

IX.6.2-SYSTEM-ESETSM SUBROUTINE ESETSM

Description

Subroutine ESETSM sets plot positions for the sample (or empirical) distribution of each time series.

Calling Sequence

CALL ESETSM (IPP, IDIST, XSS, DY, A, ILOC, PLOC, NYRS, NBYRS, NVAR, NUMT, NUM, IDTS)

Argument List

<u>Argument</u>	<u>Input/ Output</u>	<u>Type</u>	<u>Dimension</u>	<u>Description</u>
IPP	Output	I*4	6x51x3	Plot positons for sample values
IDIST	Input	I*4	1	Indicator for fitting distribution for the plots: 1 = sample 2 = log normal 3 = normal
XSS	Input	R*4	1	Minimum value on the plot scale
DY	Input	R*4	1	Plotting increment value
A	Input	R*4	1	Time series data values
ILOC	Input	I*4	6	Location in common block EPARM of minimum and maximum values for each time series
PLOC	Input	I*4	6	Location in accumulator array of first value of the time series
NYRS	Input	I*4	1	Number of years of time series values
NBYRS	Input	I*4	1	Number of years of Base Periods time series values
NVAR	Input	I*4	1	Indicator for type of output variable
NUMT	Input	I*4	1	Number of time series to be plotted
NUM	Input	I*4	1	Number of time series

<u>Argument</u>	<u>Input/ Output</u>	<u>Type</u>	<u>Dimension</u>	<u>Description</u>
IDTS	Input	I*4	5	Indicator for type of time series (conditional simulation, observed, etc.) for time series that are to be plotted