

$\rho = 0.99$

I ppl: 30  
**R unbalanced:**

K regions: 35

No mcmc: 10000

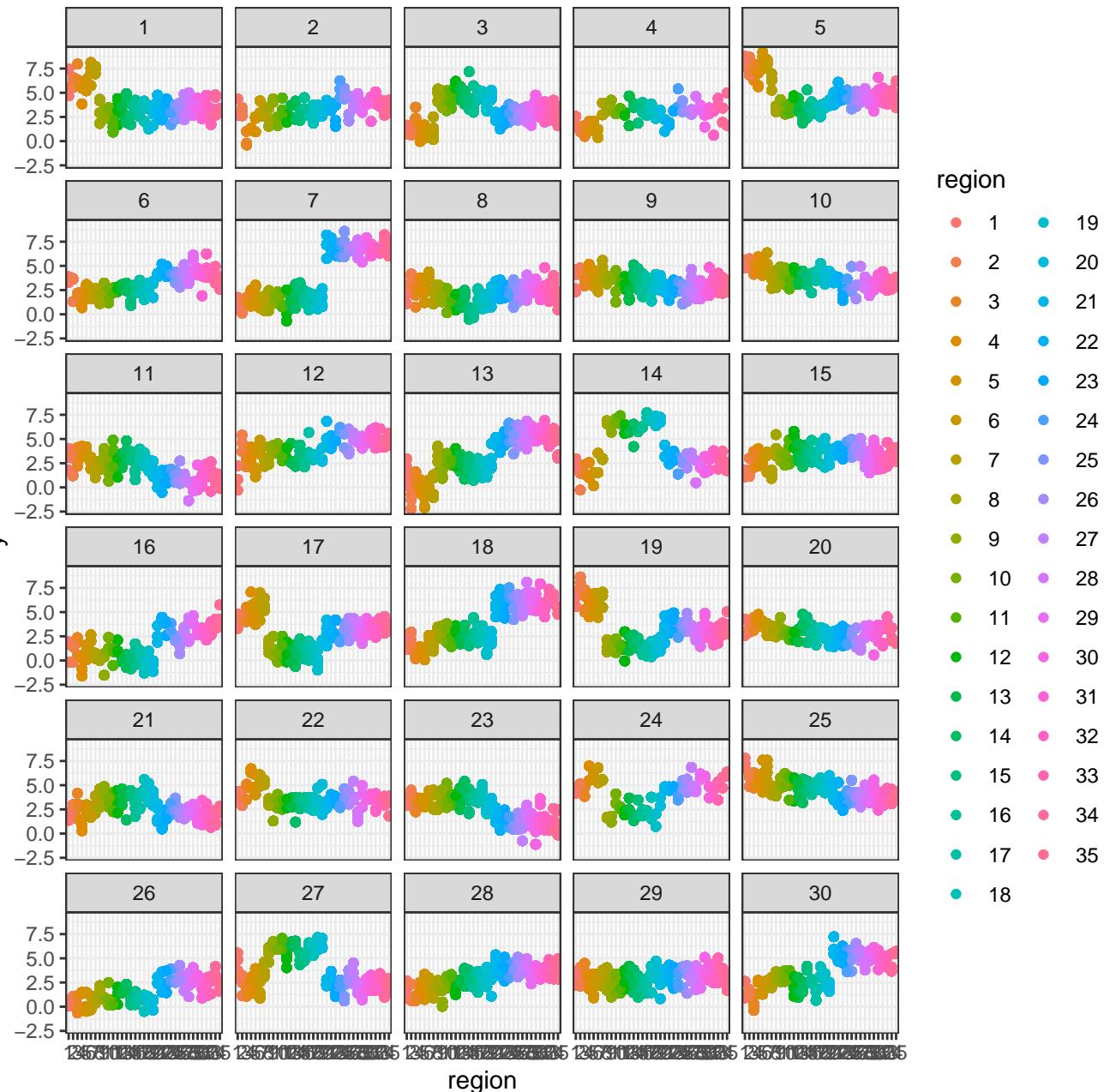
sol.b0:3 low.95.ci:2.85 post.mean:3.14 high.95.ci:3.45

