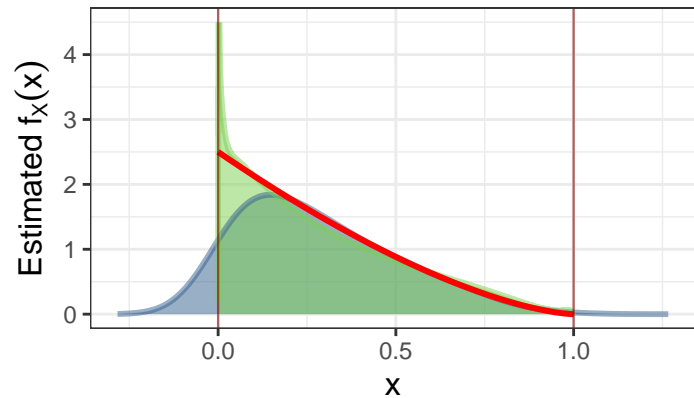


# Comparing Approaches for Estimating $f_X(x)$

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



Direct Estimation  
Transformation Approach

**D**