CORRELATIONS AMONG SAT, ACT, AFOQT AND GRADE POINT AVERAGE

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Prepared by:

GROVER E. DIEHL, Ed. D.
Chief, Plans and Evaluation Branch
AFROTC

Cleared for public release by:

DAVID B. SUTHEPLIN, Major, USAF
Director, Public Affairs
AFROTC
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A study was conducted to determine the degree of association between the Scholastic Aptitude Test (SAT), the ACT test of the American College Testing Program, the Air Force Officer Qualification Test (AFOQT), and grade point average (GPA) for AFROTC cadets entering the Professional Officer Corps during FY 85.

METHOD

Subjects. A total of 3575 cadets reported in the Cadet Personnel System (CPS) were selected for study. Cadets met the following criteria:

1. Reason for loss (DIN 904) code blank, indicating cadet remained active.
2. Student status (DIN 146) either contract/non-contract (Code B), or conditional 1 term contract (Code N), or conditional 2 terms contract (Code P) or conditional 3 terms contract (Code Q).
3. Date entered Professional Officer Corps (POC) (DIN 334) between 1 Nov 84 and 31 Oct 85, inclusive.
4. Date enlisted (DIN 166) not blank, indicating cadet began program.
5. AFOQT Verbal score (DIN 279) between 15 and 99, inclusive. This removed misleadingly low verbal scores arising from retest inputs.
6. AFOQT Quantitative score (DIN 282) between 10 and 99. This removed misleadingly low quantitative scores arising from retest inputs.
7. Last AFOQT Form (DIN 288) "0," indicating Form 0.

These criteria conformed to those used by AFROTC to determine the viability of detachments. A Selective Inquiry System (SIS) routine, shown at Appendix A, was used to extract the target data from the CPS.

Variables. The 11 variables selected for study are described in AFROTCR 45-13, AFROTC Selection, Enrollment, and Reporting System (Senior Units Only).
These include the following.

1. SAT Verbal score.
2. SAT Math score.
3. SAT Composite.
4. ACT Composite score.
5. SAT Composite equivalent from the AFOQT.
6. AFOQT Academic Aptitude (AA) score.
7. AFOQT pilot score.
8. AFOQT navigator (NAV) score.
9. AFOQT verbal score.
10. AFOQT quantitative (Quant) score.
11. Grade point average (GPA).

Procedure. The data file from the SIS run was converted from BCD to ASCII using a facility of the Honeywell 6000 computer at Maxwell/Gunter AFB. The ASCII file of 3578 cadets was then checked for accuracy. Three cases were deleted for incompatibility with known limits leaving the 3575 cadet sample.

AFROTC/XPX FORTRAN routine CORLATE2 was then used to correlate each variable with every other variable and produce a number of descriptive statistics. A listing of CORLATE2 is shown in Appendix B.

RESULTS/DISCUSSION

Due to the facts that there are some missing data and not every CPS variable requires a value to be entered, Ns for cells are not necessarily equal. While this reduces the opportunity for direct comparisons among pairings, it has the advantage of maximizing use of all available data. To assist the reader in evaluating the correlations, Tables 1 through 10 contain extensive descriptive
statistics, with more descriptive statistics contained in Appendix C.

There is some confidence from reviewing Tables 1 through 10 that even though cell Ns are unequal, they remain representative samples from a common population. Means for dependent variables (Ys) vary little as a function of independent variables (Xs). For example, in Table 1, the means of the dependent variable "SAT Verbal" vary by less than two percent.

On test dimensions the cadets sampled tended to score above average. SAT verbal was around 525, SAT math around 600, AFOQT verbal and math above 60, and so on. Given the ambiguity of GPA, it is difficult to make external comparisons. In a general way, however, a mean GPA of 2.8 to 2.9 may be considered average or slightly above. There is evidence then that the FY 85 POC pool is at least representative of the college population and perhaps a bit above.

Matrix of correlation coefficients is shown in Table II. The extremely high correlations between SAT equivalent and SAT composite and ACT is reasonable since the first is simply a linear transformation of the latter two. Correlations on GPA are the lowest, as might be expected. On the dimensions selected, GPA is quite independent. Correlations otherwise tend to cluster in logical categories -- verbal, math, pilot/nav, and composite scores. AFOQT pilot and nav tended to correlate higher with math than with verbal variables.

**SUMMARY**

This report presents descriptive statistics and correlation coefficients from 11 academic ability variables as they are reflected in the 1985 POC cadet pool. These data are of use as base line data on the cadet population, and as comparative data for use in validity research.
### TABLE 1

**DESCRIPTIVE STATISTICS FROM THE CORRELATION OF SAT-VERBAL (Y) WITH SELECTED VARIABLES (X)**

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<th>N</th>
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<th>X</th>
<th>Y</th>
<th>X</th>
<th>r</th>
<th>R²</th>
<th>MIN</th>
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<th>MIN</th>
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<td>780</td>
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**Descriptive Statistics from the Correlation of SAT-MATH (Y) with Selected Variables (X)**

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**TABLE 3**

**DESCRIPTIVE STATISTICS FROM THE CORRELATION OF SAT-COMPOSITE (Y) WITH SELECTED VARIABLES (X)**
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### TABLE 5

**DESCRIPTIVE STATISTICS FROM THE CORRELATION OF SAT EQUIVALENT (Y) WITH SELECTED VARIABLES (X)**

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<th>Y</th>
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**TABLE 6**

