Trace plot for the number of groups K for S=80 r=5 true K=4 type=0 15 **-**12 trace 9 -6 -1000 3000 4000 5000 2000 iter

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

Weights for the case: S=80 ,r=5 true gr K=4 ,type=0 ,N=80 pN=0.006 0.15 0.10 0.05 0.00 20 40 60 80

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