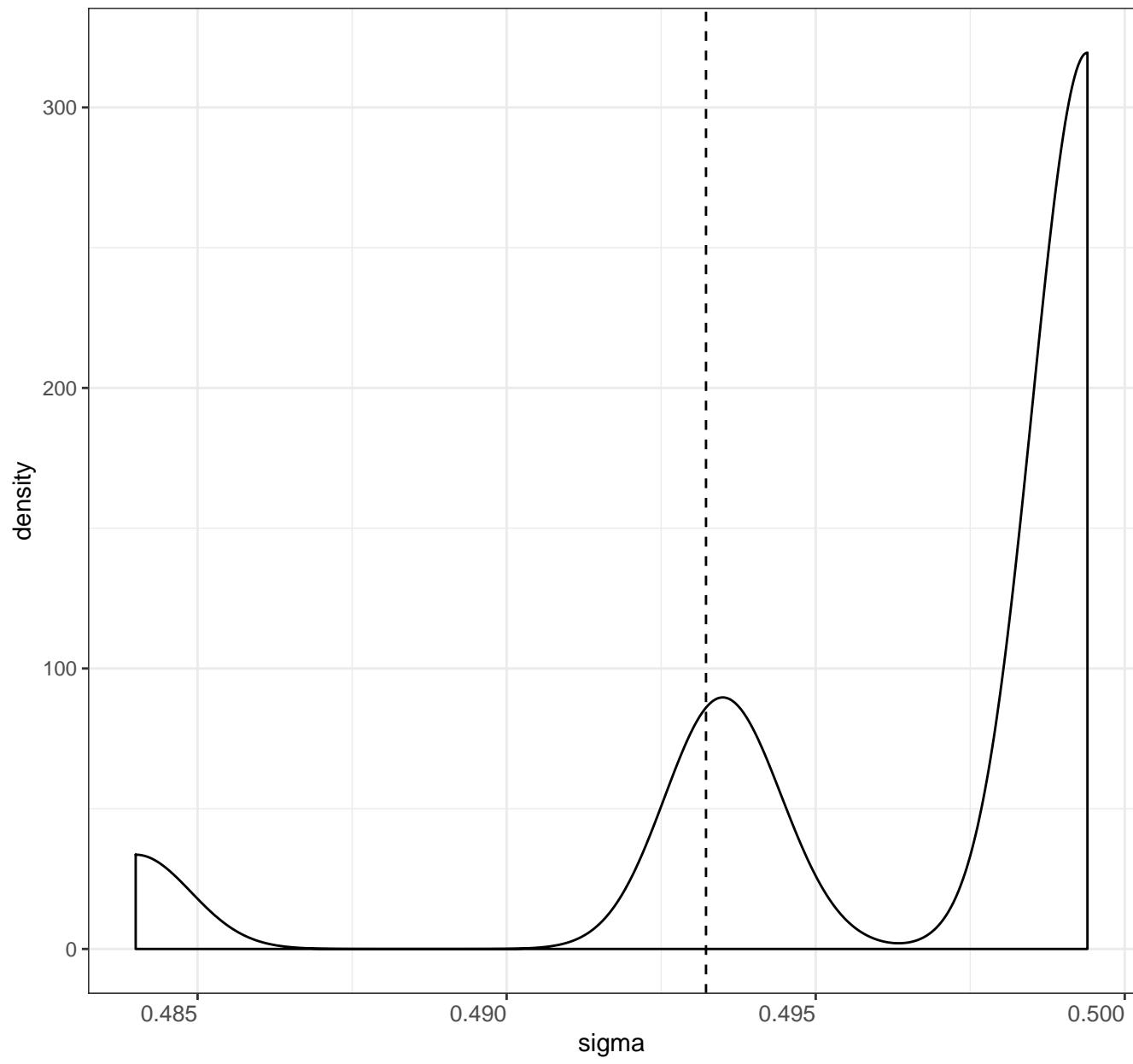
Posterior distribution for alpha

Legend | posterior mean | prior mean



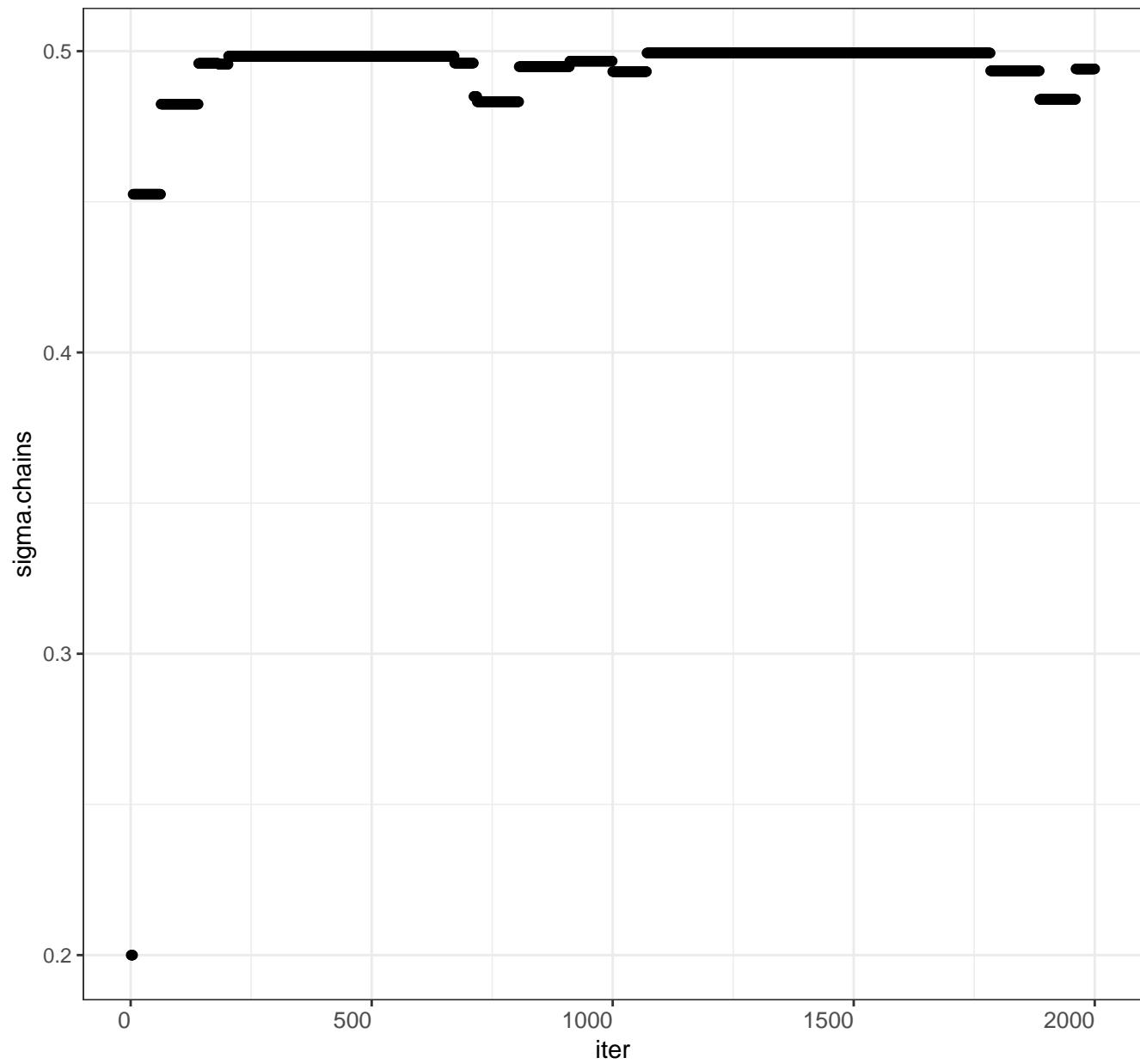
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=20 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=20 ,r=20 true gr K=4 ,type=4 ,N=204



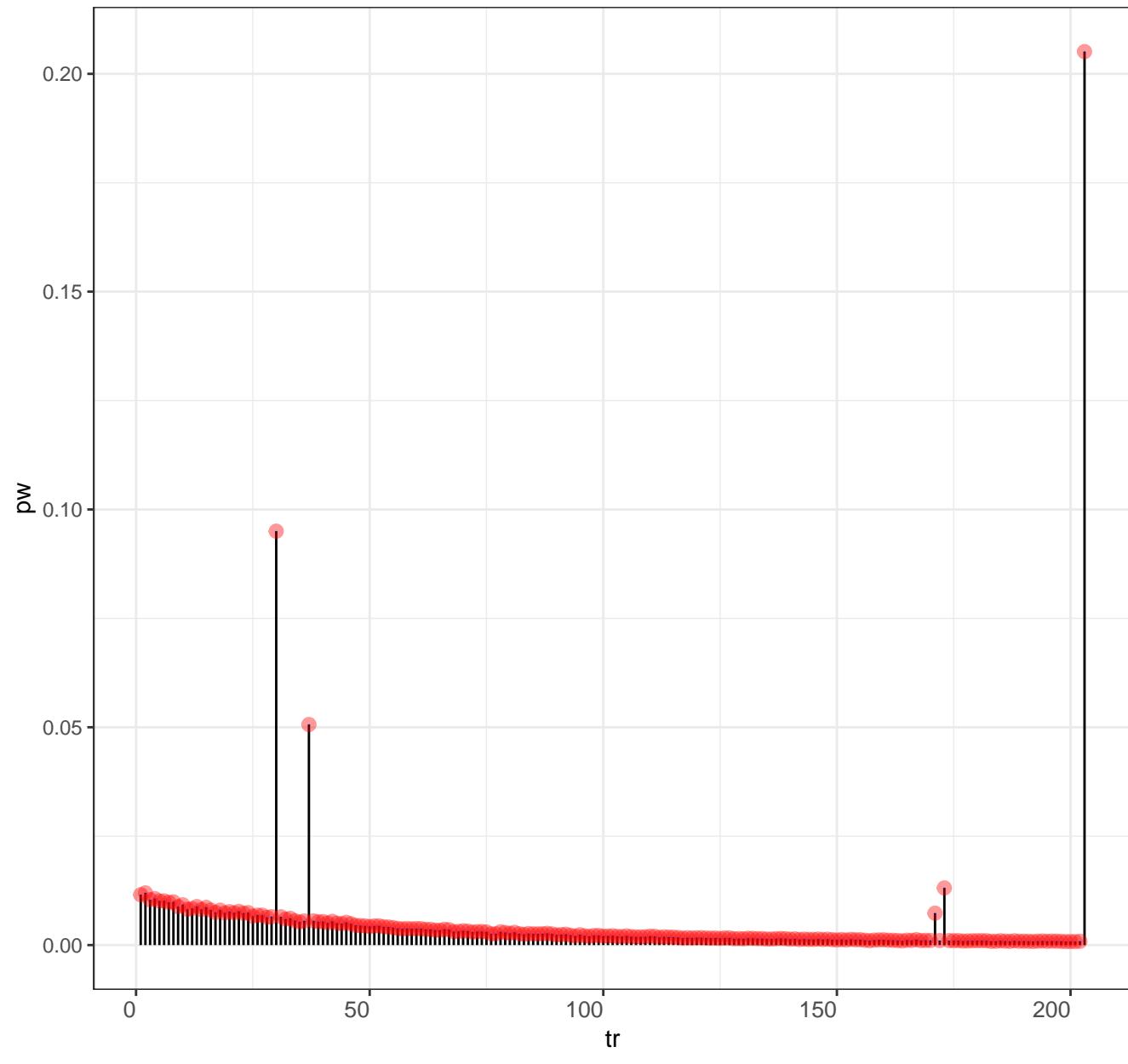
Number of iterations: 2000 burnin: 1000 number of samples: 500

Trace plot for the sigma for S=20 r=20 true K=4 type=4

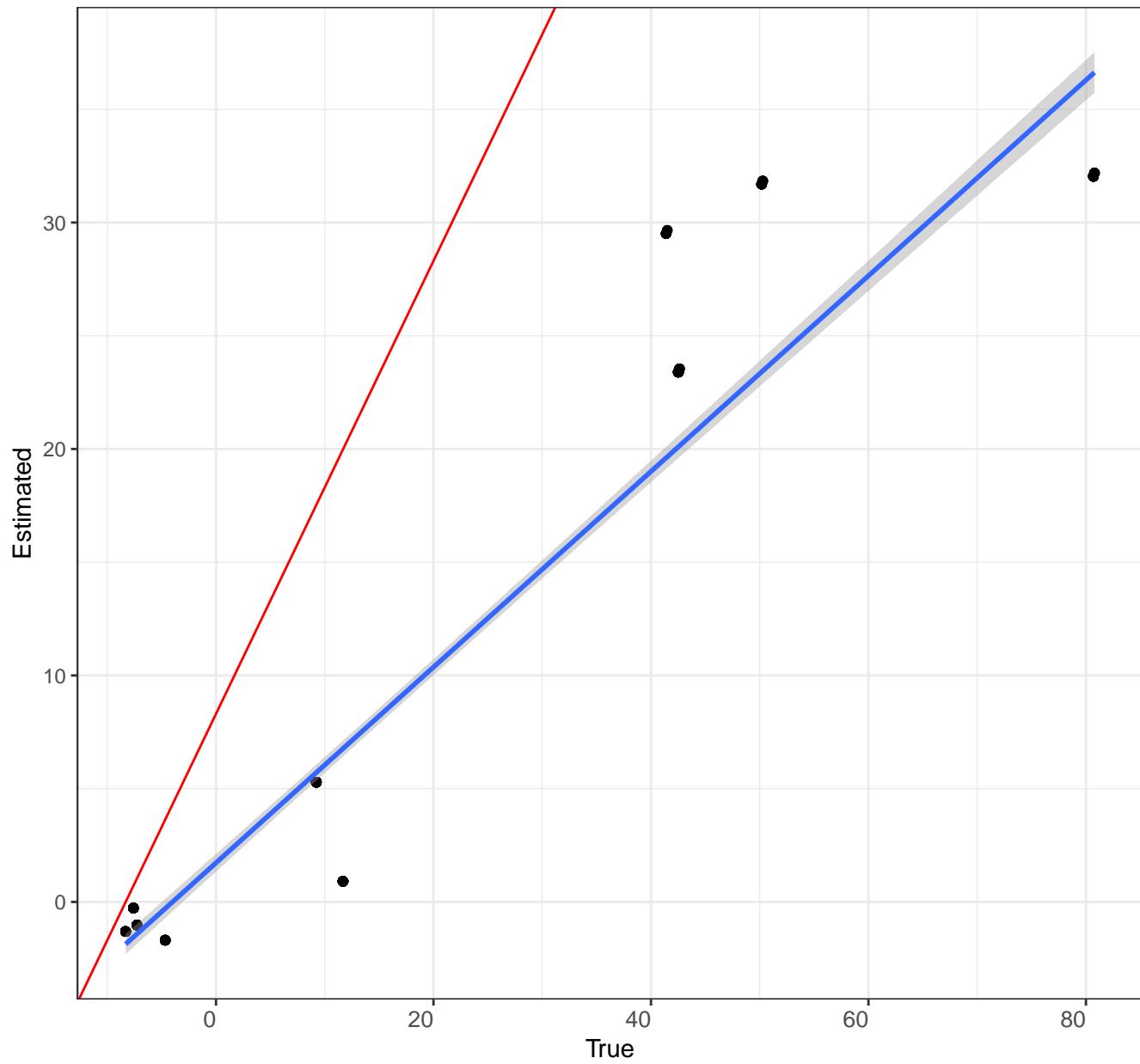


Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=20 ,r=20 true gr K=4 ,type=4 ,N=204 pN=0.205

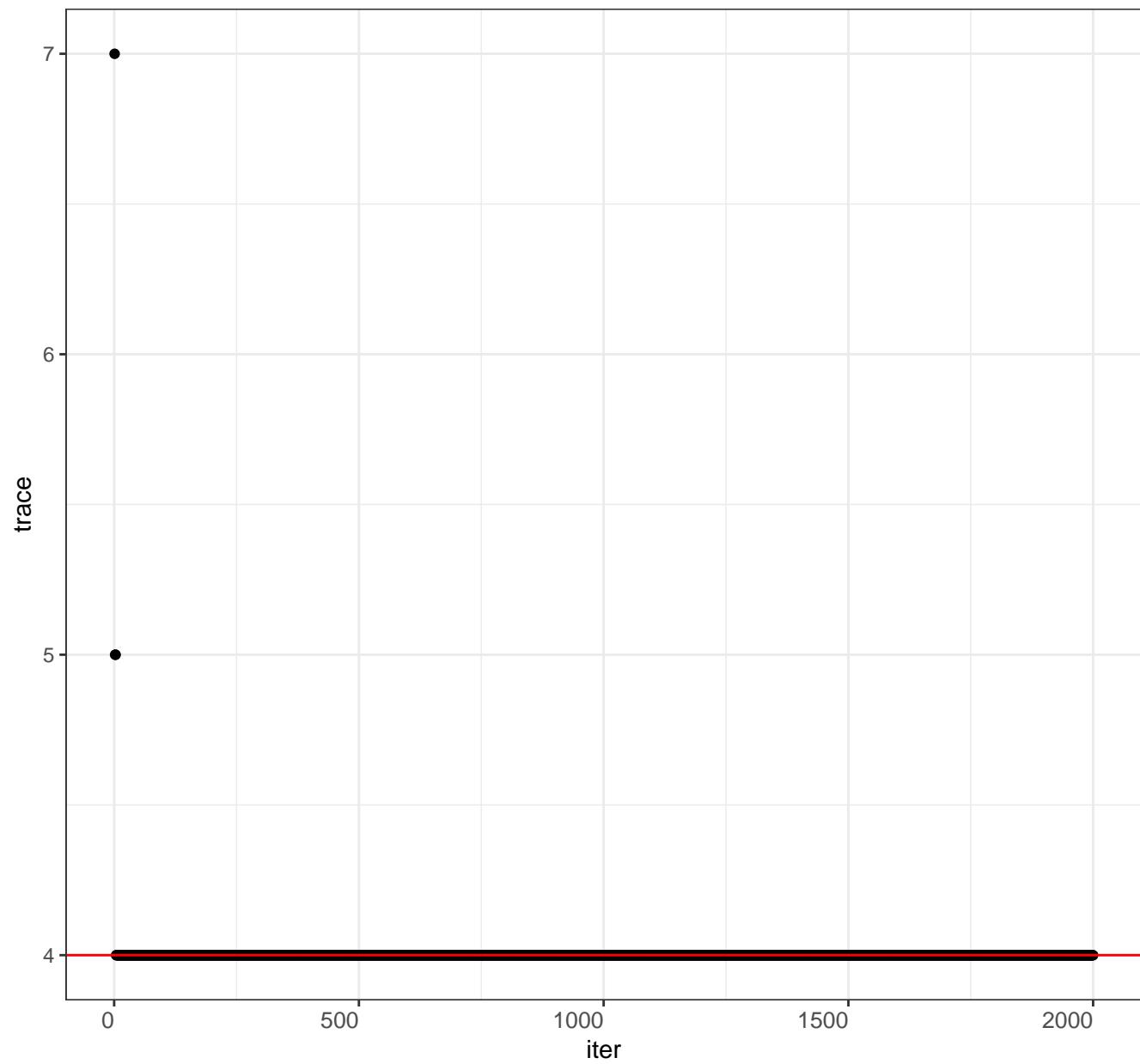


True vs estimated covariance parameters



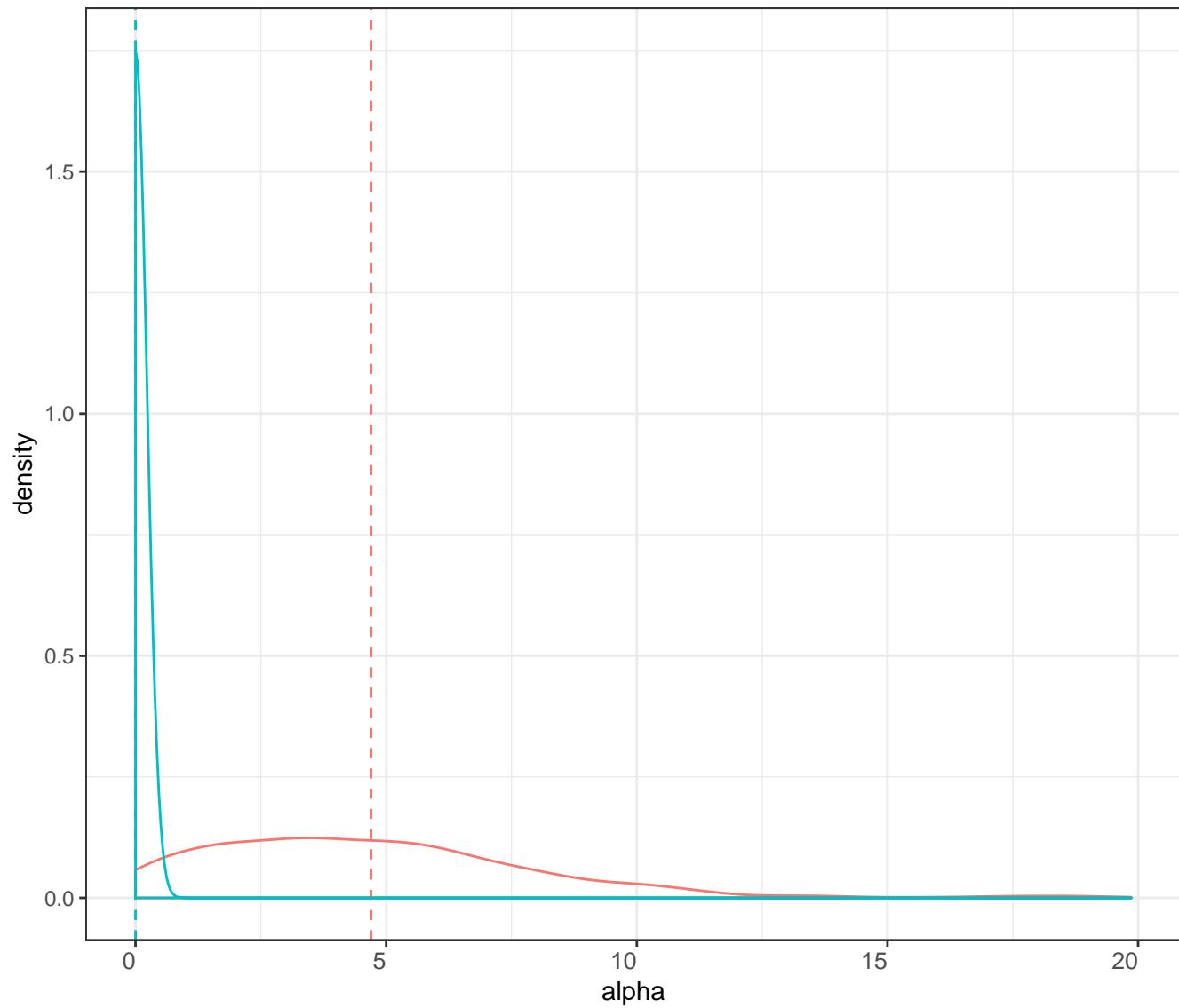
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 r=20 true K=4 type=4

Trace plot for the number of groups K for S=50 r=5 true K=4 type=4



Distribution alpha: S=50 ,r=5 true gr K=4 ,type=4 ,N=204

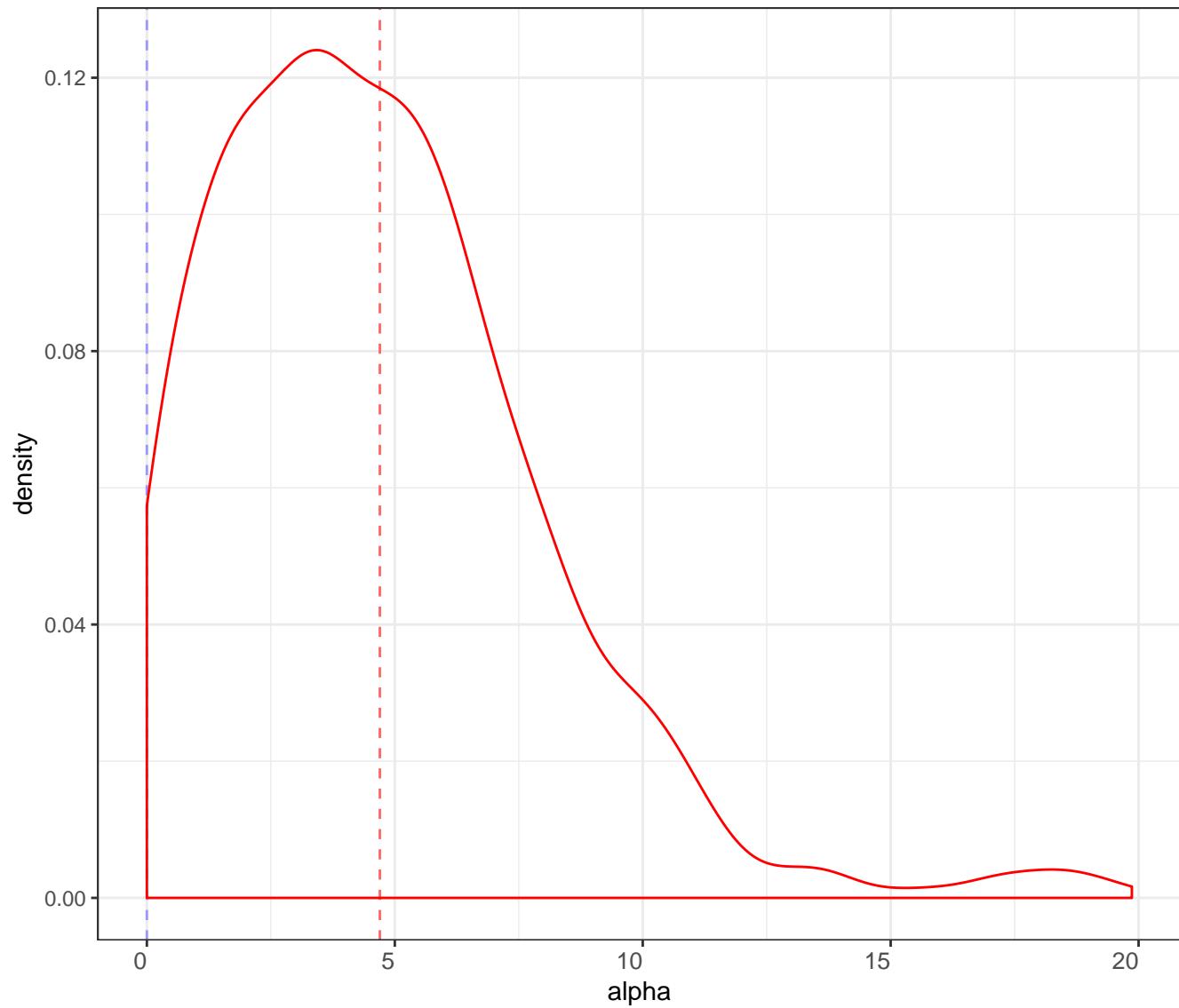
type [] posterior [] prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

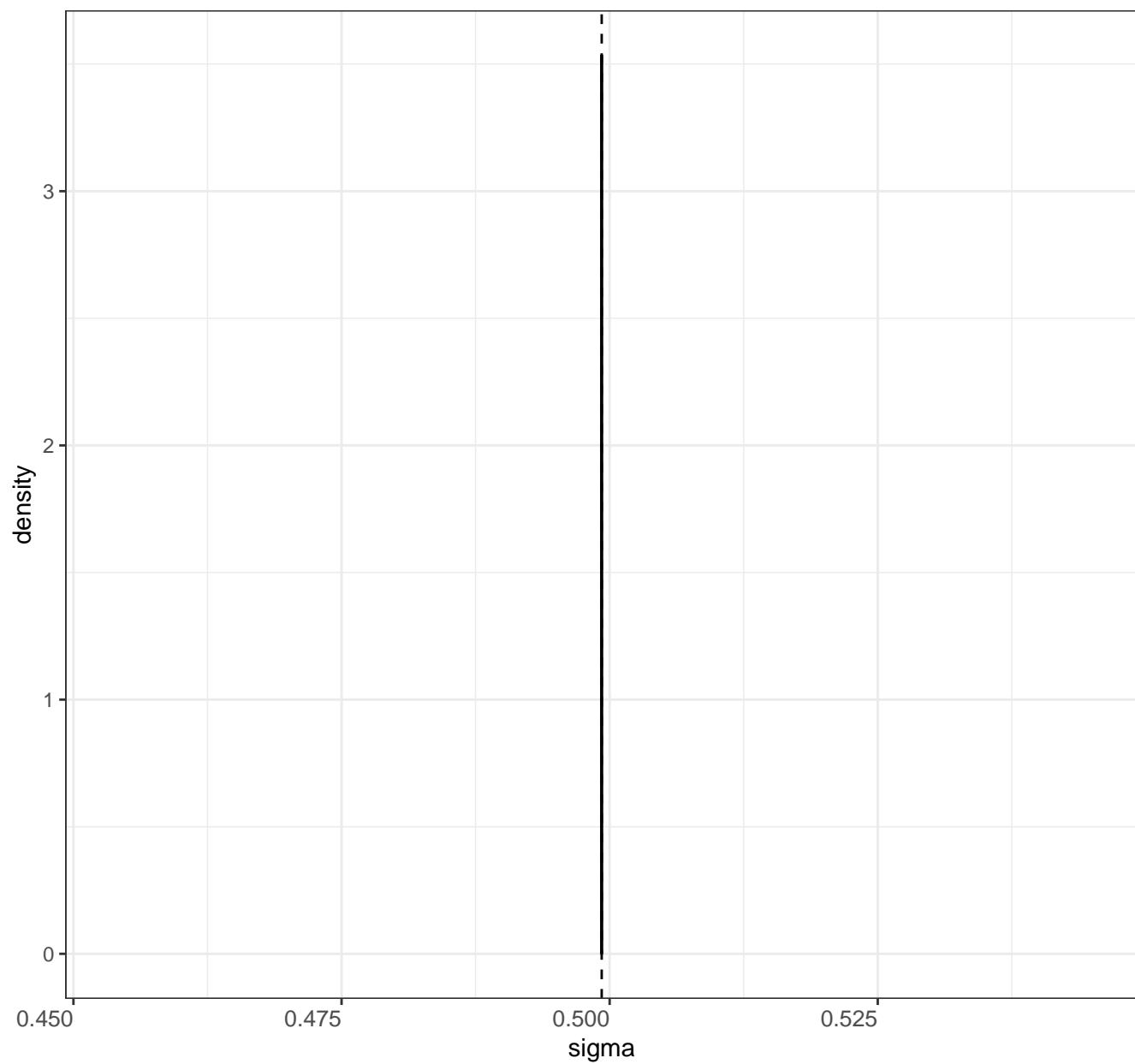
Posterior distribution for alpha

Legend | posterior mean | prior mean



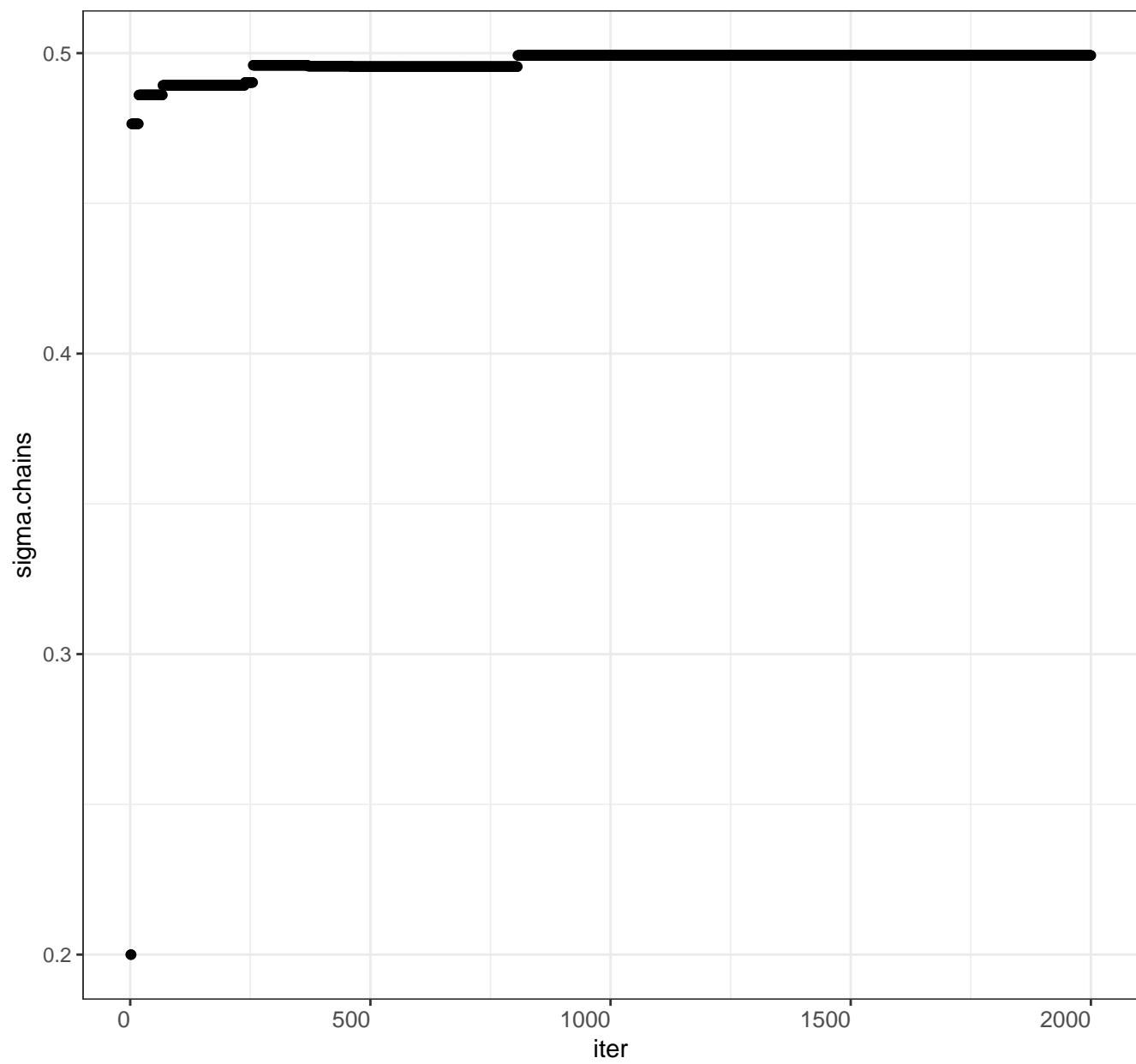
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=5 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=50 ,r=5 true gr K=4 ,type=4 ,N=204



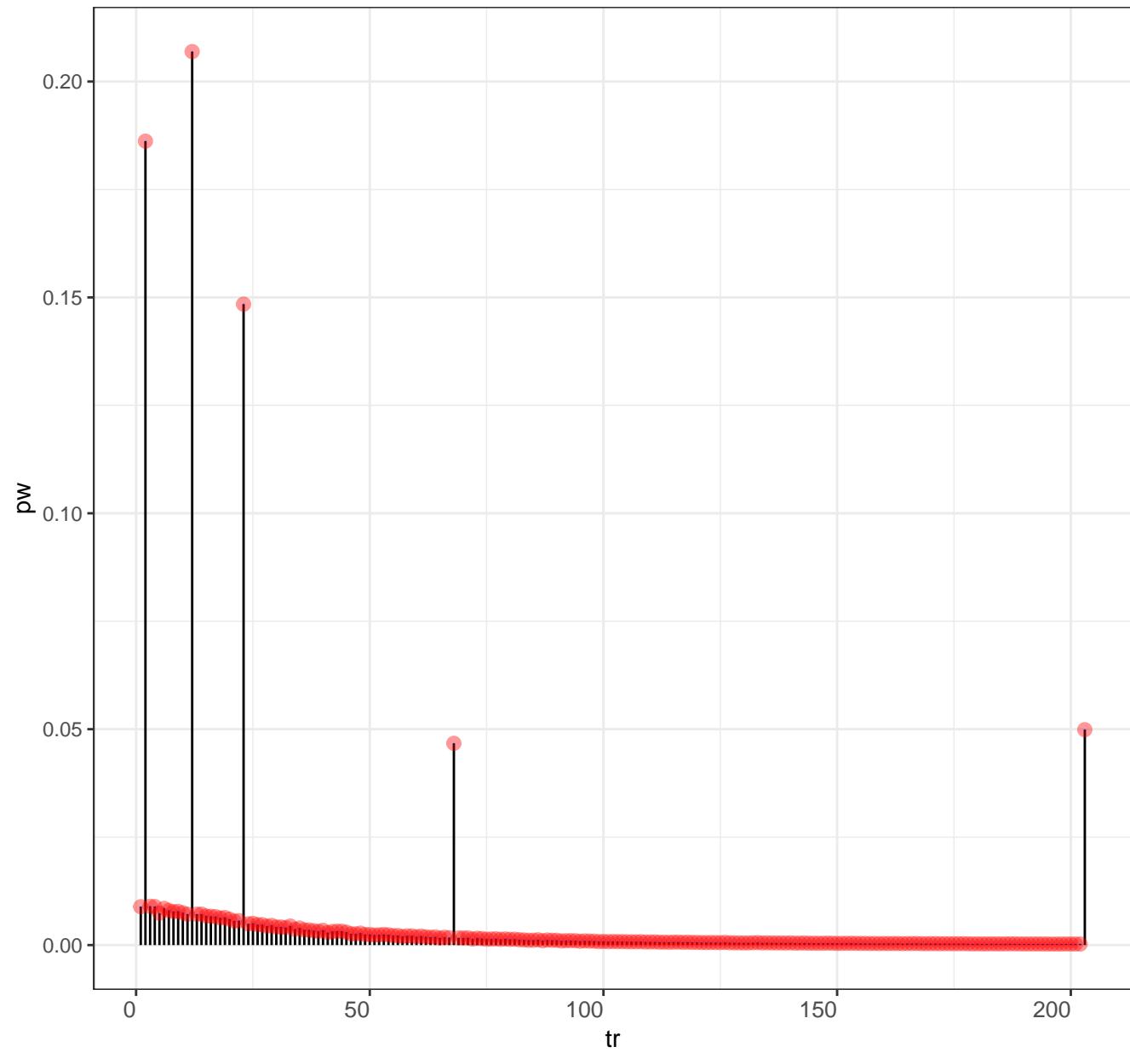
Number of iterations: 2000 burnin: 1000 number of samples: 500

Trace plot for the sigma for S=50 r=5 true K=4 type=4

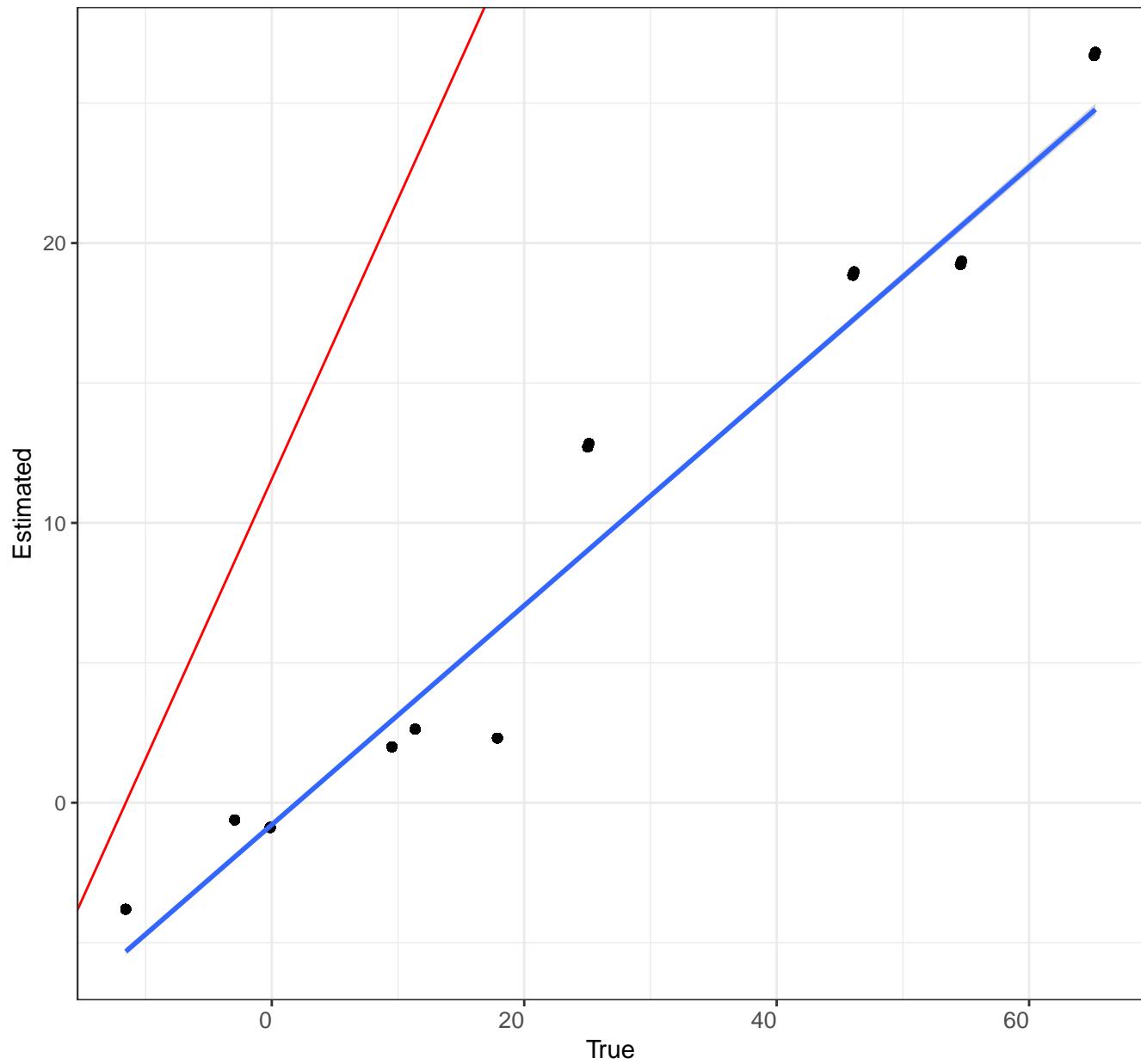


Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=50 ,r=5 true gr K=4 ,type=4 ,N=204 pN=0.05

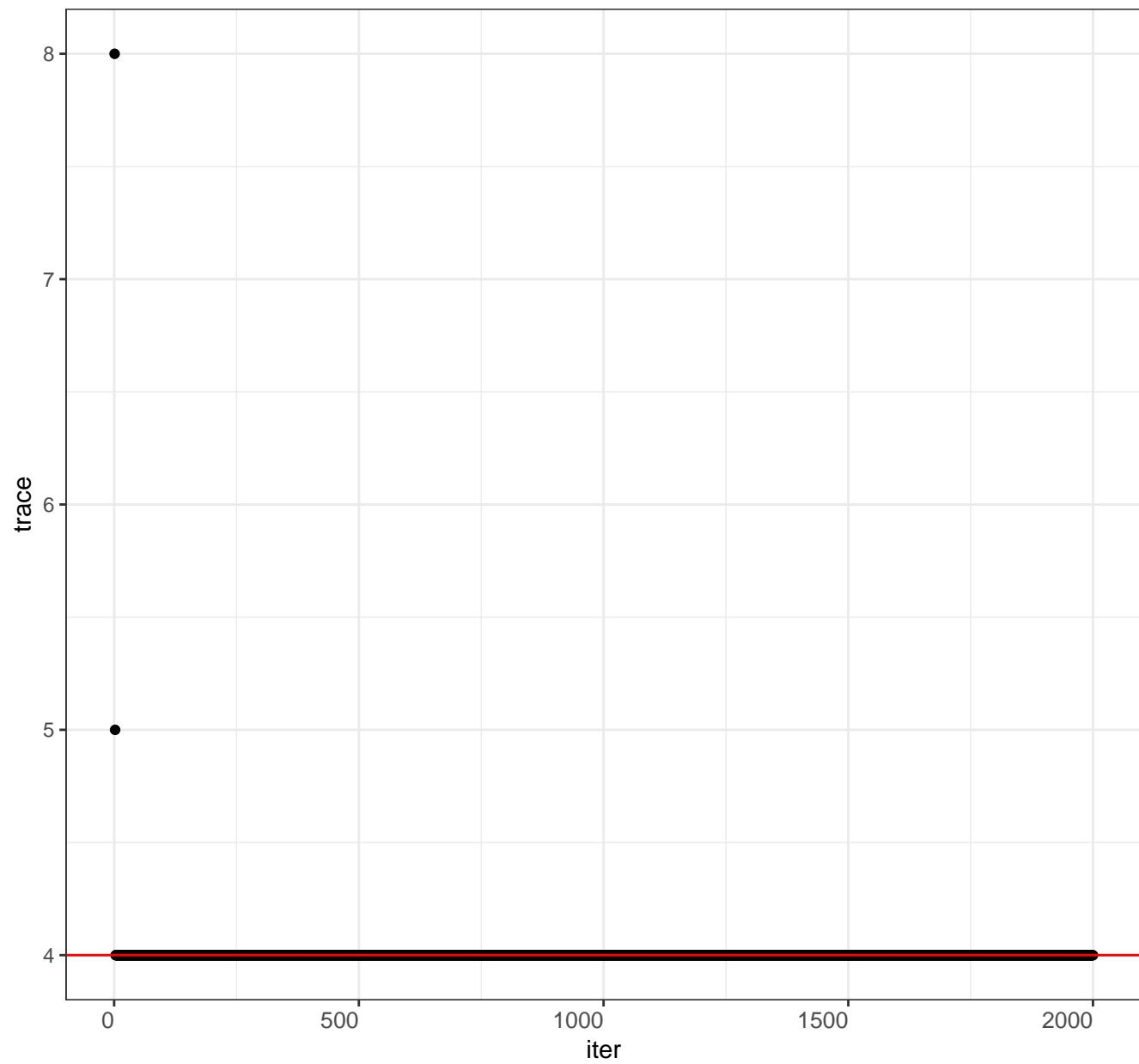


True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 r=5 true K=4 type=4

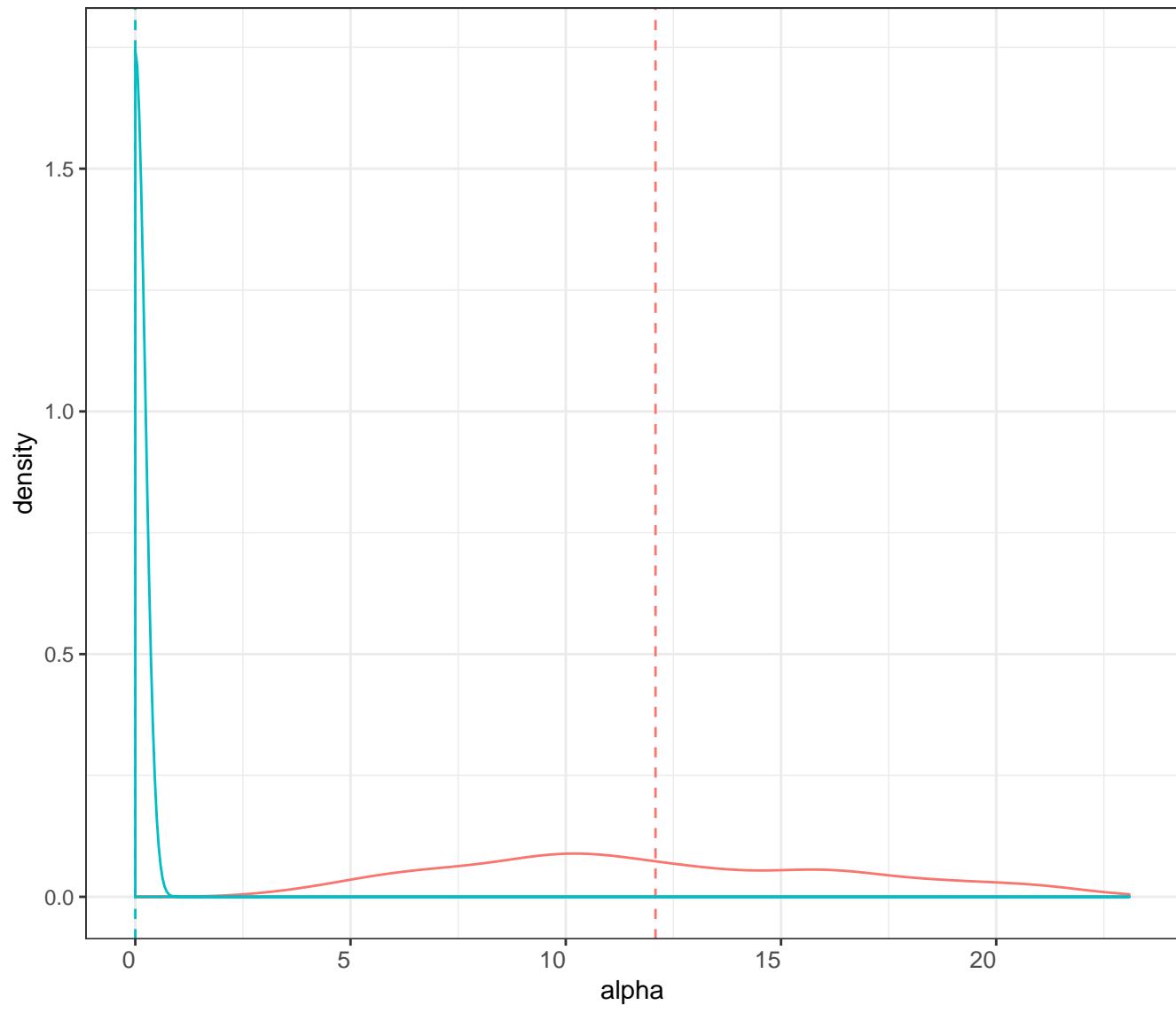
Trace plot for the number of groups K for S=50 r=5 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=50 ,r=5 true gr K=4 ,type=4 ,N=204

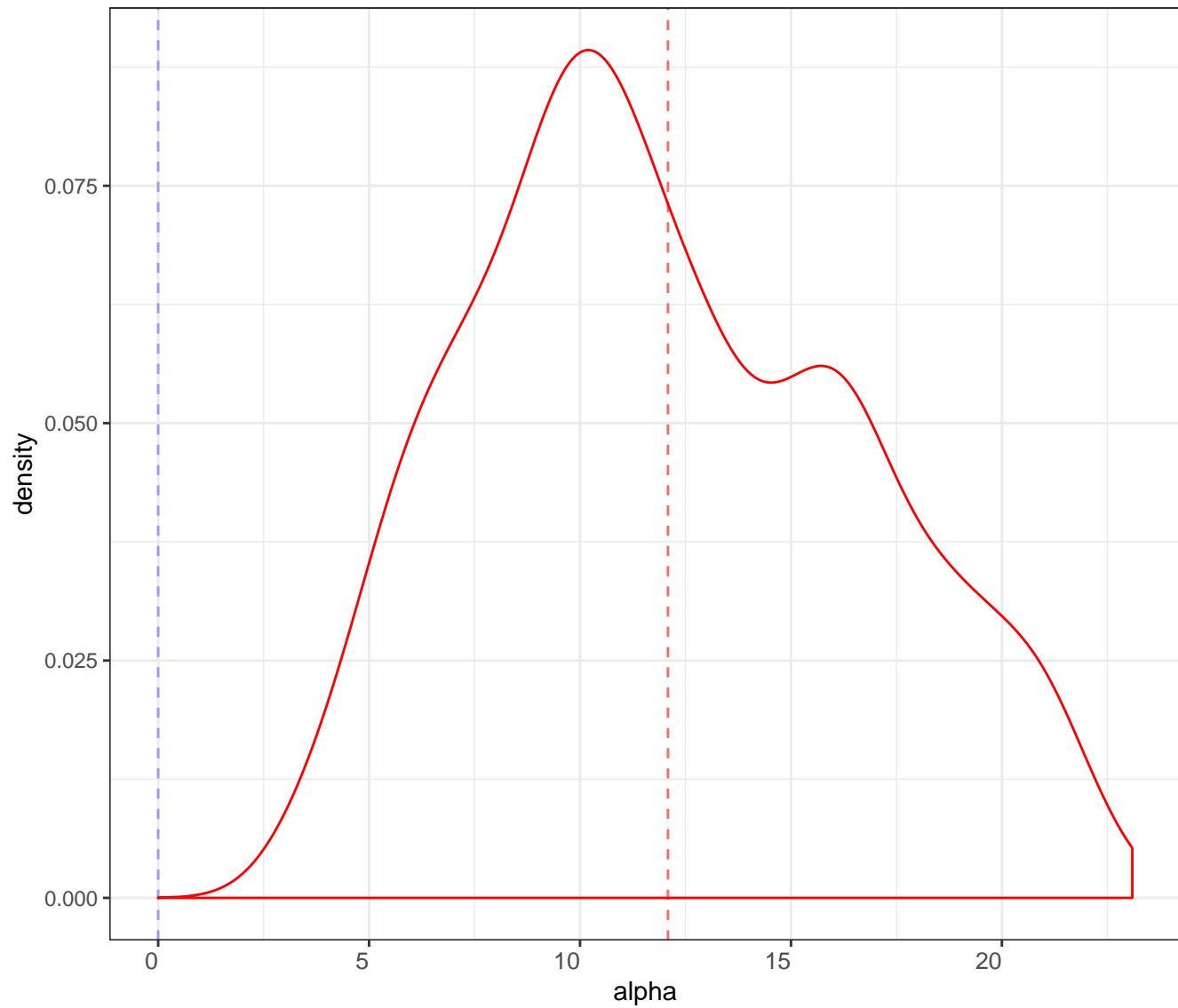
type [] posterior [] prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

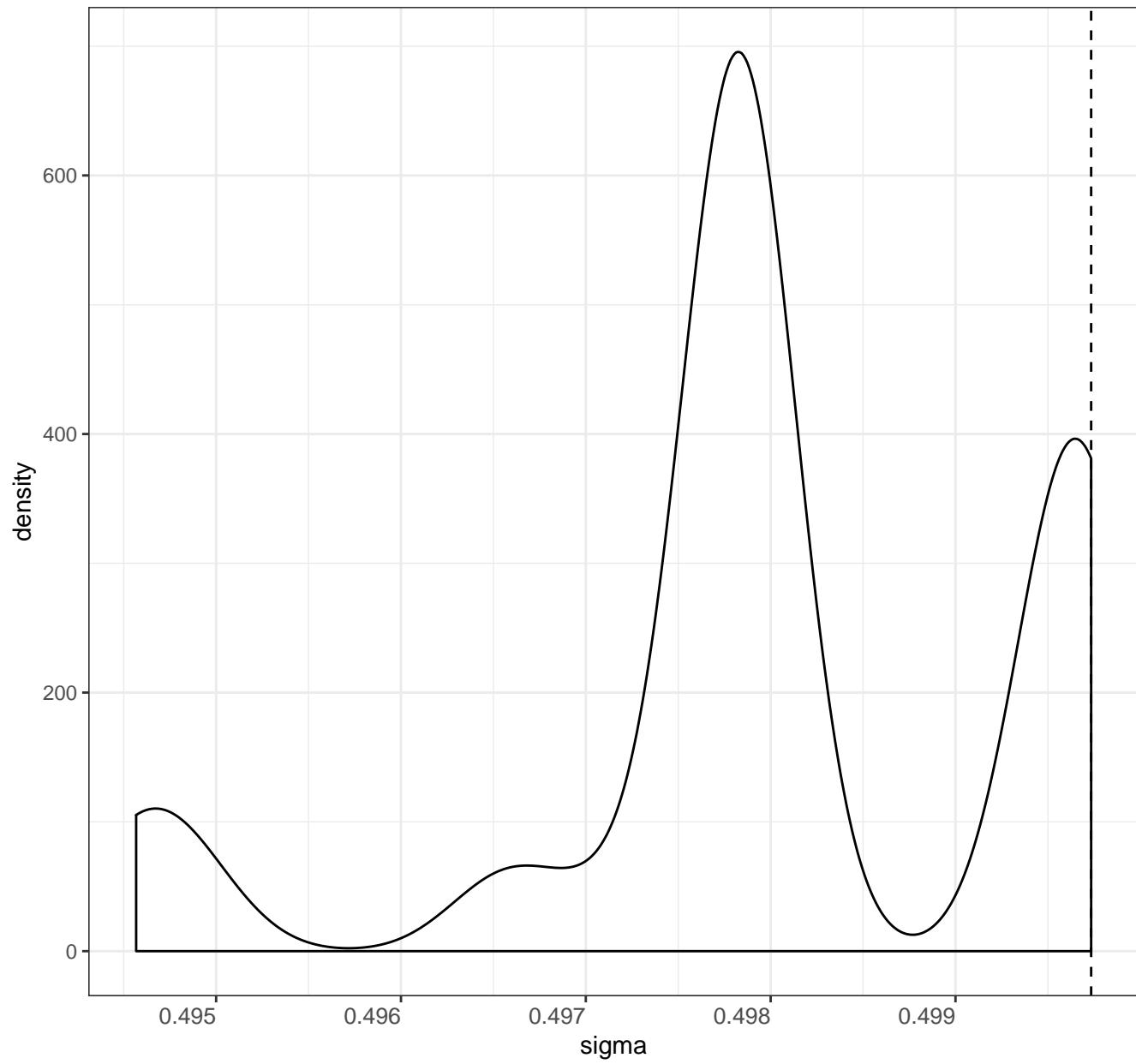
Posterior distribution for alpha

Legend | posterior mean | prior mean

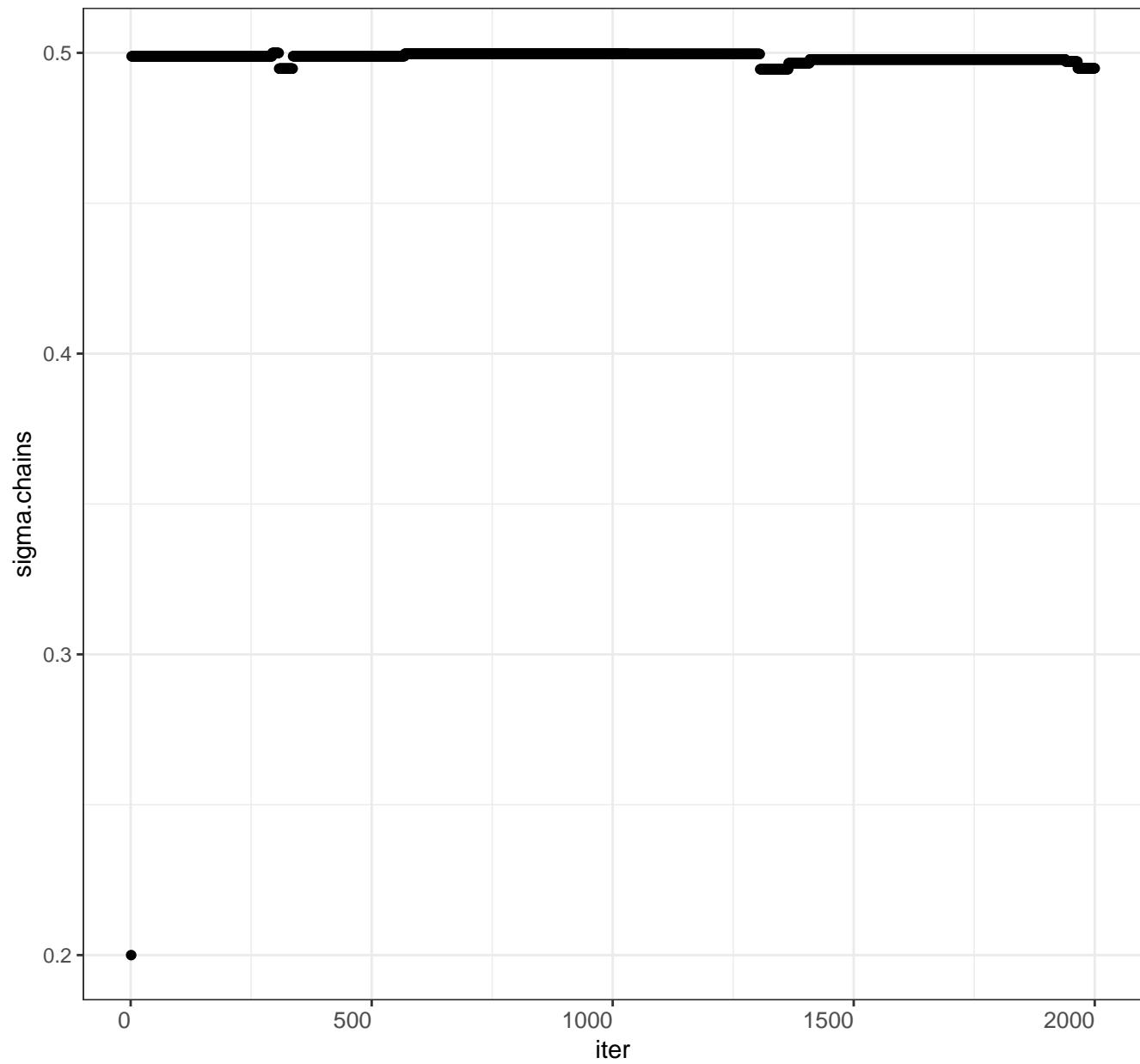


Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=5 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=50 ,r=5 true gr K=4 ,type=4 ,N=204

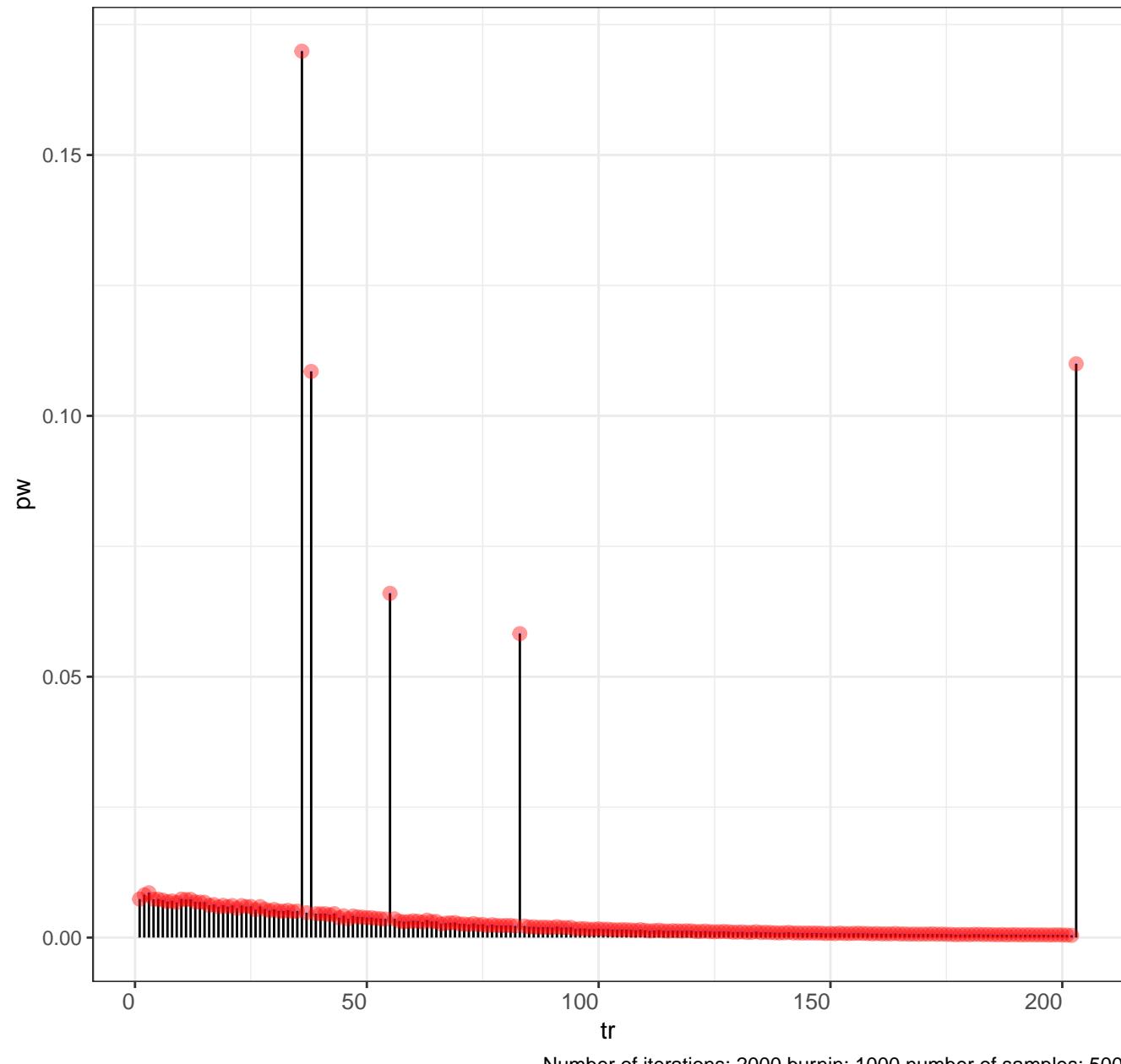


Trace plot for the sigma for S=50 r=5 true K=4 type=4

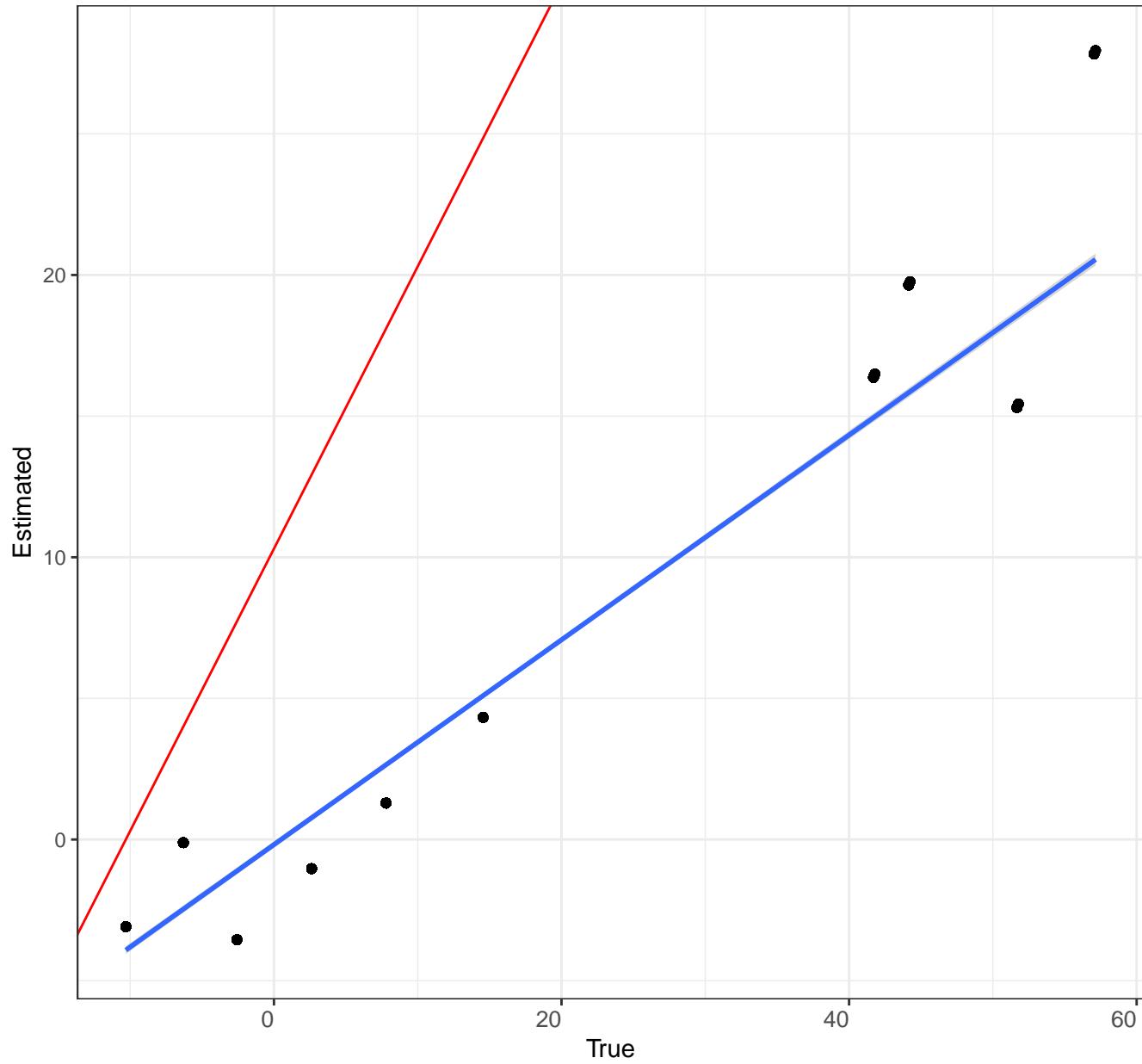


Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=50 ,r=5 true gr K=4 ,type=4 ,N=204 pN=0.11

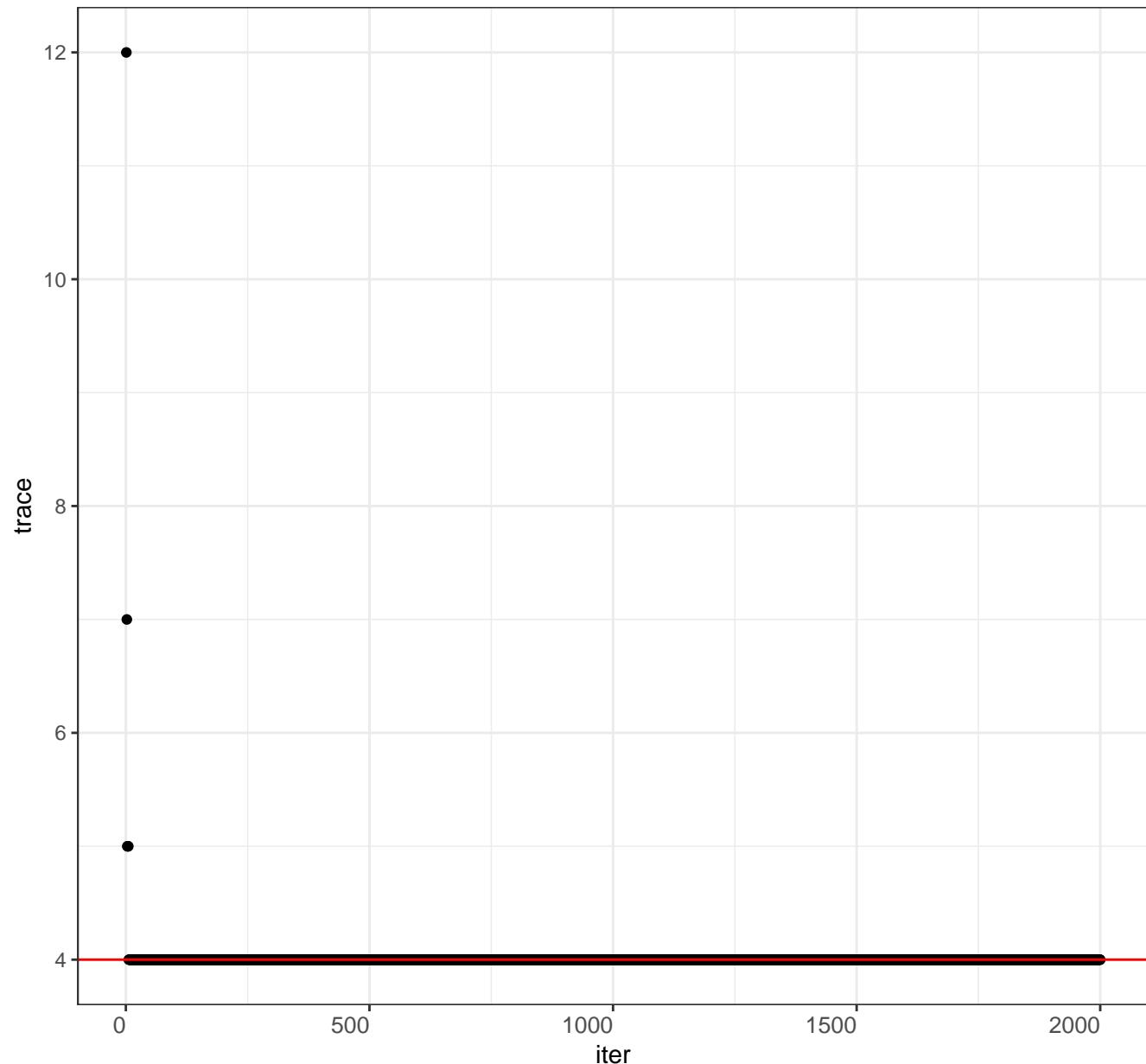


True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 r=5 true K=4 type=4

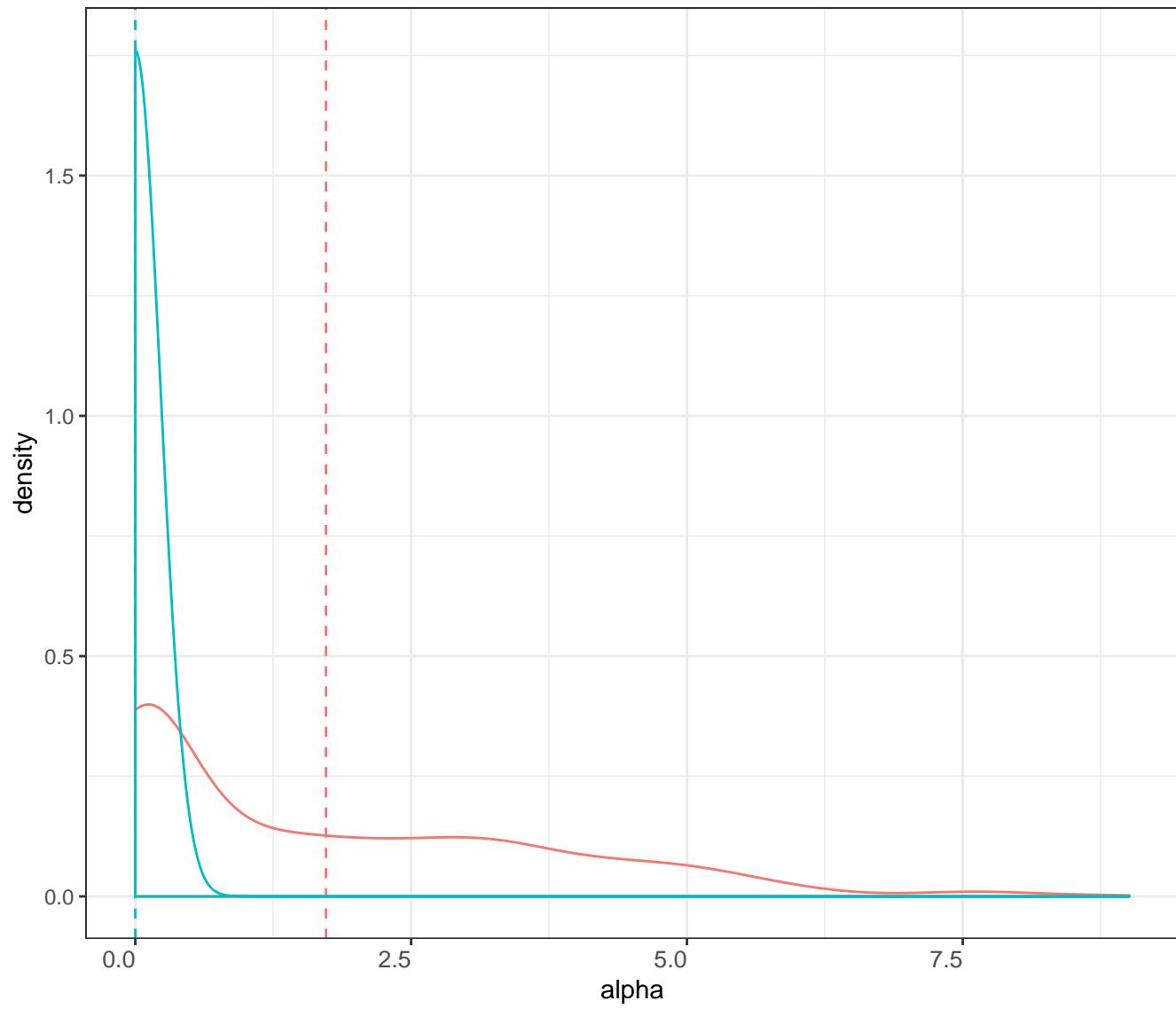
Trace plot for the number of groups K for S=50 r=5 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=50 ,r=5 true gr K=4 ,type=4 ,N=204

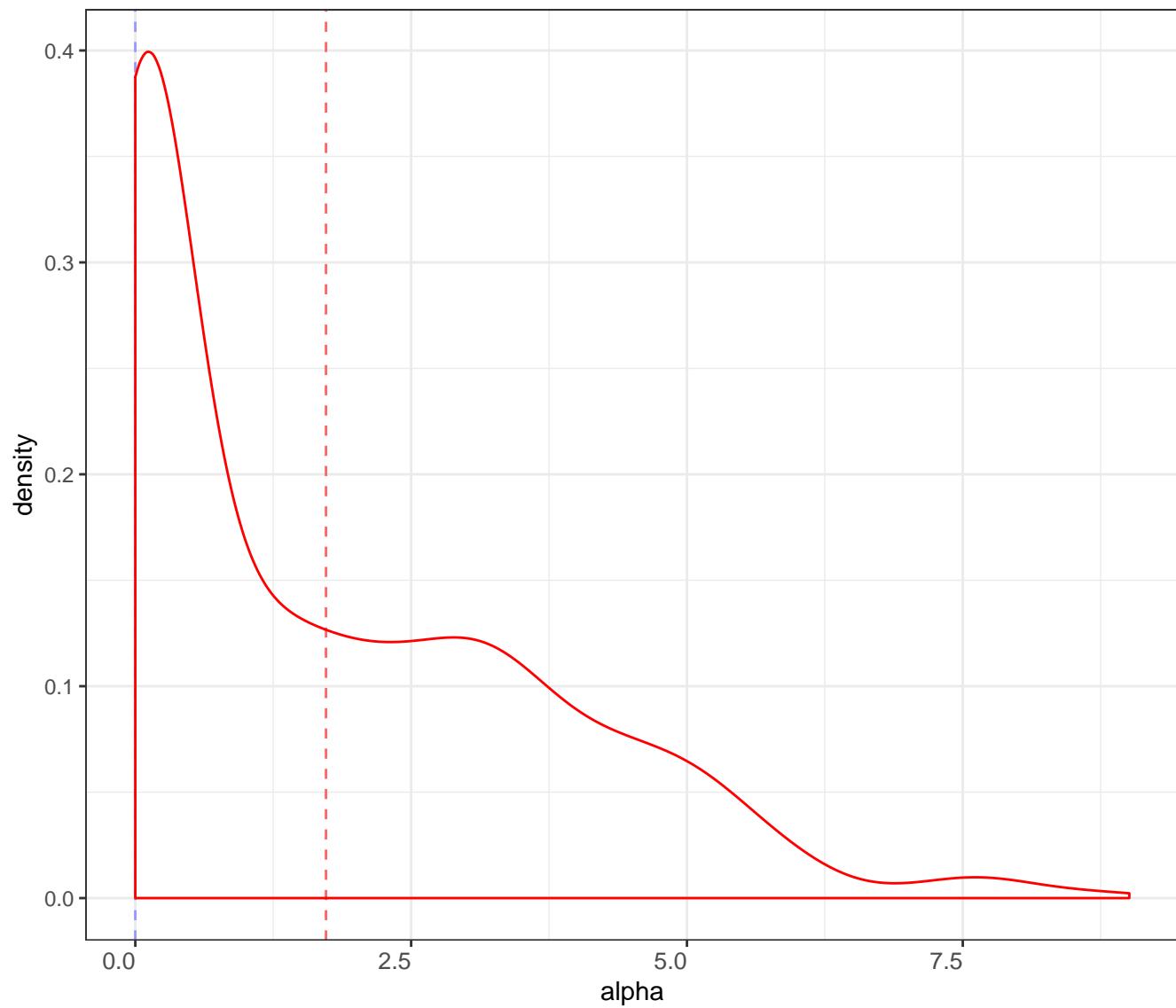
type [] posterior [] prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

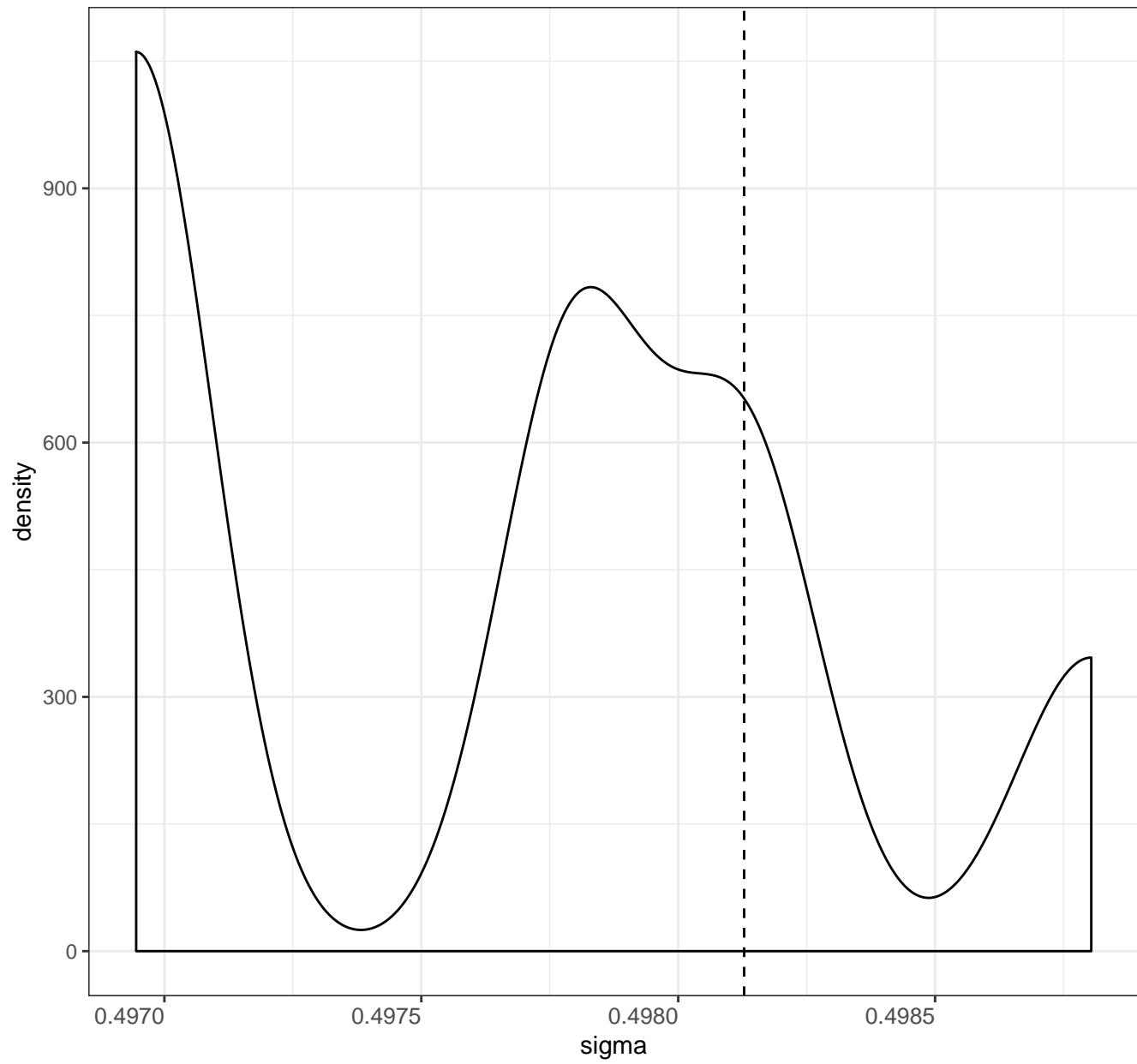
Posterior distribution for alpha

Legend | posterior mean | prior mean

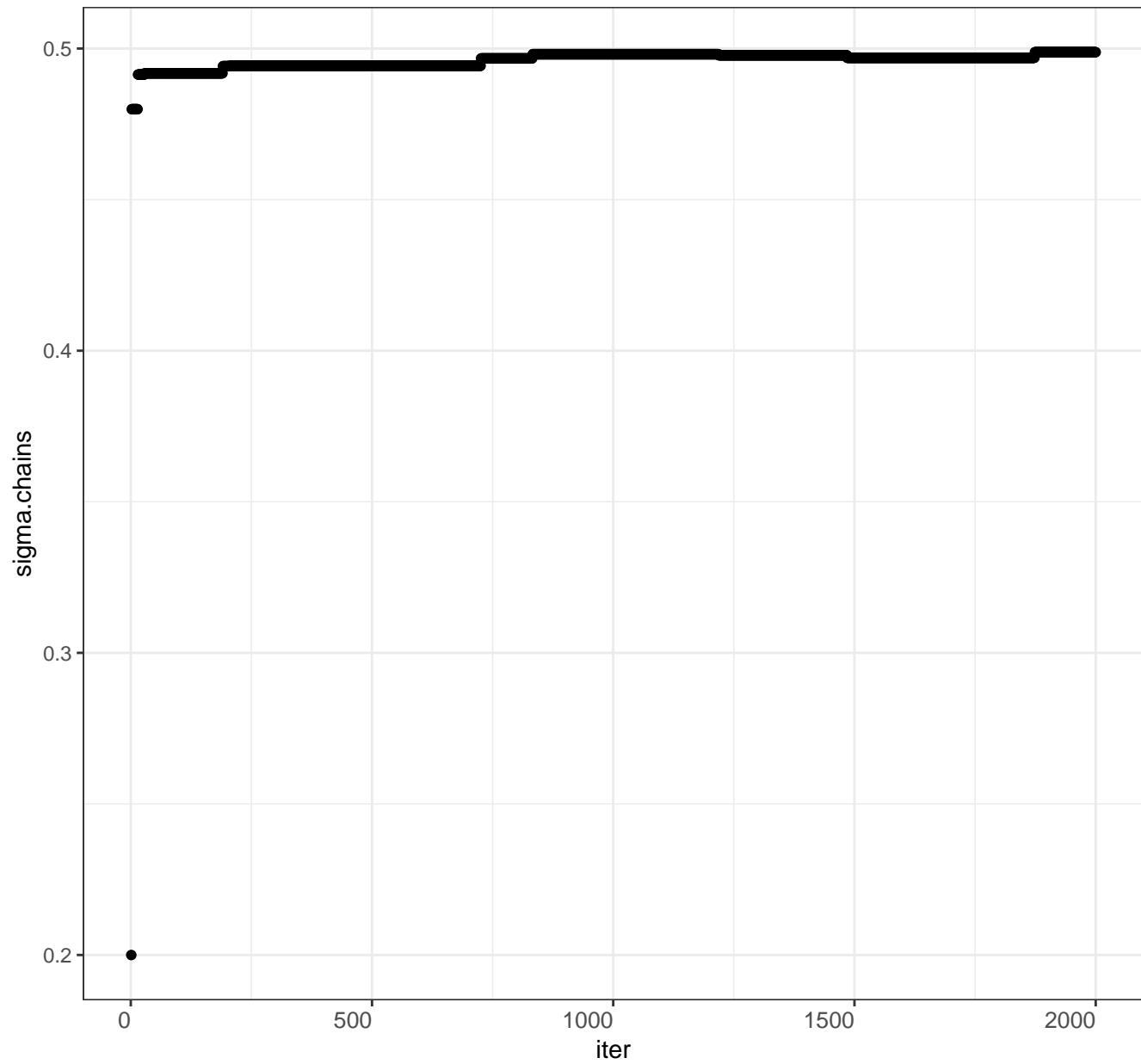


Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=5 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=50 ,r=5 true gr K=4 ,type=4 ,N=204

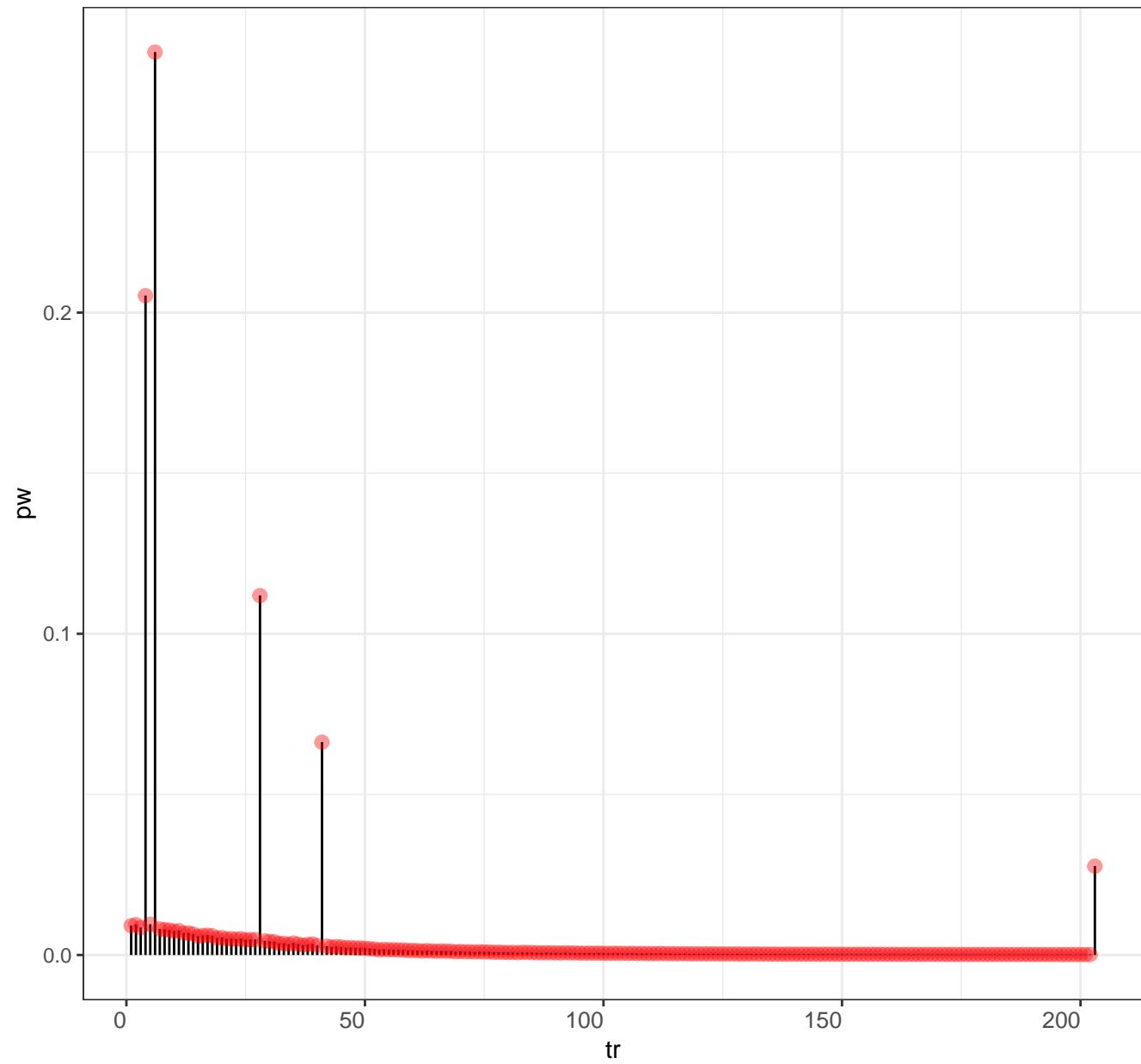


Trace plot for the sigma for S=50 r=5 true K=4 type=4



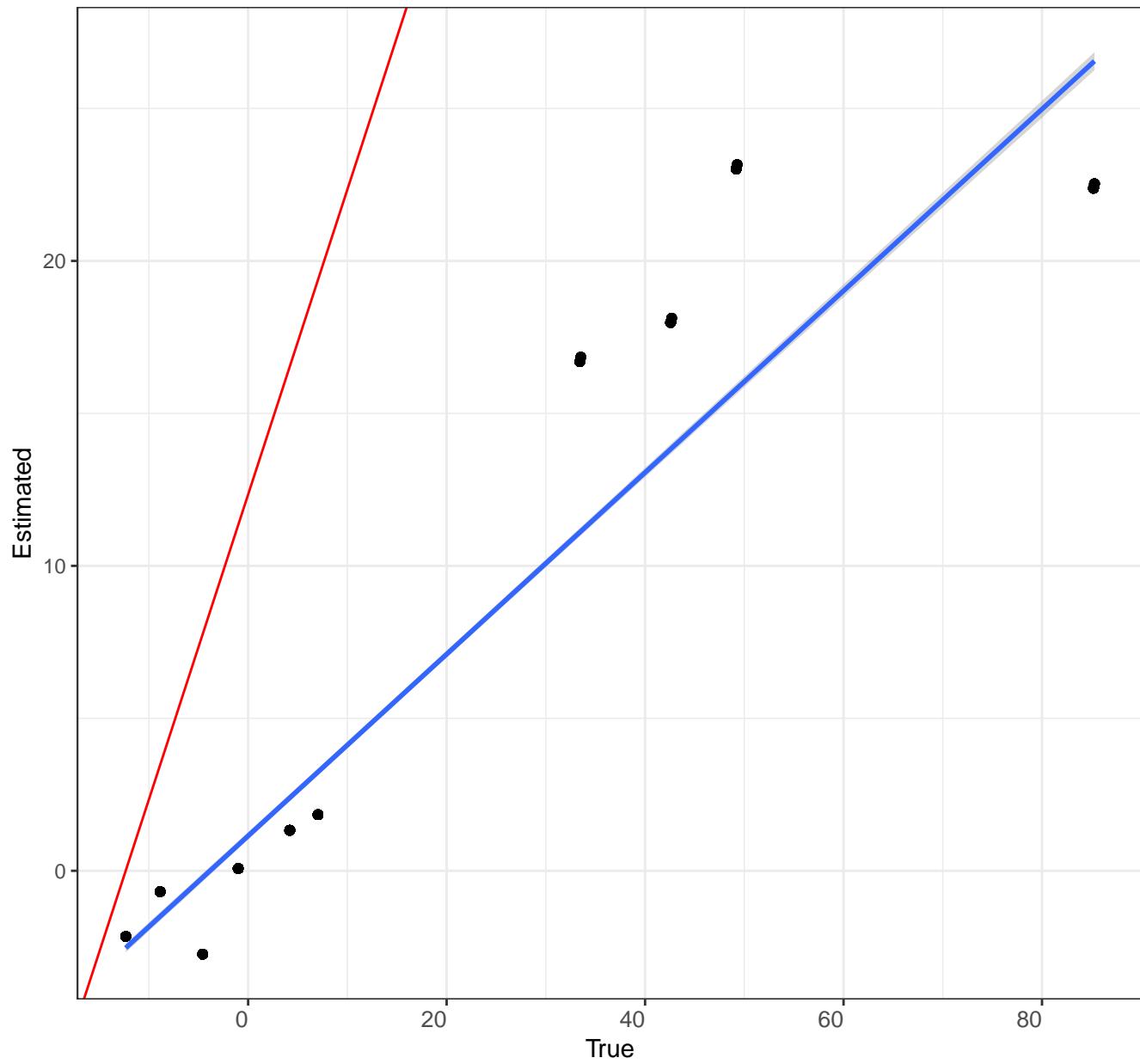
Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=50 ,r=5 true gr K=4 ,type=4 ,N=204 pN=0.028



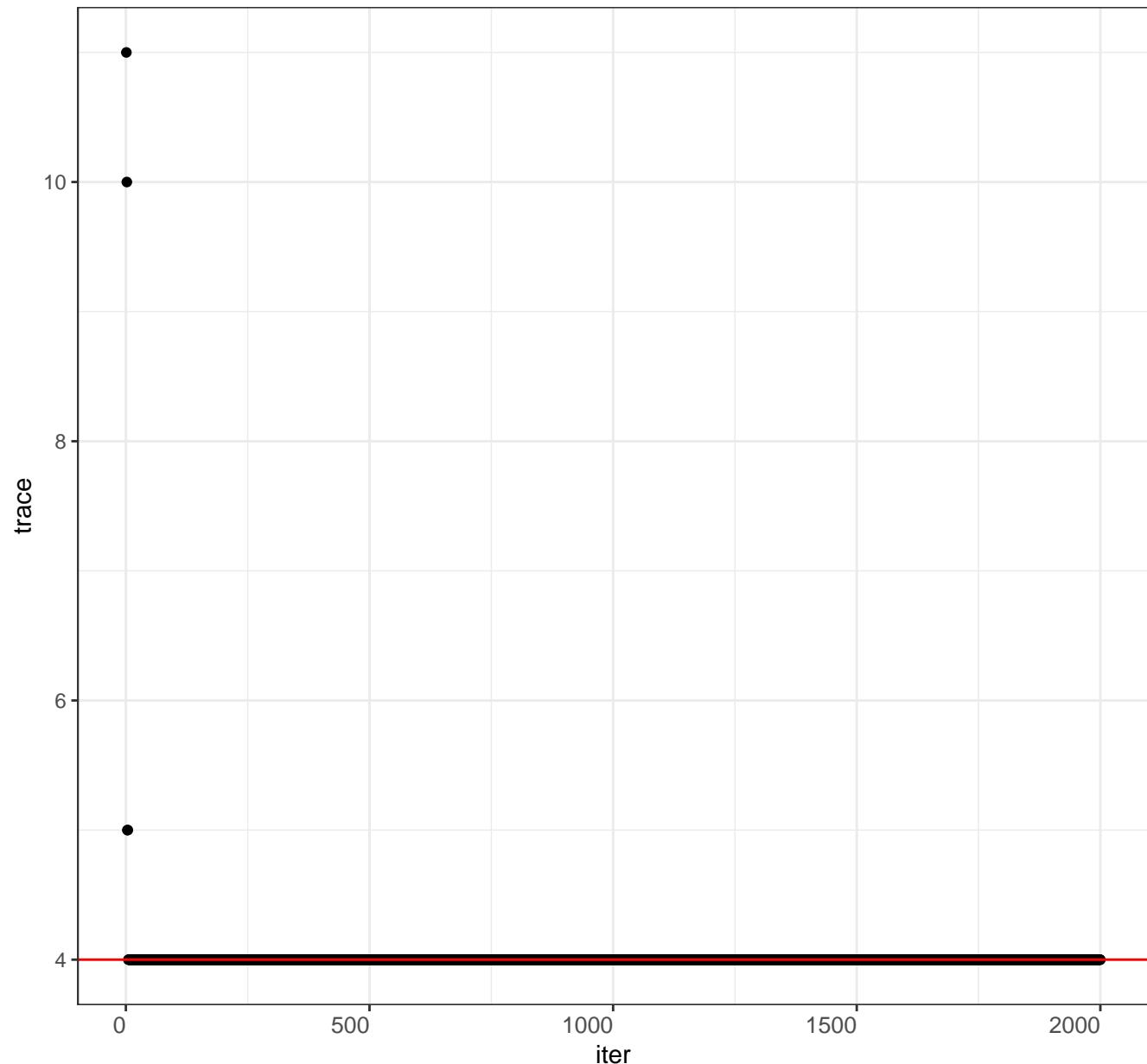
Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 r=5 true K=4 type=4

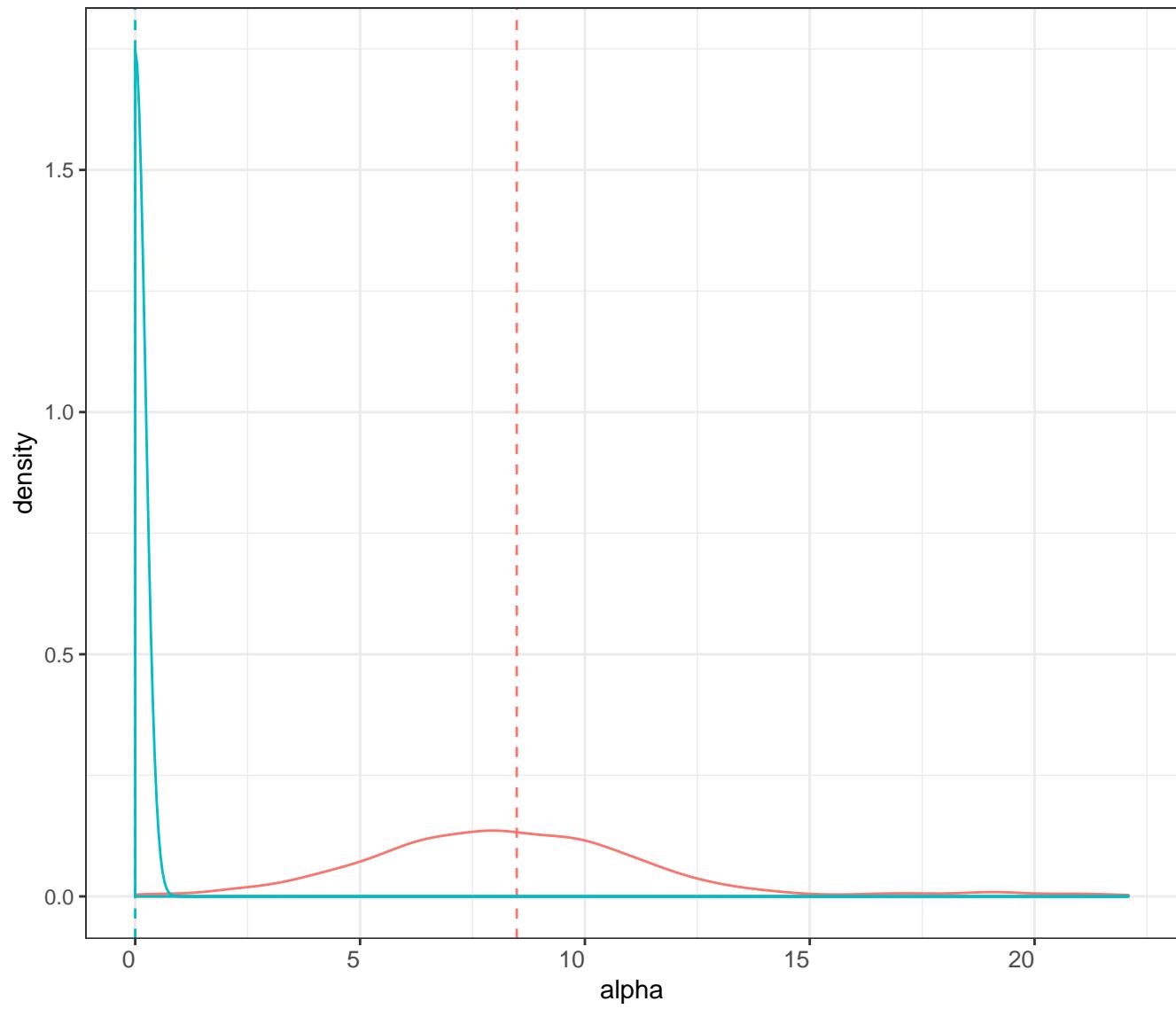
Trace plot for the number of groups K for S=50 r=5 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=50 ,r=5 true gr K=4 ,type=4 ,N=204

type [] posterior [] prior



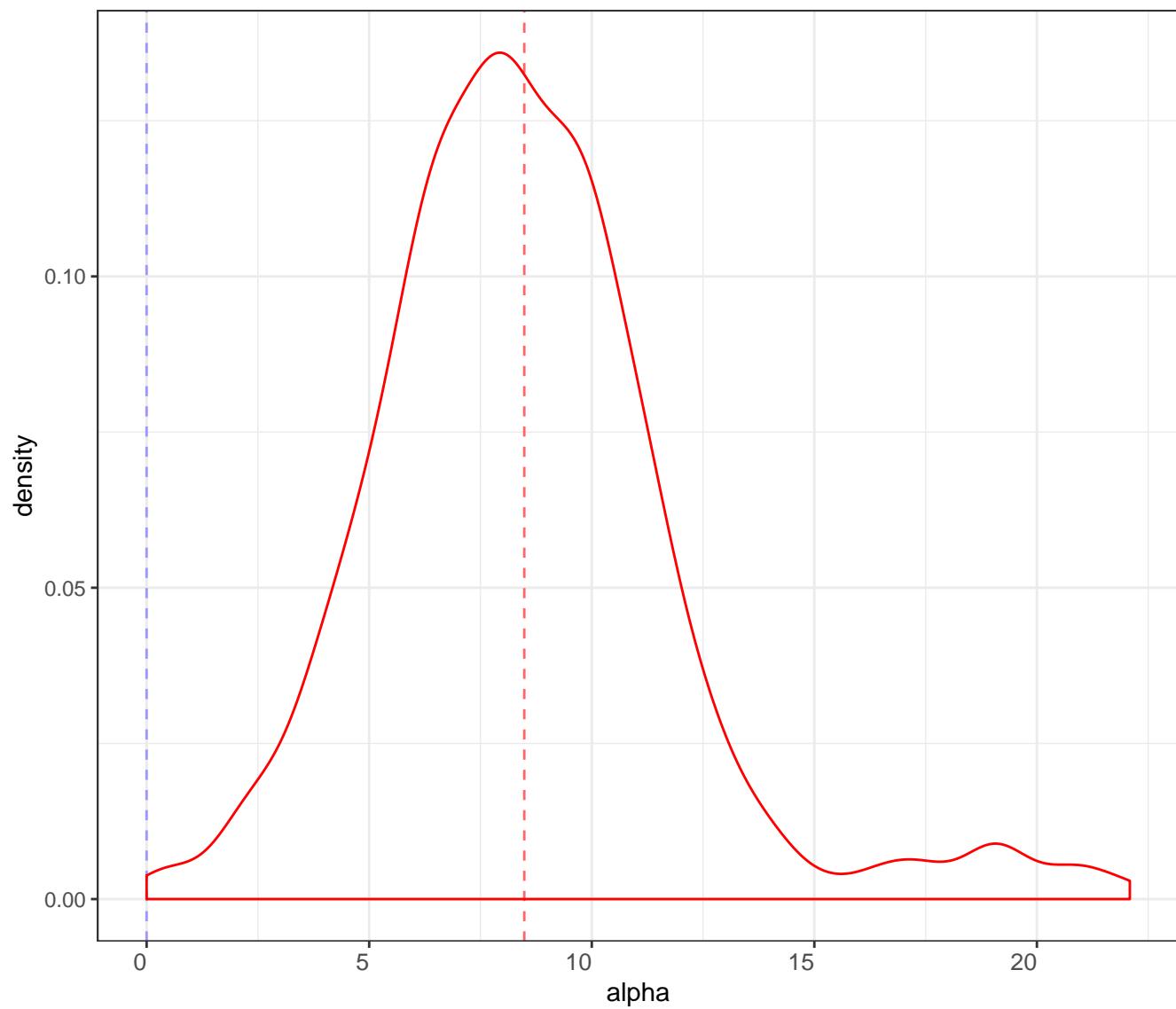
Number of iterations: 2000 burnin: 1000 number of samples: 500

Posterior distribution for alpha

Legend

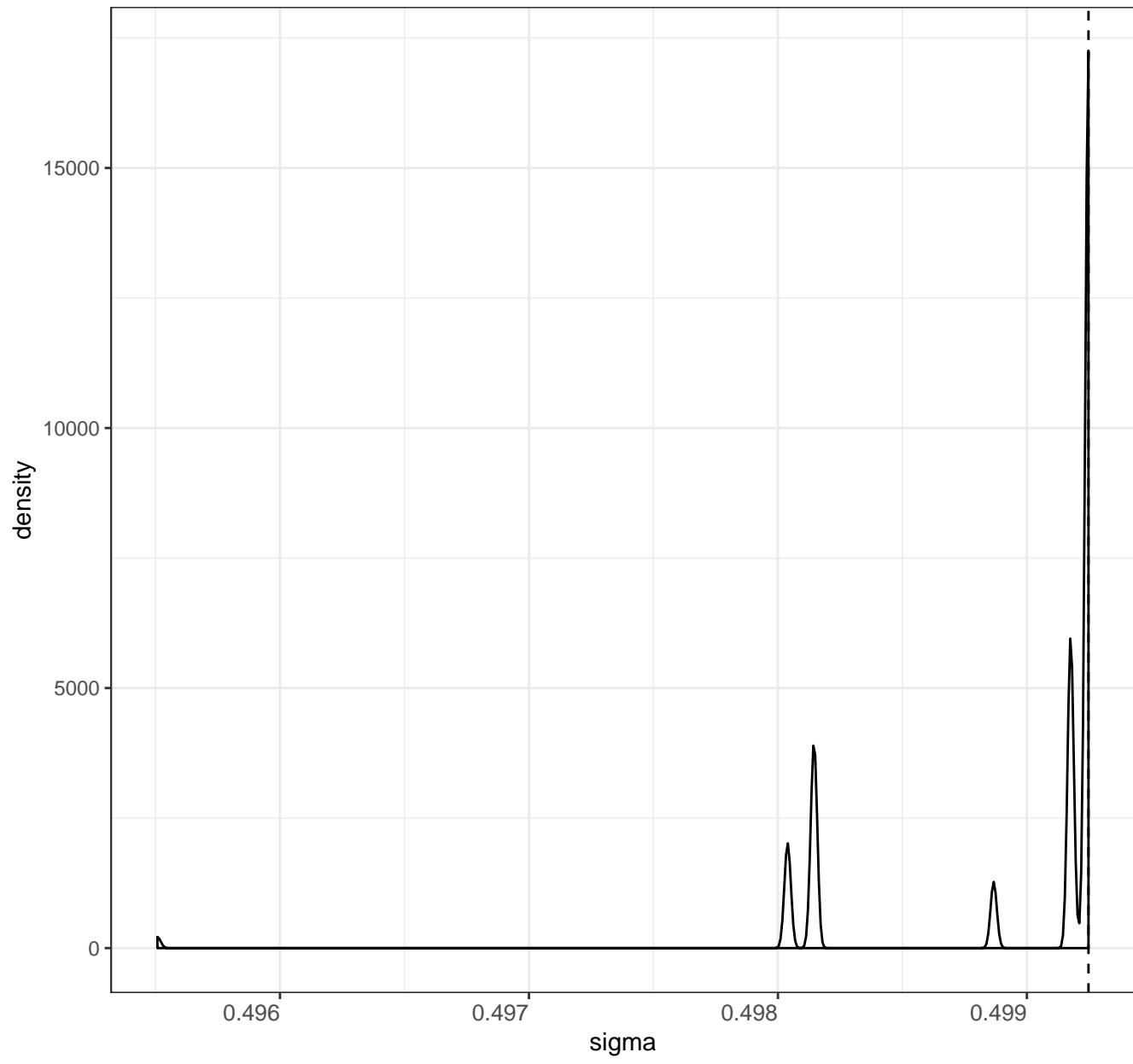
posterior mean

prior mean

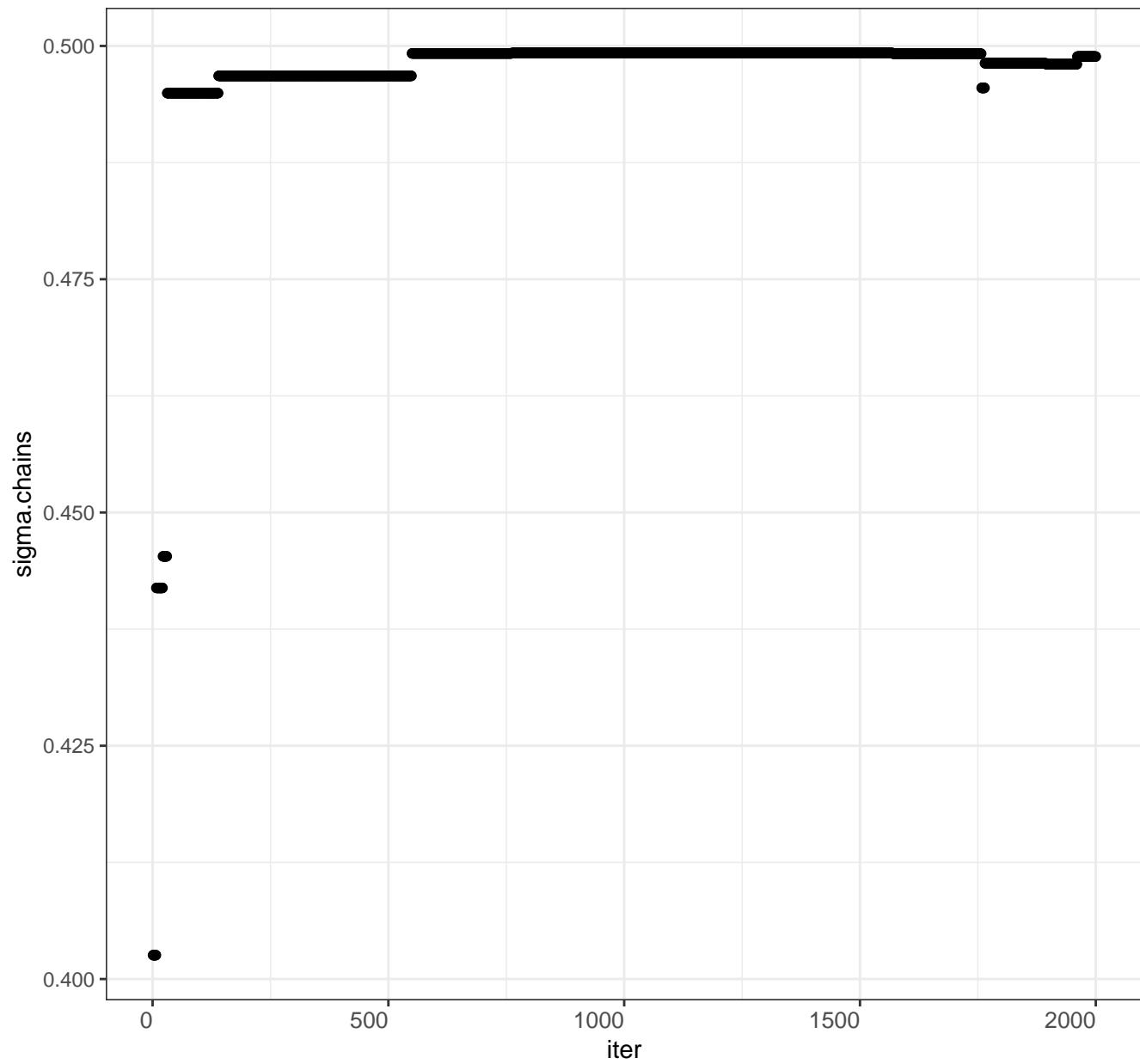


Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=5 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=50 ,r=5 true gr K=4 ,type=4 ,N=204

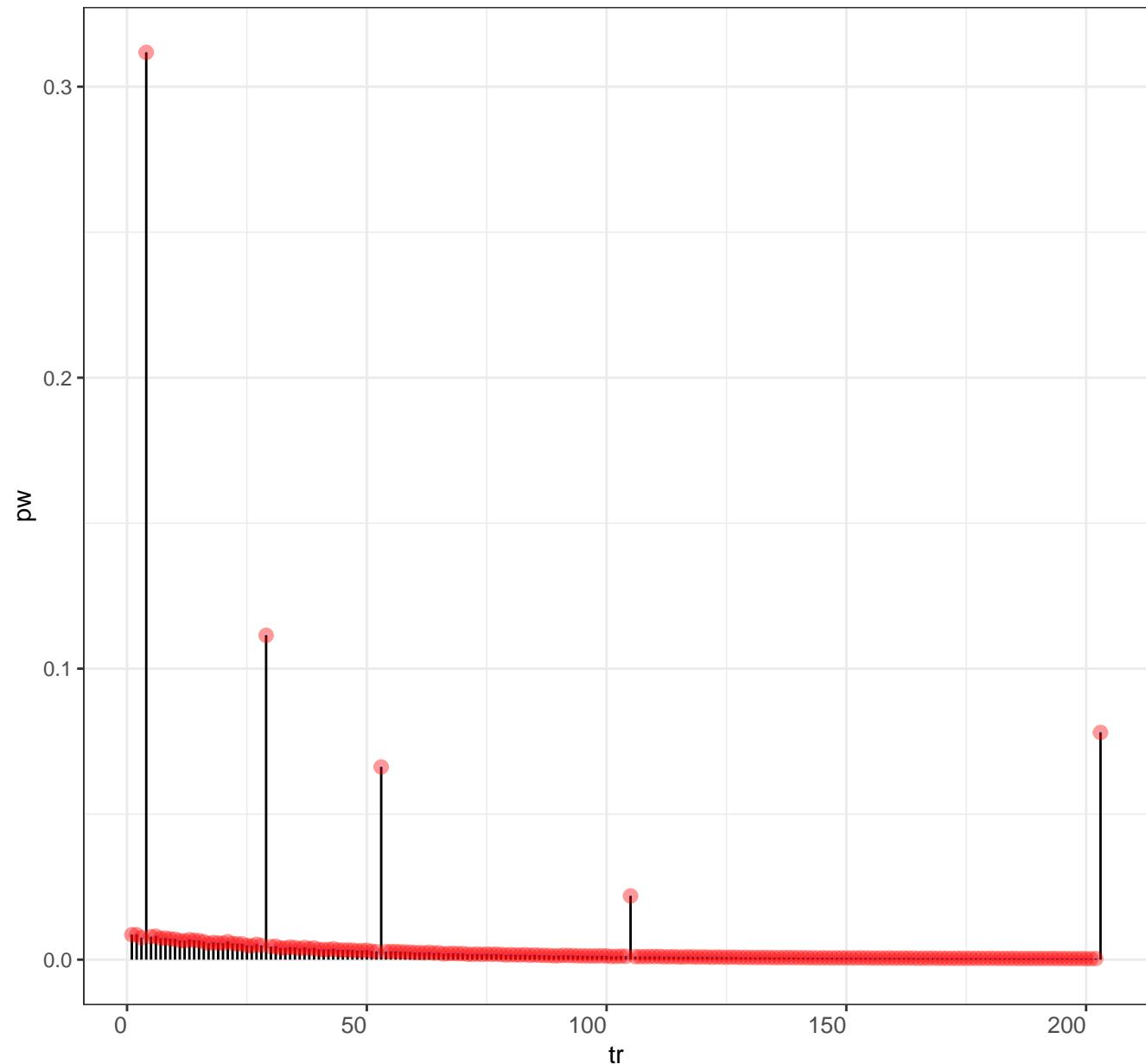


Trace plot for the sigma for S=50 r=5 true K=4 type=4



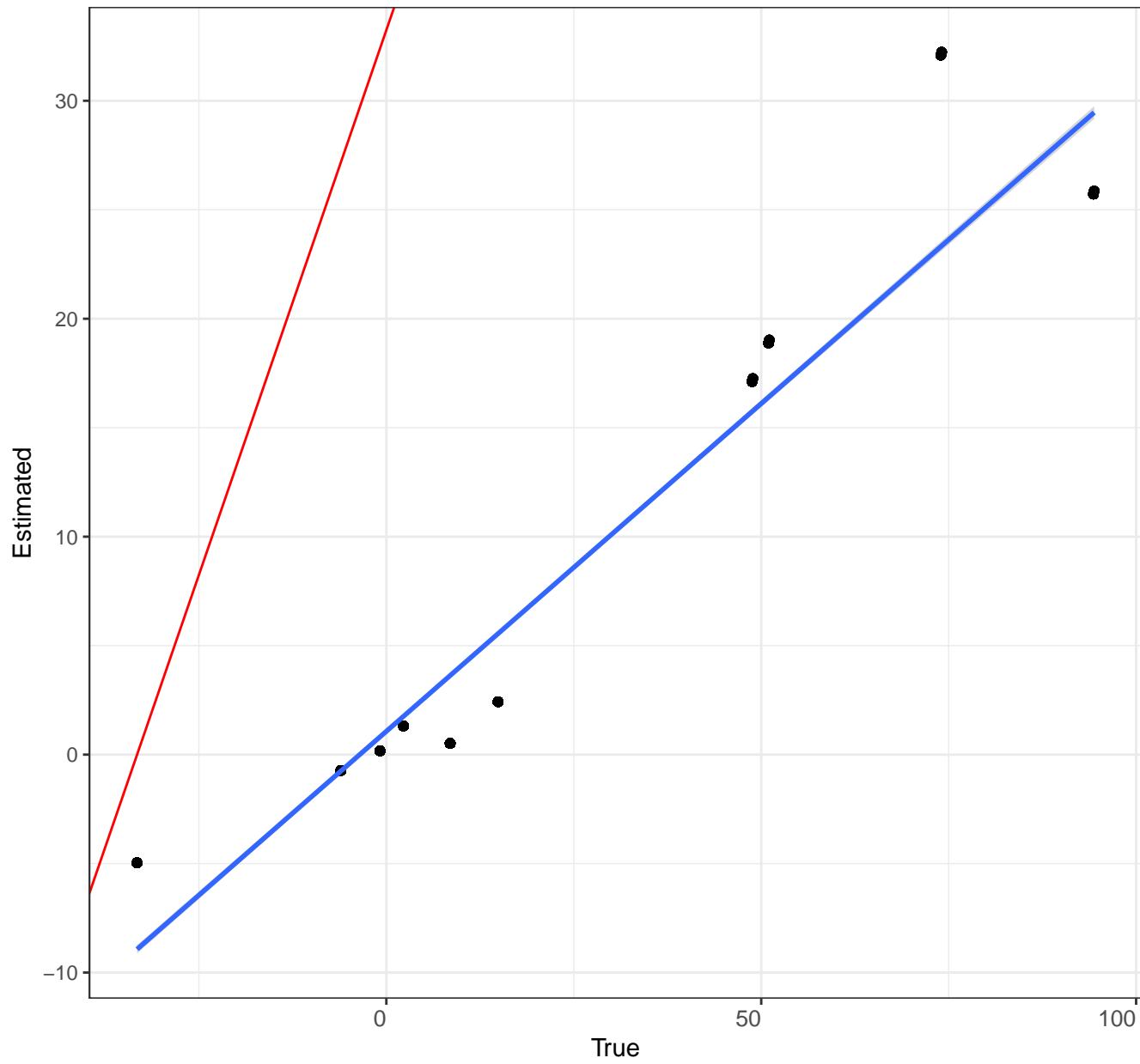
Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=50 ,r=5 true gr K=4 ,type=4 ,N=204 pN=0.078



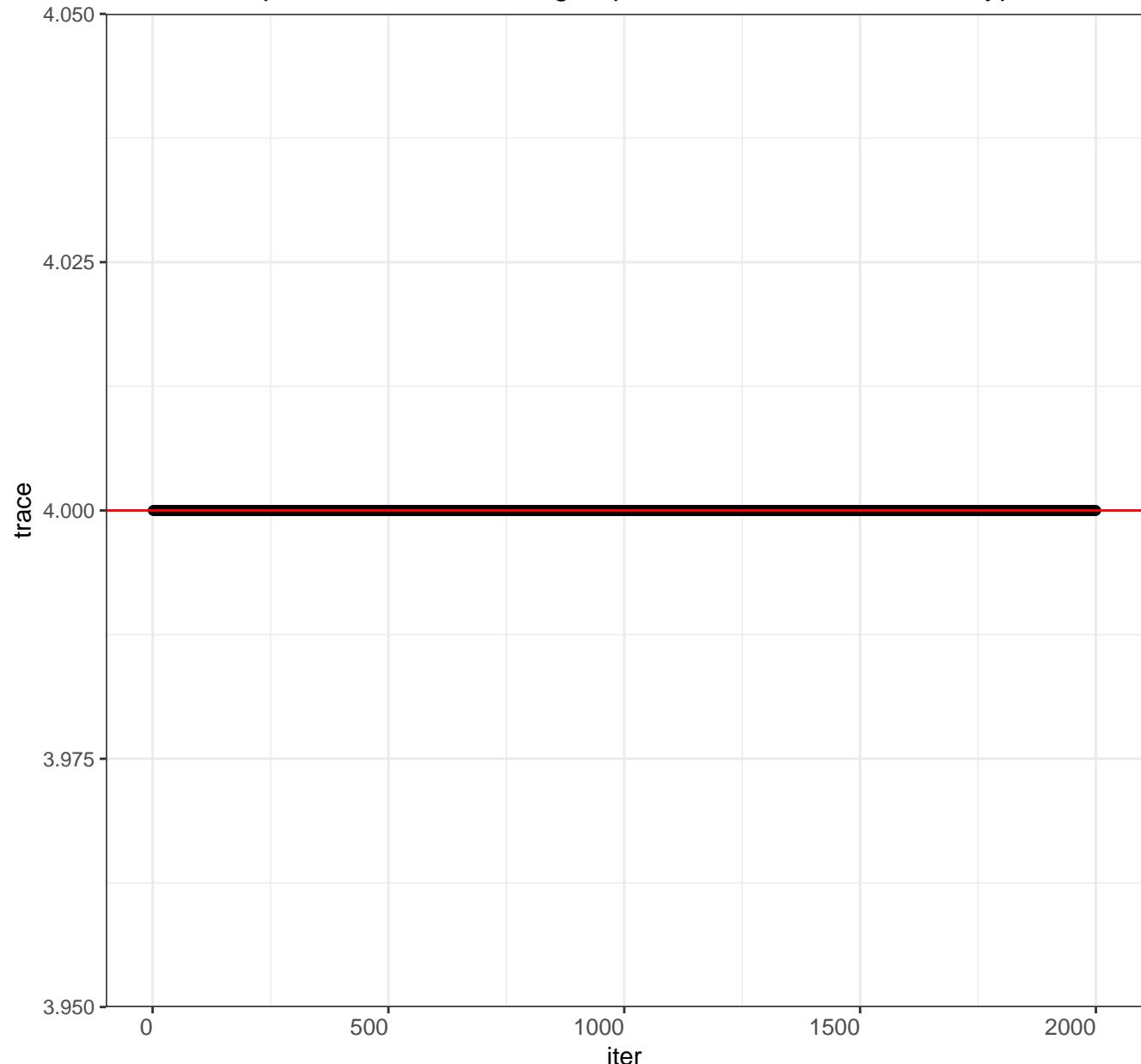
Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 r=5 true K=4 type=4

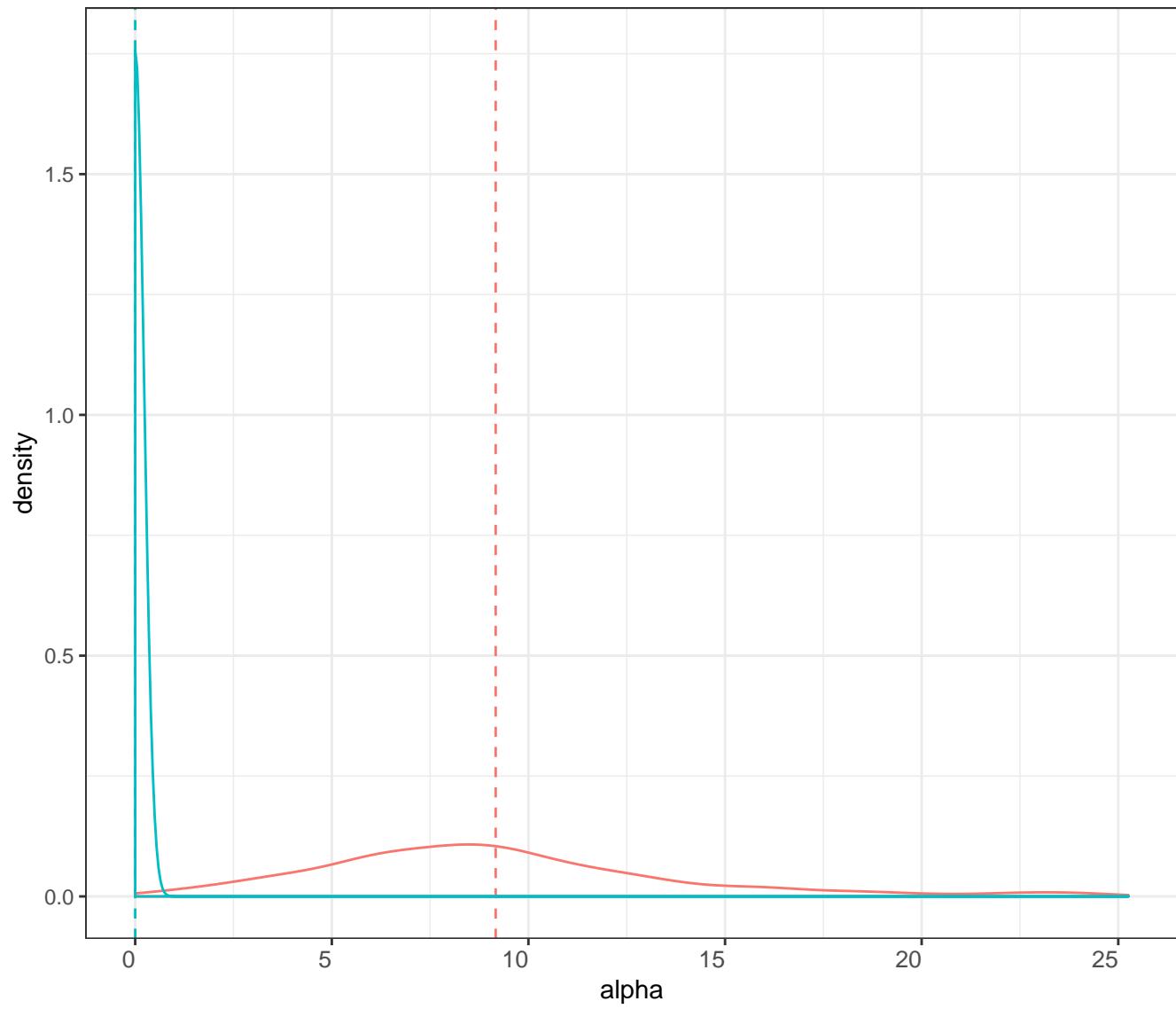
Trace plot for the number of groups K for S=50 r=5 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=50 ,r=5 true gr K=4 ,type=4 ,N=204

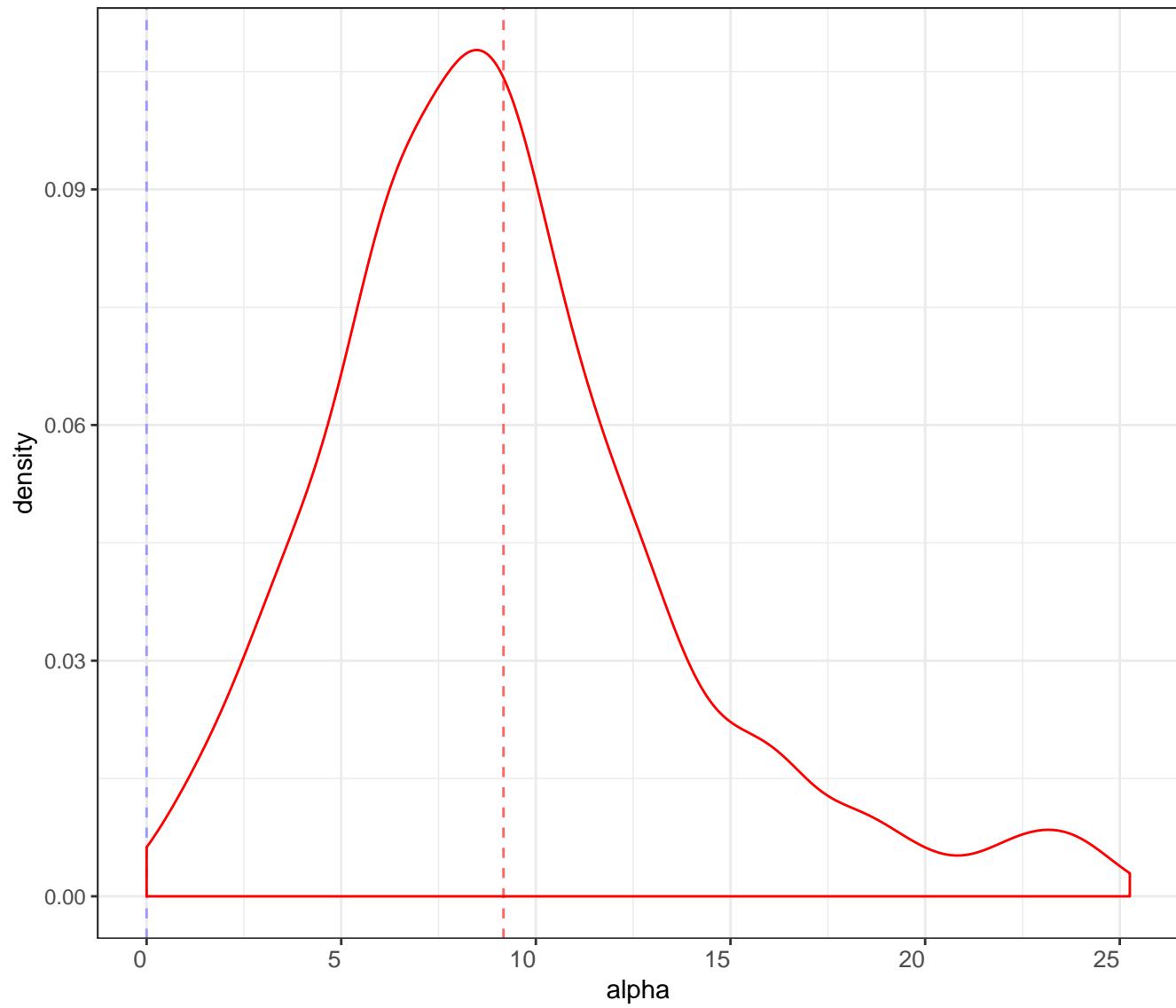
type [] posterior [] prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

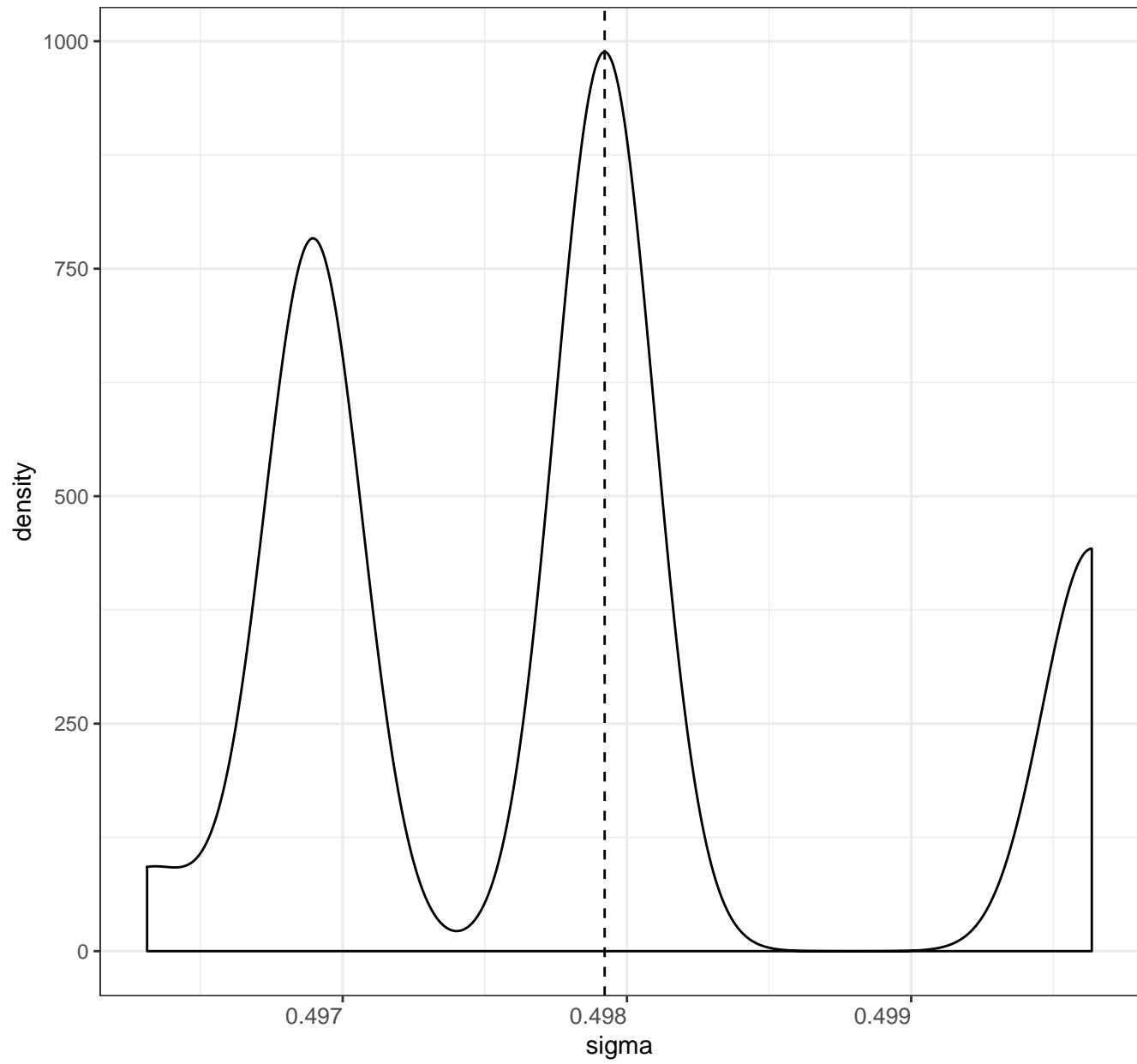
Posterior distribution for alpha

Legend | posterior mean | prior mean

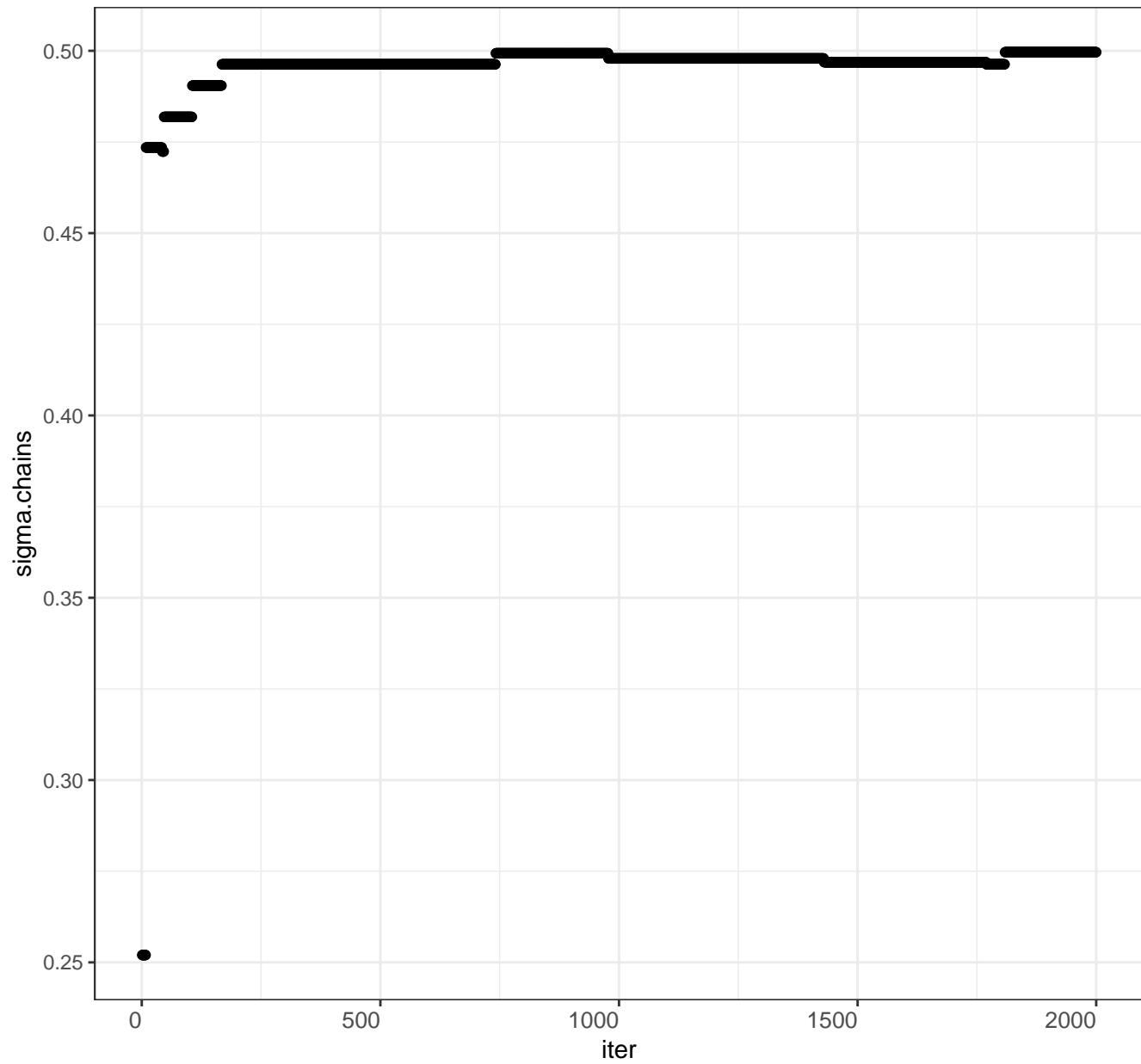


Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=5 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=50 ,r=5 true gr K=4 ,type=4 ,N=204

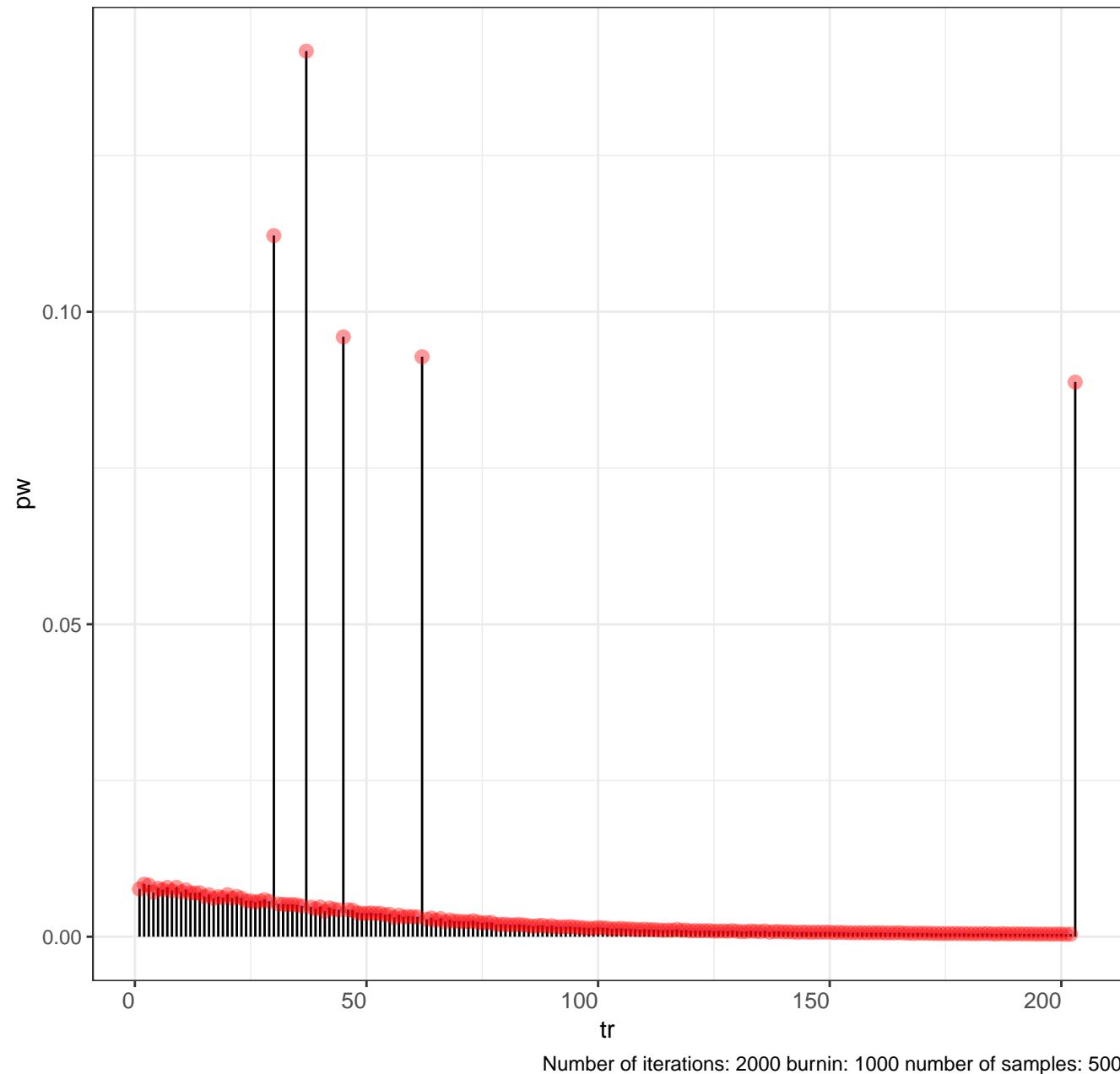


Trace plot for the sigma for S=50 r=5 true K=4 type=4

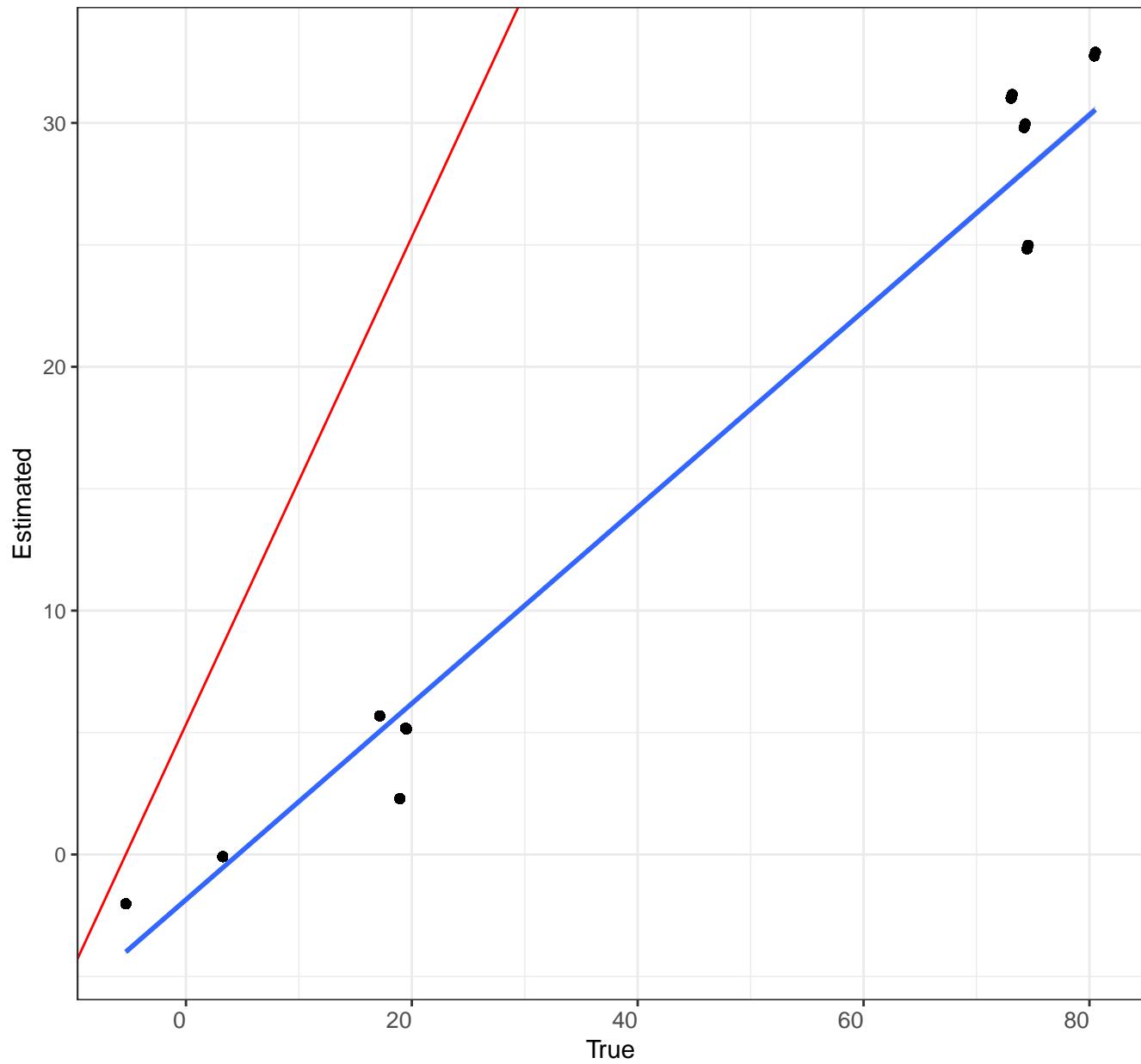


Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=50 ,r=5 true gr K=4 ,type=4 ,N=204 pN=0.089

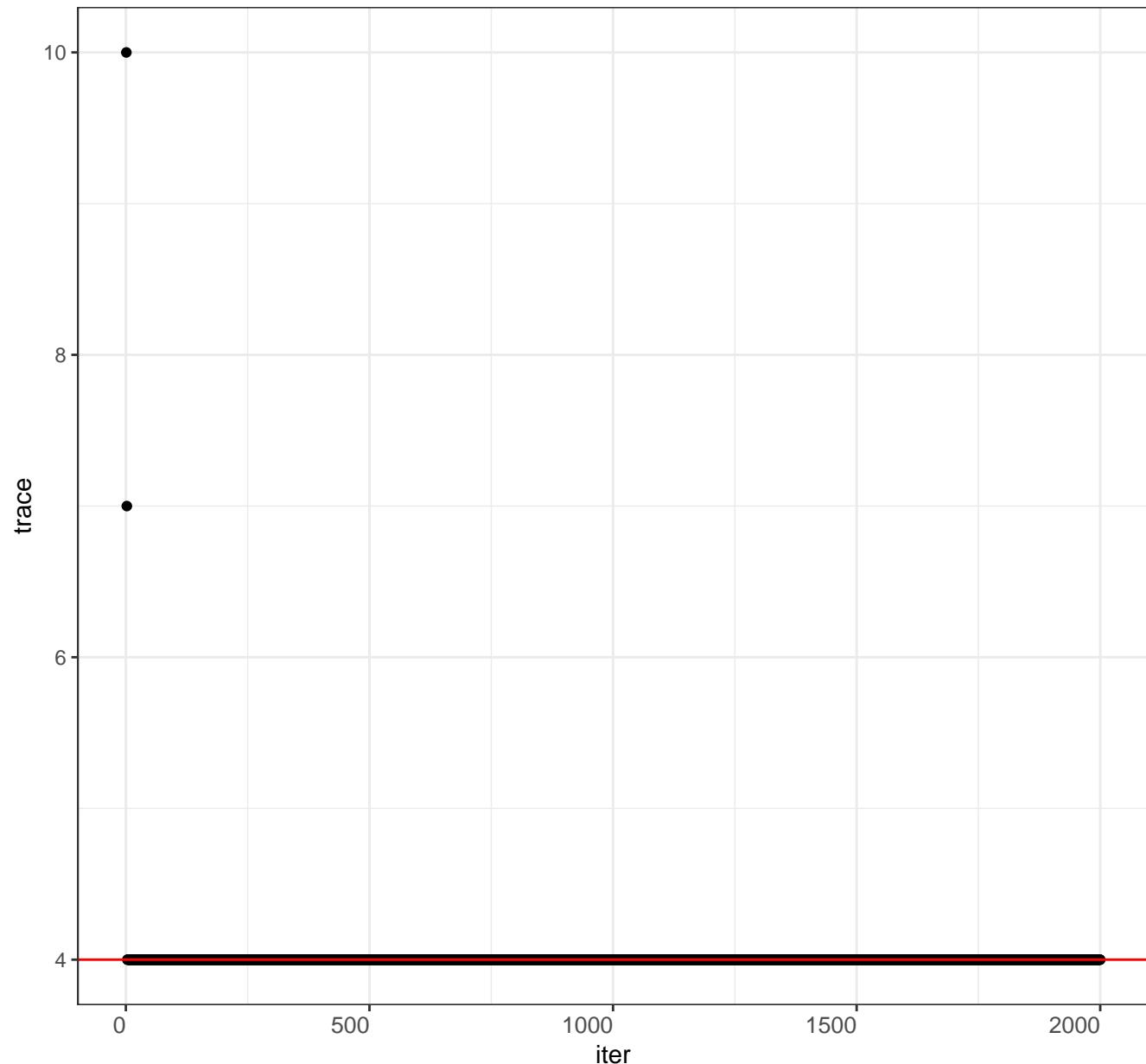


True vs estimated covariance parameters



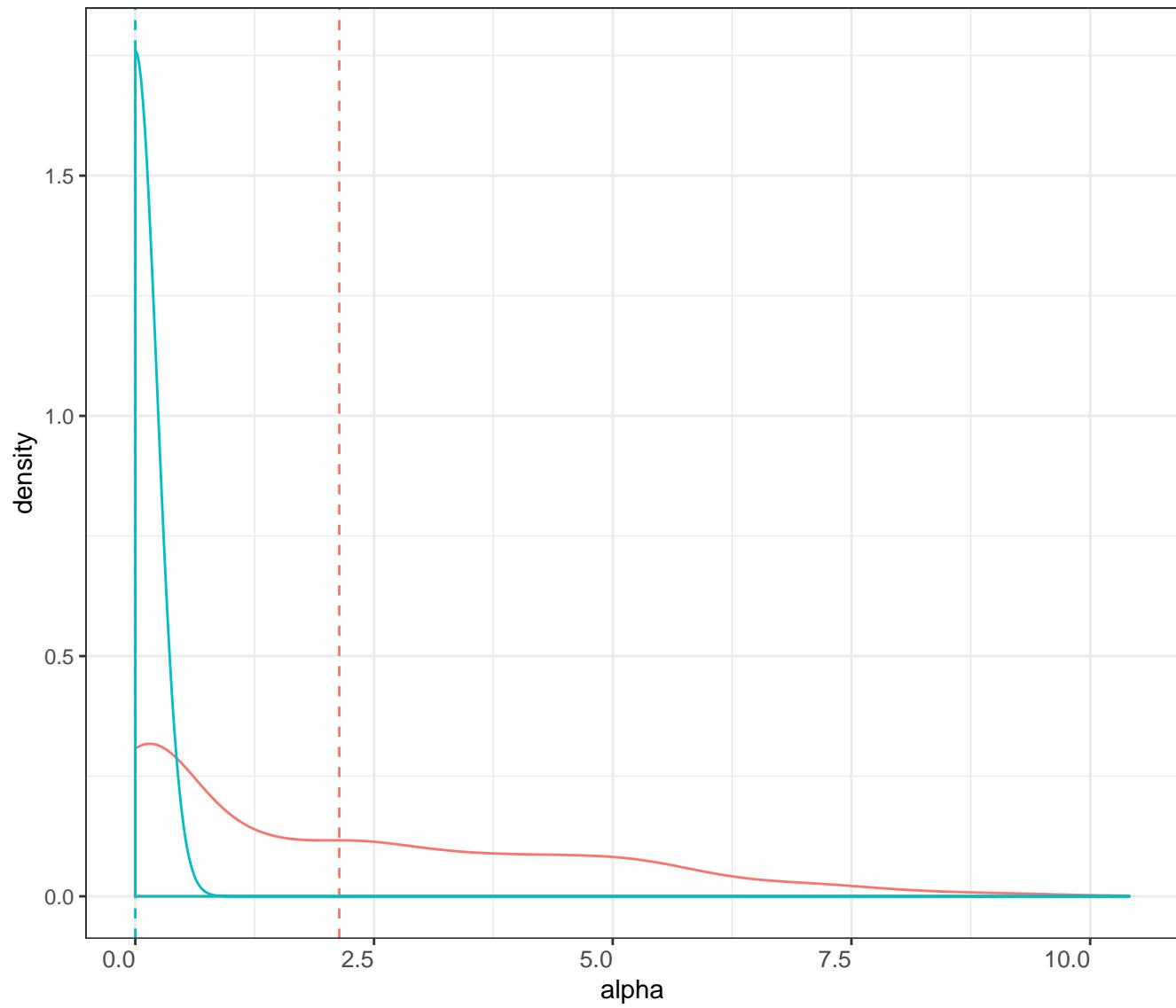
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 r=5 true K=4 type=4

Trace plot for the number of groups K for S=50 r=5 true K=4 type=4



Distribution alpha: S=50 ,r=5 true gr K=4 ,type=4 ,N=204

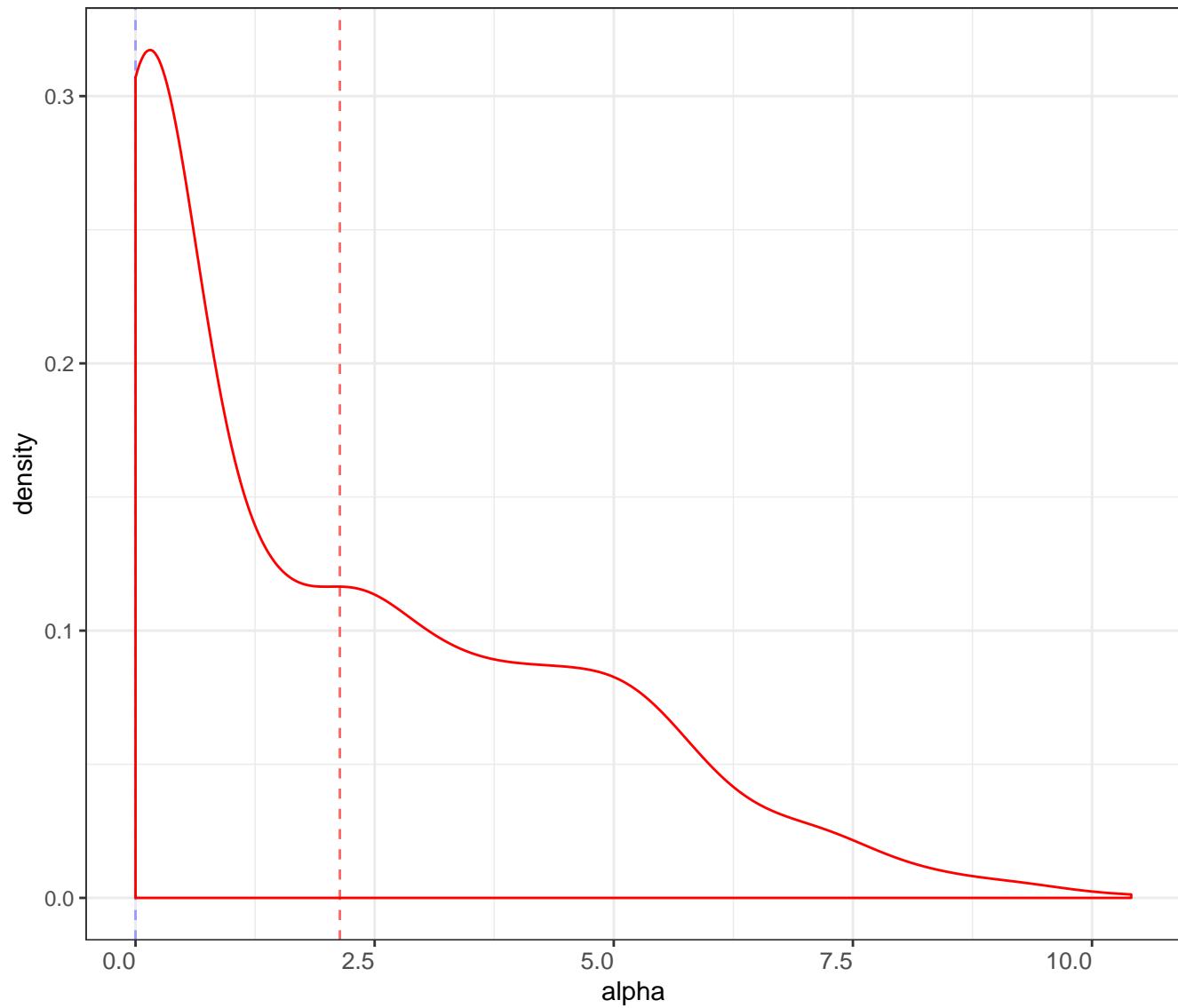
type [] posterior [] prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

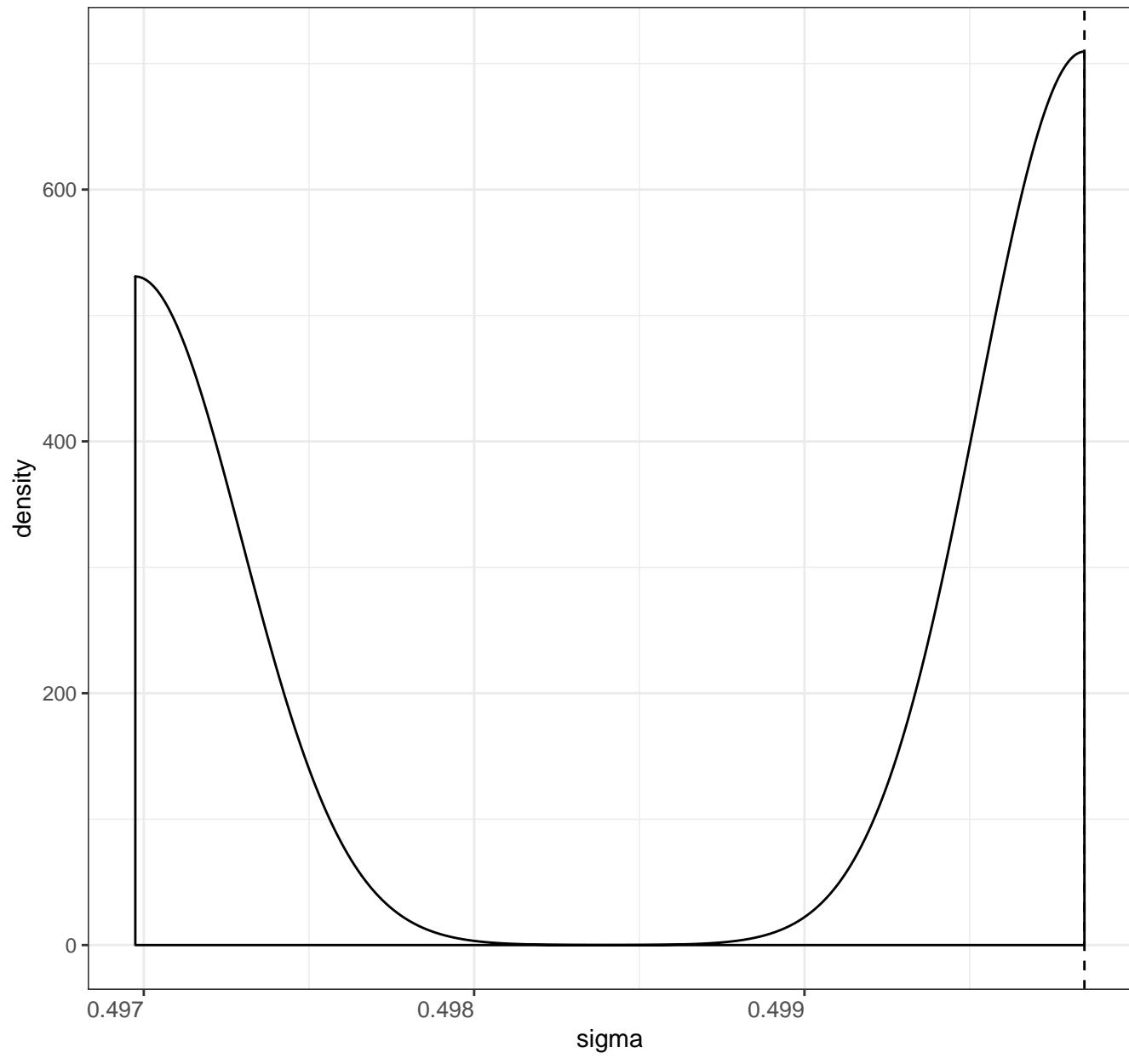
Posterior distribution for alpha

Legend | posterior mean | prior mean

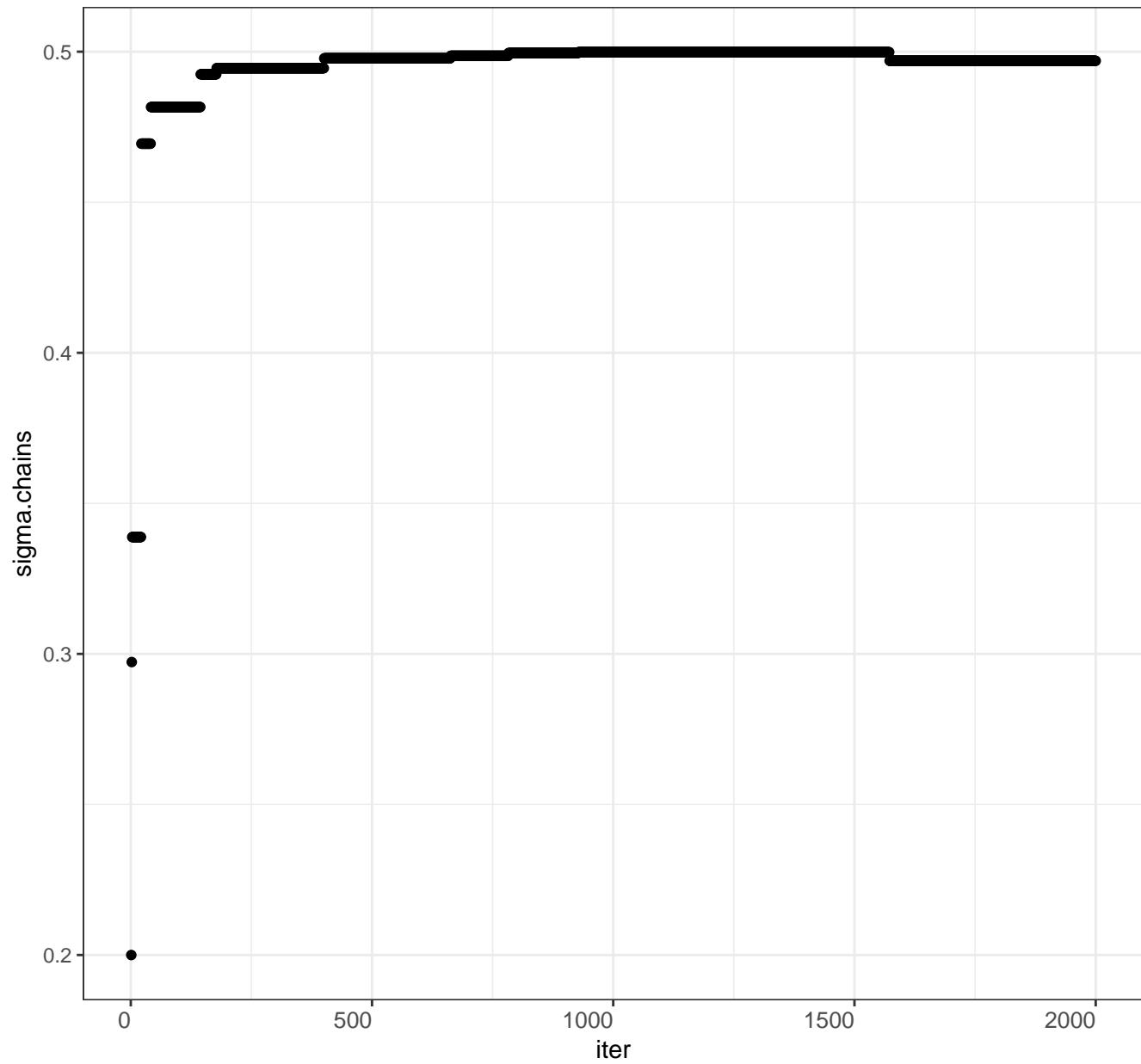


Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=5 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=50 ,r=5 true gr K=4 ,type=4 ,N=204

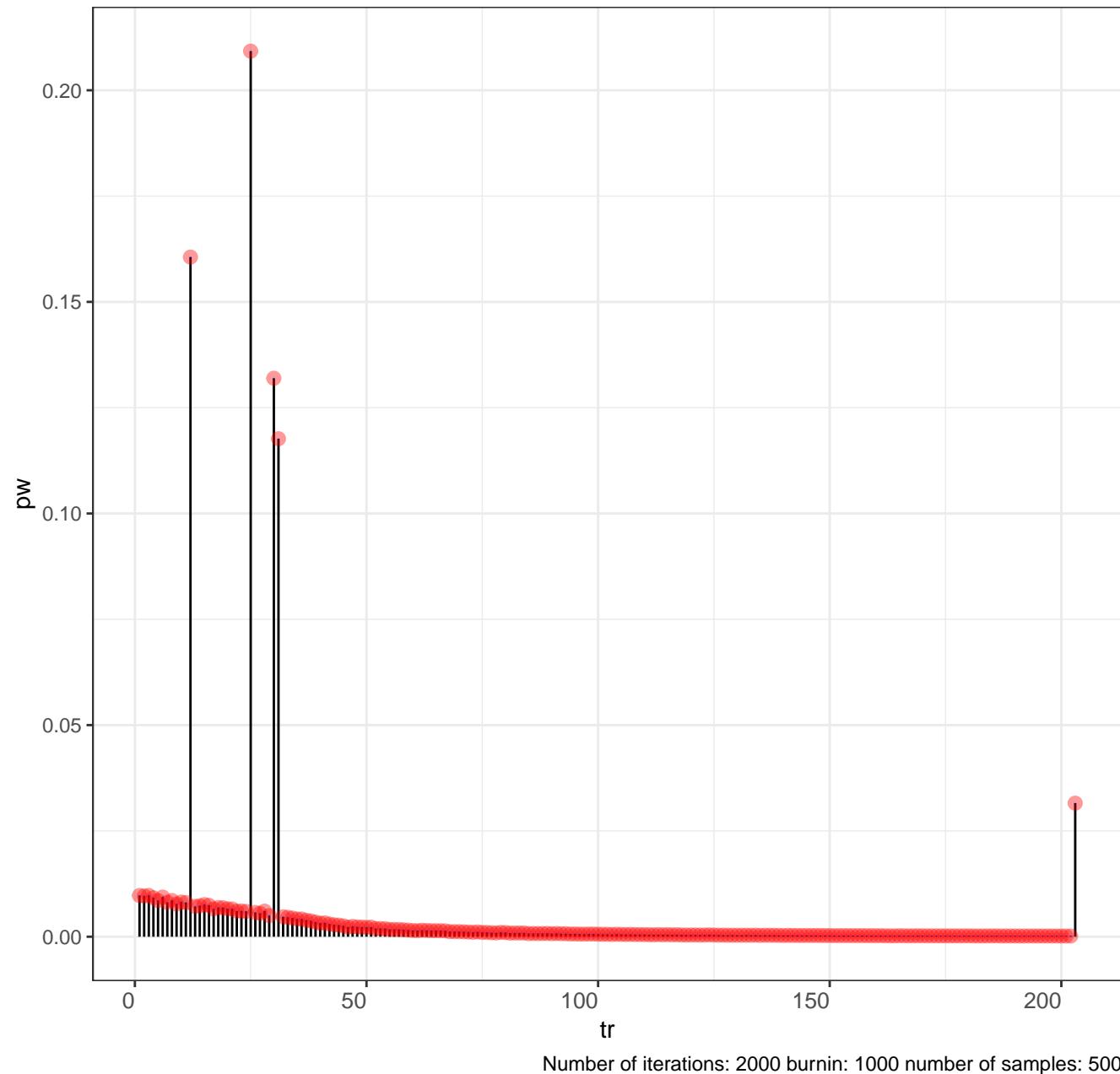


Trace plot for the sigma for S=50 r=5 true K=4 type=4

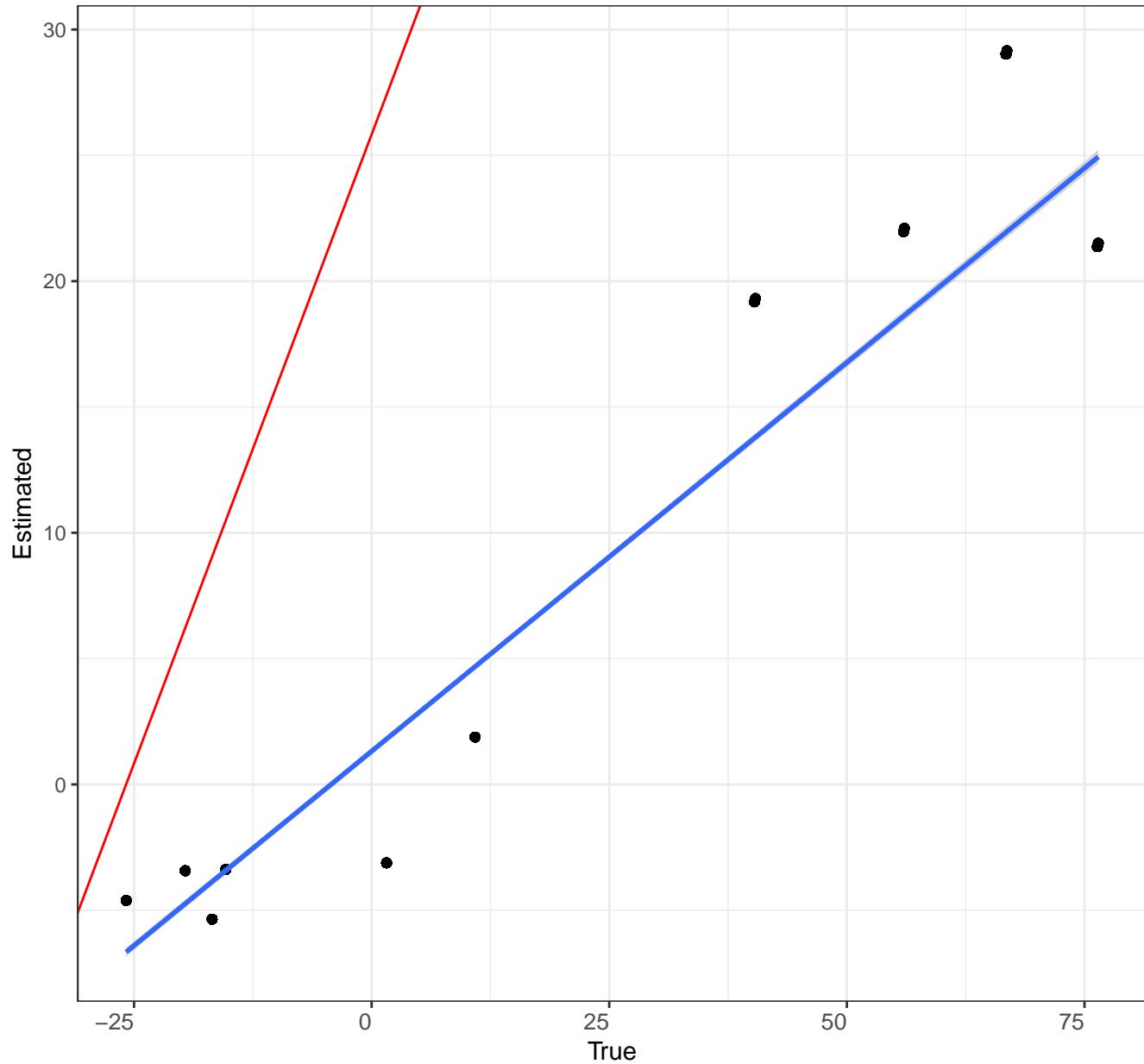


Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=50 ,r=5 true gr K=4 ,type=4 ,N=204 pN=0.032

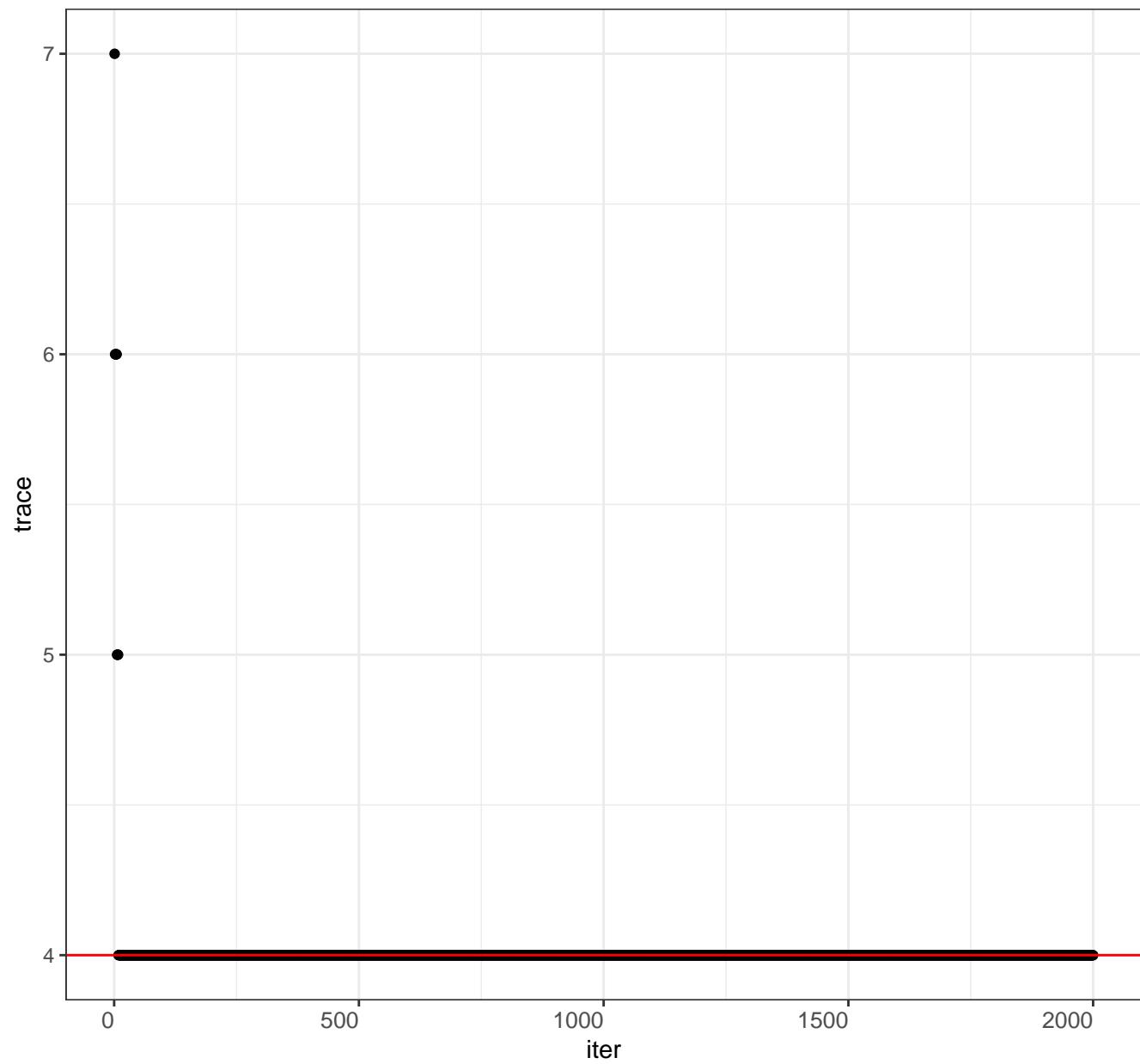


True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 r=5 true K=4 type=4

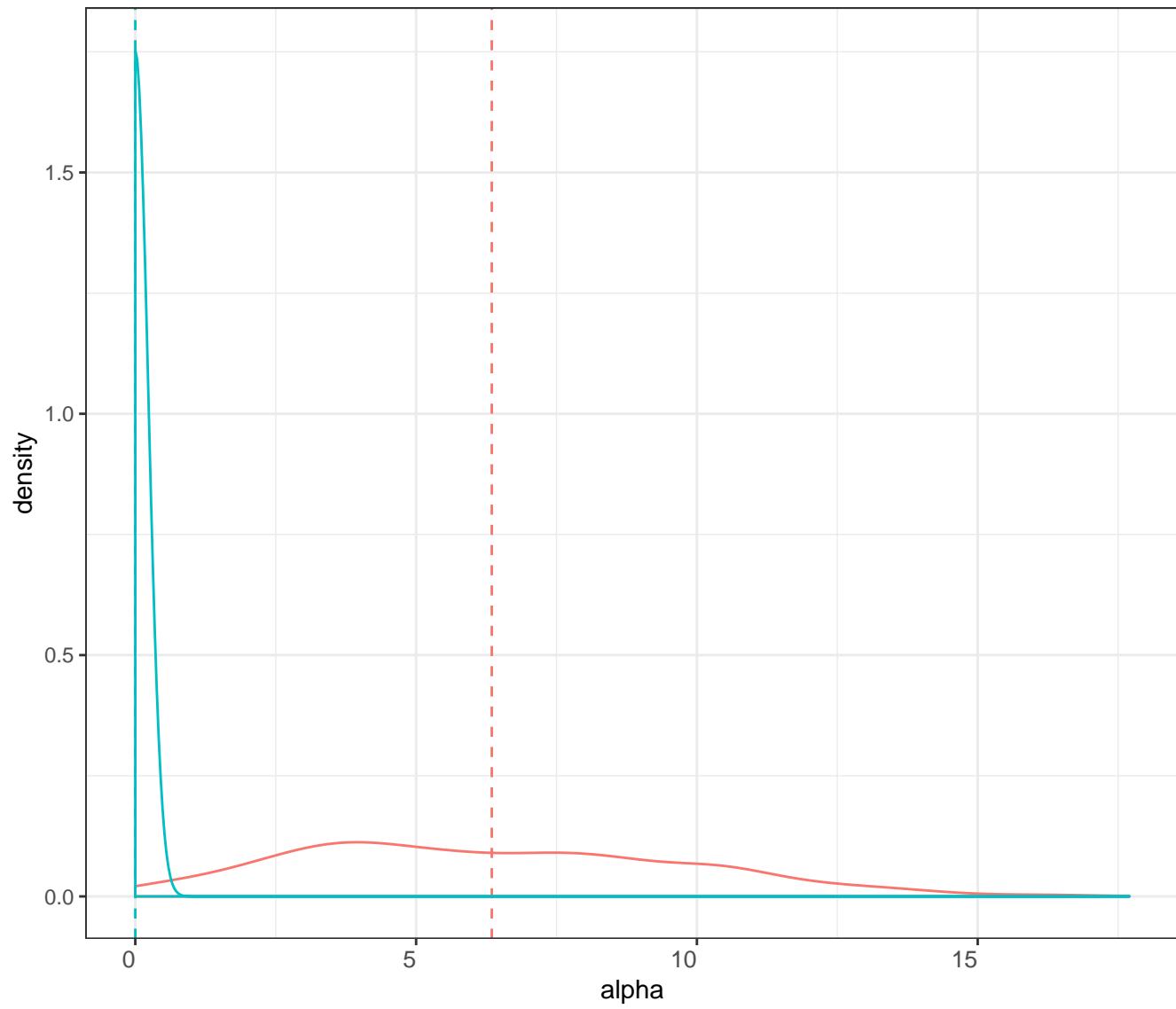
Trace plot for the number of groups K for S=50 r=5 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=50 ,r=5 true gr K=4 ,type=4 ,N=204

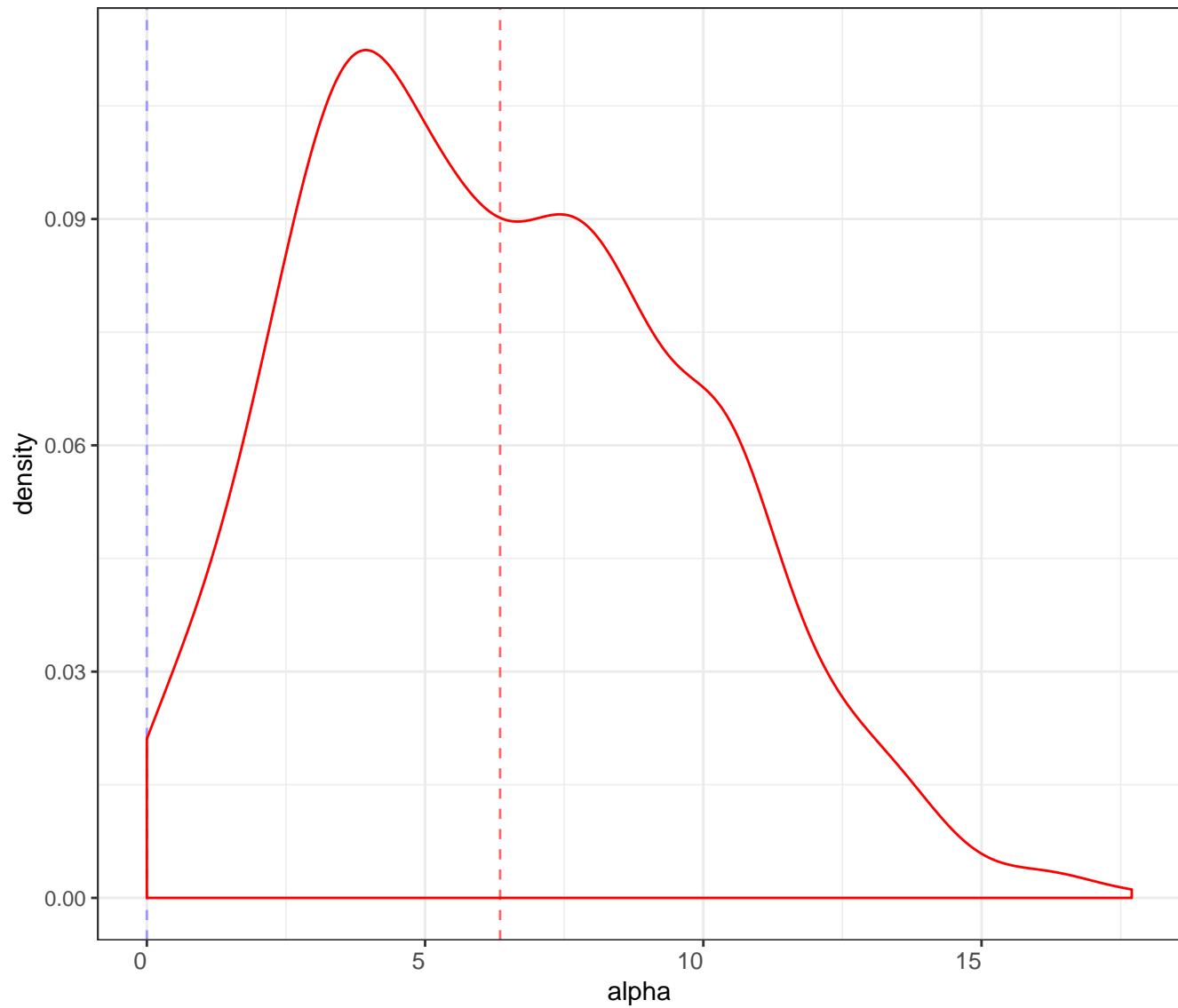
type [] posterior [] prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

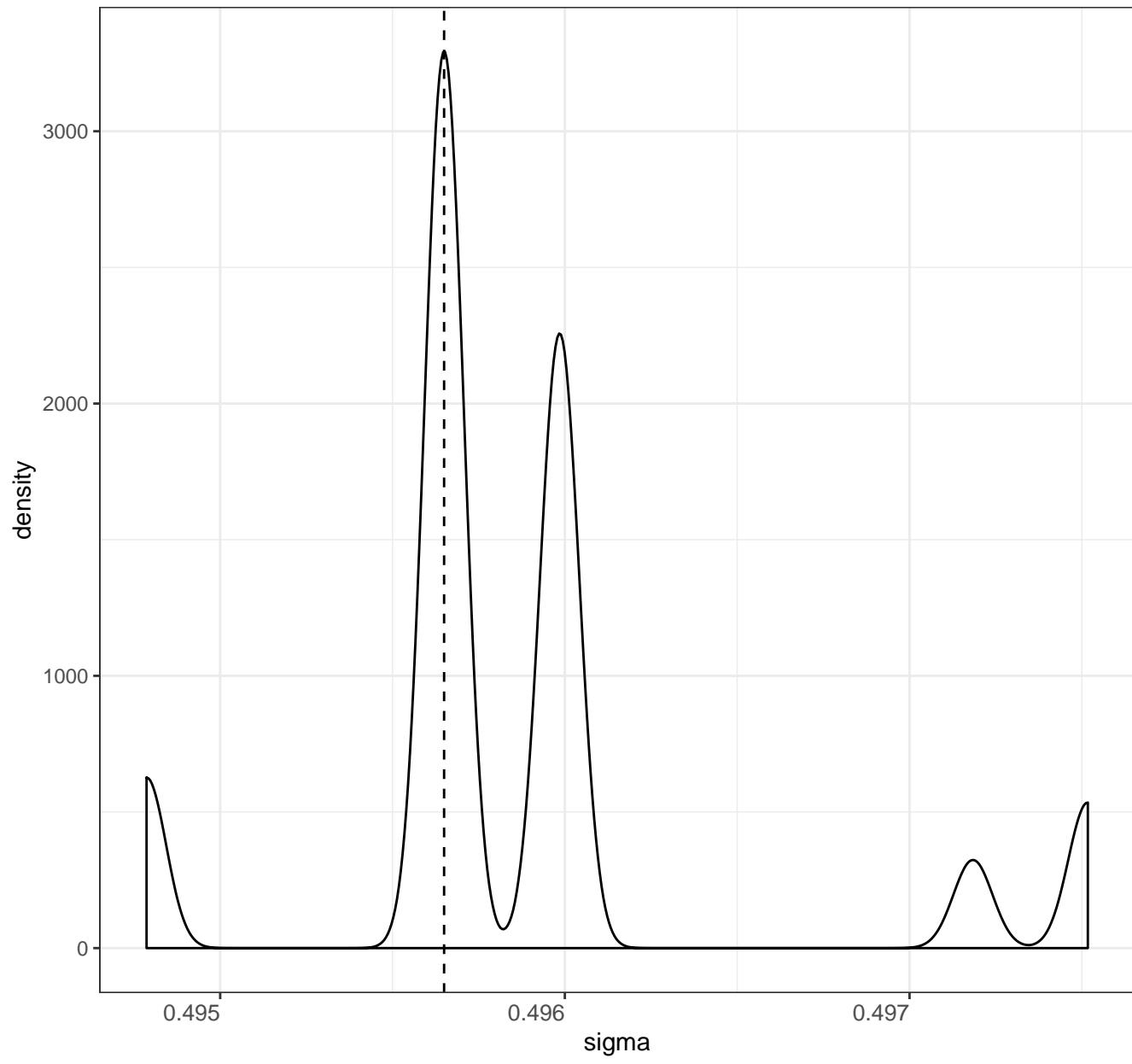
Posterior distribution for alpha

Legend | posterior mean | prior mean



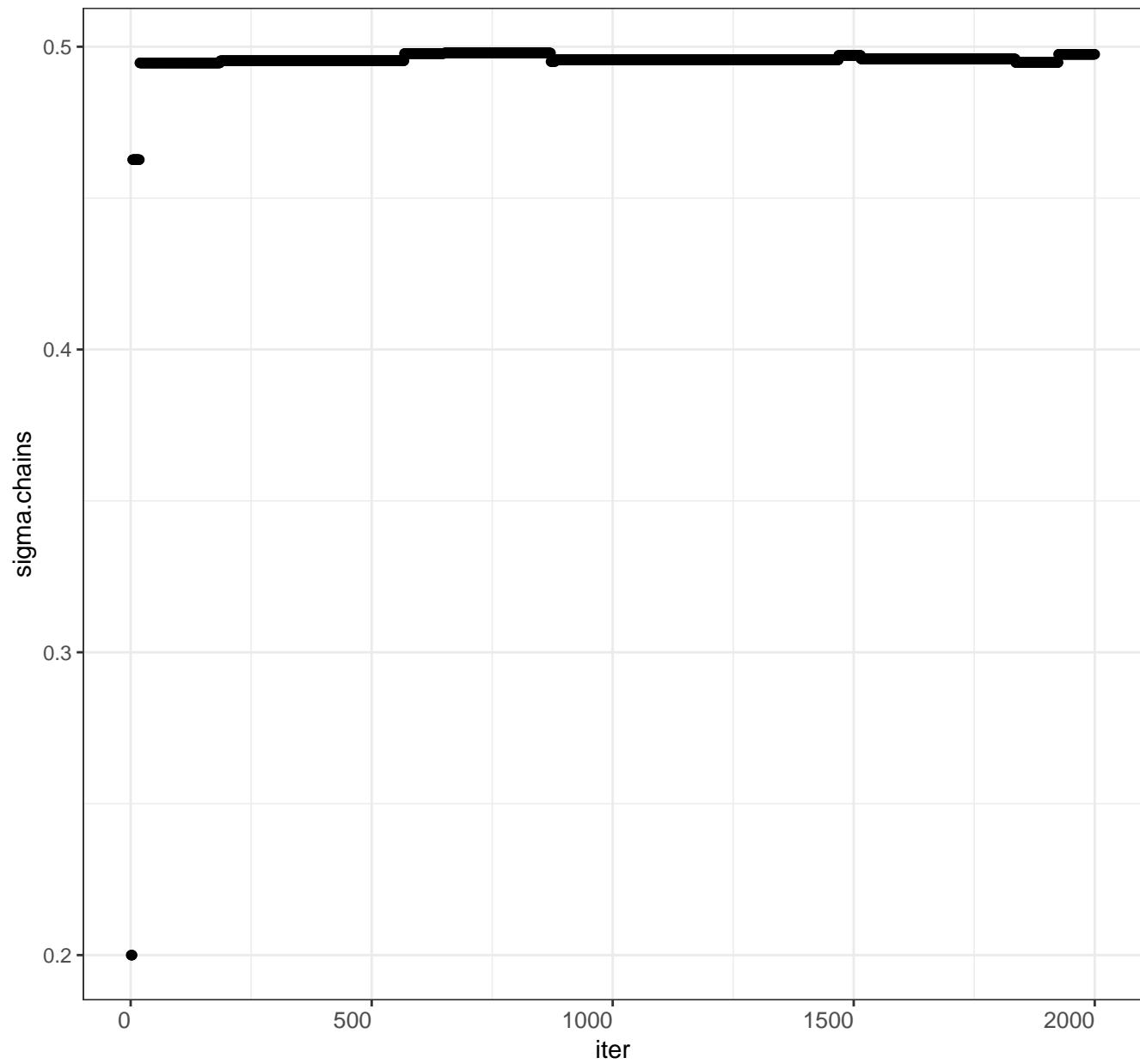
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=5 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=50 ,r=5 true gr K=4 ,type=4 ,N=204



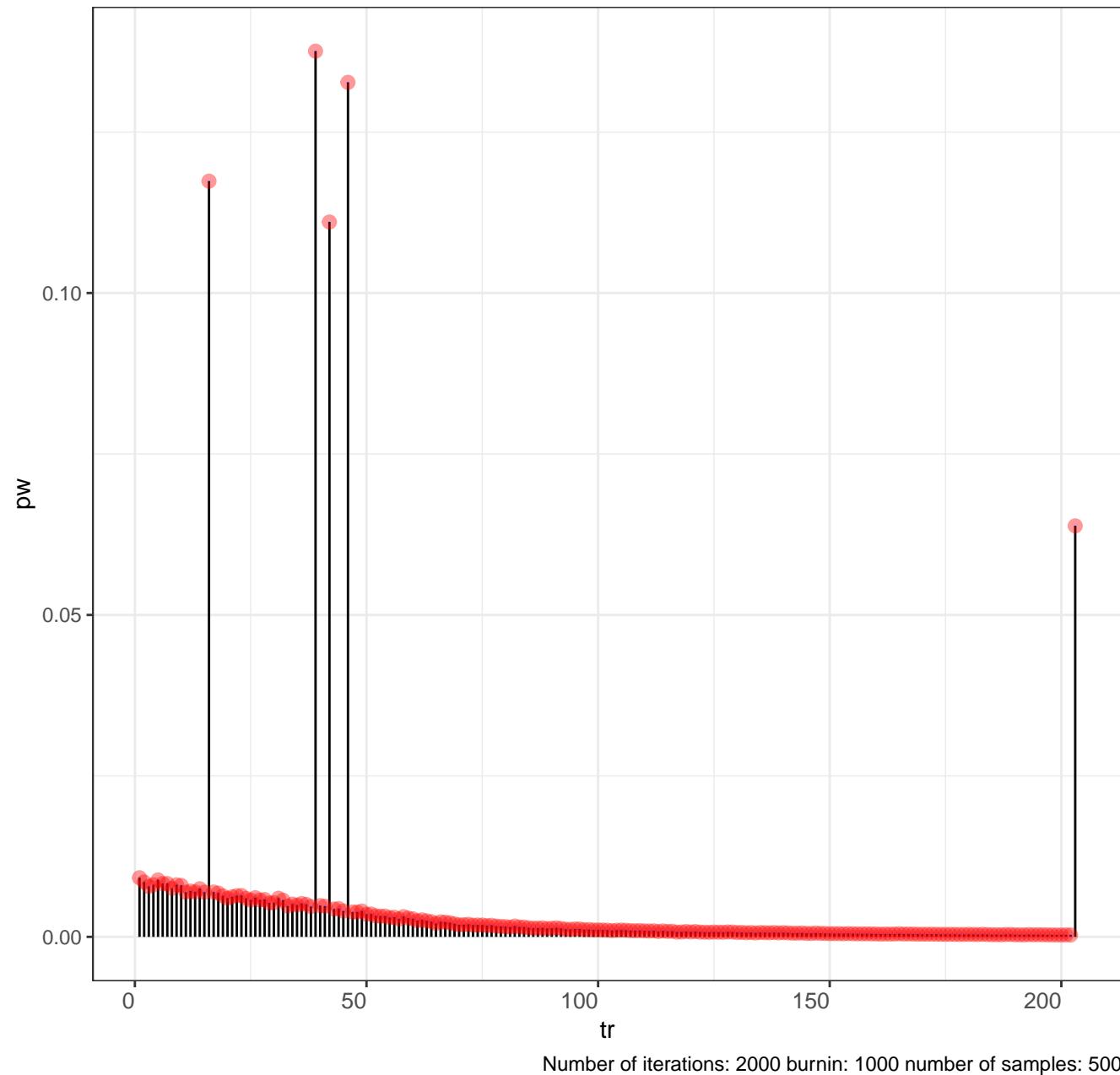
Number of iterations: 2000 burnin: 1000 number of samples: 500

Trace plot for the sigma for S=50 r=5 true K=4 type=4

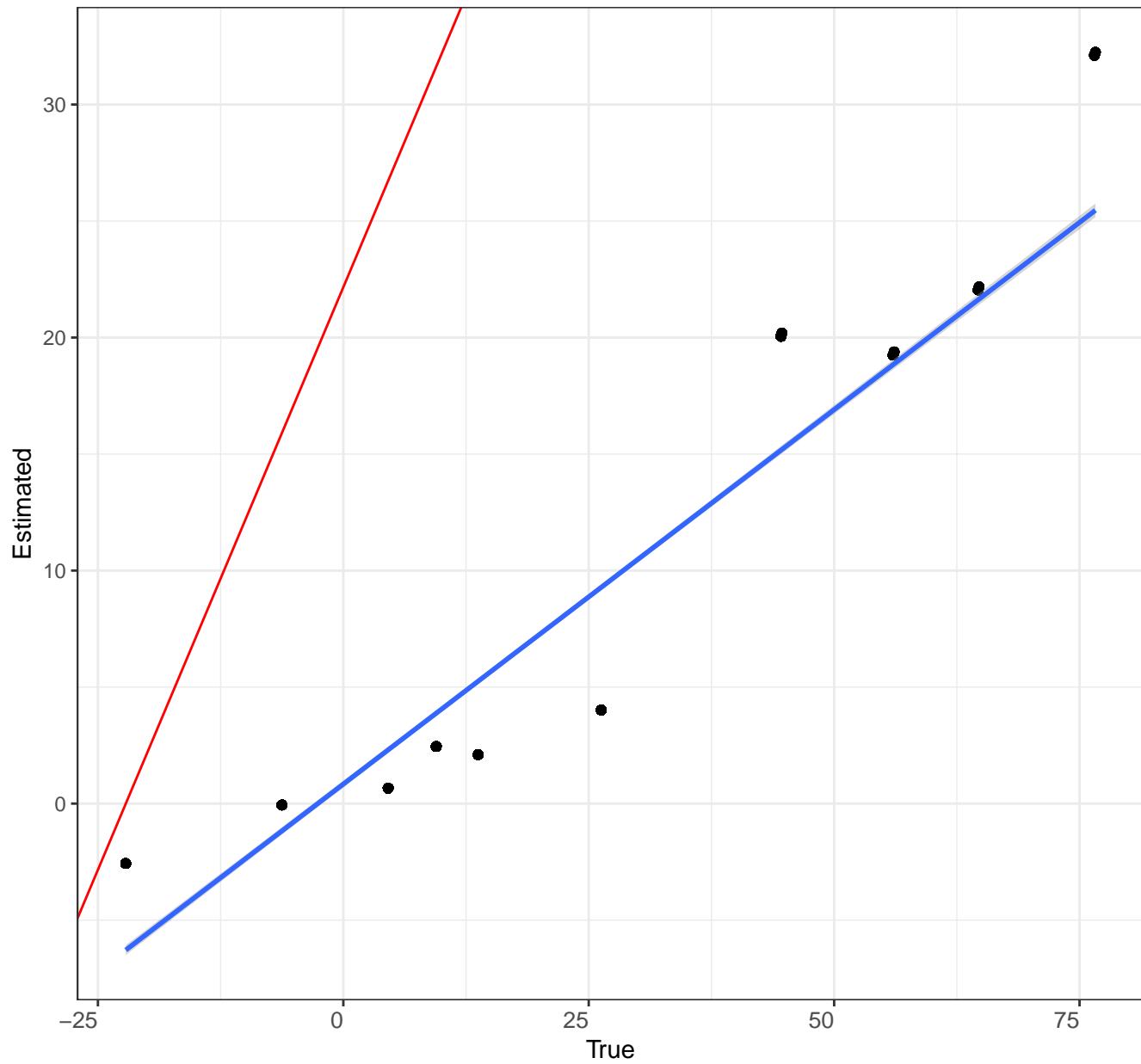


Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=50 ,r=5 true gr K=4 ,type=4 ,N=204 pN=0.064

