

LOCAL

LOCAL list of variables ;

Function:

LOCAL specifies the variables which will be considered **local** to a TSP PROC. Their values will not be saved on exit from the procedure.

Usage:

The LOCAL statement should be placed following the PROC statement to which it applies. Follow the word LOCAL with the names of variables which will be created during the execution of the PROC, but which will not be needed on exit. This can save storage space, or allow the use of duplicate names, which can be especially convenient if you wish to build a library of PROCs and don't want variable name conflicts.

Example:

The following procedure (from the User's manual) computes moving averages of variable length in the current SMPL. LAST, which is the index of the last observation but one and LAG, the loop index, are not saved on return from PROC MA:

```
PROC MA X,LEN,XMA ;
  LOCAL LAST LAG ;
  XMA=X ;
  SET LAST=1-LEN ;
  DO LAG=LAST TO -1 ;
    XMA = XMA+X(LAG) ;
  ENDDO ;
  XMA=XMA/LEN ;
ENDPROC MA ;
```

Output:

LOCAL produces no output.