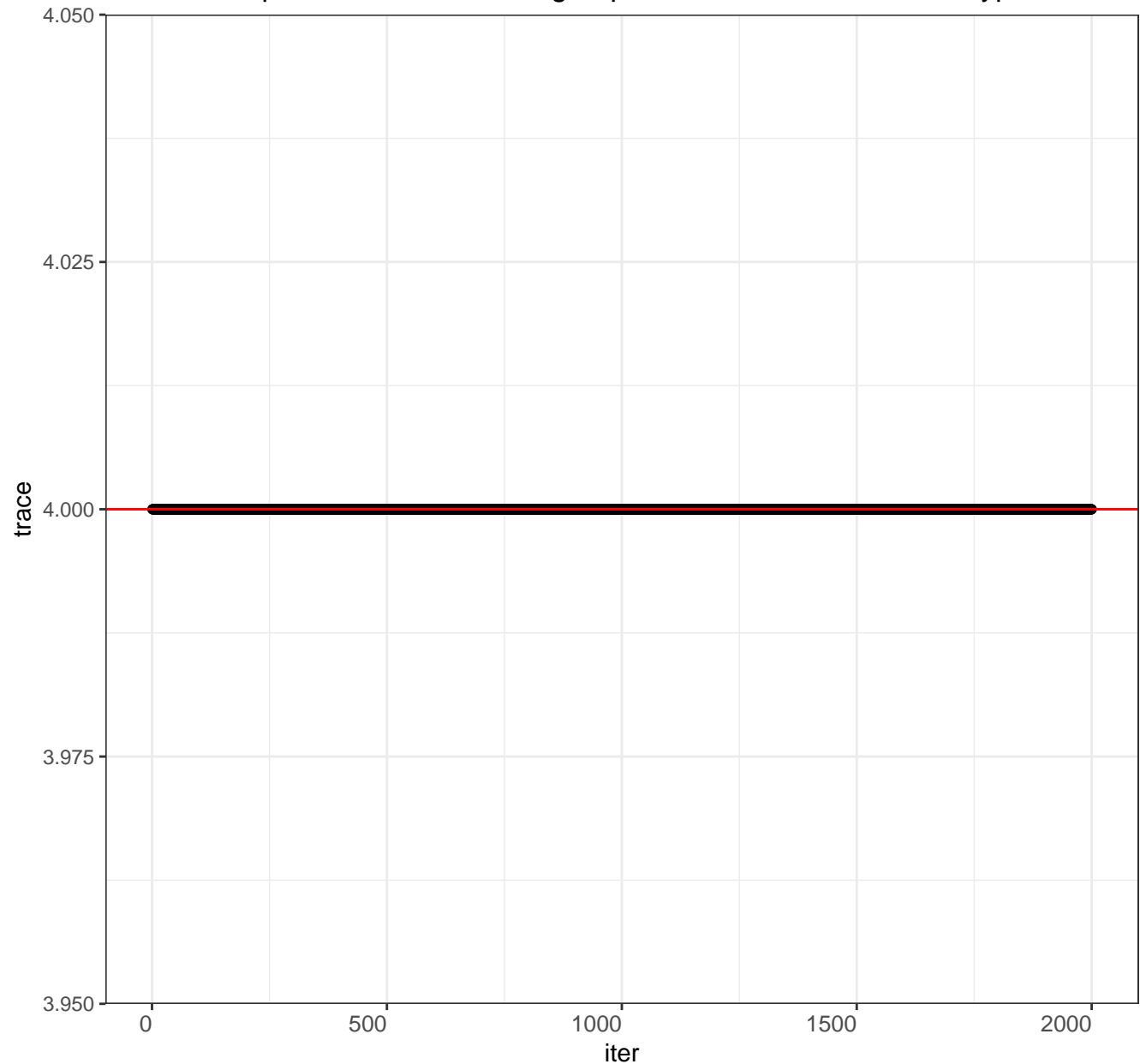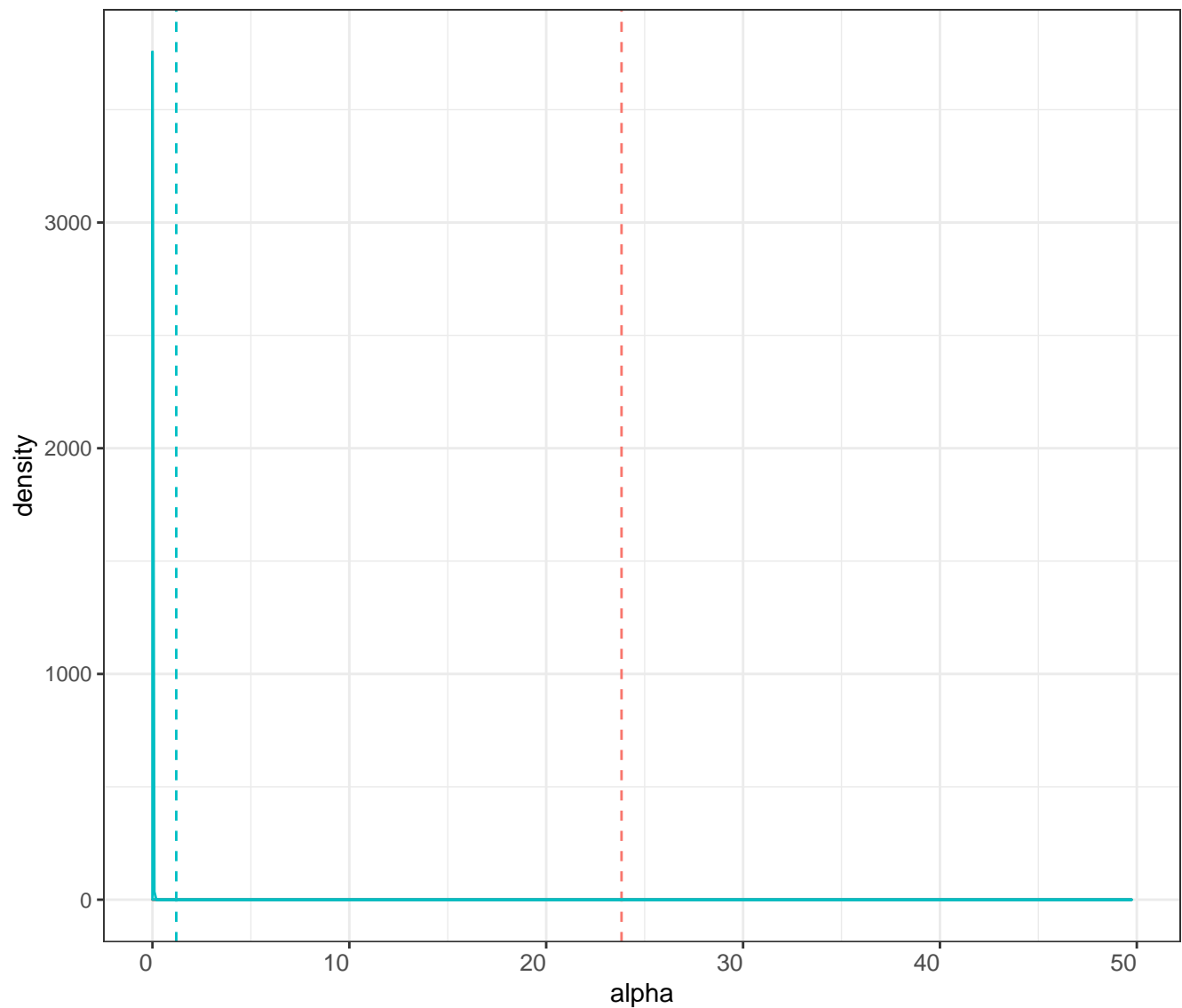Trace plot for the number of groups K for S=20 r=5 true K=4 type=1

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

Distribution alpha: S=20 ,r=5 true gr K=4 ,type=1 ,N=150

type posterior prior

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=1 ,N=150

Weights for the case: S=20 ,r=5 true gr K=4 ,type=1 ,N=150 pN=0.004

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

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=20 r=5 true K=4 type=1

Trace plot for the number of groups K for S=20 r=5 true K=4 type=1

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

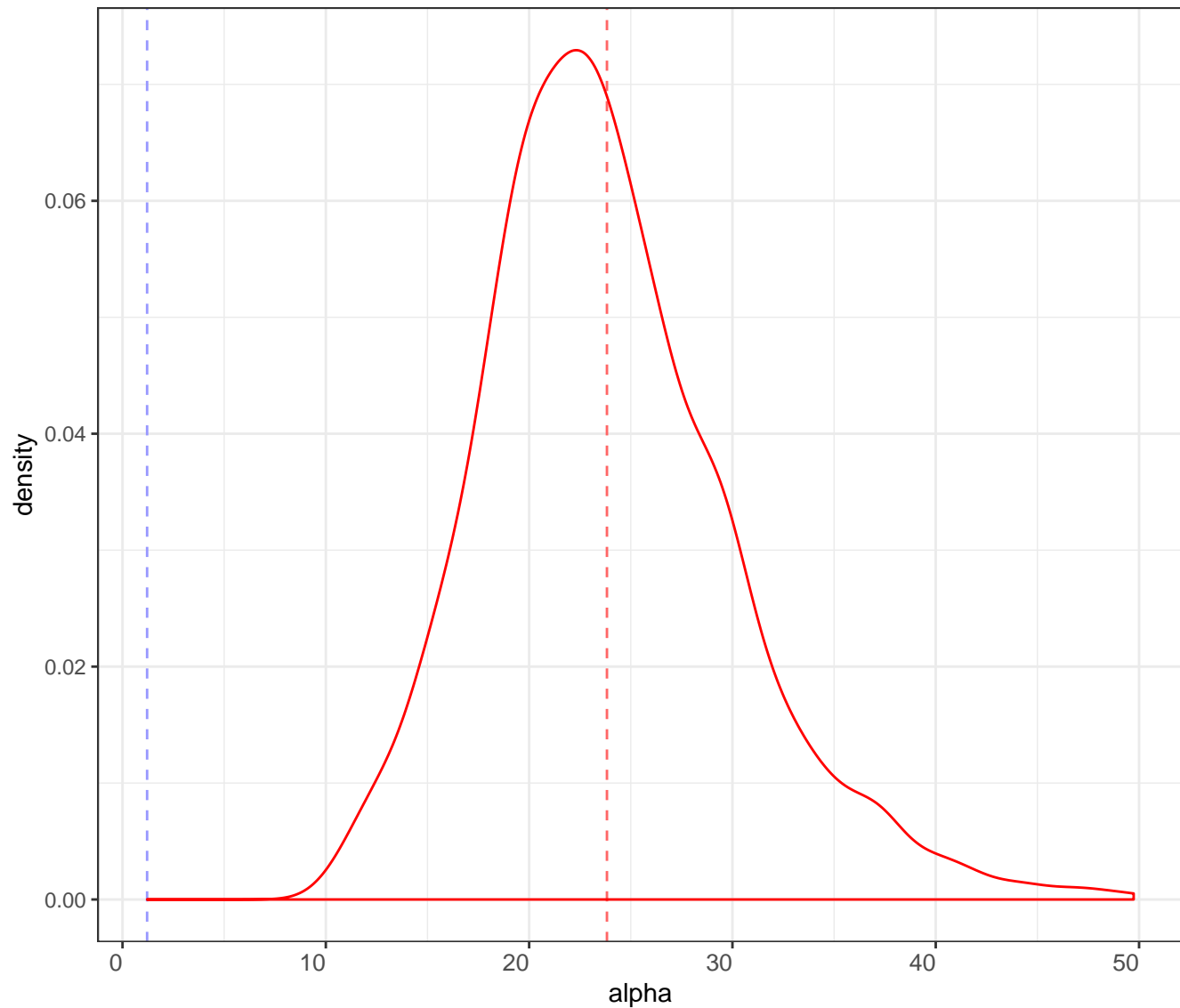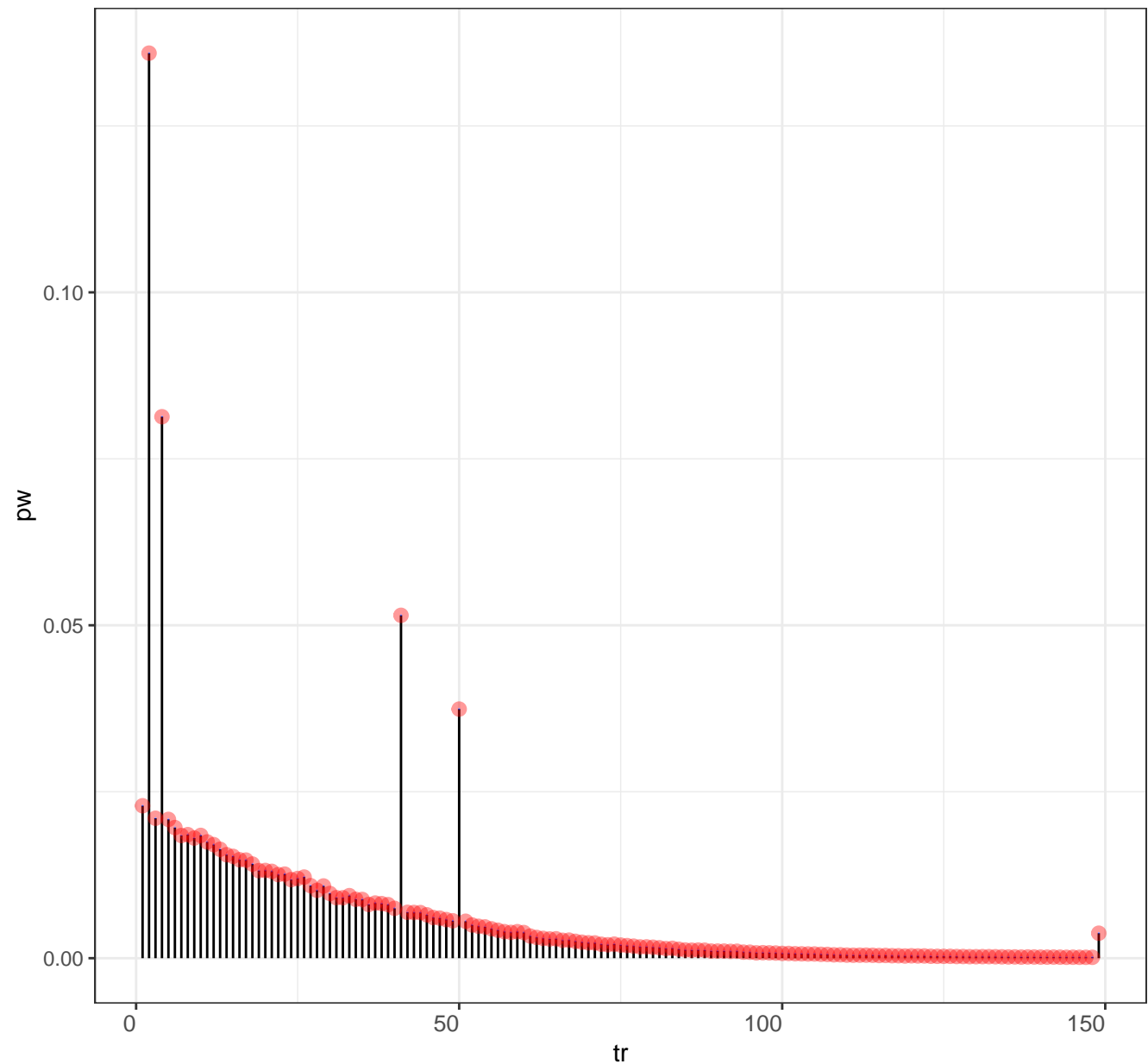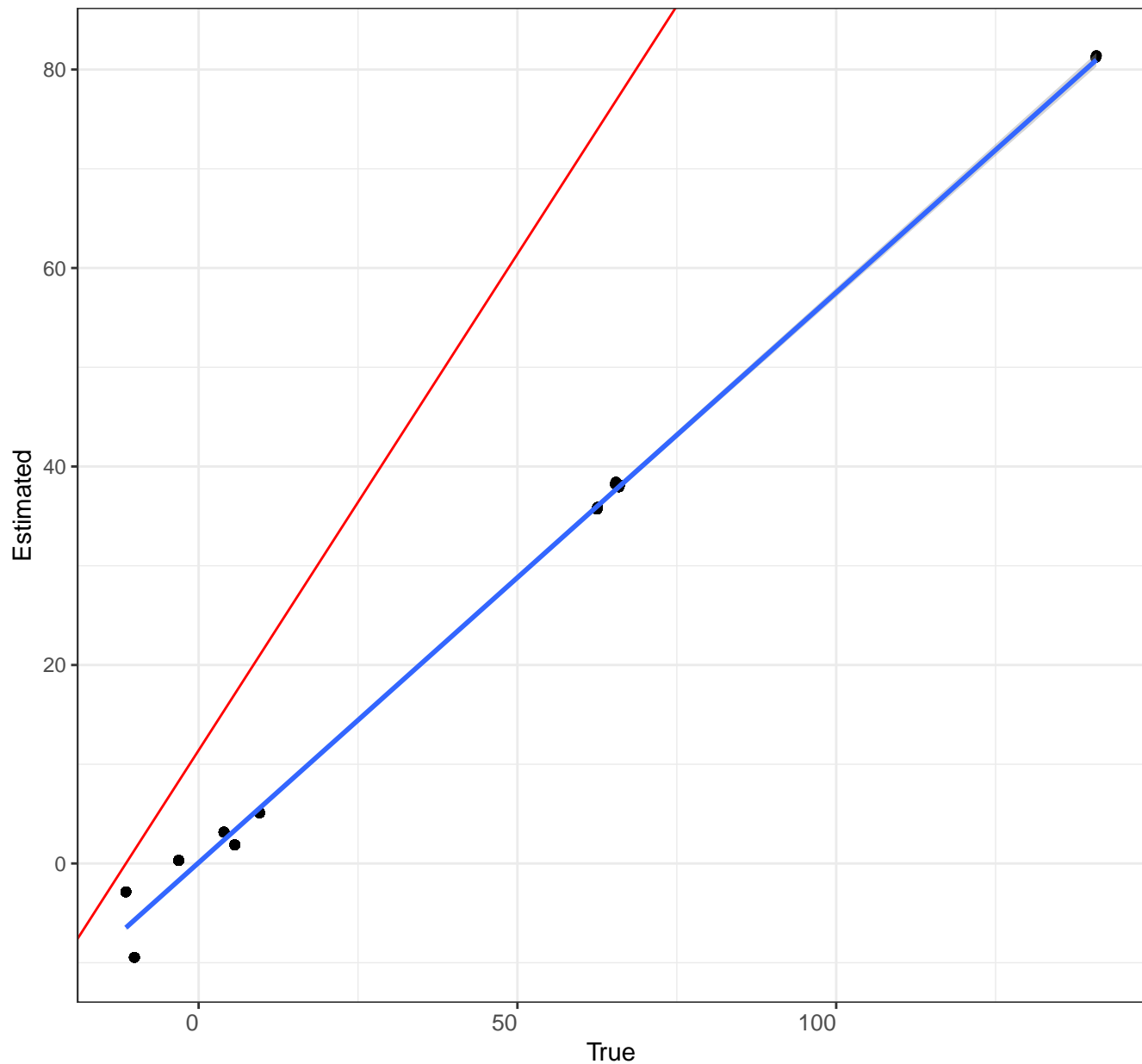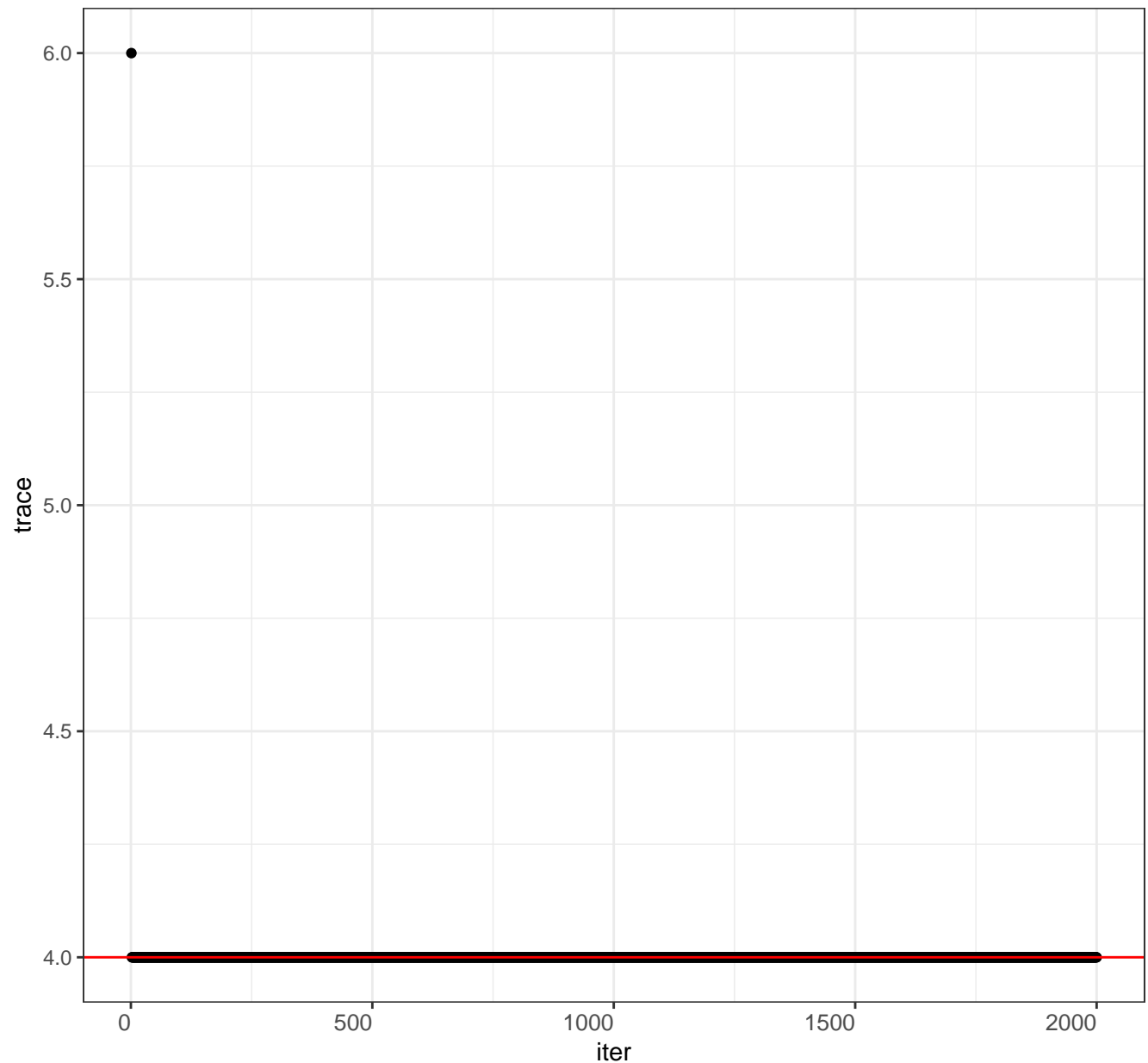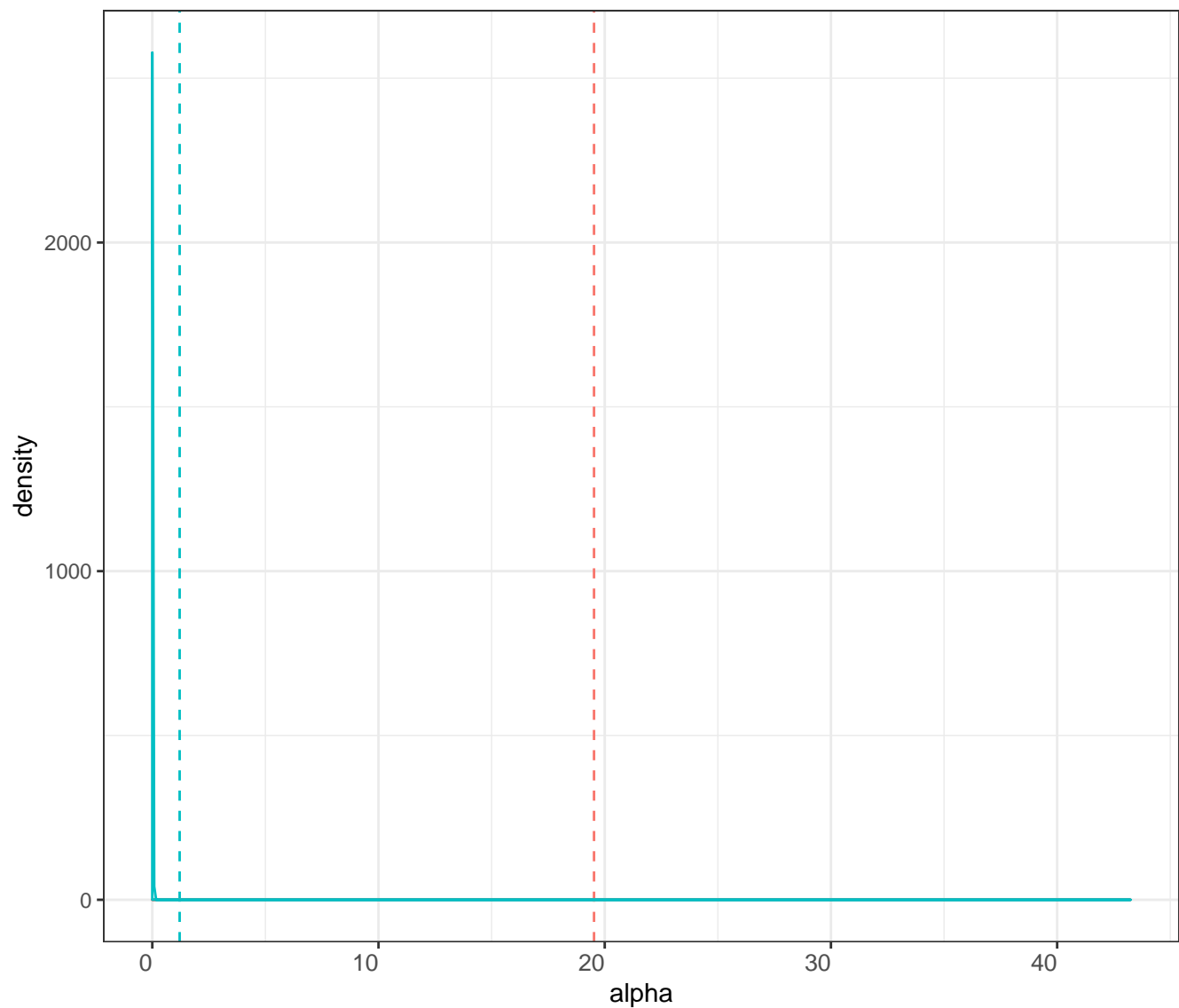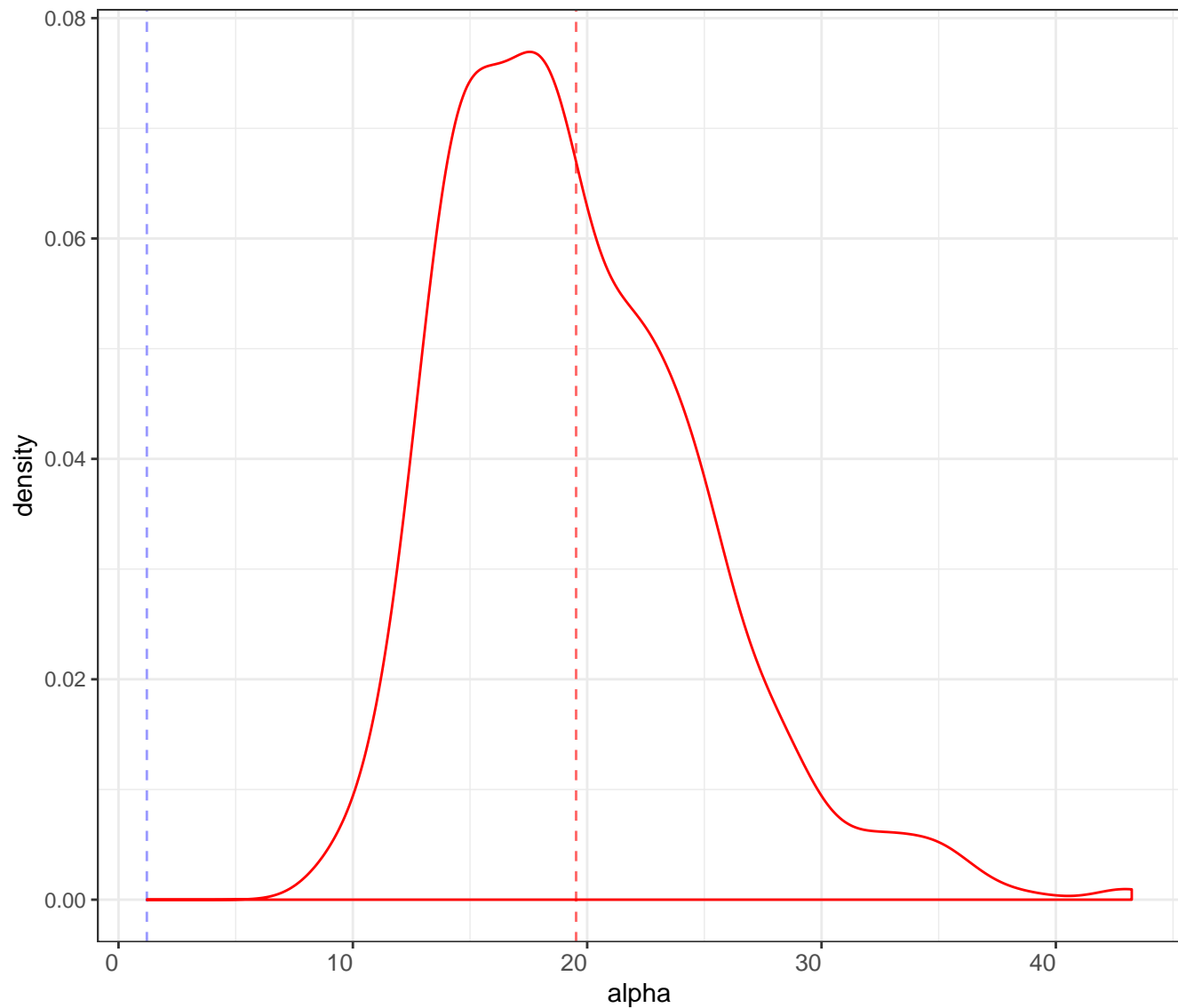Distribution alpha: S=20 ,r=5 true gr K=4 ,type=1 ,N=150

type — posterior — prior

Number of iterations: 2000 burnin: 1000 number of samples: 500
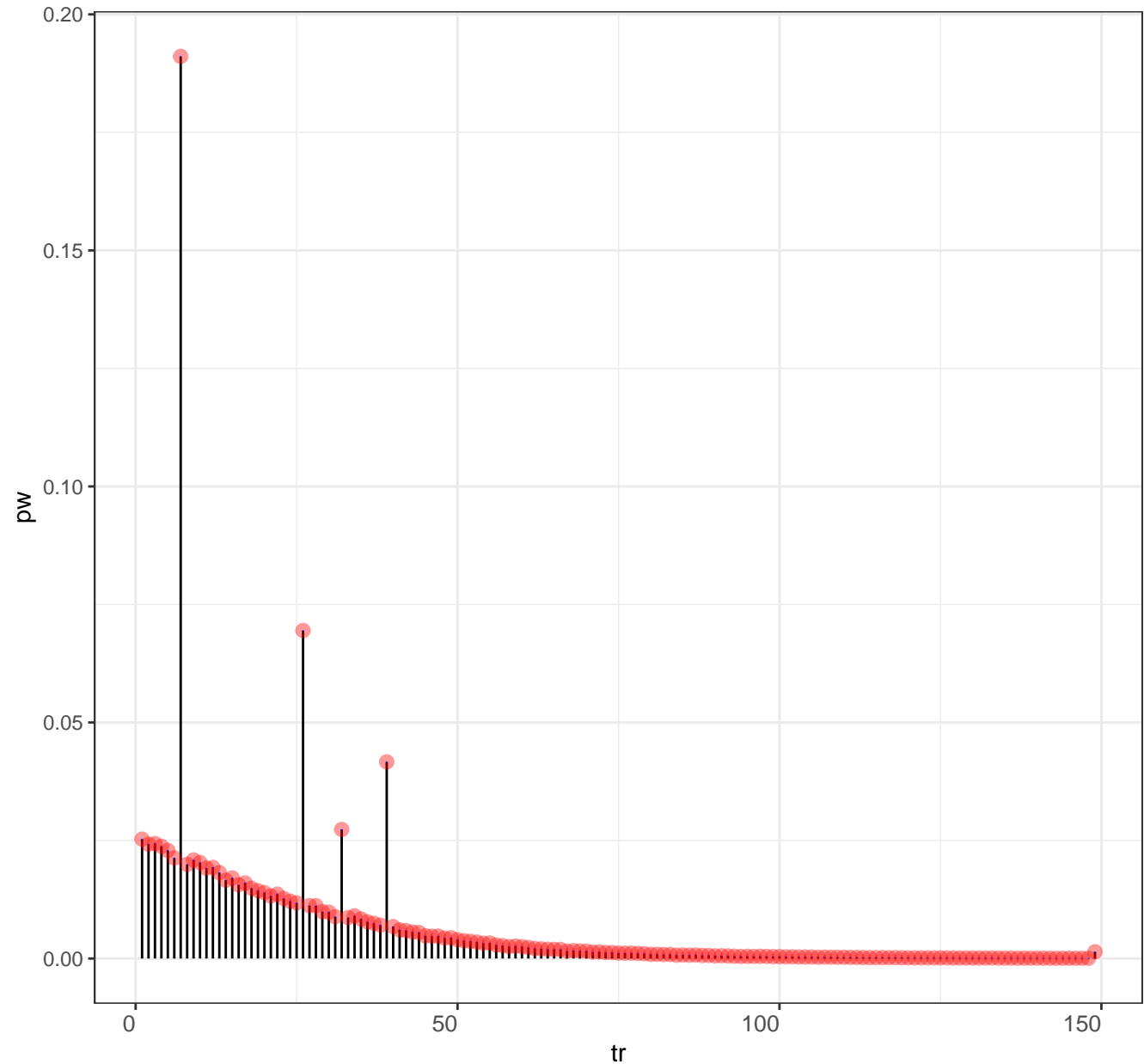
Posterior distribution for alpha

Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=5 true gr K=4 ,type=1 ,N=150
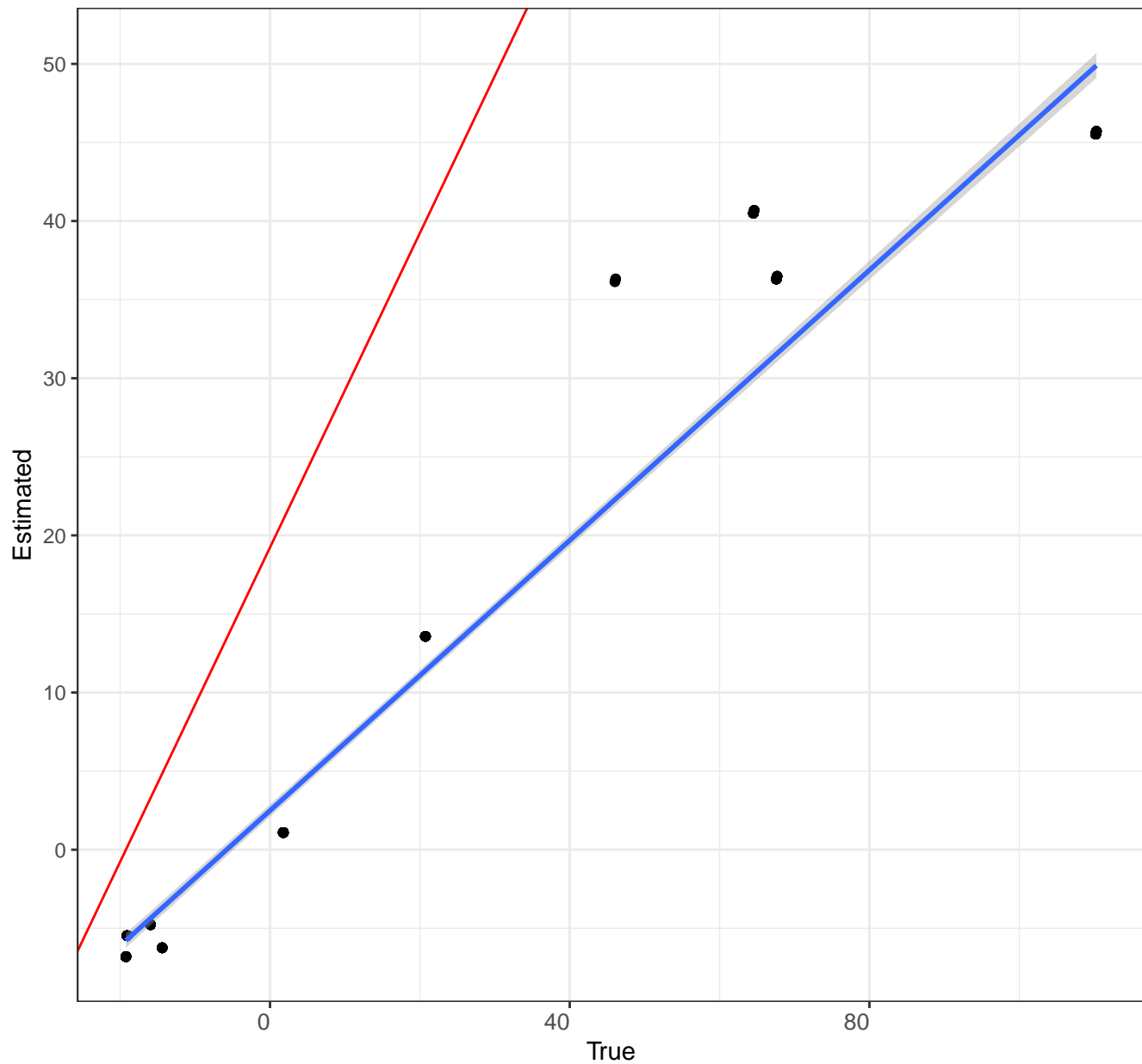
Weights for the case: S=20 ,r=5 true gr K=4 ,type=1 ,N=150 pN=0.001
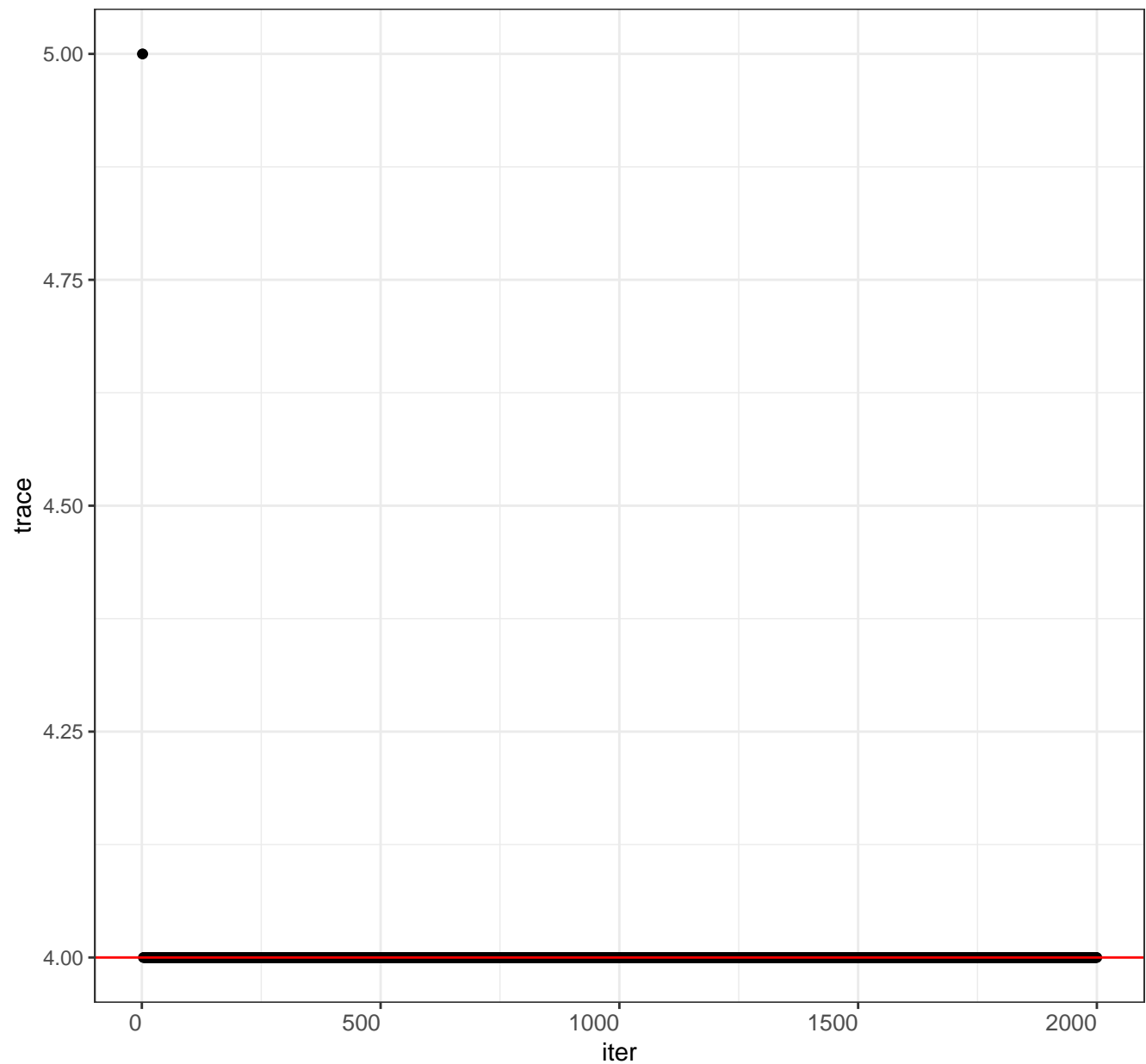
Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=20 r=5 true K=4 type=1
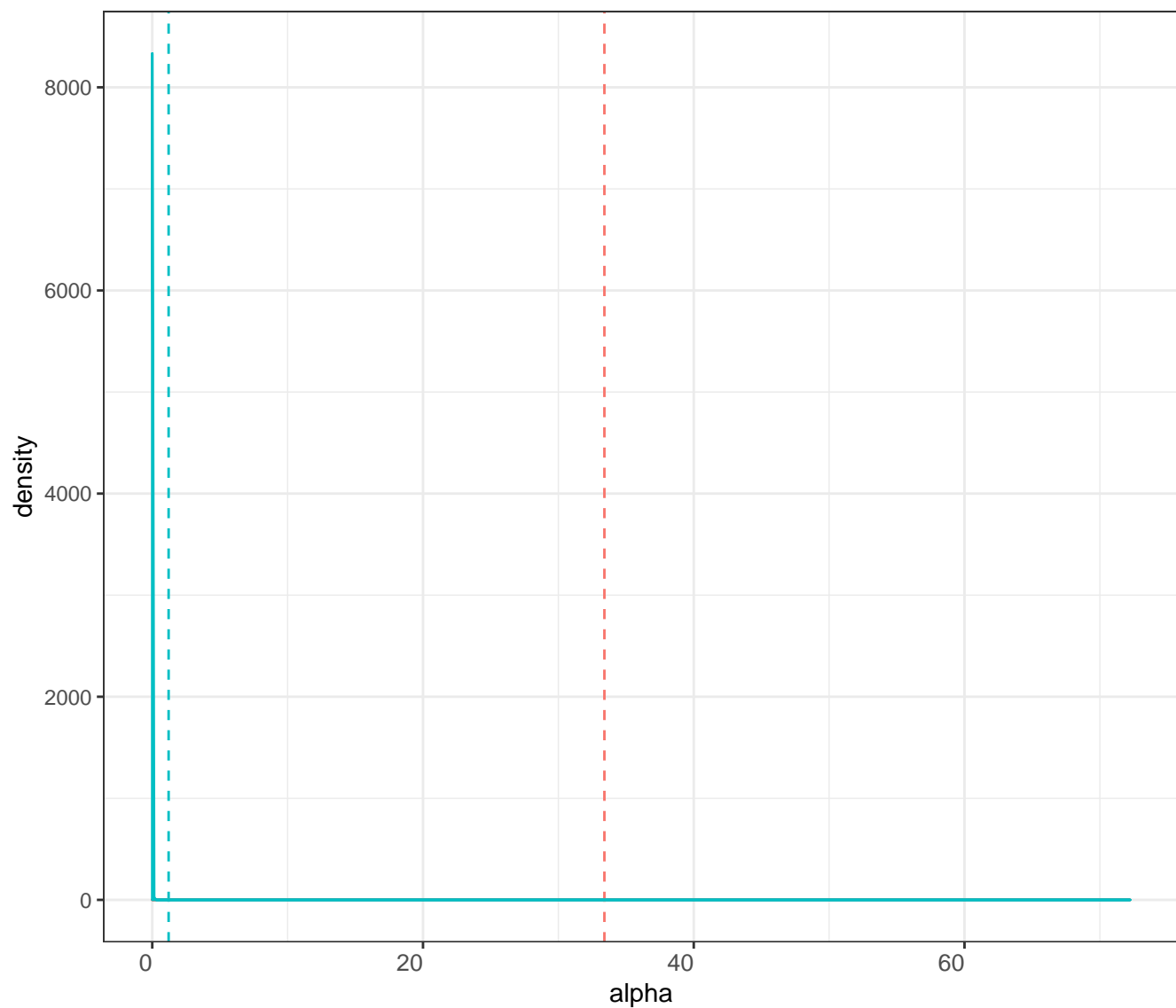
Trace plot for the number of groups K for S=20 r=5 true K=4 type=1

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

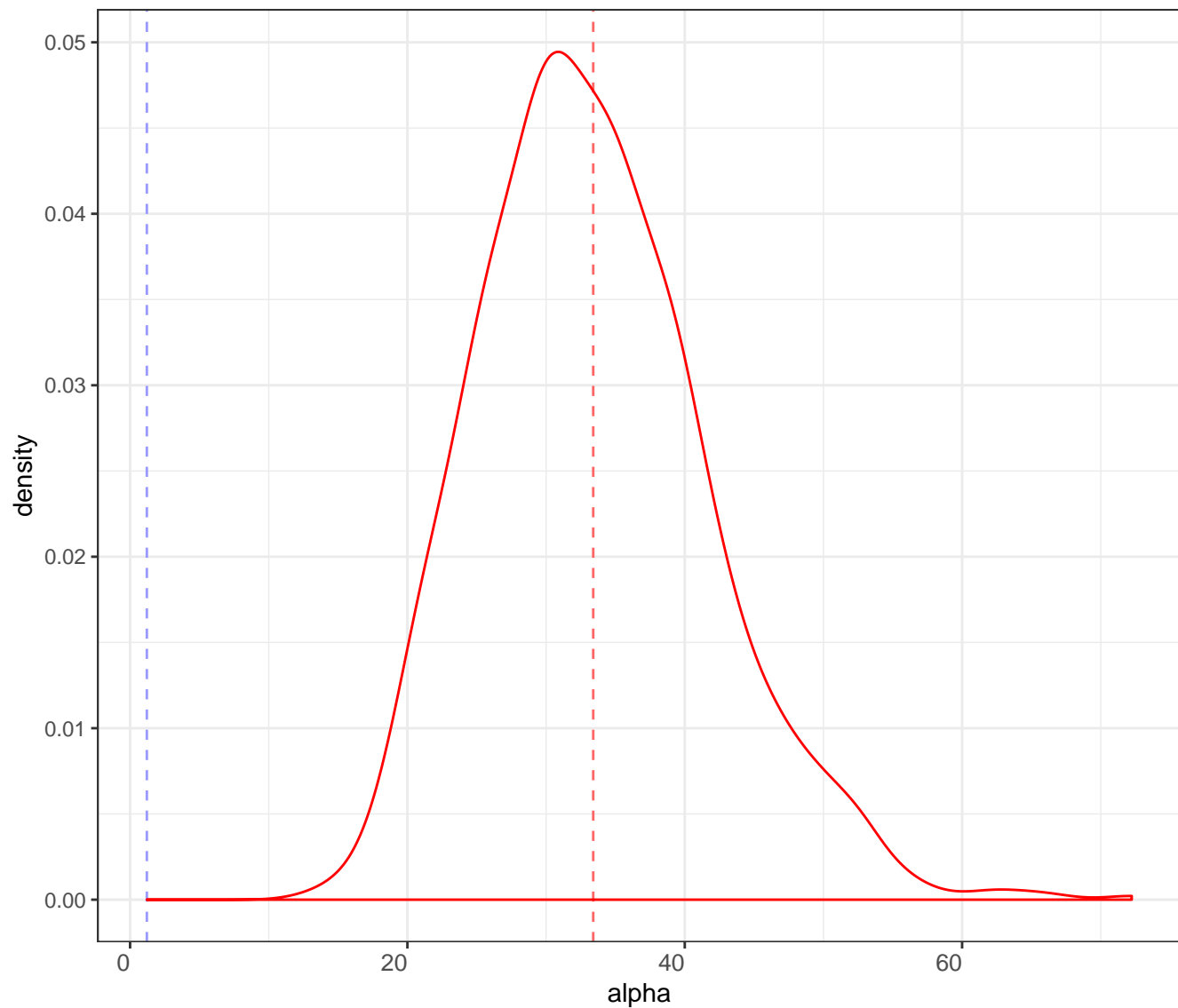Distribution alpha: S=20 ,r=5 true gr K=4 ,type=1 ,N=150

type — posterior — prior

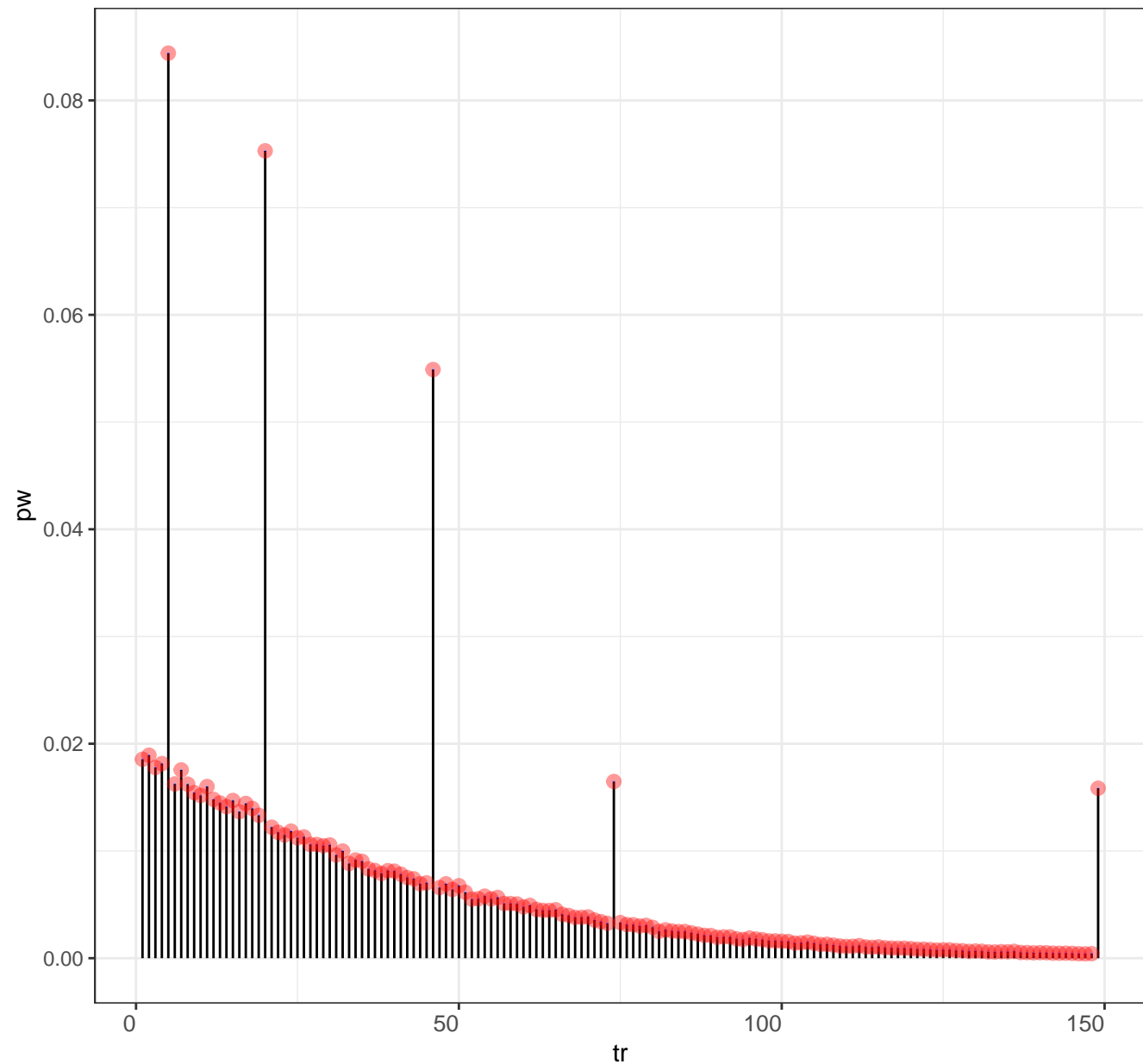Number of iterations: 2000 burnin: 1000 number of samples: 500

Posterior distribution for alpha
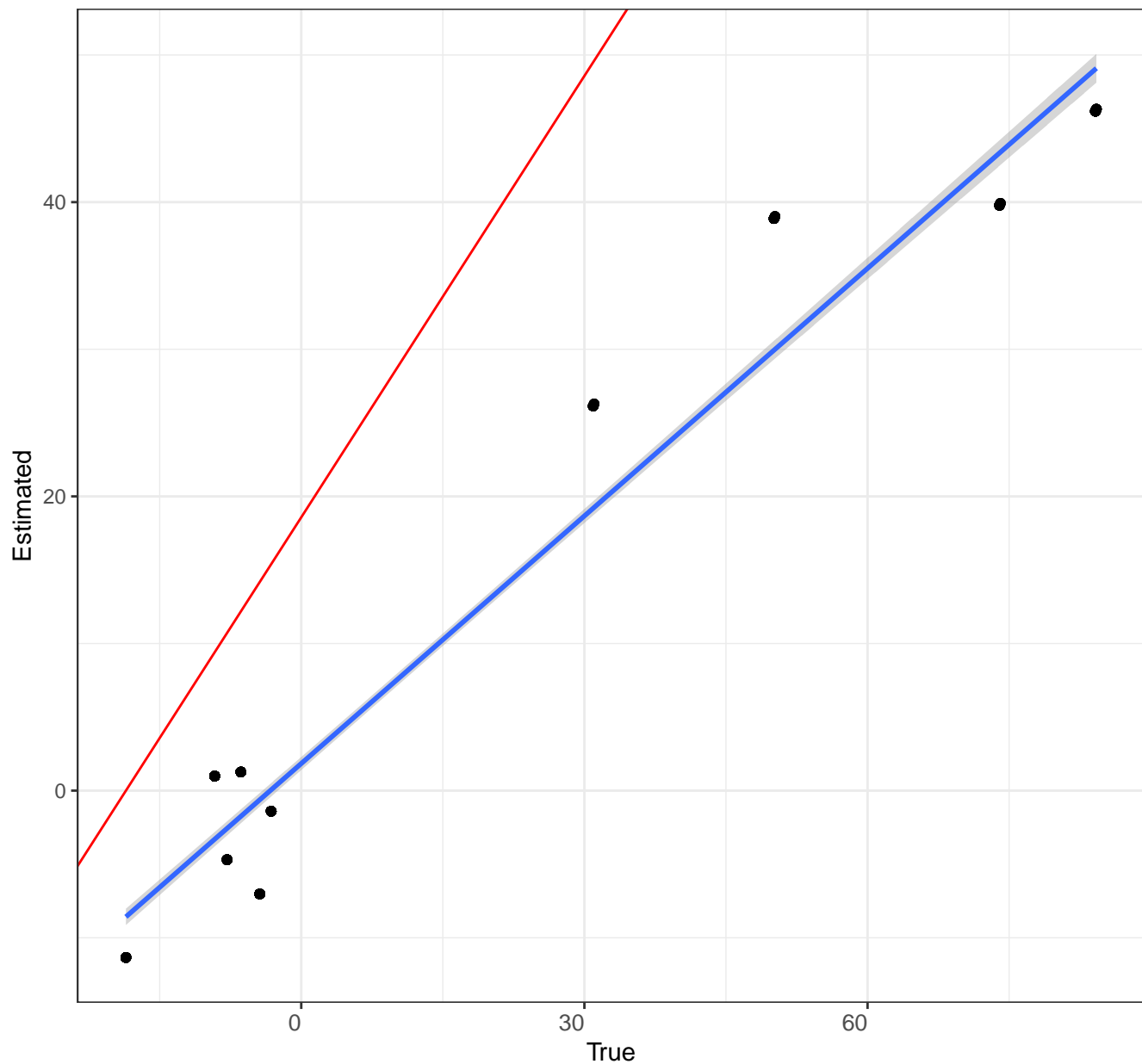
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=5 true gr K=4 ,type=1 ,N=150

Weights for the case: S=20 ,r=5 true gr K=4 ,type=1 ,N=150 pN=0.016
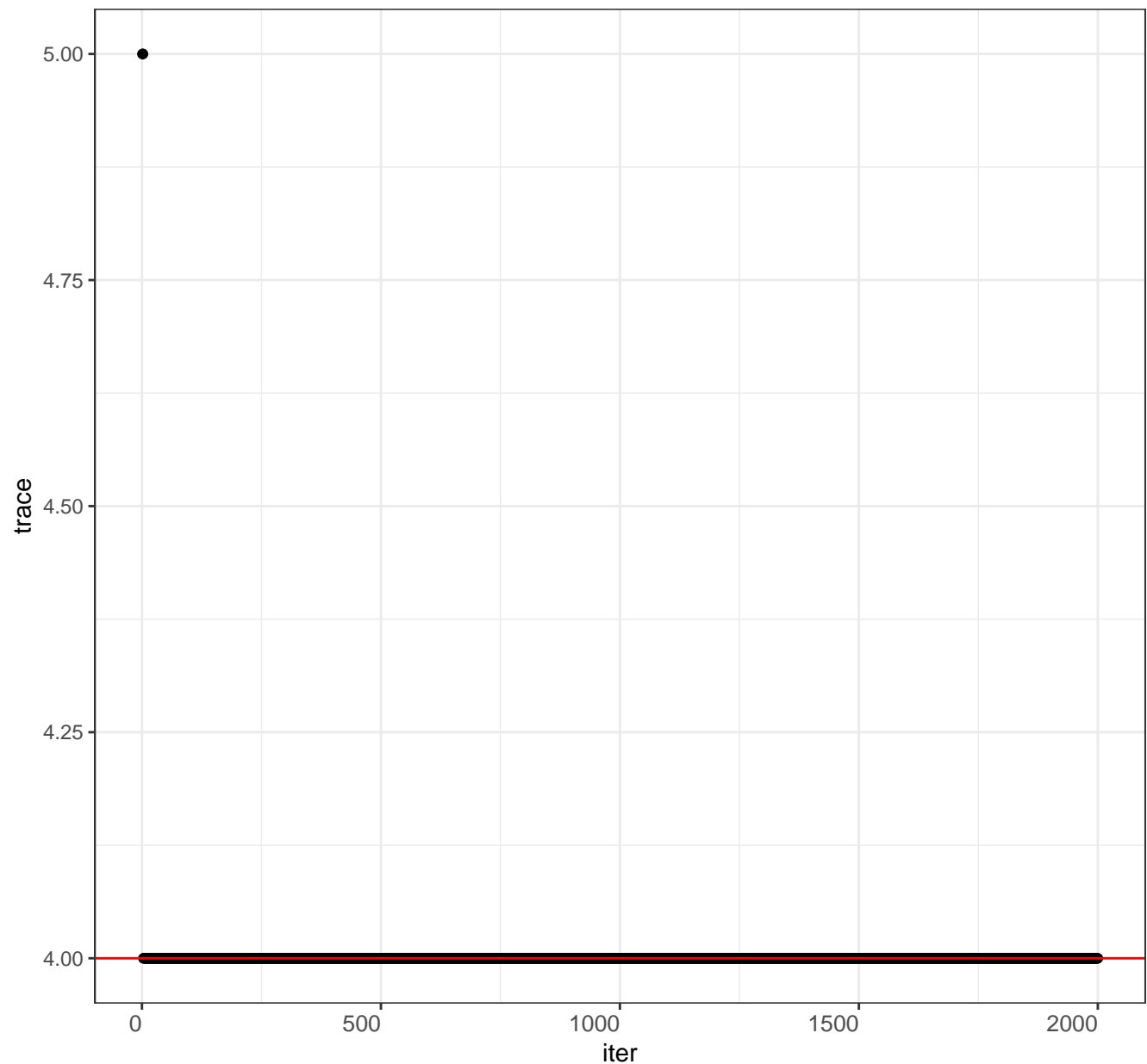
Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=20 r=5 true K=4 type=1

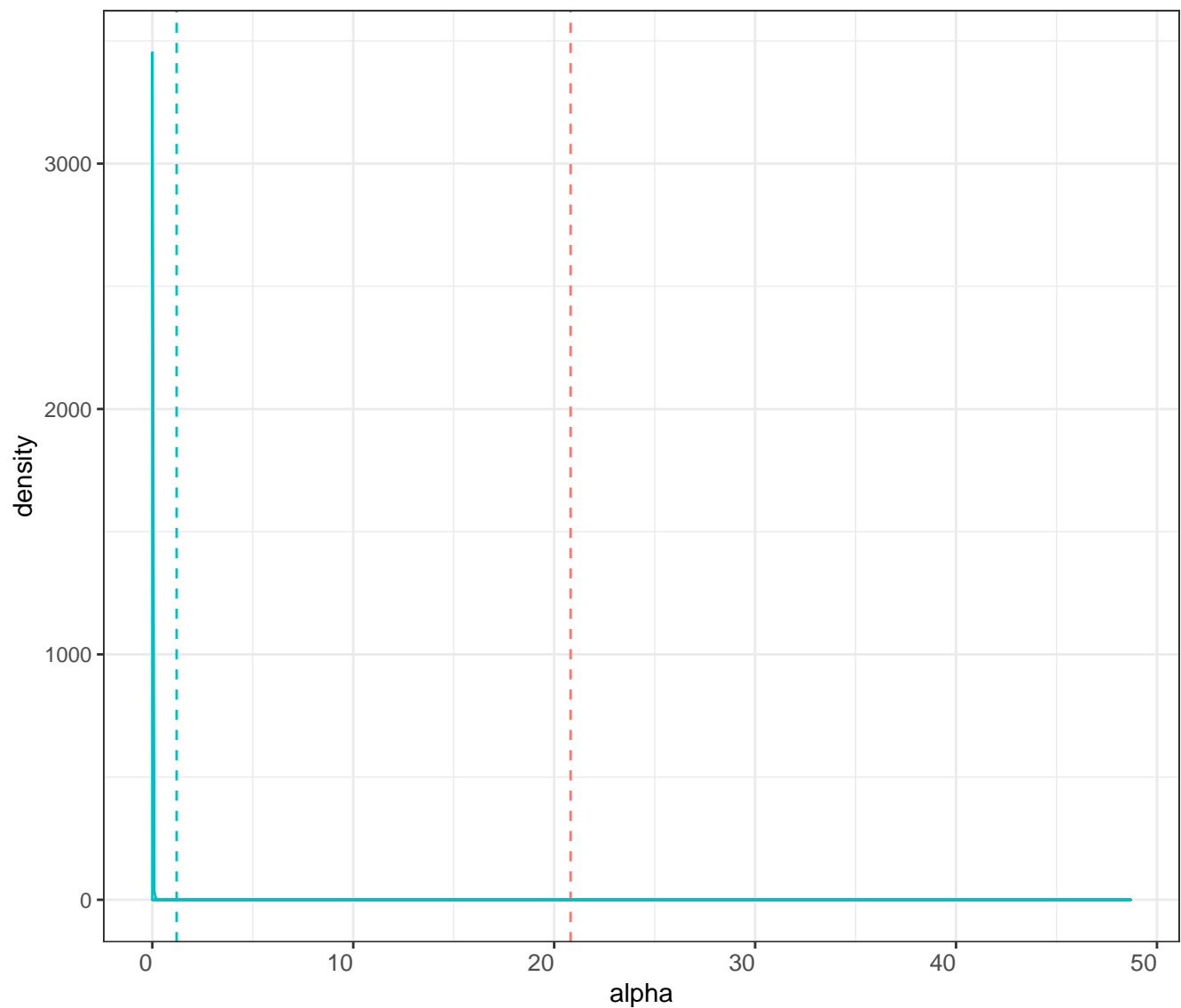Trace plot for the number of groups K for S=20 r=5 true K=4 type=1

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

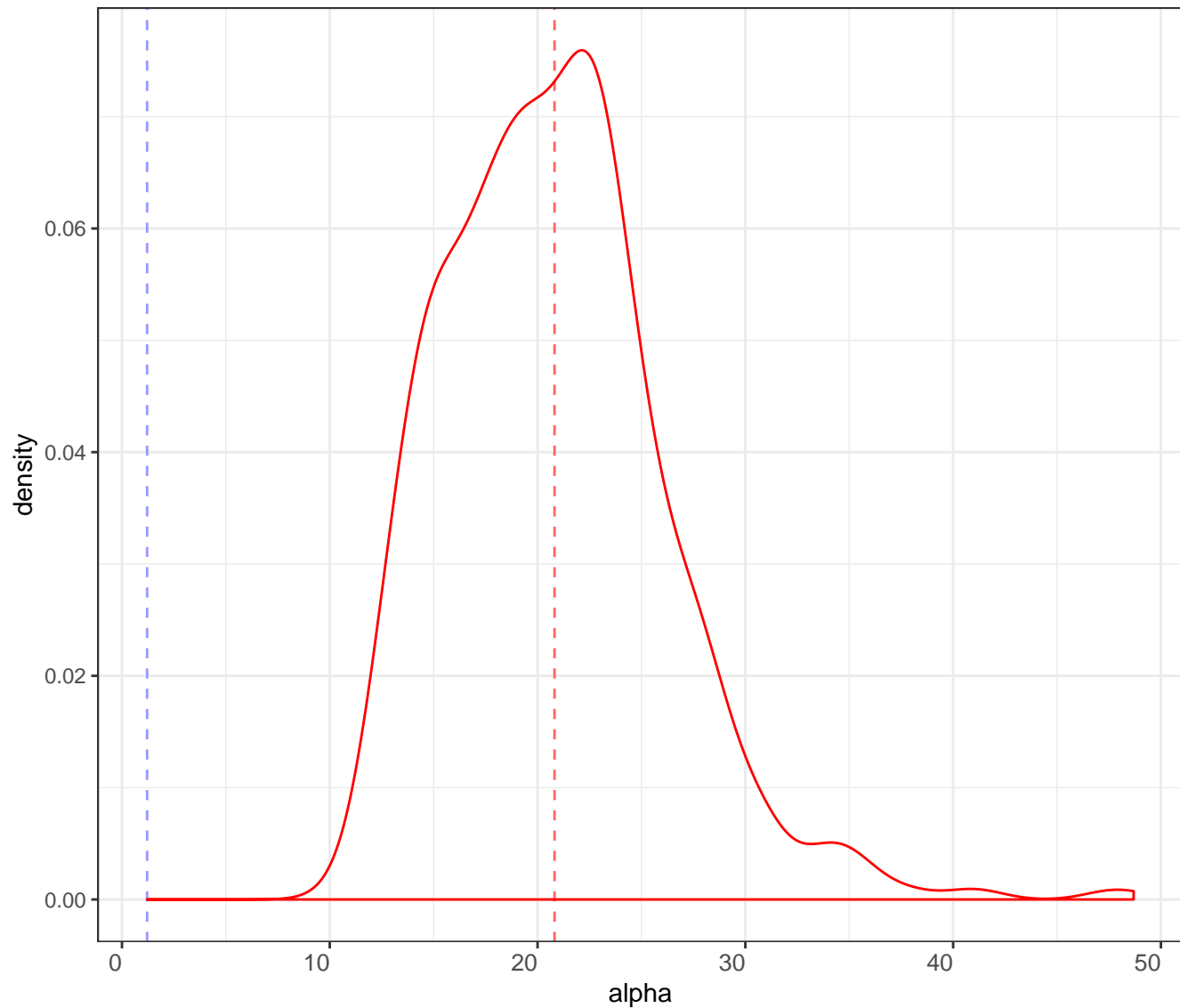Distribution alpha: S=20 ,r=5 true gr K=4 ,type=1 ,N=150

type ┆ posterior ┆ prior

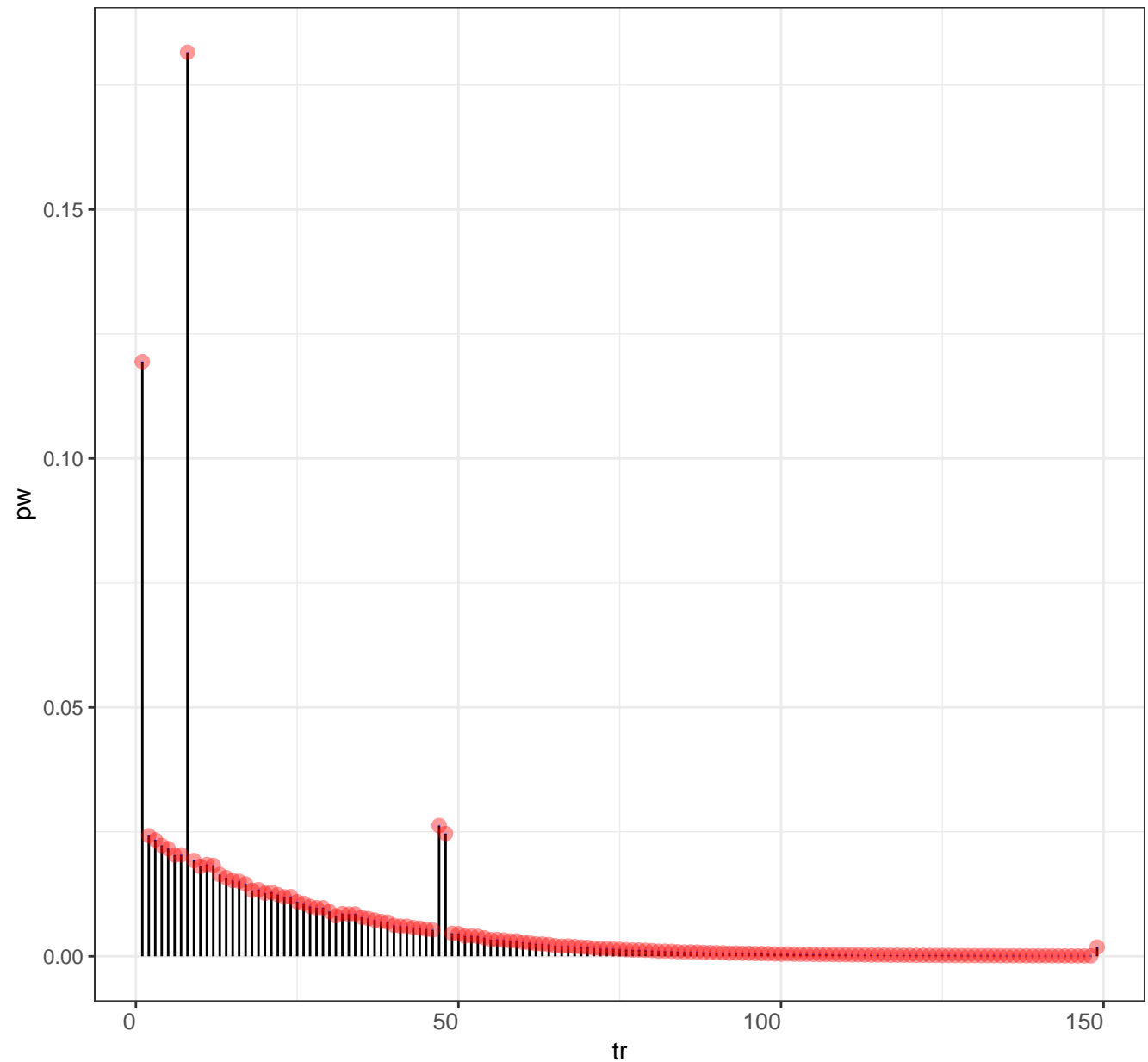Number of iterations: 2000 burnin: 1000 number of samples: 500

Posterior distribution for alpha

Legend   ┊ posterior mean   ┊ prior mean

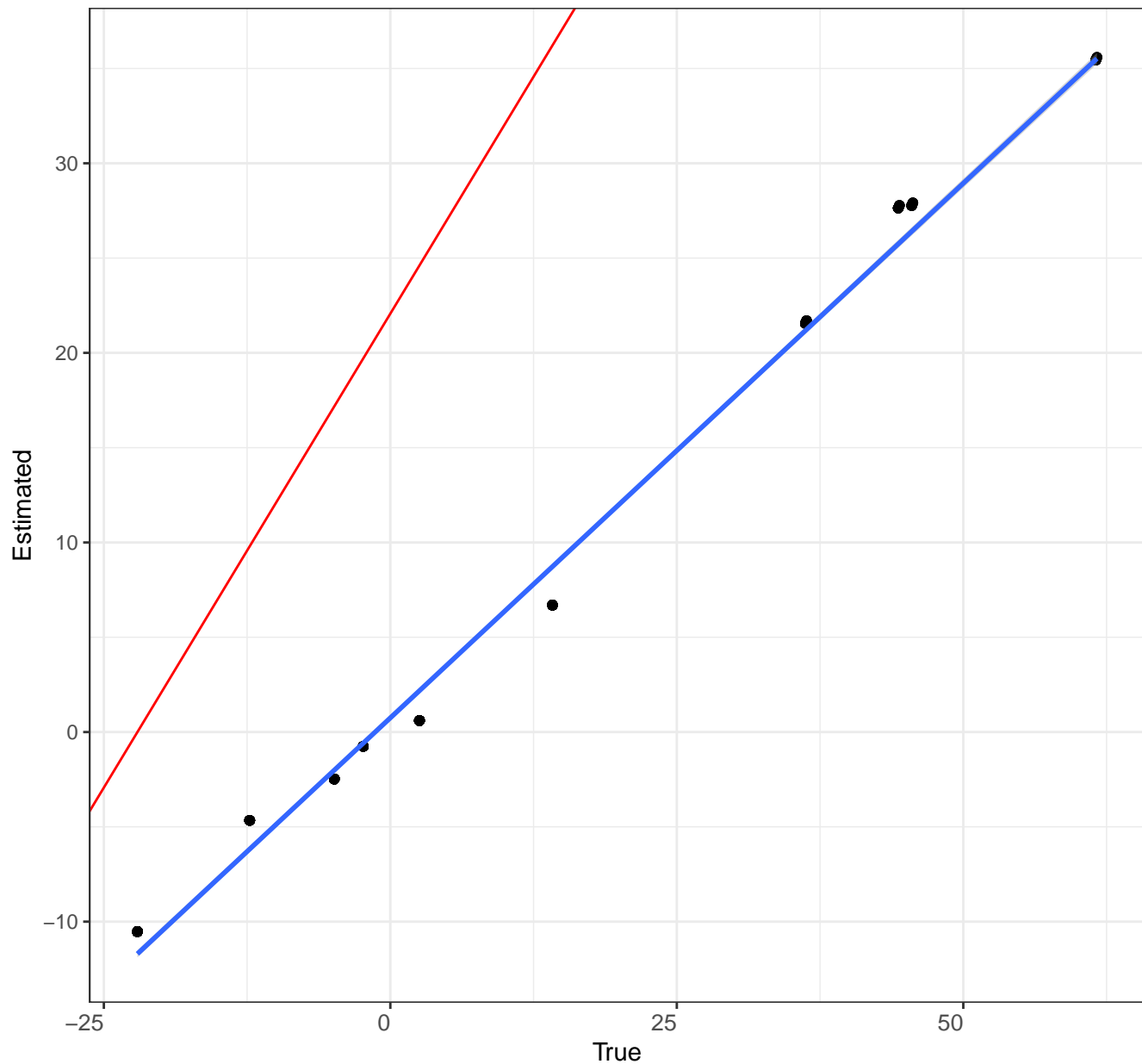Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=5 true gr K=4 ,type=1 ,N=150

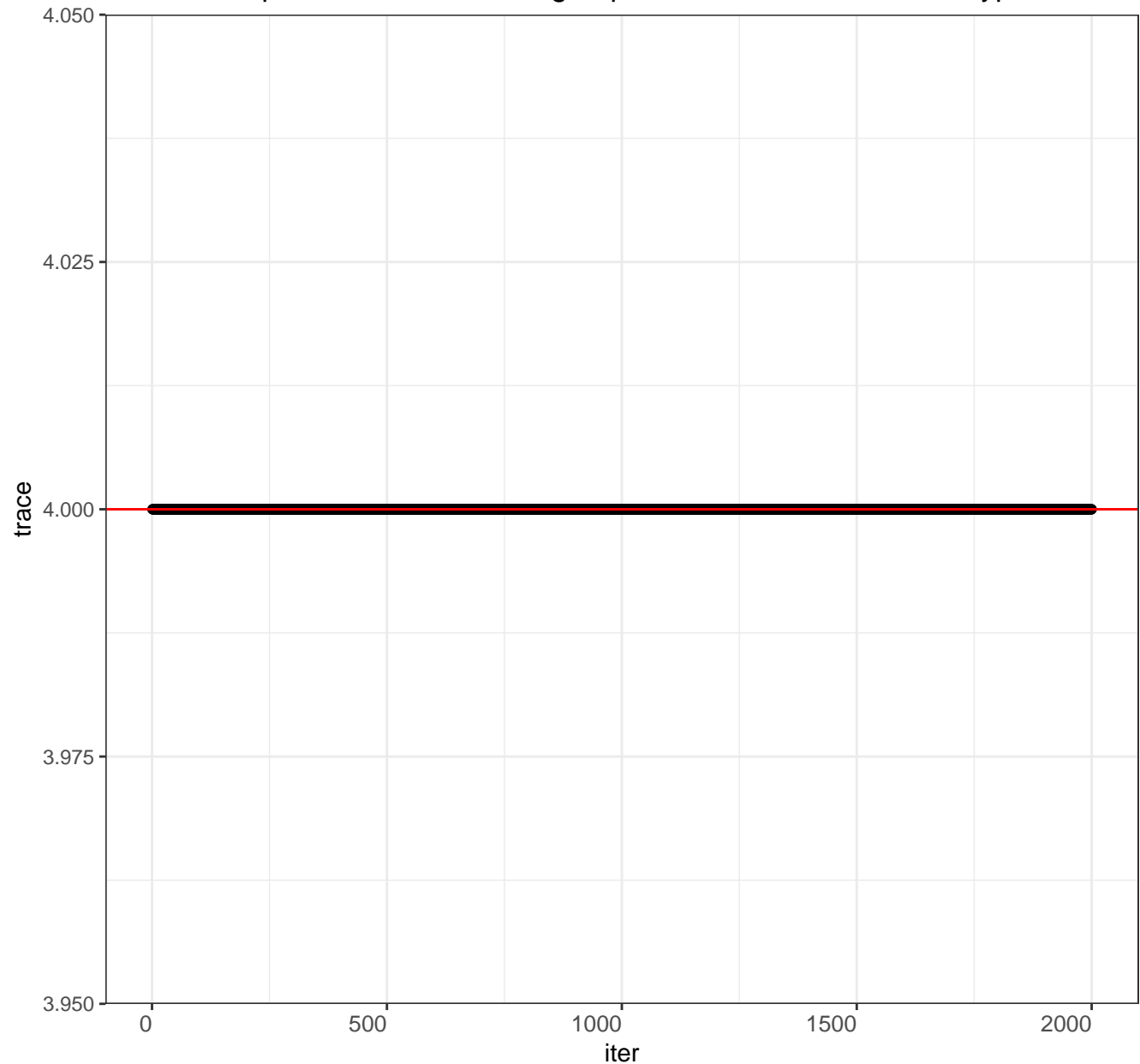Weights for the case: S=20 ,r=5 true gr K=4 ,type=1 ,N=150 pN=0.002

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

True vs estimated covariance parameters

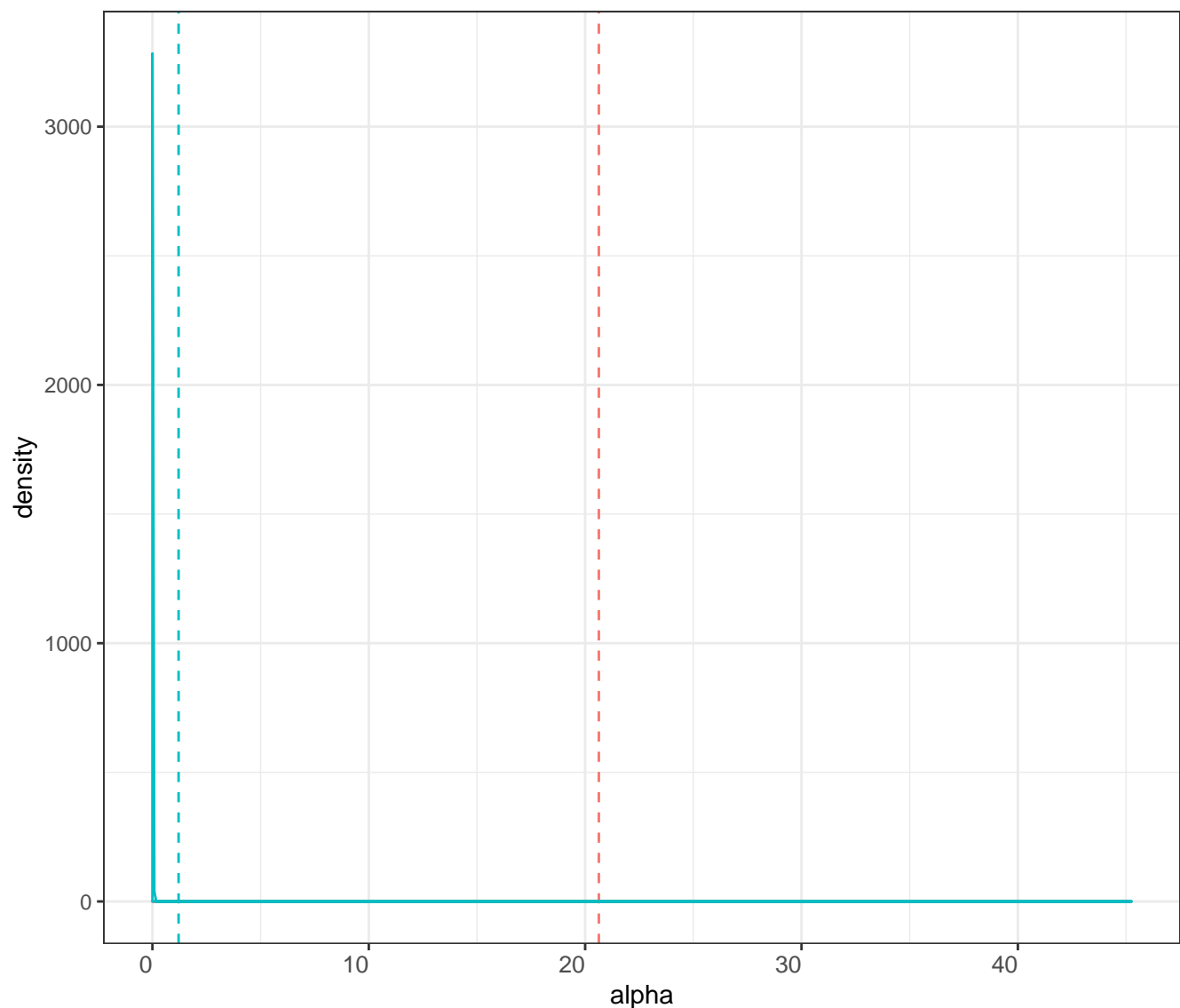Number of iterations: 2000 burnin: 1000number of samples: 500S=20 r=5 true K=4 type=1

Trace plot for the number of groups K for S=20 r=5 true K=4 type=1

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

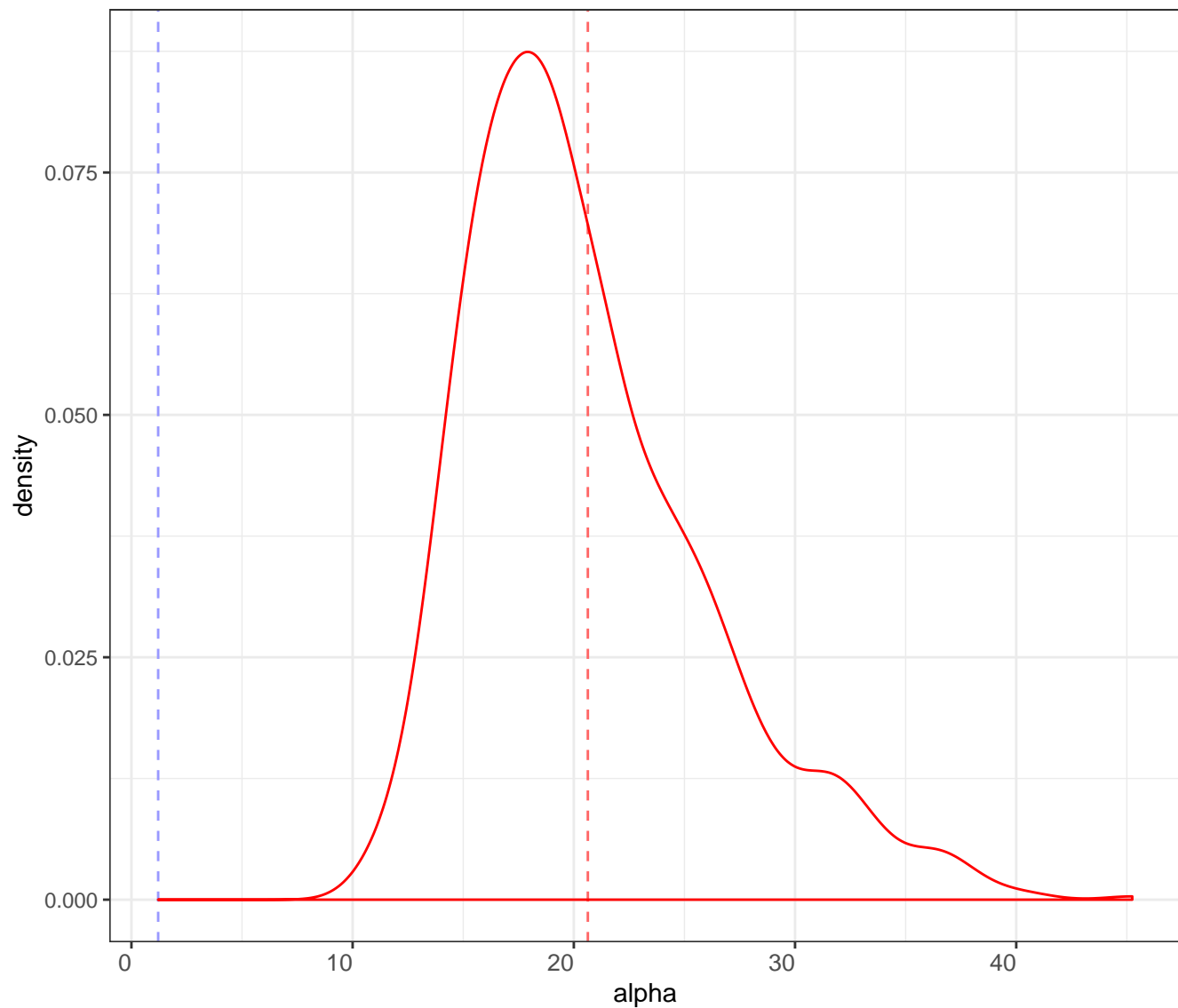Distribution alpha: S=20 ,r=5 true gr K=4 ,type=1 ,N=150

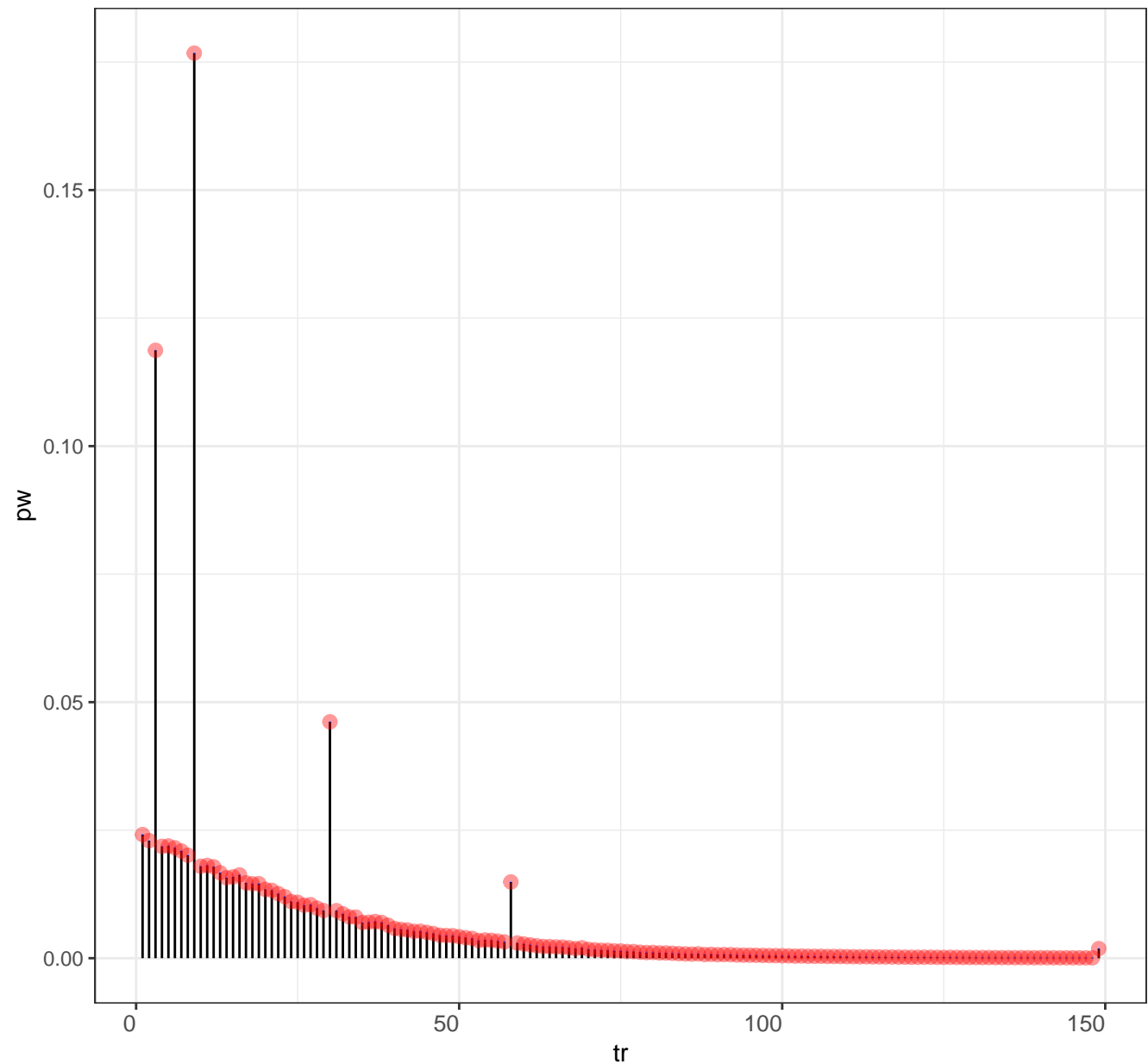Number of iterations: 2000 burnin: 1000 number of samples: 500

Posterior distribution for alpha

Legend — posterior mean — prior mean

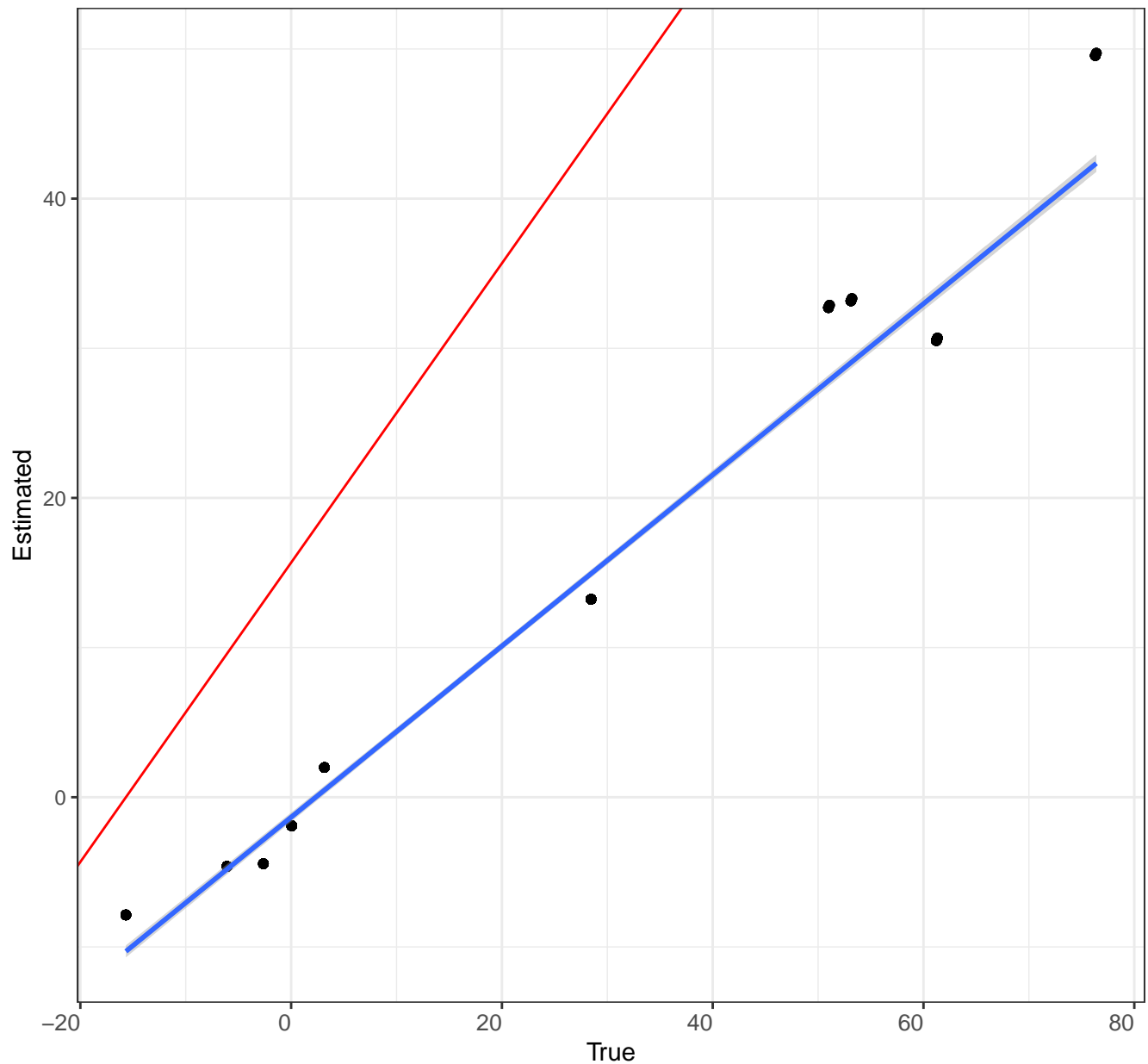Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=5 true gr K=4 ,type=1 ,N=150

Weights for the case: S=20 ,r=5 true gr K=4 ,type=1 ,N=150 pN=0.002

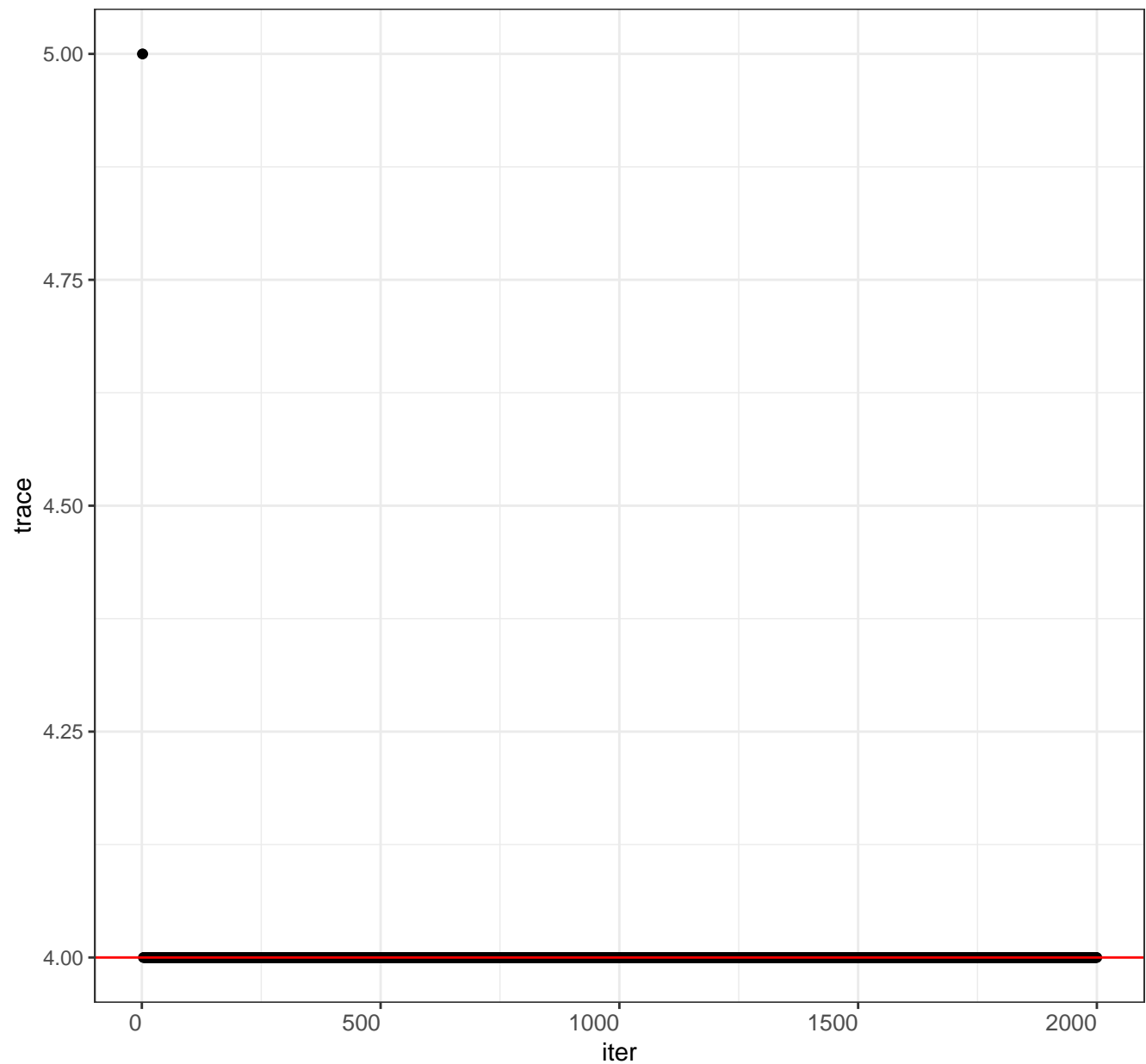Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=20 r=5 true K=4 type=1
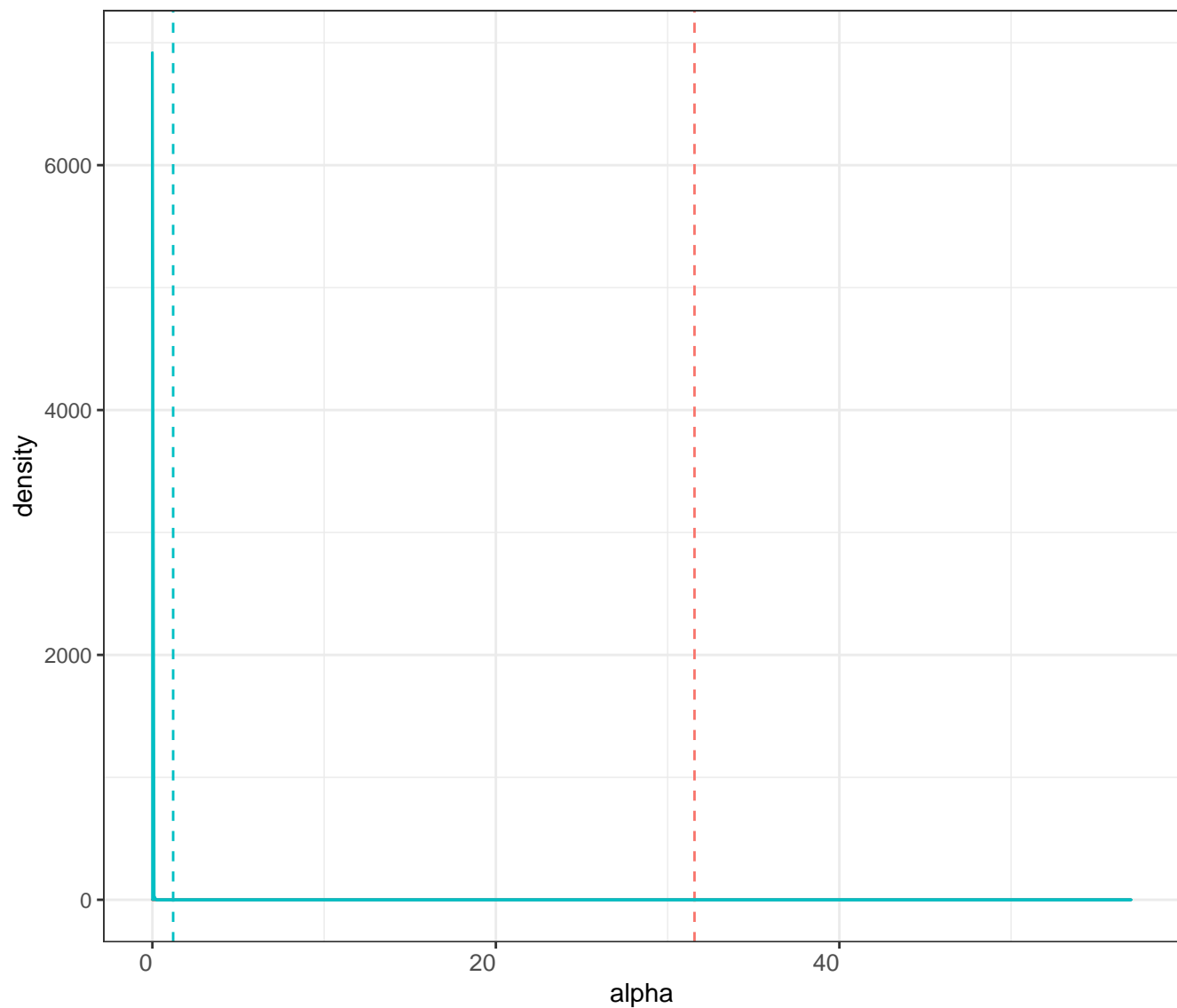
Trace plot for the number of groups K for S=20 r=5 true K=4 type=1

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

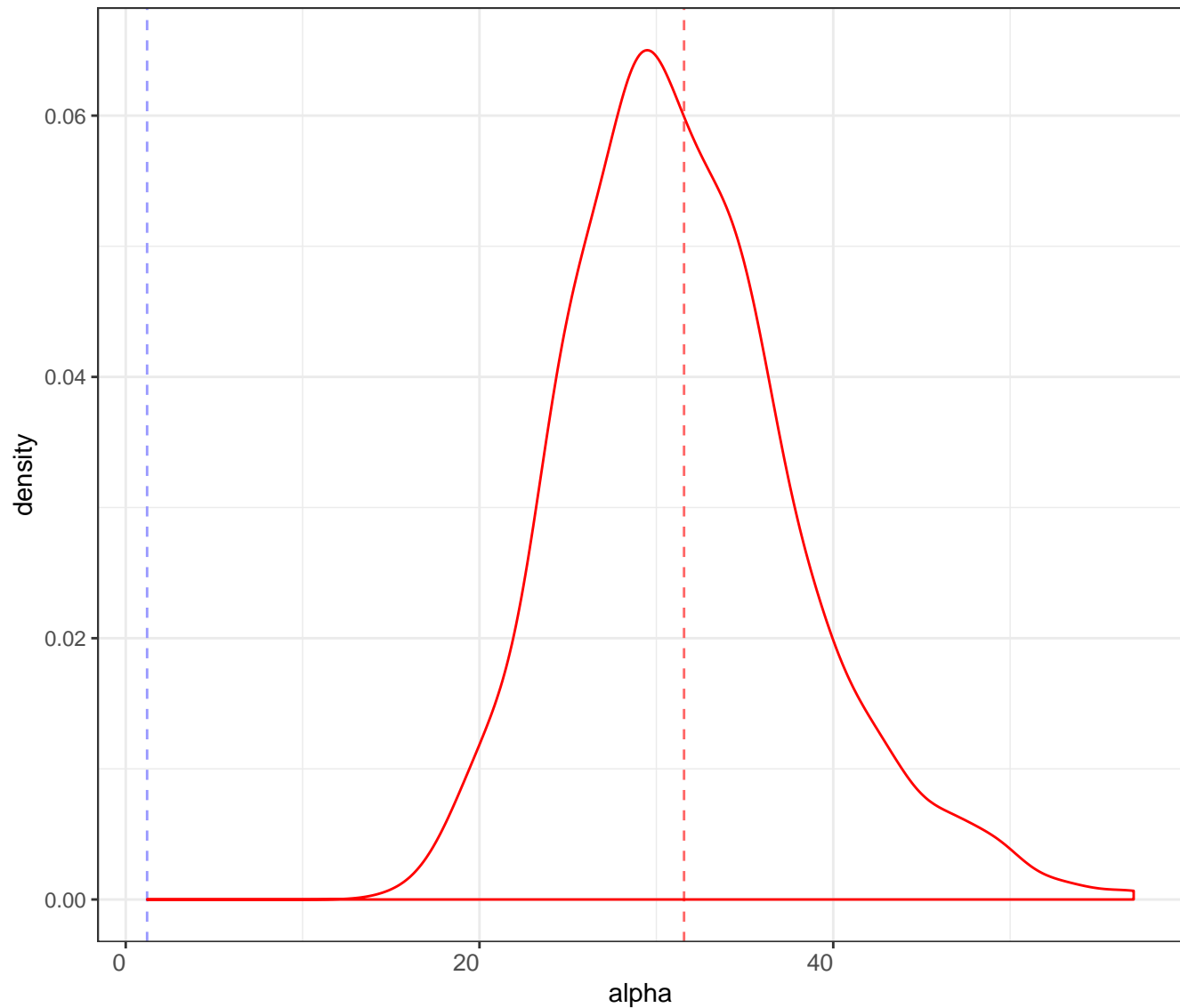Distribution alpha: S=20 ,r=5 true gr K=4 ,type=1 ,N=150

type — posterior — prior

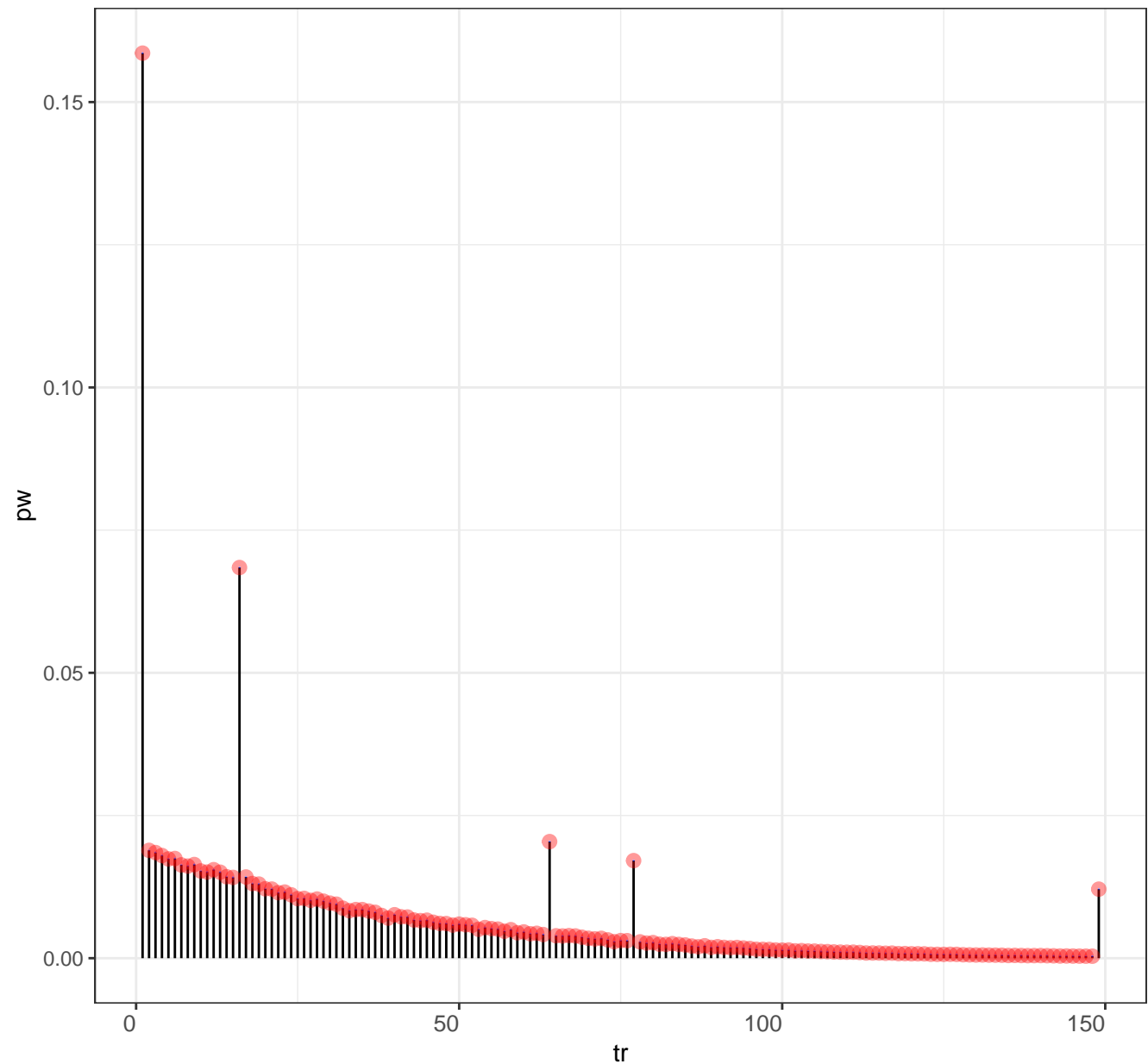Number of iterations: 2000 burnin: 1000 number of samples: 500
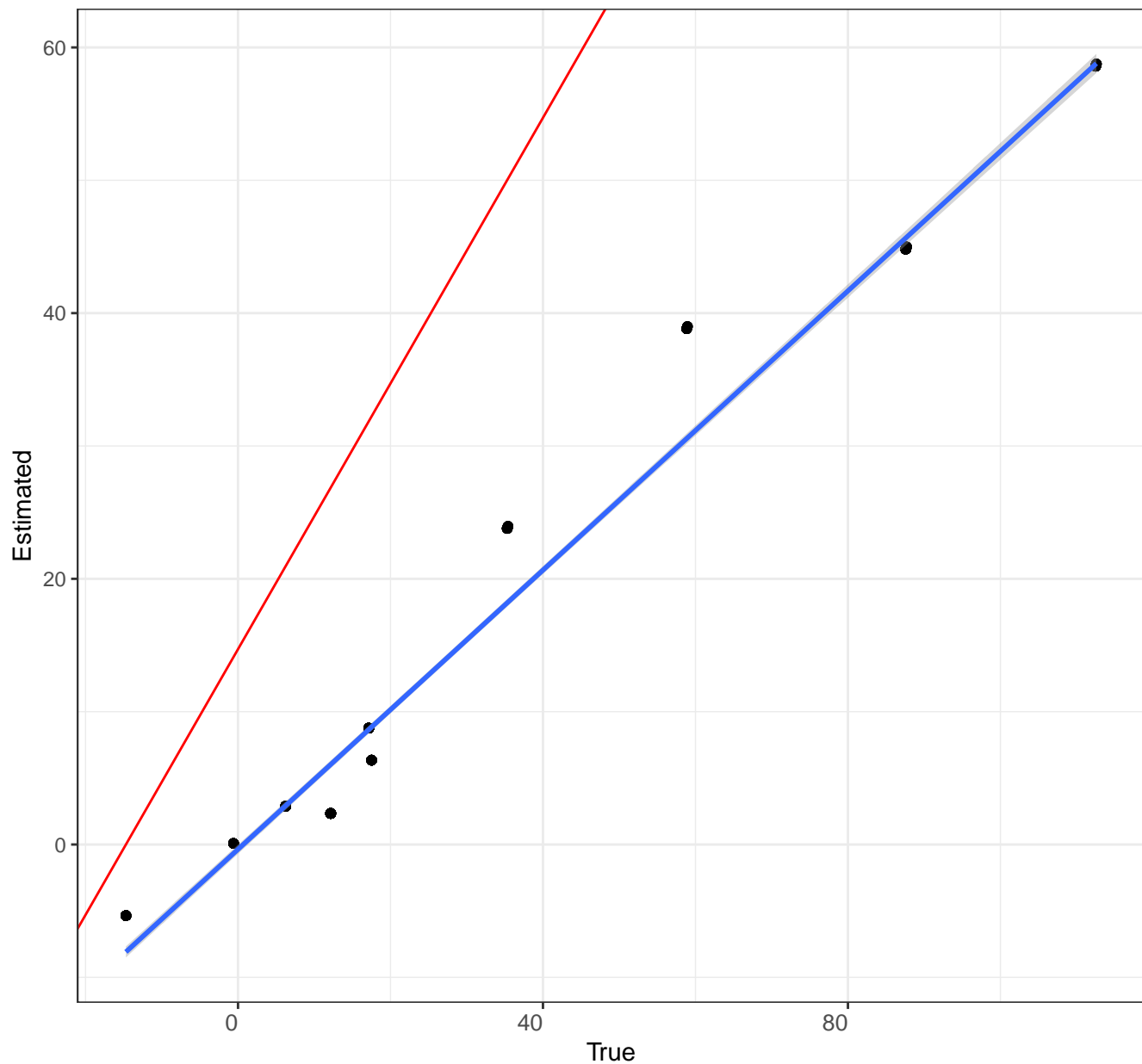
Posterior distribution for alpha

Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=5 true gr K=4 ,type=1 ,N=150

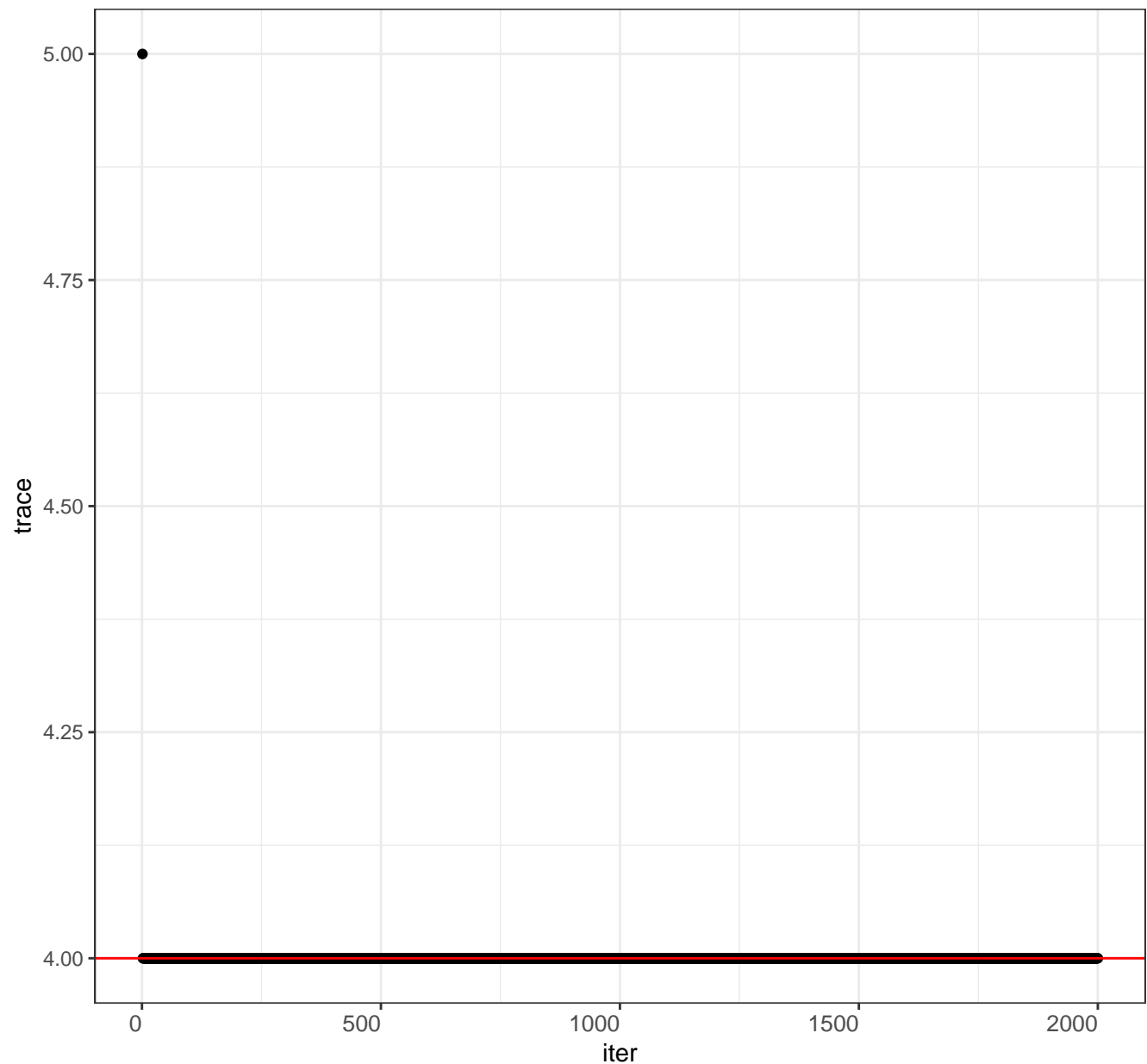Weights for the case: S=20 ,r=5 true gr K=4 ,type=1 ,N=150 pN=0.012

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

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=20 r=5 true K=4 type=1
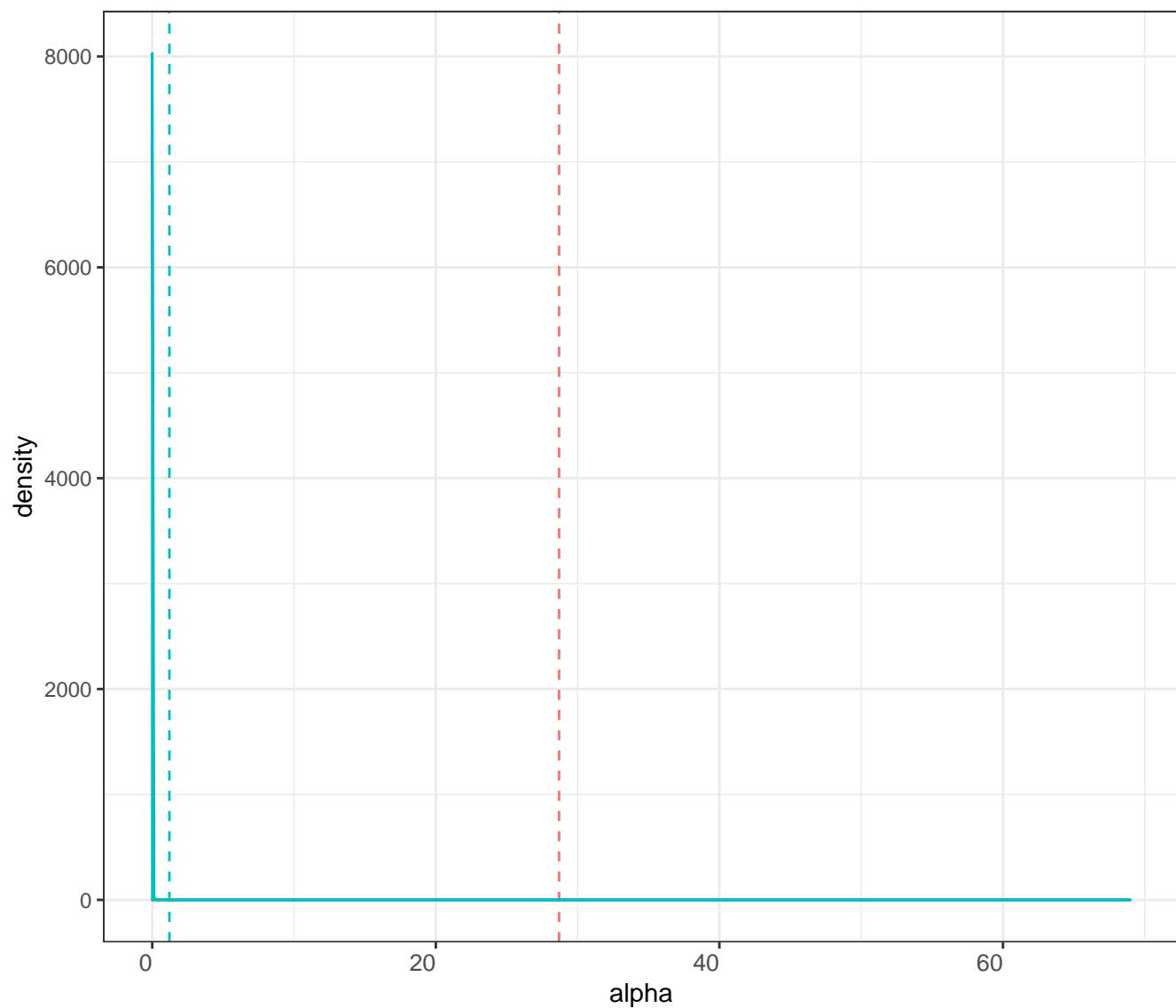
Trace plot for the number of groups K for S=20 r=5 true K=4 type=1

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

Distribution alpha: S=20 ,r=5 true gr K=4 ,type=1 ,N=150
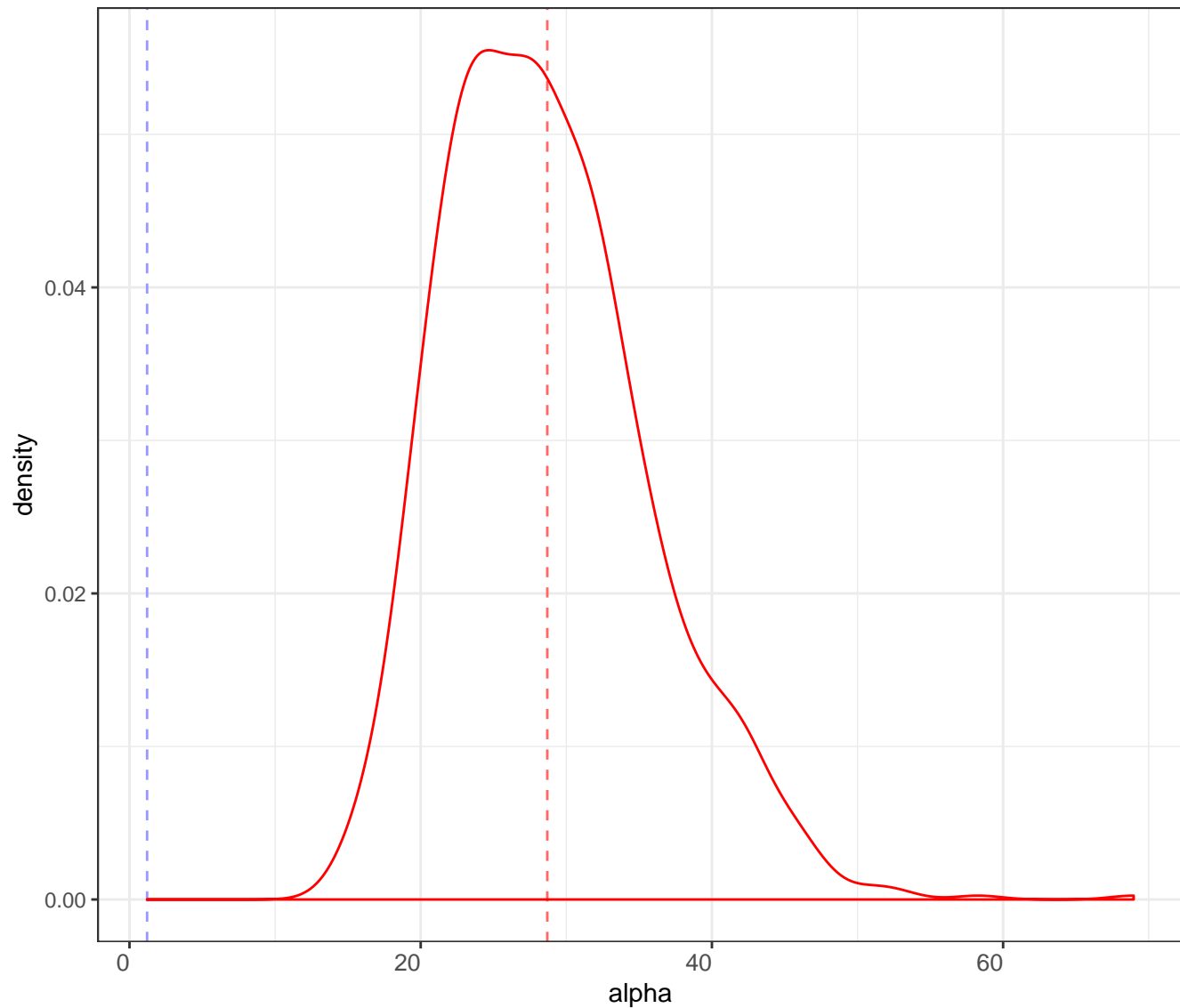
type ┊ posterior ┊ prior

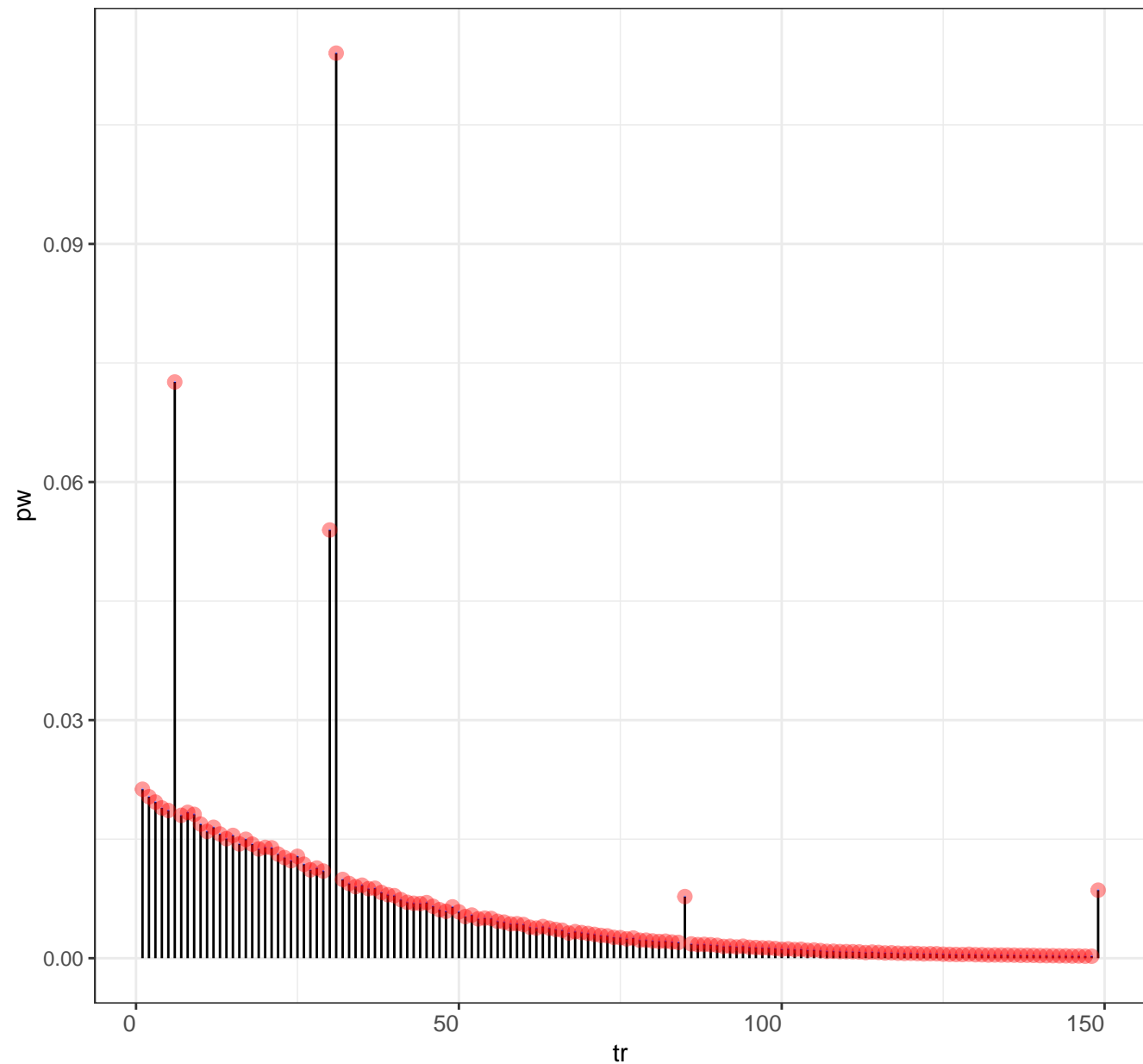Number of iterations: 2000 burnin: 1000 number of samples: 500

Posterior distribution for alpha

Legend ┊ posterior mean ┊ prior mean
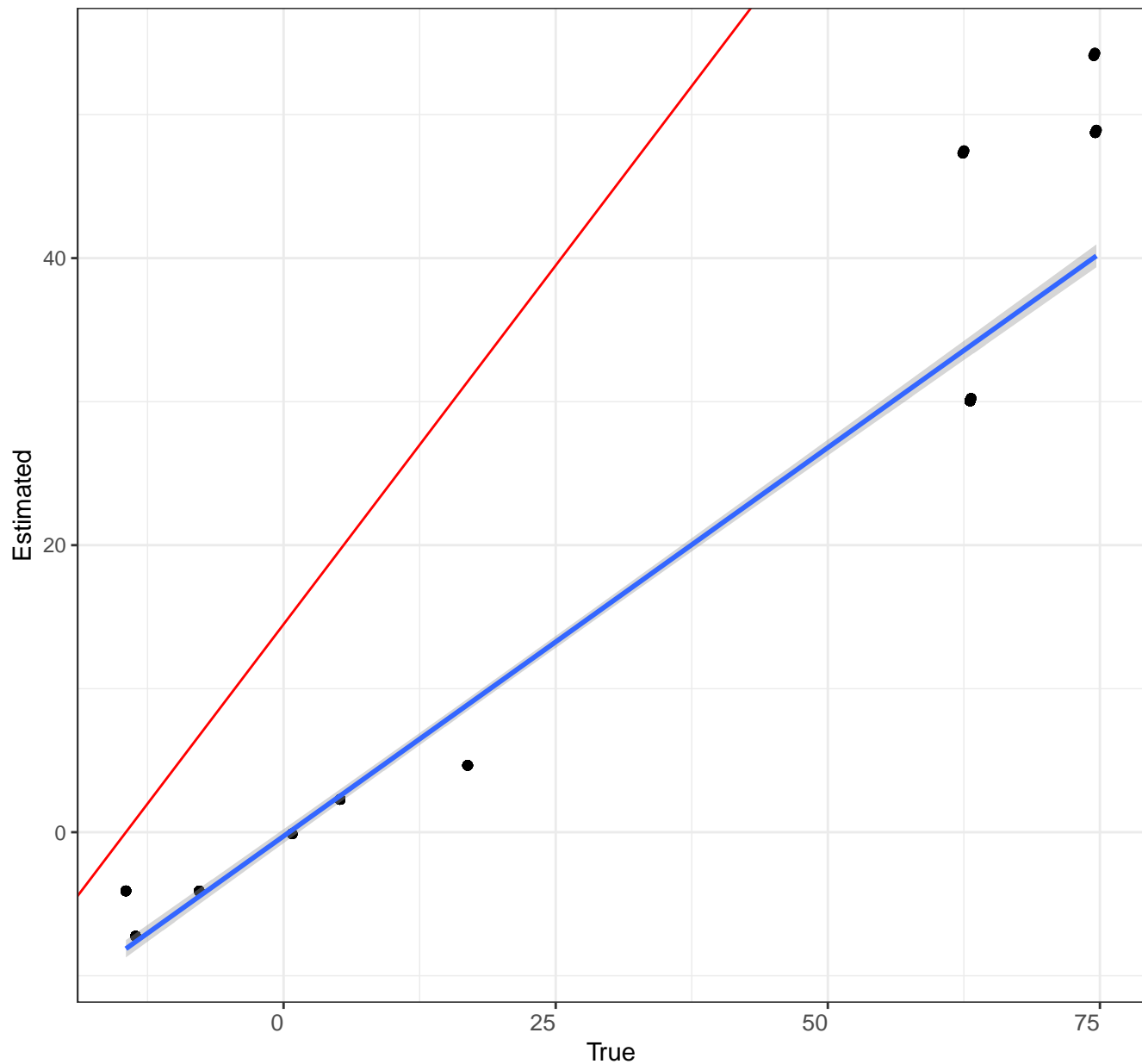

Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=5 true gr K=4 ,type=1 ,N=150

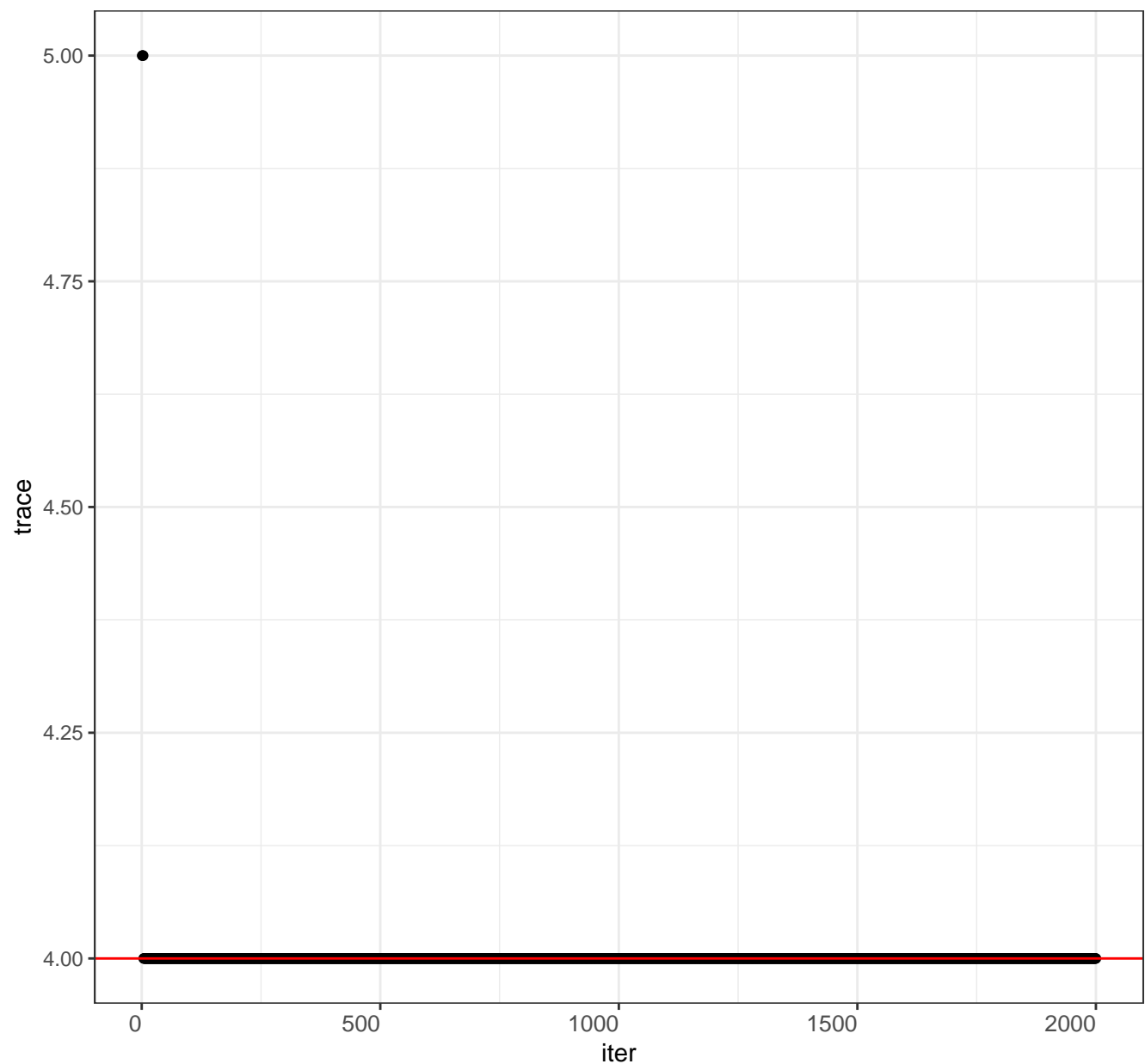Weights for the case: S=20 ,r=5 true gr K=4 ,type=1 ,N=150 pN=0.009

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

True vs estimated covariance parameters

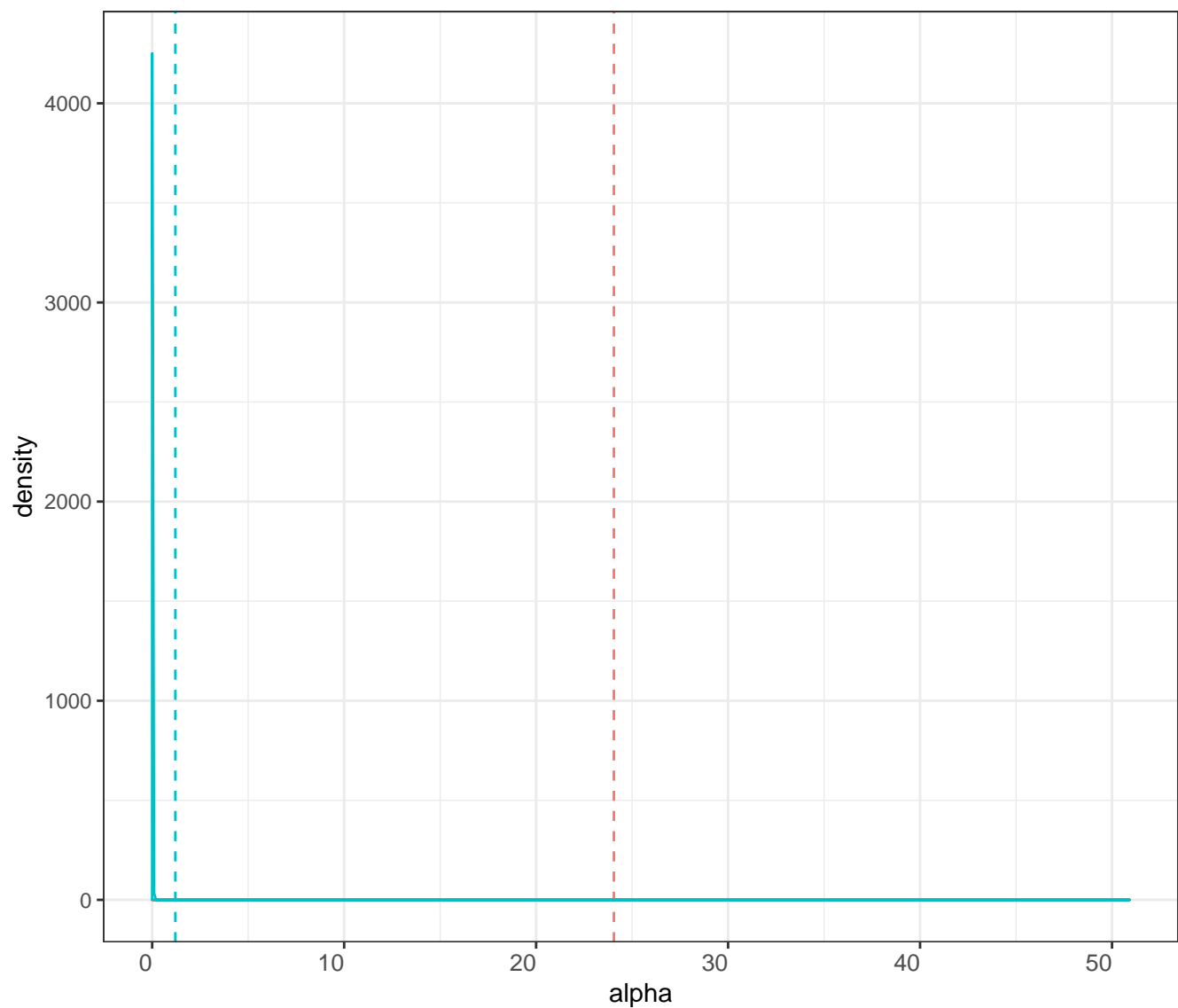Number of iterations: 2000 burnin: 1000number of samples: 500S=20 r=5 true K=4 type=1

Trace plot for the number of groups K for S=20 r=5 true K=4 type=1

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

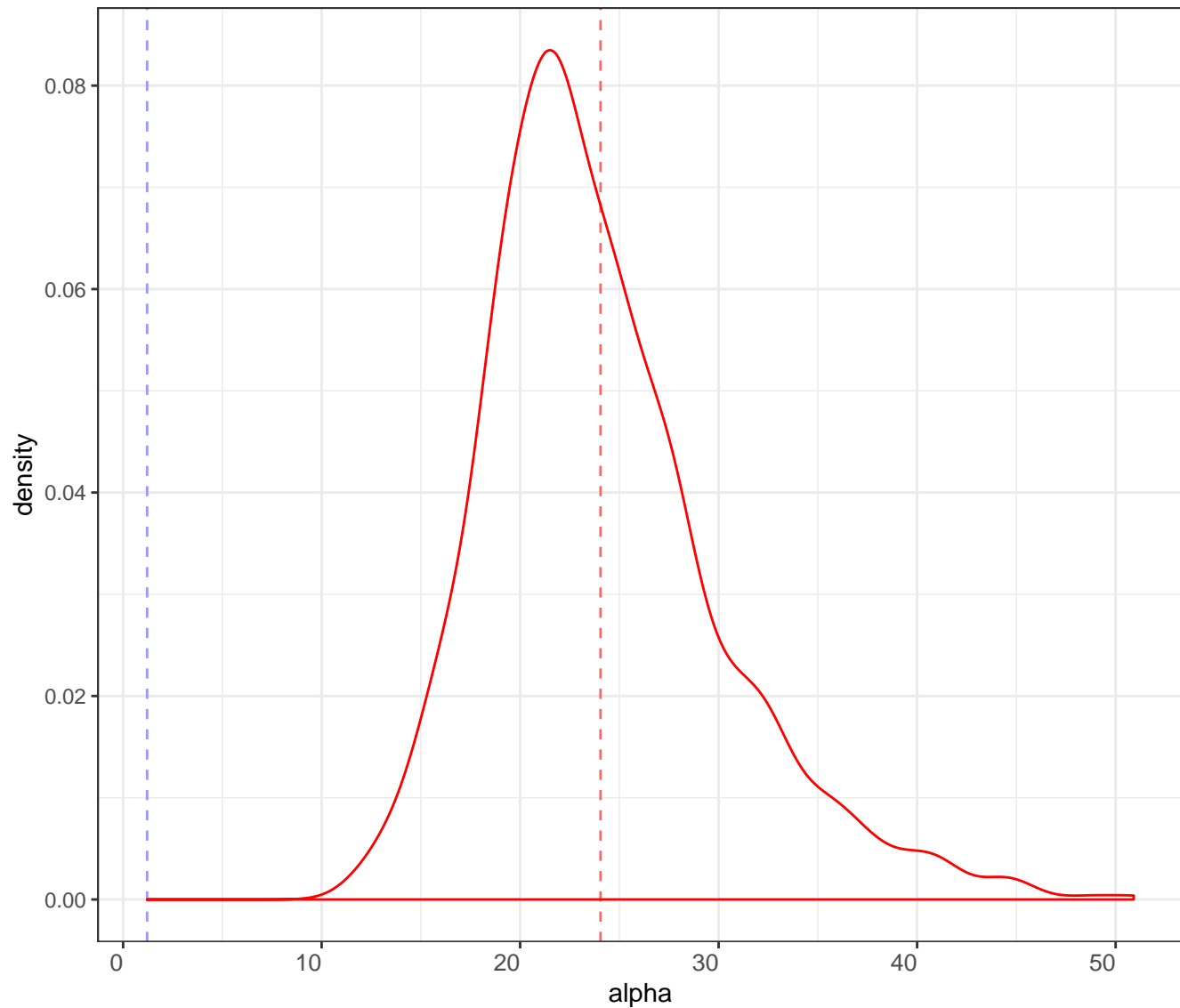Distribution alpha: S=20 ,r=5 true gr K=4 ,type=1 ,N=150

type — posterior — prior

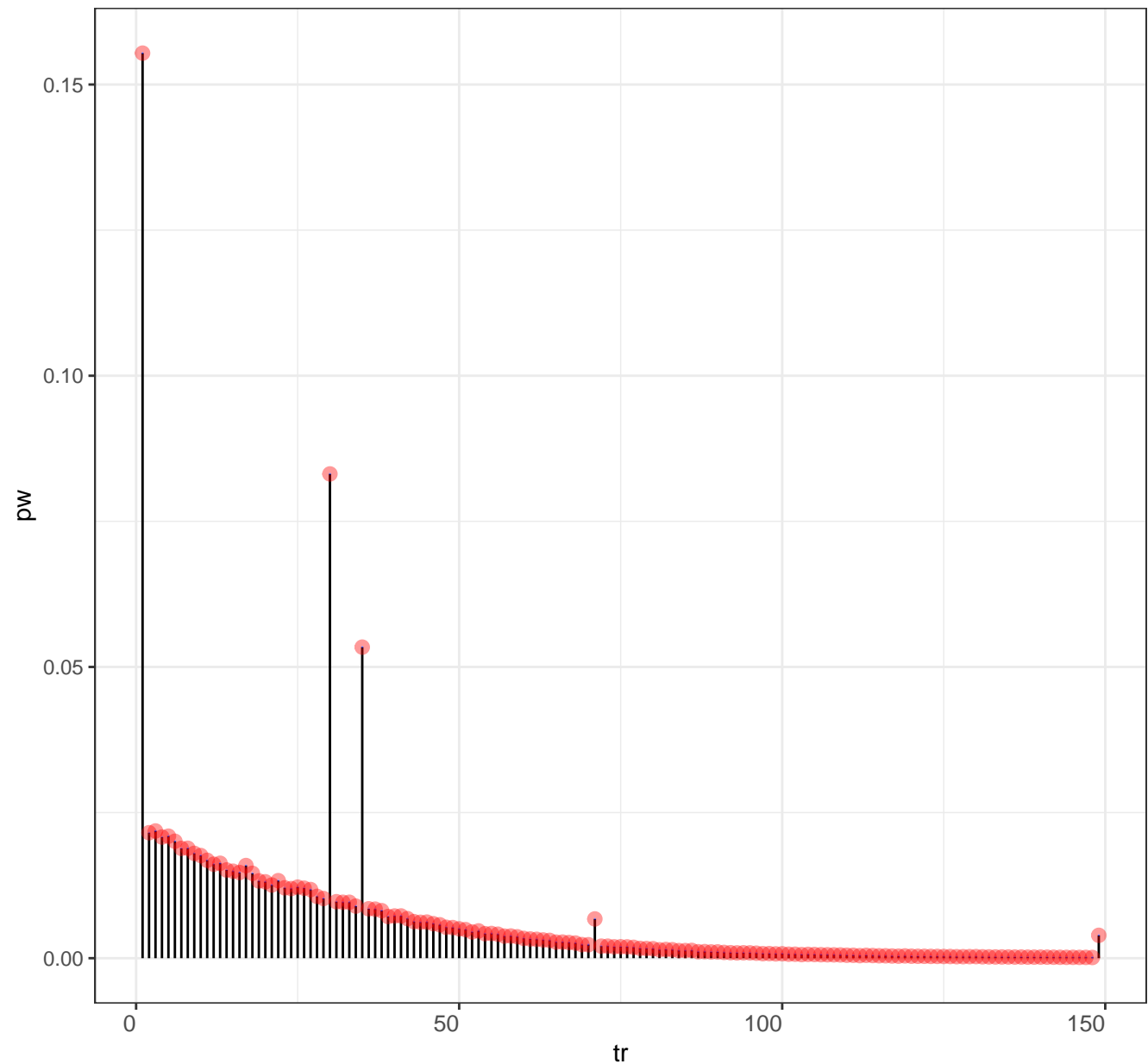Number of iterations: 2000 burnin: 1000 number of samples: 500

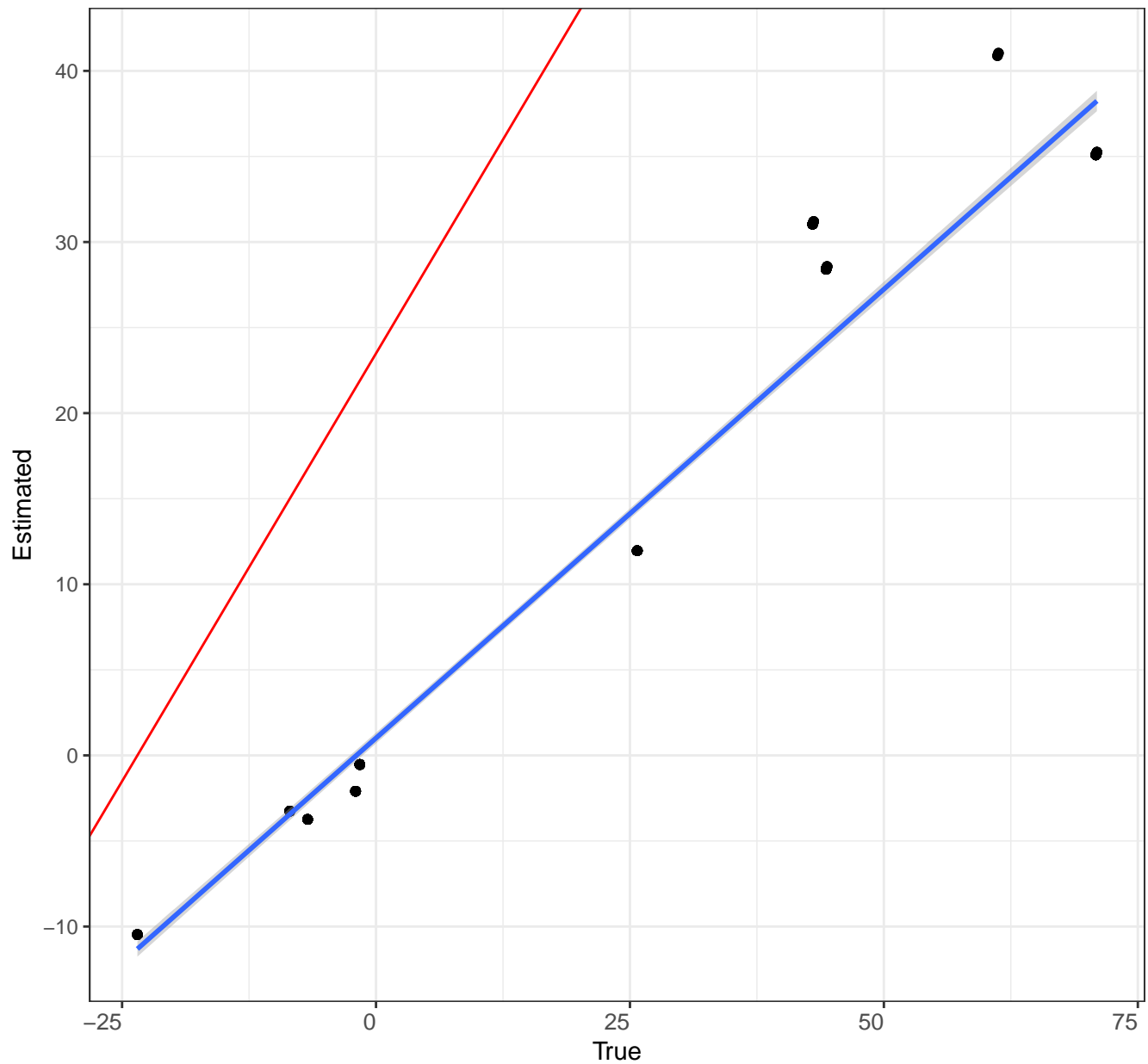Posterior distribution for alpha

Legend   posterior mean   prior mean

Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=5 true gr K=4 ,type=1 ,N=150

Weights for the case: S=20 ,r=5 true gr K=4 ,type=1 ,N=150 pN=0.004

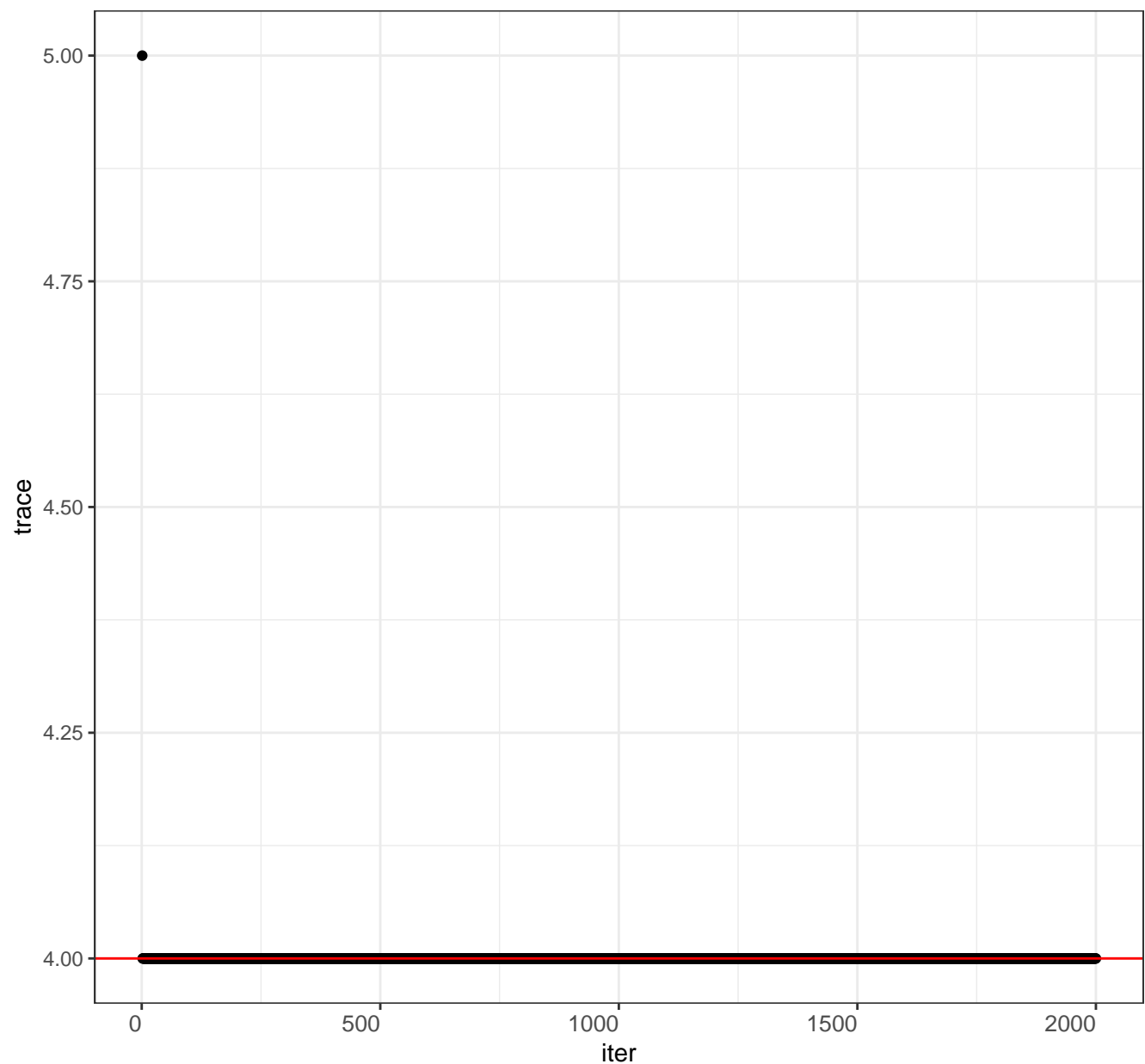Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=20 r=5 true K=4 type=1
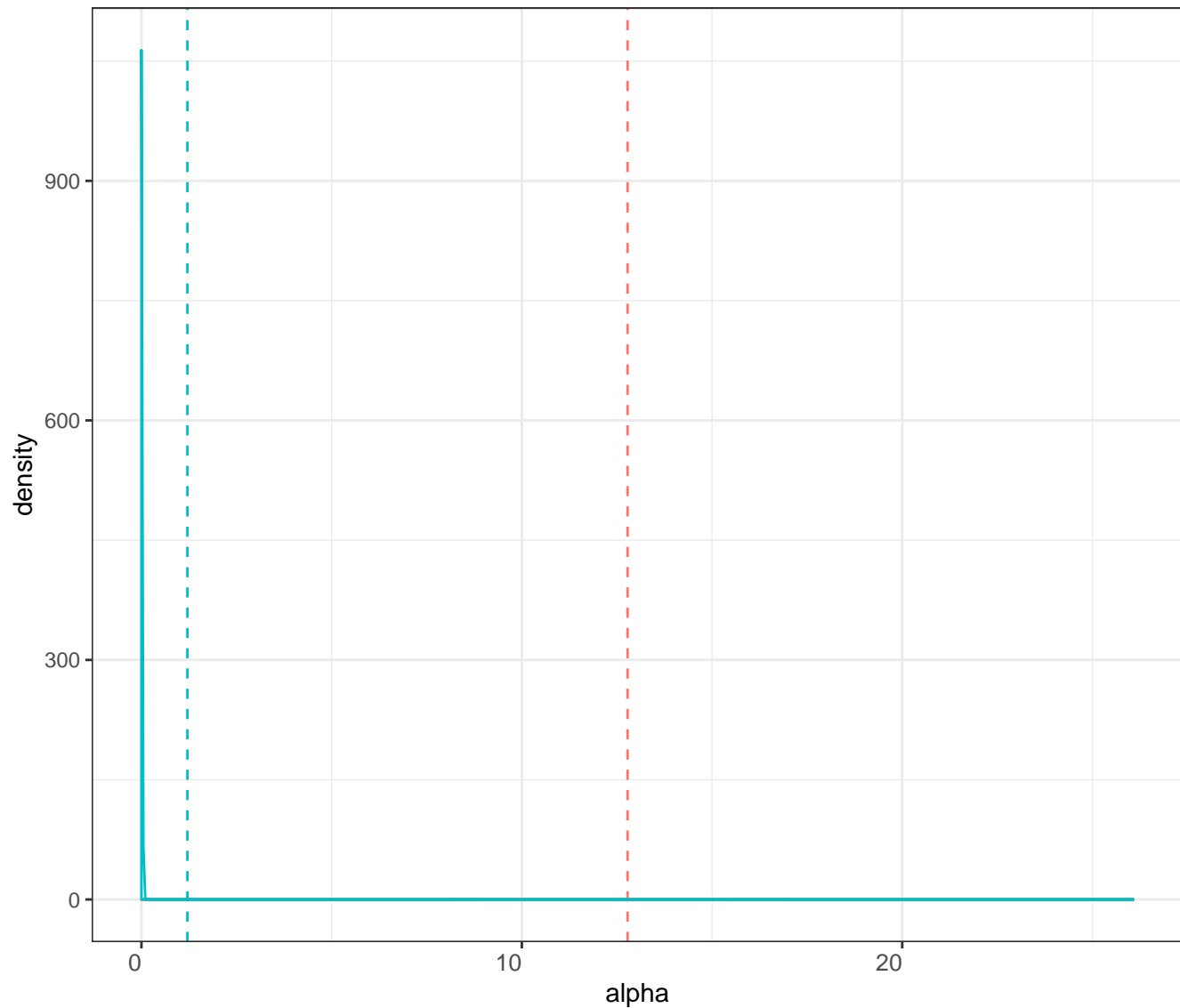
Trace plot for the number of groups K for S=20 r=5 true K=4 type=1

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

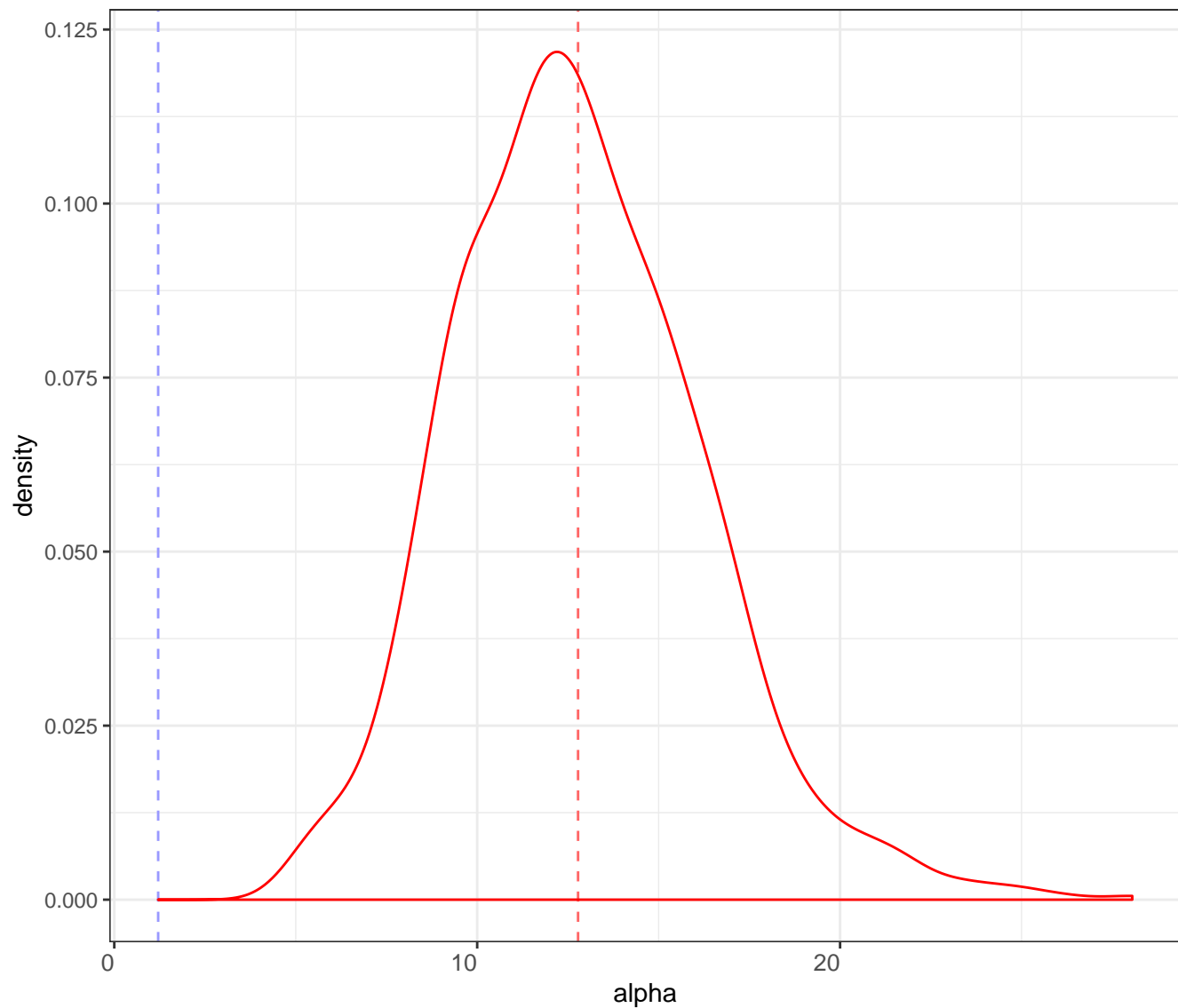Distribution alpha: S=20 ,r=5 true gr K=4 ,type=1 ,N=150

type — posterior — prior

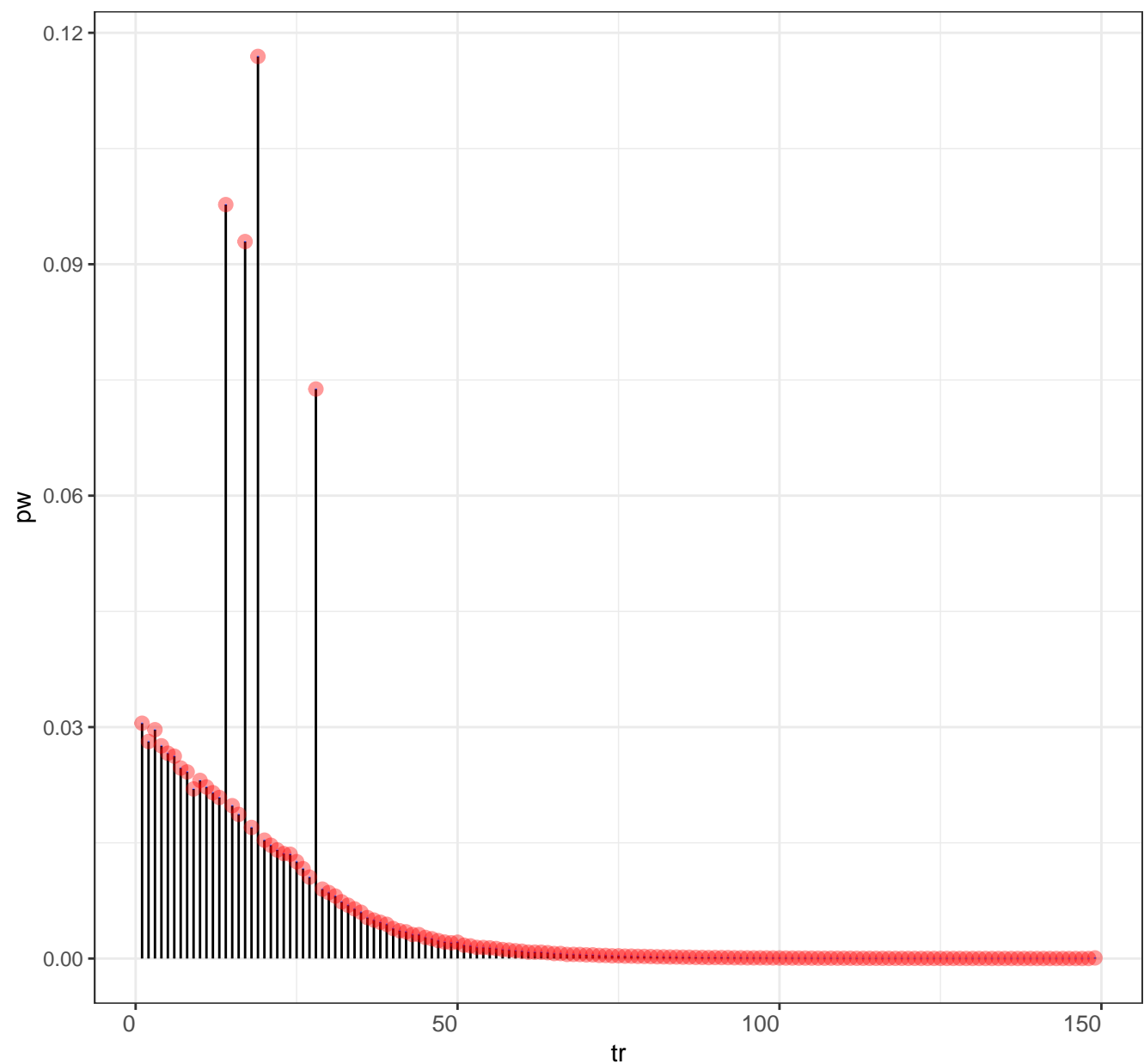Number of iterations: 2000 burnin: 1000 number of samples: 500
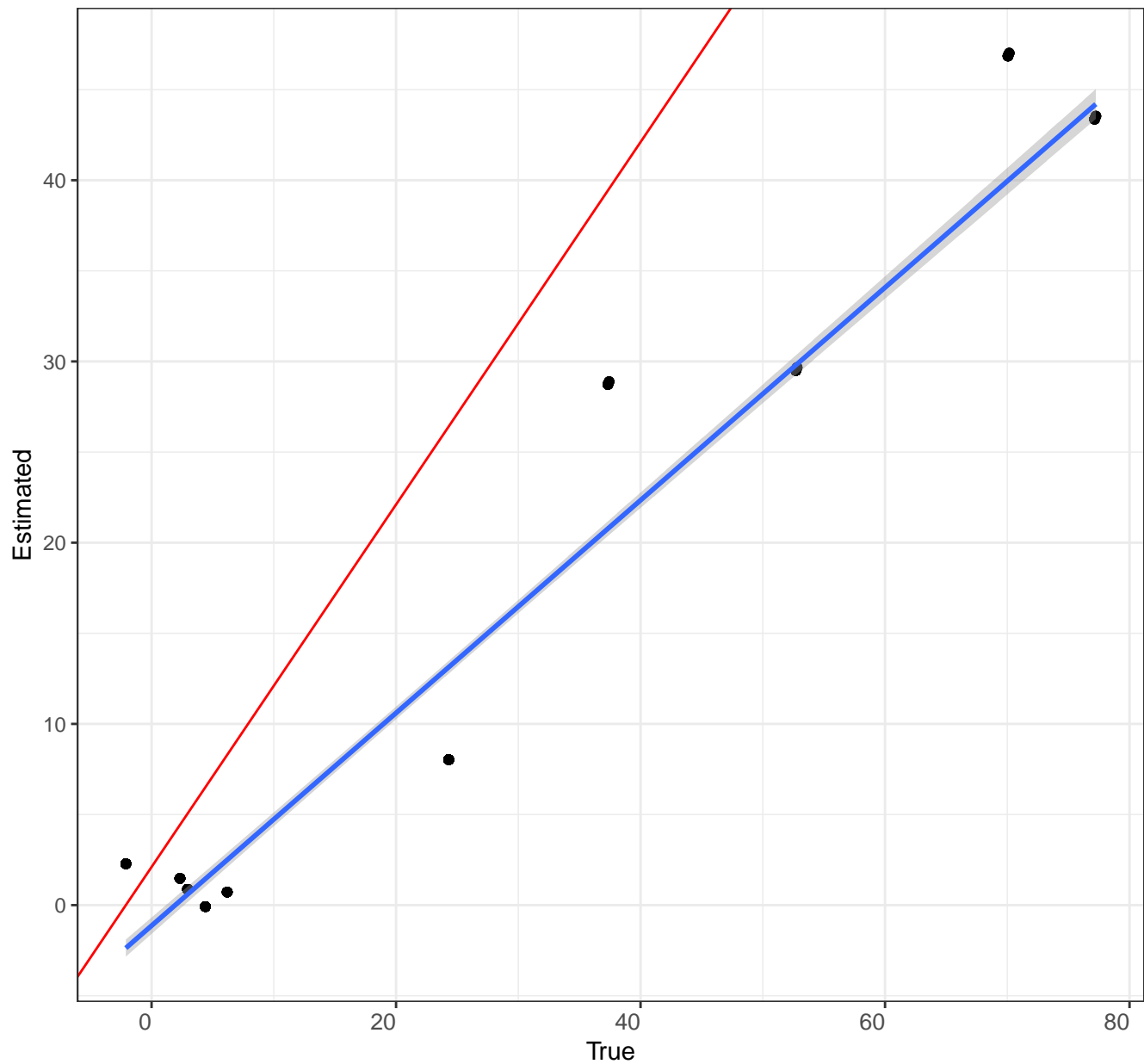
Posterior distribution for alpha

Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=5 true gr K=4 ,type=1 ,N=150

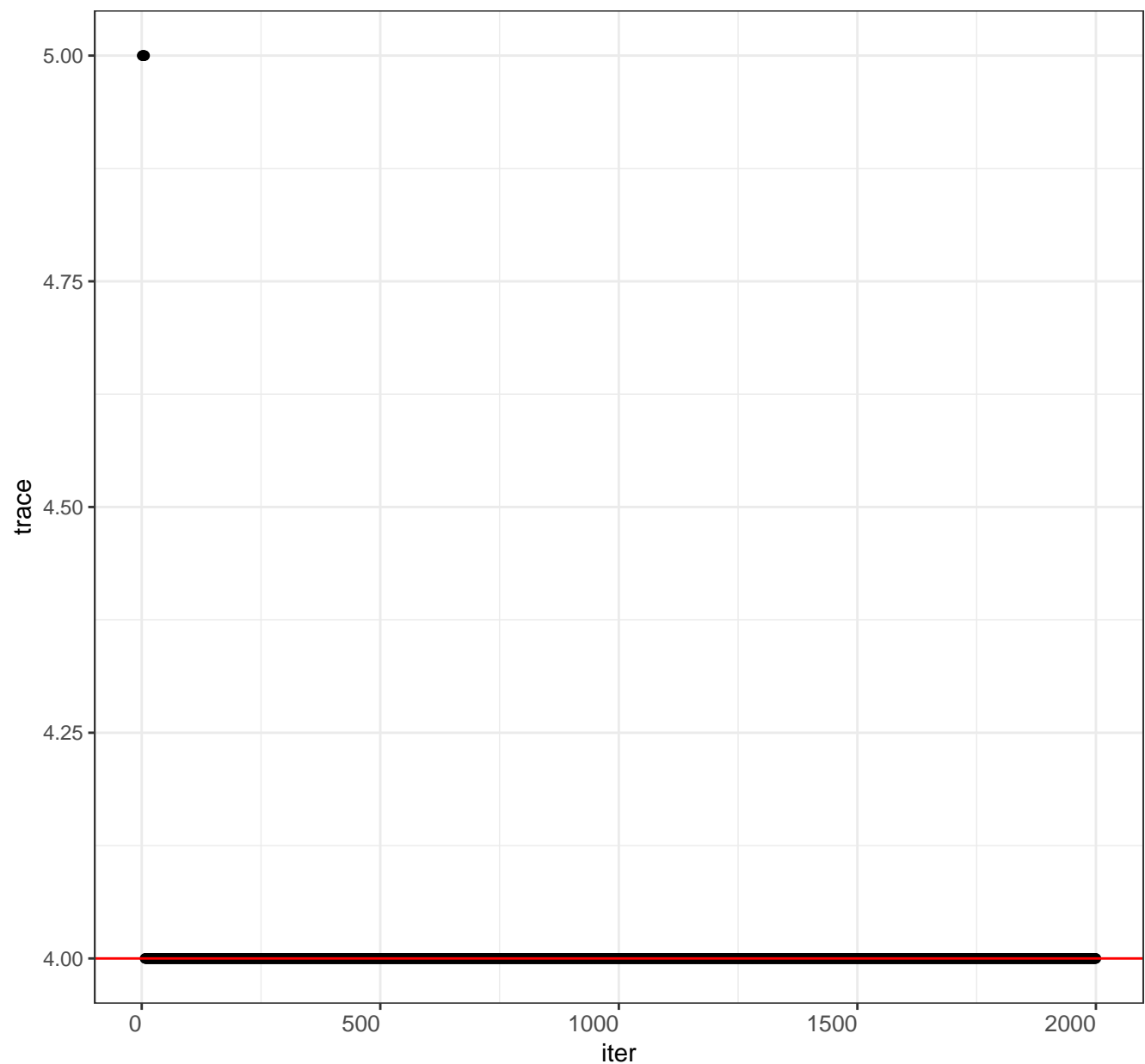Weights for the case: S=20 ,r=5 true gr K=4 ,type=1 ,N=150 pN=0

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

True vs estimated covariance parameters

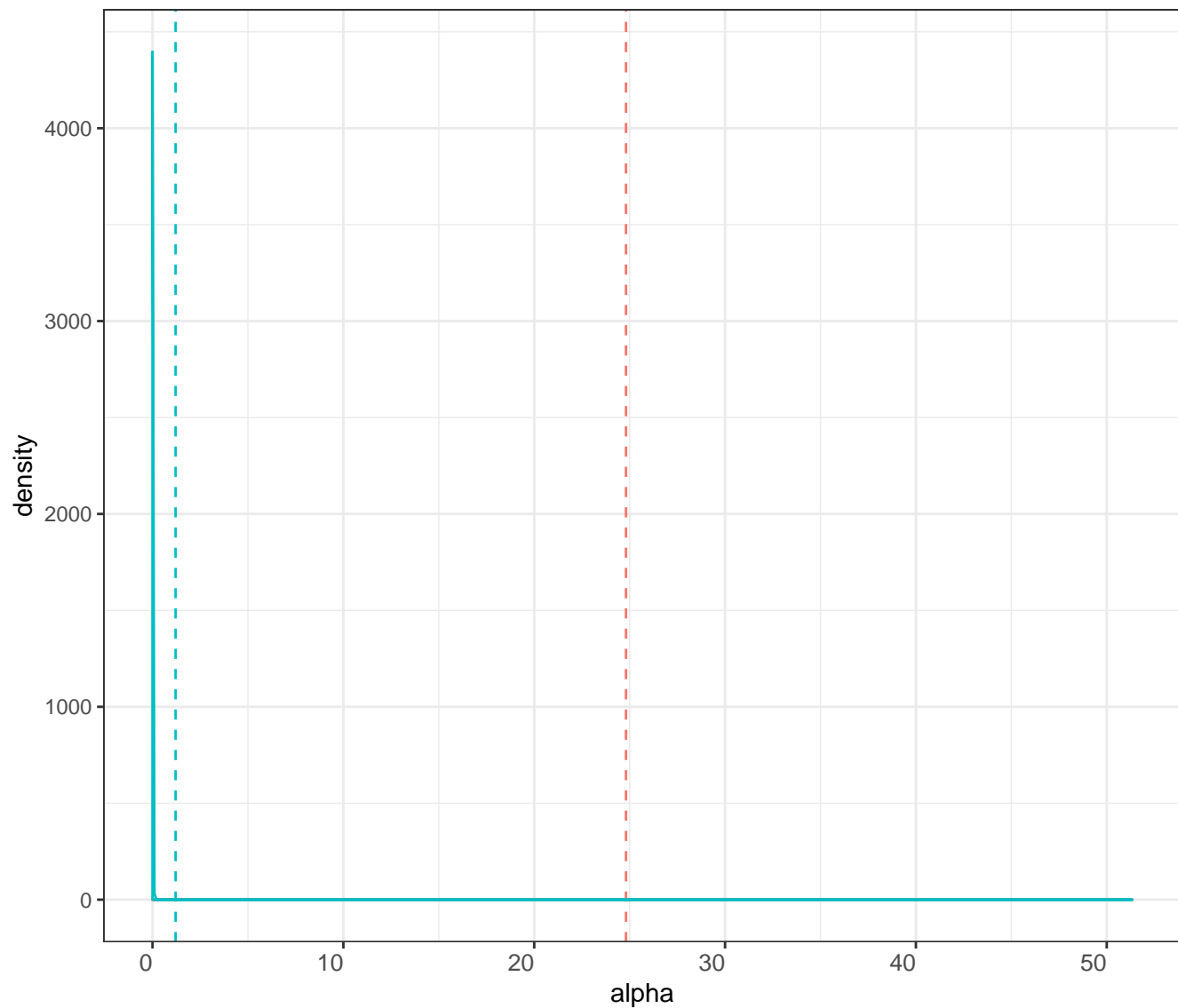Number of iterations: 2000 burnin: 1000number of samples: 500S=20 r=5 true K=4 type=1

Trace plot for the number of groups K for S=20 r=5 true K=4 type=1

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

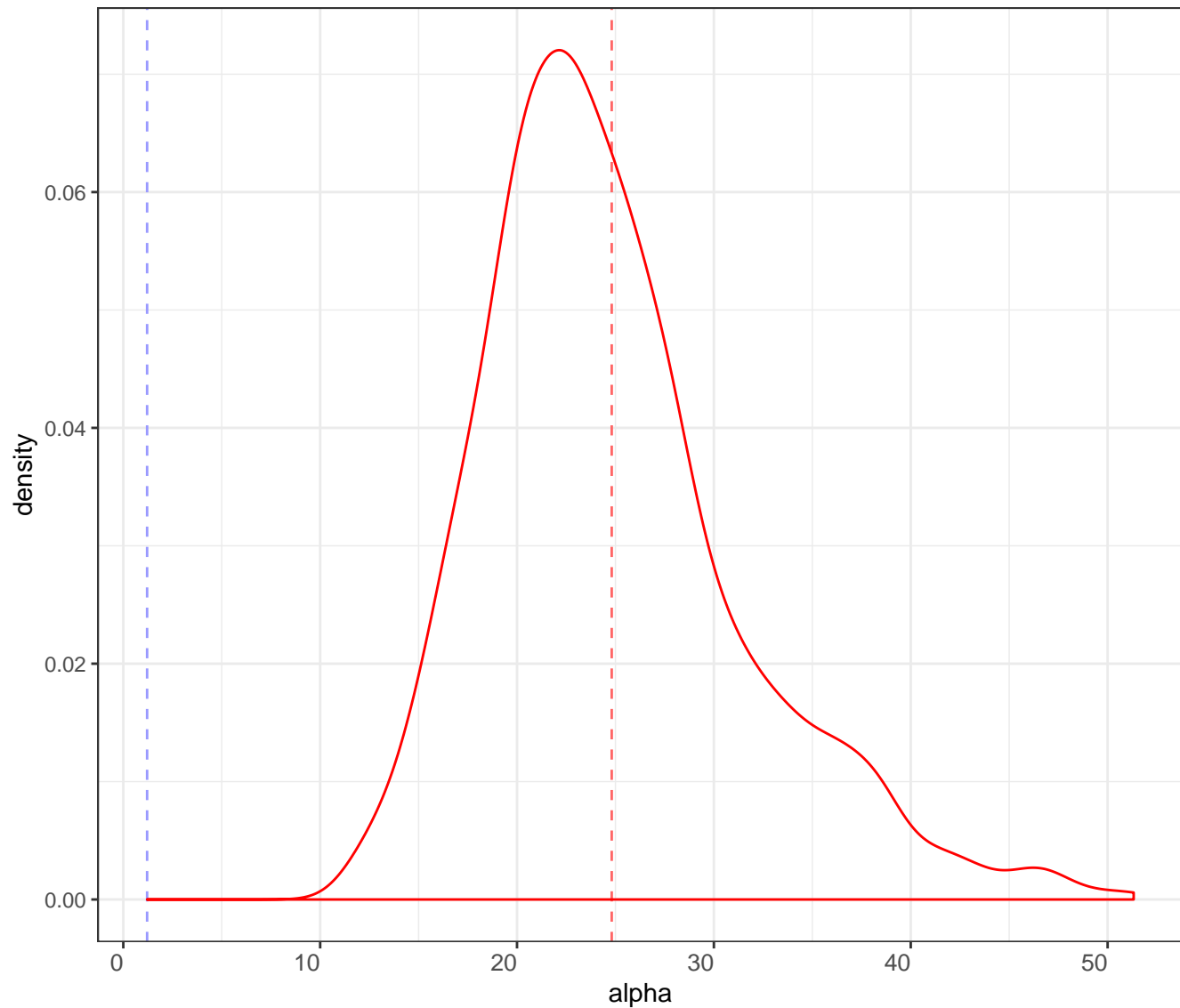Distribution alpha: S=20 ,r=5 true gr K=4 ,type=1 ,N=150

type — posterior — prior

Number of iterations: 2000 burnin: 1000 number of samples: 500
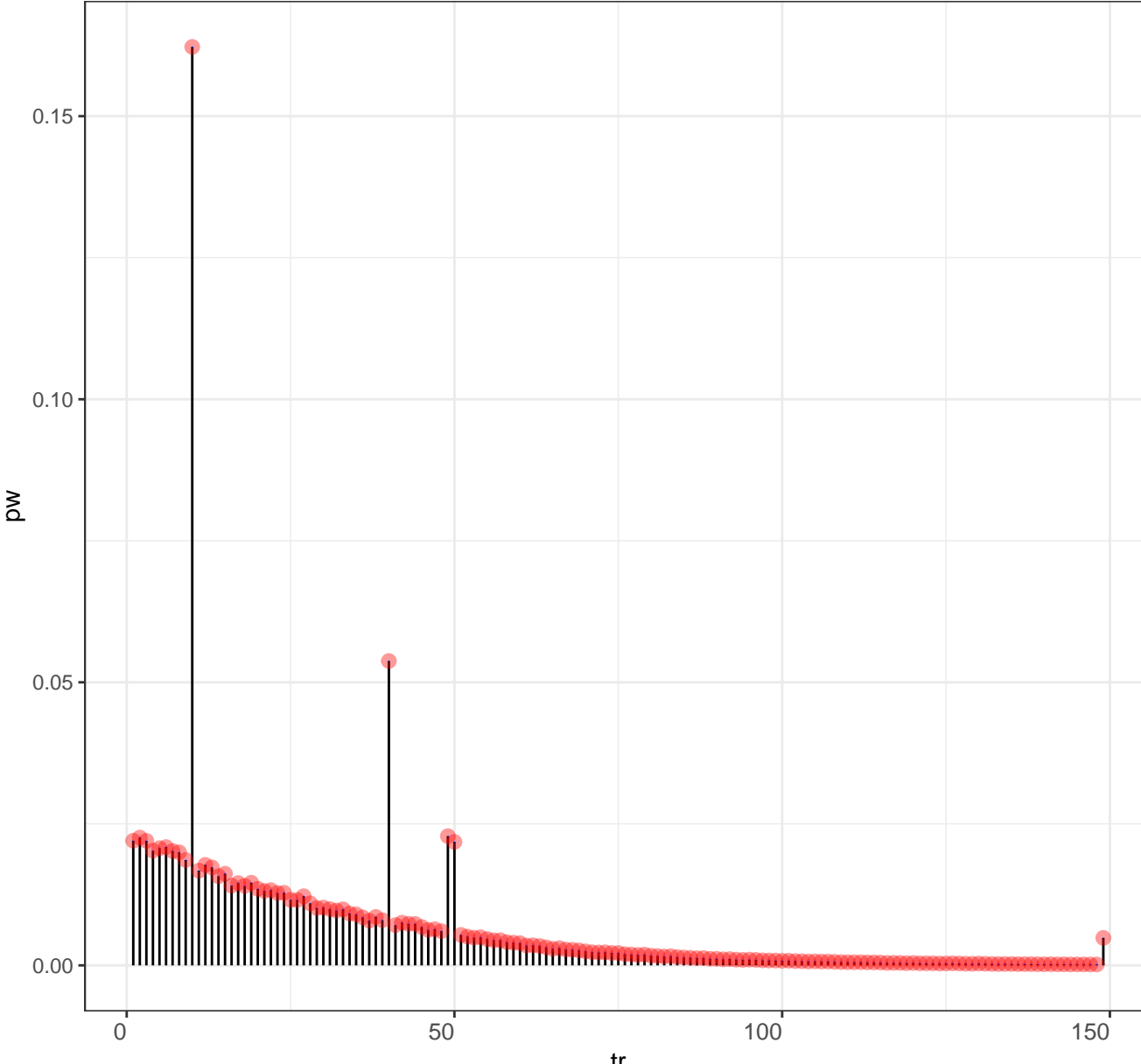
Posterior distribution for alpha

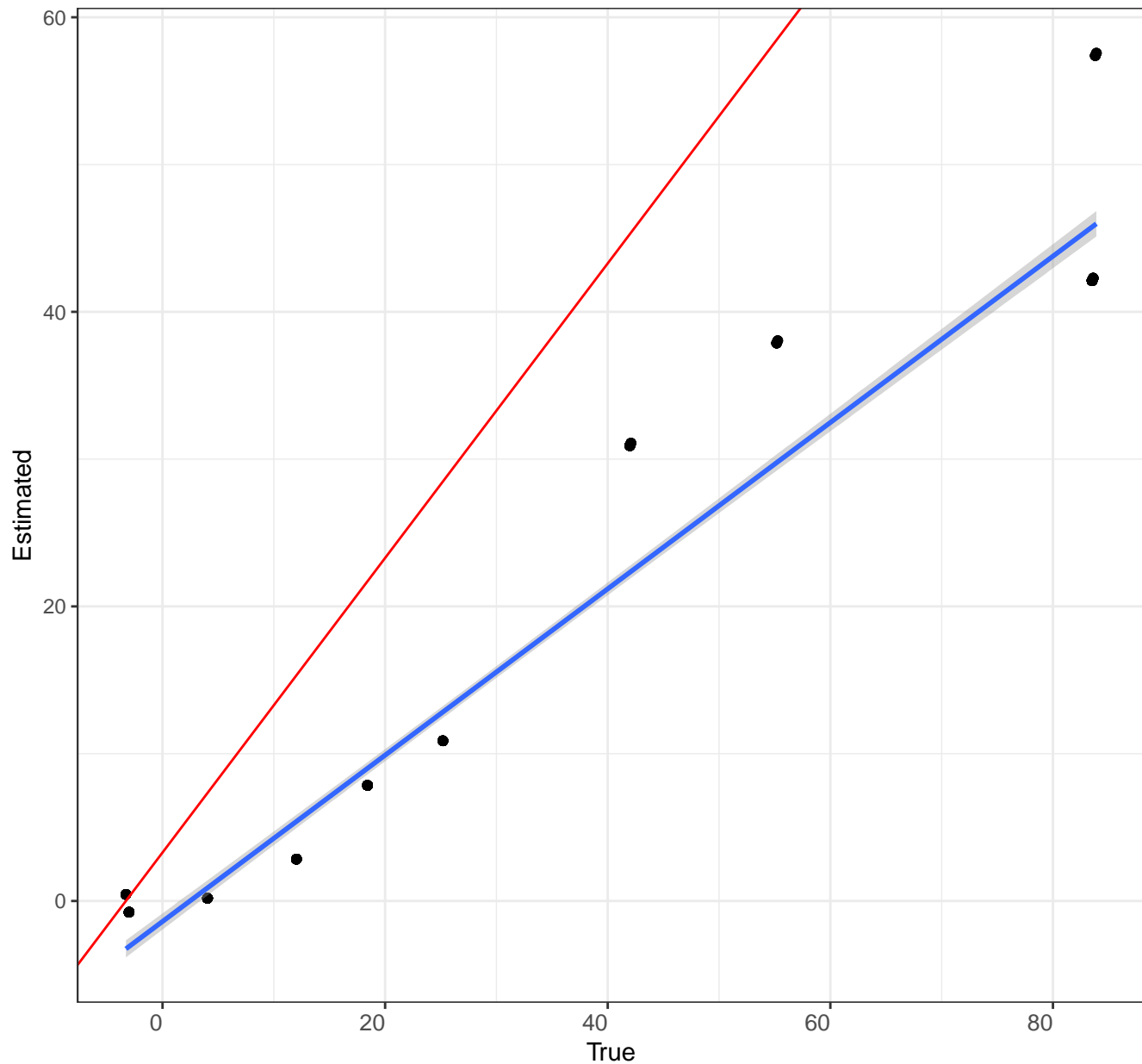Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=5 true gr K=4 ,type=1 ,N=150

Weights for the case: S=20 ,r=5 true gr K=4 ,type=1 ,N=150 pN=0.005
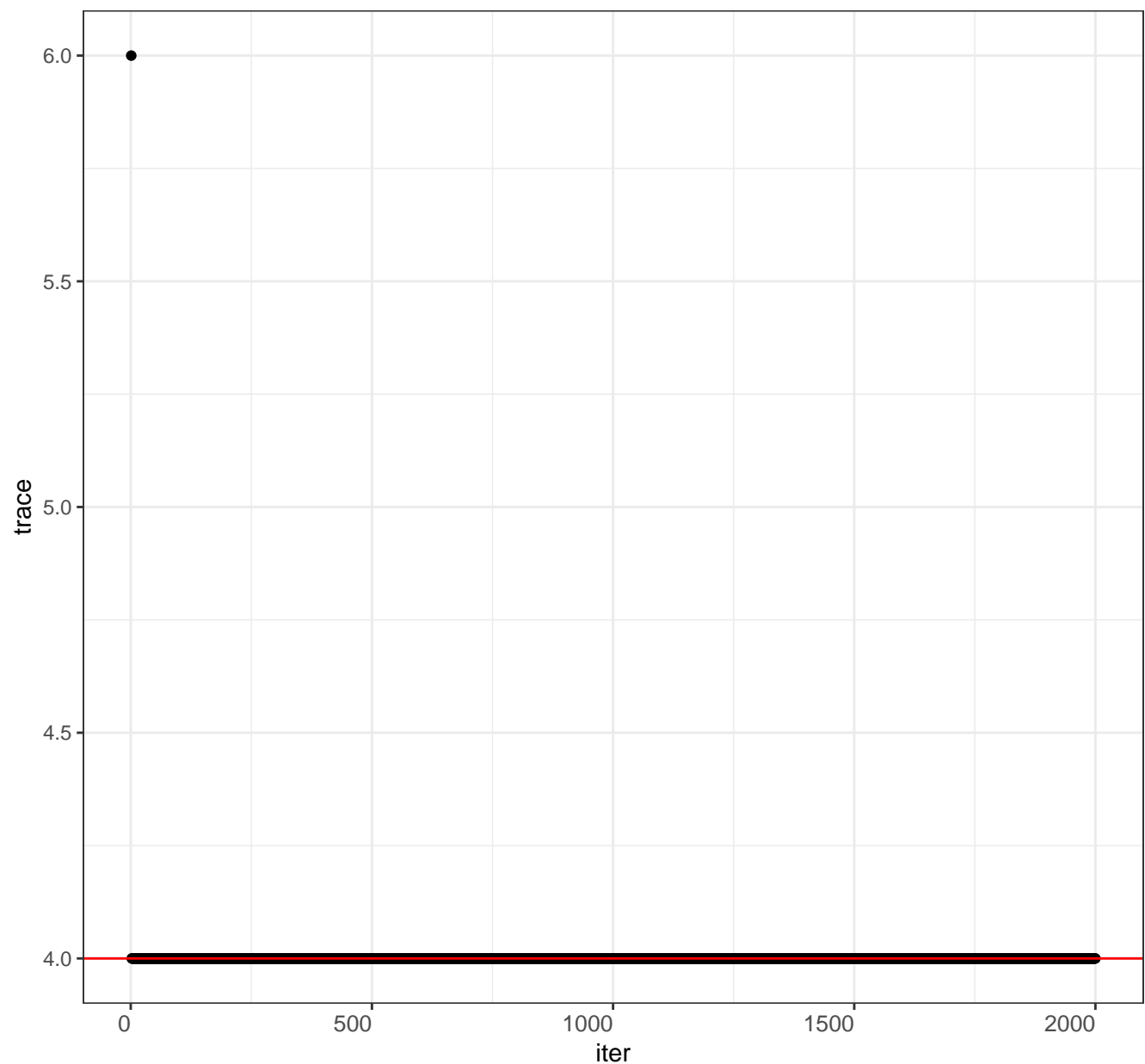
Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=20 r=5 true K=4 type=1
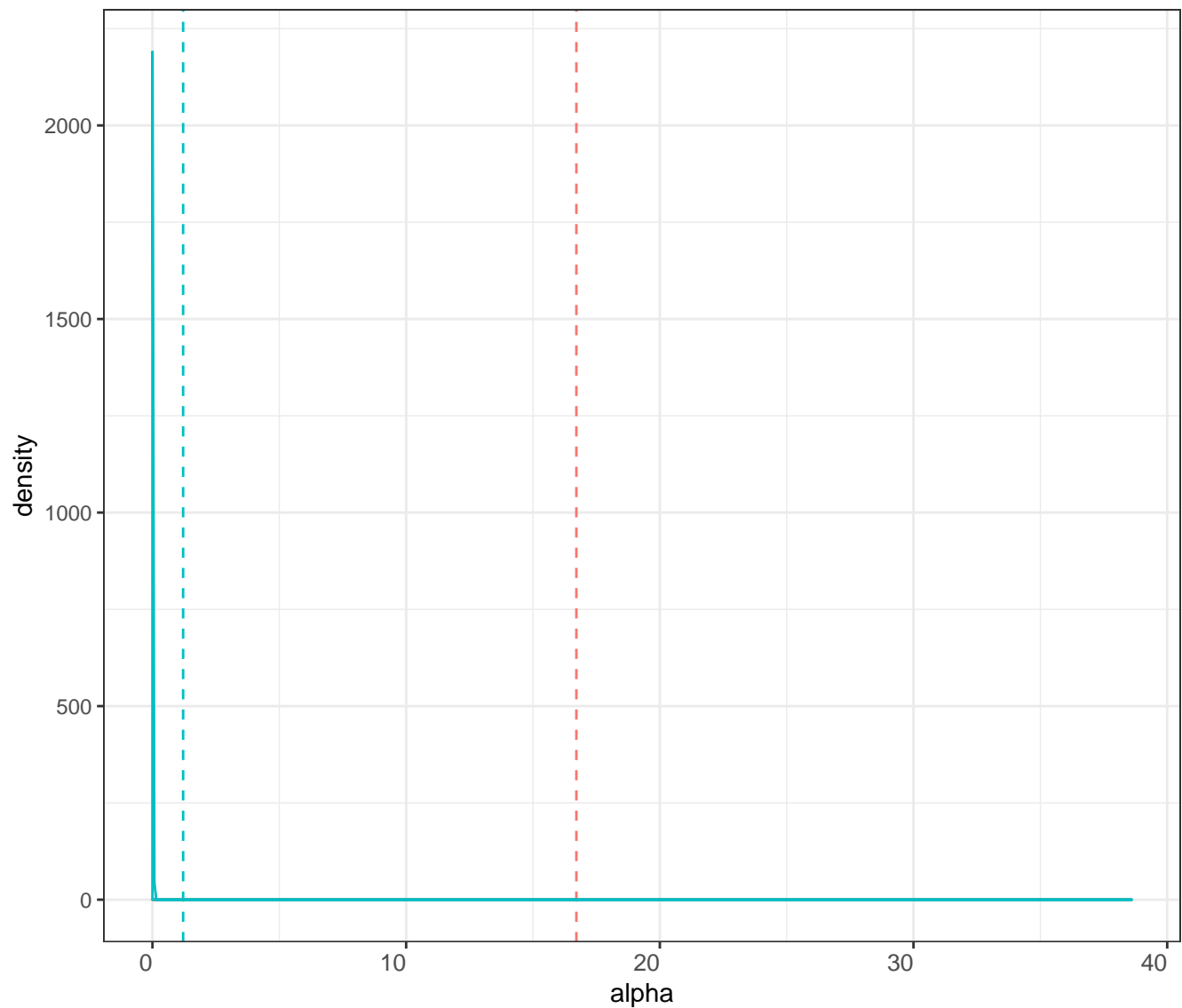
Trace plot for the number of groups K for S=20 r=10 true K=4 type=1

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

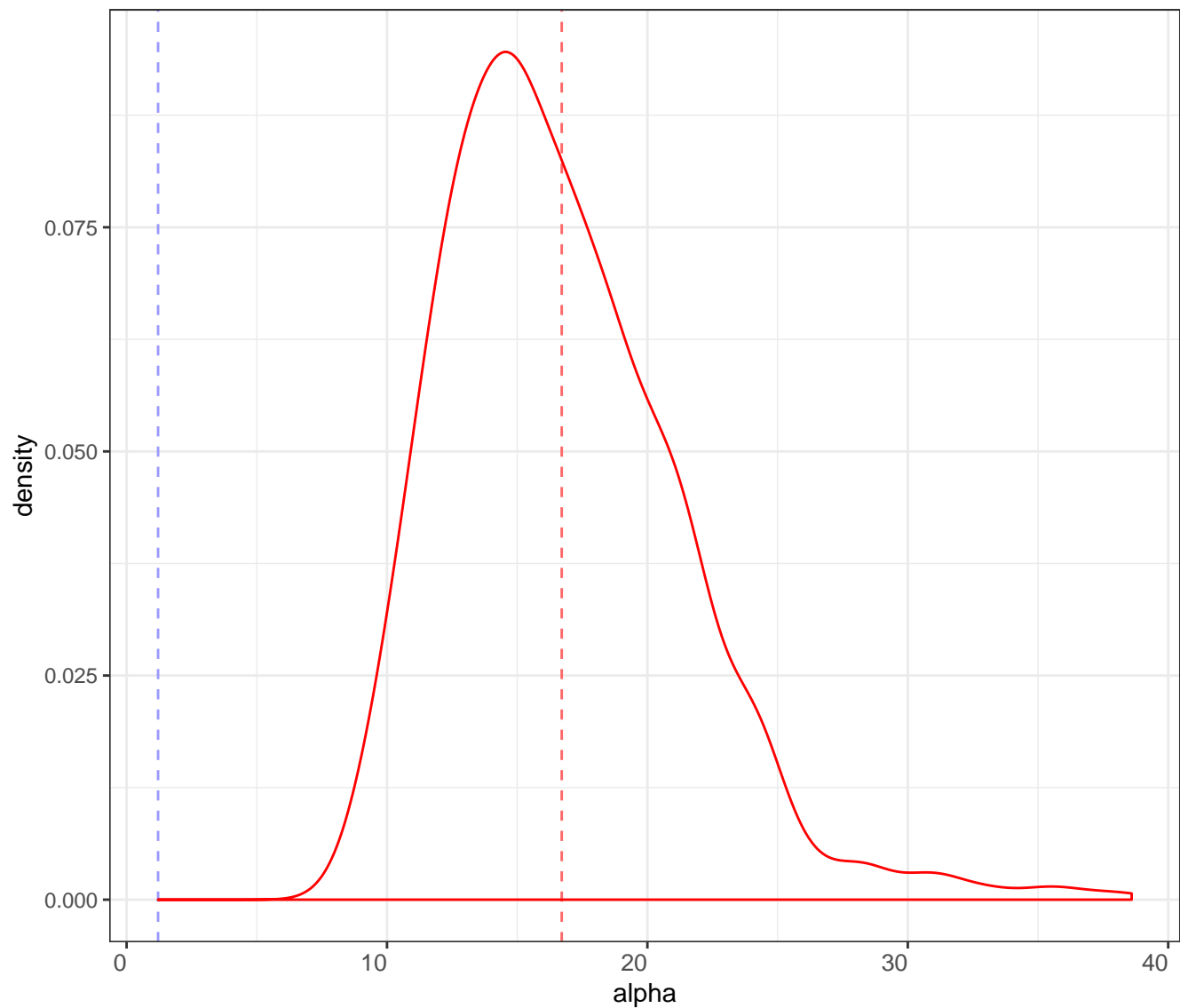Distribution alpha: S=20 ,r=10 true gr K=4 ,type=1 ,N=150

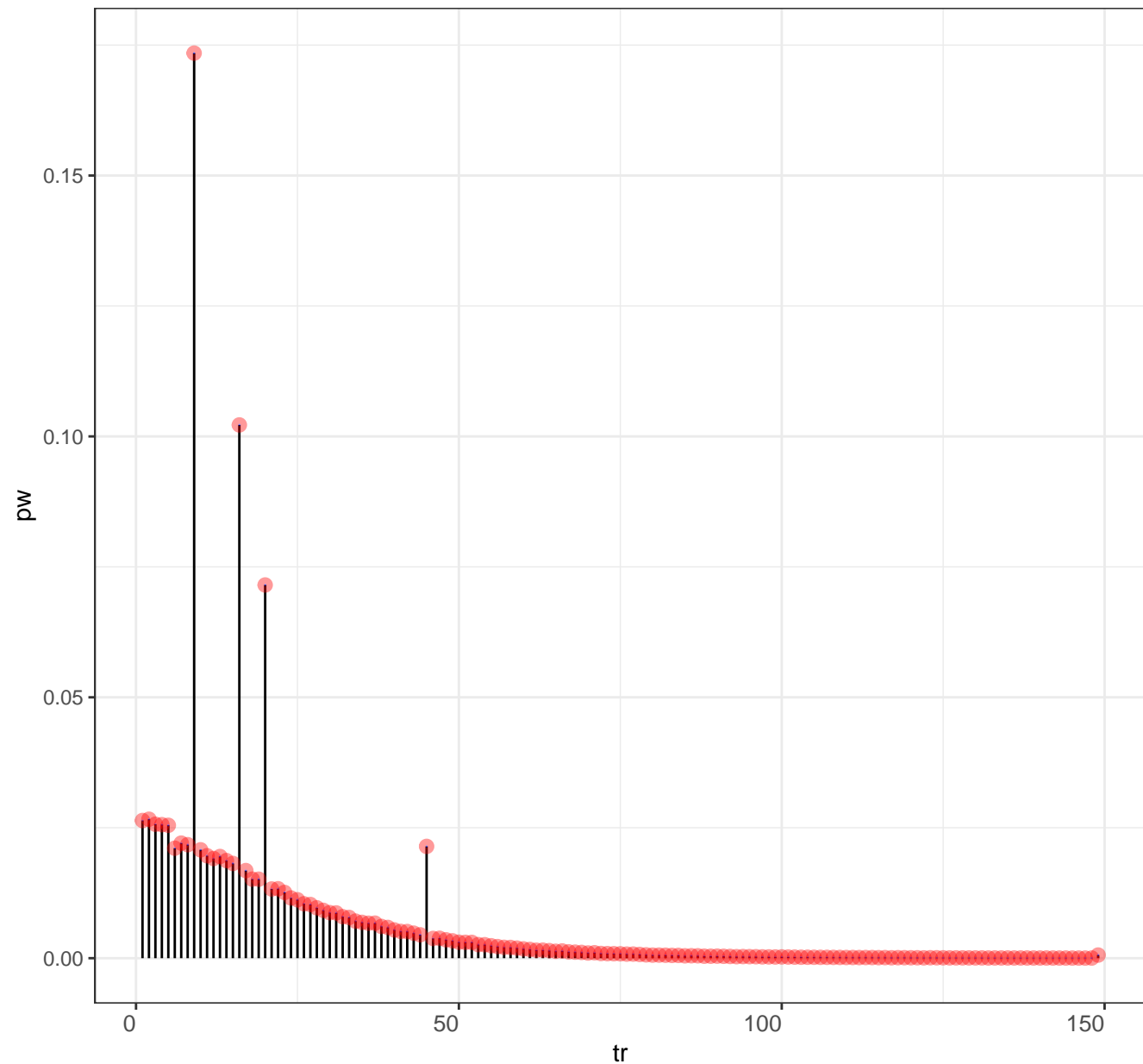Number of iterations: 2000 burnin: 1000 number of samples: 500

Posterior distribution for alpha

Legend — posterior mean — prior mean
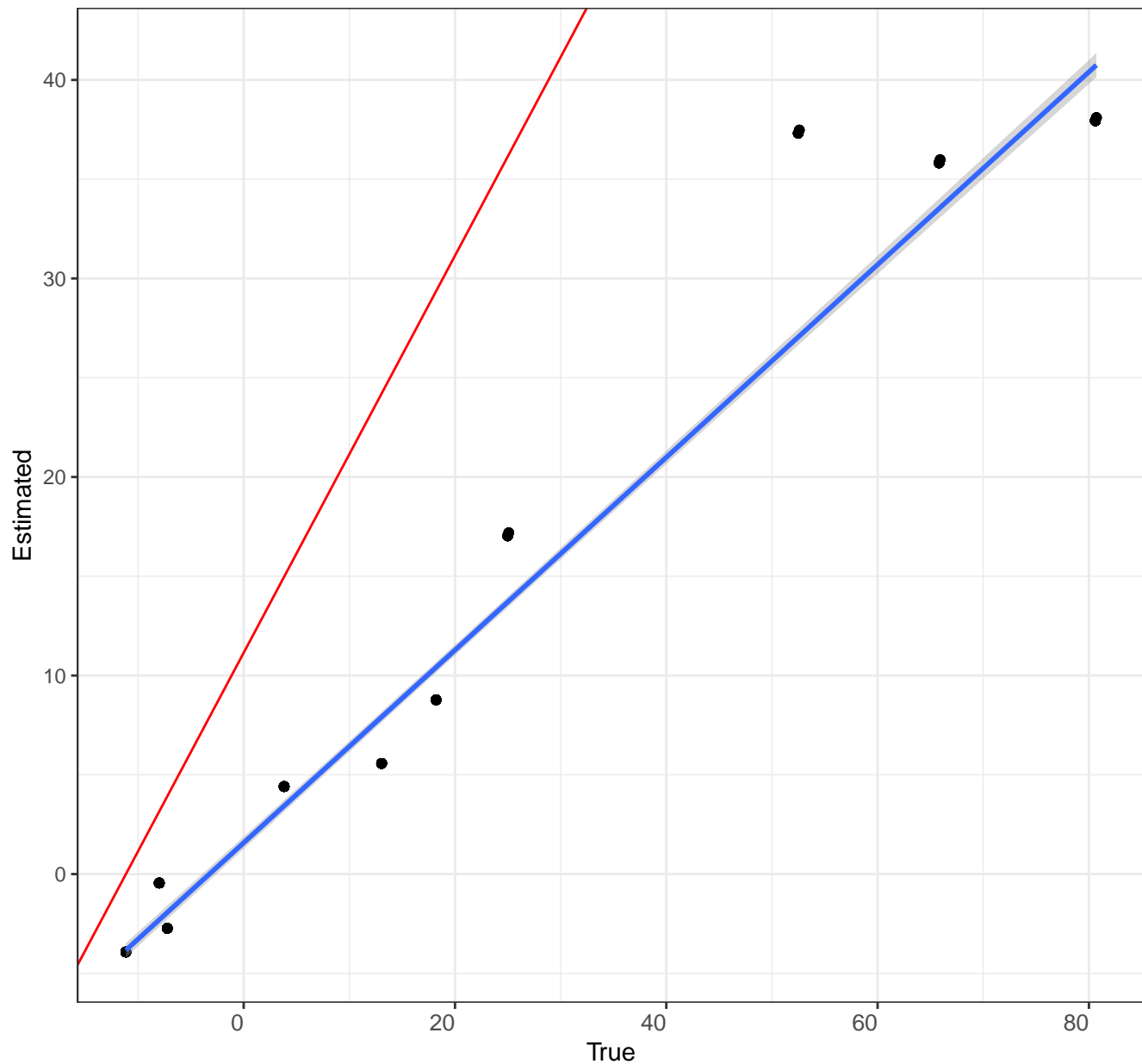
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=10 true gr K=4 ,type=1 ,N=150

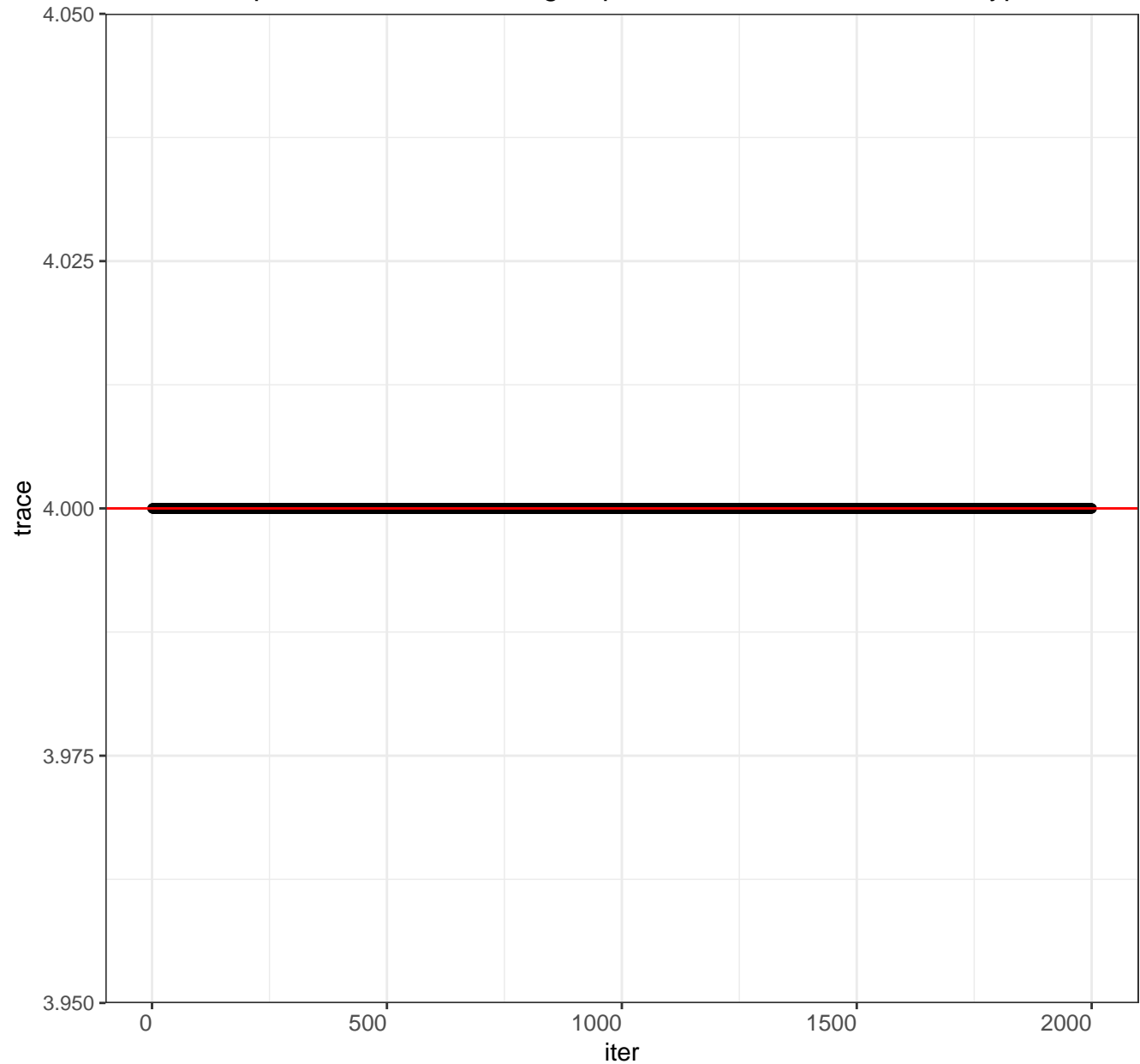Weights for the case: S=20 ,r=10 true gr K=4 ,type=1 ,N=150 pN=0.001

