

**RETAIN****PURPOSE**

Retains (keeps) the specified rows or subset of a variable, deletes the unspecified rows or subset, and packs the kept elements into the “top” of the variable.

**SYNTAX 1**

RETAIN <list> <SUBSET/EXCEPT/FOR qualification>

where <list> is a list of variables;

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

**SYNTAX 2**

RETAIN <list>

where <list> is a list of elements of a variable.

**EXAMPLES**

RETAIN Y SUBSET X 2 TO 4

RETAIN Y1 Y2 X SUBSET X 8 TO INFINITY

RETAIN X Y Z FOR I = 11 1 20

RETAIN X(100)

RETAIN X(2) Y(7) Z(15)

RETAIN X(2) Y(2) PRED(2) RES(2)

**NOTE**

Some earlier versions of DATAPLOT may have a bug when using RETAIN or DELETE inside a LOOP.

**DEFAULT**

None

**SYNONYMS**

KEEP

**RELATED COMMANDS**

DELETE	=	Deletes rows or subsets of a variable.
LET	=	Transforms rows or subsets of a variable (plus other capabilities).
SUBSET	=	Allows specification of a subset.
EXCEPT	=	Allows exclusion-specification of a subset.
FOR	=	Allows row-specification of a subset.

**APPLICATIONS**

Data transformations

**IMPLEMENTATION DATE**

Pre-1987

**PROGRAM**

SKIP 25

READ BERGER1.DAT Y X TAG

RETAIN Y X TAG SUBSET TAG > 1