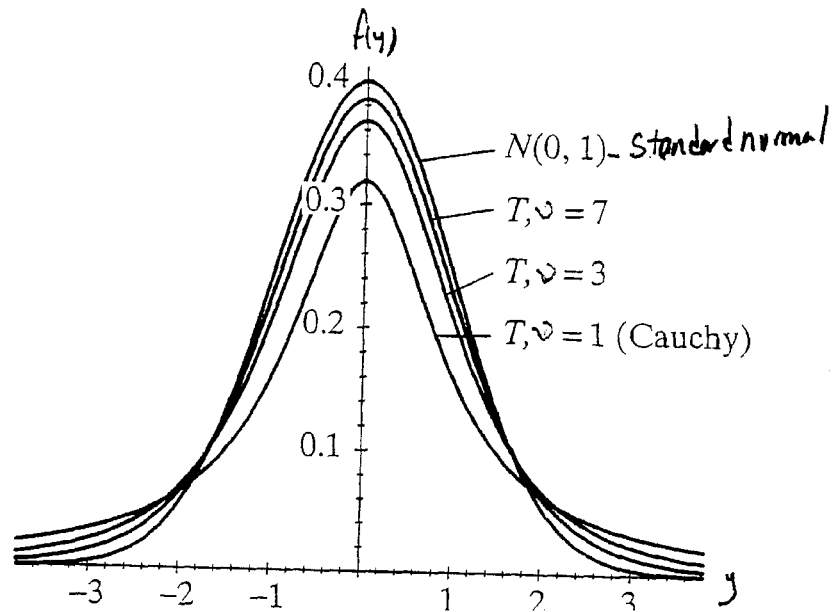


T distribution with  $\nu$  degrees of freedom

$$f(y) = \frac{\Gamma(\frac{\nu+1}{2})}{\sqrt{\pi\nu} \Gamma(\frac{\nu}{2})} \left(1 + \frac{y^2}{\nu}\right)^{-\frac{(\nu+1)}{2}}, \quad -\infty < y < \infty$$



F distribution with  $\nu_1$  num. degrees of freedom  
and  $\nu_2$  den.

$$f(y) = \frac{\left(\frac{\nu_1}{\nu_2}\right)^{\nu_1/2} \Gamma\left(\frac{\nu_1+\nu_2}{2}\right) y^{\nu_1/2-1}}{\Gamma\left(\frac{\nu_1}{2}\right) \Gamma\left(\frac{\nu_2}{2}\right) \left[1 + \frac{\nu_1 y}{\nu_2}\right]^{\frac{\nu_1+\nu_2}{2}}}, \quad y > 0$$