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

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=20 r=10 true K=4 type=1

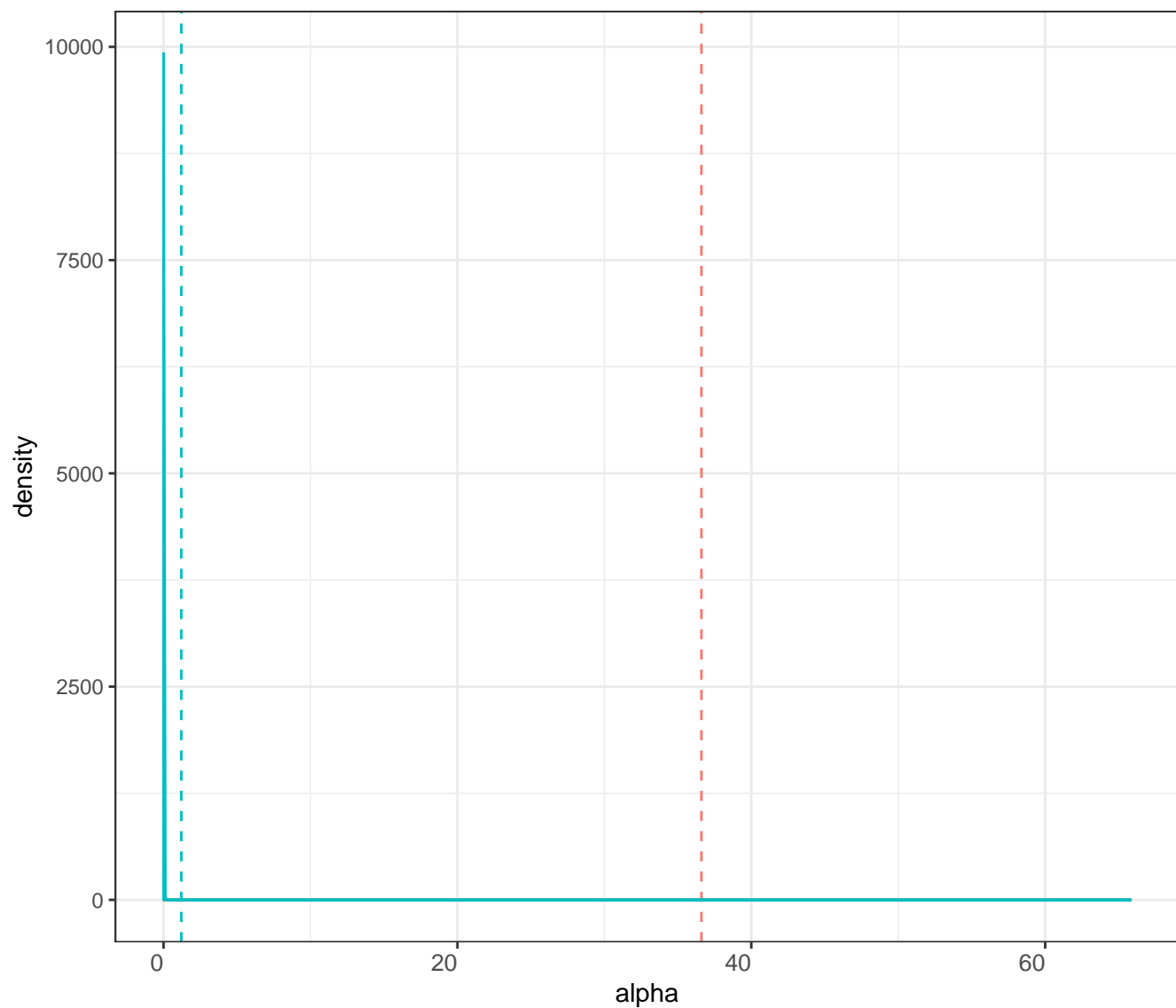Trace plot for the number of groups K for S=20 r=10 true K=4 type=1

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

Distribution alpha: S=20 ,r=10 true gr K=4 ,type=1 ,N=150

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

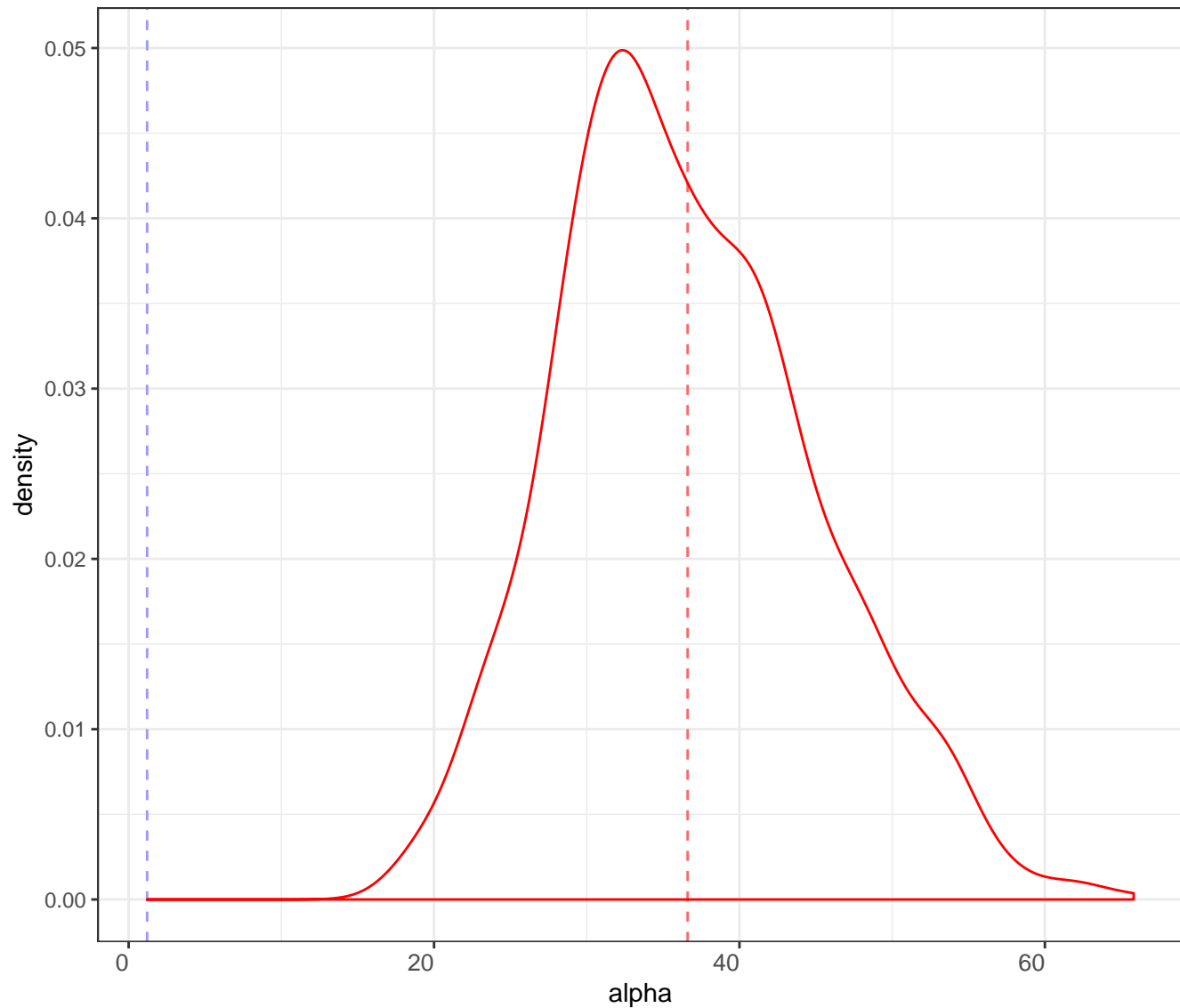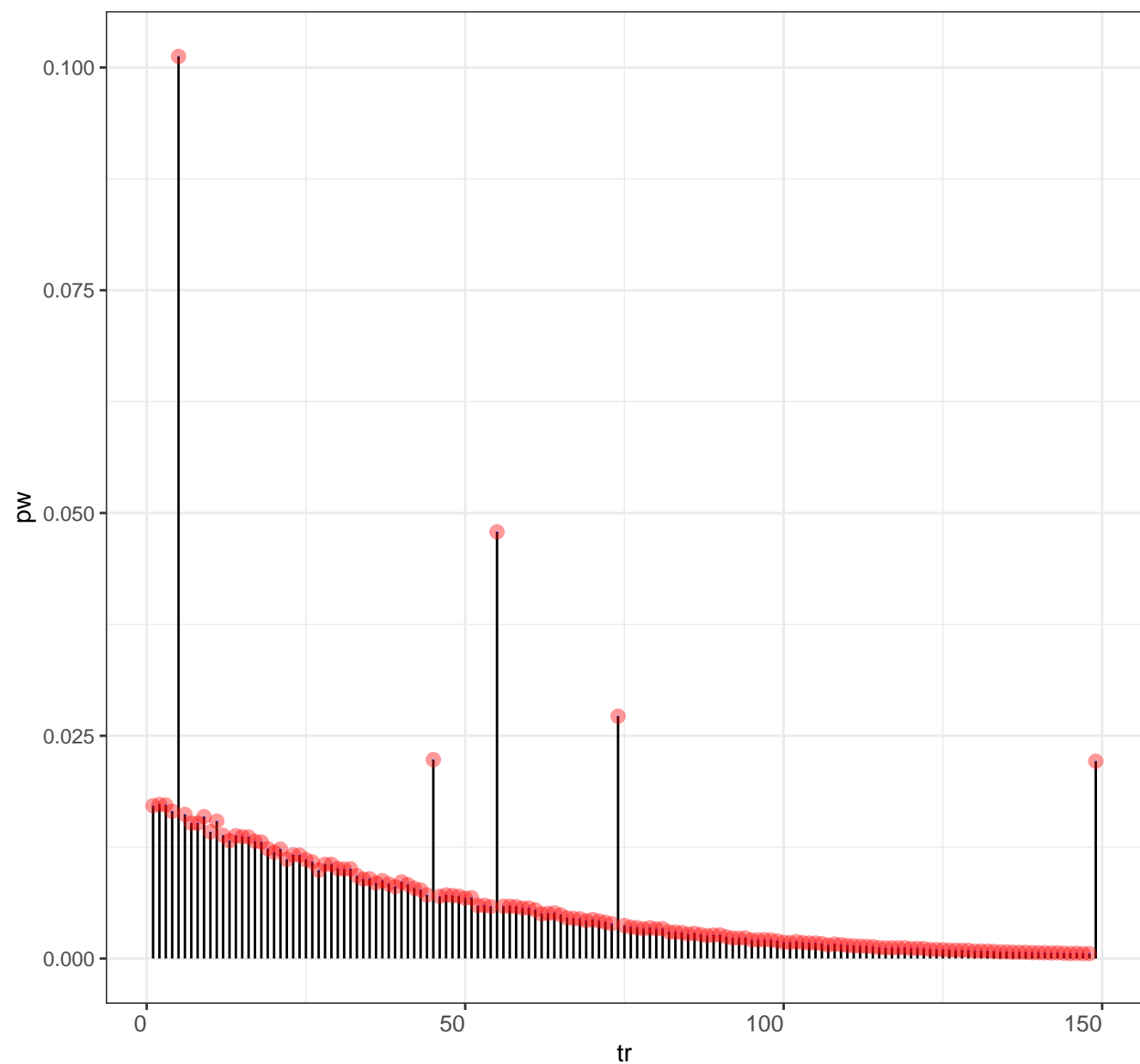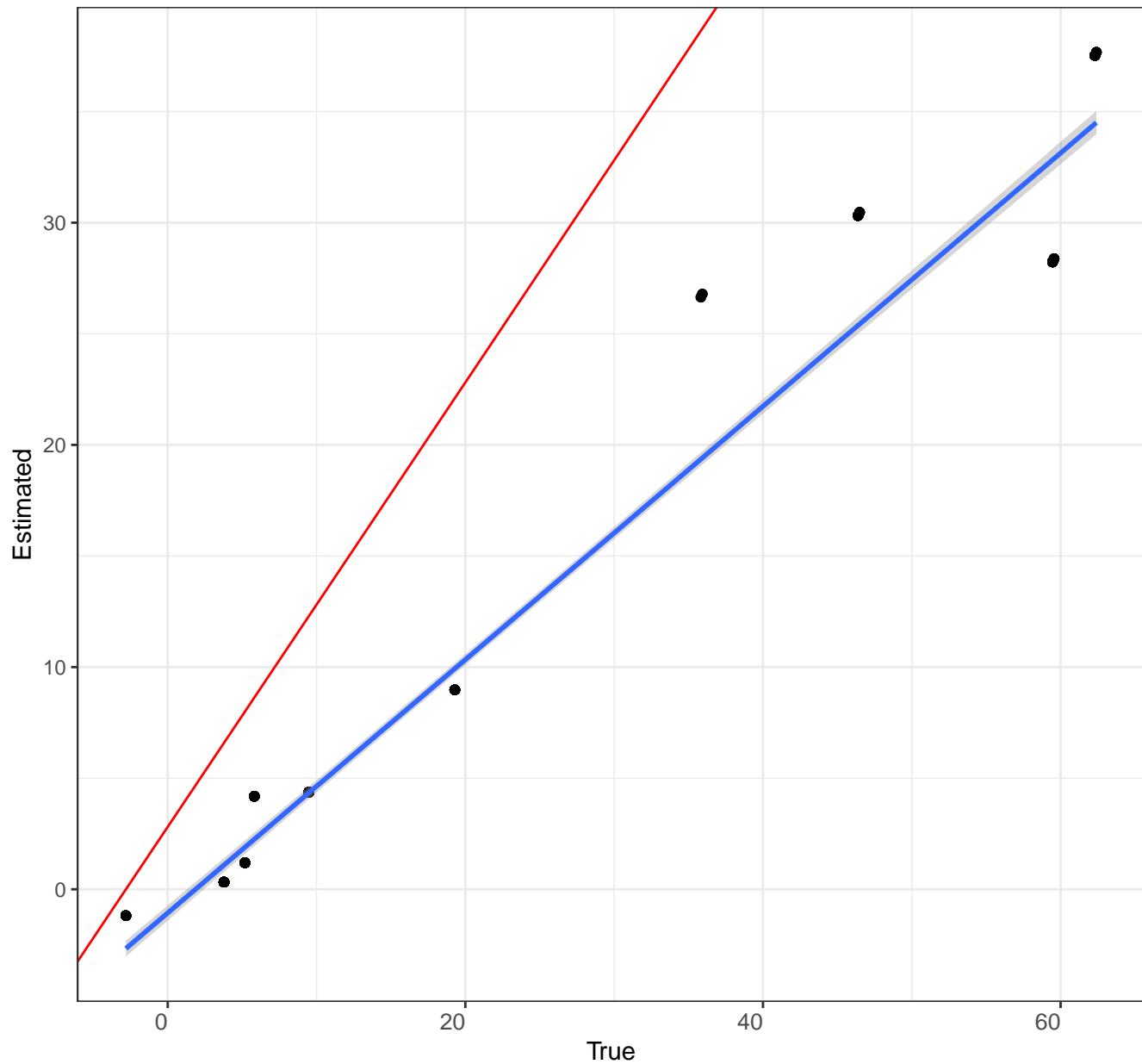Posterior distribution for alpha

Legend   posterior mean   prior mean

Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=10 true gr K=4 ,type=1 ,N=150

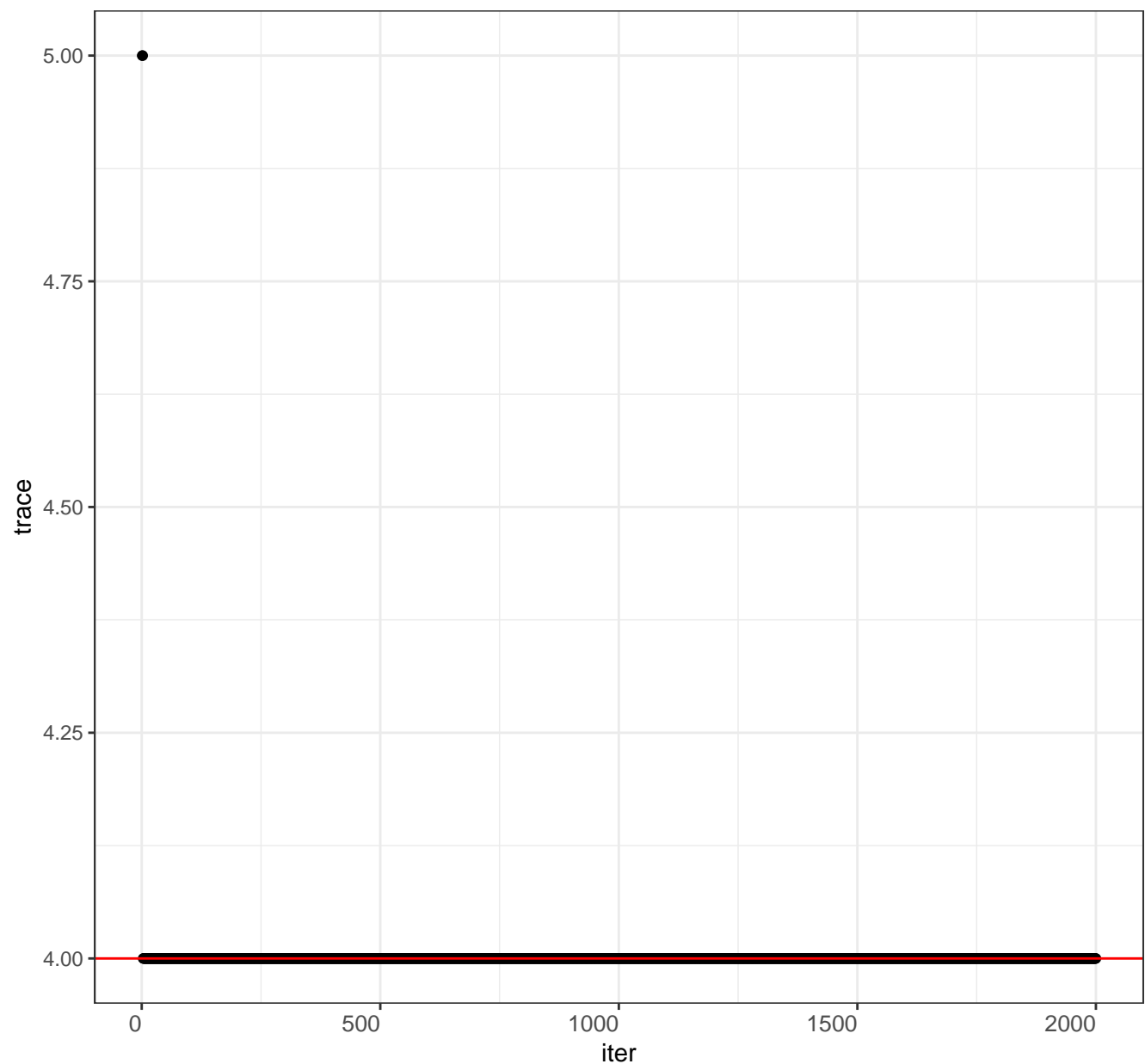Weights for the case: S=20 ,r=10 true gr K=4 ,type=1 ,N=150 pN=0.022

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

True vs estimated covariance parameters

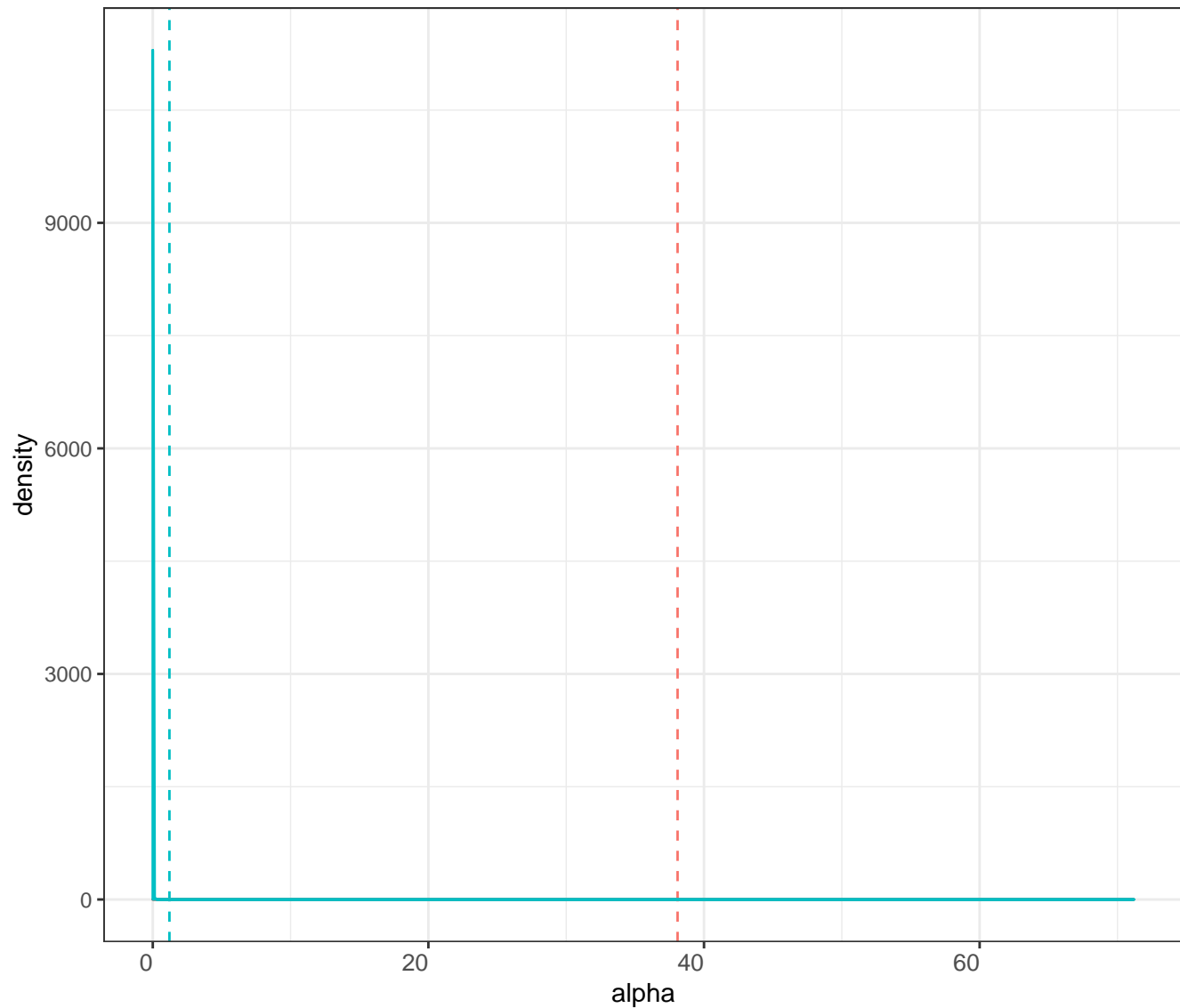Number of iterations: 2000 burnin: 1000number of samples: 500S=20 r=10 true K=4 type=1

Trace plot for the number of groups K for S=20 r=10 true K=4 type=1

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

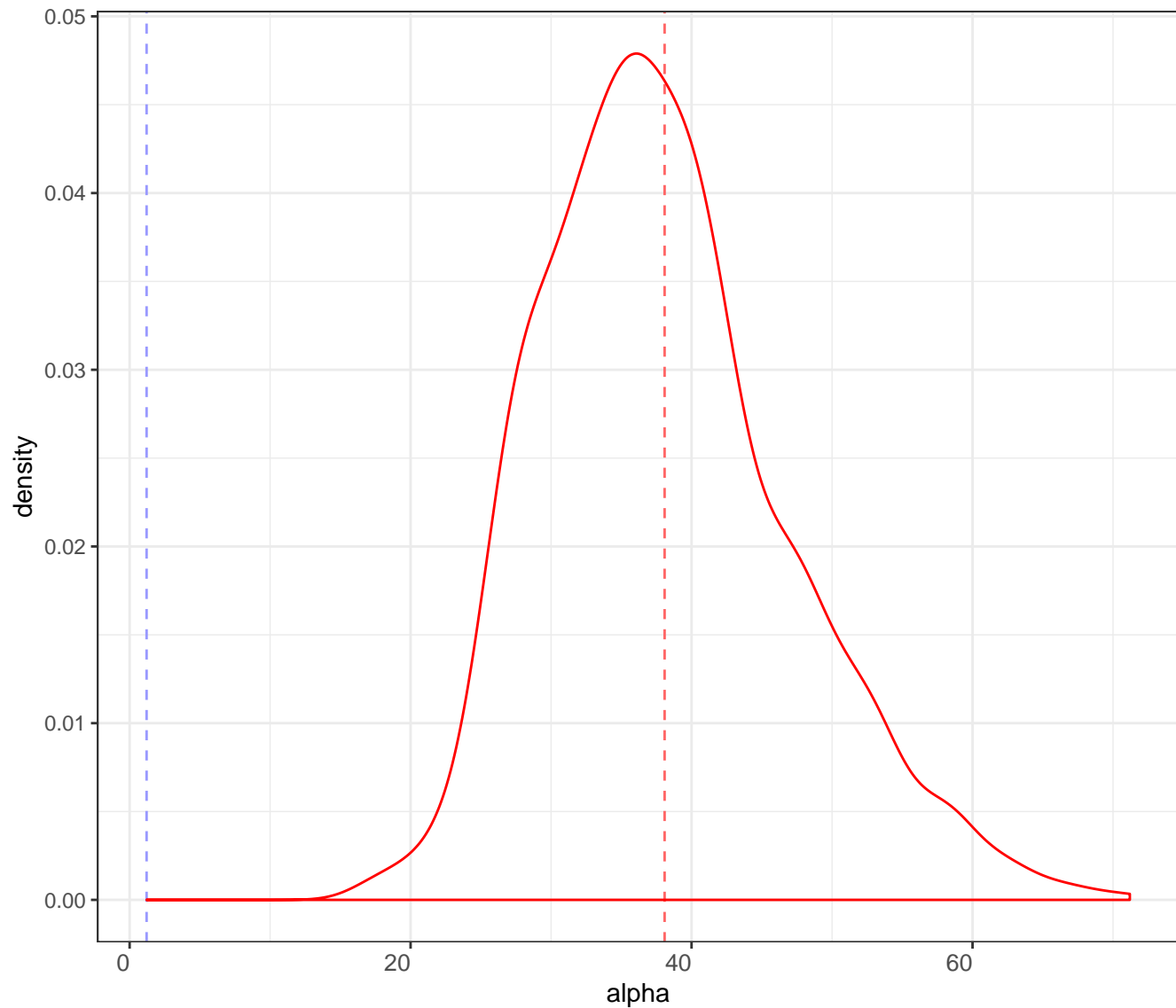Distribution alpha: S=20 ,r=10 true gr K=4 ,type=1 ,N=150

type — posterior — prior

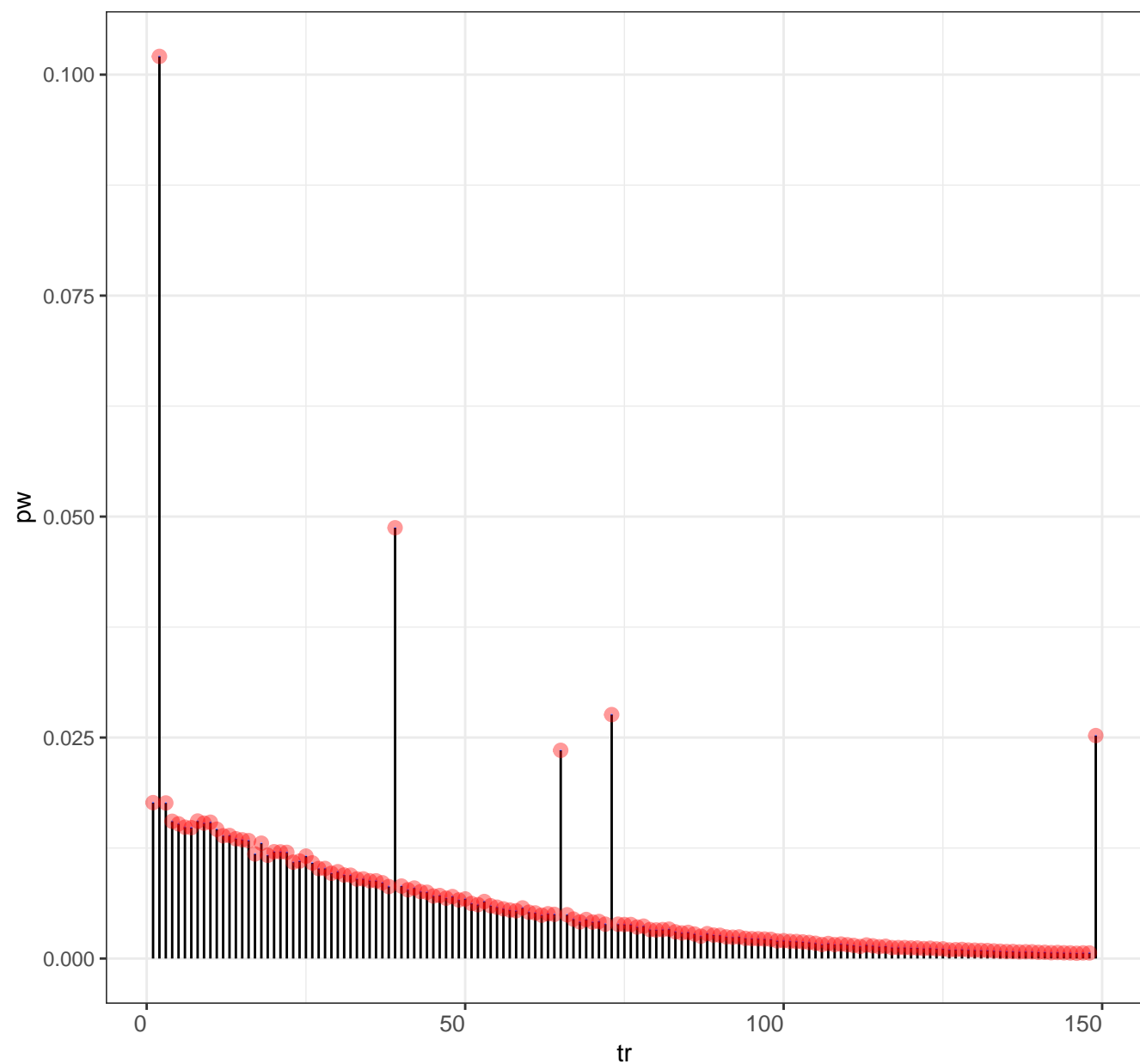Number of iterations: 2000 burnin: 1000 number of samples: 500

Posterior distribution for alpha

Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=10 true gr K=4 ,type=1 ,N=150
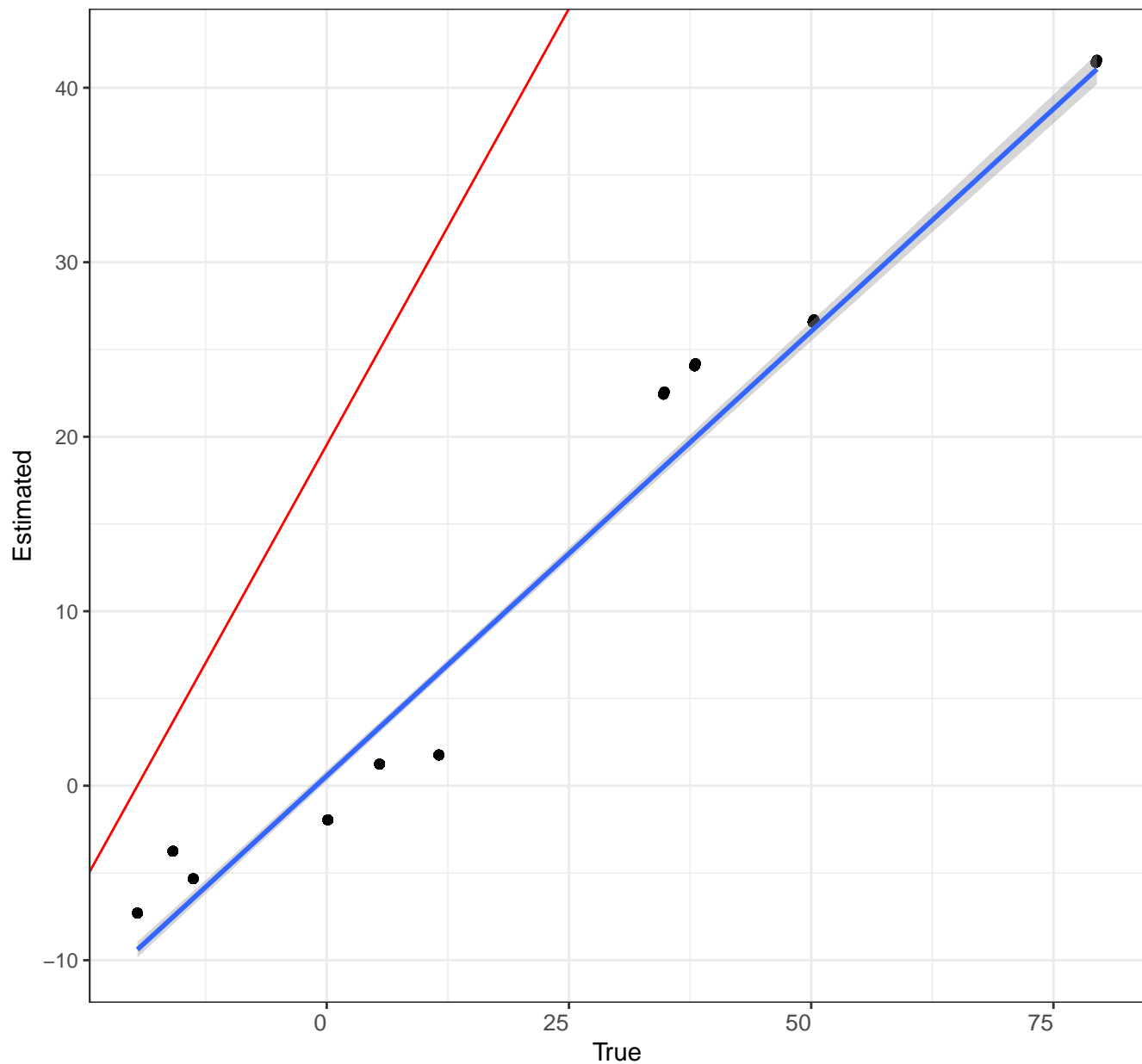
Weights for the case: S=20 ,r=10 true gr K=4 ,type=1 ,N=150 pN=0.025

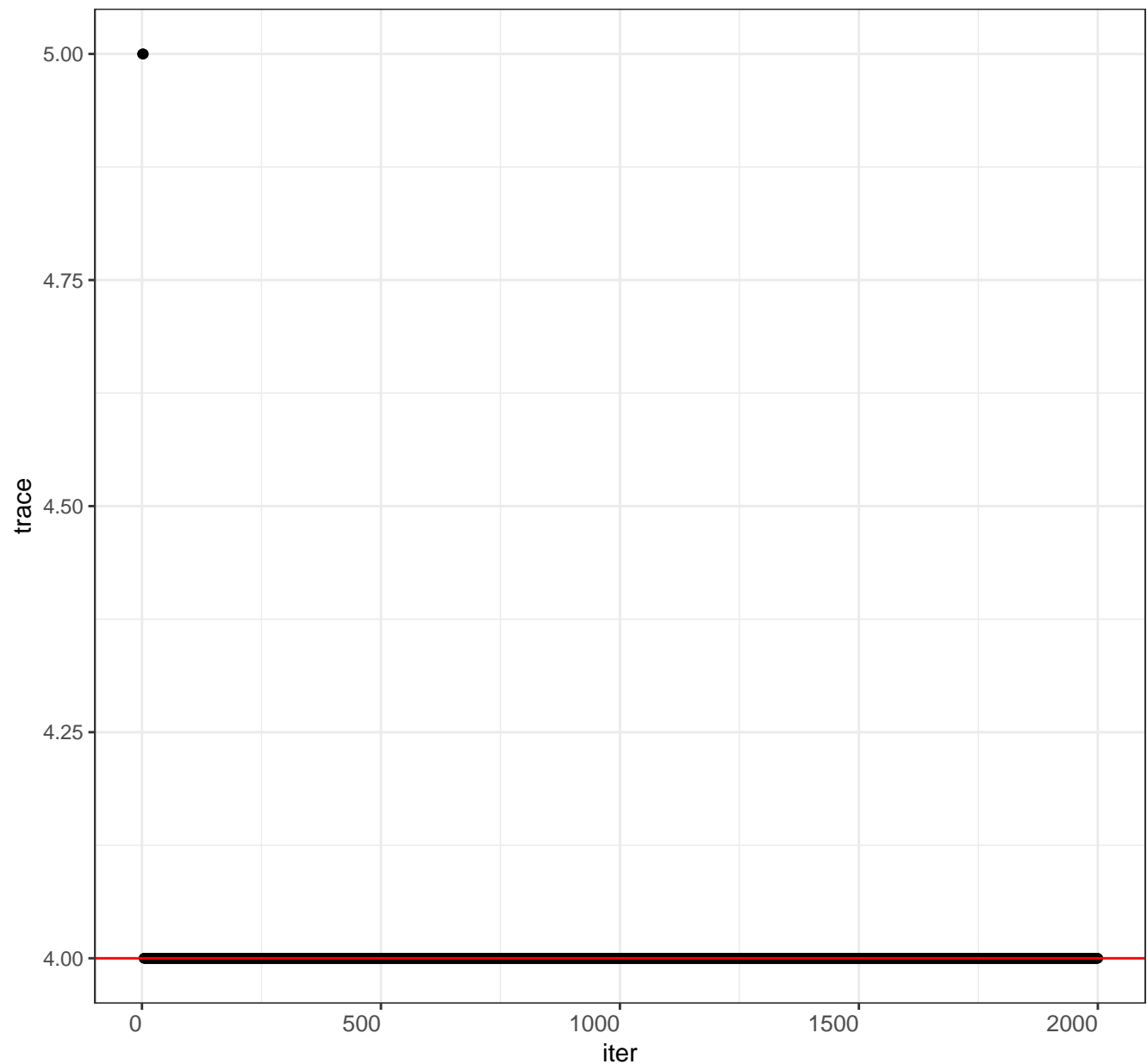Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters

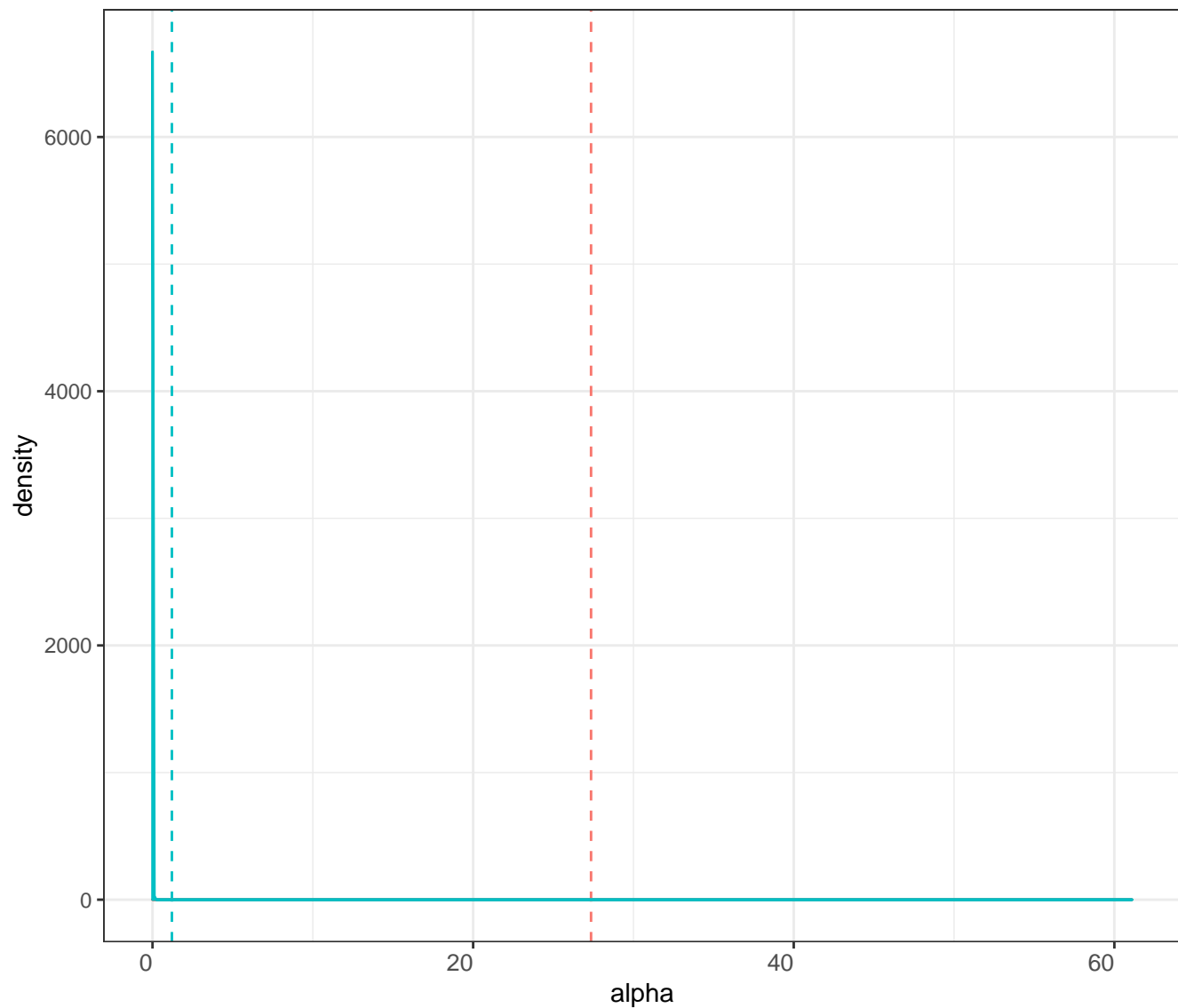Number of iterations: 2000 burnin: 1000number of samples: 500S=20 r=10 true K=4 type=1

Trace plot for the number of groups K for S=20 r=10 true K=4 type=1

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

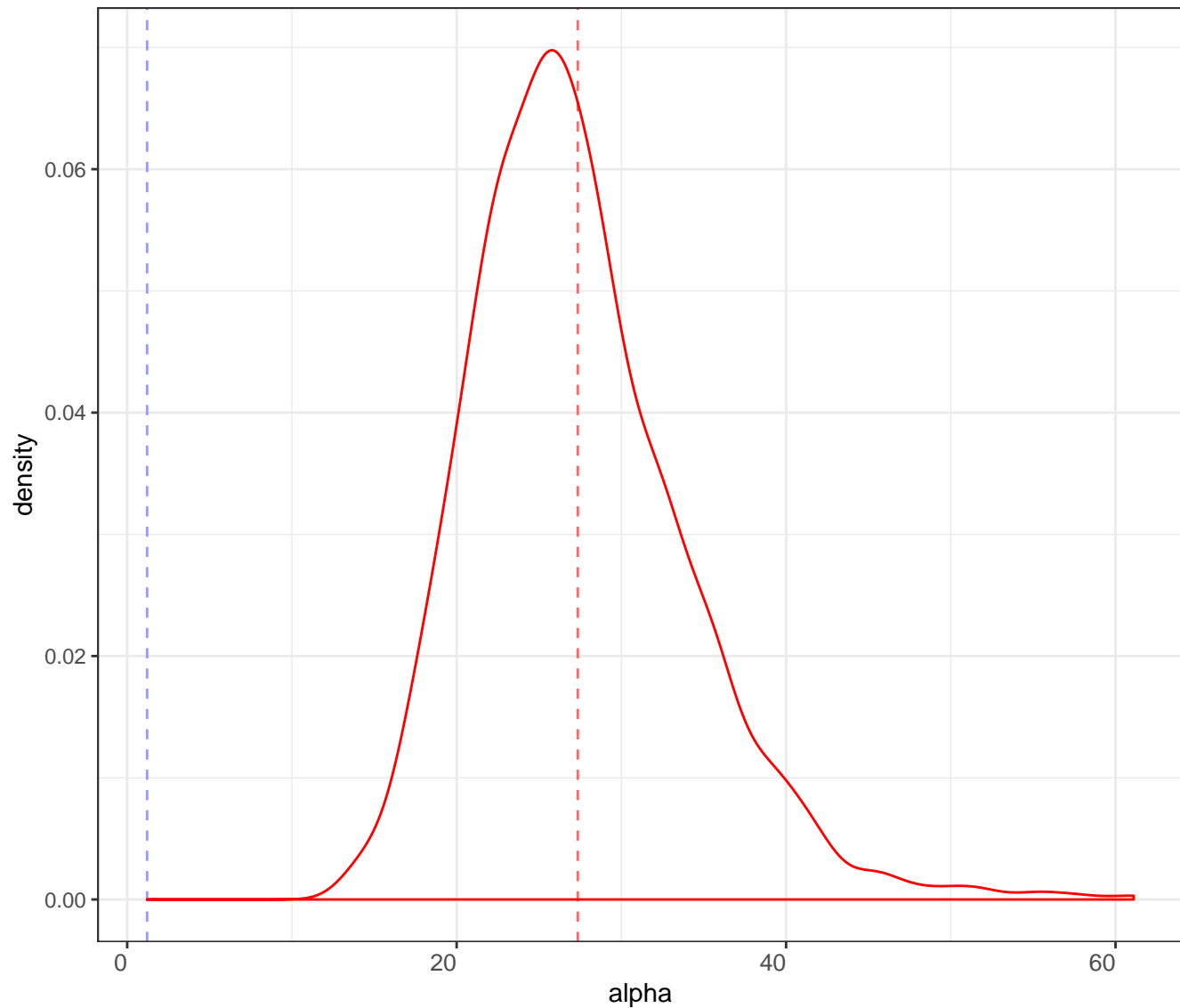Distribution alpha: S=20 ,r=10 true gr K=4 ,type=1 ,N=150

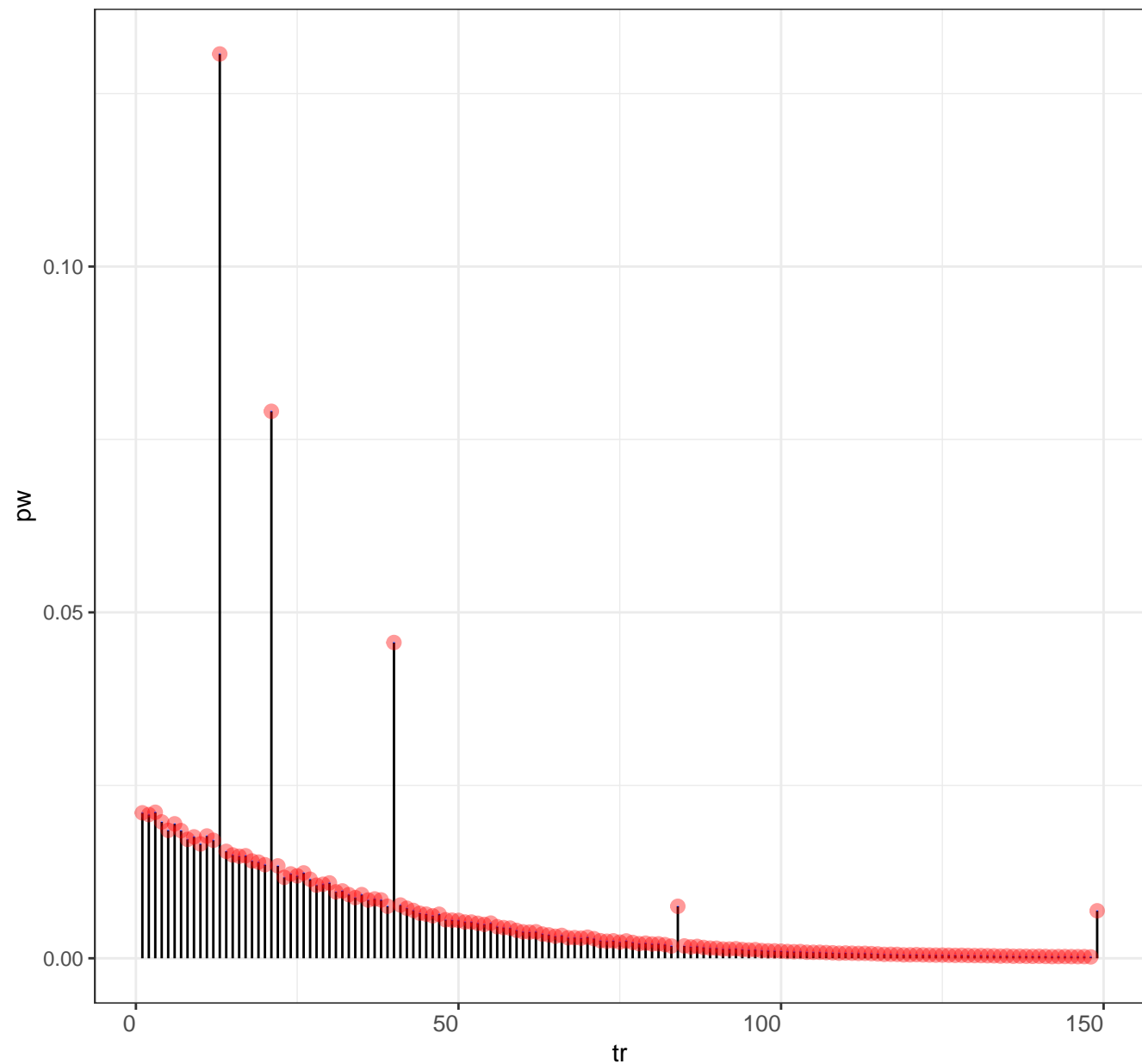Number of iterations: 2000 burnin: 1000 number of samples: 500

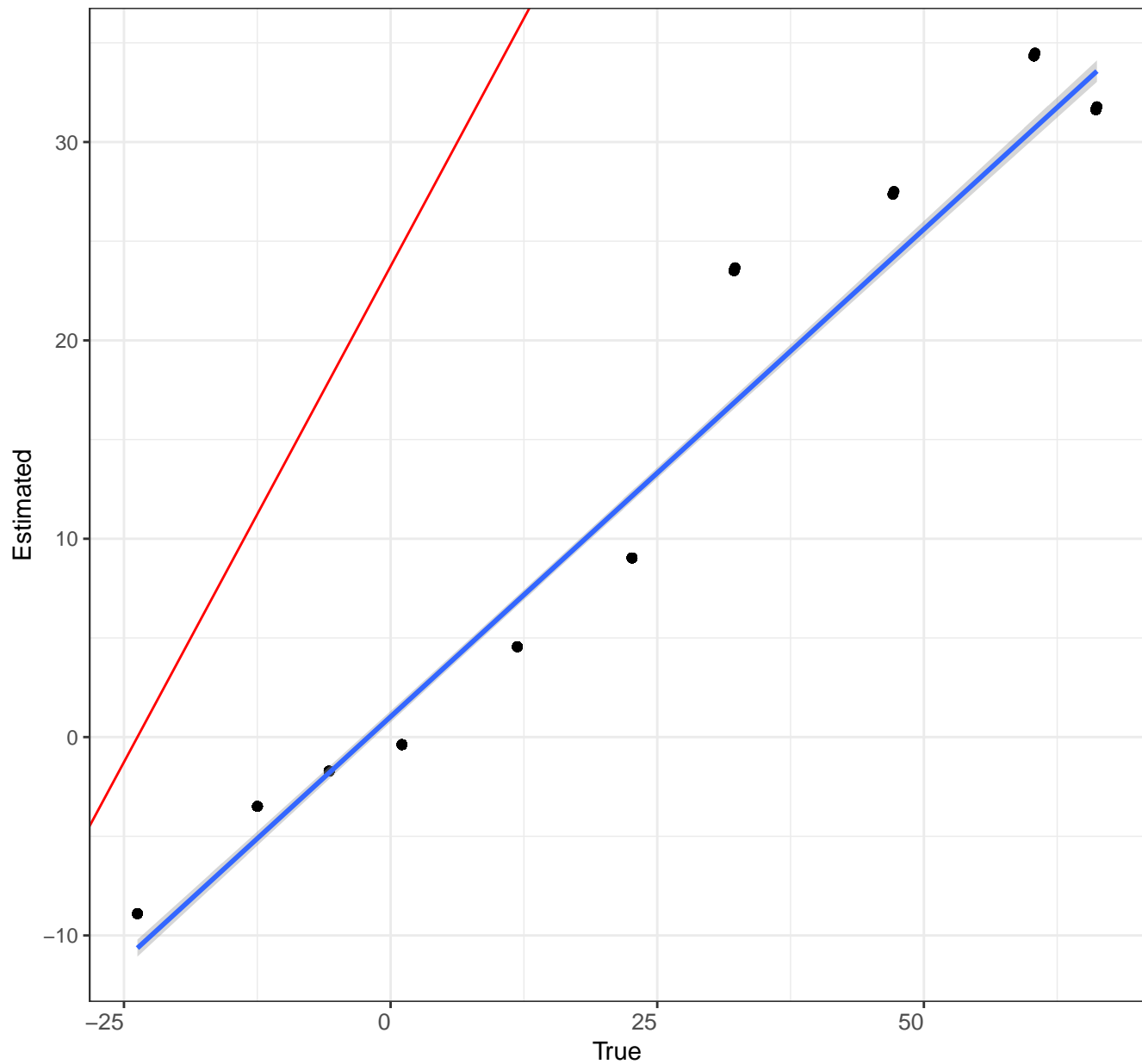Posterior distribution for alpha

Legend   posterior mean   prior mean

Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=10 true gr K=4 ,type=1 ,N=150

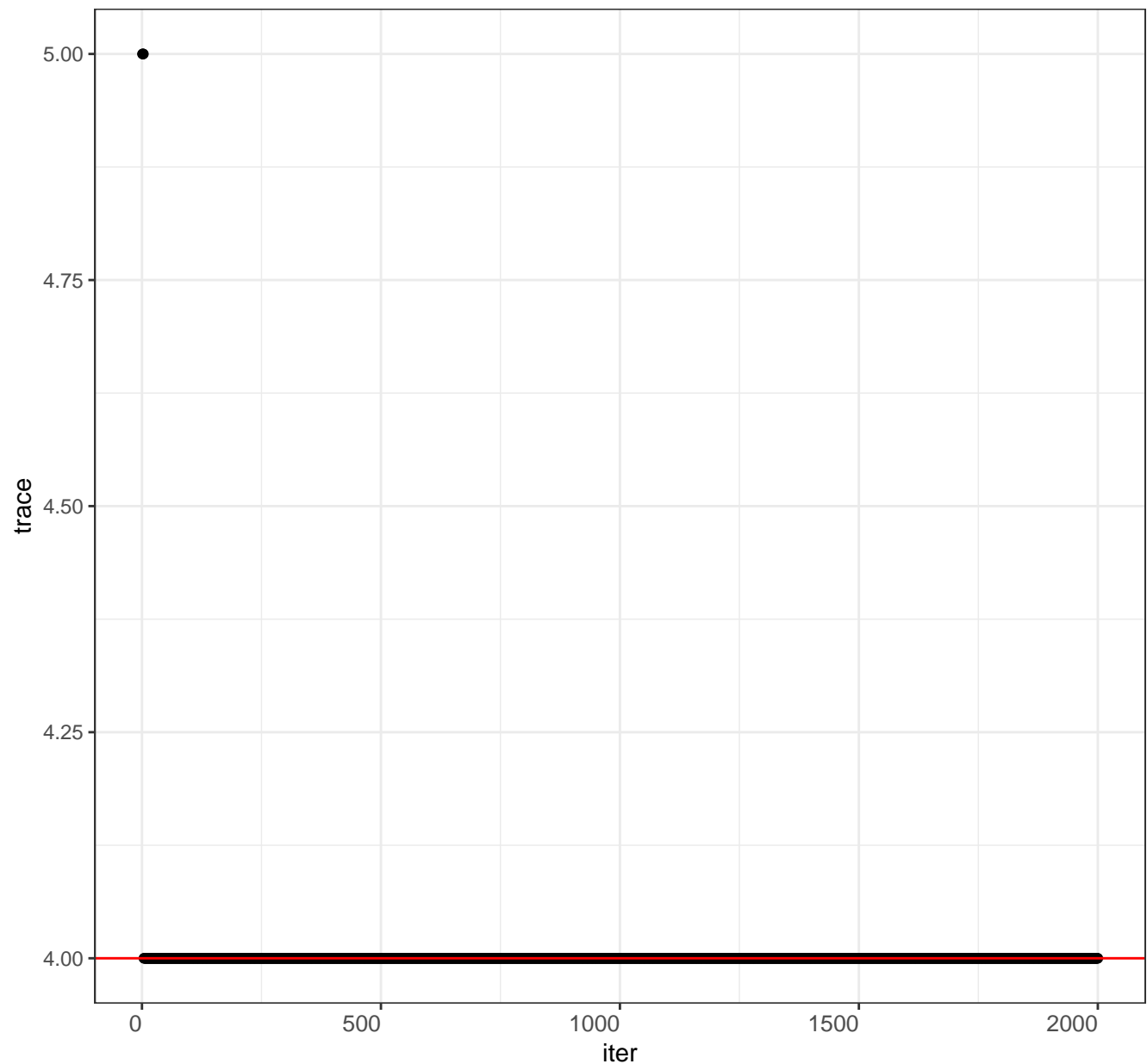Weights for the case: S=20 ,r=10 true gr K=4 ,type=1 ,N=150 pN=0.007

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

True vs estimated covariance parameters

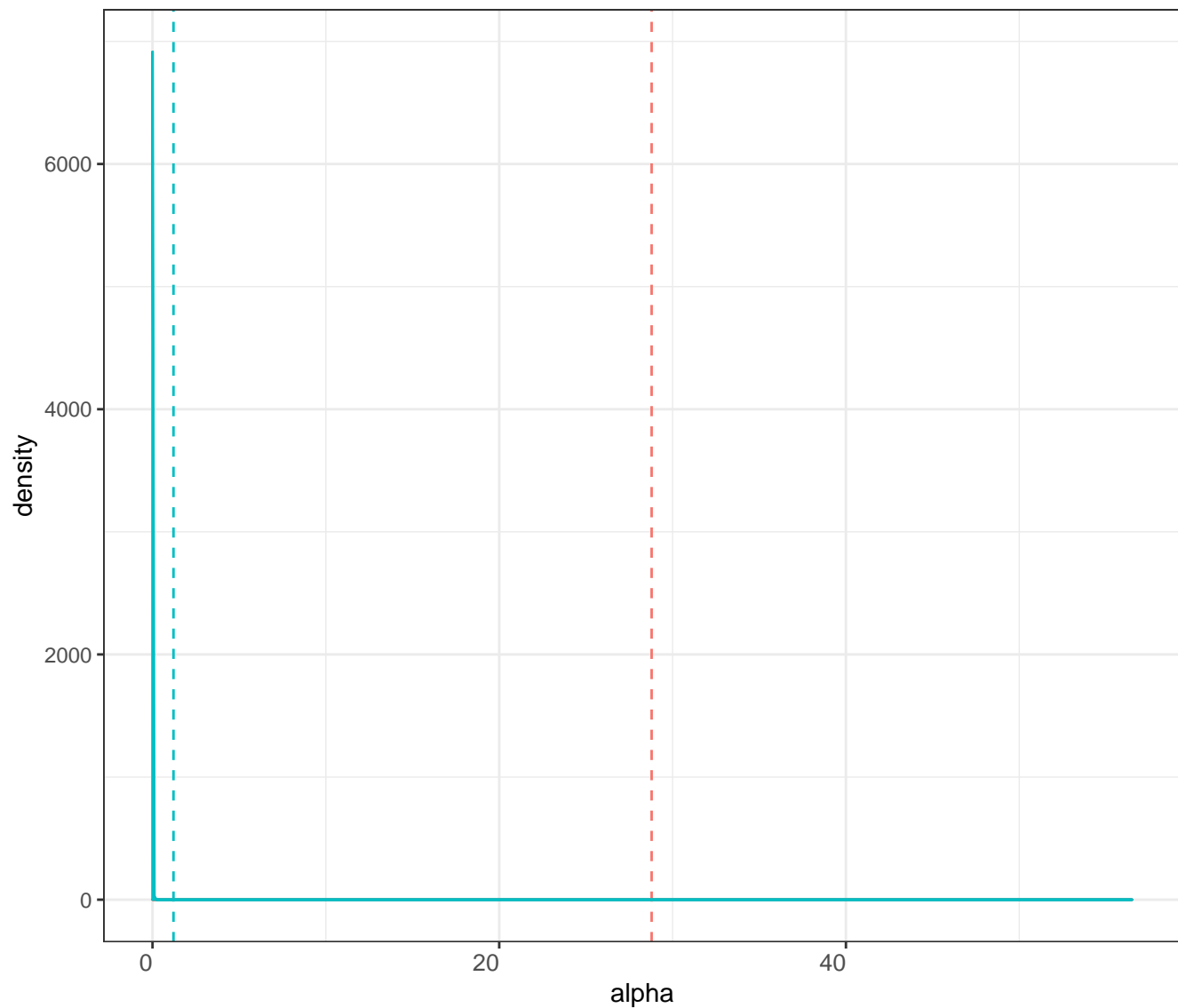Number of iterations: 2000 burnin: 1000number of samples: 500S=20 r=10 true K=4 type=1

Trace plot for the number of groups K for S=20 r=10 true K=4 type=1

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

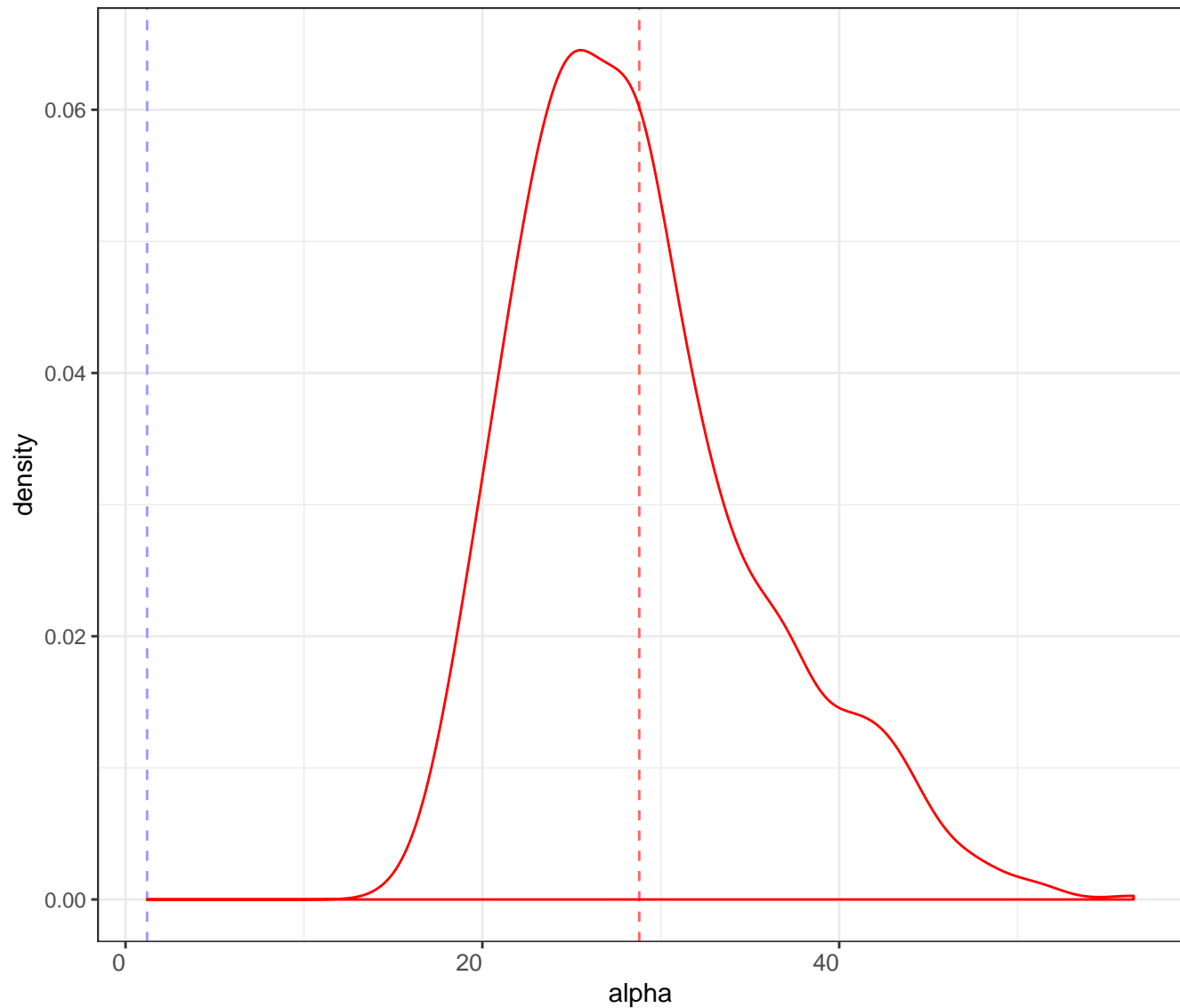Distribution alpha: S=20 ,r=10 true gr K=4 ,type=1 ,N=150

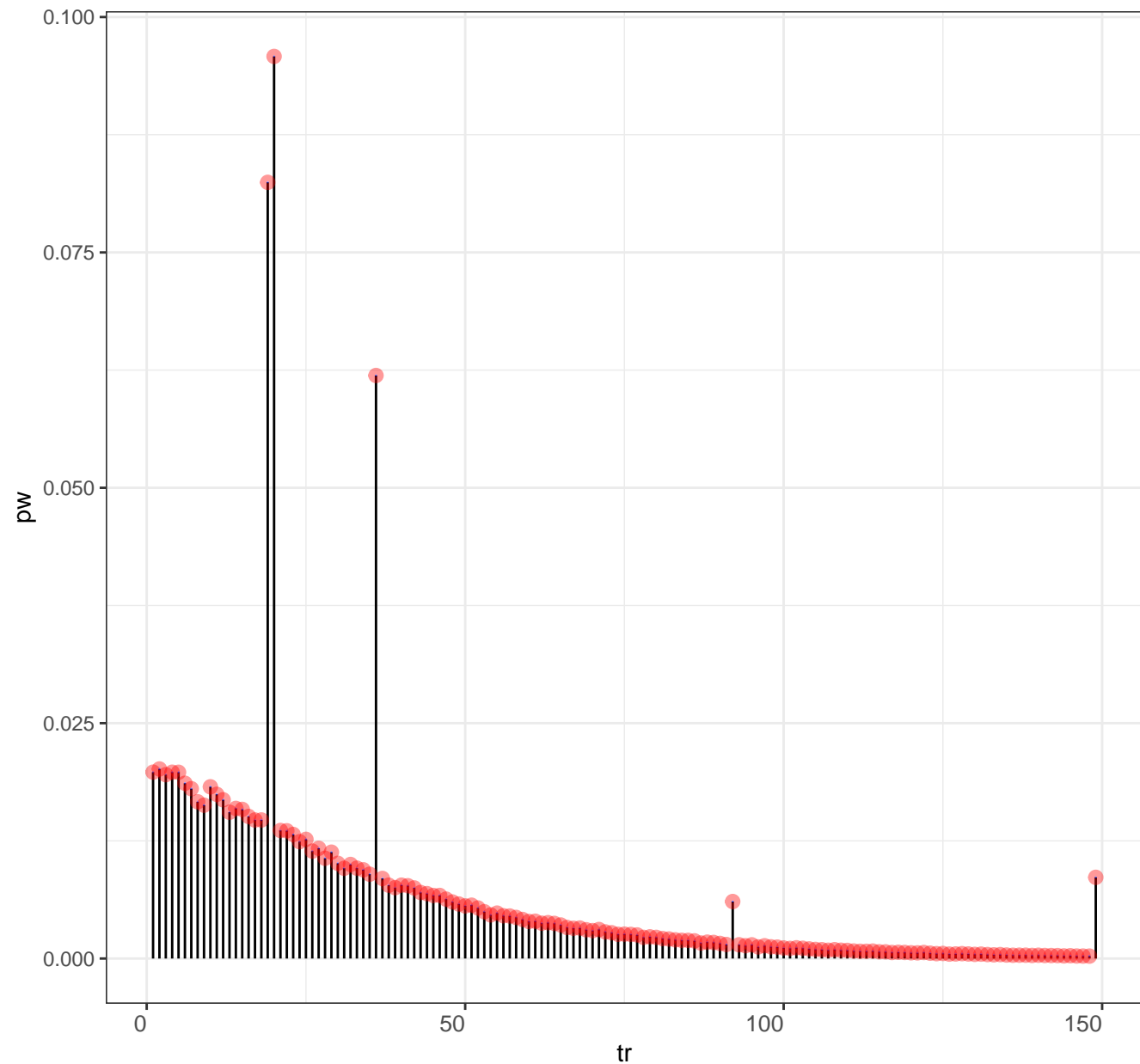Number of iterations: 2000 burnin: 1000 number of samples: 500

Posterior distribution for alpha

Legend   posterior mean   prior mean
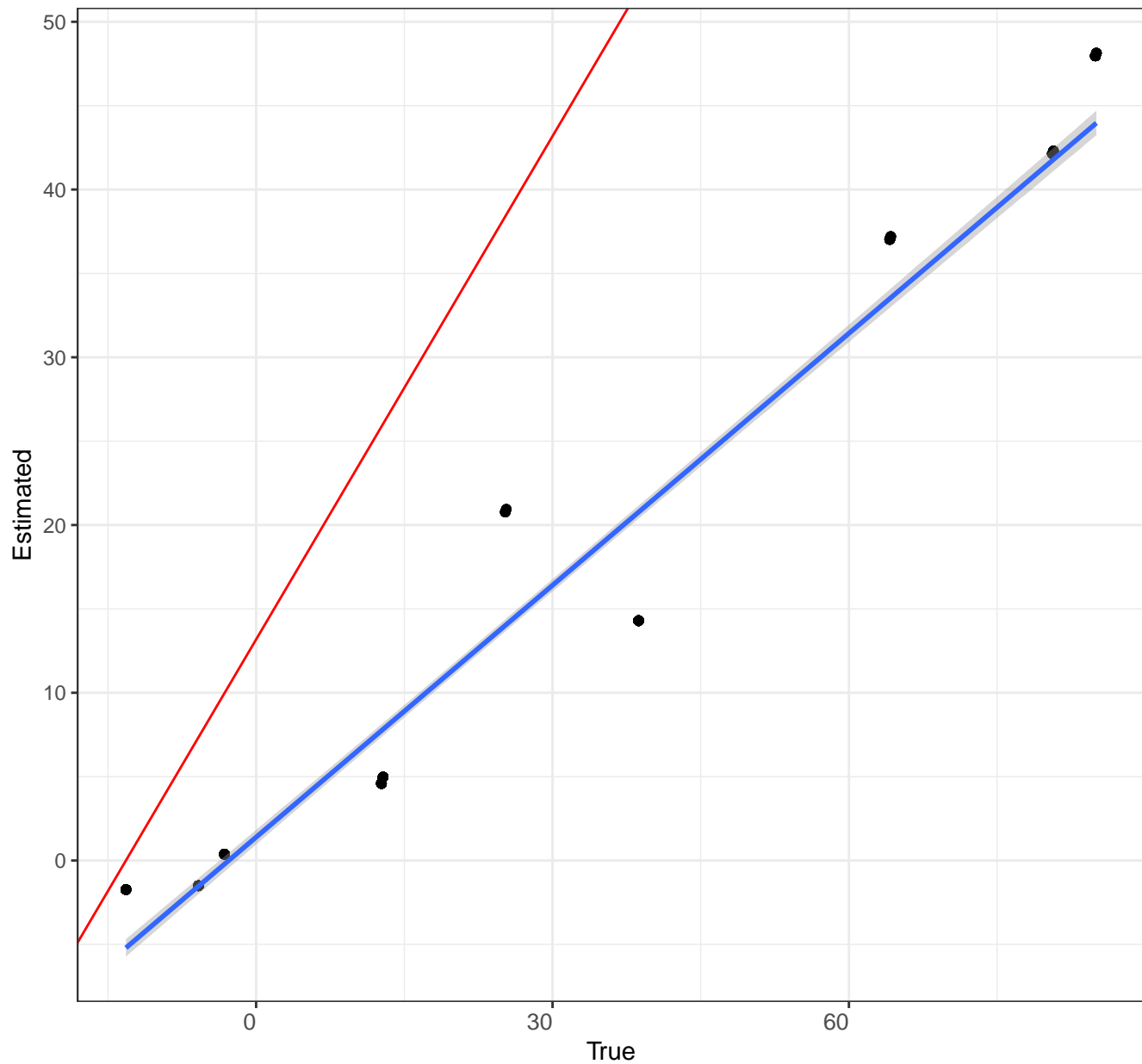
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=10 true gr K=4 ,type=1 ,N=150

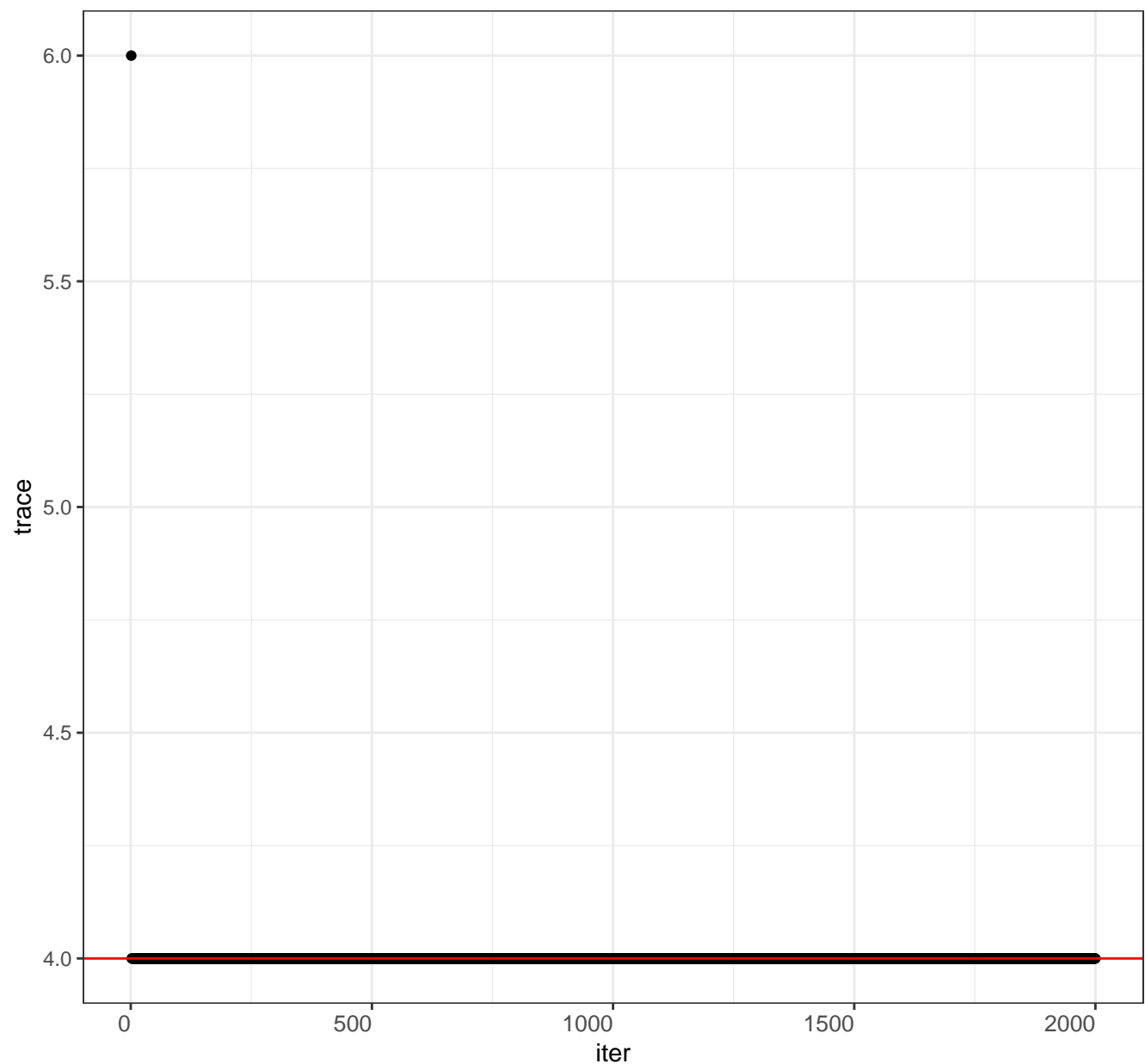Weights for the case: S=20 ,r=10 true gr K=4 ,type=1 ,N=150 pN=0.009

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

True vs estimated covariance parameters

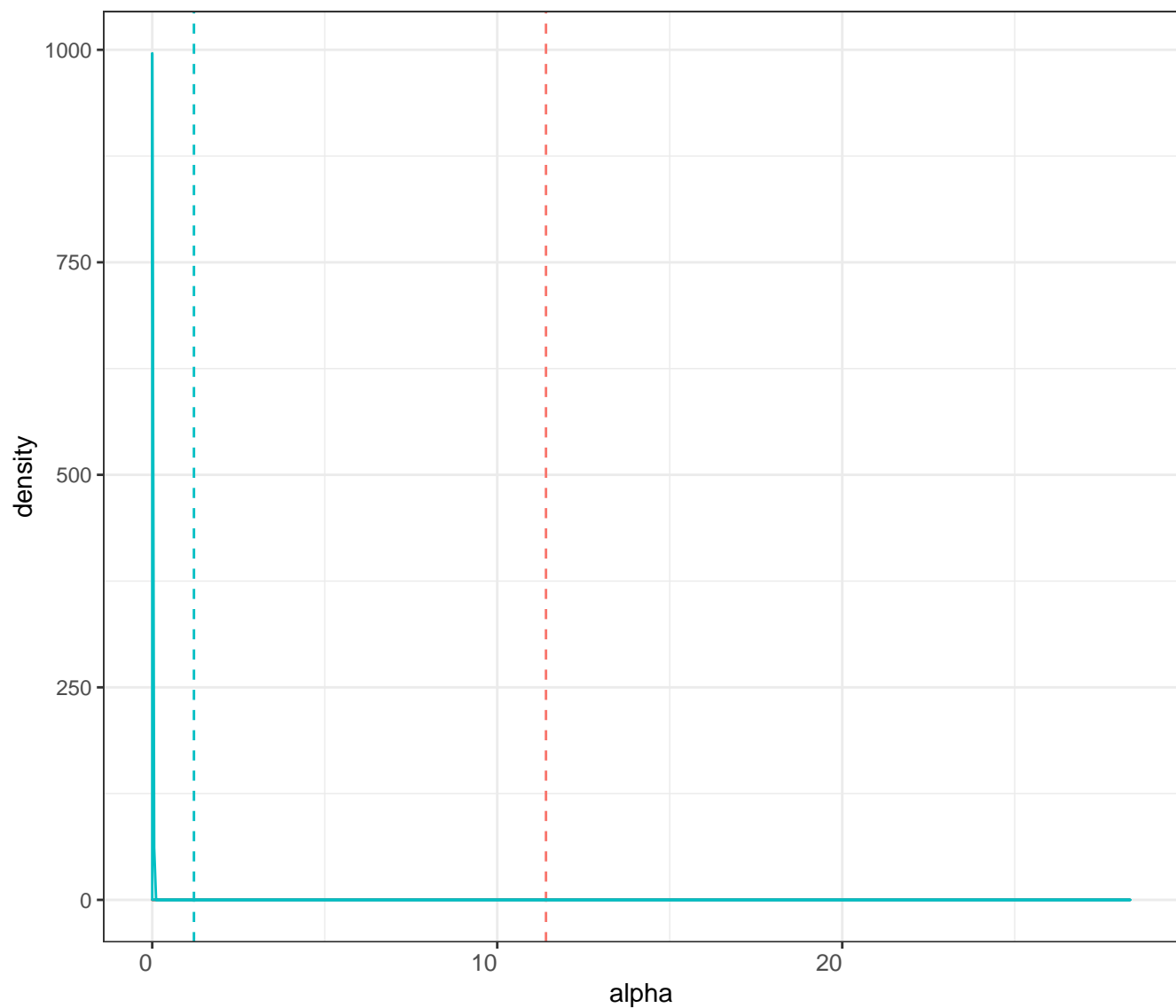Number of iterations: 2000 burnin: 1000number of samples: 500S=20 r=10 true K=4 type=1

Trace plot for the number of groups K for S=20 r=10 true K=4 type=1

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

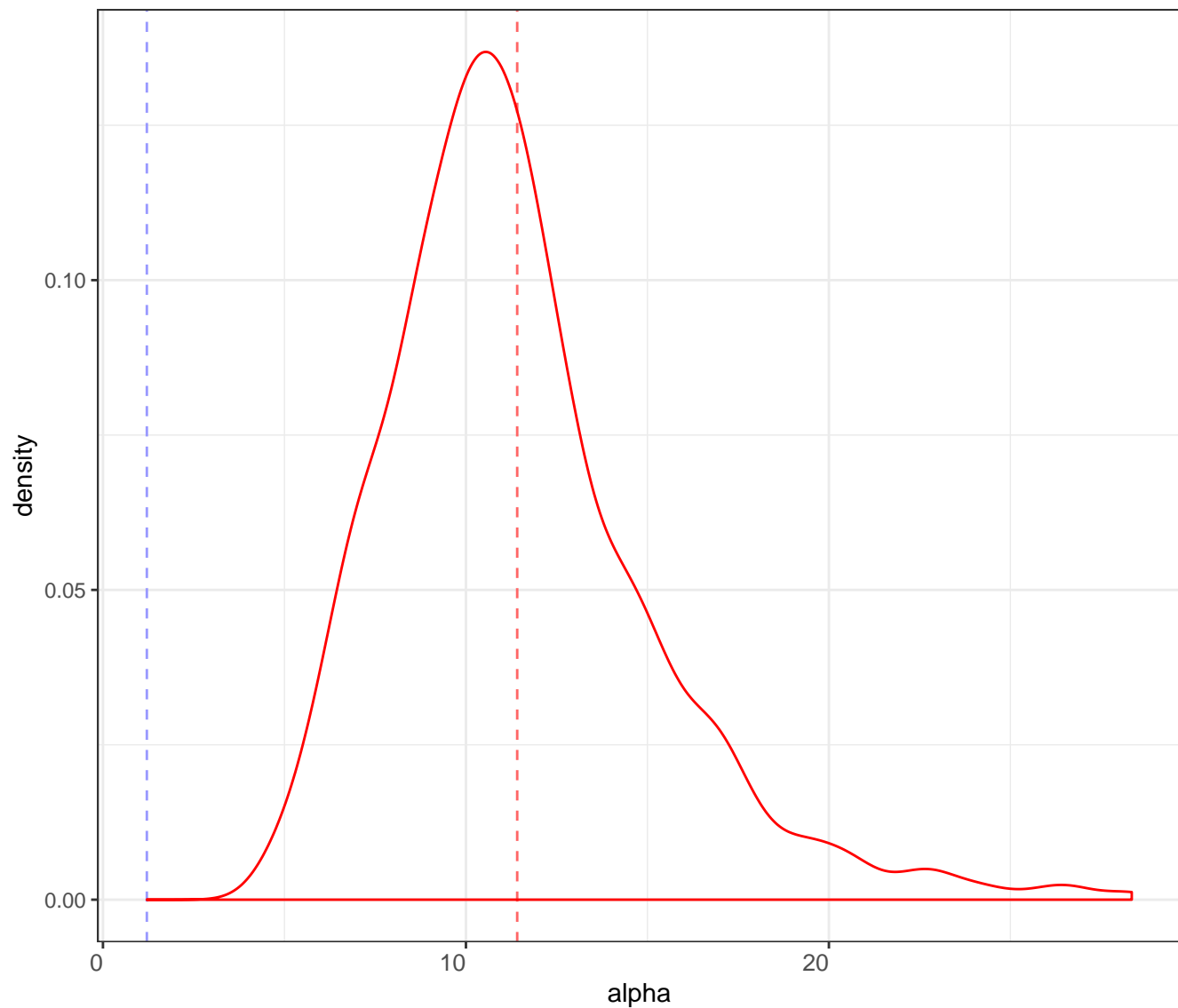Distribution alpha: S=20 ,r=10 true gr K=4 ,type=1 ,N=150

type [ ] posterior [ ] prior

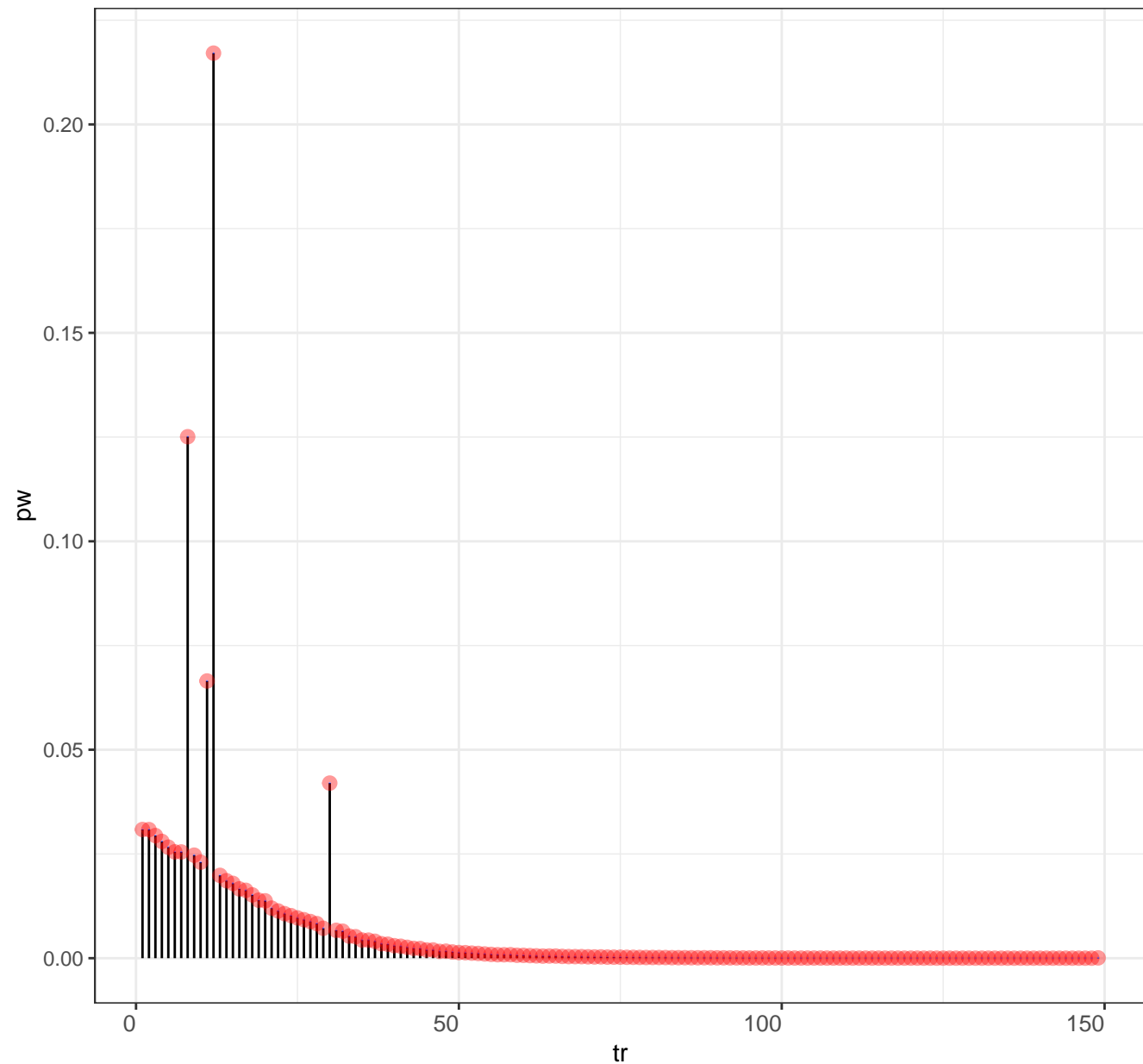Number of iterations: 2000 burnin: 1000 number of samples: 500

Posterior distribution for alpha

Legend | posterior mean | prior mean
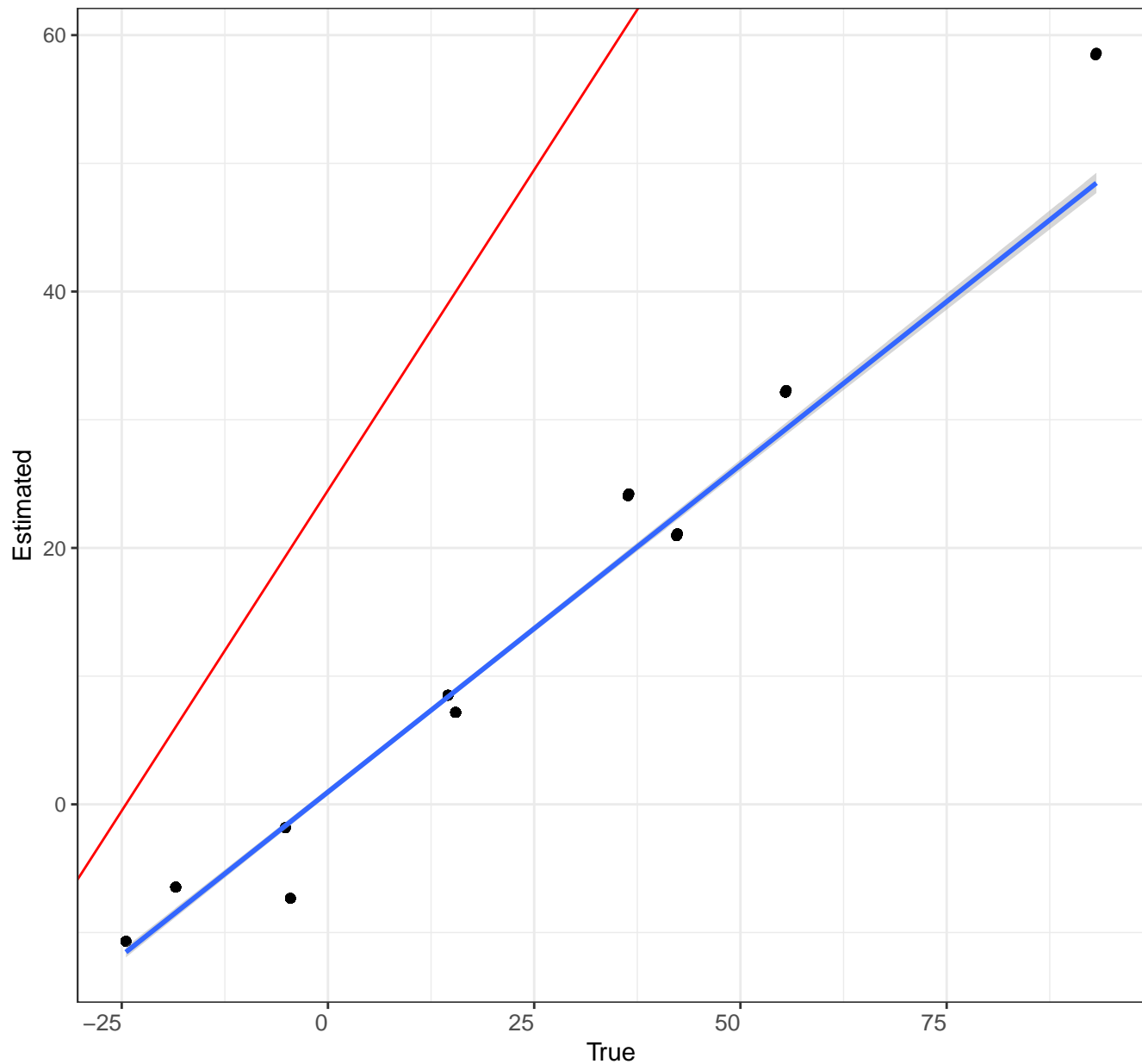
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=10 true gr K=4 ,type=1 ,N=150

Weights for the case: S=20 ,r=10 true gr K=4 ,type=1 ,N=150 pN=0

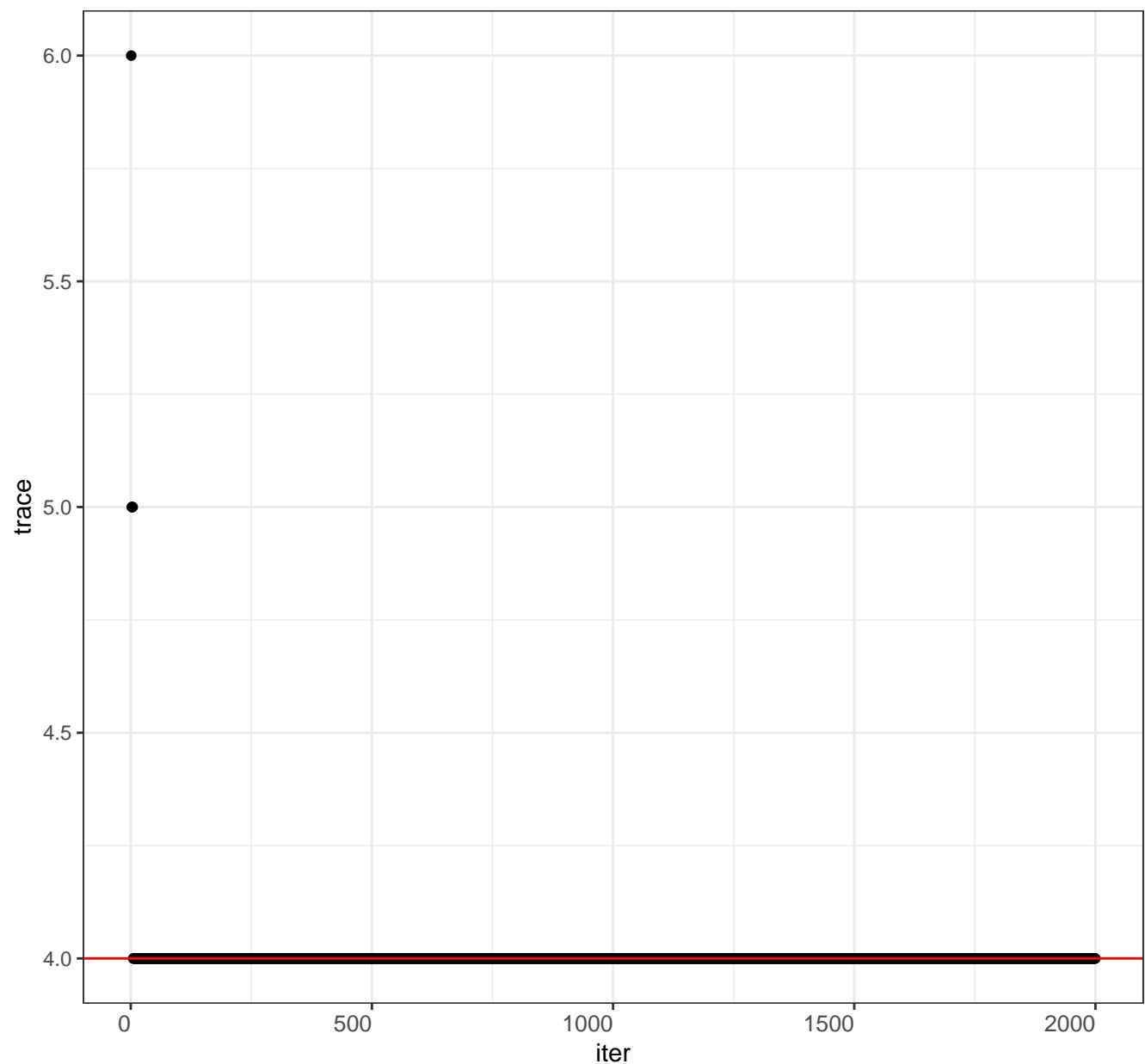Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters

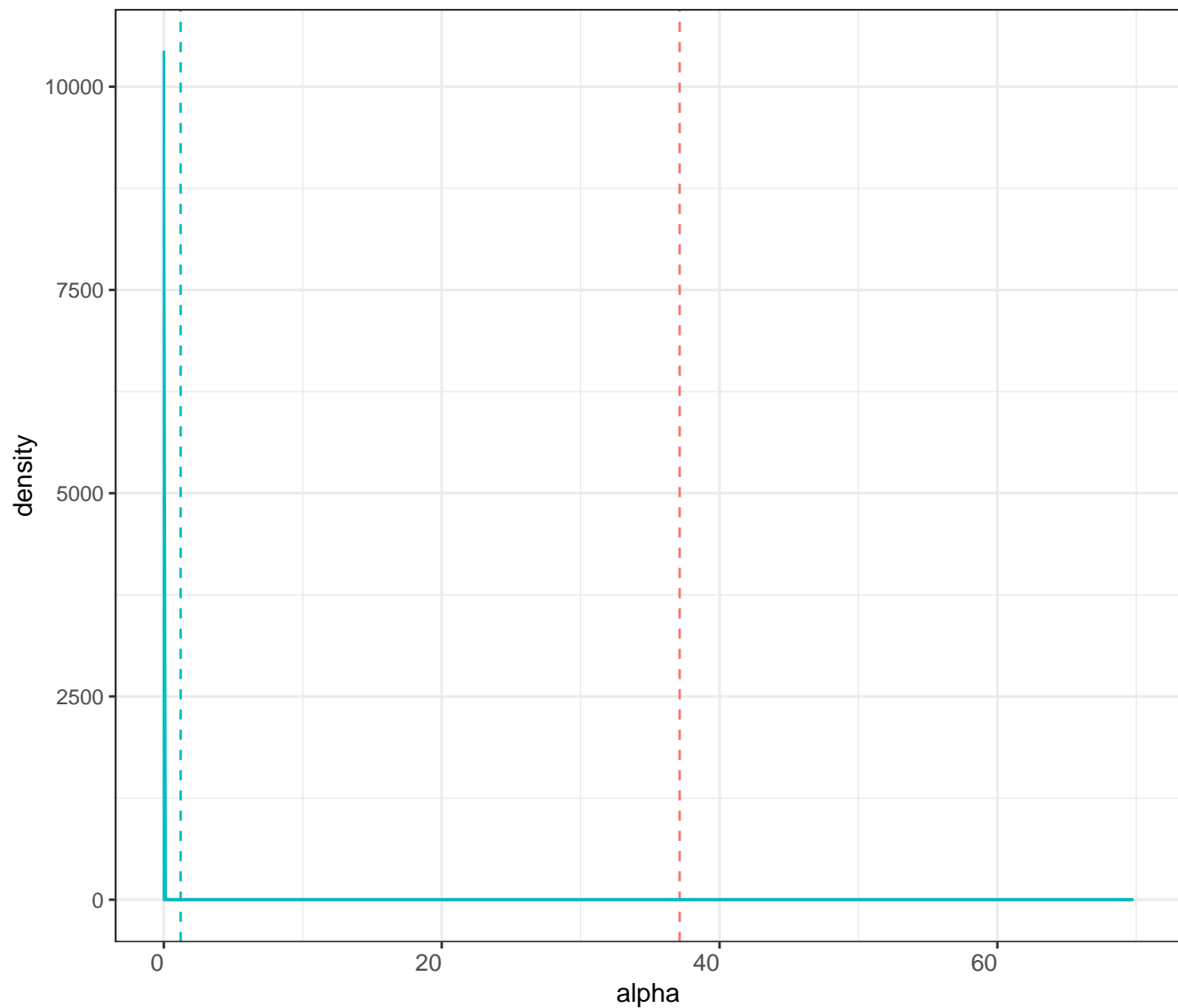Number of iterations: 2000 burnin: 1000number of samples: 500S=20 r=10 true K=4 type=1

Trace plot for the number of groups K for S=20 r=10 true K=4 type=1

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

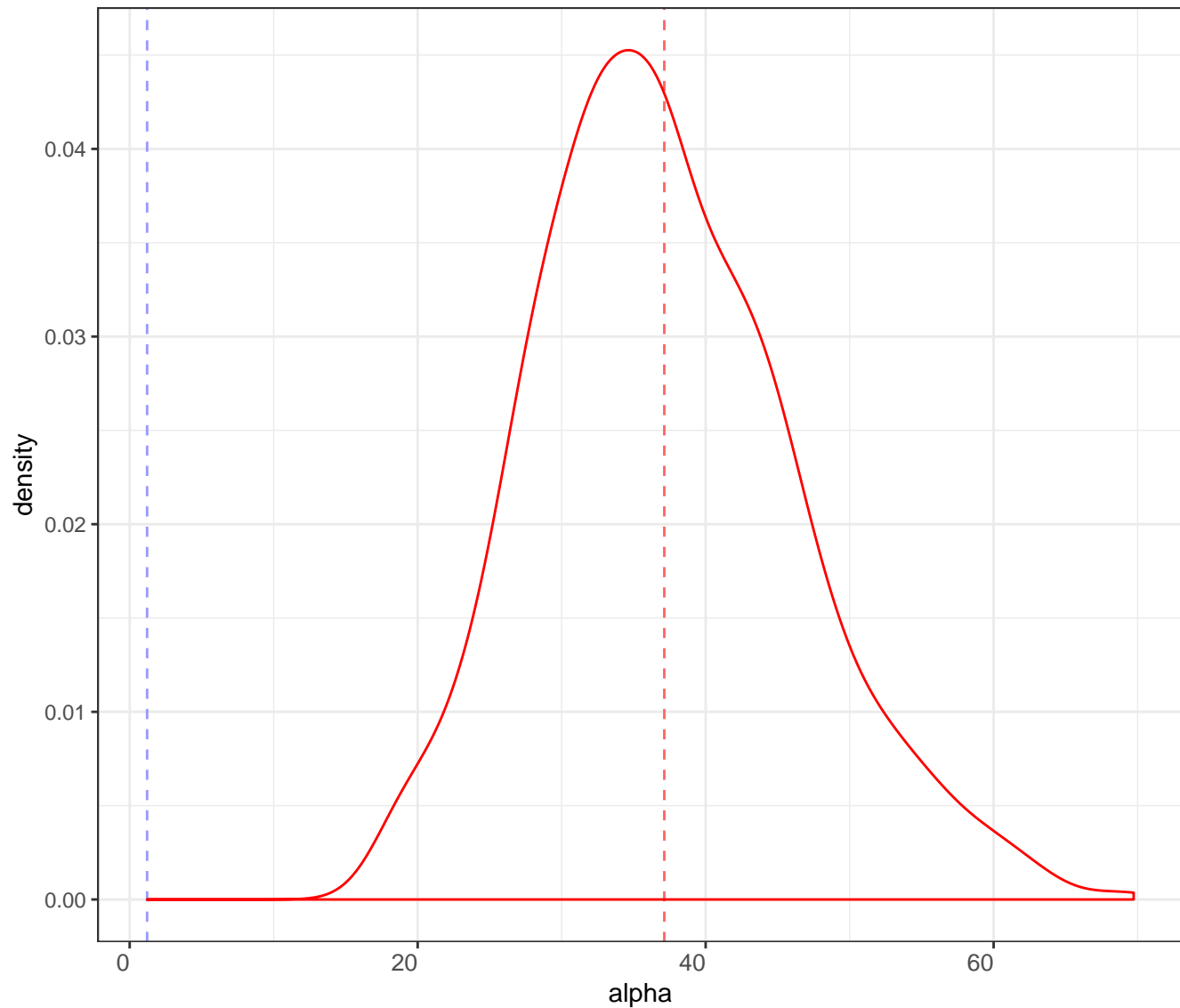Distribution alpha: S=20 ,r=10 true gr K=4 ,type=1 ,N=150

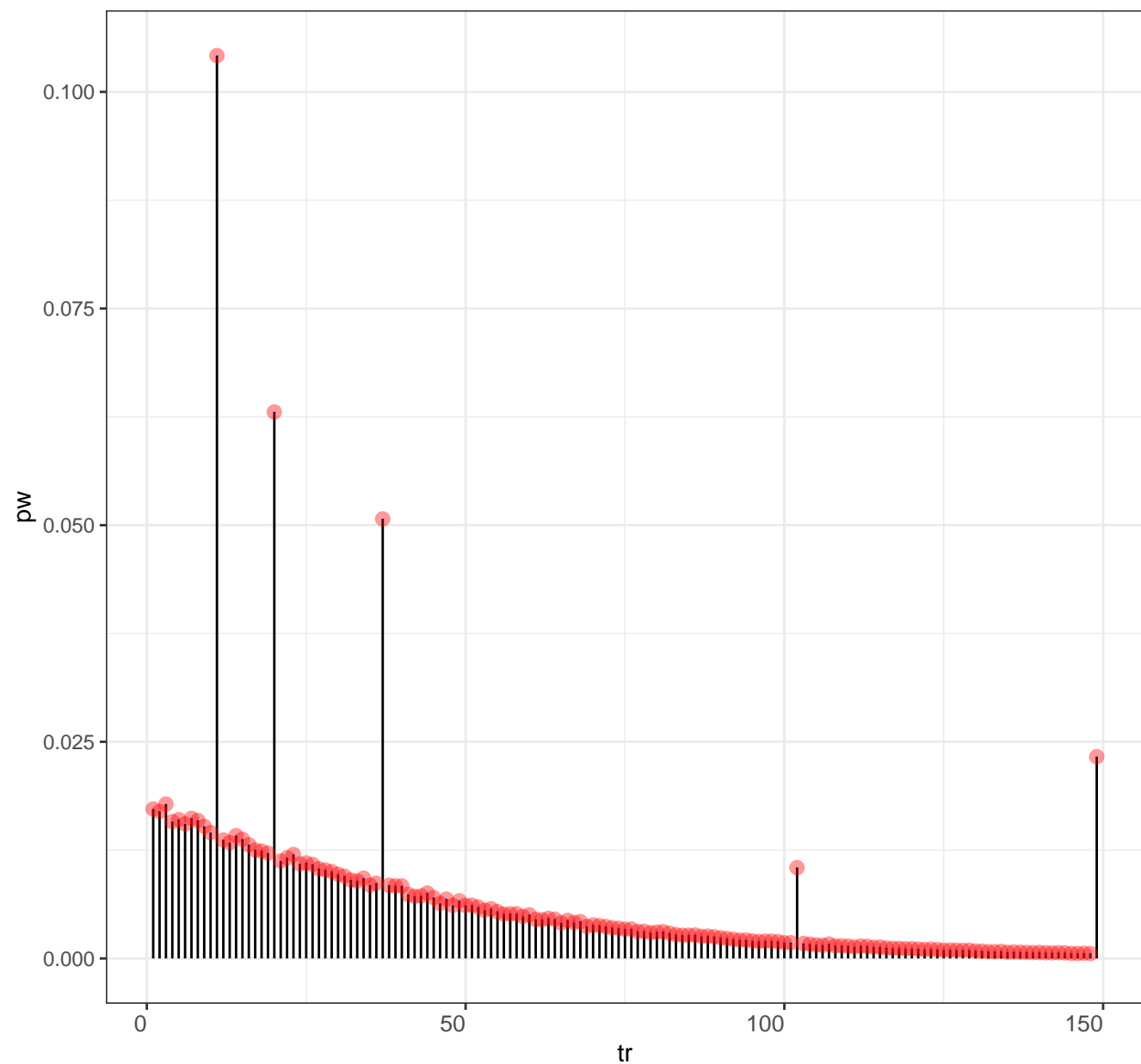Number of iterations: 2000 burnin: 1000 number of samples: 500
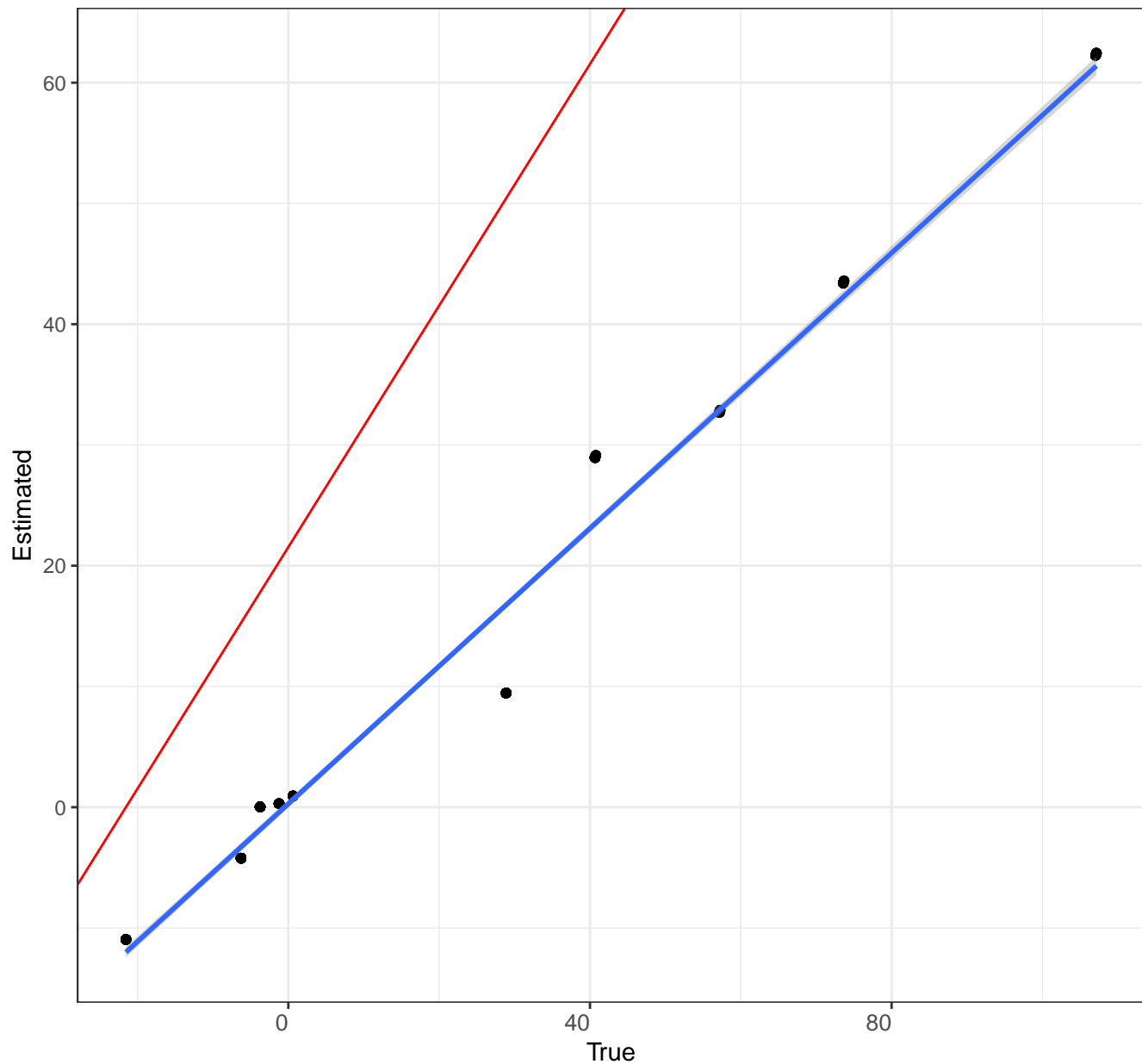
Posterior distribution for alpha

Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=10 true gr K=4 ,type=1 ,N=150

Weights for the case: S=20 ,r=10 true gr K=4 ,type=1 ,N=150 pN=0.023
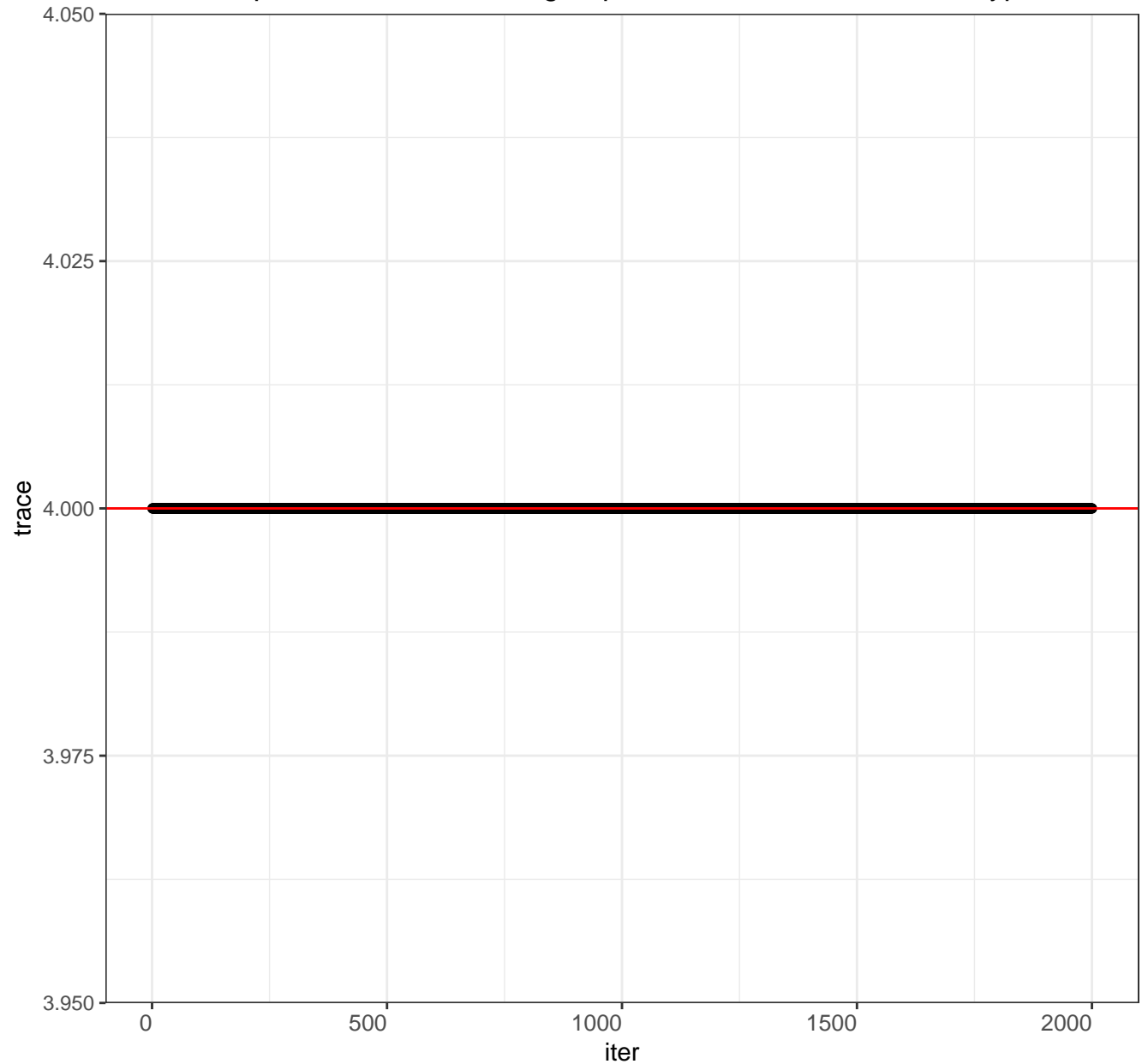
Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters

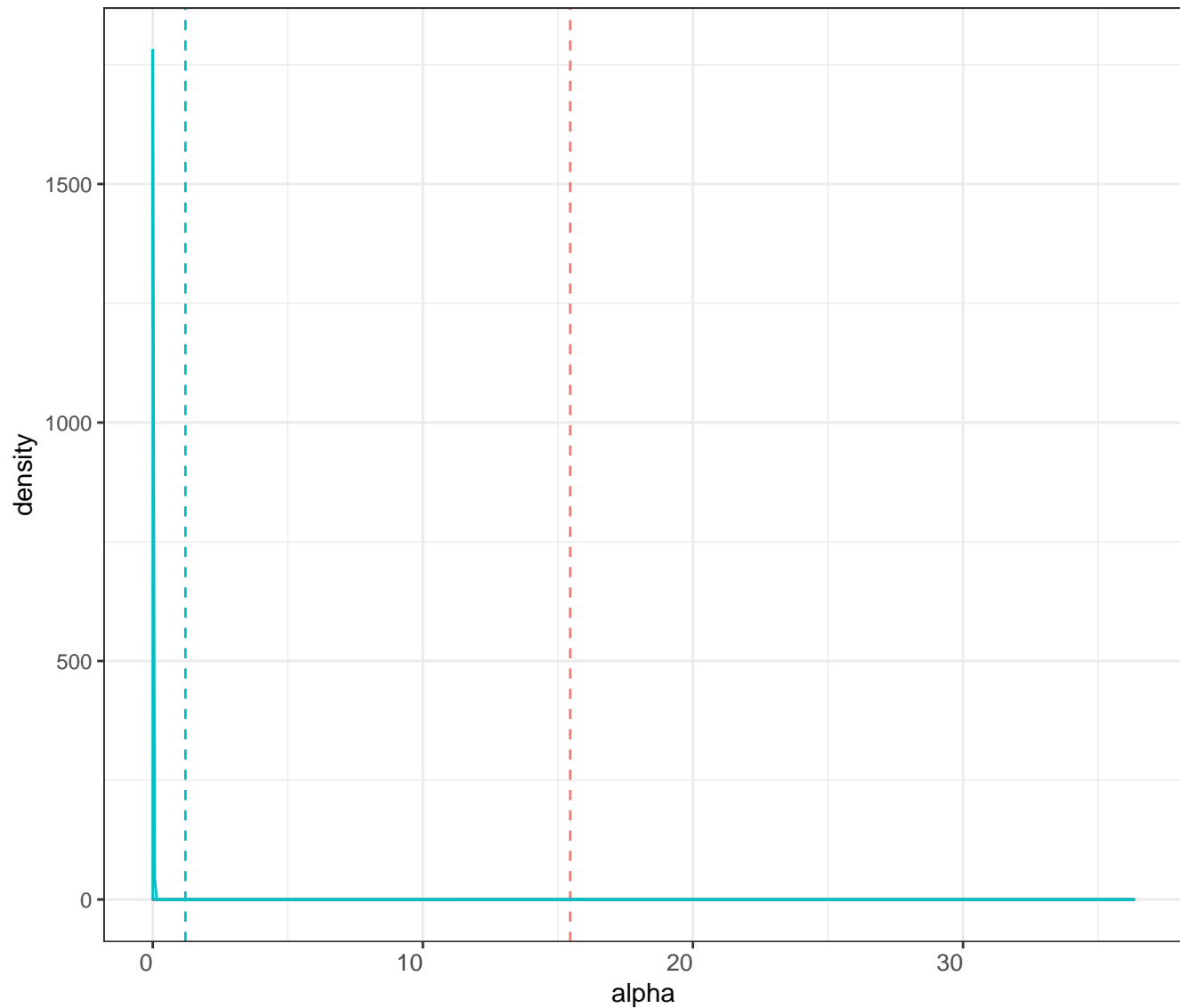Number of iterations: 2000 burnin: 1000number of samples: 500S=20 r=10 true K=4 type=1

Trace plot for the number of groups K for S=20 r=10 true K=4 type=1

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

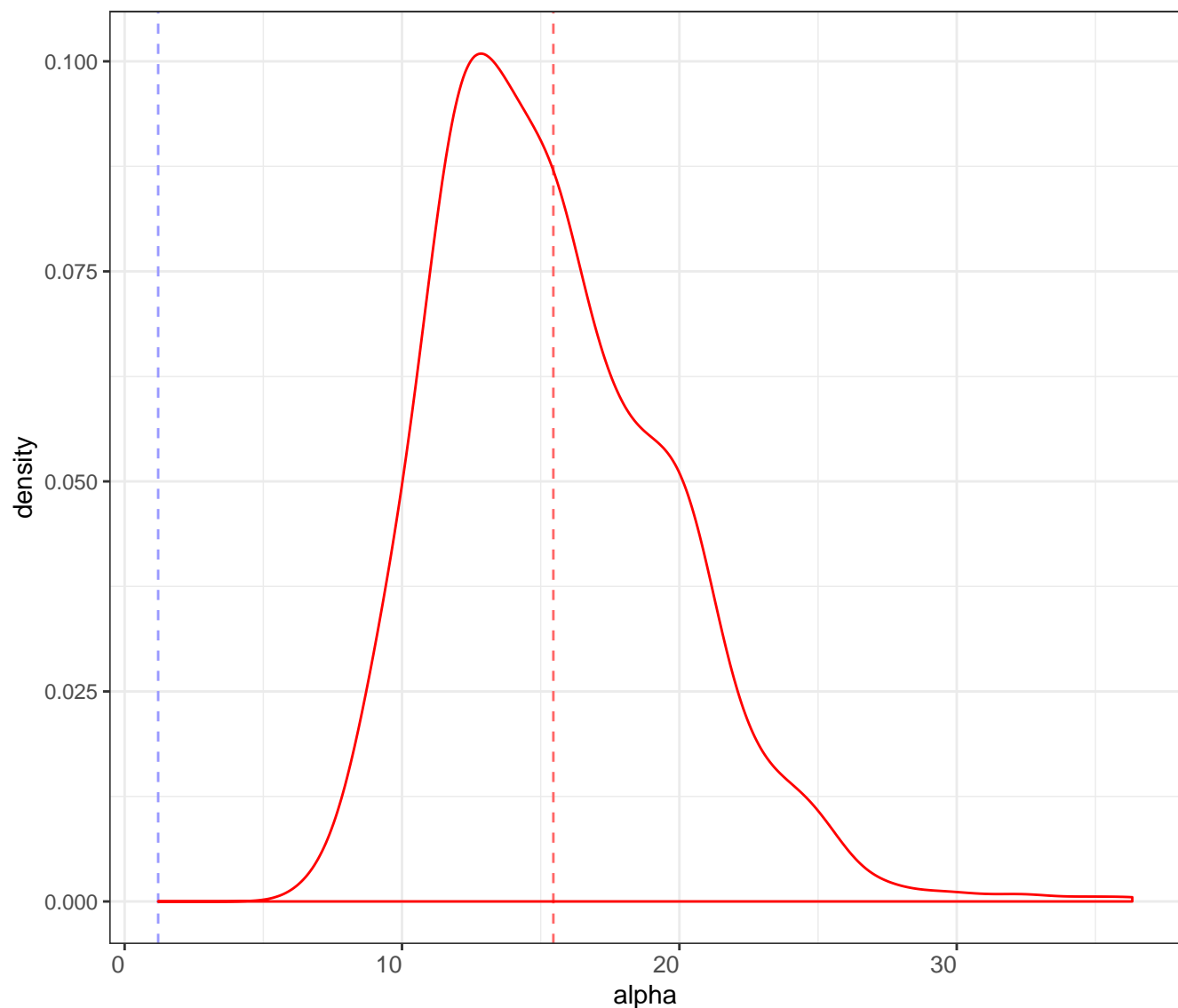Distribution alpha: S=20 ,r=10 true gr K=4 ,type=1 ,N=150

type ┆ posterior ┆ prior

Number of iterations: 2000 burnin: 1000 number of samples: 500
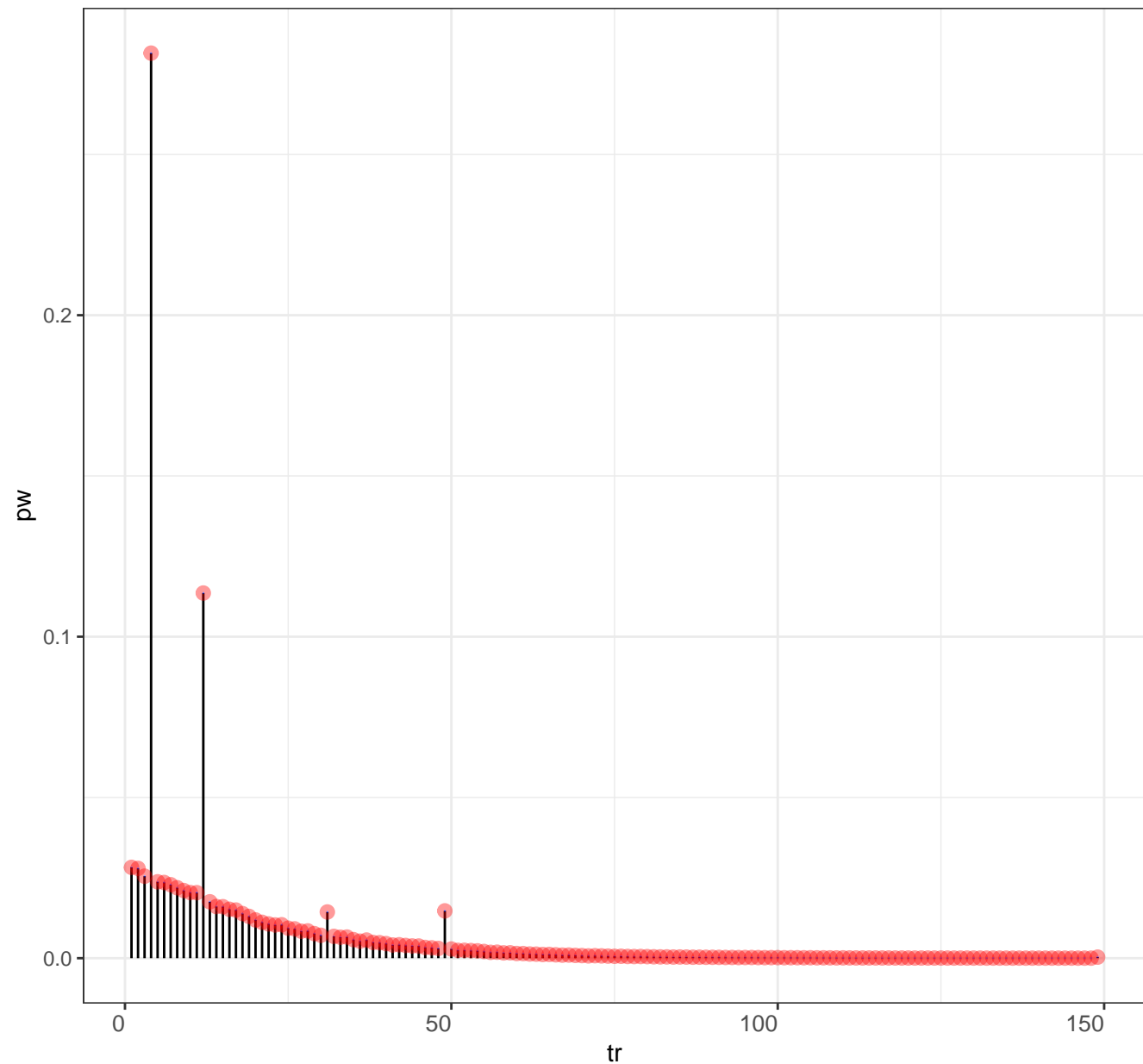
Posterior distribution for alpha

Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=10 true gr K=4 ,type=1 ,N=150
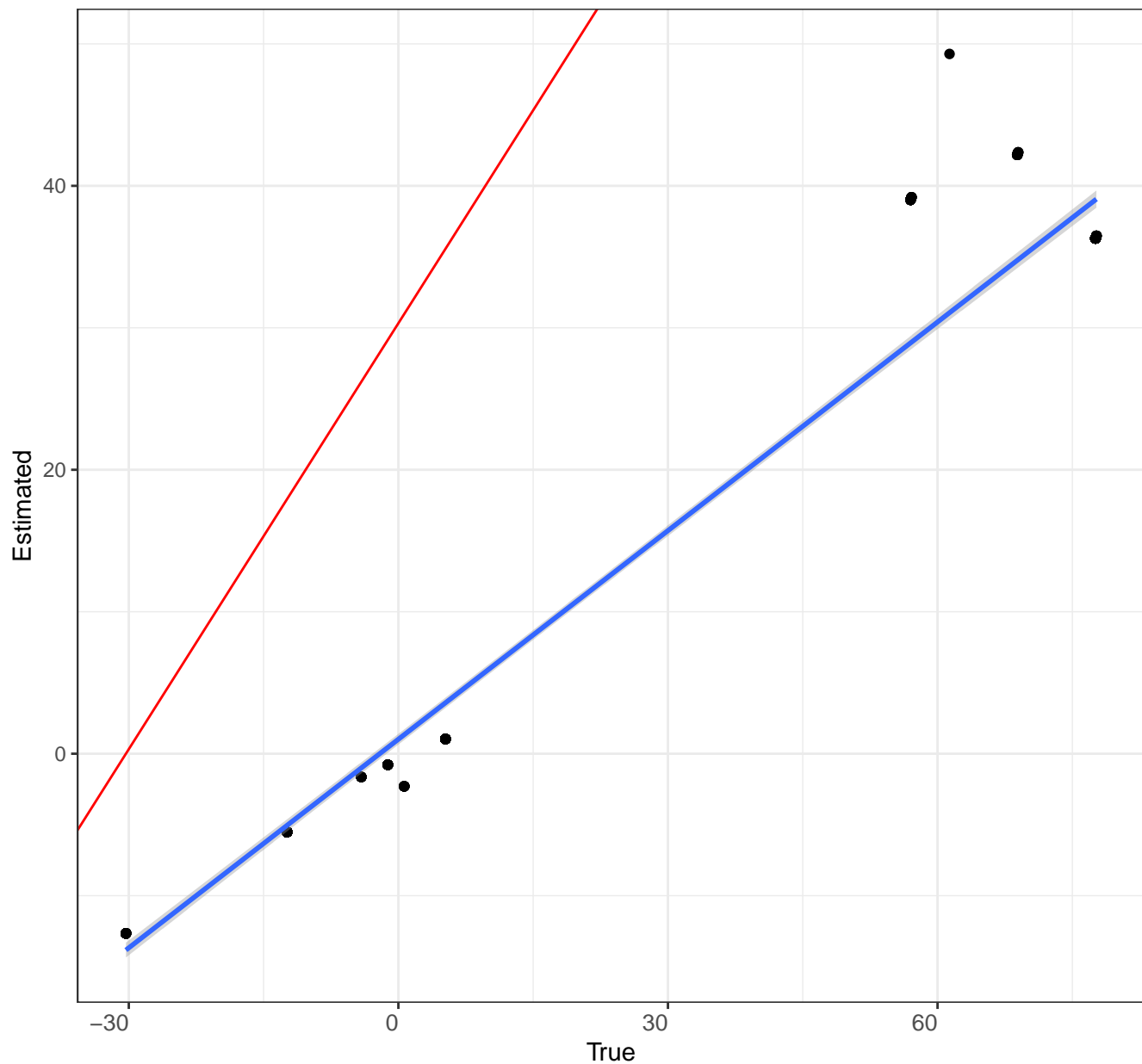
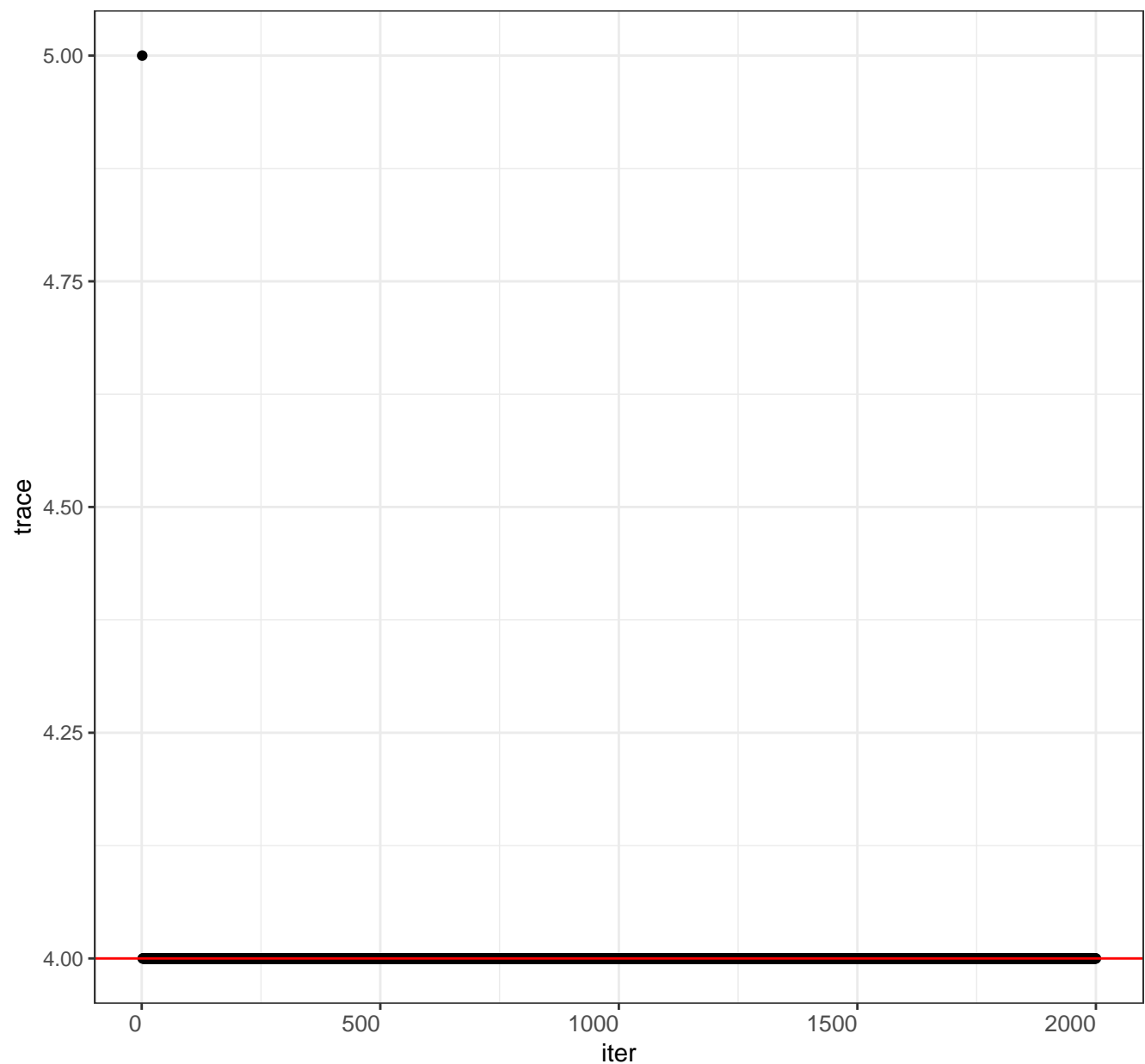Weights for the case: S=20 ,r=10 true gr K=4 ,type=1 ,N=150 pN=0

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

True vs estimated covariance parameters

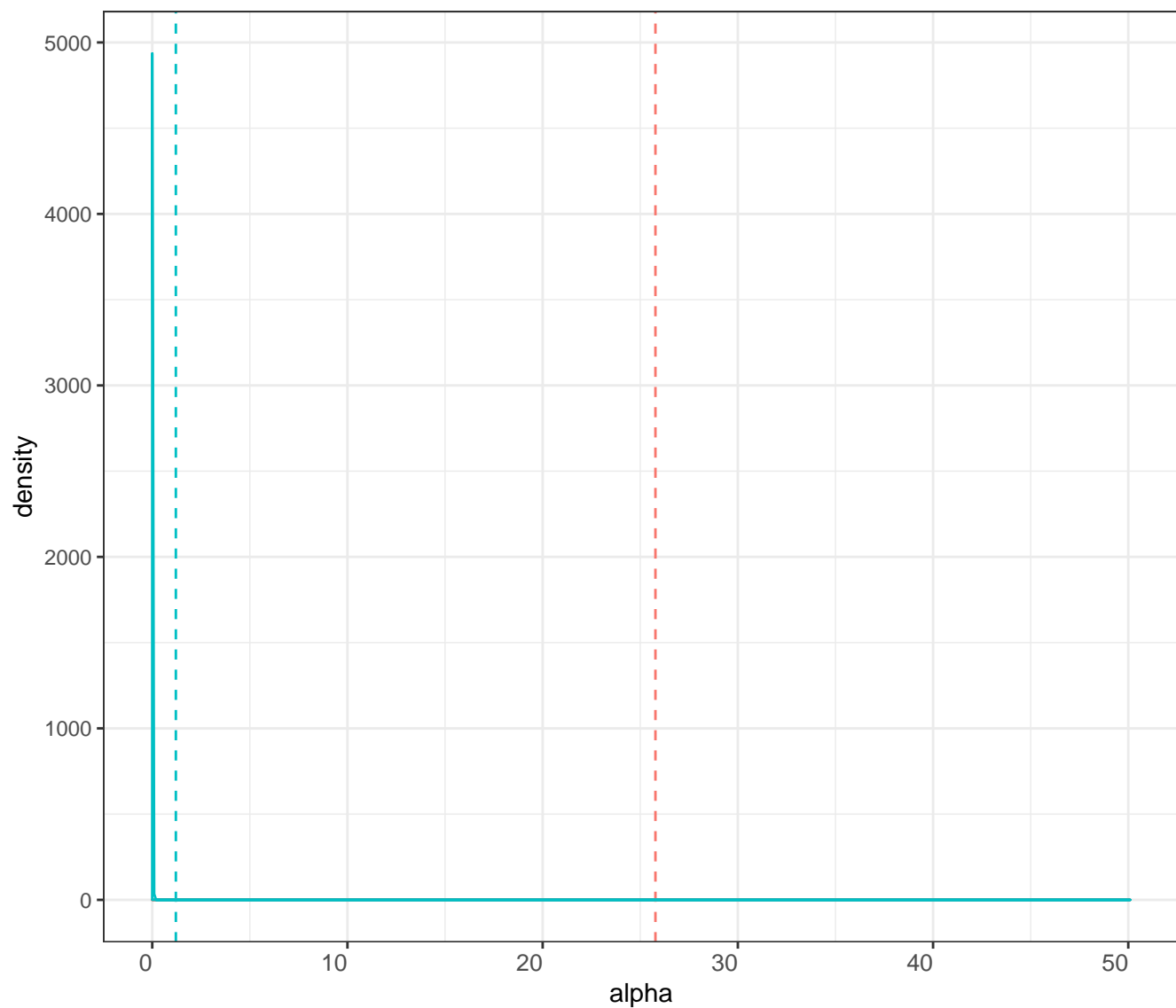Number of iterations: 2000 burnin: 1000number of samples: 500S=20 r=10 true K=4 type=1

Trace plot for the number of groups K for S=20 r=10 true K=4 type=1

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

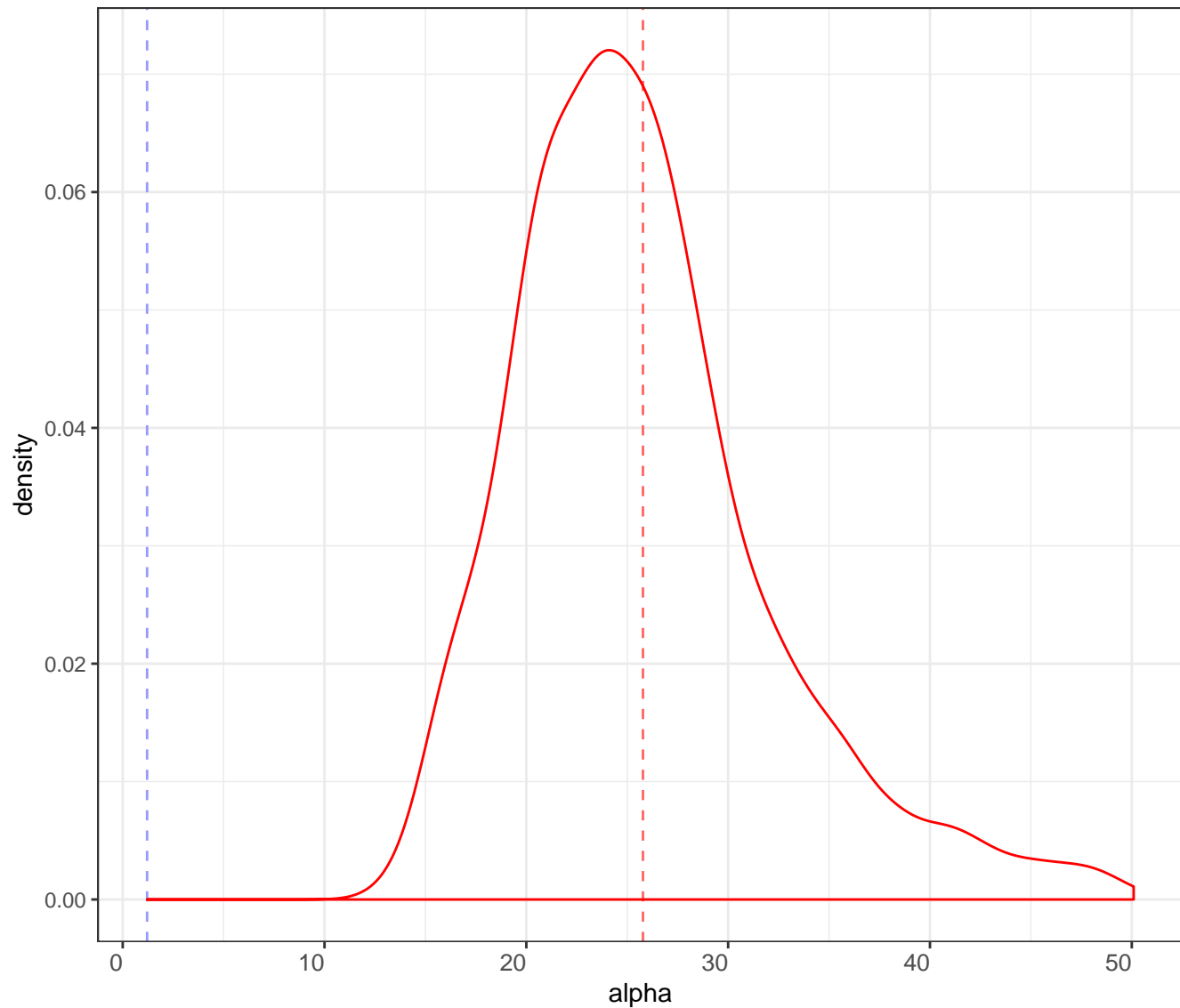Distribution alpha: S=20 ,r=10 true gr K=4 ,type=1 ,N=150

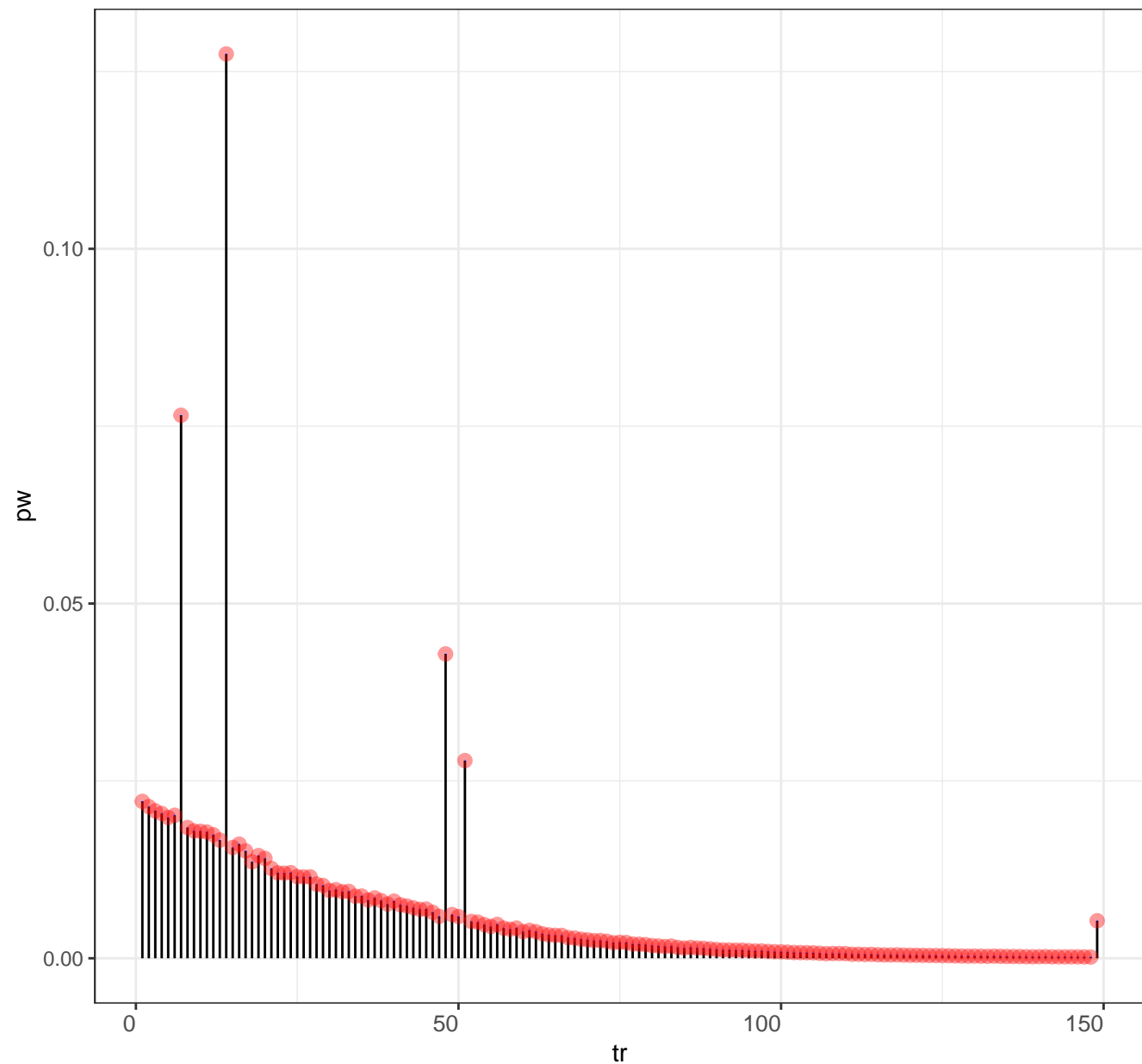Number of iterations: 2000 burnin: 1000 number of samples: 500

Posterior distribution for alpha

Legend   ¦ posterior mean   ¦ prior mean

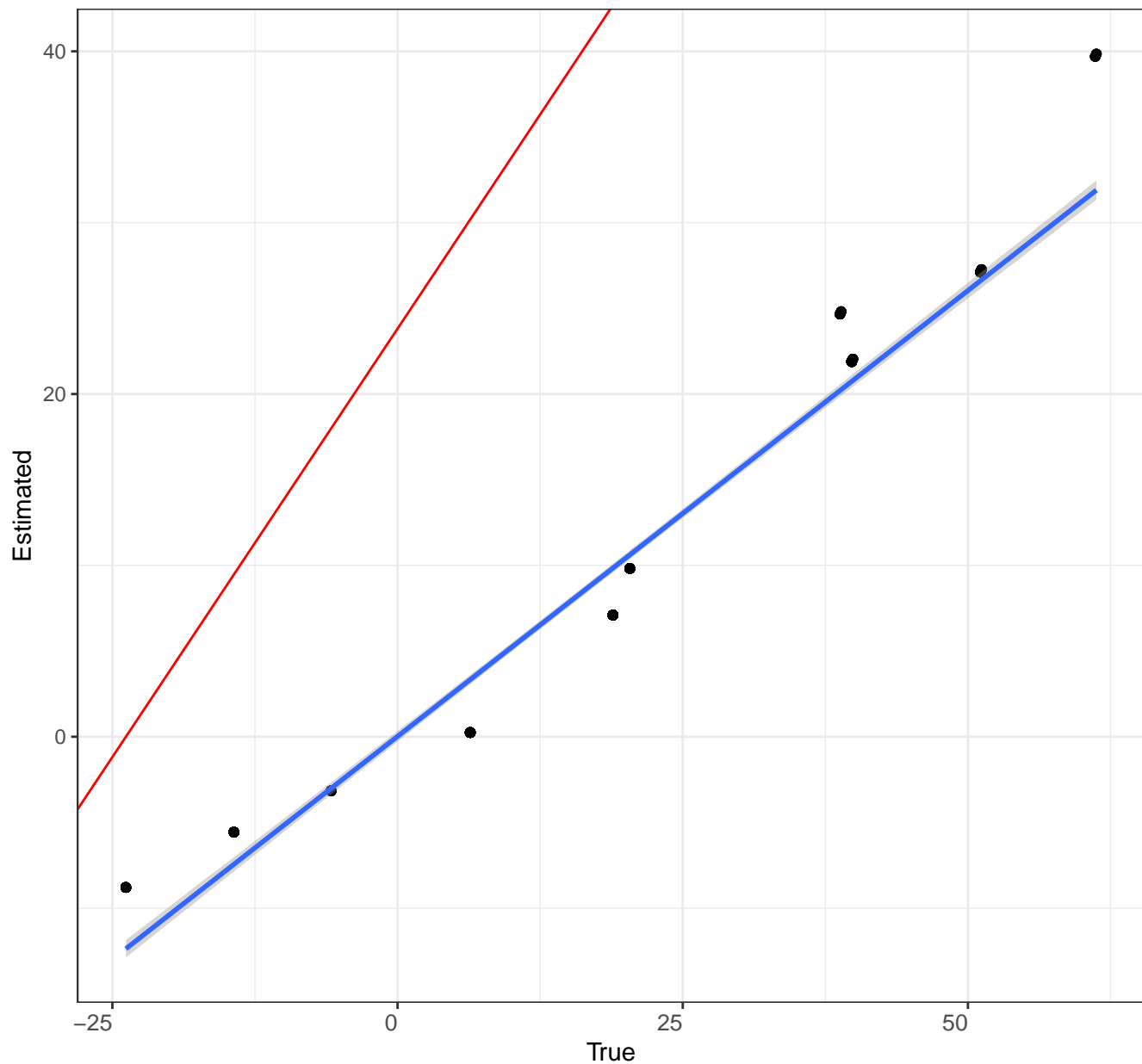Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=10 true gr K=4 ,type=1 ,N=150

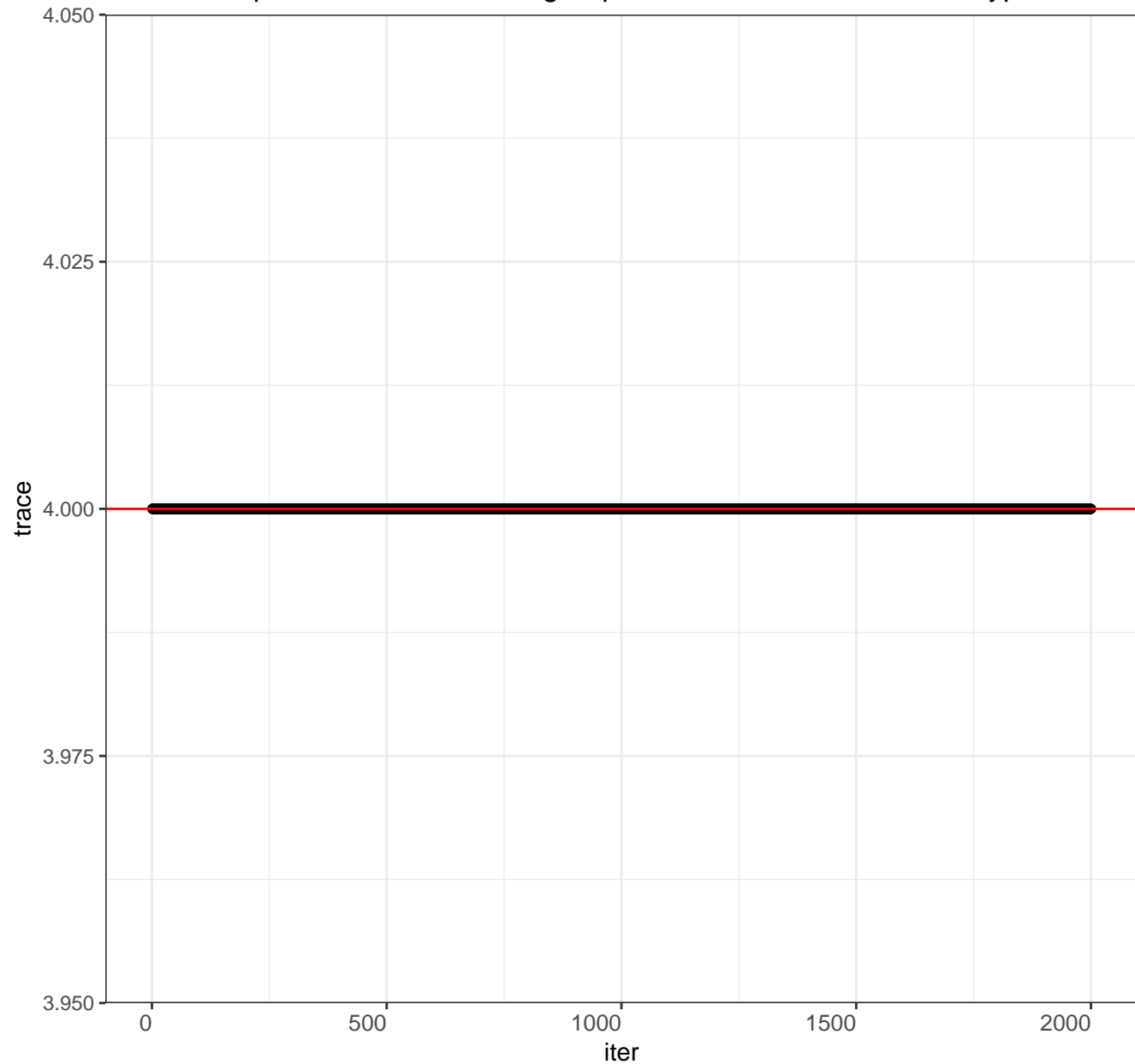Weights for the case: S=20 ,r=10 true gr K=4 ,type=1 ,N=150 pN=0.005

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

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=20 r=10 true K=4 type=1

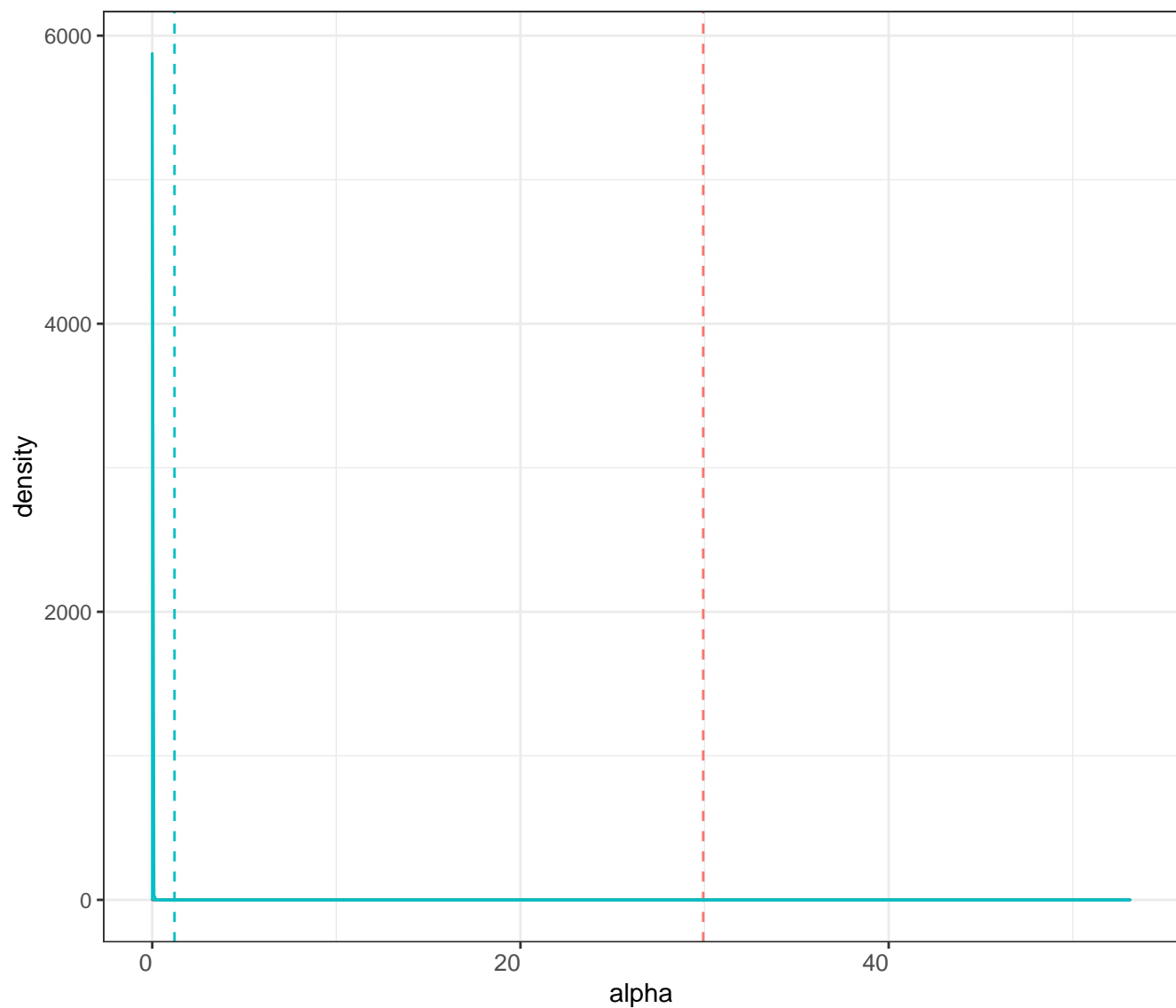Trace plot for the number of groups K for S=20 r=10 true K=4 type=1

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

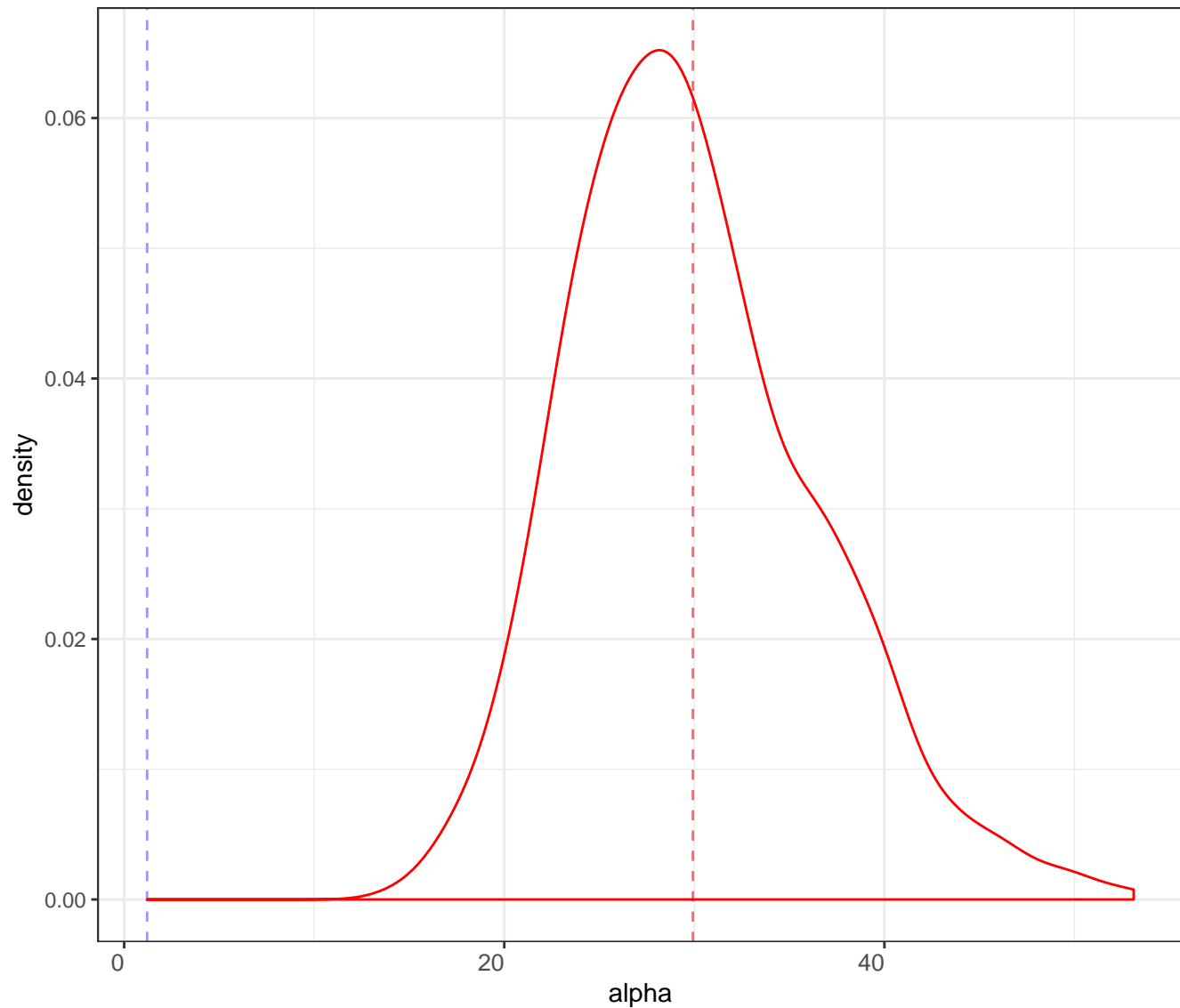Distribution alpha: S=20 ,r=10 true gr K=4 ,type=1 ,N=150

type — posterior — prior

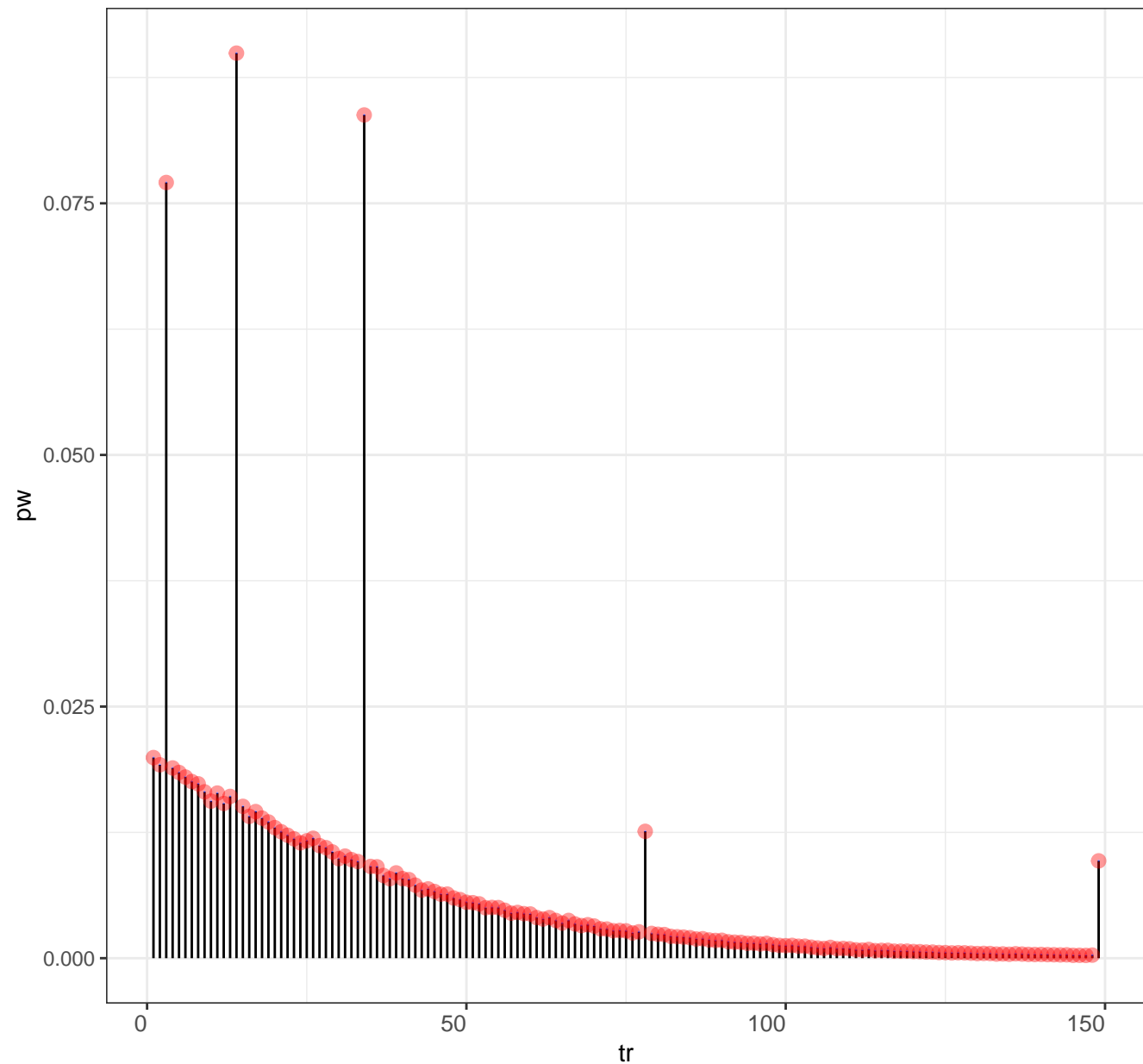Number of iterations: 2000 burnin: 1000 number of samples: 500
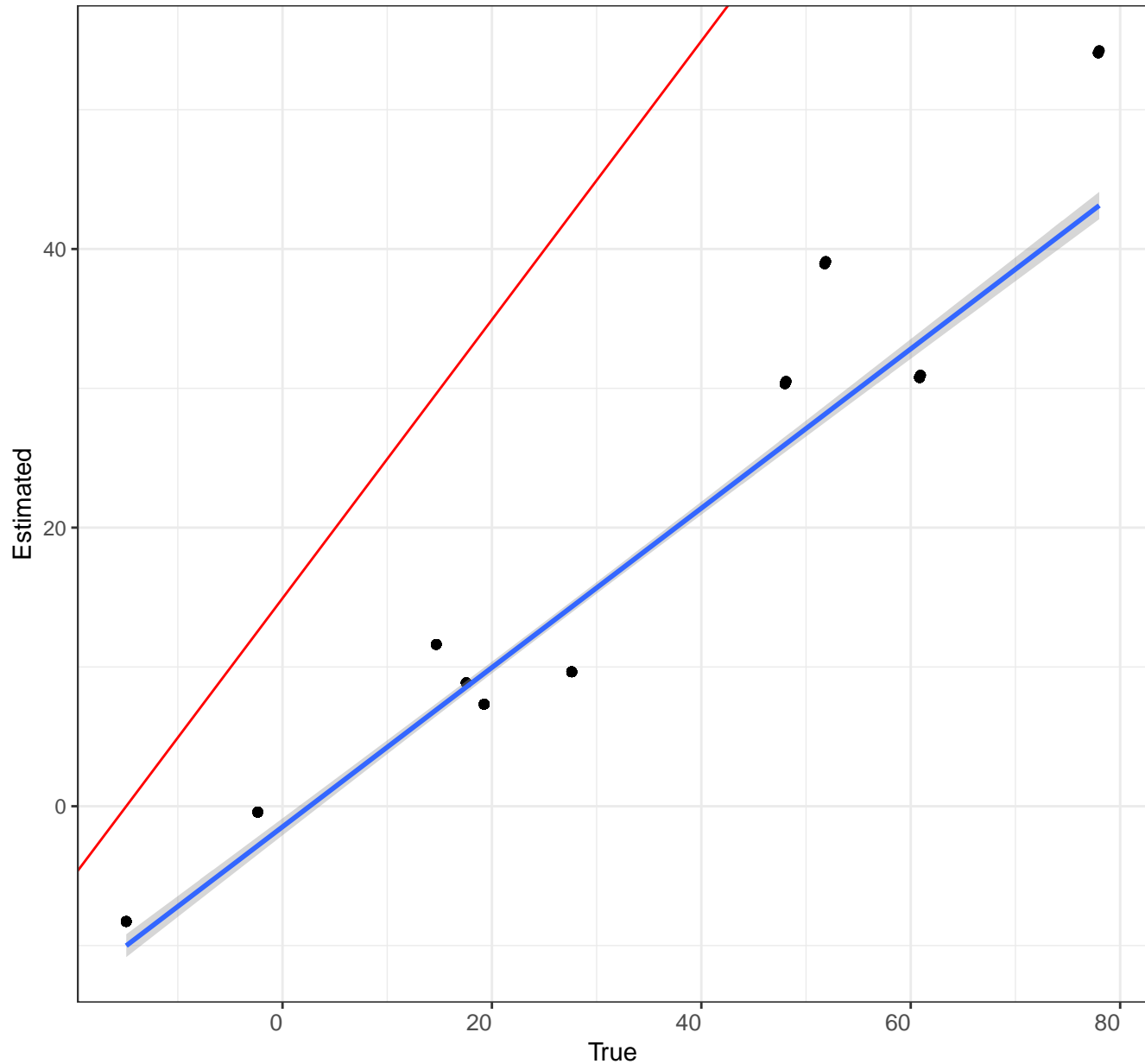
Posterior distribution for alpha

Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=10 true gr K=4 ,type=1 ,N=150

Weights for the case: S=20 ,r=10 true gr K=4 ,type=1 ,N=150 pN=0.01
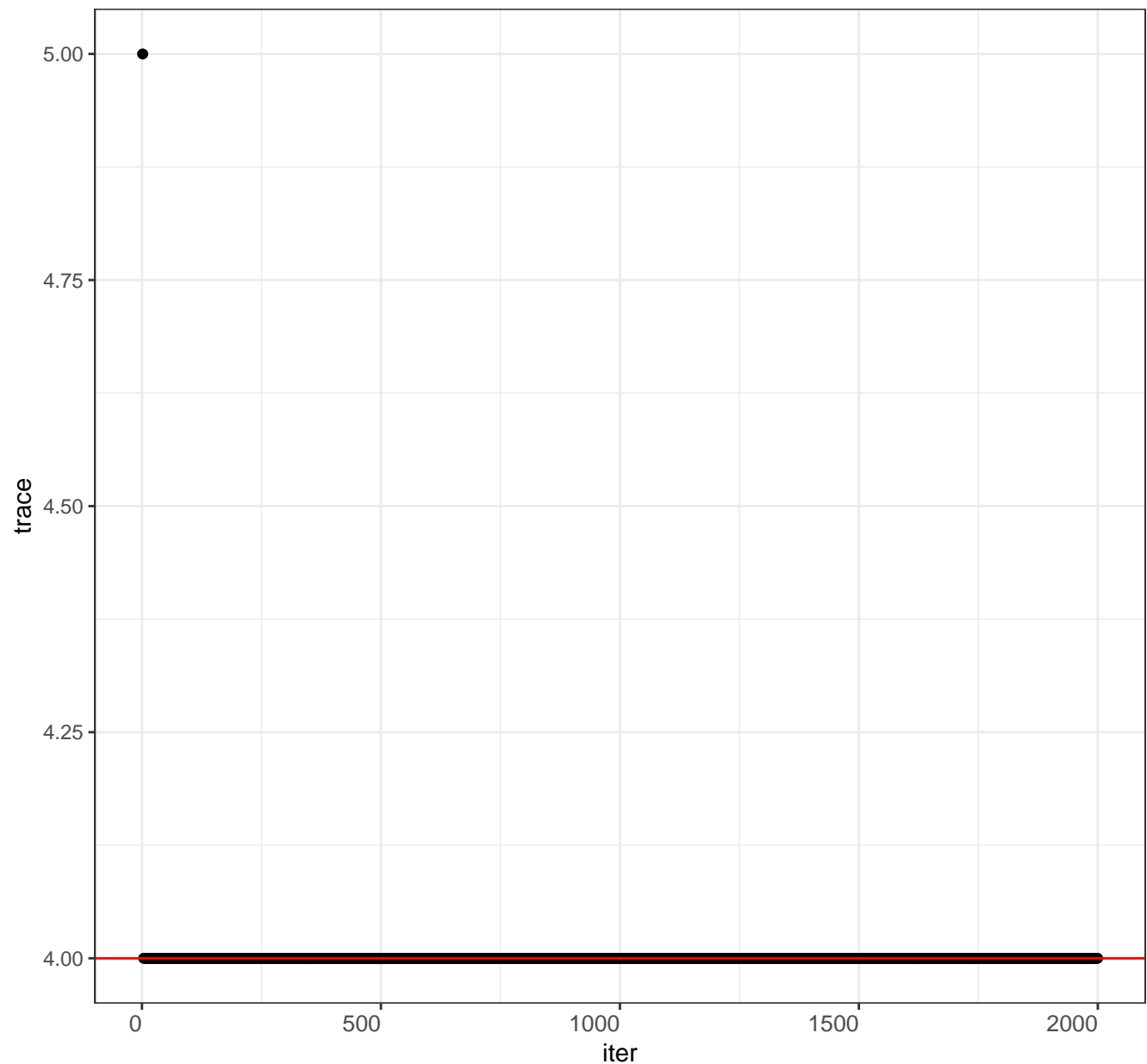
Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters

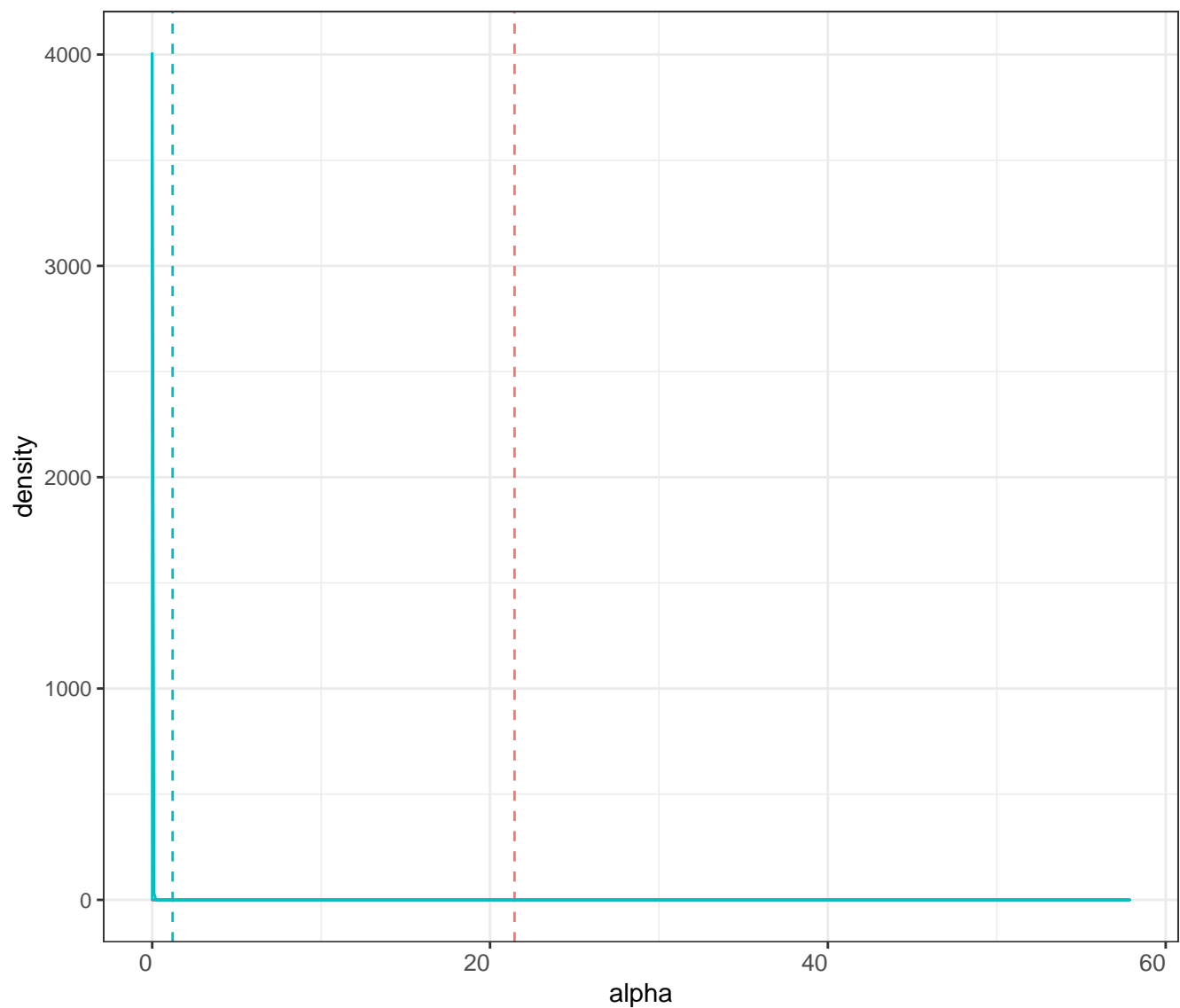Number of iterations: 2000 burnin: 1000number of samples: 500S=20 r=10 true K=4 type=1

Trace plot for the number of groups K for S=20 r=20 true K=4 type=1

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

Distribution alpha: S=20 ,r=20 true gr K=4 ,type=1 ,N=150

Number of iterations: 2000 burnin: 1000 number of samples: 500
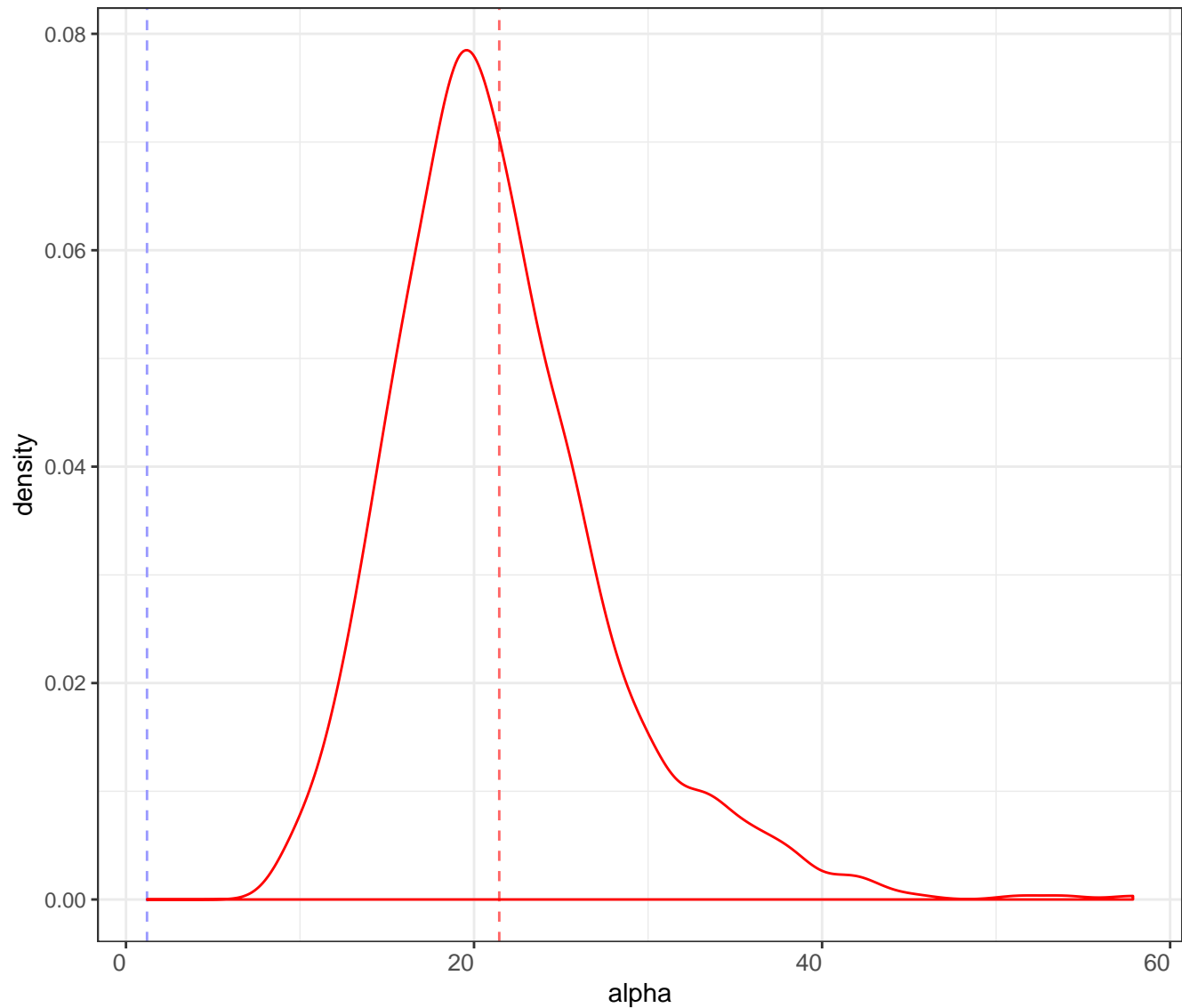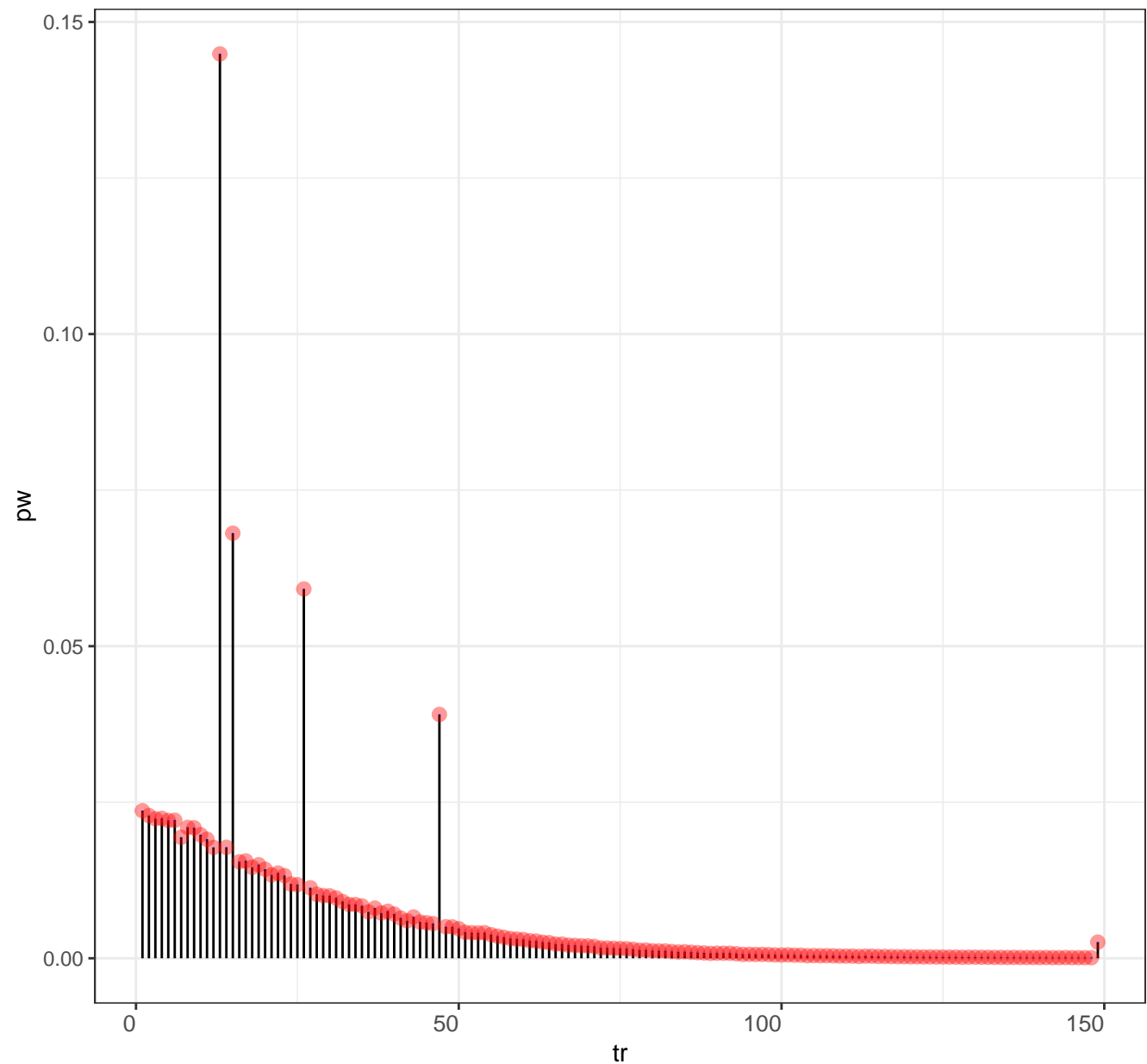
Posterior distribution for alpha

Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=20 true gr K=4 ,type=1 ,N=150
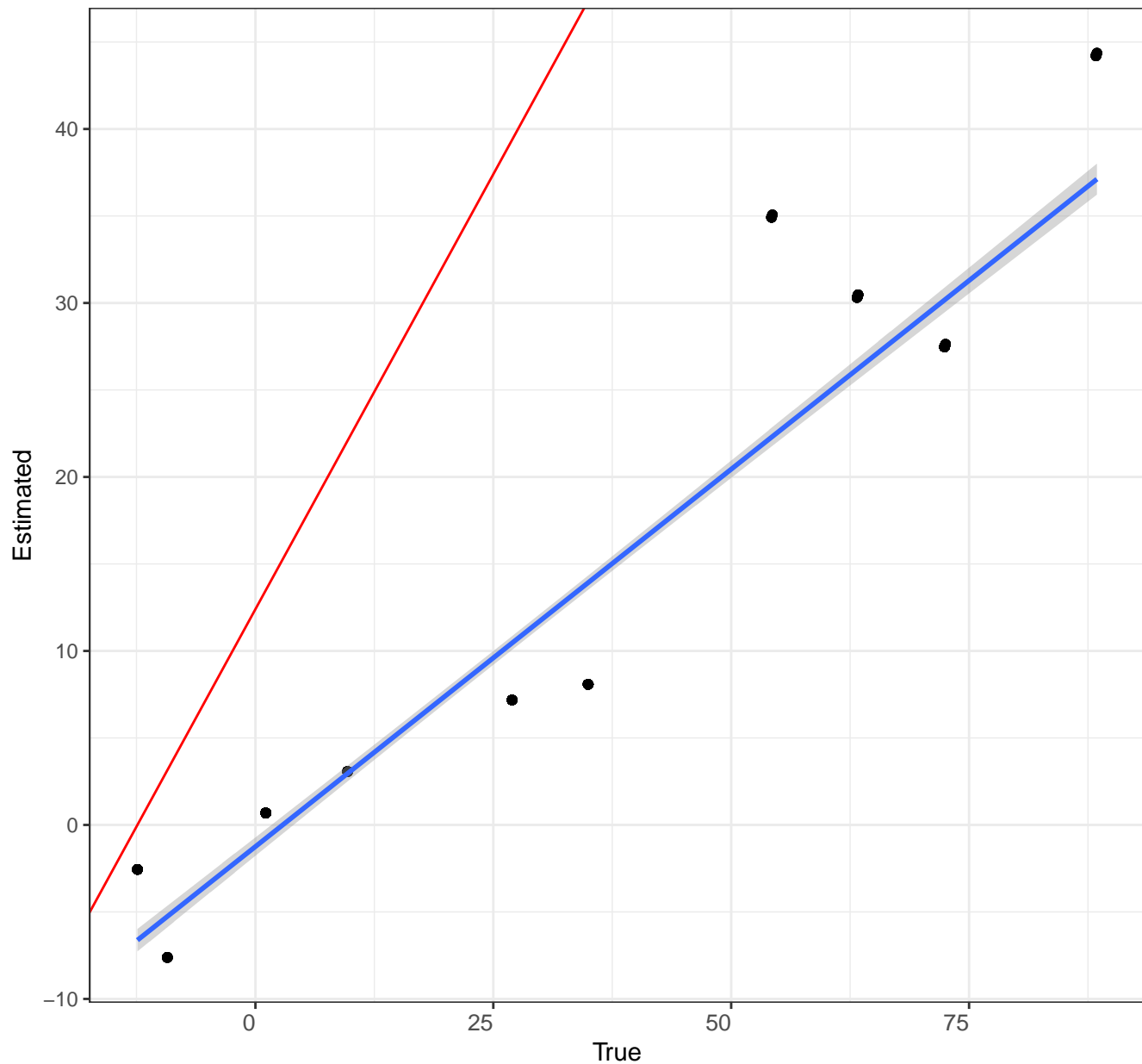
Weights for the case: S=20 ,r=20 true gr K=4 ,type=1 ,N=150 pN=0.003

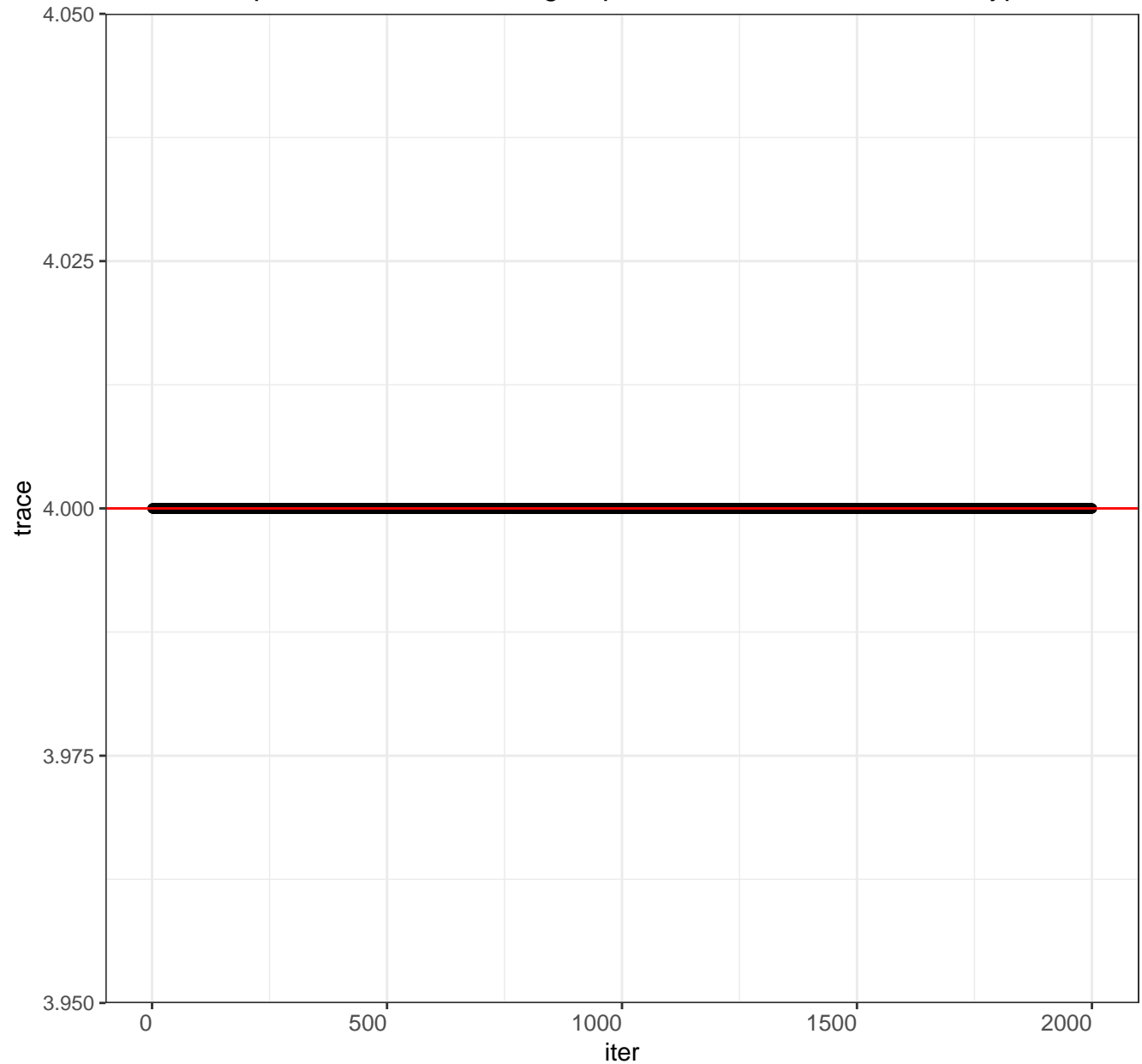Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=20 r=20 true K=4 type=1
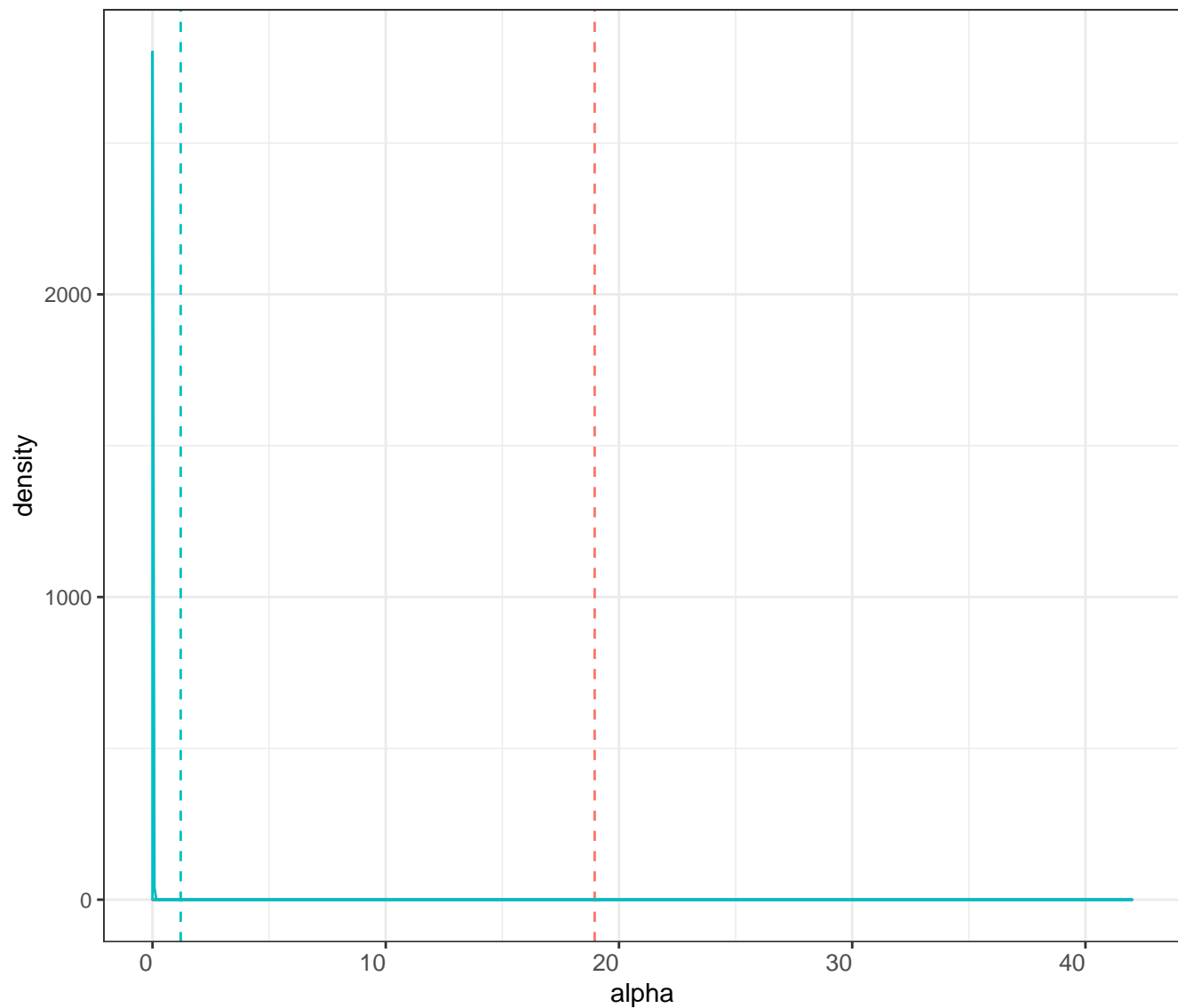
Trace plot for the number of groups K for S=20 r=20 true K=4 type=1

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

Distribution alpha: S=20 ,r=20 true gr K=4 ,type=1 ,N=150

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

Posterior distribution for alpha

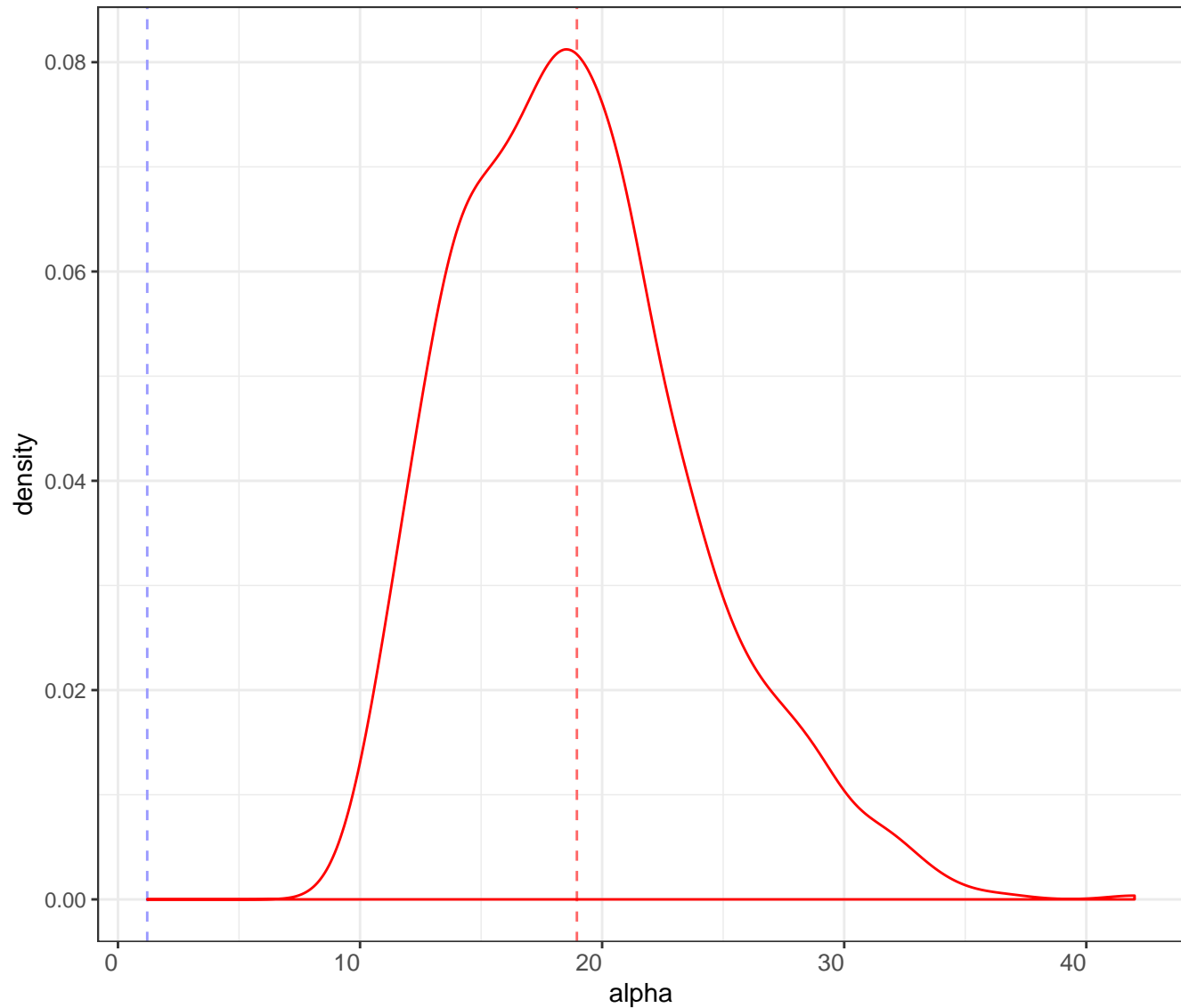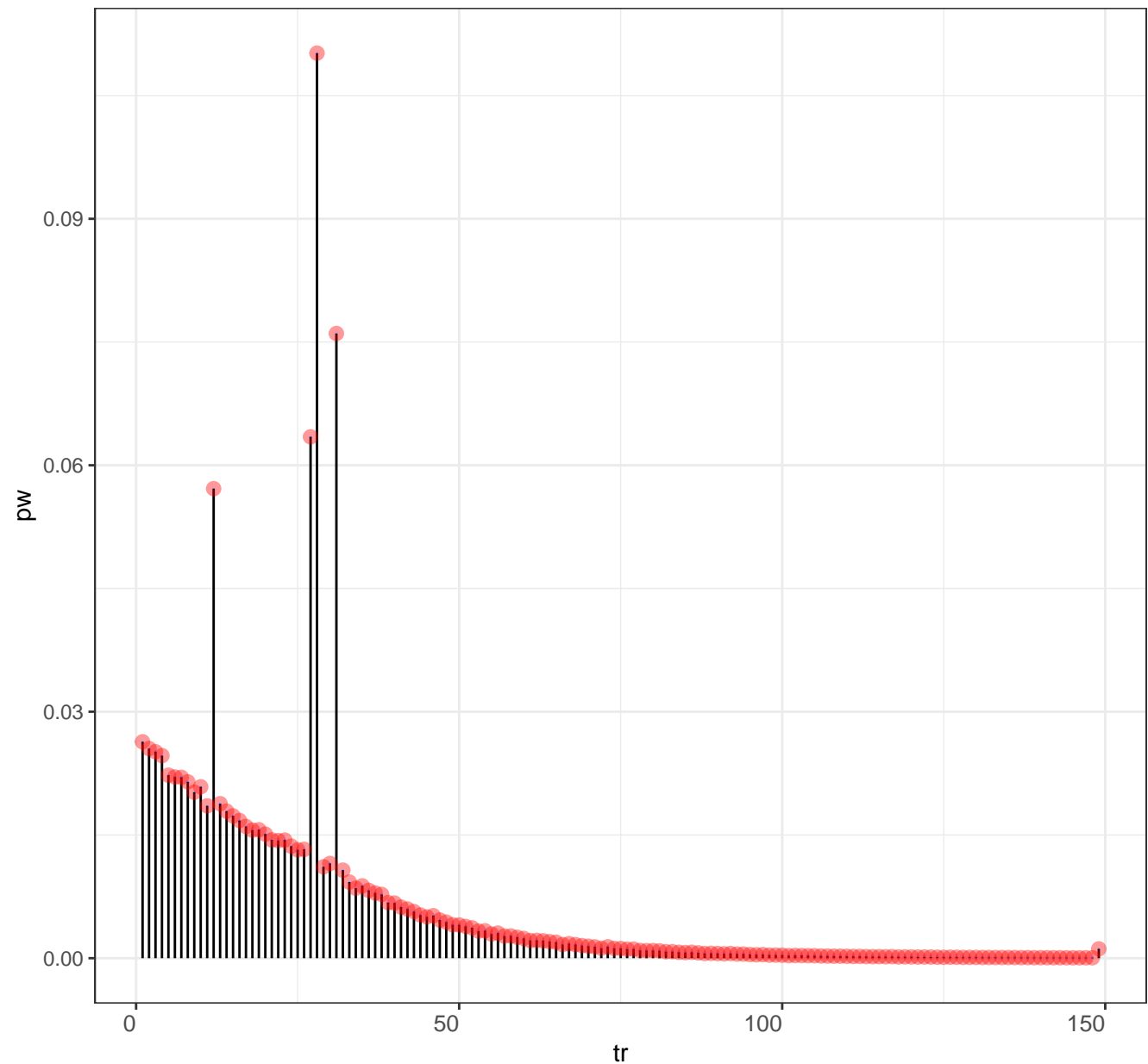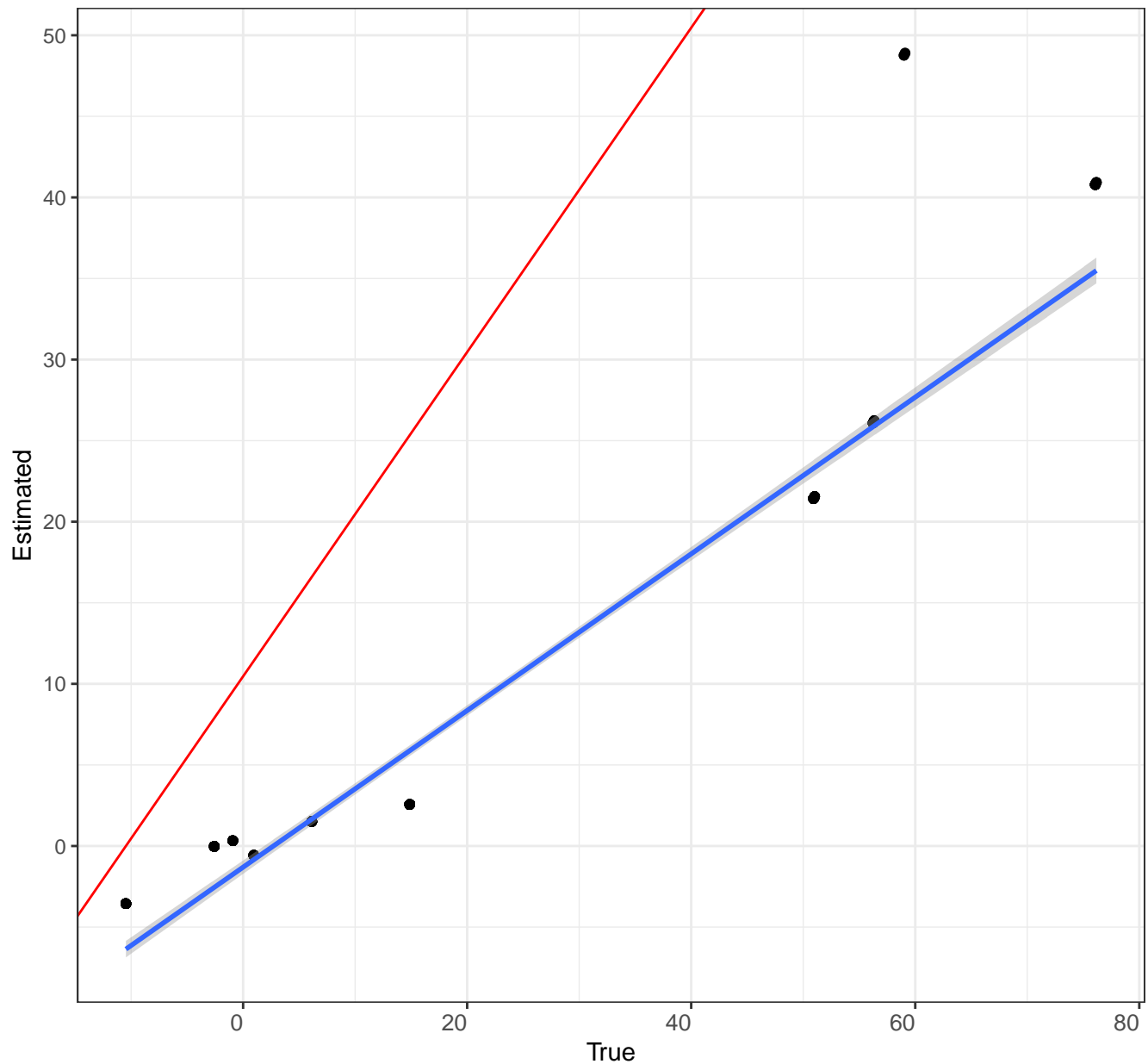Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=20 true gr K=4 ,type=1 ,N=150

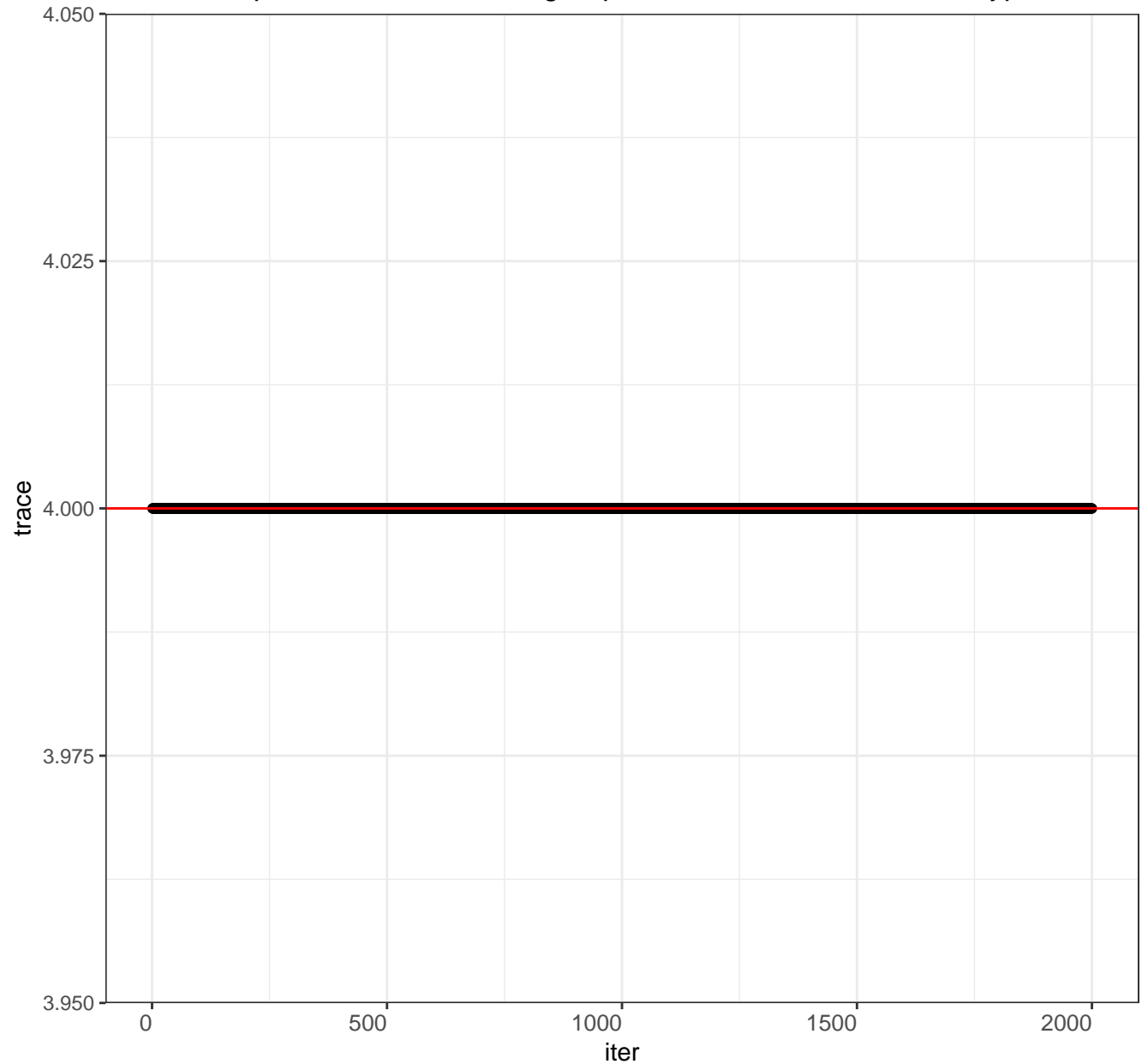Weights for the case: S=20 ,r=20 true gr K=4 ,type=1 ,N=150 pN=0.001

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

True vs estimated covariance parameters

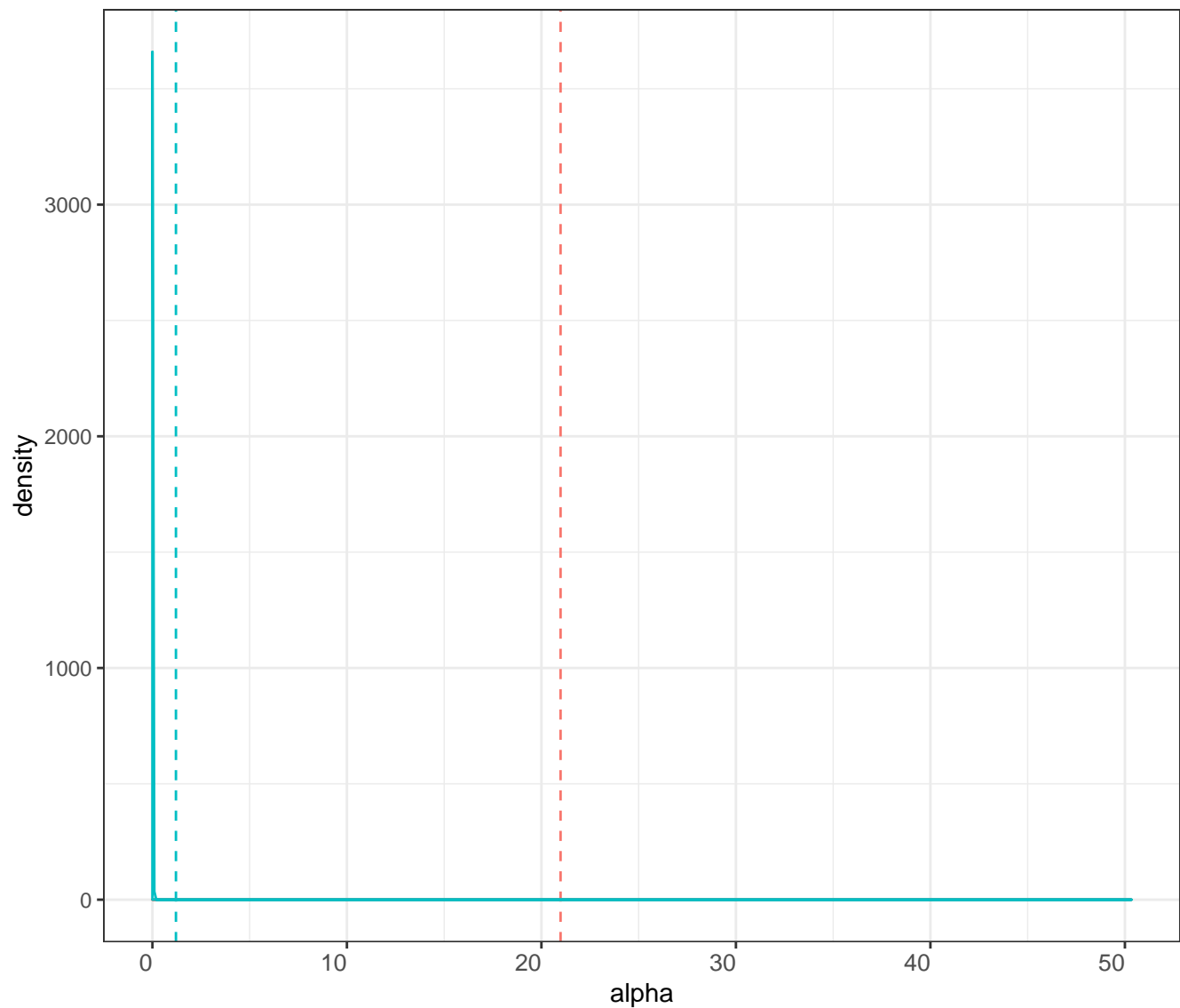Number of iterations: 2000 burnin: 1000number of samples: 500S=20 r=20 true K=4 type=1