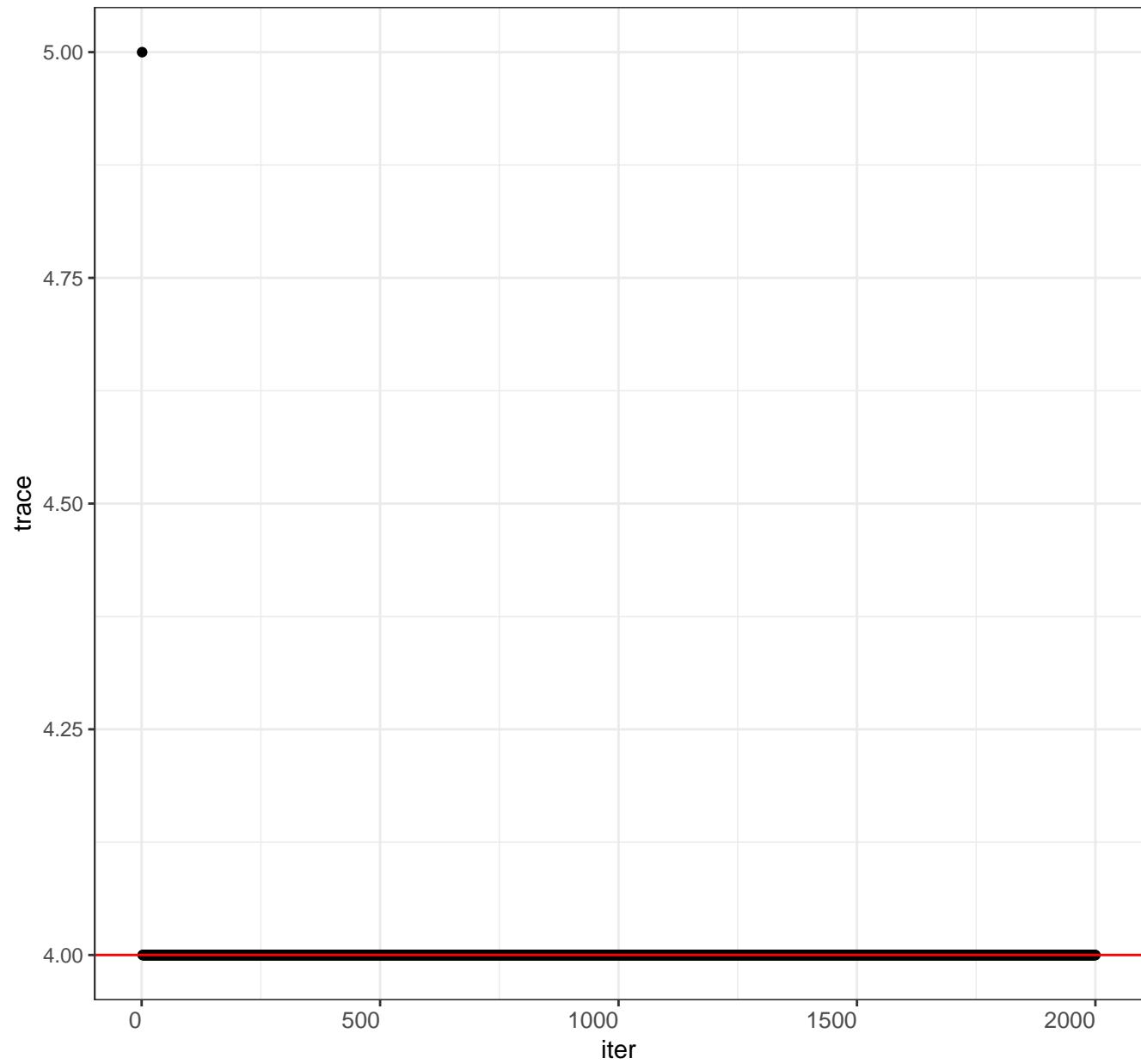


True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 r=5 true K=4 type=4

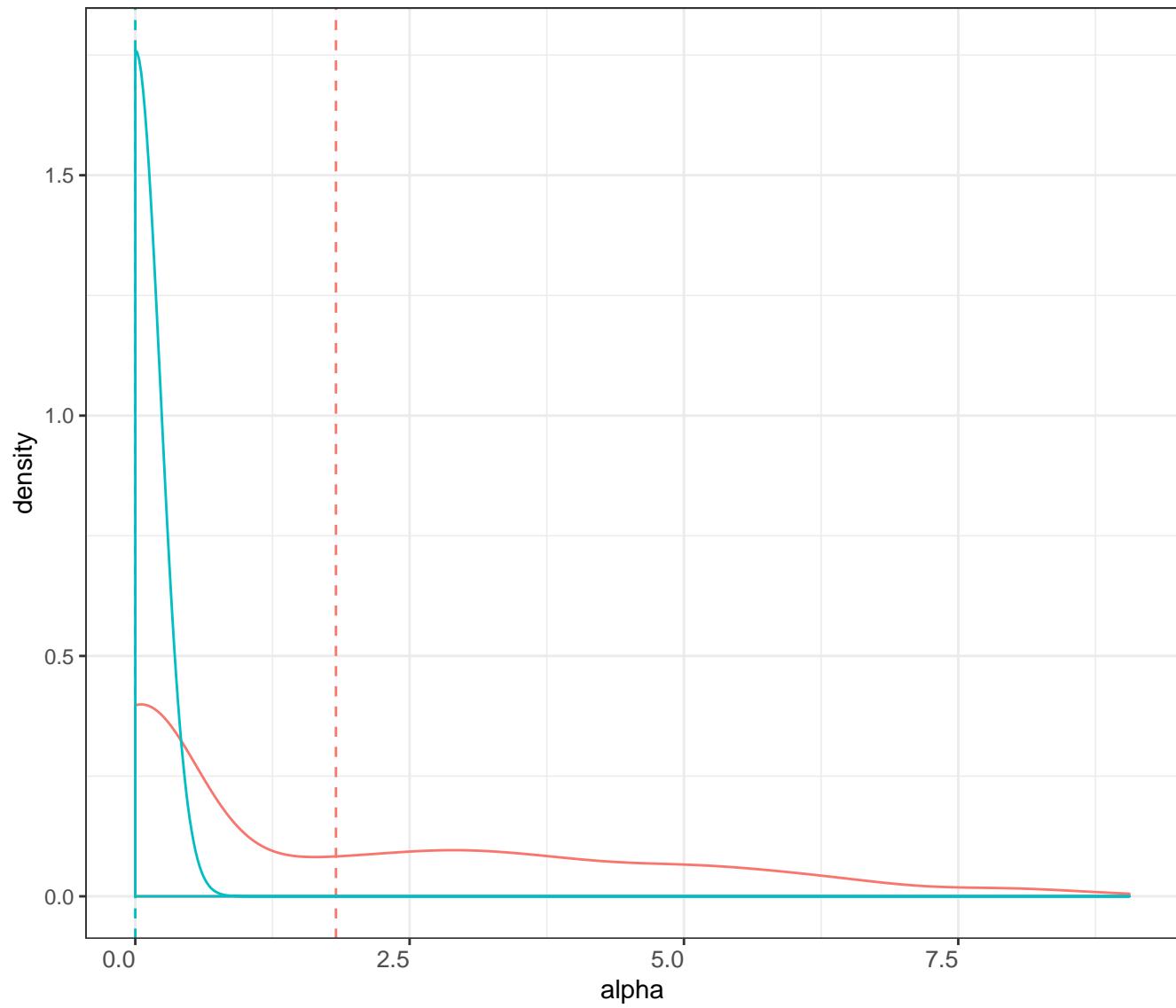
Trace plot for the number of groups K for S=50 r=5 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=50 ,r=5 true gr K=4 ,type=4 ,N=204

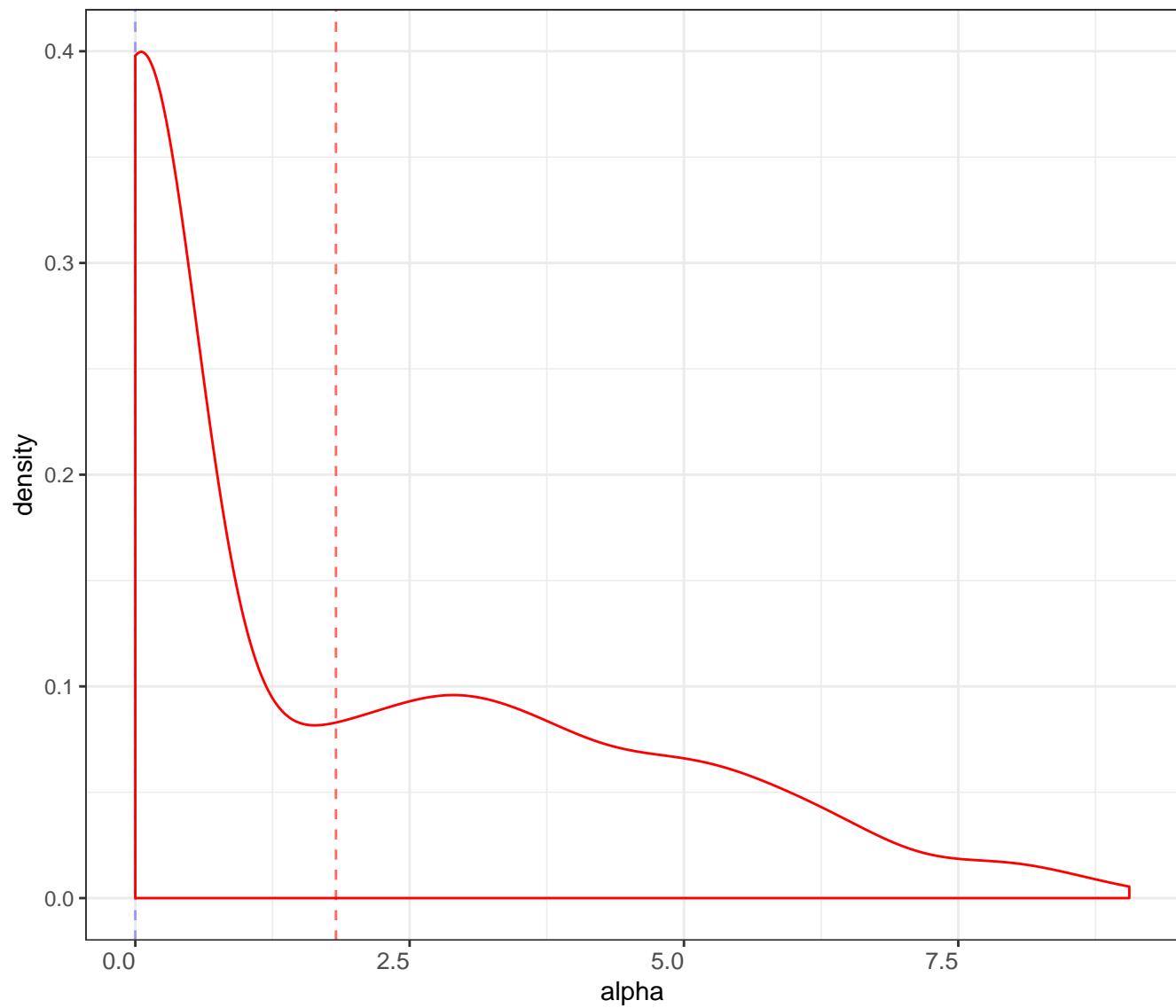
type [] posterior [] prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

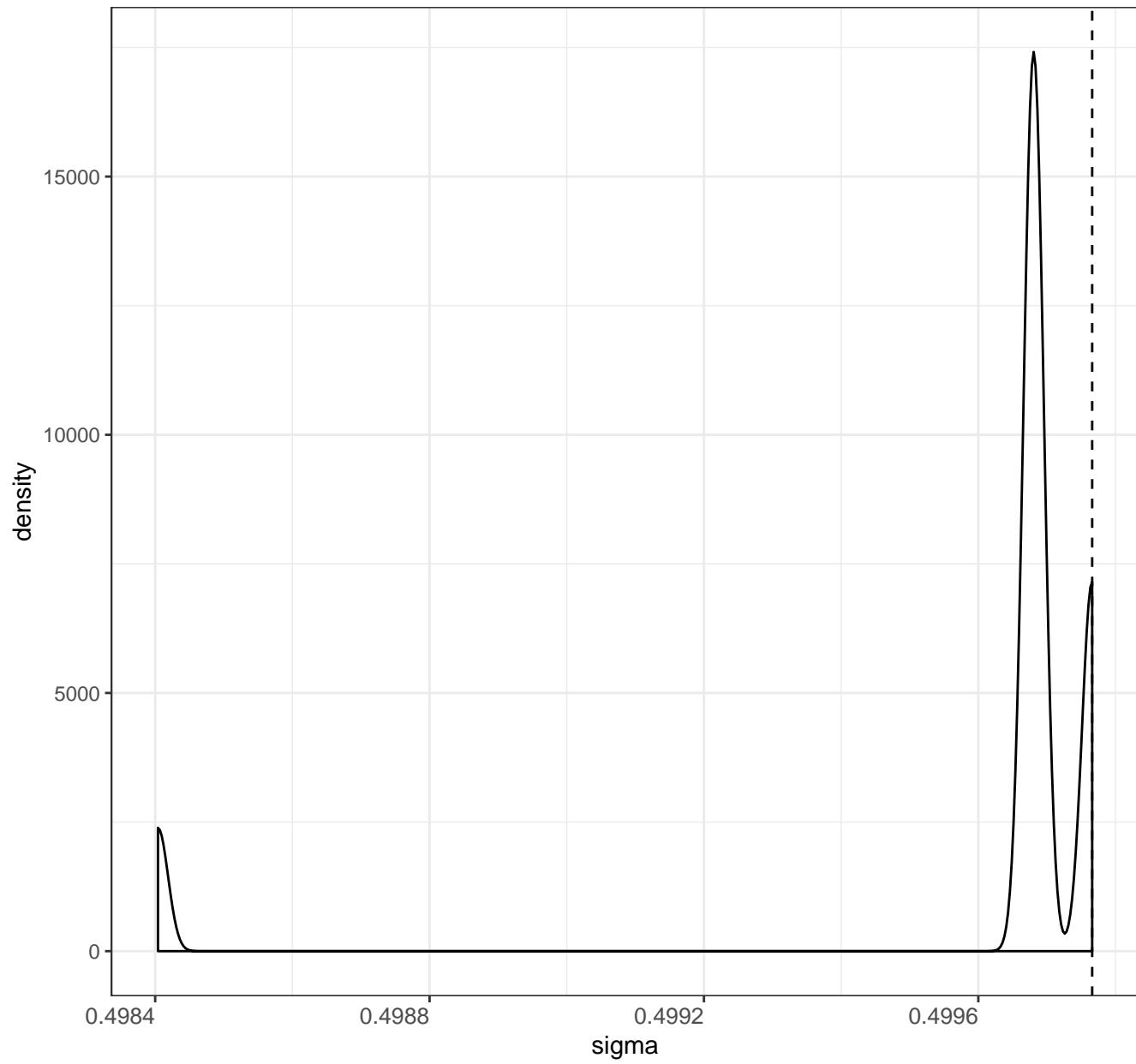
Posterior distribution for alpha

Legend | posterior mean | prior mean



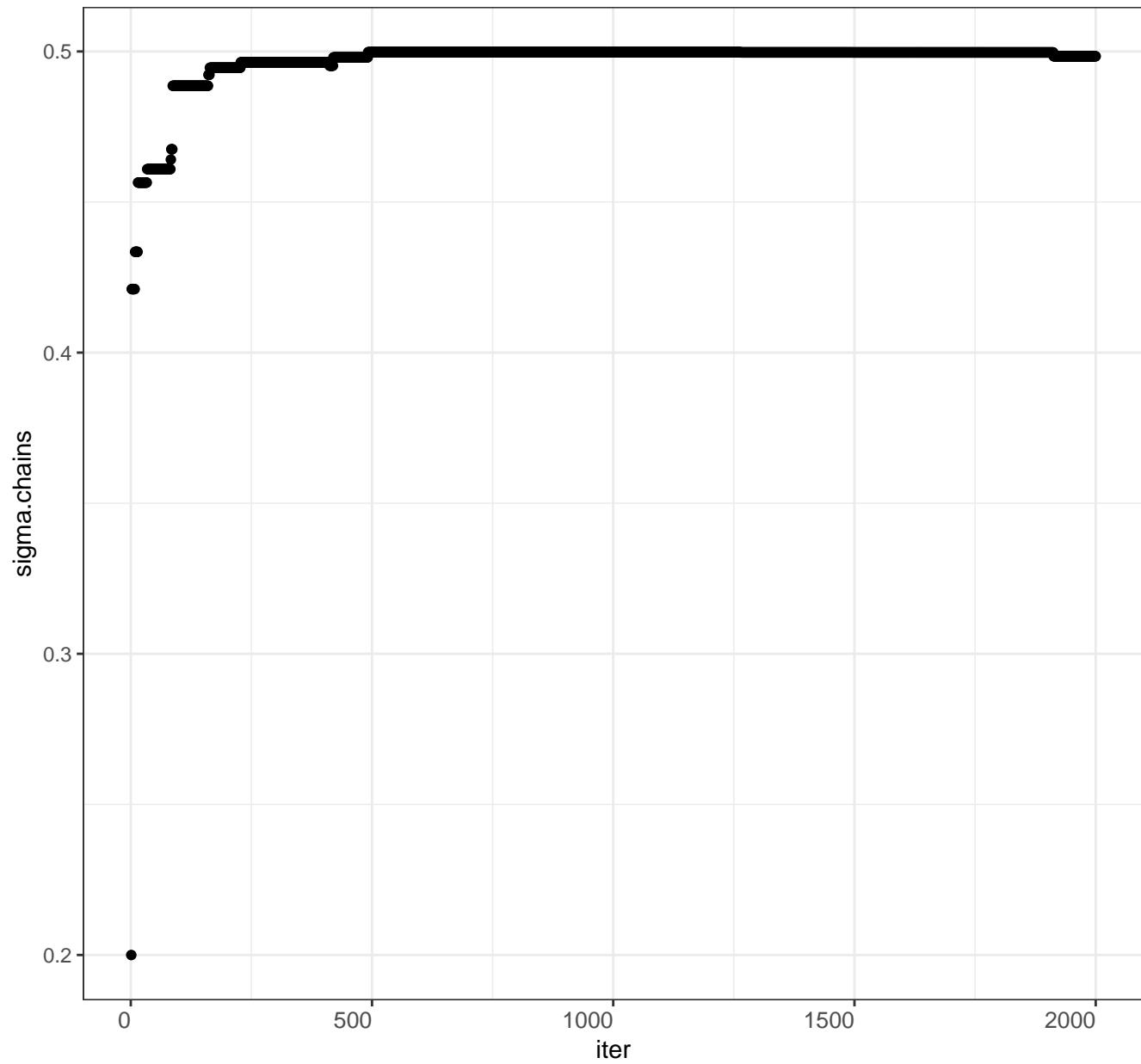
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=5 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=50 ,r=5 true gr K=4 ,type=4 ,N=204



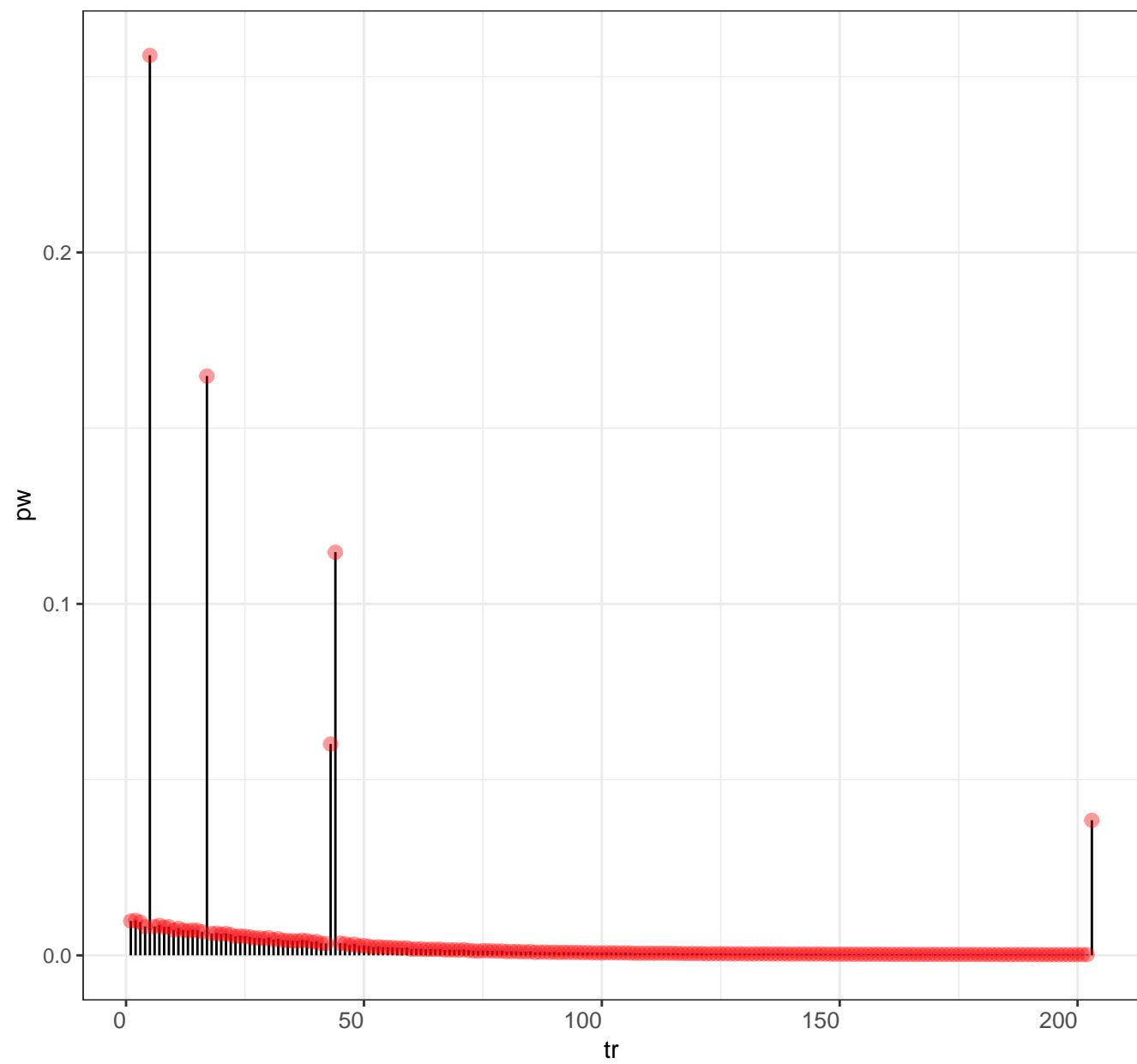
Number of iterations: 2000 burnin: 1000 number of samples: 500

Trace plot for the sigma for S=50 r=5 true K=4 type=4



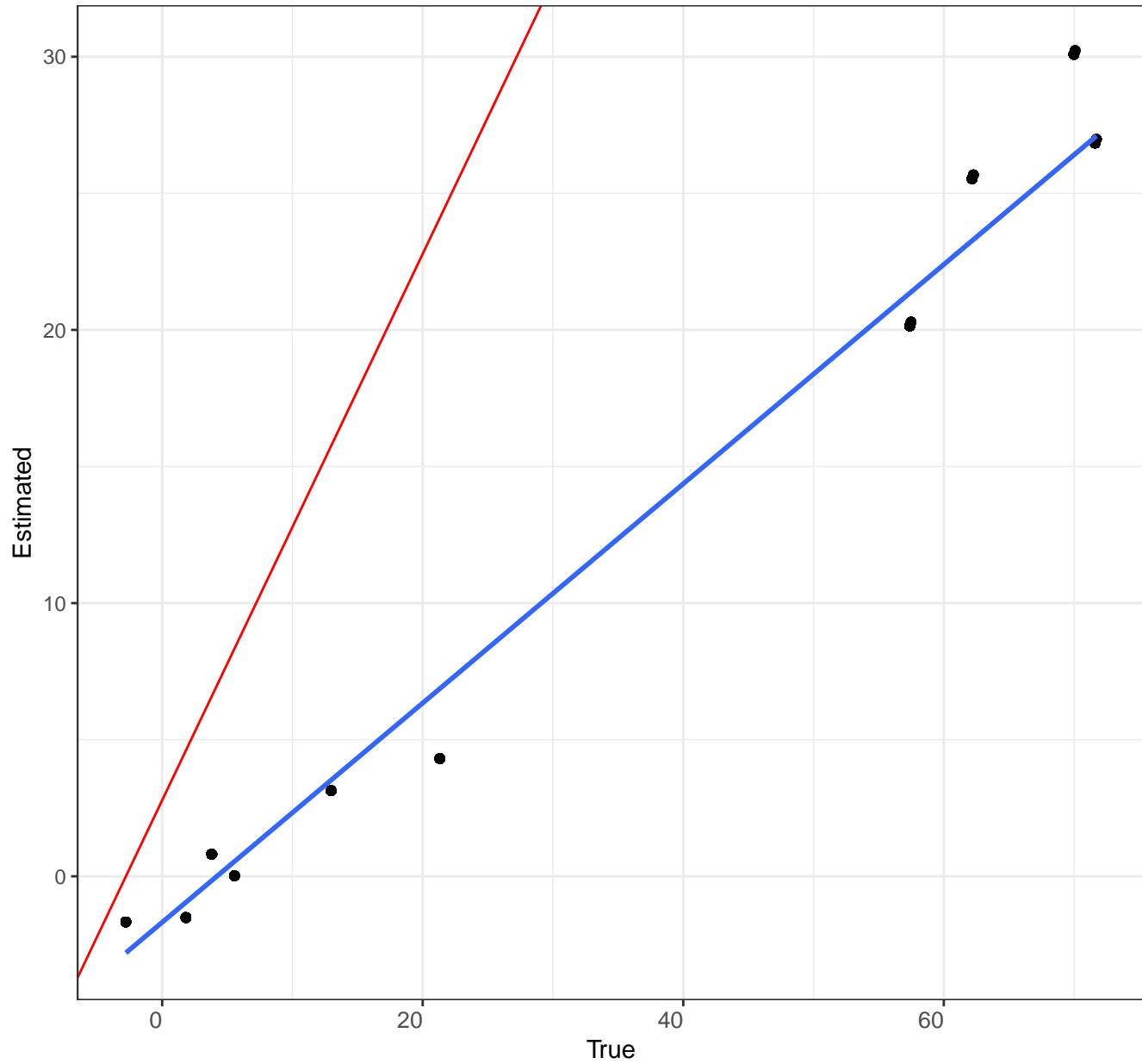
Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=50 ,r=5 true gr K=4 ,type=4 ,N=204 pN=0.038



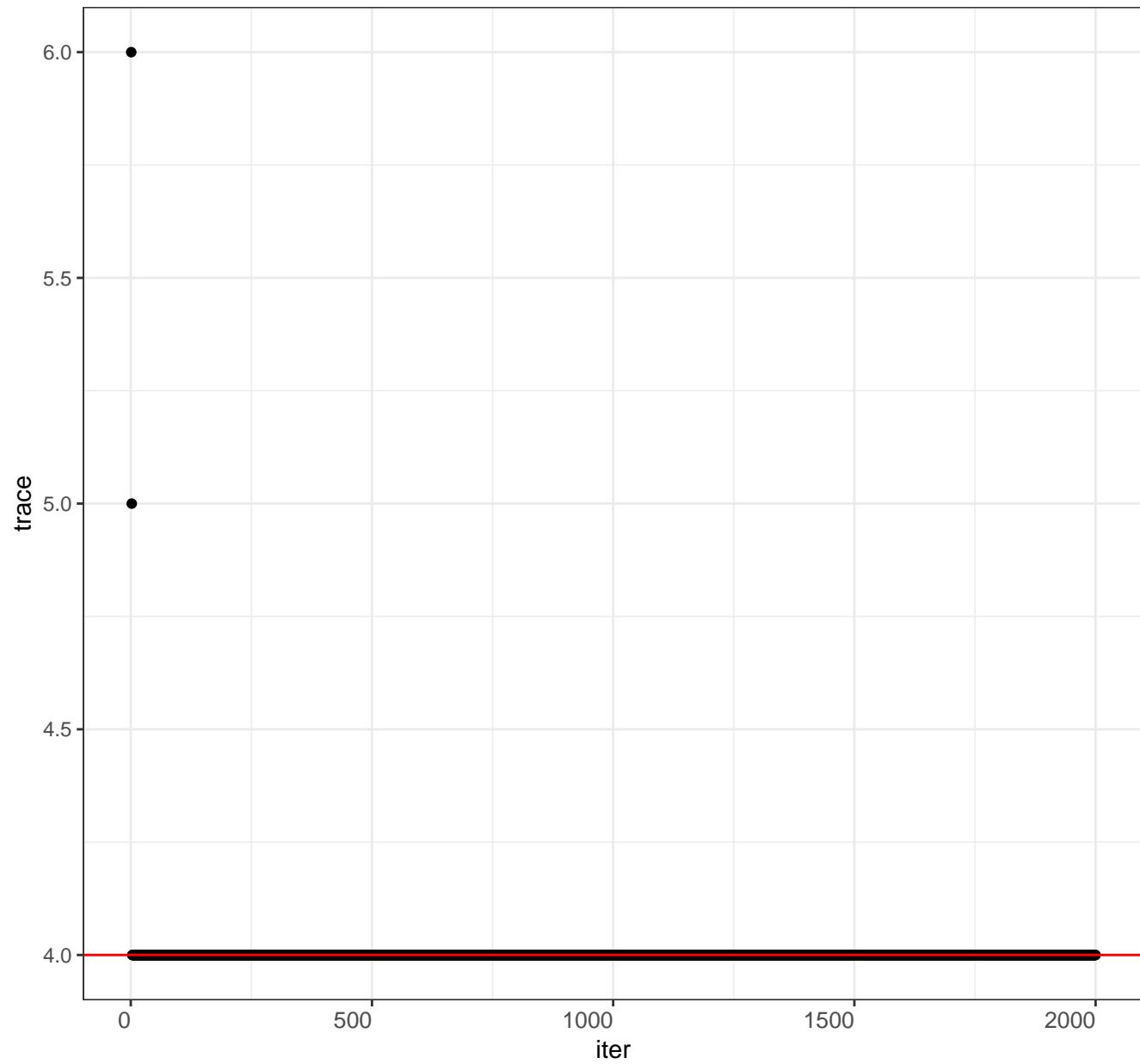
Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 r=5 true K=4 type=4

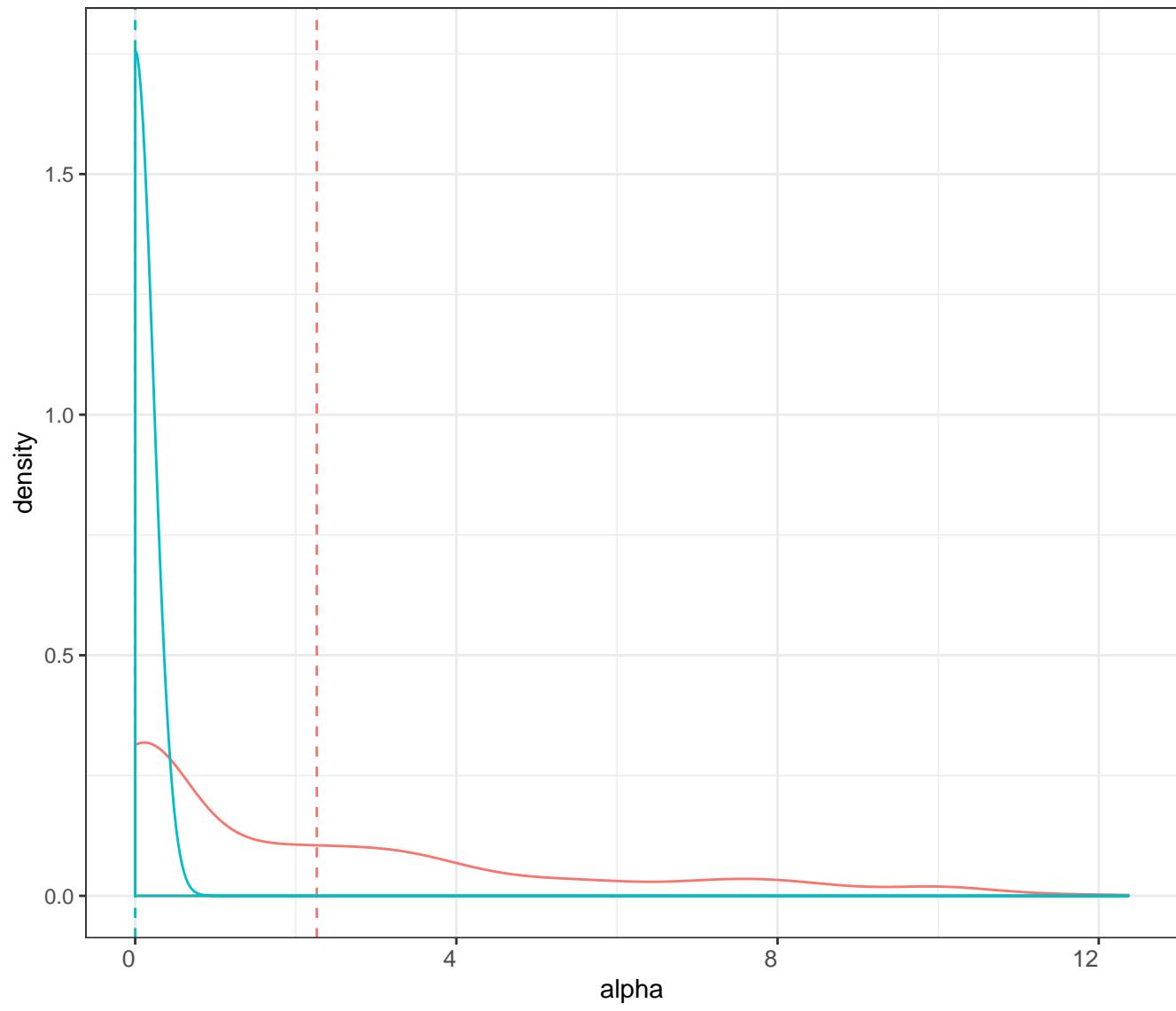
Trace plot for the number of groups K for S=50 r=5 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=50 ,r=5 true gr K=4 ,type=4 ,N=204

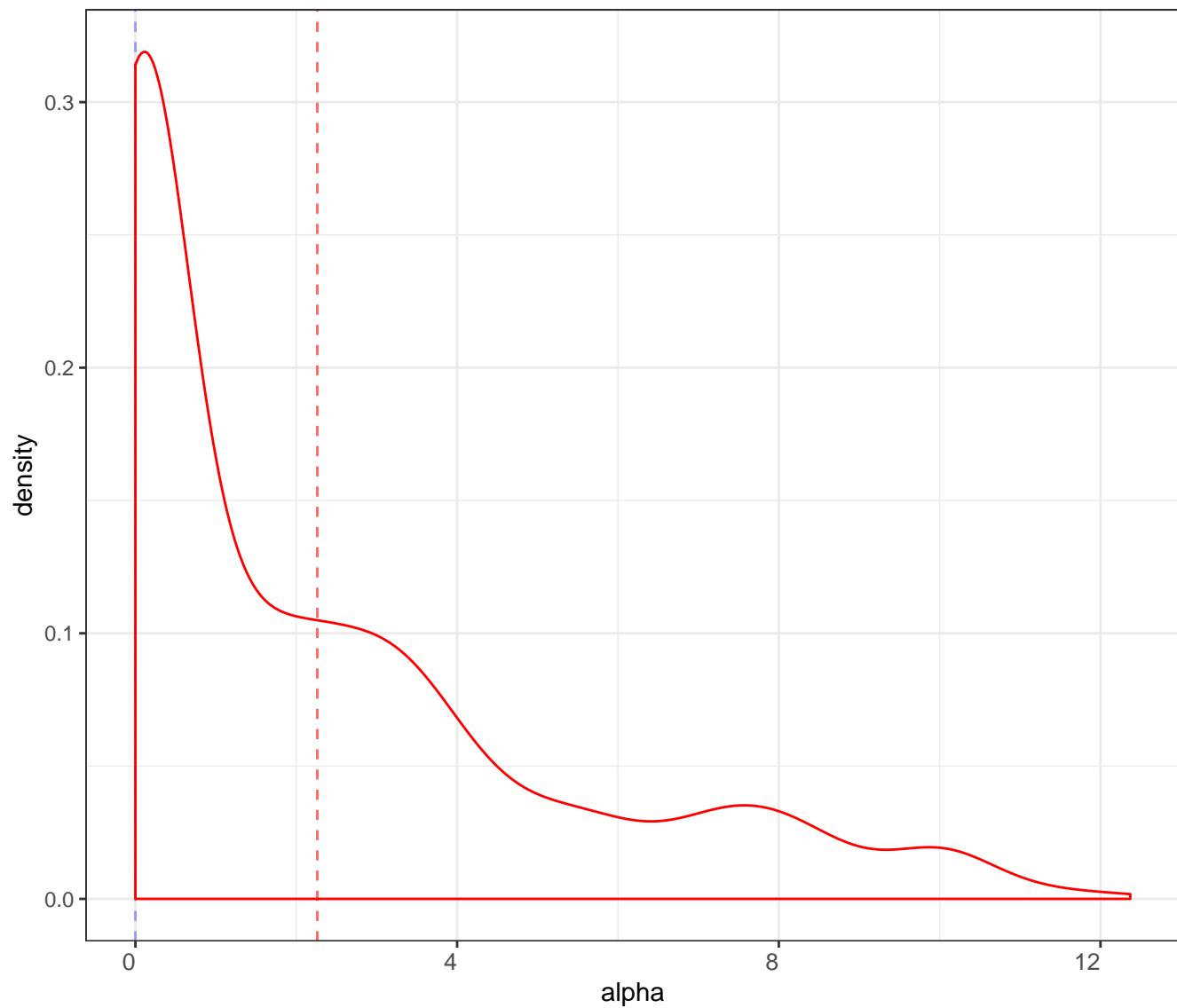
type [] posterior [] prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

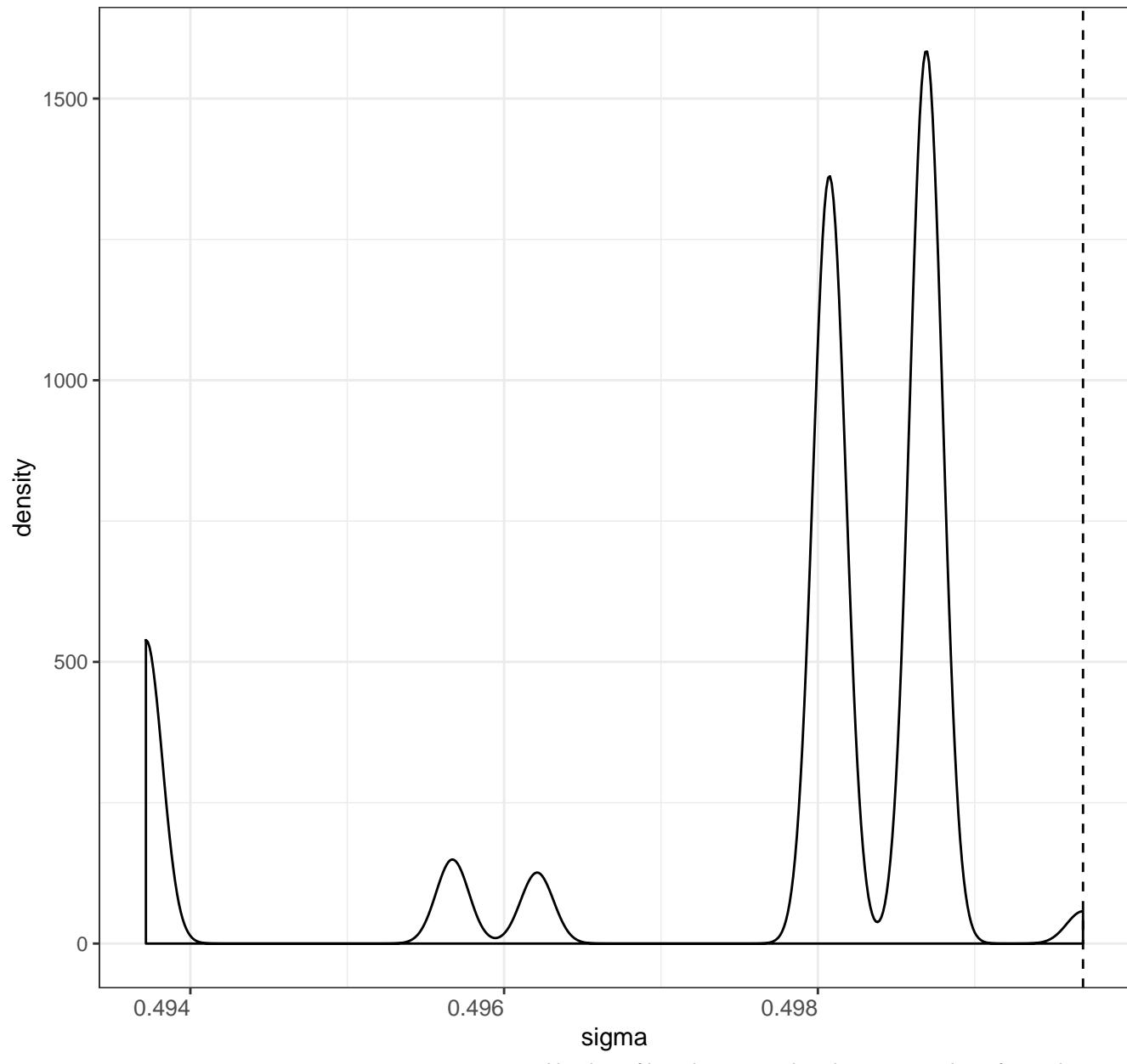
Posterior distribution for alpha

Legend | posterior mean | prior mean



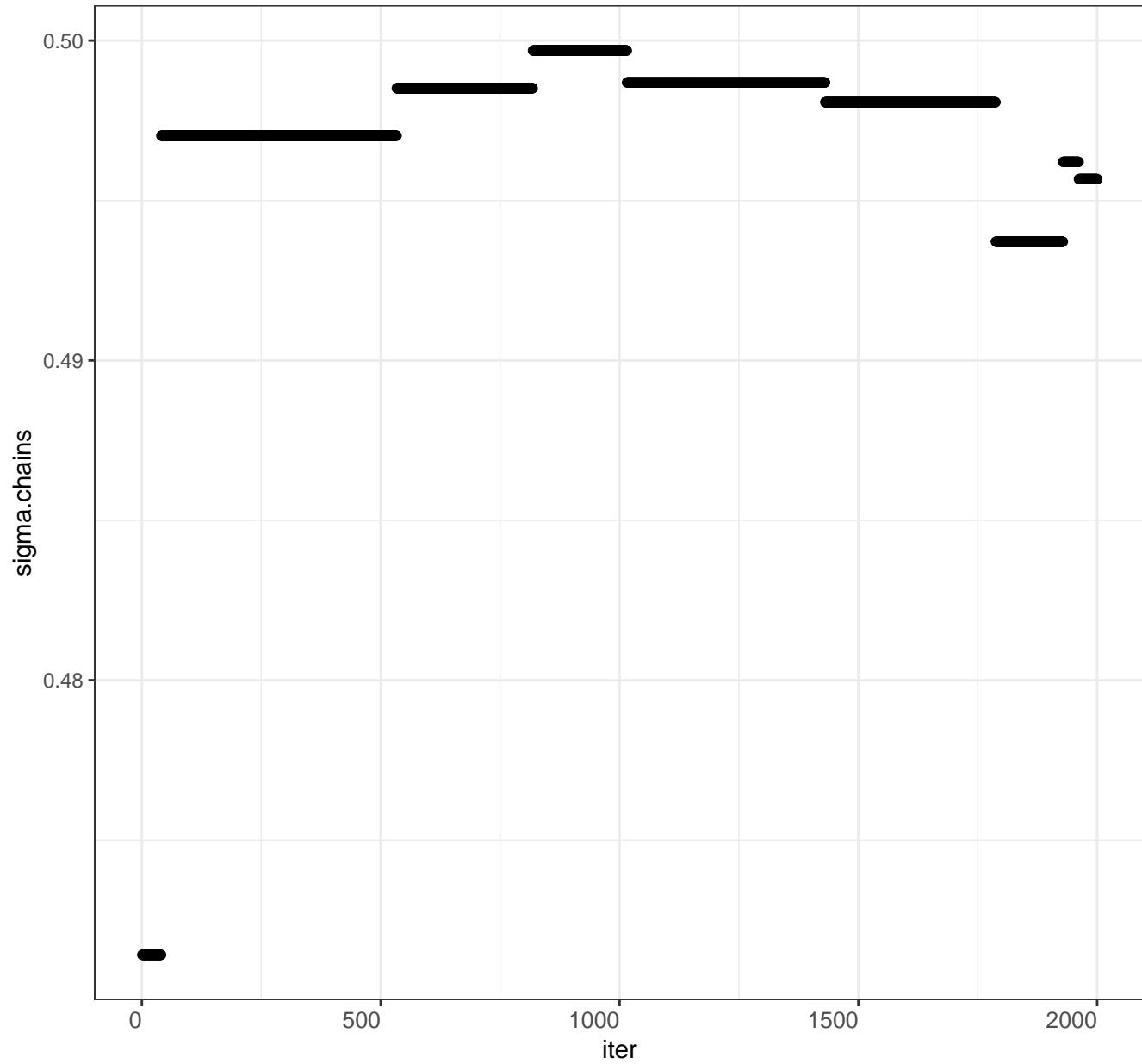
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=5 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=50 ,r=5 true gr K=4 ,type=4 ,N=204

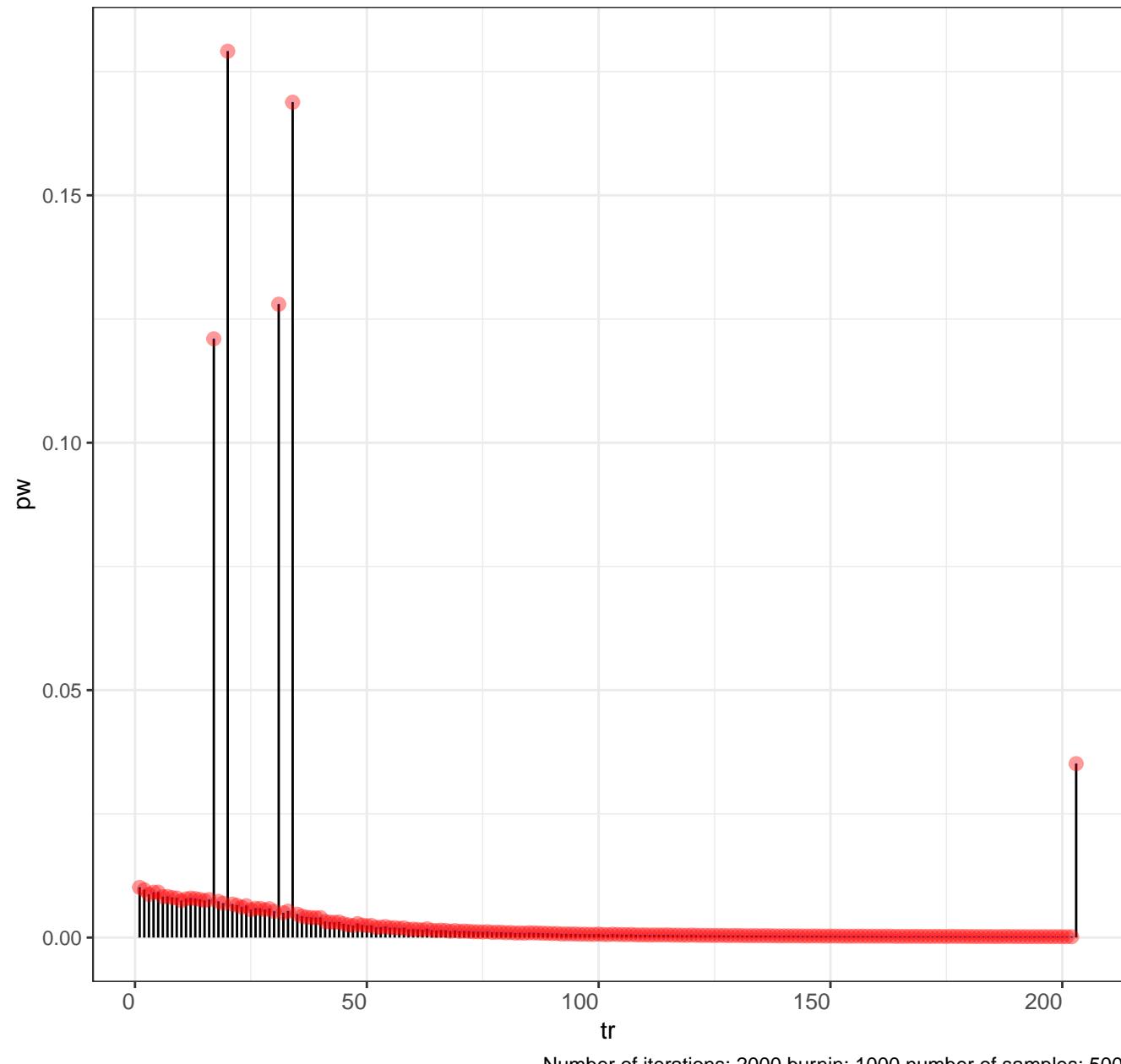


Number of iterations: 2000 burnin: 1000 number of samples: 500

Trace plot for the sigma for S=50 r=5 true K=4 type=4

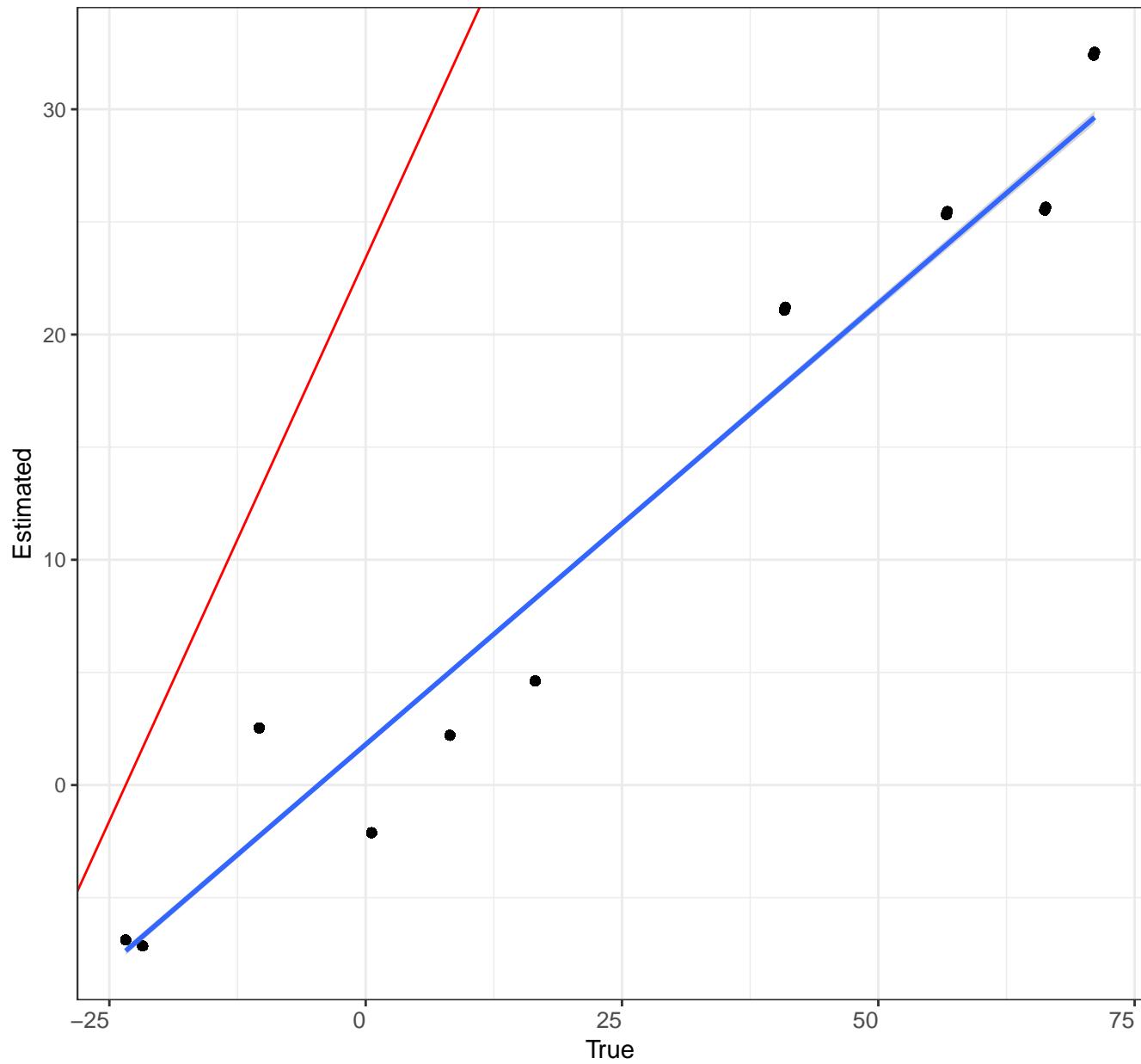


Weights for the case: S=50 ,r=5 true gr K=4 ,type=4 ,N=204 pN=0.035



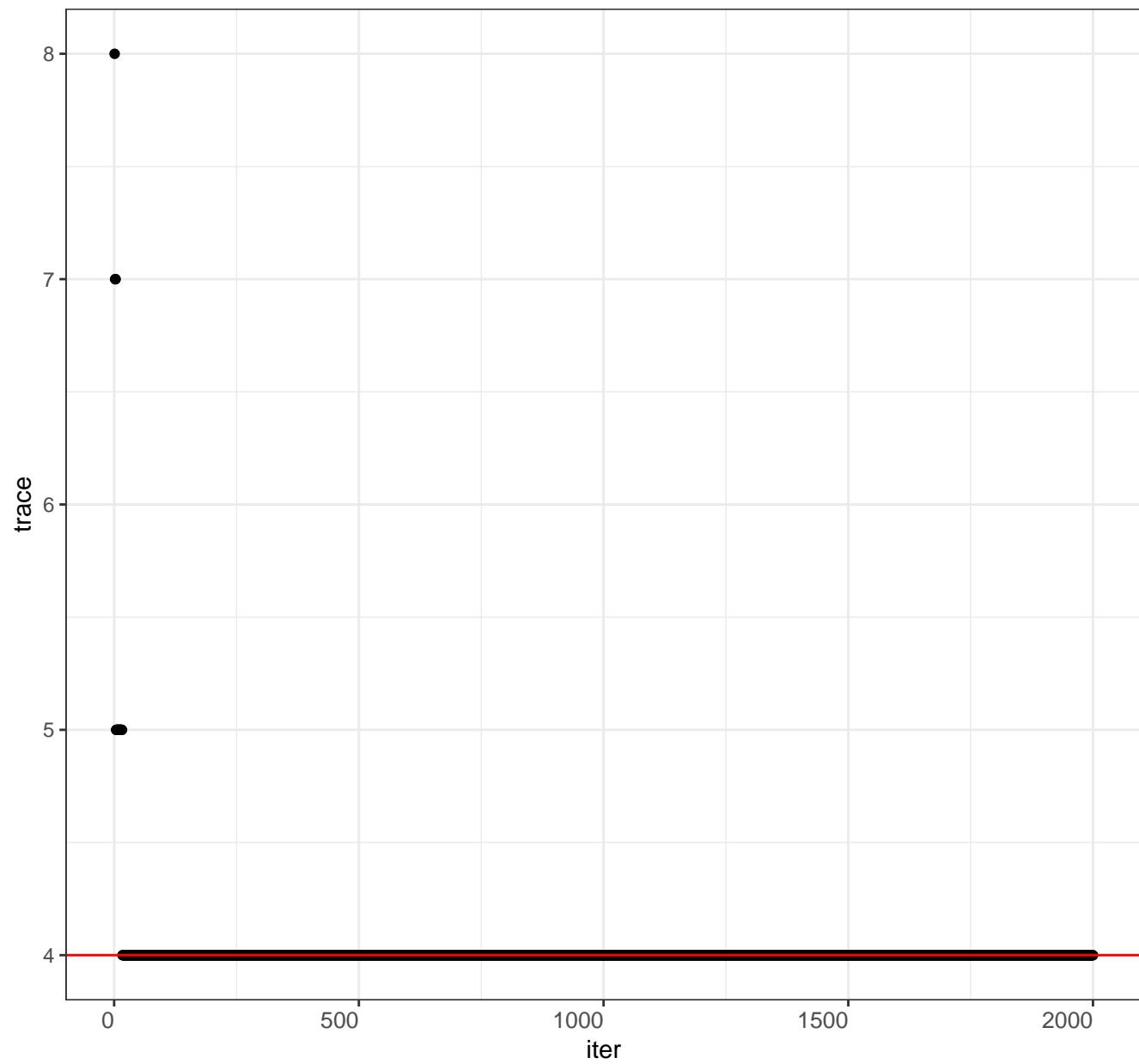
Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 r=5 true K=4 type=4

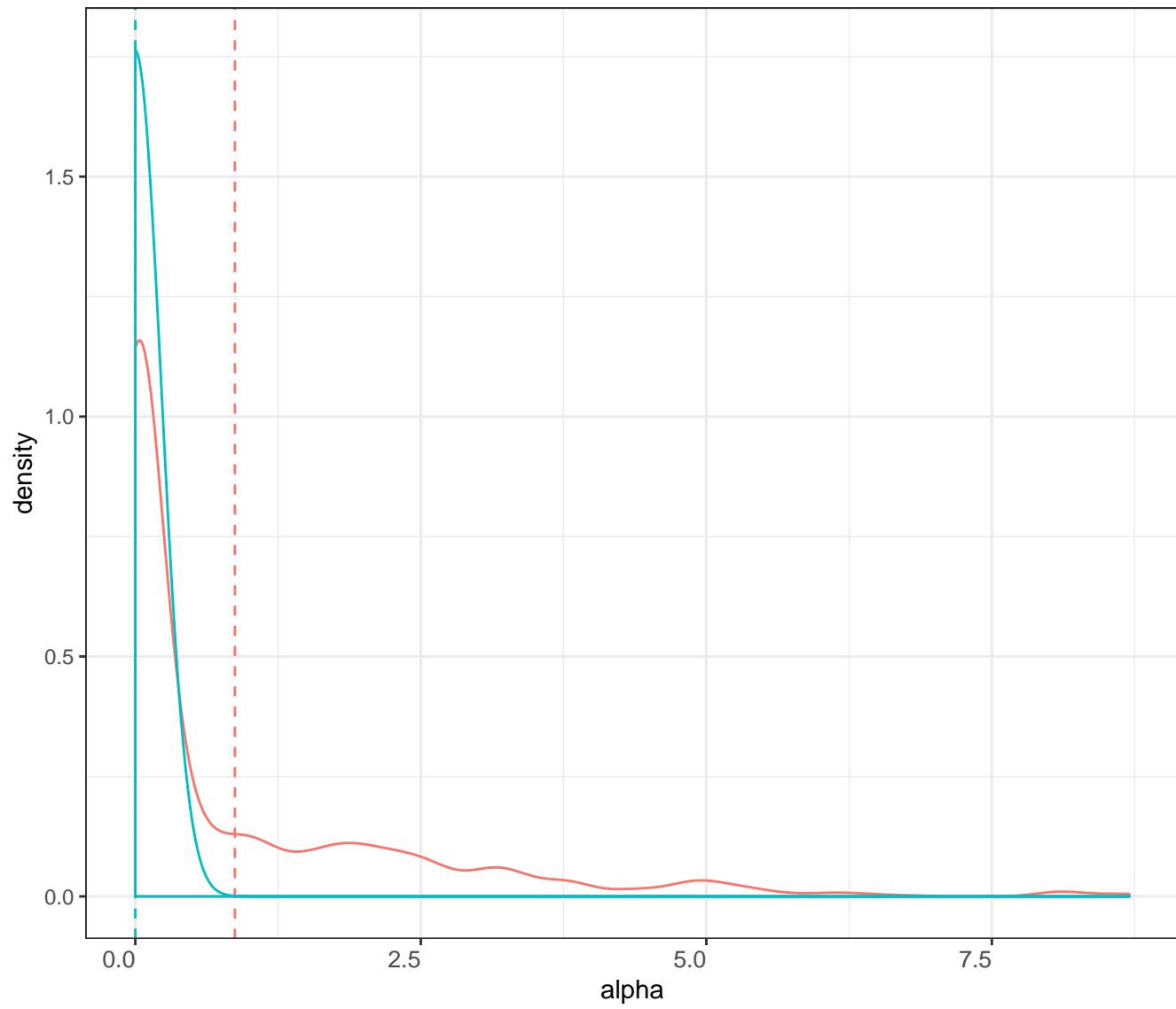
Trace plot for the number of groups K for S=50 r=5 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=50 ,r=5 true gr K=4 ,type=4 ,N=204

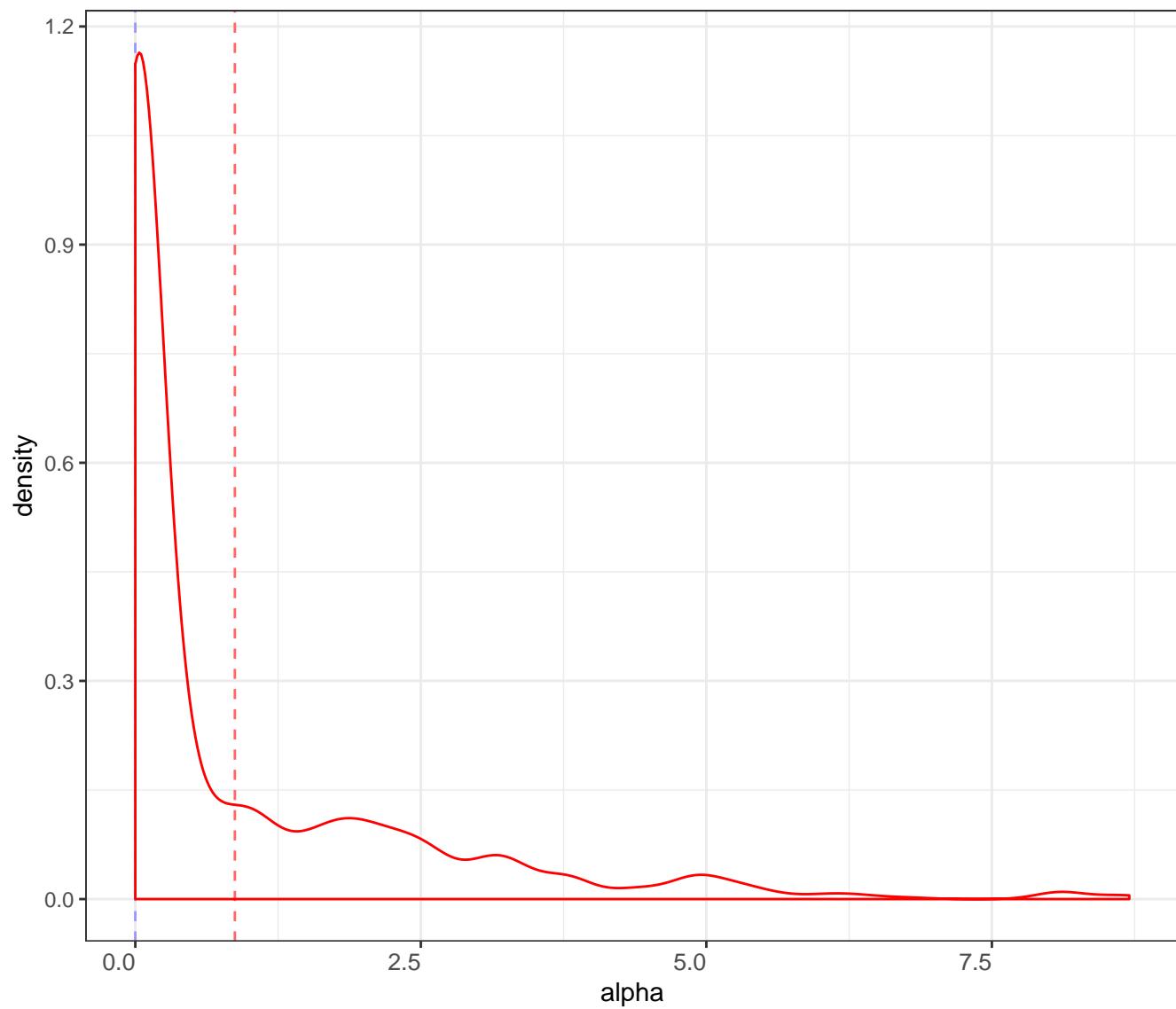
type [] posterior [] prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

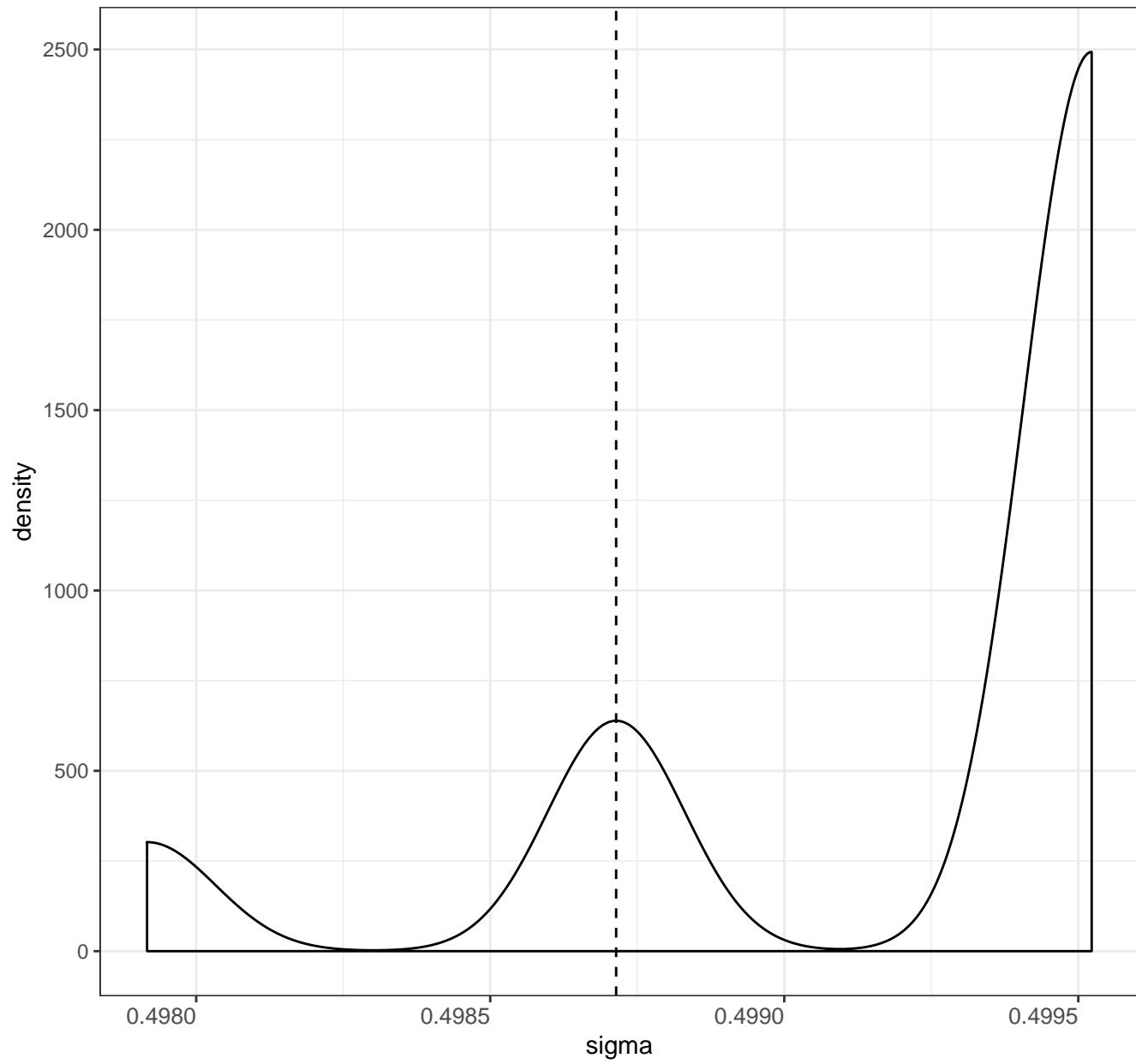
Posterior distribution for alpha

Legend | posterior mean | prior mean

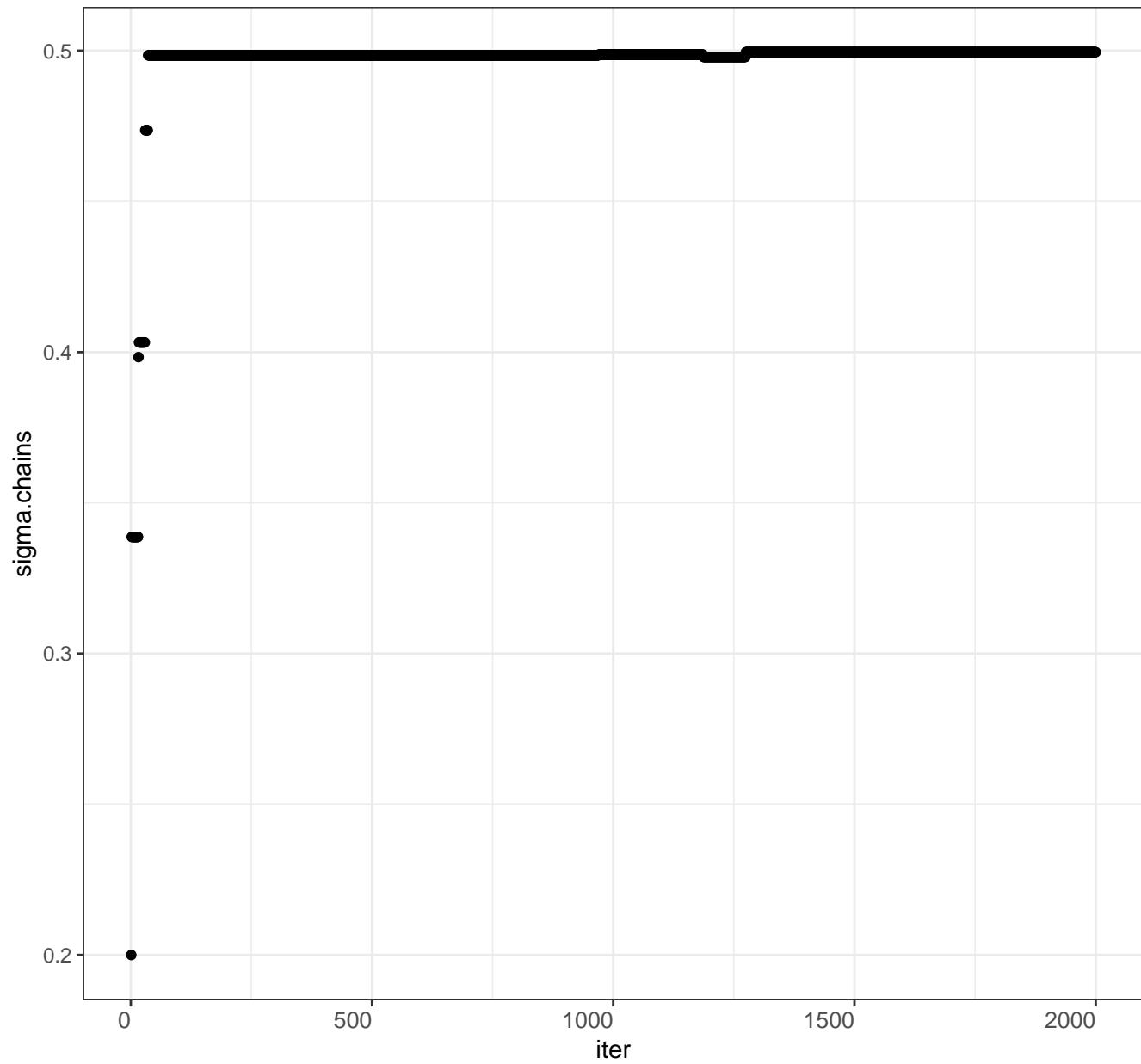


Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=5 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=50 ,r=5 true gr K=4 ,type=4 ,N=204

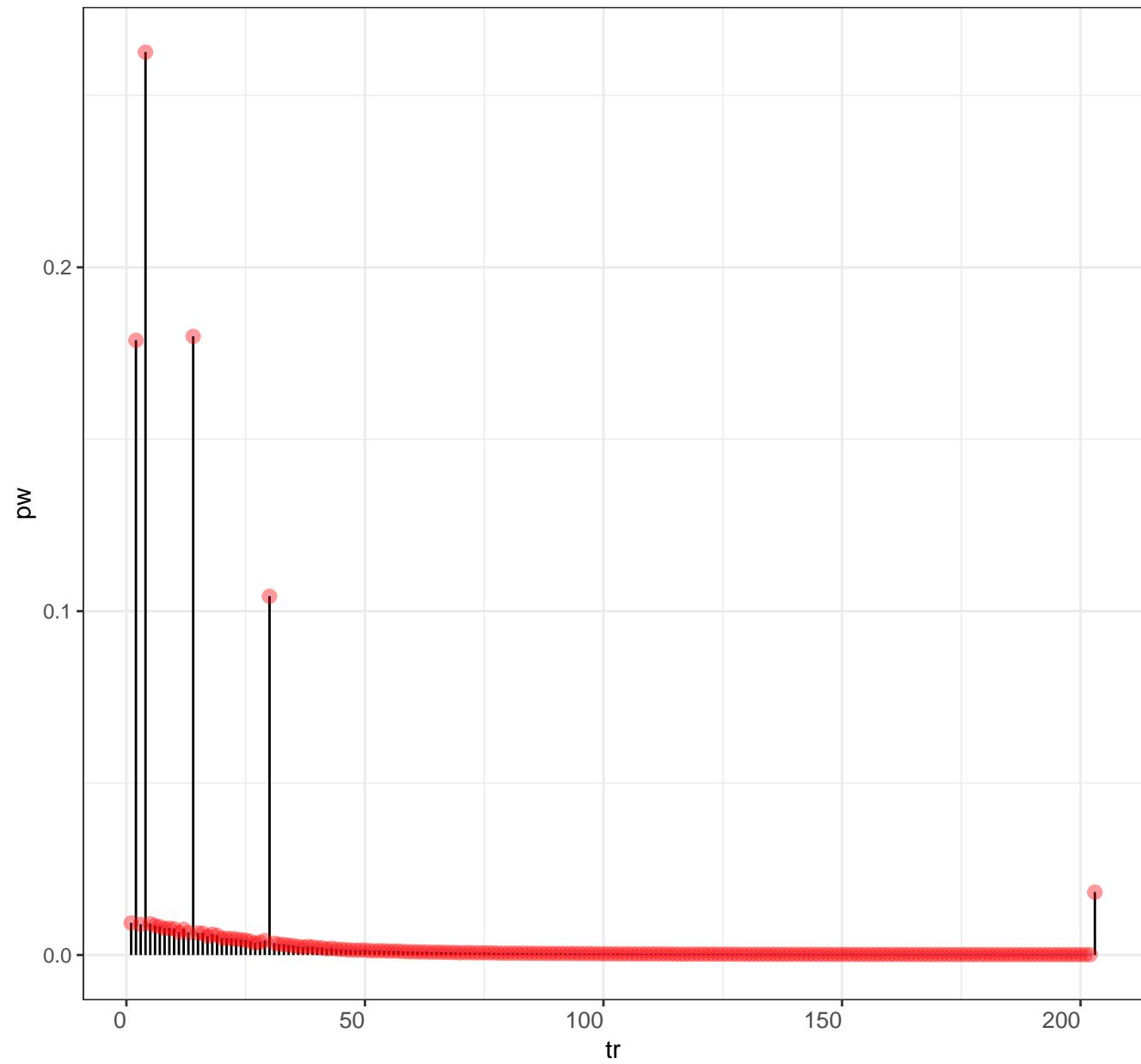


Trace plot for the sigma for S=50 r=5 true K=4 type=4

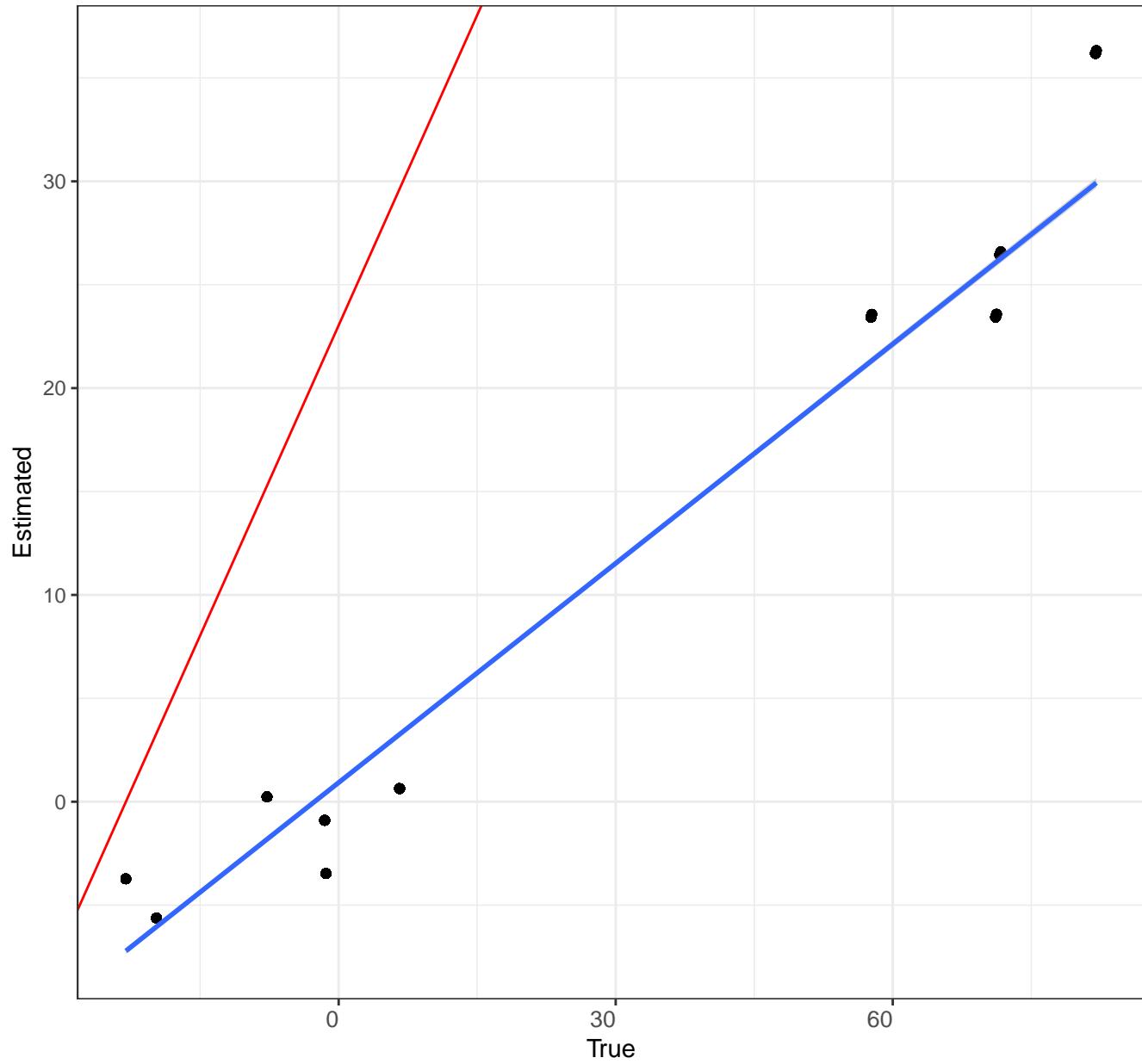


Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=50 ,r=5 true gr K=4 ,type=4 ,N=204 pN=0.018

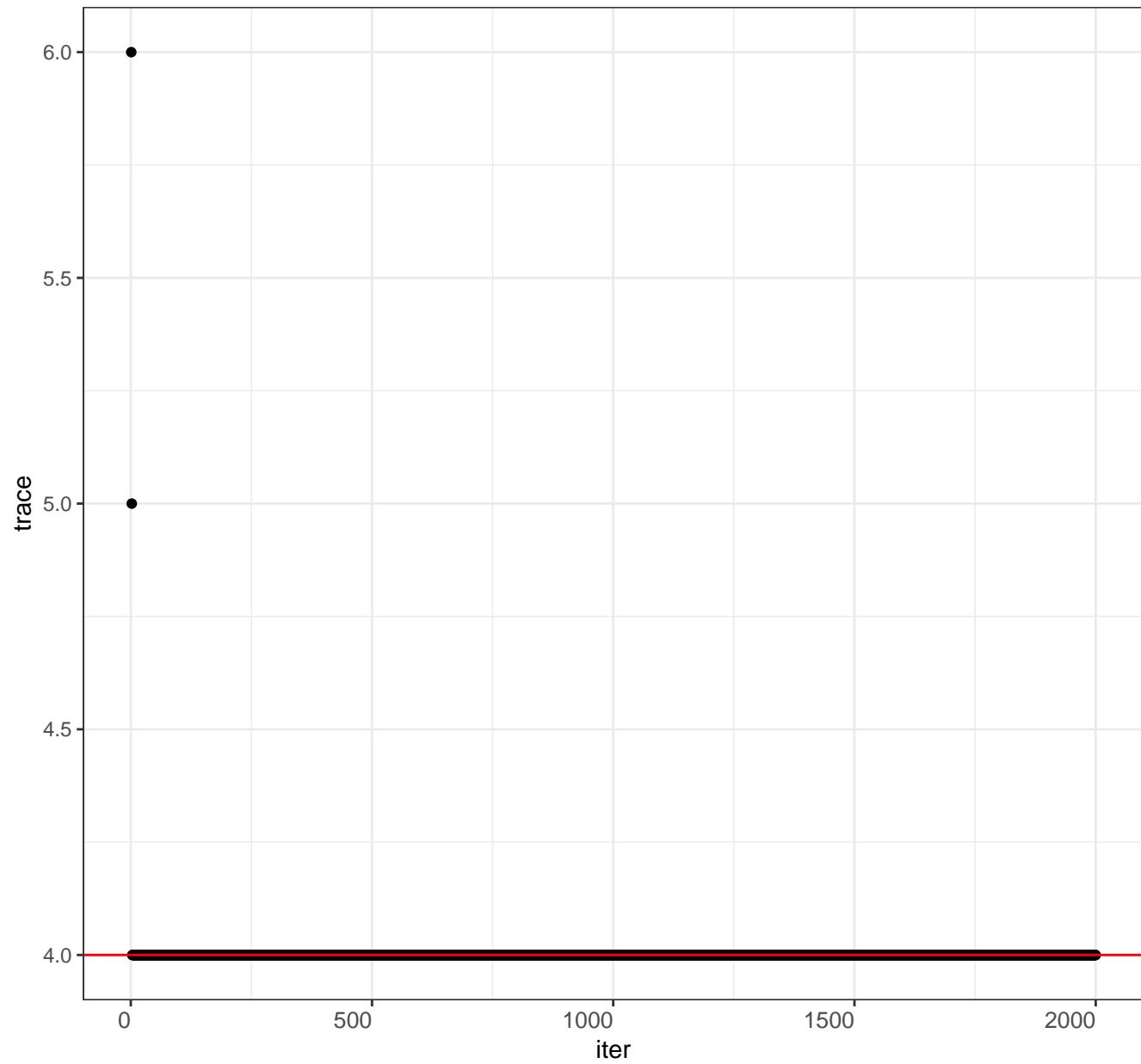


True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 r=5 true K=4 type=4

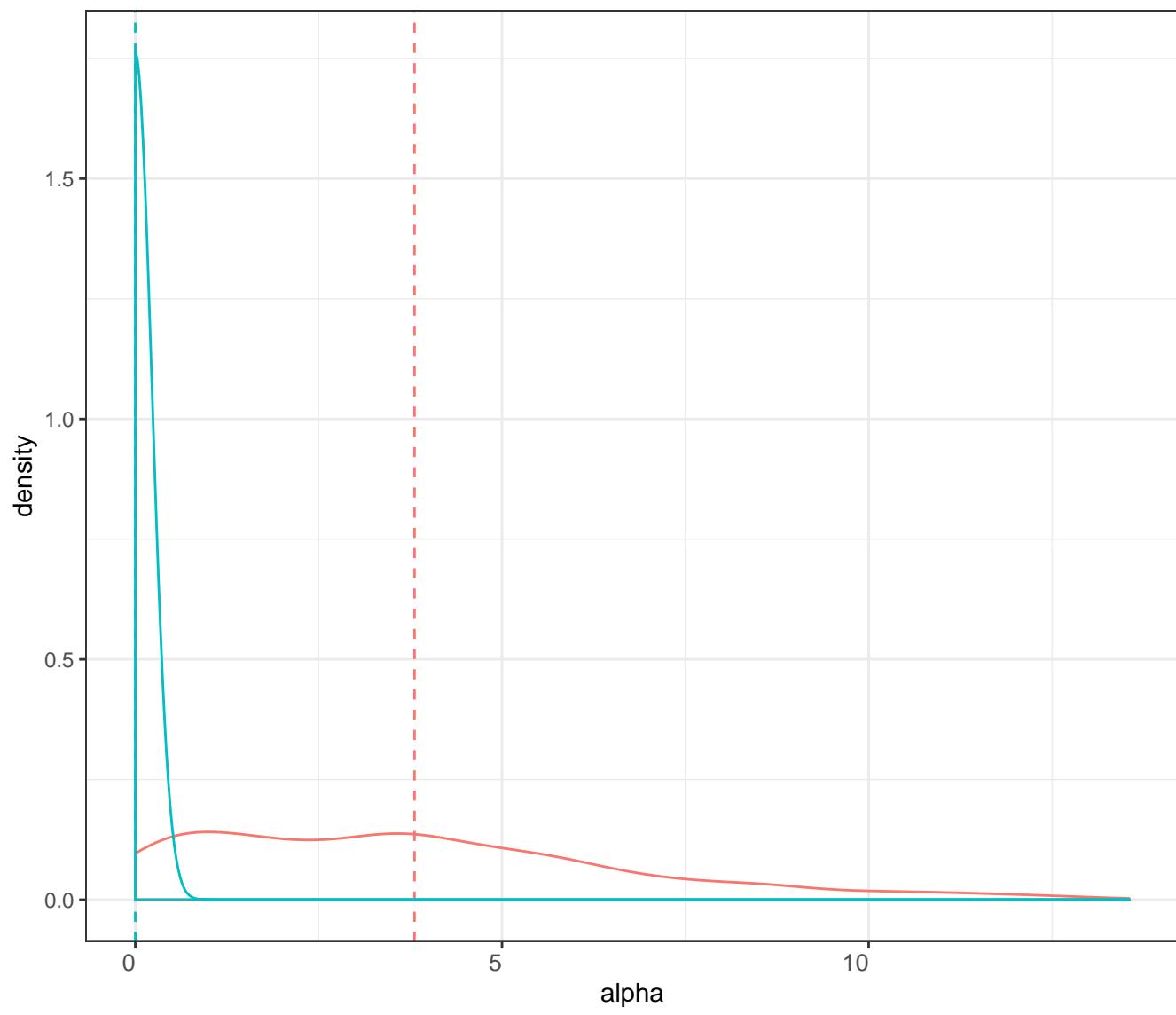
Trace plot for the number of groups K for S=50 r=10 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=50 ,r=10 true gr K=4 ,type=4 ,N=204

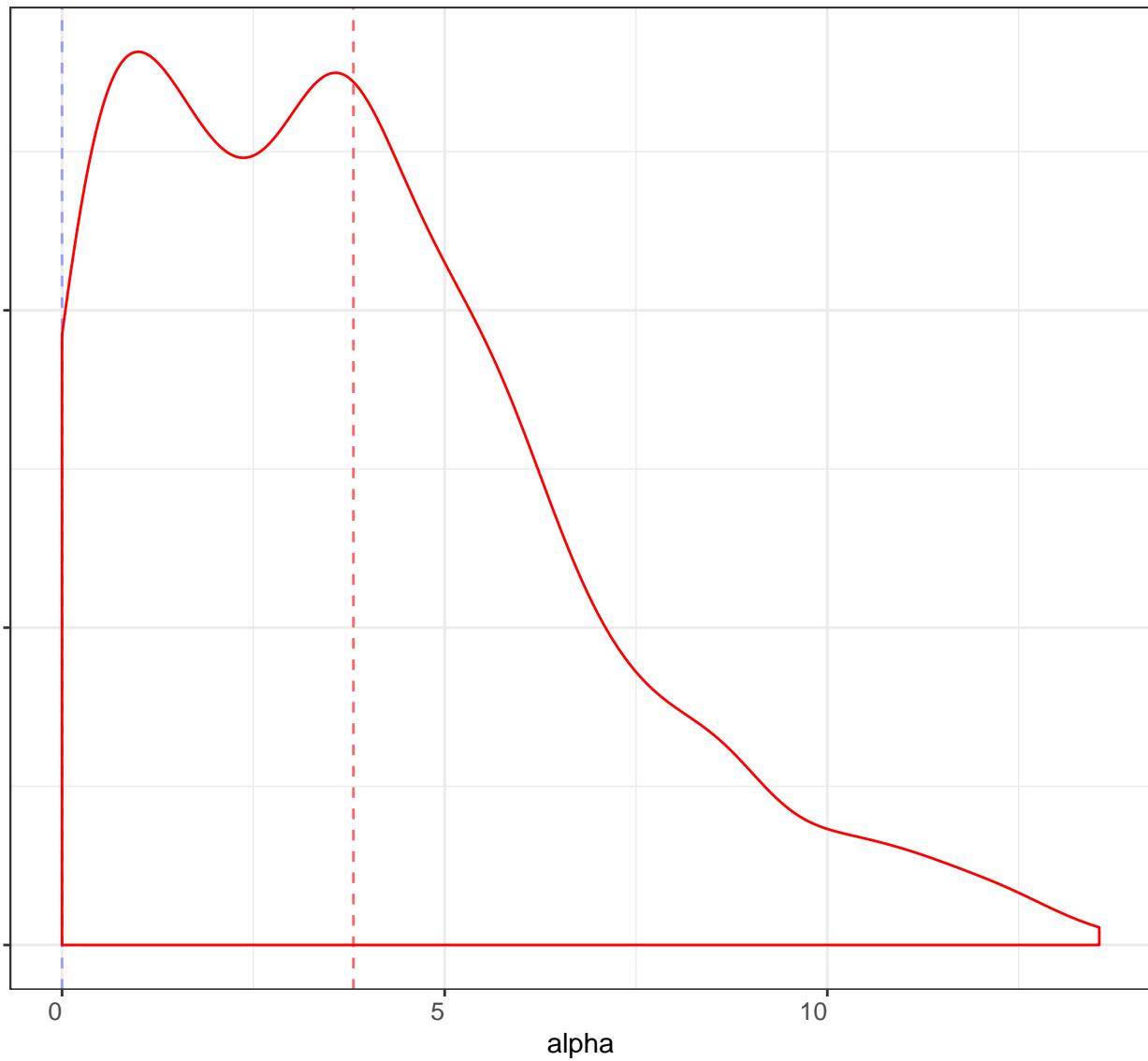
type [] posterior [] prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

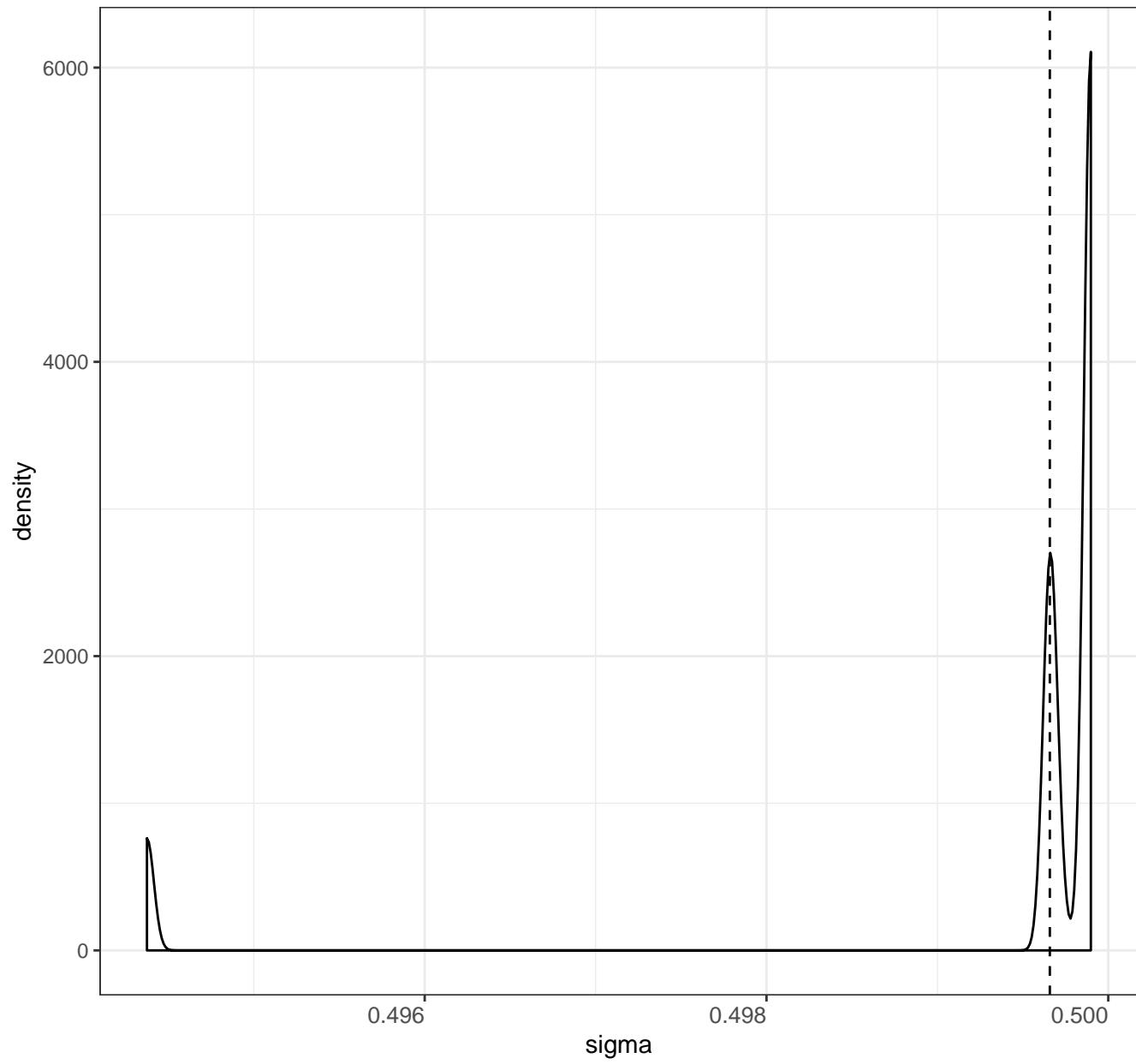
Posterior distribution for alpha

Legend | posterior mean | prior mean

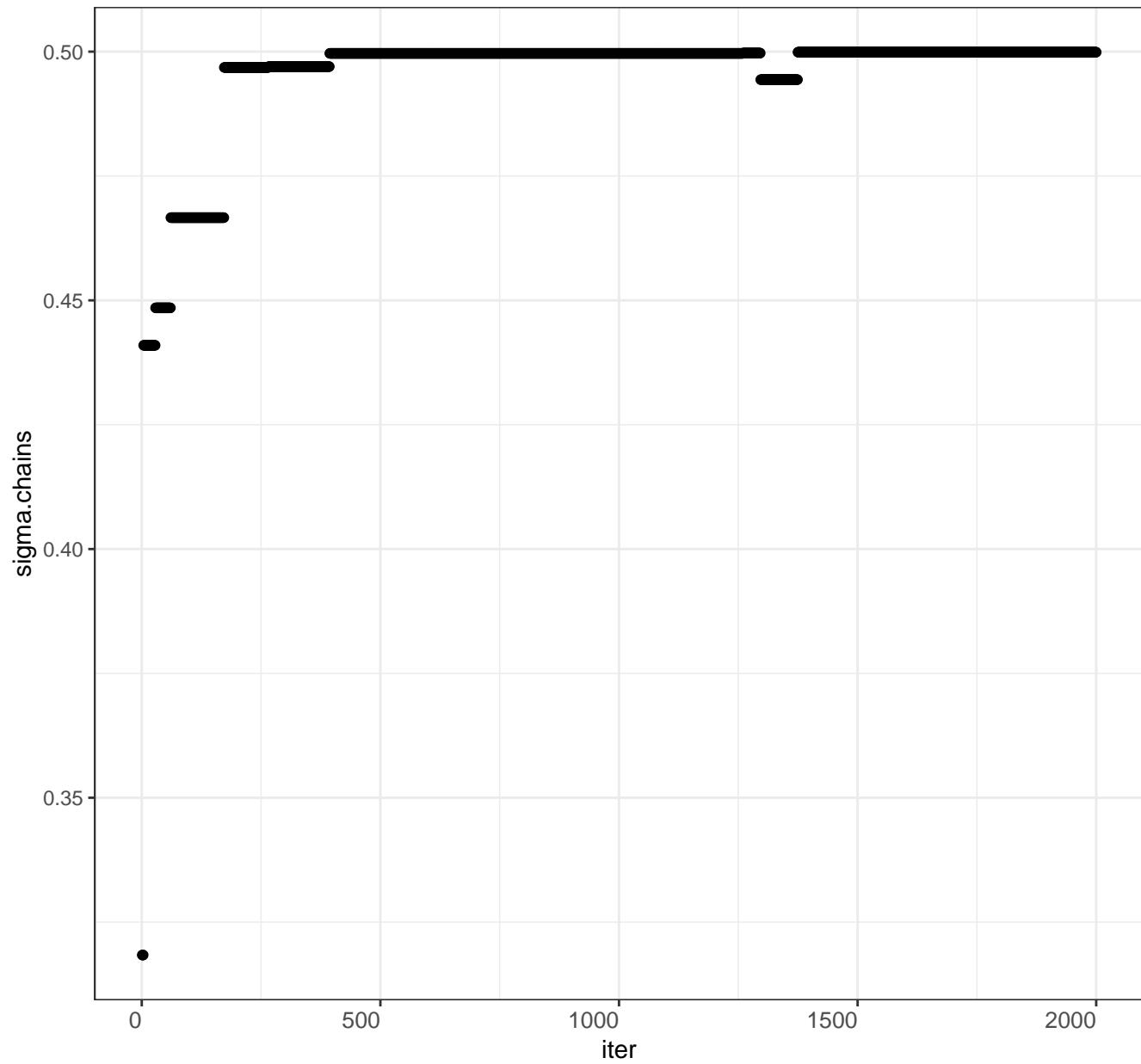


Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=10 true gr K=4 ,type=4 ,N=204

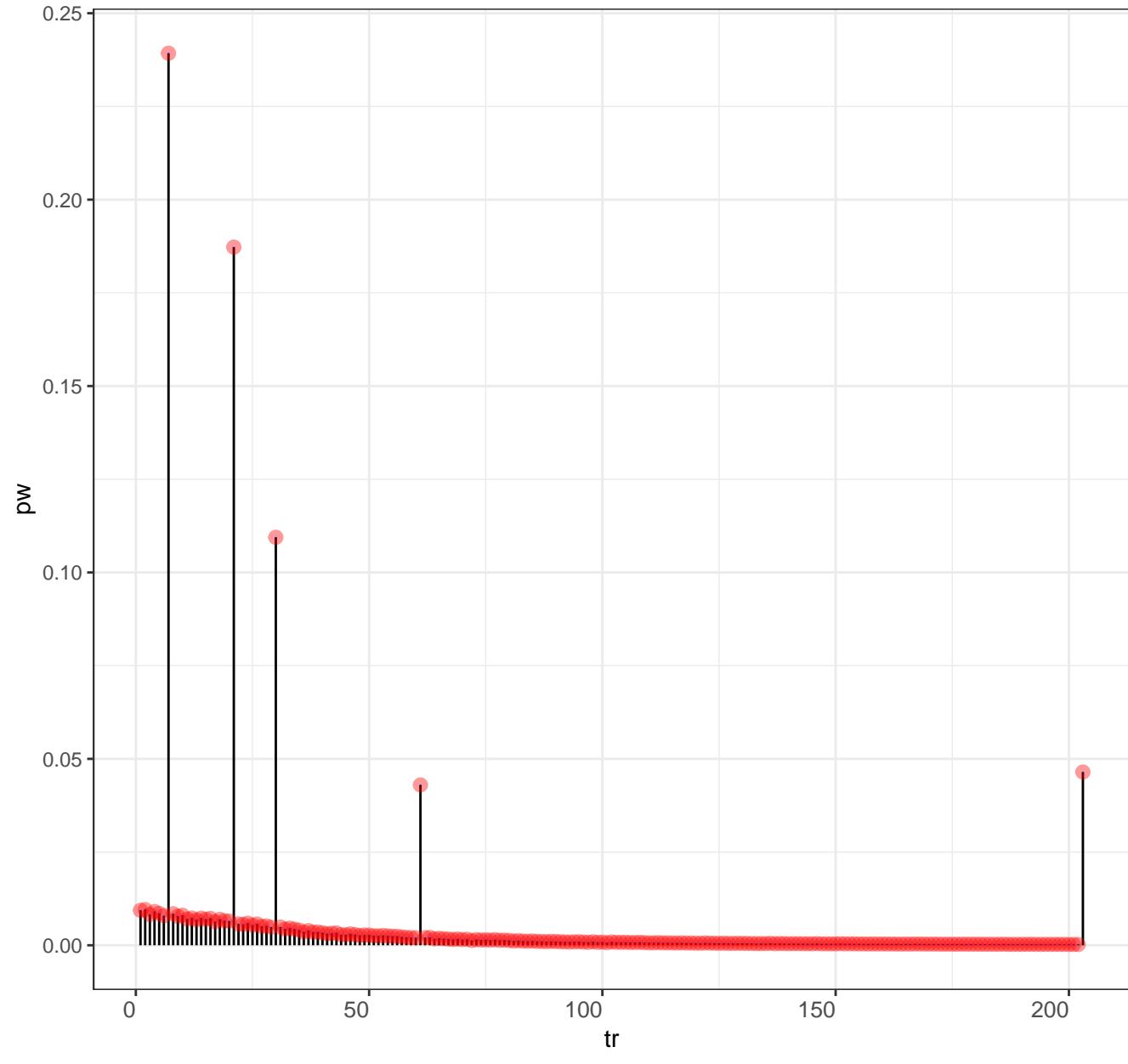
Distribution sigma: S=50 ,r=10 true gr K=4 ,type=4 ,N=204



Trace plot for the sigma for S=50 r=10 true K=4 type=4

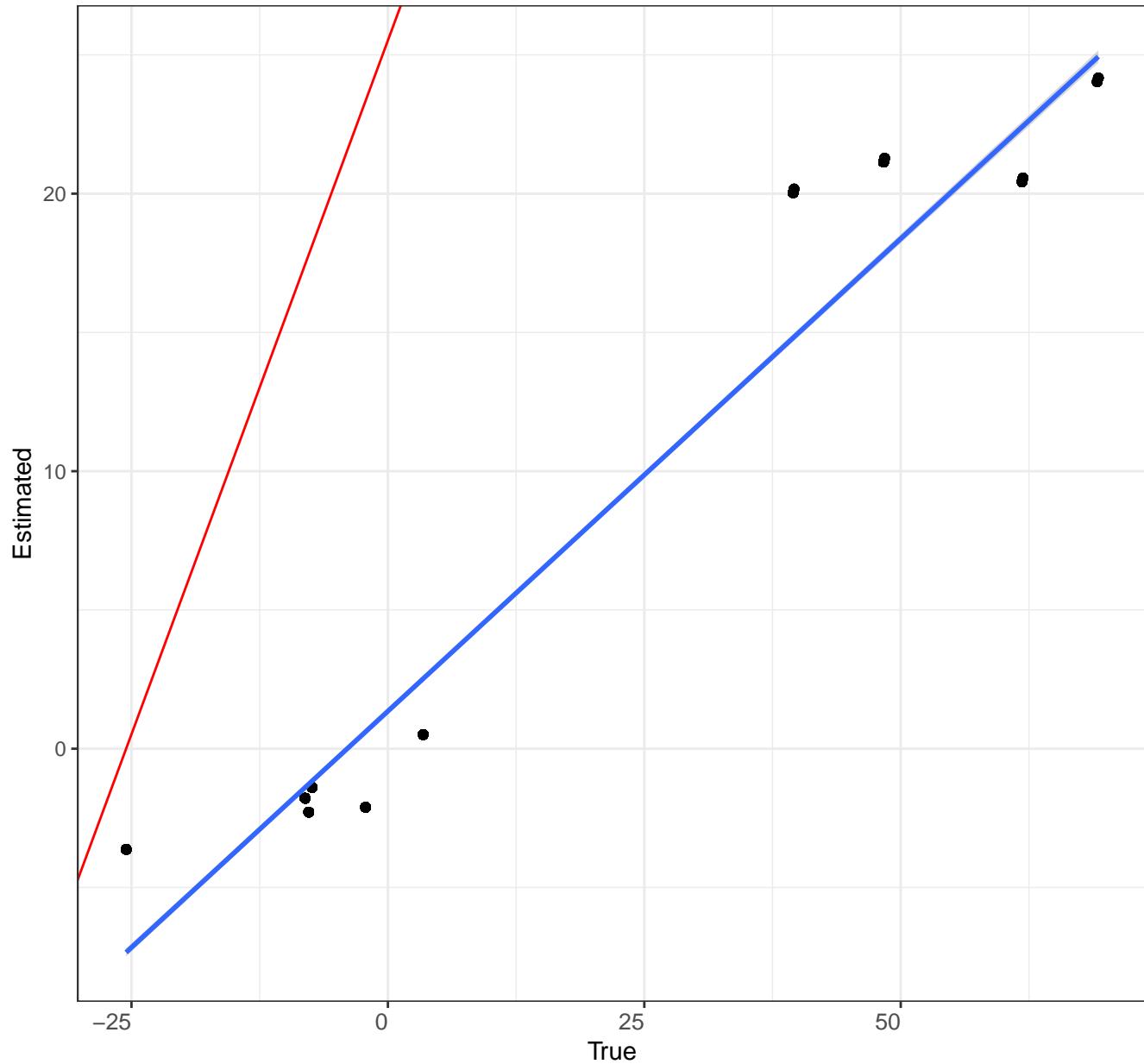


Weights for the case: S=50 ,r=10 true gr K=4 ,type=4 ,N=204 pN=0.046



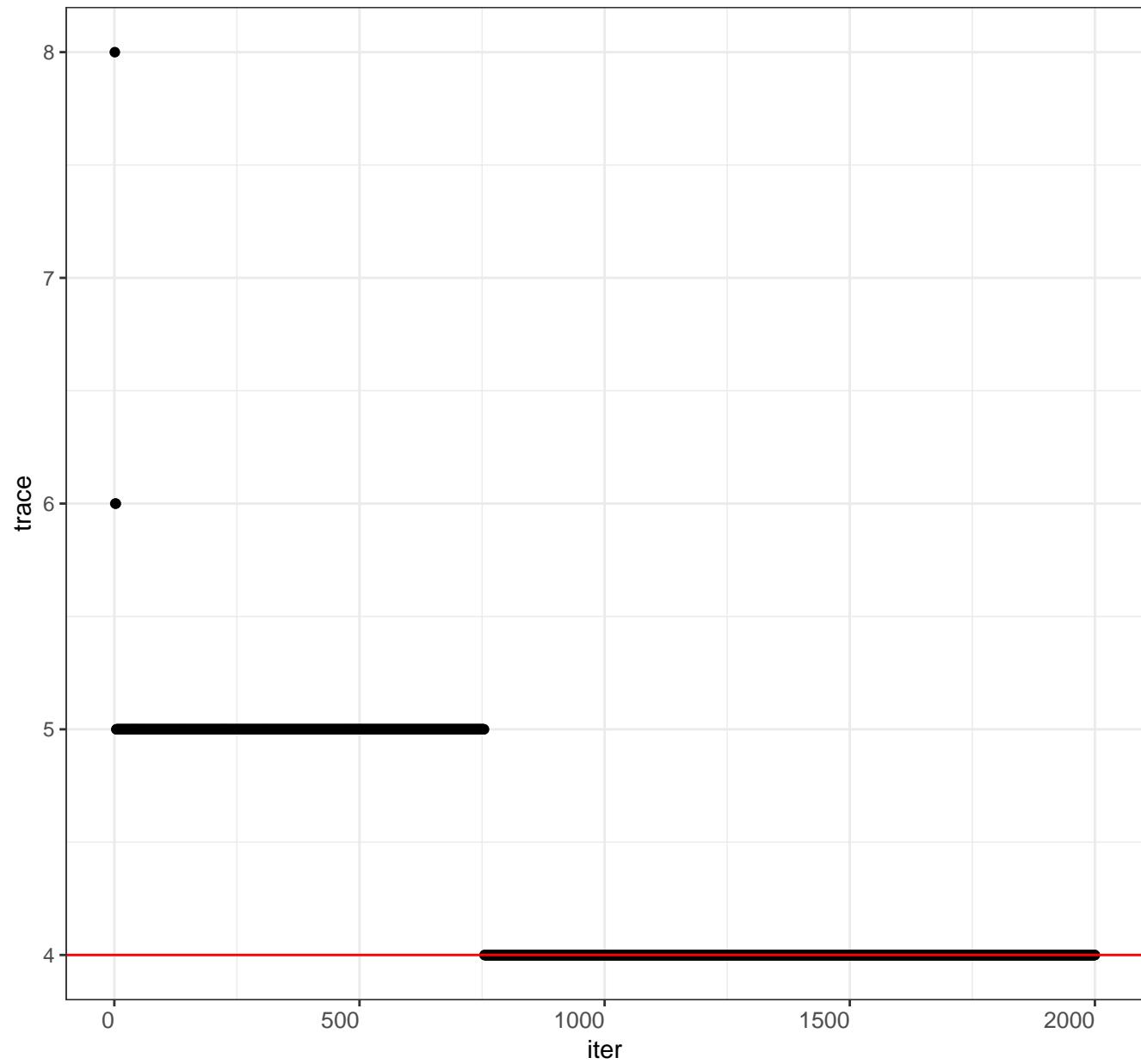
Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 r=10 true K=4 type=4

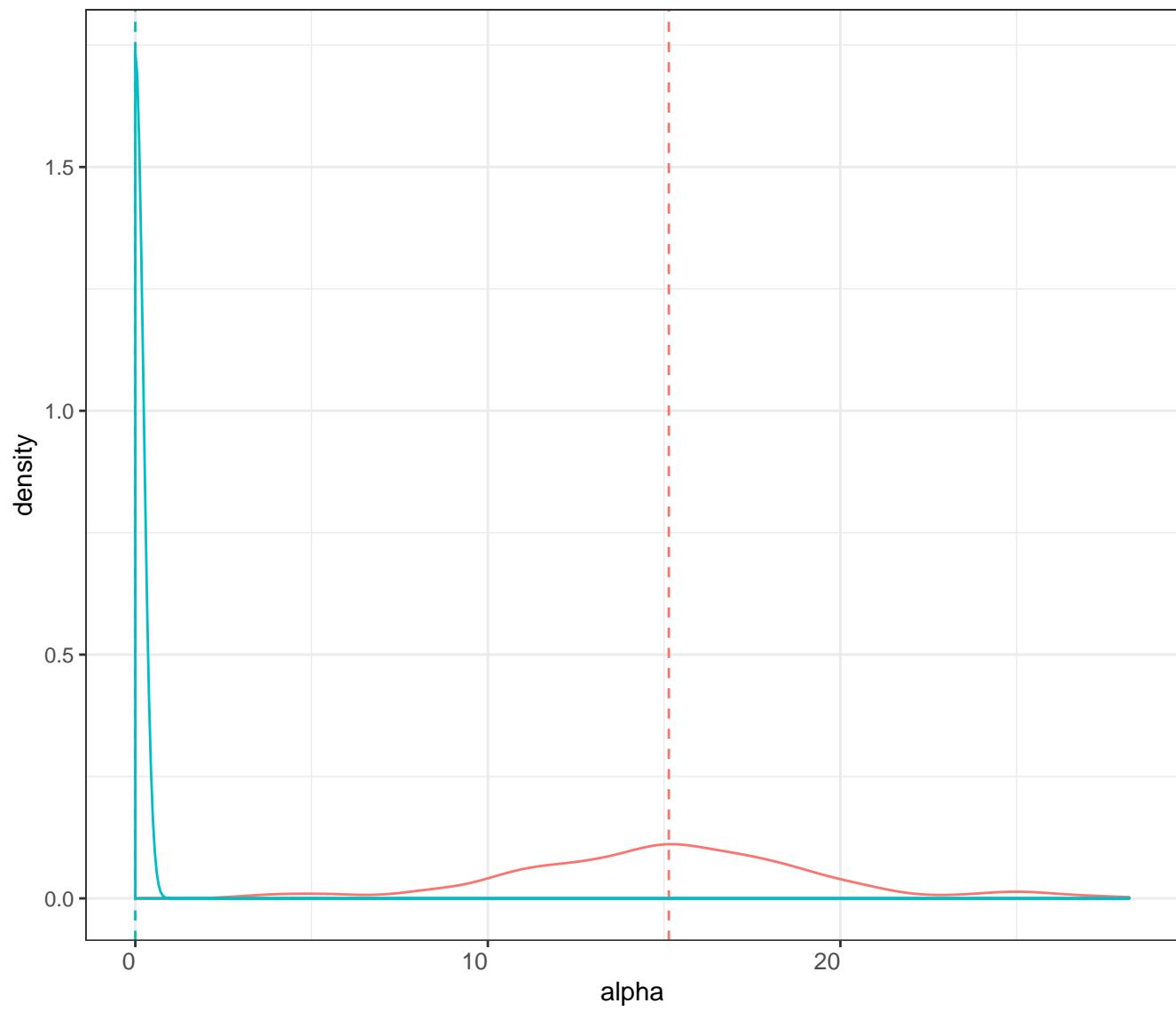
Trace plot for the number of groups K for S=50 r=10 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=50 ,r=10 true gr K=4 ,type=4 ,N=204

type | posterior | prior



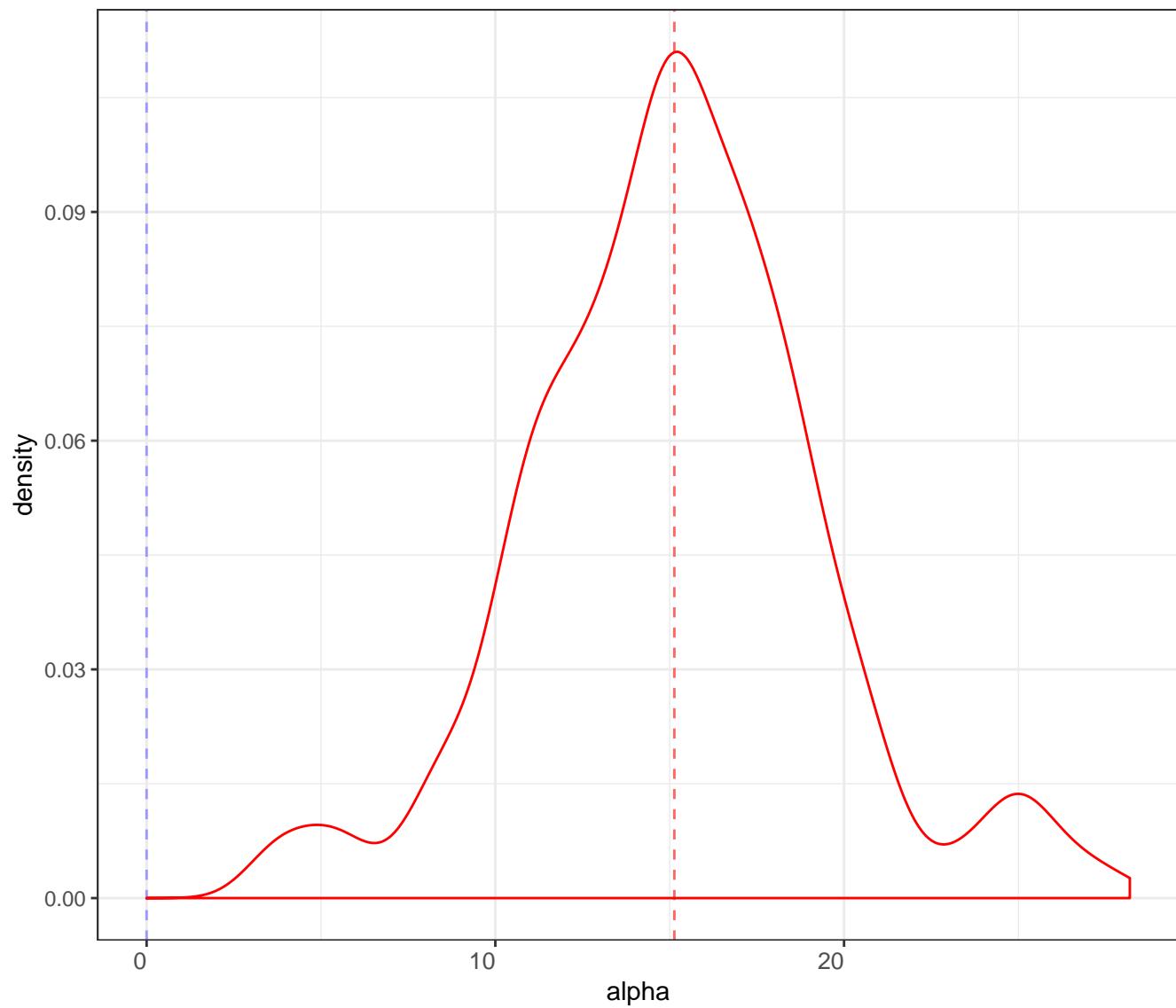
Number of iterations: 2000 burnin: 1000 number of samples: 500

Posterior distribution for alpha

Legend

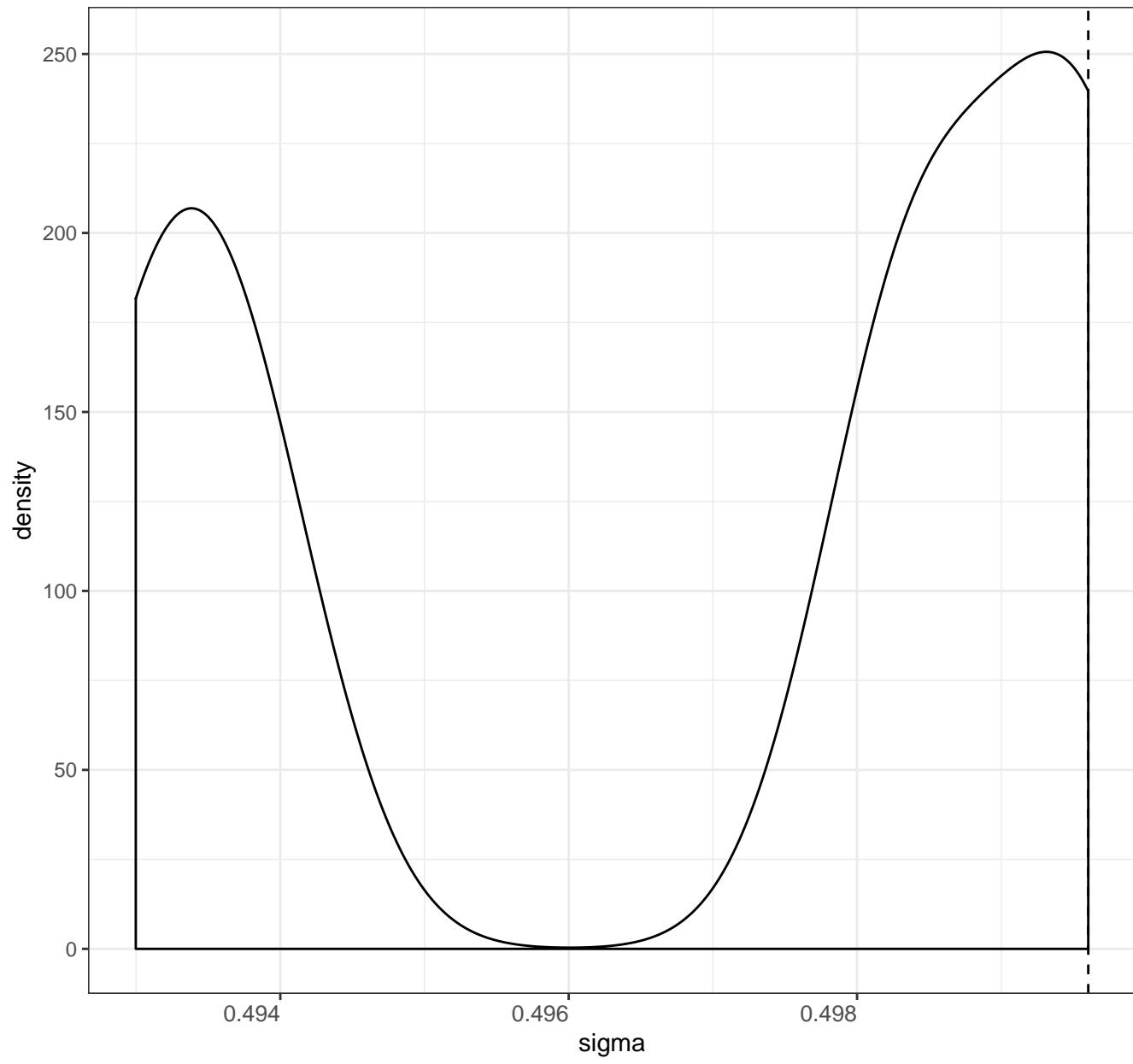
posterior mean

prior mean



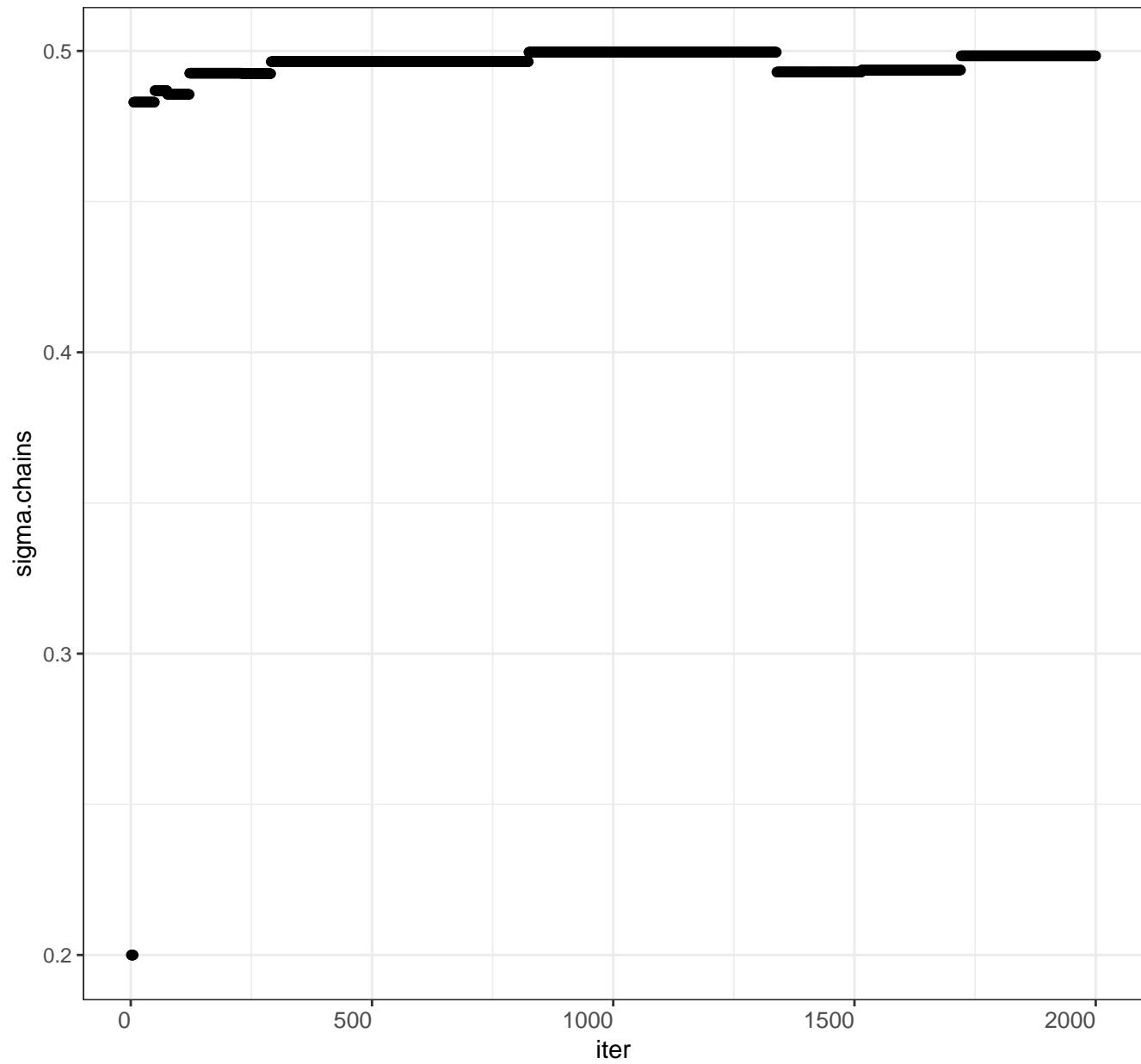
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=10 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=50 ,r=10 true gr K=4 ,type=4 ,N=204



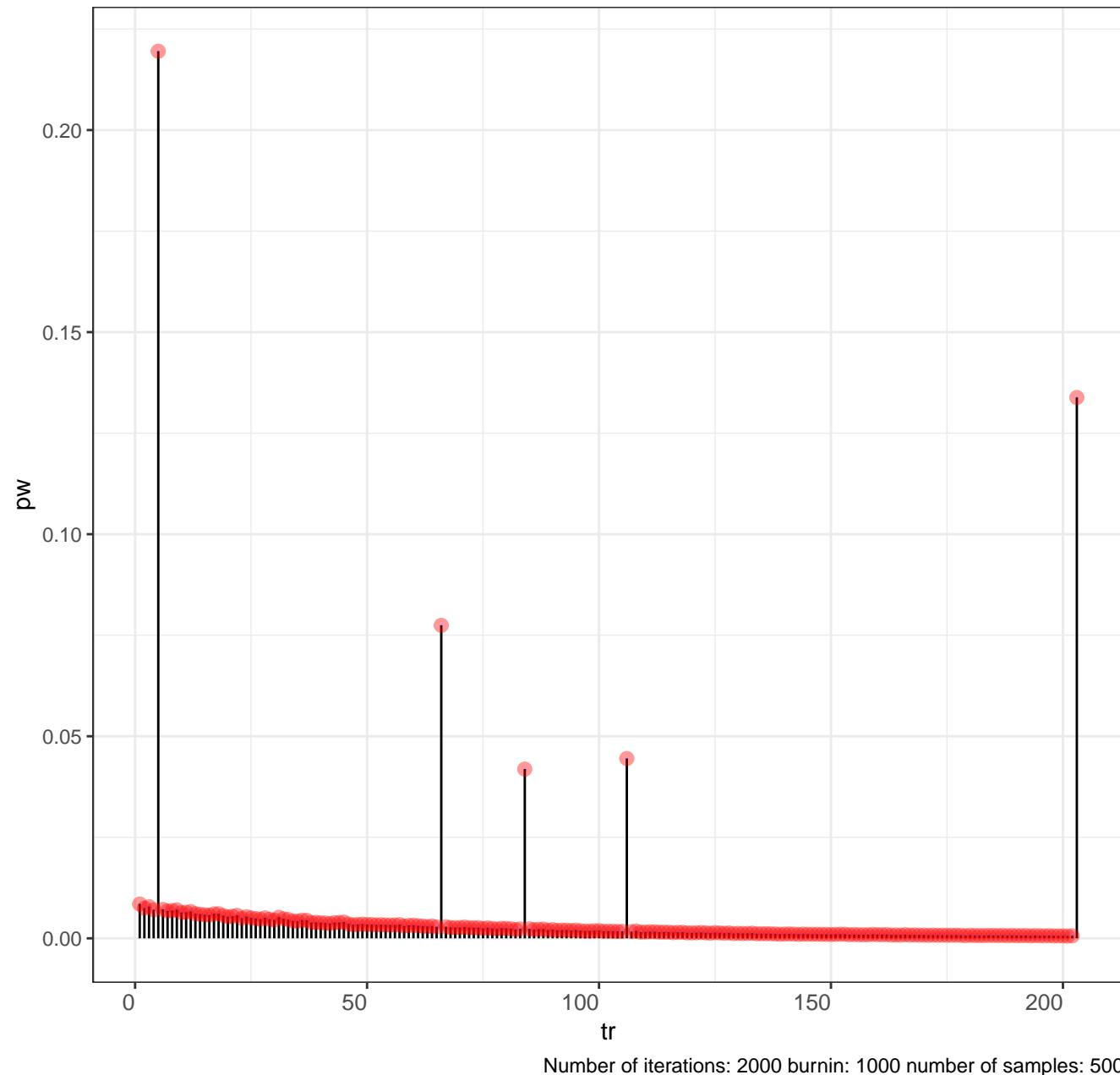
Number of iterations: 2000 burnin: 1000 number of samples: 500

Trace plot for the sigma for S=50 r=10 true K=4 type=4

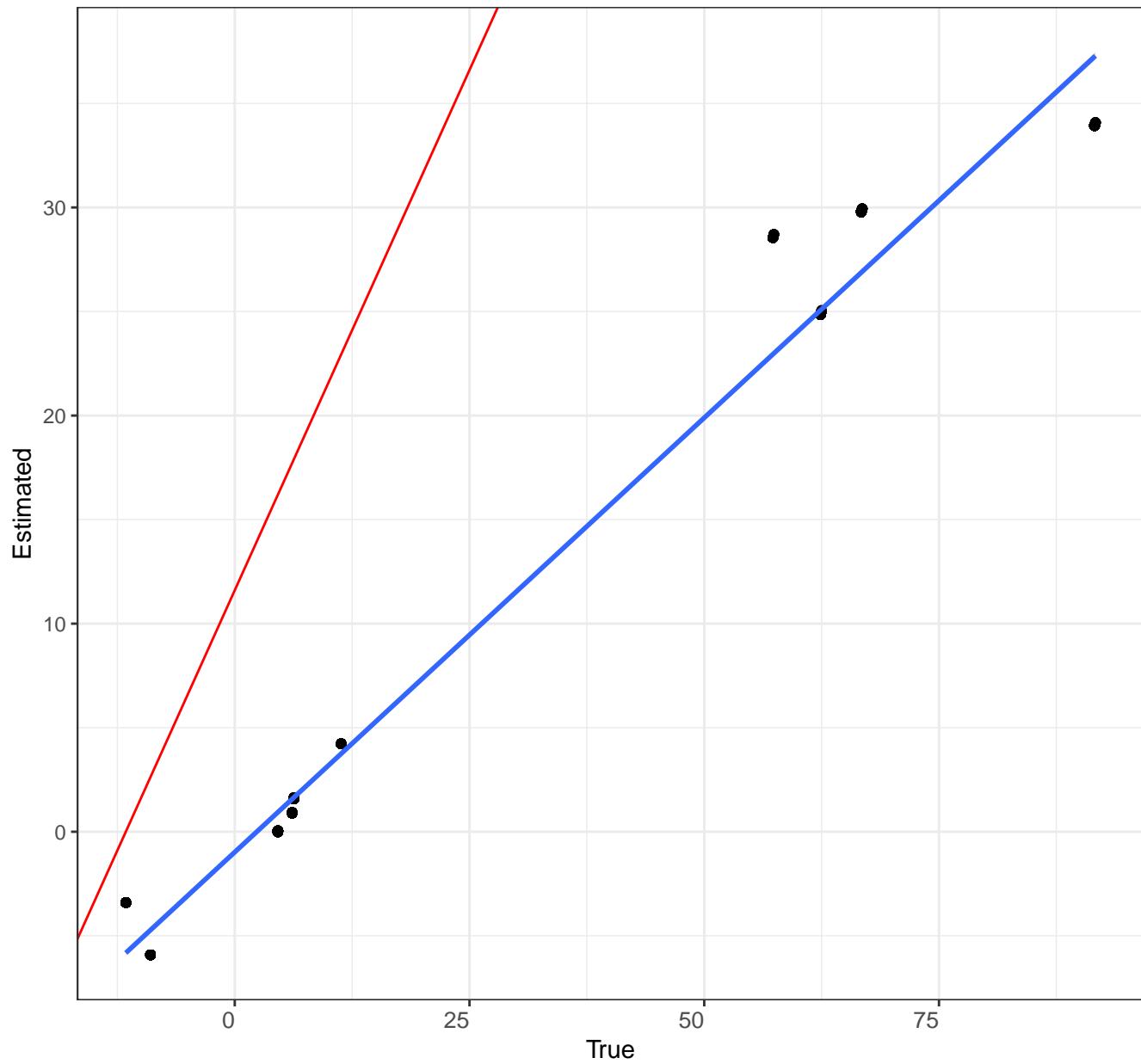


Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=50 ,r=10 true gr K=4 ,type=4 ,N=204 pN=0.134

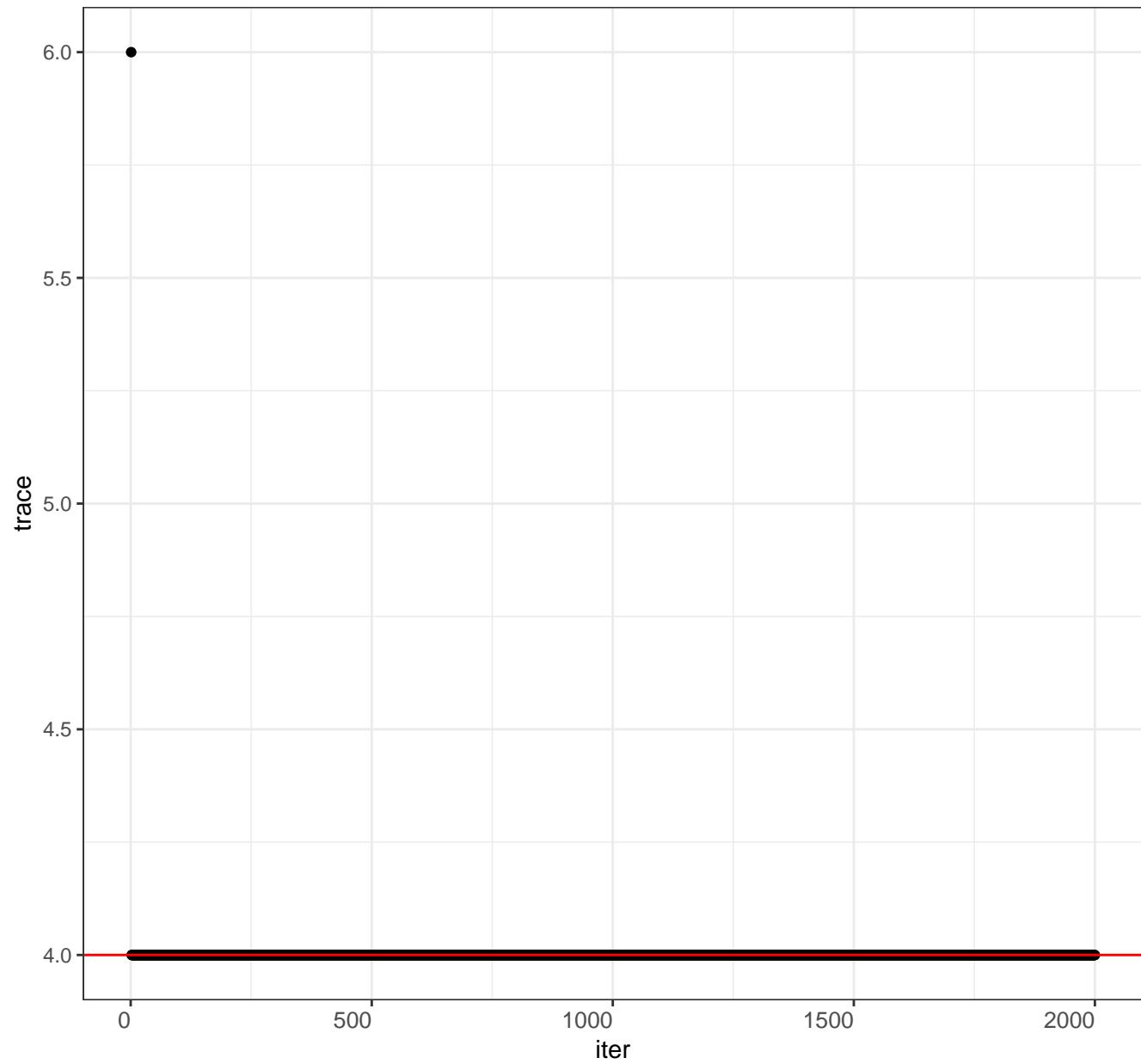


True vs estimated covariance parameters



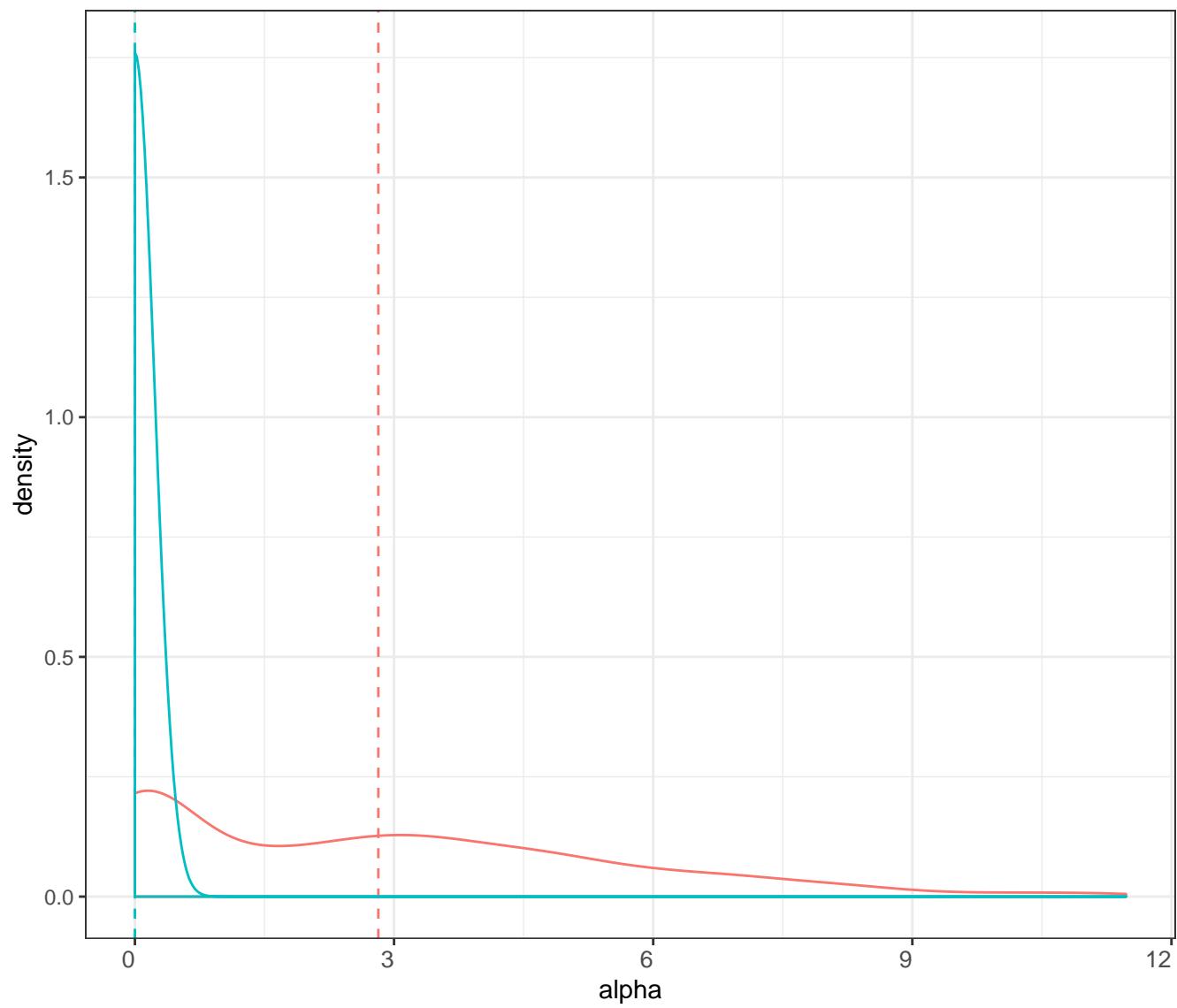
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 r=10 true K=4 type=4

Trace plot for the number of groups K for S=50 r=10 true K=4 type=4



Distribution alpha: S=50 ,r=10 true gr K=4 ,type=4 ,N=204

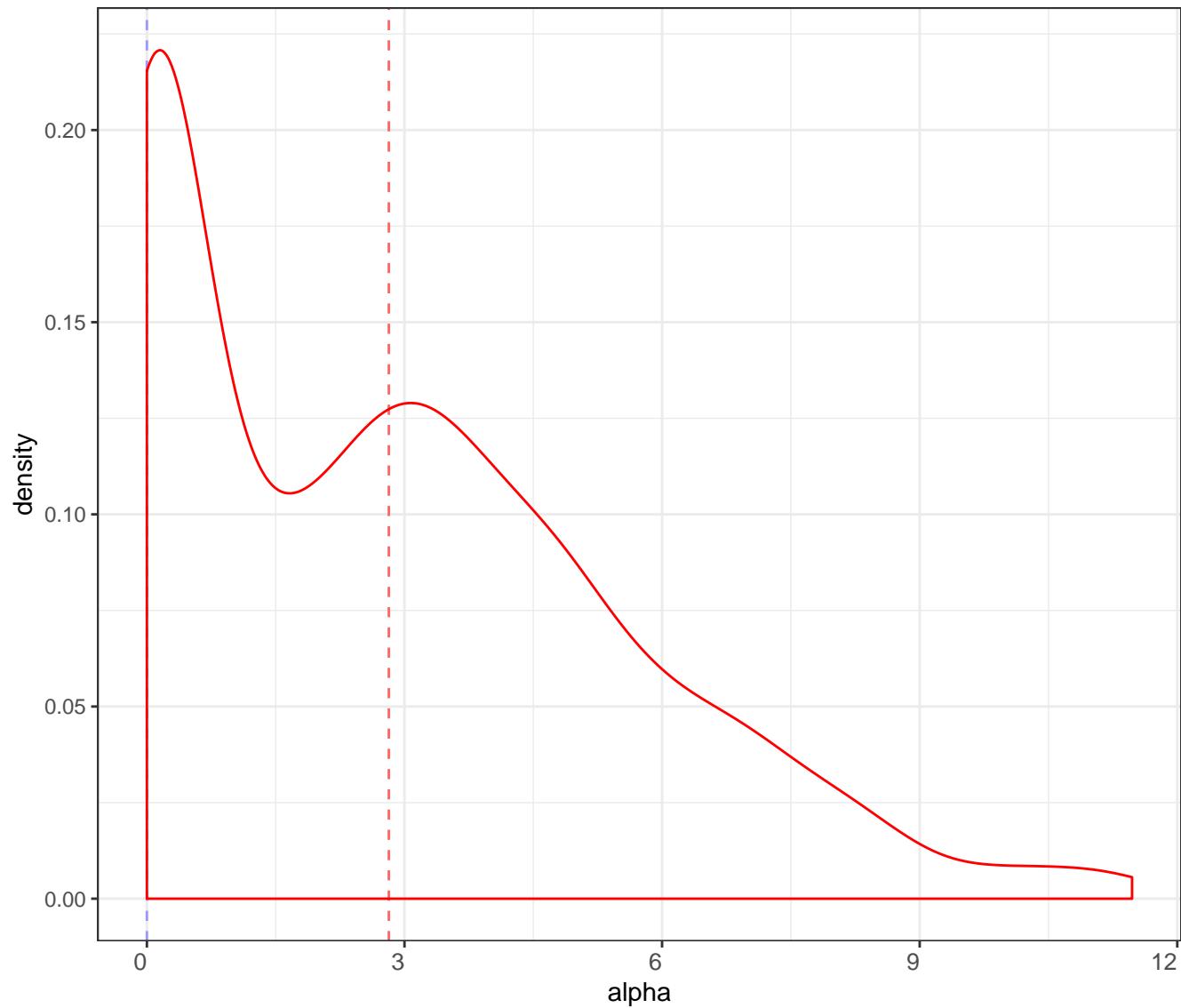
type [] posterior [] prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

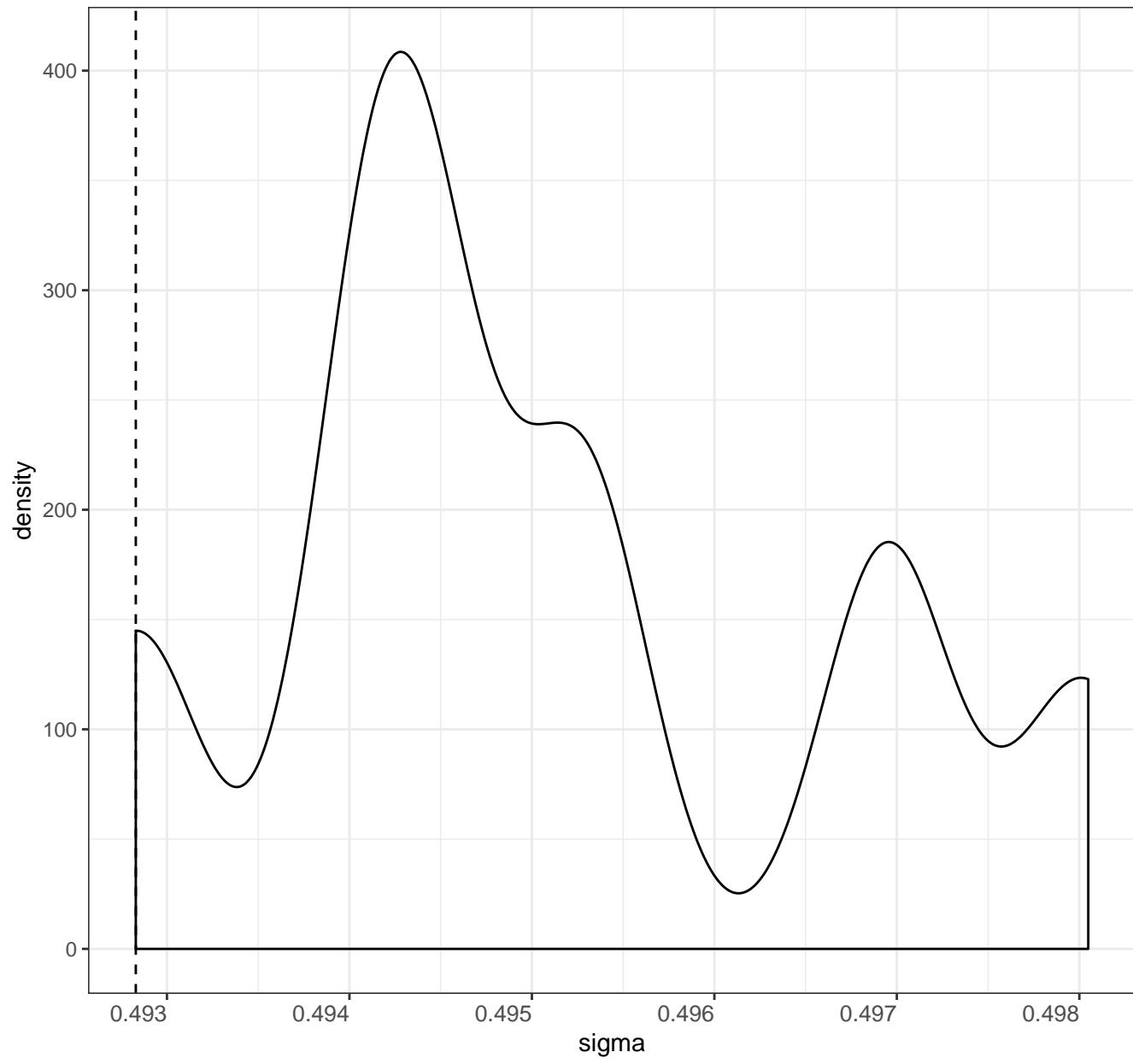
Posterior distribution for alpha

Legend | posterior mean | prior mean

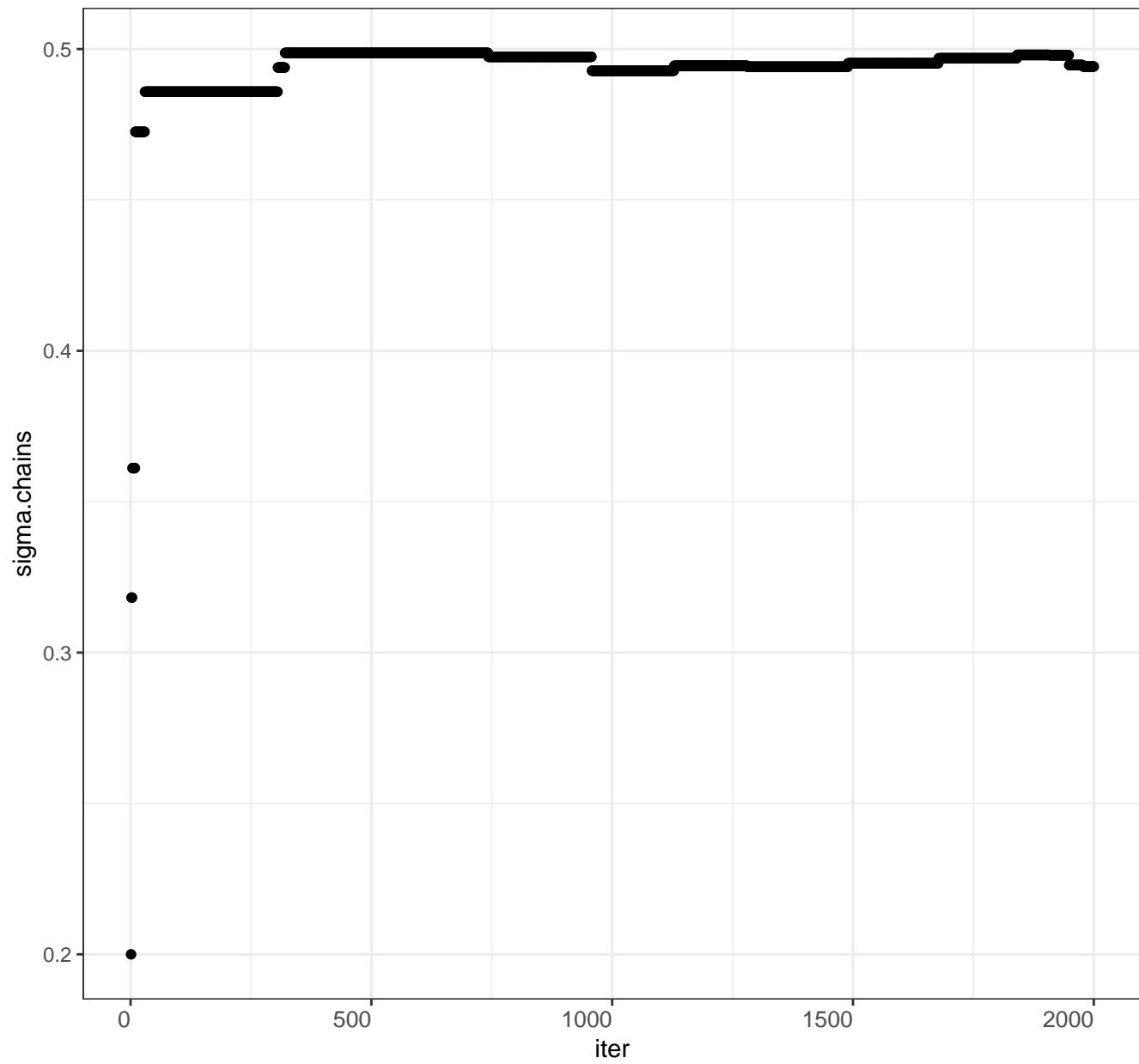


Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=10 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=50 ,r=10 true gr K=4 ,type=4 ,N=204

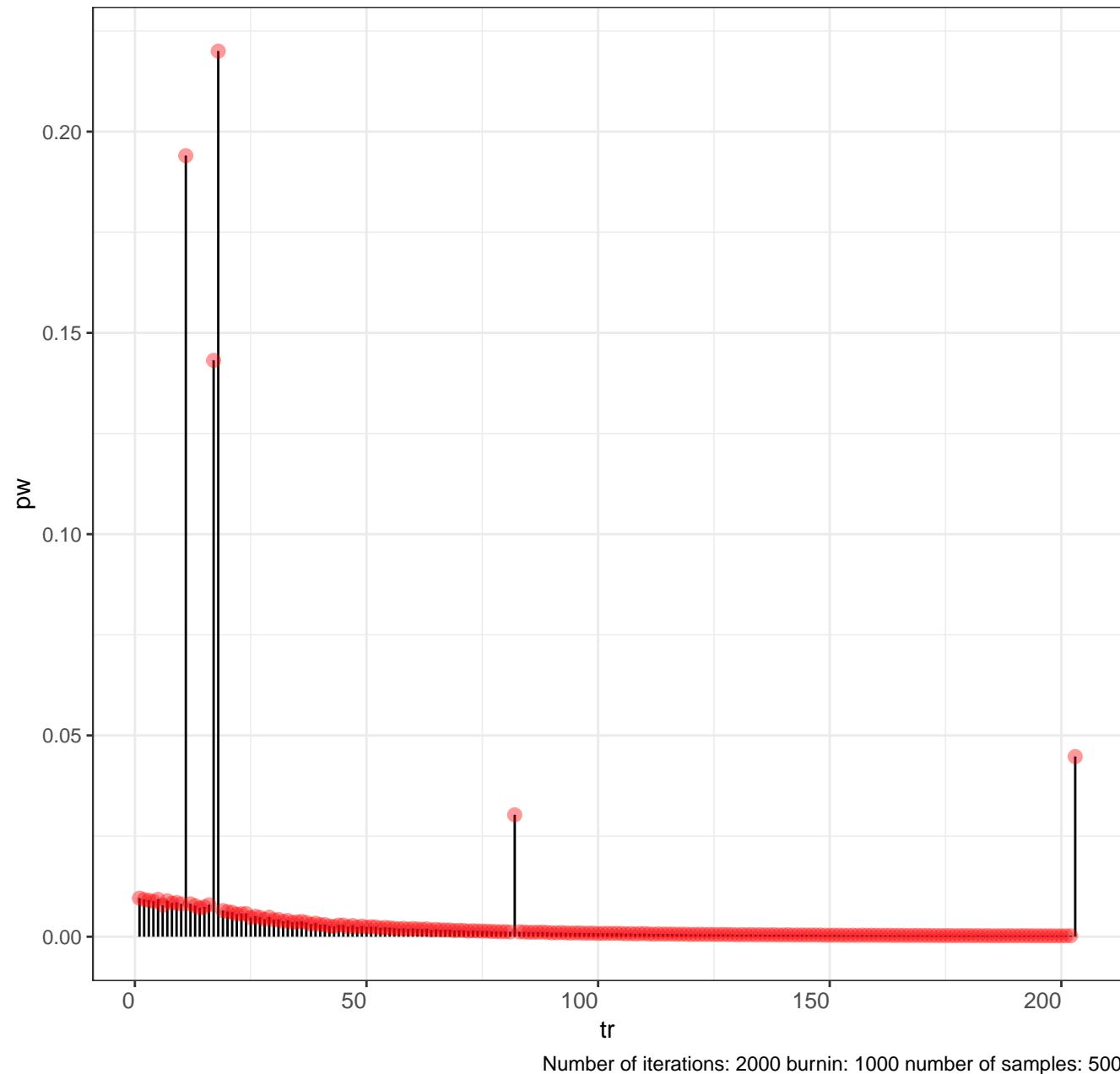


Trace plot for the sigma for S=50 r=10 true K=4 type=4

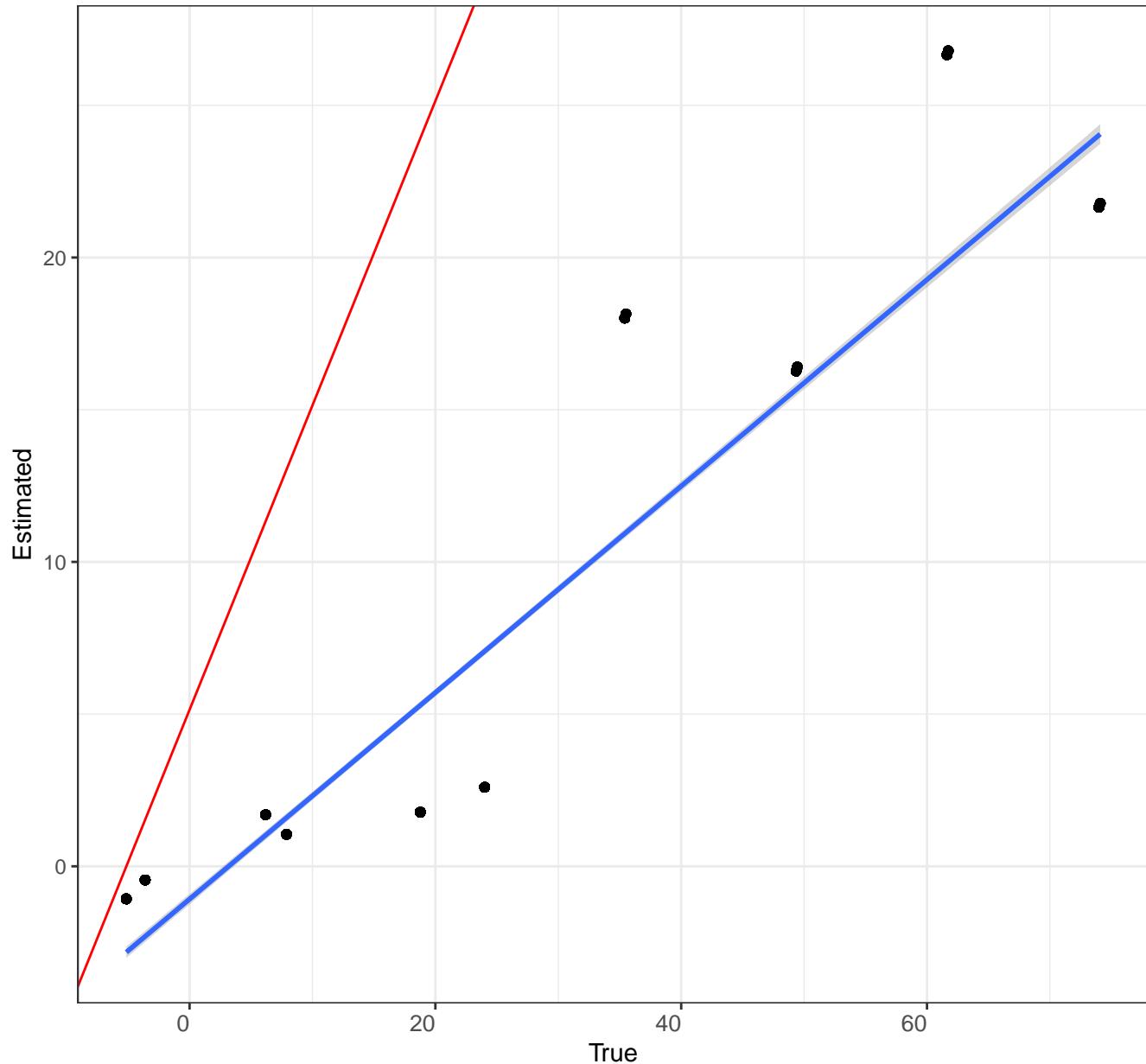


Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=50 ,r=10 true gr K=4 ,type=4 ,N=204 pN=0.045

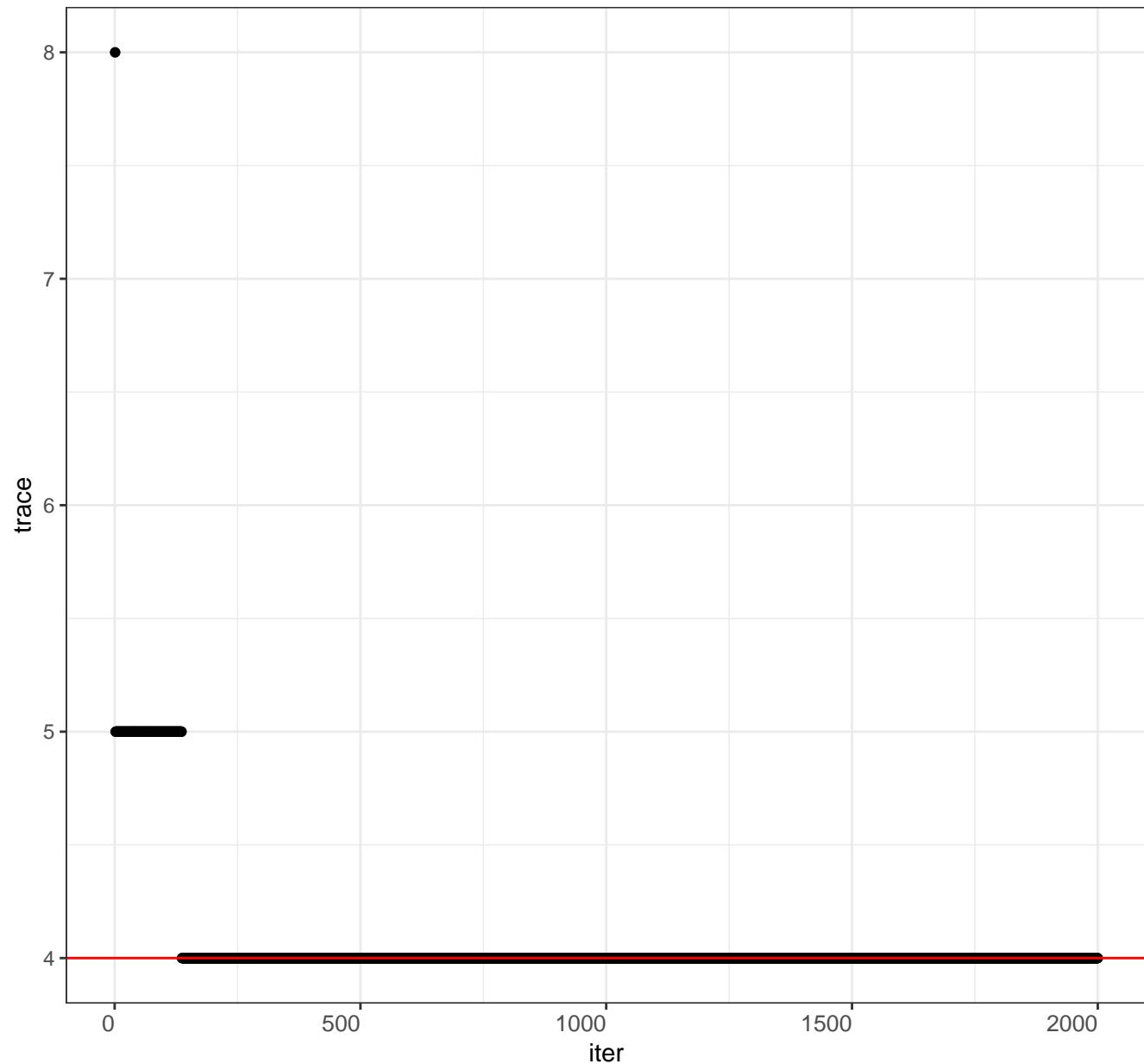


True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 r=10 true K=4 type=4

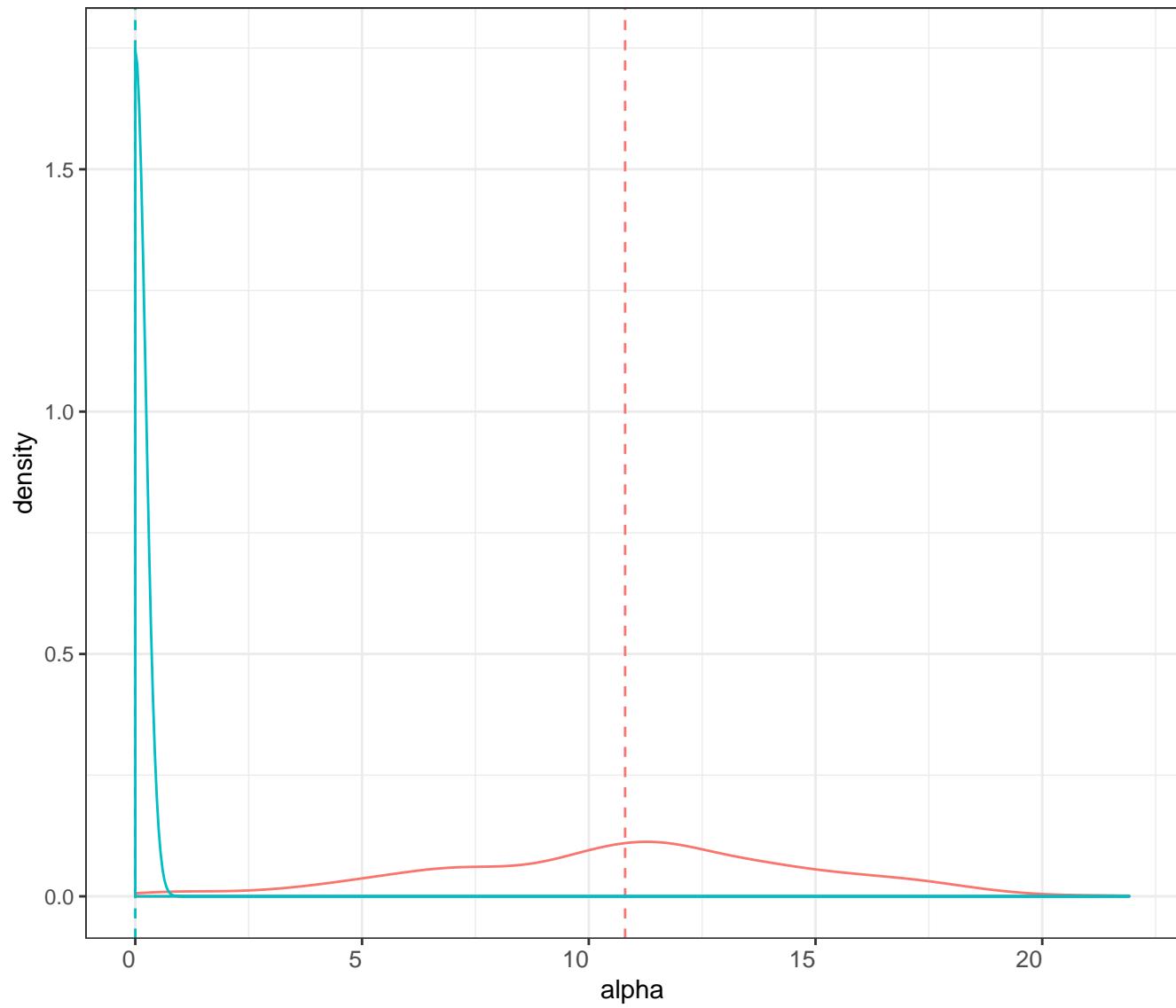
Trace plot for the number of groups K for S=50 r=10 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=50 ,r=10 true gr K=4 ,type=4 ,N=204

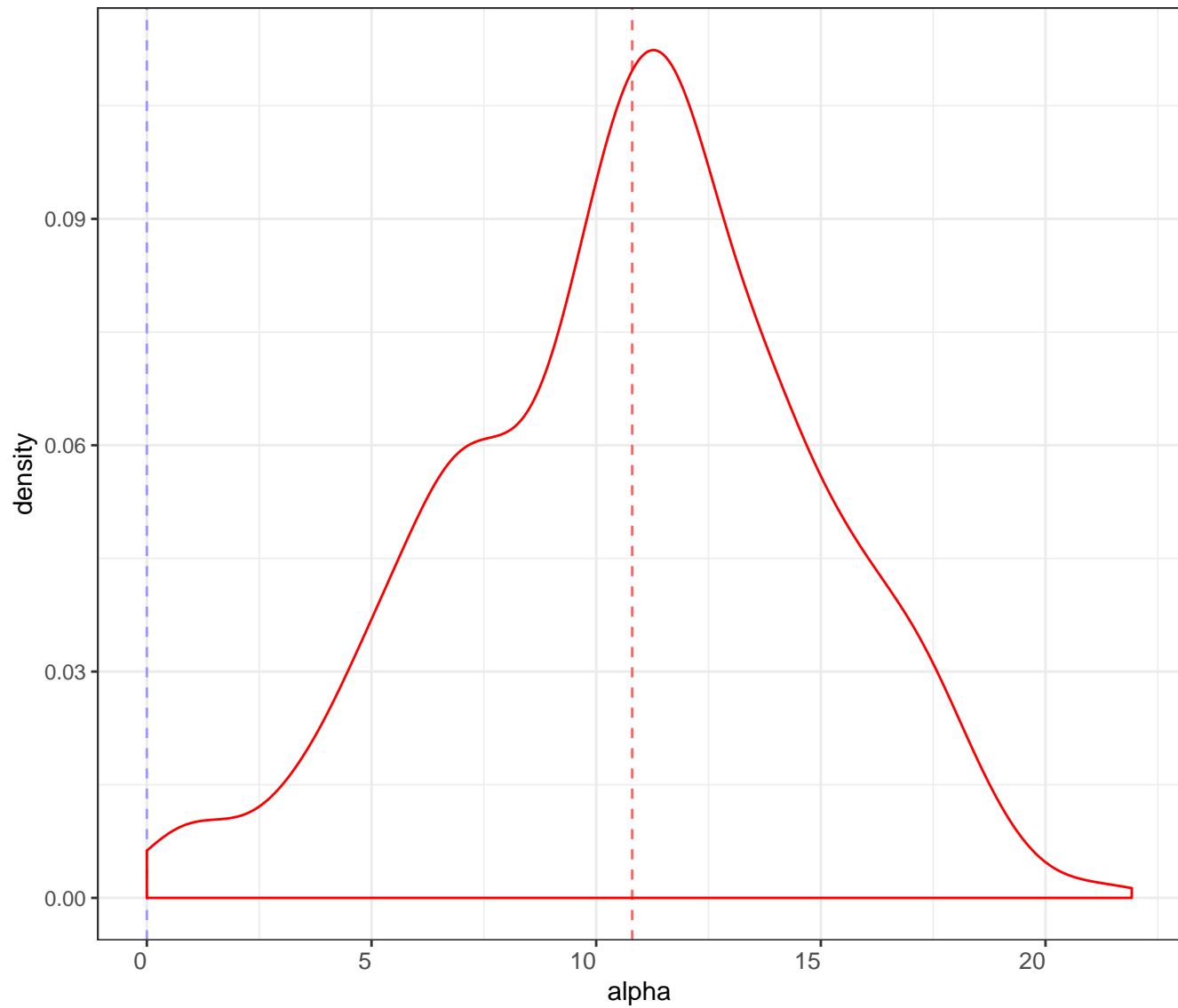
type [] posterior [] prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

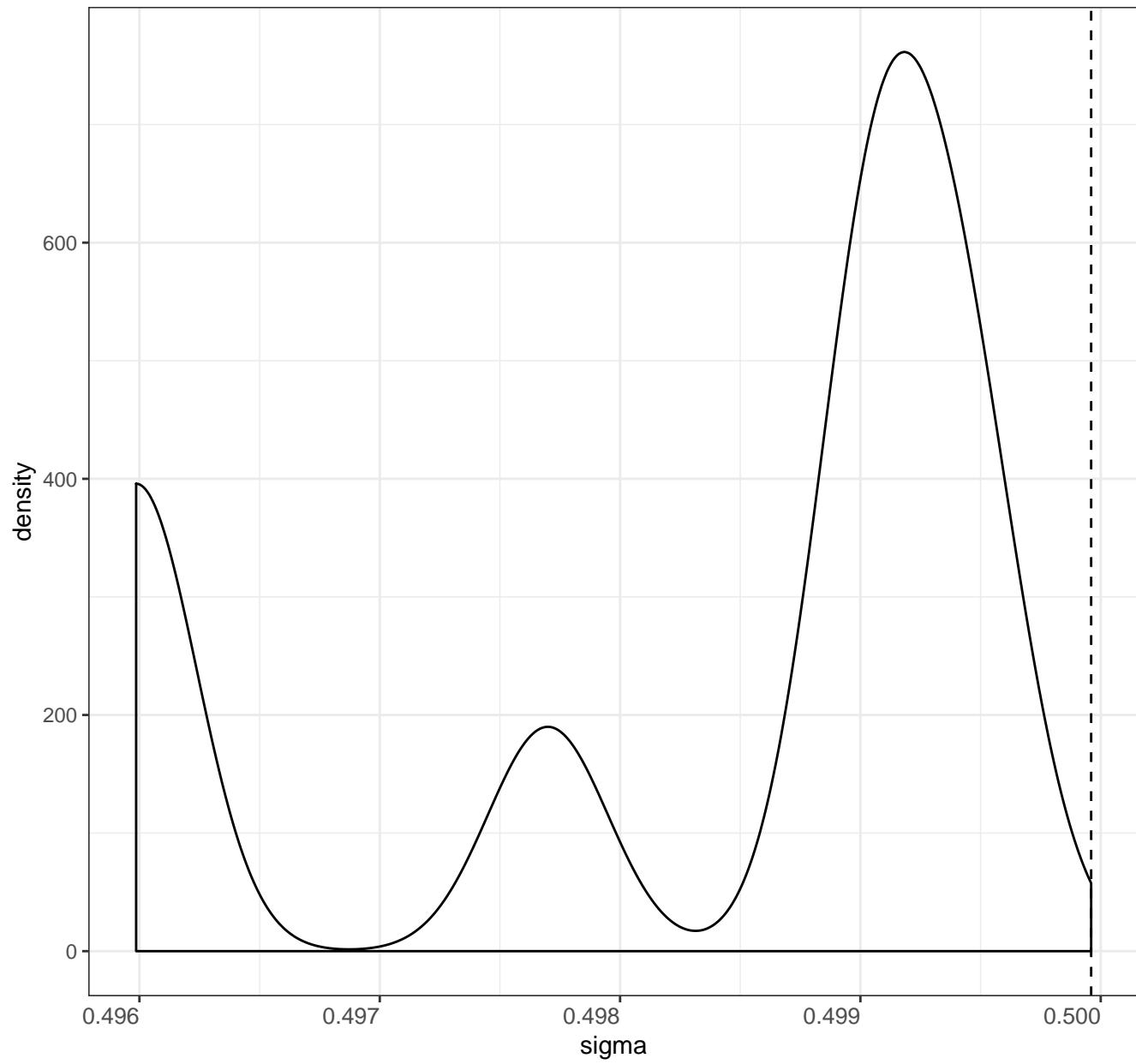
Posterior distribution for alpha

Legend | posterior mean | prior mean



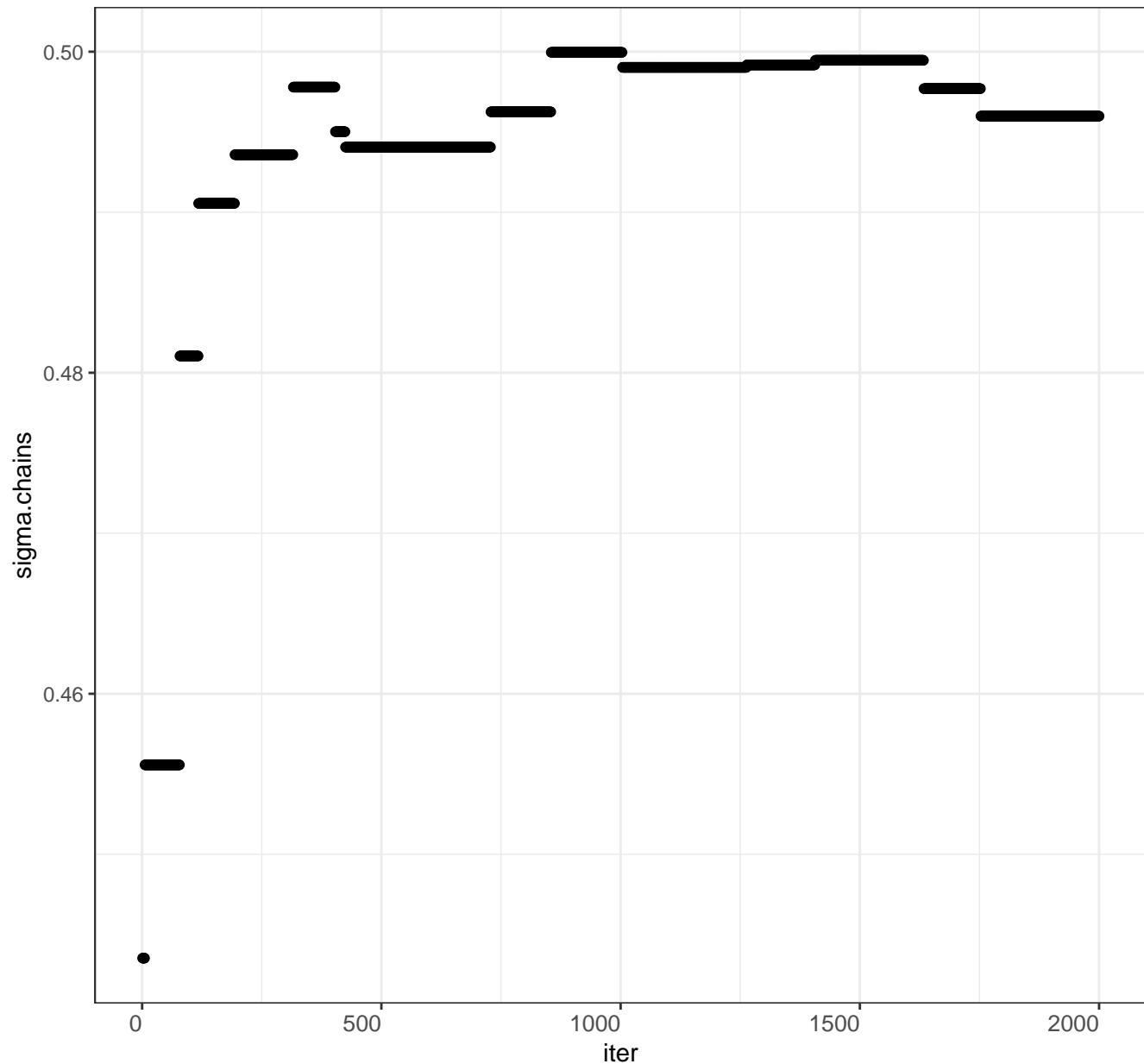
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=10 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=50 ,r=10 true gr K=4 ,type=4 ,N=204



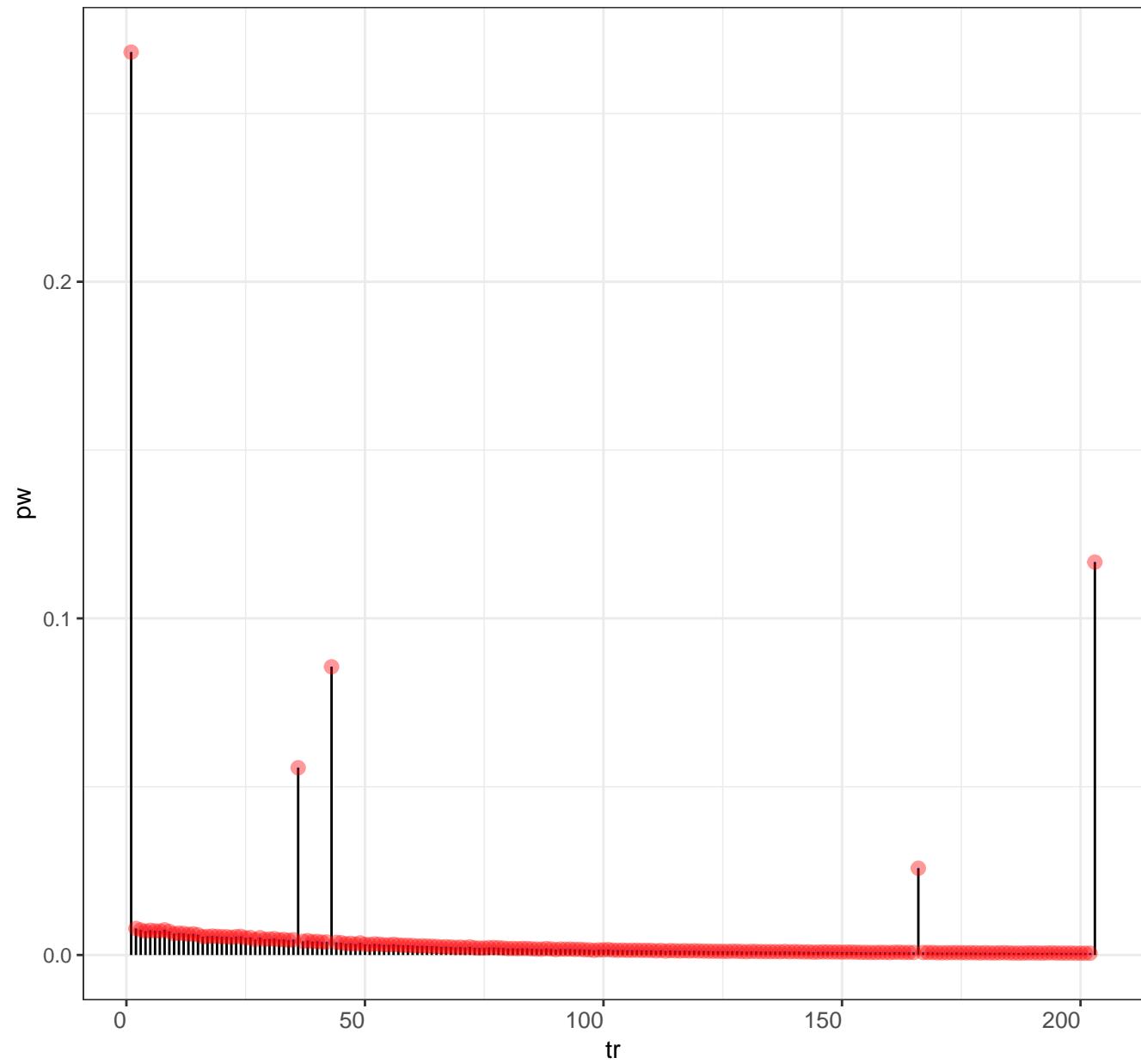
Number of iterations: 2000 burnin: 1000 number of samples: 500

Trace plot for the sigma for S=50 r=10 true K=4 type=4



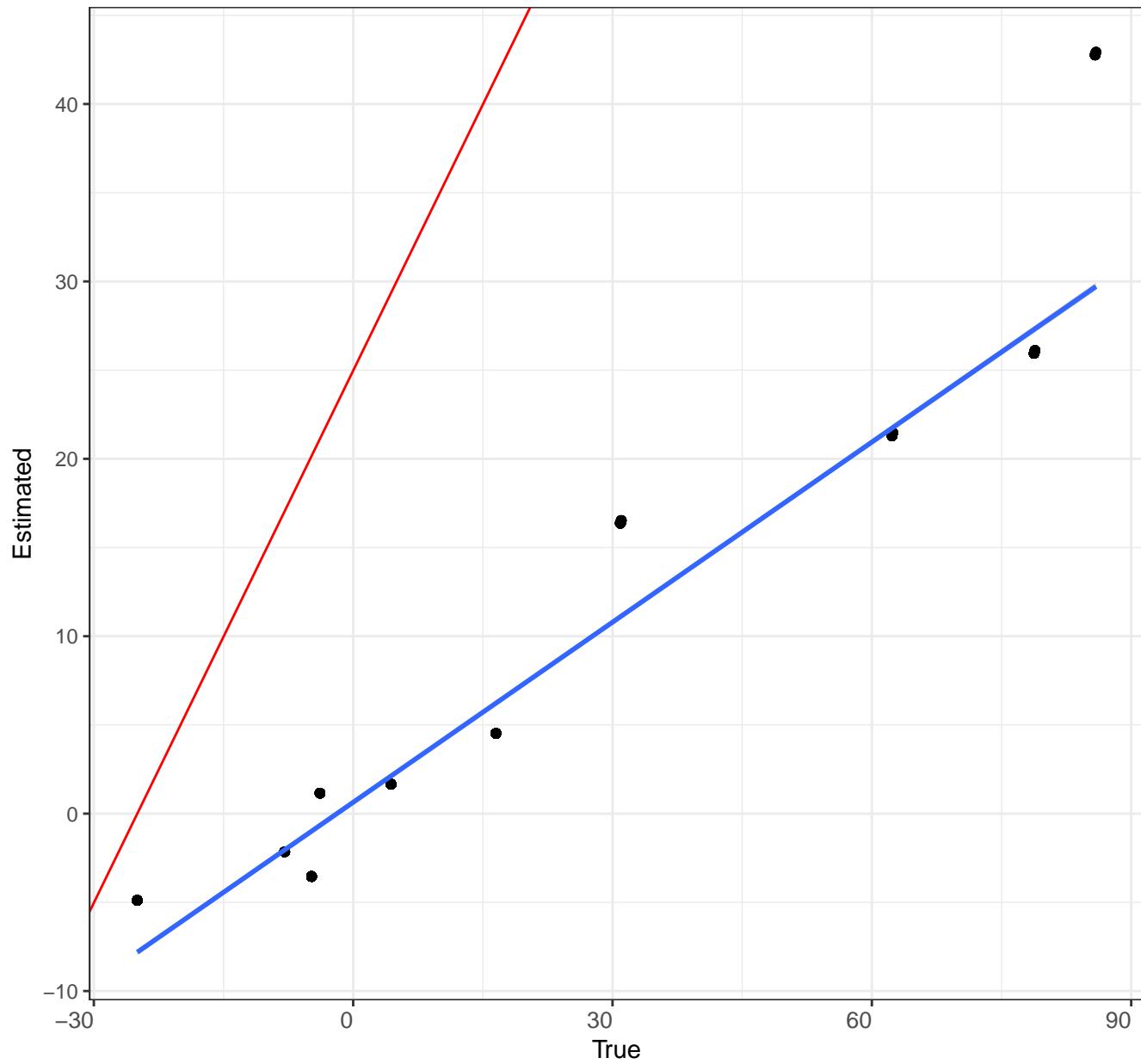
Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=50 ,r=10 true gr K=4 ,type=4 ,N=204 pN=0.117



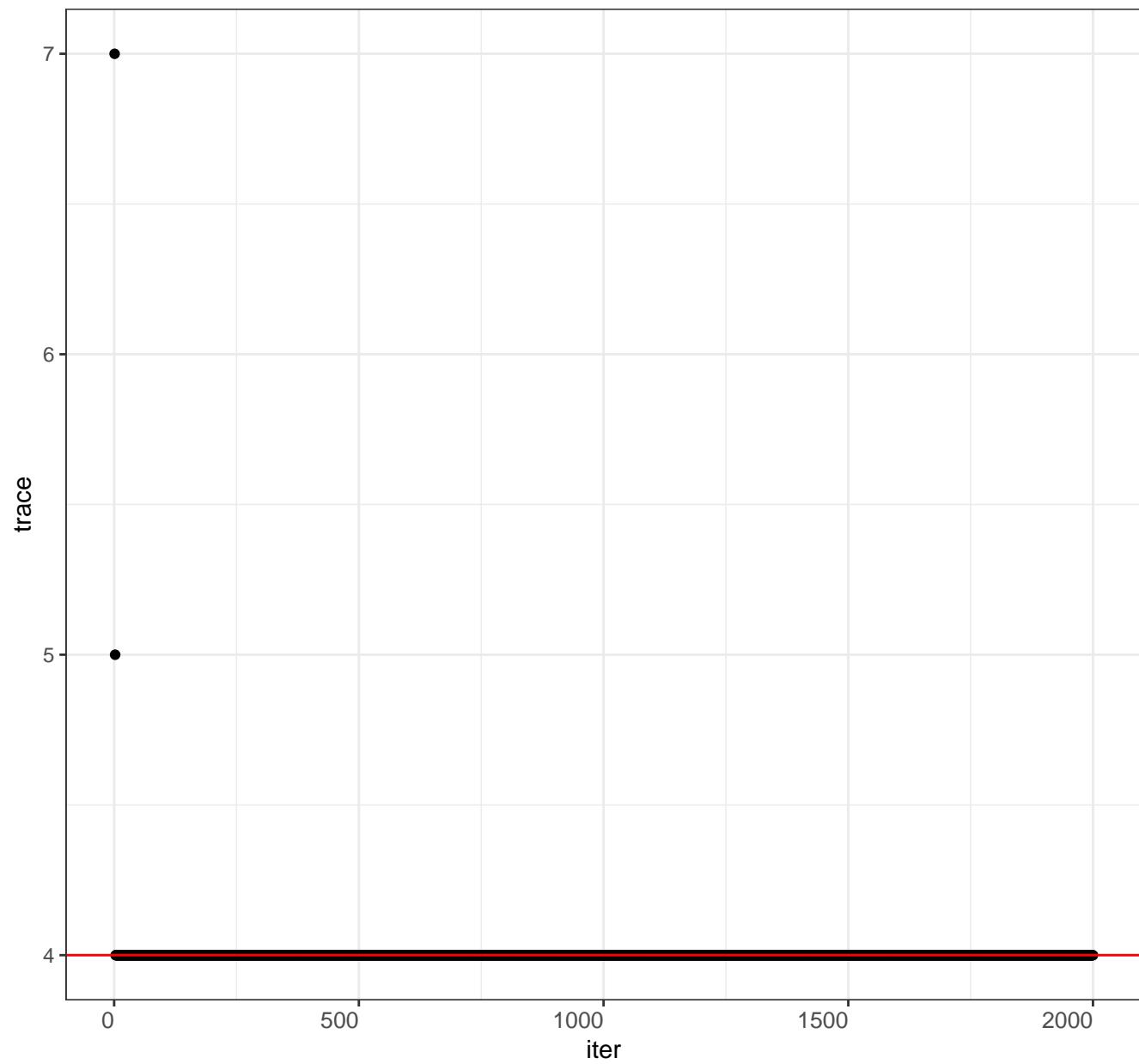
Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters



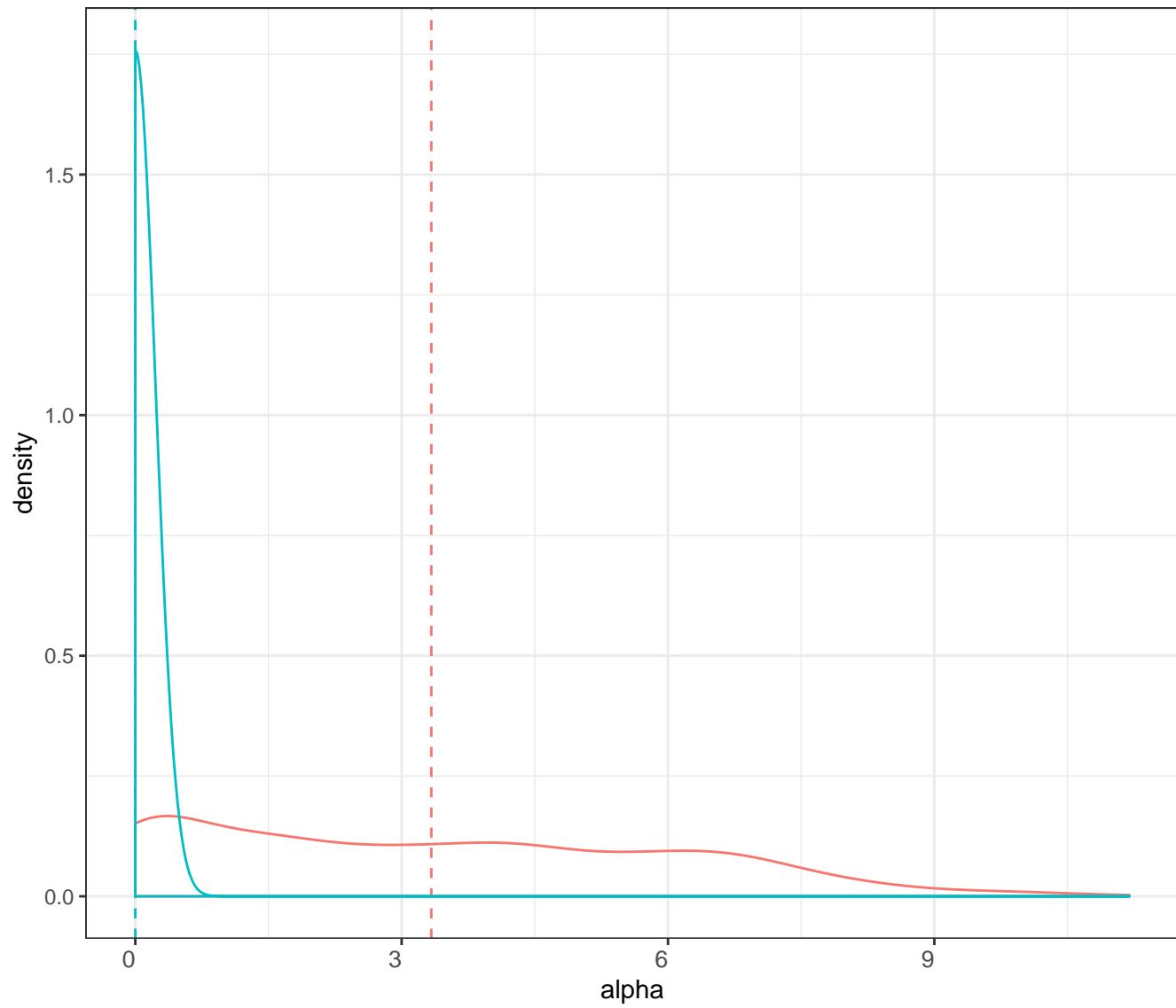
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 r=10 true K=4 type=4

Trace plot for the number of groups K for S=50 r=10 true K=4 type=4



Distribution alpha: S=50 ,r=10 true gr K=4 ,type=4 ,N=204

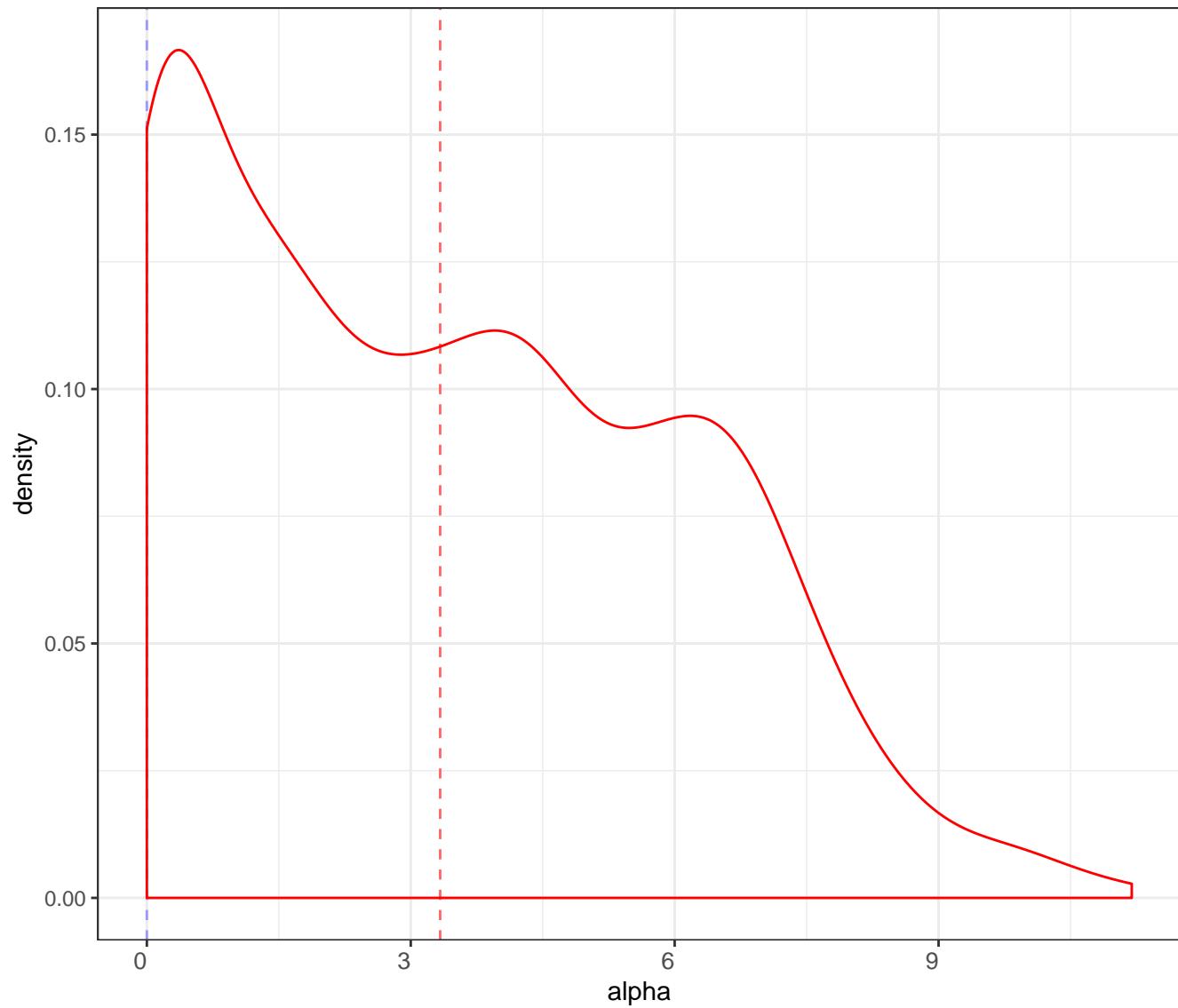
type [] posterior [] prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

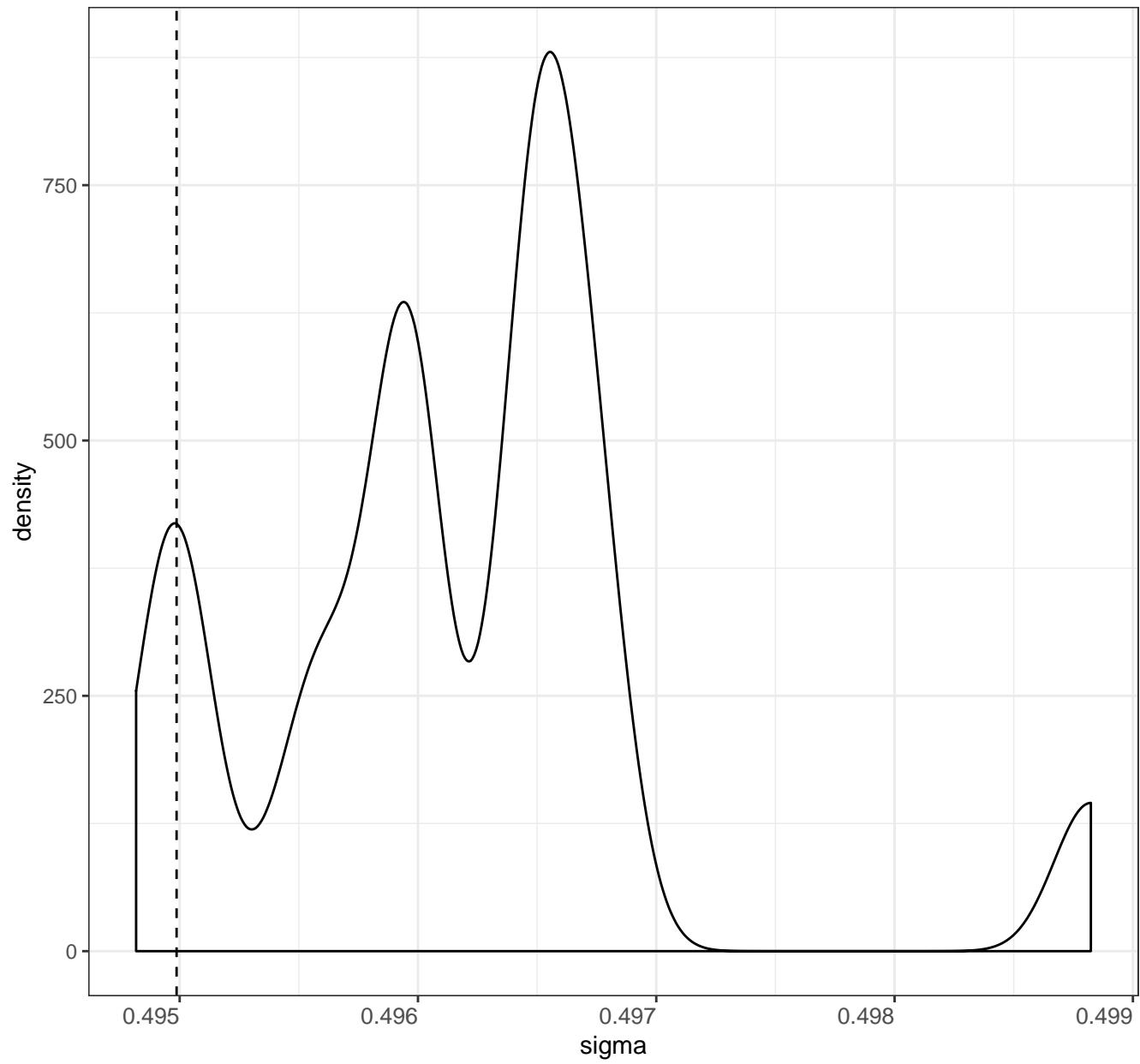
Posterior distribution for alpha

Legend | posterior mean | prior mean

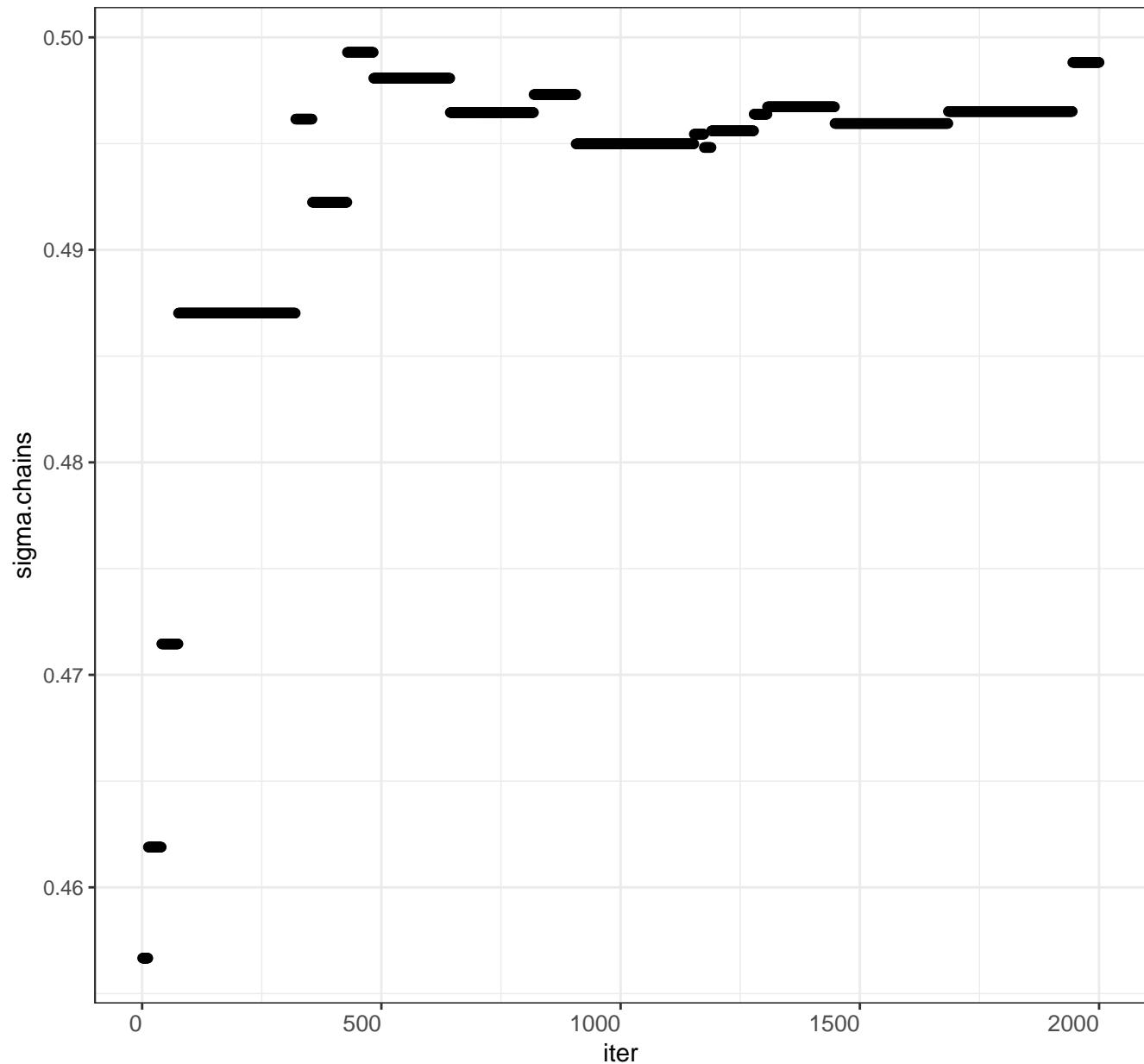


Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=10 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=50 ,r=10 true gr K=4 ,type=4 ,N=204

