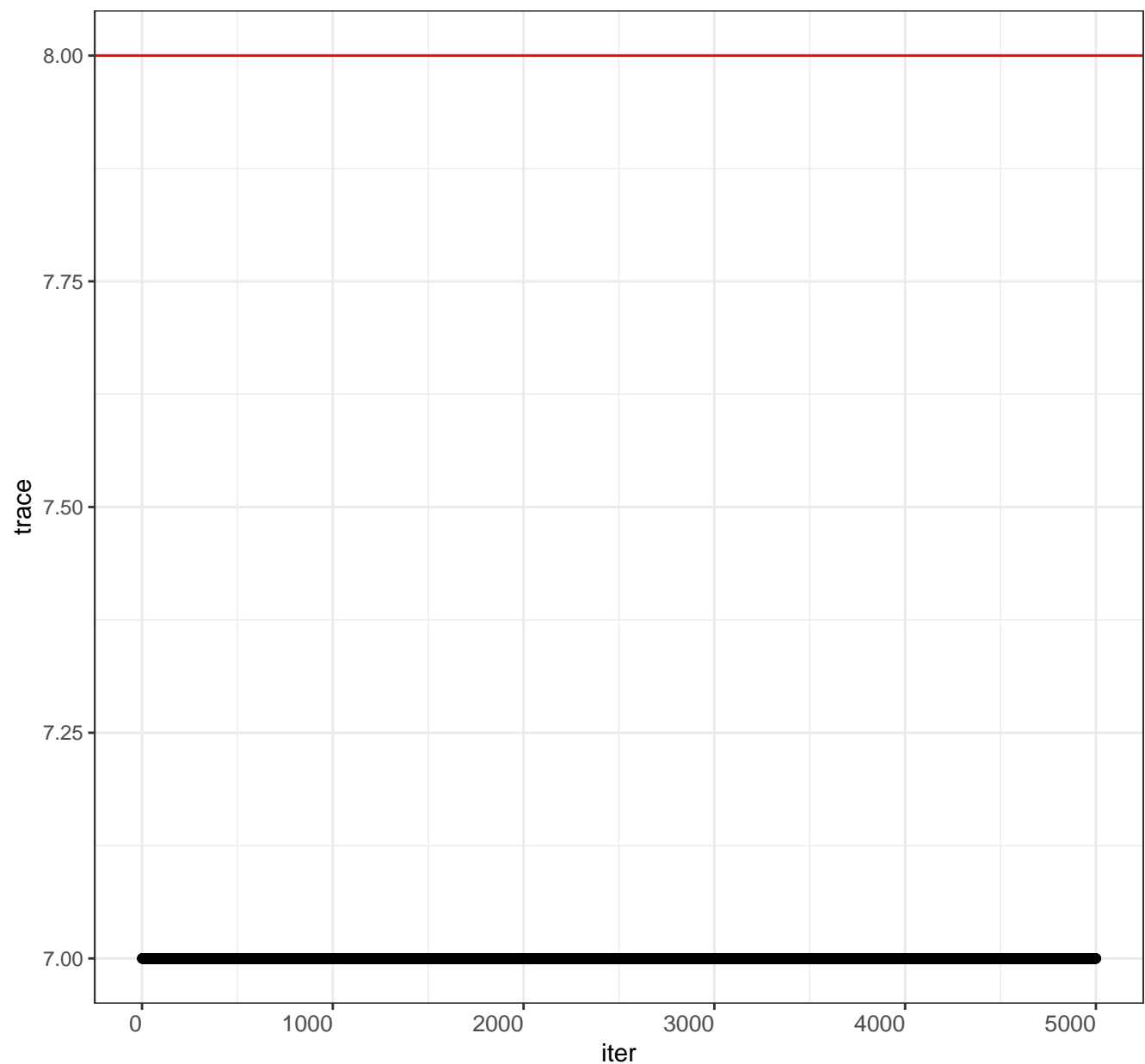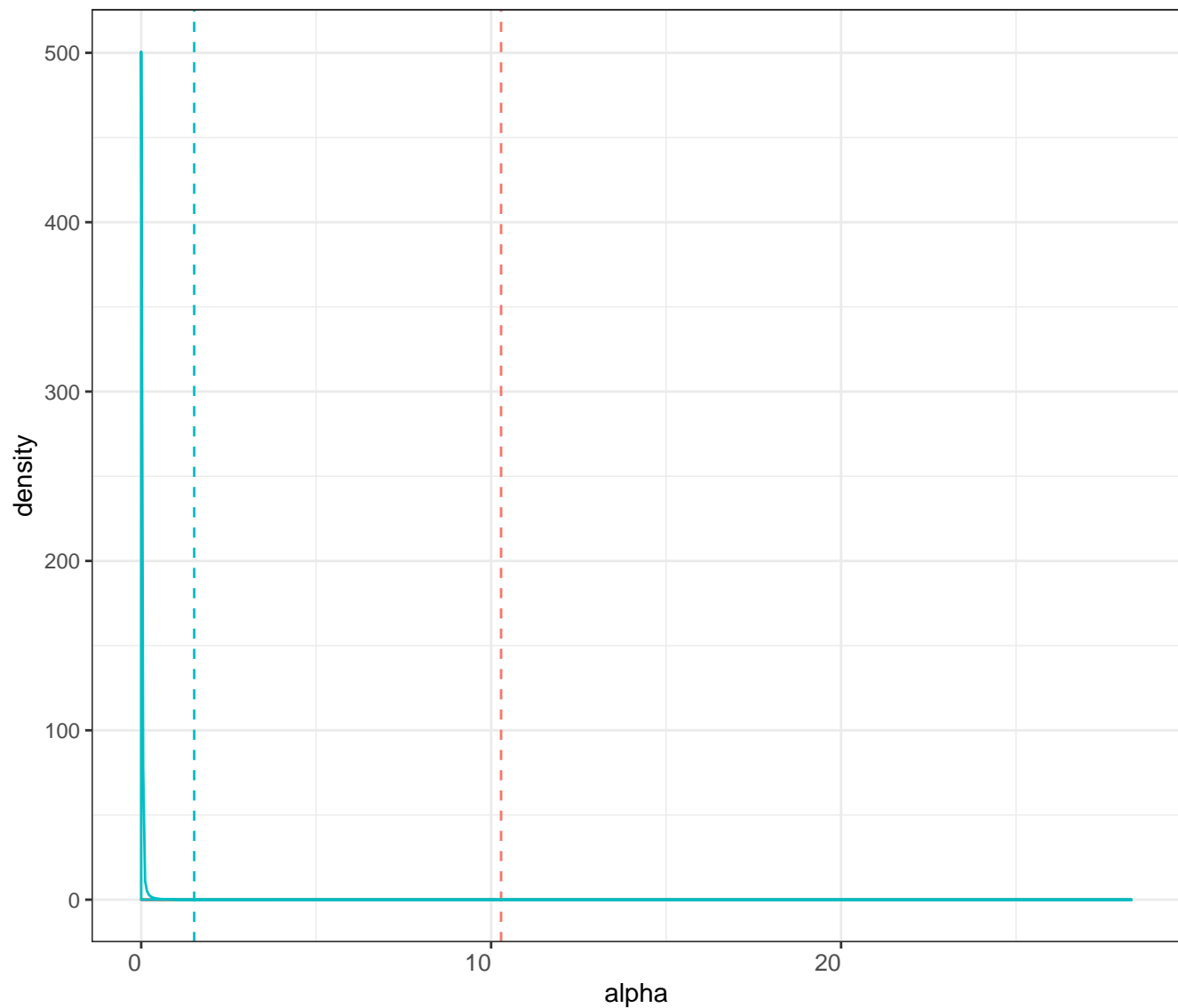# Trace plot for the number of groups K for S=20 r=5 true K=8 type=4

