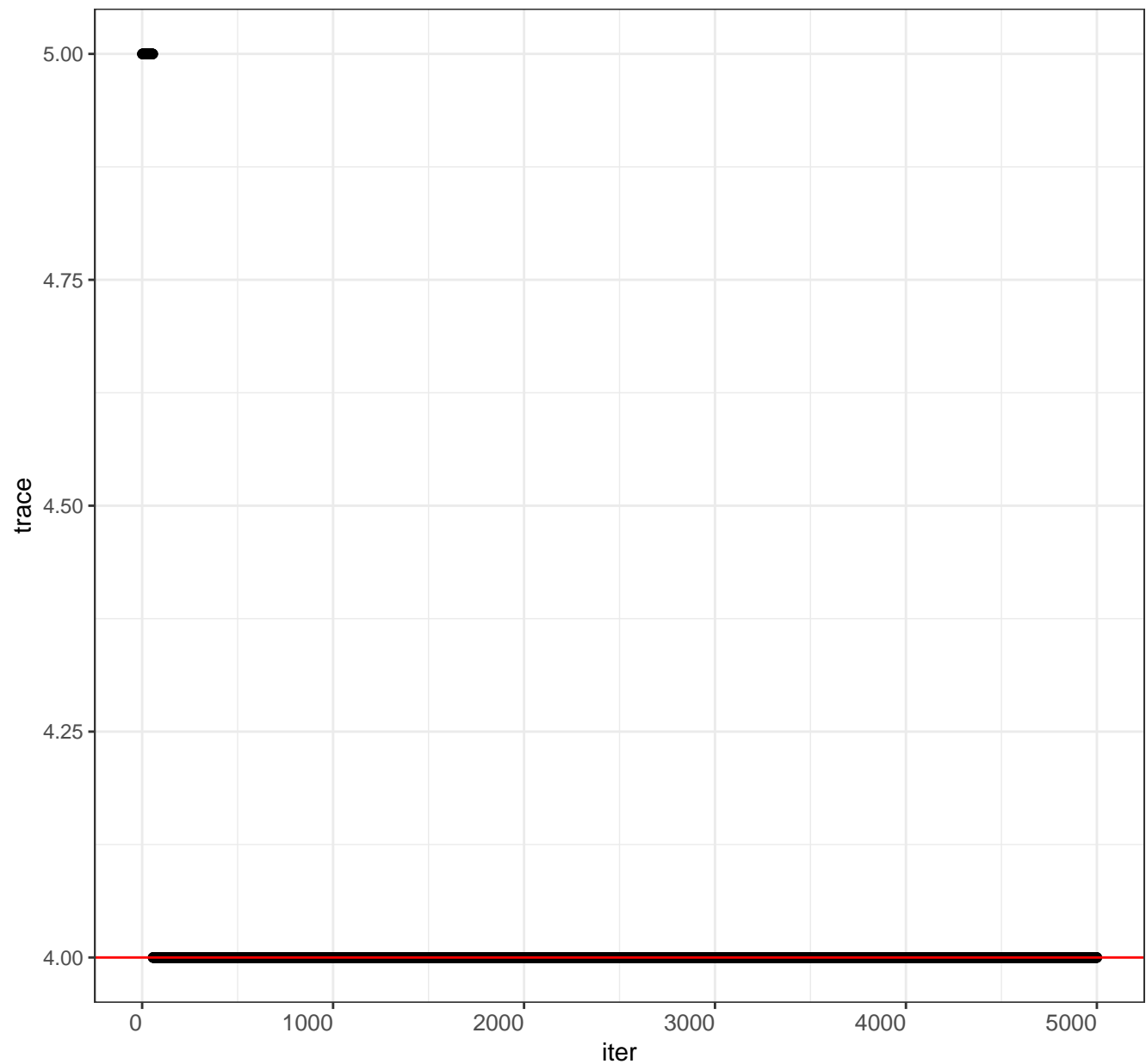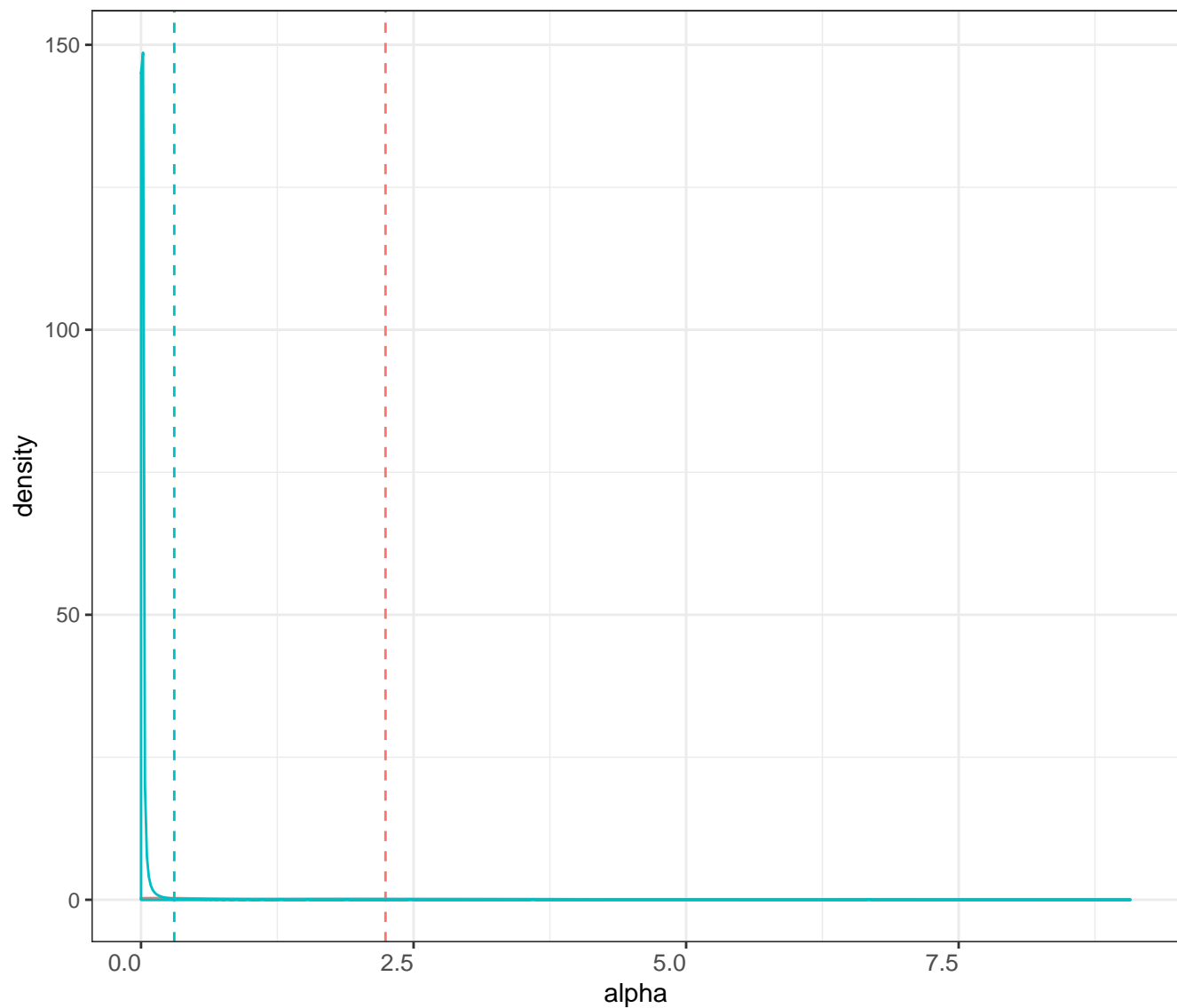Trace plot for the number of groups K for S=100 r=15 true K=4 type=4

