

See Also

Chapter III-12, **Statistics** for a function and operation overview; the **StatsNCChiCDF**, **StatsNCChiPDF**, **StatsChiCDF**, and **StatsChiPDF** functions.

StatsInvNCFCDF

StatsInvNCFCDF(*cdf*, *n1*, *n2*, *d*)

The StatsInvNCFCDF function returns the numerically evaluated inverse of the cumulative distribution function of the noncentral F distribution. *n1* and *n2* are the shape parameters and *d* is the noncentrality measure. There is no closed form expression for the inverse.

See Also

Chapter III-12, **Statistics** for a function and operation overview; the **StatsNCFCDF** and **StatsNCFPDF** functions.

StatsInvNormalCDF

StatsInvNormalCDF(*cdf*, *m*, *s*)

The StatsInvNormalCDF function returns the numerically computed inverse of the normal cumulative distribution function. There is no closed form expression.

See Also

Chapter III-12, **Statistics** for a function and operation overview; the **StatsNormalCDF** and **StatsNormalPDF** functions.

StatsInvParetoCDF

StatsInvParetoCDF(*cdf*, *a*, *c*)

The StatsInvParetoCDF function returns the inverse of the Pareto cumulative distribution function

$$x = \frac{a}{(1 - cdf)^{(1/c)}}$$

See Also

Chapter III-12, **Statistics** for a function and operation overview; the **StatsParetoCDF** and **StatsParetoPDF** functions.

StatsInvPoissonCDF

StatsInvPoissonCDF(*cdf*, *λ*)

The StatsInvPoissonCDF function returns the numerically evaluated inverse of the Poisson cumulative distribution function. There is no closed form expression for the inverse Poisson distribution.

See Also

Chapter III-12, **Statistics** for a function and operation overview; the **StatsPoissonCDF** and **StatsPoissonPDF** functions.

StatsInvPowerCDF

StatsInvPowerCDF(*cdf*, *b*, *c*)

The StatsInvPowerCDF function returns the inverse of the Power Function cumulative distribution function

$$x = b / cdf^{(1/c)}.$$

where the scale parameter *b* and the shape parameter *c* satisfy *b, c* > 0.

See Also

Chapter III-12, **Statistics** for a function and operation overview; the **StatsPowerCDF**, **StatsPowerPDF** and **StatsPowerNoise** functions.