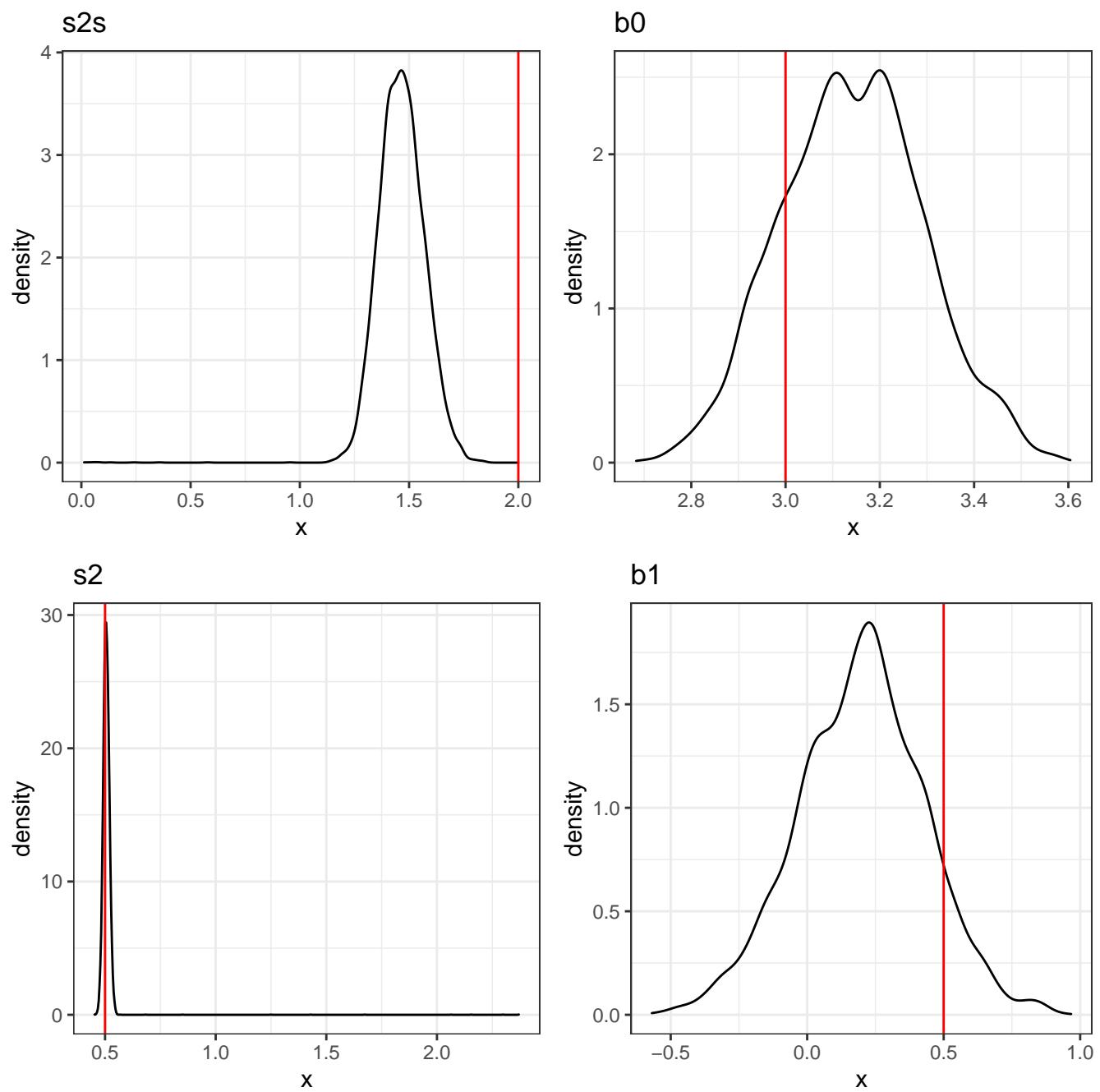
sol.b1:0.5 low.95.ci:-0.28 post.mean:0.2 high.95.ci:0.65

sol.s2:0.5 low.95.ci:0.48 post.mean:0.51 high.95.ci:0.53

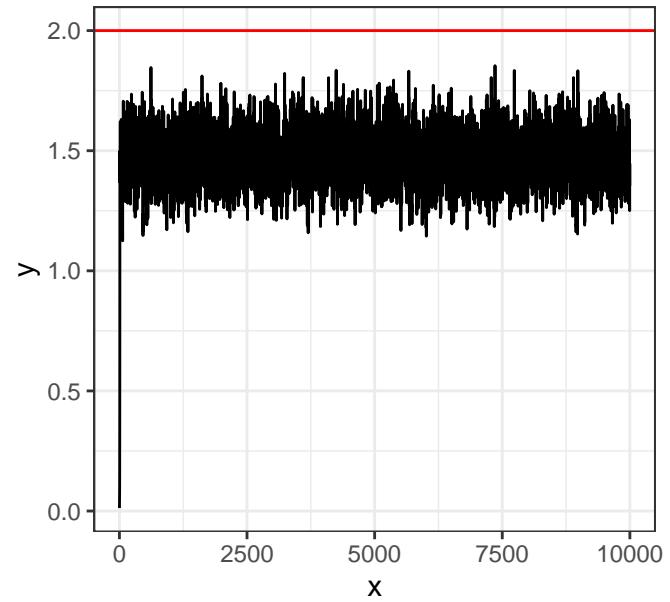
sol.s2s:2 low.95.ci:1.28 post.mean:1.47 high.95.ci:1.67