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

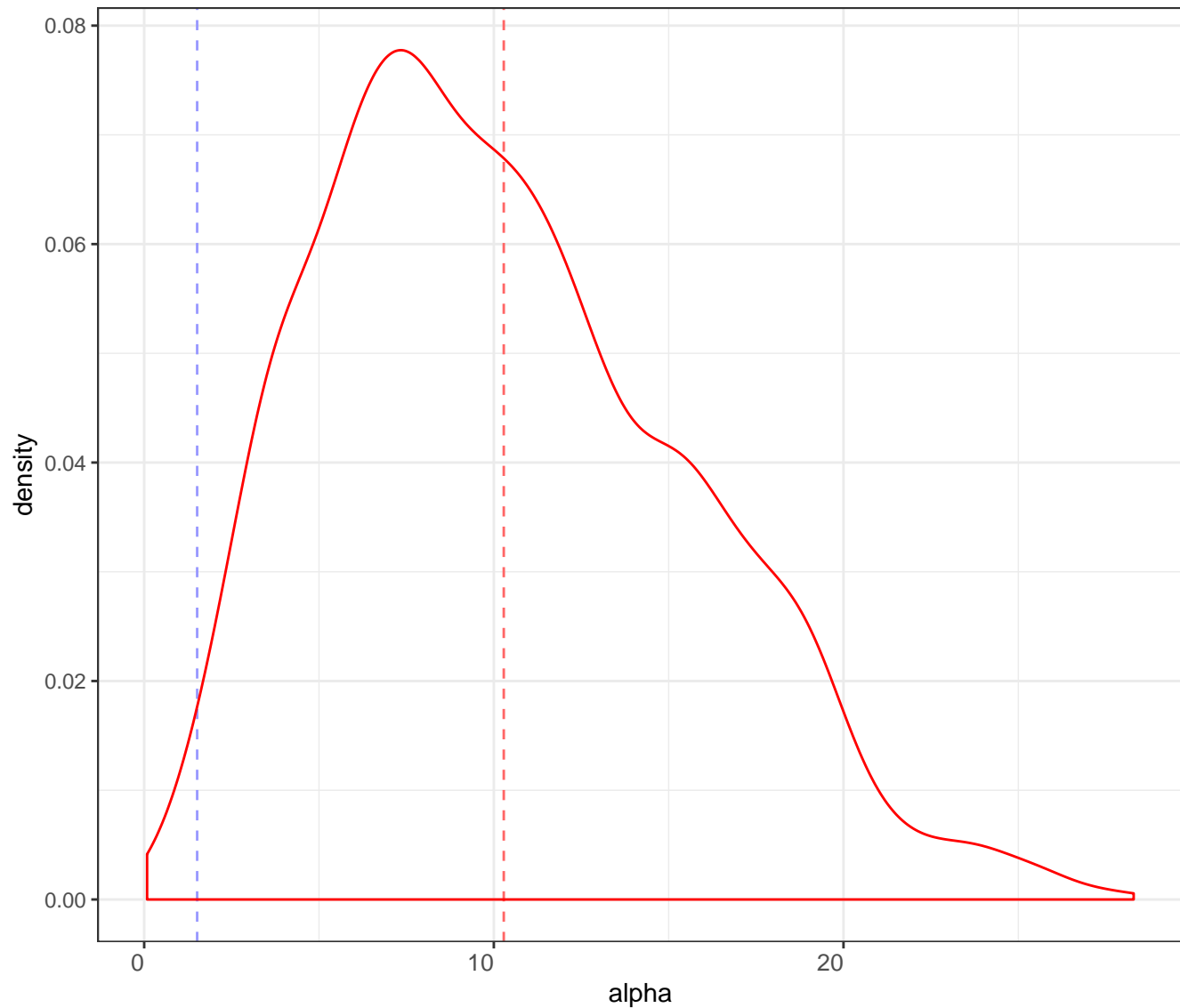# Distribution alpha: S=20 ,r=5 true gr K=8 ,type=4 ,N=229

