LENGTH

Length of a list

LENGTH list of variables output length of list ;

Function:

LENGTH determines the length of a list. It is useful in PROCs which are passed lists as arguments, since the length may be required in matrix dimensions or degrees of freedom calculations. This command counts arguments; it does not compute the length of a series or a matrix.

Examples:

Count the number of parameters from an estimation:

    LSQ EQ1-EQ5;
    LENGTH @RNMS NOPAR;

The following commands cause LENA to be stored with a value of 3, and LENAB to be stored with a value of 5:

    LIST LA X Y Z;
    LENGTH LA LENA;
    LIST BB B1-B2;
    LENGTH LA BB LENAB;

Output:

The list(s) on the command line are expanded, and the final total number of items is stored in the last argument.