# 35 region CAR ROI MRI simulated data for 30 participants with unlabanced replic

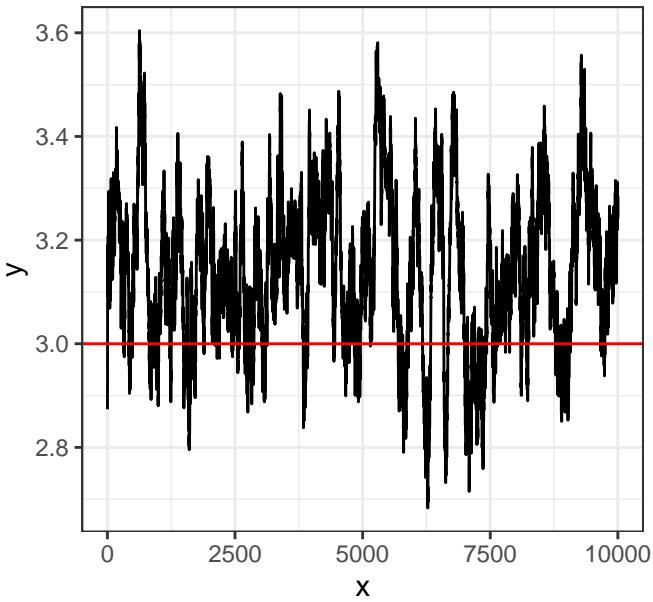




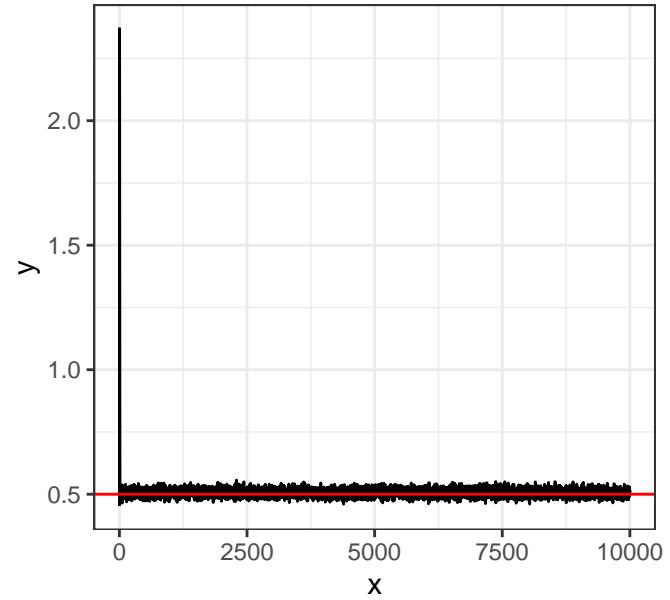
s2s



