$\beta = 0.3,\ \alpha_1 = 0.1,\ \delta = 0.15,\ n = 1000$
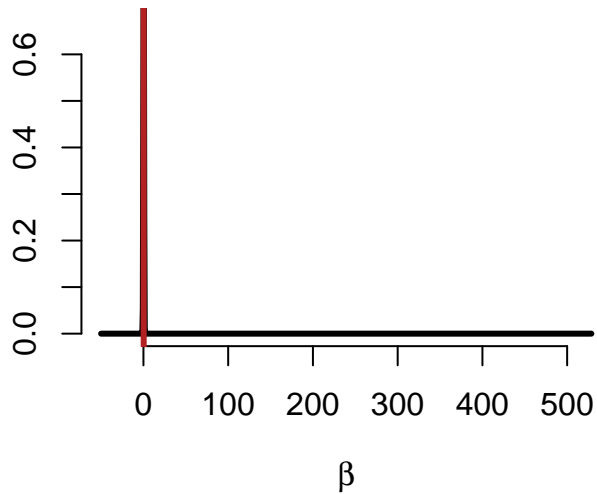
Bias = 0.037 , SD = 5.375

Bias = 135.031 , SD = 13347.882