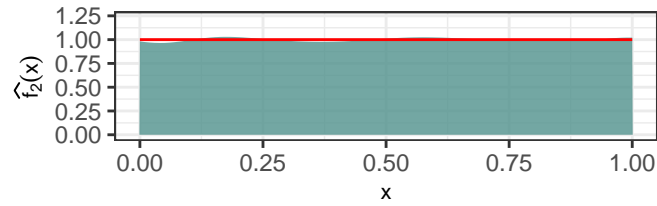


Density Estimation Using Beta Kernel Estimator $\hat{f}_2(x)$

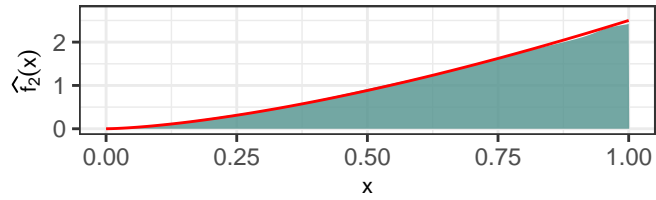
 Theoretical

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



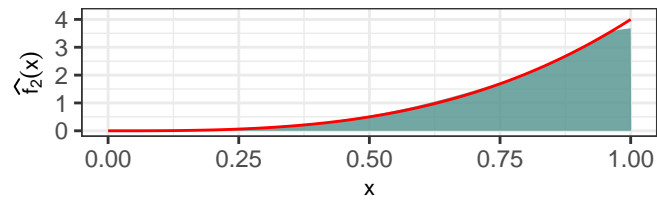
A

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



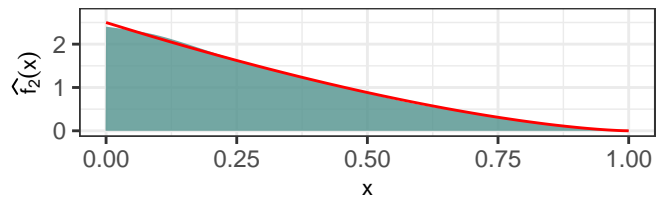
B

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



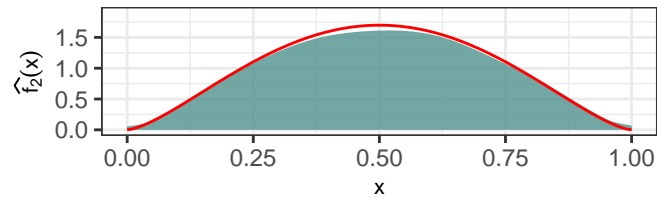
C

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



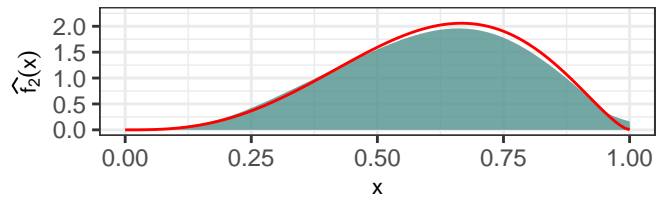
D

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



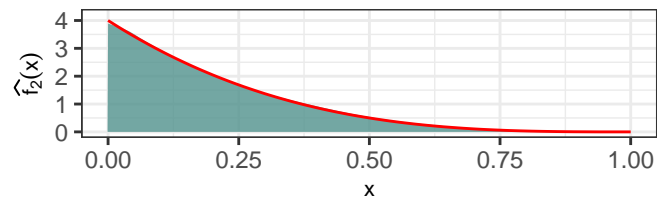
E

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



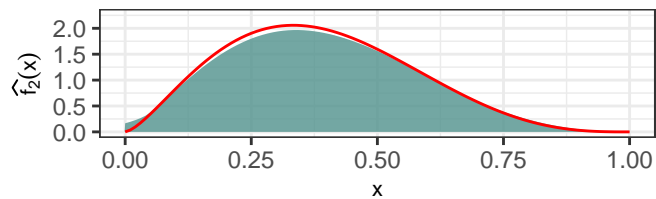
F

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



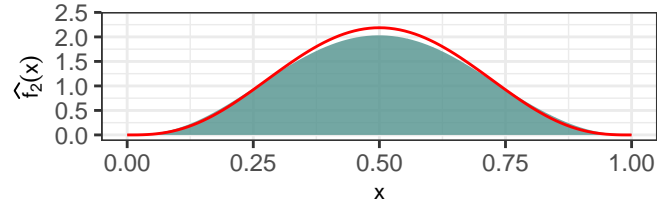
G

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



H

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



I