type | posterior | prior

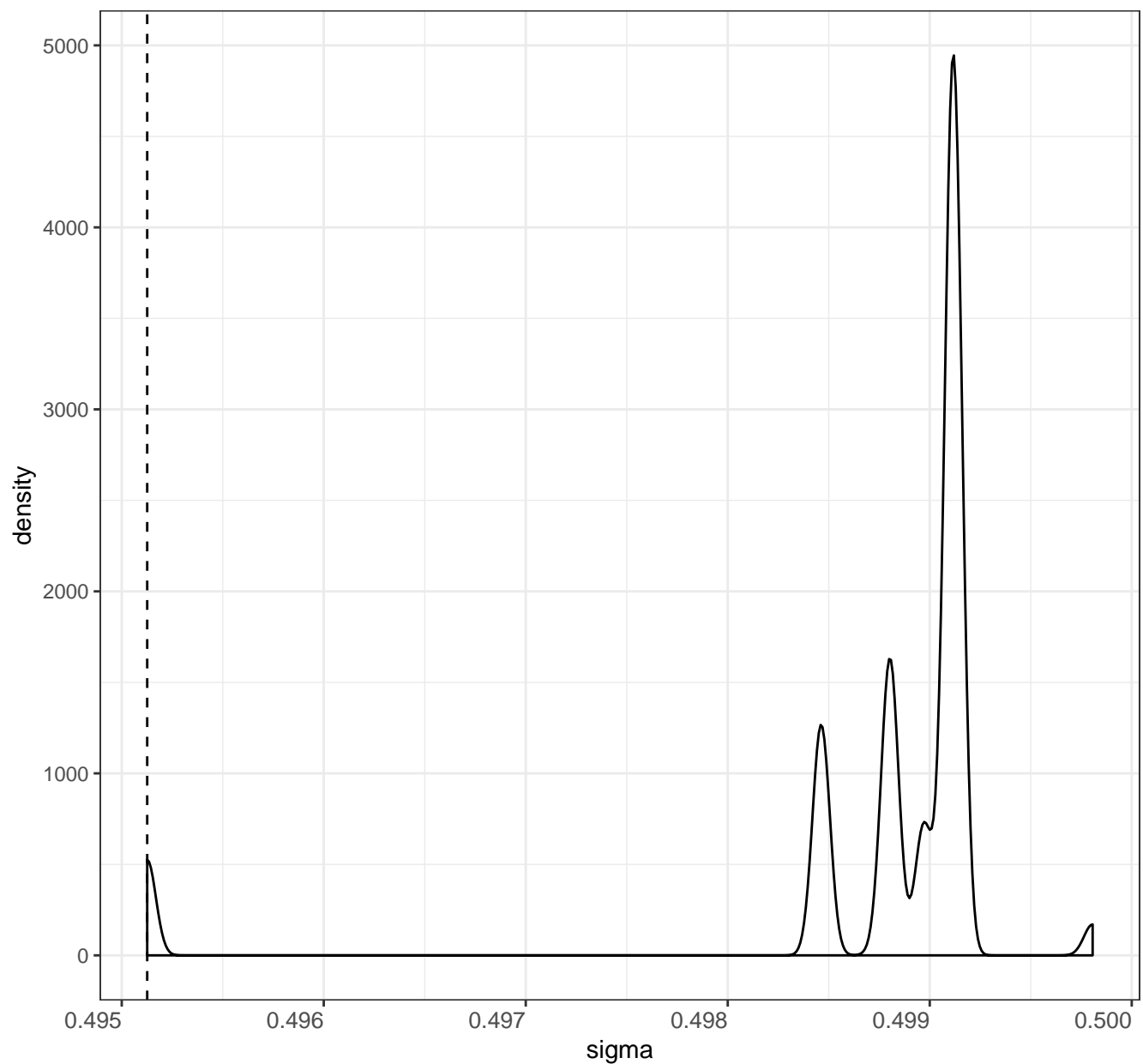Number of iterations: 5000 burnin: 2000 number of samples: 500