DESCRIPTIVE STATISTICS FOR THE CORRELATION OF AFOQT AA (Y) WITH SELECTED VARIABLES (X)
### TABLE 7

**Descriptive Statistics for the Correlation of AFOQT Pilot (Y) with Selected Variables (X)**

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TABLE 8

DESCRIPTIVE STATISTICS FOR THE CORRELATION OF AFOQT NAV (Y) WITH SELECTED VARIABLES (X)

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<th>MIN</th>
<th>MAX</th>
<th>MIN</th>
<th>MAX</th>
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<tr>
<td>AFOQT VERBAL</td>
<td>3575</td>
<td>60.434</td>
<td>58.309</td>
<td>22.047</td>
<td>22.989</td>
<td>.3891</td>
<td>.1514</td>
<td>04</td>
<td>99</td>
<td>15</td>
<td>99</td>
</tr>
<tr>
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<td>3575</td>
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<td>60.503</td>
<td>22.047</td>
<td>22.508</td>
<td>.8036</td>
<td>.6461</td>
<td>04</td>
<td>99</td>
<td>10</td>
<td>99</td>
</tr>
<tr>
<td>GPA</td>
<td>3573</td>
<td>60.444</td>
<td>2.884</td>
<td>22.039</td>
<td>.464</td>
<td>.1301</td>
<td>.0169</td>
<td>04</td>
<td>99</td>
<td>1.80</td>
<td>4.00</td>
</tr>
<tr>
<td>X</td>
<td>N</td>
<td>Y</td>
<td>X</td>
<td>Y</td>
<td>X</td>
<td>r</td>
<td>R²</td>
<td>MIN</td>
<td>MAX</td>
<td>MIN</td>
<td>MAX</td>
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<td>------------</td>
<td>----</td>
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<td>-----</td>
<td>------</td>
<td>------</td>
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<td>3575</td>
<td>58.309</td>
<td>60.503</td>
<td>22.989</td>
<td>22.508</td>
<td>.4405</td>
<td>.1940</td>
<td>15</td>
<td>99</td>
<td>10</td>
<td>99</td>
</tr>
<tr>
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<td>2.884</td>
<td>22.988</td>
<td>.464</td>
<td>.1762</td>
<td>.0310</td>
<td>15</td>
<td>99</td>
<td>1.80</td>
<td>4.00</td>
</tr>
</tbody>
</table>

**TABLE 9**

Descriptive statistics from the correlation of AFOQT verbal (Y) with selected variables (X).
# TABLE 10

**DESCRIPTIVE STATISTICS FROM THE CORRELATION OF AFQQT QUANT \( (Y) \) WITH A SELECTED VARIABLE \( (X) \)**

<table>
<thead>
<tr>
<th>X</th>
<th>N</th>
<th>Y</th>
<th>X</th>
<th>Y</th>
<th>X</th>
<th>r</th>
<th>R²</th>
<th>MIN</th>
<th>MAX</th>
<th>MIN</th>
<th>MAX</th>
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</thead>
<tbody>
<tr>
<td>GPA</td>
<td>3573</td>
<td>60.506</td>
<td>2.884</td>
<td>22.510</td>
<td>.464</td>
<td>.1776</td>
<td>.0315</td>
<td>10</td>
<td>99</td>
<td>1.80</td>
<td>4.00</td>
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</tbody>
</table>
TABLE II

MATRIX OF CORRELATION FOR 11 VARIABLES: CELL NS ARE NOT EQUAL

<table>
<thead>
<tr>
<th></th>
<th>SAT VERBAL</th>
<th>SAT MATH</th>
<th>SAT COMPOSITE</th>
<th>ACT</th>
<th>SAT EQUIVALENT</th>
<th>AFOQT AA</th>
<th>AFOQT PILOT</th>
<th>AFOQT NAV</th>
<th>AFOQT VERBAL</th>
<th>AFOQT QUANT</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAT MATH</td>
<td>.5266</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAT COMPOSITE</td>
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<td>.8886</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ACT</td>
<td>.7443</td>
<td>.7017</td>
<td>.8344</td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>SAT EQUIVALENT</td>
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<td>.8660</td>
<td>.9752</td>
<td>.9870</td>
<td></td>
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<td></td>
<td></td>
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<td></td>
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<tr>
<td>AFOQT AA</td>
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<td>.6869</td>
<td>.6014</td>
<td>.8039</td>
<td>.8308</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>AFOQT PILOT</td>
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<td>.4491</td>
<td>.3996</td>
<td>.4156</td>
<td>.4416</td>
<td>.5318</td>
<td></td>
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<tr>
<td>AFOQT NAV</td>
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<td>.5472</td>
<td>.5660</td>
<td>.5969</td>
<td>.6867</td>
<td>.9075</td>
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<tr>
<td>AFOQT VERBAL</td>
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<td>.4729</td>
<td>.7023</td>
<td>.6811</td>
<td>.7056</td>
<td>.8641</td>
<td>.3451</td>
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<td>.6826</td>
<td>.7089</td>
<td>.8276</td>
<td>.5736</td>
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<td>.2089</td>
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<td>.1301</td>
<td>.1762</td>
<td>.1776</td>
</tr>
</tbody>
</table>
Appendix A

