

SORTC**PURPOSE**

Sort the elements of a variable in ascending order. In addition, carry one or more additional variables along when doing the sort (that is, the additional variables are sorted in the order of the first variable).

SYNTAX

LET <resp> = SORTC <y1> <y2> ... <yn> <SUBSET/EXCEPT/FOR qualification>

where <y1> is the variable to be sorted (it is not changed);

<y2> ... <yn> is a list of variables to be carried along;

<resp> is a variable where the sorted values are saved;

and where the <SUBSET/EXCEPT/FOR qualification> is optional.

EXAMPLES

LET YSORT = SORT Y1 Y2

LET YSORT = SORT Y1 Y2 Y3 Y4

NOTE

DATAPLOT uses the QUICKSORT algorithm developed by Richard Singleton.

DEFAULT

None

SYNONYMS

None

RELATED COMMANDS

RANK = Rank the elements of a variable.

SORT = Sort the elements of a variable.

APPLICATIONS

Data transformation

IMPLEMENTATION DATE

Pre-1987