

$$\begin{cases} P(24x) = \alpha/2 \\ P(24x) = 1-\alpha/2 \end{cases}$$

$$\begin{cases} F_{\times}(x_{\perp}) = \alpha/2 & \rightarrow x_{\perp} = F_{\times}(\alpha/2) \\ F_{\times}(x_{\perp}) = 1 - \alpha/2 \rightarrow x_{\perp} = F_{\times}(1 - \alpha/2) \end{cases}$$

CDF gon stondord monmal distribution is given

$$F_{x}^{(0.026)} = x_{L} \longrightarrow x_{H} = 1.96$$
 $F_{x}^{(0.945)} = x_{H} \longrightarrow x_{H} = 1.96$