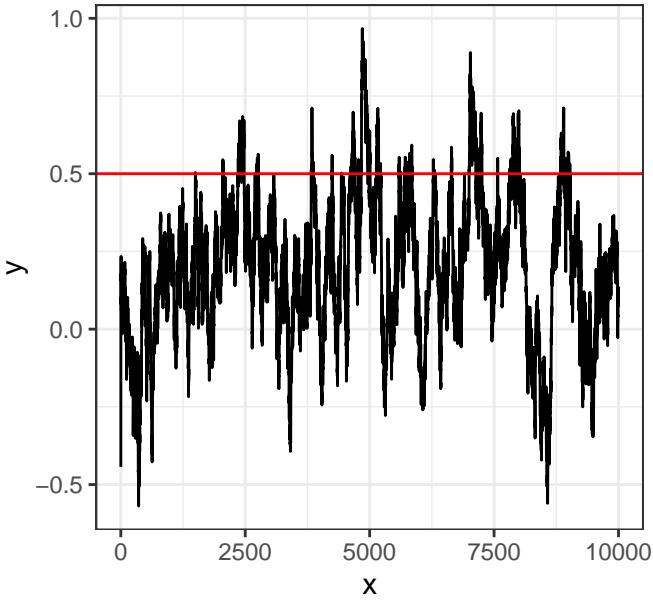
b0



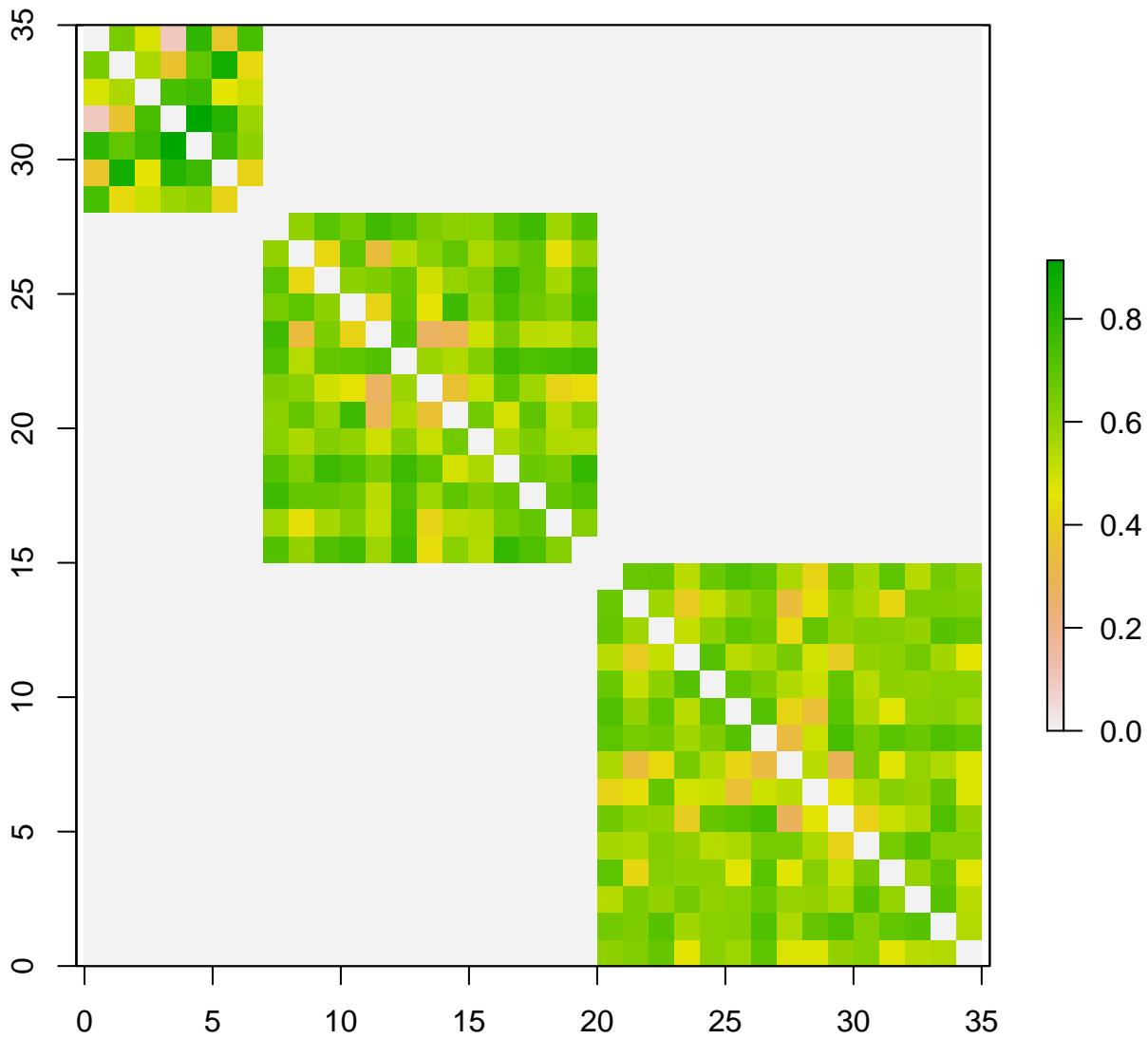
s2



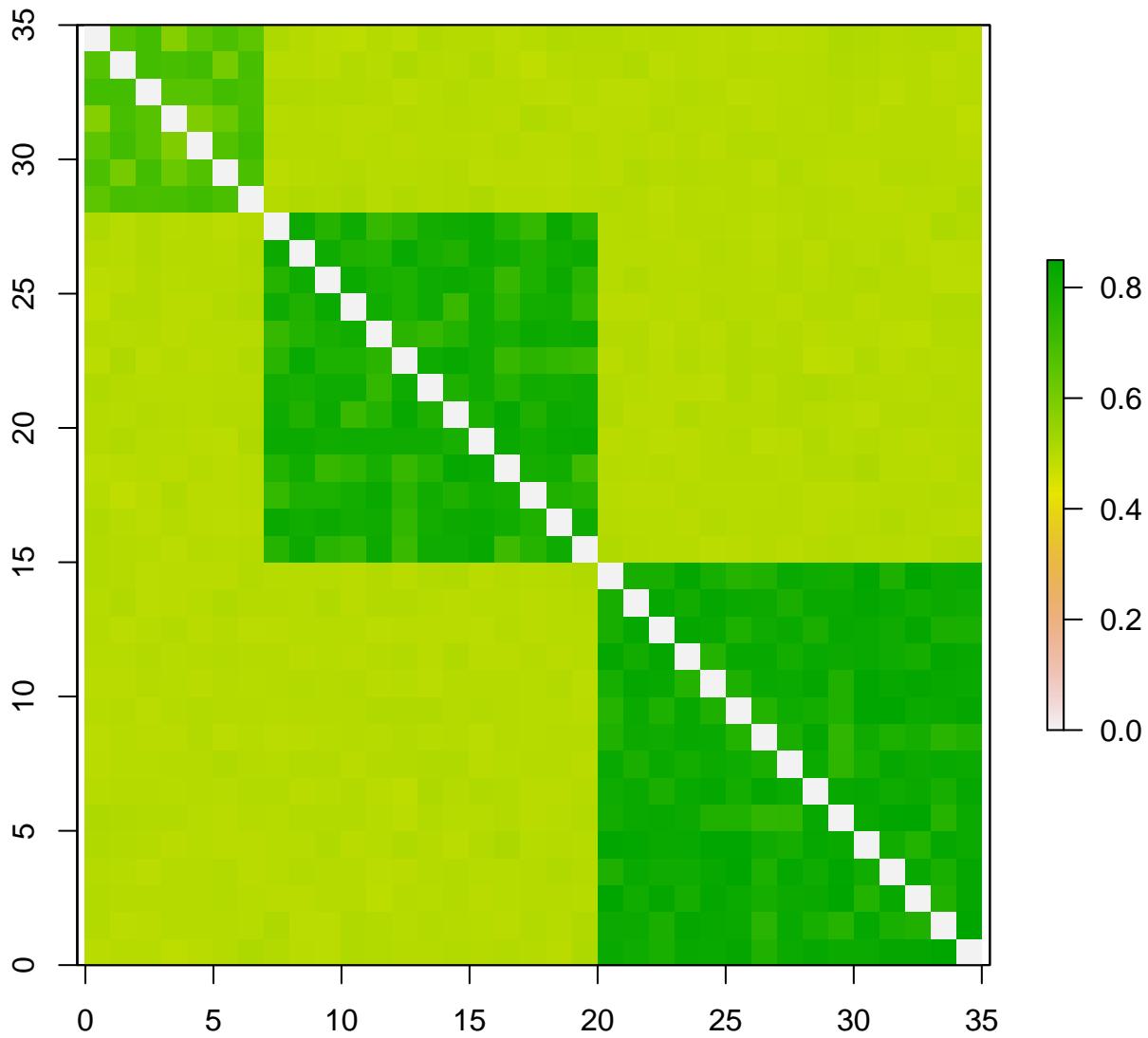
b1



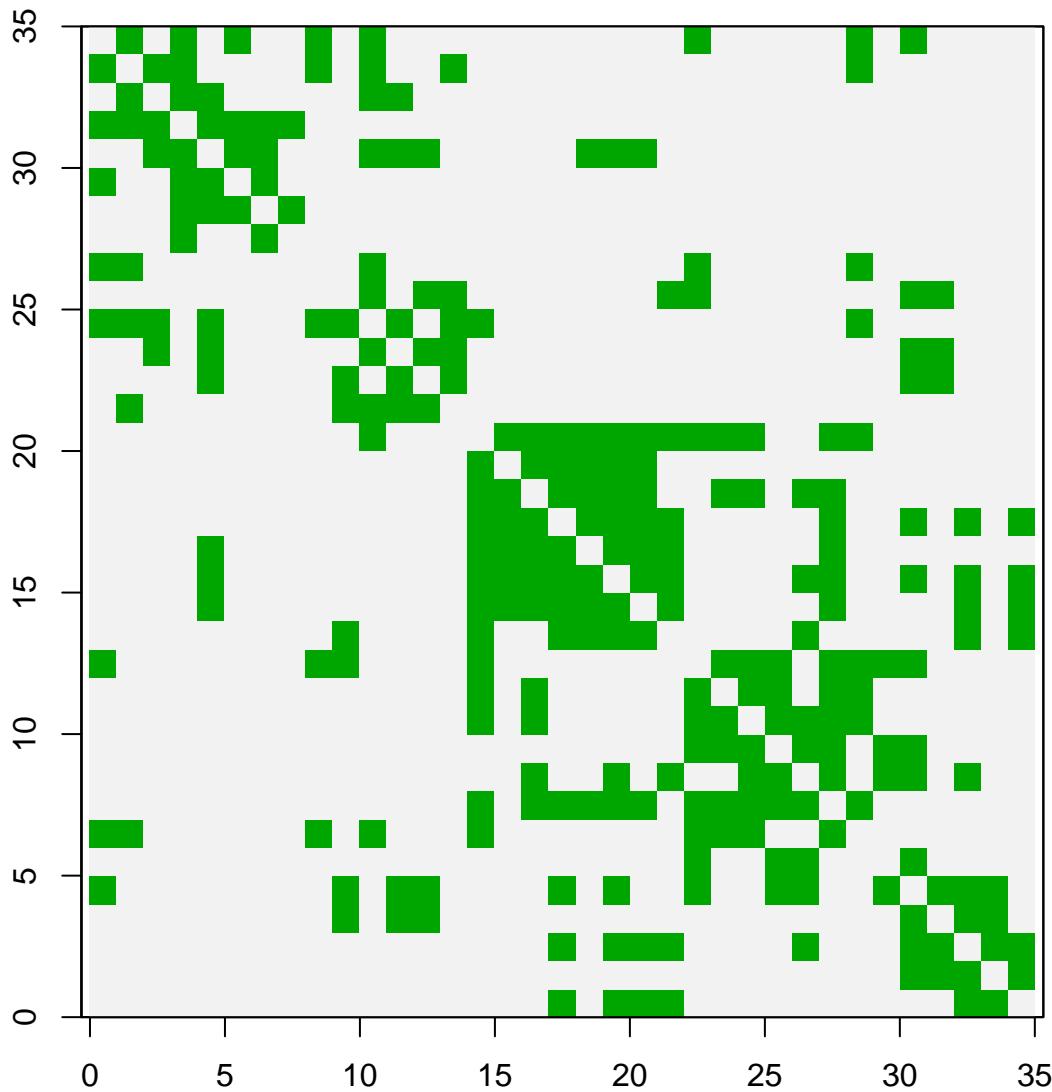
