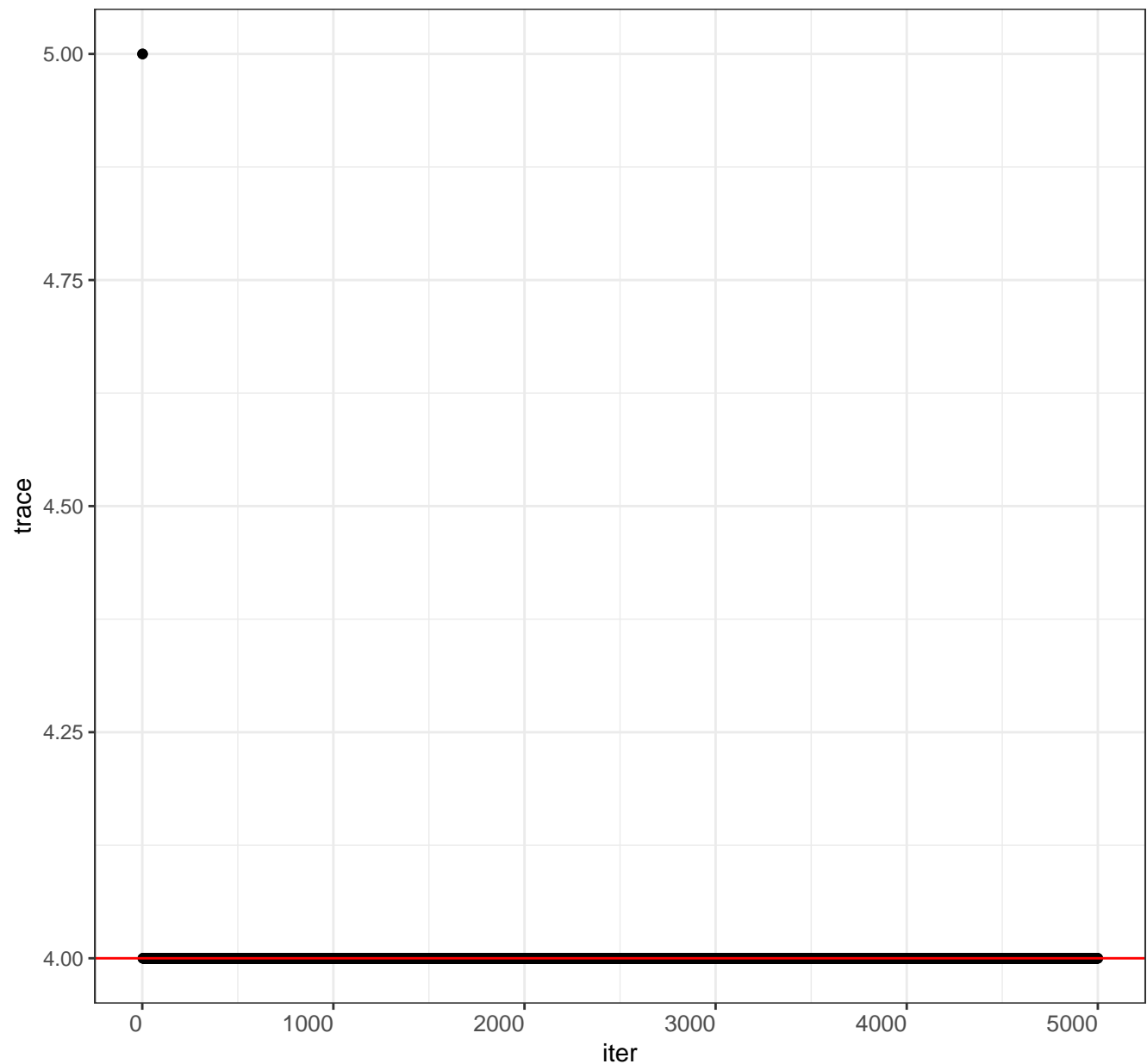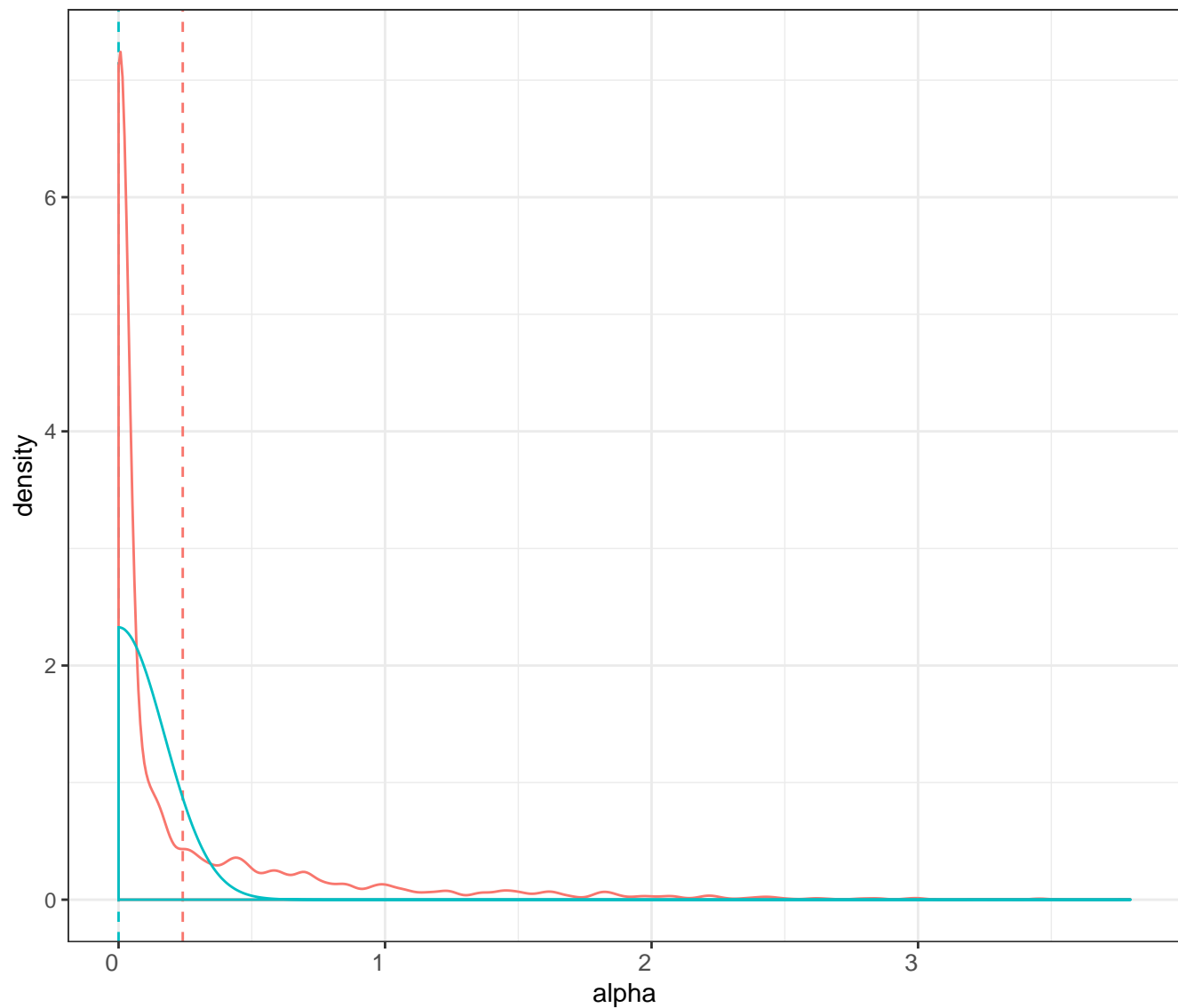# Trace plot for the number of groups K for S=50 r=15 true K=4 type=4

