F-distribution (Fisher-Shedecor dist)
The f-distribution is a forobability distribution that is useful in context of comparing variances of two or more samples.
that is useful in context of comparing variances
of two or more samples.
> It is right skewed and takes only non negative values.
Probability density function
$Probability density function$ $f(x;d_1,d_2) = \frac{\sqrt{\frac{(d_1x)^{d_1}}{(d_2x+d_1)^{d_1d_2}}}}{x_{\rm B}(\frac{d_1}{2},\frac{d_1}{2})}$ $B(m,n) = \frac{(m-1)!(n-1)!}{(m+n-1)!} = \frac{m+n}{mn} / \binom{m+n}{m}.$ Probability density function $\frac{d_1x_1}{d_2x_2}$ $\frac{d_1x_2}{d_2x_3}$ $\frac{d_1x_1}{d_2x_4}$ $\frac{d_1x_2}{d_2x_3}$ $\frac{d_1x_1}{d_2x_4}$ $\frac{d_1x_2}{d_2x_4}$ $\frac{d_1x_2}{d$
Beta for distributions of the state of the s
$B(m,n) = \frac{(m-1)!(n-1)!}{(m+n-1)!} = \frac{m+n}{mn} / \binom{m+n}{m}.$
(m+n-1)! $mn$ / $m$ )
0.6
The F dist with d1 & d2 degree of freemon
1s the distribution of $\chi = S_1   d_1$ where $S_1 \geq S_2$ are
Work 3/232
S2 d2 Independent
S2/d2 judependent random variables
with chi-square dh
and degree of freedon
and degree of freedom  (2)  (2)
t statishus = >1 \
5 - popular Sta
(Vaniance S - Sample std
test)
3)