

Resample Z_1, \dots, Z_r when Increasing the Sample Size



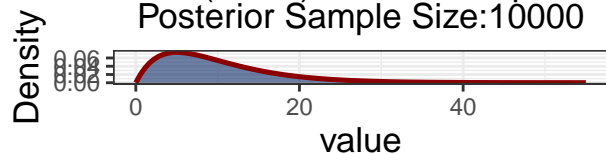
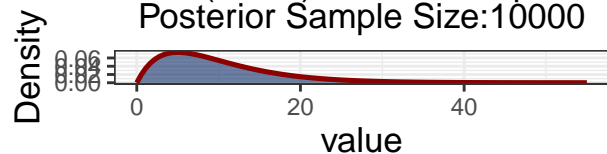
After Sampling



PDF of Gamma(2, 0.2)

Sampling from $X \sim \text{Exp}(\lambda = 0.2)$ with $N=10000$ and Weights $w_i = 1/N$ Sampling from $X \sim \text{Exp}(\lambda = 0.2)$ with Weights $w_i = 1/N$

PDF of Gamma(2, 0.2) in Red, Sample Size $N=10000$ PDF of Gamma(2, 0.2) in Red, Sample Size $N=10000$



Sampling from $X \sim \text{Exp}(\lambda = 0.2)$ with $N=10000$ and Weights $w_i = 1/N$ Sampling from $X \sim \text{Exp}(\lambda = 0.2)$ with Weights $w_i = 1/N$

PDF of Gamma(2, 0.2) in Red, Sample Size $N=10000$ PDF of Gamma(2, 0.2) in Red, Sample Size $N=10000$