Number of iterations: 5000 burnin: 1000number of samples: 500

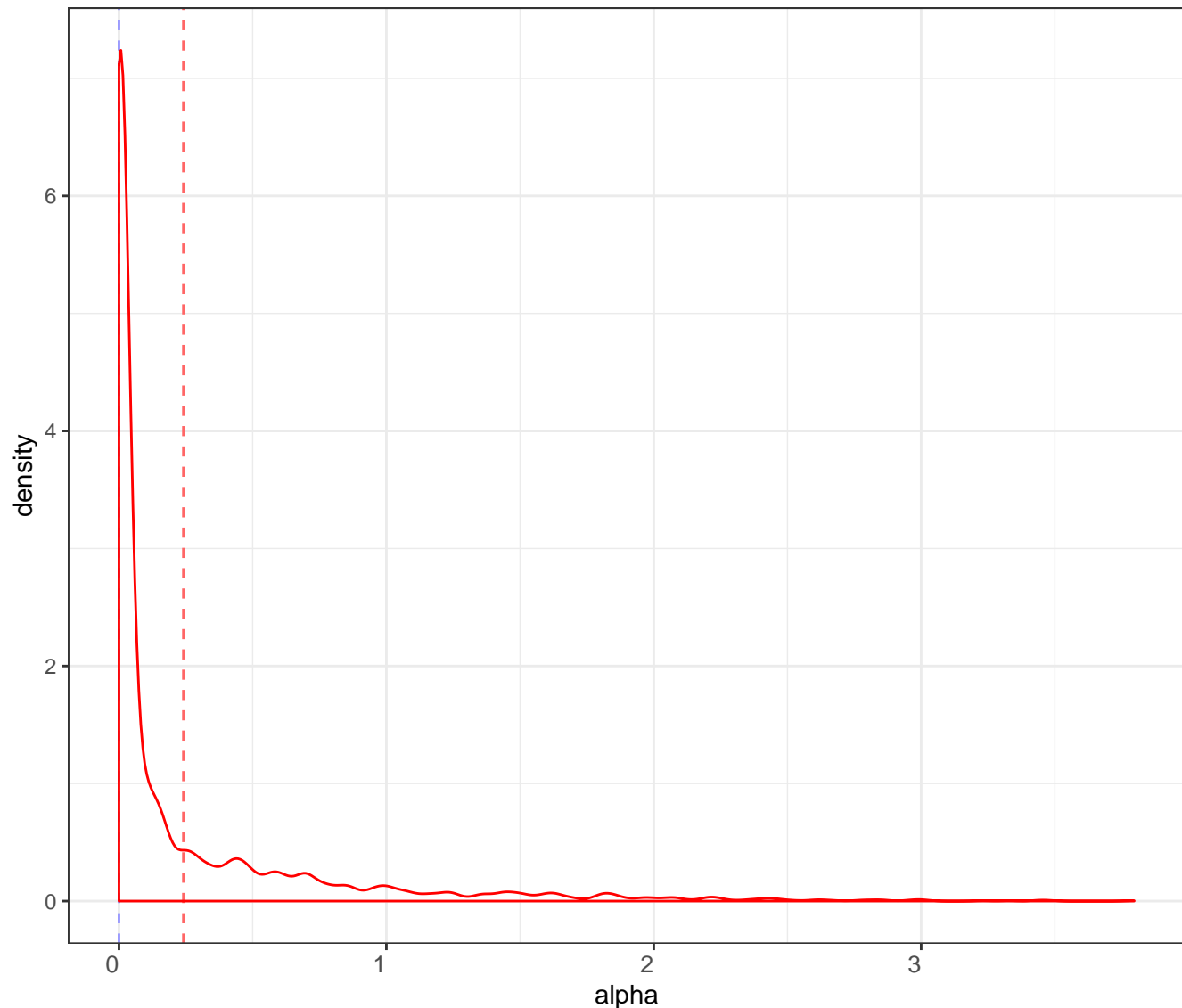Distribution alpha: S=50 ,r=15 true gr K=4 ,type=4 ,N=25

