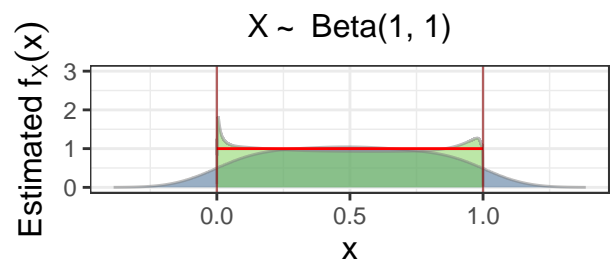


# Comparing Approaches for Estimating $f_X(x)$ , bold=TRUE for Different Beta Distributions

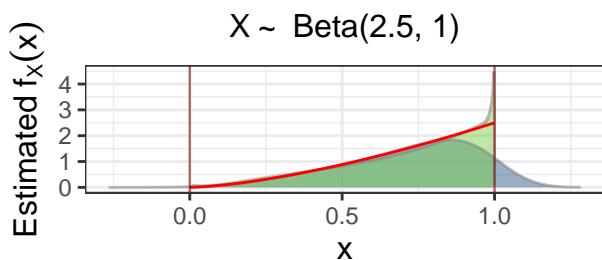
**Theoretical Density**

**Direct Estimation**

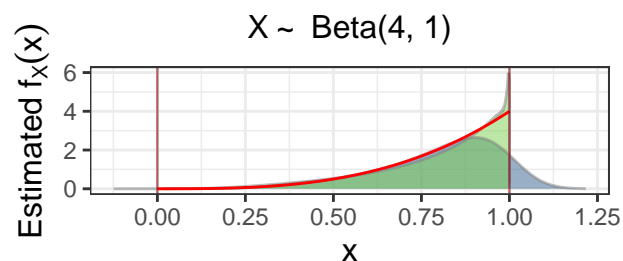
**Transformation Approach**



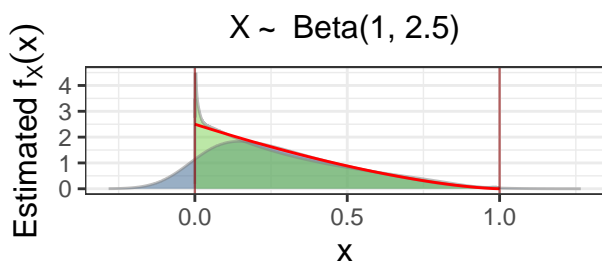
**A**



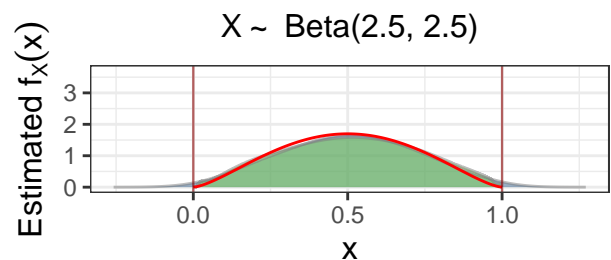
**B**



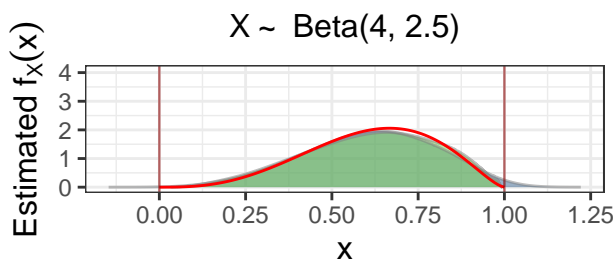
**C**



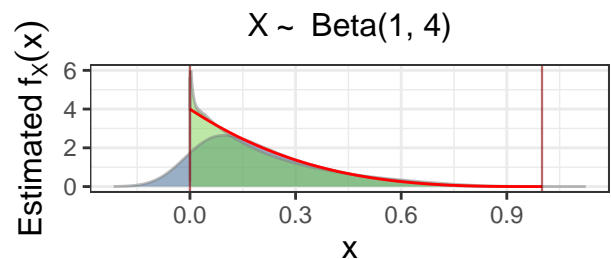
**D**



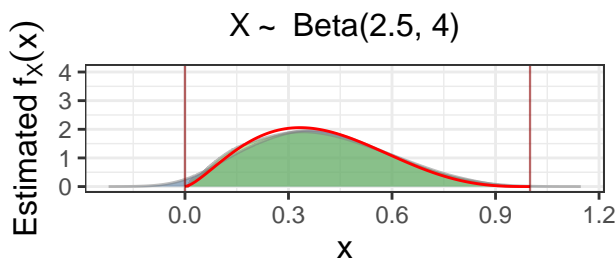
**E**



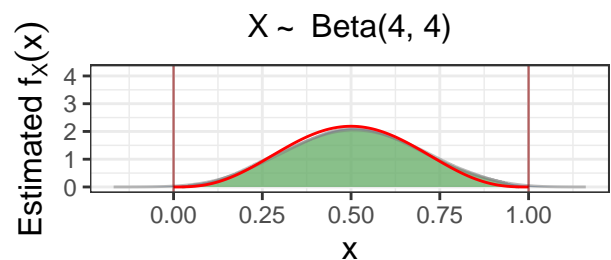
**F**



**G**



**H**



**I**