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

Distribution alpha: S=100 ,r=15 true gr K=4 ,type=4 ,N=28

type ⬚ posterior ⬚ prior

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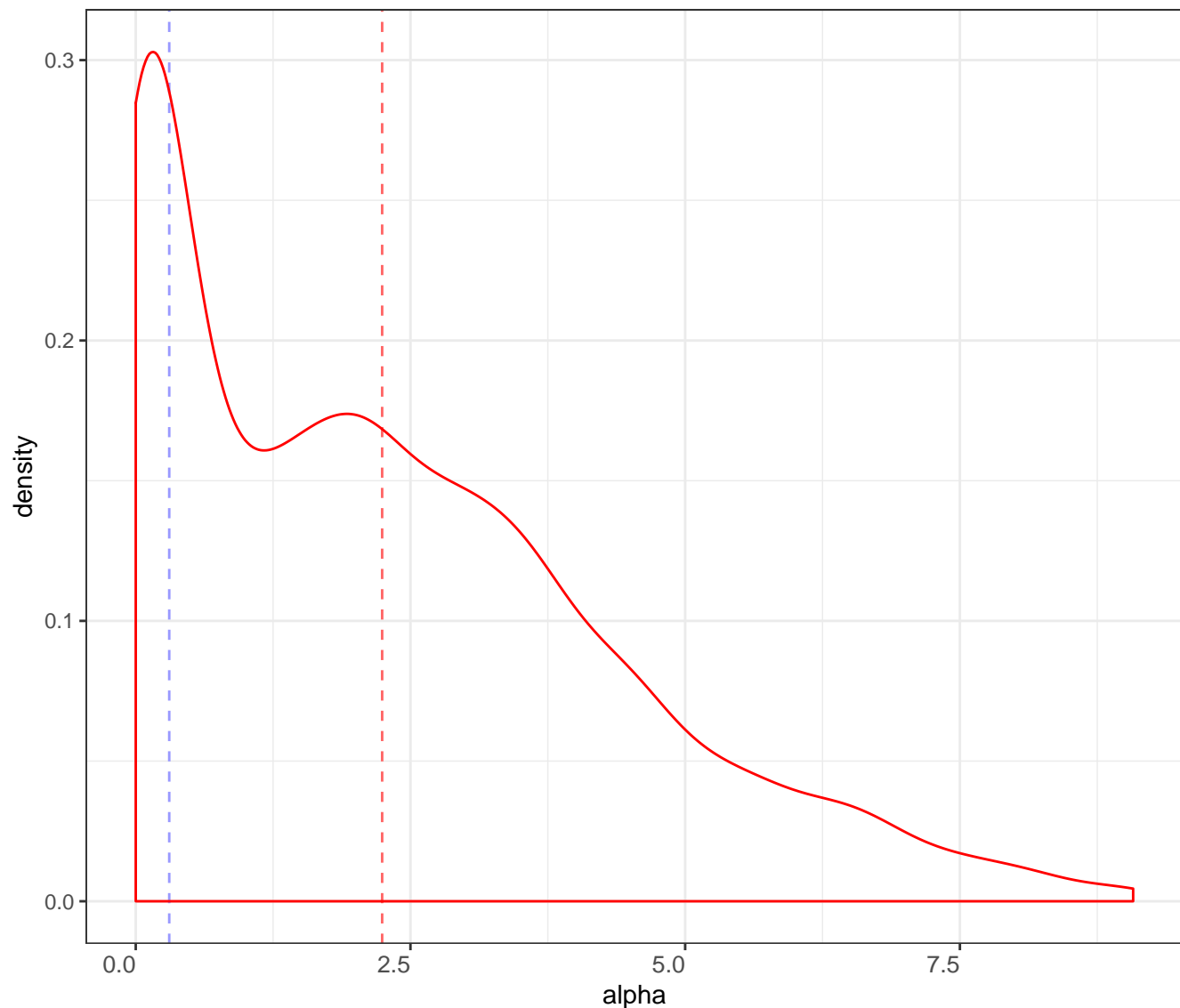