Trace plot for the number of groups K for S=20 r=20 true K=4 type=1

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

Distribution alpha: S=20 ,r=20 true gr K=4 ,type=1 ,N=150

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

Posterior distribution for alpha
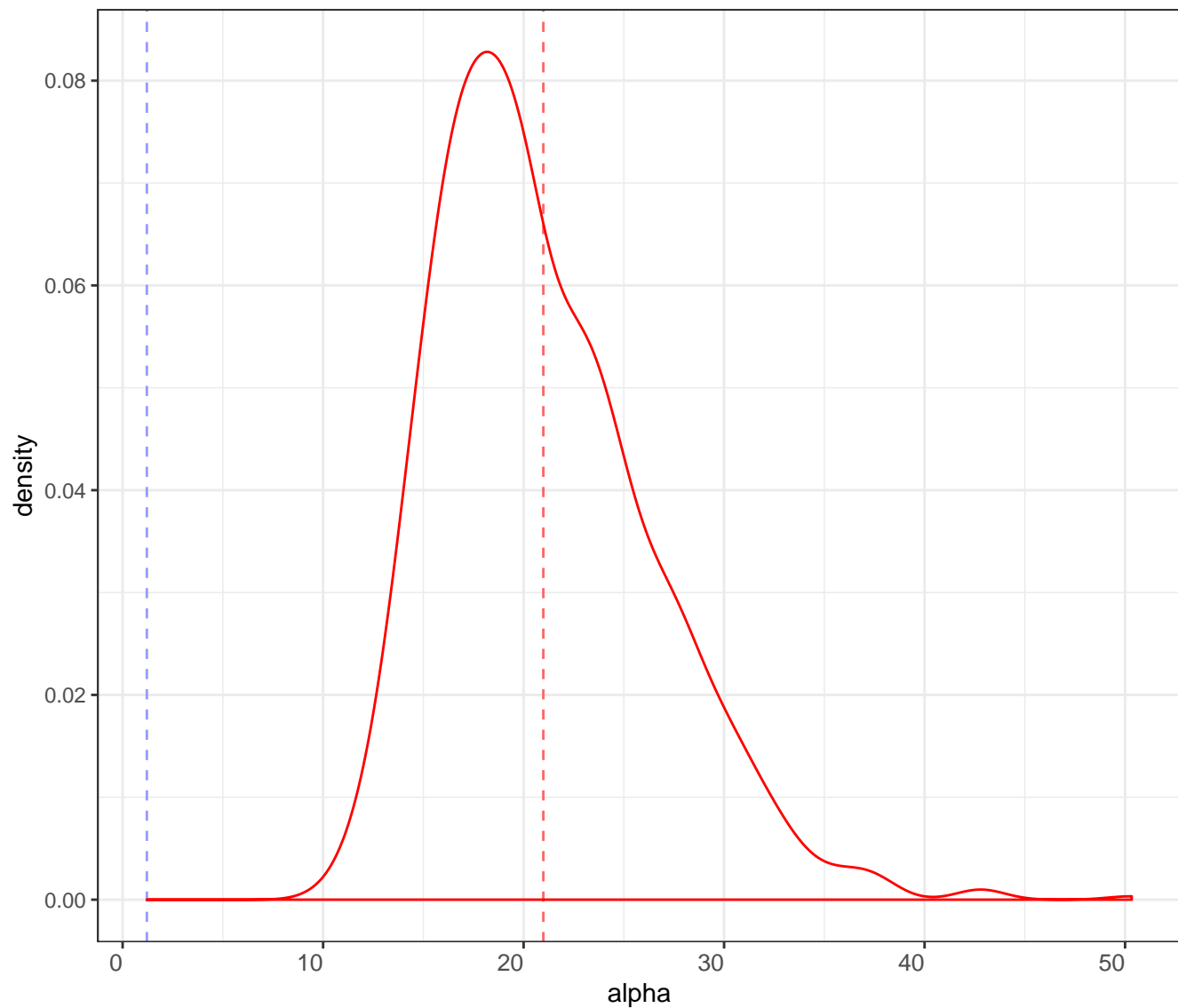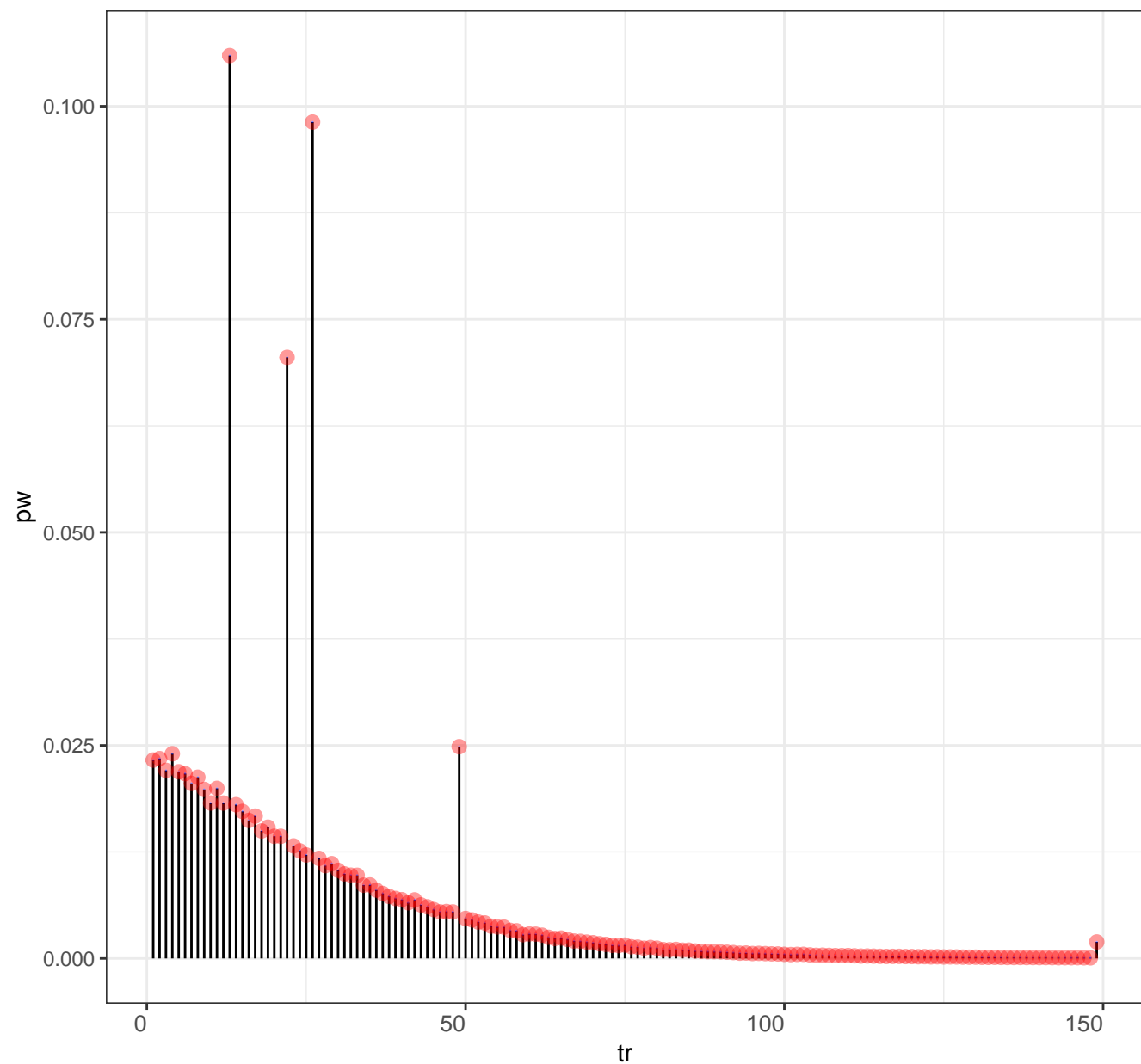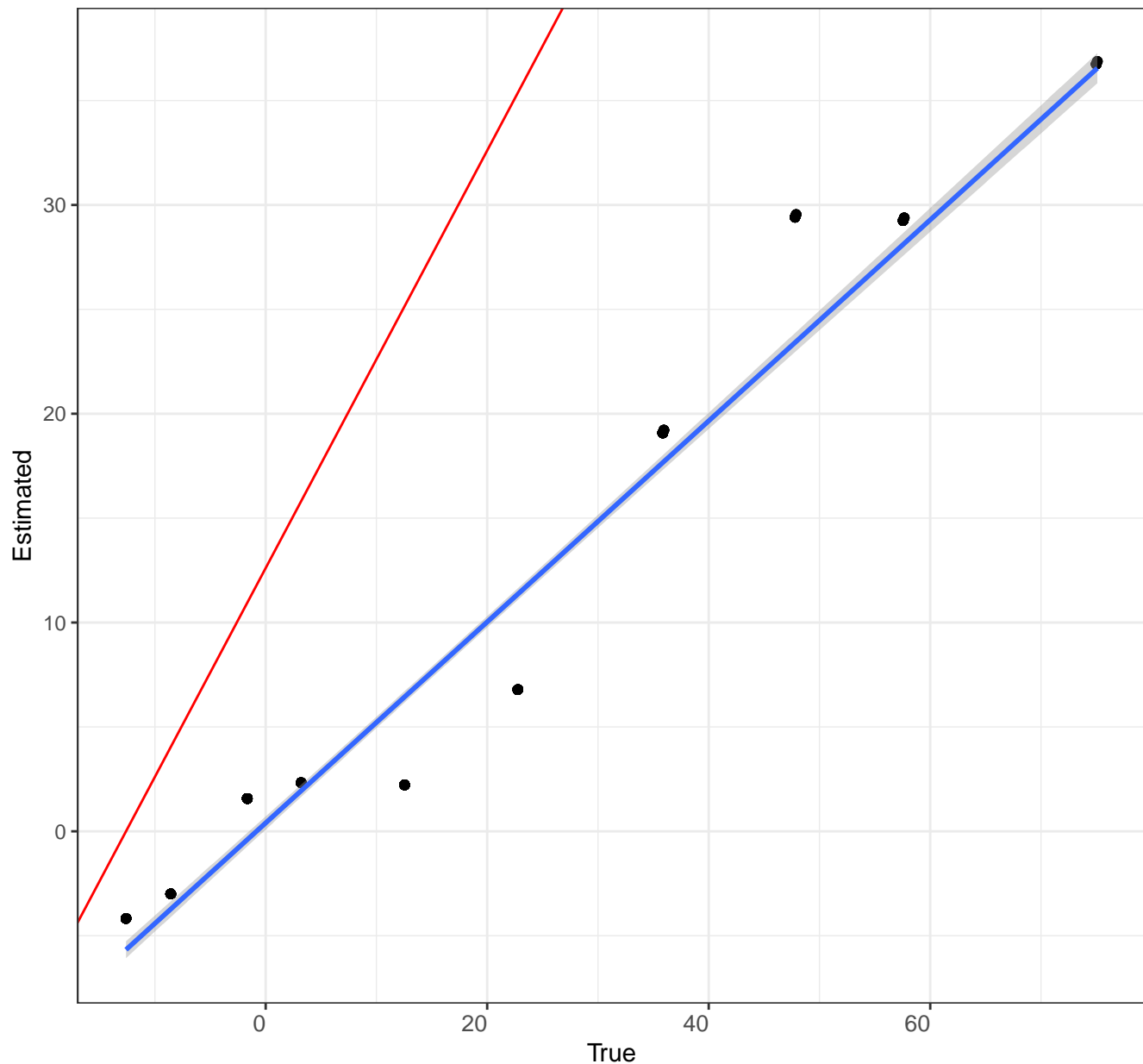
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=20 true gr K=4 ,type=1 ,N=150

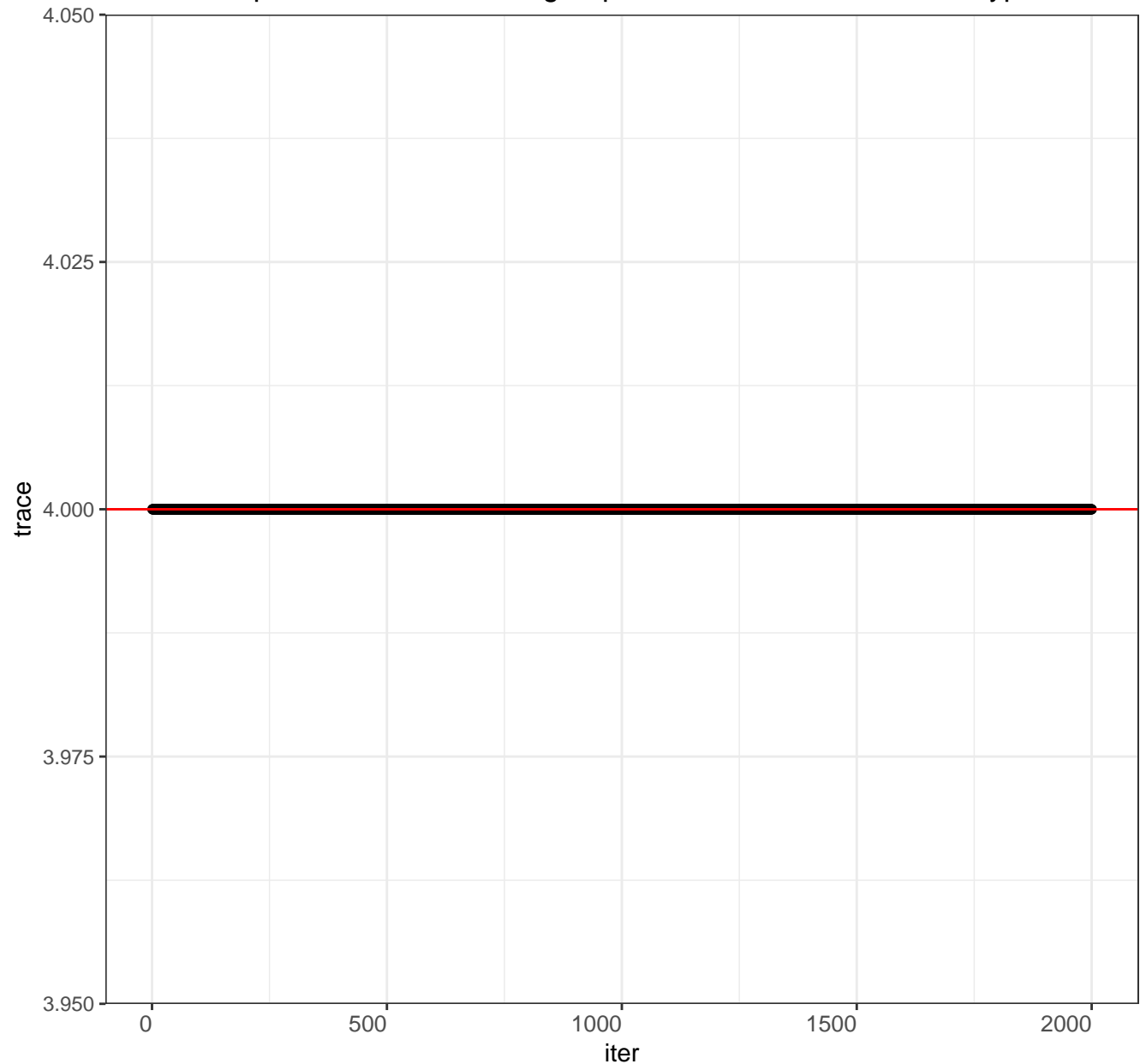Weights for the case: S=20 ,r=20 true gr K=4 ,type=1 ,N=150 pN=0.002

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

True vs estimated covariance parameters

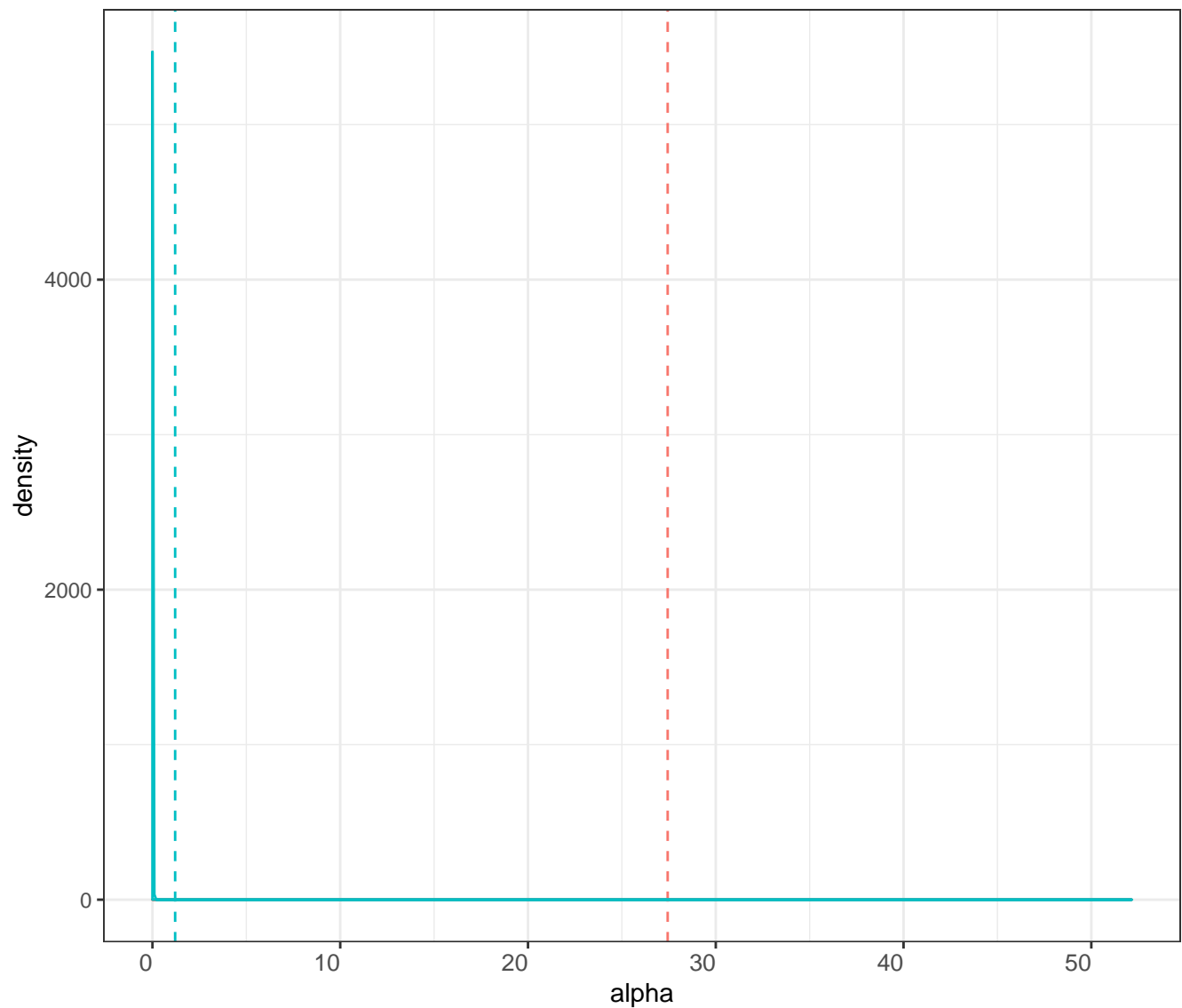Number of iterations: 2000 burnin: 1000number of samples: 500S=20 r=20 true K=4 type=1

Trace plot for the number of groups K for S=20 r=20 true K=4 type=1

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

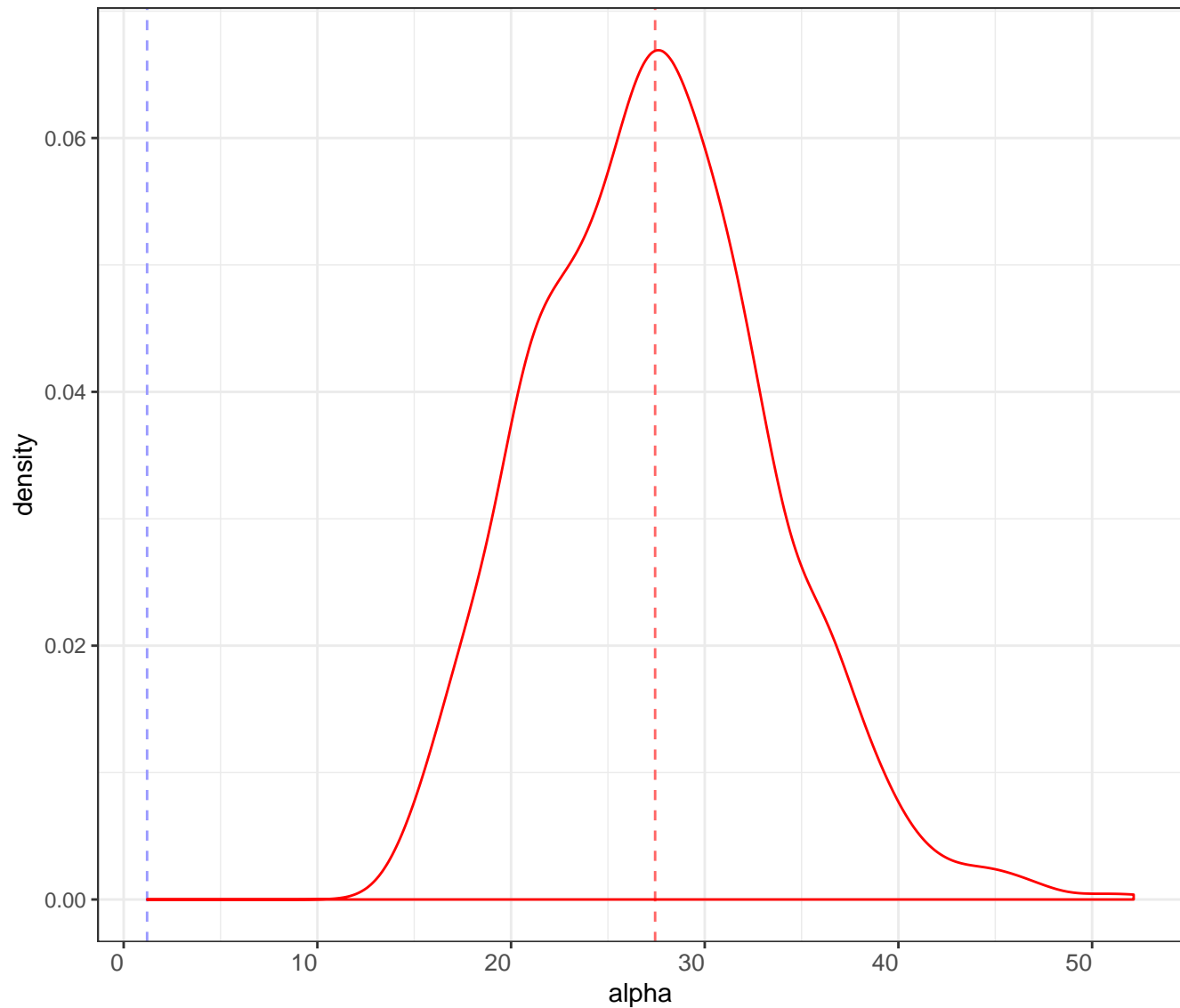Distribution alpha: S=20 ,r=20 true gr K=4 ,type=1 ,N=150

type ┆ posterior ┆ prior

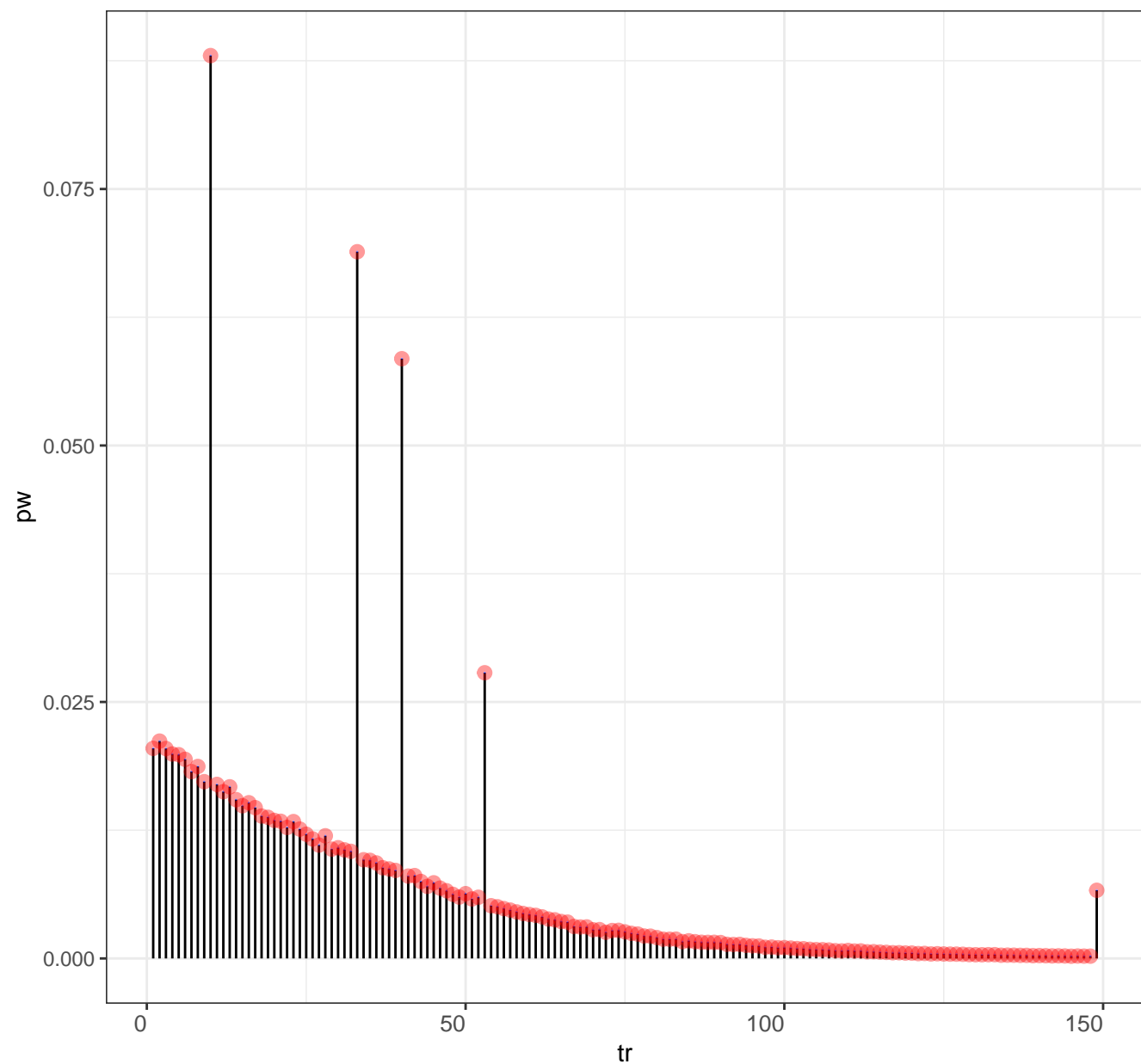Number of iterations: 2000 burnin: 1000 number of samples: 500
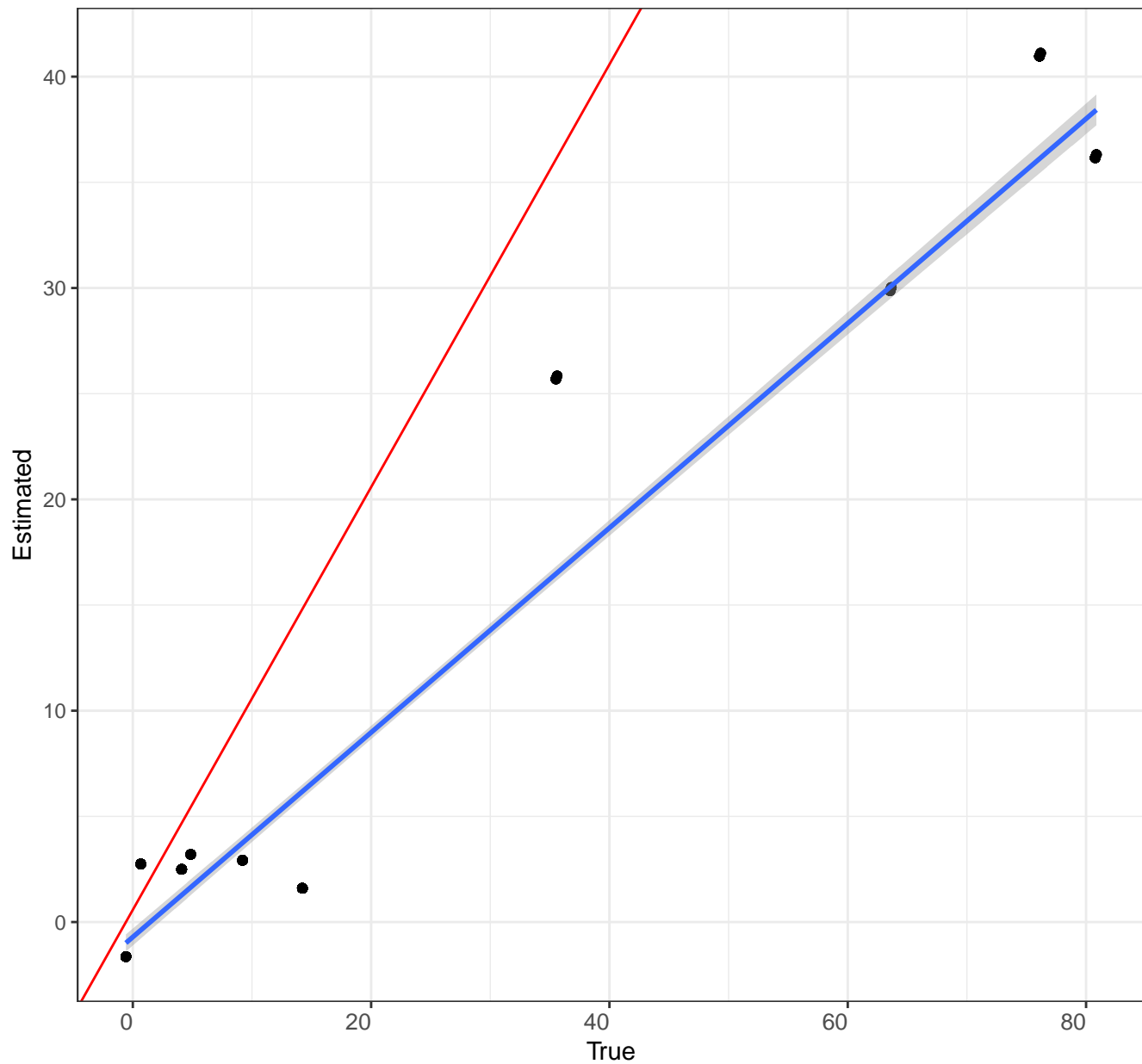
Posterior distribution for alpha

Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=20 true gr K=4 ,type=1 ,N=150

Weights for the case: S=20 ,r=20 true gr K=4 ,type=1 ,N=150 pN=0.007

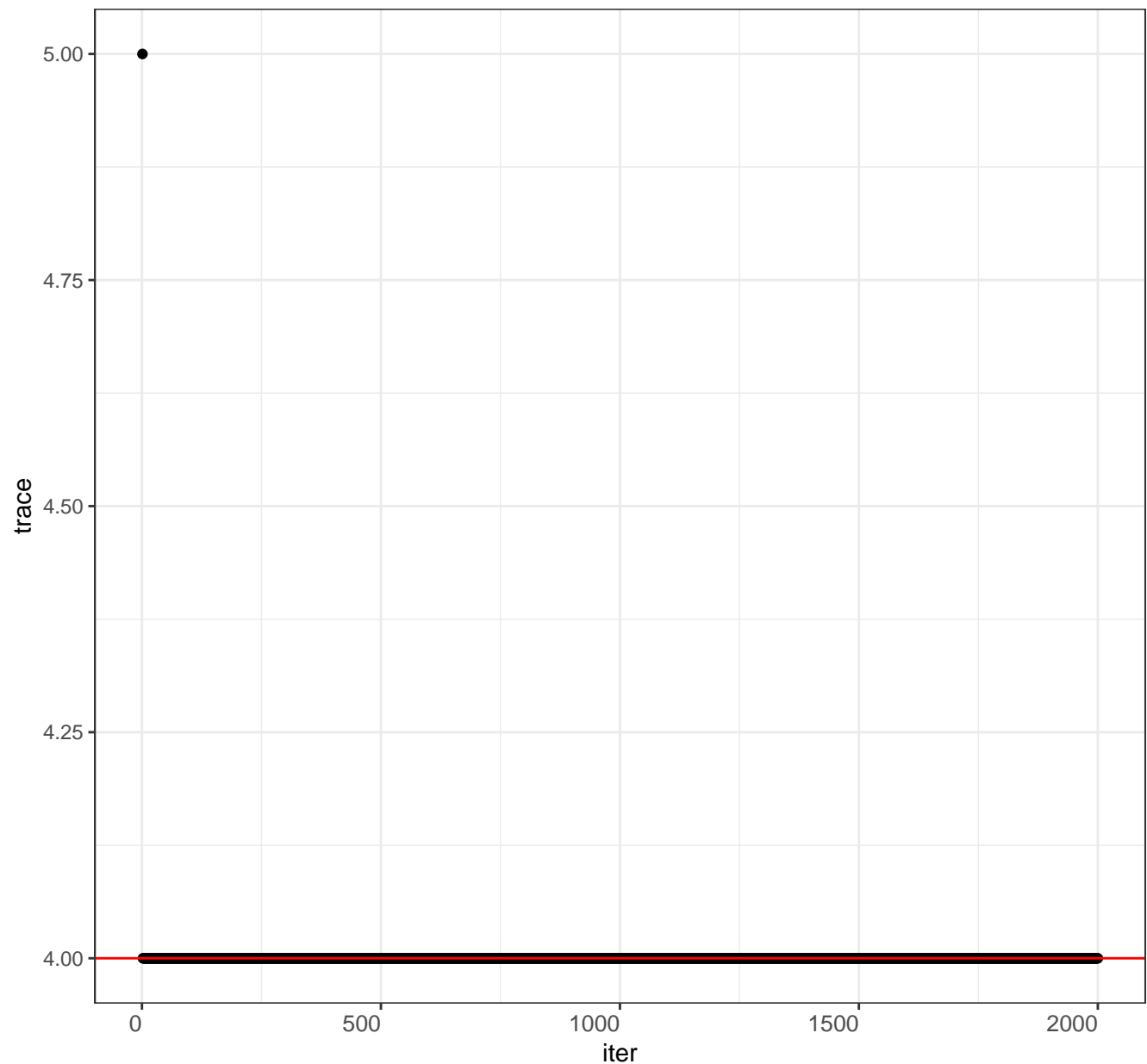Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters

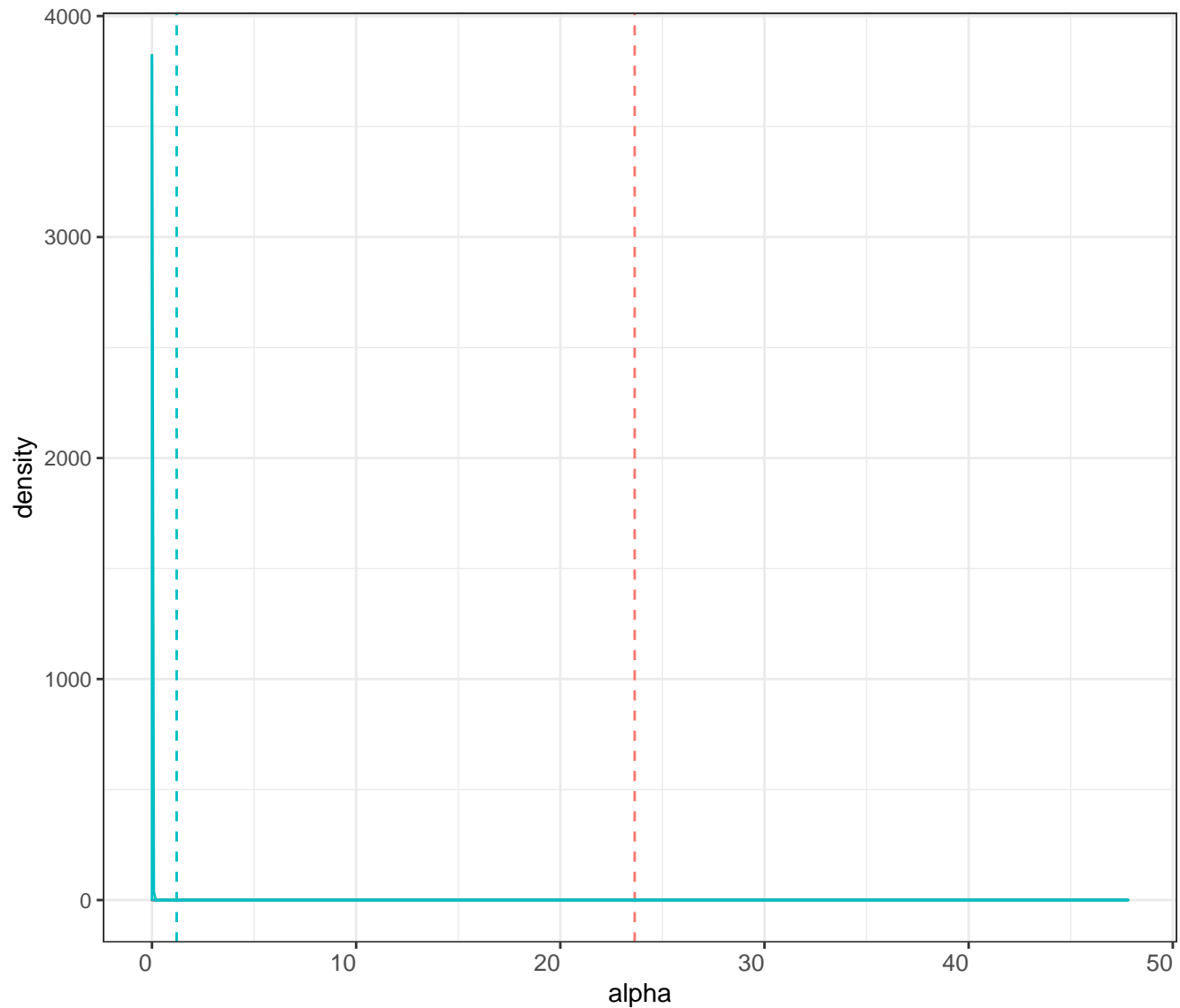Number of iterations: 2000 burnin: 1000number of samples: 500S=20 r=20 true K=4 type=1

Trace plot for the number of groups K for S=20 r=20 true K=4 type=1

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

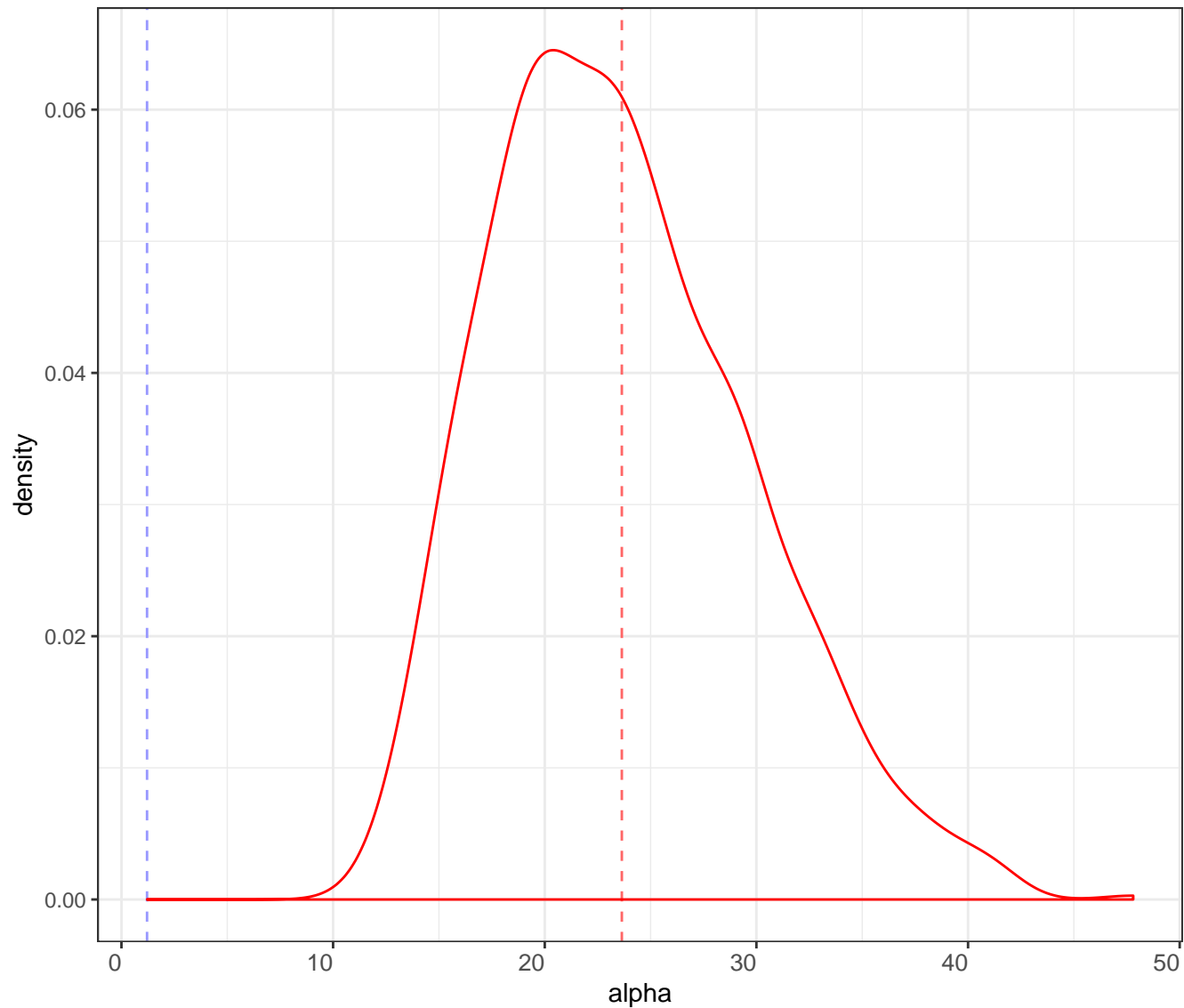Distribution alpha: S=20 ,r=20 true gr K=4 ,type=1 ,N=150

type [posterior] [prior]

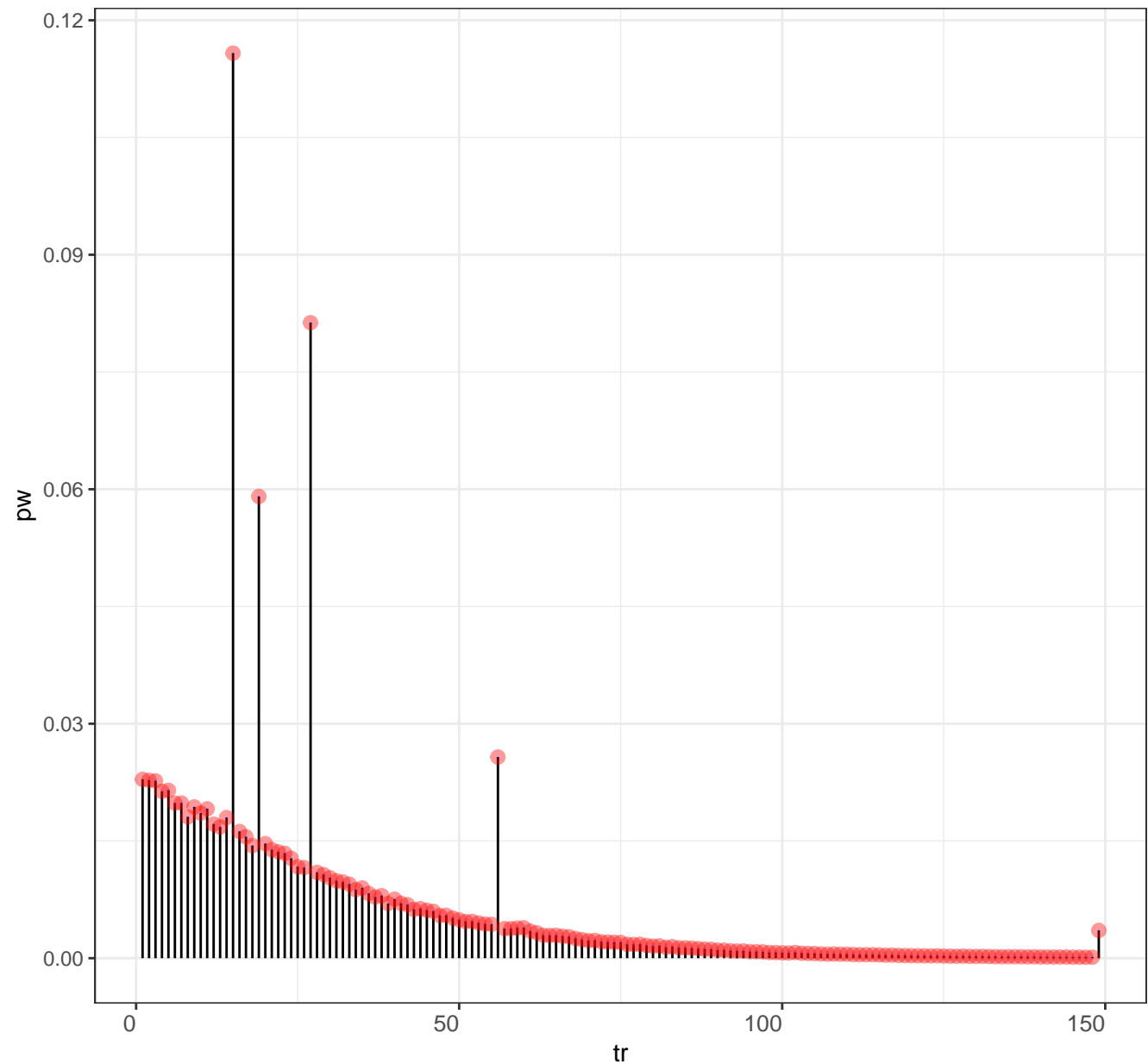Number of iterations: 2000 burnin: 1000 number of samples: 500
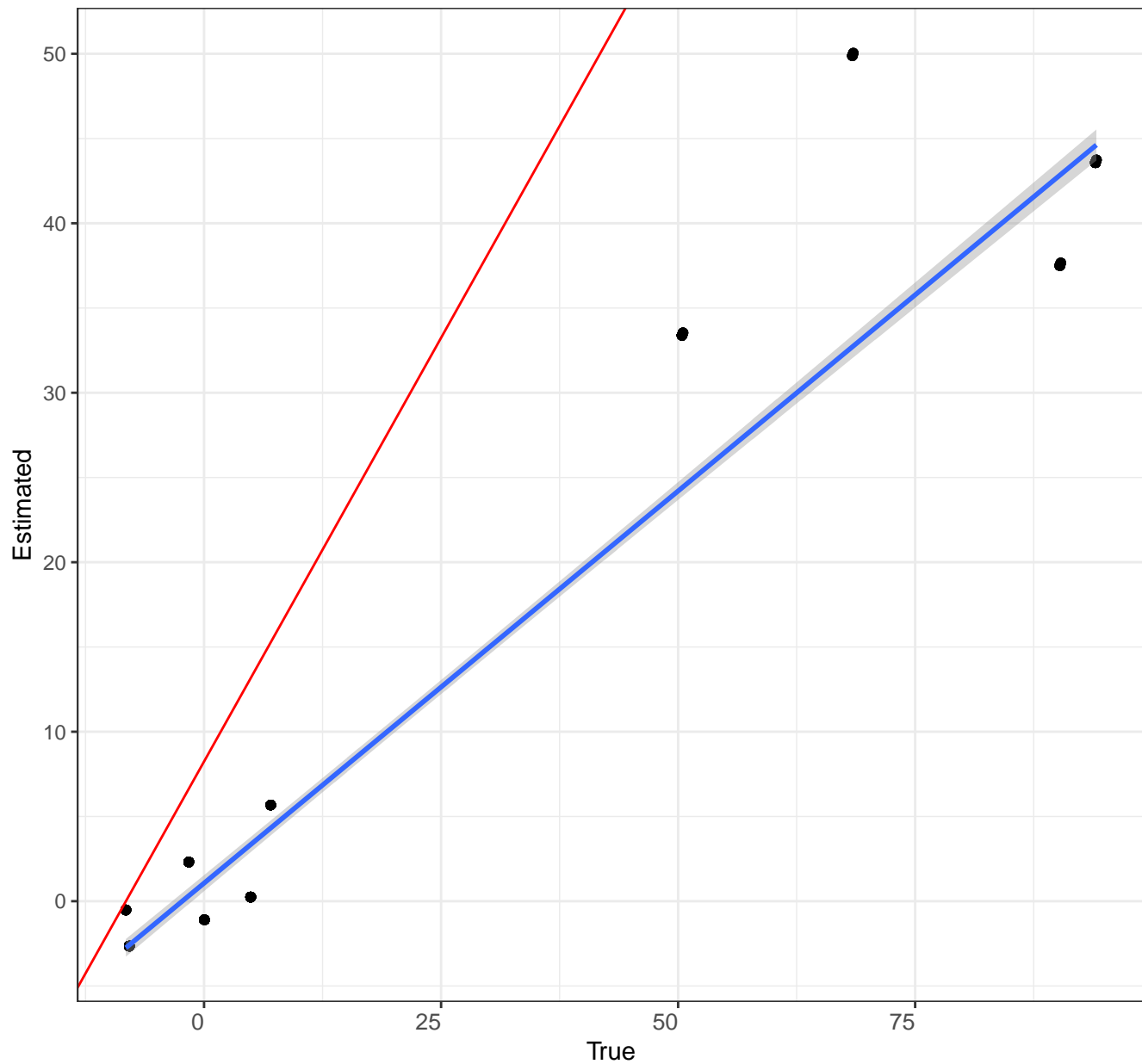
Posterior distribution for alpha

Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=20 true gr K=4 ,type=1 ,N=150

Weights for the case: S=20 ,r=20 true gr K=4 ,type=1 ,N=150 pN=0.004
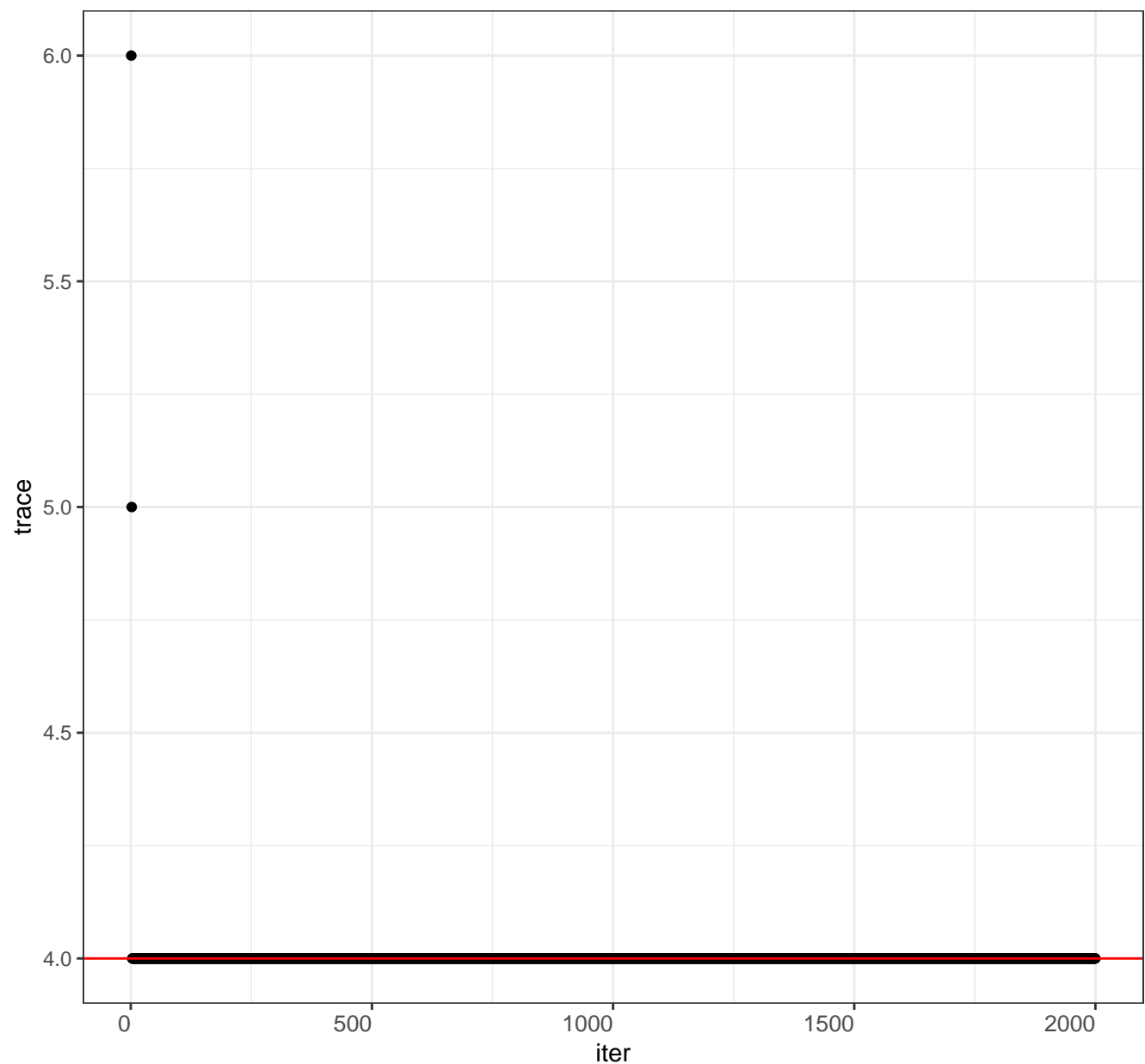
Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters

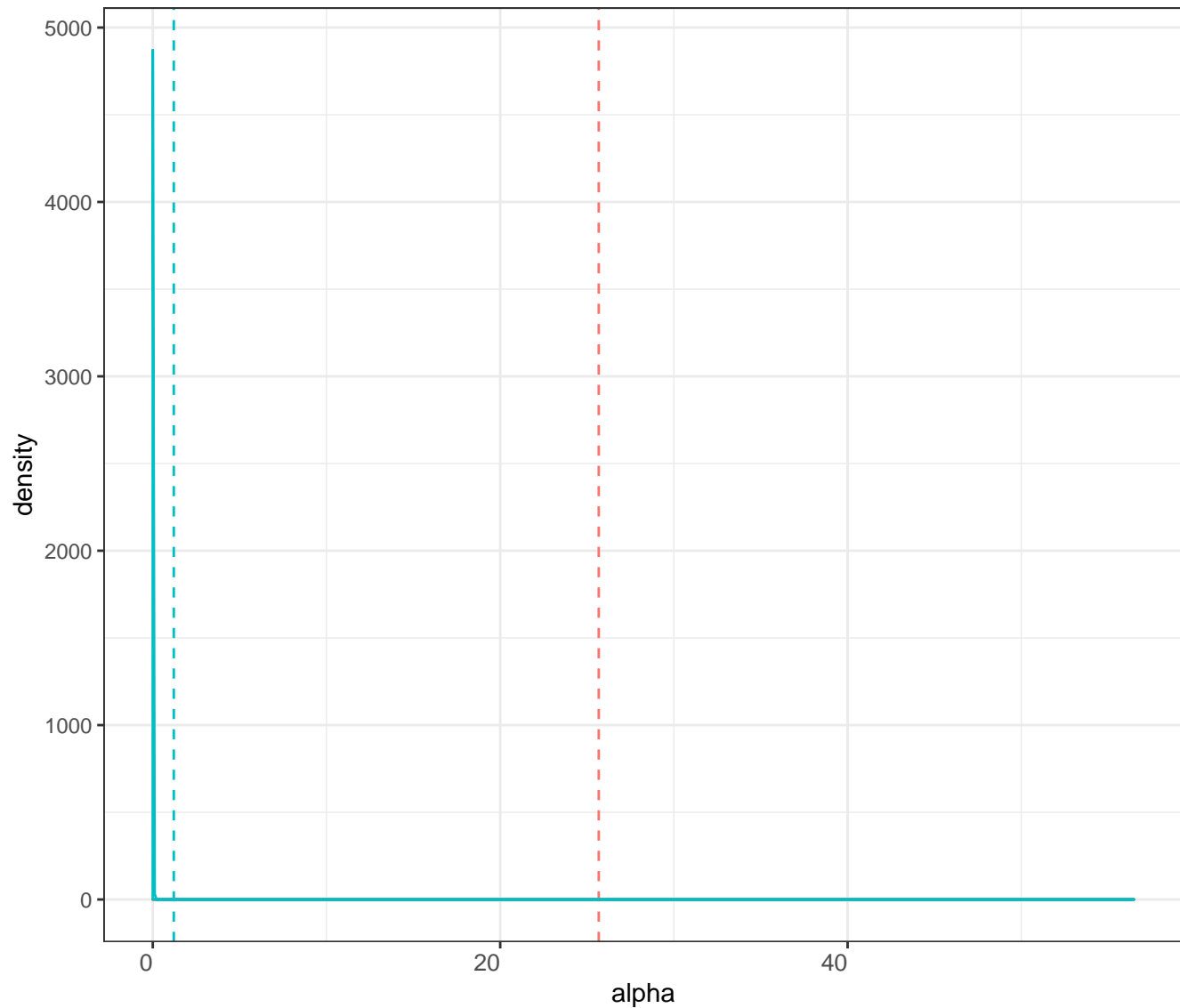Number of iterations: 2000 burnin: 1000number of samples: 500S=20 r=20 true K=4 type=1

Trace plot for the number of groups K for S=20 r=20 true K=4 type=1

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

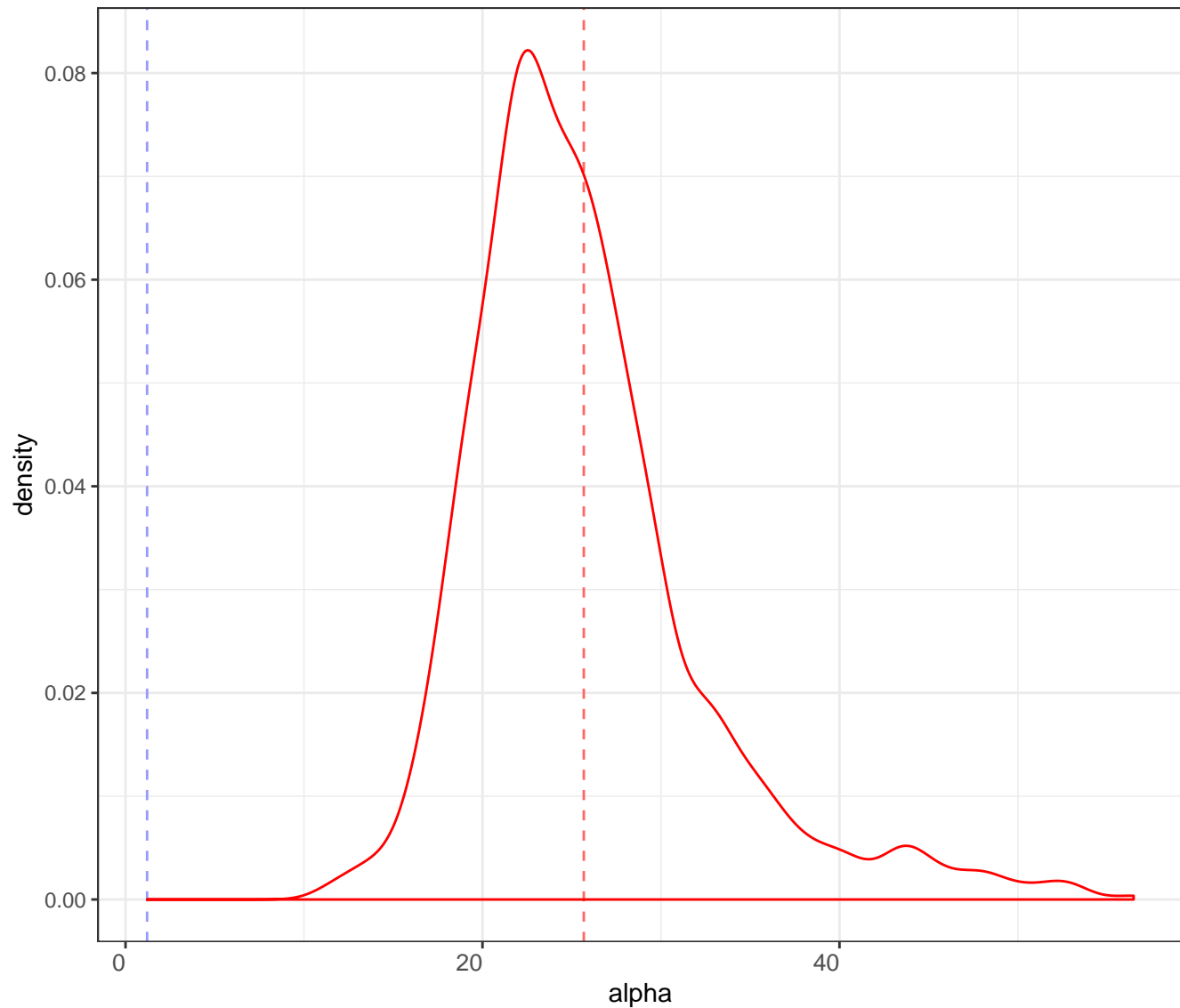Distribution alpha: S=20 ,r=20 true gr K=4 ,type=1 ,N=150

type — posterior — prior

Number of iterations: 2000 burnin: 1000 number of samples: 500
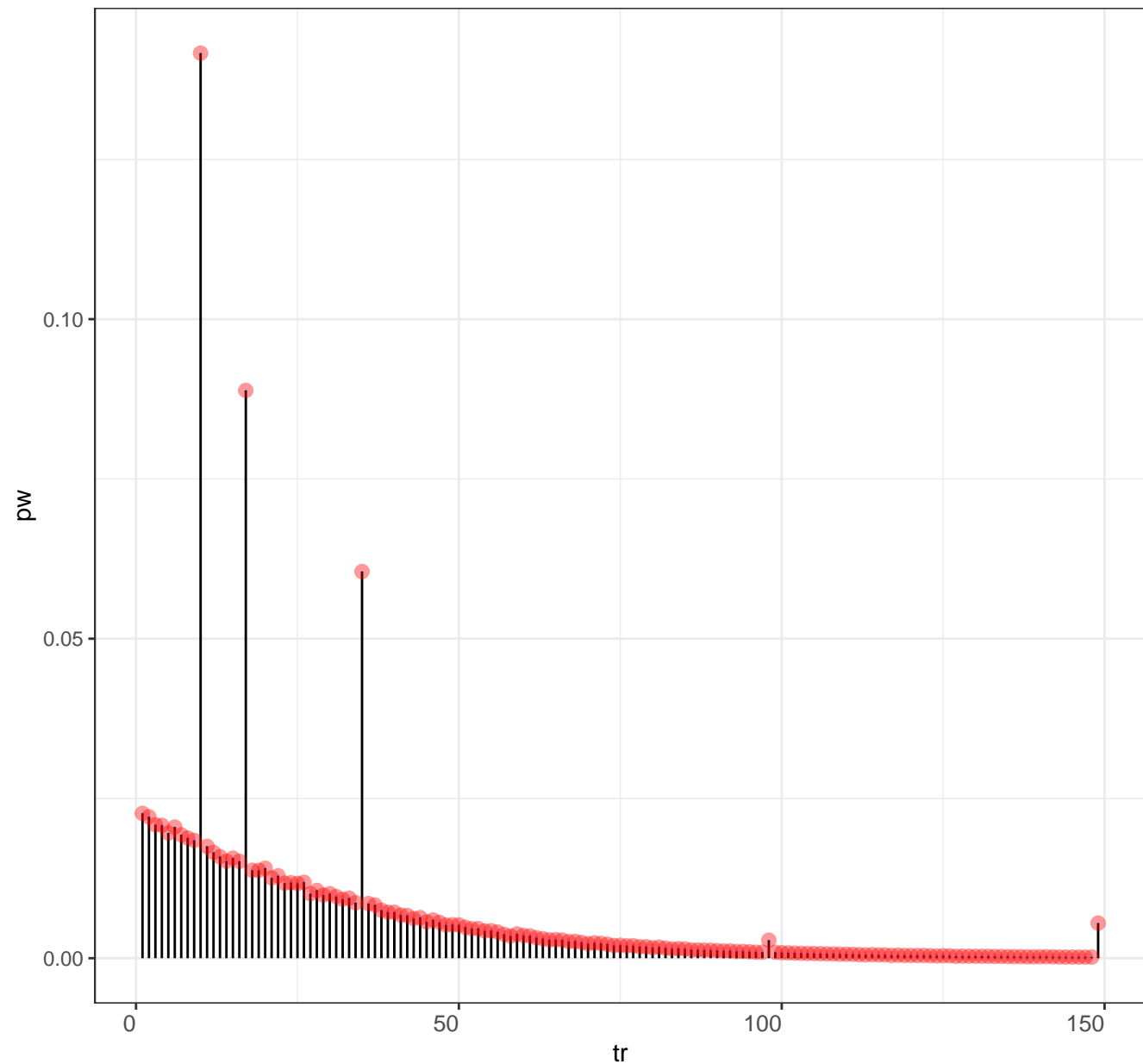
Posterior distribution for alpha

Legend | posterior mean | prior mean

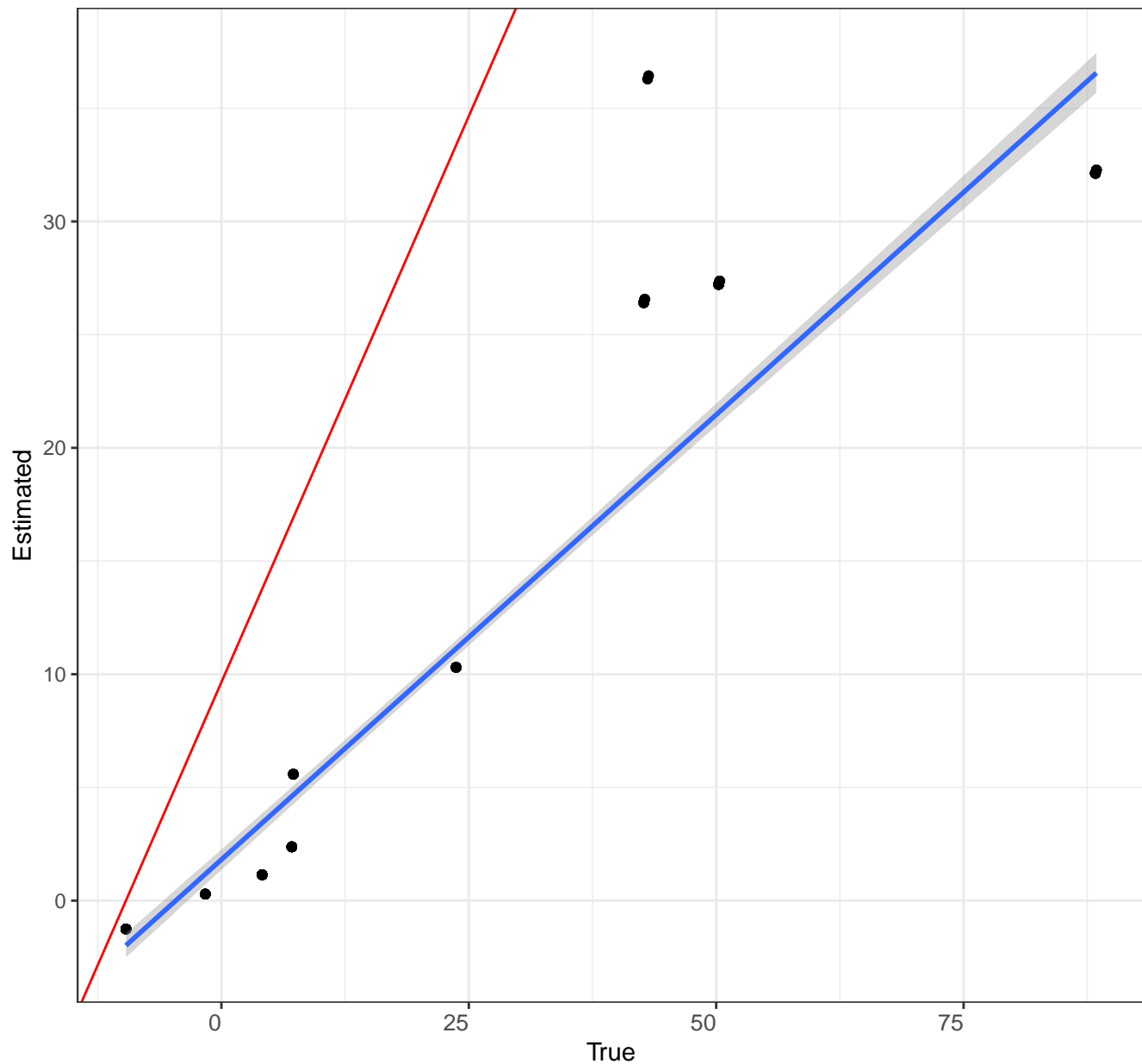Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=20 true gr K=4 ,type=1 ,N=150

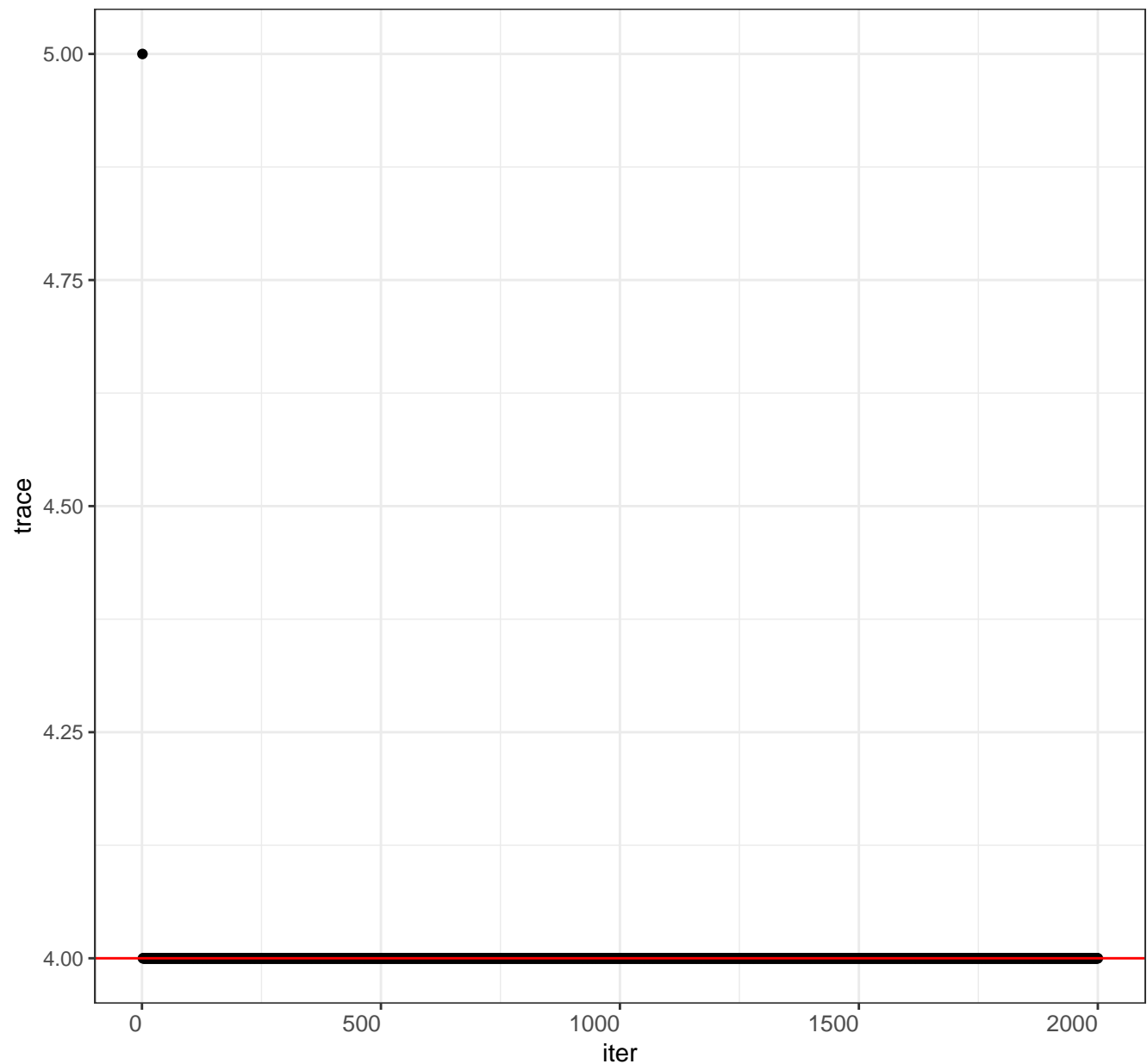Weights for the case: S=20 ,r=20 true gr K=4 ,type=1 ,N=150 pN=0.005

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

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=20 r=20 true K=4 type=1
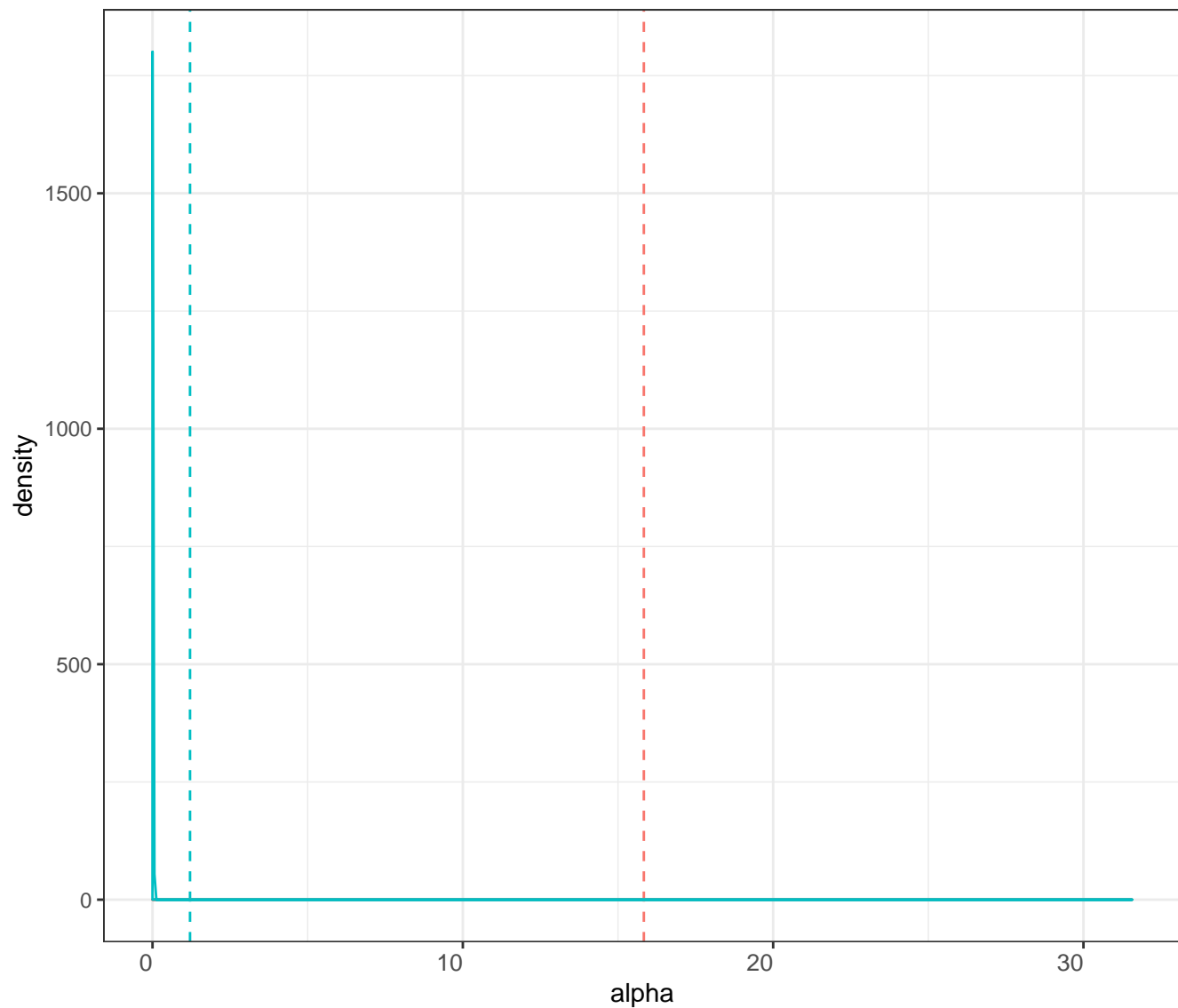
Trace plot for the number of groups K for S=20 r=20 true K=4 type=1

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

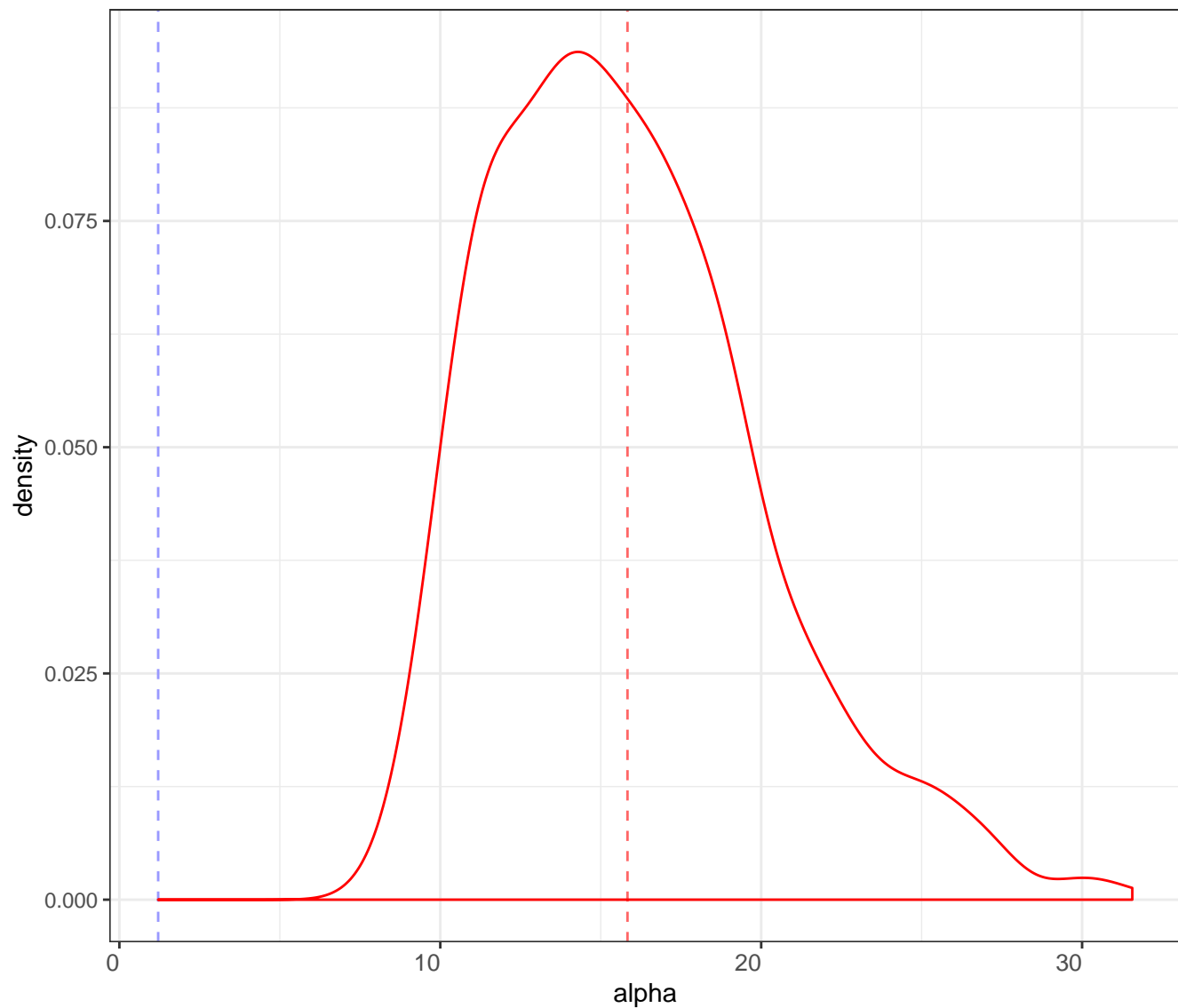Distribution alpha: S=20 ,r=20 true gr K=4 ,type=1 ,N=150

type [posterior] [prior]

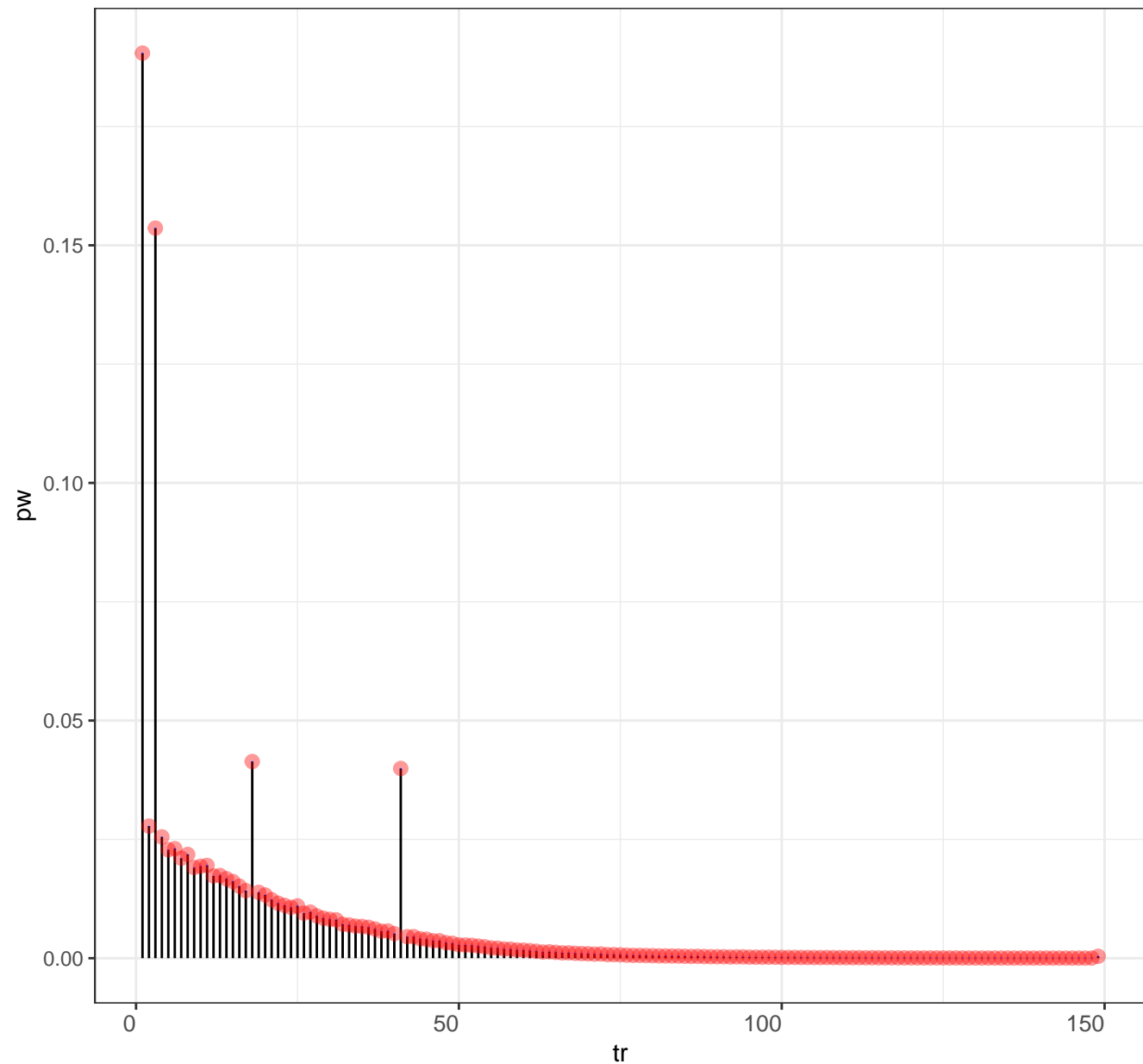Number of iterations: 2000 burnin: 1000 number of samples: 500
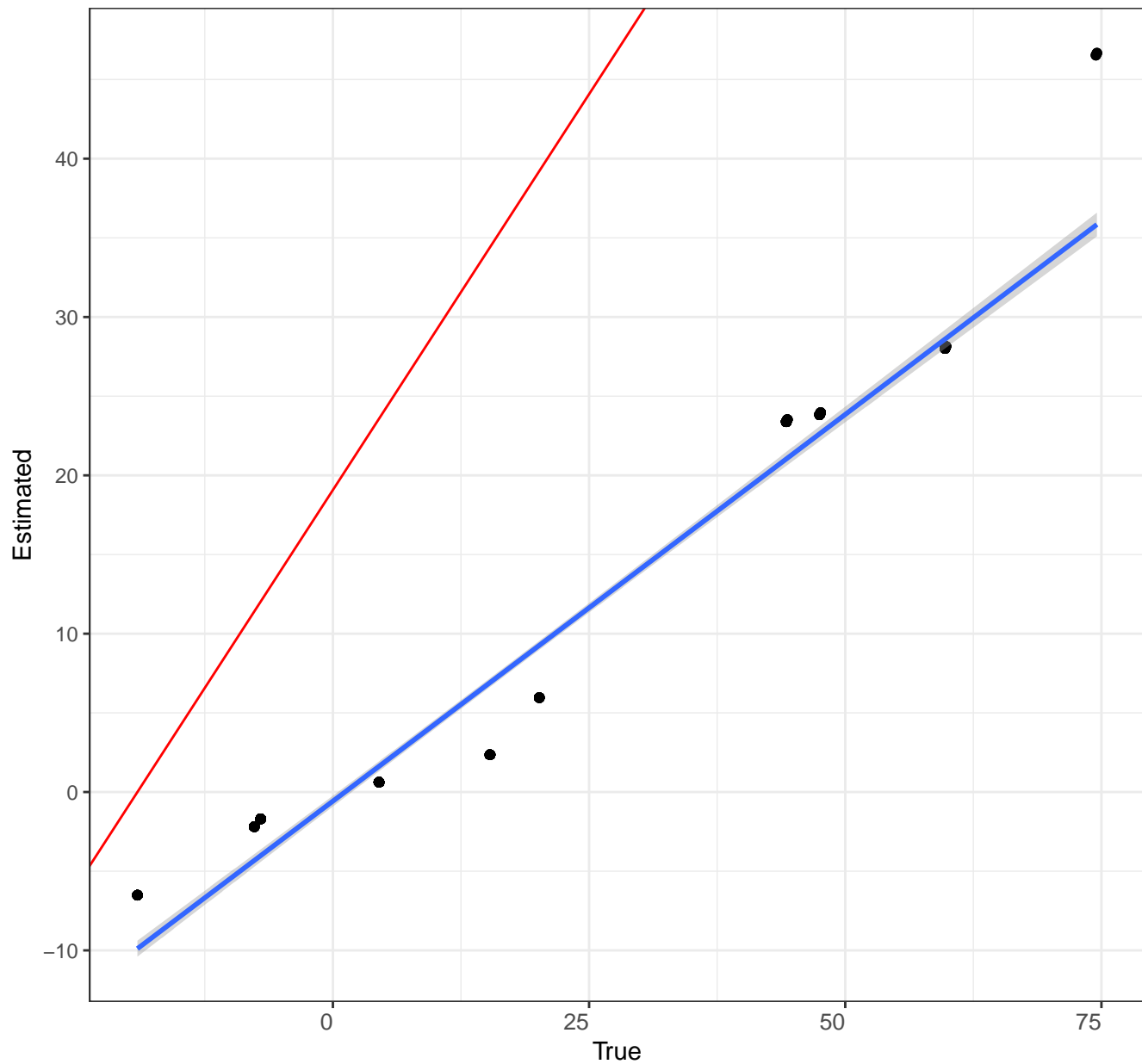
Posterior distribution for alpha

Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=20 true gr K=4 ,type=1 ,N=150

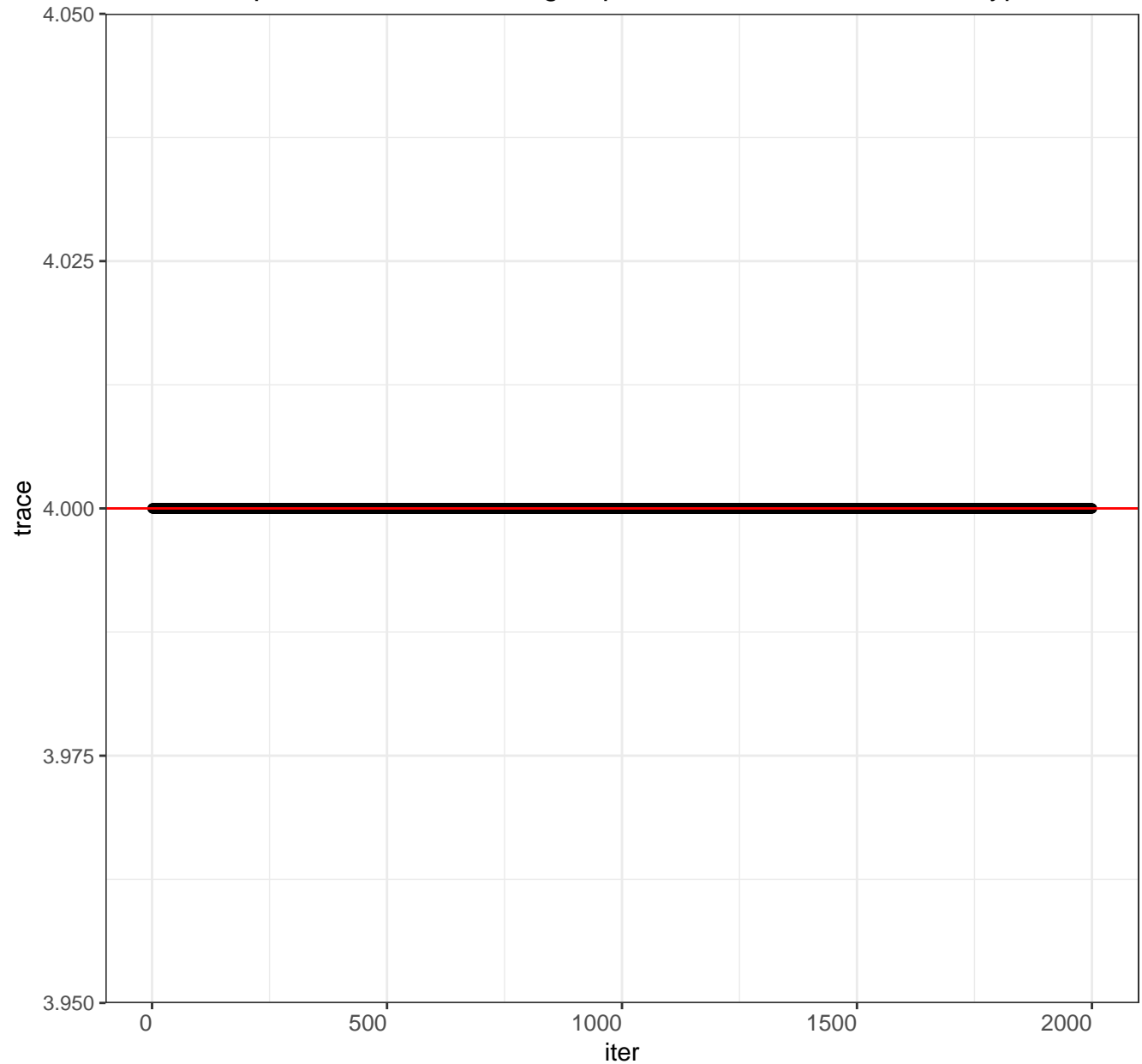Weights for the case: S=20 ,r=20 true gr K=4 ,type=1 ,N=150 pN=0

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

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=20 r=20 true K=4 type=1

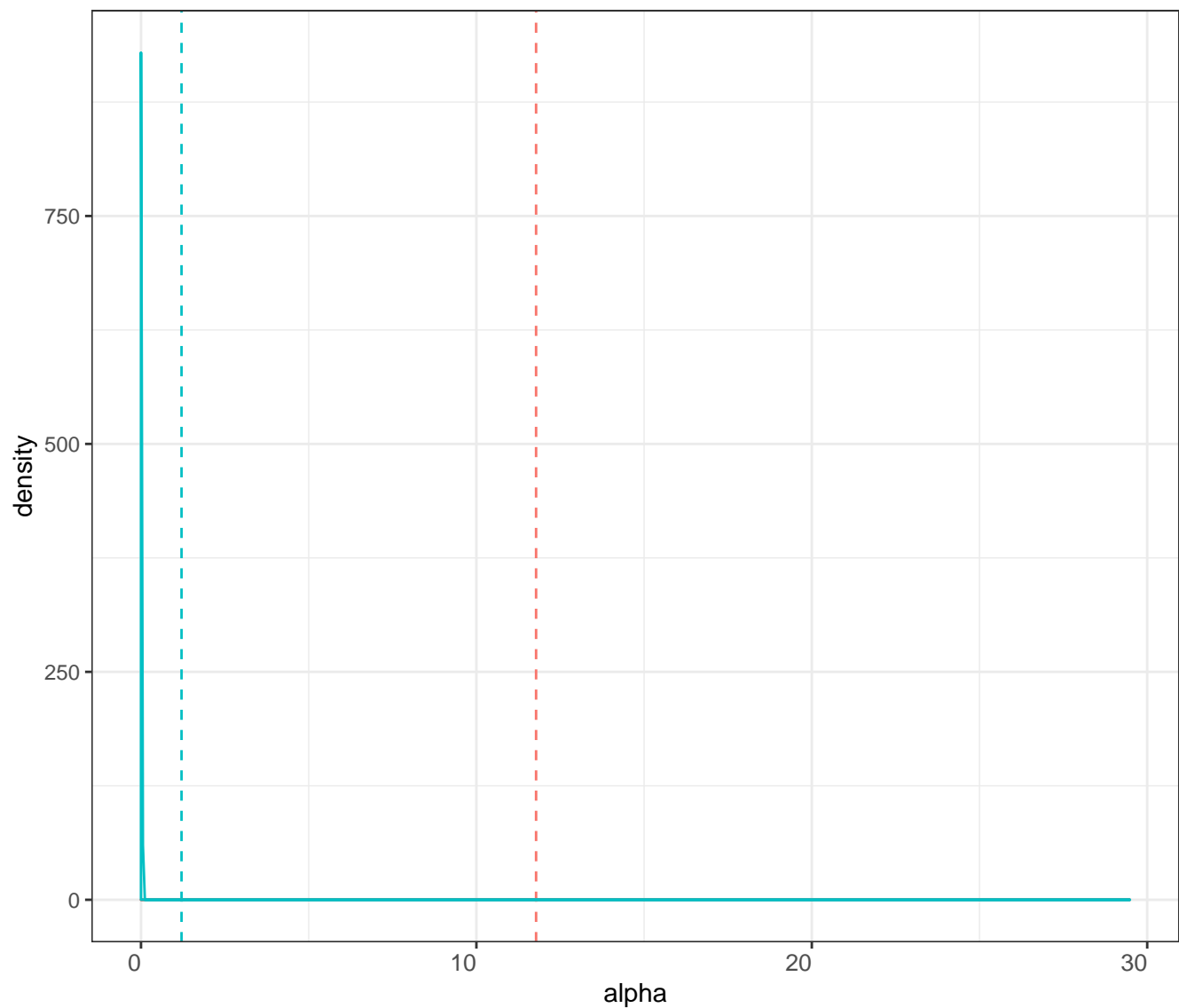Trace plot for the number of groups K for S=20 r=20 true K=4 type=1

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

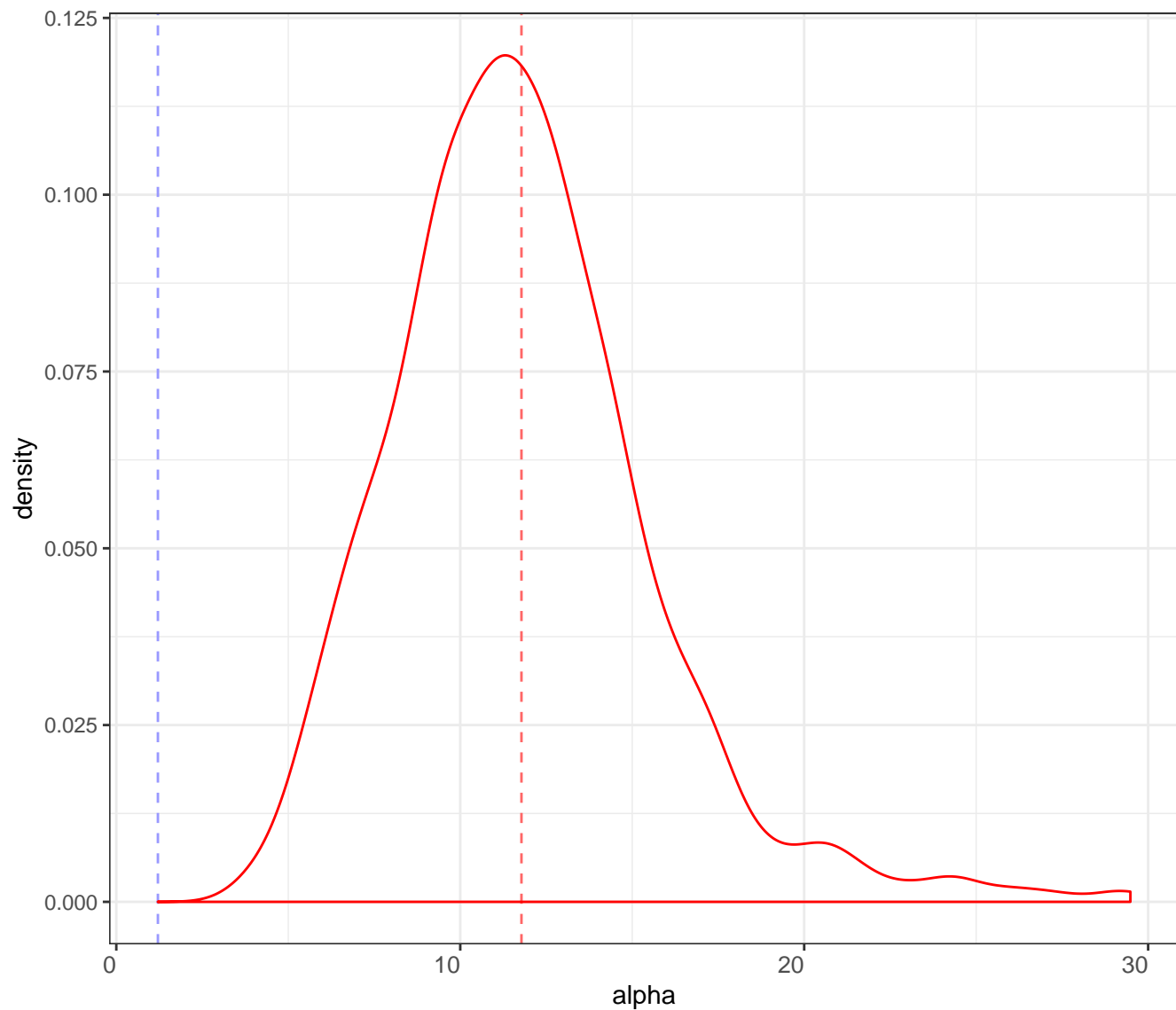Distribution alpha: S=20 ,r=20 true gr K=4 ,type=1 ,N=150

type ┆ posterior ┆ prior

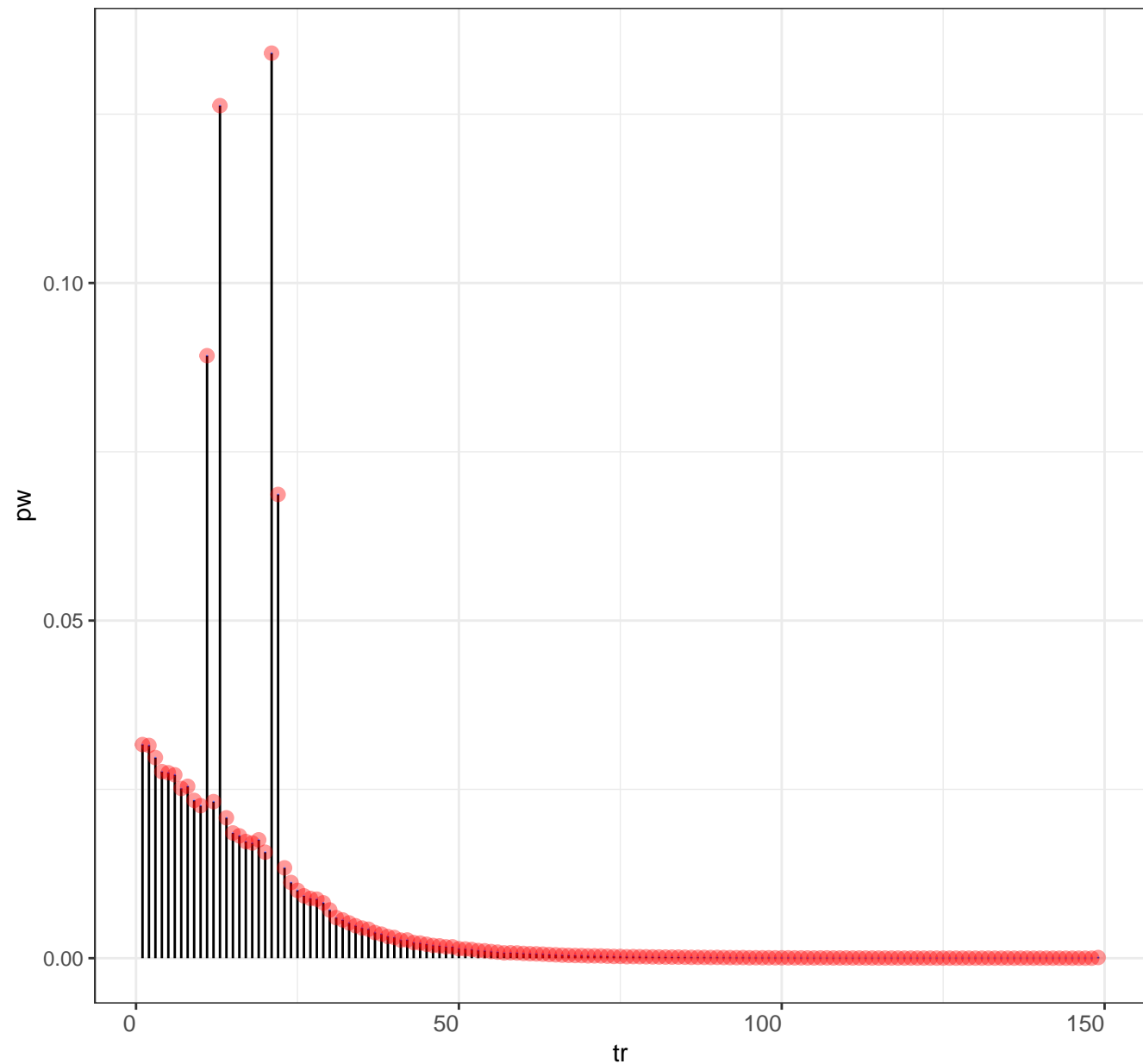Number of iterations: 2000 burnin: 1000 number of samples: 500
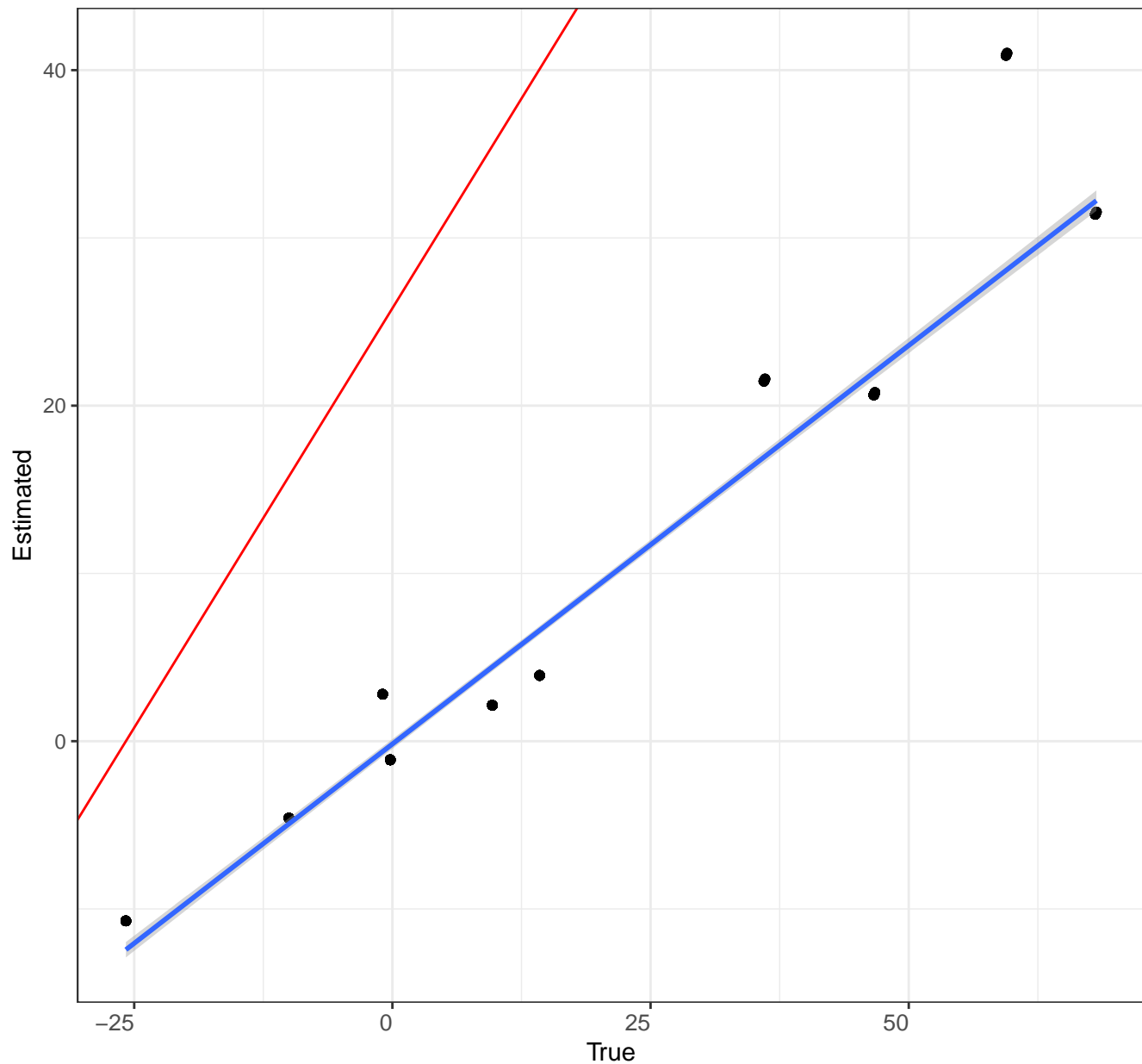
Posterior distribution for alpha

Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=20 true gr K=4 ,type=1 ,N=150

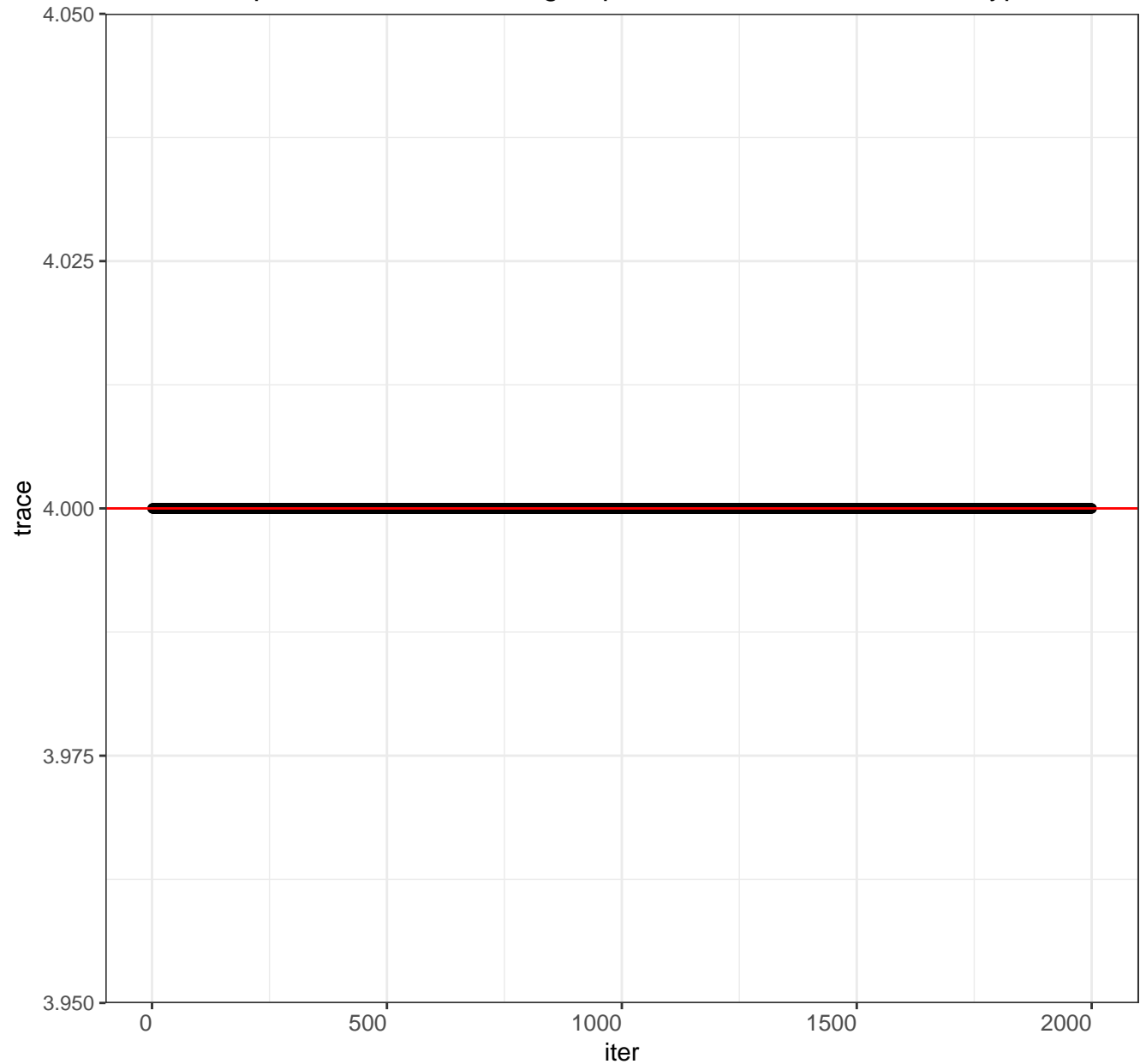Weights for the case: S=20 ,r=20 true gr K=4 ,type=1 ,N=150 pN=0

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

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=20 r=20 true K=4 type=1
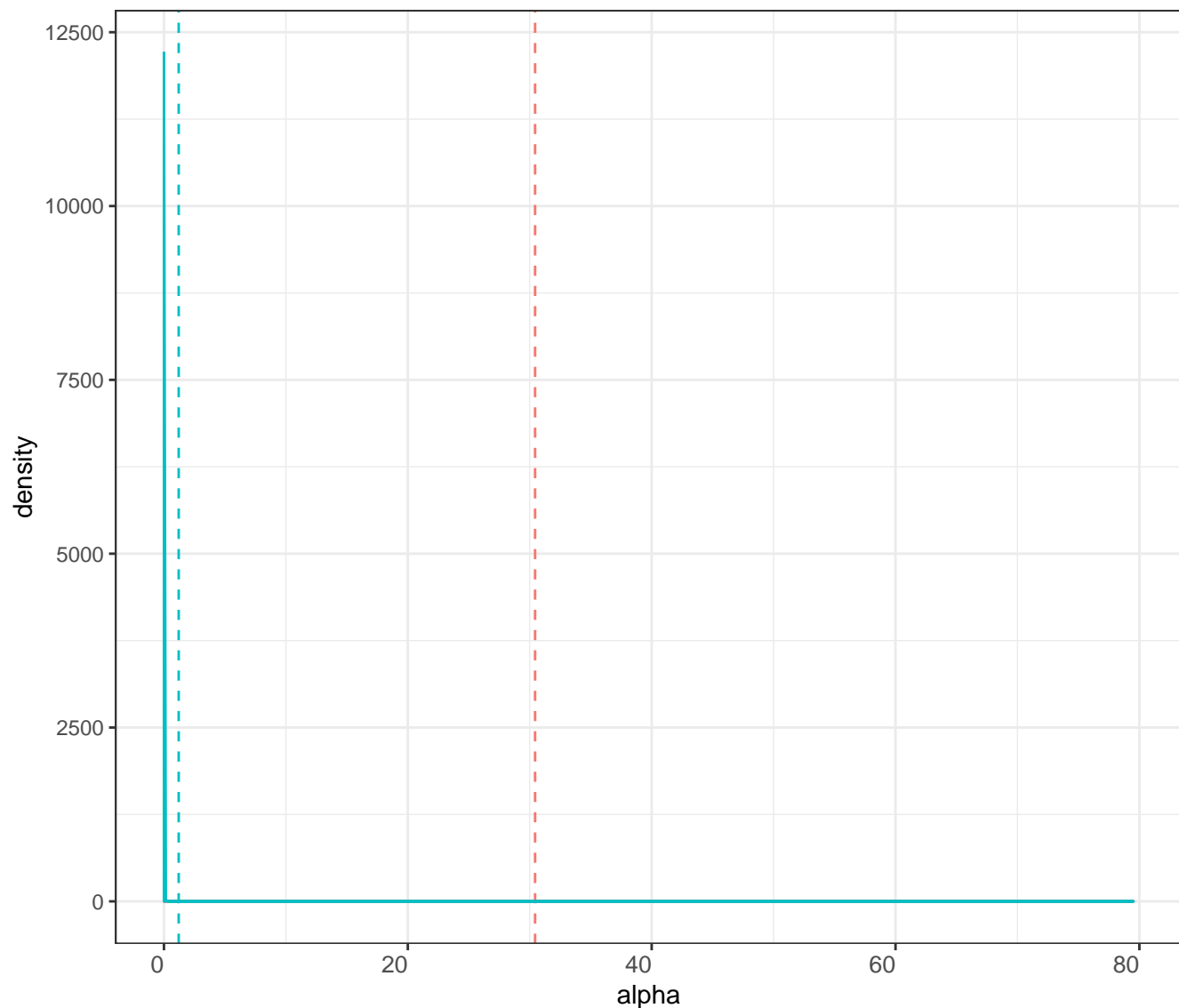
Trace plot for the number of groups K for S=20 r=20 true K=4 type=1

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

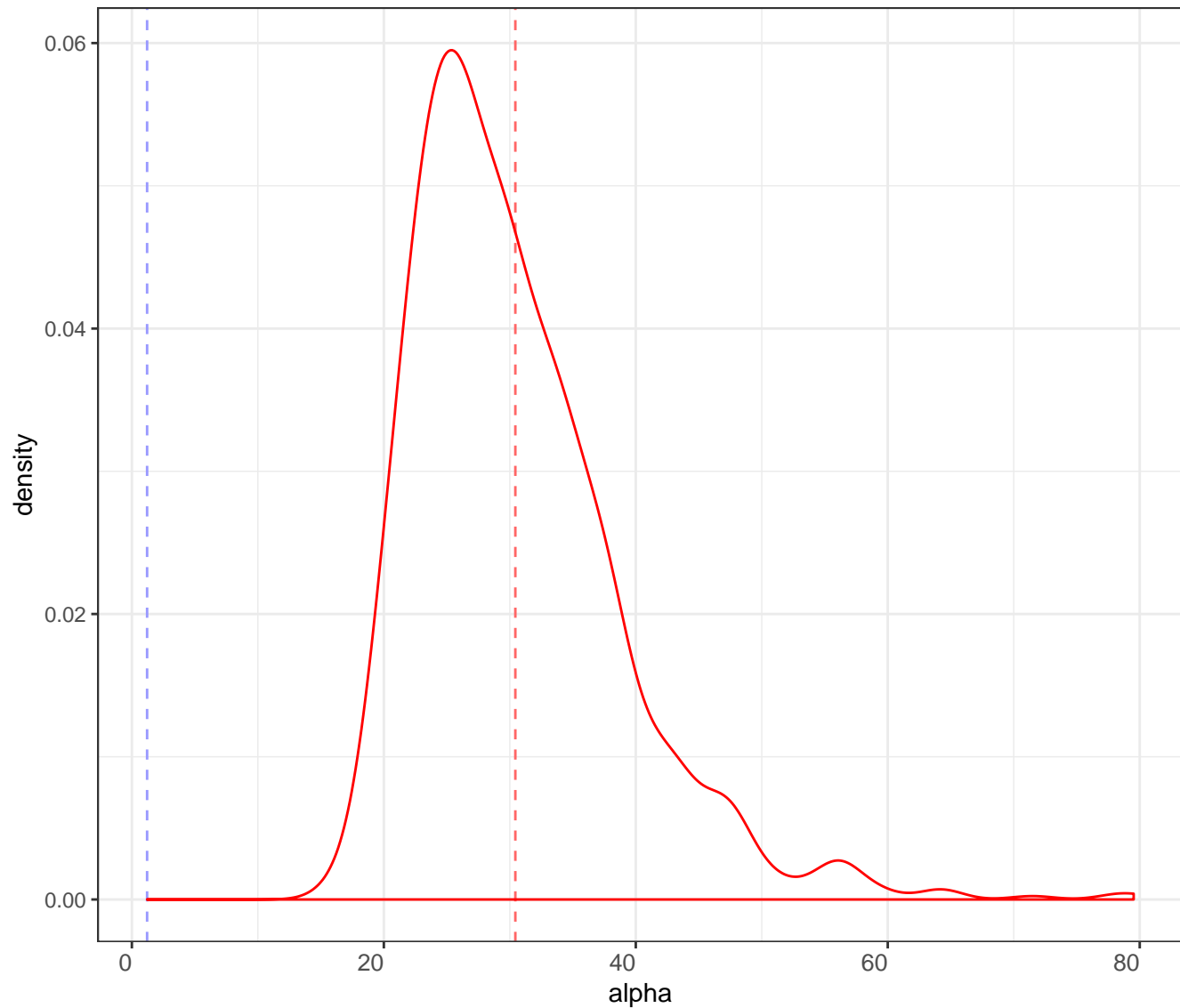Distribution alpha: S=20 ,r=20 true gr K=4 ,type=1 ,N=150

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

Posterior distribution for alpha
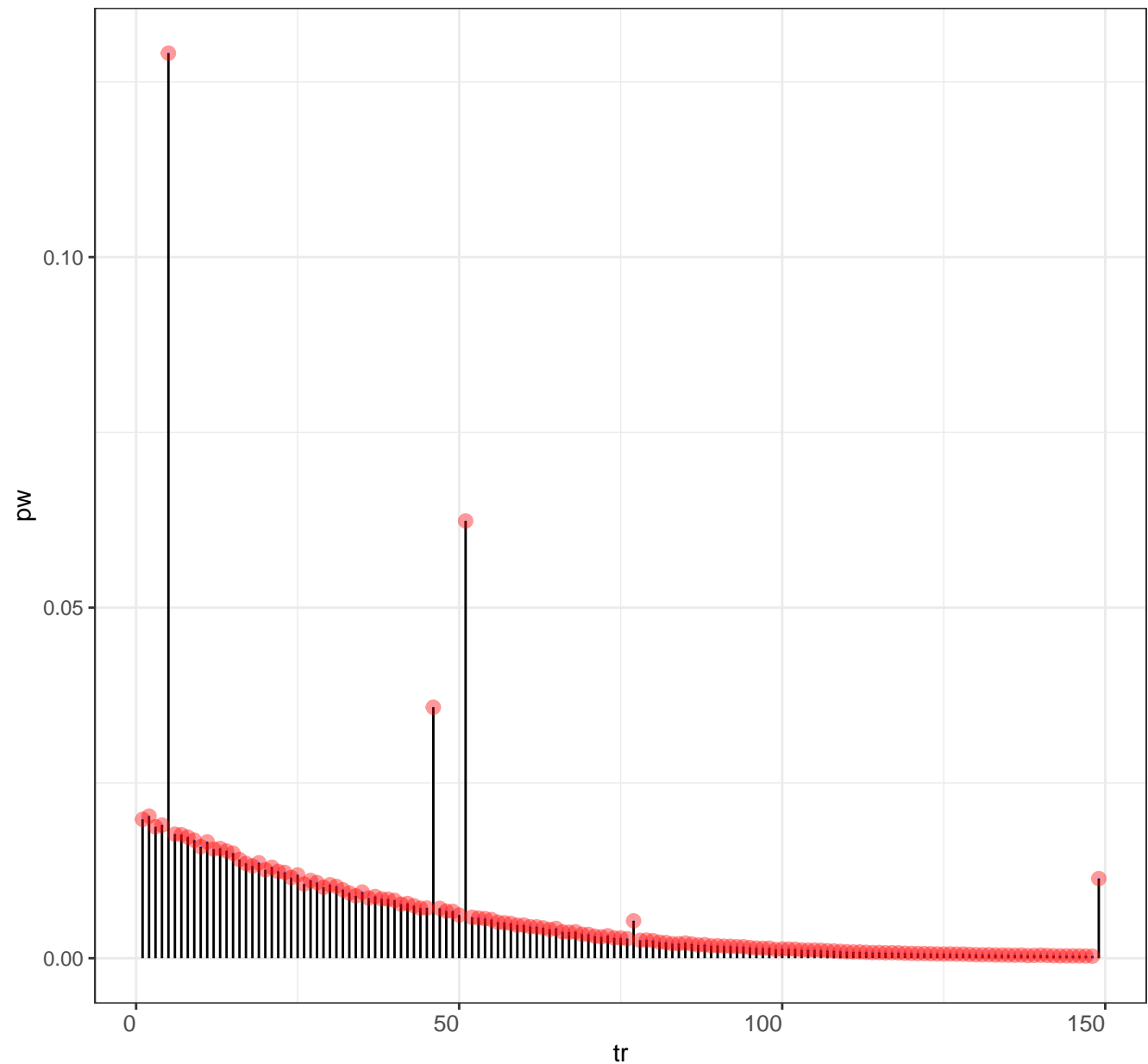
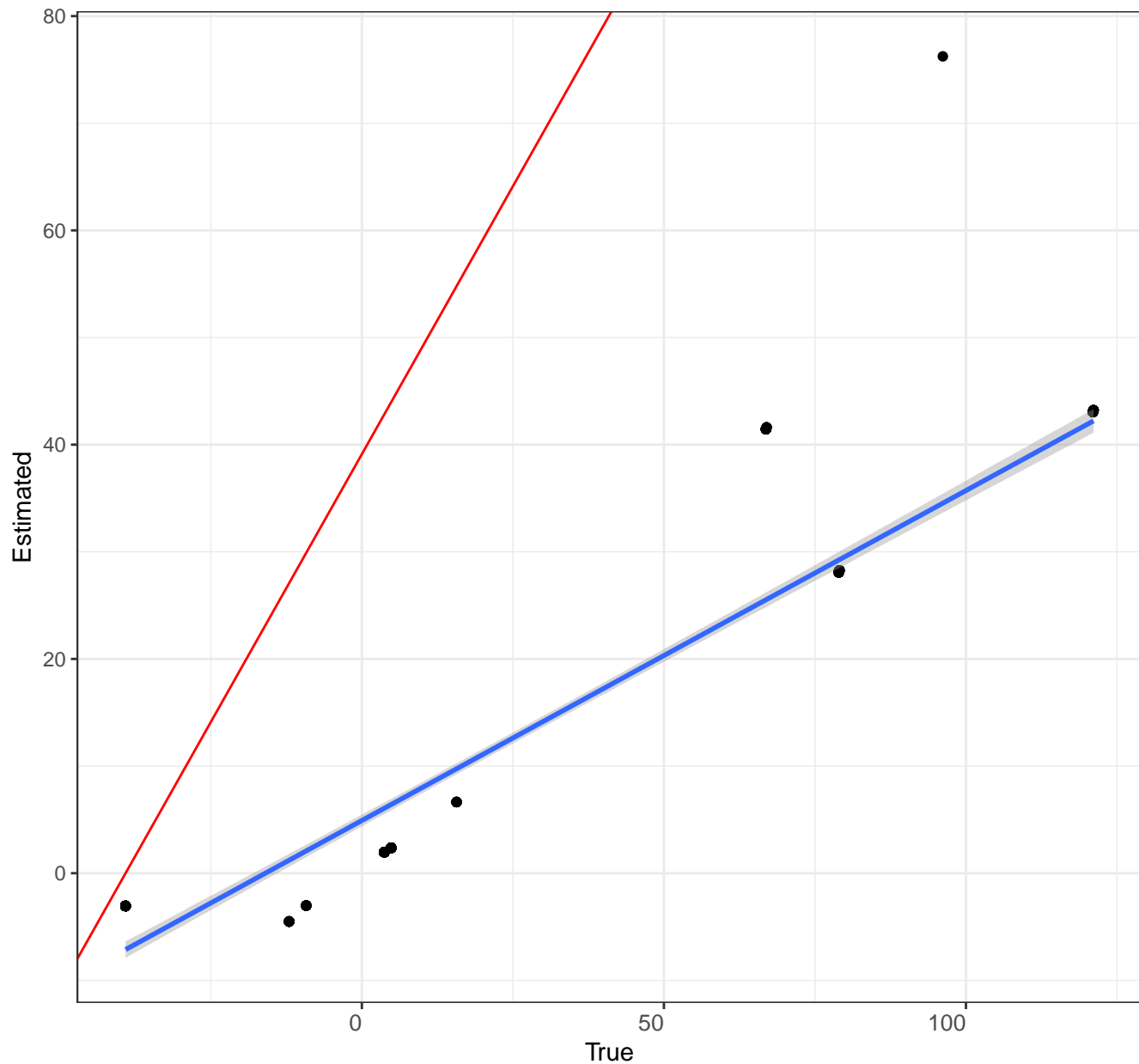Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=20 true gr K=4 ,type=1 ,N=150

Weights for the case: S=20 ,r=20 true gr K=4 ,type=1 ,N=150 pN=0.011

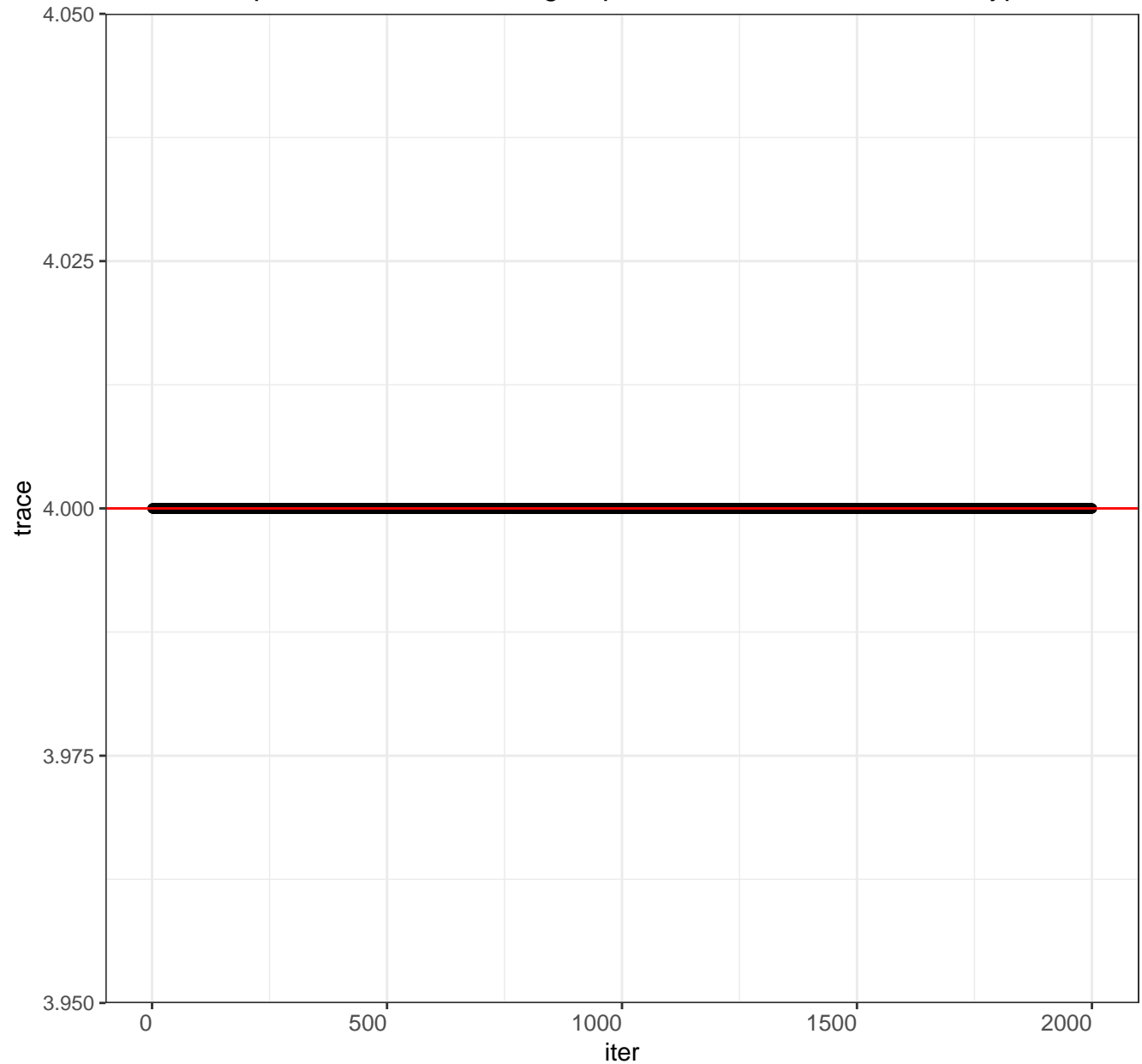Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=20 r=20 true K=4 type=1
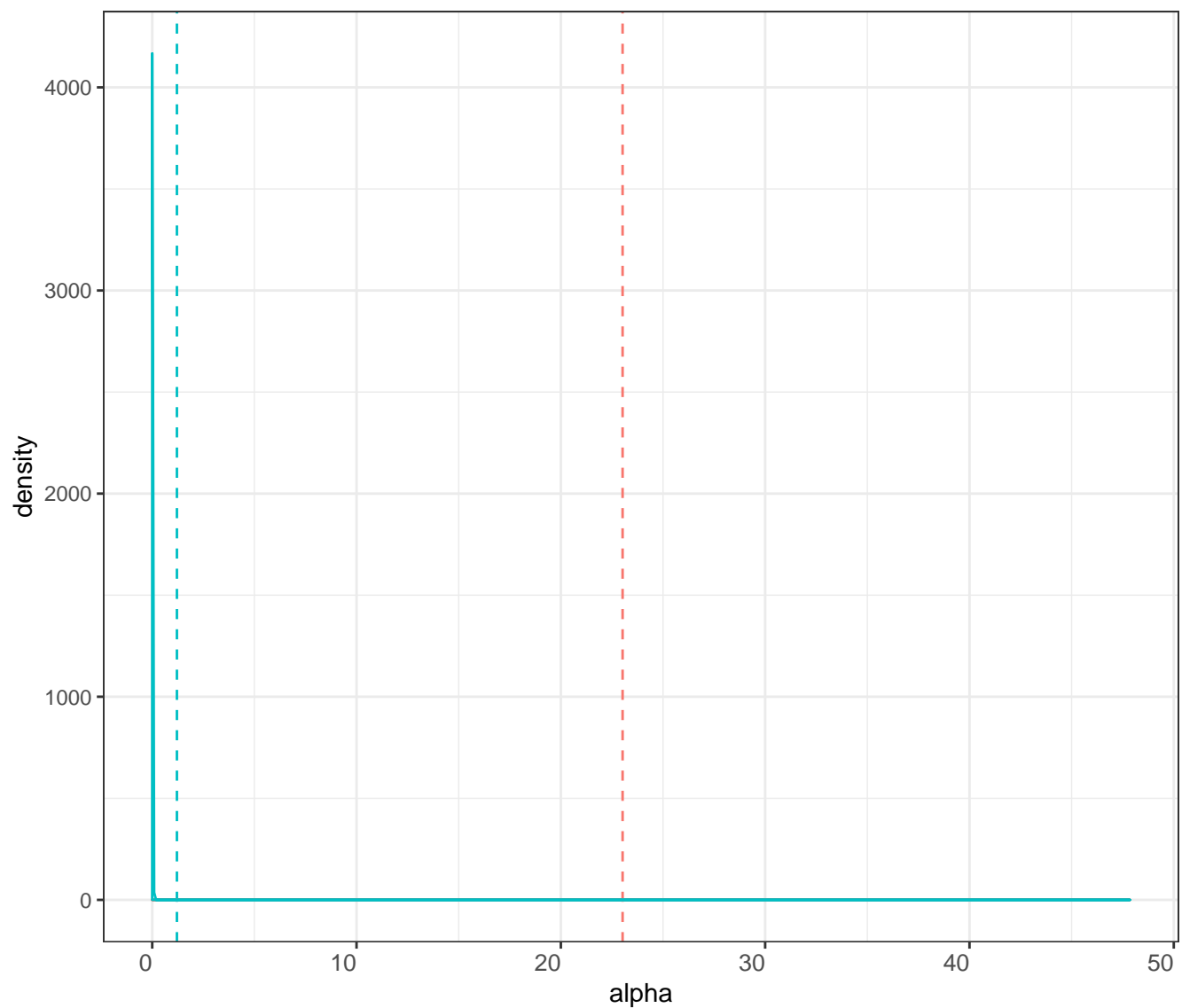
Trace plot for the number of groups K for S=20 r=20 true K=4 type=1

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

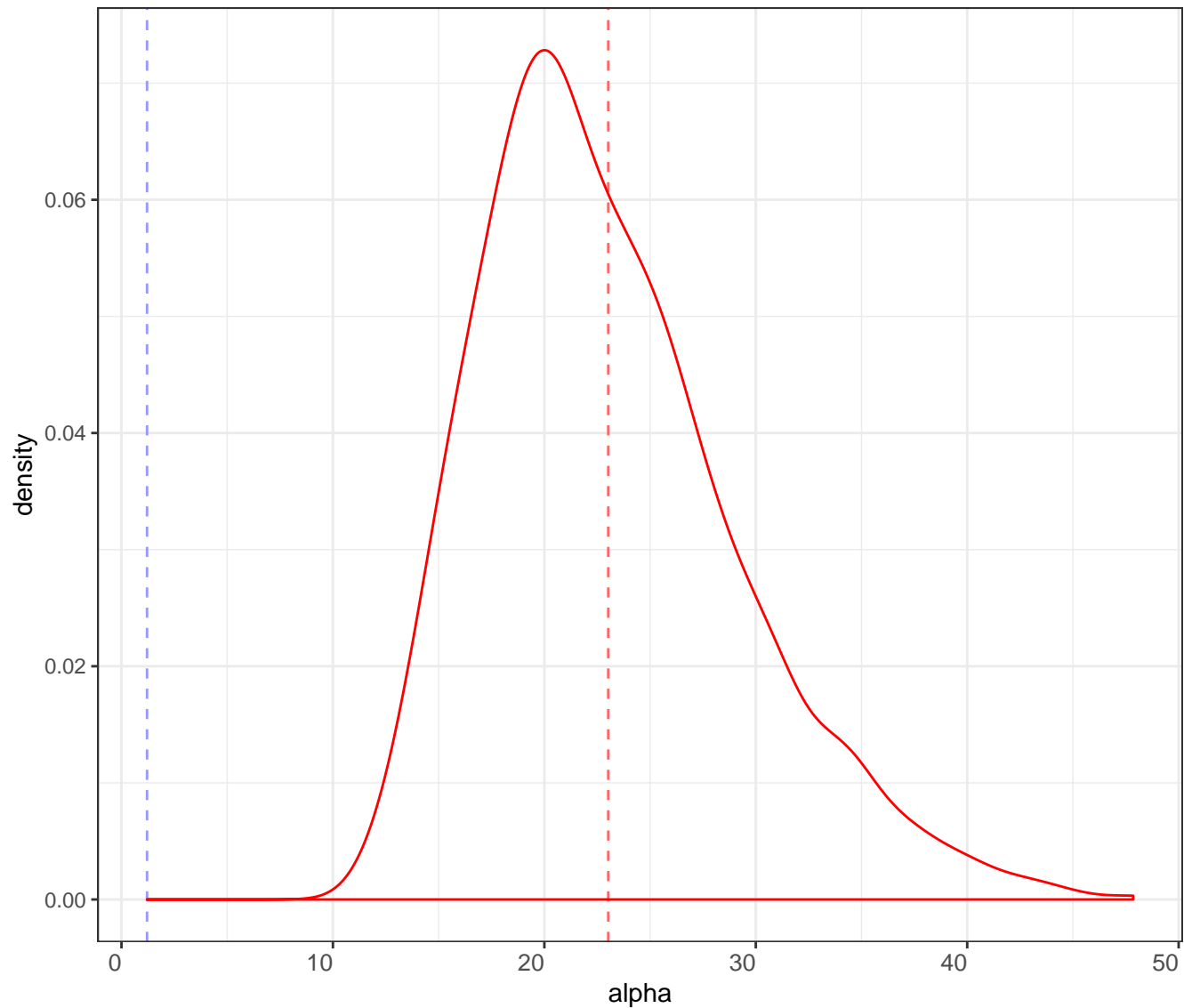Distribution alpha: S=20 ,r=20 true gr K=4 ,type=1 ,N=150

type — posterior — prior

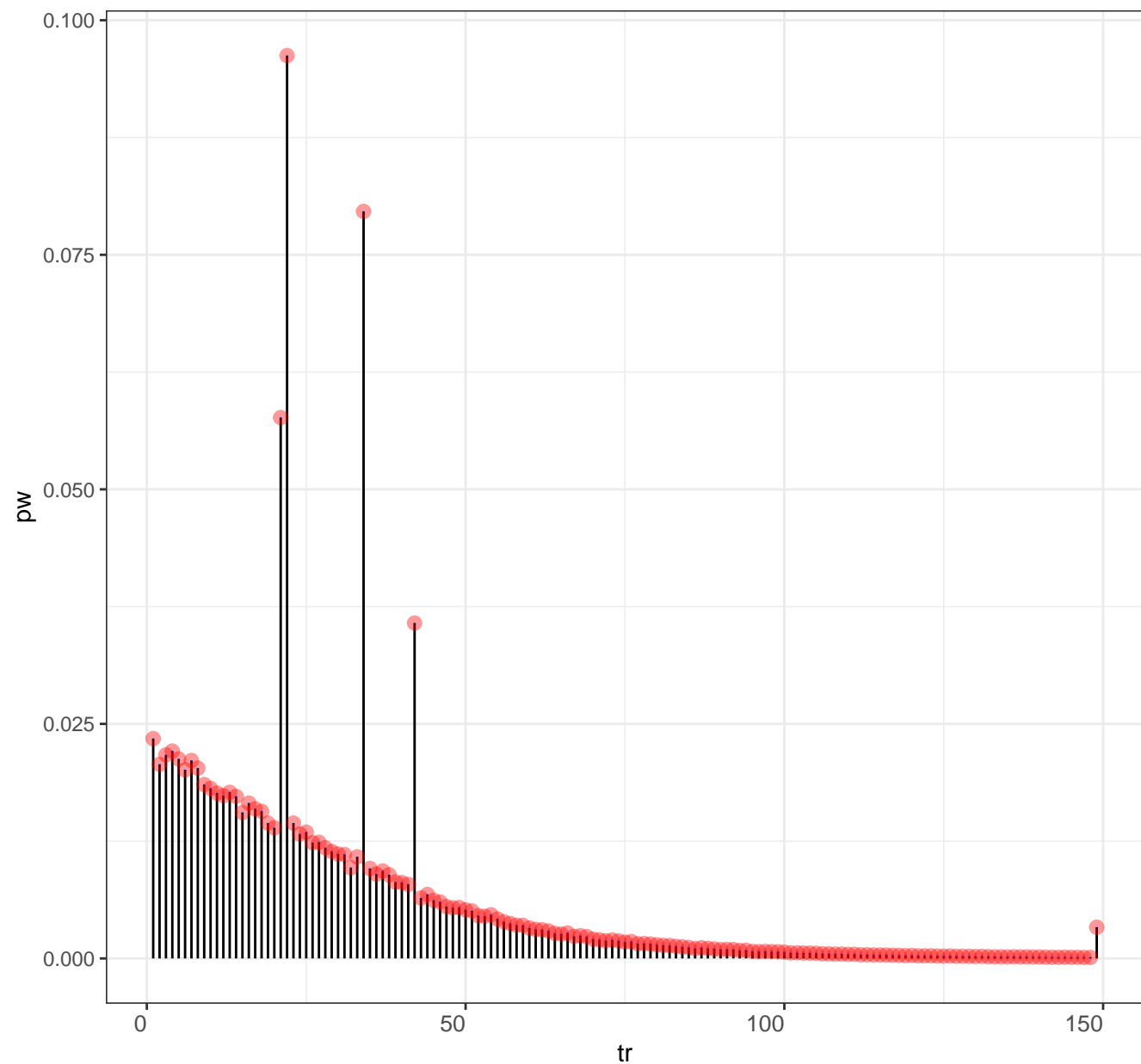Number of iterations: 2000 burnin: 1000 number of samples: 500
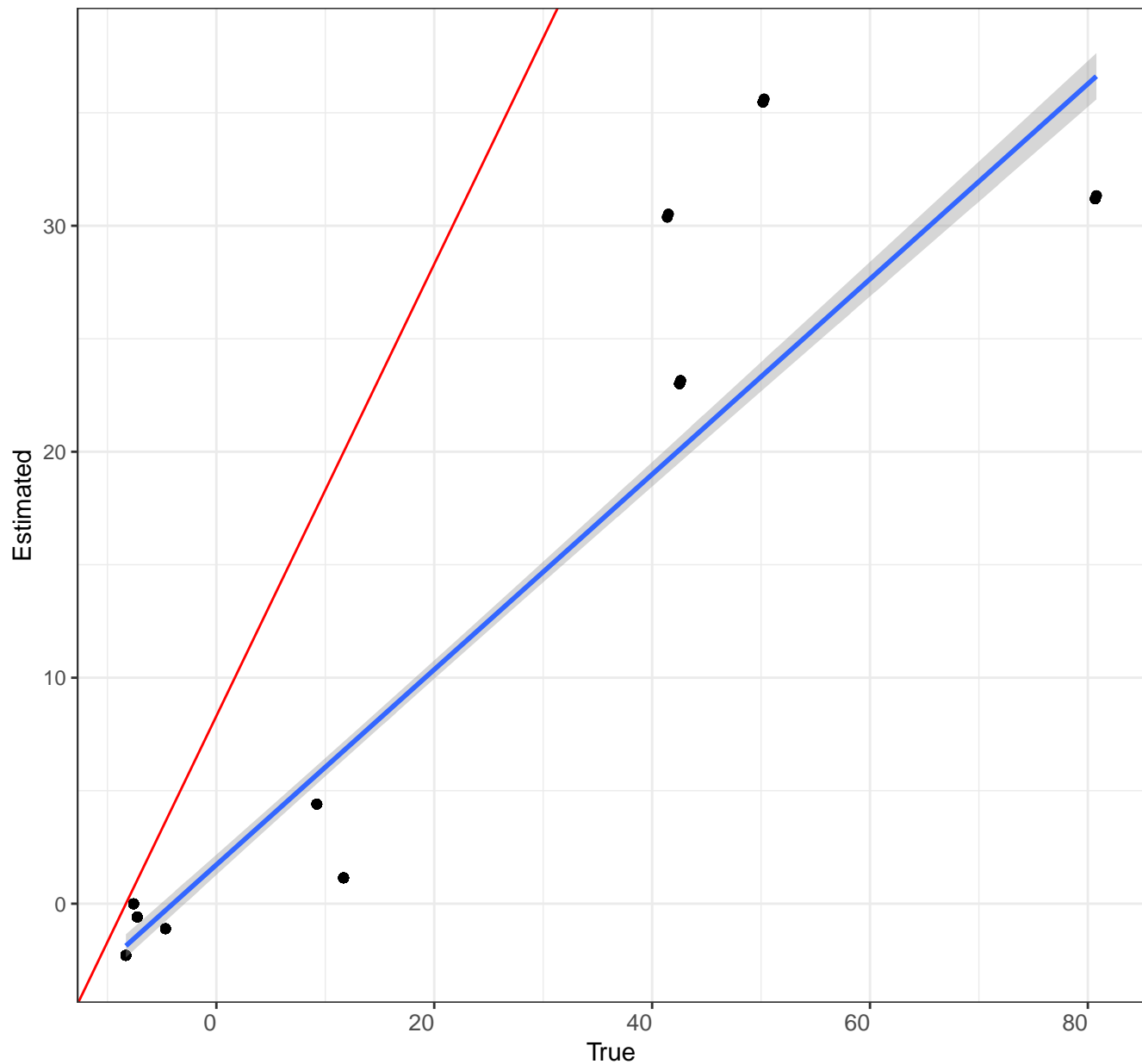
Posterior distribution for alpha

Number of iterations: 2000 burnin: 1000 number of samples: 500 S=20 ,r=20 true gr K=4 ,type=1 ,N=150

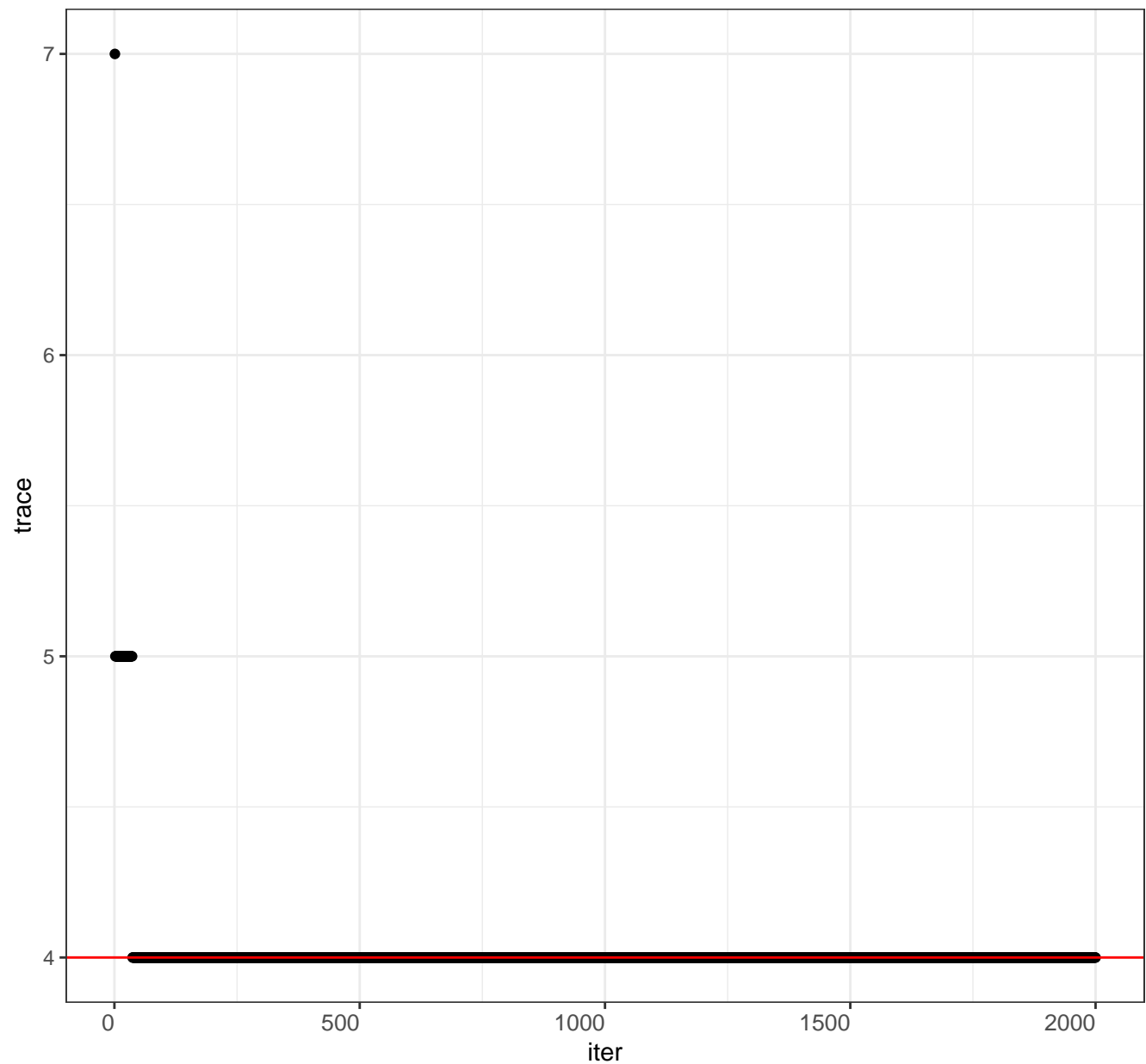Weights for the case: S=20 ,r=20 true gr K=4 ,type=1 ,N=150 pN=0.003

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

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=20 r=20 true K=4 type=1
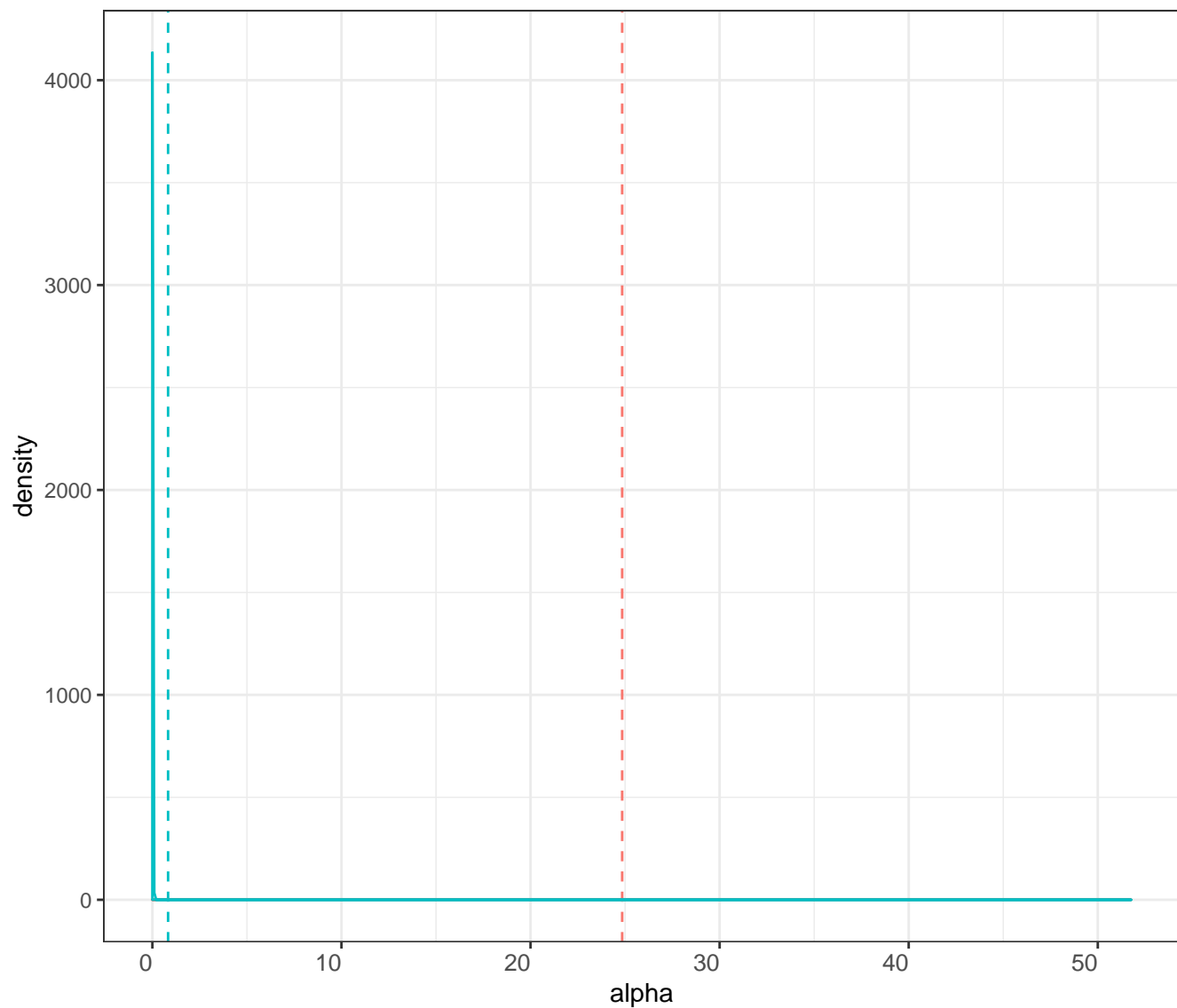
Trace plot for the number of groups K for S=50 r=5 true K=4 type=1

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

Distribution alpha: S=50 ,r=5 true gr K=4 ,type=1 ,N=150

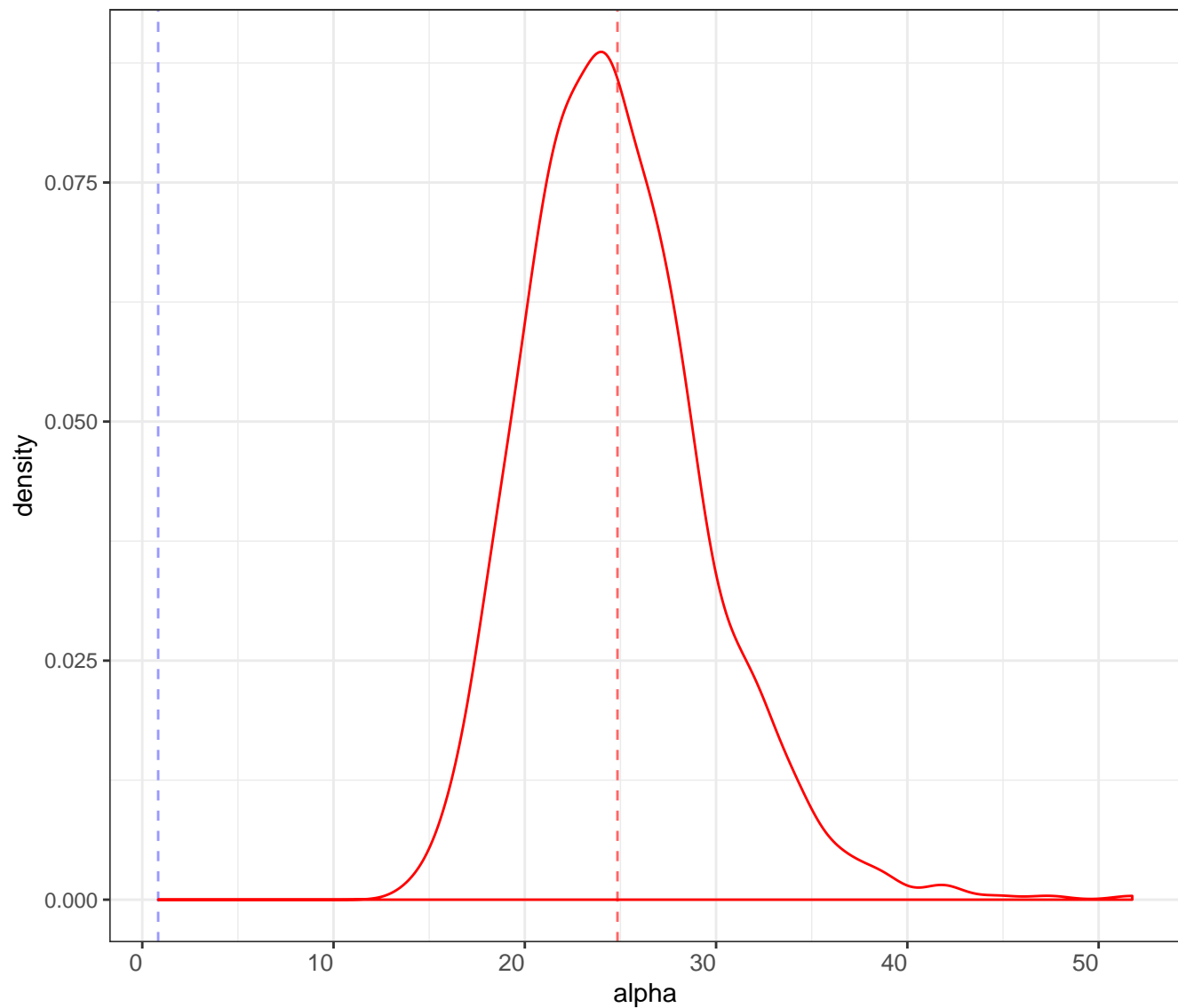Number of iterations: 2000 burnin: 1000 number of samples: 500

Posterior distribution for alpha
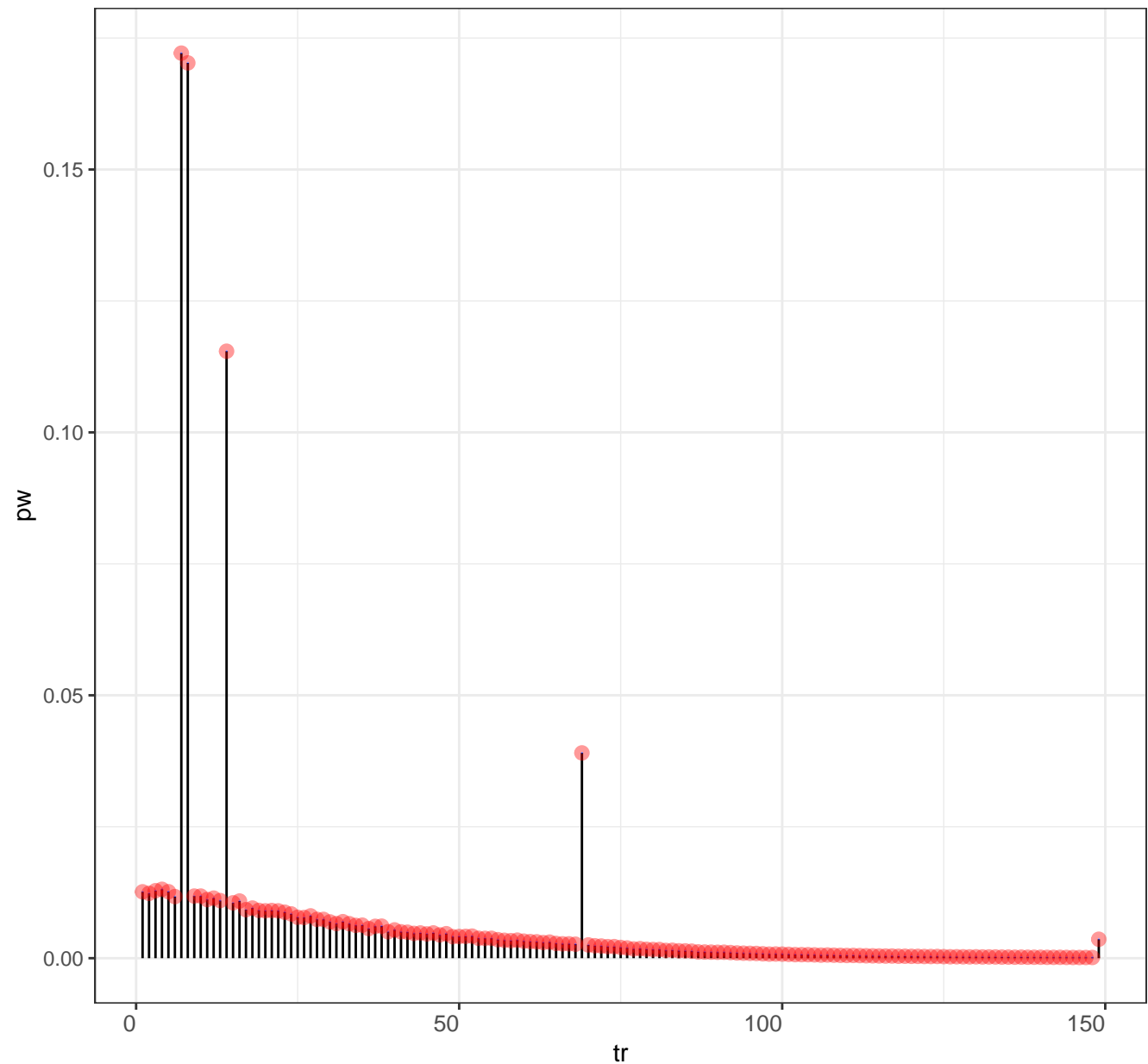
Legend | posterior mean | prior mean

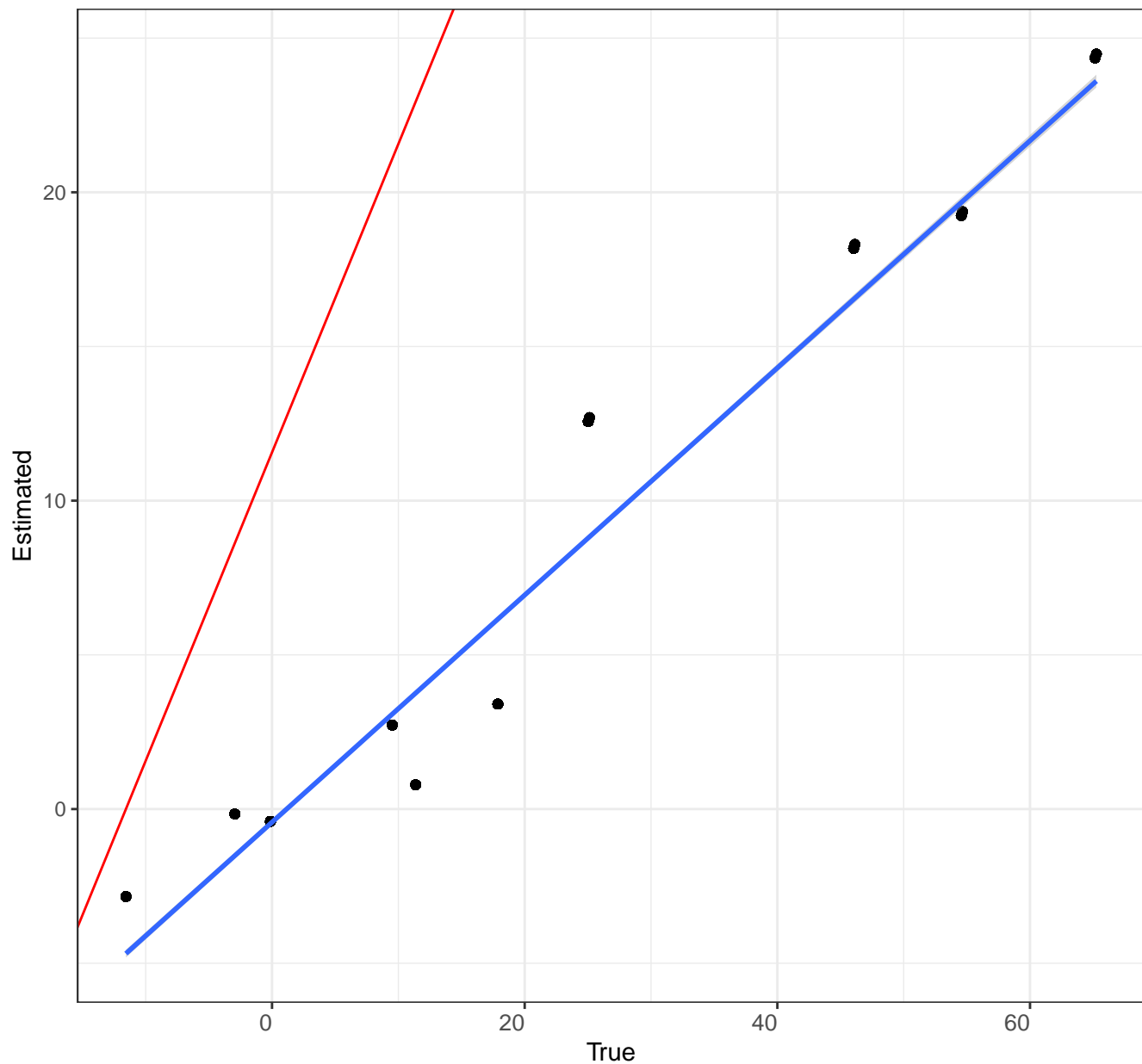Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=5 true gr K=4 ,type=1 ,N=150

Weights for the case: S=50 ,r=5 true gr K=4 ,type=1 ,N=150 pN=0.004
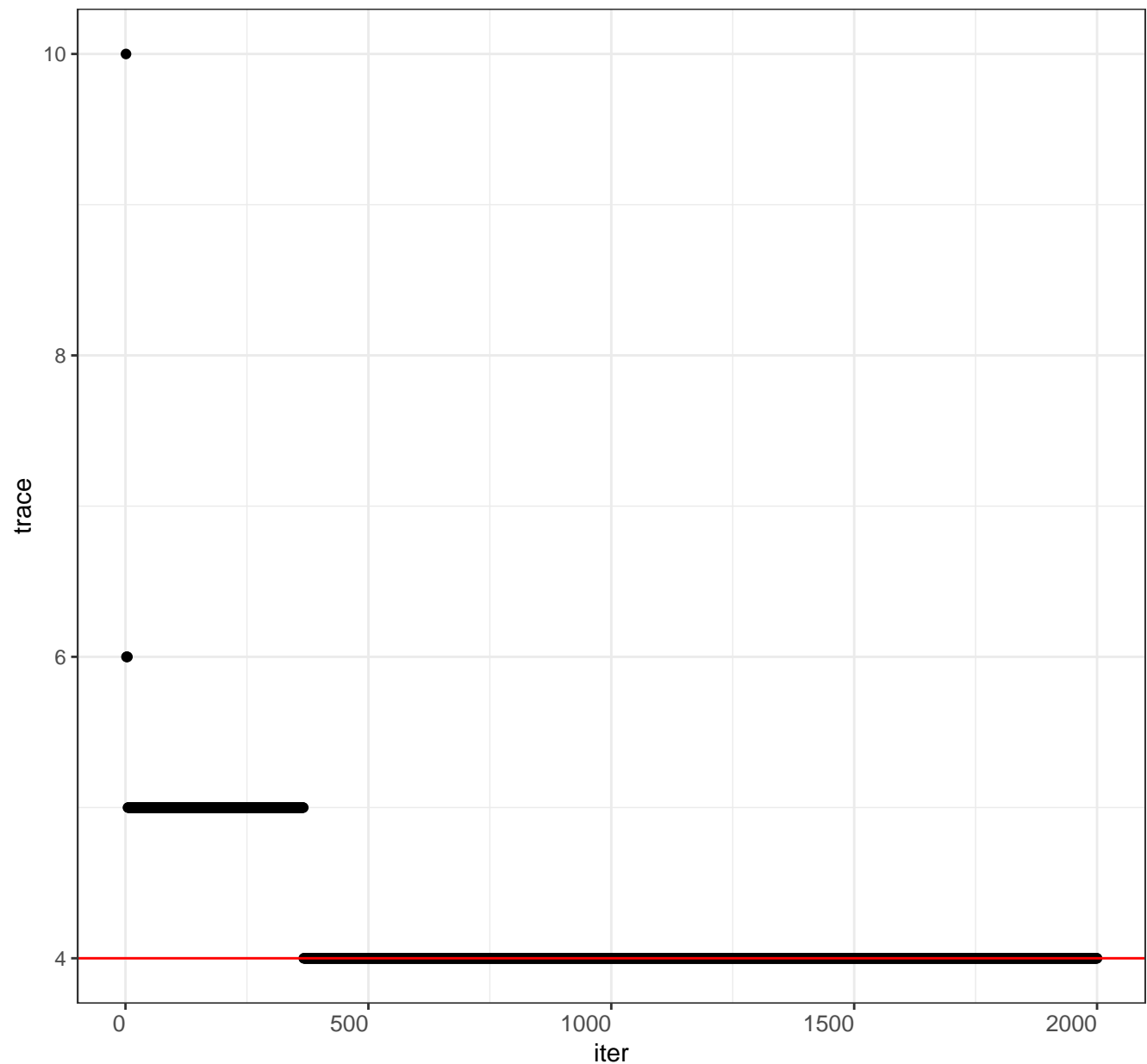
Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=50 r=5 true K=4 type=1
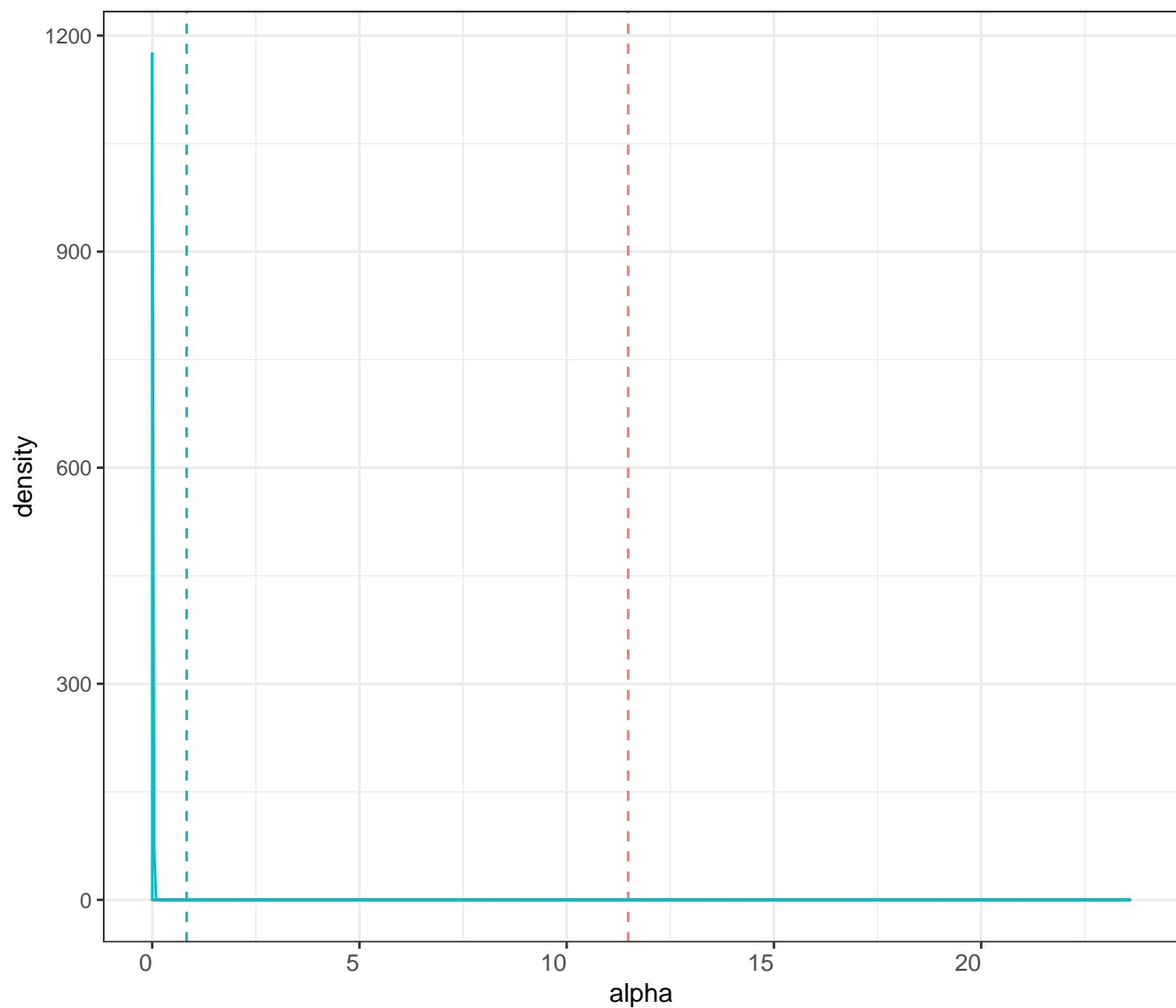
Trace plot for the number of groups K for S=50 r=5 true K=4 type=1

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

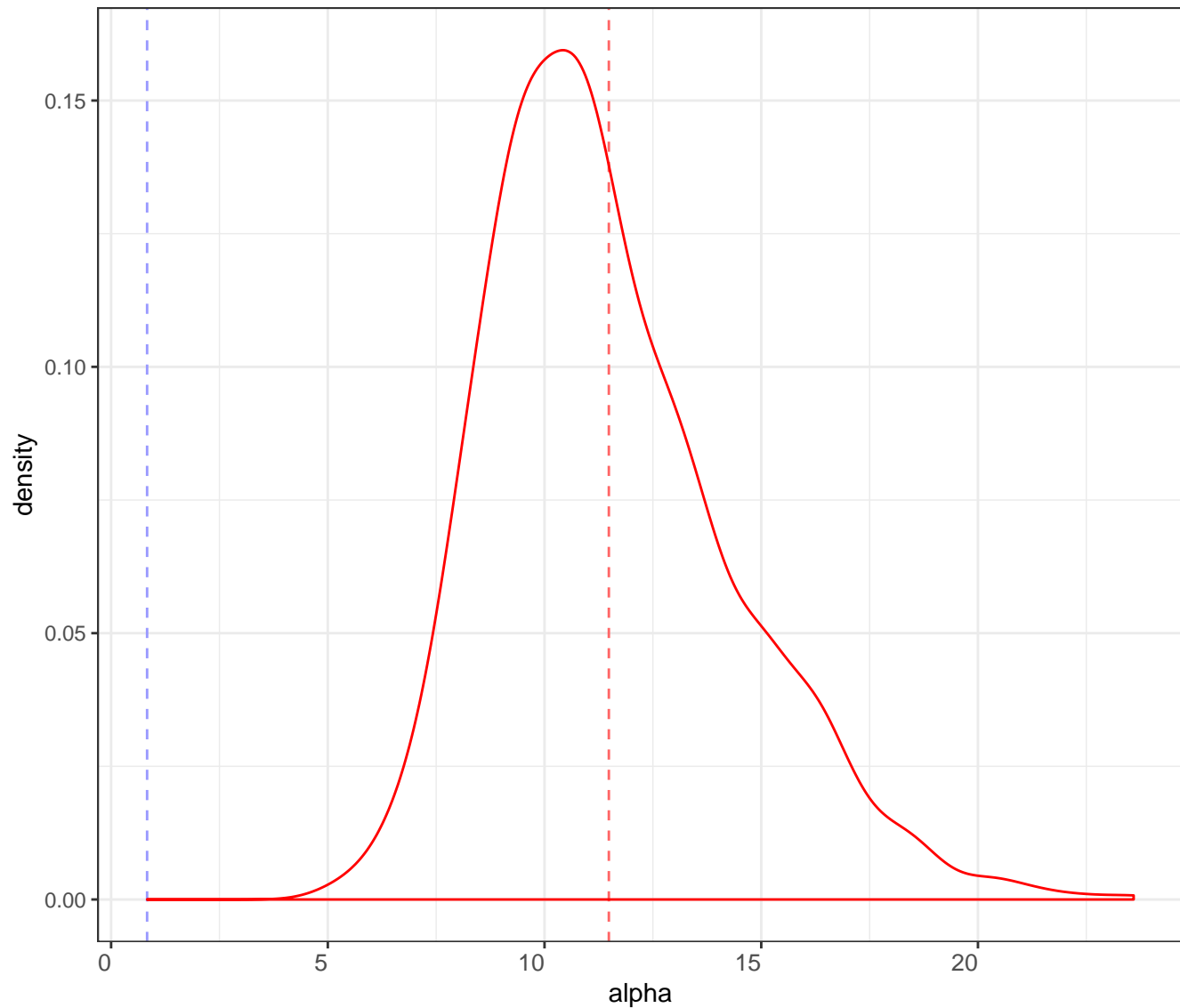Distribution alpha: S=50 ,r=5 true gr K=4 ,type=1 ,N=150

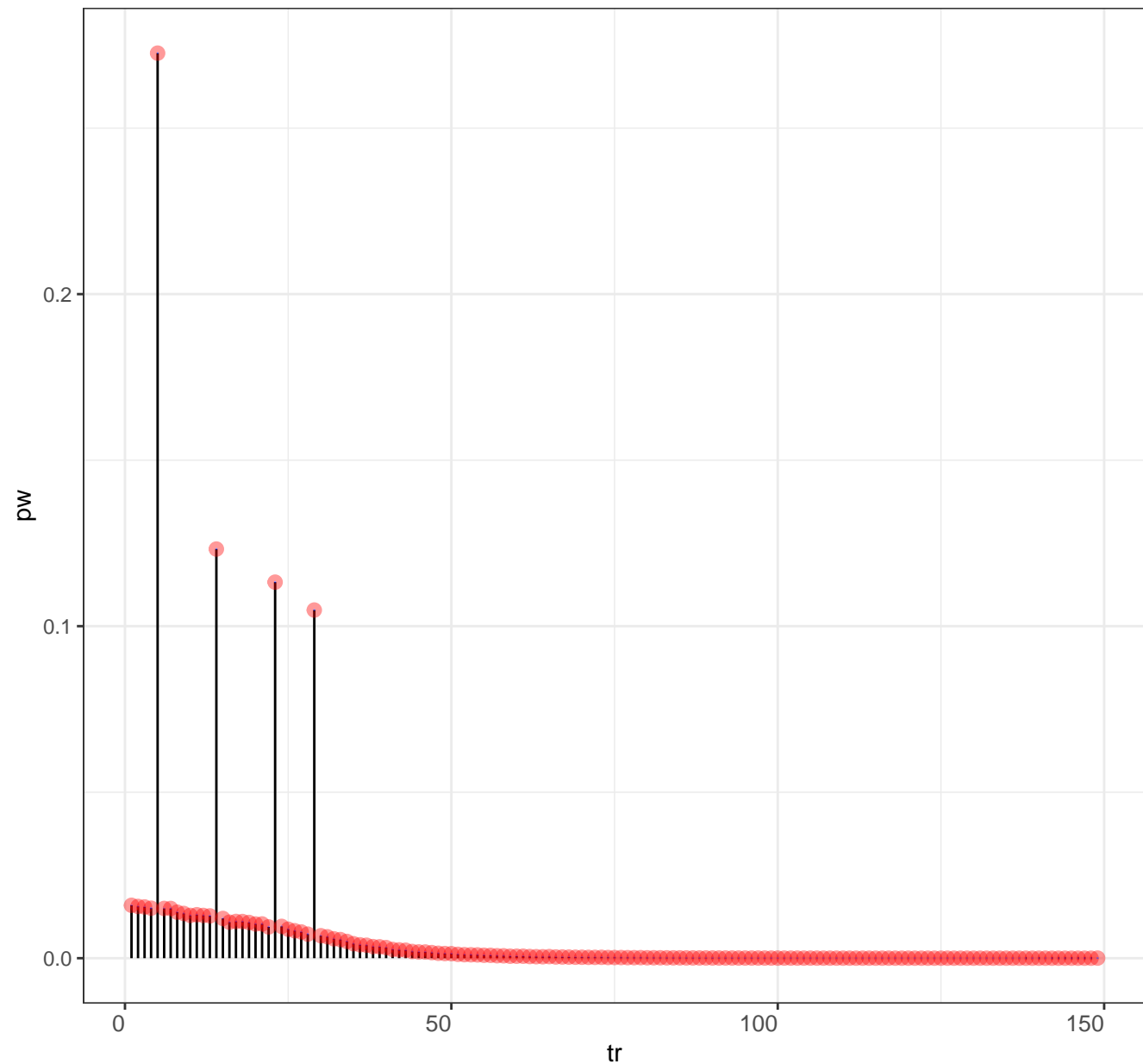Number of iterations: 2000 burnin: 1000 number of samples: 500

Posterior distribution for alpha

Legend — posterior mean — prior mean
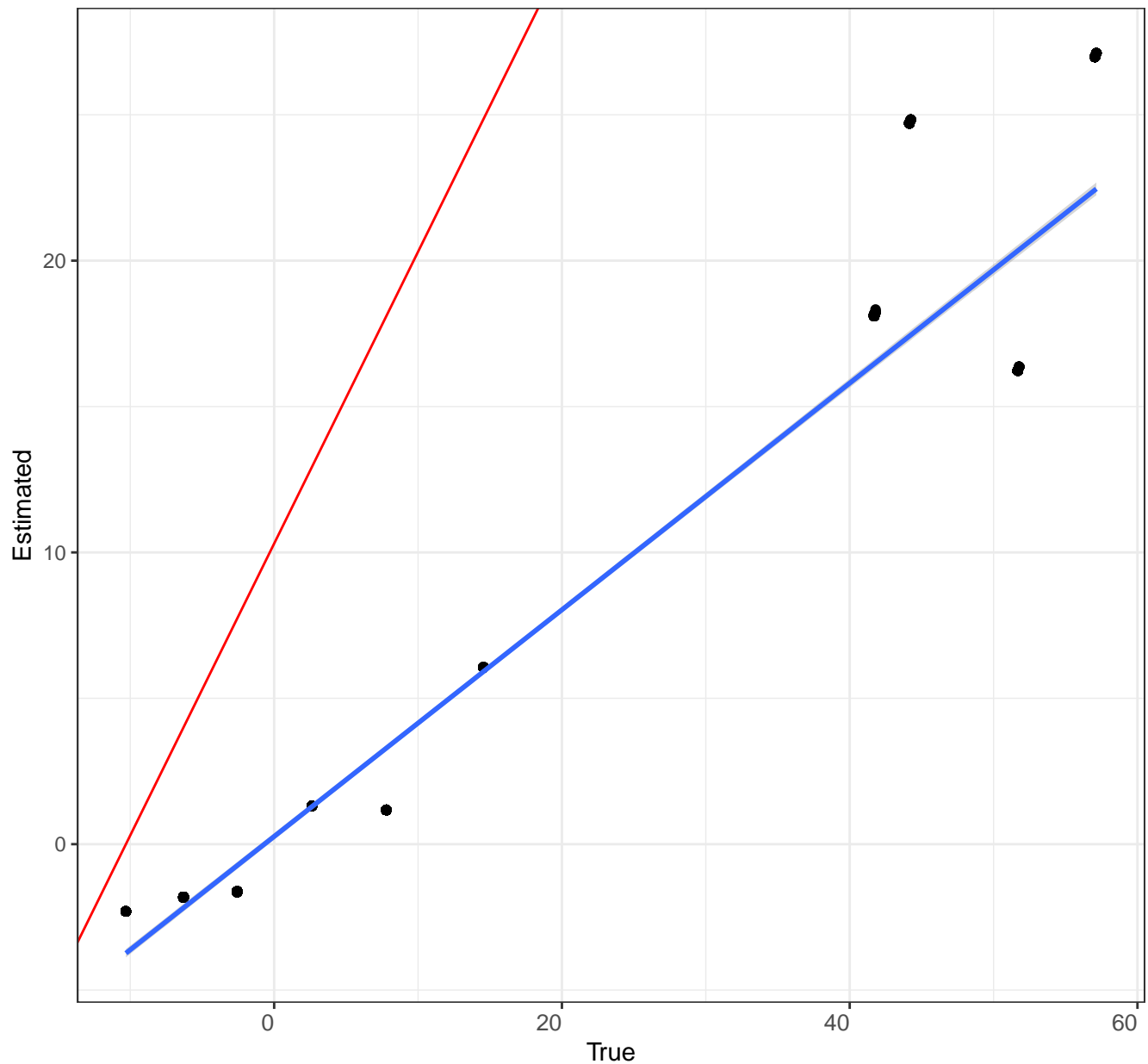
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=5 true gr K=4 ,type=1 ,N=150

Weights for the case: S=50 ,r=5 true gr K=4 ,type=1 ,N=150 pN=0

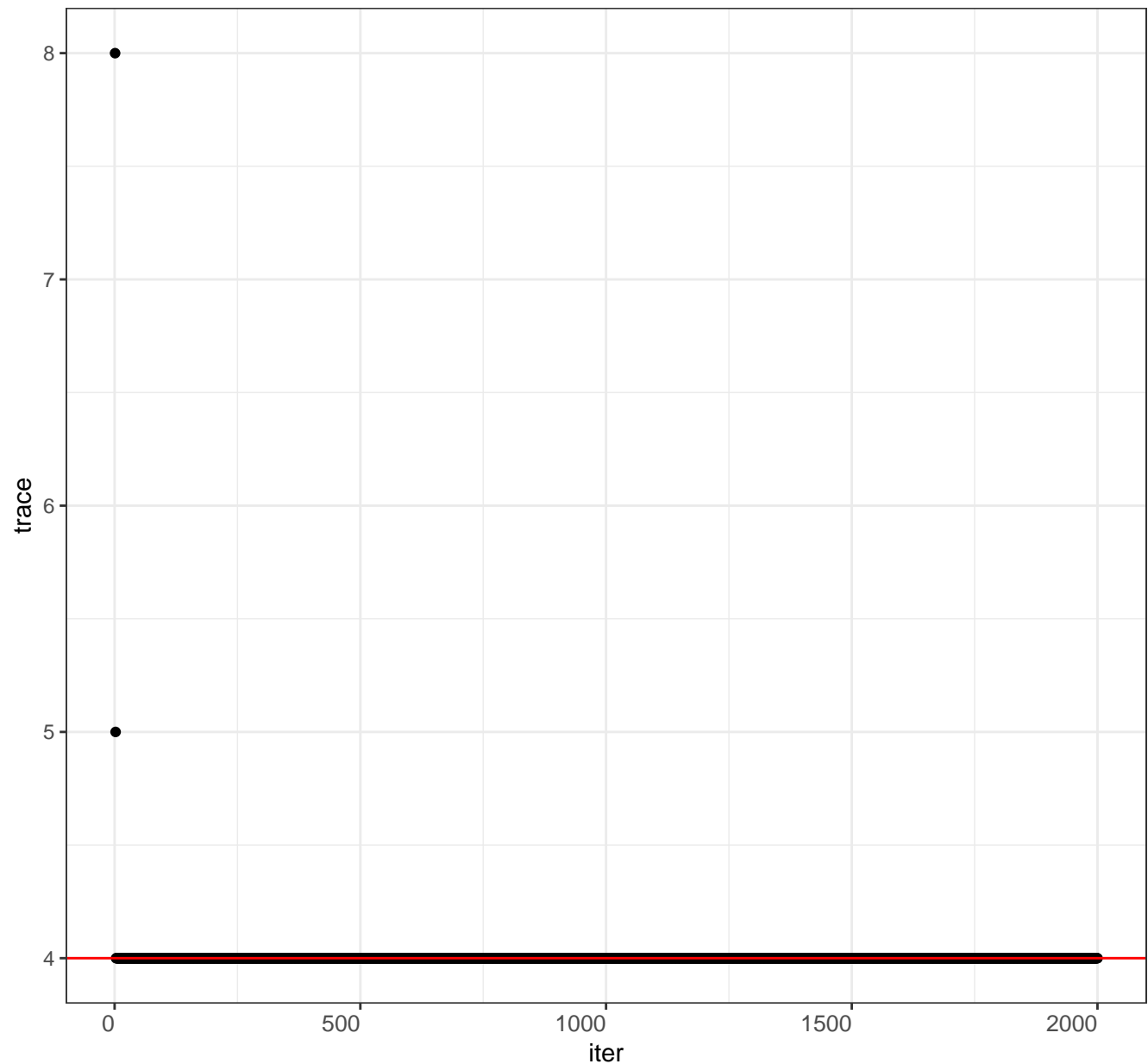Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=50 r=5 true K=4 type=1
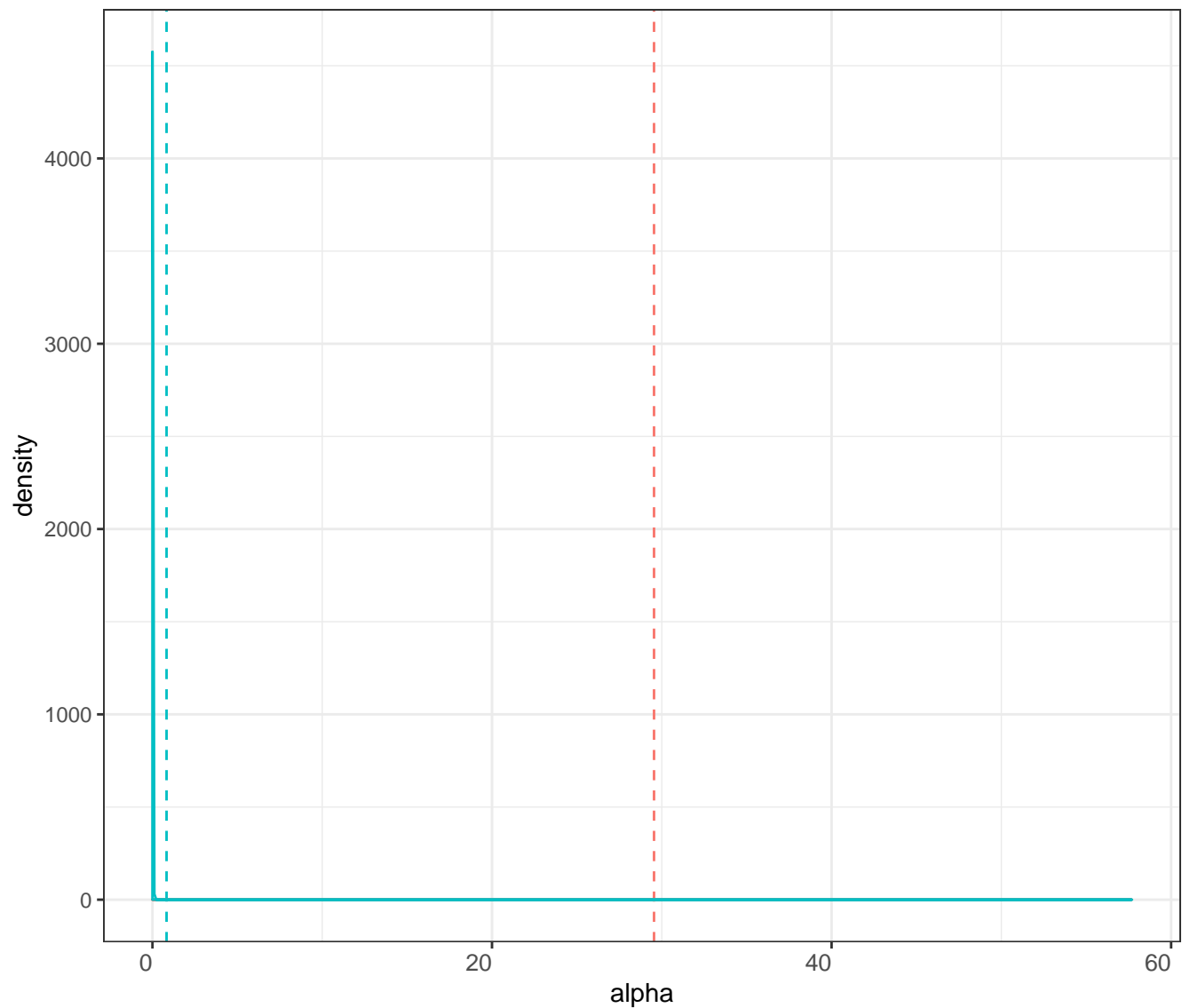
Trace plot for the number of groups K for S=50 r=5 true K=4 type=1

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

Distribution alpha: S=50 ,r=5 true gr K=4 ,type=1 ,N=150

type [posterior] [prior]

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

Posterior distribution for alpha

Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=5 true gr K=4 ,type=1 ,N=150

Weights for the case: S=50 ,r=5 true gr K=4 ,type=1 ,N=150 pN=0.009

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

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=50 r=5 true K=4 type=1

Trace plot for the number of groups K for S=50 r=5 true K=4 type=1

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

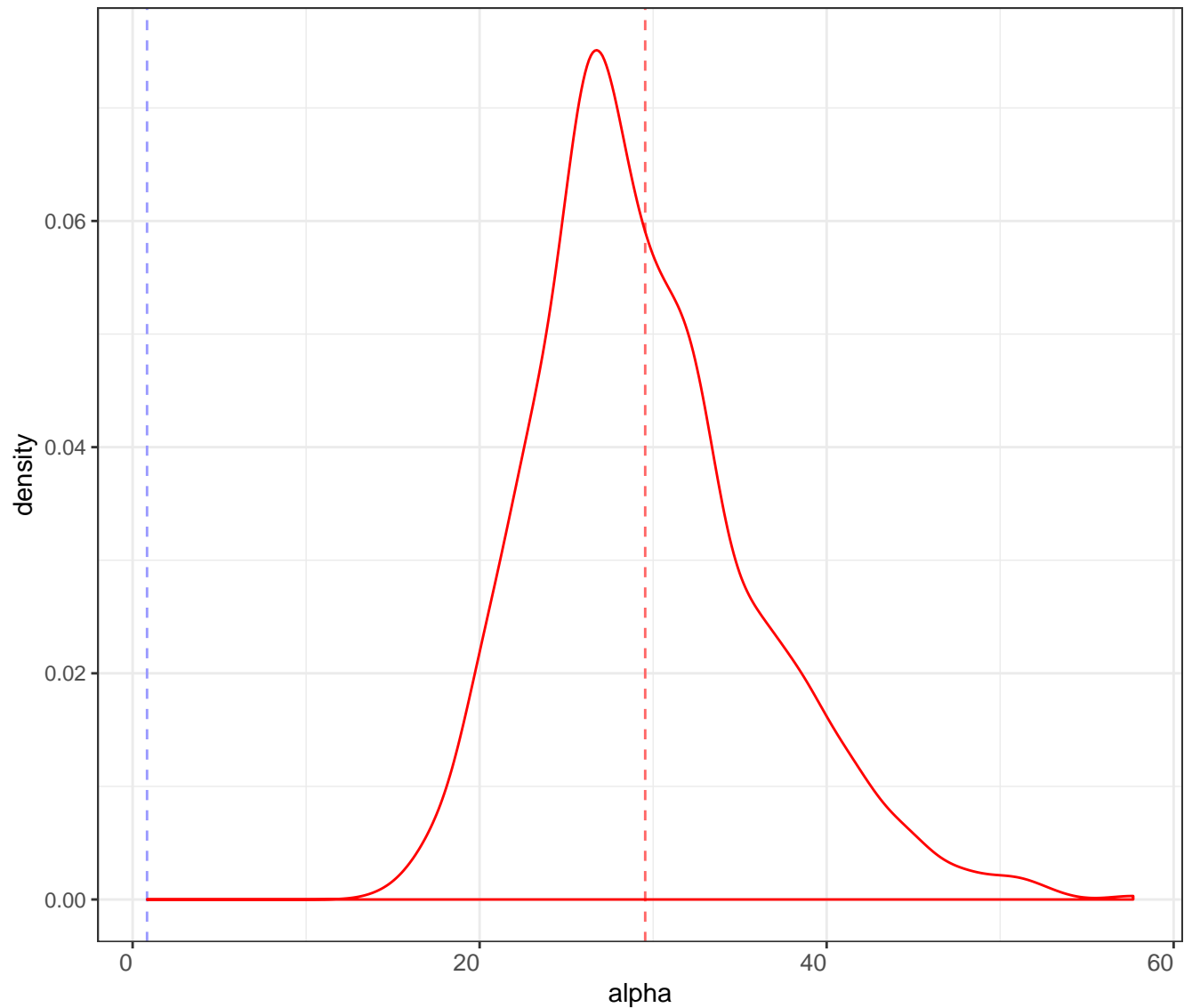Distribution alpha: S=50 ,r=5 true gr K=4 ,type=1 ,N=150

type ⌐ posterior ⌐ prior

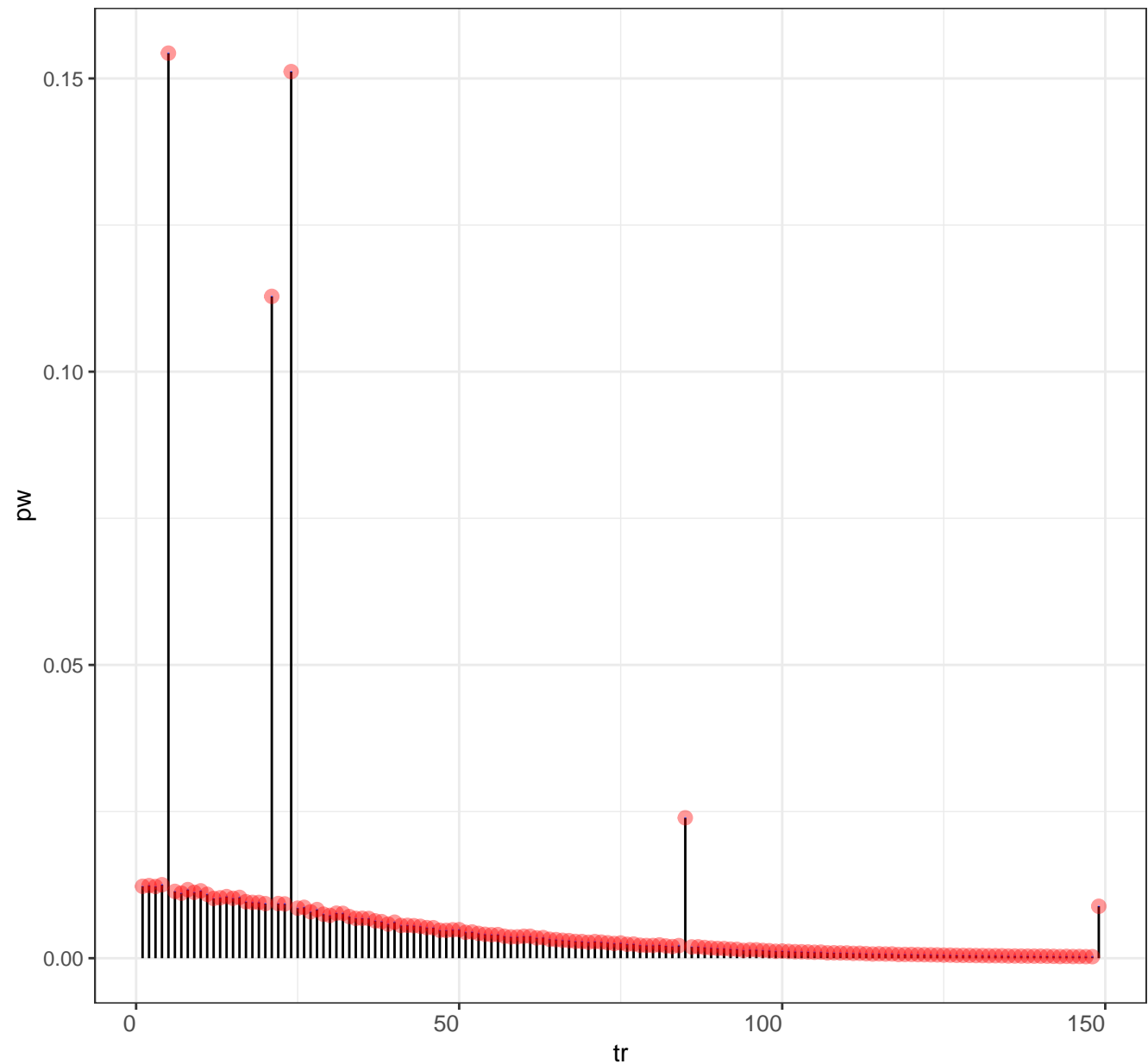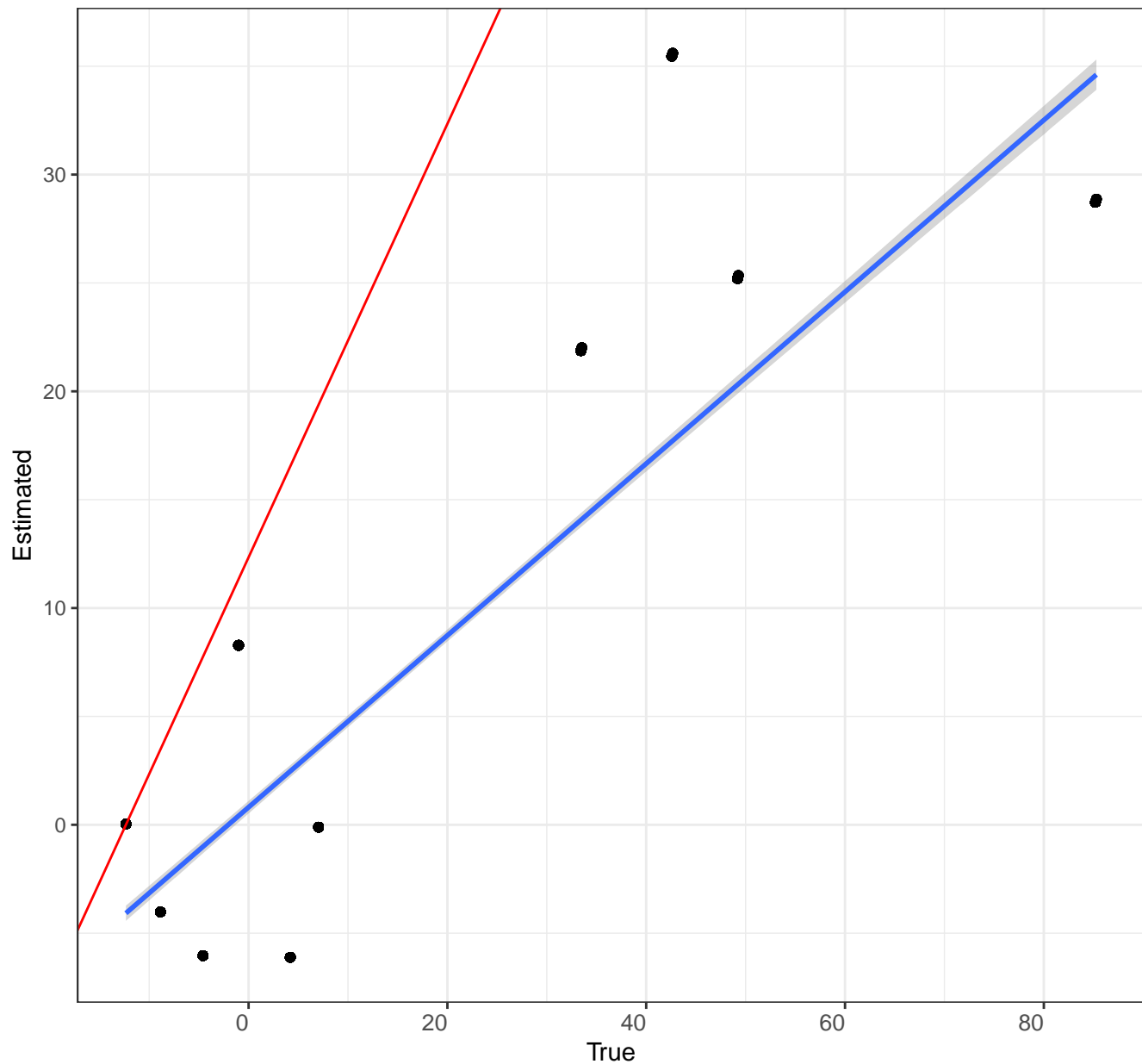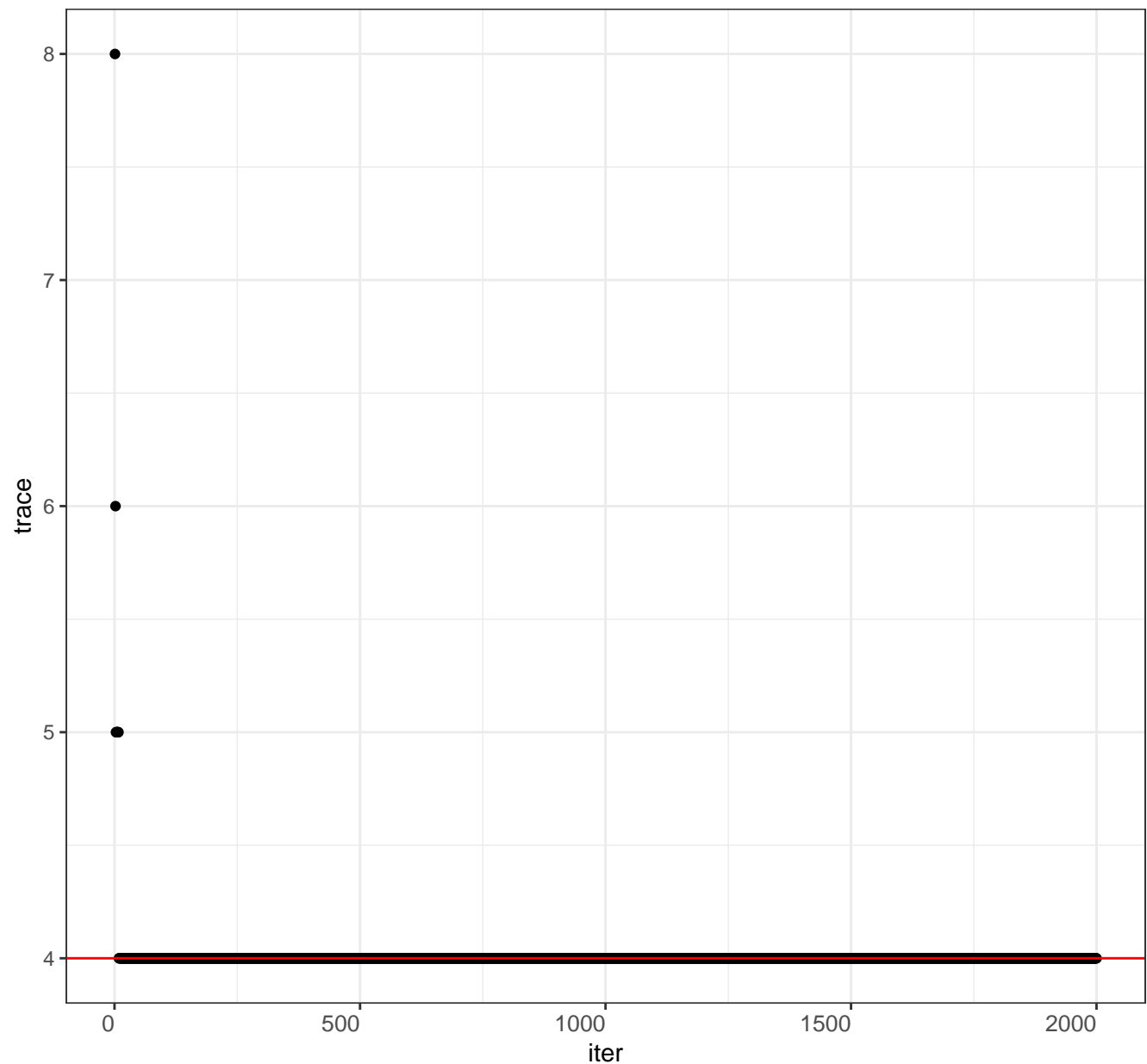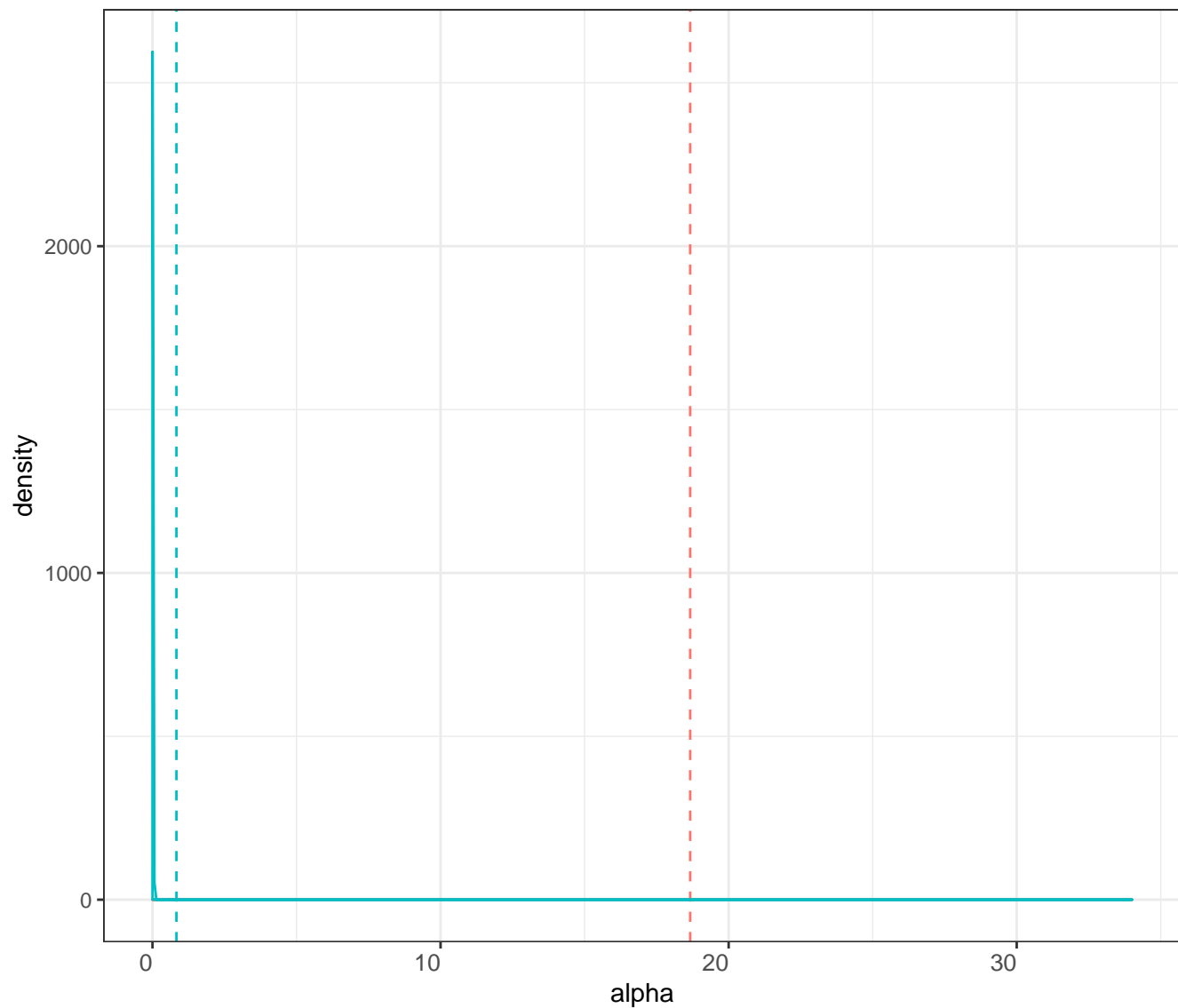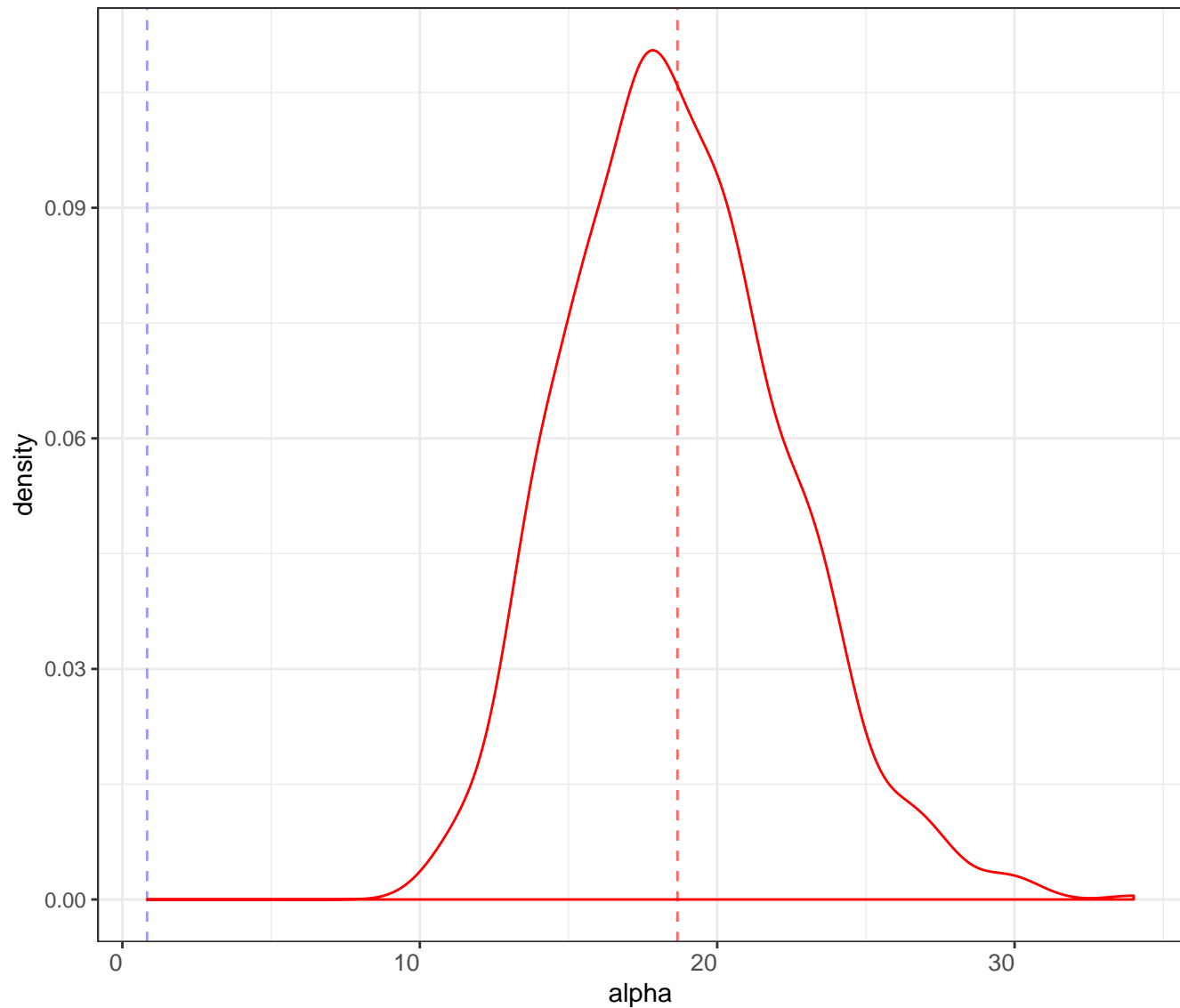Number of iterations: 2000 burnin: 1000 number of samples: 500
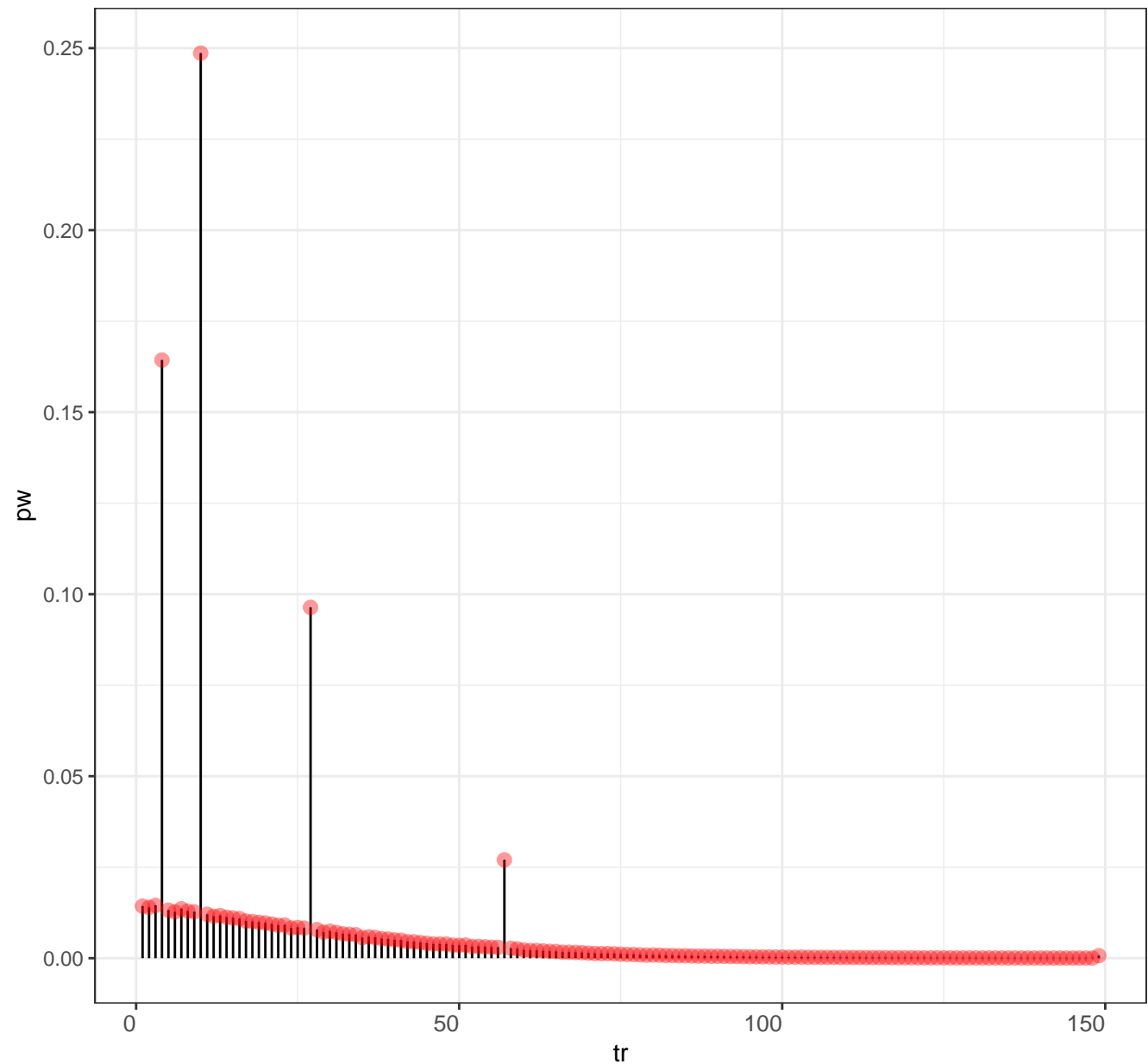
Posterior distribution for alpha

Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=5 true gr K=4 ,type=1 ,N=150
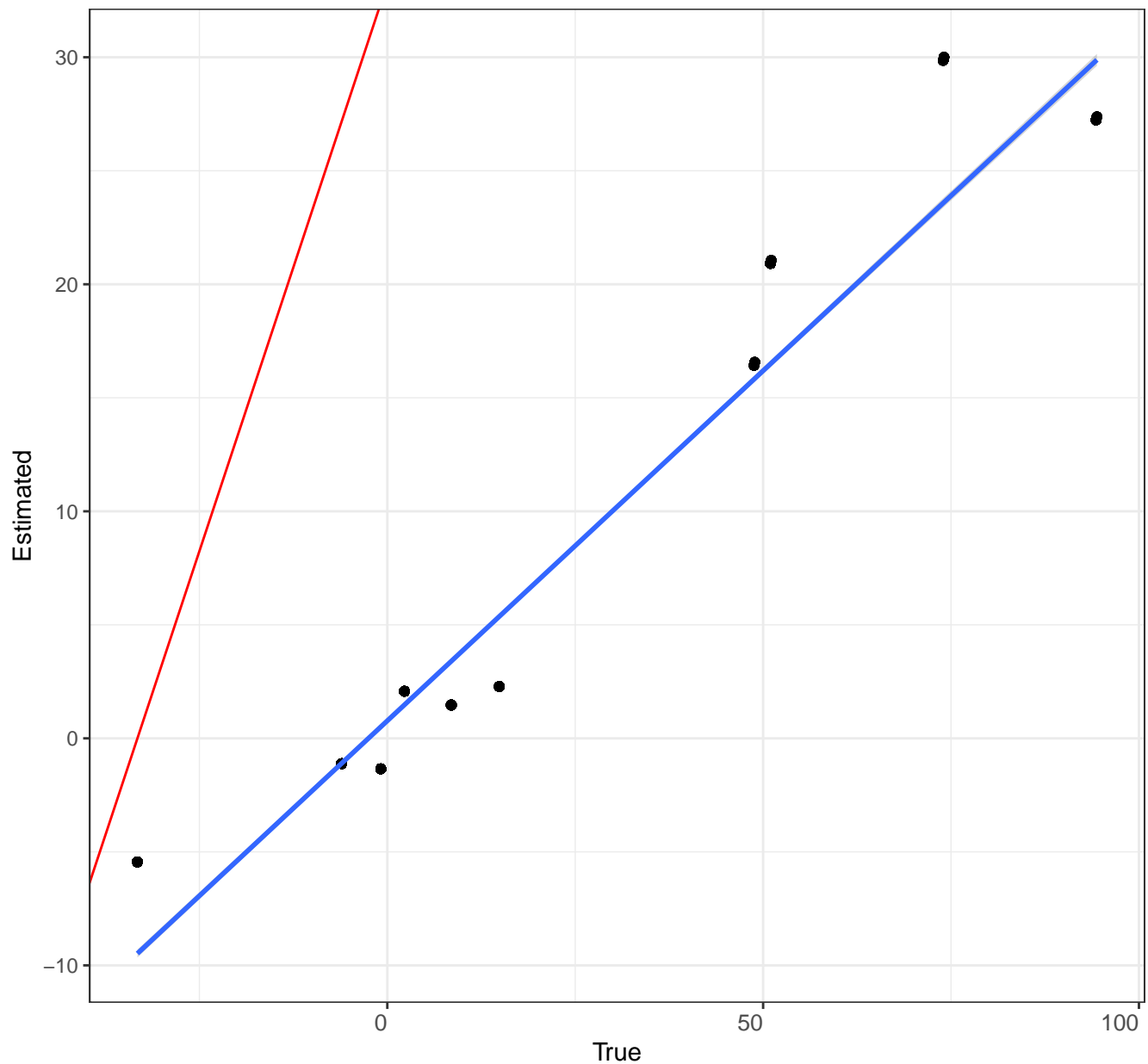
Weights for the case: S=50 ,r=5 true gr K=4 ,type=1 ,N=150 pN=0.001
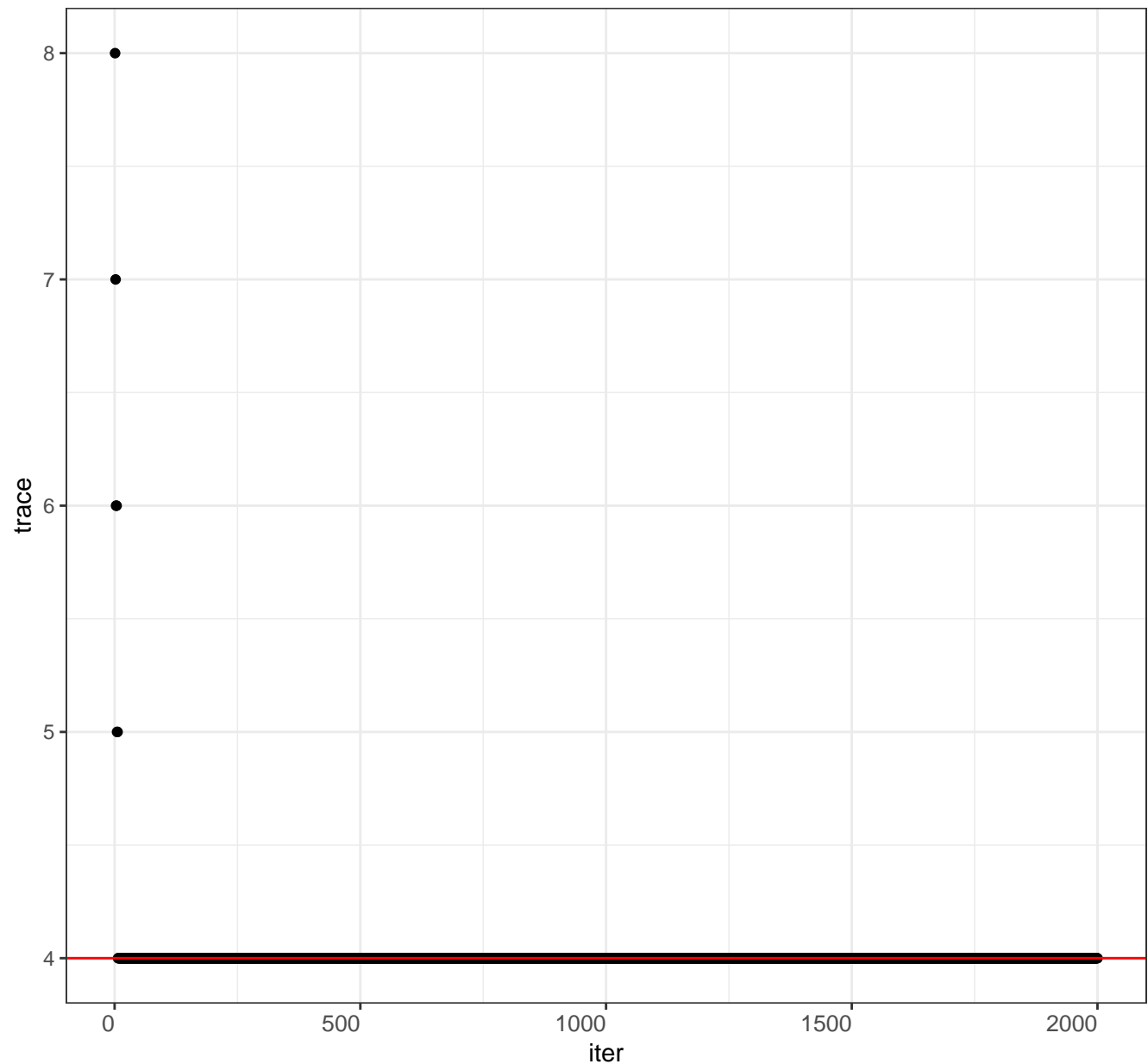
Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=50 r=5 true K=4 type=1
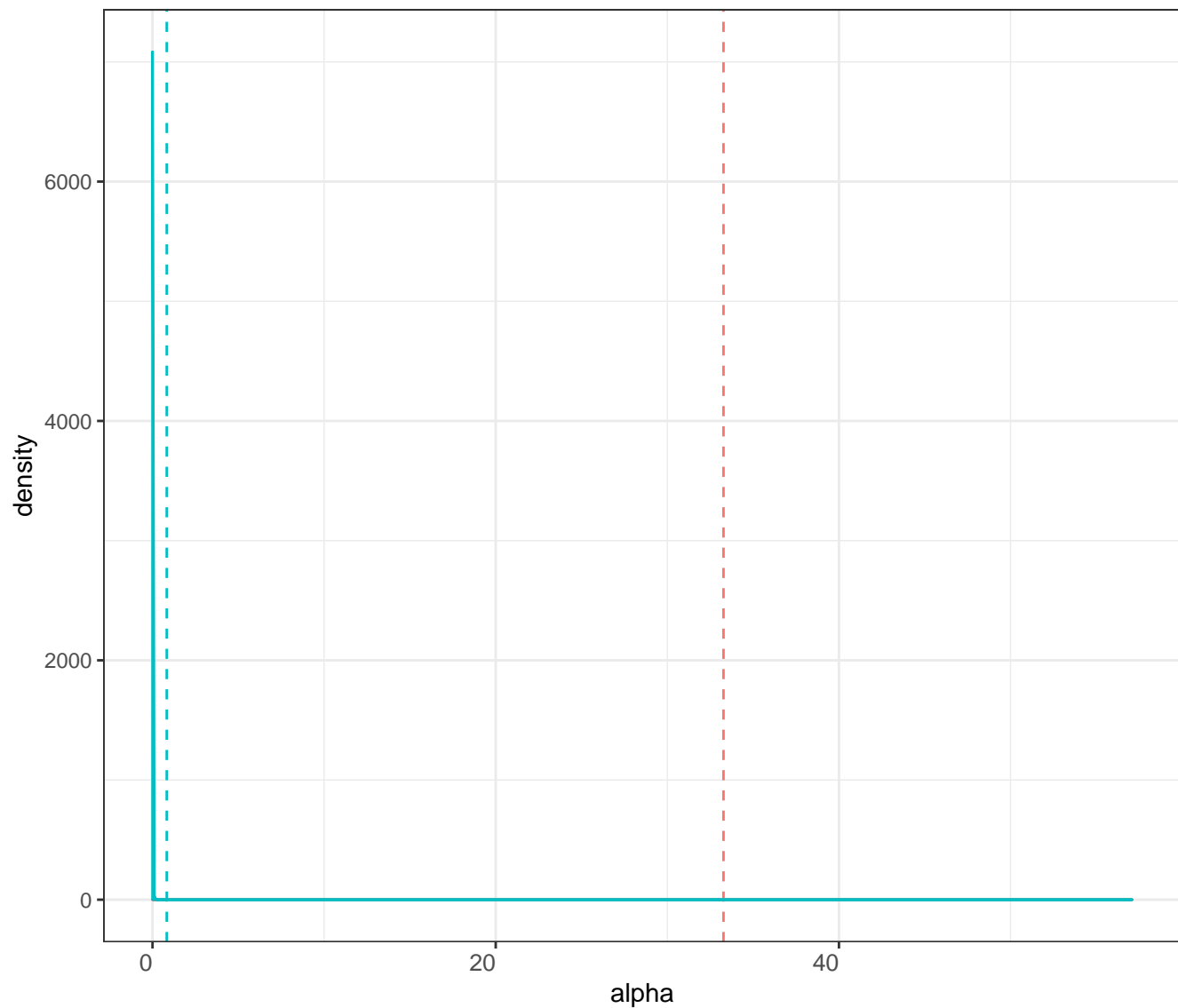
Trace plot for the number of groups K for S=50 r=5 true K=4 type=1

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

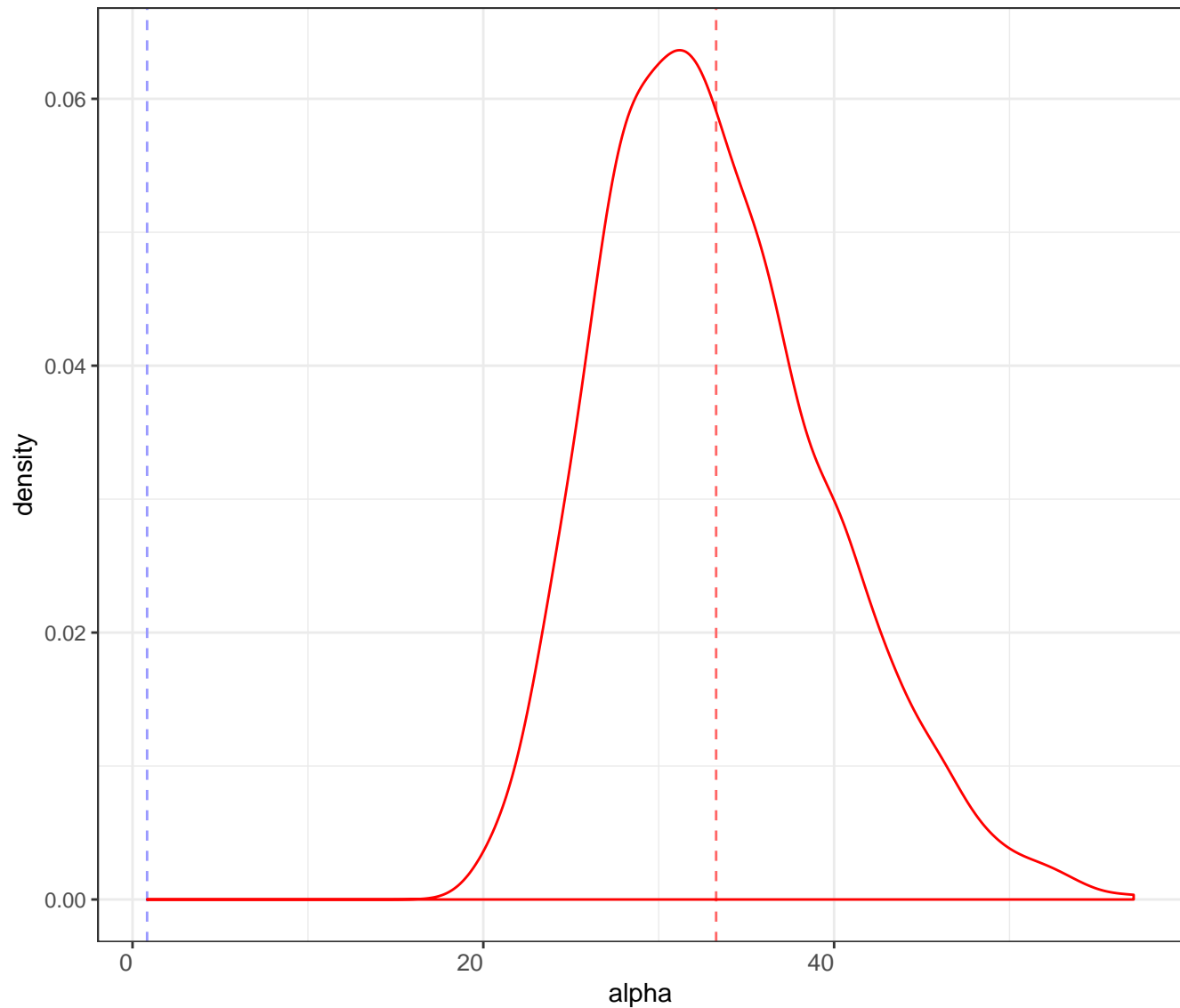Distribution alpha: S=50 ,r=5 true gr K=4 ,type=1 ,N=150

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

Posterior distribution for alpha
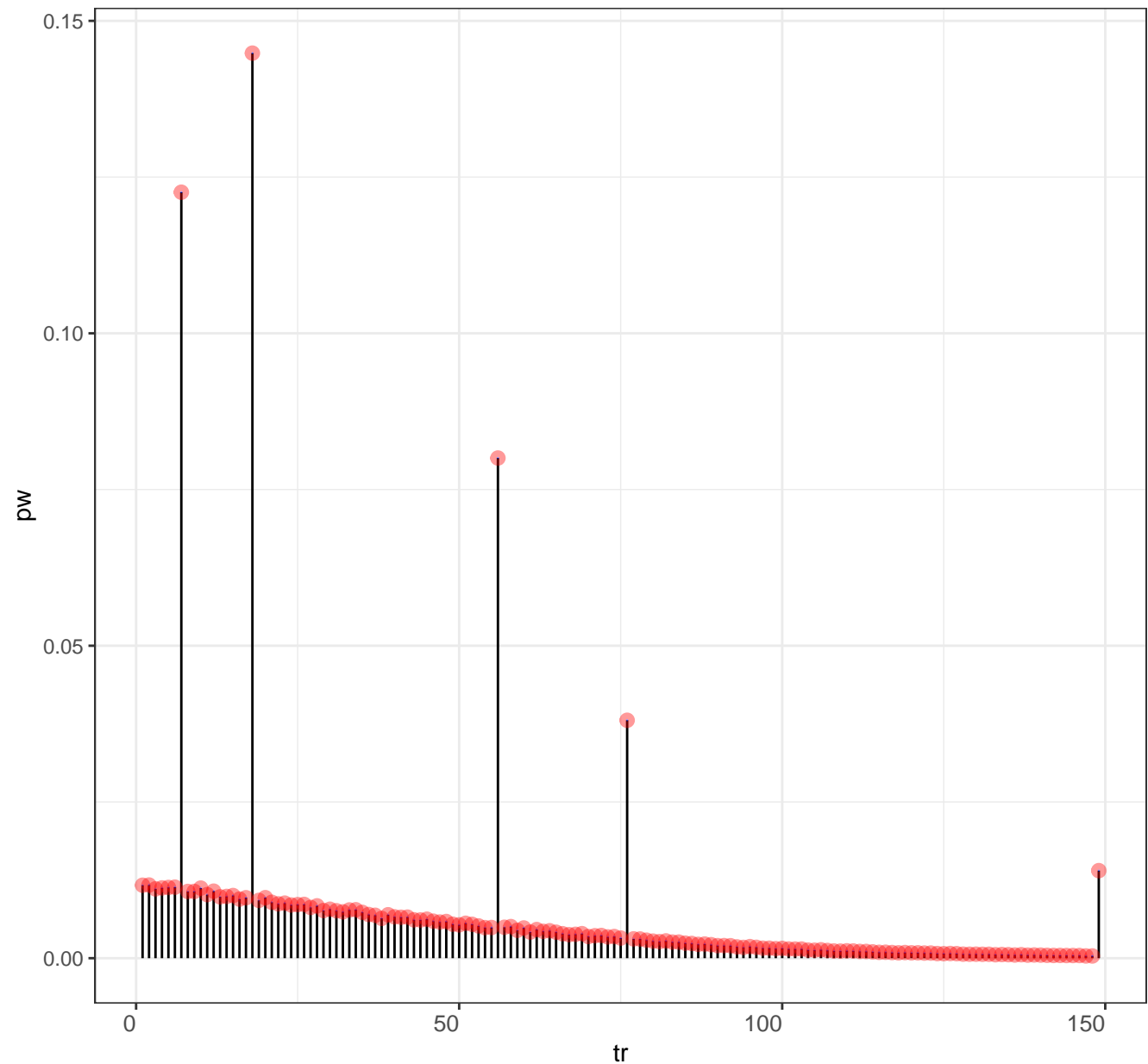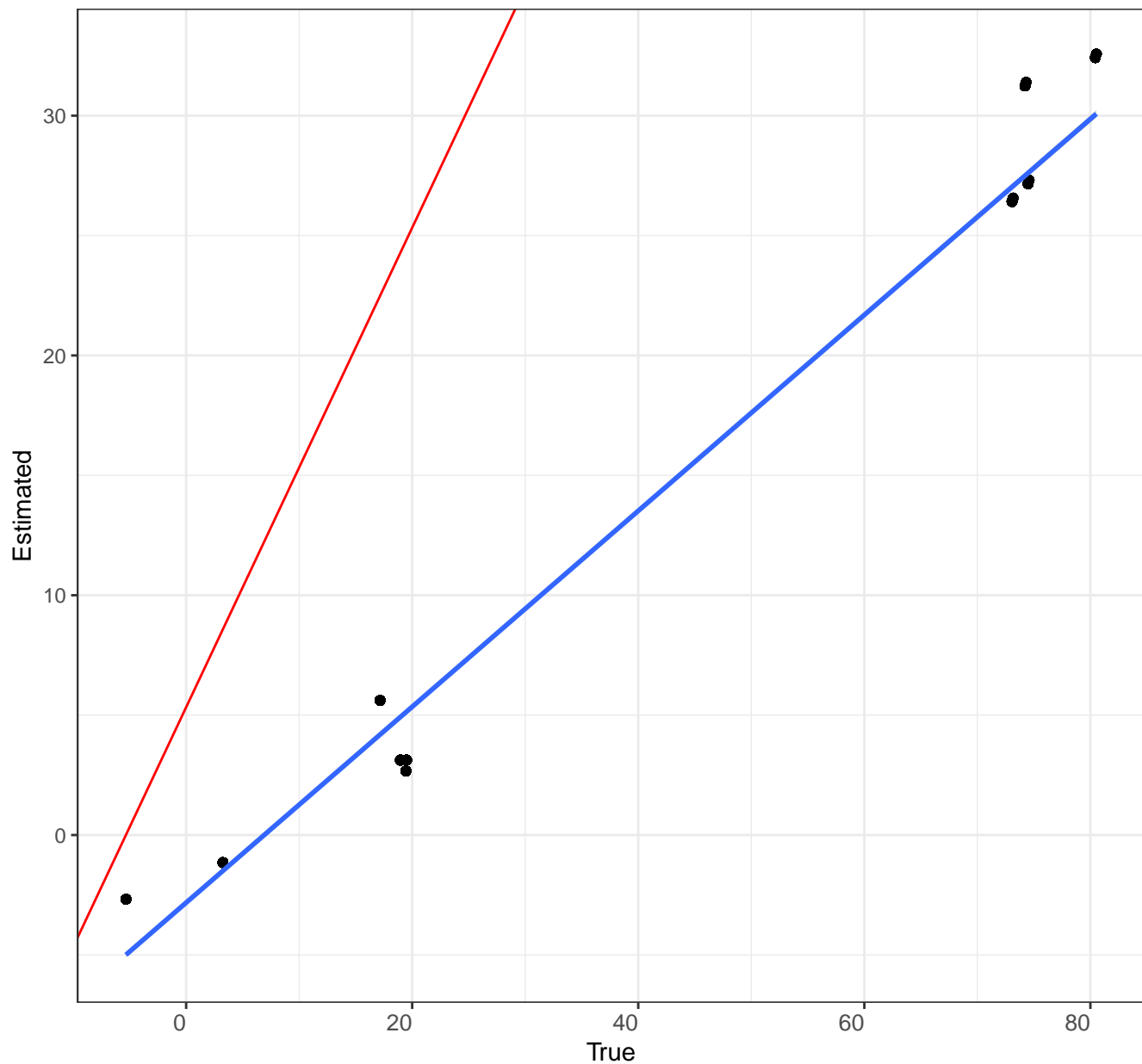
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=5 true gr K=4 ,type=1 ,N=150

Weights for the case: S=50 ,r=5 true gr K=4 ,type=1 ,N=150 pN=0.014
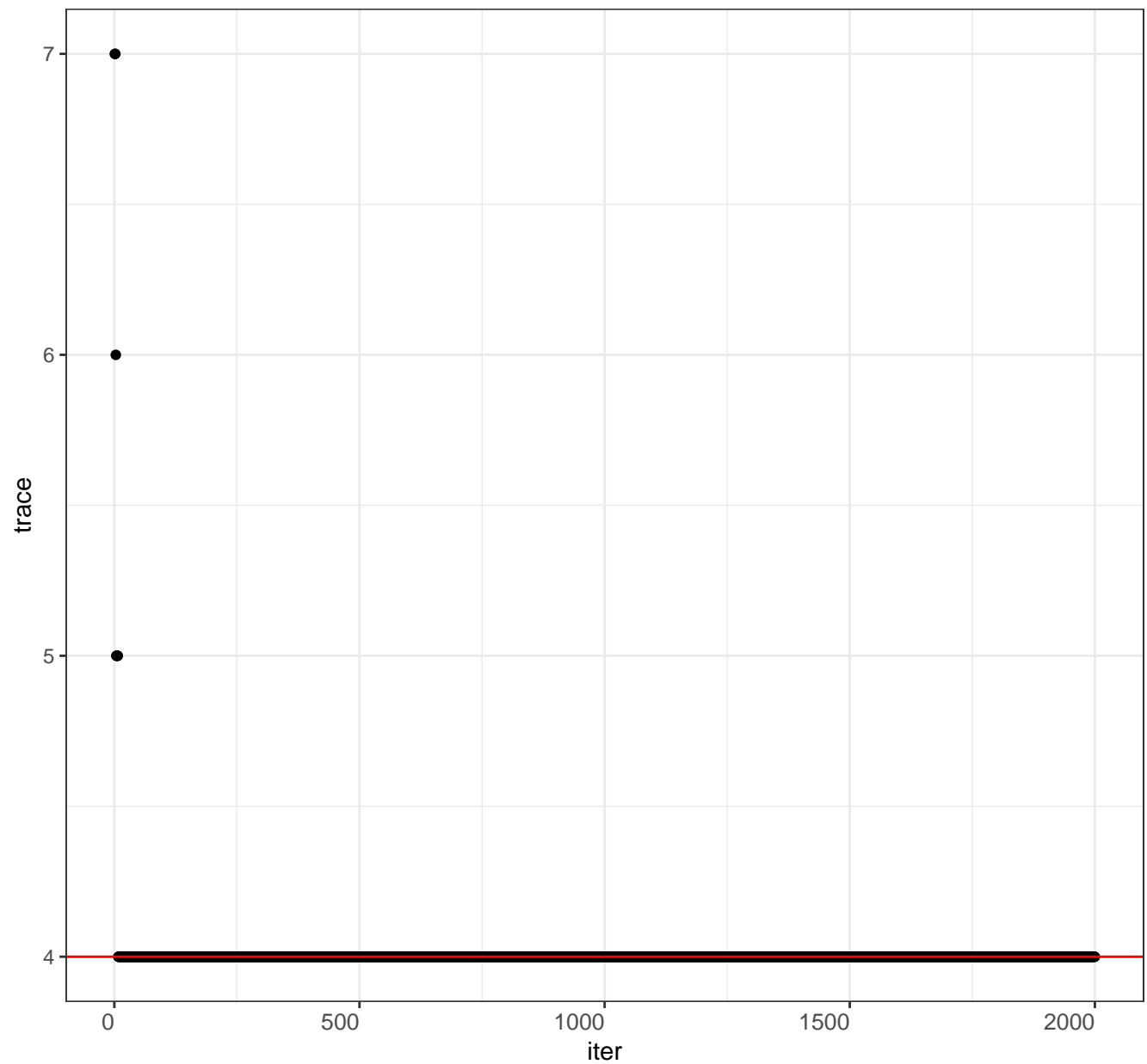
Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=50 r=5 true K=4 type=1

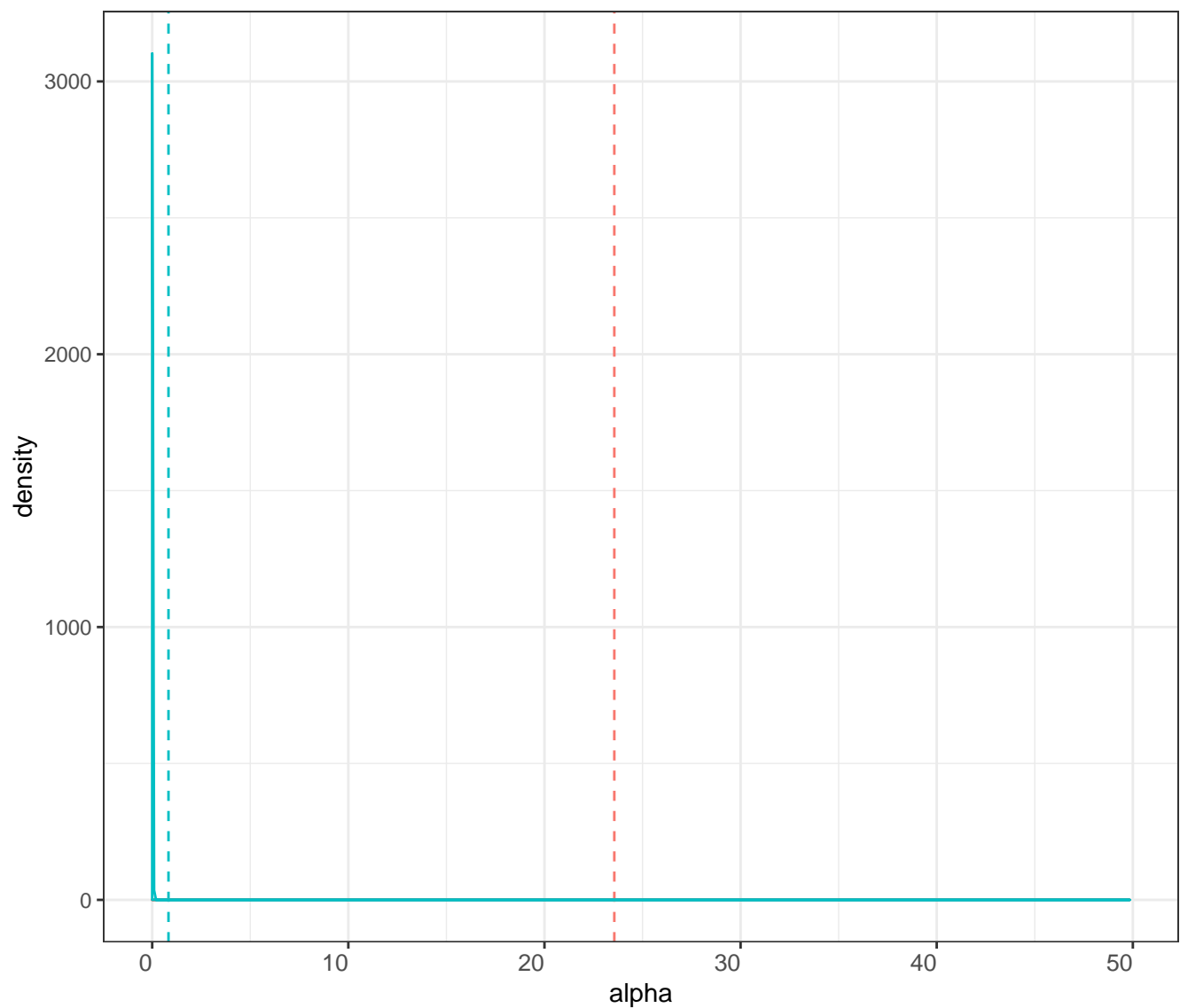Trace plot for the number of groups K for S=50 r=5 true K=4 type=1

Number of iterations: 2000 burnin: 1000number of samples: 500
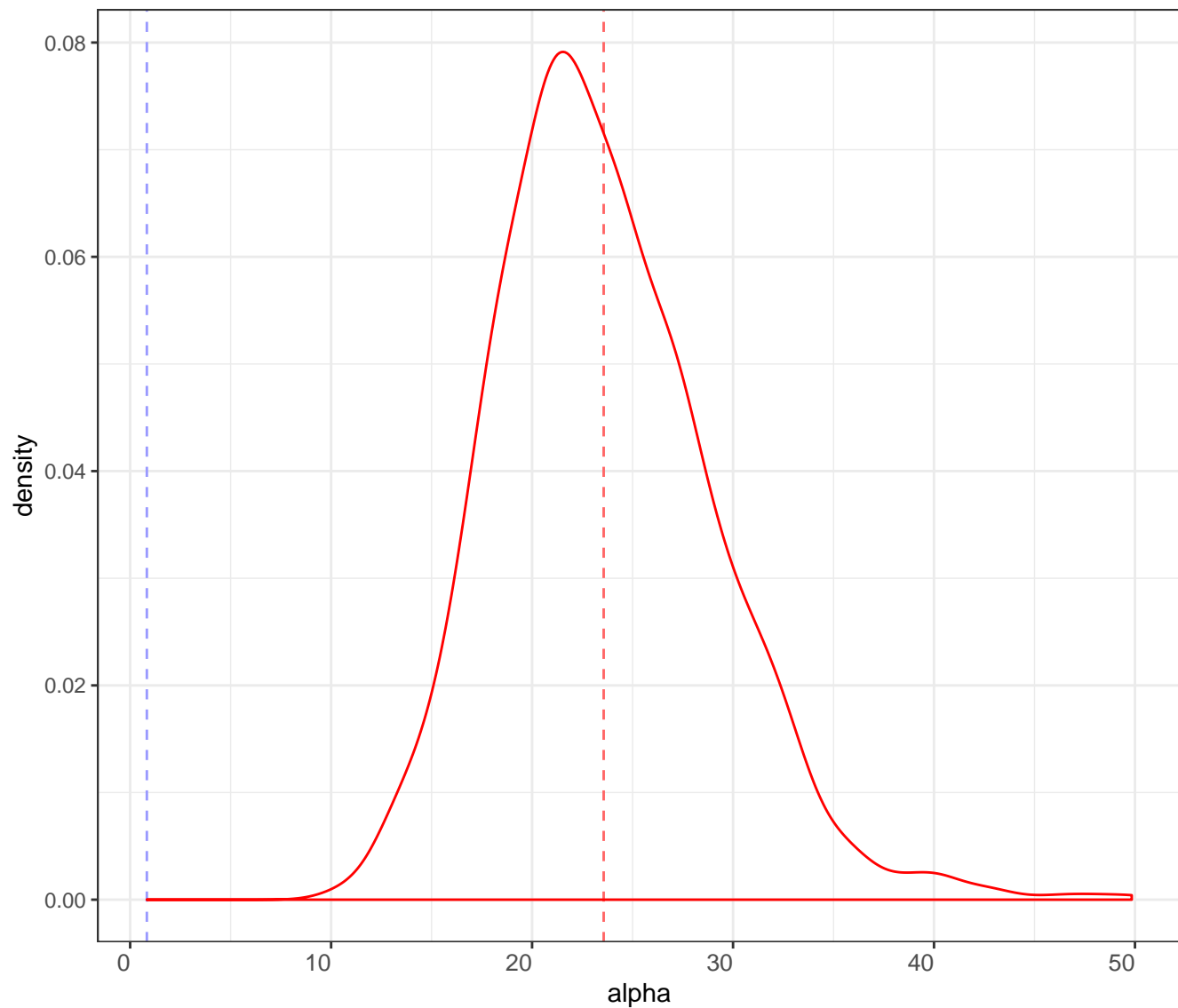
Distribution alpha: S=50 ,r=5 true gr K=4 ,type=1 ,N=150

type — posterior — prior

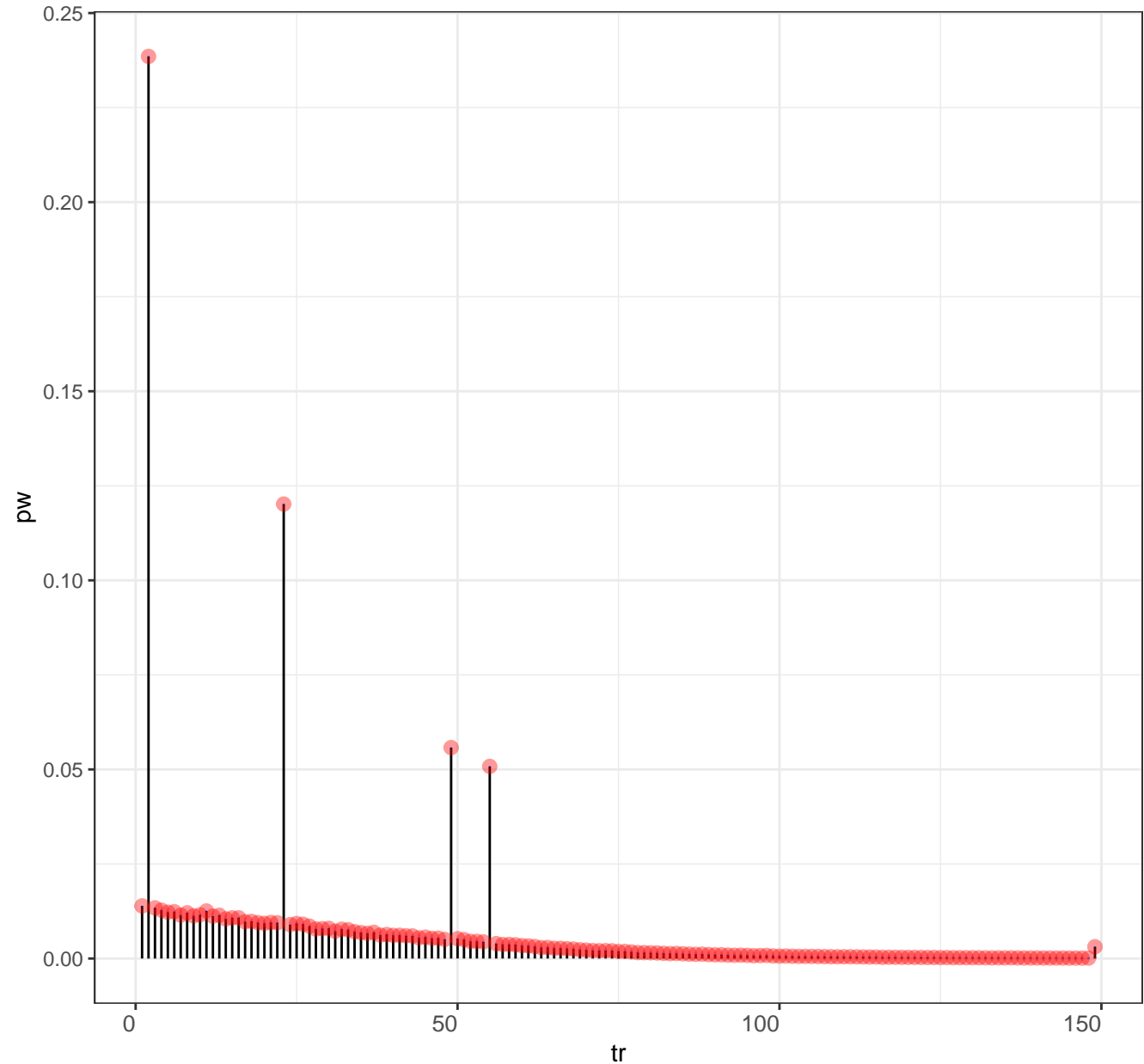Number of iterations: 2000 burnin: 1000 number of samples: 500

Posterior distribution for alpha
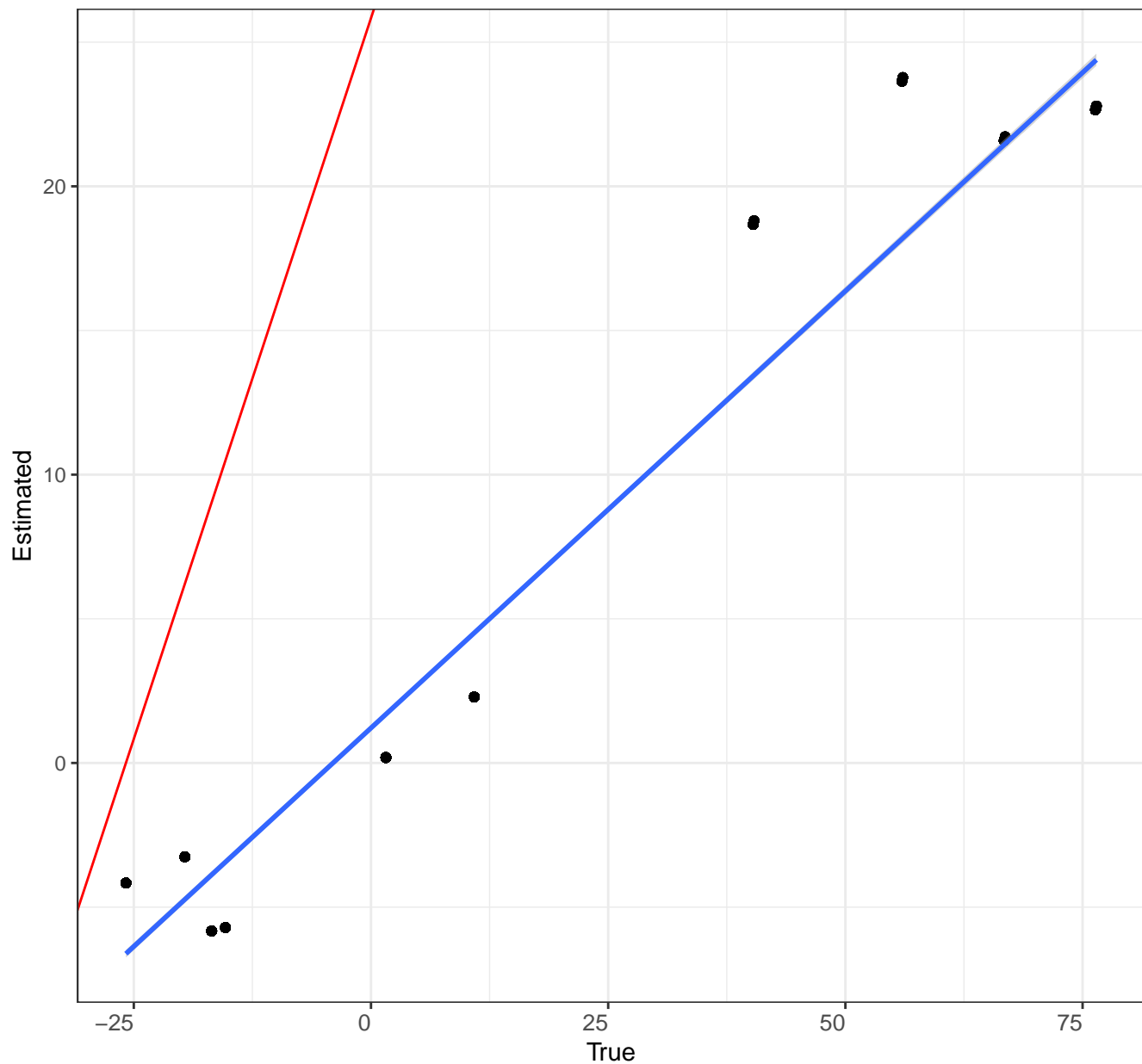
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=5 true gr K=4 ,type=1 ,N=150

Weights for the case: S=50 ,r=5 true gr K=4 ,type=1 ,N=150 pN=0.003
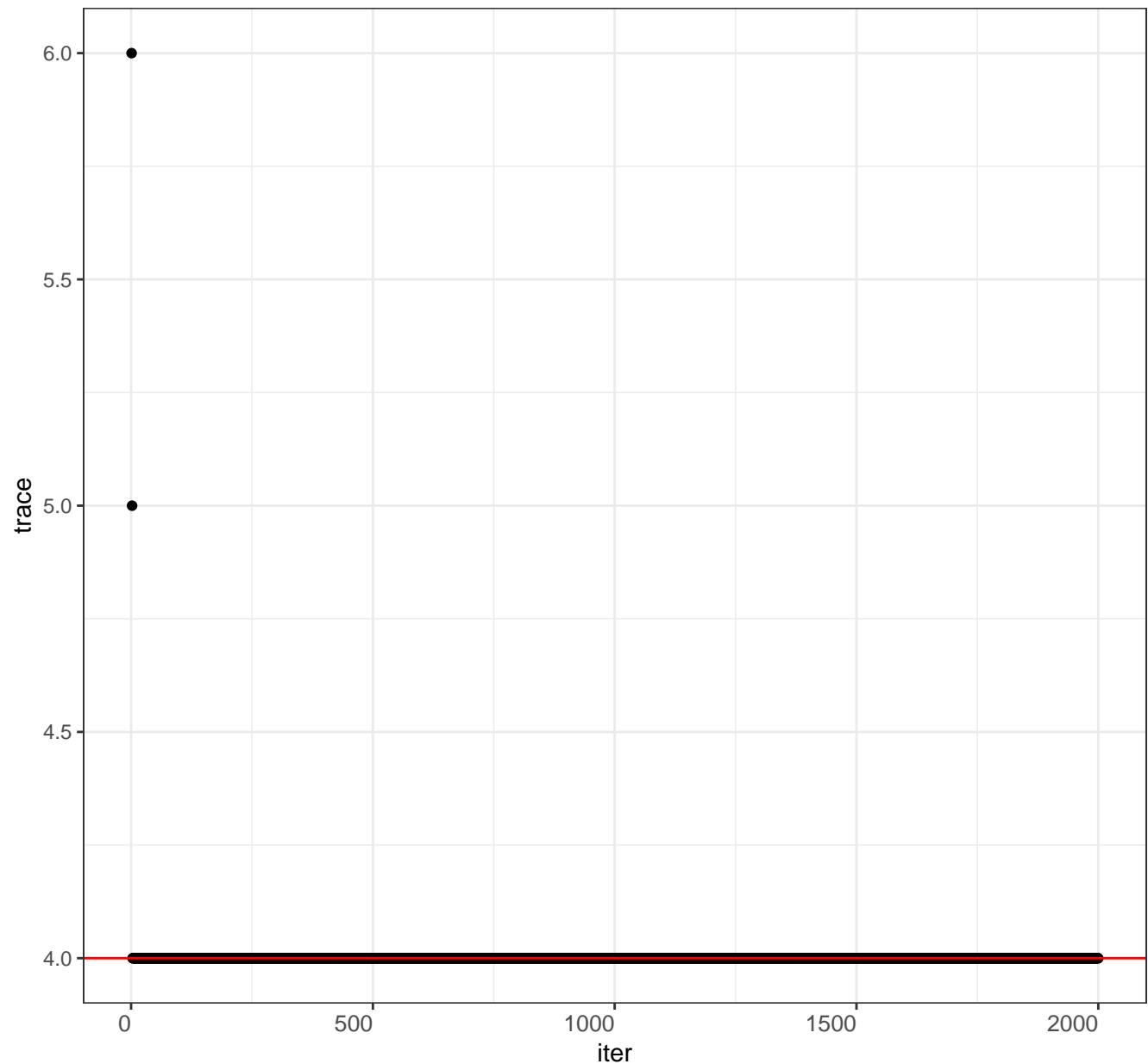
Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=50 r=5 true K=4 type=1
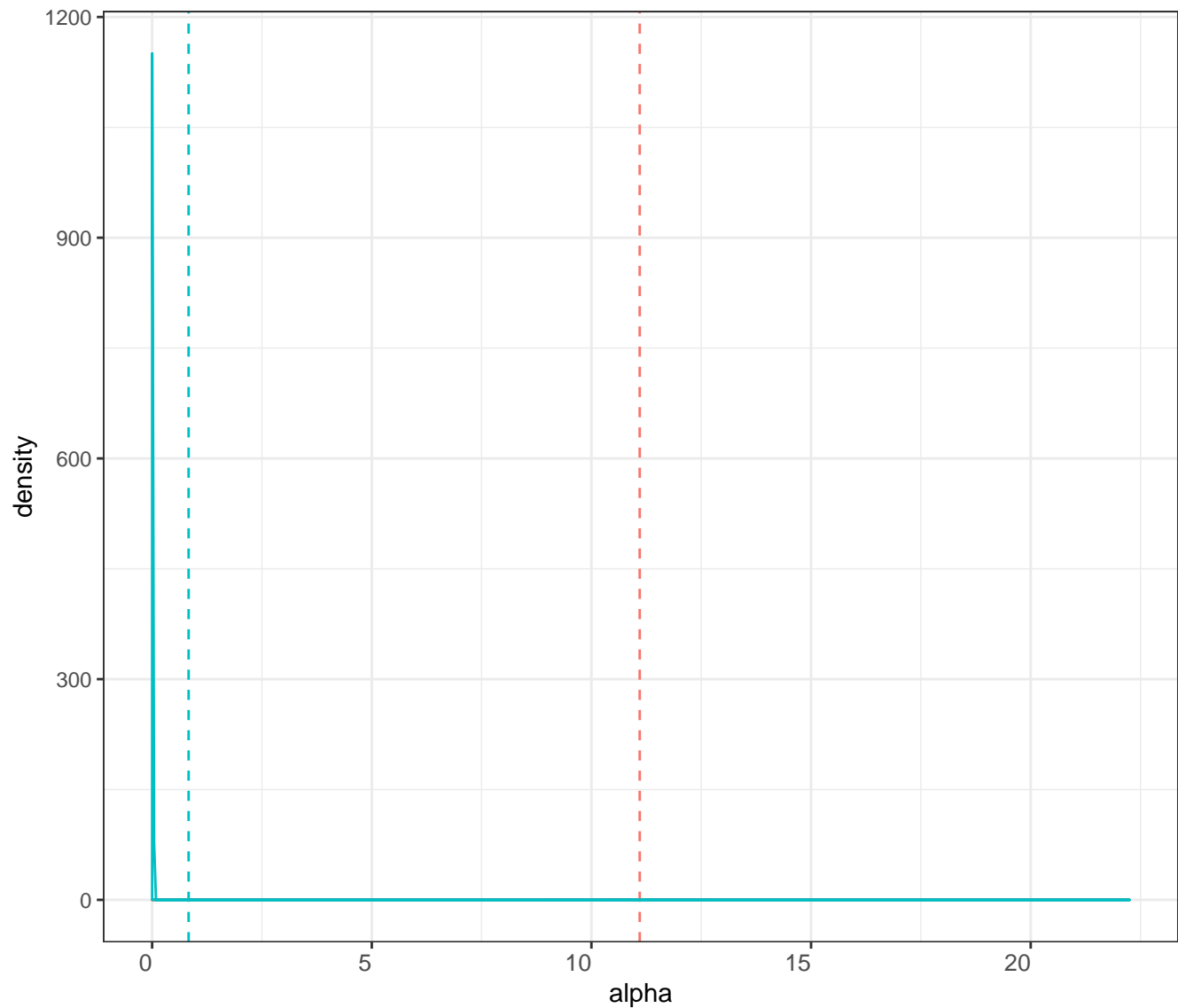
Trace plot for the number of groups K for S=50 r=5 true K=4 type=1

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

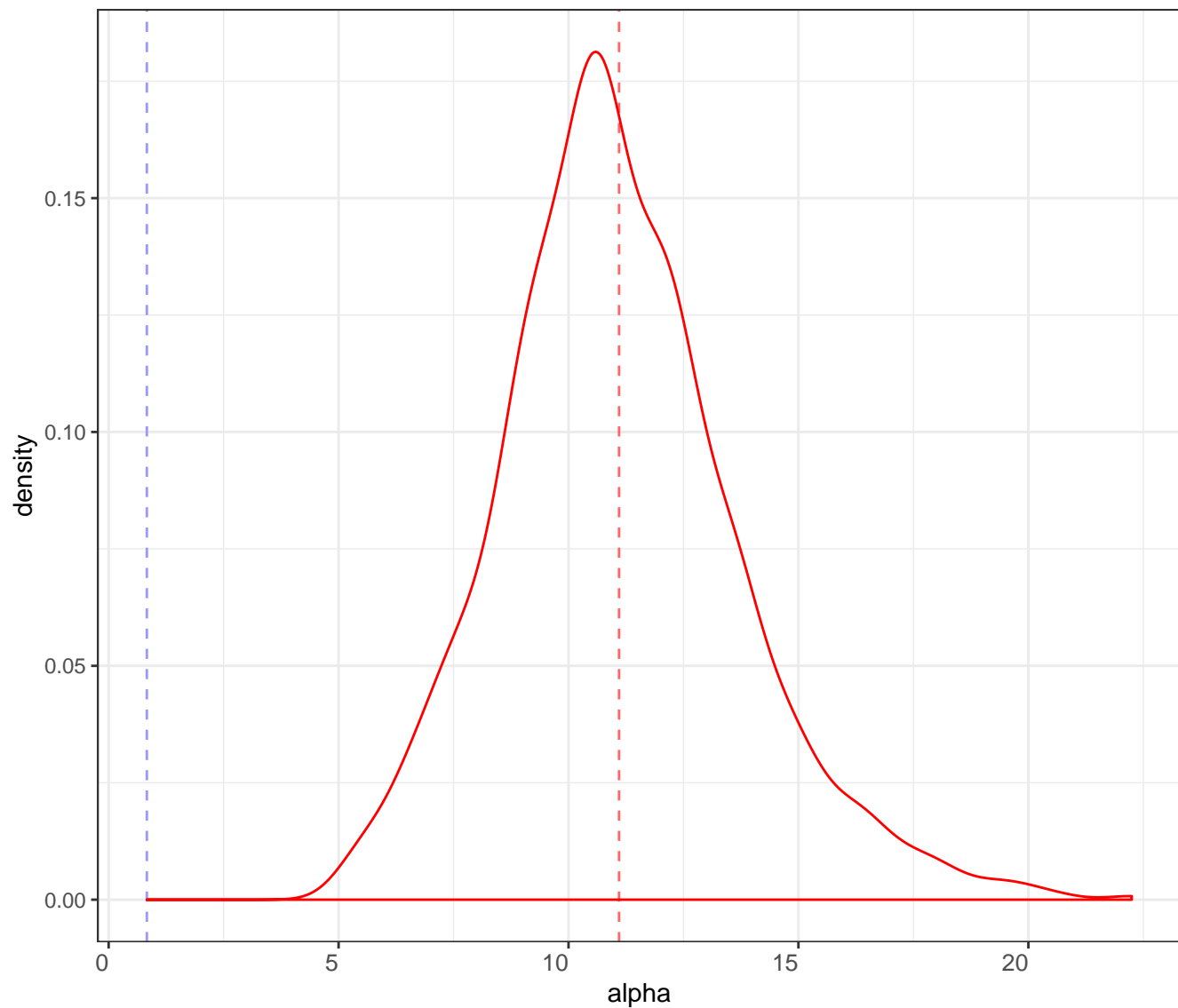Distribution alpha: S=50 ,r=5 true gr K=4 ,type=1 ,N=150

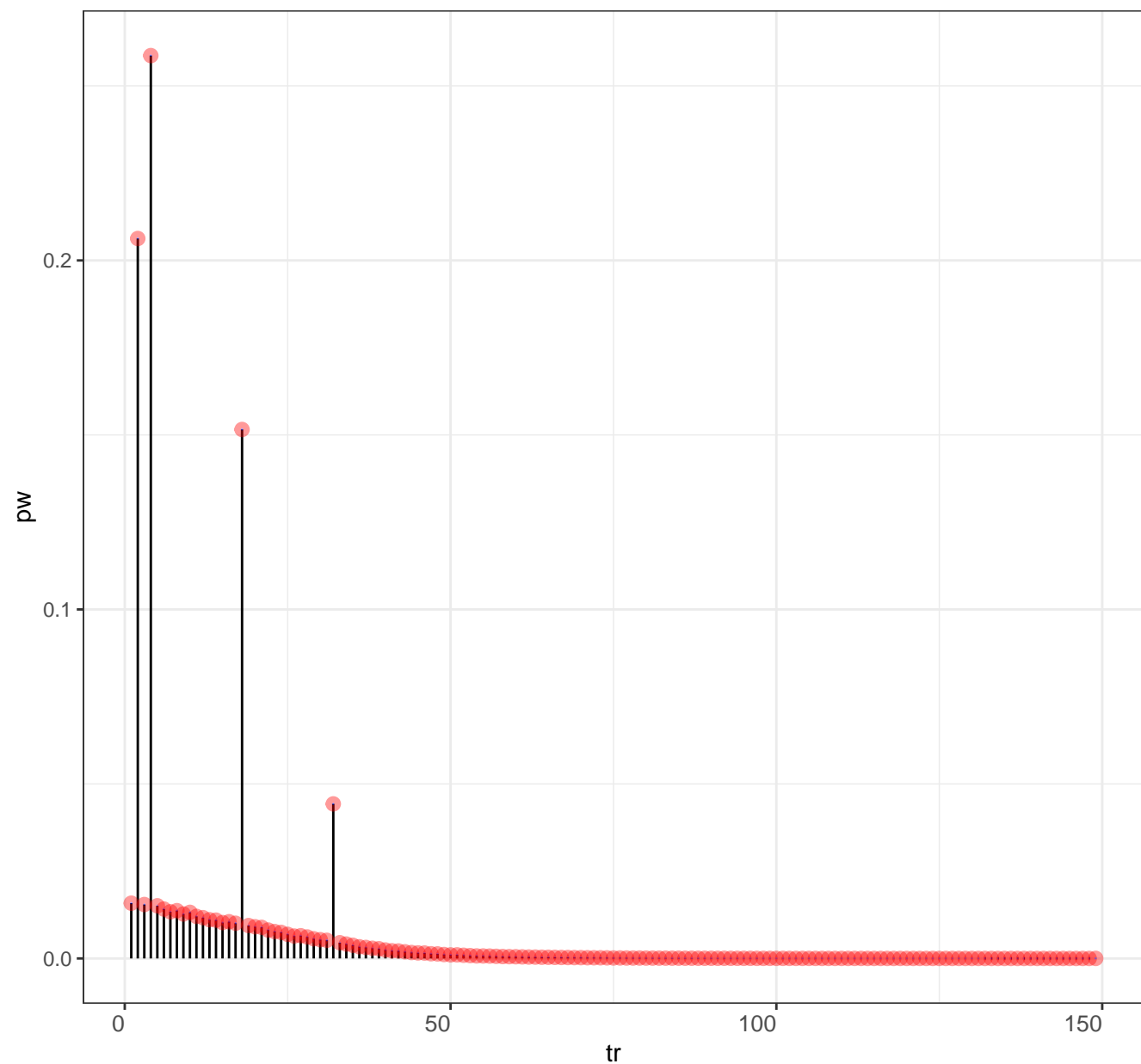Number of iterations: 2000 burnin: 1000 number of samples: 500

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=1 ,N=150
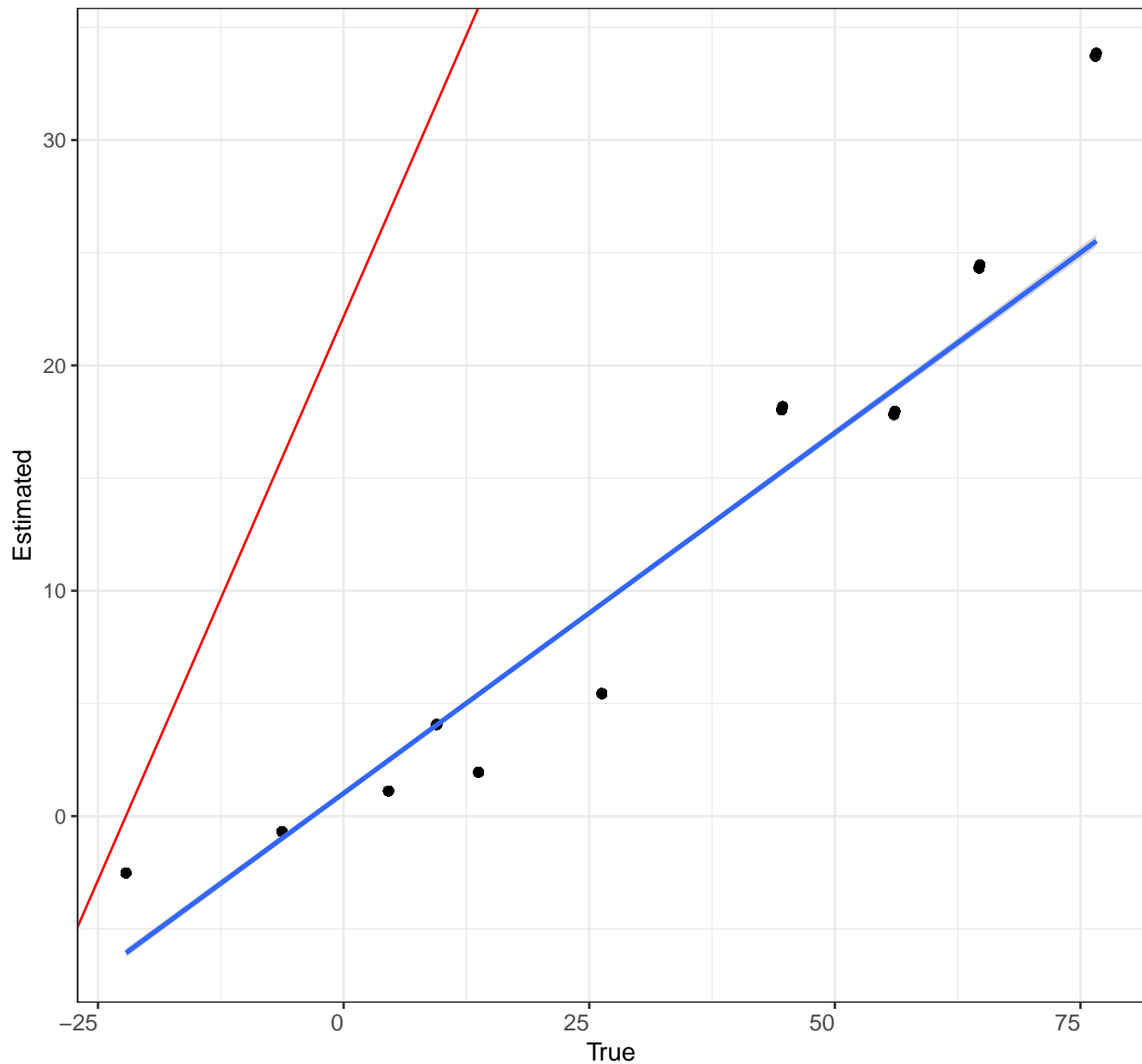
Weights for the case: S=50 ,r=5 true gr K=4 ,type=1 ,N=150 pN=0

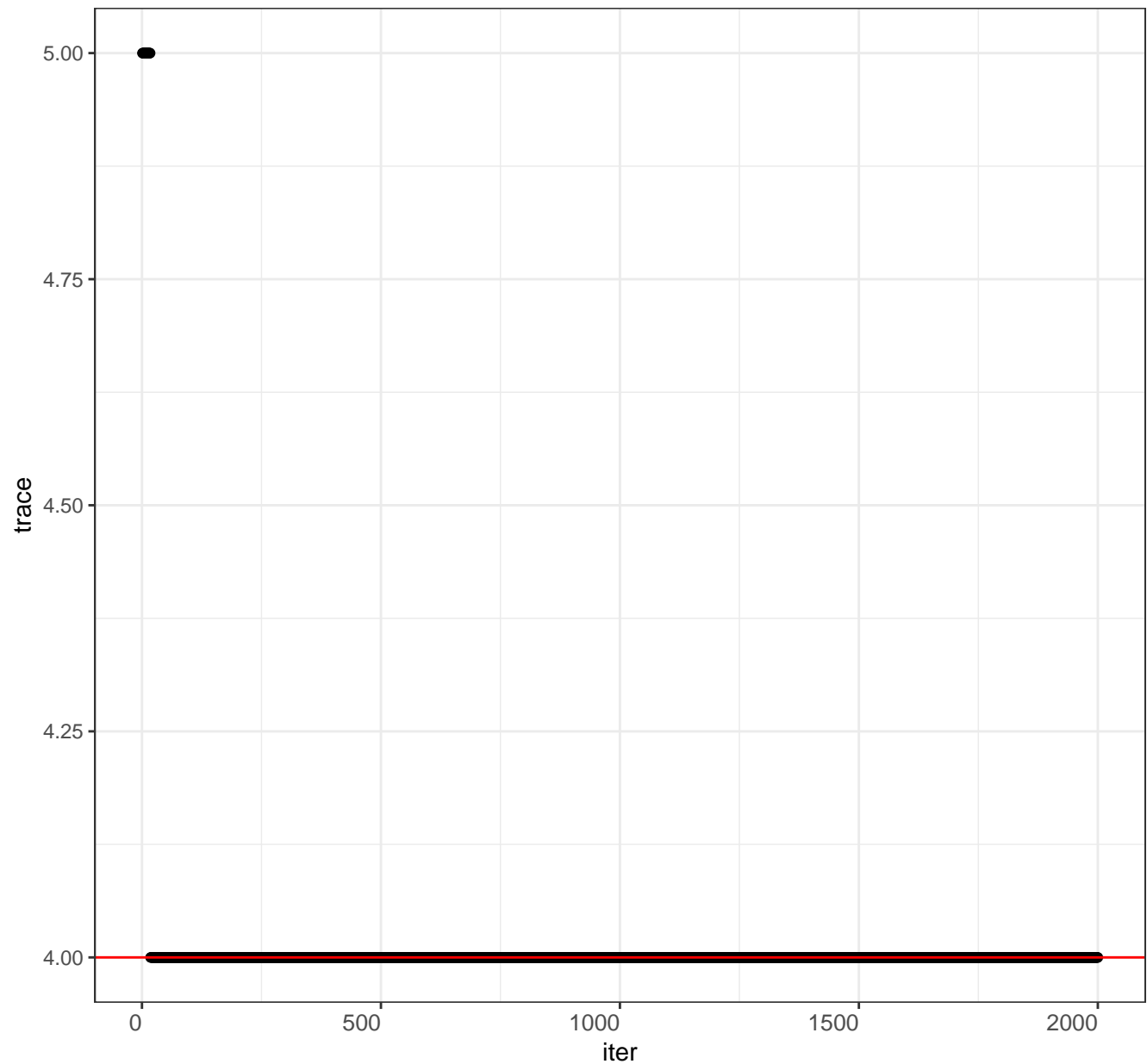Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=50 r=5 true K=4 type=1
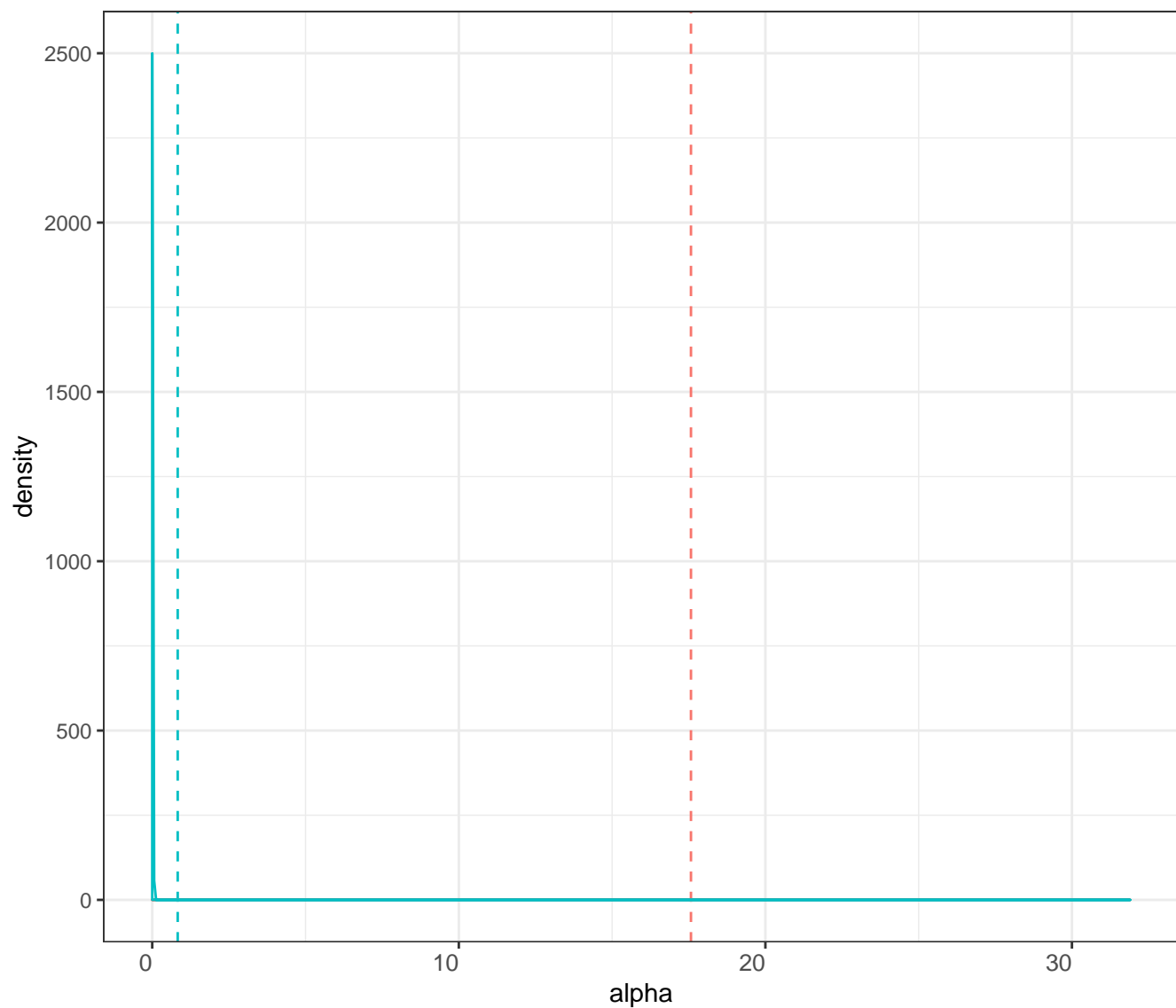
Trace plot for the number of groups K for S=50 r=5 true K=4 type=1

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

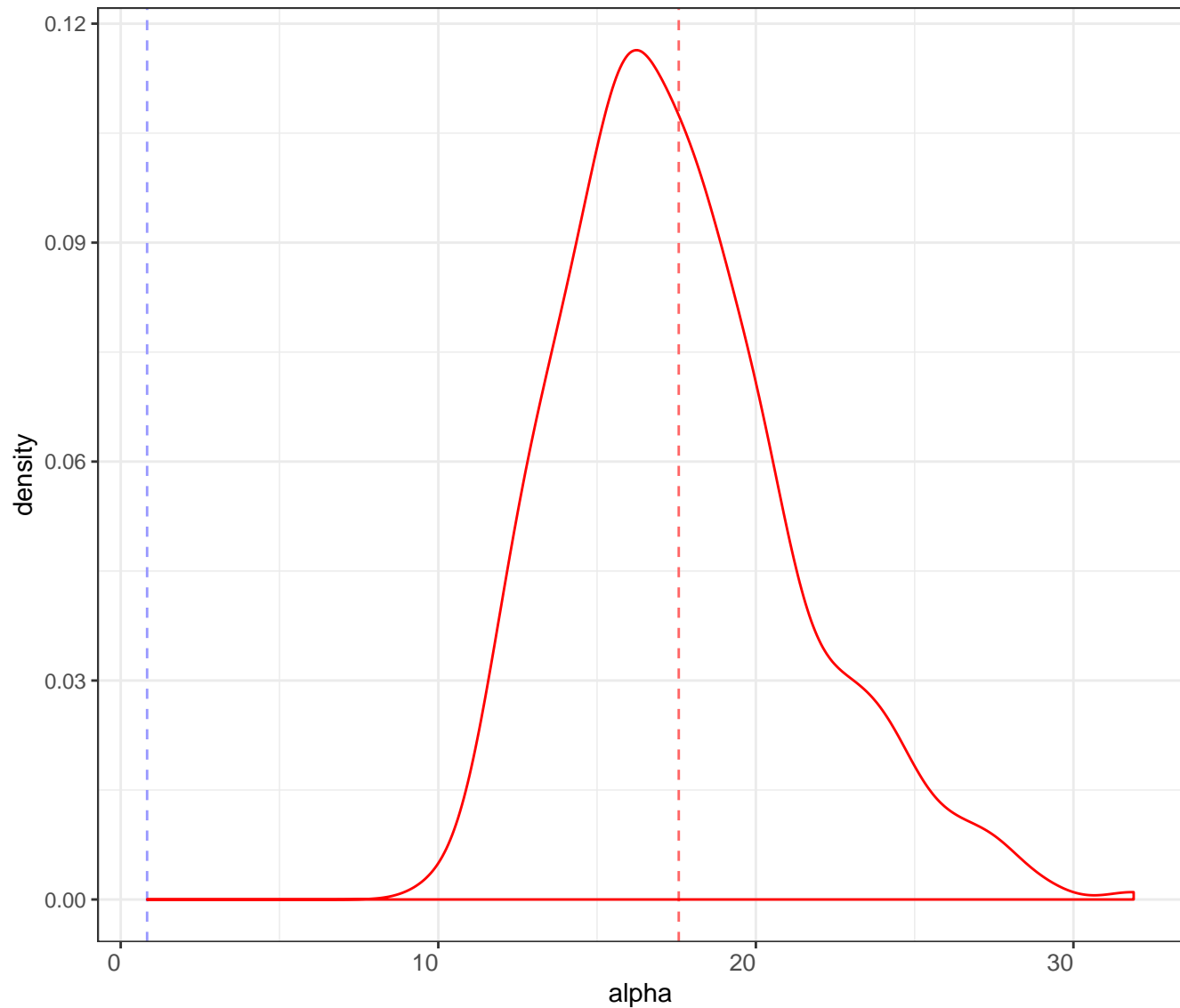Distribution alpha: S=50 ,r=5 true gr K=4 ,type=1 ,N=150

type | posterior | prior

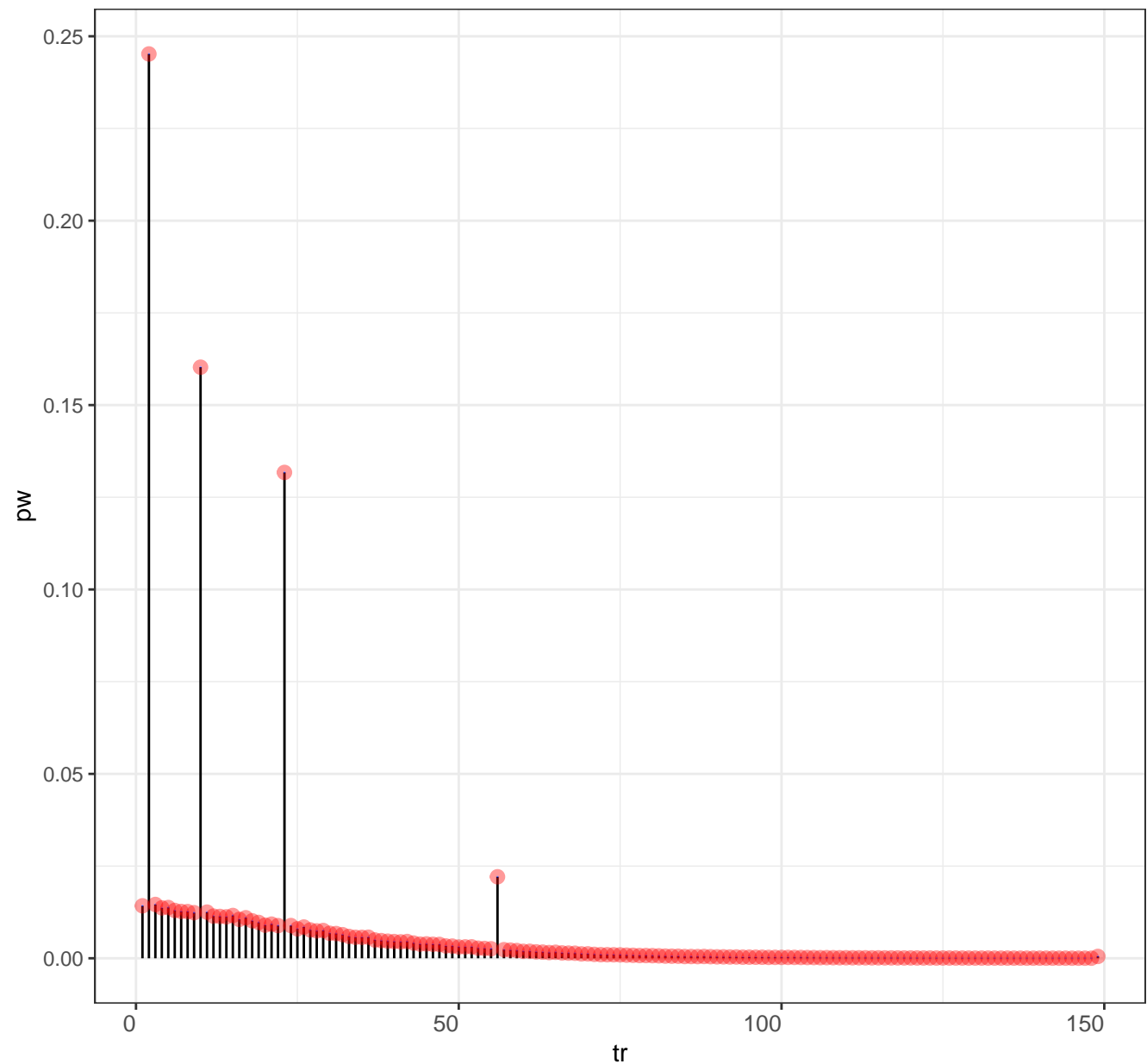Number of iterations: 2000 burnin: 1000 number of samples: 500

Posterior distribution for alpha
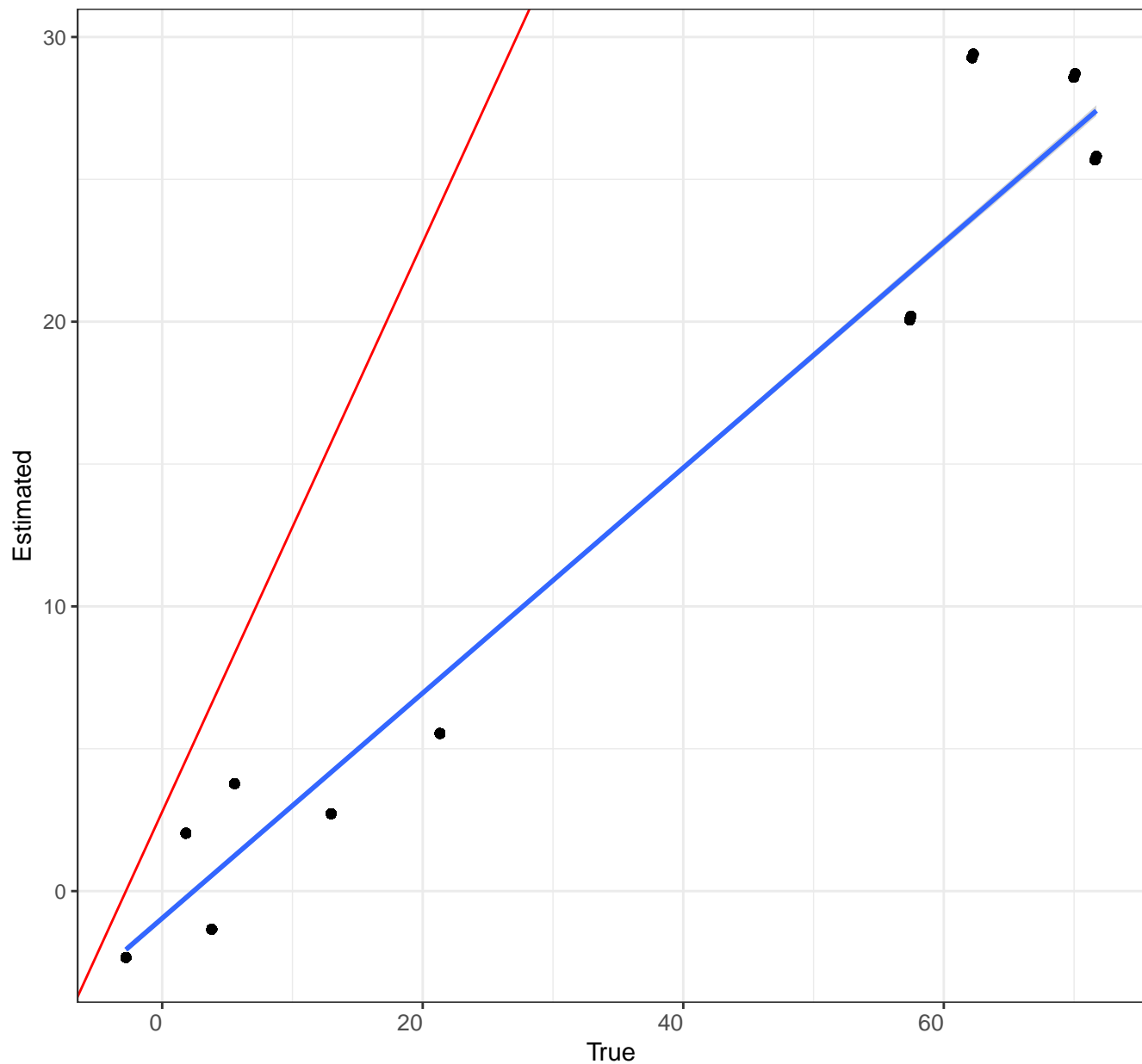
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=5 true gr K=4 ,type=1 ,N=150

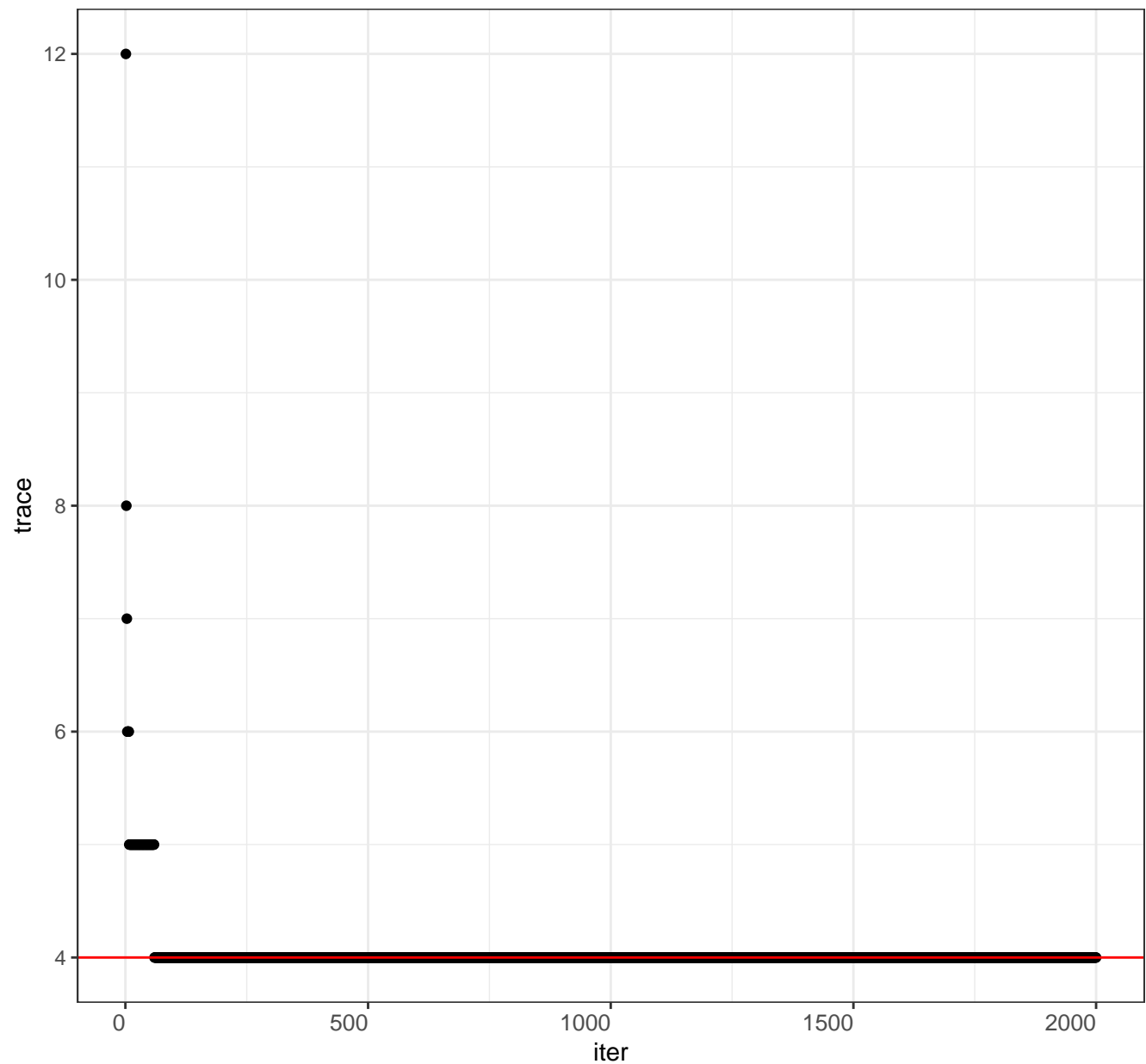Weights for the case: S=50 ,r=5 true gr K=4 ,type=1 ,N=150 pN=0

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

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=50 r=5 true K=4 type=1
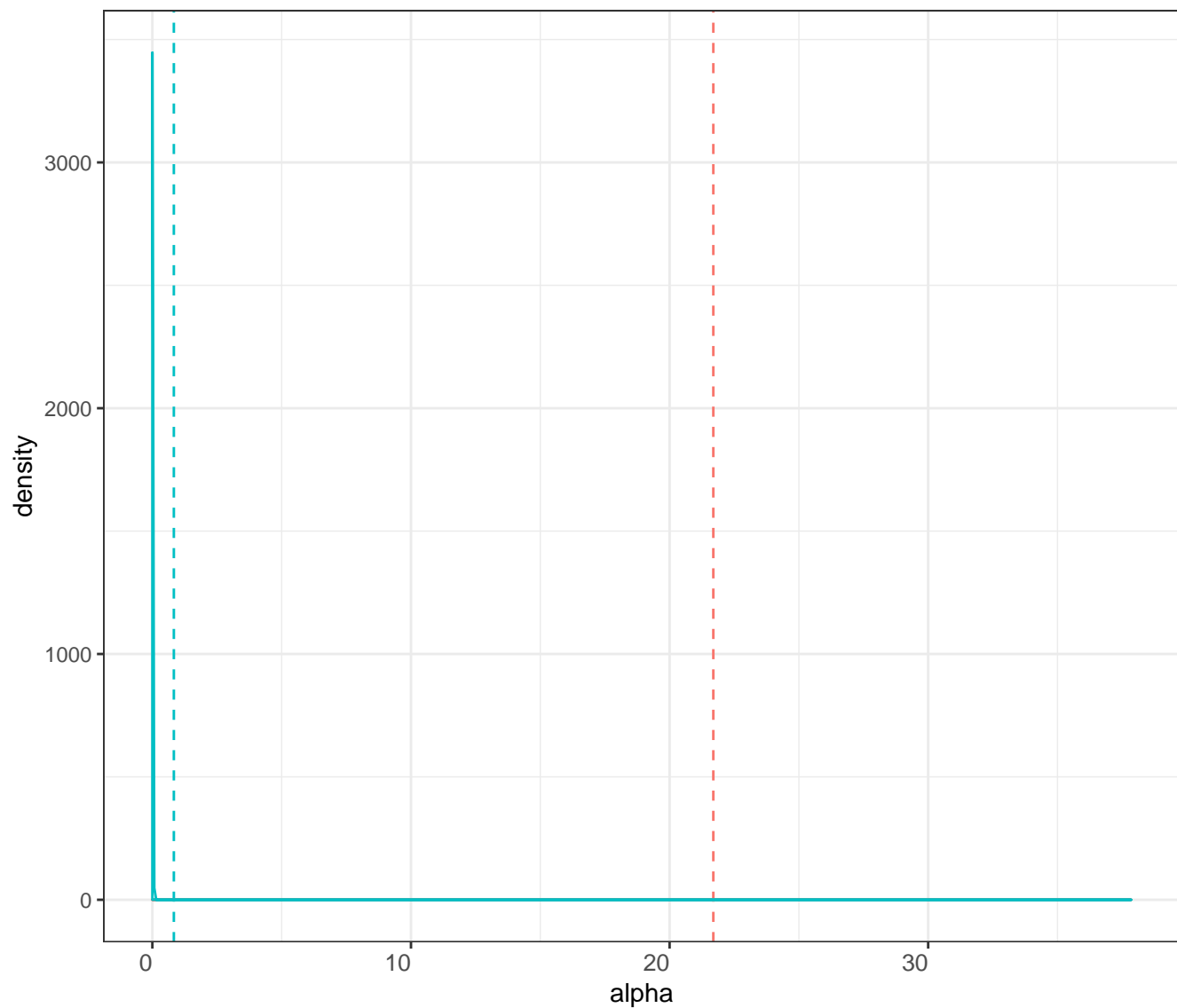
Trace plot for the number of groups K for S=50 r=5 true K=4 type=1

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

Distribution alpha: S=50 ,r=5 true gr K=4 ,type=1 ,N=150
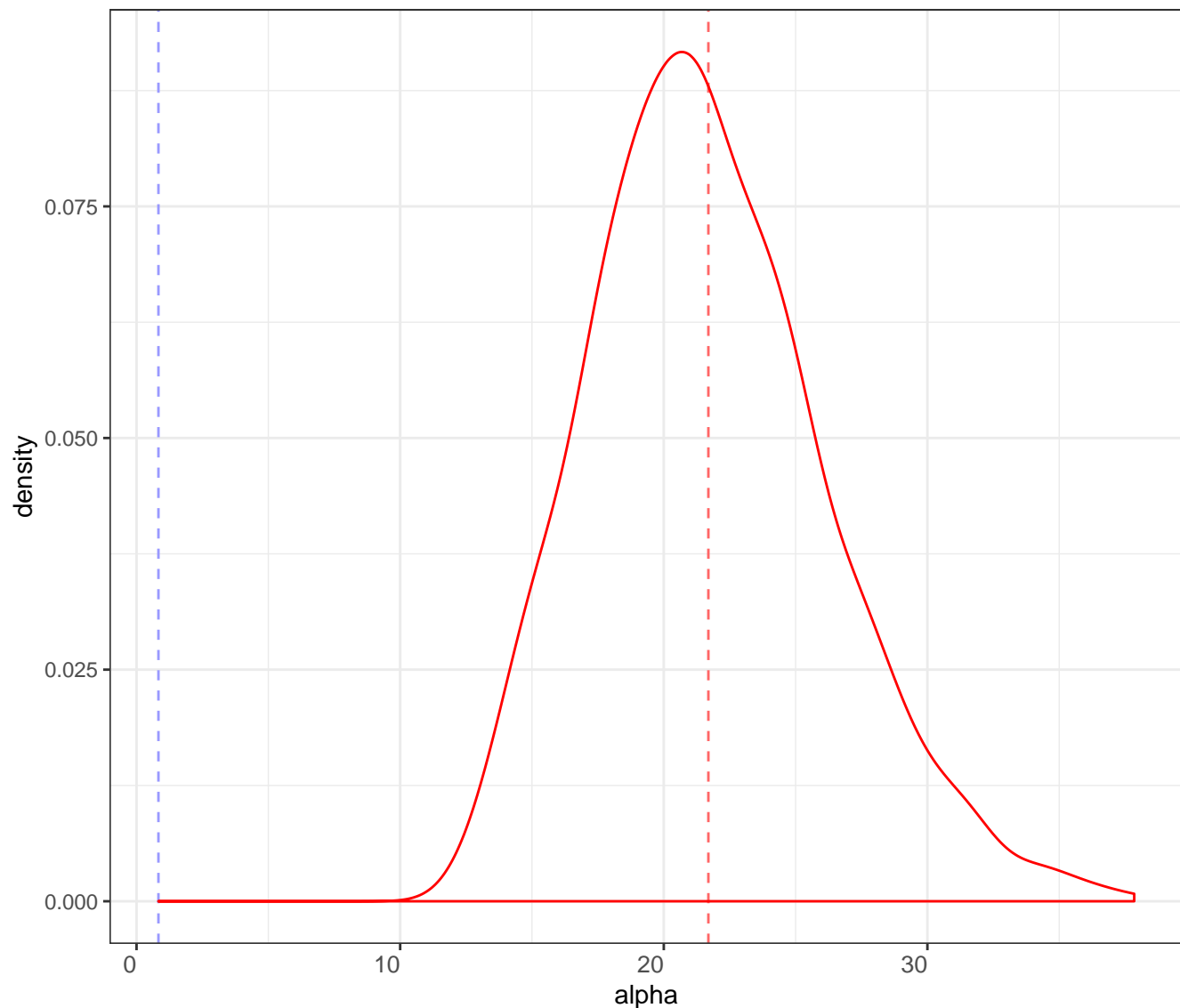
type   posterior   prior

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

Posterior distribution for alpha

Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=5 true gr K=4 ,type=1 ,N=150

Weights for the case: S=50 ,r=5 true gr K=4 ,type=1 ,N=150 pN=0.002

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

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=50 r=5 true K=4 type=1

Trace plot for the number of groups K for S=50 r=5 true K=4 type=1

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

Distribution alpha: S=50 ,r=5 true gr K=4 ,type=1 ,N=150

type   posterior   prior

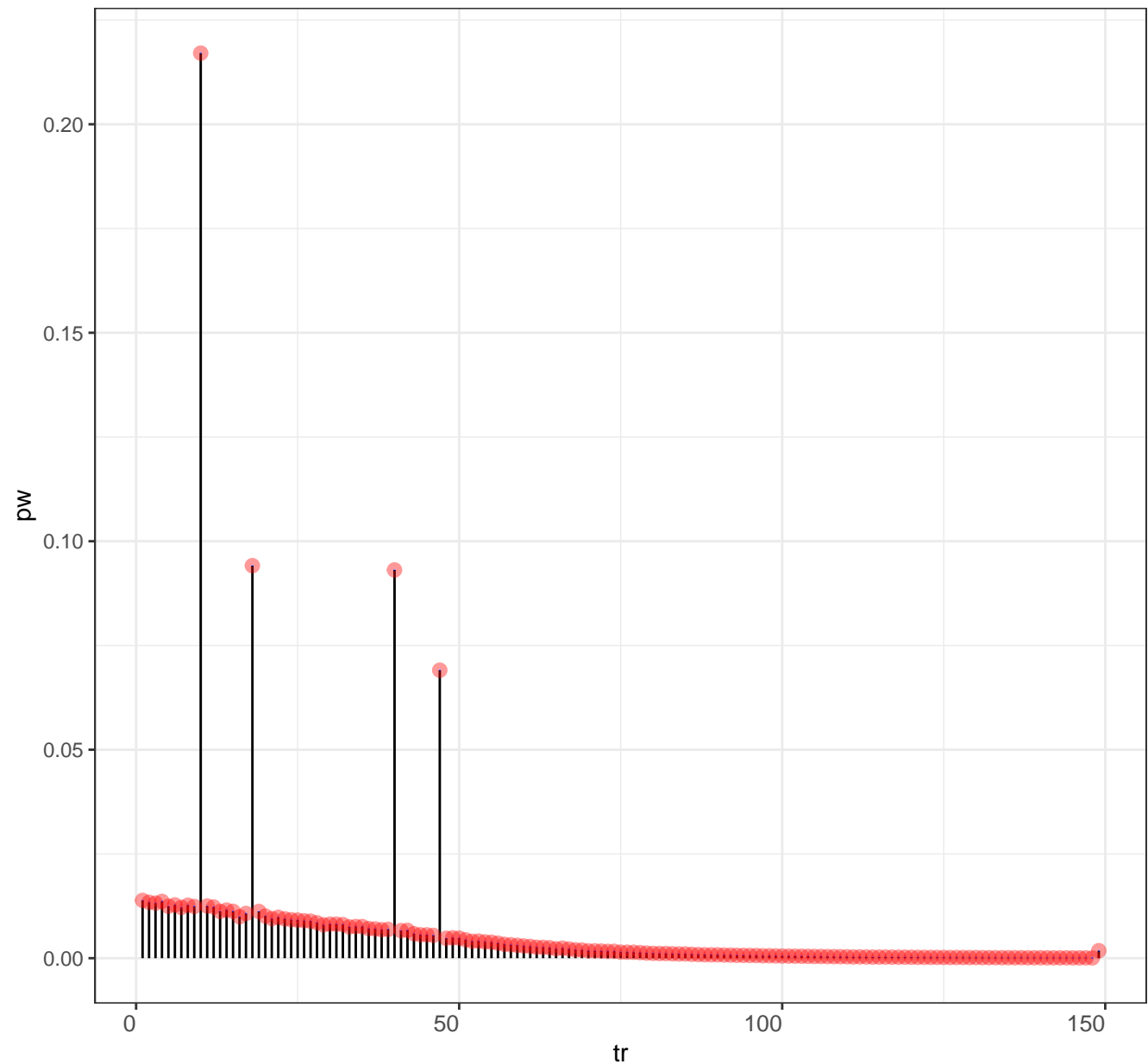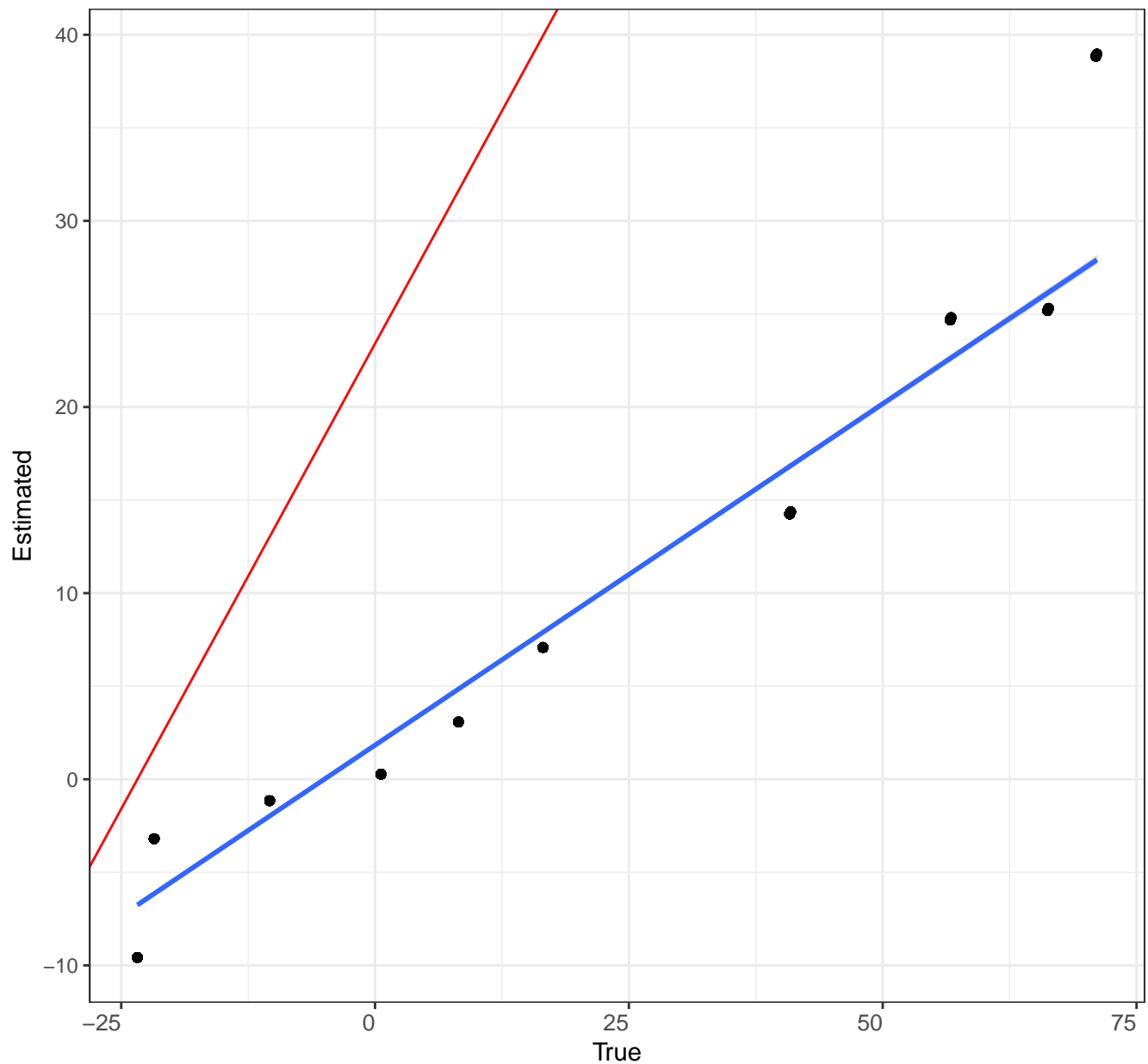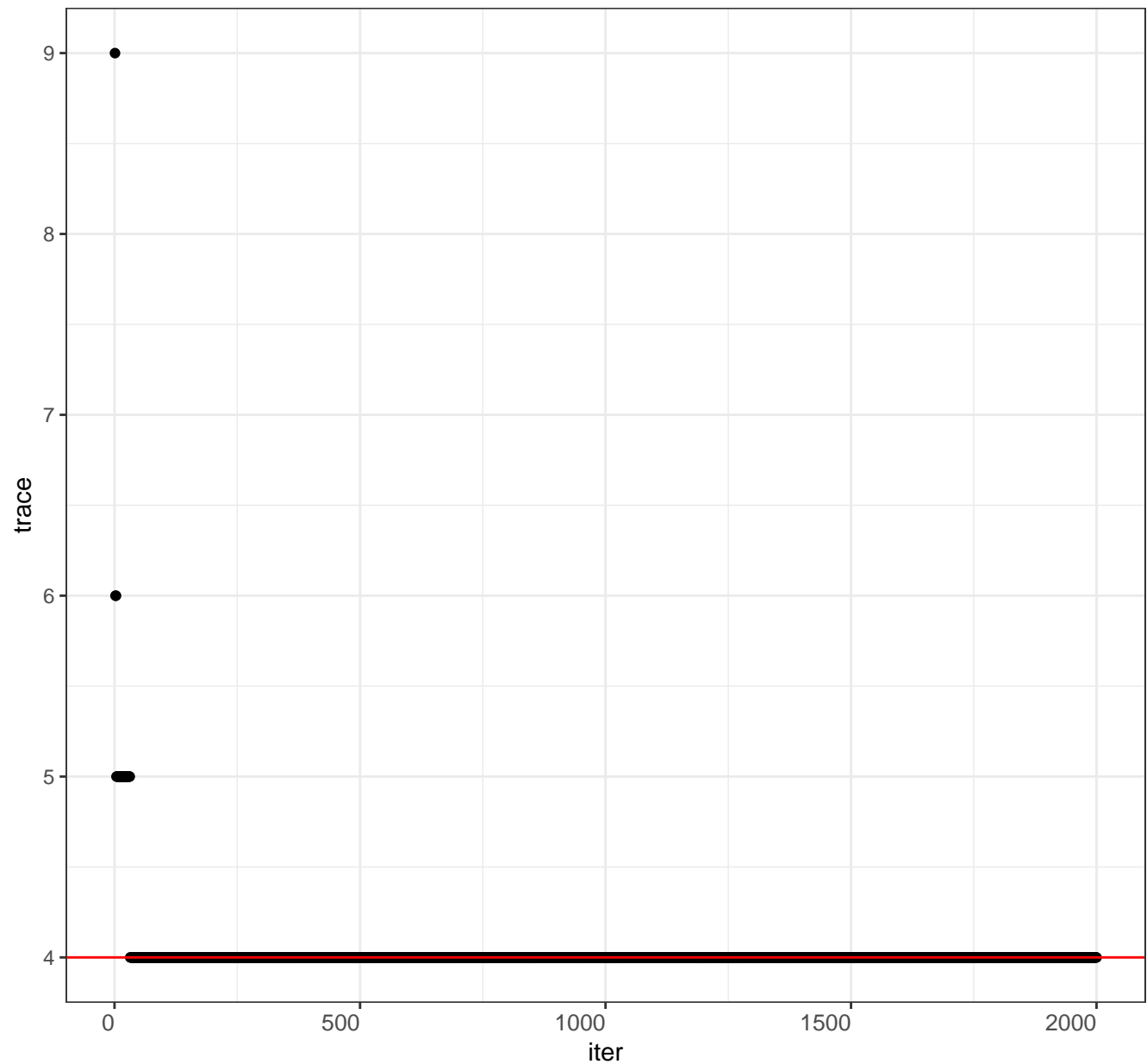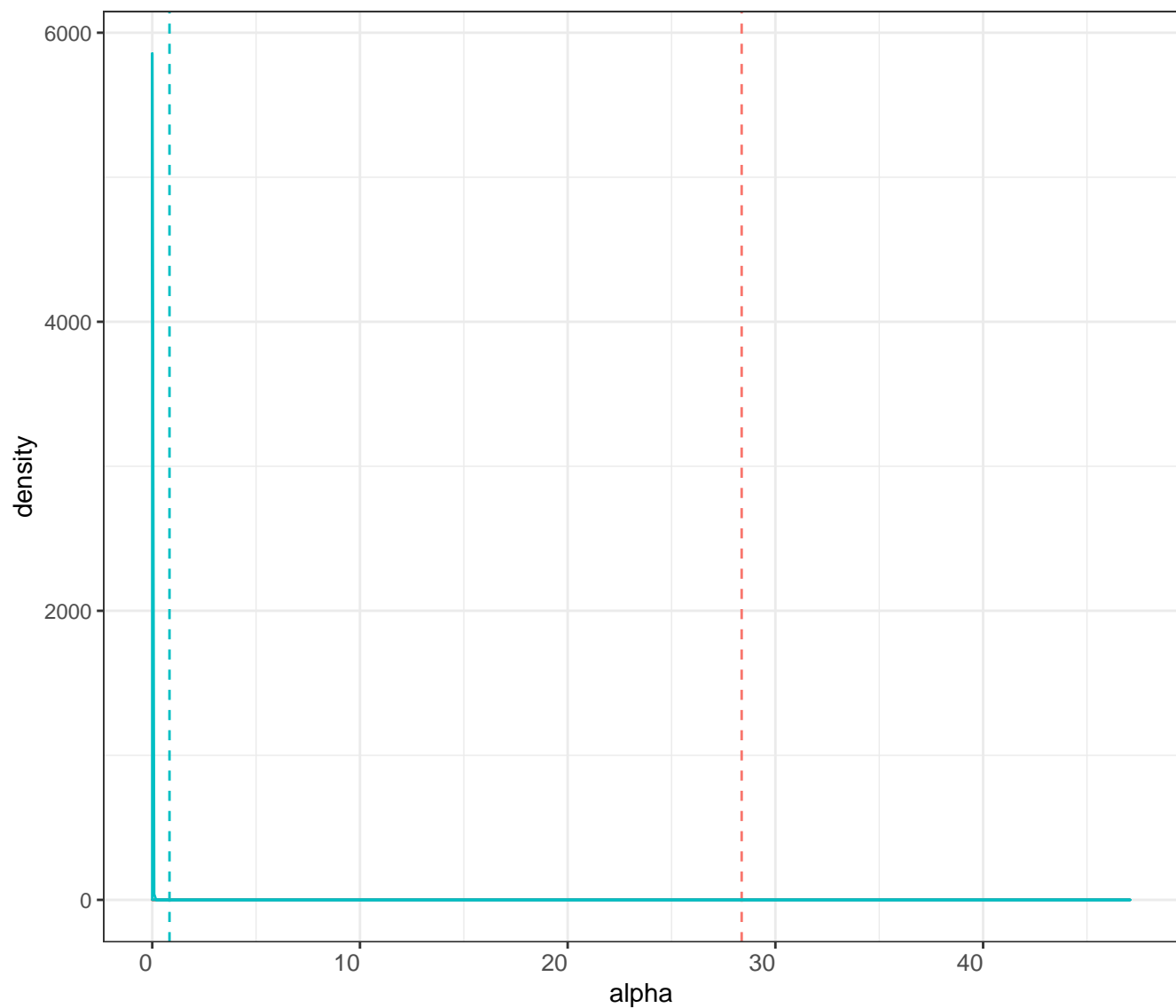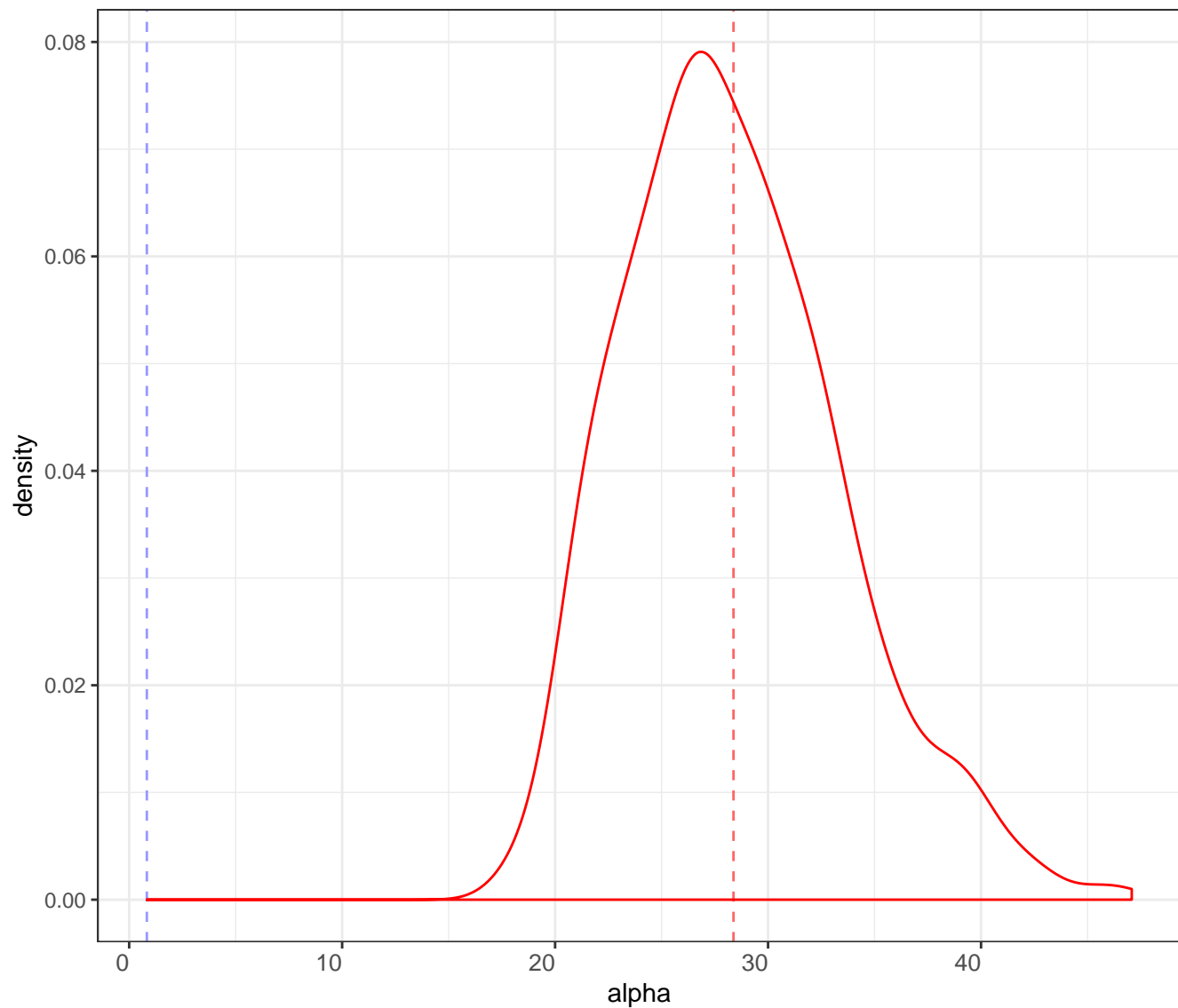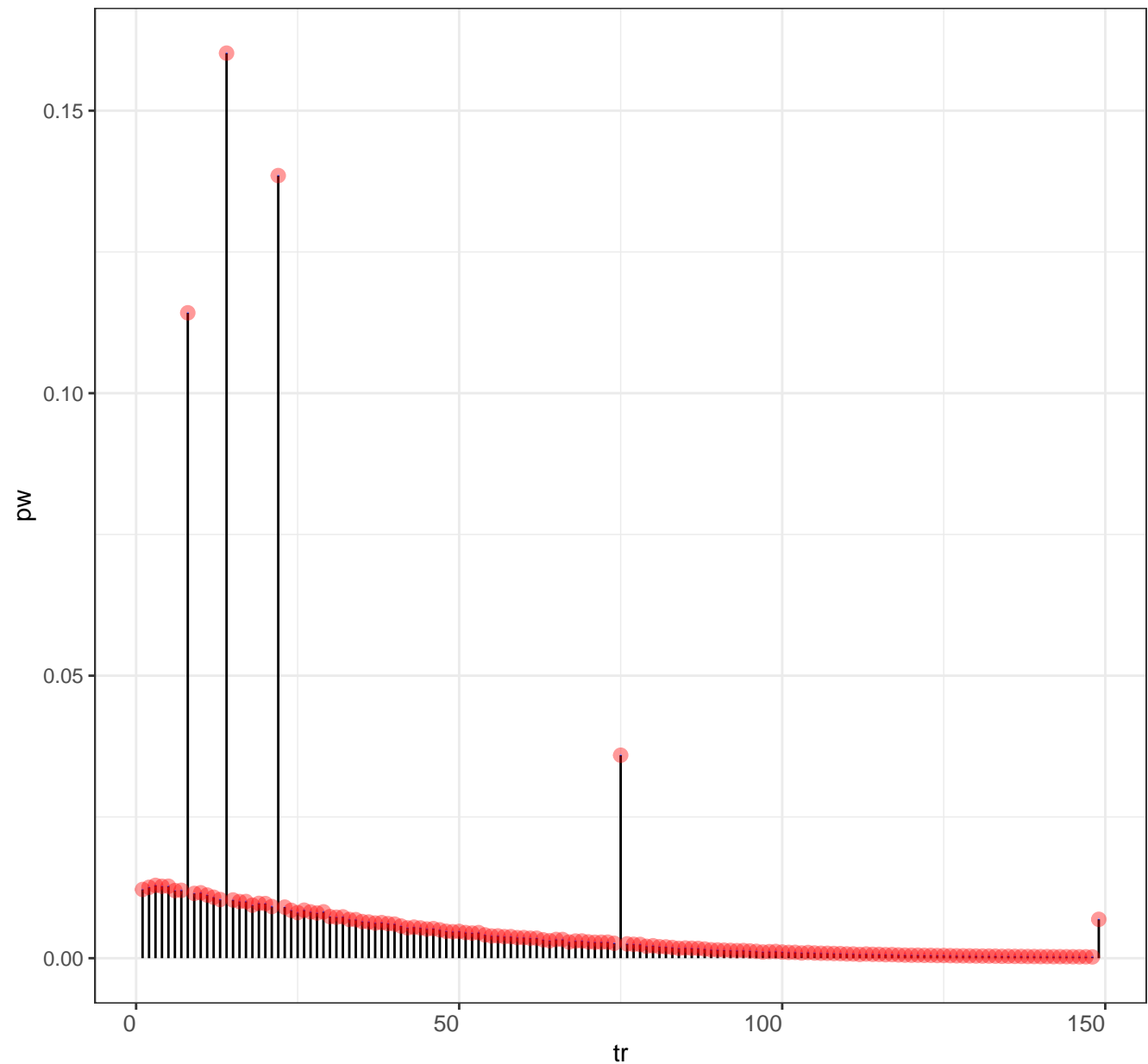Number of iterations: 2000 burnin: 1000 number of samples: 500
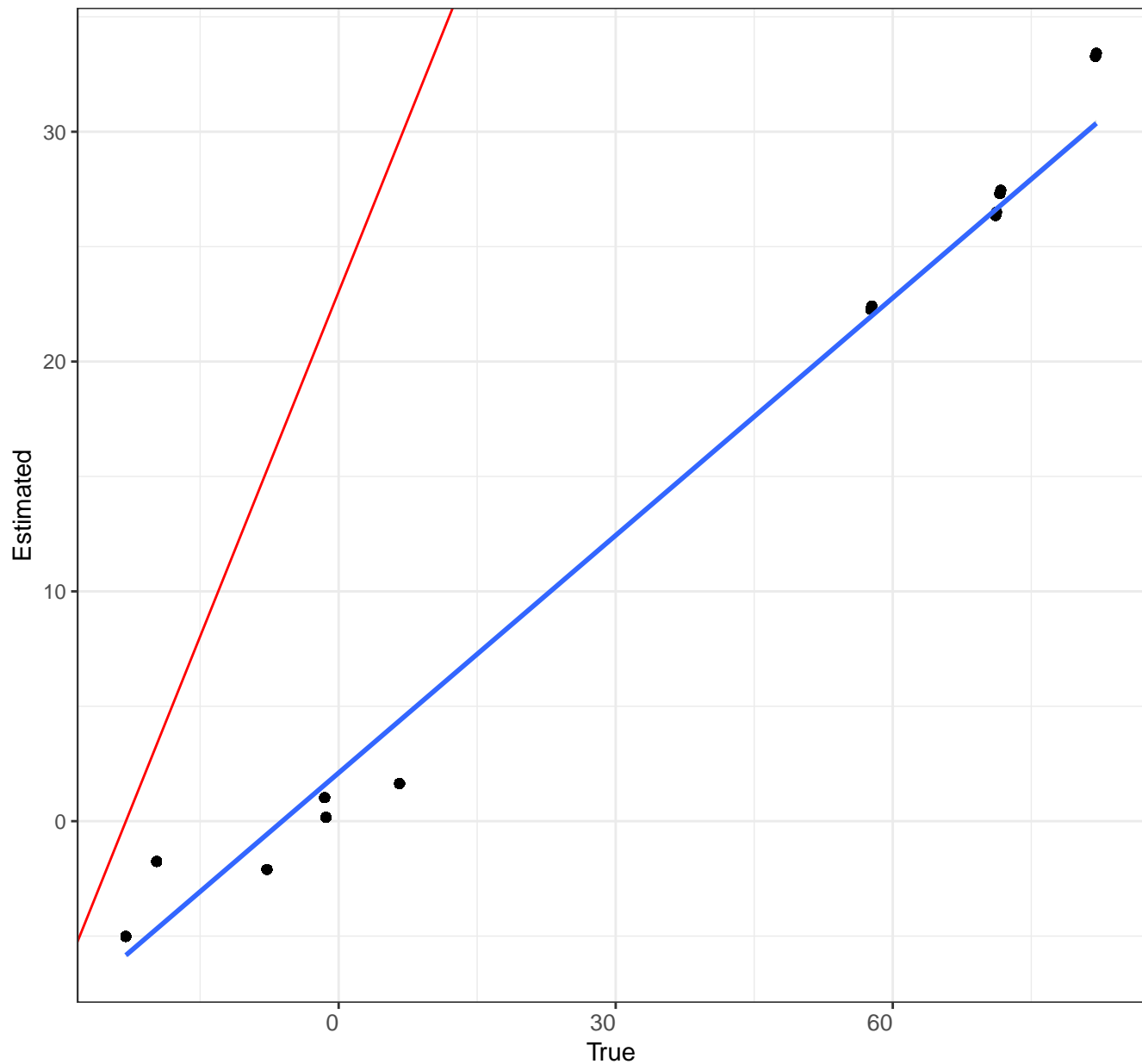
Posterior distribution for alpha

Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=5 true gr K=4 ,type=1 ,N=150

Weights for the case: S=50 ,r=5 true gr K=4 ,type=1 ,N=150 pN=0.007

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

True vs estimated covariance parameters

Estimated

True

Number of iterations: 2000 burnin: 1000number of samples: 500S=50 r=5 true K=4 type=1

Trace plot for the number of groups K for S=50 r=10 true K=4 type=1

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

Distribution alpha: S=50 ,r=10 true gr K=4 ,type=1 ,N=150

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=1 ,N=150

Weights for the case: S=50 ,r=10 true gr K=4 ,type=1 ,N=150 pN=0.002

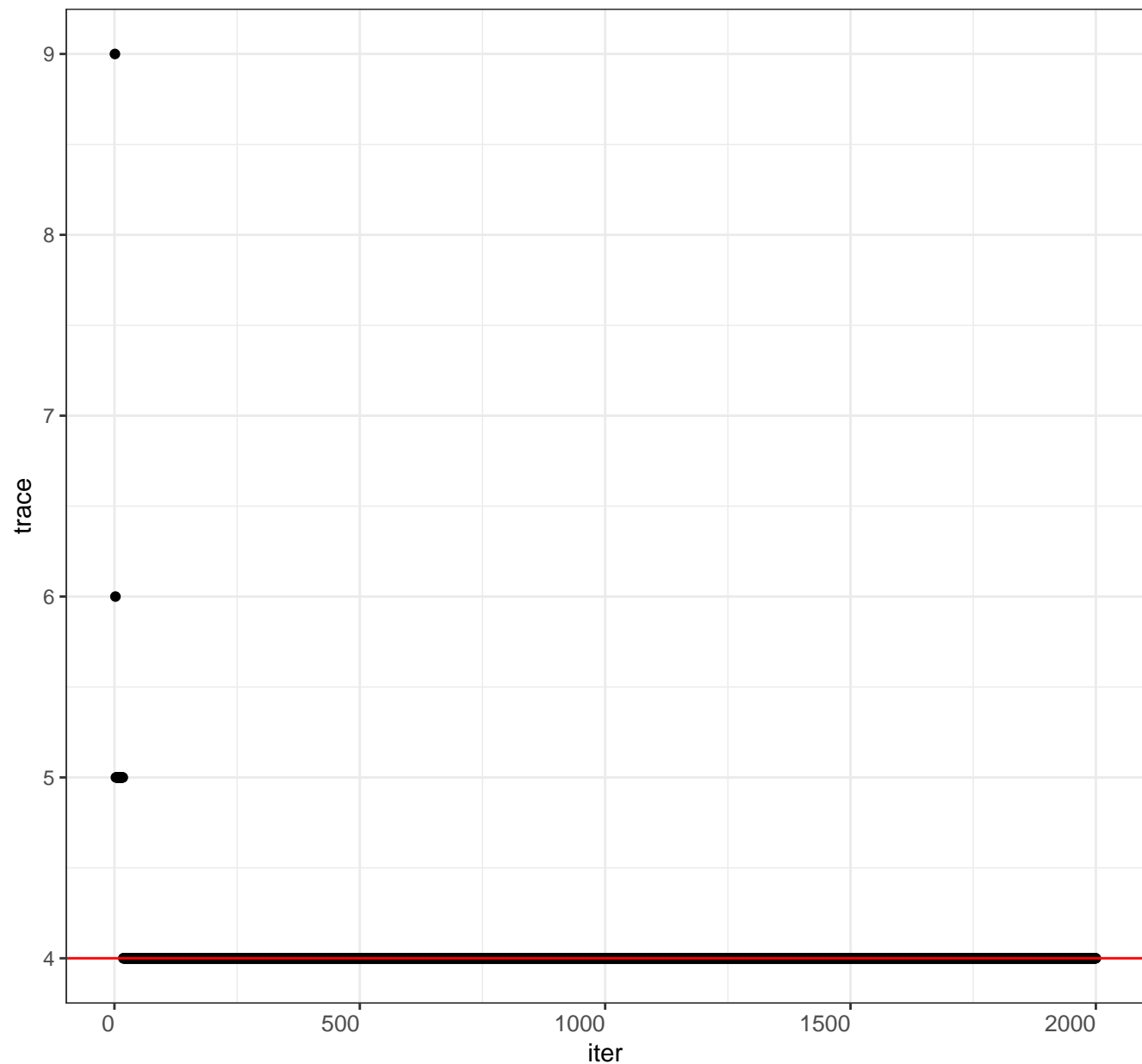Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=50 r=10 true K=4 type=1
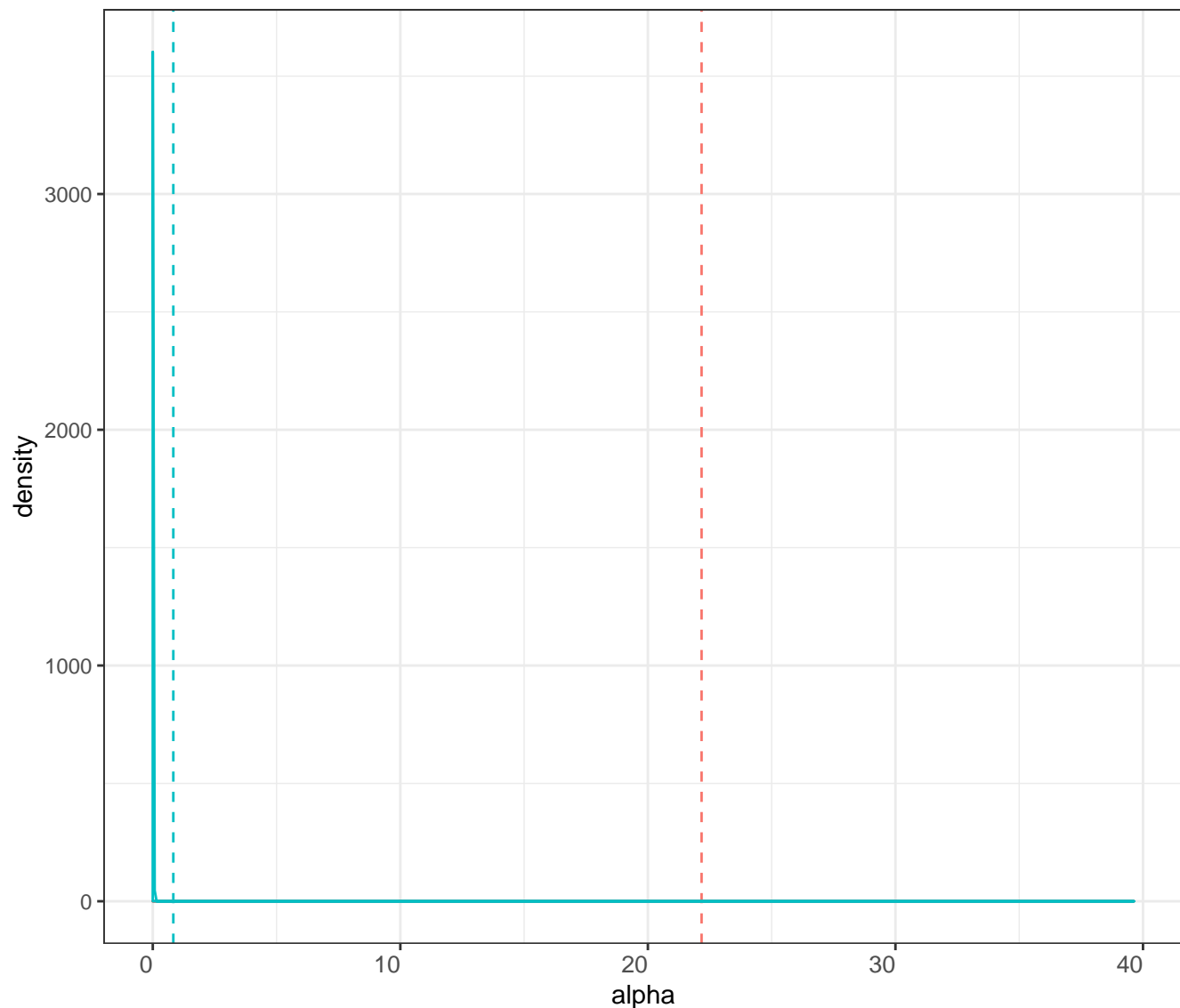
Trace plot for the number of groups K for S=50 r=10 true K=4 type=1

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

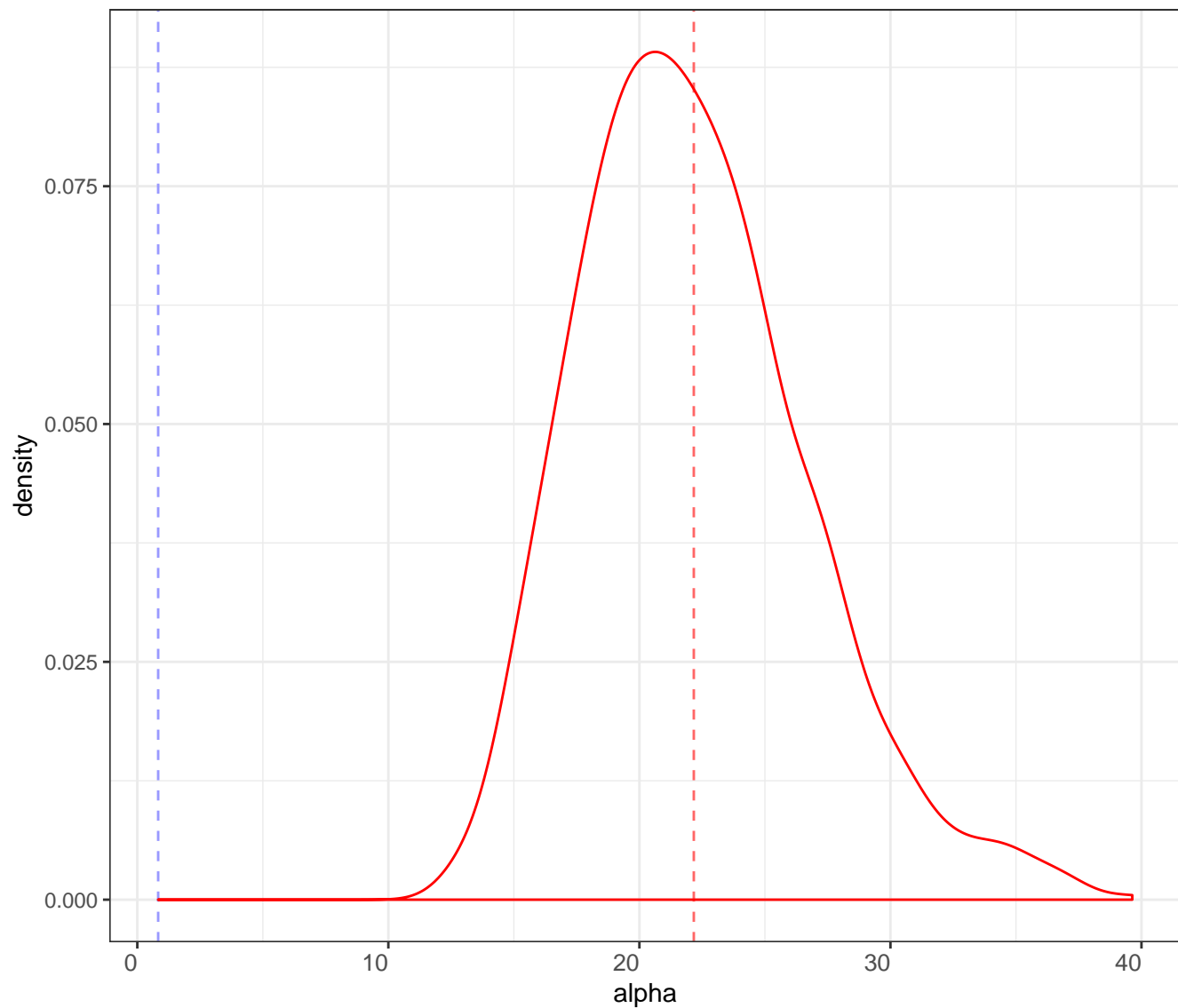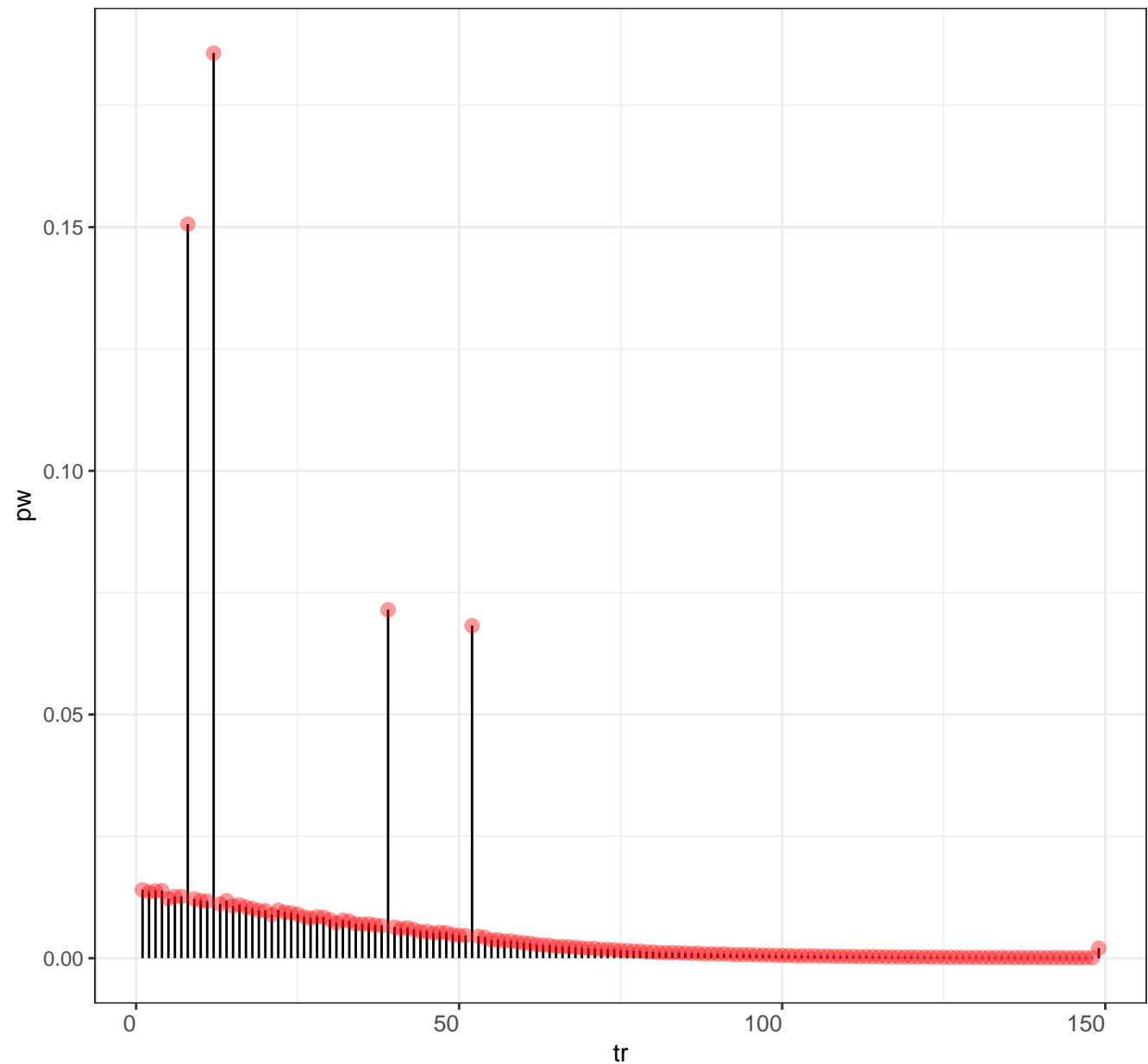Distribution alpha: S=50 ,r=10 true gr K=4 ,type=1 ,N=150

Number of iterations: 2000 burnin: 1000 number of samples: 500
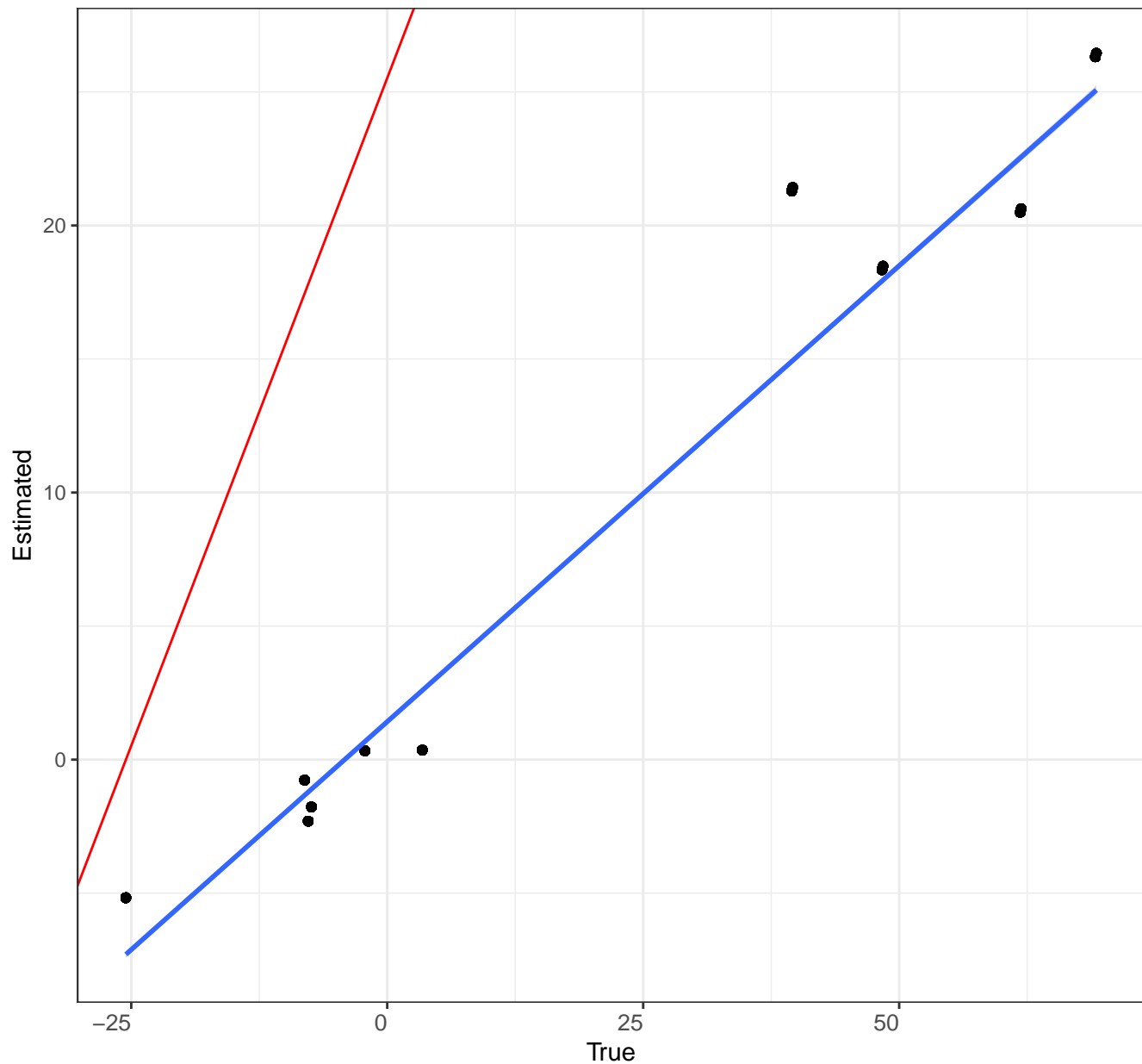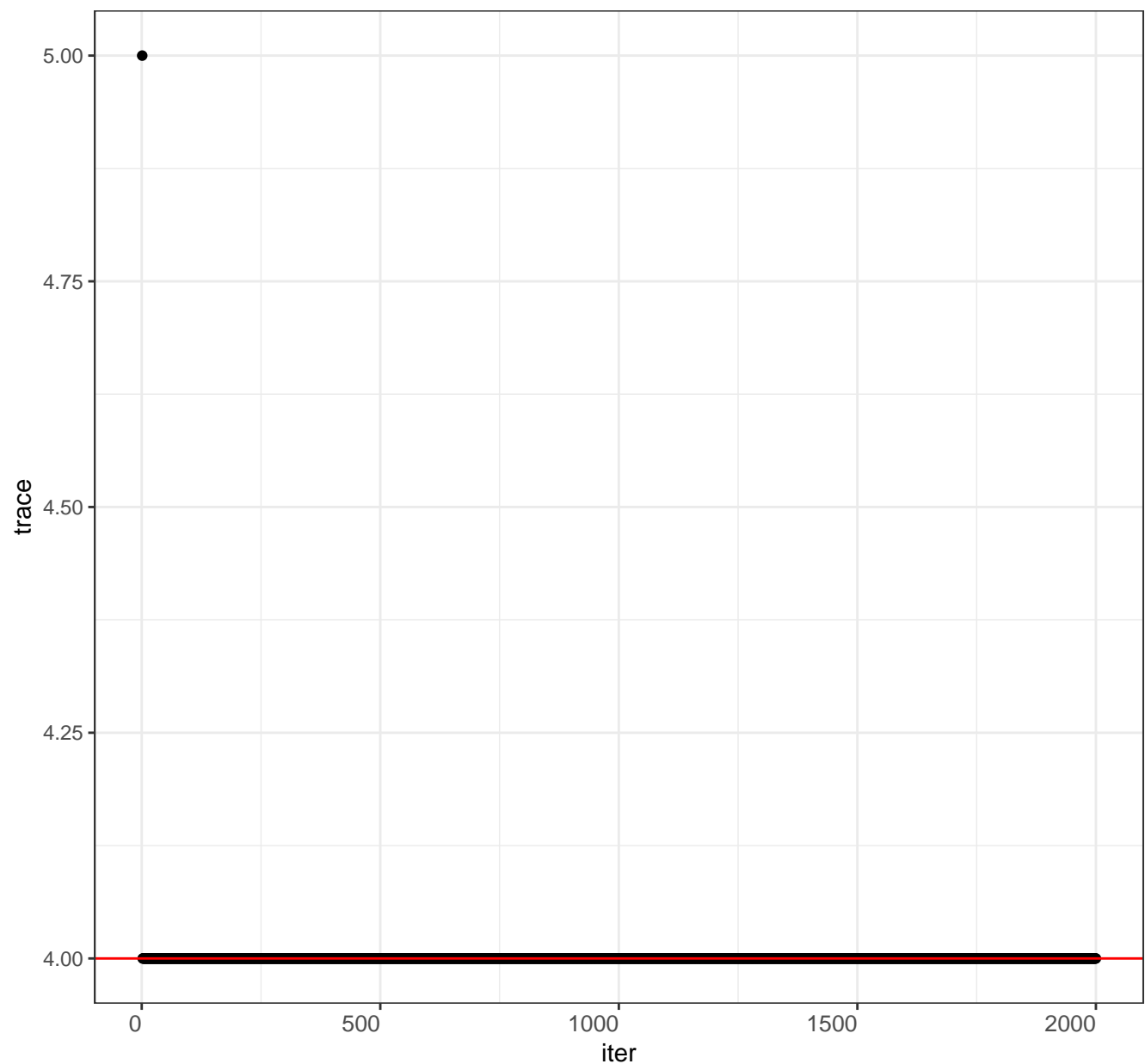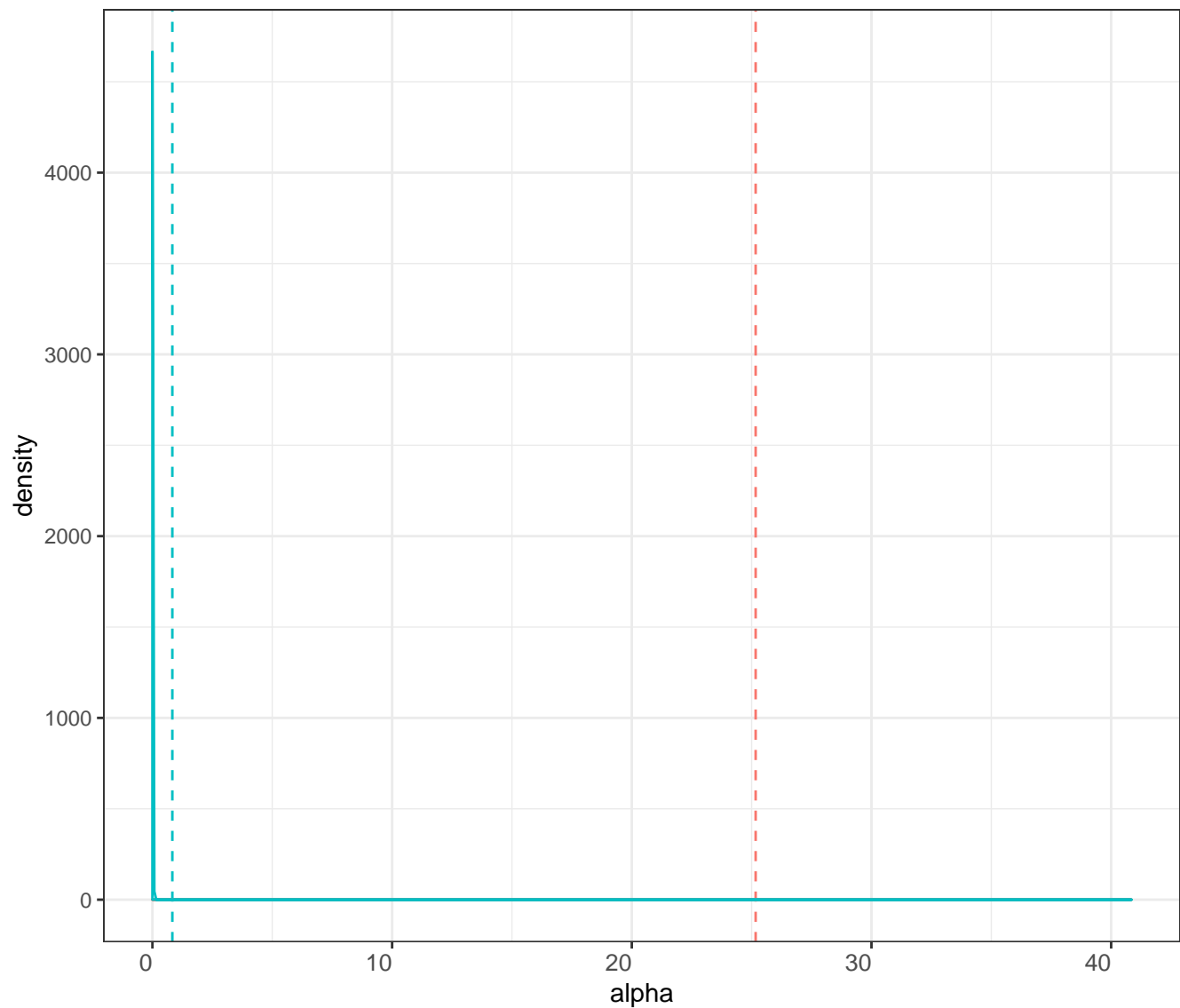
Posterior distribution for alpha

Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=10 true gr K=4 ,type=1 ,N=150

Weights for the case: S=50 ,r=10 true gr K=4 ,type=1 ,N=150 pN=0.004

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

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=50 r=10 true K=4 type=1

Trace plot for the number of groups K for S=50 r=10 true K=4 type=1

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

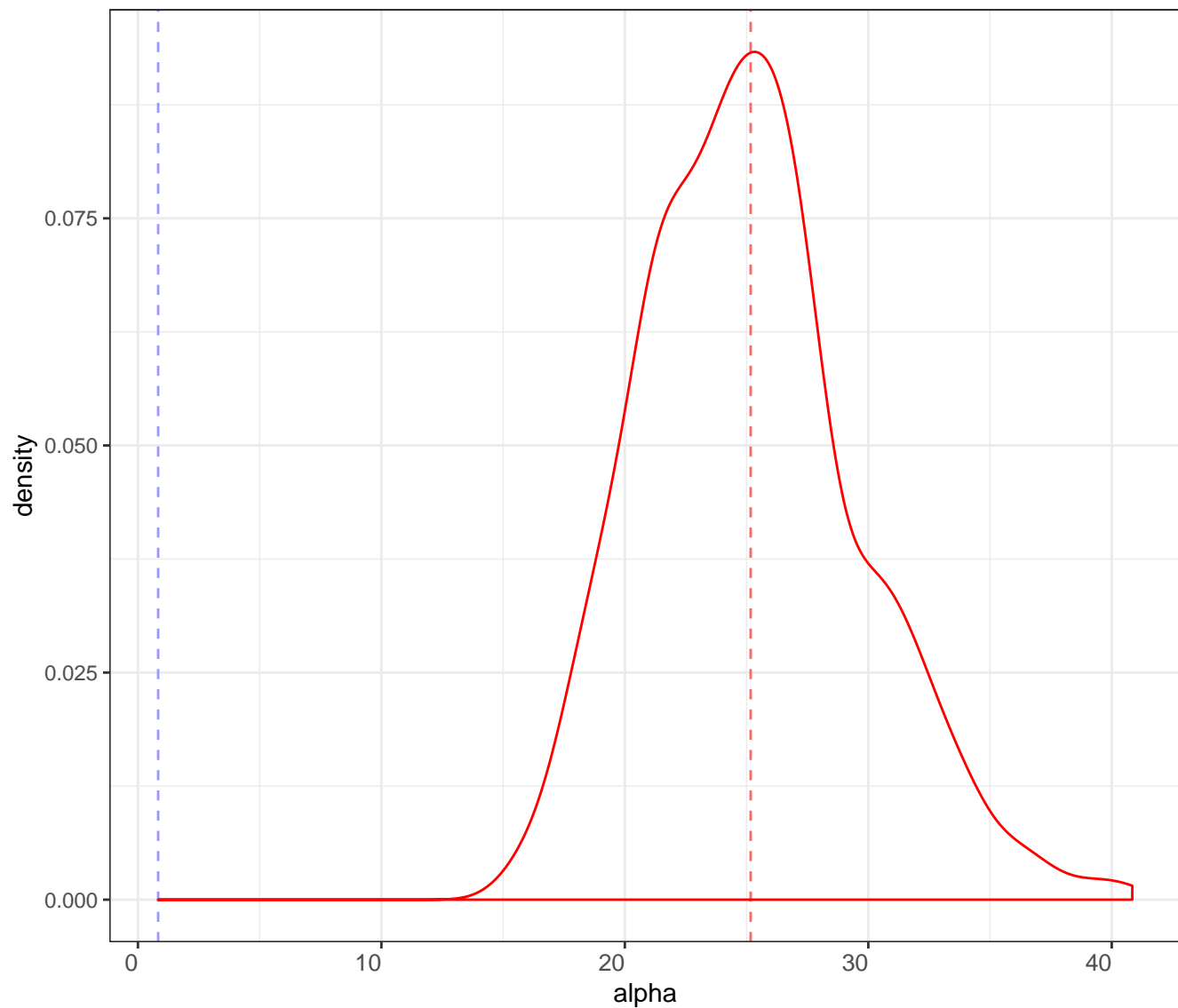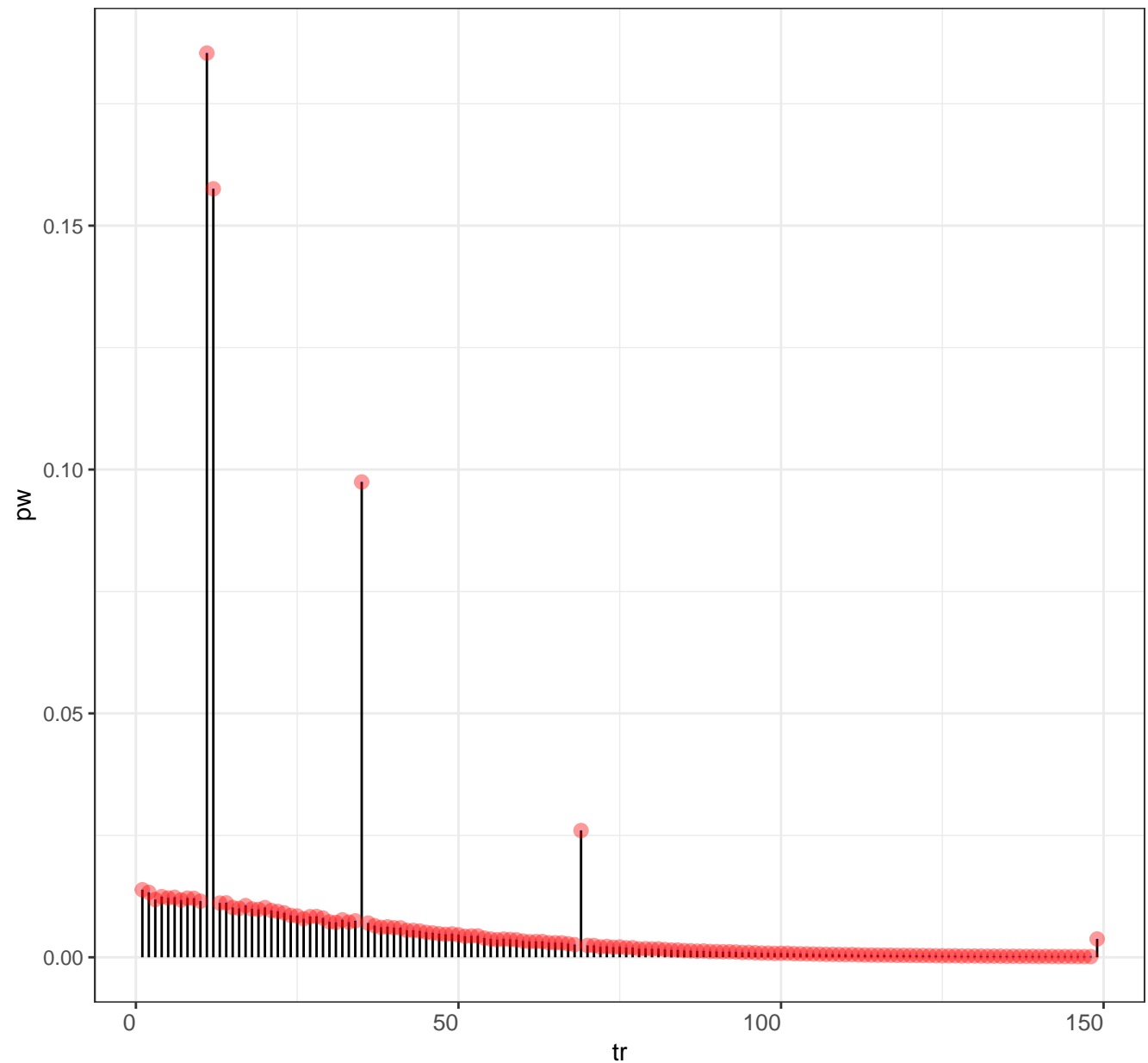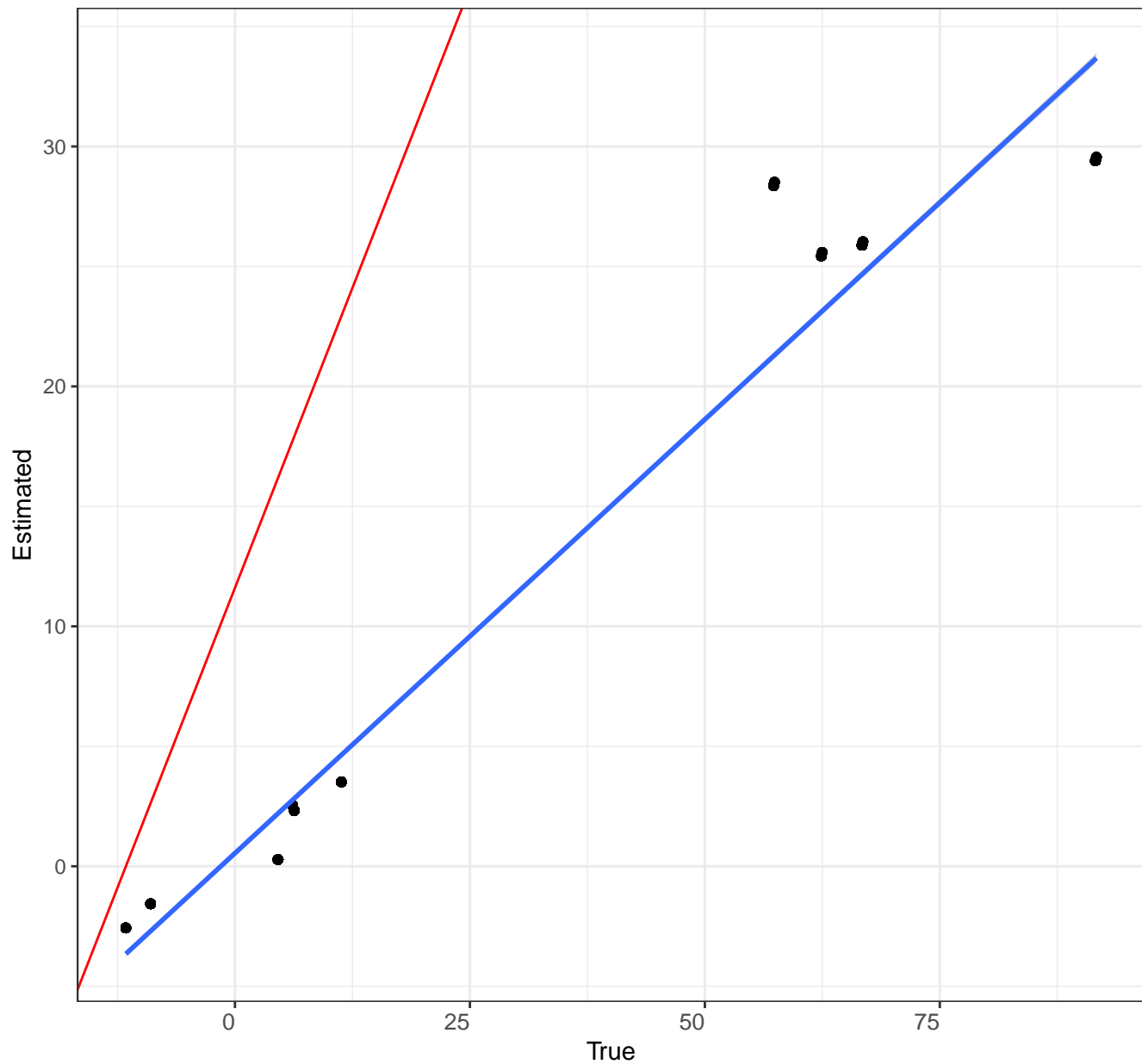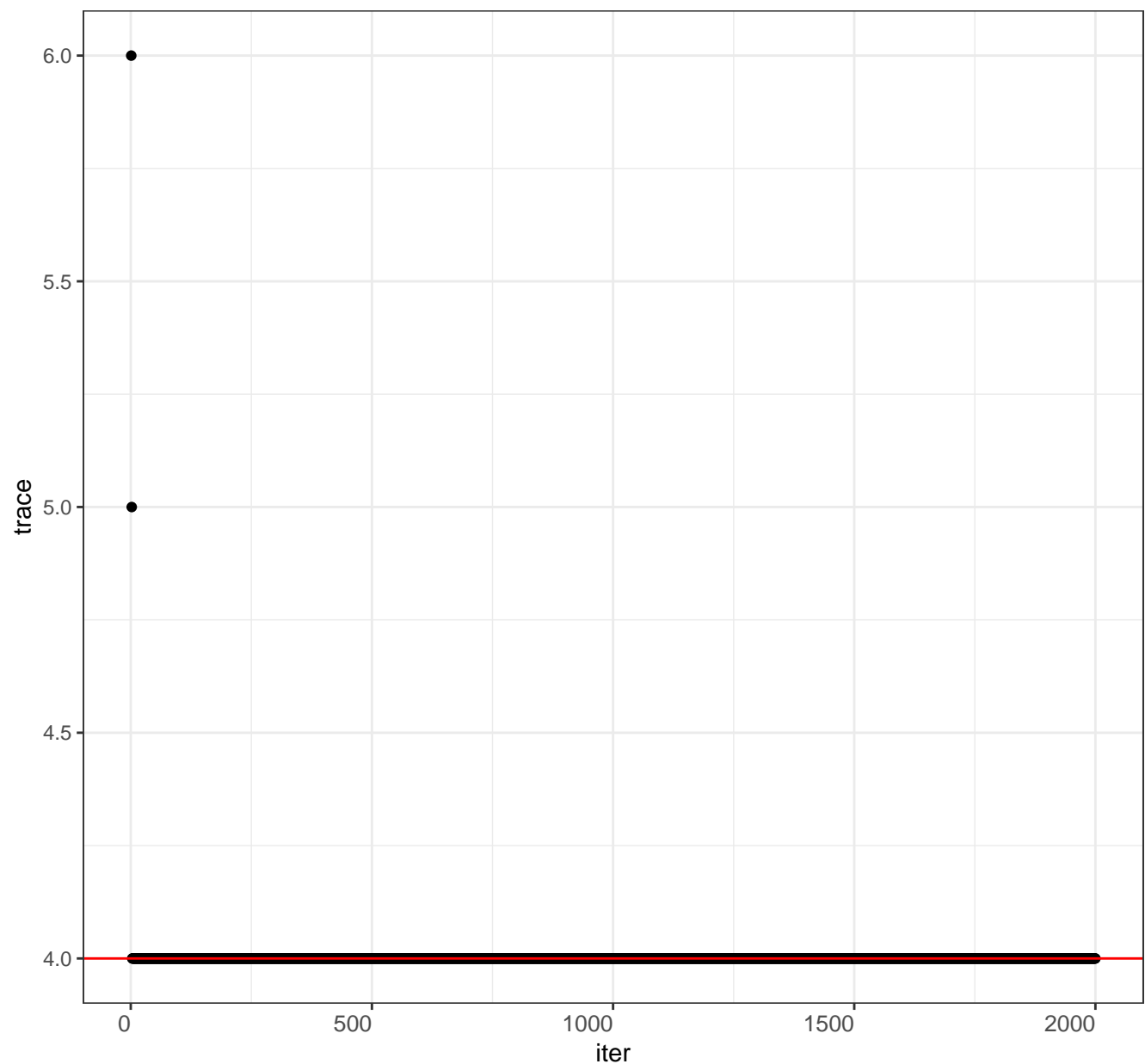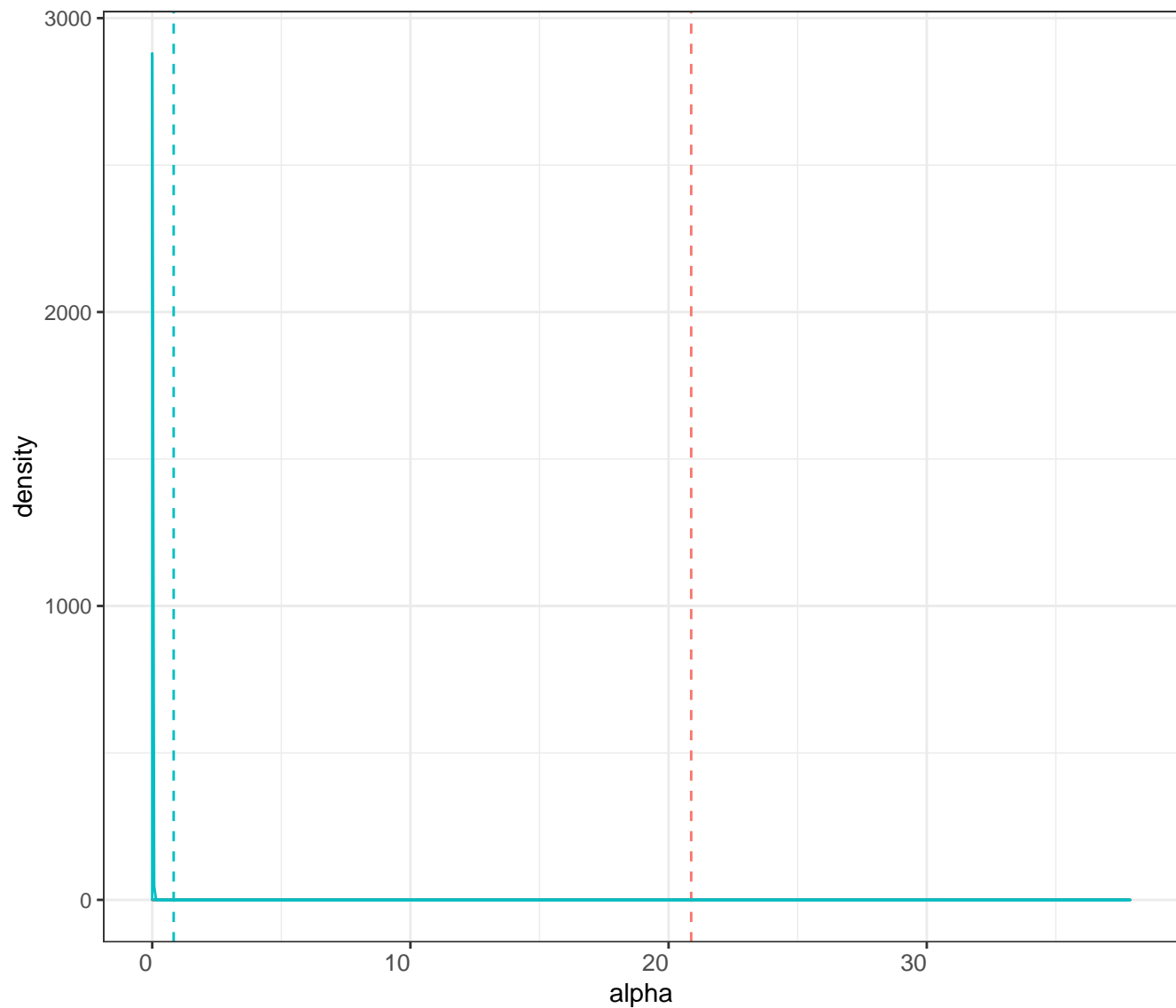Distribution alpha: S=50 ,r=10 true gr K=4 ,type=1 ,N=150

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

Posterior distribution for alpha

Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=10 true gr K=4 ,type=1 ,N=150

Weights for the case: S=50 ,r=10 true gr K=4 ,type=1 ,N=150 pN=0.001

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

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=50 r=10 true K=4 type=1

Trace plot for the number of groups K for S=50 r=10 true K=4 type=1

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

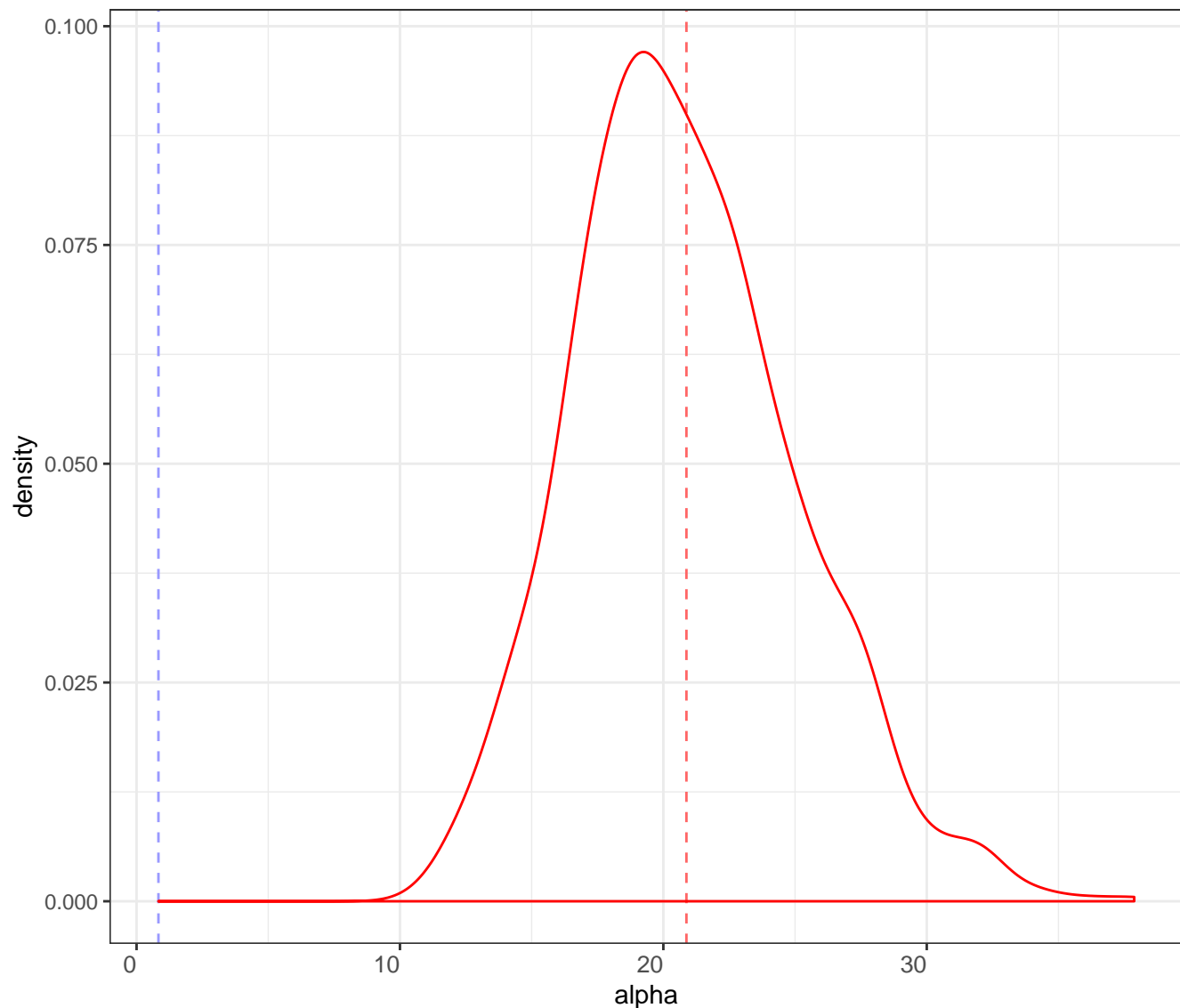Distribution alpha: S=50 ,r=10 true gr K=4 ,type=1 ,N=150

type ┊ posterior ┊ prior

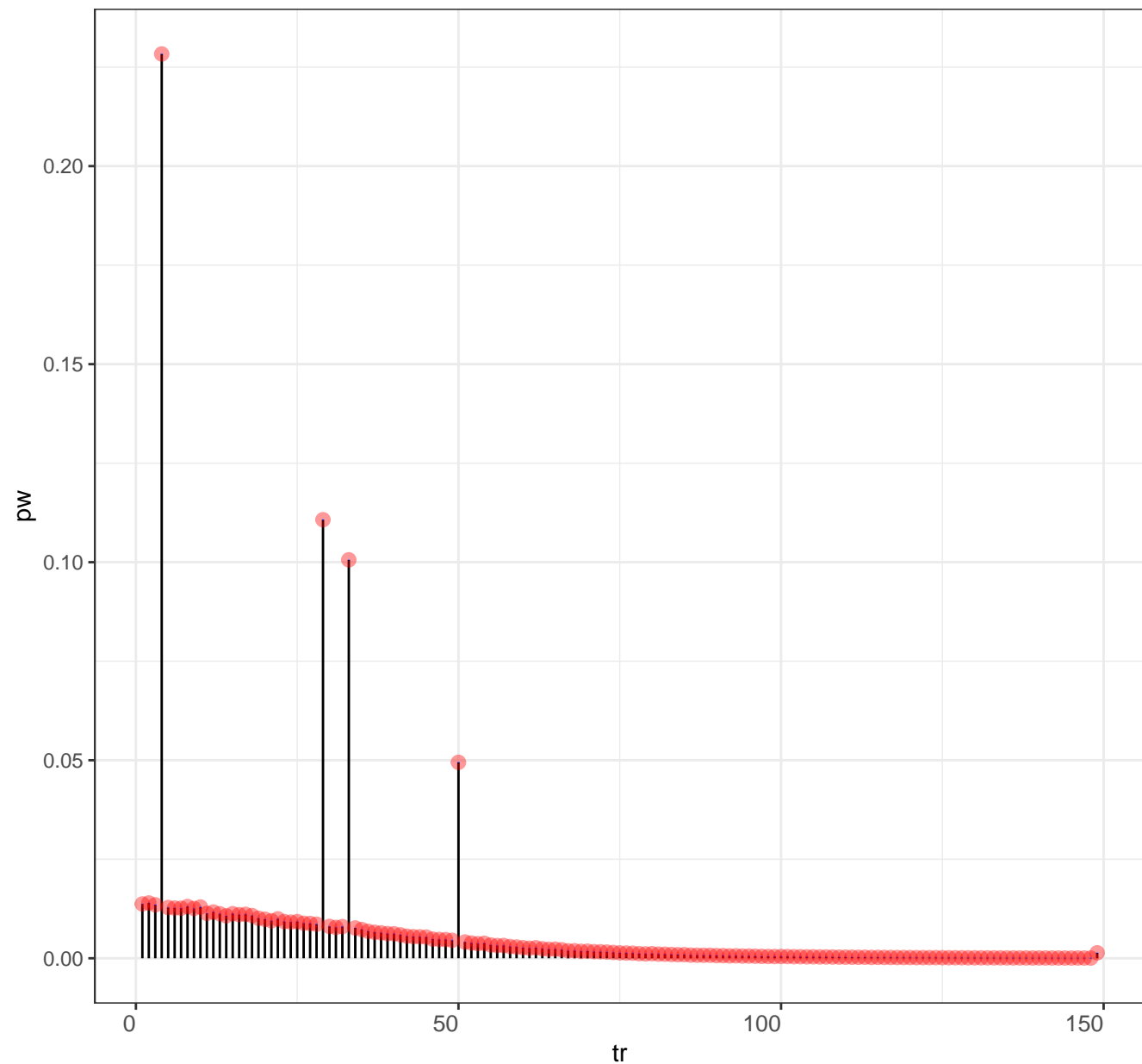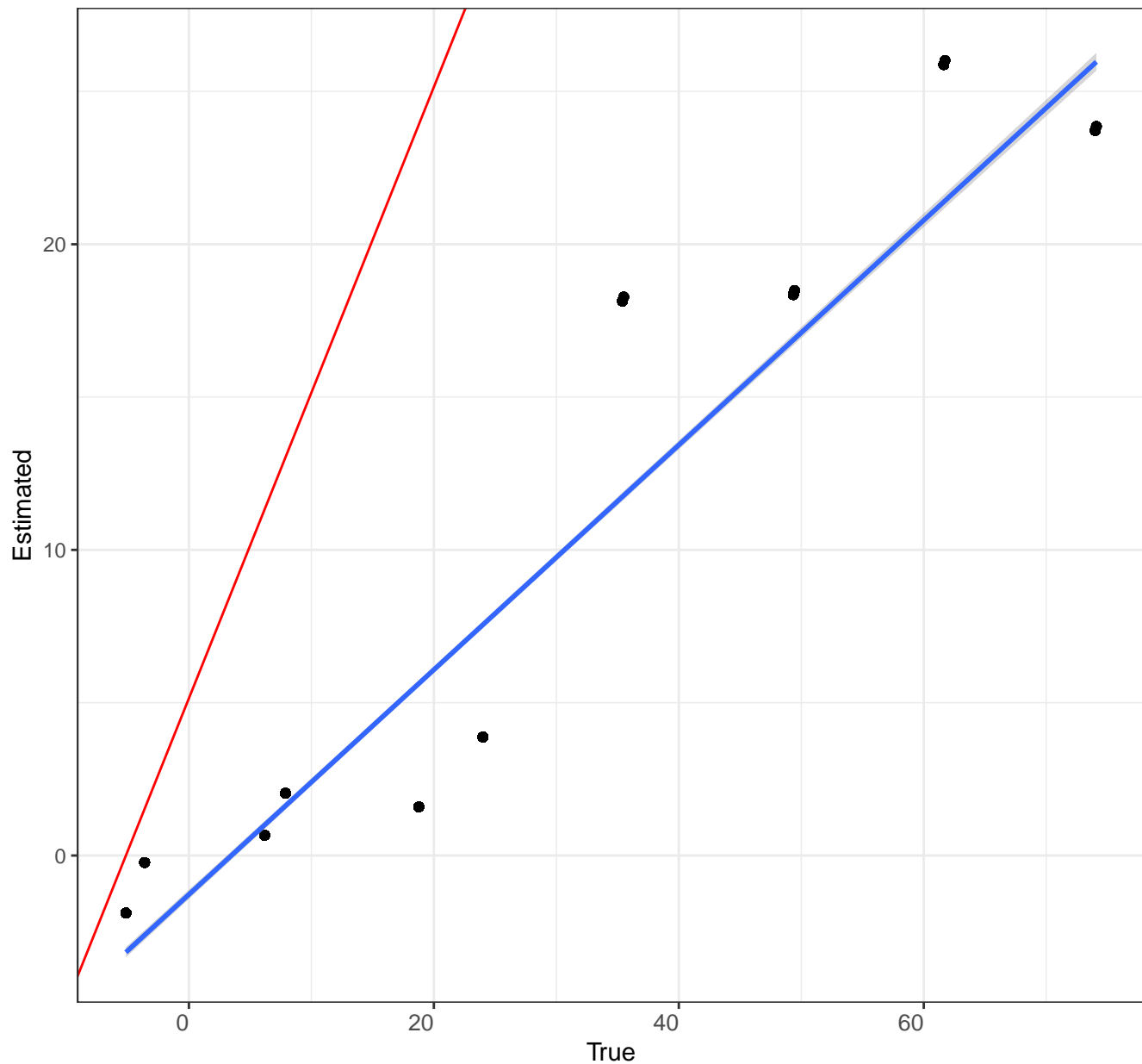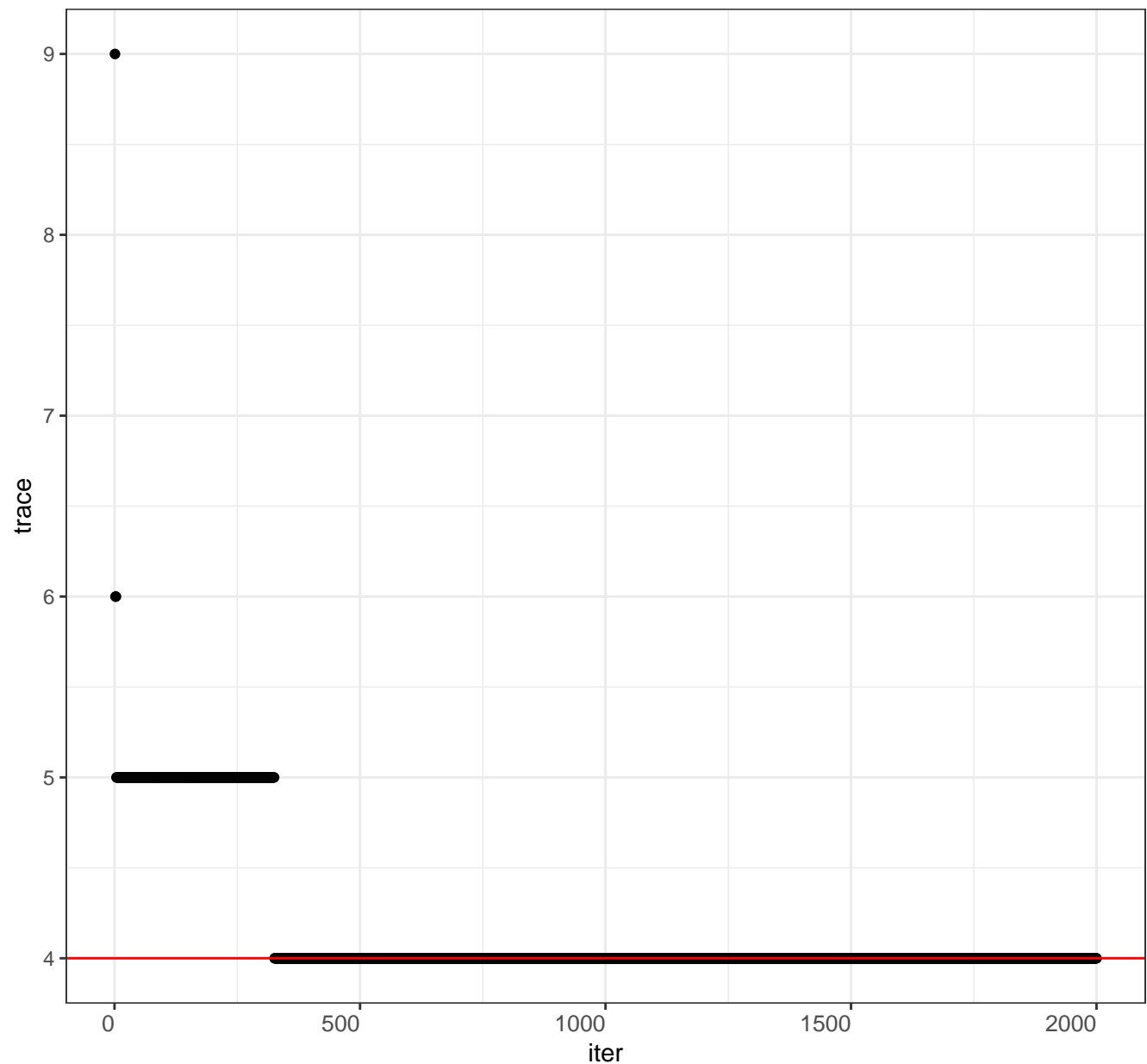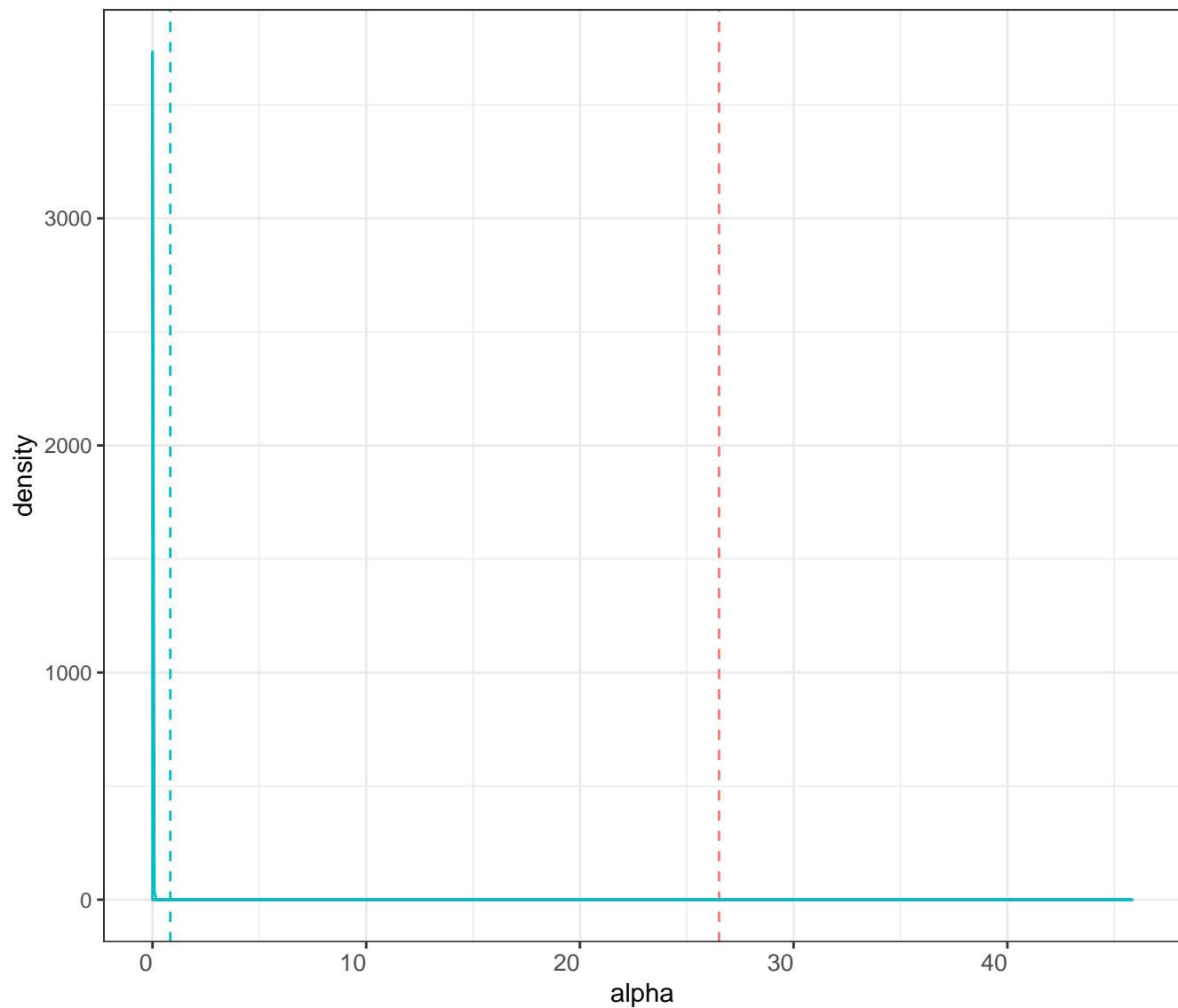Number of iterations: 2000 burnin: 1000 number of samples: 500
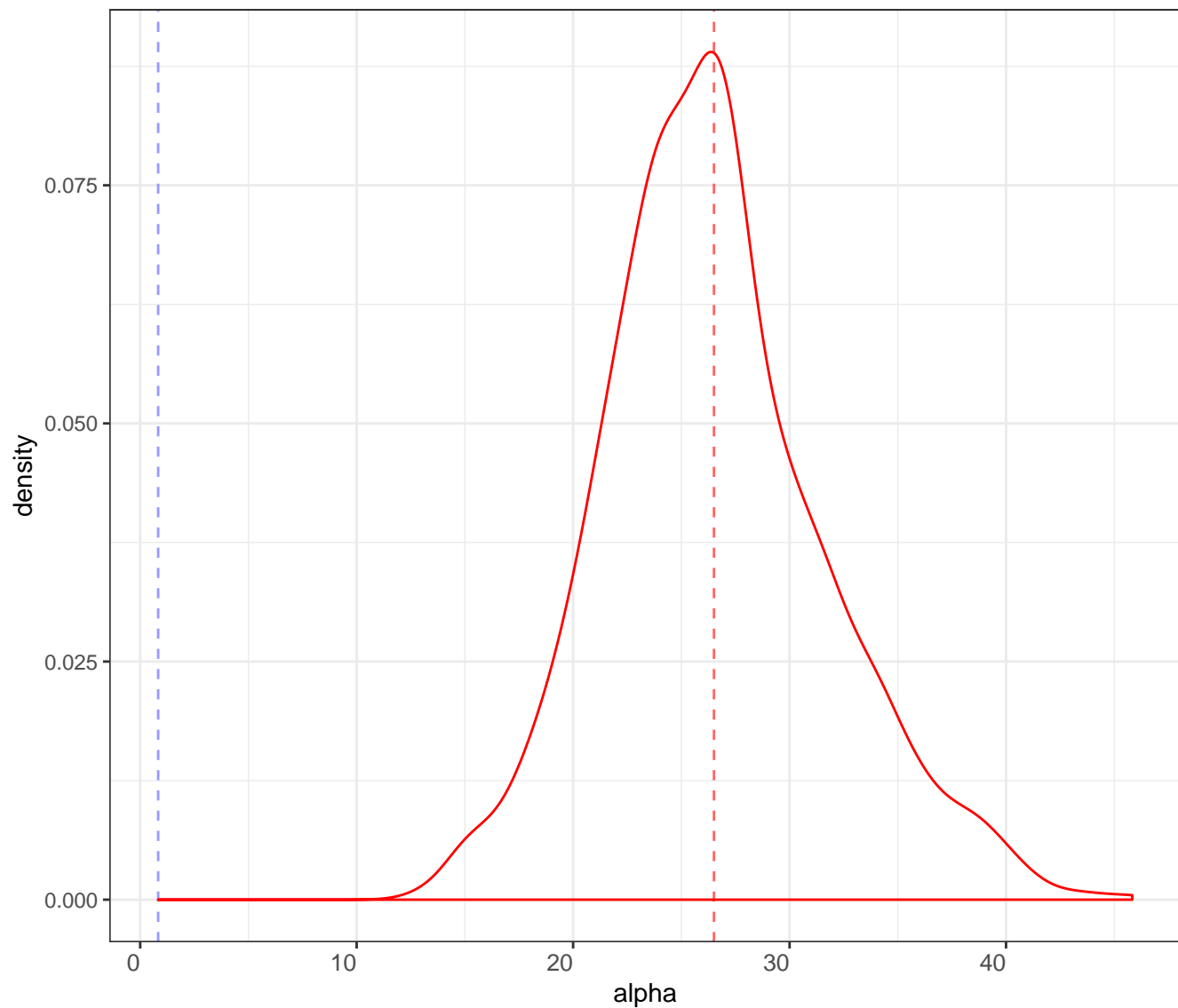
Posterior distribution for alpha
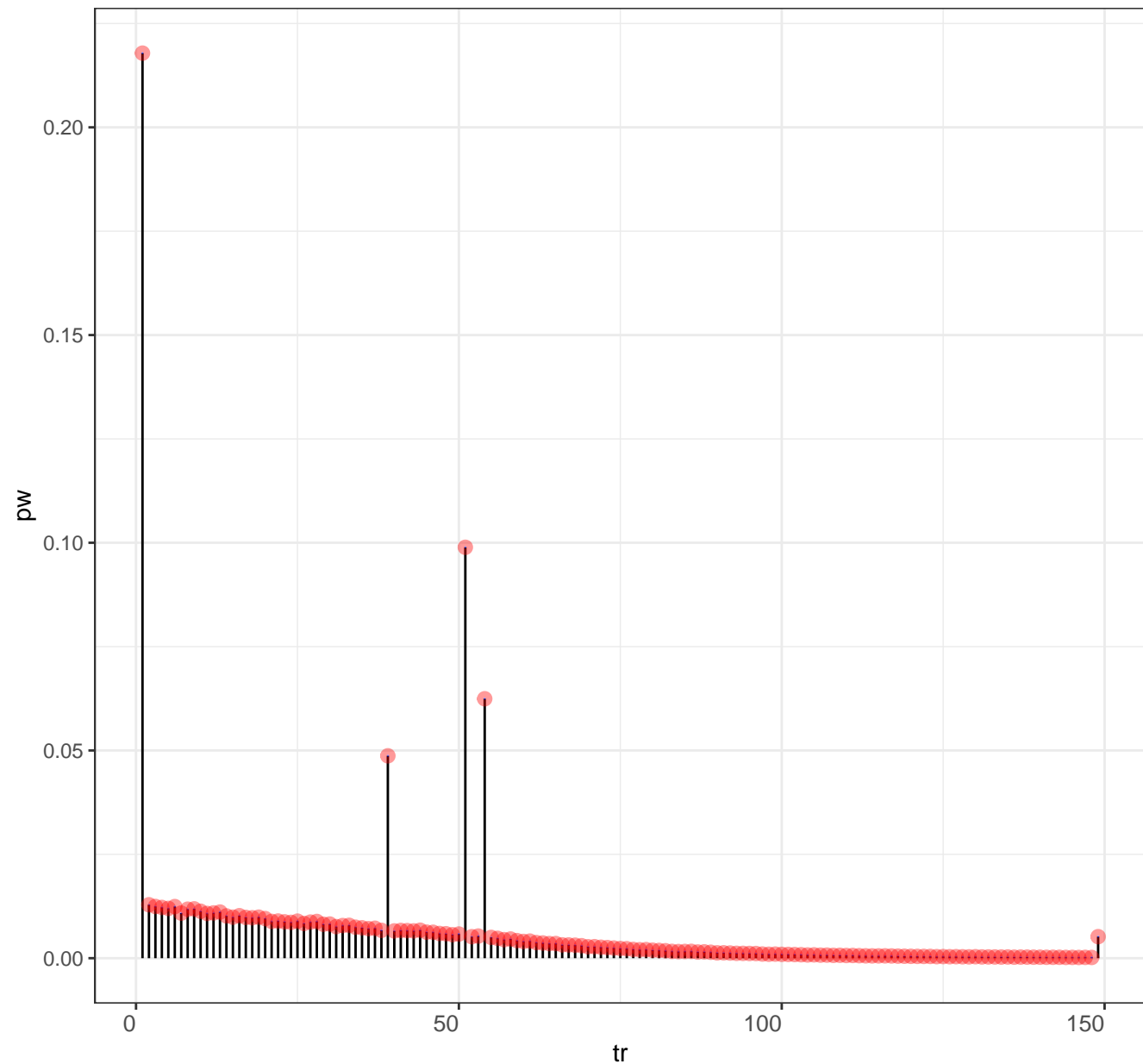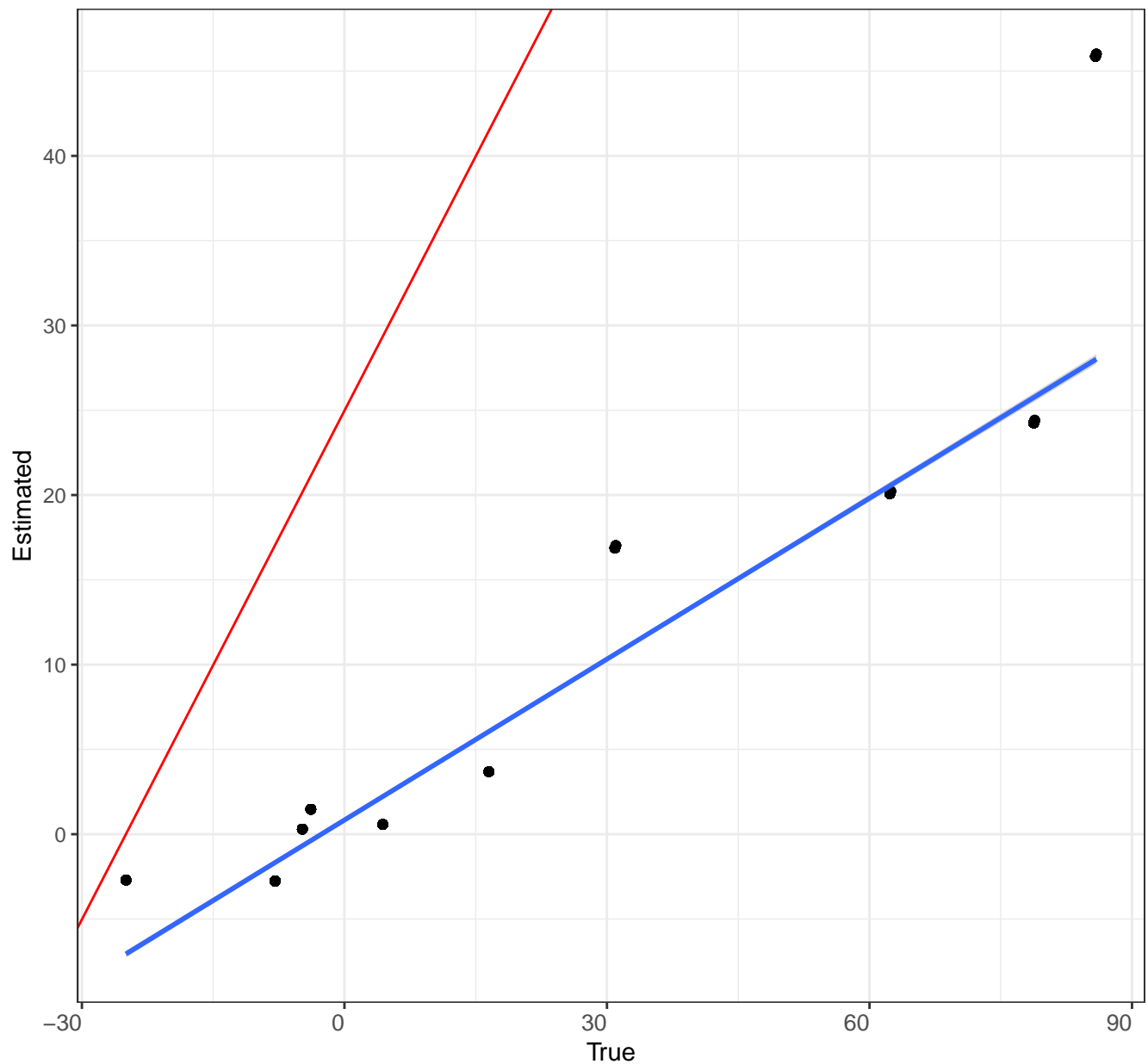
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=10 true gr K=4 ,type=1 ,N=150

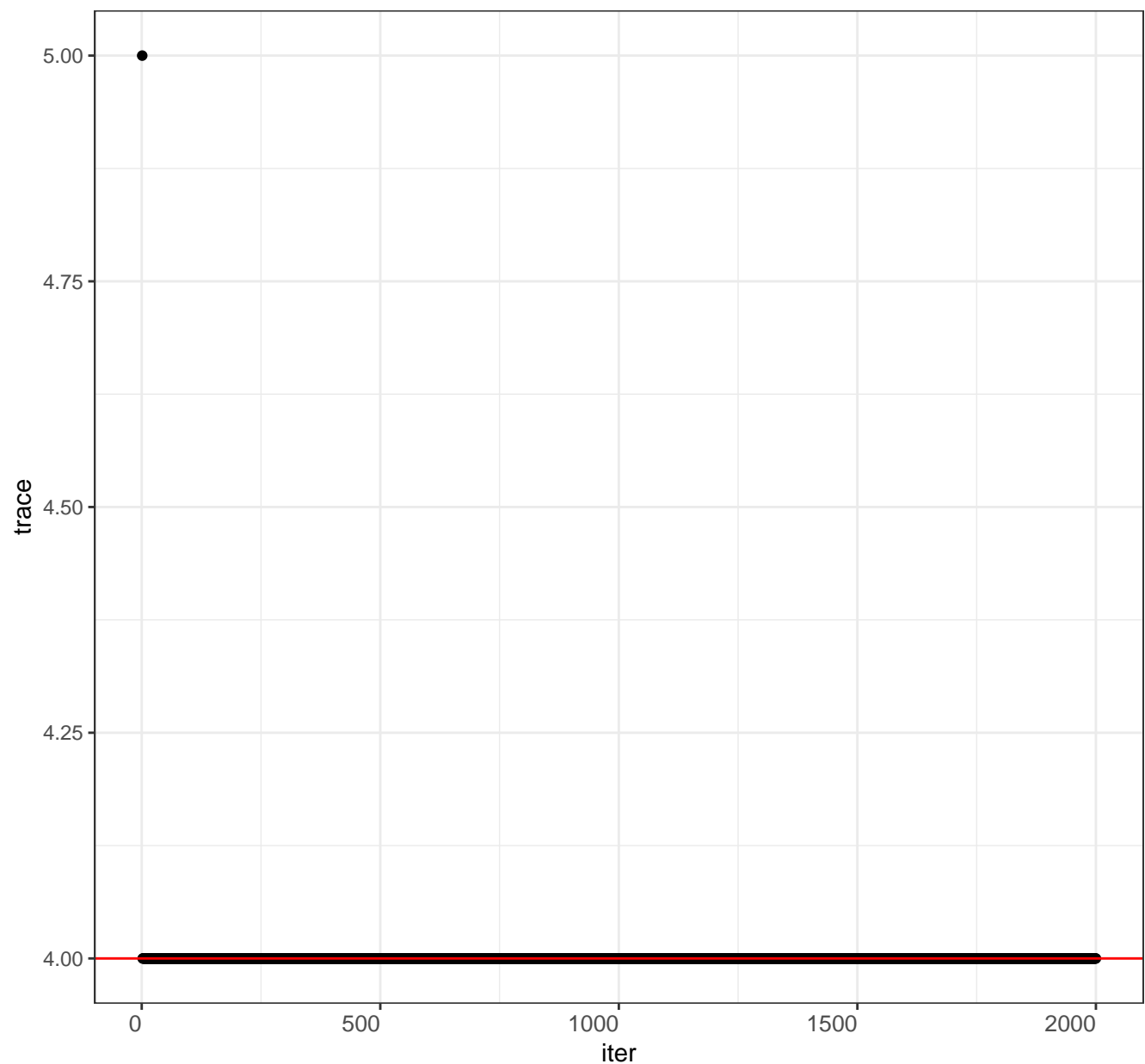Weights for the case: S=50 ,r=10 true gr K=4 ,type=1 ,N=150 pN=0.005

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

True vs estimated covariance parameters

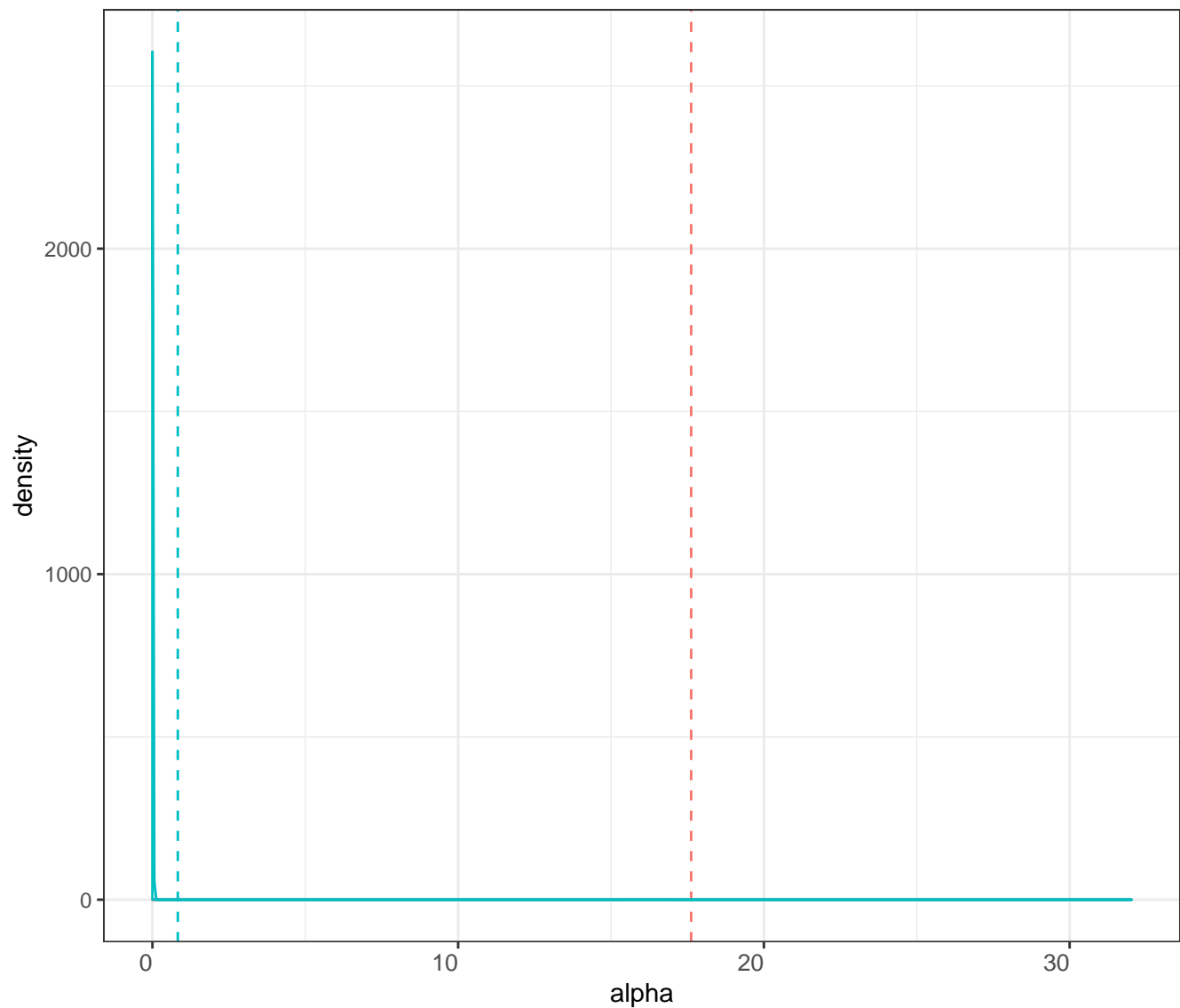Number of iterations: 2000 burnin: 1000number of samples: 500S=50 r=10 true K=4 type=1

Trace plot for the number of groups K for S=50 r=10 true K=4 type=1

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

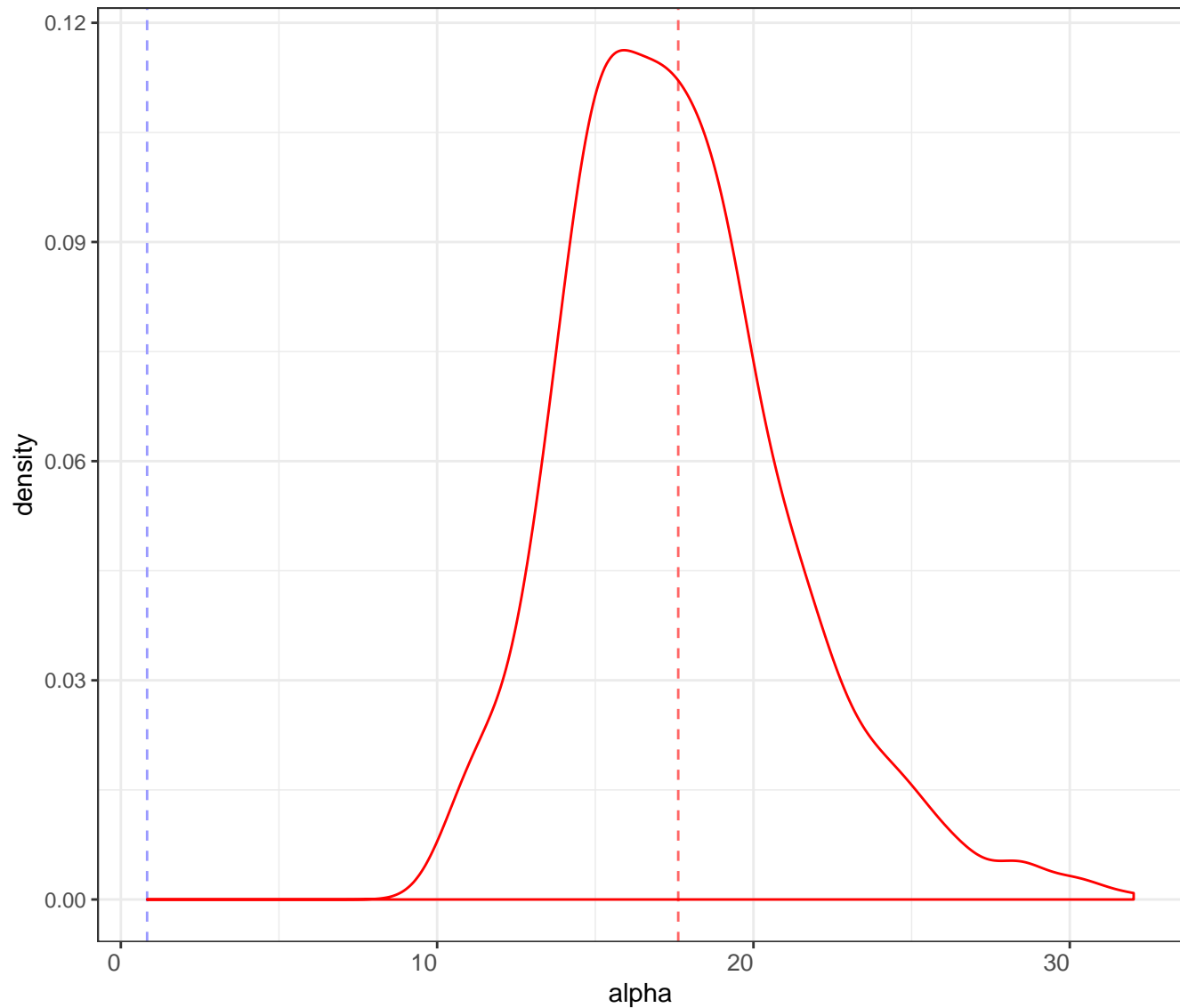Distribution alpha: S=50 ,r=10 true gr K=4 ,type=1 ,N=150

type — posterior — prior

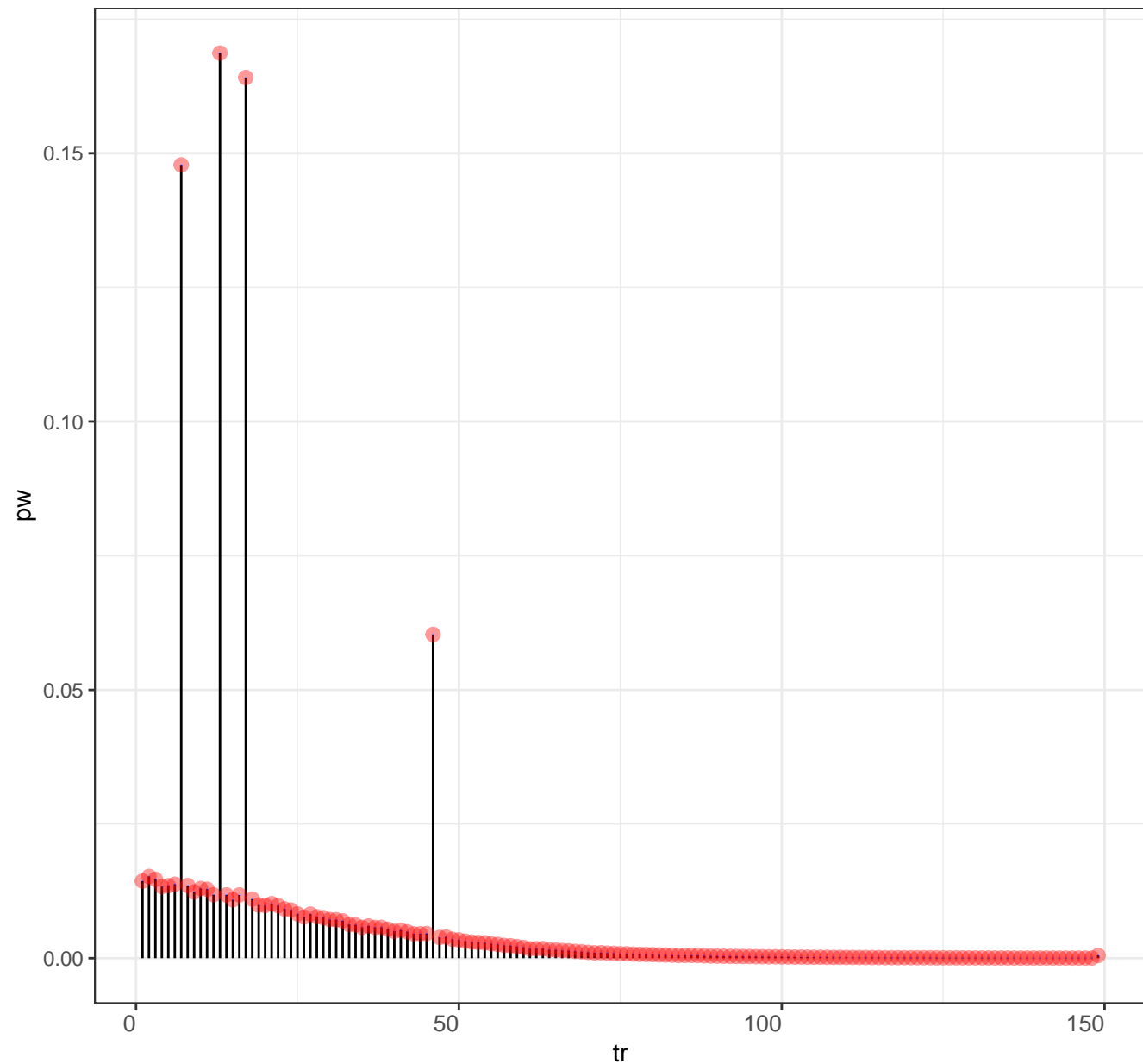Number of iterations: 2000 burnin: 1000 number of samples: 500

Posterior distribution for alpha

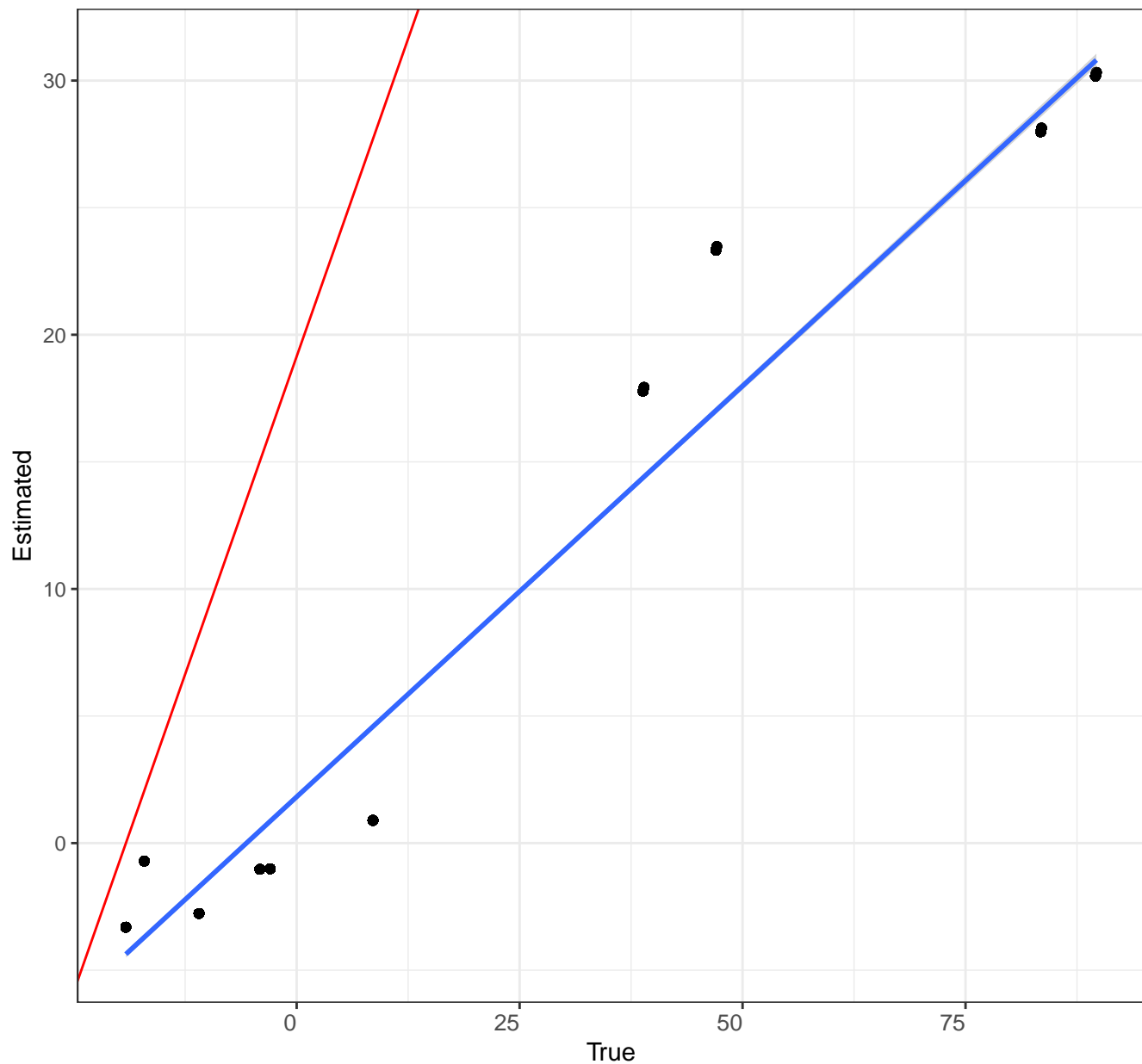Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=10 true gr K=4 ,type=1 ,N=150

