

CLASS WIDTH**PURPOSE**

Specifies the class width in subsequent histograms, frequency polygons, rootograms, bi-histograms, and pie charts.

SYNTAX

CLASS WIDTH <x>

where <x> is a number or parameter that specifies the desired width in units of the horizontal axis data.

EXAMPLES

CLASS WIDTH 1

CLASS WIDTH 10

DEFAULT

The default class width is 0.3 times the sample standard deviation.

SYNONYMS

None

RELATED COMMANDS

| | | |
|----------------|---|---|
| CLASS LOWER | = | Sets the lower class minimum for histograms, frequency plots, and pie charts. |
| CLASS UPPER | = | Sets the upper class maximum for histograms, frequency plots, and pie charts. |
| MINIMUM | = | Sets the frame minima for all plots. |
| MAXIMUM | = | Sets the frame maxima for all plots. |
| LIMITS | = | Sets the frame limits for all plots. |
| HISTOGRAM | = | Generate a histogram. |
| FREQUENCY PLOT | = | Generate a frequency plot. |
| PIE CHART | = | Generate a pie chart. |
| PLOT | = | Generates a plot (including bar plots). |
| BARS | = | Sets the on/off switches for plot bars. |
| BAR WIDTH | = | Sets the widths for plot bars. |

APPLICATIONS

Histograms, frequency plots, pie charts

IMPLEMENTATION DATE

Pre-1987

PROGRAM

LET Y = NORMAL RANDOM NUMBERS FOR I = 1 1 100

LET CLASS WIDTH = 0.5

HISTOGRAM Y