Listing of the SIS Routine
<table>
<thead>
<tr>
<th>Line</th>
<th>Text</th>
</tr>
</thead>
<tbody>
<tr>
<td>00100</td>
<td>IDENT IBM700/7000  DMFICL80  10/1978, 001</td>
</tr>
<tr>
<td>00200</td>
<td>*PRGAM=RLHS,ON1</td>
</tr>
<tr>
<td>00250</td>
<td>*PRGAM=RLHS,ON1</td>
</tr>
<tr>
<td>00300</td>
<td>*PRGAM=RLHS,ON1</td>
</tr>
<tr>
<td>00350</td>
<td>*PRGAM=RLHS,ON1</td>
</tr>
<tr>
<td>00400</td>
<td>LIMITS 20K, 20K</td>
</tr>
<tr>
<td>00450</td>
<td>PMFL 11, R, R, FKACD11/RGIEF0000</td>
</tr>
<tr>
<td>00500</td>
<td>PMFL 11, R, R, FKACD11/RGIEF0000</td>
</tr>
<tr>
<td>00550</td>
<td>PMFL 11, R, R, FKACD11/RGIEF0000</td>
</tr>
<tr>
<td>00600</td>
<td>PMFL 11, R, R, FKACD11/RGIEF0000</td>
</tr>
<tr>
<td>00650</td>
<td>PMFL 11, R, R, FKACD11/RGIEF0000</td>
</tr>
<tr>
<td>00700</td>
<td>FILE WS,, 5L</td>
</tr>
<tr>
<td>00750</td>
<td>FILE I3,, 5L</td>
</tr>
<tr>
<td>00800</td>
<td>FILE 34,, 5R</td>
</tr>
<tr>
<td>00850</td>
<td>FILE 34,, 5R</td>
</tr>
<tr>
<td>00900</td>
<td>FILE 34,, 5R</td>
</tr>
<tr>
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<td>FILE 34,, 5R</td>
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<td>FILE 34,, 5R</td>
</tr>
<tr>
<td>01800</td>
<td>FILE 34,, 5R</td>
</tr>
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<td>01850</td>
<td>FILE 34,, 5R</td>
</tr>
<tr>
<td>01900</td>
<td>FILE 34,, 5R</td>
</tr>
<tr>
<td>01950</td>
<td>FILE 34,, 5R</td>
</tr>
</tbody>
</table>

**Notes:**
- The code snippet appears to be a part of a larger program or documentation.
- It seems to be related to file handling and data management.
- The text is written in a programming or technical context, possibly for a specific system or environment.

---

**Additional Notes:**
- The lines 01000 to 01950 are repeated, indicating a pattern or specific instructions. It's likely that these are significant in the context of the program.
- The presence of identifiers like *PRGAM=RLHS,ON1* suggests that this is part of a larger set of instructions or a program setup.
- The use of file names like FILE 34,, 5R indicates that specific files or directories are being referenced.

---

**Technical Details:**
- The limits set at 20K, 20K might be related to memory or storage constraints.
- The presence of PMFL (possibly a file management or library) indicates that the code is interacting with files or directories.
- The FILE statements suggest that the code is setting up files for use, possibly for data input or output.

---

**Further Analysis:**
- The code snippet is dense with technical terms and directives, typical of programming or system configuration.
- It's important to understand the context in which this code is placed to fully interpret its meaning and purpose.
- This might be a part of a larger system setup or data processing script.
Appendix B

Listing of the FORTRAN Routine "CORLATE2"
PROGRAM TO DETERMINE THE CORRELATION BETWEEN TWO FACTORS.

DIMENSION X(5000), Y(5000)

CHARACTER NAME2(24), INN(3), IN1(3), IJ(72)

PRINT 1

1 FORMAT(’//,’ WELCOME TO THE CORRELATION APPLICATION’,
‘PROGRAM APRIL 62 CAPT TERRANOVA’,//)

PRINT 2

2 FORMAT(’INPUT THE NAME OF YOUR FILE—’,//, ’24 CHARACTERS’,
’MAX—UNDER USER MASTER CATALOG FRTICO!’,
’PUT A (;)(SEMI-COLON) AFTER FILE NAME”,//)

READ 4, NAME2

4 FORMAT(’//,’ TRY AGAIN OR PRESS ABORT”,//)

READ 46, NAME2

46 FORMAT(’//,’THIS IS YOUR CAT FILE STRING”,’/2X, A24)

CALL ATTACH(8, NAME2, 1, 0, ISTAT)

IF(ISTAT .EQ. 0 .OR. ISTAT .NE. 1 .OR. ISTAT .NE. 2 .OR. ISTAT .NE. 3 .OR. ISTAT .NE. 4) GO TO 11

PRINT 5

5 FORMAT(’//,’ TRY AGAIN OR PRESS ABORT”,//)

PRINT 48

48 FORMAT(’IF YOU WISH TO BYPASS DATA CHECK TYPE IT’)//

READ 99, INN

99 IF(IN1 .NE. 3) YES GO TO 10

PRINT 12

12 FORMAT(’GREAT—SUCCESSFUL COPY !!”)

PRINT 13

13 FORMAT(’//,’ TOTAL SUBPOPULATION MUST BE LESS THAN 5000”,//)

REIND 8

PRINT 14

14 FORMAT(’//,’ INPUT FORMAT SPECIFICATIONS—–”,//
’EXAMPLE—(F4.0,2X)—(F5.1,3X)—ETC”,//)

READ S61, IJ

S61 FORMAT(A72)

WRITE(S62, IJ)

S62 FORMAT(IX, A72)