type ⌐ posterior ⌐ prior

density

alpha

Number of iterations: 5000 burnin: 1000 number of samples: 500
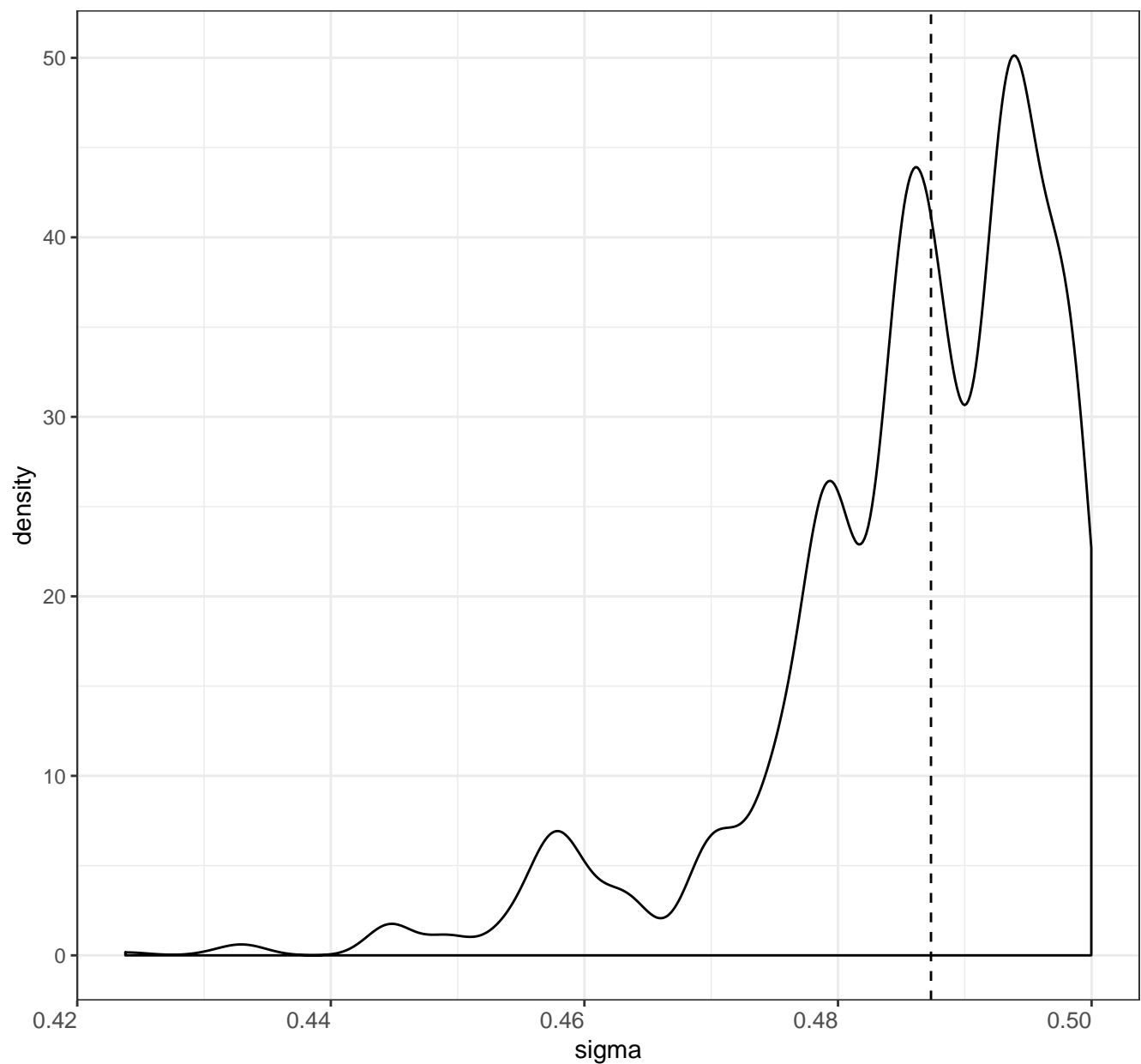