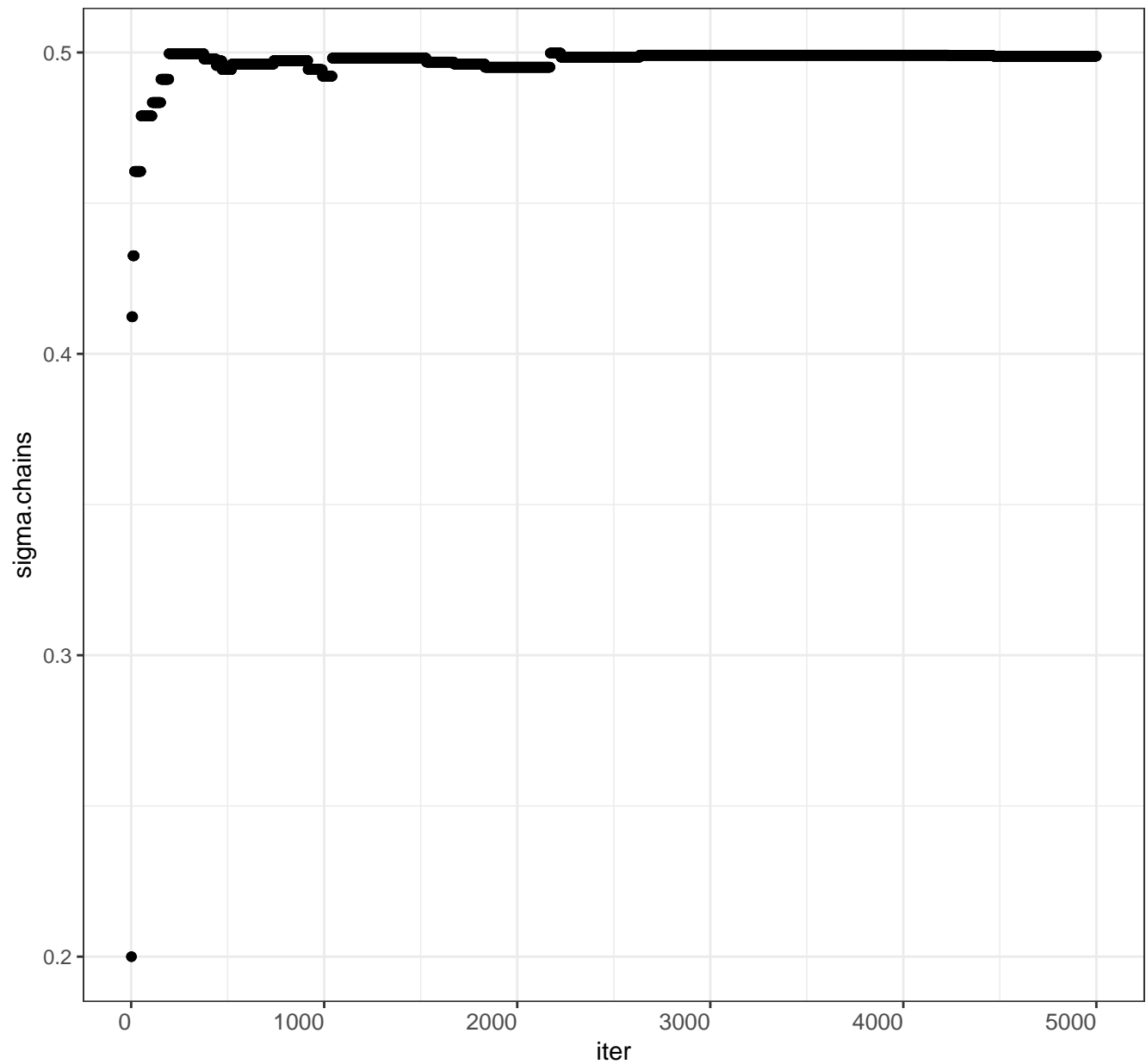Posterior distribution for alpha

Legend — posterior mean — prior mean

Number of iterations: 5000 burnin: 2000 number of samples: 500 S=20 ,r=5 true gr K=8 ,type=4 ,N=229

