density.default(x = rgamma(1000, shape = 3, rate = 5))
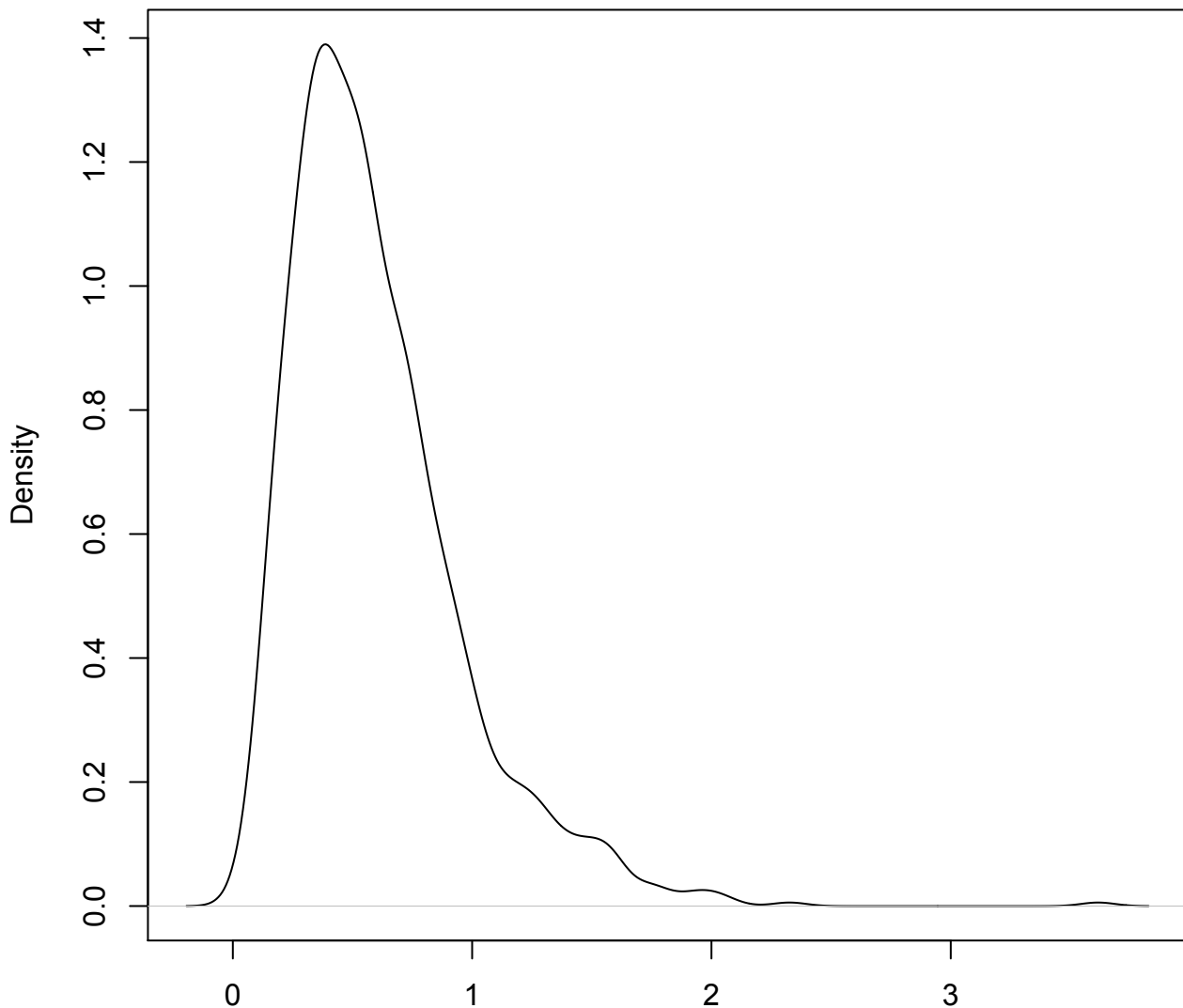
Density

N = 1000   Bandwidth = 0.07038