N = 1

777 READ(B, IJ, END=73) A, B

IF (A .EQ. 0) GO TO 777

IF (B .EQ. 0) GO TO 777

X(N)=A

Y(N)=B

N = N + 1

GO TO 777

*
410 73  REMIND B
420    N = N - 1
430    SUM = X(1)
440    NN = 1
450    MM = 1
460    XH = .01
470    XL = 9999.
480    SUMXS = X(1) **2
490   DO 60 JJ = 2, N
500   IF(X(JJ) .01 . XH) XH = X(JJ)
510   IF(X(JJ) .LT. XL) XL = X(JJ)
520   IF(X(JJ) .EQ. X(JJ-1)) GO TO 58
530    NN = 1
540   GO TO 59
550 59      NN = NN + 1
560   IF(NN .GT. NN) GO TO 59
570    MM = NN
580    XH0 = X(JJ)
590 59      SUM = SUM + X(JJ)
600    XSQ = X(JJ) **2
610    SUMXS = SUMXS + XSQ
620 60 CONTINUE
630    XMEAN = SUM / (N - 1.)
640    SUMXS = SUM ** 2
650    DEV = (SUMXS - (SUMXS / N)) / (N - 1)
660    XME = (XL + XH) / 2
670    STDEV = SQRT(DEV)
680    DIS = STDEV / XMEAN
690    SKE = 3 * (XMEAN - XME) / STDEV
700    STE = STDEV / SQRT(N)
710    CON1 = XMEAN + 1.96 * STE
720    CON2 = XMEAN - 1.96 * STE
730    SUMY = Y(1)
740    MNY = 1
750    MMY = 1
760    YH = .01
770    YL = 9999.
780    SUMYS = Y(1) **2
790    SXY = X(1) * Y(1)
800   DO 160 JJ = 2, N
810   IF(Y(JJ) .GT. YH) YH = Y(JJ)
820   IF(Y(JJ) .LT. YL) YL = Y(JJ)
830   IF(Y(JJ) .EQ. Y(JJ-1)) GO TO 158
840    MNY = 1

*
TO "I9
U~
I
hll
MNY
+C
-1
860 IF(MNY .GE. MNY) GO TO 159
870 MNY = MNY + 1
880 MNY = MNY
890 Y(i) = Y(i)
900 SUMY = SUMY + Y(i)
910 YSQ = Y(i) ** 2
920 SUMYS = SUMYS + YSQ
930 XY = X(i) * Y(i)
940 SXY = SXY + XY
950 CONTINUE
960 YM~L:)
970 SUMY ** 2
980 SDY = SDY / YMEAN
990 YMEAN = (YL + YH) / 2
1000 STDEV = SDY / SDY
1010 SY = SY / YMEAN
1020 SKEV = 3 * (YMEAN - YMEAN) / STDEV
1030 STY = STDEV / STDEV
1040 CONTO = YMEAN + 1.96 * STDEV
1050 CONC = YMEAN - 1.96 * STDEV
1060 PXY = SUM * SUMY
1070 R1 = N * SXY - PXY
1080 D1 = N * SUMX - SUMX
1090 D11 = SDY(ID)
1100 D2 = N * SUMY - SUMY
1110 D22 = SDY(D2)
1120 R2 = D11 - D22
1130 CORI. = R1 / R2
1140 PRINT 100, N, XMEAN, DEY, STDEV, XH, XH
1150 100 FORMAT(///", "YOUR X POPULATION OF ", IS, " ELEMENTS", 
11600 " HAS A MEAN OF ", F9.3, " A VARIANCE ", /,
11700 OF ", F15.3, " AND STANDARD DEVIATION OF ", F9.3,
11800 /", "THE DATA RANGE IS FROM ", F9.2, " TO ", F9.2, ///,
11900 PRINT 314, XMEAN, XHO, HI, DI, SKE, STY, CON2, CON1
1200 314 FORMAT(///", ** OTHER IMPORTANT STATS ***",/,
12104 \" MEDIAN (HID PT) = \"F9.2, \" MODE = \"F9.2, \" FREQ = \"IS, /,
12200 \" DISPERSION = \"F9.2, \" SKEWNESS = \"F9.2, ///,
1260 200 FORMAT(///", "YOUR Y POPULATION OF ", IS, " ELEMENTS", 
12700 \" HAS A MEAN OF \", F9.3, " A VARIANCE ", /,
12800 \" OF \", F15.3, " AND STANDARD DEVIATION OF \", F9.3,
"THE DATA RANGE IS FROM \"F9.2\" TO \"F9.2\", ** OTHER IMPORTANT STATS ** ** 95% confidence interval **

MEDIAN: (MEDIAN) = \"F9.2\" MODE = \"F9.2\" \"F9.2\" \"F9.2\"

"STANDARD ERROR (MEAN) = \"F9.2\" ** CORRELATION BETWEEN THE TWO FACTORS X; Y IS **

DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO ?

ARE YOU USING THE SAME FILE ? -- YES--NO

IF(IN1 .NE. 3) YES) GO TO 119

READ 99, IN1

IF(IN1 .EQ. 3) YES) GO TO 22

GO TO 10

PRINT 120

FORMAT("SEE YOU LATER ALLIGATOR")

STOP

END
Appendix C

Descriptive Statistics
SAT VERBAL VS. SAT MATH

YOUR X POPULATION OF 1908 ELEMENTS HAS A MEAN OF 569.005 A VARIANCE OF 7068.224 AND STANDARD DEVIATION OF 84.073.
THE DATA RANGE IS FROM 220.00 TO 780.00

