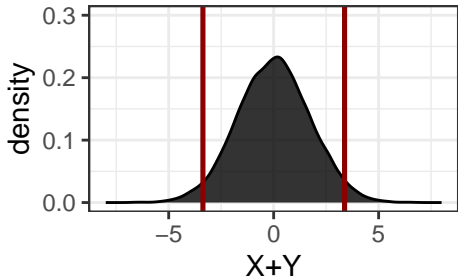


$$\left((X+Y)_{\alpha}, (X+Y)_{1-\alpha}\right) = (-3.371, 3.371)$$



Correlation: 0.5  
 $X$ :  $(-1.914, 1.949)$   
 $Y$ :  $(-1.92, 1.969)$

$$(X_{\alpha} + Y_{\alpha}, X_{1-\alpha} + Y_{1-\alpha}) = (-3.833, 3.833)$$