Weights for the case: S=50 ,r=10 true gr K=4 ,type=1 ,N=150 pN=0

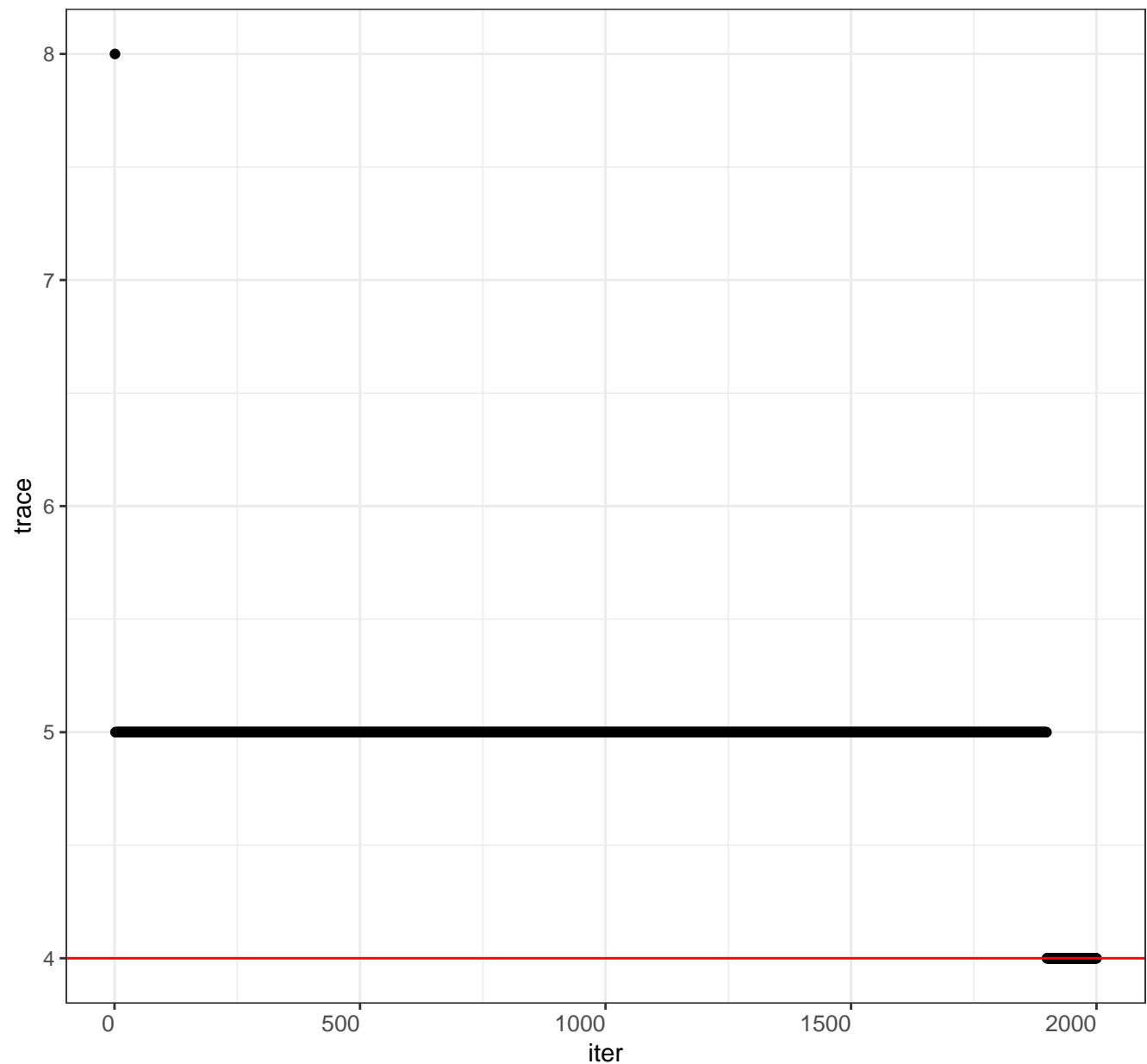Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=50 r=10 true K=4 type=1
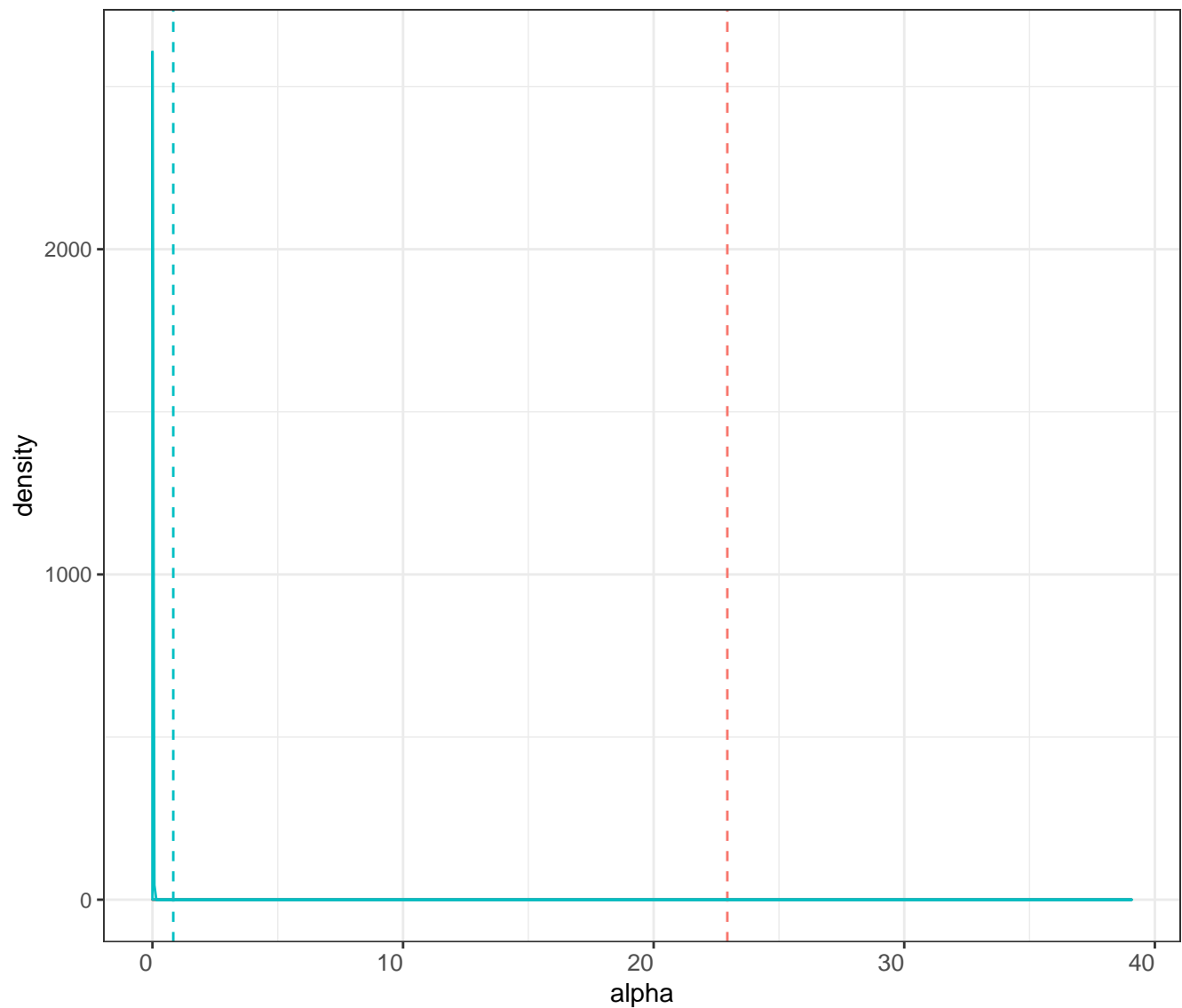
Trace plot for the number of groups K for S=50 r=10 true K=4 type=1

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

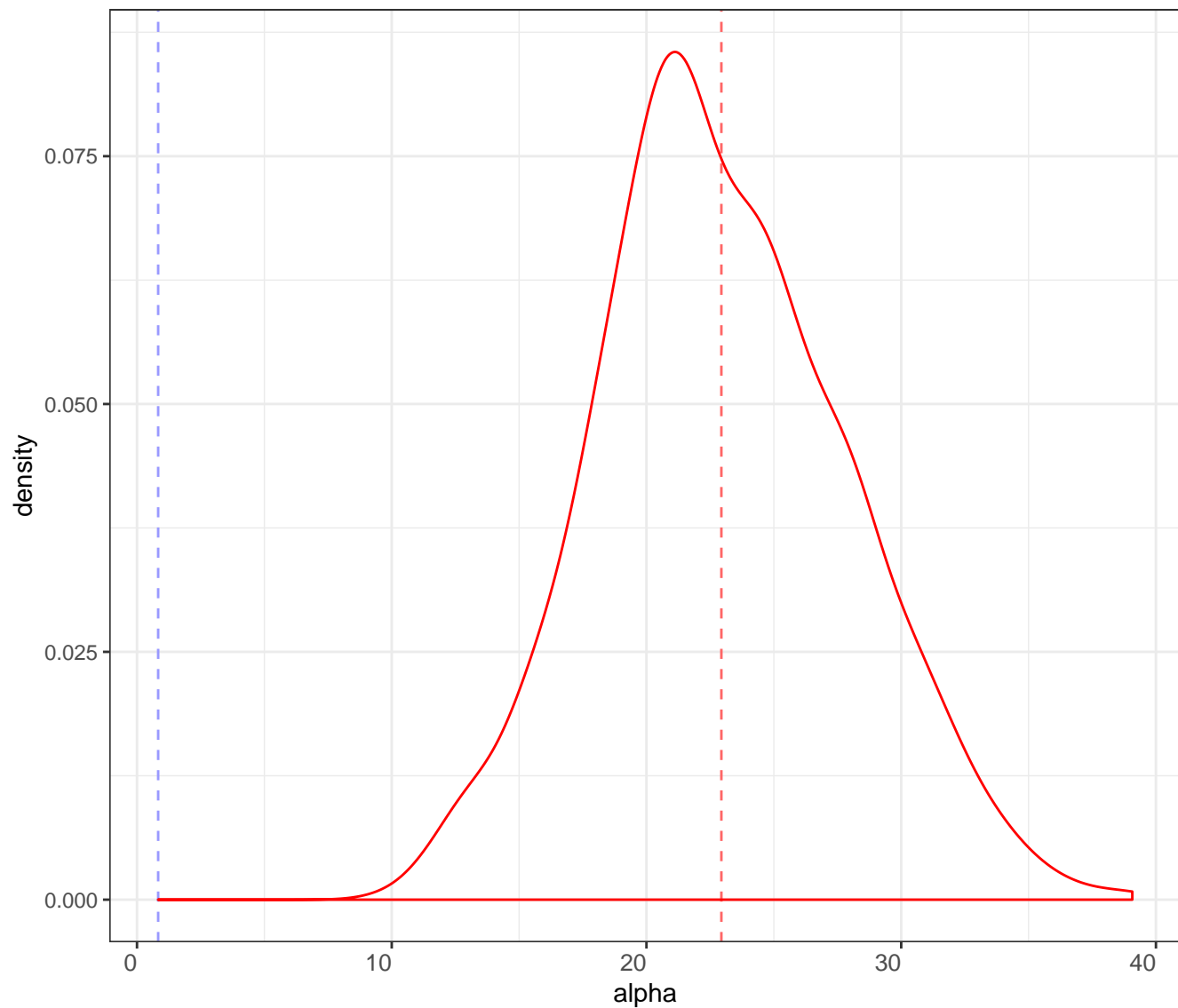Distribution alpha: S=50 ,r=10 true gr K=4 ,type=1 ,N=150

type [posterior] [prior]

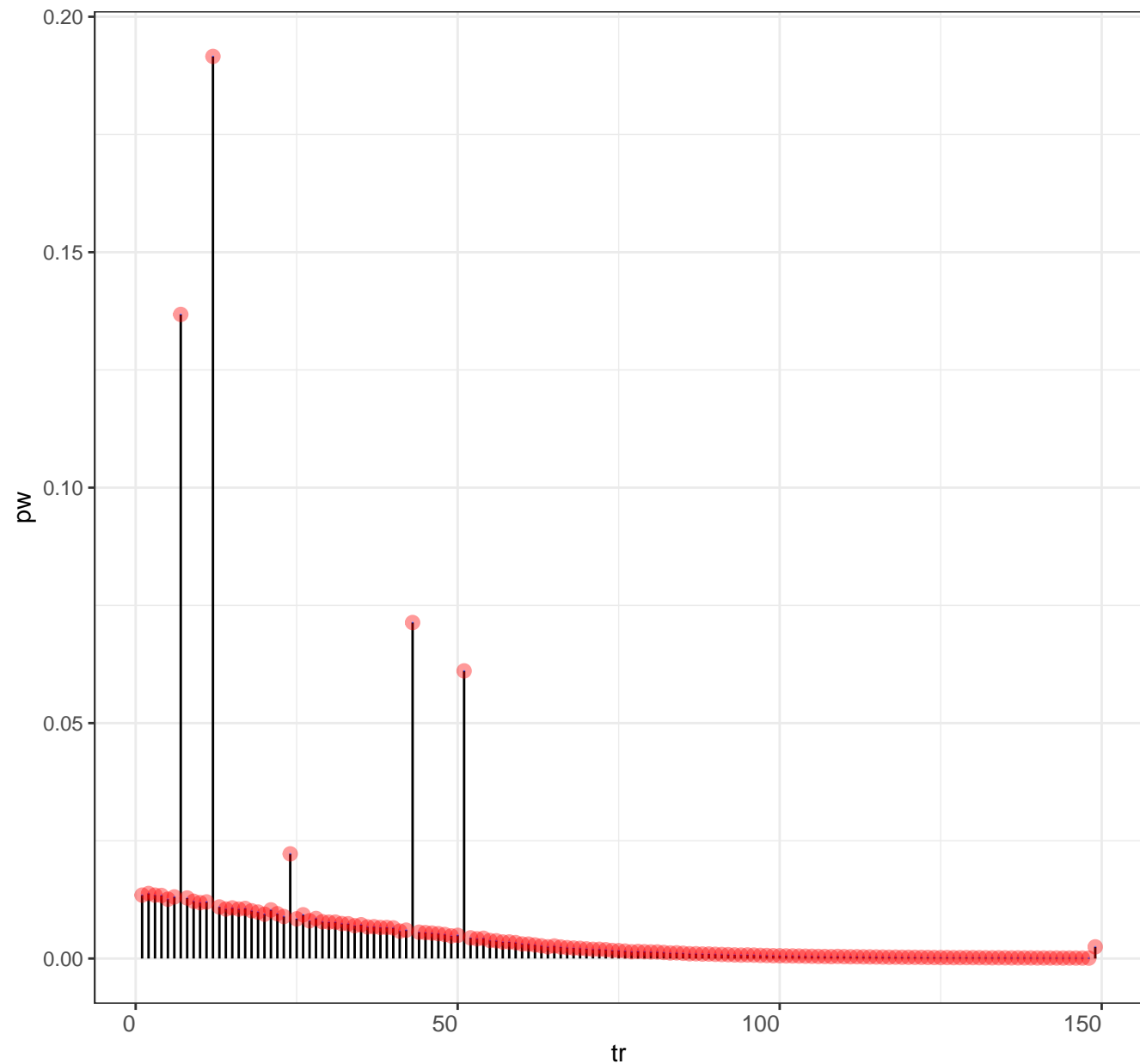Number of iterations: 2000 burnin: 1000 number of samples: 500

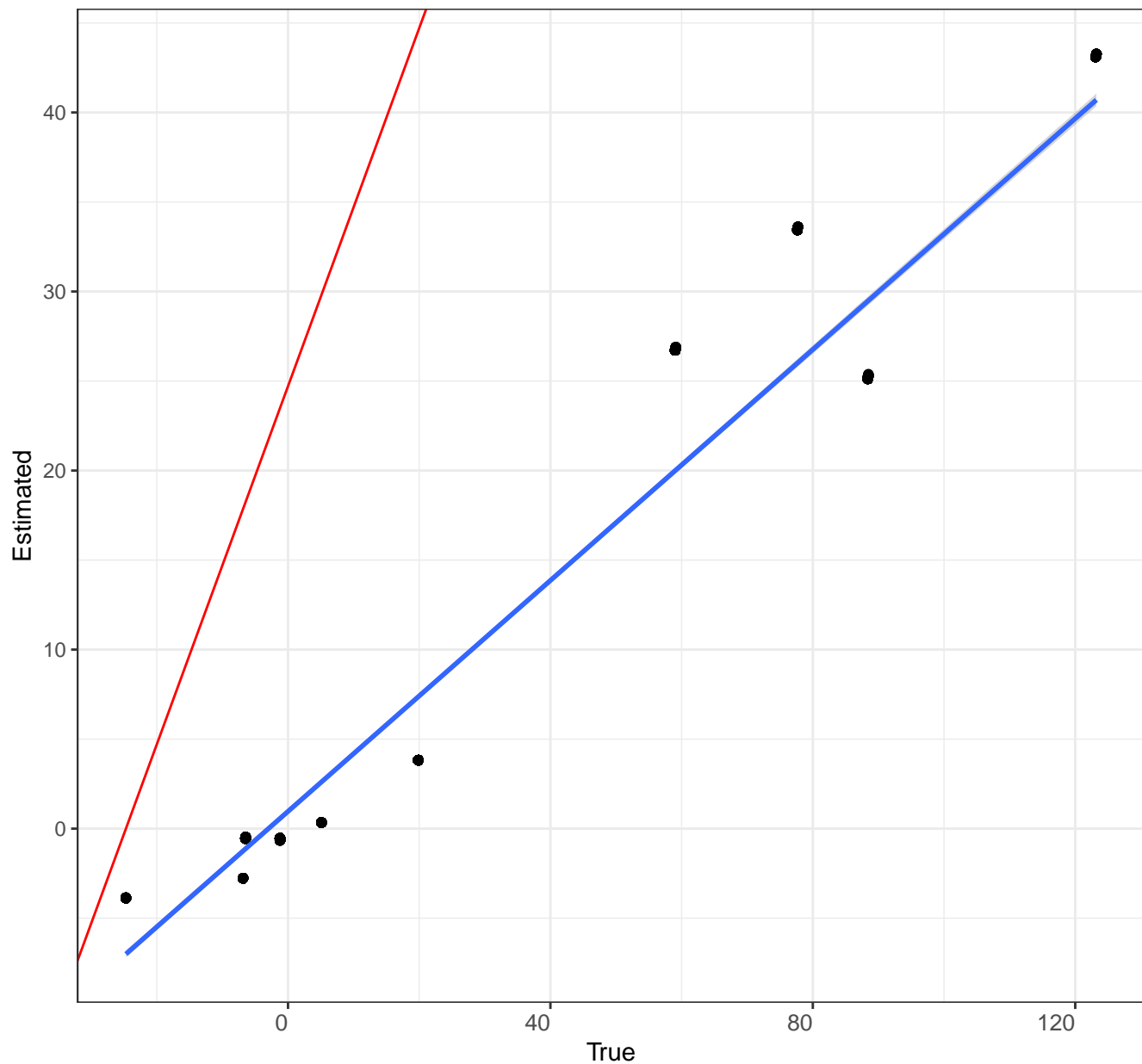Posterior distribution for alpha

Legend — posterior mean — prior mean

Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=10 true gr K=4 ,type=1 ,N=150

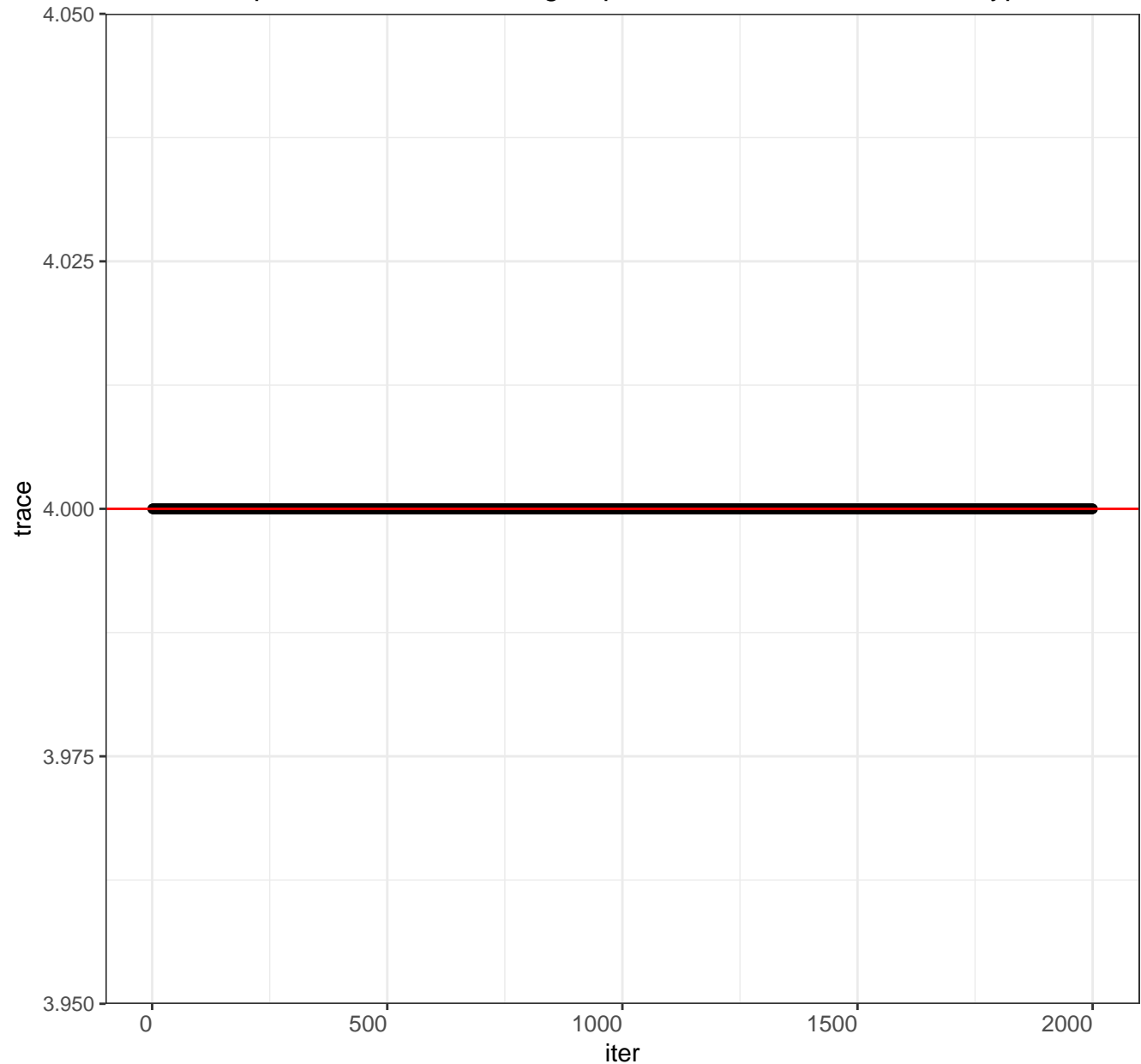Weights for the case: S=50 ,r=10 true gr K=4 ,type=1 ,N=150 pN=0.002

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

True vs estimated covariance parameters

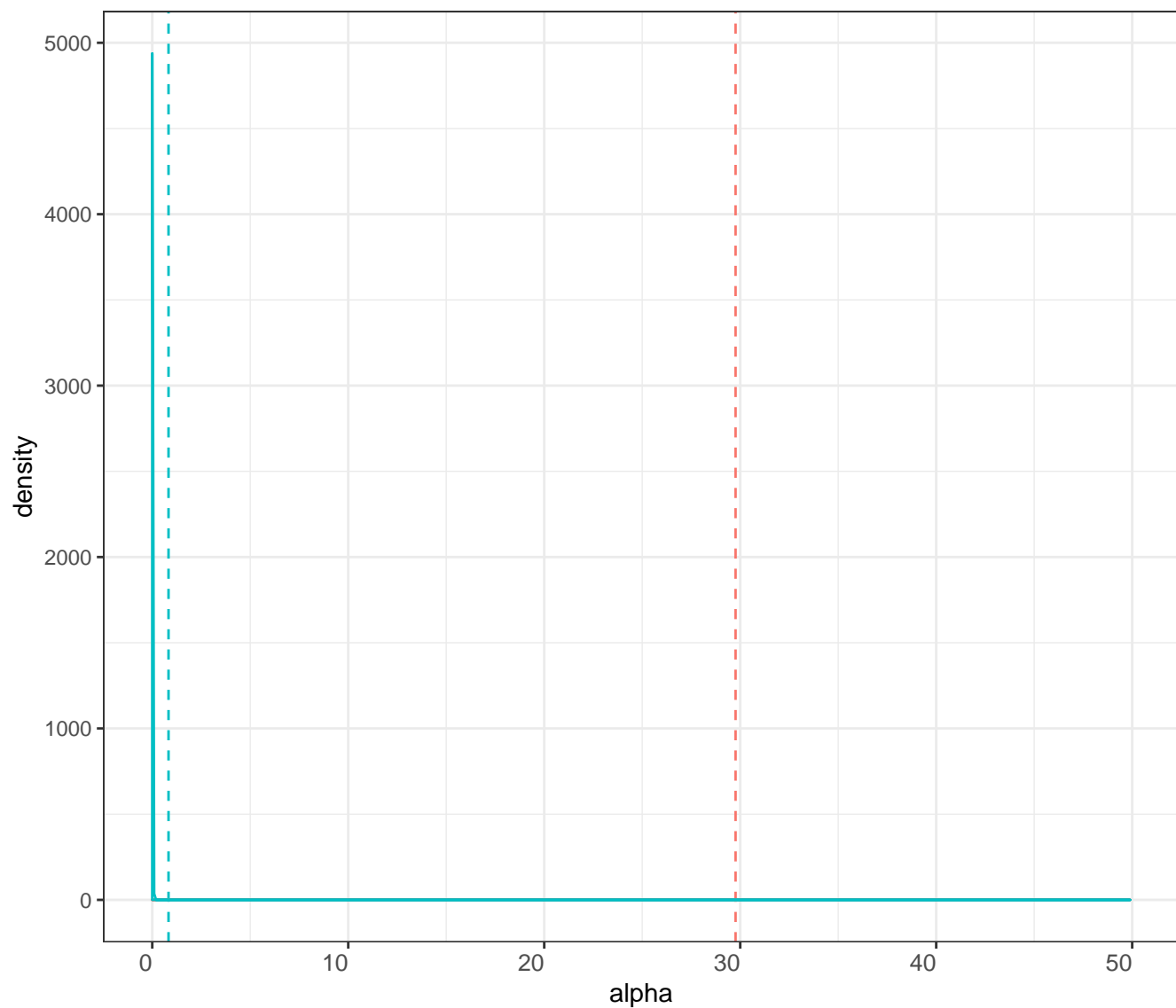Number of iterations: 2000 burnin: 1000number of samples: 500S=50 r=10 true K=4 type=1

Trace plot for the number of groups K for S=50 r=10 true K=4 type=1

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

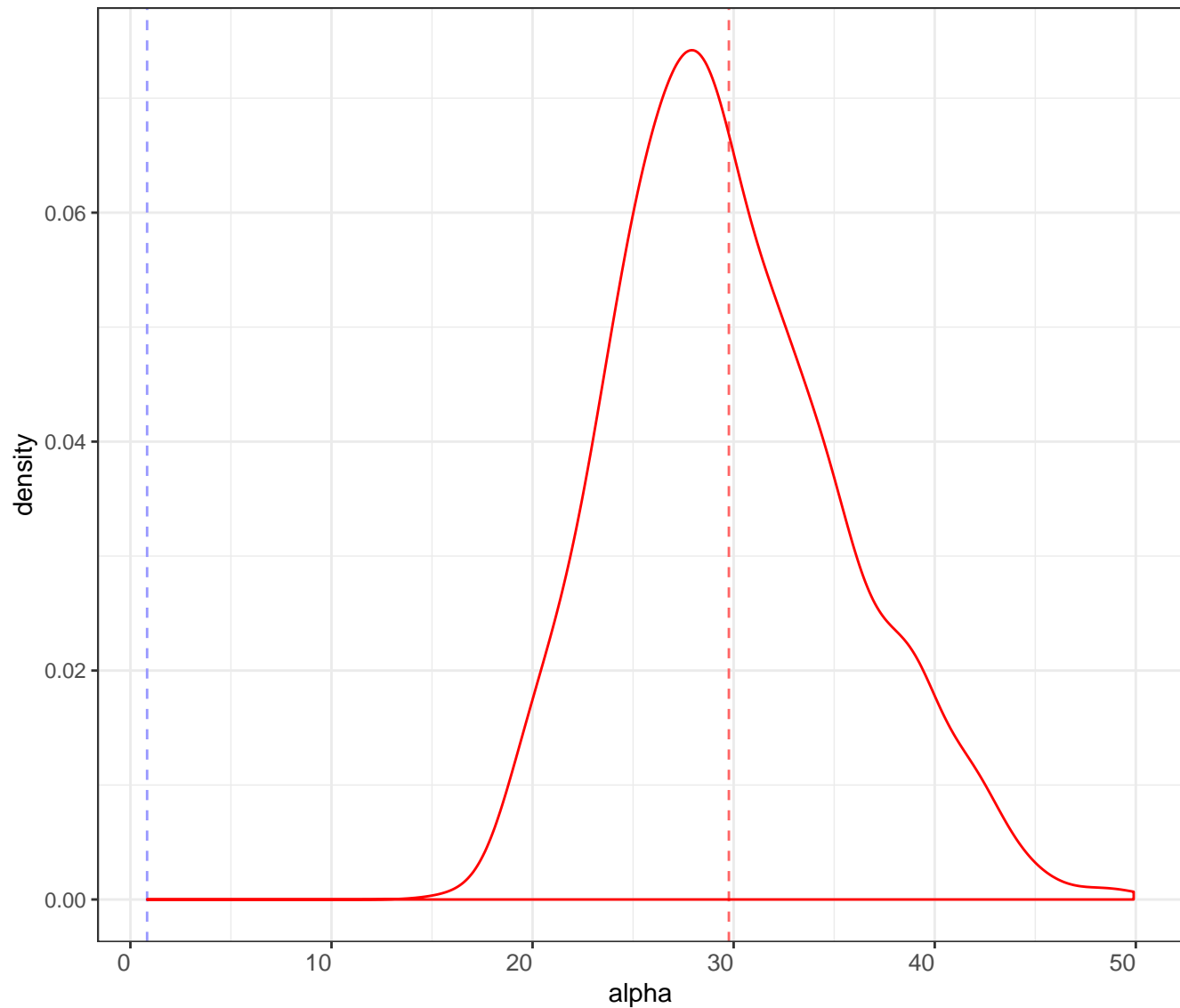Distribution alpha: S=50 ,r=10 true gr K=4 ,type=1 ,N=150

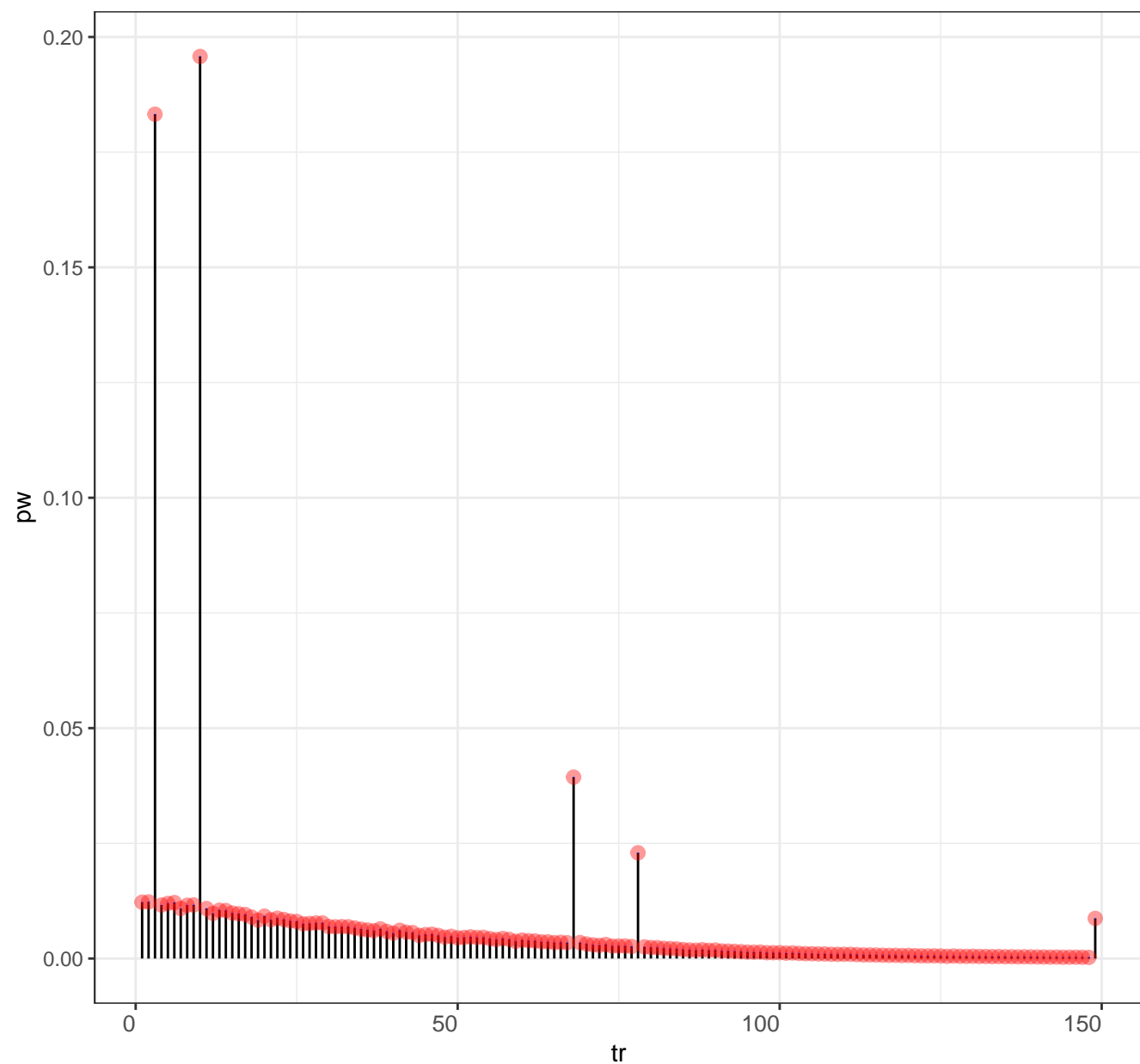Number of iterations: 2000 burnin: 1000 number of samples: 500

Posterior distribution for alpha

Legend — posterior mean — prior mean
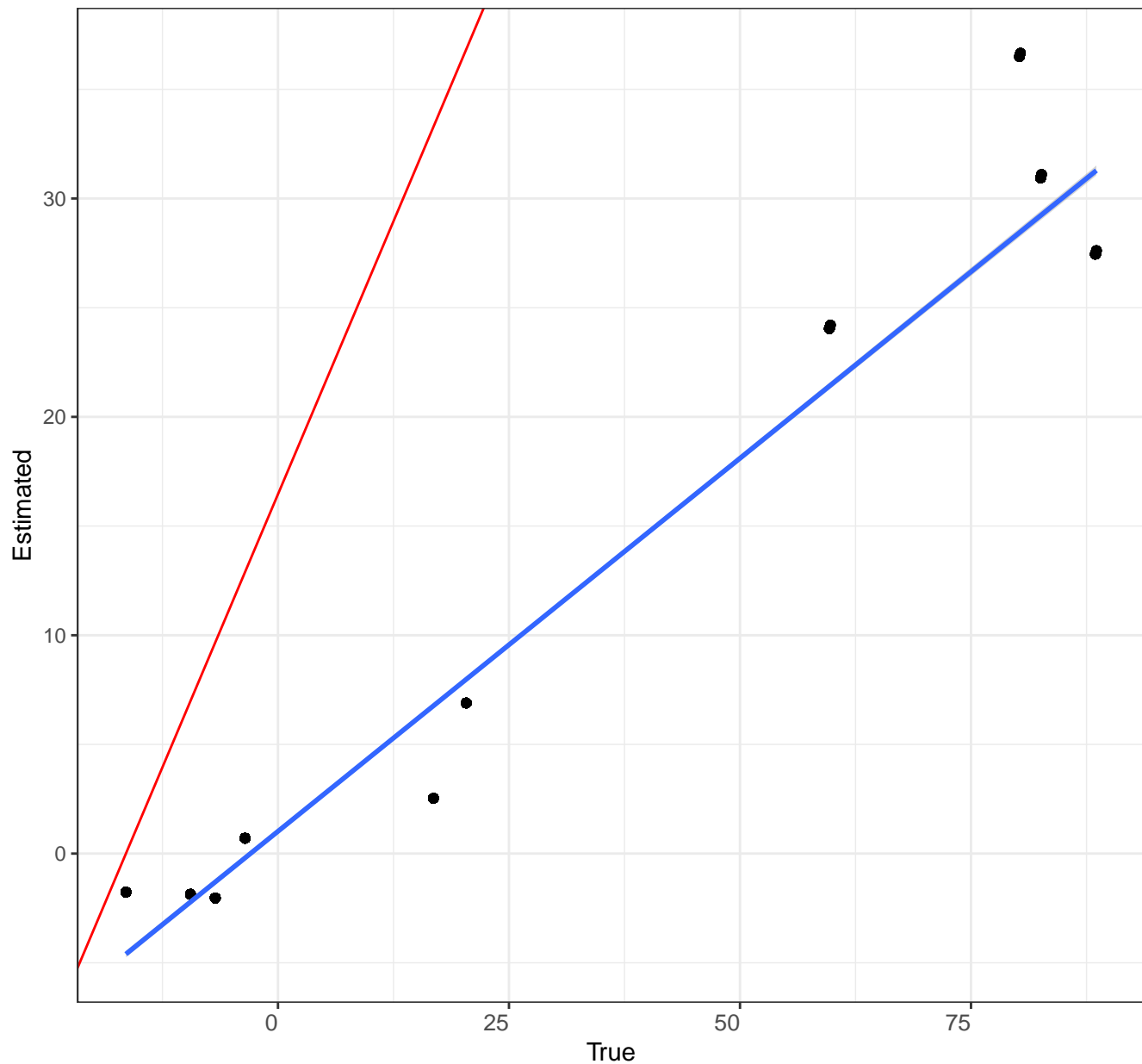
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=10 true gr K=4 ,type=1 ,N=150

Weights for the case: S=50 ,r=10 true gr K=4 ,type=1 ,N=150 pN=0.009
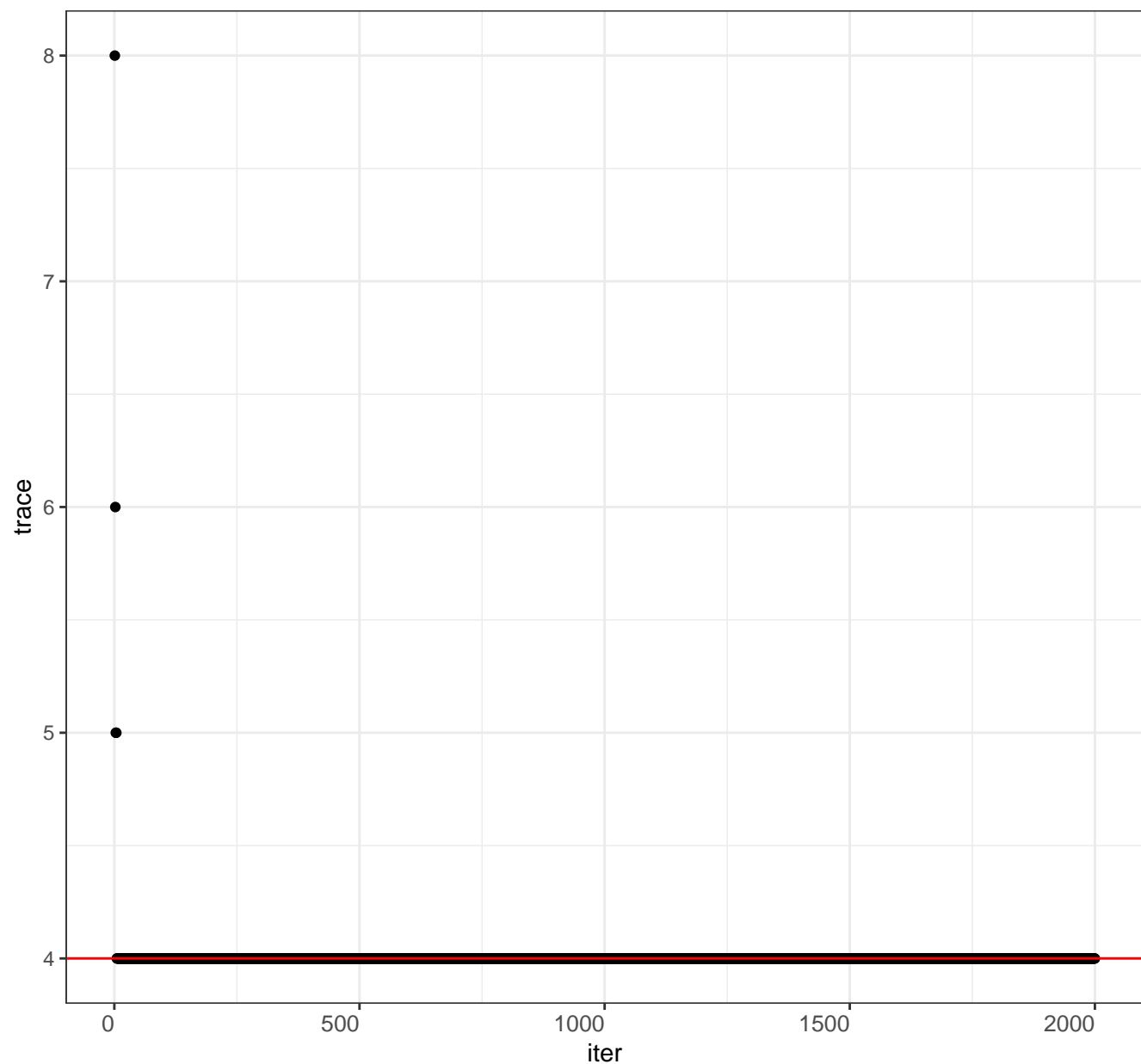
Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=50 r=10 true K=4 type=1
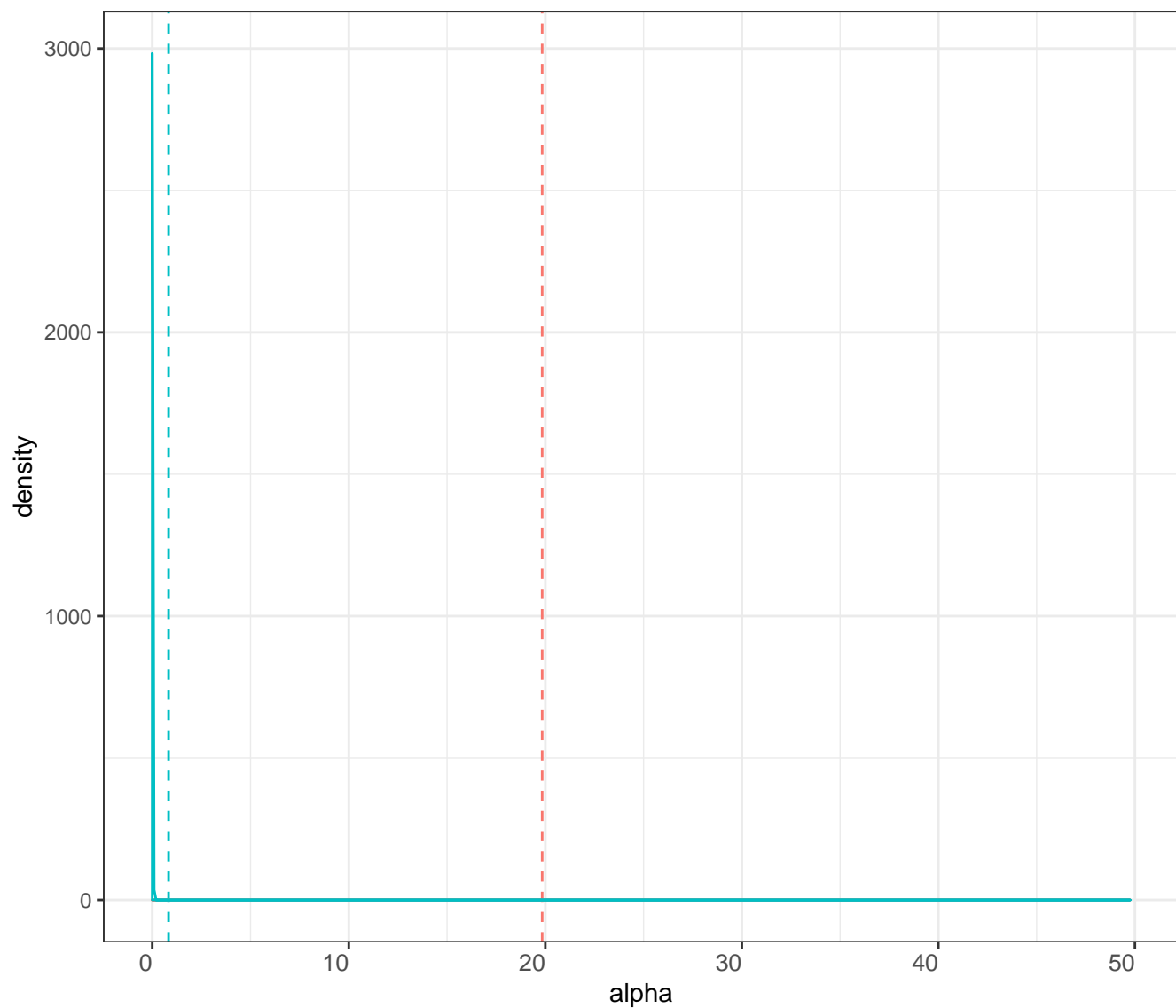
Trace plot for the number of groups K for S=50 r=10 true K=4 type=1

Number of iterations: 2000 burnin: 1000number of samples: 500
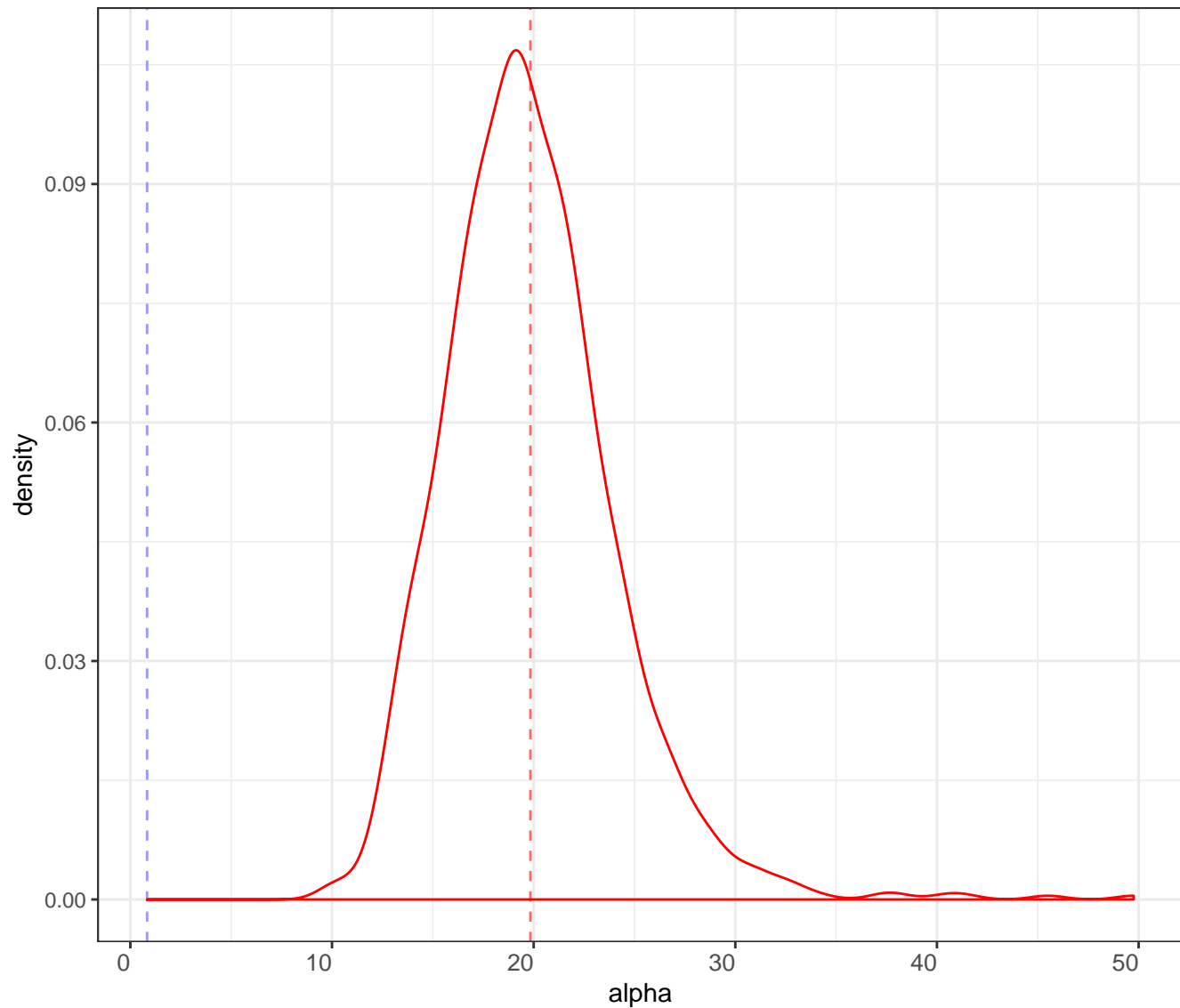
Distribution alpha: S=50 ,r=10 true gr K=4 ,type=1 ,N=150

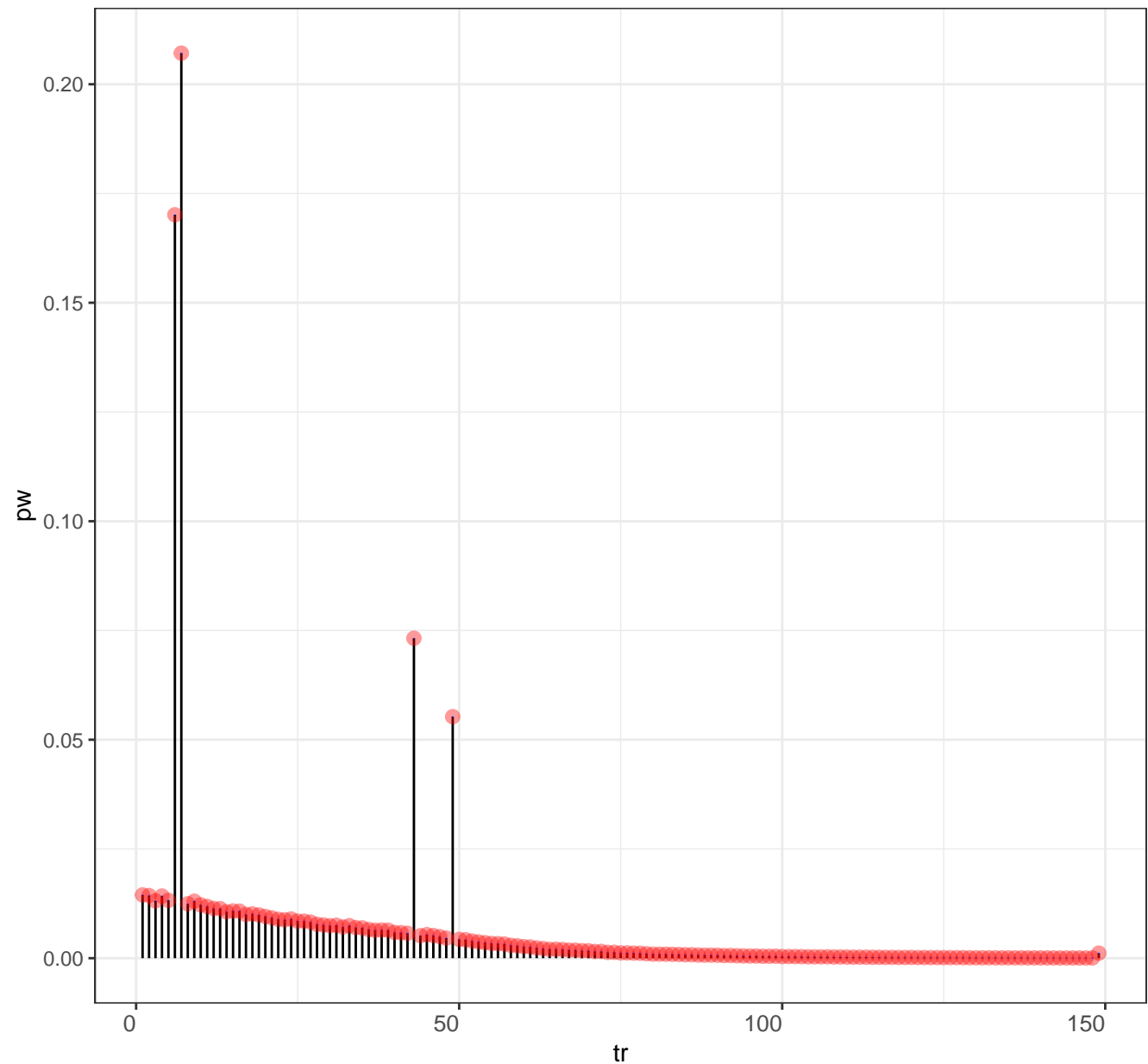Number of iterations: 2000 burnin: 1000 number of samples: 500

Posterior distribution for alpha

Legend   ¦ posterior mean   ¦ prior mean

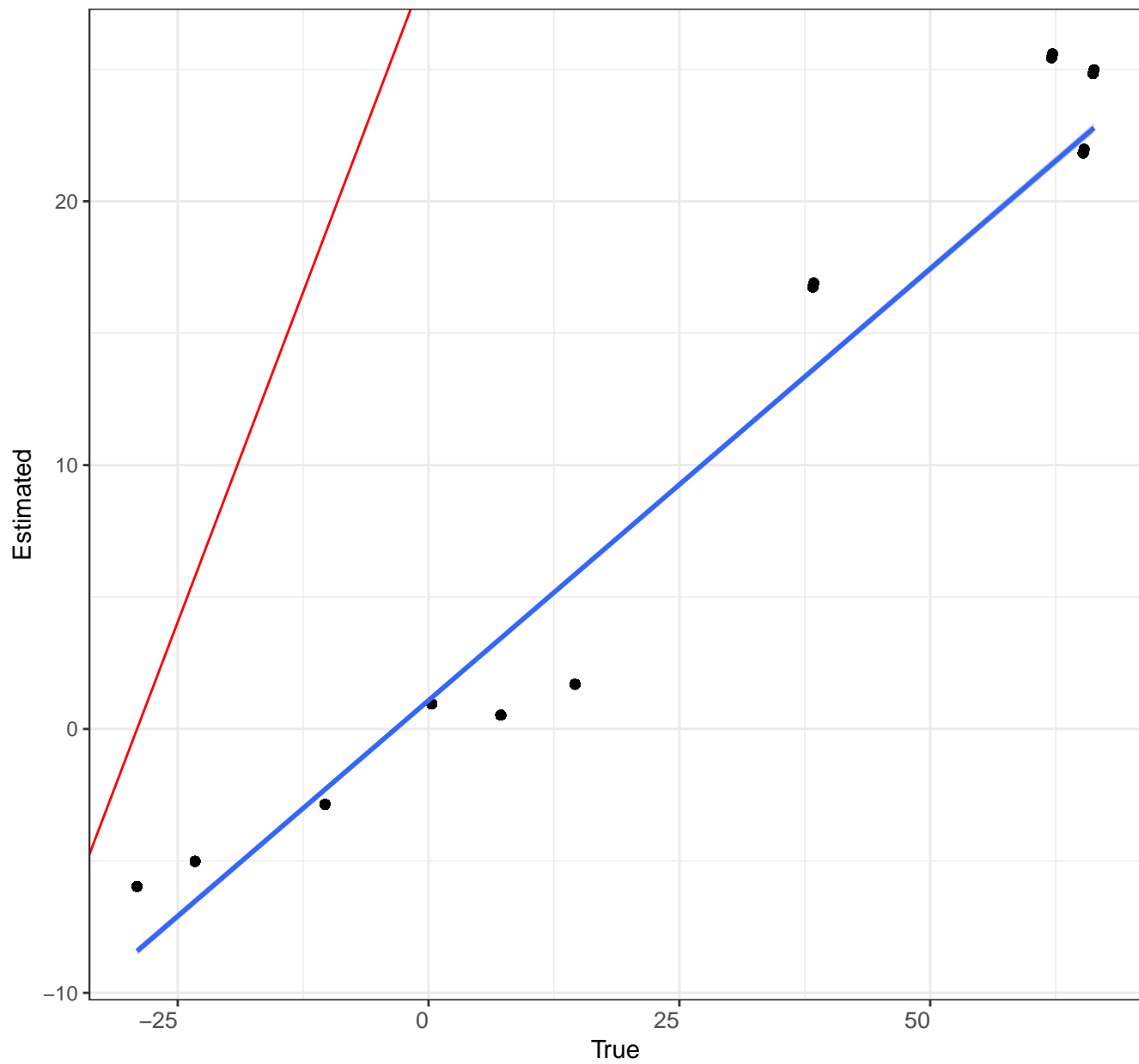
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=10 true gr K=4 ,type=1 ,N=150

Weights for the case: S=50 ,r=10 true gr K=4 ,type=1 ,N=150 pN=0.001

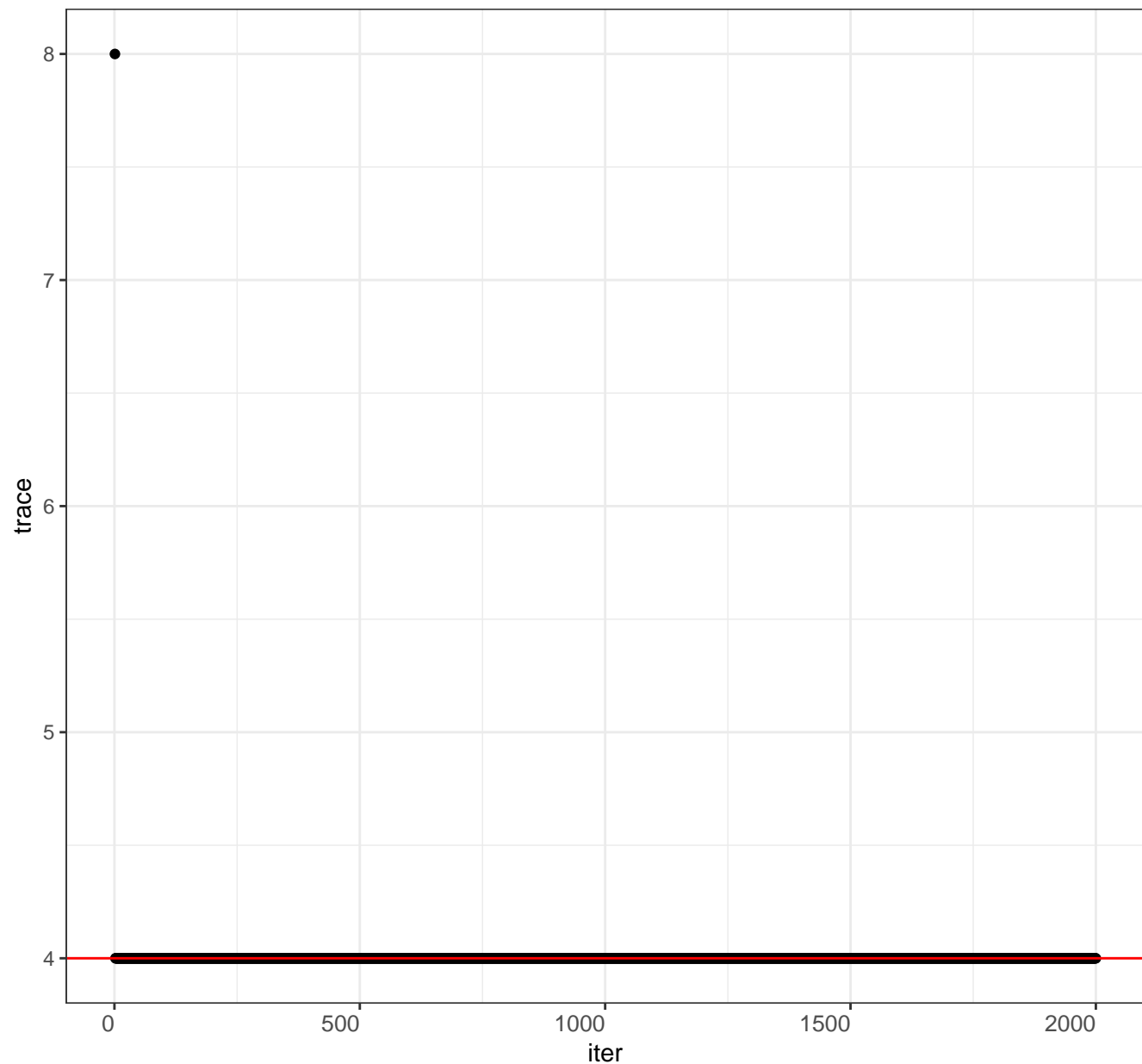Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters

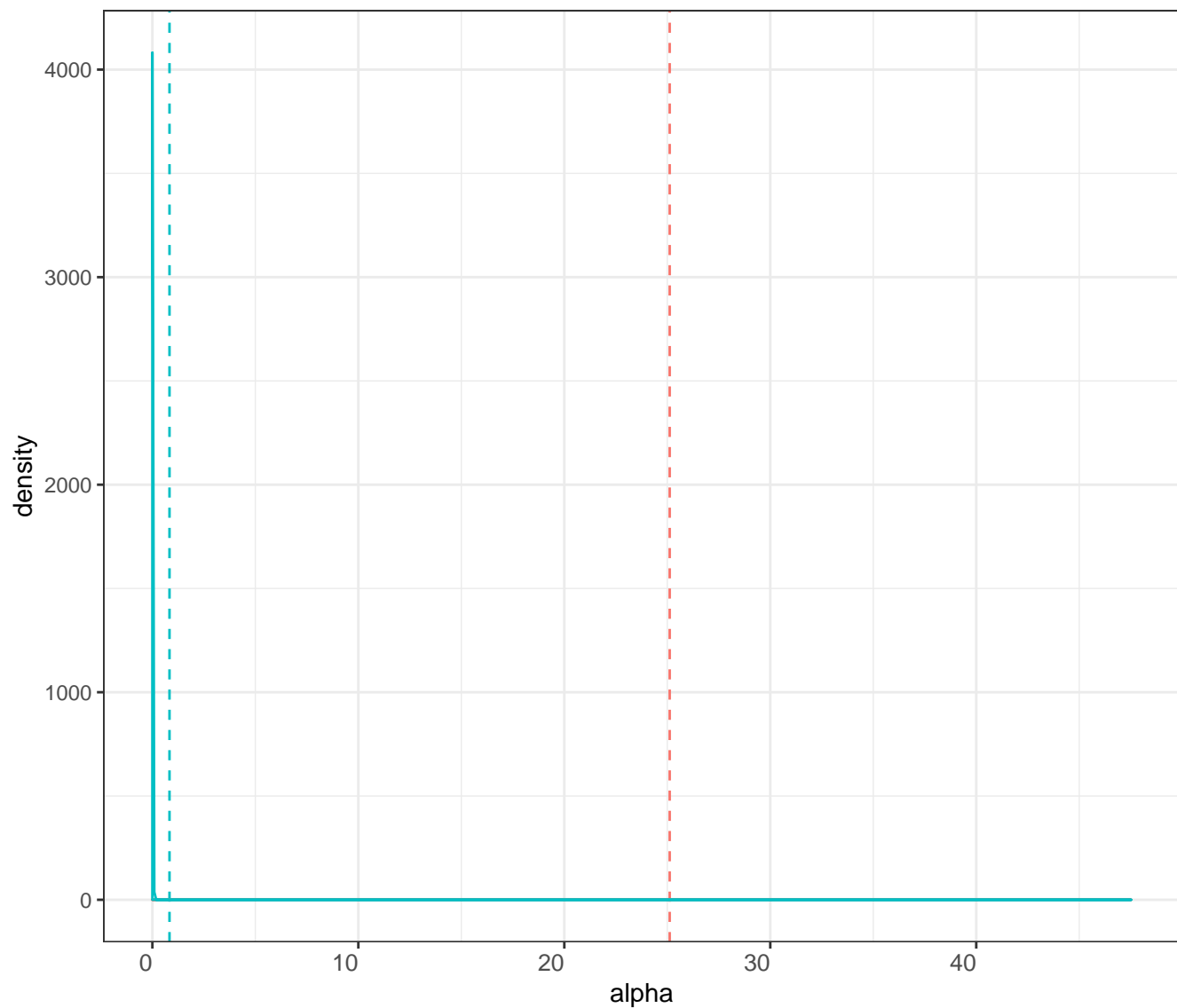Number of iterations: 2000 burnin: 1000number of samples: 500S=50 r=10 true K=4 type=1

Trace plot for the number of groups K for S=50 r=10 true K=4 type=1

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

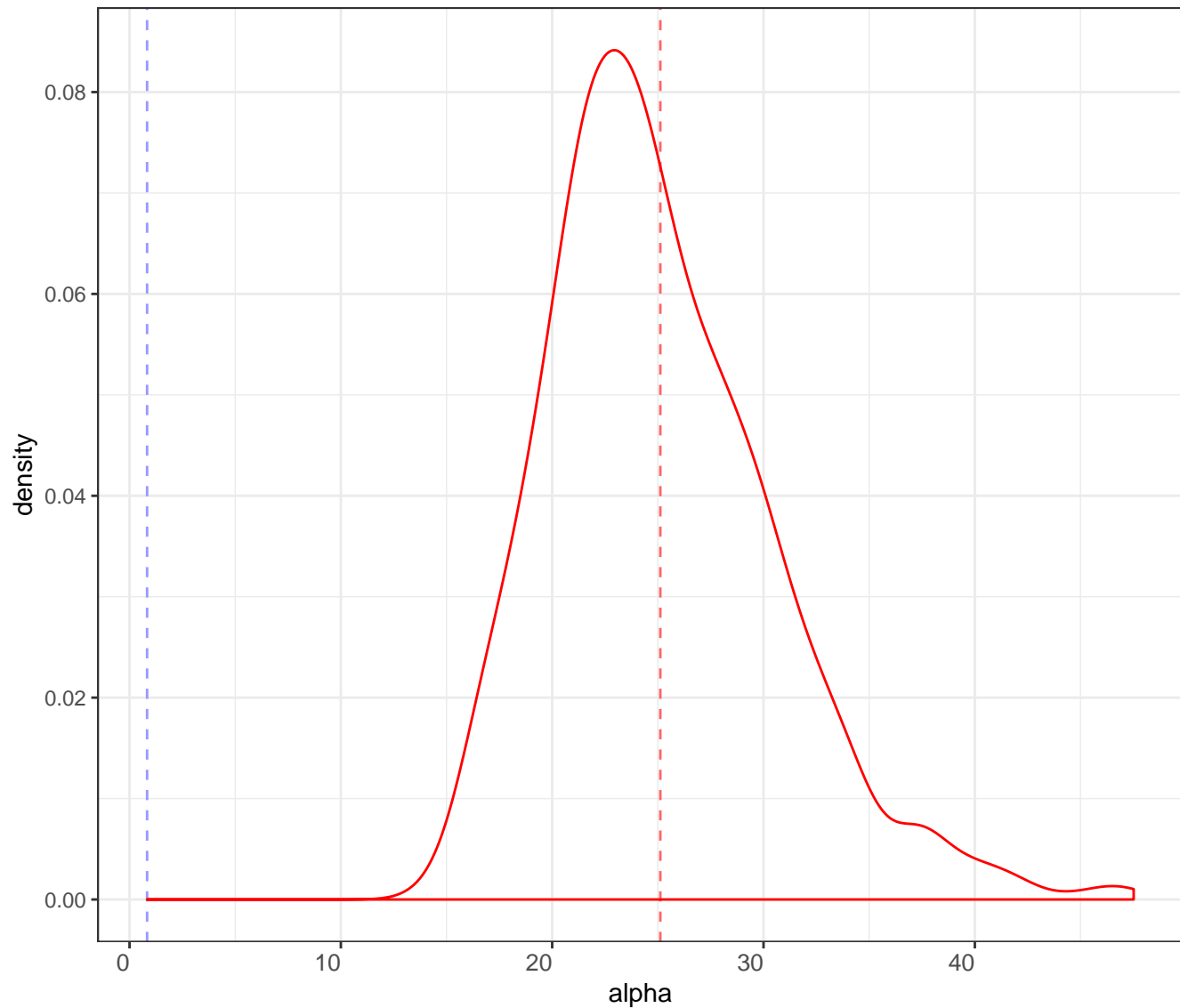Distribution alpha: S=50 ,r=10 true gr K=4 ,type=1 ,N=150

type [posterior] [prior]

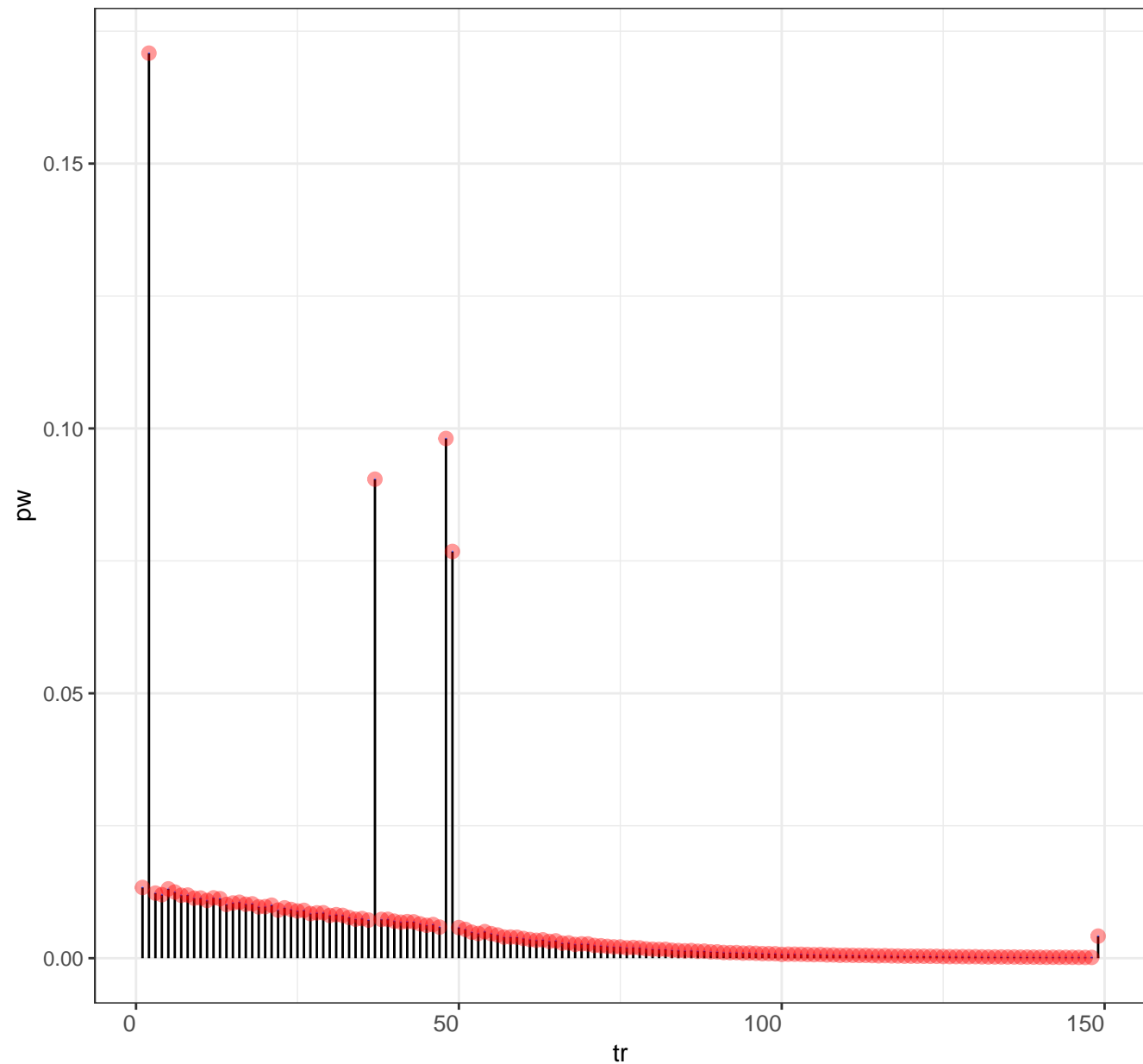Number of iterations: 2000 burnin: 1000 number of samples: 500
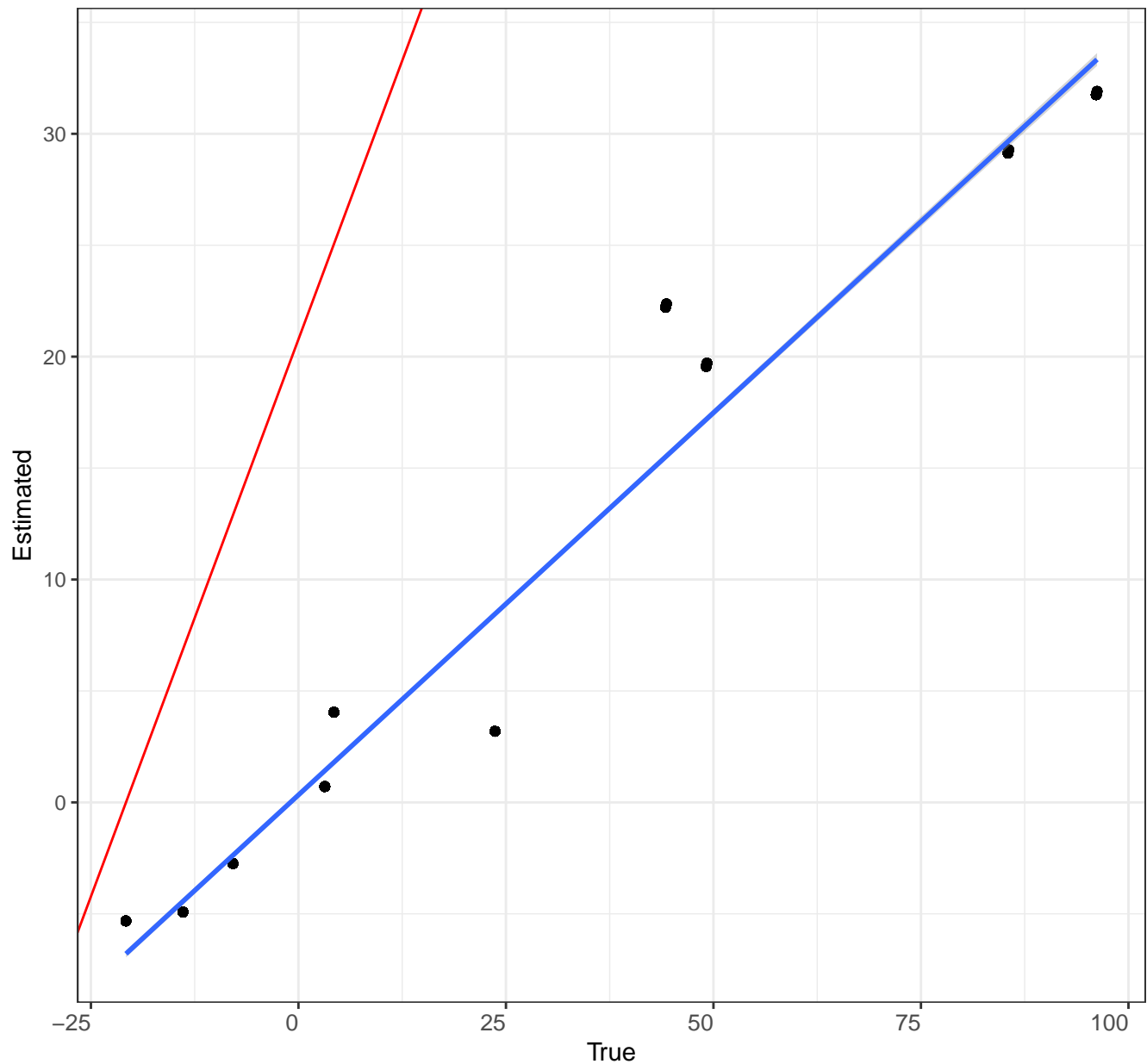
Posterior distribution for alpha

Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=10 true gr K=4 ,type=1 ,N=150

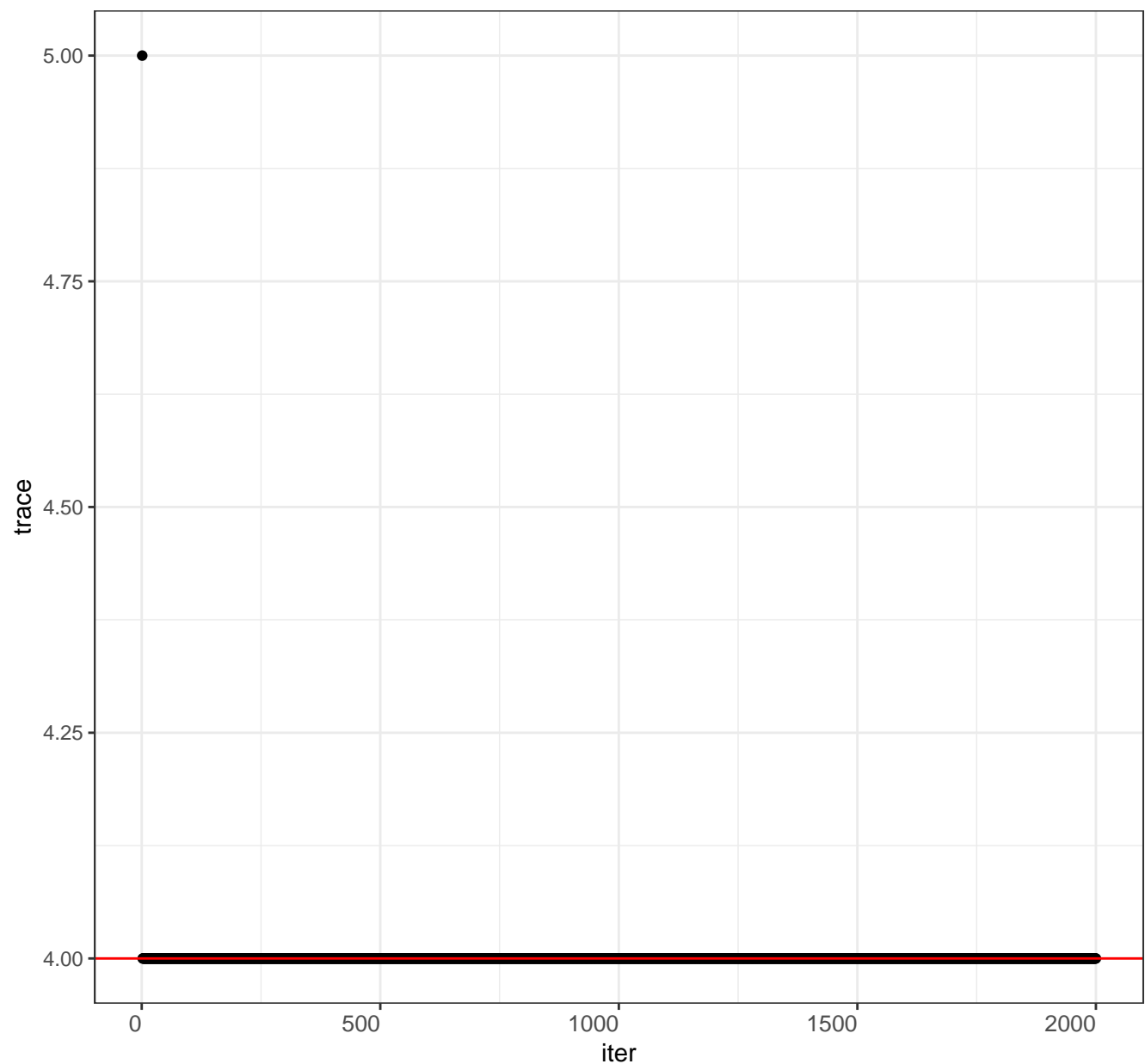Weights for the case: S=50 ,r=10 true gr K=4 ,type=1 ,N=150 pN=0.004

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

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=50 r=10 true K=4 type=1
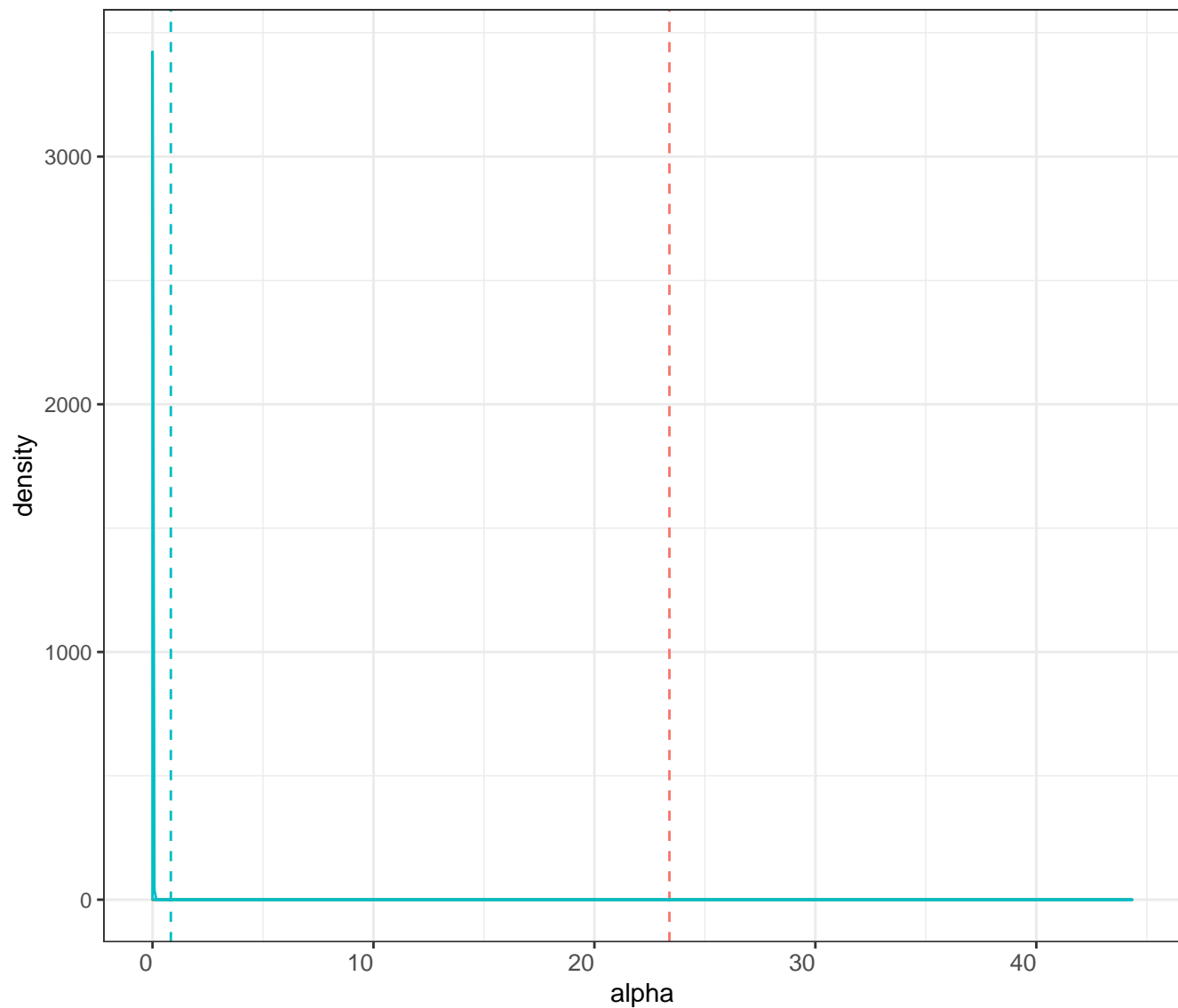
Trace plot for the number of groups K for S=50 r=10 true K=4 type=1

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

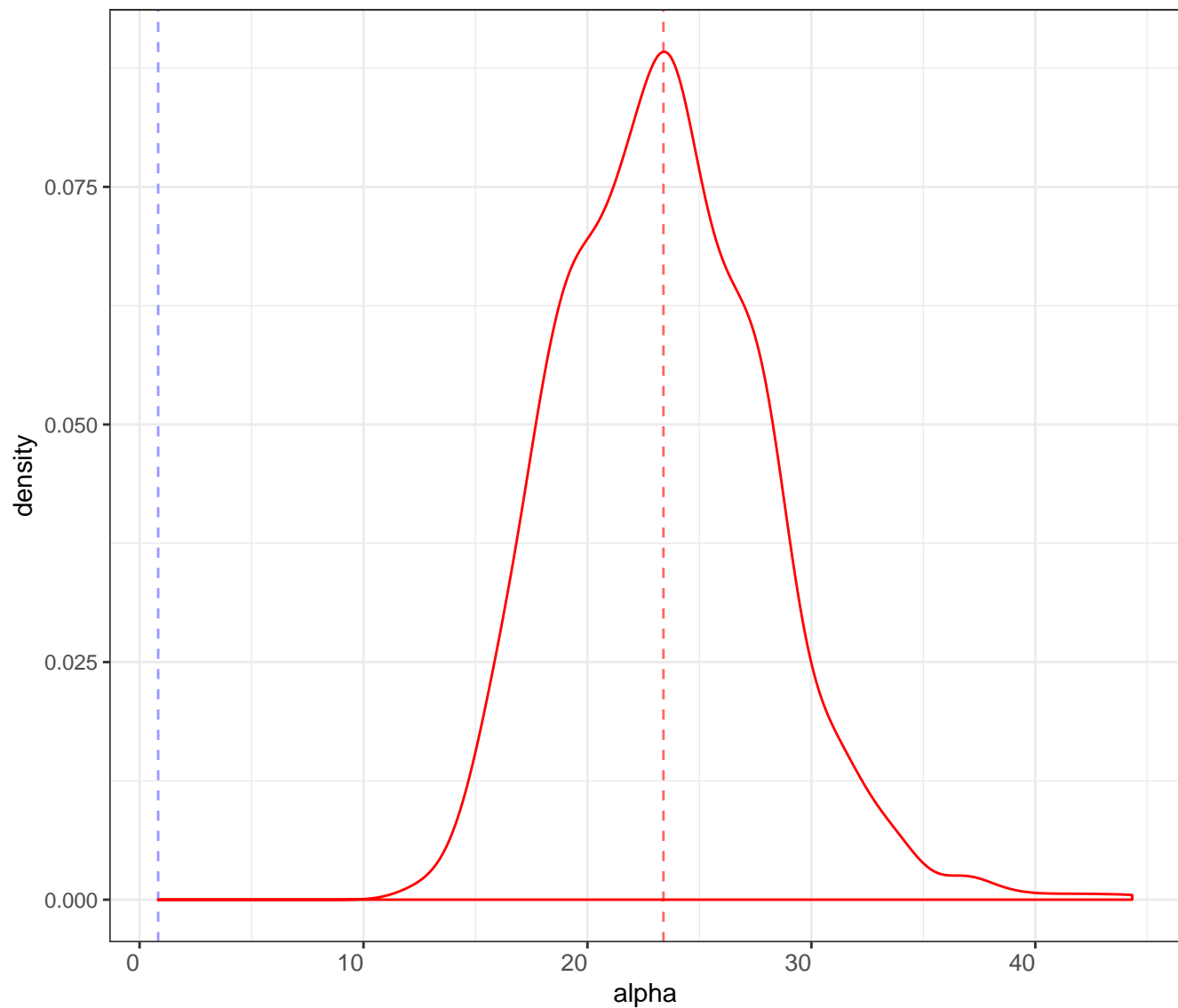Distribution alpha: S=50 ,r=10 true gr K=4 ,type=1 ,N=150

type   posterior   prior

Number of iterations: 2000 burnin: 1000 number of samples: 500
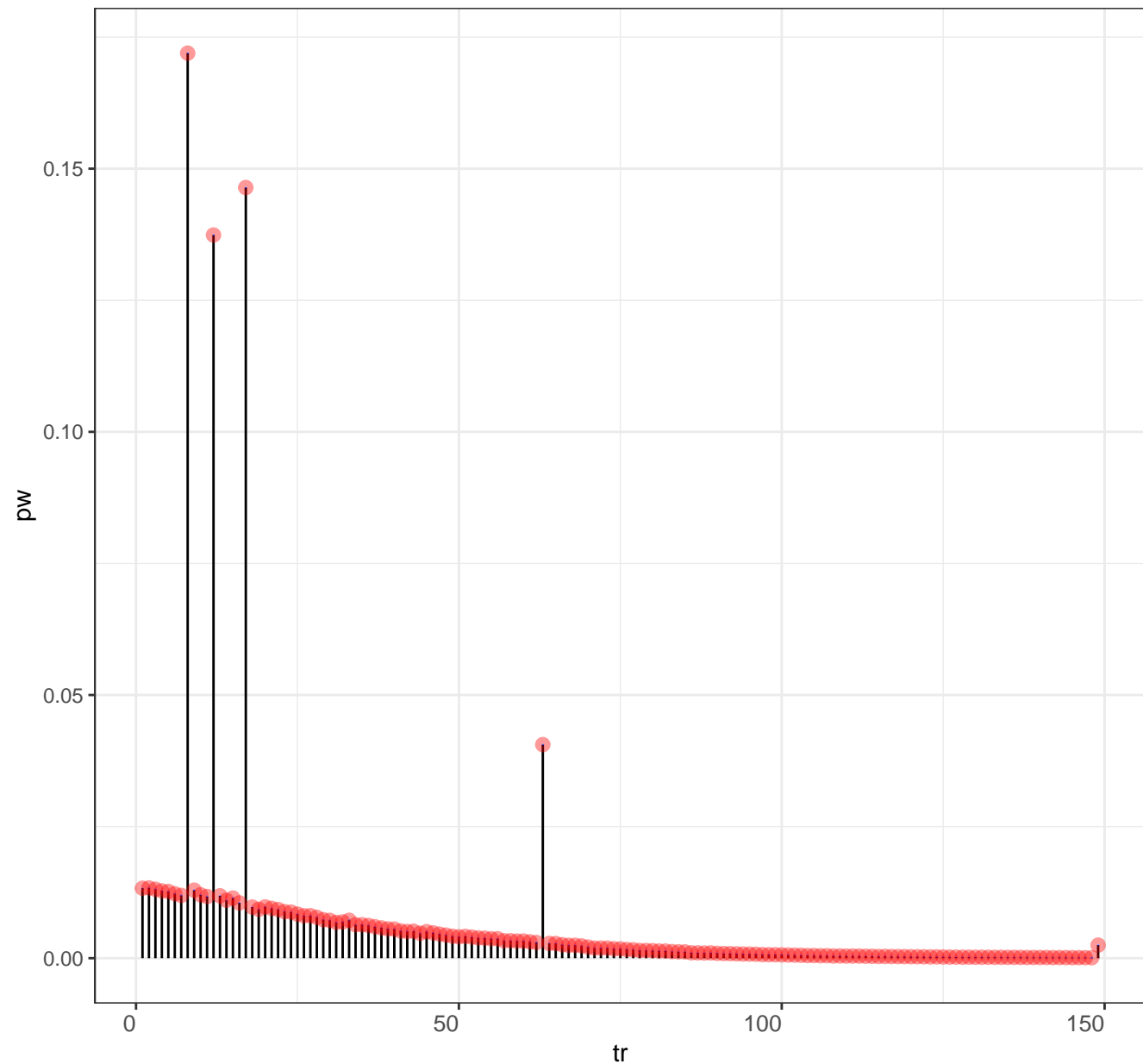
Posterior distribution for alpha

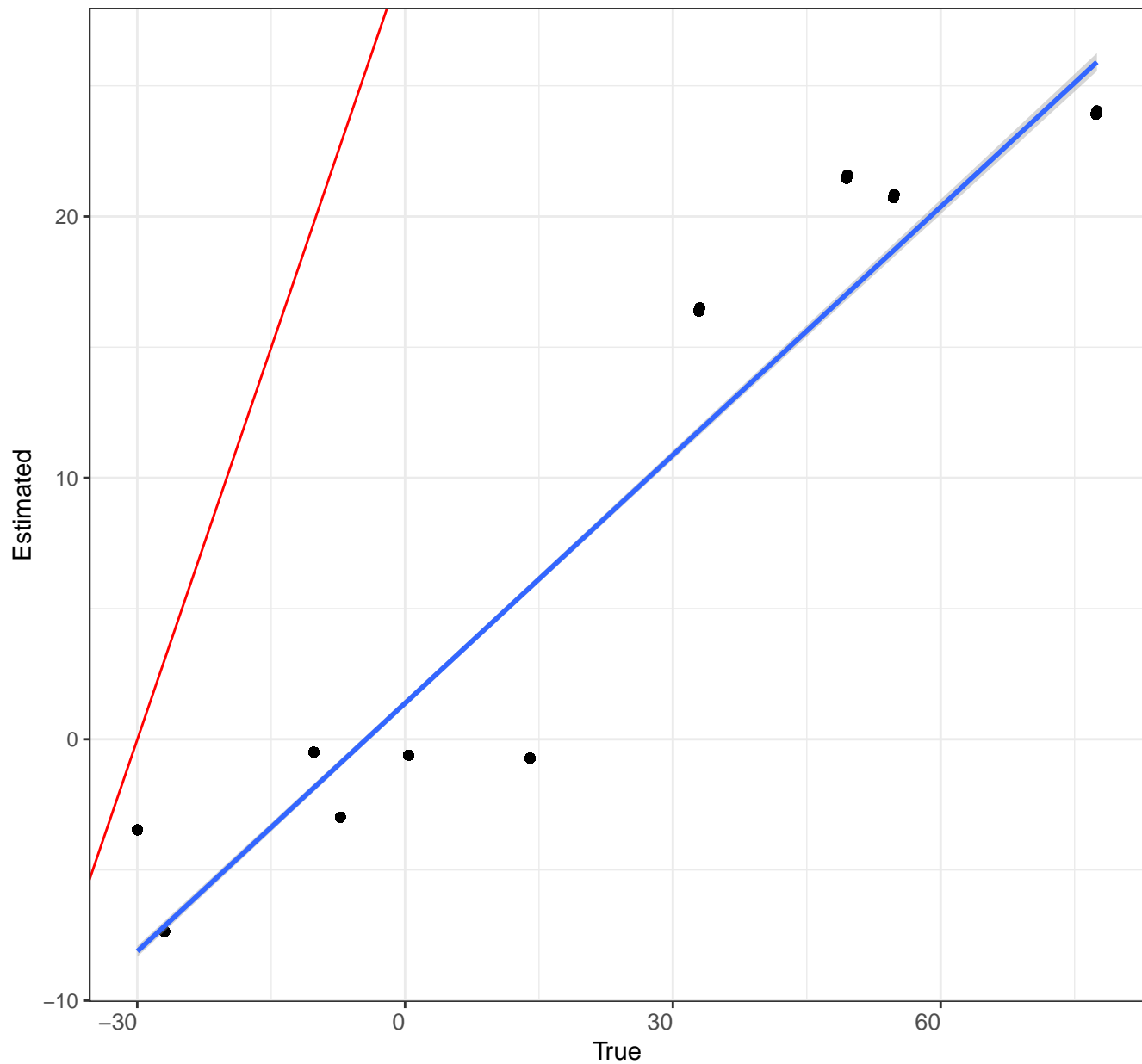Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=10 true gr K=4 ,type=1 ,N=150

Weights for the case: S=50 ,r=10 true gr K=4 ,type=1 ,N=150 pN=0.002
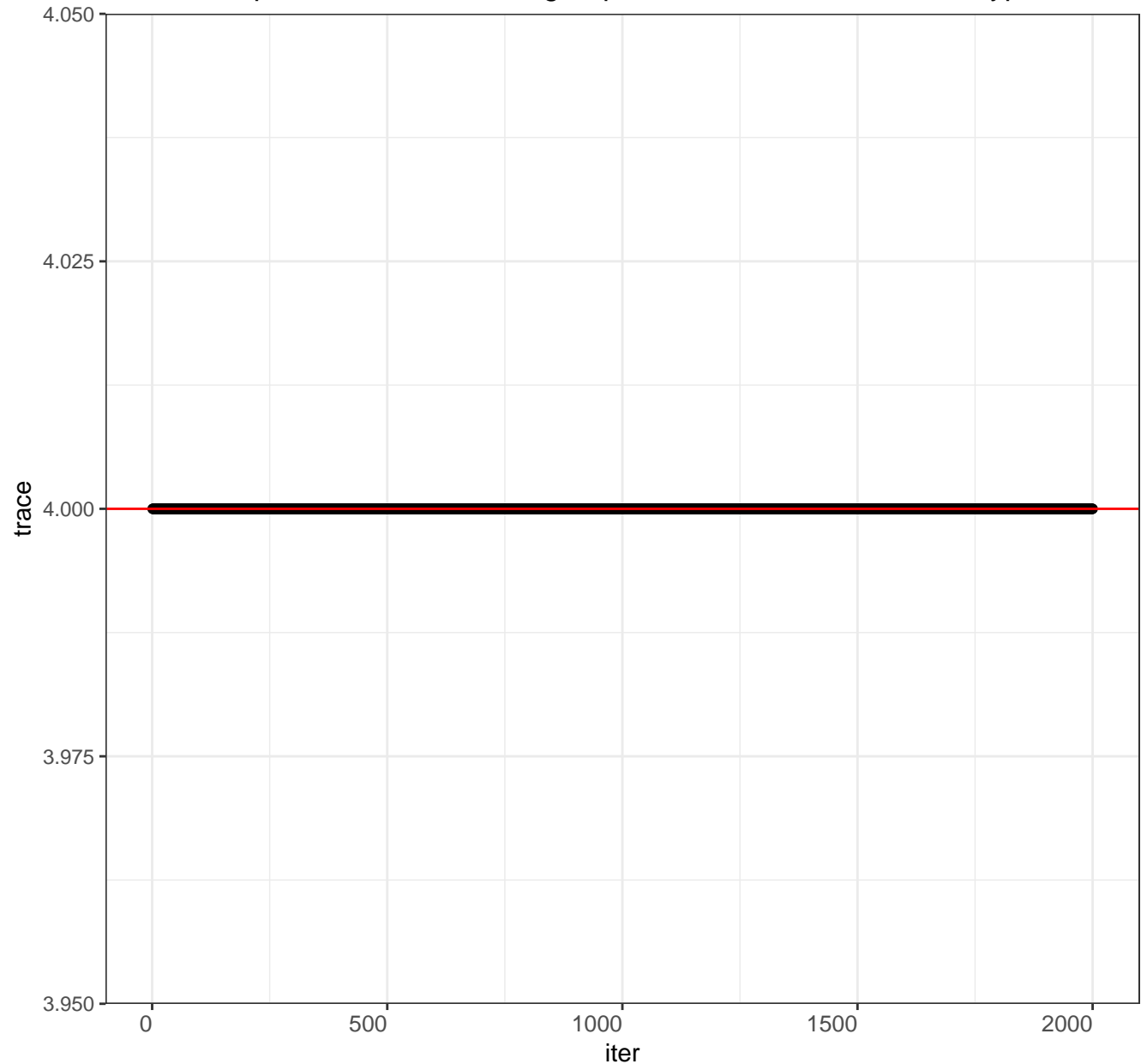
Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=50 r=10 true K=4 type=1
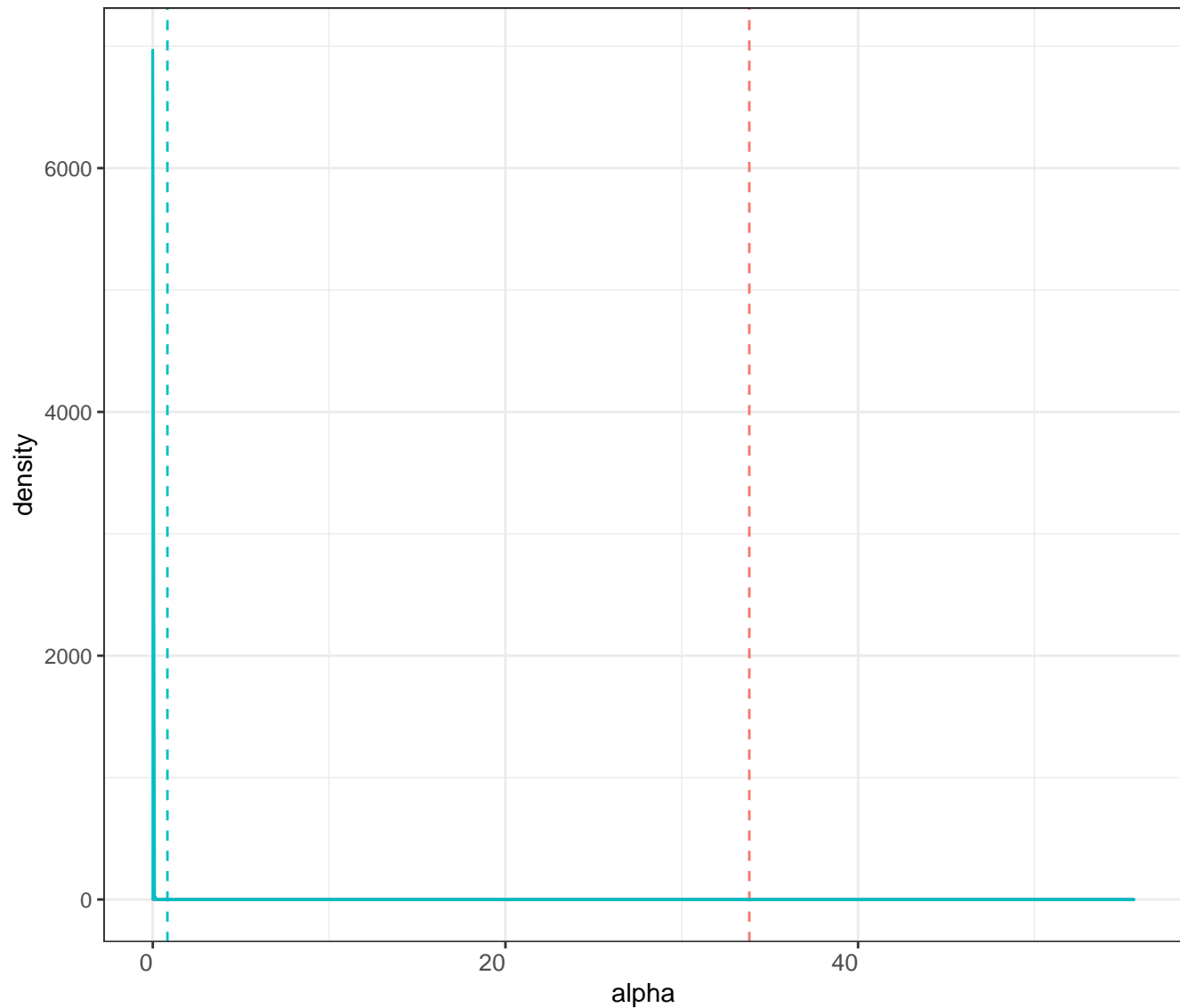
Trace plot for the number of groups K for S=50 r=20 true K=4 type=1

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

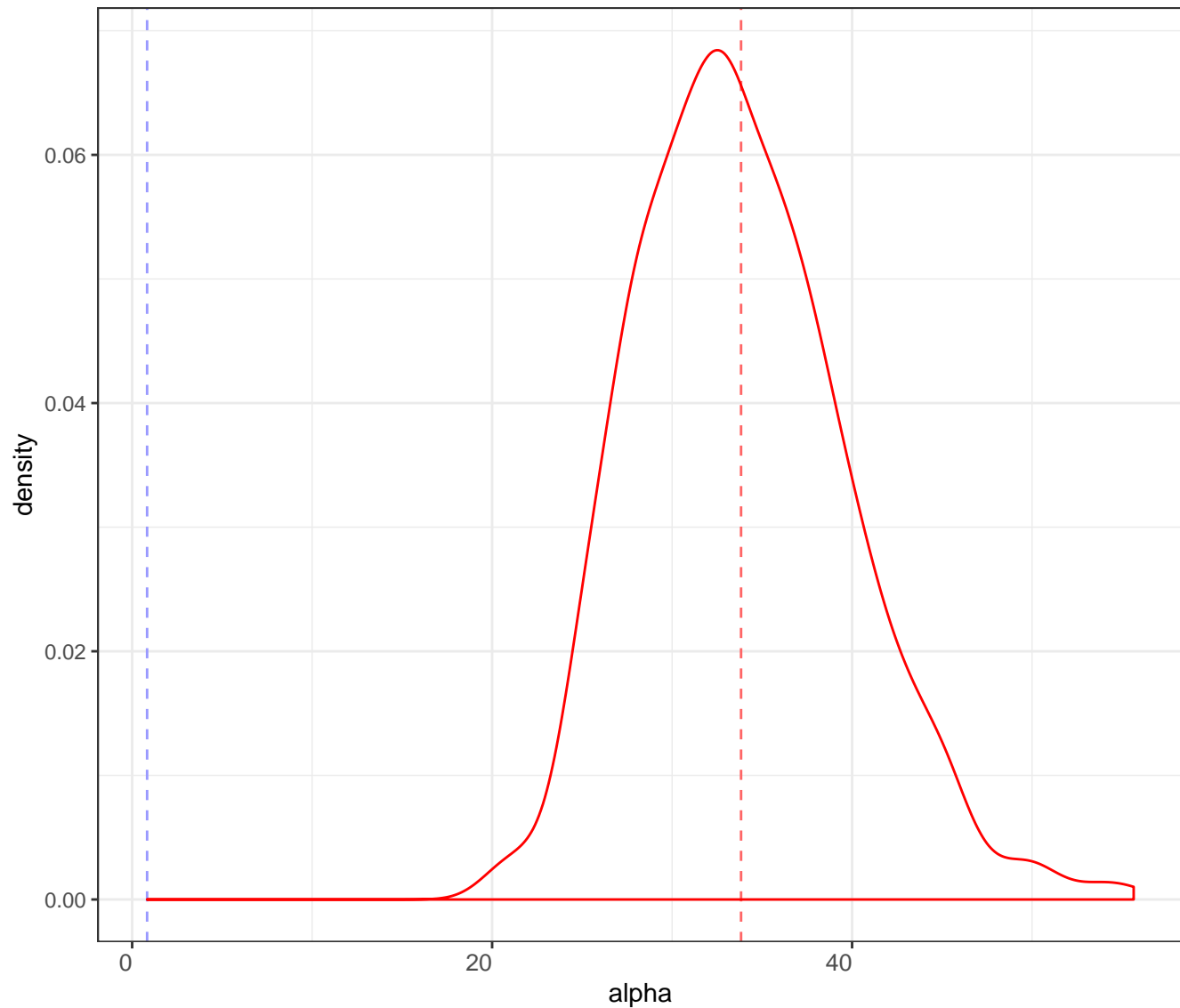Distribution alpha: S=50 ,r=20 true gr K=4 ,type=1 ,N=150

type [posterior] [prior]

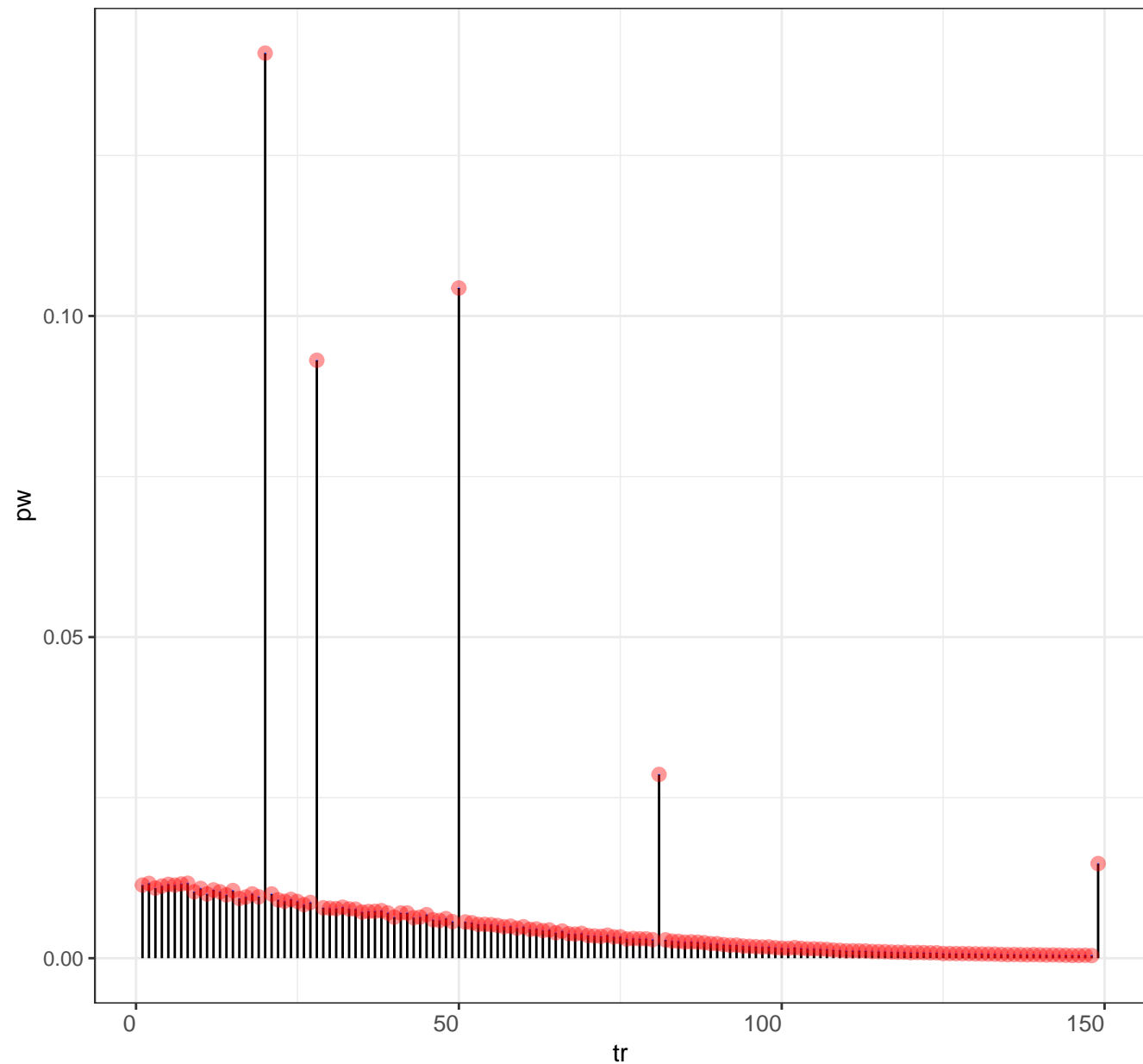Number of iterations: 2000 burnin: 1000 number of samples: 500
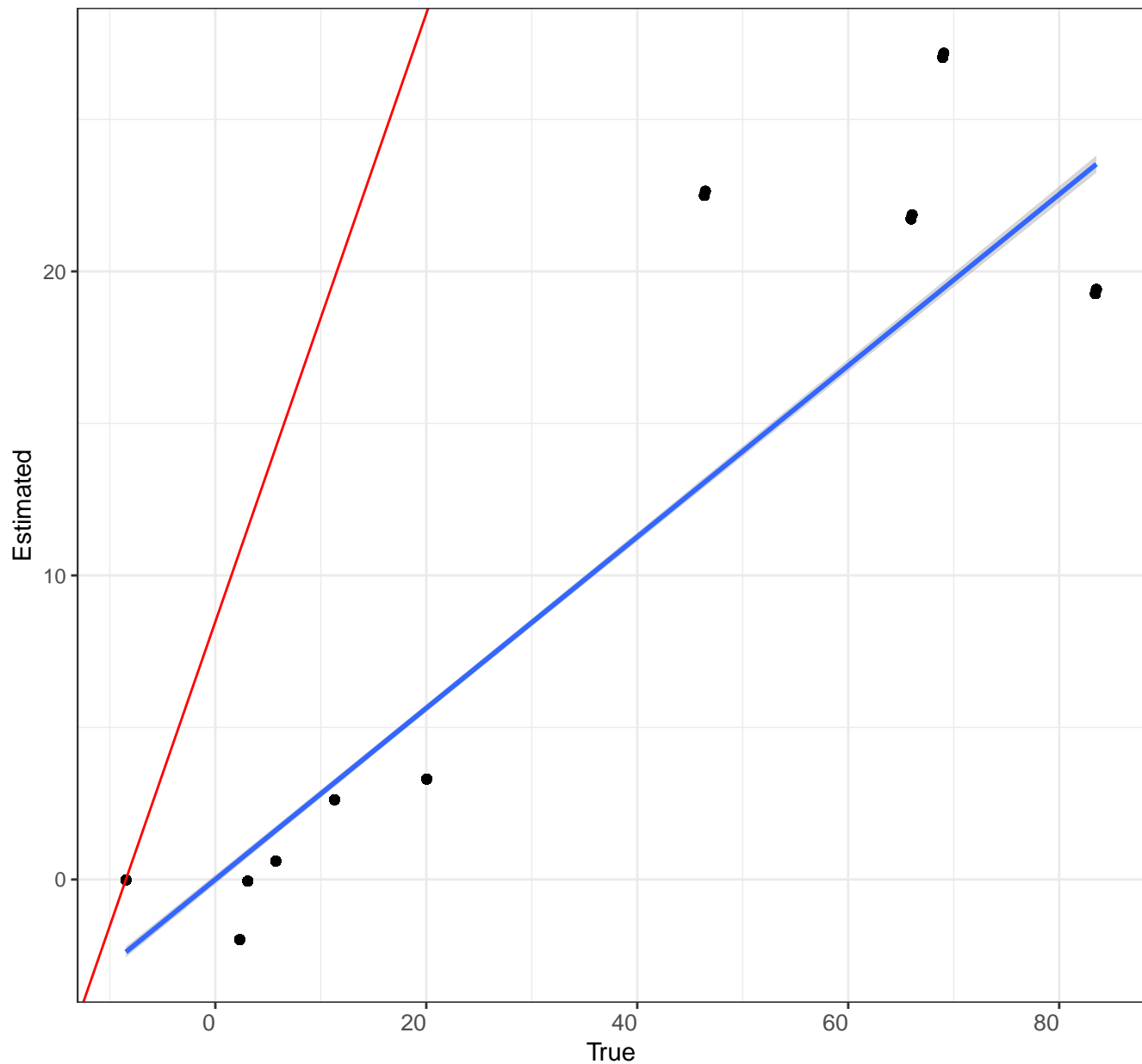
Posterior distribution for alpha

Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=20 true gr K=4 ,type=1 ,N=150

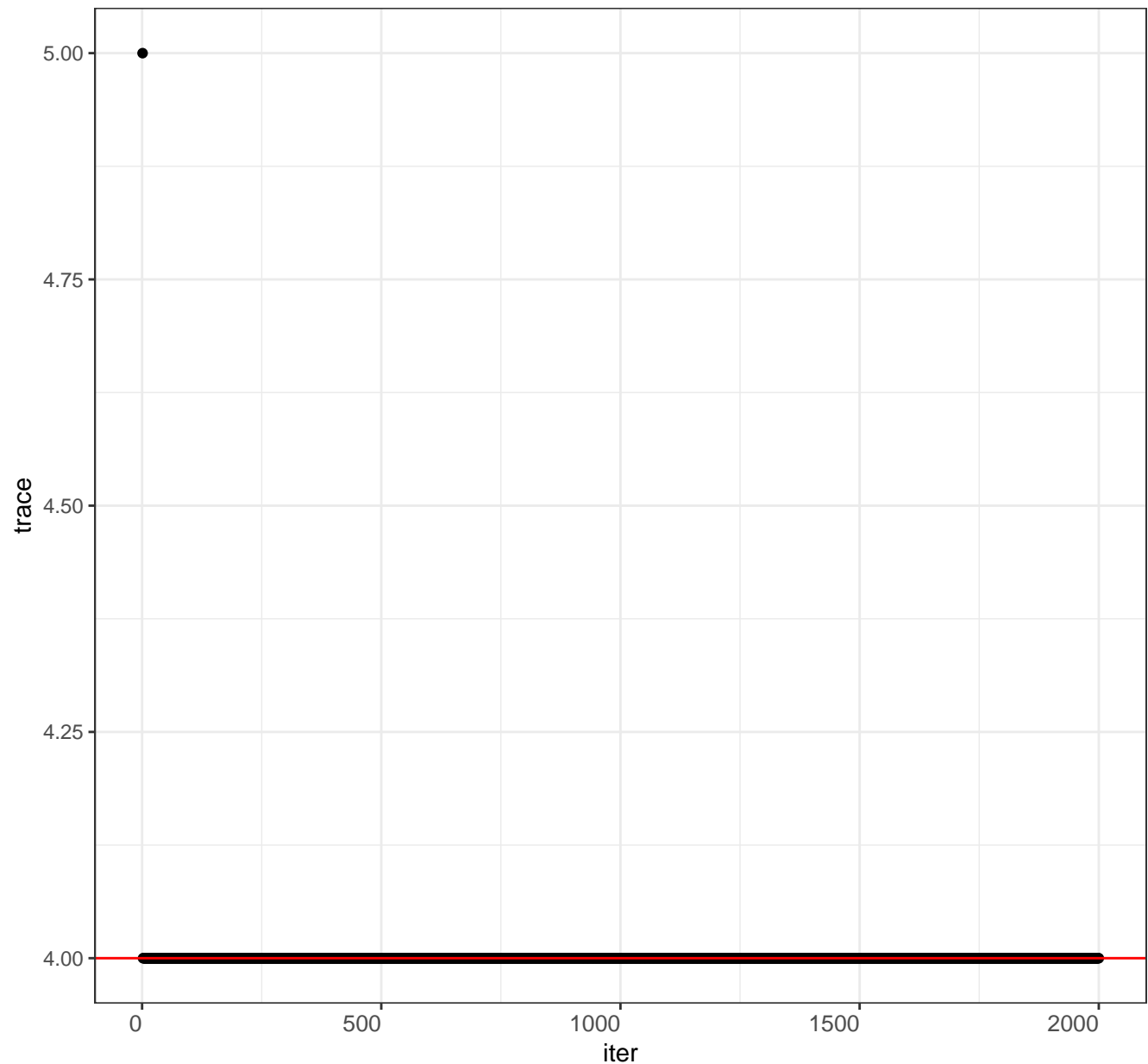Weights for the case: S=50 ,r=20 true gr K=4 ,type=1 ,N=150 pN=0.015

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

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=50 r=20 true K=4 type=1

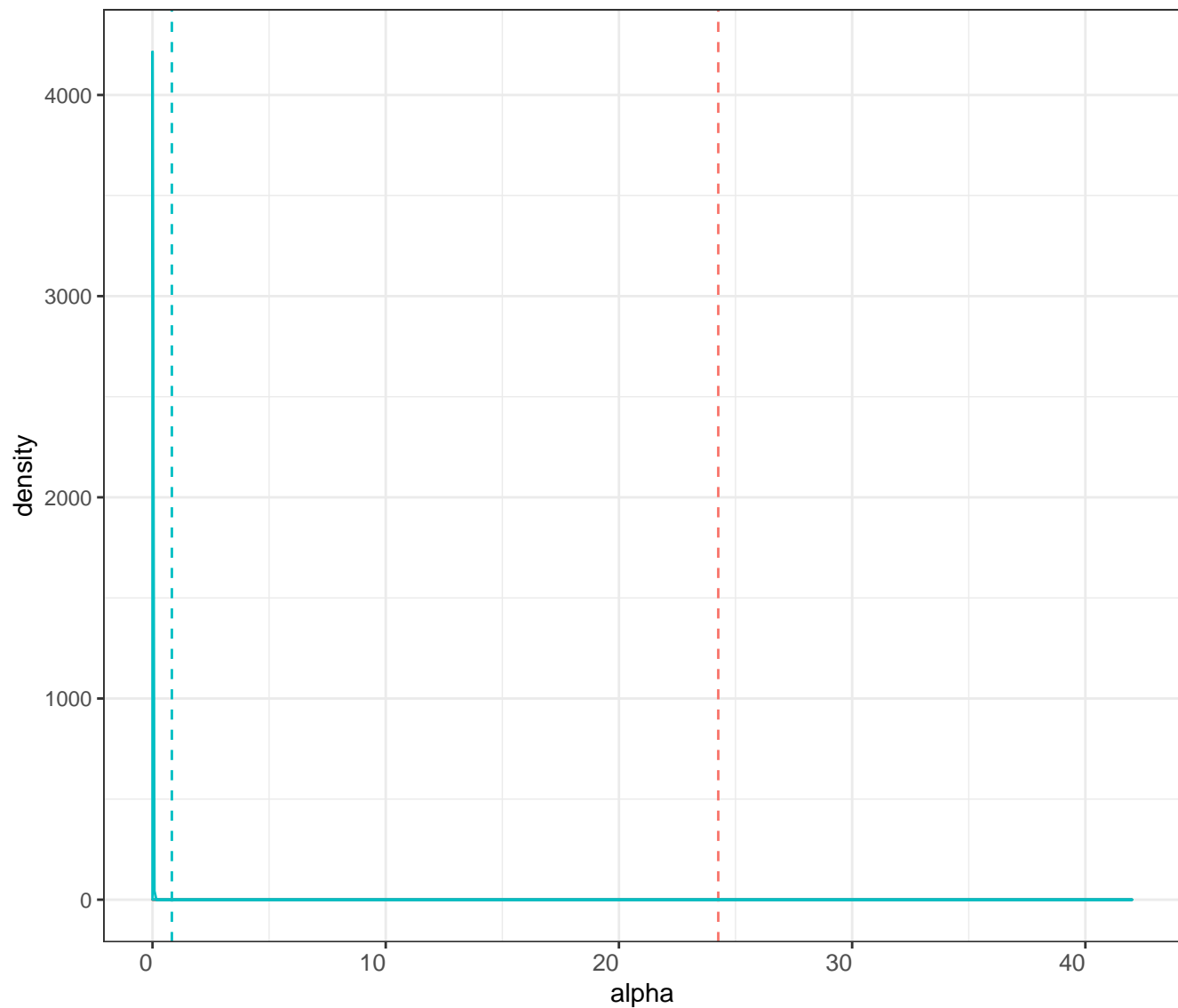Trace plot for the number of groups K for S=50 r=20 true K=4 type=1

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

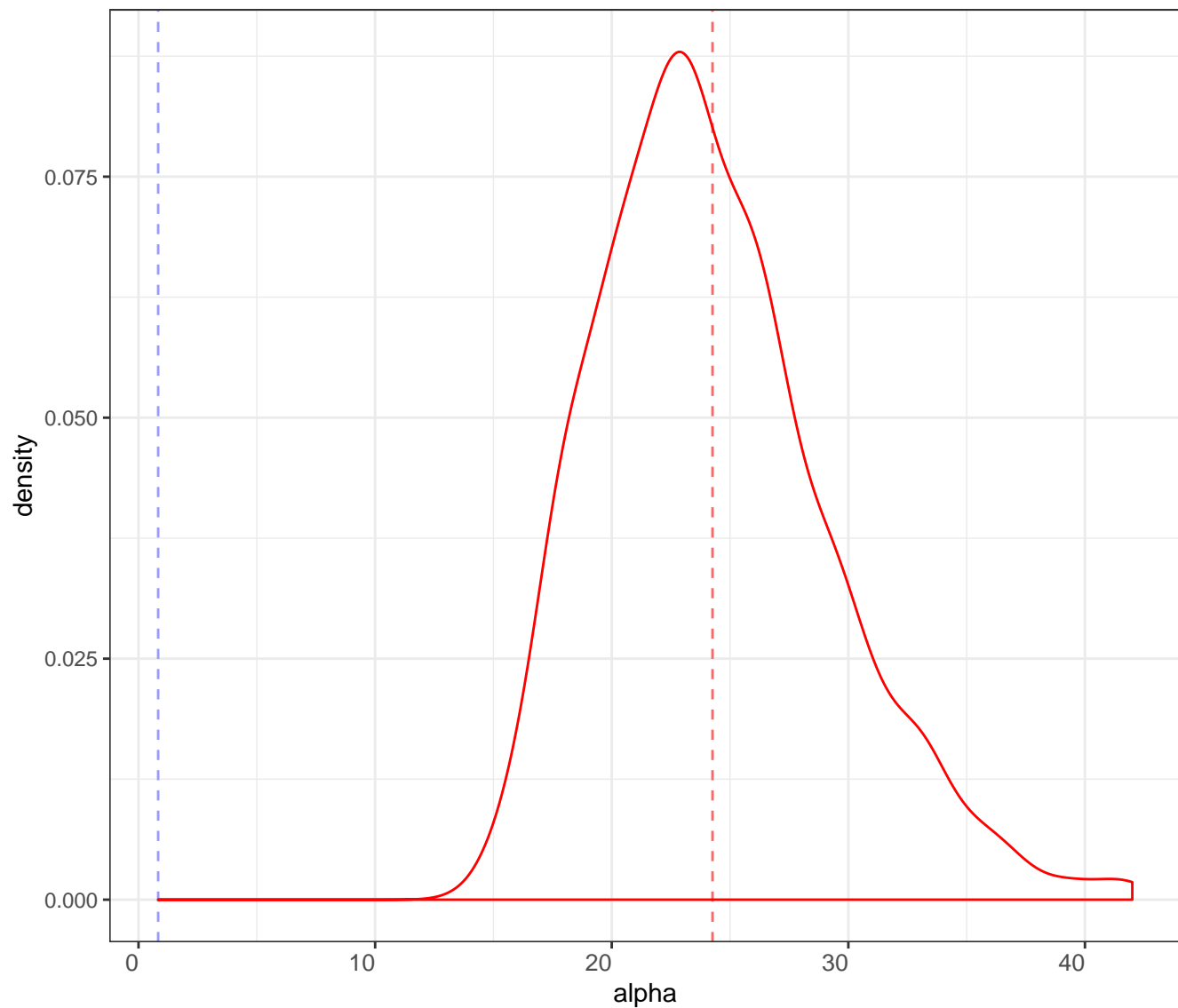Distribution alpha: S=50 ,r=20 true gr K=4 ,type=1 ,N=150

type — posterior — prior

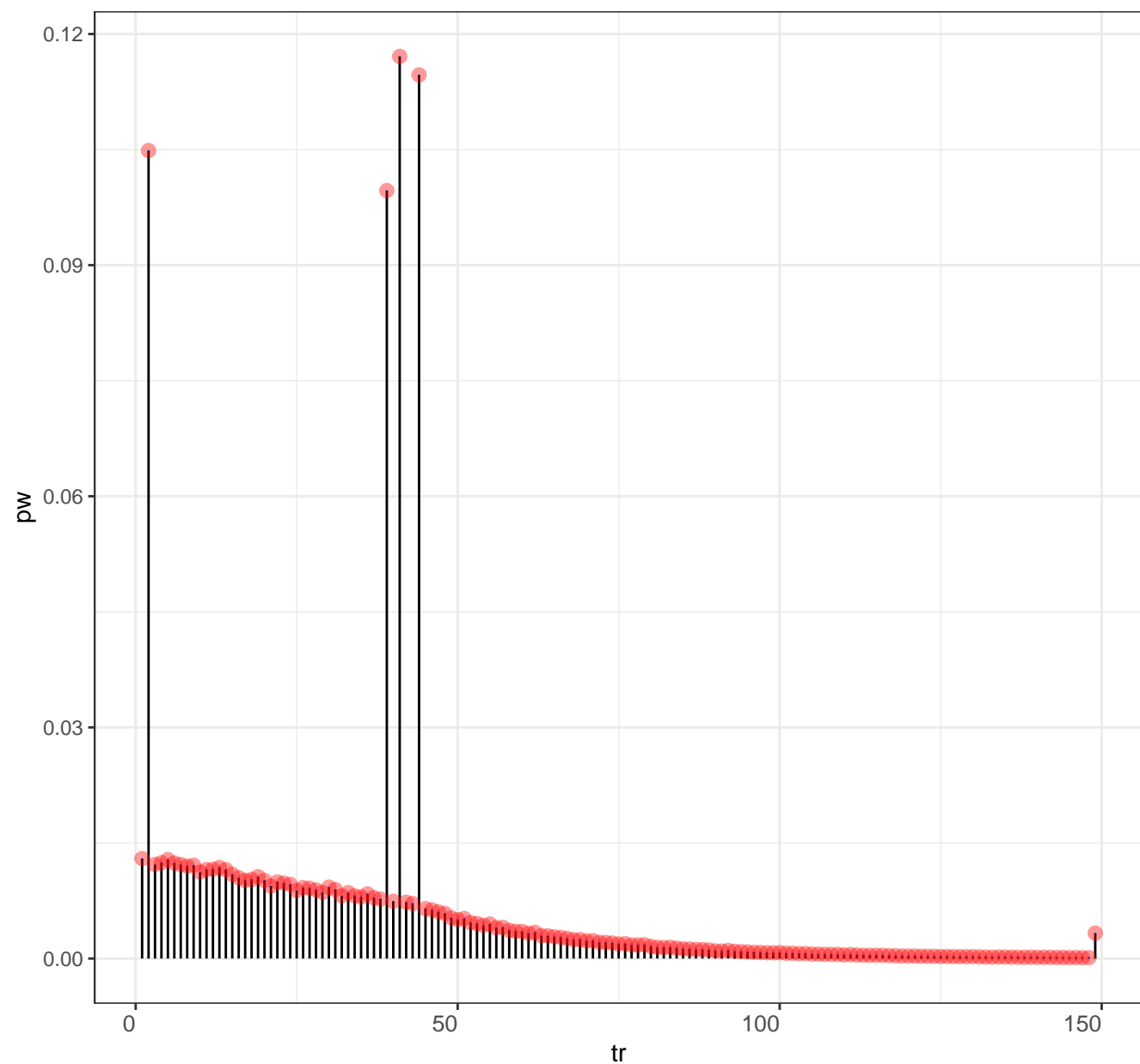Number of iterations: 2000 burnin: 1000 number of samples: 500

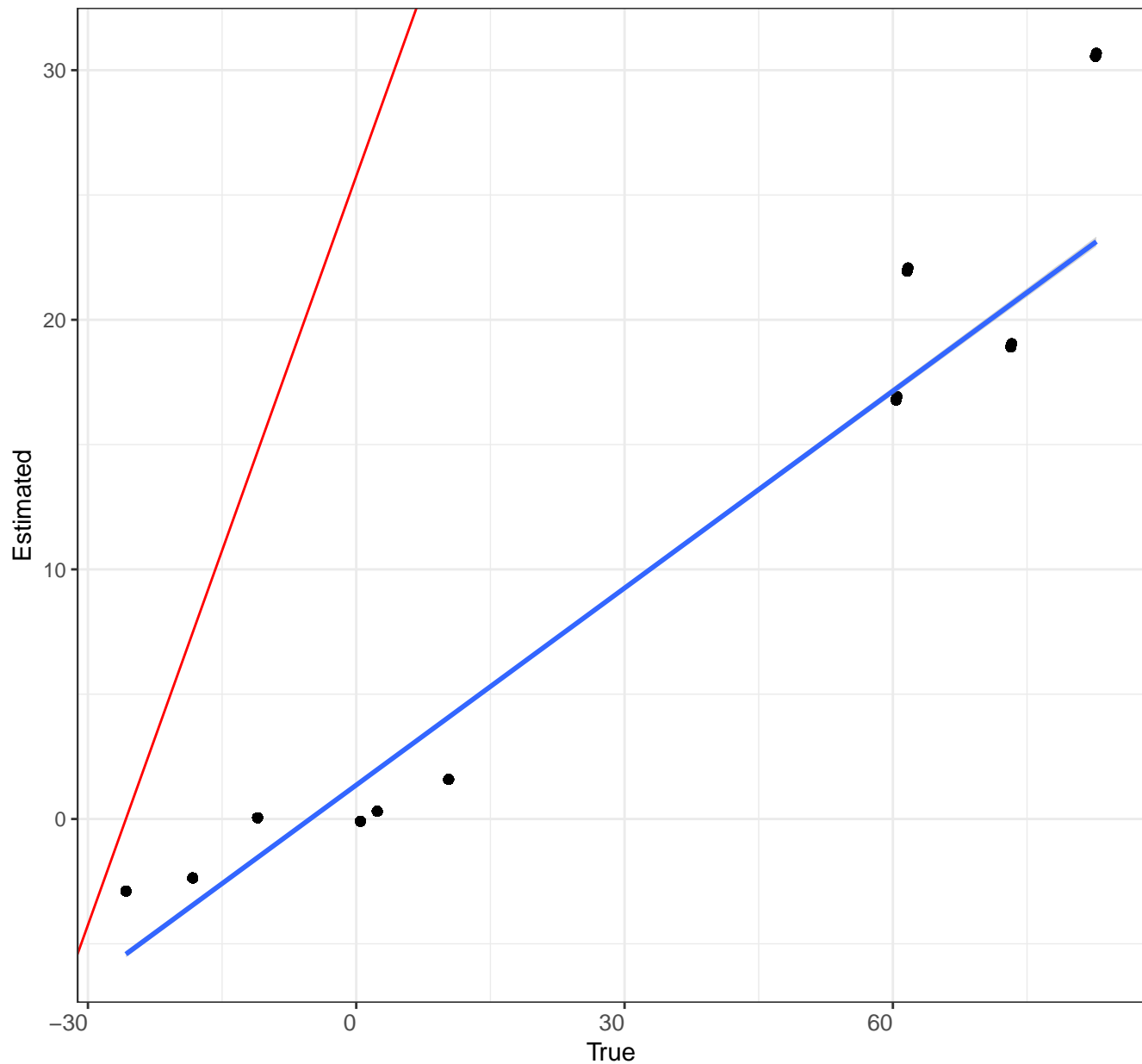Posterior distribution for alpha

Legend ┊ posterior mean ┊ prior mean

Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=20 true gr K=4 ,type=1 ,N=150

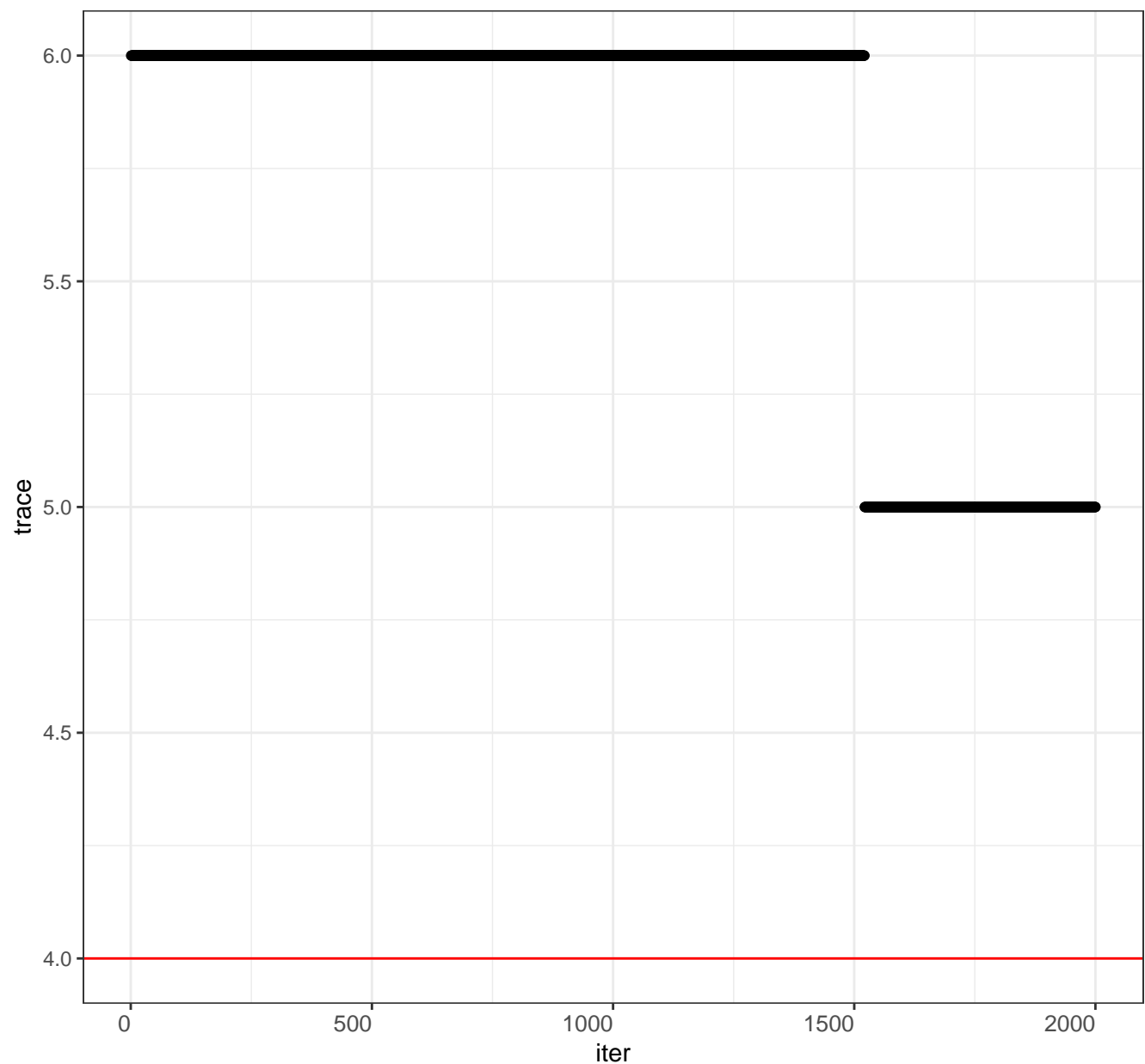Weights for the case: S=50 ,r=20 true gr K=4 ,type=1 ,N=150 pN=0.003

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

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=50 r=20 true K=4 type=1
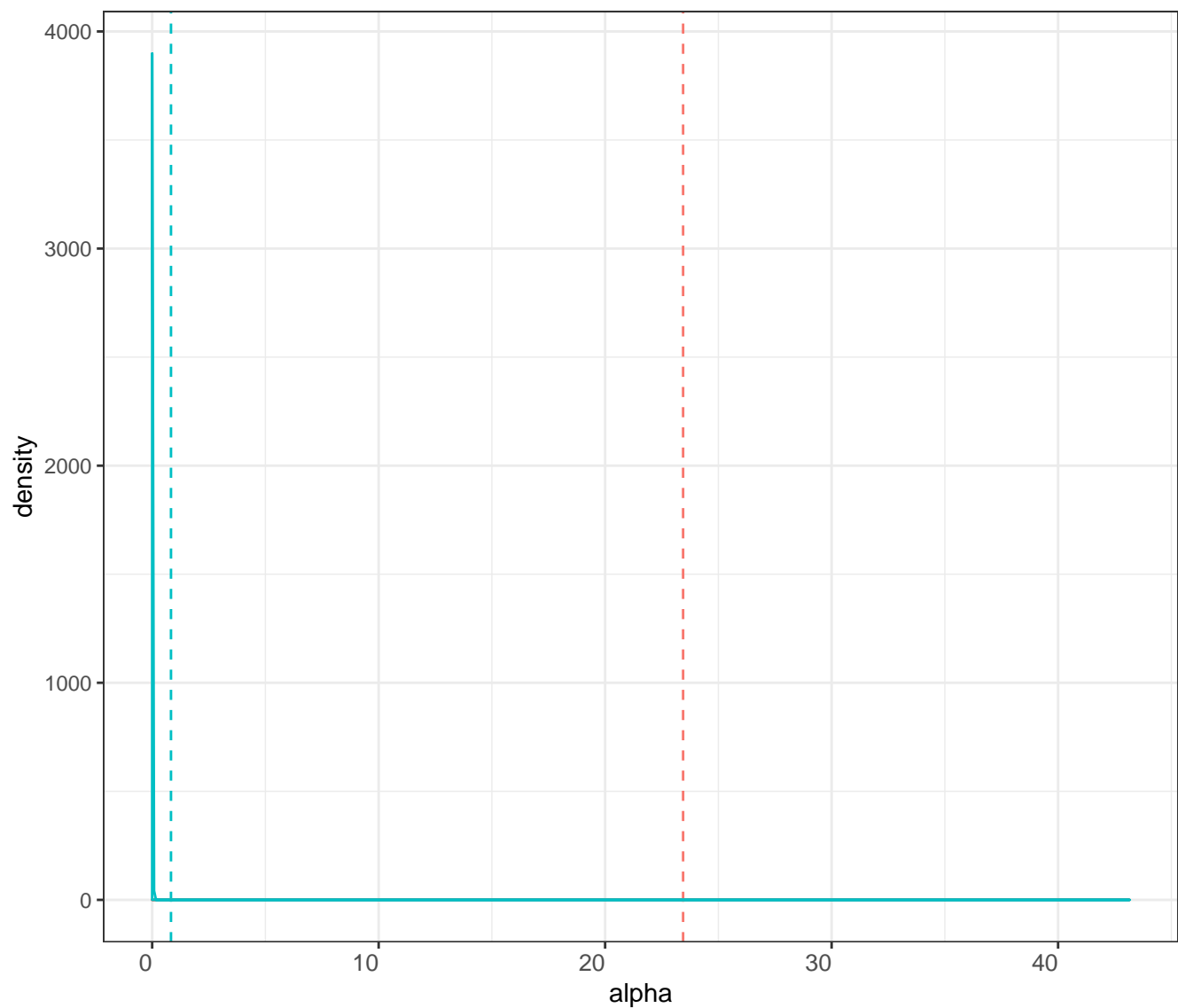
Trace plot for the number of groups K for S=50 r=20 true K=4 type=1

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

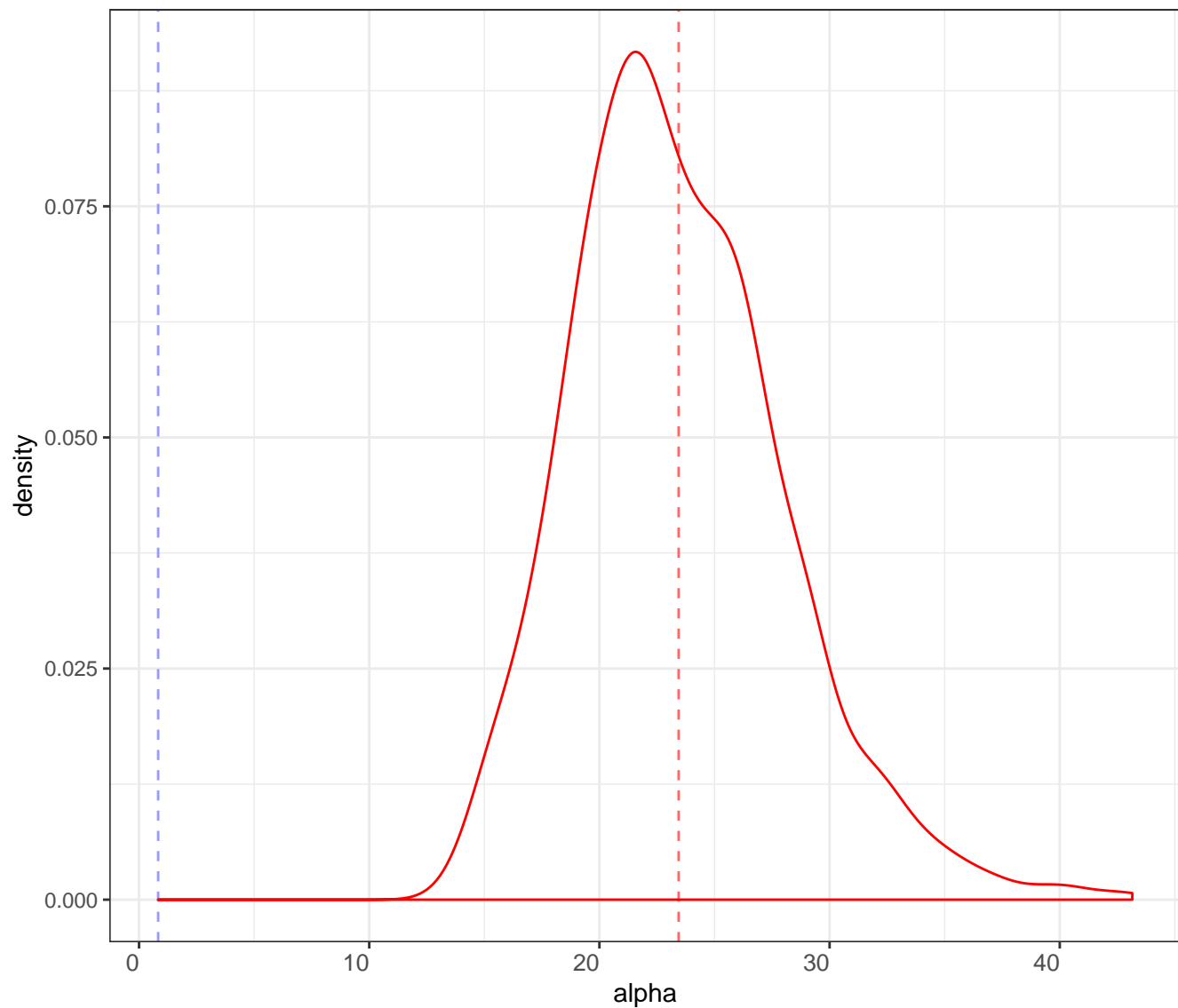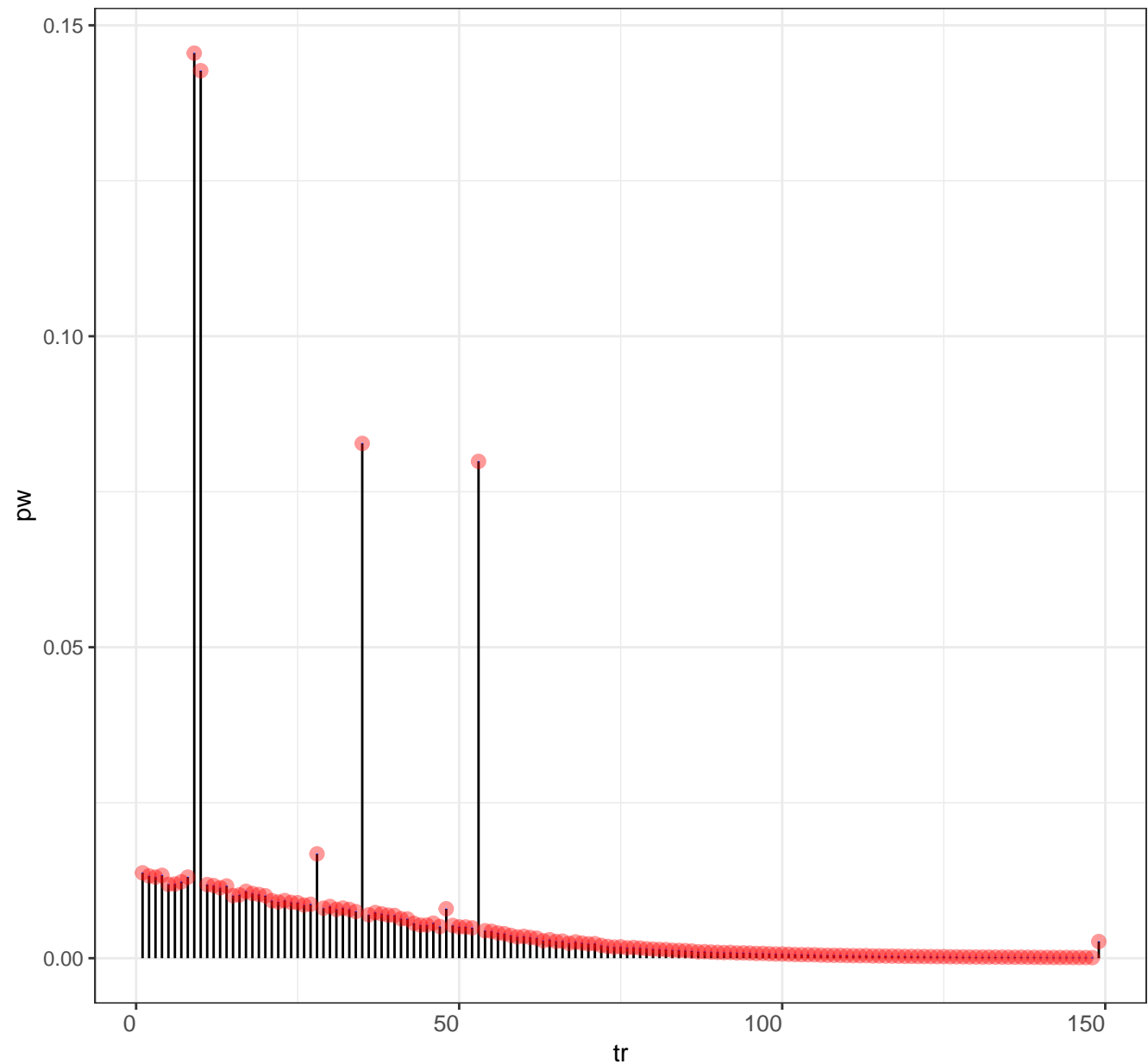Distribution alpha: S=50 ,r=20 true gr K=4 ,type=1 ,N=150

type ⊟ posterior ⊟ prior

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

Posterior distribution for alpha

Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=20 true gr K=4 ,type=1 ,N=150
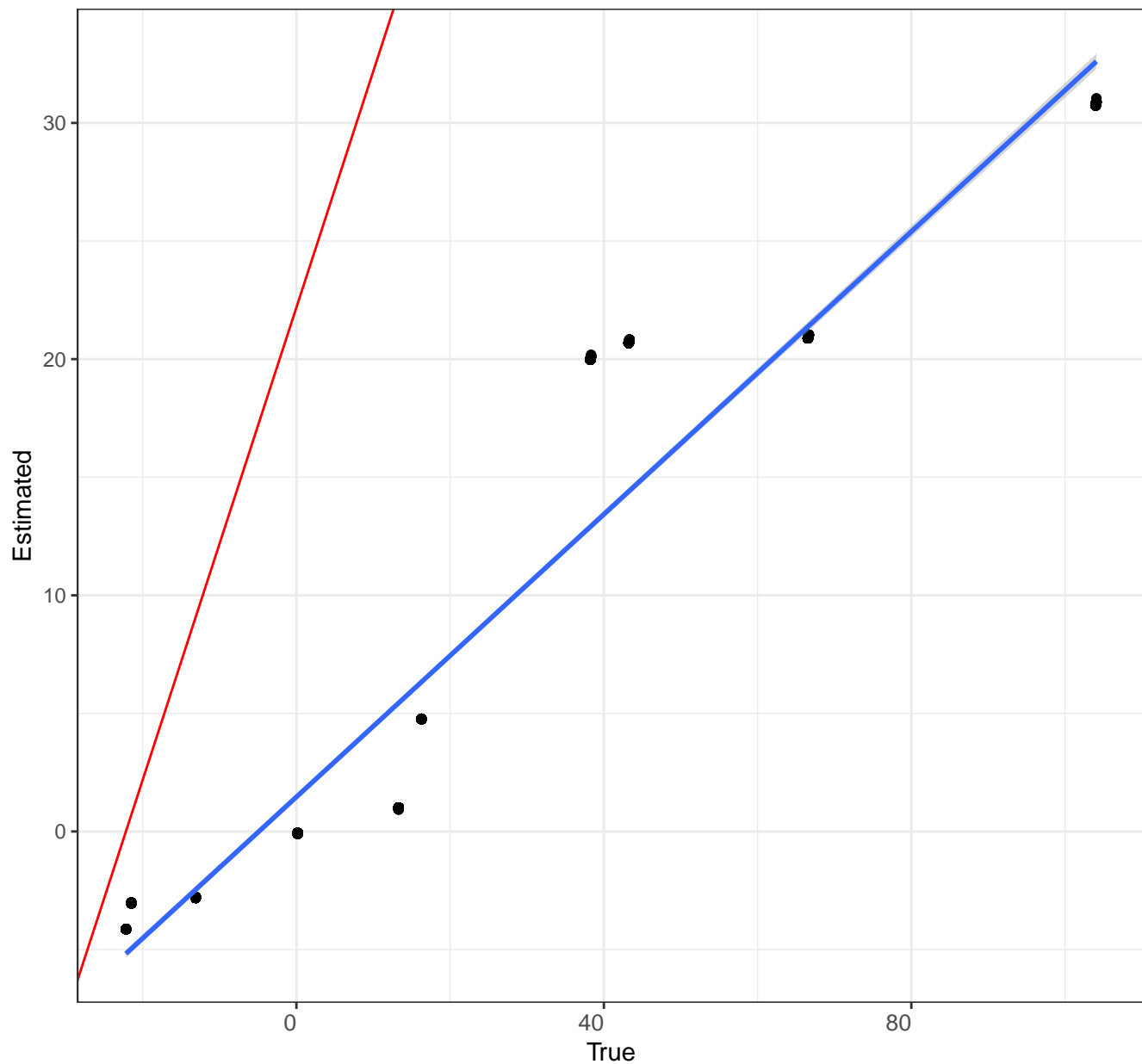
Weights for the case: S=50 ,r=20 true gr K=4 ,type=1 ,N=150 pN=0.003

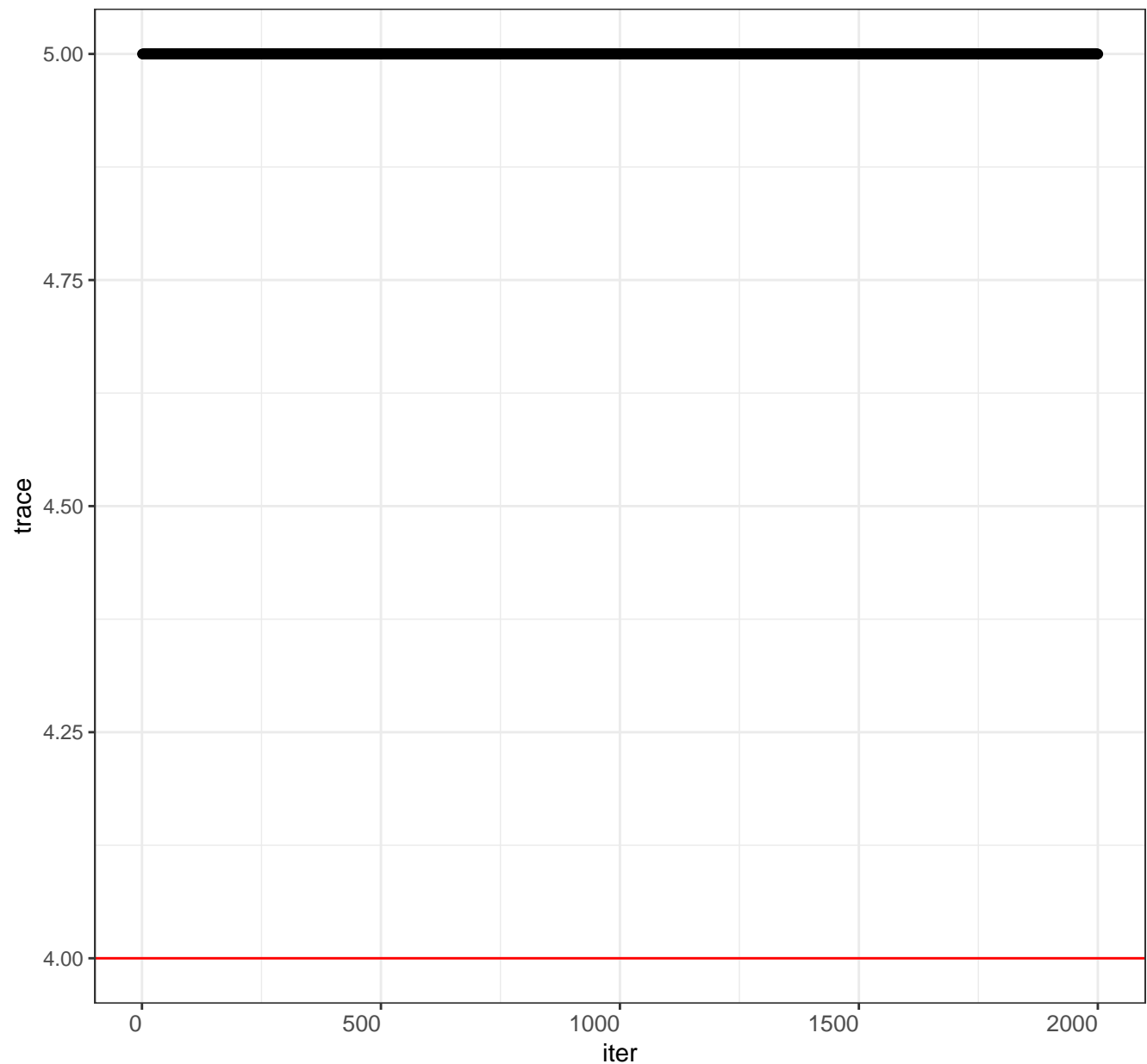Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=50 r=20 true K=4 type=1
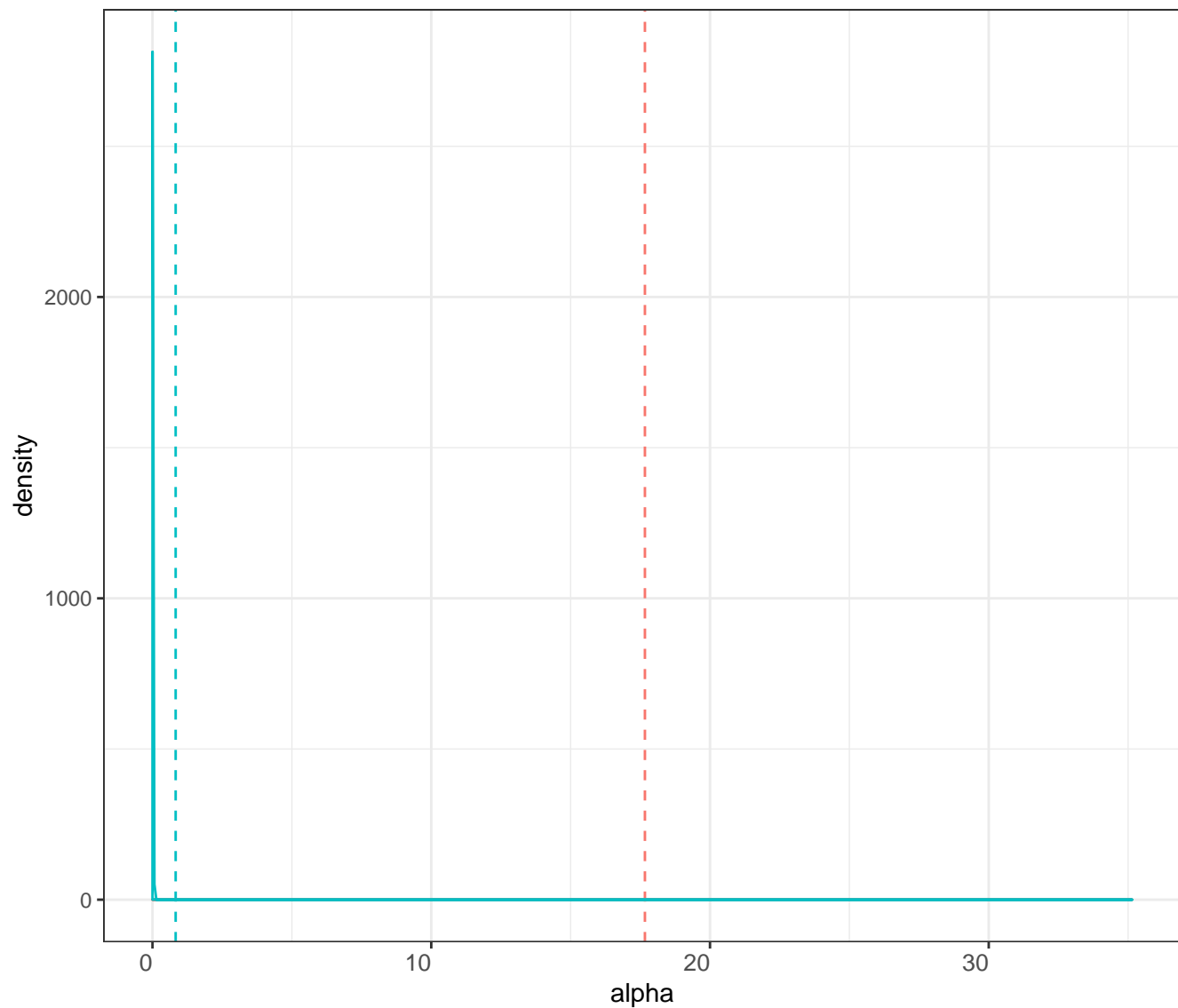
Trace plot for the number of groups K for S=50 r=20 true K=4 type=1

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

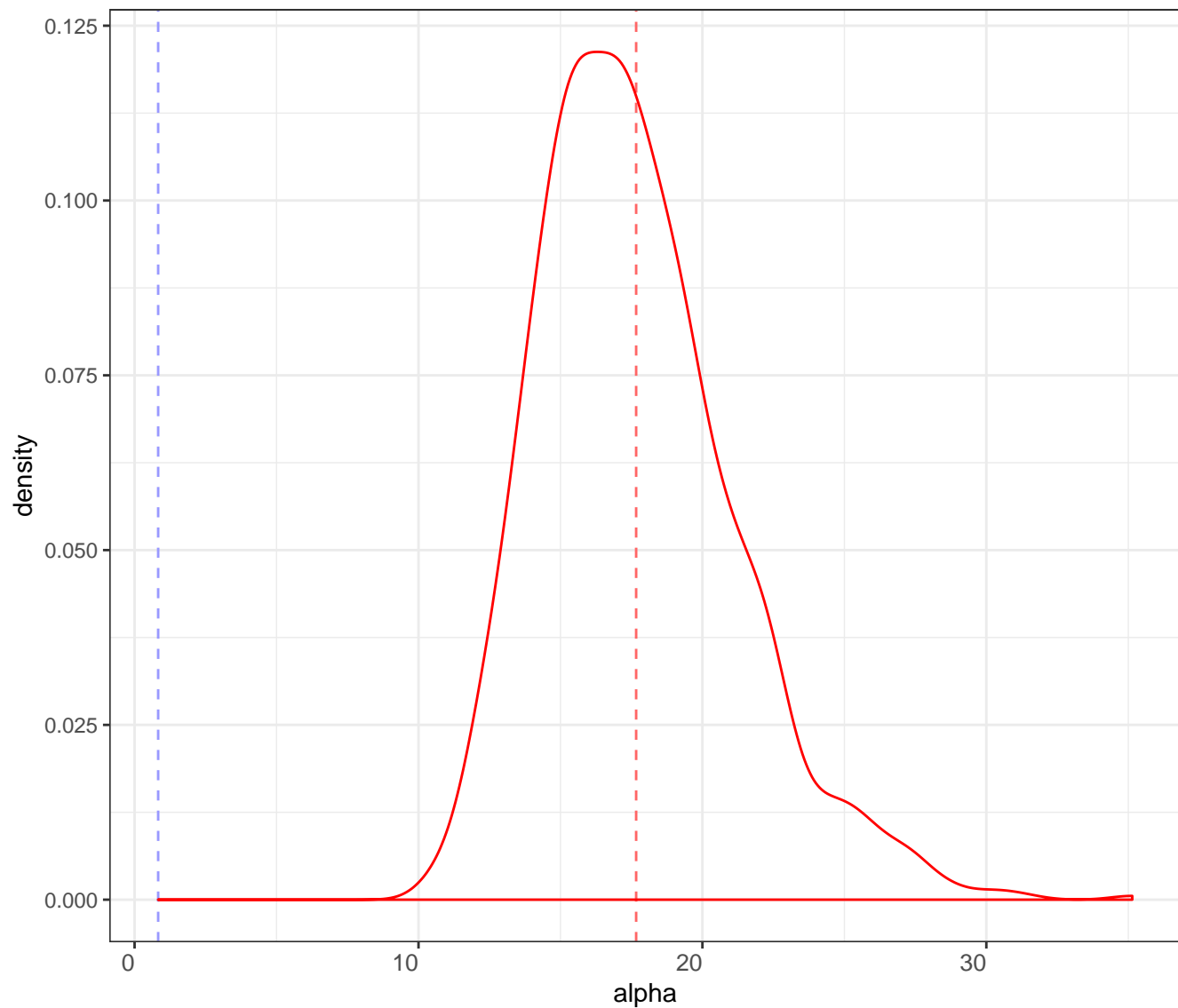Distribution alpha: S=50 ,r=20 true gr K=4 ,type=1 ,N=150

type ┆ posterior ┆ prior

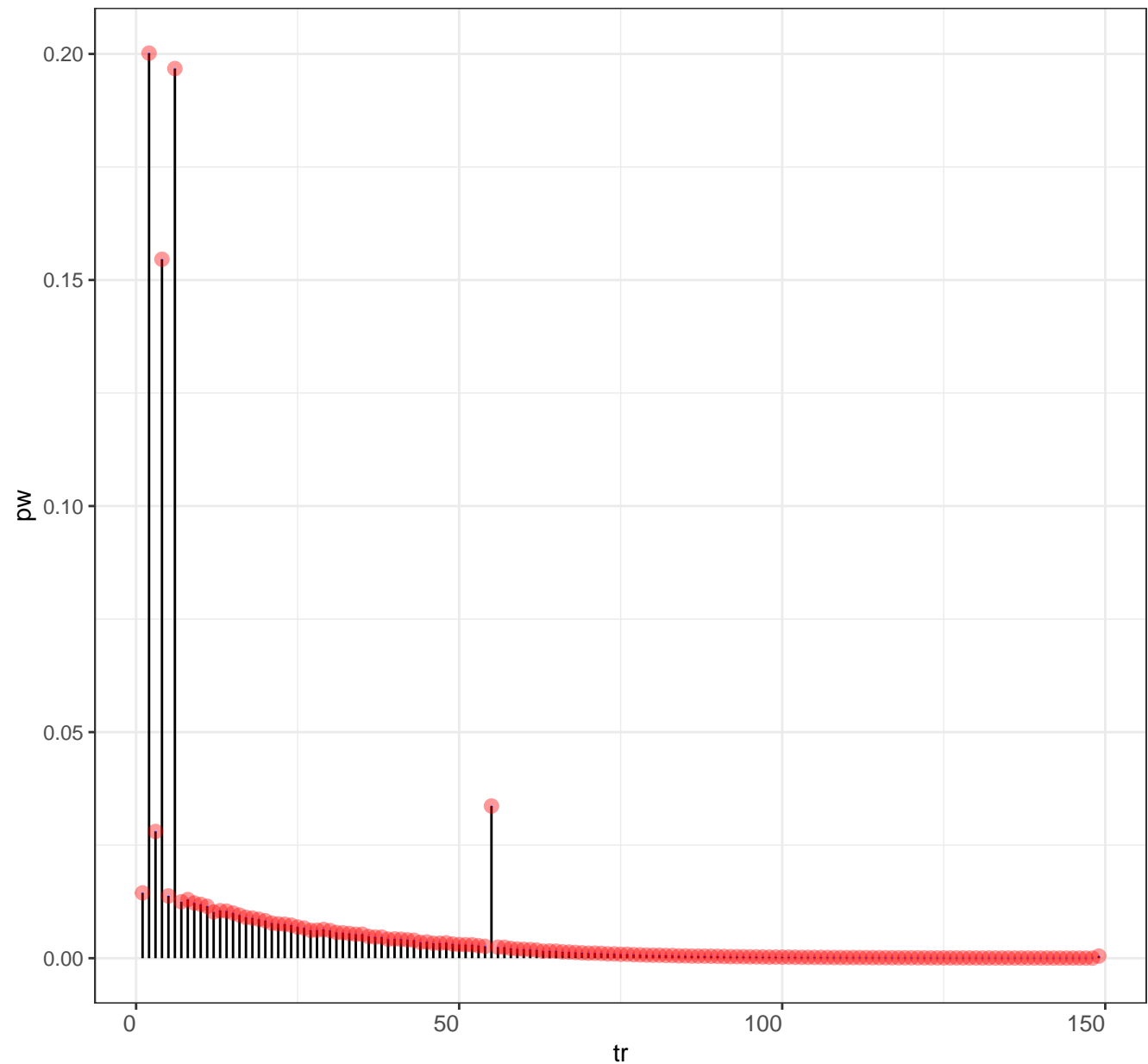Number of iterations: 2000 burnin: 1000 number of samples: 500
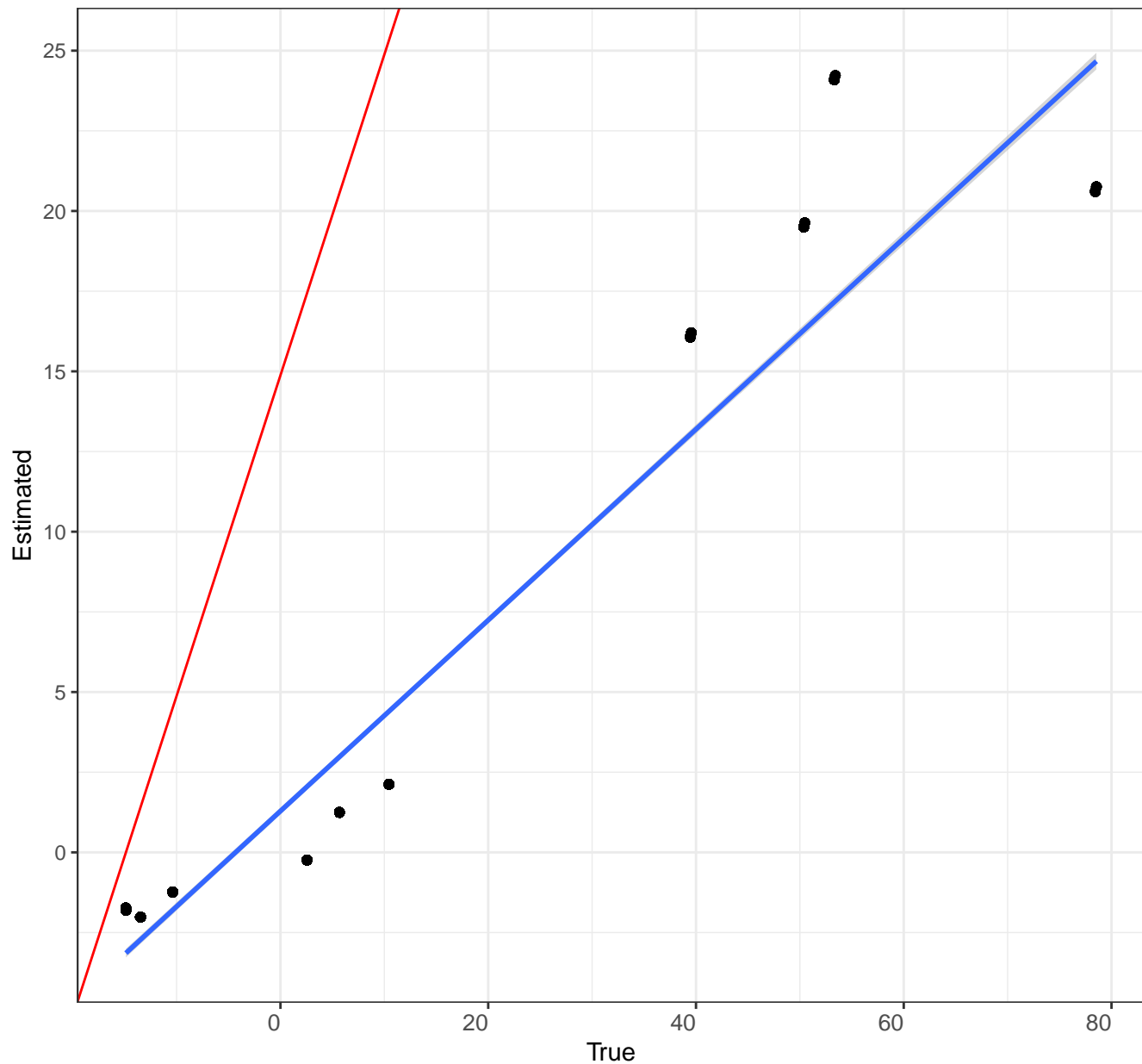
Posterior distribution for alpha

Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=20 true gr K=4 ,type=1 ,N=150

Weights for the case: S=50 ,r=20 true gr K=4 ,type=1 ,N=150 pN=0
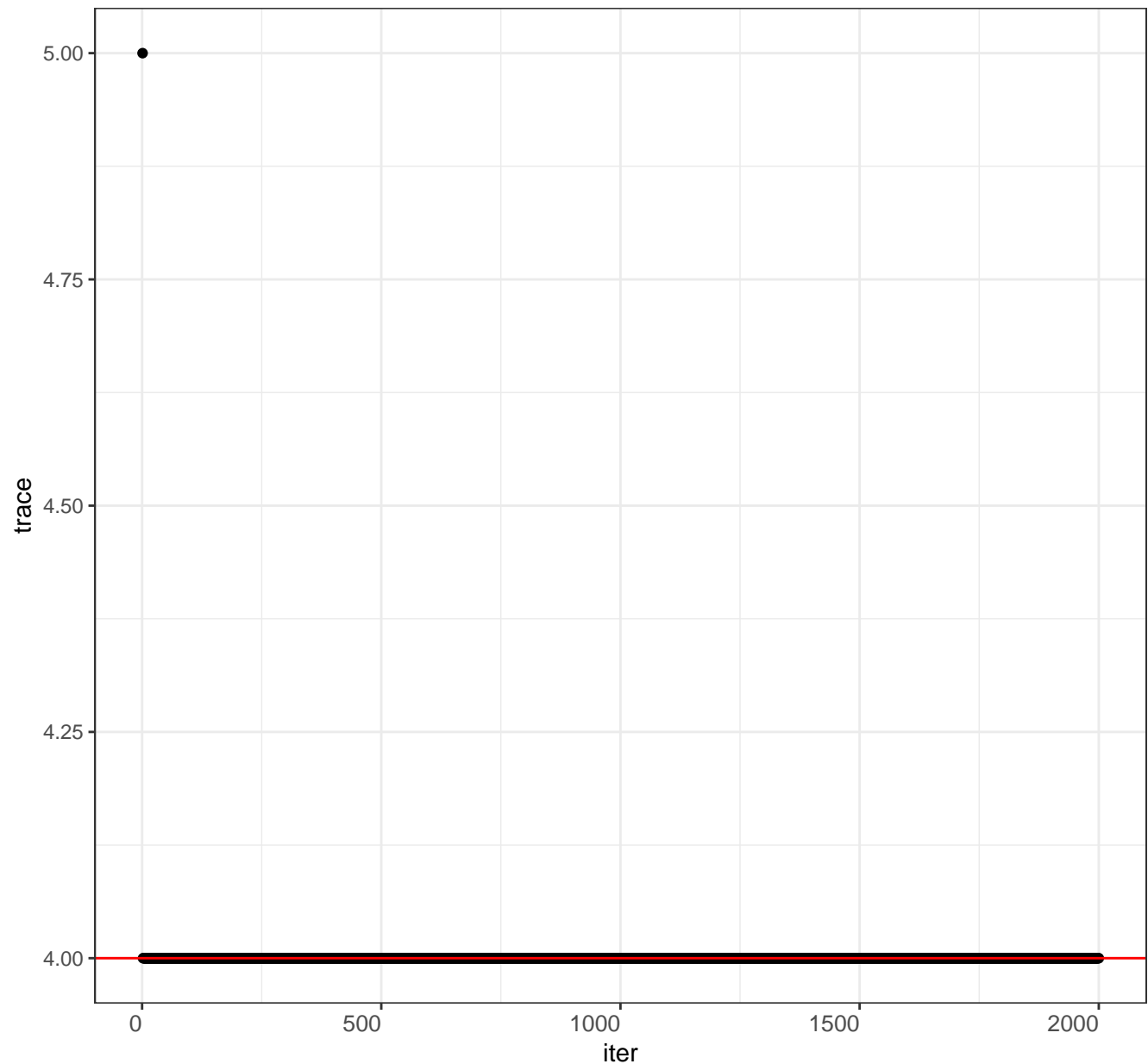
Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters

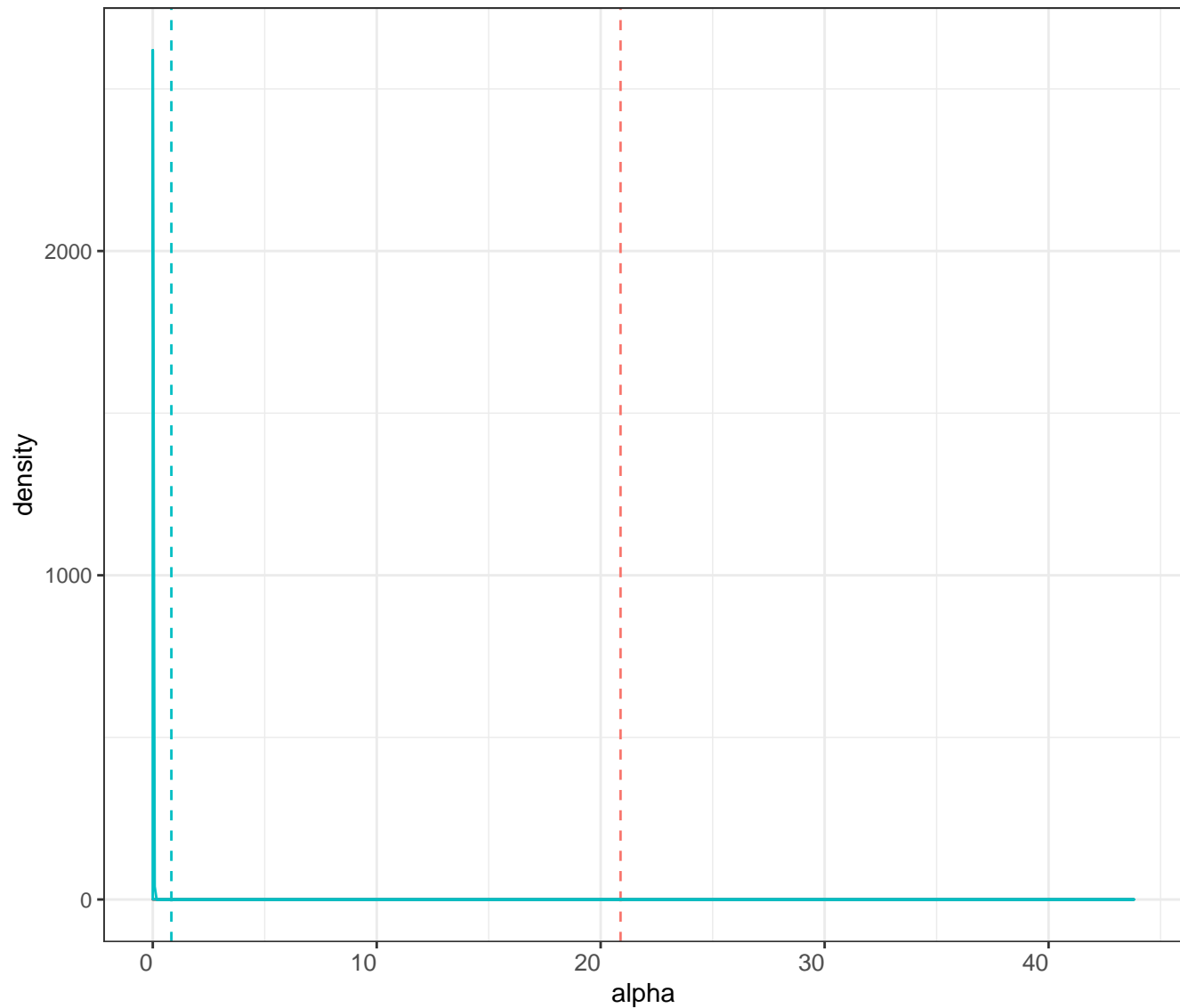Number of iterations: 2000 burnin: 1000number of samples: 500S=50 r=20 true K=4 type=1

Trace plot for the number of groups K for S=50 r=20 true K=4 type=1

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

Distribution alpha: S=50 ,r=20 true gr K=4 ,type=1 ,N=150
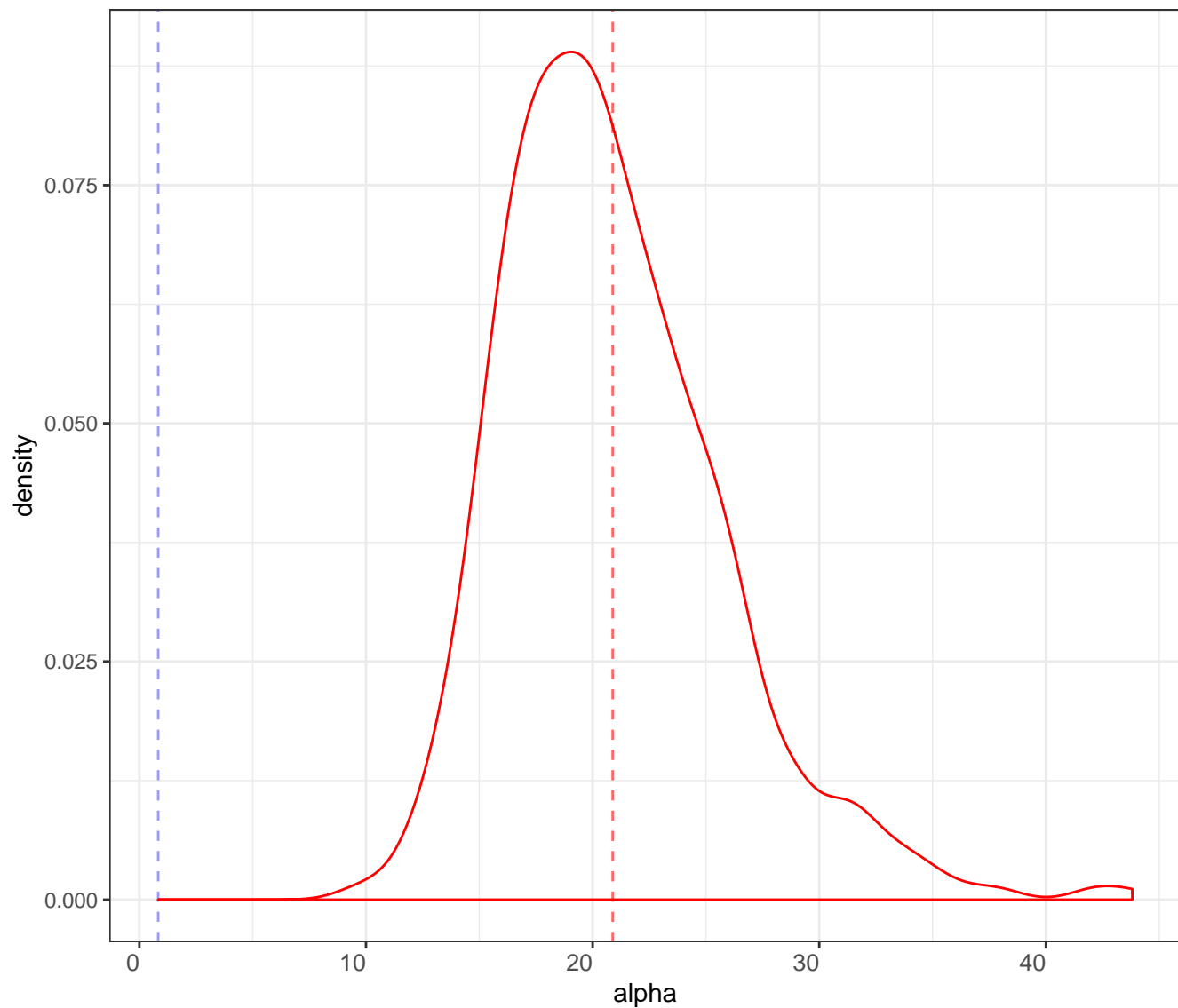
type — posterior — prior

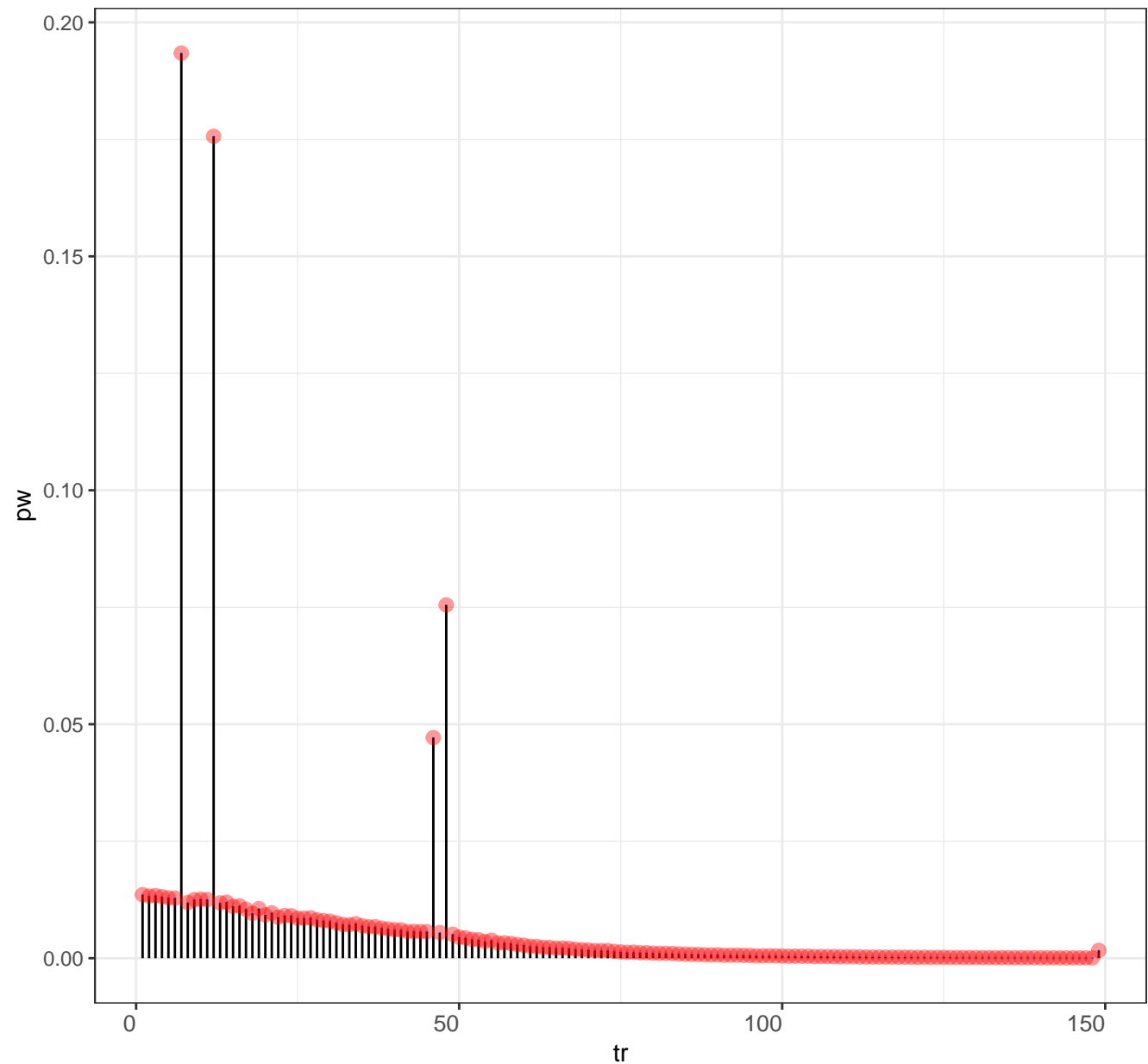Number of iterations: 2000 burnin: 1000 number of samples: 500
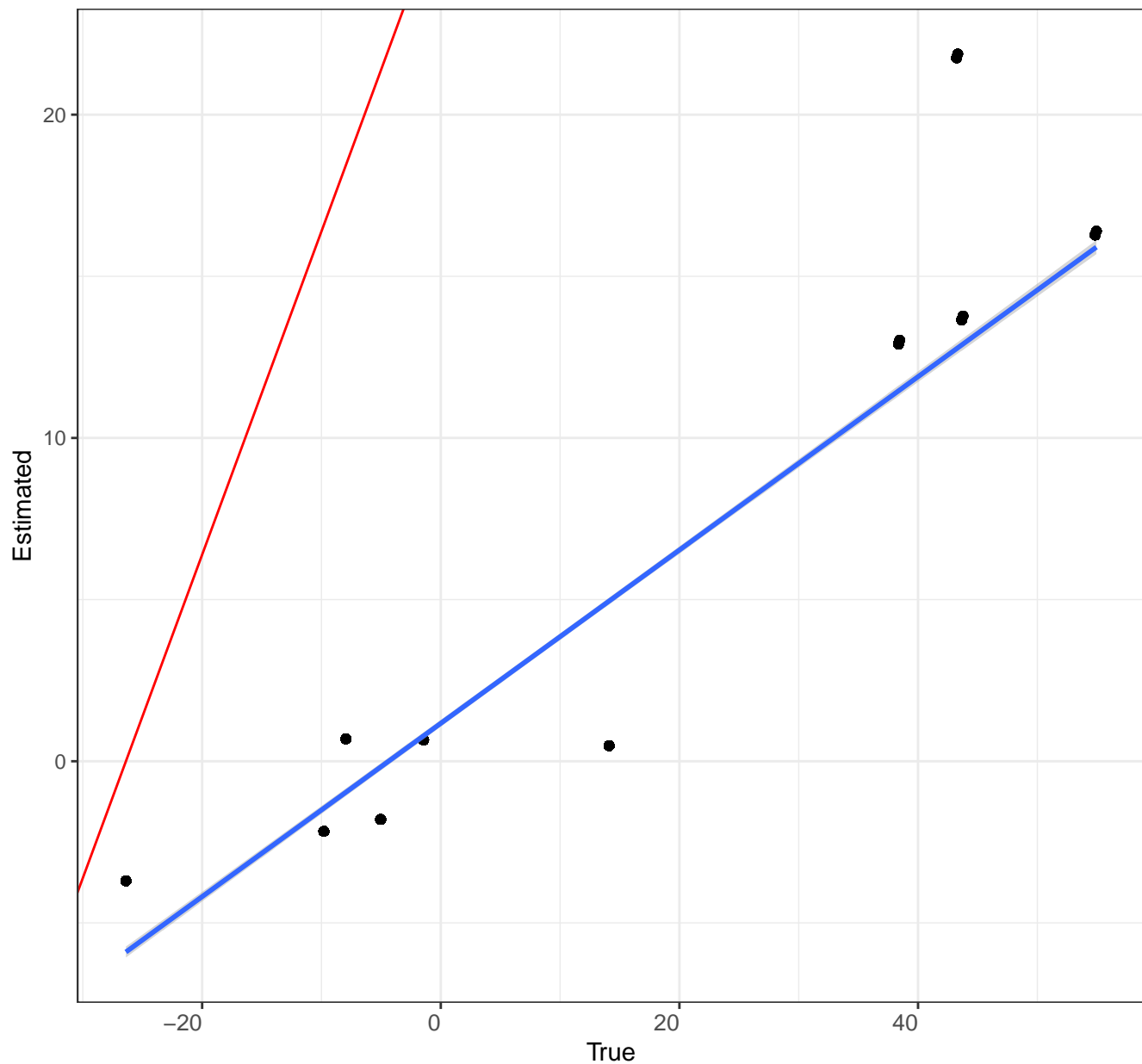
Posterior distribution for alpha

Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=20 true gr K=4 ,type=1 ,N=150

Weights for the case: S=50 ,r=20 true gr K=4 ,type=1 ,N=150 pN=0.002
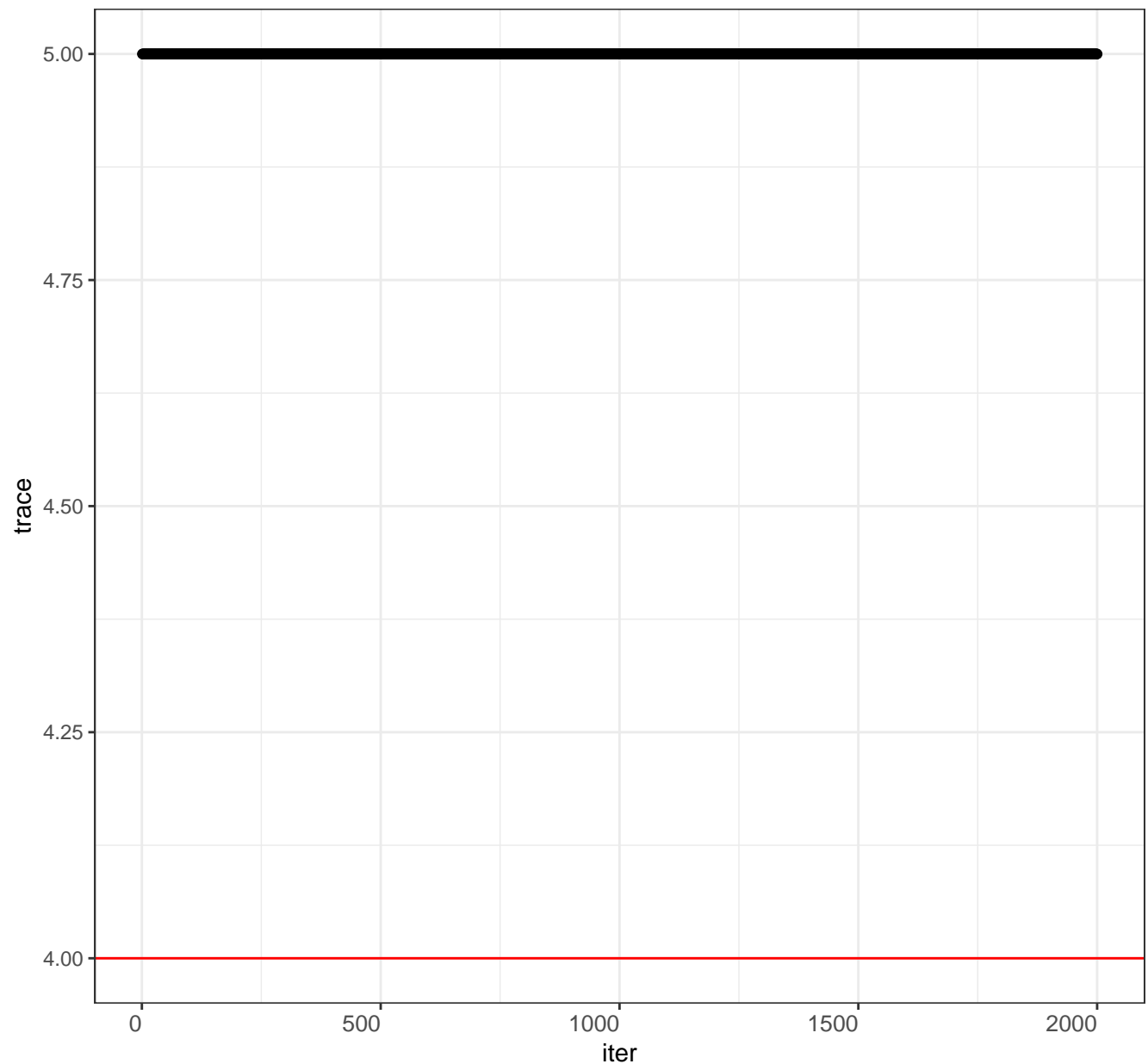
Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=50 r=20 true K=4 type=1
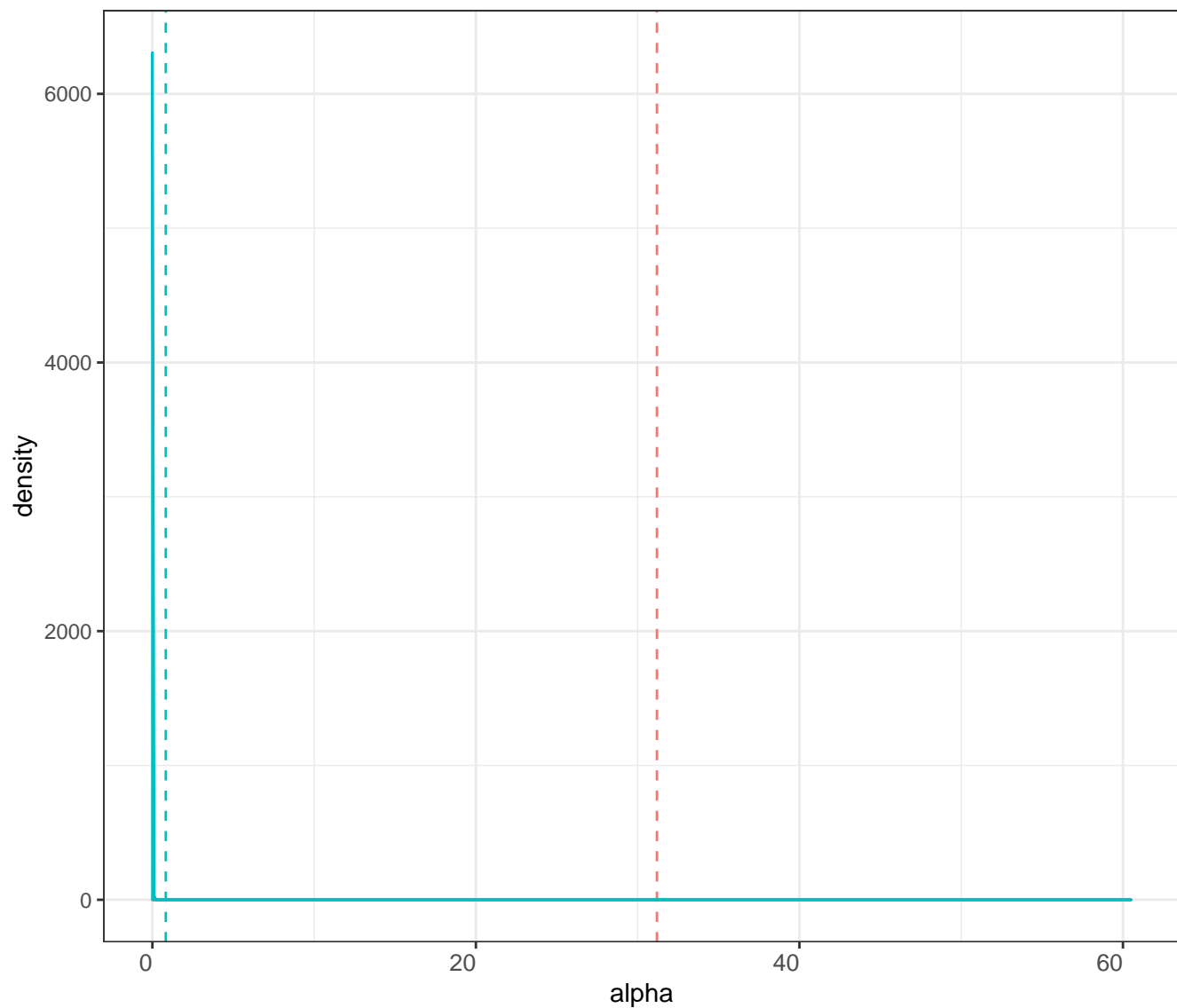
Trace plot for the number of groups K for S=50 r=20 true K=4 type=1

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

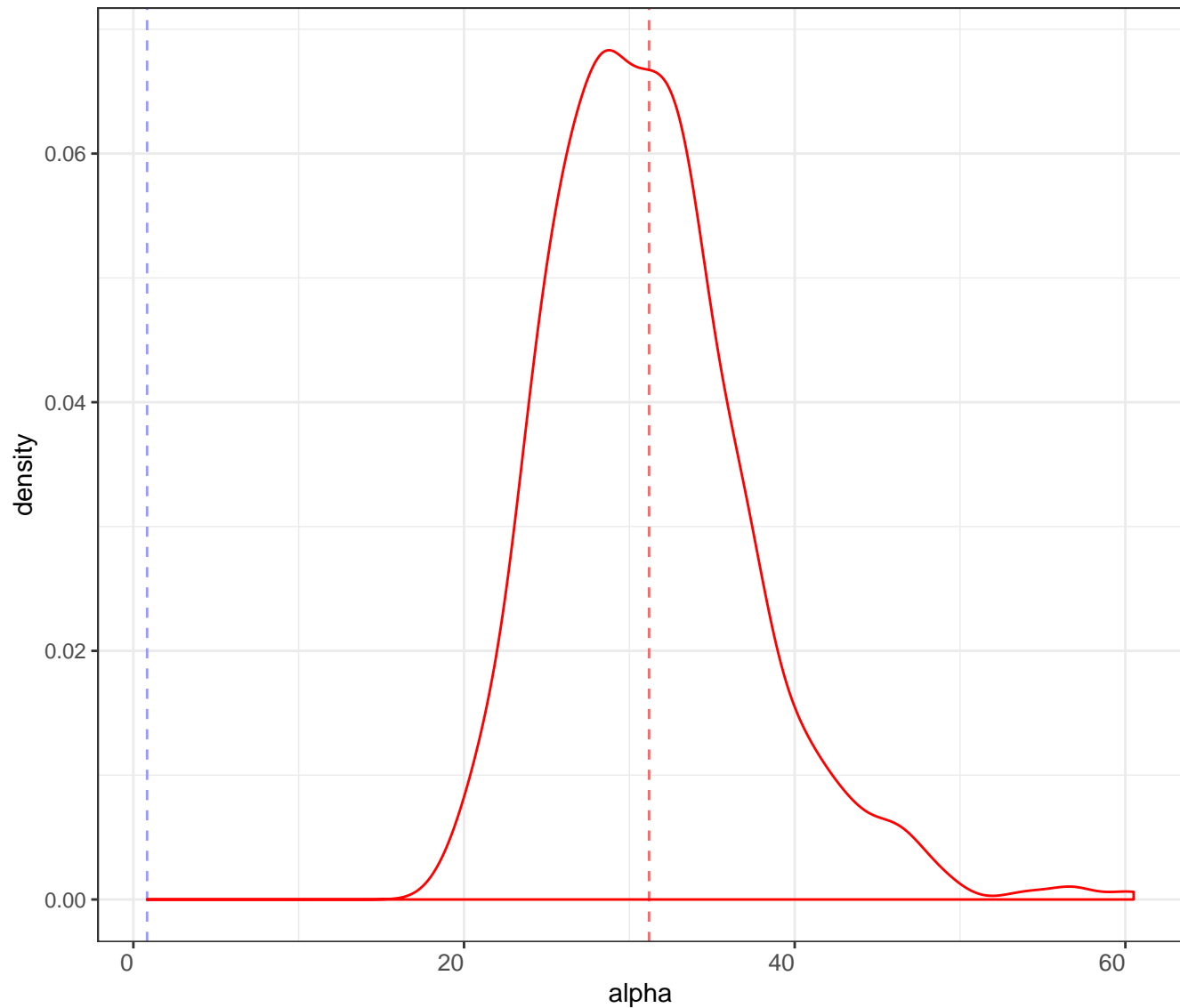Distribution alpha: S=50 ,r=20 true gr K=4 ,type=1 ,N=150

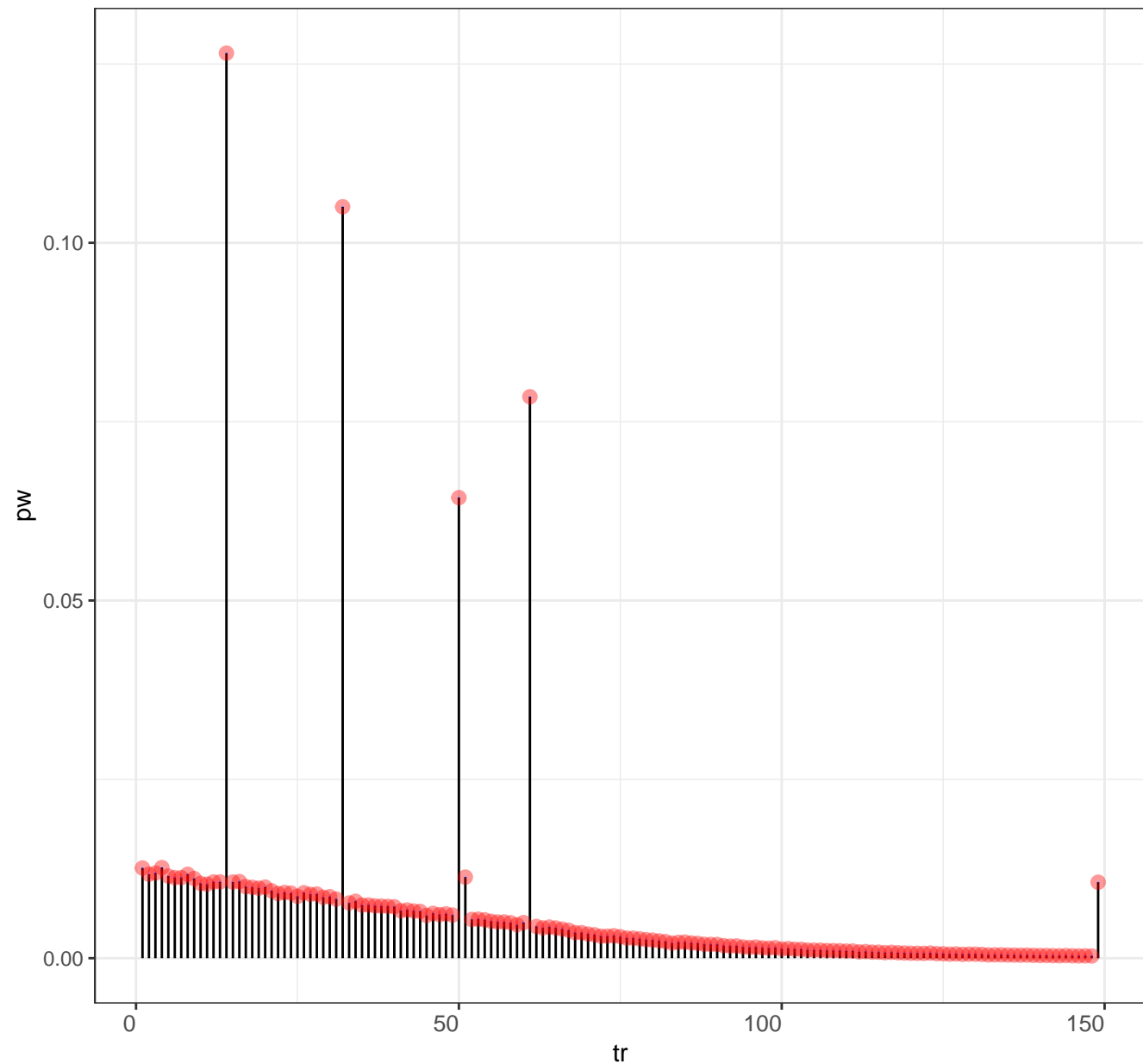Number of iterations: 2000 burnin: 1000 number of samples: 500

Posterior distribution for alpha

Legend — posterior mean — prior mean
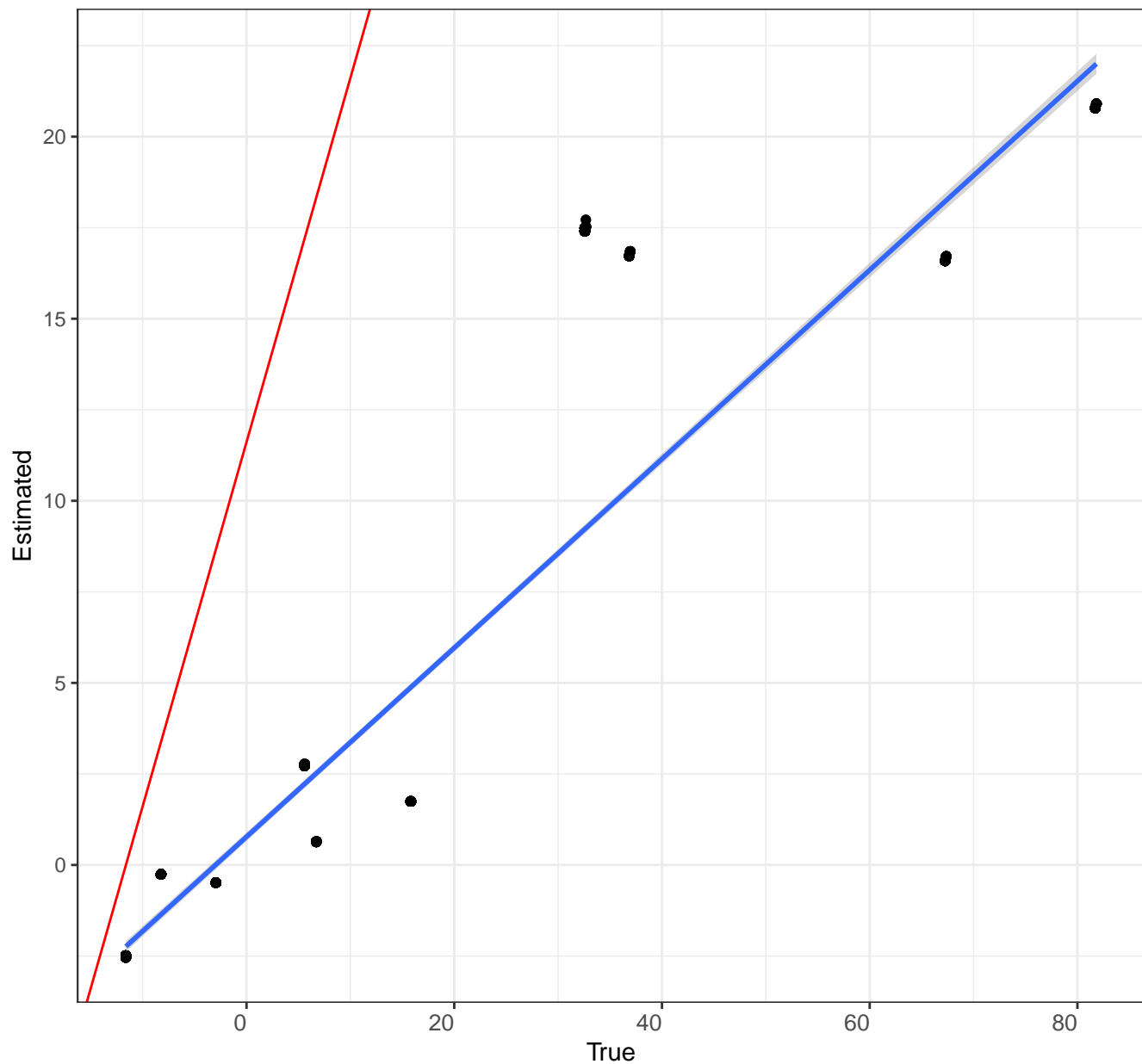
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=20 true gr K=4 ,type=1 ,N=150