** OTHER IMPORTANT STATS **
MEDIAN (MID PT) => 500.00  MODE => 610.00  FREQ => 3
DISPERSION => 0.16  SKEWNESS => 0.36

STANDARD ERROR (MEAN) => 1.92
** 95% CONFIDENCE INTERVAL => 520.23 THRU 587.79

YOUR Y POPULATION OF 1908 ELEMENTS HAS A MEAN OF 595.155 A VARIANCE OF 8870.244 AND STANDARD DEVIATION OF 94.102.
THE DATA RANGE IS FROM 92.00 TO 200.00

** OTHER IMPORTANT STATS **
MEDIAN (MID PT) => 446.00  MODE => 520.00  FREQ => 3
DISPERSION => 0.16  SKEWNESS => 4.35

STANDARD ERROR (MEAN) => 2.16
** 95% CONFIDENCE INTERVAL => 590.93 THRU 599.38

CORRELATION BETWEEN THE TWO FACTORS XY IS 0.5266
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO =
TOTAL SUBPOPULATION MUST BE LESS THAN 5000

SAT VERBAL VS. SAT COMPOSITE

YOUR X POPULATION OF 1907 ELEMENTS HAS A MEAN OF 523.991 A VARIANCE OF 7071.571 AND STANDARD DEVIATION OF 84.093
THE DATA RANGE IS FROM 220.00 TO 780.00

** OTHER IMPORTANT STATS **
MEDIAN(HID PT) => 550.00 MODE => 610.00 FREQ= 4
DISPERSION => 0.16 SKEWNESS => 0.84

STANDARD ERROR(MEAN) => 1.93
** 95% CONFIDENCE INTERVAL => 520.22 THRU 527.77

YOUR Y POPULATION OF 1907 ELEMENTS HAS A MEAN OF 1419.428 A VARIANCE OF 24237.583 AND STANDARD DEVIATION OF 155.845
THE DATA RANGE IS FROM 376.00 TO 1540.00

** OTHER IMPORTANT STATS **
MEDIAN(HID PT) => 958.00 MODE => 1290.00 FREQ= 3
DISPERSION => 0.14 SKEWNESS => 3.10

STANDARD ERROR(MEAN) => 3.57
** 95% CONFIDENCE INTERVAL => 1112.13 THRU 1126.12

CORRELATION BETWEEN THE TWO FACTORS X:Y IS 0.8579
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO

Copy available to DTIC does not permit fully legible reproduction
SAT VERBAL VS. ACT

YOUR X POPULATION OF 236 ELEMENTS HAS A MEAN OF 531.617 WITH A VARIANCE OF 7942.985 AND STANDARD DEVIATION OF 87.123.
THE DATA RANGE IS FROM 260.00 TO 740.00

** OTHER IMPORTANT STATS **
MEDIAN(MID PT) => 510.00 MODE => 510.00 FREQ => 3
DISPERSION => 0.19 SKEWNESS => 0.73

STANDARD ERROR(MEAN) => 5.80
** 95% CONFIDENCE INTERVAL => 520.25 THRU 542.79

YOUR Y POPULATION OF 236 ELEMENTS HAS A MEAN OF 27.258 WITH A VARIANCE OF 13.825 AND STANDARD DEVIATION OF 3.736.
THE DATA RANGE IS FROM 10.00 TO 32.00

** OTHER IMPORTANT STATS **
MEDIAN(MID PT) => 20.50 MODE => 29.00 FREQ => 3
DISPERSION => 0.12 SKEWNESS => 0.60

STANDARD ERROR(MEAN) => 0.20
** 95% CONFIDENCE INTERVAL => 26.66 THRU 27.66

CORRELATION BETWEEN THE TWO FACTORS X:Y IS 0.7443
DO YOU WANT ANOTHER RUN OF THE PROGRAM YESS OR NO
TOTAL SUBPOPULATION MUST BE LESS THAN 5000

SAT VERBAL VS. SAT EQUIVALENT

YOUR X POPULATION OF 1908 ELEMENTS HAS A MEAN OF 524.005 A VARIANCE OF 7068.221 AND STANDARD DEVIATION OF 84.073
THE DATA RANGE IS FROM 220.00 TO 780.00

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) => 500.00 MODE => 610.00 FREQ- 4
DISPERSION => 0.16 SKEWNESS => 0.86

STANDARD ERROR(MEAN) => 1.92
** 95% CONFIDENCE INTERVAL => 520.23 THRU 527.78

YOUR Y POPULATION OF 1908 ELEMENTS HAS A MEAN OF 1127.696 A VARIANCE OF 24232.687 AND STANDARD DEVIATION OF 155.669
THE DATA RANGE IS FROM 680.00 TO 1540.00

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) => 1110.00 MODE => 1290.00 FREQ- 3
DISPERSION => 0.14 SKEWNESS => 0.34

STANDARD ERROR(MEAN) => 3.56
** 95% CONFIDENCE INTERVAL => 1120.71 THRU 1134.68

CORRELATION BETWEEN THE TWO FACTORS X:Y IS 0.8373
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO
TOTAL SUBPOPULATION MUST BE LESS THAN 5000

SAT VERBAL VS. AFOQT ACADEMIC ABILITY

YOUR X POPULATION OF 1908 ELEMENTS HAS A MEAN OF 524.005 A VARIANCE OF 7068.221 AND STANDARD DEVIATION OF 84.073
THE DATA RANGE IS FROM 220.00 TO 780.00

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) => 500.00 MODE => 610.00 FREQ- 4
DISPERSION => 0.16 SKEWNESS => 0.86

YOUR Y POPULATION OF 1908 ELEMENTS HAS A MEAN OF 64.254 A VARIANCE OF 474.134 AND STANDARD DEVIATION OF 21.775
THE DATA RANGE IS FROM 10.00 TO 99.00

