896158 CHU CHUA

Spss

Frequencies

mean / σ / kurtosis / etc

```
  SNUMB = 6550T                       XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

    X               XXXXX              XXXXX              XXXX               XXXXX
   X                X                  X                 X    X                X
  XXXX              XXXXX              XXXXX             X    X                X
 X    X                  X                  X            X    X                X
 X    X             X    X             X    X            X    X                X
  XXXX               XXXX               XXXX              XXXX                 X

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX


$$    6550T ENTERED VAN449 AT 10.755 FROM SYSTEM=0 TSS/S   0=08=02


0001  $      SNUMB   6550T
0002  $      COMMENT PROJECT          TSS CARDIN
0003  $$     USERID  PROJECT$
0004  $      IDENT   PROJECT,MCMILLAN,11157,412873, ,MENZIES                00000000
0005  $$     SELECT  SPSS/SPSS                                              00000000
0006 1$      NOTE    SPSS SELECT FILE                                       V7SPSS00
0007 1$      OPTION  FCB                                                    V7SPSS01
0008 1$      OBJECT  SPSS RLHS ENTRY ROUTINE V7.2              G14.385050578.SPSS.00
0009 1$      DKEND                                              14.385050578.SPSS.09
0010 1$      OBJECT  PRINT SPSS MESSAGE FILES.                 G14.405050578MESS0000
0011 1$      DKEND                                              14.405050578MESS0009
0012A1$      EXECUTE                                                        V7SPSS02
0013 1$      LIMITS  10,38K,6K,8K                                           V7SPSS03
0014 1$$     PRMFL   H*,R,R,SPSS/SPSS=HS7                                   V7SPSS04
0015 1$$     PRMFL   P1,R,S,SPSS/SPSS7MSS                                   V7SPSS05
0016 1$      FILE    P*,NULL                                                V7SPSS06
0017 1$      FILE    SA,,5L                                                 V7SPSS07
0018 1$      FILE    T1,,1L                                                 V7SPSS08
0019 1$      SYSOUT  MS,ORG                                                 V7SPSS09
0020 1$      SYSOUT  OT,ORG                                                 V7SPSS10
0021 1$      SYSOUT  43                                                     V7SPSS11
0022  $      LIMITS  10,100K,6K,5K                                          00000000
0023  $$     PRMFL   08,R,L,PROJECT/TEMP                                    00000000
0024  $      FILE    P1,NULL                                                00000000
0025  $      ENDJOB                                                         00000000
  TOTAL CARD COUNT THIS JOB = 000062


BCSC* JOB PRIORITY: 1
* ACTY=01  $CARD #0012  GELOAD   02/05/80   SW=000000000000
  * NORMAL TERMINATION      AT 060135 I=5020 SW=000000000000

      START 10.757      LINES    203      PROC  0.0008        I/O   0.001     IU  7   MEMORY   100K
      STOP  10.761      LIMIT   5120      LIMIT 0.1000        LIMIT           CU  7   M*T      1373
      SWAP   0.000
      LAPSE  0.004 FC D   TYPE      BUSY     IP/AT     FP/RT     IS/#C MS/#E     ADDRESS T#/PK#

                   I* R MSU450 *      11         0         1         1     1     0=08=06
                   R* R MSU450 *      61         0         0         3     3     0=08=06
                   H* R MSU450 P    2121         0         0      1000  1000R    0=08=02
                   P* R   NULL         4         0         0         *     *     0=00=00
                   SA R MSU450 *      85         0         0        60    60     0=08=03
                   T1 R MSU450 *      50         0         1        12    12     0=08=04
                   MS     SYOUT
                   OT     SYOUT
                   43     SYOUT
                   08 R MSU450 P     130         0         5        33    33     0=08=06
                   P1 R   NULL         2         0         0         *     *     0=00=00
                   L* R MSU450 *     507         0         0      1200  1200R    0=08=02
                   *L R MSU450 *     102         0         0      2000  2000R    0=08=01
                   10 R MSU450 P     111         0         1         *     1     0=08=02

       RC=06   203 LINES AT STA.  :5

ESTIMATED COST FOR ACTIVITY     $0001.33
CPU     $0000.30       M*T $0000.53       I/O $0000.14         DEVICES $0000.00    SYSOUT $0000.36
RESOURCES USED TO DATE   $00585.10 = 000%
```

```
  SNUMB = 6550T, ACTIVITY # = 01, , REPORT CODE = 06, RECORD COUNT = 000203
```

