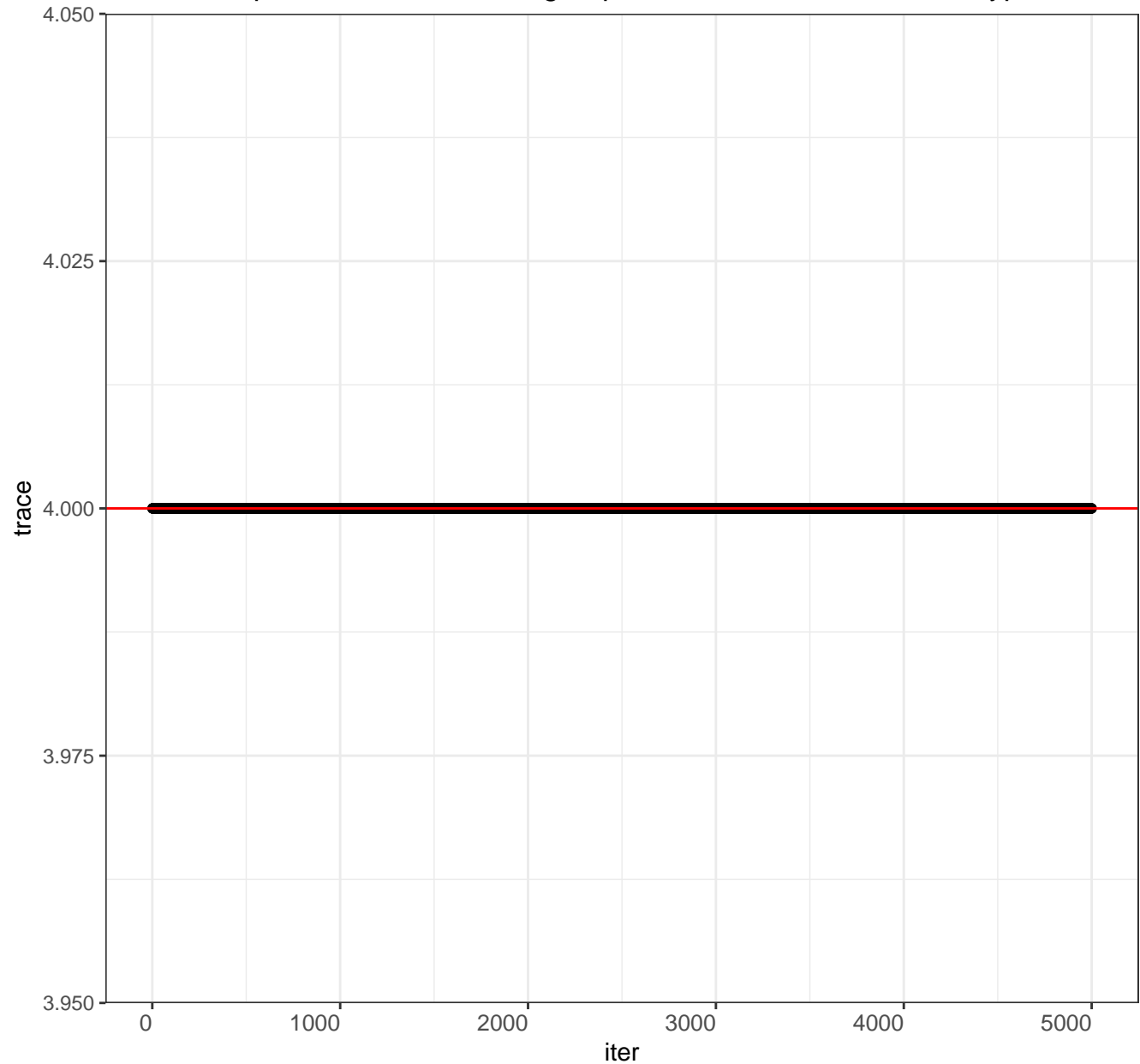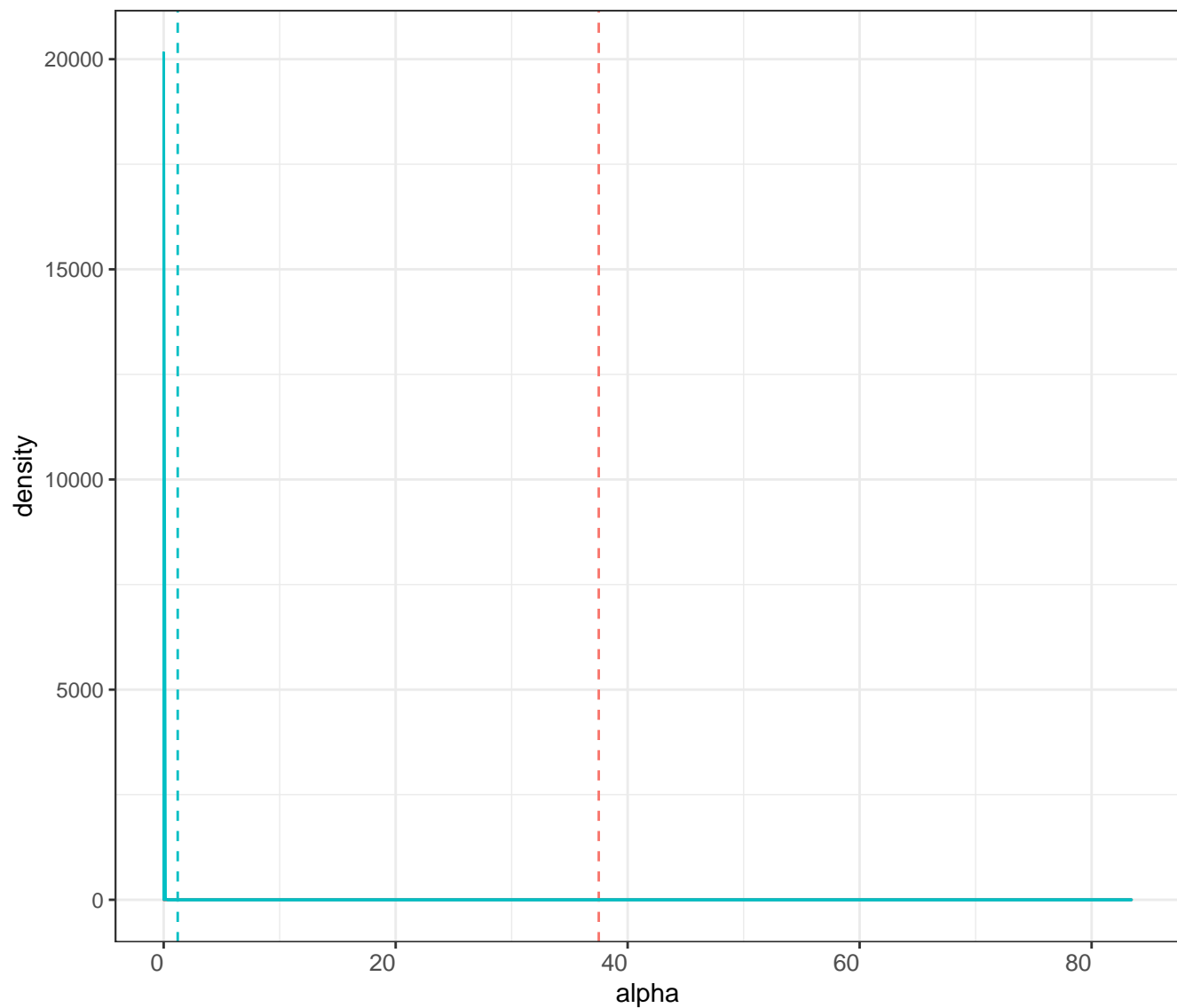Trace plot for the number of groups K for S=20 r=15 true K=4 type=1

