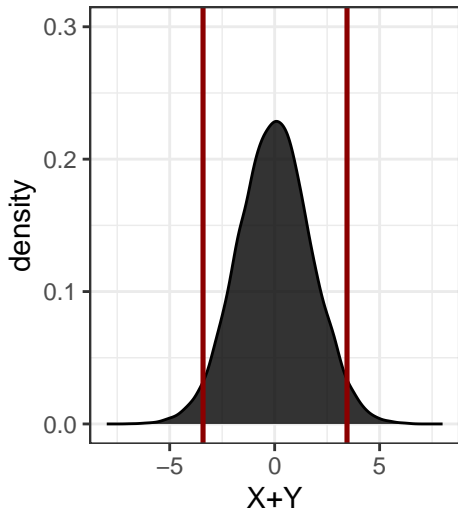


$$\left((X+Y)_{\alpha}, (X+Y)_{1-\alpha}\right) = (-3.412, 3.412)$$



Correlation: 0.5  
 $X: (-1.982, 1.975)$   
 $Y: (-1.928, 1.943)$

$$(X_{\alpha} + Y_{\alpha}, X_{1-\alpha} + Y_{1-\alpha}) = (-3.91, 3.91)$$