Posterior distribution for alpha
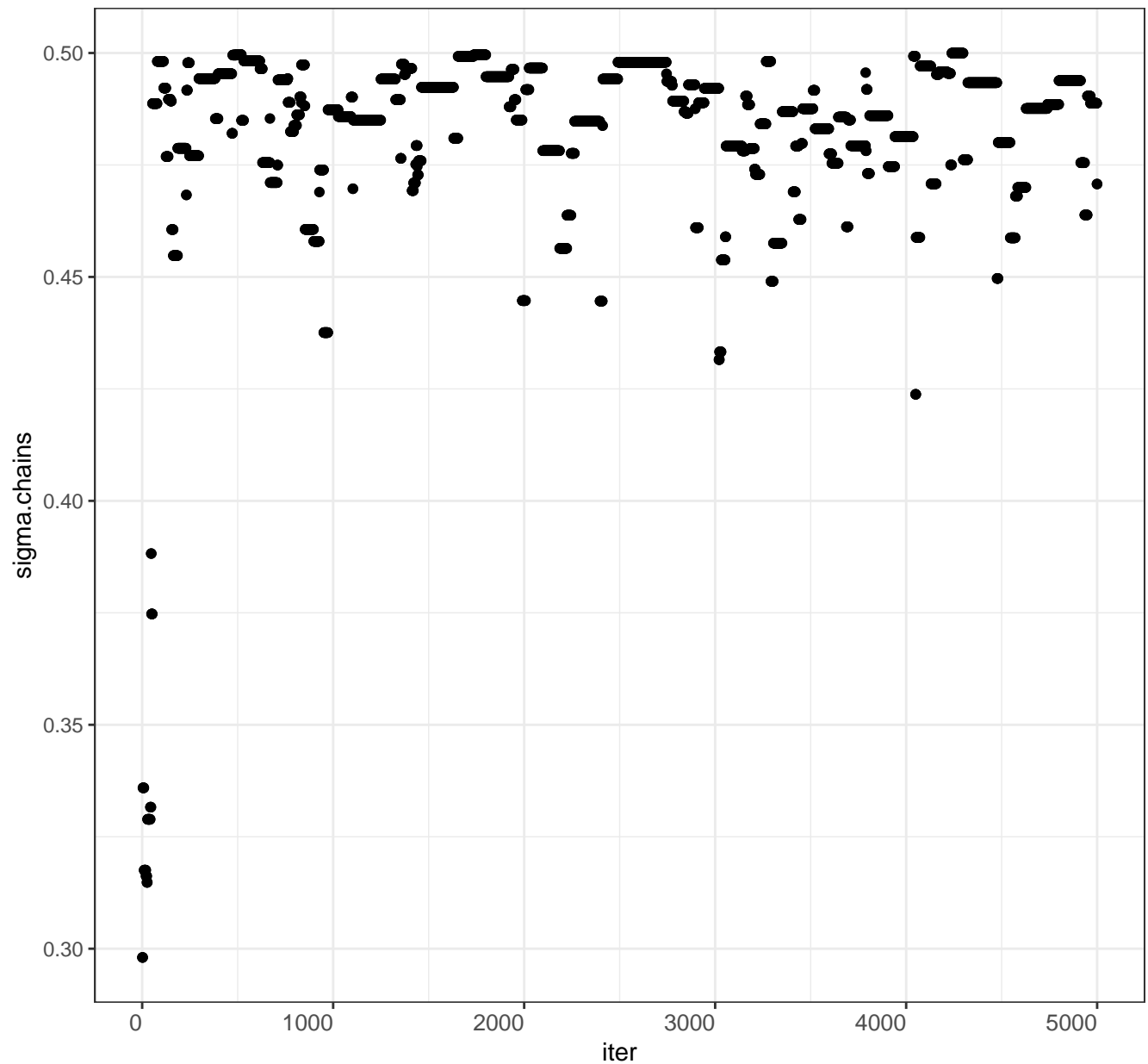
Legend ┊ posterior mean ┊ prior mean

