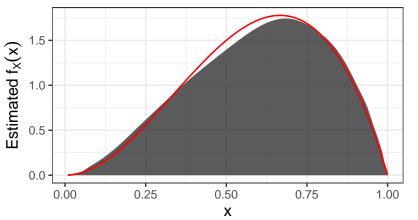Estimating $f_X(x)$ from $f_Y(y)$

$X \sim$ Beta(2,3)

Estimated $f_X(x)$ vs x

— Theoretical Density