NODUPREC

Removes duplicate observations that are adjacent after sorting.

NODUPKEY

NODUPKEY option checks and eliminates observations with duplicate BY values keeping only the first occurrence in the BY group.

DUPOUT

NOUNIQUEKEY and UniqueOUT

The NOUNIQUEKEY option checks and eliminates observations from the output data set that has a unique sort key.	The UNIQUEOUT= option can be used with the NOUNIQUEKEY option. UNIQUEOUT= SAS-data-set specifies the output data set for observations that will contain unique records.

OVERWRITE

The OVERWRITE option will enable you to delete the input data set before the replacement output data set of the same name is populated with observations.

Example

```
data class;
set sashel p.c lass;
run;
proc sort data=class overwrite;
by age;
run;
```

The OVERWRITE option has no effect when an OUT= data set is specified.

PRESORTED

The PRESORTED checks within the input data set to determine whether the sequence of observations is in order before sorting is done.

Relative Order of Observations in Each BY Group

EQUALS	NOEQUALS
The EQUALS option specifies the order of the observations in the output data set and it maintains the relative order of the observations from within the input data set to the output data set for observations with identical BY variable values.	NOEQUALS does not necessarily preserve this order in the output data set.
SORTEQUAL System Option specifies that observations with identical BY variable values are to retain the same relative positions in the output data set as in the input data set.	NOSORTEQUALS says that no resources should be used to control the order of observations in the output data set that have the same value for a BY variable.

Sorting Orders

Numeric Variables

For numeric variables, the smallest-to--largest comparison sequence is:

1. SAS missing values (shown as a period or special missing value)
2. negative numeric values
3. zero
4. positive numeric values.

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