

Records Example #1

SUDAAN Statements and Results Illustrated

- DATA option
- FILETYPE option
- COUNTREC option
- CONTENTS option
- NOPRINT option

Input Data Set(s): EXERCISE.SAS7bdat

Example

The following example illustrates the COUNTREC and CONTENTS options in PROC RECORDS, using a clinical trials dataset reported by Crouchley and Pickles (1993).

The data for this example represent repeated exercise times (in seconds) to angina pectoris in patients with coronary heart disease.

Solution

Exhibit 1. SAS-Callable SUDAAN Code

```
libname in "c:\11winbetatest\examples";  
options nocenter linesize=80 pagesize=60;  
  
PROC RECORDS DATA=in.exercise filetype=sas CONTENTS COUNTREC NOPRINT;
```

Exhibit 2. Printed Results from RECORDS

```

                                S U D A A N
      Software for the Statistical Analysis of Correlated Data
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SAS Record File IN.EXERCISE
Variables
Name          Type          Output          Description
                Type          Format
-----
PATIENT       Numeric          PATIENT
HOURS        Numeric          Time
TRTDAY       Numeric          Day
EXTIME       Numeric          Exercise Time to Angina Pectoris
MI           Numeric          Previous MI
CAB          Numeric          Previous Bypass Surgery
PP          Numeric          Previous Propranolol Trt
DOSAGE       Numeric          Dosage of Isosorbide Dinitrate
COMPLETE     Numeric          COMPLETE
CENSOR       Numeric          CENSOR
HRS          Numeric          Hours Since Drug Admin
HRS1        Numeric          1 HOUR
HRS3        Numeric          3 HOURS
HRS5        Numeric          5 HOURS
SUDTRT      Numeric          Day
TRT         Numeric          Group
TRTHRS1     Numeric          Treatment Effect: 1 hr. vs. Pre-Dosing
TRTHRS3     Numeric          Treatment Effect: 3 hrs. vs. Pre-Dosing
TRTHRS5     Numeric          Treatment Effect: 5 hrs. vs. Pre-Dosing
ID          Numeric          ID

Number of records on file :    168

```