
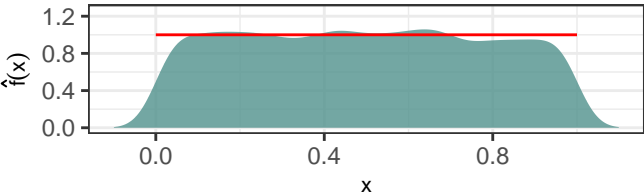


# Density Estimation Using Gaussian Kernel Estimator

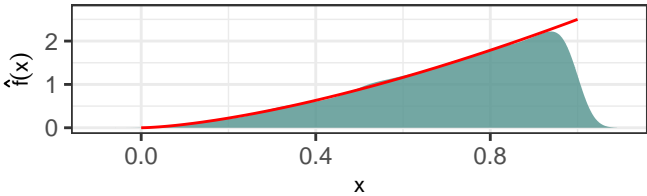
 Theoretical

$X \sim \text{Beta}(1, 1)$



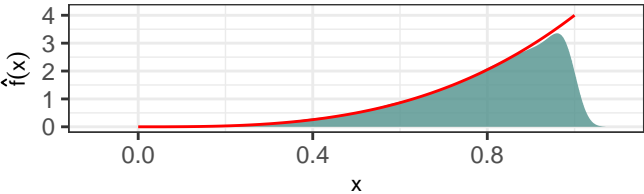
**A**

$X \sim \text{Beta}(2.5, 1)$



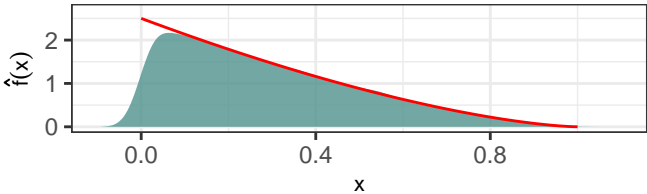
**B**

$X \sim \text{Beta}(4, 1)$



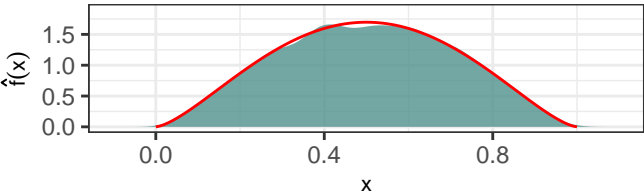
**C**

$X \sim \text{Beta}(1, 2.5)$



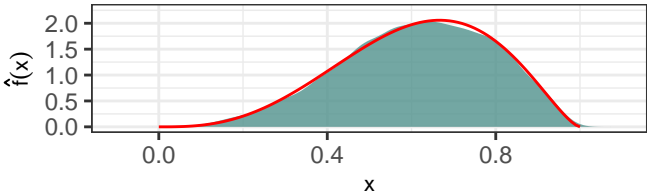
**D**

$X \sim \text{Beta}(2.5, 2.5)$



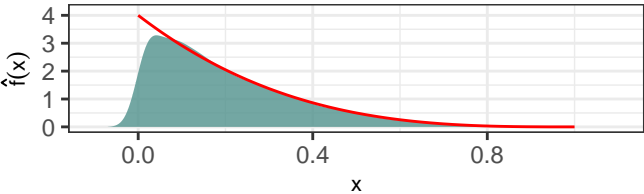
**E**

$X \sim \text{Beta}(4, 2.5)$



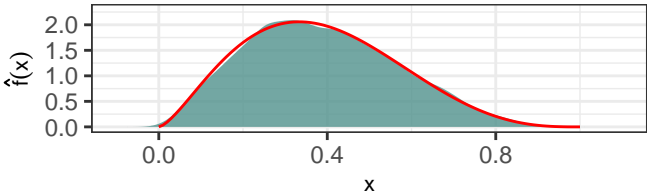
**F**

$X \sim \text{Beta}(1, 4)$



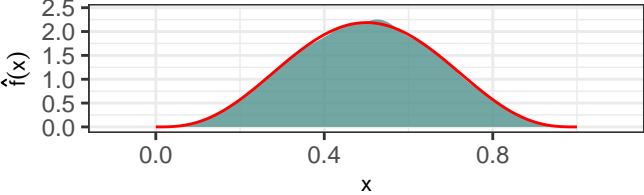
**G**

$X \sim \text{Beta}(2.5, 4)$



**H**

$X \sim \text{Beta}(4, 4)$



**I**