density.default(x = Y)

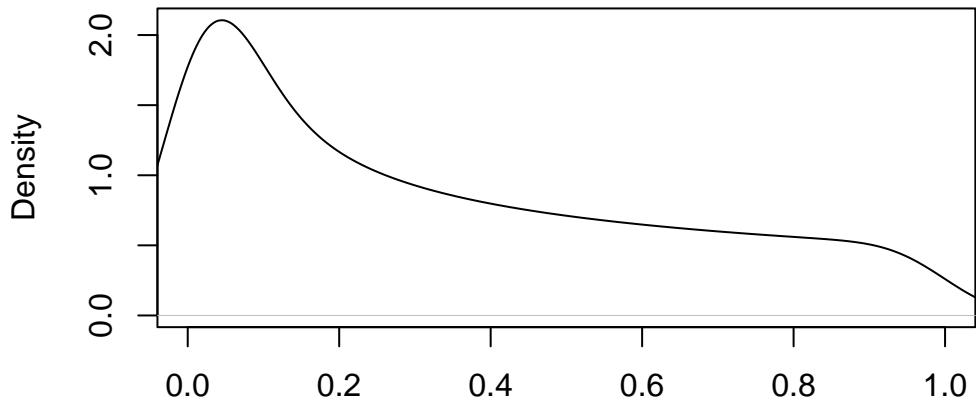Density

N = 2001   Bandwidth = 0.05874