Weights for the case: S=50 ,r=20 true gr K=4 ,type=1 ,N=150 pN=0.011

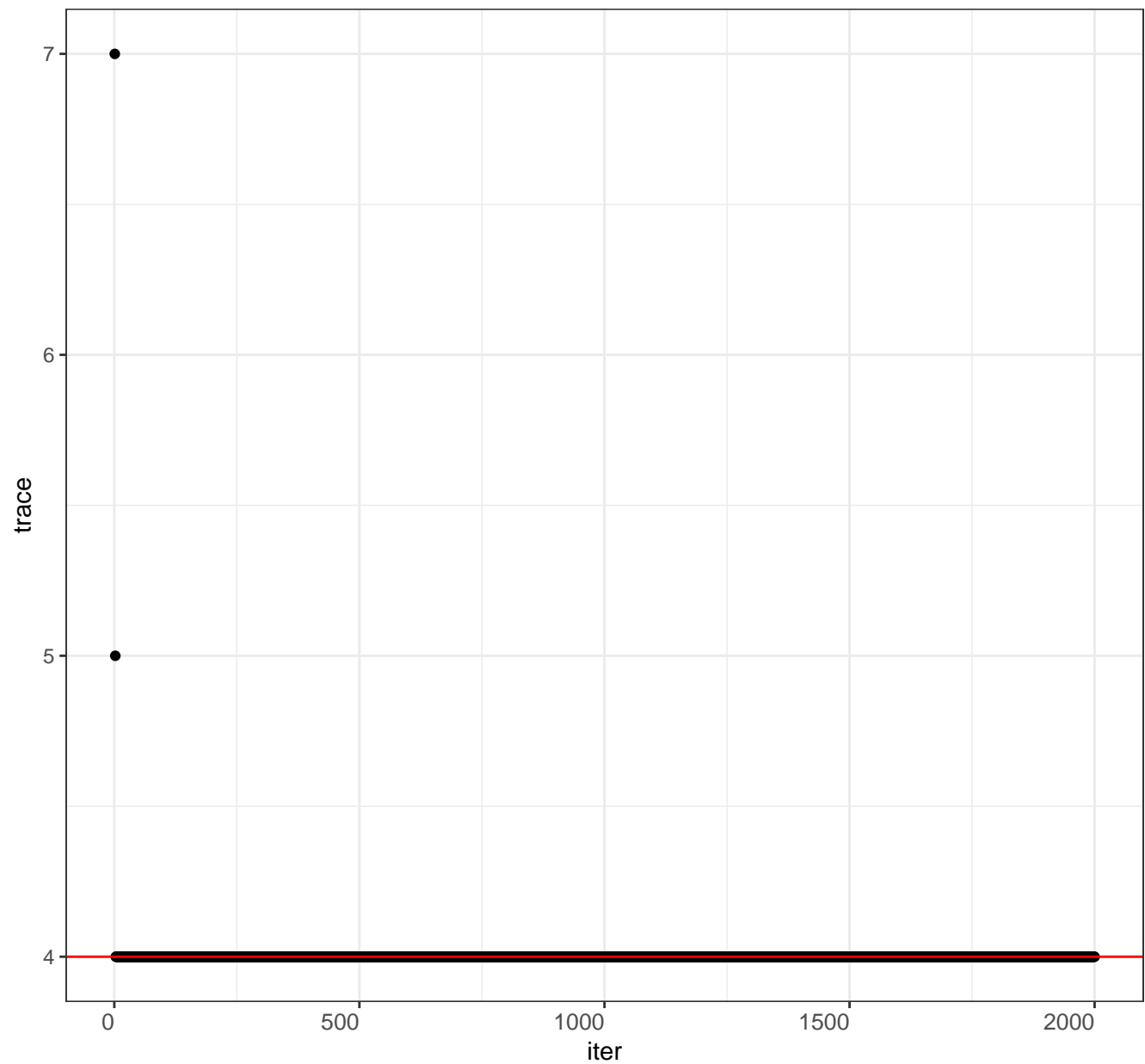Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=50 r=20 true K=4 type=1
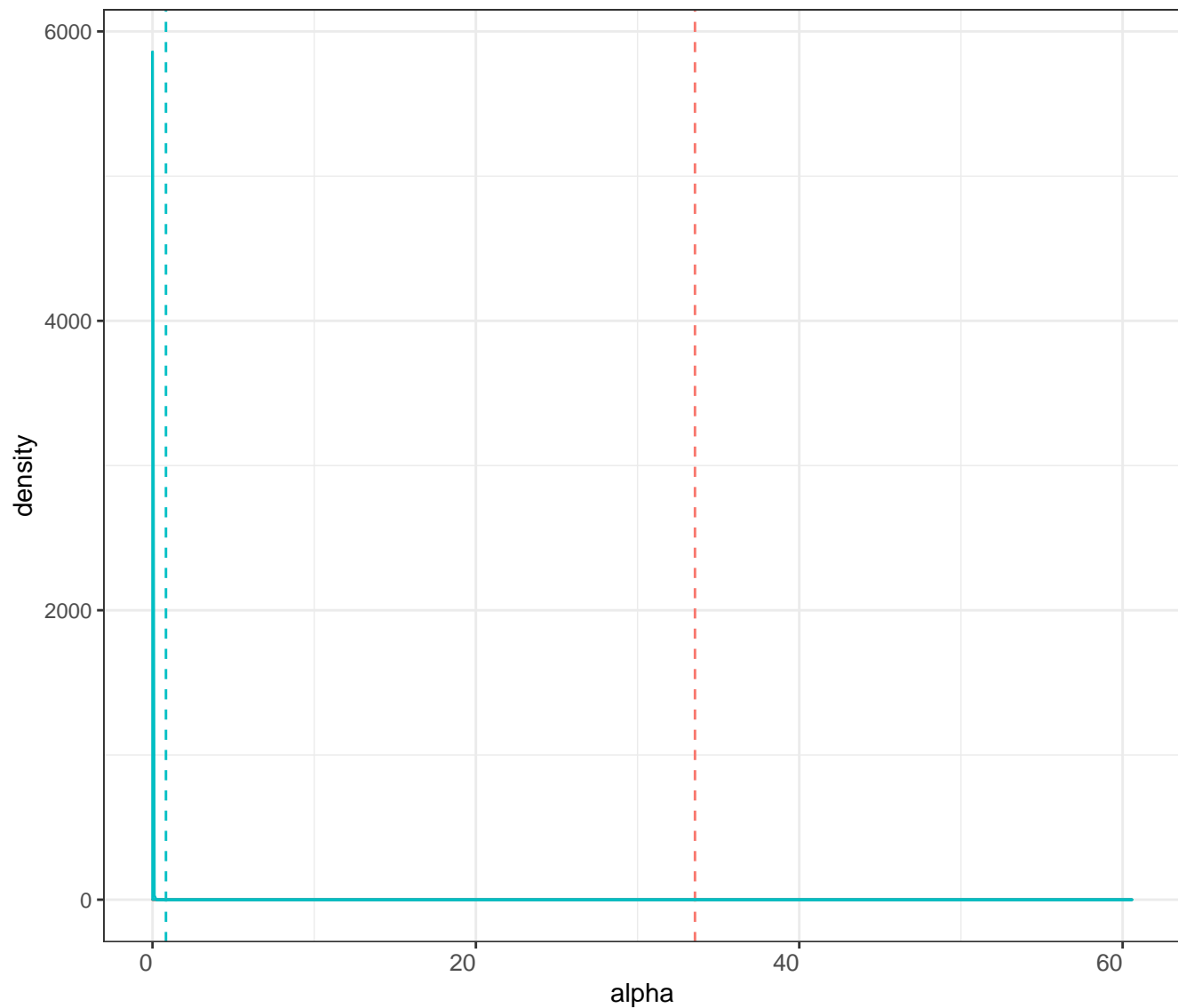
Trace plot for the number of groups K for S=50 r=20 true K=4 type=1

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

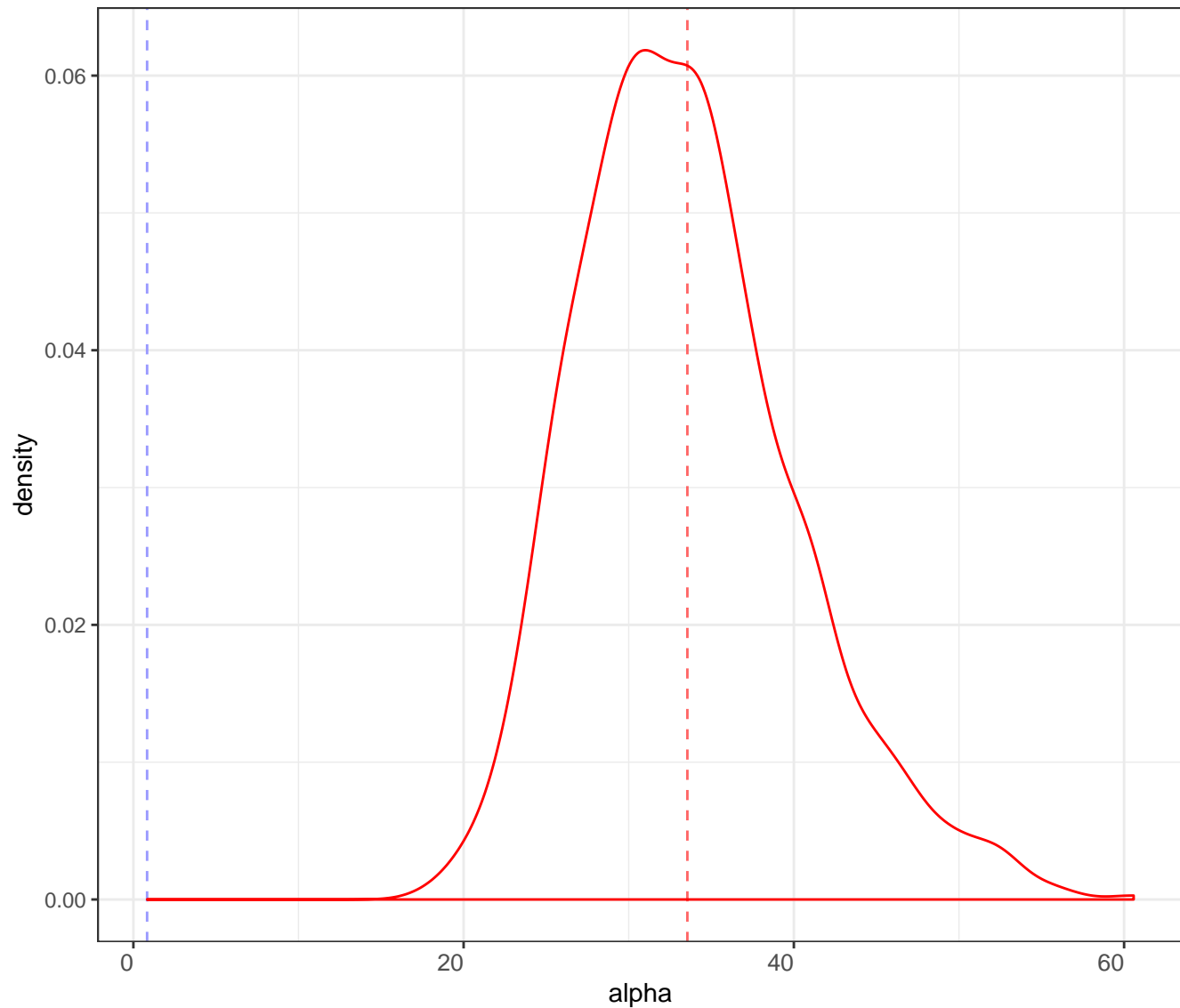Distribution alpha: S=50 ,r=20 true gr K=4 ,type=1 ,N=150

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

Posterior distribution for alpha
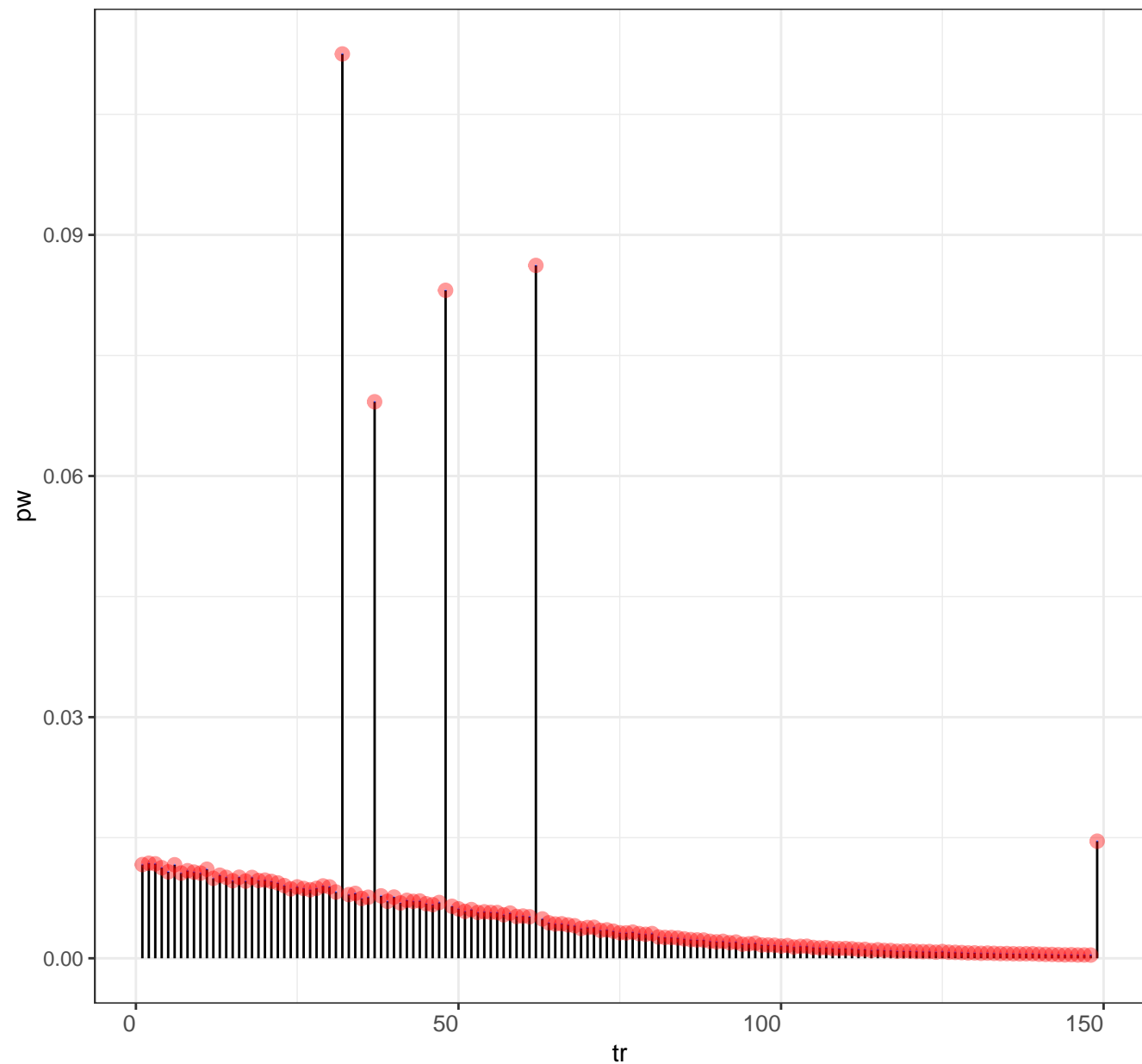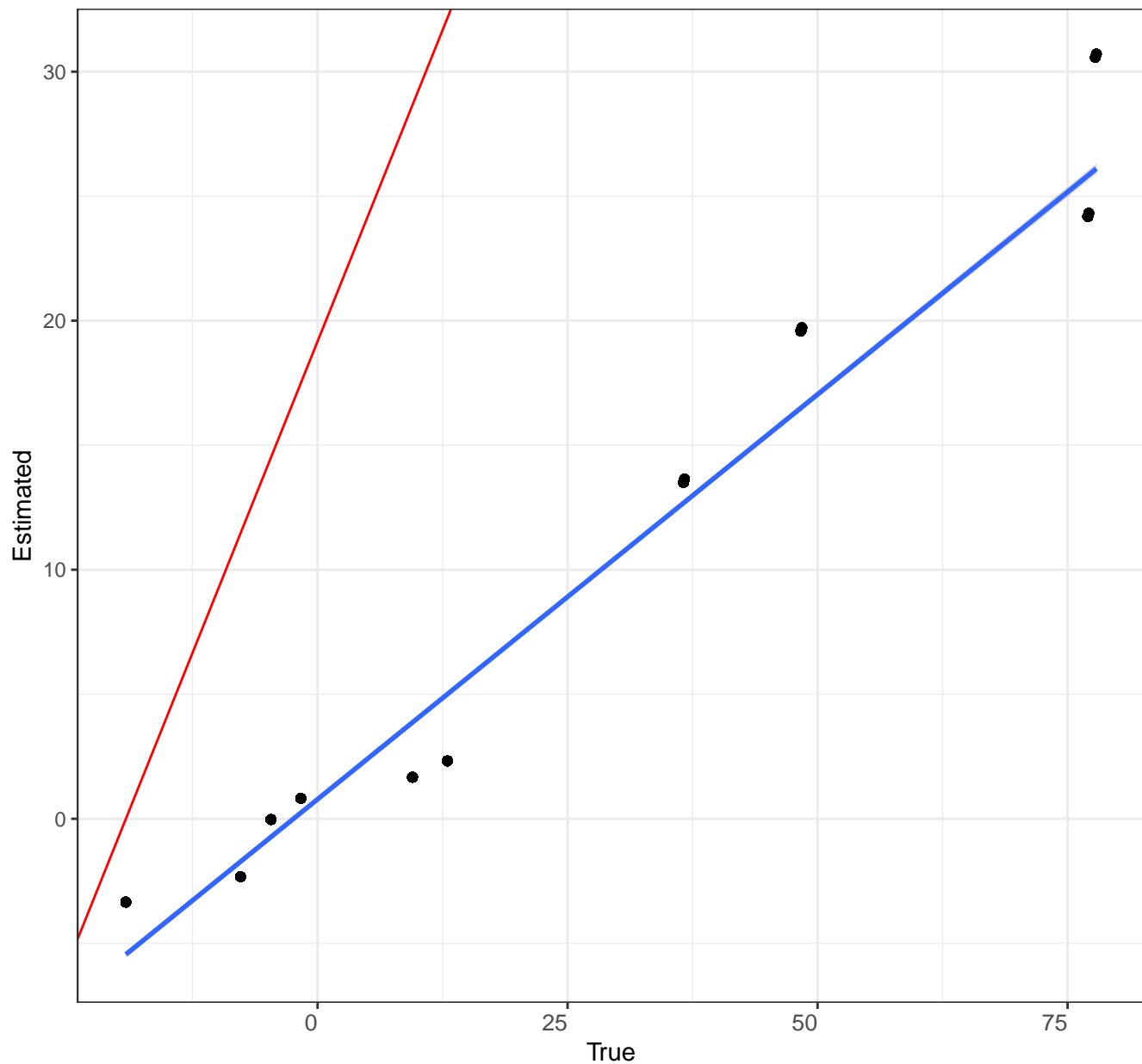
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=20 true gr K=4 ,type=1 ,N=150

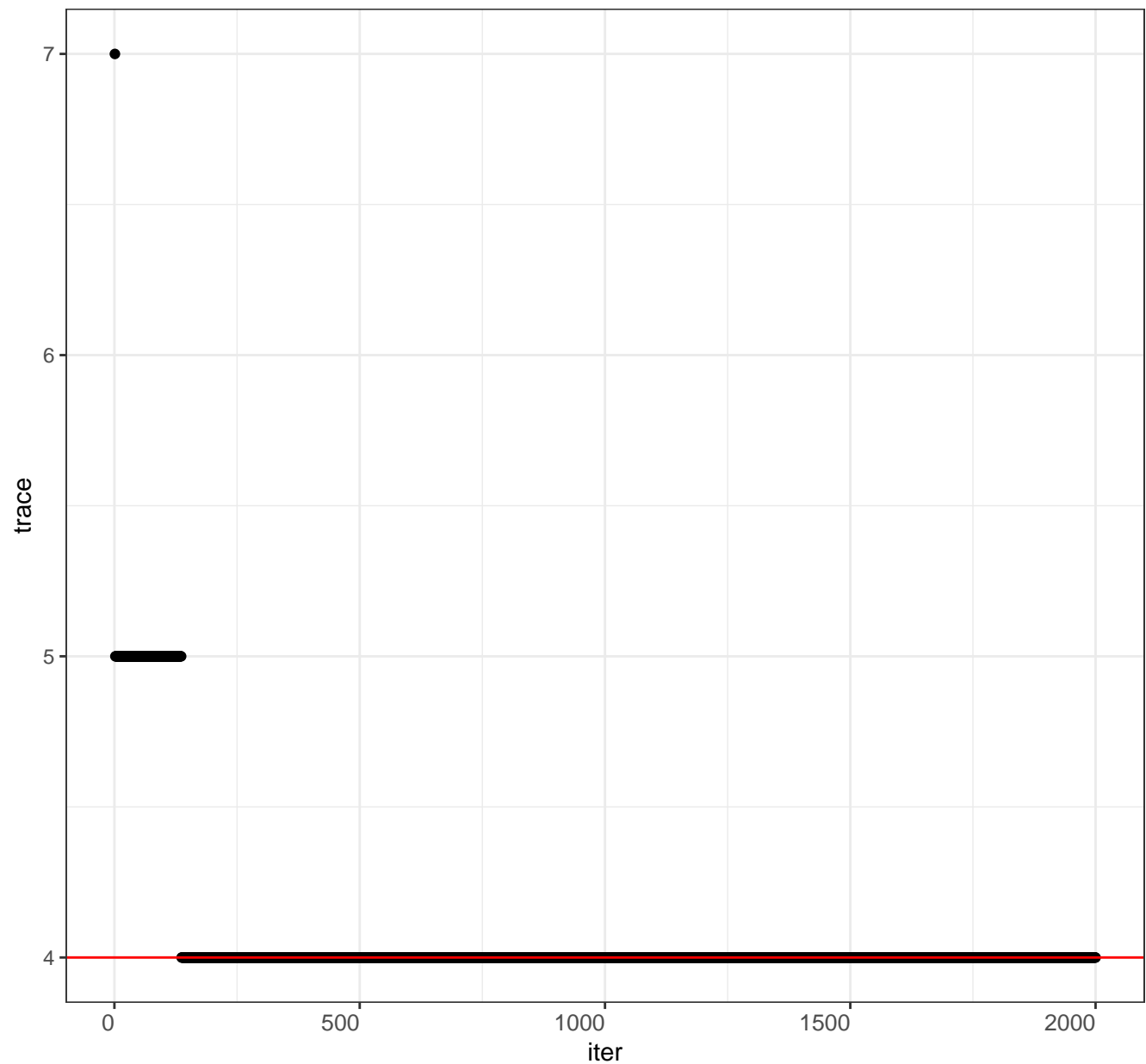Weights for the case: S=50 ,r=20 true gr K=4 ,type=1 ,N=150 pN=0.015

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

True vs estimated covariance parameters

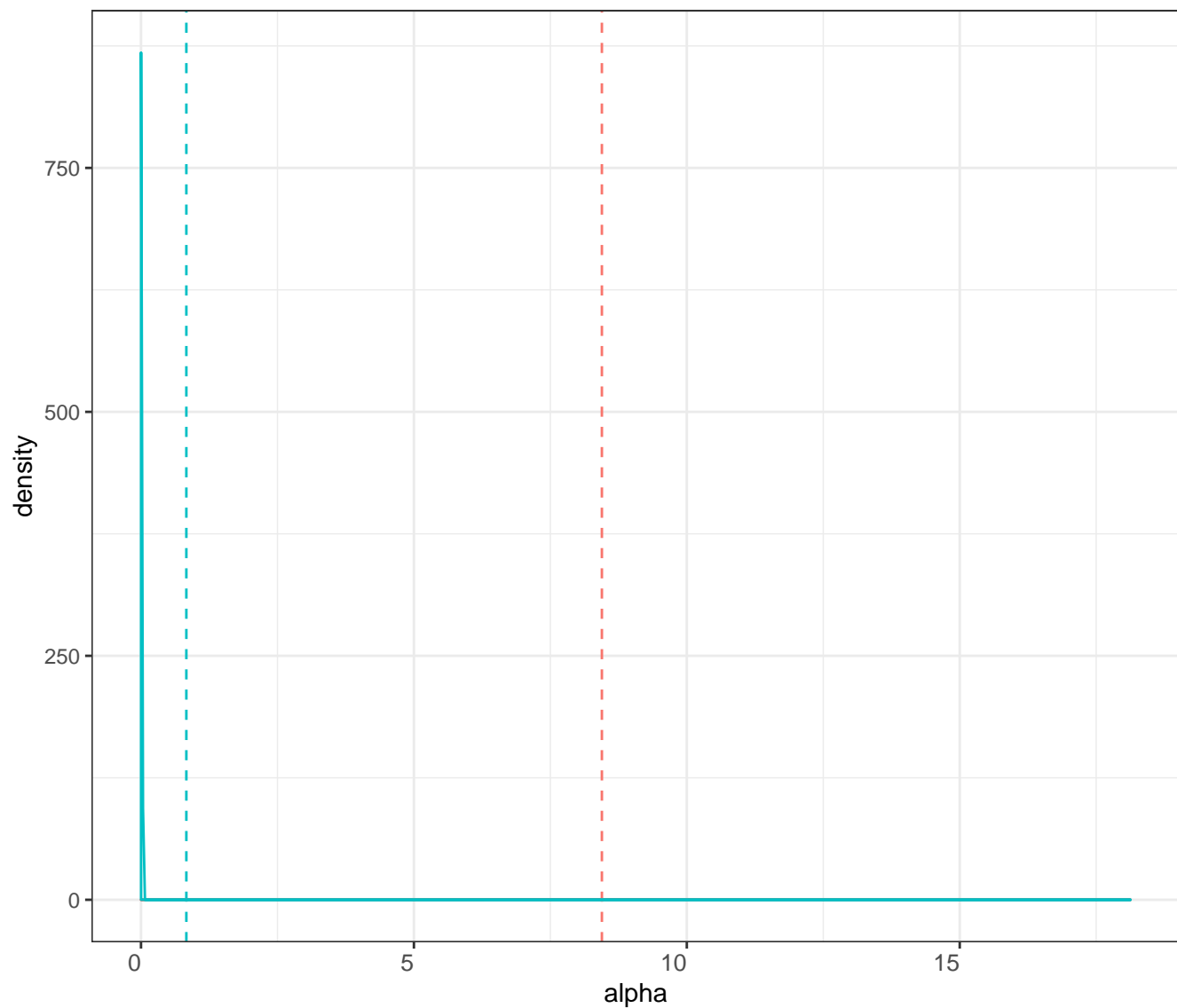Number of iterations: 2000 burnin: 1000number of samples: 500S=50 r=20 true K=4 type=1

Trace plot for the number of groups K for S=50 r=20 true K=4 type=1

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

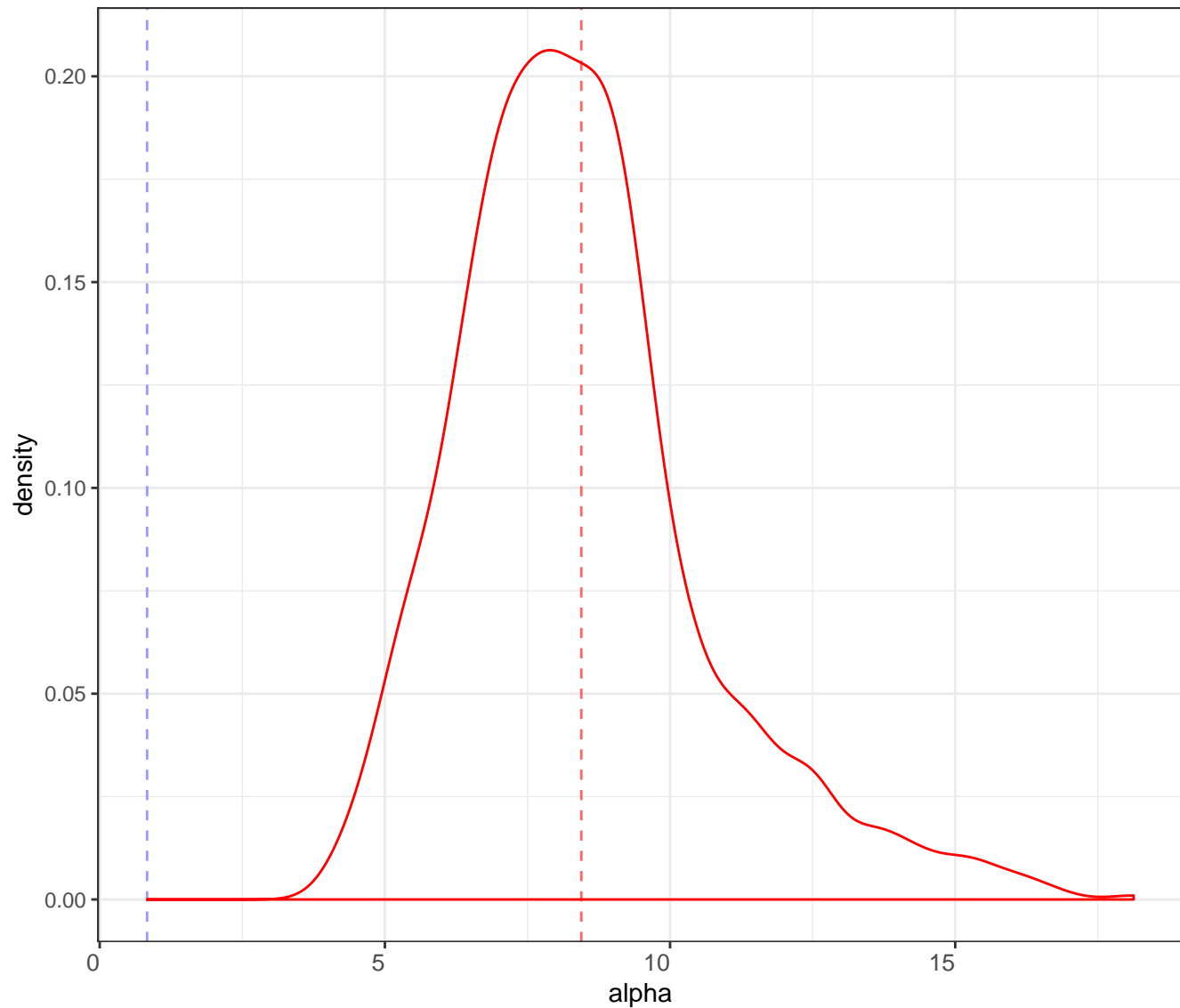Distribution alpha: S=50 ,r=20 true gr K=4 ,type=1 ,N=150

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

Posterior distribution for alpha
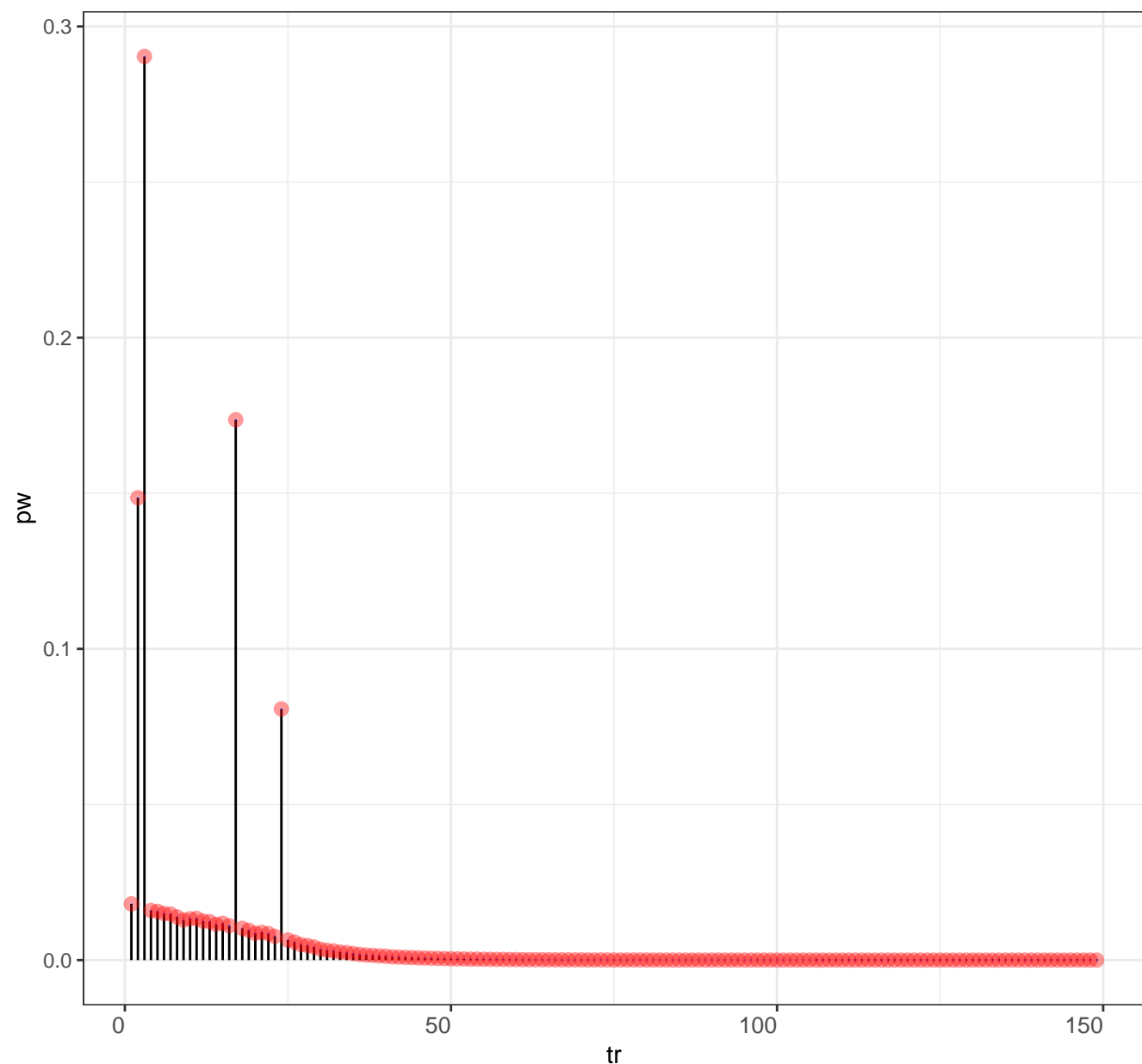
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=20 true gr K=4 ,type=1 ,N=150
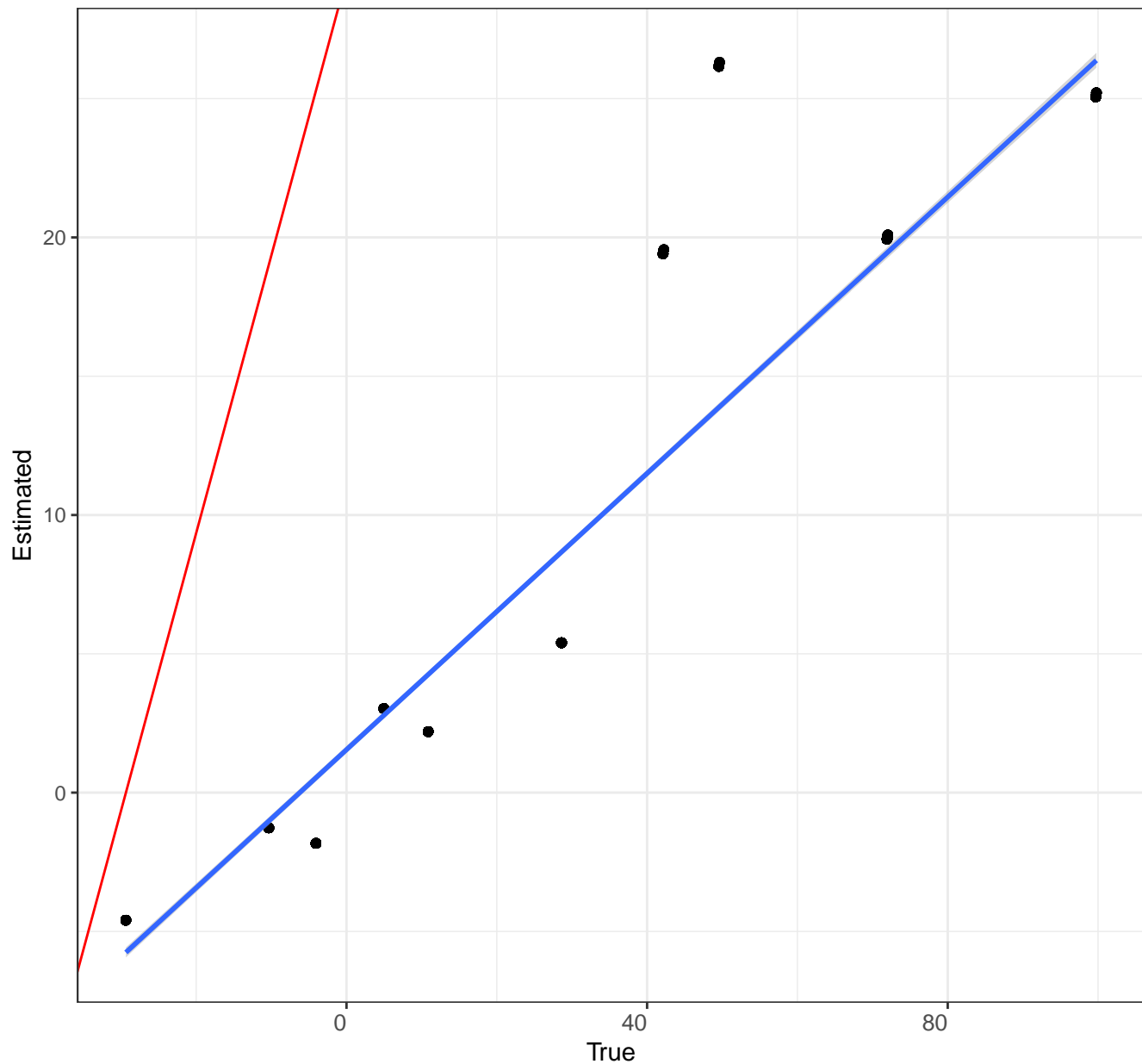
Weights for the case: S=50 ,r=20 true gr K=4 ,type=1 ,N=150 pN=0
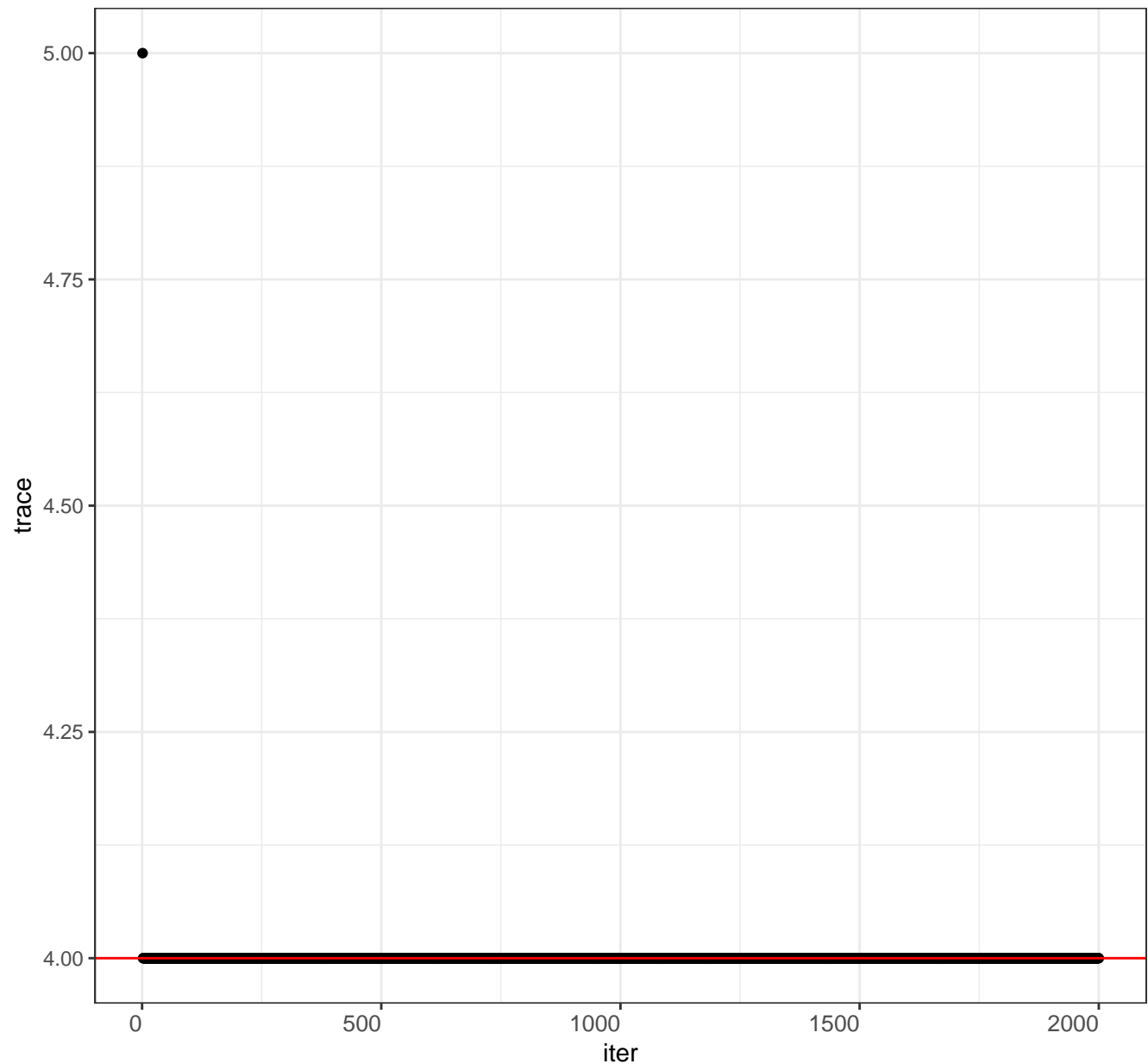
Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters

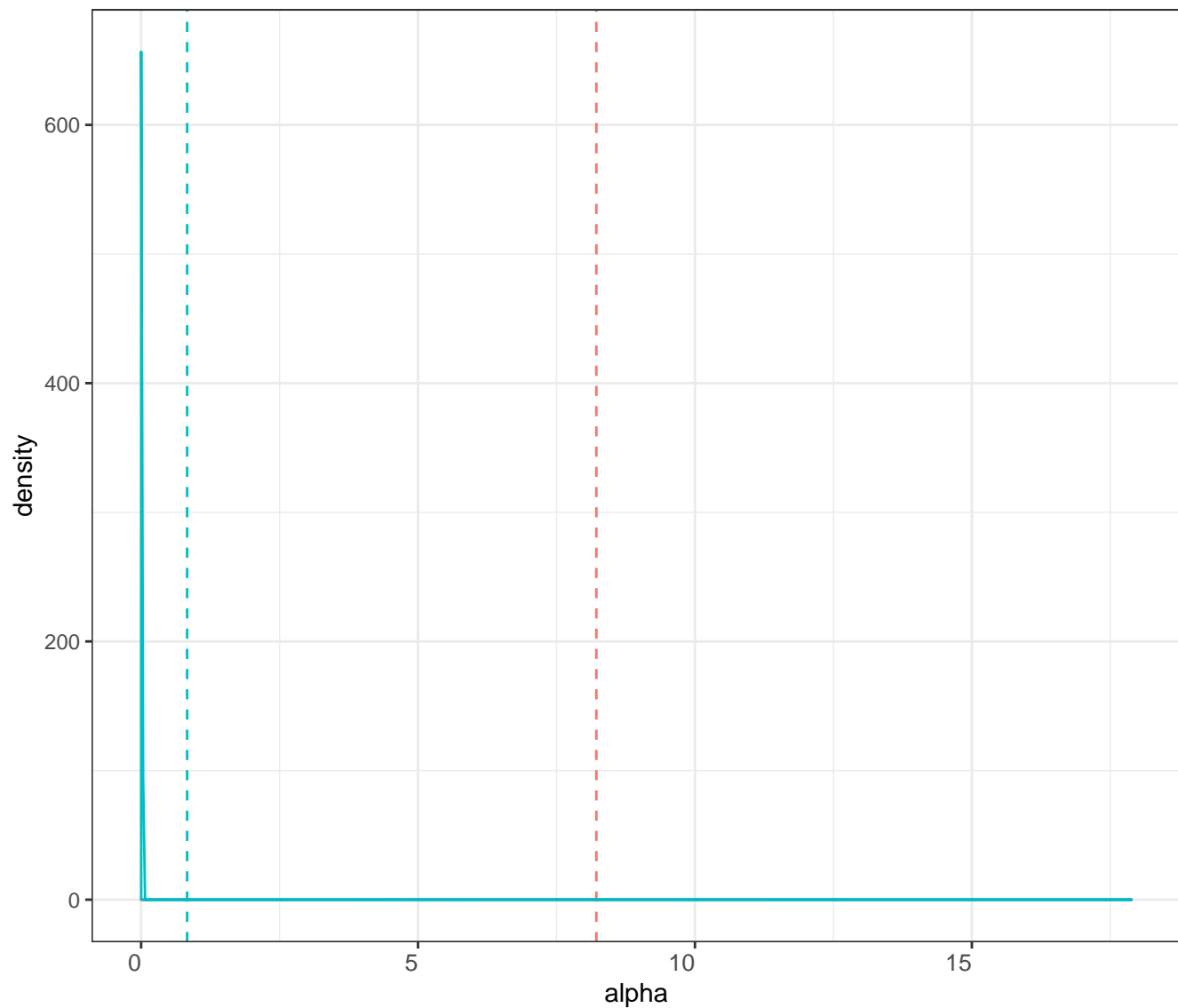Number of iterations: 2000 burnin: 1000number of samples: 500S=50 r=20 true K=4 type=1

Trace plot for the number of groups K for S=50 r=20 true K=4 type=1

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

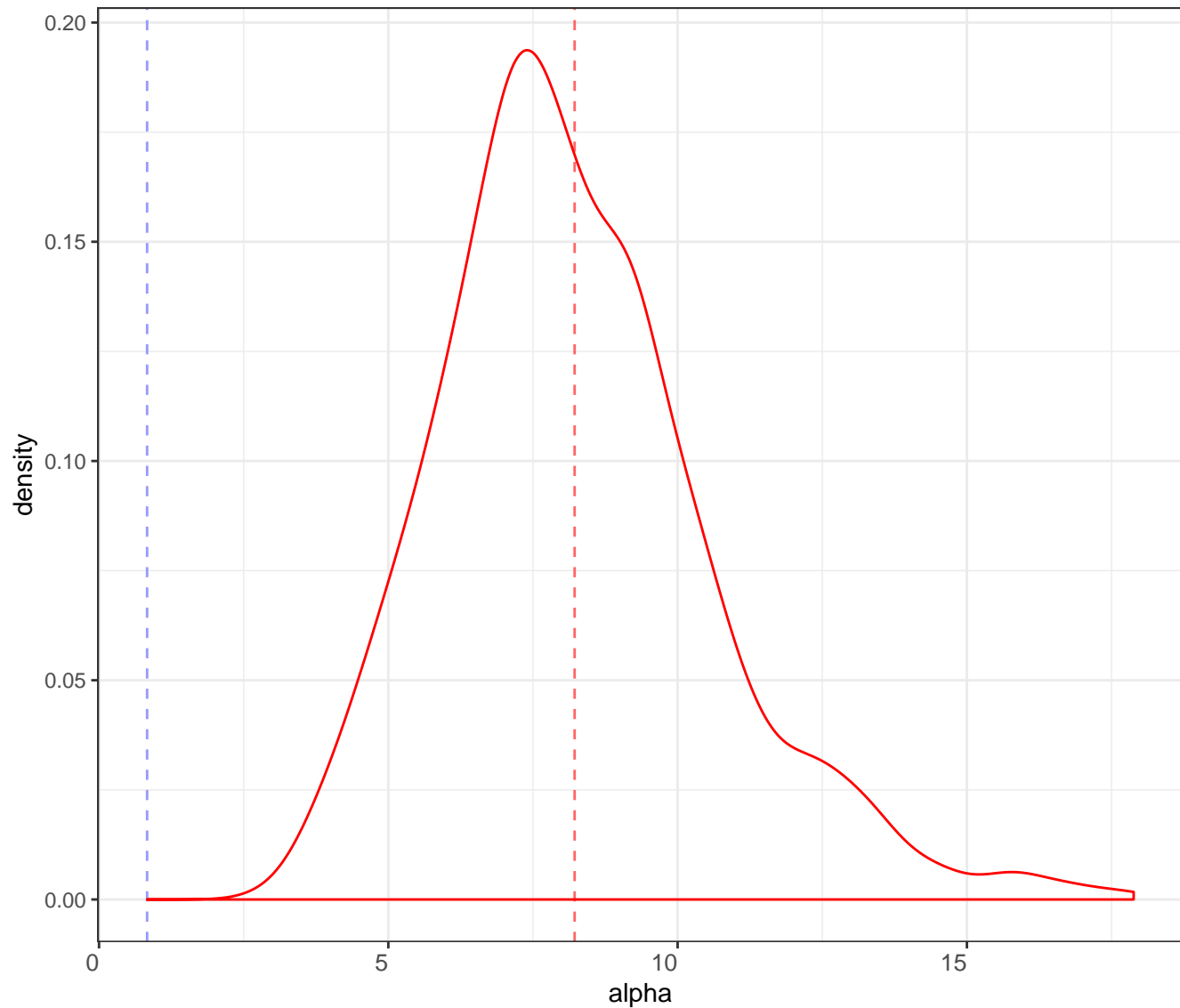Distribution alpha: S=50 ,r=20 true gr K=4 ,type=1 ,N=150

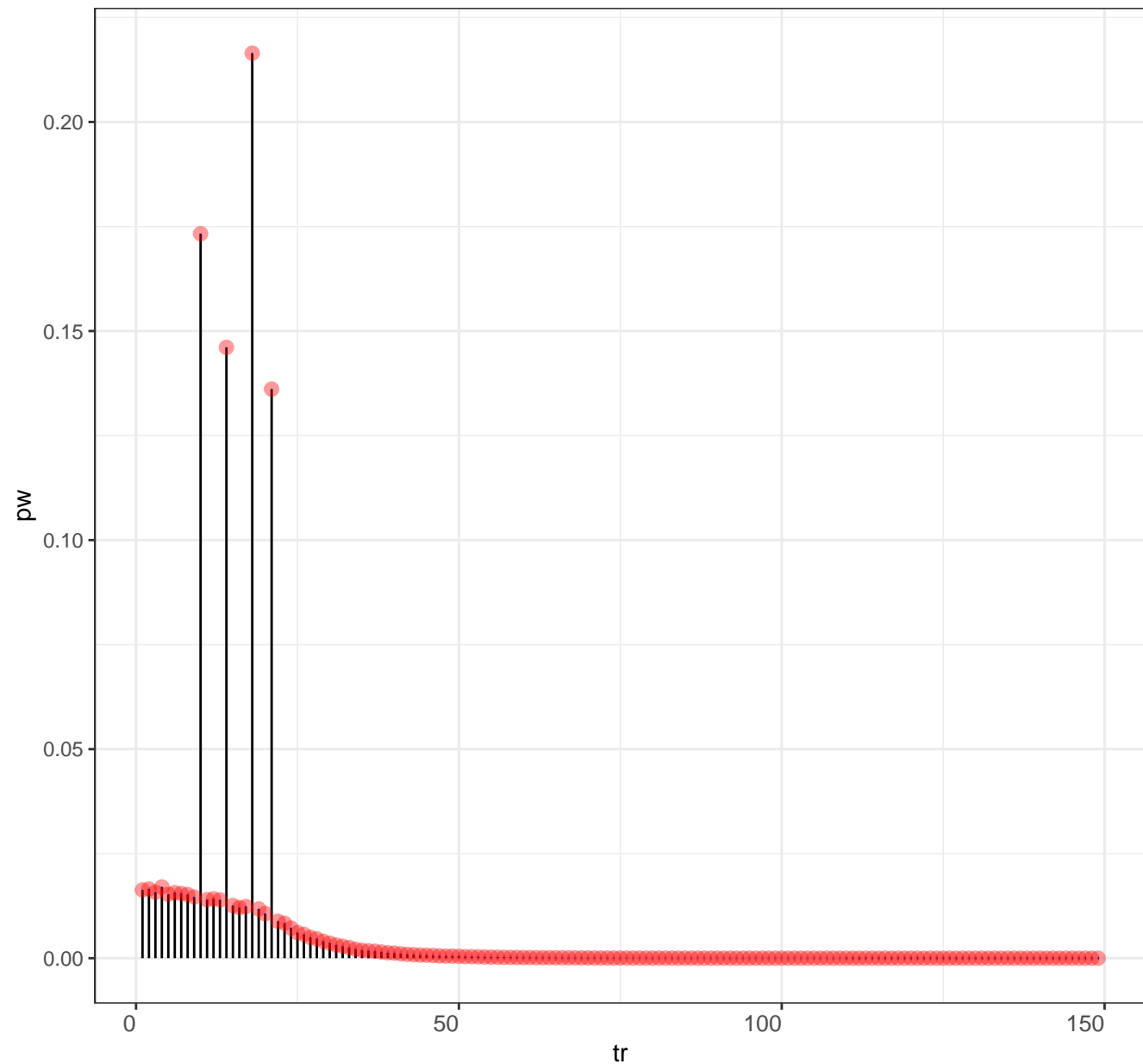Number of iterations: 2000 burnin: 1000 number of samples: 500

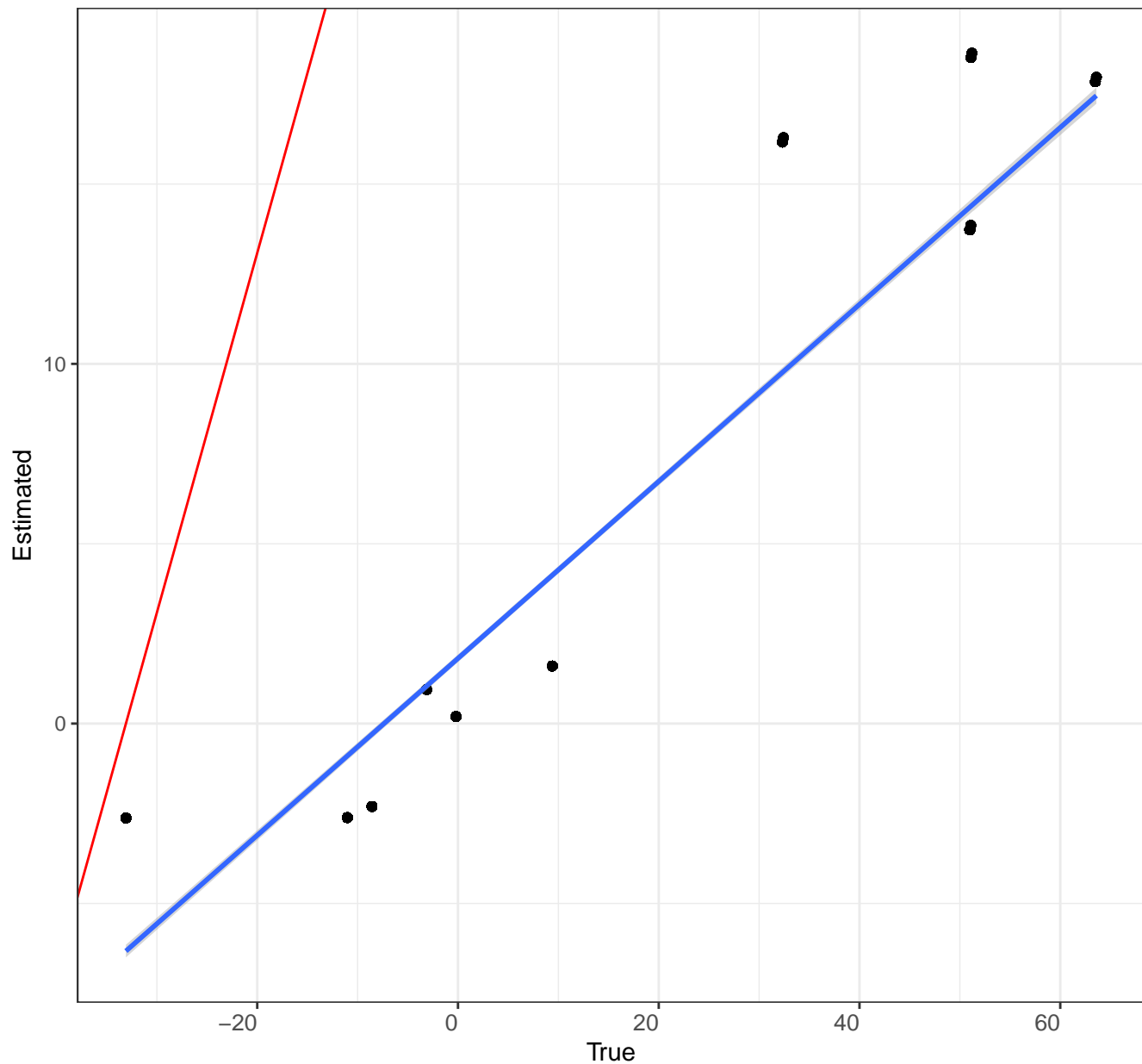Posterior distribution for alpha

Legend | posterior mean | prior mean

Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=20 true gr K=4 ,type=1 ,N=150

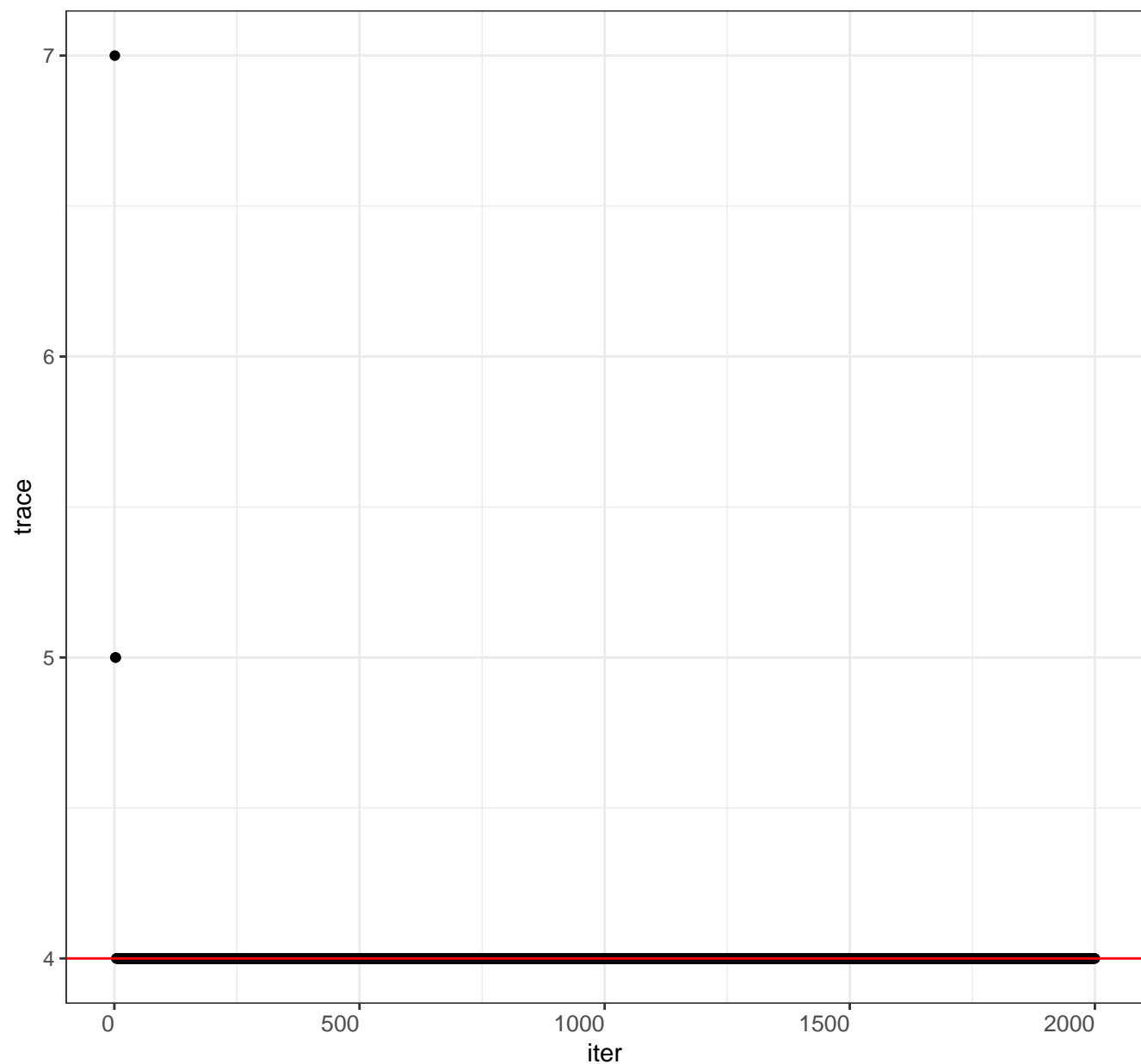Weights for the case: S=50 ,r=20 true gr K=4 ,type=1 ,N=150 pN=0

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

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=50 r=20 true K=4 type=1

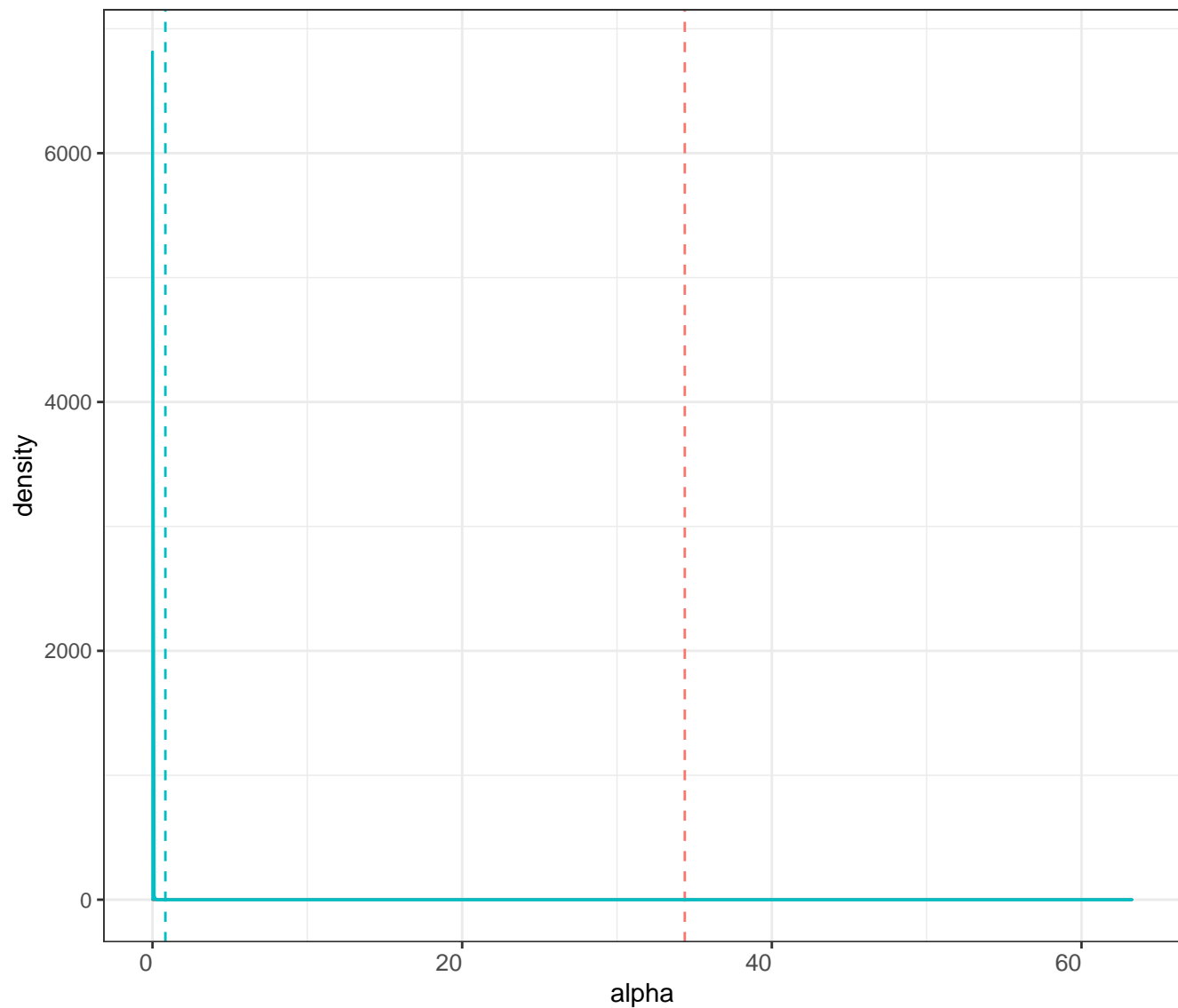Trace plot for the number of groups K for S=50 r=20 true K=4 type=1

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

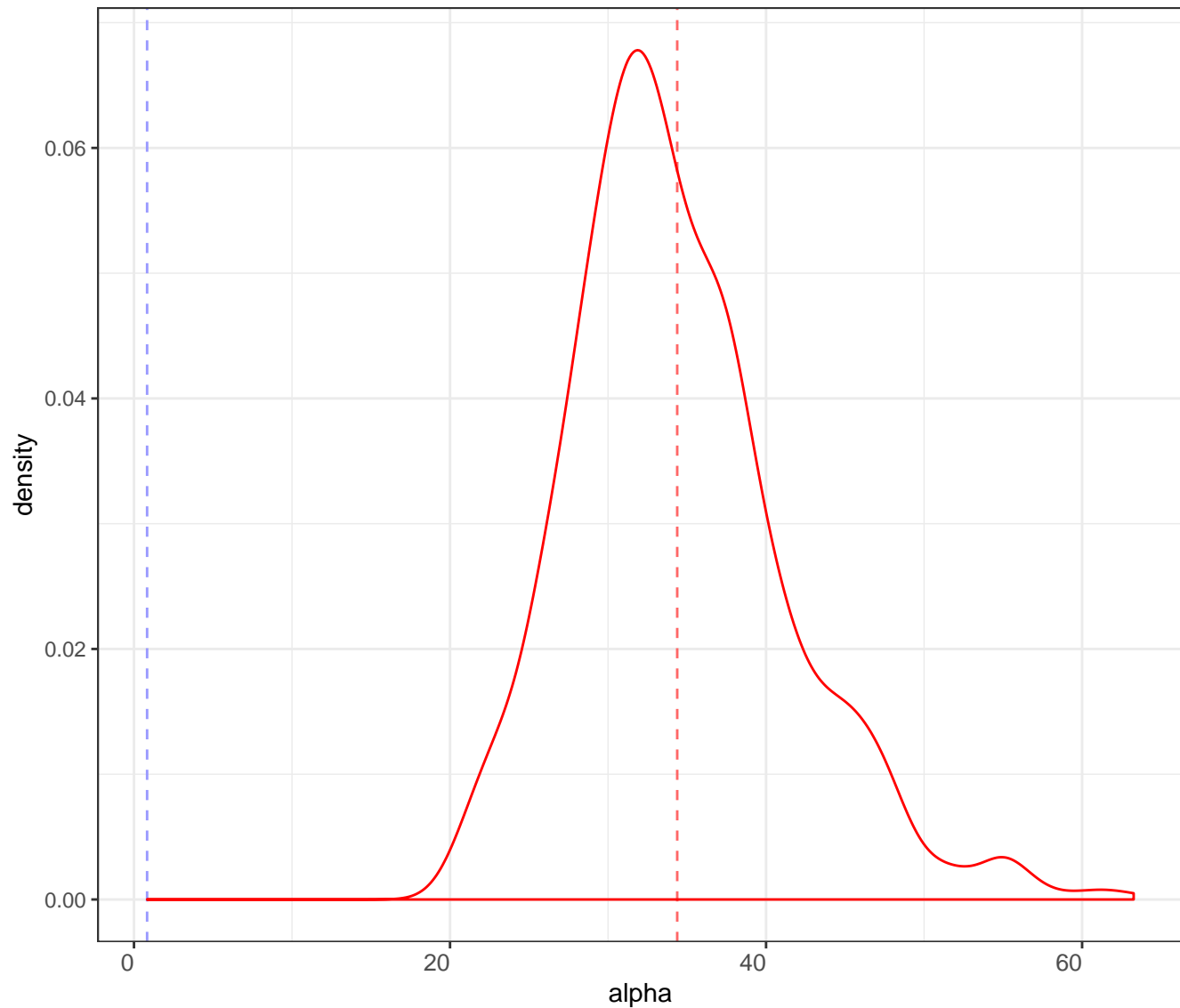Distribution alpha: S=50 ,r=20 true gr K=4 ,type=1 ,N=150

type | posterior | prior

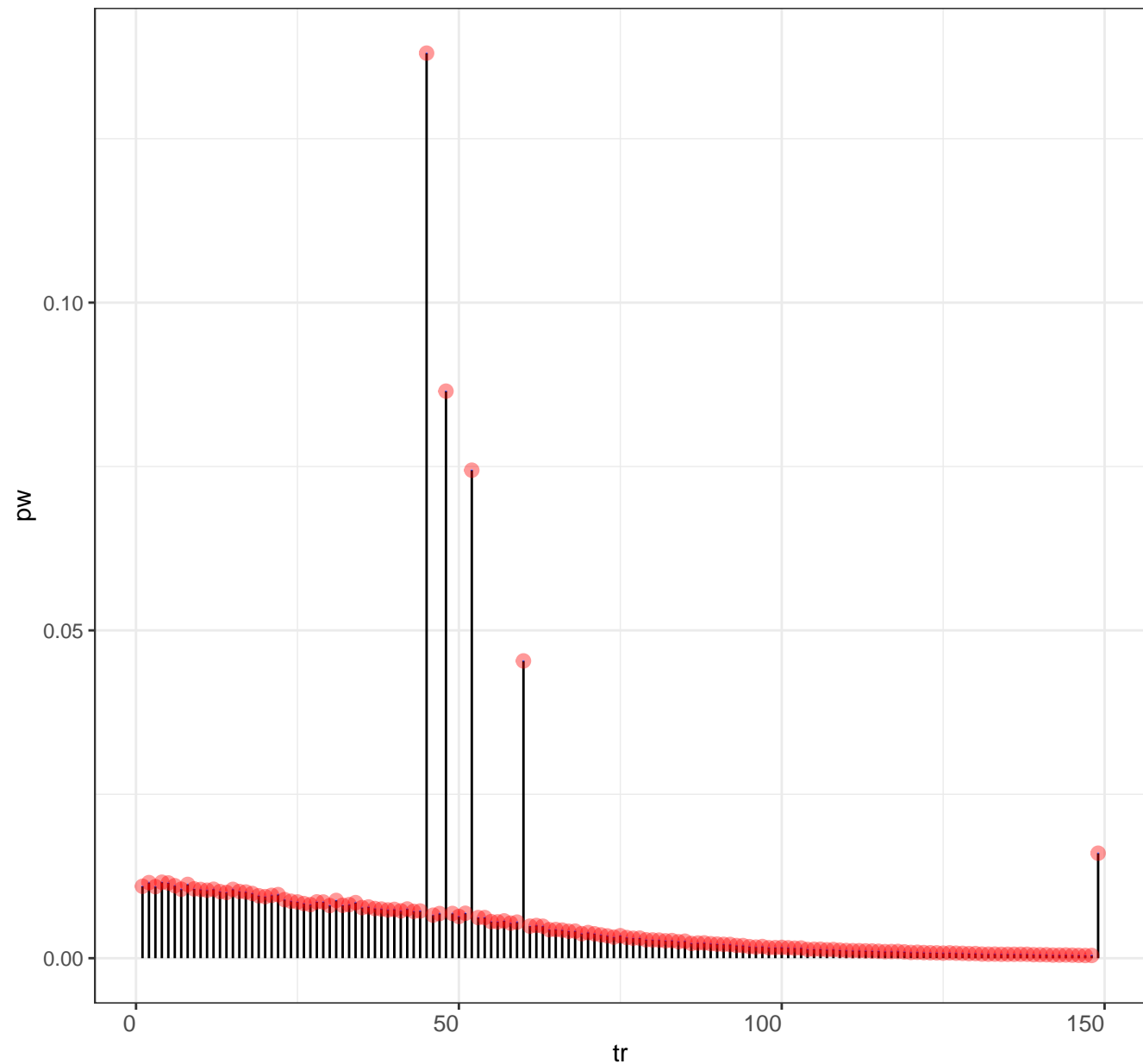Number of iterations: 2000 burnin: 1000 number of samples: 500
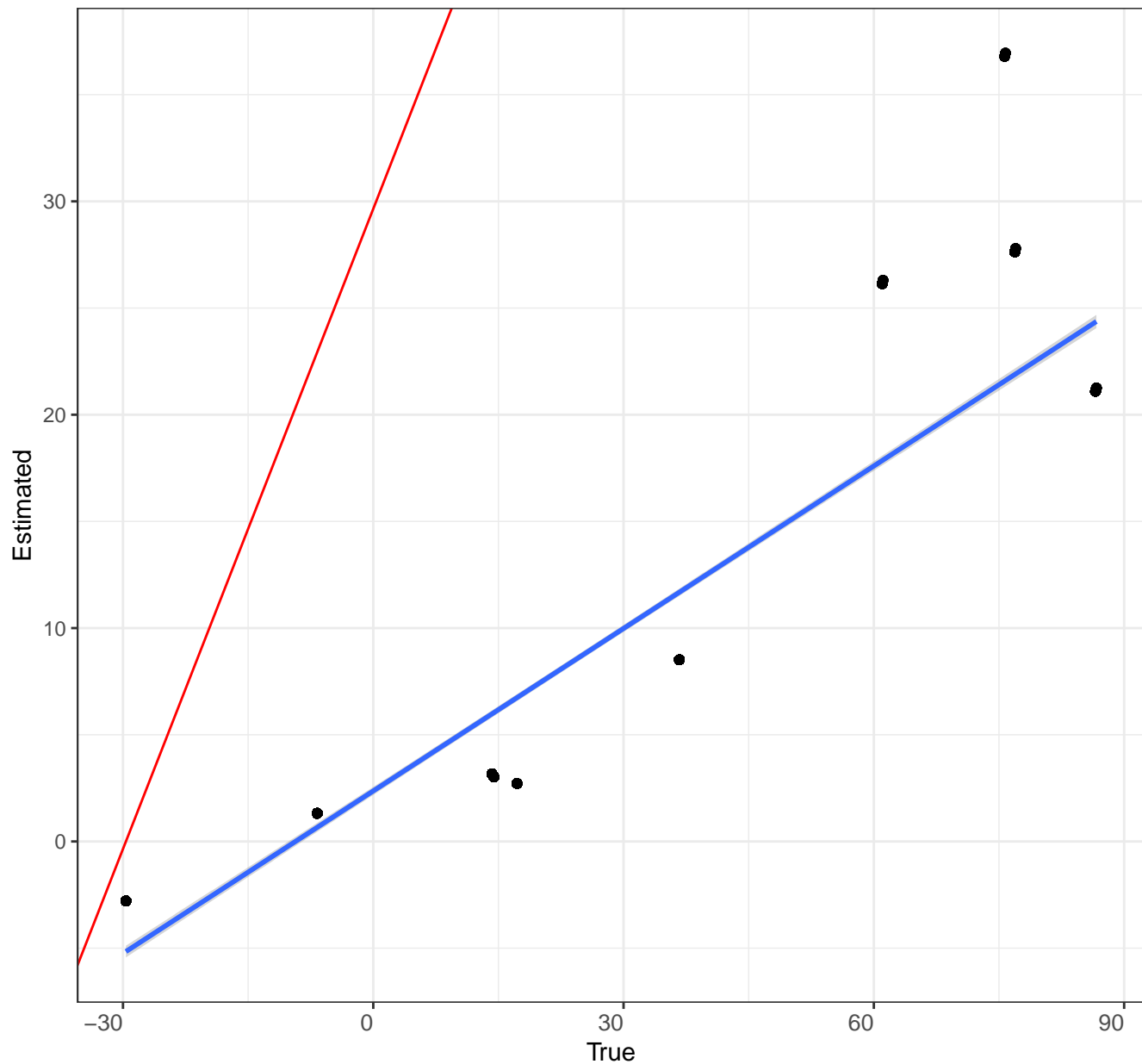
Posterior distribution for alpha

Number of iterations: 2000 burnin: 1000 number of samples: 500 S=50 ,r=20 true gr K=4 ,type=1 ,N=150

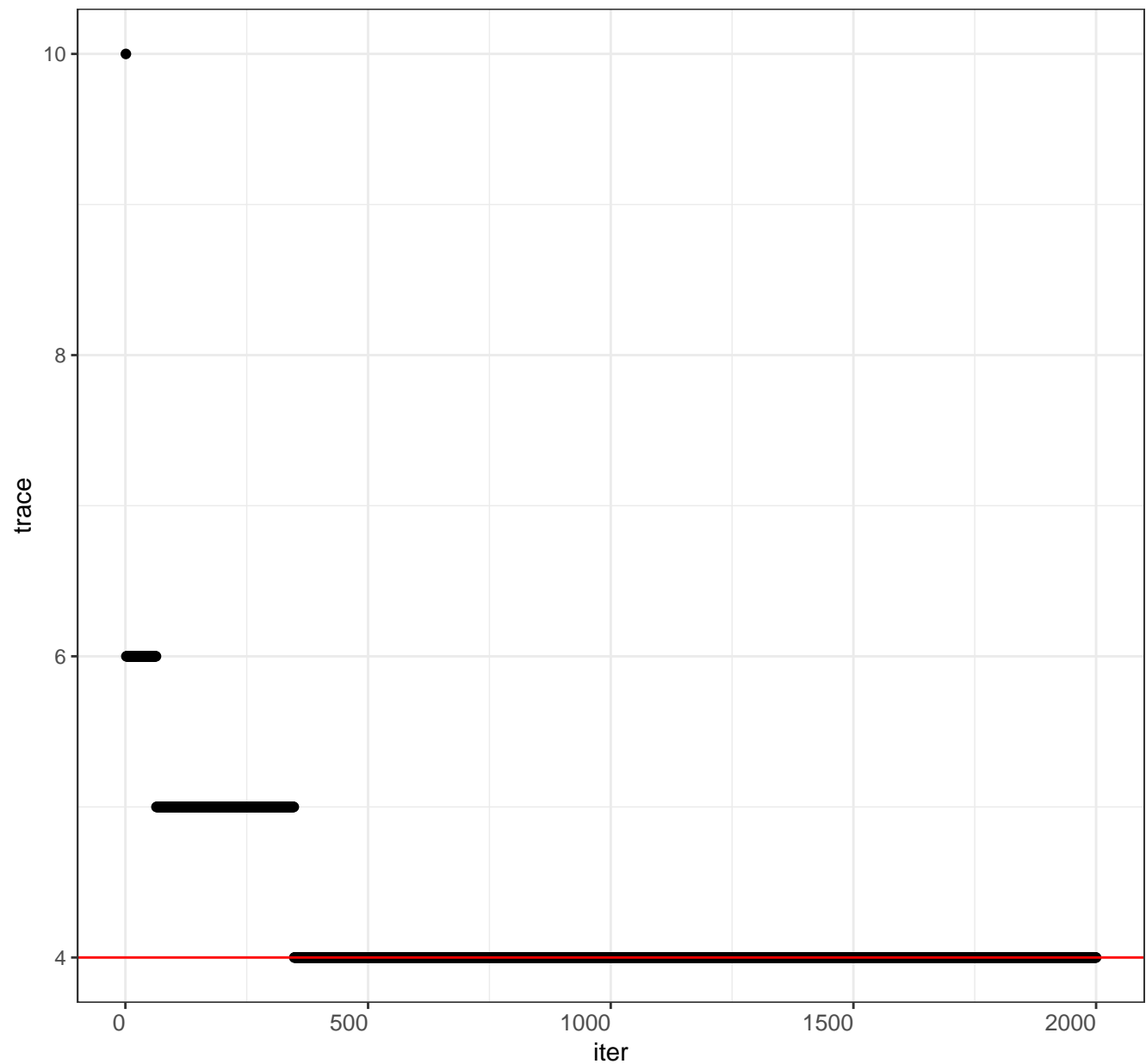Weights for the case: S=50 ,r=20 true gr K=4 ,type=1 ,N=150 pN=0.016

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

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=50 r=20 true K=4 type=1
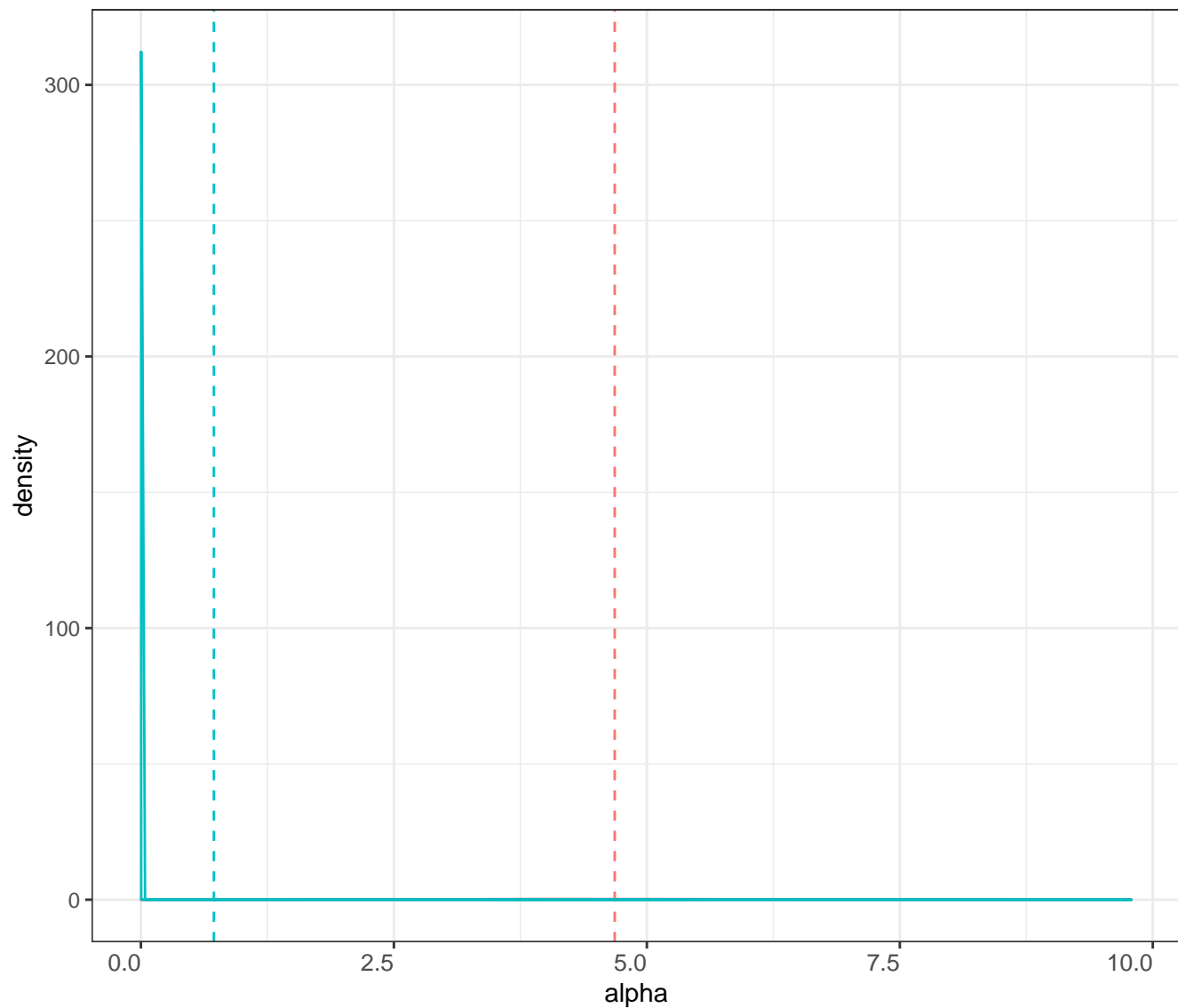
Trace plot for the number of groups K for S=80 r=5 true K=4 type=1

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

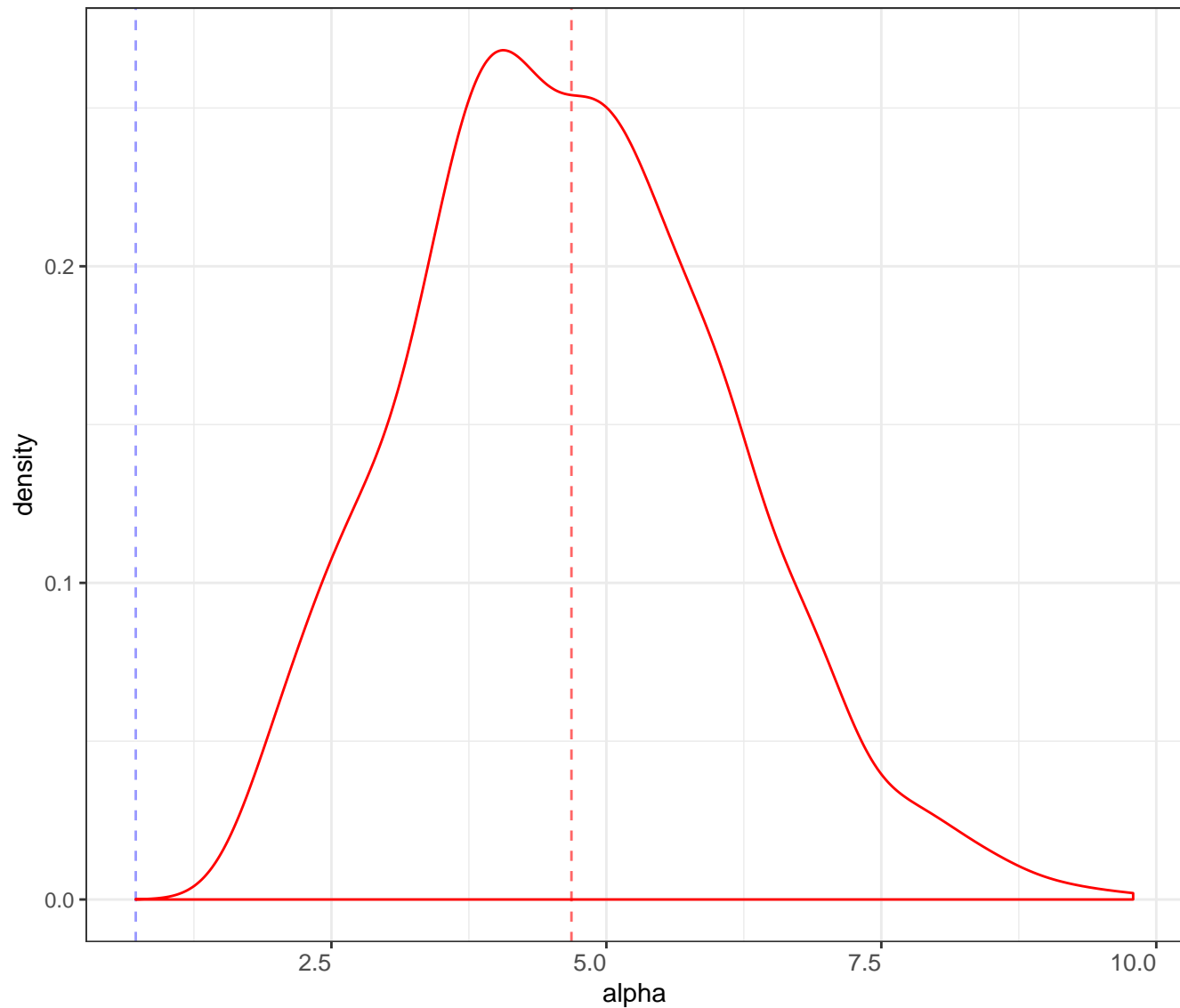Distribution alpha: S=80 ,r=5 true gr K=4 ,type=1 ,N=150

type [posterior] prior

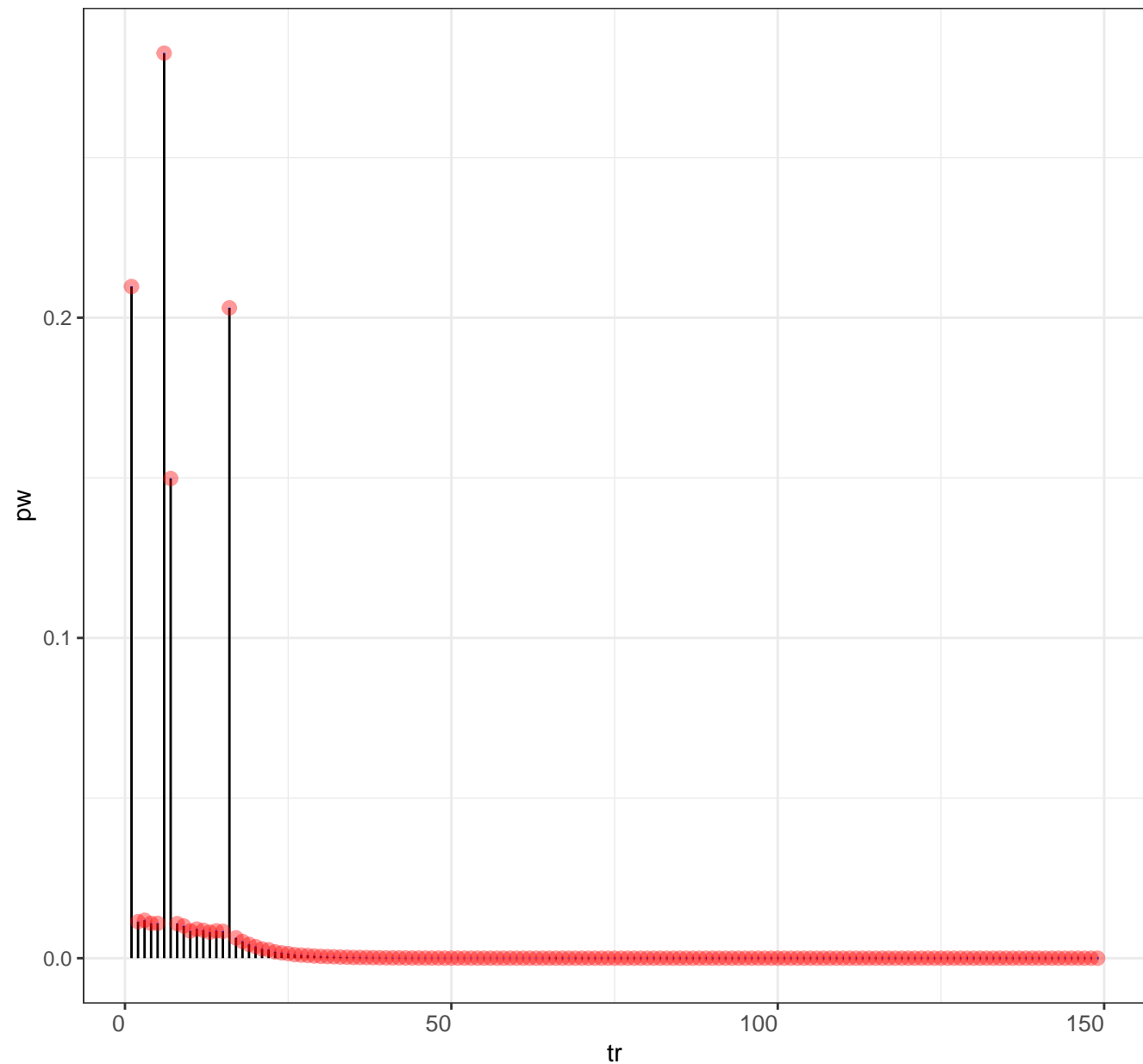Number of iterations: 2000 burnin: 1000 number of samples: 500

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=1 ,N=150
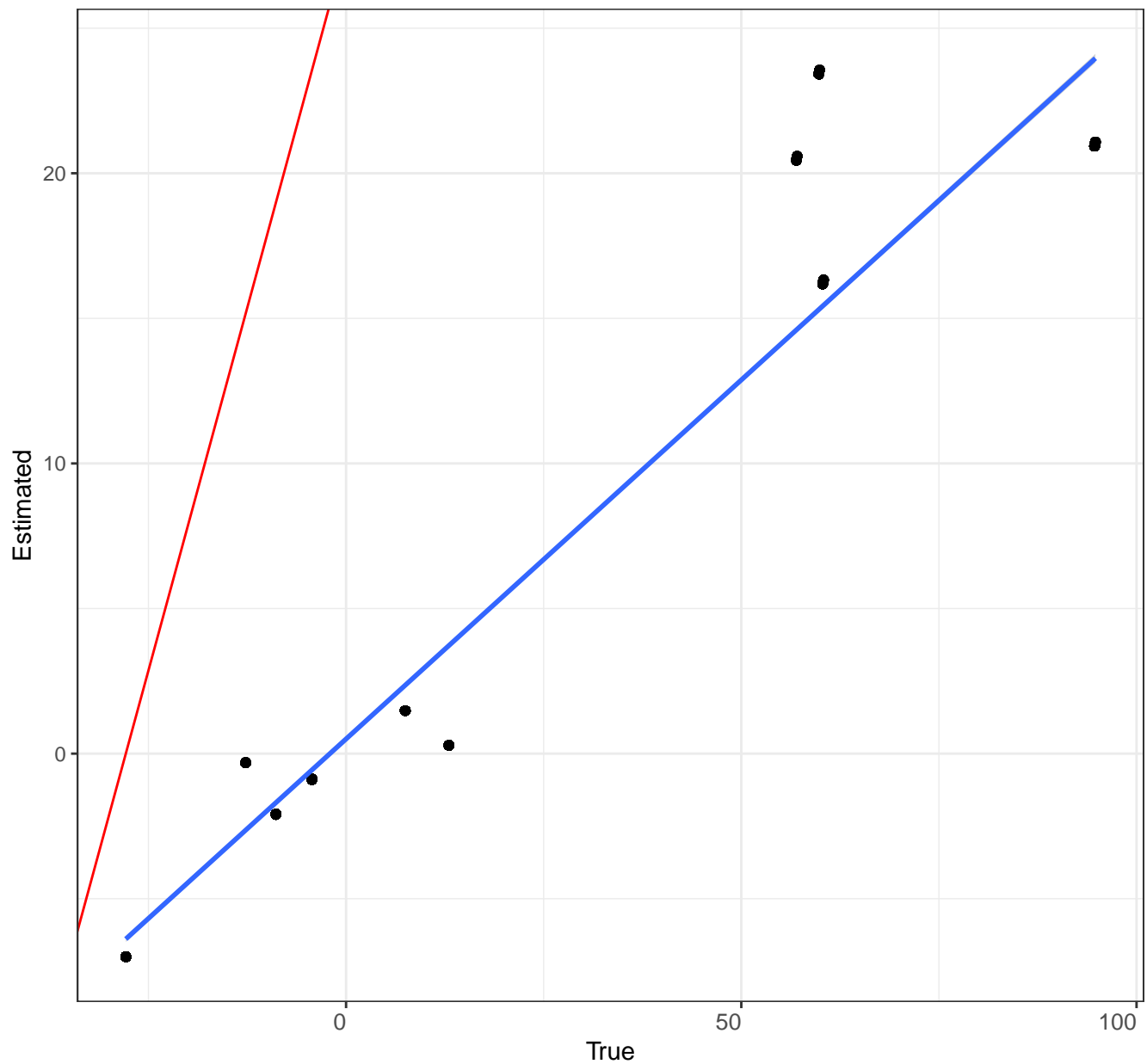
Weights for the case: S=80 ,r=5 true gr K=4 ,type=1 ,N=150 pN=0

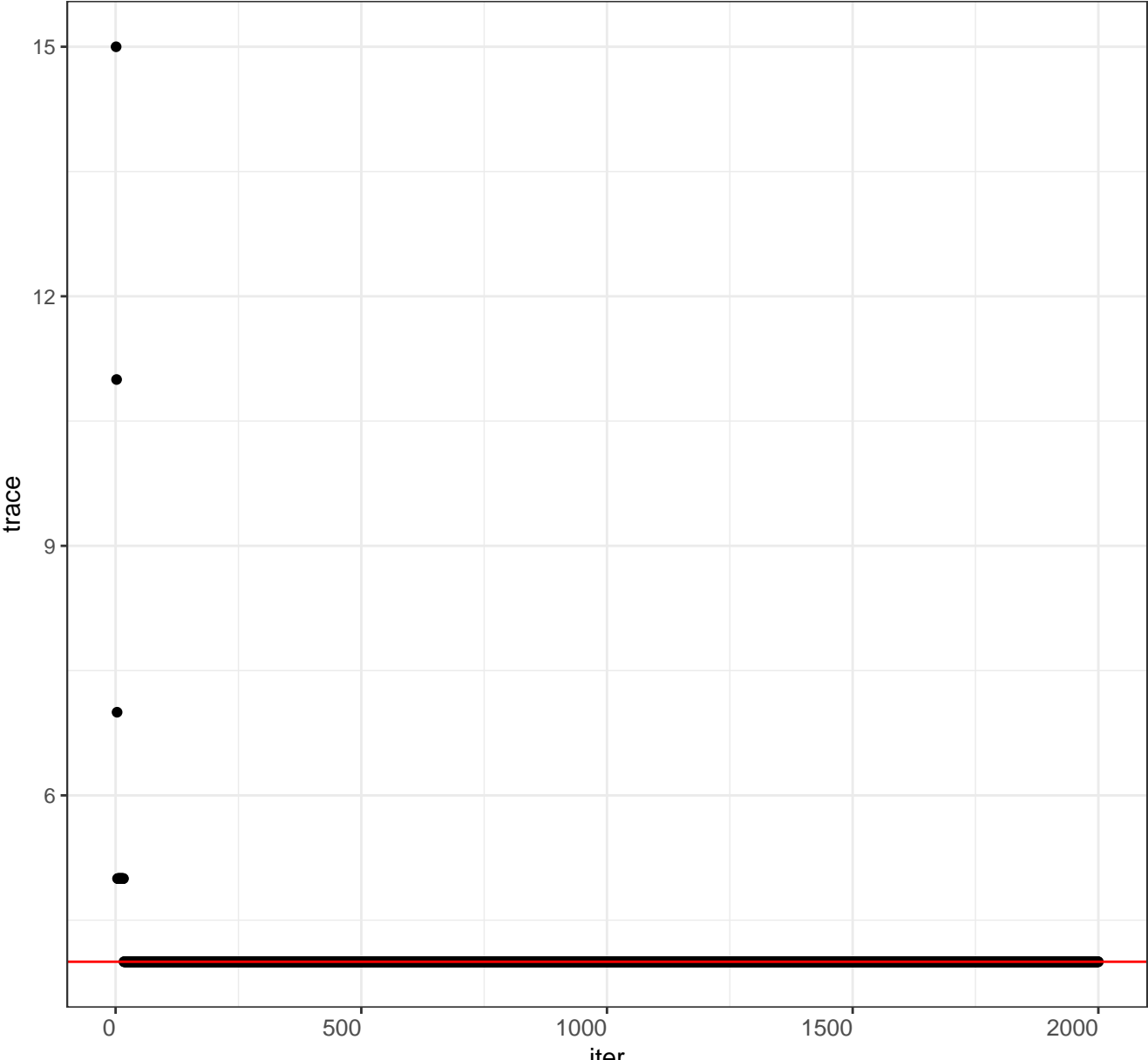Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=80 r=5 true K=4 type=1
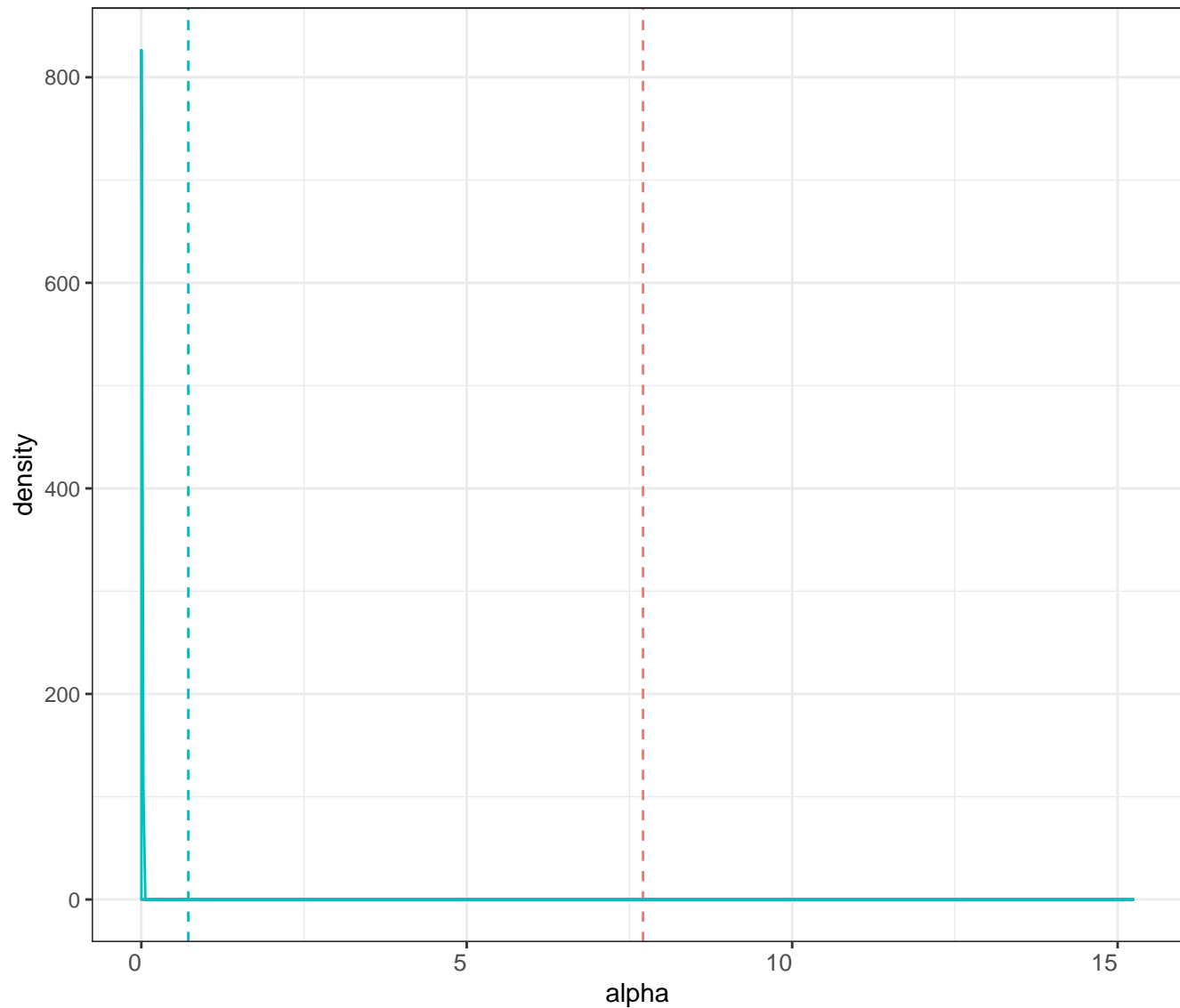
Trace plot for the number of groups K for S=80 r=5 true K=4 type=1

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

Distribution alpha: S=80 ,r=5 true gr K=4 ,type=1 ,N=150

type ⊢ posterior ⊢ prior

Number of iterations: 2000 burnin: 1000 number of samples: 500
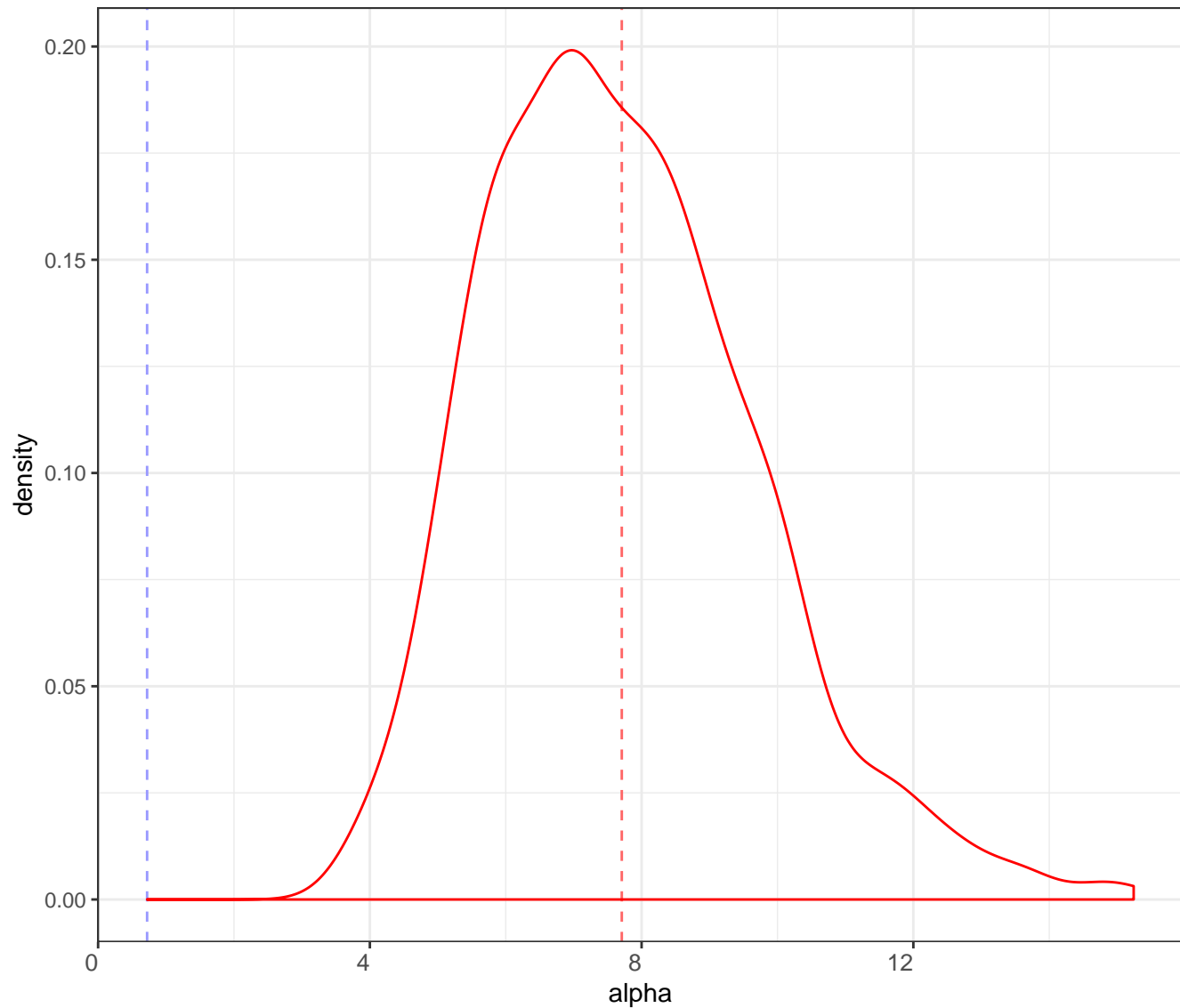
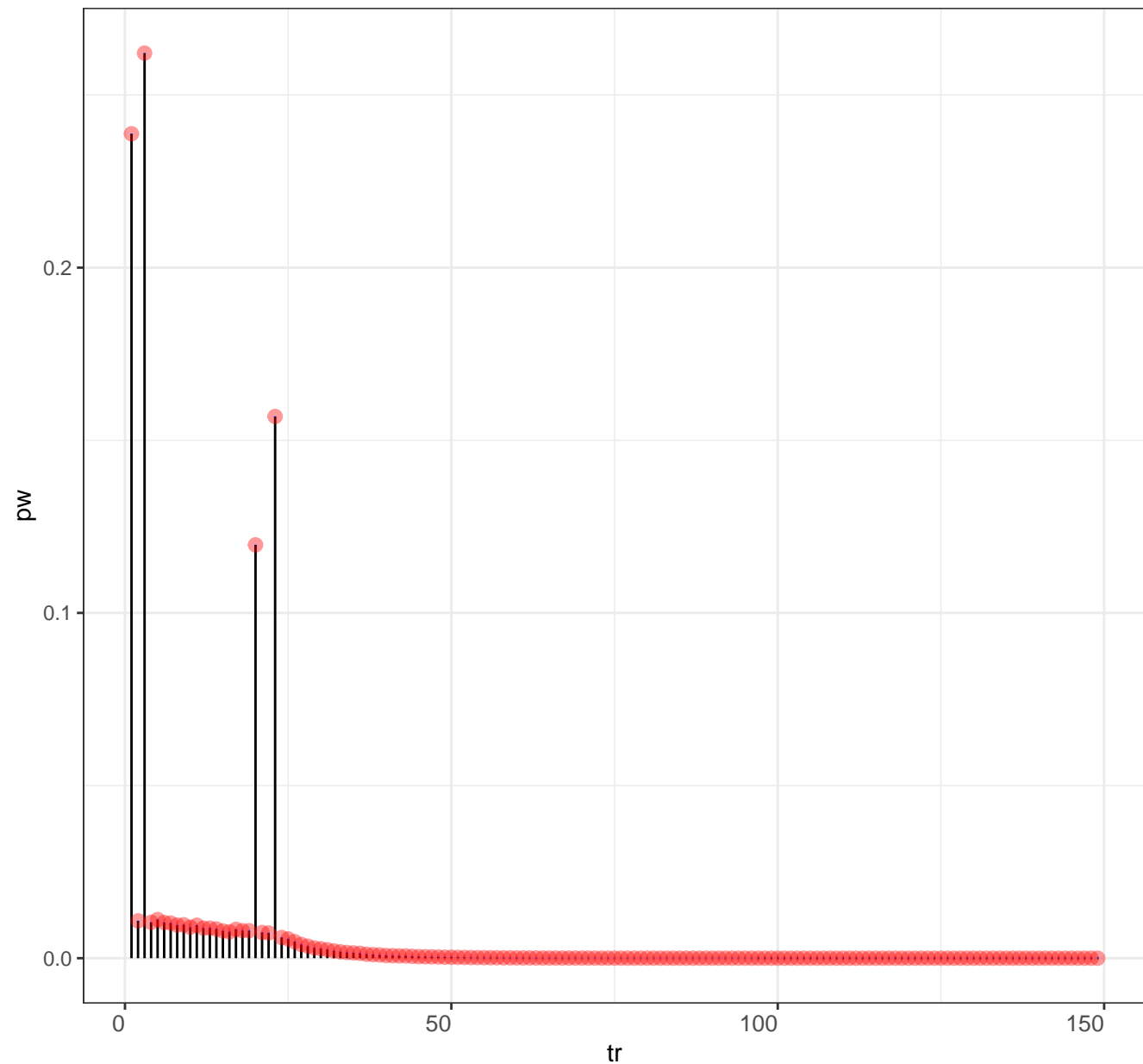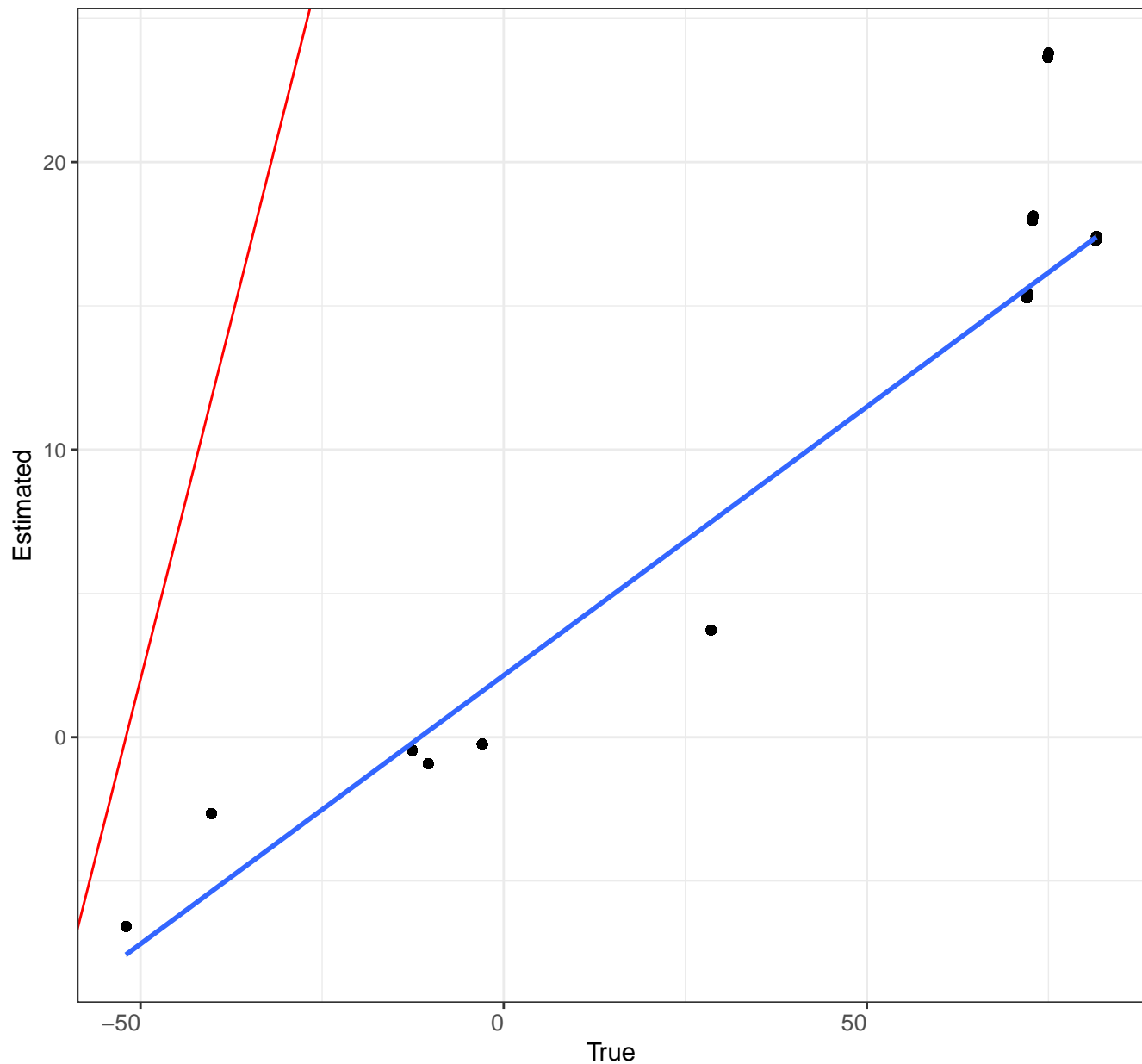Posterior distribution for alpha

Legend   posterior mean   prior mean

Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=5 true gr K=4 ,type=1 ,N=150

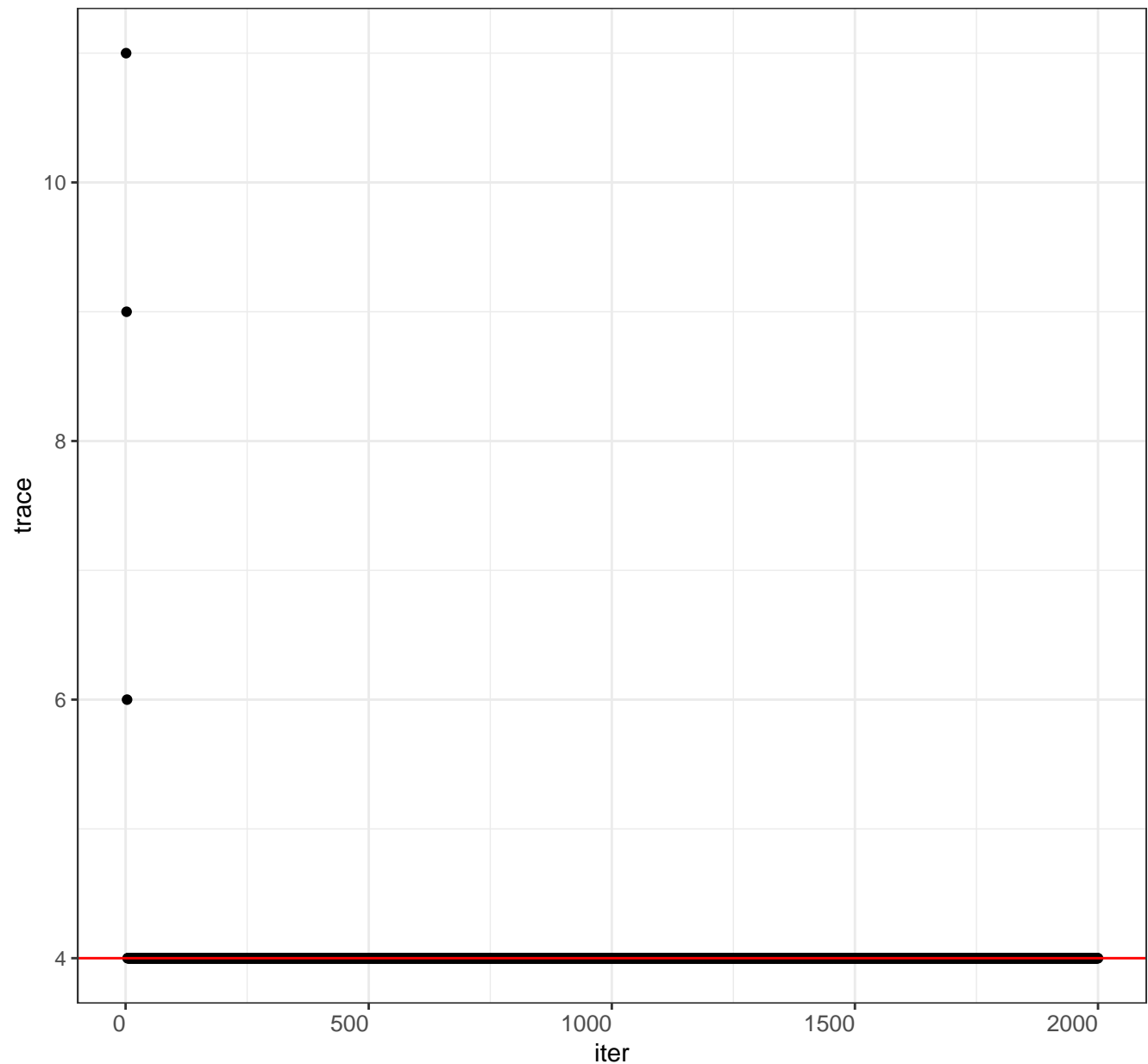Weights for the case: S=80 ,r=5 true gr K=4 ,type=1 ,N=150 pN=0

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

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=80 r=5 true K=4 type=1
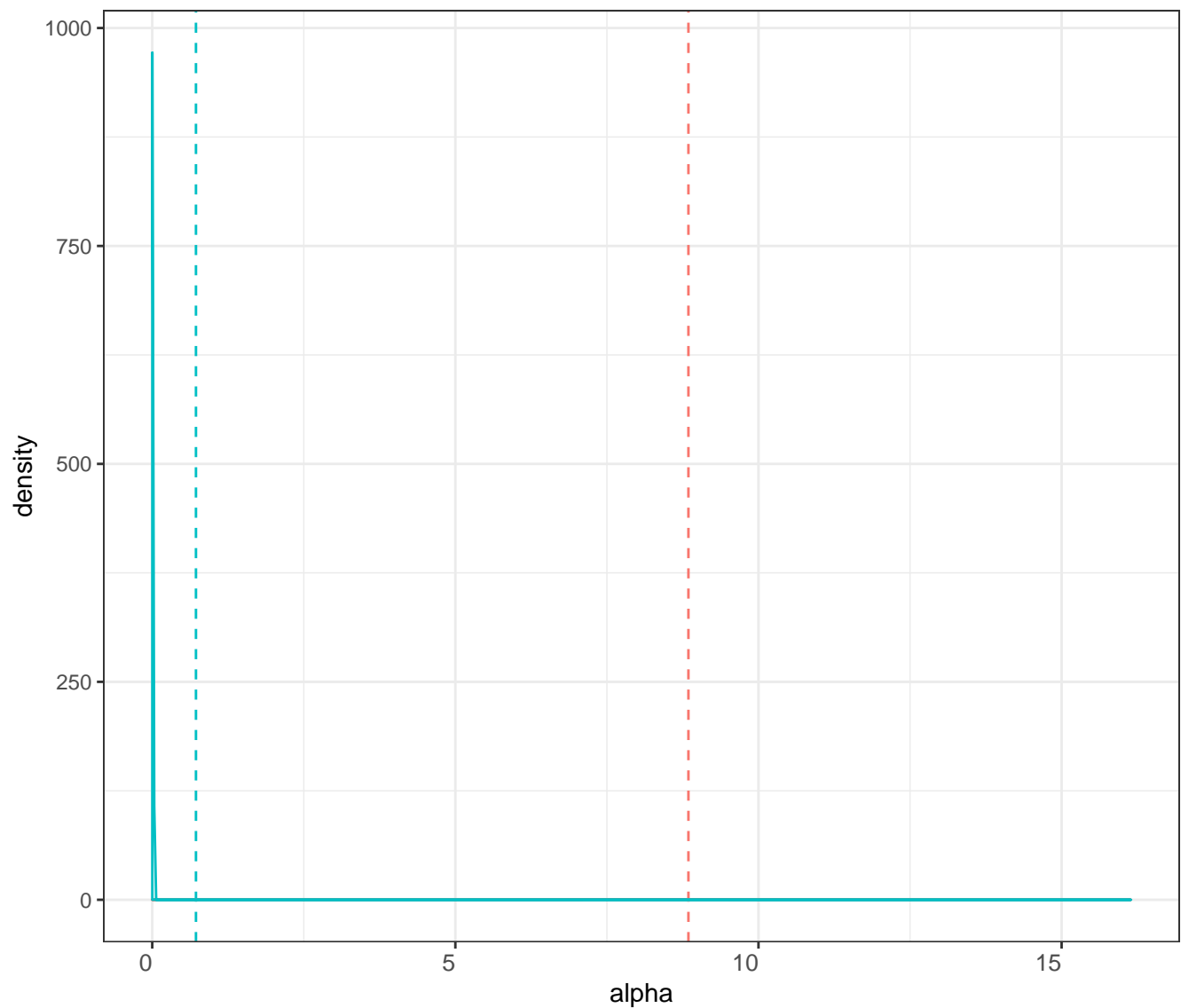
Trace plot for the number of groups K for S=80 r=5 true K=4 type=1

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

Distribution alpha: S=80 ,r=5 true gr K=4 ,type=1 ,N=150

type ⌇ posterior ⌇ prior
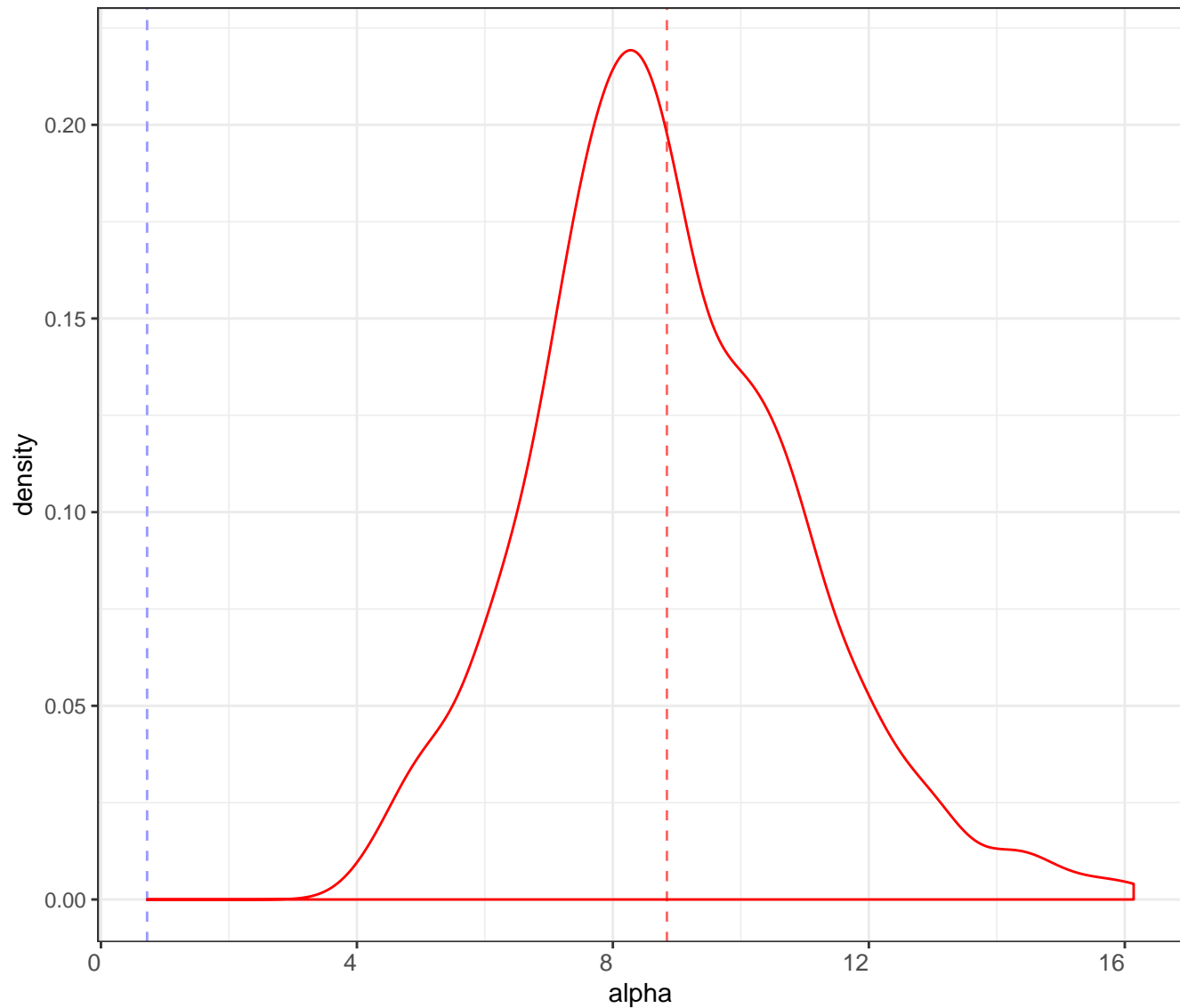
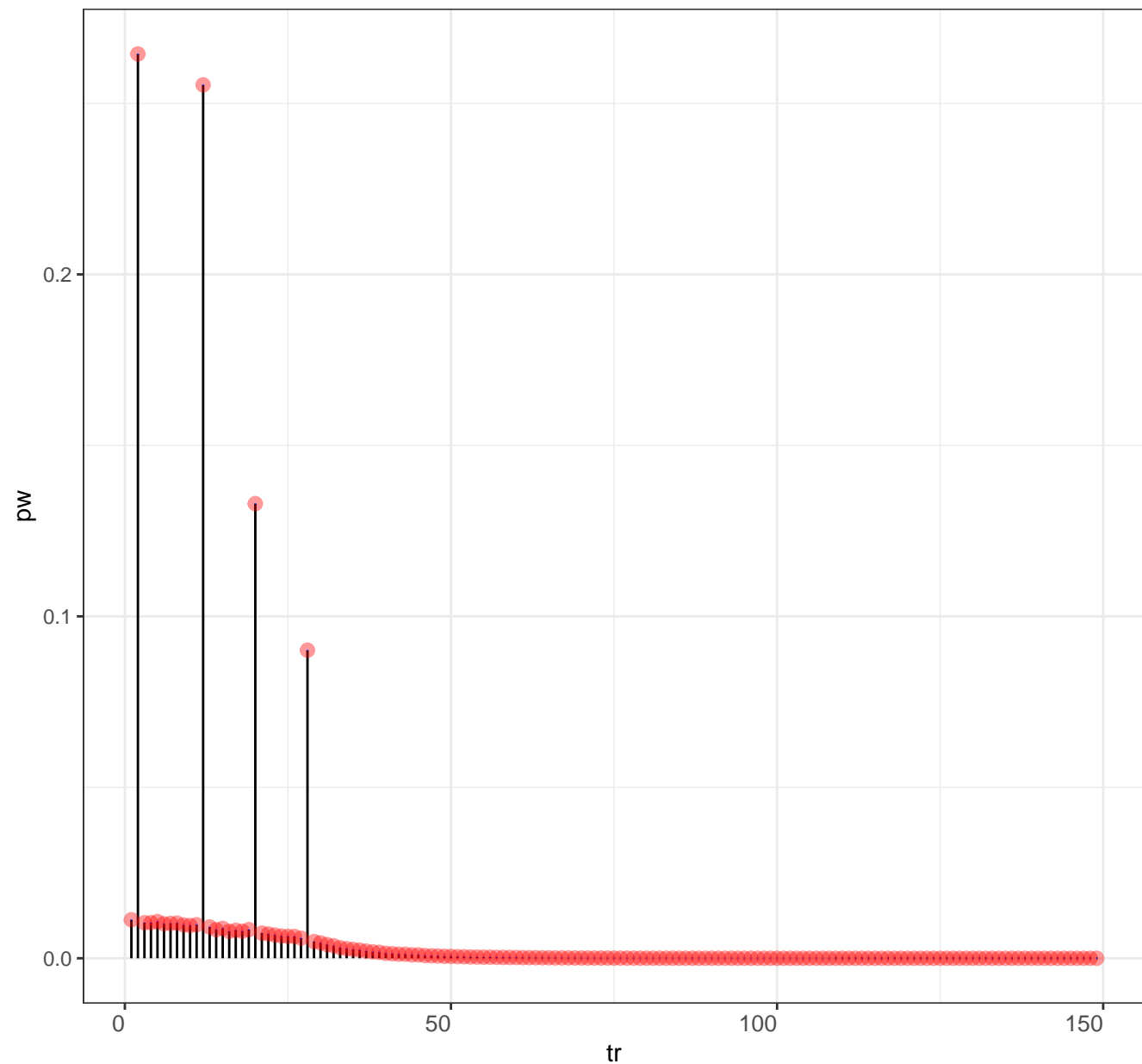Number of iterations: 2000 burnin: 1000 number of samples: 500

Posterior distribution for alpha
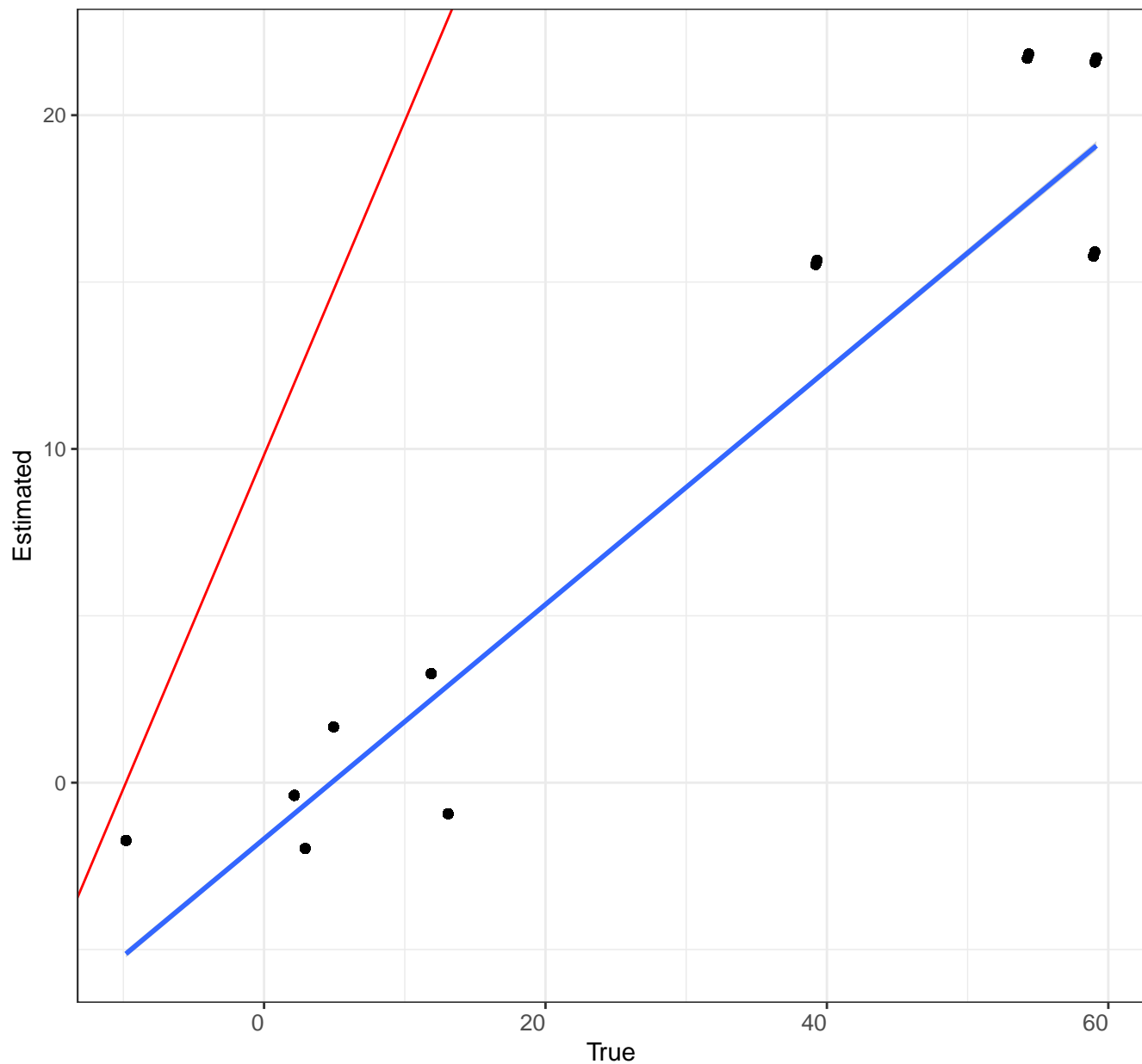
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=5 true gr K=4 ,type=1 ,N=150

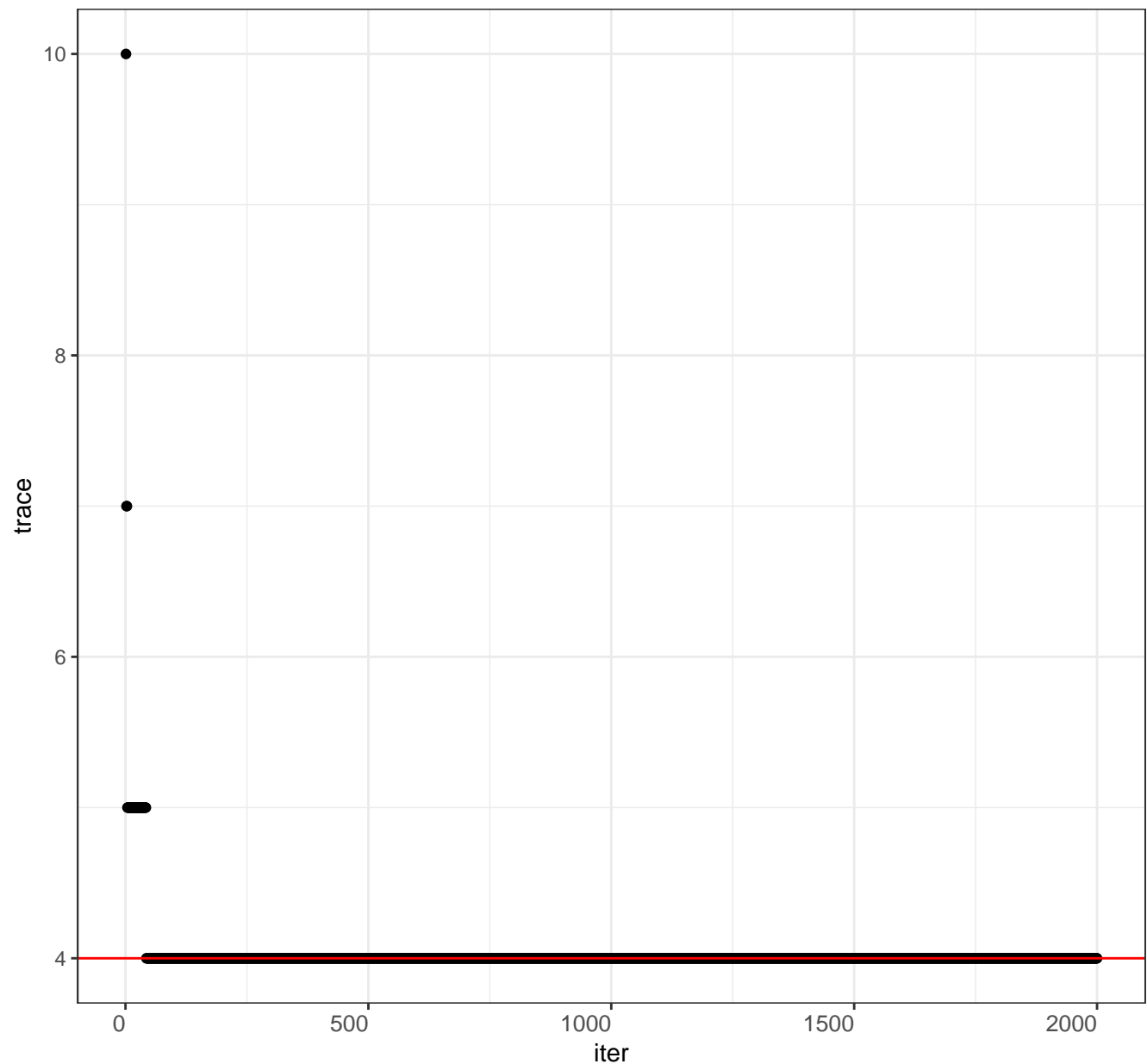Weights for the case: S=80 ,r=5 true gr K=4 ,type=1 ,N=150 pN=0

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

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=80 r=5 true K=4 type=1
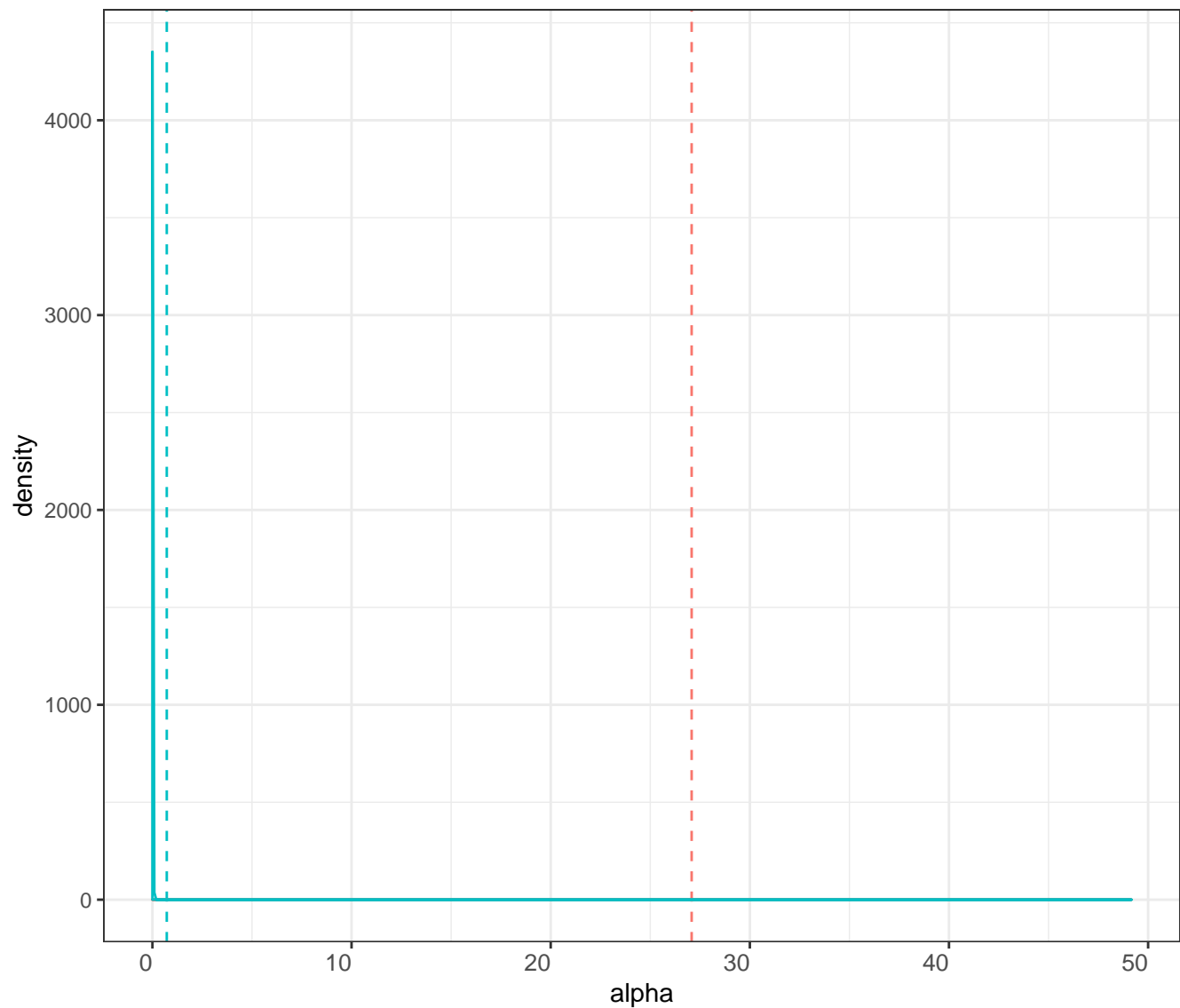
Trace plot for the number of groups K for S=80 r=5 true K=4 type=1

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

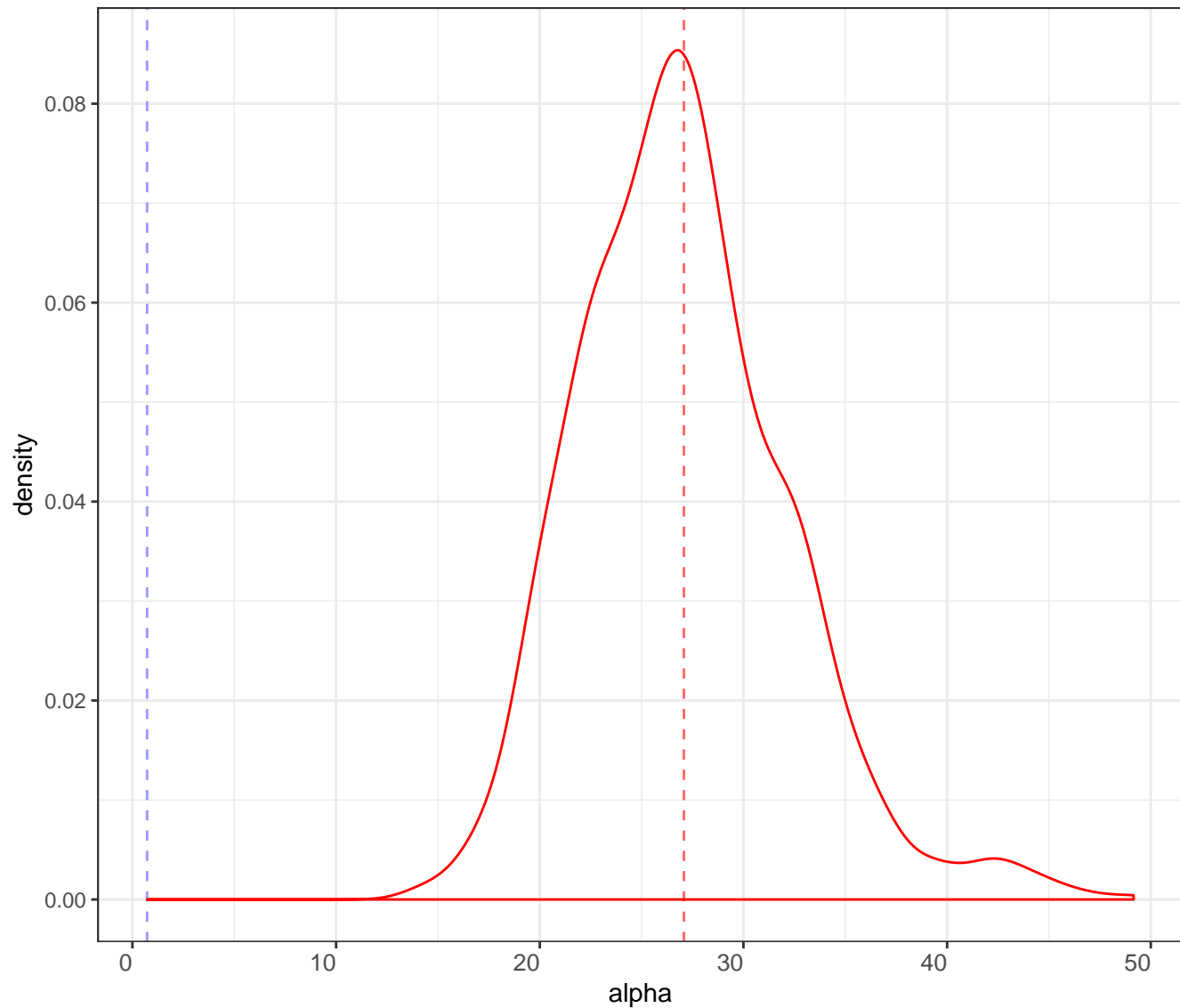Distribution alpha: S=80 ,r=5 true gr K=4 ,type=1 ,N=150

type [posterior] [prior]

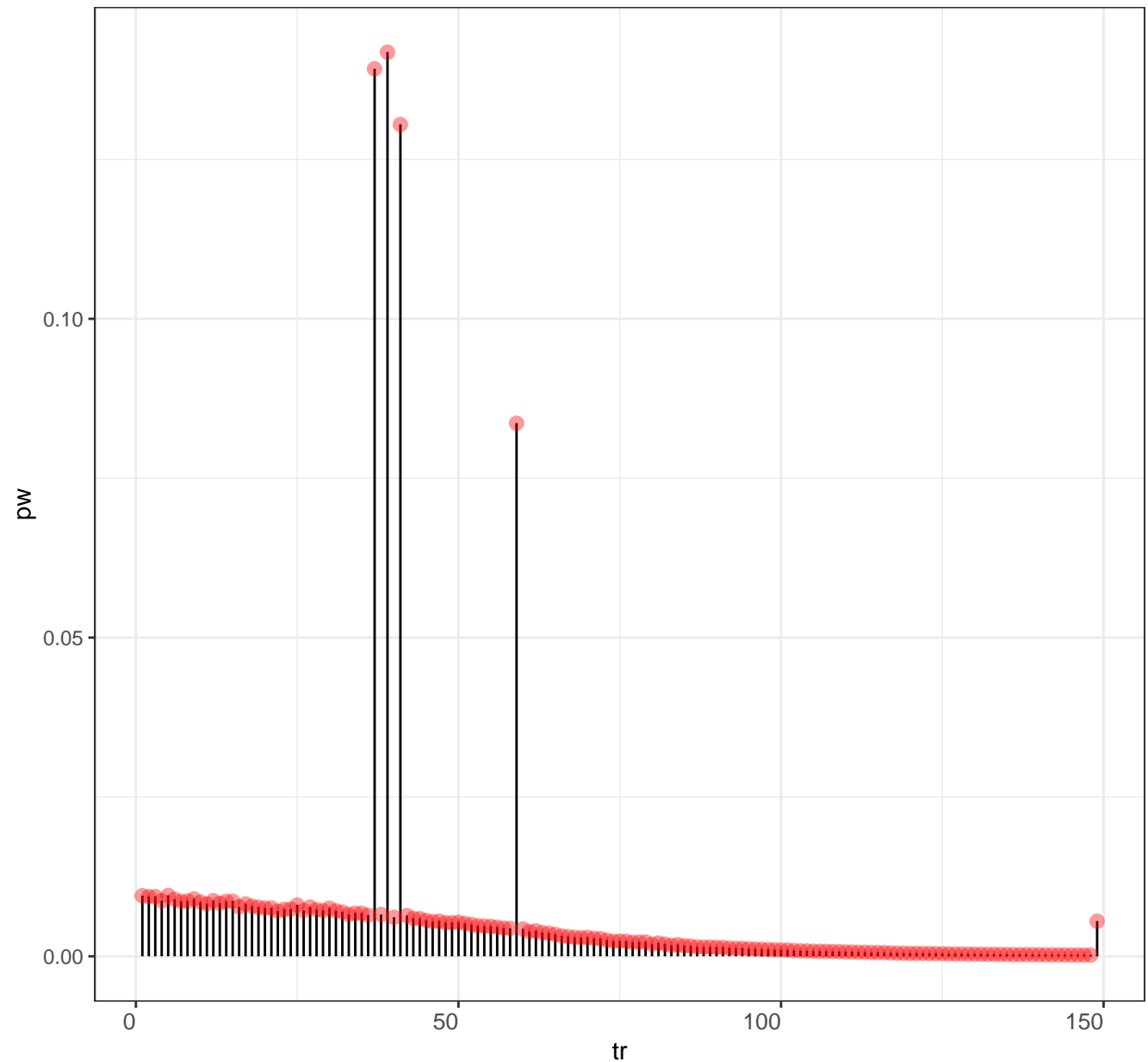Number of iterations: 2000 burnin: 1000 number of samples: 500
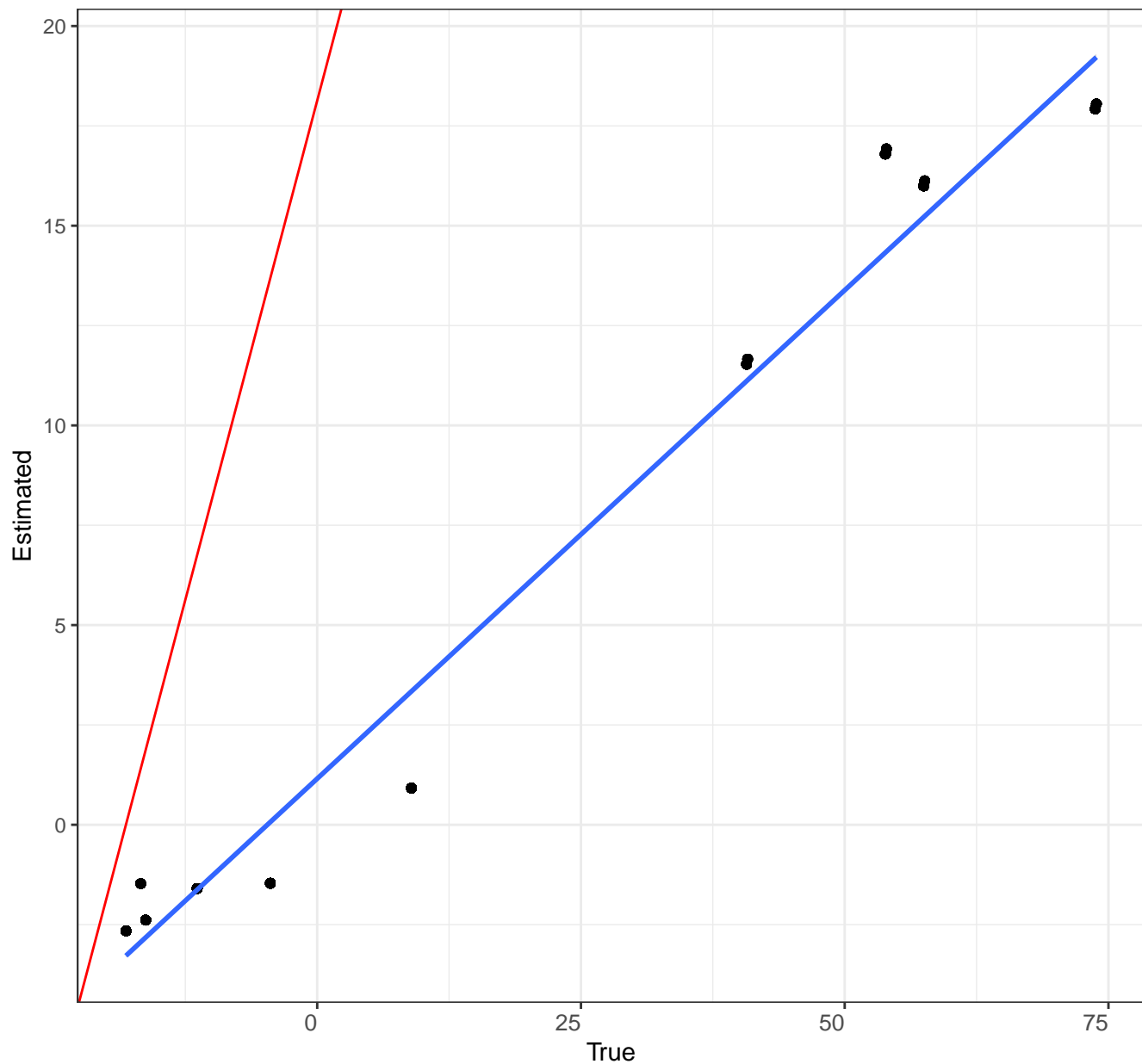
Posterior distribution for alpha

Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=5 true gr K=4 ,type=1 ,N=150

Weights for the case: S=80 ,r=5 true gr K=4 ,type=1 ,N=150 pN=0.006

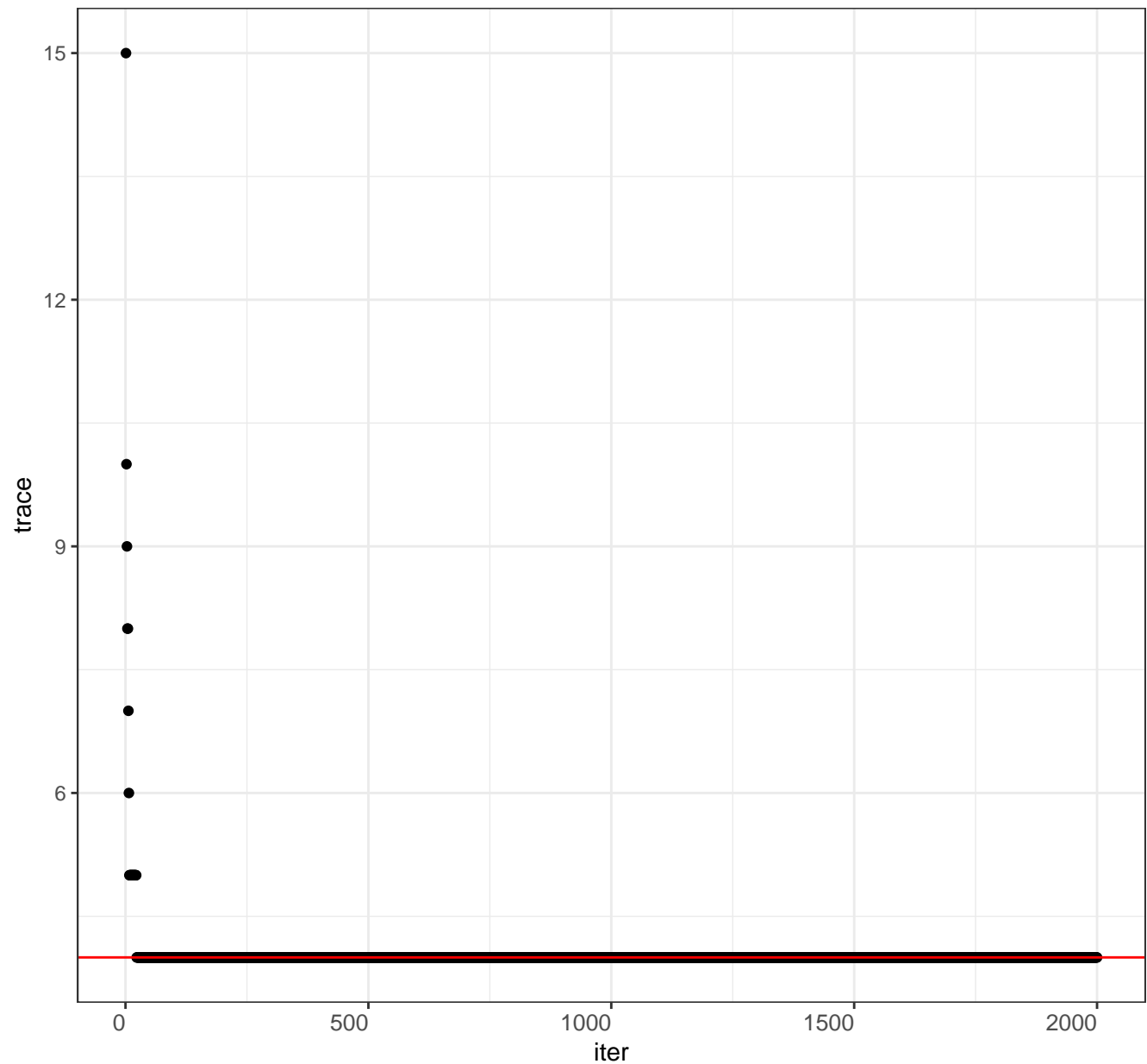Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters

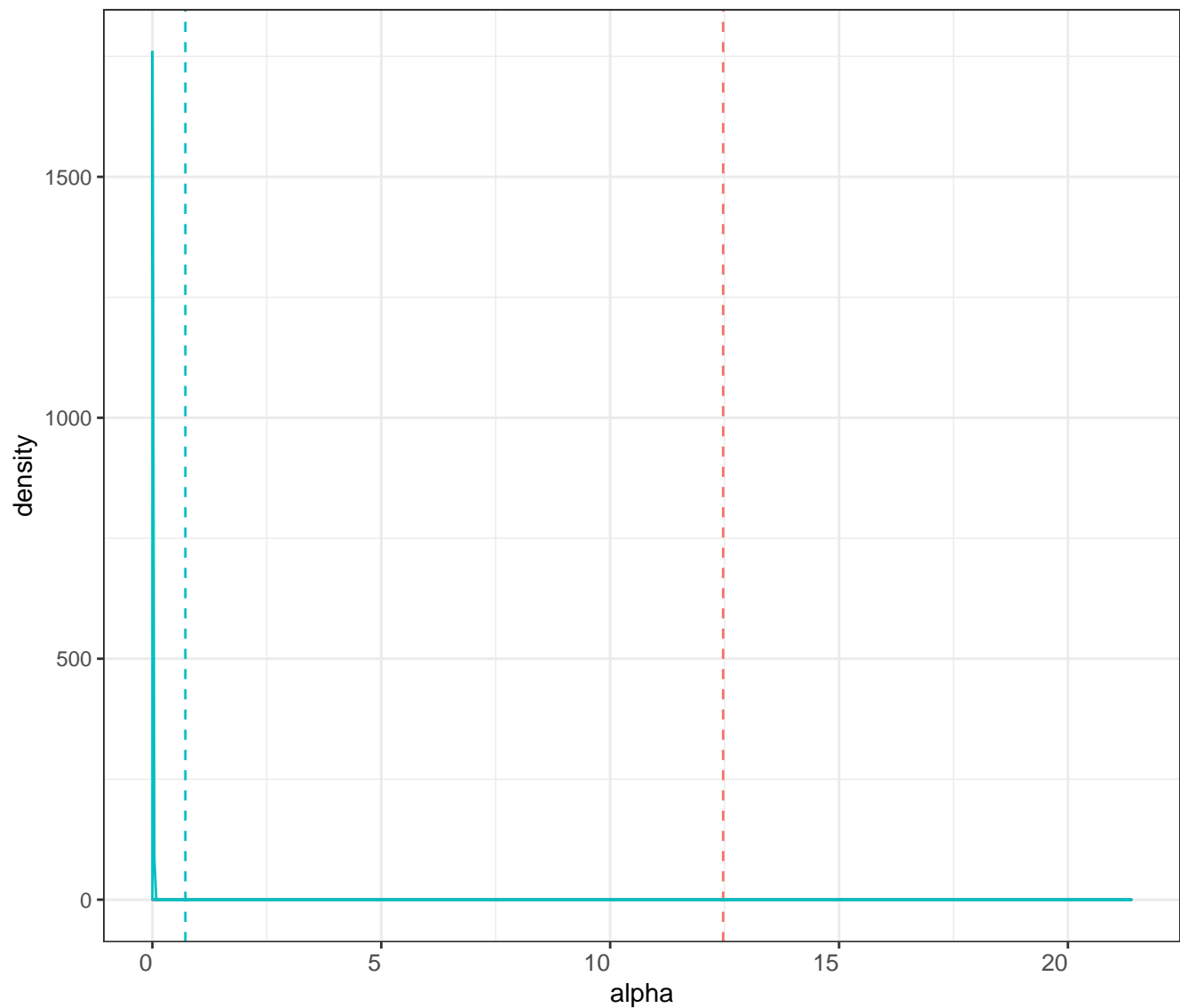Number of iterations: 2000 burnin: 1000number of samples: 500S=80 r=5 true K=4 type=1

Trace plot for the number of groups K for S=80 r=5 true K=4 type=1

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

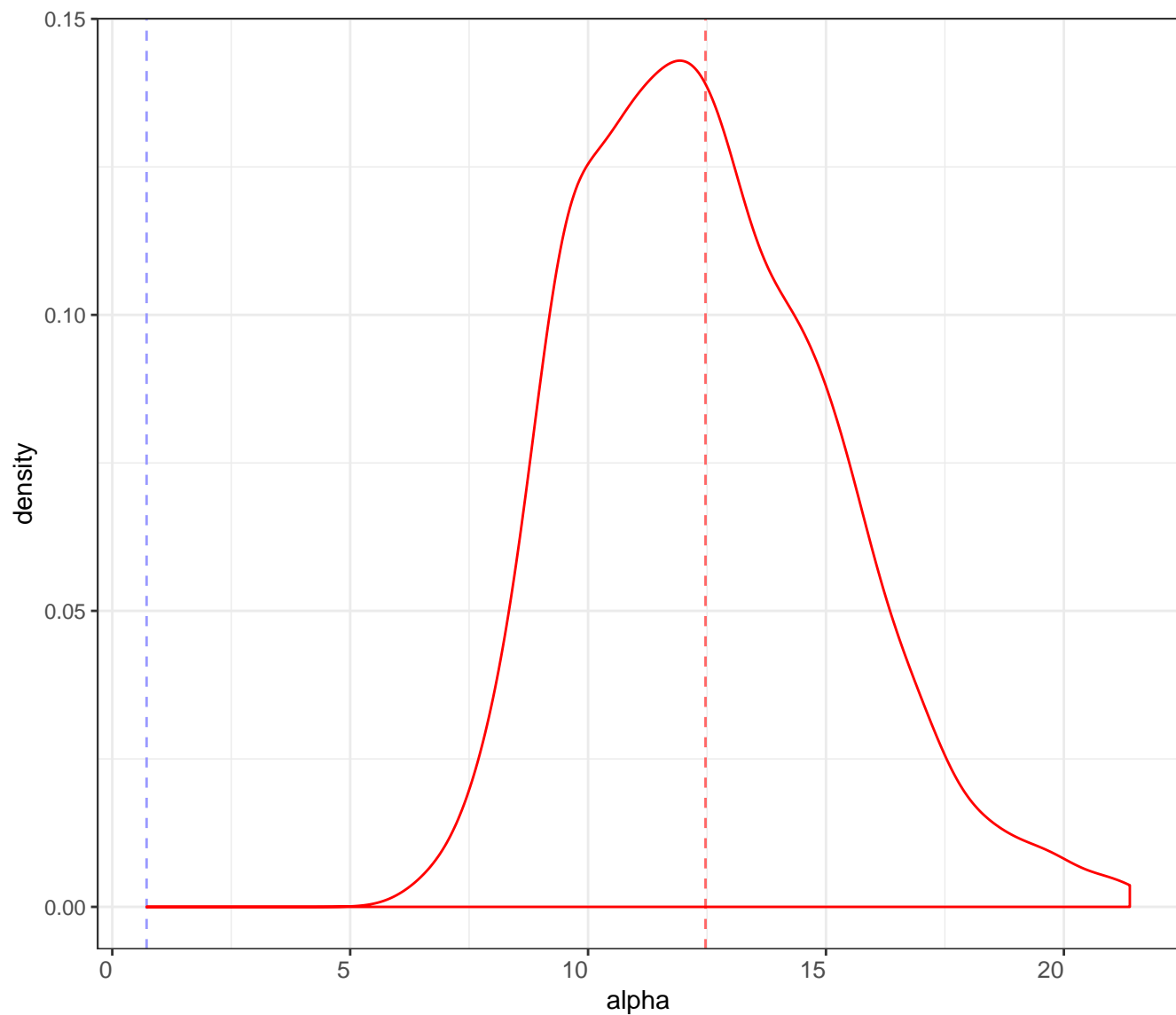Distribution alpha: S=80 ,r=5 true gr K=4 ,type=1 ,N=150

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

Posterior distribution for alpha
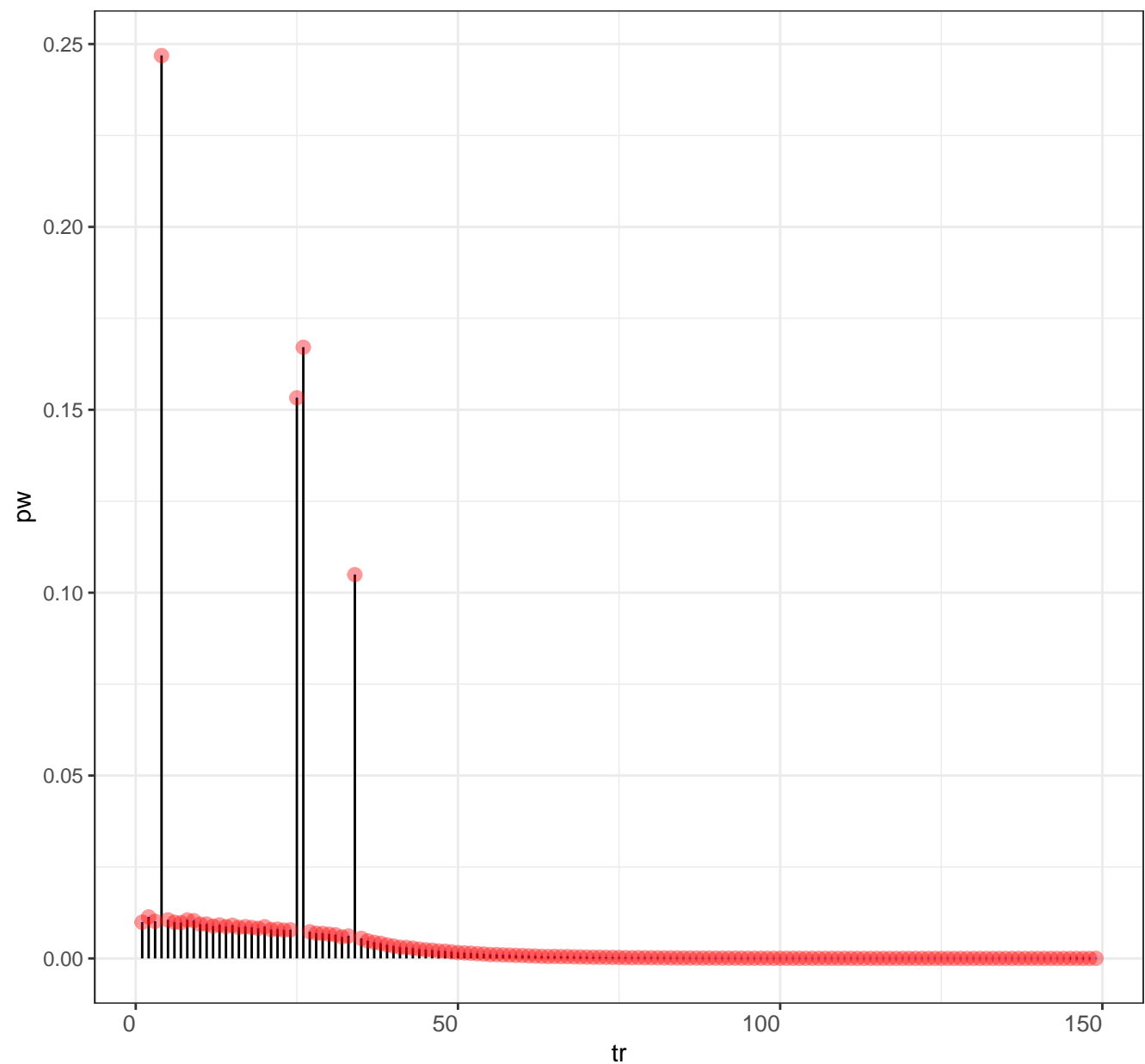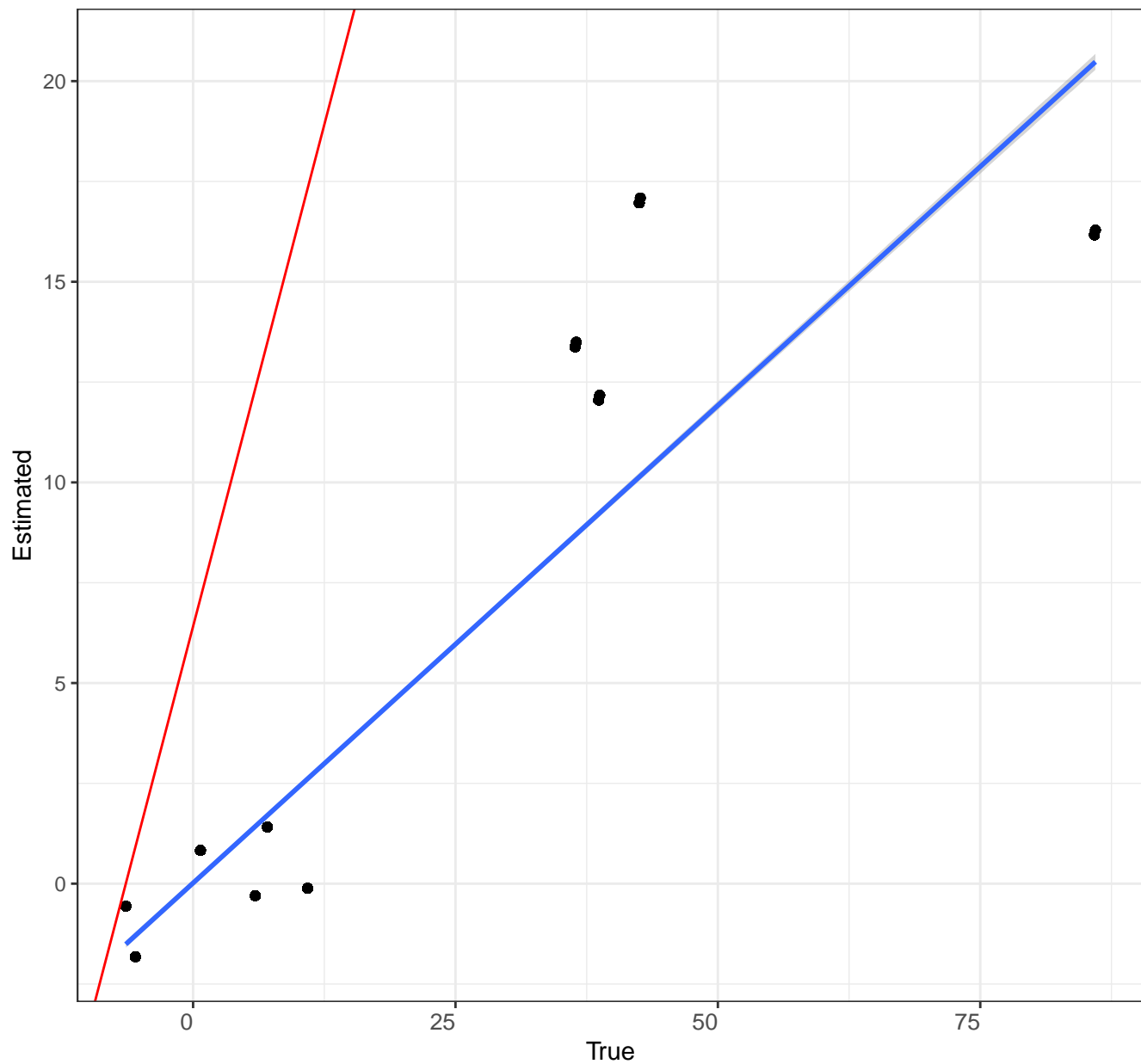
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=5 true gr K=4 ,type=1 ,N=150

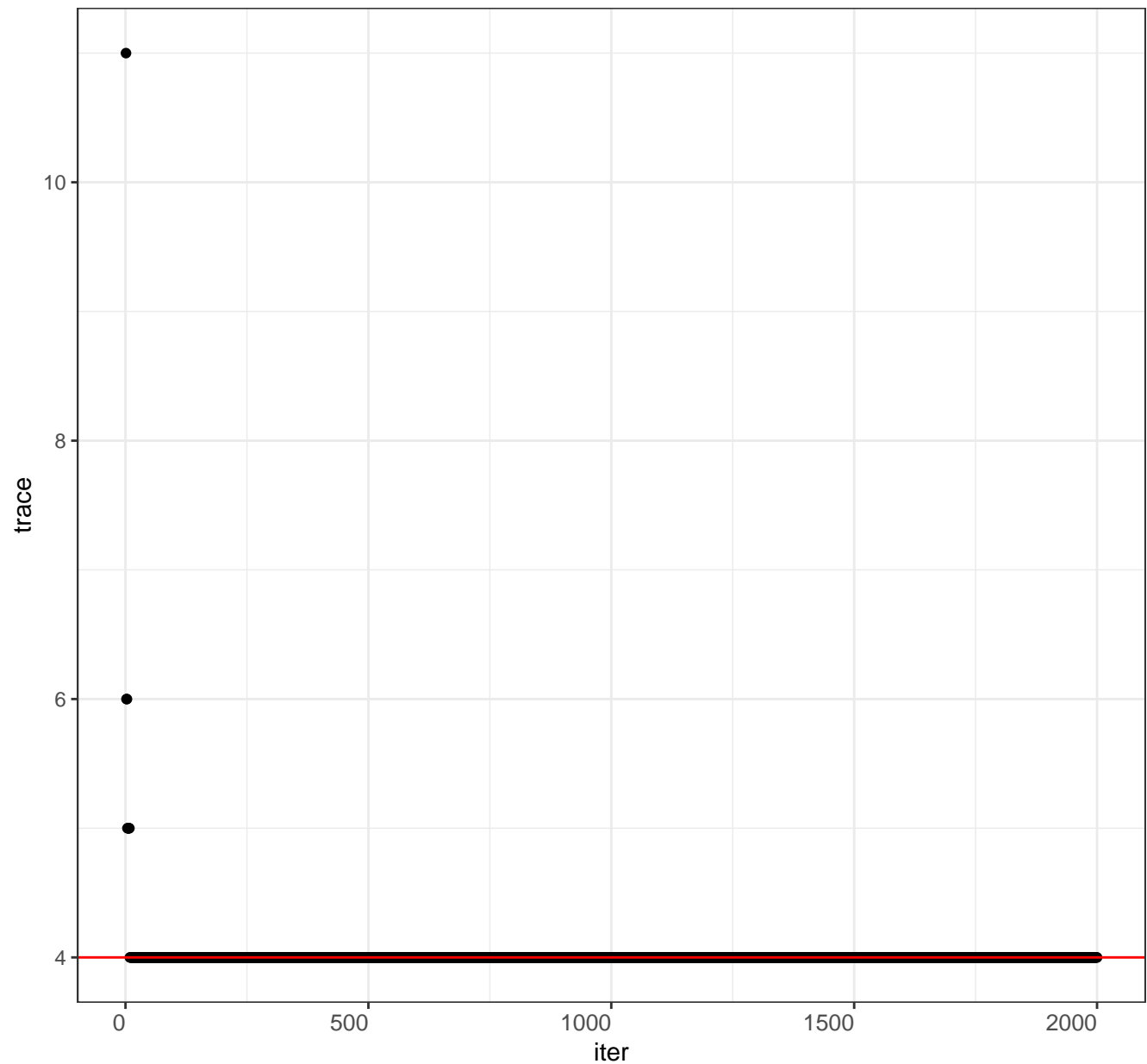Weights for the case: S=80 ,r=5 true gr K=4 ,type=1 ,N=150 pN=0

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

True vs estimated covariance parameters

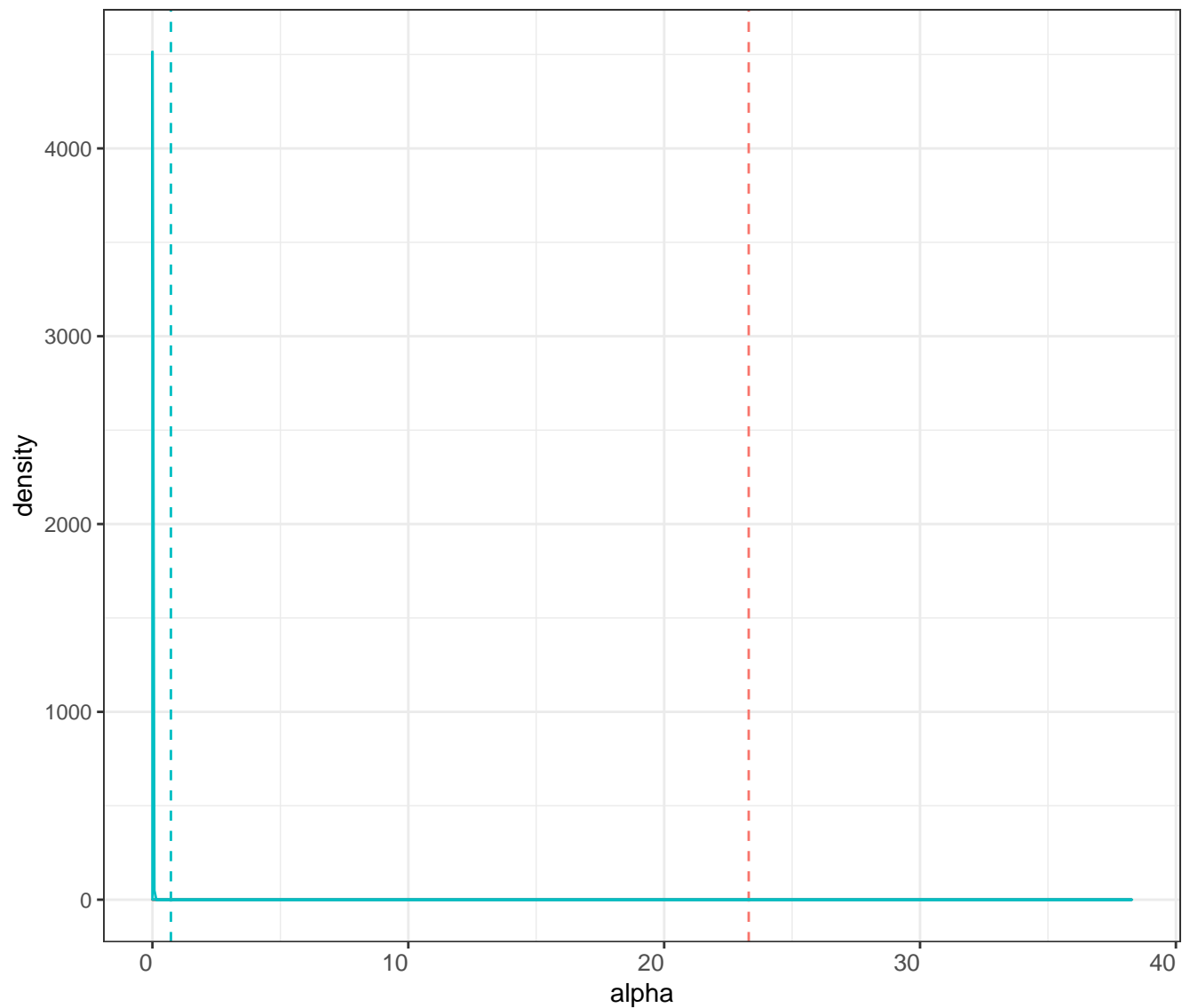Number of iterations: 2000 burnin: 1000number of samples: 500S=80 r=5 true K=4 type=1

Trace plot for the number of groups K for S=80 r=5 true K=4 type=1

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

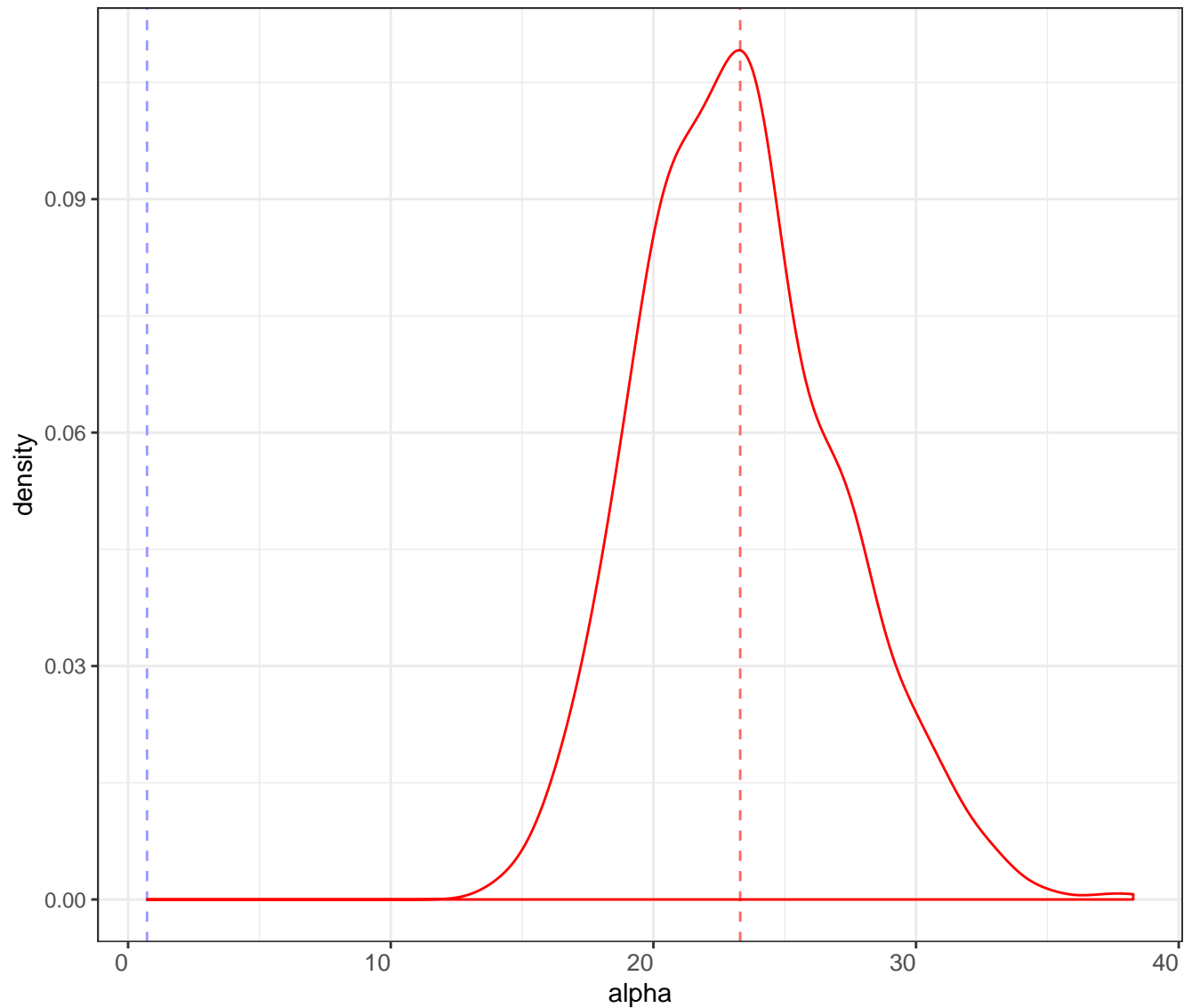Distribution alpha: S=80 ,r=5 true gr K=4 ,type=1 ,N=150

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

Posterior distribution for alpha
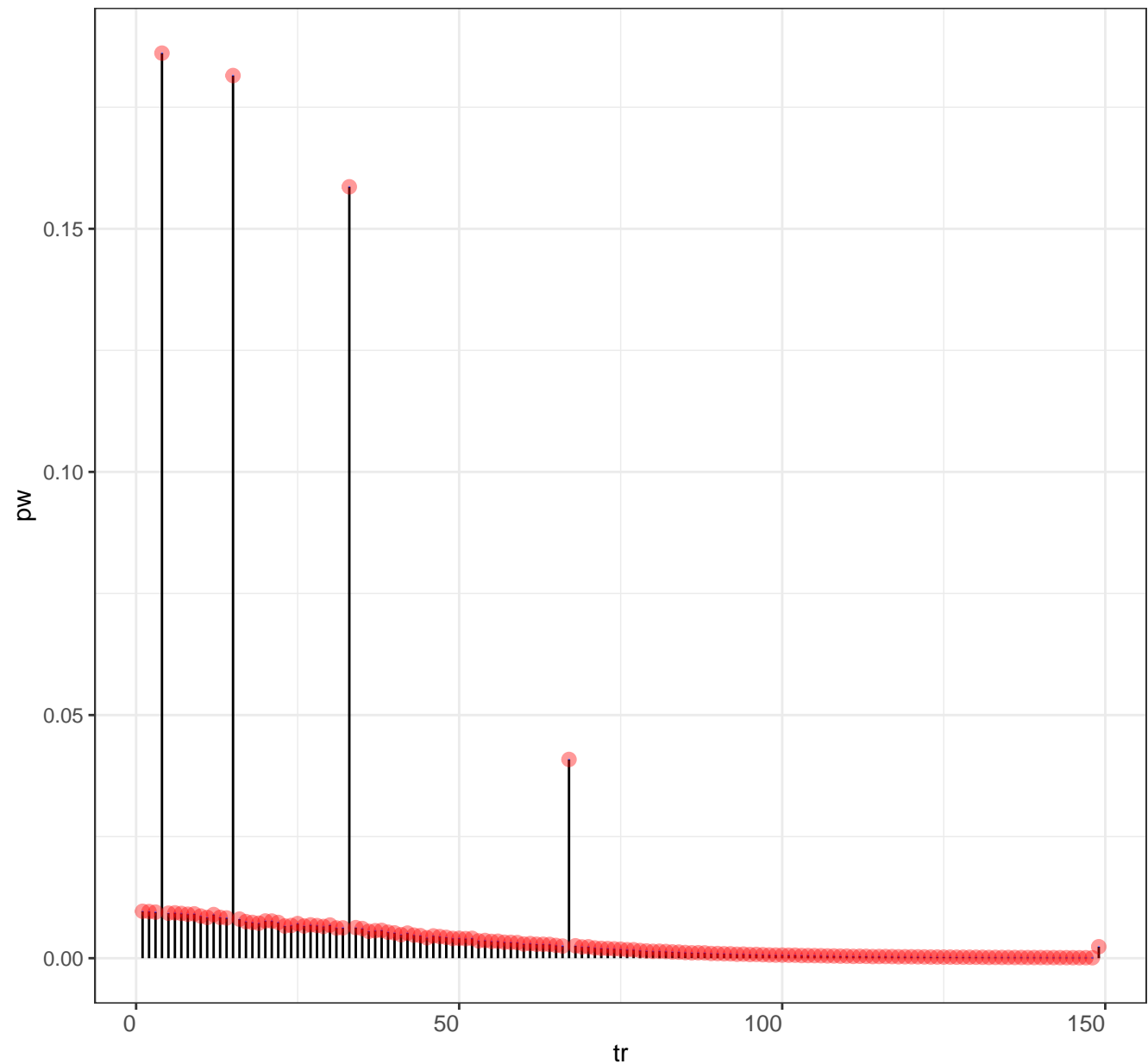
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=5 true gr K=4 ,type=1 ,N=150
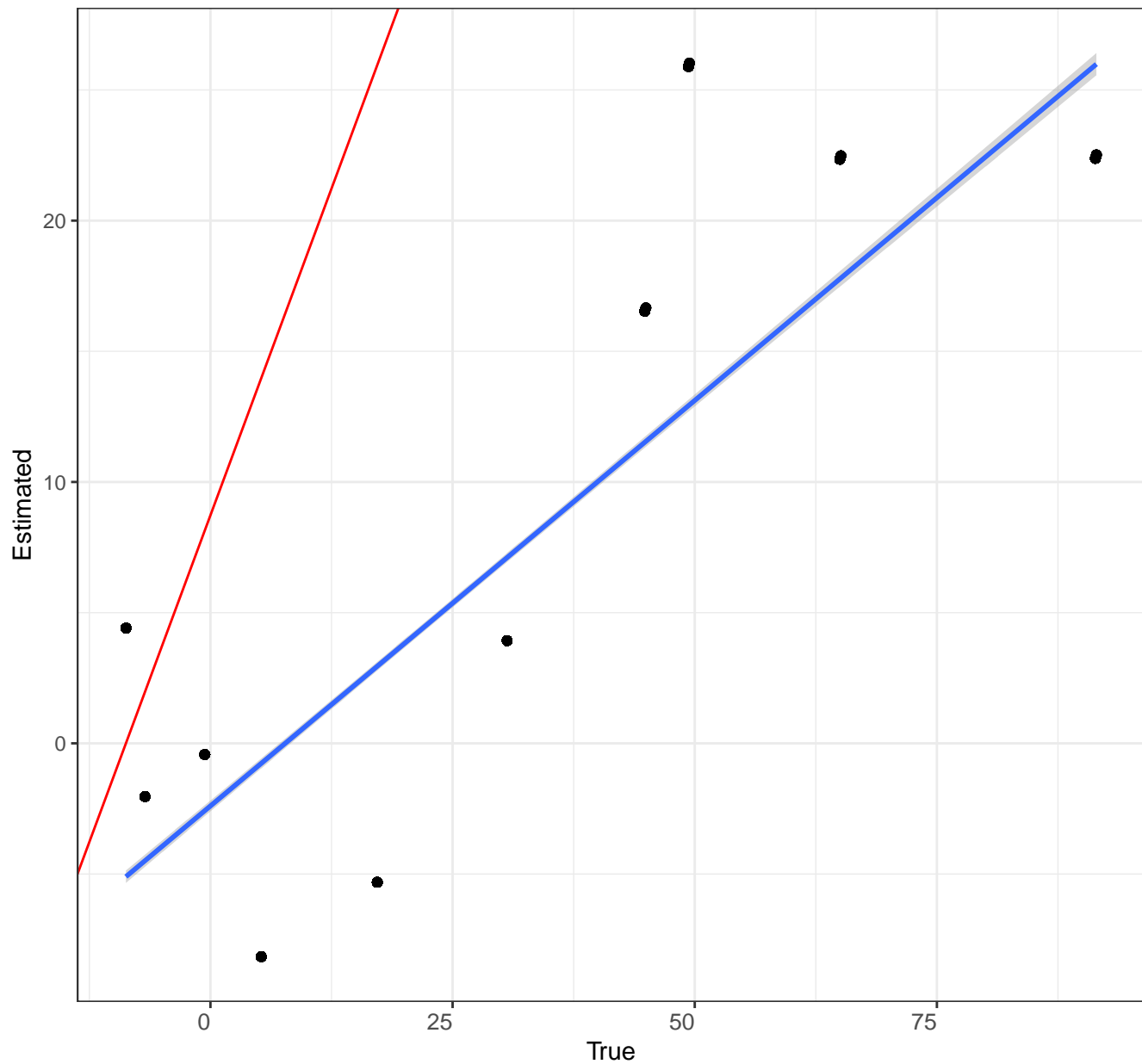
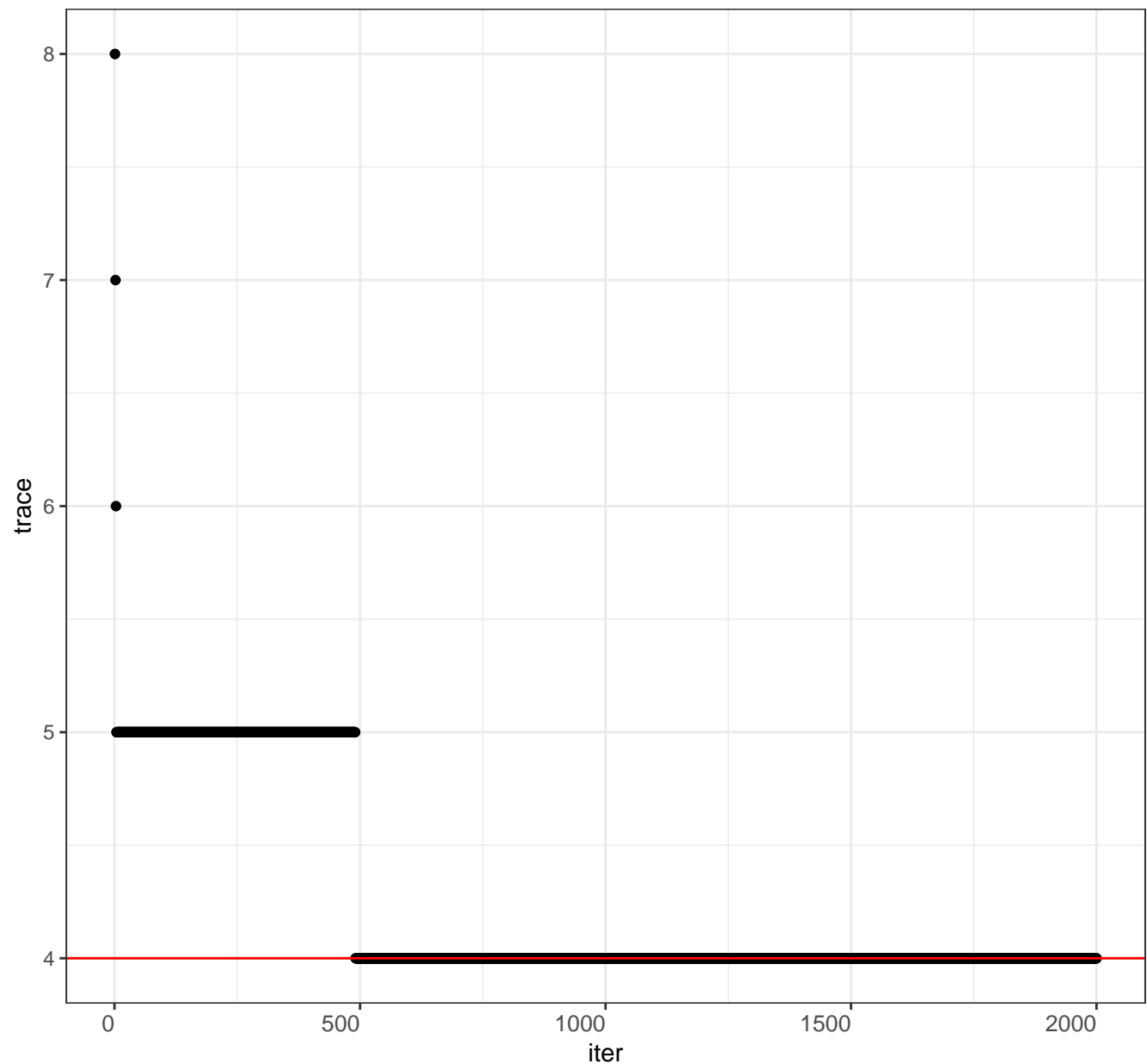Weights for the case: S=80 ,r=5 true gr K=4 ,type=1 ,N=150 pN=0.002

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

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=80 r=5 true K=4 type=1
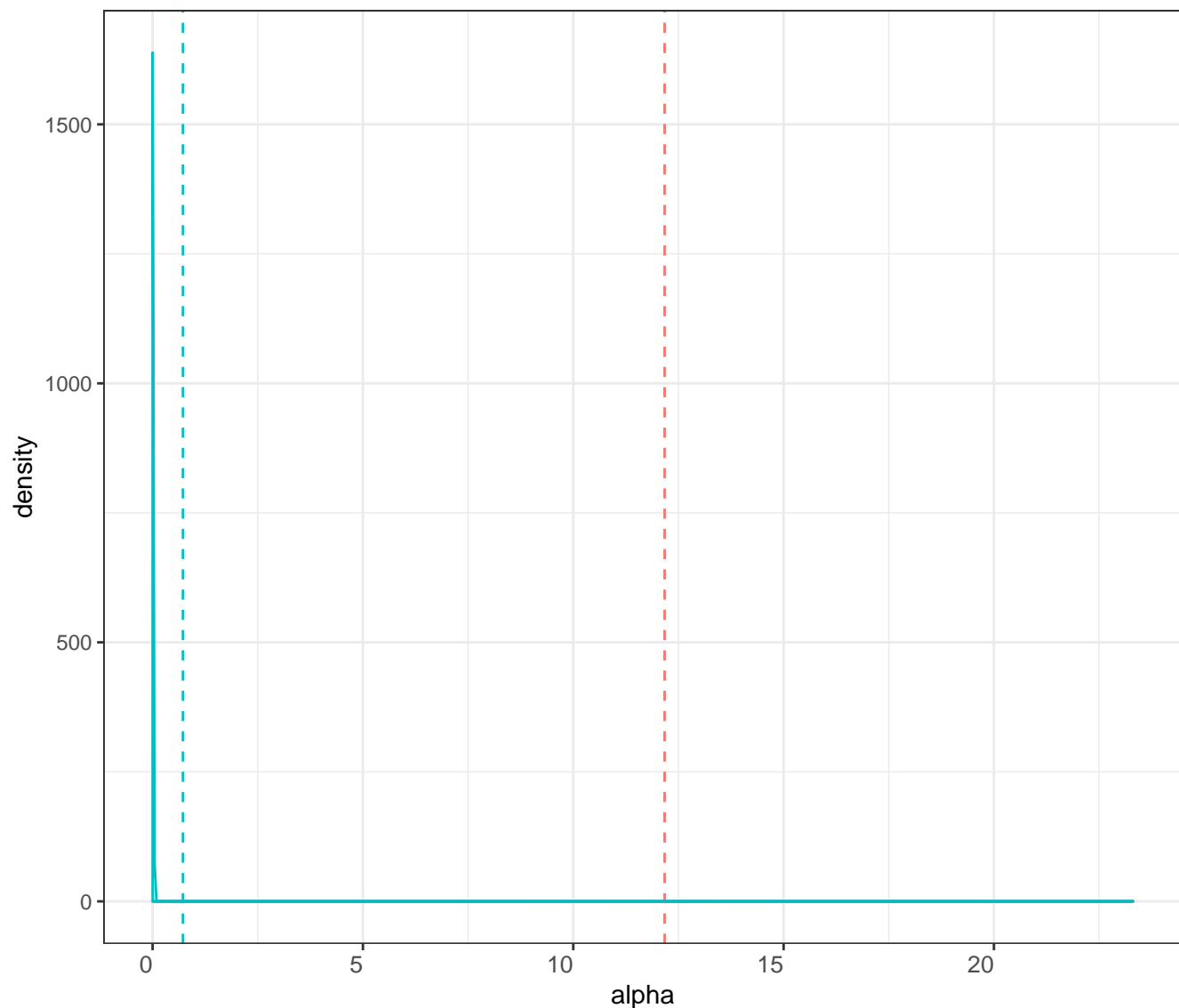
Trace plot for the number of groups K for S=80 r=5 true K=4 type=1

Number of iterations: 2000 burnin: 1000number of samples: 500
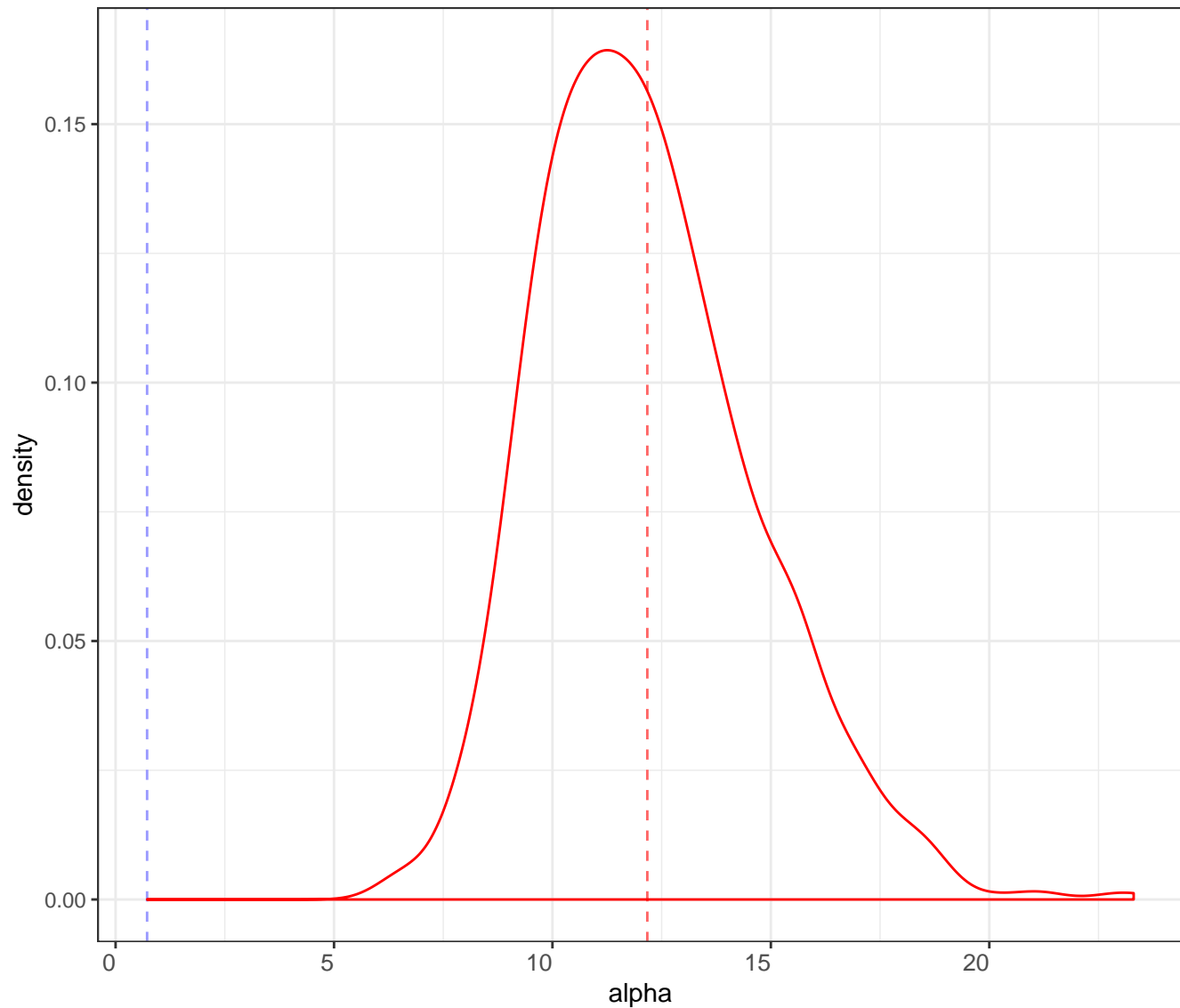
Distribution alpha: S=80 ,r=5 true gr K=4 ,type=1 ,N=150

type ⊟ posterior ⊟ prior

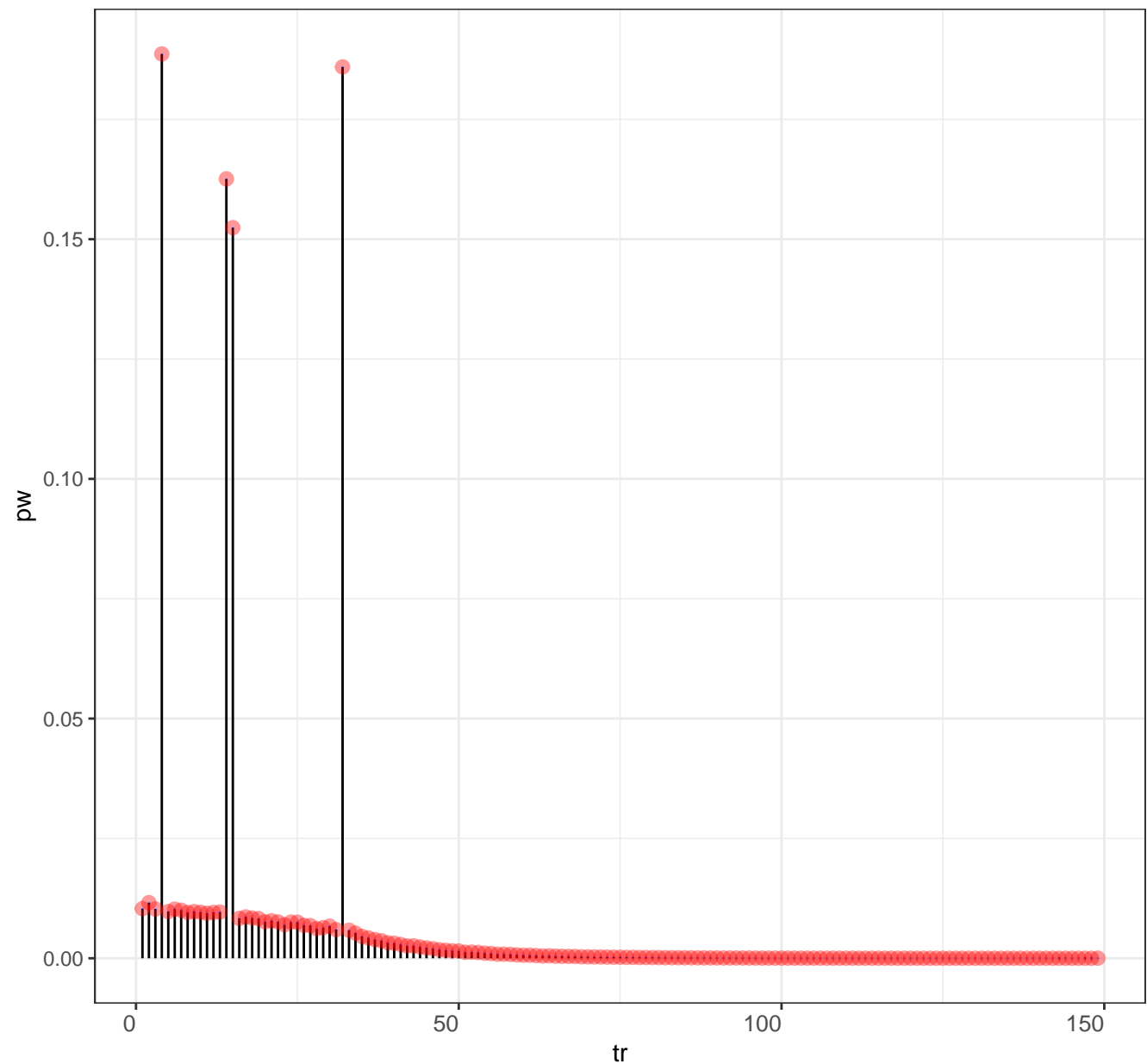Number of iterations: 2000 burnin: 1000 number of samples: 500

Posterior distribution for alpha

Legend | posterior mean | prior mean
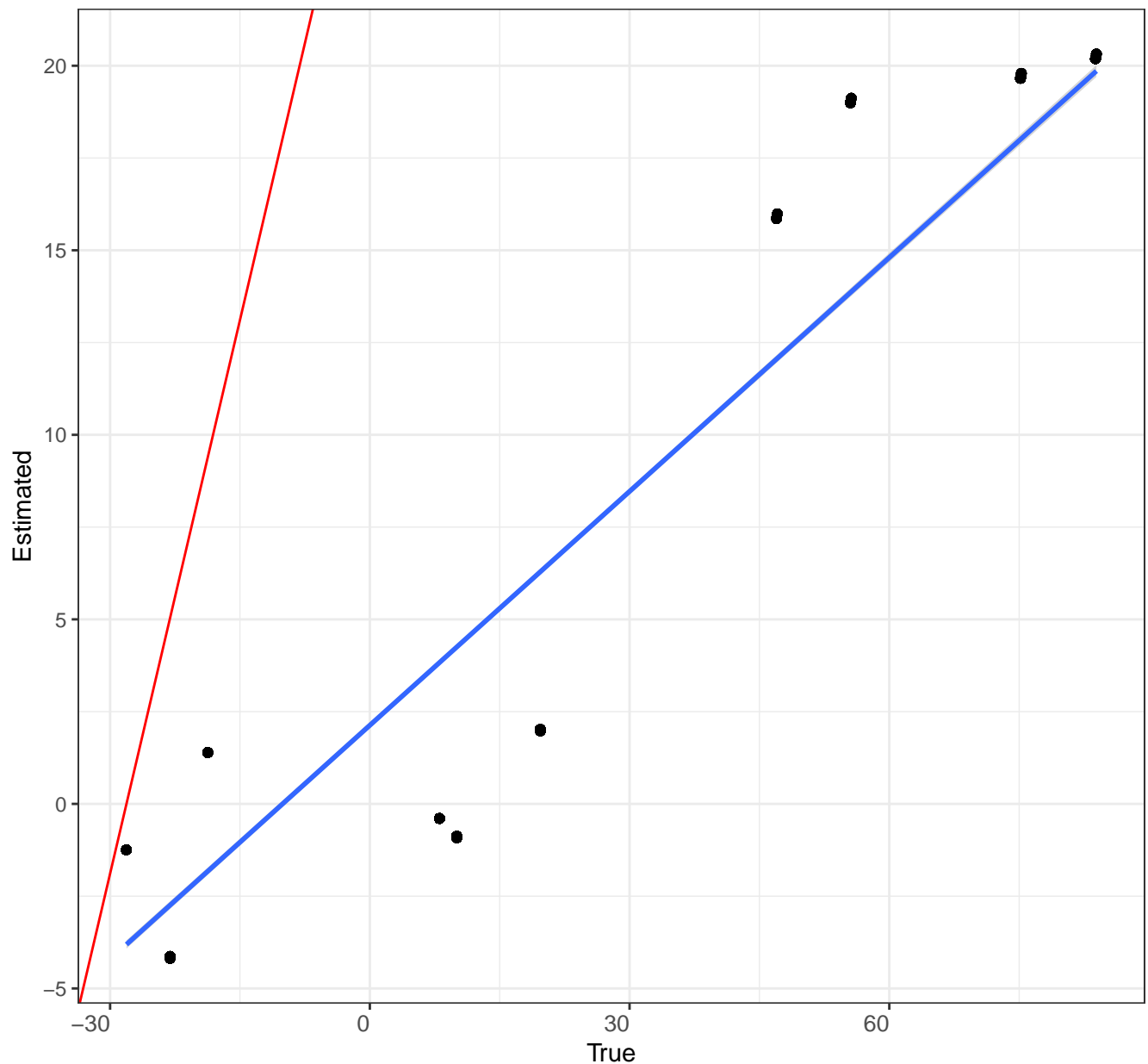
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=5 true gr K=4 ,type=1 ,N=150

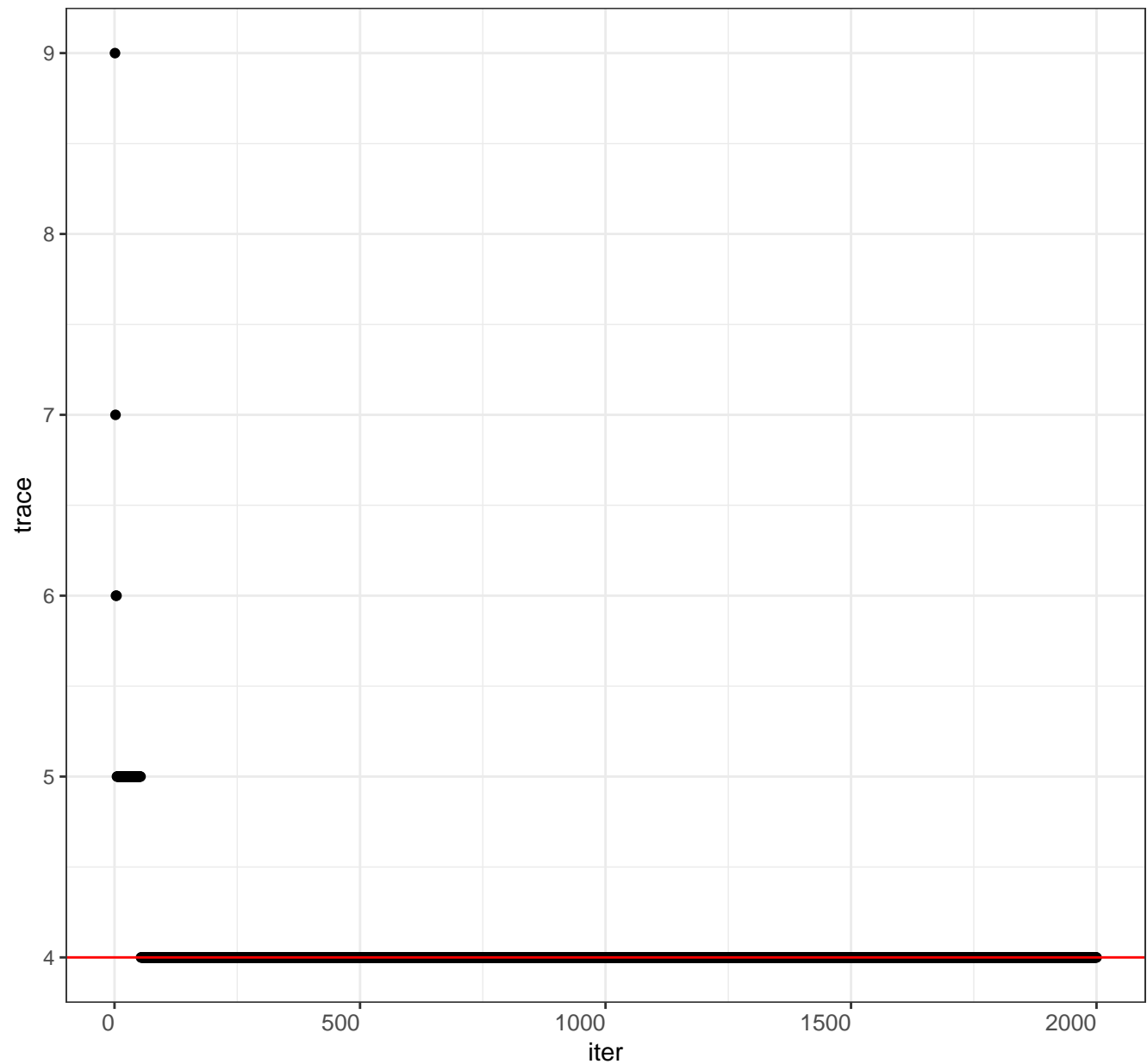Weights for the case: S=80 ,r=5 true gr K=4 ,type=1 ,N=150 pN=0

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

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=80 r=5 true K=4 type=1

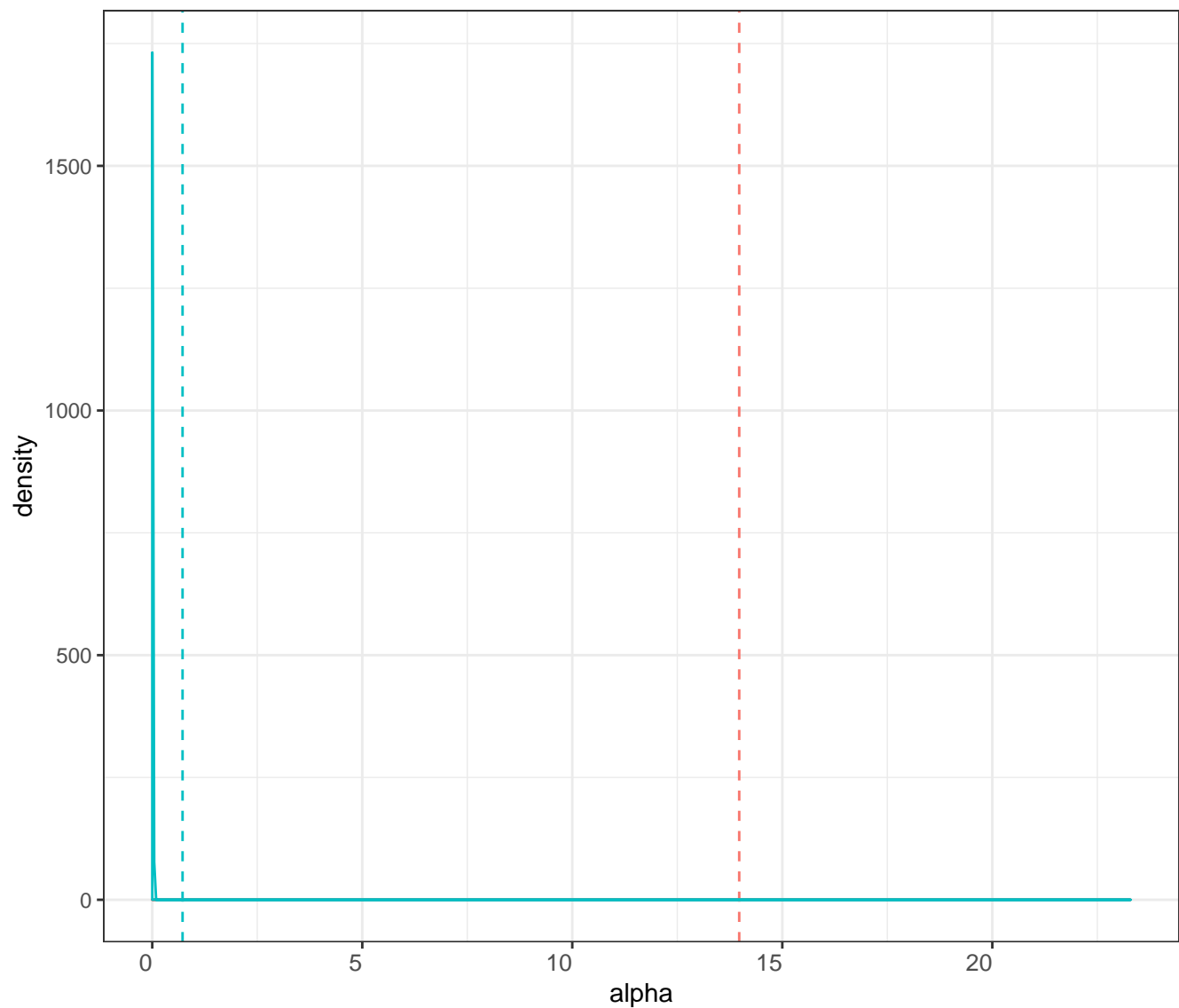Trace plot for the number of groups K for S=80 r=5 true K=4 type=1