MADE IN CANADA

```
STATISTICAL PACKAGE FOR THE SOCIAL SCIENCES  --  KU CONVERSION                    02/05/80        PAGE    1

SPSS FOR HONEYWELL SERIES 6000 AND SERIES 60 LEVEL 66 - GCOS  SYSTEMS

                     RELEASE 7.2A-1

CONVERTED FROM SPSS INCORPORATED'S IBM/OS SPSSH PACKAGE BY THE
INSTITUTE FOR SOCIAL AND ENVIRONMENTAL STUDIES, UNIVERSITY OF KANSAS


DEFAULT SPACE ALLOCATION..     ALLOWS FOR..     10 TRANSFORMATIONS
WORKSPACE      63725 WORDS                      40 RECODE VALUES + LAG VARIABLES
TRANSPACE        300 WORDS                      80 IF/COMPUTE OPERATIONS

                    RUN NAME        FREQUENCIES USTNG PRMFL INPUT                          00000010
                    NUMBERED                                                                00000020
                    FILE NAME       CHU CHUA ANALYSES                                       00000030
                    VARIABLE LIST   A1 TO A9                                                00000040
                    INPUT MEDIUM    DISK                                                    00000050
                    INPUT FORMAT    FIXED(6X,3F6.2,6X,F6.2,6X,5F6.2)                        00000060

                    ACCORDING TO YOUR INPUT FORMAT, VARIABLES ARE TO BE READ AS FOLLOWS-

                    VARIABLE     TYPE     RECORD     COLUMNS

                    A1             F         1         7-  12
                    A2             F         1        13-  18
                    A3             F         1        19-  24
                    A4             F         1        31-  36
                    A5             F         1        43-  48
                    A6             F         1        49-  54
                    A7             F         1        55-  60
                    A8             F         1        61-  66
                    A9             F         1        67-  72

                    N OF CASES      UNKNOWN                                                 00000070
                    VAR LABELS      A1 SI02 /                                               00000080
                                    A2 TI02 /                                               00000090
                                    A3 AL203 /                                              00000100
                                    A4 FE203 /                                              00000110
                                    A5 MNO /                                                00000120
                                    A6 MGO /                                                00000130
                                    A7 CAO /                                                00000140
                                    A8 NA20 /                                               00000150
                                    A9 K20 /                                                00000160
                    CONDESCRIPTIVE     A1 TO A9                                             00000170
*****  69155 WORDS OF WORKSPACE ARE AVAILABLE TO THIS PROCEDURE *****

 ***** GIVEN SPACE ALLOWS FOR5319 VARIABLES FOR CONDESCRPTIVE *****
```

MADE IN CANADA

```
FREQUENCIES USING PRMFL INPUT                          0000001                   02/05/80        PAGE    2

                    OPTIONS         4                                                       00000180
                    STATISTICS      ALL                                                     00000190
                    READ INPUT DATA                                                         00000200

AFTER READING     61 CASES FROM SUBFILE CHU      ,  END OF FILE WAS ENCOUNTERED ON LOGICAL UNIT # 8
```

MADE IN CANADA

```
FREQUENCIES USING PRMFL INPUT                         0000001                    02/05/80         PAGE    3

FILE    CHU       (CREATION DATE = 02/05/80)    CHUA ANALYSES

VARIABLE  A1           SI02

MEAN              51.540                STD ERROR          1.470              STD DEV           11.482
VARIANCE         131.834                KURTOSIS           3.035              SKEWNESS           1.868
RANGE             56.430                MINIMUM           29.570              MAXIMUM           86.000
SUM             3143.910

VALID OBSERVATIONS -         61                   MISSING OBSERVATIONS -          0

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

VARIABLE  A2           TI02

MEAN               1.487                STD ERROR          0.077              STD DEV            0.601
VARIANCE           0.362                KURTOSIS           0.610              SKEWNESS          -1.490
RANGE              1.930                MINIMUM            0.050              MAXIMUM            1.980
SUM               90.700

VALID OBSERVATIONS -         61                   MISSING OBSERVATIONS -          0

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

VARIABLE  A3           AL203

MEAN              13.194                STD ERROR          0.511              STD DEV            3.994
VARIANCE          15.954                KURTOSIS           2.511              SKEWNESS          -1.894
RANGE             15.840                MINIMUM            0.620              MAXIMUM           16.460
SUM              804.840

VALID OBSERVATIONS -         61                   MISSING OBSERVATIONS -          0

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

VARIABLE  A4           FE203

MEAN              10.090                STD ERROR          0.406              STD DEV            3.174
VARIANCE          10.071                KURTOSIS           2.978              SKEWNESS          -0.039
RANGE             19.140                MINIMUM            2.010              MAXIMUM           21.150
SUM              615.510

VALID OBSERVATIONS -         61                   MISSING OBSERVATIONS -          0

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

VARIABLE  A5           MNO

MEAN               0.166                STD ERROR          0.008              STD DEV            0.064
VARIANCE           0.004                KURTOSIS           1.499              SKEWNESS          -0.996
RANGE              0.300                MINIMUM            0.010              MAXIMUM            0.310
SUM               10.140

VALID OBSERVATIONS -         61                   MISSING OBSERVATIONS -          0
```