**W posterior mean**



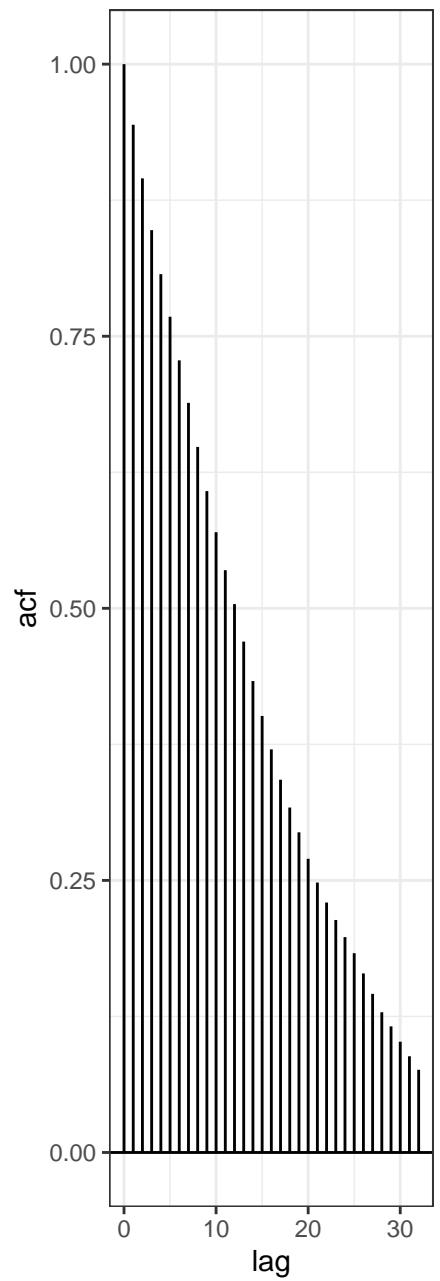
### Acceptance rate for W



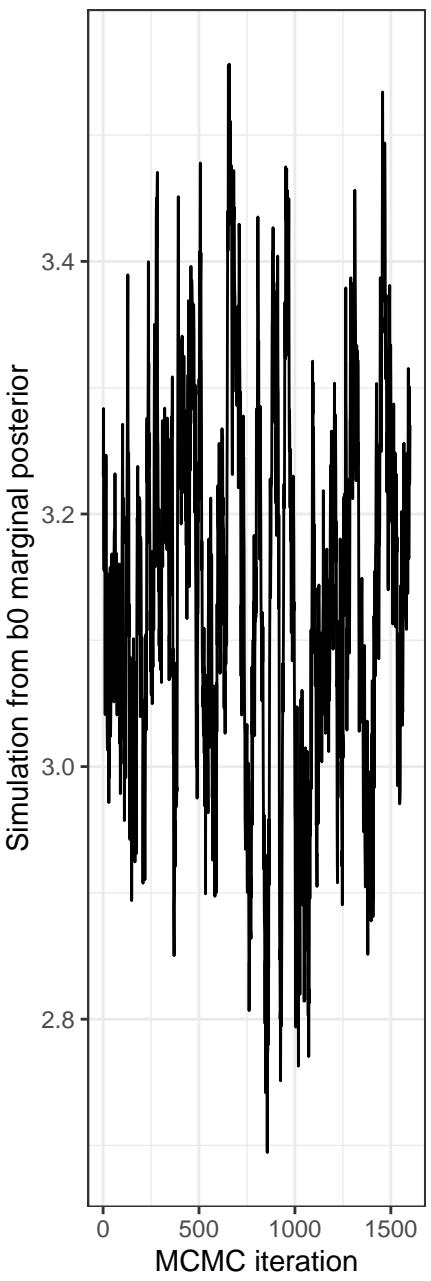
Starting W



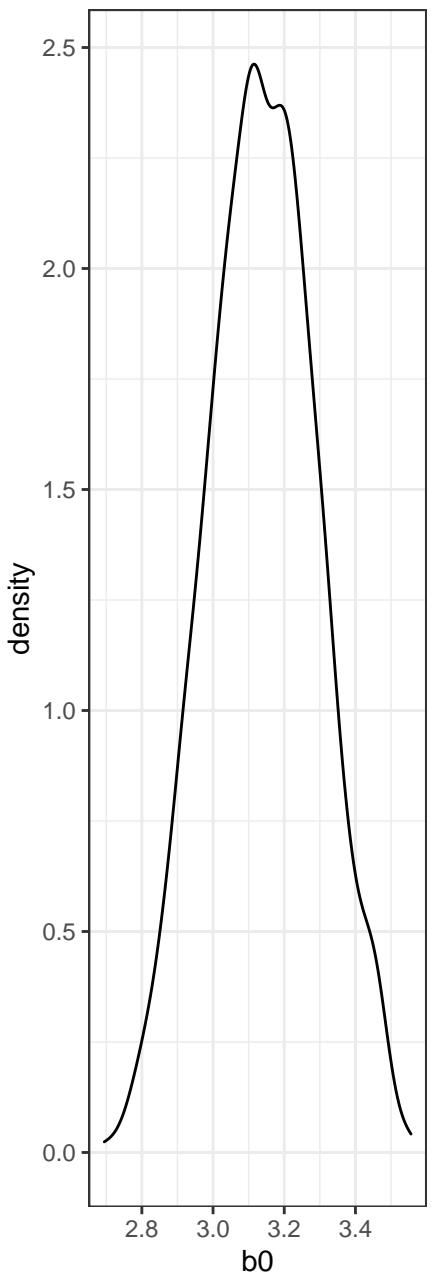