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

Distribution alpha: S=80 ,r=5 true gr K=4 ,type=1 ,N=150

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

Posterior distribution for alpha
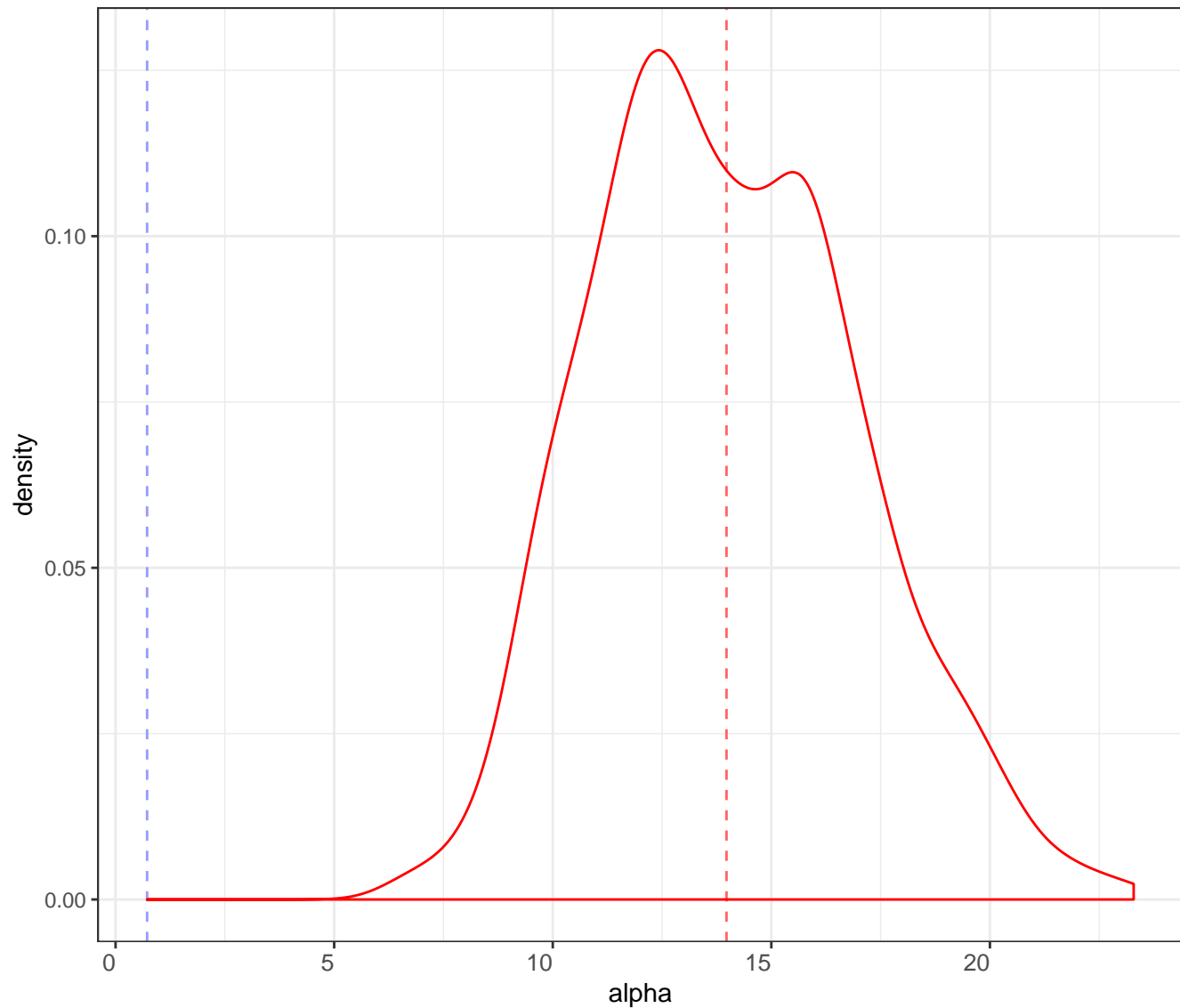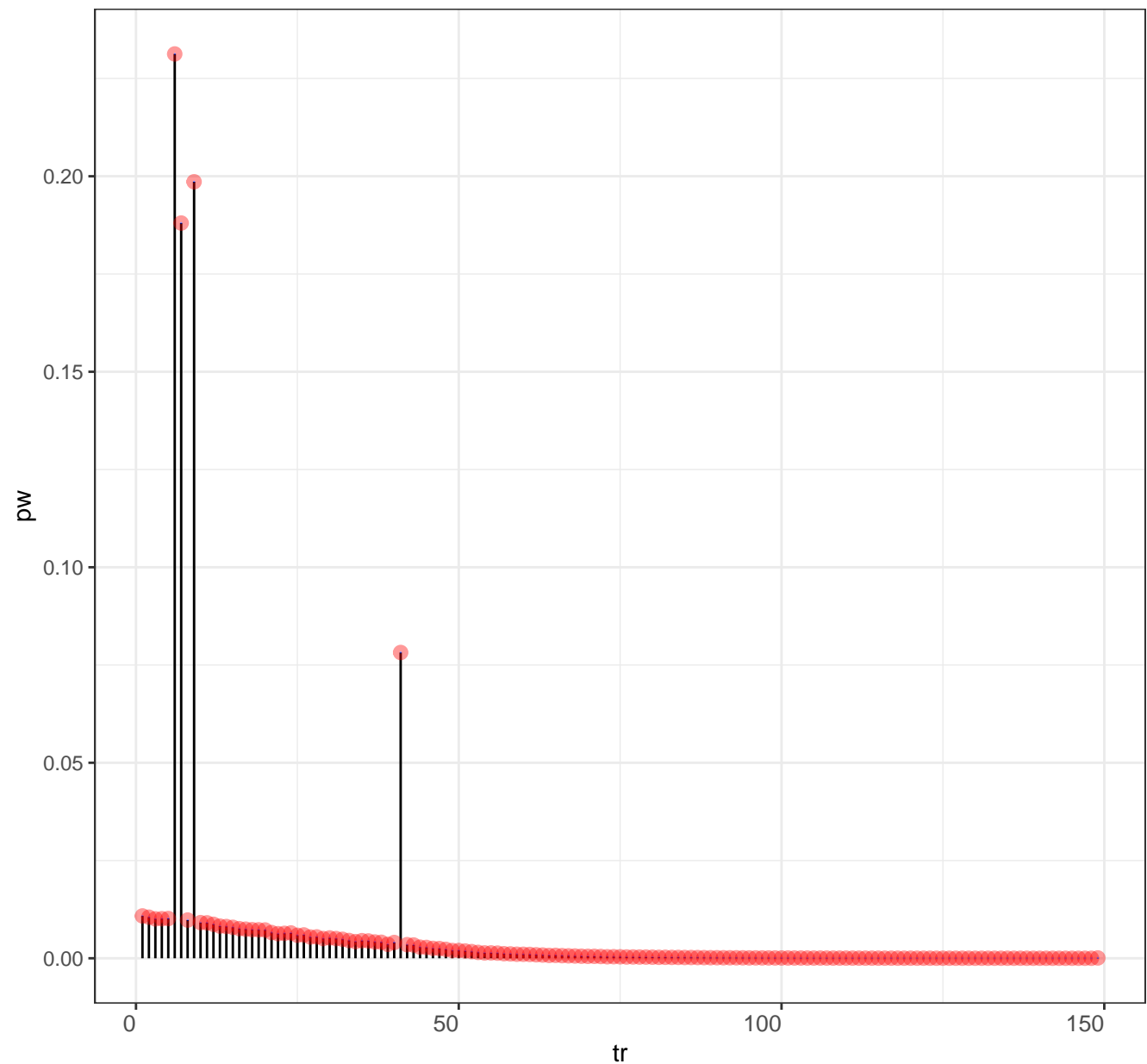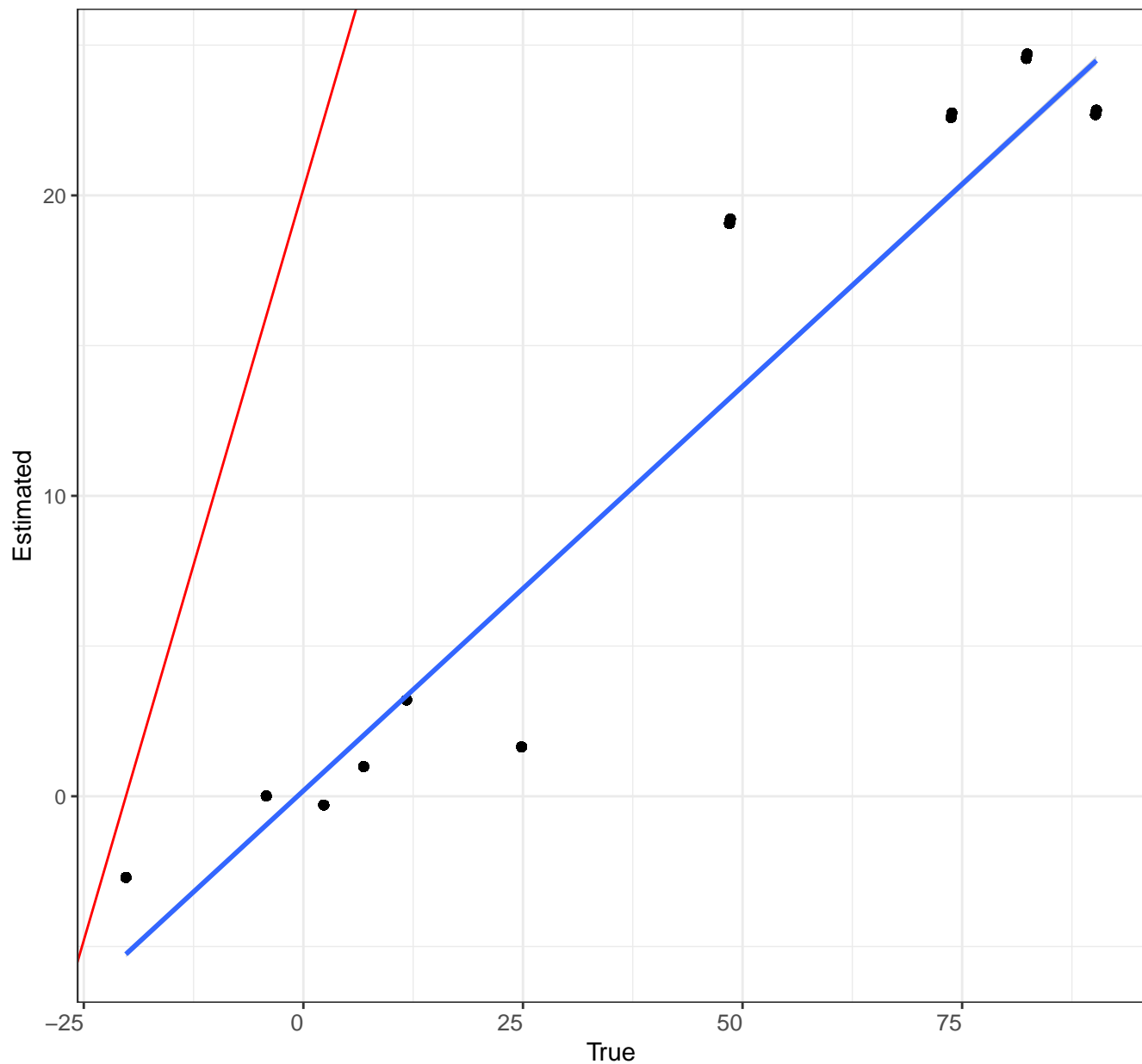
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=5 true gr K=4 ,type=1 ,N=150

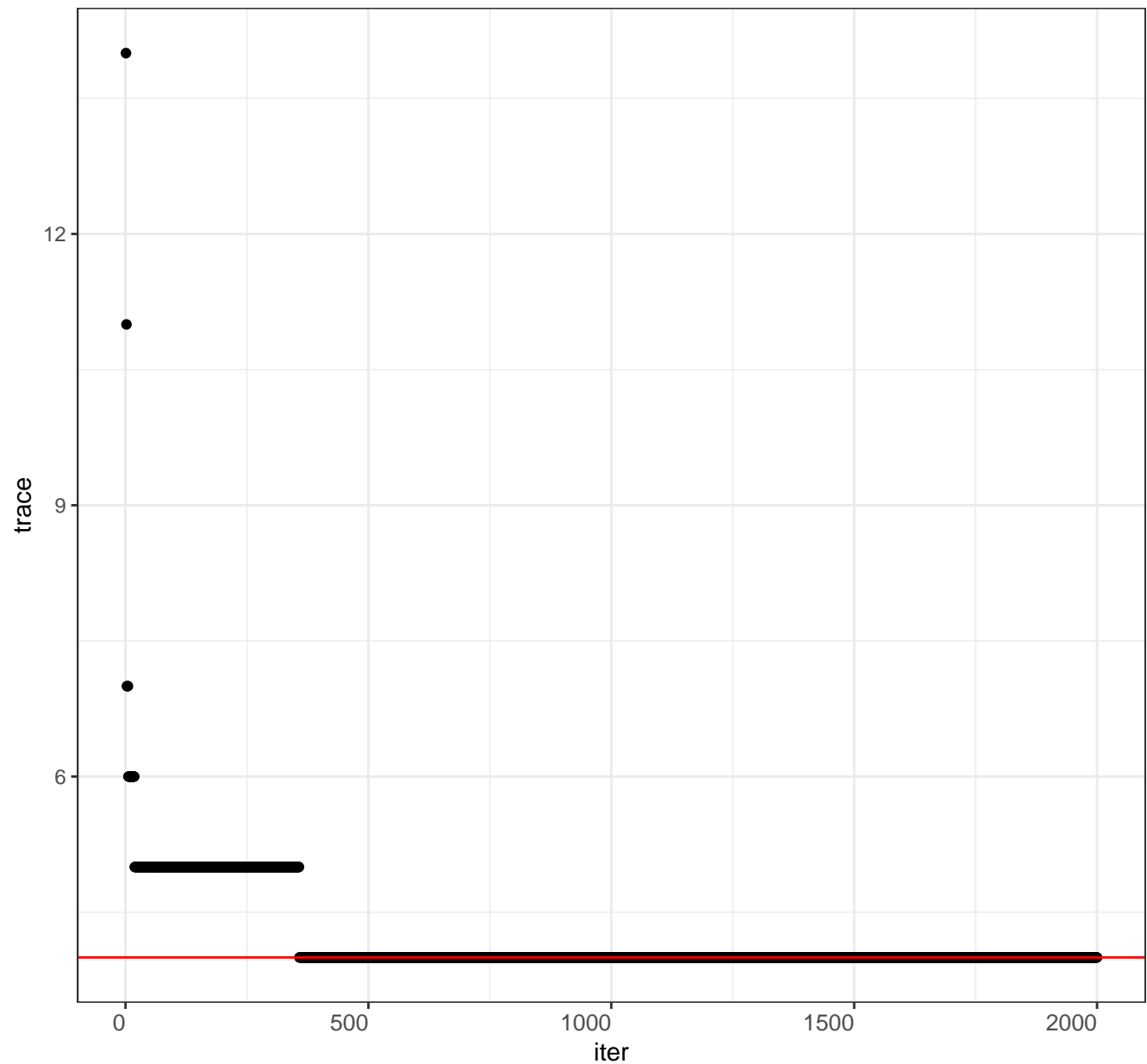Weights for the case: S=80 ,r=5 true gr K=4 ,type=1 ,N=150 pN=0

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

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=80 r=5 true K=4 type=1
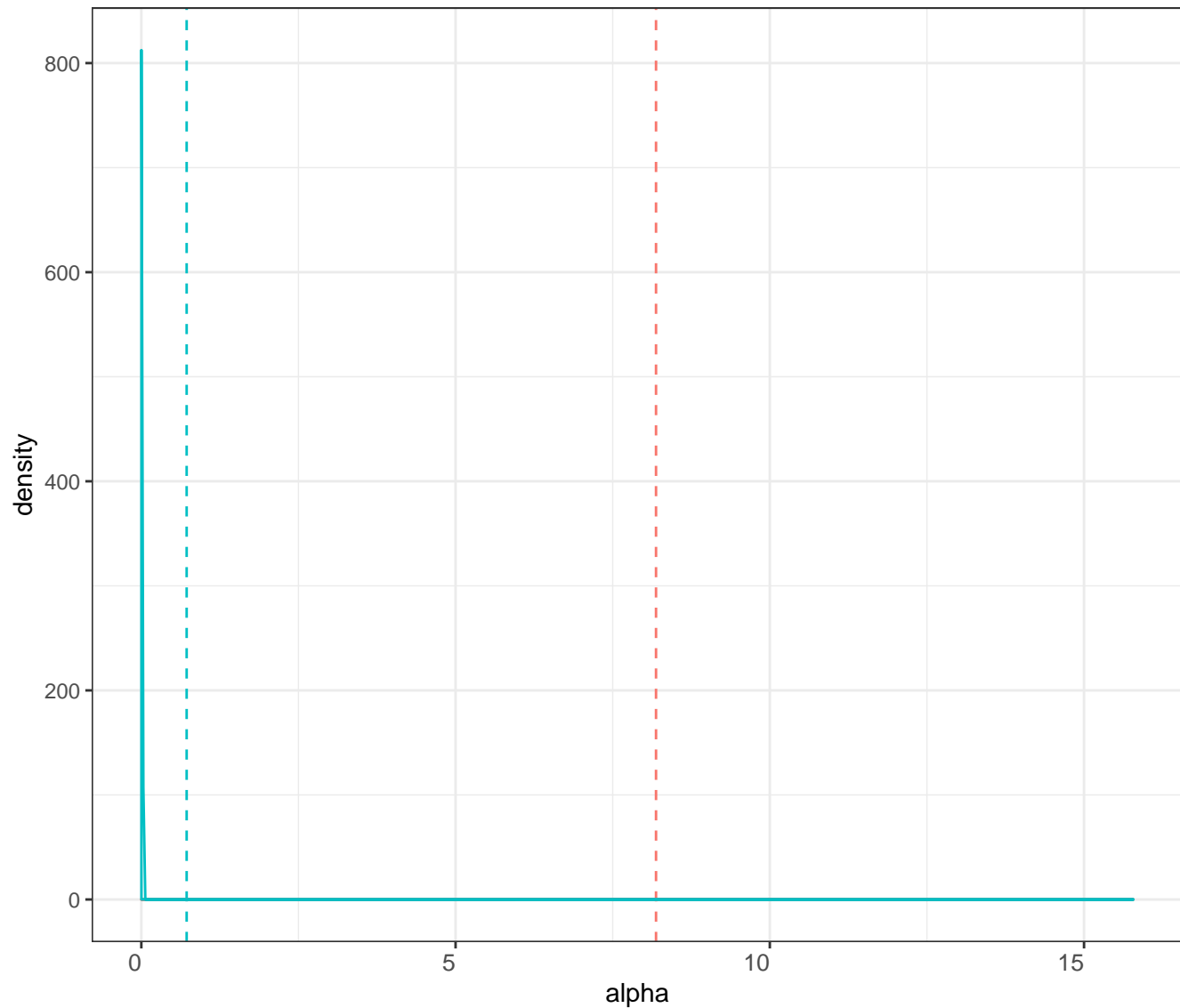
Trace plot for the number of groups K for S=80 r=5 true K=4 type=1

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

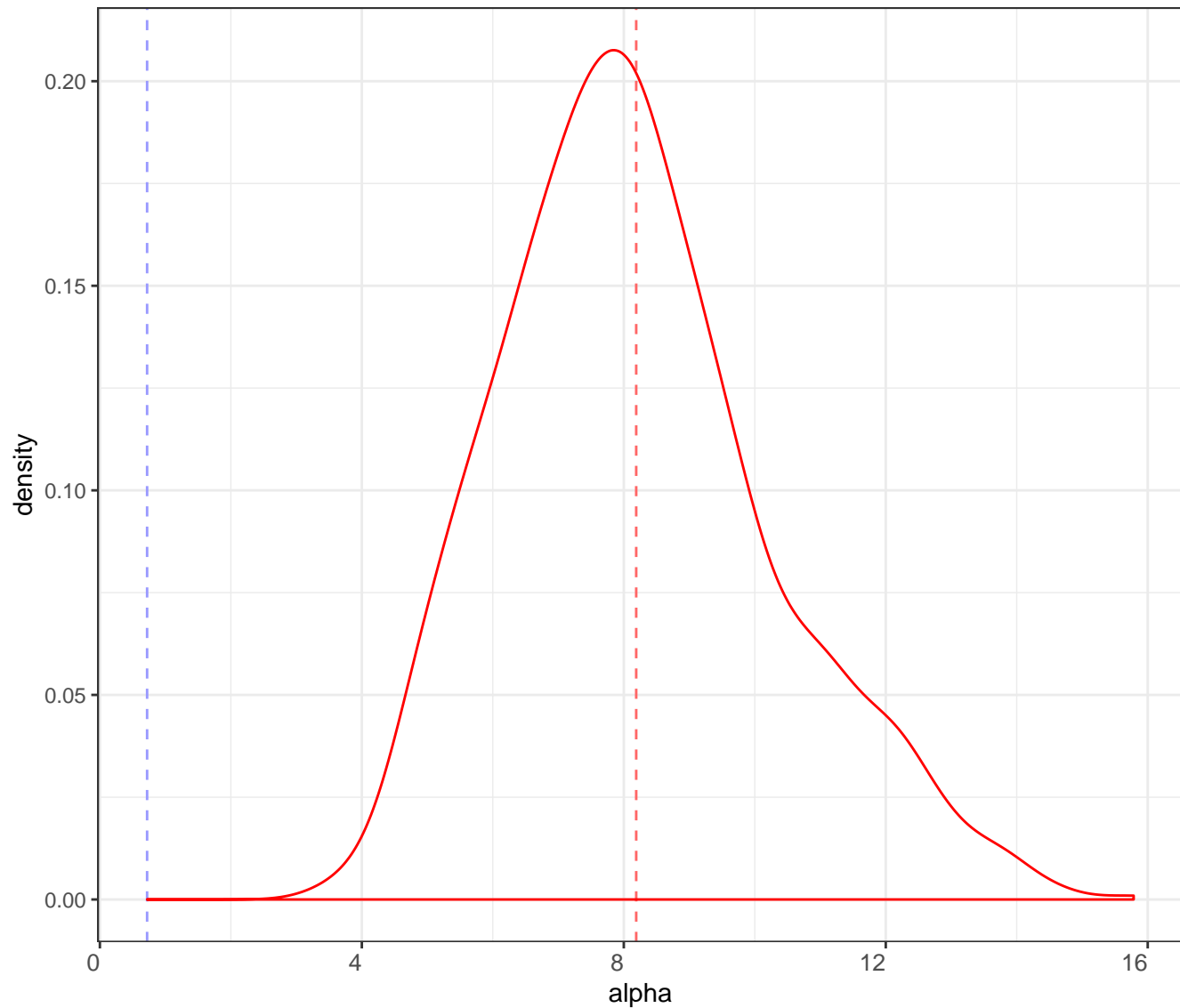Distribution alpha: S=80 ,r=5 true gr K=4 ,type=1 ,N=150

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

Posterior distribution for alpha
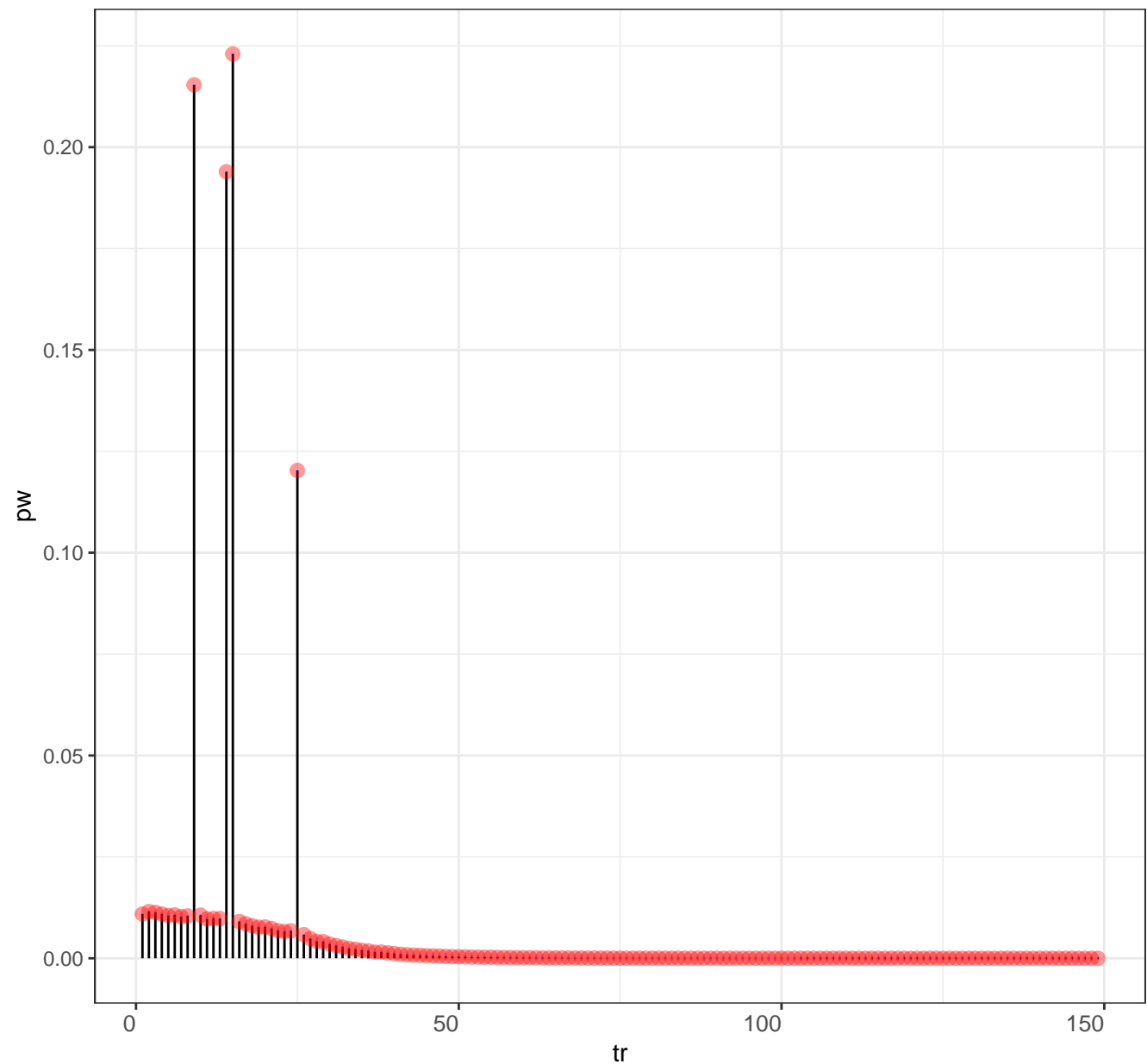
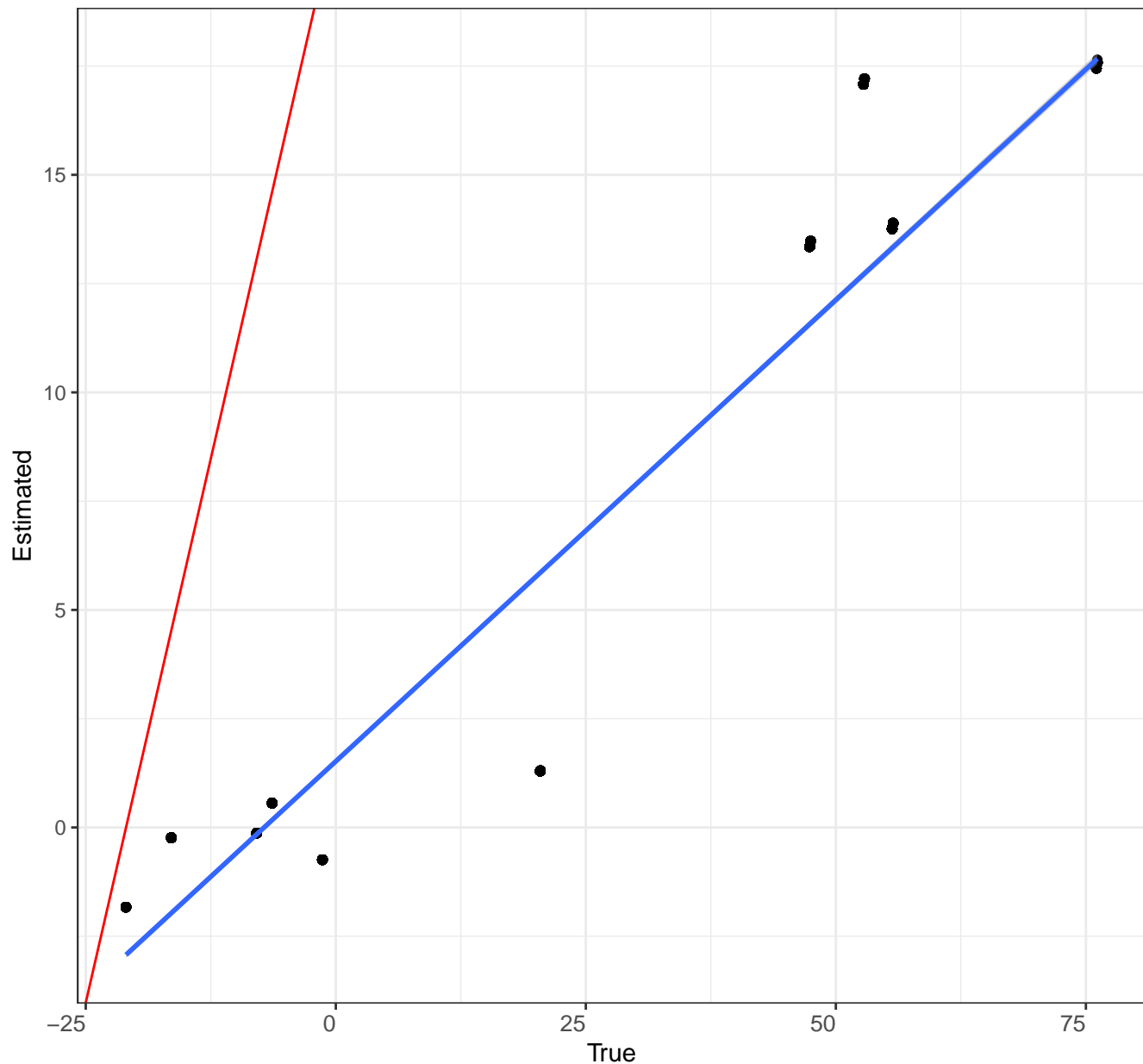Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=5 true gr K=4 ,type=1 ,N=150

Weights for the case: S=80 ,r=5 true gr K=4 ,type=1 ,N=150 pN=0

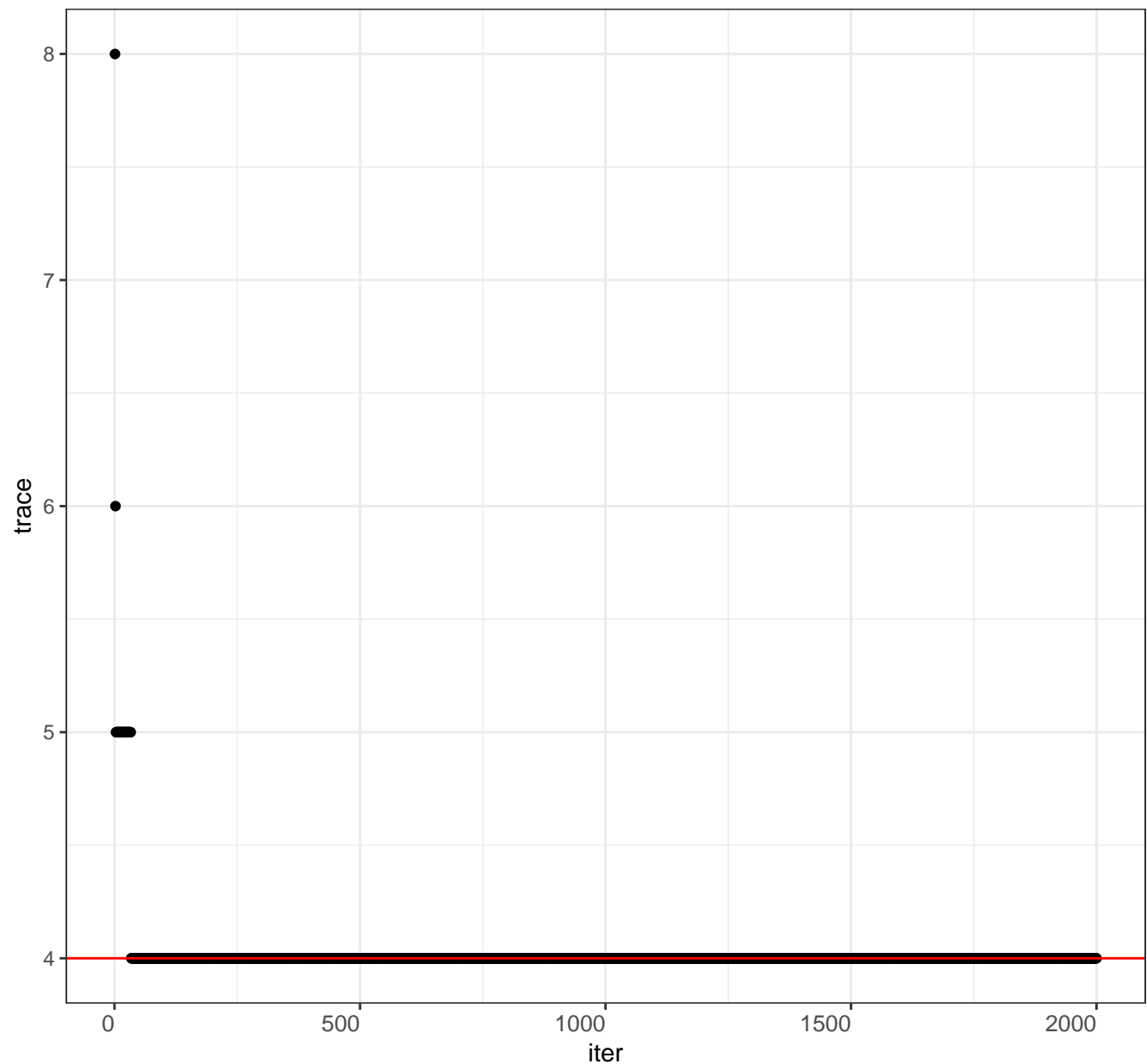Number of iterations: 2000 burnin: 1000 number of samples: 500
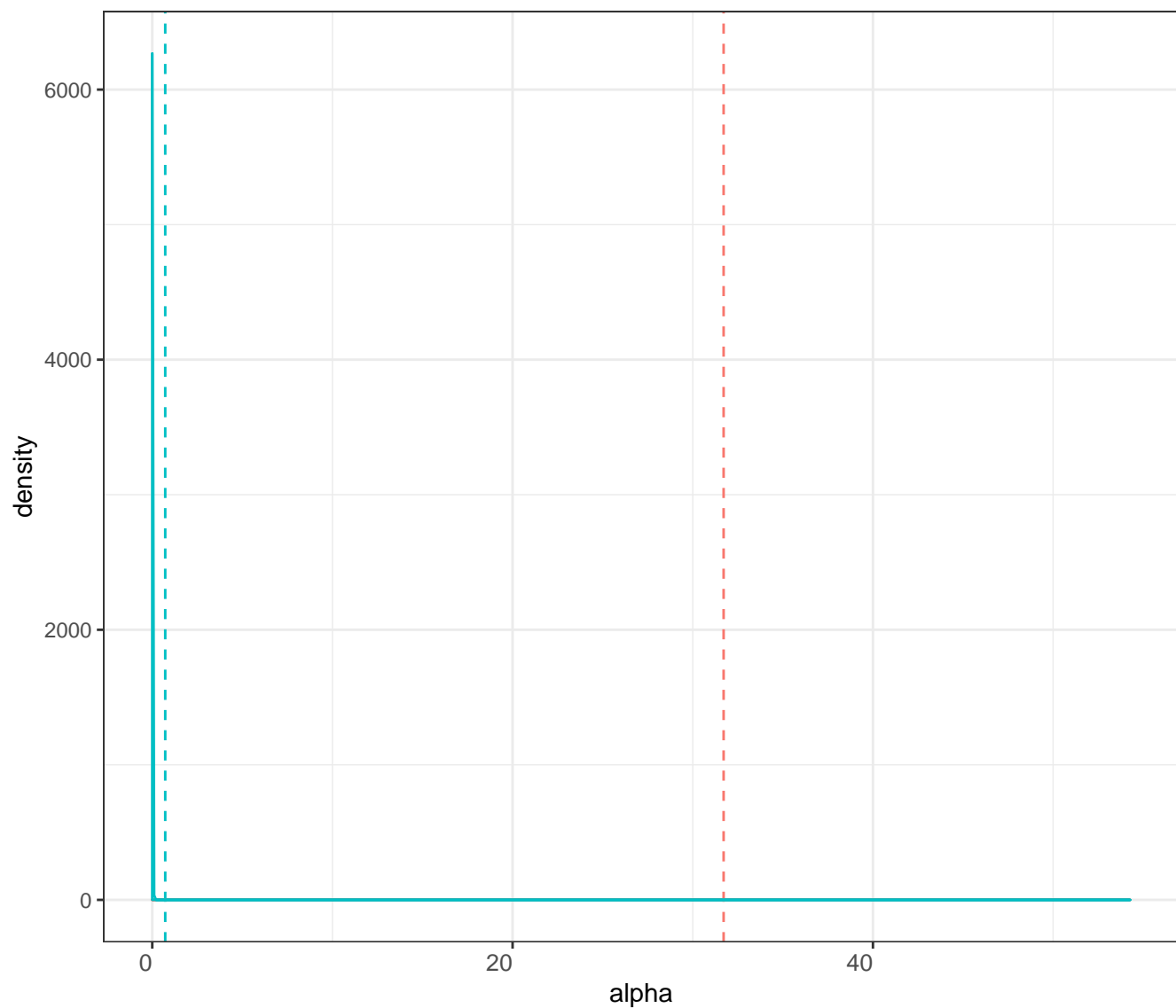
True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=80 r=5 true K=4 type=1

Trace plot for the number of groups K for S=80 r=5 true K=4 type=1

Number of iterations: 2000 burnin: 1000number of samples: 500
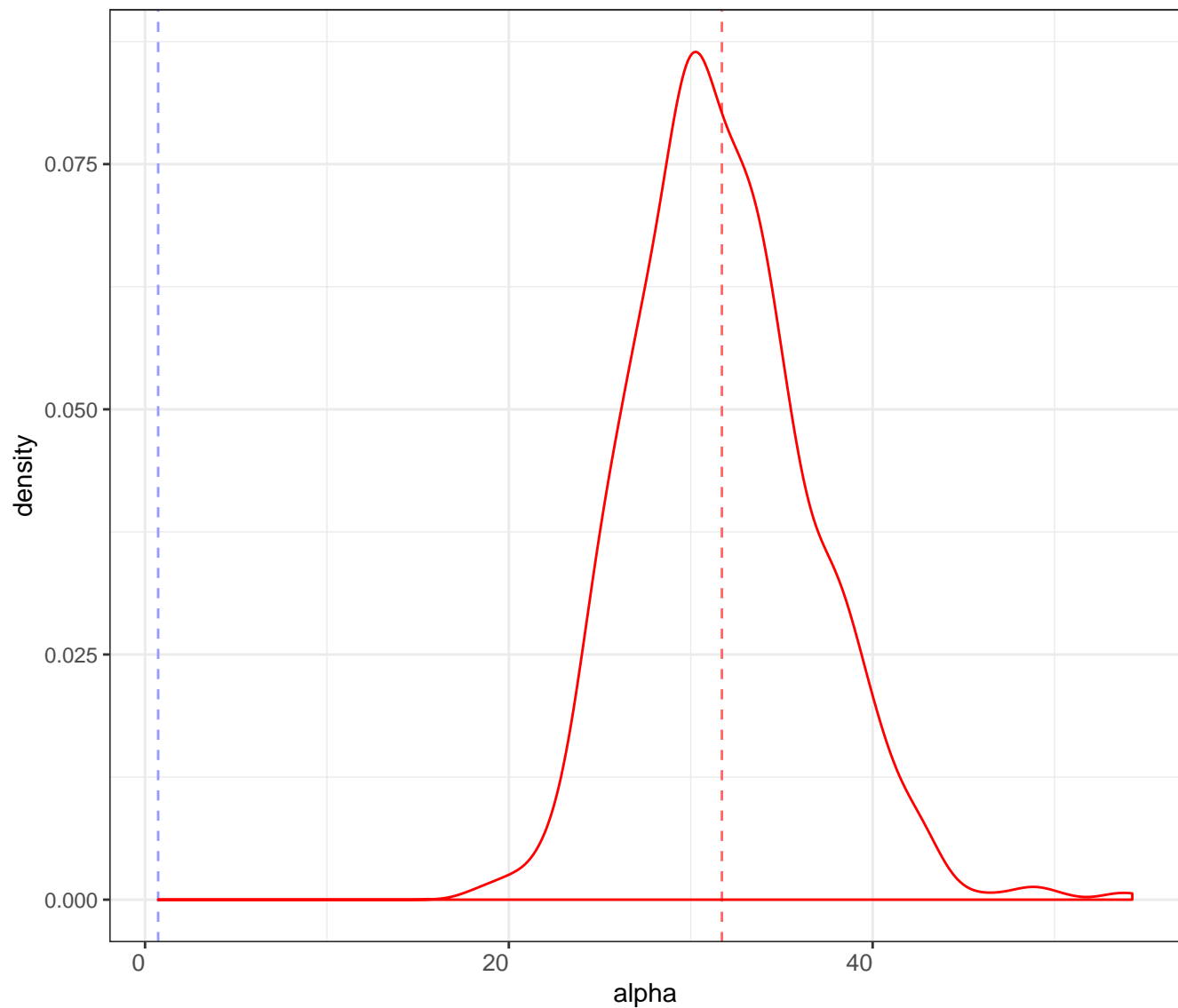
Distribution alpha: S=80 ,r=5 true gr K=4 ,type=1 ,N=150

type ┊ posterior ┊ prior

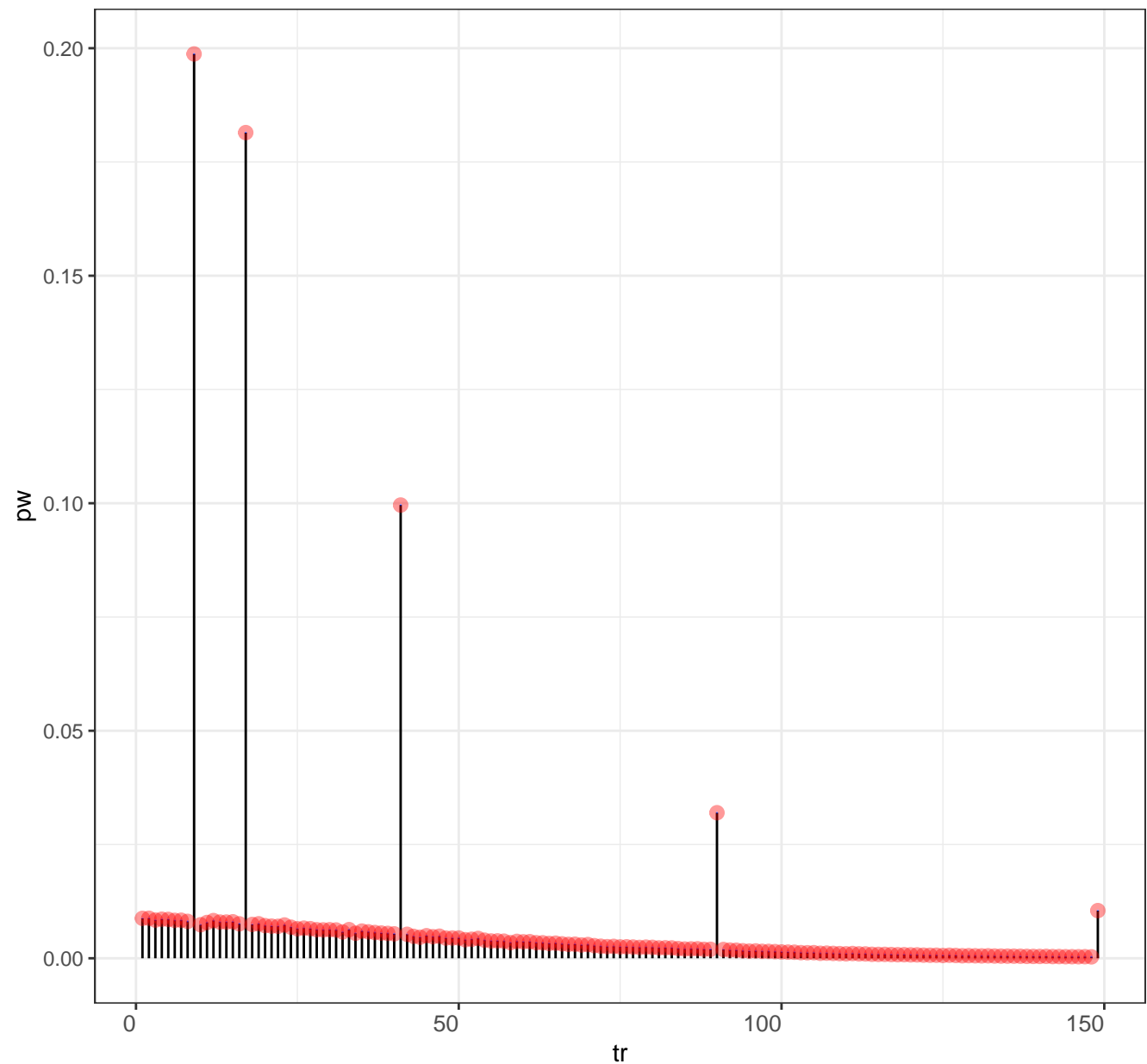Number of iterations: 2000 burnin: 1000 number of samples: 500
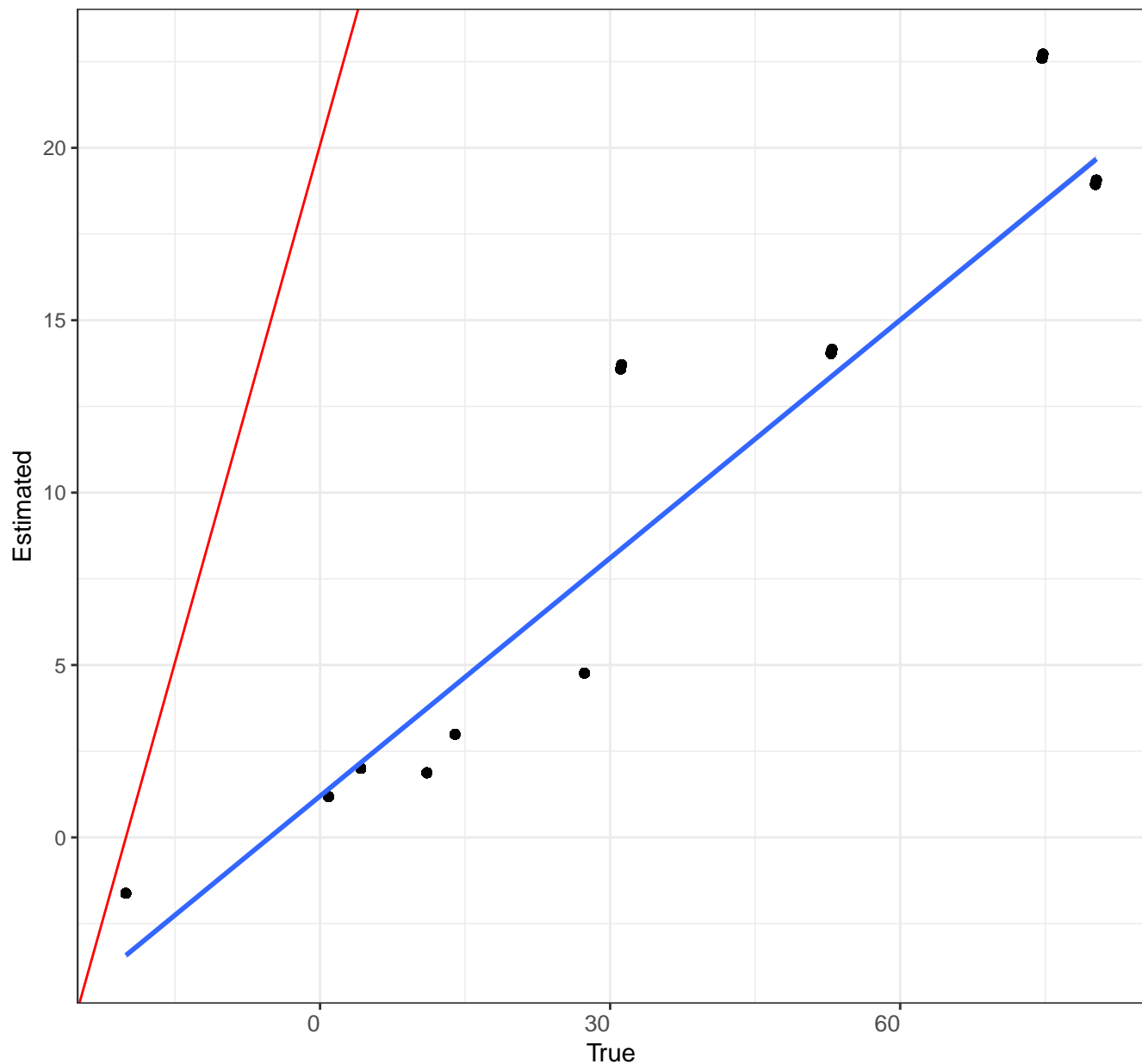
Posterior distribution for alpha

Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=5 true gr K=4 ,type=1 ,N=150

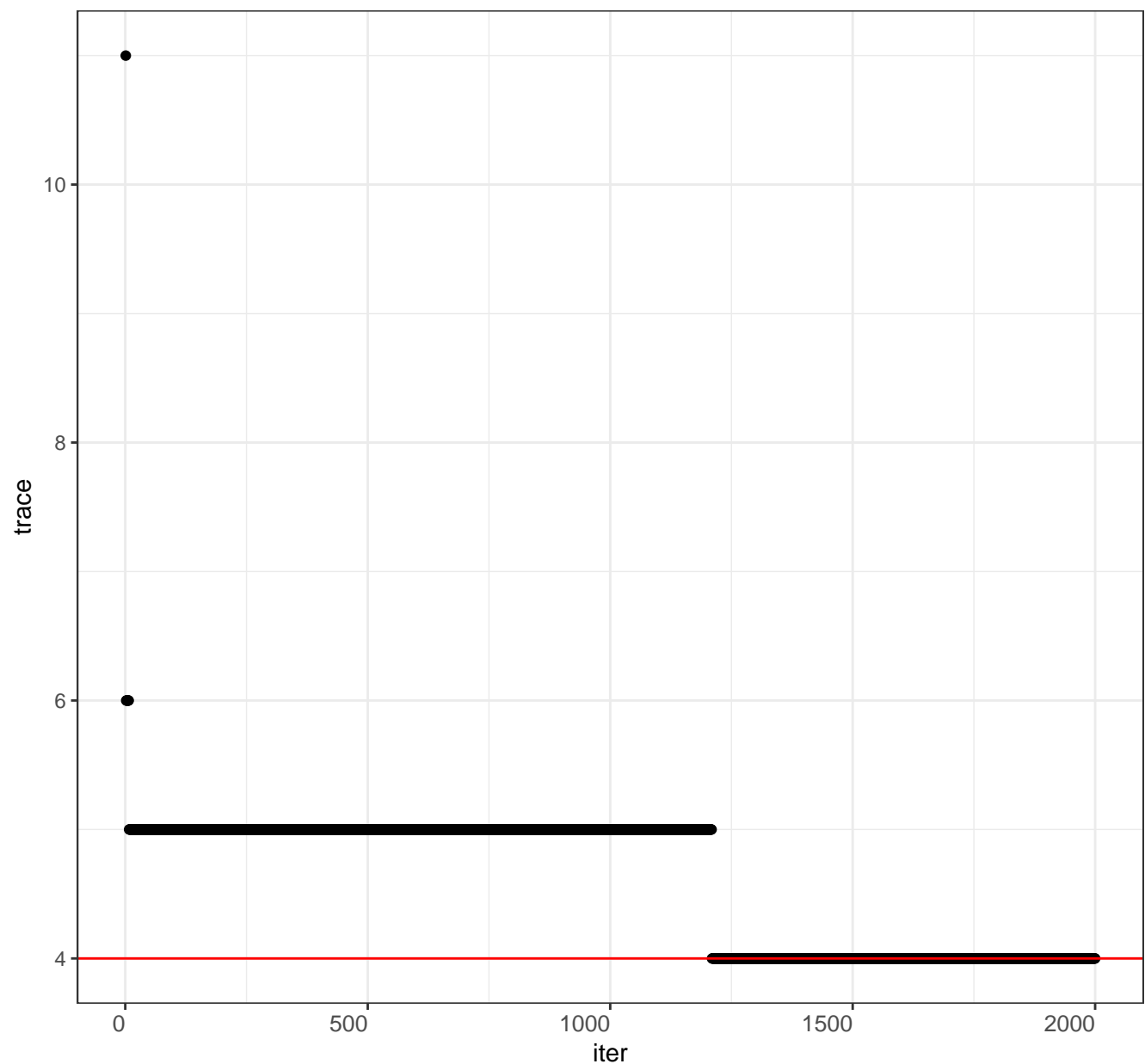Weights for the case: S=80 ,r=5 true gr K=4 ,type=1 ,N=150 pN=0.01

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

True vs estimated covariance parameters

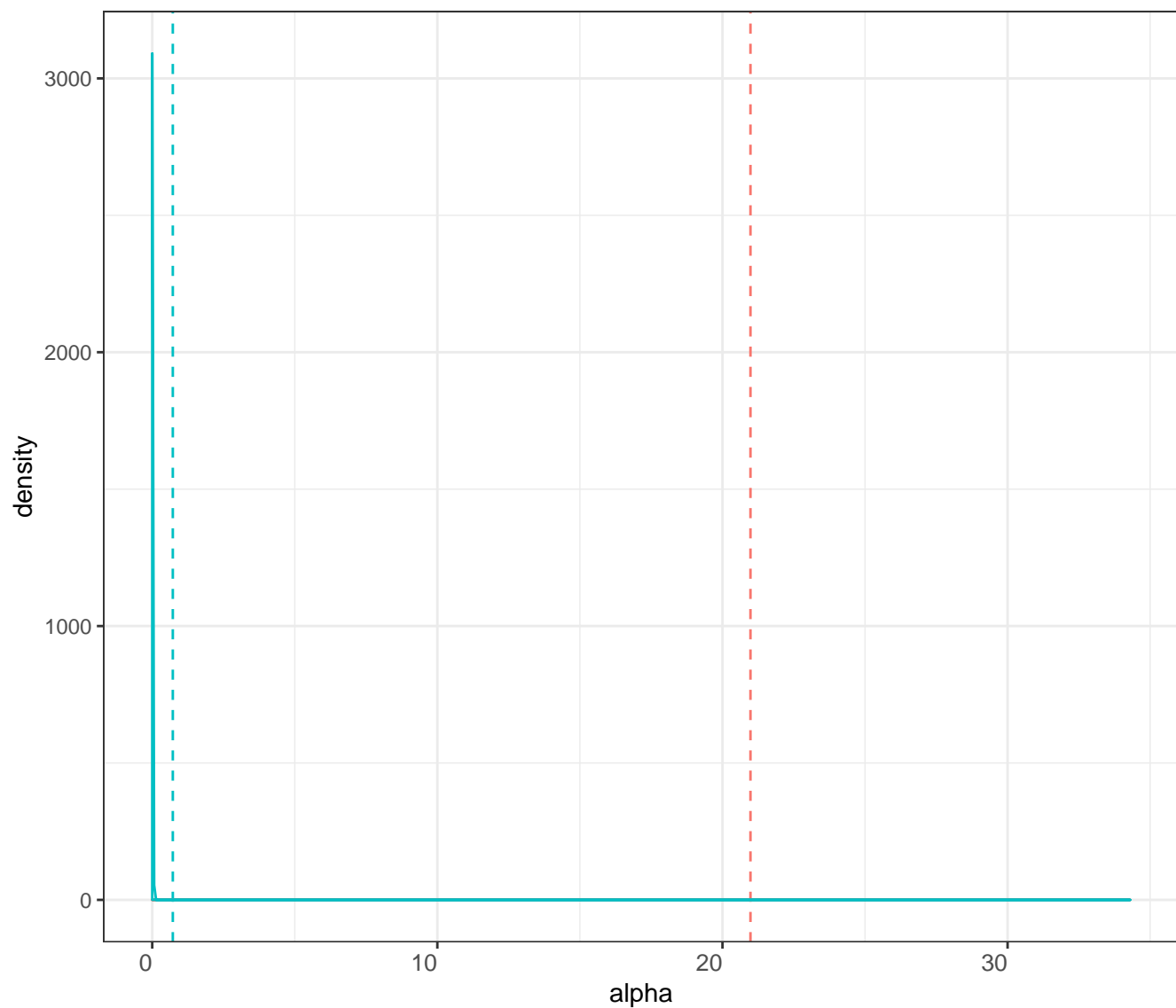Number of iterations: 2000 burnin: 1000number of samples: 500S=80 r=5 true K=4 type=1

Trace plot for the number of groups K for S=80 r=10 true K=4 type=1

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

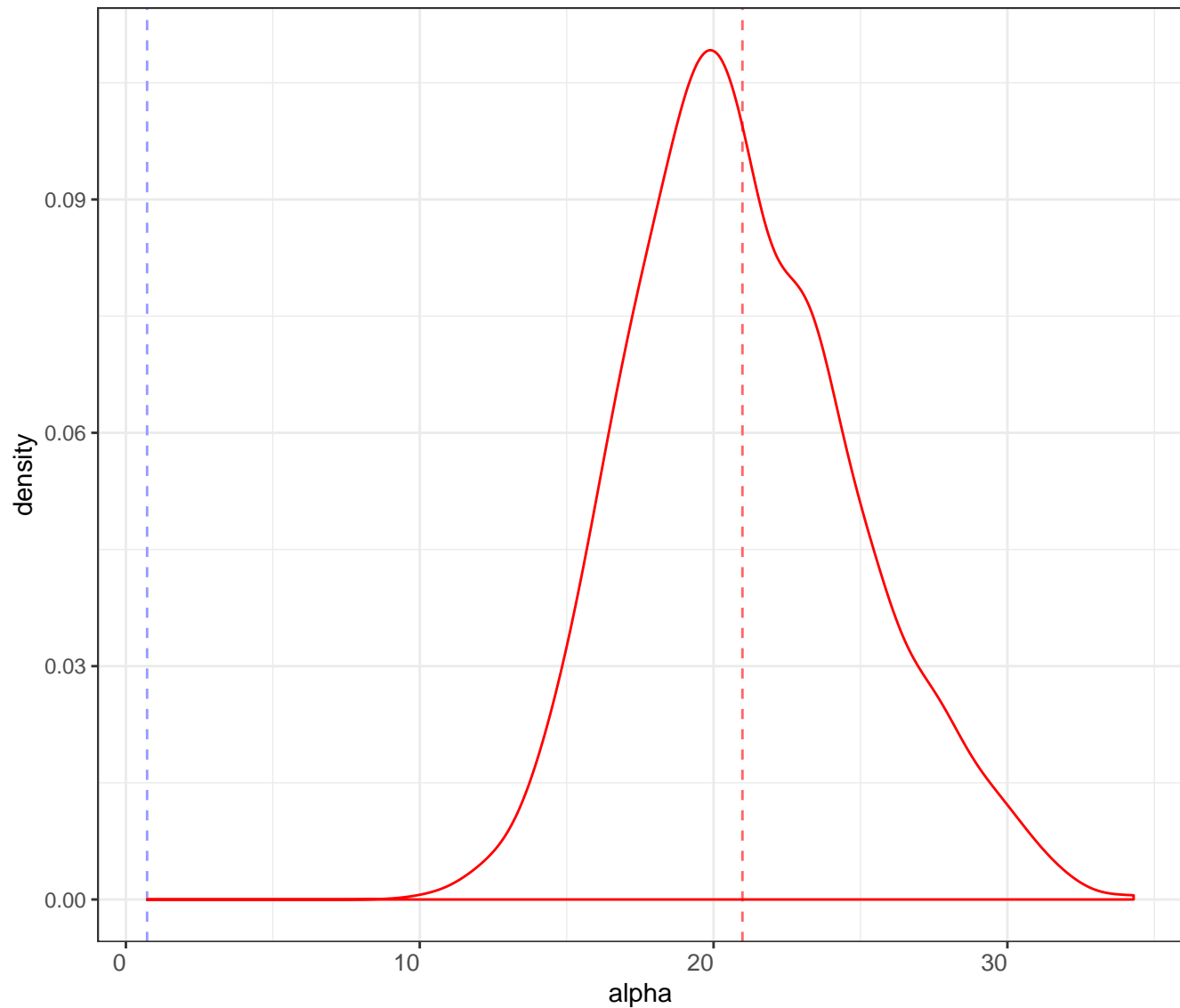Distribution alpha: S=80 ,r=10 true gr K=4 ,type=1 ,N=150

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

Posterior distribution for alpha
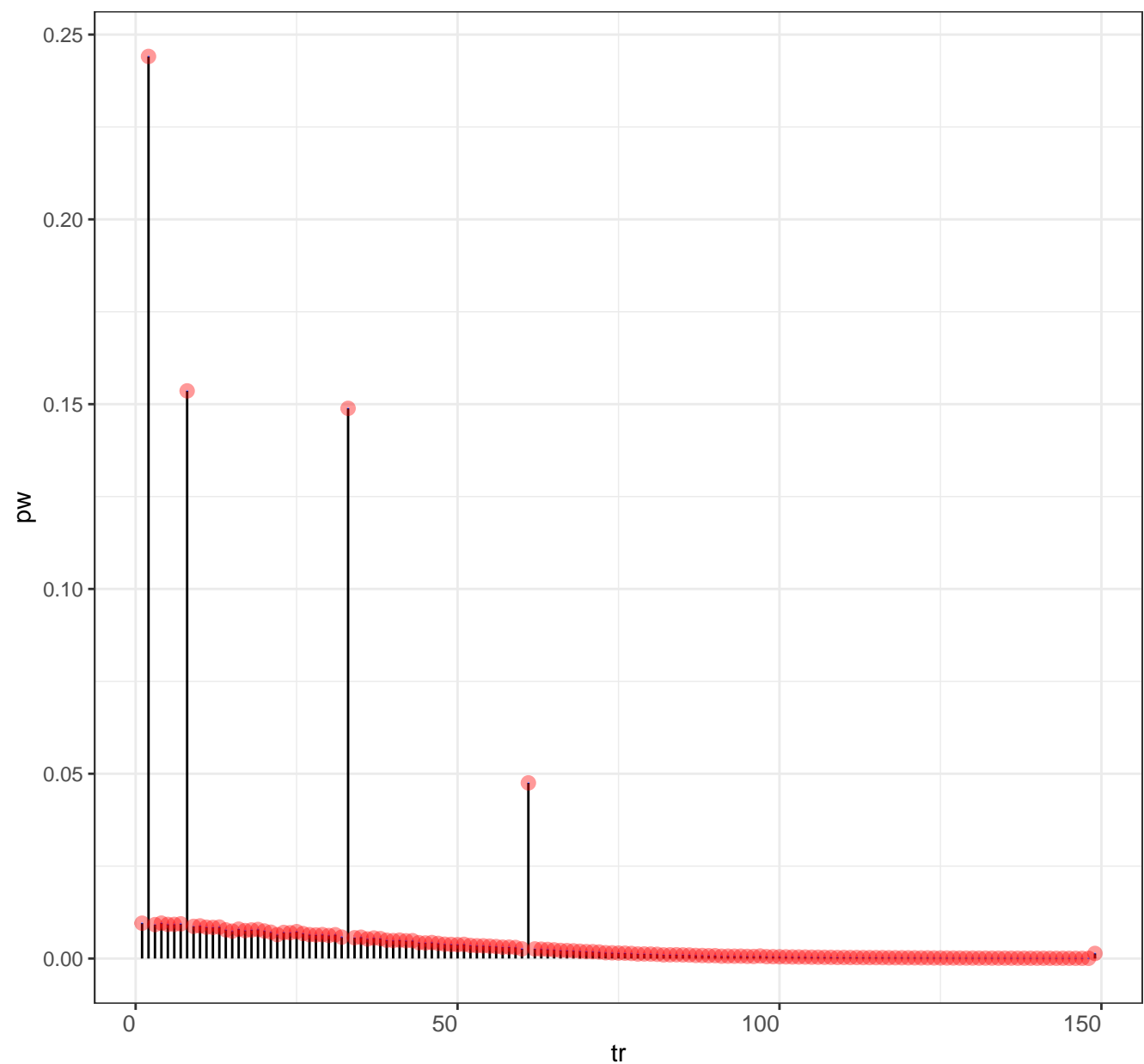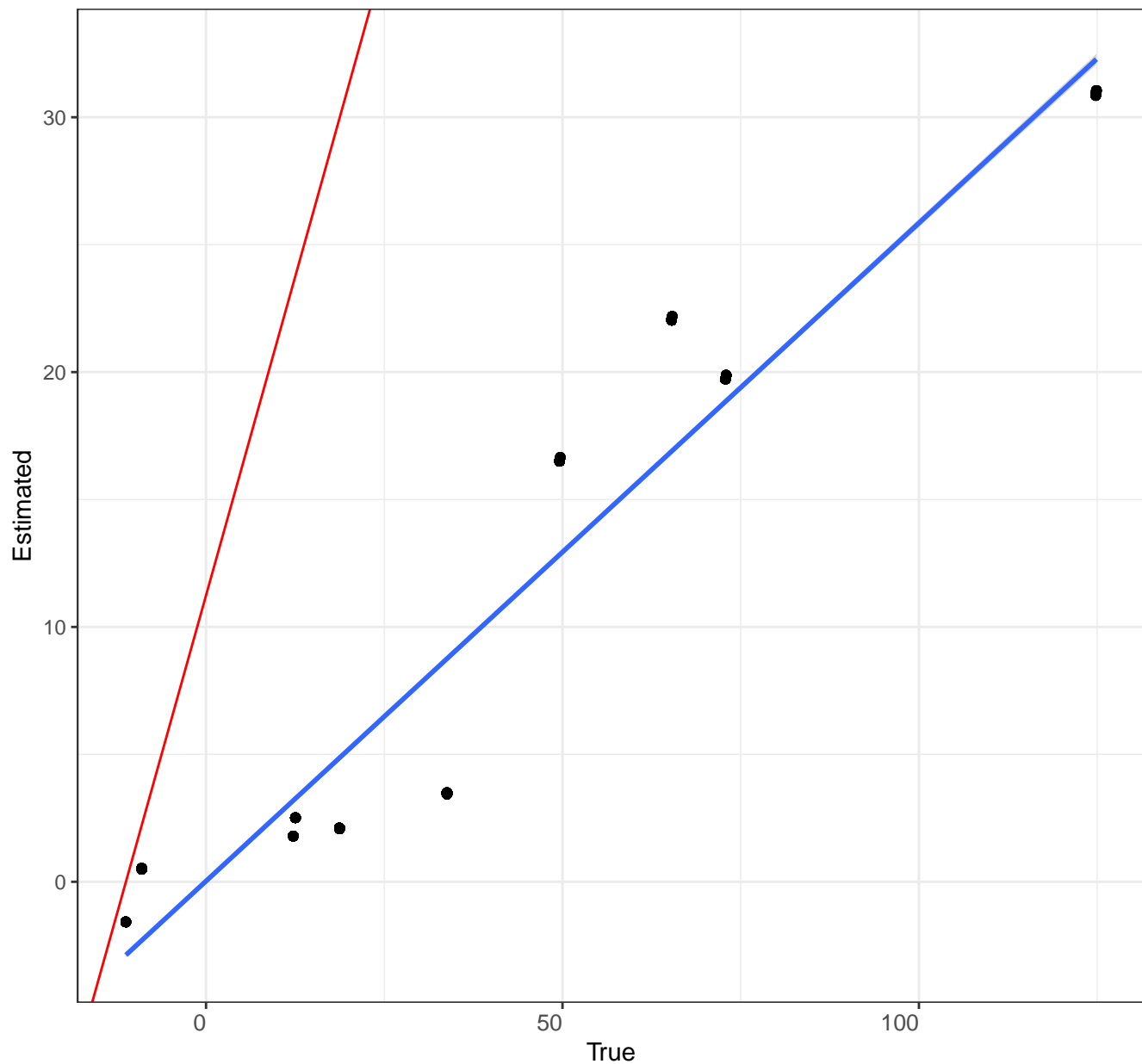
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=10 true gr K=4 ,type=1 ,N=150

Weights for the case: S=80 ,r=10 true gr K=4 ,type=1 ,N=150 pN=0.001
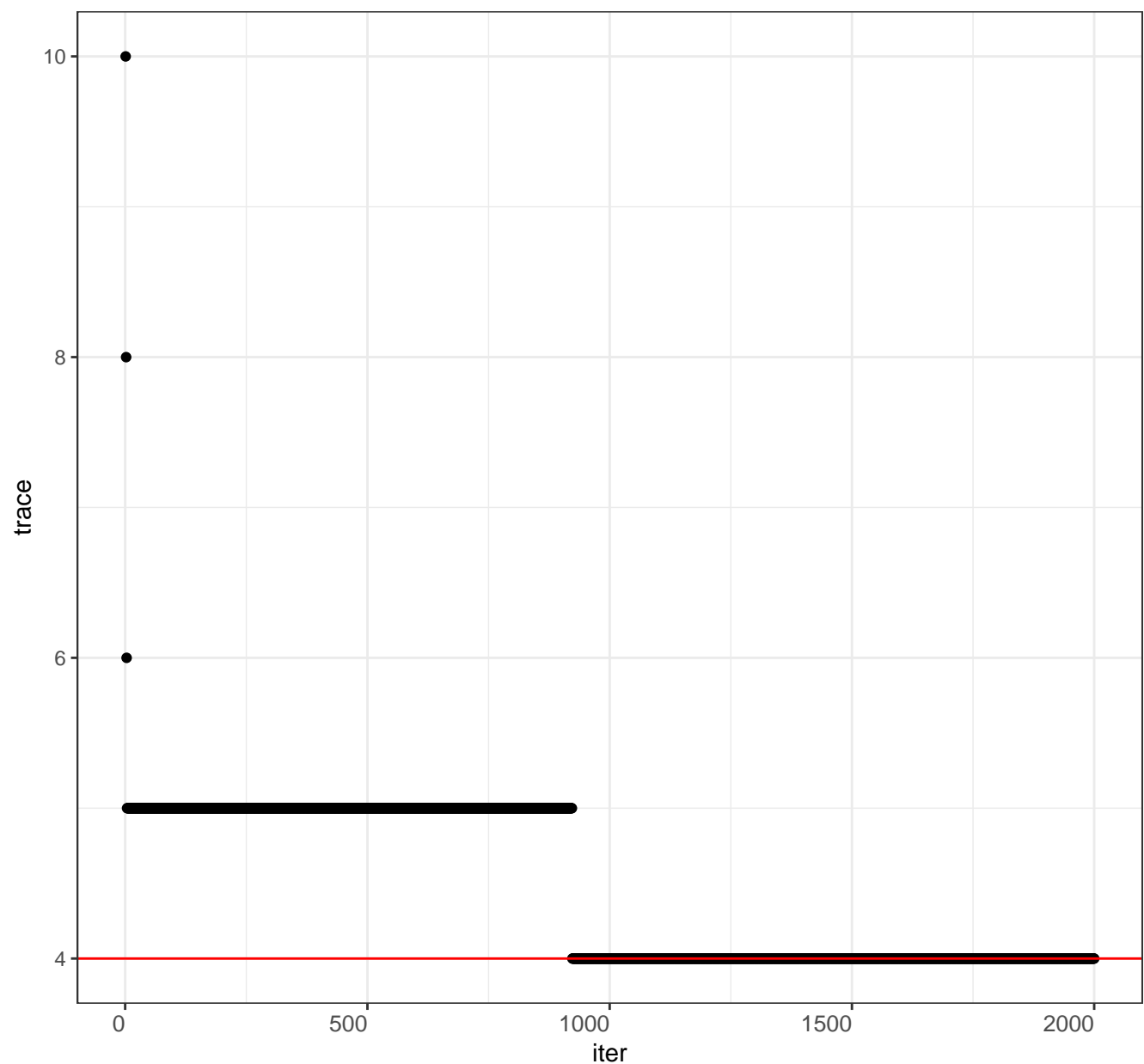
Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=80 r=10 true K=4 type=1

Trace plot for the number of groups K for S=80 r=10 true K=4 type=1

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

Distribution alpha: S=80 ,r=10 true gr K=4 ,type=1 ,N=150

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=1 ,N=150

Weights for the case: S=80 ,r=10 true gr K=4 ,type=1 ,N=150 pN=0

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

True vs estimated covariance parameters

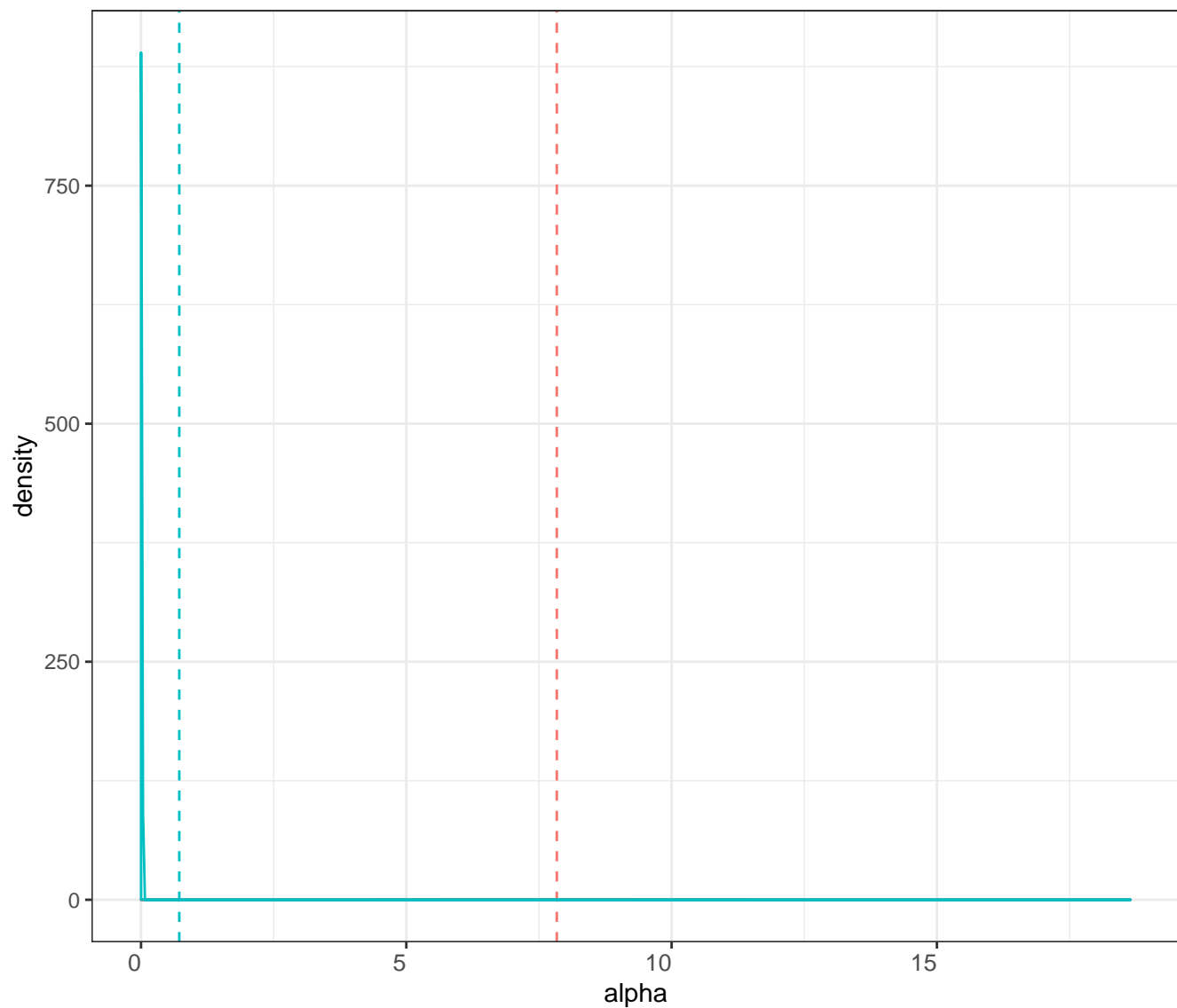Number of iterations: 2000 burnin: 1000number of samples: 500S=80 r=10 true K=4 type=1

Trace plot for the number of groups K for S=80 r=10 true K=4 type=1

Number of iterations: 2000 burnin: 1000number of samples: 500
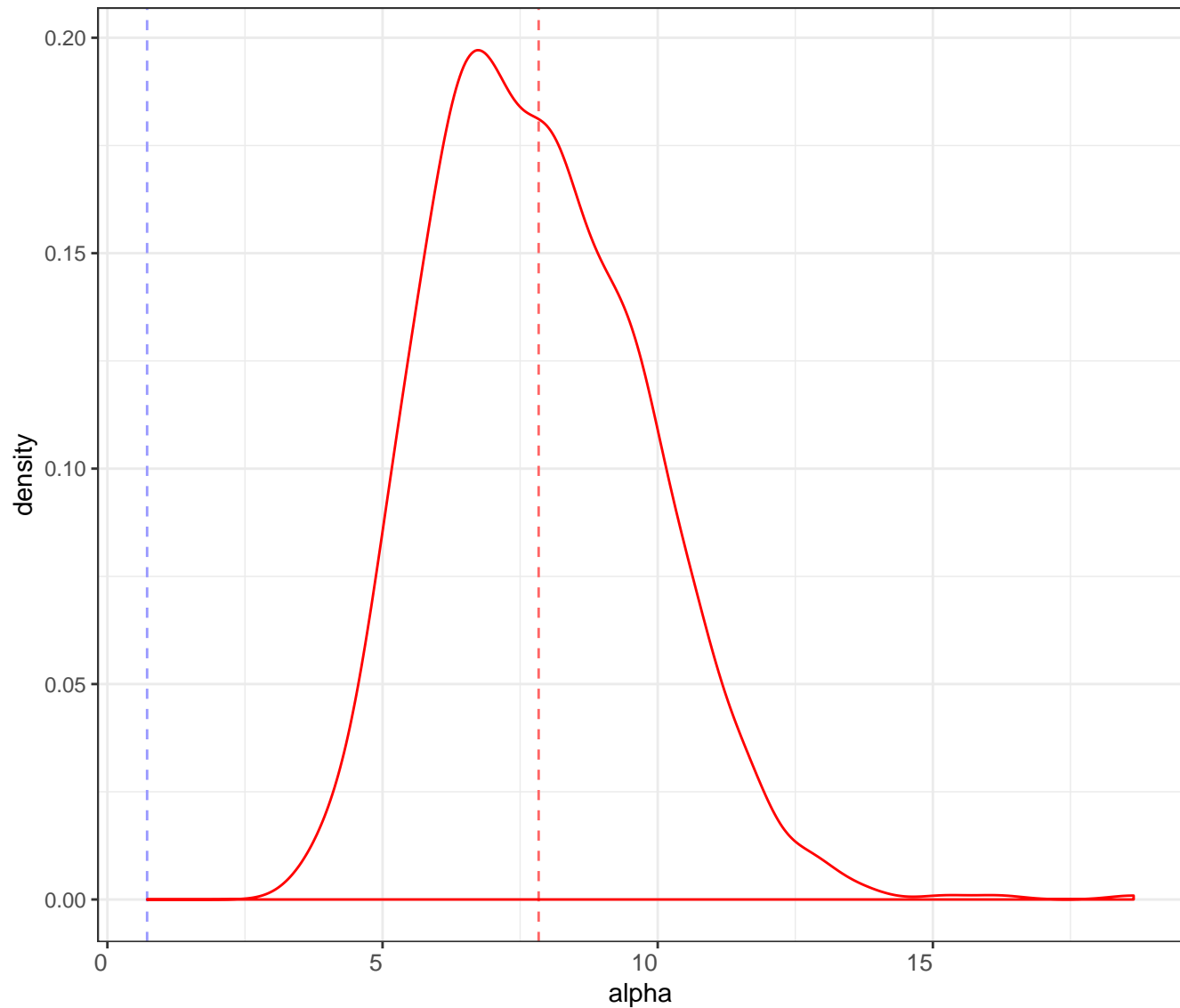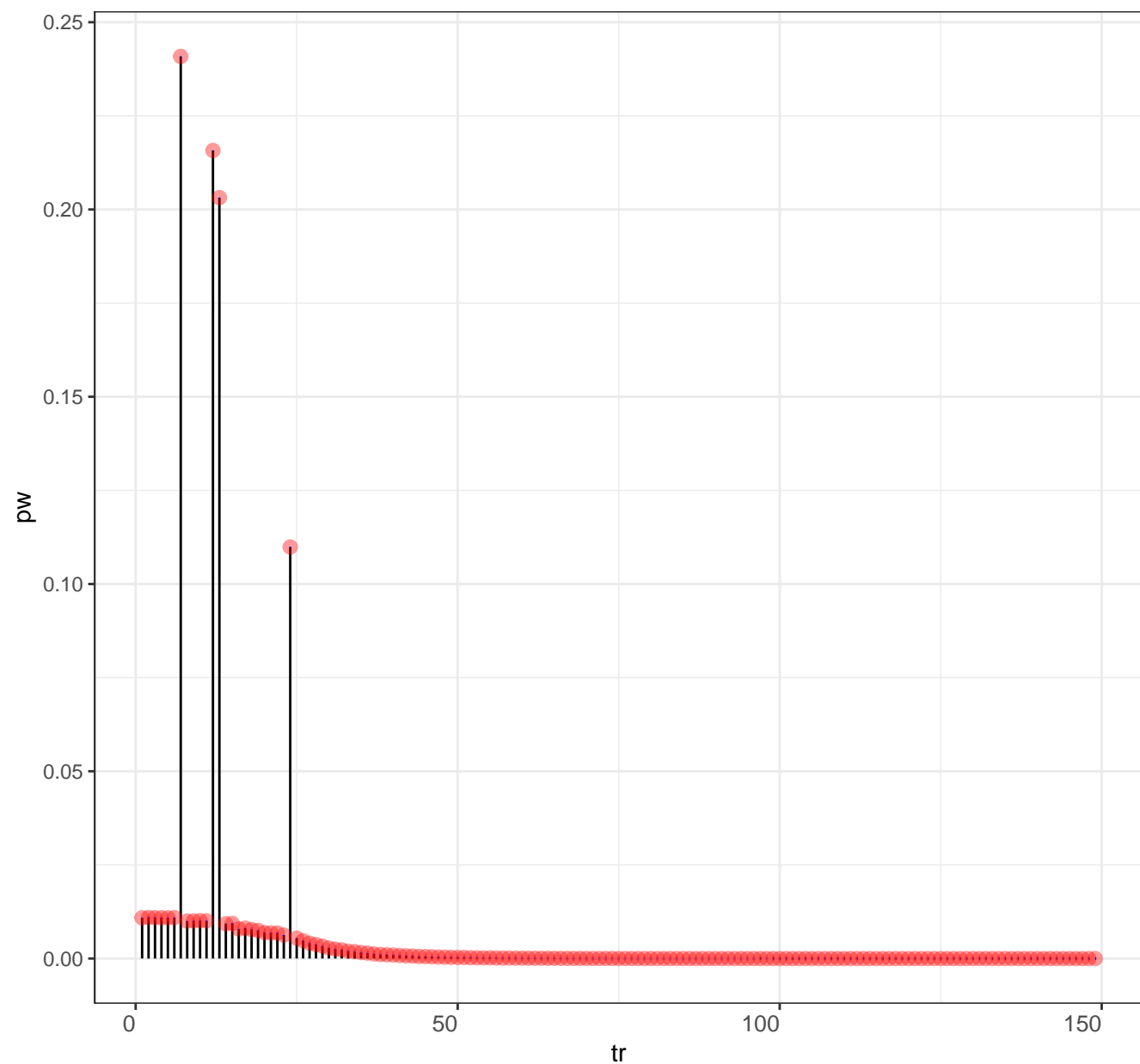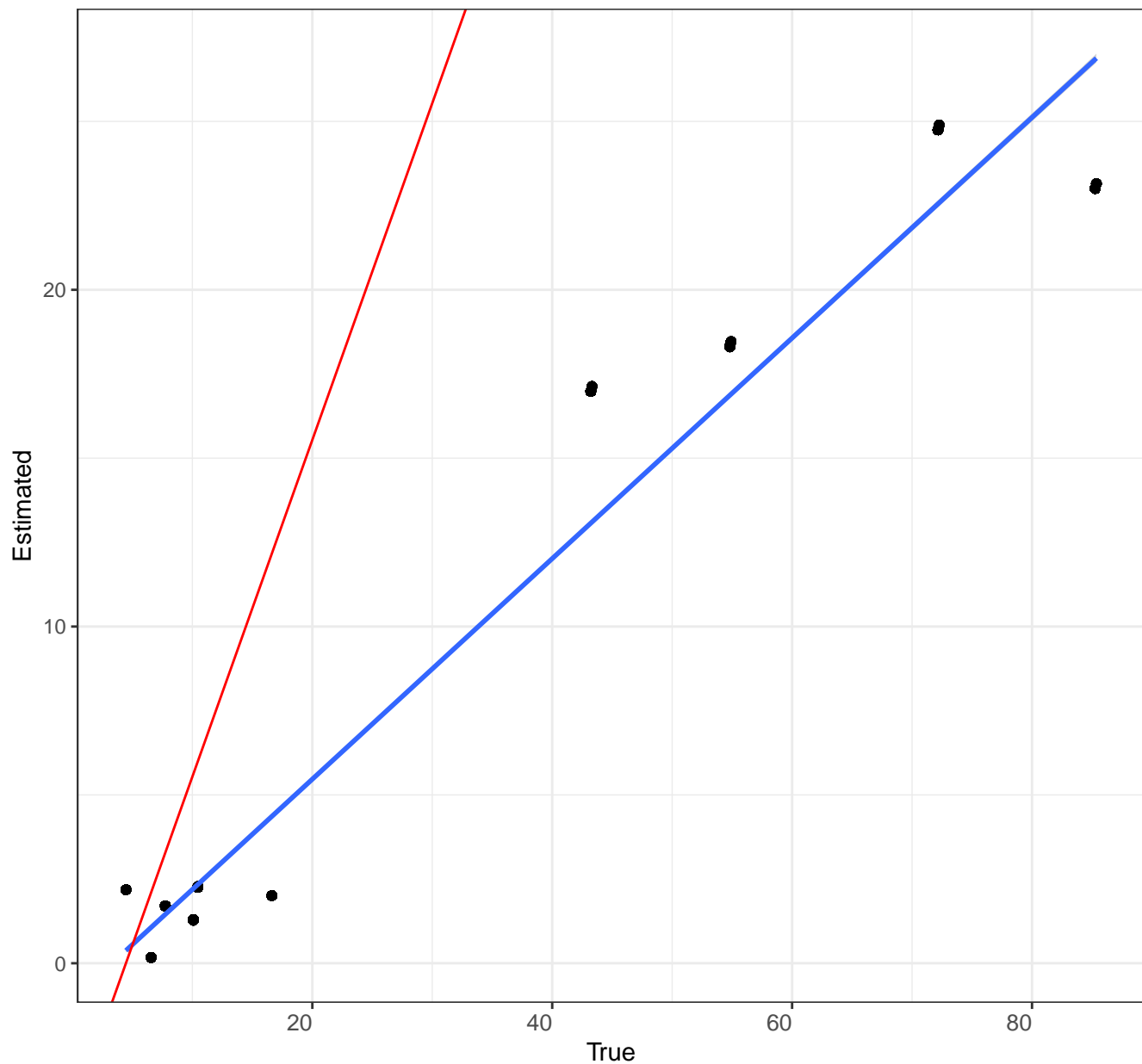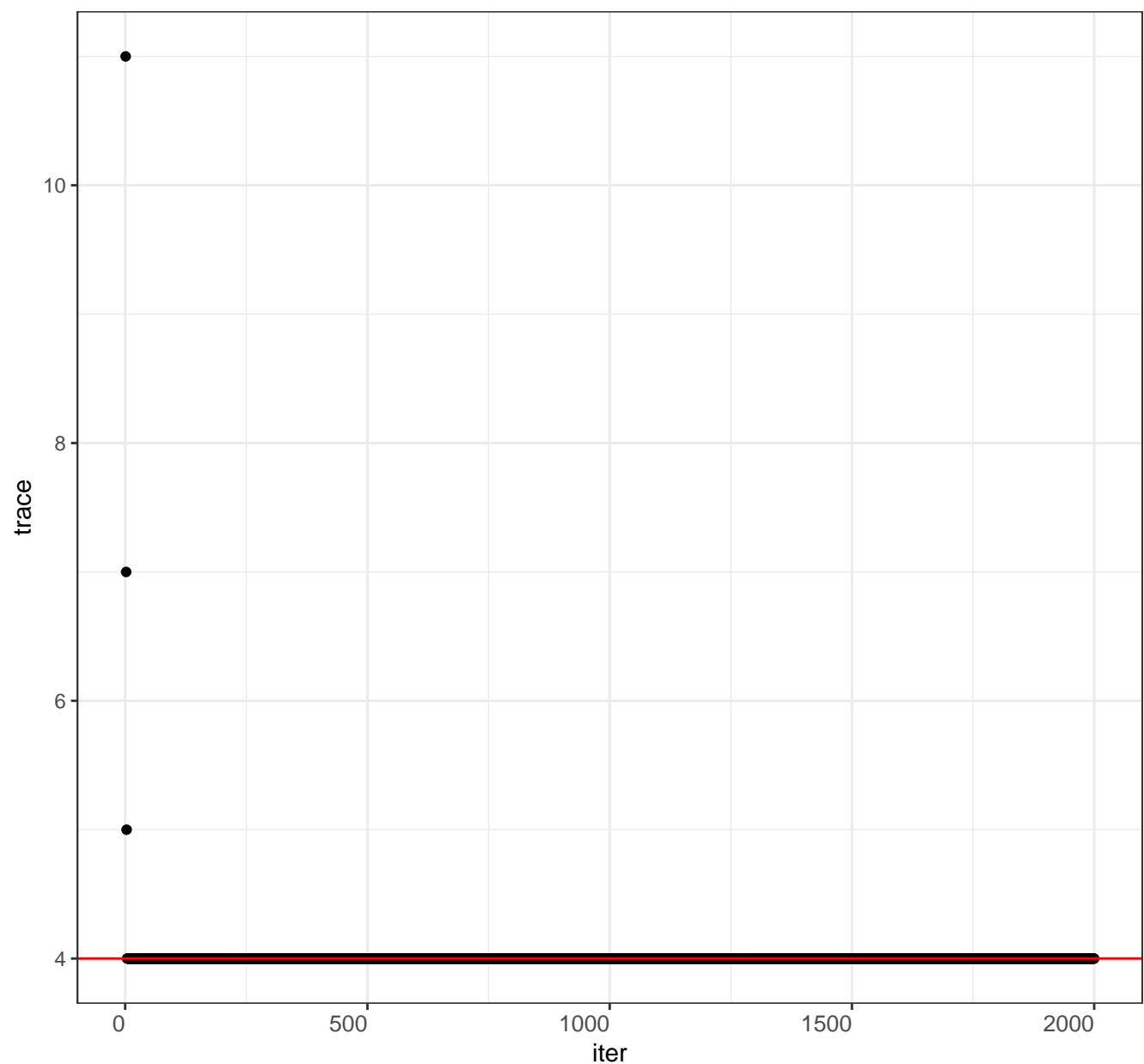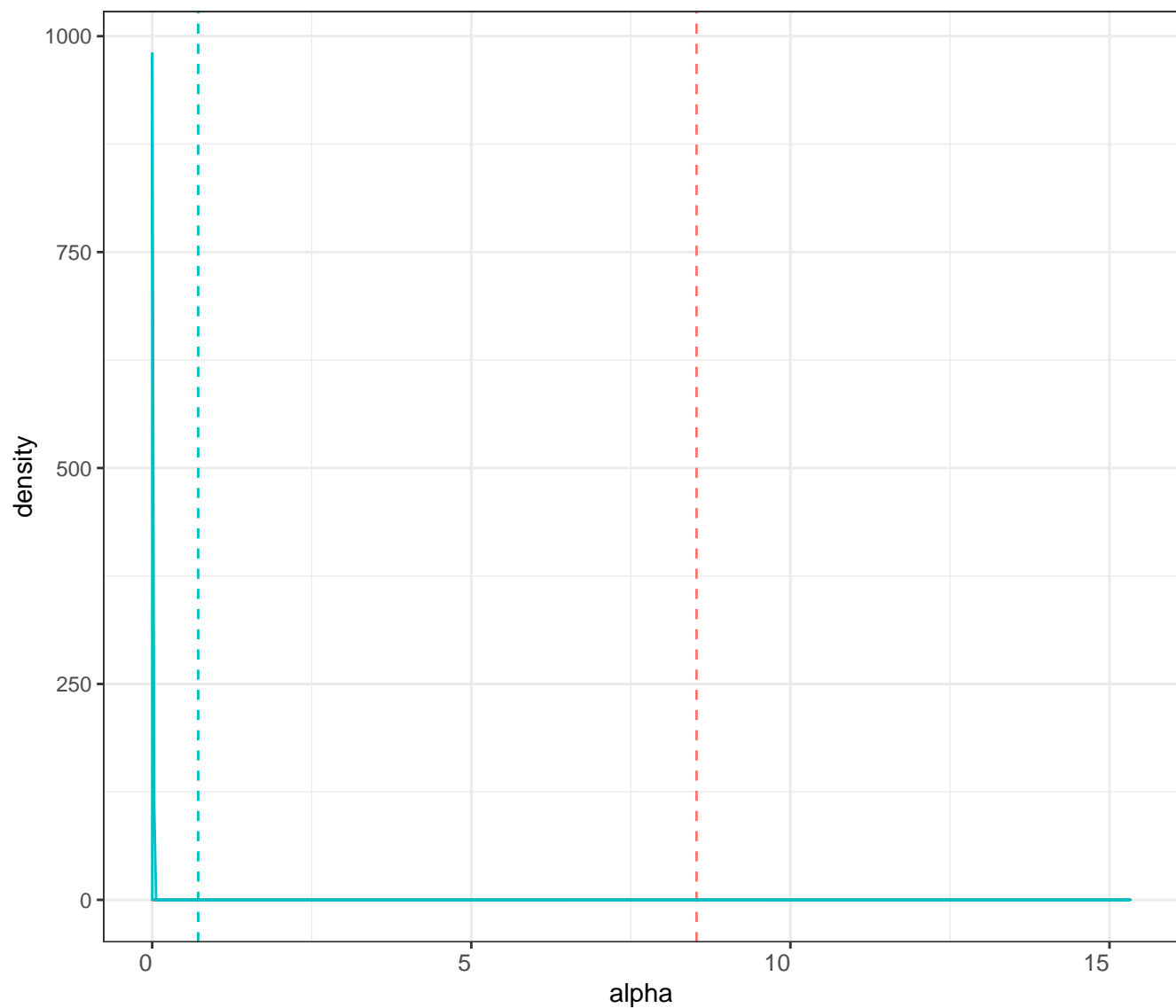
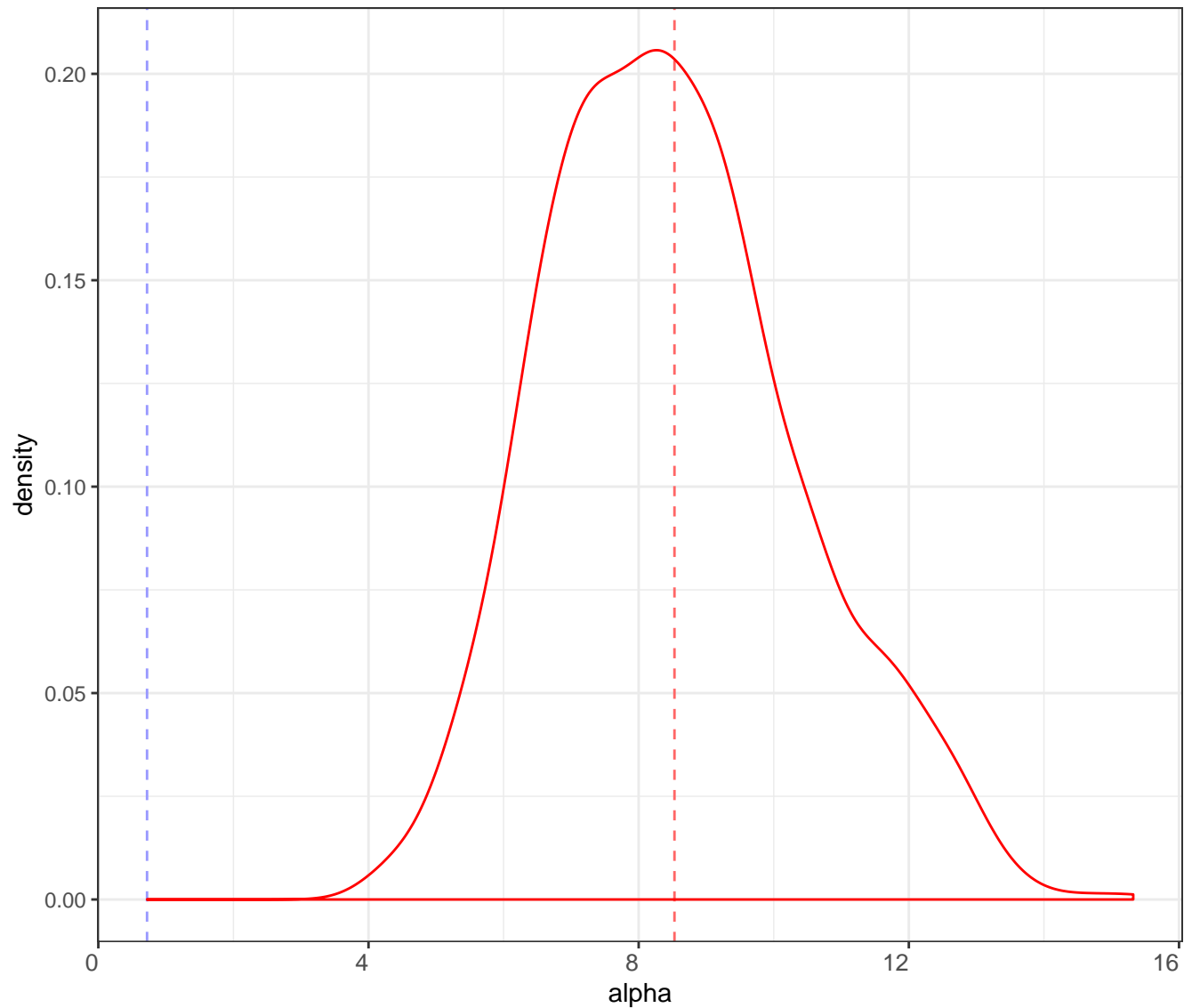Distribution alpha: S=80 ,r=10 true gr K=4 ,type=1 ,N=150

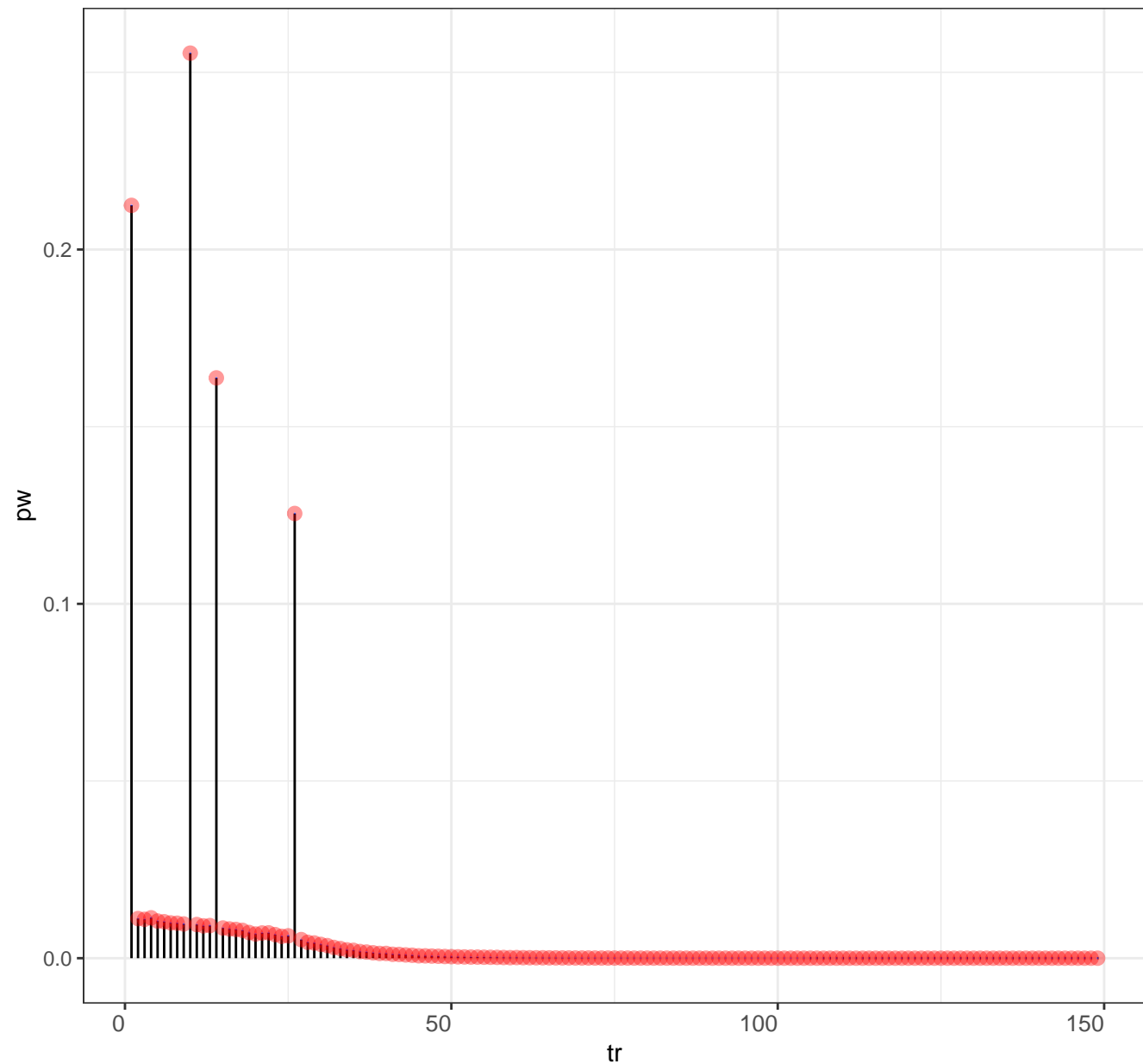Number of iterations: 2000 burnin: 1000 number of samples: 500

Posterior distribution for alpha

Legend   posterior mean   prior mean
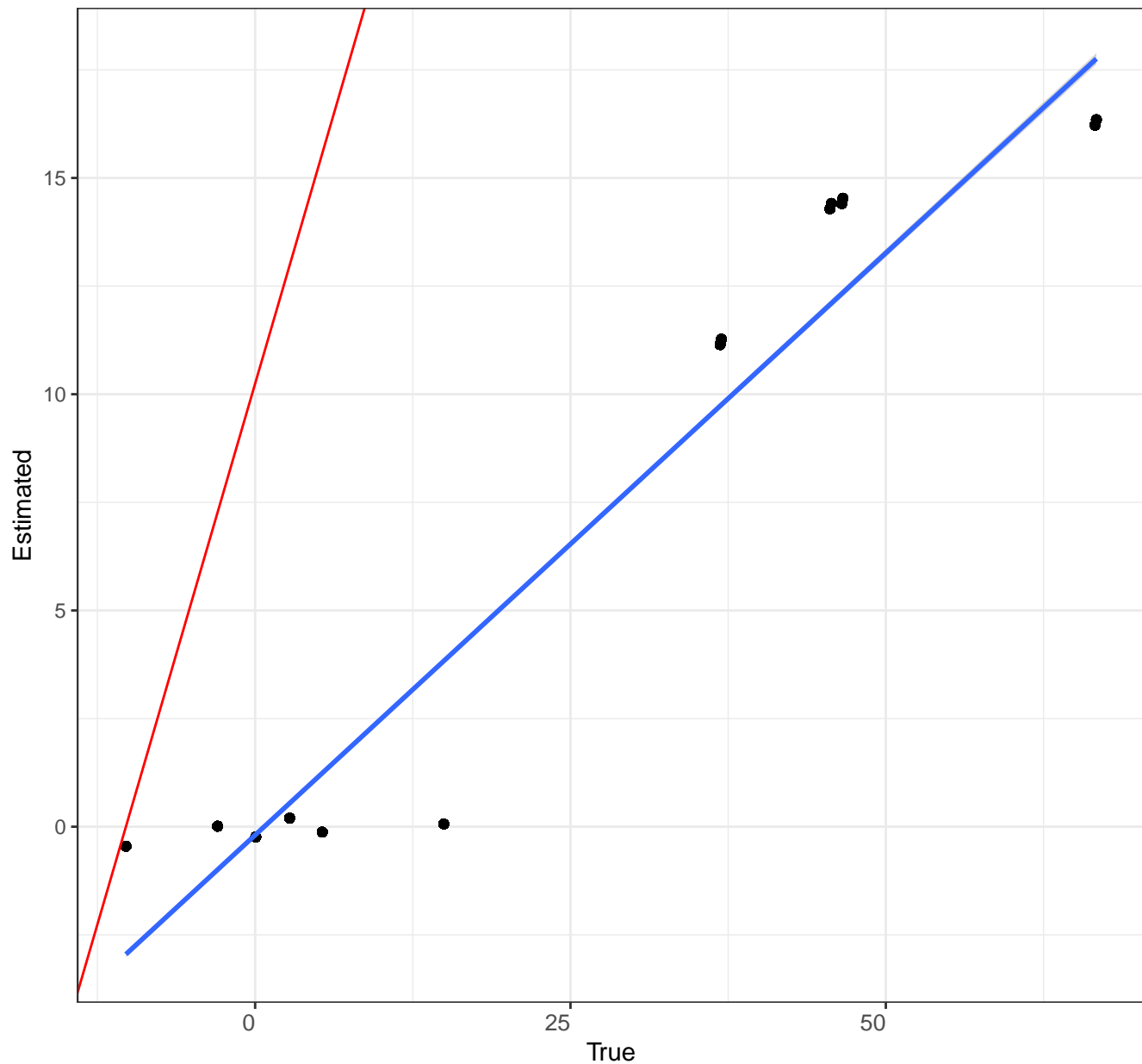
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=10 true gr K=4 ,type=1 ,N=150

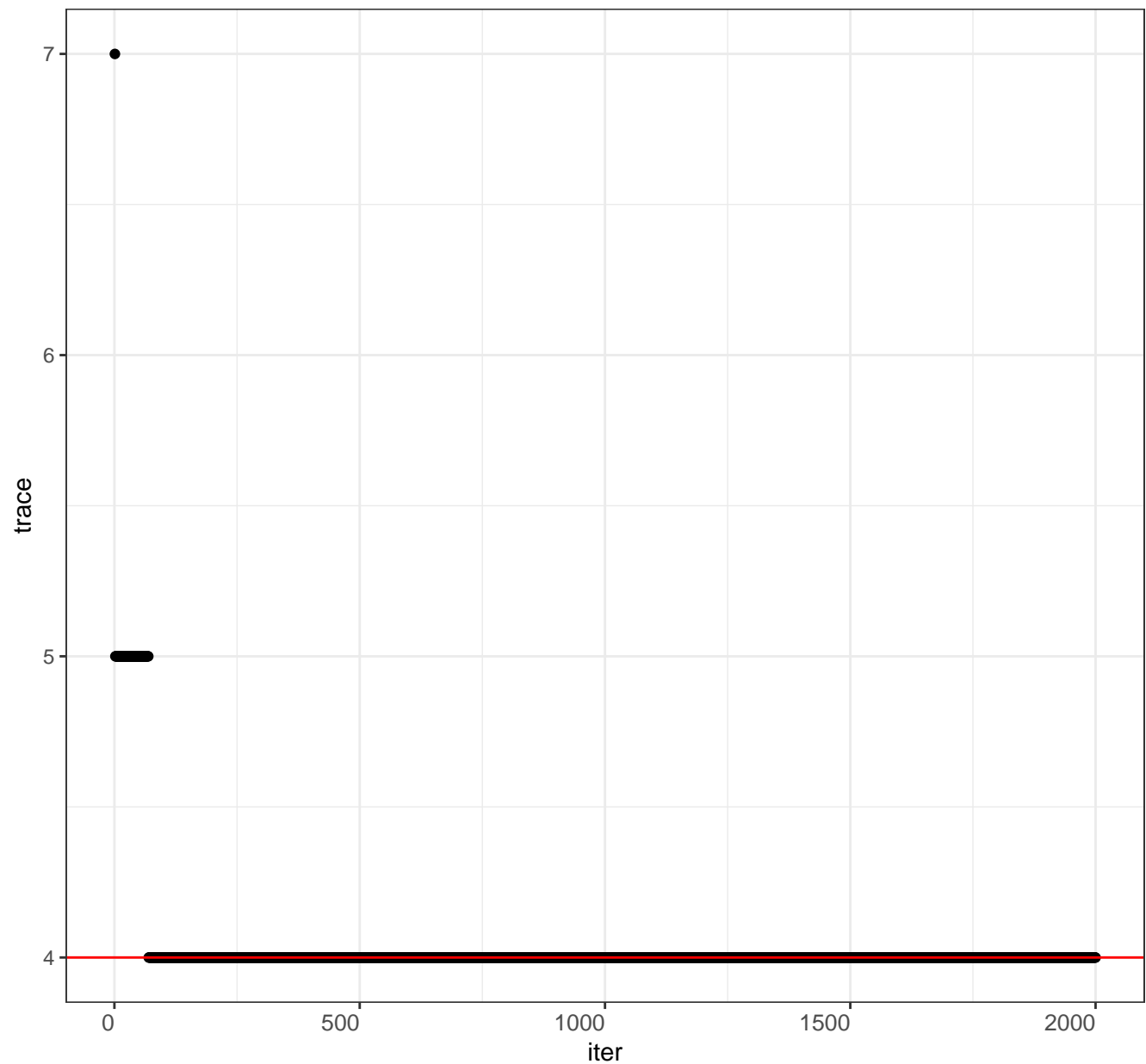Weights for the case: S=80 ,r=10 true gr K=4 ,type=1 ,N=150 pN=0

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

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=80 r=10 true K=4 type=1
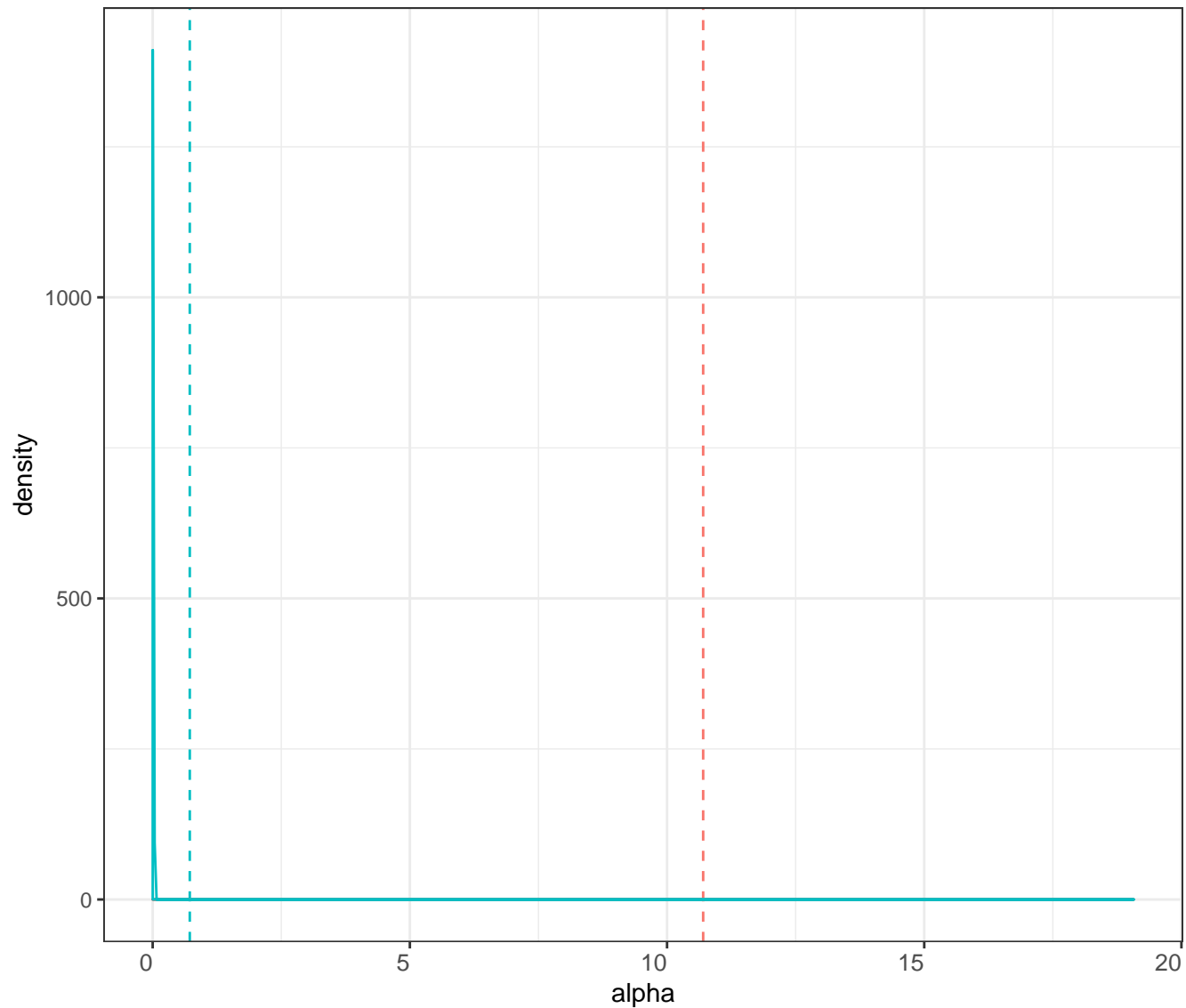
Trace plot for the number of groups K for S=80 r=10 true K=4 type=1

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

Distribution alpha: S=80 ,r=10 true gr K=4 ,type=1 ,N=150

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

Posterior distribution for alpha
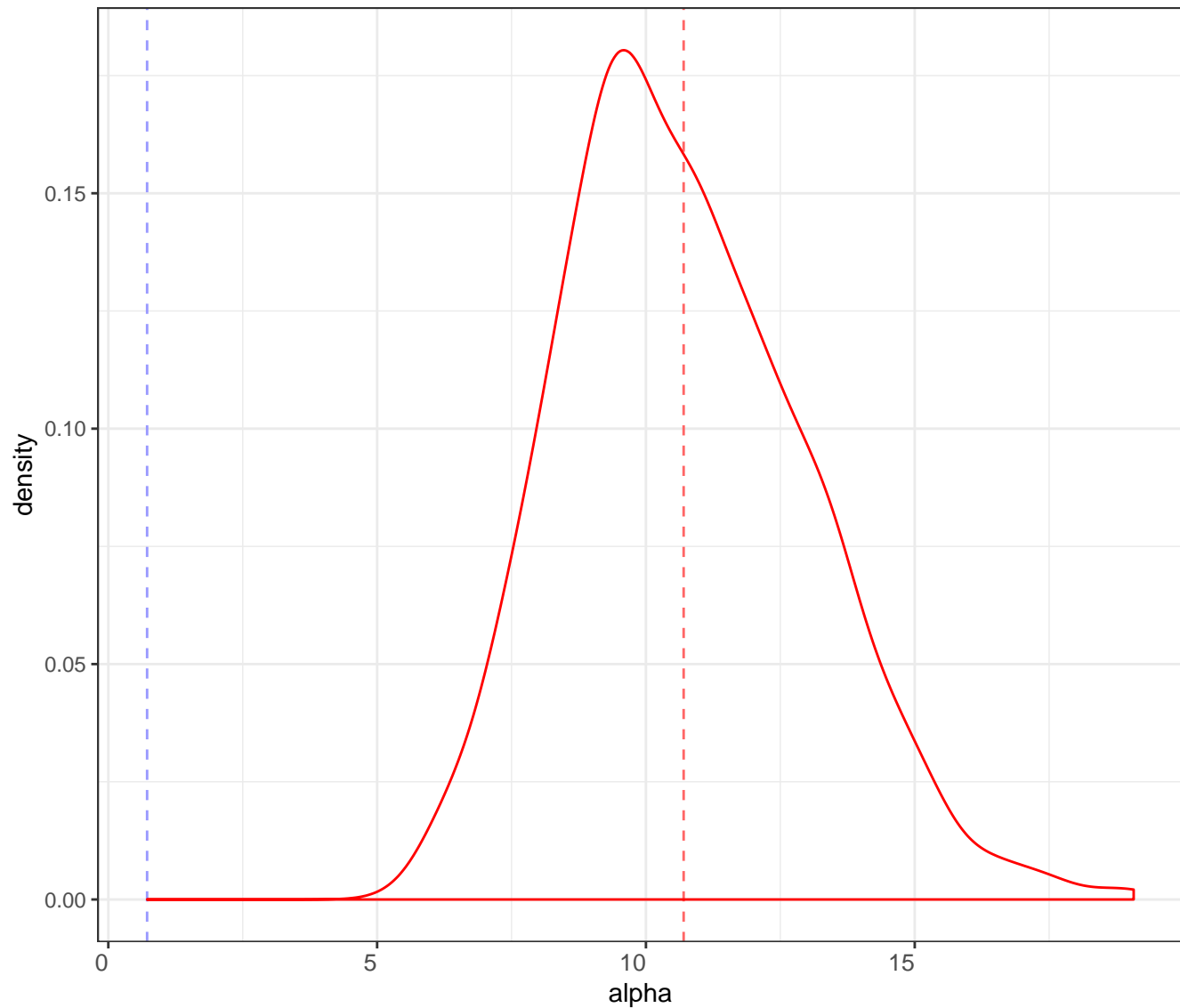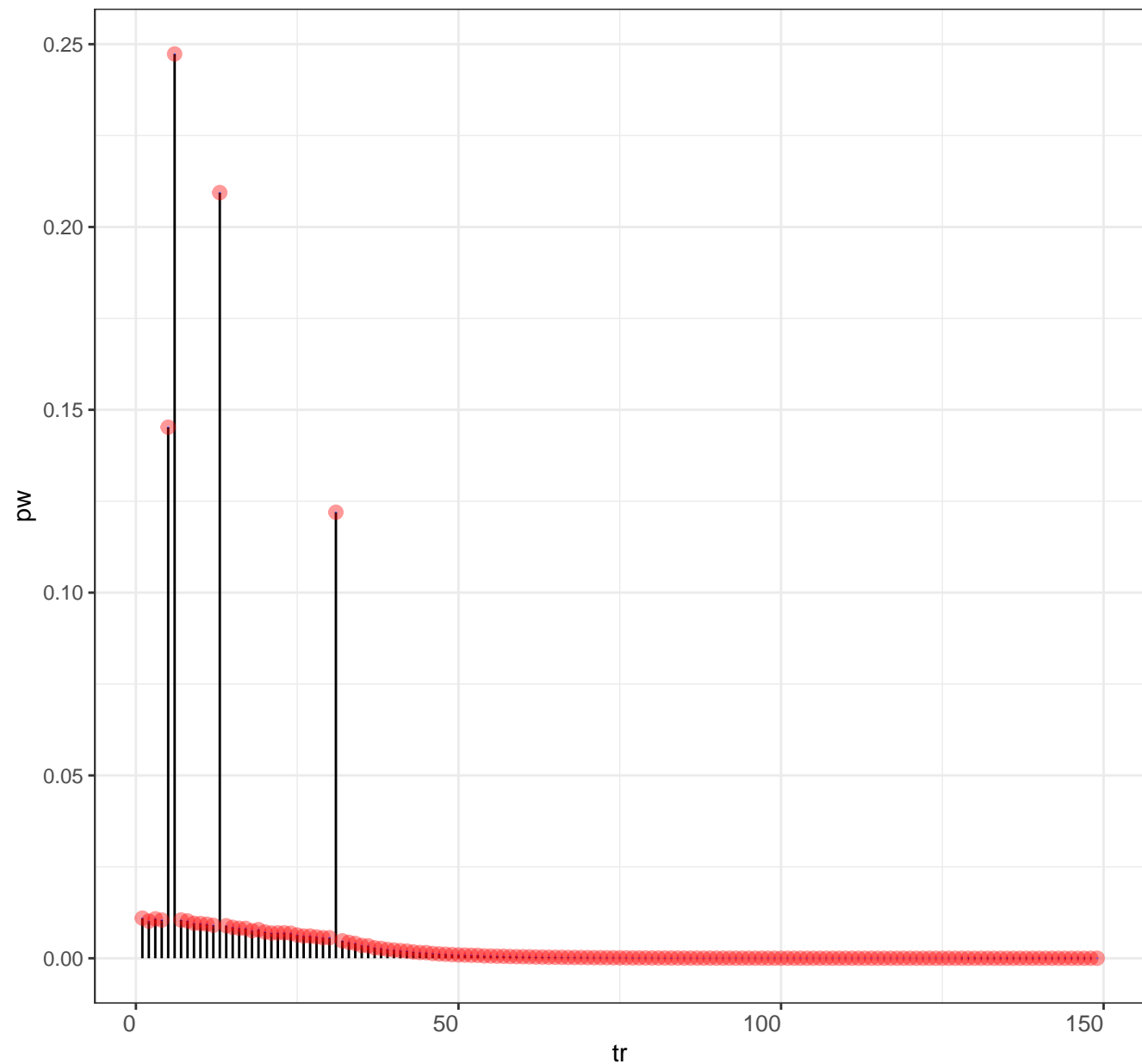
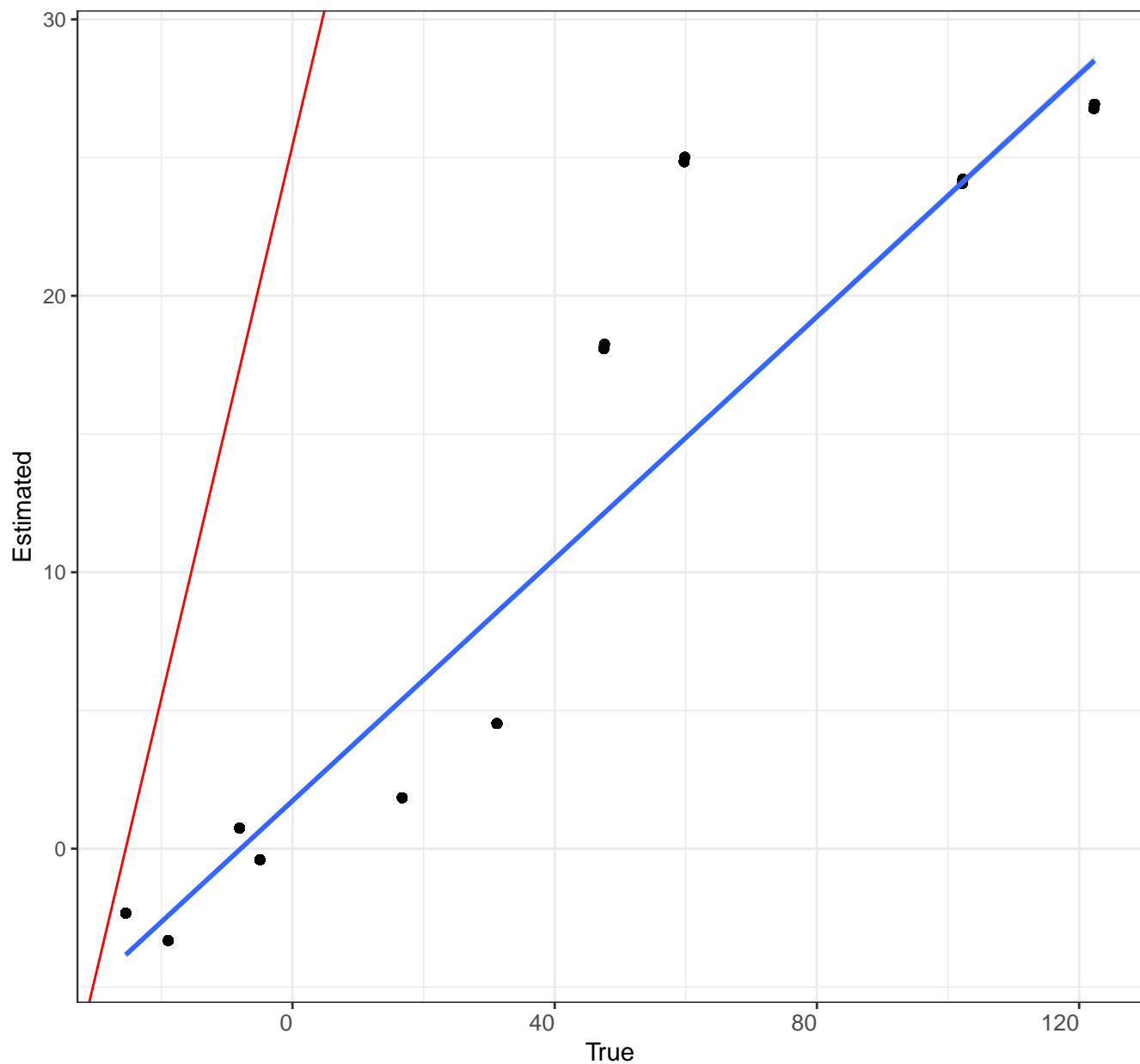Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=10 true gr K=4 ,type=1 ,N=150

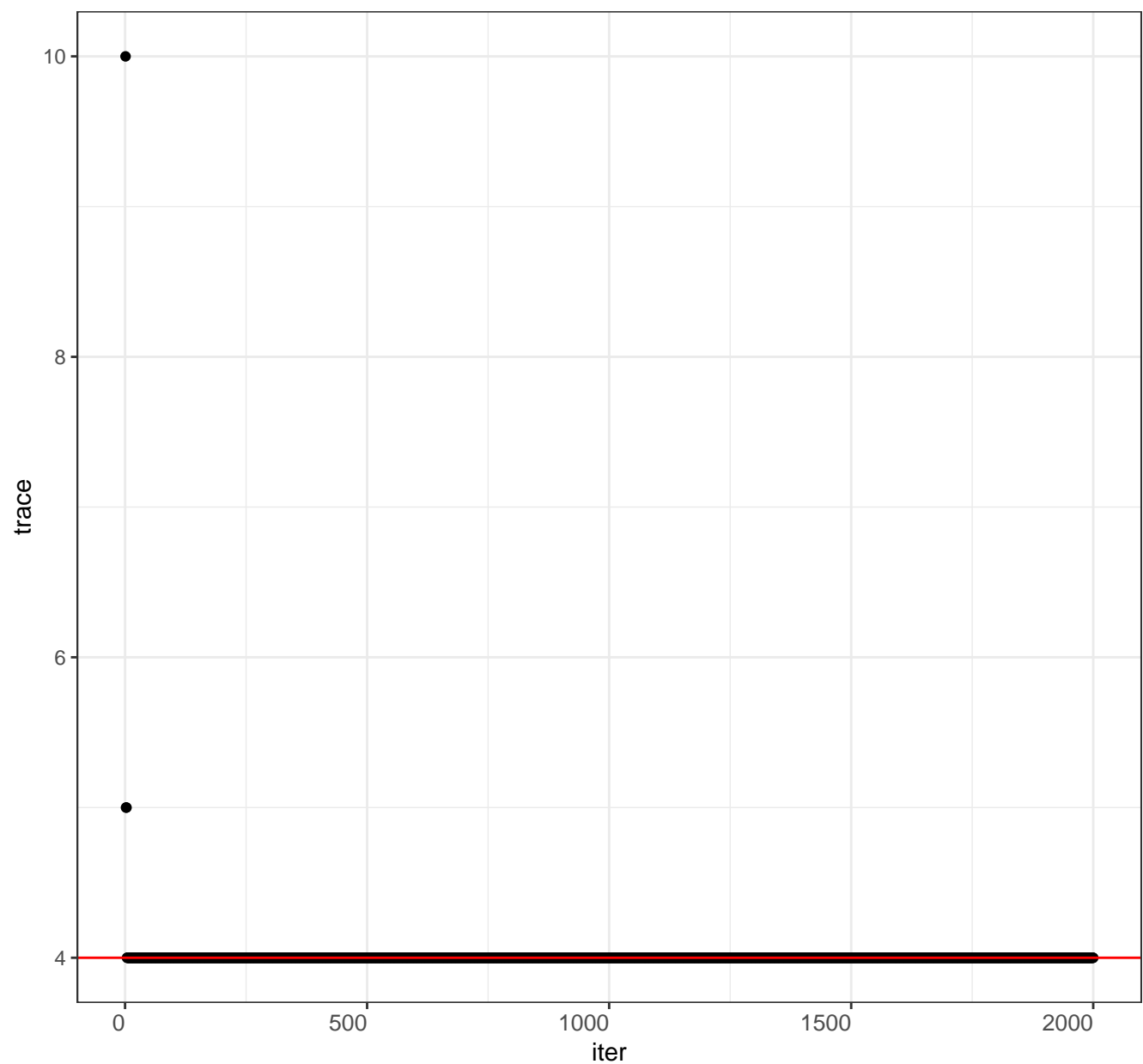Weights for the case: S=80 ,r=10 true gr K=4 ,type=1 ,N=150 pN=0

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

True vs estimated covariance parameters

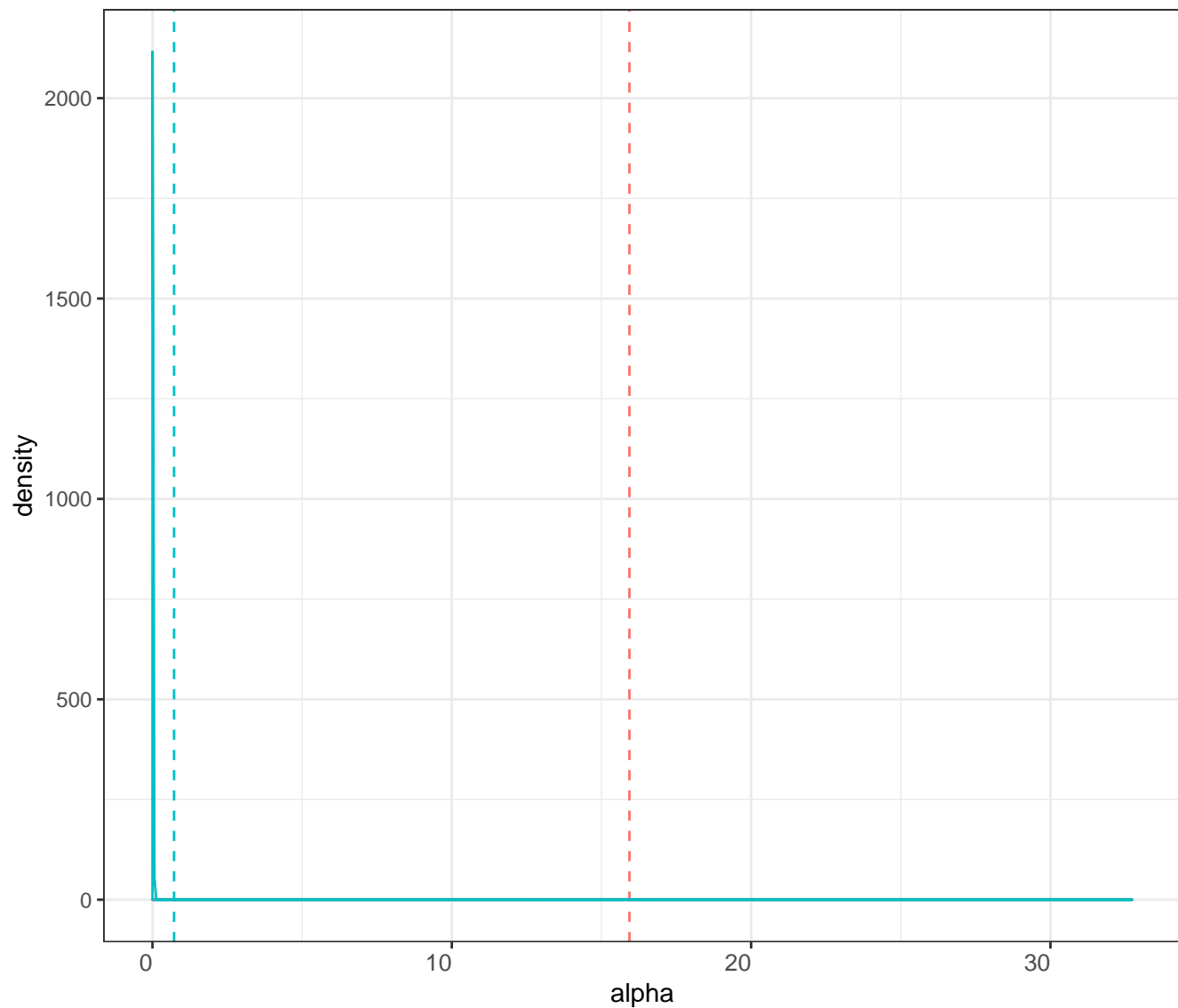Number of iterations: 2000 burnin: 1000number of samples: 500S=80 r=10 true K=4 type=1

Trace plot for the number of groups K for S=80 r=10 true K=4 type=1

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

Distribution alpha: S=80 ,r=10 true gr K=4 ,type=1 ,N=150

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=1 ,N=150

Weights for the case: S=80 ,r=10 true gr K=4 ,type=1 ,N=150 pN=0

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

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=80 r=10 true K=4 type=1

Trace plot for the number of groups K for S=80 r=10 true K=4 type=1

Number of iterations: 2000 burnin: 1000number of samples: 500
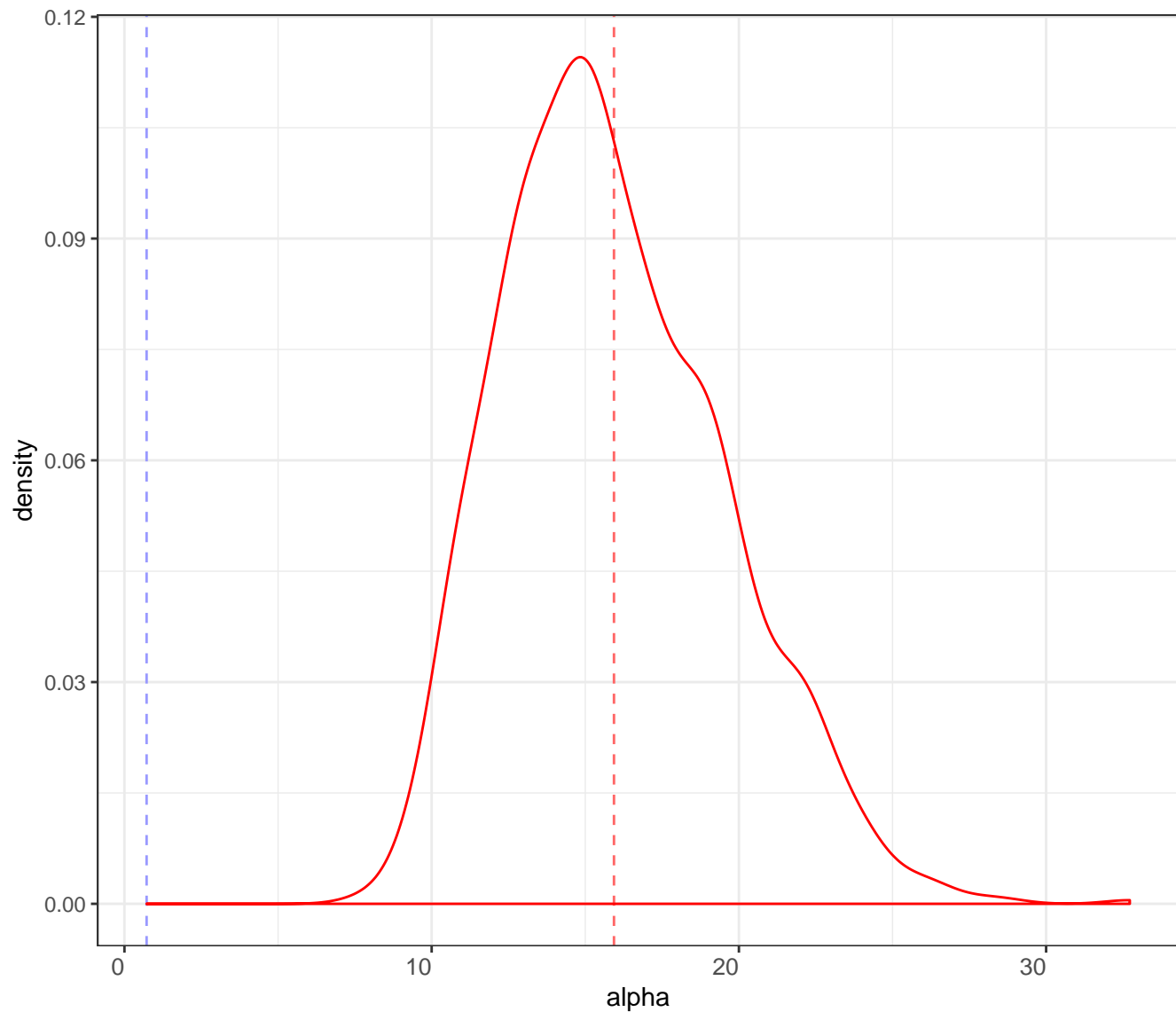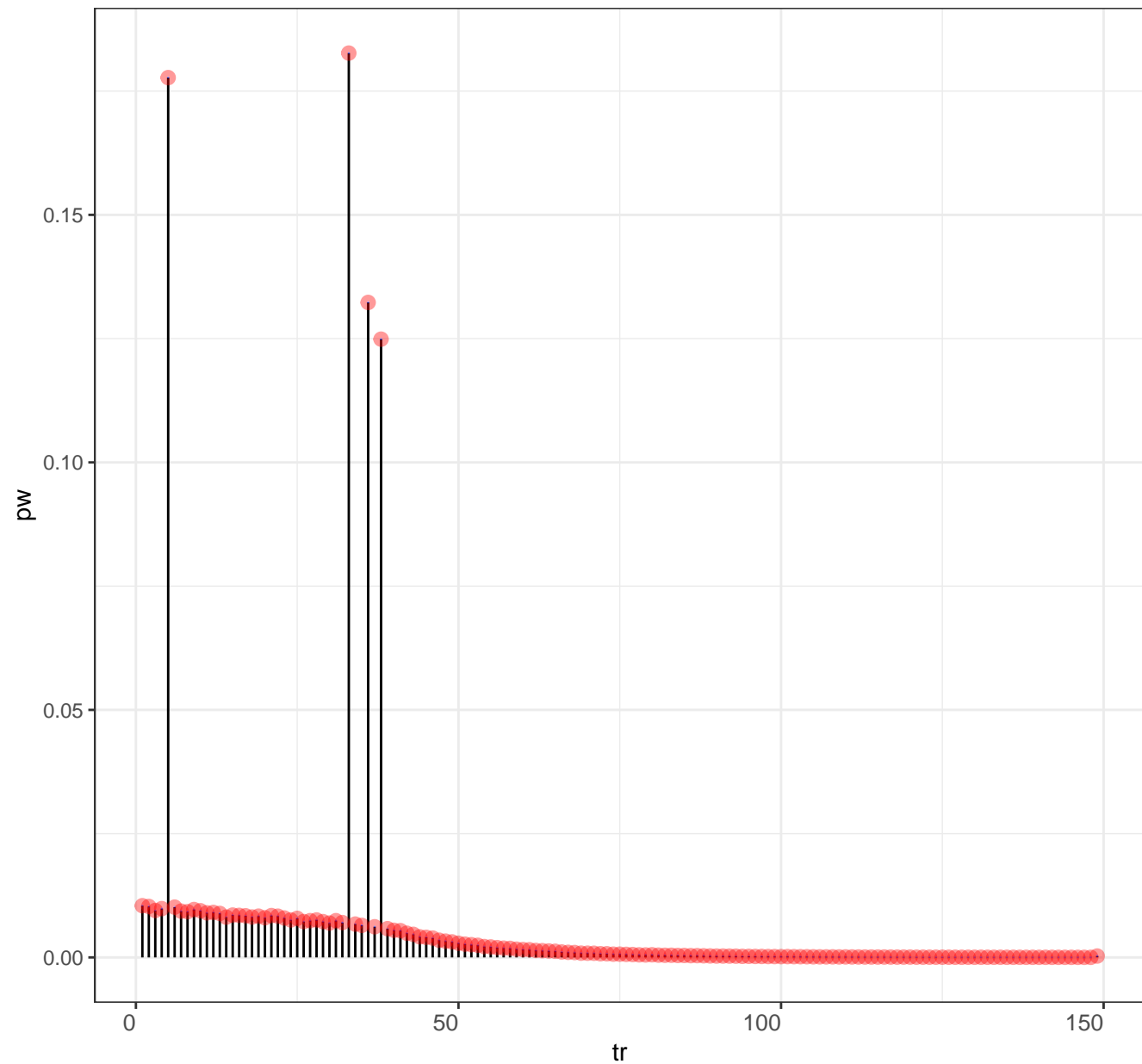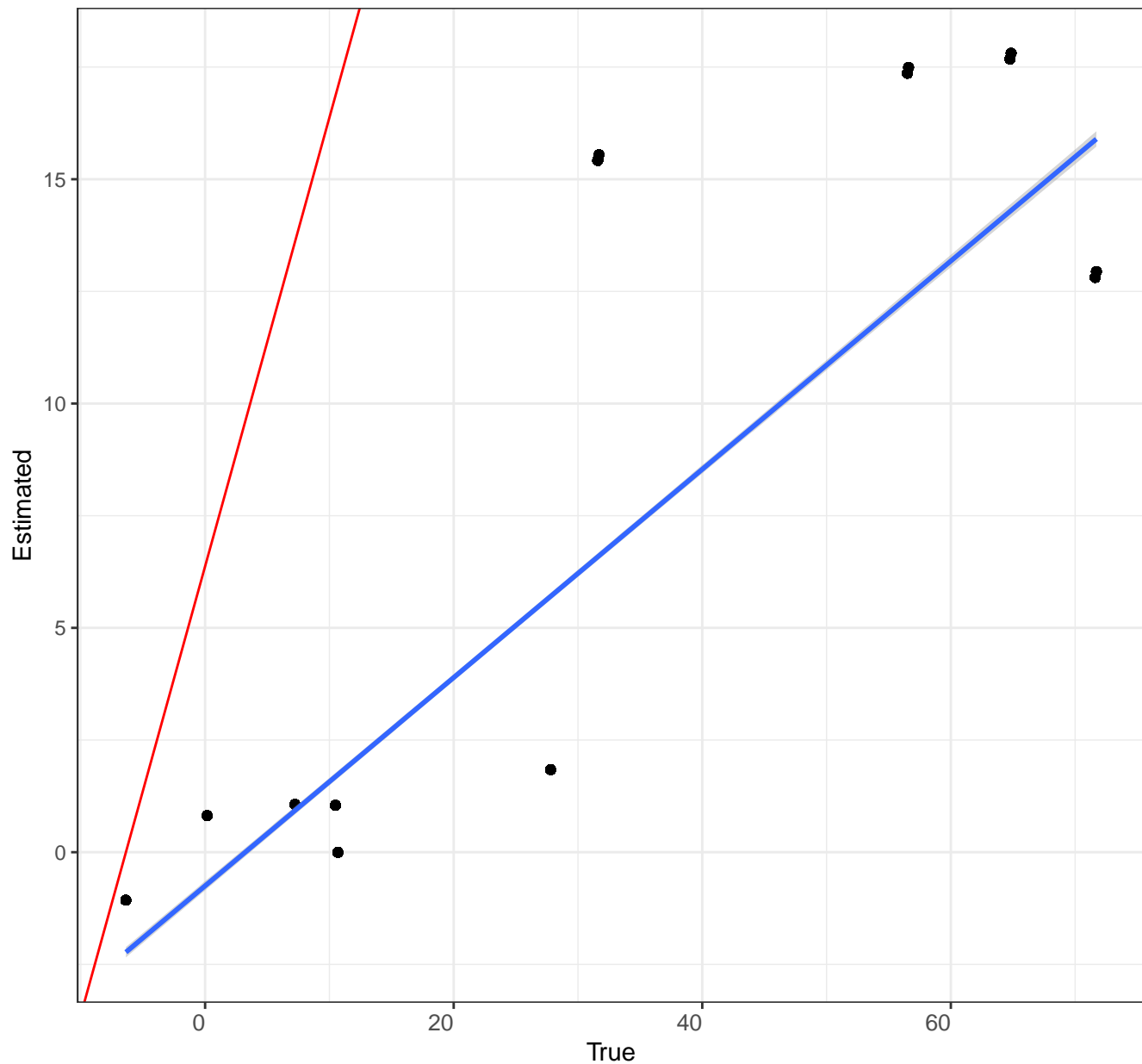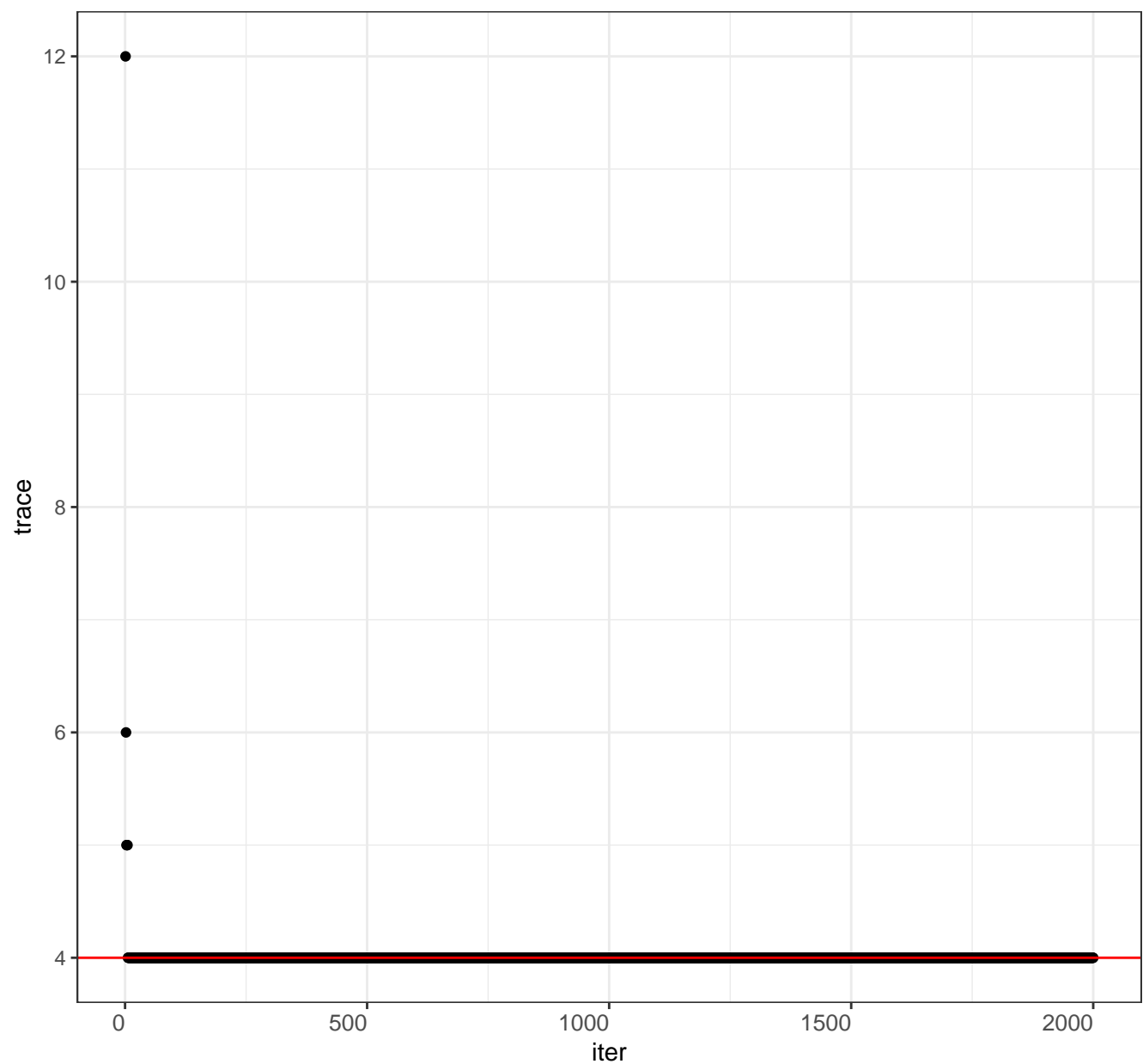
Distribution alpha: S=80 ,r=10 true gr K=4 ,type=1 ,N=150

type [posterior] [prior]

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

Posterior distribution for alpha

Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=10 true gr K=4 ,type=1 ,N=150

Weights for the case: S=80 ,r=10 true gr K=4 ,type=1 ,N=150 pN=0.004

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

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=80 r=10 true K=4 type=1

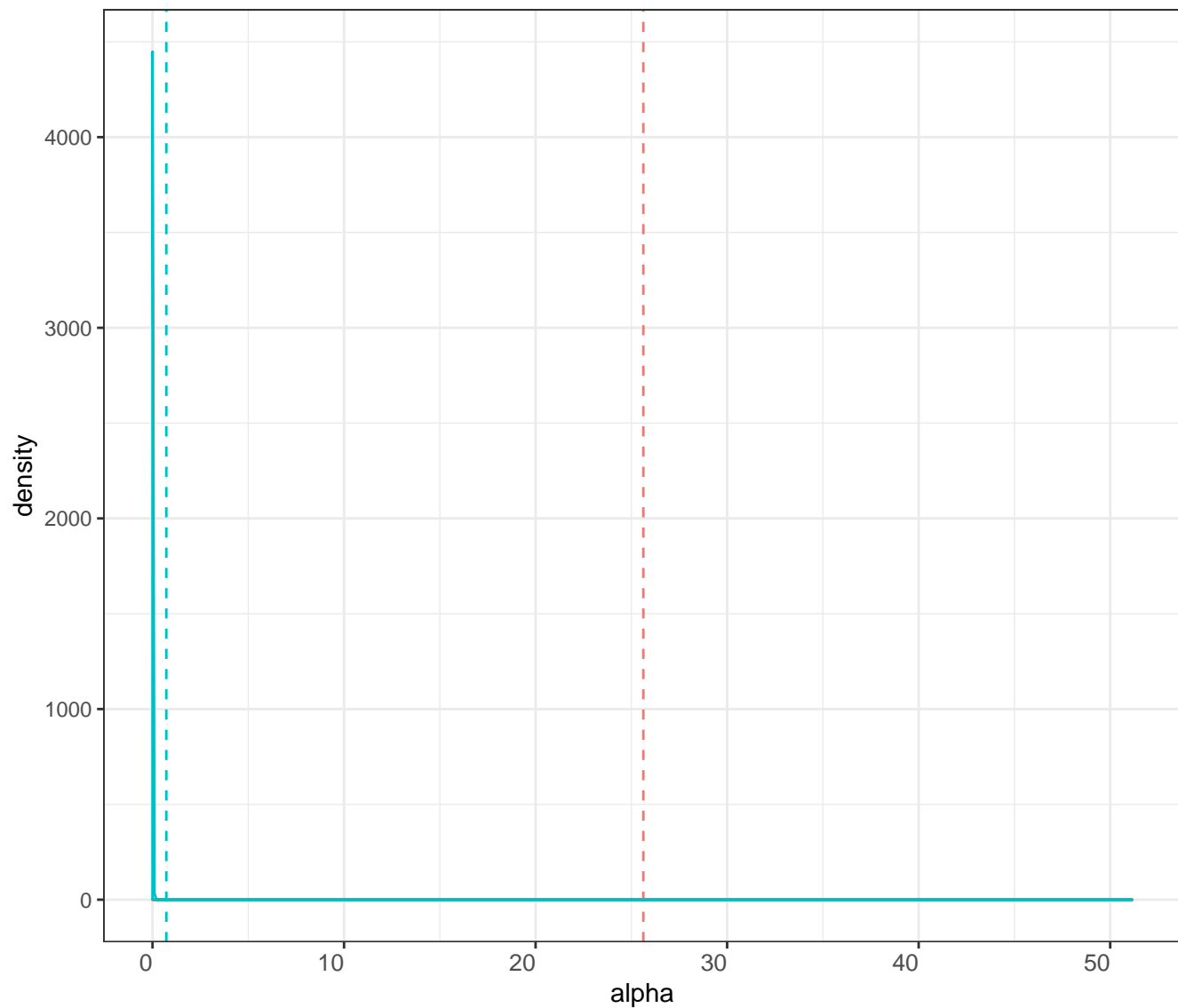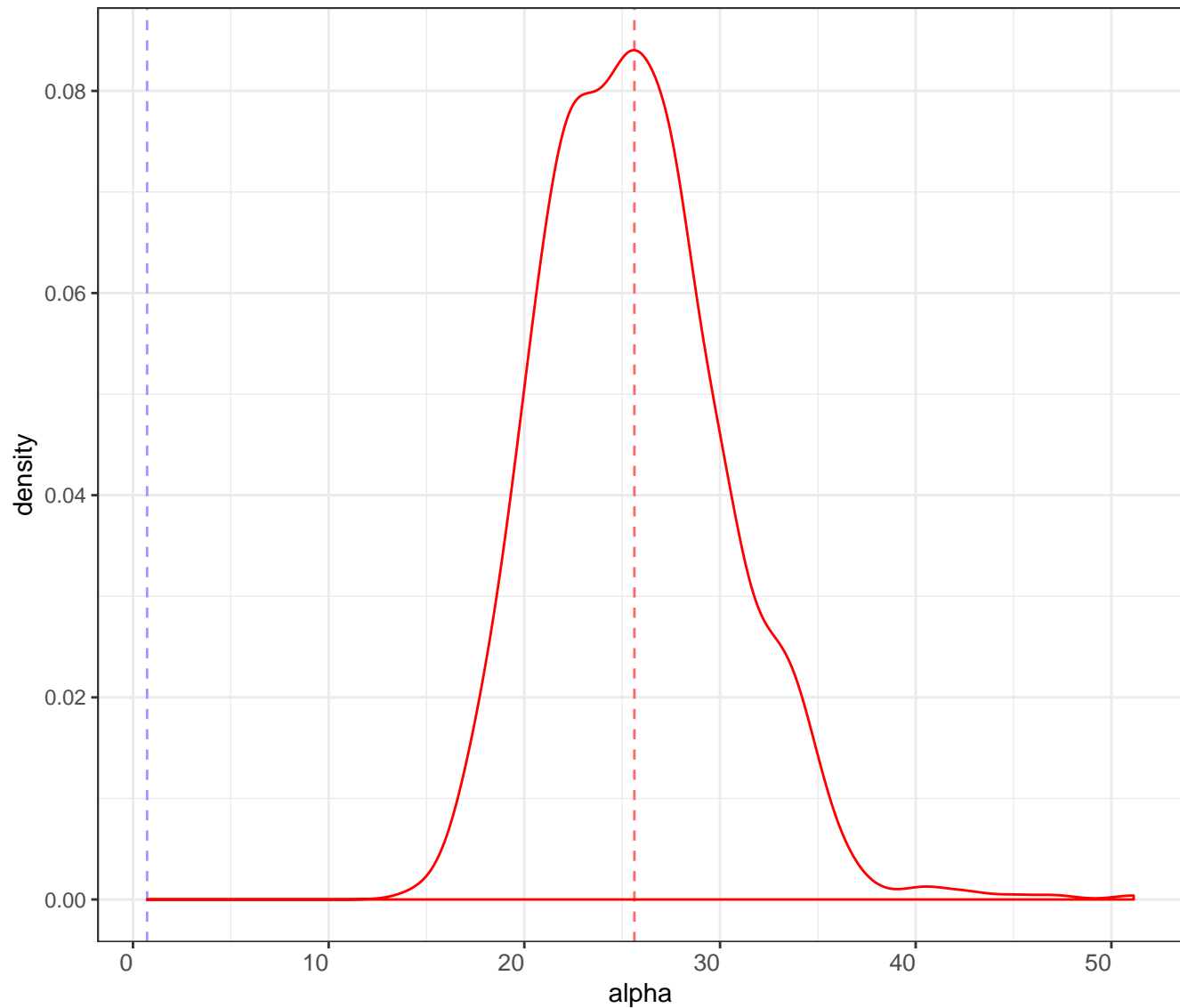Trace plot for the number of groups K for S=80 r=10 true K=4 type=1

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

Distribution alpha: S=80 ,r=10 true gr K=4 ,type=1 ,N=150

type — posterior — prior

Number of iterations: 2000 burnin: 1000 number of samples: 500
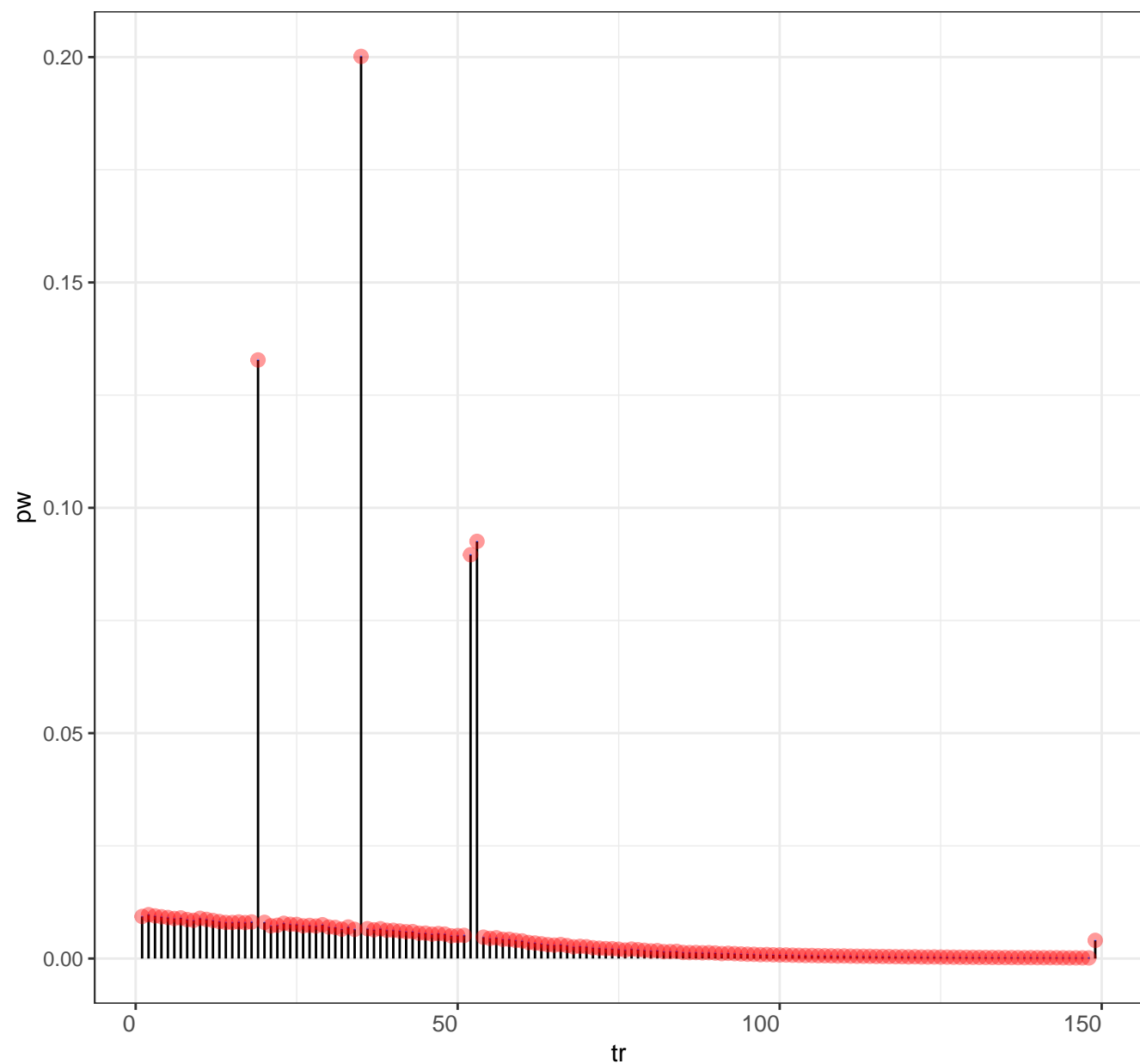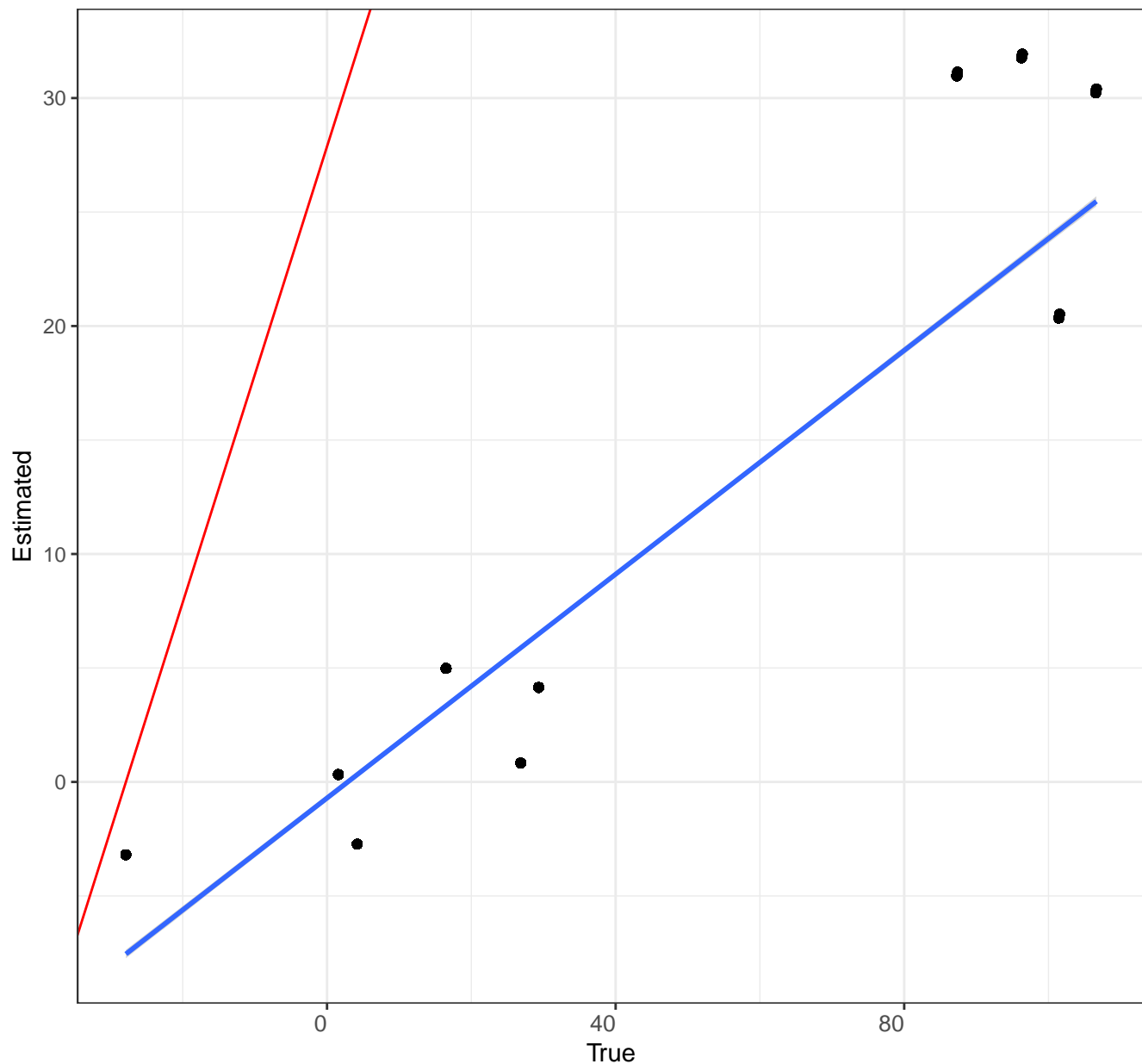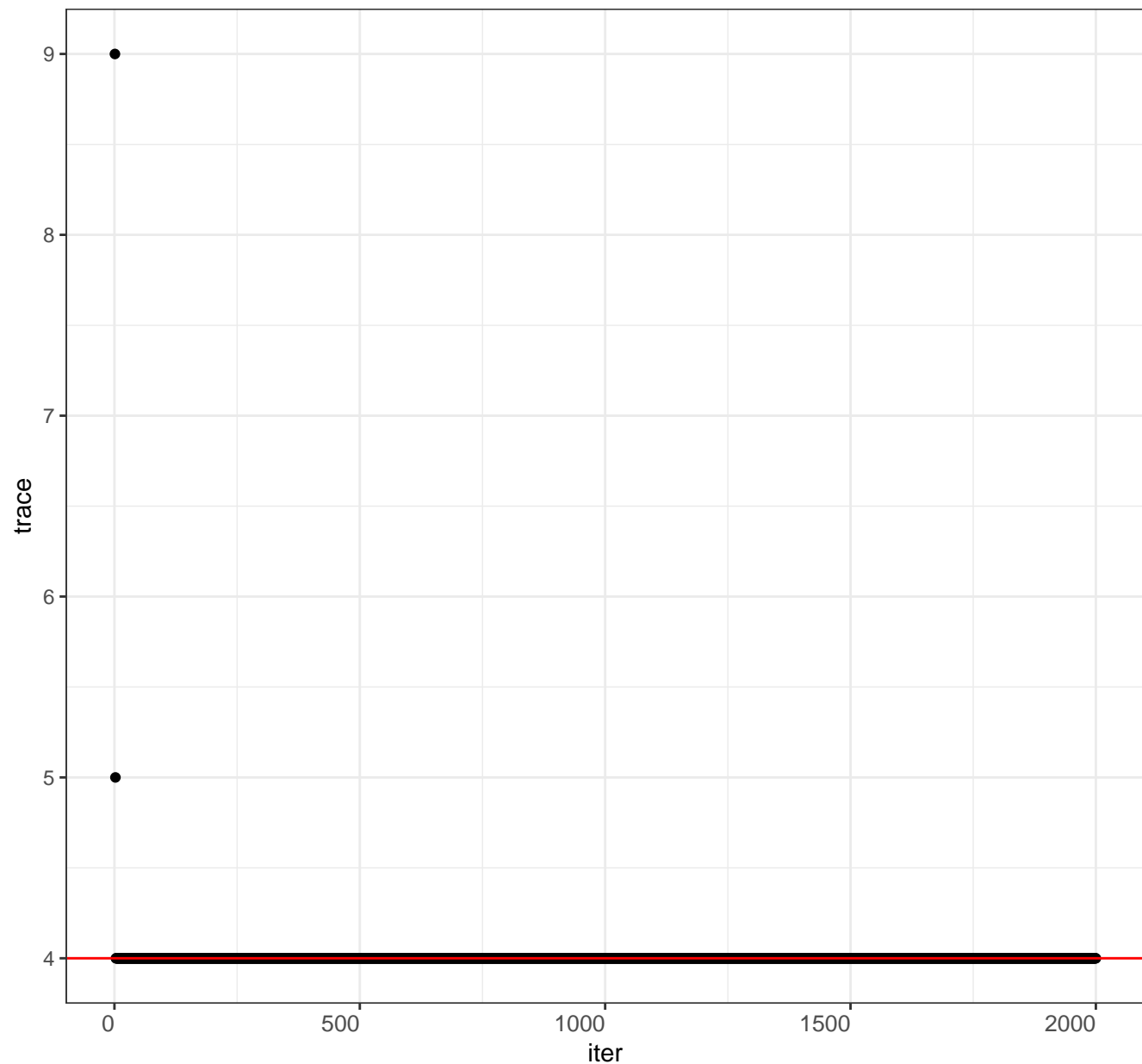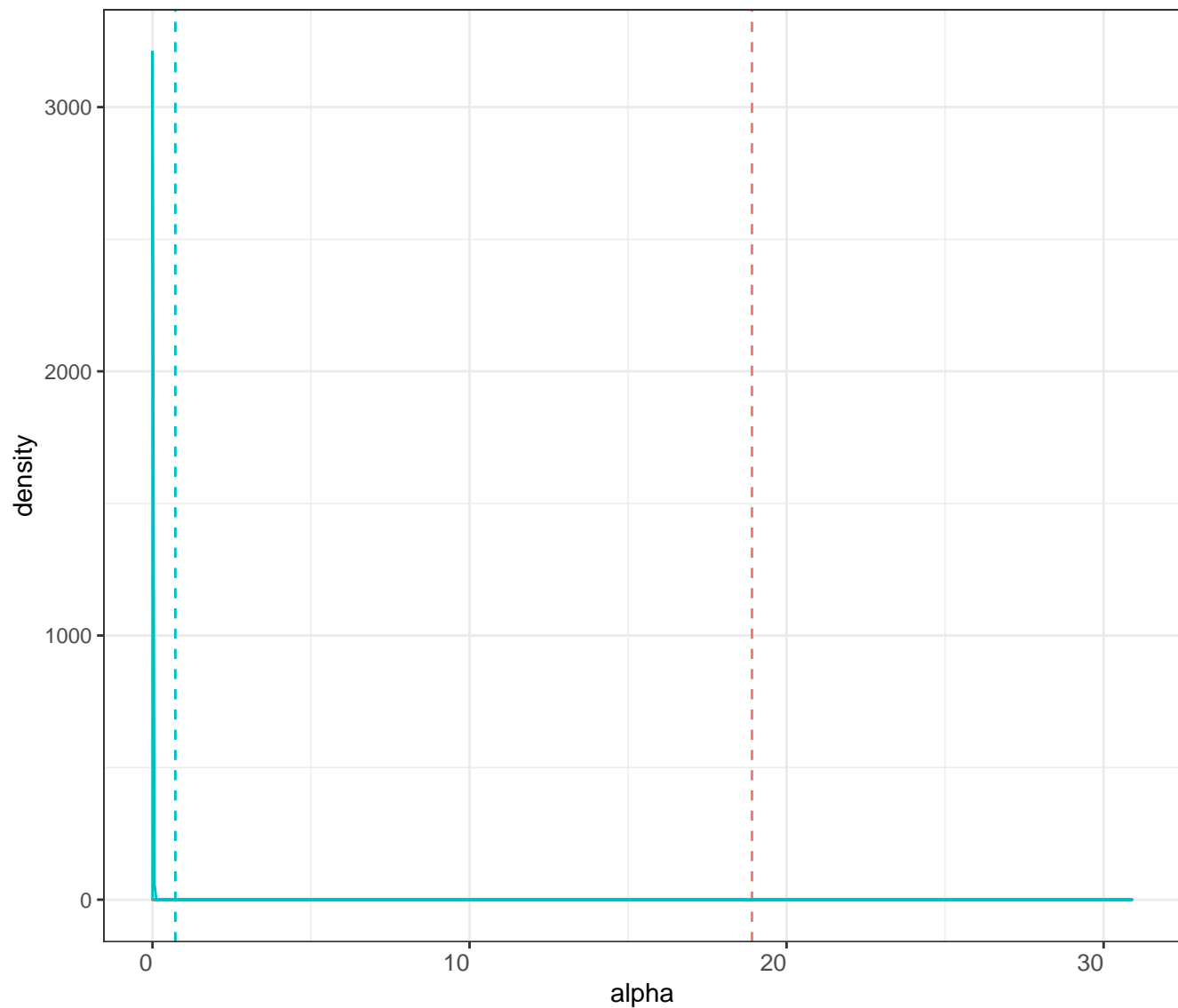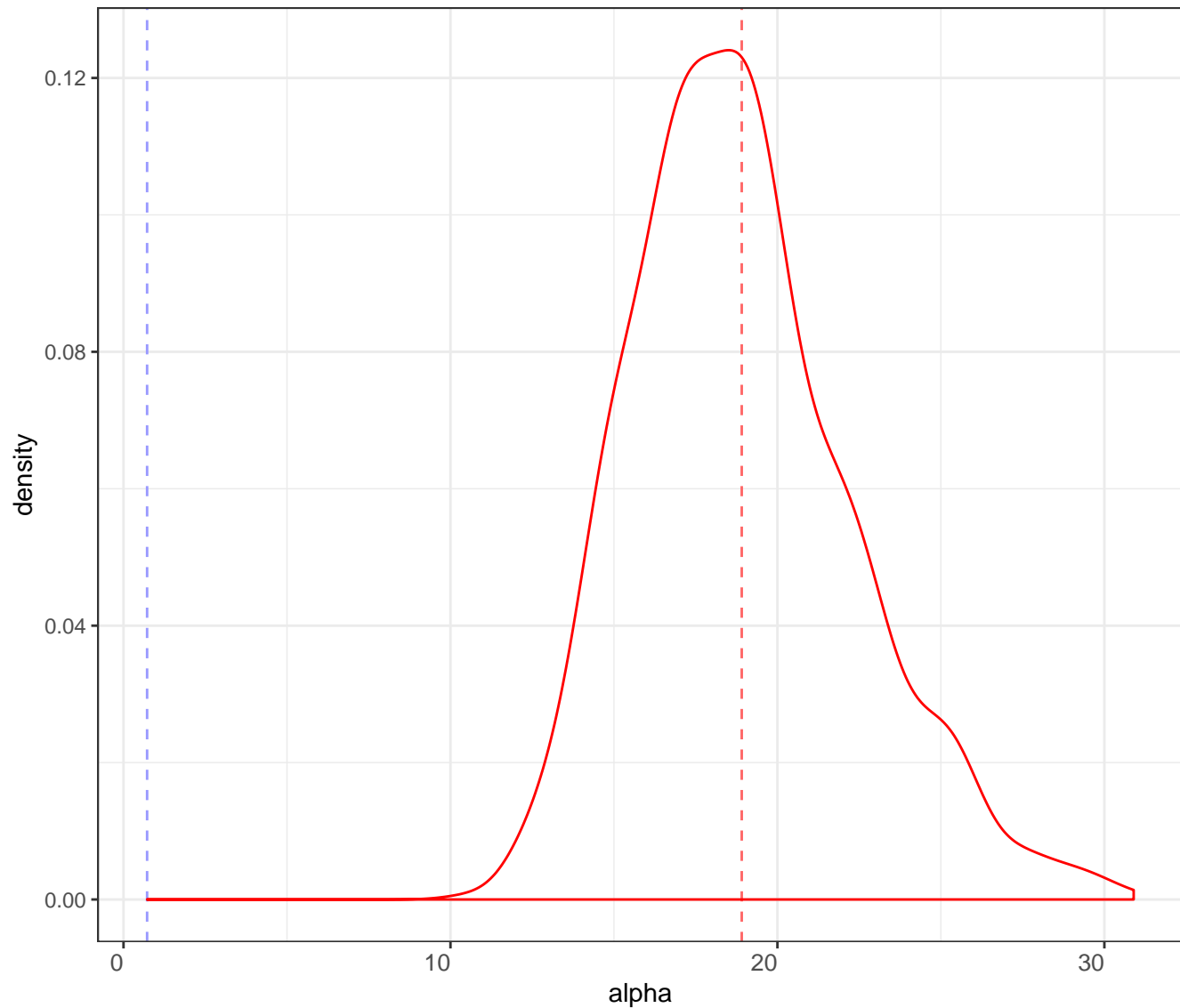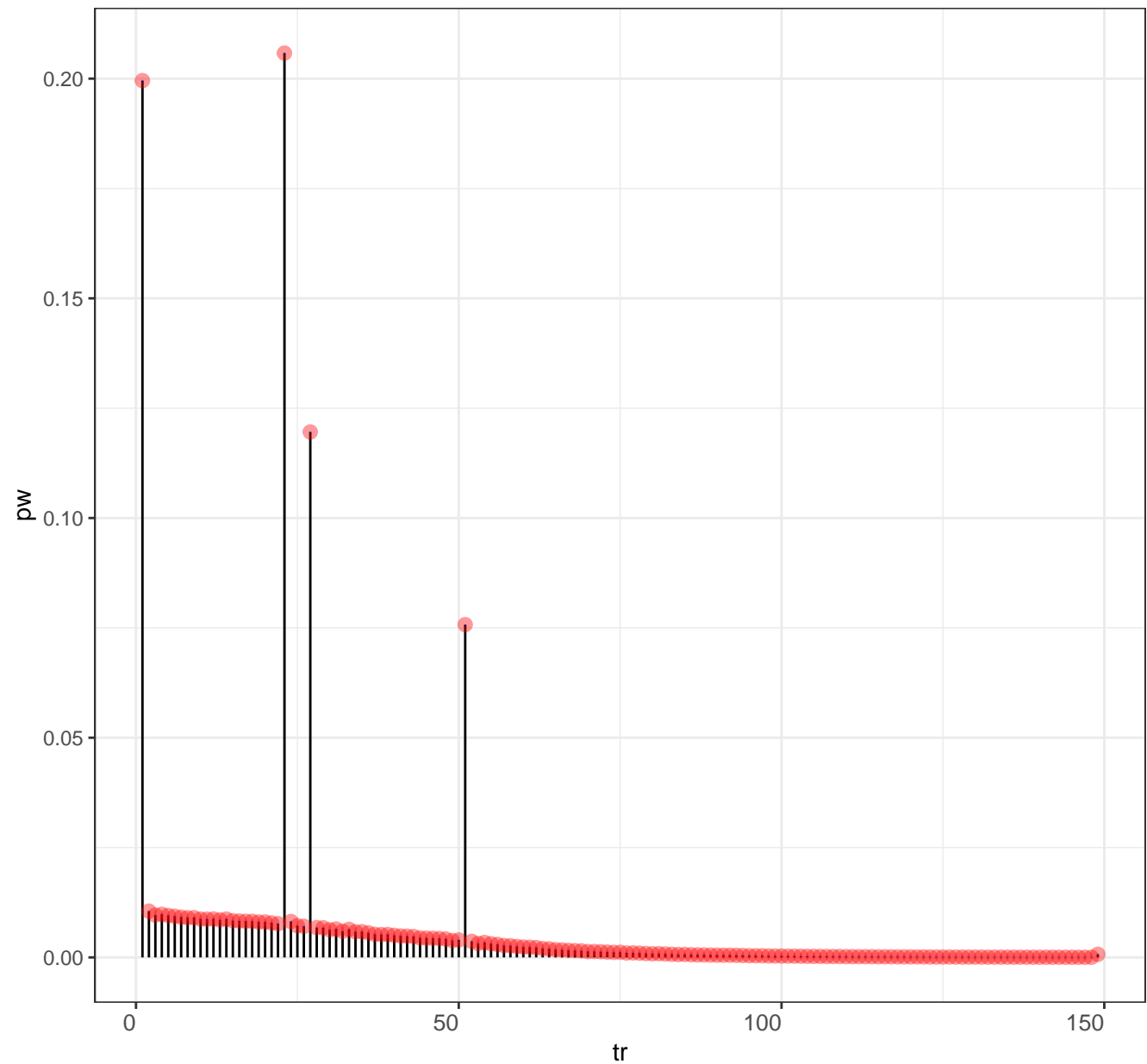
Posterior distribution for alpha

Legend | posterior mean | prior mean

Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=10 true gr K=4 ,type=1 ,N=150
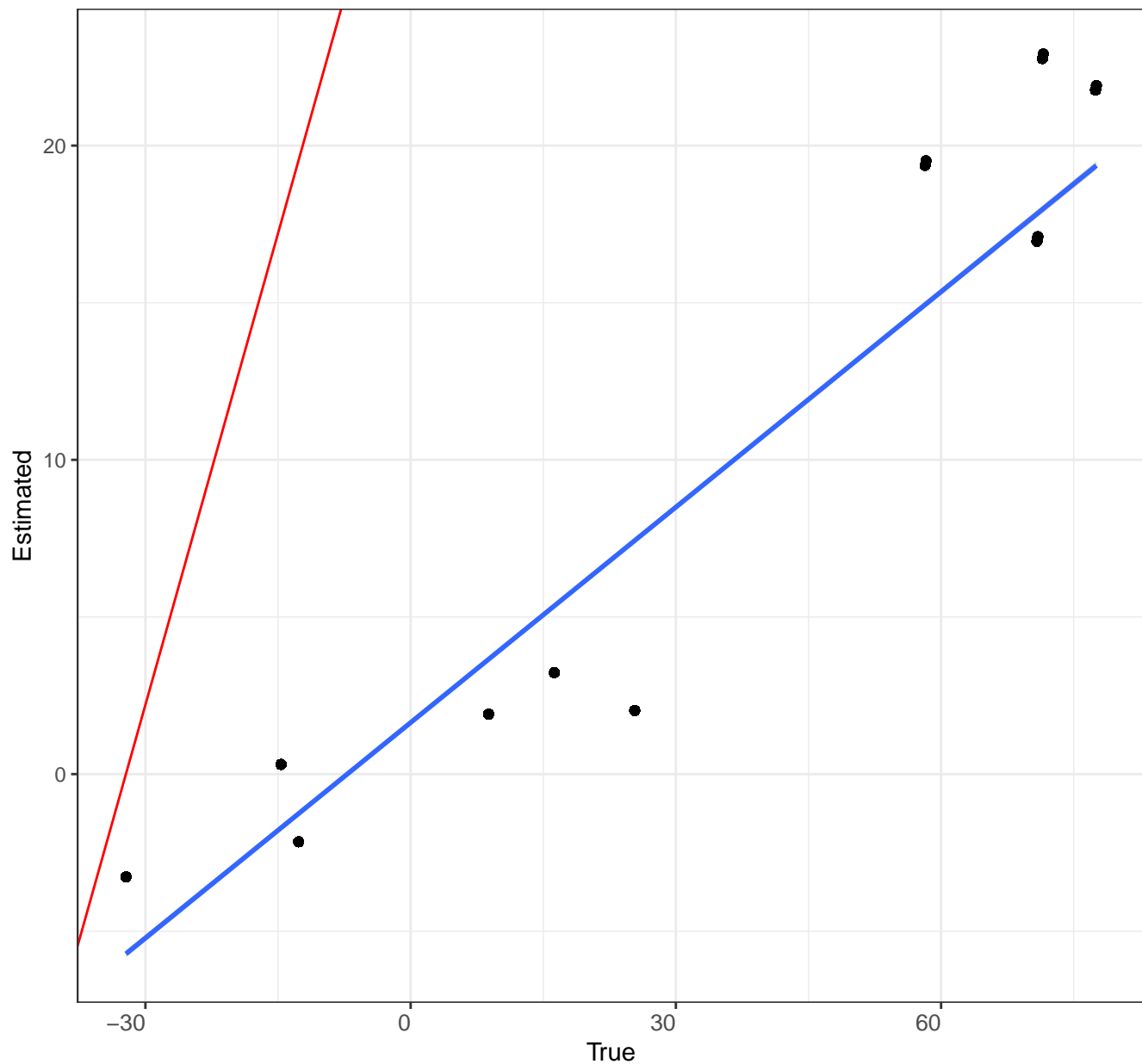
Weights for the case: S=80 ,r=10 true gr K=4 ,type=1 ,N=150 pN=0.001

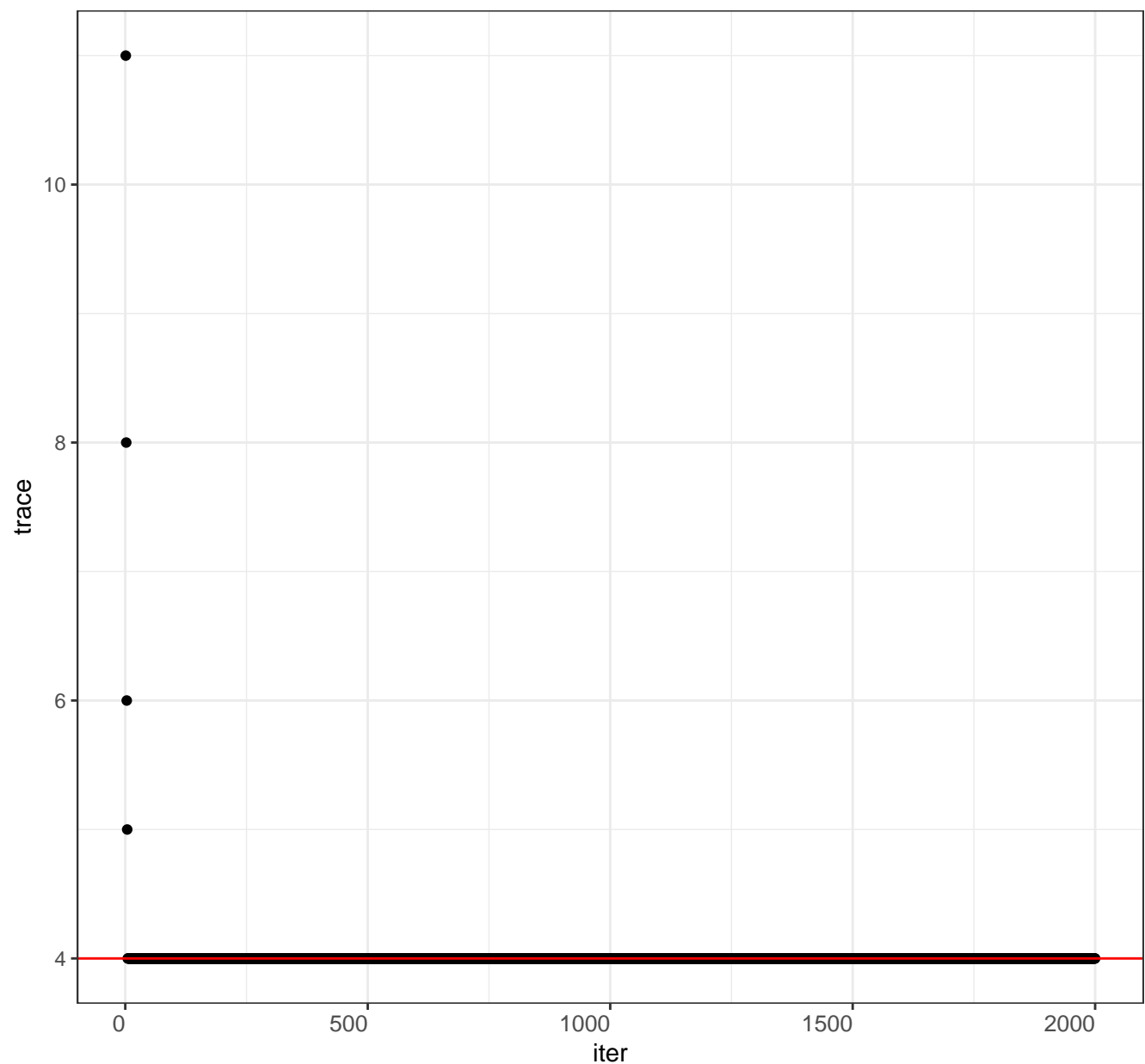Number of iterations: 2000 burnin: 1000 number of samples: 500

True vs estimated covariance parameters

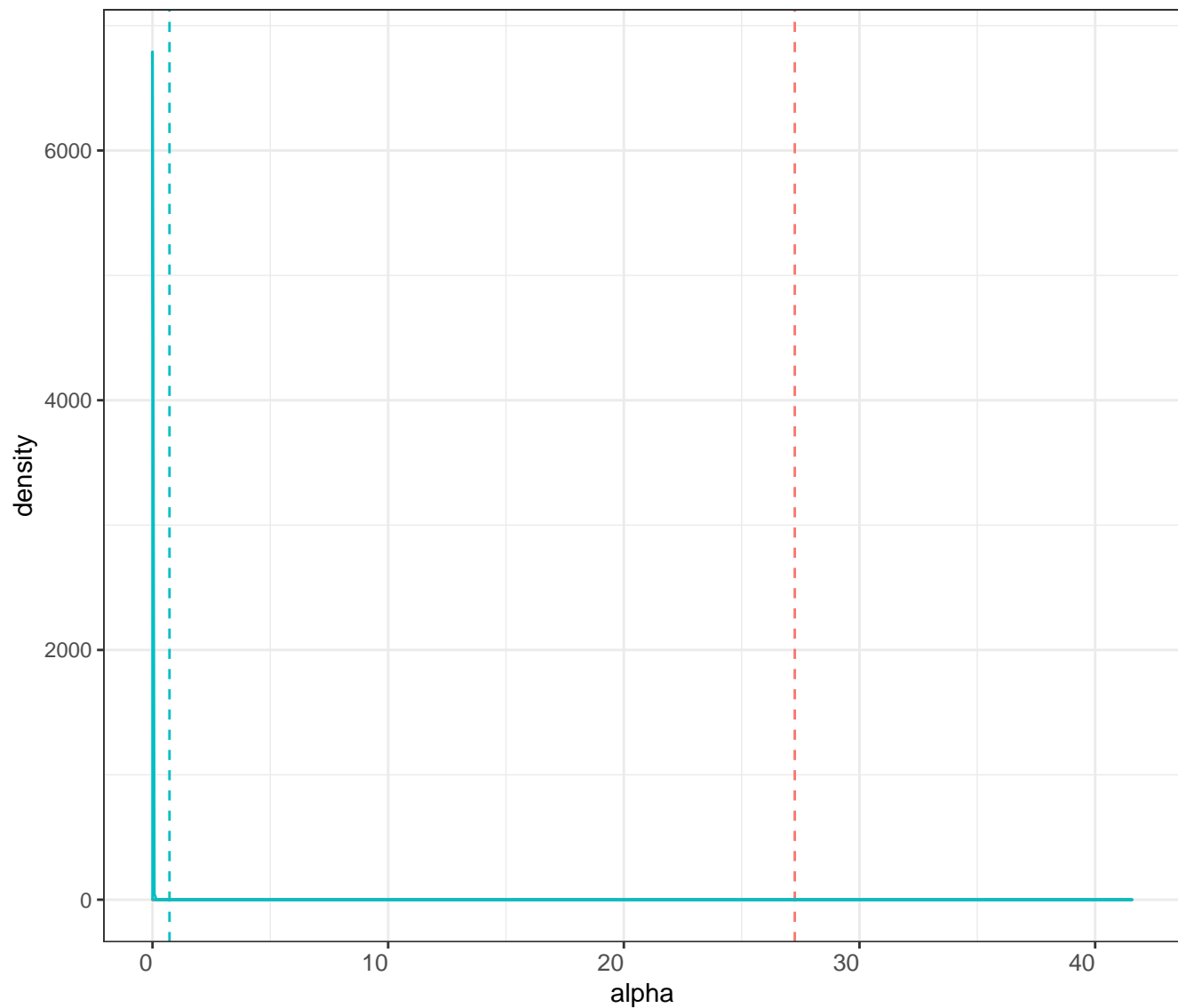Number of iterations: 2000 burnin: 1000number of samples: 500S=80 r=10 true K=4 type=1

Trace plot for the number of groups K for S=80 r=10 true K=4 type=1

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

Distribution alpha: S=80 ,r=10 true gr K=4 ,type=1 ,N=150

type [posterior] [prior]

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

Posterior distribution for alpha

Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=10 true gr K=4 ,type=1 ,N=150

Weights for the case: S=80 ,r=10 true gr K=4 ,type=1 ,N=150 pN=0.005

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

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=80 r=10 true K=4 type=1

Trace plot for the number of groups K for S=80 r=10 true K=4 type=1

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

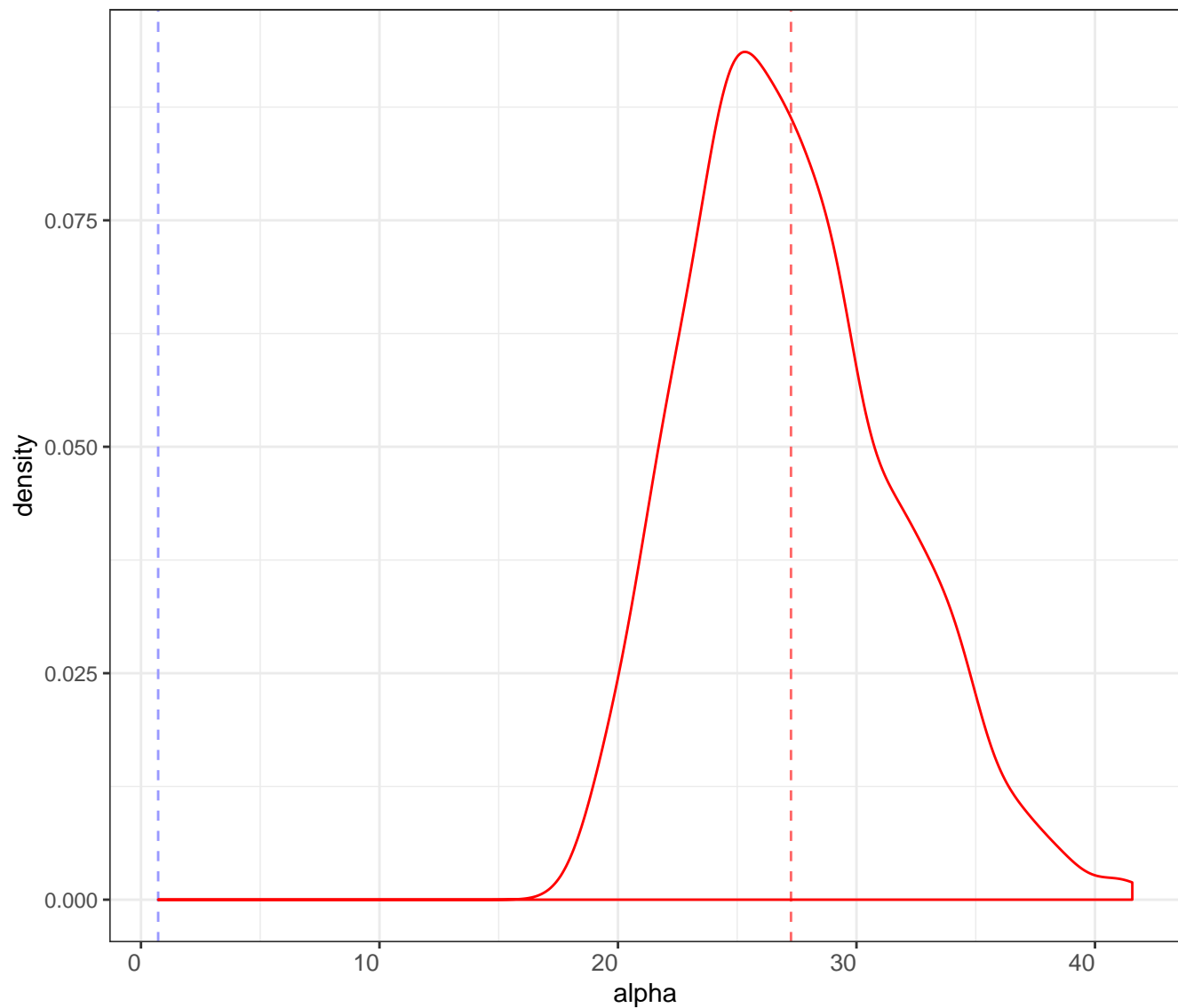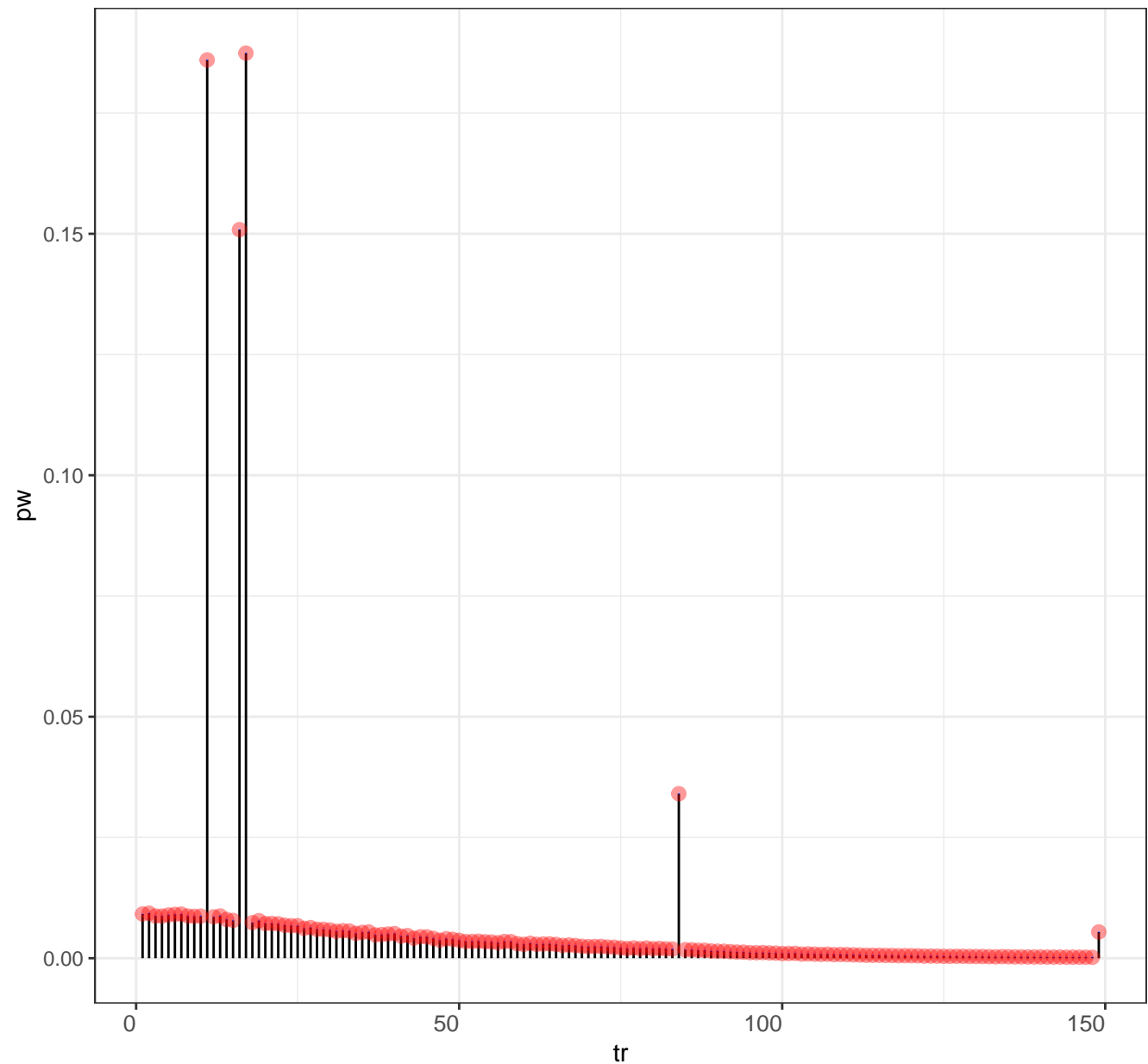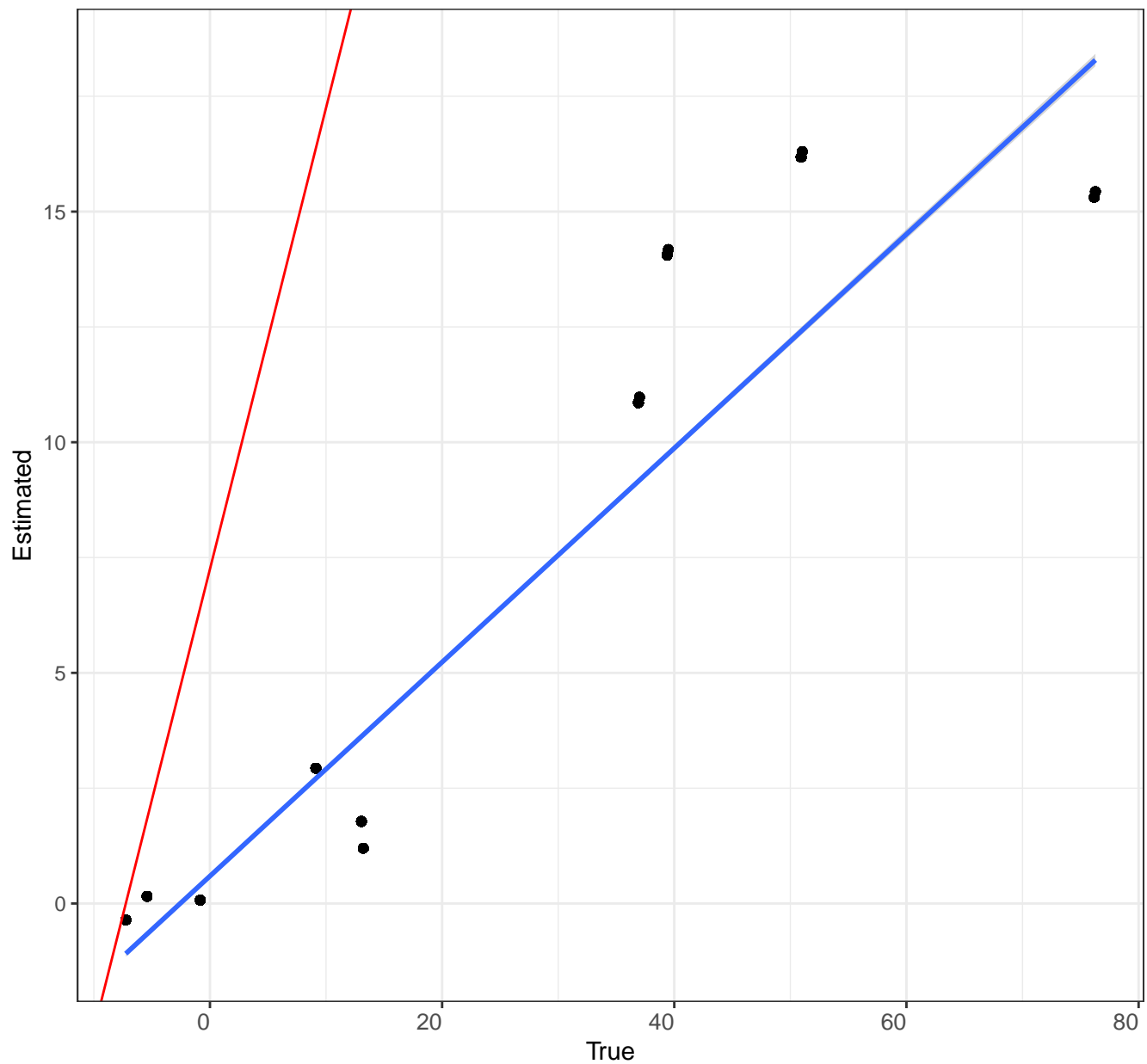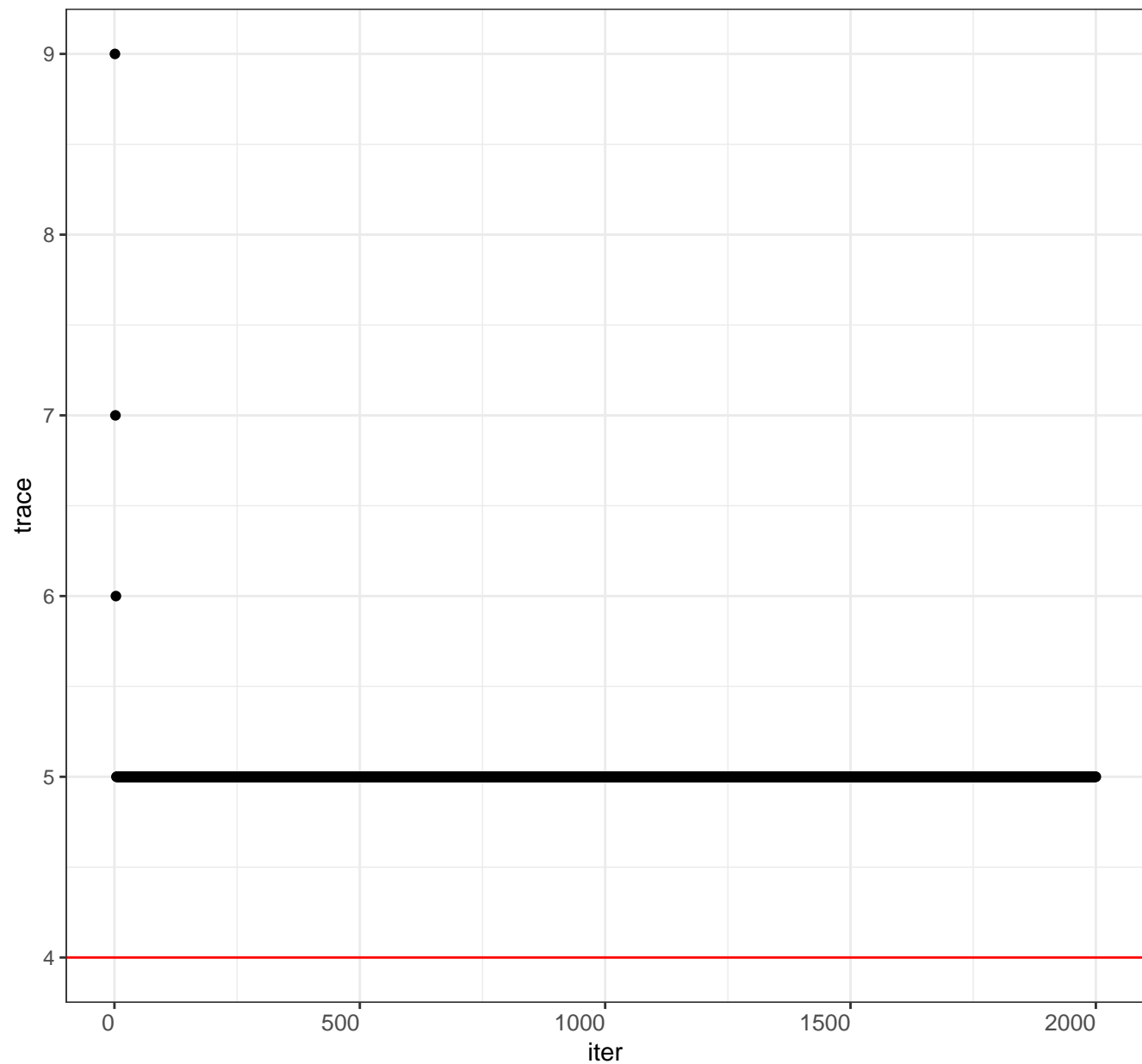Distribution alpha: S=80 ,r=10 true gr K=4 ,type=1 ,N=150

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

Posterior distribution for alpha

Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=10 true gr K=4 ,type=1 ,N=150

Weights for the case: S=80 ,r=10 true gr K=4 ,type=1 ,N=150 pN=0.001

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

True vs estimated covariance parameters

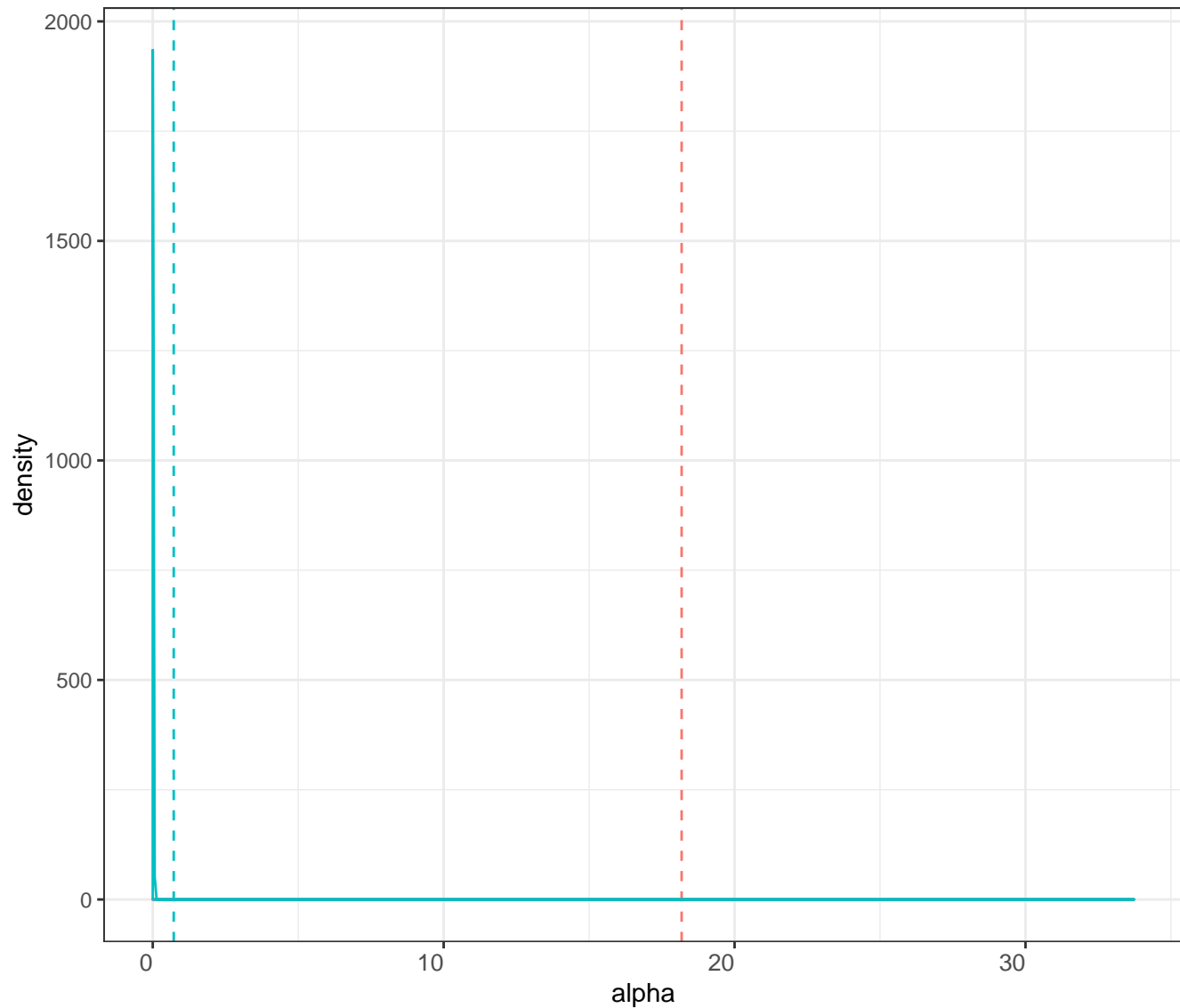Number of iterations: 2000 burnin: 1000number of samples: 500S=80 r=10 true K=4 type=1

Trace plot for the number of groups K for S=80 r=10 true K=4 type=1

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

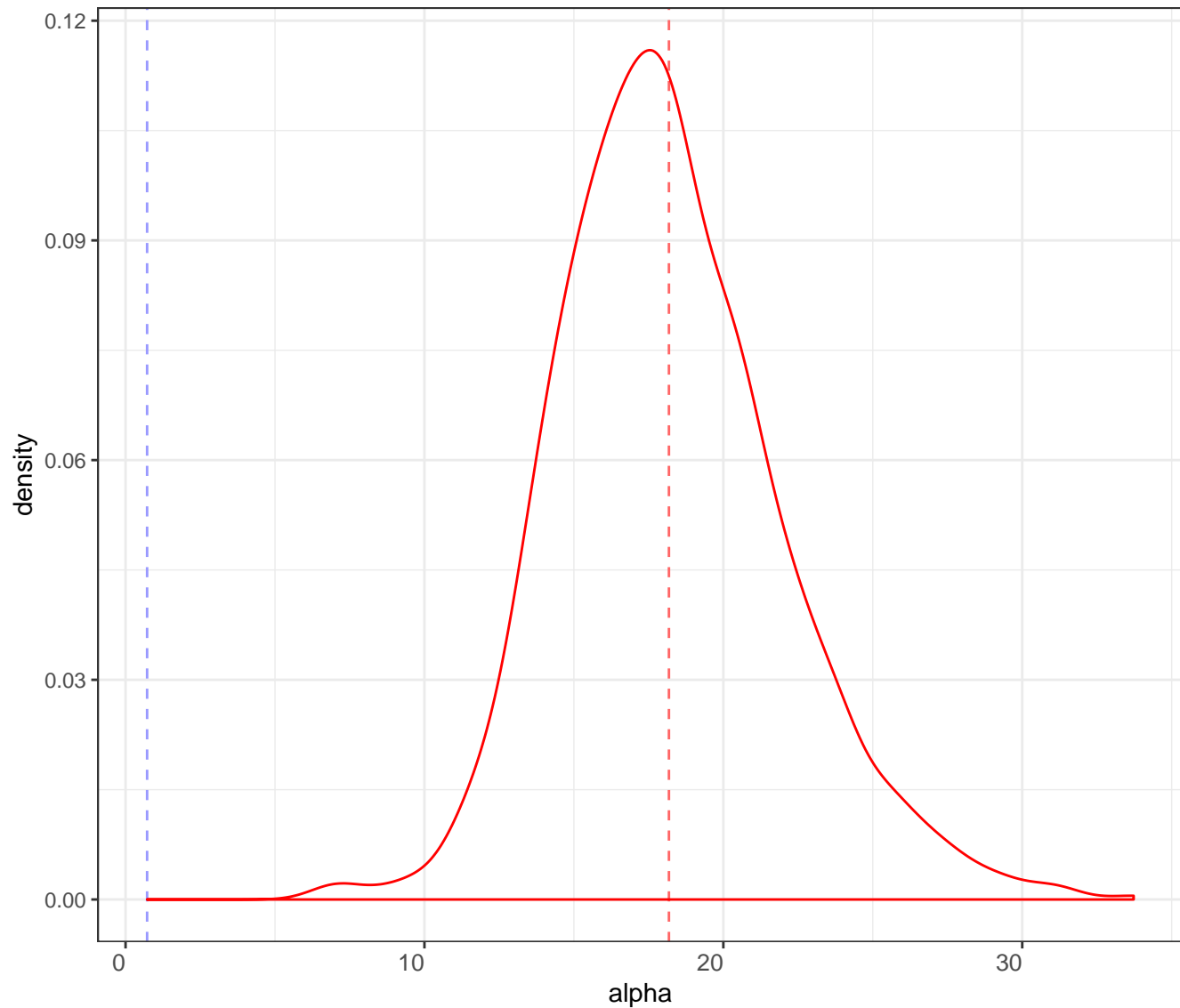Distribution alpha: S=80 ,r=10 true gr K=4 ,type=1 ,N=150