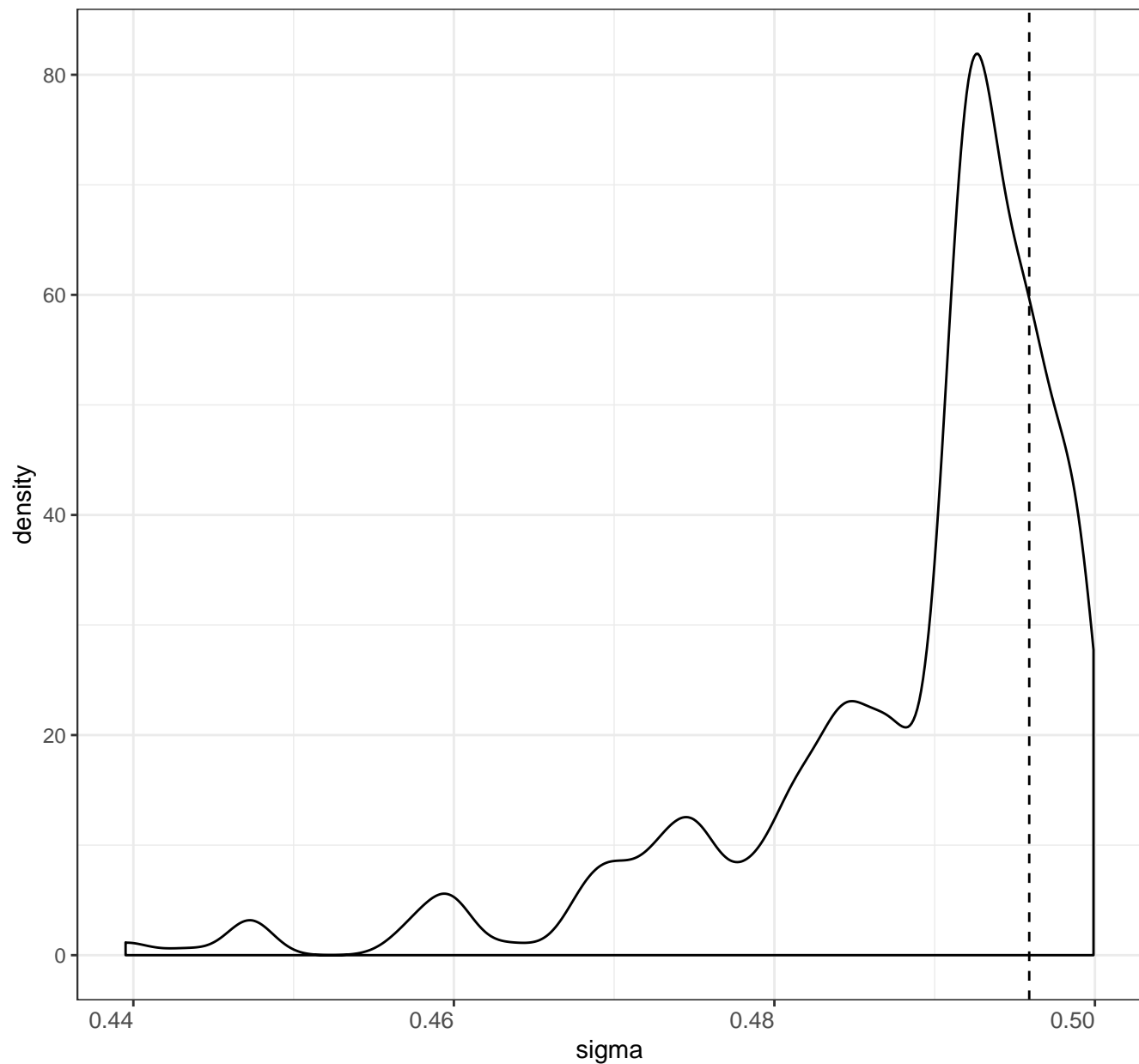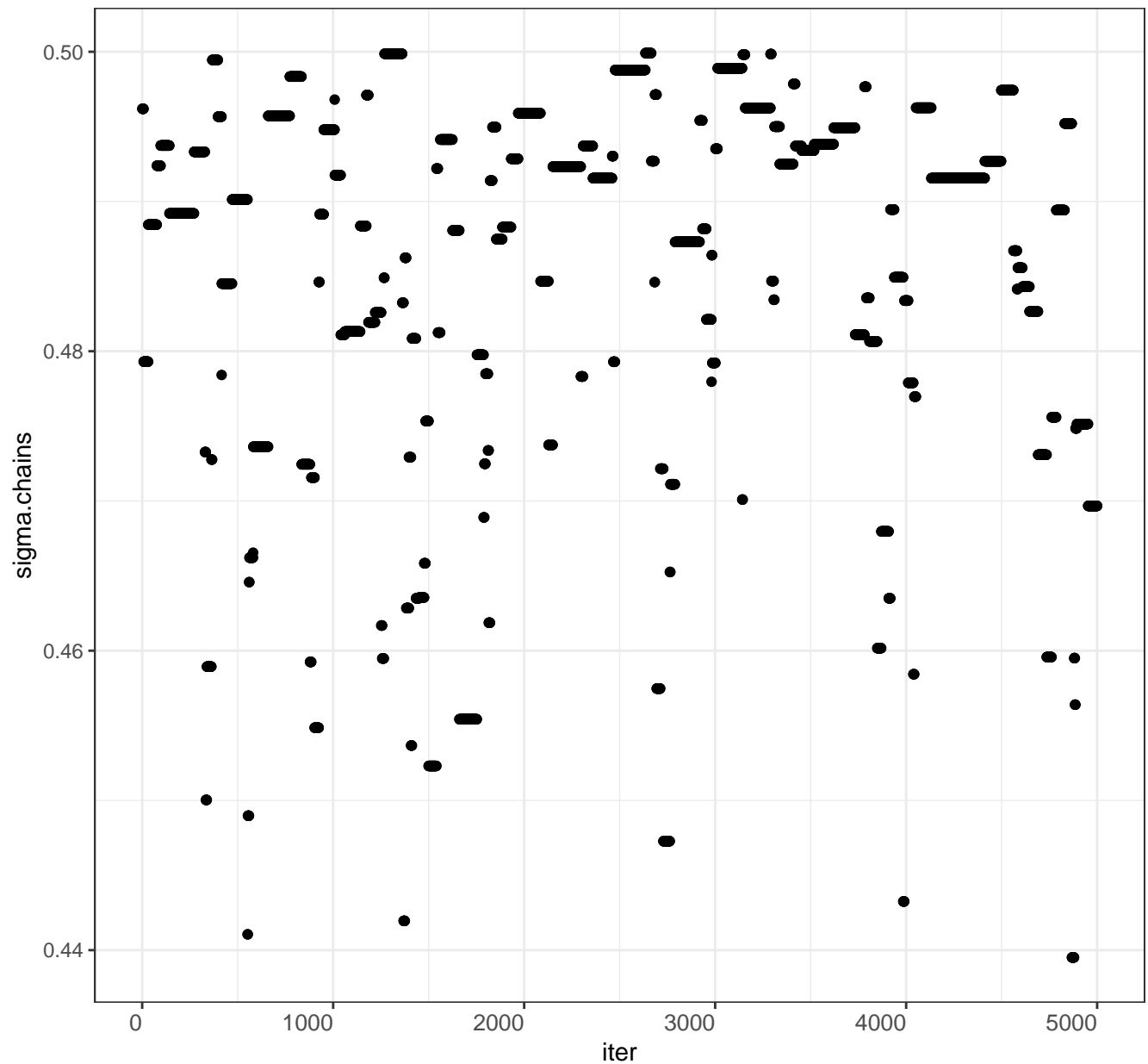
Posterior distribution for alpha