Autocorr for b0



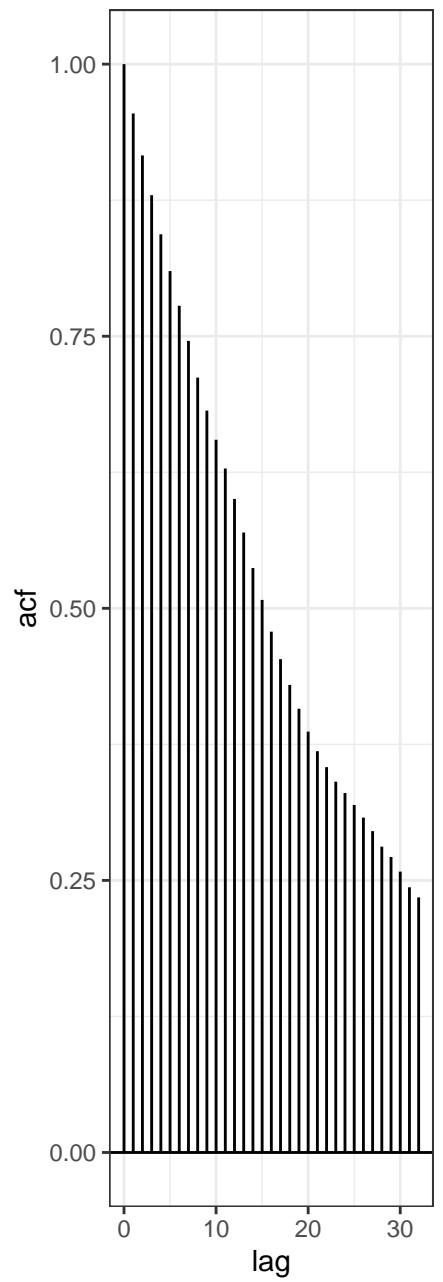
Trace plot for b0



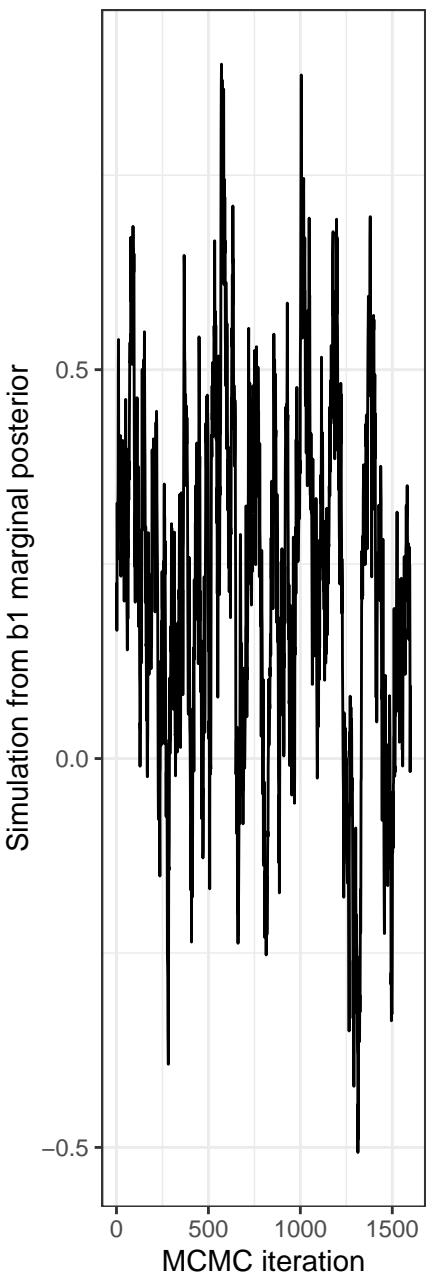
Density for b0 marginal



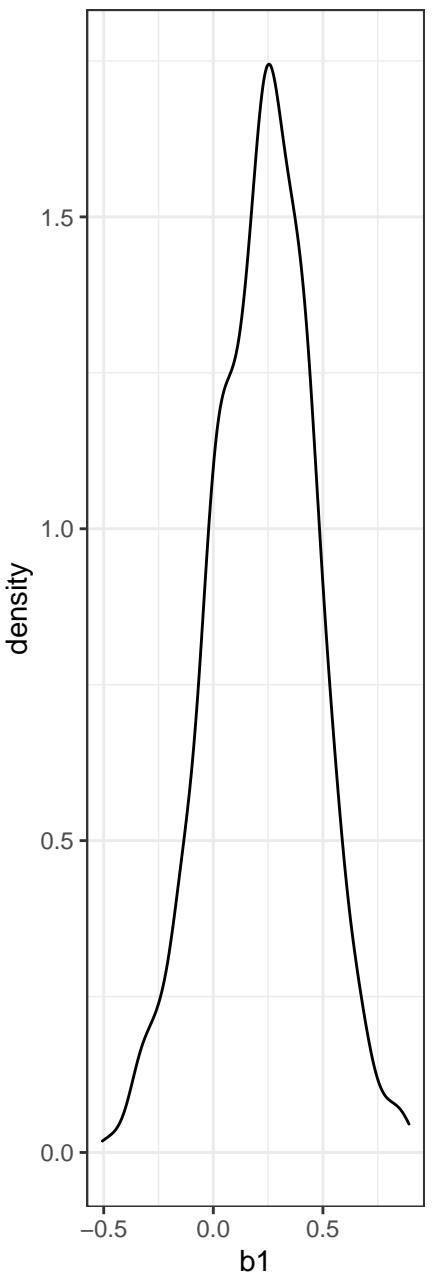