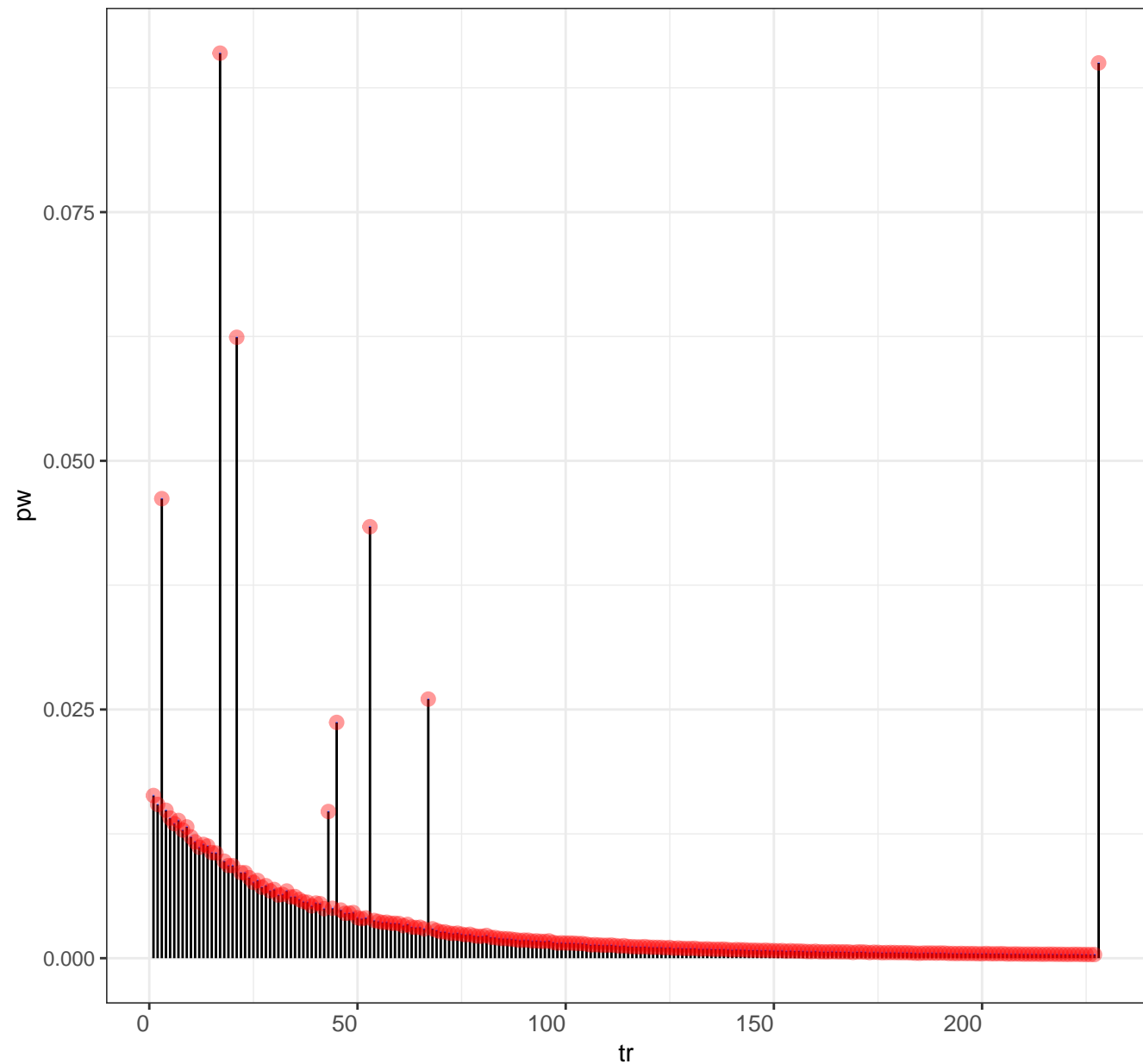Distribution sigma: S=20 ,r=5 true gr K=8 ,type=4 ,N=229