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

Distribution alpha: S=20 ,r=15 true gr K=4 ,type=1 ,N=150

type [posterior] [prior]

Number of iterations: 5000 burnin: 1000 number of samples: 500
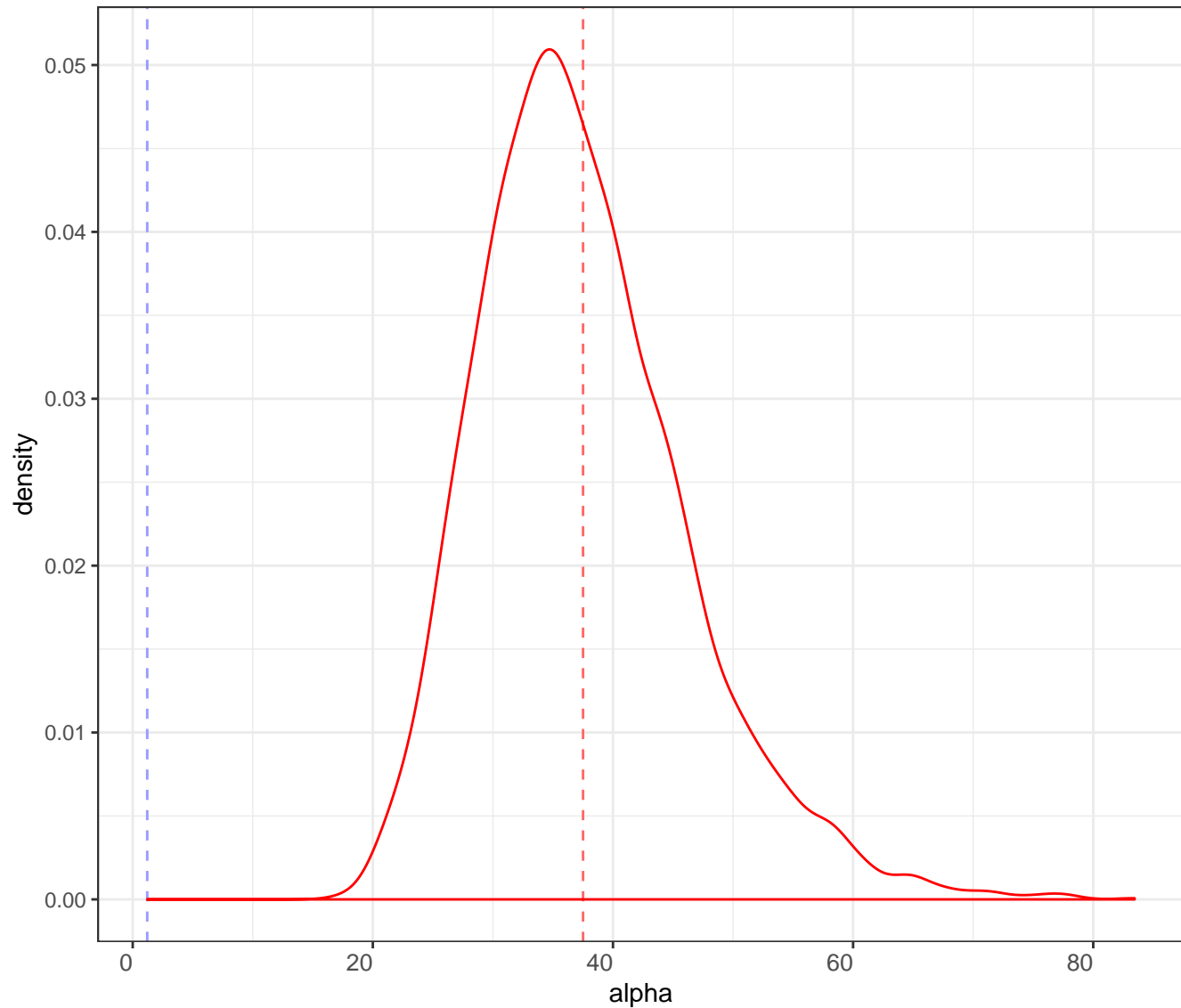
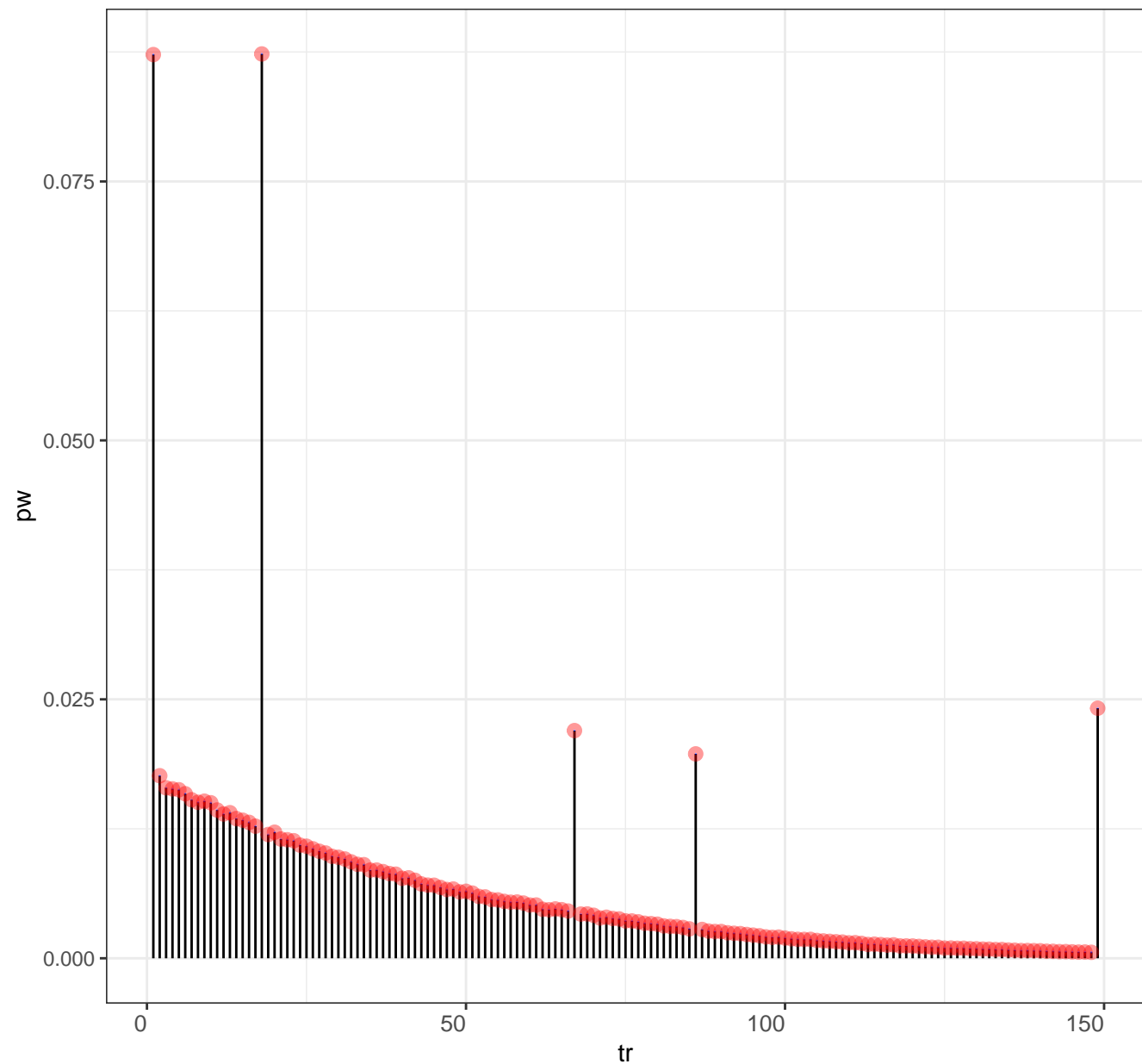Posterior distribution for alpha

Legend · · · posterior mean · · · prior mean

Number of iterations: 5000 burnin: 1000 number of samples: 500 S=20 ,r=15 true gr K=4 ,type=1 ,N=150

Weights for the case: S=20 ,r=15 true gr K=4 ,type=1 ,N=150 pN=0.024

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