Autocorr for b1



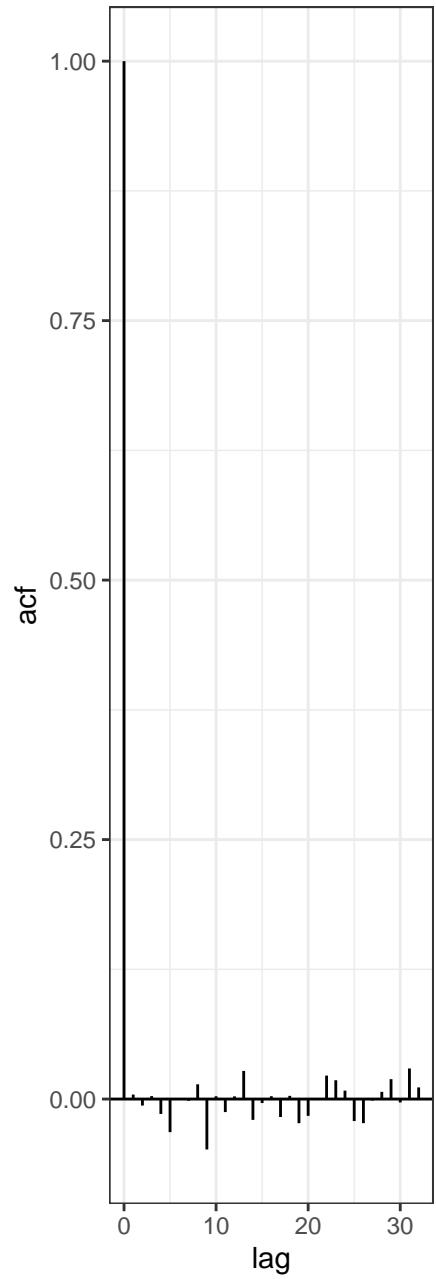
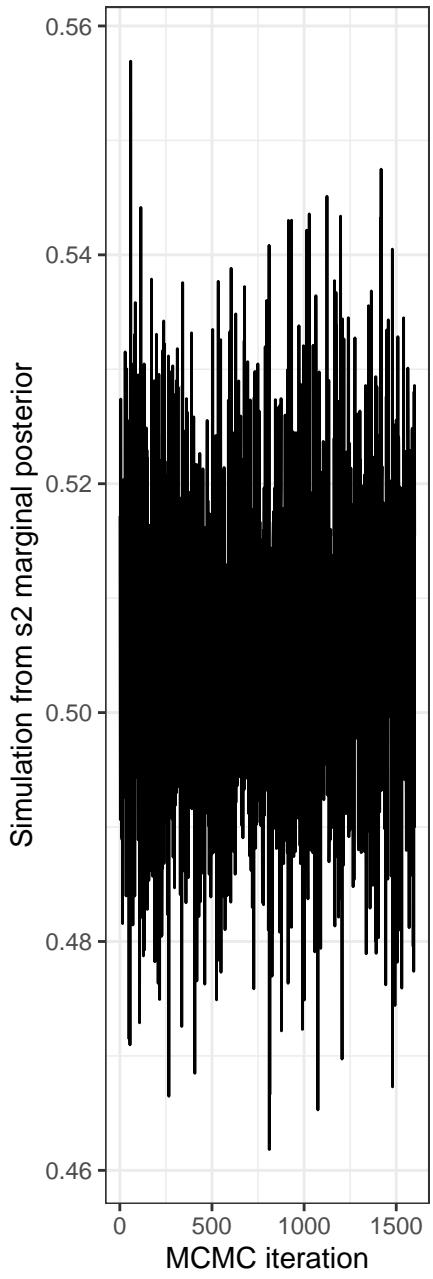
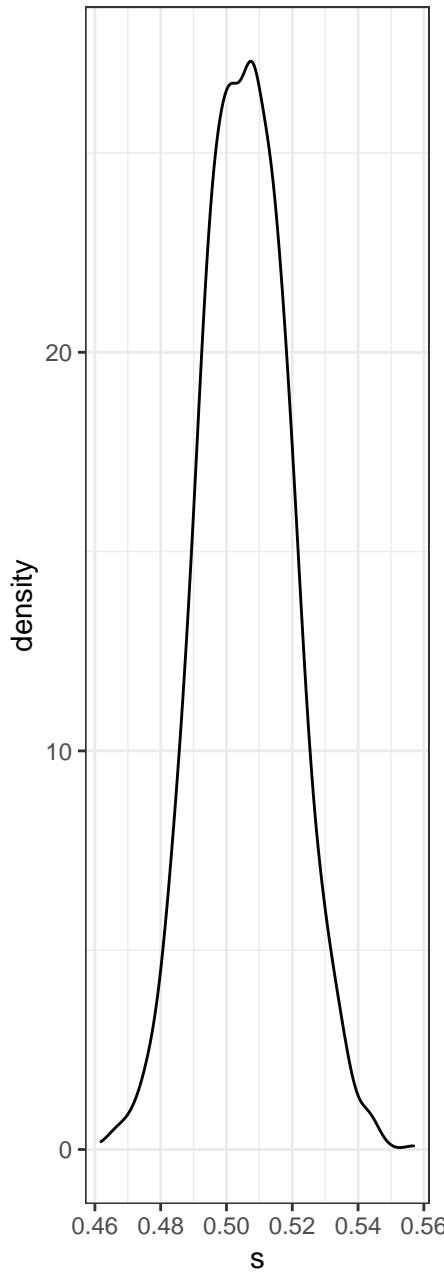
Trace plot for b1



