$x = 1 \text{ inv_cdf} = qt(u)$

 $x = 1 \text{ inv_cdf} = qt(u)$ $inv_cdf = qnorm(u, mean = fit$par, sd = sd, lower.tail = lower.tail)$

 $x = 1 \text{ inv_cdf} = \text{qnorm(u, mean} = 5, s$ $x = 1 \text{ inv_cdf} = \text{qnorm(u, mean} = 2, s$

 $x = 1 inv_cdf = qnorm(u, mean = 2, s)$

 $x = 1 \text{ inv_cdf} = qnorm(u, mean = 0,$

 $x = 1 \text{ inv_cdf} = \text{qnorm}(u, \text{mean} = 0, s)$ $x = 1 \text{ inv_cdf} = \text{qnorm}(u, \text{mean} = 0, s)$

 $x = 1 inv_cdf = qnorm(u, mean = -5, s)$

Samp