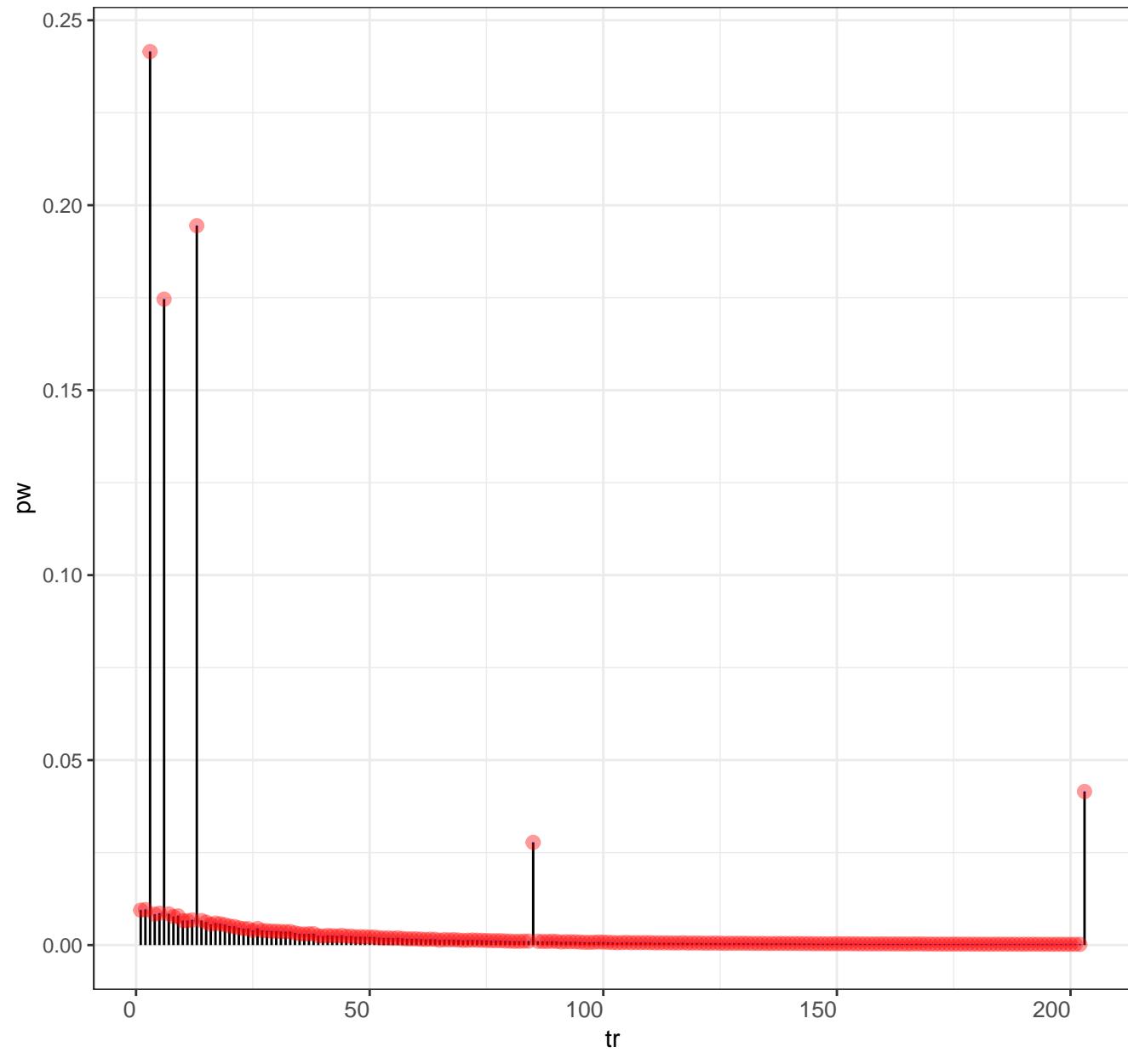


Trace plot for the sigma for S=50 r=10 true K=4 type=4

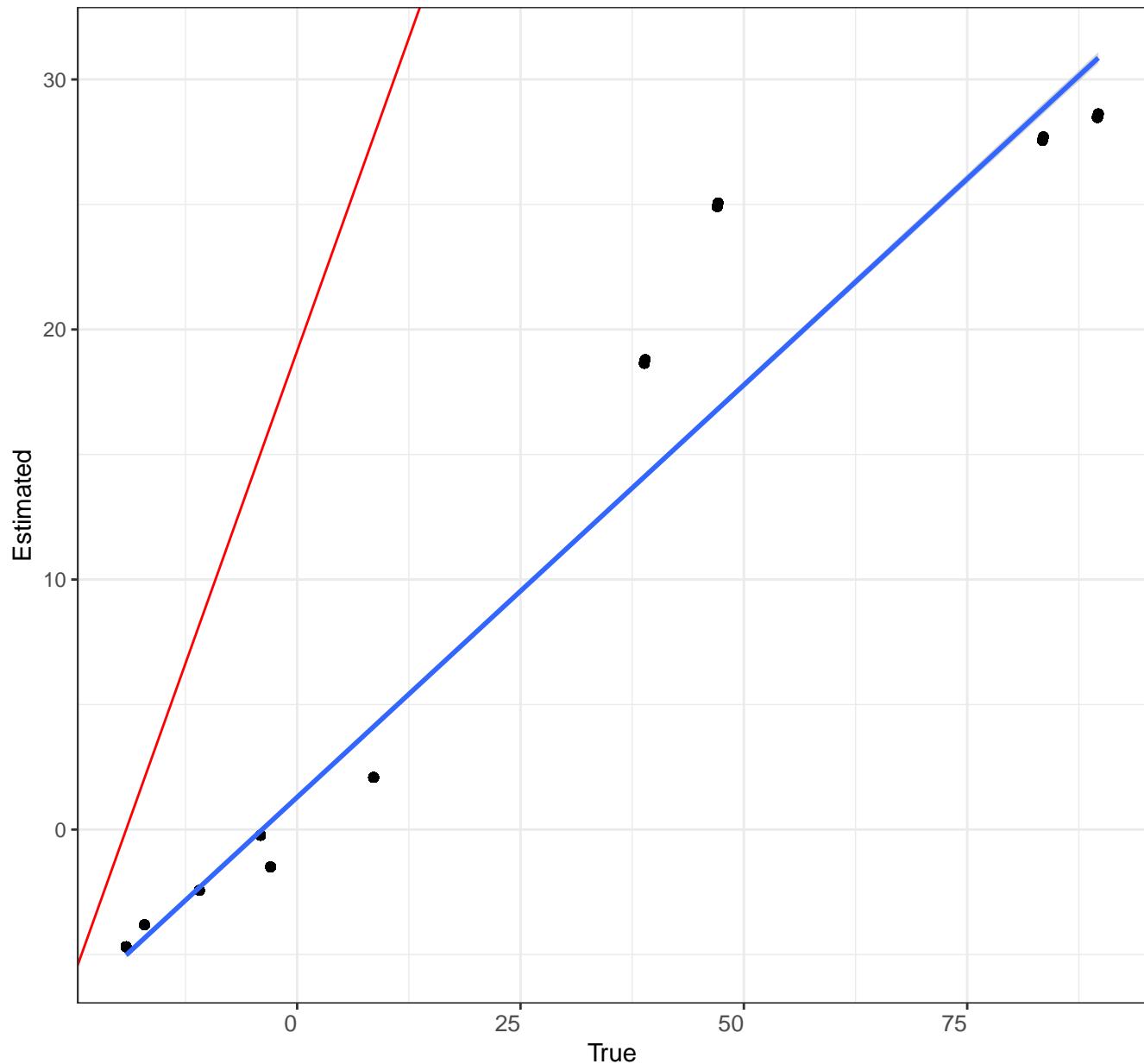


Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=50 ,r=10 true gr K=4 ,type=4 ,N=204 pN=0.042

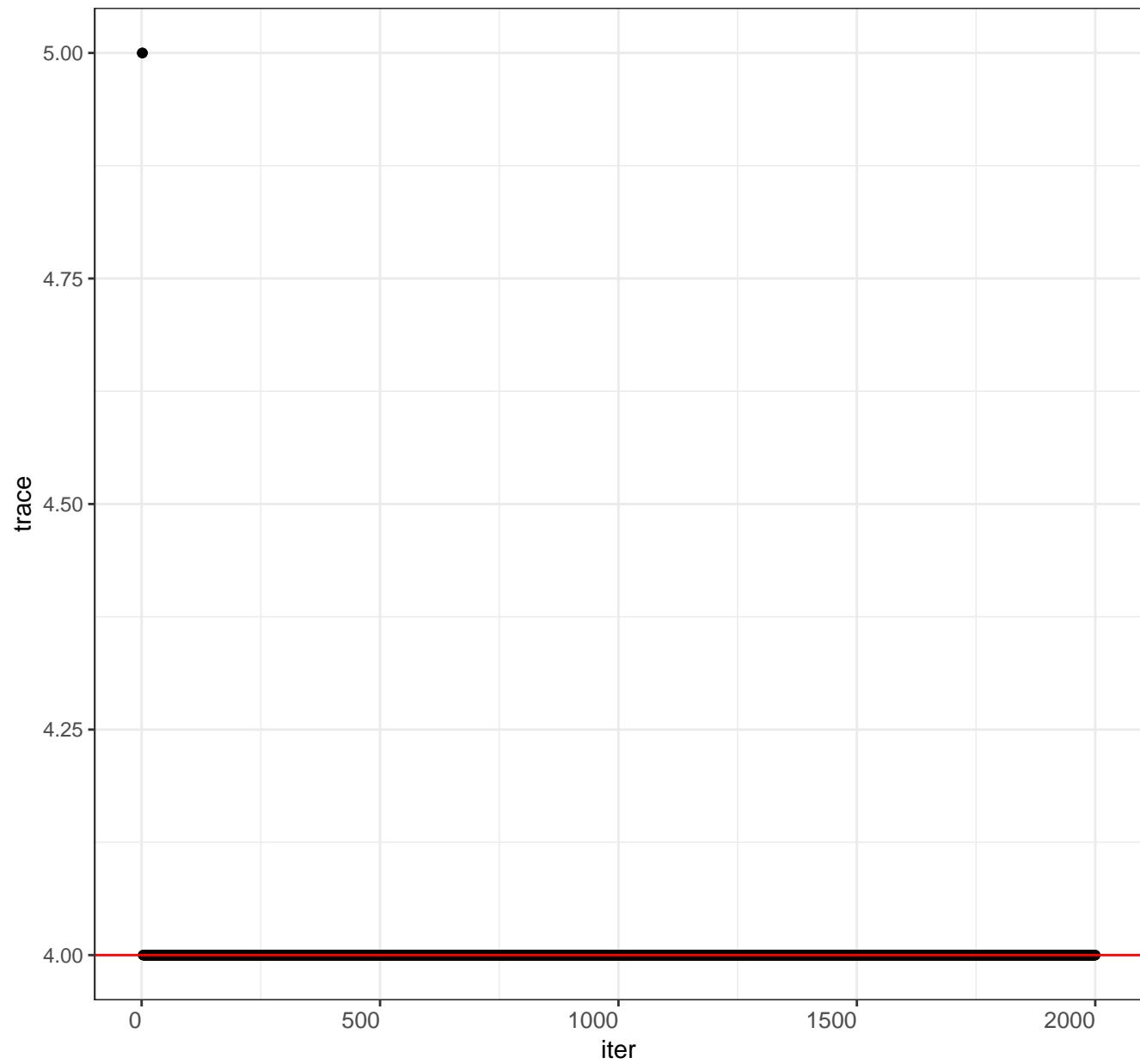


True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 r=10 true K=4 type=4

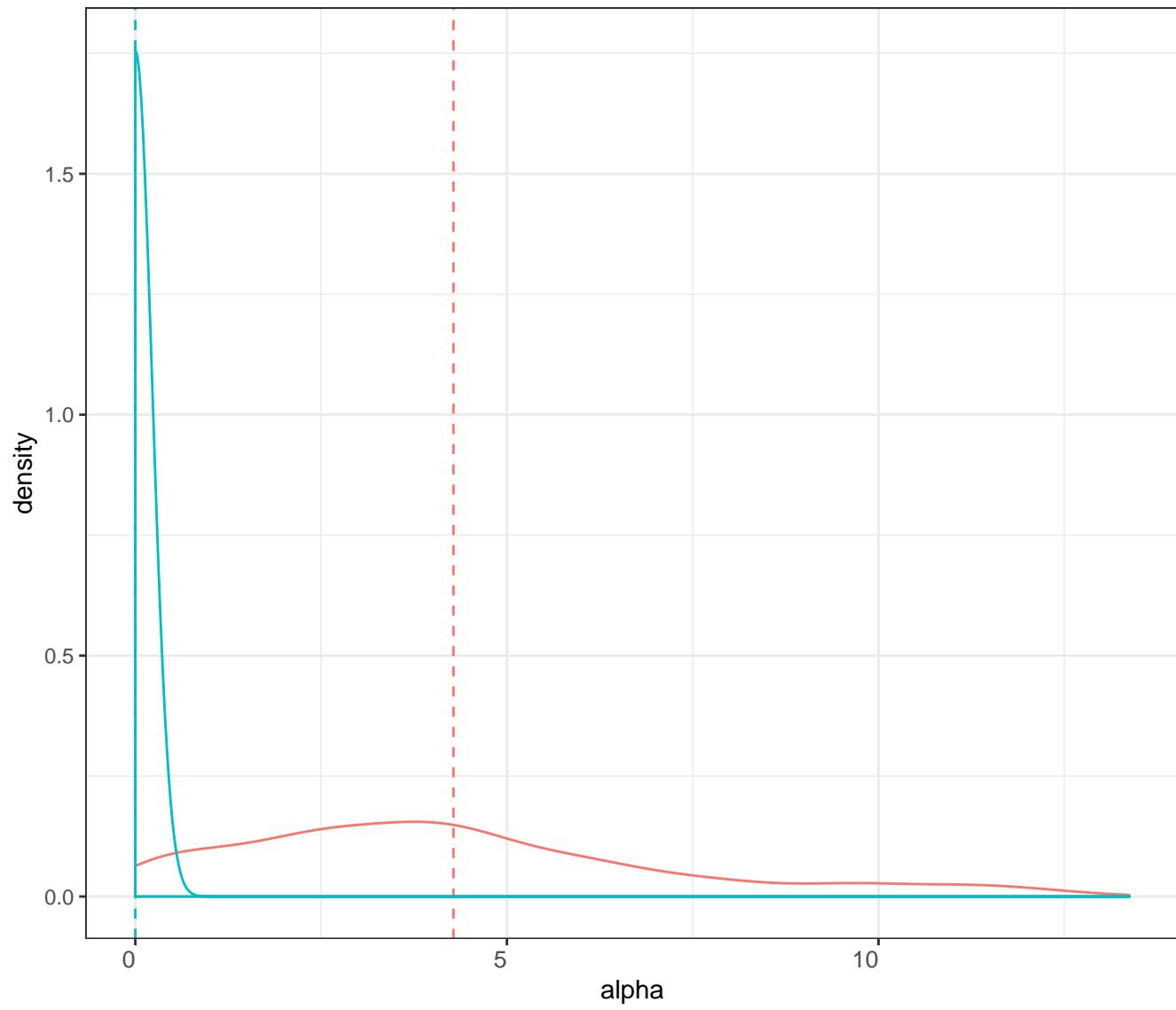
Trace plot for the number of groups K for S=50 r=10 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=50 ,r=10 true gr K=4 ,type=4 ,N=204

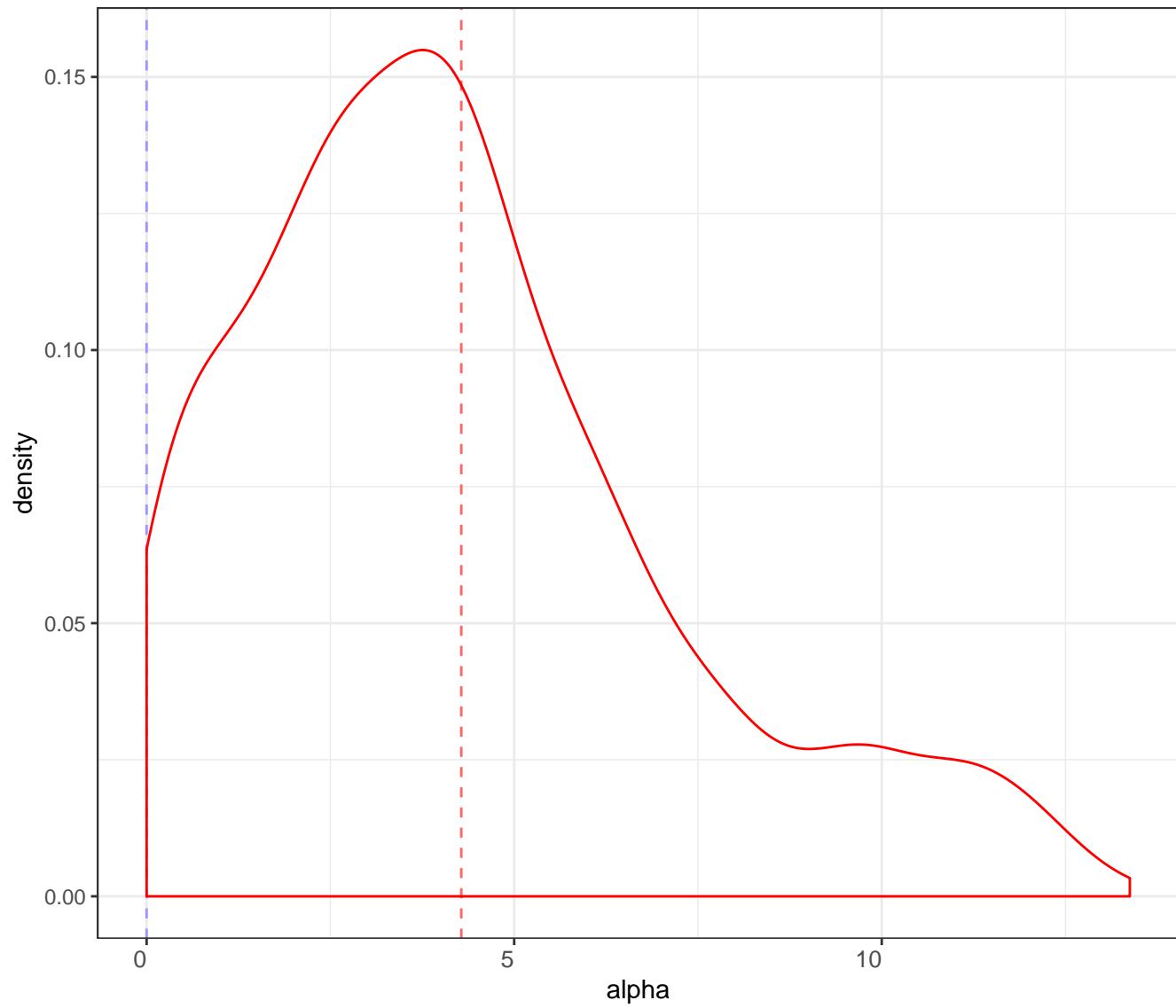
type [] posterior [] prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

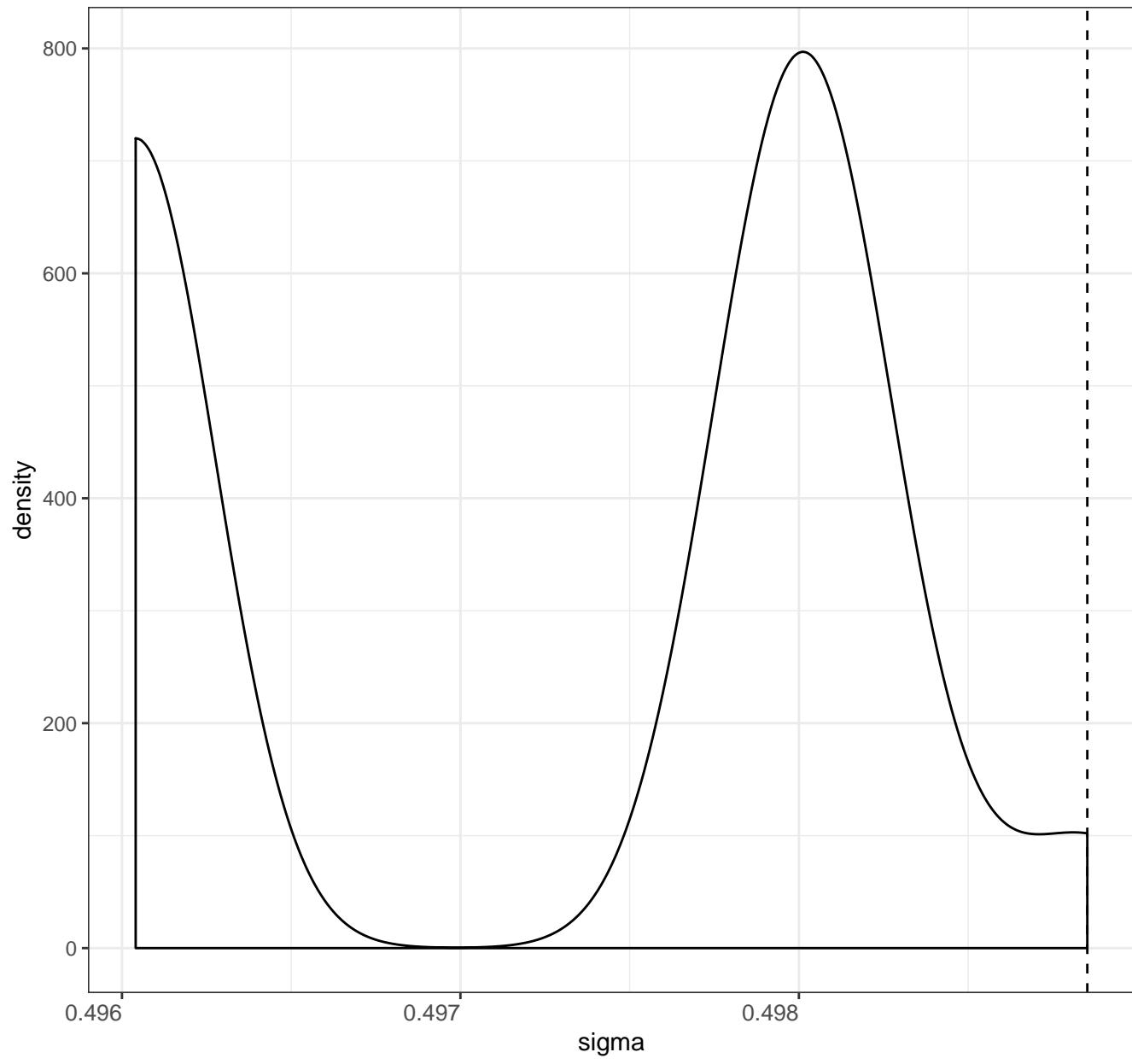
Posterior distribution for alpha

Legend | posterior mean | prior mean

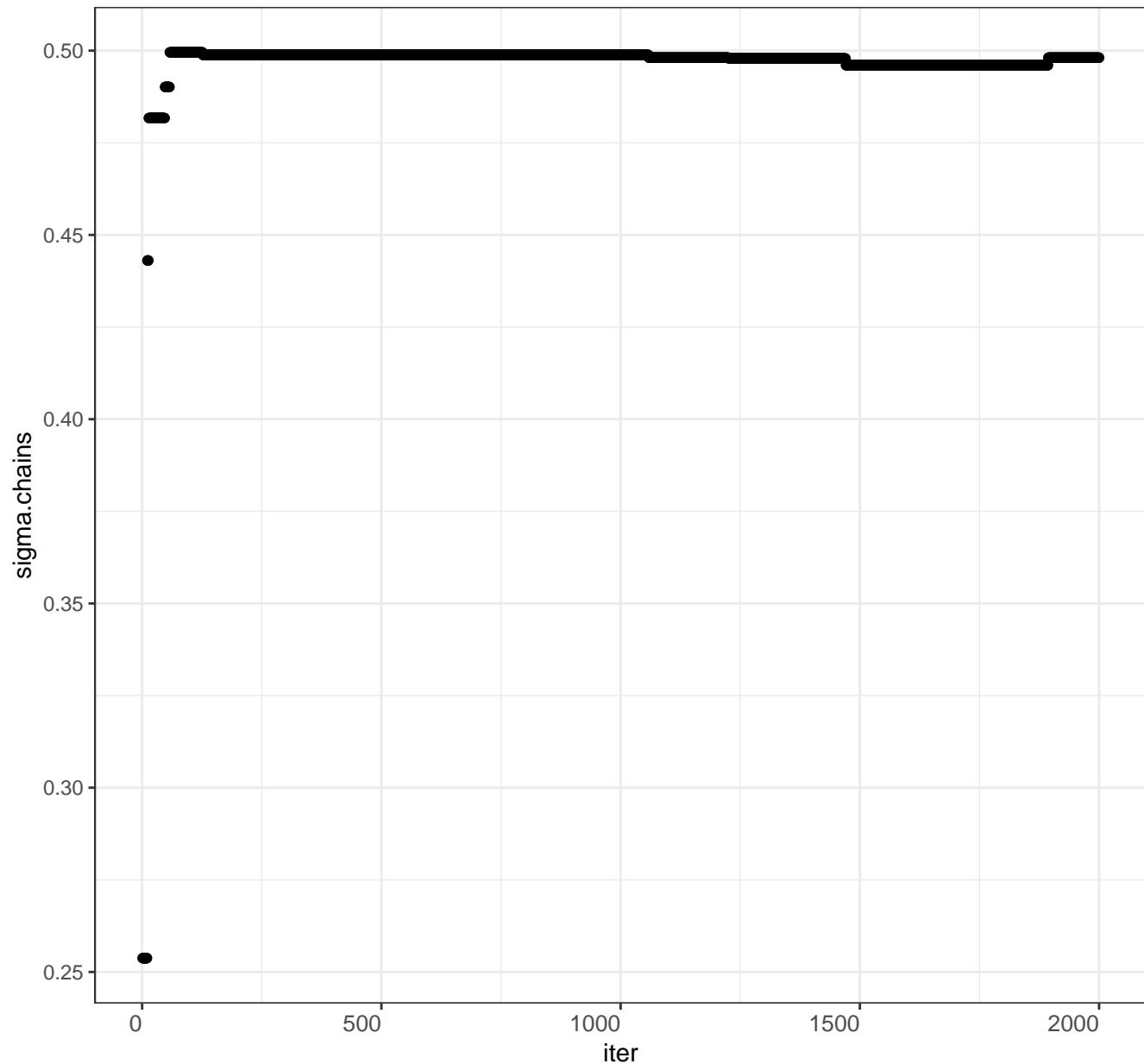


Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=10 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=50 ,r=10 true gr K=4 ,type=4 ,N=204

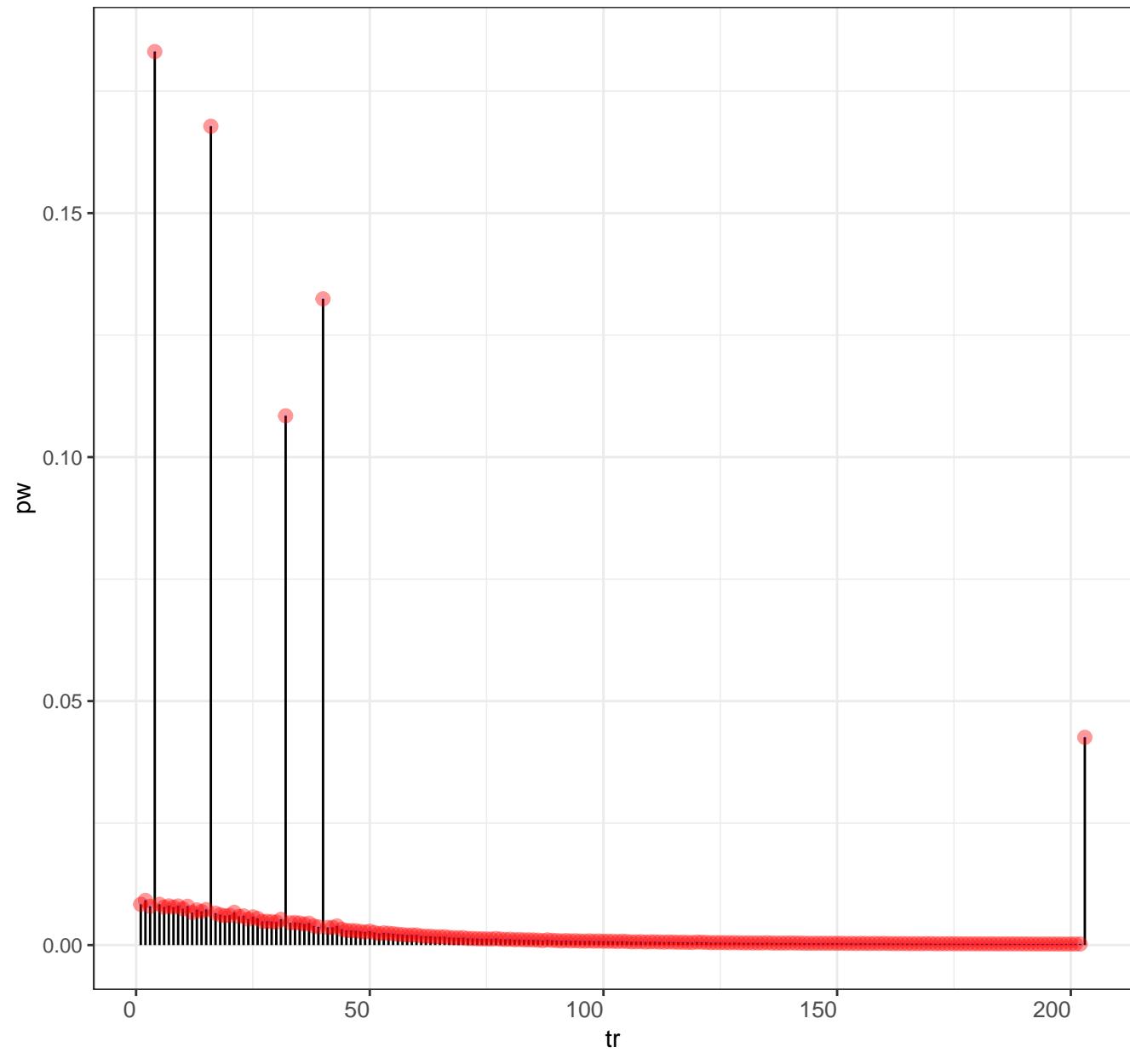


Trace plot for the sigma for S=50 r=10 true K=4 type=4



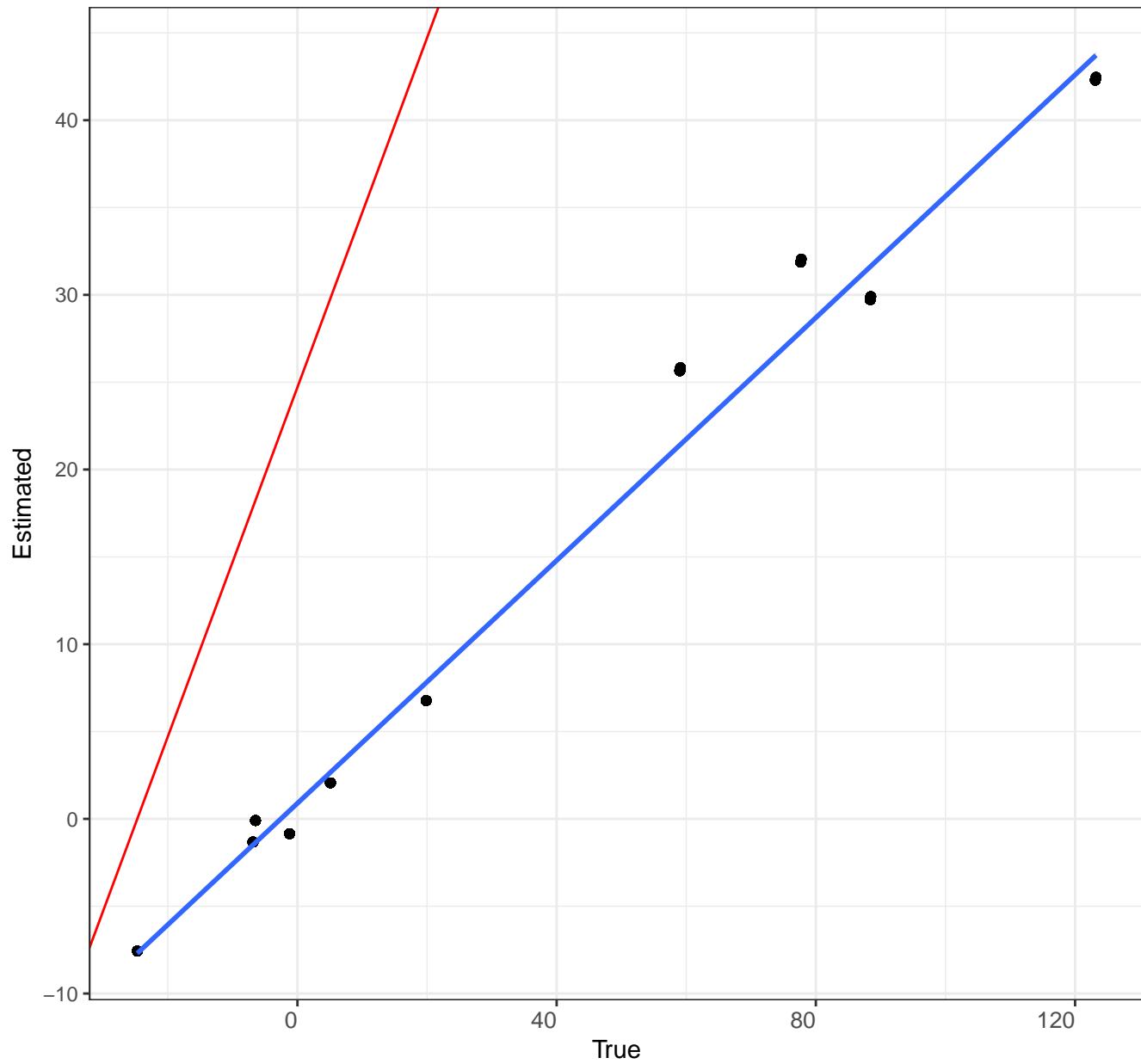
Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=50 ,r=10 true gr K=4 ,type=4 ,N=204 pN=0.043



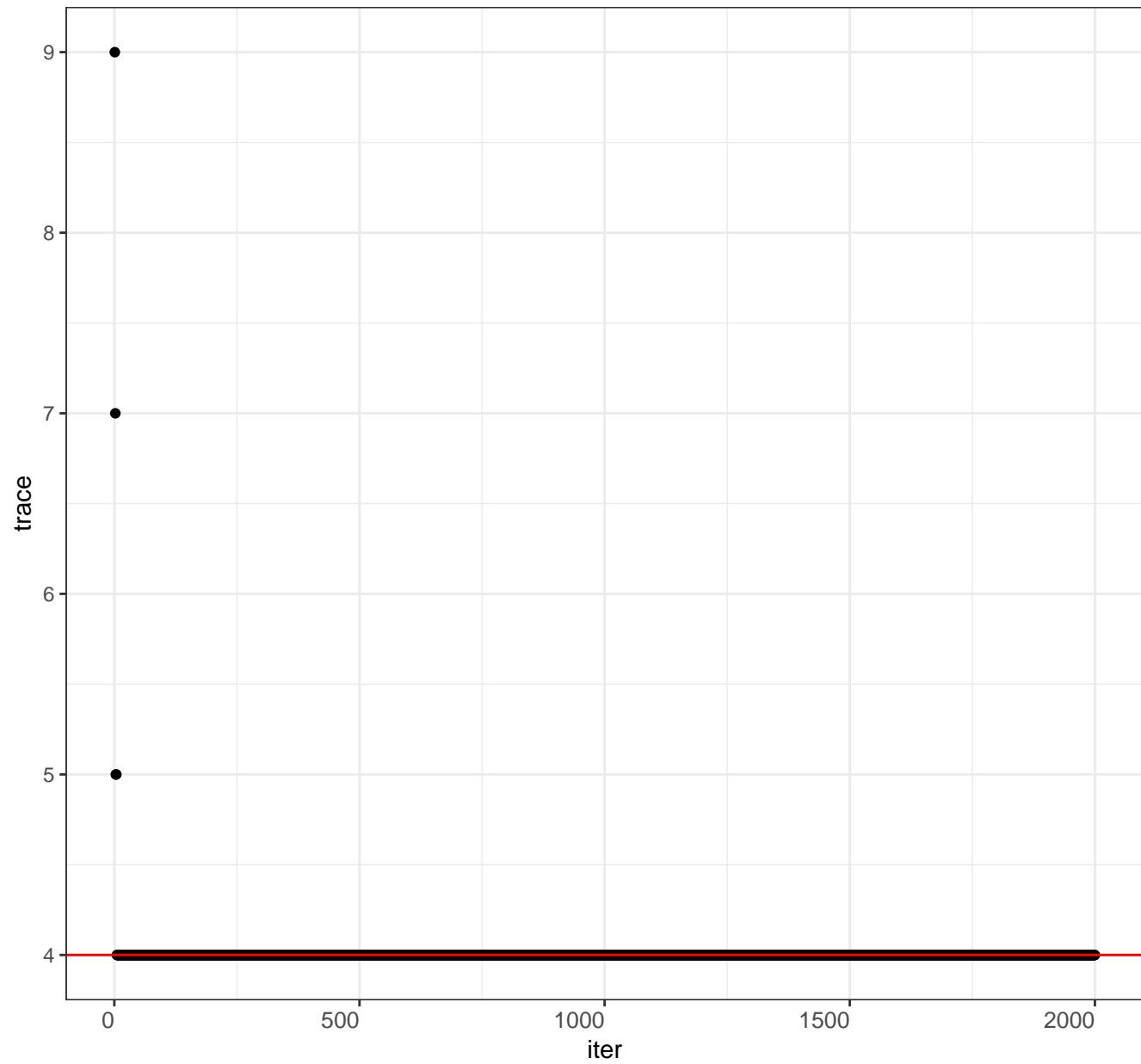
Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 r=10 true K=4 type=4

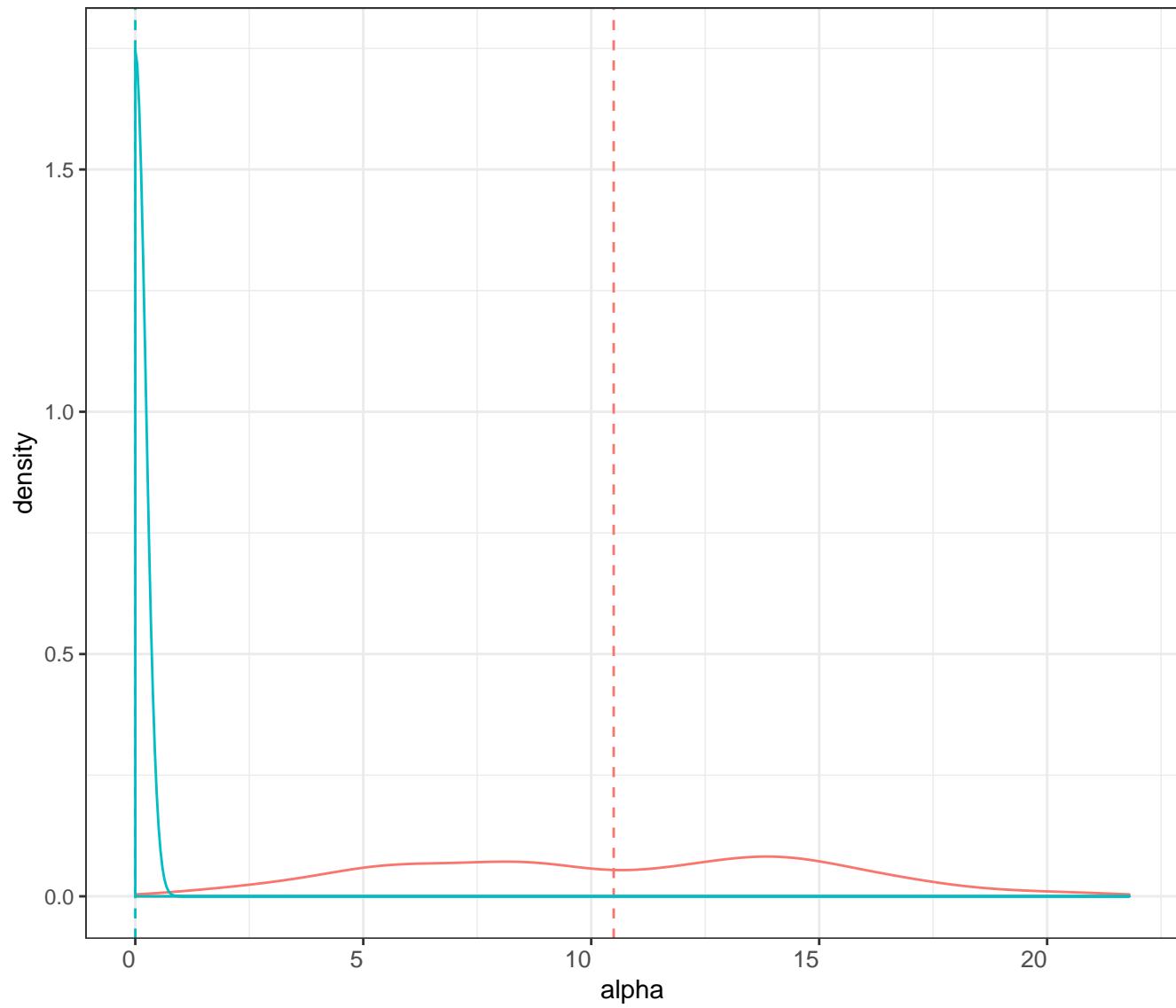
Trace plot for the number of groups K for S=50 r=10 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=50 ,r=10 true gr K=4 ,type=4 ,N=204

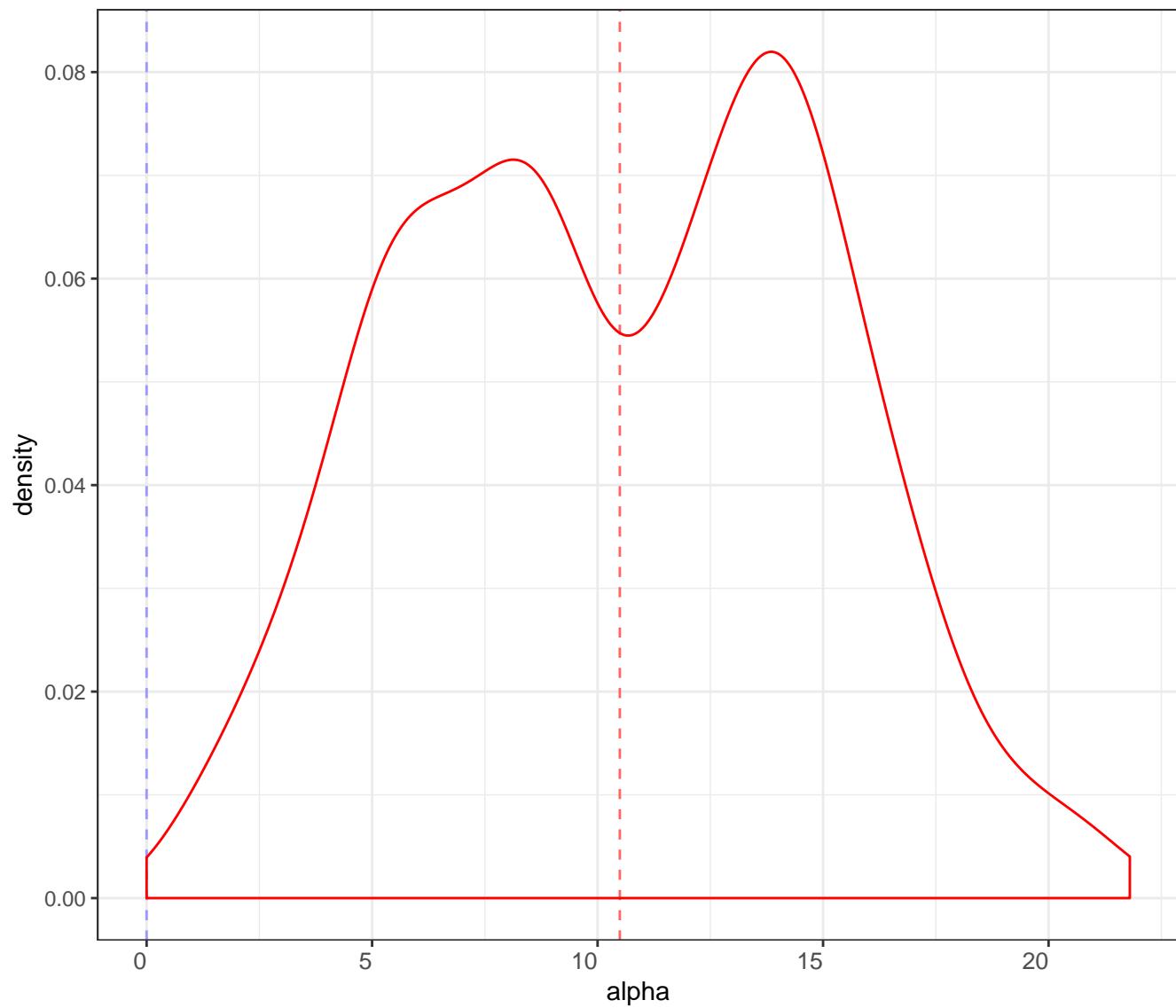
type [] posterior [] prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

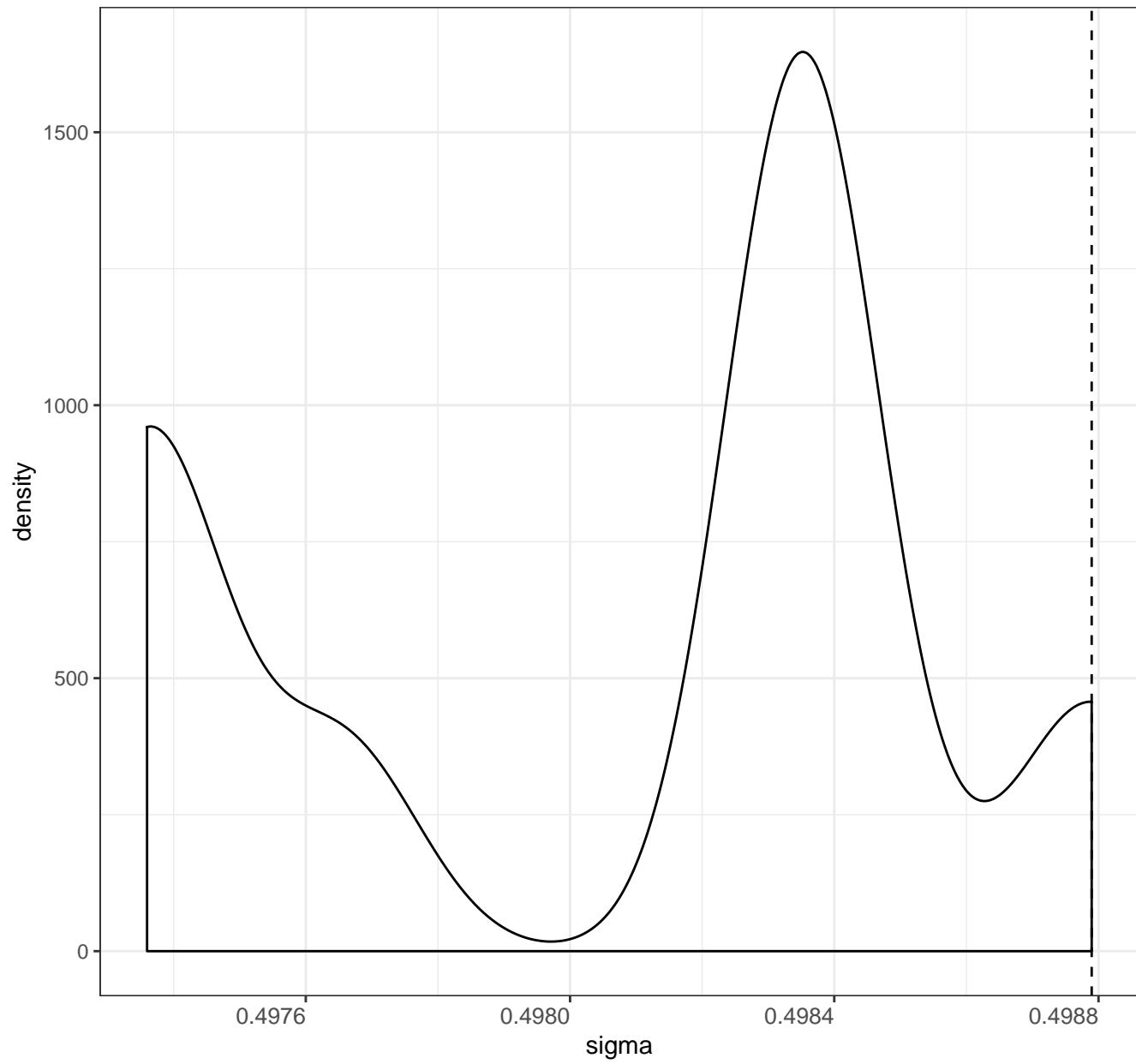
Posterior distribution for alpha

Legend | posterior mean | prior mean



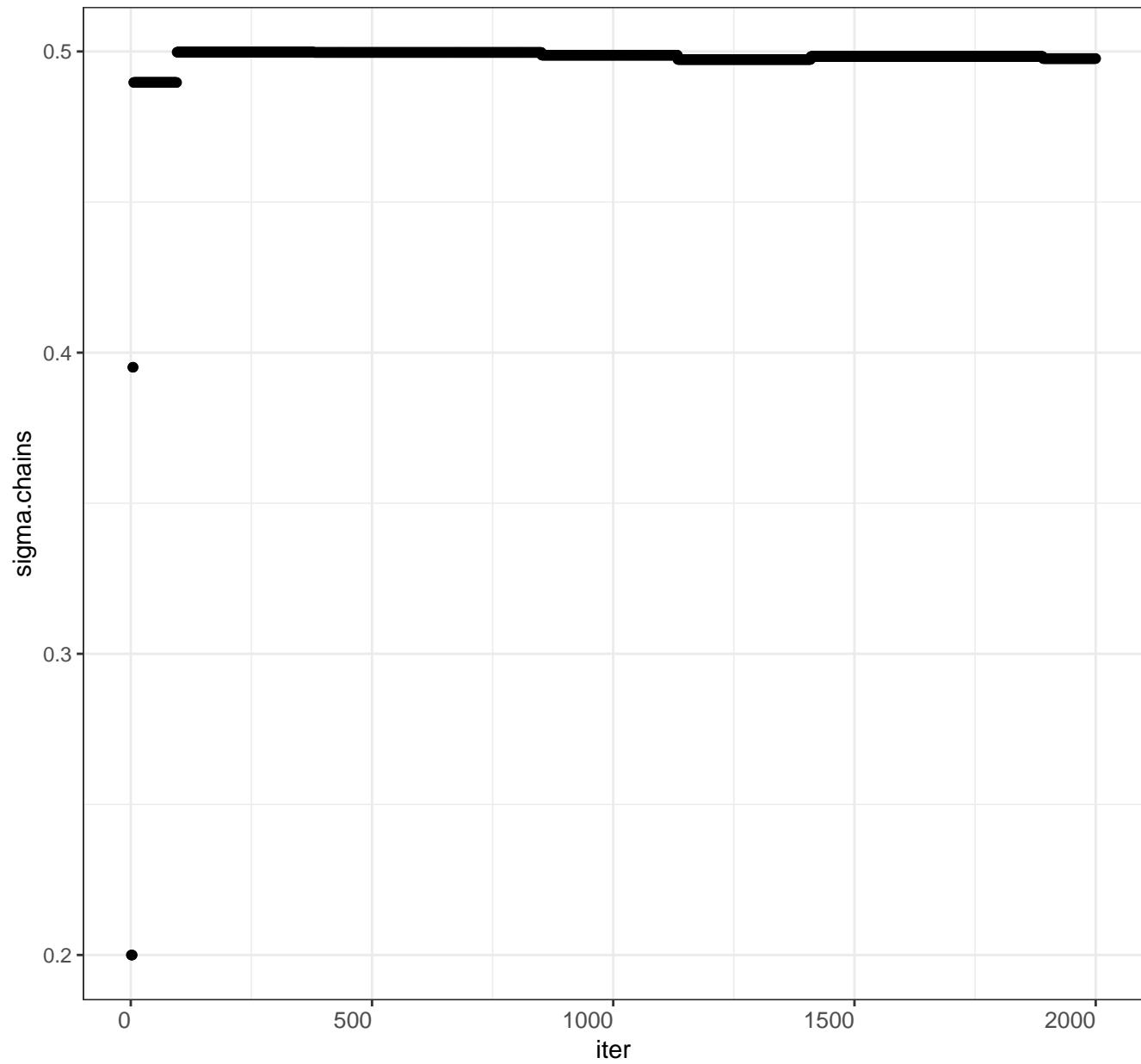
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=10 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=50 ,r=10 true gr K=4 ,type=4 ,N=204



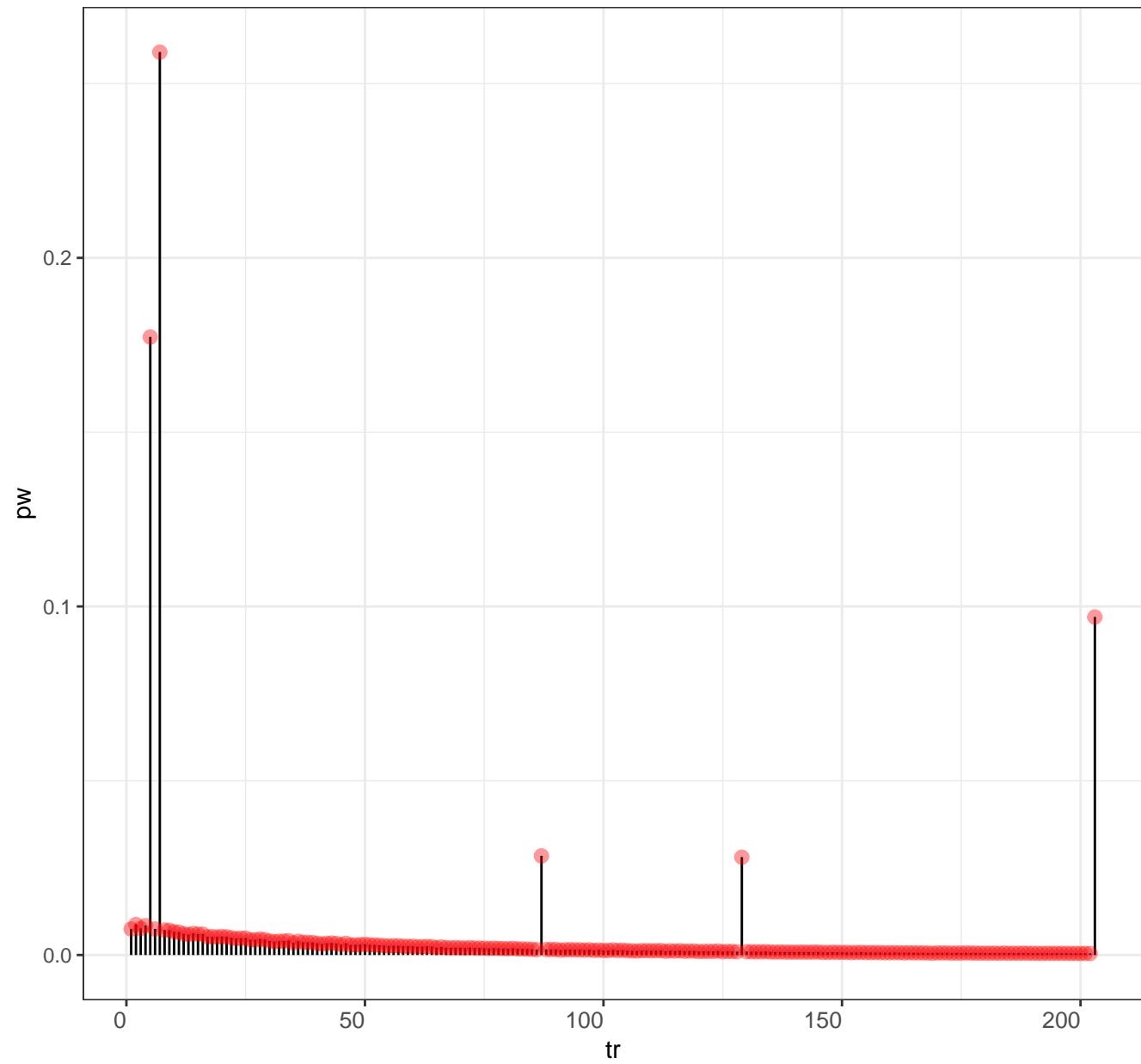
Number of iterations: 2000 burnin: 1000 number of samples: 500

Trace plot for the sigma for S=50 r=10 true K=4 type=4

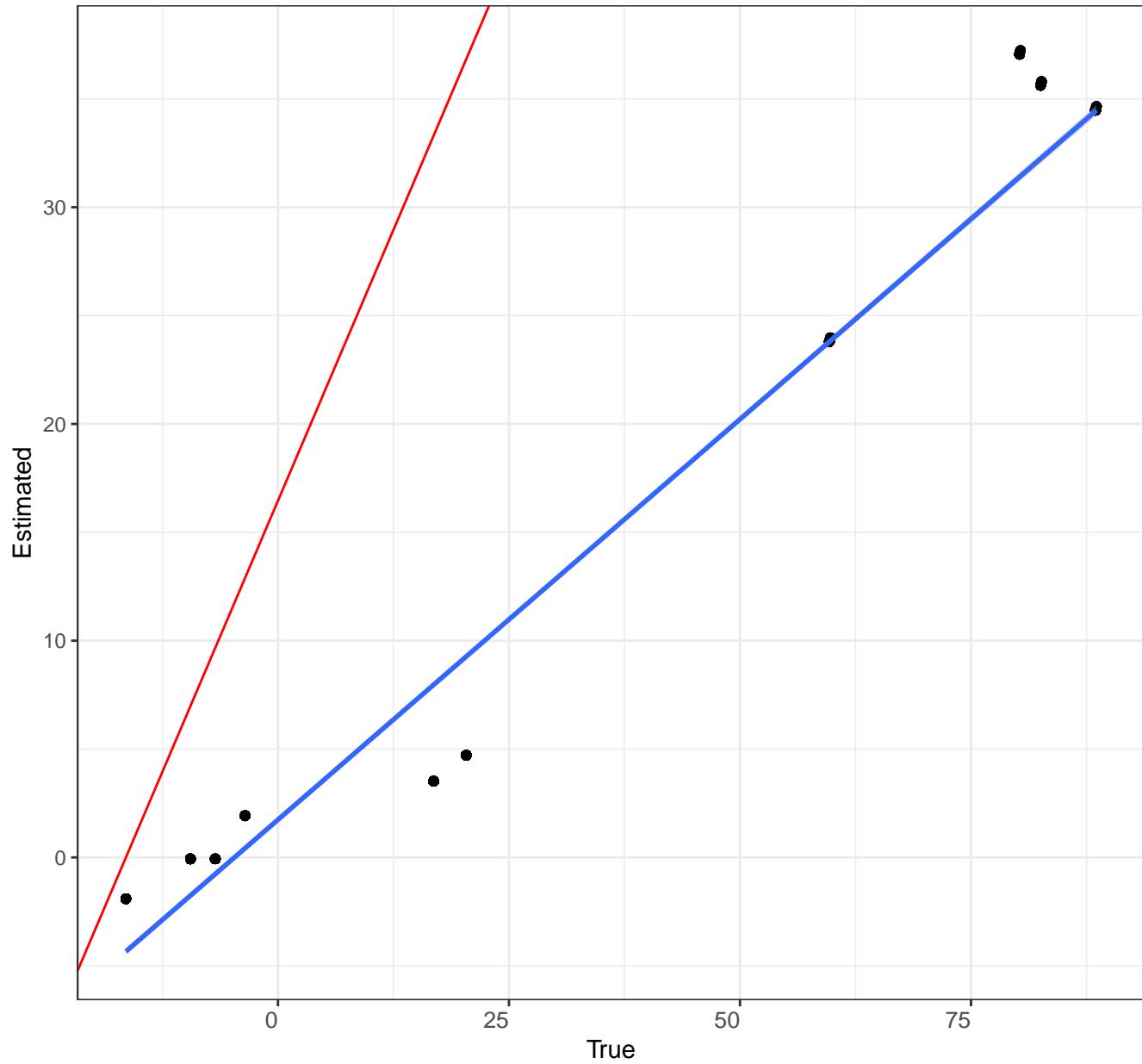


Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=50 ,r=10 true gr K=4 ,type=4 ,N=204 pN=0.097

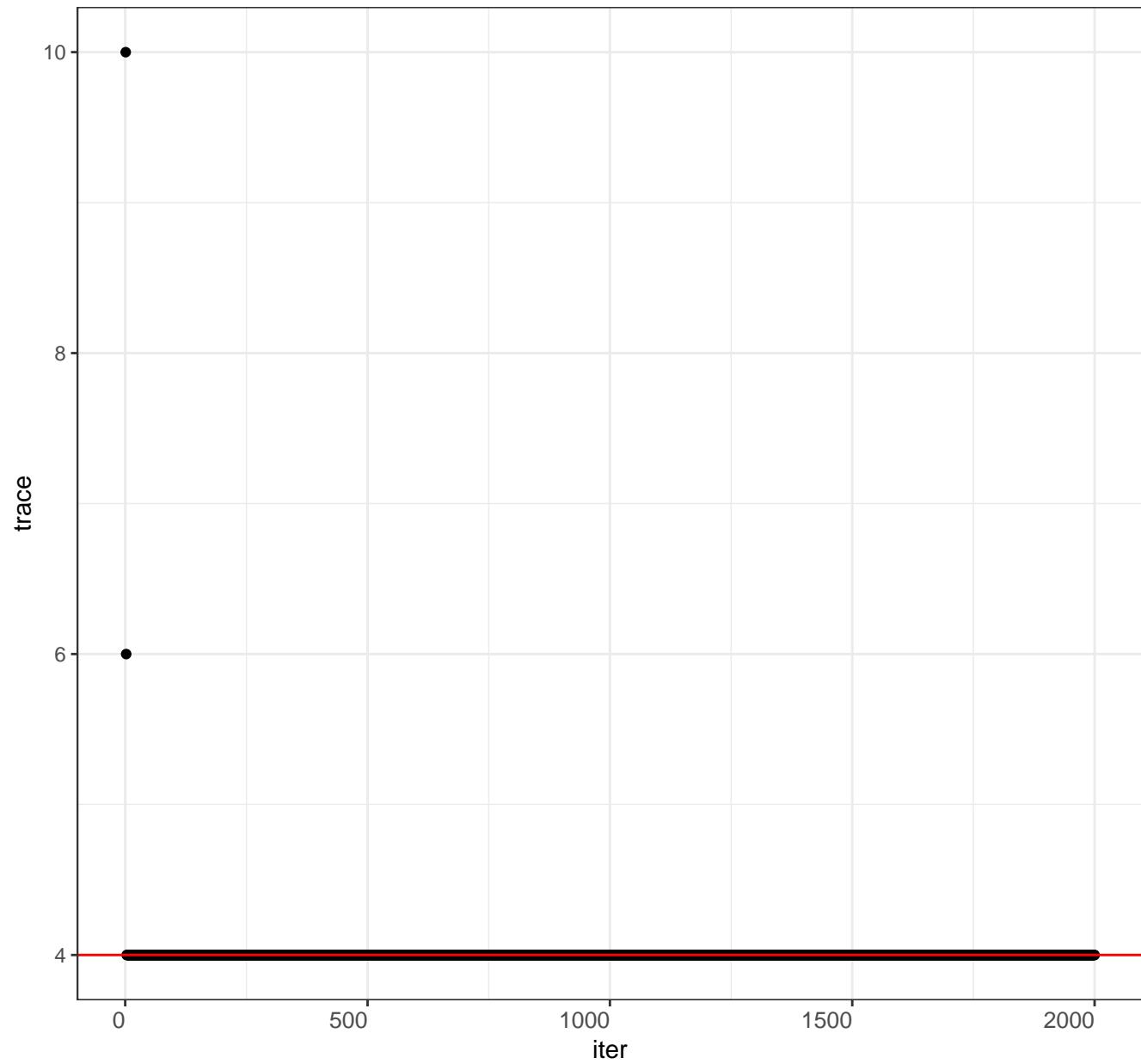


True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 r=10 true K=4 type=4

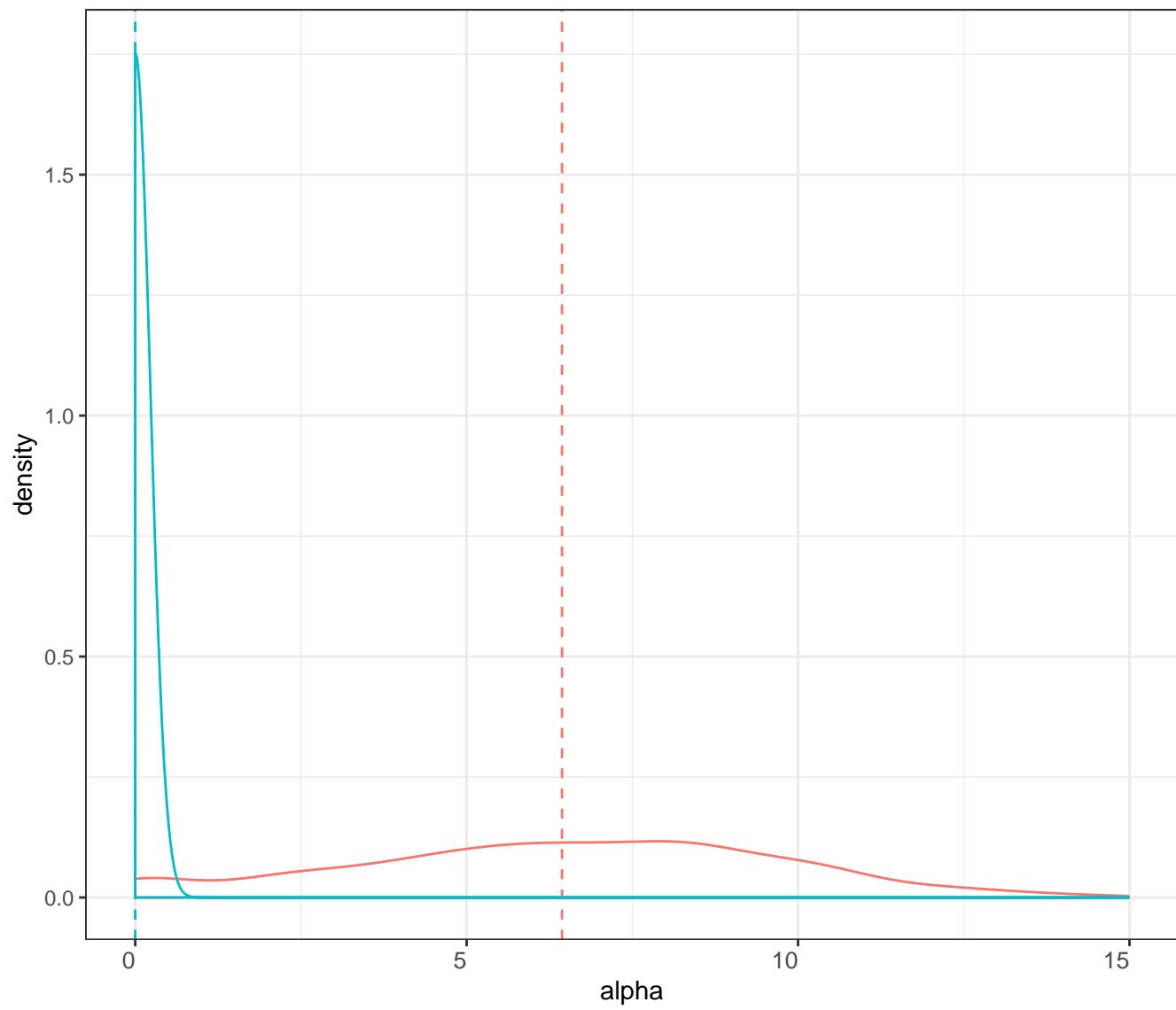
Trace plot for the number of groups K for S=50 r=10 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=50 ,r=10 true gr K=4 ,type=4 ,N=204

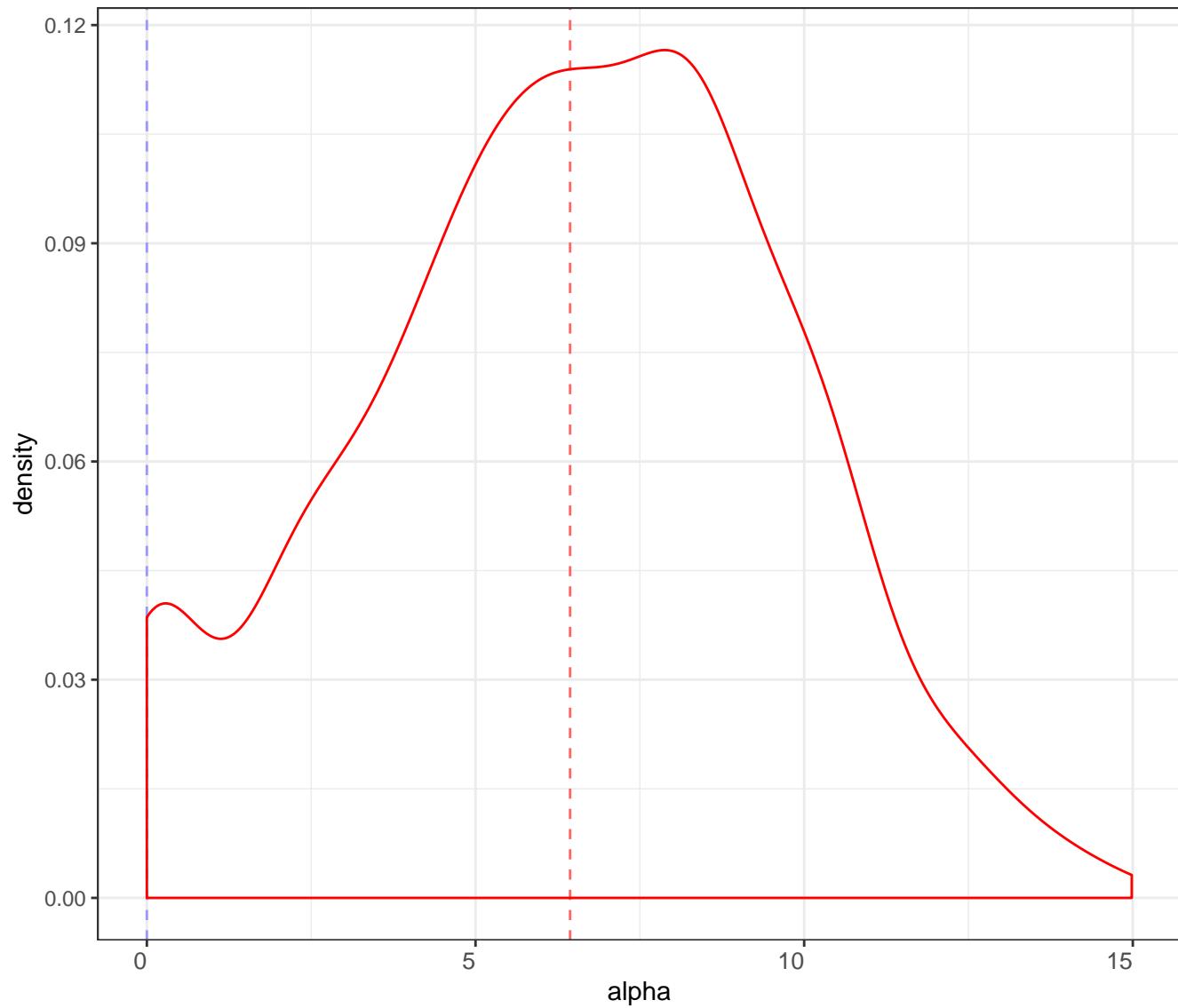
type [] posterior [] prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

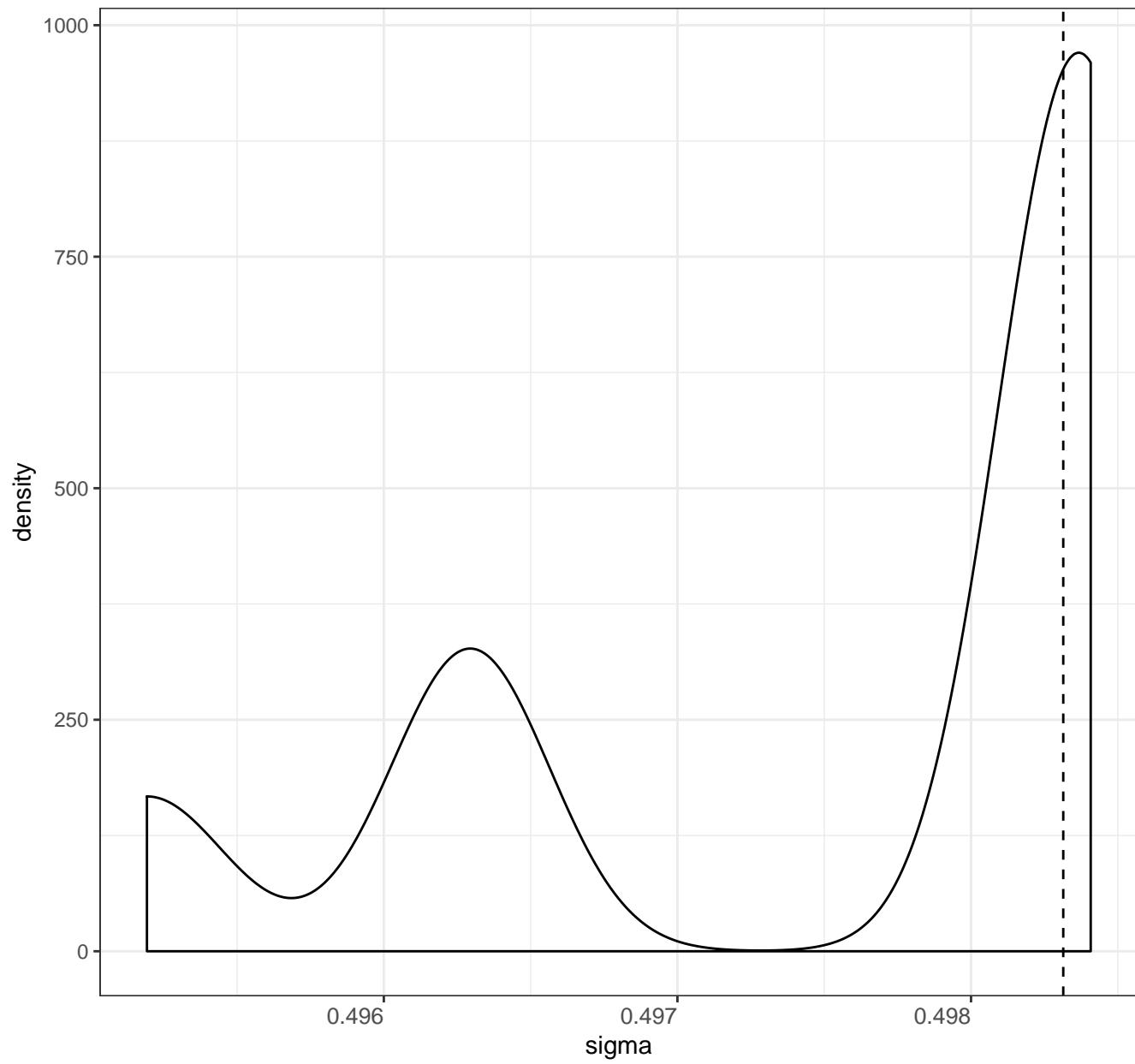
Posterior distribution for alpha

Legend | posterior mean | prior mean



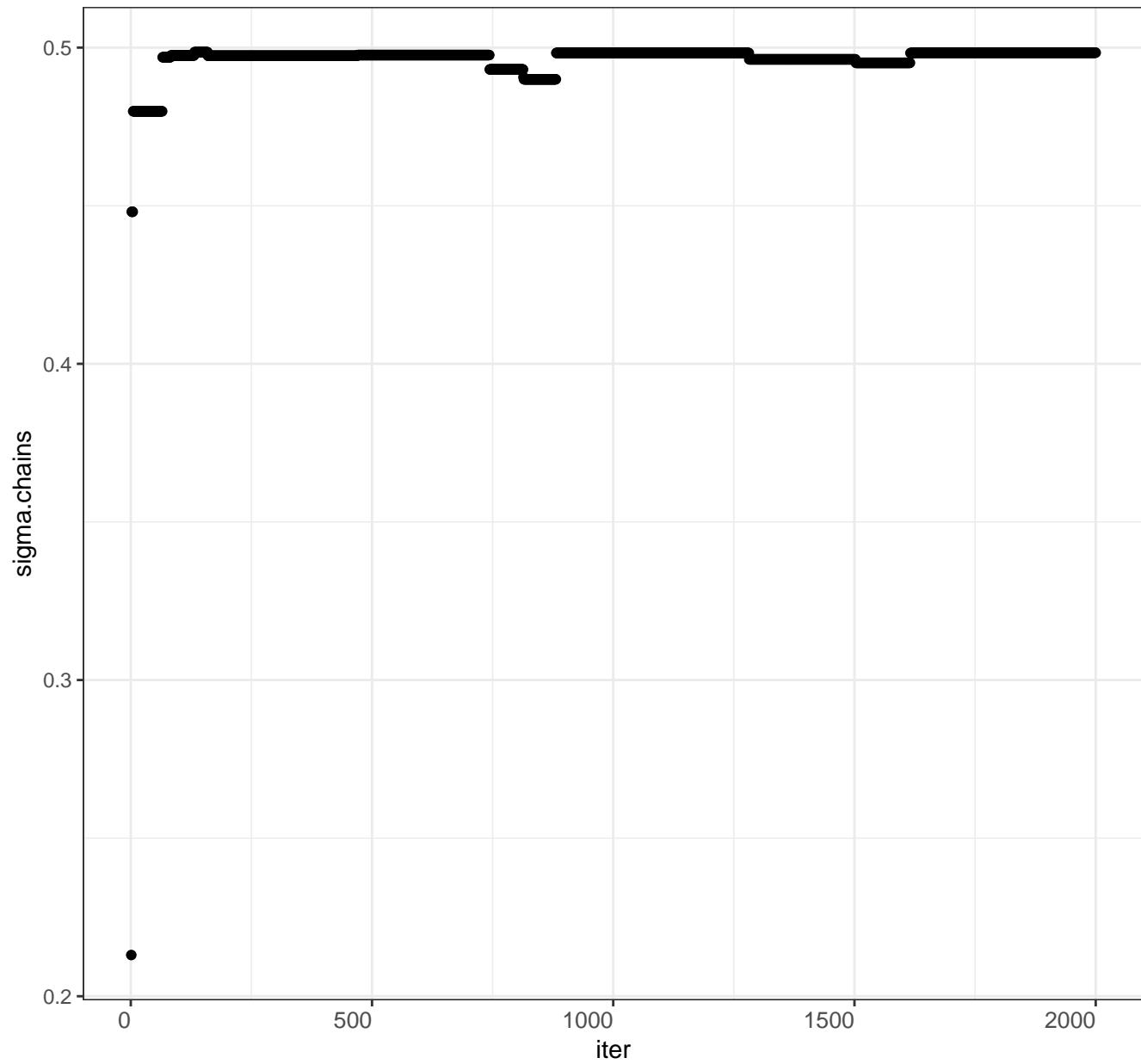
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=10 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=50 ,r=10 true gr K=4 ,type=4 ,N=204



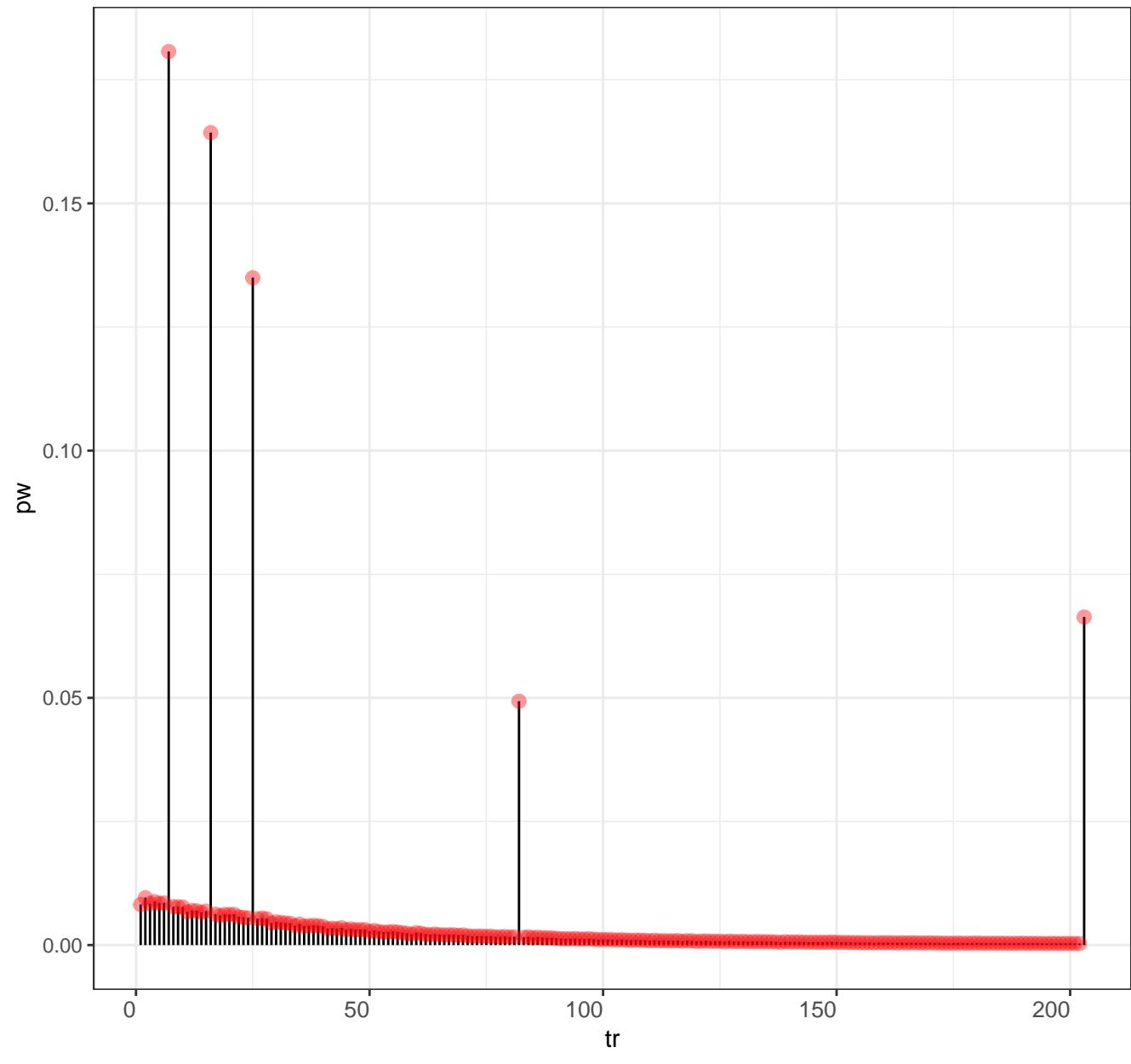
Number of iterations: 2000 burnin: 1000 number of samples: 500

Trace plot for the sigma for S=50 r=10 true K=4 type=4

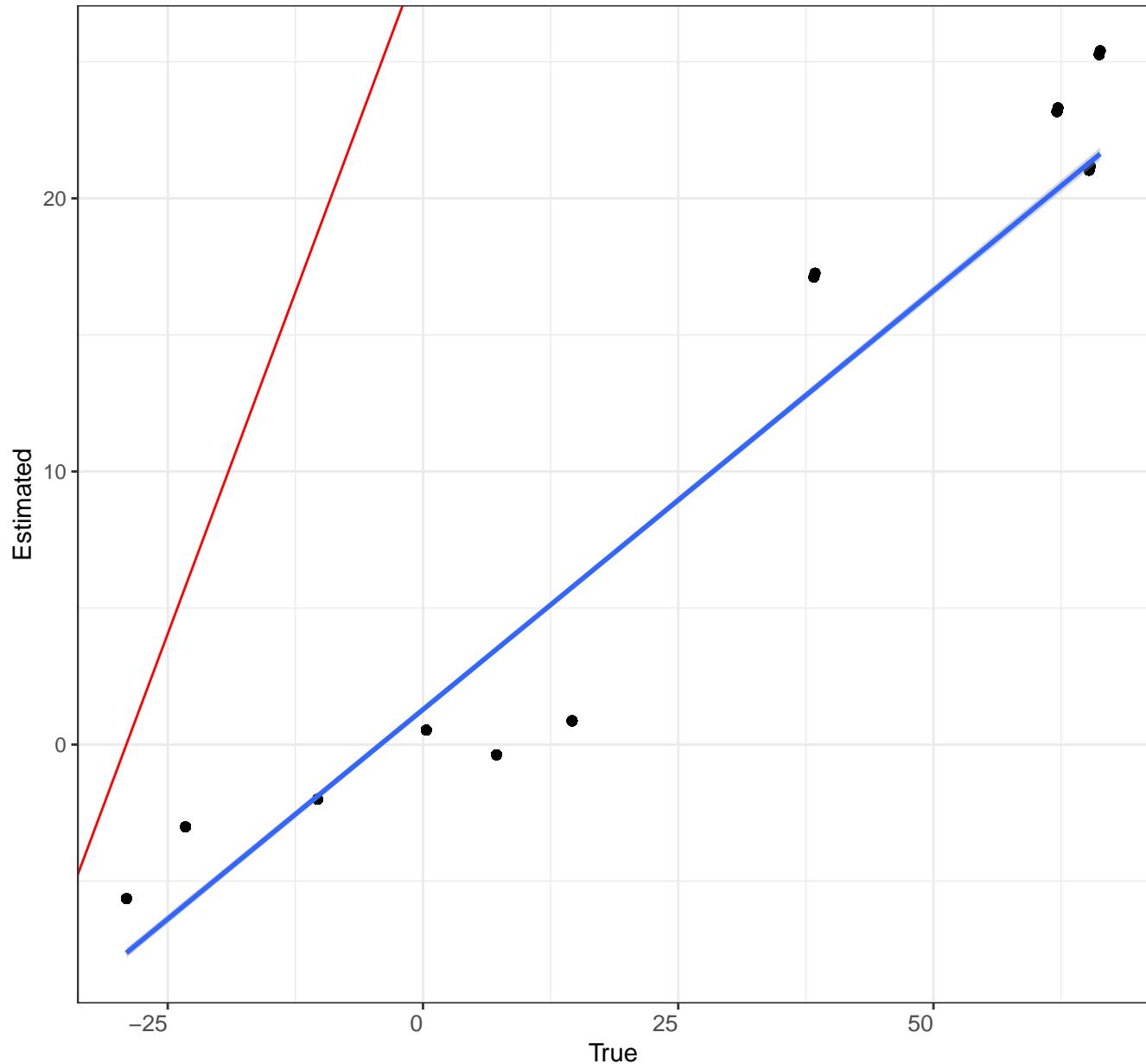


Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=50 ,r=10 true gr K=4 ,type=4 ,N=204 pN=0.066

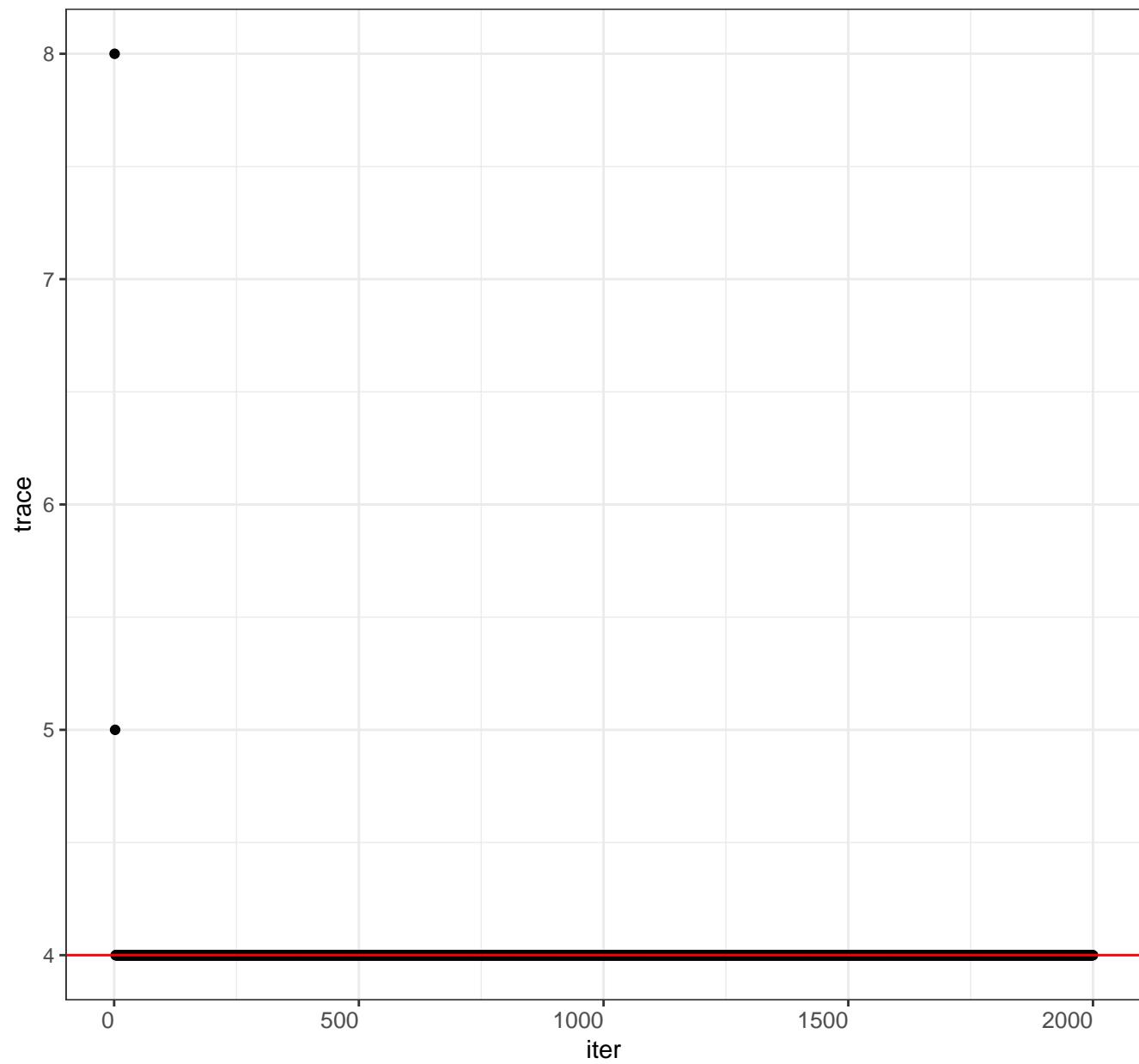


True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 r=10 true K=4 type=4

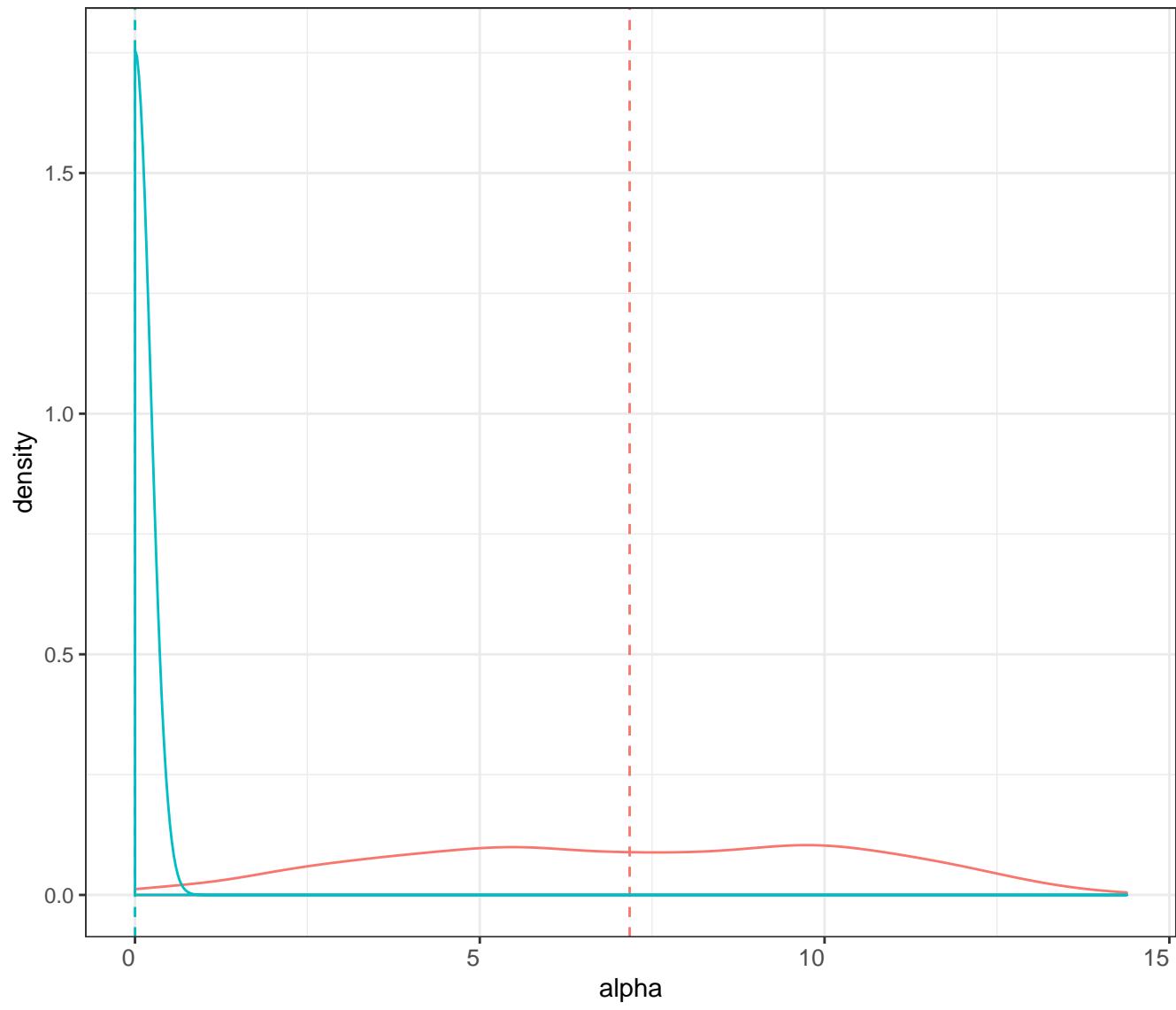
Trace plot for the number of groups K for S=50 r=10 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

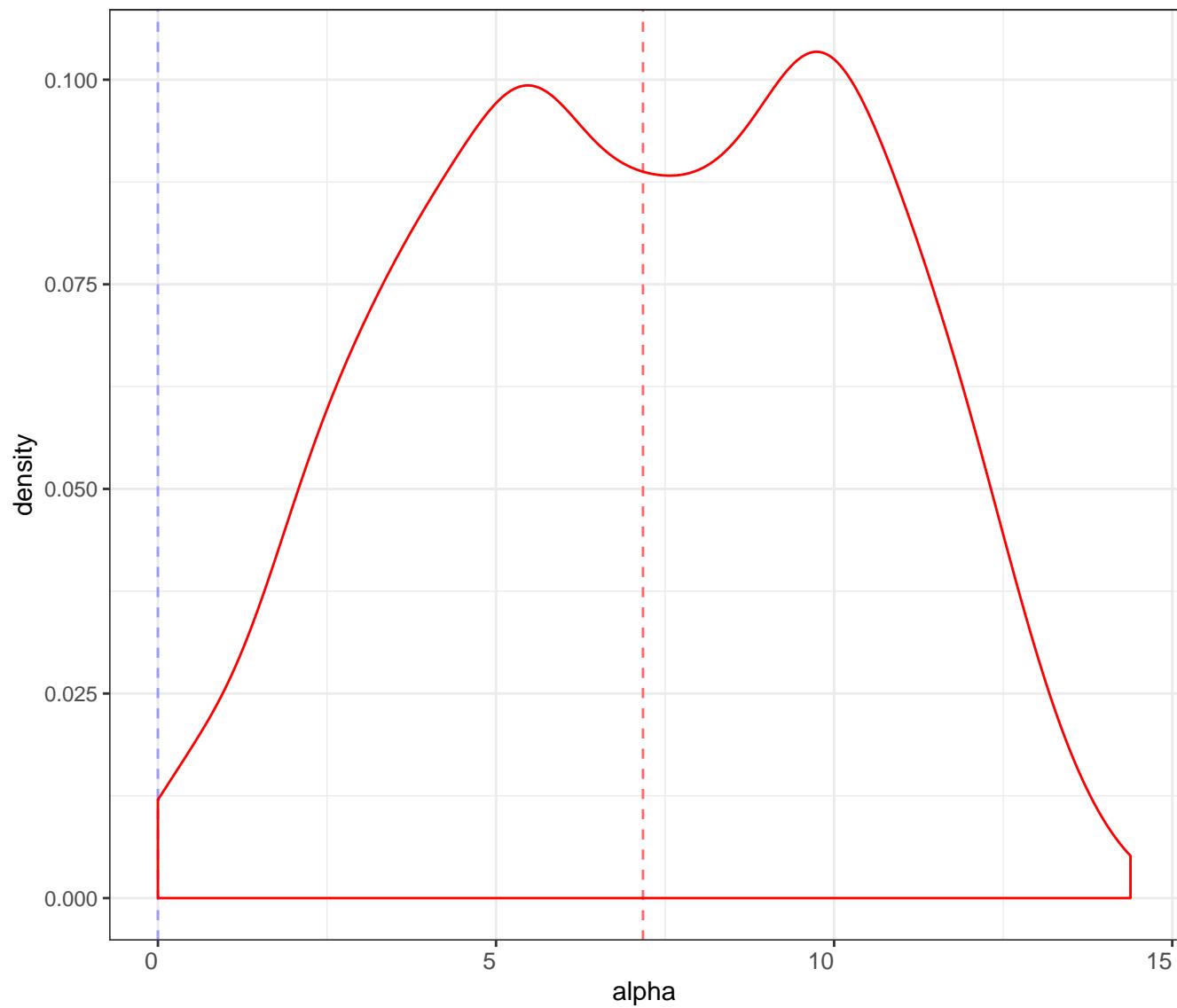
Distribution alpha: S=50 ,r=10 true gr K=4 ,type=4 ,N=204

type | posterior | prior



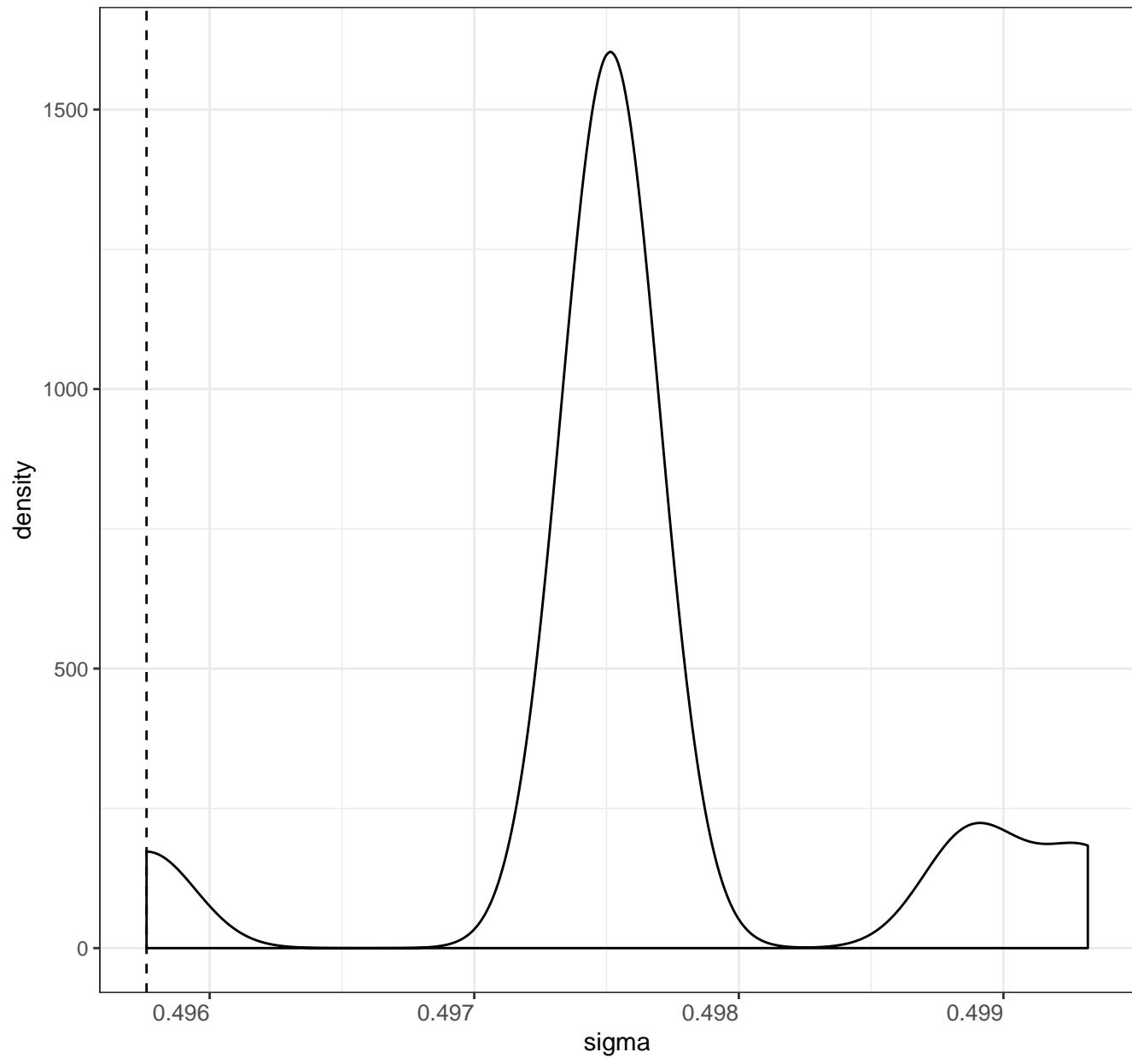
Posterior distribution for alpha

Legend | posterior mean | prior mean

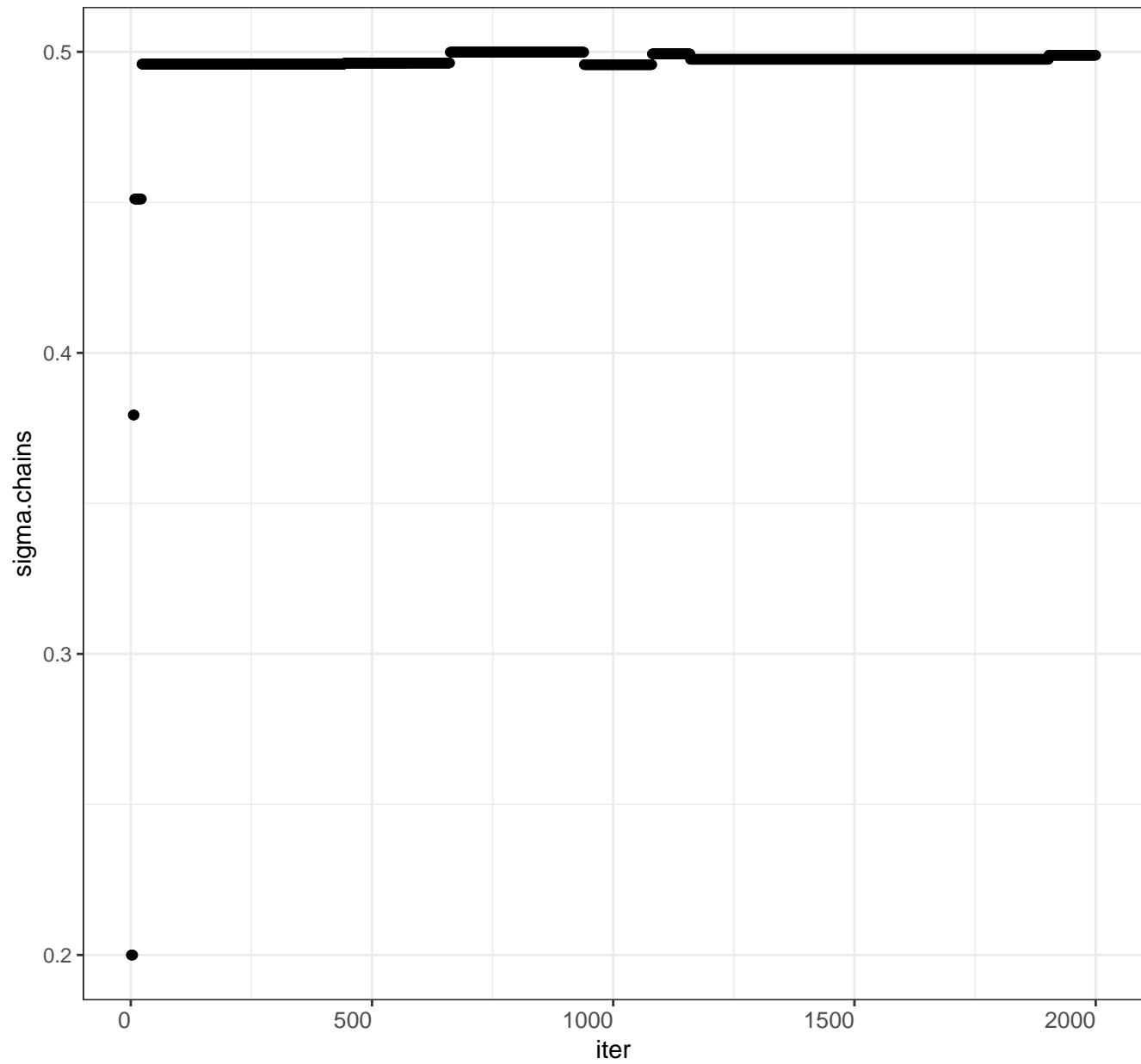


Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=10 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=50 ,r=10 true gr K=4 ,type=4 ,N=204

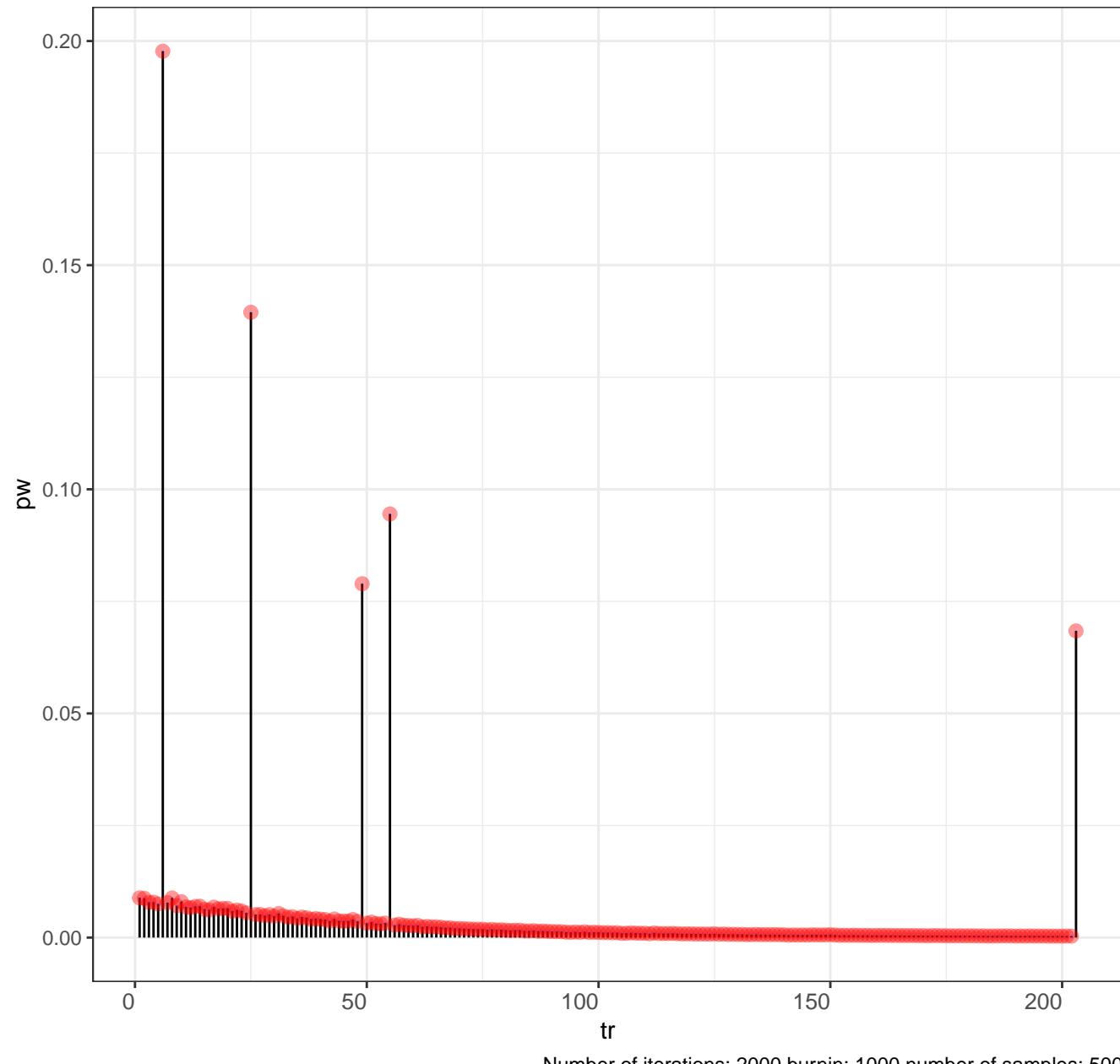


Trace plot for the sigma for S=50 r=10 true K=4 type=4

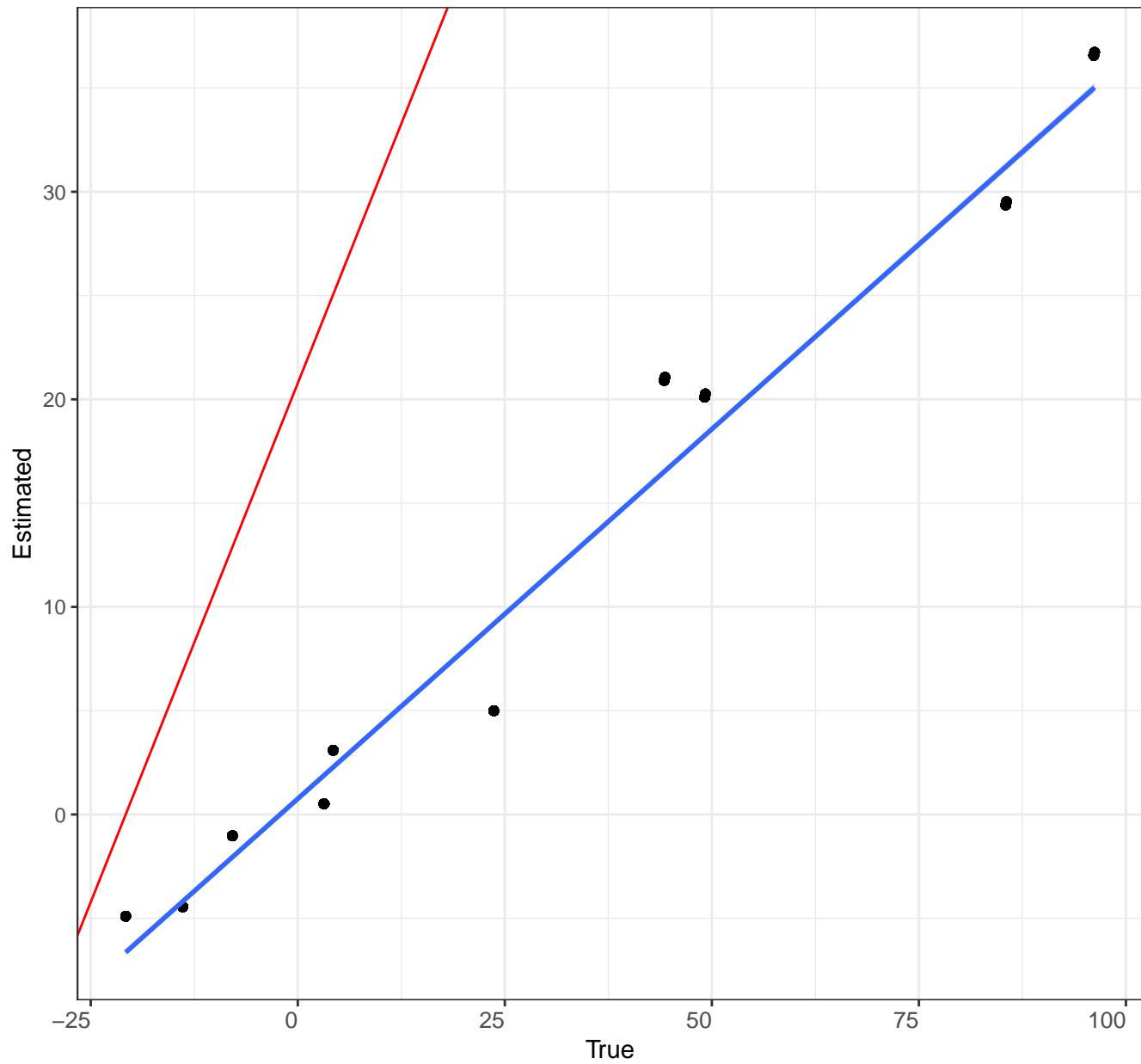


Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=50 ,r=10 true gr K=4 ,type=4 ,N=204 pN=0.068

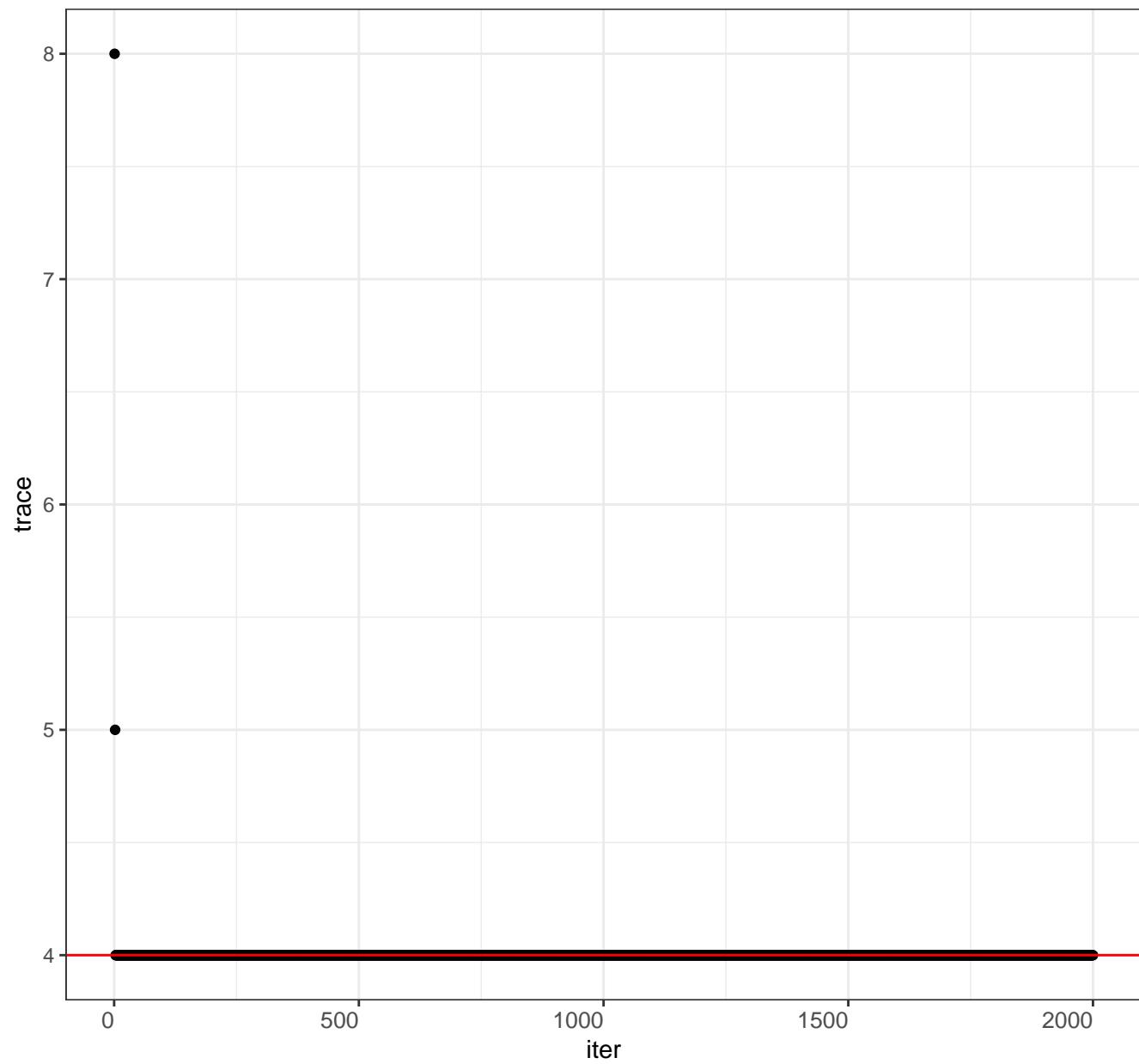


True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 r=10 true K=4 type=4

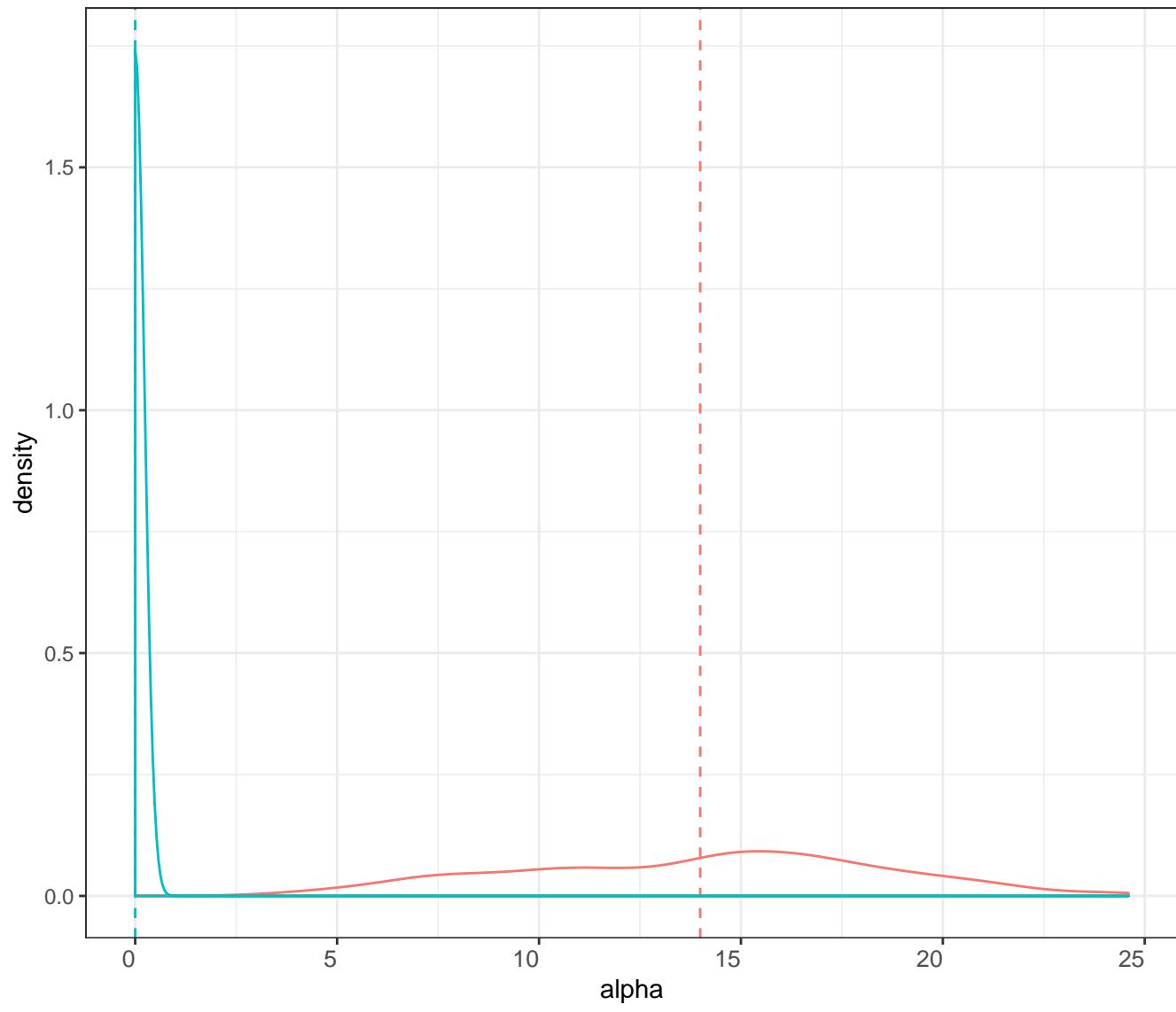
Trace plot for the number of groups K for S=50 r=10 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=50 ,r=10 true gr K=4 ,type=4 ,N=204

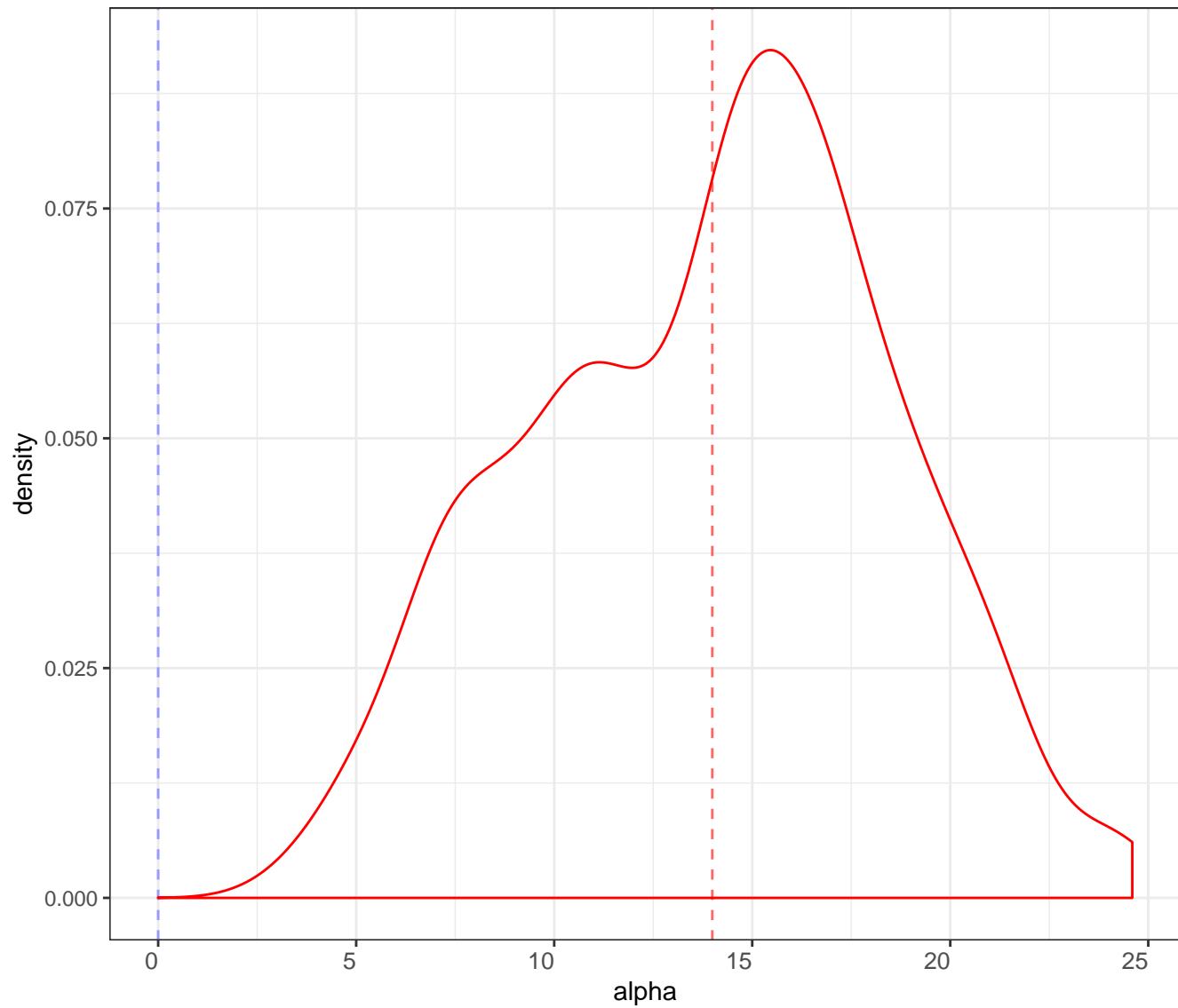
type [] posterior [] prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

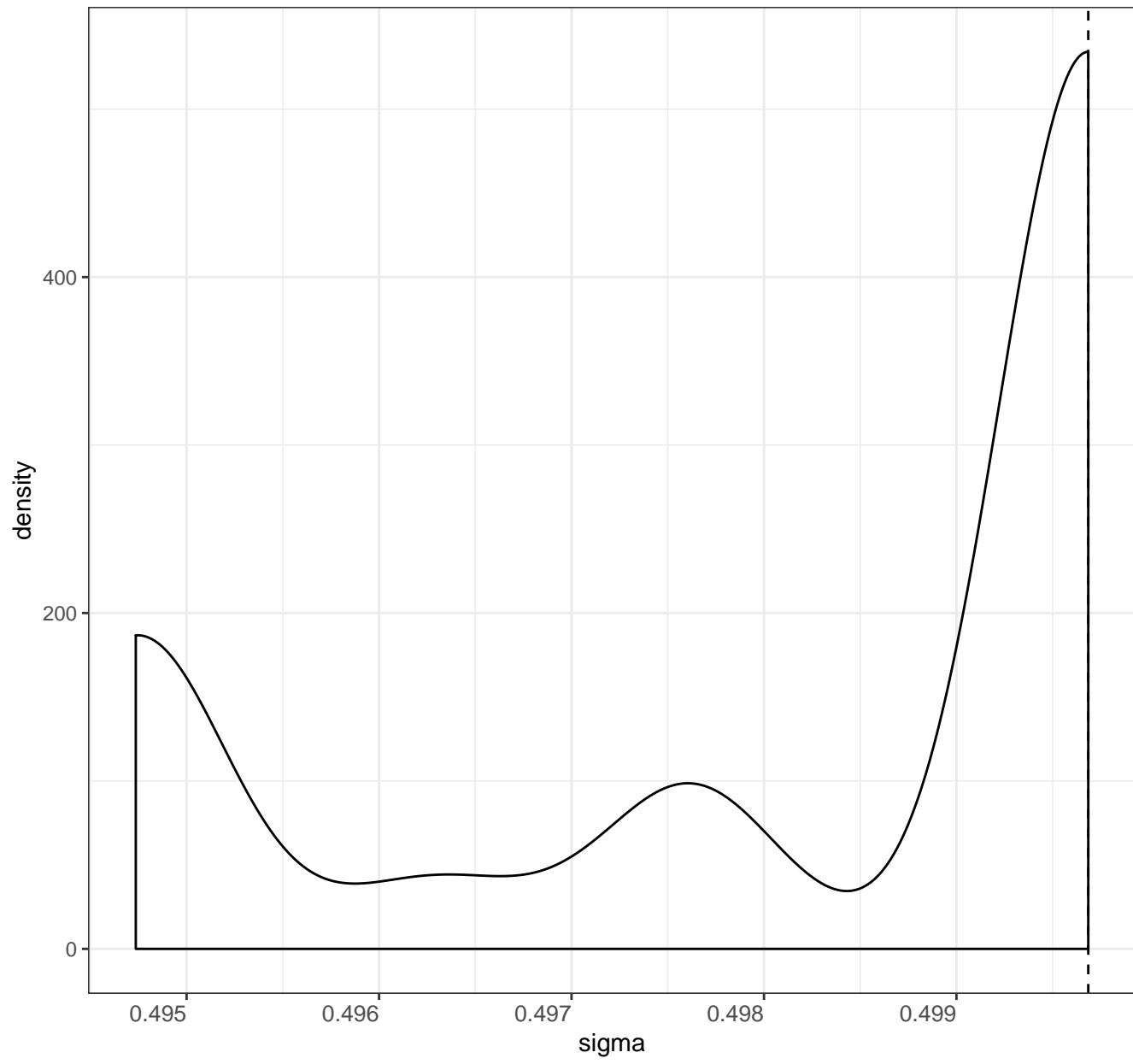
Posterior distribution for alpha

Legend | posterior mean | prior mean

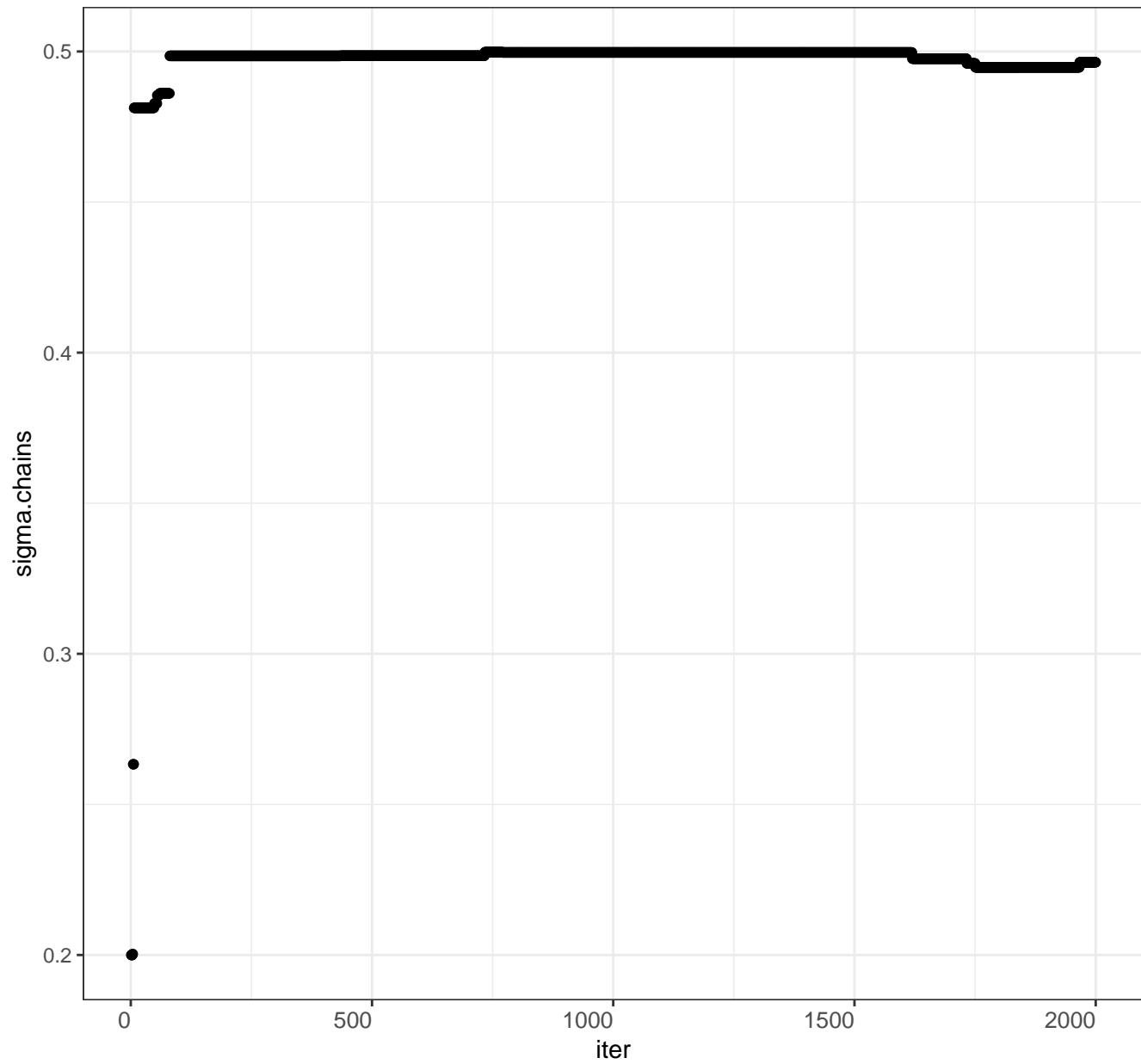


Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=10 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=50 ,r=10 true gr K=4 ,type=4 ,N=204

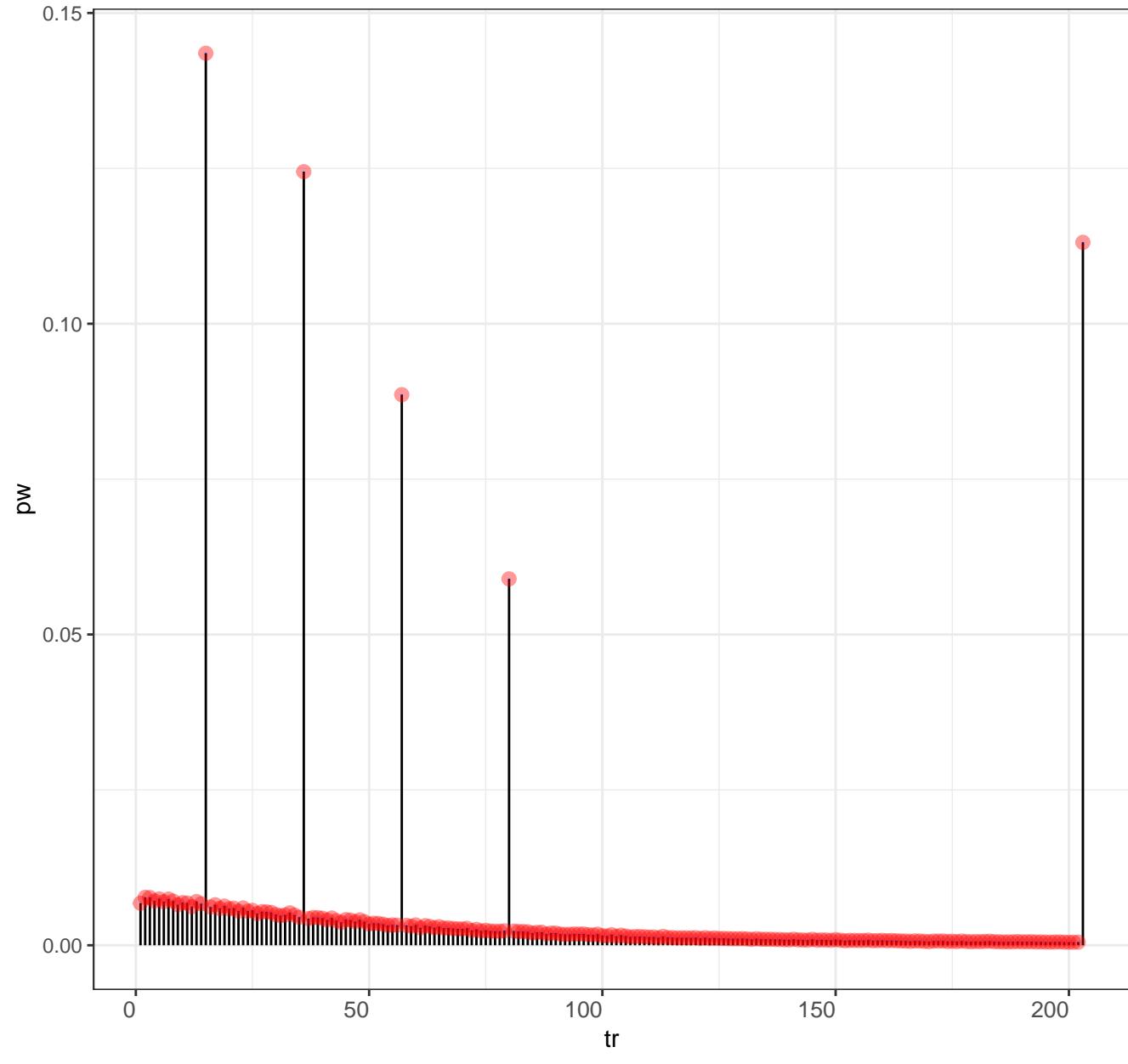


Trace plot for the sigma for S=50 r=10 true K=4 type=4



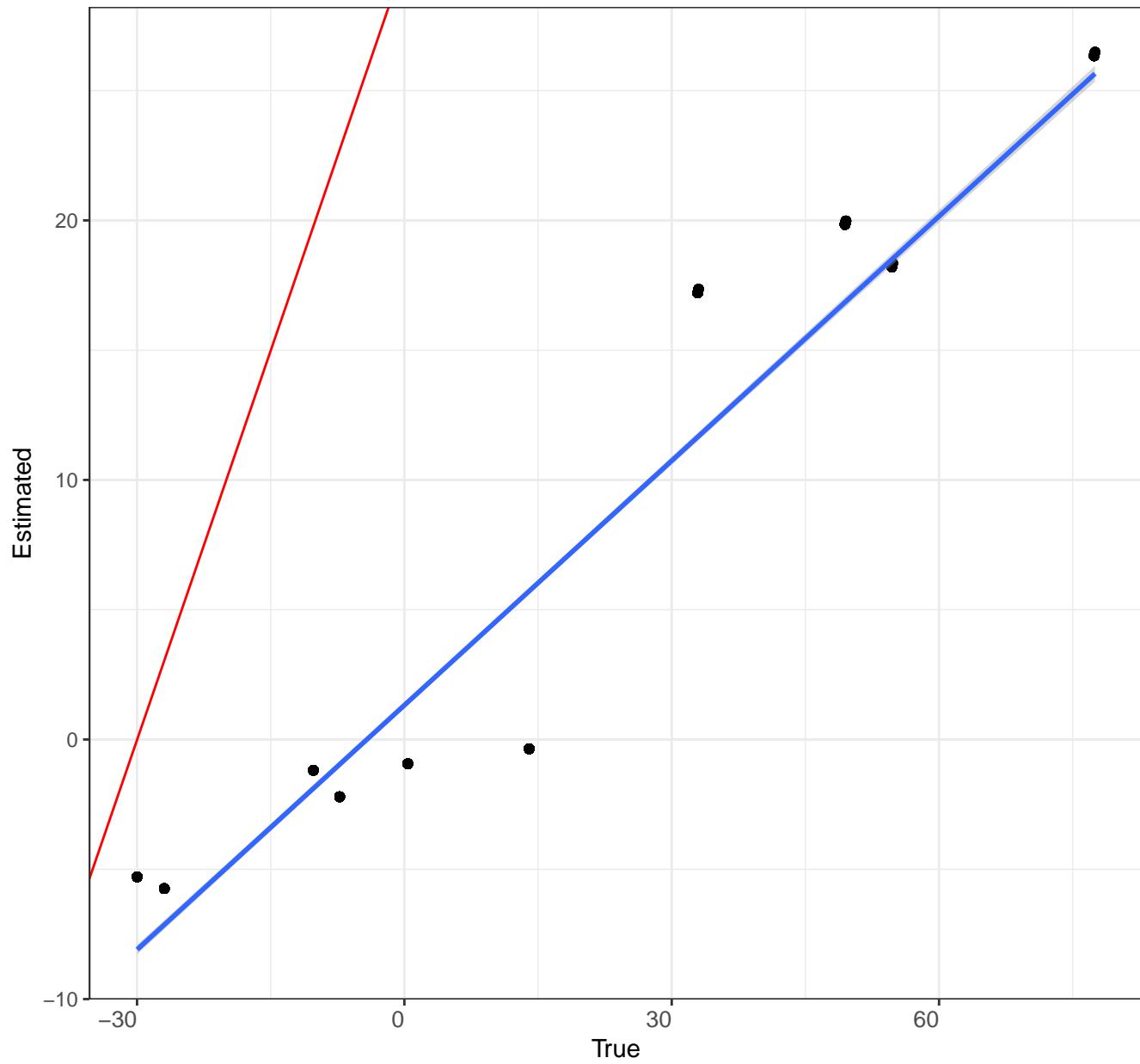
Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=50 ,r=10 true gr K=4 ,type=4 ,N=204 pN=0.113



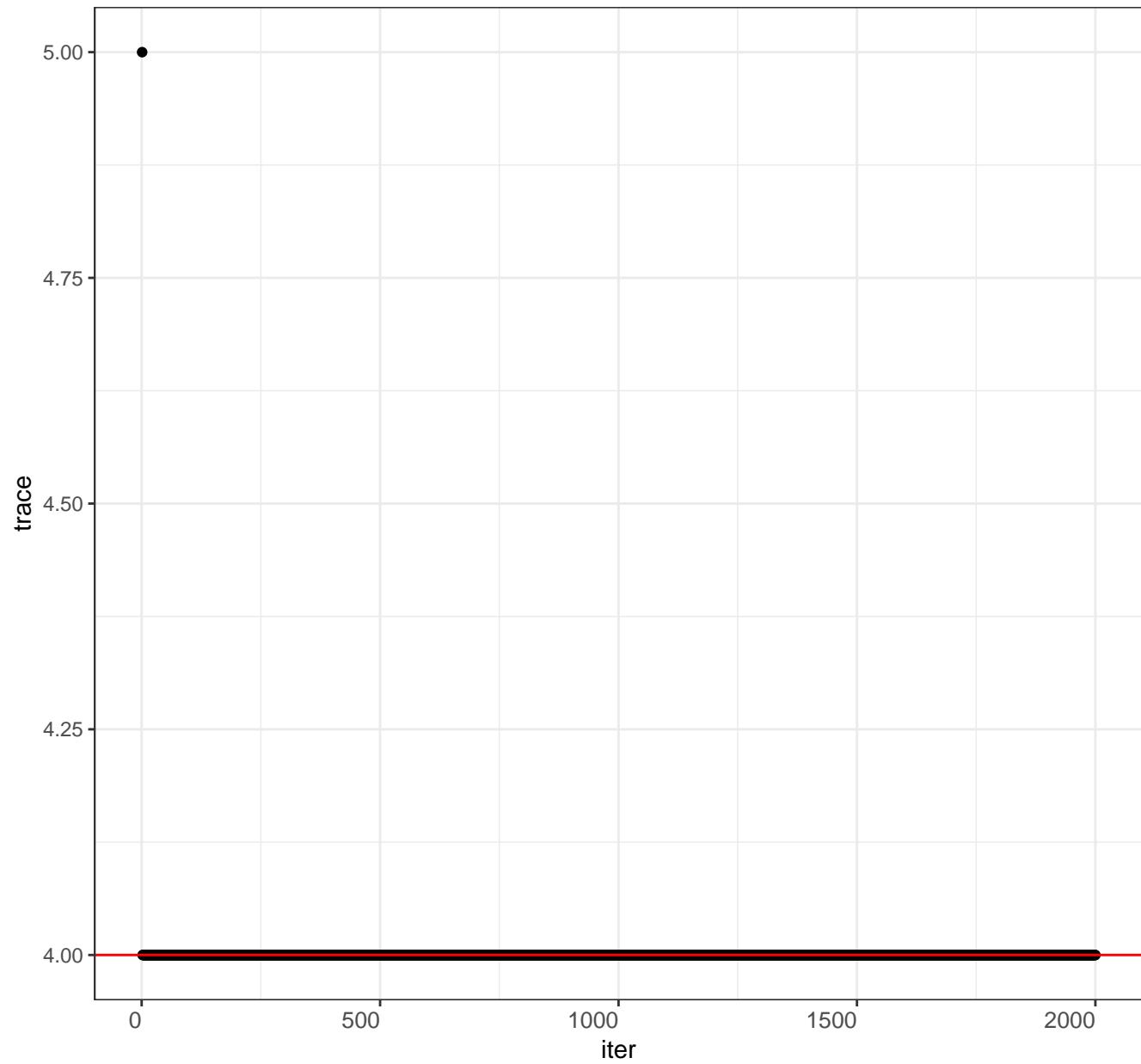
Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 r=10 true K=4 type=4

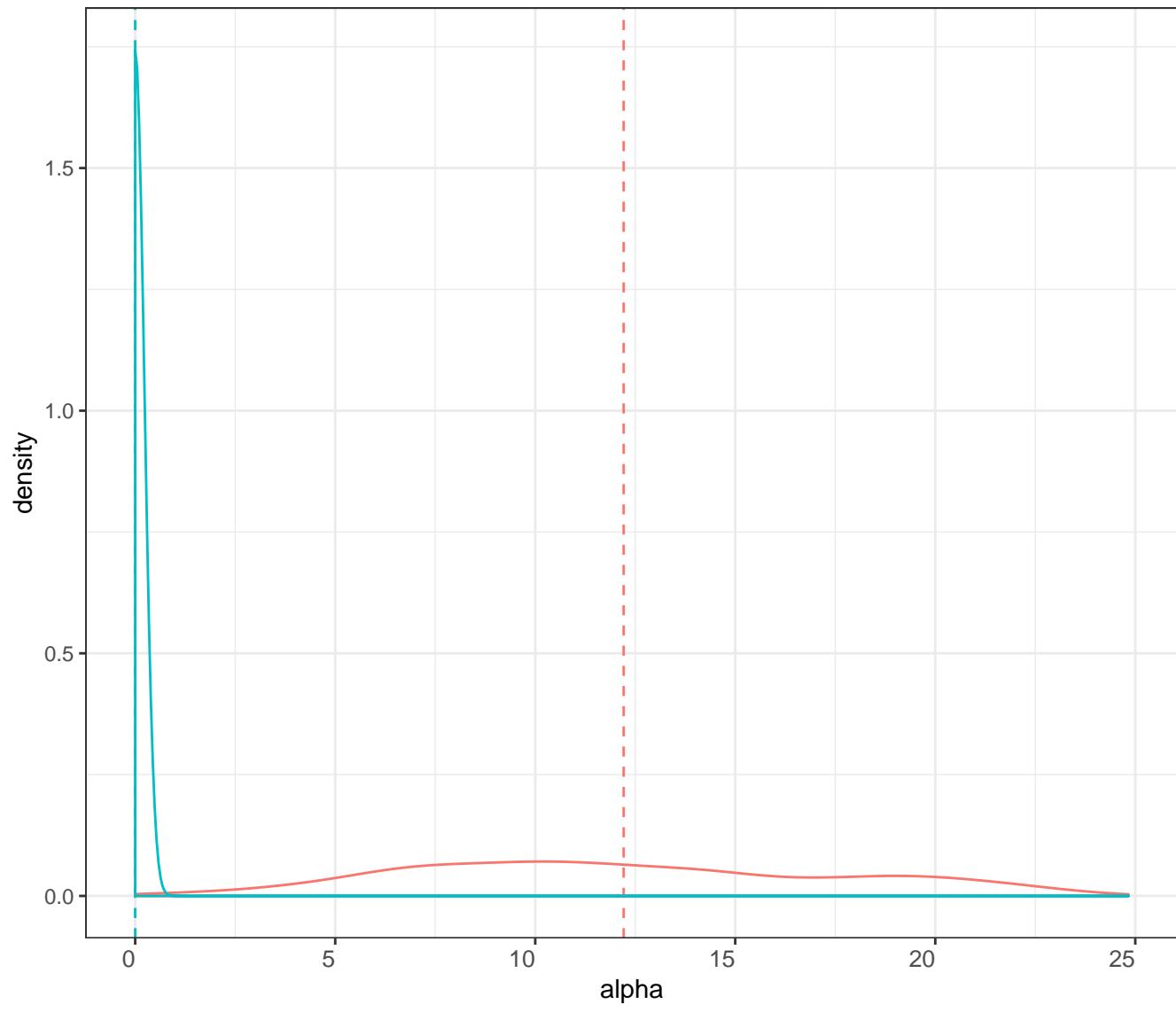
Trace plot for the number of groups K for S=50 r=20 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=50 ,r=20 true gr K=4 ,type=4 ,N=204

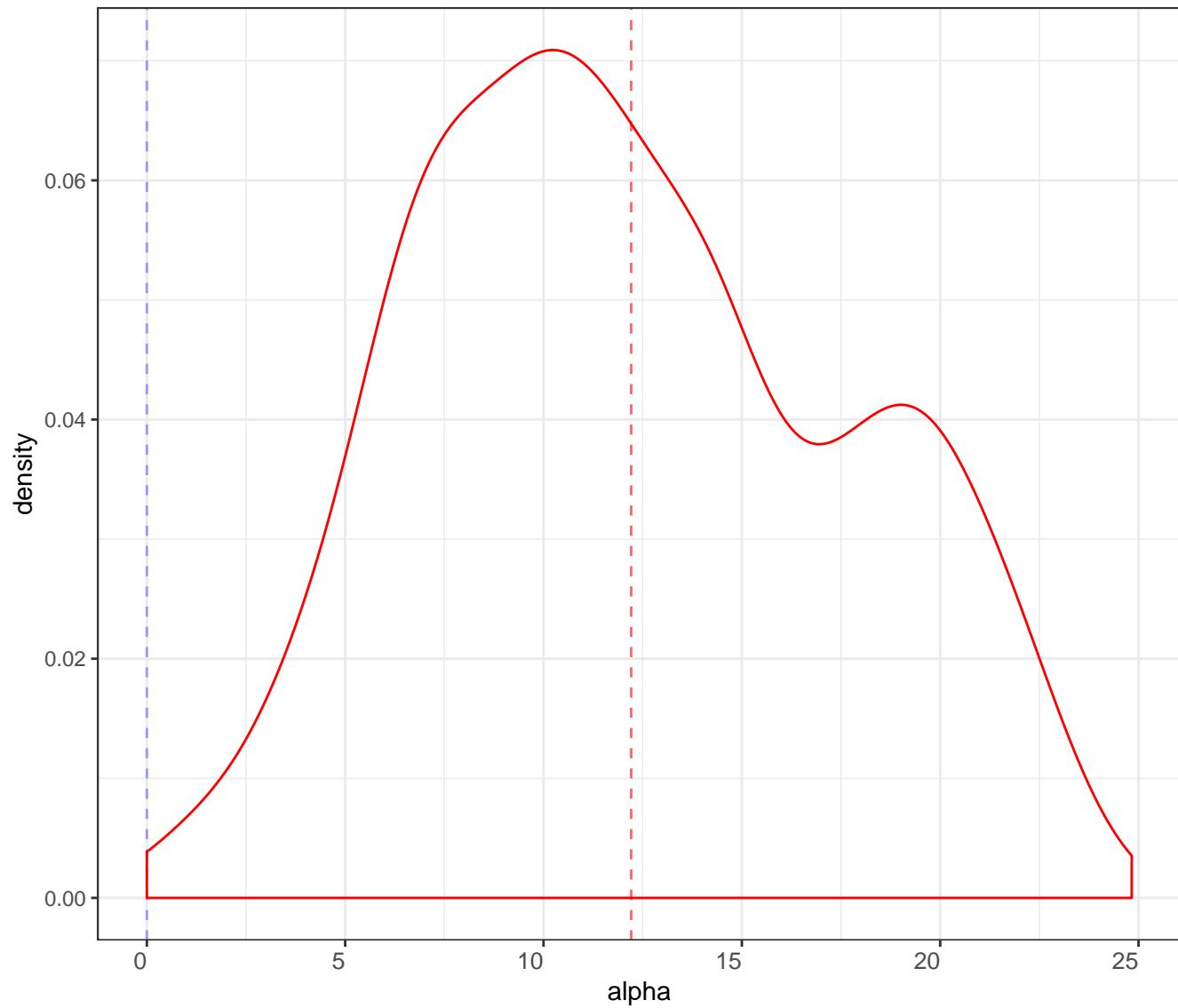
type [] posterior [] prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

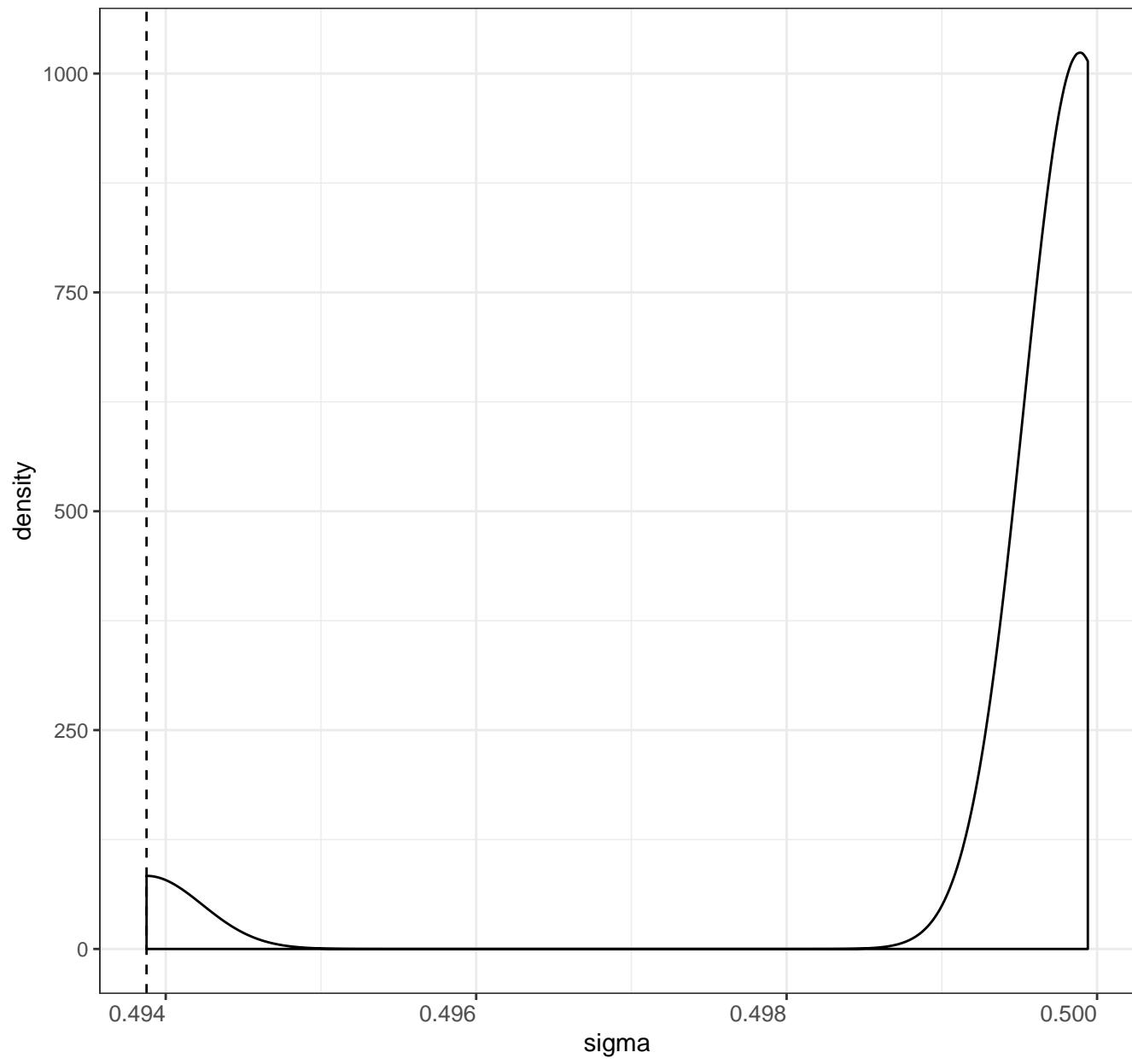
Posterior distribution for alpha

Legend | posterior mean | prior mean

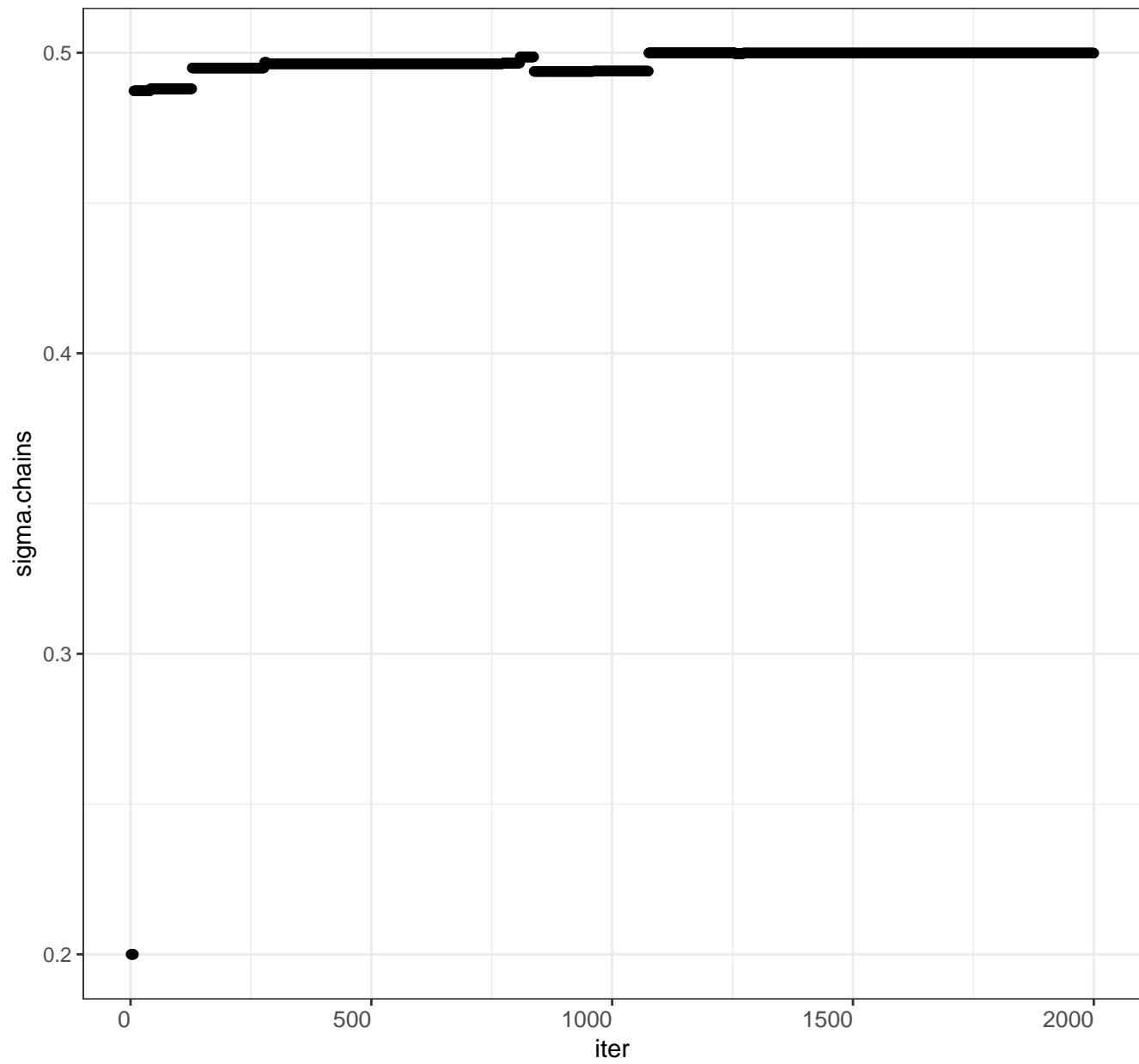


Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=20 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=50 ,r=20 true gr K=4 ,type=4 ,N=204

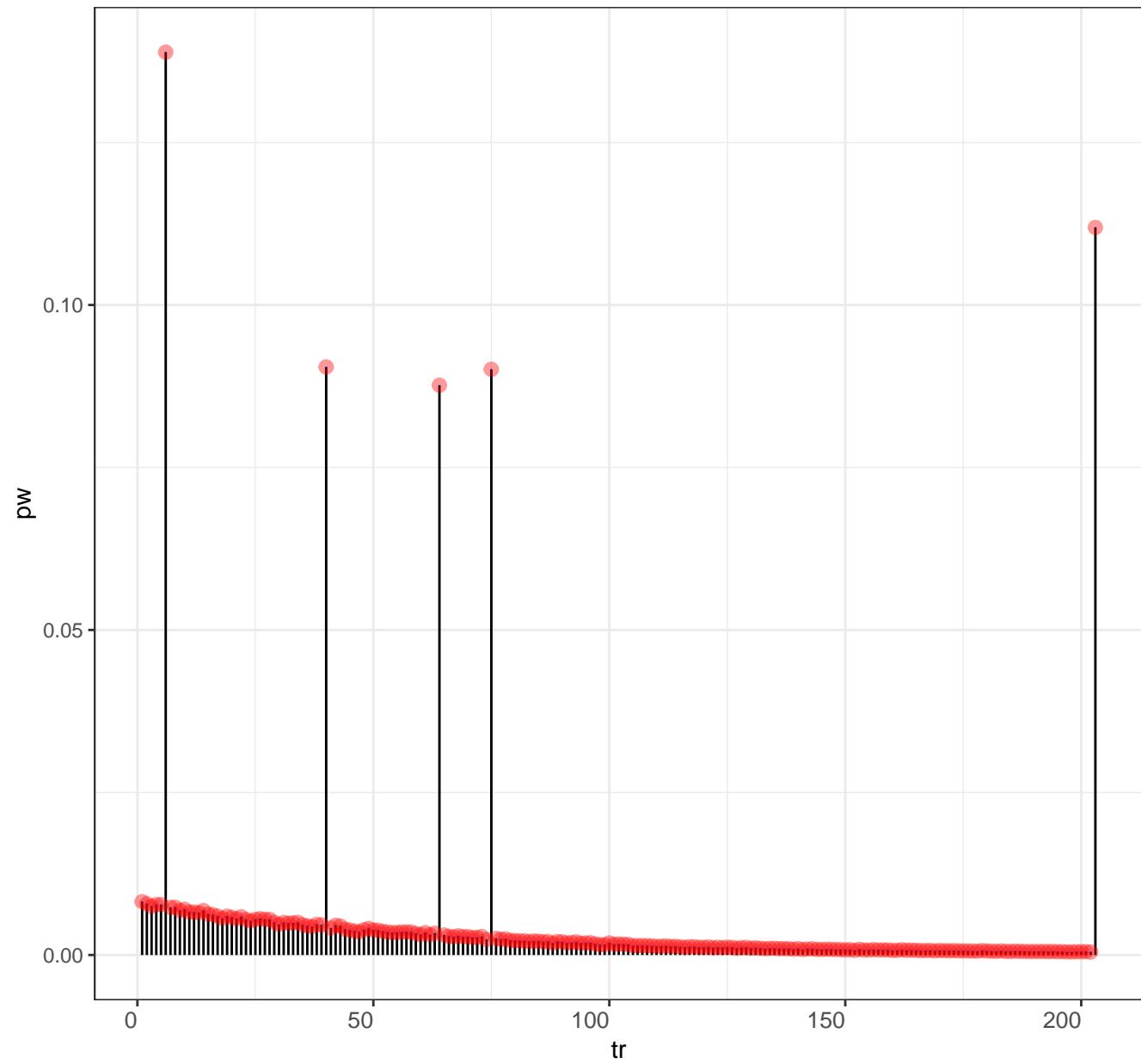


Trace plot for the sigma for S=50 r=20 true K=4 type=4

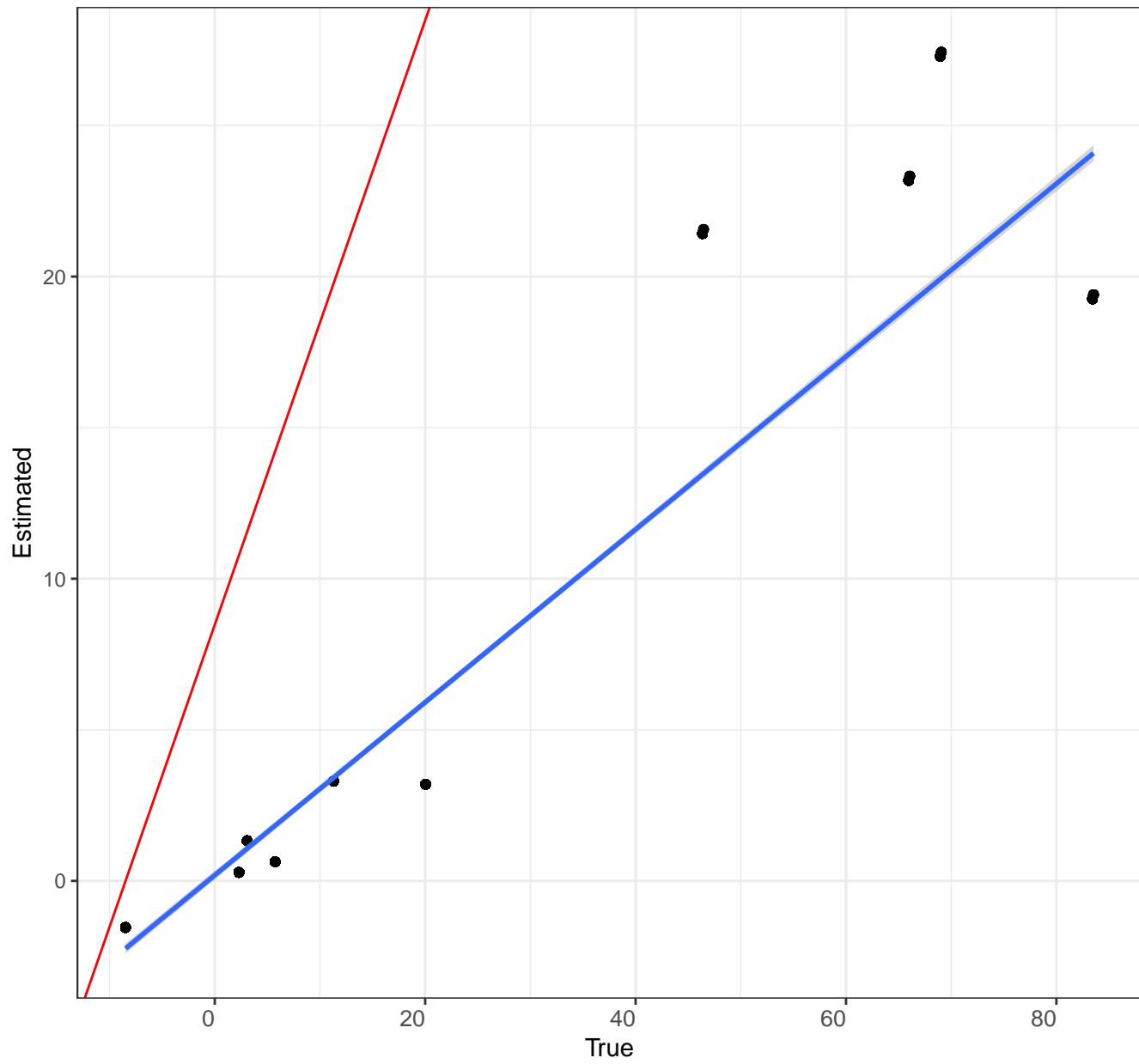


Number of iterations: 2000 burnin: 1000 number of samples: 500

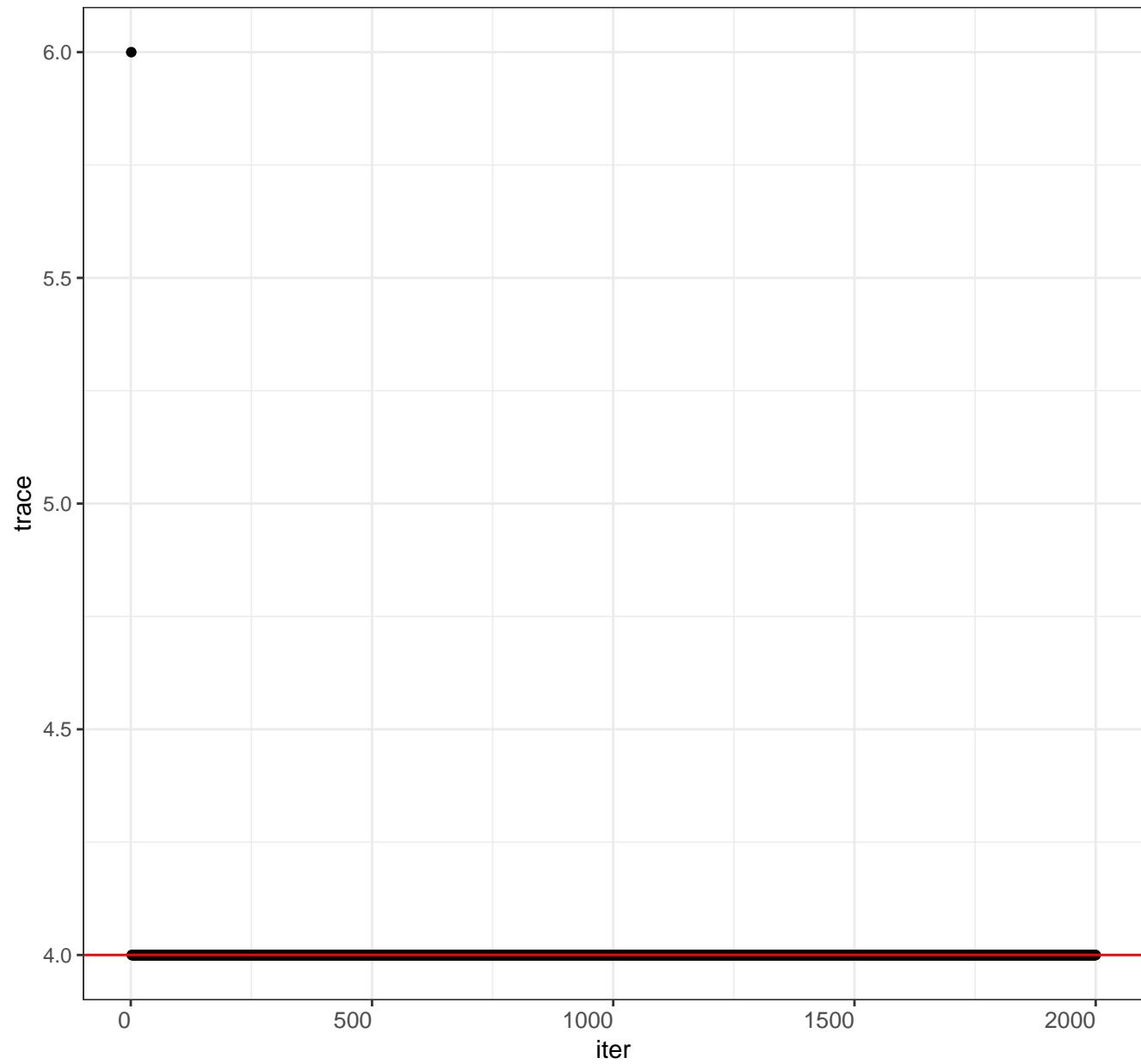
Weights for the case: S=50 ,r=20 true gr K=4 ,type=4 ,N=204 pN=0.112



True vs estimated covariance parameters

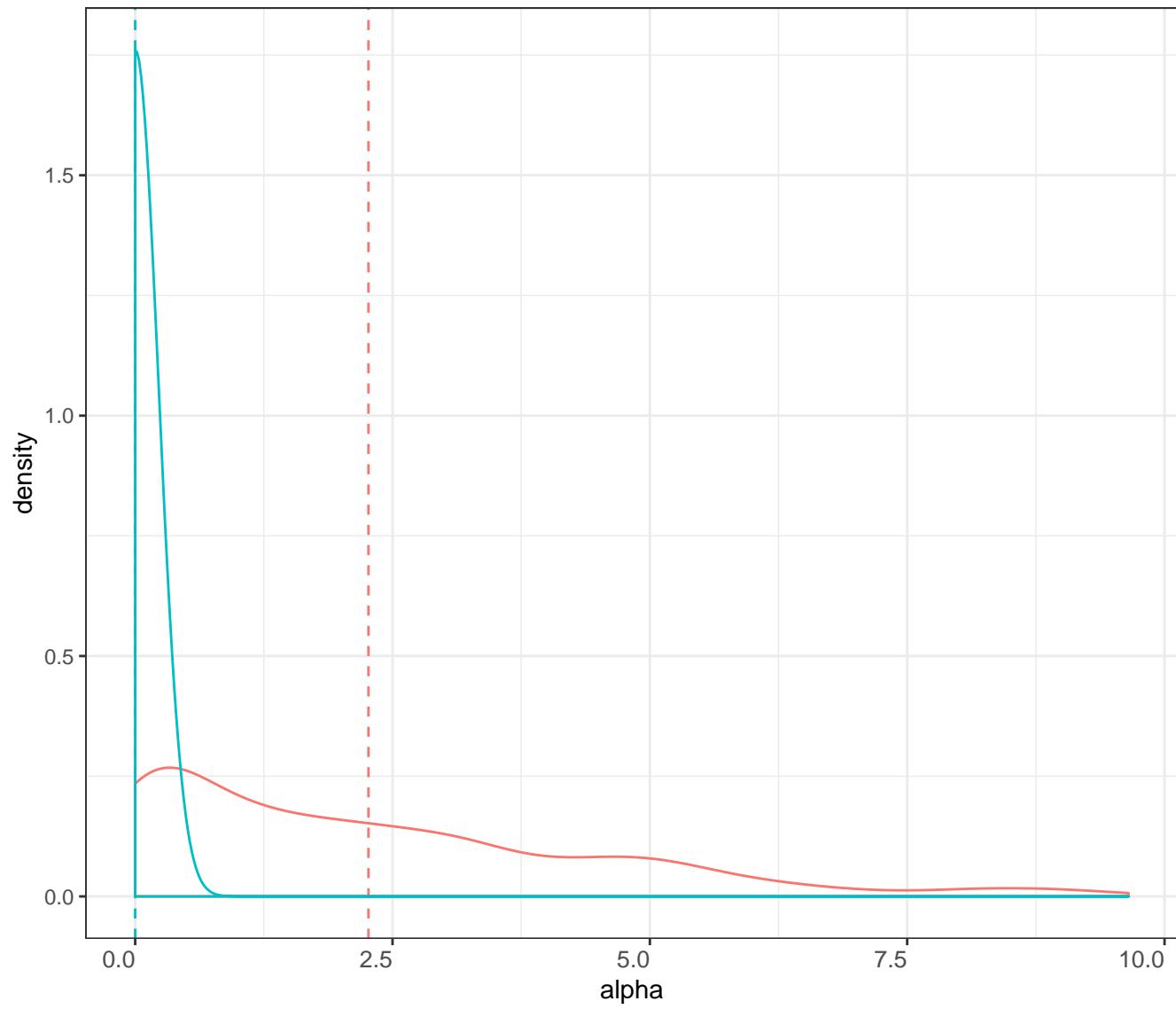


Trace plot for the number of groups K for S=50 r=20 true K=4 type=4



Distribution alpha: S=50 ,r=20 true gr K=4 ,type=4 ,N=204

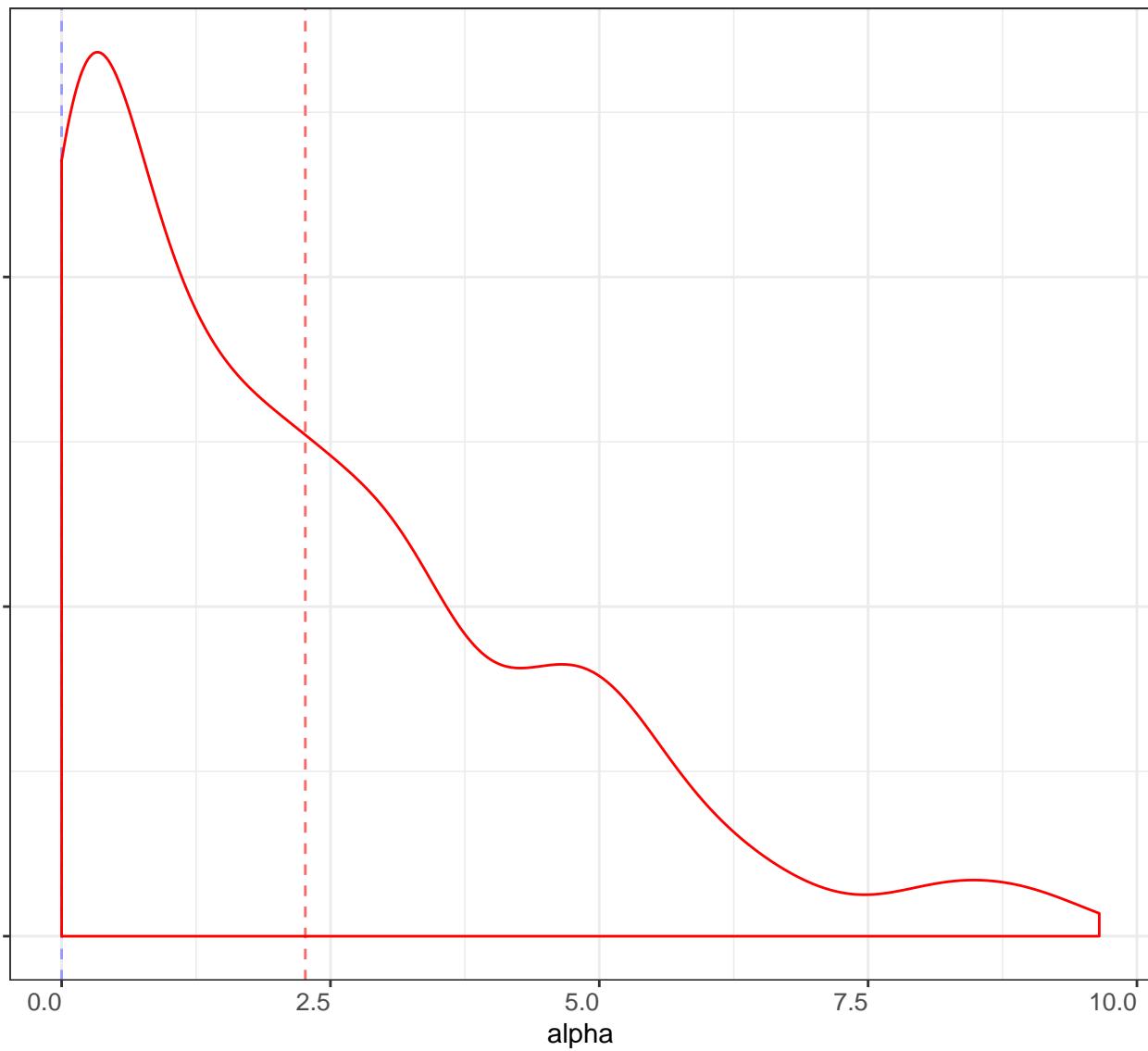
type [] posterior [] prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

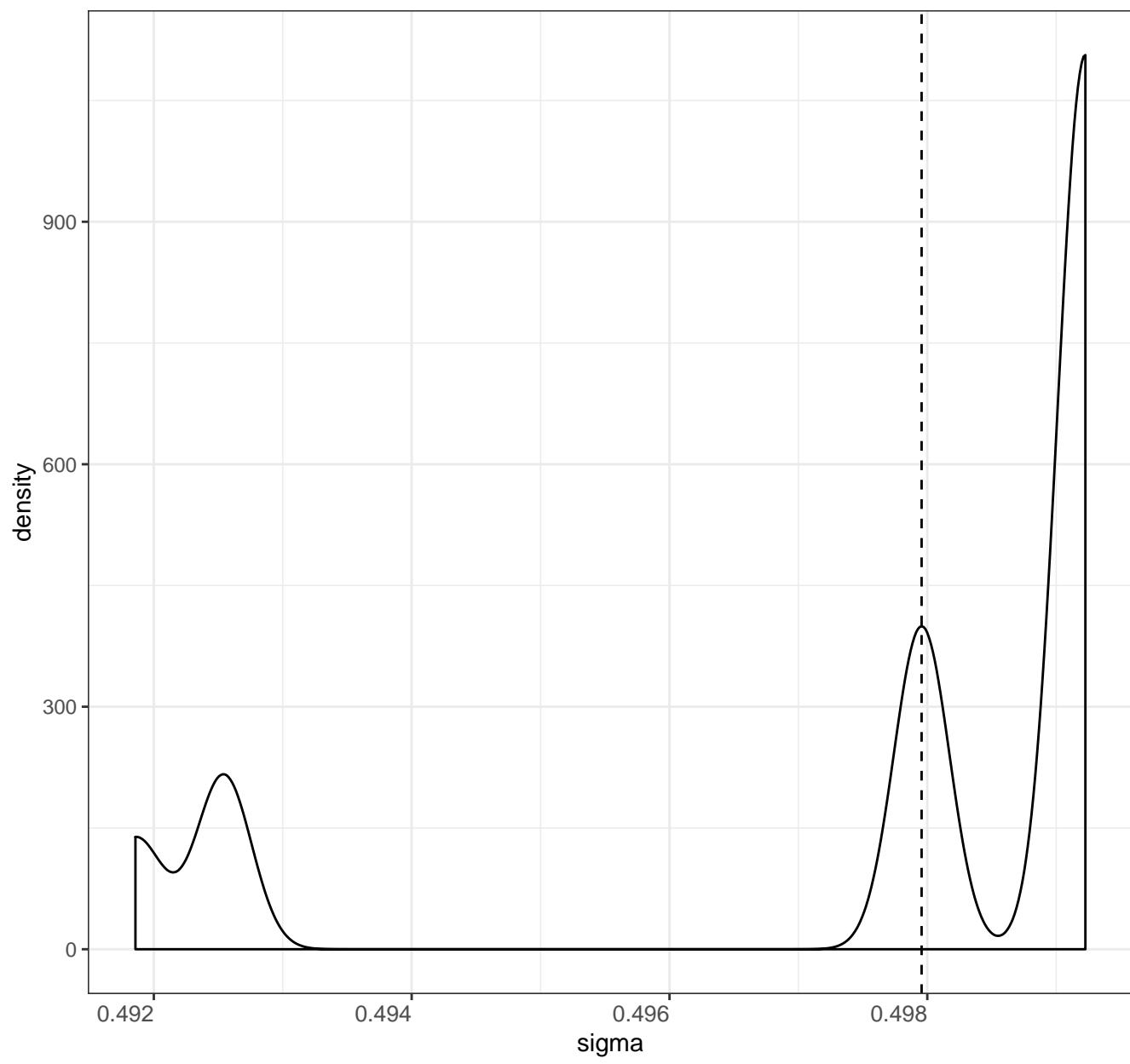
Posterior distribution for alpha

Legend | posterior mean | prior mean

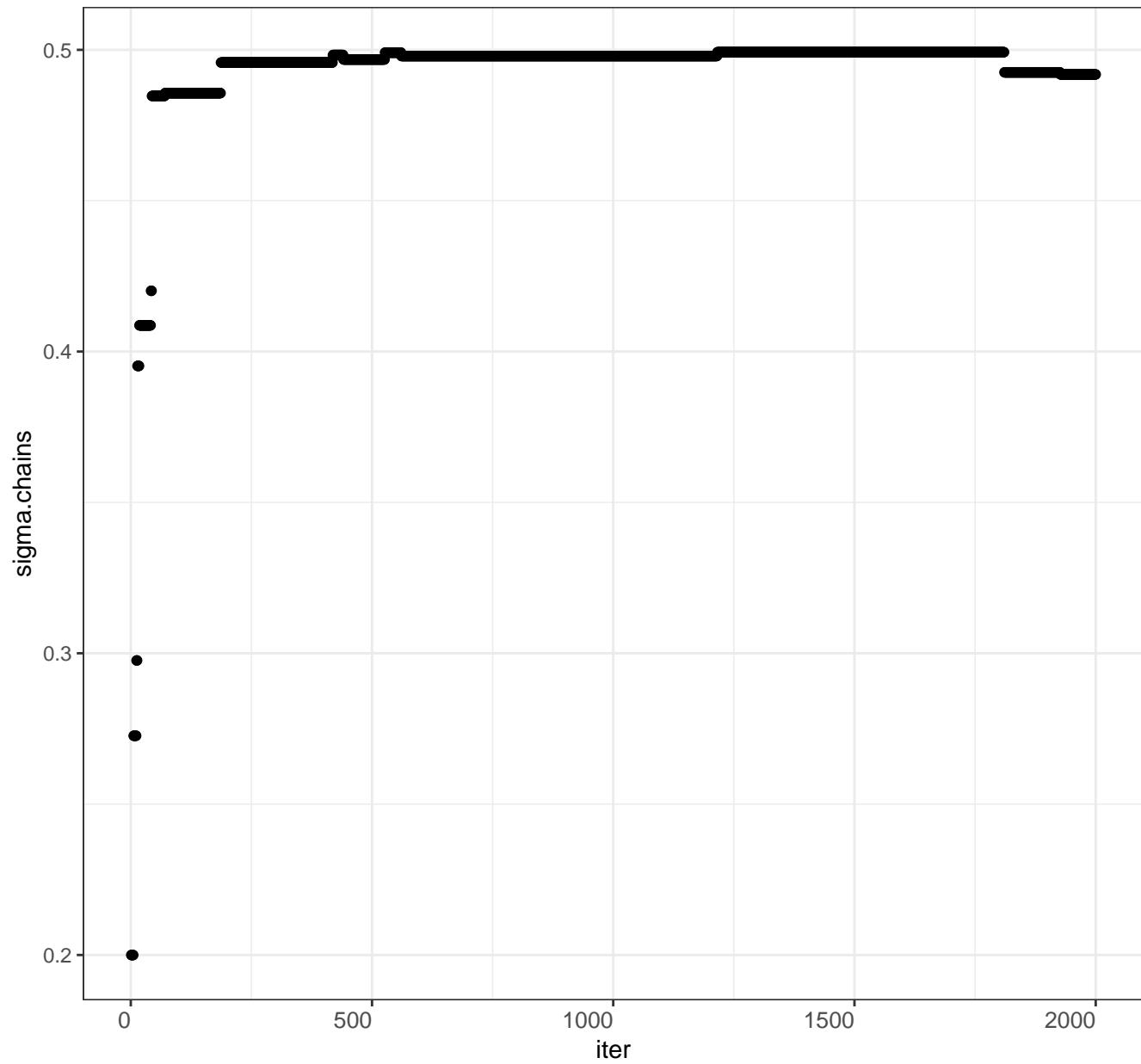


Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=20 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=50 ,r=20 true gr K=4 ,type=4 ,N=204

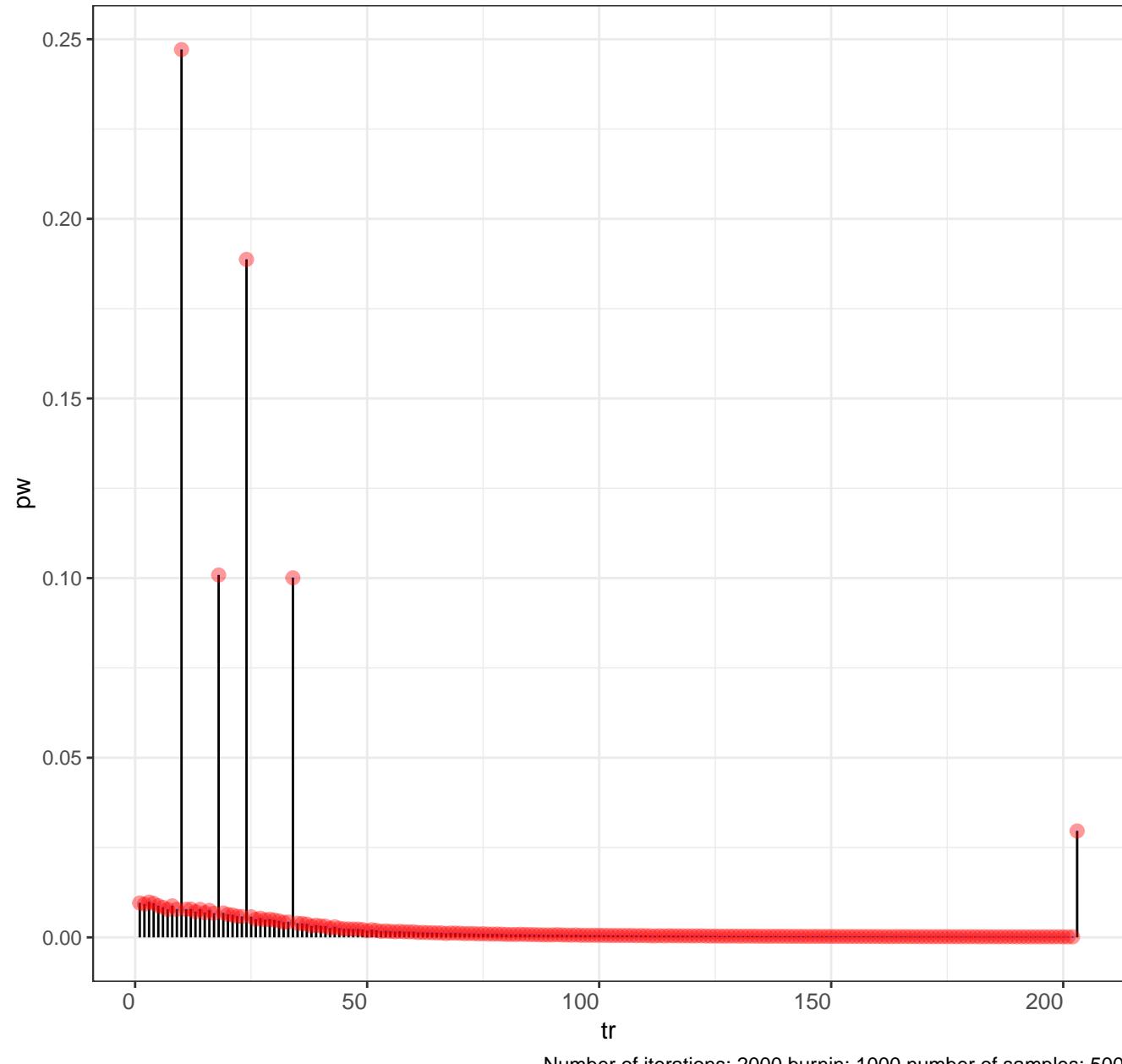


Trace plot for the sigma for S=50 r=20 true K=4 type=4

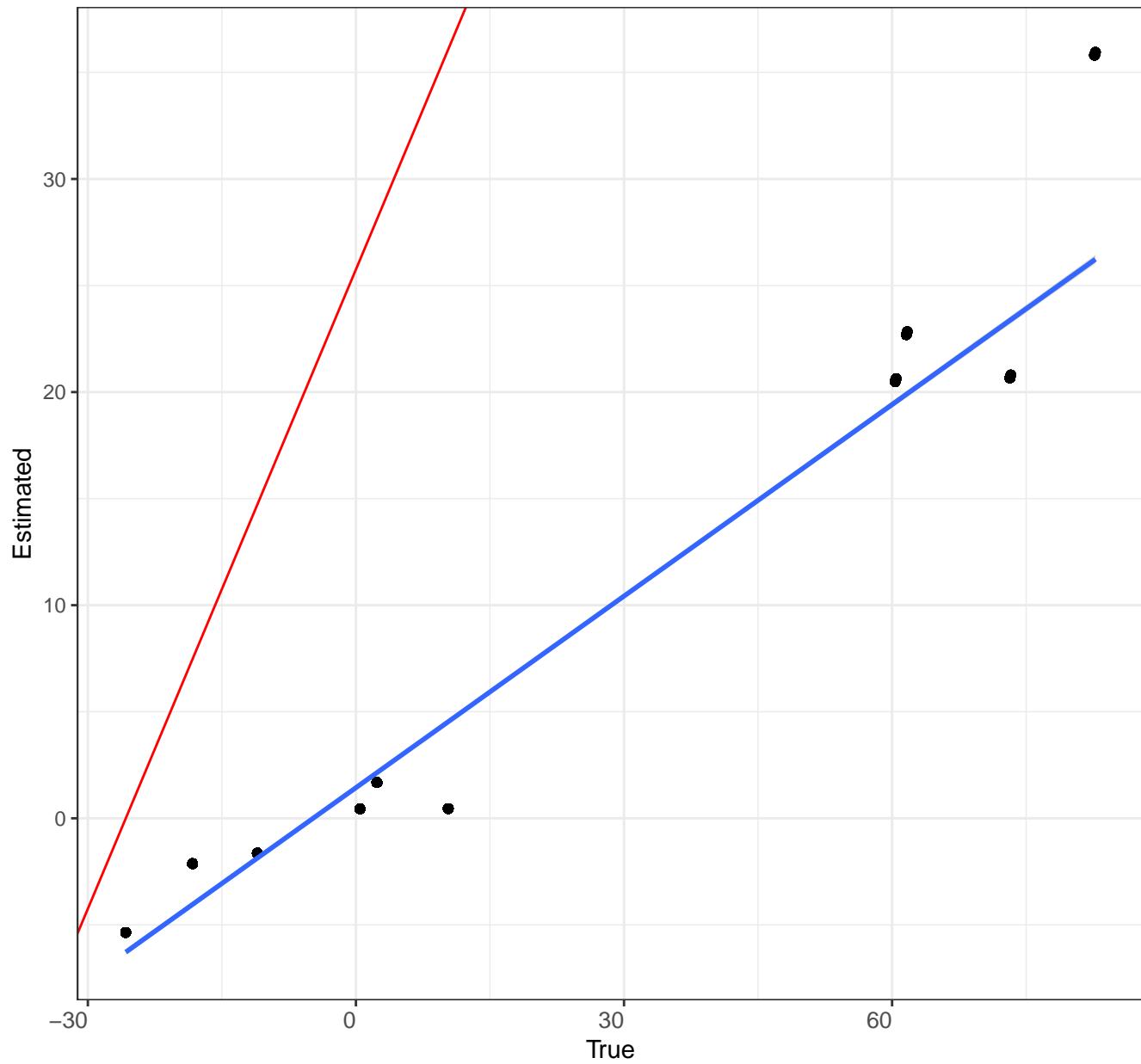


Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=50 ,r=20 true gr K=4 ,type=4 ,N=204 pN=0.03

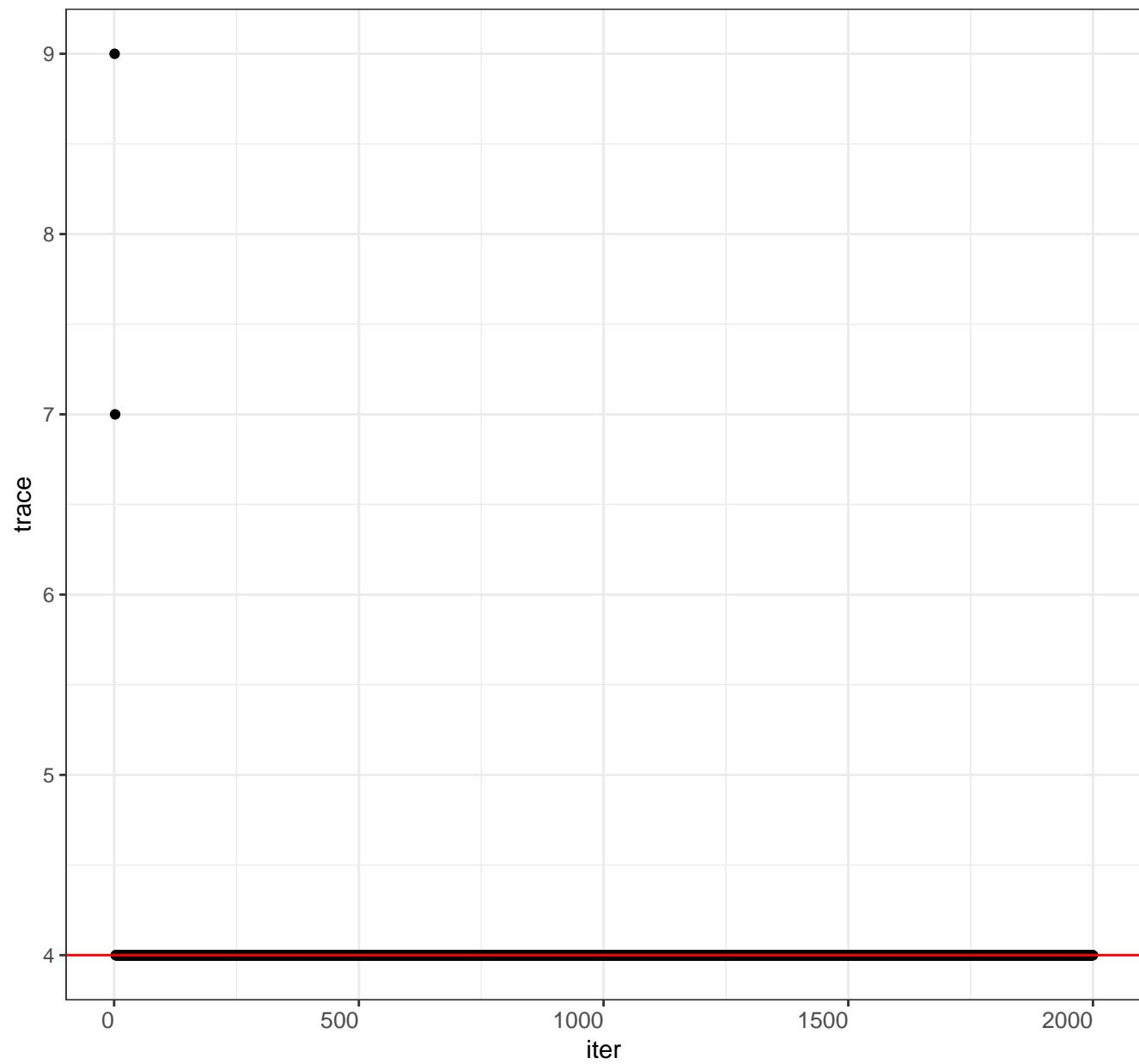


True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 r=20 true K=4 type=4

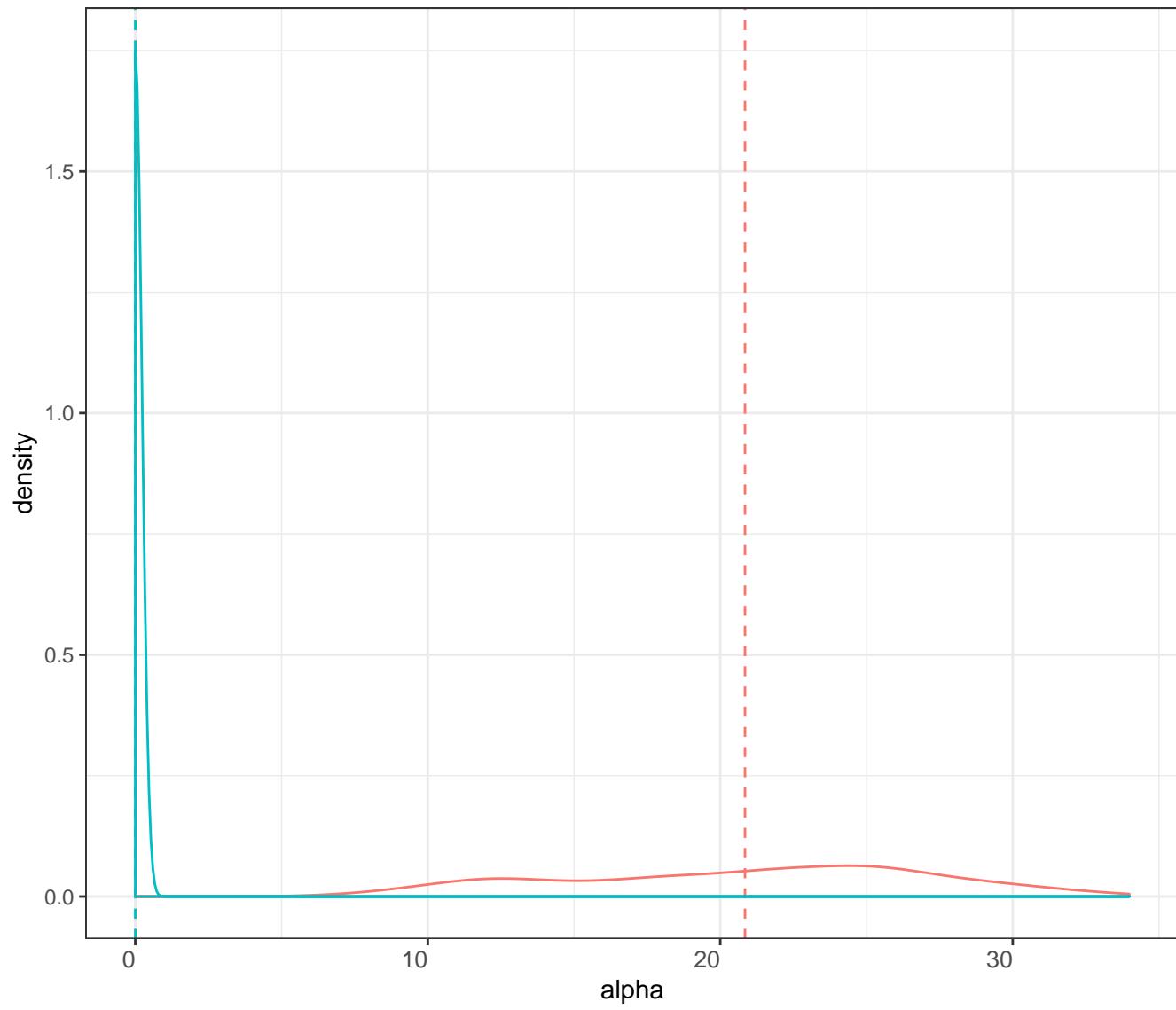
Trace plot for the number of groups K for S=50 r=20 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=50 ,r=20 true gr K=4 ,type=4 ,N=204

