Trace plot for the number of groups K for S=20 r=10 true K=8 type=3 9.00 8.75 trace 05.8 8.25 -8.00 2000 5000 1000 3000 4000 0 iter

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

Weights for the case: S=20 ,r=10 true gr K=8 ,type=3 ,N=150 pN=0.112 0.09 -0.06 0.03 -0.00 50 100 150 0 tr

Number of iterations: 5000 burnin: 2000 number of samples: 500 $\,$

