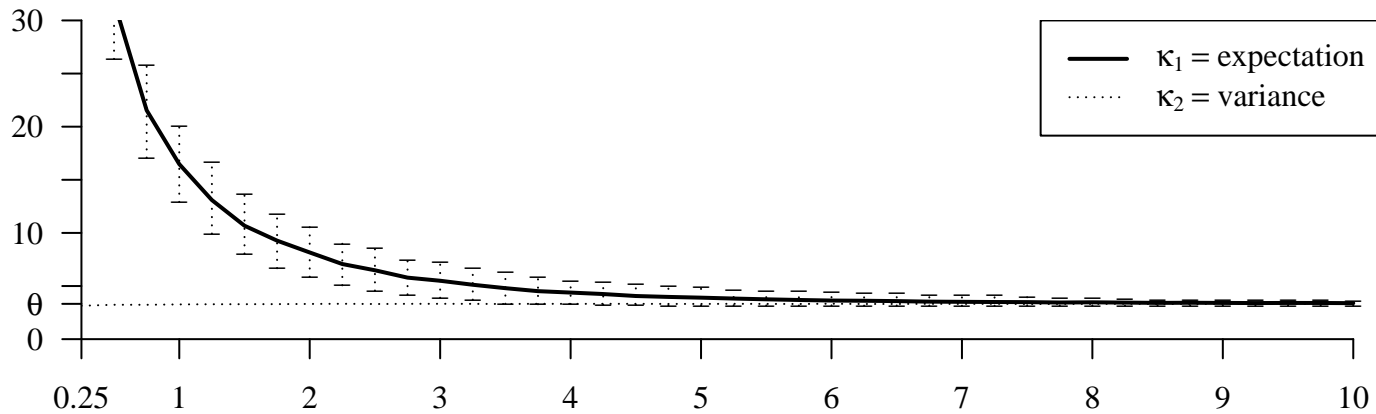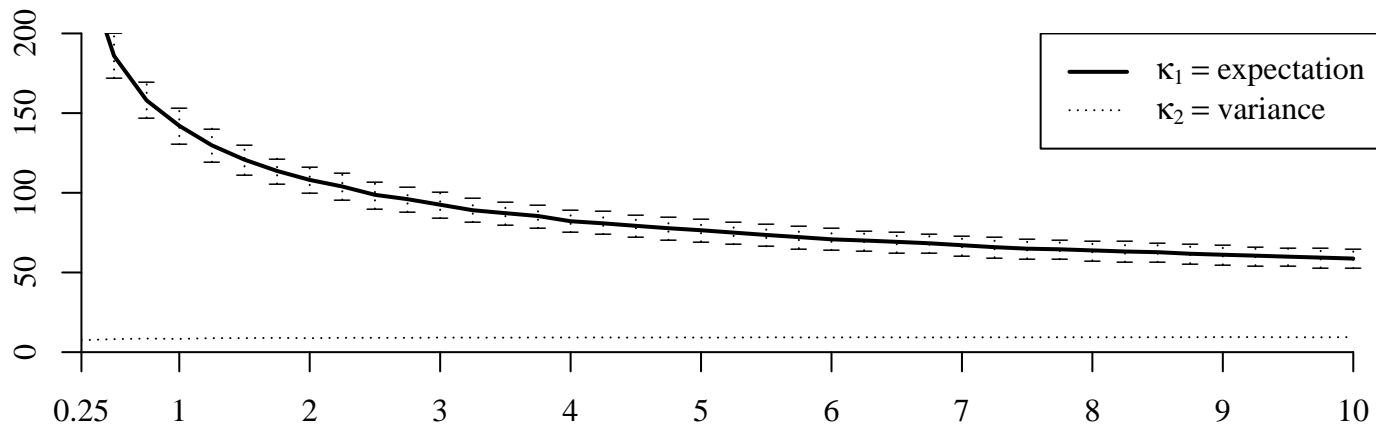**(A)**

population size N (in 1000)

$\lambda = 0.1$, $\alpha = 0.03$, $\gamma = 10^{-4}$

(B)

population size N (in 1000)

$\lambda = 0.1$, $\alpha = 0.01$, $\gamma = 10^{-4}$

Legend (both panels):
κ_1 = expectation
κ_2 = variance