Let $F(x) = P(X \leq x)$ $X \sim \mathcal{N}(0,1)$ and $G(x) = P(\sup(KMY, z) \leq x)$ ($\frac{x}{2}$) χ Gaussian manymally wow Then, Claim for x < 12 f(x) > g(x) $f(x) = \lim_{h \to 0} \frac{F(x+h) - F(x)}{h}$ IP(XE(X,X+h)) DEPROPREDERIXAN) = hp(Ye(x,x+h)) [> Exxx+h))

Ph