density(x = replicate(tirages_n, mean(runif(n))))
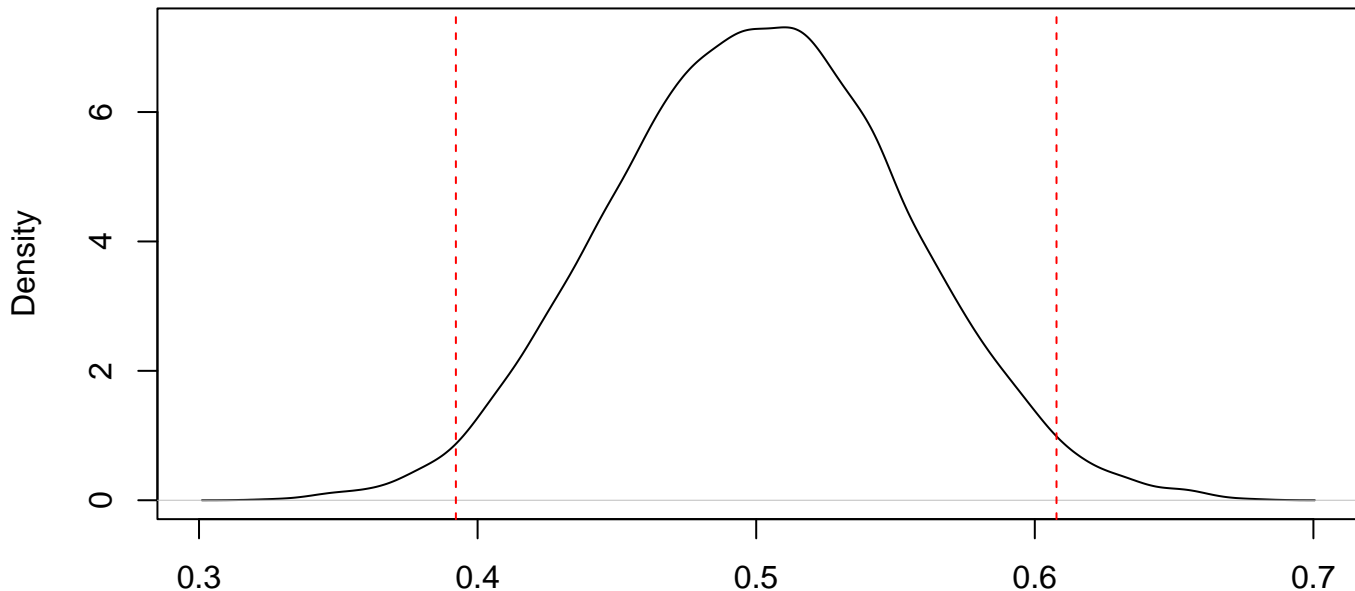
N = 10000   Bandwidth = 0.007496