$\beta = 3$, $\alpha_1 = 0.1$, $\delta = 0.15$, $n = 1000$
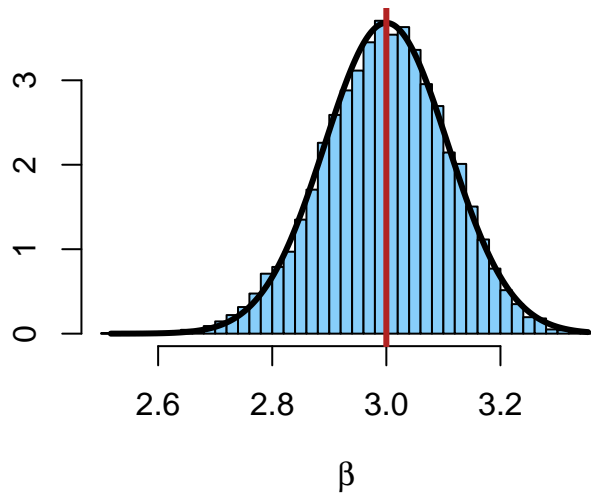
Bias = −0.002 , SD = 0.11

Bias = 0 , SD = 0.028