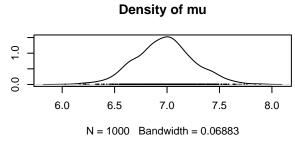
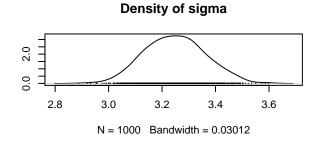
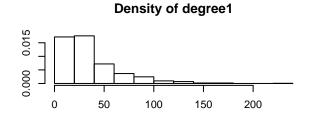


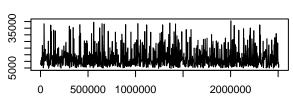
Density of N





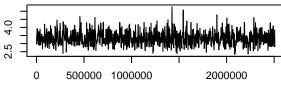


#### Trace of totalsize



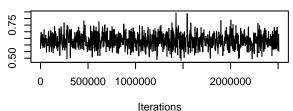
Iterations

### Trace of lambda



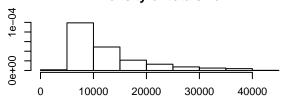
Iterations

#### Trace of nu

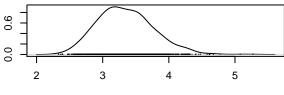


iterations

#### **Density of totalsize**

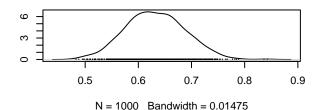


#### **Density of lambda**

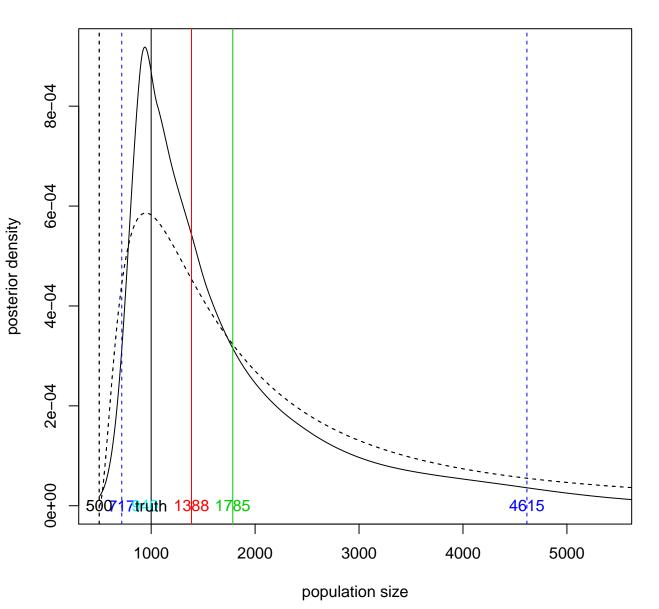


N = 1000 Bandwidth = 0.1105

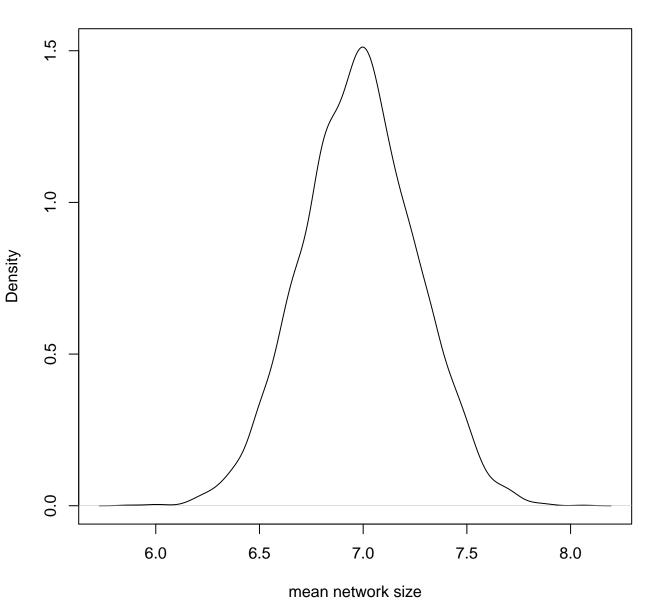
#### Density of nu



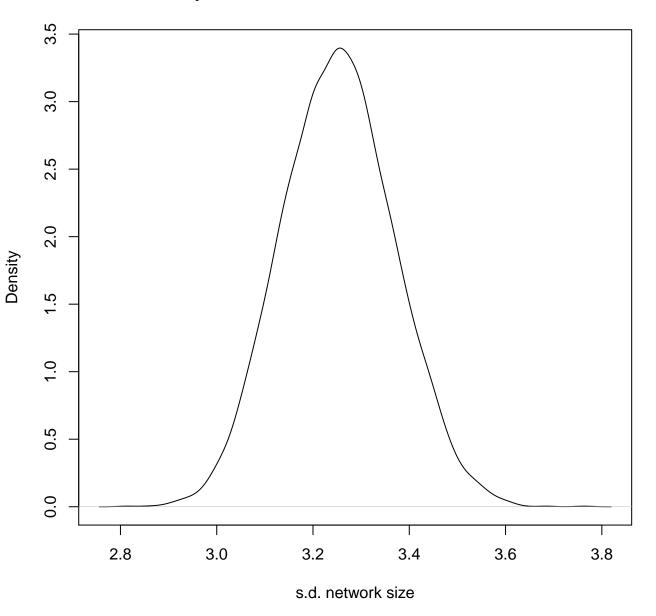
# posterior for population size



### posterior for mean network size in the population



# posterior for s.d. of the network size



# mean posterior network size distribution

