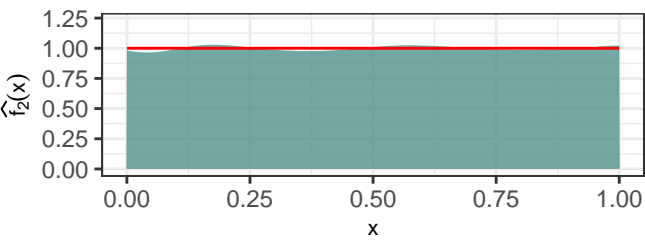


Density Estimation Using Beta Kernel Estimator $\hat{f}_2(x)$

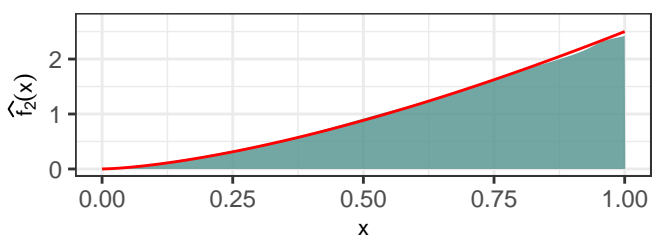
■ Theoretical

$X \sim \text{Beta}(1, 1), b = 0.025$



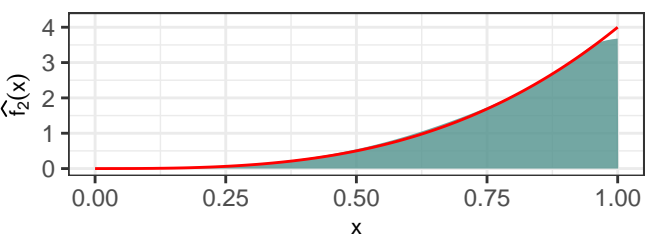
A

$X \sim \text{Beta}(2.5, 1), b = 0.025$



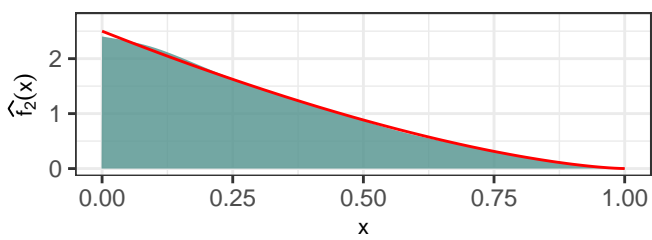
B

$X \sim \text{Beta}(4, 1), b = 0.025$



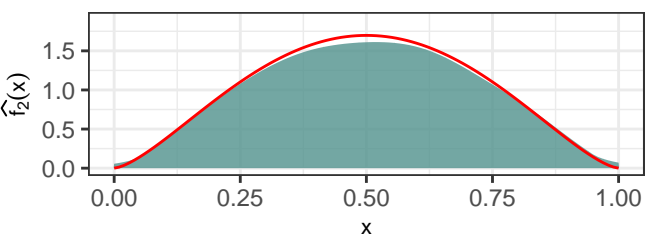
C

$X \sim \text{Beta}(1, 2.5), b = 0.025$



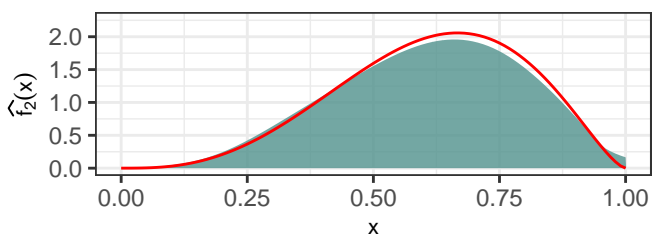
D

$X \sim \text{Beta}(2.5, 2.5), b = 0.025$



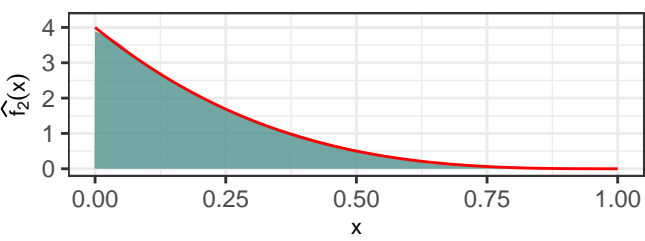
E

$X \sim \text{Beta}(4, 2.5), b = 0.025$



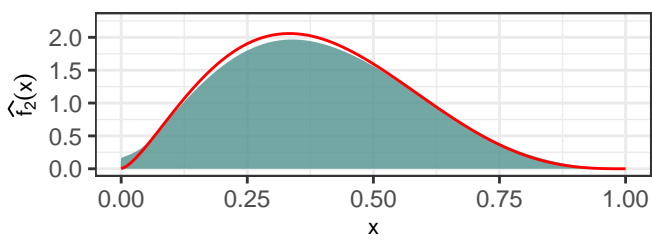
F

$X \sim \text{Beta}(1, 4), b = 0.025$



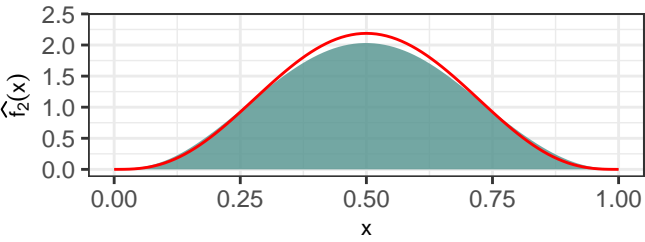
G

$X \sim \text{Beta}(2.5, 4), b = 0.025$



H

$X \sim \text{Beta}(4, 4), b = 0.025$



I