Number of iterations: 5000 burnin: 1000 number of samples: 500 S=50 ,r=15 true gr K=4 ,type=4 ,N=25

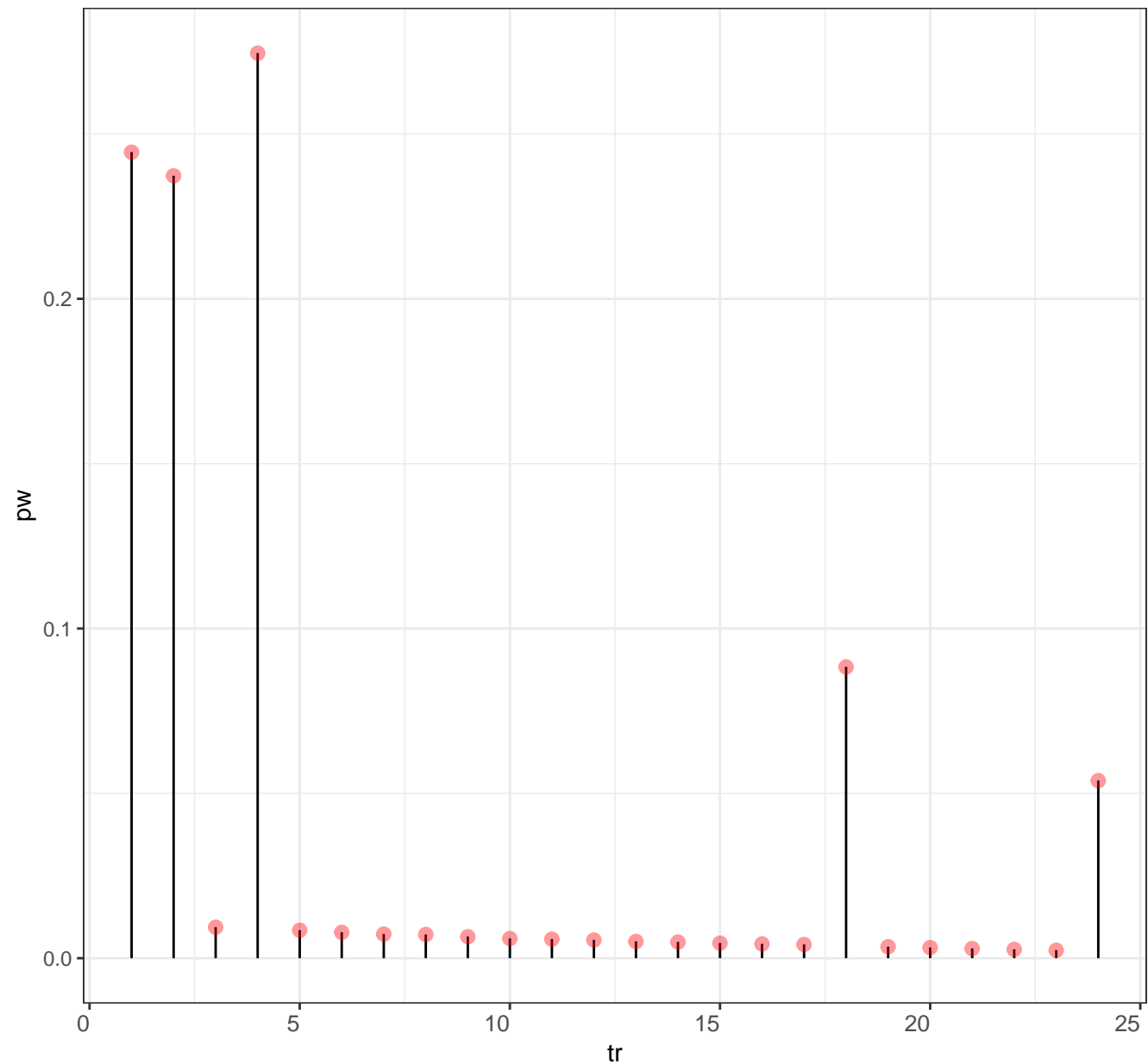Distribution sigma: S=50 ,r=15 true gr K=4 ,type=4 ,N=25

Number of iterations: 5000 burnin: 1000 number of samples: 500

Trace plot for the sigma for S=50 r=15 true K=4 type=4

Number of iterations: 5000 burnin: 1000number of samples: 500

Weights for the case: S=50 ,r=15 true gr K=4 ,type=4 ,N=25 pN=0.054

Number of iterations: 5000 burnin: 1000 number of samples: 500