COCOPY

PURPOSE

Generate a coded variable based on another variable.

DESCRIPTION

This command is similar to the COCODE command. For COCODE, suppose X is the variable to be coded and XREF is the variable that dictates the coding. Then all element of X that match XREF(1) are coded with a 1, all elements of X that match XREF(2) are coded as a 2, and so on up to the last element of XREF. With COCOPY, instead of coding the new variable as 1, 2, .., N, an additional variable (YREF) is used. Elements of X matching XREF(1) are coded to YREF(1), elements of X matching XREF(2) are coded to YREF(2), and so on.

This command is useful for generating ordered plots for a second response variable based on an ordering of the horizontal axis elements from a preceding plot.

SYNTAX

LET <xprime> = COCOPY <x1> <xref> <yref> <SUBSET/EXCEPT/FOR qualification>
where <x1> is the variable to be coded;
<xref> is a list of values that are matched against <x1> (not neccessarily the same size as <x1>);
<xprime> is a variable of the same length as <x1> where the coded values are saved;
<yref> is a variable of the same length as <xref> that defines the coded values;
and where the <SUBSET/EXCEPT/FOR qualification> is optional.

EXAMPLES

LET XPRIME = COCOPY X1 XREF YREF

DEFAULT

None

SYNONYMS

None

RELATED COMMANDS

COCODE	=	Generate a coded variable based on another variable.
CODE	=	Generate a coded variable.
CODE2	=	Generate a binary coded variable.
CODE4	=	Generate a quartile coded variable.
CODE8	=	Generate an octal coded variable.
CODEH	=	Generate a hinge coded variable.

APPLICATIONS

Data transformations

IMPLEMENTATION DATE

92/5

PROGRAM

```
LET X1 = DATA 12 15 4 12 12 4 15 4 15
LET XREF = DATA 15 4 12
LET YREF = DATA 1 4 9
LET XPRIME = COCOPY X XREF YREF
```

The variable XPRIME will contain the values 9, 1, 4, 9, 9, 4, 1, 4, 1.