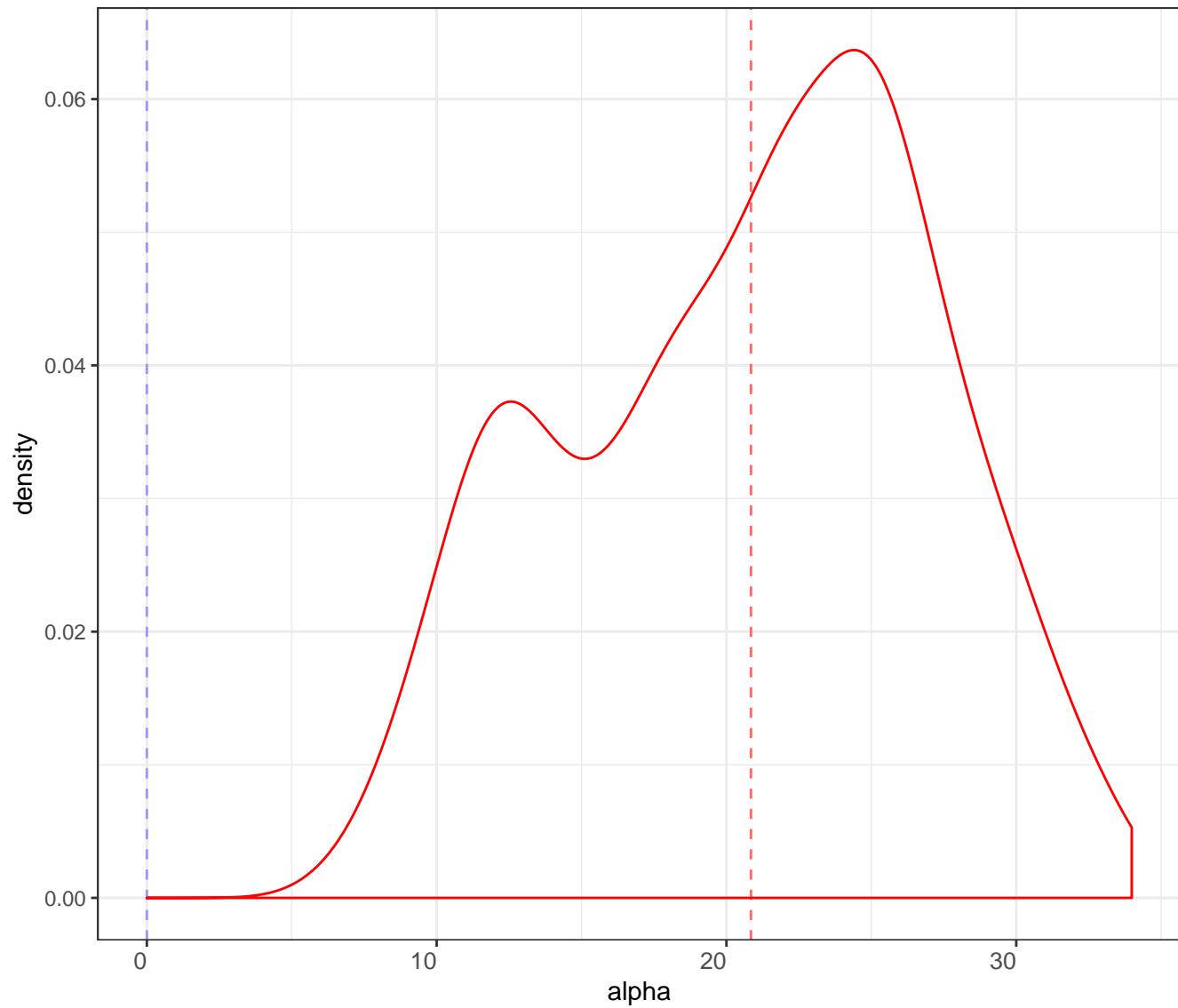
type [] posterior [] prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

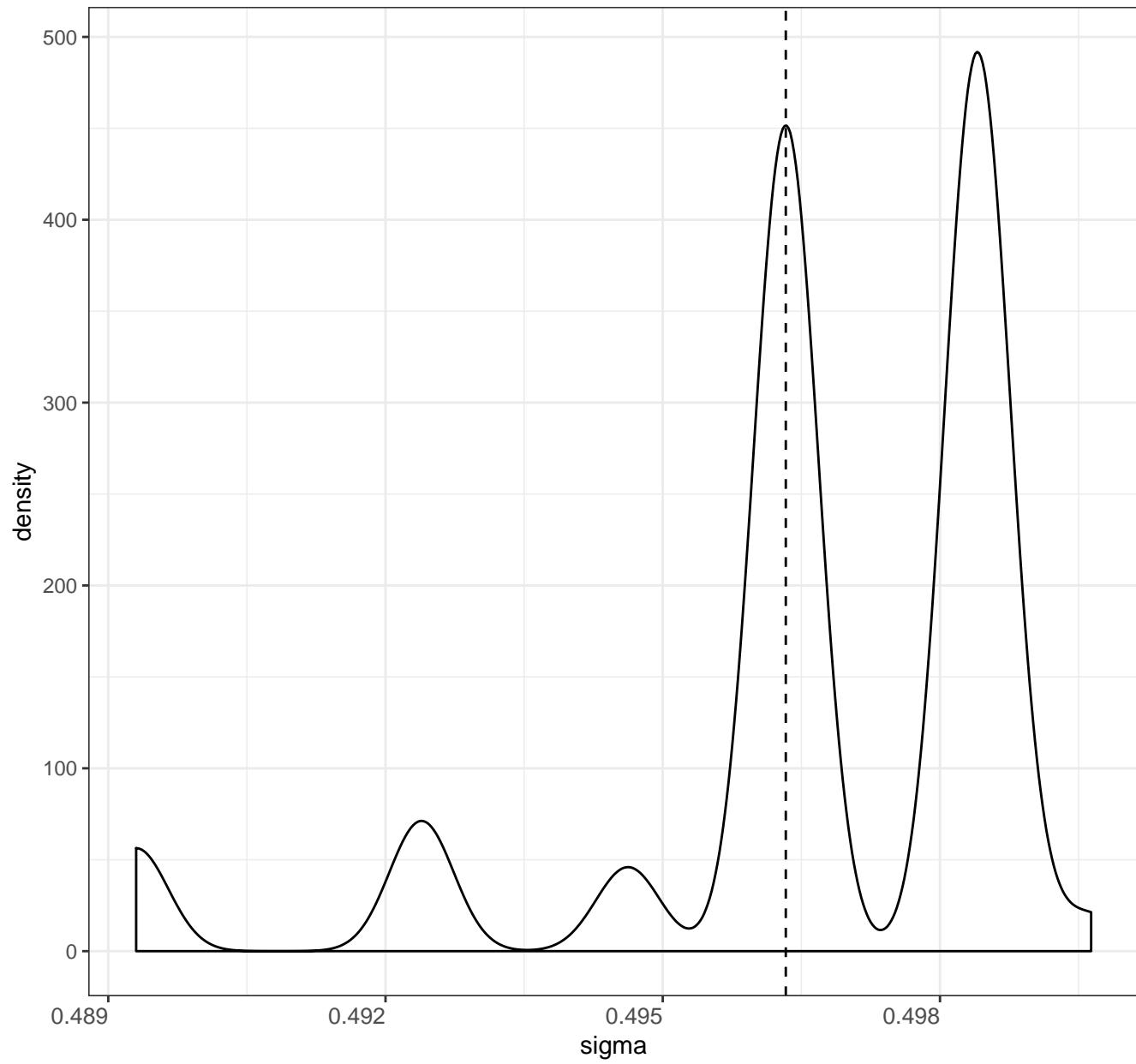
Posterior distribution for alpha

Legend | posterior mean | prior mean



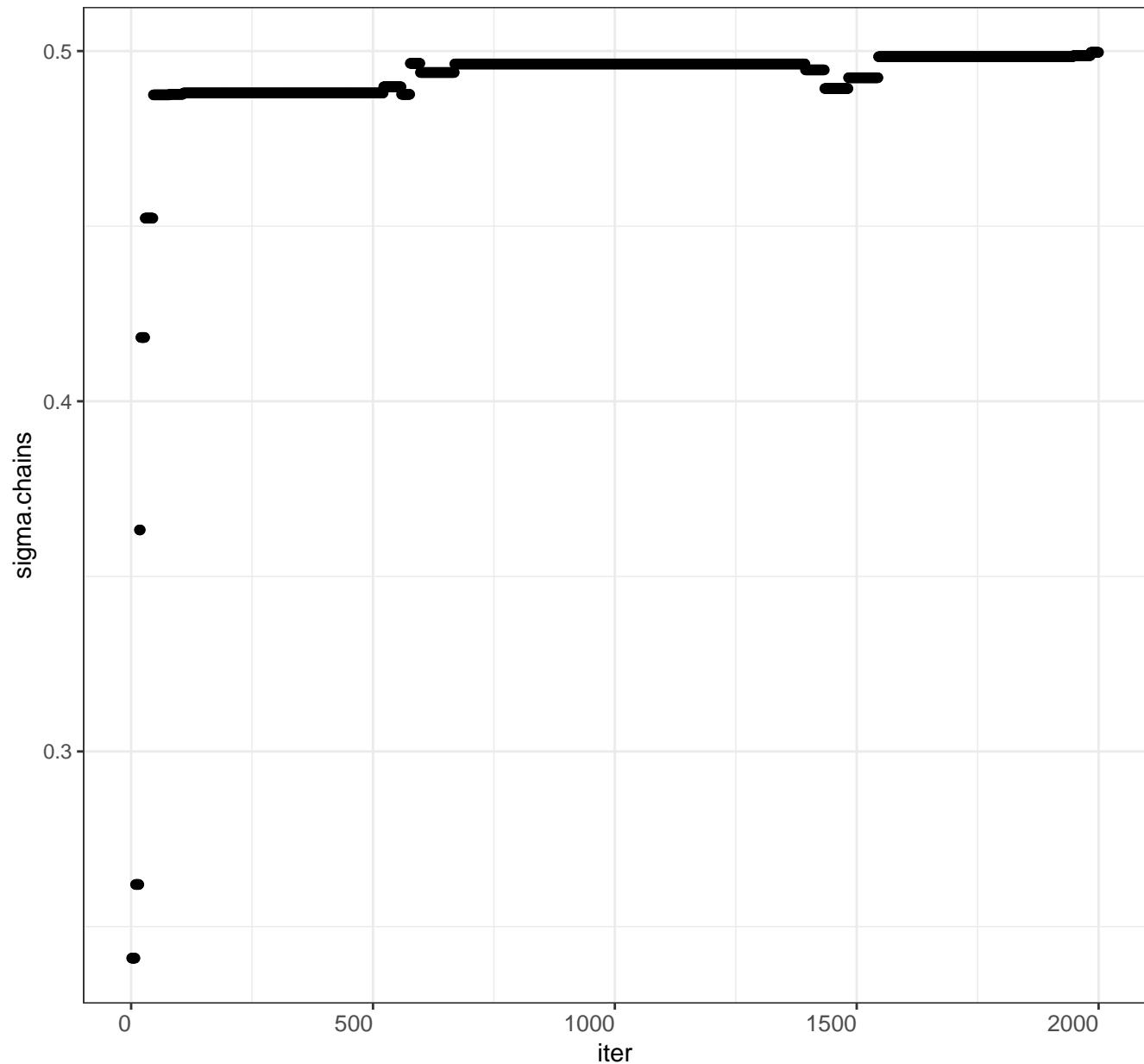
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=20 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=50 ,r=20 true gr K=4 ,type=4 ,N=204



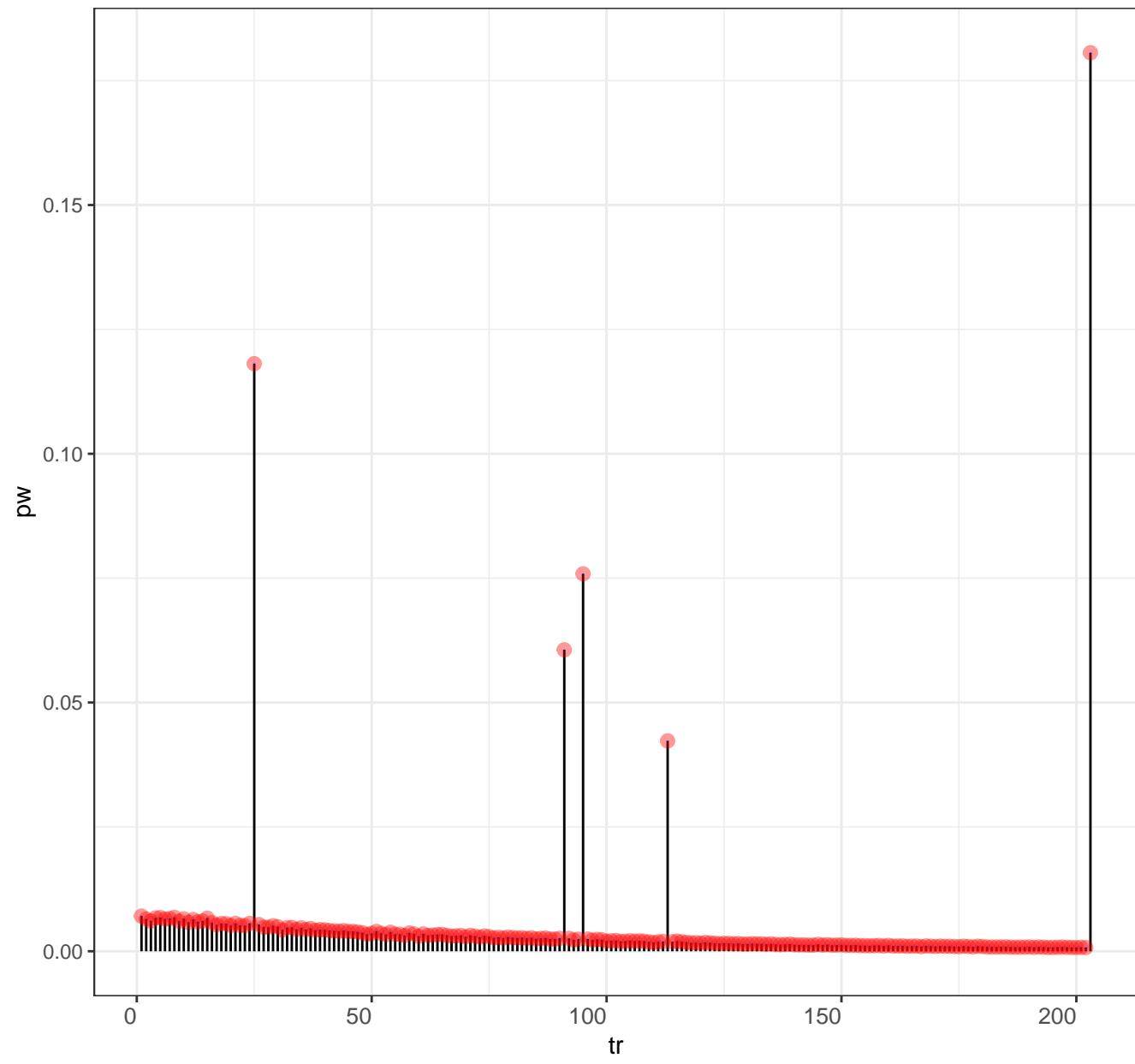
Number of iterations: 2000 burnin: 1000 number of samples: 500

Trace plot for the sigma for S=50 r=20 true K=4 type=4



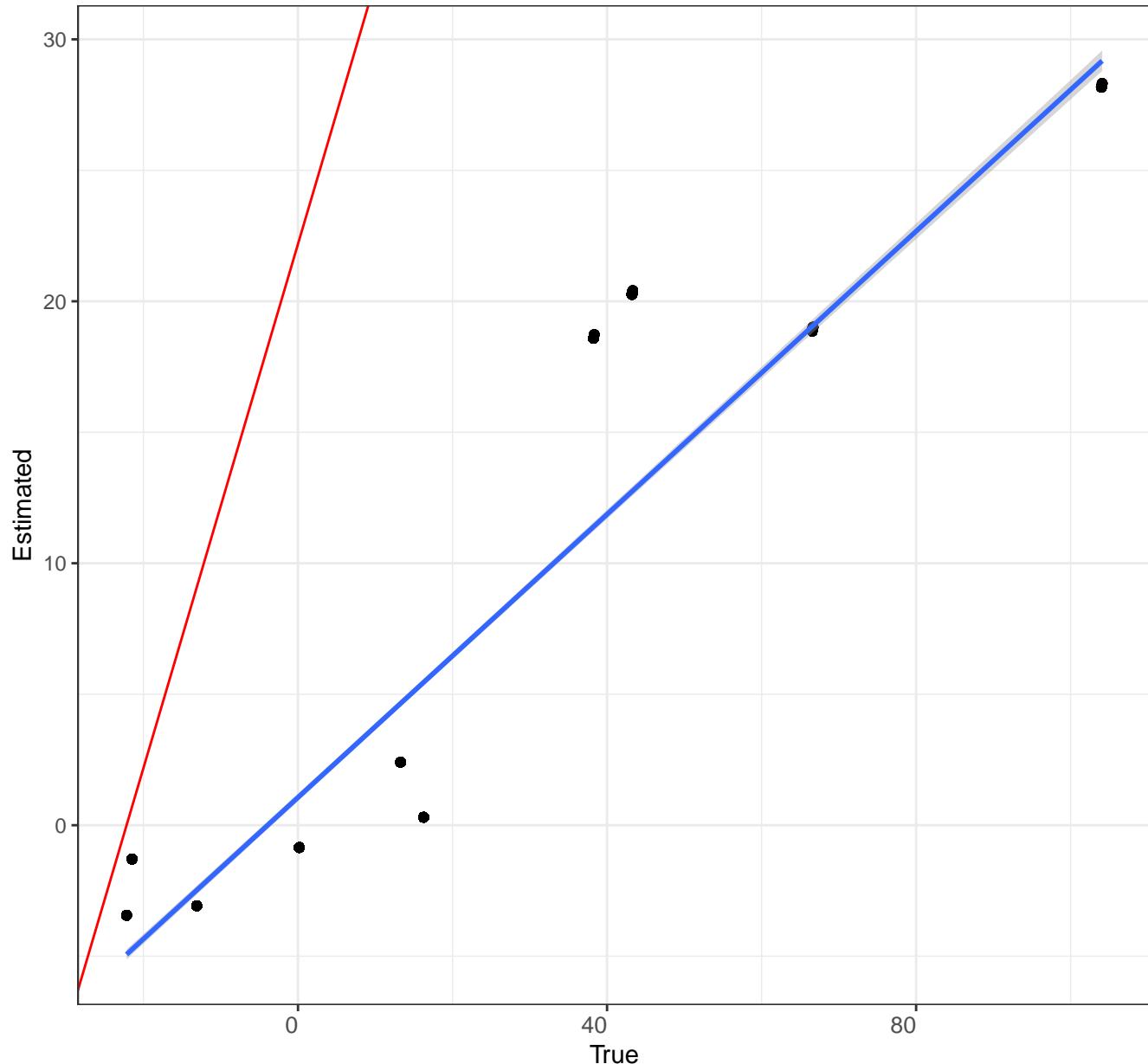
Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=50 ,r=20 true gr K=4 ,type=4 ,N=204 pN=0.181



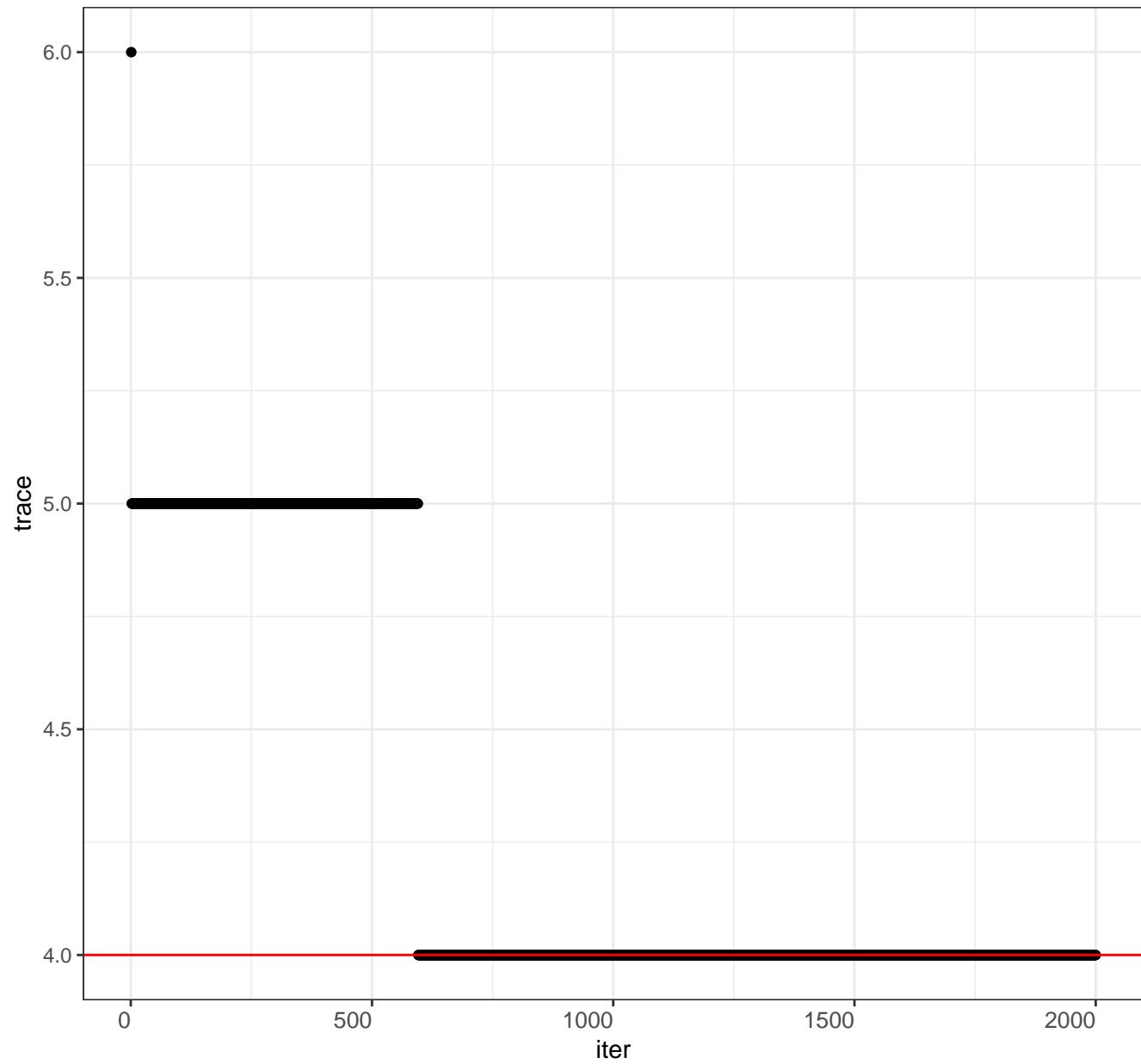
Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 r=20 true K=4 type=4

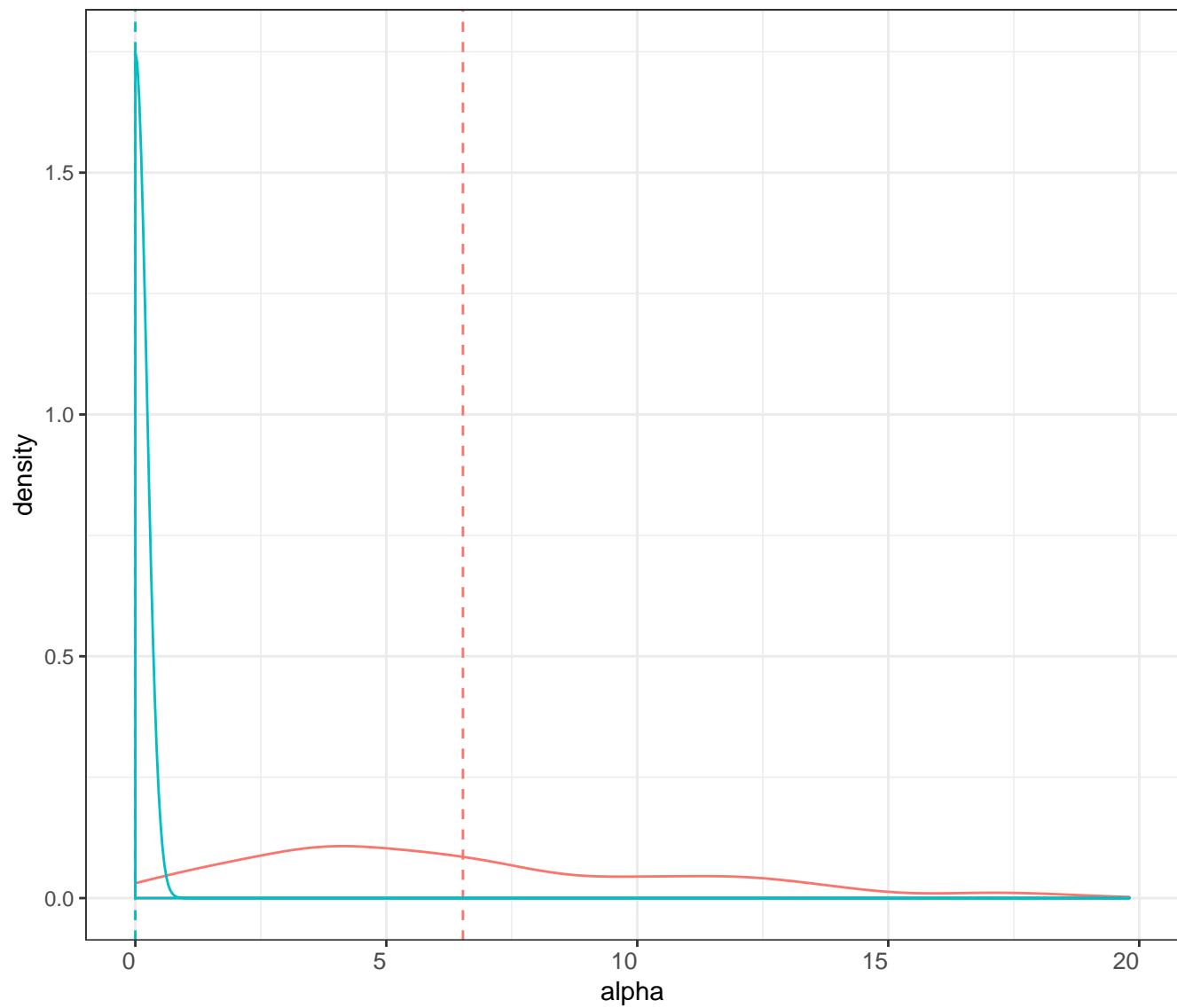
Trace plot for the number of groups K for S=50 r=20 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=50 ,r=20 true gr K=4 ,type=4 ,N=204

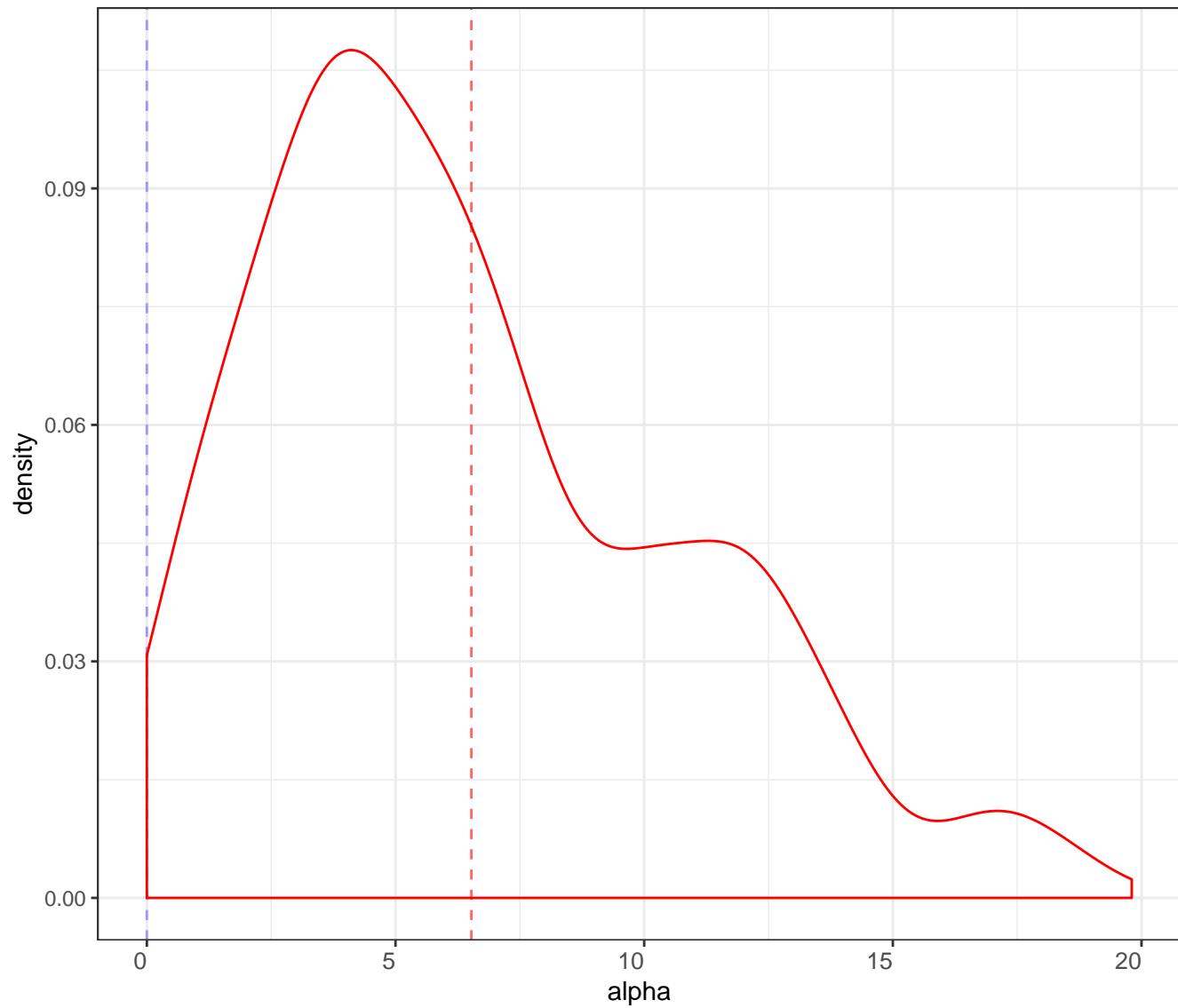
type [] posterior [] prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

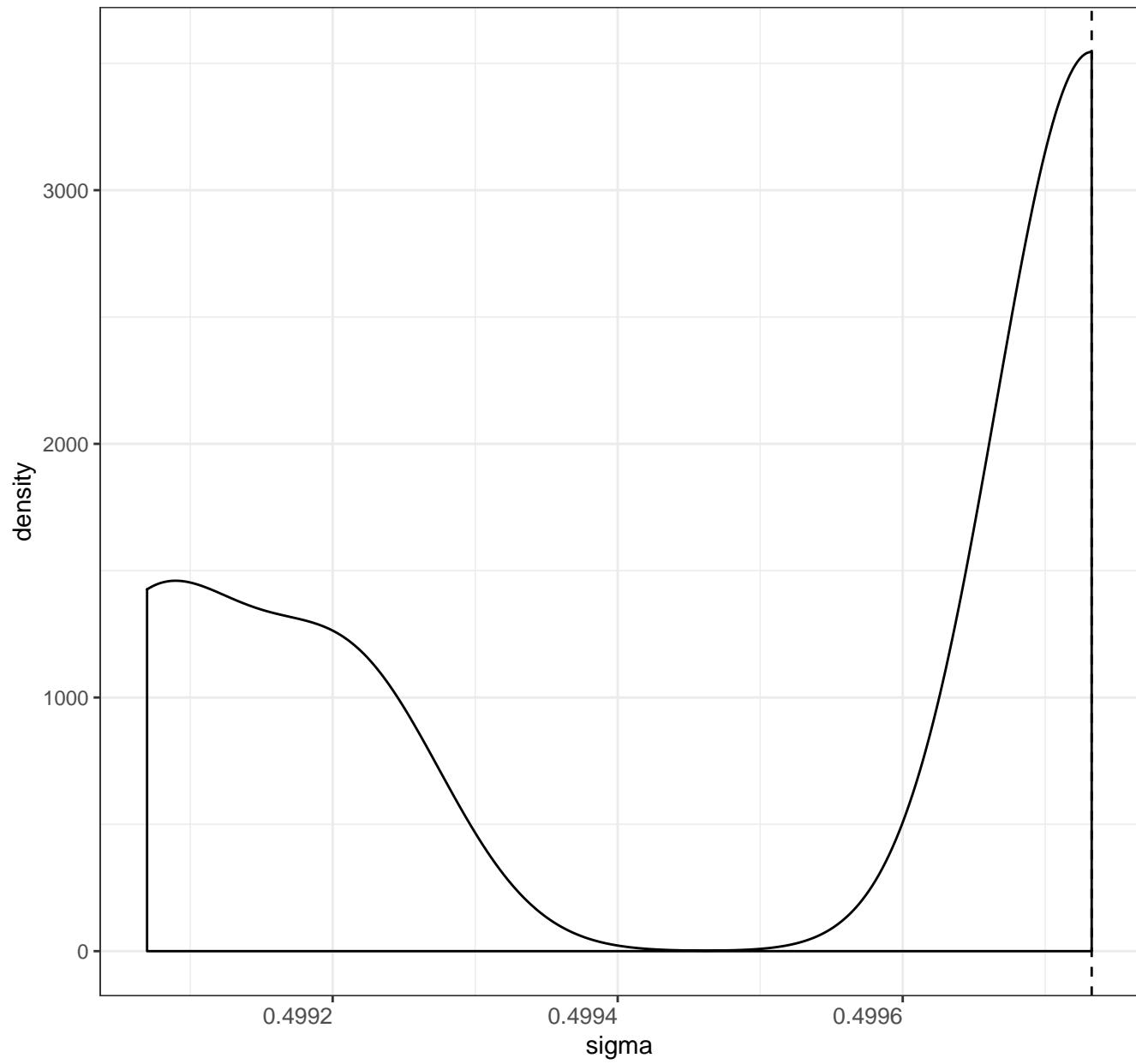
Posterior distribution for alpha

Legend | posterior mean | prior mean



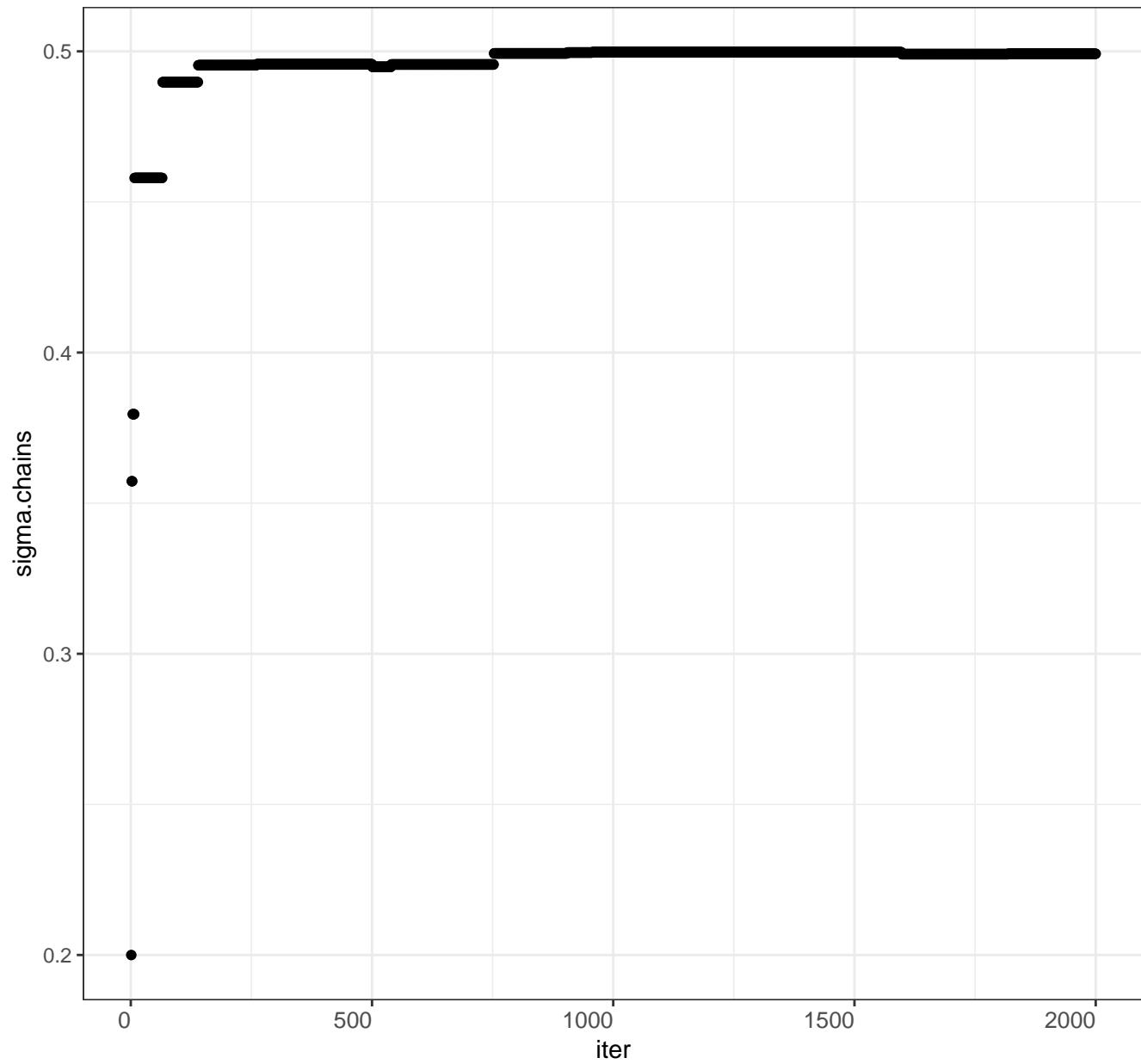
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=20 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=50 ,r=20 true gr K=4 ,type=4 ,N=204



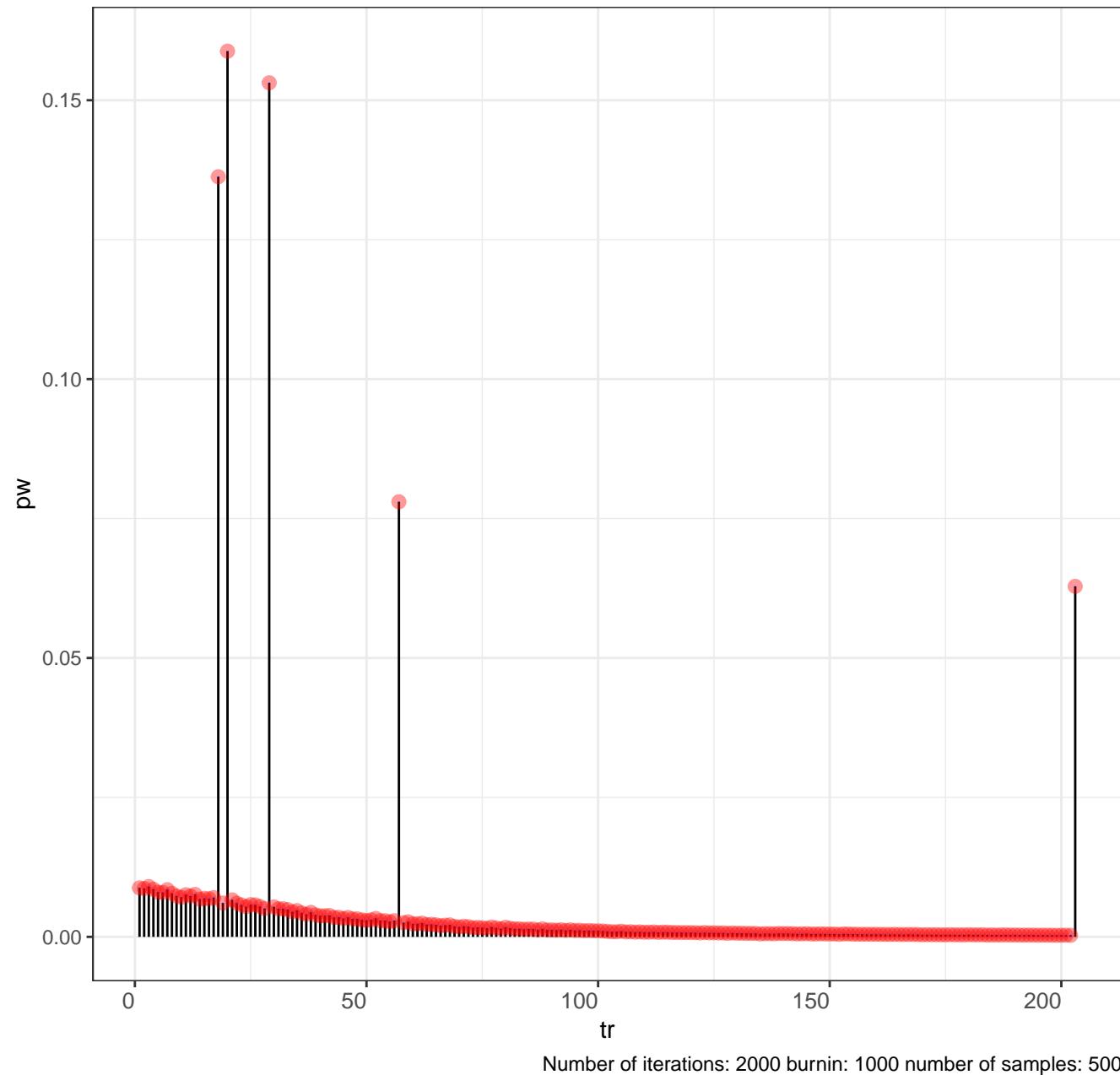
Number of iterations: 2000 burnin: 1000 number of samples: 500

Trace plot for the sigma for S=50 r=20 true K=4 type=4

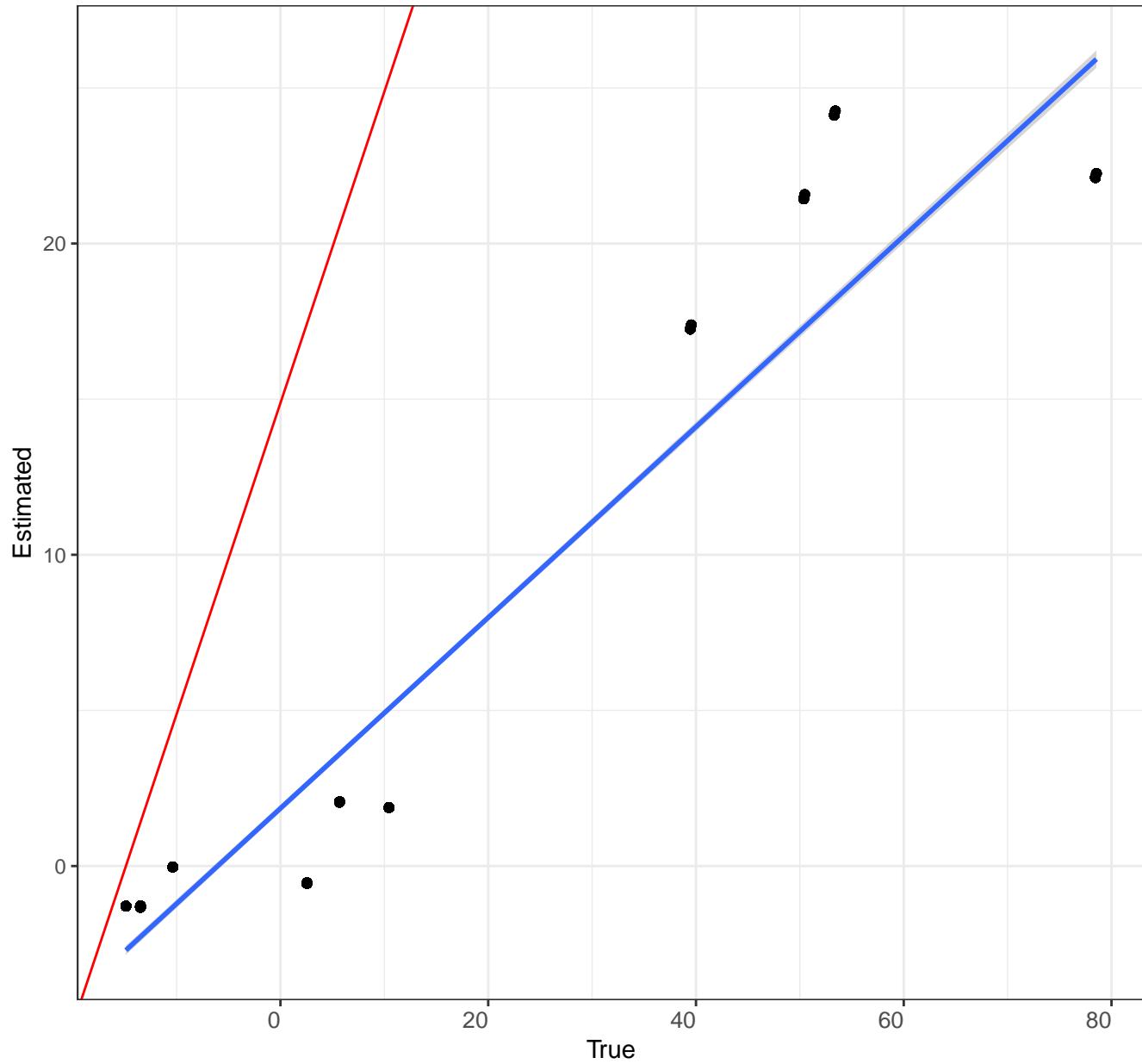


Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=50 ,r=20 true gr K=4 ,type=4 ,N=204 pN=0.063

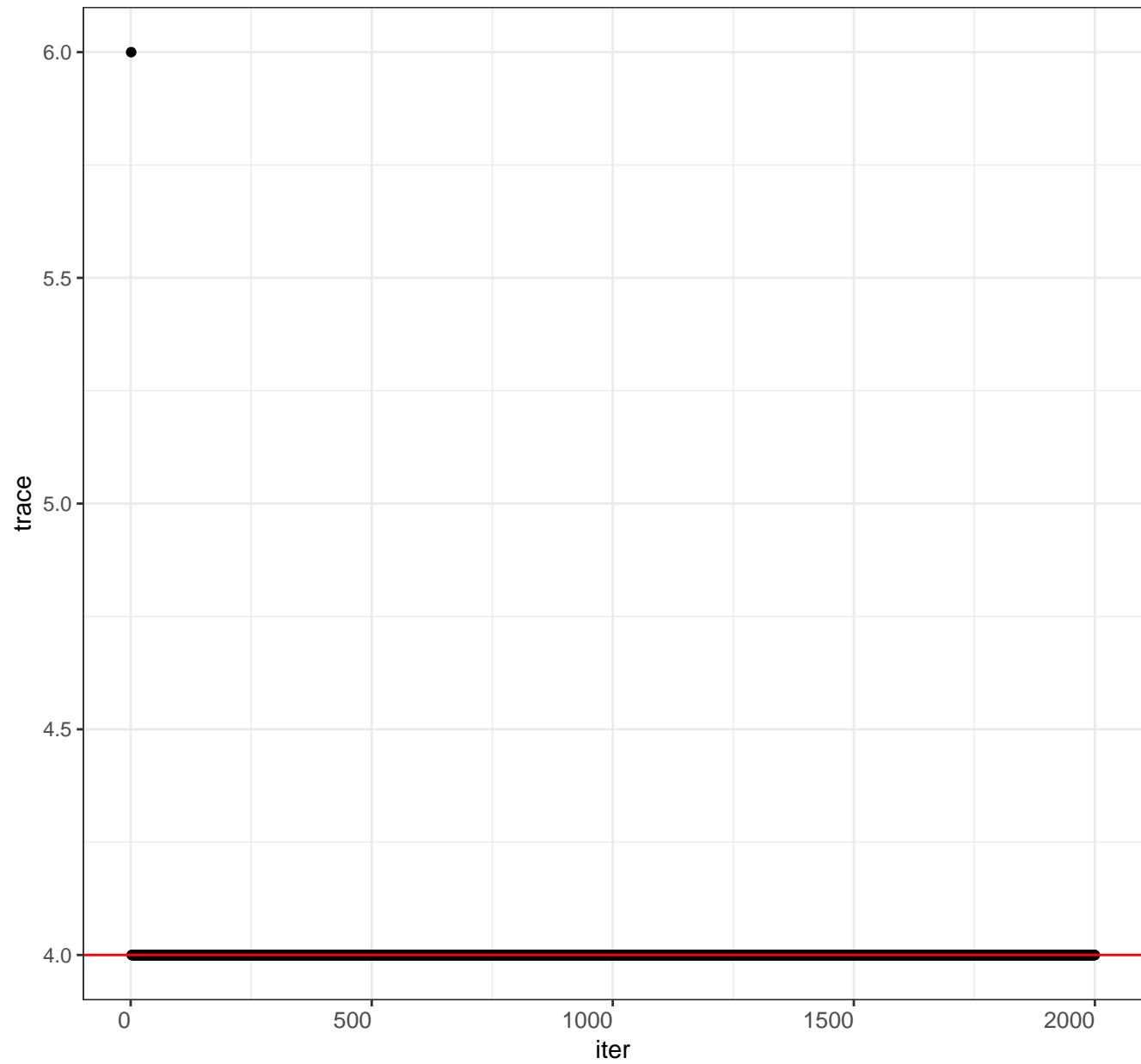


True vs estimated covariance parameters



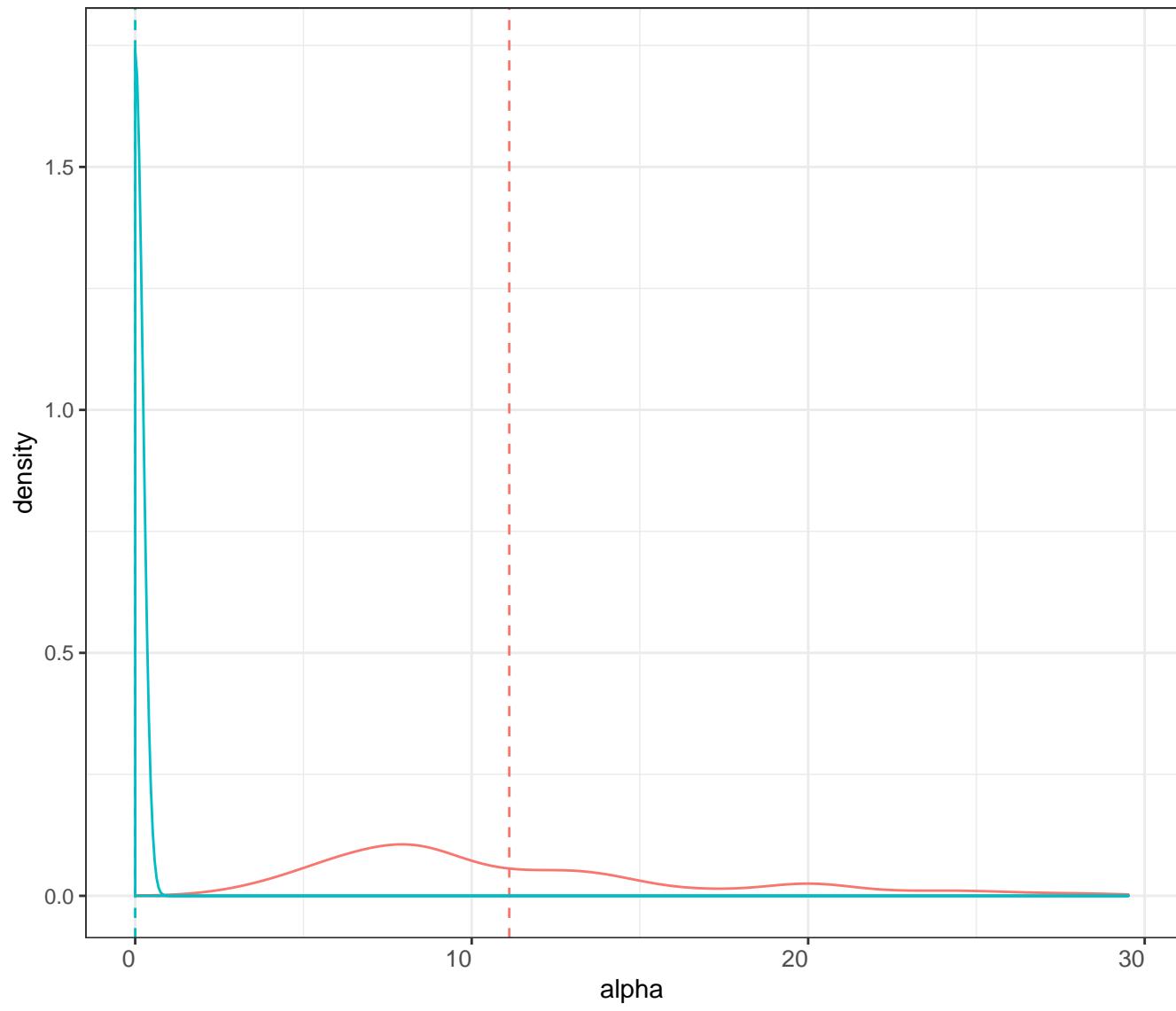
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 r=20 true K=4 type=4

Trace plot for the number of groups K for S=50 r=20 true K=4 type=4



Distribution alpha: S=50 ,r=20 true gr K=4 ,type=4 ,N=204

type [] posterior [] prior



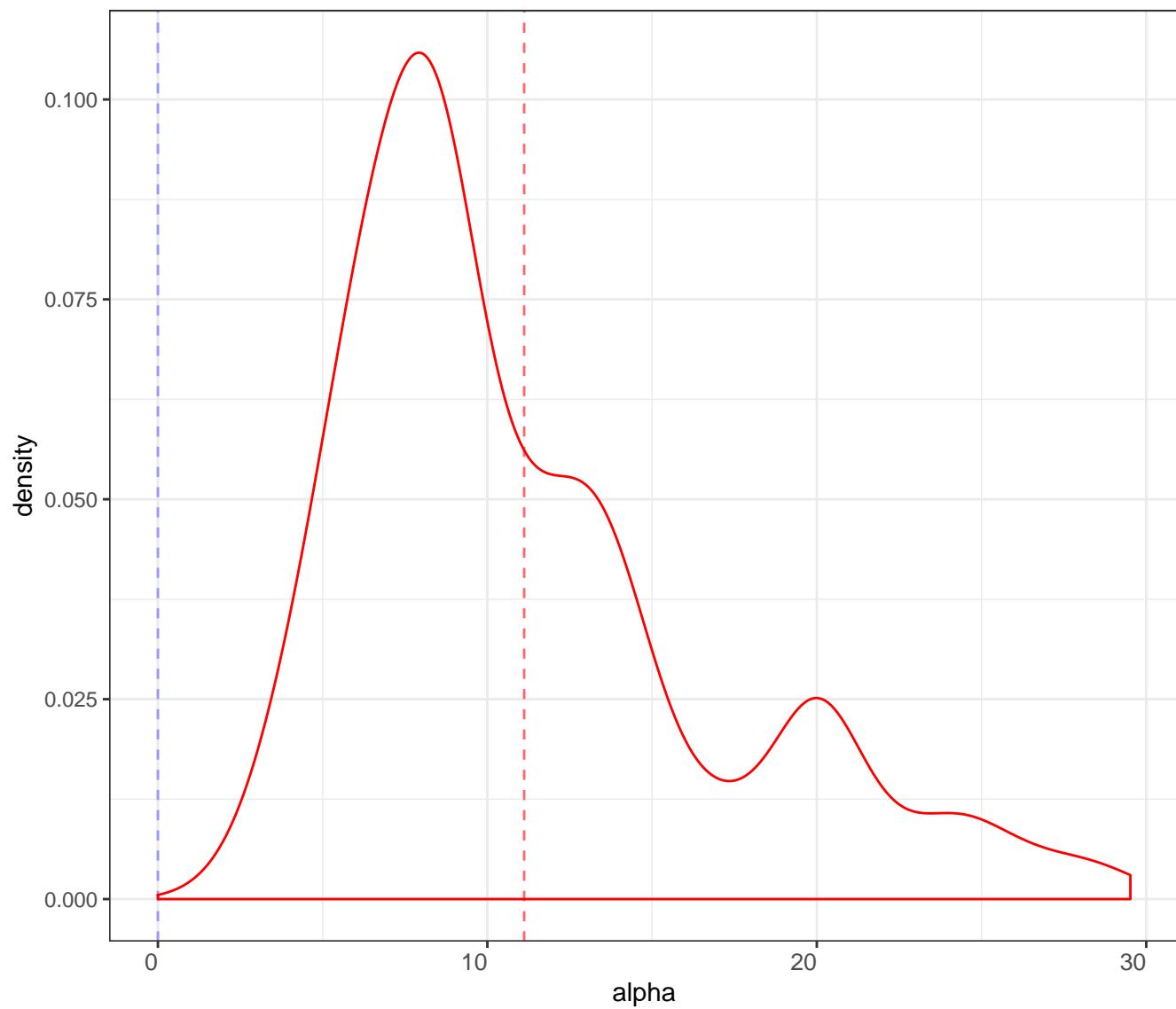
Number of iterations: 2000 burnin: 1000 number of samples: 500

Posterior distribution for alpha

Legend

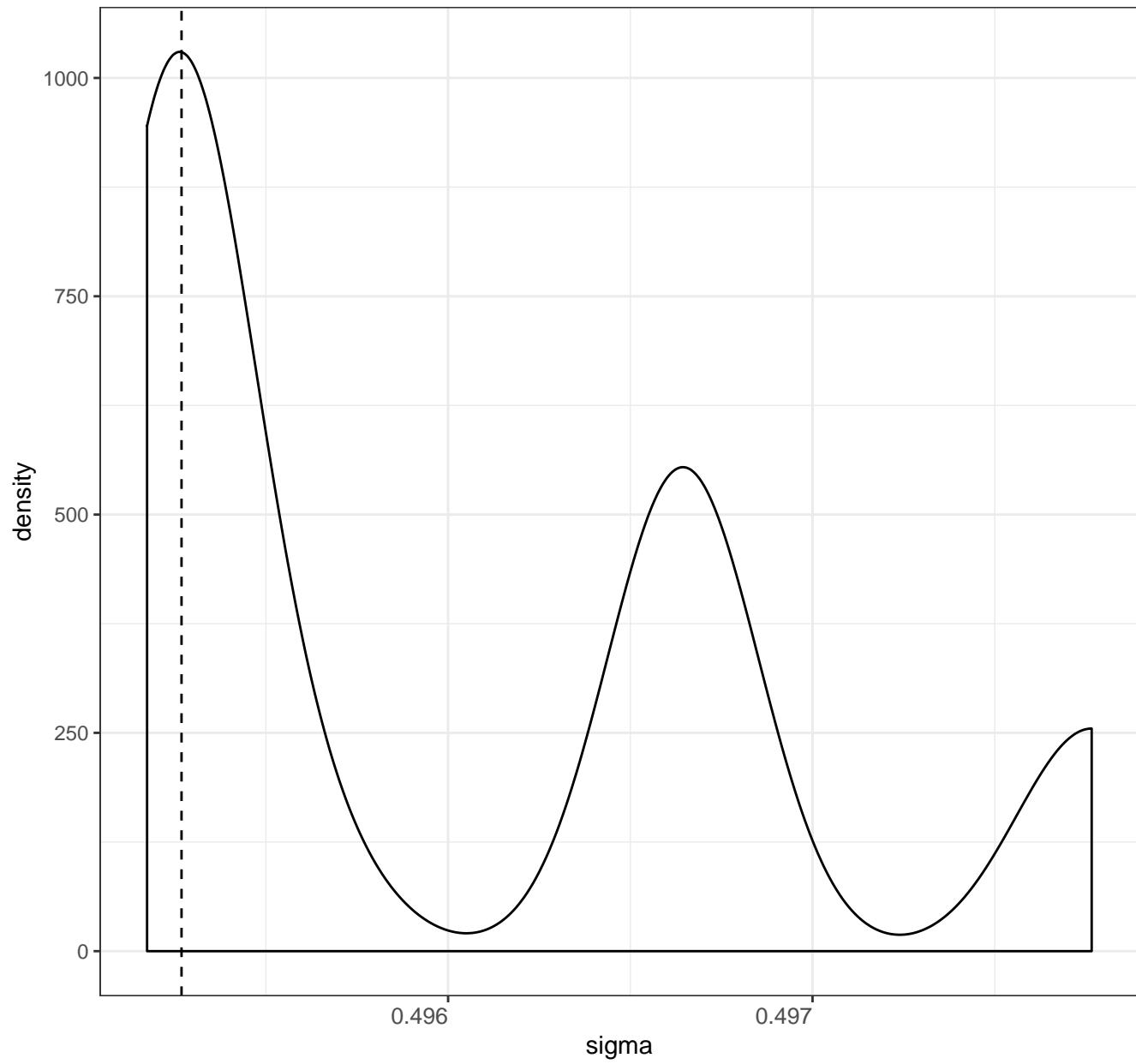
posterior mean

prior mean



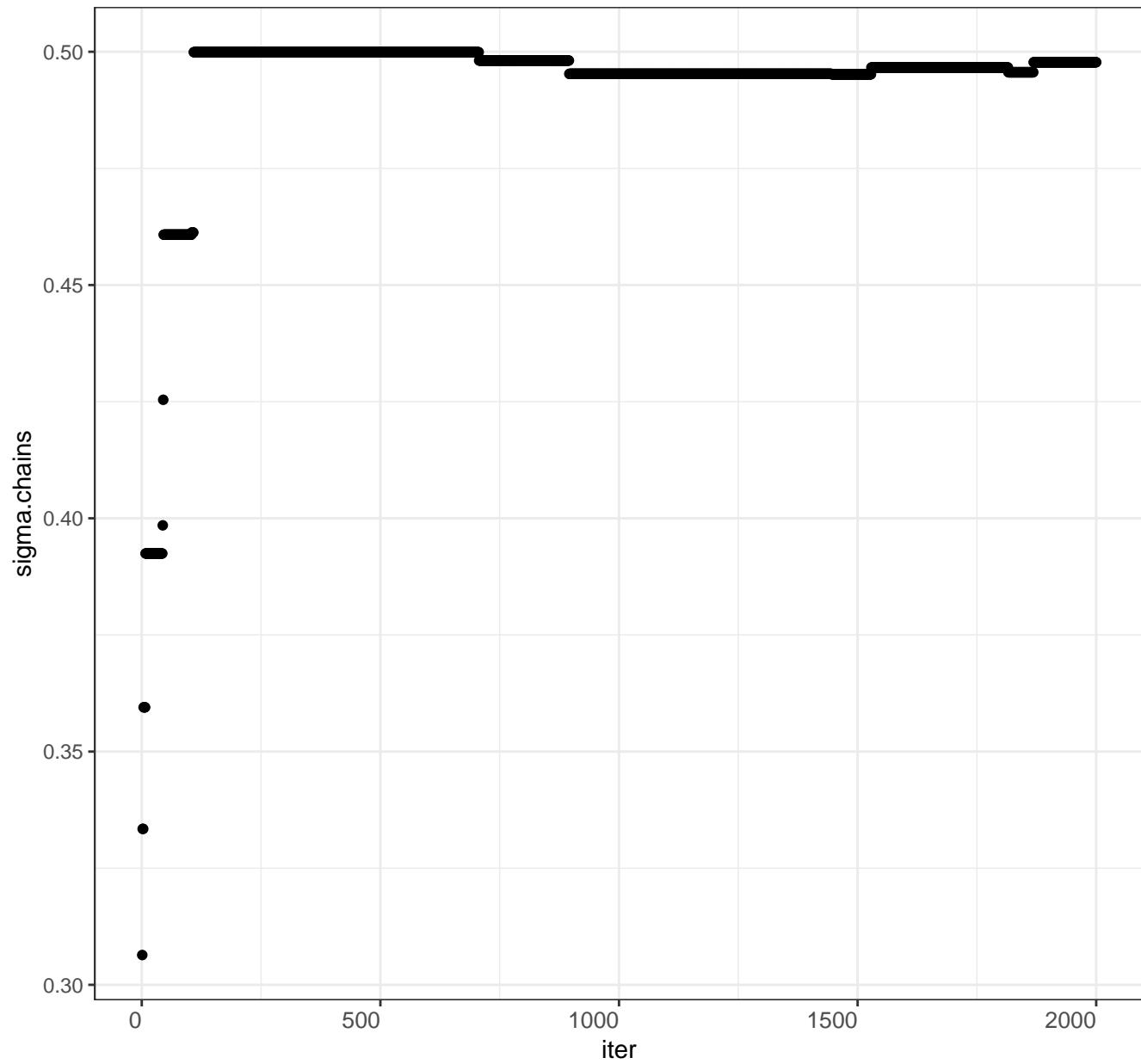
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=20 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=50 ,r=20 true gr K=4 ,type=4 ,N=204



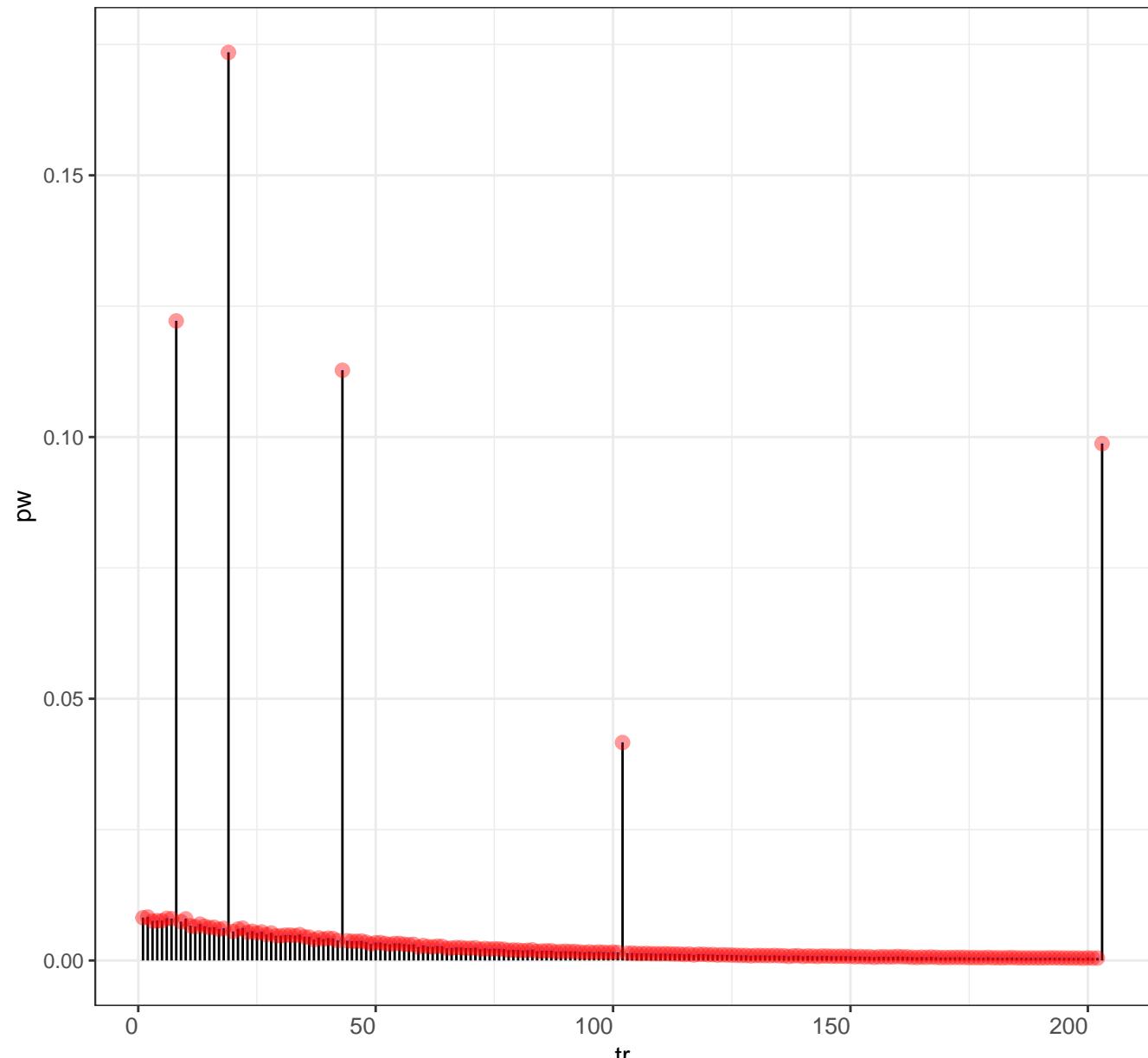
Number of iterations: 2000 burnin: 1000 number of samples: 500

Trace plot for the sigma for S=50 r=20 true K=4 type=4



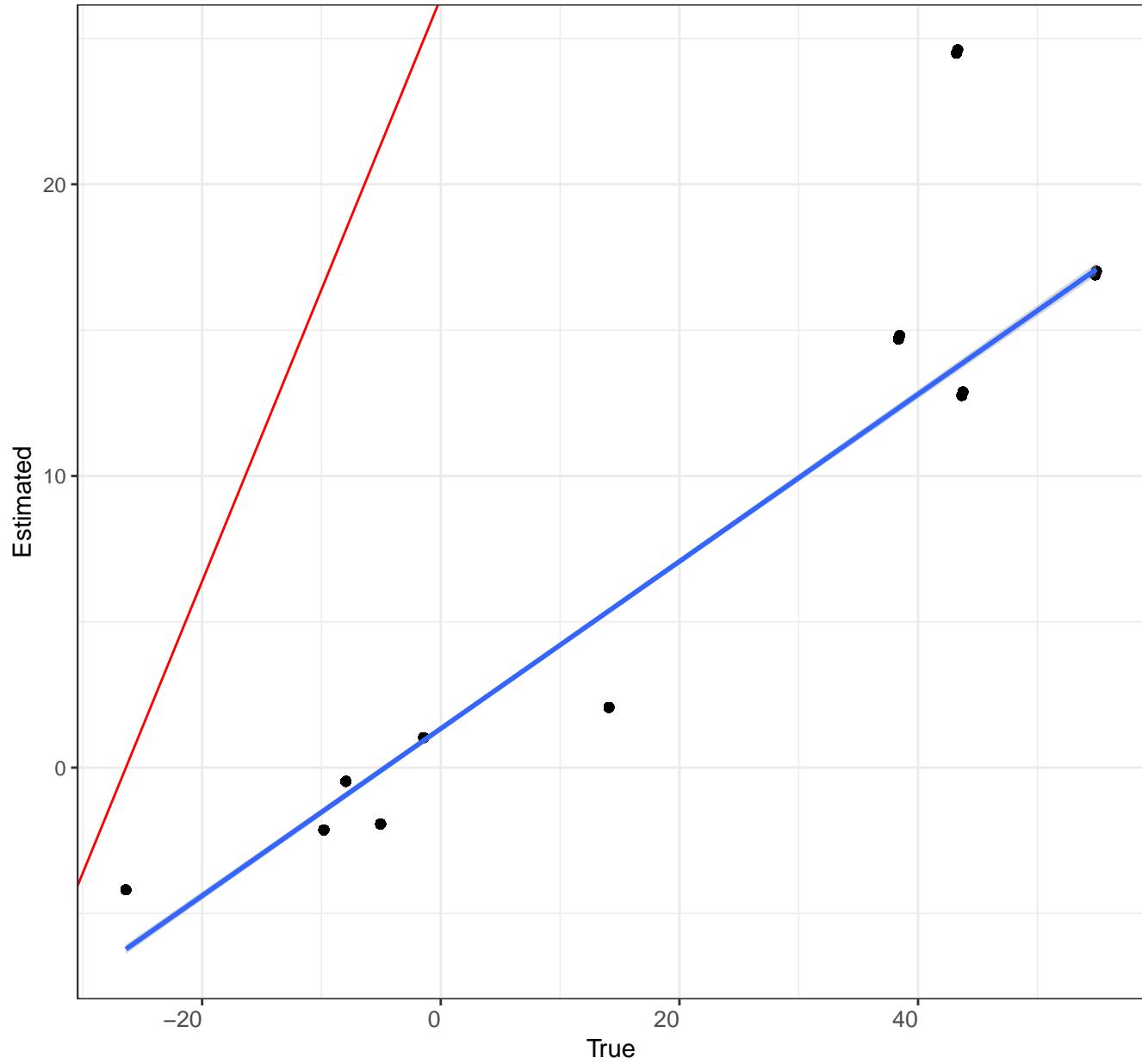
Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=50 ,r=20 true gr K=4 ,type=4 ,N=204 pN=0.099



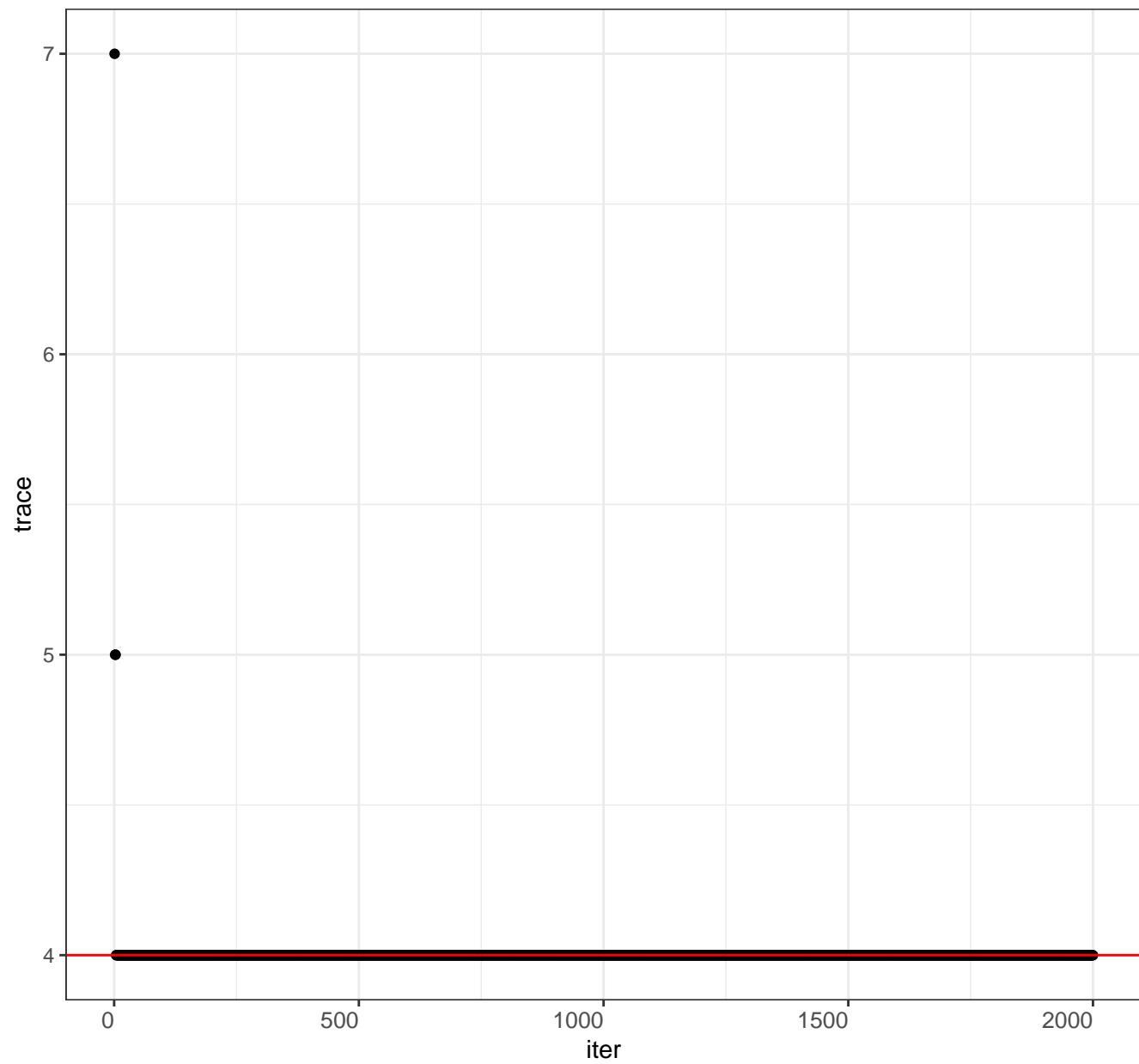
Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 r=20 true K=4 type=4

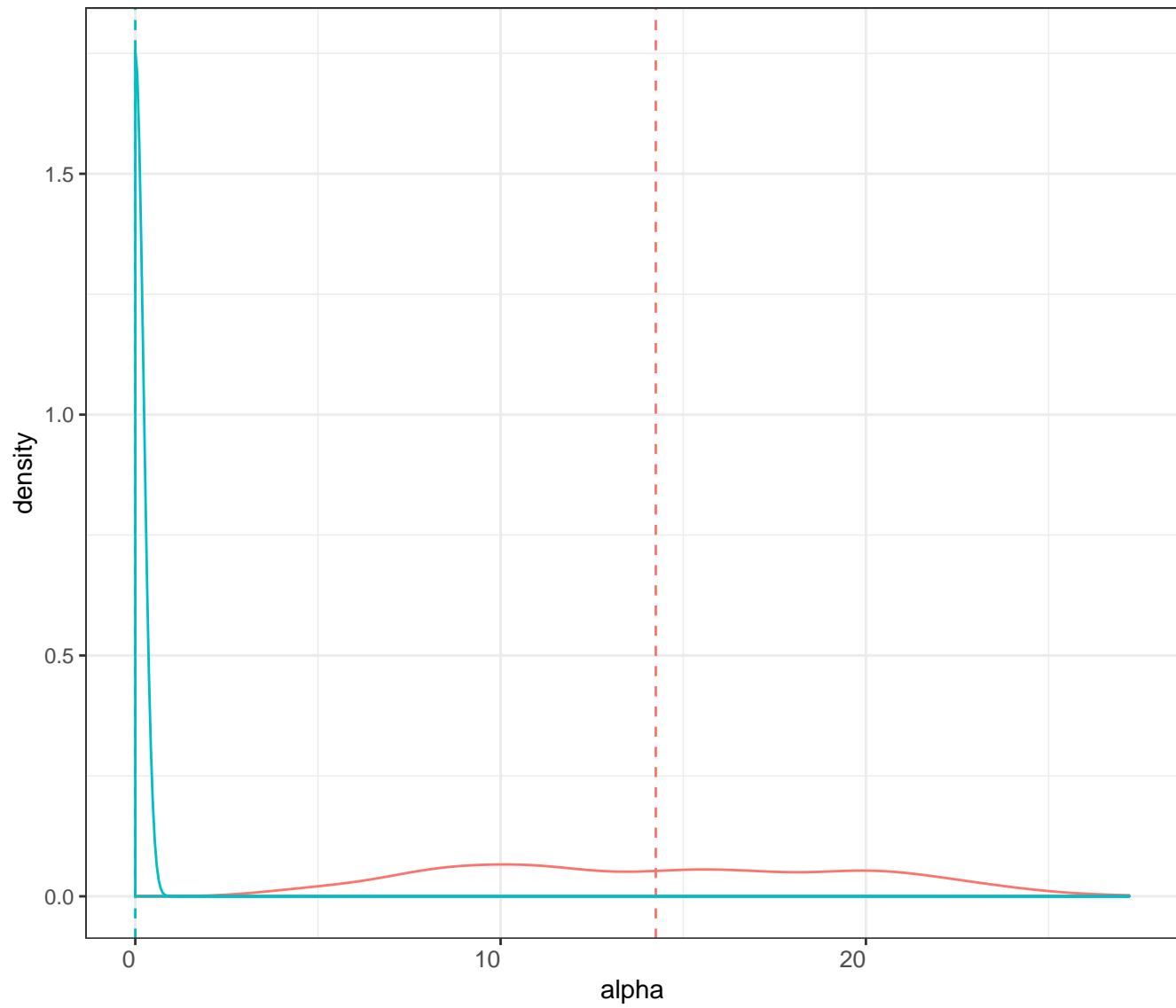
Trace plot for the number of groups K for S=50 r=20 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=50 ,r=20 true gr K=4 ,type=4 ,N=204

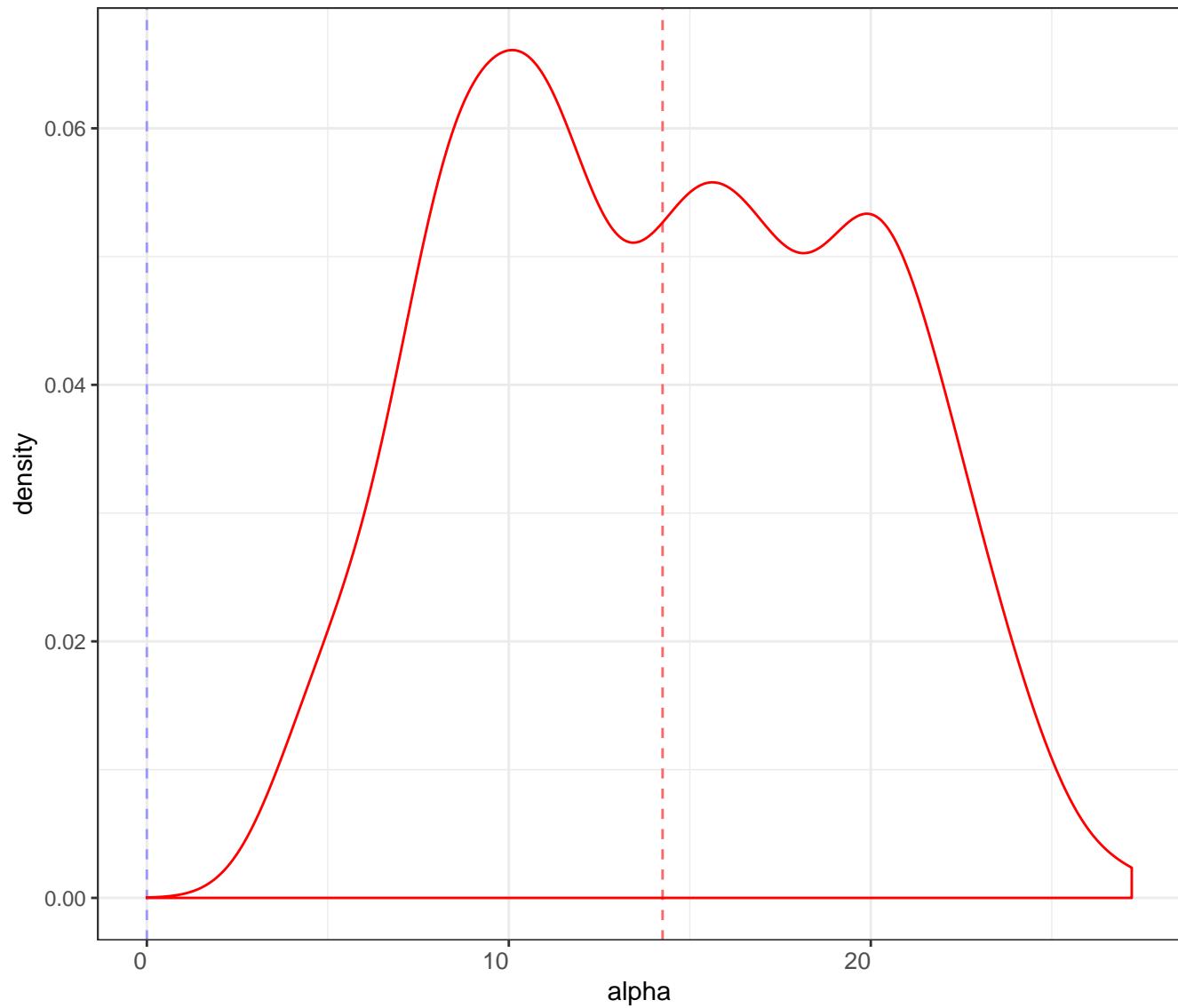
type [] posterior [] prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

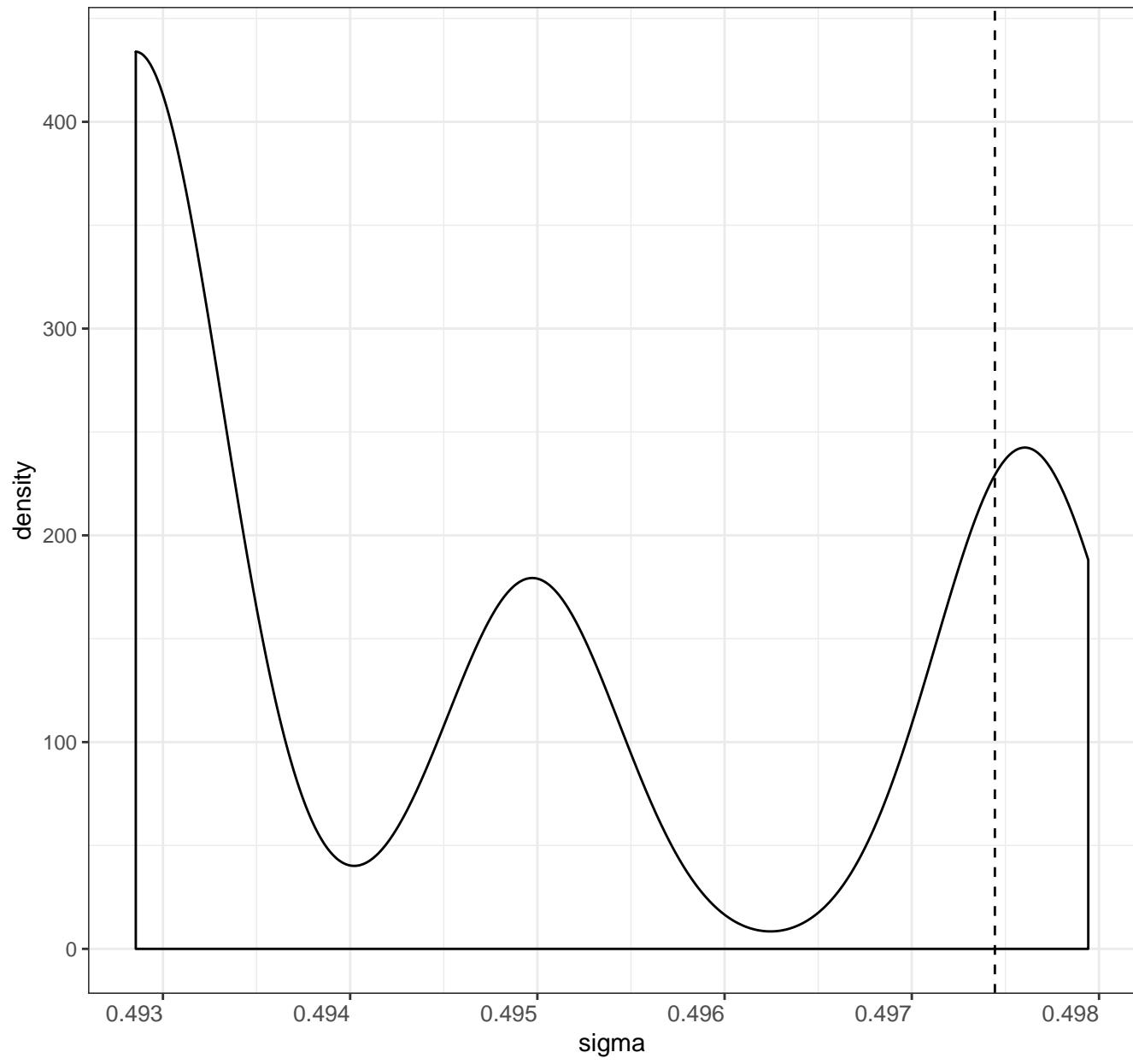
Posterior distribution for alpha

Legend | posterior mean | prior mean

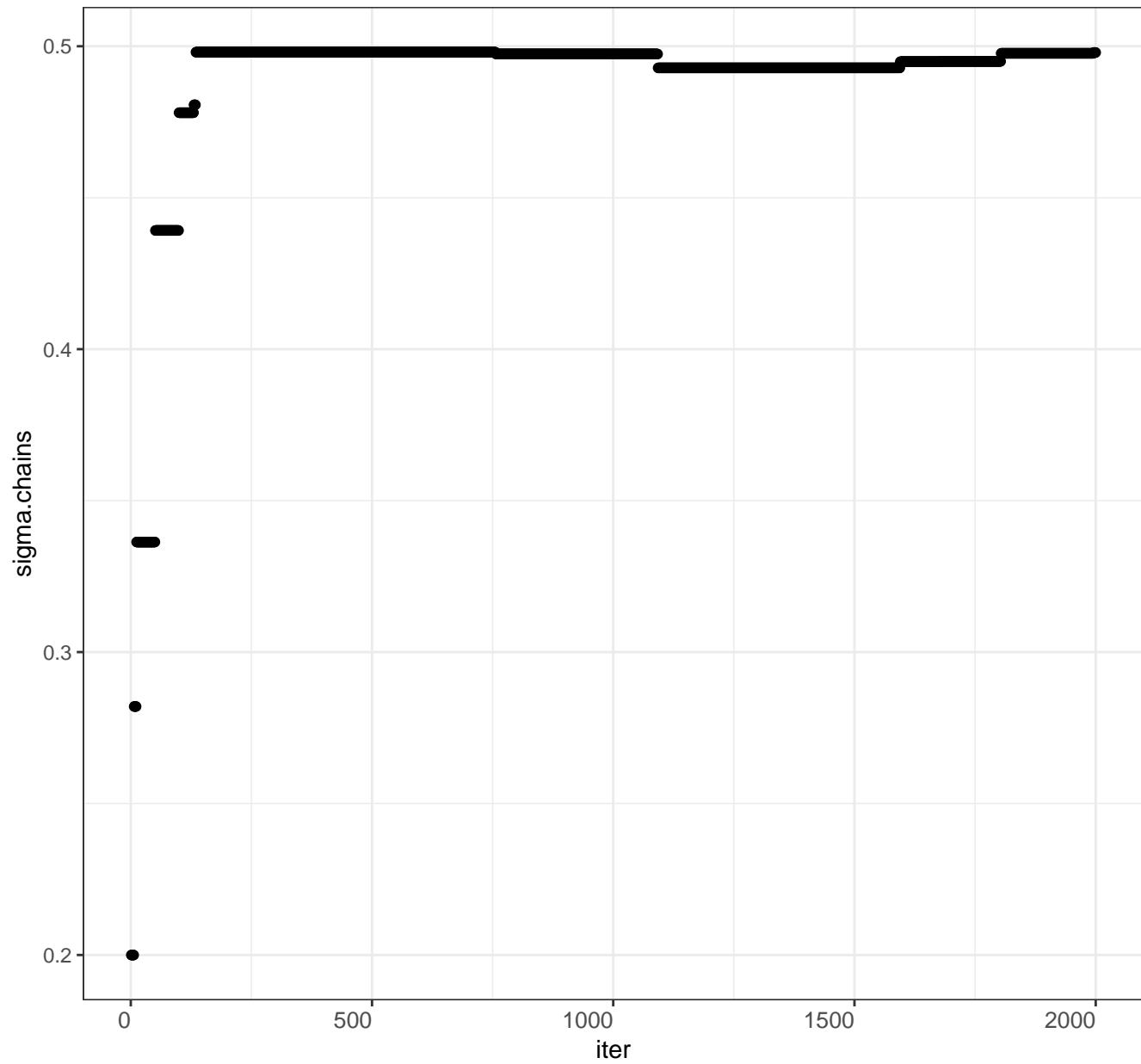


Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=20 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=50 ,r=20 true gr K=4 ,type=4 ,N=204

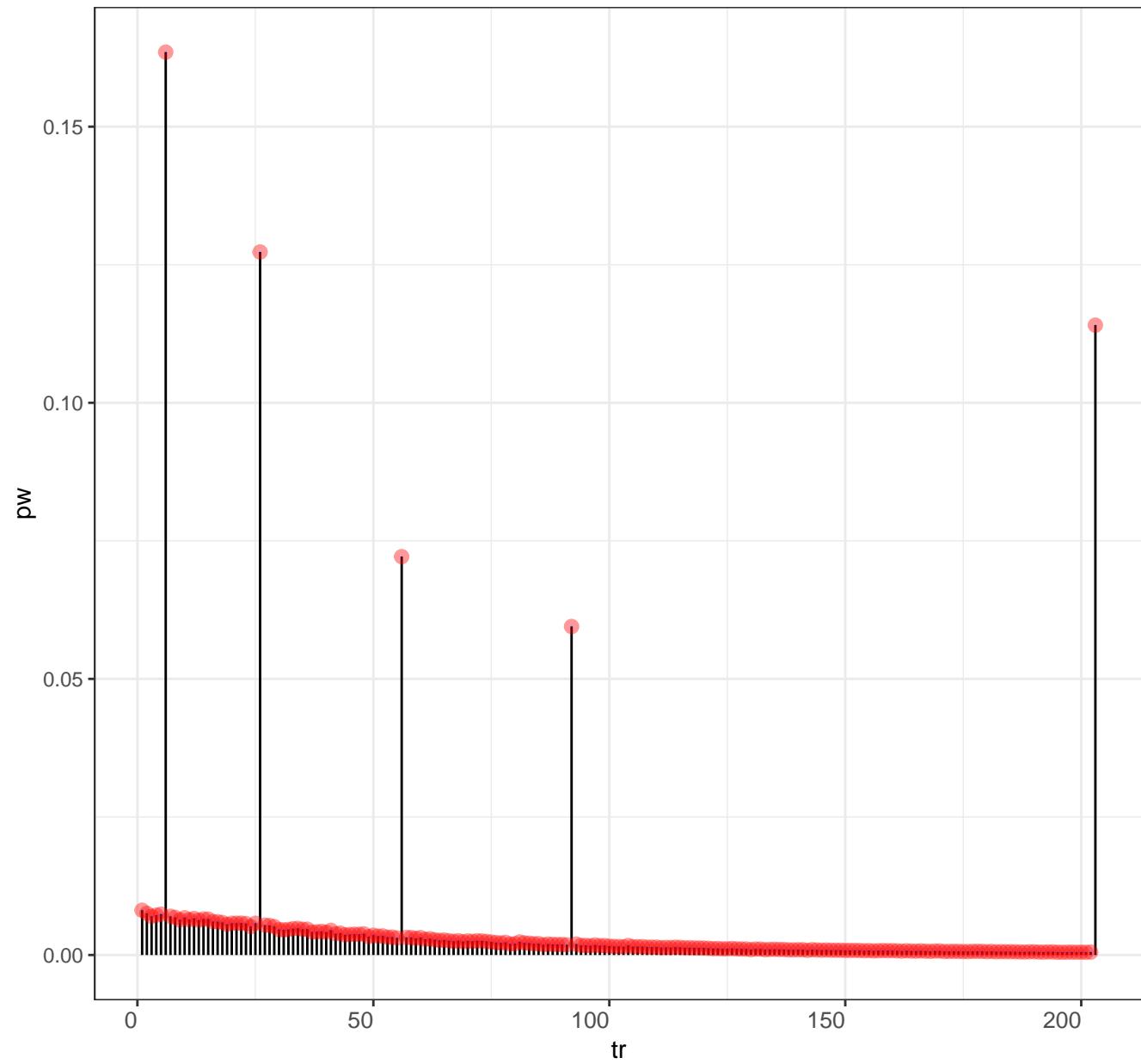


Trace plot for the sigma for S=50 r=20 true K=4 type=4

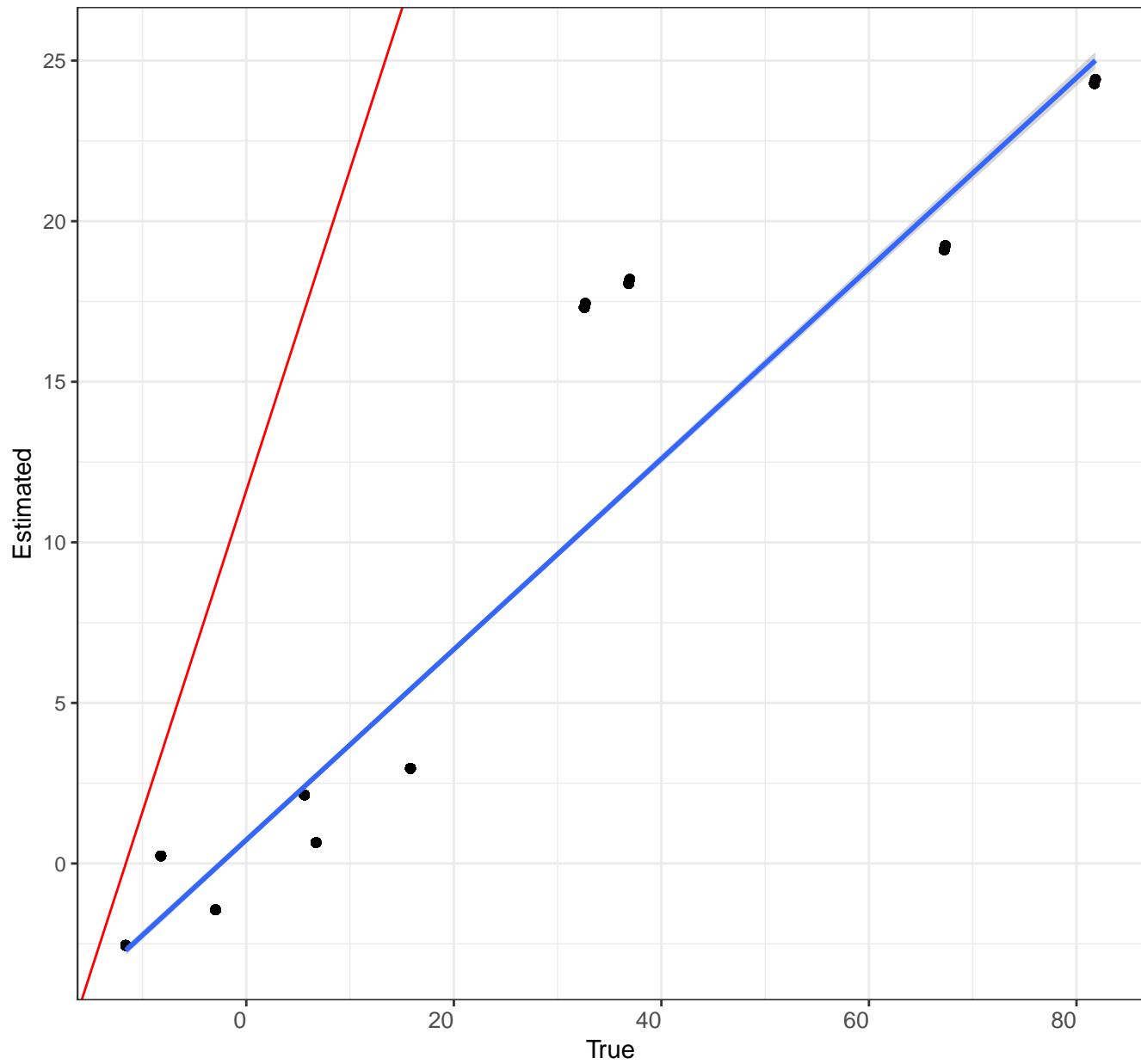


Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=50 ,r=20 true gr K=4 ,type=4 ,N=204 pN=0.114

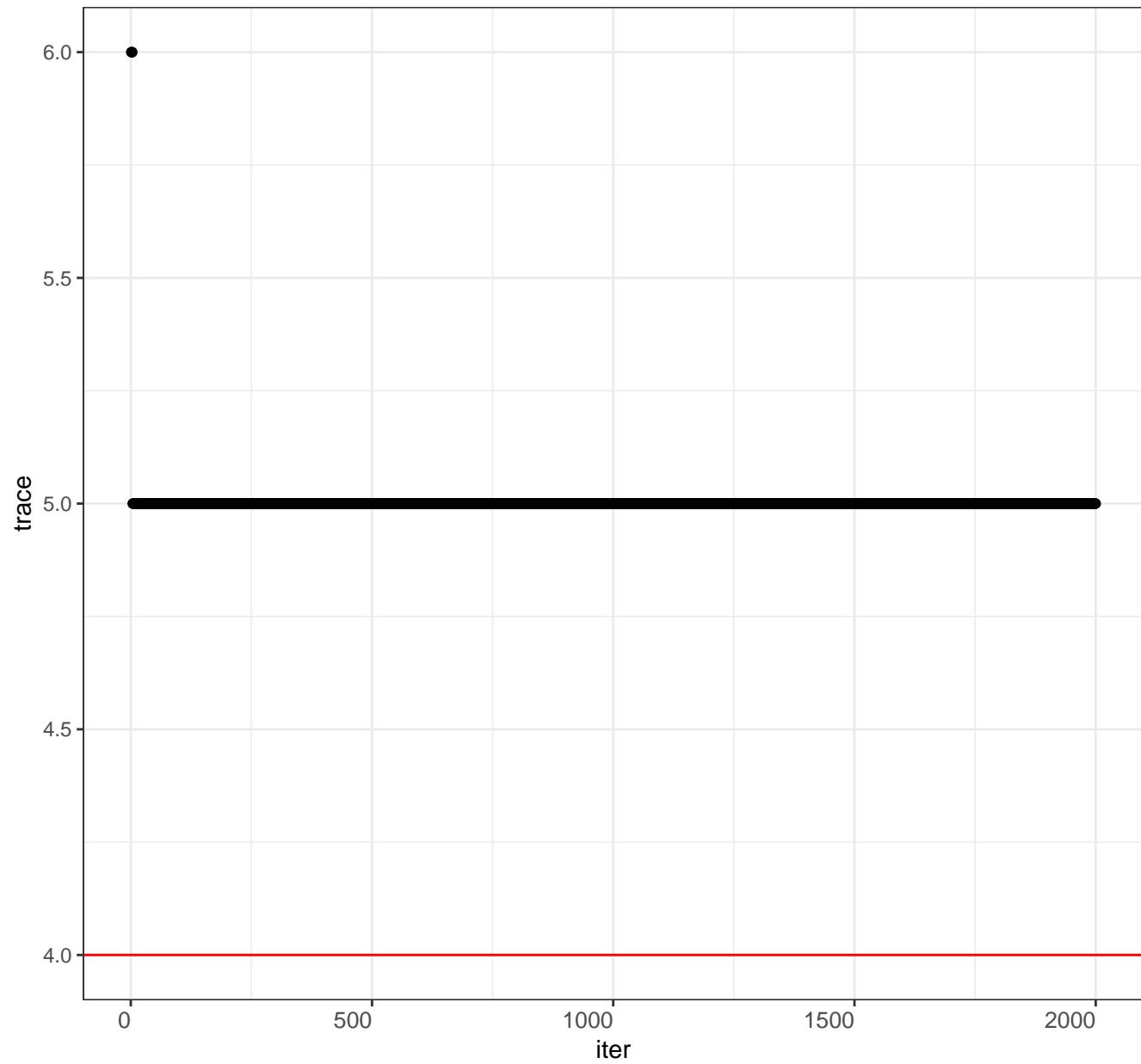


True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 r=20 true K=4 type=4

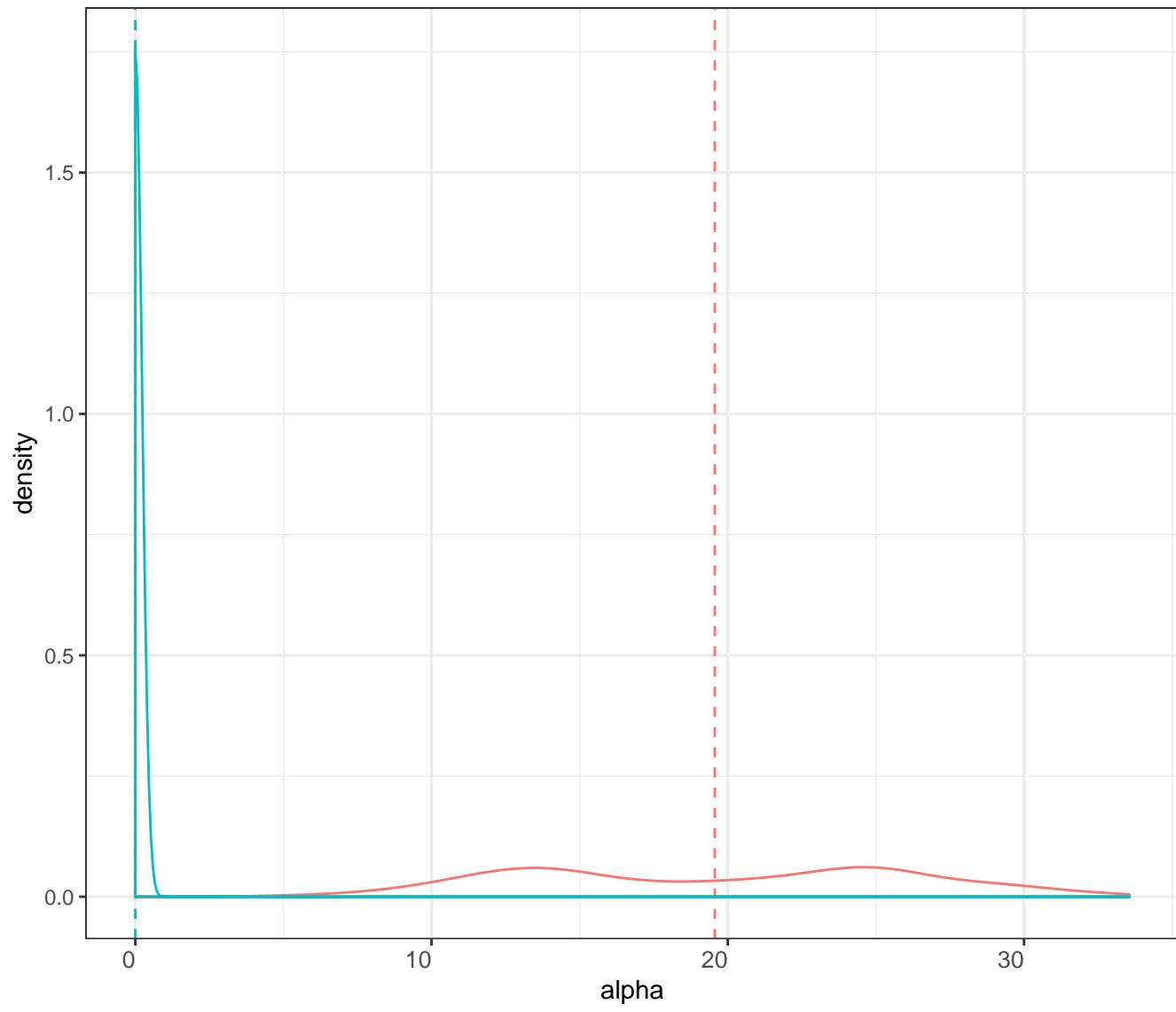
Trace plot for the number of groups K for S=50 r=20 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=50 ,r=20 true gr K=4 ,type=4 ,N=204

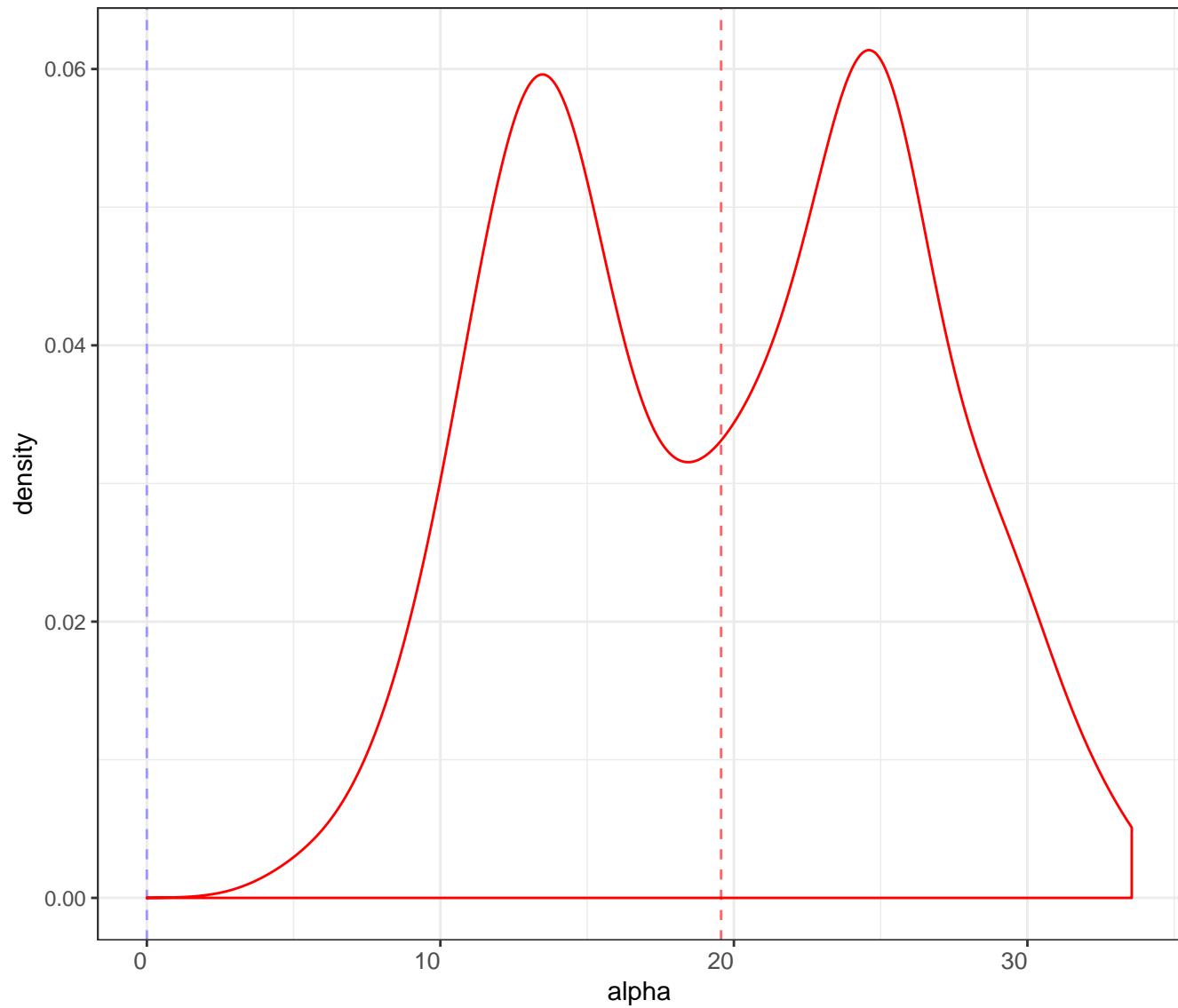
type | posterior | prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

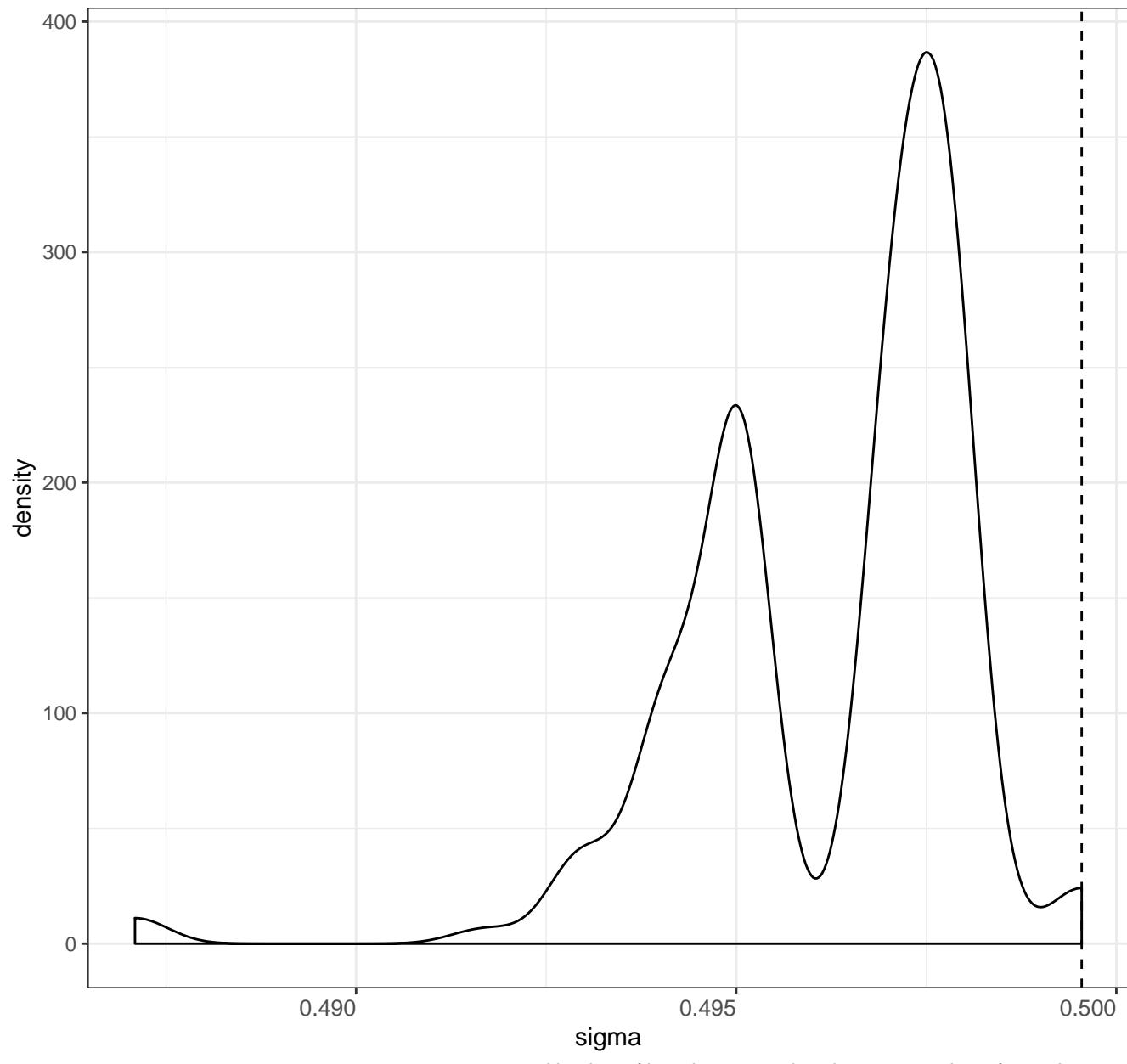
Posterior distribution for alpha

Legend | posterior mean | prior mean

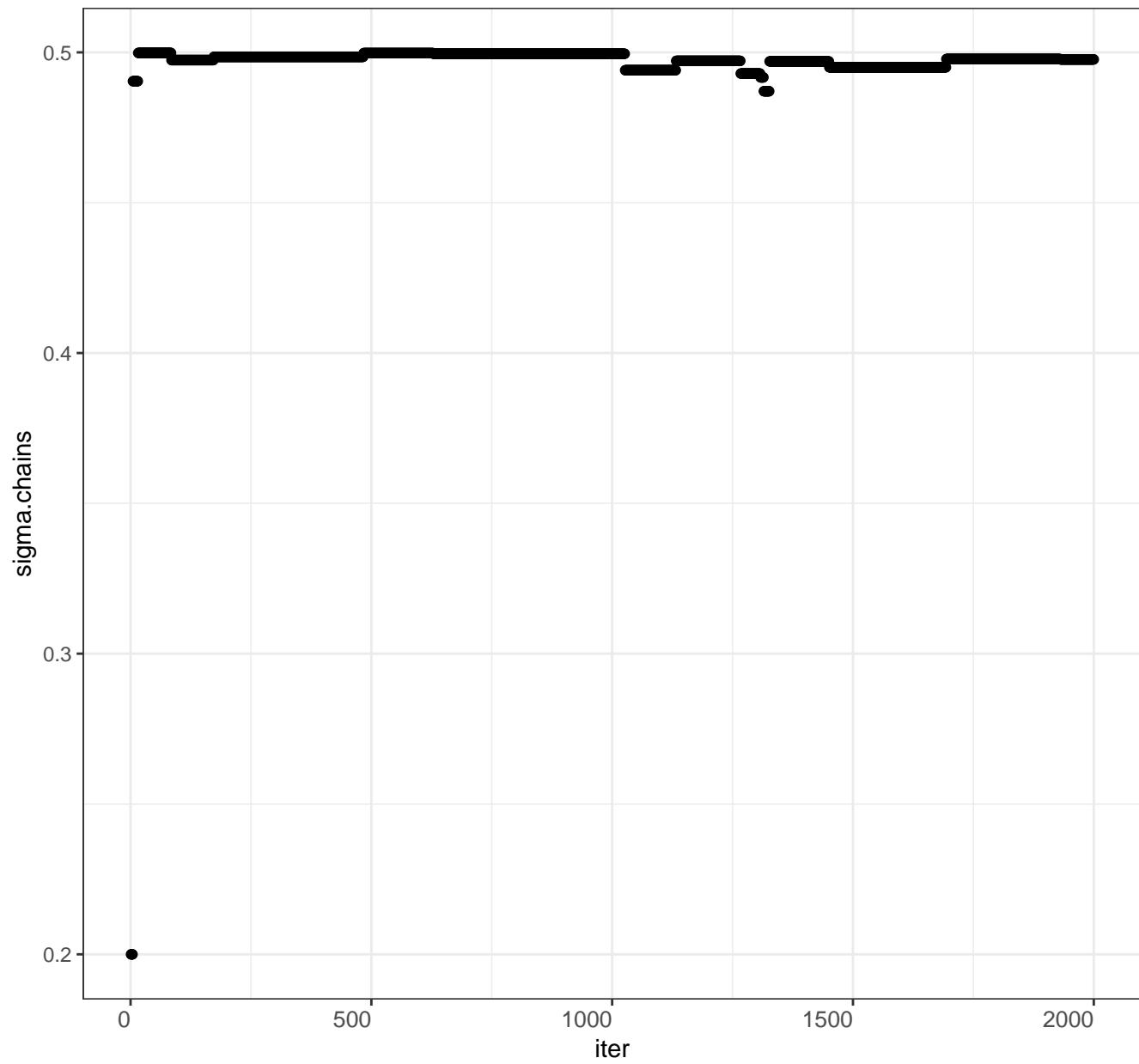


Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=20 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=50 ,r=20 true gr K=4 ,type=4 ,N=204

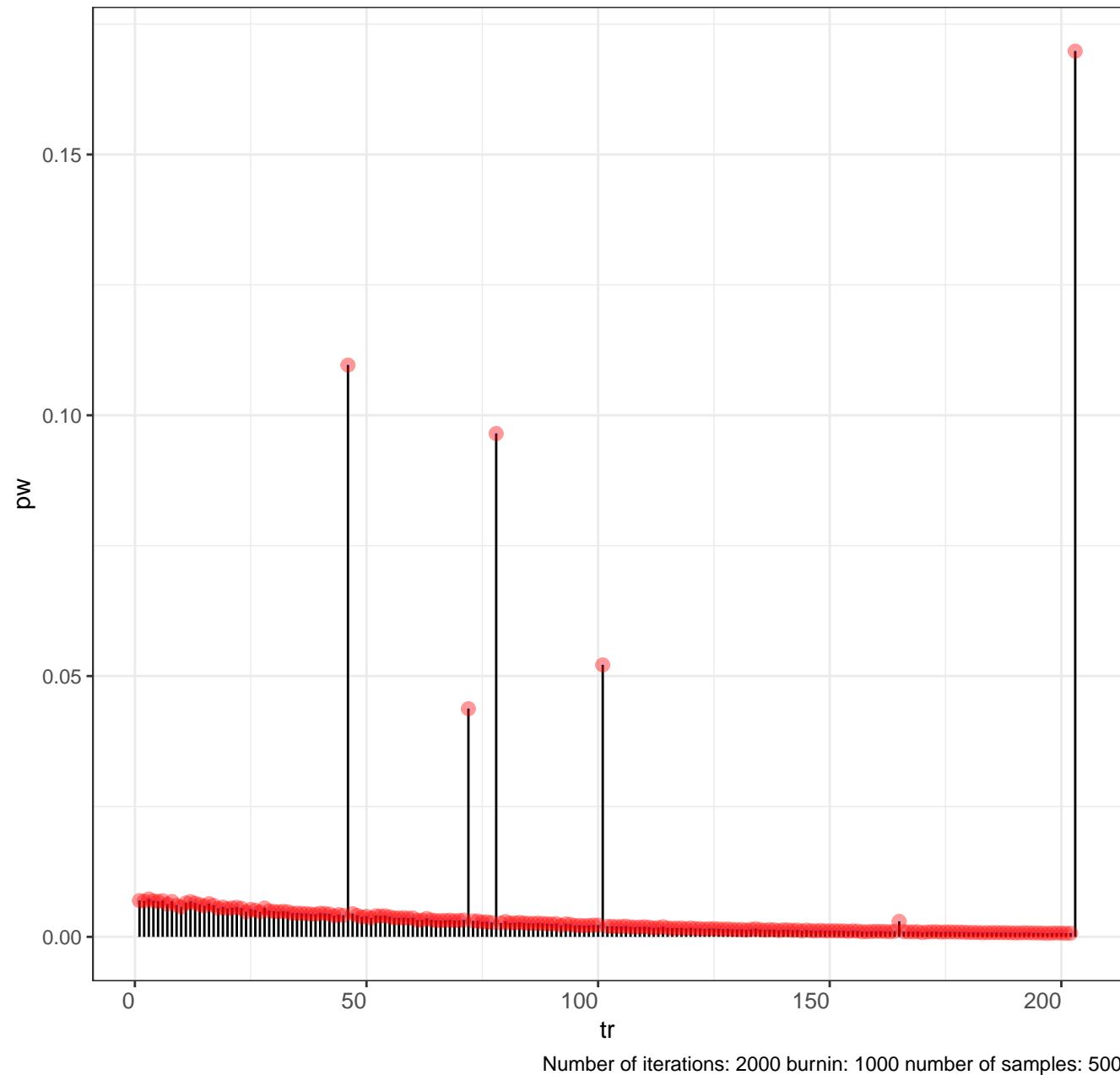


Trace plot for the sigma for S=50 r=20 true K=4 type=4

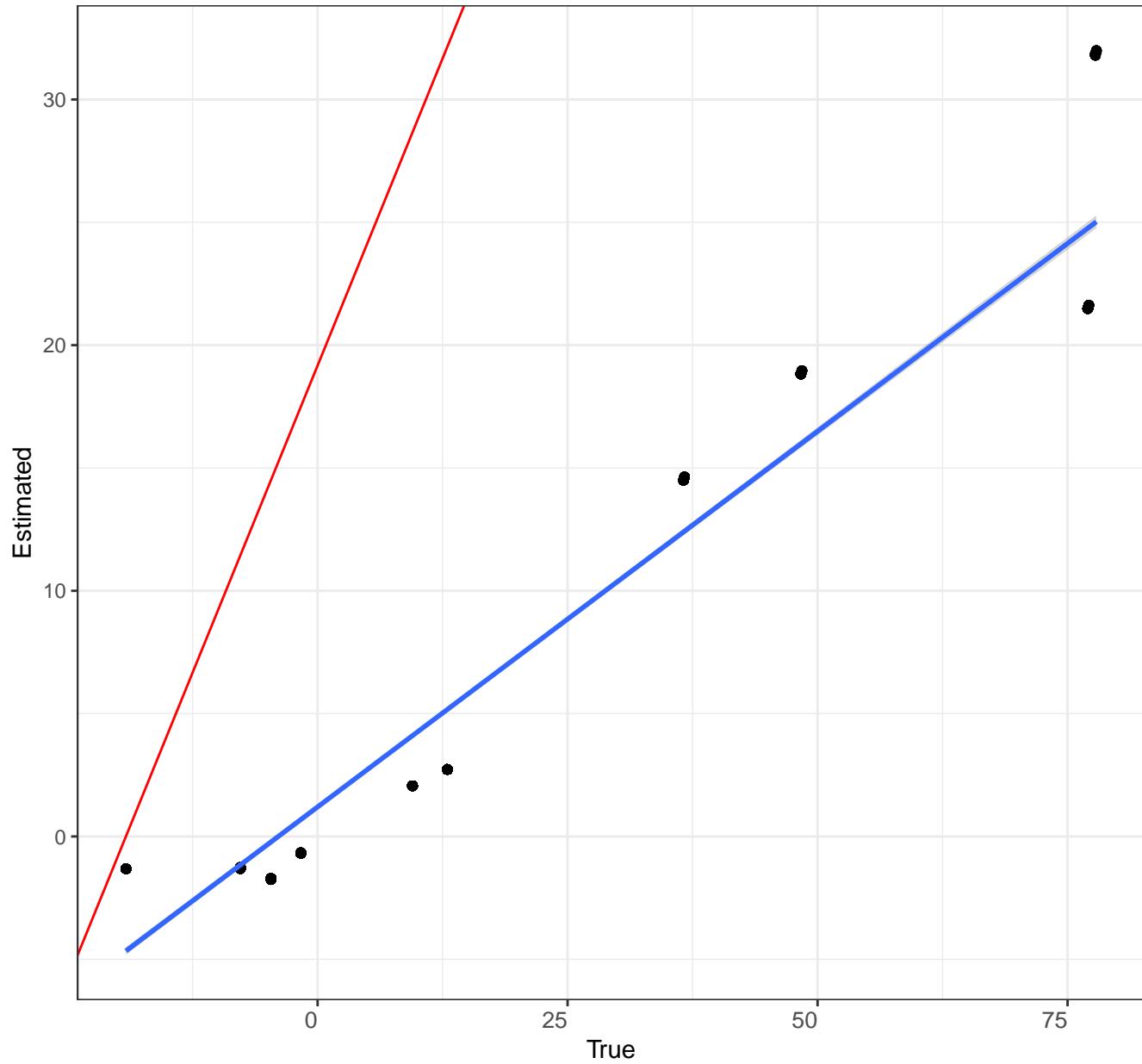


Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=50 ,r=20 true gr K=4 ,type=4 ,N=204 pN=0.17

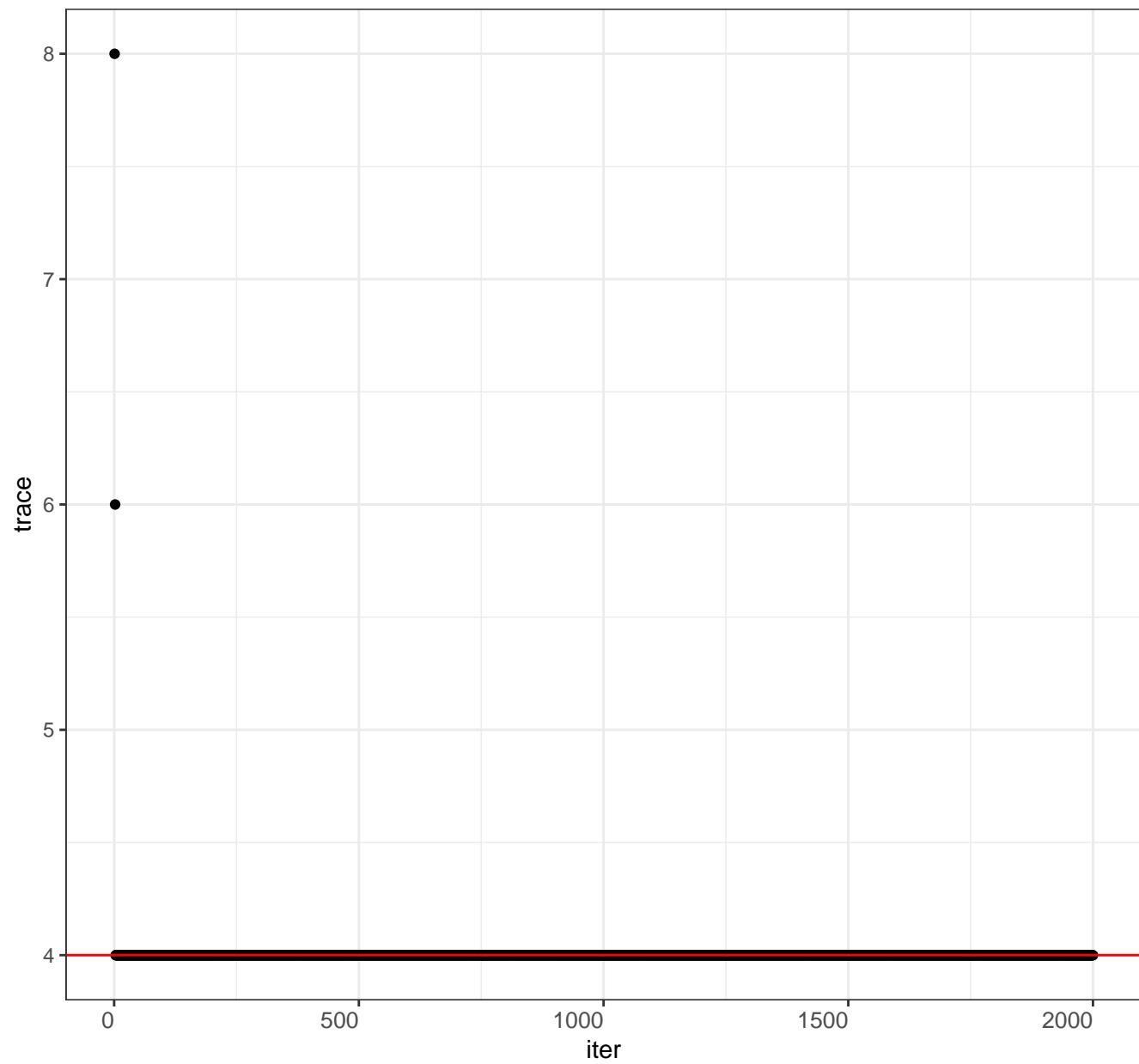


True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 r=20 true K=4 type=4

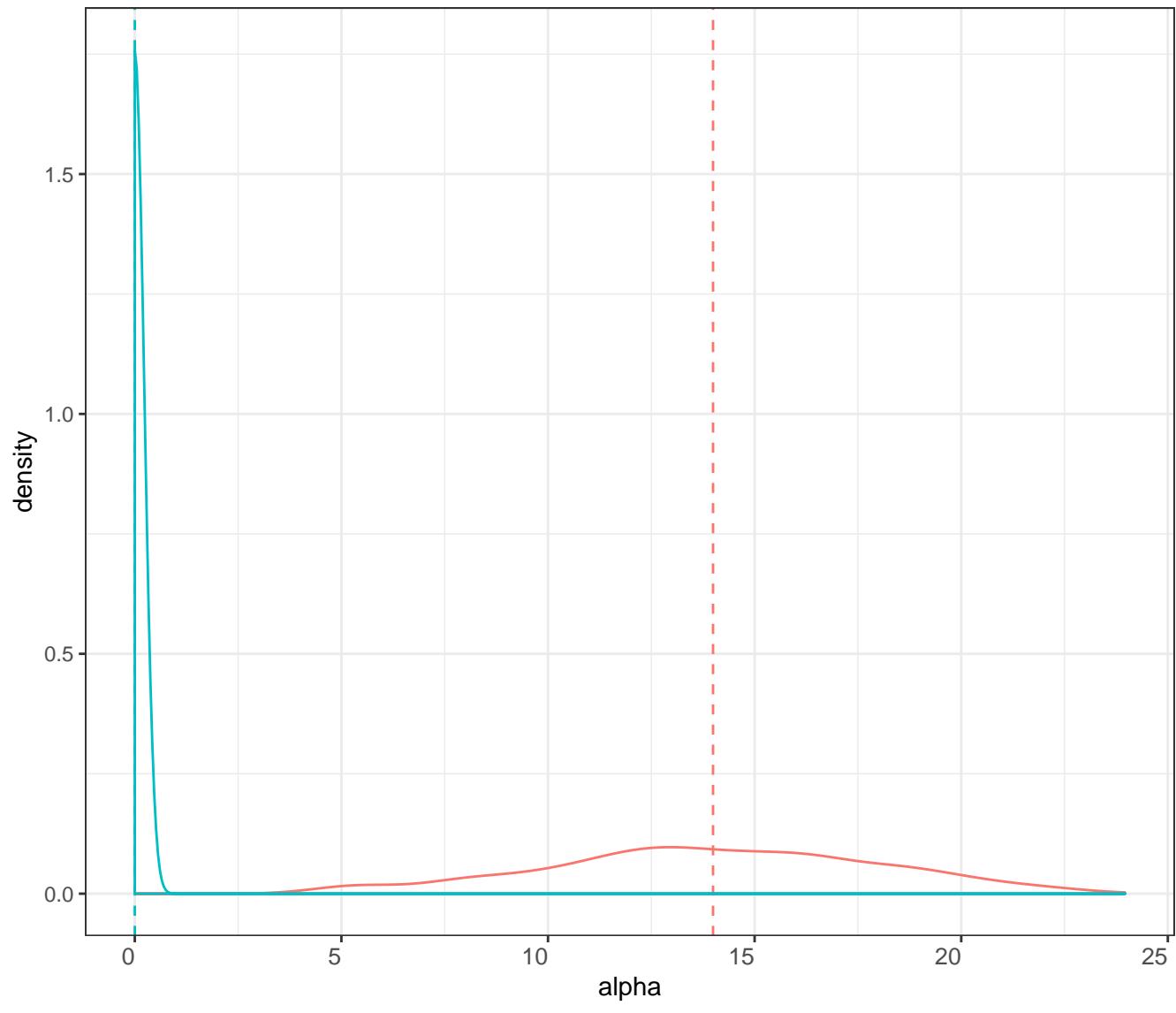
Trace plot for the number of groups K for S=50 r=20 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=50 ,r=20 true gr K=4 ,type=4 ,N=204

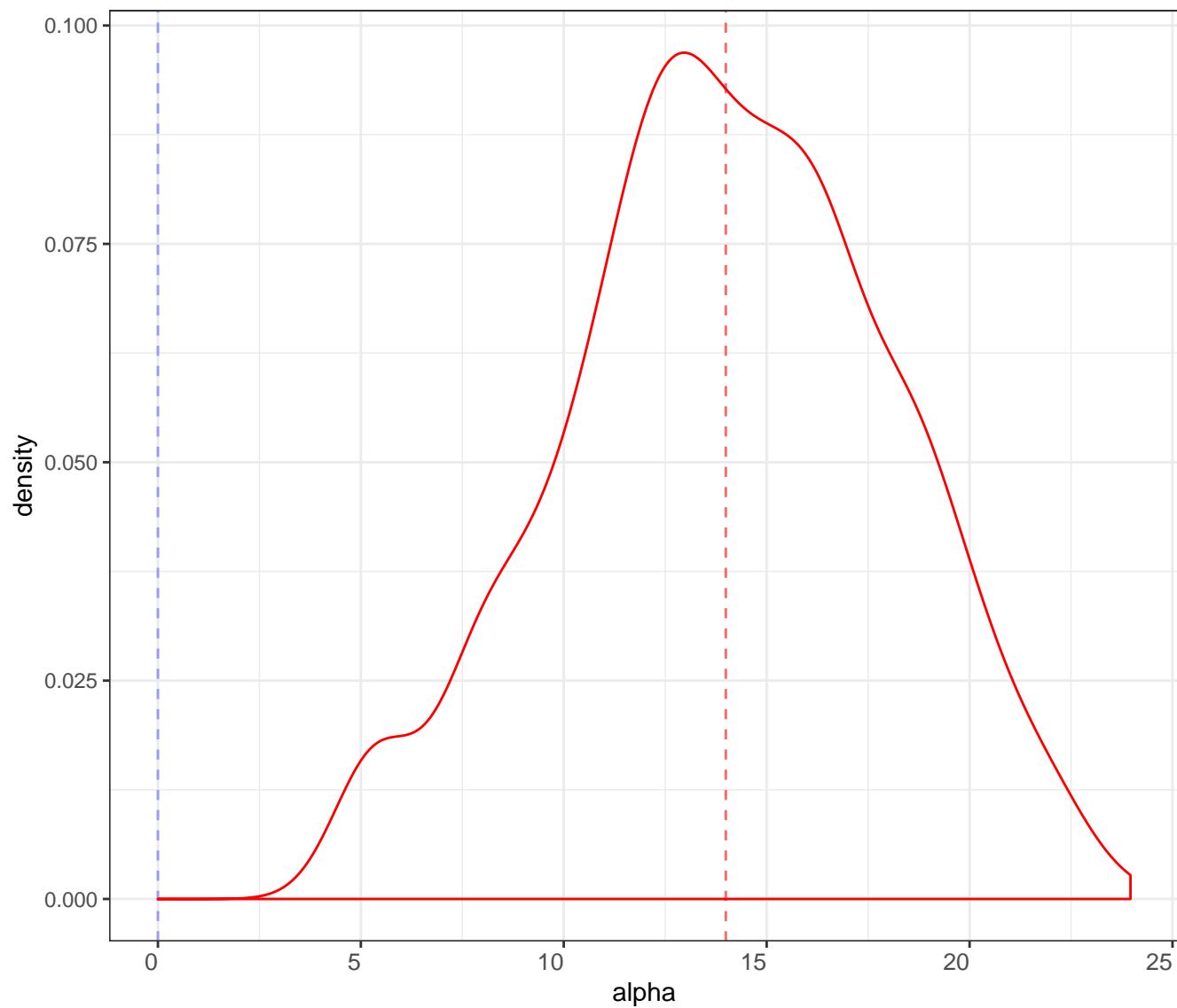
type [] posterior [] prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

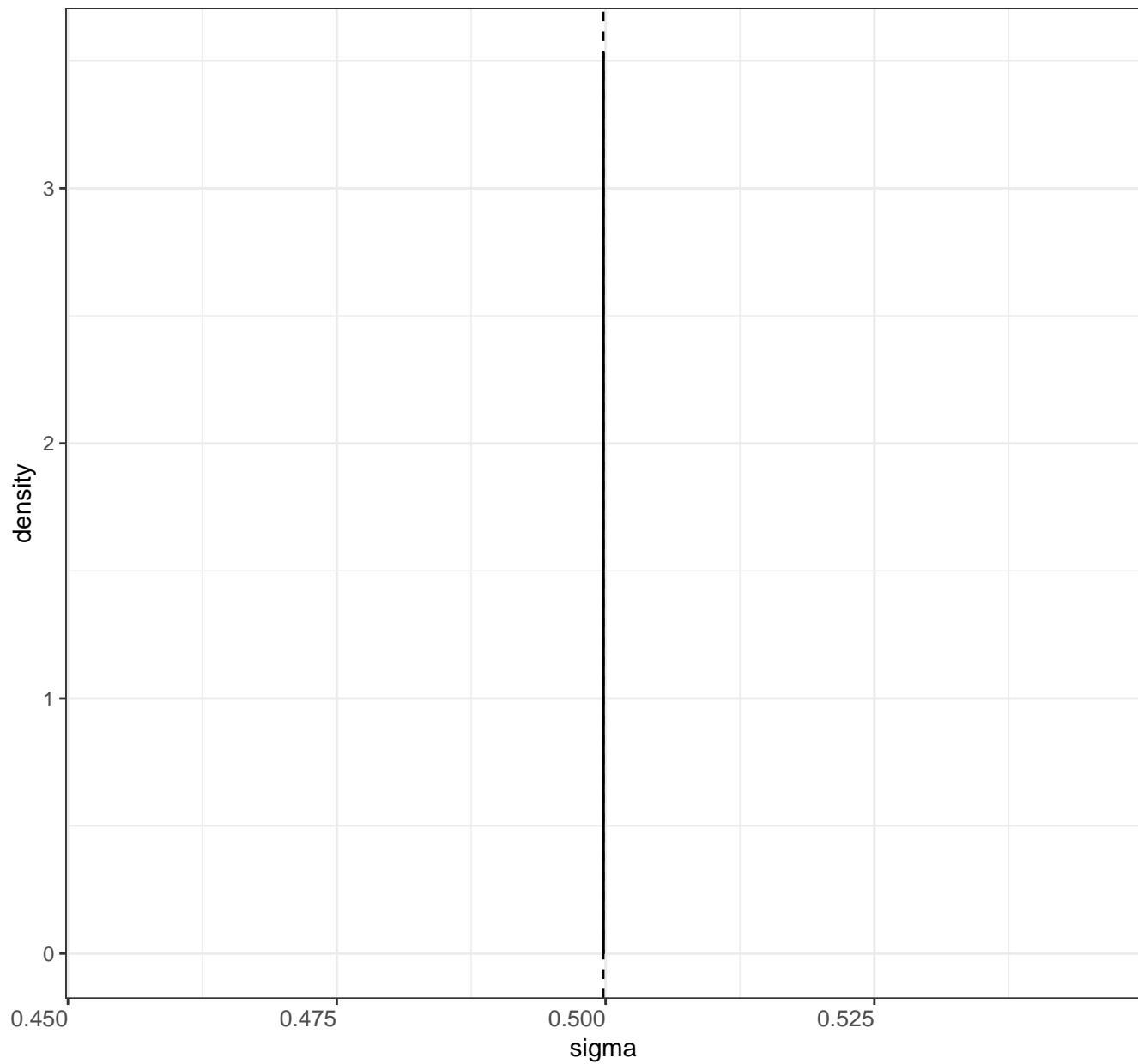
Posterior distribution for alpha

Legend | posterior mean | prior mean



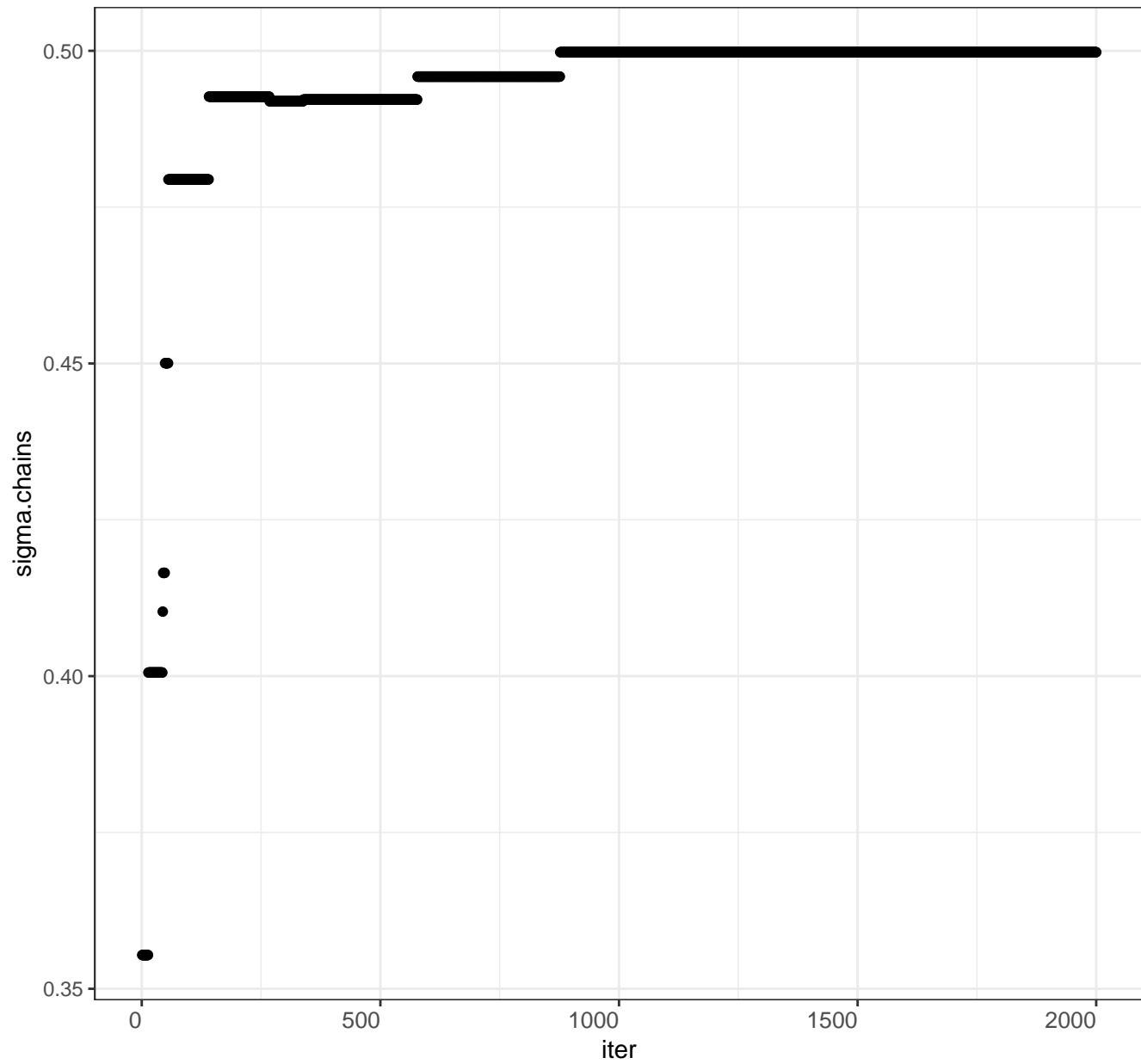
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=20 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=50 ,r=20 true gr K=4 ,type=4 ,N=204



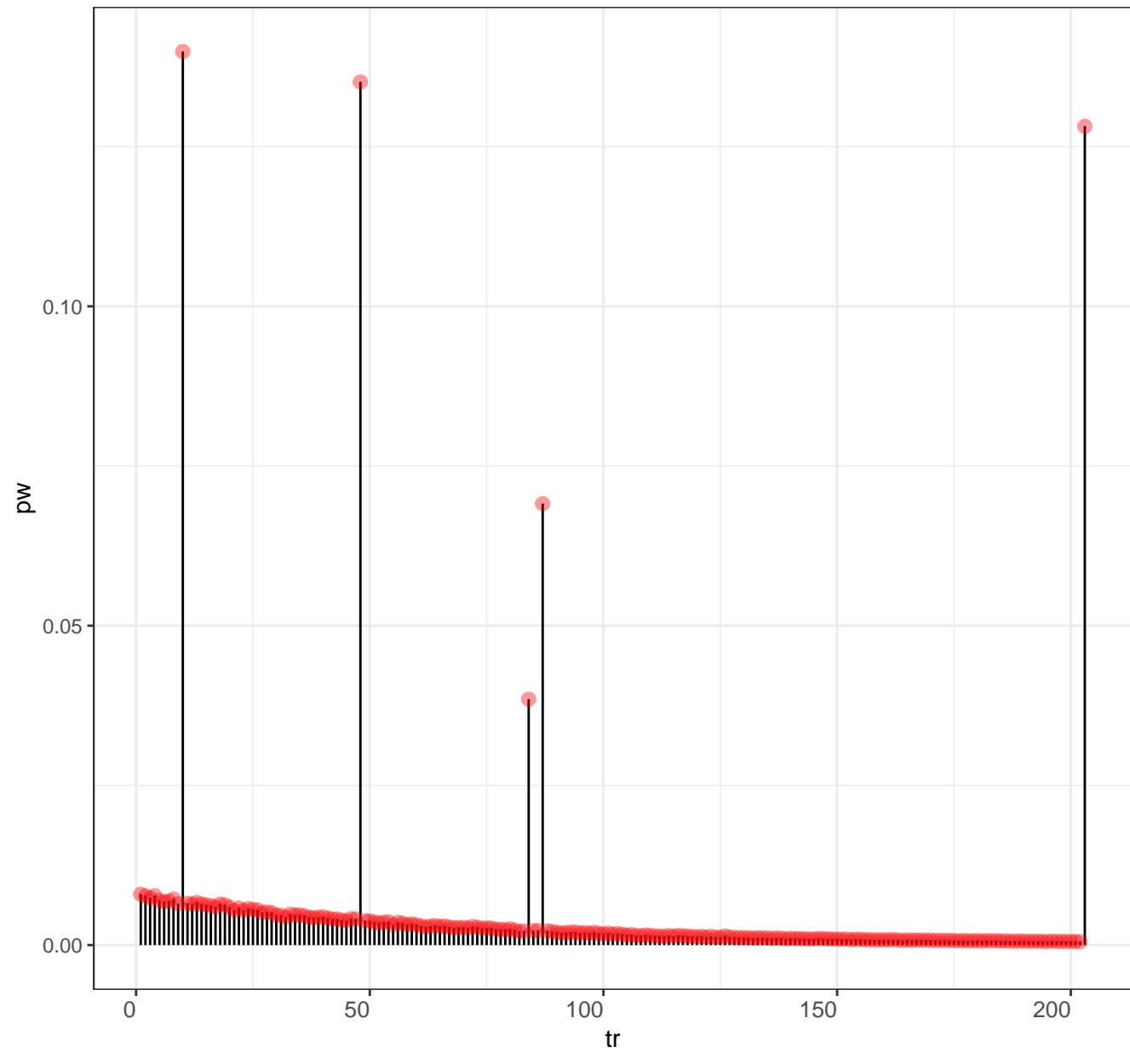
Number of iterations: 2000 burnin: 1000 number of samples: 500

Trace plot for the sigma for S=50 r=20 true K=4 type=4

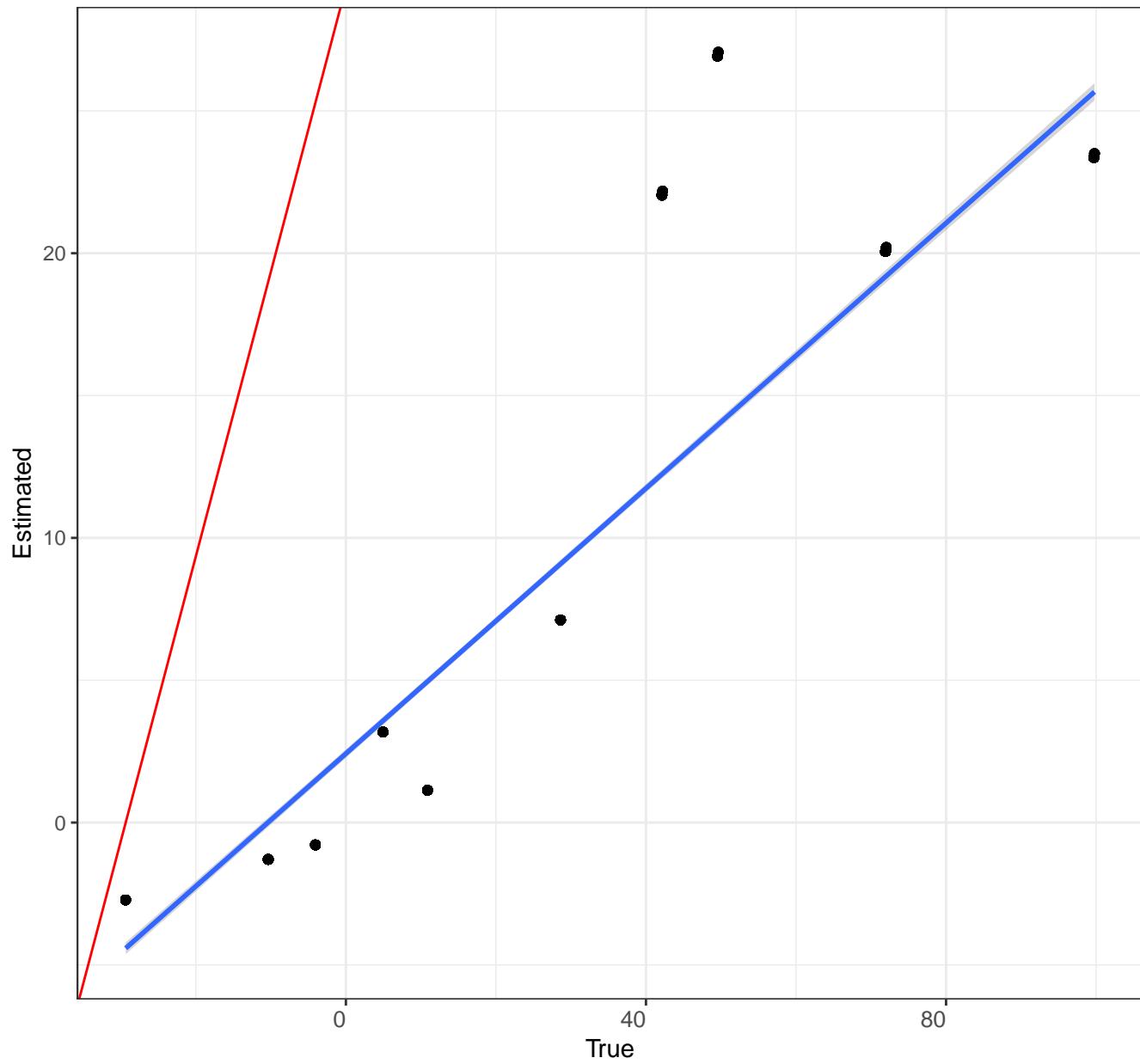


Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=50 ,r=20 true gr K=4 ,type=4 ,N=204 pN=0.128

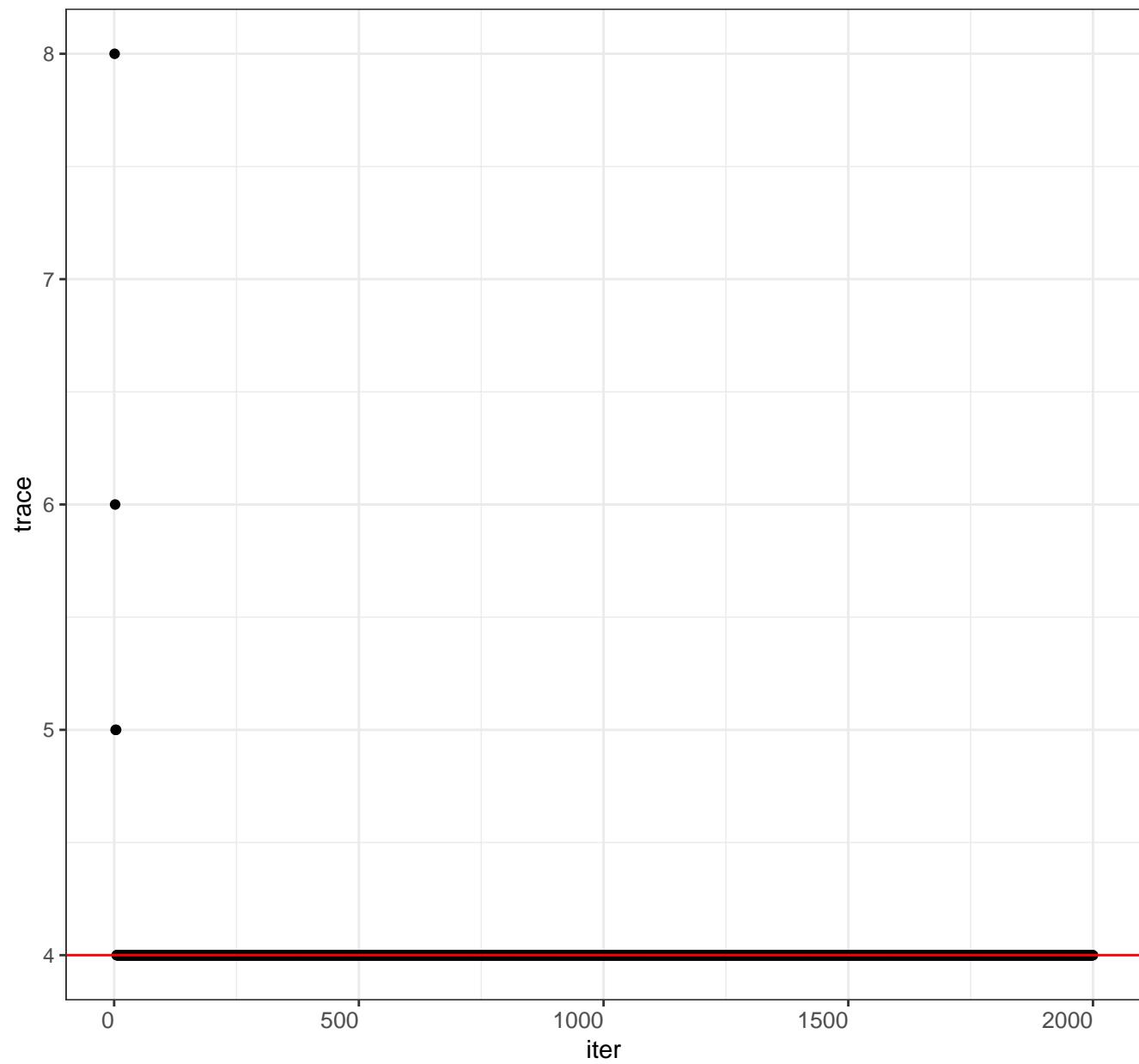


True vs estimated covariance parameters



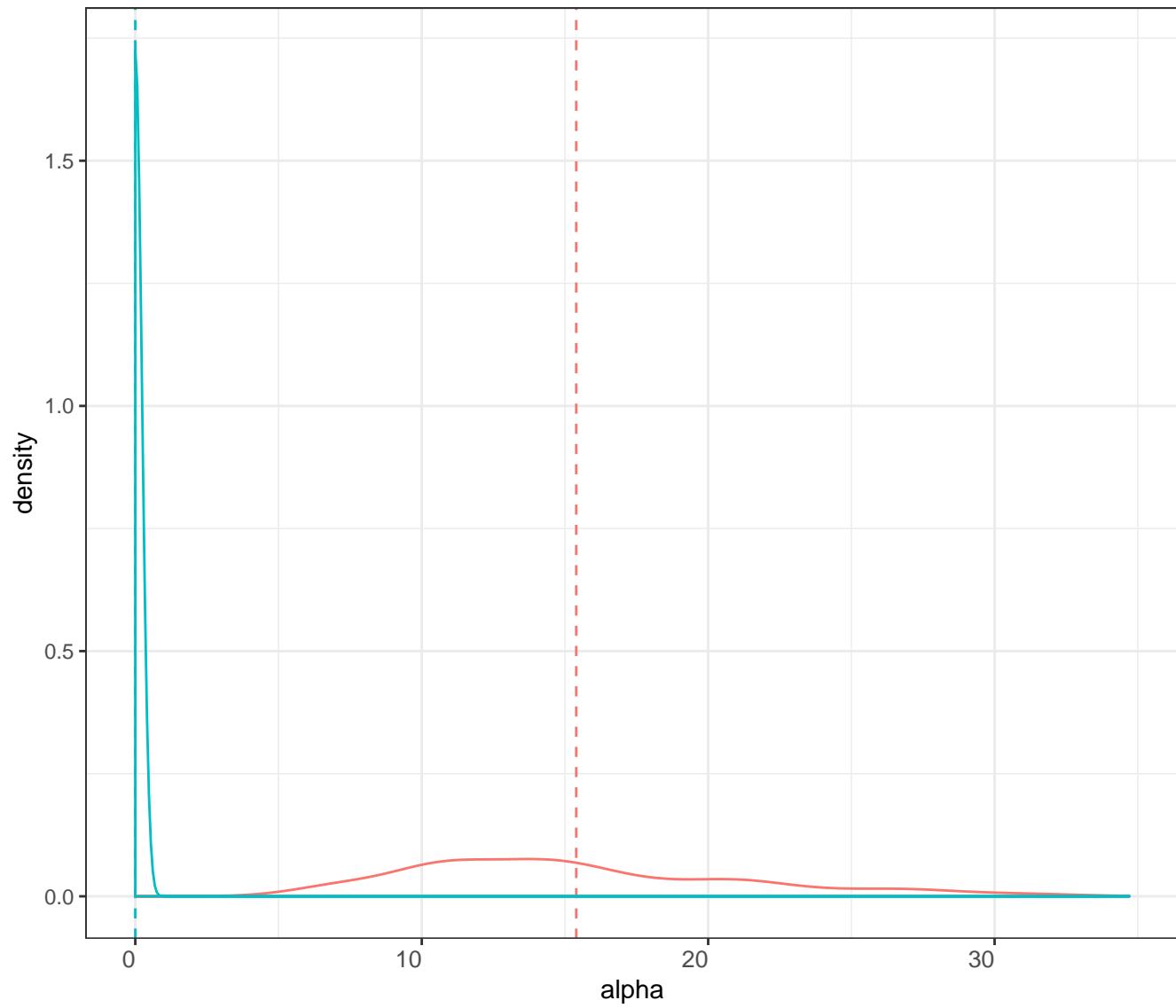
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 r=20 true K=4 type=4

Trace plot for the number of groups K for S=50 r=20 true K=4 type=4



Distribution alpha: S=50 ,r=20 true gr K=4 ,type=4 ,N=204

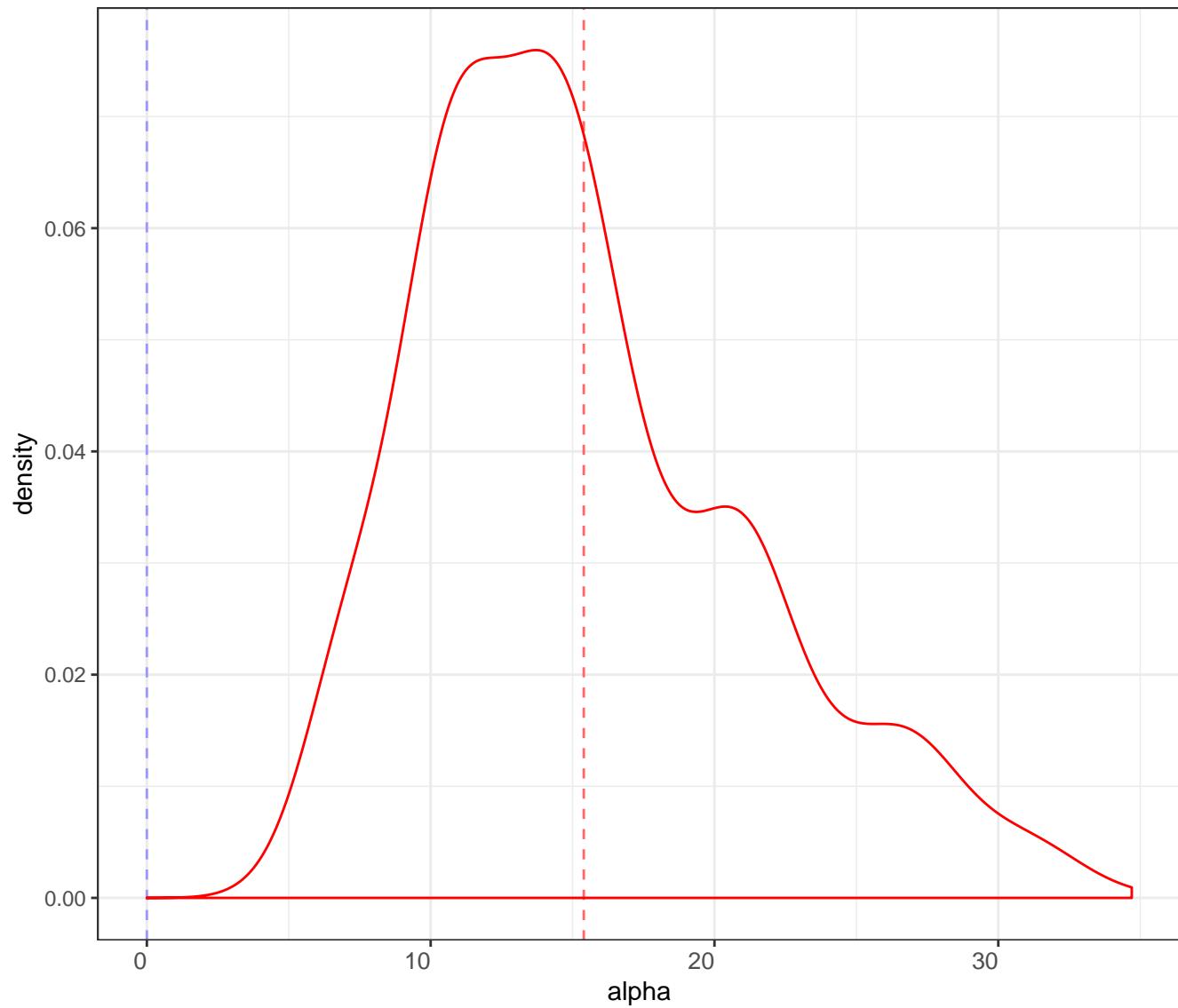
type [] posterior [] prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

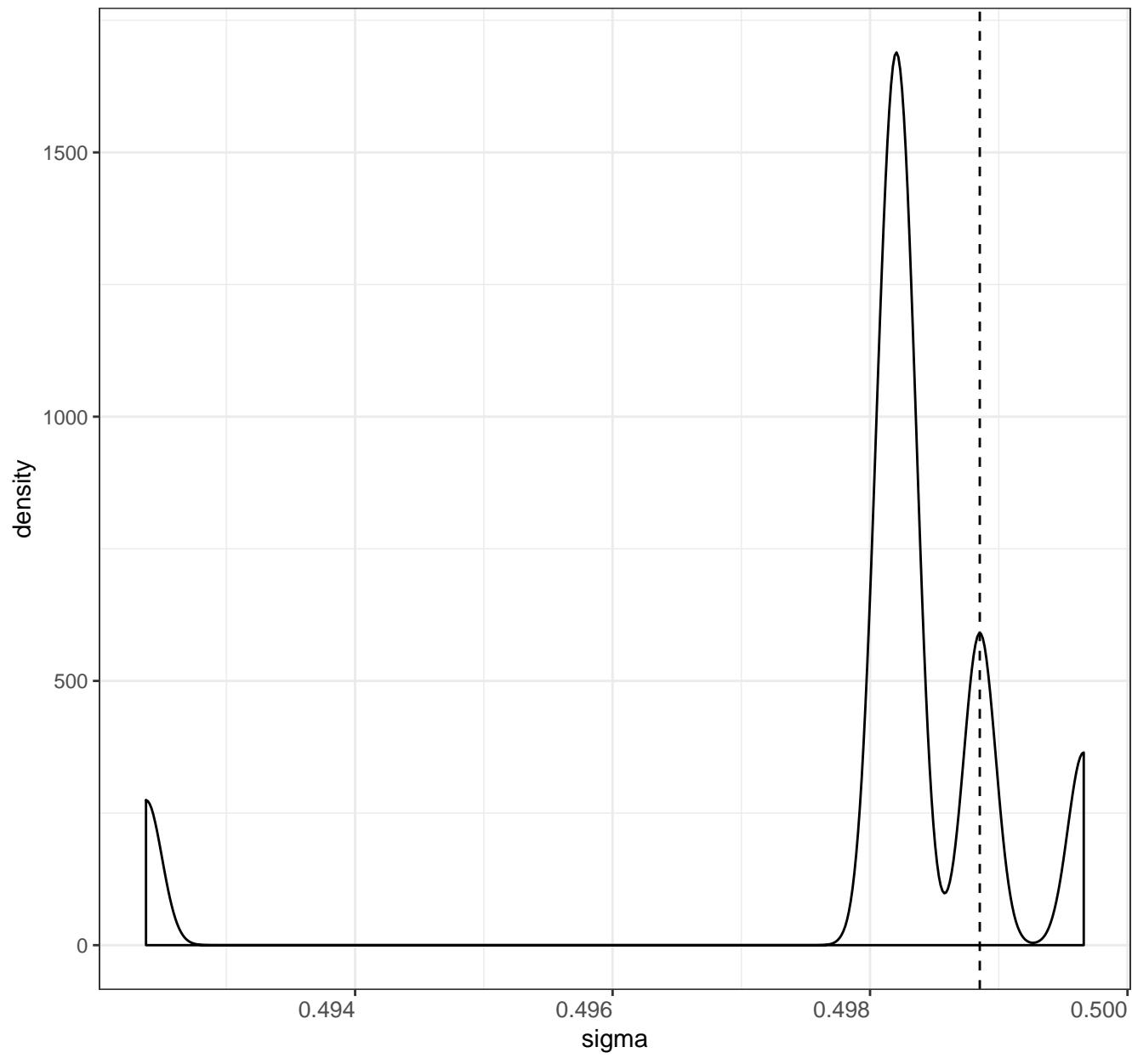
Posterior distribution for alpha

Legend | posterior mean | prior mean

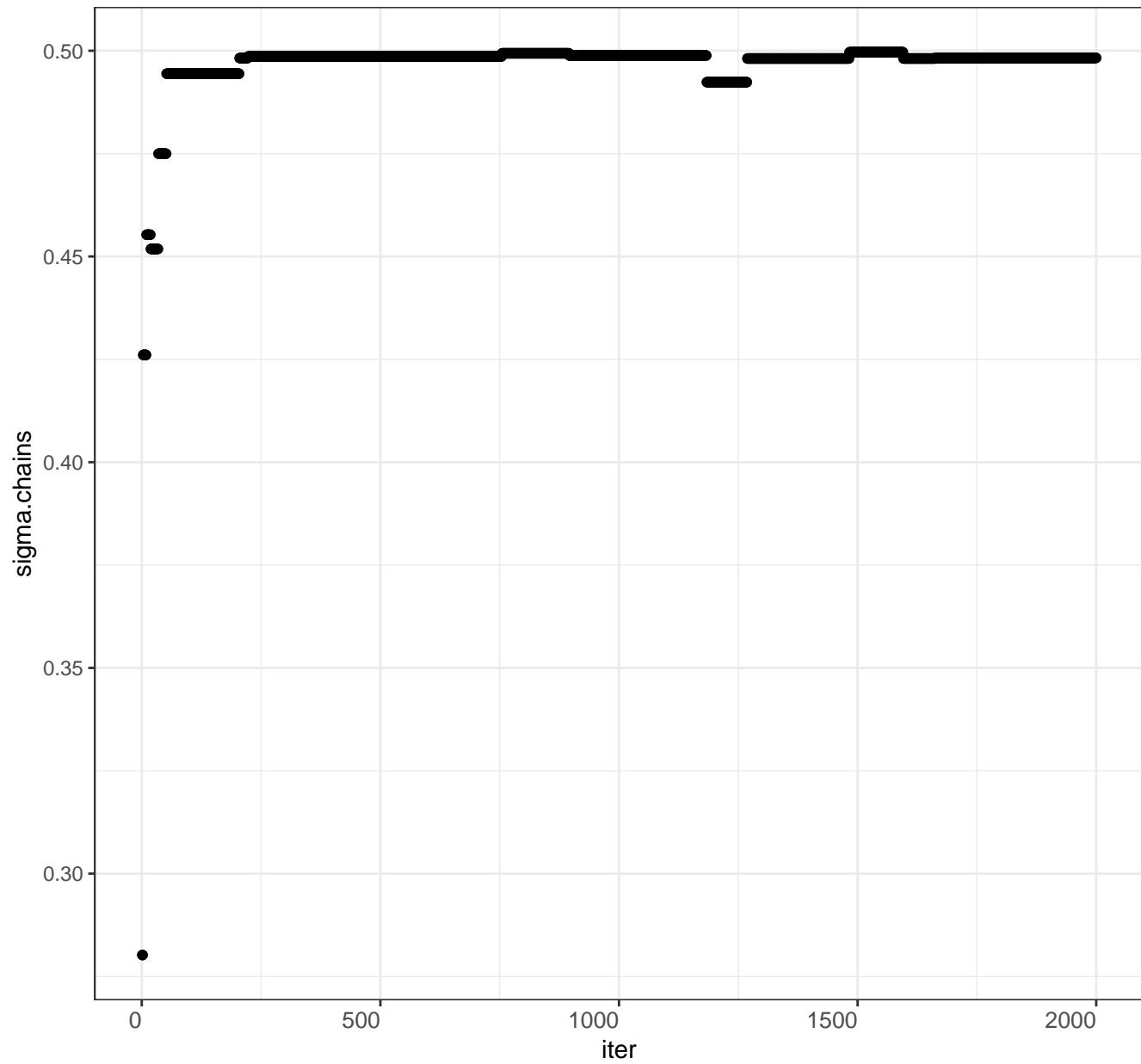


Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=20 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=50 ,r=20 true gr K=4 ,type=4 ,N=204

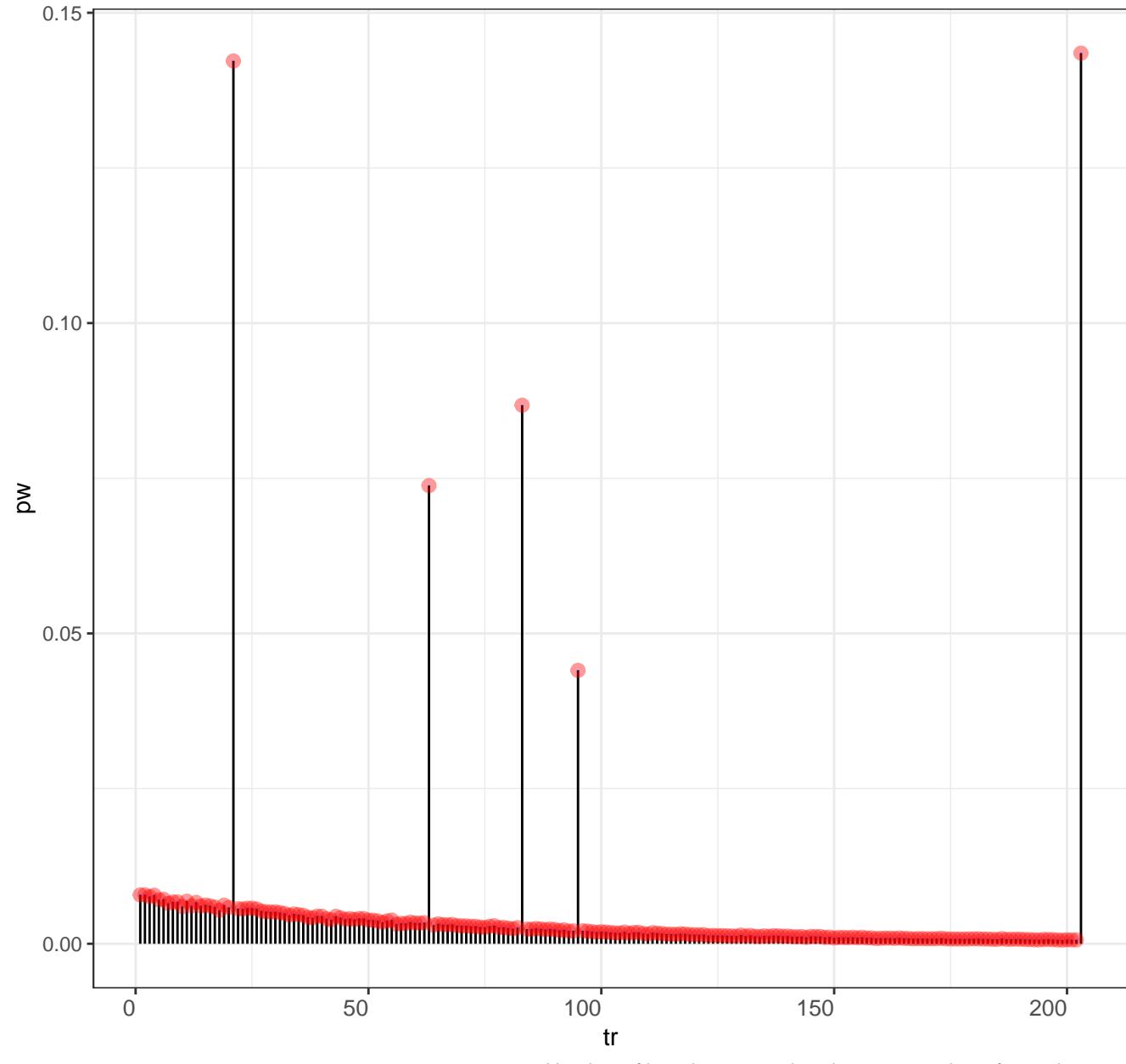


Trace plot for the sigma for S=50 r=20 true K=4 type=4



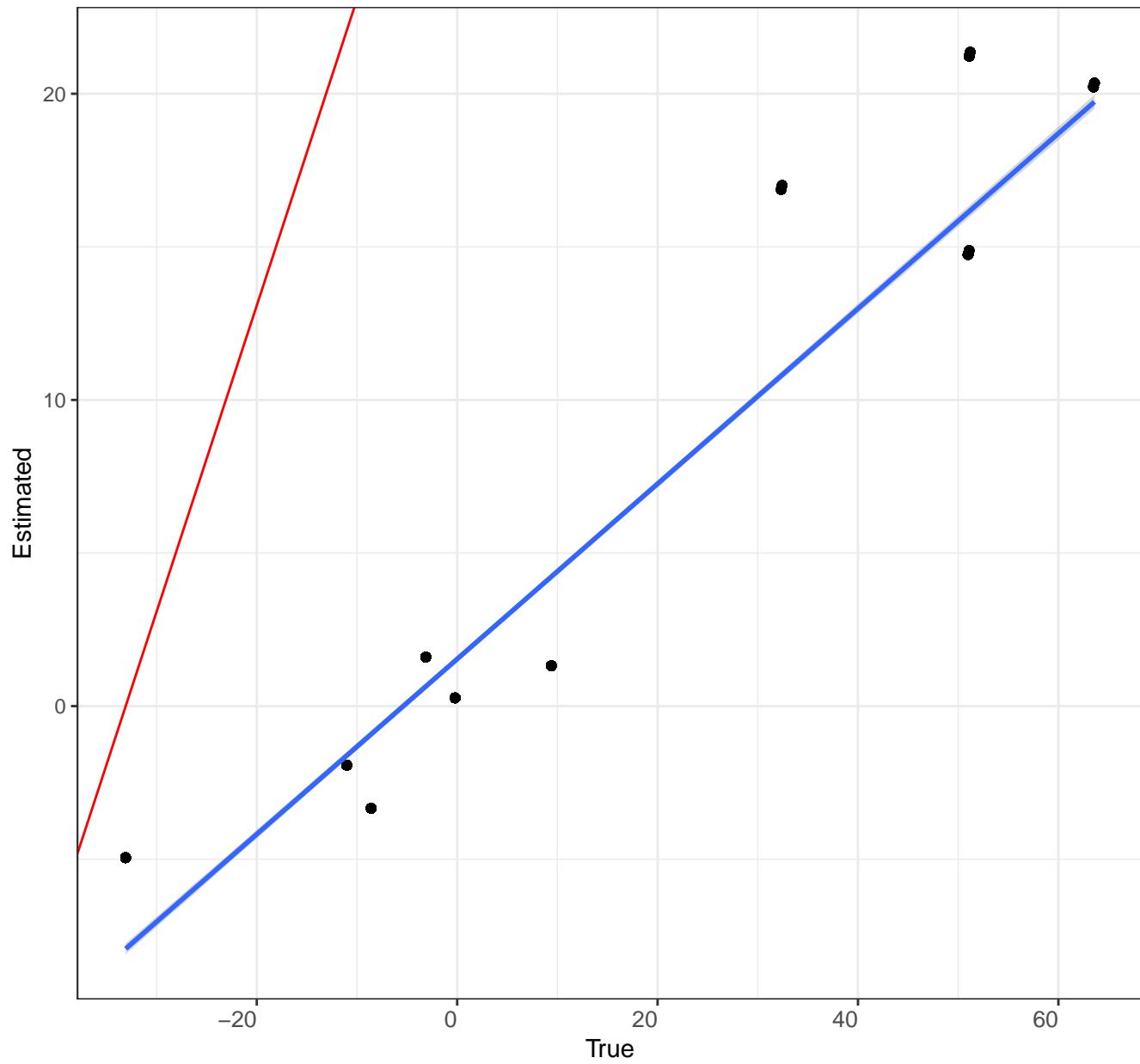
Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=50 ,r=20 true gr K=4 ,type=4 ,N=204 pN=0.143



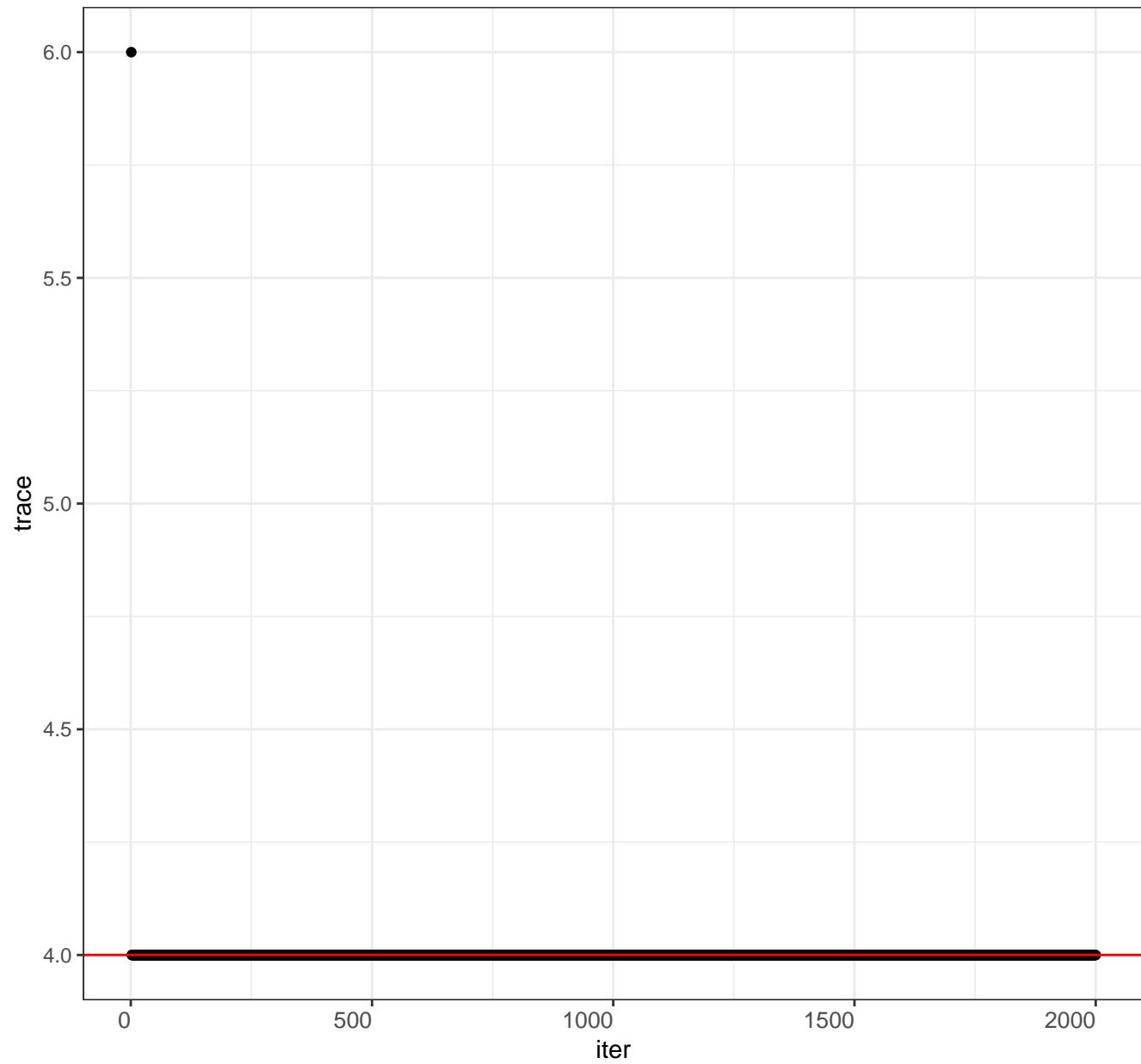
Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters



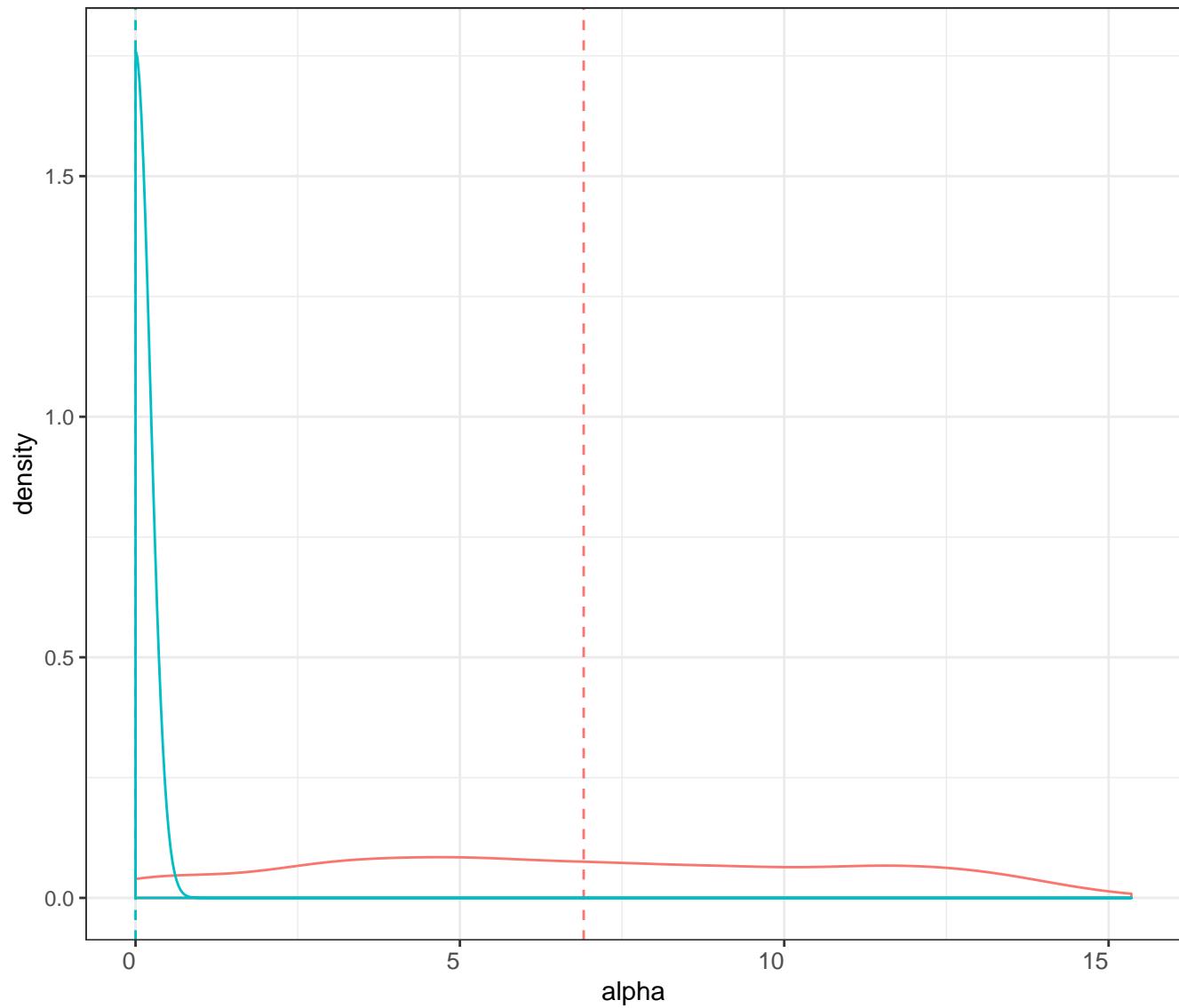
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 r=20 true K=4 type=4

Trace plot for the number of groups K for S=50 r=20 true K=4 type=4



Distribution alpha: S=50 ,r=20 true gr K=4 ,type=4 ,N=204

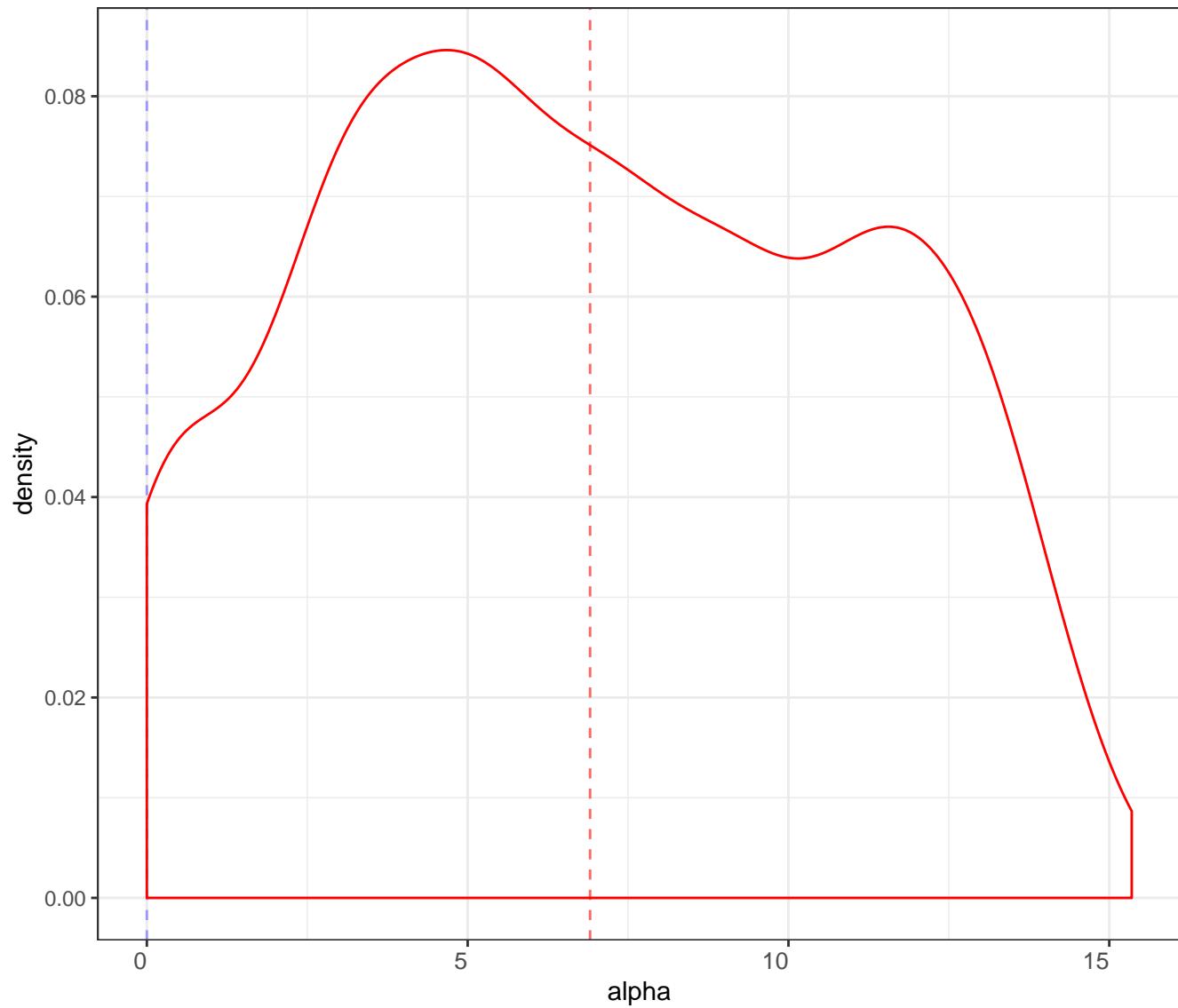
type | posterior | prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

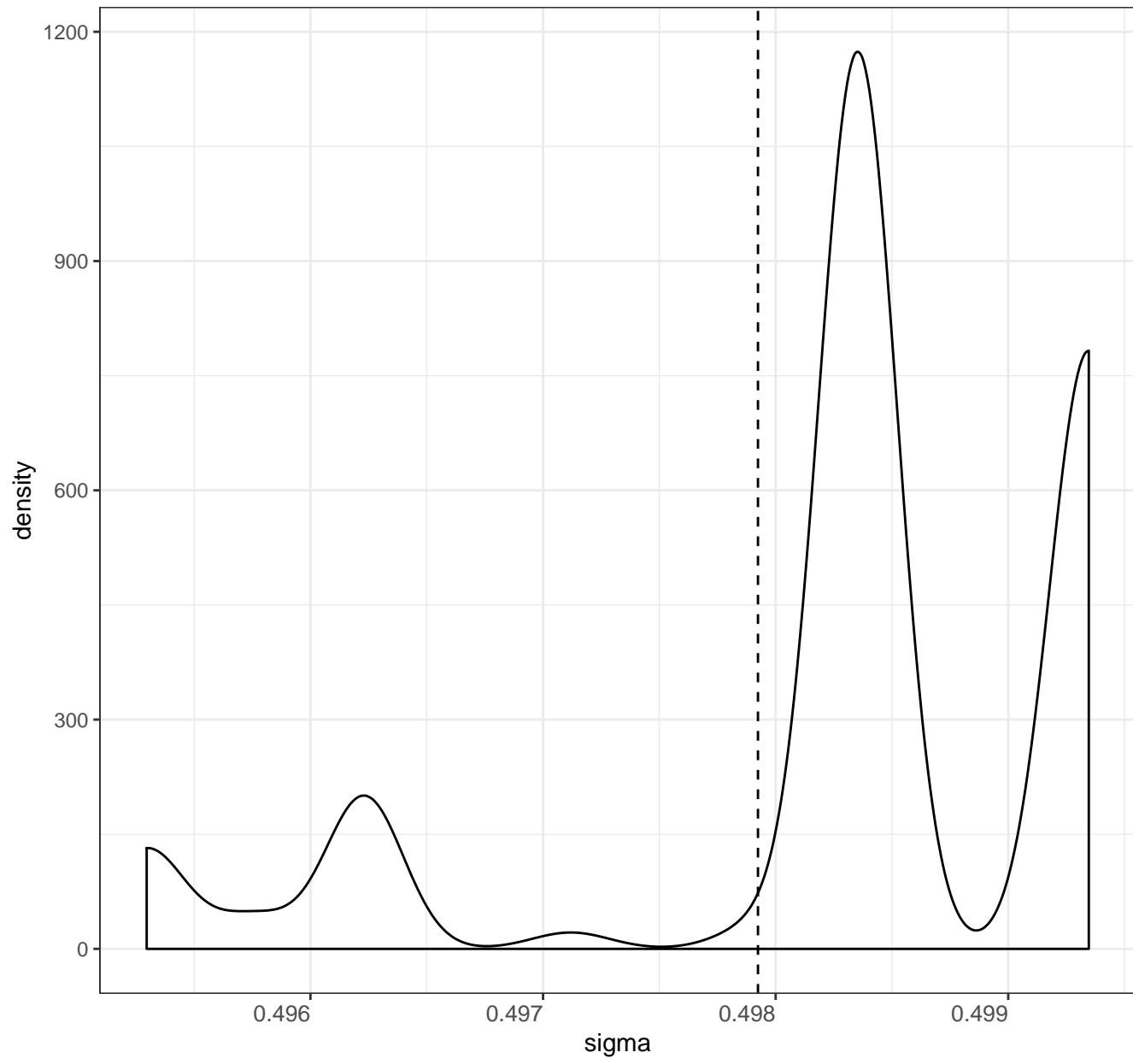
Posterior distribution for alpha

Legend | posterior mean | prior mean



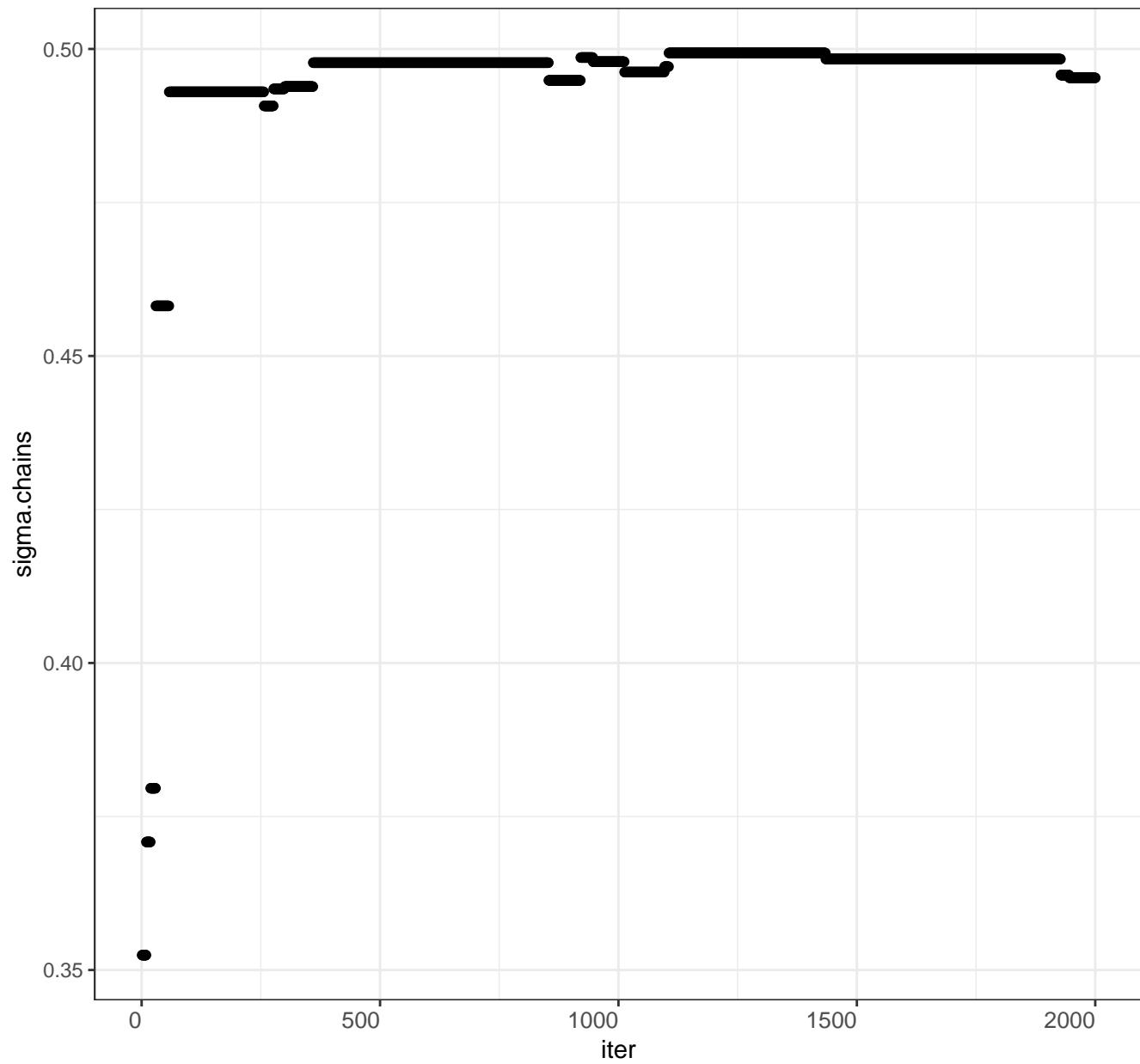
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=20 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=50 ,r=20 true gr K=4 ,type=4 ,N=204