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) => 54.50 MODE => 95.00 FREQ- 3
DISPERSION => 0.34 SKEWNESS => 1.34

STANDARD ERROR(MEAN) => 0.50
** 95% CONFIDENCE INTERVAL => 63.28 THRU 65.23

CORRELATION BETWEEN THE TWO FACTORS X#Y IS 0.7157
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO
TOTAL SURPOPULATION MUST BE LESS THAN 5000

SAT VERBAL VS AFOQT PILOT

YOUR X POPULATION OF 1908 ELEMENTS HAS A MEAN OF 524.005 A VARIANCE OF 7068.221 AND STANDARD DEVIATION OF 84.073
THE DATA RANGE IS FROM 220.00 TO 780.00

** OTHER IMPORTANT STATS **
MEDIAN (MID PT) => 500.00 MODE => 610.00 FREQ= 4
DISPERSION => 0.16 SKEWNESS => 0.86

STANDARD ERROR (MEAN) => 1.92
** 95% CONFIDENCE INTERVAL => 520.23 THRU 527.78

YOUR Y POPULATION OF 1908 ELEMENTS HAS A MEAN OF 59.932 A VARIANCE OF 455.194 AND STANDARD DEVIATION OF 21.335
THE DATA RANGE IS FROM 2.00 TO 99.00

** OTHER IMPORTANT STATS **
MEDIAN (MID PT) => 50.50 MODE => 67.00 FREQ= 2
DISPERSION => 0.36 SKEWNESS => 1.33

STANDARD ERROR (MEAN) => 0.49
** 95% CONFIDENCE INTERVAL => 58.98 THRU 60.89

CORRELATION BETWEEN THE TWO FACTORS X Y IS 0.2373
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO
TOTAL SUBPOPULATION MUST BE LESS THAN 5000

SAT VERBAL VS. AFOQT NAV

YOUR X POPULATION OF 1908 ELEMENTS HAS A MEAN OF 524.005 A VARIANCE OF 7068.224 AND STANDARD DEVIATION OF 84.073
THE DATA RANGE IS FROM 220.00 TO 780.00

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) = 500.00 MODE = 610.00 FREQ- 4
DISPERSION = 0.16 SKEWNESS = 0.86

STANDARD ERROR(MEAN) = 1.92
** 95% CONFIDENCE INTERVAL = 520.23 THRU 527.78

YOUR Y POPULATION OF 1908 ELEMENTS HAS A MEAN OF 62.908 A VARIANCE OF 464.119 AND STANDARD DEVIATION OF 21.543
THE DATA RANGE IS FROM 4.00 TO 99.00

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) = 51.50 MODE = 76.00 FREQ- 3
DISPERSION = 0.34 SKEWNESS = 1.59

STANDARD ERROR(MEAN) = 0.49
** 95% CONFIDENCE INTERVAL = 61.94 THRU 63.87

CORRELATION BETWEEN THE TWO FACTORS X;Y IS 0.3258
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO
TOTAL SUBPOPULATION MUST BE LESS THAN 5000

SAT VERBAL VS. AFOQT VERBAL

YOUR X POPULATION OF 1908 ELEMENTS HAS A MEAN OF 524.005 A VARIANCE OF 7068.221 AND STANDARD DEVIATION OF 84.073
THE DATA RANGE IS FROM 220.00 TO 780.00

** OTHER IMPORTANT STATS **
MEDIAN (MID PT) = 500.00 MODE = 610.00 FREQ = 4
DISPERSION = 0.16 SKEWNESS = 0.86

STANDARD ERROR (MEAN) = 1.92
** 95% CONFIDENCE INTERVAL = 520.23 THRU 527.78

YOUR Y POPULATION OF 1908 ELEMENTS HAS A MEAN OF 62.008 A VARIANCE OF 526.668 AND STANDARD DEVIATION OF 22.949
THE DATA RANGE IS FROM 15.00 TO 99.00

** OTHER IMPORTANT STATS **
MEDIAN (MID PT) = 57.00 MODE = 99.00 FREQ = 3
DISPERSION = 0.37 SKEWNESS = 0.65

STANDARD ERROR (MEAN) = 0.53
** 95% CONFIDENCE INTERVAL = 60.98 THRU 63.04

CORRELATION BETWEEN THE TWO FACTORS X & Y IS 0.7717
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO =

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TOTAL SUBPOPULATION MUST BE LESS THAN 5000

SAT VERBAL VS. AFOQT QUANTATIVE

YOUR X POPULATION OF 1908 ELEMENTS HAS A MEAN OF 524.005 A VARIANCE OF 7048.221 AND STANDARD DEVIATION OF 84.073.
THE DATA RANGE IS FROM 220.00 TO 780.00

** OTHER IMPORTANT STATS **
MEDIAN(MID PT) => 500.00 MODE => 610.00 FREQ=4
DISPERSION => 0.16 SKEWNESS => 0.86

STANDARD ERROR(MEAN) => 1.92
** 95% CONFIDENCE INTERVAL => 520.23 THRU 527.78

YOUR Y POPULATION OF 1908 ELEMENTS HAS A MEAN OF 64.695 A VARIANCE OF 465.294 AND STANDARD DEVIATION OF 21.571.
THE DATA RANGE IS FROM 10.00 TO 99.00

