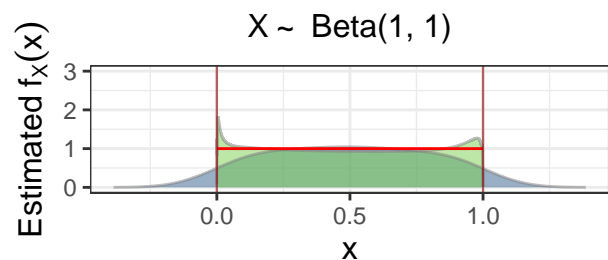


# Comparing Approaches for Estimating $f_X(x)$ for Different Beta Distributions

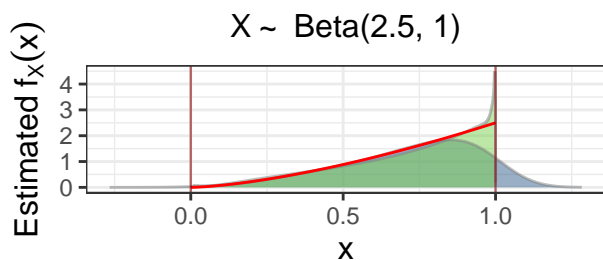
■ Theoretical Density

■ Direct Estimation

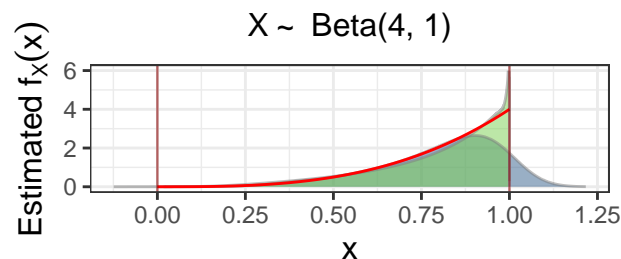
■ Transformation Approach



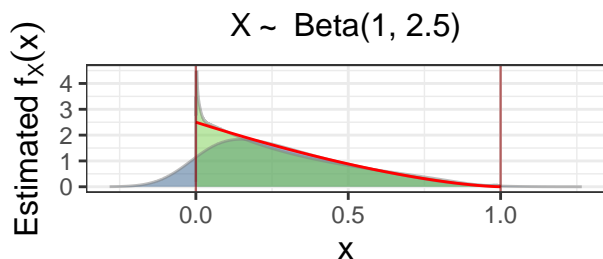
**A**



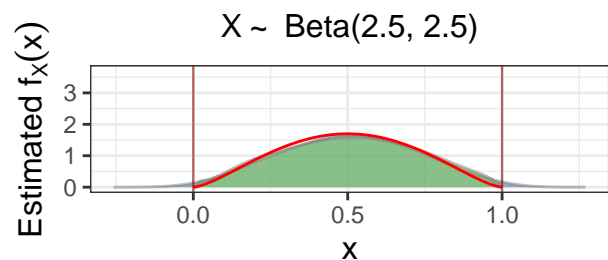
**B**



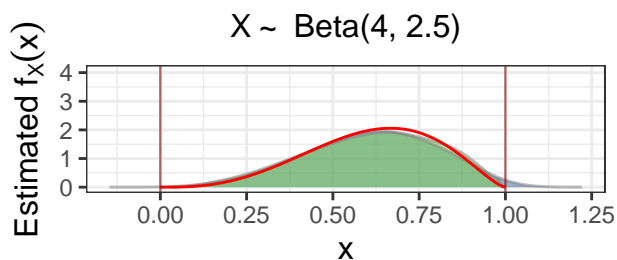
**C**



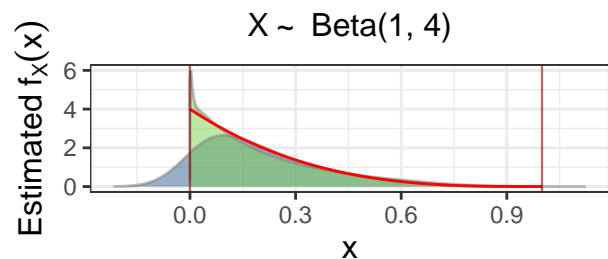
**D**



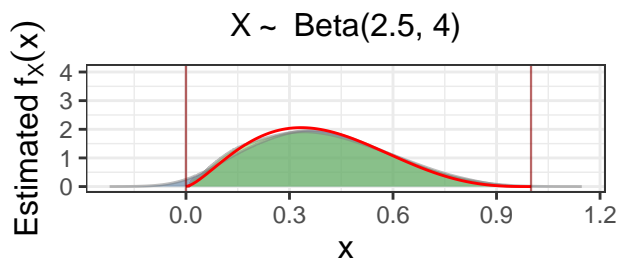
**E**



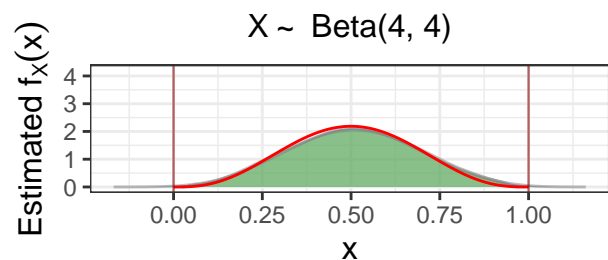
**F**



**G**



**H**



**I**