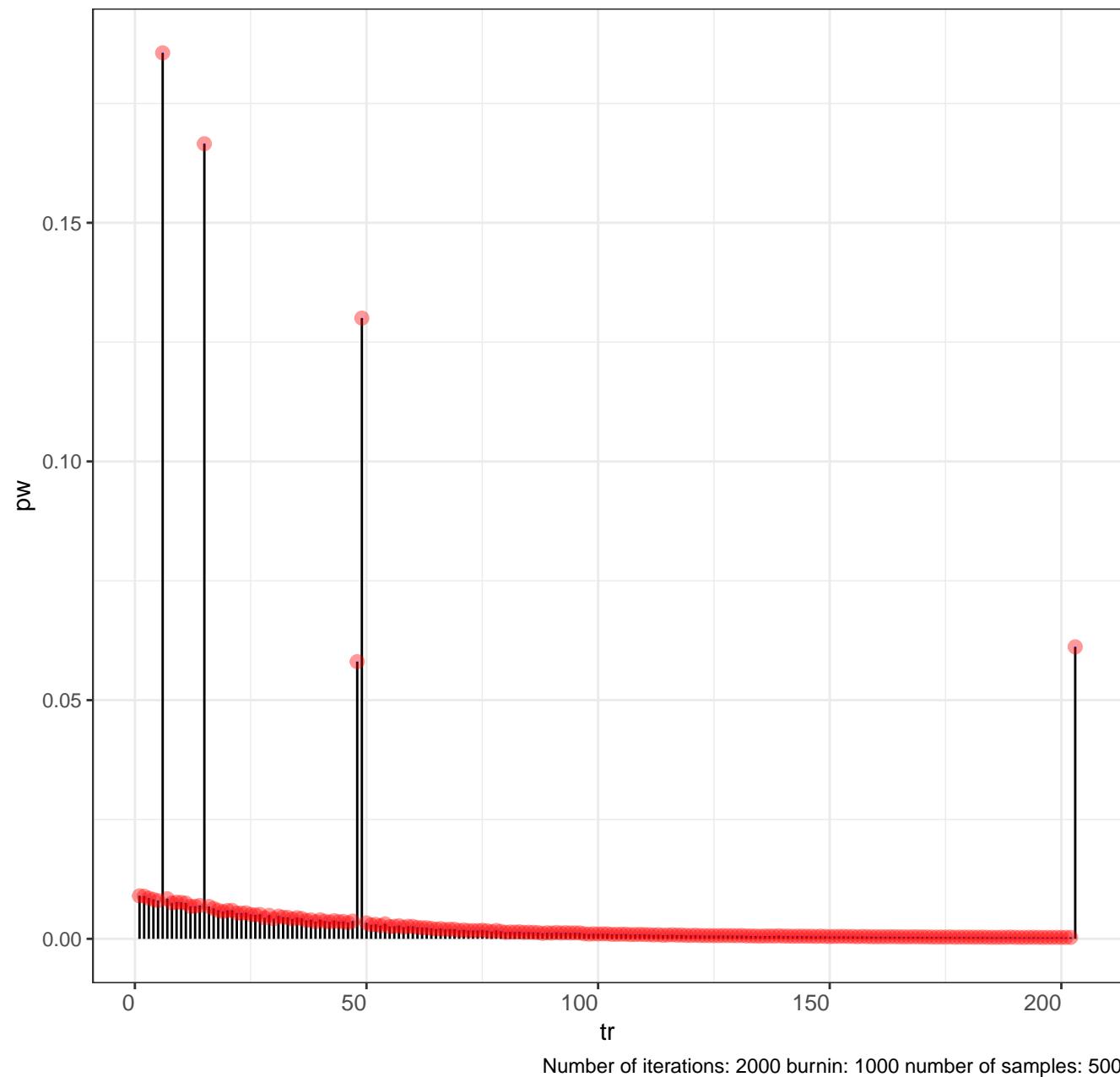
Number of iterations: 2000 burnin: 1000 number of samples: 500

Trace plot for the sigma for S=50 r=20 true K=4 type=4

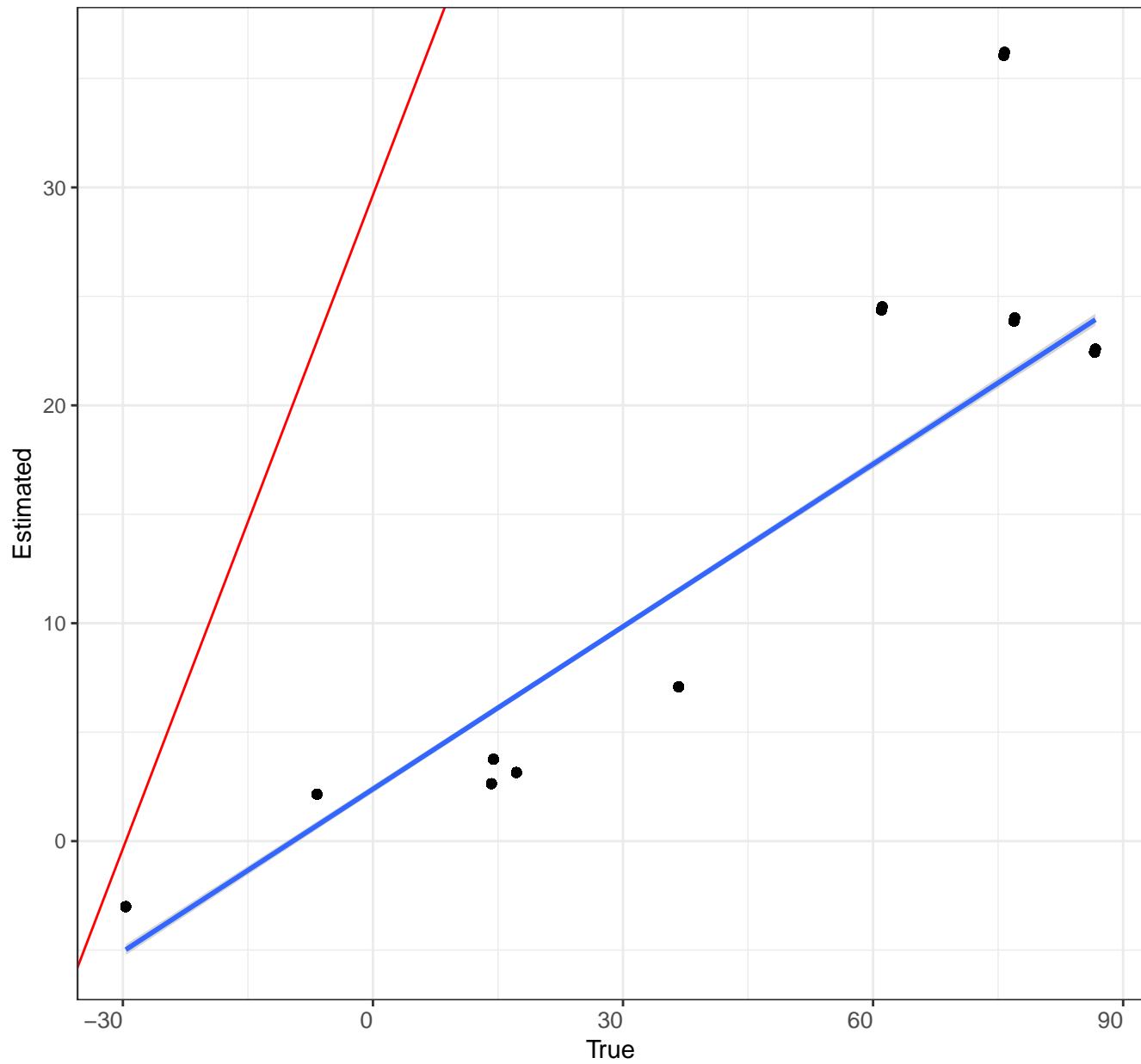


Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=50 ,r=20 true gr K=4 ,type=4 ,N=204 pN=0.061

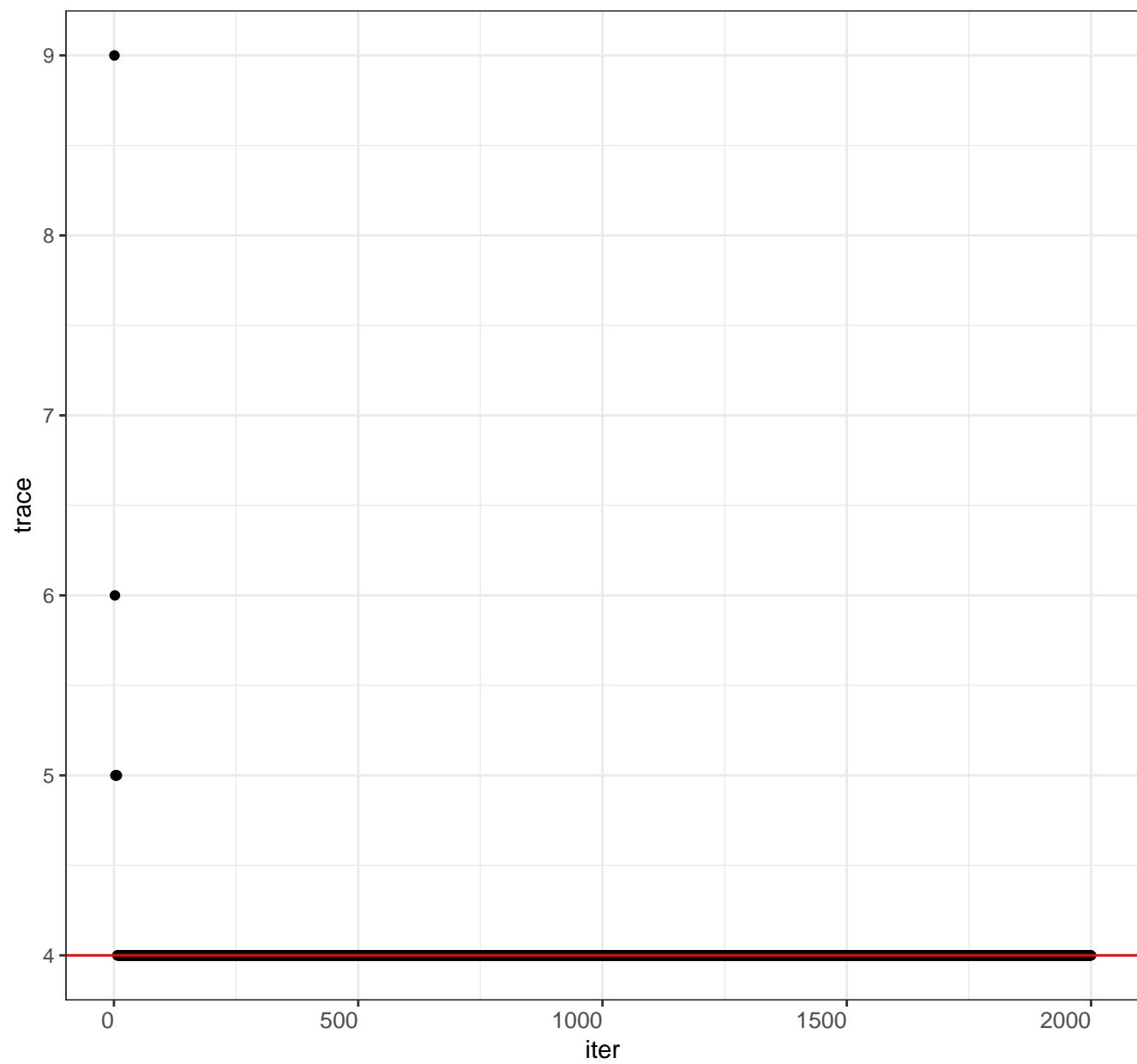


True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 r=20 true K=4 type=4

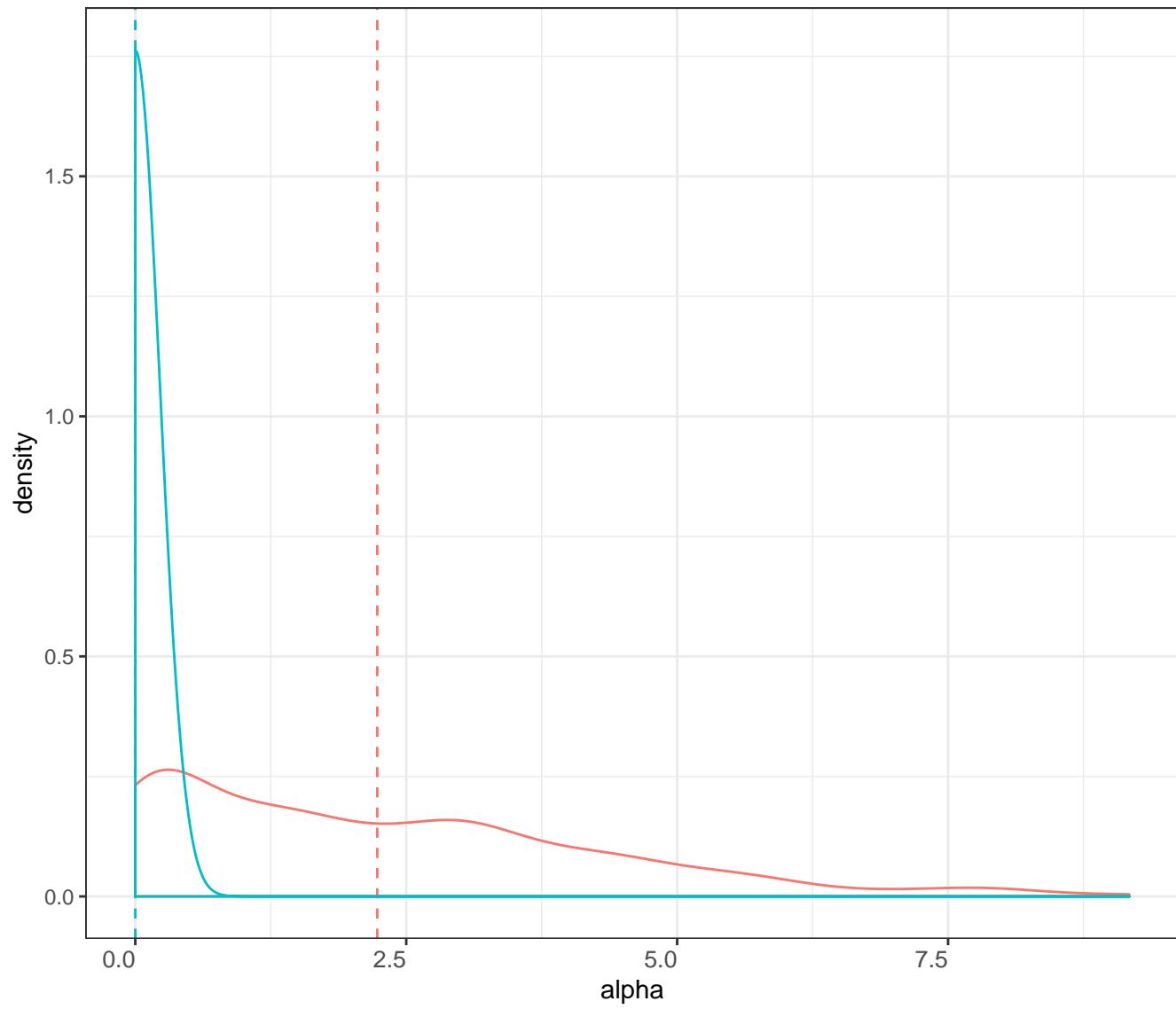
Trace plot for the number of groups K for S=80 r=5 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=80 ,r=5 true gr K=4 ,type=4 ,N=204

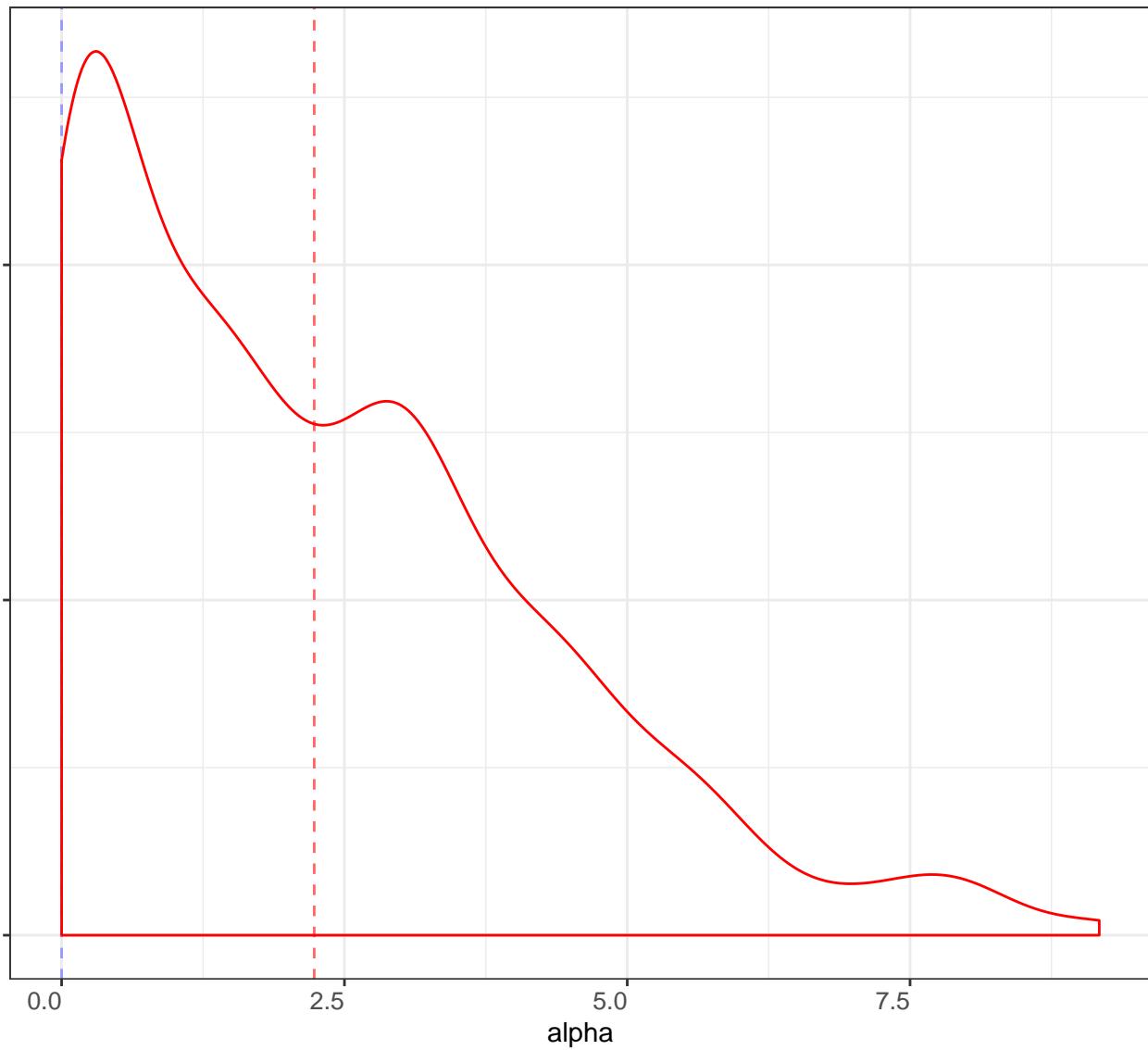
type [] posterior [] prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

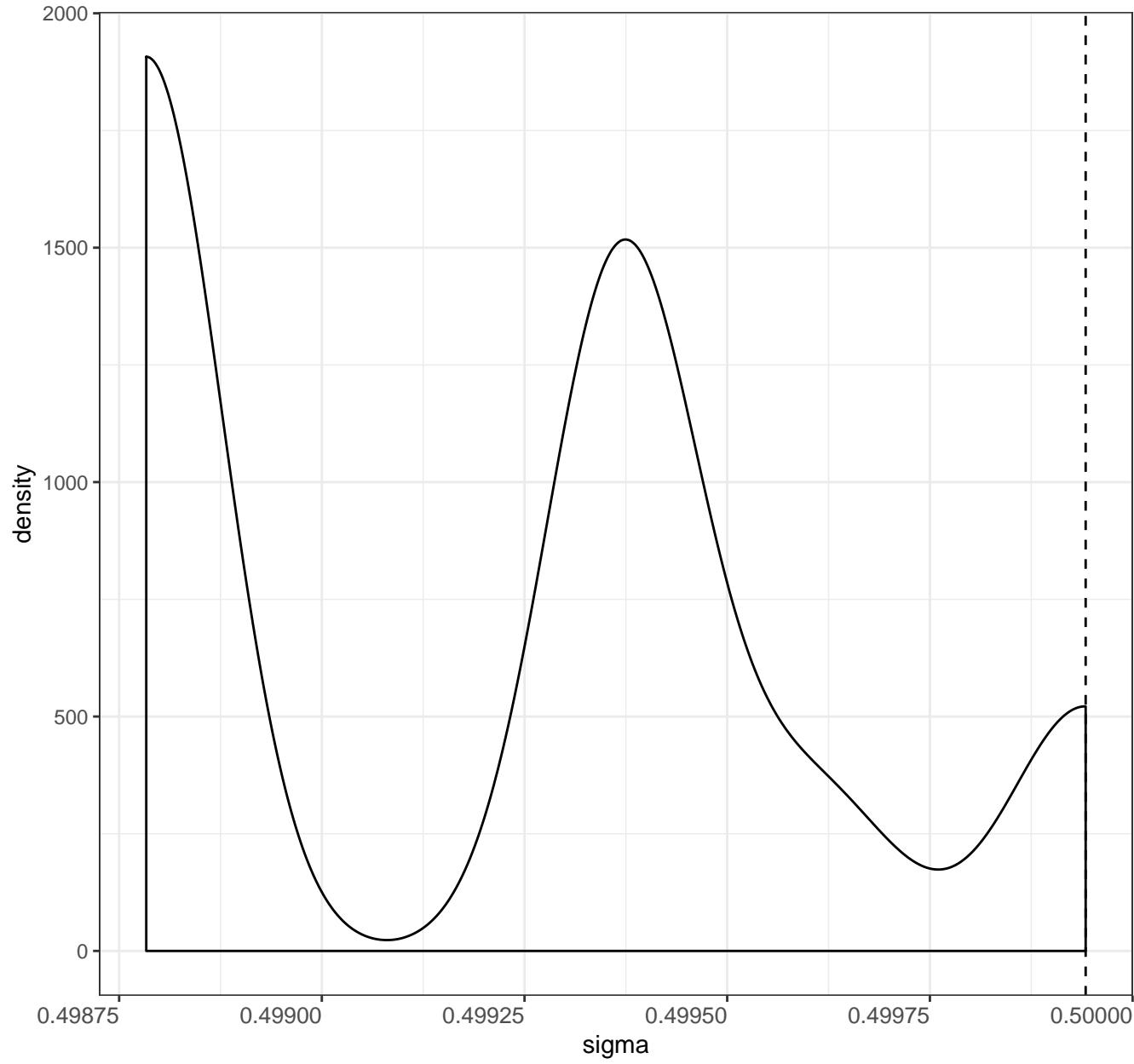
Posterior distribution for alpha

Legend | posterior mean | prior mean



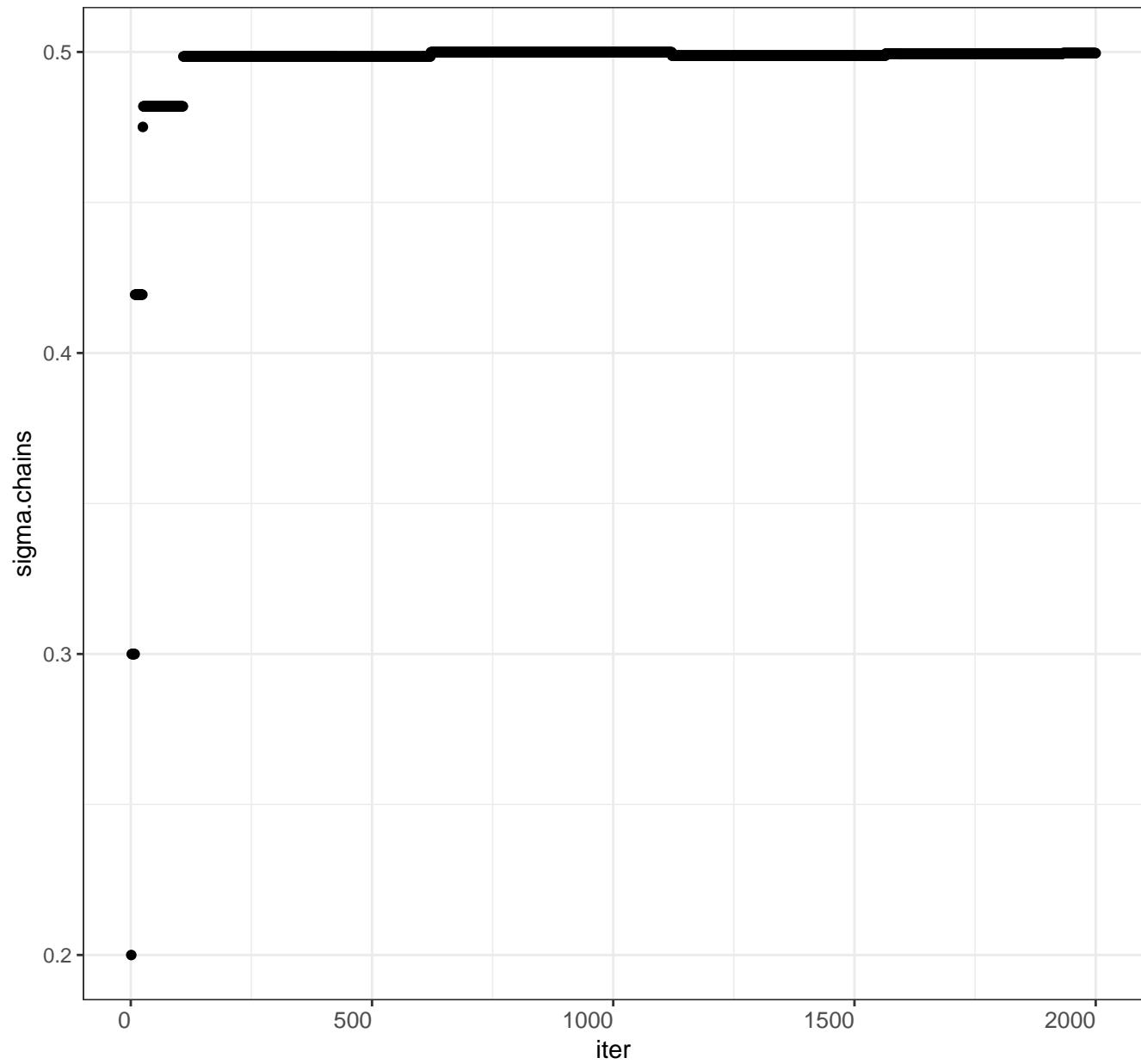
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=5 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=80 ,r=5 true gr K=4 ,type=4 ,N=204



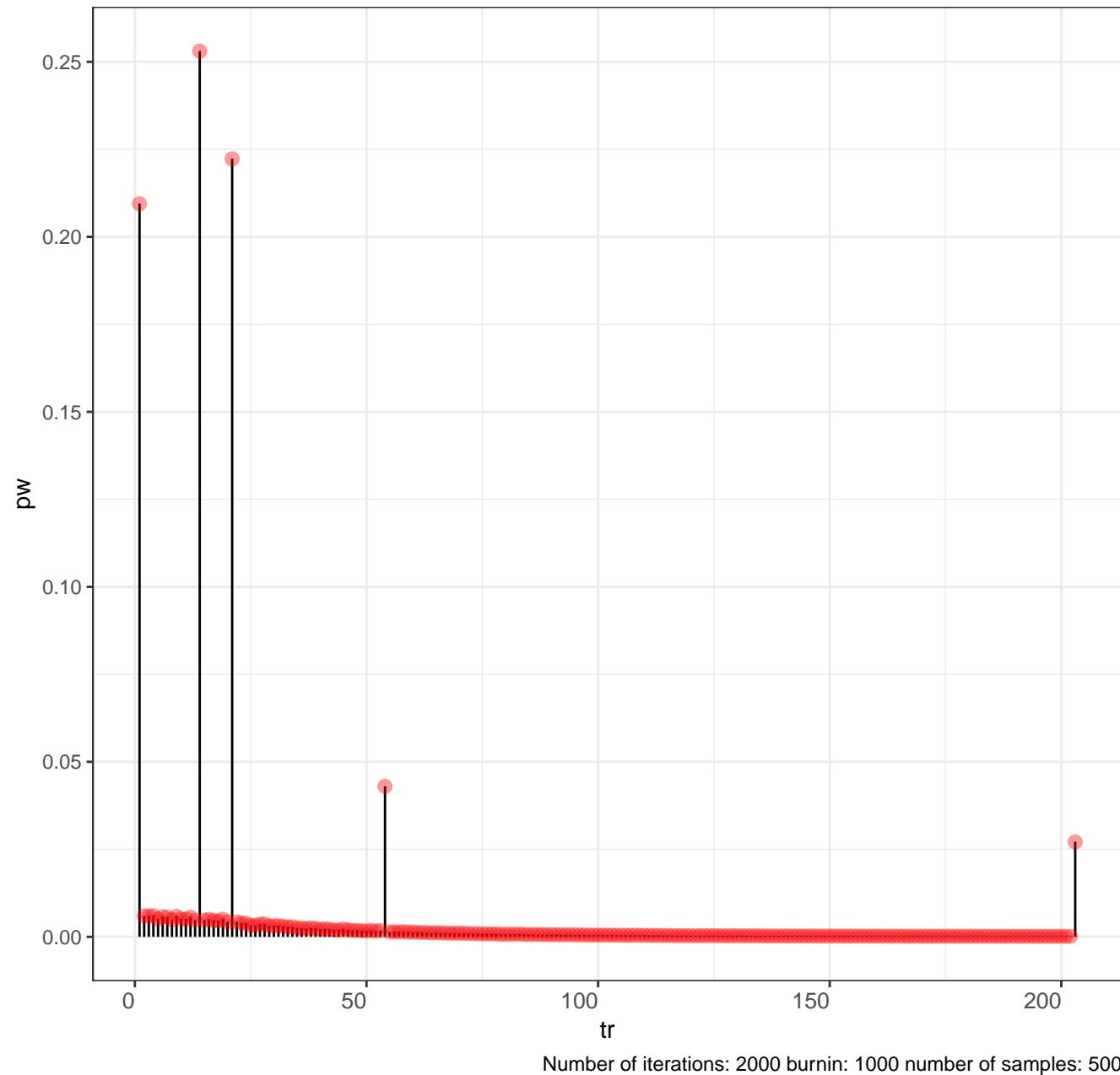
Number of iterations: 2000 burnin: 1000 number of samples: 500

Trace plot for the sigma for S=80 r=5 true K=4 type=4

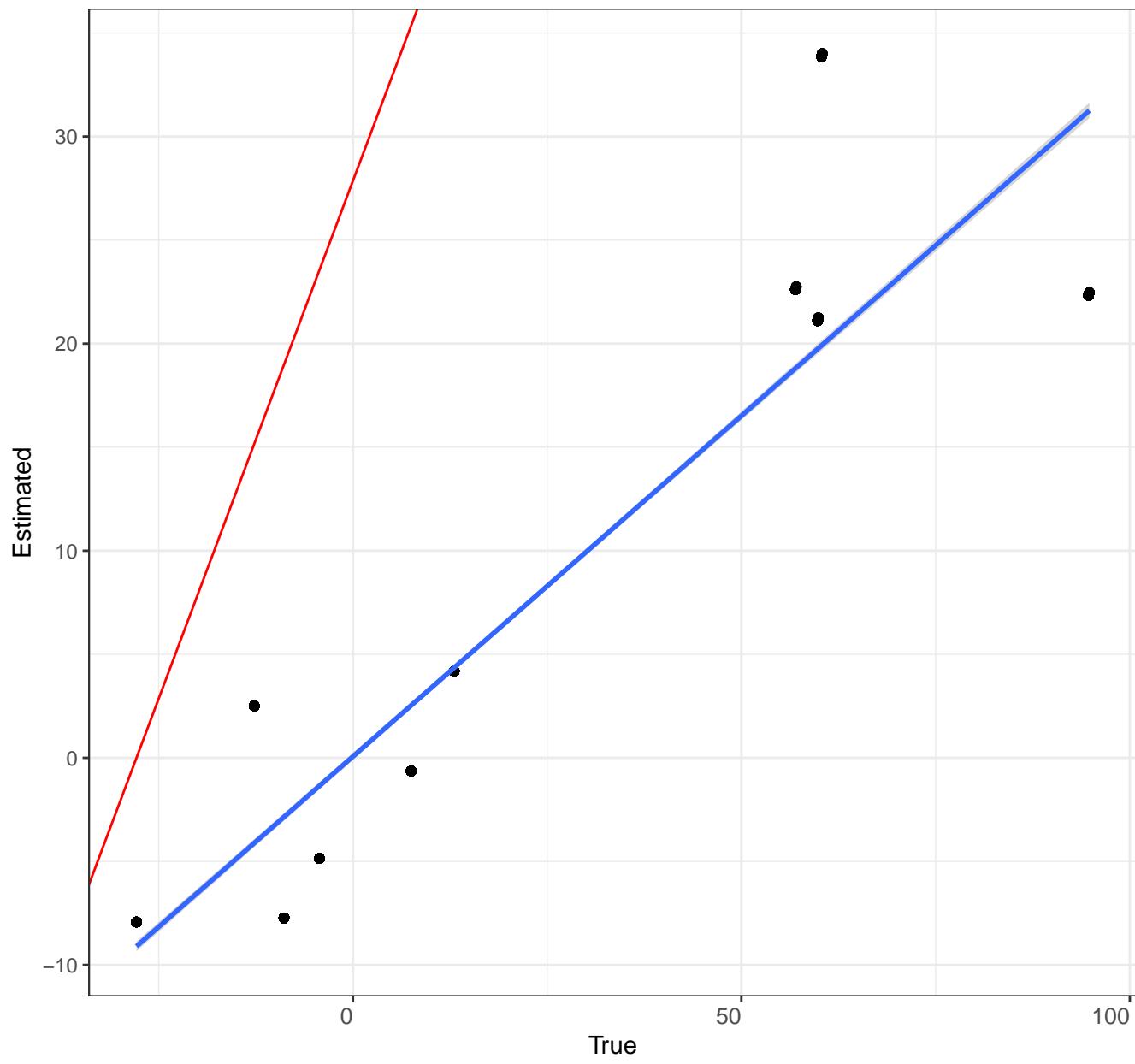


Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=80 ,r=5 true gr K=4 ,type=4 ,N=204 pN=0.027

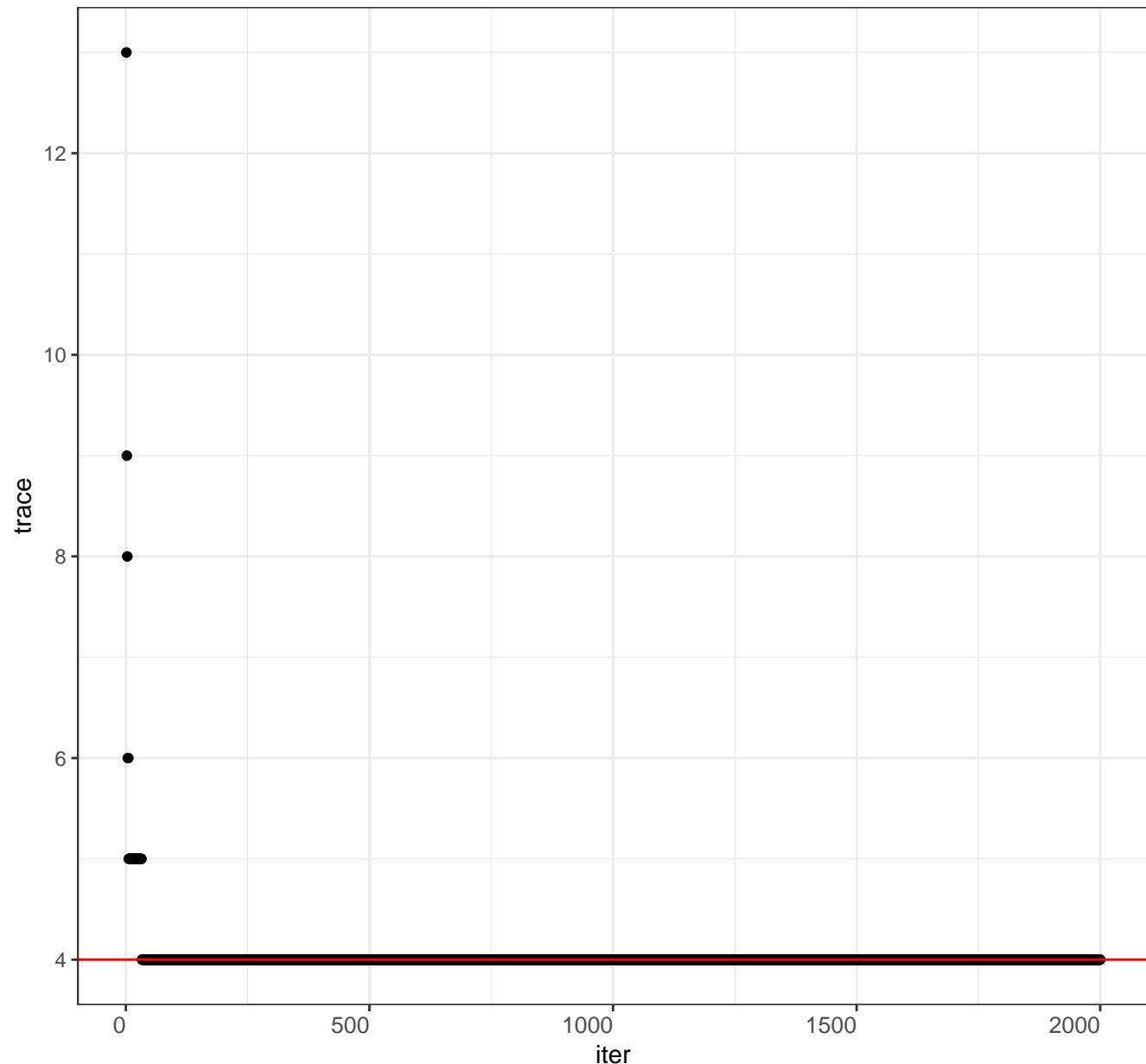


True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 r=5 true K=4 type=4

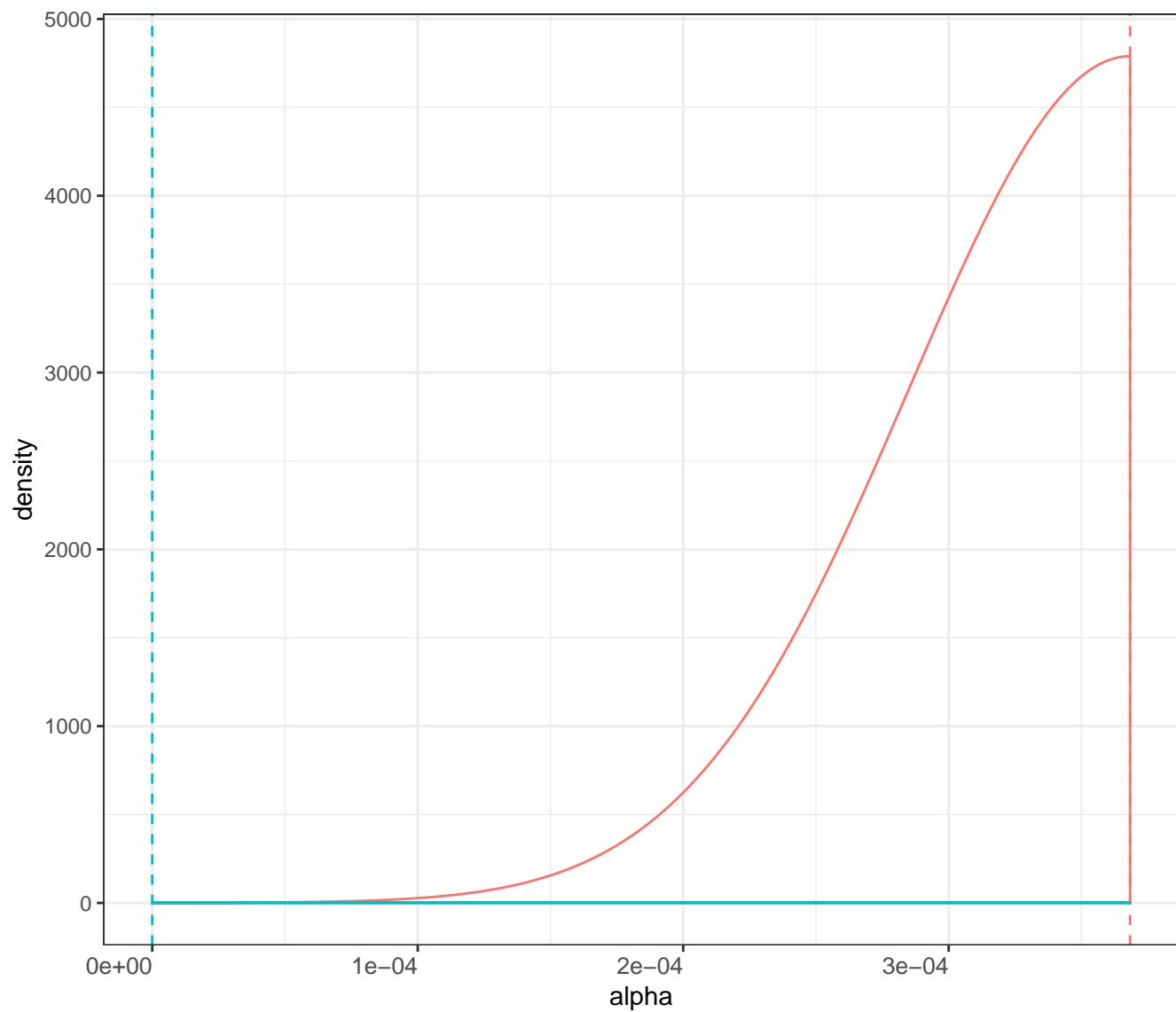
Trace plot for the number of groups K for S=80 r=5 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=80 ,r=5 true gr K=4 ,type=4 ,N=204

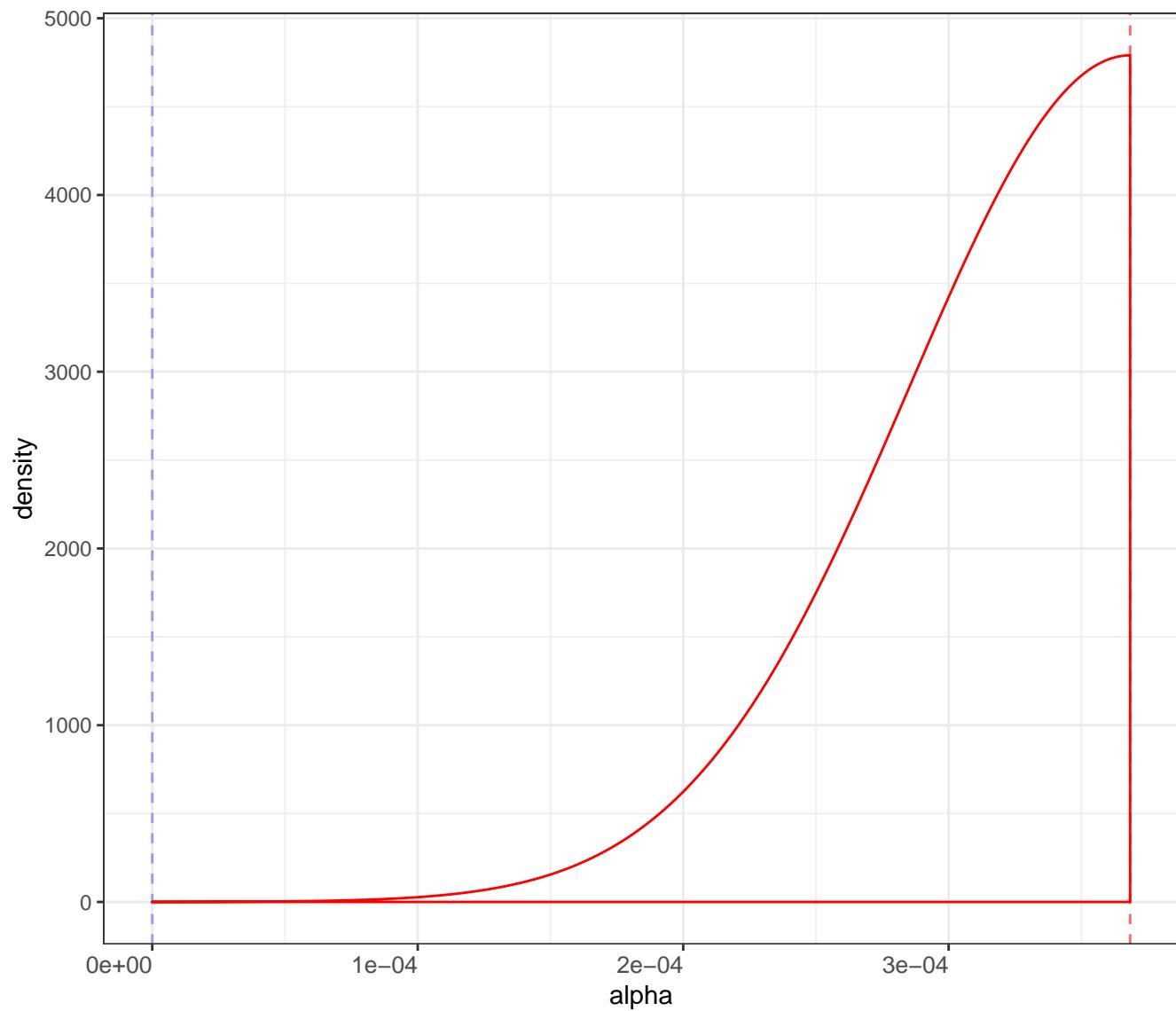
type H posterior H prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

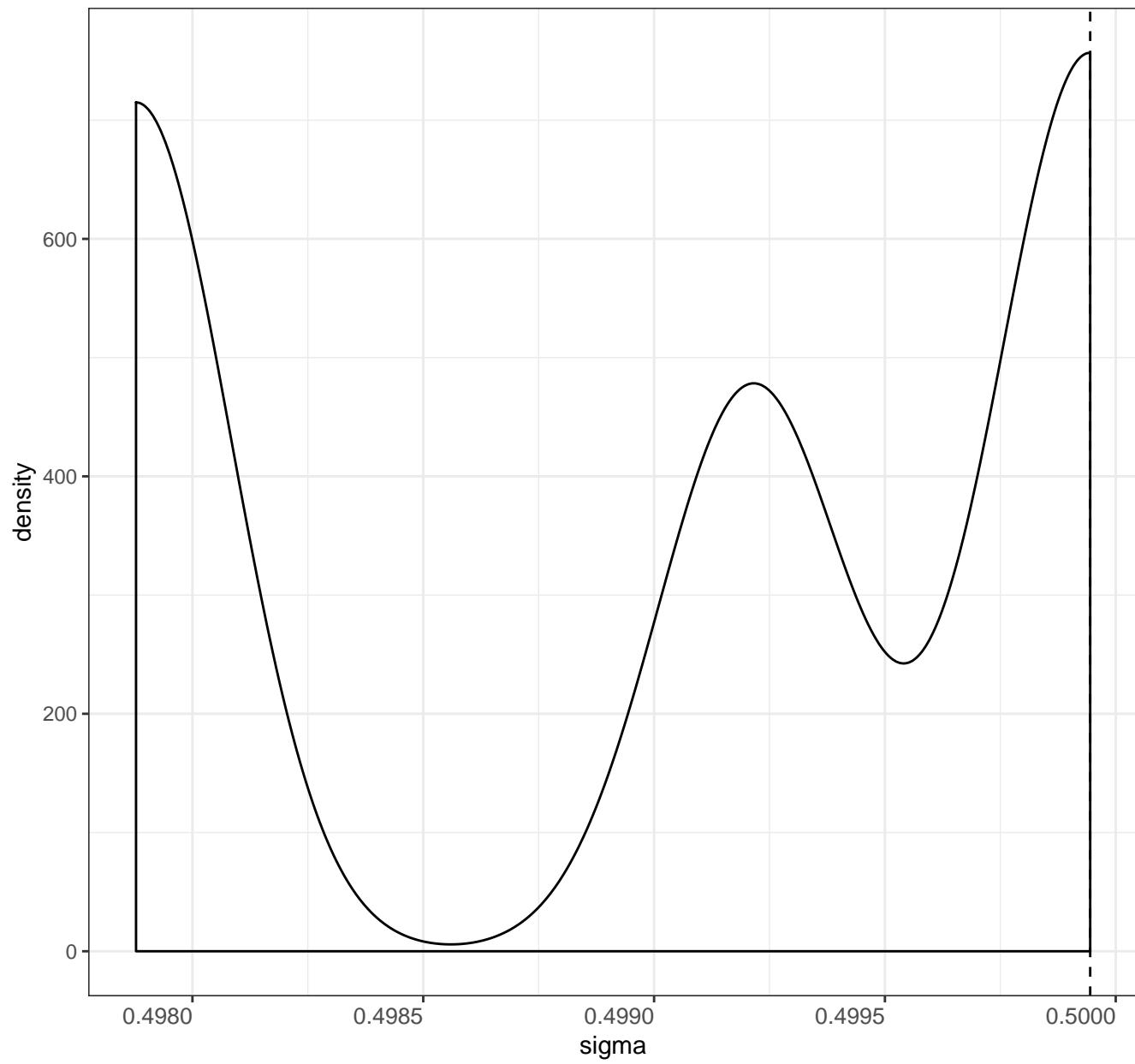
Posterior distribution for alpha

Legend | posterior mean | prior mean

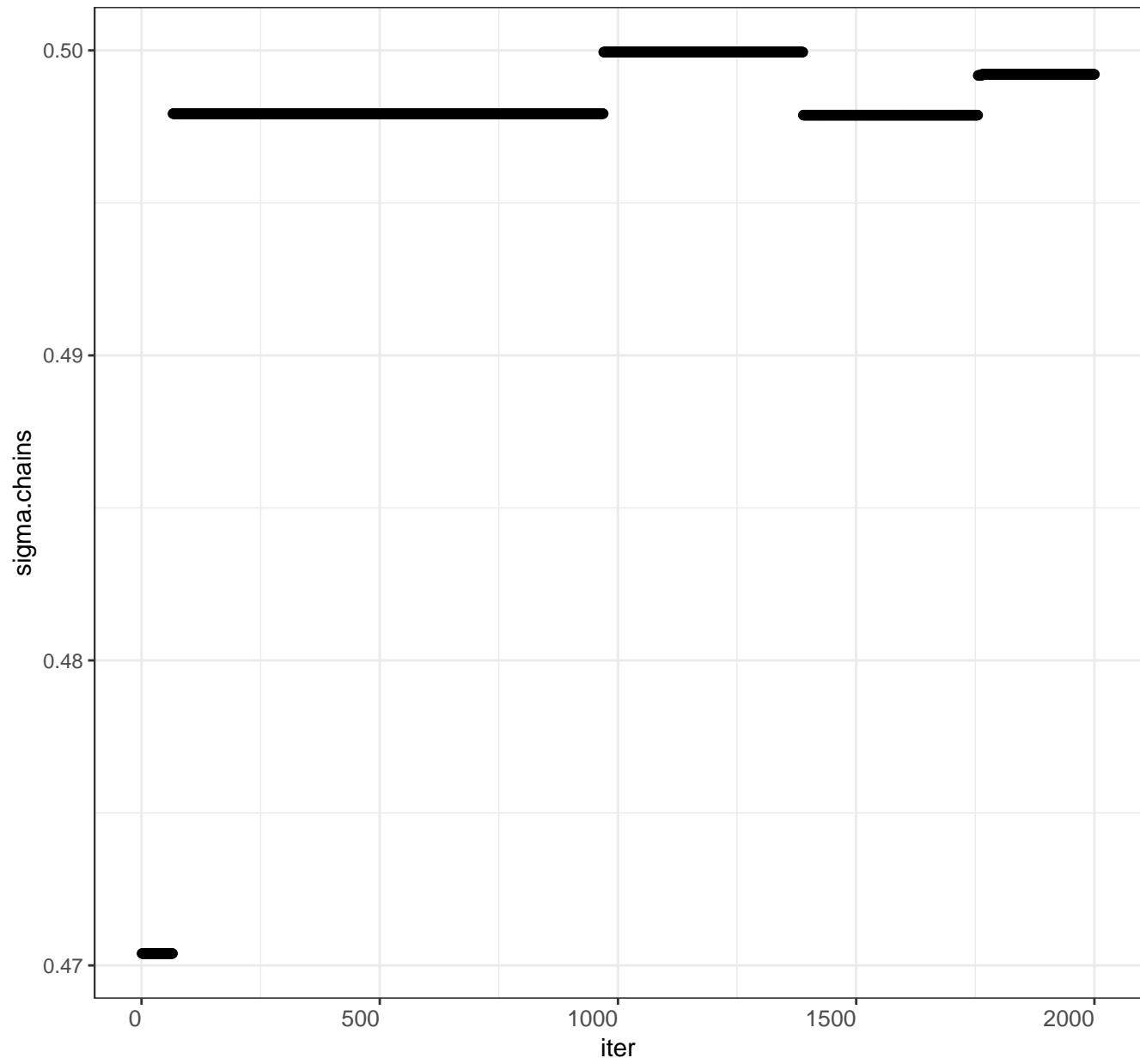


Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=5 true gr K=4 ,type=4 ,N=204

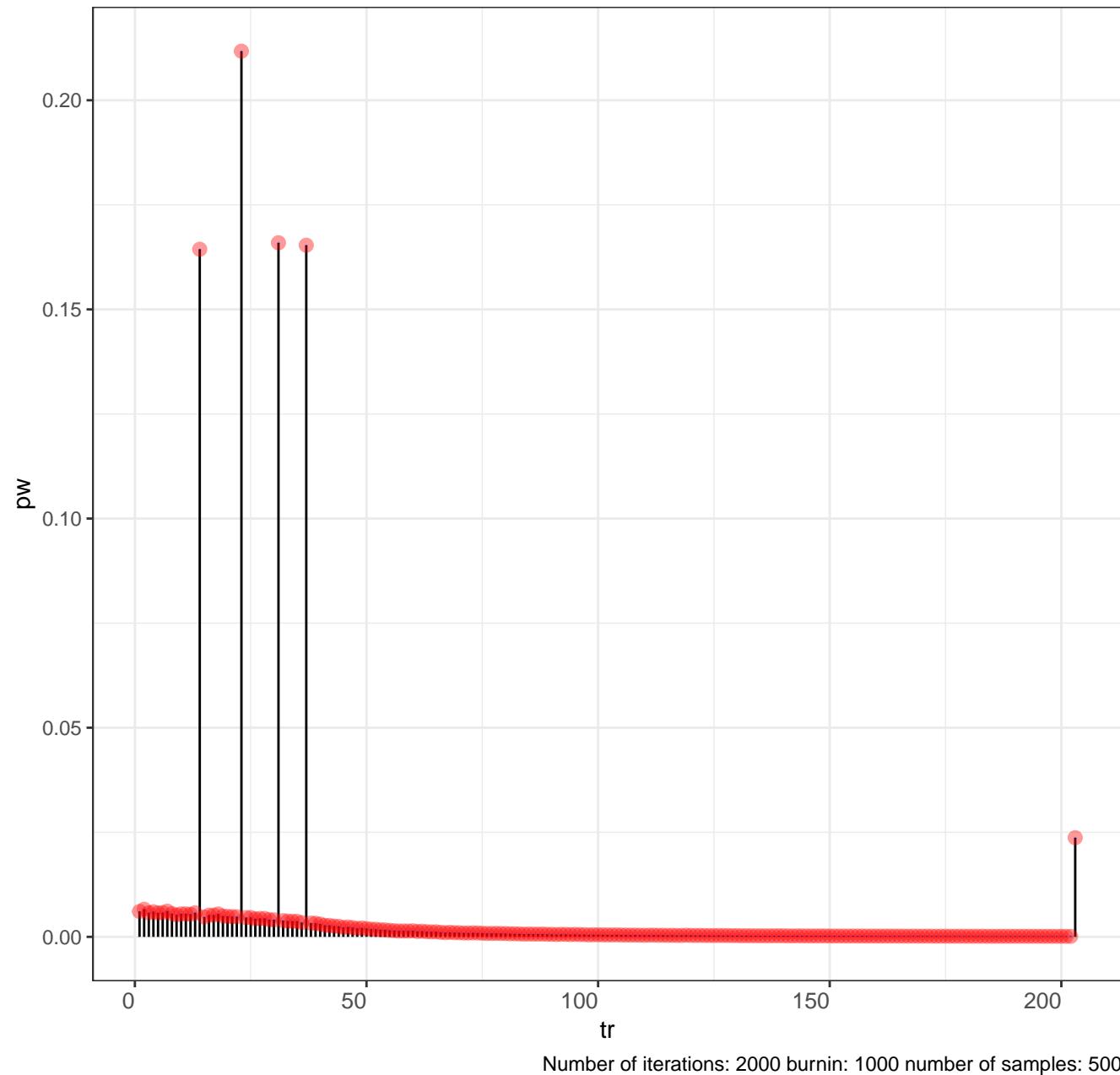
Distribution sigma: S=80 ,r=5 true gr K=4 ,type=4 ,N=204



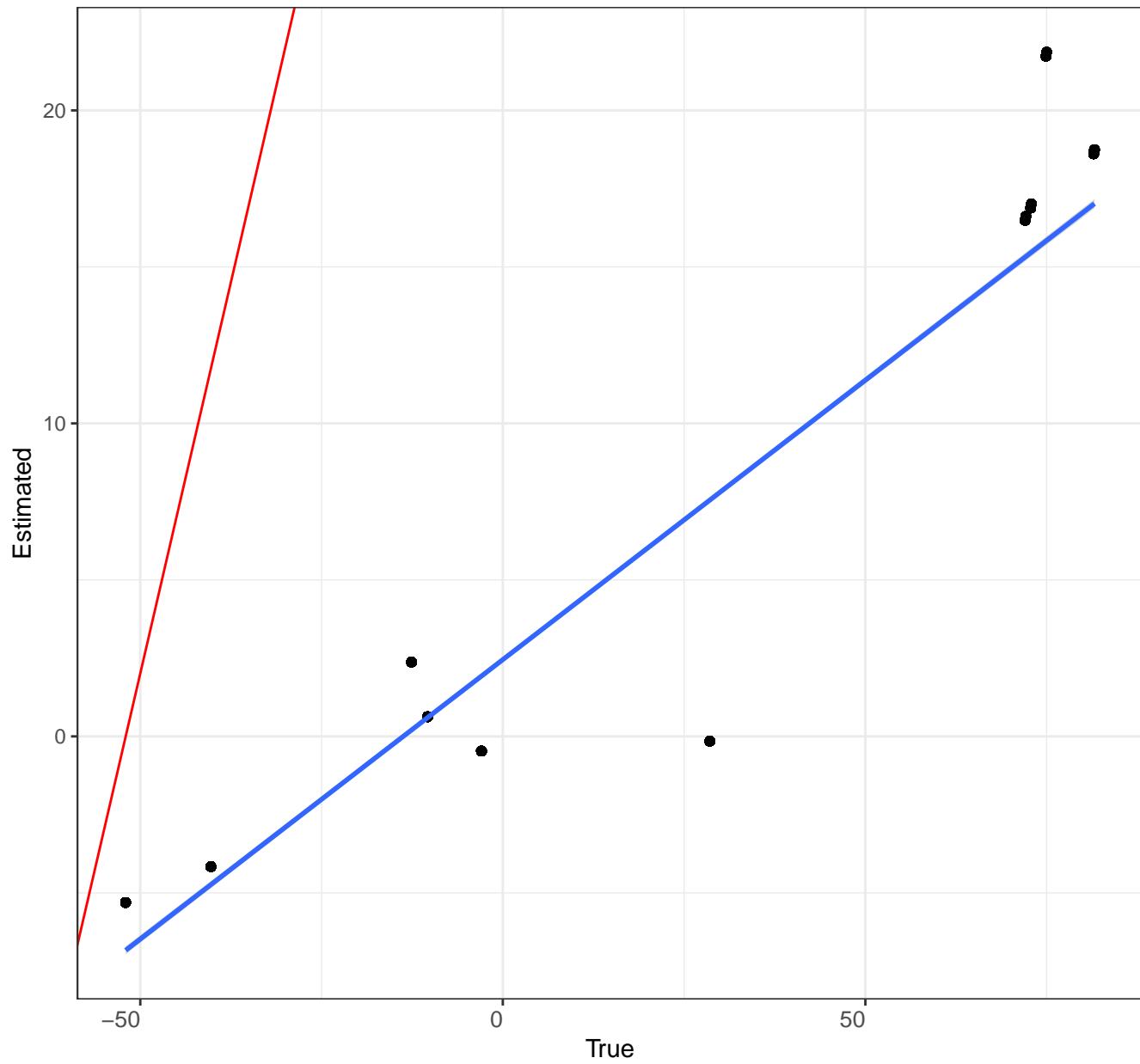
Trace plot for the sigma for S=80 r=5 true K=4 type=4



Weights for the case: S=80 ,r=5 true gr K=4 ,type=4 ,N=204 pN=0.024

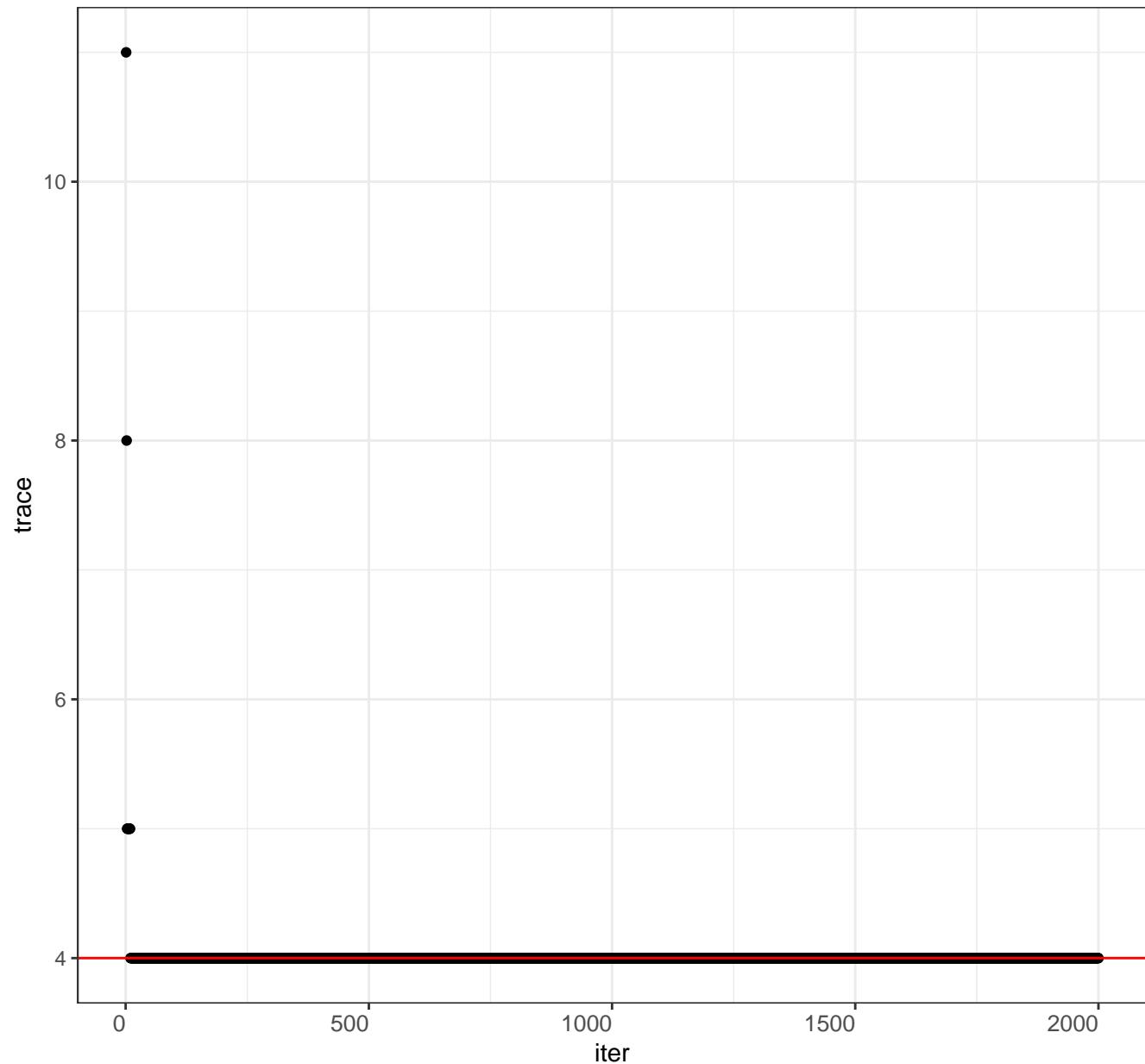


True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 r=5 true K=4 type=4

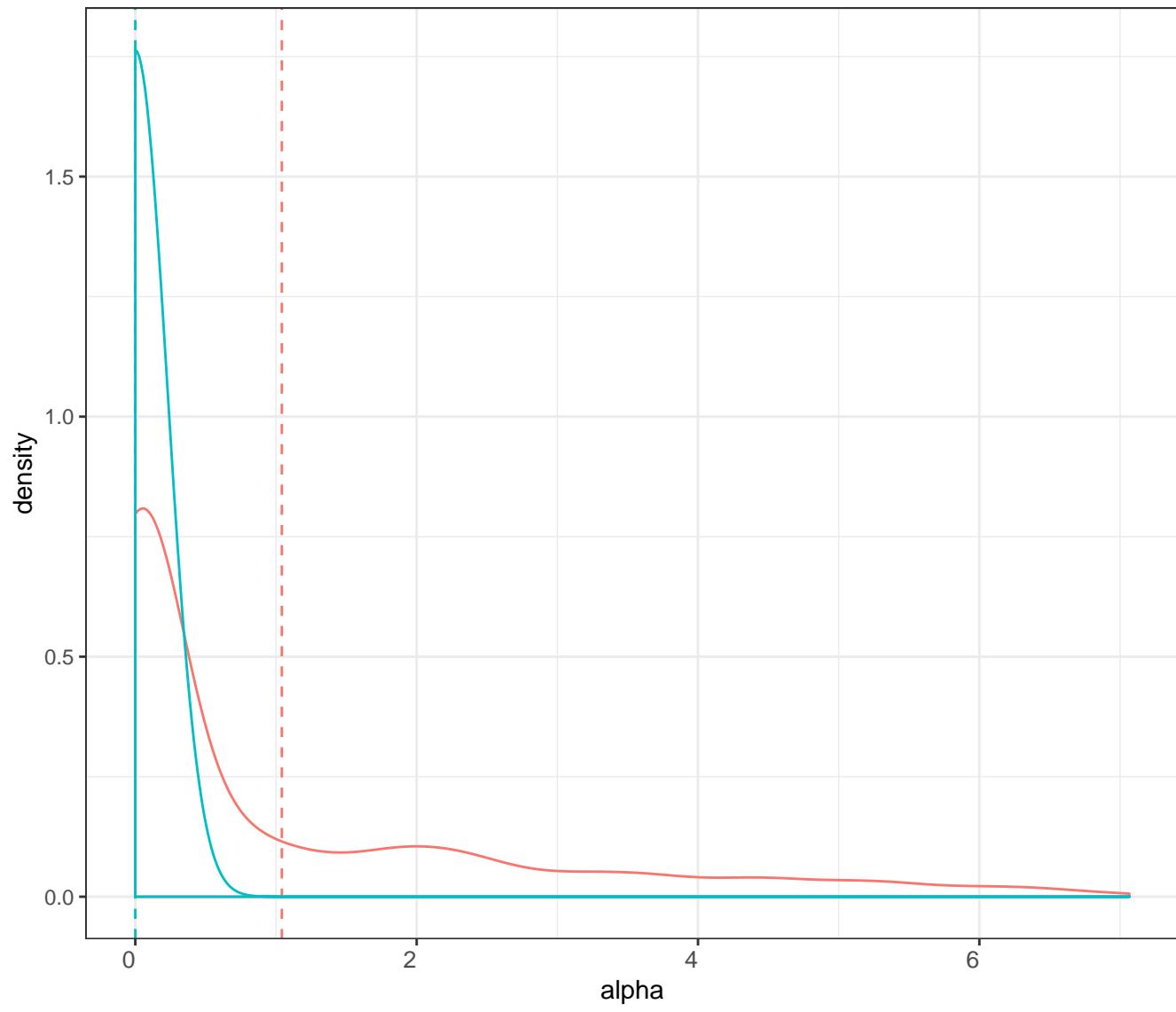
Trace plot for the number of groups K for S=80 r=5 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=80 ,r=5 true gr K=4 ,type=4 ,N=204

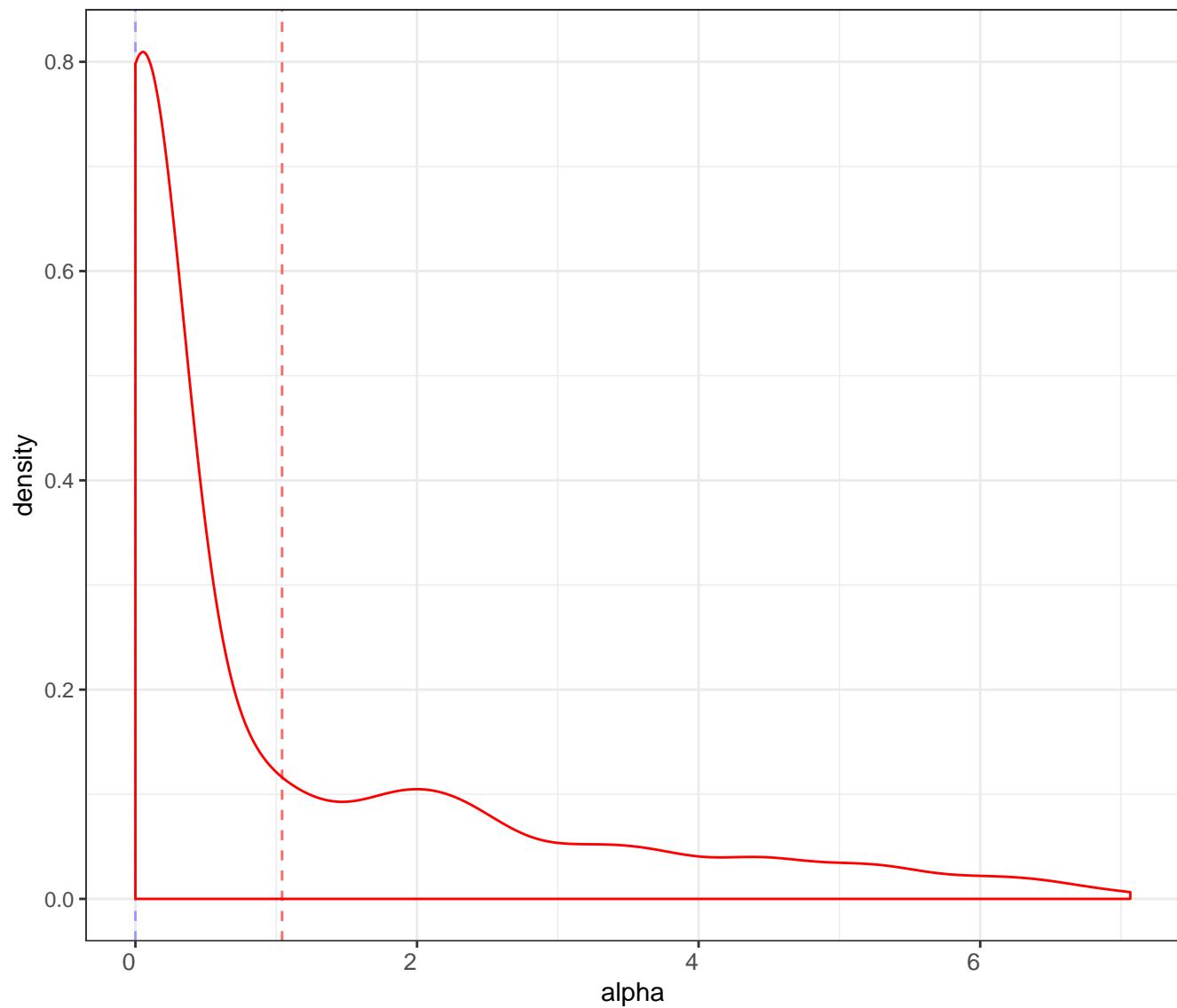
type [] posterior [] prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

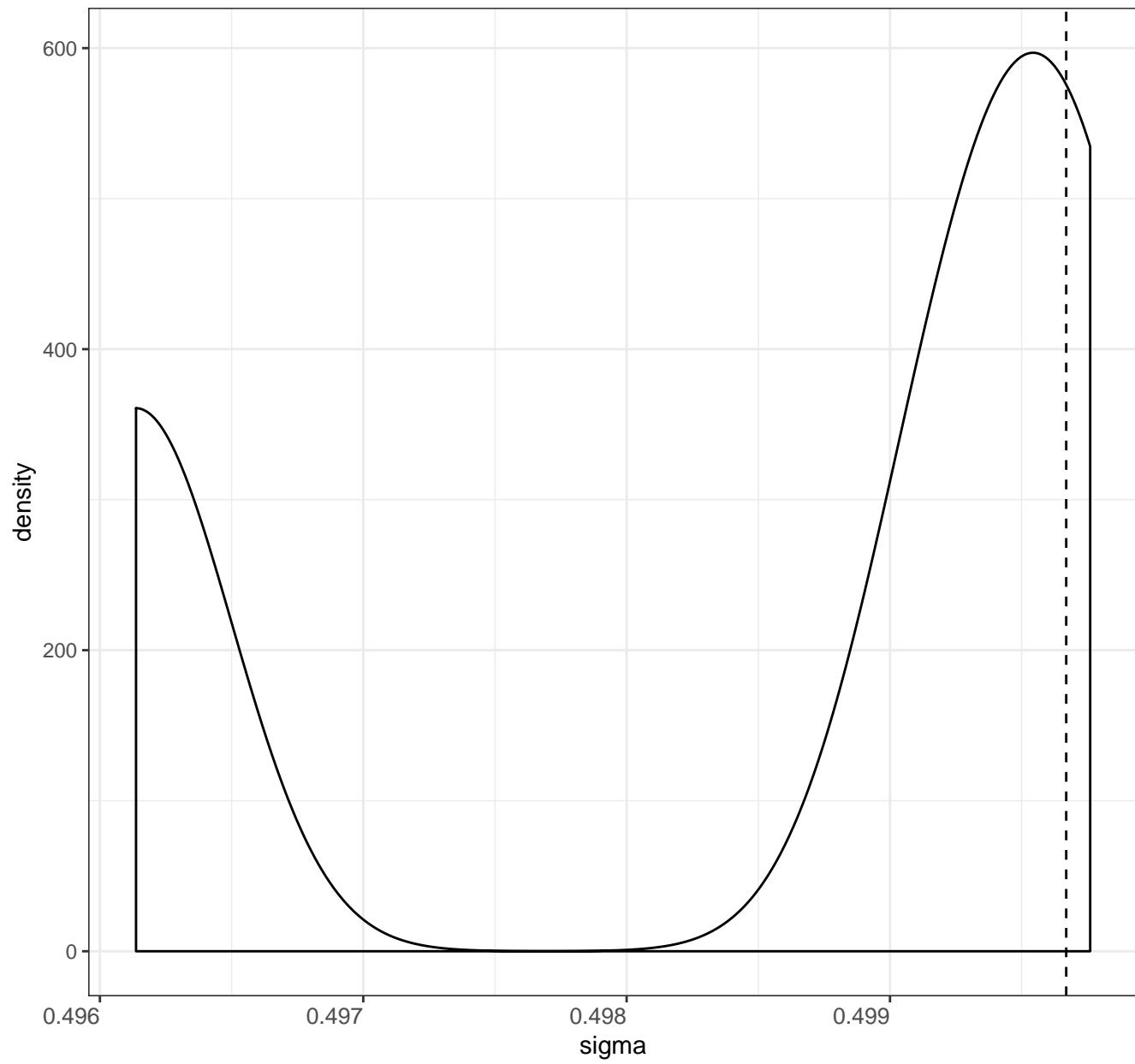
Posterior distribution for alpha

Legend | posterior mean | prior mean

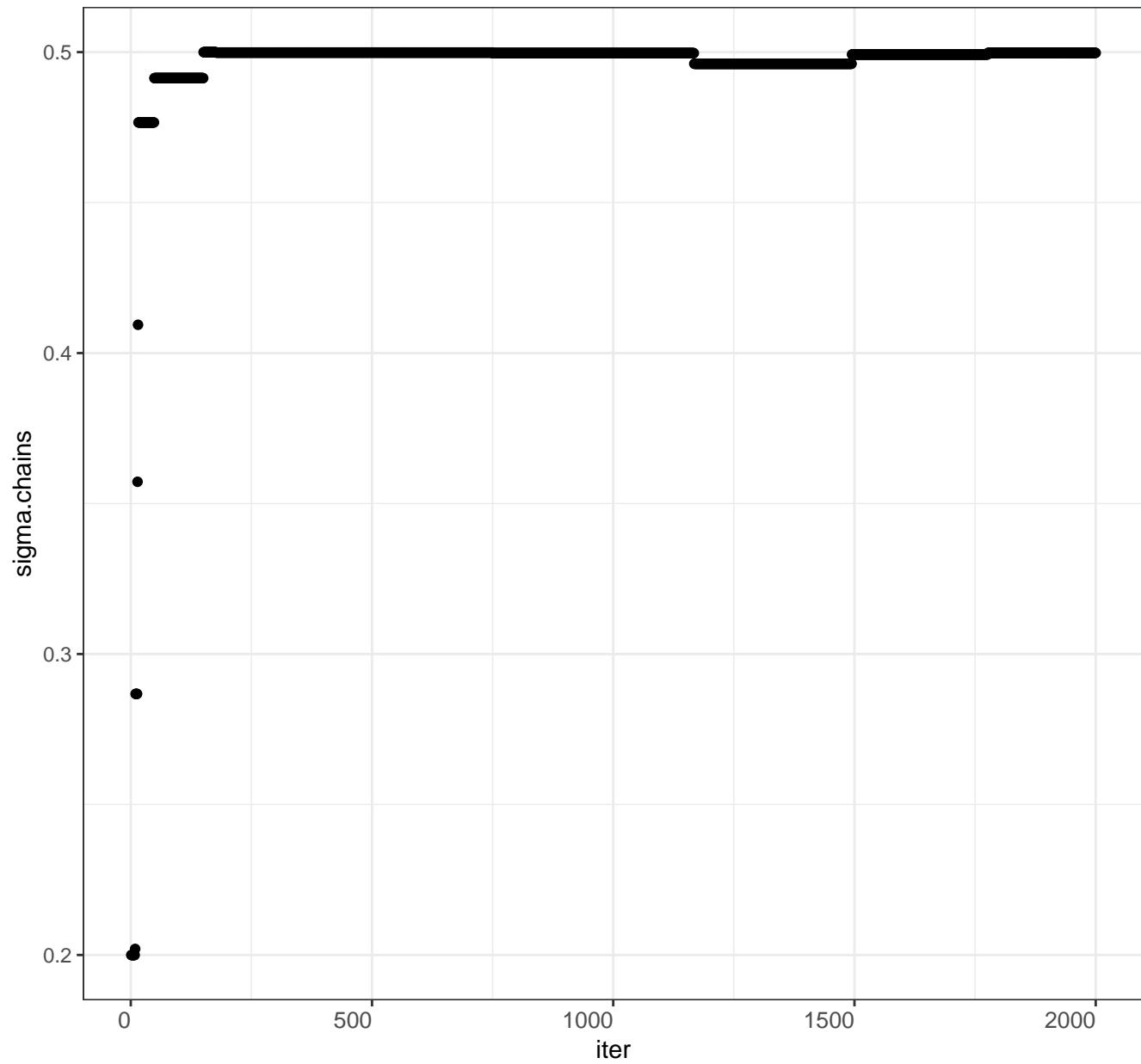


Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=5 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=80 ,r=5 true gr K=4 ,type=4 ,N=204

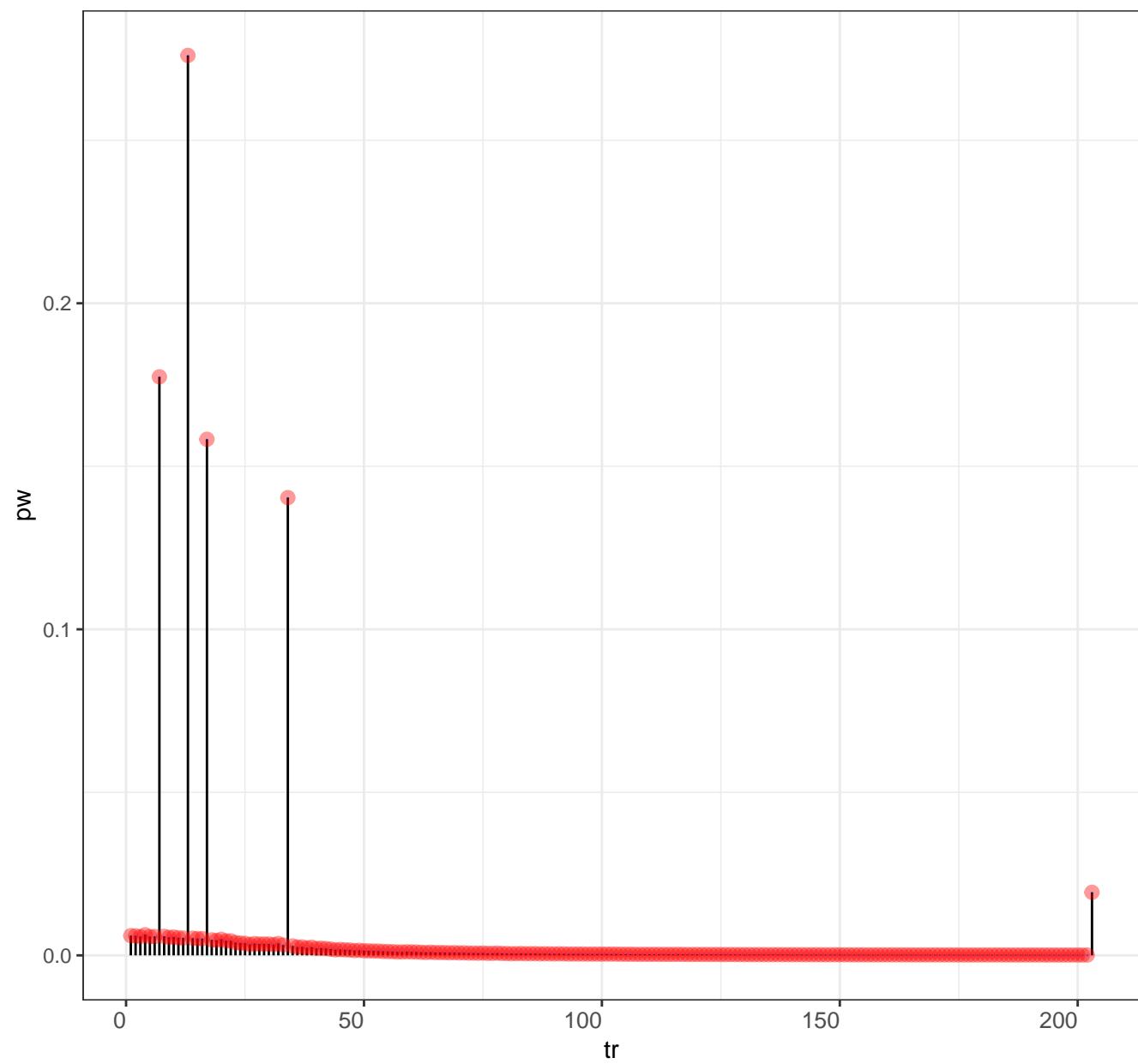


Trace plot for the sigma for S=80 r=5 true K=4 type=4



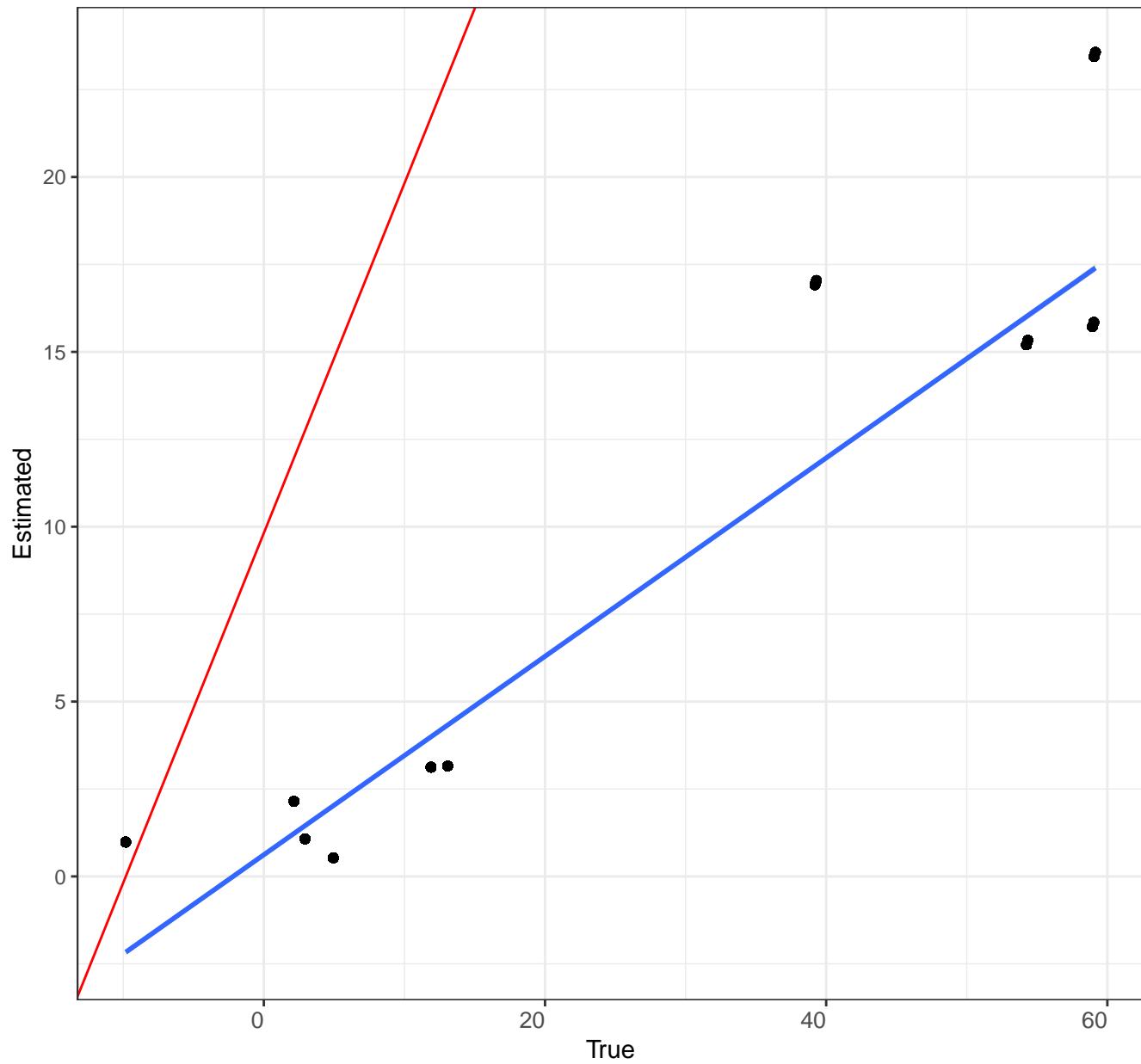
Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=80 ,r=5 true gr K=4 ,type=4 ,N=204 pN=0.019



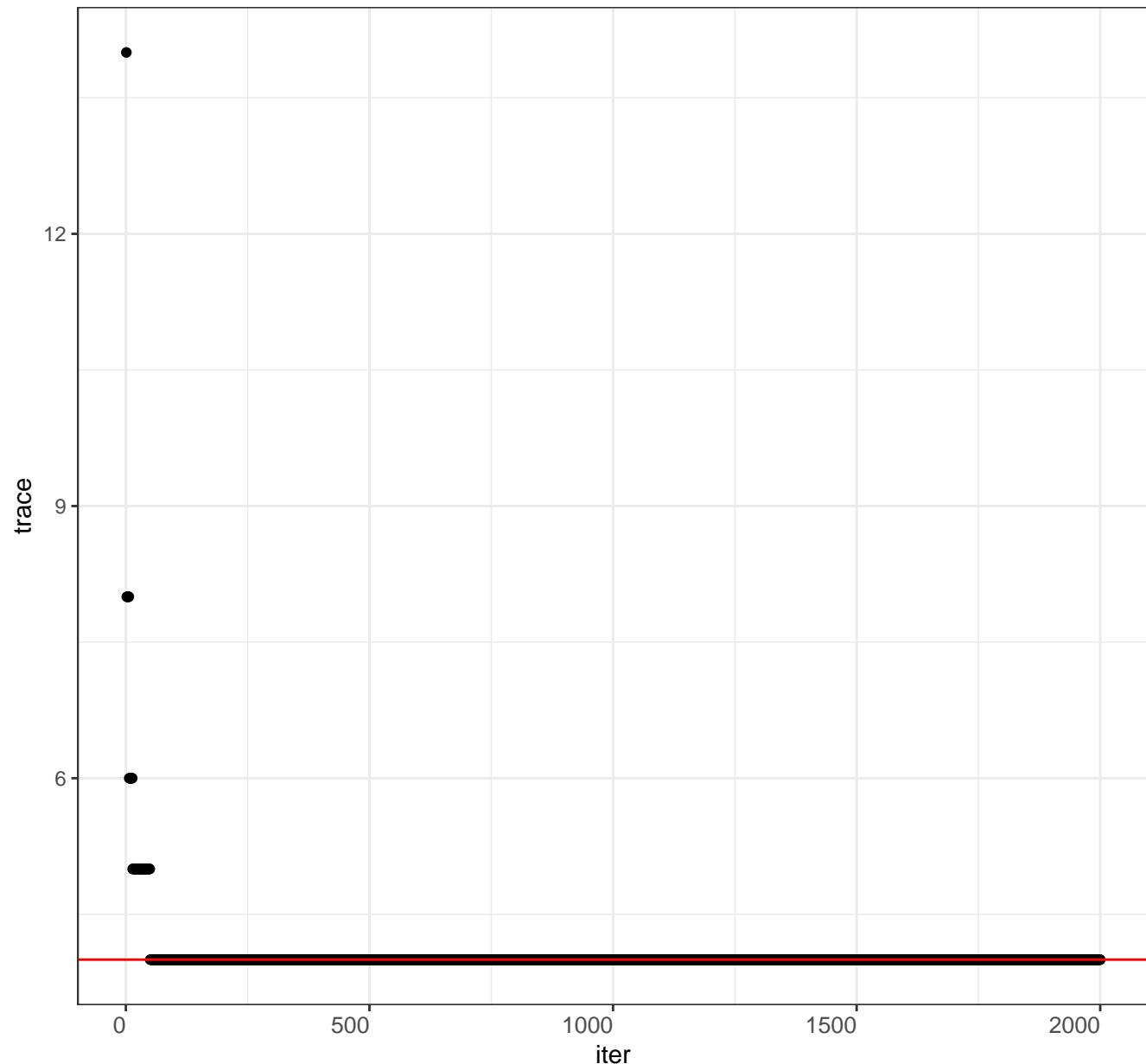
Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 r=5 true K=4 type=4

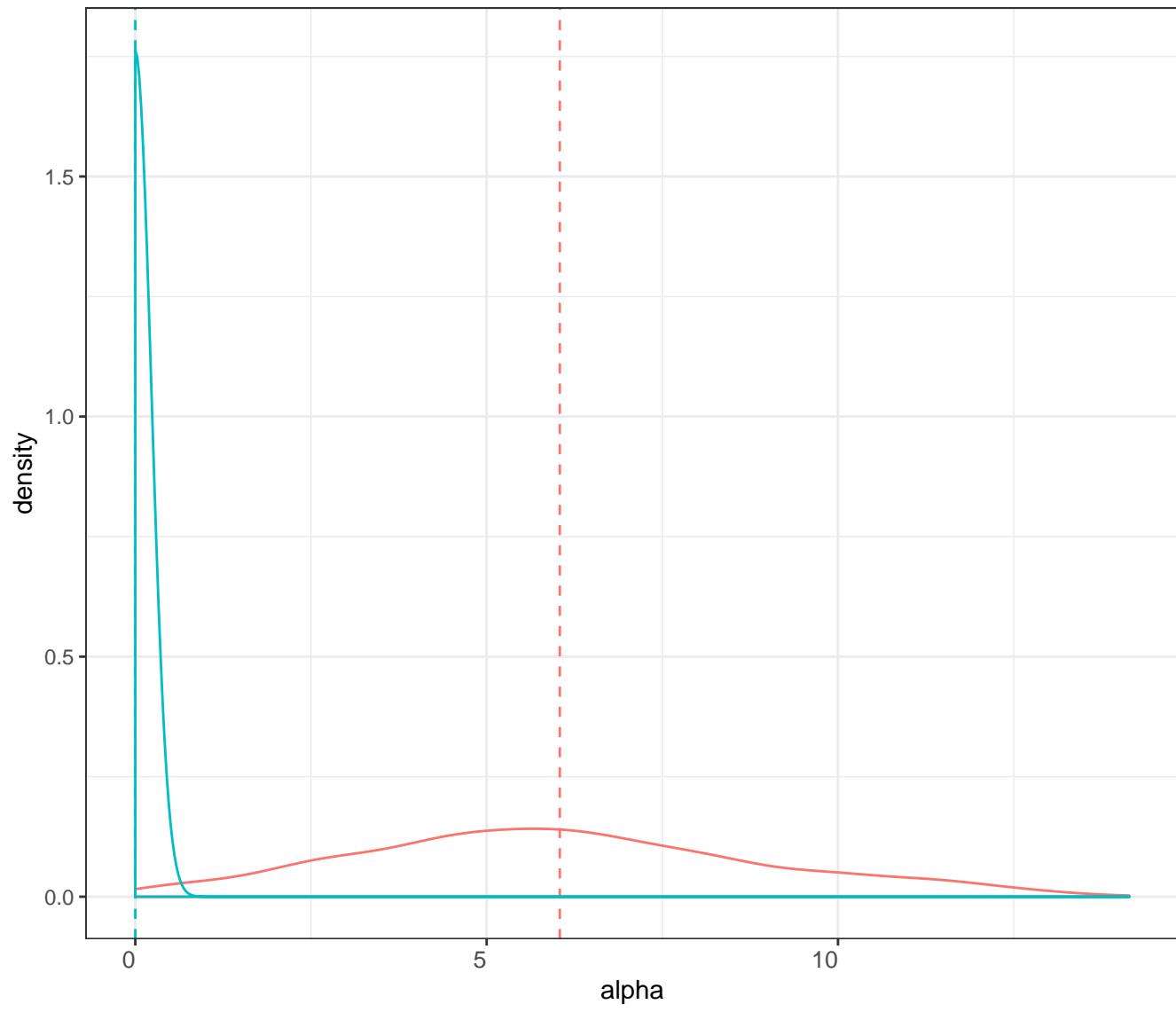
Trace plot for the number of groups K for S=80 r=5 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=80 ,r=5 true gr K=4 ,type=4 ,N=204

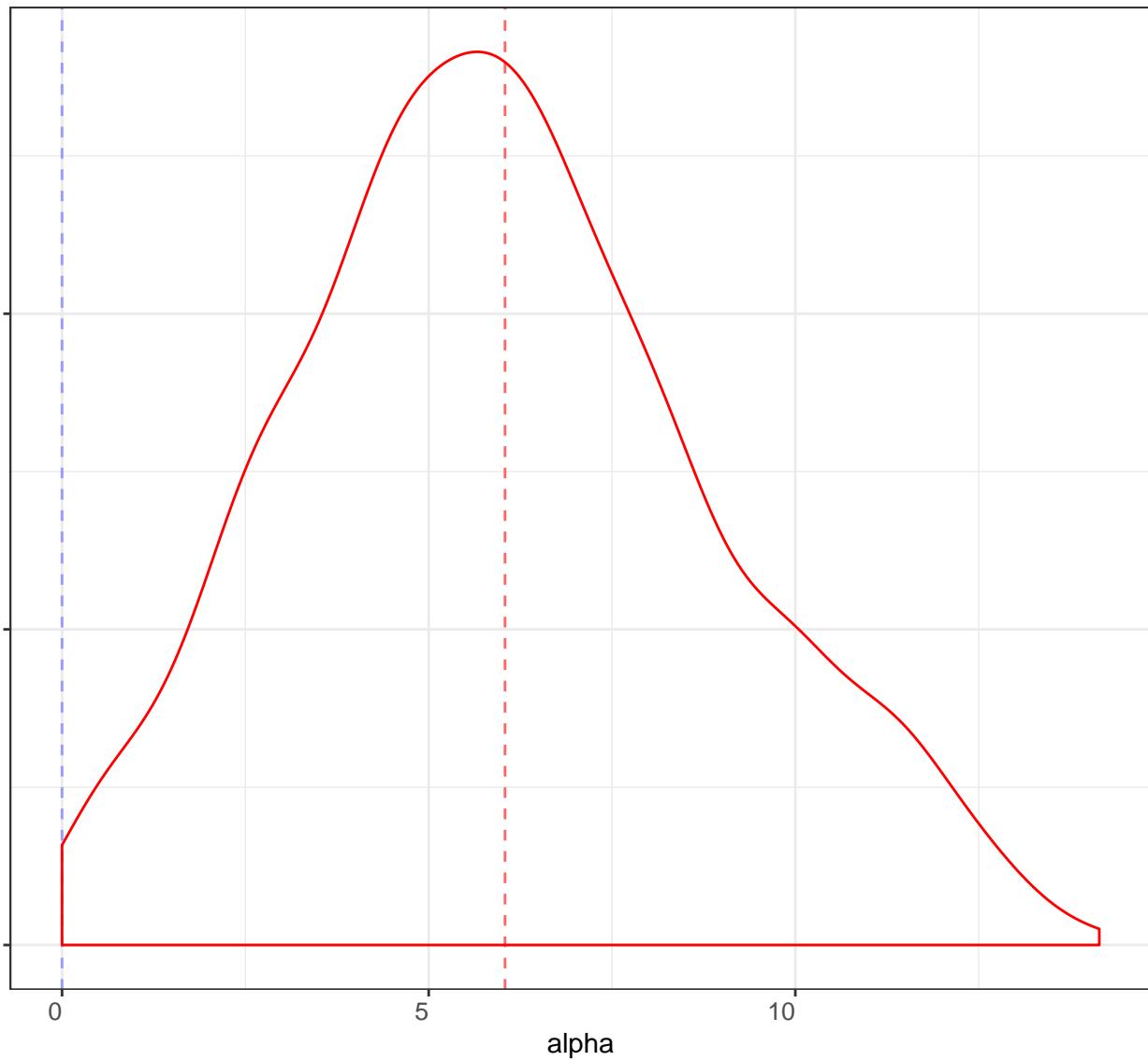
type □ posterior □ prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

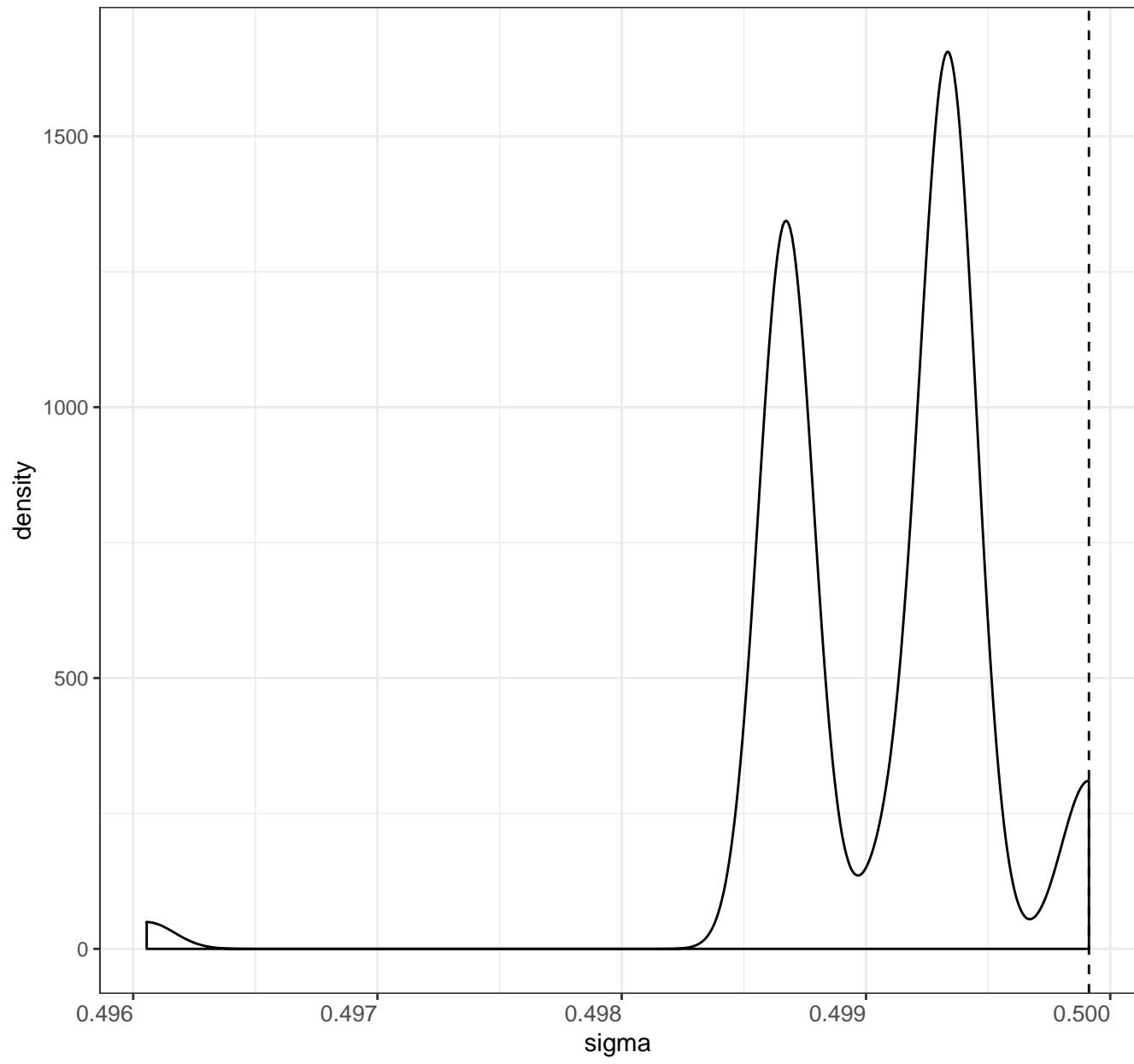
Posterior distribution for alpha

Legend | posterior mean | prior mean



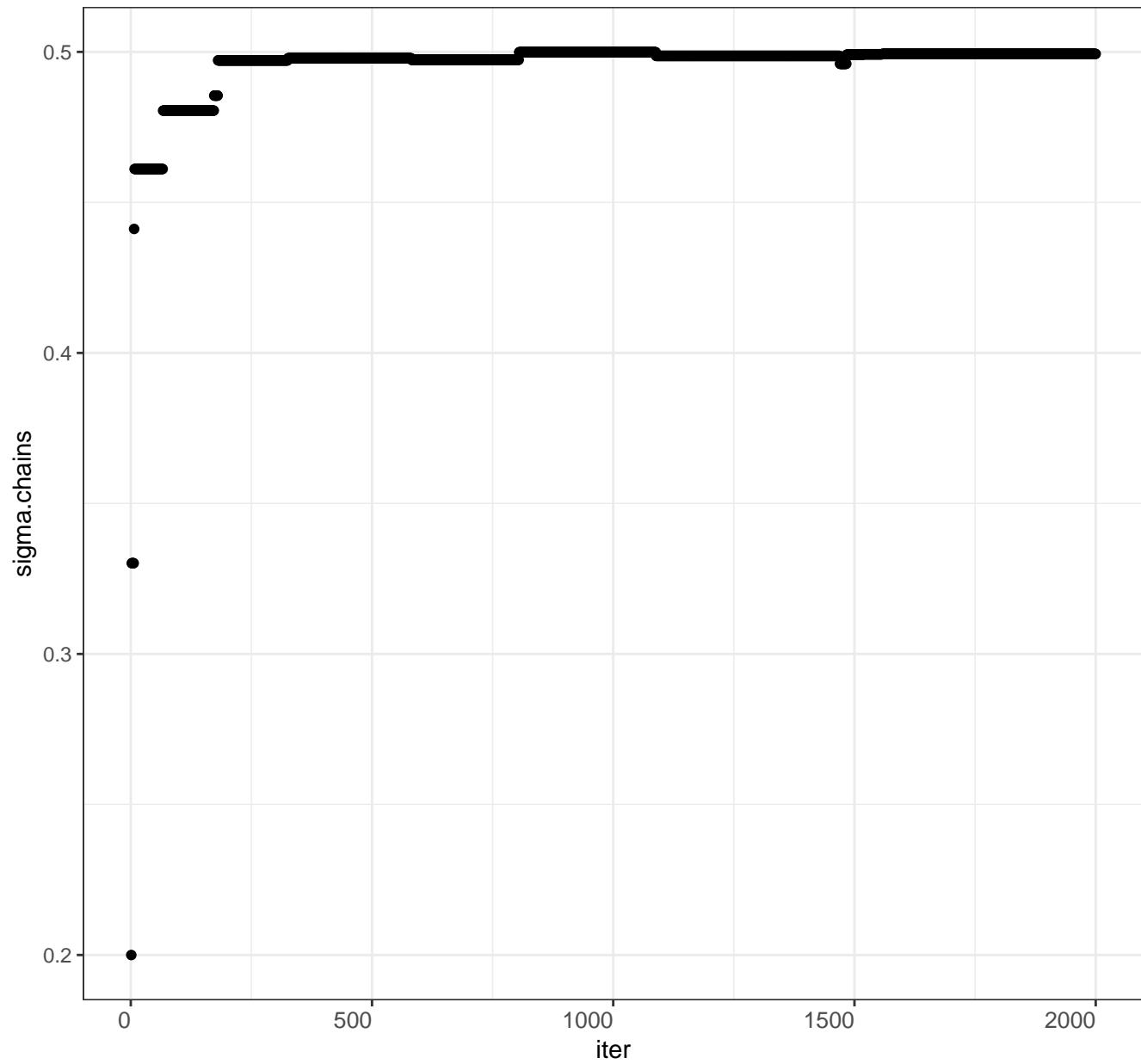
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=5 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=80 ,r=5 true gr K=4 ,type=4 ,N=204

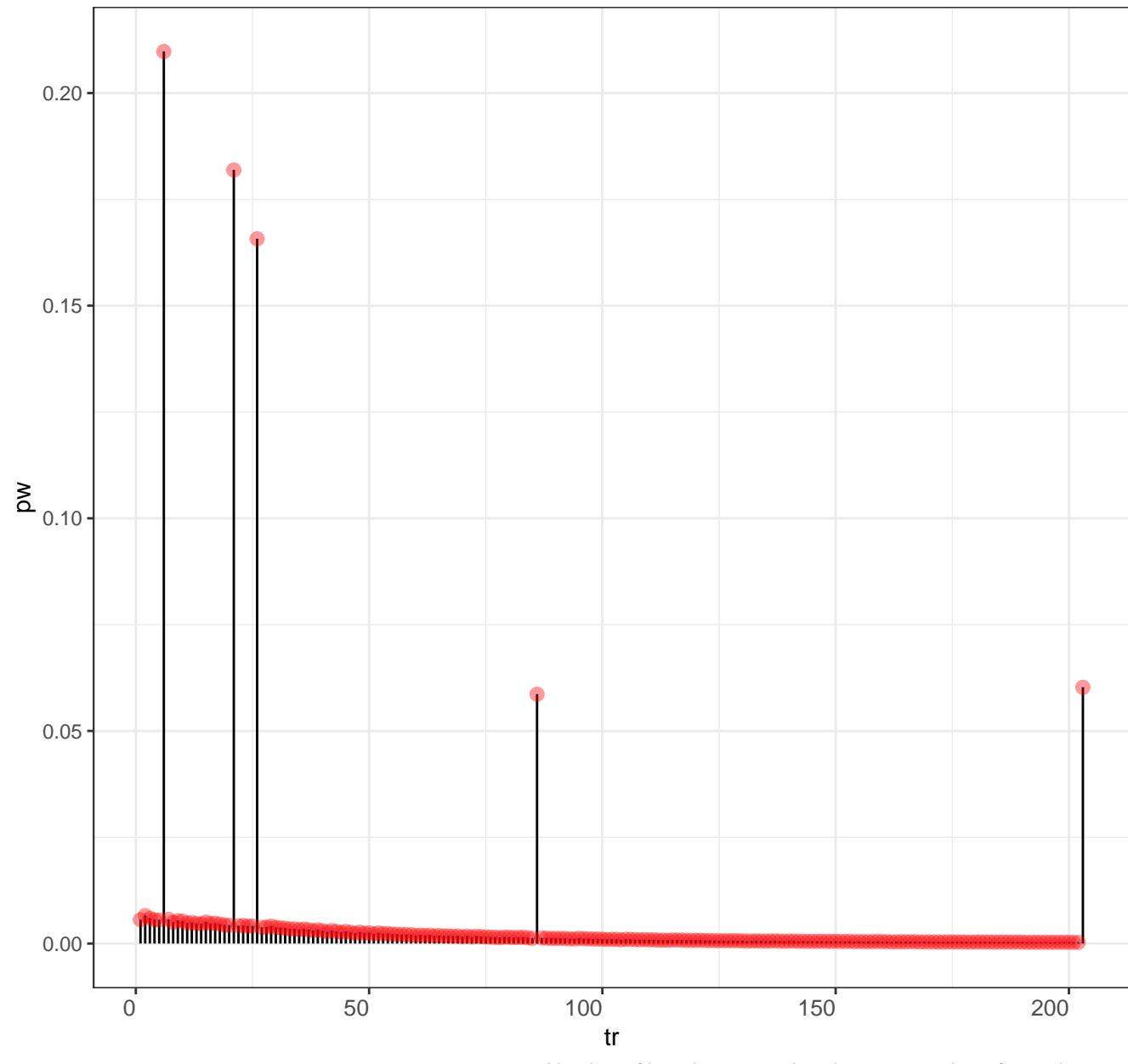


Number of iterations: 2000 burnin: 1000 number of samples: 500

Trace plot for the sigma for S=80 r=5 true K=4 type=4

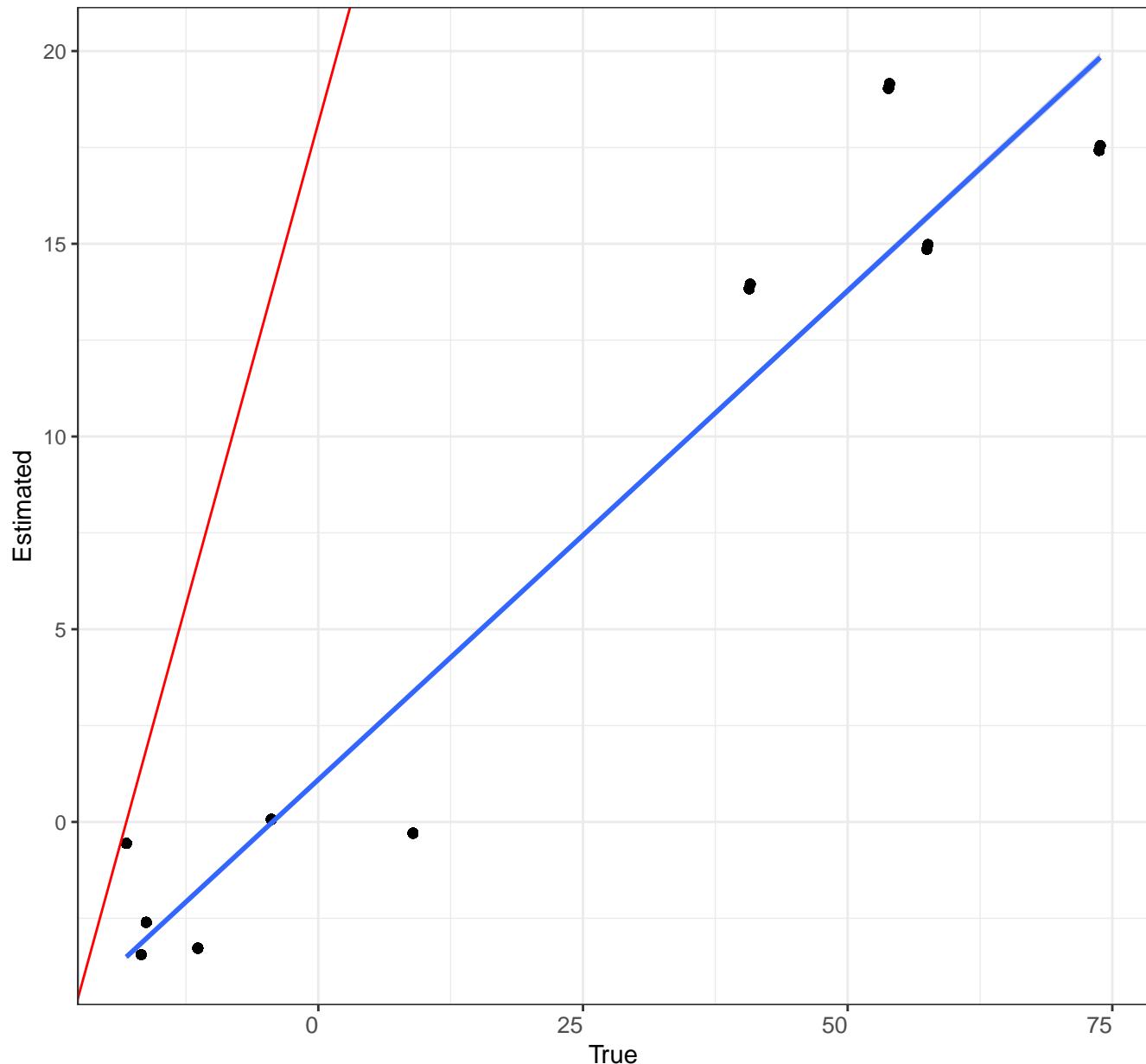


Weights for the case: S=80 ,r=5 true gr K=4 ,type=4 ,N=204 pN=0.06



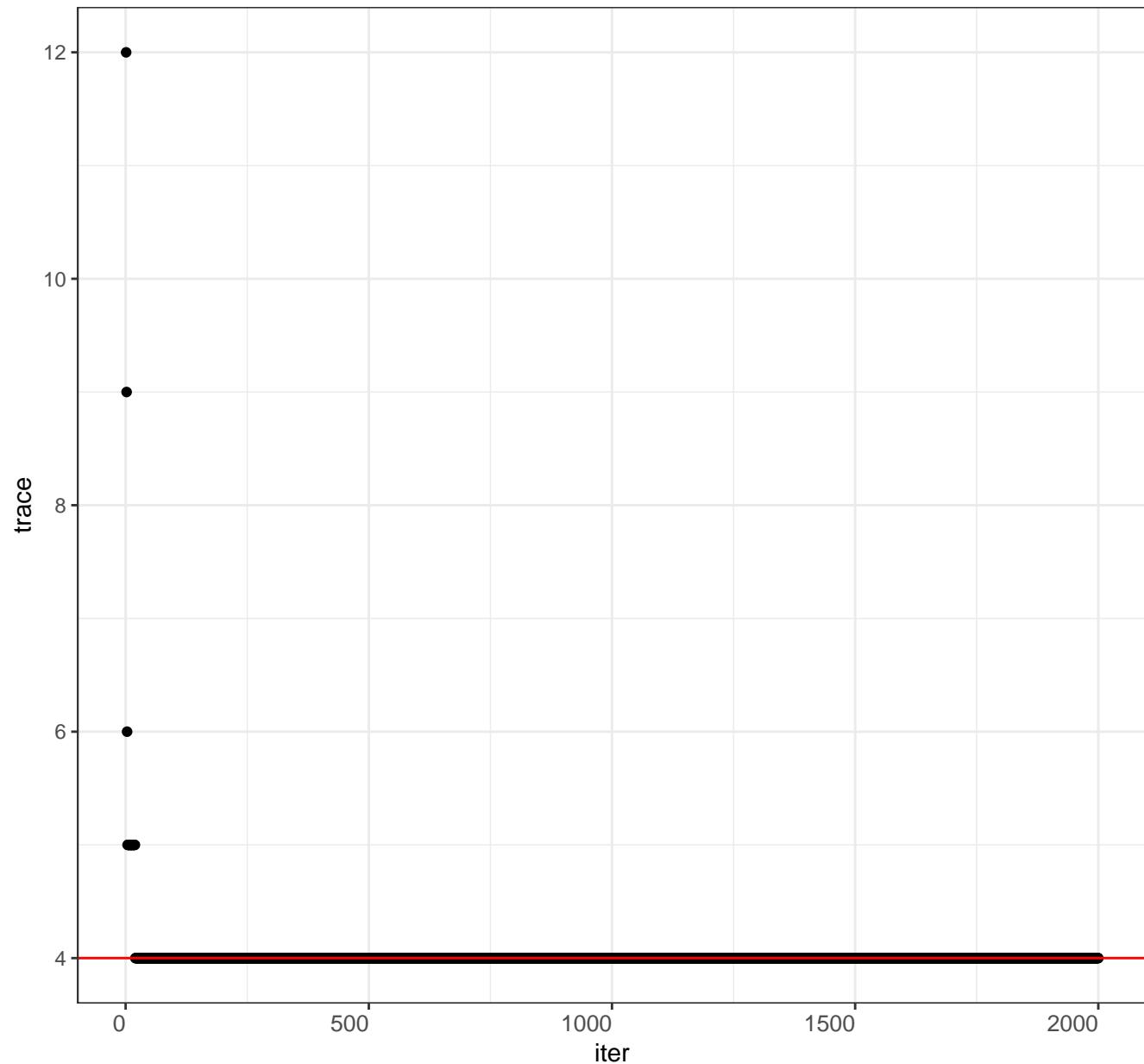
Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 r=5 true K=4 type=4

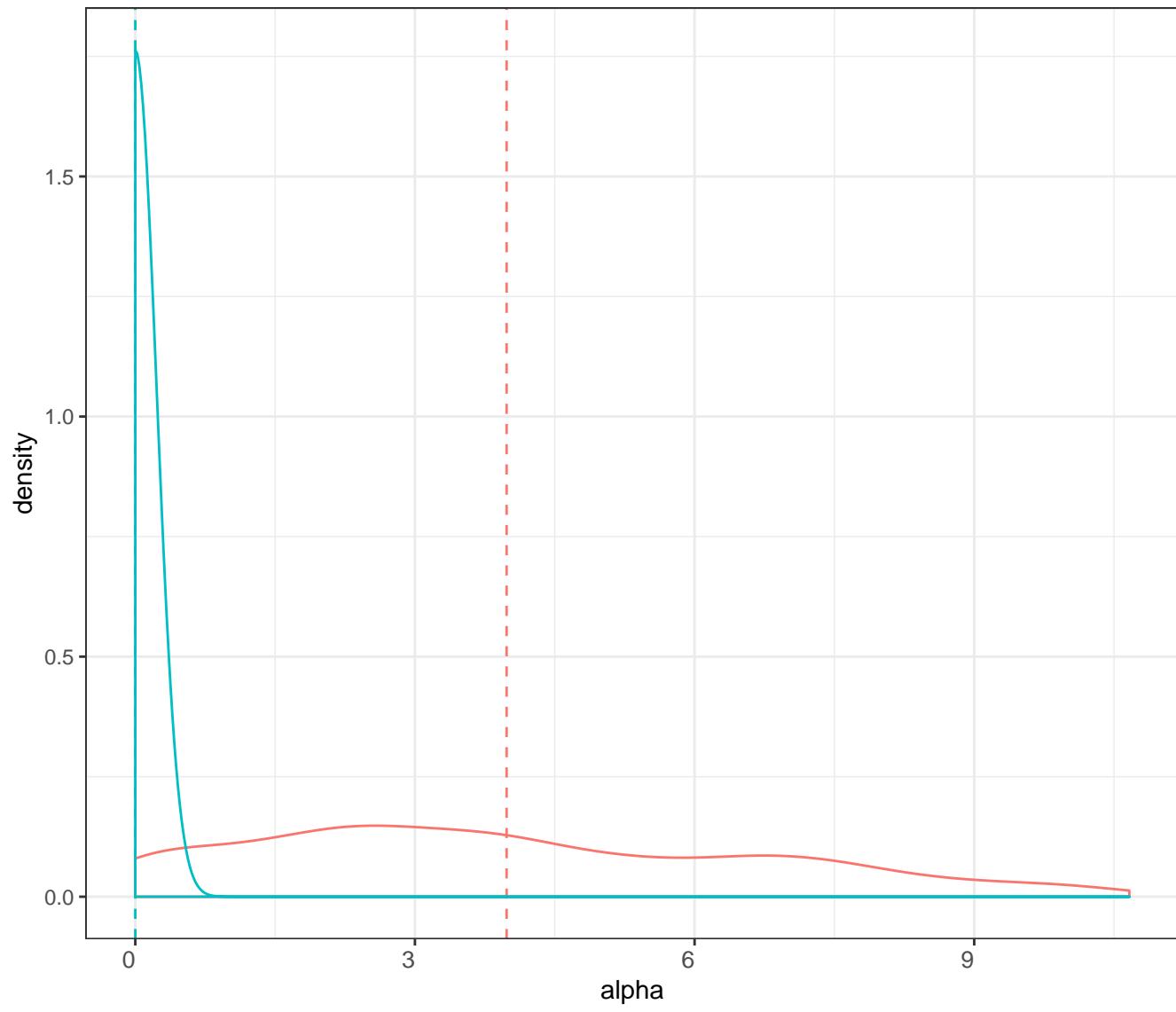
Trace plot for the number of groups K for S=80 r=5 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=80 ,r=5 true gr K=4 ,type=4 ,N=204

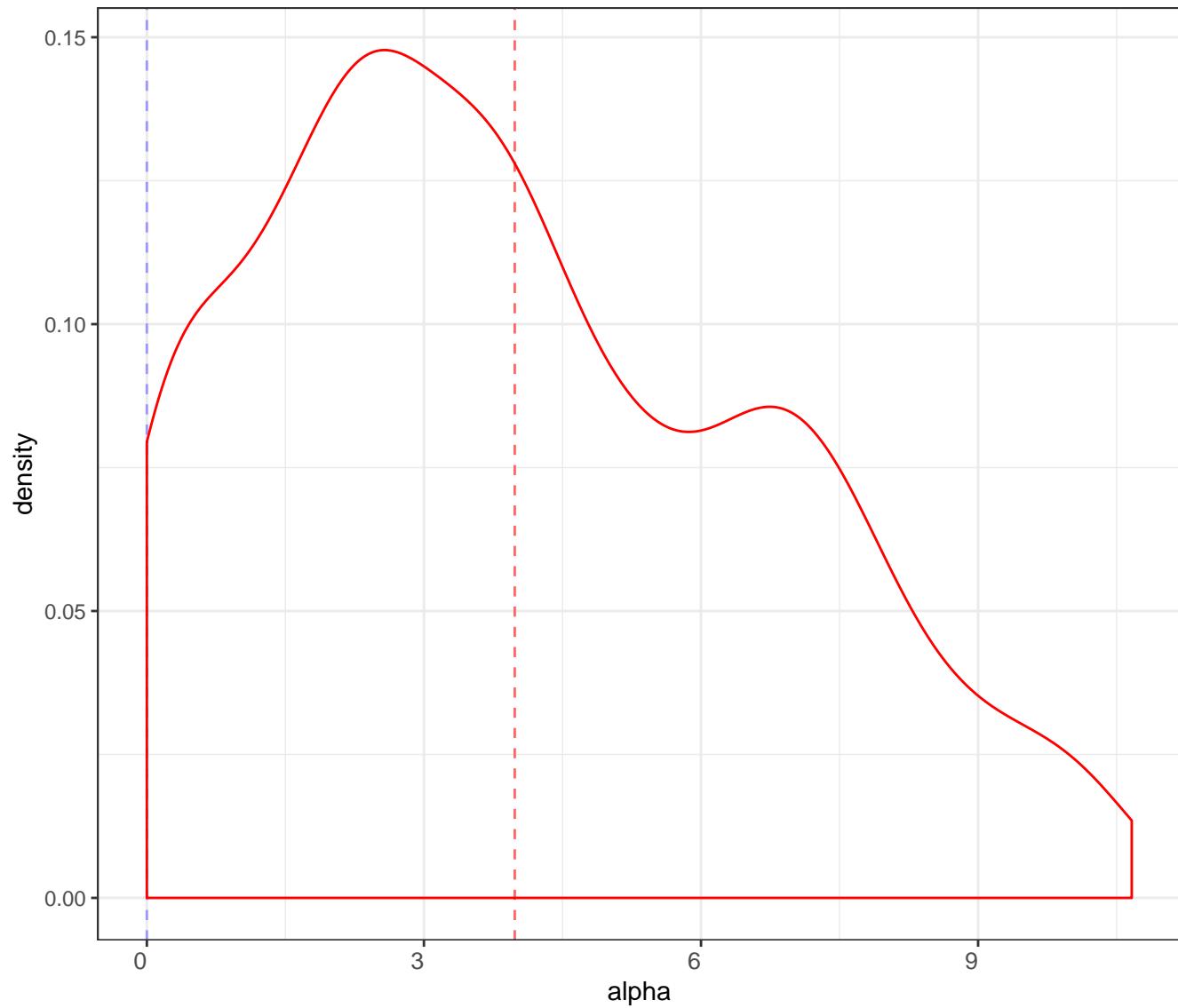
type [] posterior [] prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

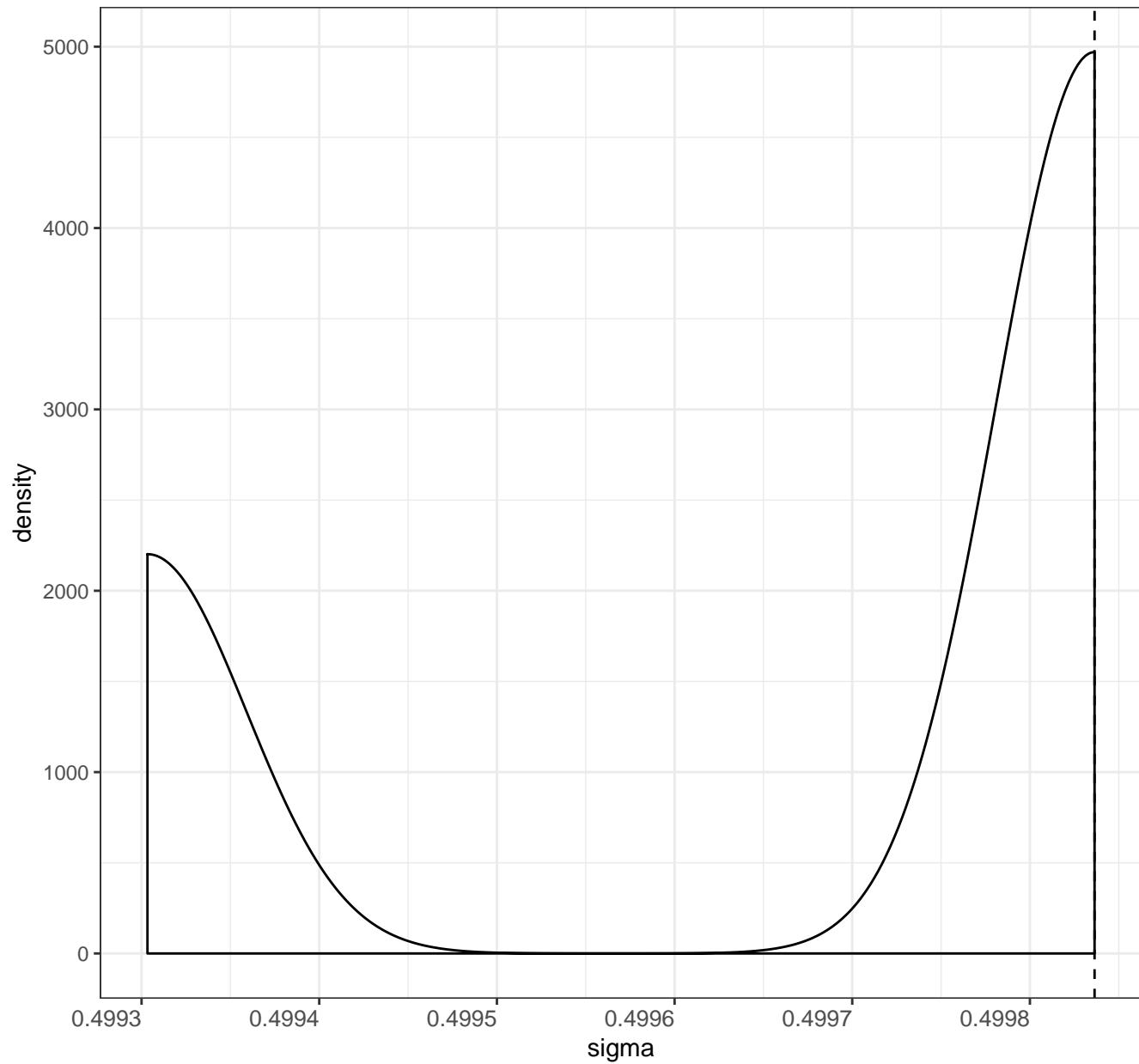
Posterior distribution for alpha

Legend | posterior mean | prior mean



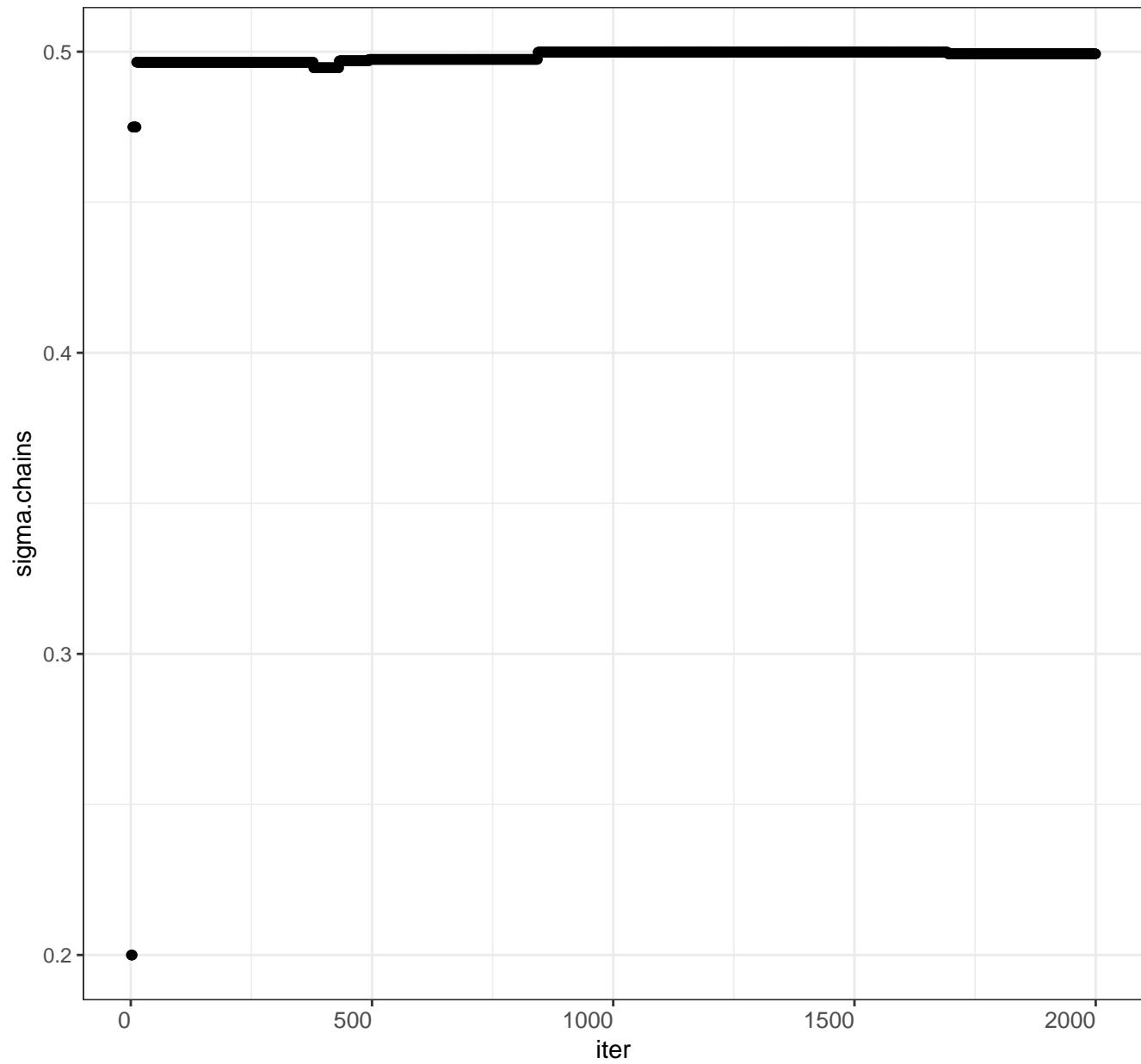
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=5 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=80 ,r=5 true gr K=4 ,type=4 ,N=204



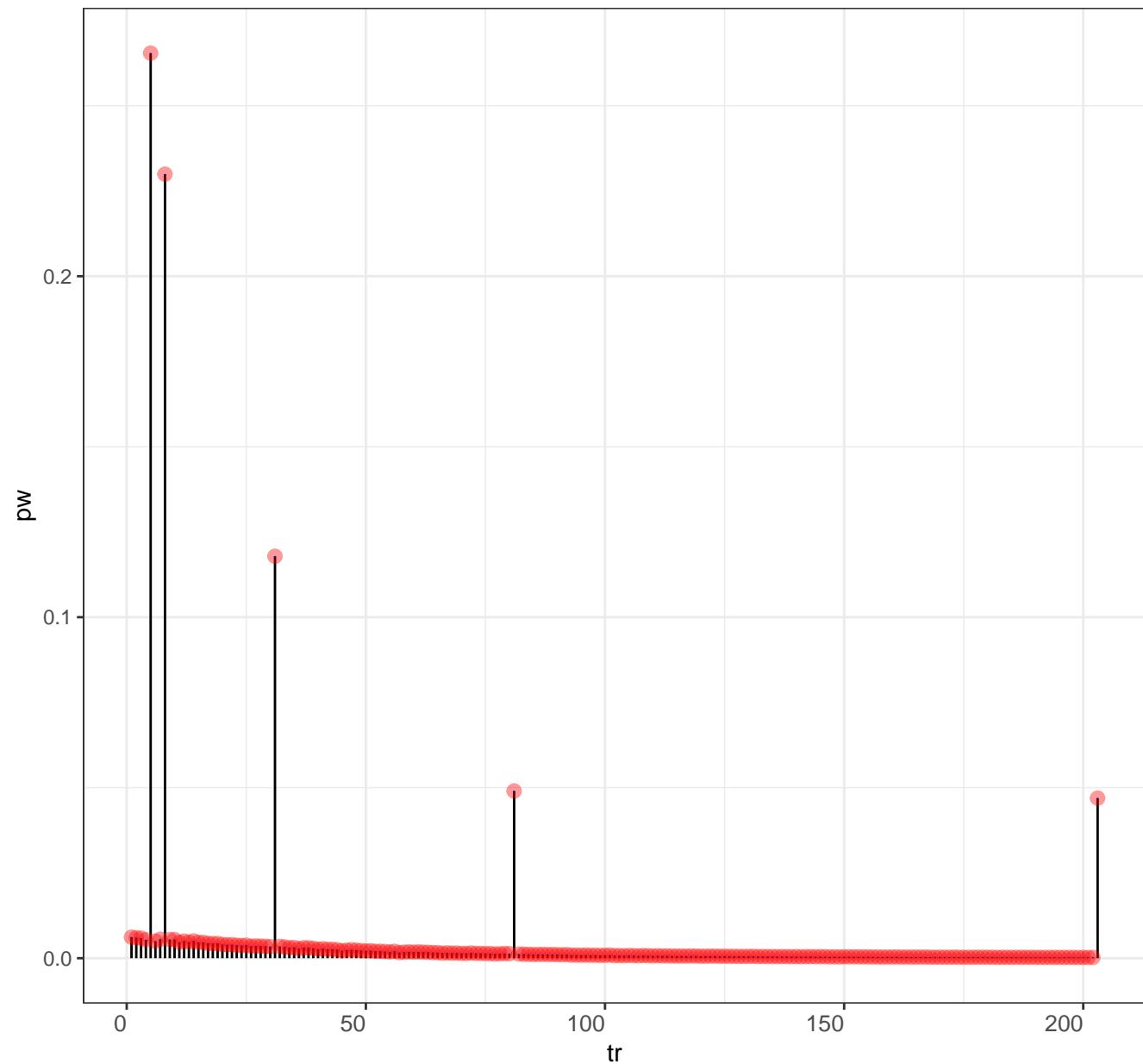
Number of iterations: 2000 burnin: 1000 number of samples: 500

Trace plot for the sigma for S=80 r=5 true K=4 type=4



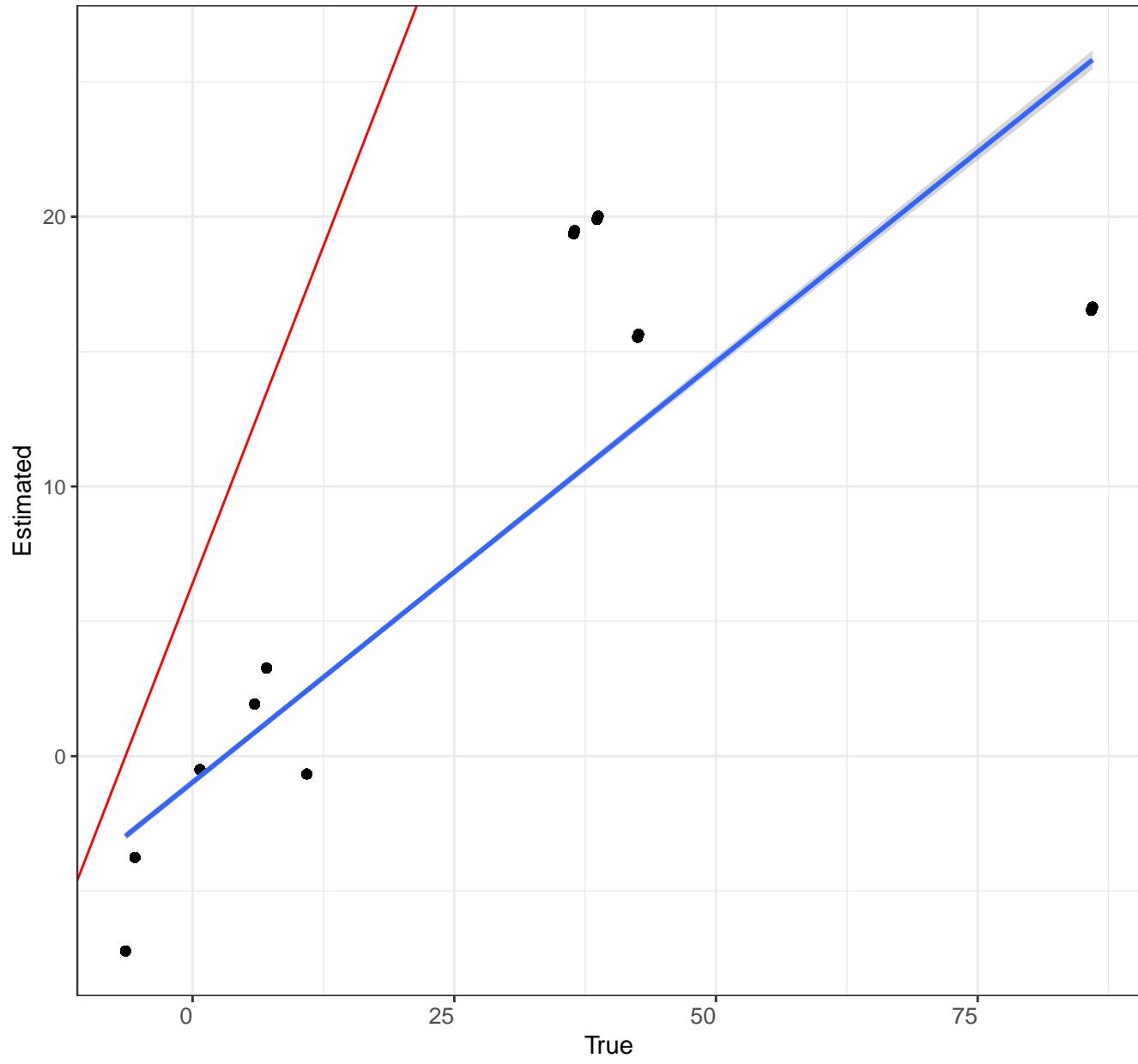
Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=80 ,r=5 true gr K=4 ,type=4 ,N=204 pN=0.047



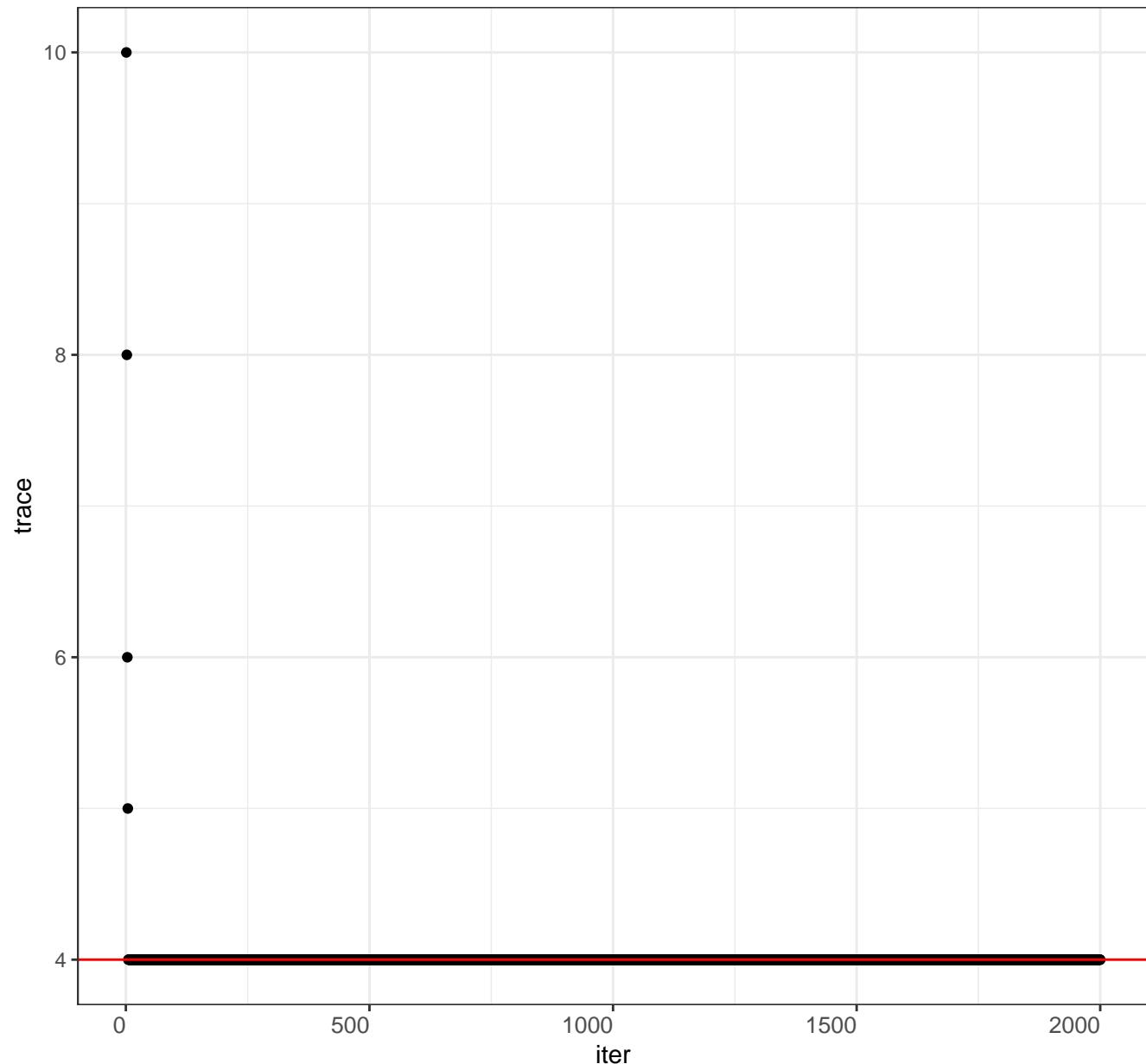
Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 r=5 true K=4 type=4

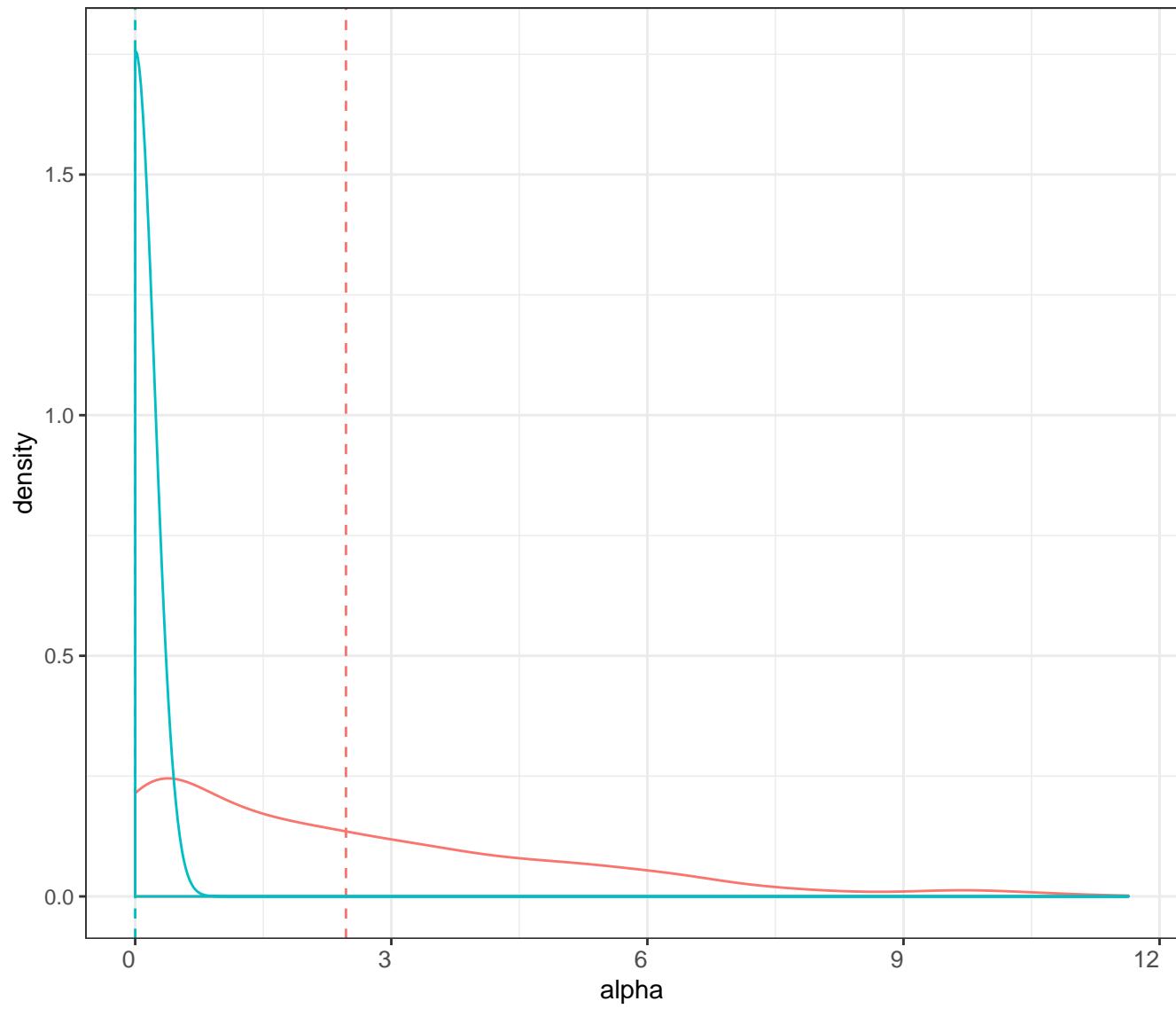
Trace plot for the number of groups K for S=80 r=5 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=80 ,r=5 true gr K=4 ,type=4 ,N=204

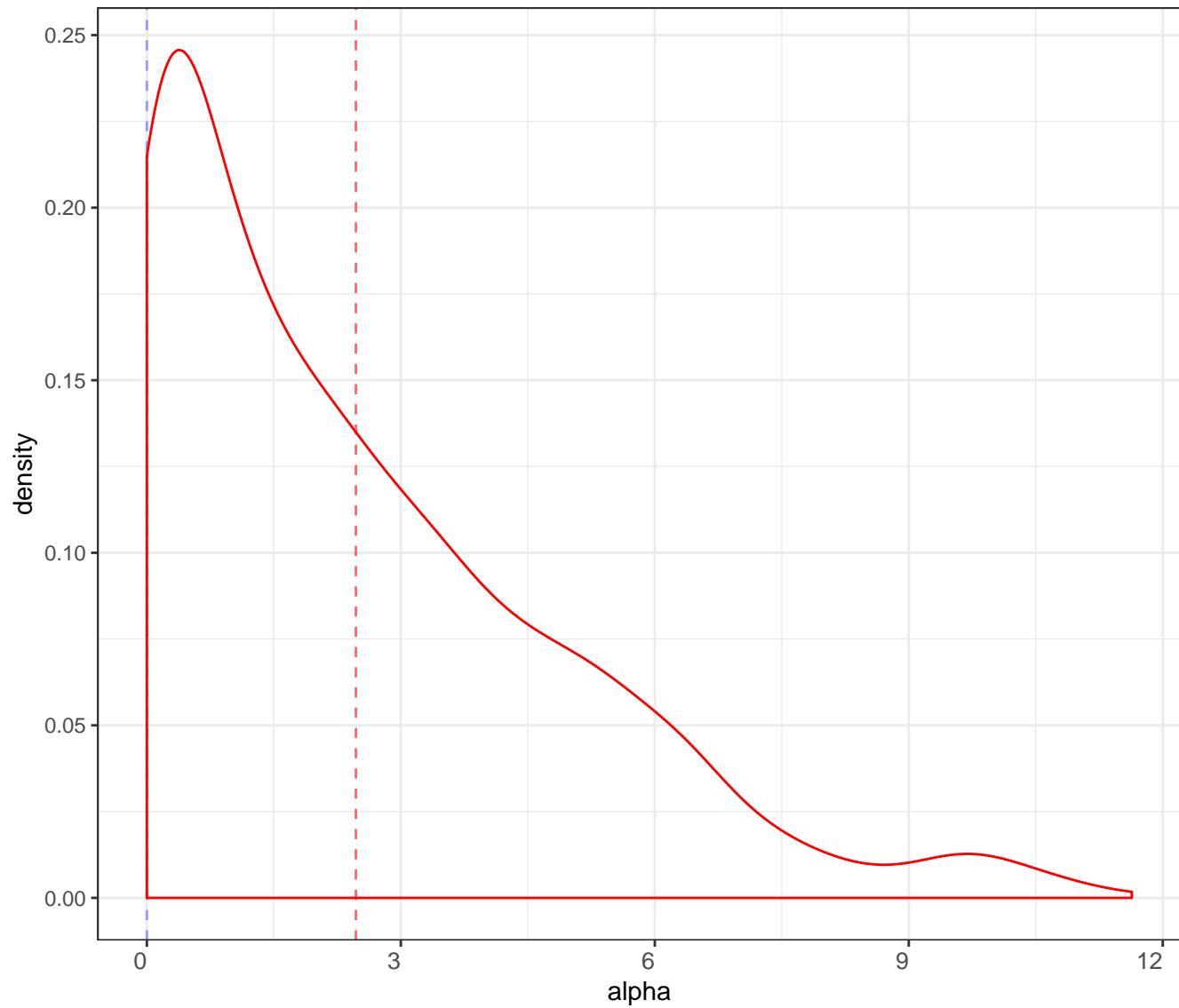
type [] posterior [] prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

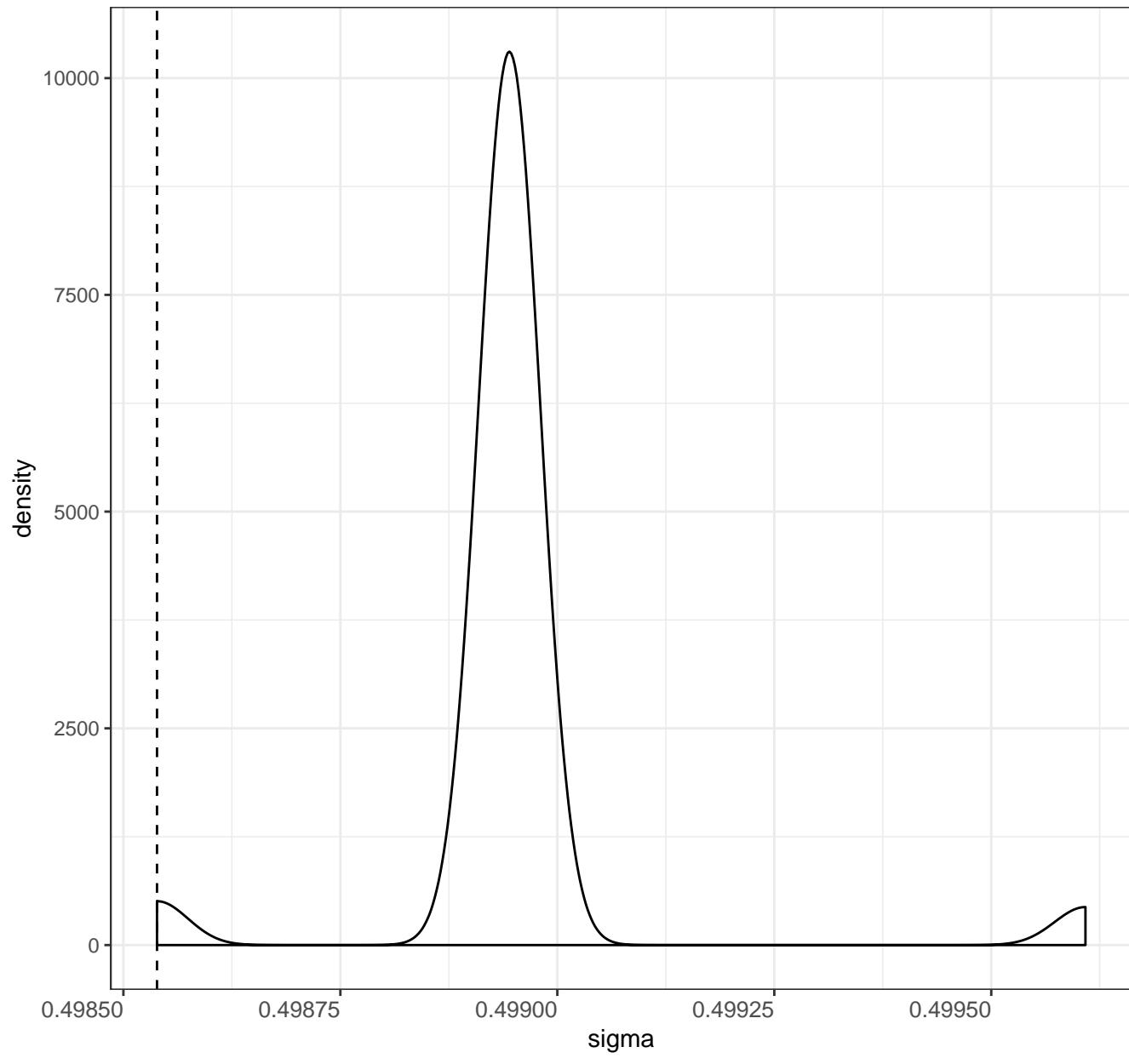
Posterior distribution for alpha

Legend | posterior mean | prior mean

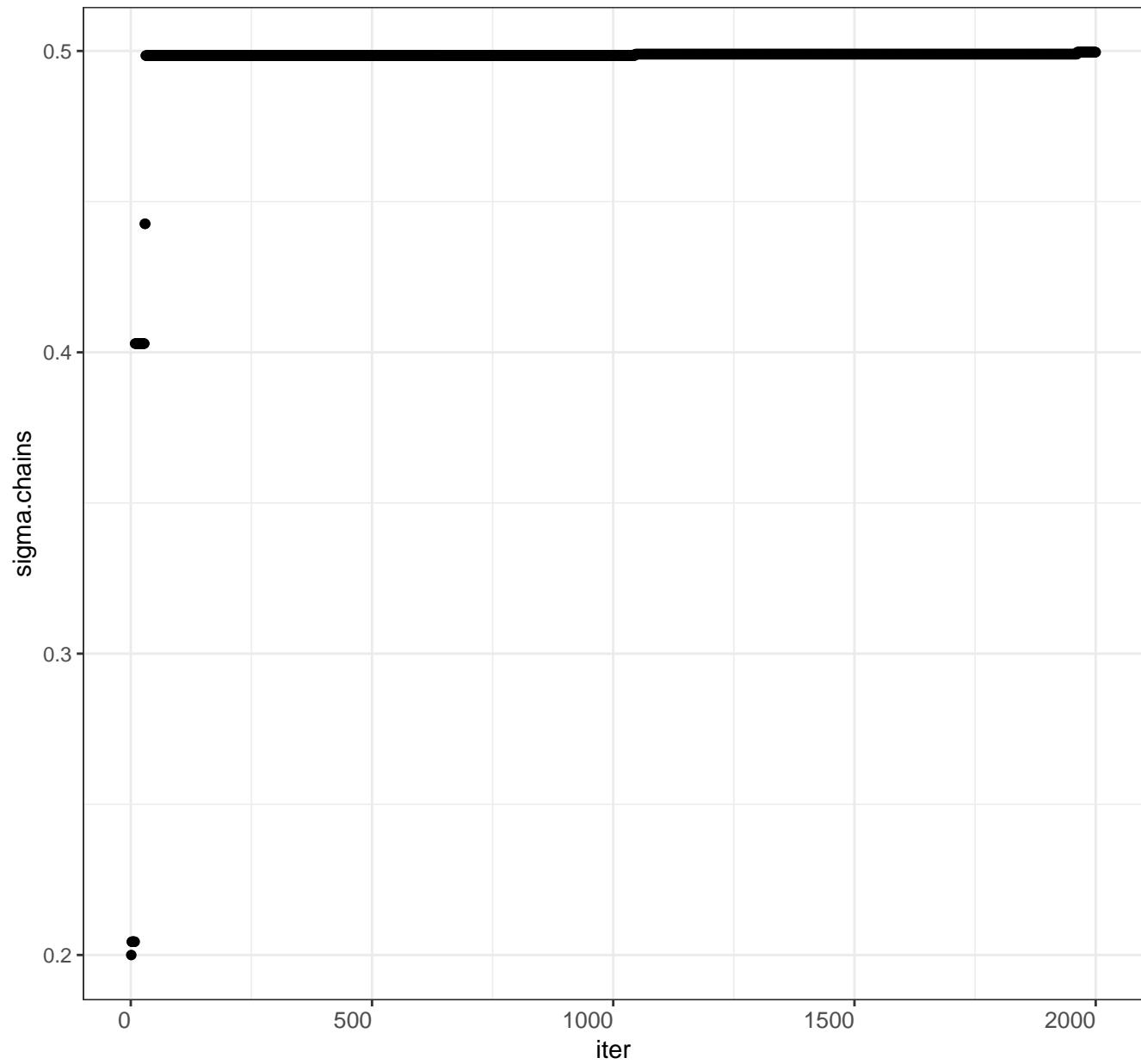


Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=5 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=80 ,r=5 true gr K=4 ,type=4 ,N=204

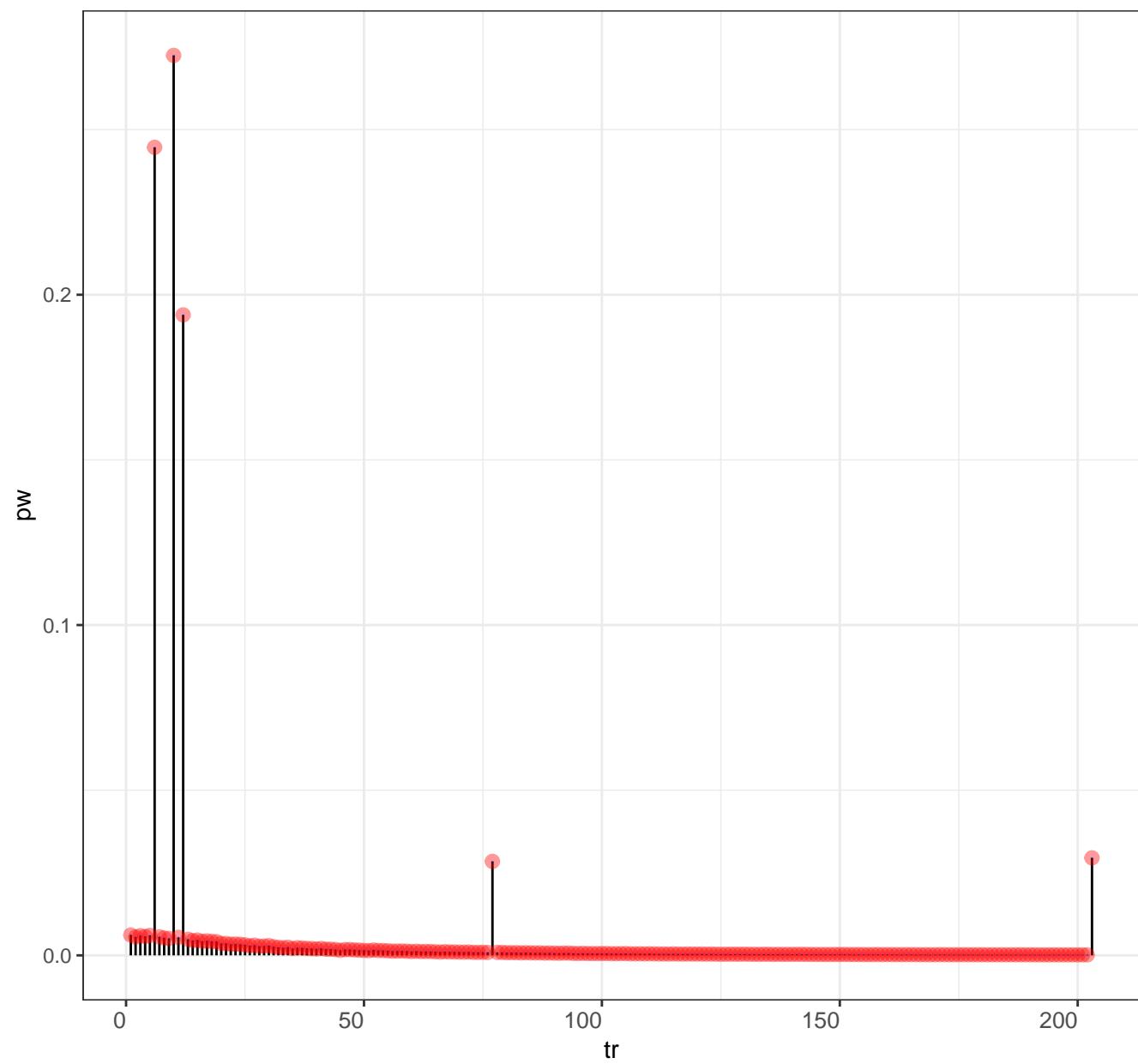


Trace plot for the sigma for S=80 r=5 true K=4 type=4



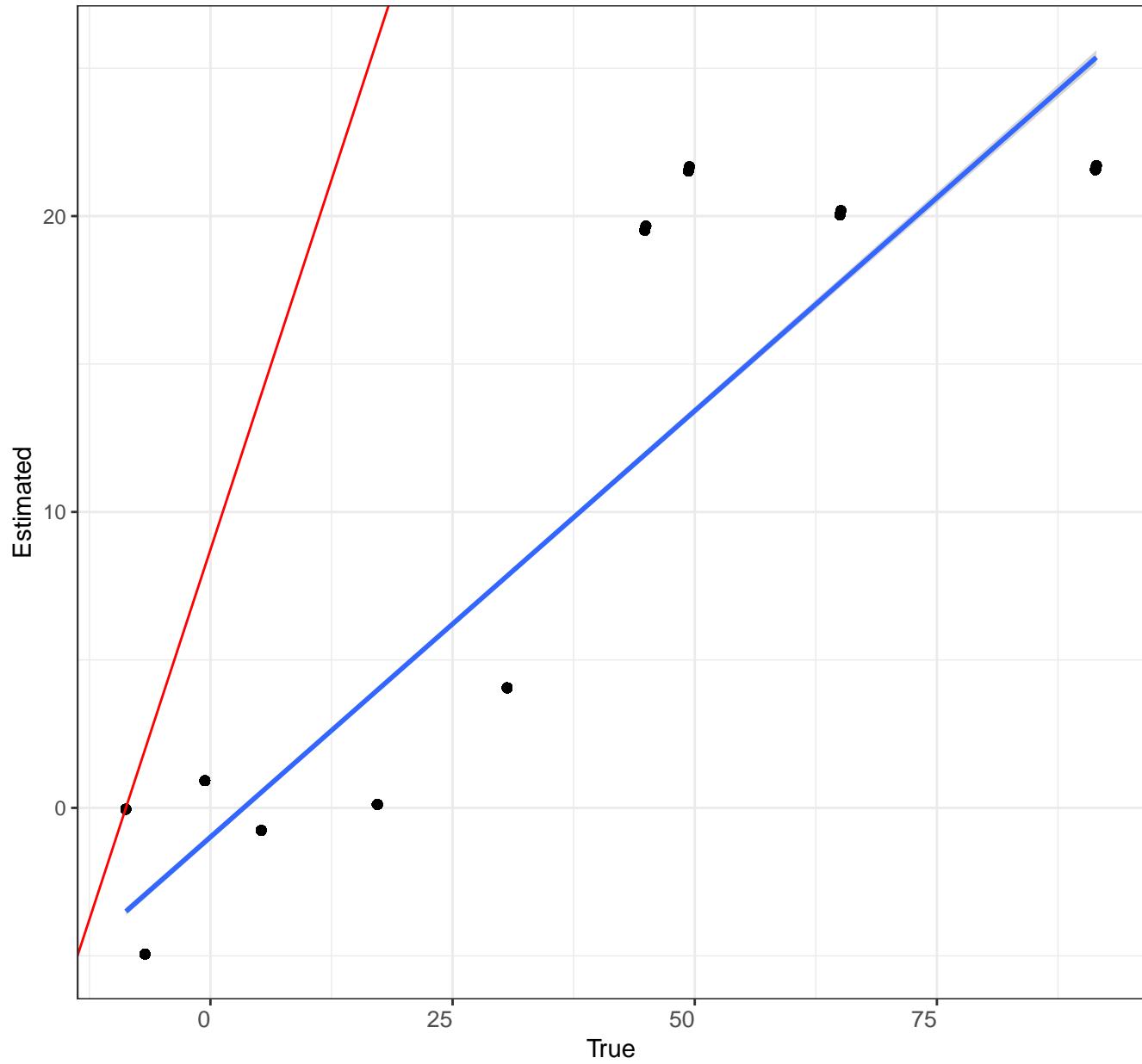
Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=80 ,r=5 true gr K=4 ,type=4 ,N=204 pN=0.03



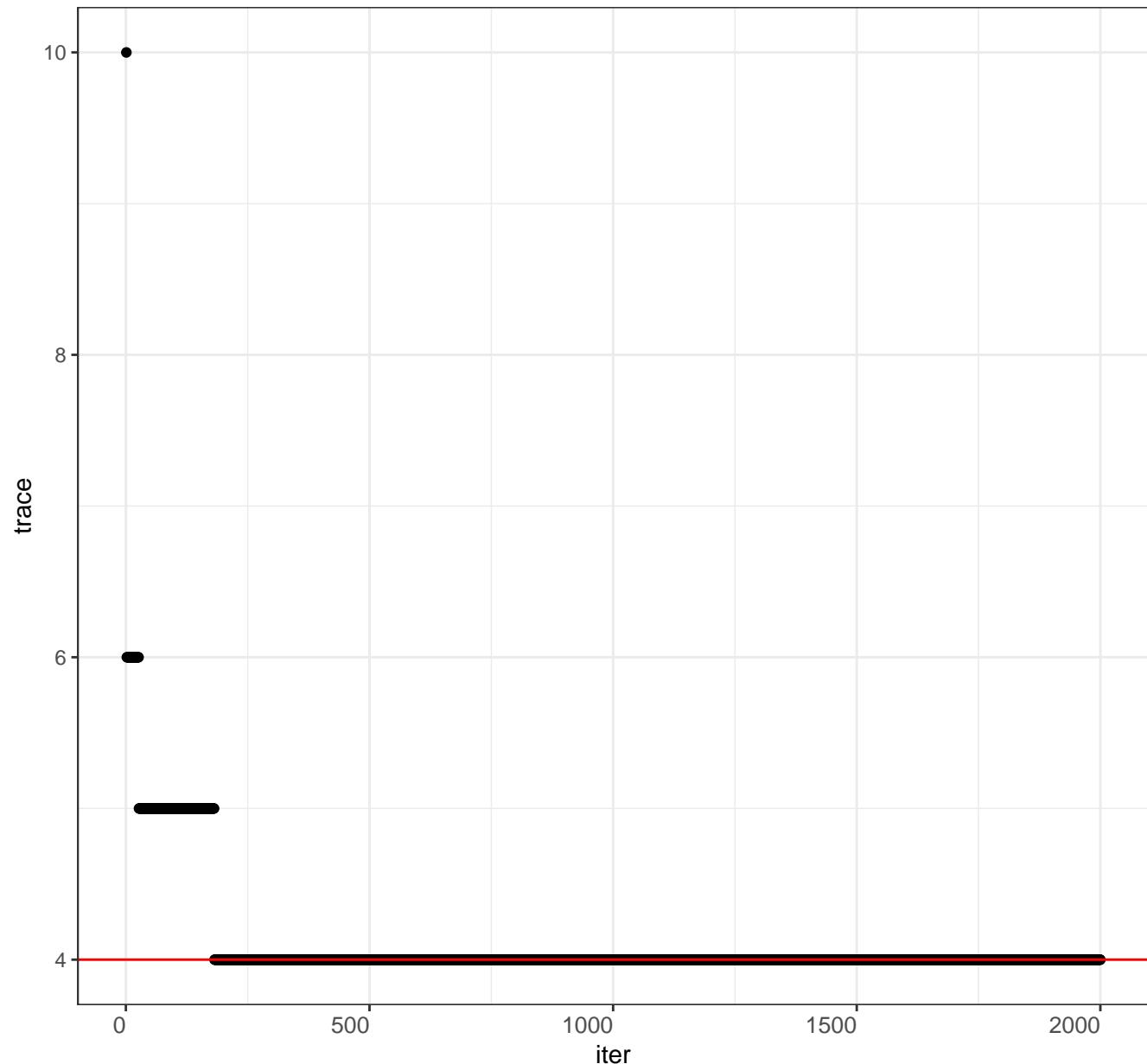
Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 r=5 true K=4 type=4

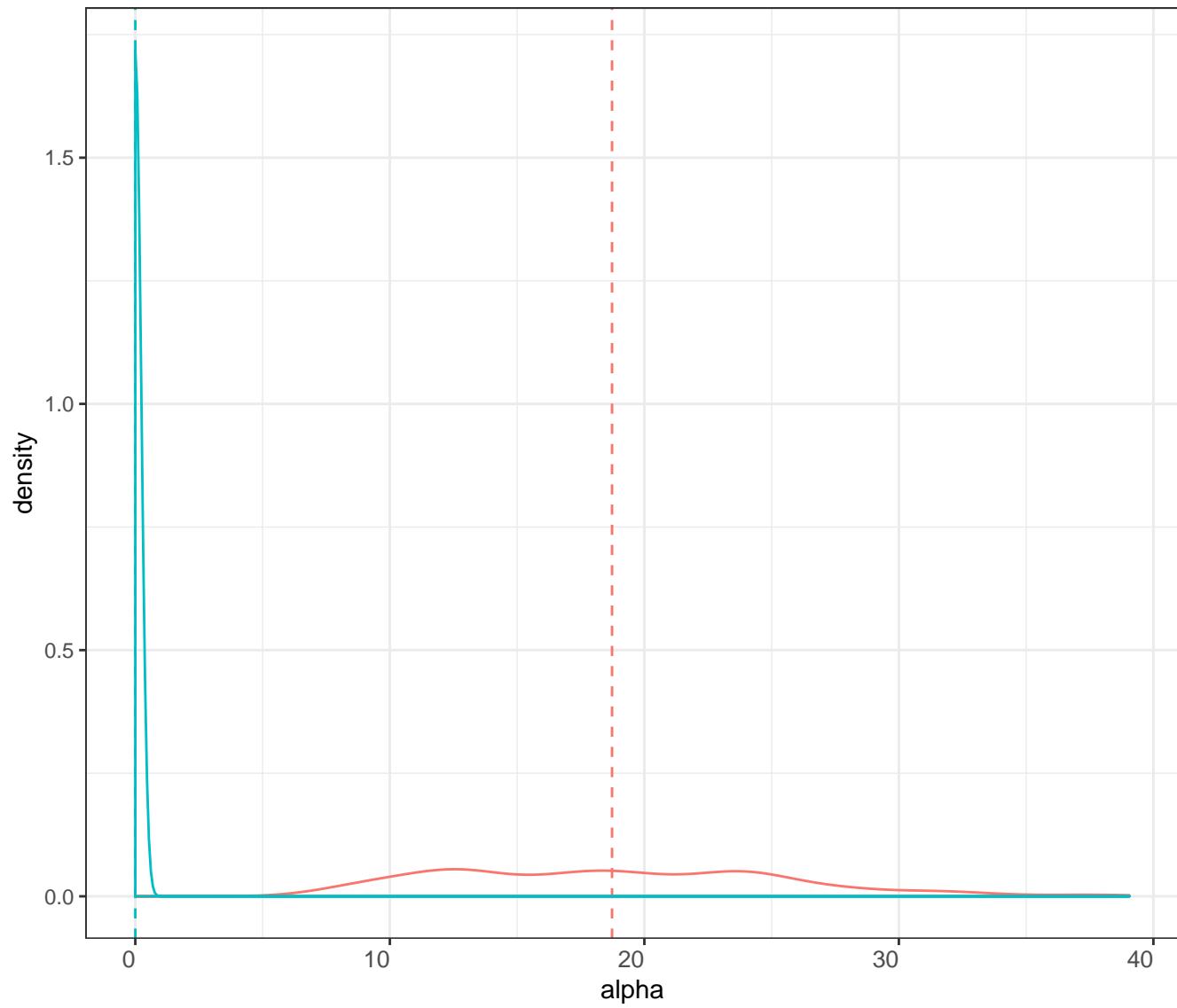
Trace plot for the number of groups K for S=80 r=5 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=80 ,r=5 true gr K=4 ,type=4 ,N=204

type [] posterior [] prior

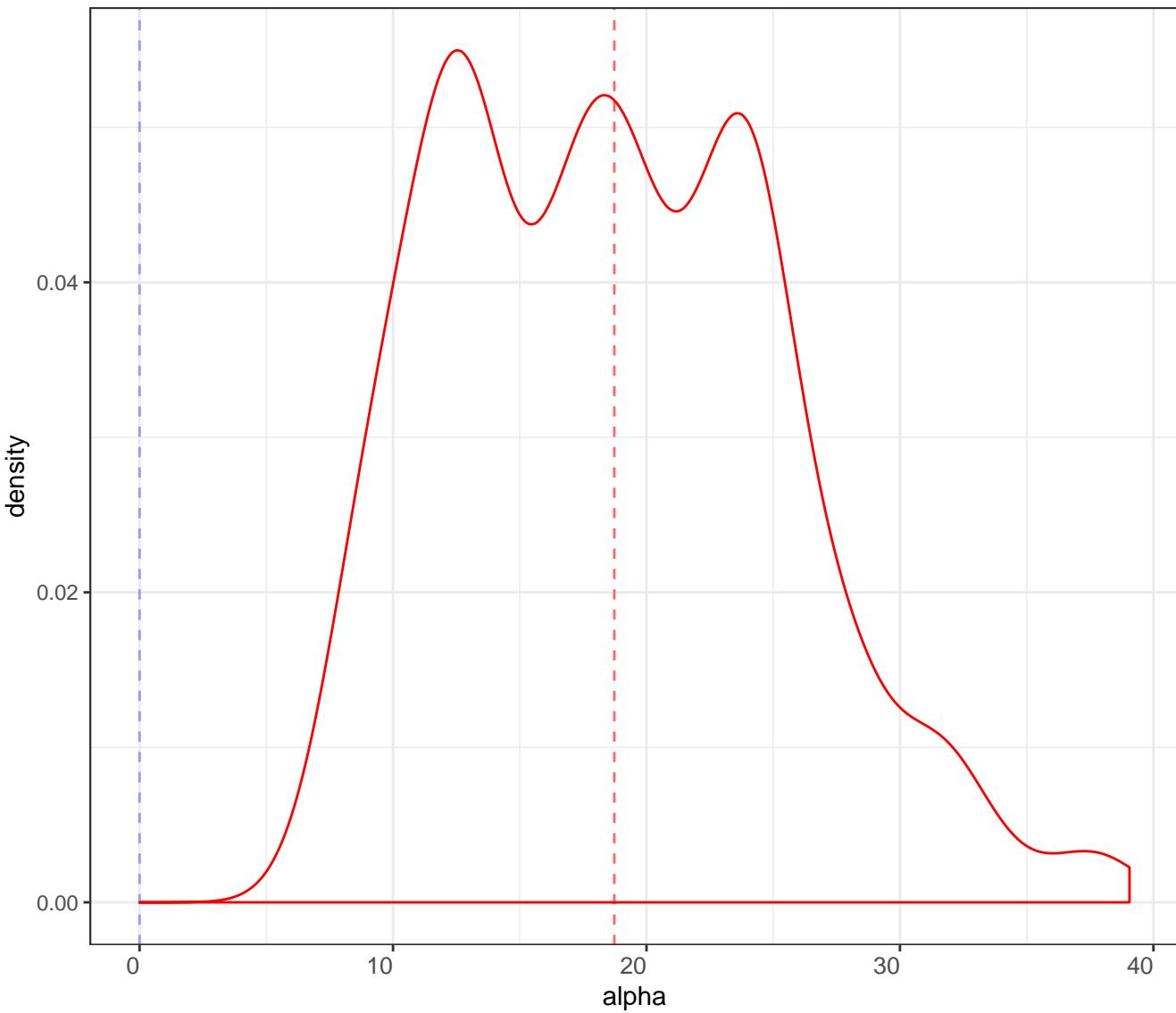


Number of iterations: 2000 burnin: 1000 number of samples: 500

Posterior distribution for alpha

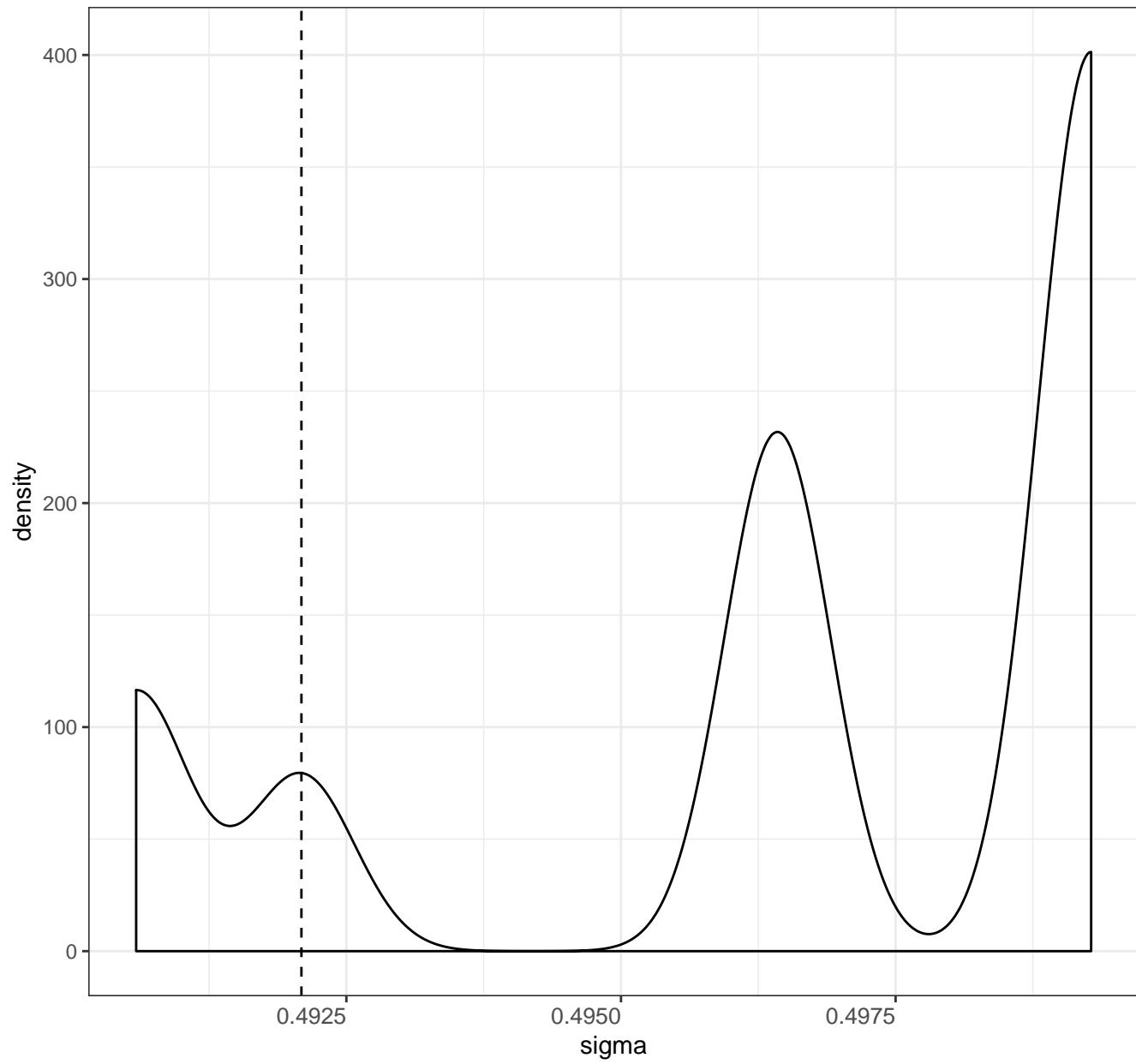
Legend

posterior mean prior mean

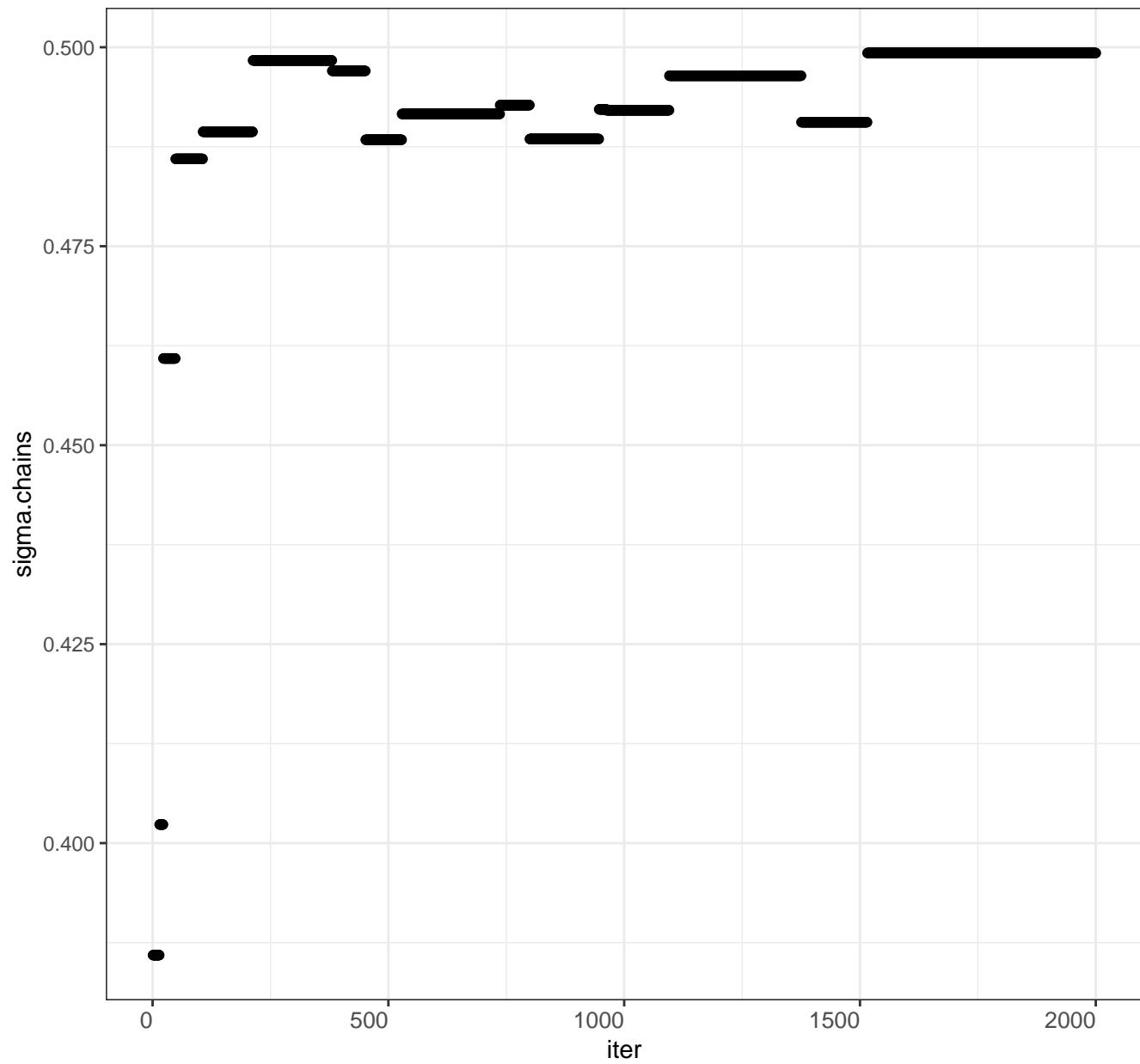


Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=5 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=80 ,r=5 true gr K=4 ,type=4 ,N=204

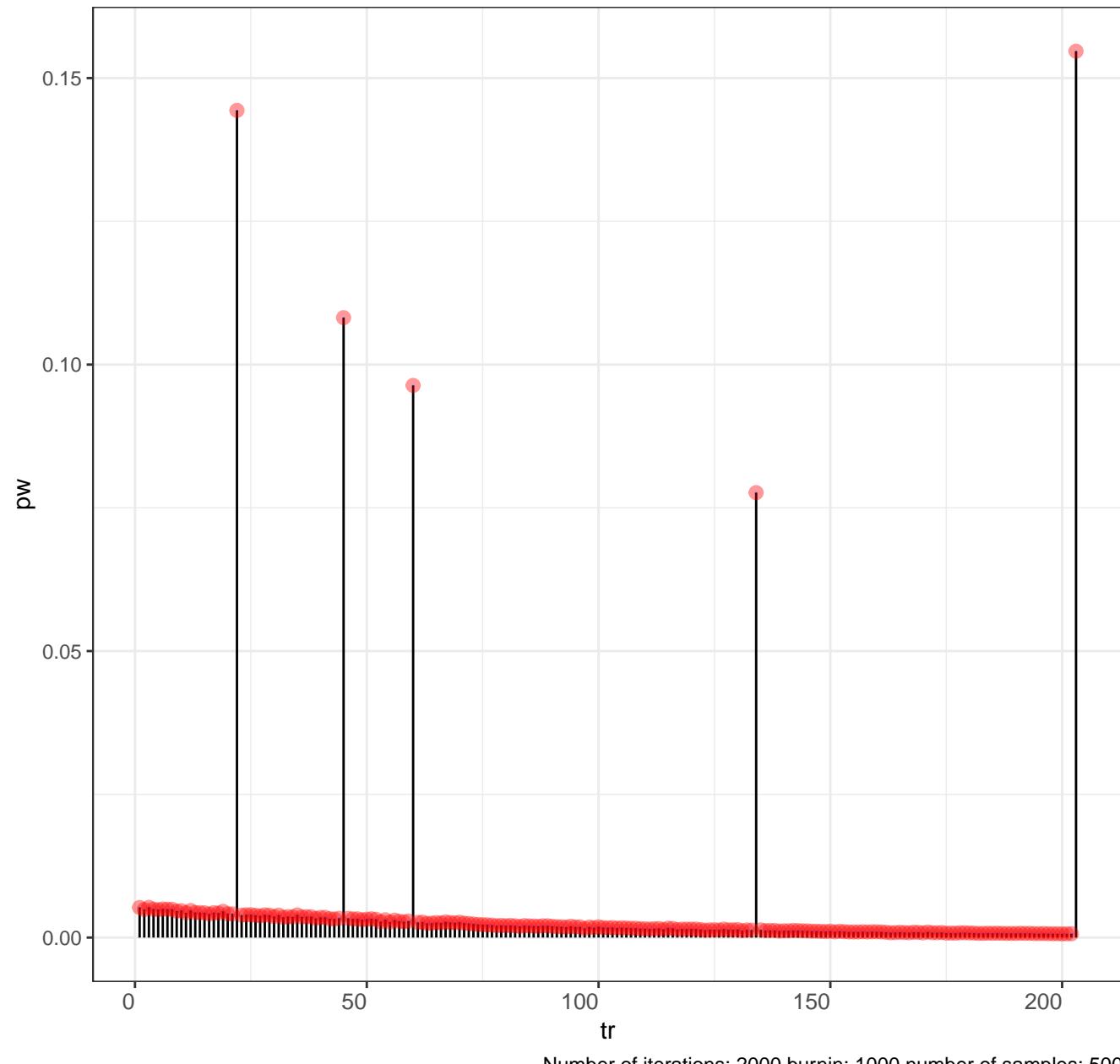


Trace plot for the sigma for S=80 r=5 true K=4 type=4

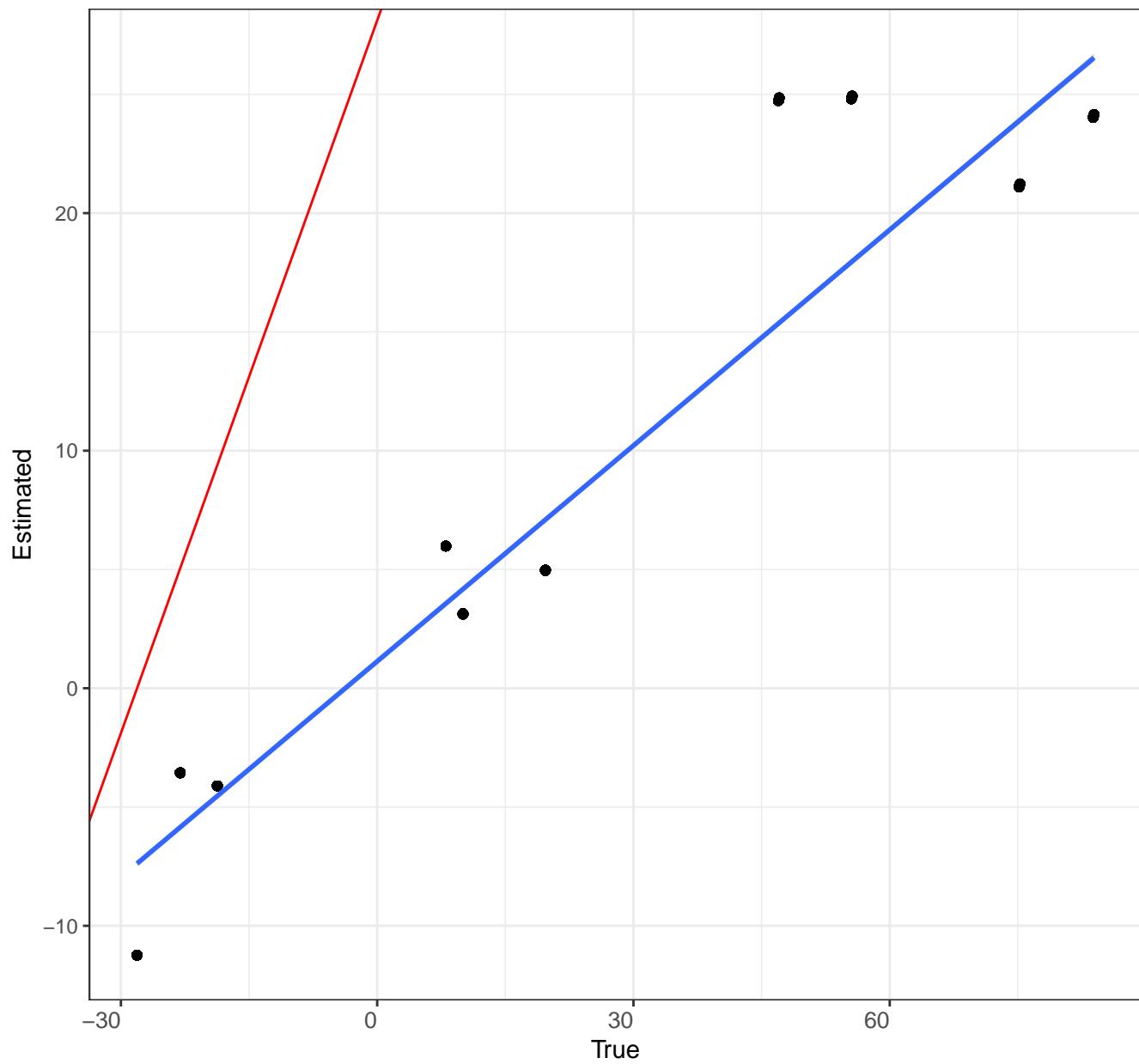


Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=80 ,r=5 true gr K=4 ,type=4 ,N=204 pN=0.155

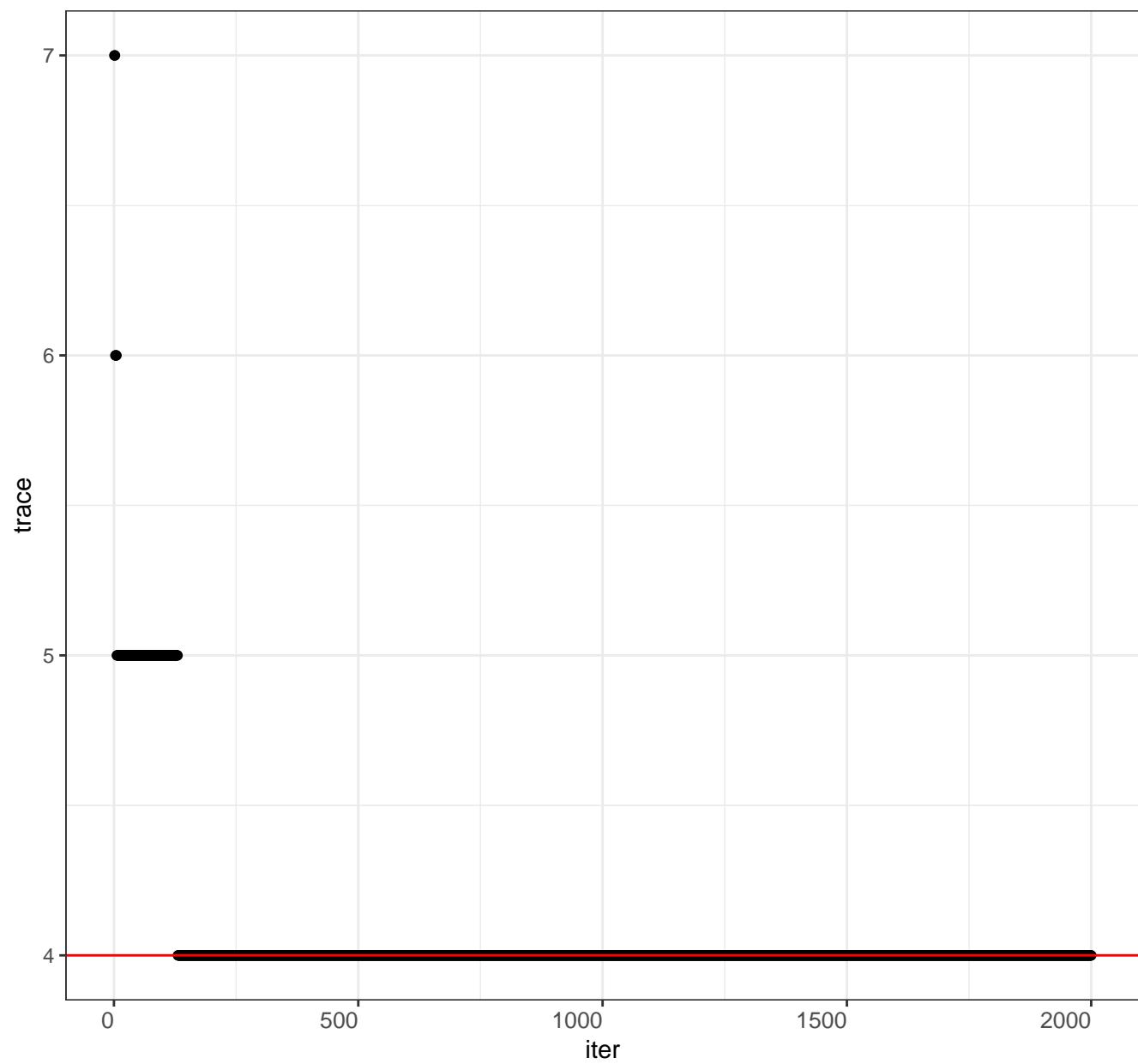


True vs estimated covariance parameters



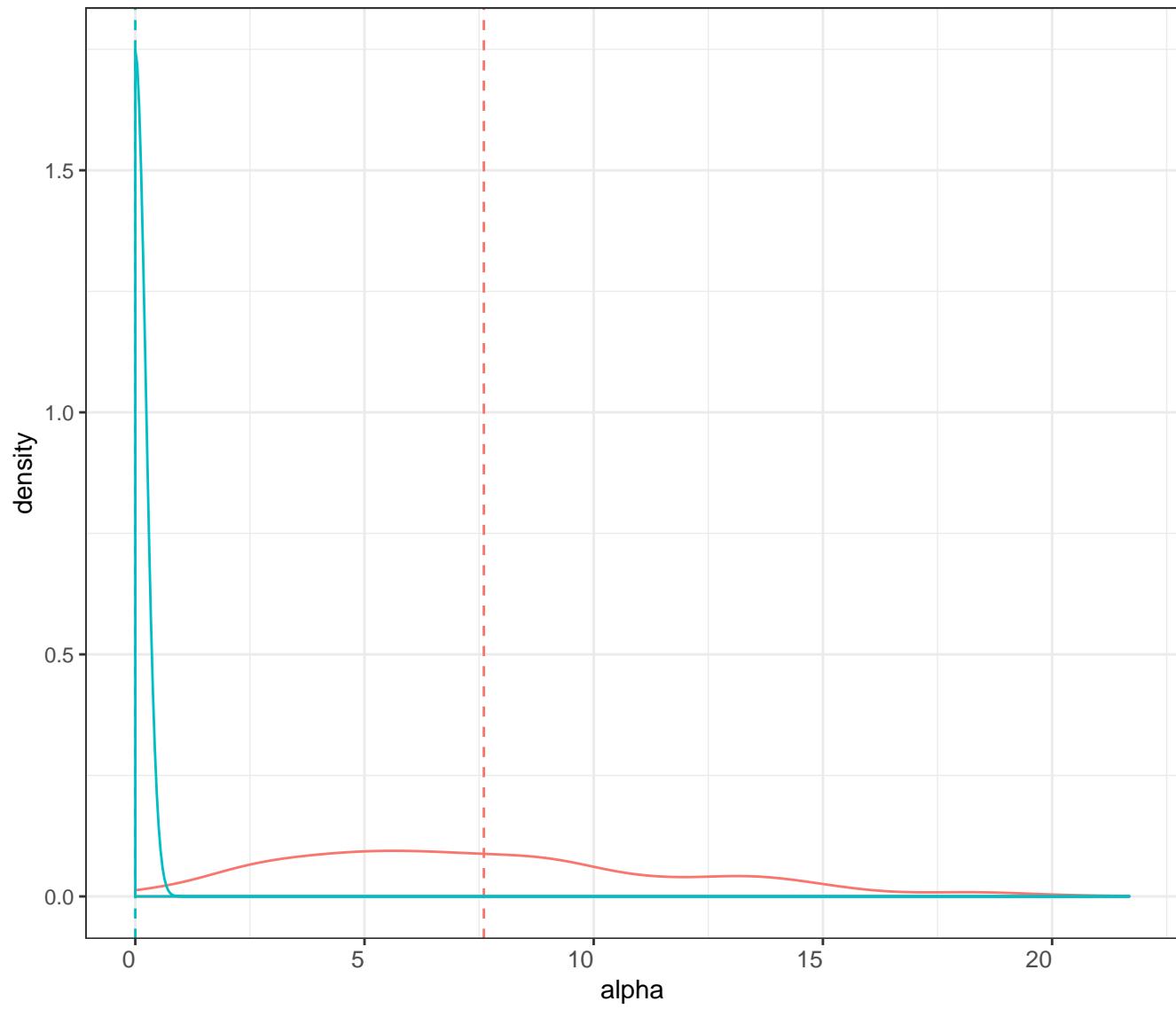
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 r=5 true K=4 type=4

