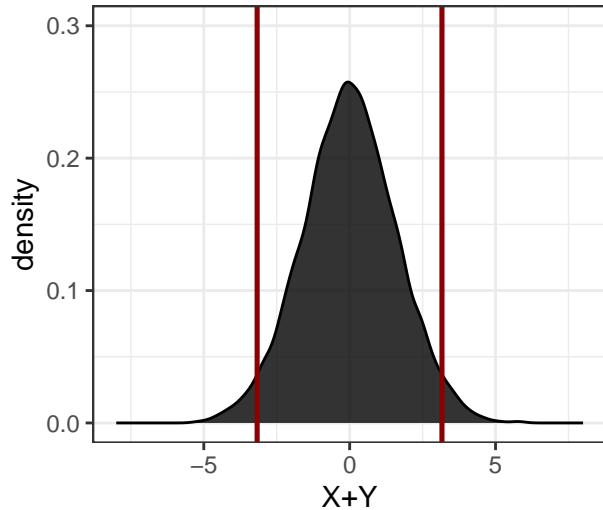


$$\left((X+Y)_\alpha, (X+Y)_{1-\alpha}\right) = (-3.171, 3.164)$$



$$\begin{aligned} \text{Correlation: } 0.25 \\ X: (-1.975, 1.965) \\ Y: (-1.988, 1.965) \end{aligned}$$

$$(X_\alpha + Y_\alpha, X_{1-\alpha} + Y_{1-\alpha}) = (-3.963, 3.93)$$