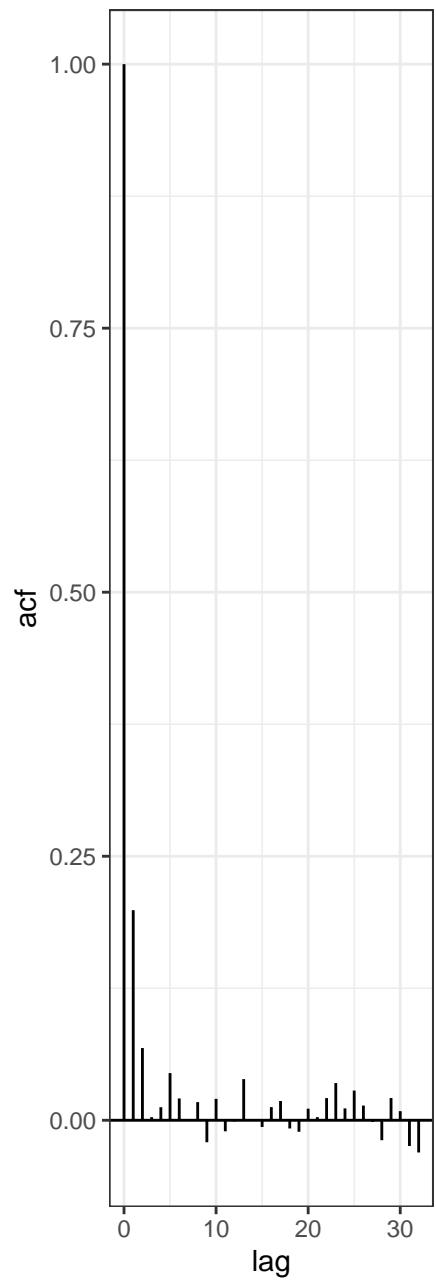
Density for b1 marginal



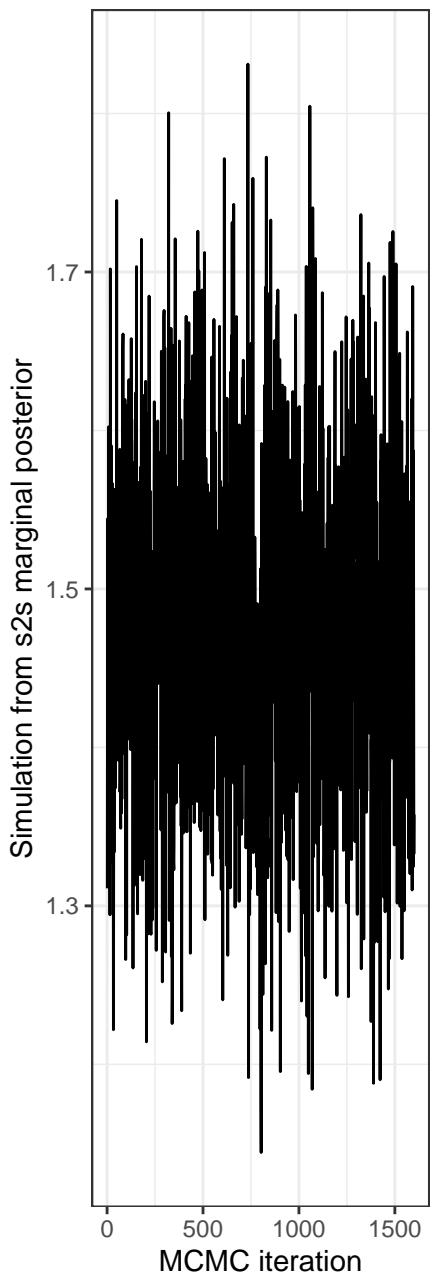
Autocorr for s

Trace plot for  $s_2$ Density for  $s_2$  marginal

Autocorr for s2s



Trace plot for s2s



Density for ss marginal