Trace plot for the number of groups K for S=80 r=5 true K=4 type=4



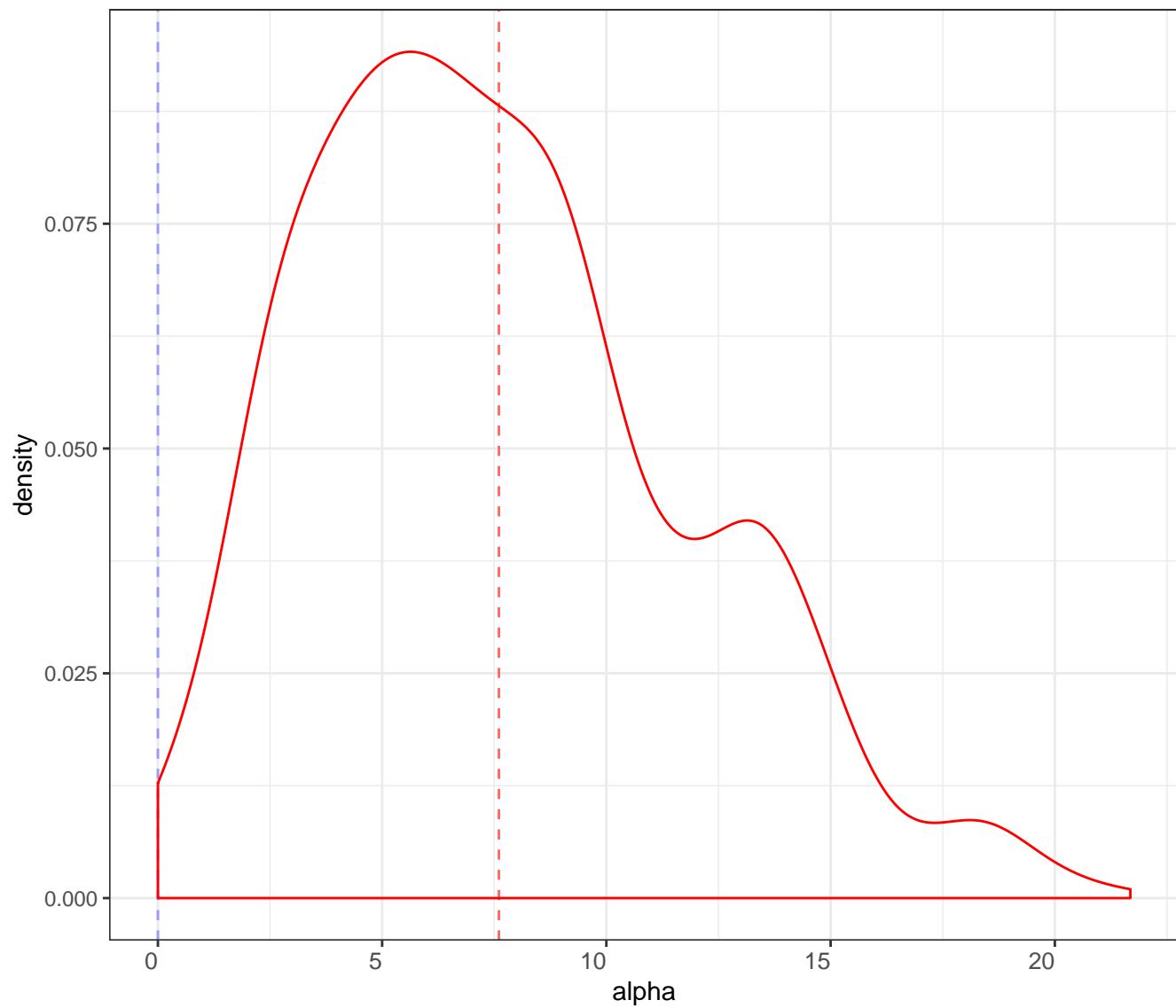
Distribution alpha: S=80 ,r=5 true gr K=4 ,type=4 ,N=204

type [] posterior [] prior



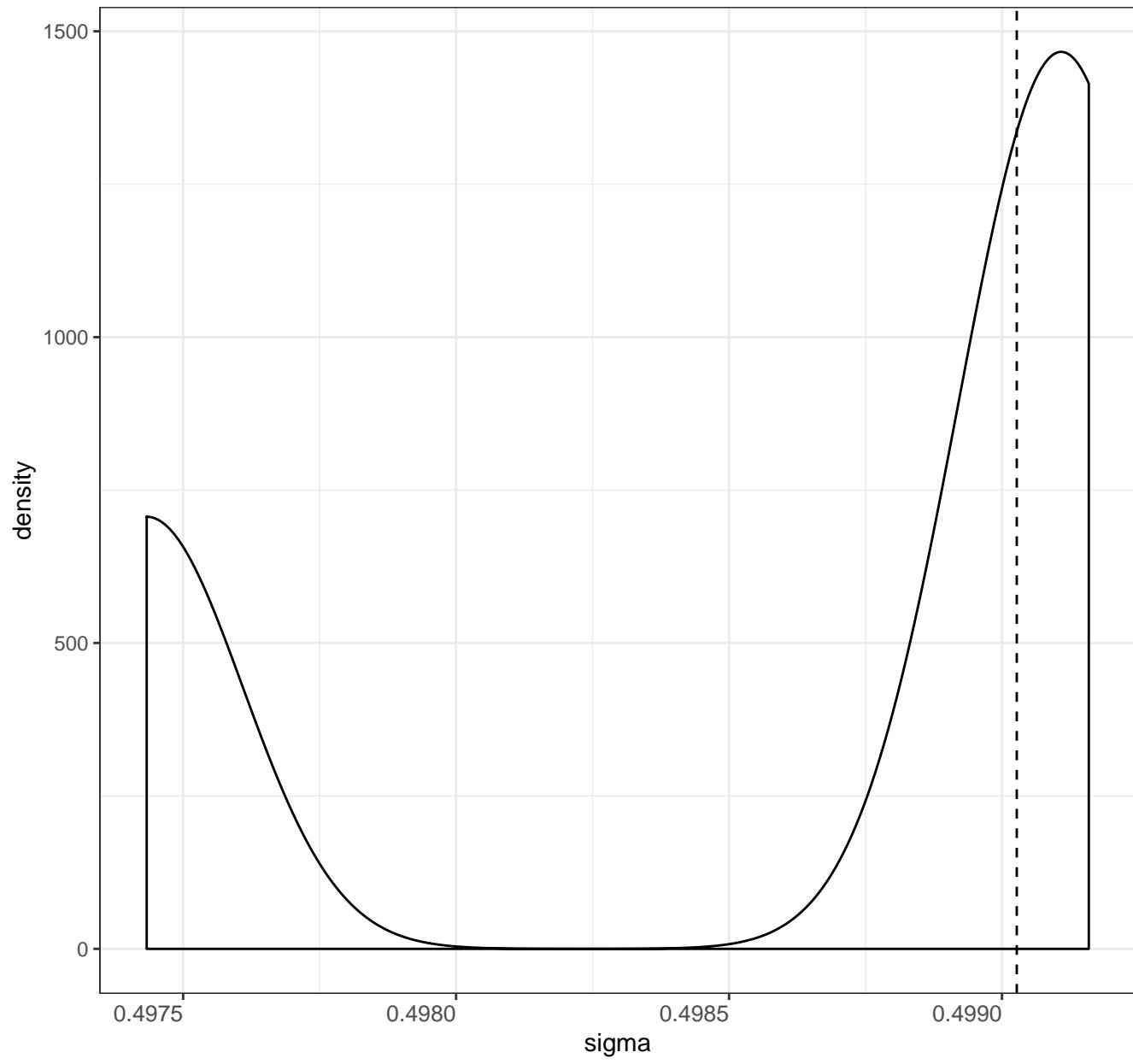
Posterior distribution for alpha

Legend | posterior mean | prior mean

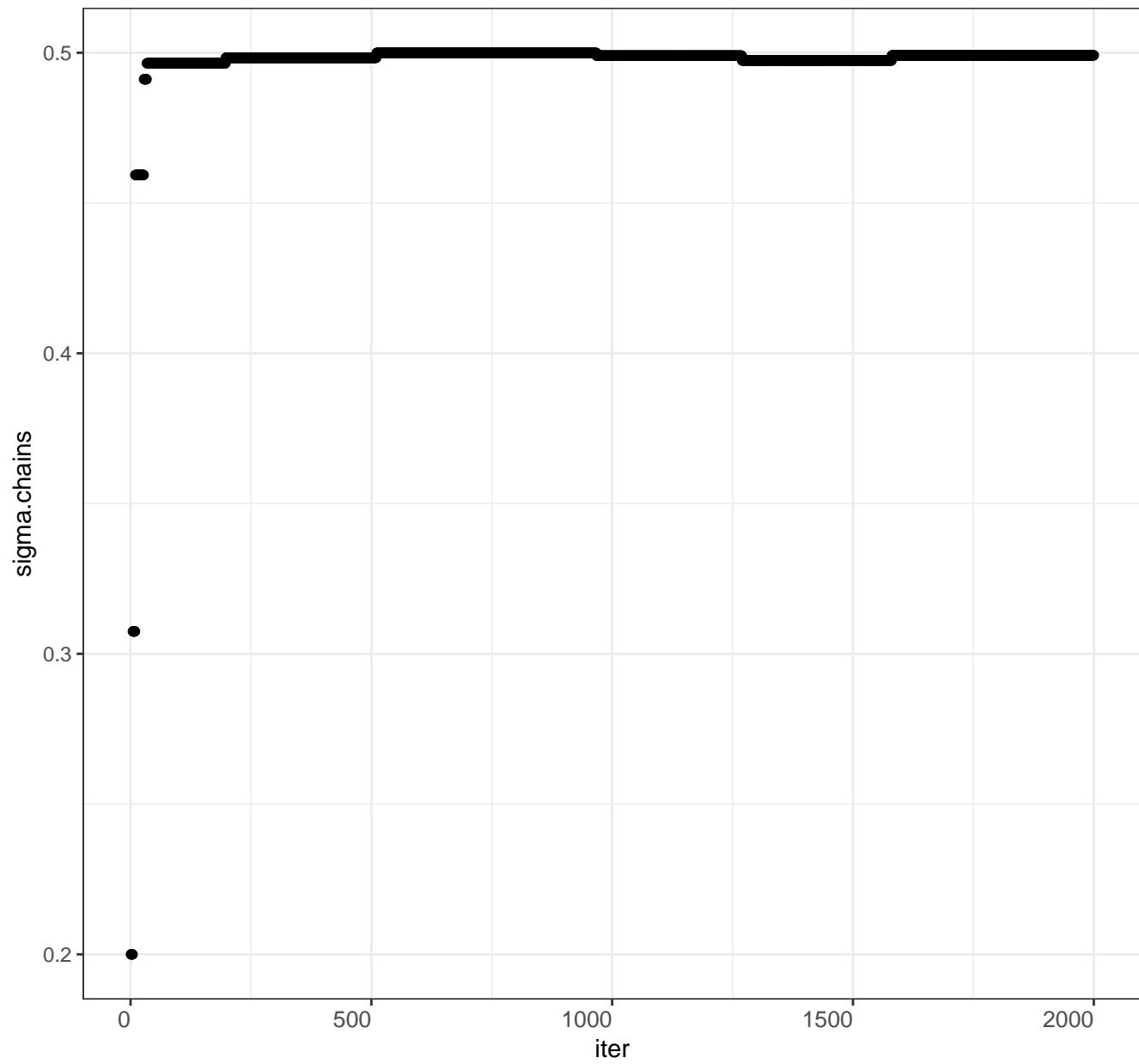


Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=5 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=80 ,r=5 true gr K=4 ,type=4 ,N=204

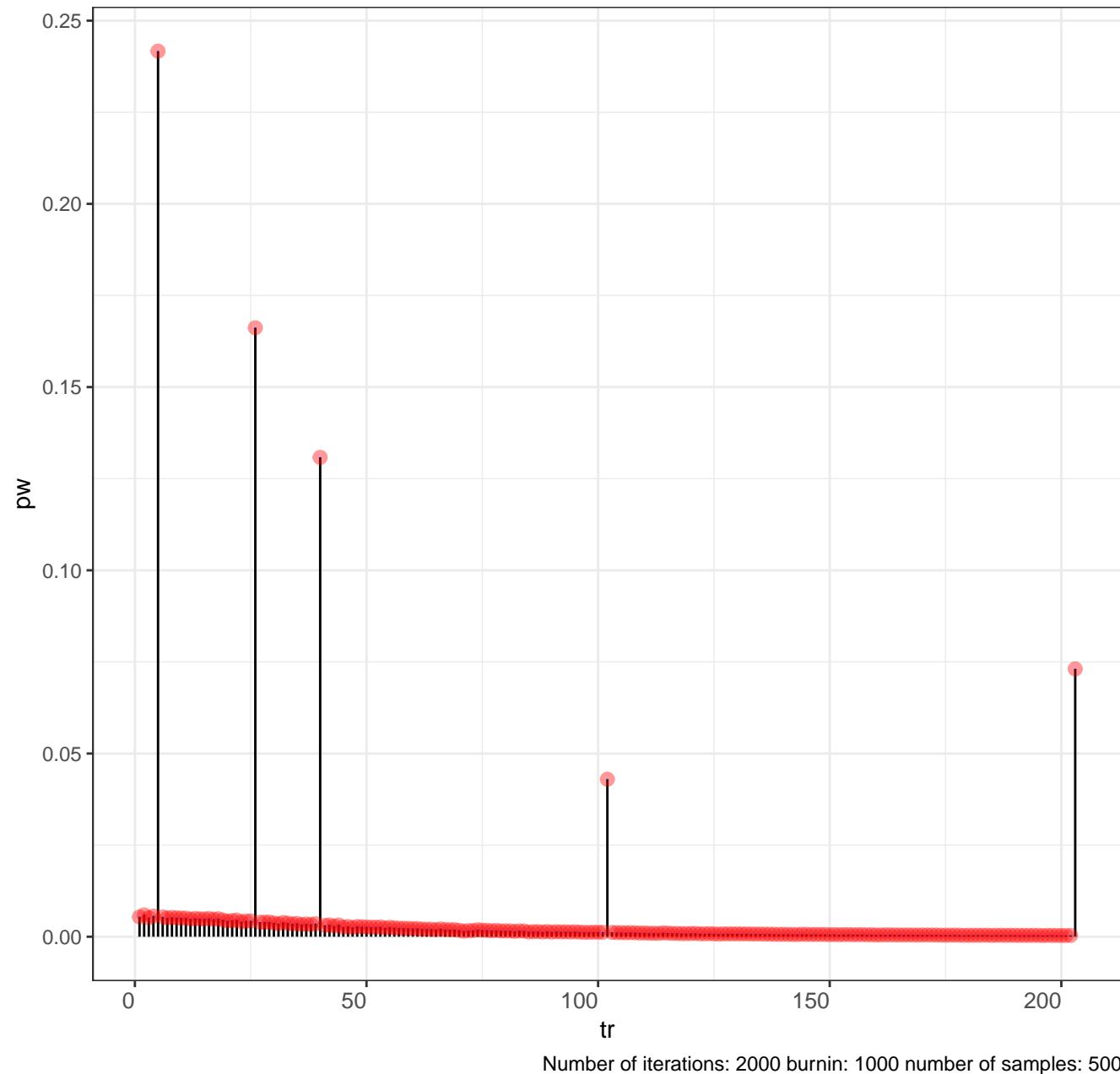


Trace plot for the sigma for S=80 r=5 true K=4 type=4

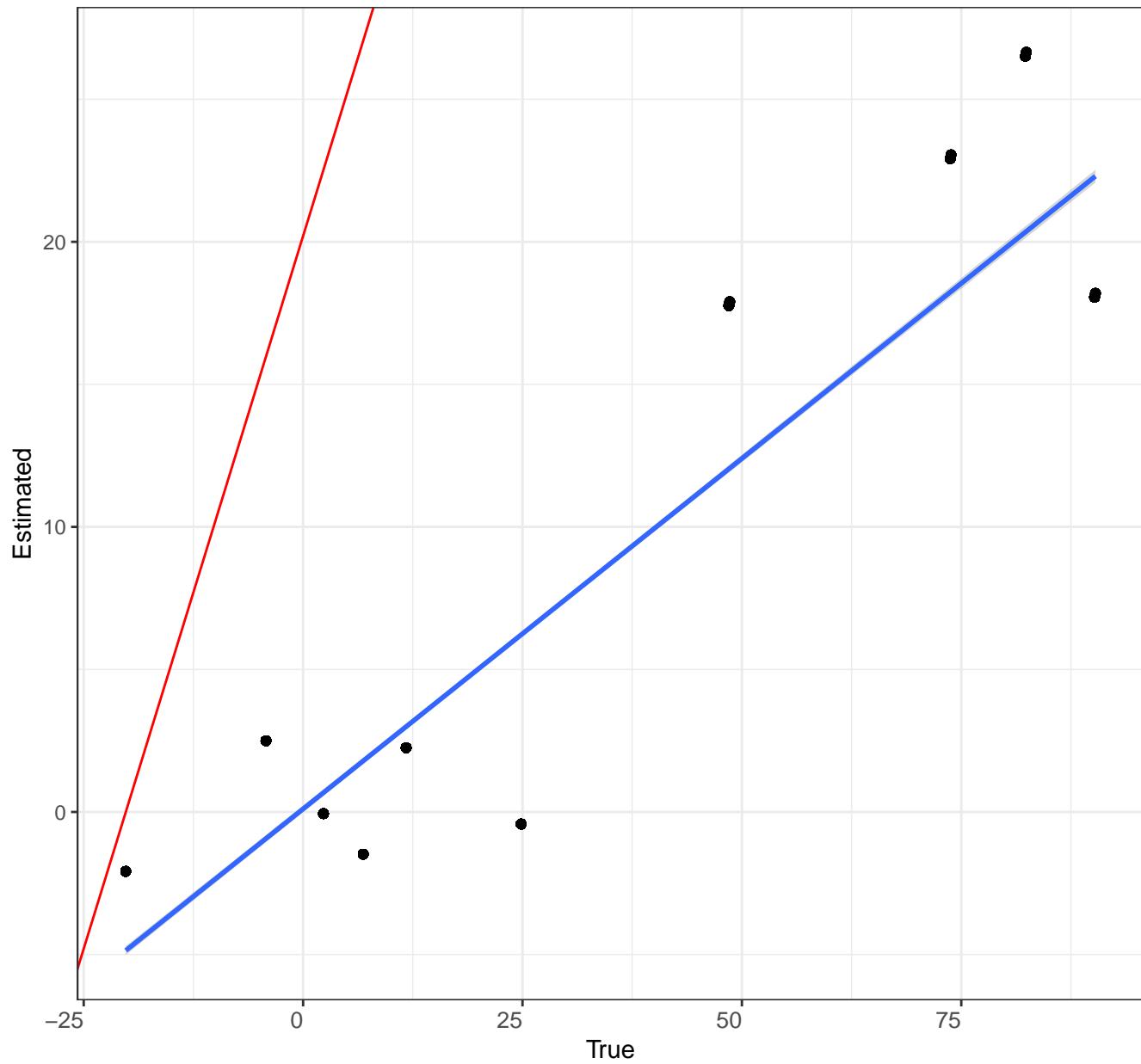


Number of iterations: 2000 burnin: 1000 number of samples: 500

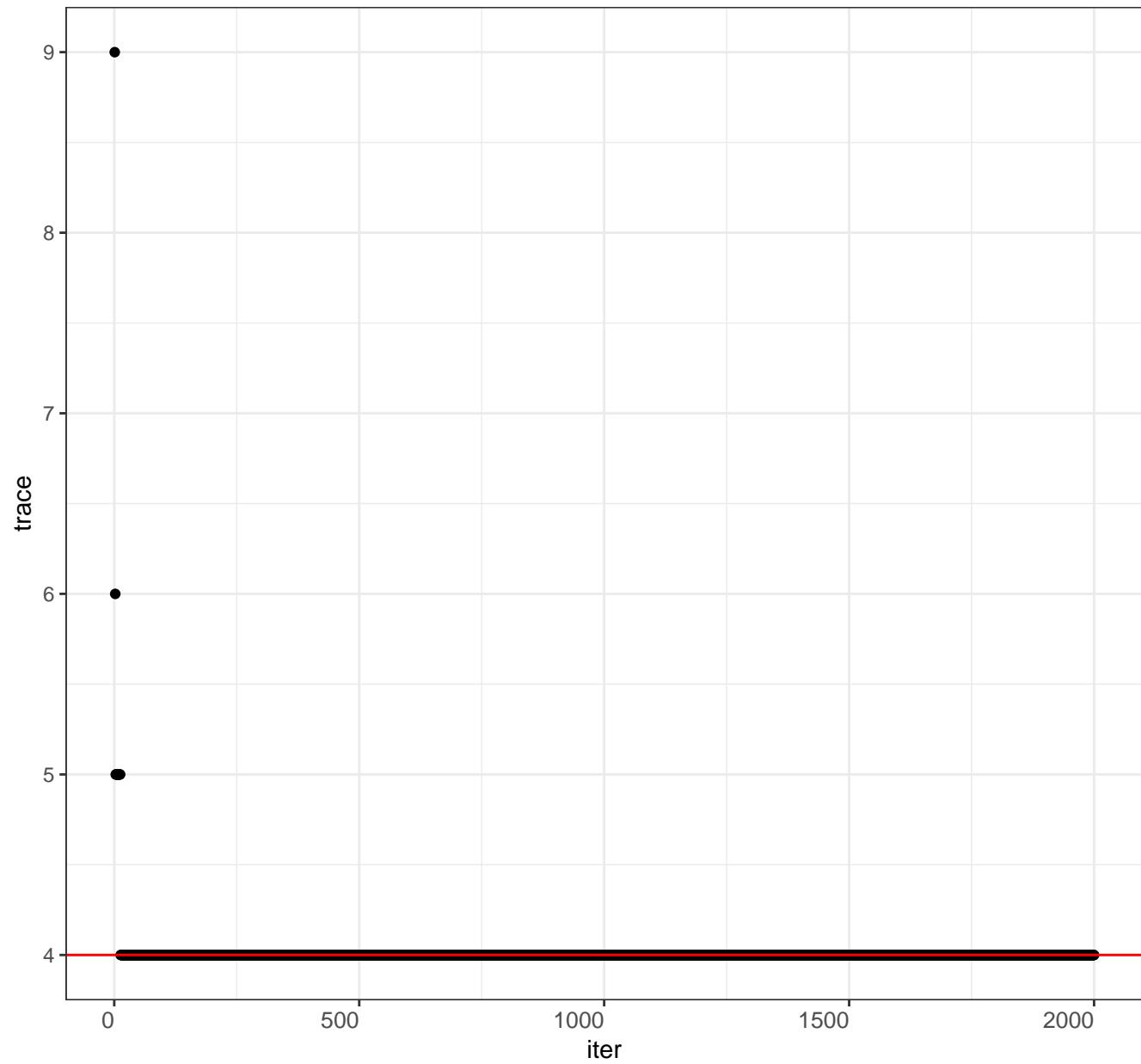
Weights for the case: S=80 ,r=5 true gr K=4 ,type=4 ,N=204 pN=0.073



True vs estimated covariance parameters

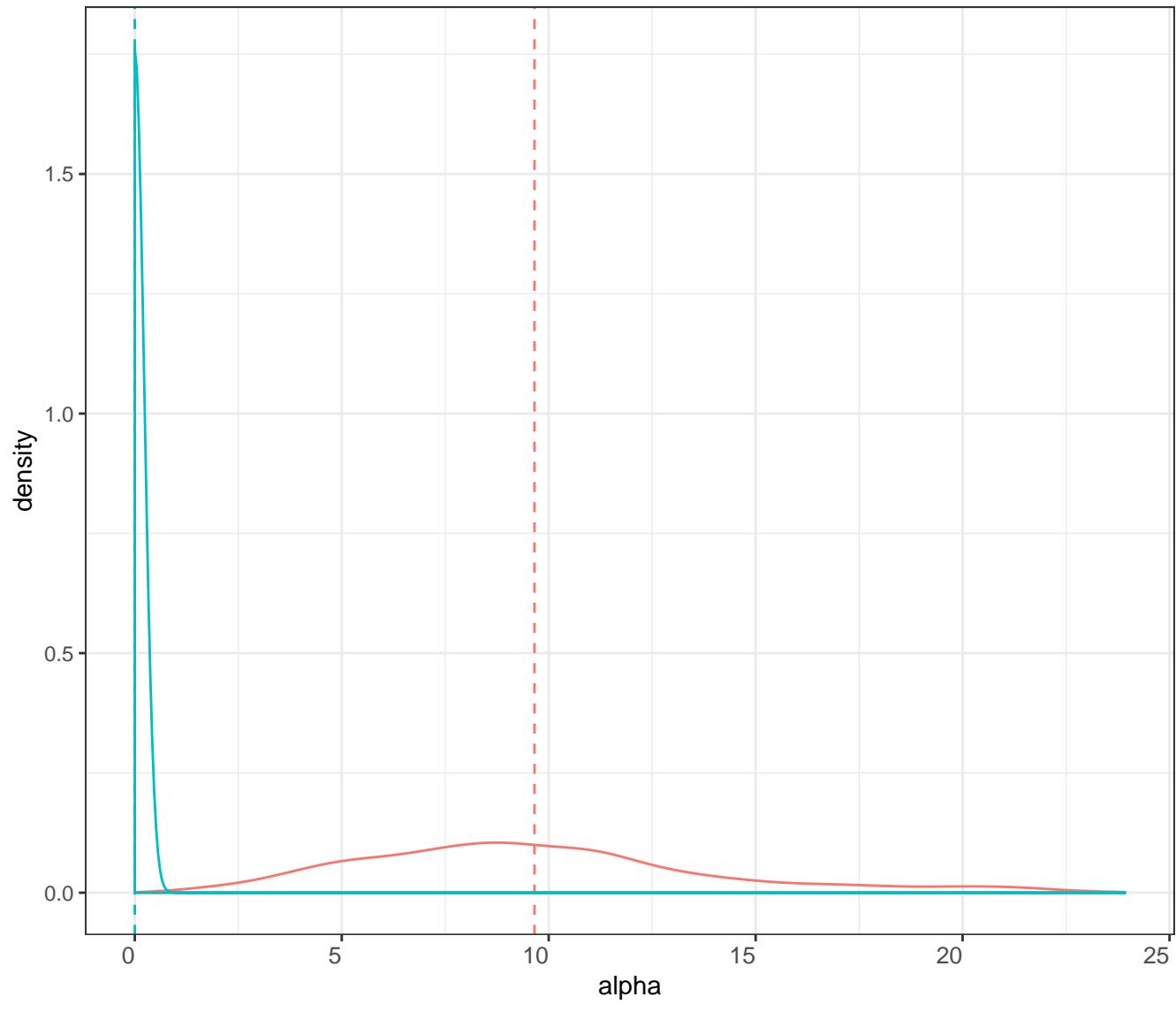


Trace plot for the number of groups K for S=80 r=5 true K=4 type=4



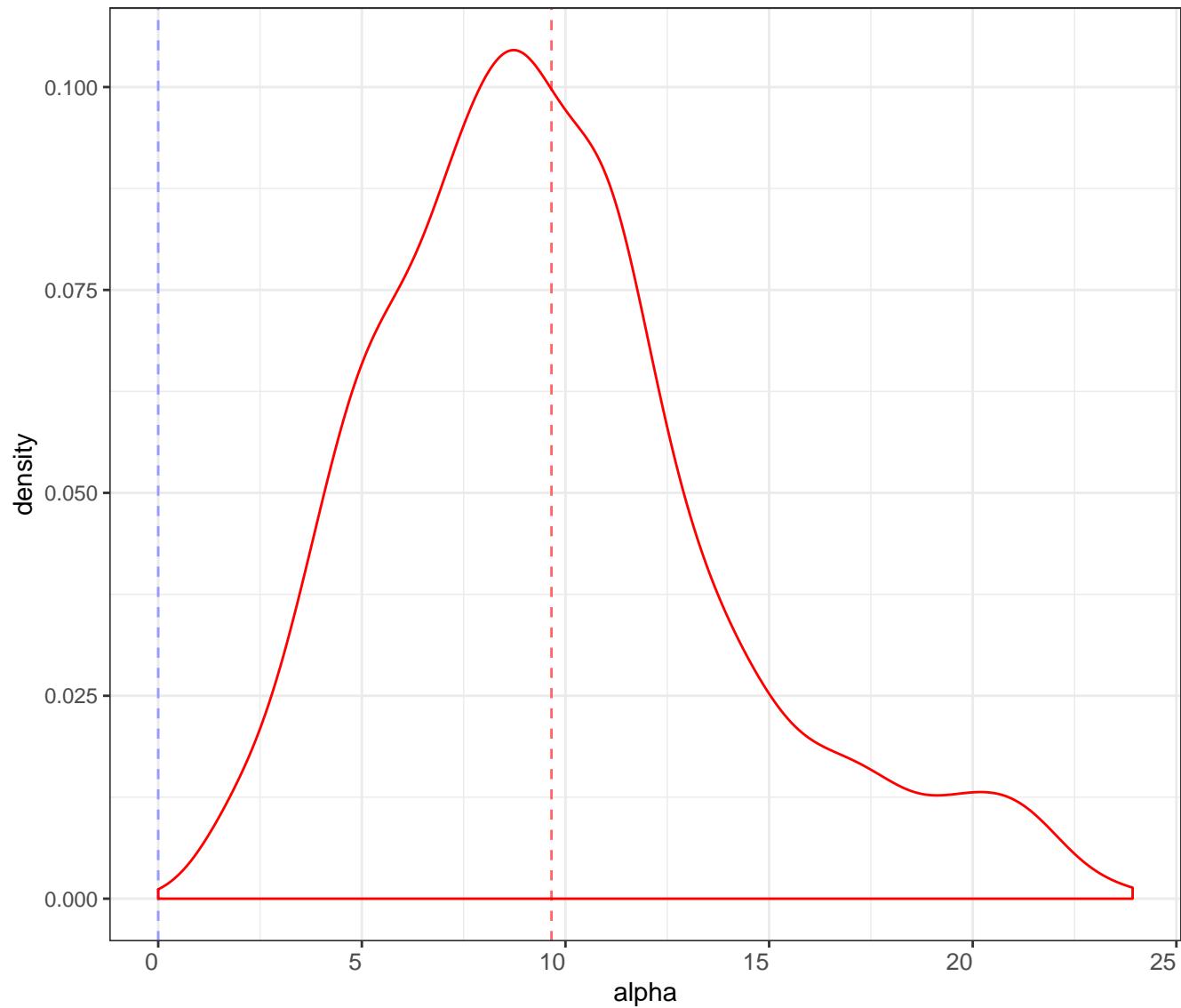
Distribution alpha: S=80 ,r=5 true gr K=4 ,type=4 ,N=204

type [] posterior [] prior



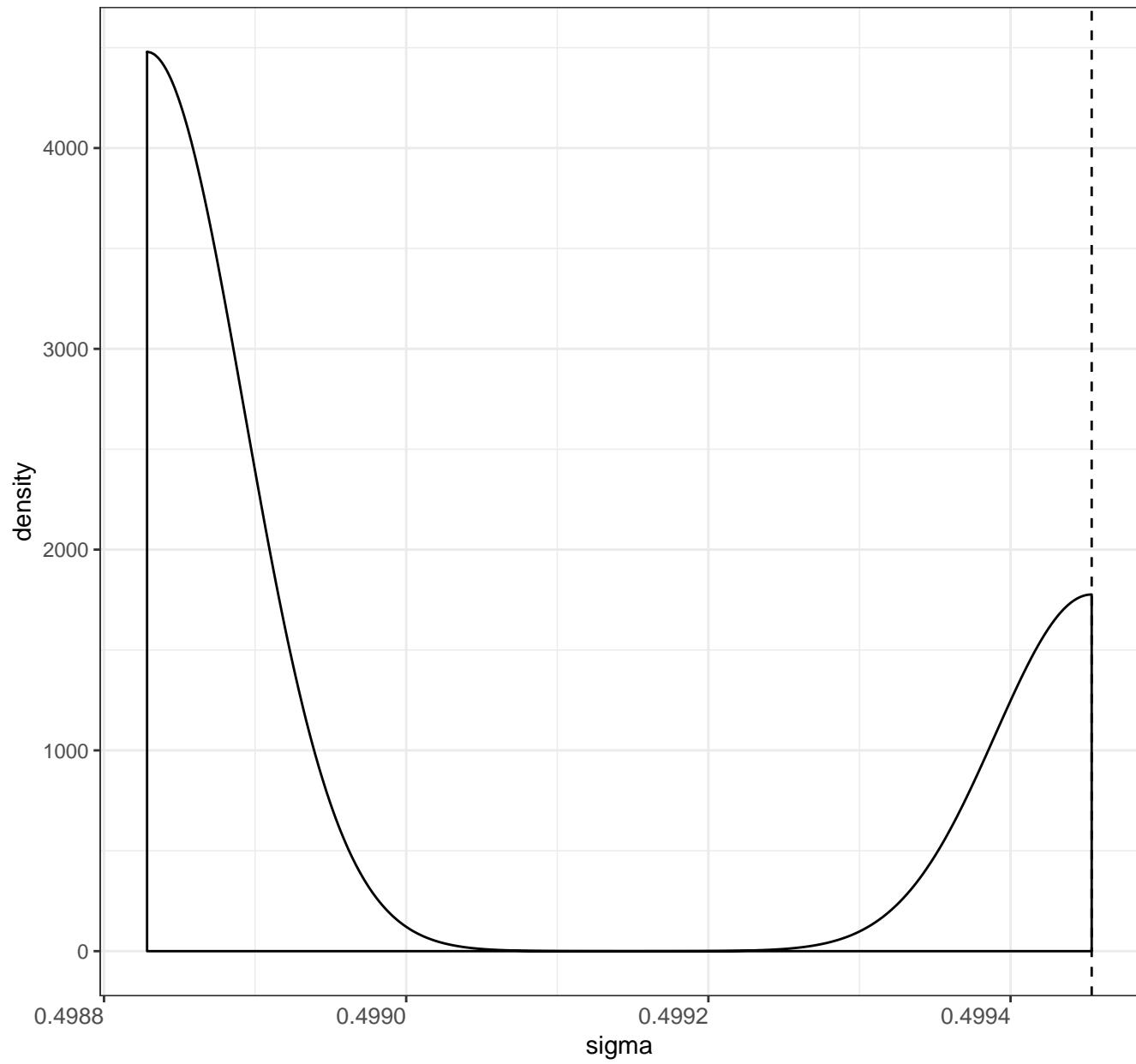
Posterior distribution for alpha

Legend | posterior mean | prior mean



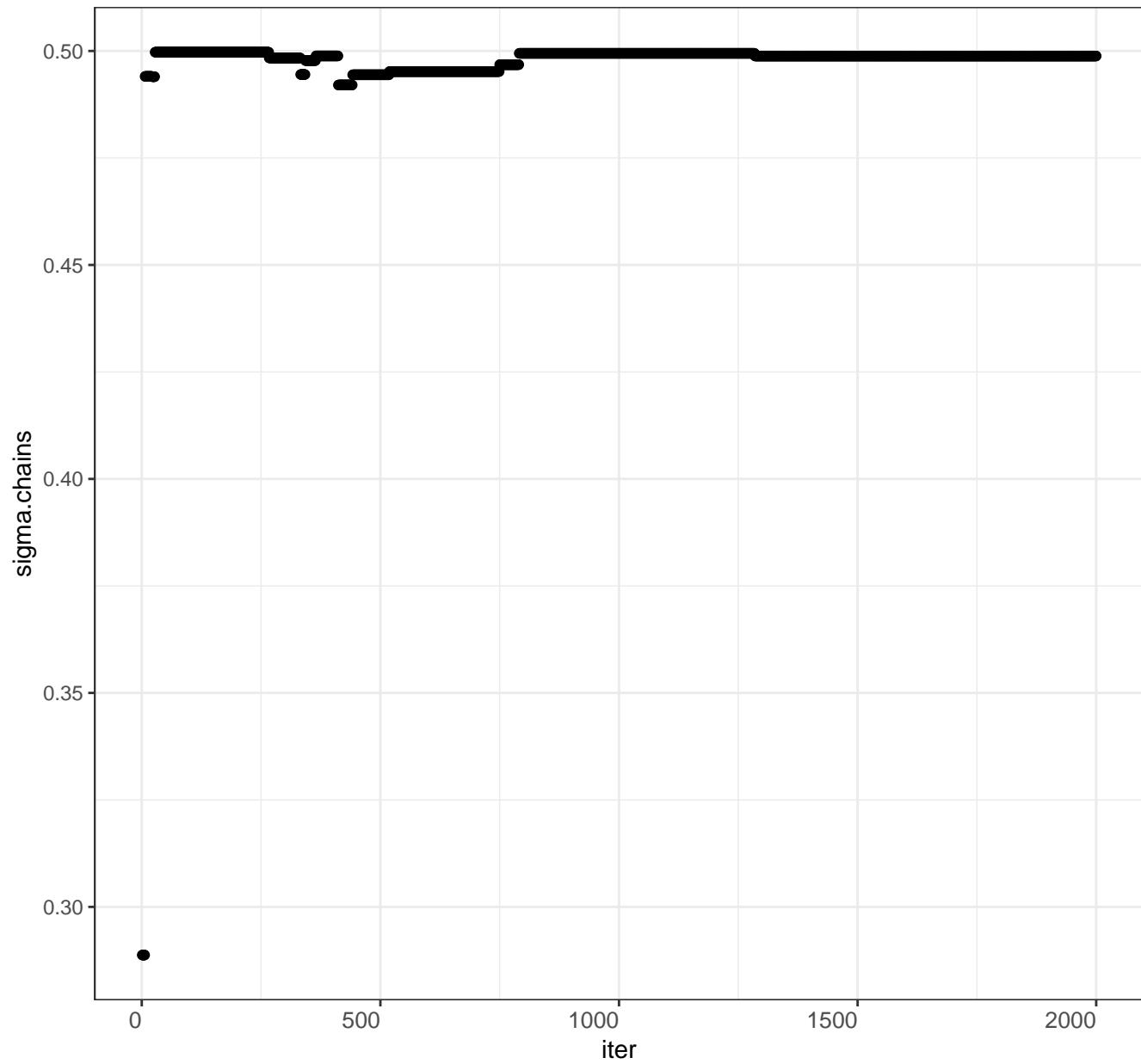
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=5 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=80 ,r=5 true gr K=4 ,type=4 ,N=204



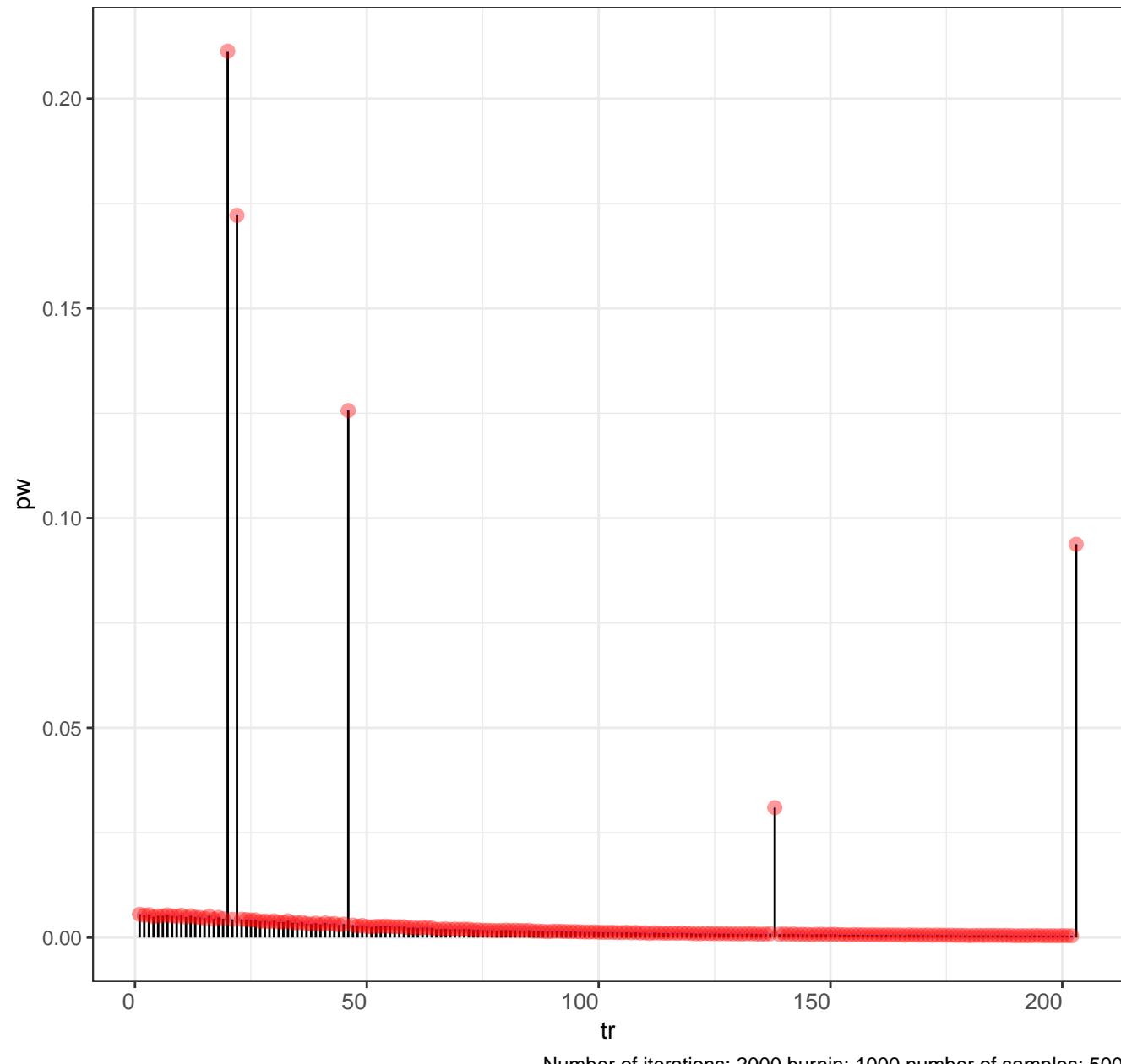
Number of iterations: 2000 burnin: 1000 number of samples: 500

Trace plot for the sigma for S=80 r=5 true K=4 type=4



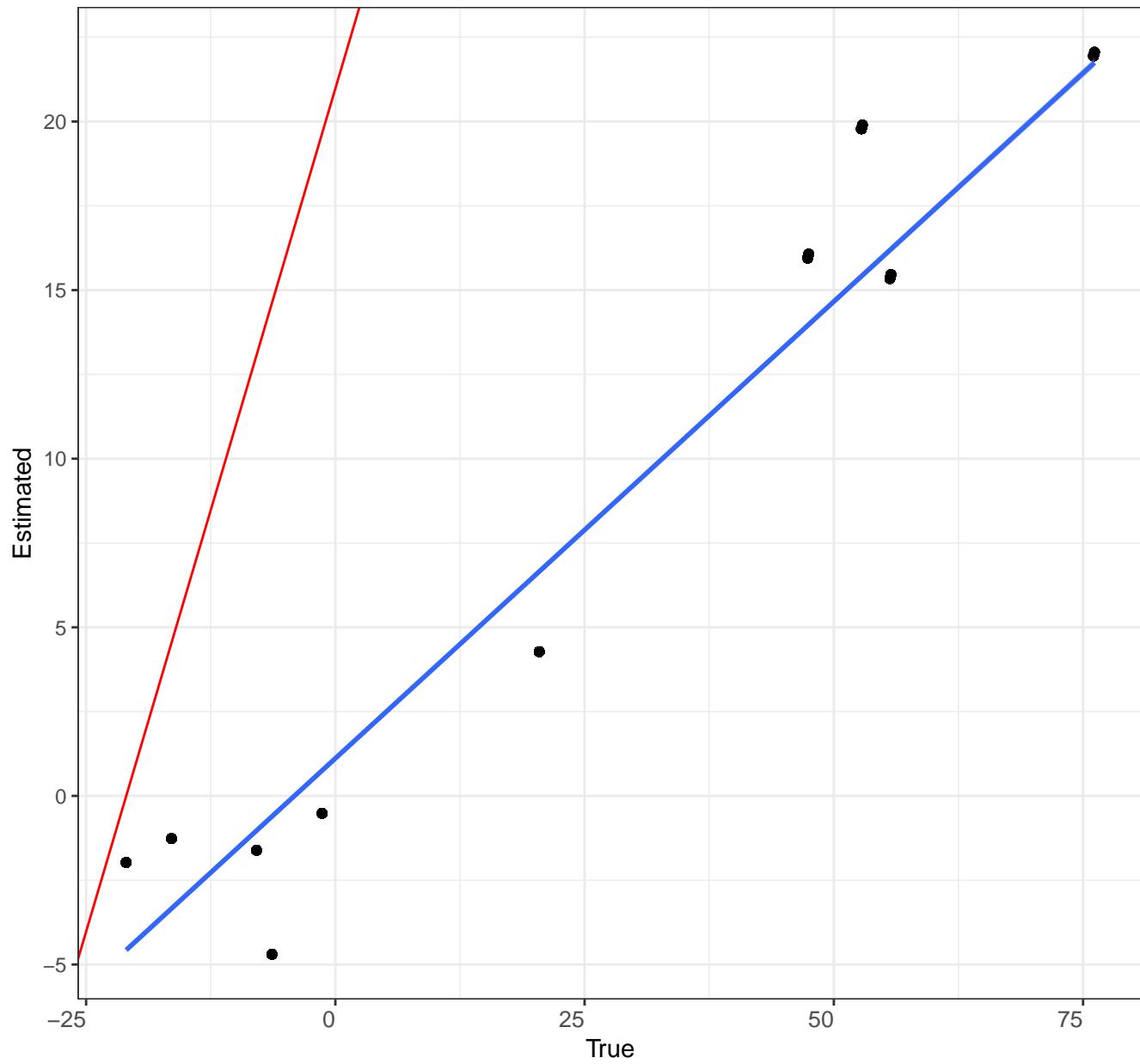
Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=80 ,r=5 true gr K=4 ,type=4 ,N=204 pN=0.094



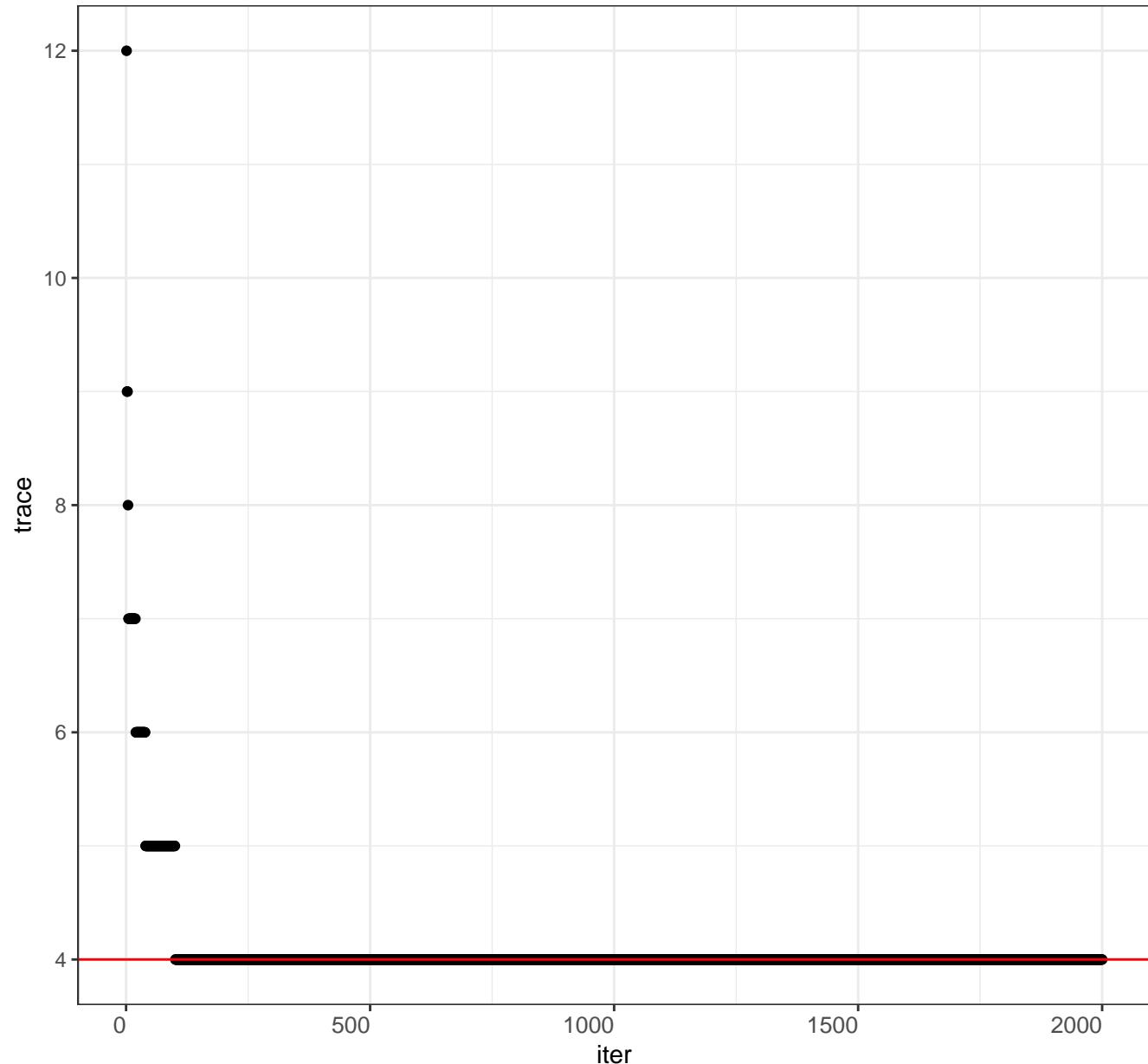
Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 r=5 true K=4 type=4

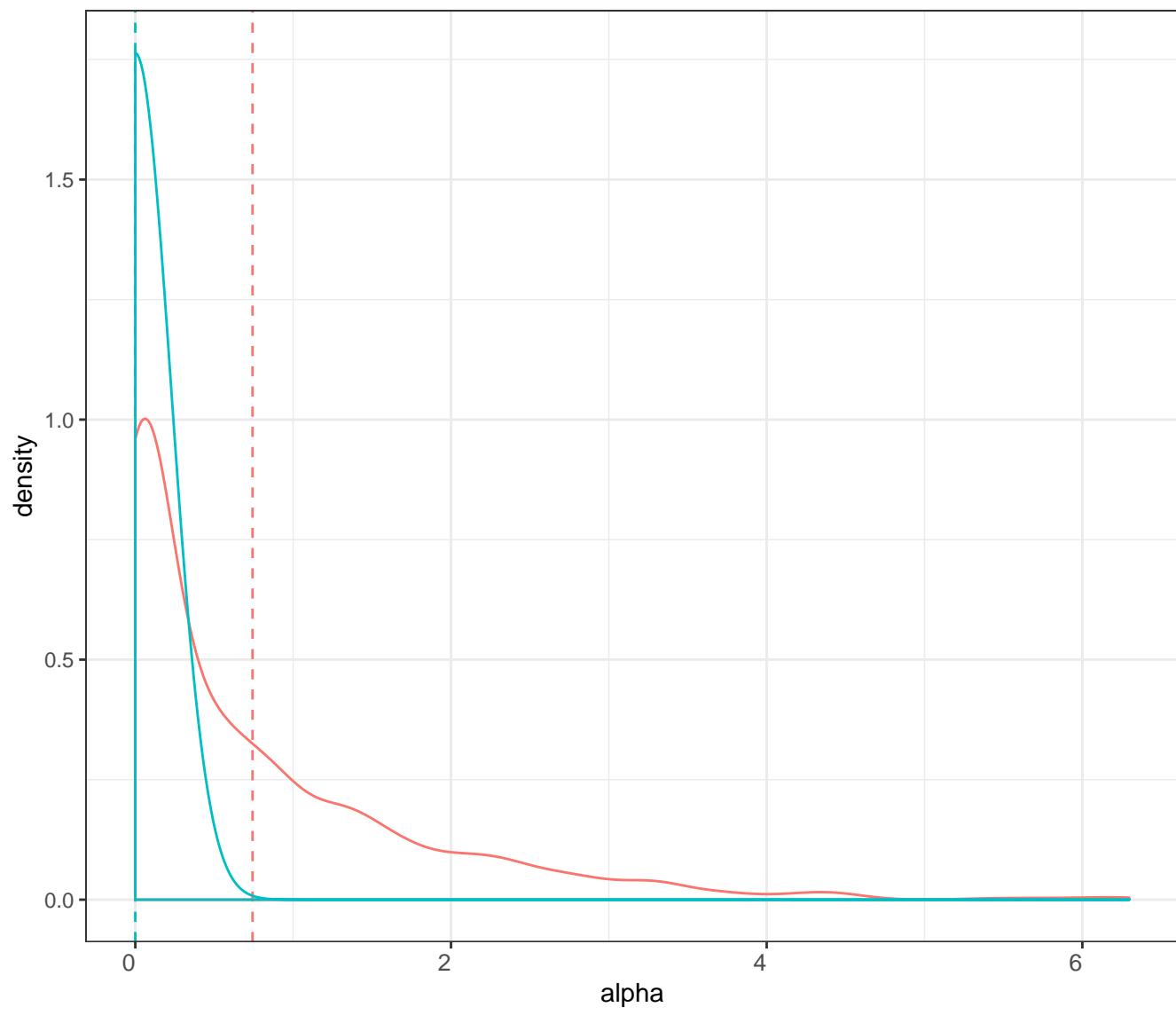
Trace plot for the number of groups K for S=80 r=5 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=80 ,r=5 true gr K=4 ,type=4 ,N=204

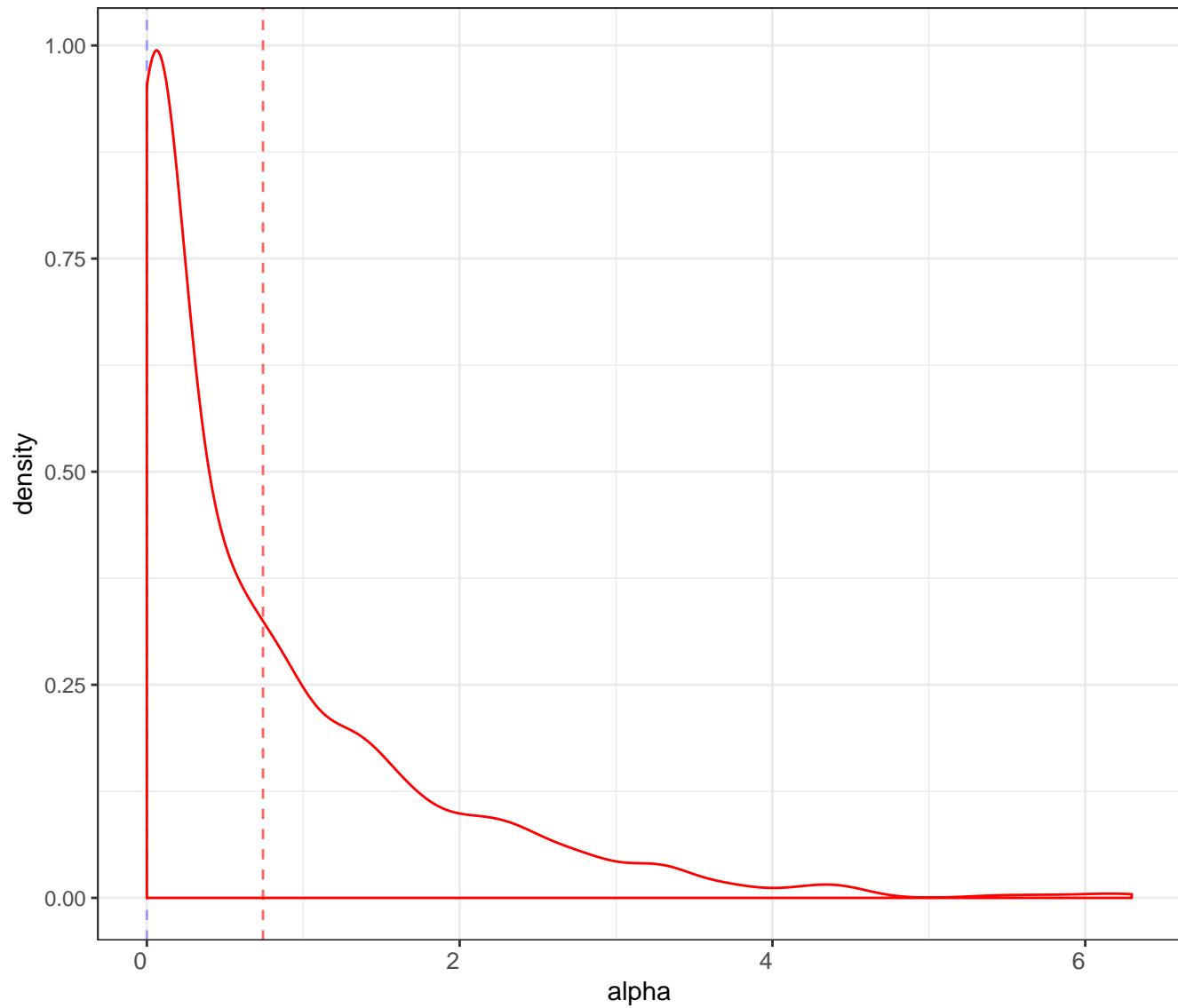
type [] posterior [] prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

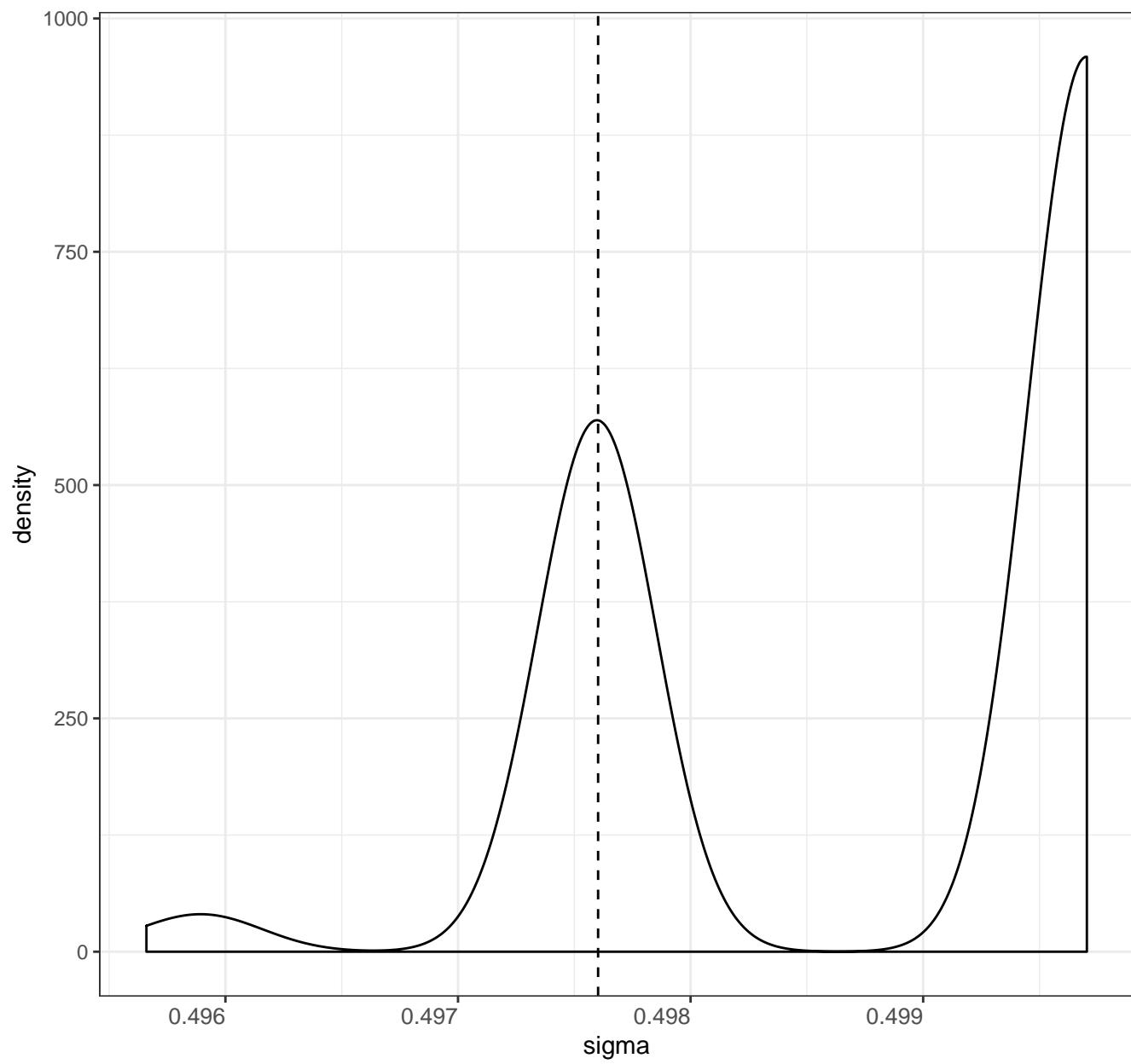
Posterior distribution for alpha

Legend | posterior mean | prior mean

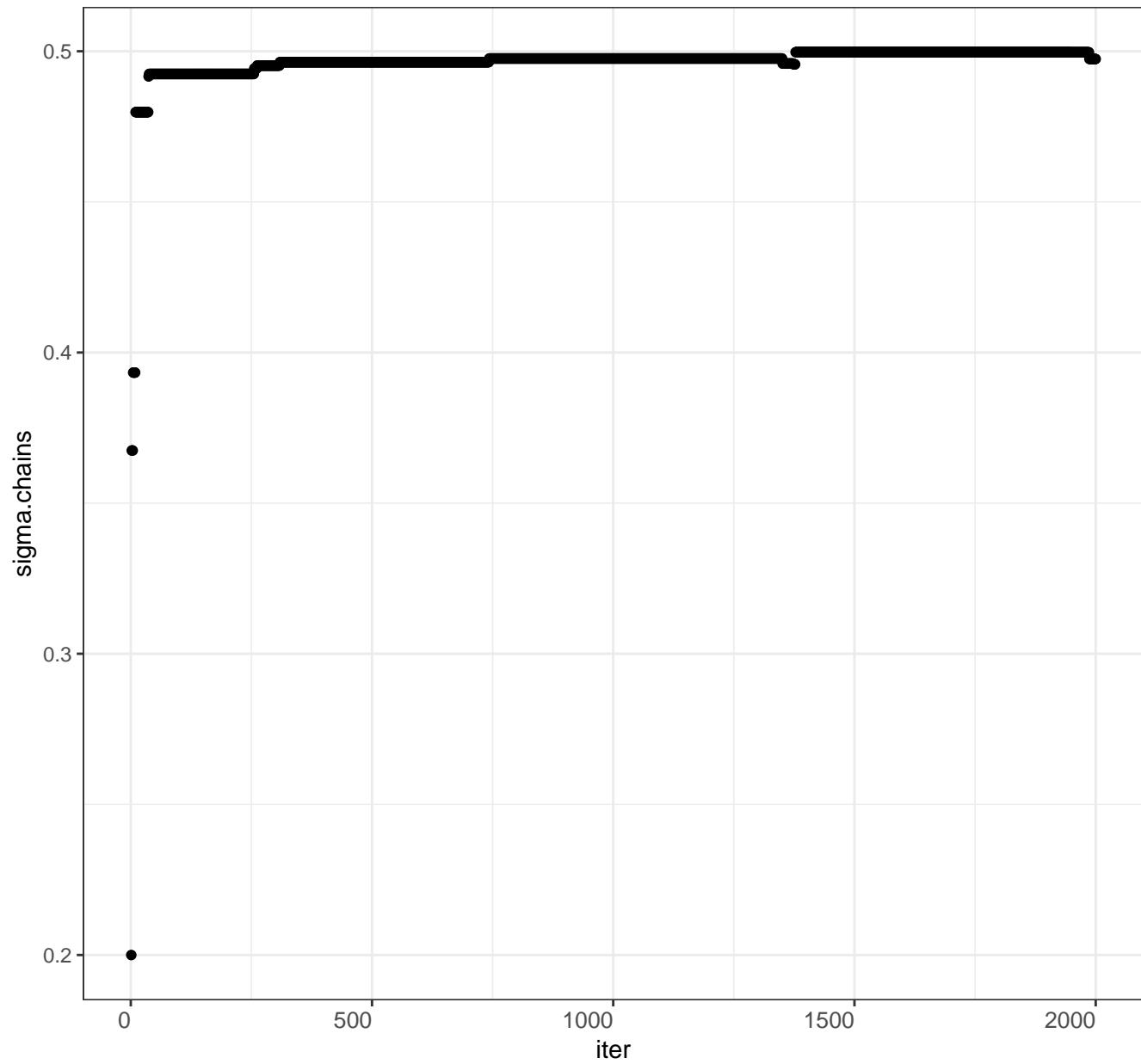


Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=5 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=80 ,r=5 true gr K=4 ,type=4 ,N=204

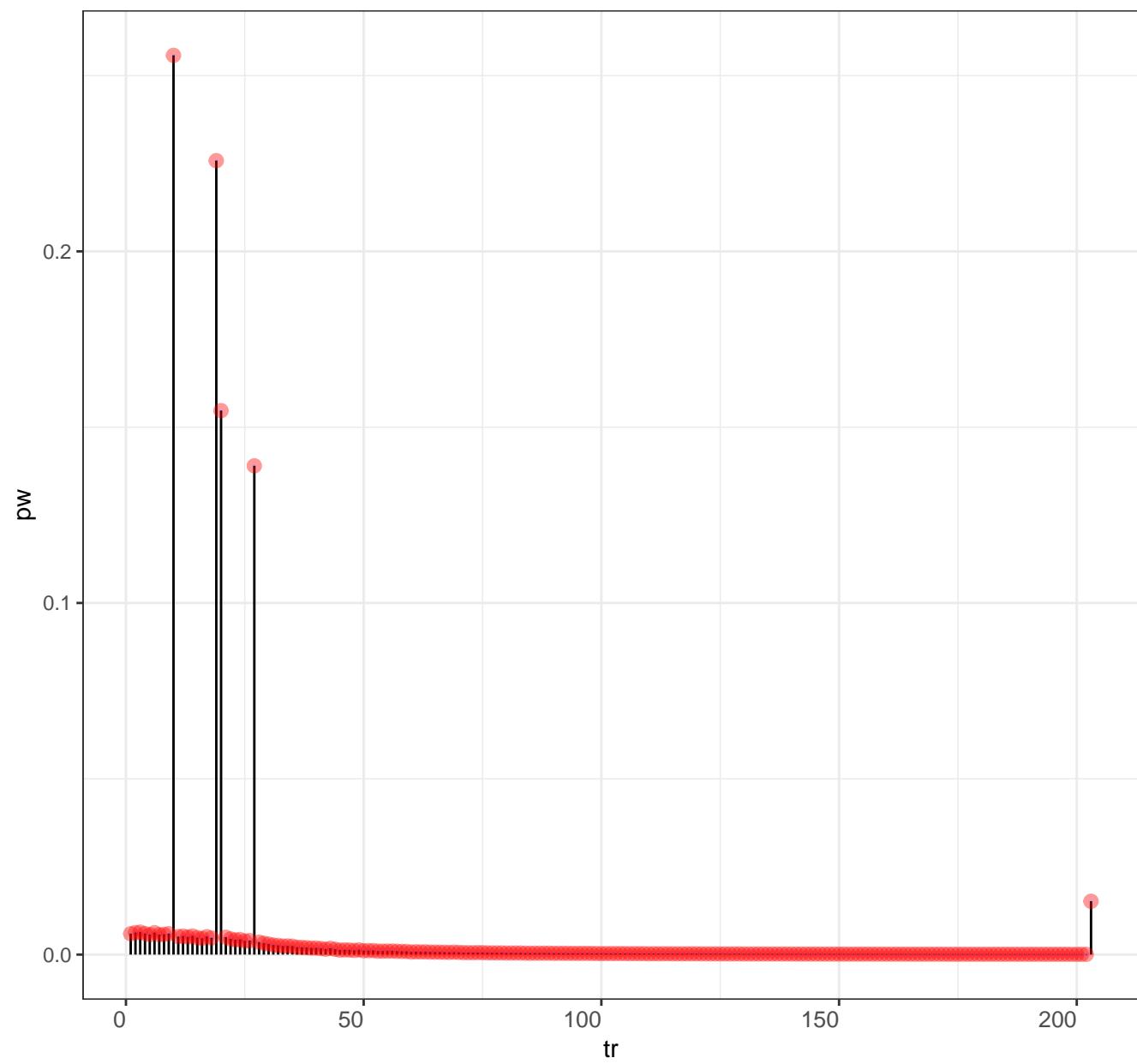


Trace plot for the sigma for S=80 r=5 true K=4 type=4



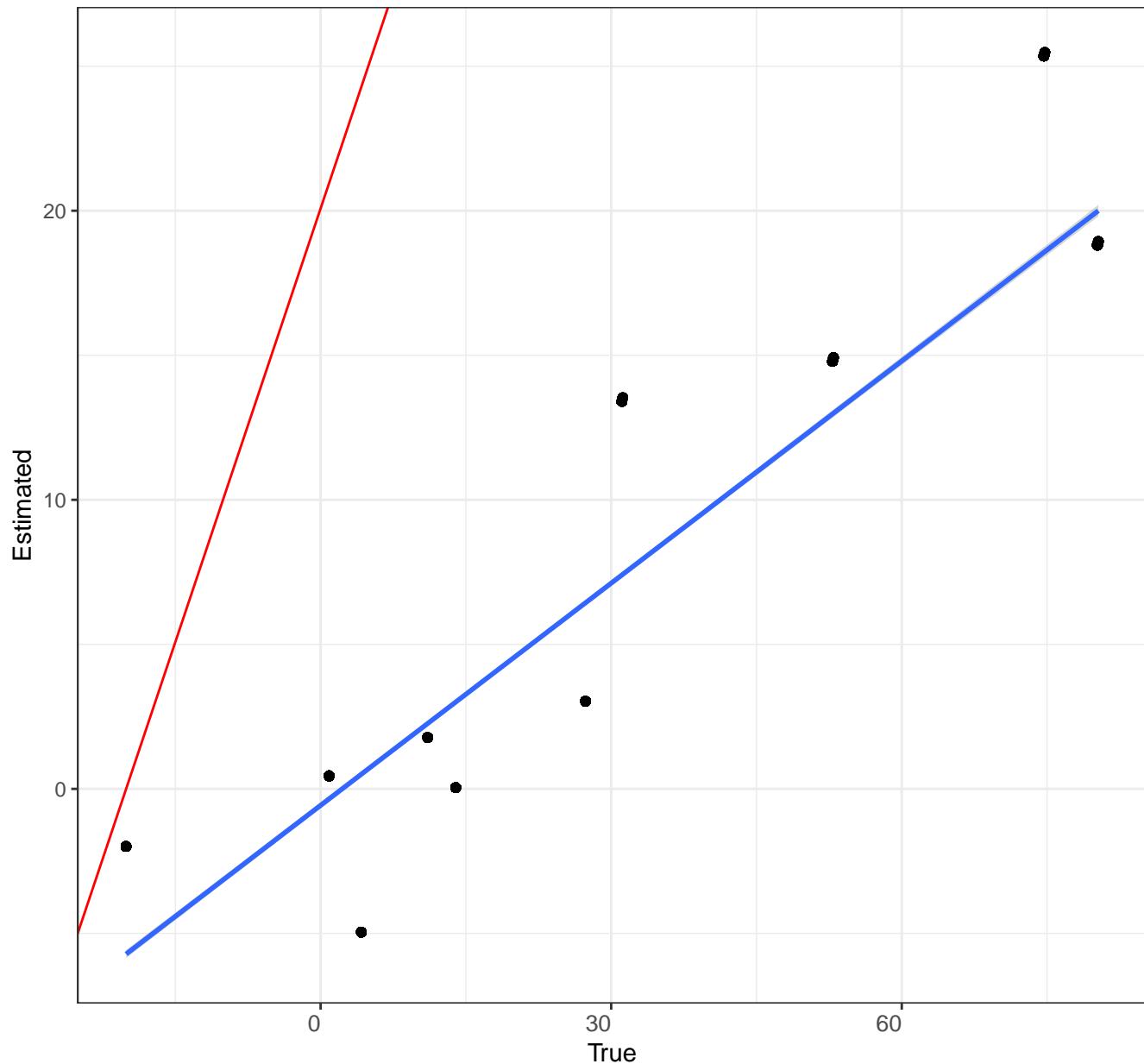
Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=80 ,r=5 true gr K=4 ,type=4 ,N=204 pN=0.015



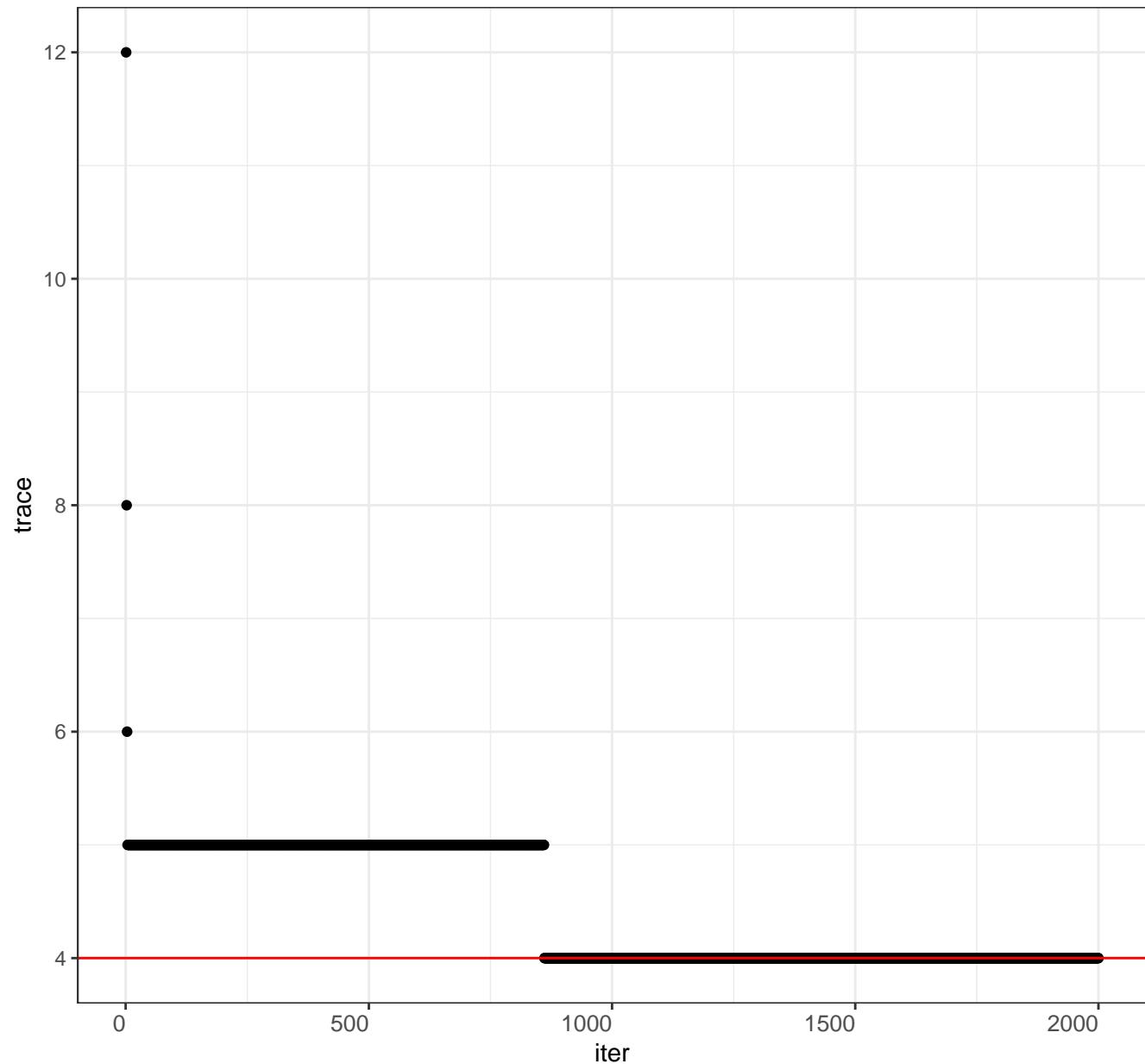
Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 r=5 true K=4 type=4

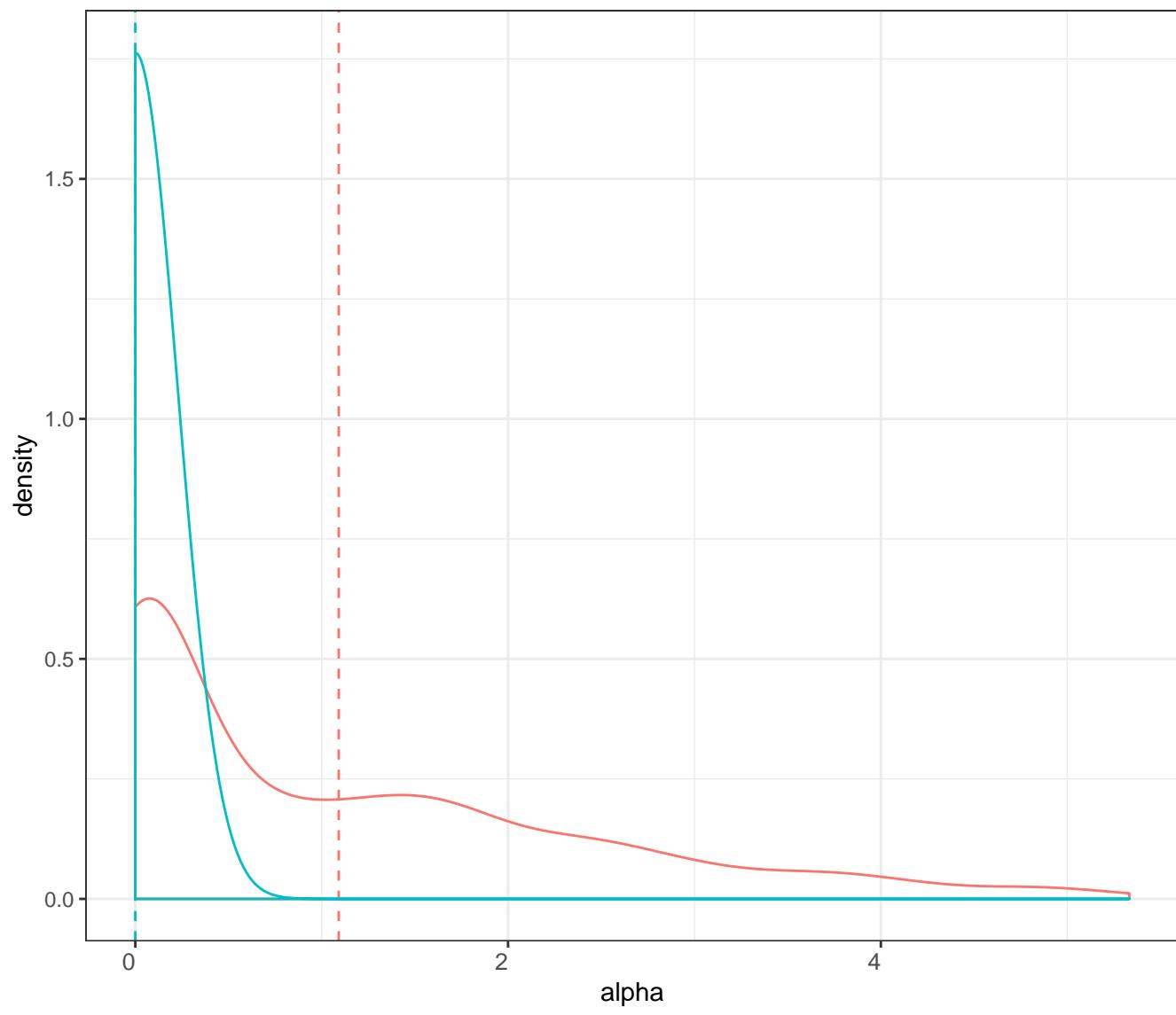
Trace plot for the number of groups K for S=80 r=10 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

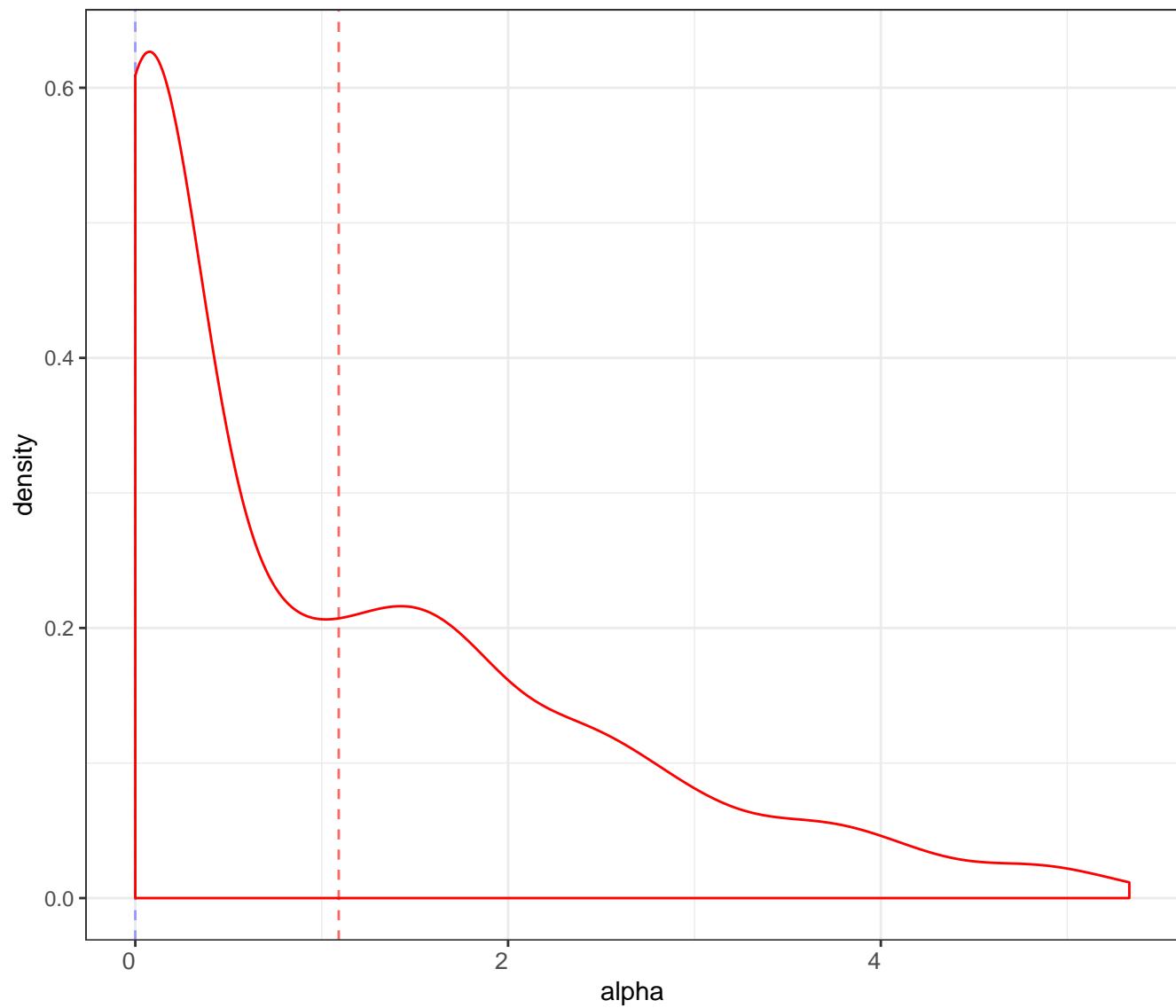
Distribution alpha: S=80 ,r=10 true gr K=4 ,type=4 ,N=204

type | posterior | prior



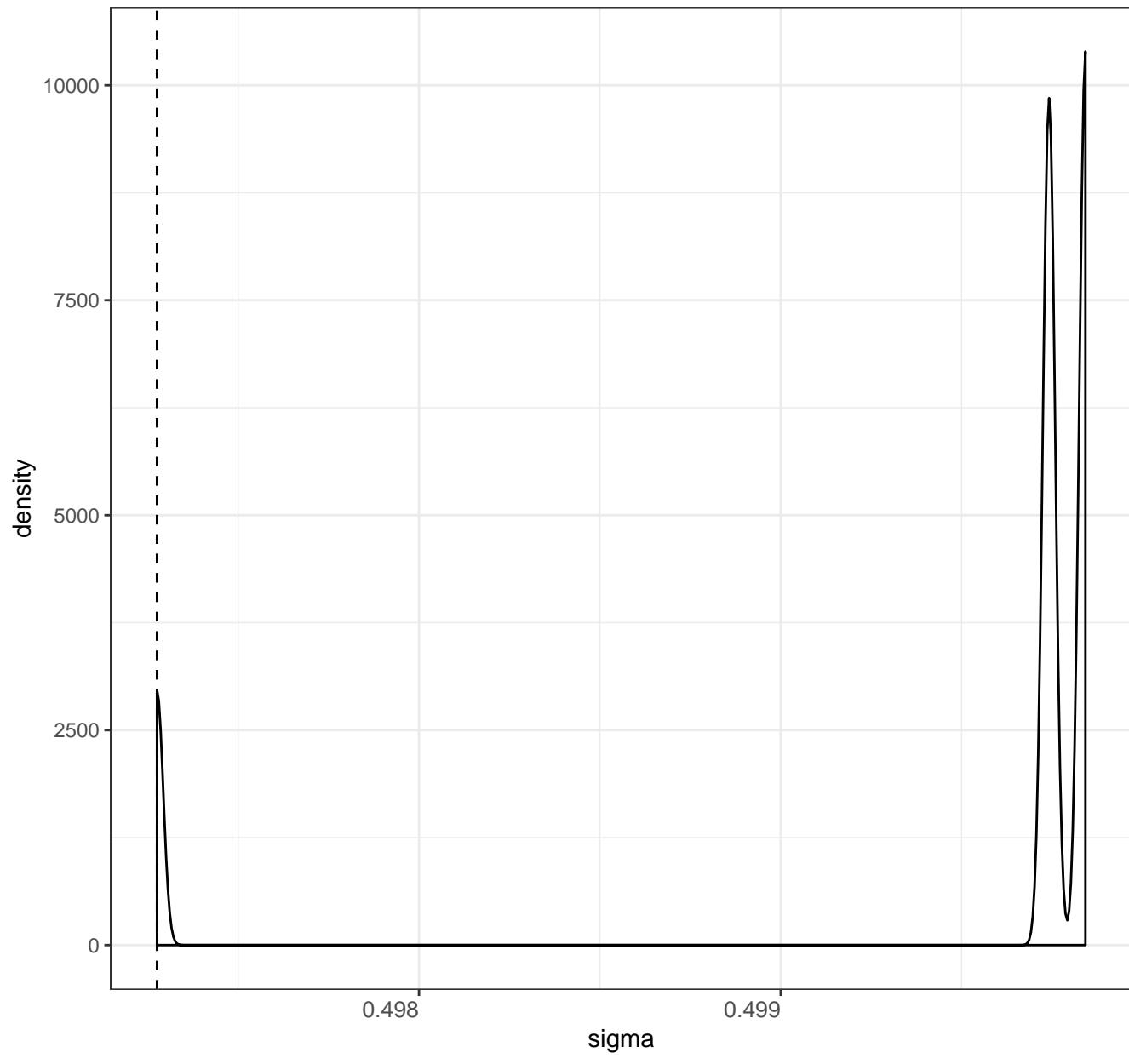
Posterior distribution for alpha

Legend | posterior mean | prior mean

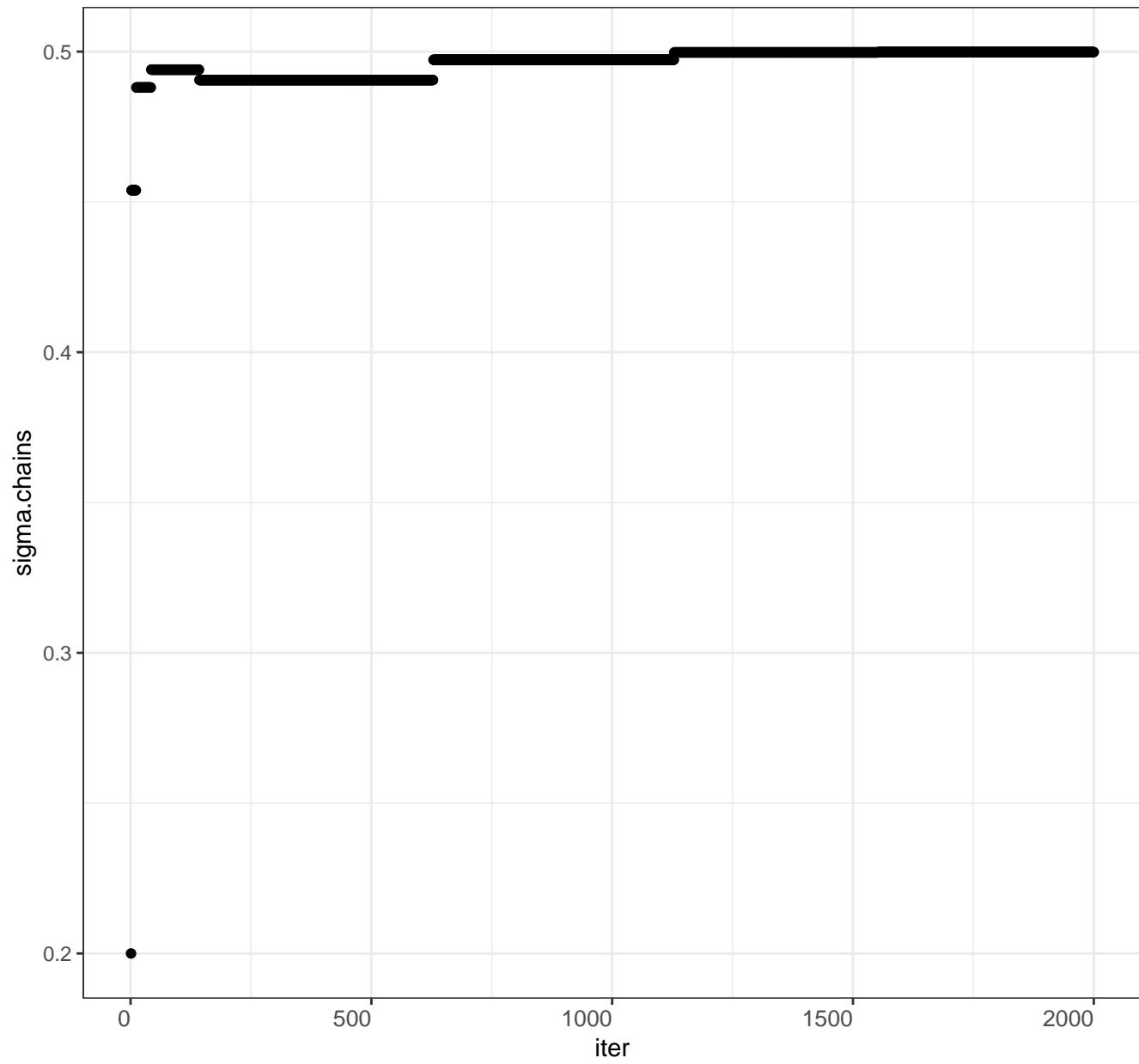


Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=10 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=80 ,r=10 true gr K=4 ,type=4 ,N=204

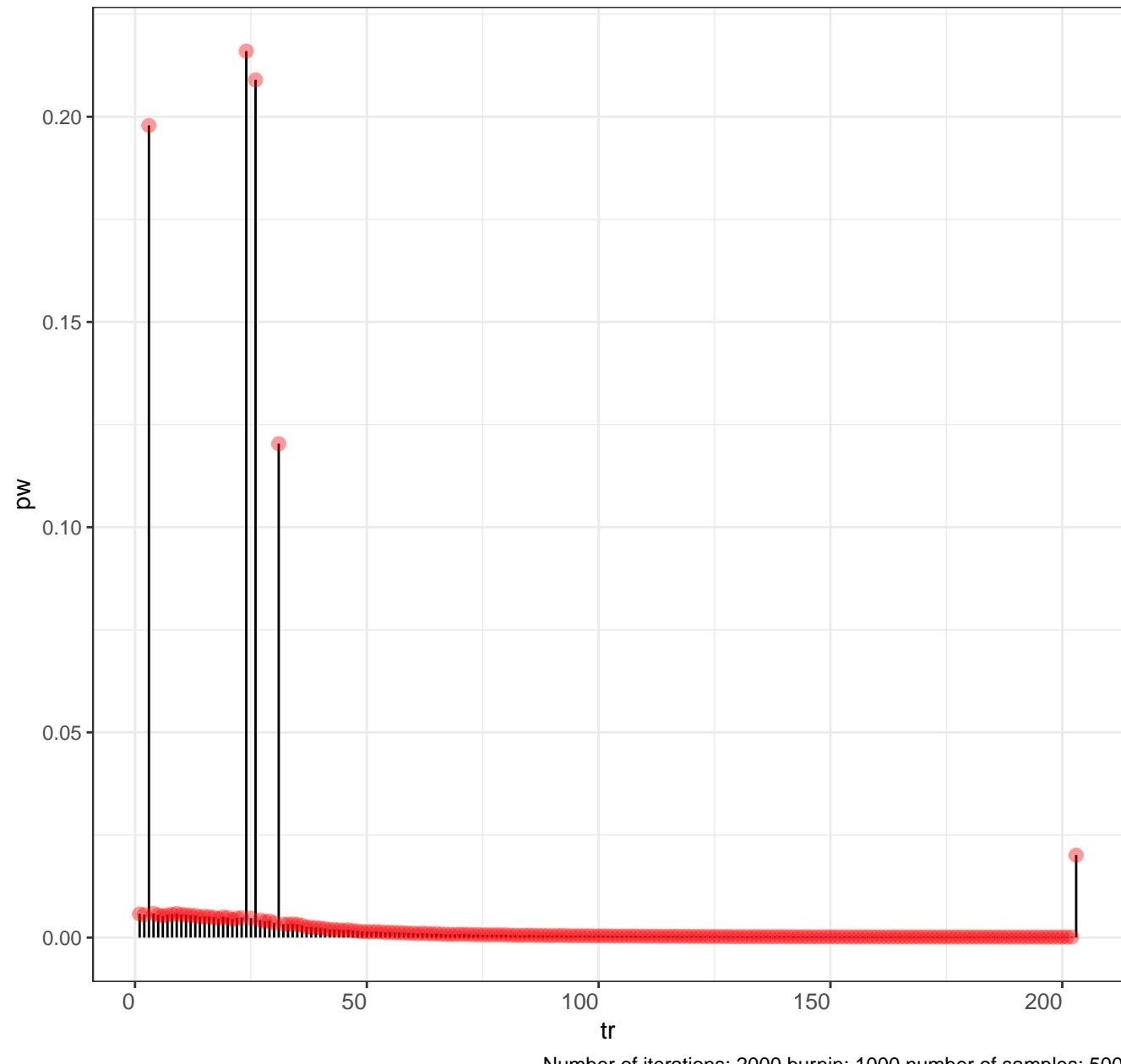


Trace plot for the sigma for S=80 r=10 true K=4 type=4

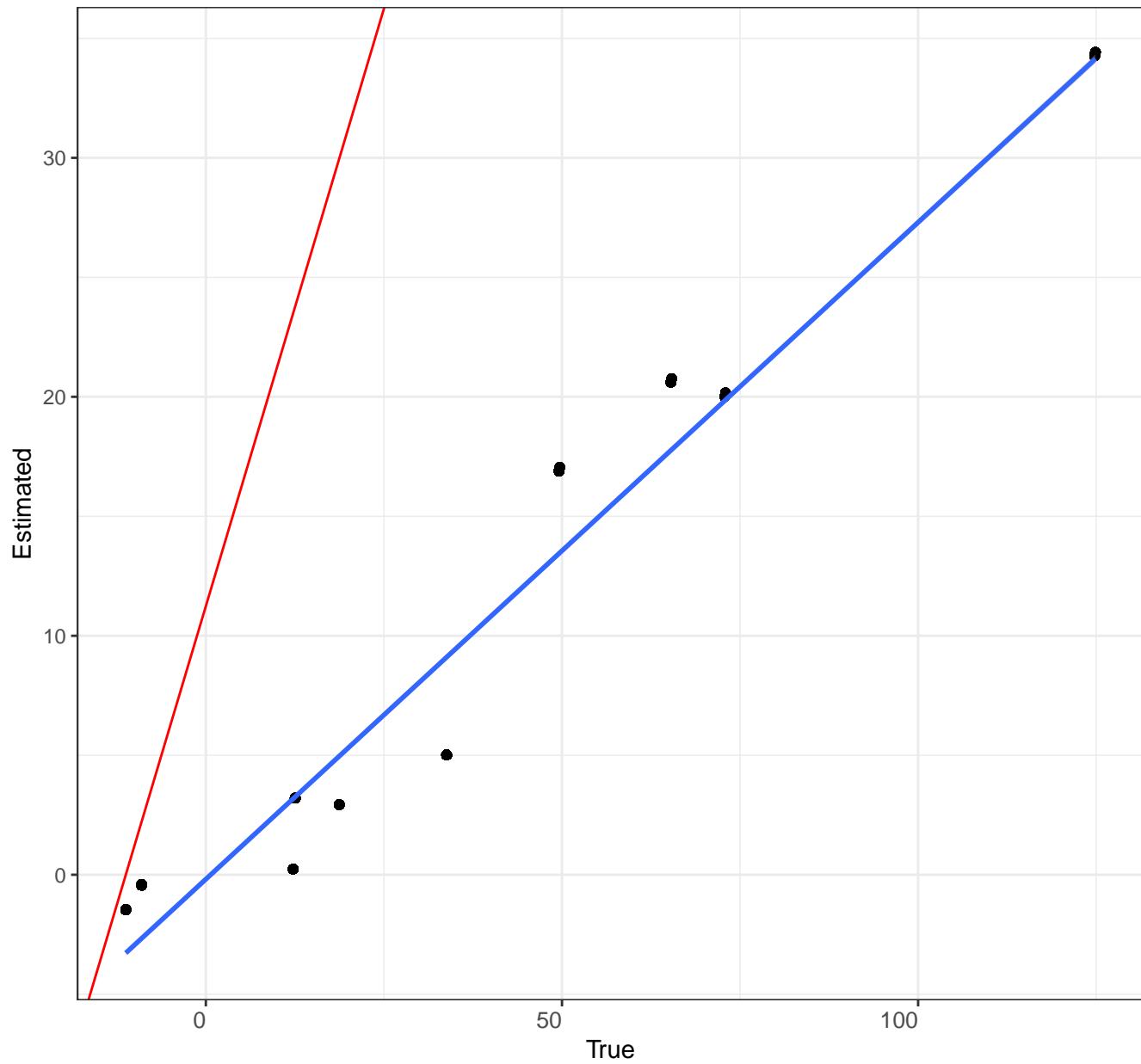


Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=80 ,r=10 true gr K=4 ,type=4 ,N=204 pN=0.02

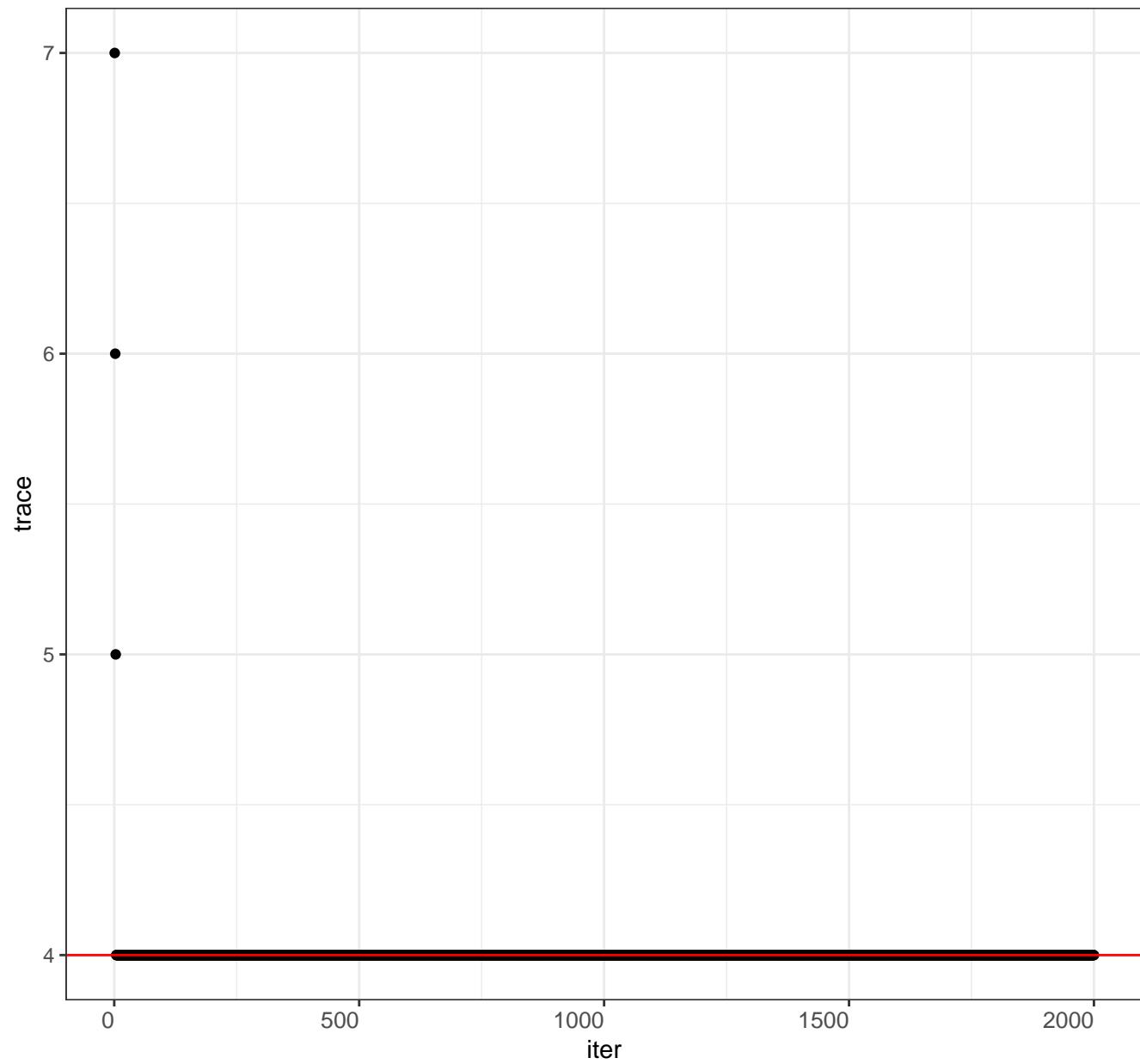


True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 r=10 true K=4 type=4

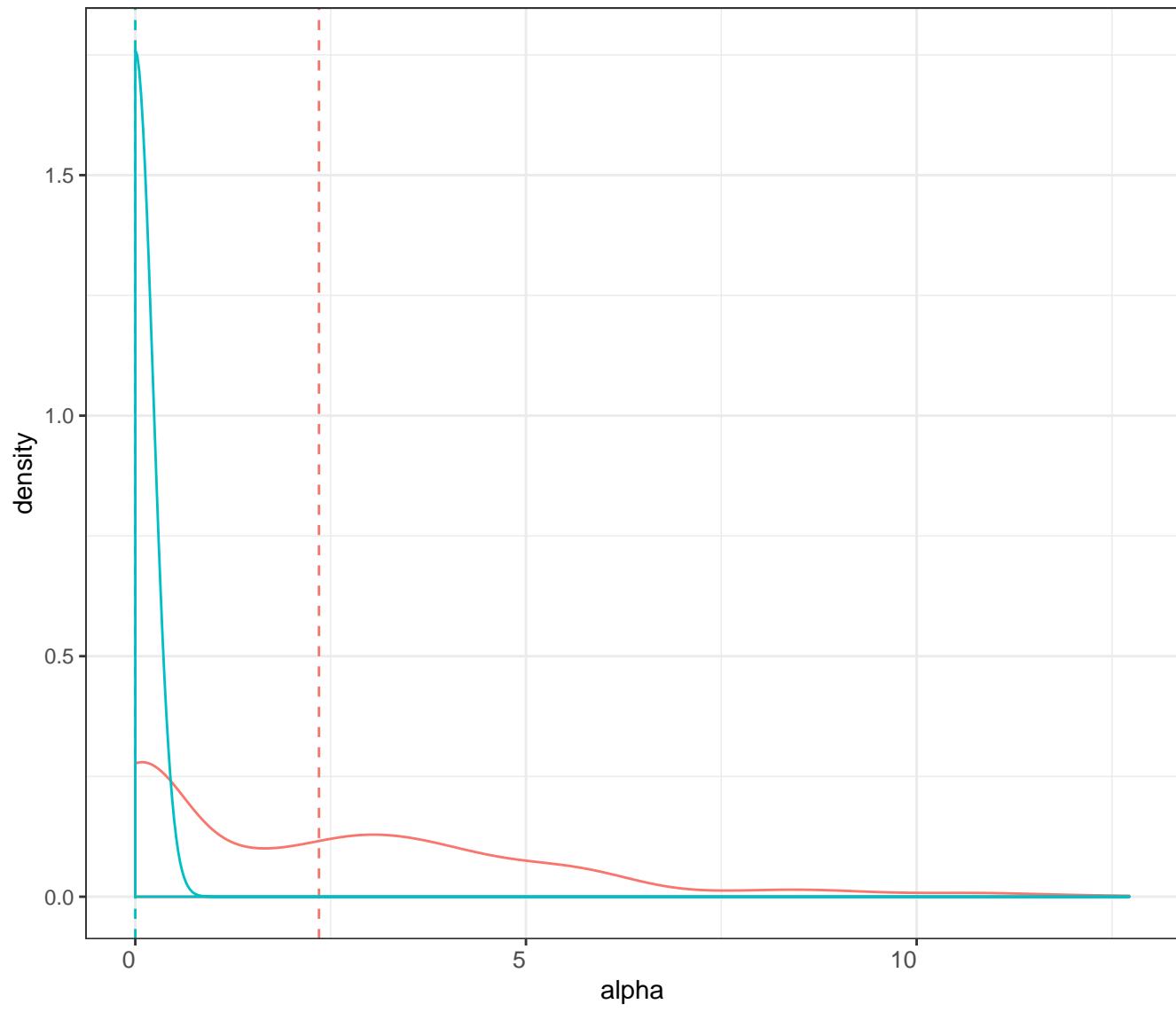
Trace plot for the number of groups K for S=80 r=10 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

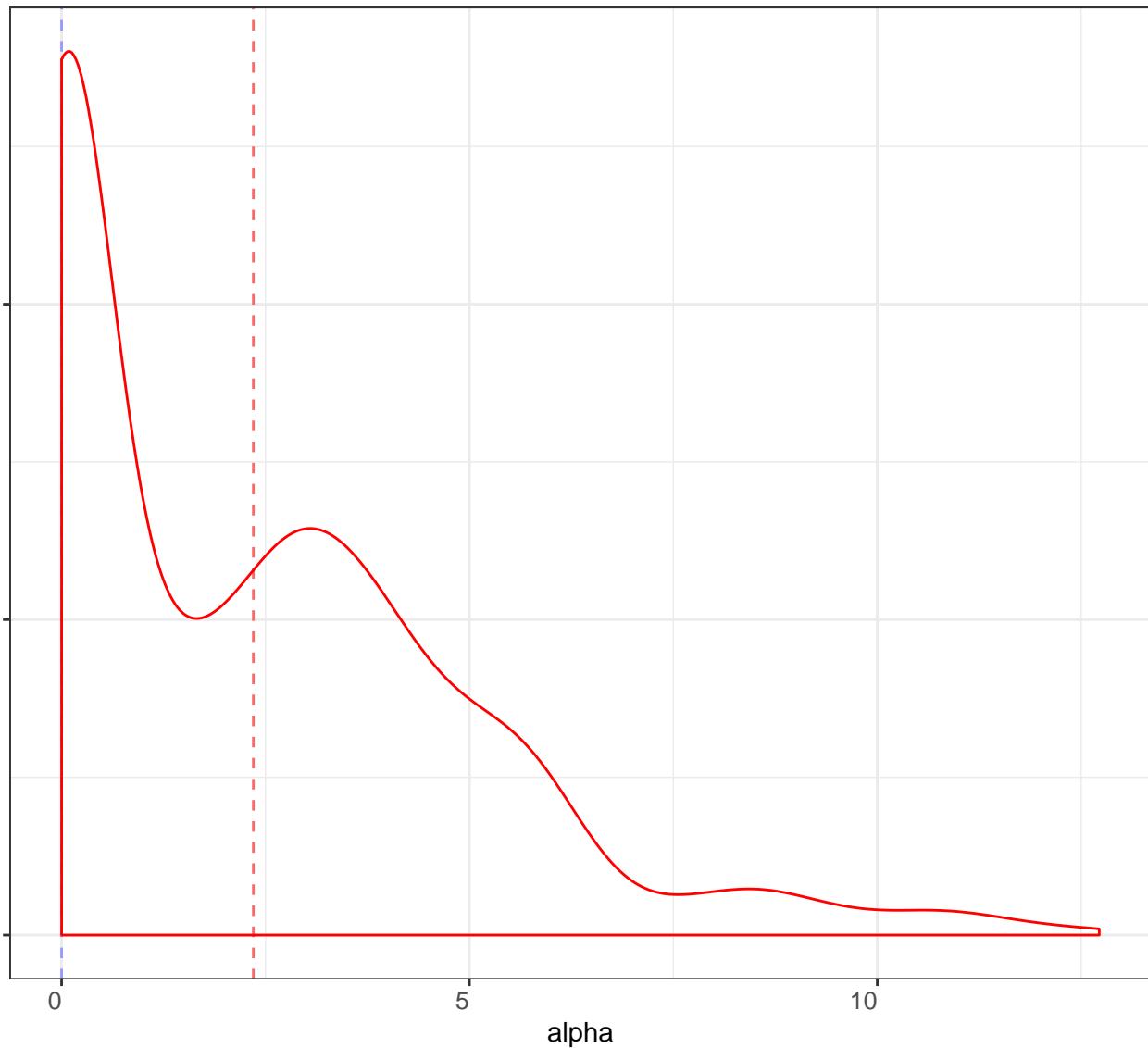
Distribution alpha: S=80 ,r=10 true gr K=4 ,type=4 ,N=204

type [] posterior [] prior



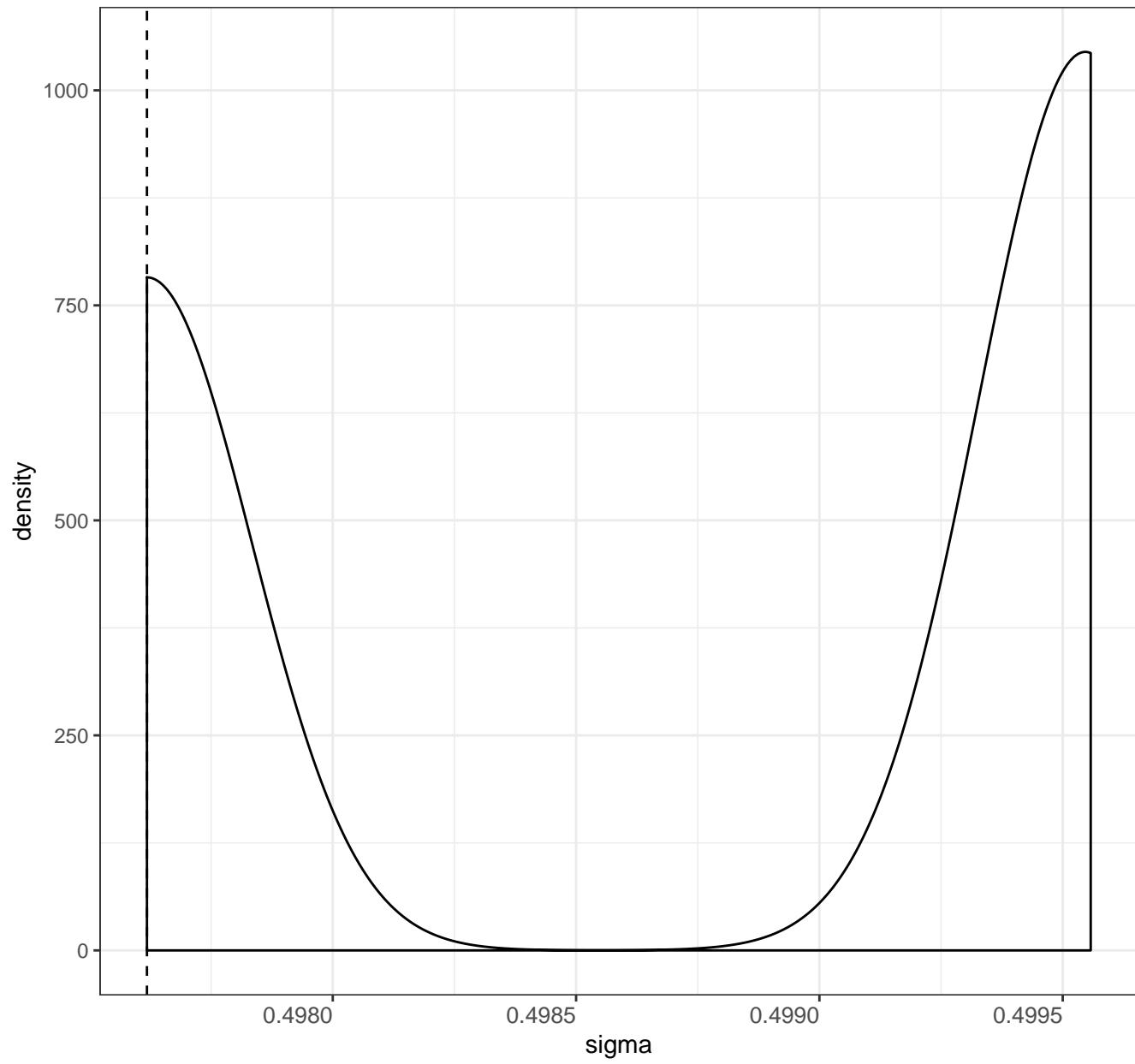
Posterior distribution for alpha

Legend | posterior mean | prior mean

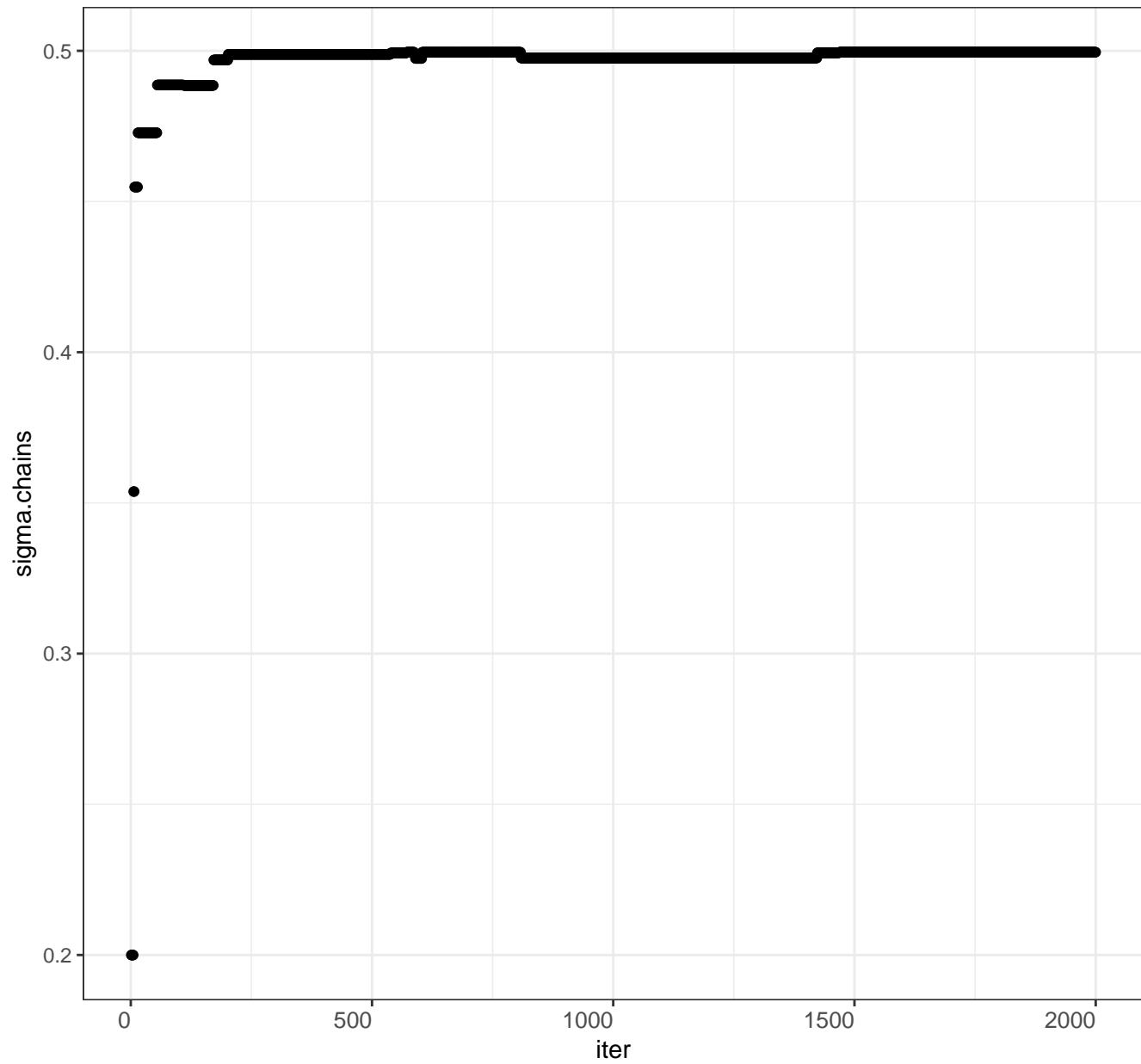


Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=10 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=80 ,r=10 true gr K=4 ,type=4 ,N=204

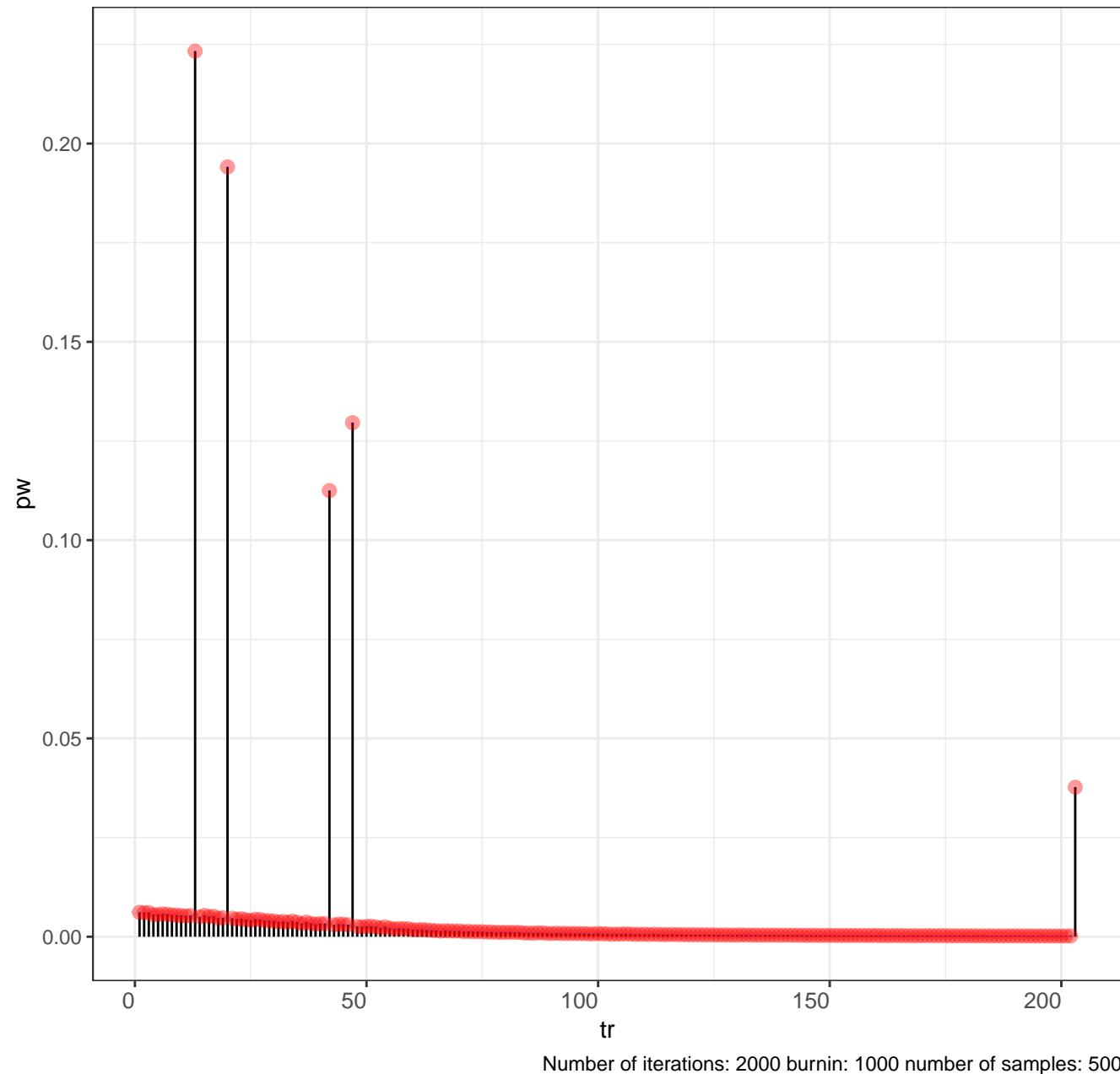


Trace plot for the sigma for S=80 r=10 true K=4 type=4

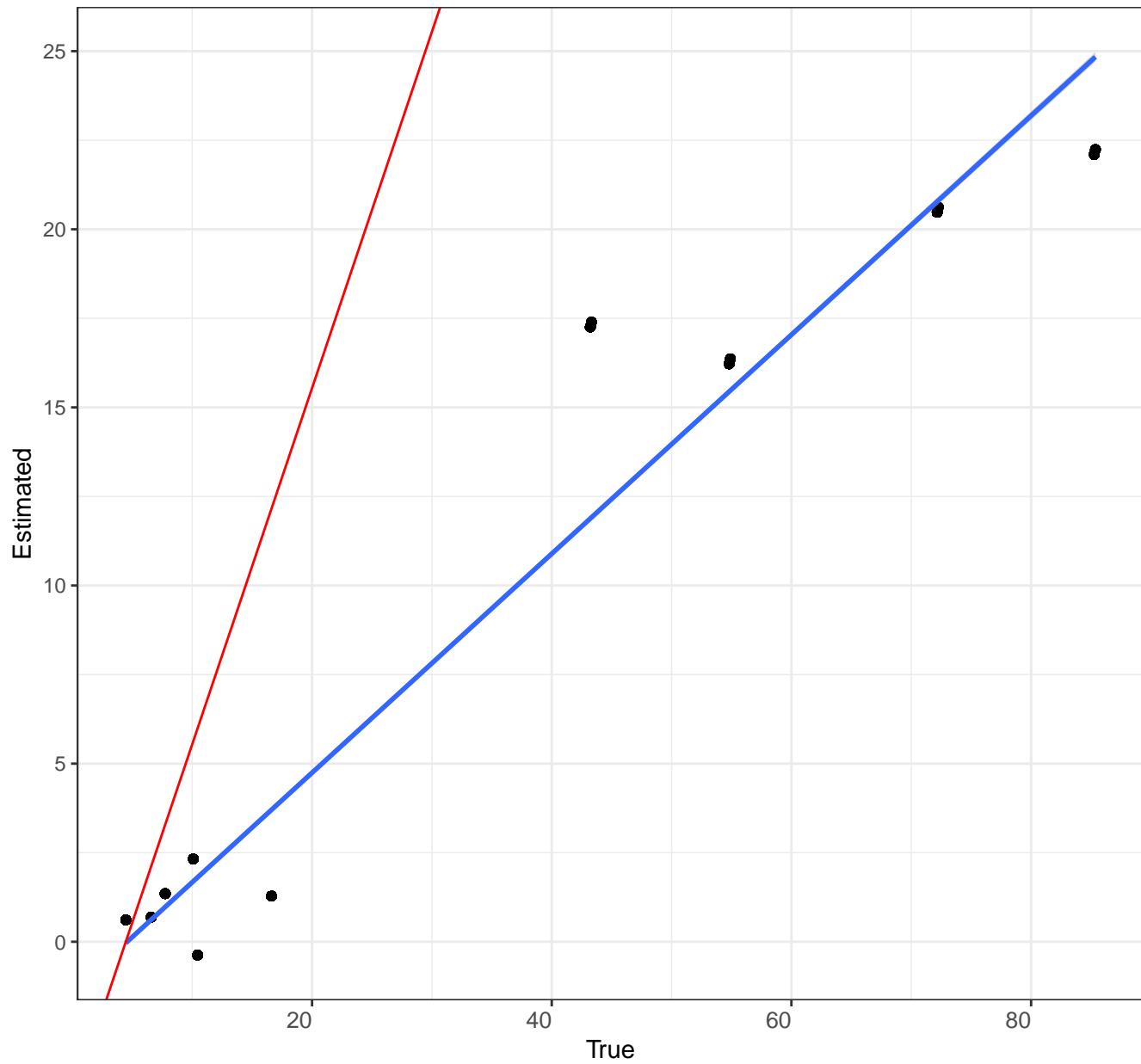


Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=80 ,r=10 true gr K=4 ,type=4 ,N=204 pN=0.038

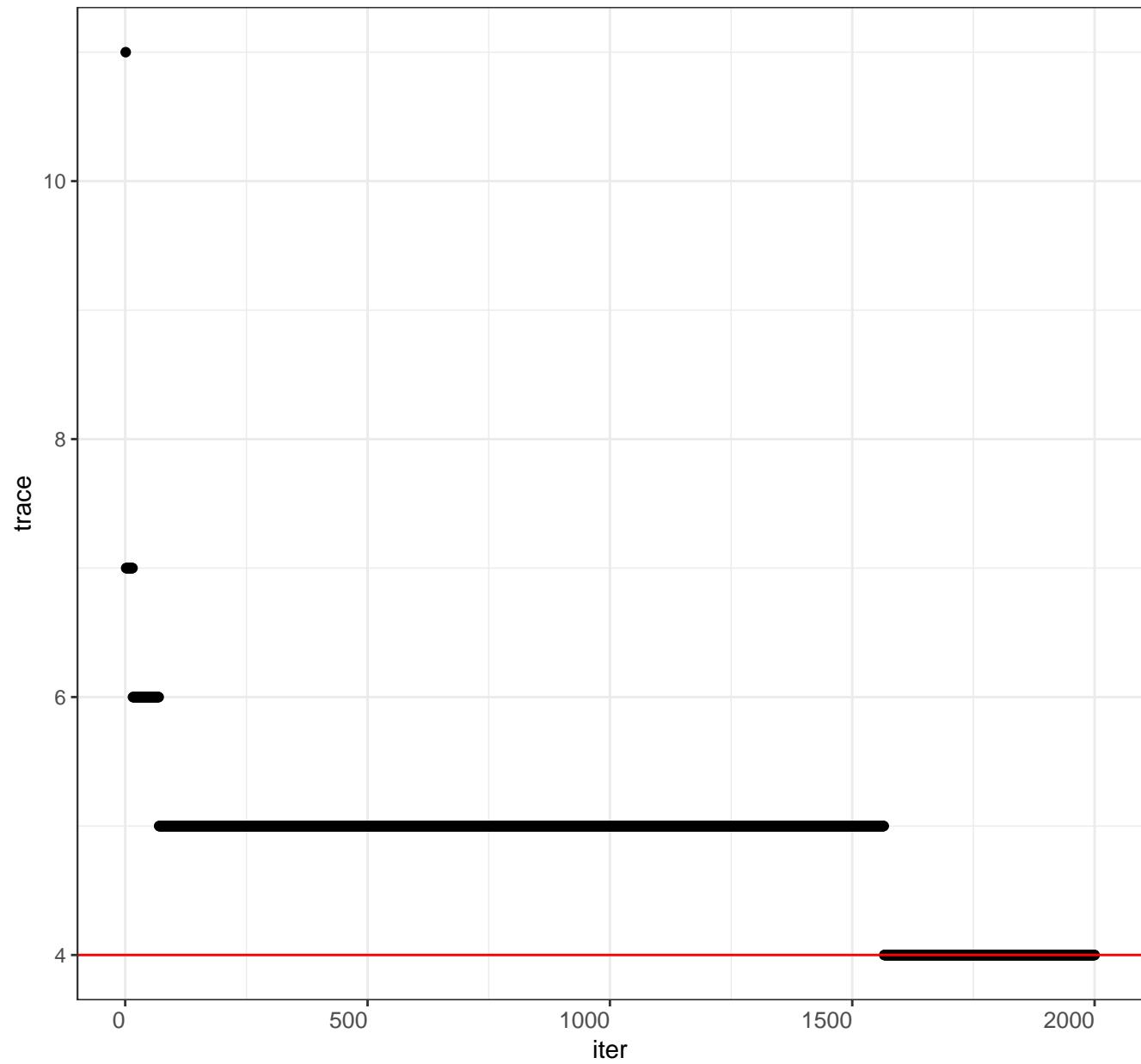


True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 r=10 true K=4 type=4

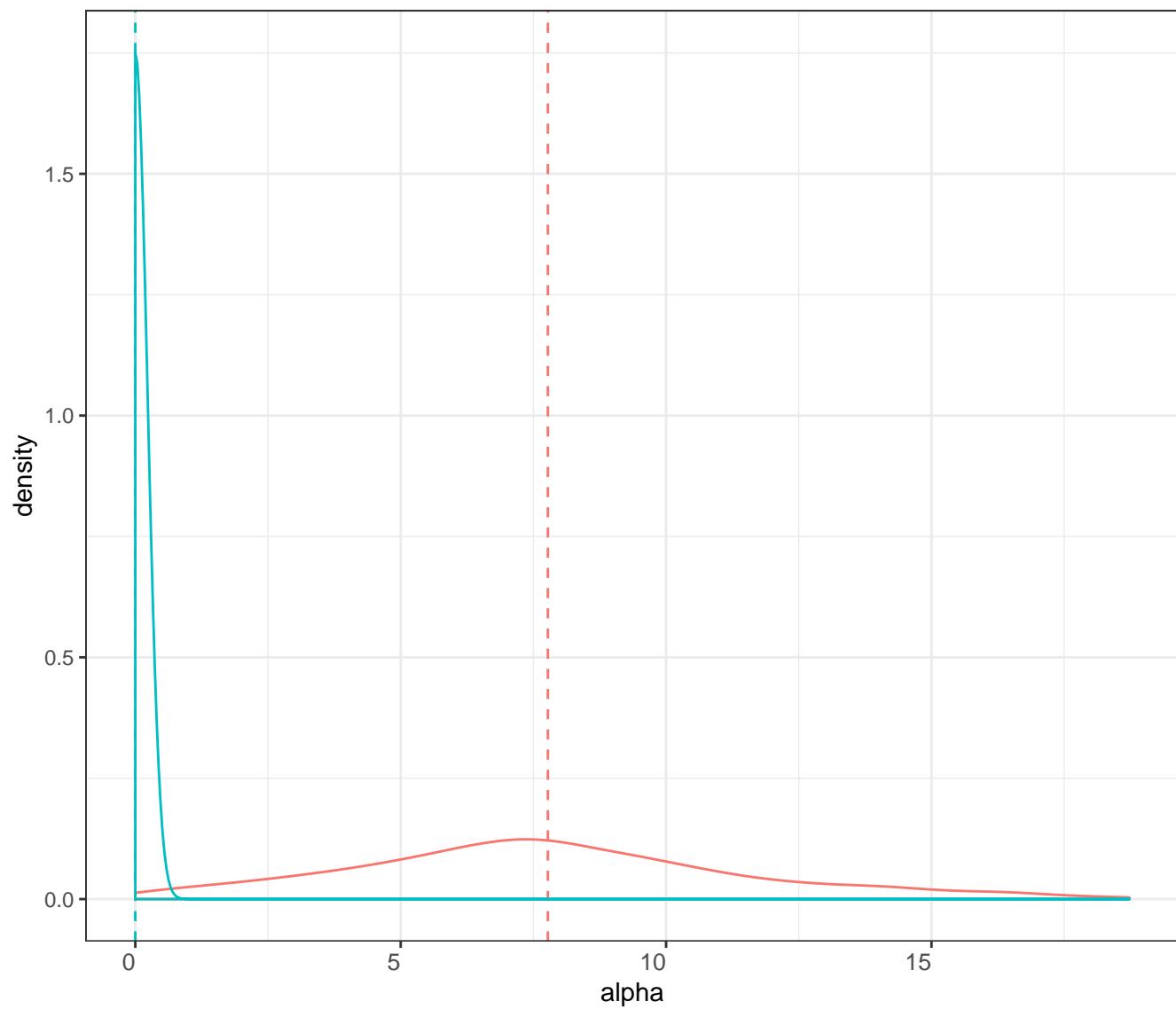
Trace plot for the number of groups K for S=80 r=10 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=80 ,r=10 true gr K=4 ,type=4 ,N=204

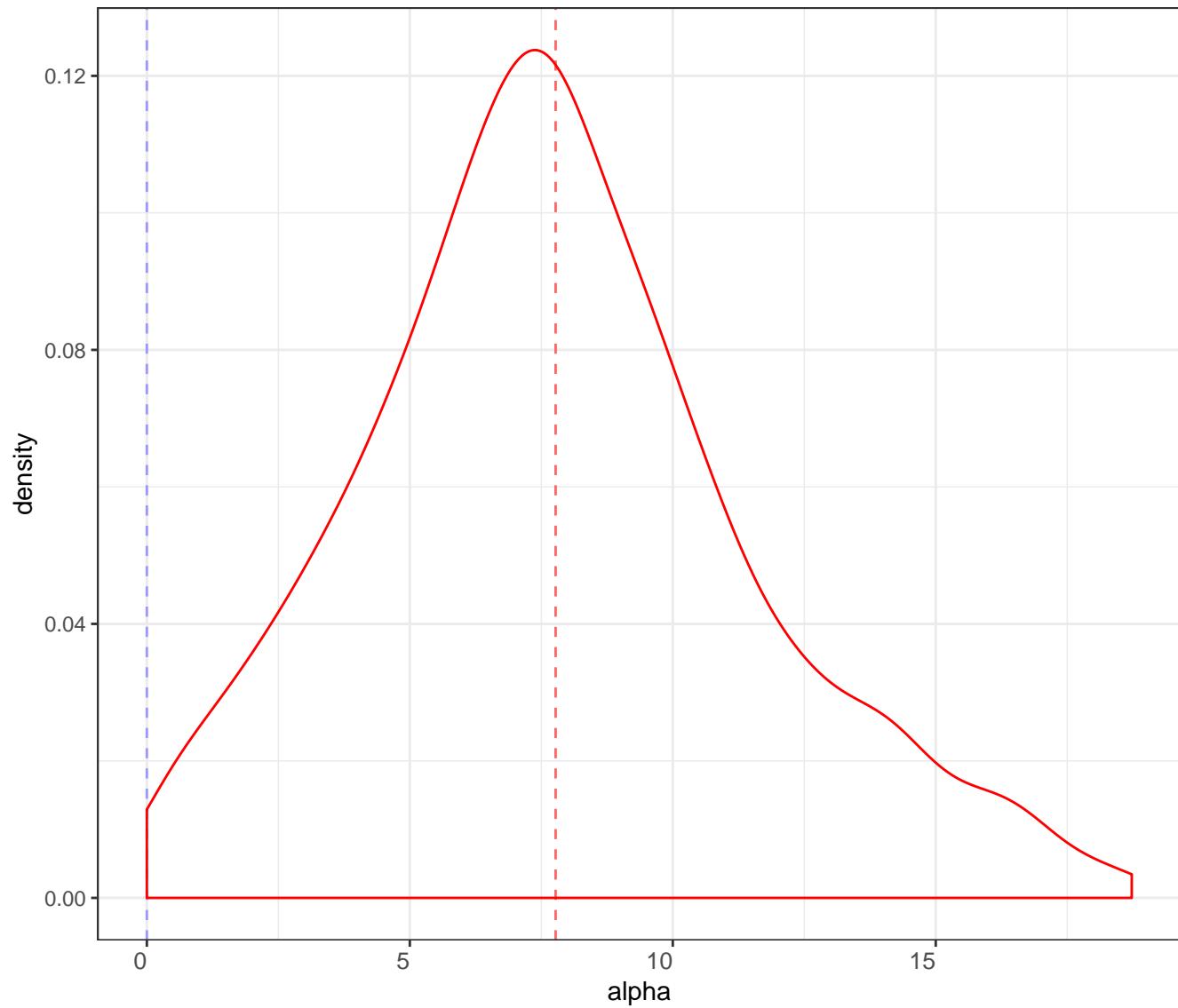
type [] posterior [] prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

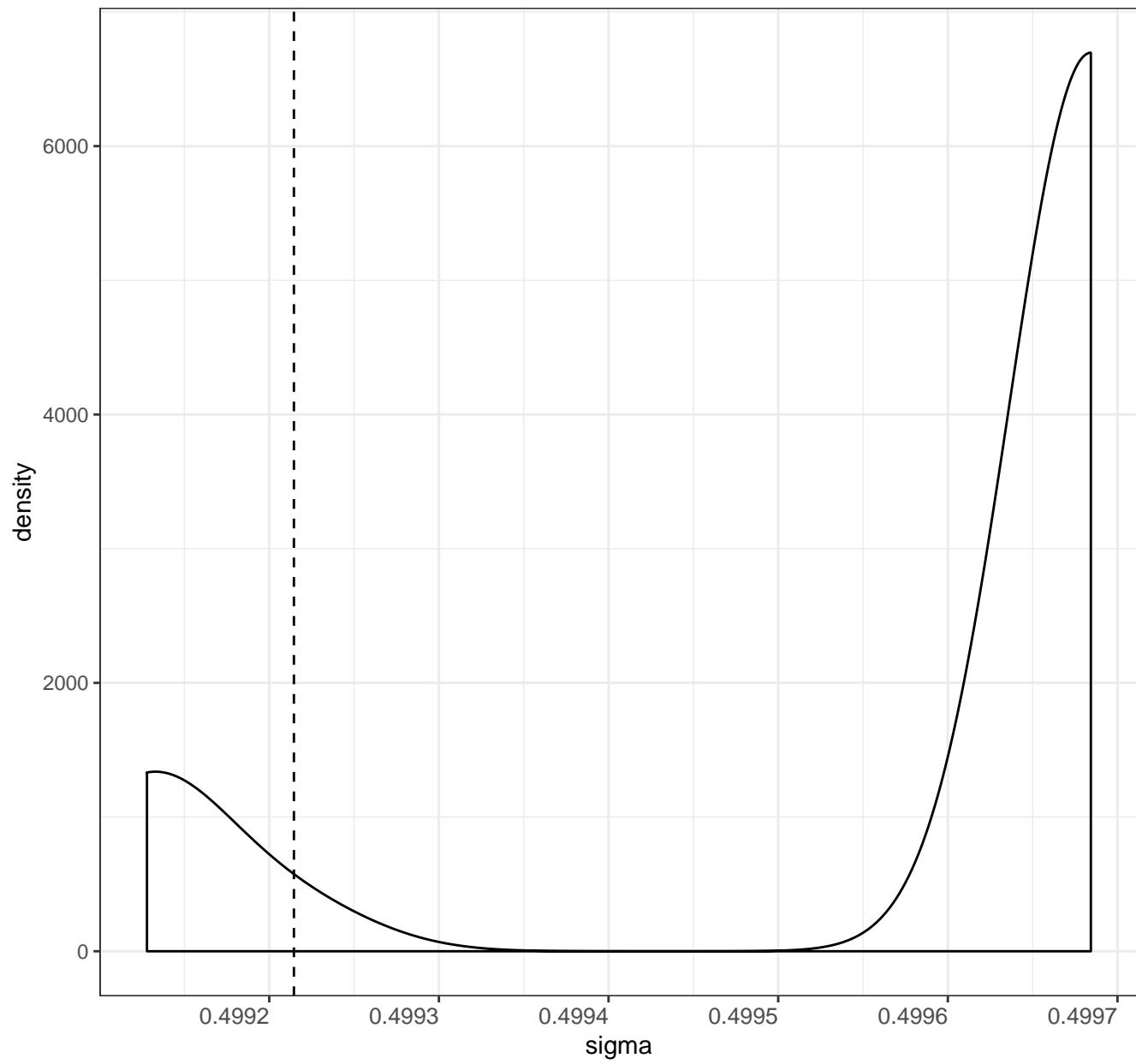
Posterior distribution for alpha

Legend | posterior mean | prior mean



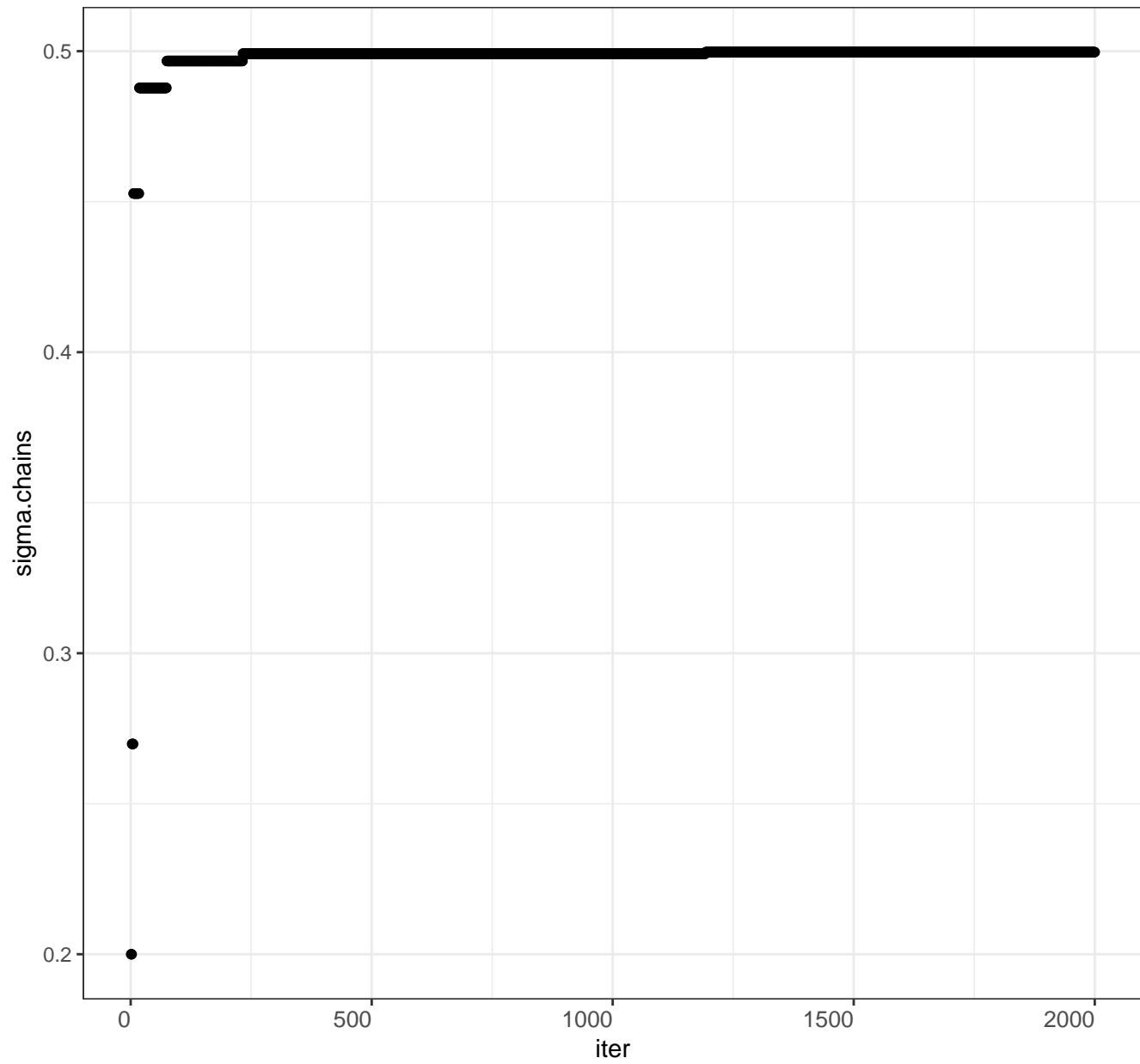
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=10 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=80 ,r=10 true gr K=4 ,type=4 ,N=204



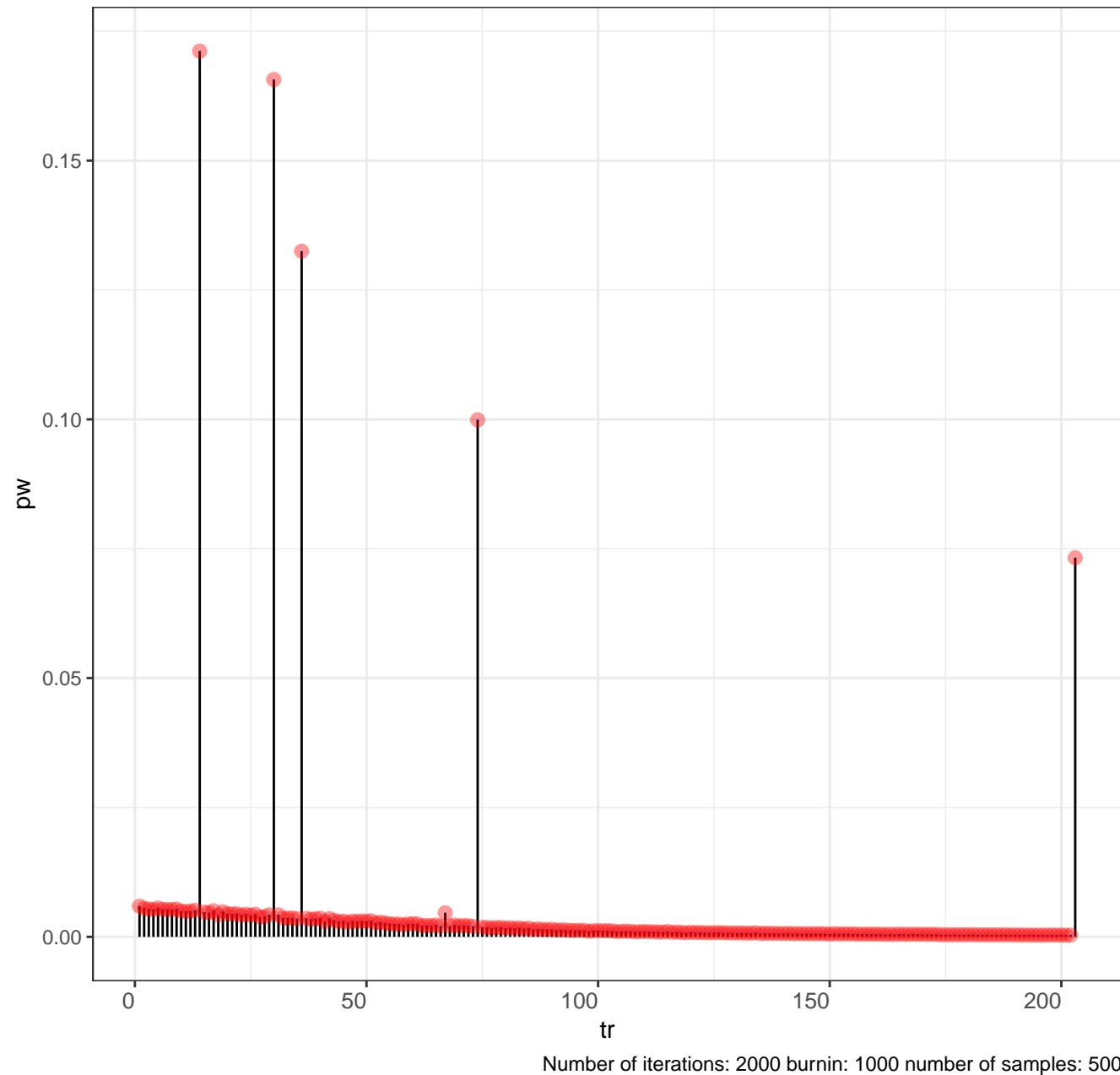
Number of iterations: 2000 burnin: 1000 number of samples: 500

Trace plot for the sigma for S=80 r=10 true K=4 type=4

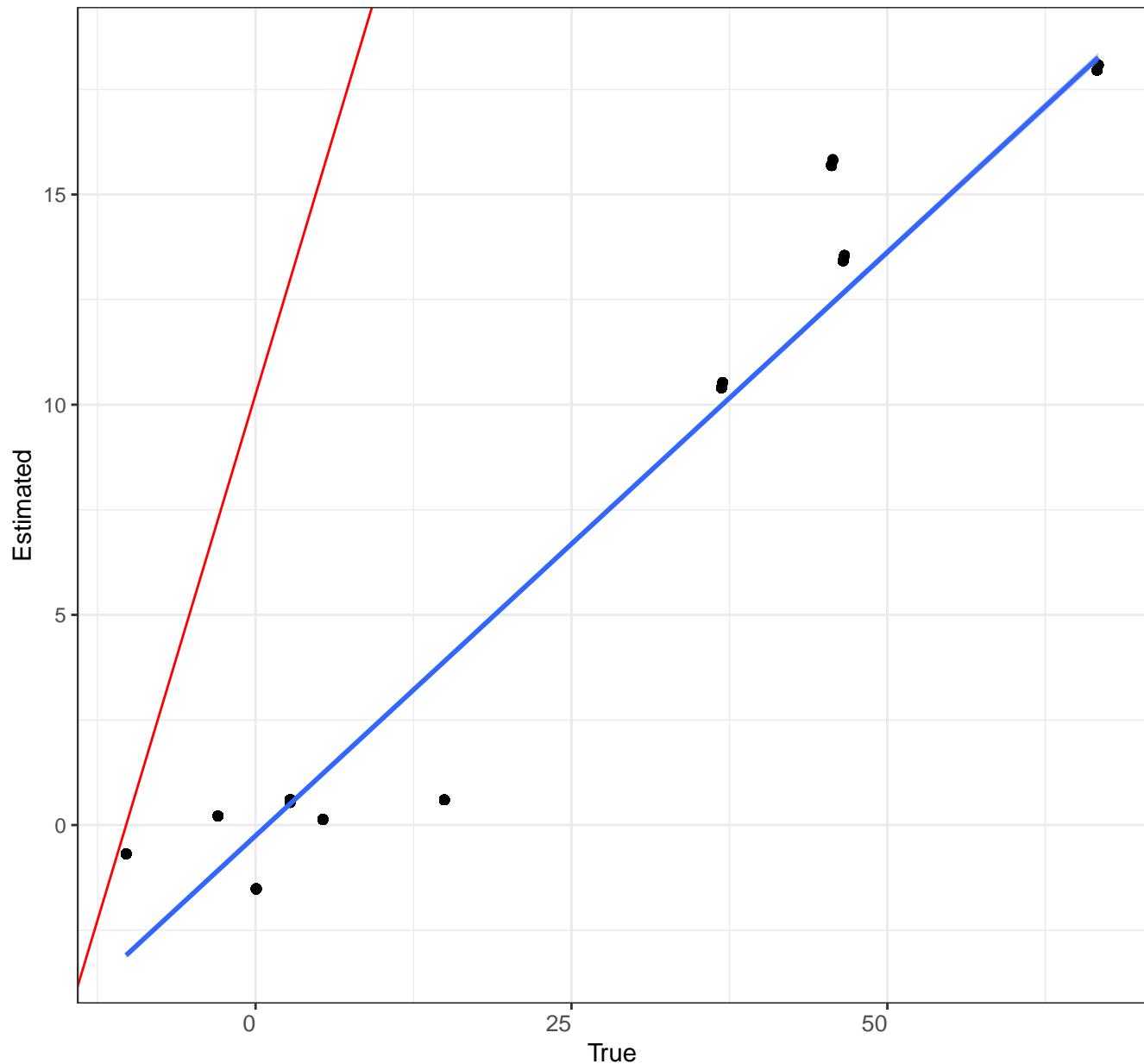


Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=80 ,r=10 true gr K=4 ,type=4 ,N=204 pN=0.073

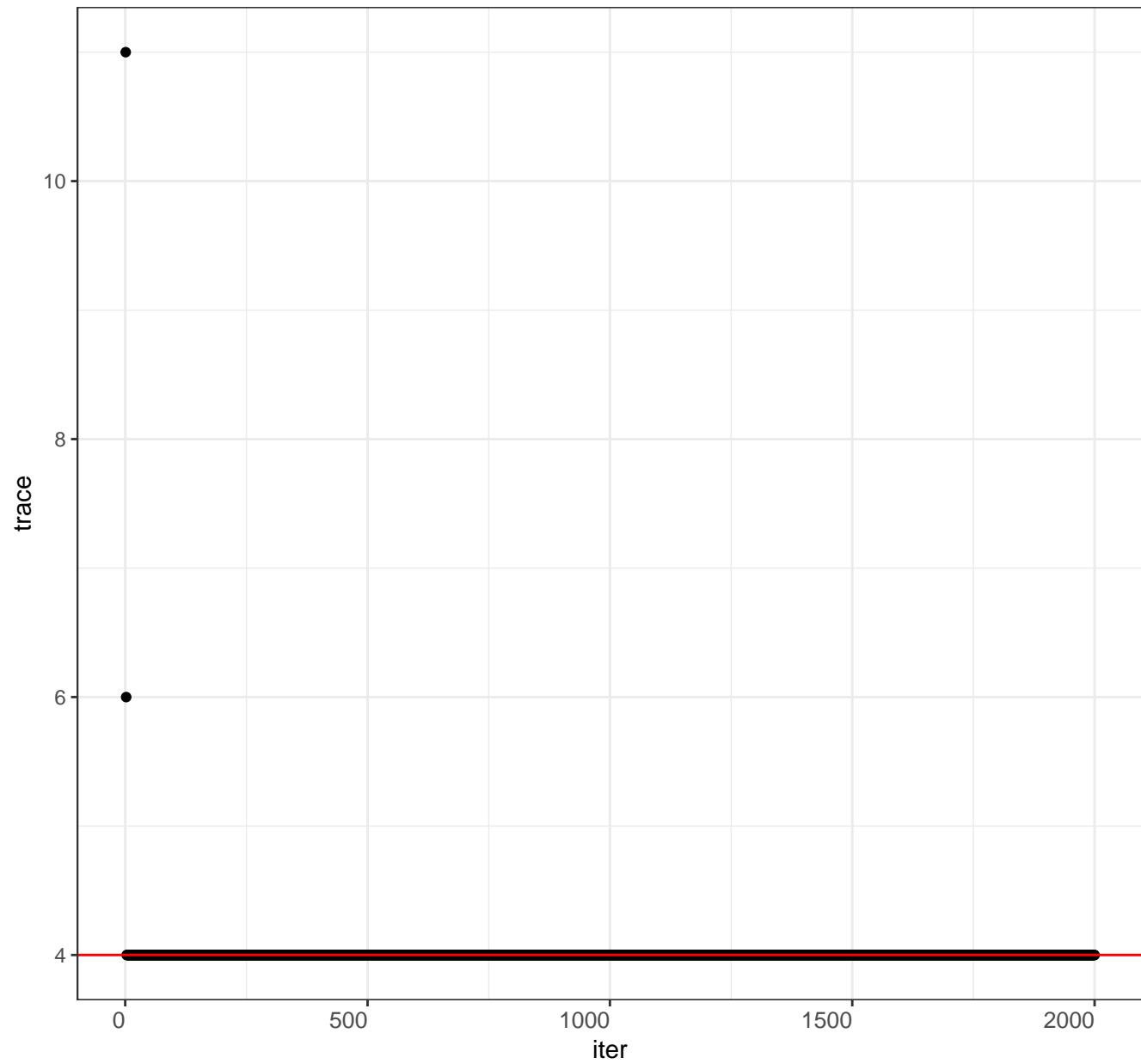


True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 r=10 true K=4 type=4

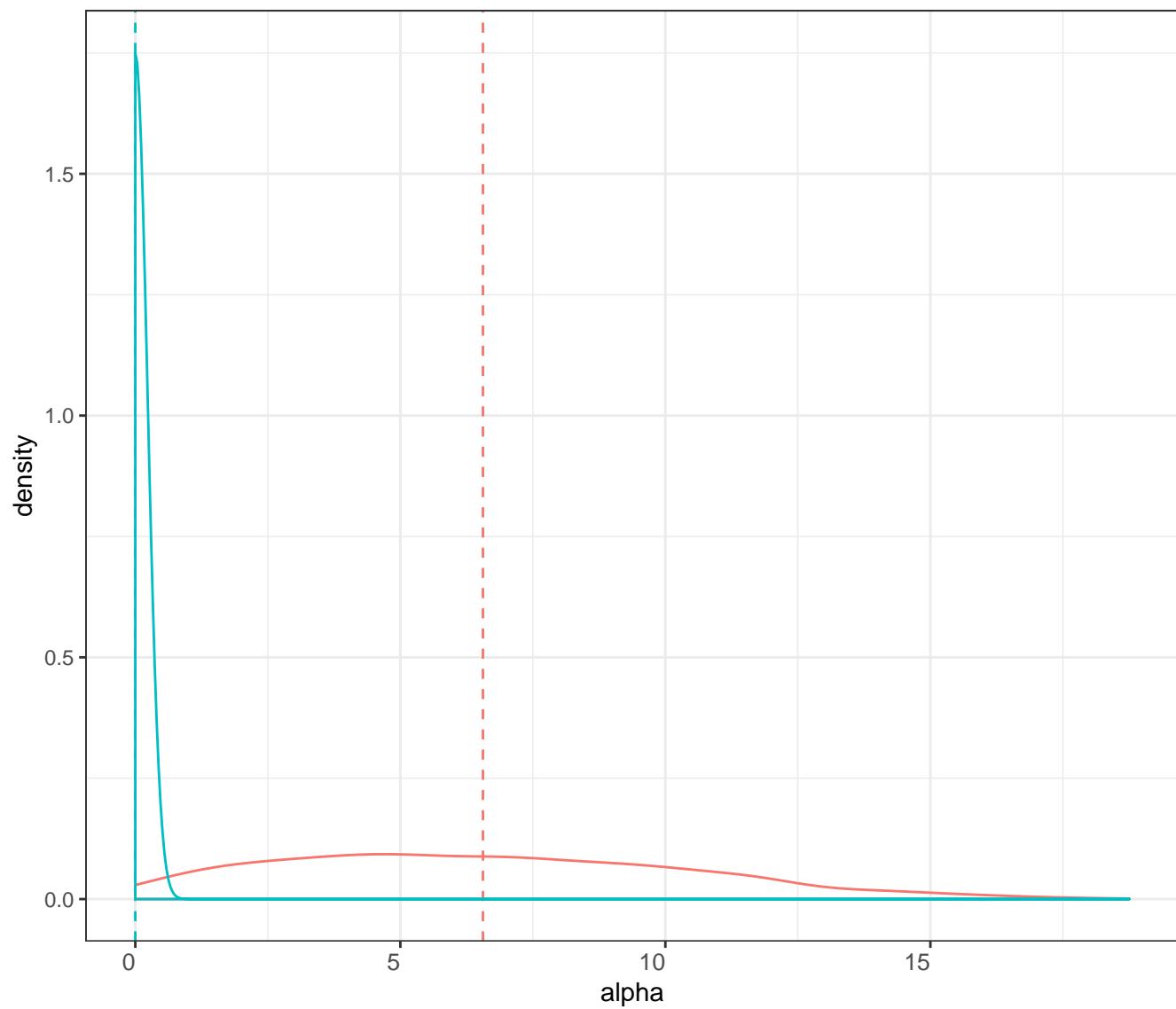
Trace plot for the number of groups K for S=80 r=10 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=80 ,r=10 true gr K=4 ,type=4 ,N=204

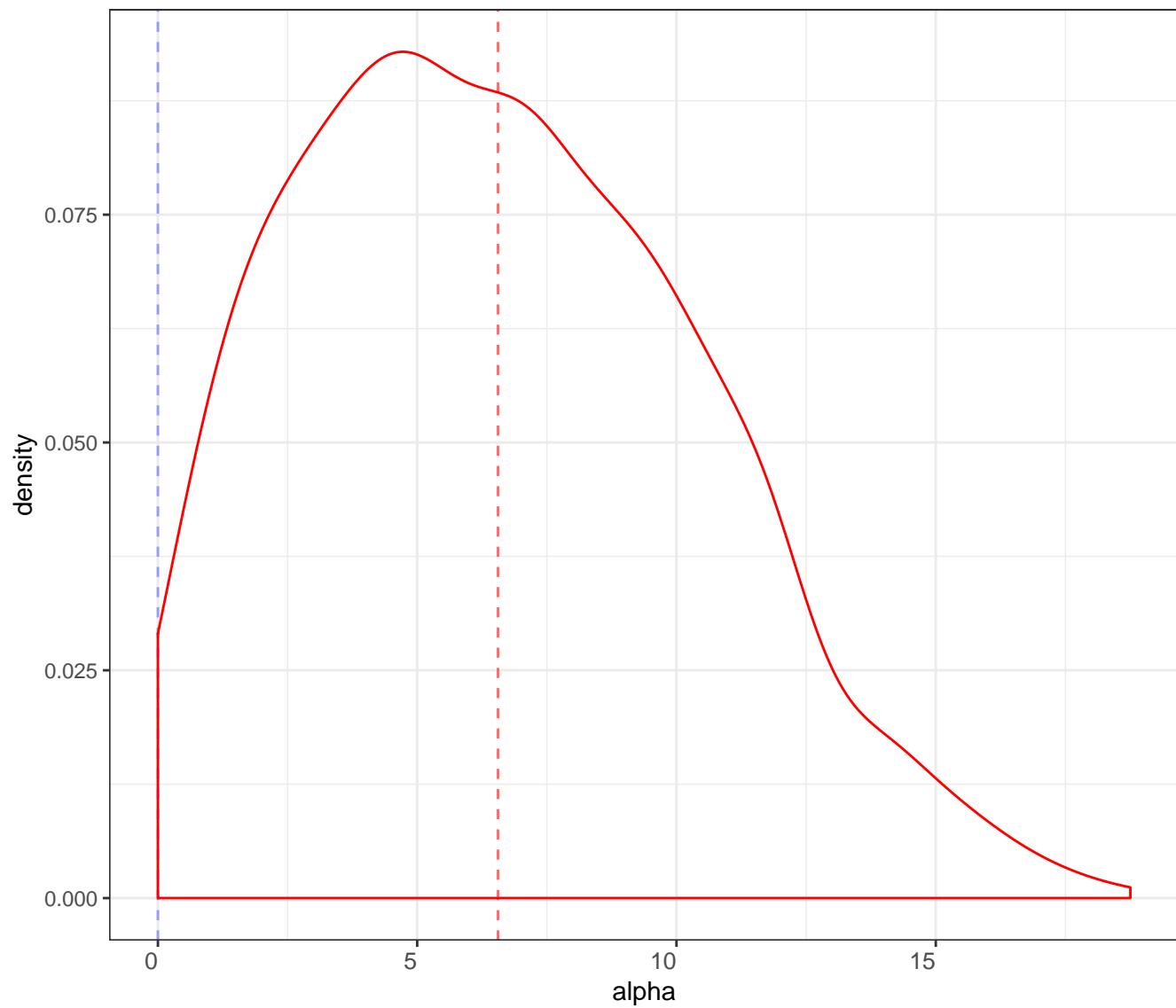
type | posterior | prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

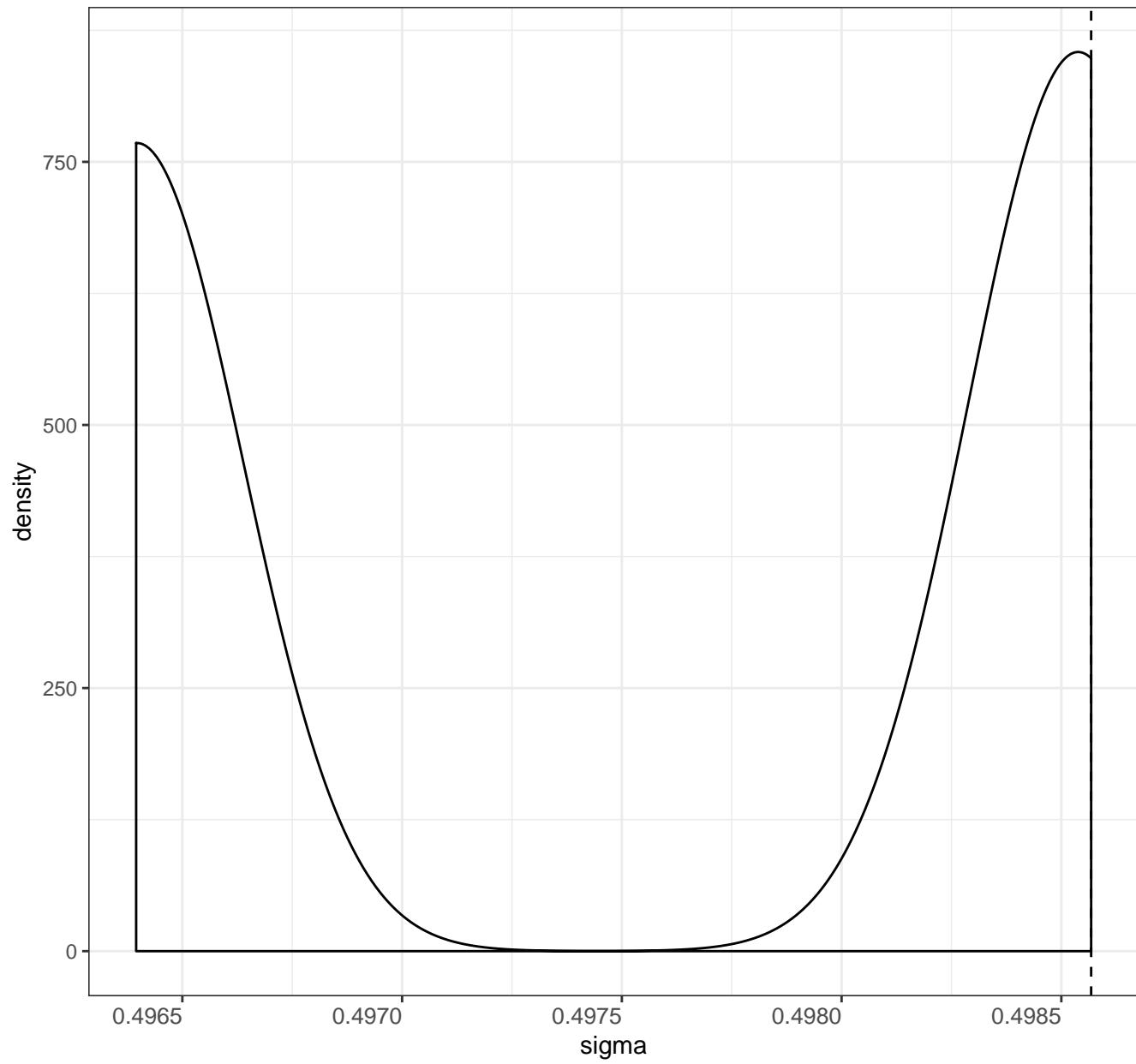
Posterior distribution for alpha

Legend | posterior mean | prior mean

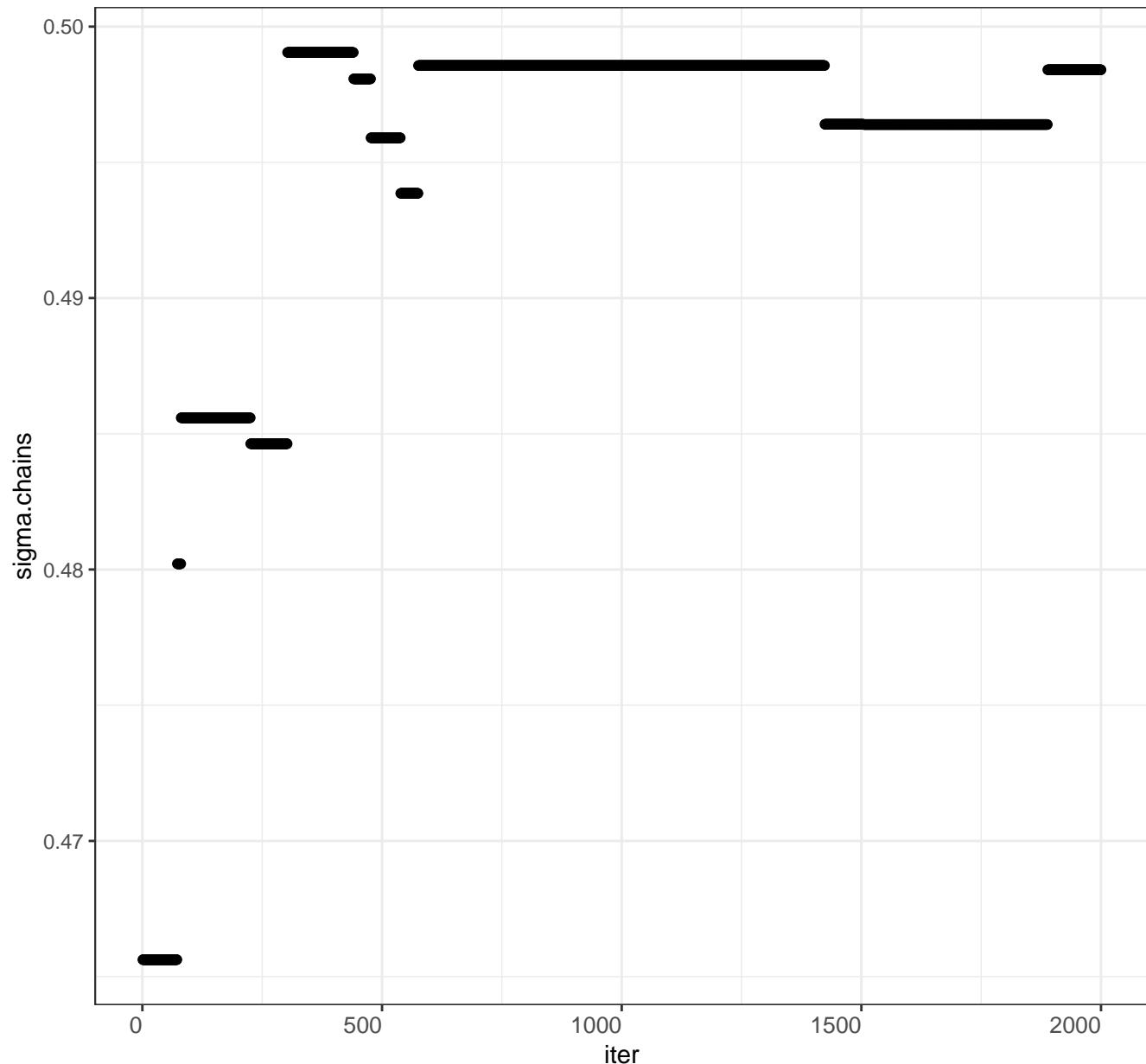


Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=10 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=80 ,r=10 true gr K=4 ,type=4 ,N=204

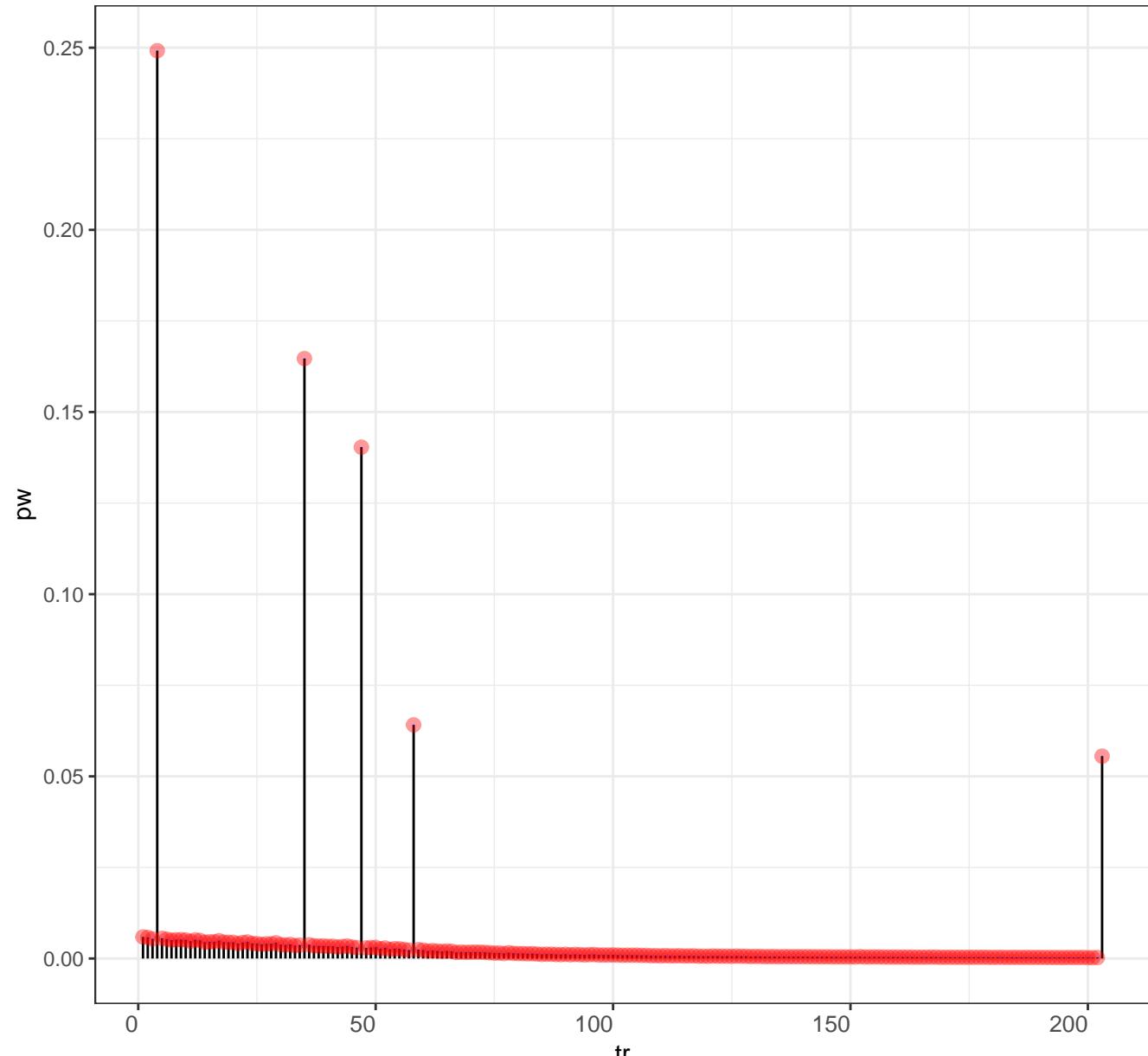


Trace plot for the sigma for S=80 r=10 true K=4 type=4

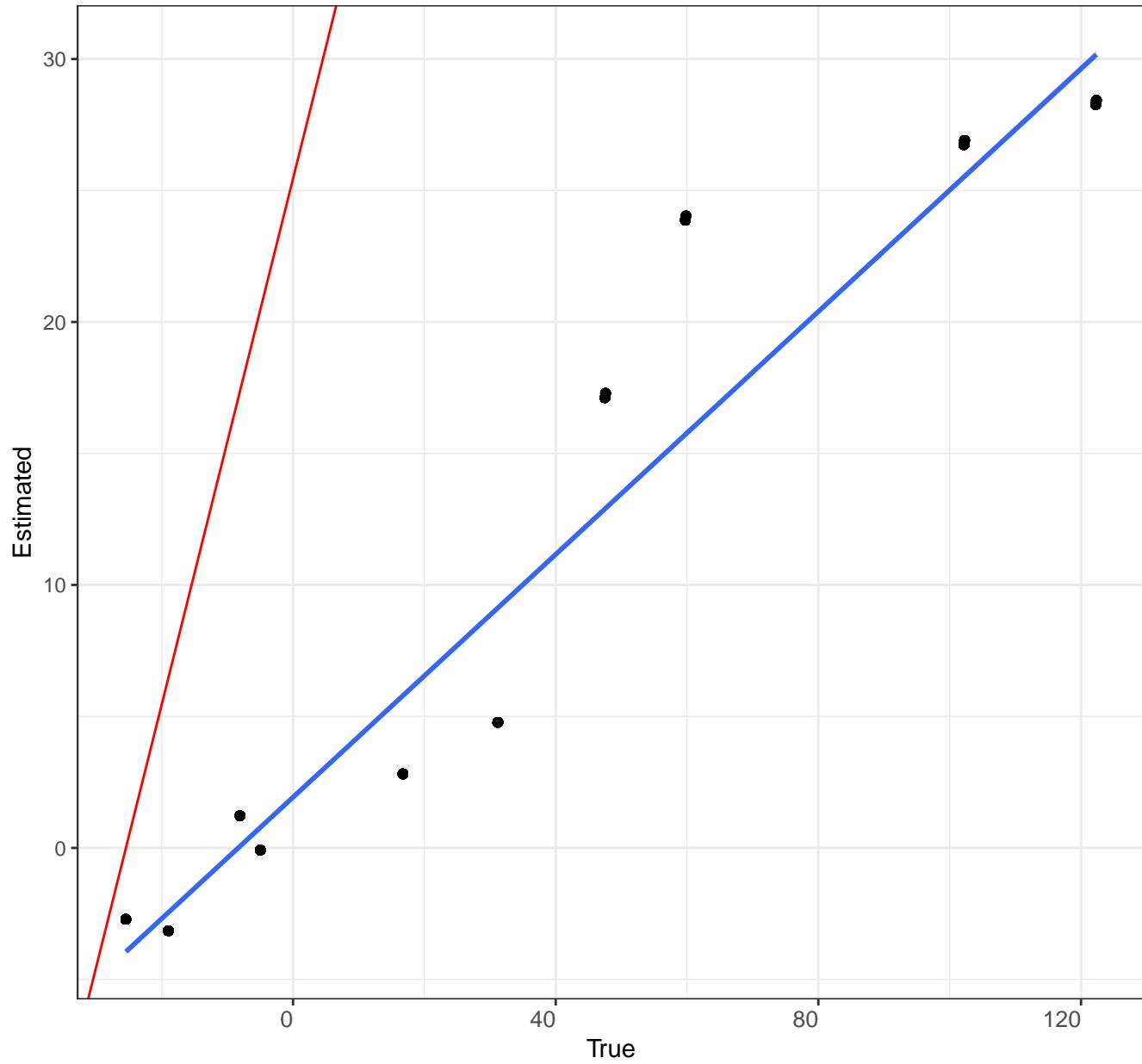


Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=80 ,r=10 true gr K=4 ,type=4 ,N=204 pN=0.056

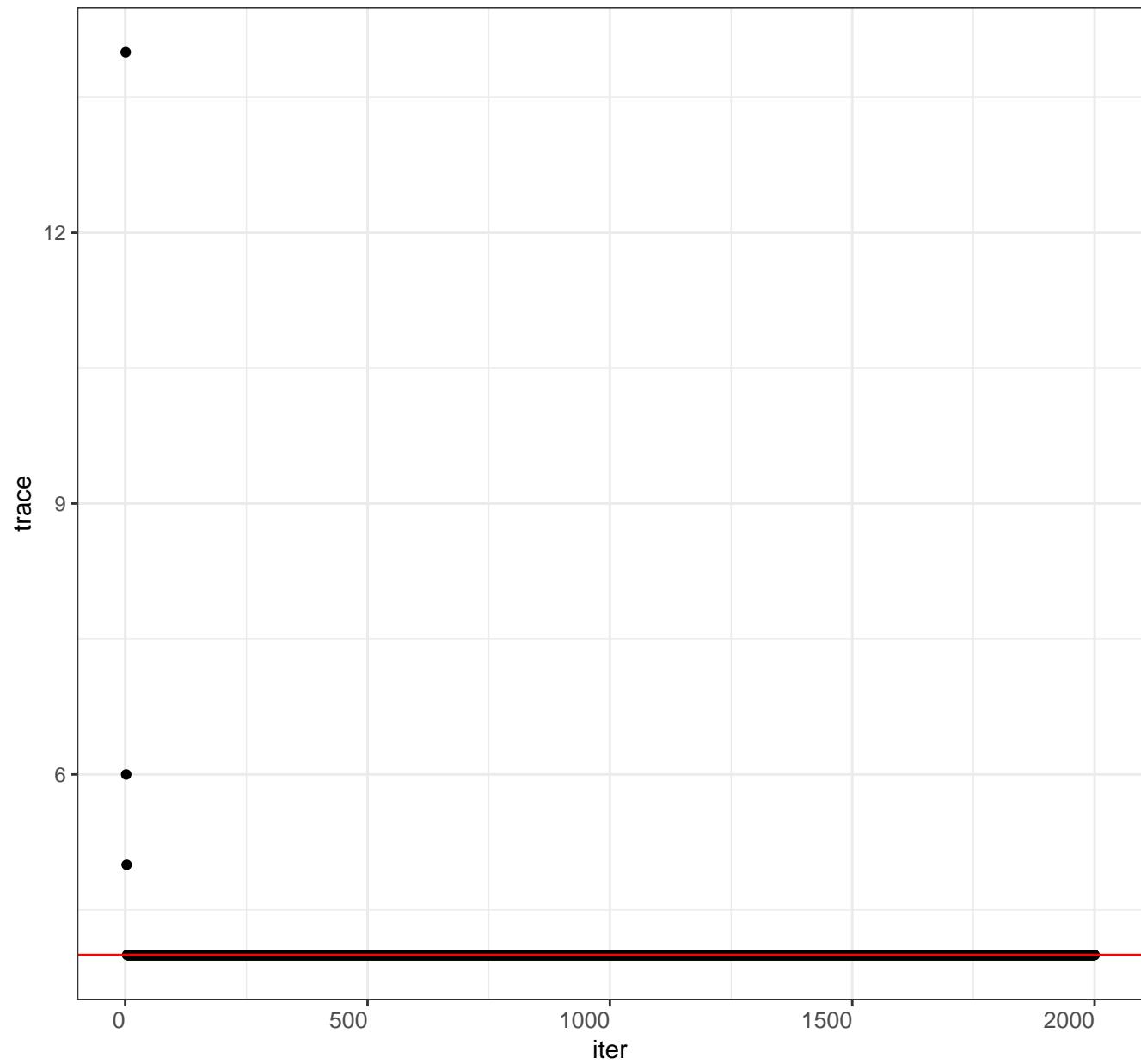


True vs estimated covariance parameters



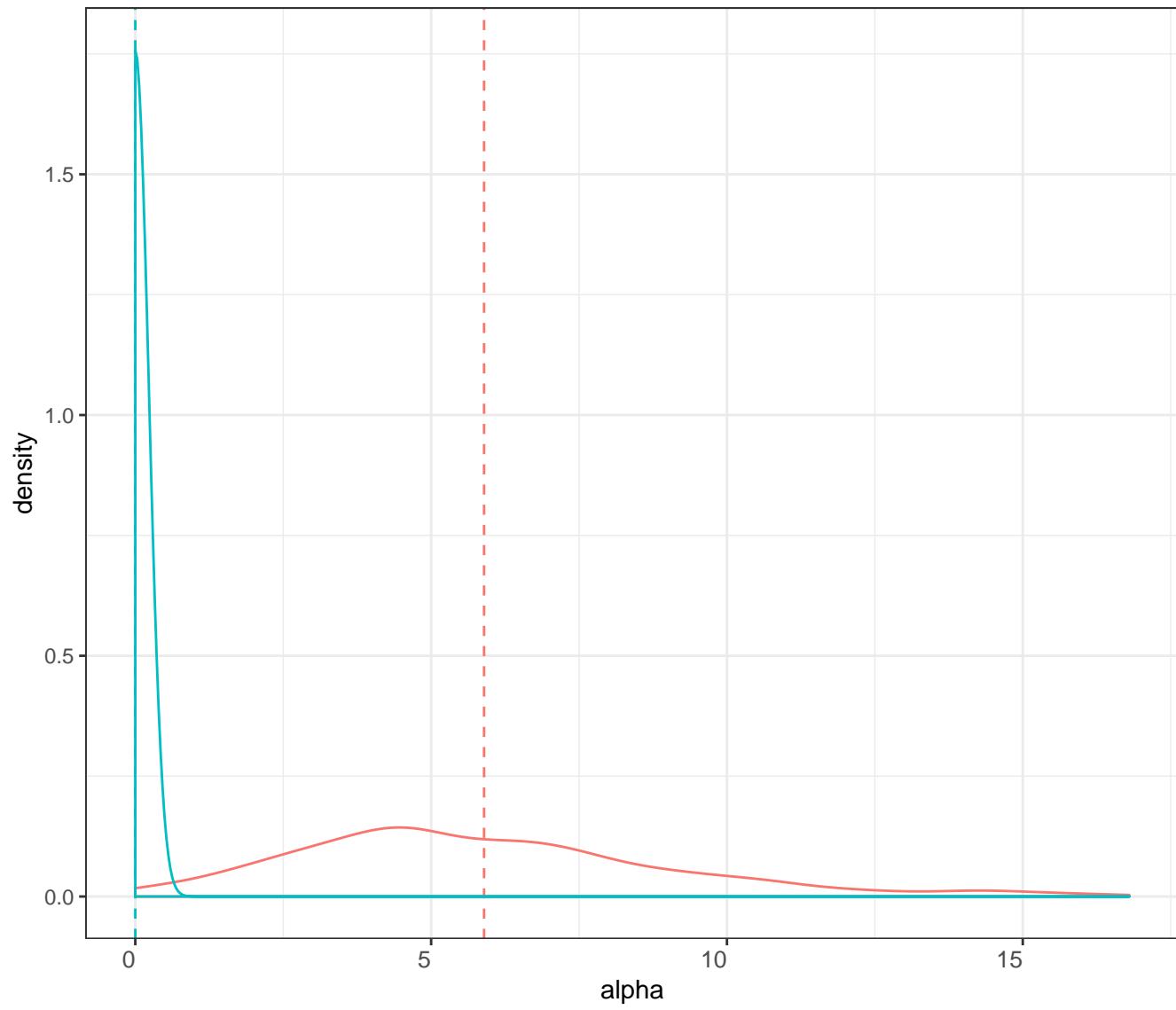
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 r=10 true K=4 type=4

Trace plot for the number of groups K for S=80 r=10 true K=4 type=4



Distribution alpha: S=80 ,r=10 true gr K=4 ,type=4 ,N=204

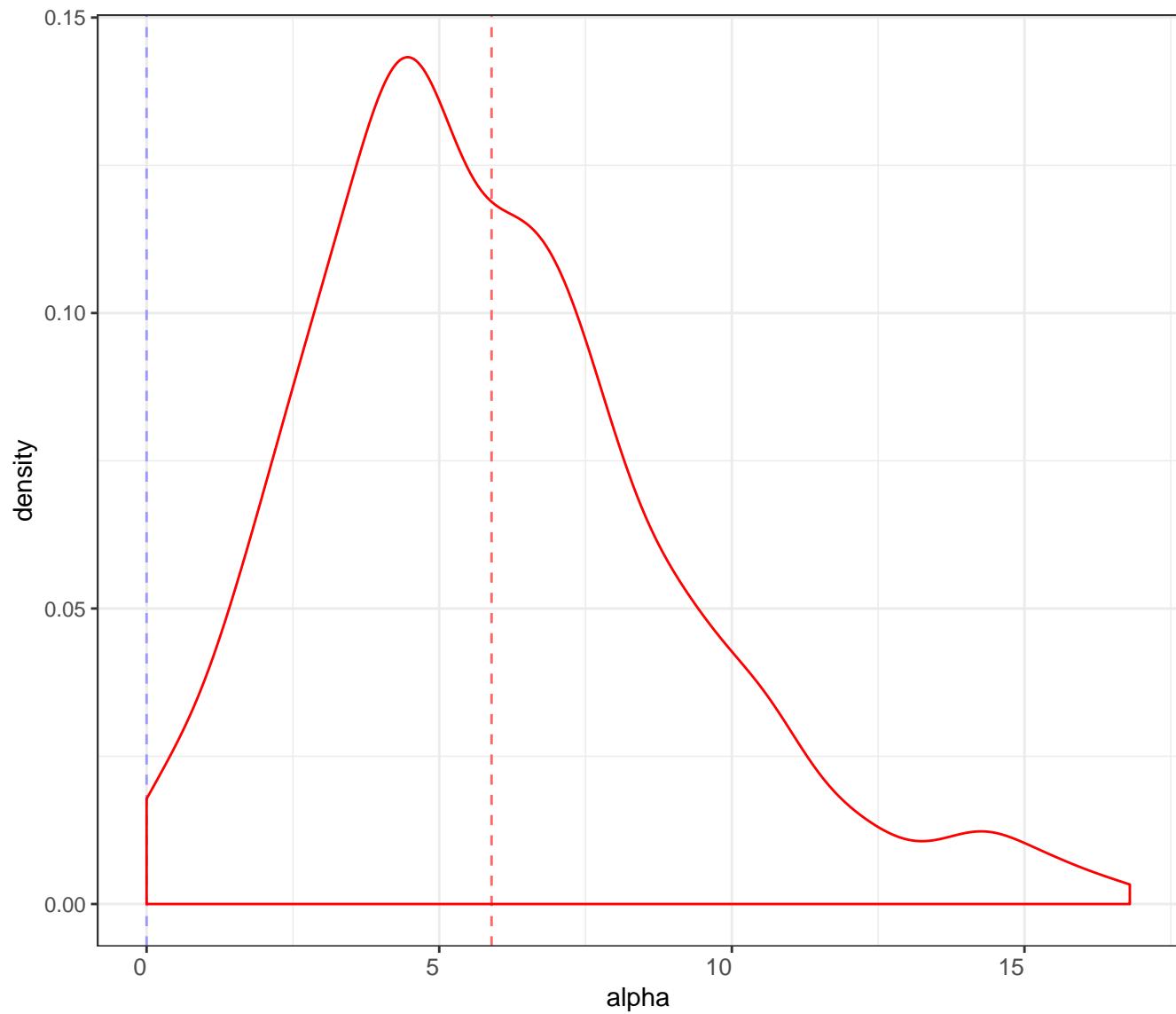
type | posterior | prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

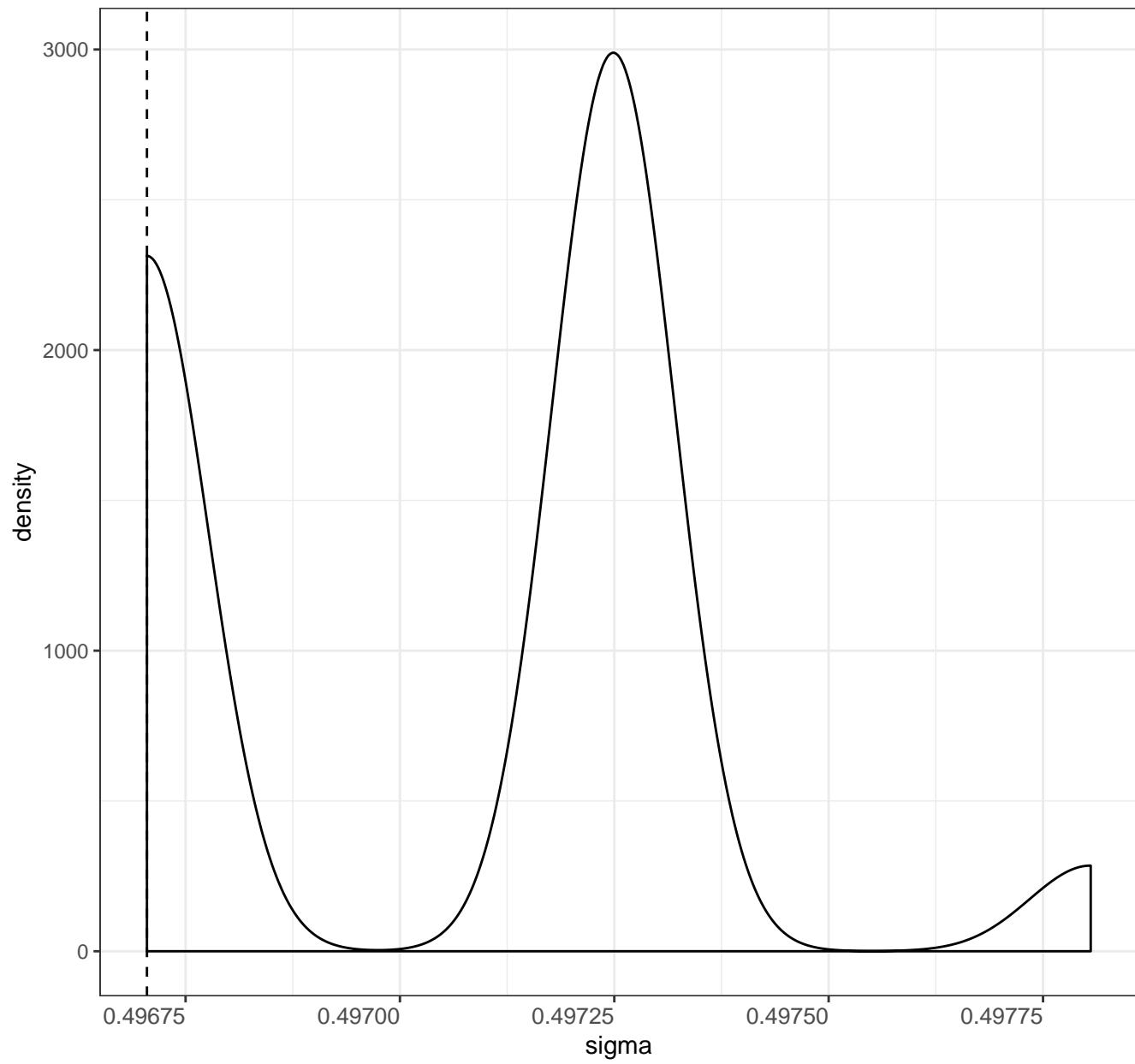
Posterior distribution for alpha

Legend | posterior mean | prior mean

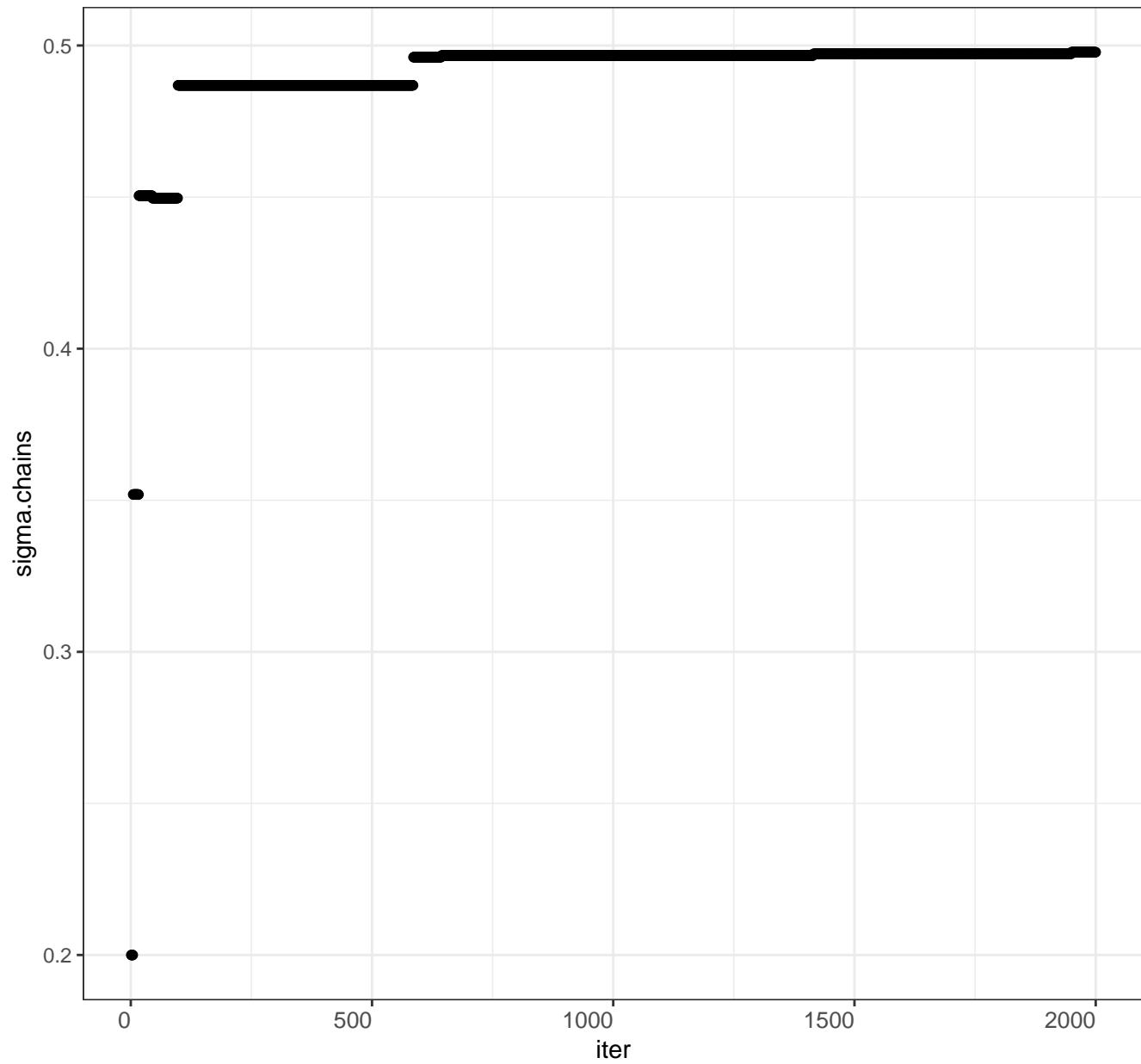


Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=10 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=80 ,r=10 true gr K=4 ,type=4 ,N=204

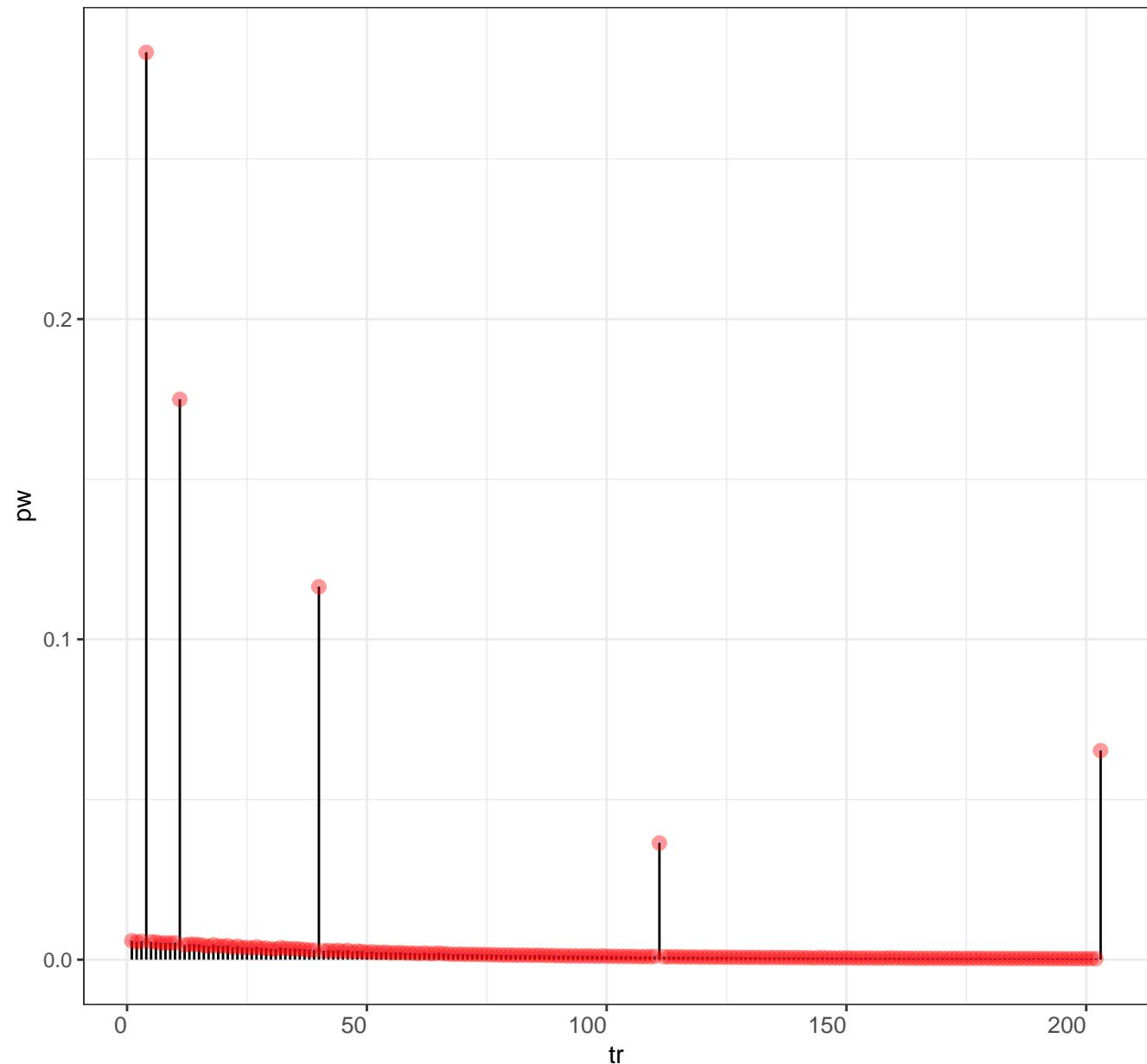


Trace plot for the sigma for S=80 r=10 true K=4 type=4



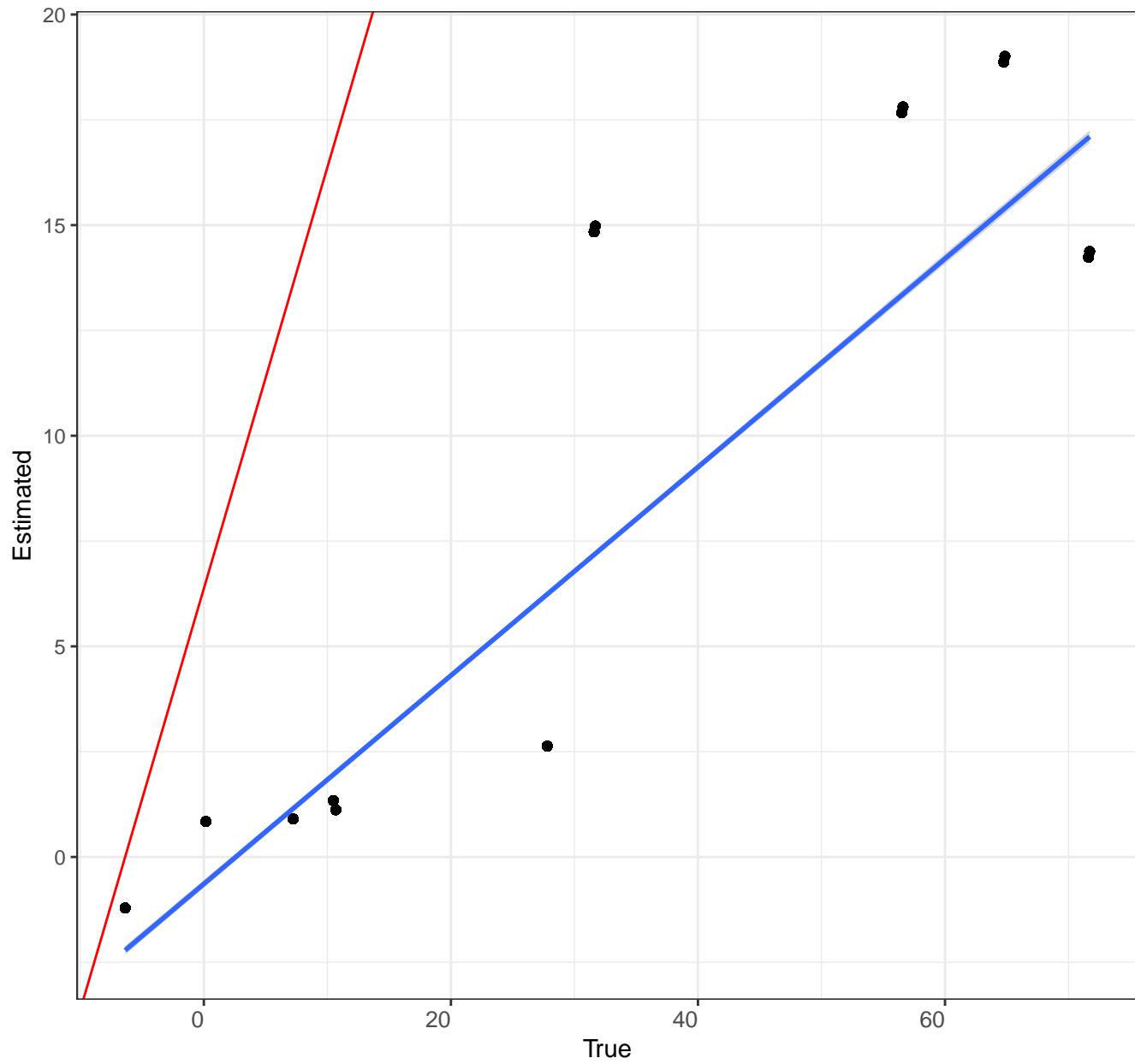
Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=80 ,r=10 true gr K=4 ,type=4 ,N=204 pN=0.065