** OTHER IMPORTANT STATS **
MEDIAN(MID PT) => 54.50 MODE => 80.00 FREQ=4
DISPERSION => 0.33 SKEWNESS => 1.42

STANDARD ERROR(MEAN) => 0.49
** 95% CONFIDENCE INTERVAL => 63.73 THRU 65.66

CORRELATION BETWEEN THE TWO FACTORS XY IS 0.4290
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO
TOTAL SUBPOPULATION MUST BE LESS THAN 5000

SAT VERBAL VS GPA

YOUR X POPULATION OF 1906 ELEMENTS HAS A MEAN OF 523.946 A VARIANCE OF 7072.238 AND STANDARD DEVIATION OF 84.097
THE DATA RANGE IS FROM 220.00 TO 780.00

** OTHER IMPORTANT STATS **
MEDIAN (MID PT) = 500.00 MODE = 610.00 FREQ = 4
DISPERSION = 0.16 SKEWNESS = 0.85

STANDARD ERROR (MEAN) = 1.93
** 95% CONFIDENCE INTERVAL = 520.17 THRU 527.72

YOUR Y POPULATION OF 1906 ELEMENTS HAS A MEAN OF 2.896 A VARIANCE OF 0.210 AND STANDARD DEVIATION OF 0.459
THE DATA RANGE IS FROM 1.80 TO 4.00

** OTHER IMPORTANT STATS **
MEDIAN (MID PT) = 2.90 MODE = 3.00 FREQ = 2
DISPERSION = 0.16 SKEWNESS = -0.02

STANDARD ERROR (MEAN) = 0.01
** 95% CONFIDENCE INTERVAL = 2.88 THRU 2.92

CORRELATION BETWEEN THE TWO FACTORS X;Y IS 0.1931
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO
TOTAL SUBPOPULATION MUST BE LESS THAN 5000

SAT MATH VS. SAT COMPOSITE

YOUR X POPULATION OF 1907 ELEMENTS HAS A MEAN OF 595.137 A VARIANCE OF 6874.259 AND STANDARD DEVIATION OF 94.203
THE DATA RANGE IS FROM 92.00 TO 800.00

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) => 446.00 MODE => 520.00 FREQ => 3
DISPERSION => 0.16 SKEWNESS => 4.75

STANDARD ERROR(MEAN) => 2.16
** 95% CONFIDENCE INTERVAL => 590.91 THRU 599.36

YOUR Y POPULATION OF 1907 ELEMENTS HAS A MEAN OF 1119.128 A VARIANCE OF 24287.583 AND STANDARD DEVIATION OF 155.845
THE DATA RANGE IS FROM 376.00 TO 1540.00

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) => 958.00 MODE => 1290.00 FREQ => 3
DISPERSION => 0.14 SKEWNESS => 3.10

STANDARD ERROR(MEAN) => 3.57
** 95% CONFIDENCE INTERVAL => 1112.13 THRU 1126.12

CORRELATION BETWEEN THE TWO FACTORS X:Y IS 0.8886
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO
TOTAL SUBPOPULATION MUST BE LESS THAN 5000

SAT MATH VS. ACT

YOUR X POPULATION OF 236 ELEMENTS HAS A MEAN OF 608.271 A VARIANCE OF 8802.403 AND STANDARD DEVIATION OF 93.821
THE DATA RANGE IS FROM 92.00 TO 780.00

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) => 436.00 MODE => 700.00 FREQ- 2
DISPERSION => 0.15 SKEWNESS => 5.51

STANDARD ERROR(MEAN) => 6.11
** 95% CONFIDENCE INTERVAL => 596.30 THRU 620.24

YOUR Y POPULATION OF 236 ELEMENTS HAS A MEAN OF 27.258 A VARIANCE OF 9.835 AND STANDARD DEVIATION OF 3.136
THE DATA RANGE IS FROM 15.00 TO 32.00

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) => 23.50 MODE => 29.00 FREQ- 3
DISPERSION => 0.12 SKEWNESS => 3.60

STANDARD ERROR(MEAN) => 0.20
** 95% CONFIDENCE INTERVAL => 26.86 THRU 27.66

CORRELATION BETWEEN THE TWO FACTORS X;Y IS 0.7017
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO
TOTAL SUBPOPULATION MUST BE LESS THAN 5000

SAT MATH VS. SAT EQUIVALENT

YOUR X POPULATION OF 1900 ELEMENTS HAS A MEAN OF 395.155 A VARIANCE OF 8870.244 AND STANDARD DEVIATION OF 94.182
THE DATA RANGE IS FROM 92.00 TO 600.00

**OTHER IMPORTANT STATS**
MEDIAN (MID PT) = 446.00 MODE = 520.00 FREQ = 3
DISPERSION = 0.16 SKEWNESS = 4.75

STANDARD ERROR (MEAN) = 2.16
**95% CONFIDENCE INTERVAL = 590.93 THRU 599.38

YOUR Y POPULATION OF 1900 ELEMENTS HAS A MEAN OF 1127.696 A VARIANCE OF 24232.867 AND STANDARD DEVIATION OF 155.669
THE DATA RANGE IS FROM 680.00 TO 1540.00

**OTHER IMPORTANT STATS**
MEDIAN (MID PT) = 1110.00 MODE = 1290.00 FREQ = 3
DISPERSION = 0.14 SKEWNESS = 0.34

STANDARD ERROR (MEAN) = 3.56
**95% CONFIDENCE INTERVAL = 1120.71 THRU 1134.68

CORRELATION BETWEEN THE TWO FACTORS X;Y IS 0.8660
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO
TOTAL SUBPOPULATION MUST BE LESS THAN 5000

SAT MATH VS. AFOQT ACADEMIC ABILITY

YOUR X POPULATION OF 1908 ELEMENTS HAS A MEAN OF 595.135 A VARIANCE OF 8870.244 AND STANDARD DEVIATION OF 94.182. THE DATA RANGE IS FROM 92.00 TO 800.00.