MADE IN CANADA

```
FREQUENCIES USING PRMFL INPUT                         0000001                    02/05/80         PAGE    4

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

VARIABLE  A6           MGO

MEAN               6.947                STD ERROR          0.672              STD DEV            5.251
VARIANCE          27.569                KURTOSIS          16.640              SKEWNESS           3.770
RANGE             33.800                MINIMUM            0.290              MAXIMUM           34.090
SUM              423.790

VALID OBSERVATIONS -         61                   MISSING OBSERVATIONS -          0

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

VARIABLE  A7           CAO

MEAN               7.443                STD ERROR          0.504              STD DEV            3.933
VARIANCE          15.472                KURTOSIS          -0.537              SKEWNESS          -0.871
RANGE             13.430                MINIMUM            0.040              MAXIMUM           13.470
SUM              454.010

VALID OBSERVATIONS -         61                   MISSING OBSERVATIONS -          0

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

VARIABLE  A8           NA20

MEAN               1.952                STD ERROR          0.179              STD DEV            1.395
VARIANCE           1.947                KURTOSIS          -1.278              SKEWNESS          -0.239
RANGE              4.910                MINIMUM            0.010              MAXIMUM            4.920
SUM              119.060

VALID OBSERVATIONS -         61                   MISSING OBSERVATIONS -          0

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

VARIABLE  A9           K20

MEAN               0.509                STD ERROR          0.084              STD DEV            0.653
VARIANCE           0.427                KURTOSIS           3.285              SKEWNESS           1.822
RANGE              3.040                MINIMUM            0.010              MAXIMUM            3.050
SUM               31.020

VALID OBSERVATIONS -         61                   MISSING OBSERVATIONS -          0
```

MADE IN CANADA

```
 FREQUENCIES USING PRMFL INPUT                            0000001                    02/05/80        PAGE    5
 FILE   CHU      (CREATION DATE = 02/05/80)   CHUA ANALYSES
 POSITIONAL INDEX
- VARIABLE  PAGE    VARIABLE  PAGE    VARIABLE  PAGE    VARIABLE  PAGE
  A1           3    A4           3    A7           4
  A2           3    A5           4    A8           4
  A3           3    A6           4    A9           4
```

MADE IN CANADA

```
 FREQUENCIES USING PRMFL INPUT                            0000001                    02/05/80        PAGE    6
 FILE   CHU      (CREATION DATE = 02/05/80)   CHUA ANALYSES
 ALPHABETIC INDEX
- VARIABLE  PAGE    VARIABLE  PAGE    VARIABLE  PAGE    VARIABLE  PAGE
  A9           4    A6           4    A3           3
  A8           4    A5           4    A2           3
  A7           4    A4           3    A1           3
```

MADE IN CANADA

```
FREQUENCIES USING PRMFL INPUT                                0000001                      02/05/80         PAGE     7

CPU TIME REQUIRED..      1.01 SECONDS


                      FINISH                                                                       00000210
   NORMAL END OF JOB.
   21 CONTROL CARDS WERE PROCESSED.
    0 ERRORS WERE DETECTED.
```

```
*********************************************************************************
*********************************************************************************

                      *     *****    *****     ****     *****
                     *      *        *        *    *      *
  ****     ****     ****    *****    *****    *    *      *      ****     ****
                   *    *   *    *   *    *   *    *      *
                   *    *   *    *   *    *   *    *      *
                    ****     ****     ****     ****       *

*********************************************************************************
*********************************************************************************
-- 3 0 --         DATE  02-05-80    TIME  11.048       ID = ME   VAN449
```