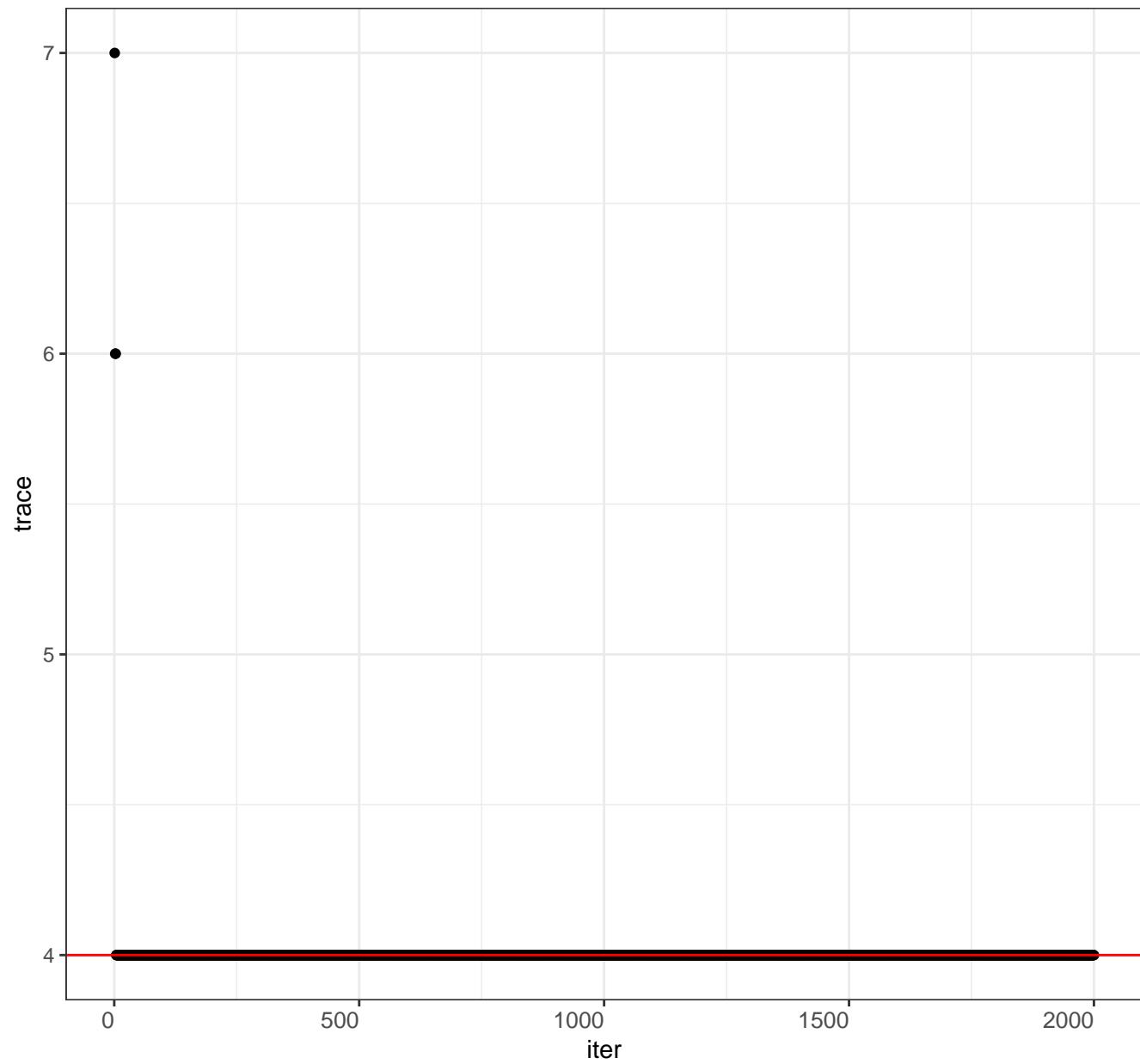
Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters



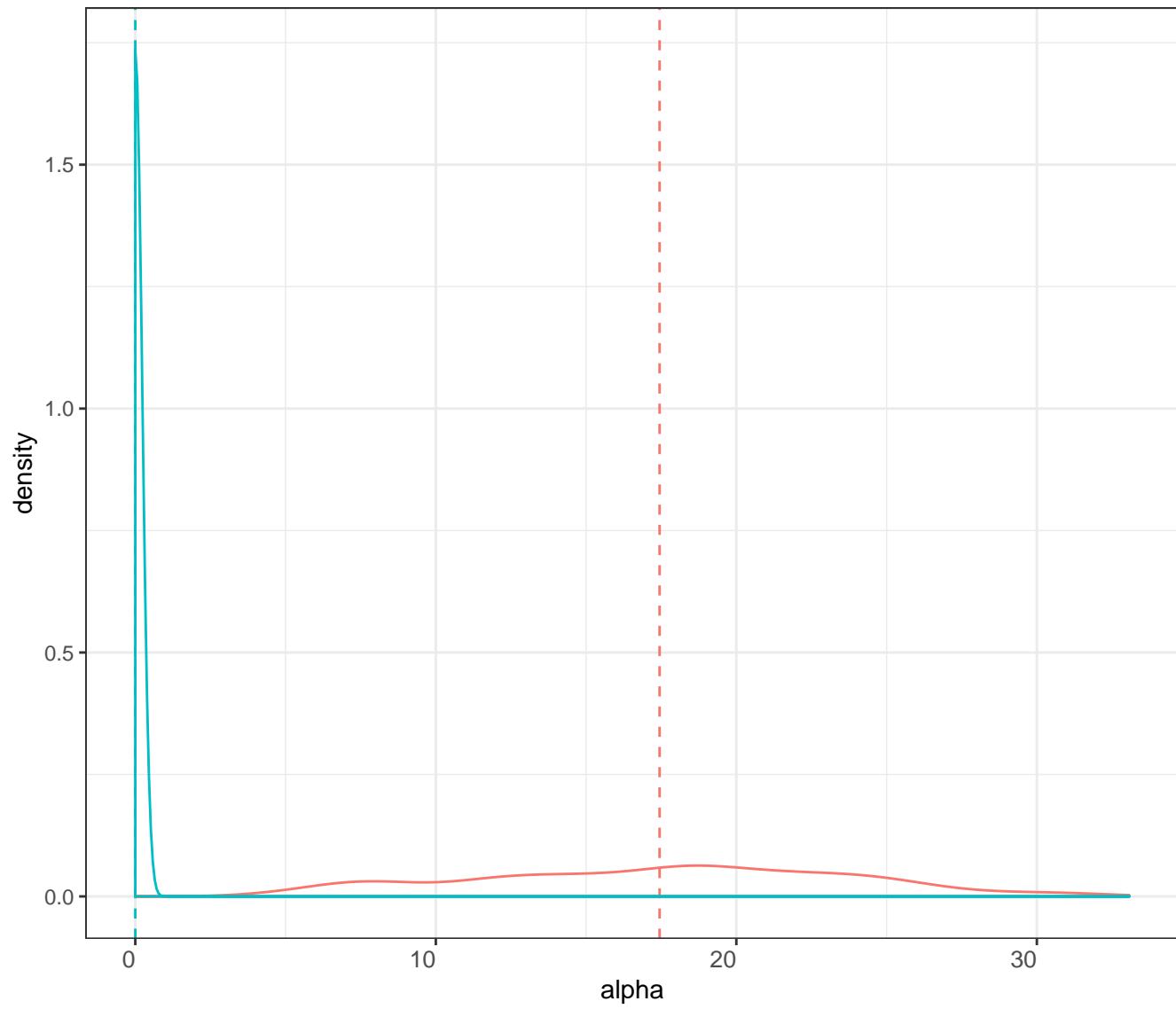
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 r=10 true K=4 type=4

Trace plot for the number of groups K for S=80 r=10 true K=4 type=4



Distribution alpha: S=80 ,r=10 true gr K=4 ,type=4 ,N=204

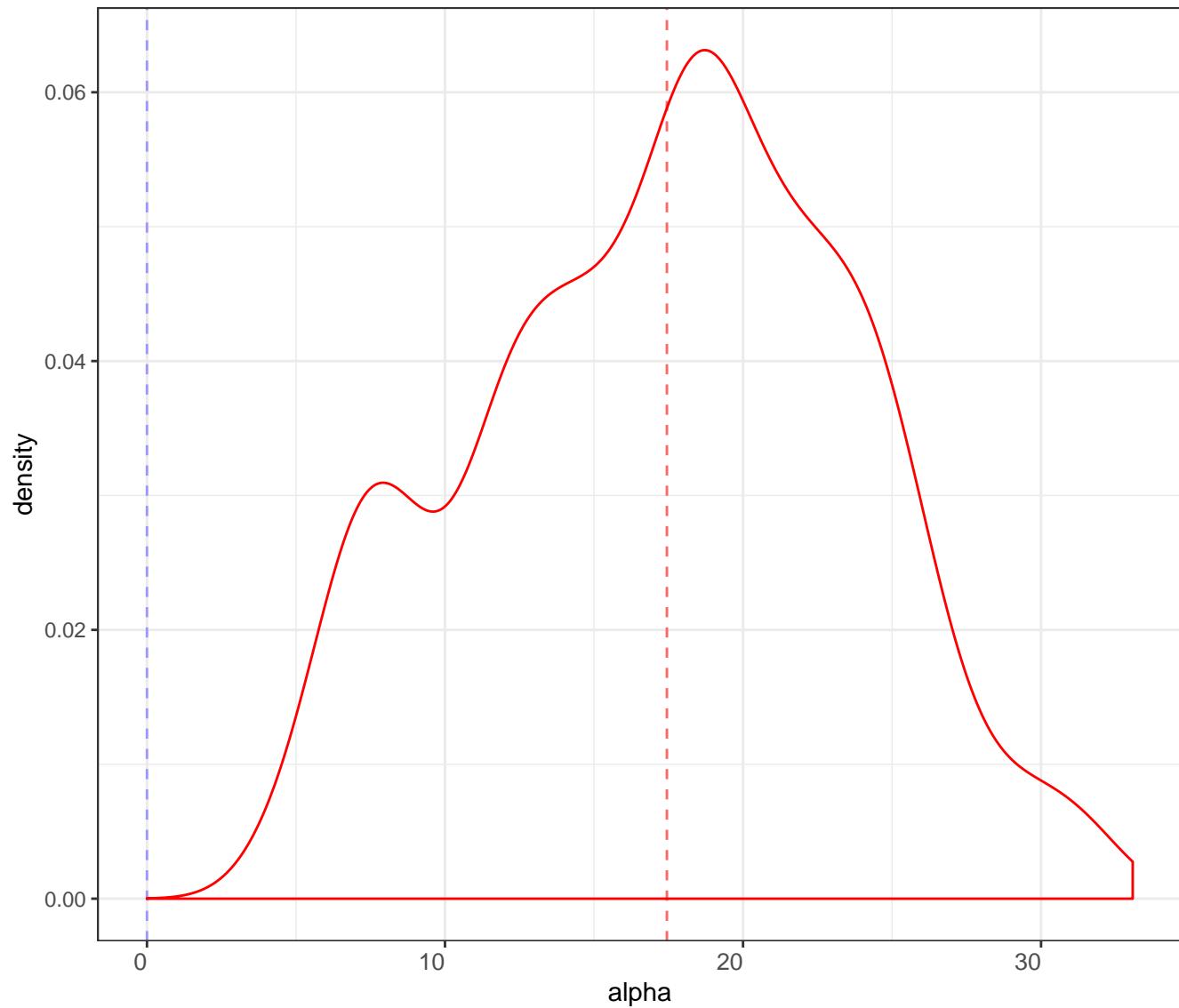
type [] posterior [] prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

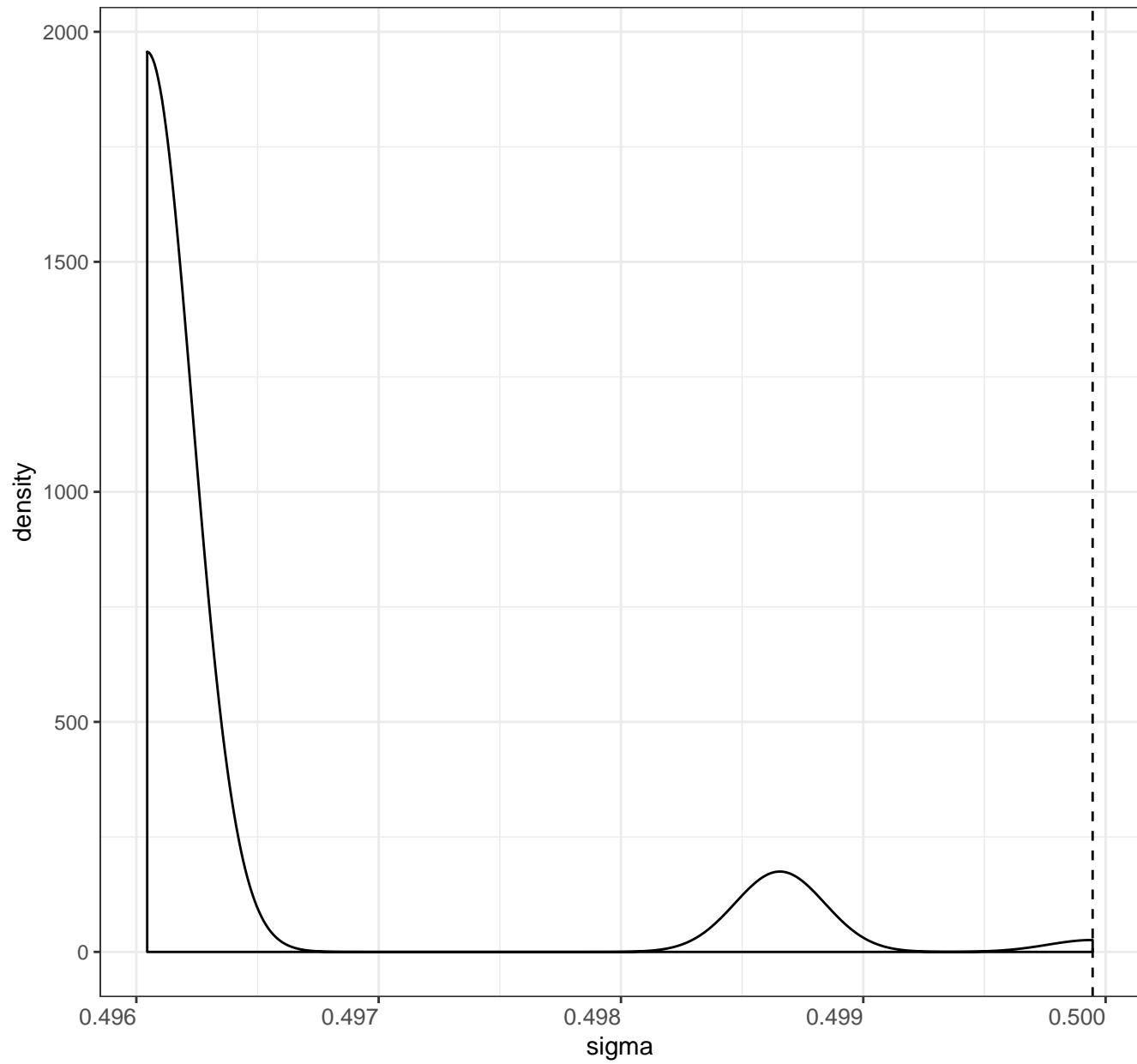
Posterior distribution for alpha

Legend | posterior mean | prior mean

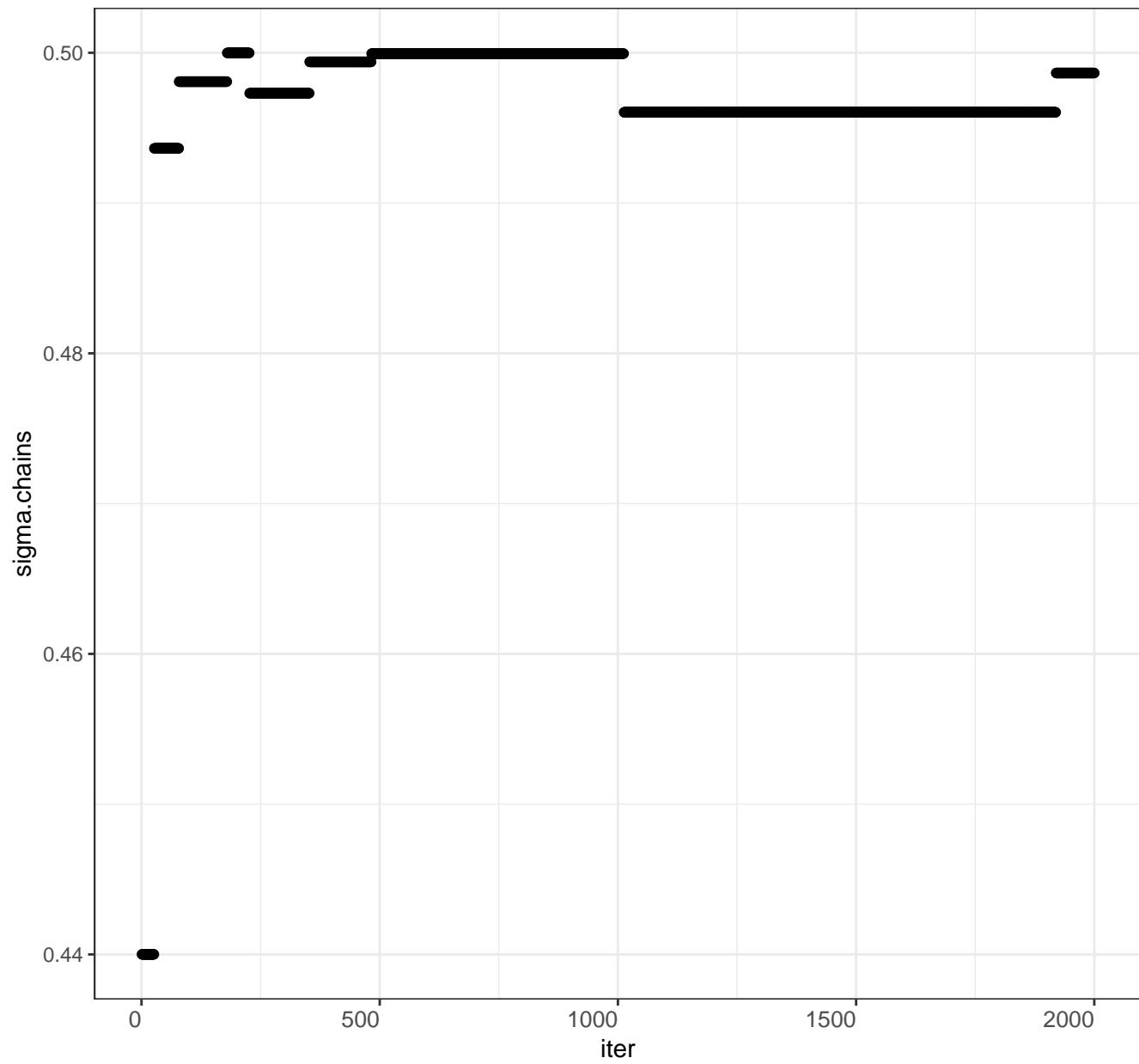


Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=10 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=80 ,r=10 true gr K=4 ,type=4 ,N=204

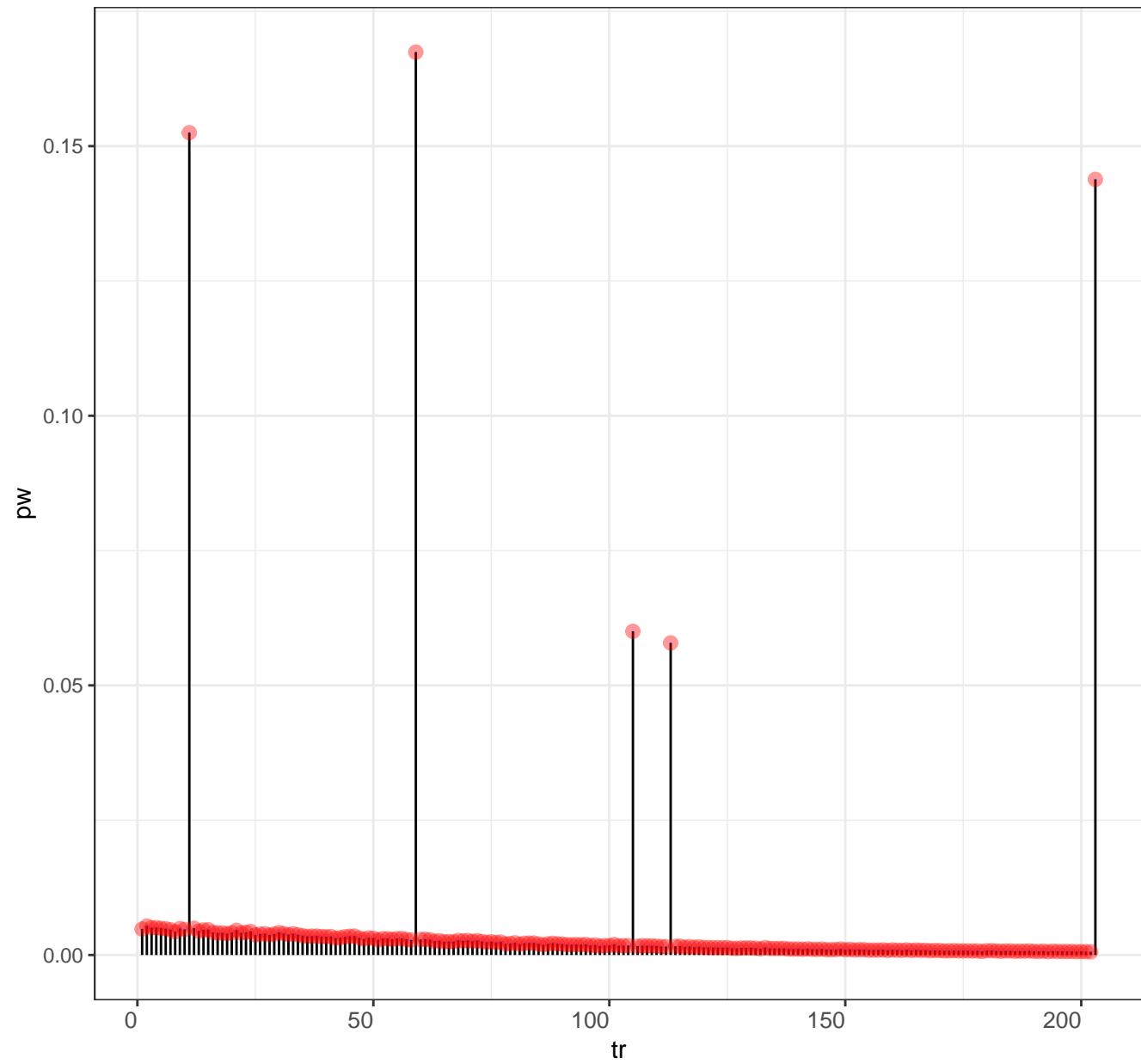


Trace plot for the sigma for S=80 r=10 true K=4 type=4

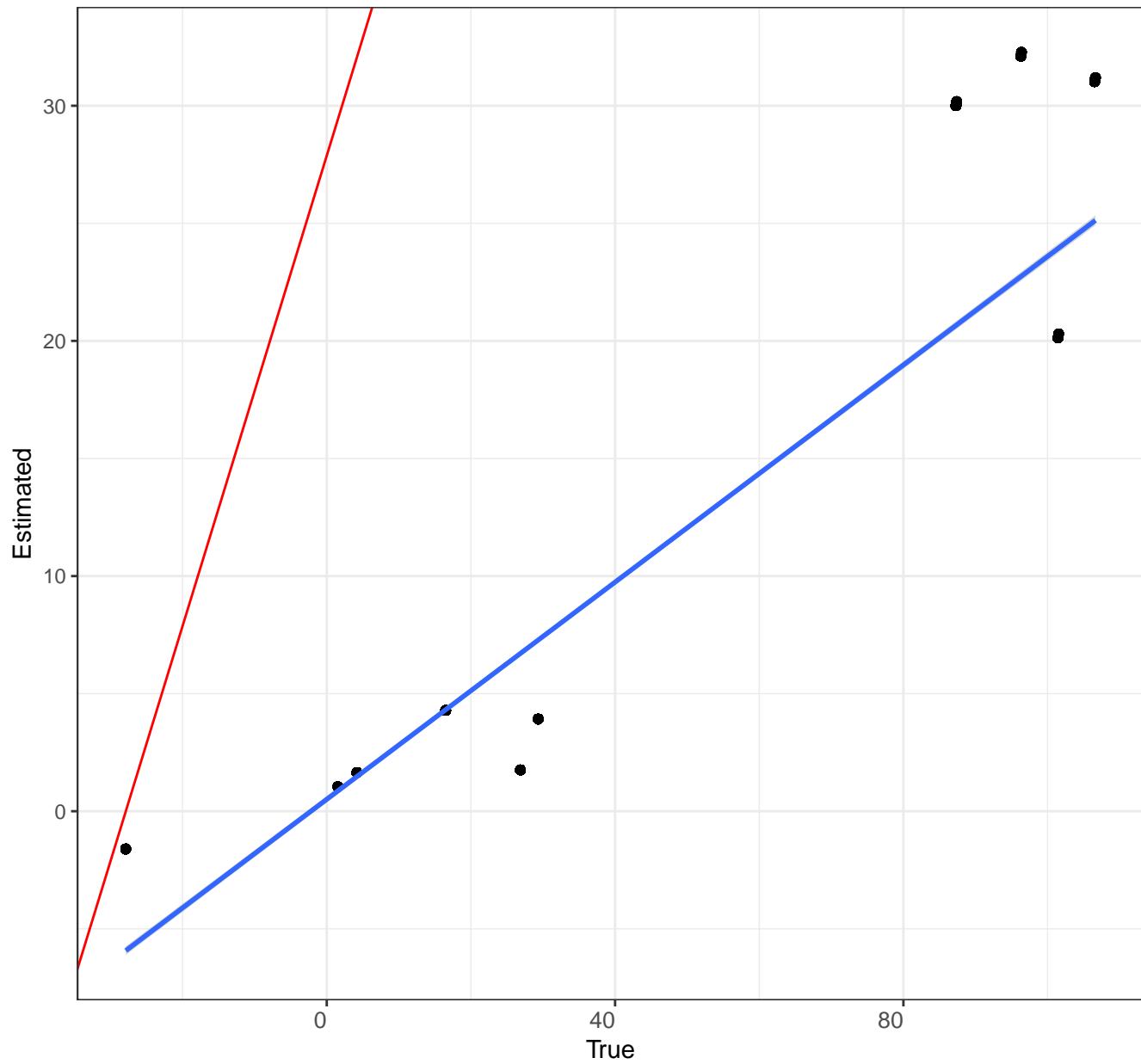


Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=80 ,r=10 true gr K=4 ,type=4 ,N=204 pN=0.144

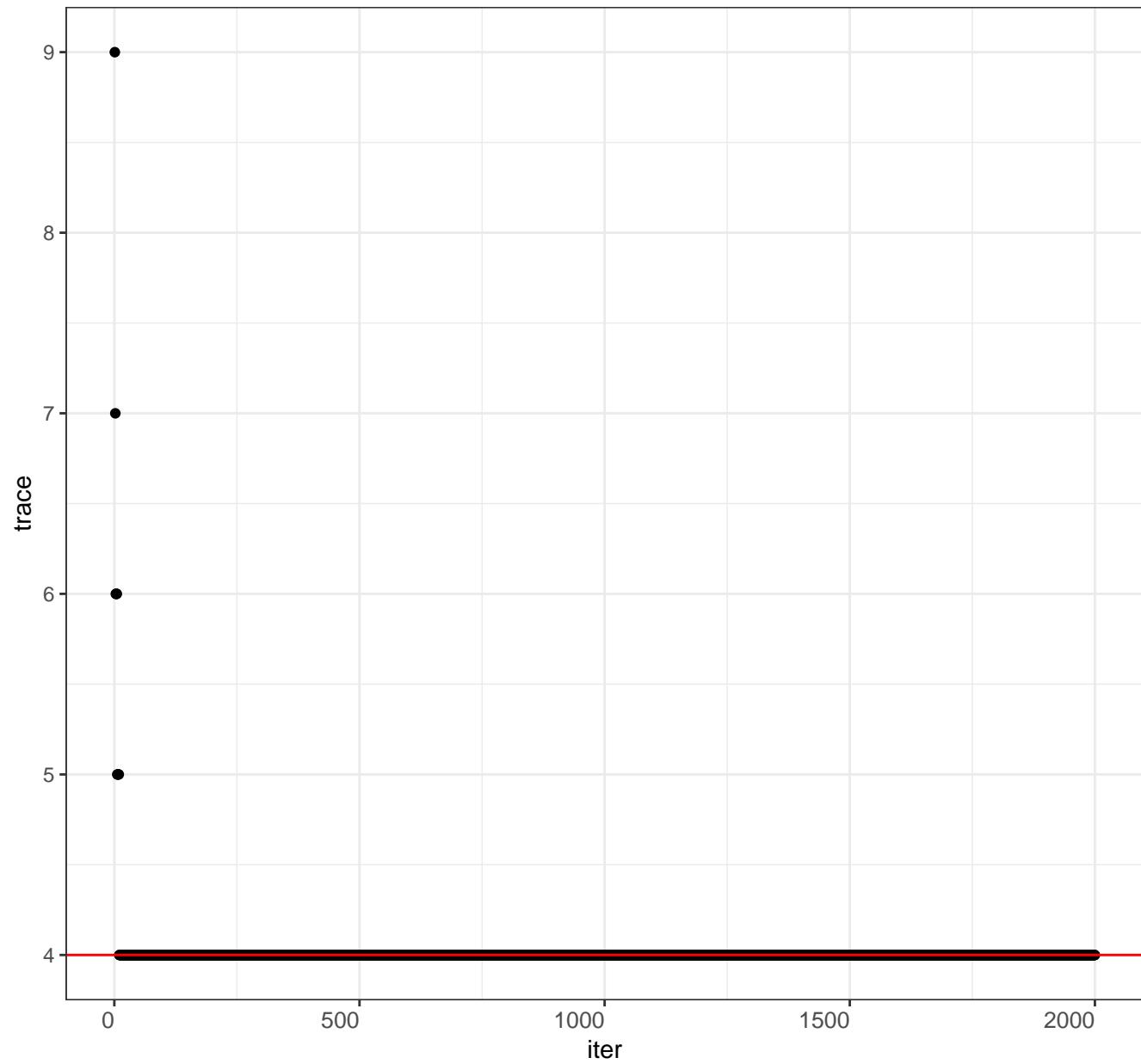


True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 r=10 true K=4 type=4

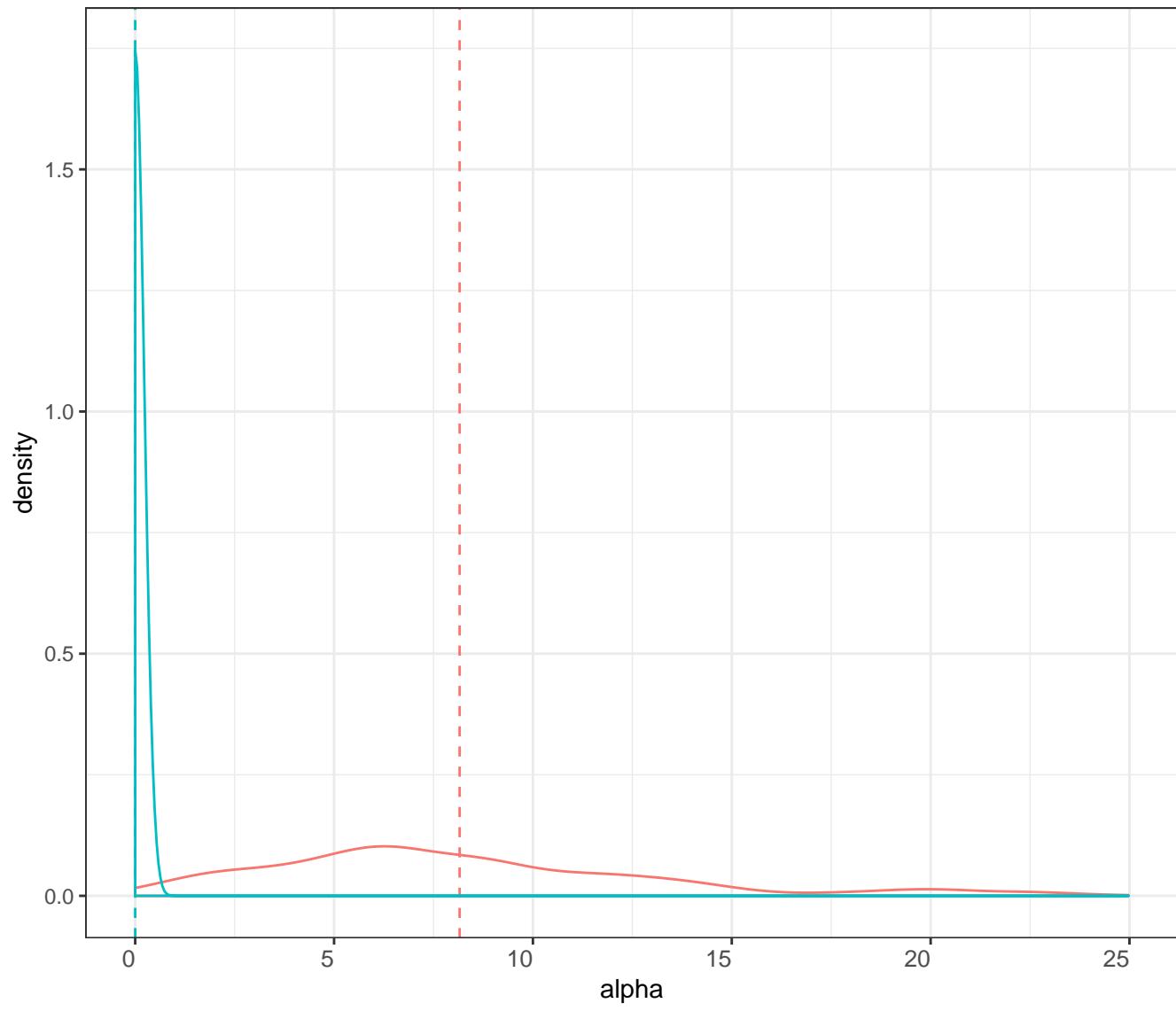
Trace plot for the number of groups K for S=80 r=10 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=80 ,r=10 true gr K=4 ,type=4 ,N=204

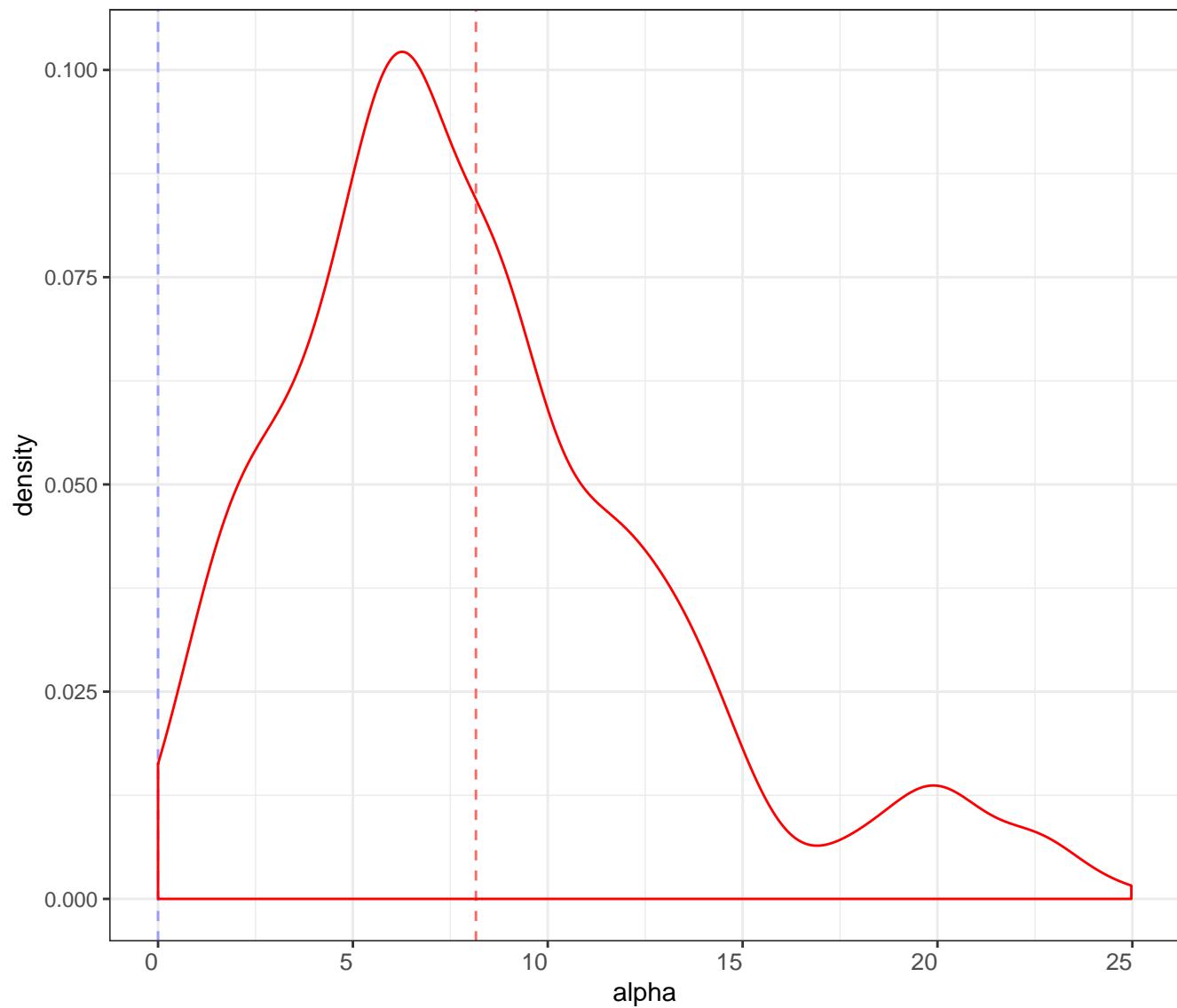
type | posterior | prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

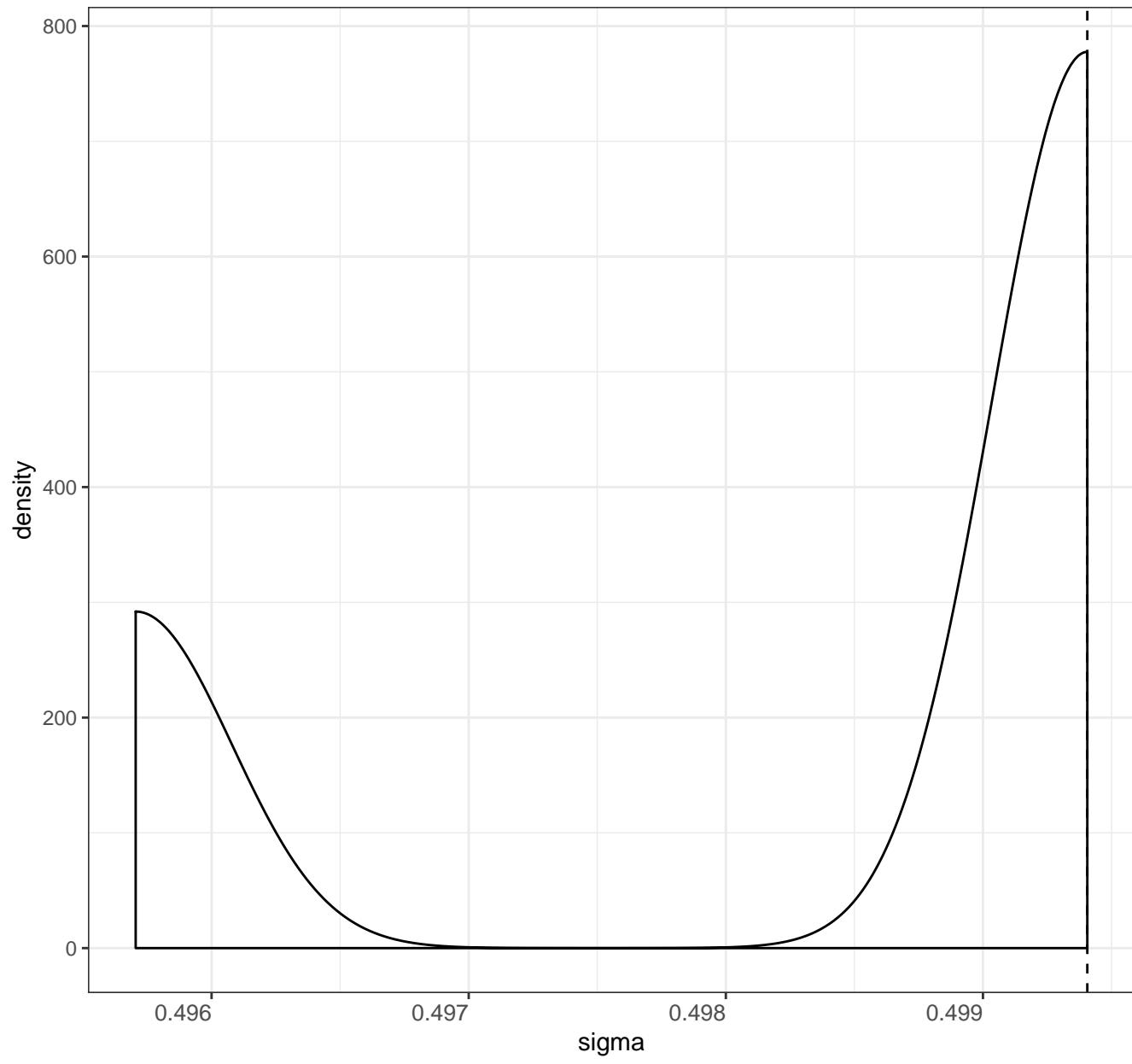
Posterior distribution for alpha

Legend | posterior mean | prior mean

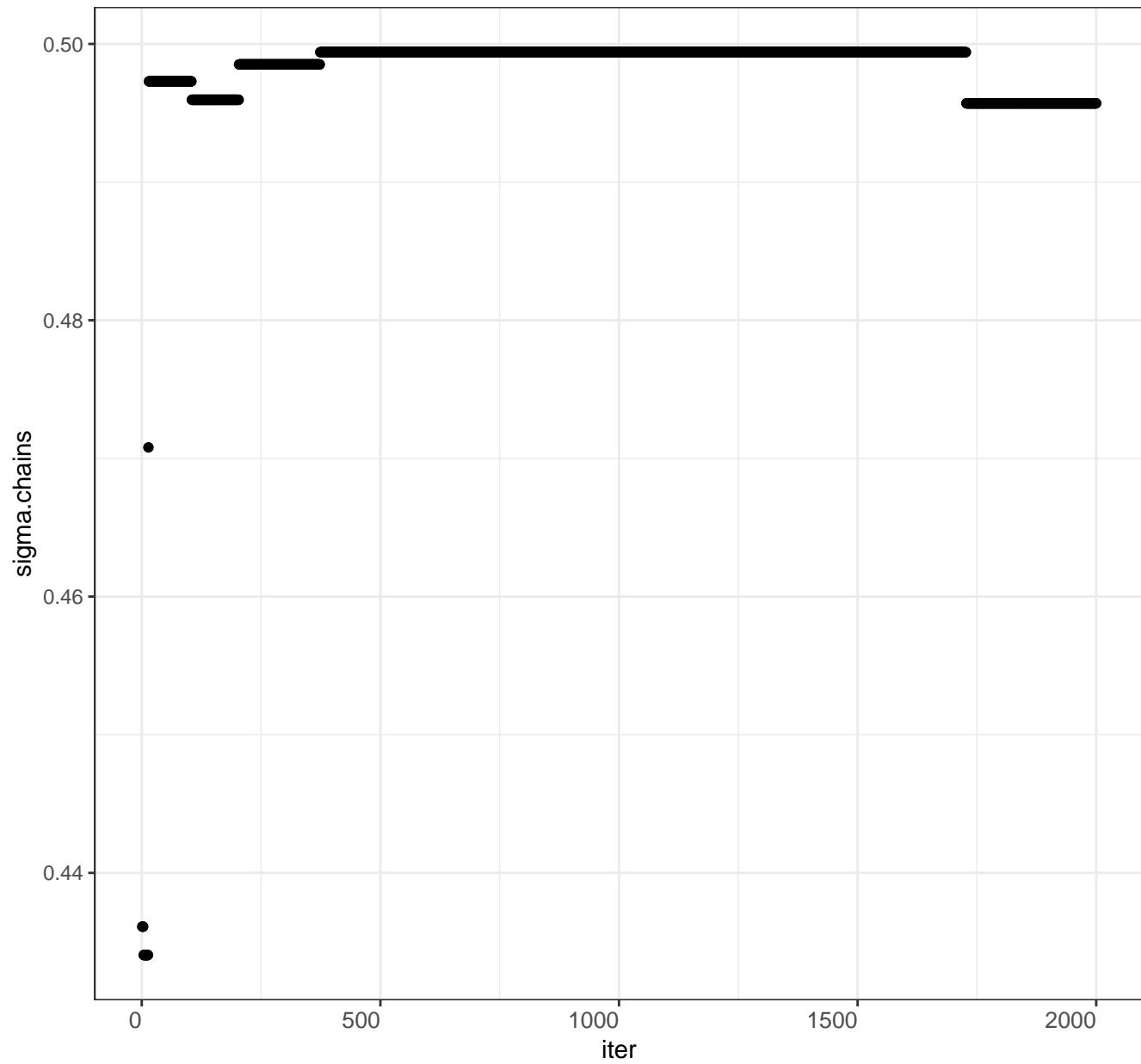


Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=10 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=80 ,r=10 true gr K=4 ,type=4 ,N=204

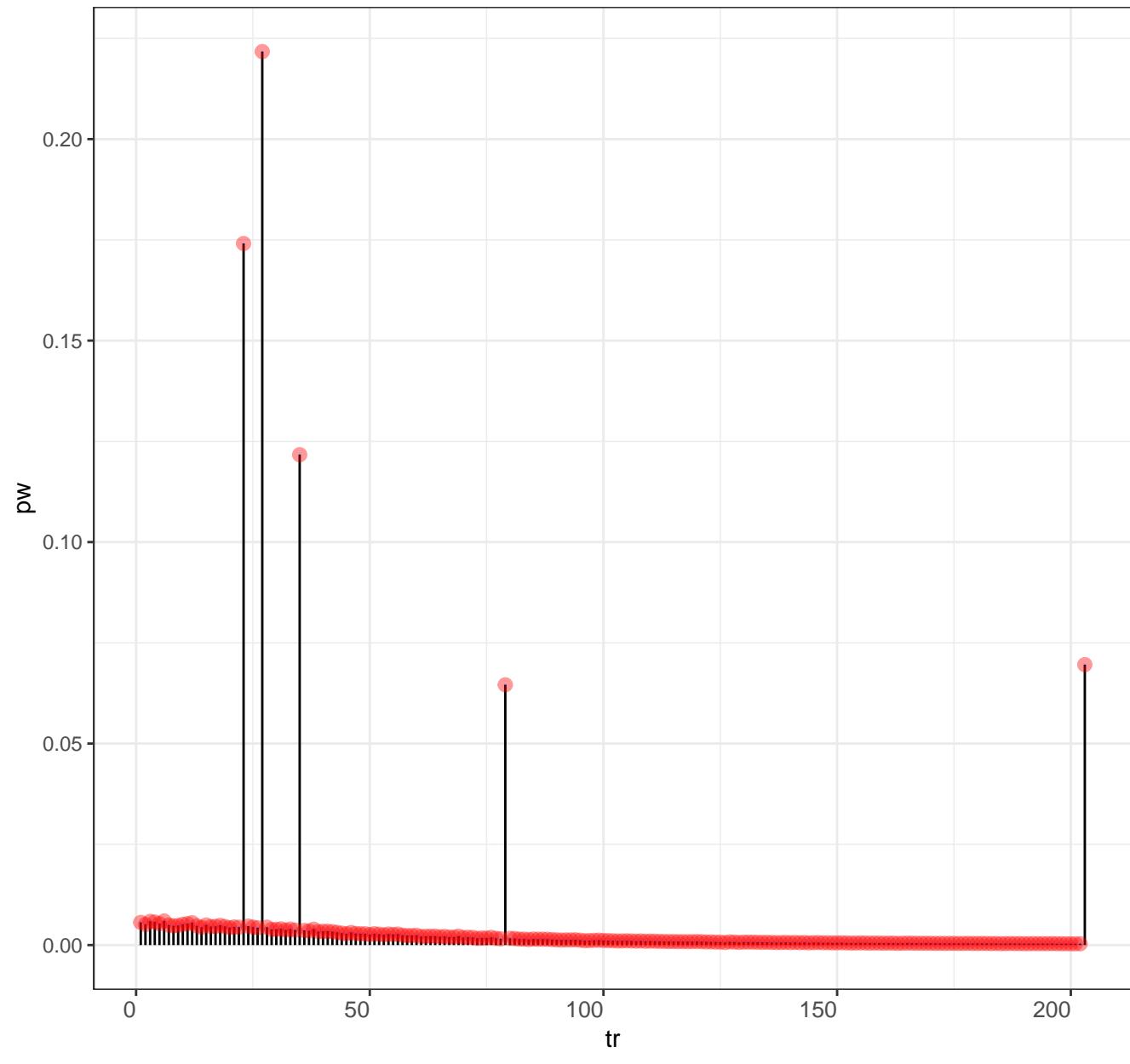


Trace plot for the sigma for S=80 r=10 true K=4 type=4



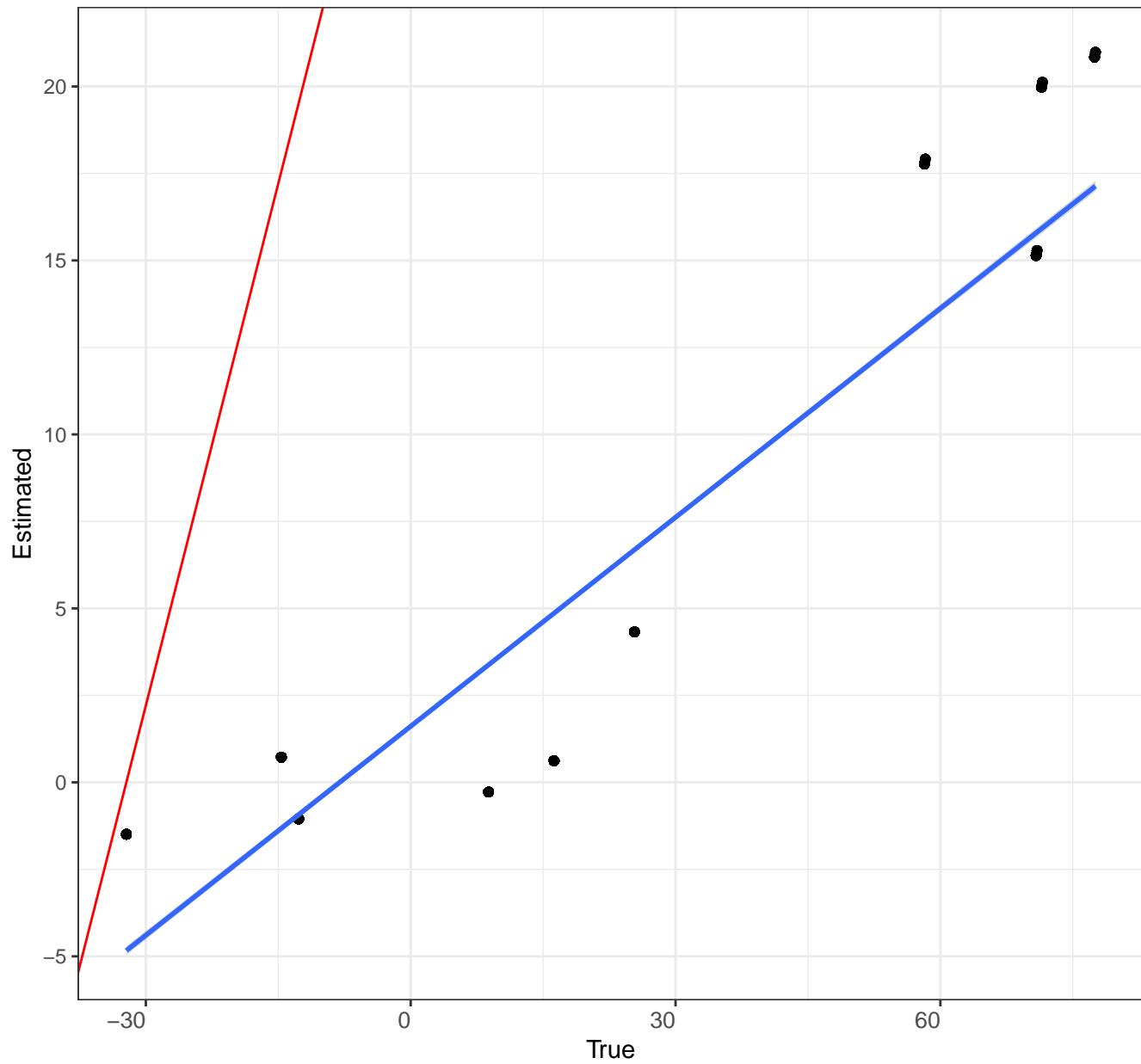
Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=80 ,r=10 true gr K=4 ,type=4 ,N=204 pN=0.07



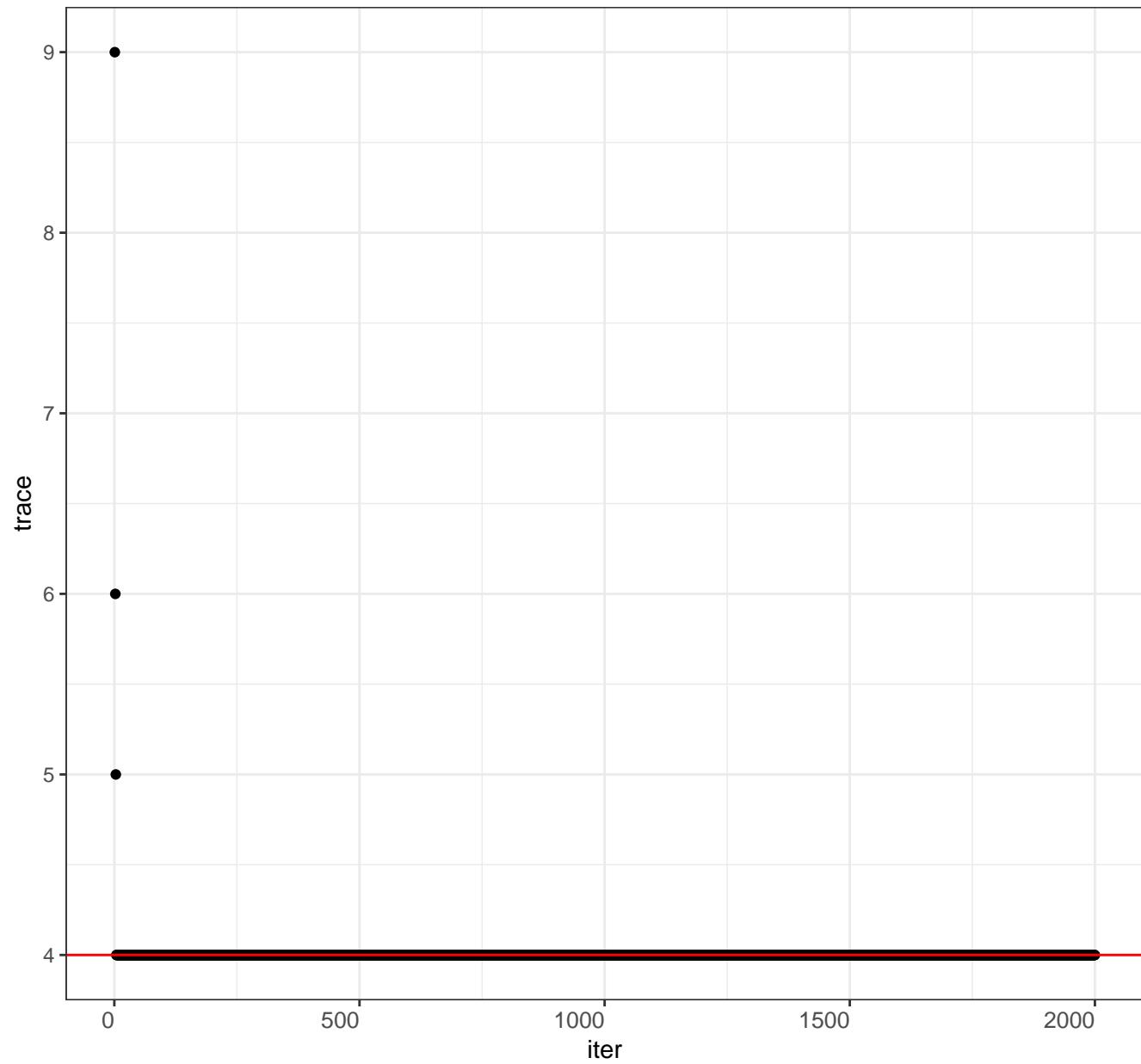
Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 r=10 true K=4 type=4

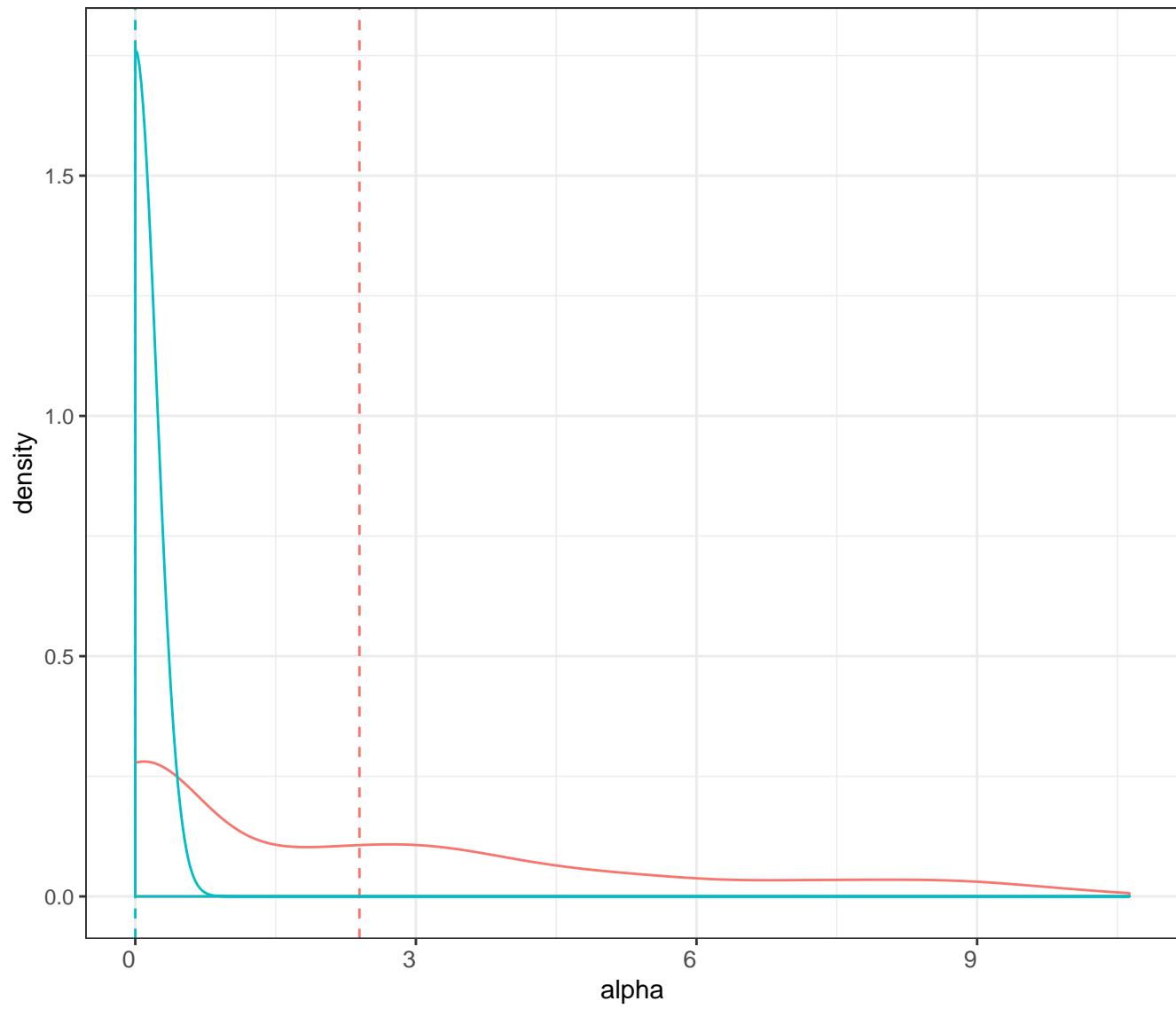
Trace plot for the number of groups K for S=80 r=10 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=80 ,r=10 true gr K=4 ,type=4 ,N=204

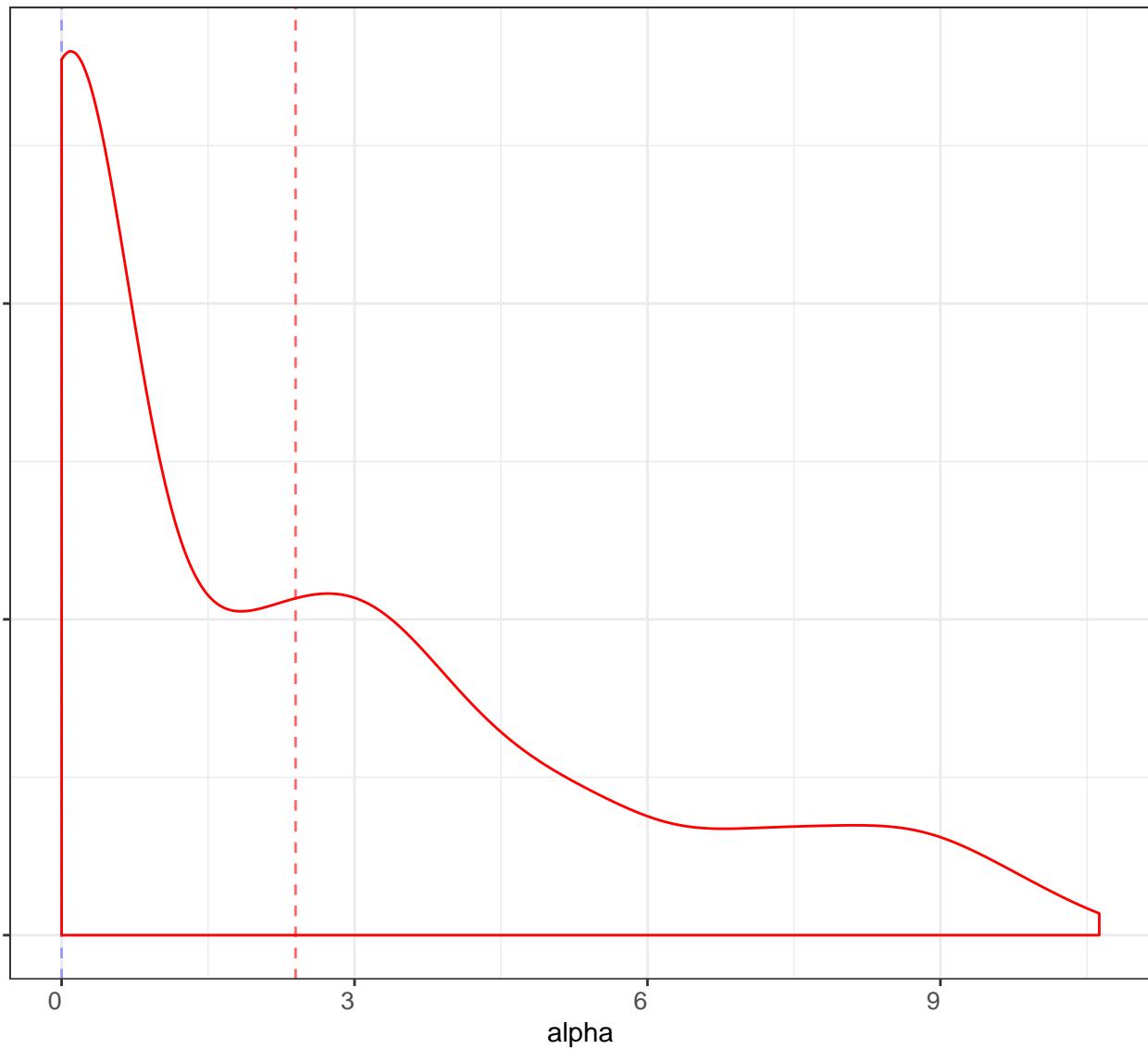
type [] posterior [] prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

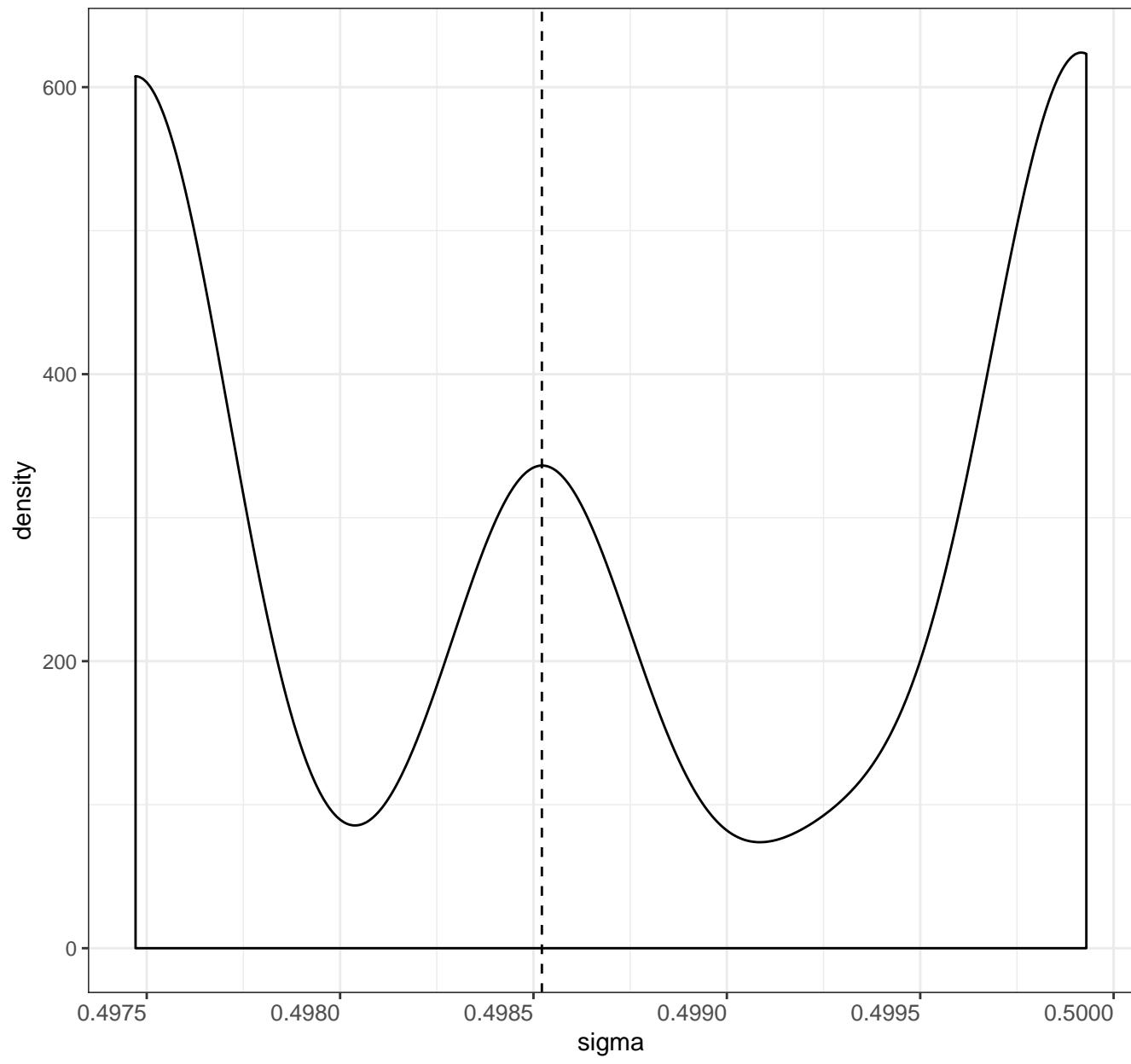
Posterior distribution for alpha

Legend | posterior mean | prior mean

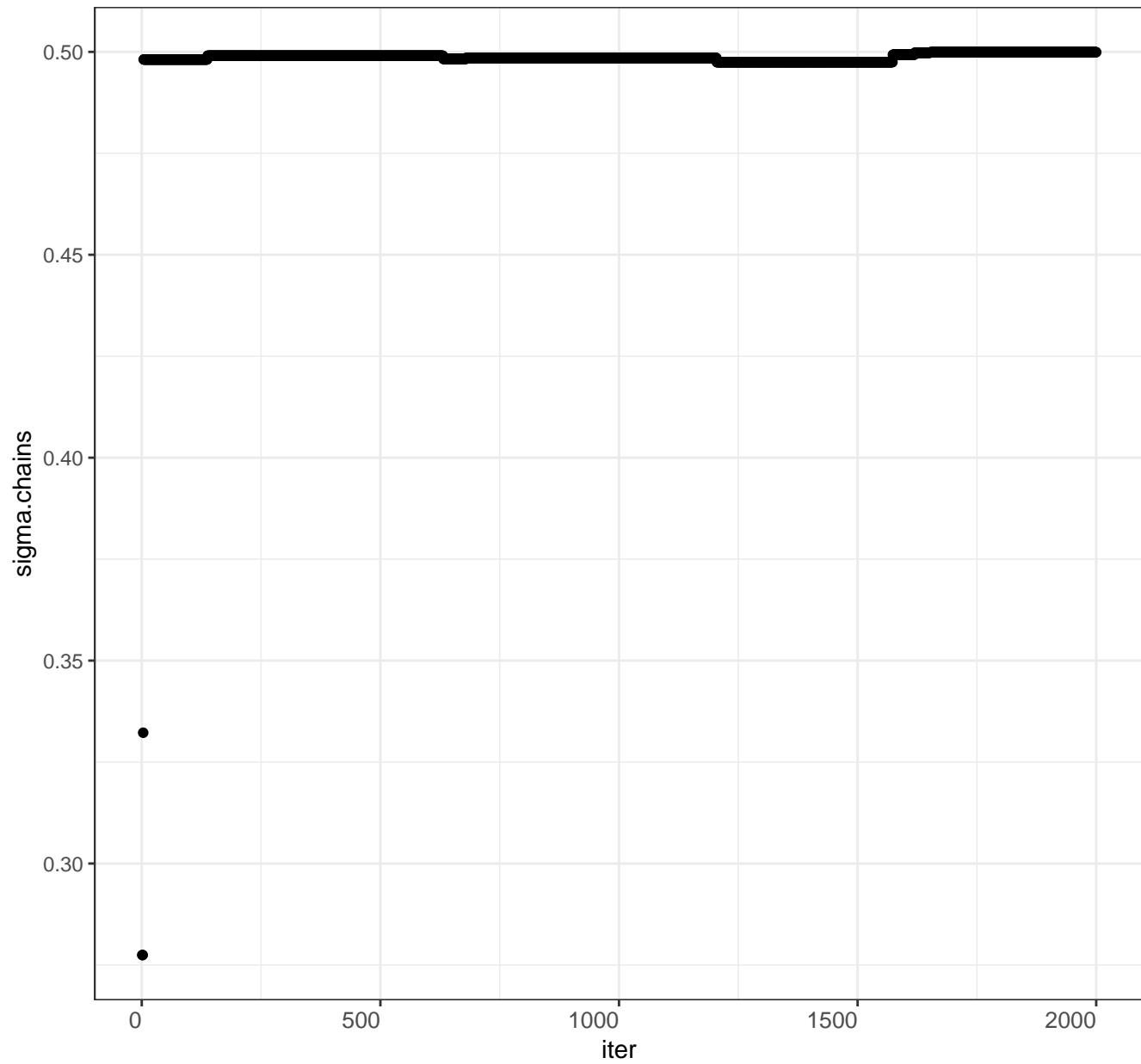


Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=10 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=80 ,r=10 true gr K=4 ,type=4 ,N=204

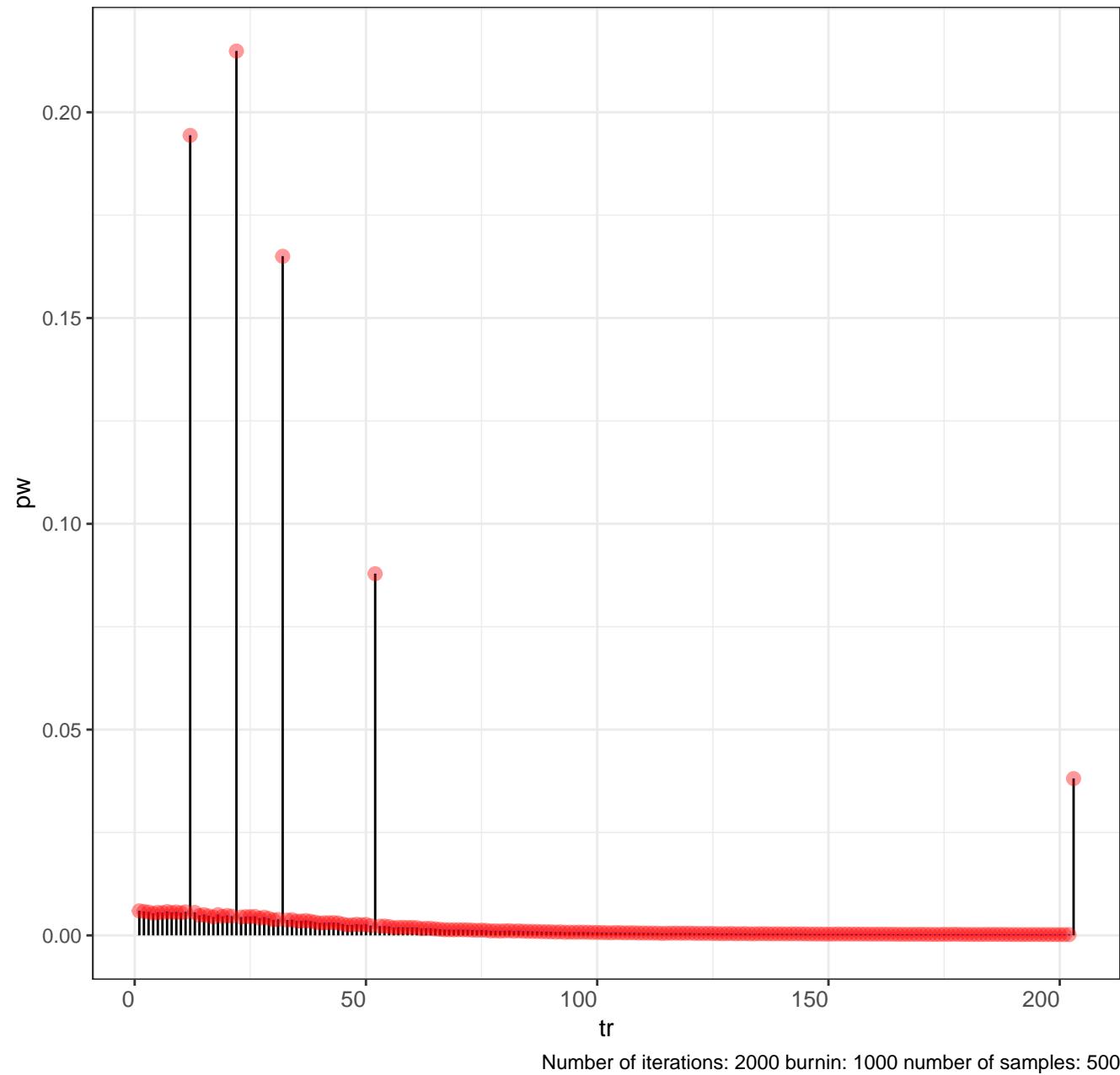


Trace plot for the sigma for S=80 r=10 true K=4 type=4

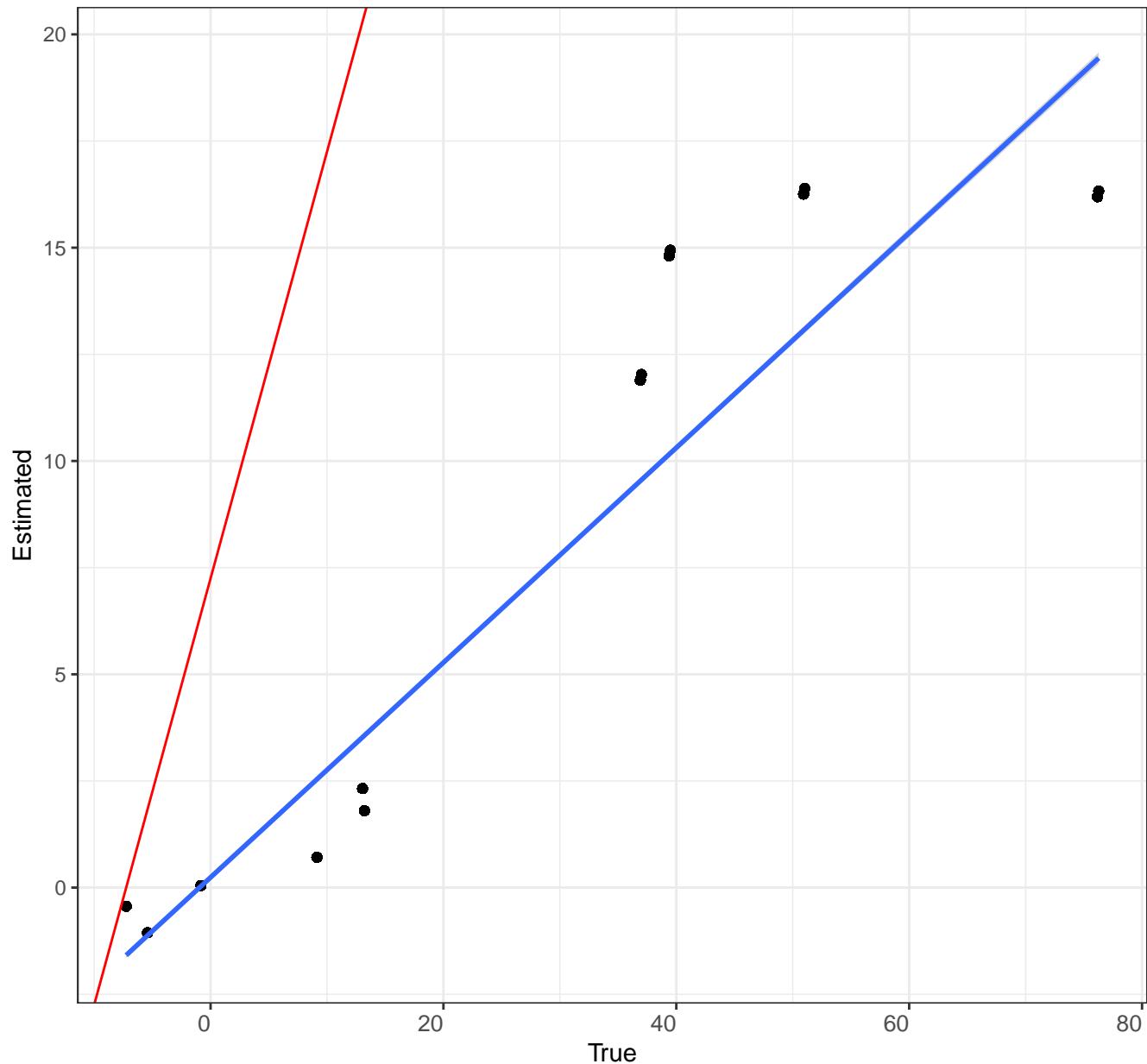


Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=80 ,r=10 true gr K=4 ,type=4 ,N=204 pN=0.038

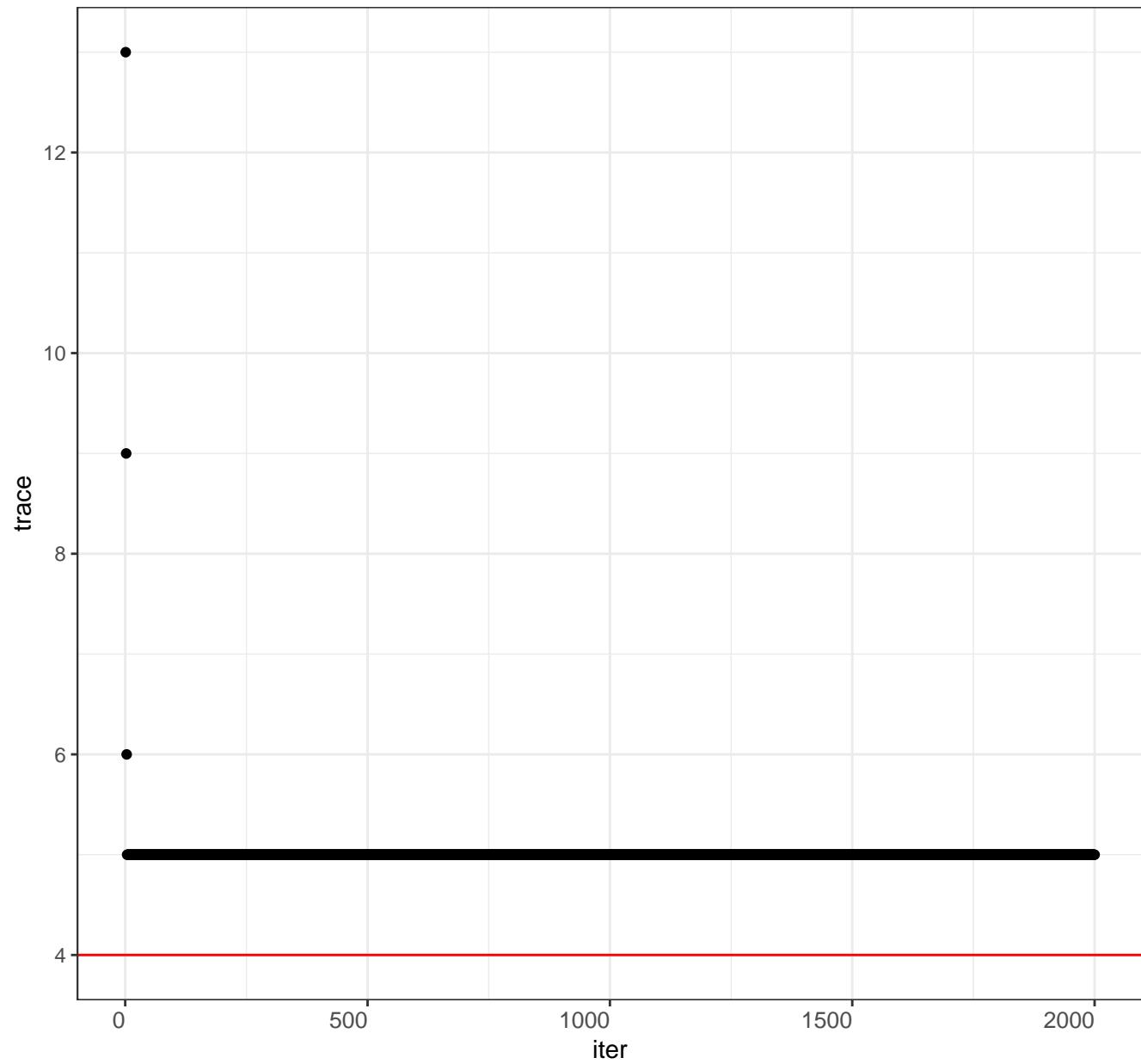


True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 r=10 true K=4 type=4

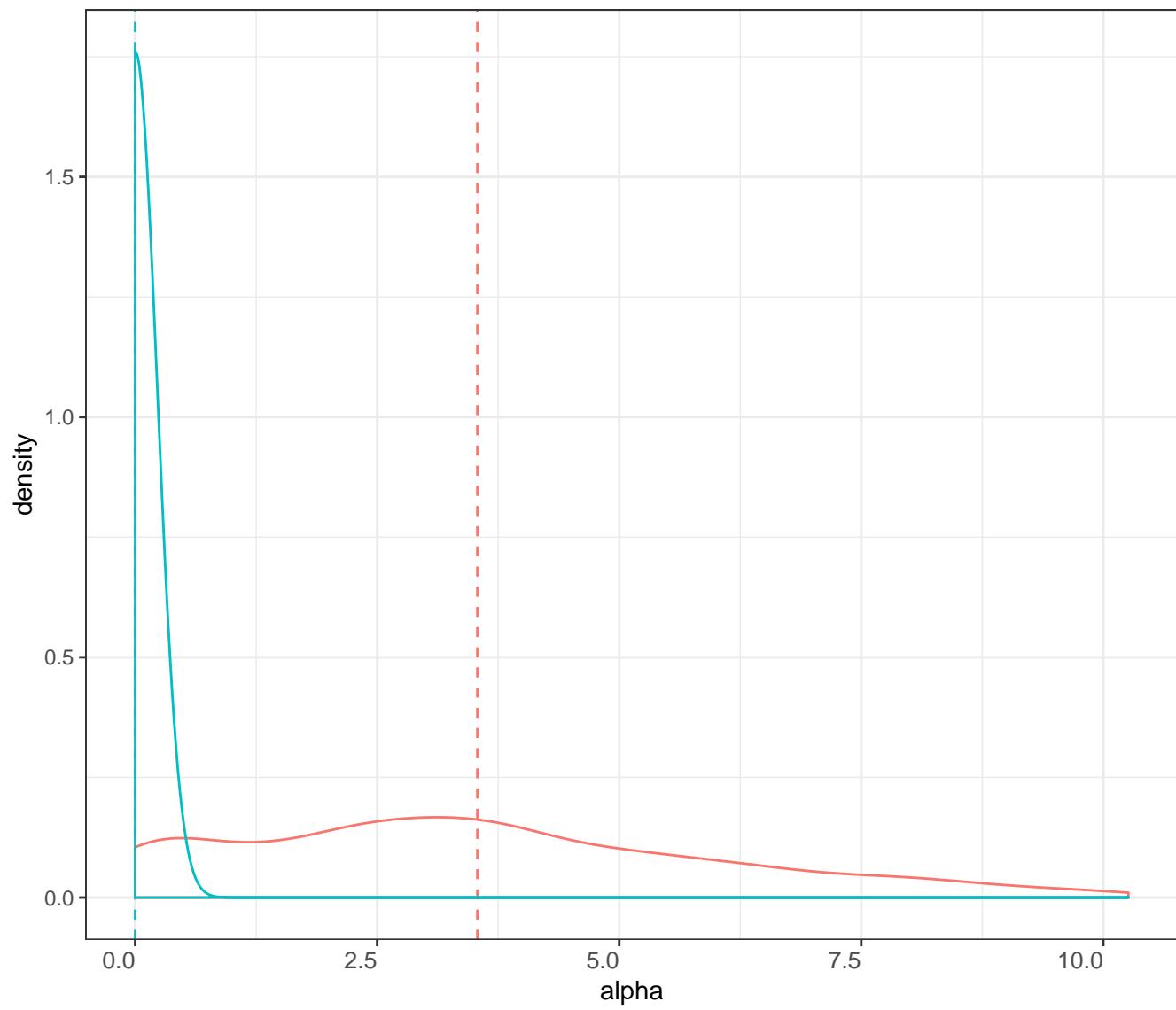
Trace plot for the number of groups K for S=80 r=10 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=80 ,r=10 true gr K=4 ,type=4 ,N=204

type [] posterior [] prior



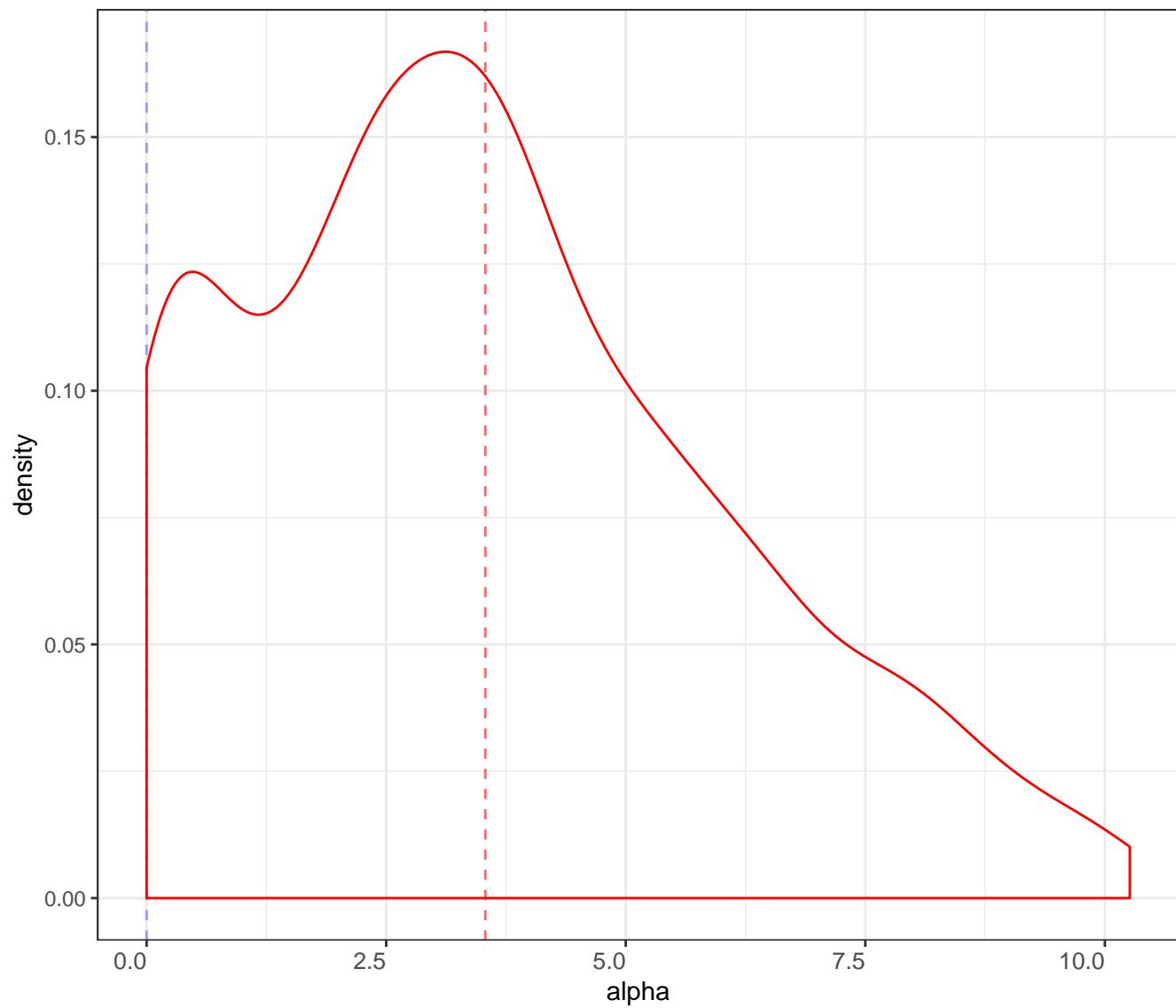
Number of iterations: 2000 burnin: 1000 number of samples: 500

Posterior distribution for alpha

Legend

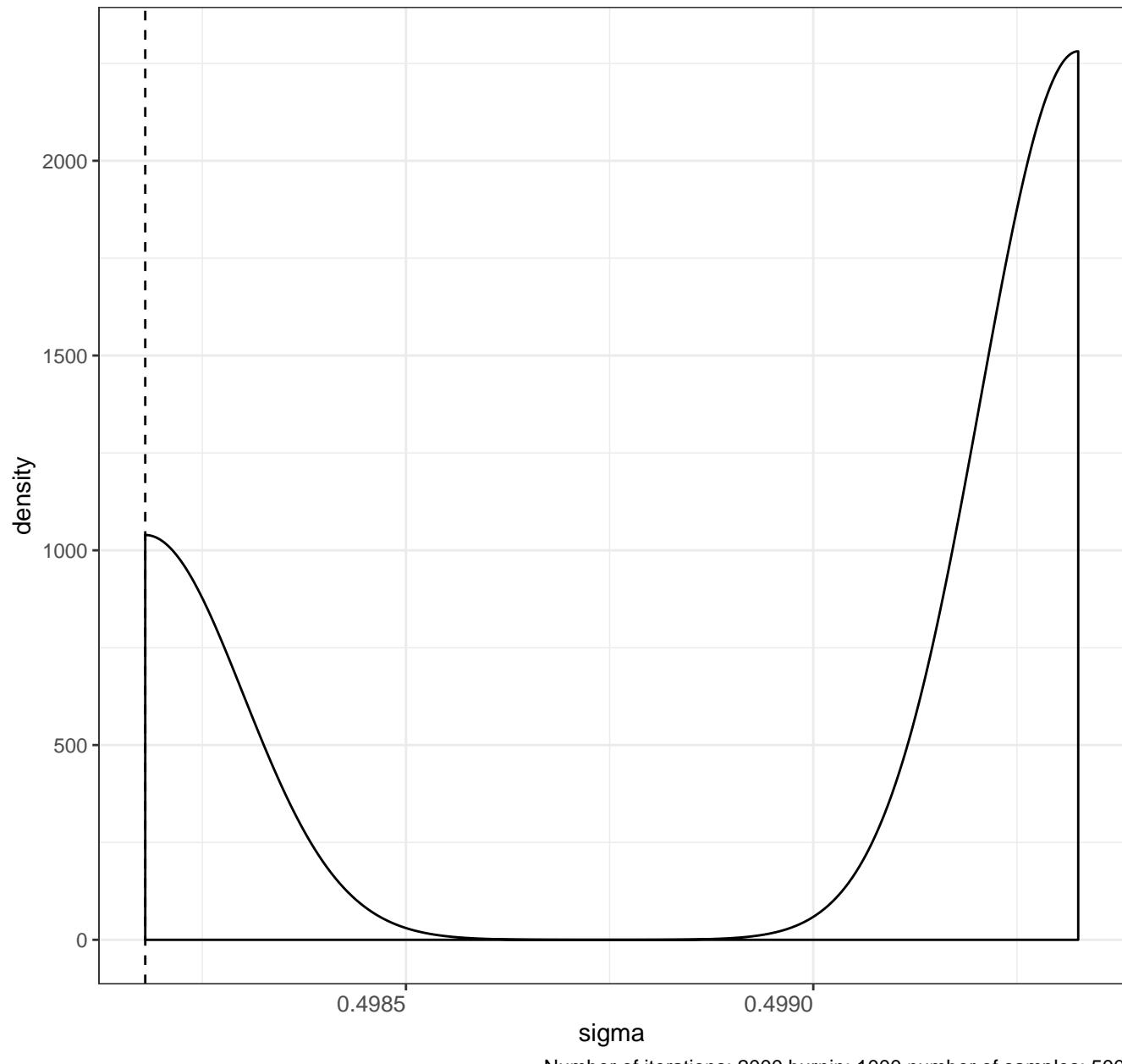
posterior mean

prior mean

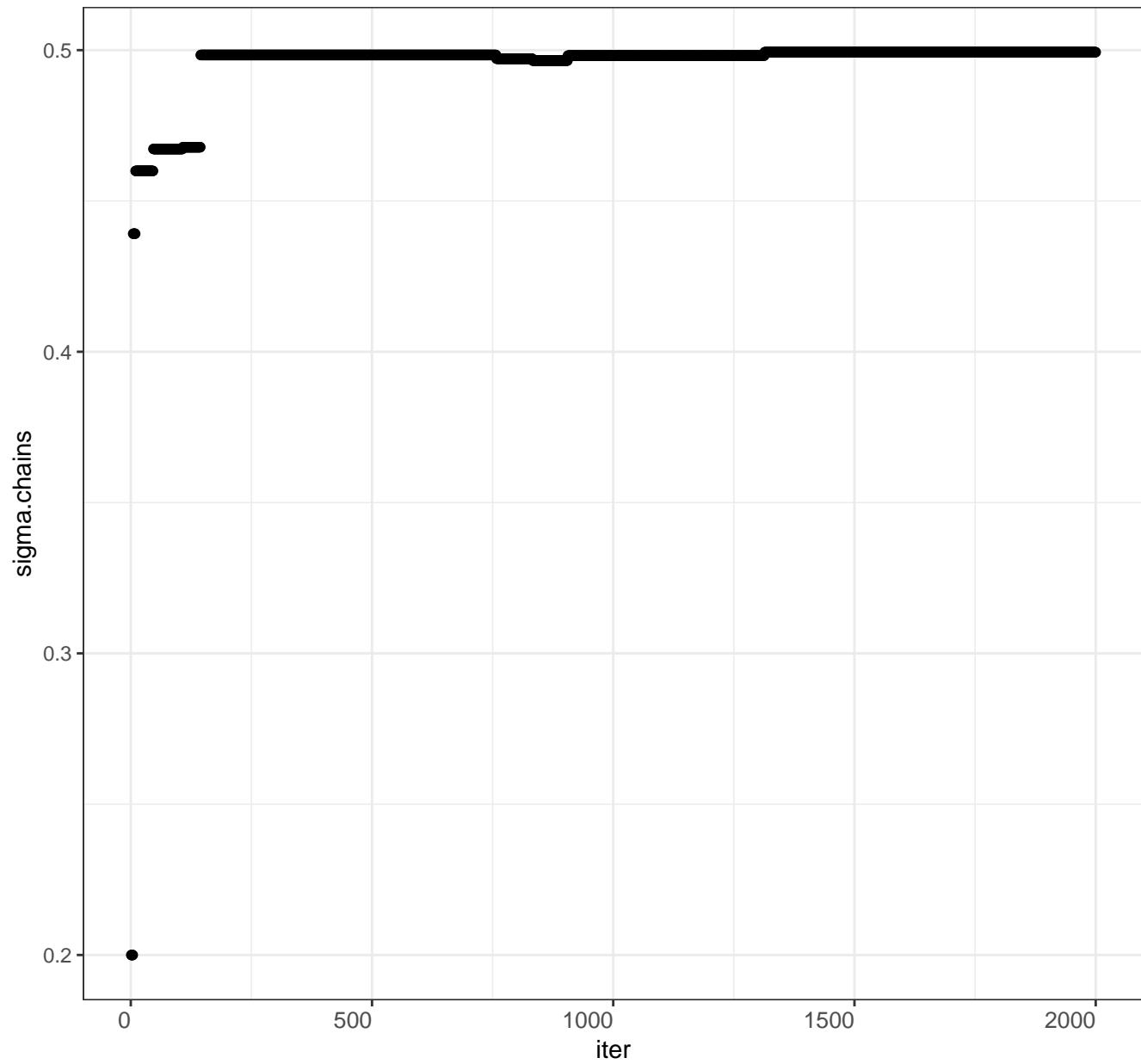


Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=10 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=80 ,r=10 true gr K=4 ,type=4 ,N=204

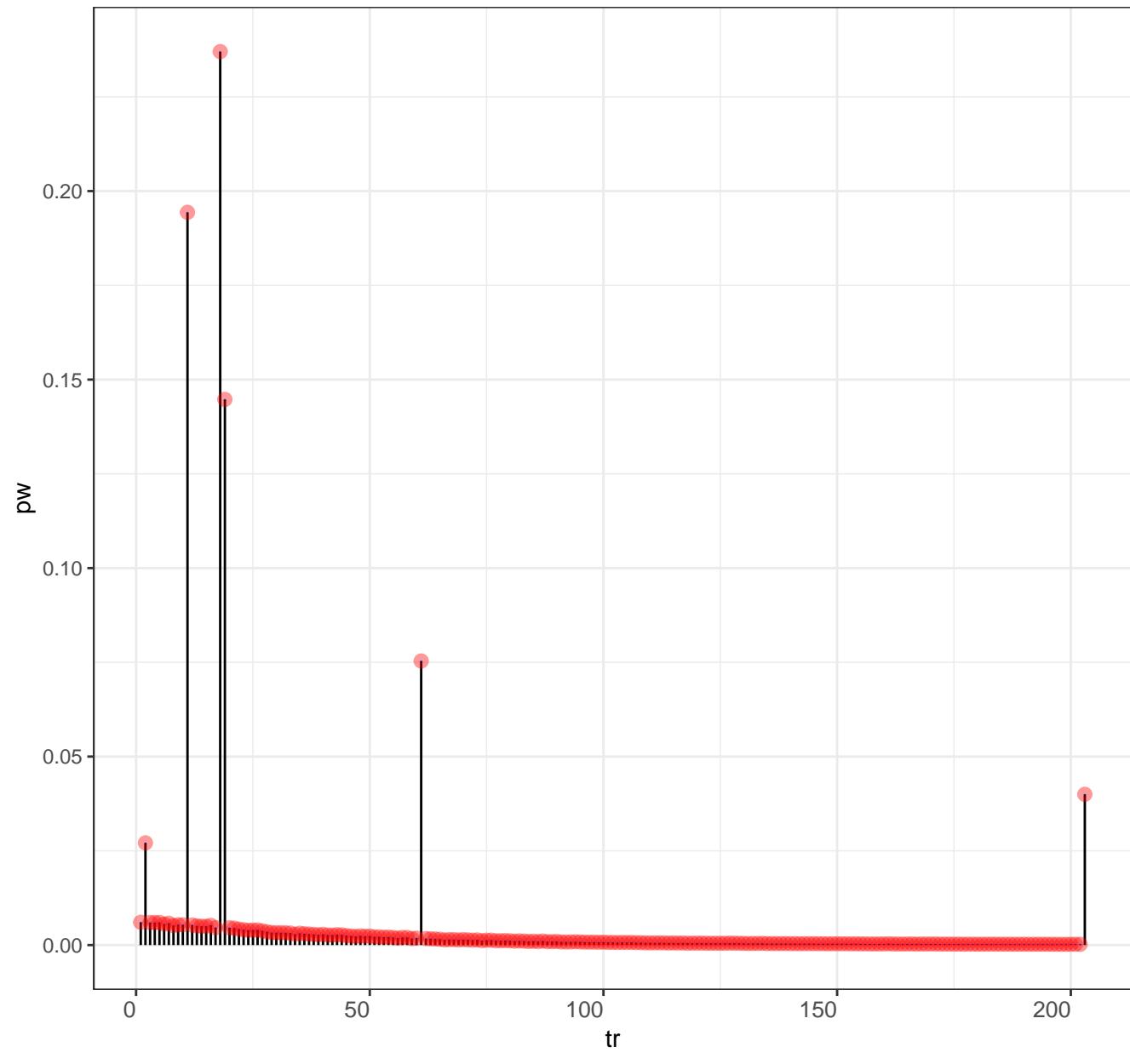


Trace plot for the sigma for S=80 r=10 true K=4 type=4

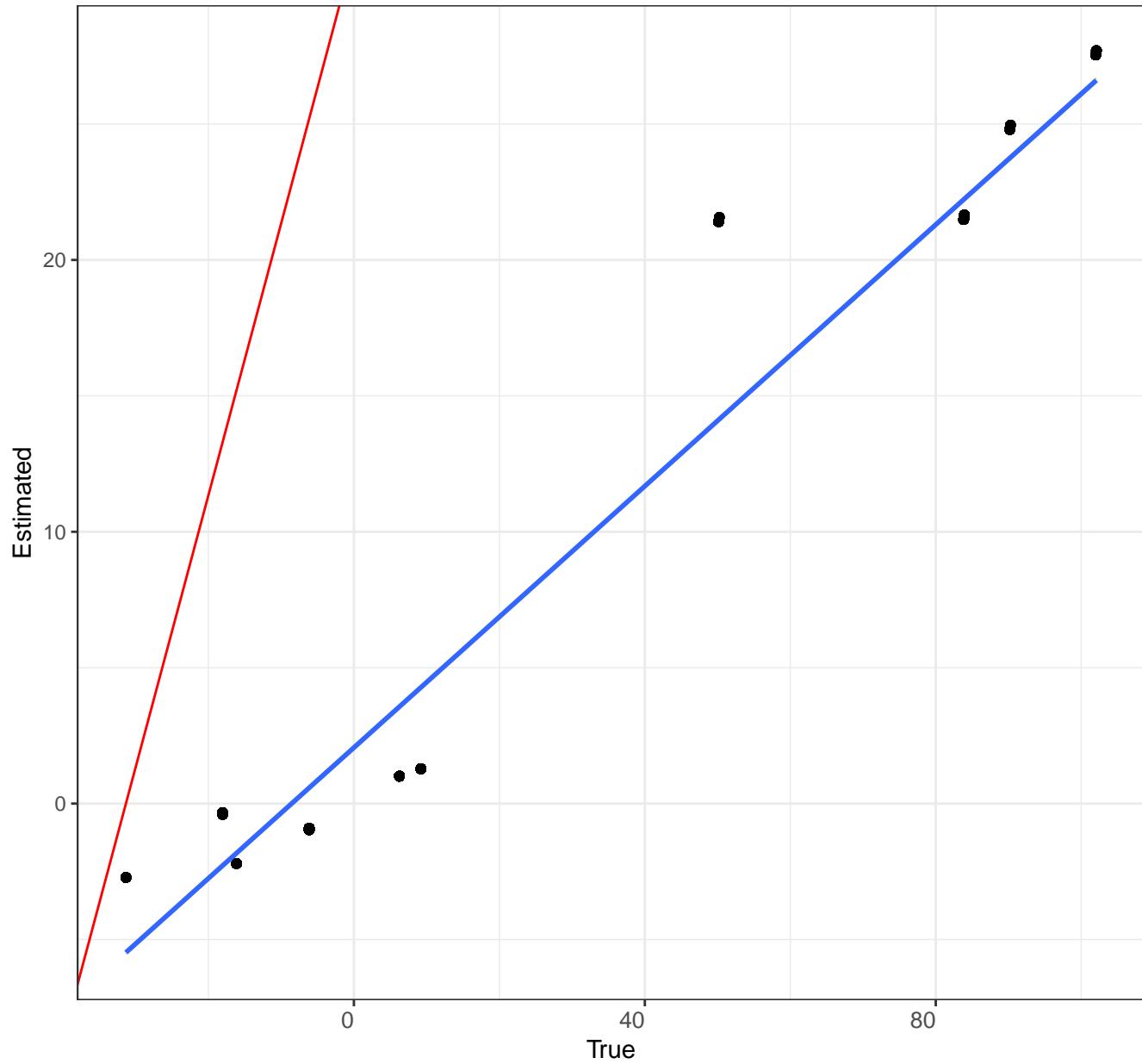


Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=80 ,r=10 true gr K=4 ,type=4 ,N=204 pN=0.04

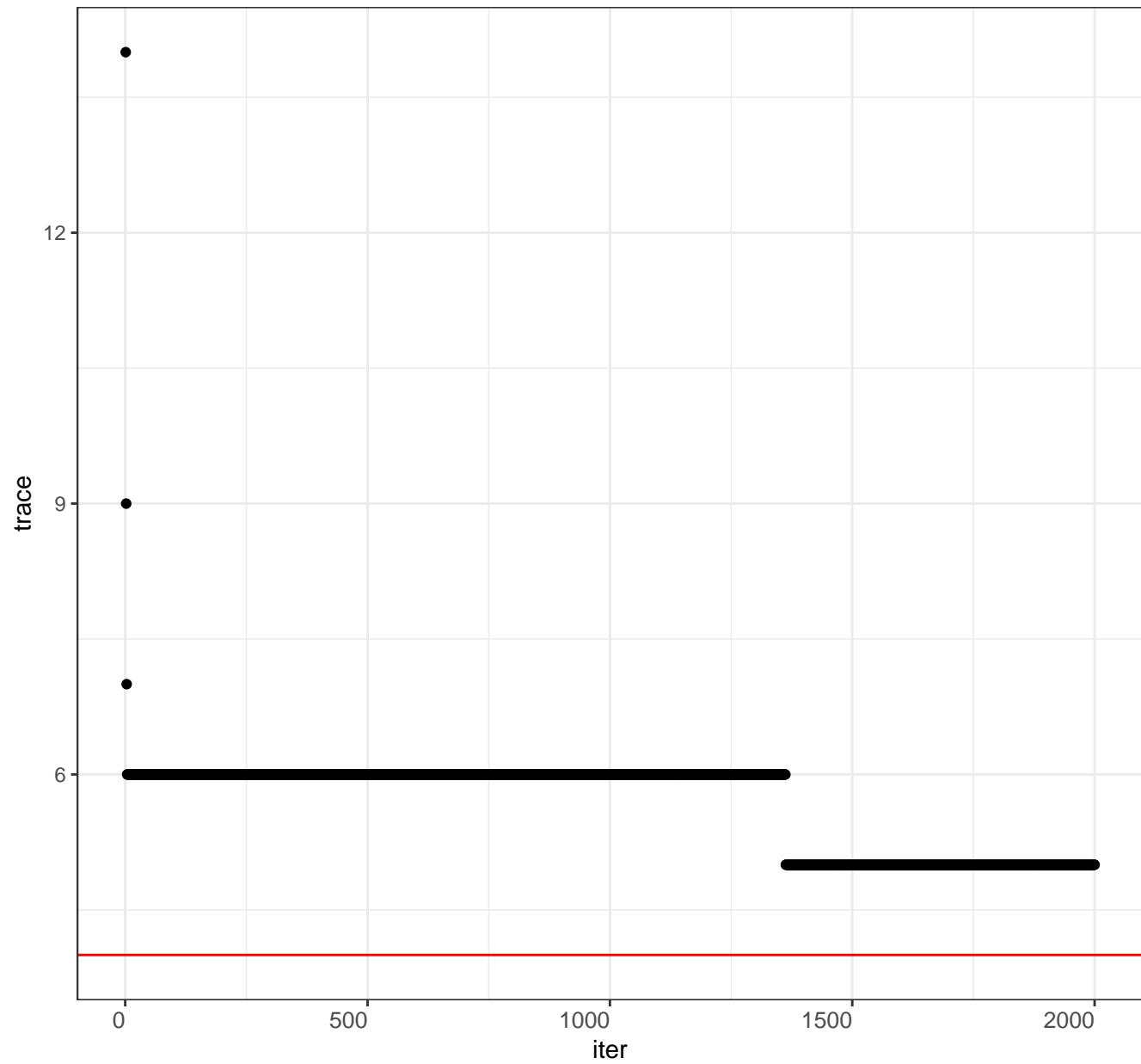


True vs estimated covariance parameters



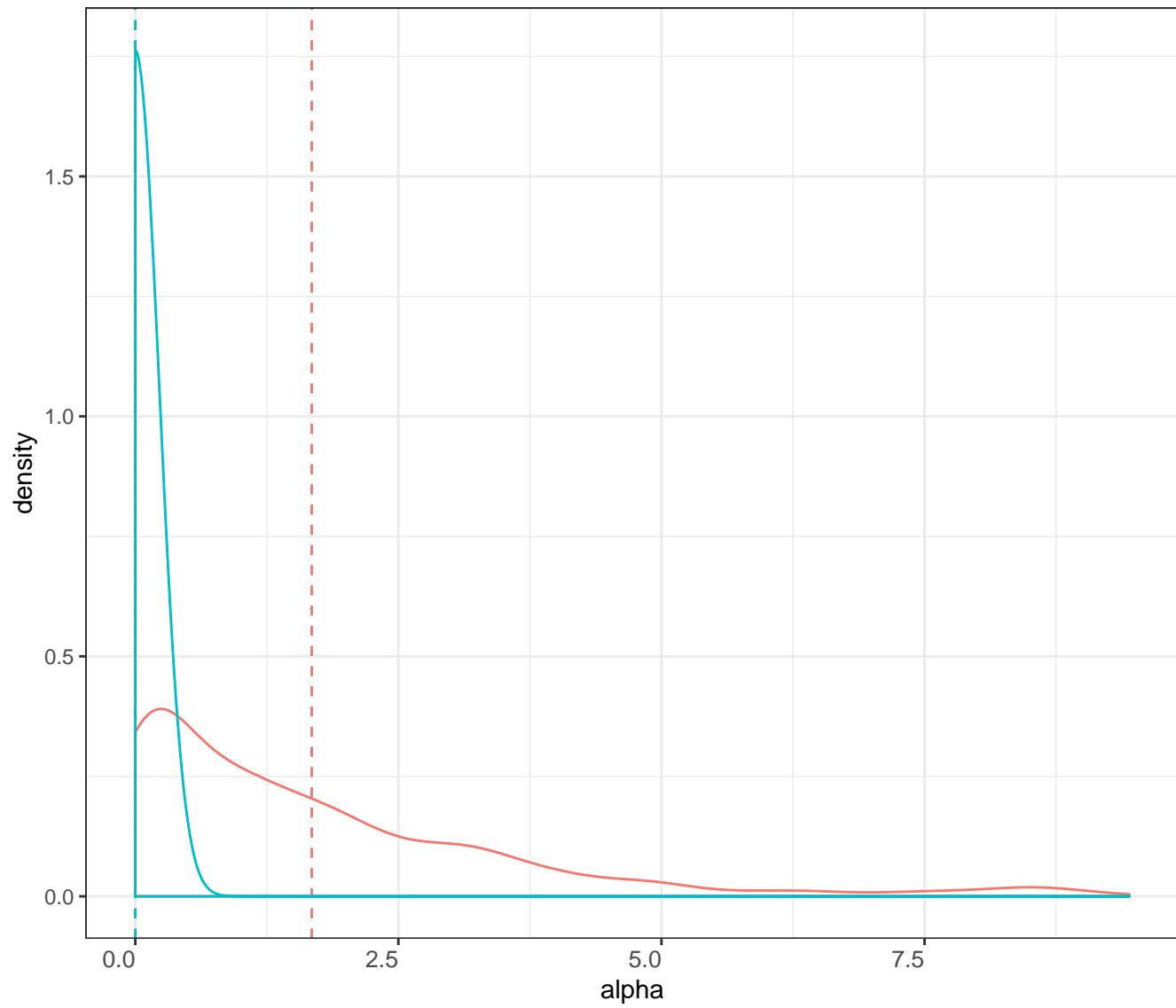
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 r=10 true K=4 type=4

Trace plot for the number of groups K for S=80 r=10 true K=4 type=4



Distribution alpha: S=80 ,r=10 true gr K=4 ,type=4 ,N=204

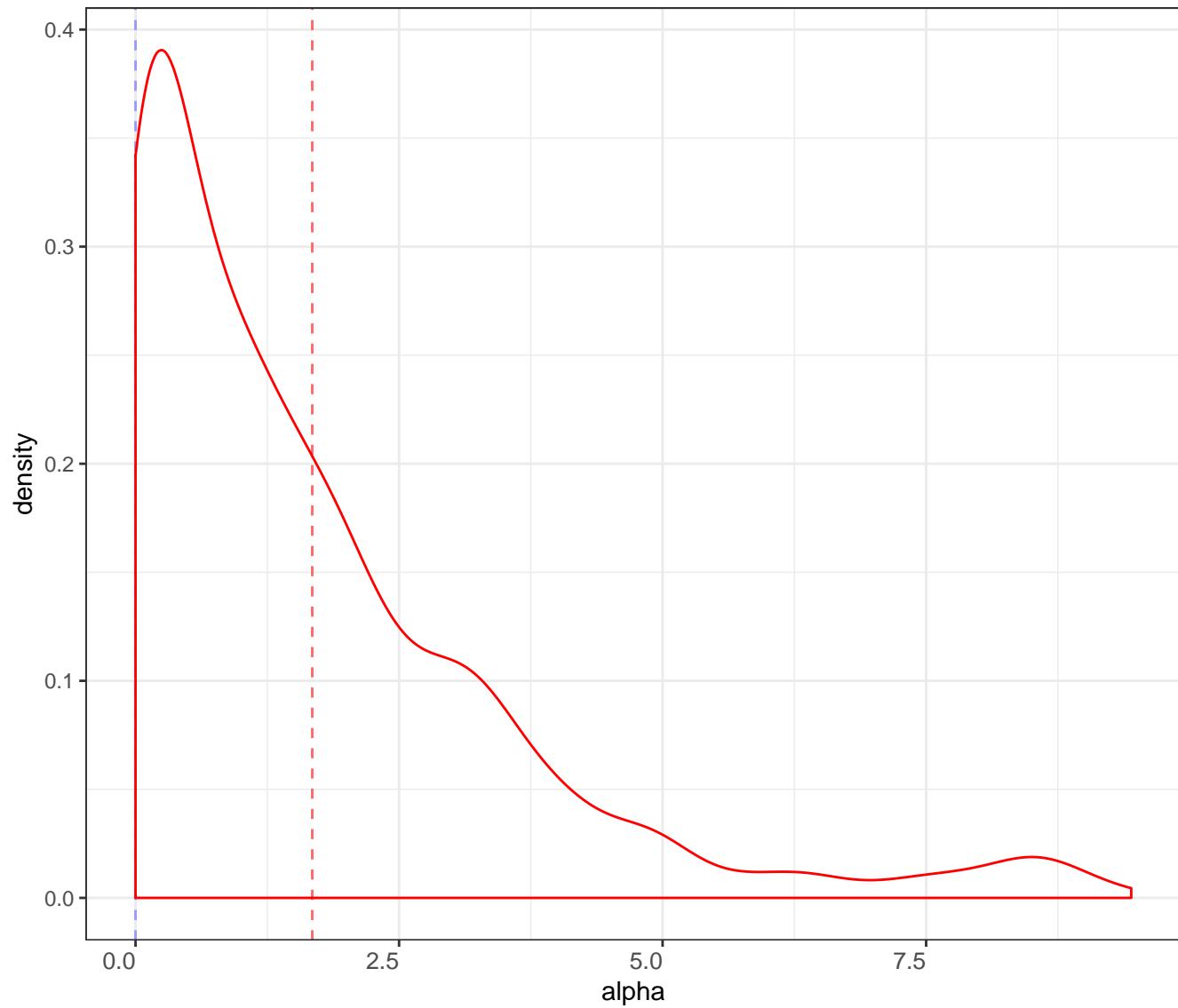
type [] posterior [] prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

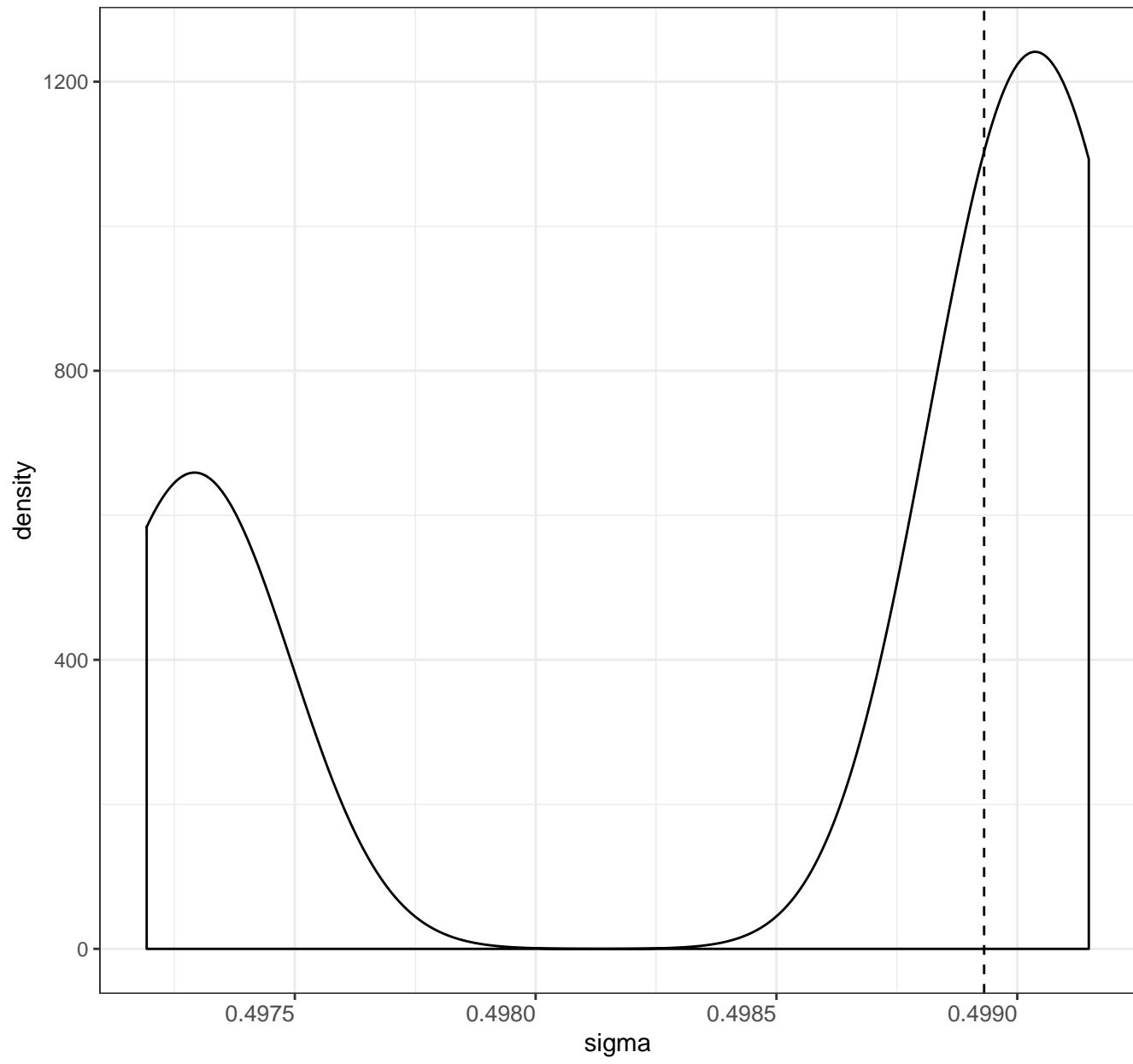
Posterior distribution for alpha

Legend | posterior mean | prior mean

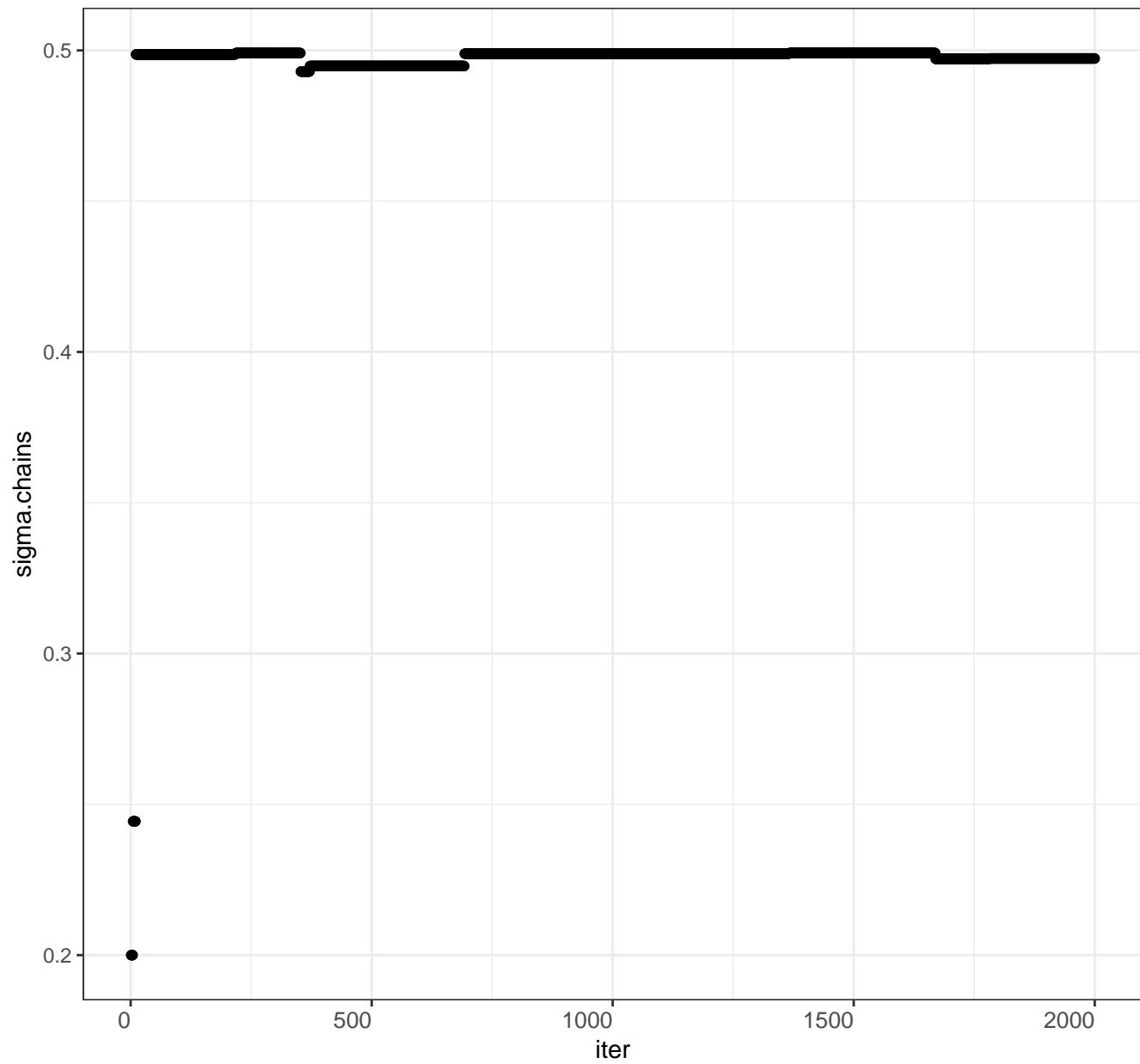


Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=10 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=80 ,r=10 true gr K=4 ,type=4 ,N=204

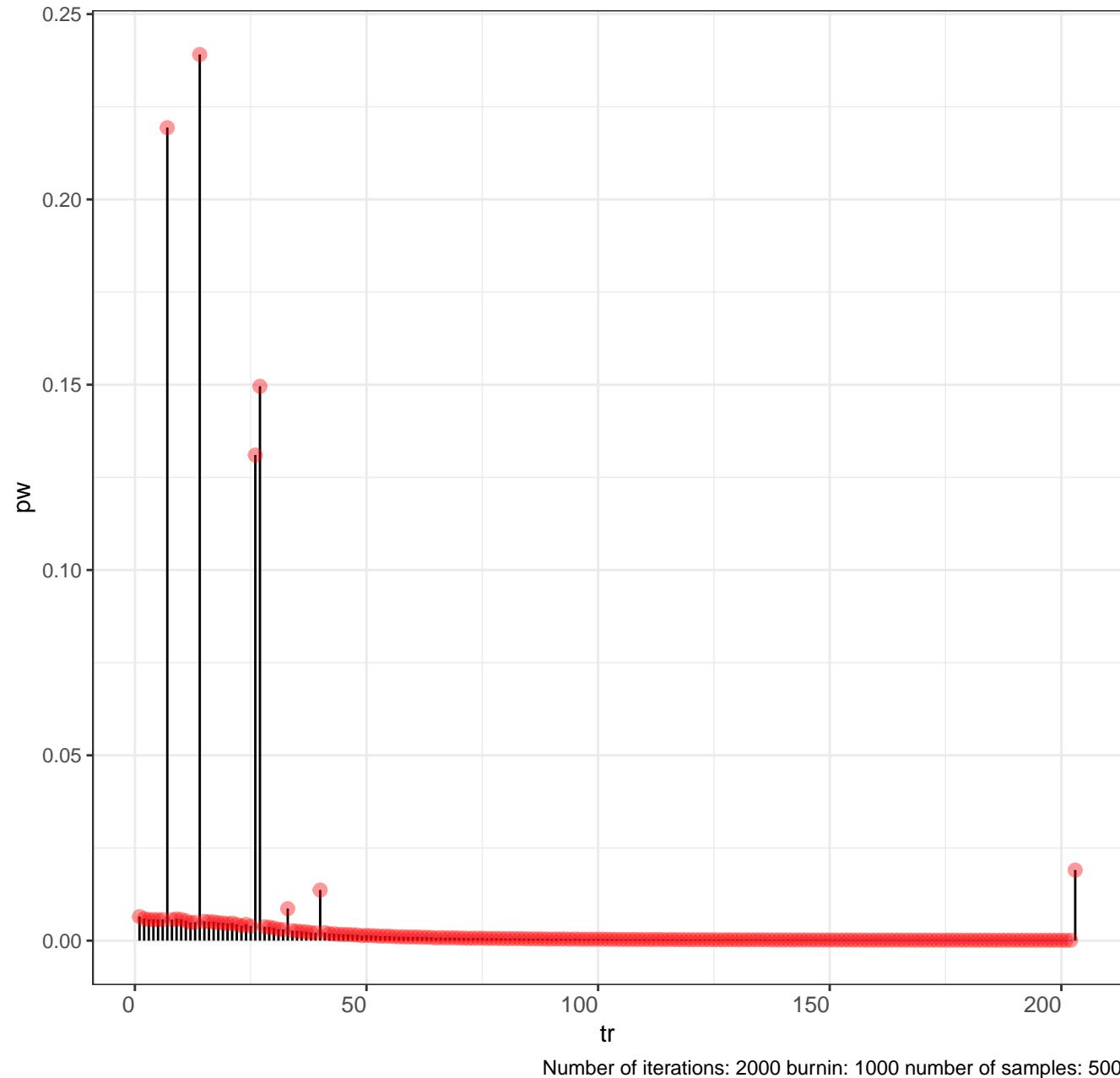


Trace plot for the sigma for S=80 r=10 true K=4 type=4

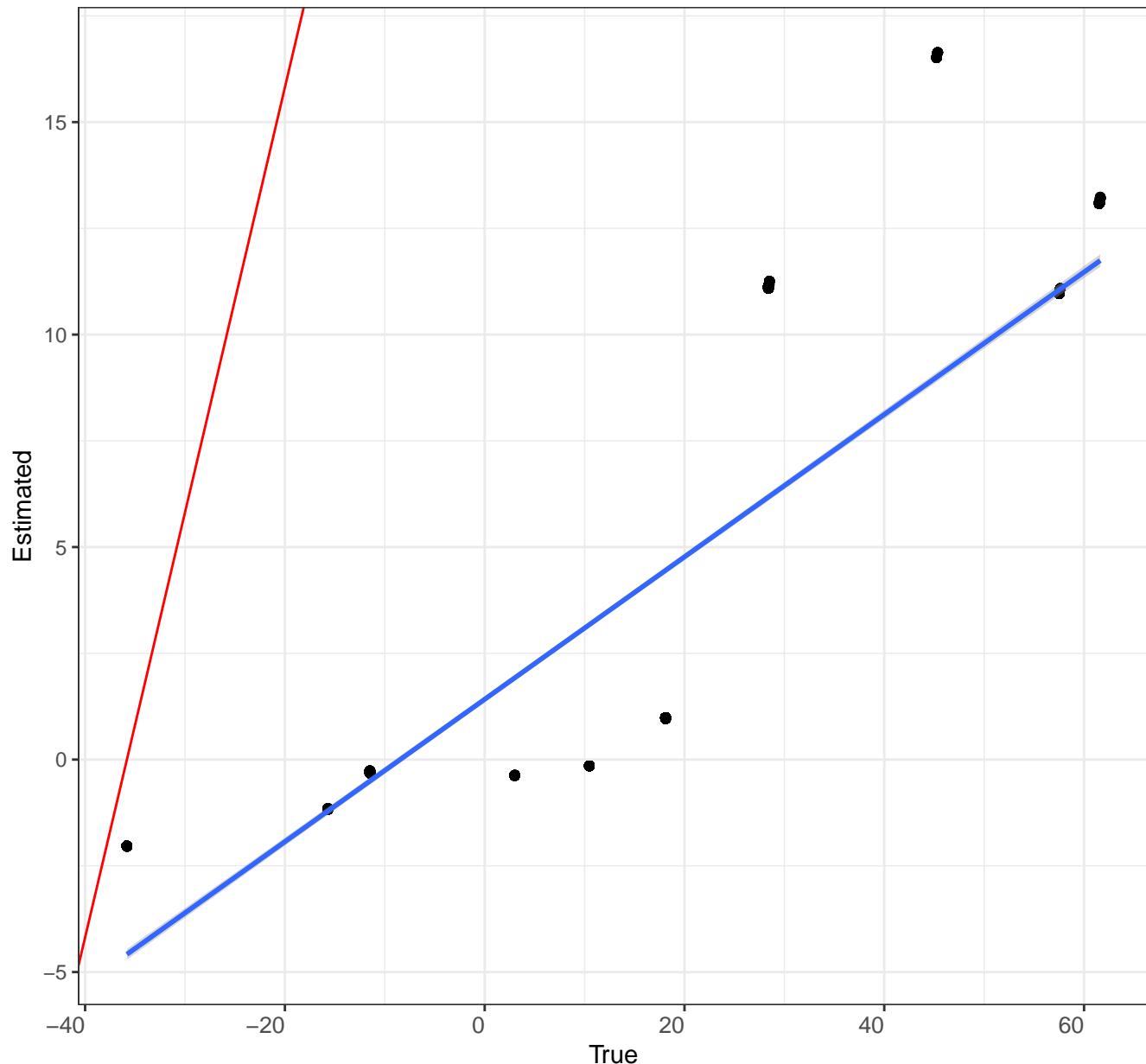


Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=80 ,r=10 true gr K=4 ,type=4 ,N=204 pN=0.019

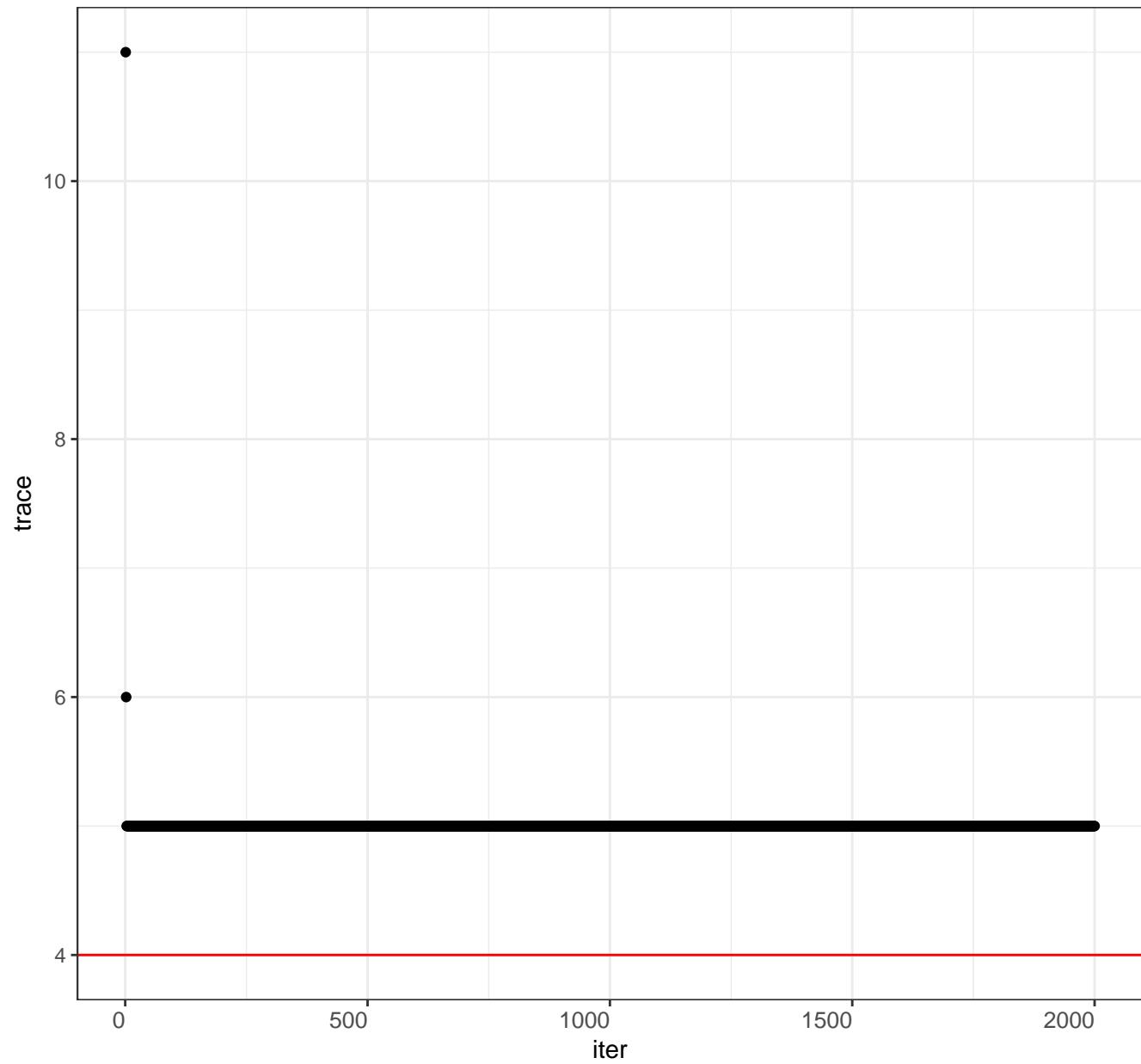


True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 r=10 true K=4 type=4

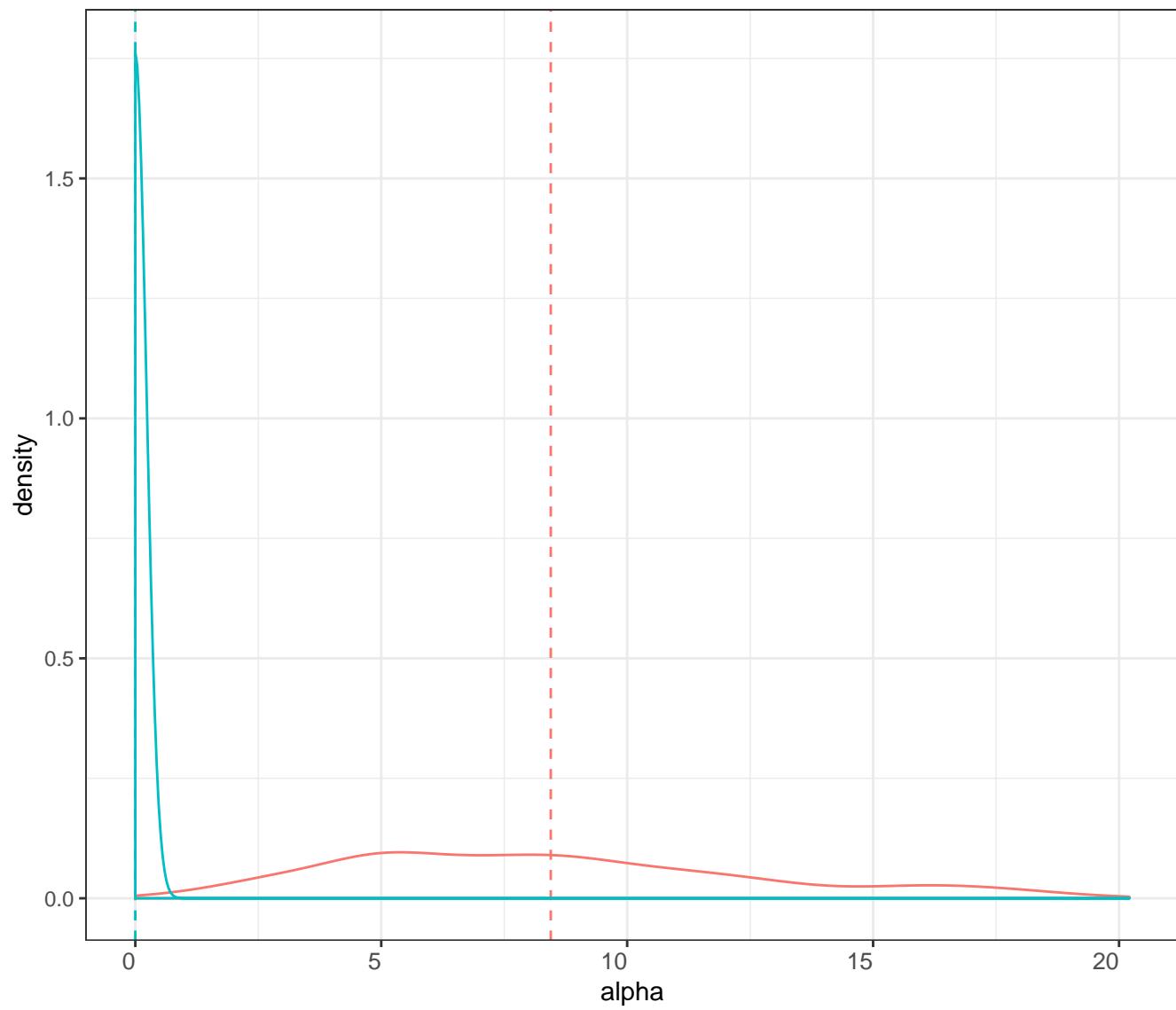
Trace plot for the number of groups K for S=80 r=20 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=80 ,r=20 true gr K=4 ,type=4 ,N=204

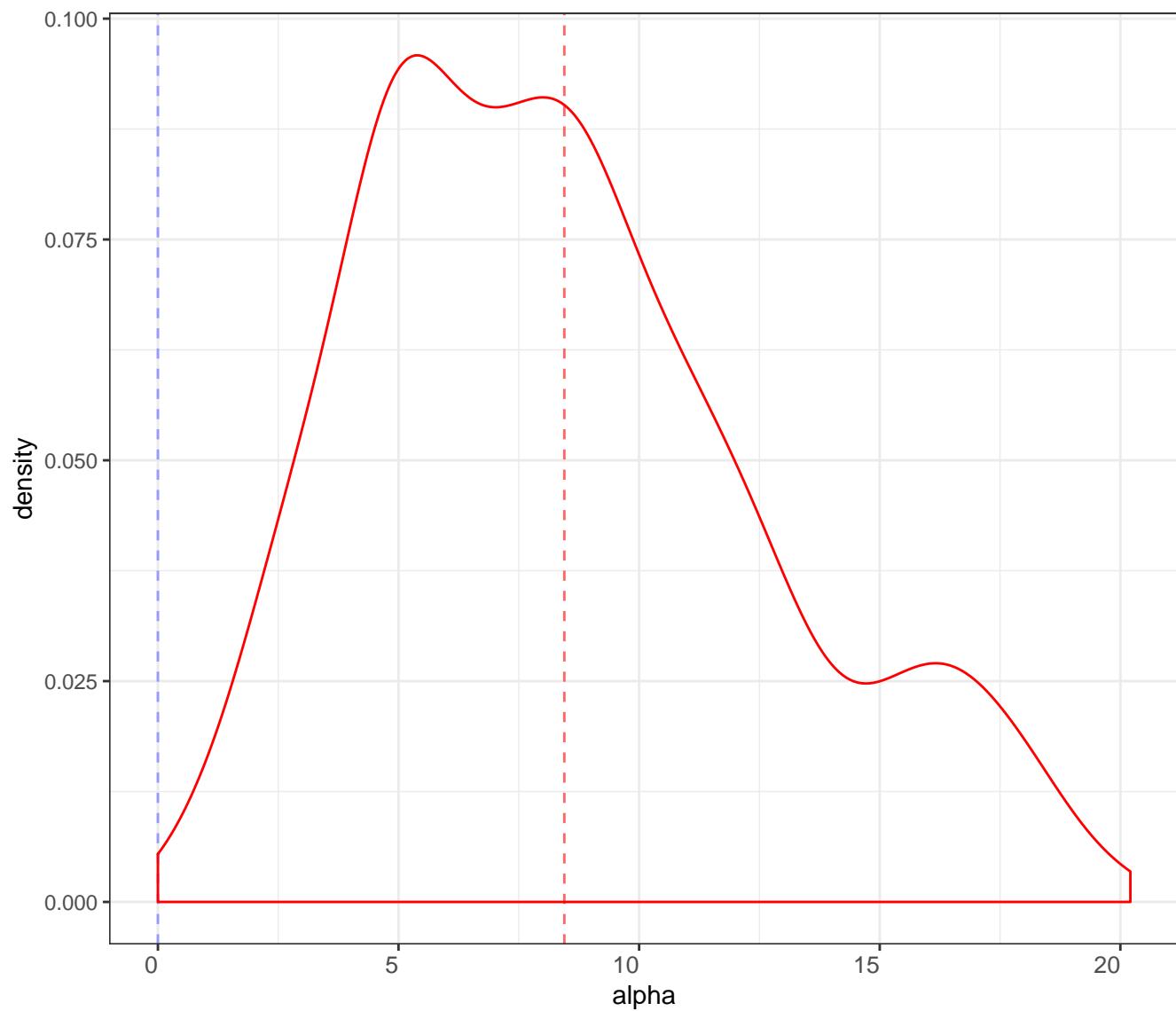
type [] posterior [] prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

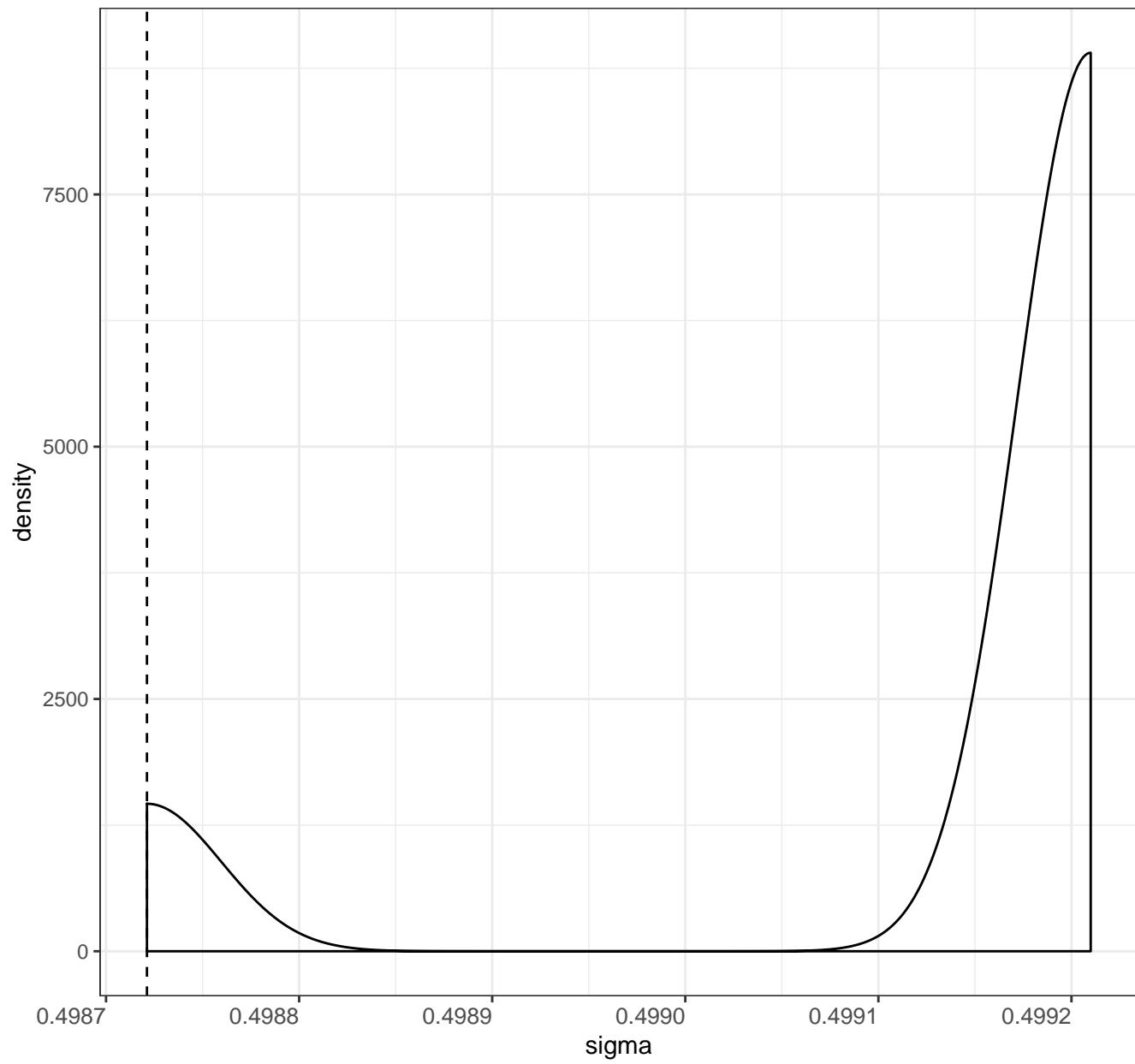
Posterior distribution for alpha

Legend | posterior mean | prior mean



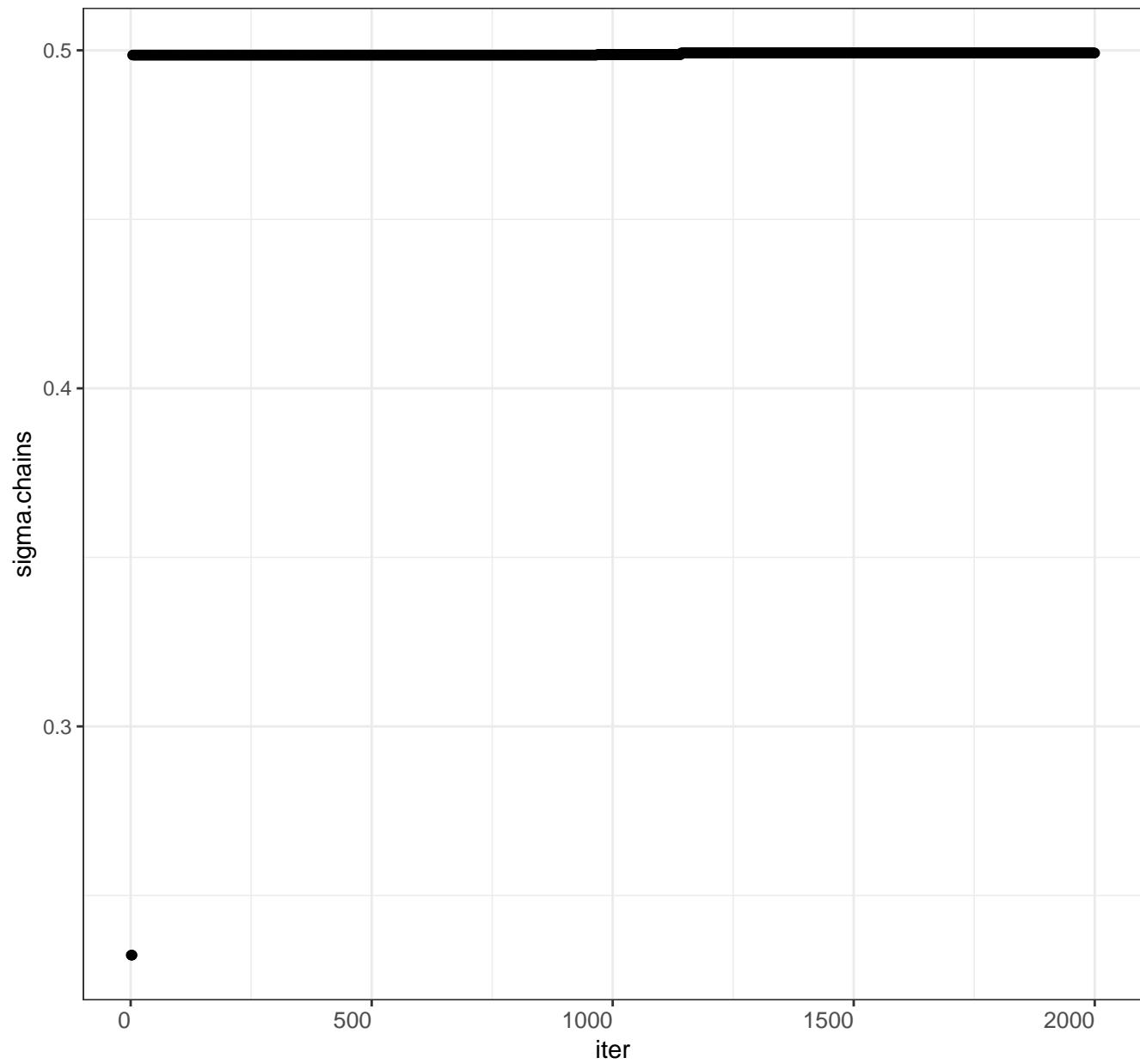
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=20 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=80 ,r=20 true gr K=4 ,type=4 ,N=204



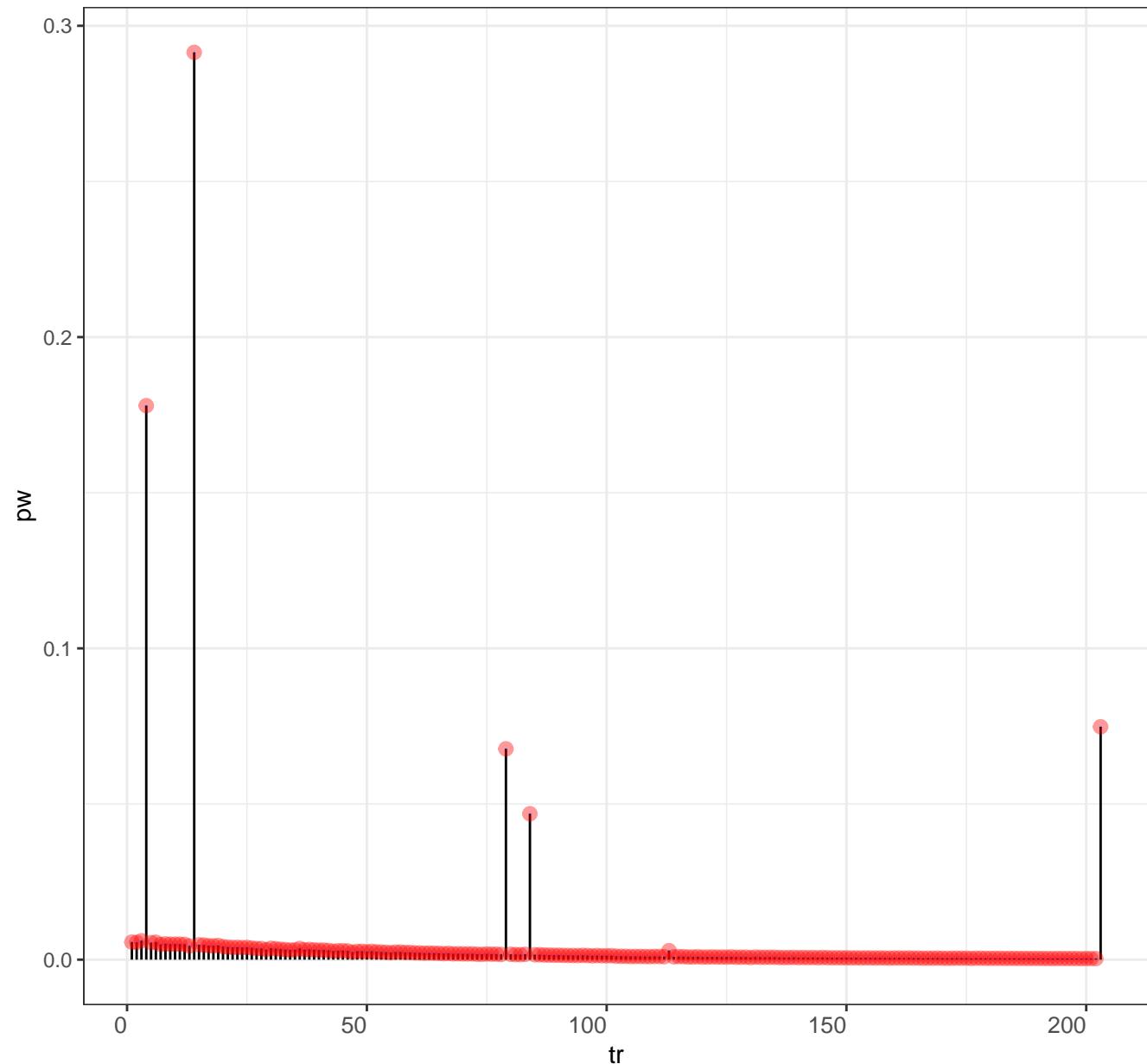
Number of iterations: 2000 burnin: 1000 number of samples: 500

Trace plot for the sigma for S=80 r=20 true K=4 type=4

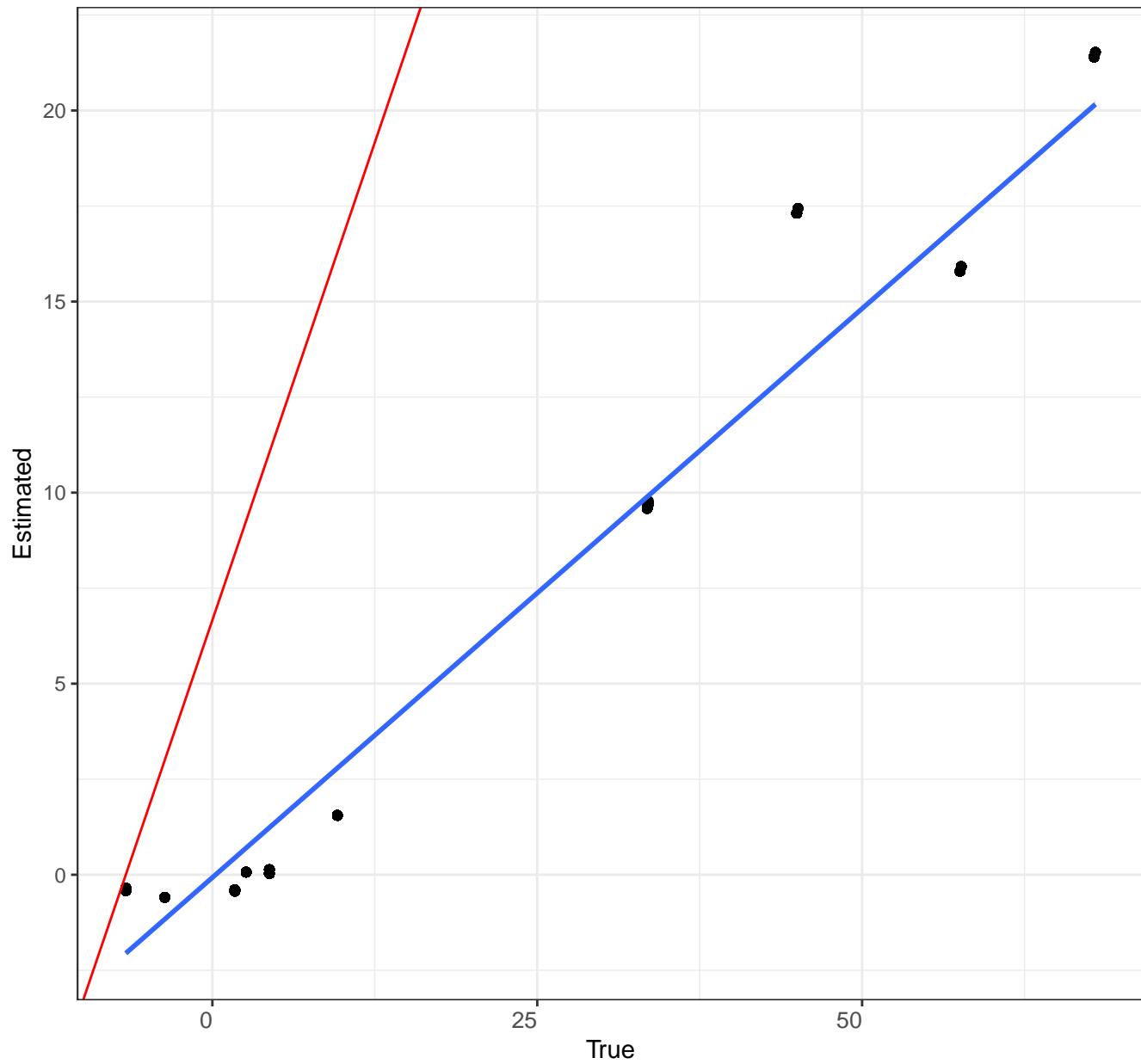


Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=80 ,r=20 true gr K=4 ,type=4 ,N=204 pN=0.075

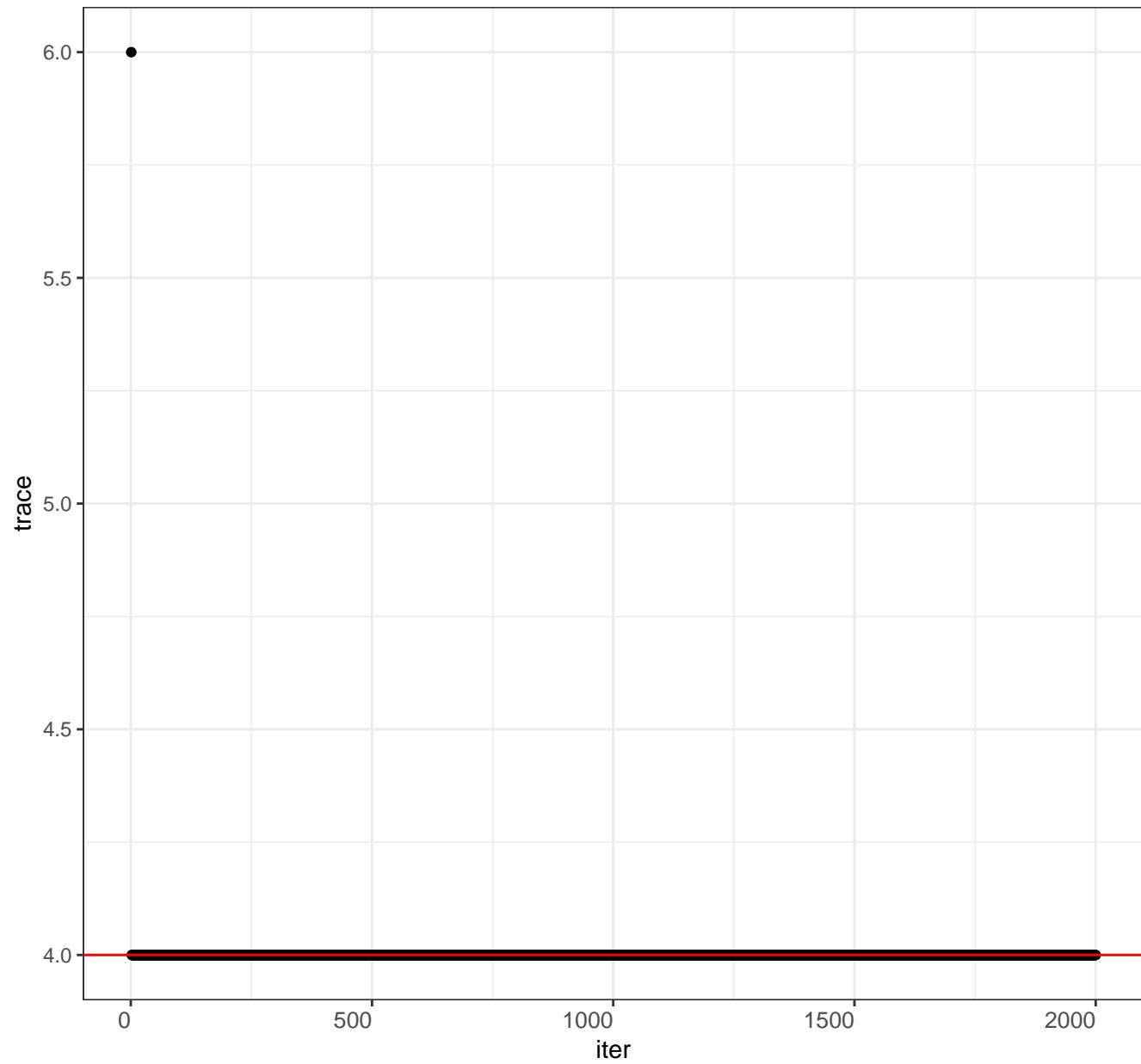


True vs estimated covariance parameters



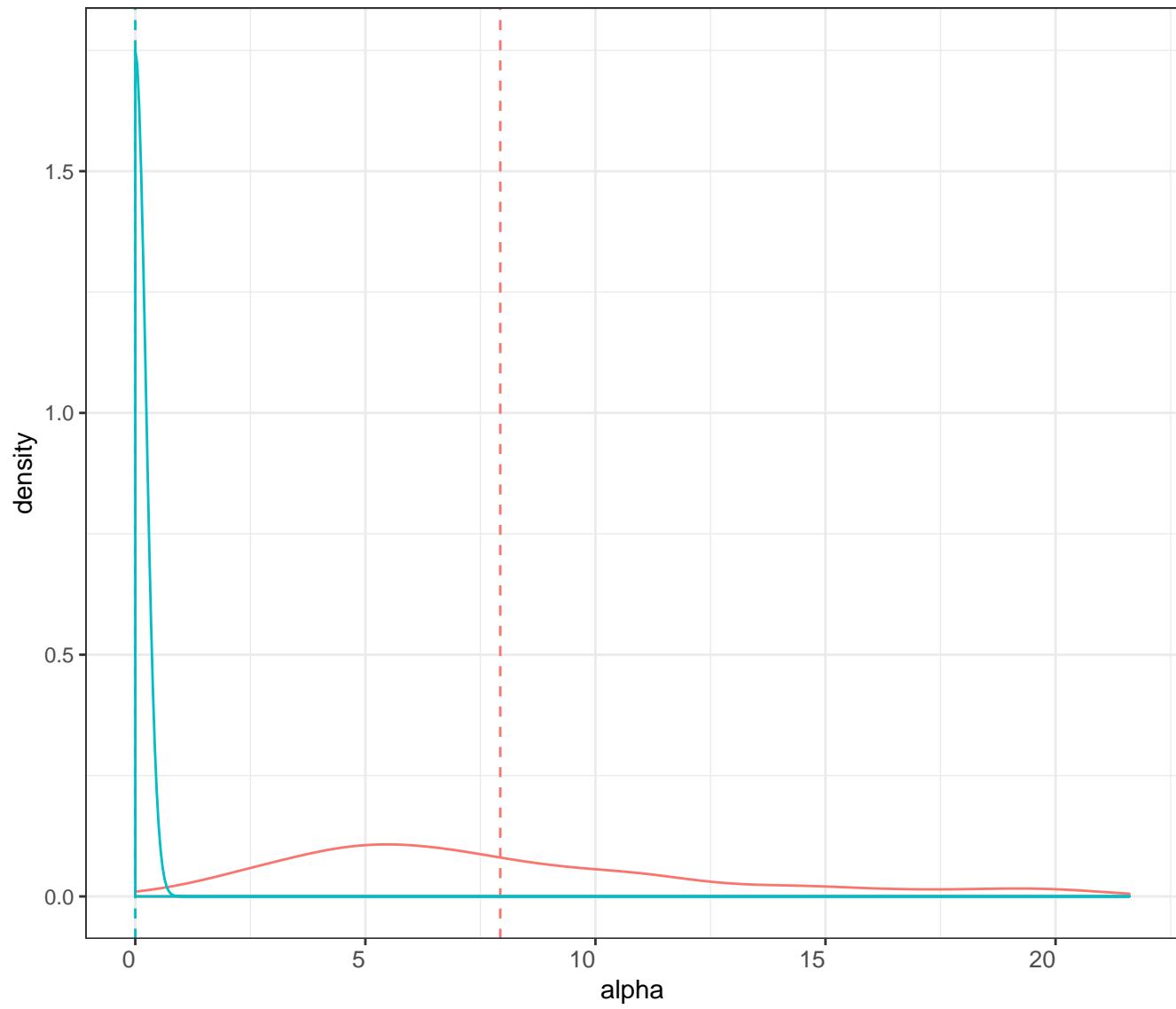
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 r=20 true K=4 type=4

Trace plot for the number of groups K for S=80 r=20 true K=4 type=4



Distribution alpha: S=80 ,r=20 true gr K=4 ,type=4 ,N=204

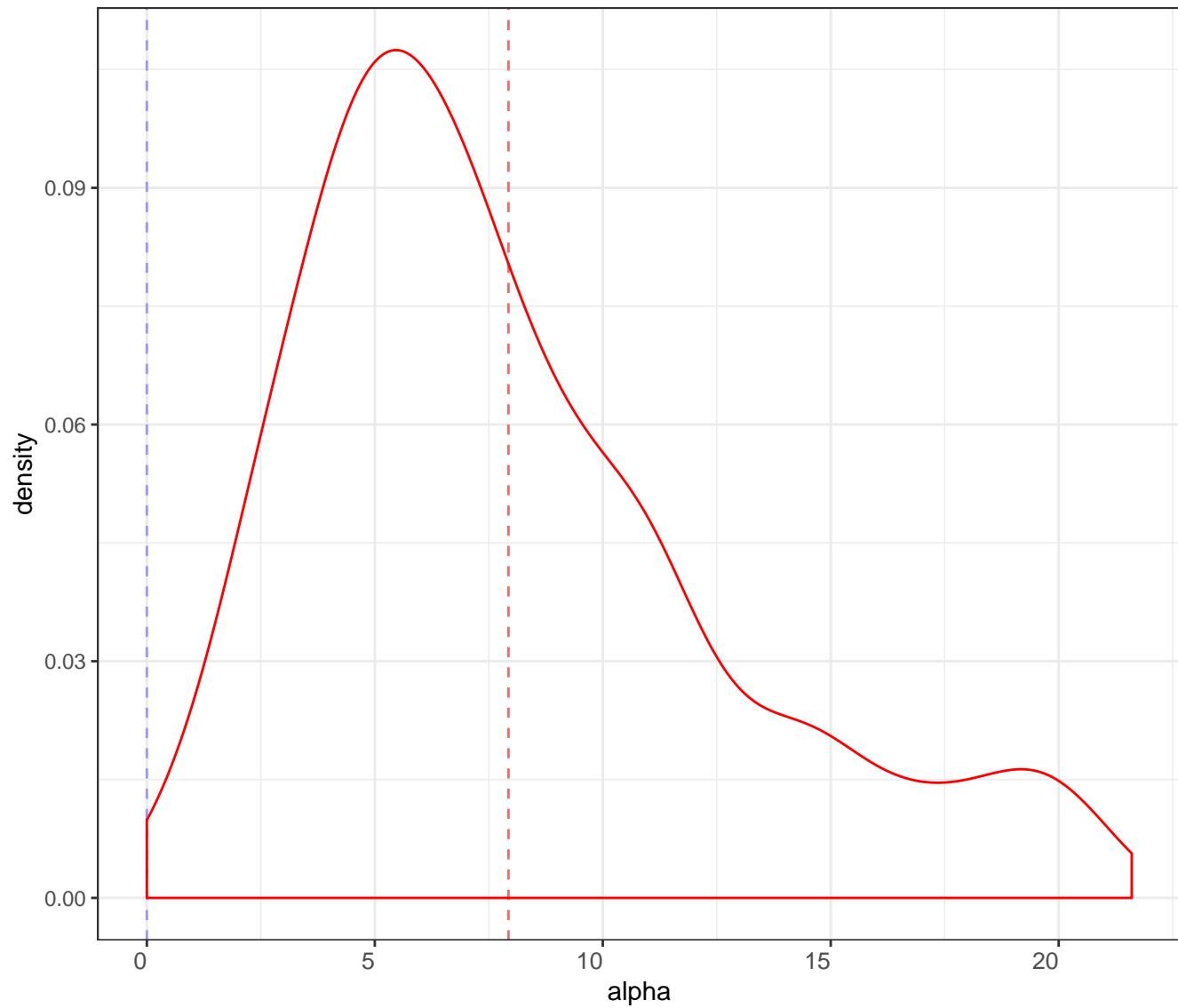
type [] posterior [] prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

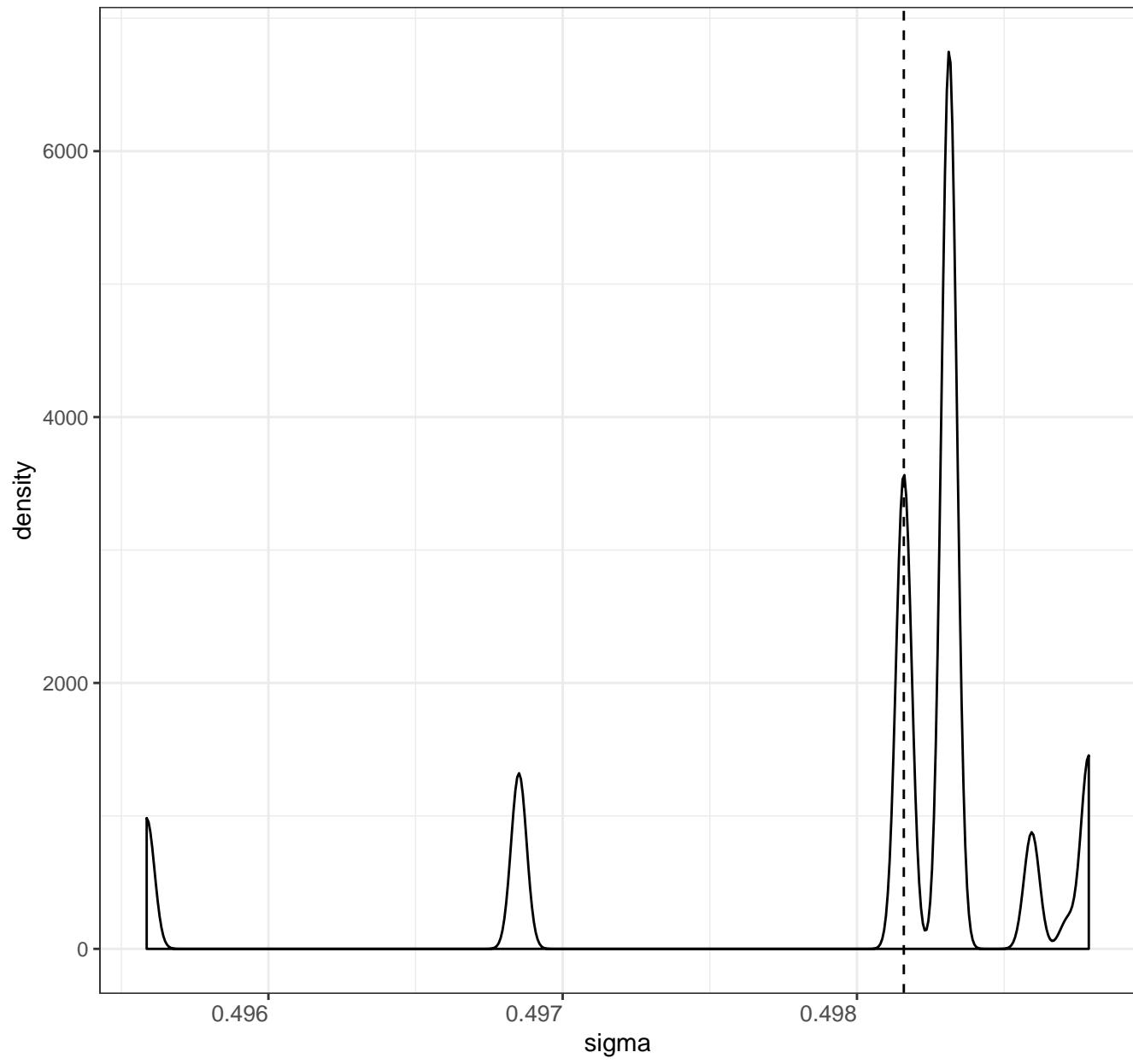
Posterior distribution for alpha

Legend | posterior mean | prior mean



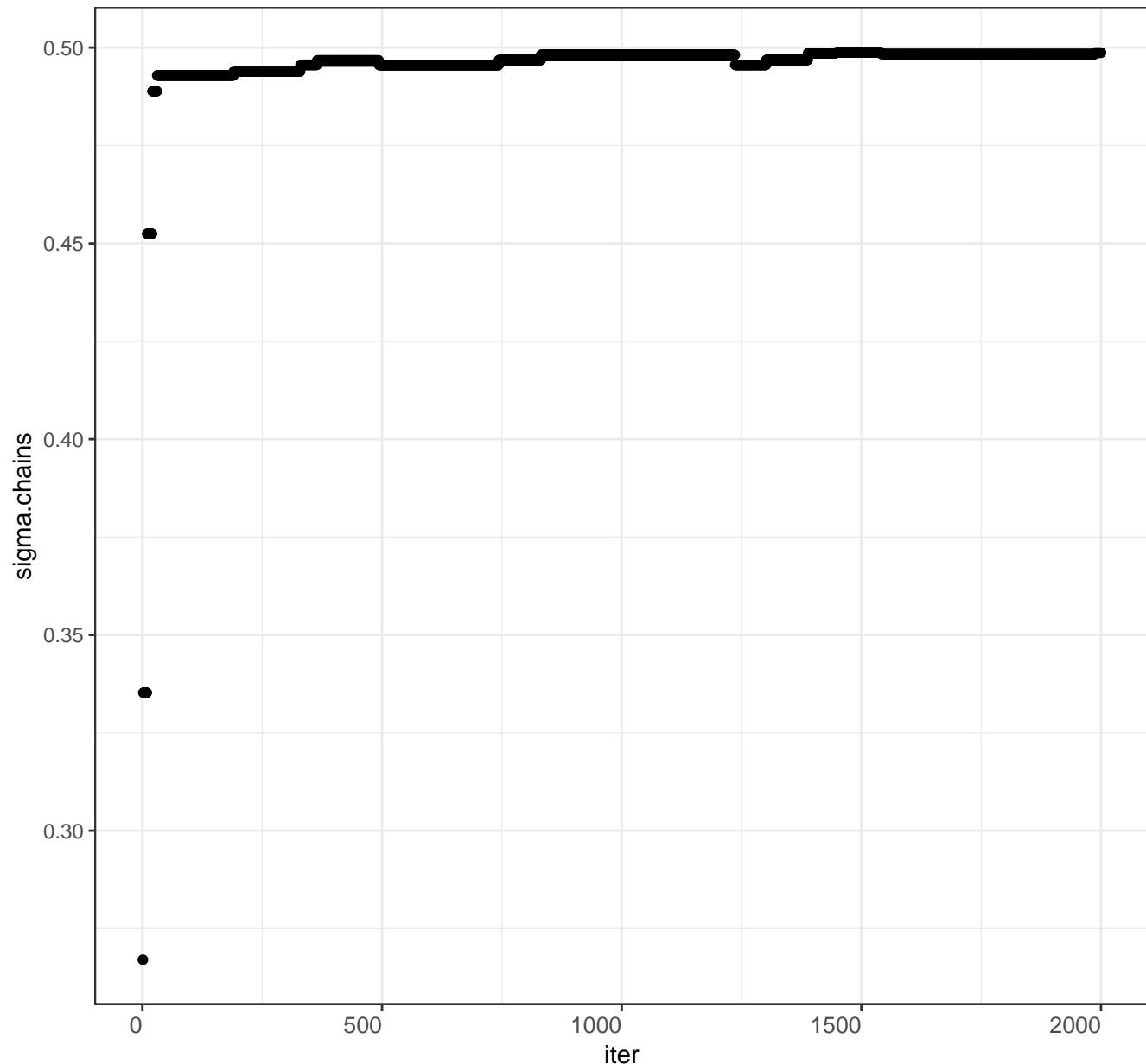
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=20 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=80 ,r=20 true gr K=4 ,type=4 ,N=204



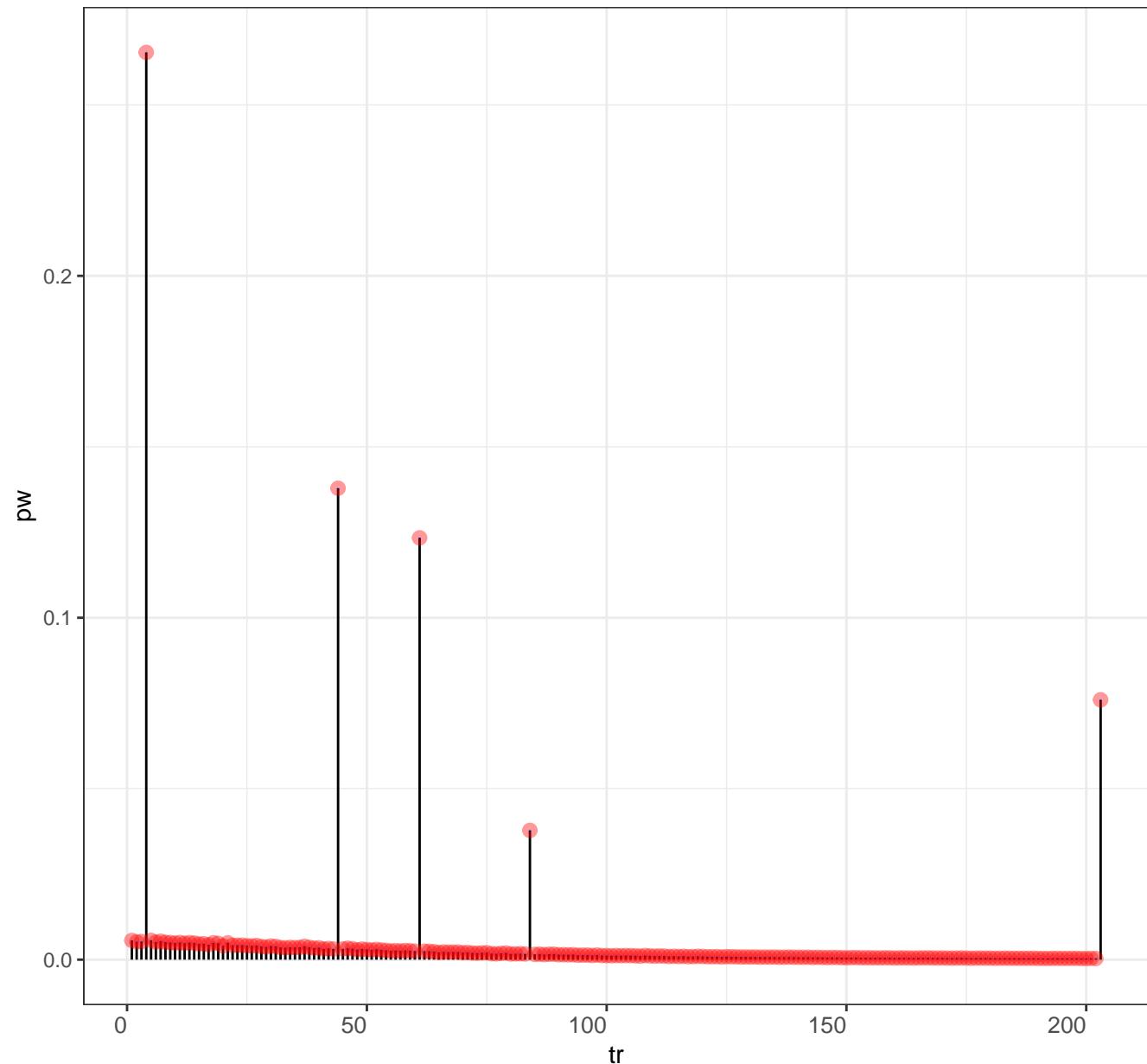
Number of iterations: 2000 burnin: 1000 number of samples: 500

Trace plot for the sigma for S=80 r=20 true K=4 type=4



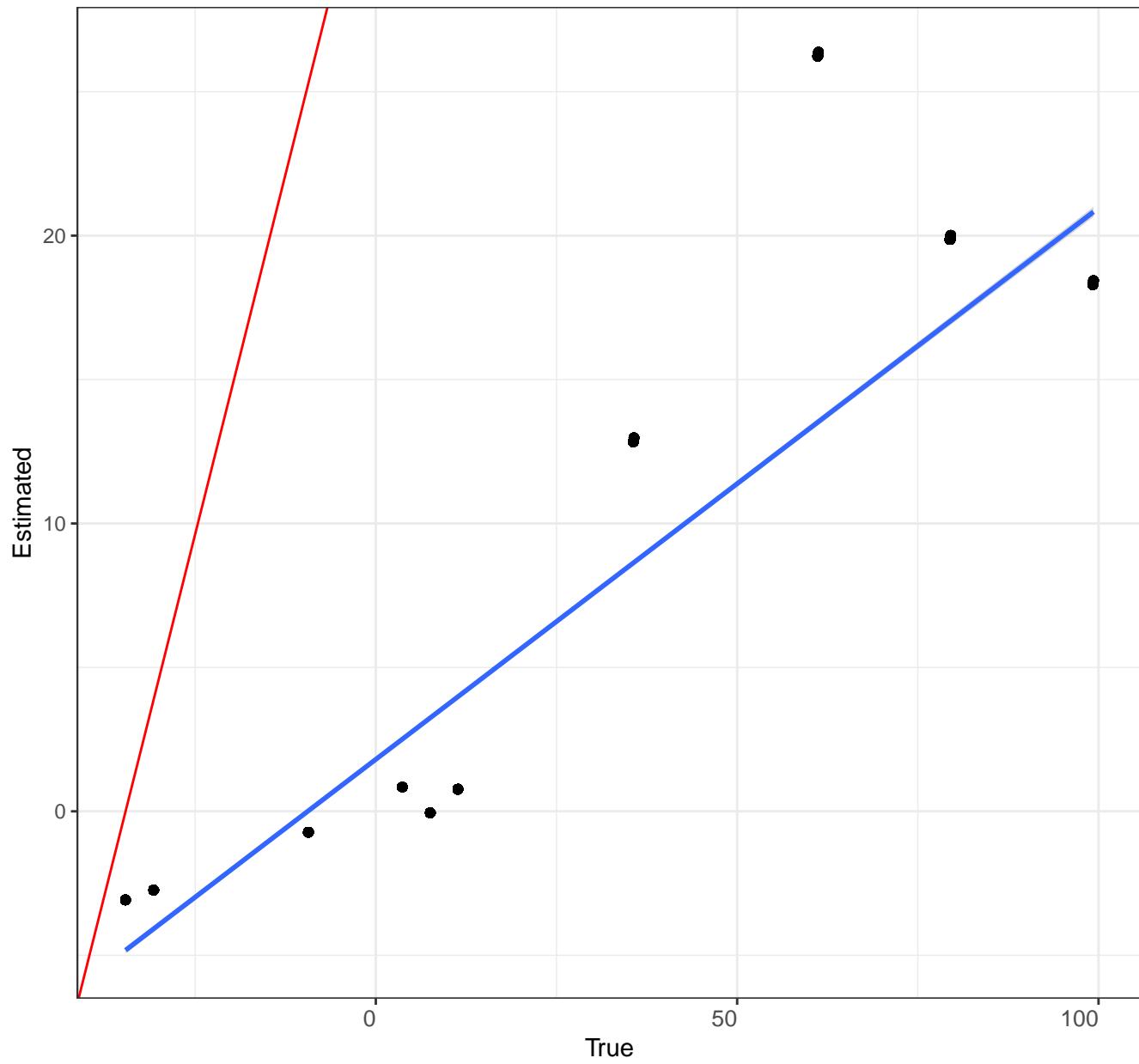
Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=80 ,r=20 true gr K=4 ,type=4 ,N=204 pN=0.076



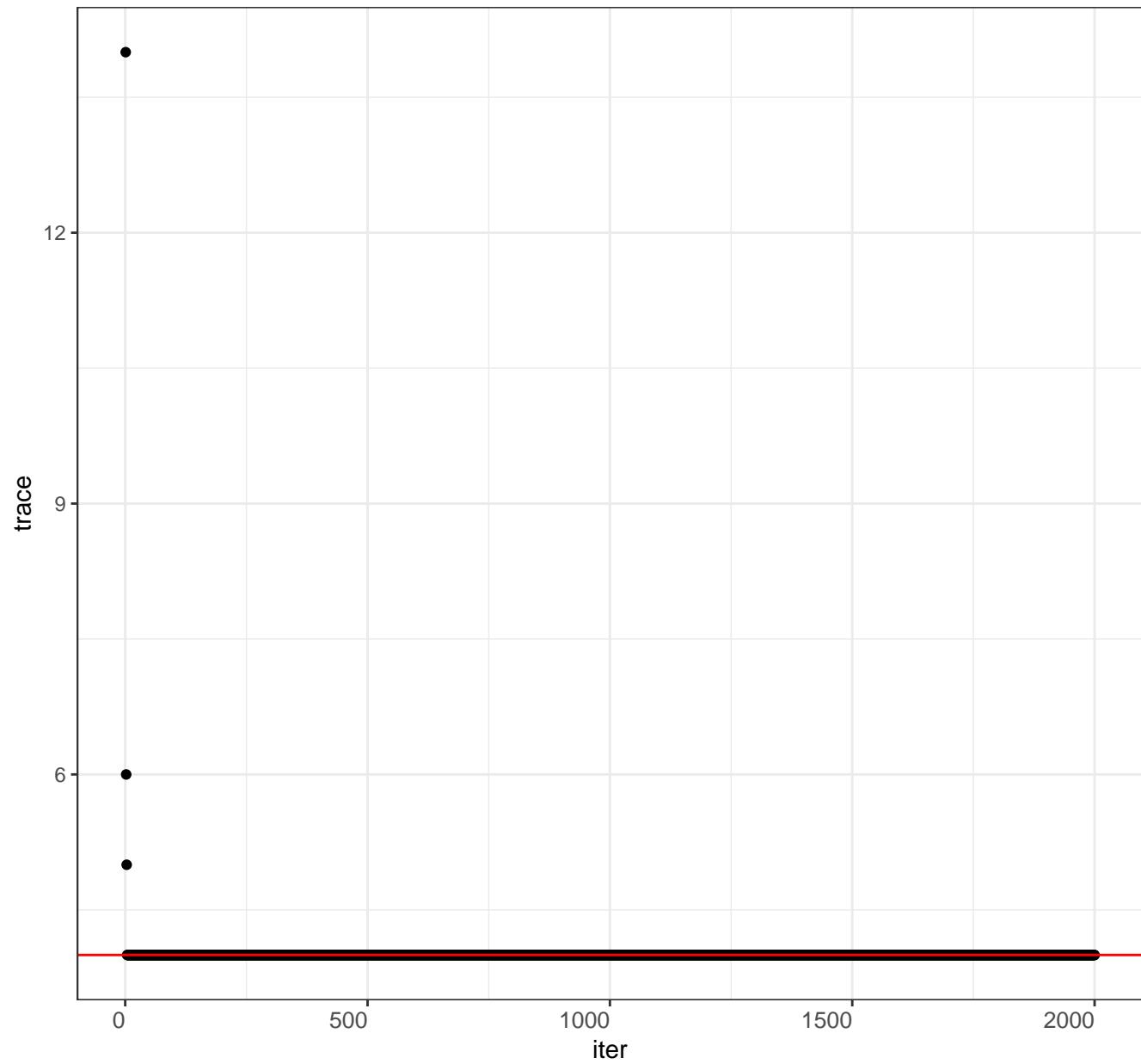
Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 r=20 true K=4 type=4

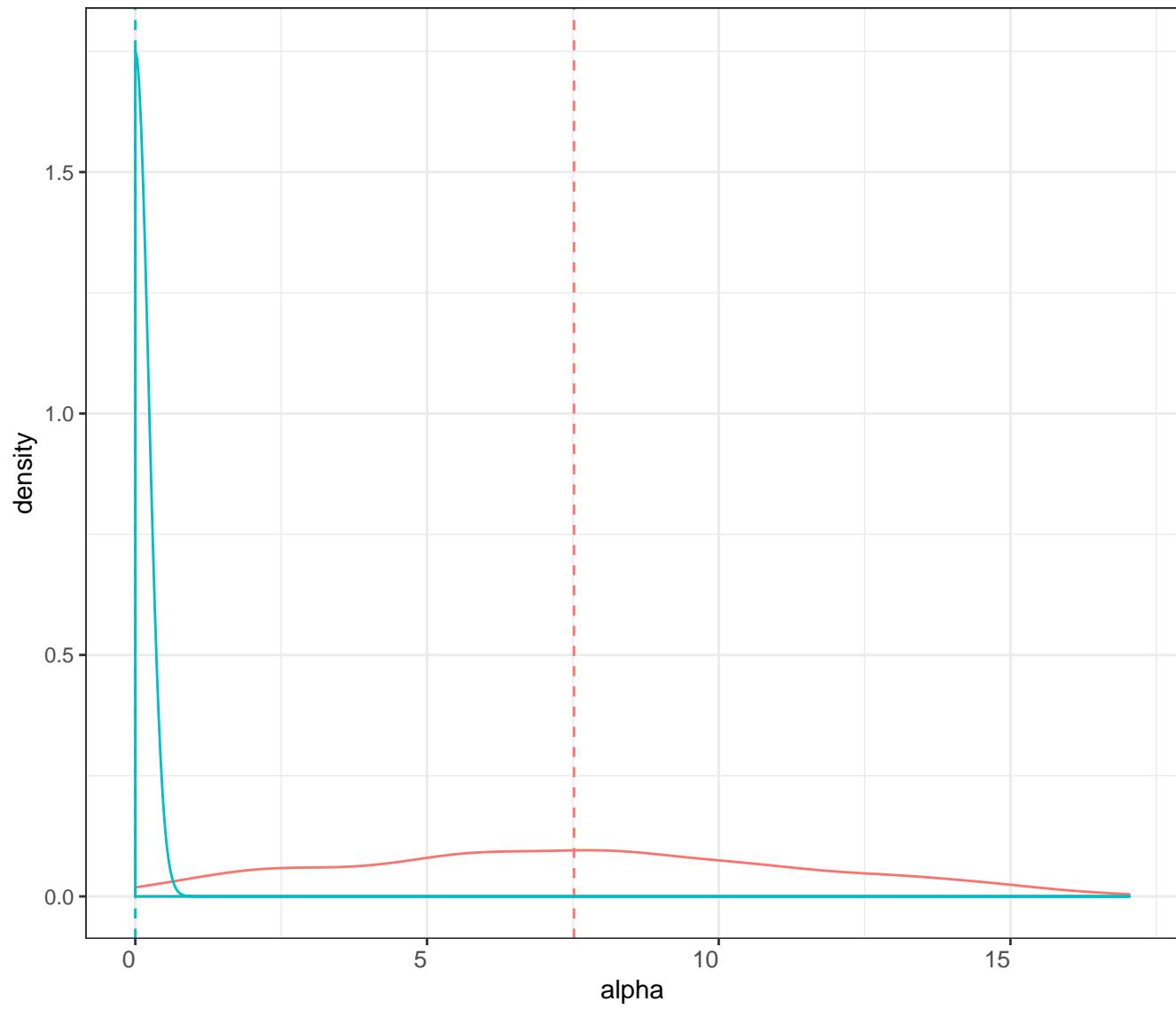
Trace plot for the number of groups K for S=80 r=20 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=80 ,r=20 true gr K=4 ,type=4 ,N=204

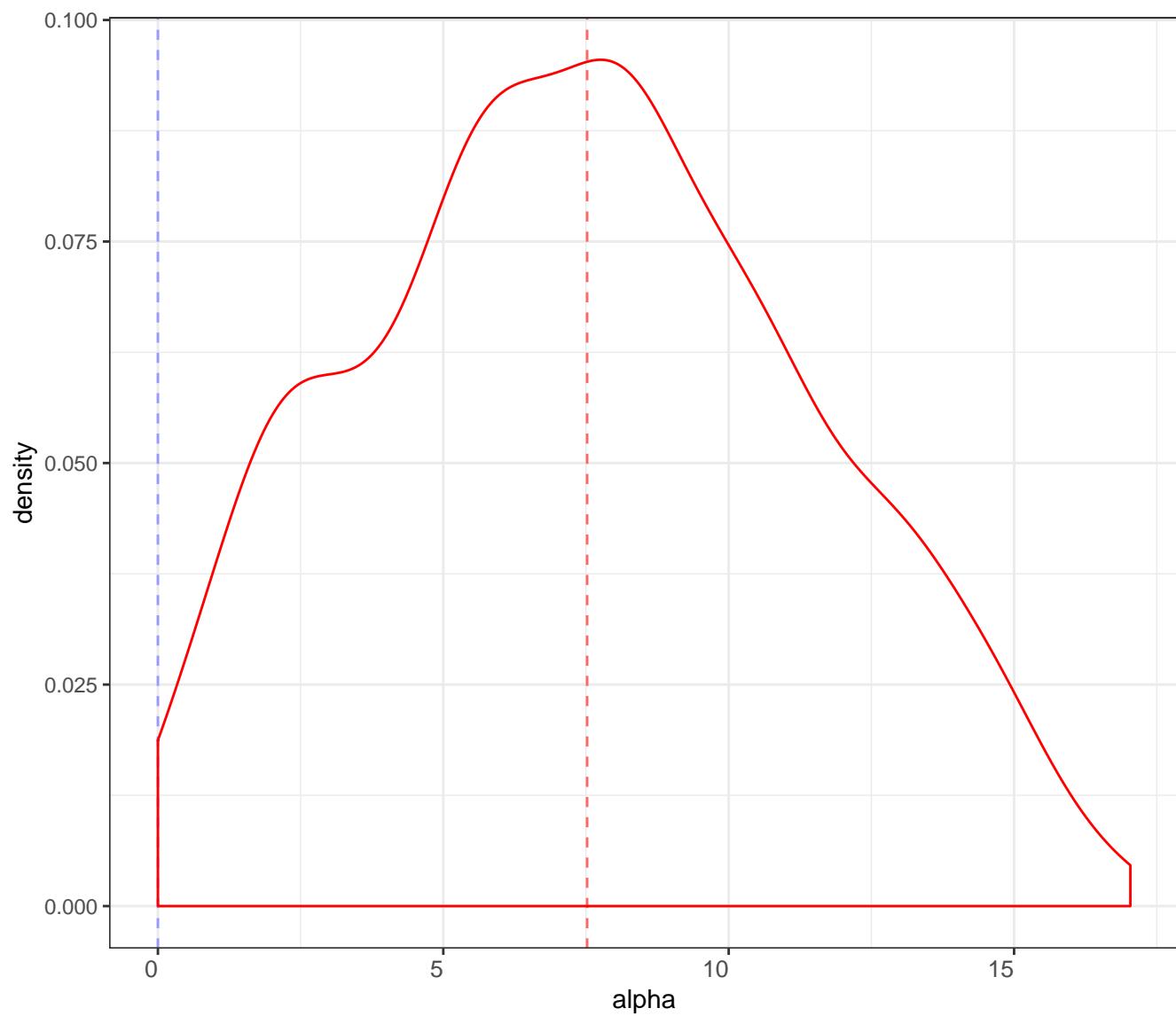
type [] posterior [] prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