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

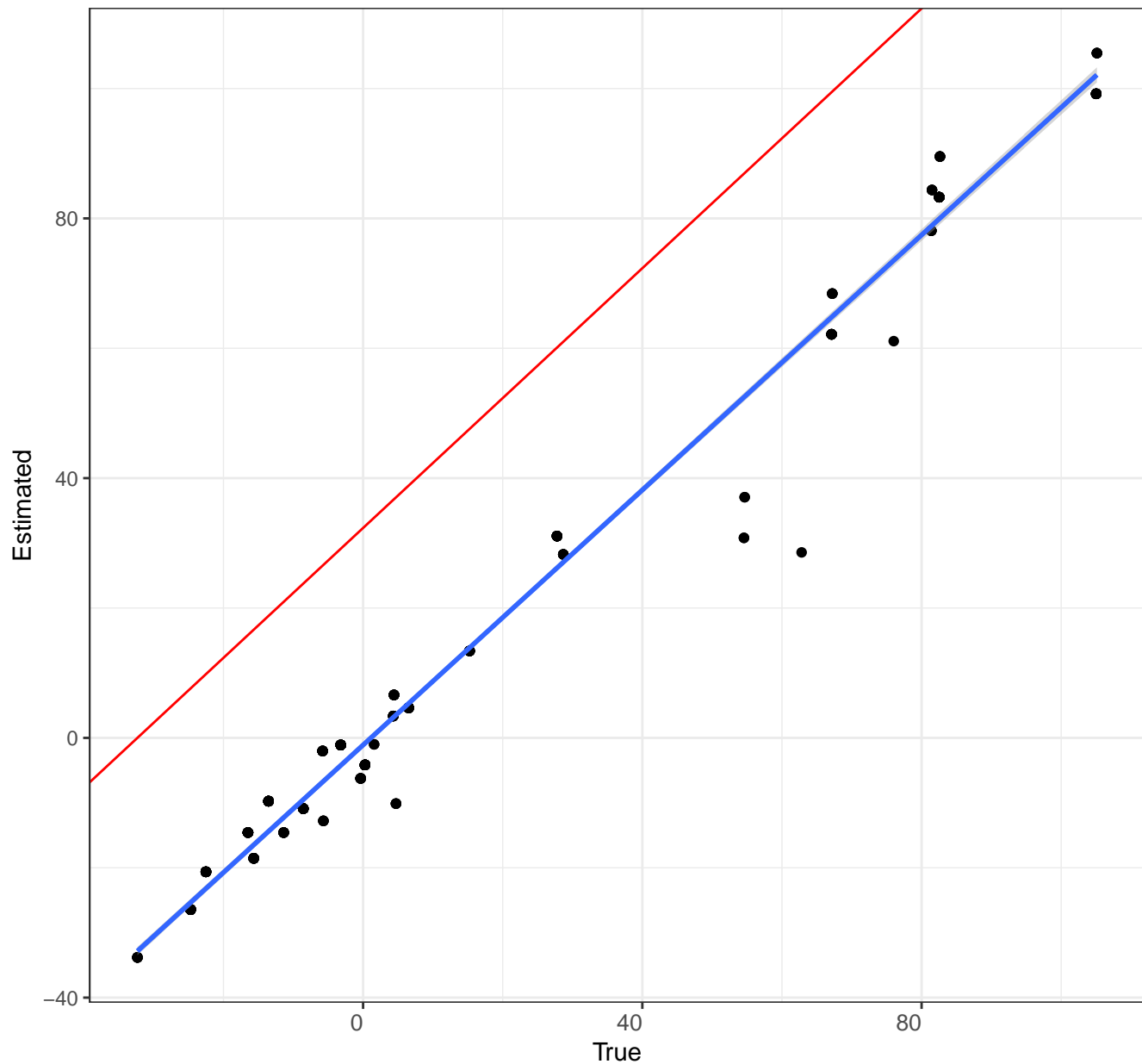Trace plot for the sigma for S=20 r=5 true K=8 type=4

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

Weights for the case: S=20 ,r=5 true gr K=8 ,type=4 ,N=229 pN=0.09

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

True vs estimated covariance parameters

Number of iterations: 5000 burnin: 2000number of samples: 500S=20 r=5 true K=8 type=4