Histogram of sample
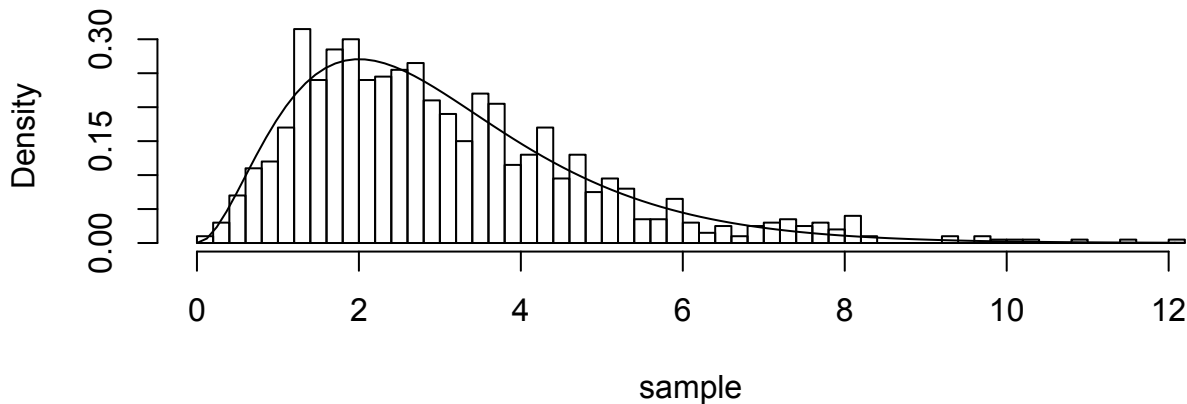
Density

Histogram of medians from a bootstrap sample with overlay of density from 1000 draws from a Gamma(3,1)