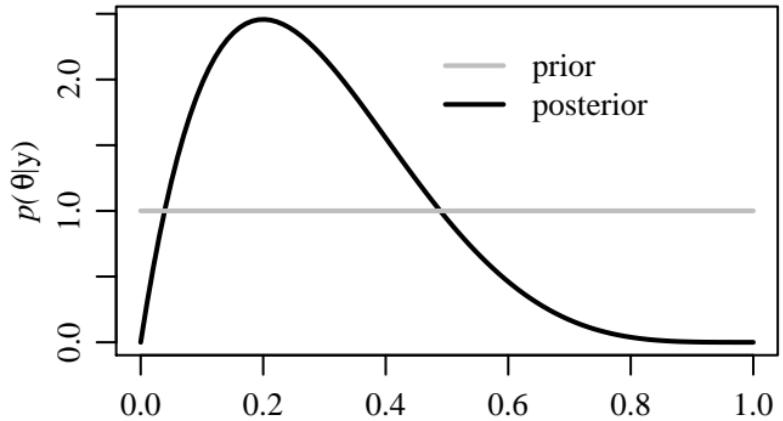
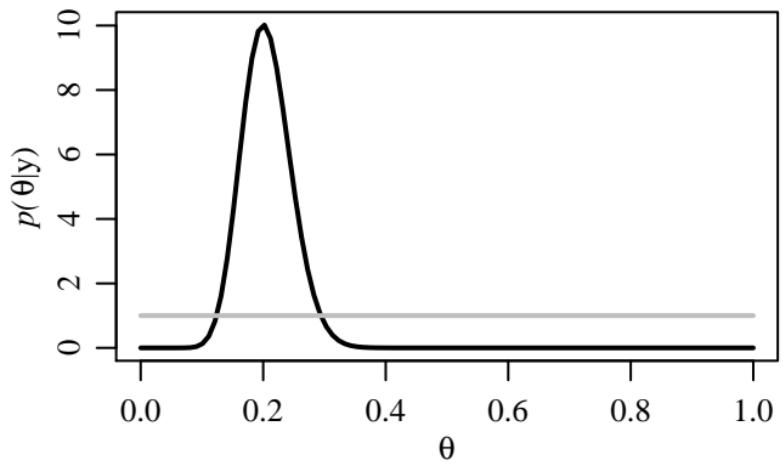


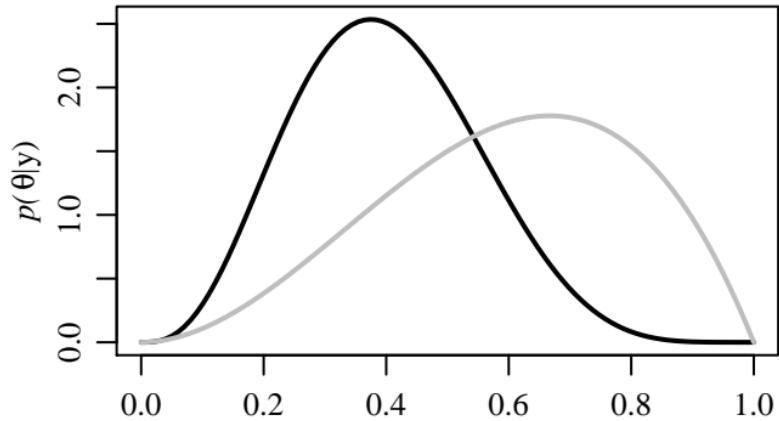
beta(1,1) prior, $n=5$ $\sum y_i=1$



beta(1,1) prior, $n=100$ $\sum y_i=20$



beta(3,2) prior, $n=5$ $\sum y_i=1$



beta(3,2) prior, $n=100$ $\sum y_i=20$