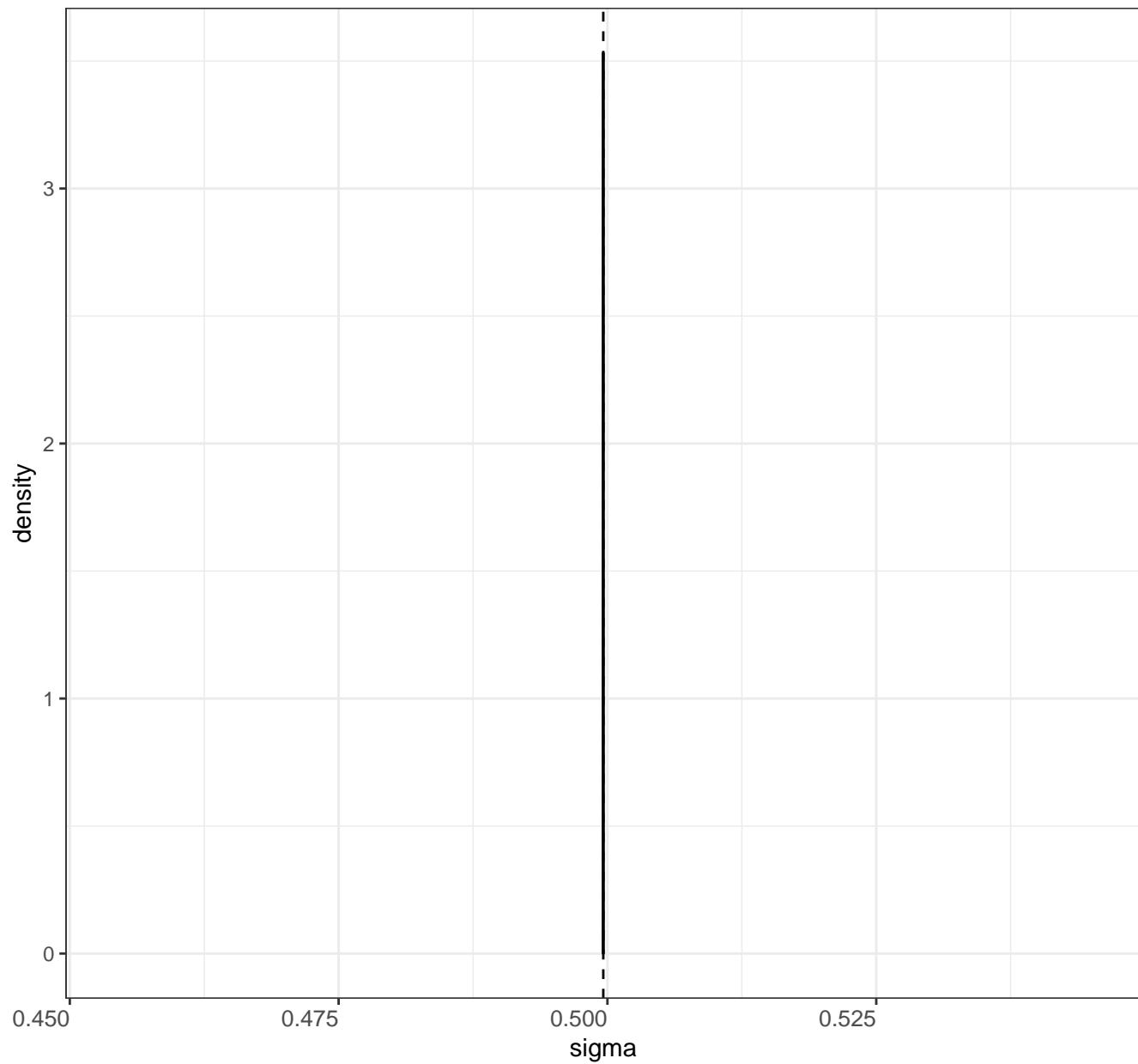
Posterior distribution for alpha

Legend | posterior mean | prior mean



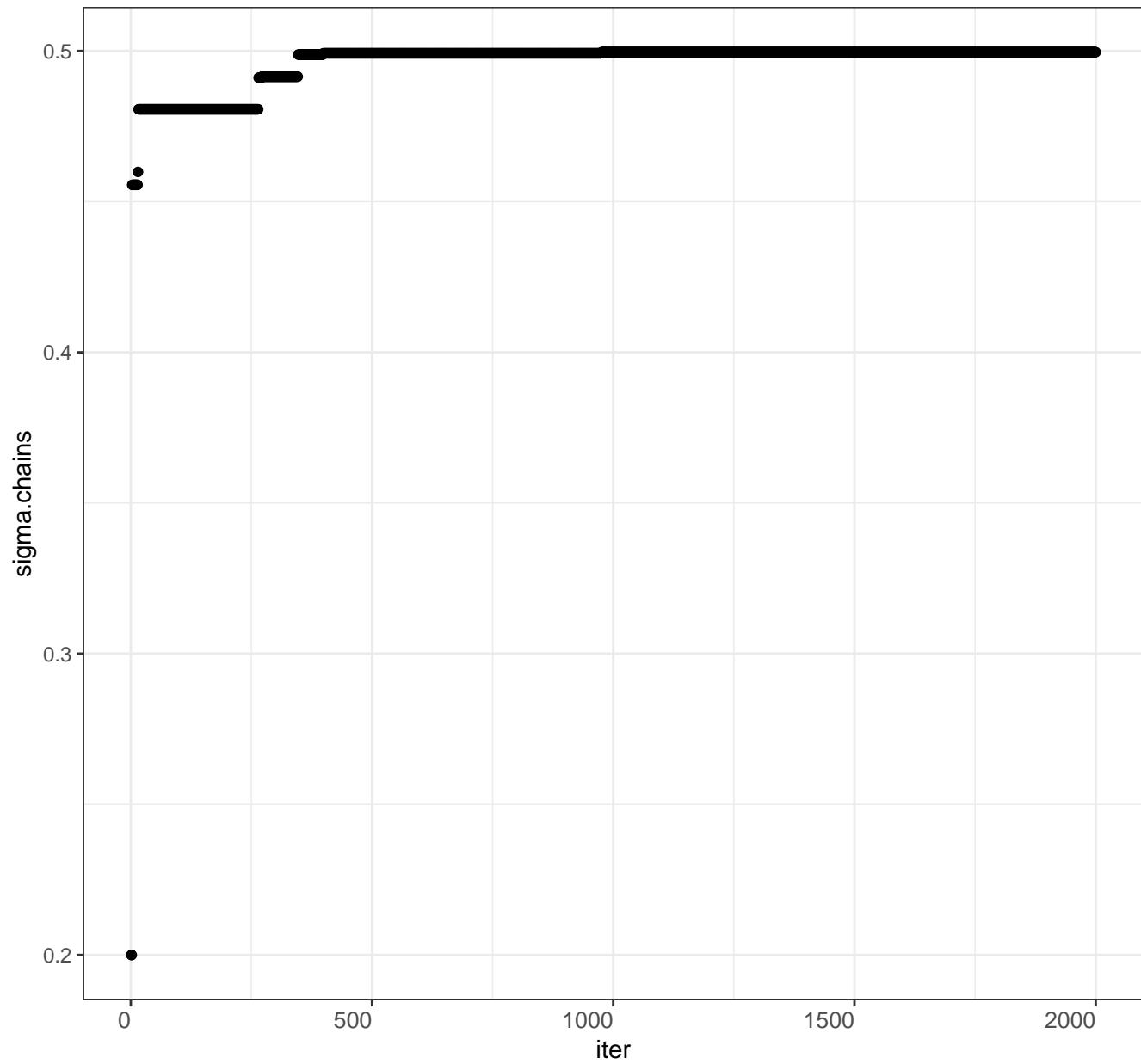
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=20 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=80 ,r=20 true gr K=4 ,type=4 ,N=204



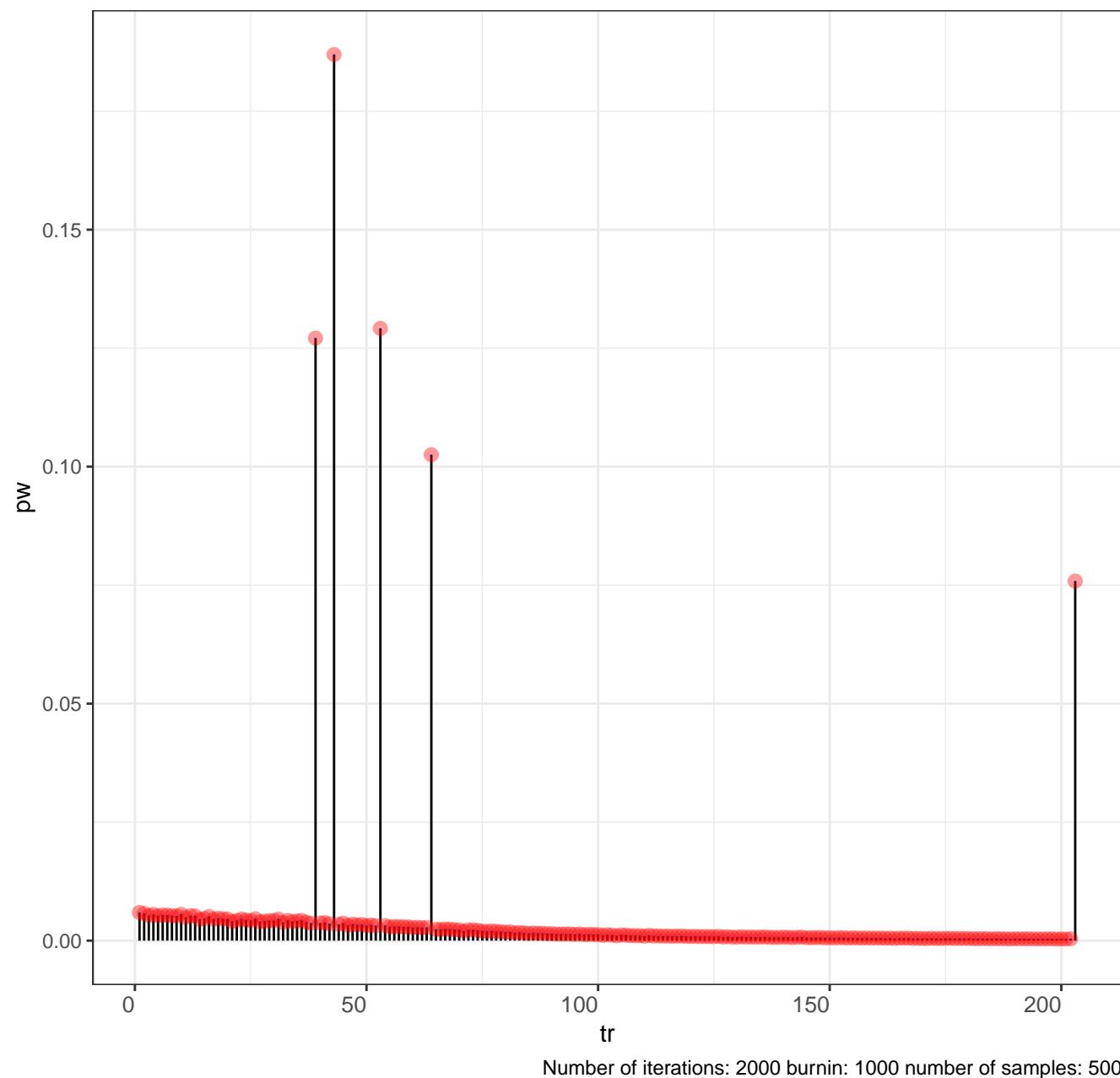
Number of iterations: 2000 burnin: 1000 number of samples: 500

Trace plot for the sigma for S=80 r=20 true K=4 type=4

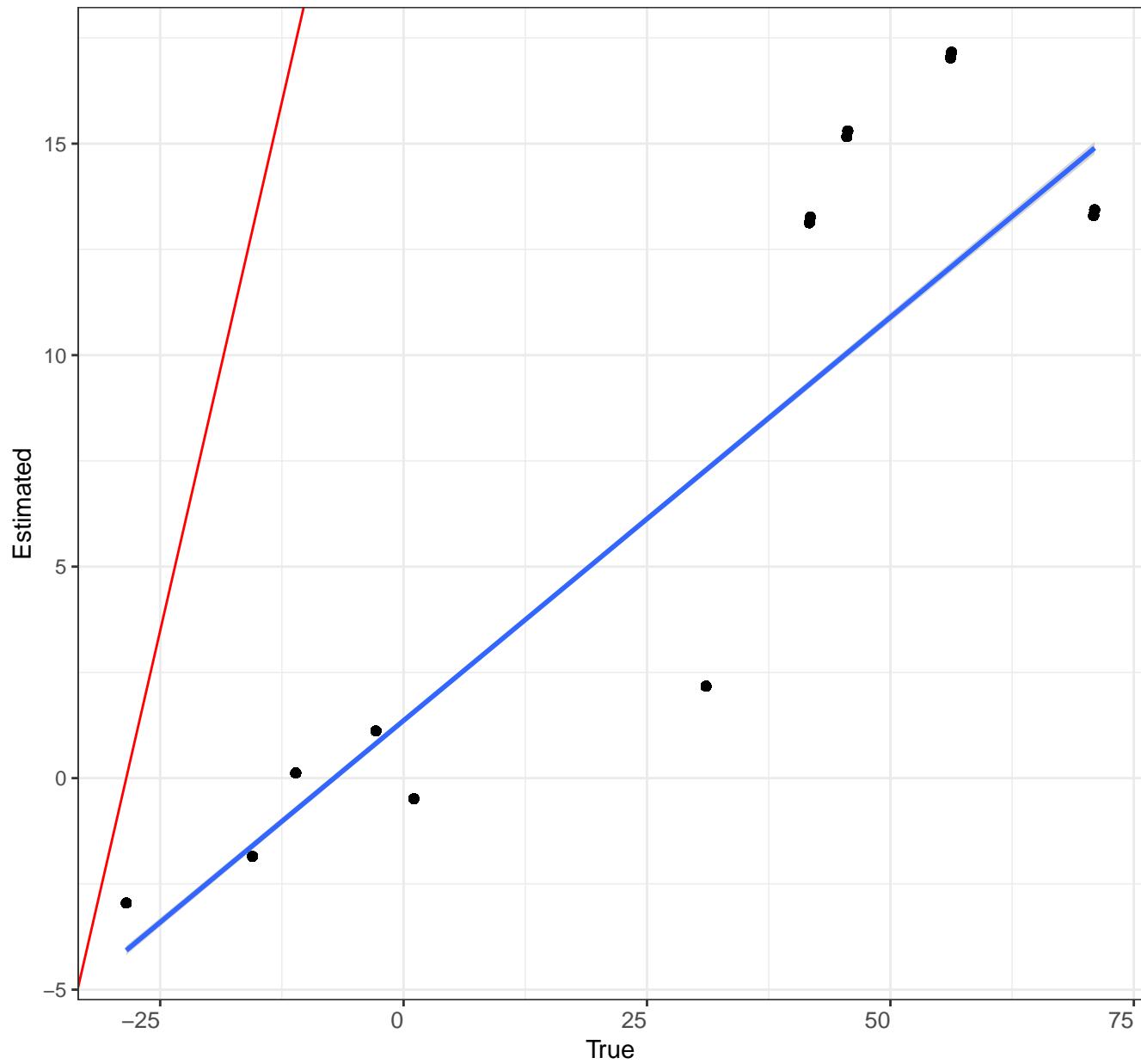


Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=80 ,r=20 true gr K=4 ,type=4 ,N=204 pN=0.076

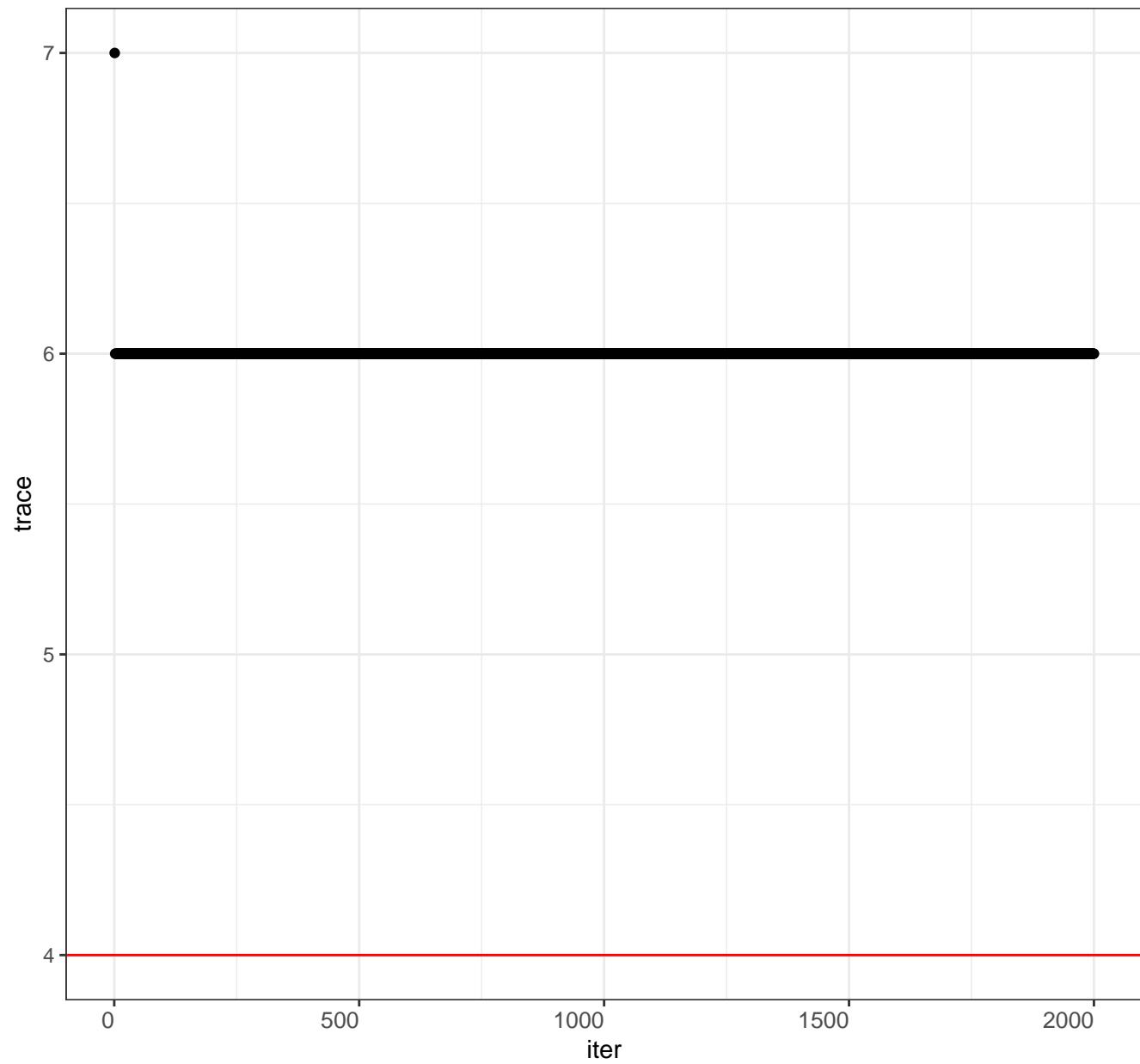


True vs estimated covariance parameters



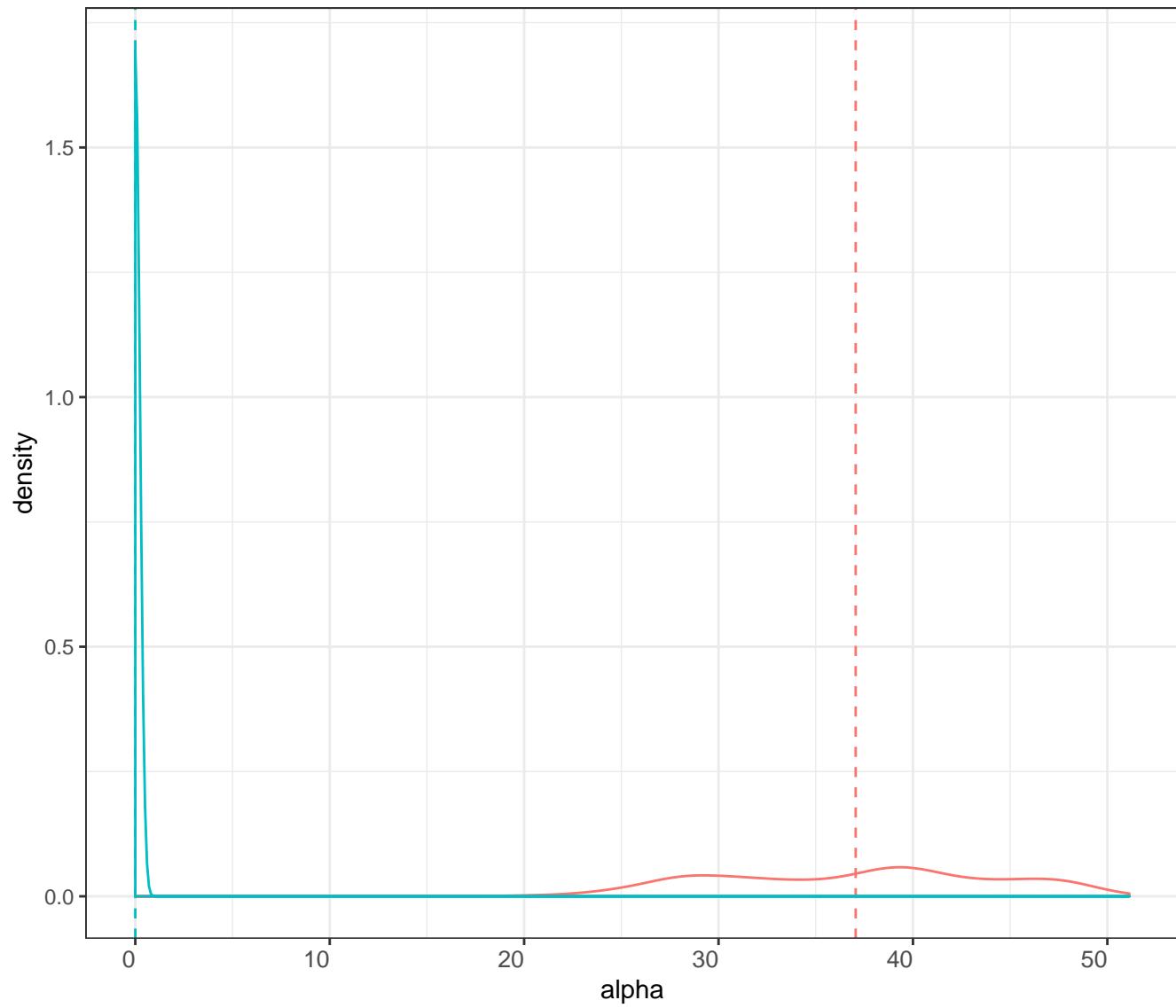
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 r=20 true K=4 type=4

Trace plot for the number of groups K for S=80 r=20 true K=4 type=4



Distribution alpha: S=80 ,r=20 true gr K=4 ,type=4 ,N=204

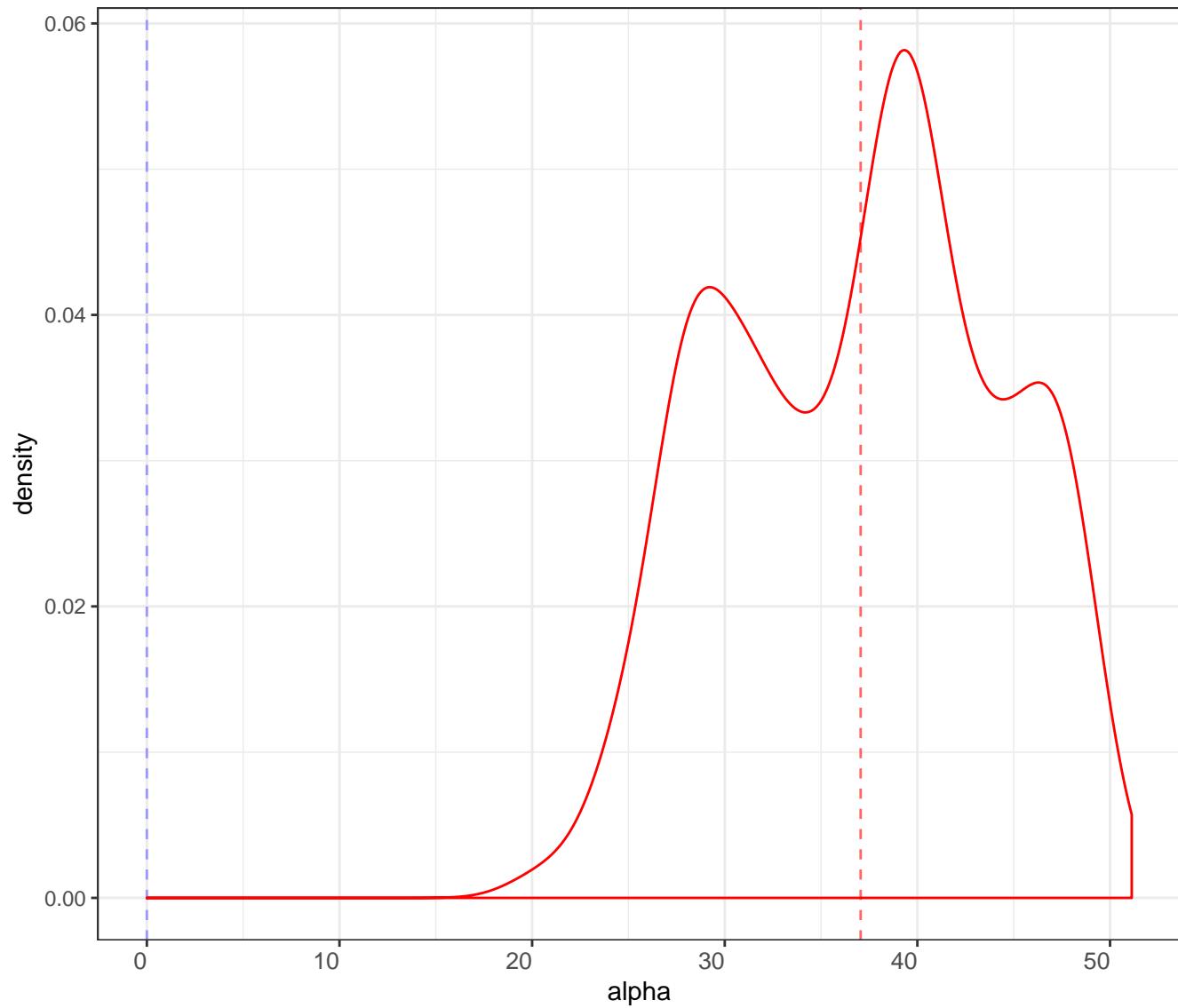
type [] posterior [] prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

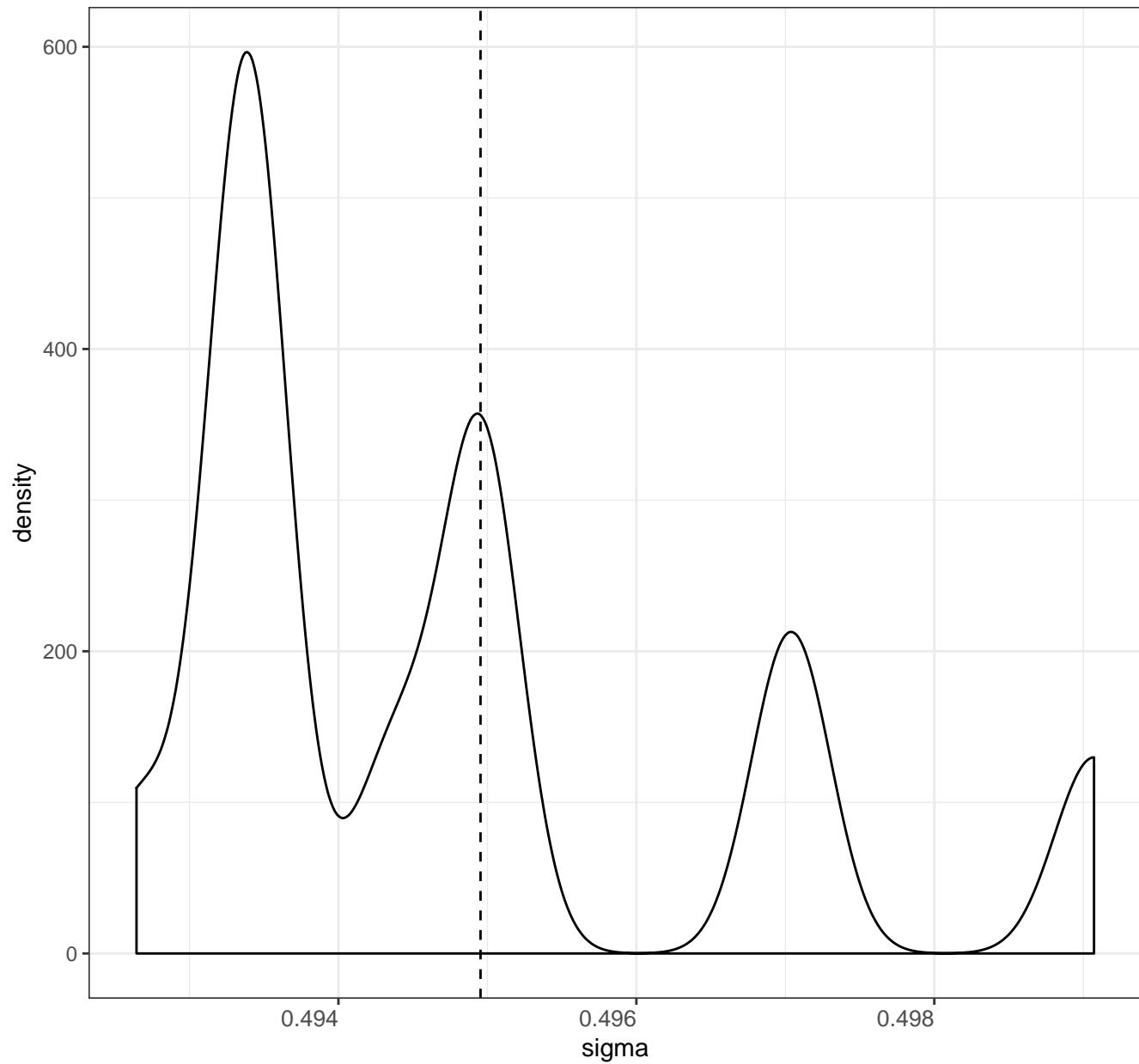
Posterior distribution for alpha

Legend | posterior mean | prior mean

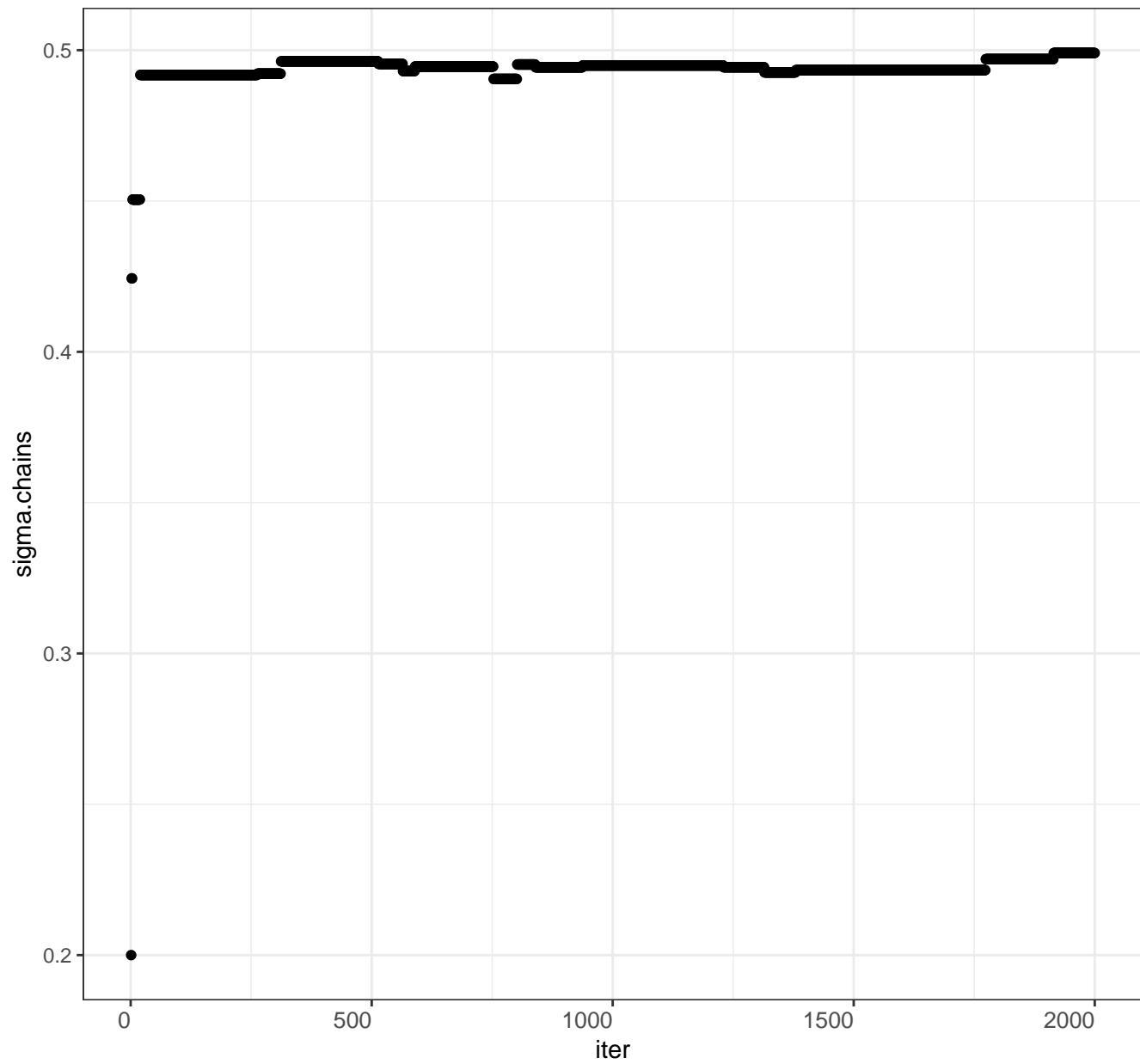


Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=20 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=80 ,r=20 true gr K=4 ,type=4 ,N=204

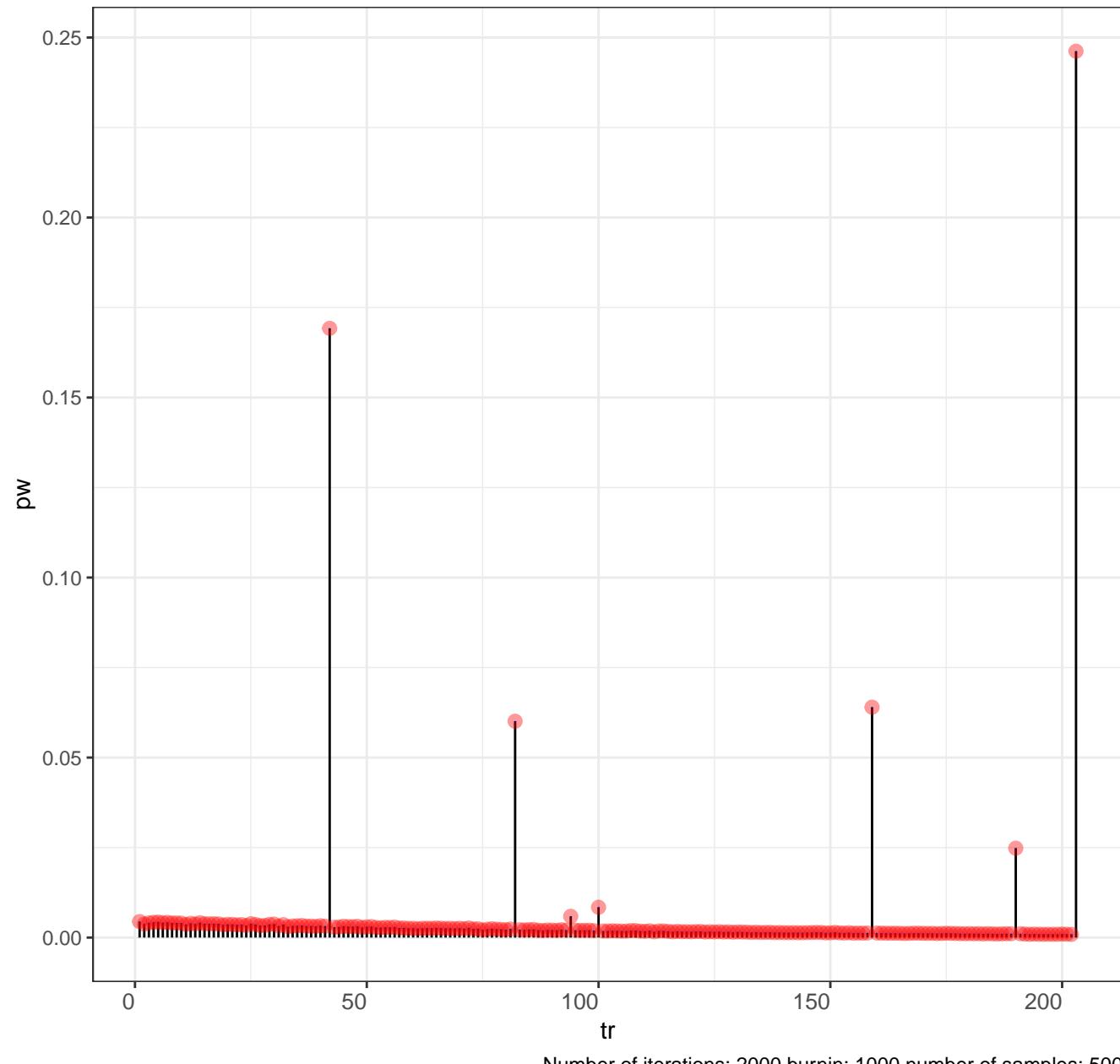


Trace plot for the sigma for S=80 r=20 true K=4 type=4

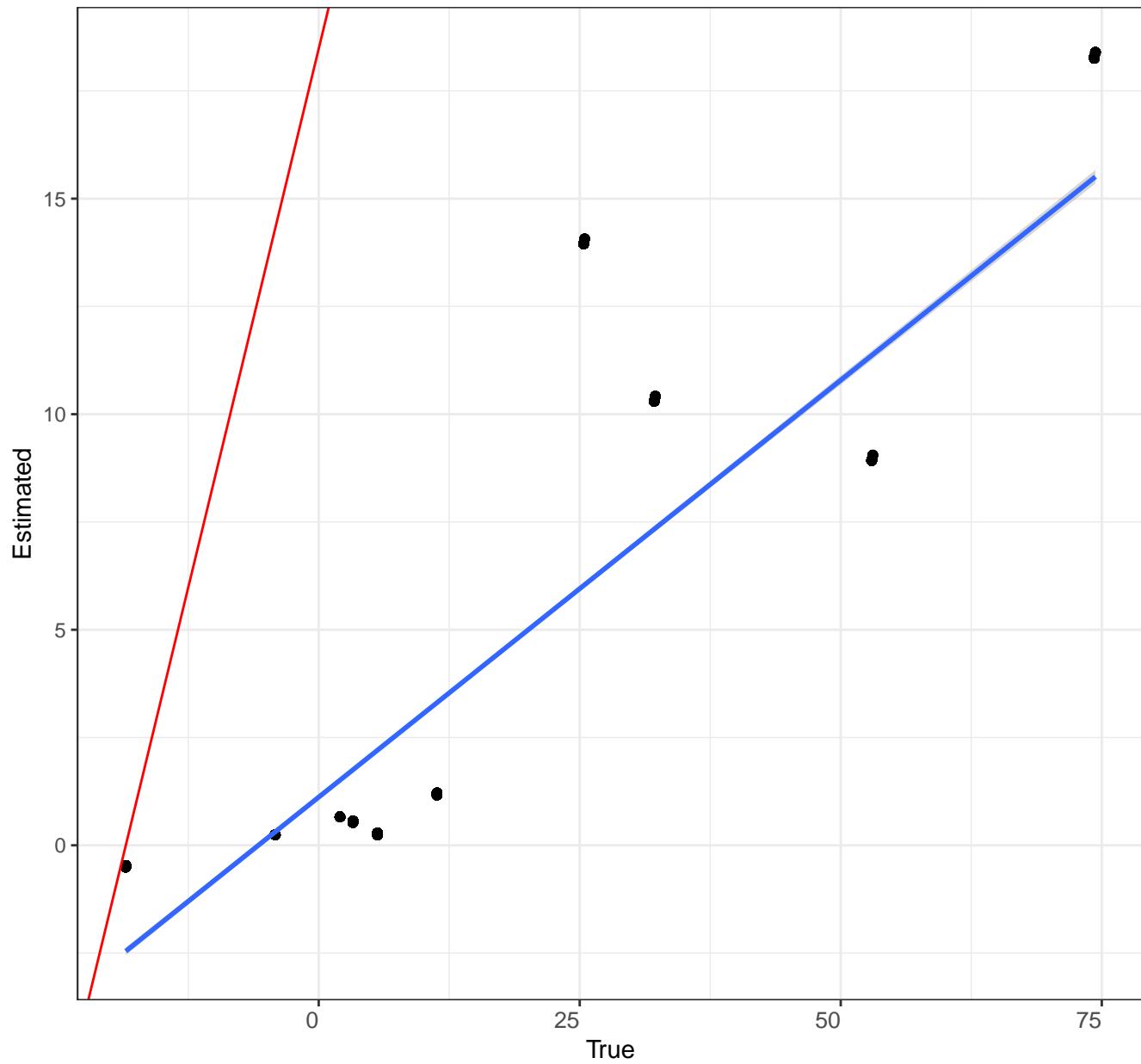


Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=80 ,r=20 true gr K=4 ,type=4 ,N=204 pN=0.246

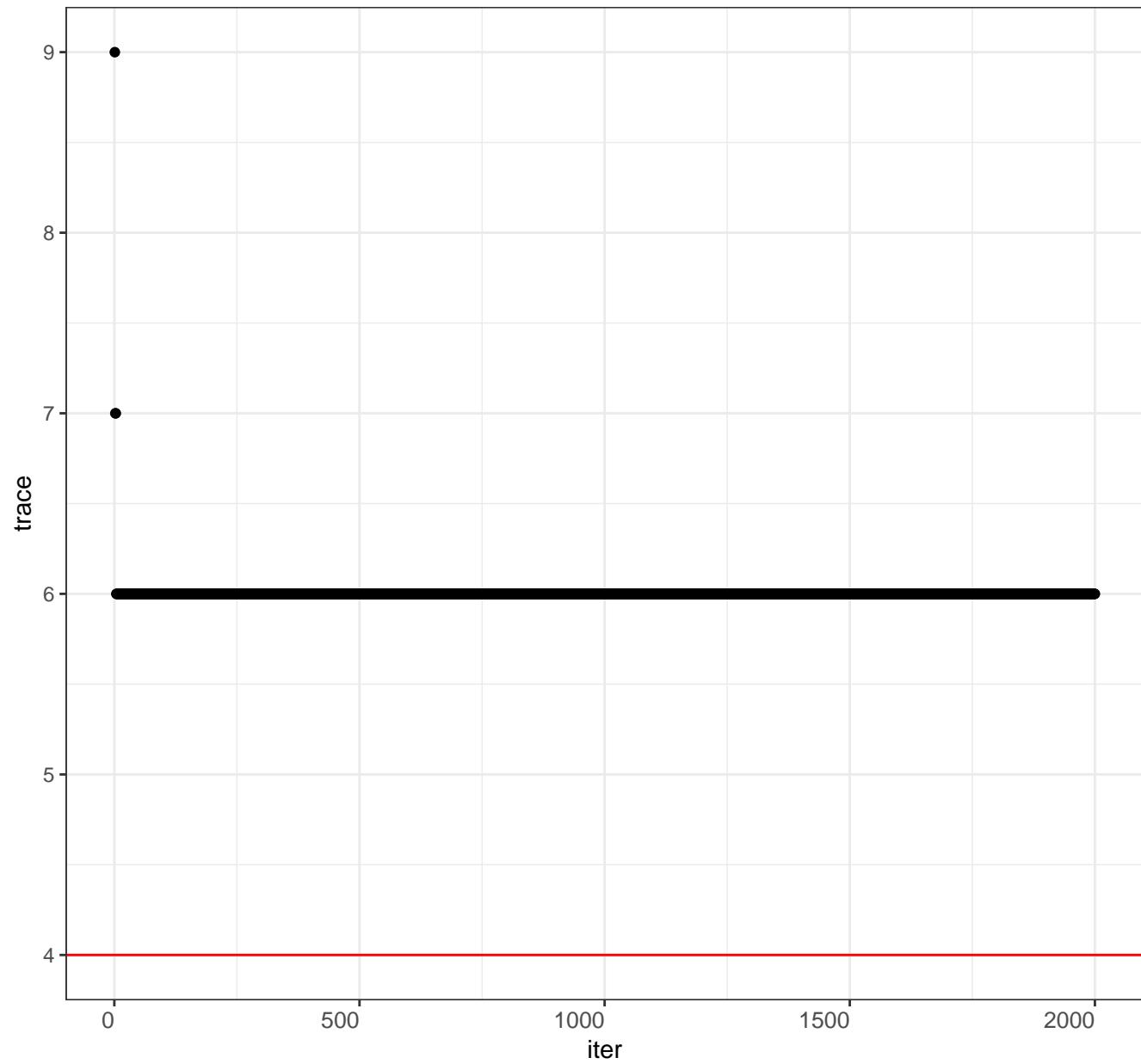


True vs estimated covariance parameters



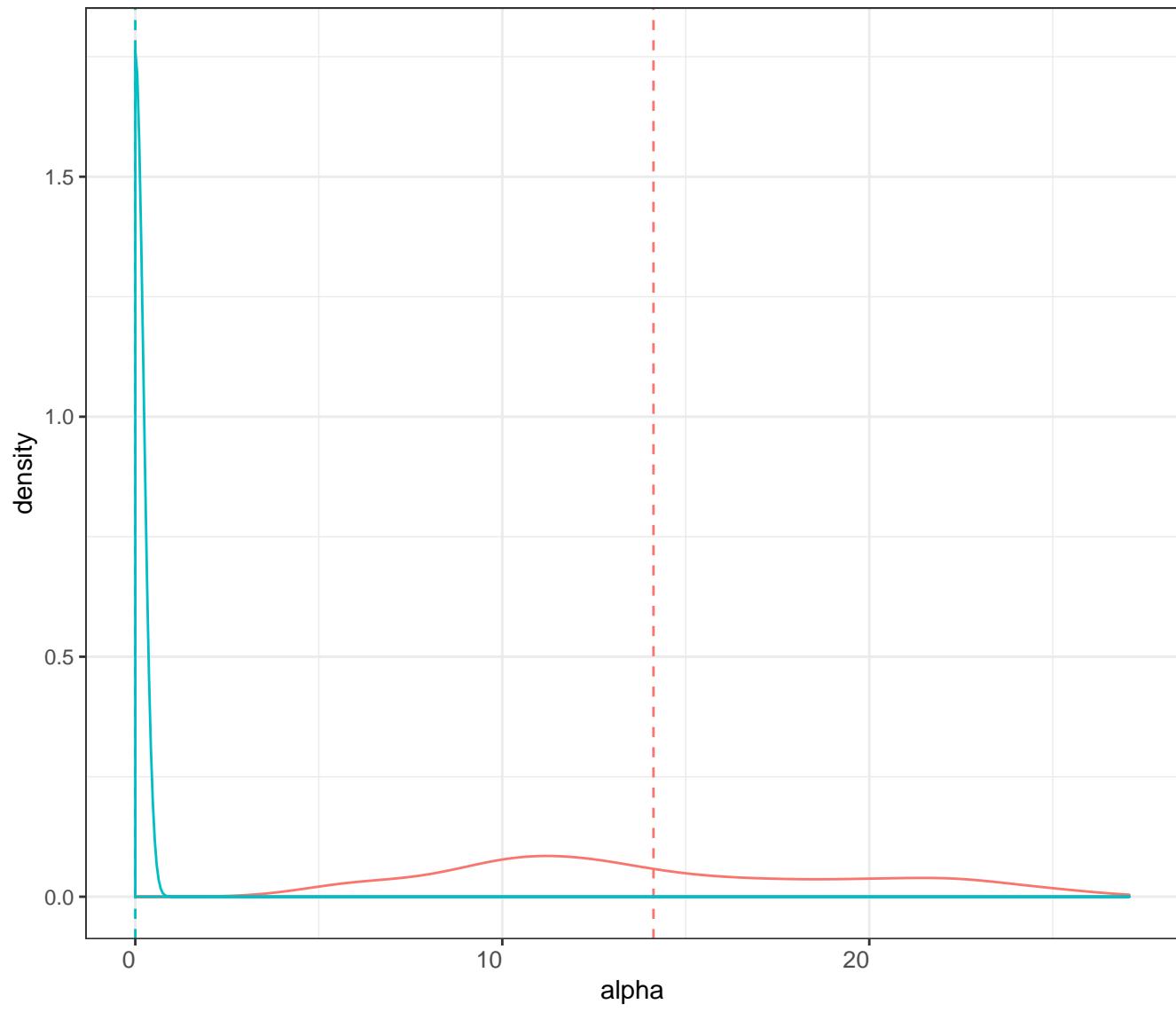
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 r=20 true K=4 type=4

Trace plot for the number of groups K for S=80 r=20 true K=4 type=4



Distribution alpha: S=80 ,r=20 true gr K=4 ,type=4 ,N=204

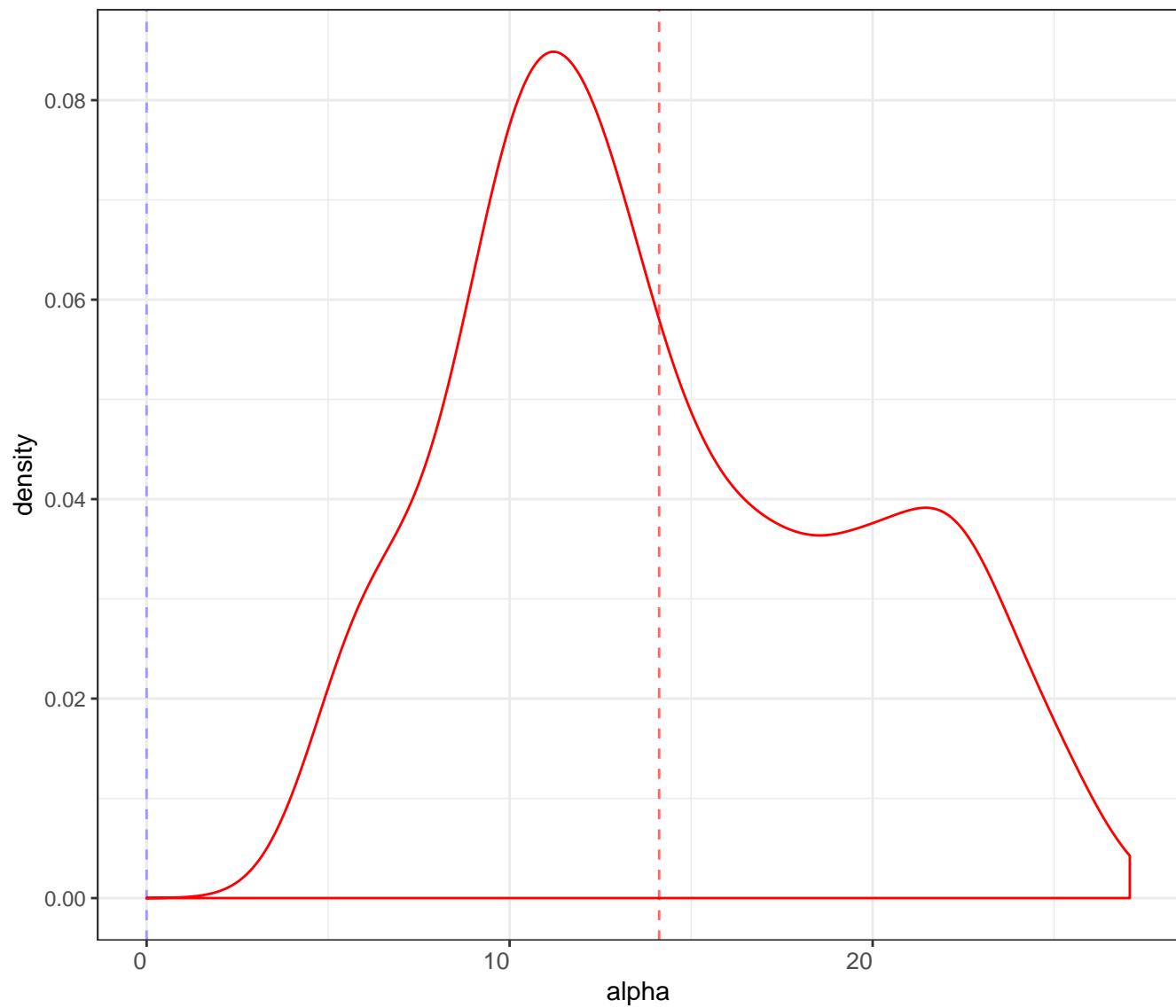
type [] posterior [] prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

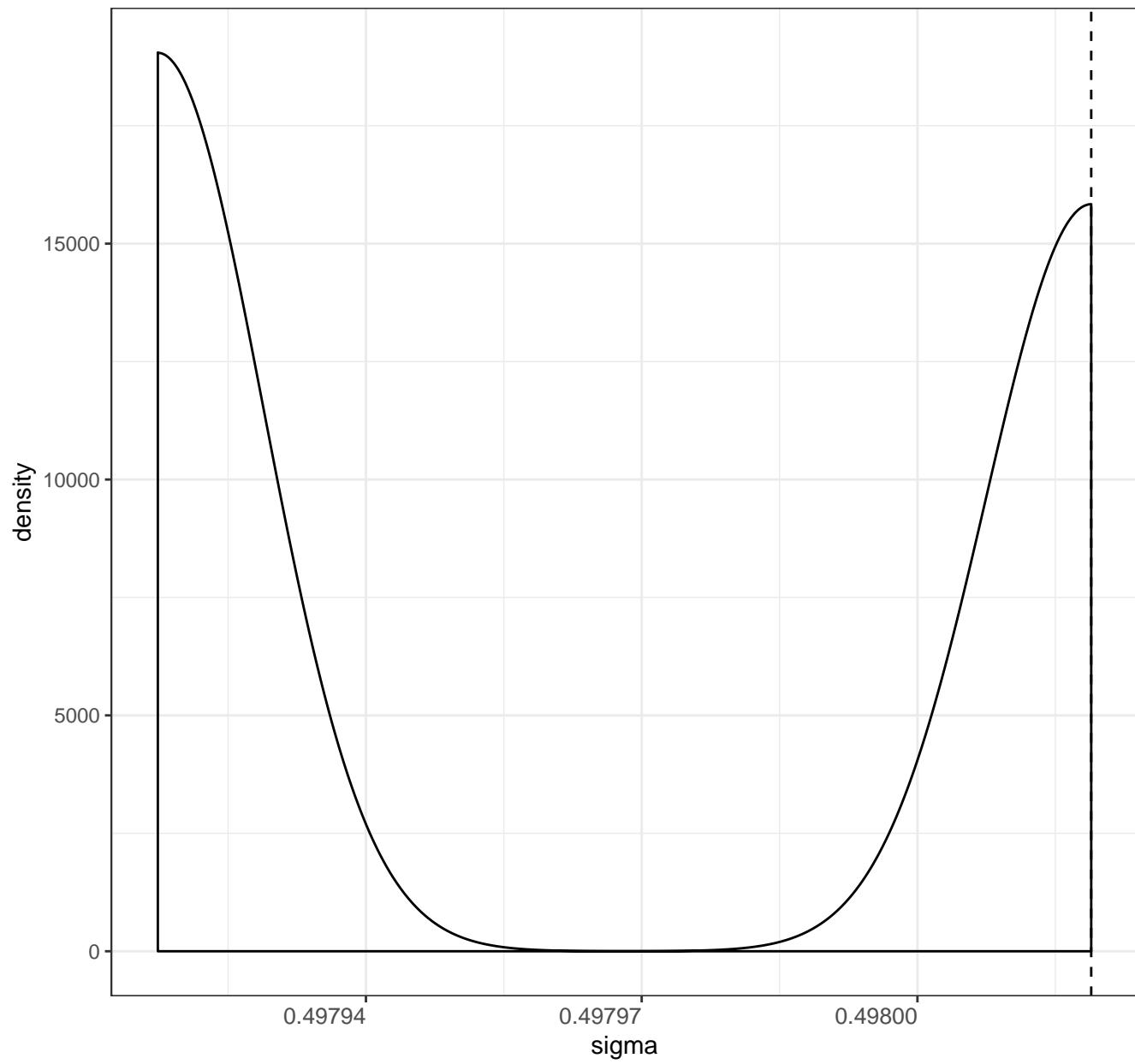
Posterior distribution for alpha

Legend | posterior mean | prior mean



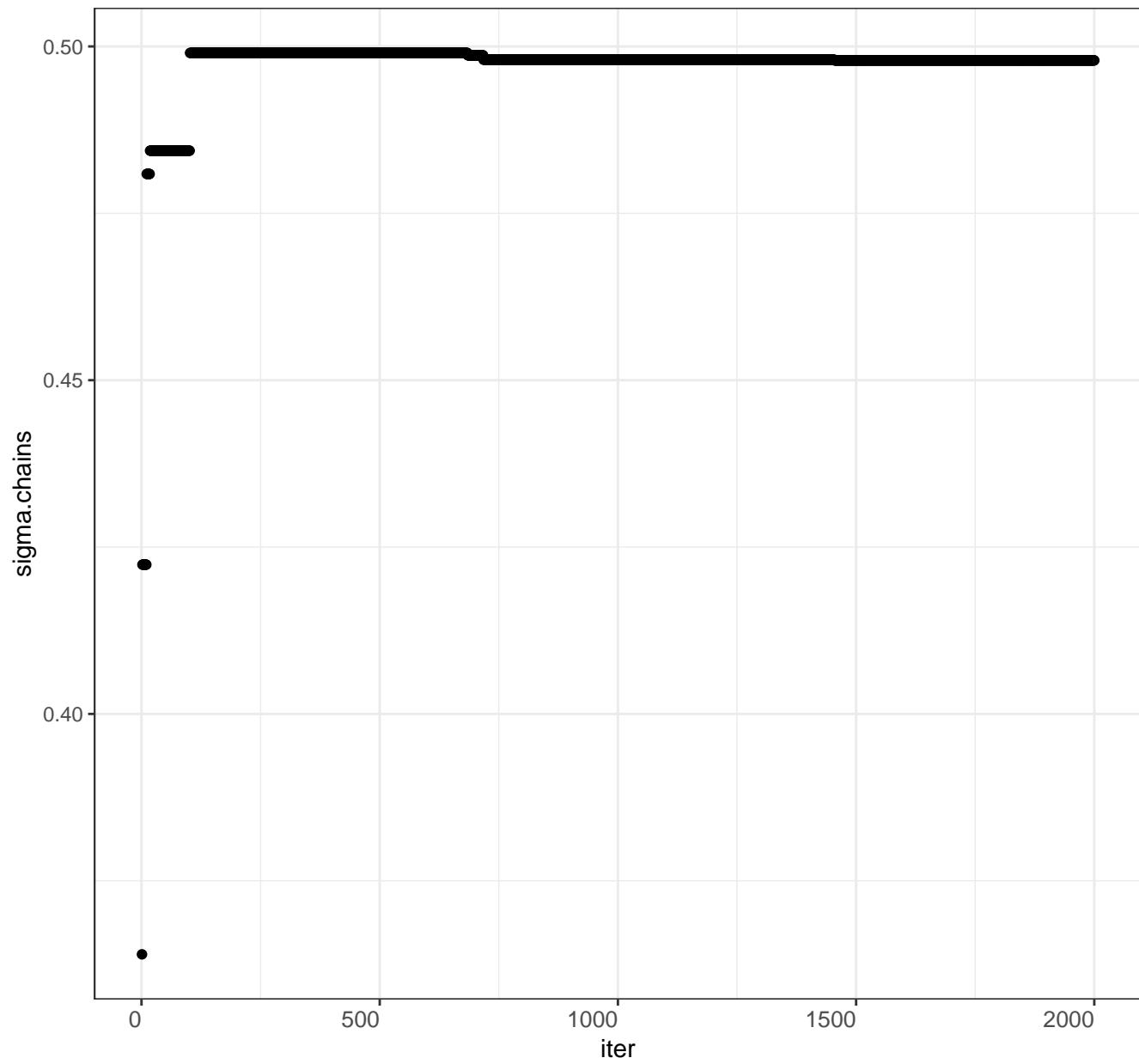
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=20 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=80 ,r=20 true gr K=4 ,type=4 ,N=204



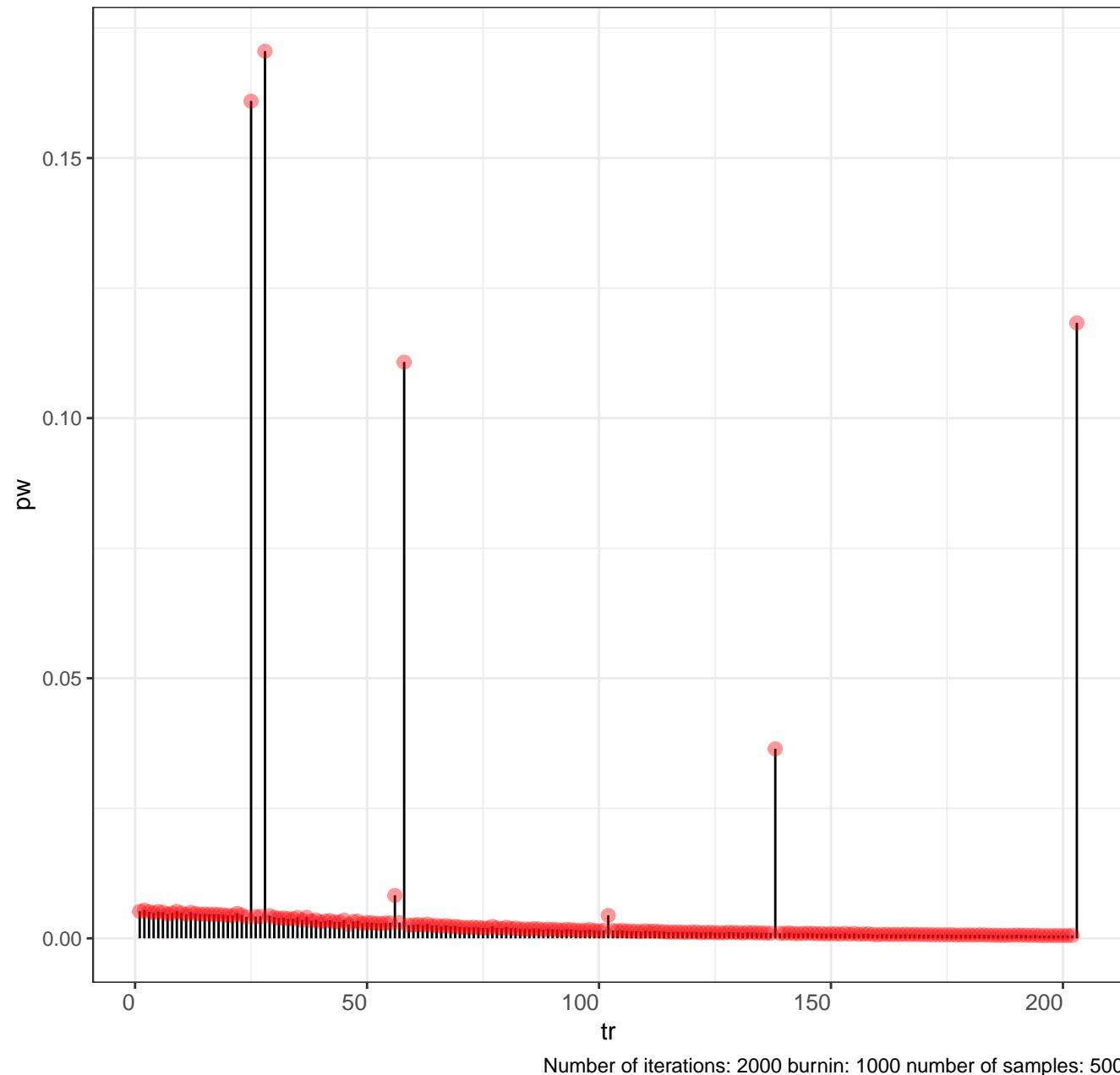
Number of iterations: 2000 burnin: 1000 number of samples: 500

Trace plot for the sigma for S=80 r=20 true K=4 type=4

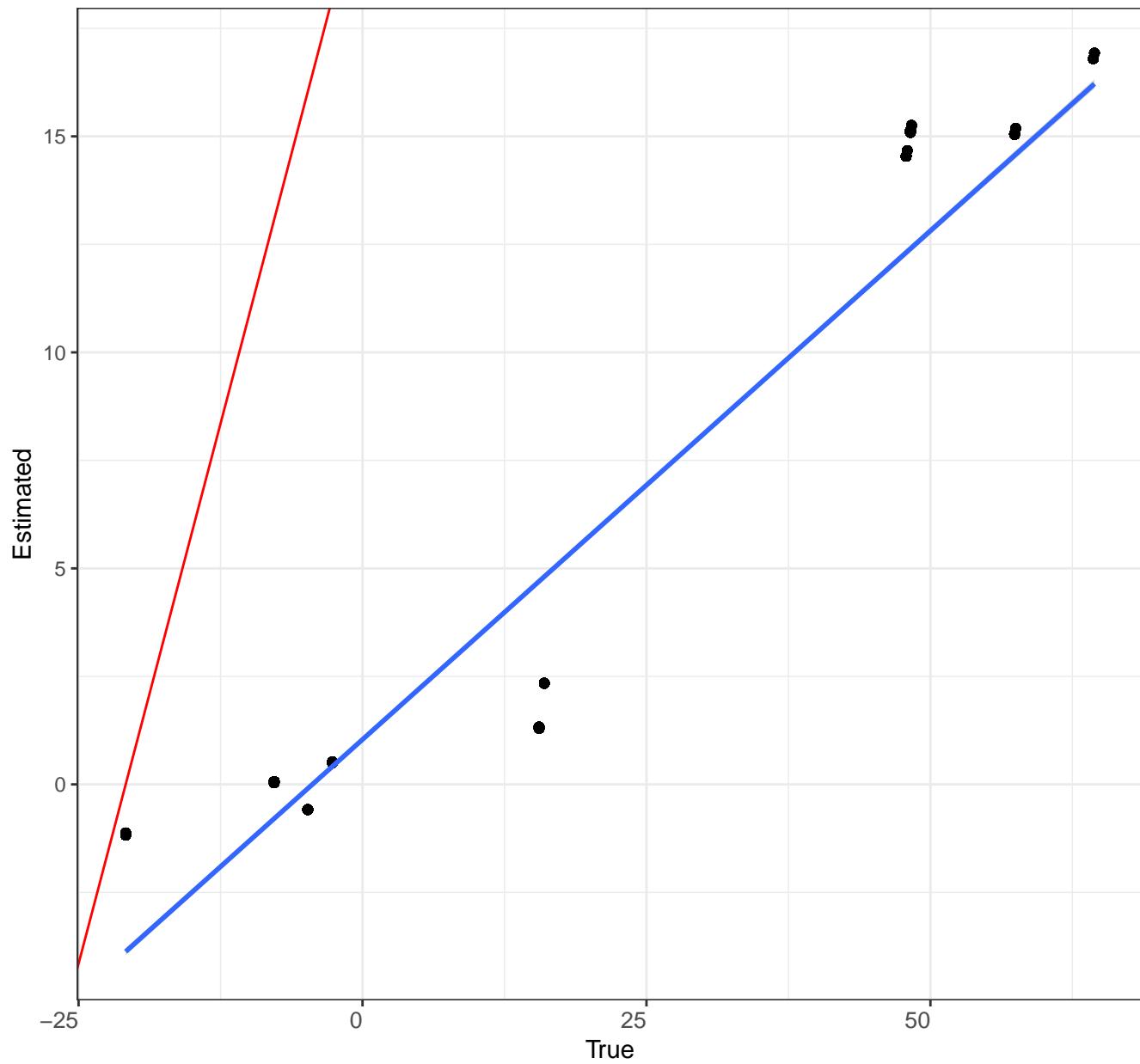


Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=80 ,r=20 true gr K=4 ,type=4 ,N=204 pN=0.118

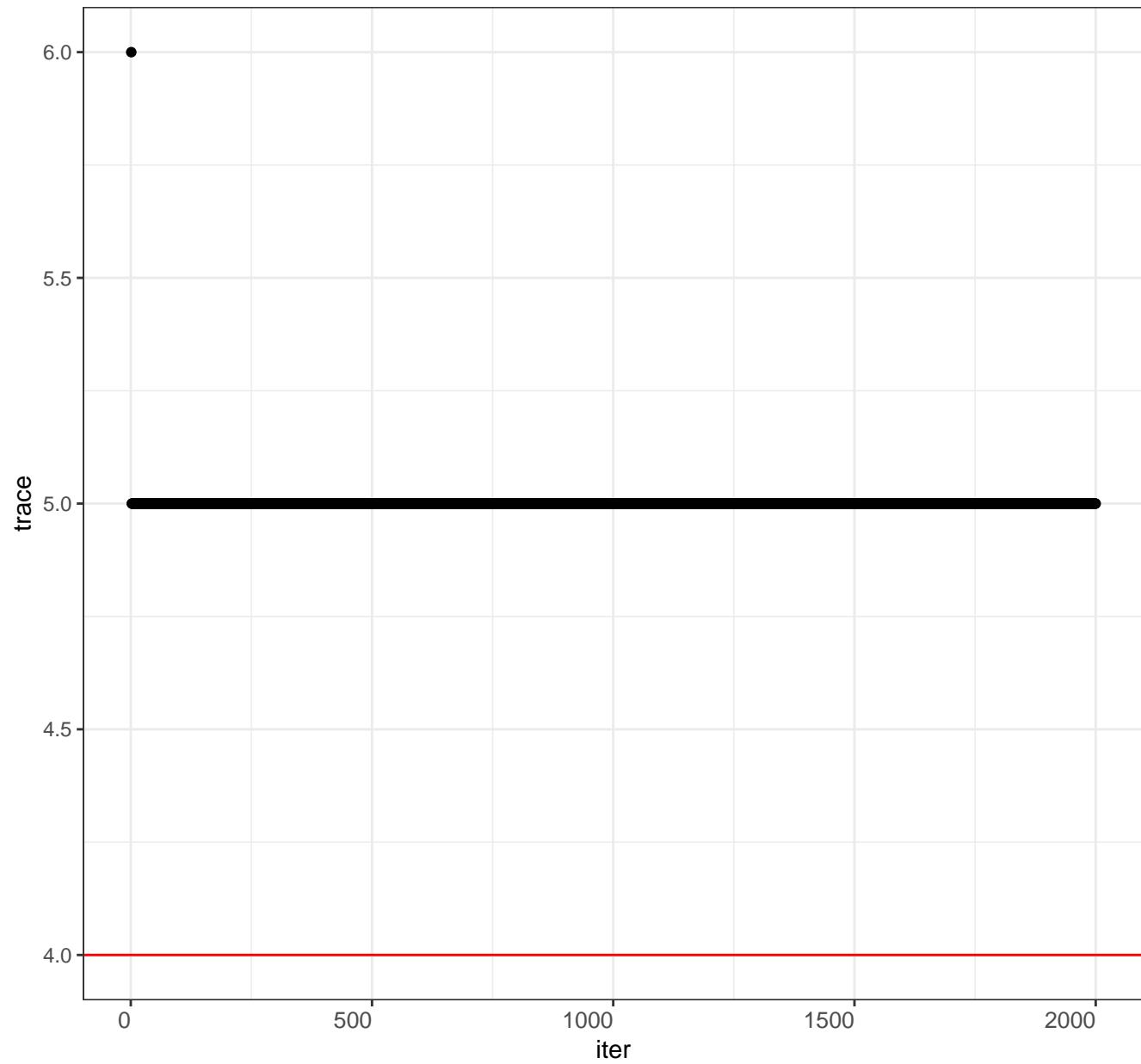


True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 r=20 true K=4 type=4

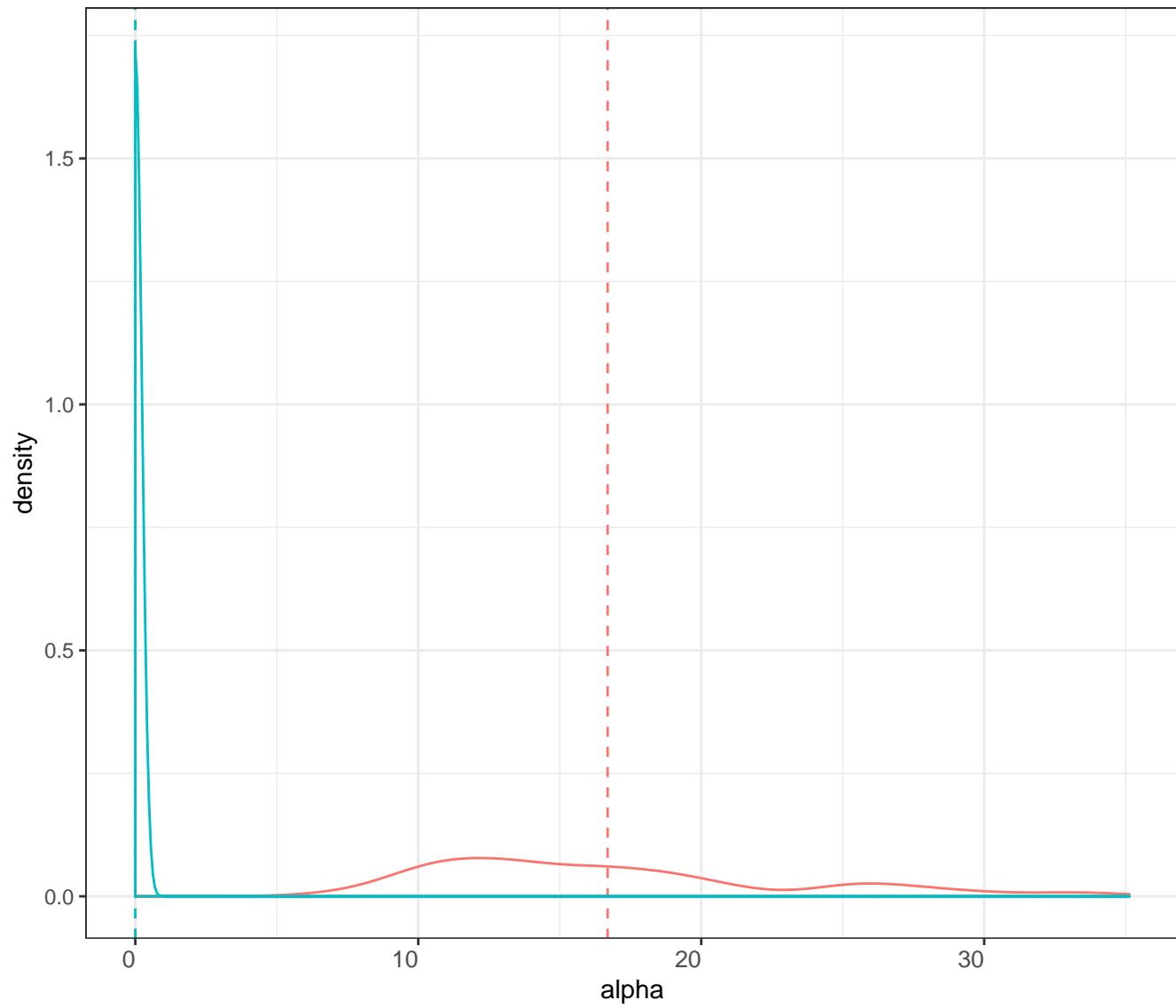
Trace plot for the number of groups K for S=80 r=20 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=80 ,r=20 true gr K=4 ,type=4 ,N=204

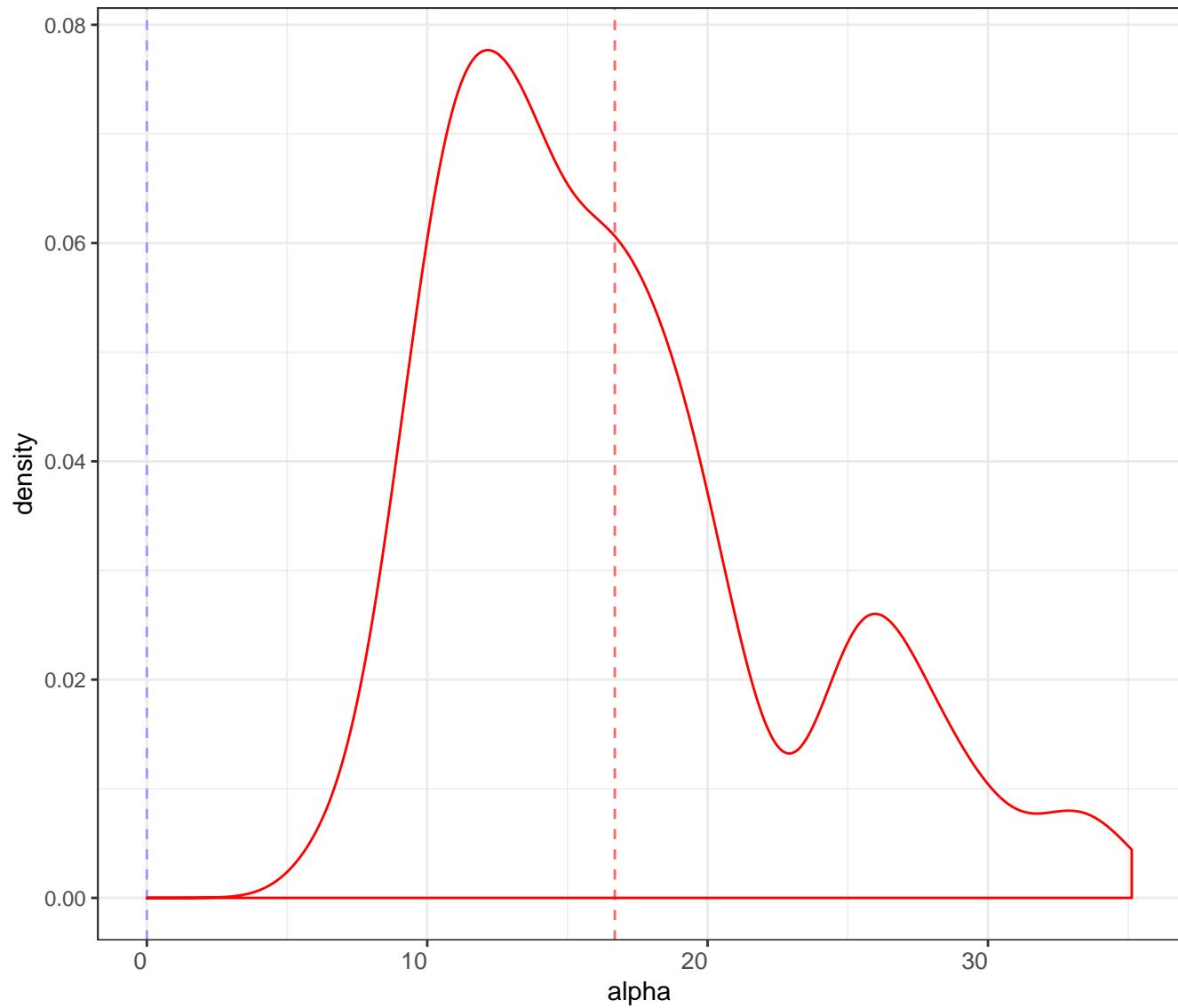
type [] posterior [] prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

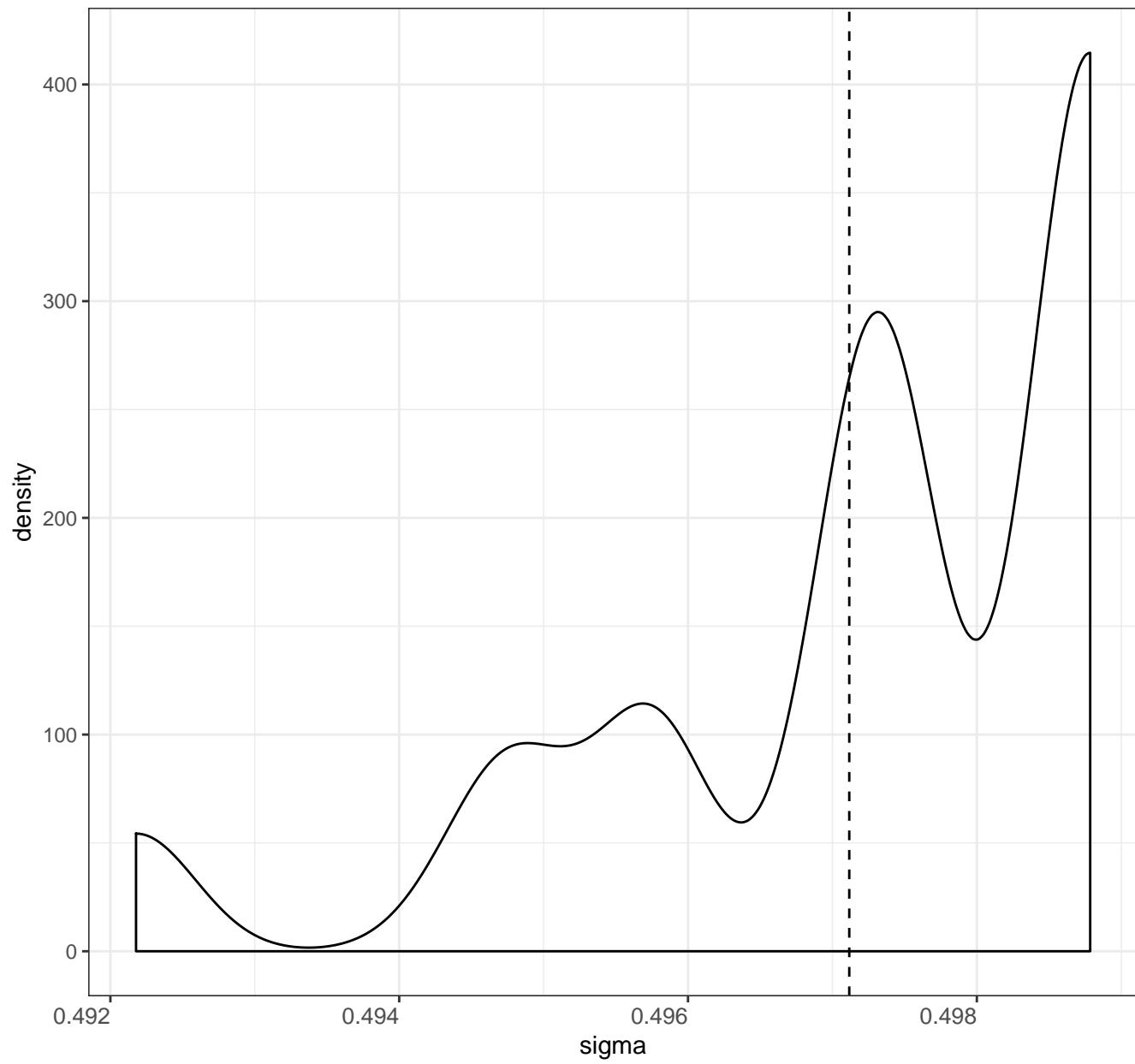
Posterior distribution for alpha

Legend | posterior mean | prior mean

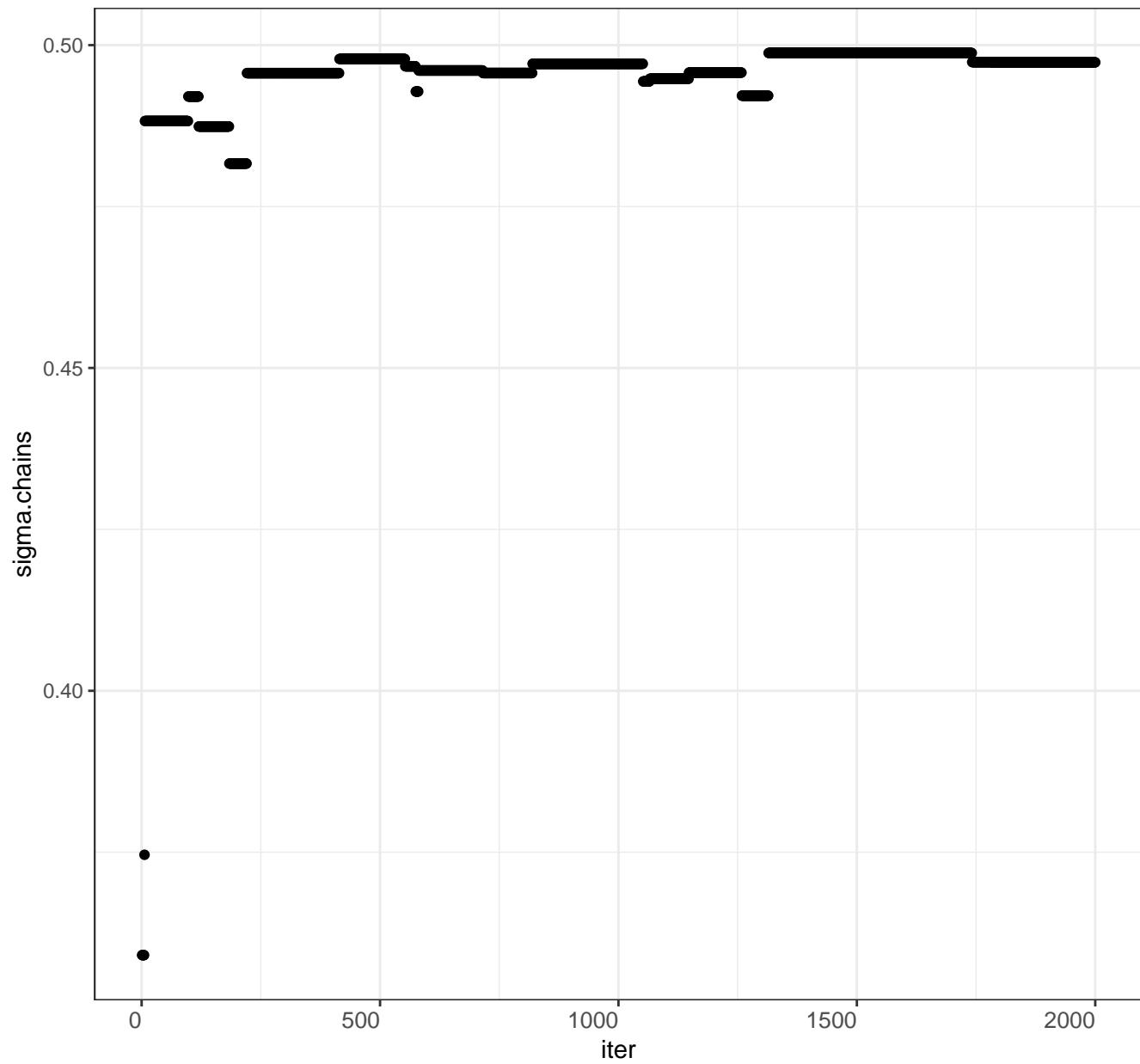


Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=20 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=80 ,r=20 true gr K=4 ,type=4 ,N=204

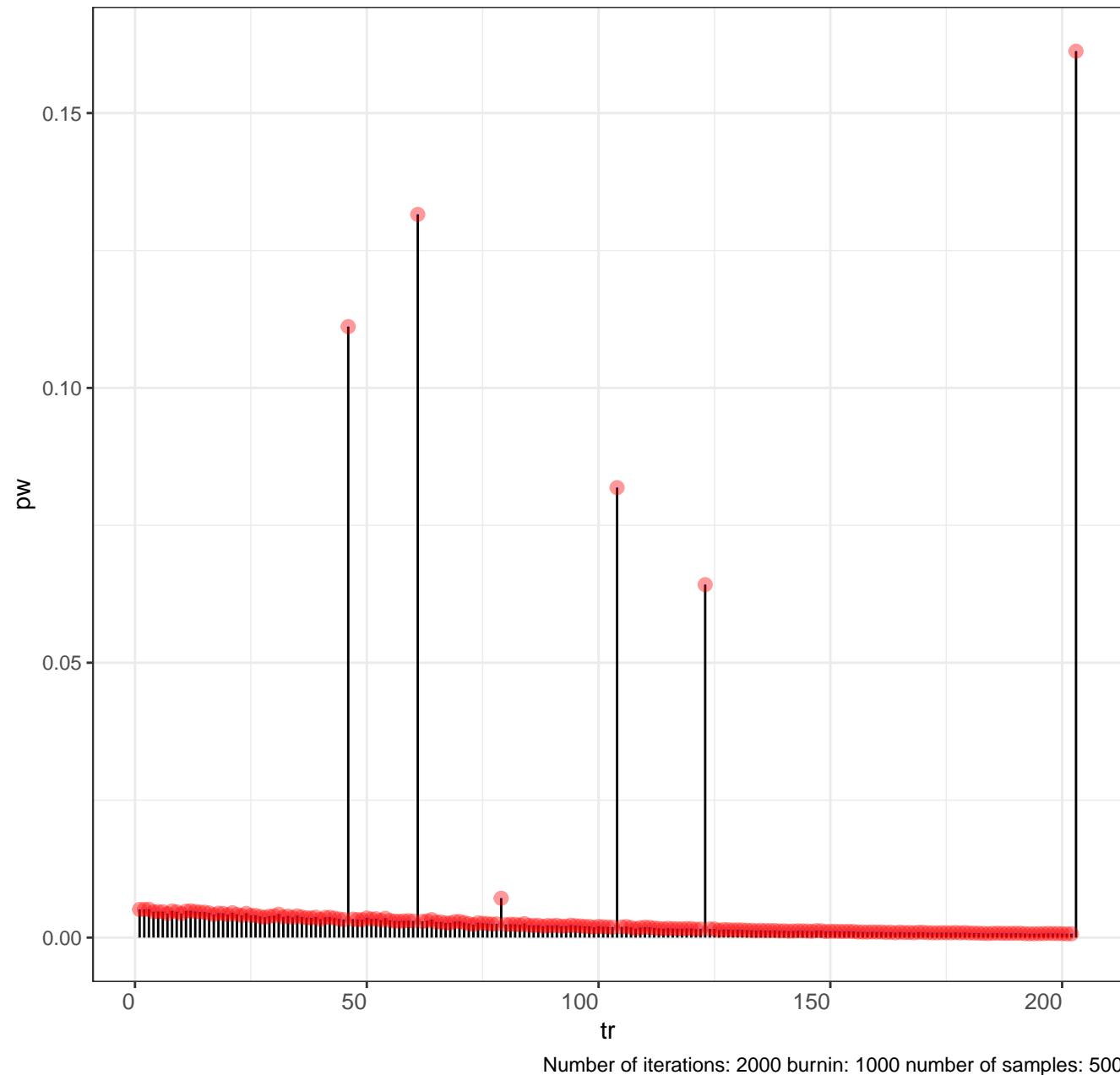


Trace plot for the sigma for S=80 r=20 true K=4 type=4

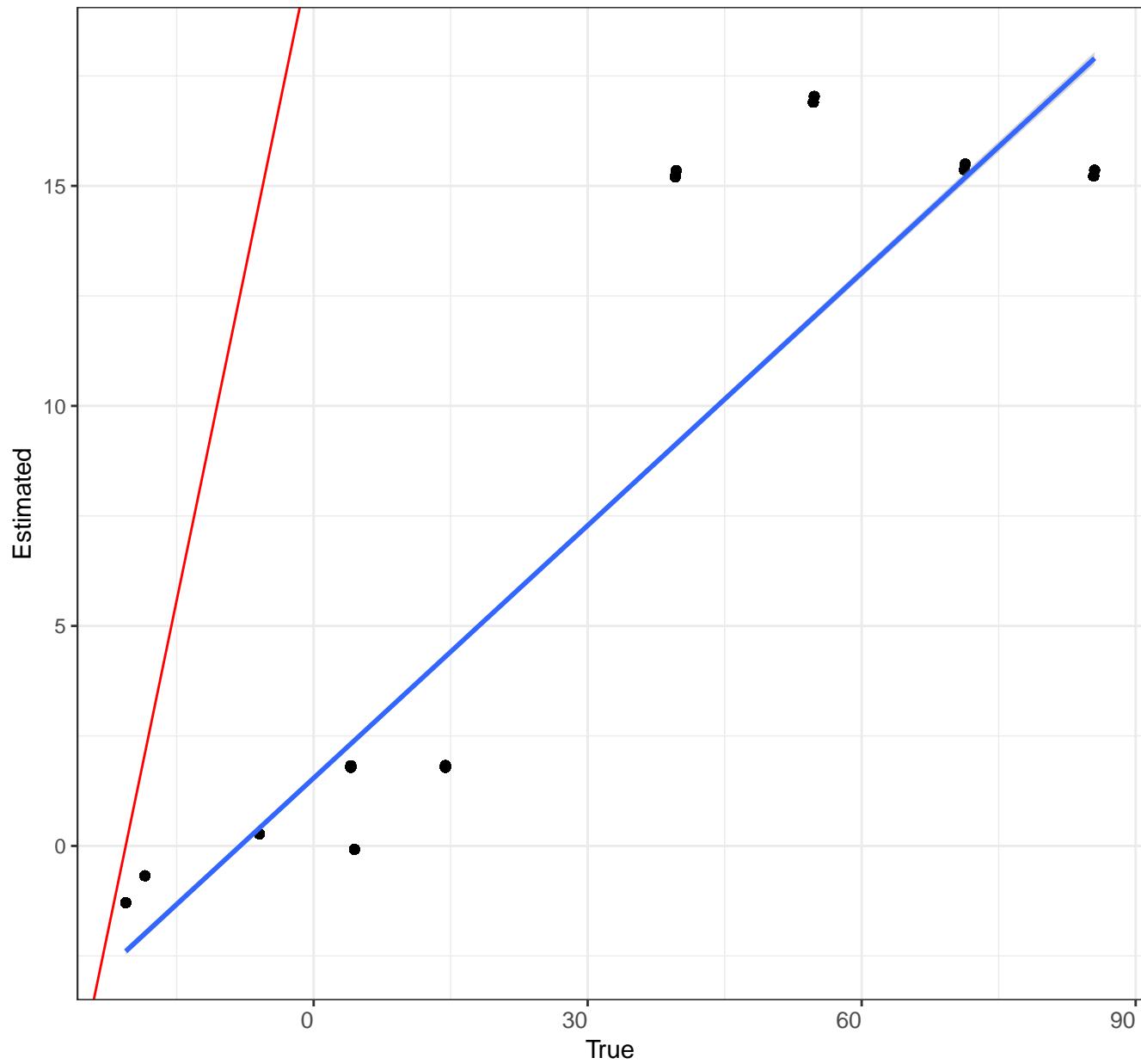


Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=80 ,r=20 true gr K=4 ,type=4 ,N=204 pN=0.161

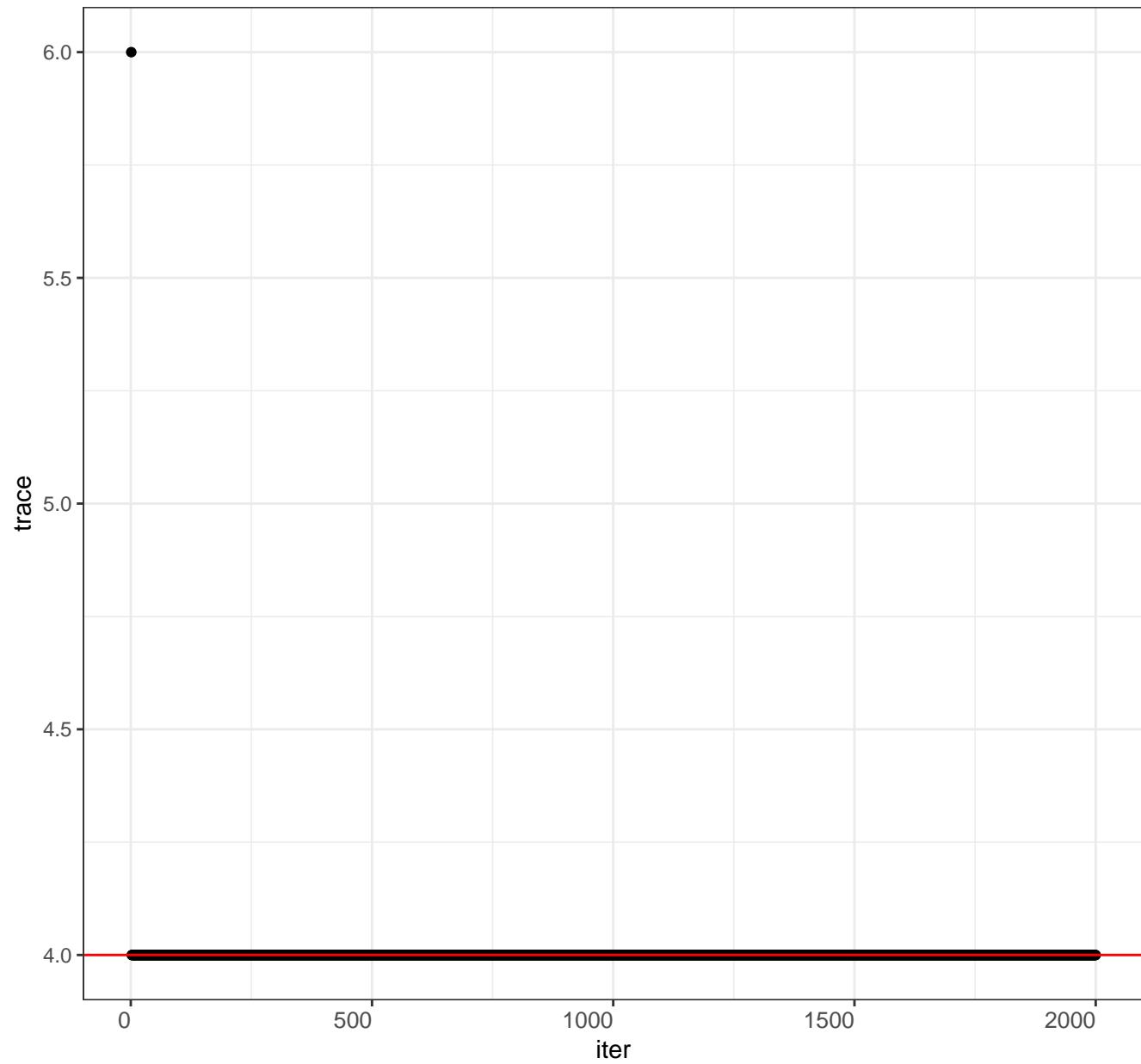


True vs estimated covariance parameters



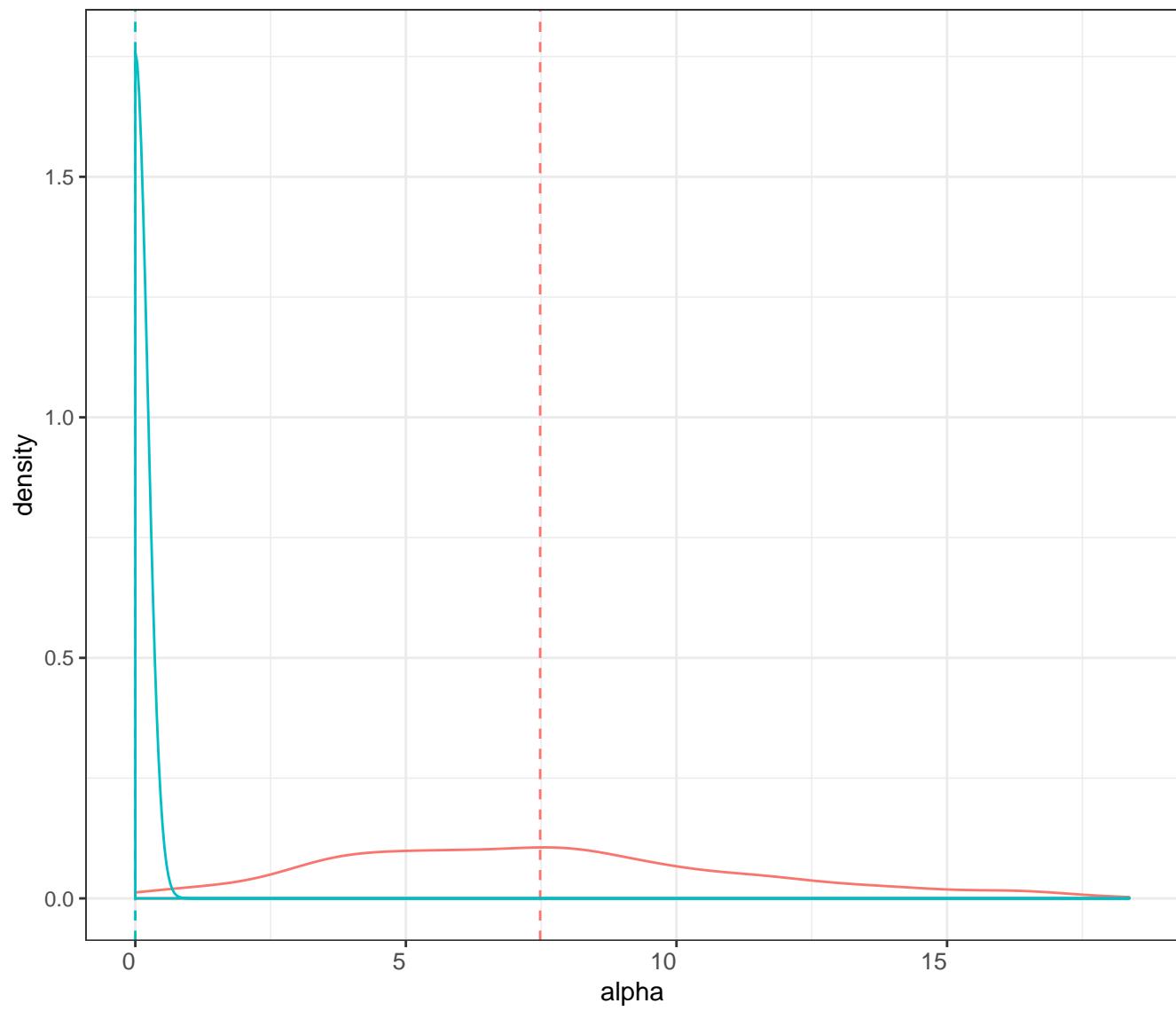
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 r=20 true K=4 type=4

Trace plot for the number of groups K for S=80 r=20 true K=4 type=4



Distribution alpha: S=80 ,r=20 true gr K=4 ,type=4 ,N=204

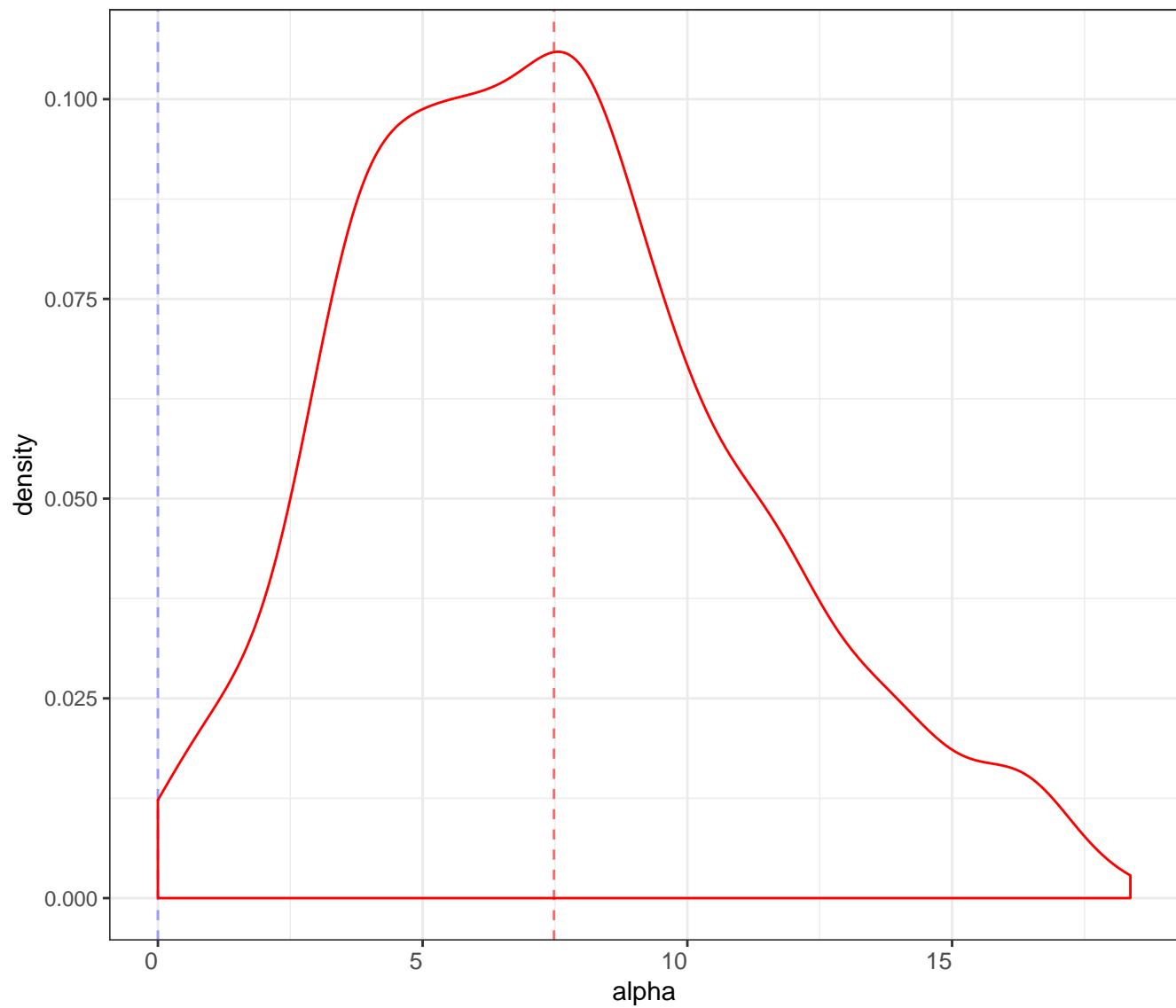
type | posterior | prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

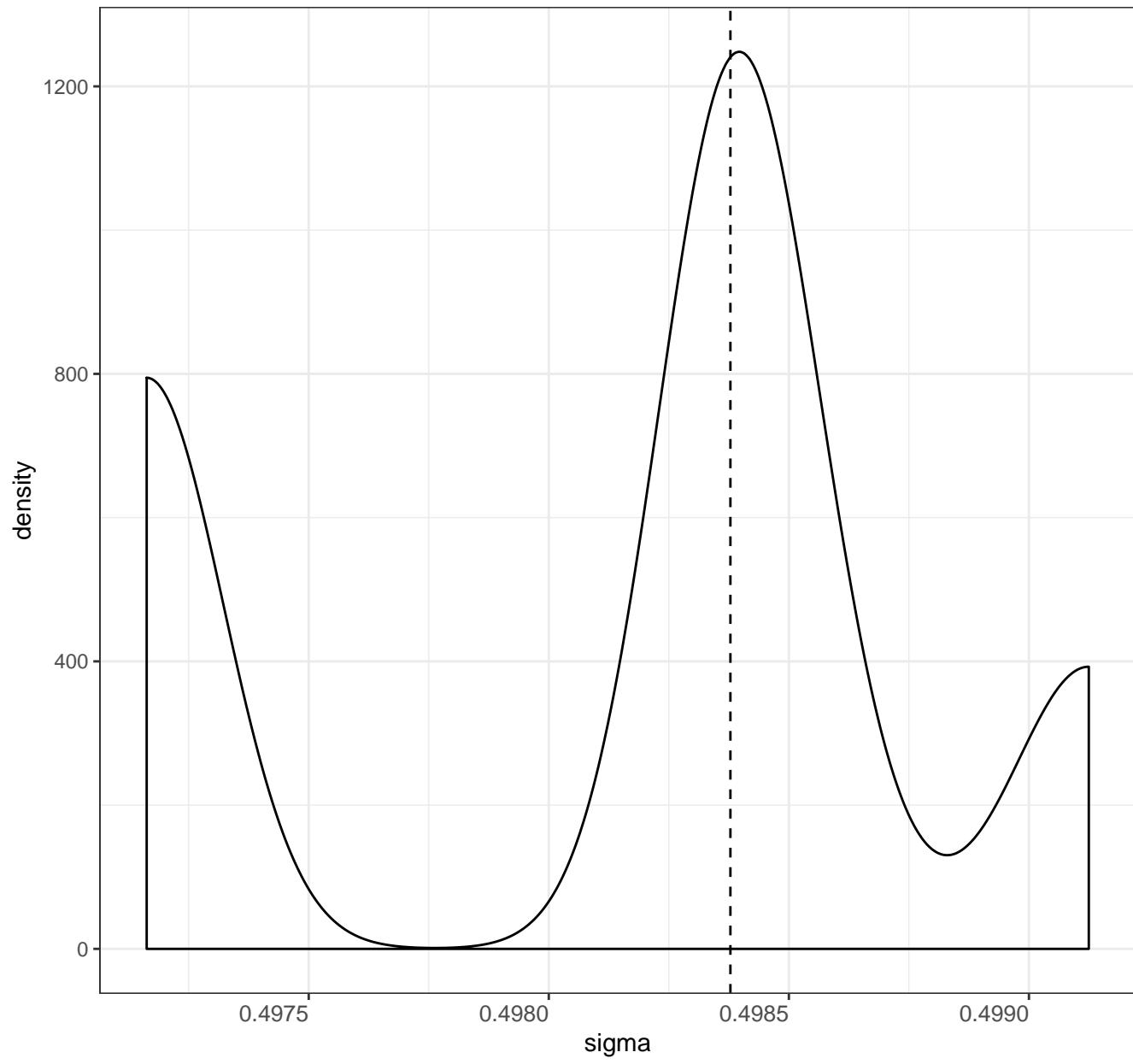
Posterior distribution for alpha

Legend | posterior mean | prior mean



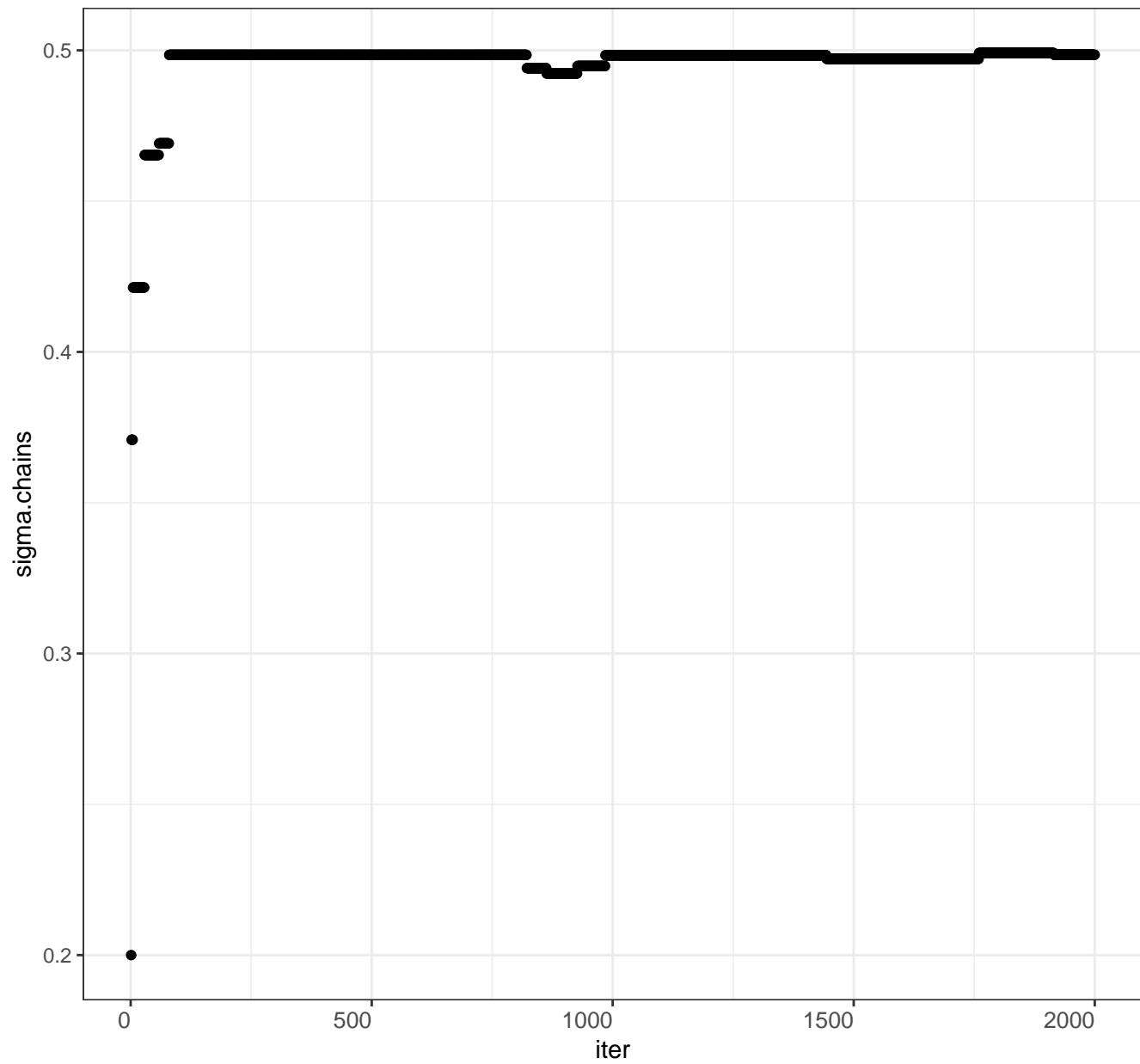
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=20 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=80 ,r=20 true gr K=4 ,type=4 ,N=204



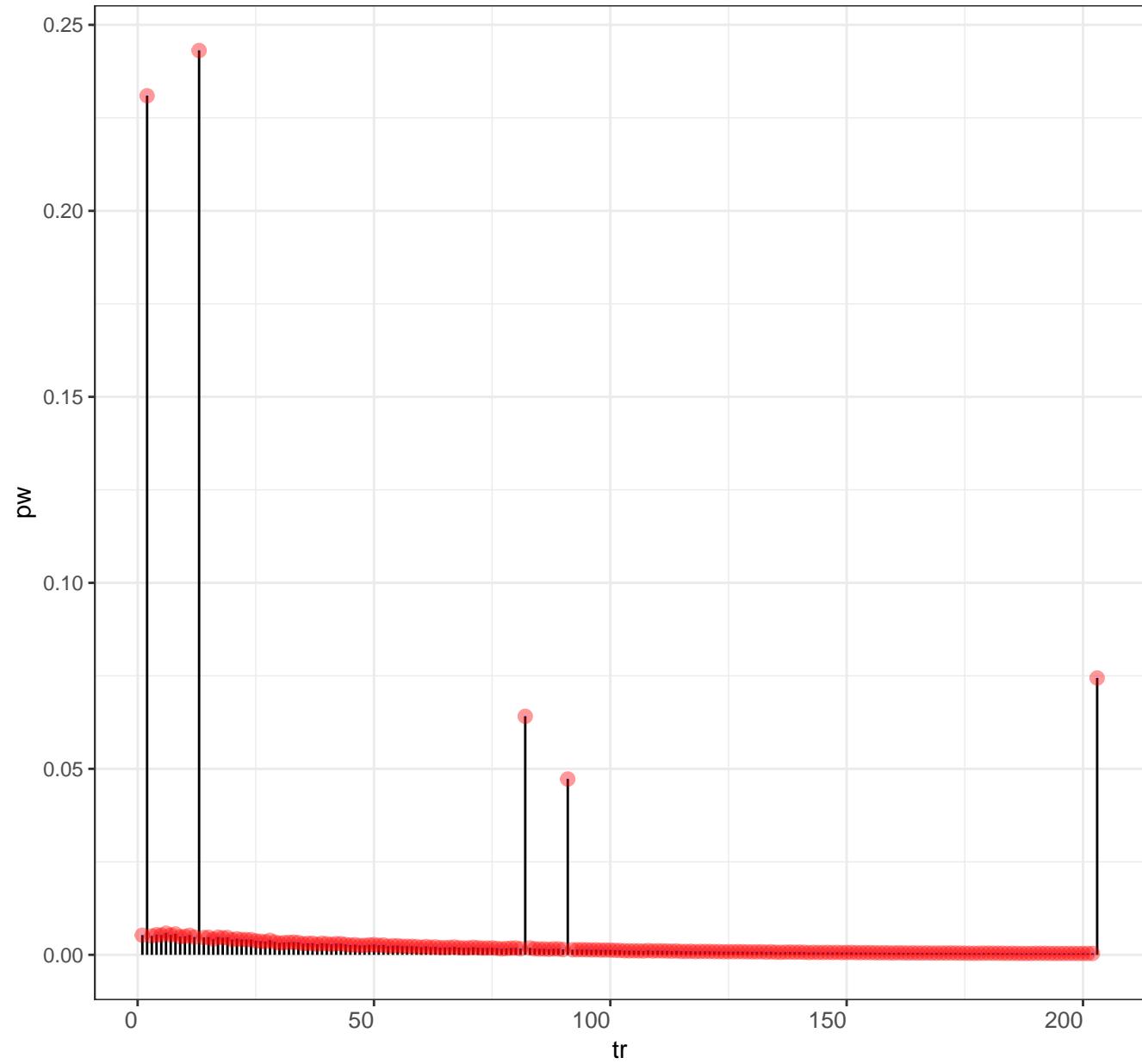
Number of iterations: 2000 burnin: 1000 number of samples: 500

Trace plot for the sigma for S=80 r=20 true K=4 type=4

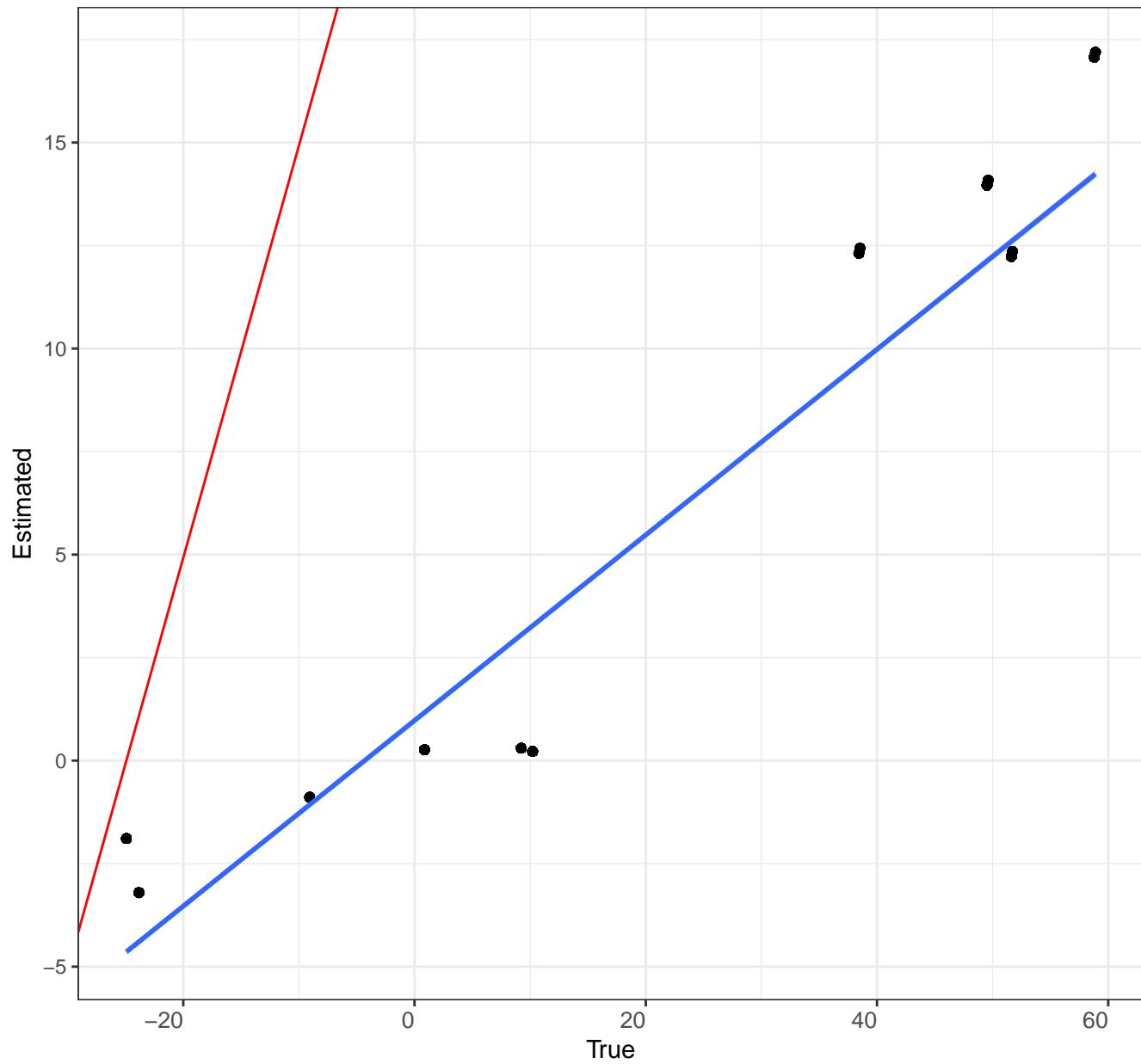


Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=80 ,r=20 true gr K=4 ,type=4 ,N=204 pN=0.074

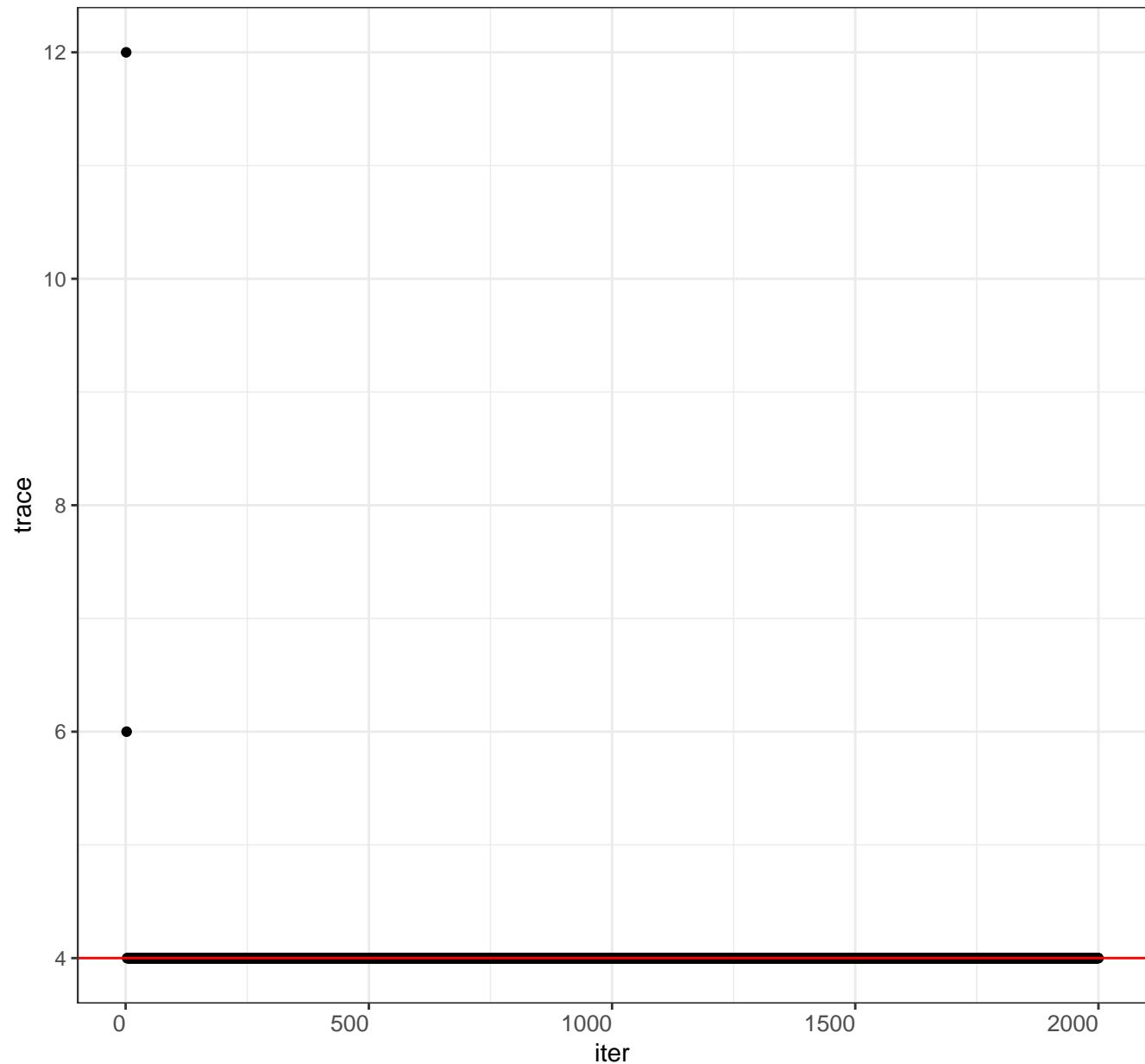


True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 r=20 true K=4 type=4

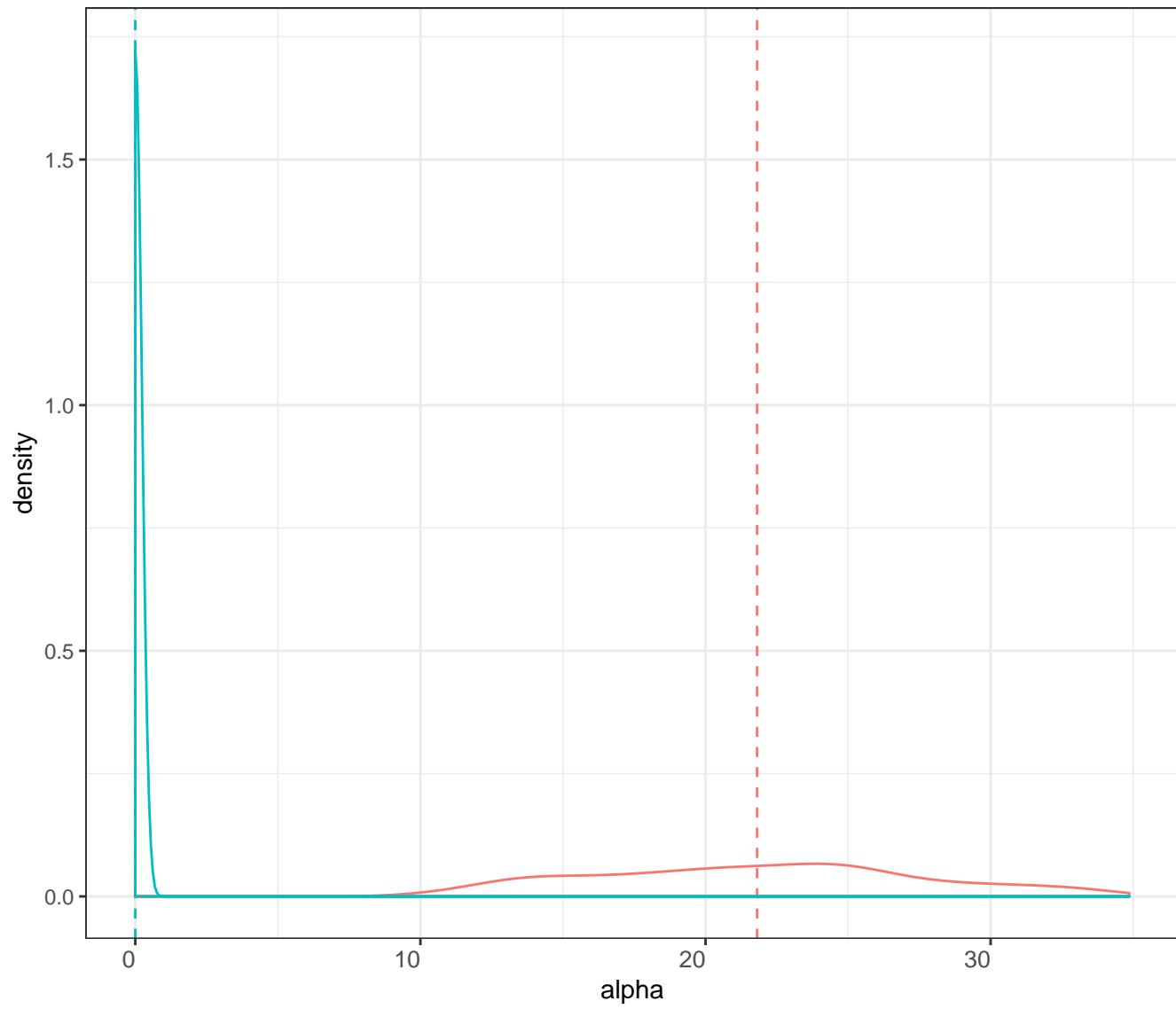
Trace plot for the number of groups K for S=80 r=20 true K=4 type=4



Number of iterations: 2000 burnin: 1000number of samples: 500

Distribution alpha: S=80 ,r=20 true gr K=4 ,type=4 ,N=204

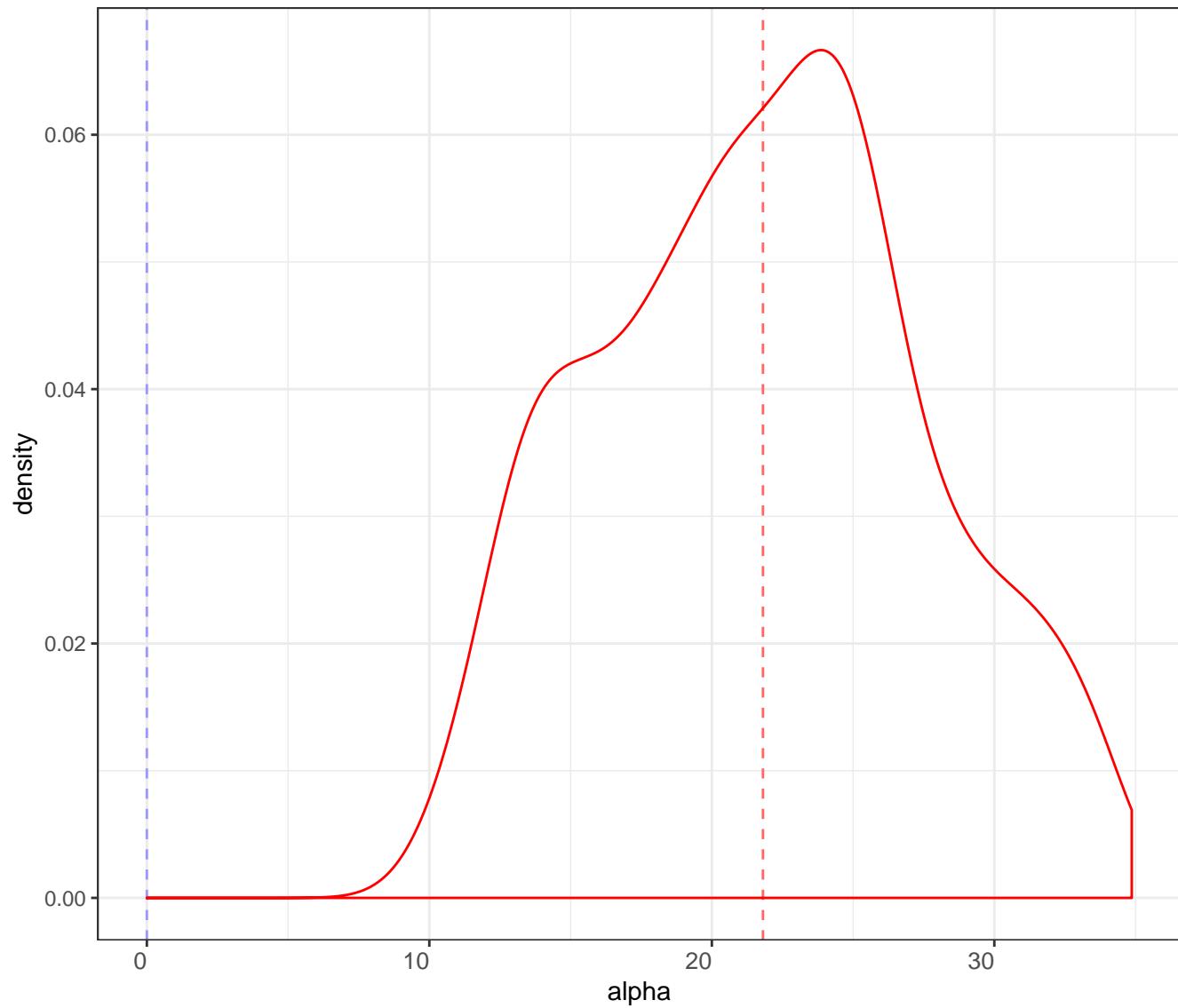
type | posterior | prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

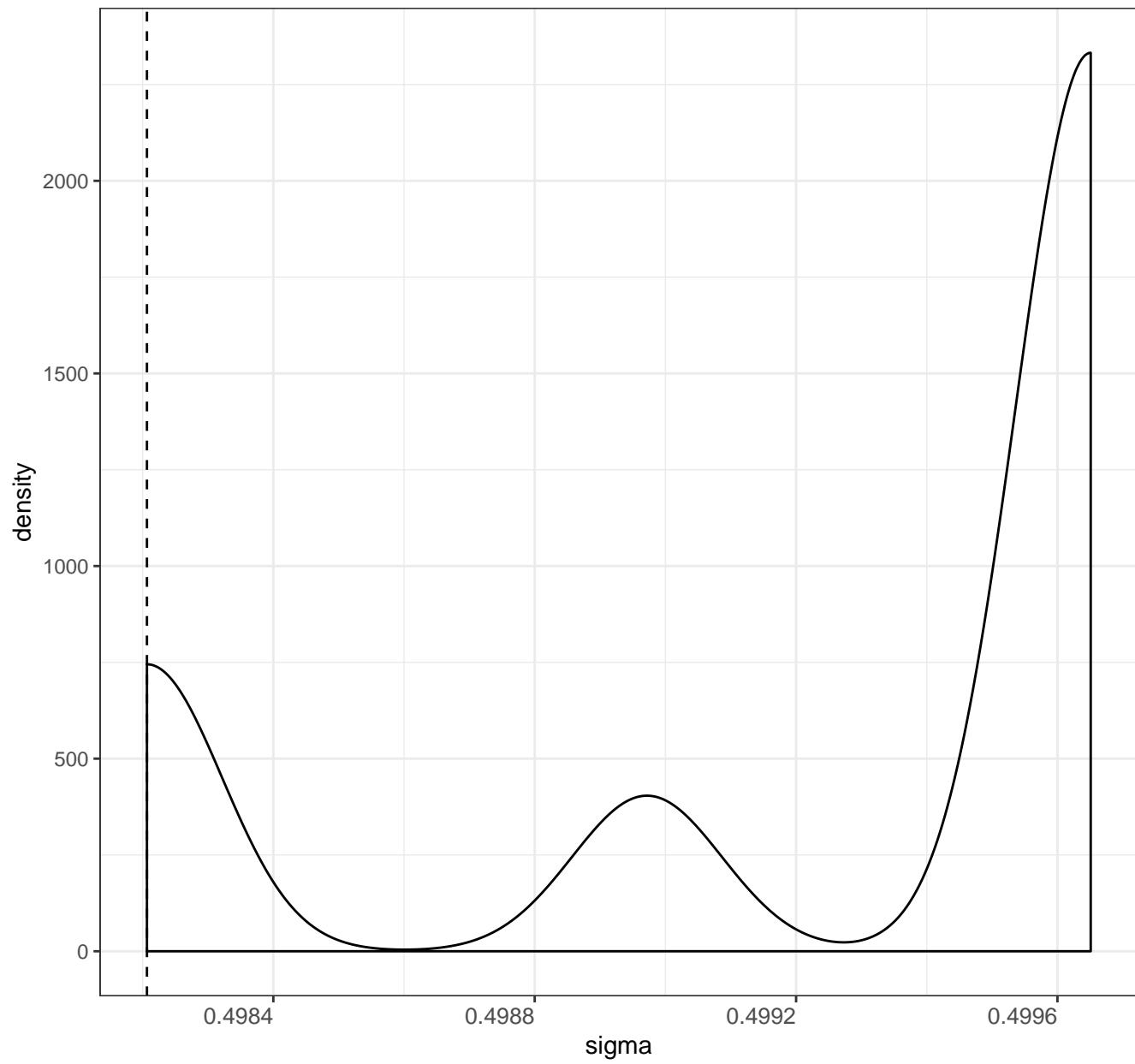
Posterior distribution for alpha

Legend | posterior mean | prior mean

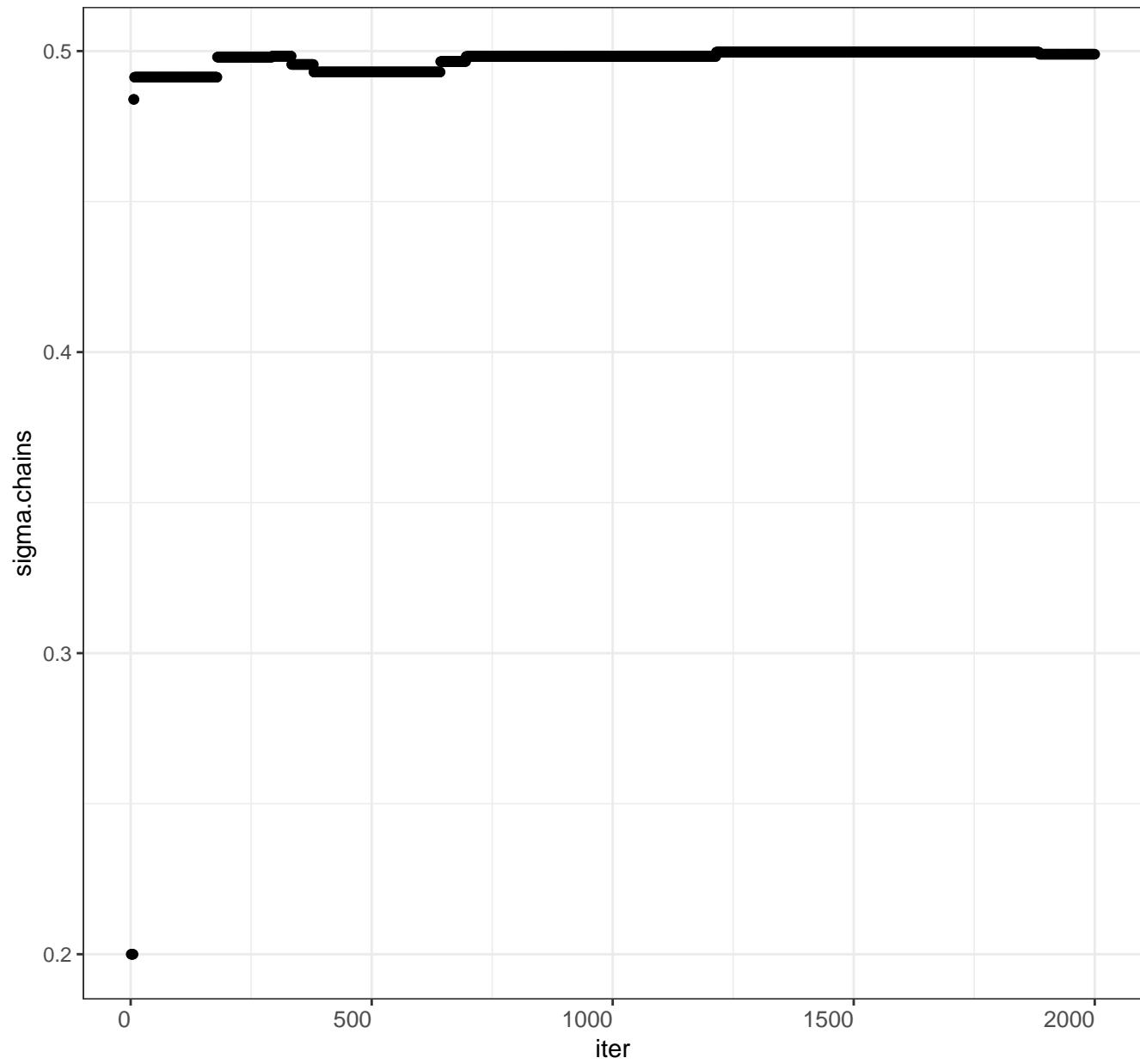


Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=20 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=80 ,r=20 true gr K=4 ,type=4 ,N=204

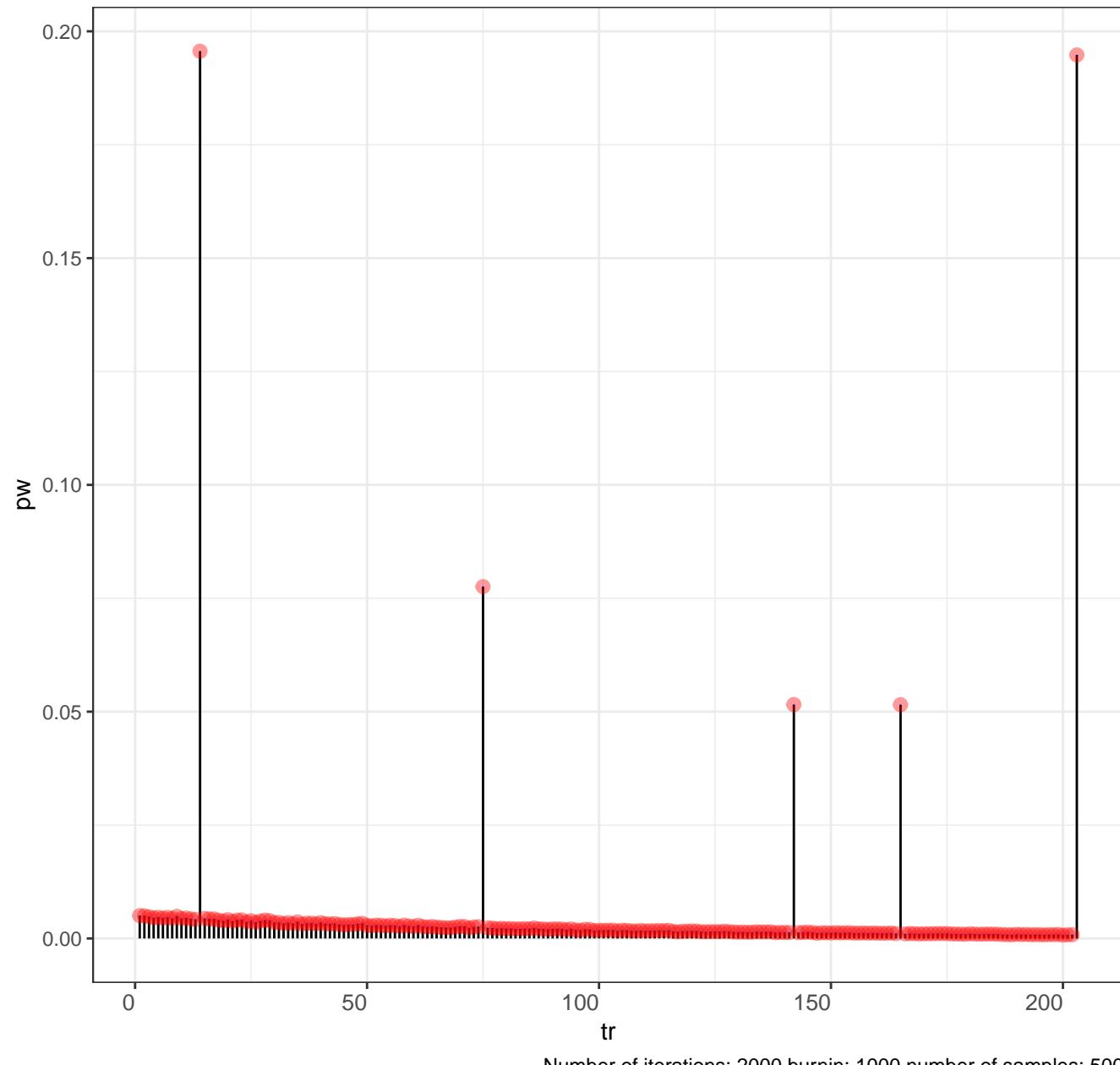


Trace plot for the sigma for S=80 r=20 true K=4 type=4



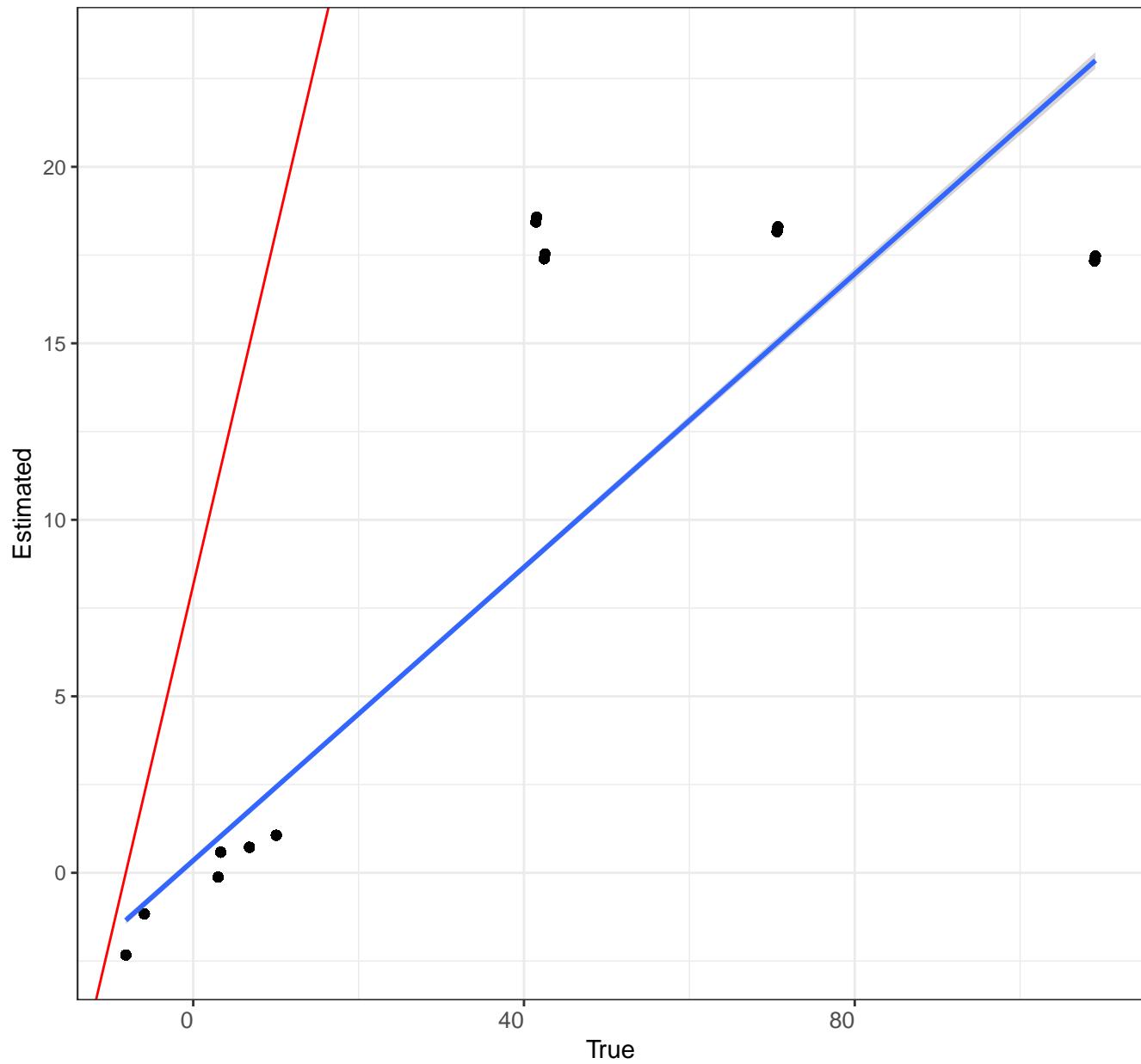
Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=80 ,r=20 true gr K=4 ,type=4 ,N=204 pN=0.195



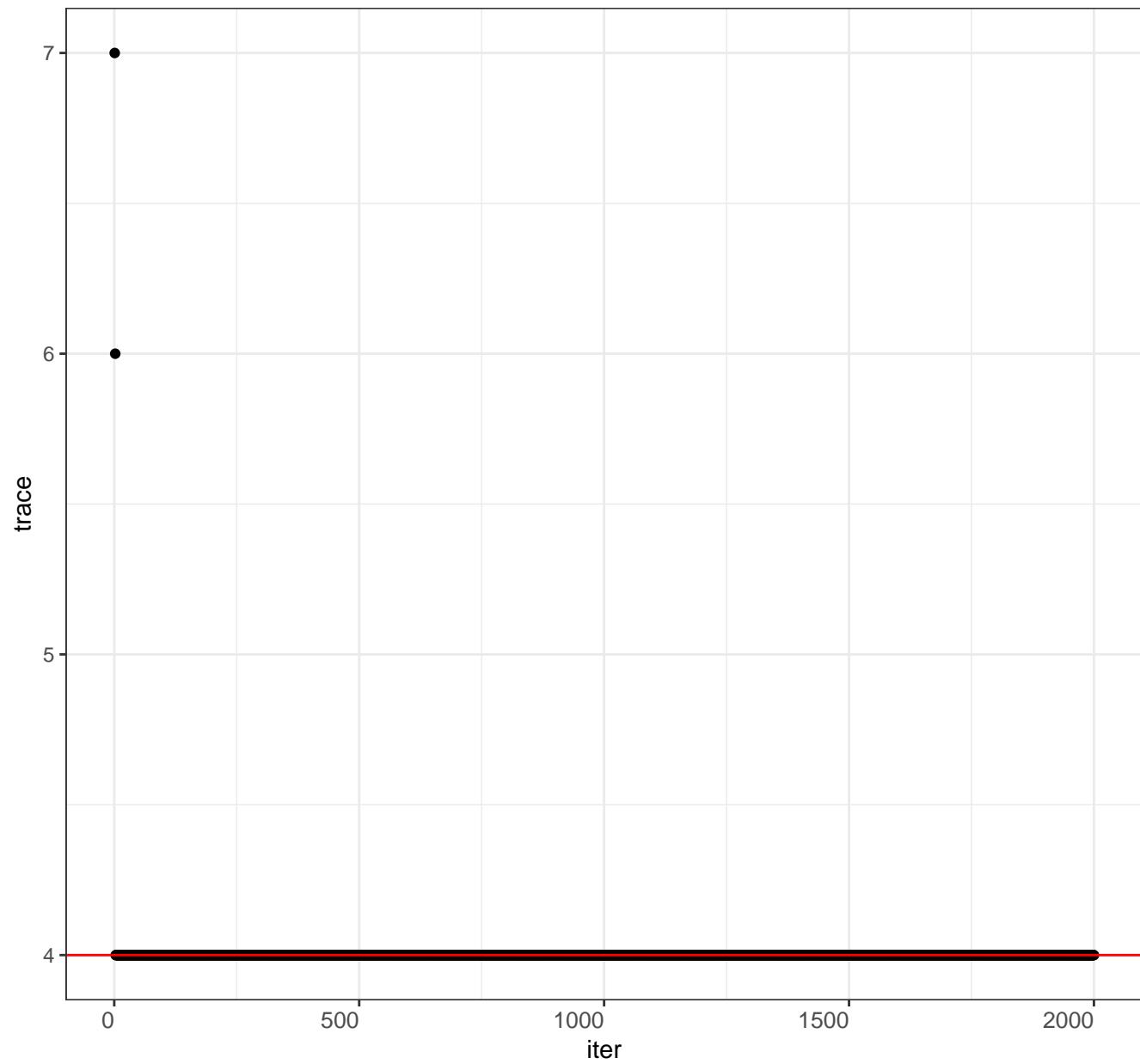
Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters



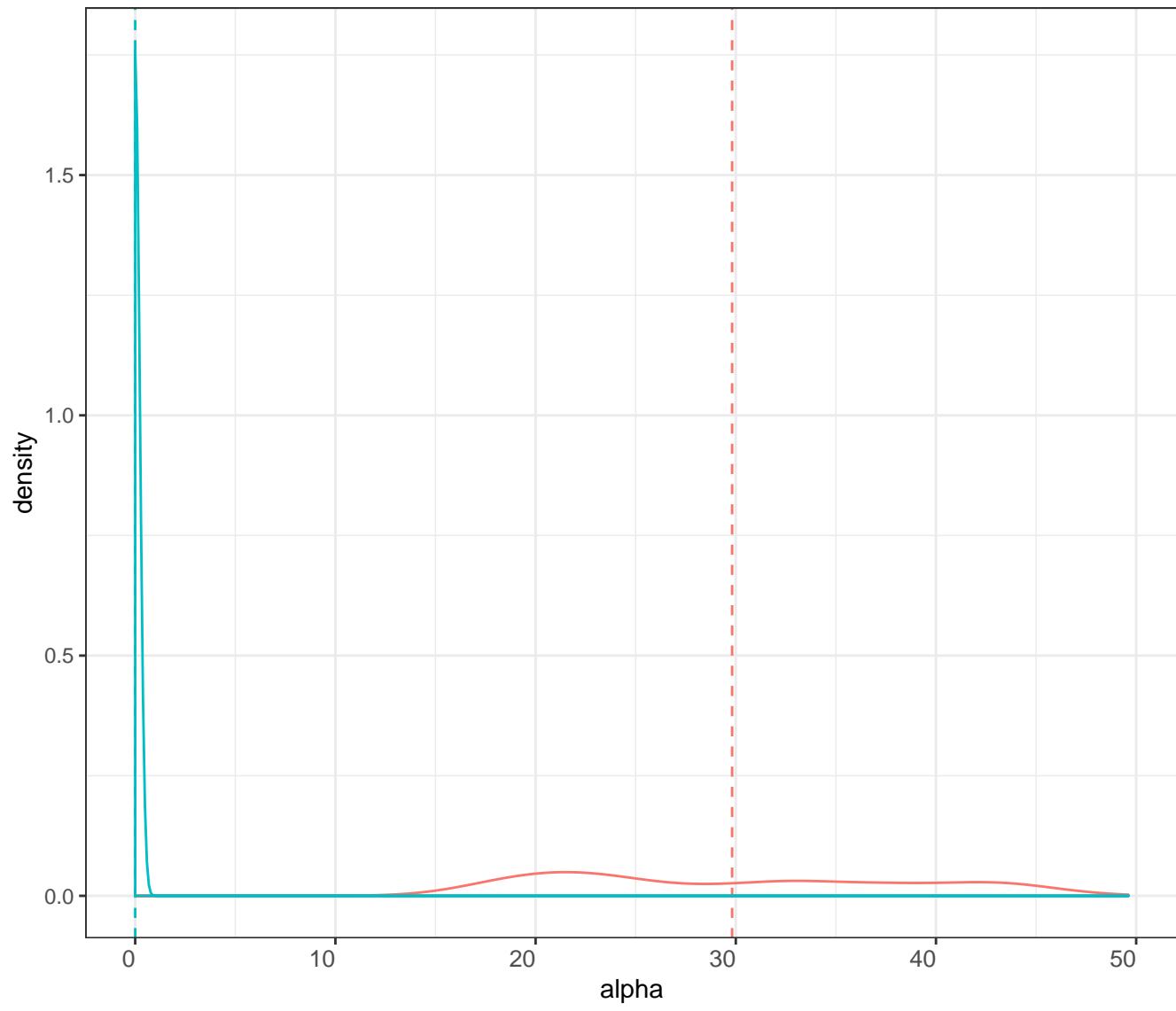
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 r=20 true K=4 type=4

Trace plot for the number of groups K for S=80 r=20 true K=4 type=4



Distribution alpha: S=80 ,r=20 true gr K=4 ,type=4 ,N=204

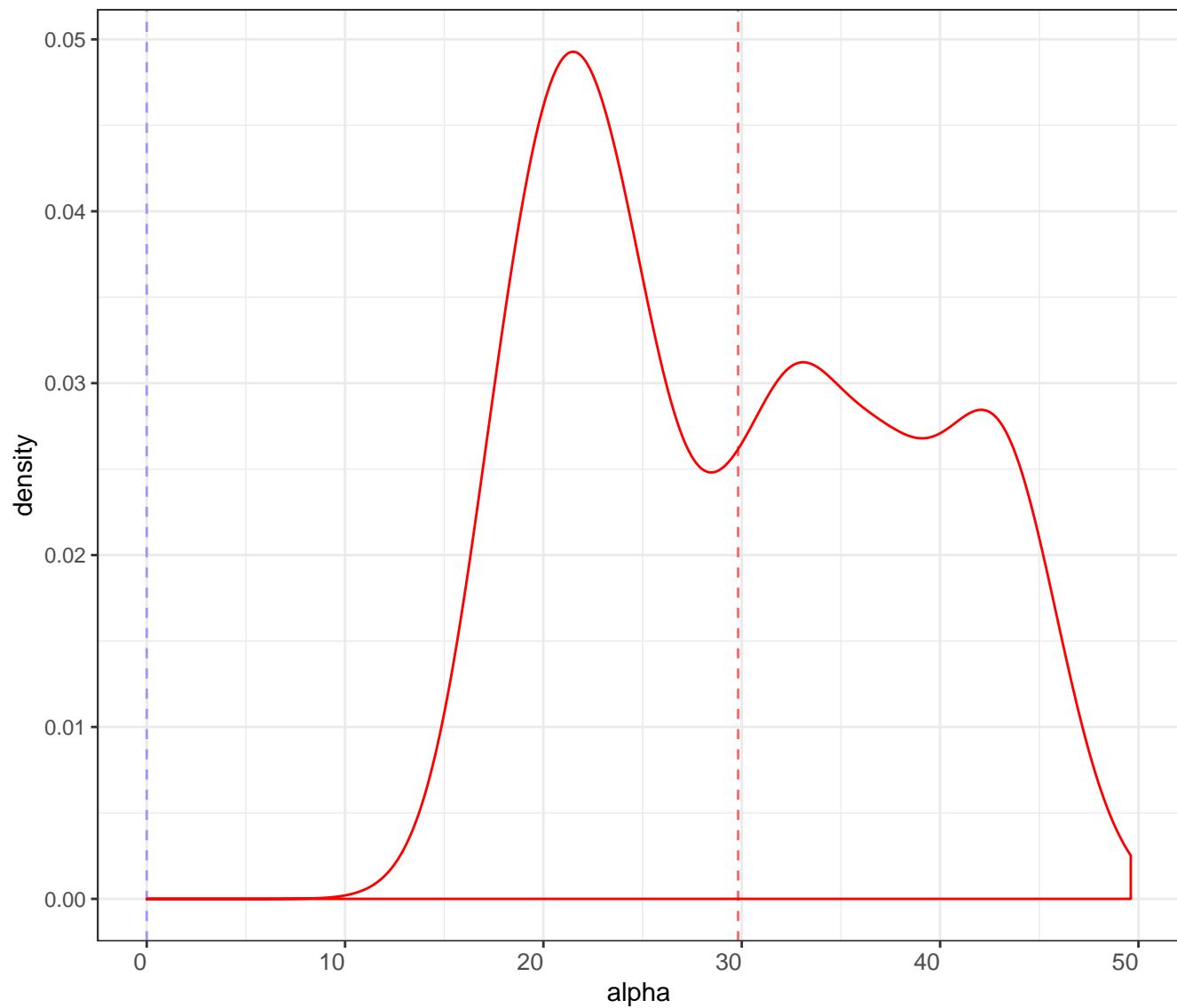
type [] posterior [] prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

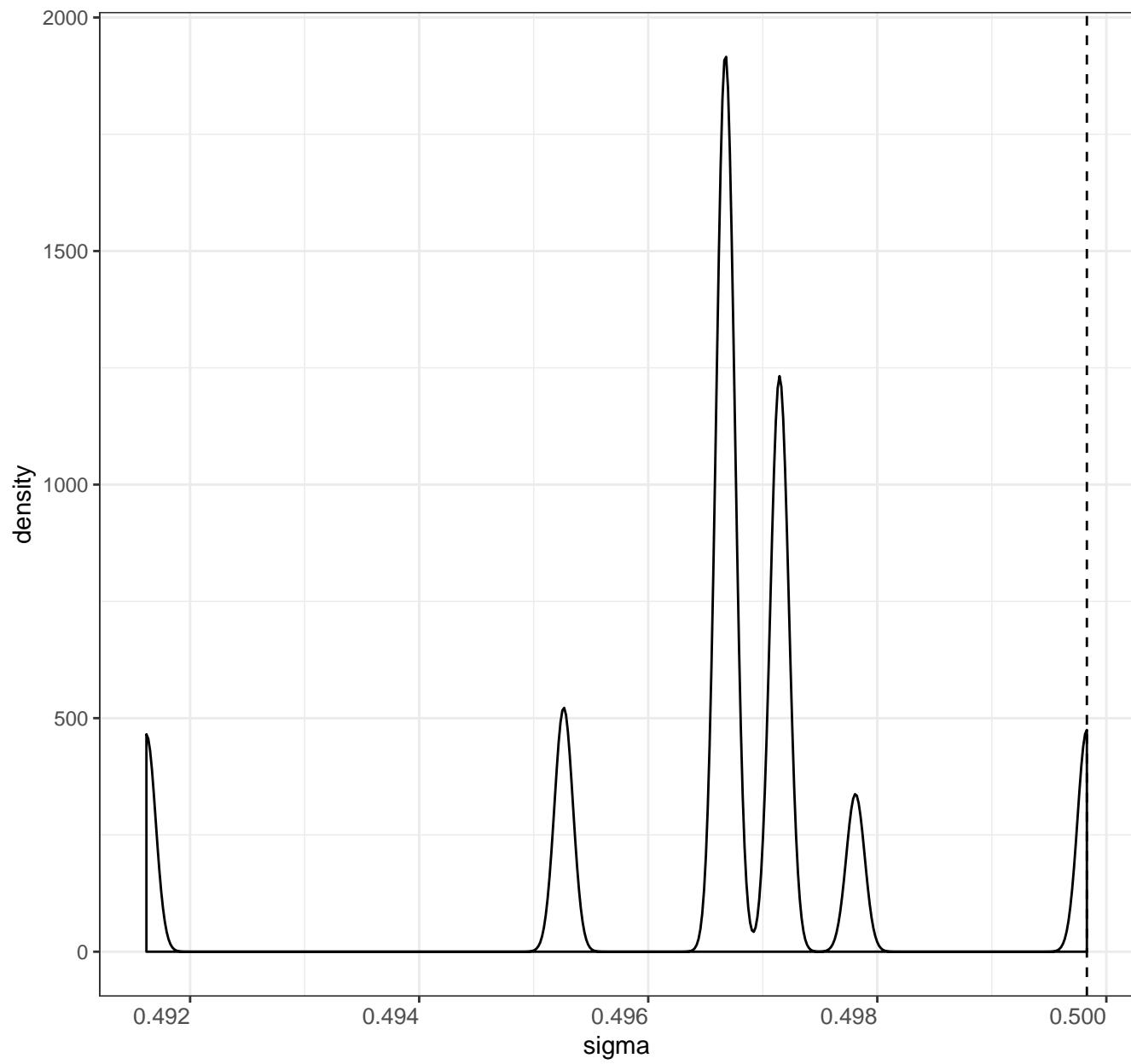
Posterior distribution for alpha

Legend | posterior mean | prior mean



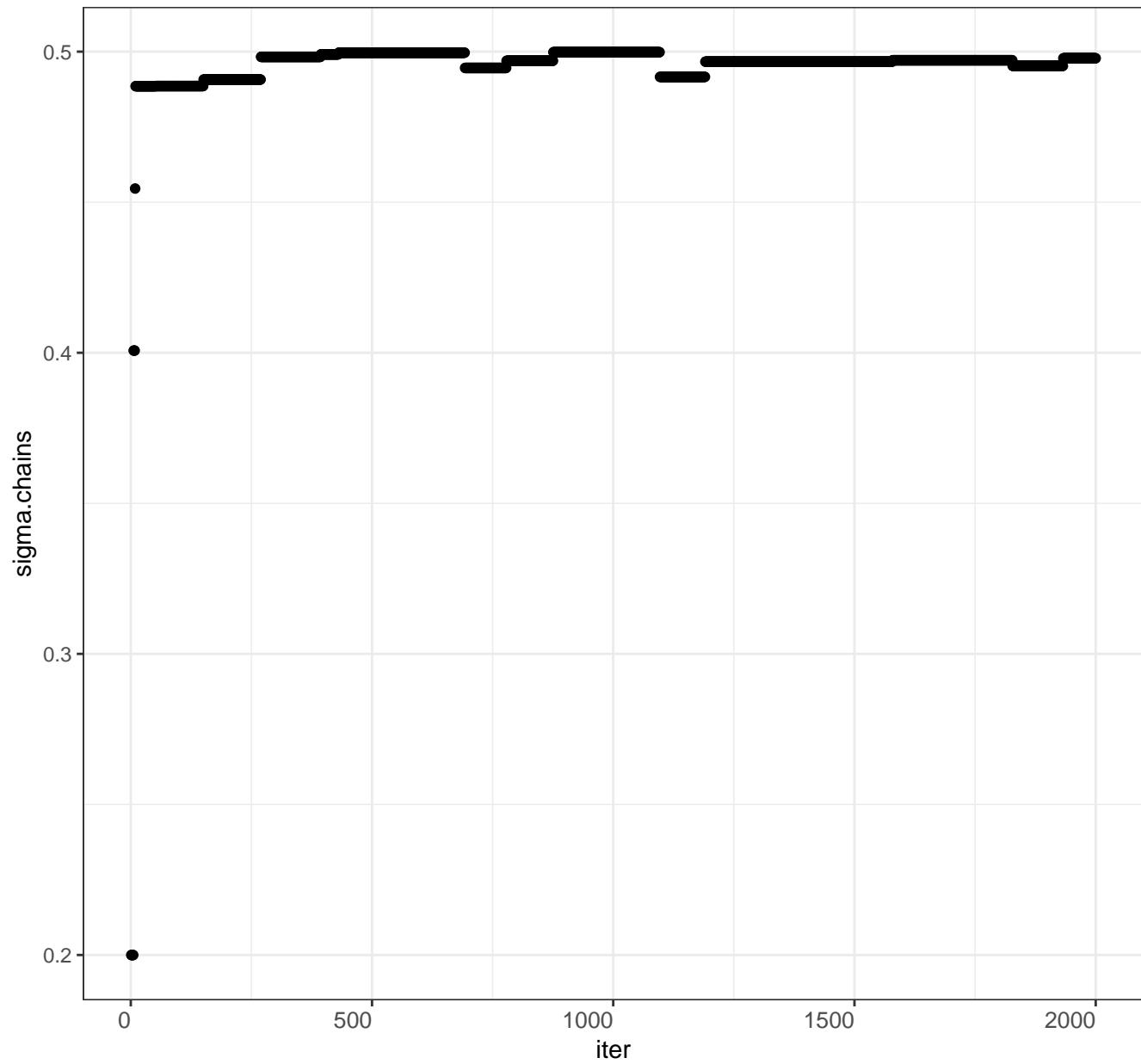
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=20 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=80 ,r=20 true gr K=4 ,type=4 ,N=204

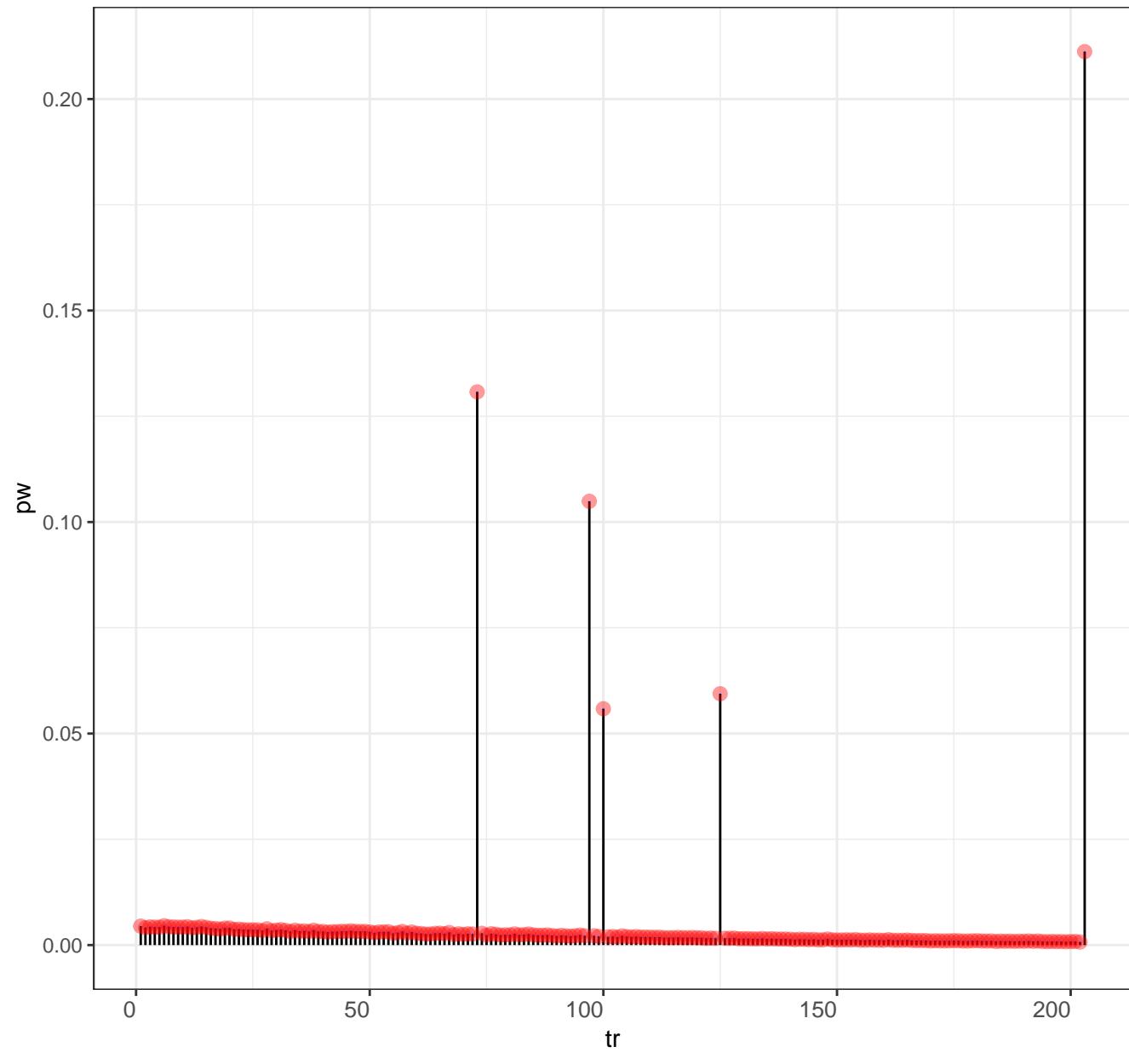


Number of iterations: 2000 burnin: 1000 number of samples: 500

Trace plot for the sigma for S=80 r=20 true K=4 type=4

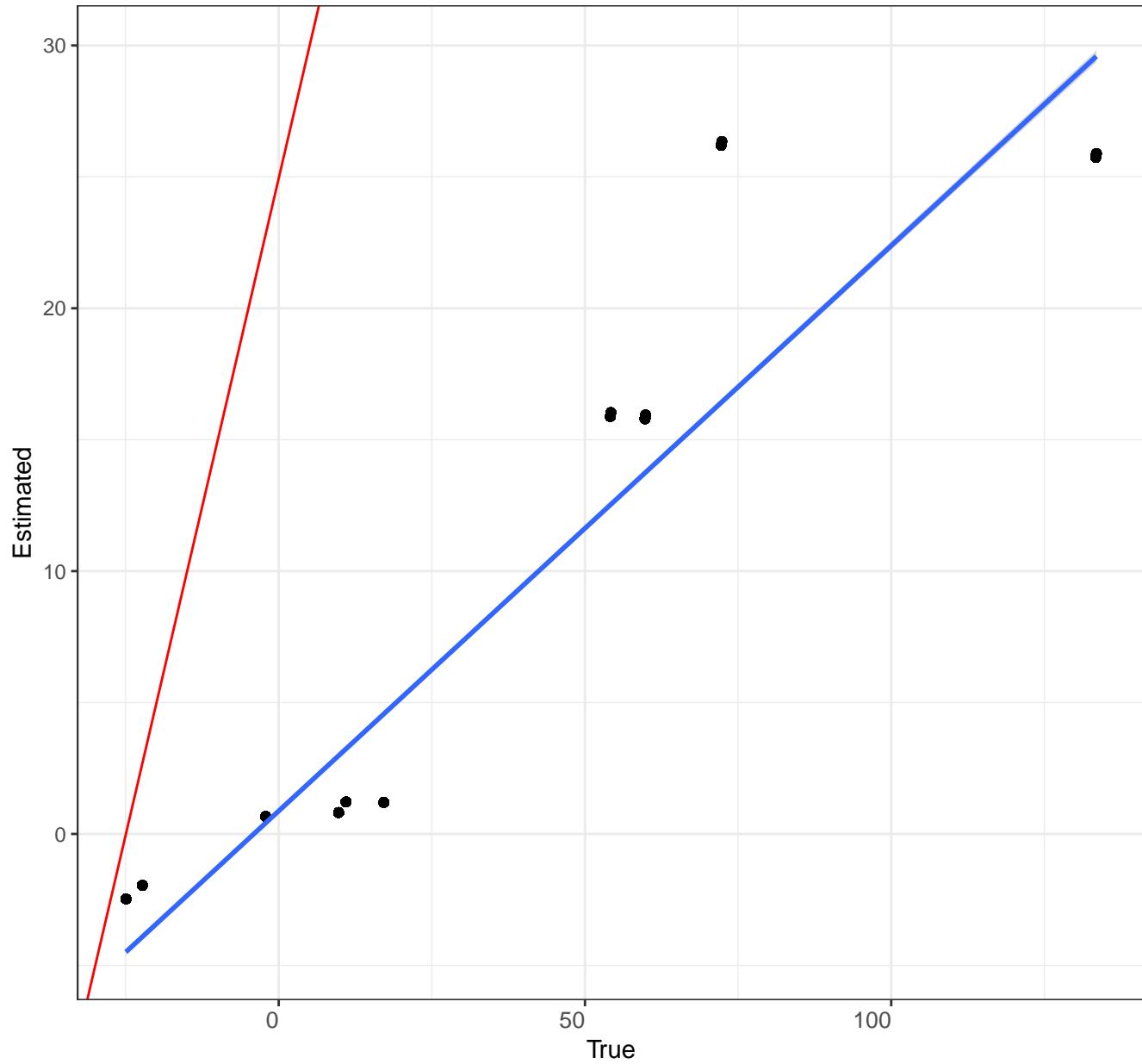


Weights for the case: S=80 ,r=20 true gr K=4 ,type=4 ,N=204 pN=0.211



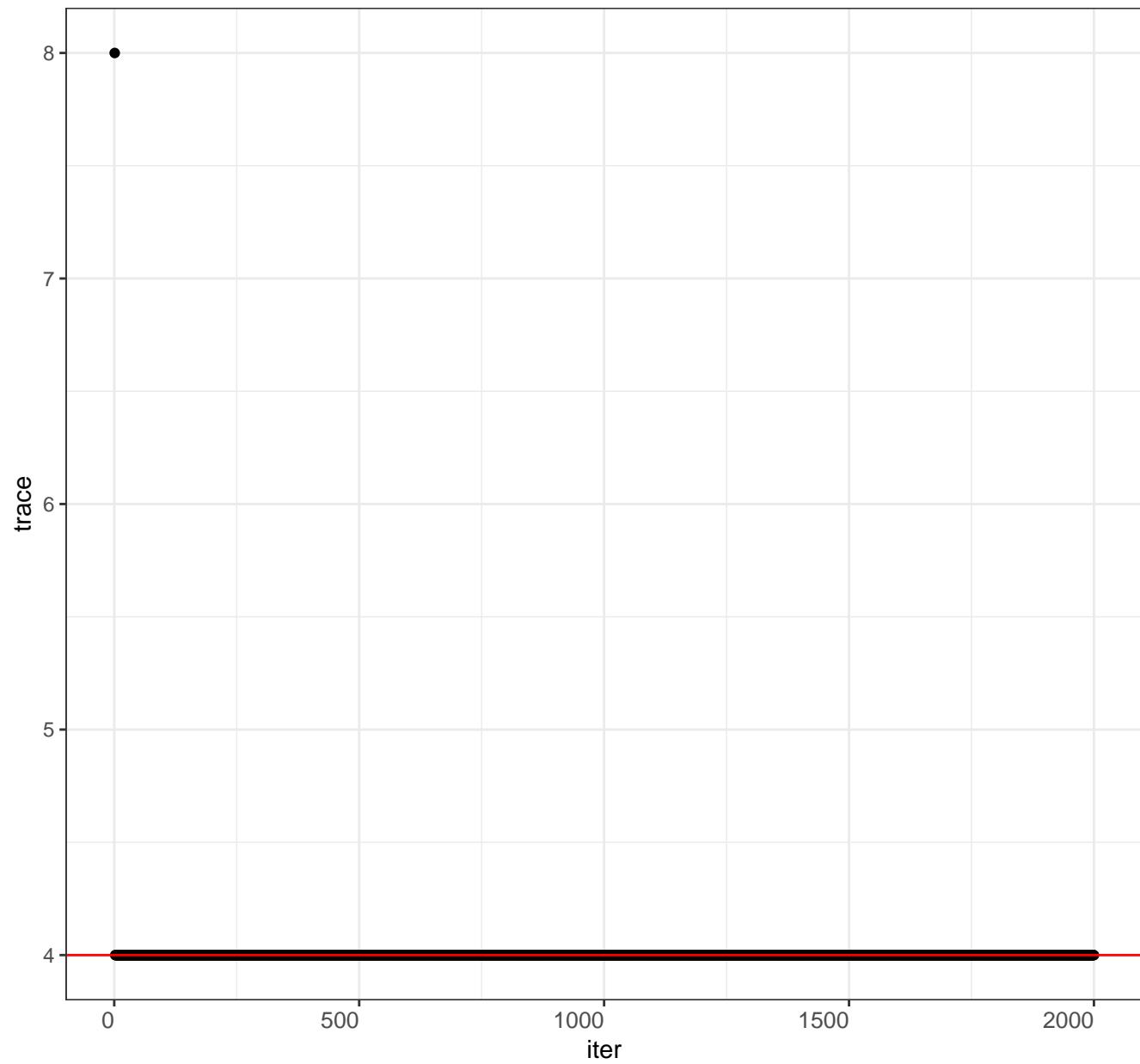
Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 r=20 true K=4 type=4

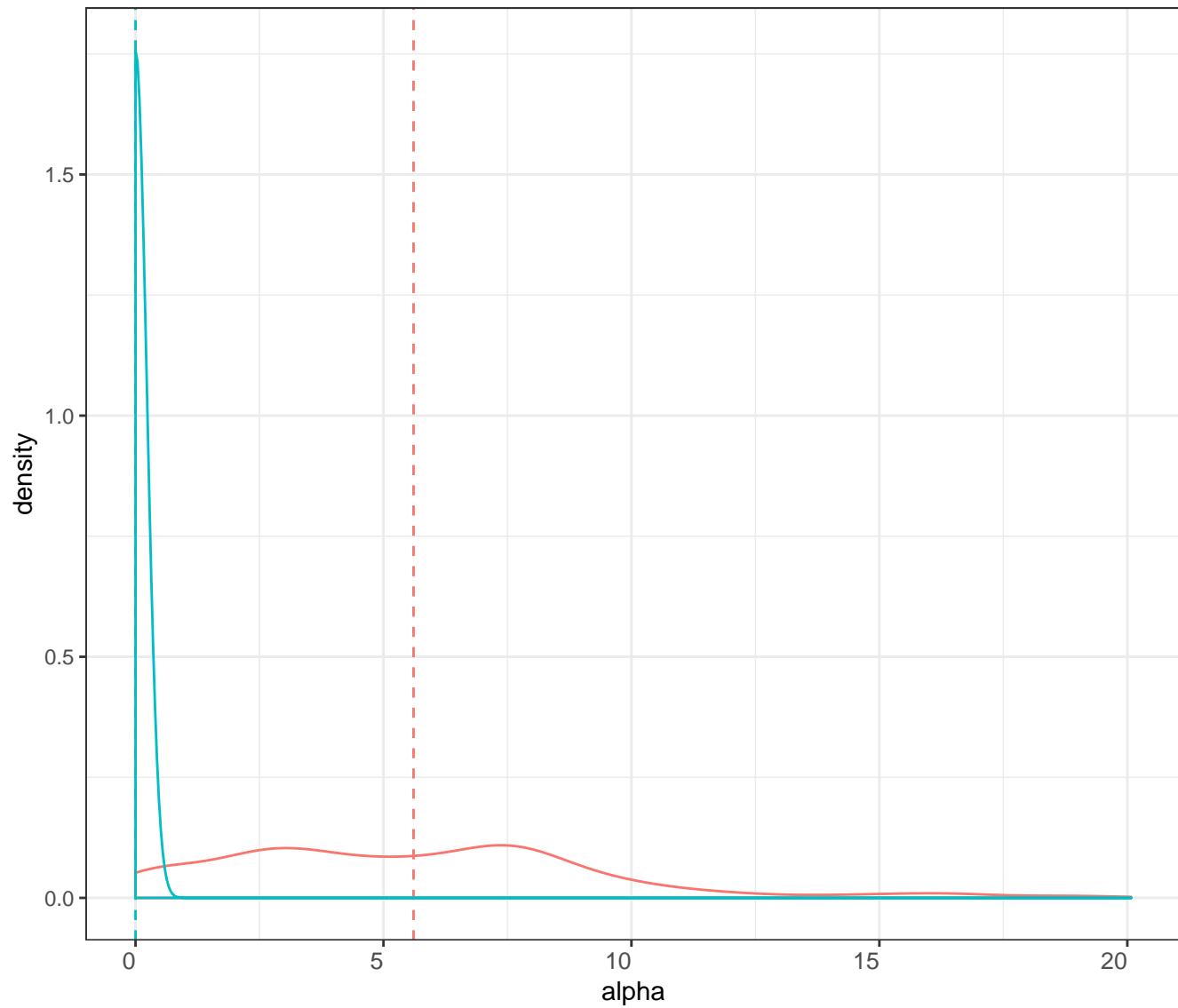
Trace plot for the number of groups K for S=80 r=20 true K=4 type=4



Number of iterations: 2000 burnin: 1000 number of samples: 500

Distribution alpha: S=80 ,r=20 true gr K=4 ,type=4 ,N=204

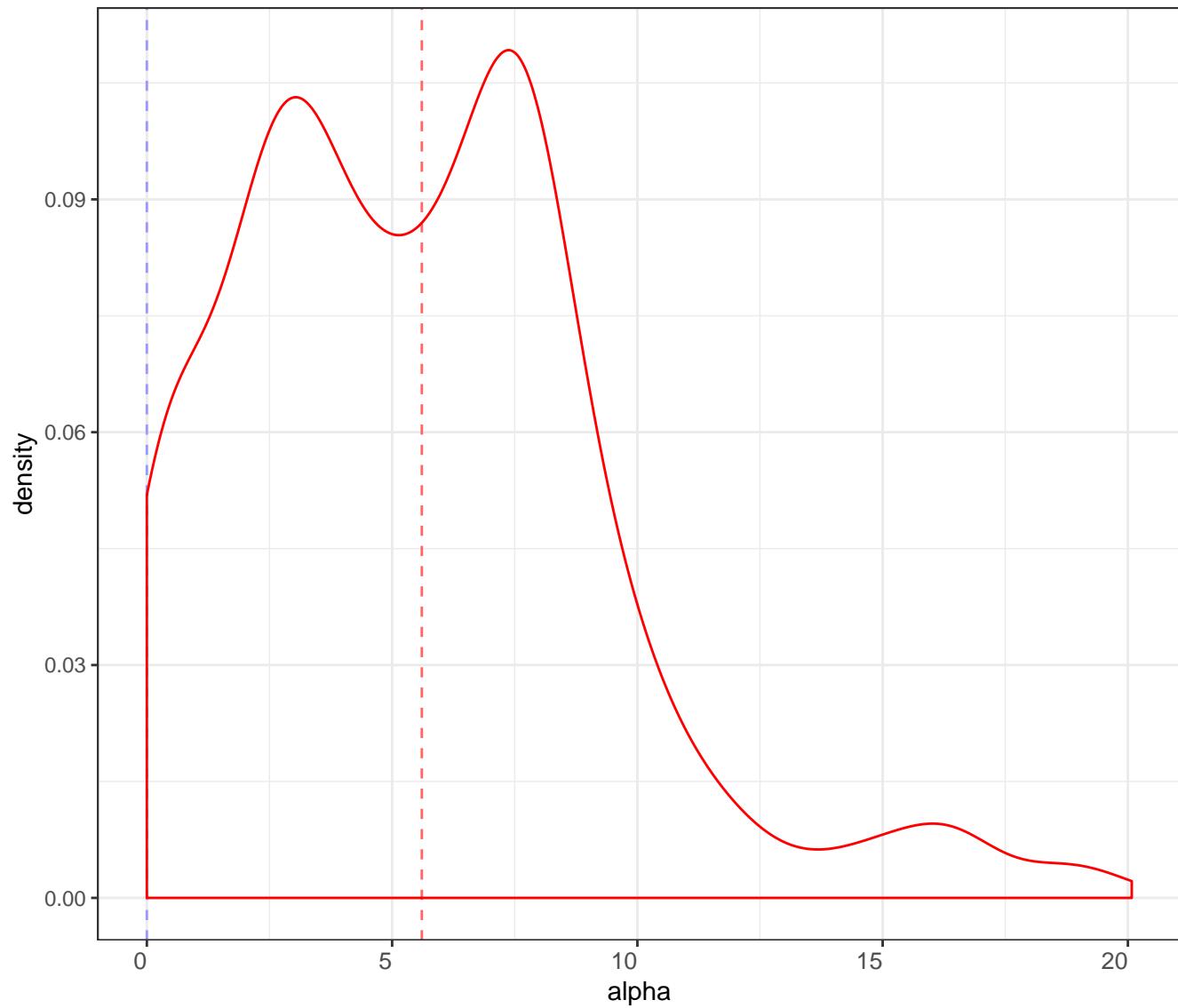
type | posterior | prior



Number of iterations: 2000 burnin: 1000 number of samples: 500

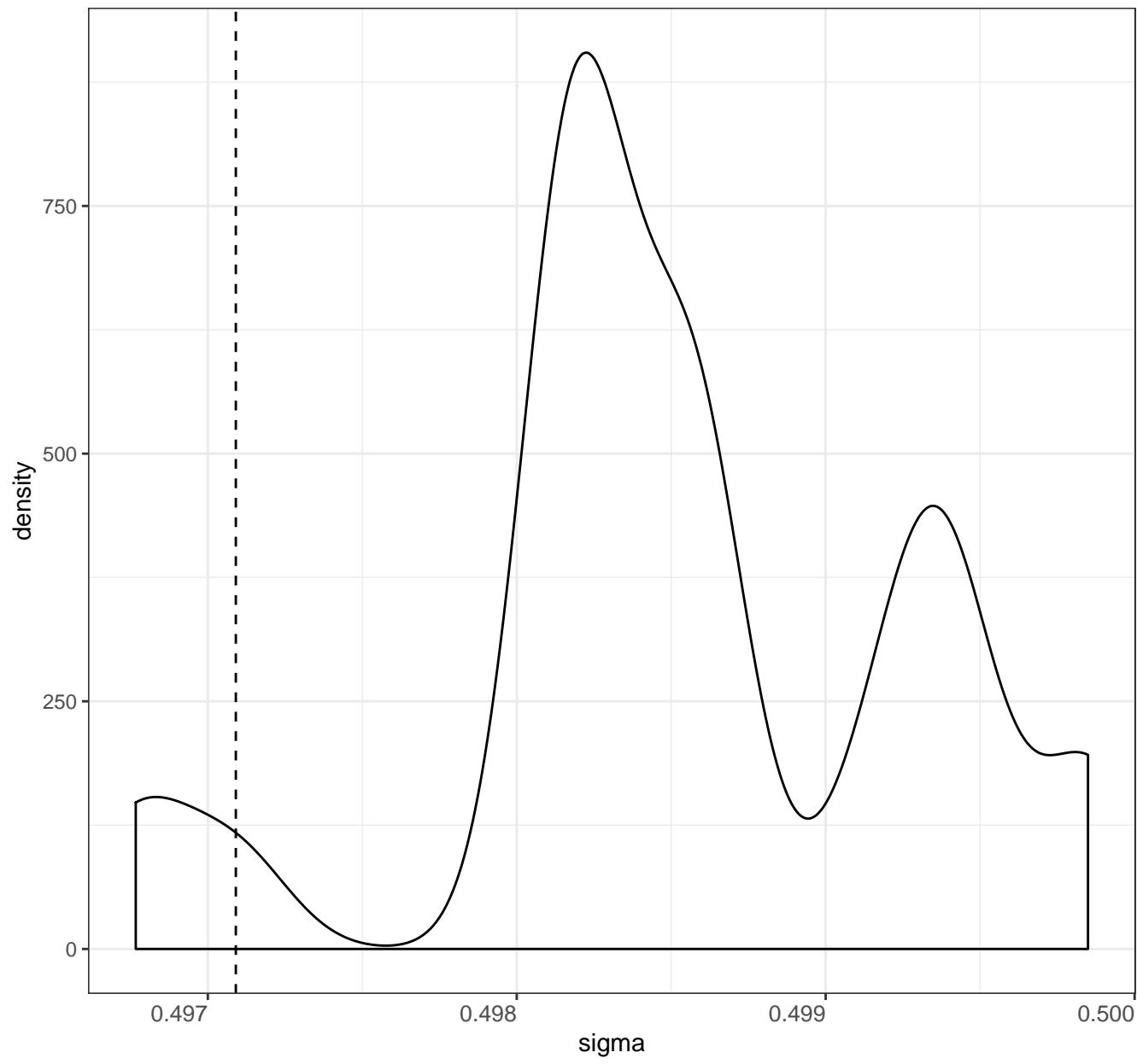
Posterior distribution for alpha

Legend | posterior mean | prior mean

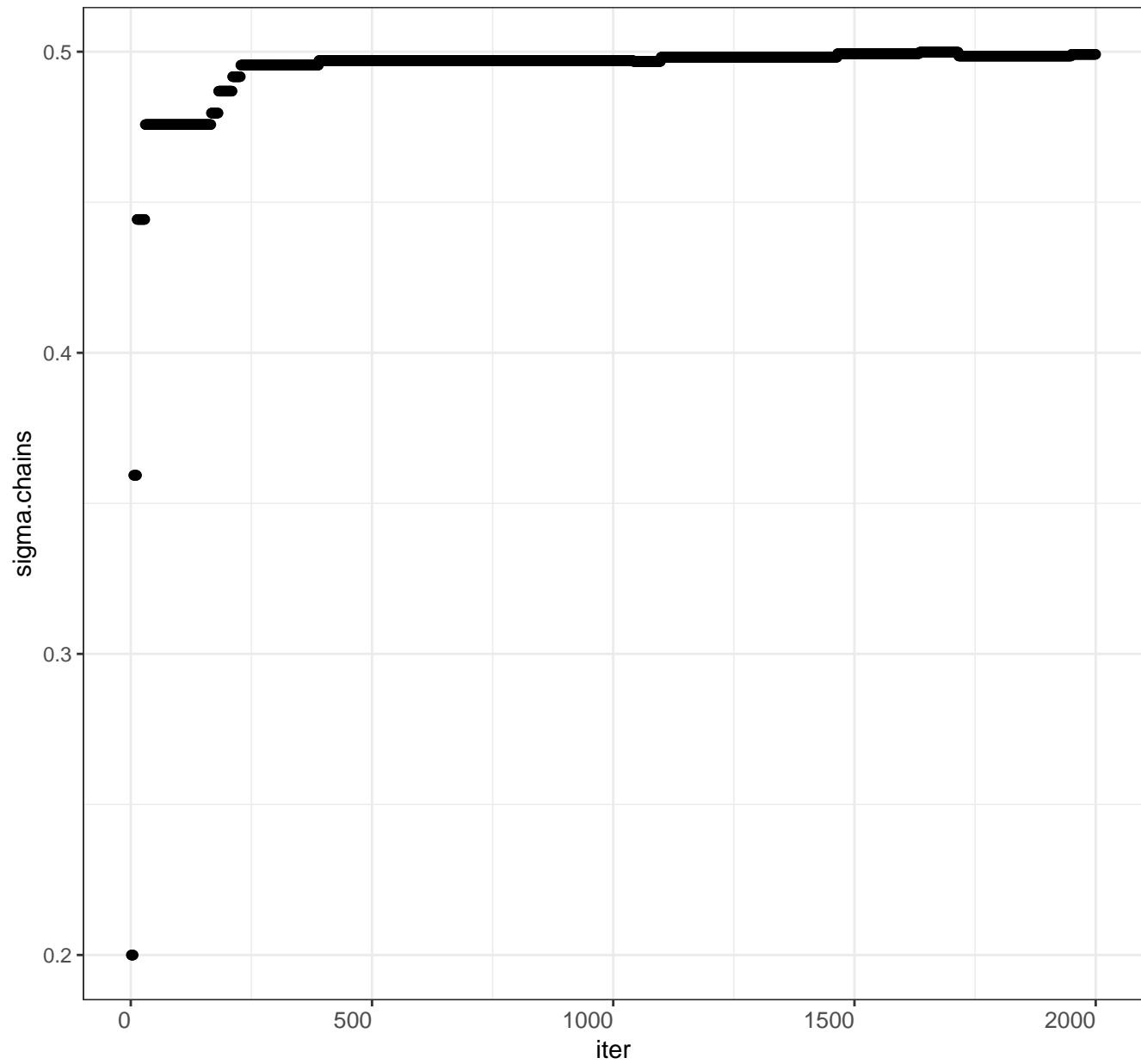


Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=20 true gr K=4 ,type=4 ,N=204

Distribution sigma: S=80 ,r=20 true gr K=4 ,type=4 ,N=204

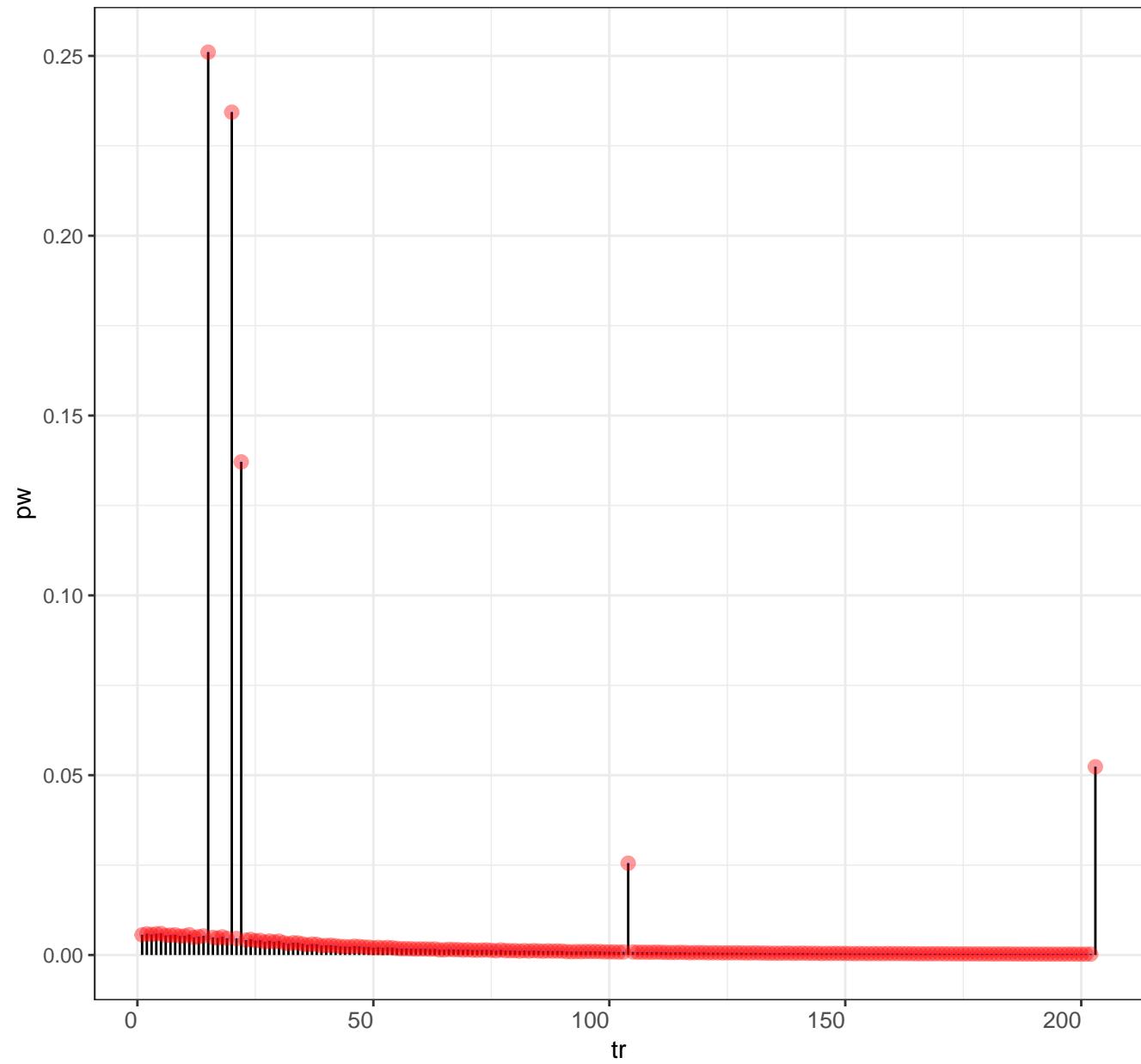


Trace plot for the sigma for S=80 r=20 true K=4 type=4



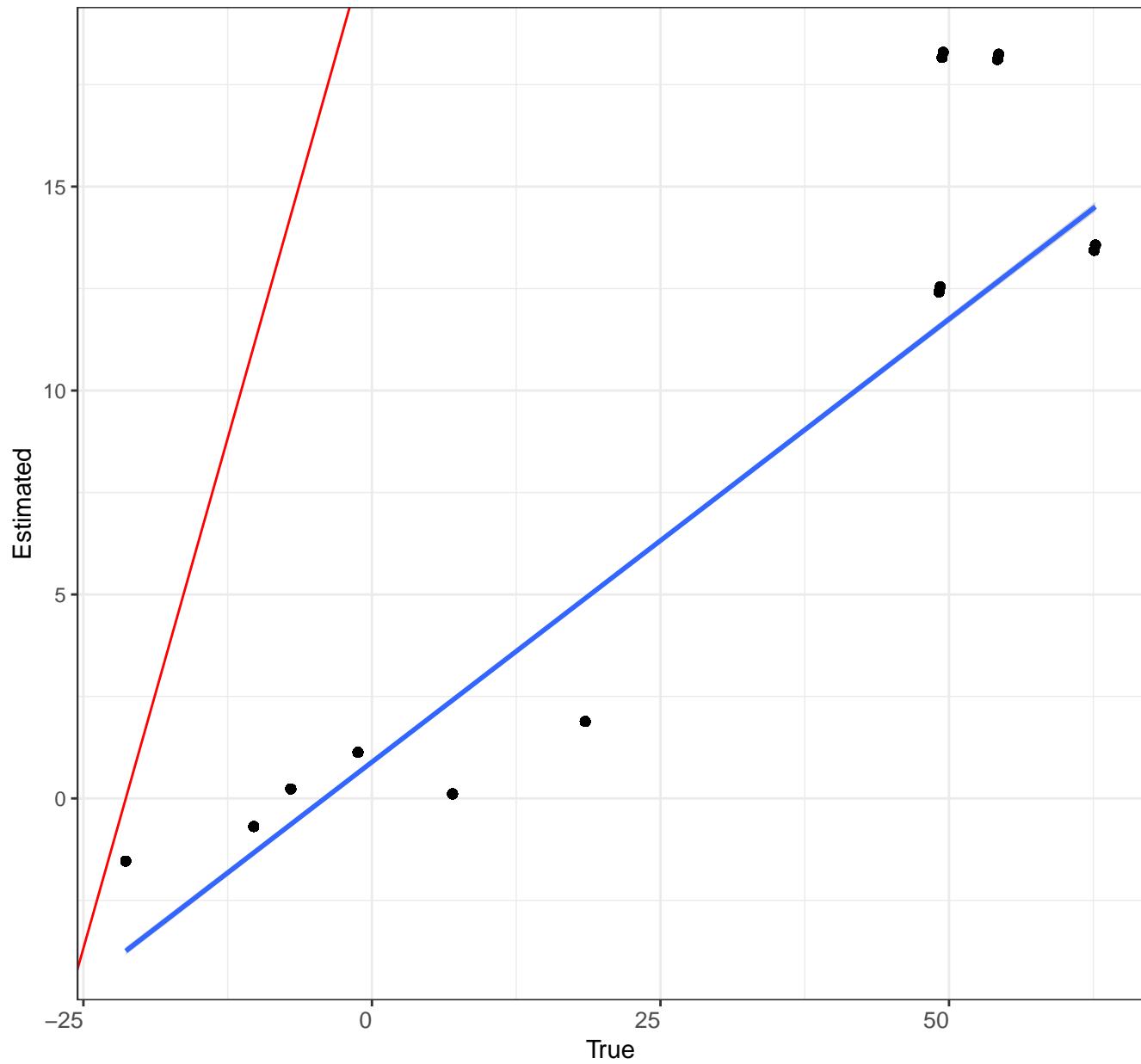
Number of iterations: 2000 burnin: 1000 number of samples: 500

Weights for the case: S=80 ,r=20 true gr K=4 ,type=4 ,N=204 pN=0.052



Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters



Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 r=20 true K=4 type=4