density.default(x = output)
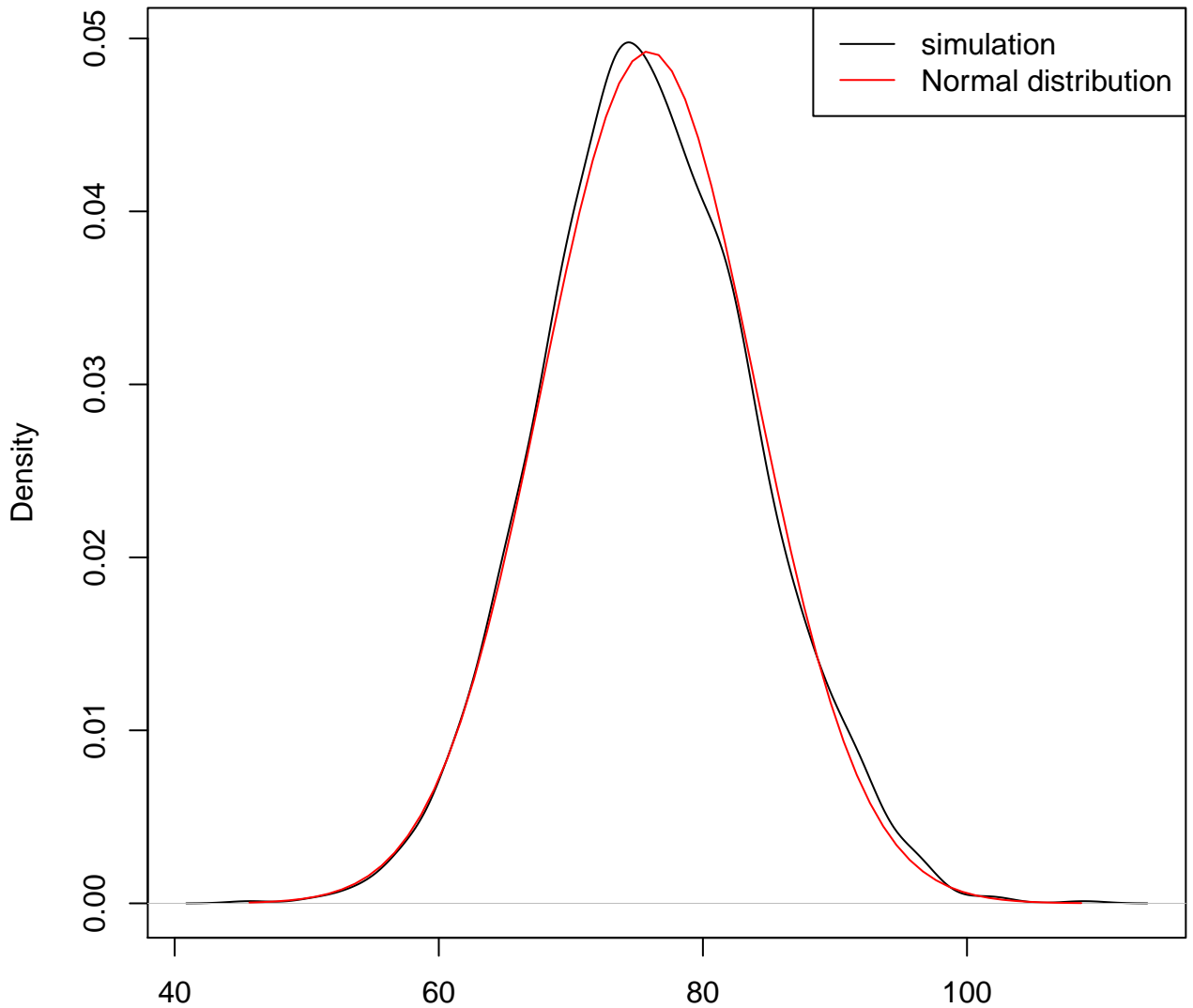
N = 2000   Bandwidth = 1.594