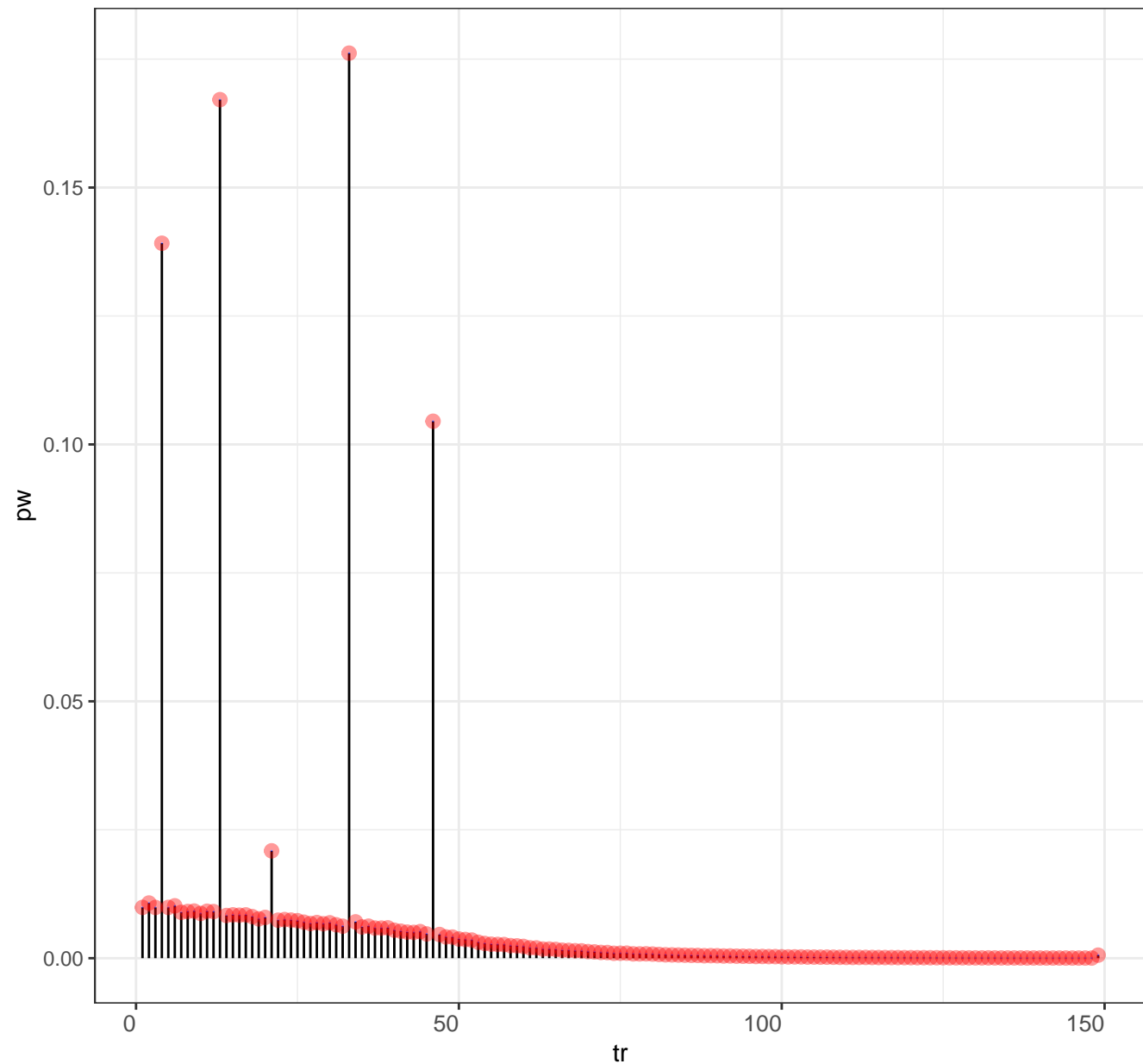Number of iterations: 2000 burnin: 1000 number of samples: 500

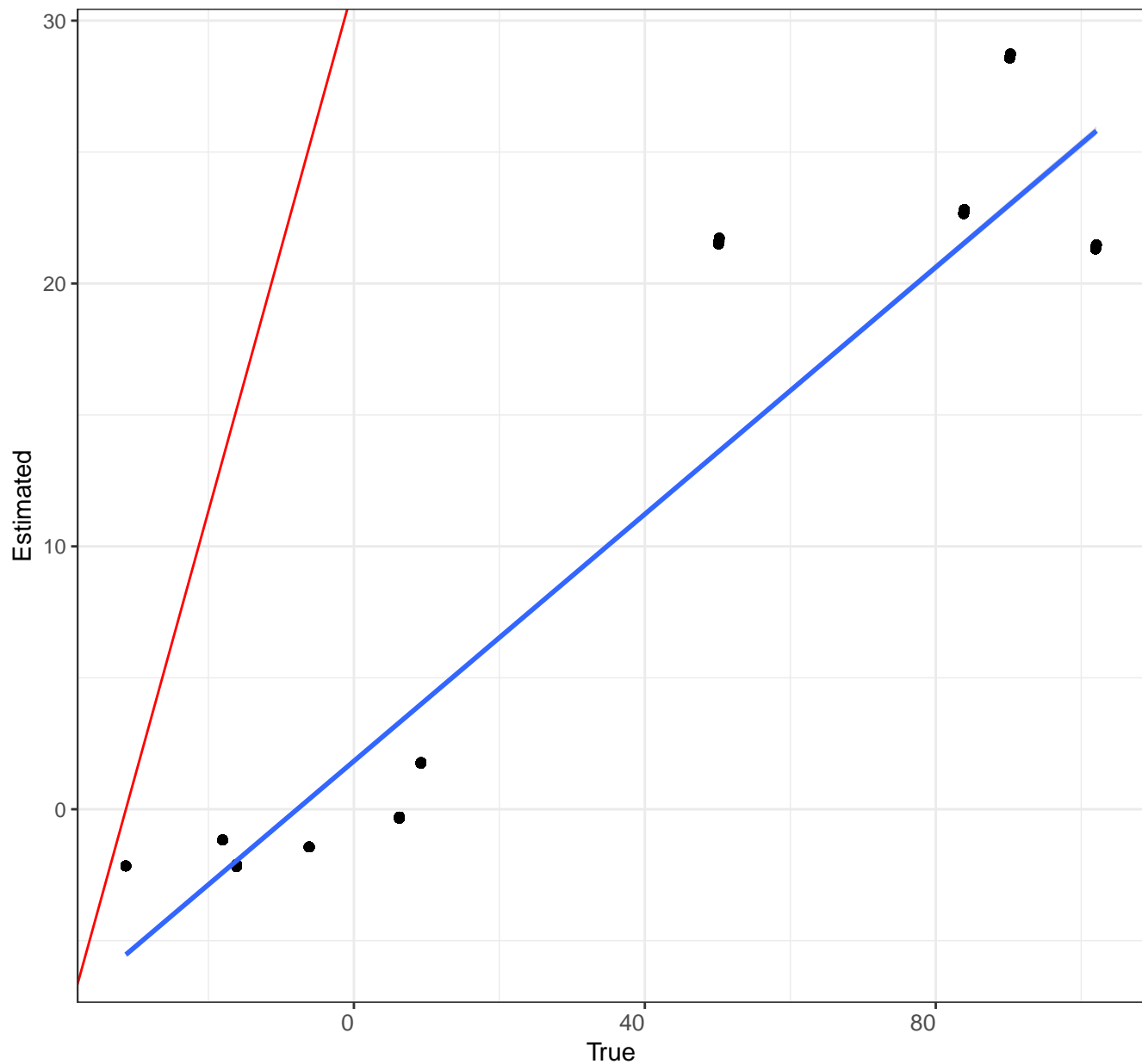Posterior distribution for alpha

Legend   posterior mean   prior mean

Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=10 true gr K=4 ,type=1 ,N=150

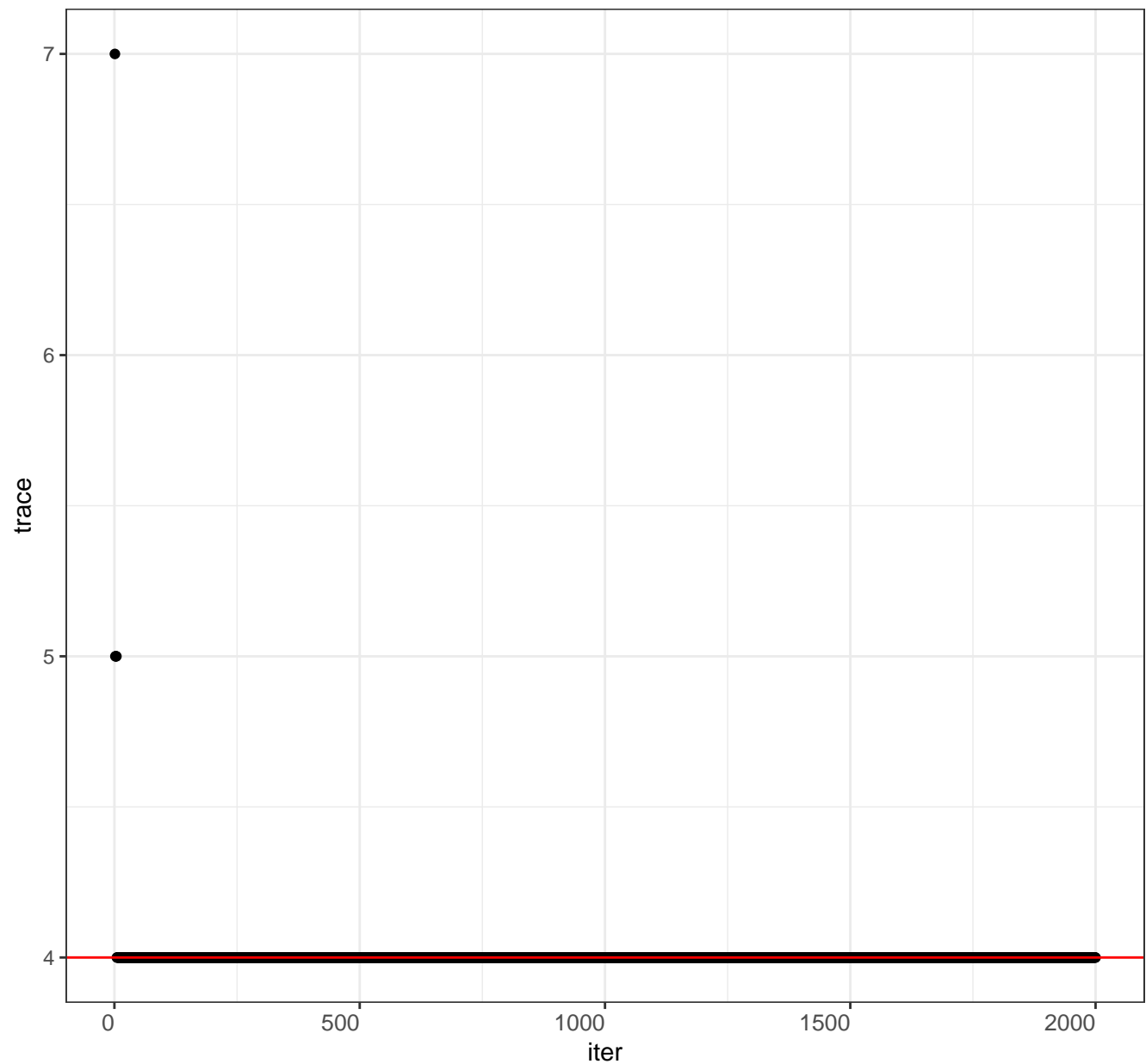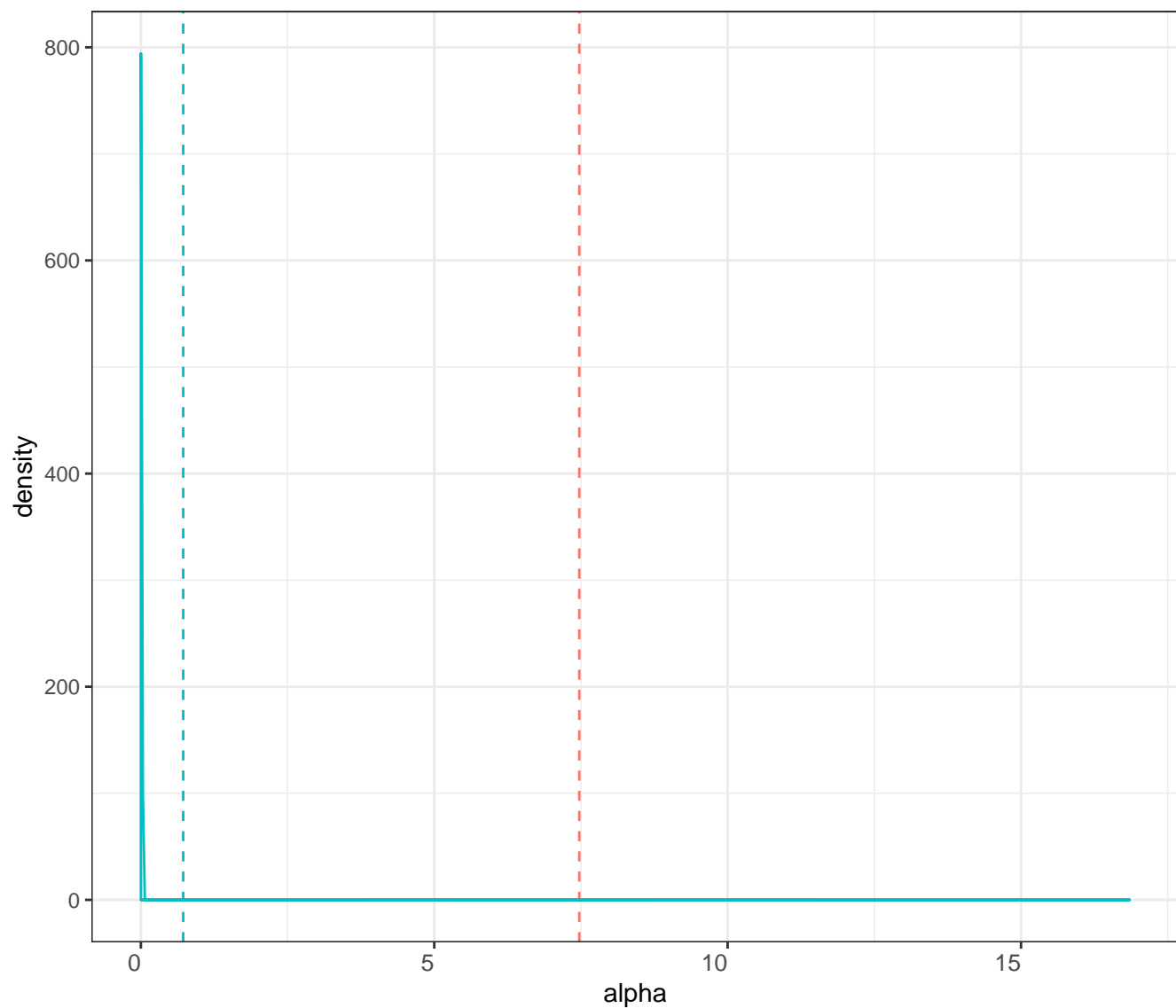Weights for the case: S=80 ,r=10 true gr K=4 ,type=1 ,N=150 pN=0

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

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=80 r=10 true K=4 type=1

Trace plot for the number of groups K for S=80 r=20 true K=4 type=1

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

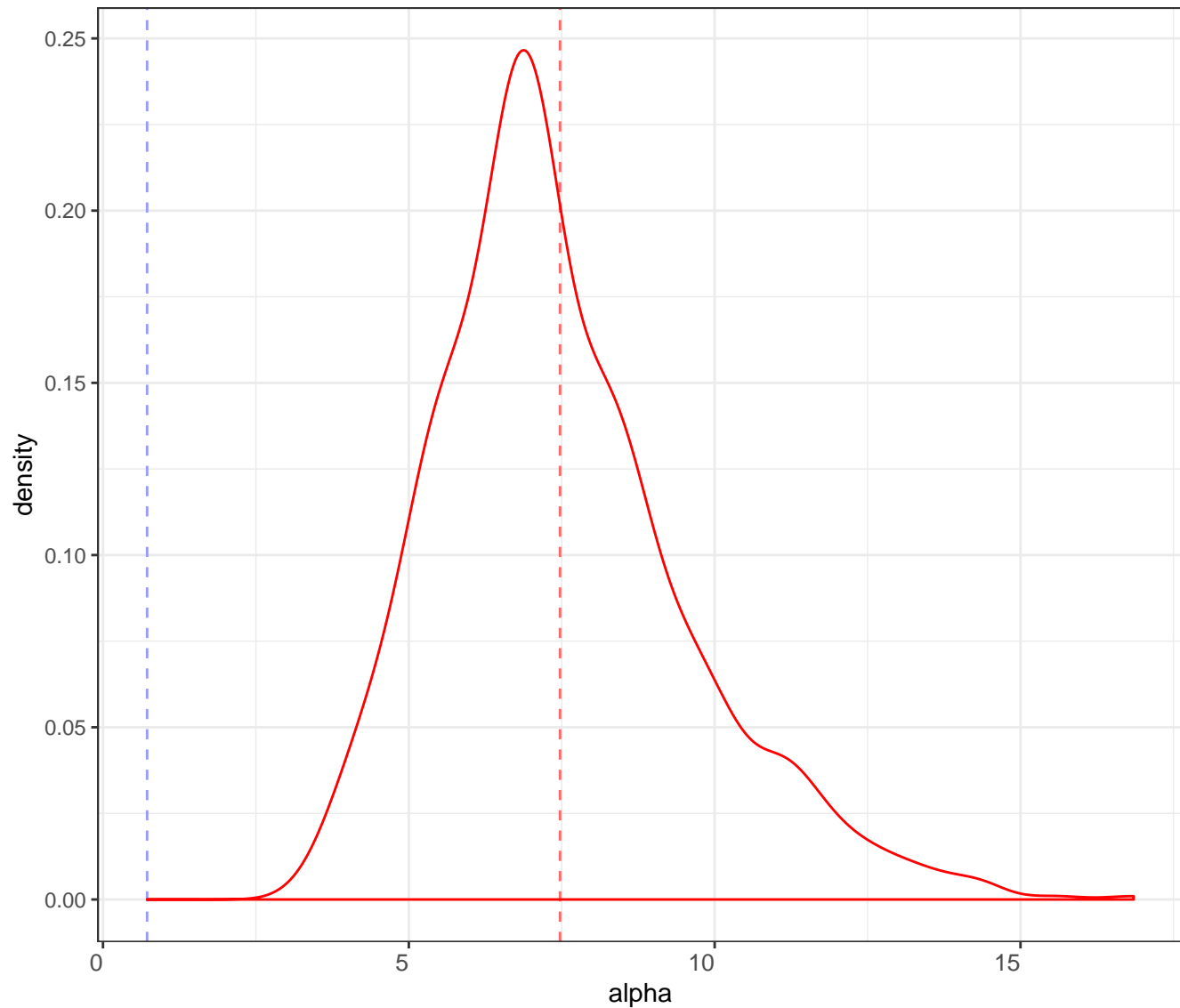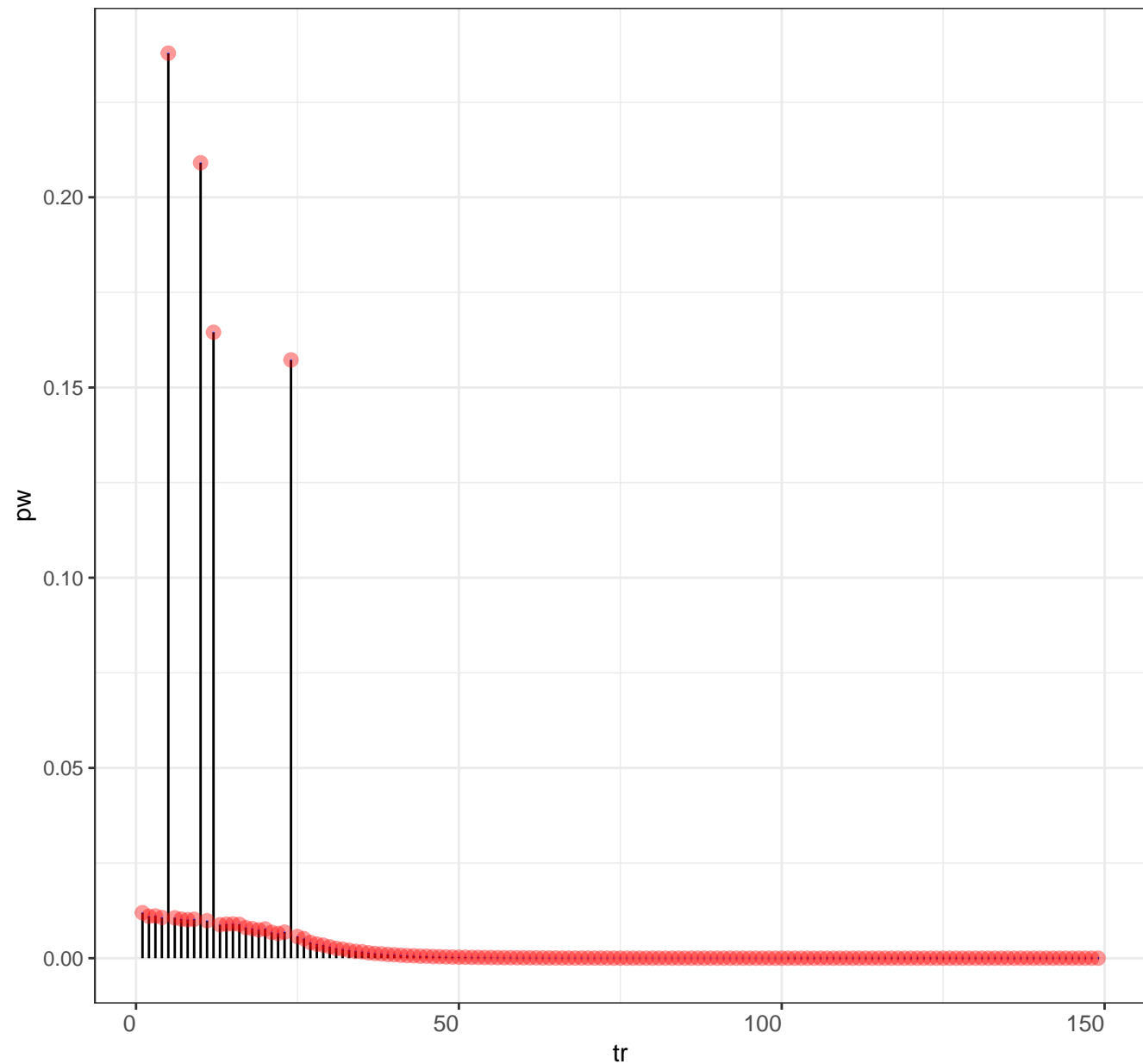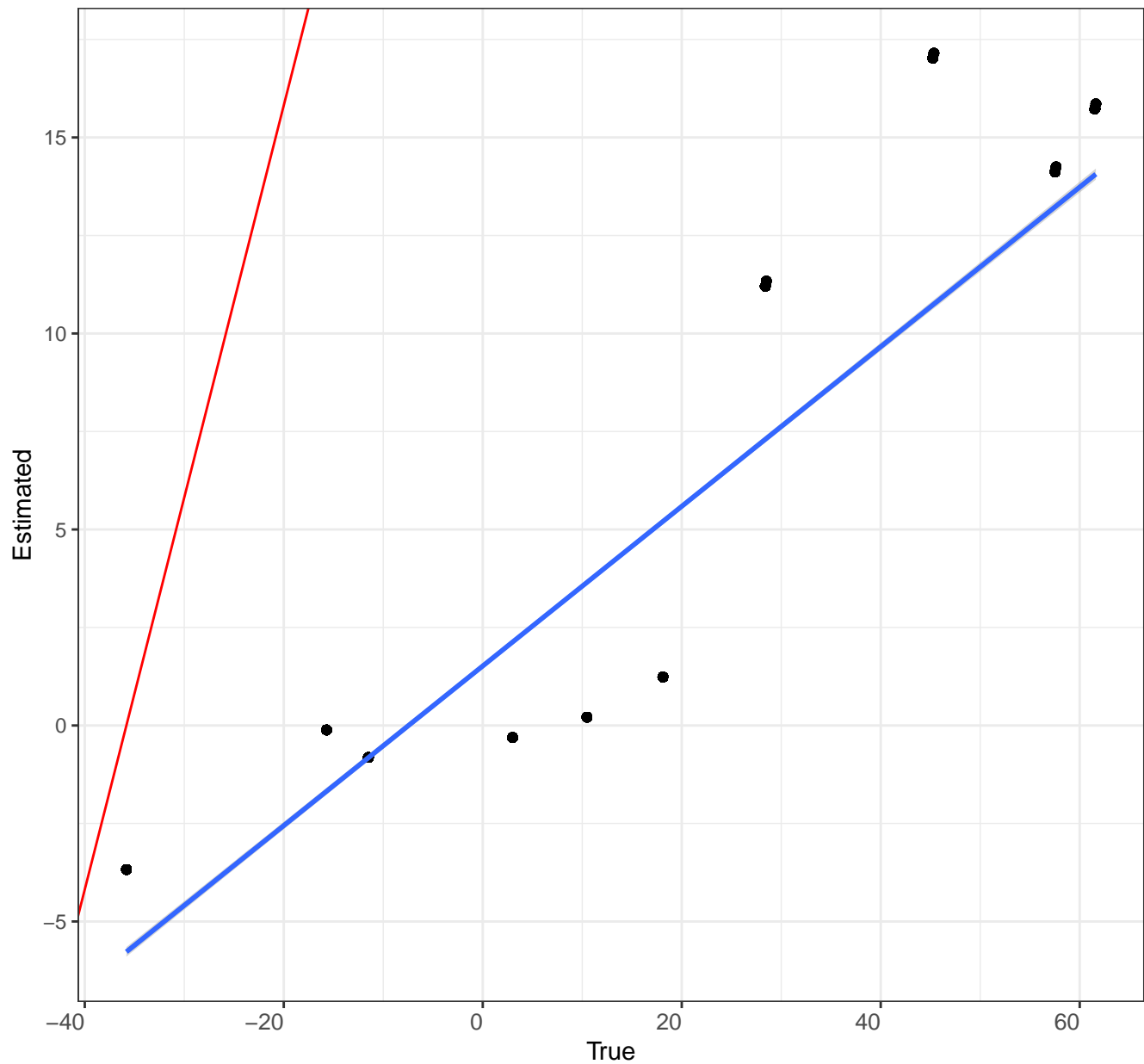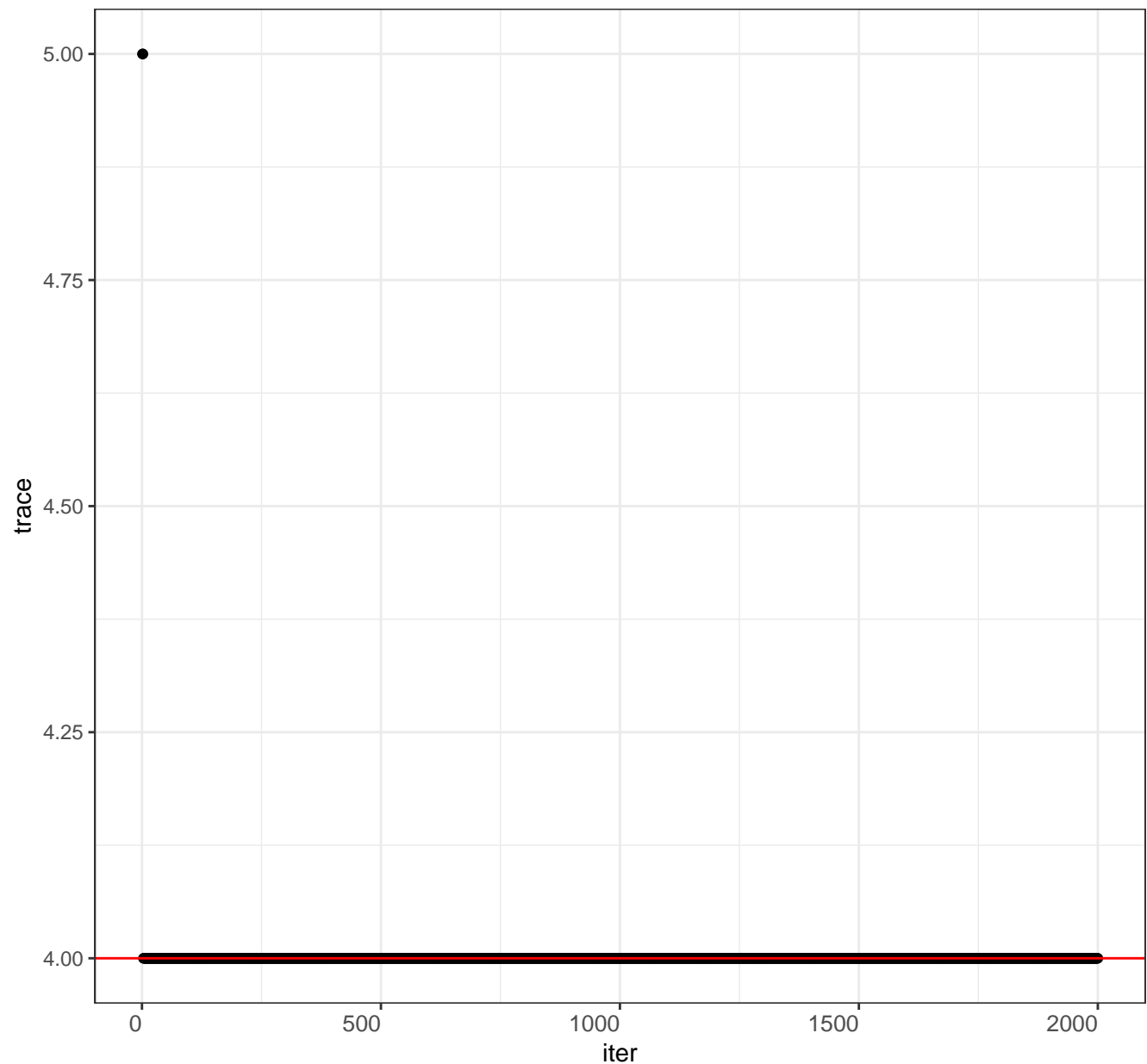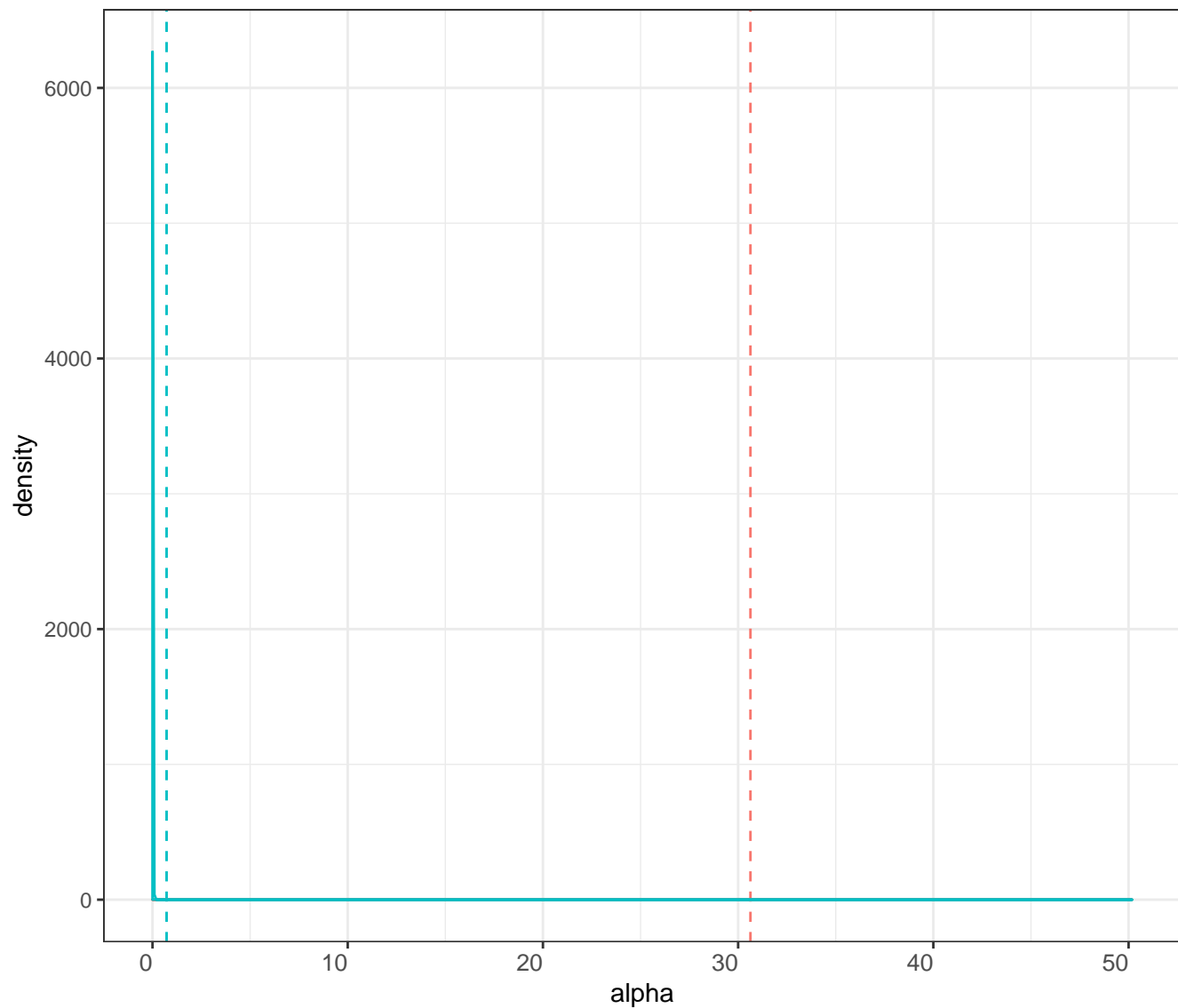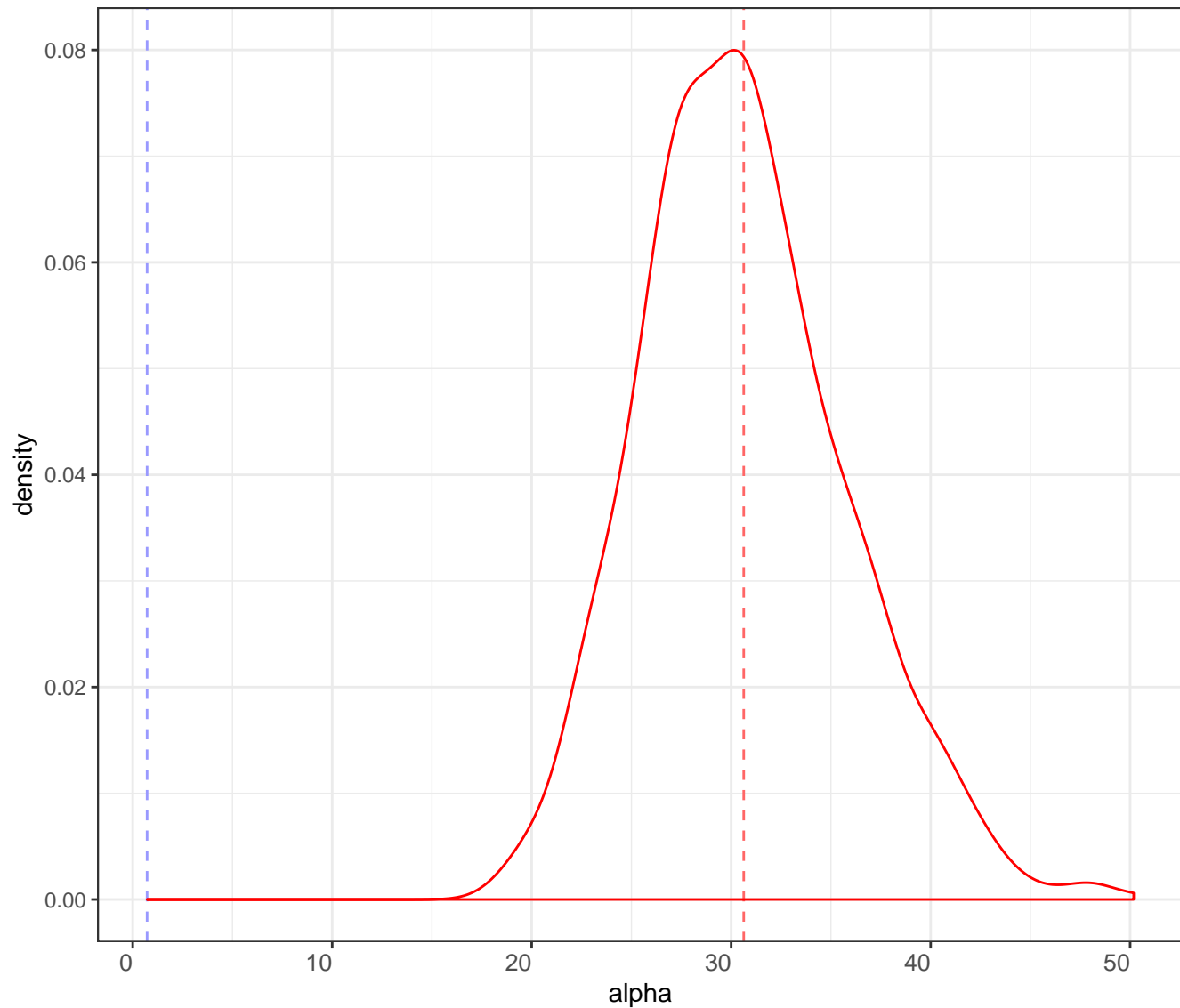Distribution alpha: S=80 ,r=20 true gr K=4 ,type=1 ,N=150

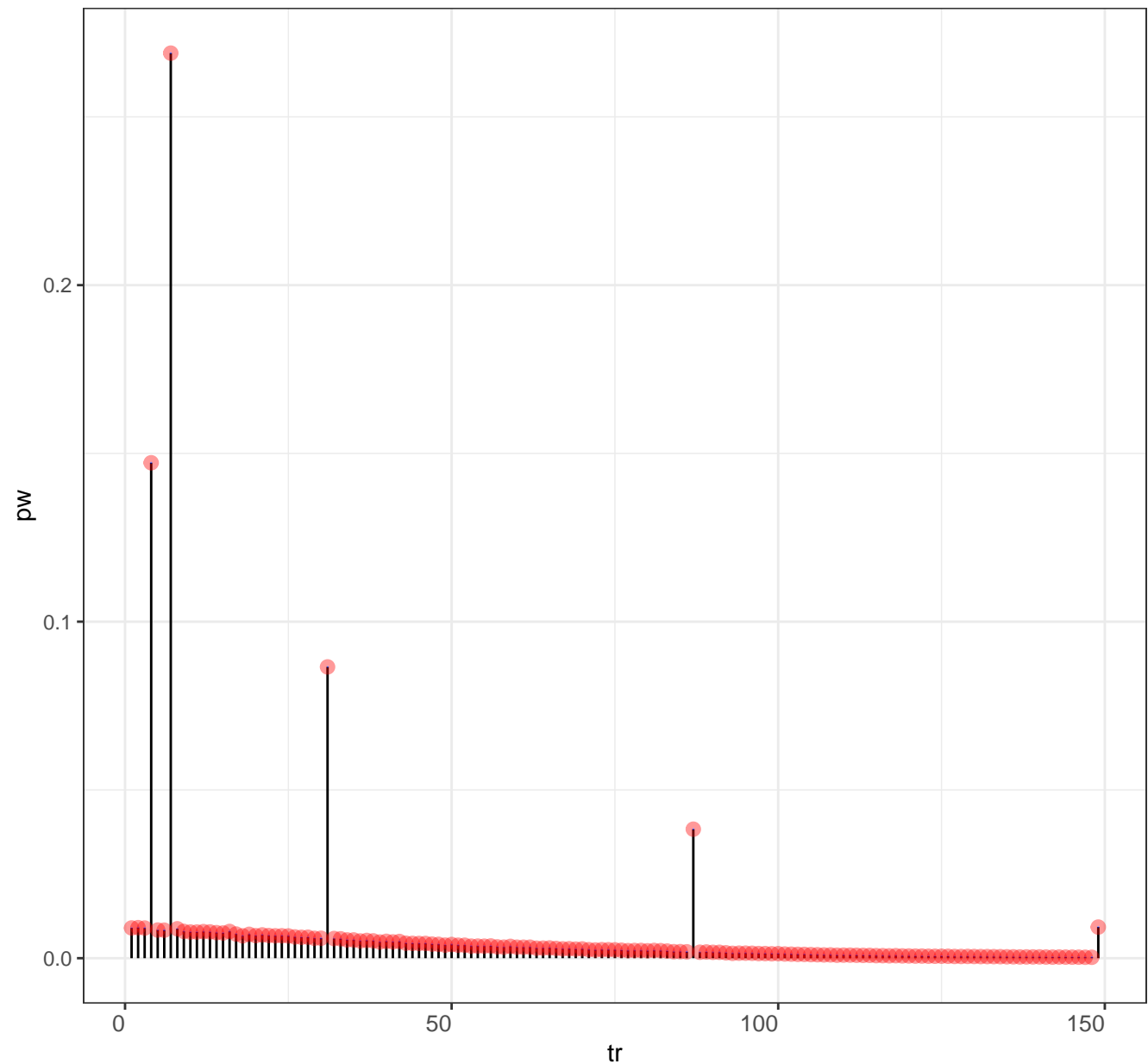Number of iterations: 2000 burnin: 1000 number of samples: 500

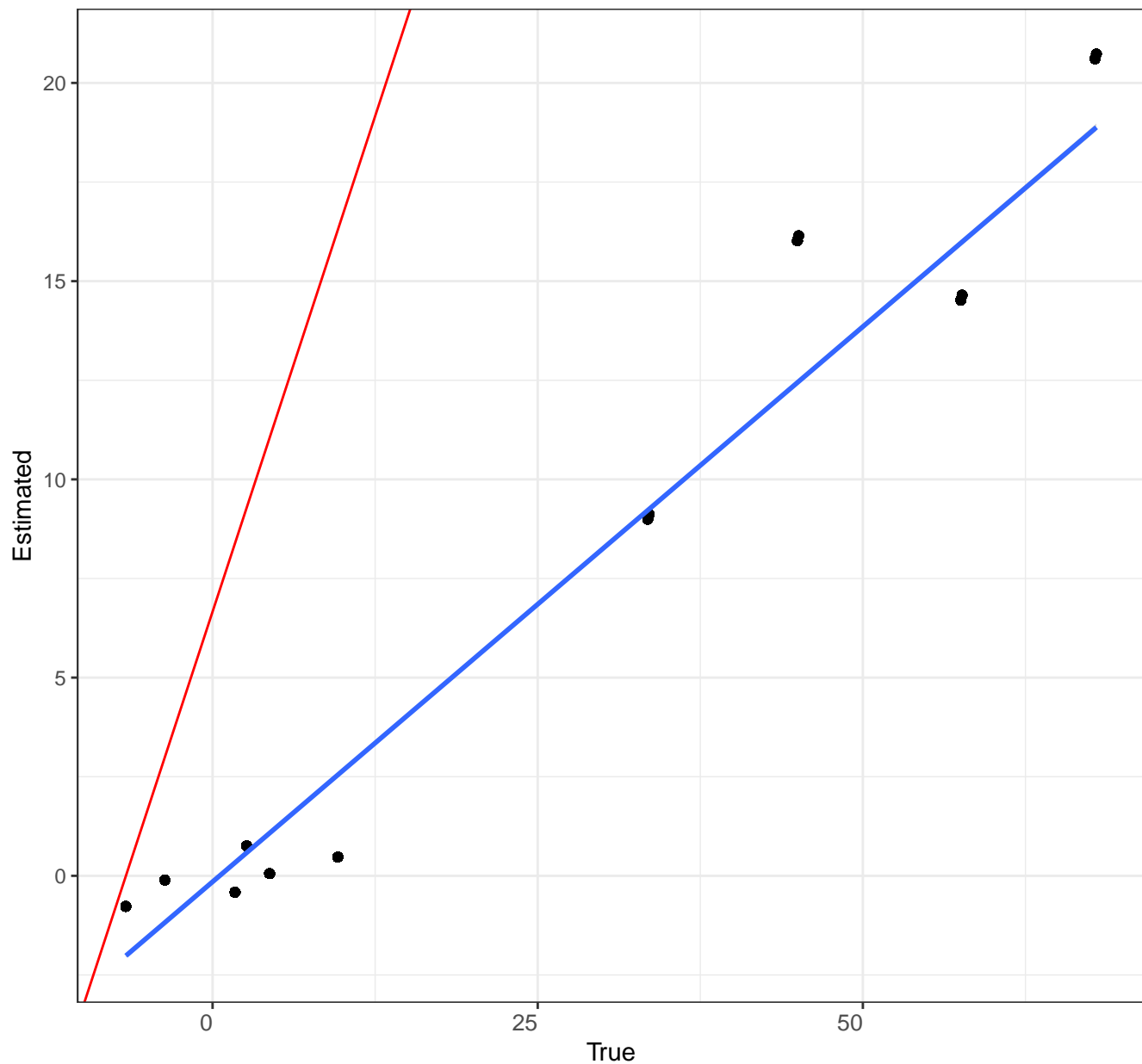Posterior distribution for alpha

Legend   ┆ posterior mean   ┆ prior mean

Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=20 true gr K=4 ,type=1 ,N=150

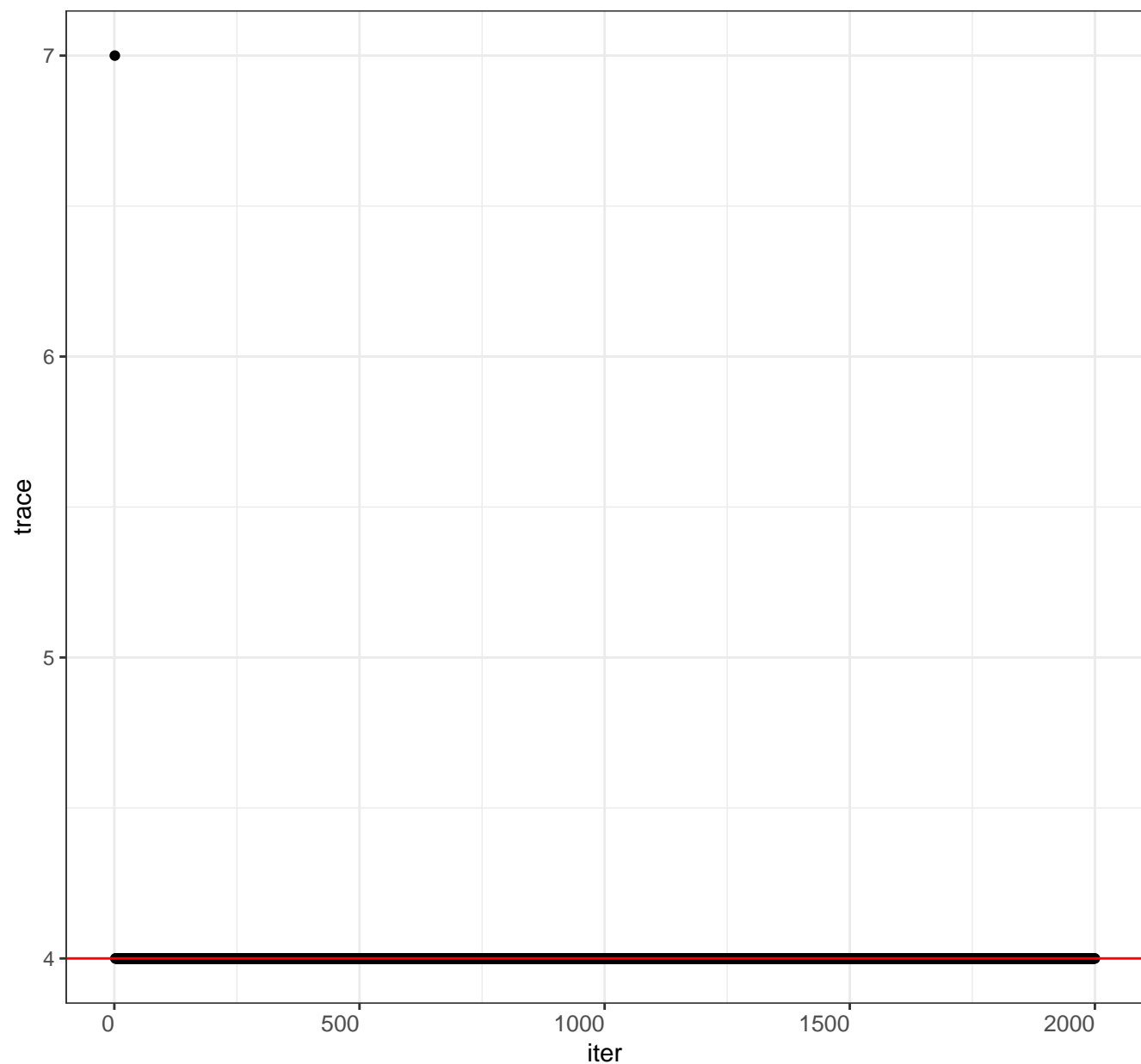Weights for the case: S=80 ,r=20 true gr K=4 ,type=1 ,N=150 pN=0.009

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

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=80 r=20 true K=4 type=1

Trace plot for the number of groups K for S=80 r=20 true K=4 type=1

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

Distribution alpha: S=80 ,r=20 true gr K=4 ,type=1 ,N=150

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

Posterior distribution for alpha

Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=20 true gr K=4 ,type=1 ,N=150

Weights for the case: S=80 ,r=20 true gr K=4 ,type=1 ,N=150 pN=0.004

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

True vs estimated covariance parameters

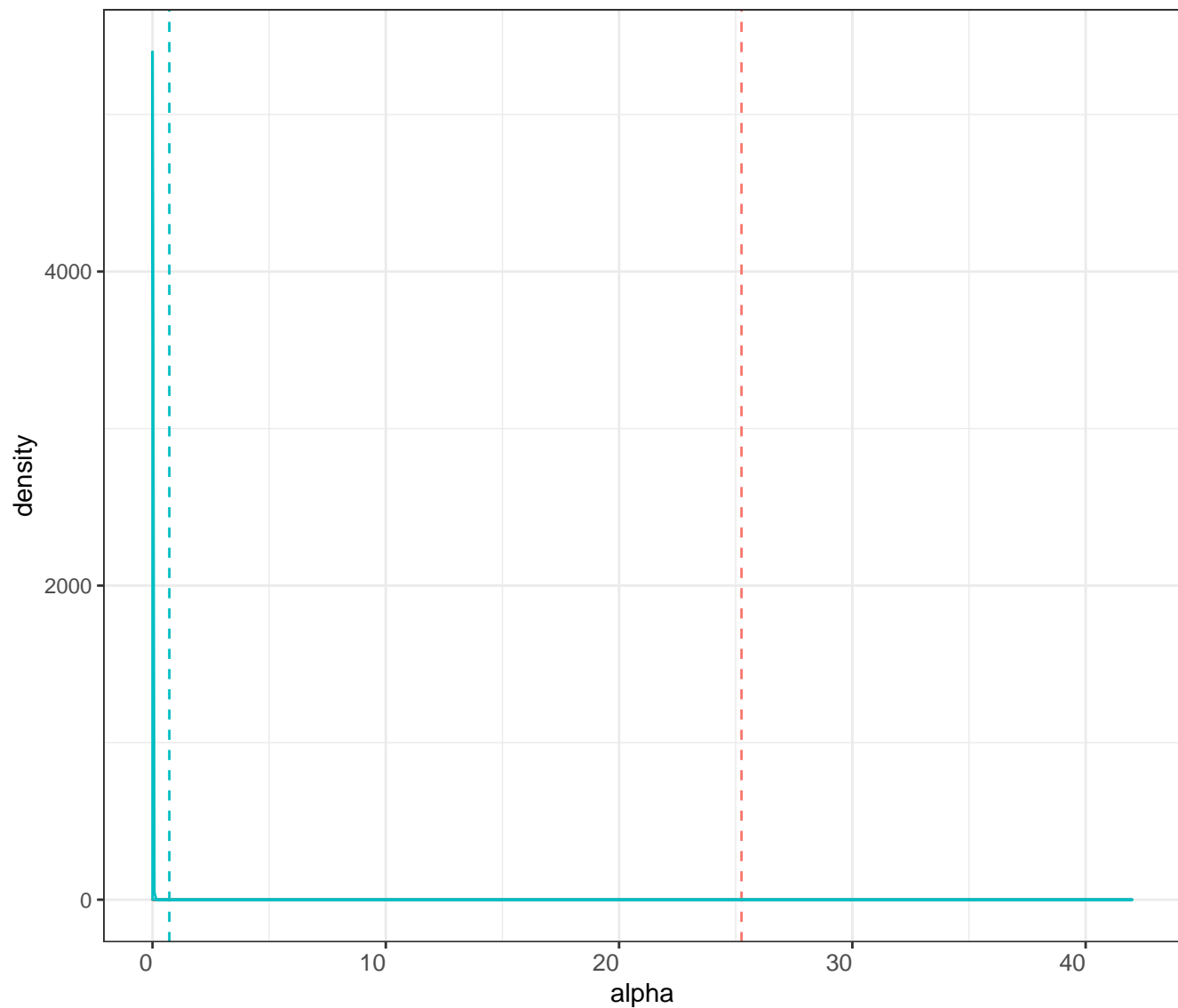Number of iterations: 2000 burnin: 1000number of samples: 500S=80 r=20 true K=4 type=1

Trace plot for the number of groups K for S=80 r=20 true K=4 type=1

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

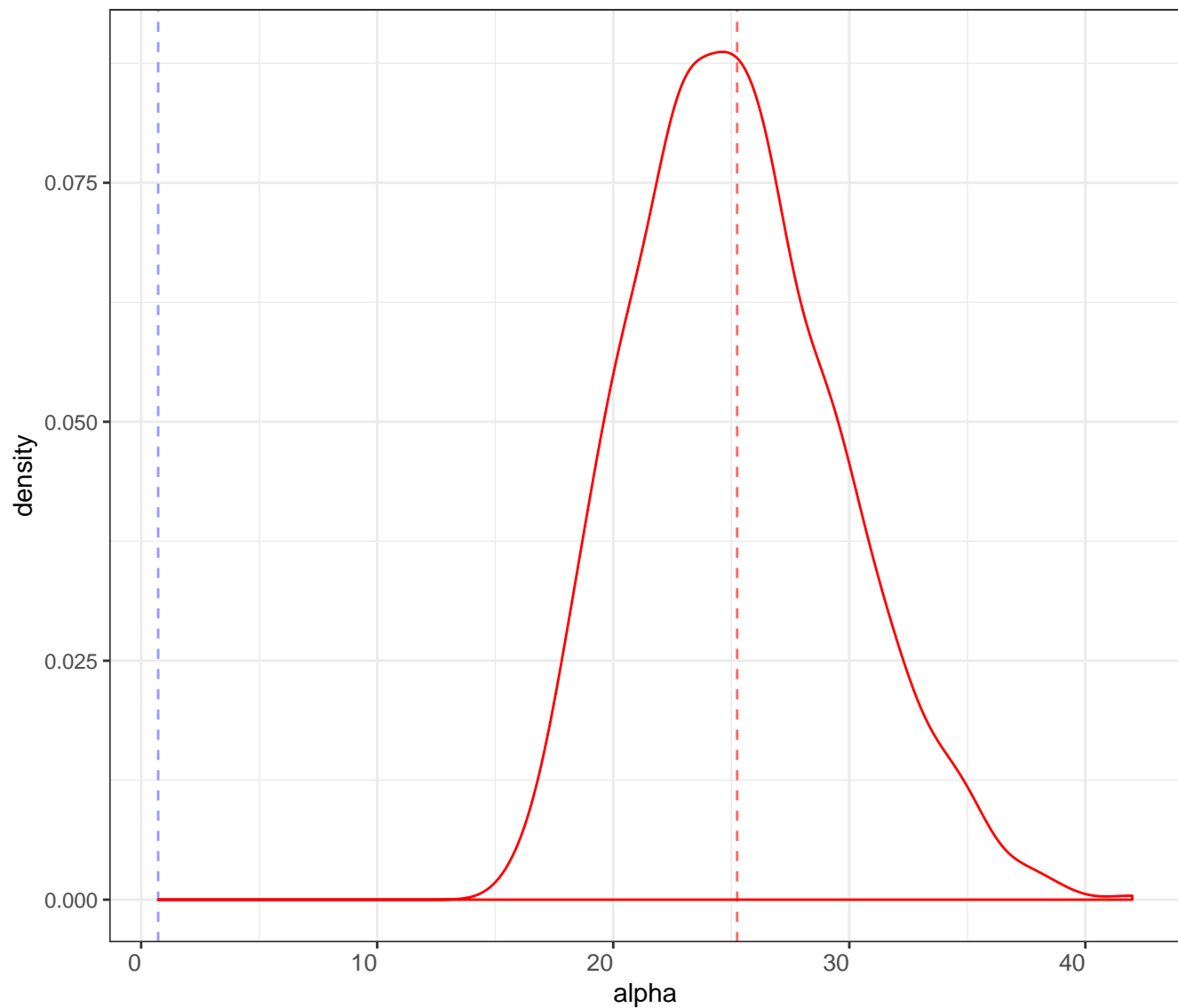Distribution alpha: S=80 ,r=20 true gr K=4 ,type=1 ,N=150

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

Posterior distribution for alpha

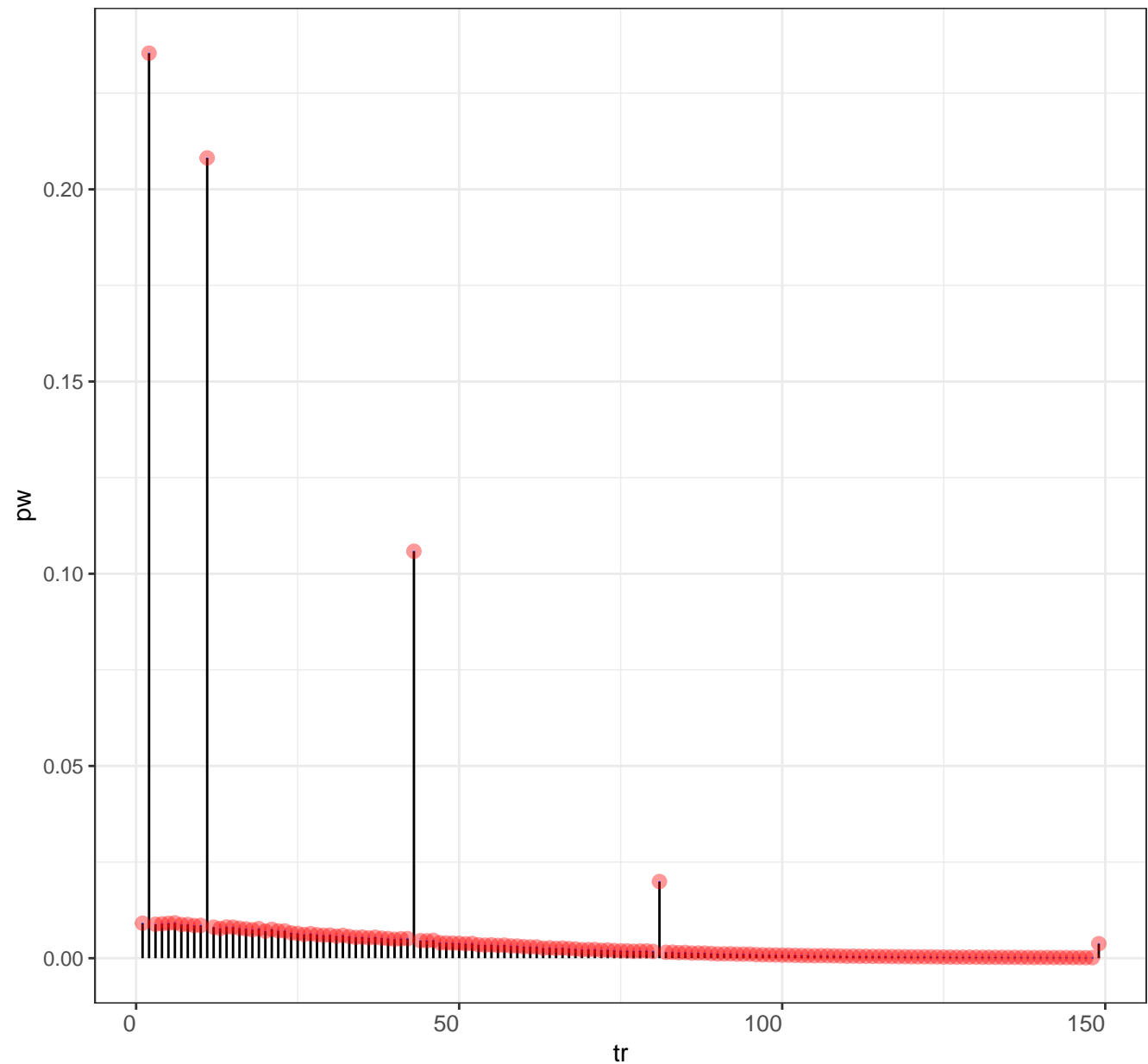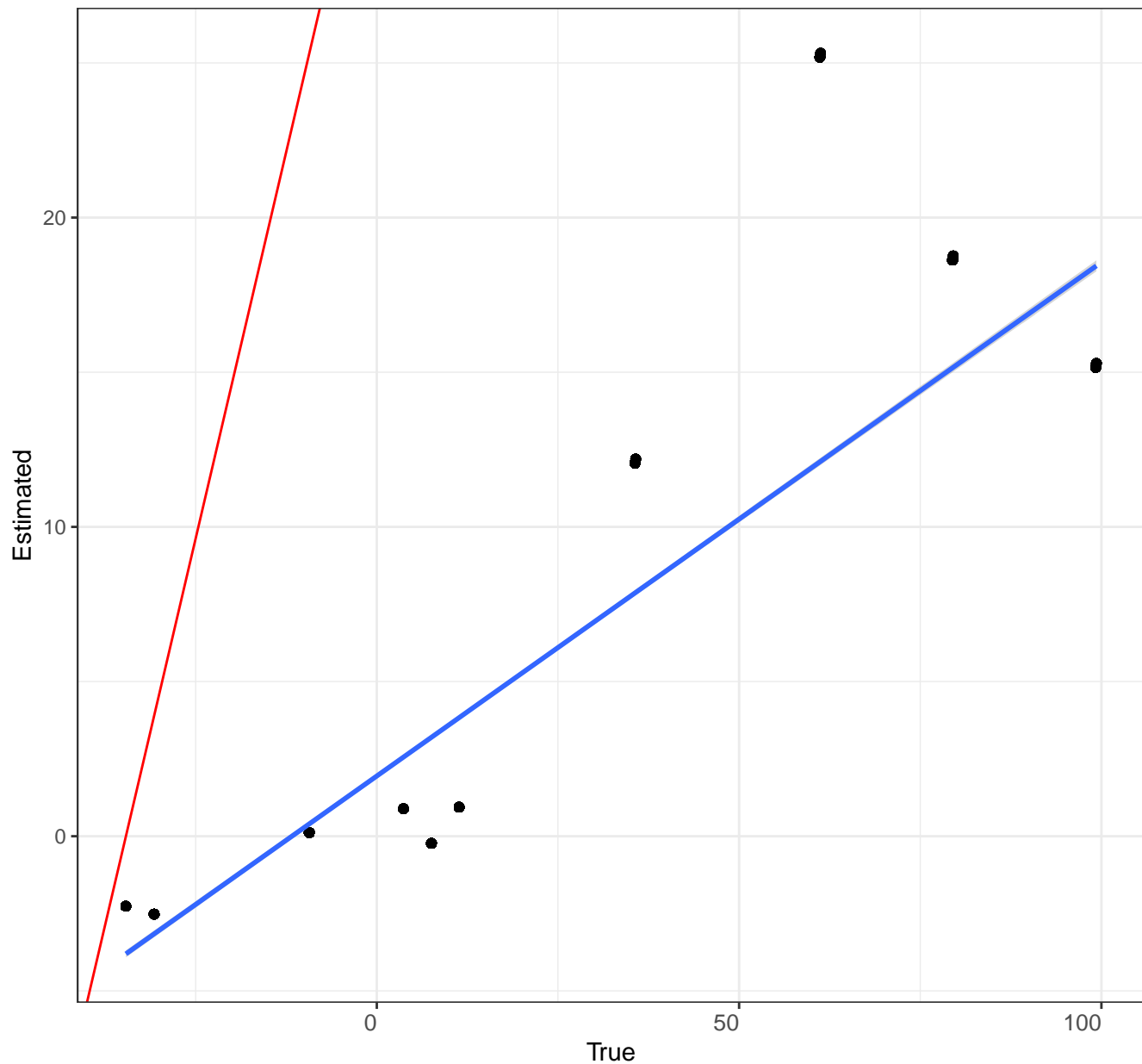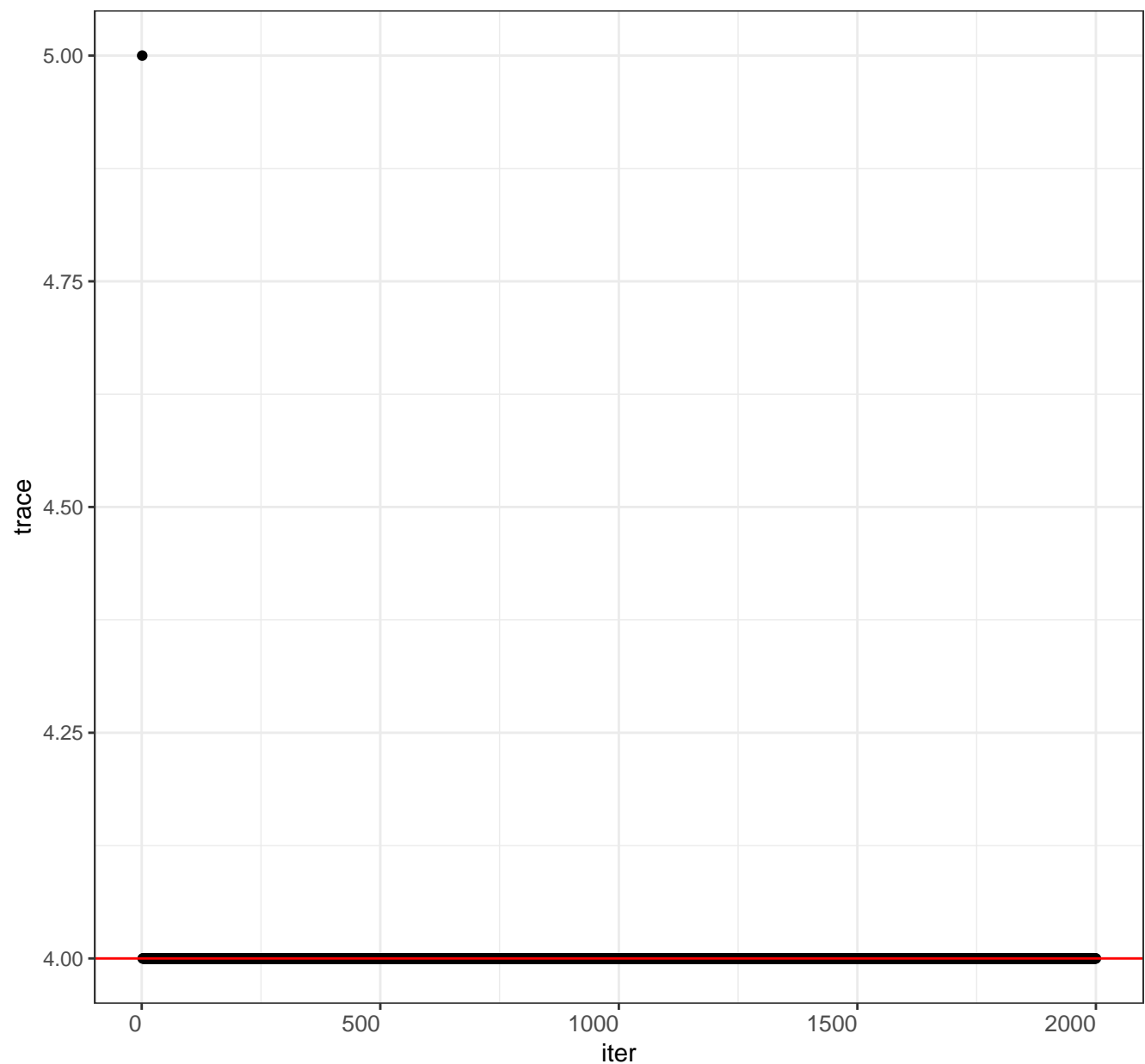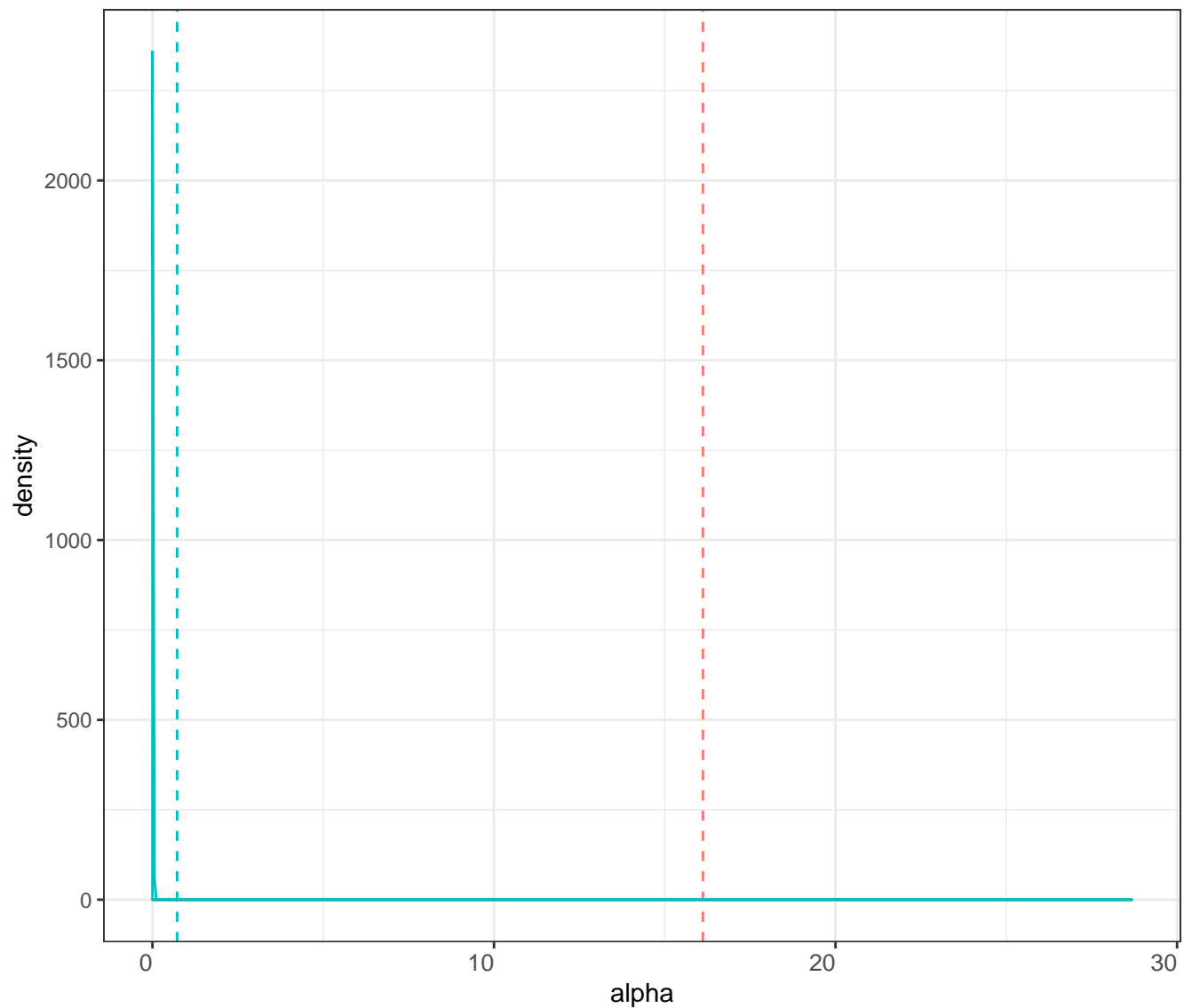Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=20 true gr K=4 ,type=1 ,N=150

Weights for the case: S=80 ,r=20 true gr K=4 ,type=1 ,N=150 pN=0

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

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=80 r=20 true K=4 type=1

Trace plot for the number of groups K for S=80 r=20 true K=4 type=1

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

Distribution alpha: S=80 ,r=20 true gr K=4 ,type=1 ,N=150

type [posterior] [prior]

Number of iterations: 2000 burnin: 1000 number of samples: 500
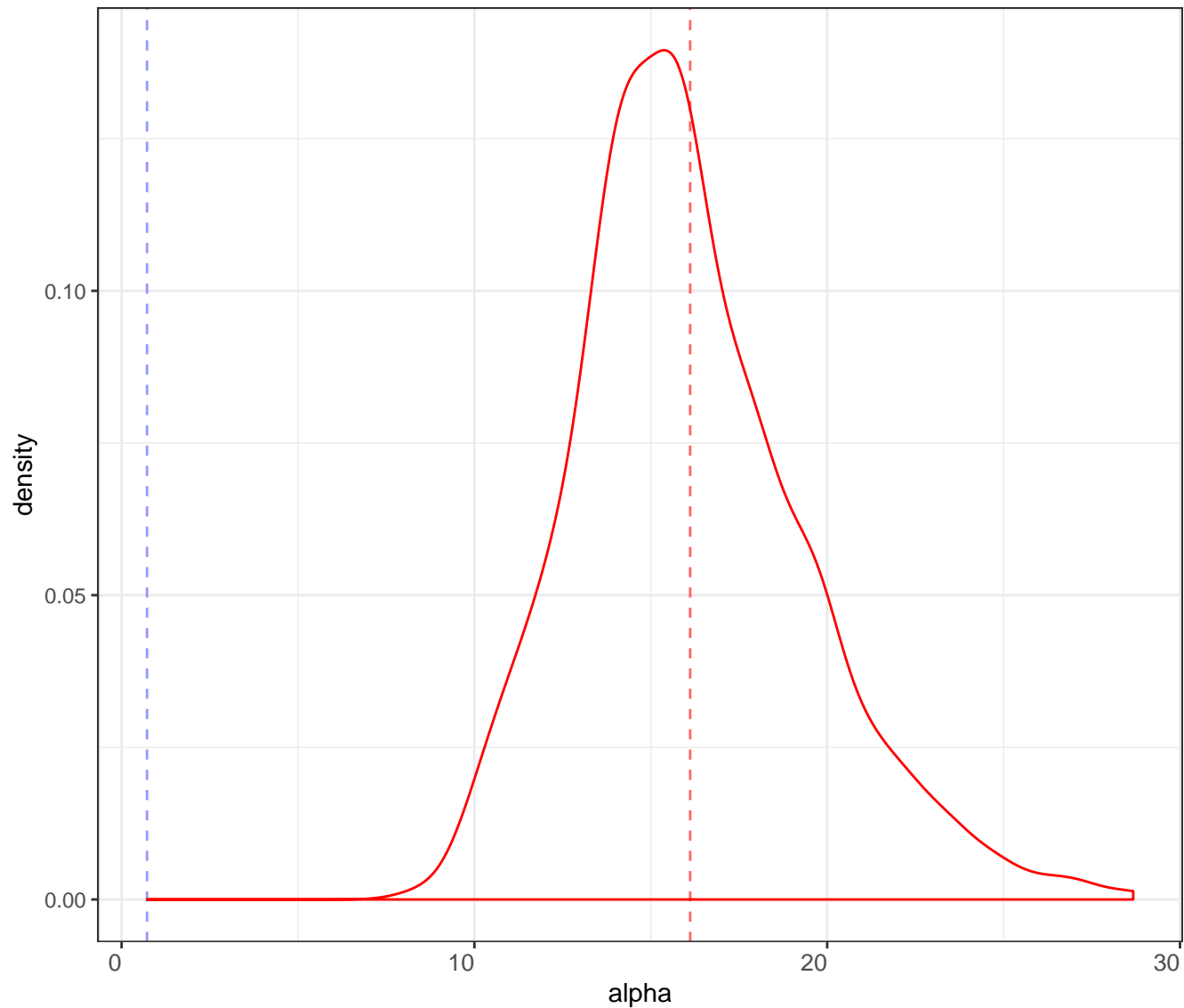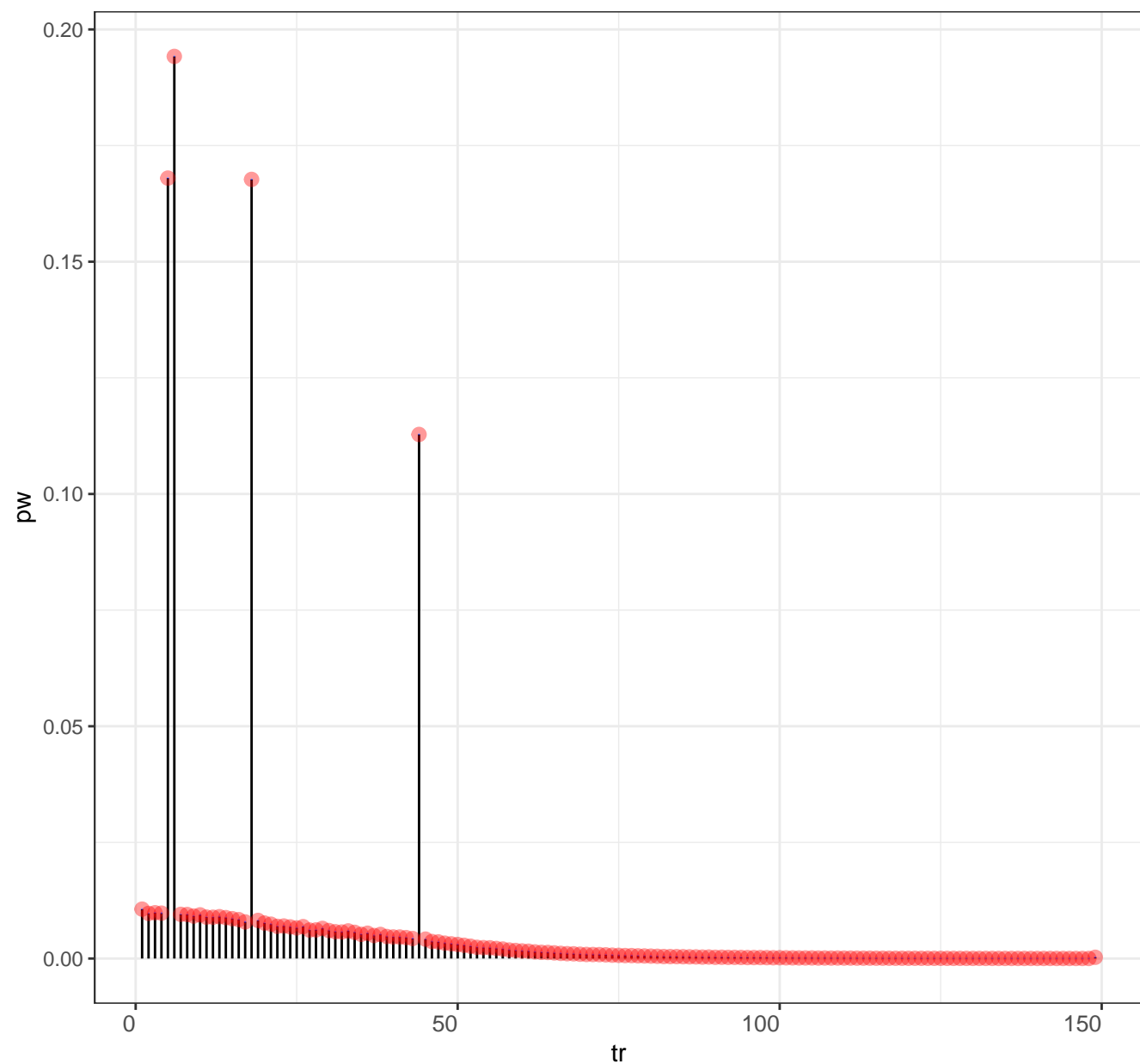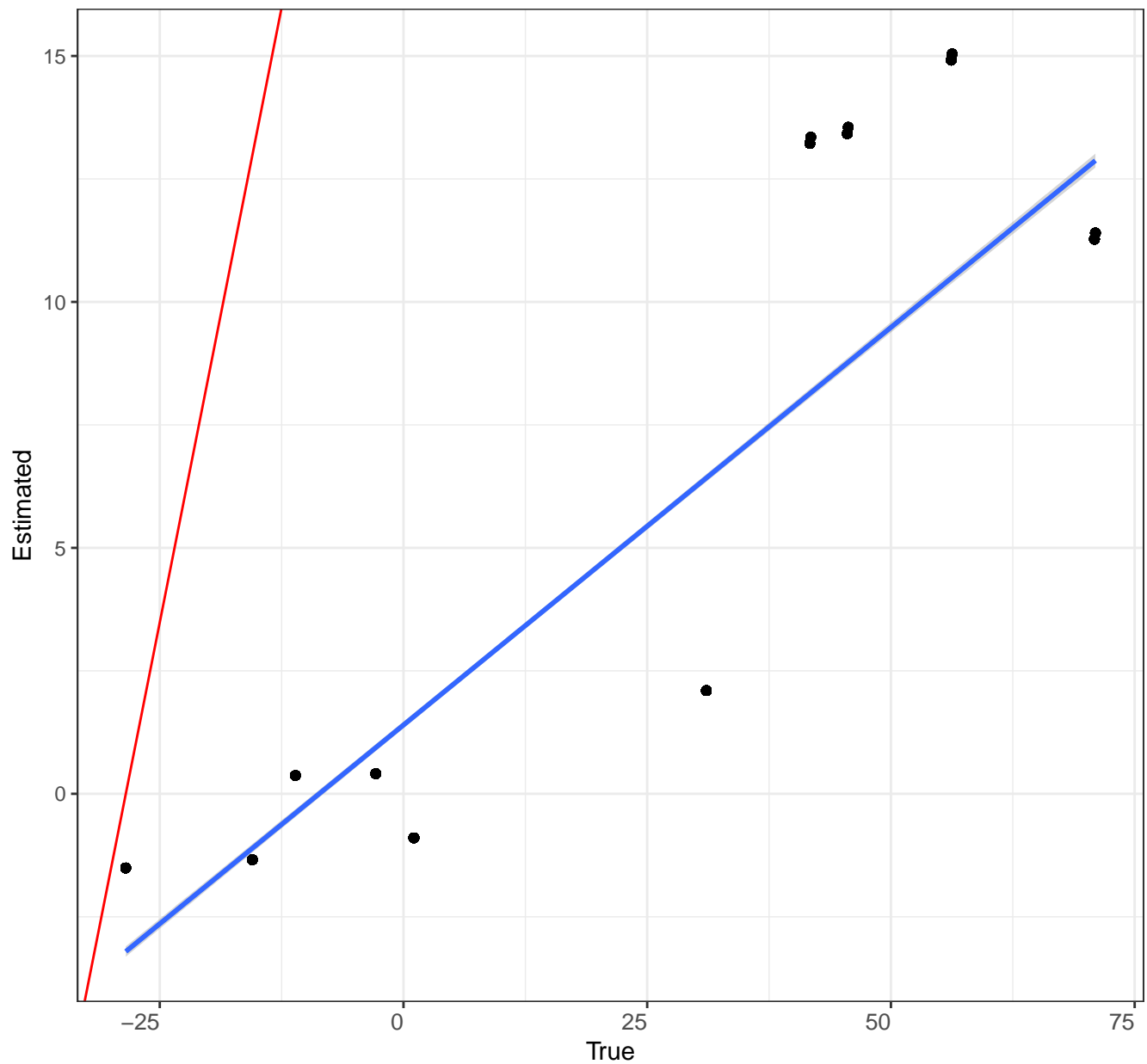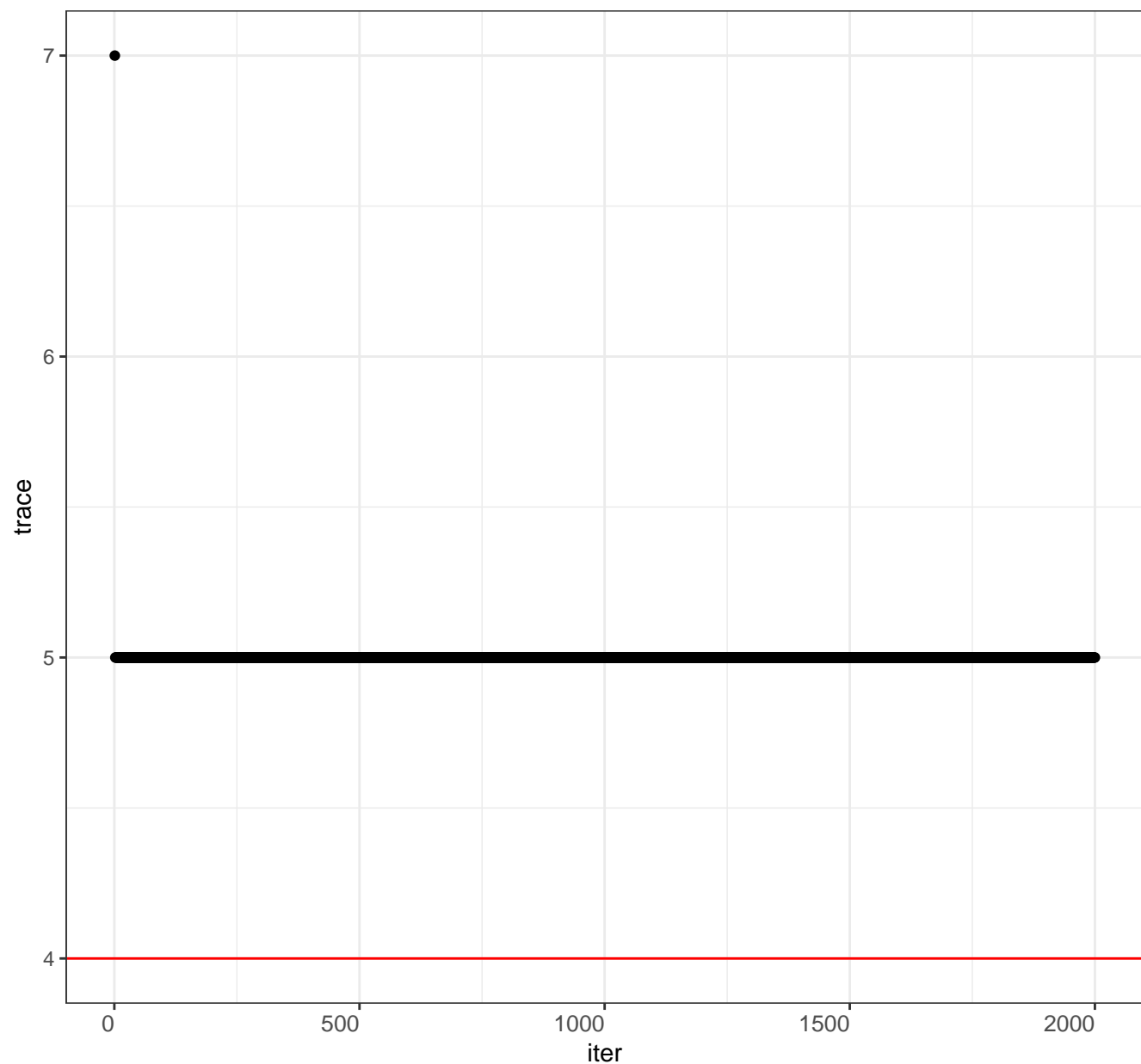
Posterior distribution for alpha

Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=20 true gr K=4 ,type=1 ,N=150

Weights for the case: S=80 ,r=20 true gr K=4 ,type=1 ,N=150 pN=0.02

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

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=80 r=20 true K=4 type=1

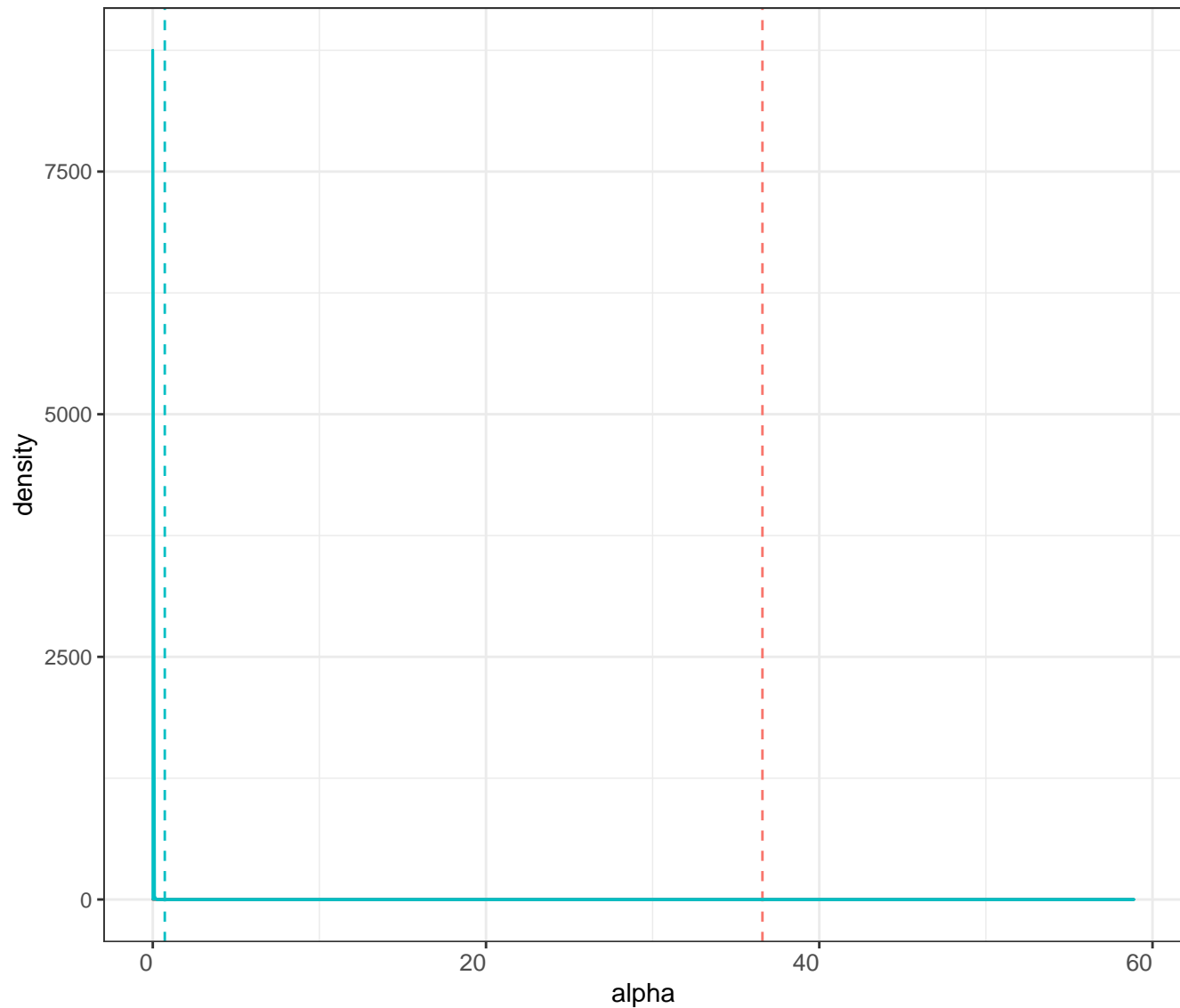Trace plot for the number of groups K for S=80 r=20 true K=4 type=1

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

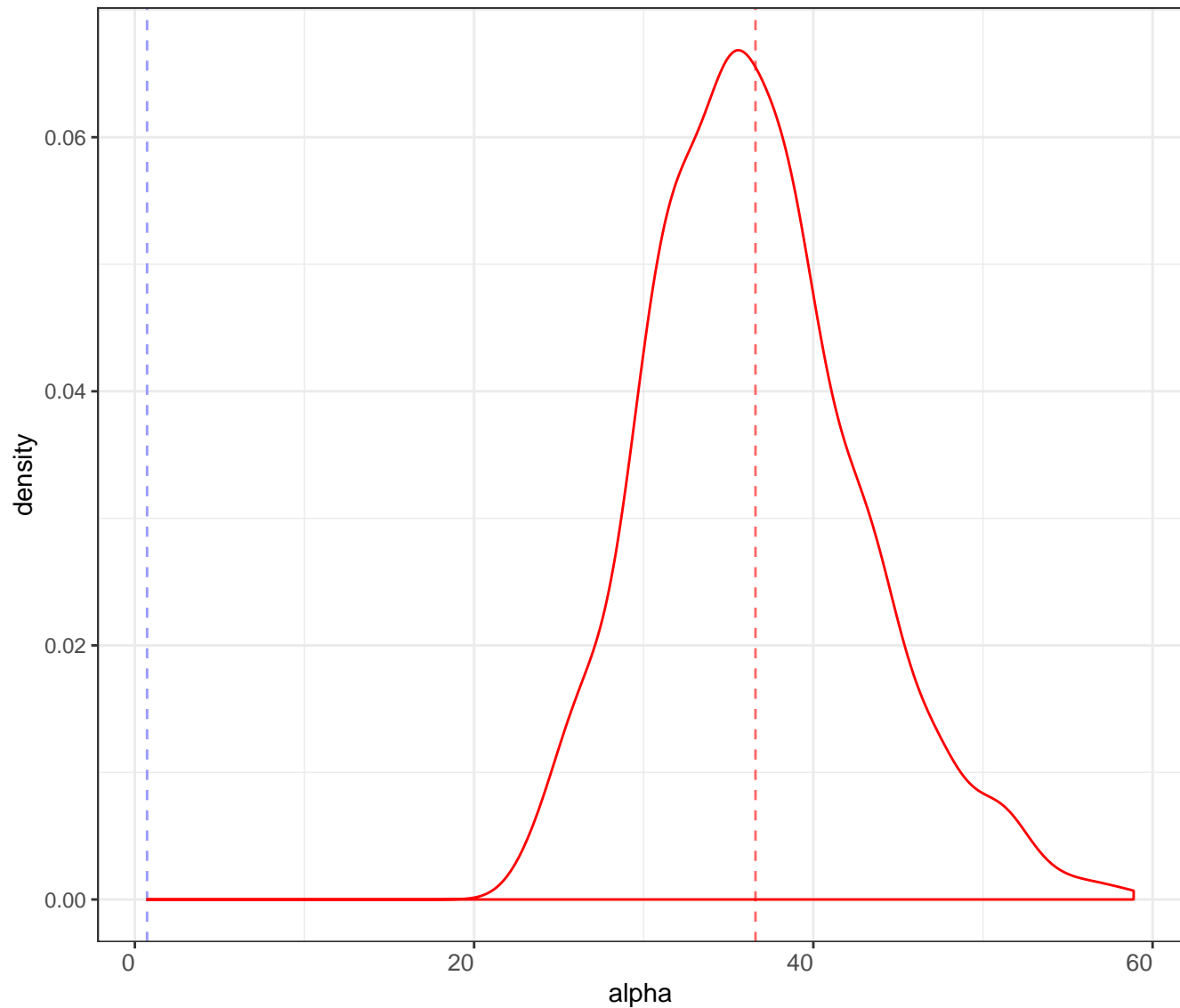Distribution alpha: S=80 ,r=20 true gr K=4 ,type=1 ,N=150

type [posterior] [prior]

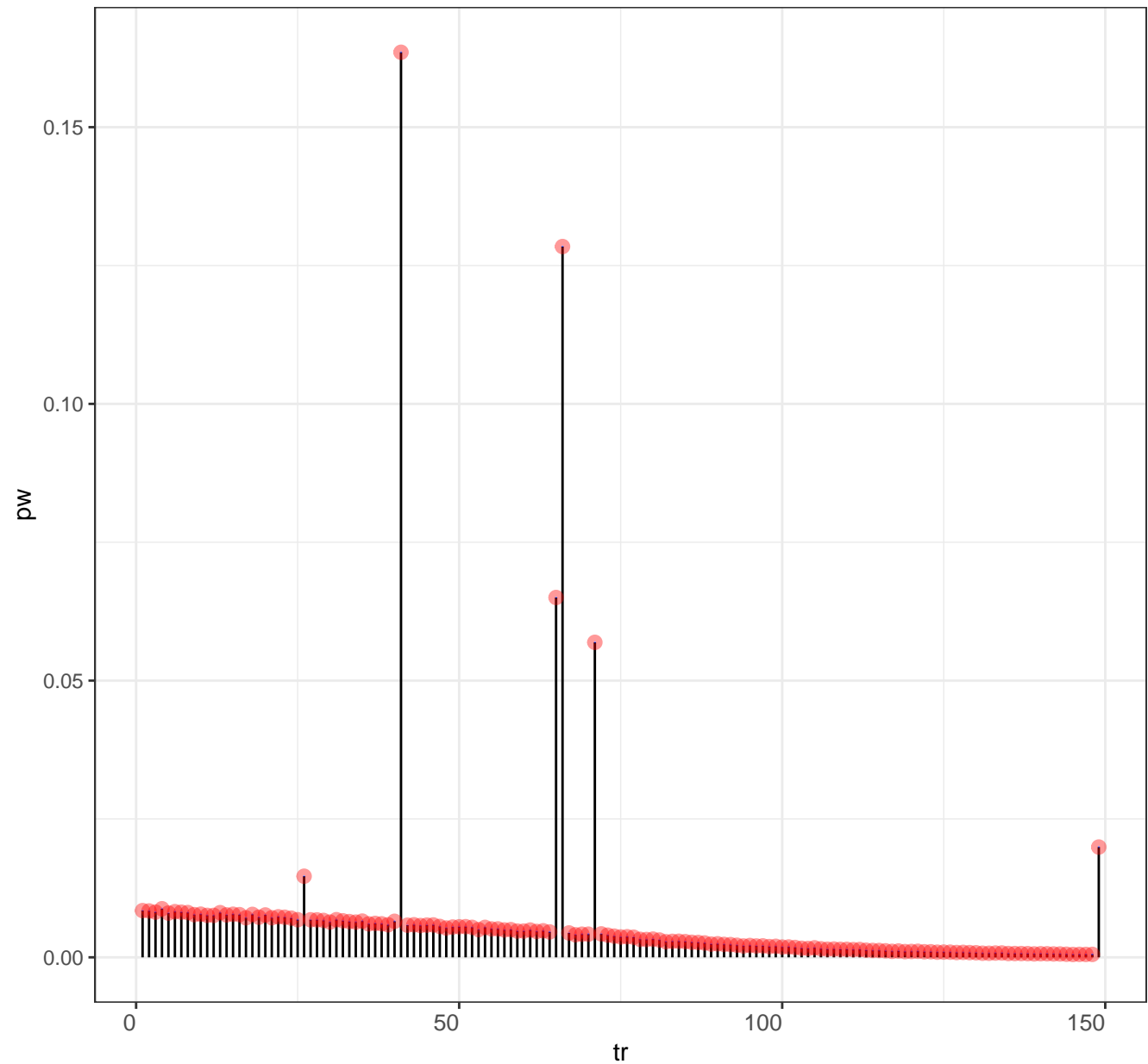Number of iterations: 2000 burnin: 1000 number of samples: 500

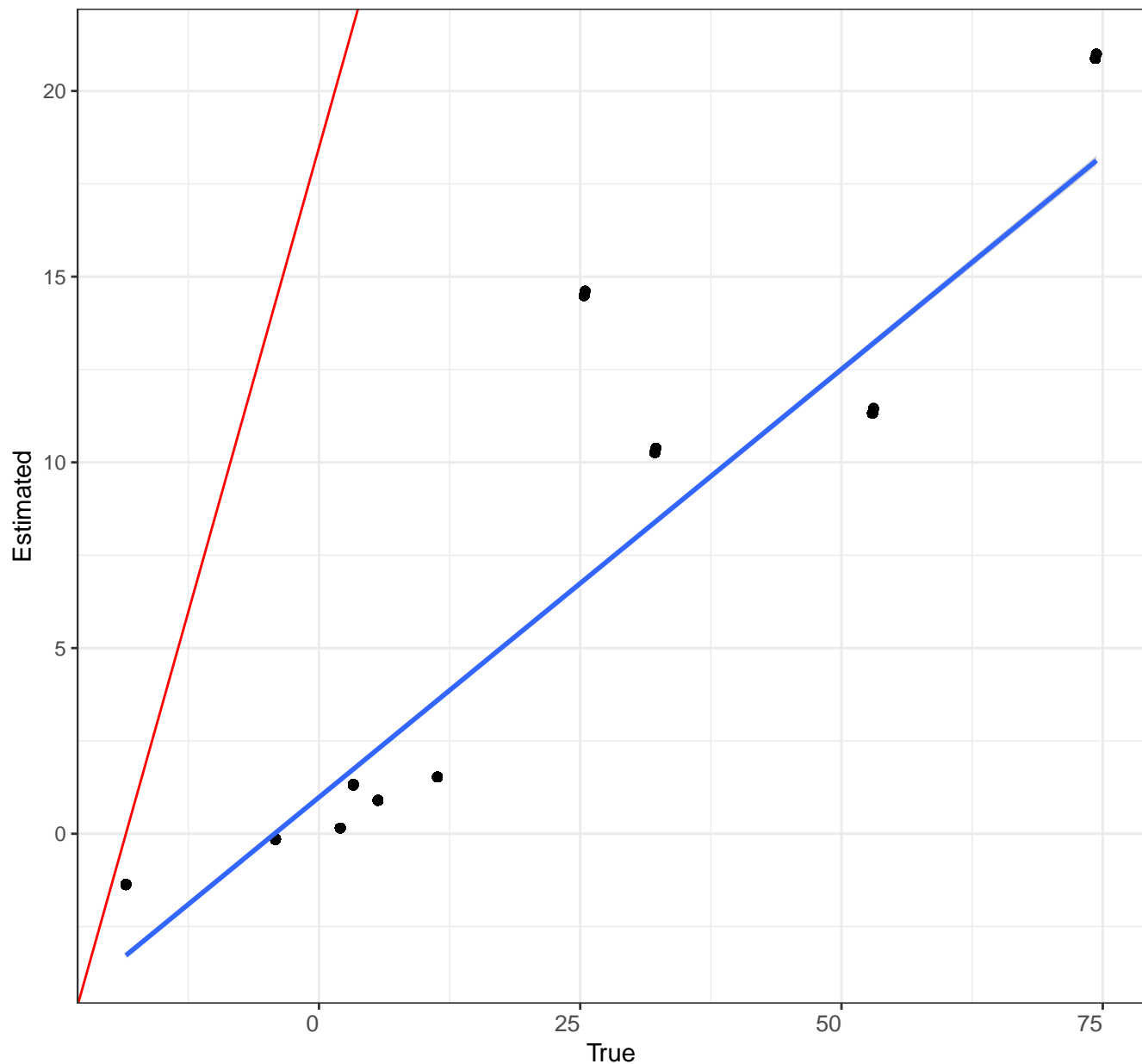# Posterior distribution for alpha

Legend ┊ posterior mean ┊ prior mean

Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=20 true gr K=4 ,type=1 ,N=150

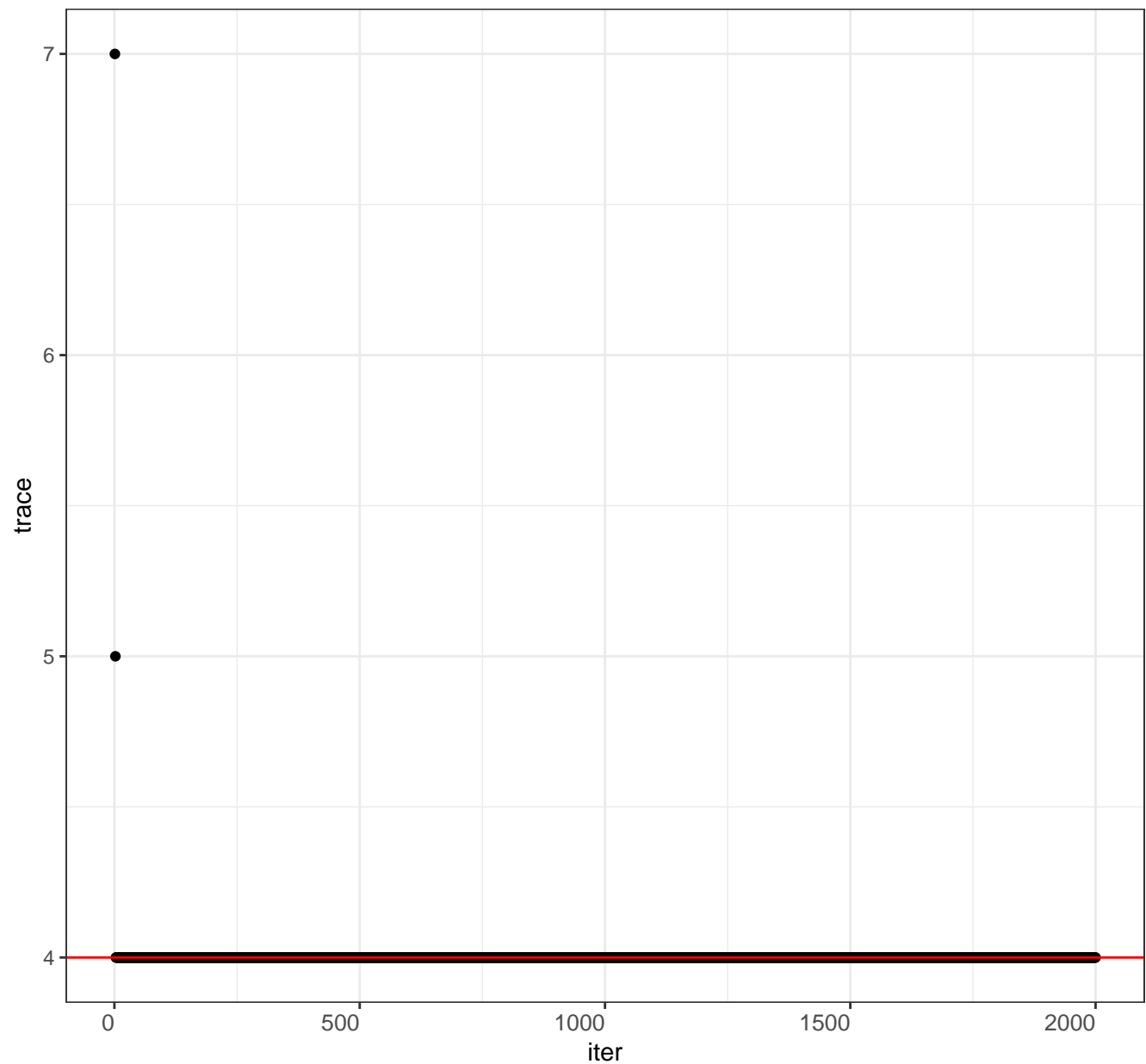Weights for the case: S=80 ,r=20 true gr K=4 ,type=1 ,N=150 pN=0.001

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

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=80 r=20 true K=4 type=1
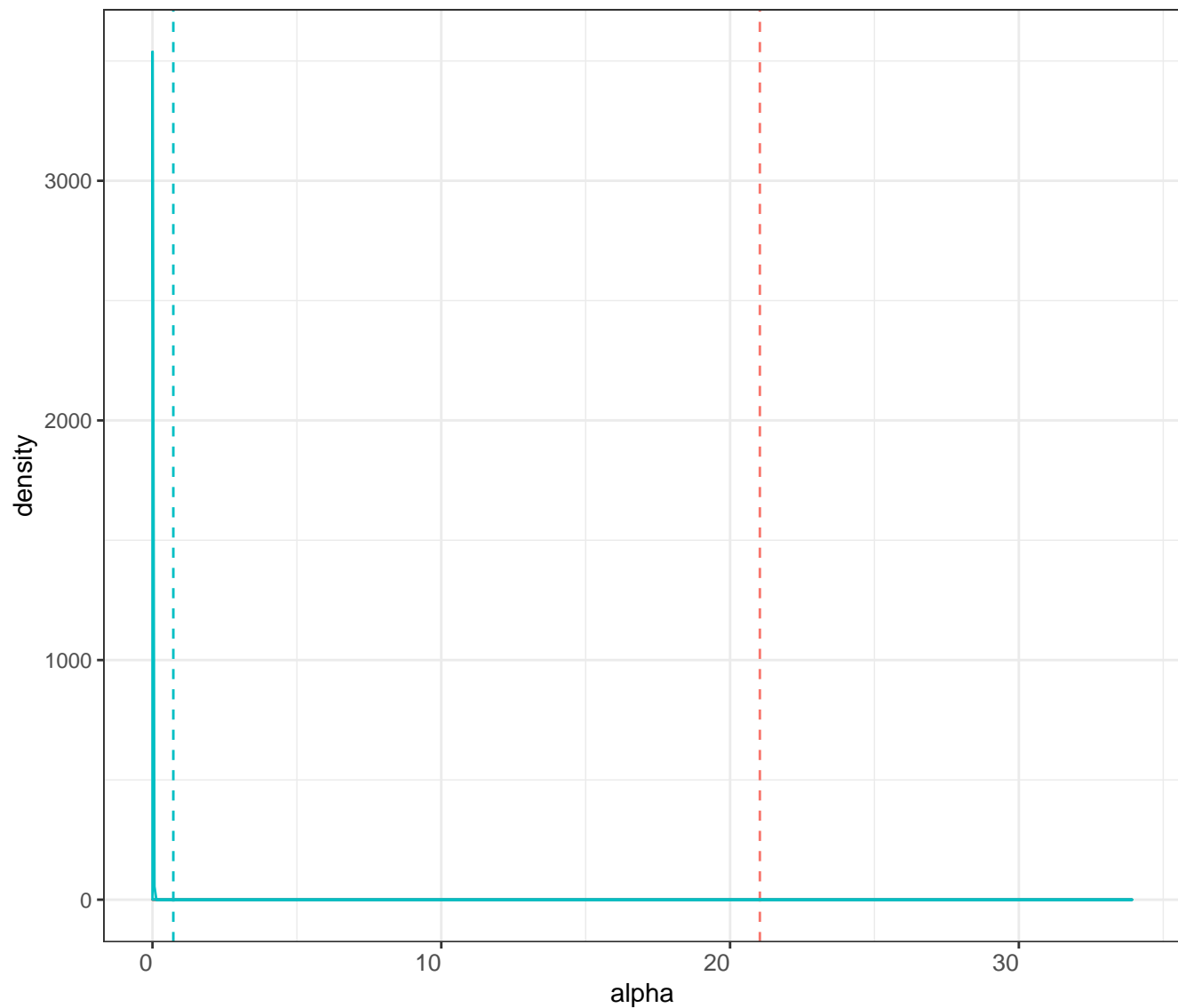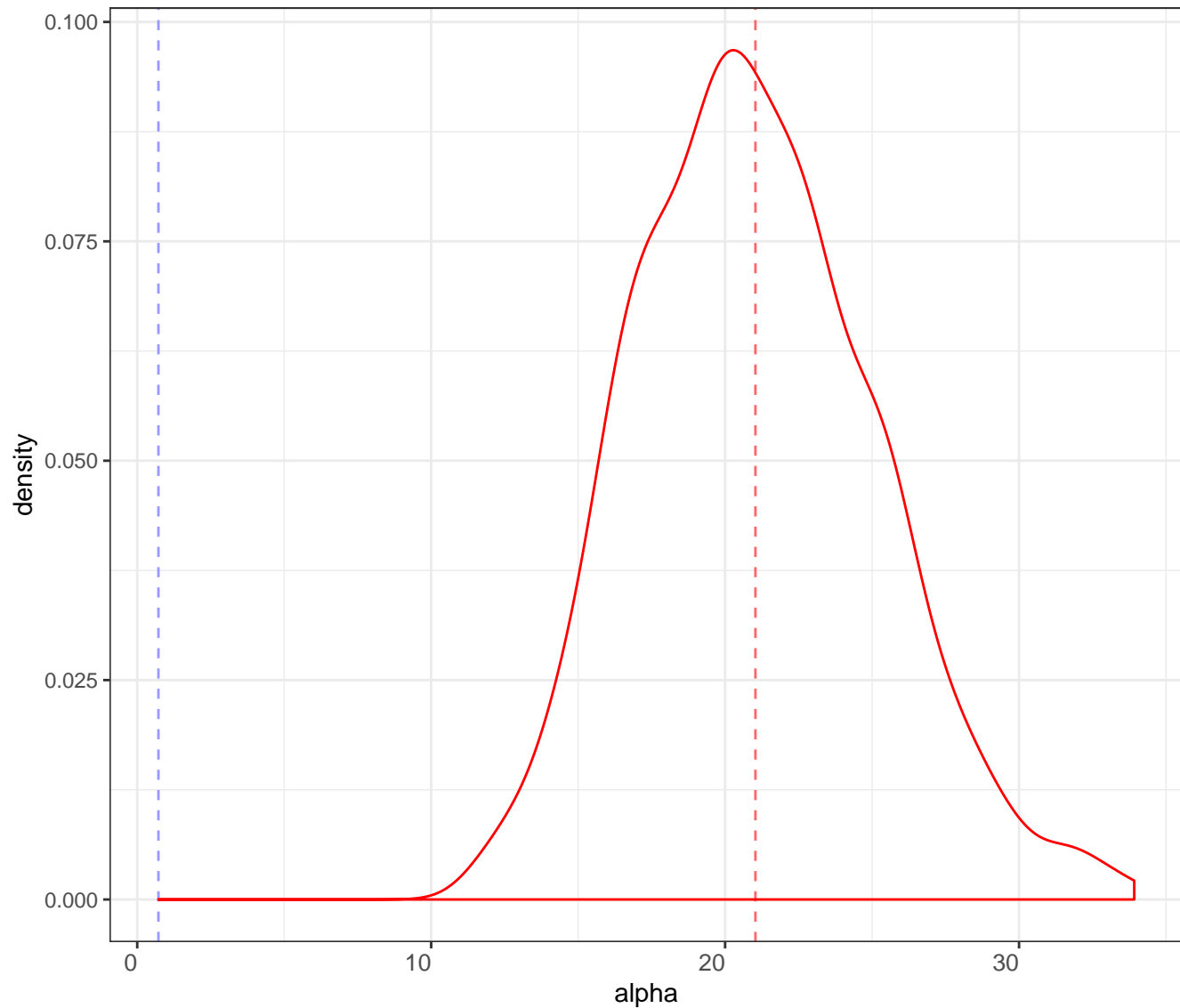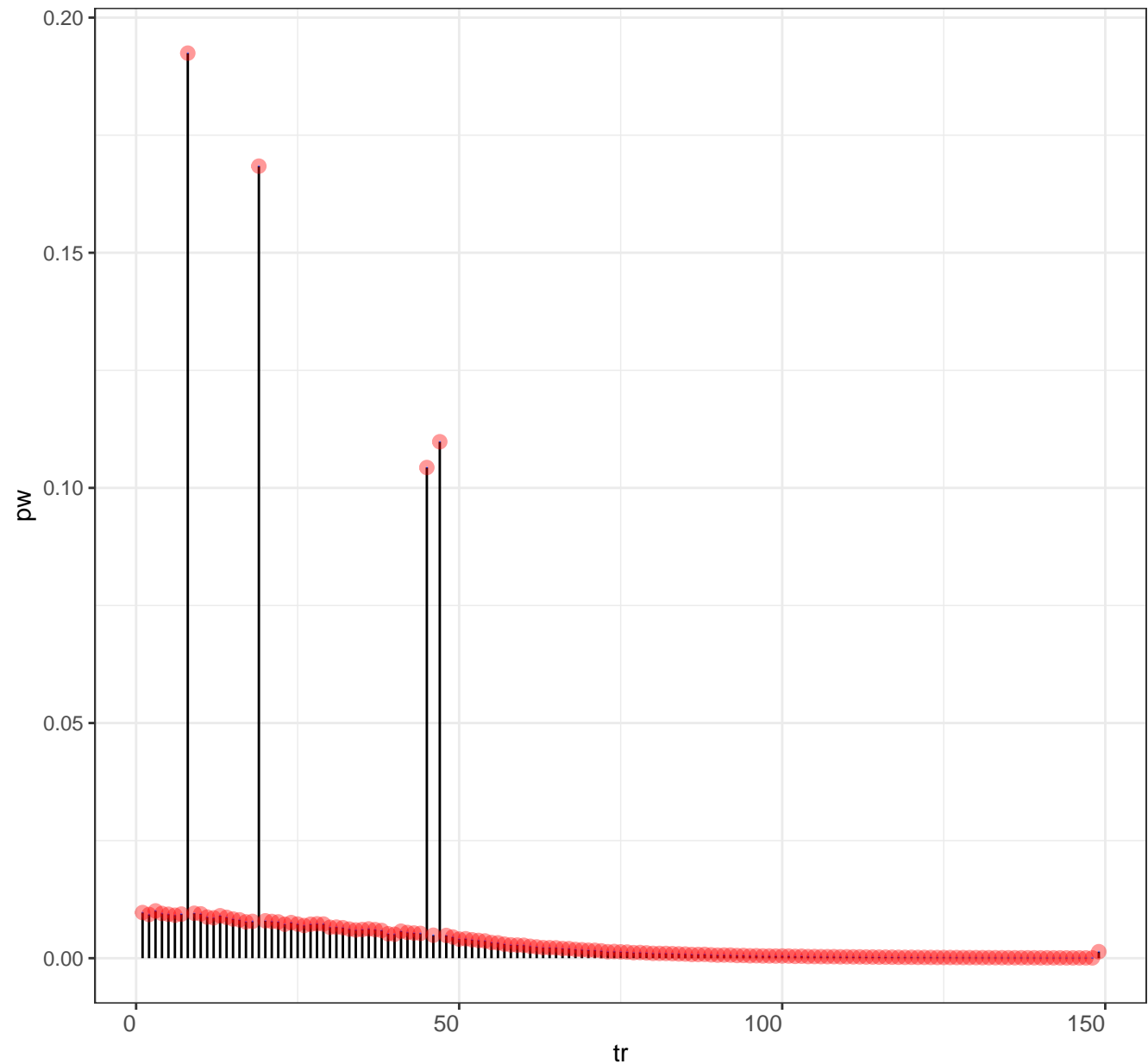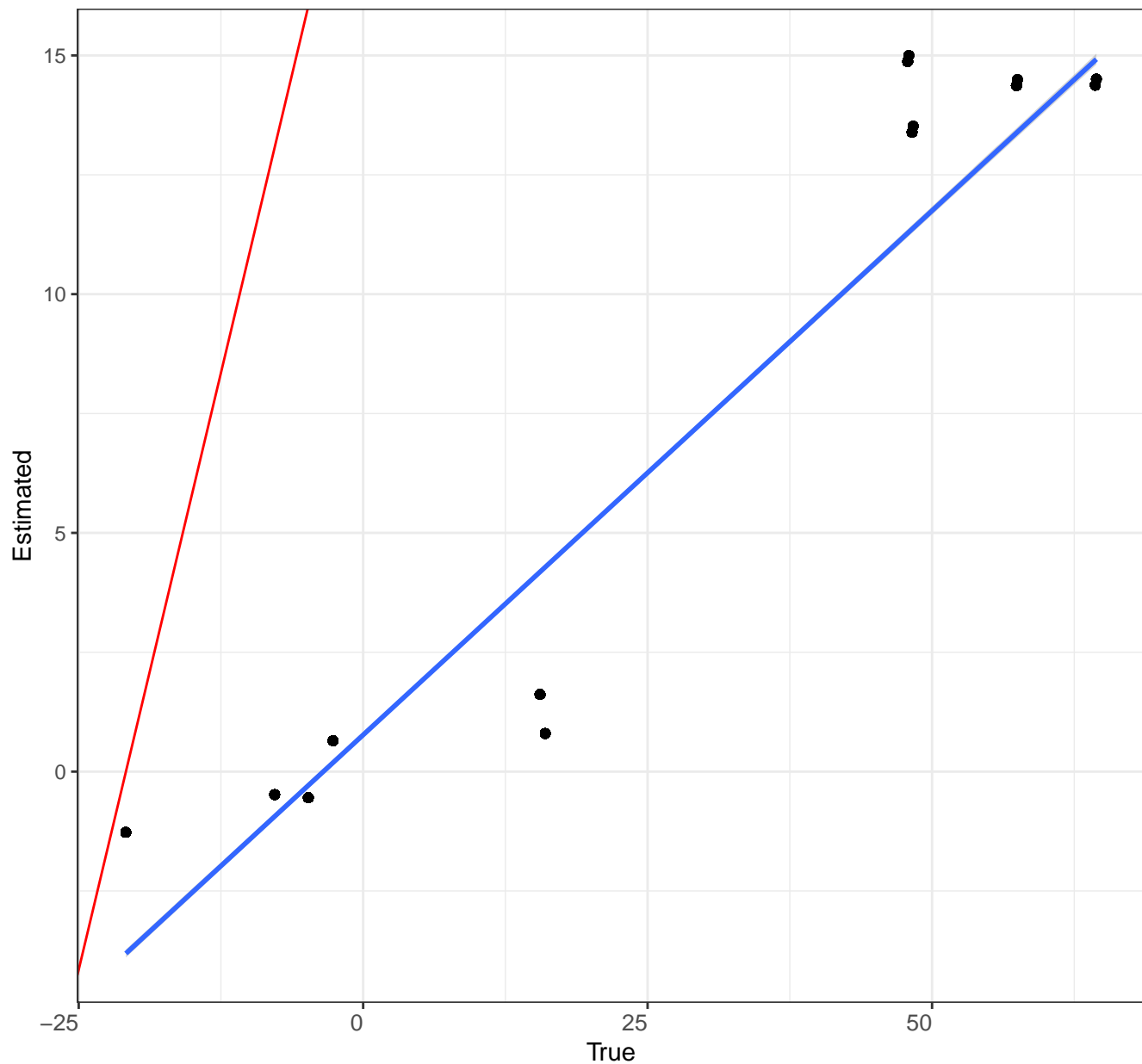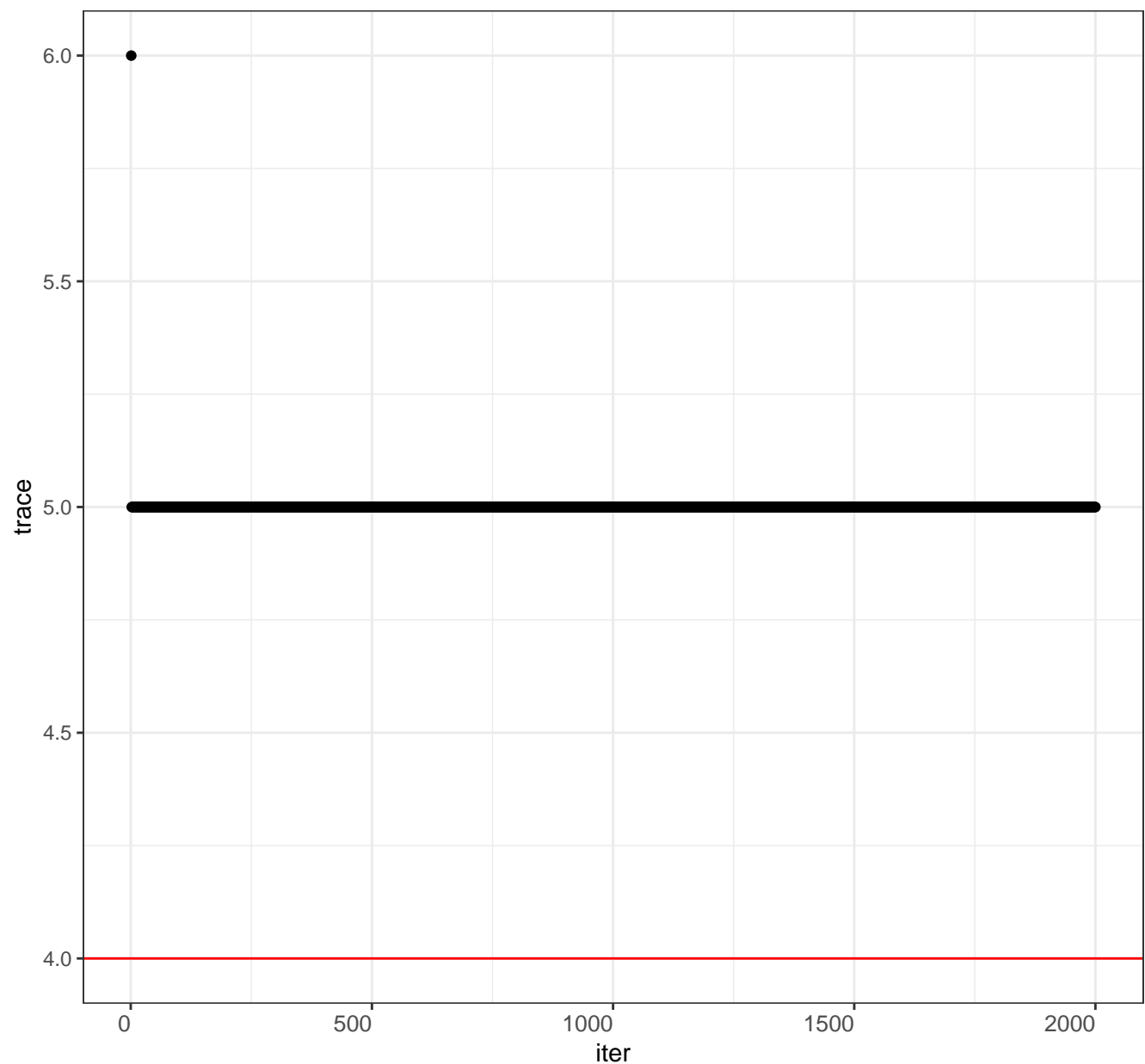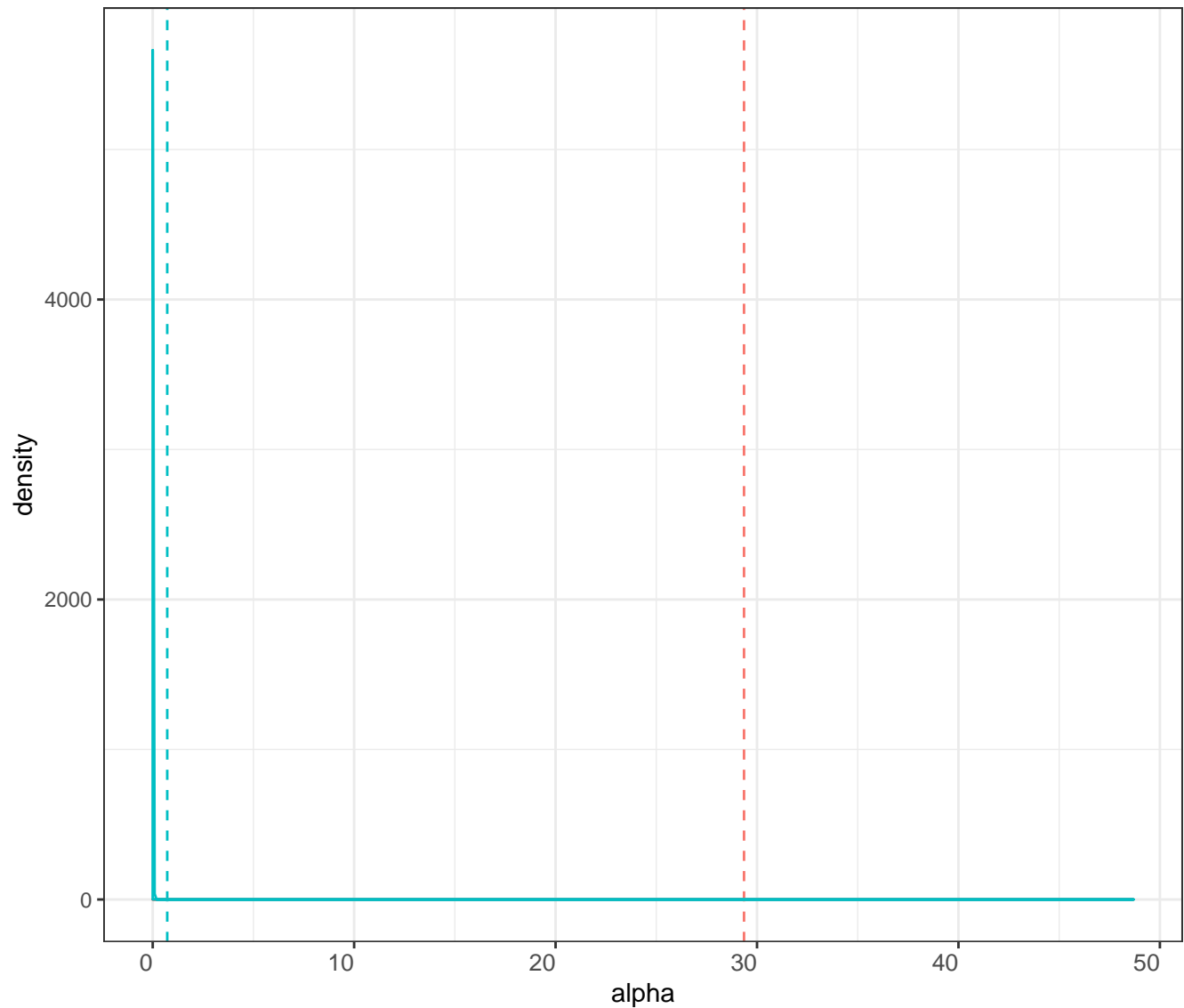
Trace plot for the number of groups K for S=80 r=20 true K=4 type=1

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

Distribution alpha: S=80 ,r=20 true gr K=4 ,type=1 ,N=150

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

Posterior distribution for alpha

Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=20 true gr K=4 ,type=1 ,N=150

Weights for the case: S=80 ,r=20 true gr K=4 ,type=1 ,N=150 pN=0.008

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

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=80 r=20 true K=4 type=1

Trace plot for the number of groups K for S=80 r=20 true K=4 type=1

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

Distribution alpha: S=80 ,r=20 true gr K=4 ,type=1 ,N=150

type [posterior] [prior]

Number of iterations: 2000 burnin: 1000 number of samples: 500
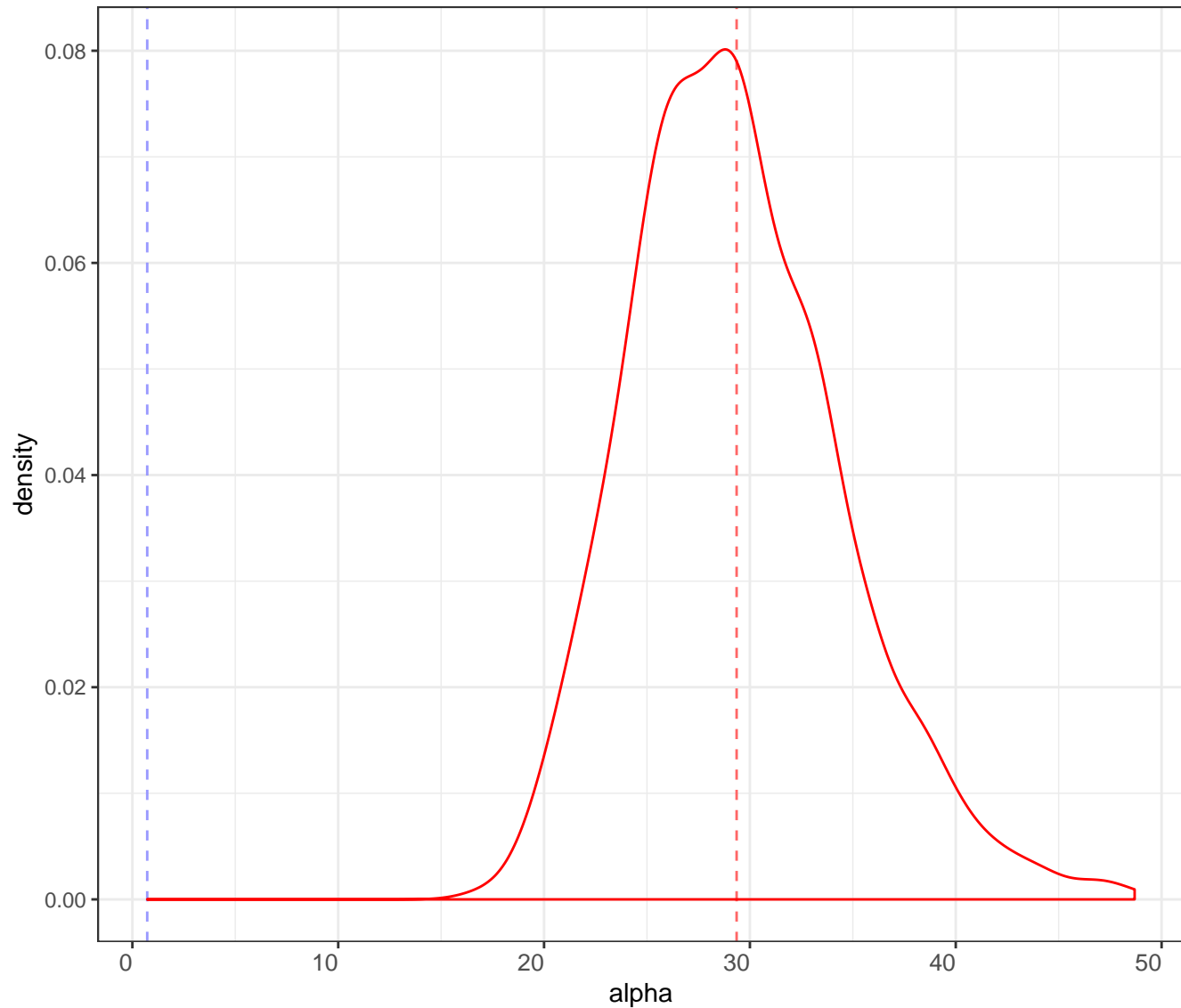
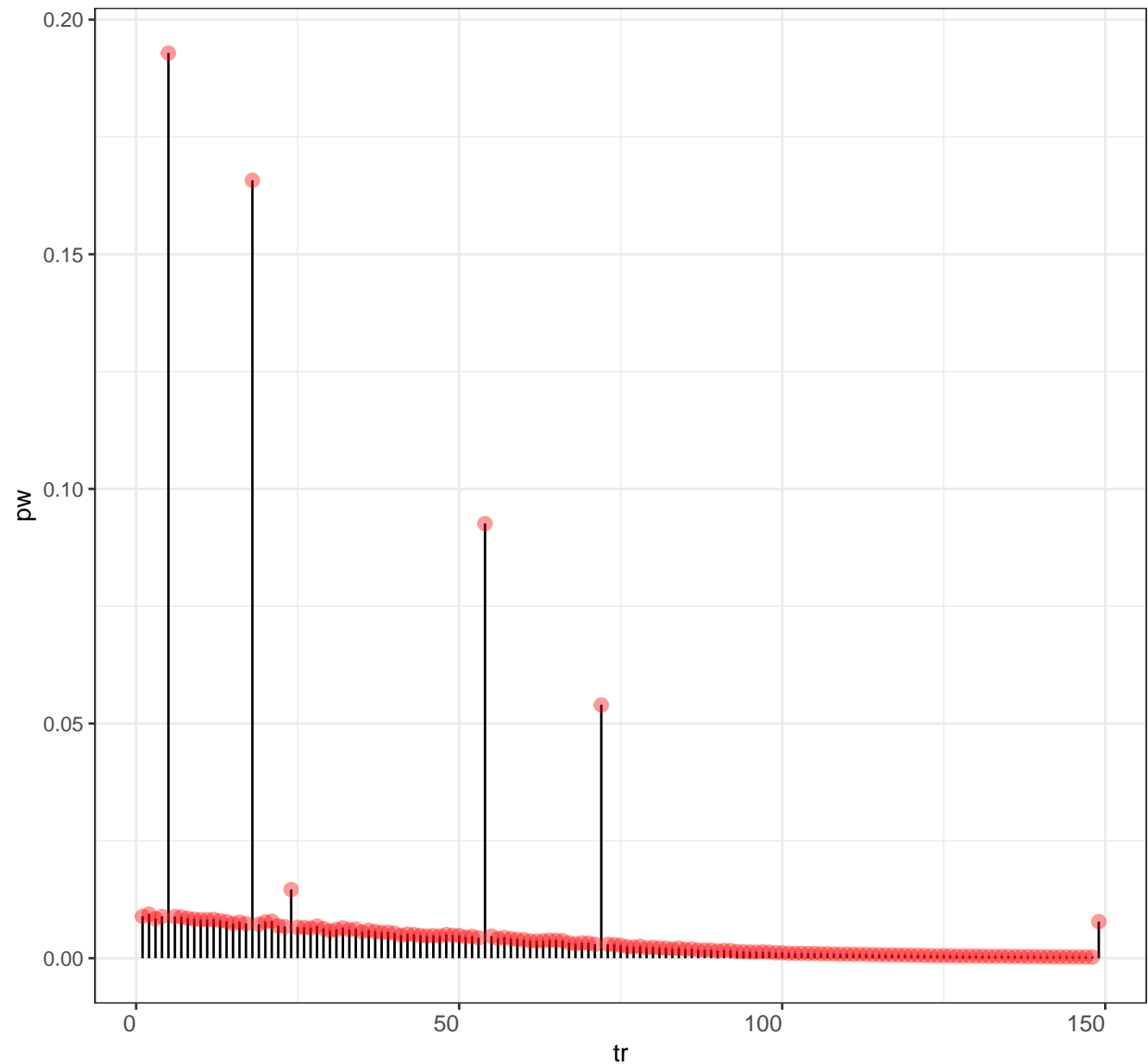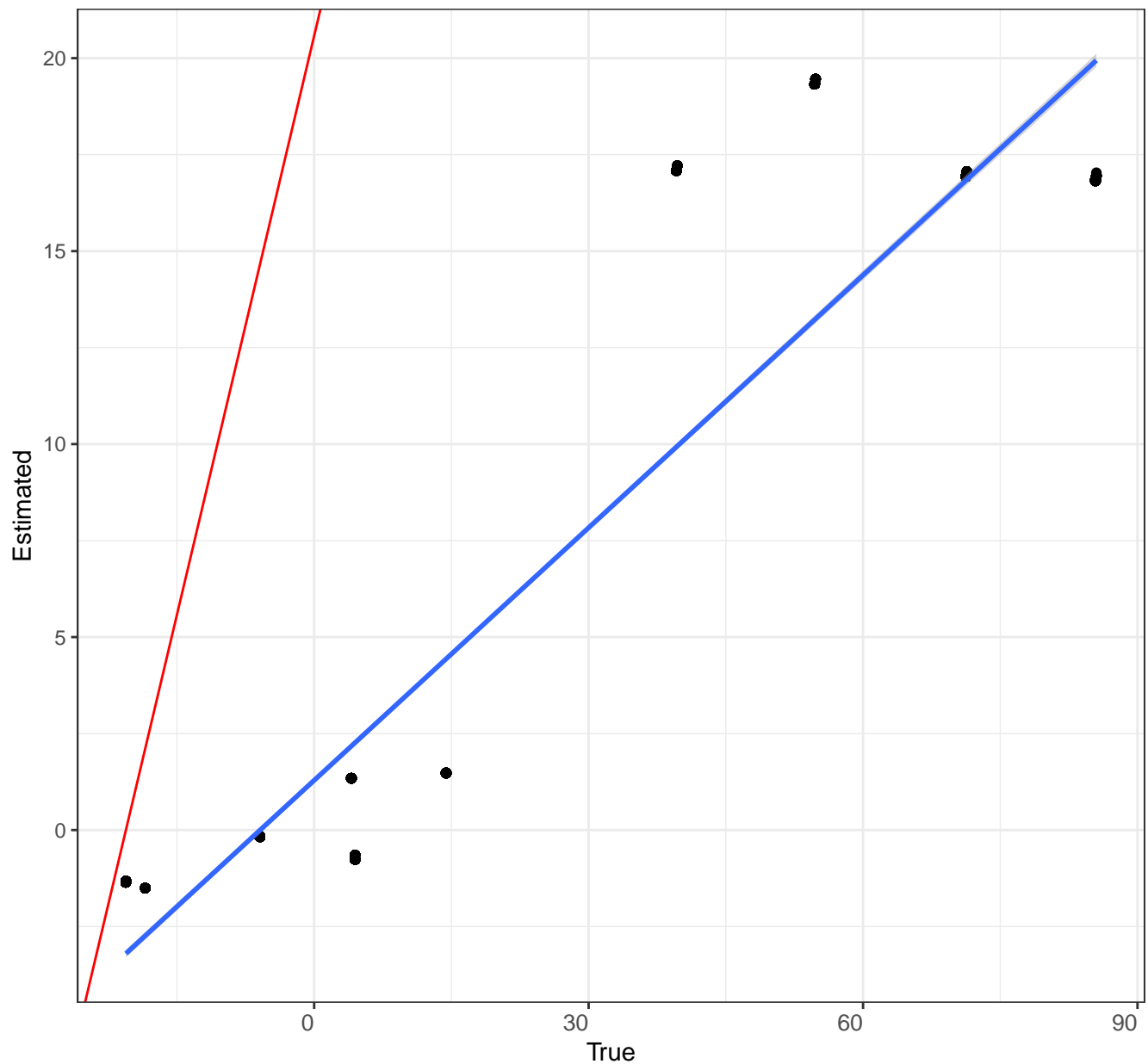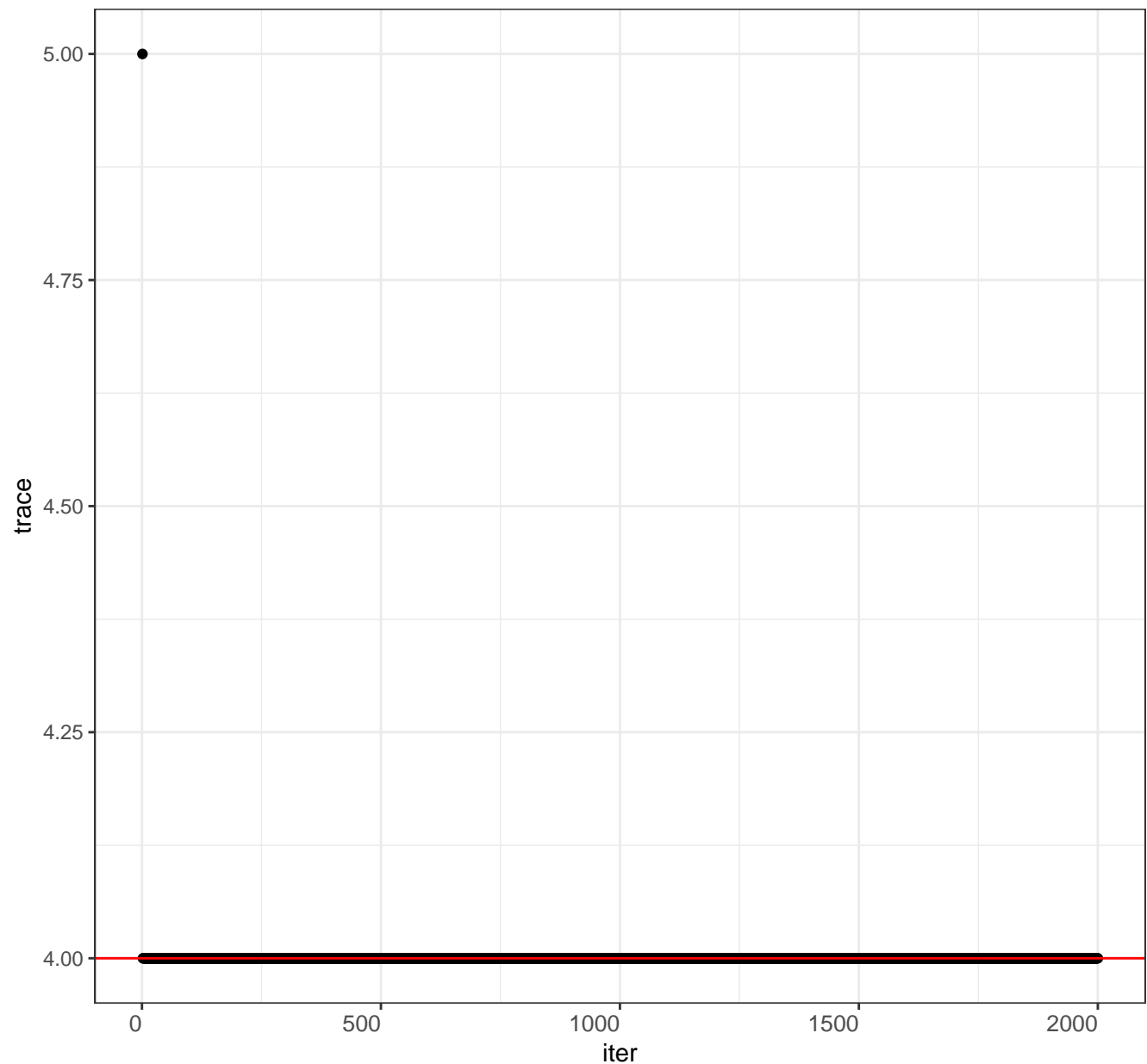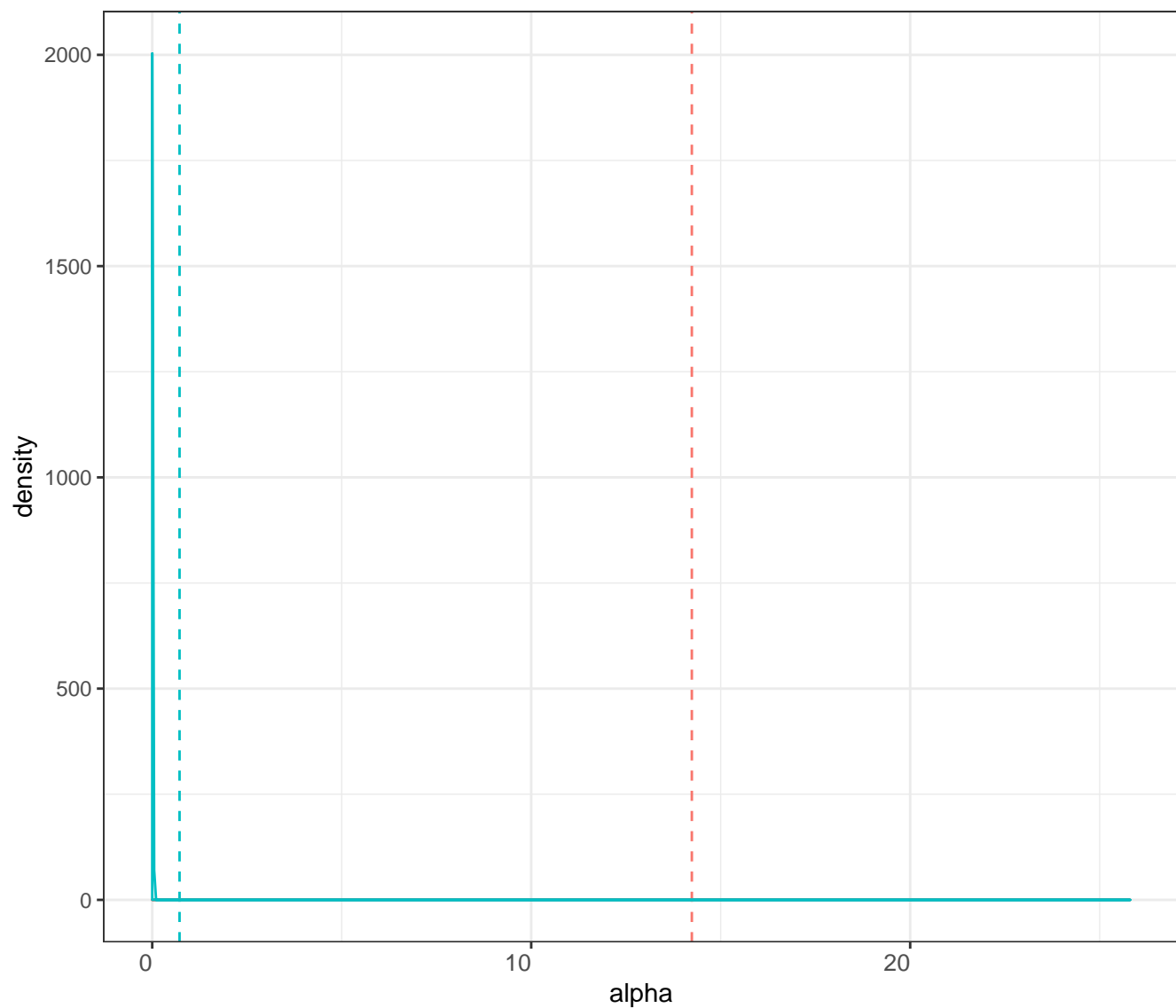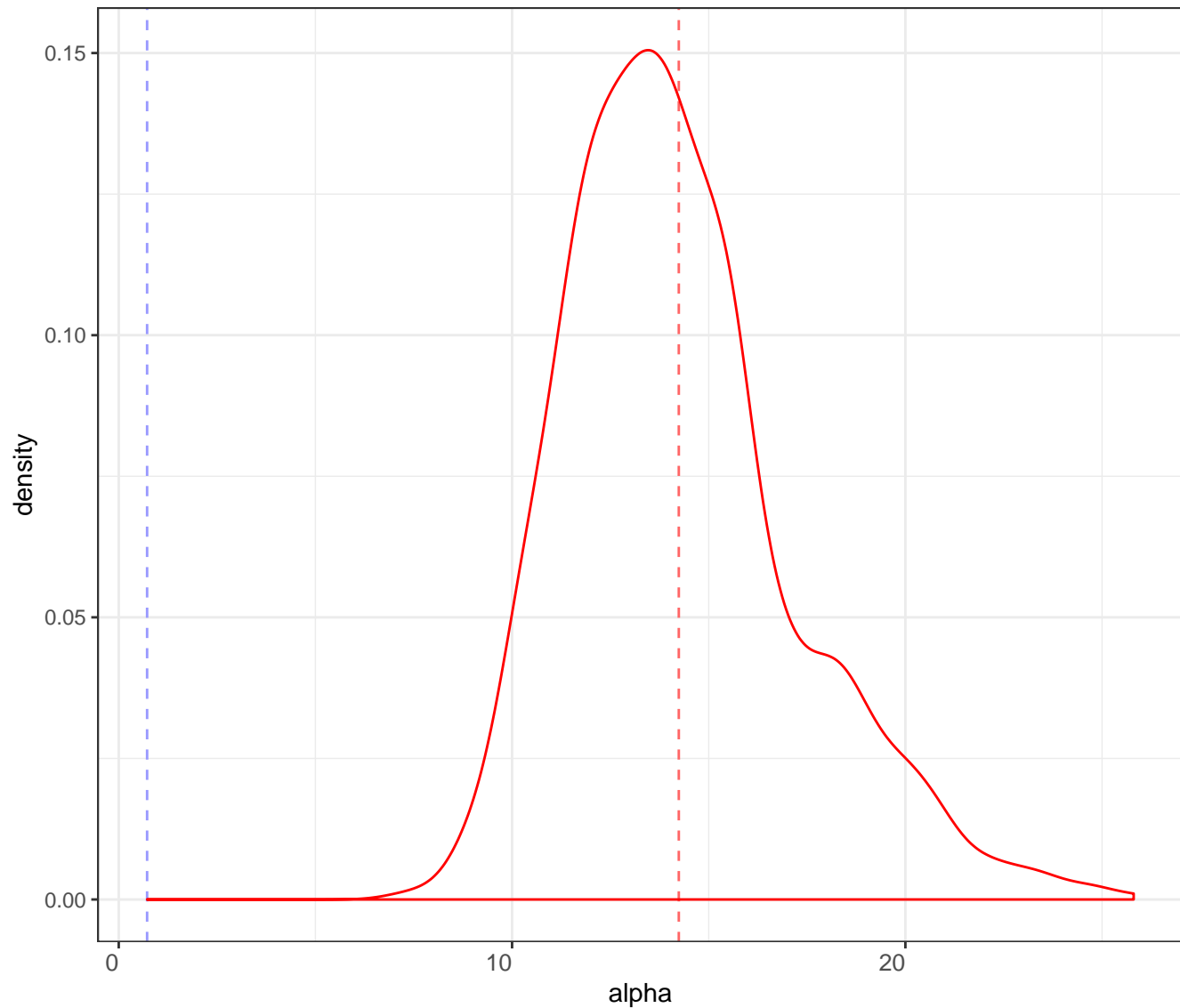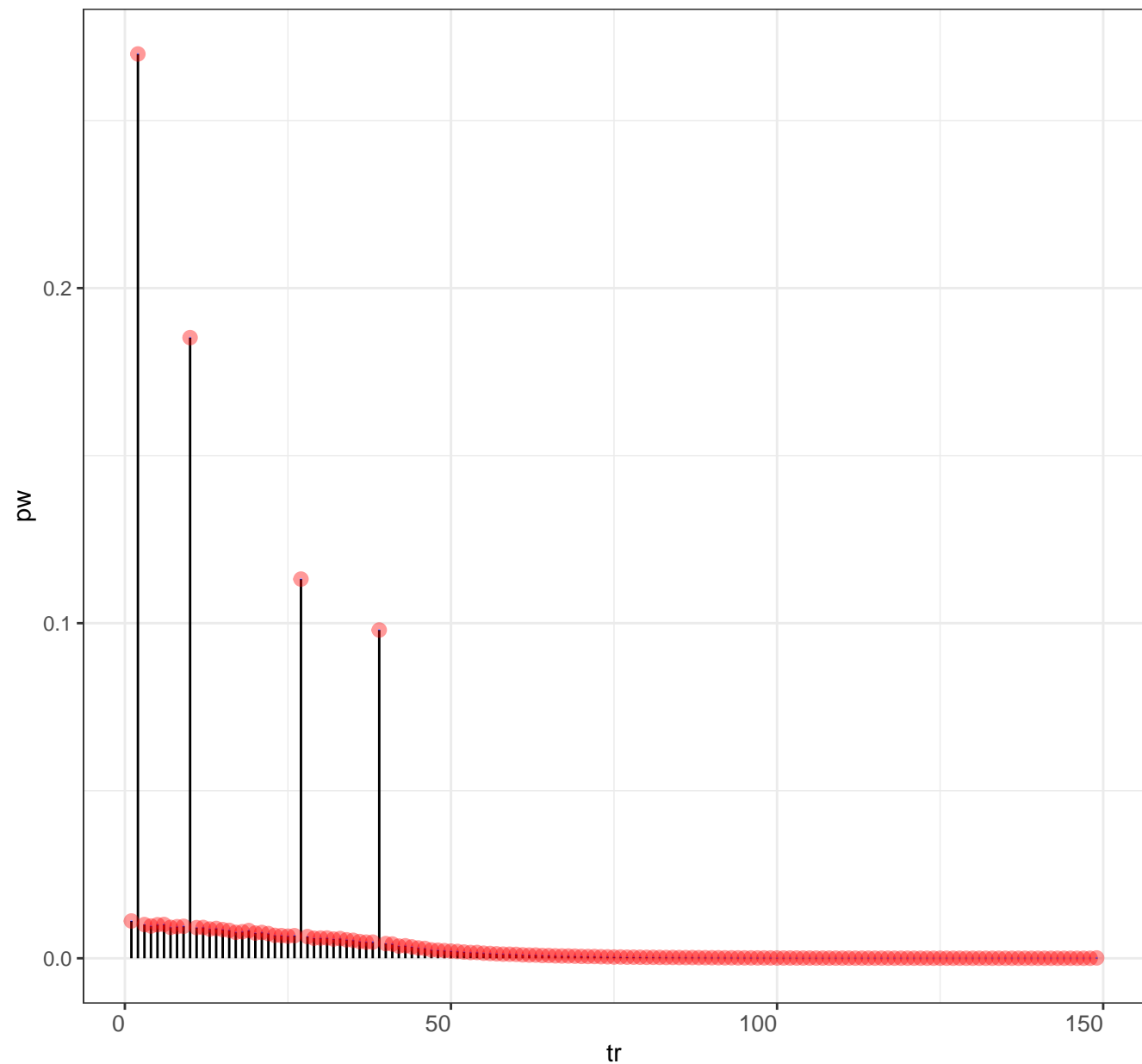Posterior distribution for alpha

Legend   posterior mean   prior mean
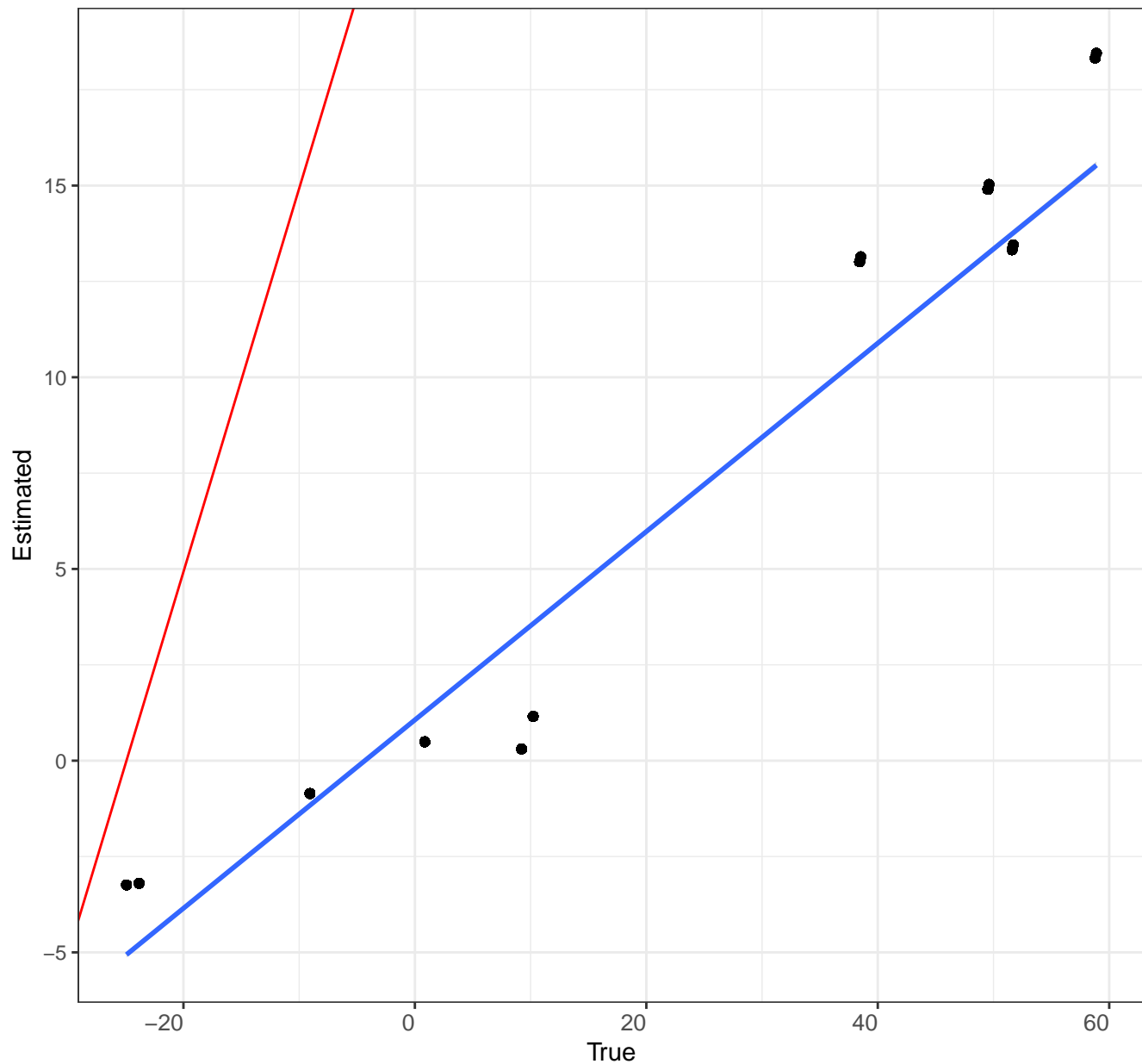
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=20 true gr K=4 ,type=1 ,N=150

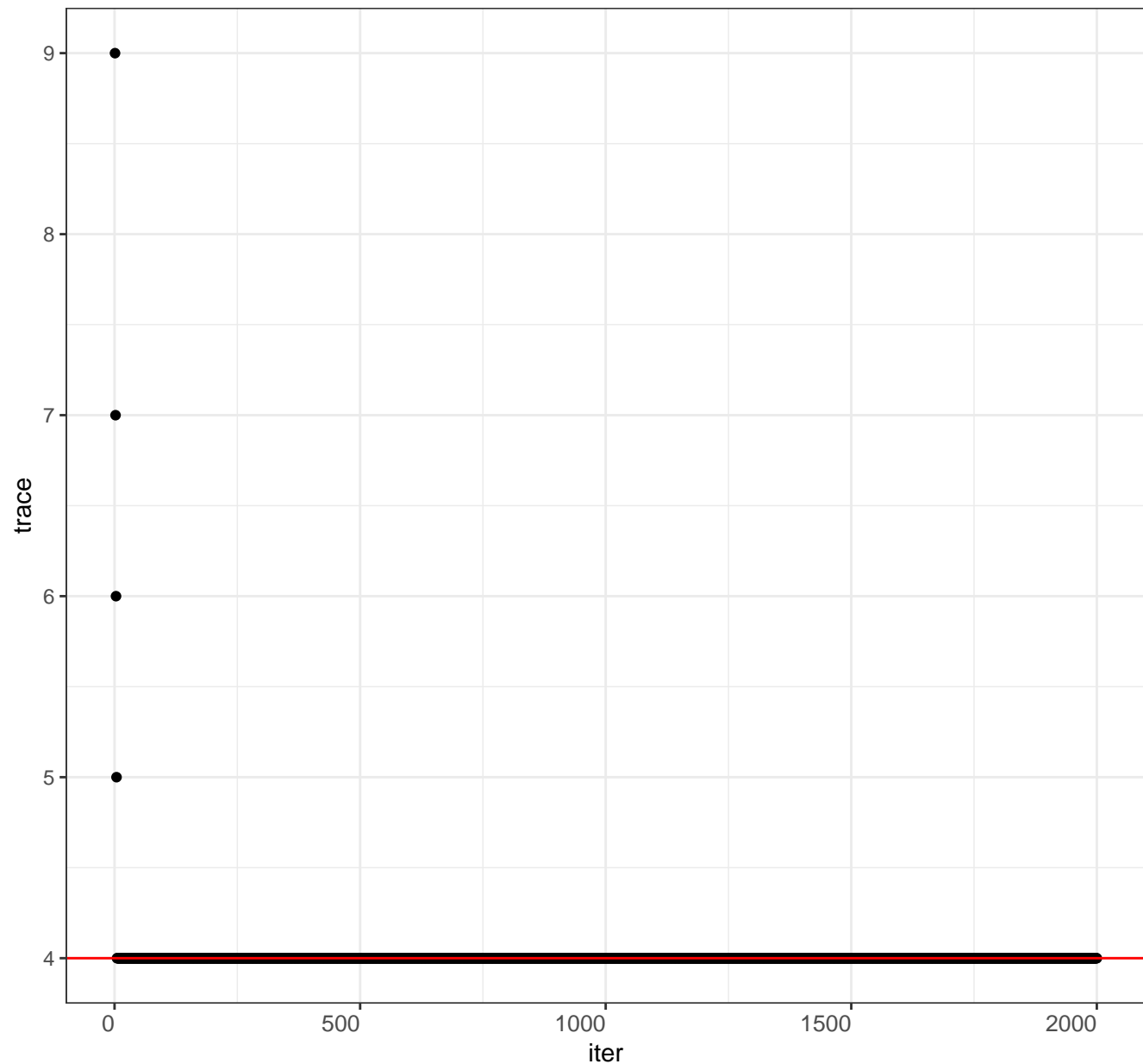Weights for the case: S=80 ,r=20 true gr K=4 ,type=1 ,N=150 pN=0

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

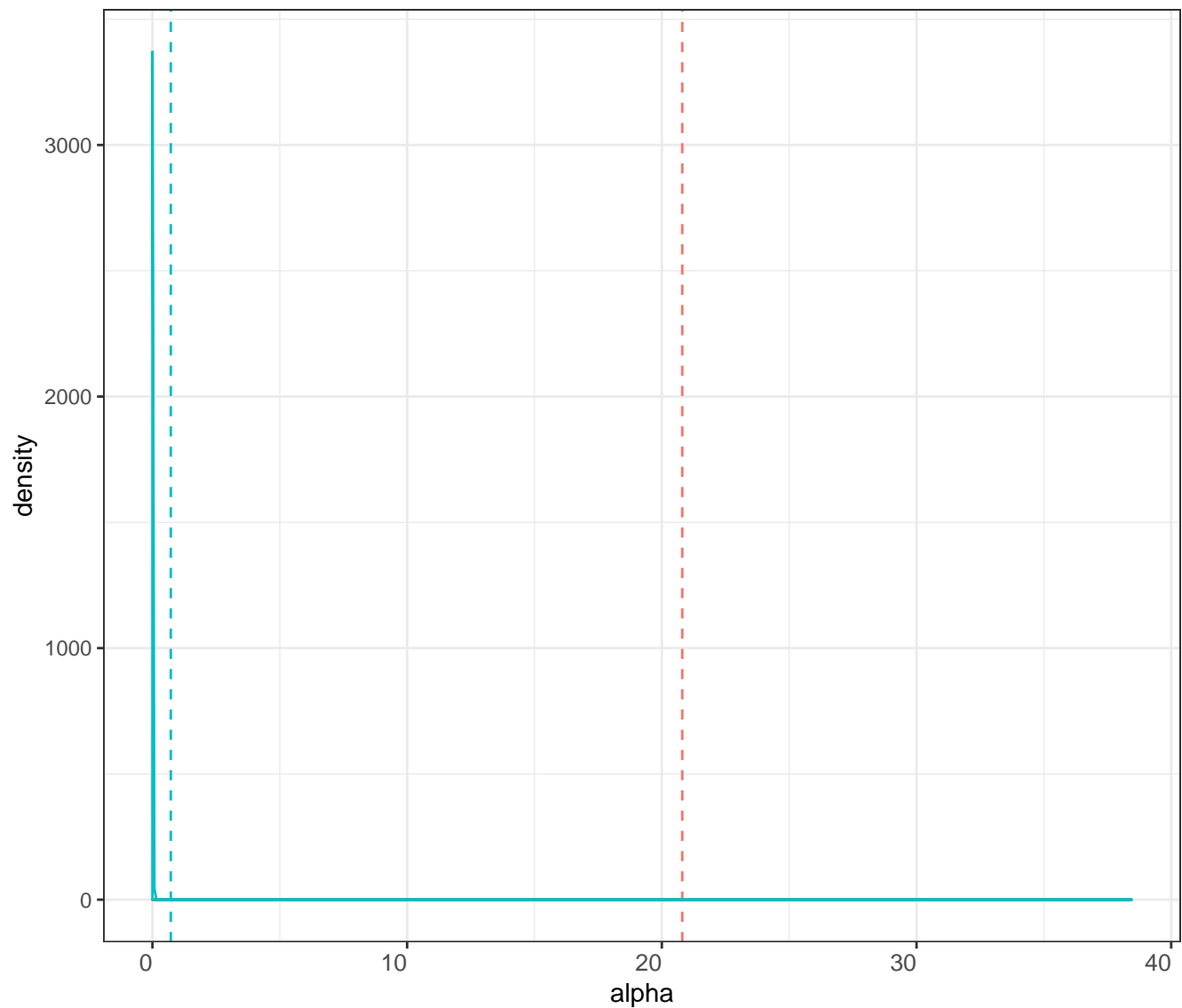True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=80 r=20 true K=4 type=1

Trace plot for the number of groups K for S=80 r=20 true K=4 type=1

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

Distribution alpha: S=80 ,r=20 true gr K=4 ,type=1 ,N=150

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

Posterior distribution for alpha

Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=20 true gr K=4 ,type=1 ,N=150

Weights for the case: S=80 ,r=20 true gr K=4 ,type=1 ,N=150 pN=0.001

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

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=80 r=20 true K=4 type=1

Trace plot for the number of groups K for S=80 r=20 true K=4 type=1

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

Distribution alpha: S=80 ,r=20 true gr K=4 ,type=1 ,N=150

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

Posterior distribution for alpha
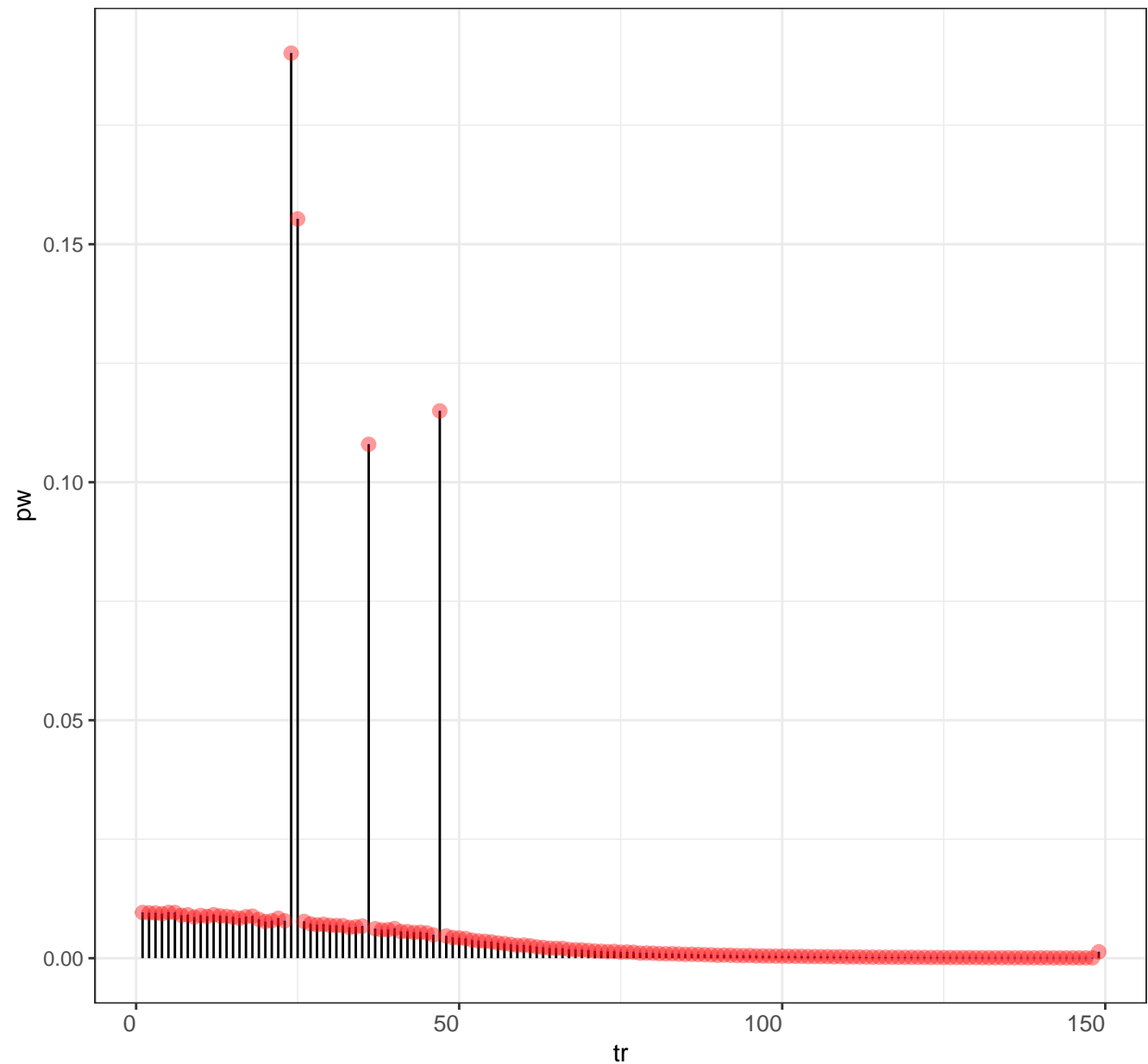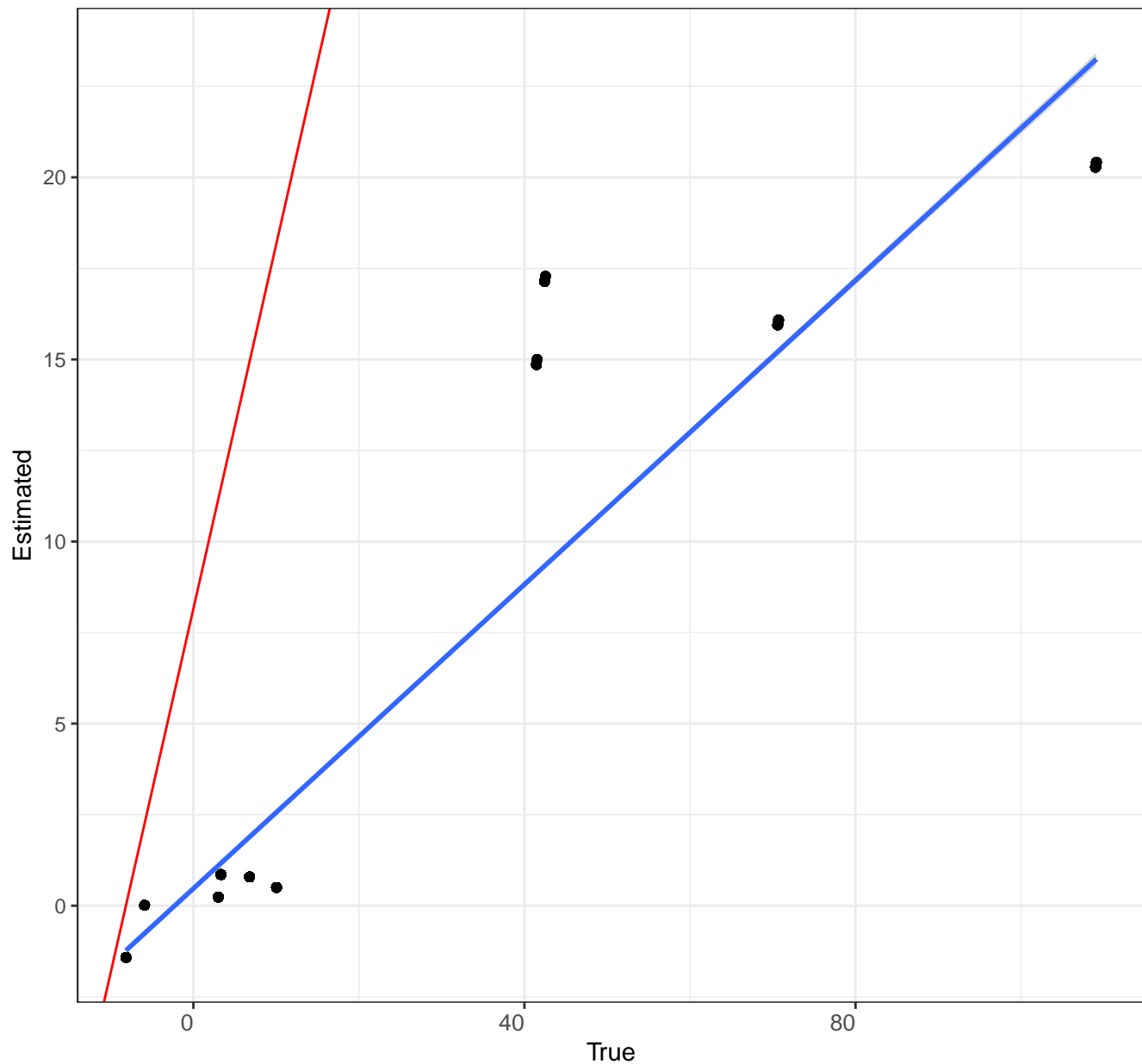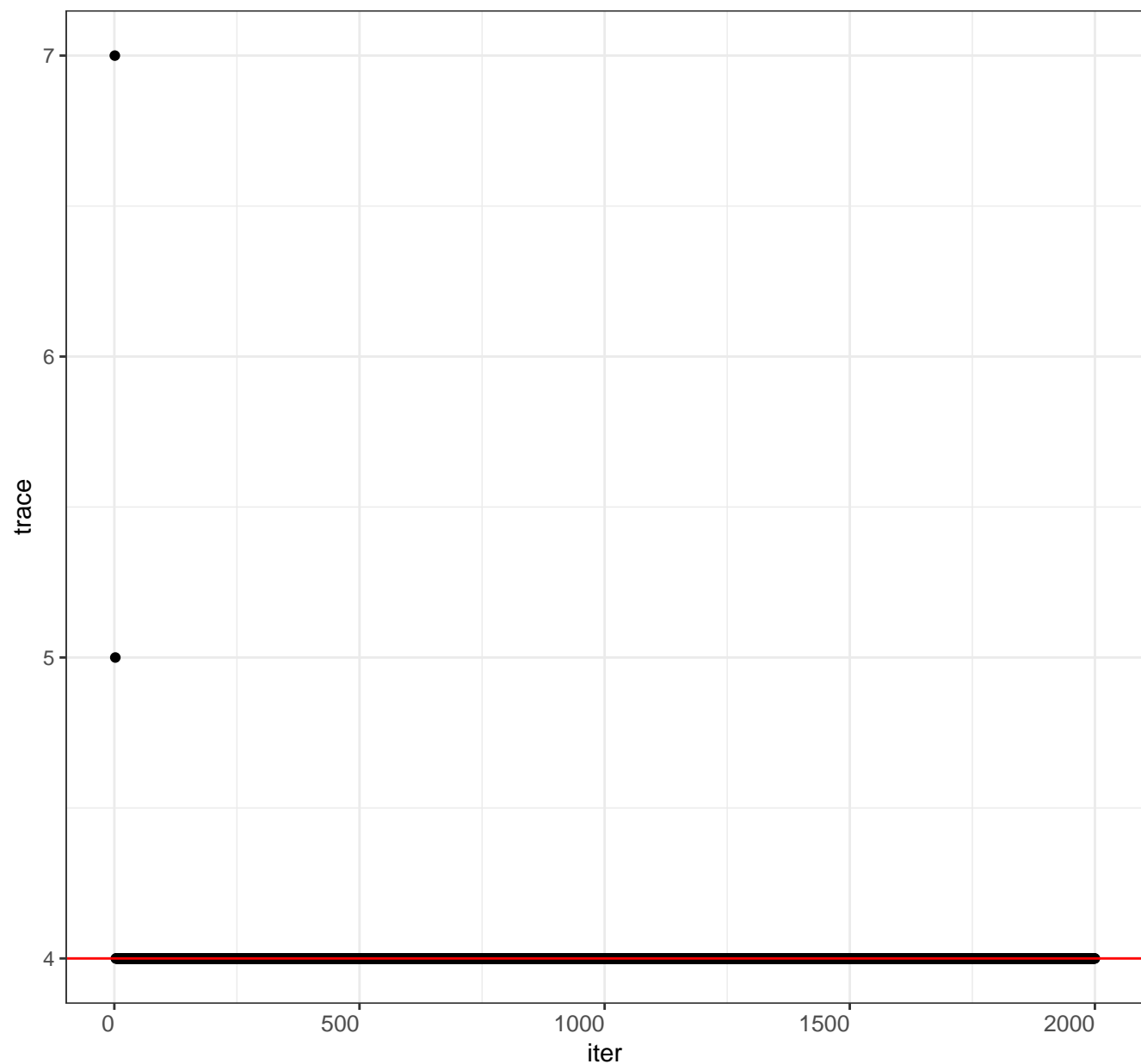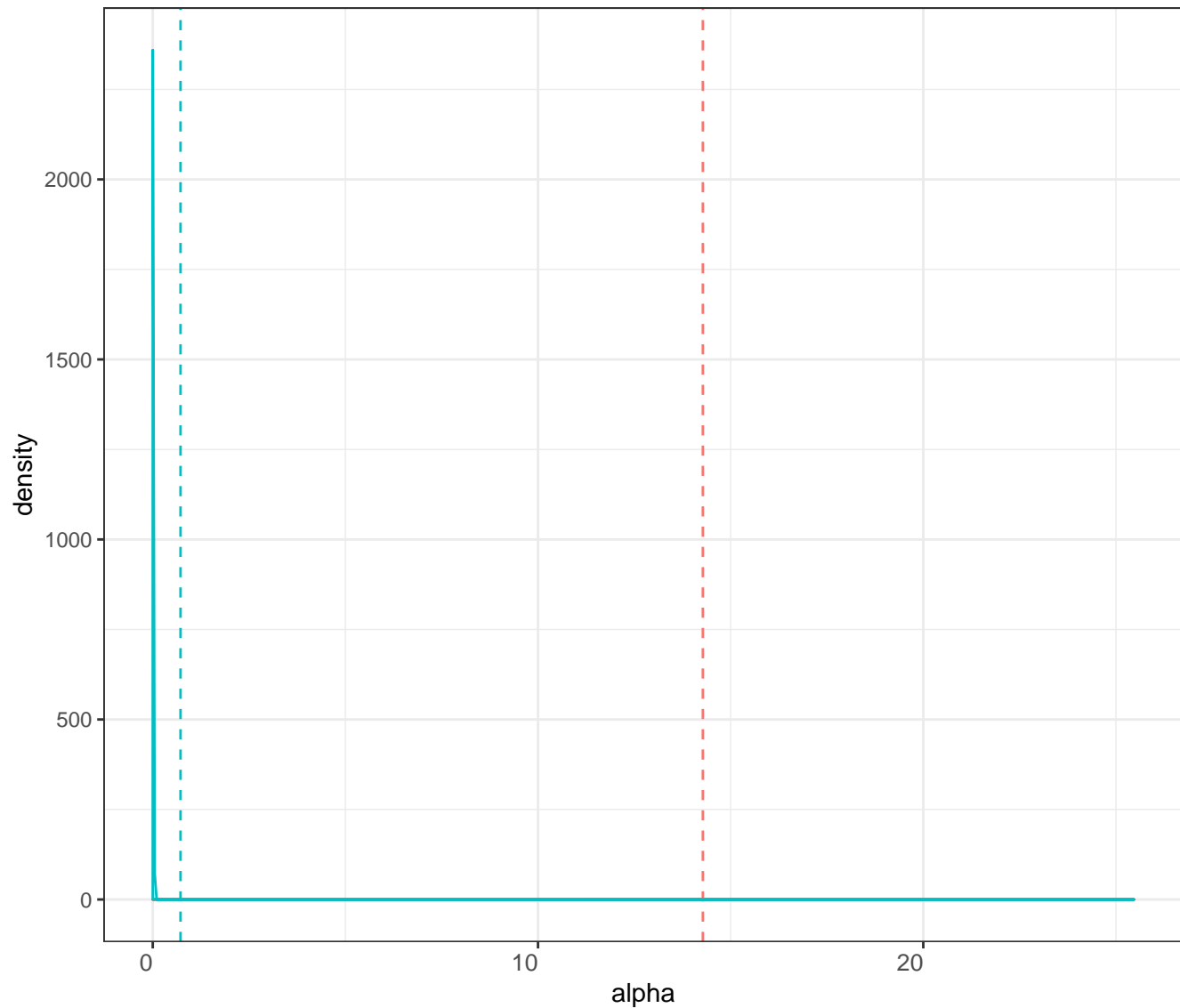
Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=20 true gr K=4 ,type=1 ,N=150

Weights for the case: S=80 ,r=20 true gr K=4 ,type=1 ,N=150 pN=0

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

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=80 r=20 true K=4 type=1

Trace plot for the number of groups K for S=80 r=20 true K=4 type=1

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

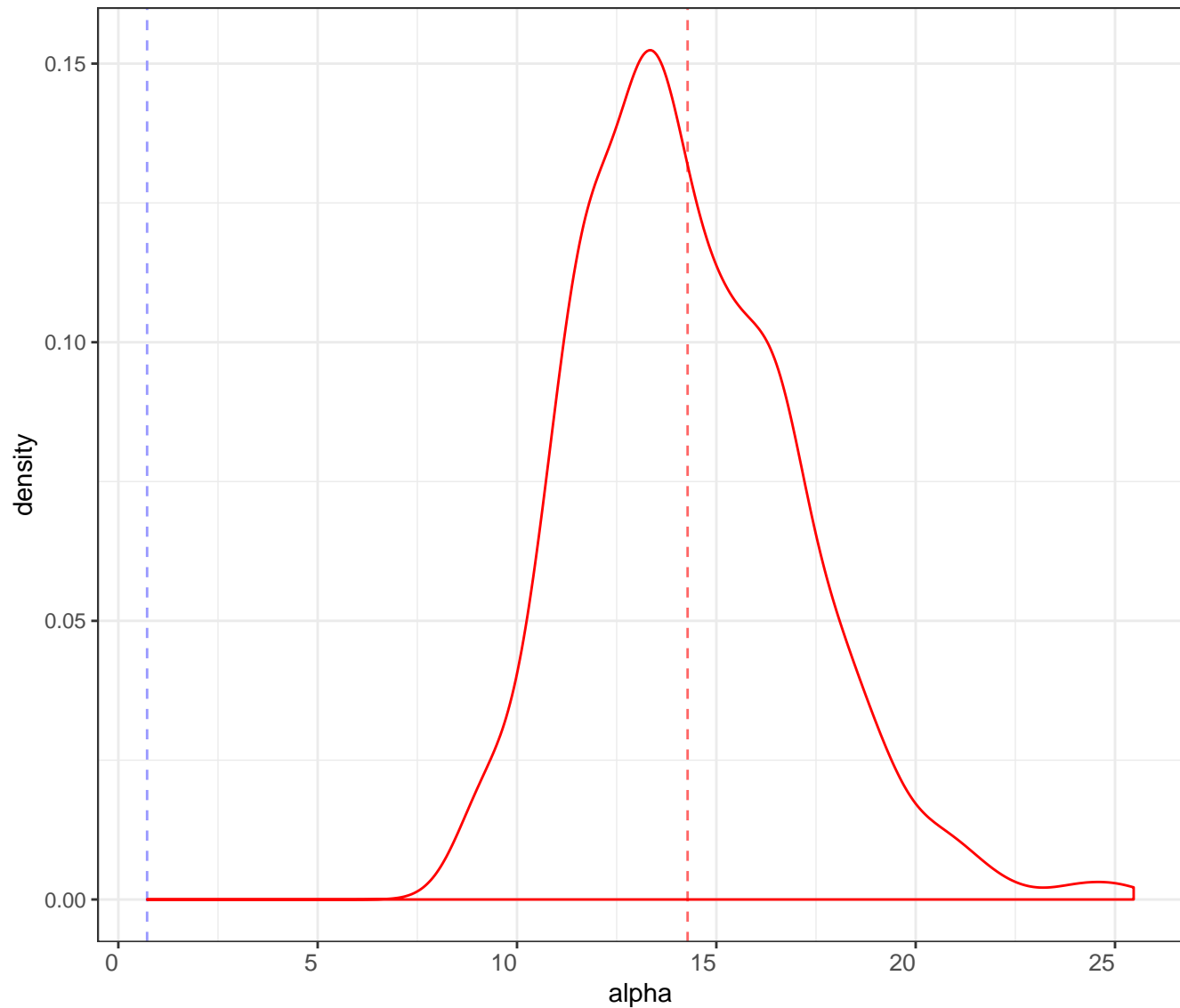Distribution alpha: S=80 ,r=20 true gr K=4 ,type=1 ,N=150

type [ ] posterior [ ] prior

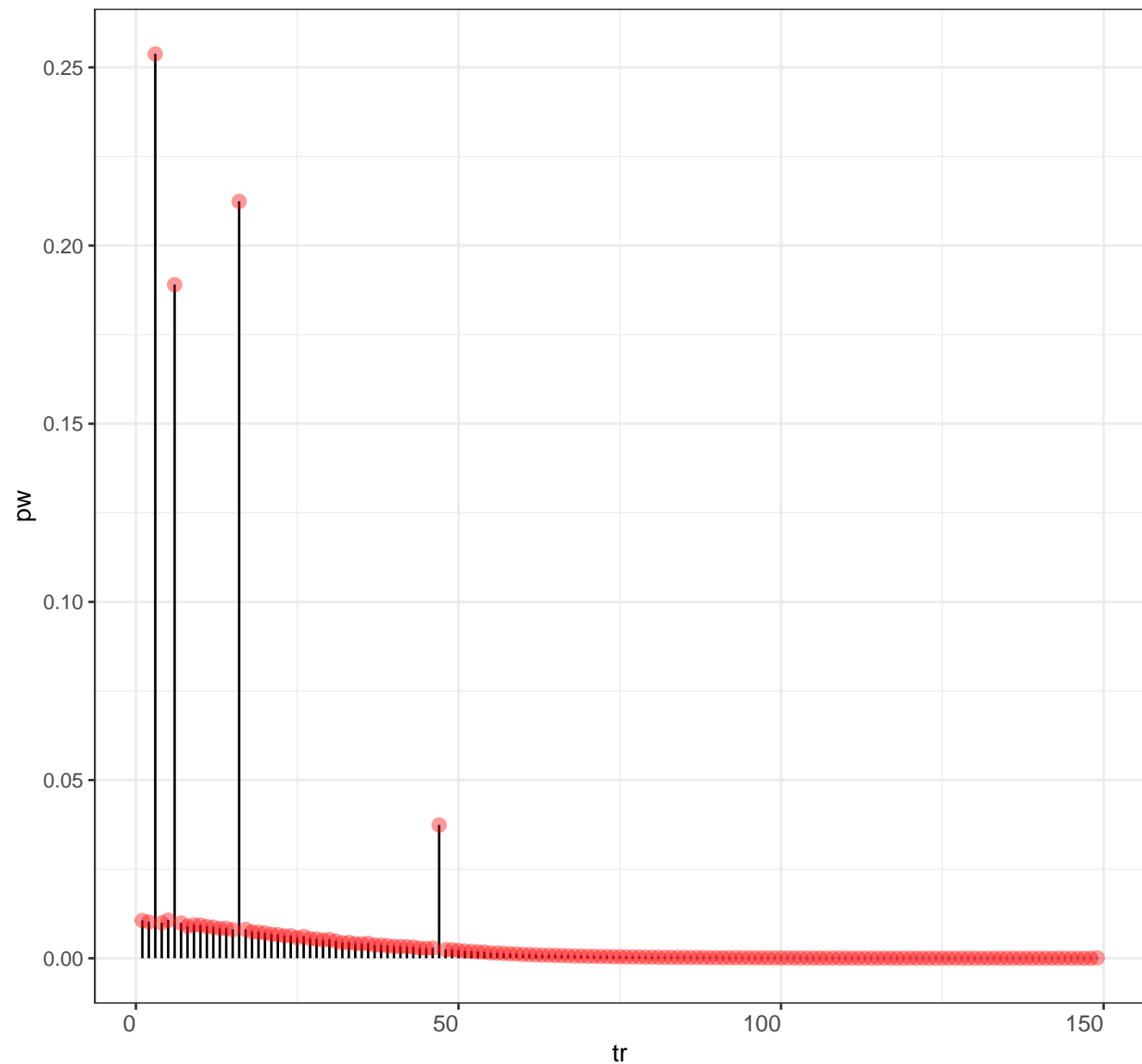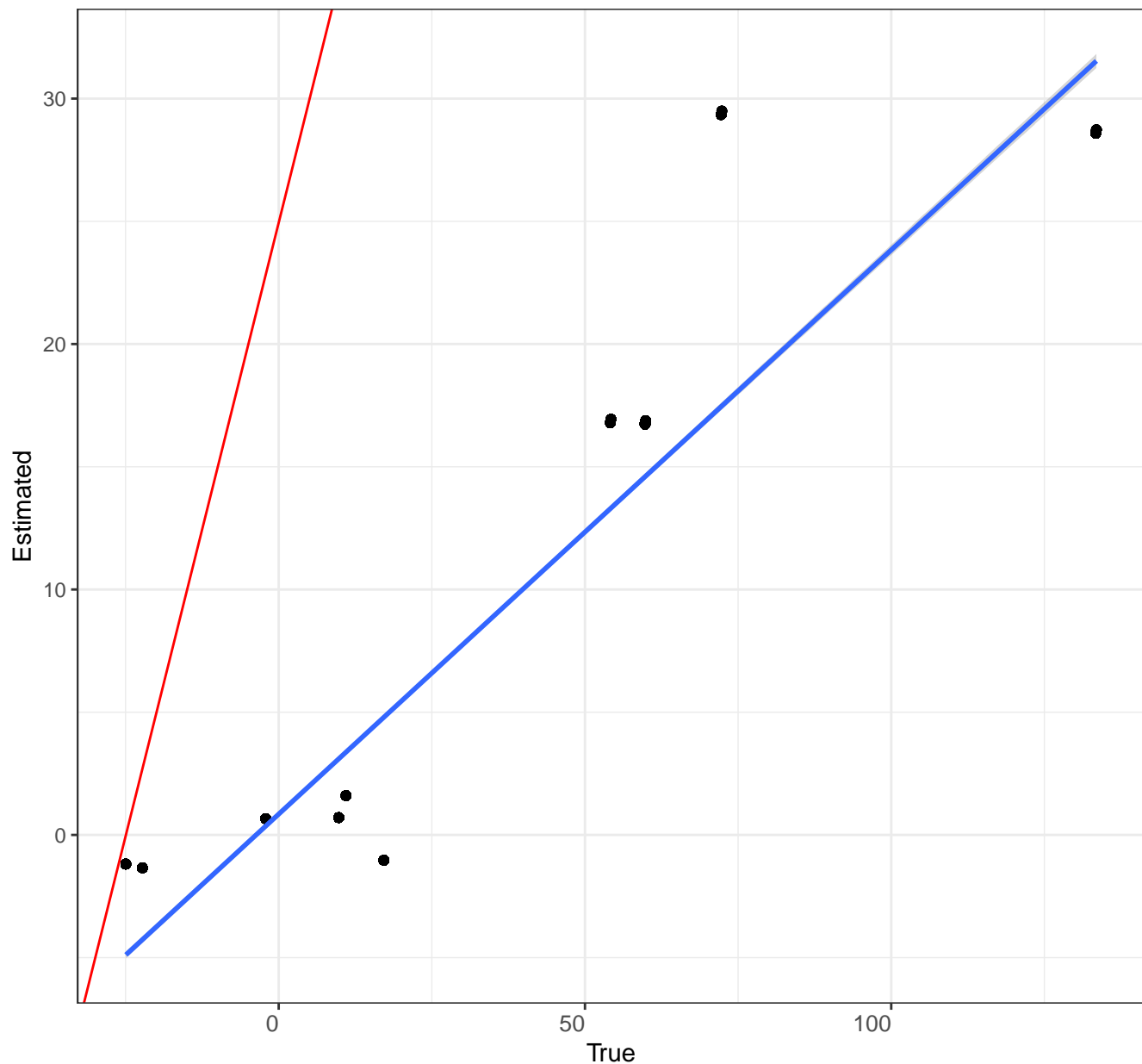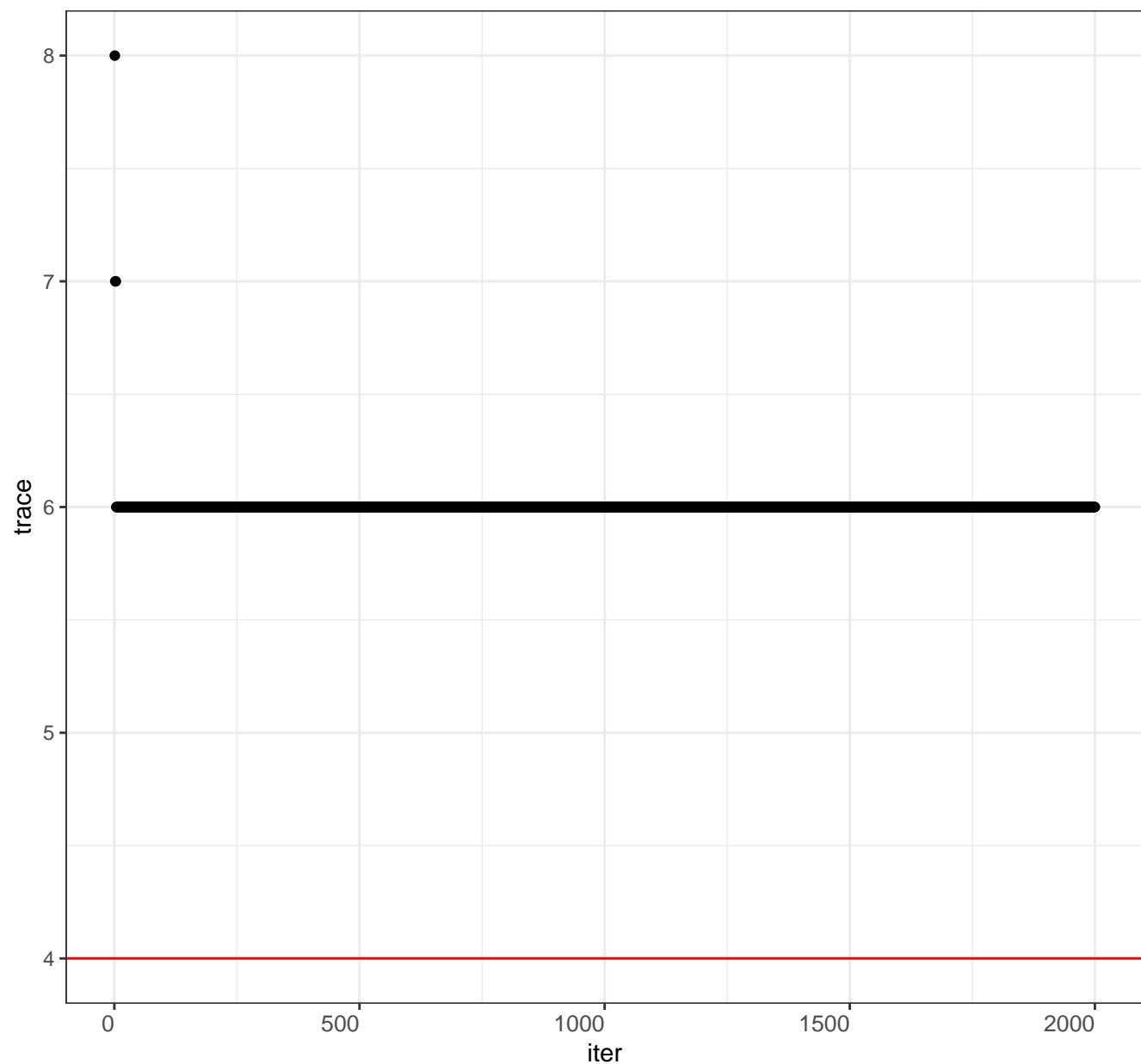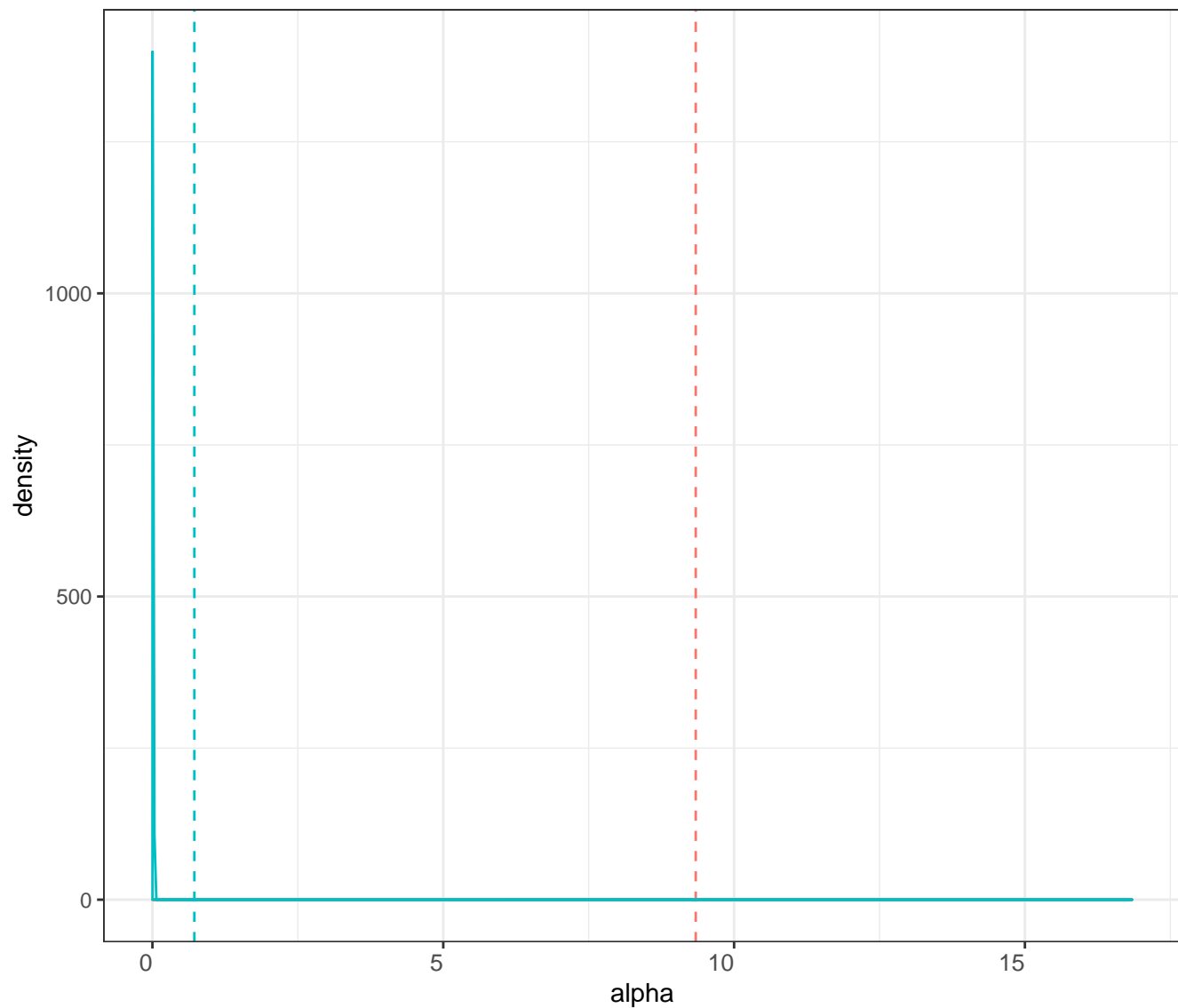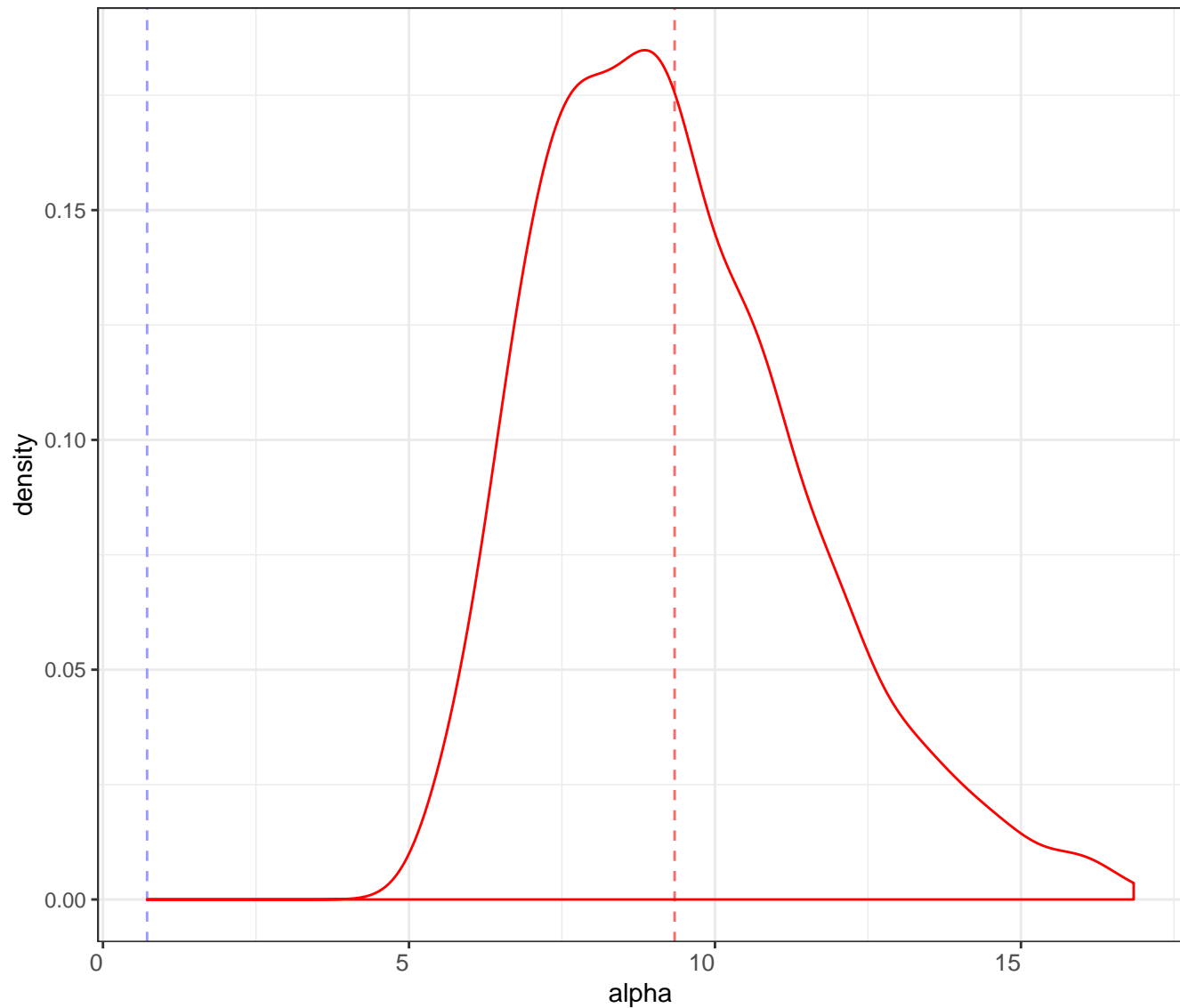Number of iterations: 2000 burnin: 1000 number of samples: 500
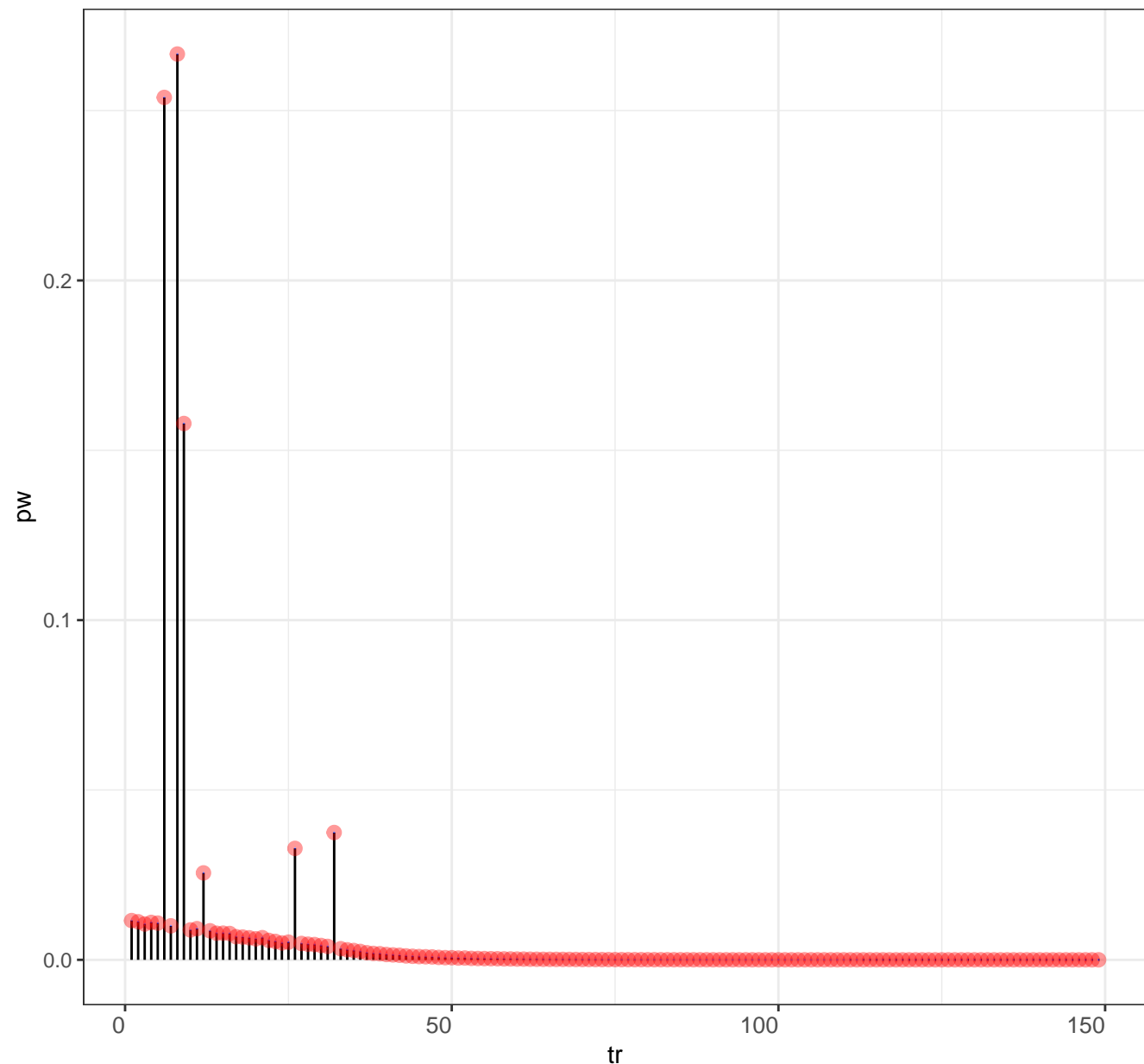
Posterior distribution for alpha

Legend ┊ posterior mean ┊ prior mean

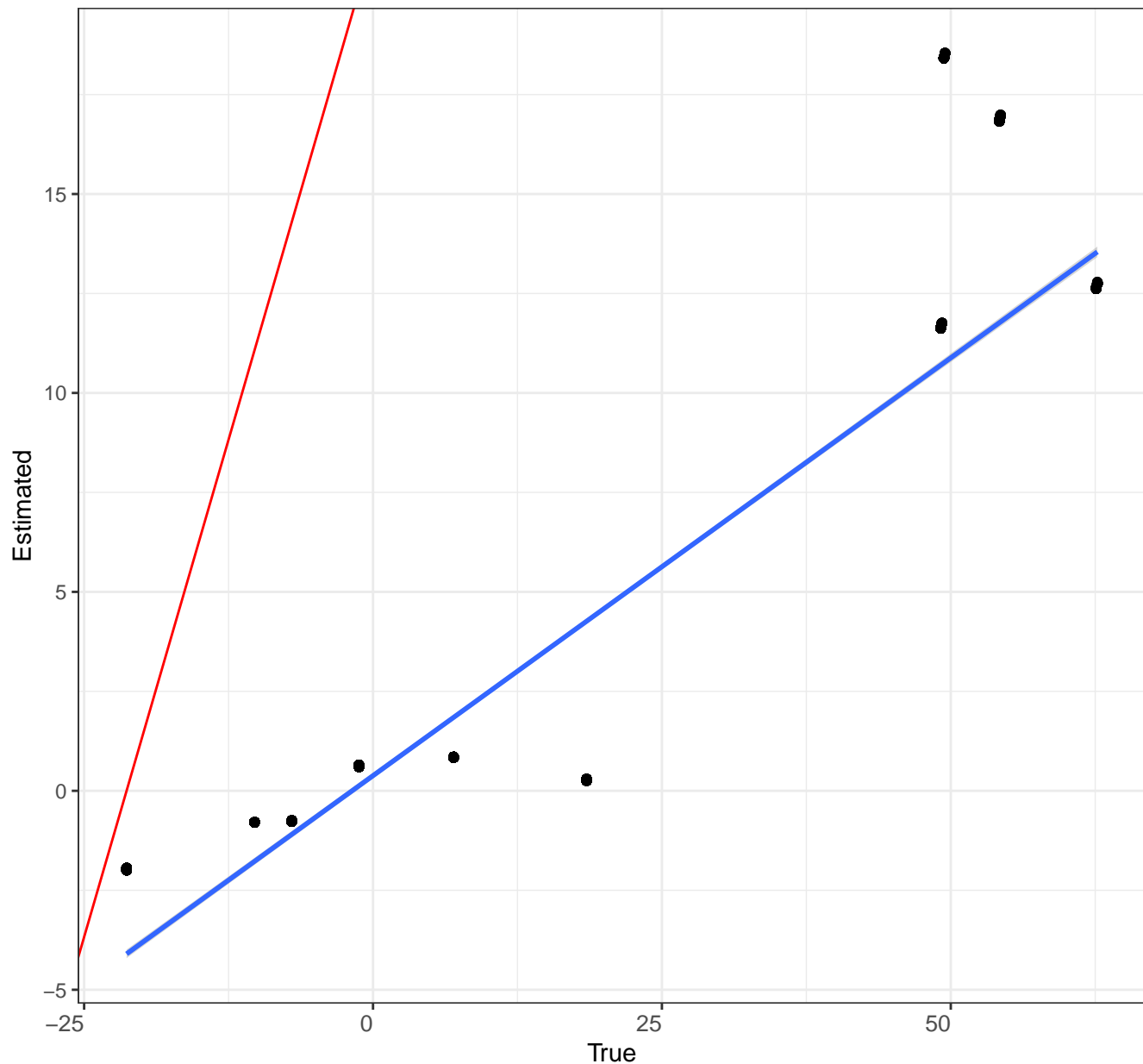Number of iterations: 2000 burnin: 1000 number of samples: 500 S=80 ,r=20 true gr K=4 ,type=1 ,N=150

Weights for the case: S=80 ,r=20 true gr K=4 ,type=1 ,N=150 pN=0

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

True vs estimated covariance parameters

Number of iterations: 2000 burnin: 1000number of samples: 500S=80 r=20 true K=4 type=1