Number of iterations: 5000 burnin: 2000 number of samples: 500 S=100 ,r=15 true gr K=4 ,type=4 ,N=28

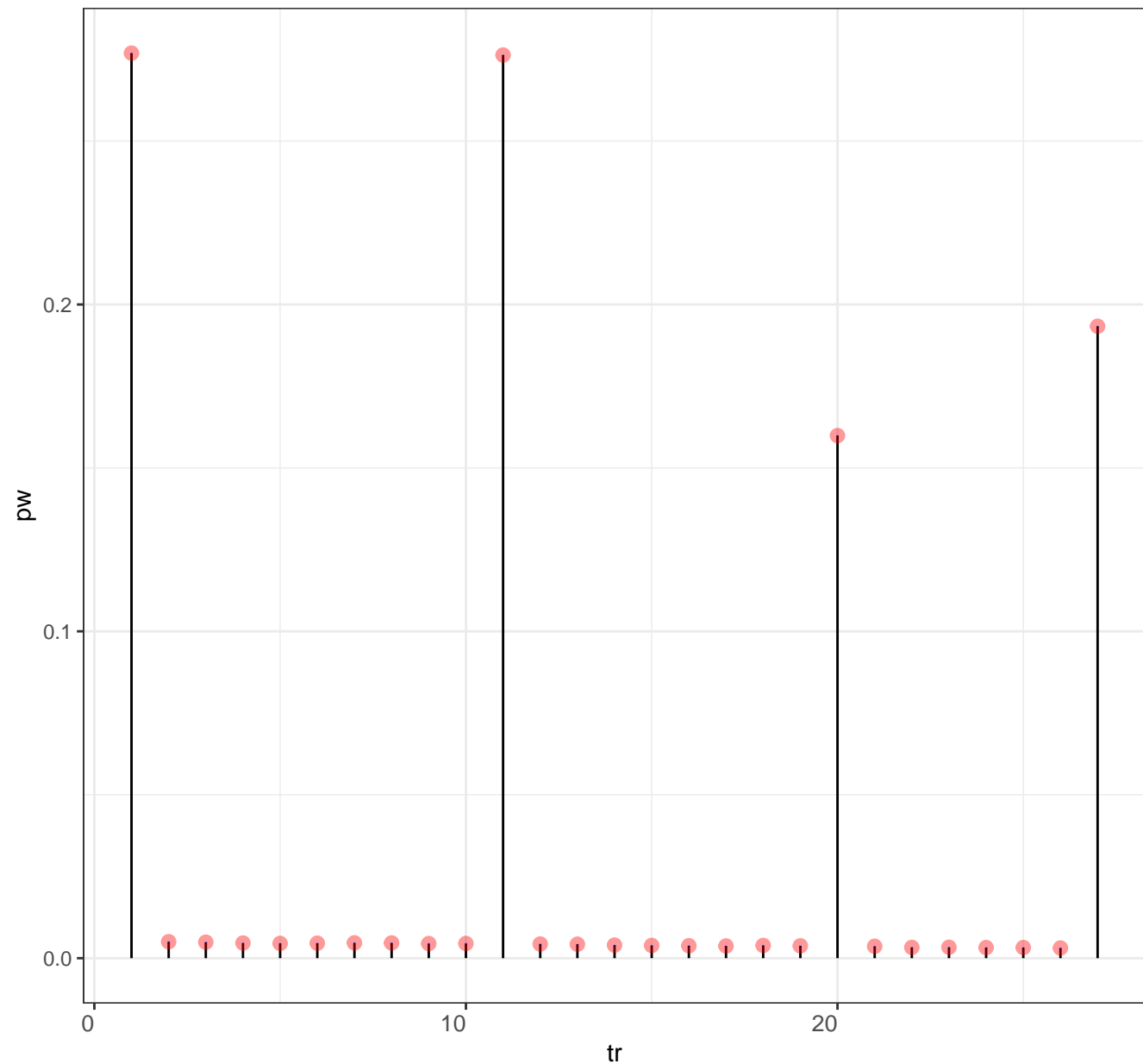Distribution sigma: S=100 ,r=15 true gr K=4 ,type=4 ,N=28

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

Trace plot for the sigma for S=100 r=15 true K=4 type=4

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

Weights for the case: S=100 ,r=15 true gr K=4 ,type=4 ,N=28 pN=0.193

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