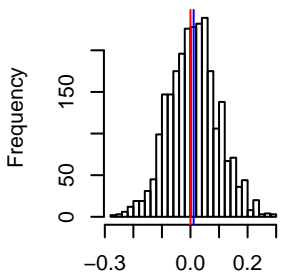
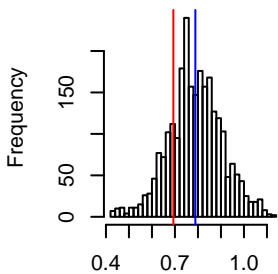


### Posterior of alpha



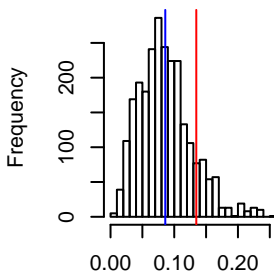
True value = red line

### Posterior of beta



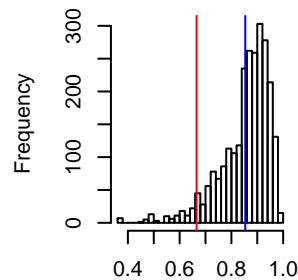
True value = red line

### Posterior of gamma



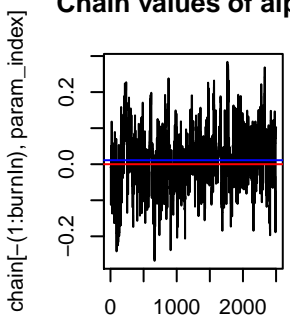
True value = red line

### Posterior of Delta



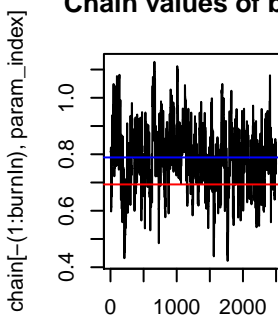
True value = red line

### Chain values of alpha



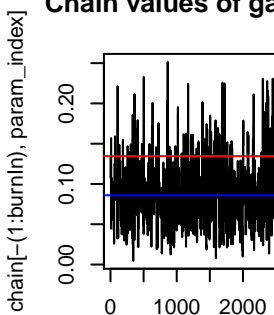
True value = red line

### Chain values of beta



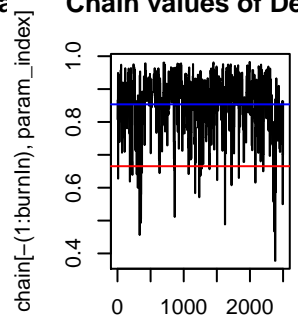
True value = red line

### Chain values of gamma



True value = red line

### Chain values of Delta



True value = red line

### Probability of having an outbreak

