Trace plot for the number of groups K for S=50 r=10 true K=4 type=3 5.00 4.75 trace 4.50 4.25 4.00 2000 5000 1000 3000 4000 0 iter

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

Weights for the case: S=50 ,r=10 true gr K=4 ,type=3 ,N=77 pN=0.137 0.20 0.15 -0.05 0.00 -20 60 40 tr

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