



## Blind Leading Blind Tips for the Season

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## What's New in Base SAS Procedures

- CONTENTS
  - new look for output
  - ORDER= option
- COPY
  - FORCE option enables you to MOVE a data set
  - CLONE option copies data representation, encoding & attributes
- CORR
  - FISHER option p-values for Pearson and Spearman correlation coefficients based on Fisher's  $z$  transformation
  - PLOTS=MATRIX produces ODS graphics rectangular matrix plot
  - PLOTS=SCA produces ODS graphics scatter plots
- DATASETS
  - AUDIT\_ALL= option specifies whether logging can be suspended
  - ICCREATE statement enables you to create overlapping constraints
  - CORRECTENCODING= option changes the encoding indicator

## What's New in Base SAS Procedures

- New FCMP
  - FCMP procedure enables you to create, test, and store SAS functions and subroutines for use by other SAS procedures
- New FONTREG
  - FONTREG procedure enables you to add system fonts to the SAS registry
- FORMAT
  - maximum length for character format names is now 31
  - maximum length for character informat names is now 30
- FREQ
  - CONTENTS= option specify the text for the HTML contents file links to crosstabulation tables
  - BDT option request Tarone's adjustment in the Breslow-Day test for homogeneity of odds ratios
  - NOWARN option suppresses the log warning message that indicates that the asymptotic chi-square test might not be valid
  - CROSSLIST option displays crosstabulation tables in ODS column format

## What's New in Base SAS Procedures

- New MIGRATE
  - MIGRATE procedure is available specifically for migrating a SAS data library from a previous release to the most recent release
- New FONTREG
  - FONTREG procedure enables you to add system fonts to the SAS registry
- PROTO
  - The PROTO procedure, which has been available in SAS Risk Dimensions software, is now a Base SAS procedure. The PROTO procedure enables you to register, in batch, external functions that are written in the C or C++ programming languages for use in SAS programs
- PRTDEF
  - 15 new variables to control the default printer settings

## What's New in Base SAS Procedures

- PRTEXP
  - new PRTEXP procedure enables you to write attributes, which are used by PROC PRTDEF to define a printer
- New PWENCODE
  - PWENCODE procedure enables you to encode a password. You can use the encoded password in place of plain-text passwords in SAS programs that access relational database management systems (RDBMS) and SAS servers (such as the SAS Metadata Server)
- REGISTRY
  - LISTREG option lists the contents of the registry in the log
  - COMPAREREG1 and COMPAREREG2 options are used together to compare two registries

## What's New in Base SAS Procedures

- REPORT
  - THREADS|NOTTHREADS option enables or prevents the activation of multi-threaded processing
  - Numeric class variables that do not have a format assigned to them are automatically formatted with the BEST12. format
  - now writes the value `_PAGE_` for the `_BREAK_` variable in the output data set for observations that are derived from a `COMPUTE BEFORE _PAGE_` or `COMPUTE AFTER _PAGE_` statement
- SORT
  - DATECOPY option copies to the output data set the SAS internal date and time when the input data set was created, and the SAS internal date and time when it was last modified prior to the sort
  - DUPOUT= option specifies an output data set that contains duplicate observations
  - OVERWRITE option deletes the input data set before the replacement output data set is populated with observations
  - THREADS|NOTTHREADS option enables or prevents the activation of multi-threaded sorting

## What's New in Base SAS Procedures

- SYLK Procedure (Experimental)
  - The new SYLK procedure enables you to read an external SYLK-formatted spreadsheet into SAS, including data, formulas, and formats. You can also use PROC SYLK as a batch spreadsheet, using programming statements to manipulate data, perform calculations, generate summaries, and format the output
- TABULATE
  - THREADS|NOTHEADS option enables or prevents the activation of multi-threaded processing
  - ALPHA= option, which enables you to specify a confidence level
  - Numeric class variables that do not have a format assigned to them are automatically formatted with the BEST12. format
  - FORMAT\_PRECEDENCE and STYLE\_PRECEDENCE options enable you to specify which formats and styles are applied
- New DOCUMENT
  - DOCUMENT procedure enables you to replay your output to different destinations

## What's New in Base SAS Procedures

- MEANS and SUMMARY
  - THREADS|NOTHEADS option enables or prevents the activation of multi-threaded processing
  - When you format class variables by using user-defined formats that are created with the MULTILABEL and NOTSORTED options, specifying the three options MLF, PRELOADFMT, and ORDER=DATA in a CLASS statement now orders the procedure output according to the label order in the format definition.



*The Power to Know.*