n	*m*
6	2, 3, 4, 5
7	2, 3, 4
8	2, 3
9	2, 3

References

Iman, R.L., and J.M. Davenport, Approximations of the critical region of the Friedman statistic, *Comm. Statist*., *A9*, 571-595, 1980.

See Also

Chapter III-12, **Statistics** for a function and operation overview; **StatsFriedmanCDF** and **StatsFriedmanTest**.

StatsInvGammaCDF

StatsInvGammaCDF(*cdf*, μ, σ, γ)

The StatsInvGammaCDF function returns the inverse of the gamma cumulative distribution function. There is no closed form expression for the inverse gamma distribution; it is evaluated numerically.

See Also

Chapter III-12, **Statistics** for a function and operation overview; **StatsGammaCDF** and **StatsGammaPDF**.

StatsInvGeometricCDF

StatsInvGeometricCDF(*cdf*, *p*)

The StatsInvGeometricCDF function returns the inverse of the geometric cumulative distribution function

$$x = \frac{\ln(1-cdf)}{\ln(1-p)} - 1$$

where *p* is the probability of success in a single trial and *x* is the number of trials.

See Also

Chapter III-12, **Statistics** for a function and operation overview; **StatsGeometricCDF** and **StatsGeometricPDF**.

StatsInvKuiperCDF

StatsInvKuiperCDF(*cdf*)

The StatsInvKuiperCDF function returns the inverse of Kuiper cumulative distribution function.

There is no closed form expression. It is mapped to the range of 0.4 to 4, with accuracy of 1e-10.

References

See in particular Section 14.3 of

Press, William H., *et al*., *Numerical Recipes in C*, 2nd ed., 994 pp., Cambridge University Press, New York, 1992.

See Also

Chapter III-12, **Statistics** for a function and operation overview; **StatsKuiperCDF**.

StatsInvLogisticCDF

StatsInvLogisticCDF(*cdf*, *a*, *b*)

The StatsInvLogisticCDF function returns the inverse of the logistic cumulative distribution function