** OTHER IMPORTANT STATS **
MEDIAN (MID PT) = 446.00  MODE = 520.00  FREQ = 3
DISPERSION = 0.16  SKEWNESS = 4.75

STANDARD ERROR (MEAN) = 2.16
** 95% CONFIDENCE INTERVAL = 580.93 THRU 599.38

YOUR Y POPULATION OF 1908 ELEMENTS HAS A MEAN OF 64.254 A VARIANCE OF 474.134 AND STANDARD DEVIATION OF 21.775. THE DATA RANGE IS FROM 10.00 TO 99.00.

** OTHER IMPORTANT STATS **
MEDIAN (MID PT) = 54.50  MODE = 95.00  FREQ = 3
DISPERSION = 0.34  SKEWNESS = 1.34

STANDARD ERROR (MEAN) = 0.50
** 95% CONFIDENCE INTERVAL = 63.28 THRU 65.23

CORRELATION BETWEEN THE TWO FACTORS X:Y IS 0.6869.
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO.
TOTAL SUBPOPULATION MUST BE LESS THAN 5000

SAT MATH VS. AFOQT PILOT

YOUR X POPULATION OF 1908 ELEMENTS HAS A MEAN OF 595.155 A VARIANCE OF 8870.244 AND STANDARD DEVIATION OF 94.182. THE DATA RANGE IS FROM 92.00 TO 800.00.

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) => 446.00  MODE => 520.00  FREQ=> 3
DISPERSION => 0.16  SKEWNESS => 4.75

STANDARD ERROR(MEAN) => 2.46

** 95% CONFIDENCE INTERVAL => 590.93 THRU 599.38

YOUR Y POPULATION OF 1908 ELEMENTS HAS A MEAN OF 59.932 A VARIANCE OF 455.194 AND STANDARD DEVIATION OF 21.335. THE DATA RANGE IS FROM 2.00 TO 99.00.

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) => 50.50  MODE => 67.00  FREQ=> 2
DISPERSION => 0.36  SKEWNESS => 1.33

STANDARD ERROR(MEAN) => 0.49
** 95% CONFIDENCE INTERVAL => 58.98 THRU 60.89

CORRELATION BETWEEN THE TWO FACTORS X;Y IS 0.4491
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO
TOTAL SUBPOPULATION MUST BE LESS THAN 5000

SAT MATH VS. AFOQT NAVIGATOR

YOUR X POPULATION OF 1908 ELEMENTS HAS A MEAN OF 595.155 A VARIANCE OF 8870.244 AND STANDARD DEVIATION OF 94.182
THE DATA RANGE IS FROM 92.00 TO 800.00

** OTHER IMPORTANT STATS **
MEDIAN(MID PT) = 446.00 MODE = 520.00 FREQ= 3
DISPERSION = 0.16 SKEWNESS = 4.75

STANDARD ERROR(MEAN) = 2.16
** 95% CONFIDENCE INTERVAL = 590.93 THRU 599.38

YOUR Y POPULATION OF 1908 ELEMENTS HAS A MEAN OF 62.908 A VARIANCE OF 464.119 AND STANDARD DEVIATION OF 21.543
THE DATA RANGE IS FROM 4.00 TO 99.00

** OTHER IMPORTANT STATS **
MEDIAN(MID PT) = 54.50 MODE = 76.00 FREQ= 3
DISPERSION = 0.34 SKEWNESS = 1.59

STANDARD ERROR(MEAN) = 0.49
** 95% CONFIDENCE INTERVAL = 61.94 THRU 63.87

CORRELATION BETWEEN THE TWO FACTORS X:Y IS 0.6145.
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NJ
TOTAL SUBPOPULATION MUST BE LESS THAN 5000

SAT MATH VS. AFQQT VERBAL

YOUR X POPULATION OF 1908 ELEMENTS HAS A MEAN OF 595.155 A VARIANCE OF 8870.244 AND STANDARD DEVIATION OF 94.182
THE DATA RANGE IS FROM 92.00 TO 800.00

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) => 520.00 MODE => 520.00 FREQ => 3
DISPERSION => 0.16 SKEWNESS => 4.75

STANDARD ERROR(MEAN) => 2.16
** 95% CONFIDENCE INTERVAL => 590.93 THRU 599.38

YOUR Y POPULATION OF 1908 ELEMENTS HAS A MEAN OF 62.008 A VARIANCE OF 528.668 AND STANDARD DEVIATION OF 22.949
THE DATA RANGE IS FROM 15.00 TO 99.00

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) => 99.00 MODE => 99.00 FREQ => 3
DISPERSION => 0.37 SKEWNESS => 0.65

STANDARD ERROR(MEAN) => 0.53
** 95% CONFIDENCE INTERVAL => 60.98 THRU 63.04

CORRELATION BETWEEN THE TWO FACTORS X;Y IS 0.4729
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO
TOTAL SUBPOPULATION MUST BE LESS THAN 5000

SAT MATH VS. AFOQT QUANTITIVE

YOUR X POPULATION OF 1908 ELEMENTS HAS A MEAN OF 595.155 A VARIANCE OF 8870.244 AND STANDARD DEVIATION OF 94.182
THE DATA RANGE IS FROM 92.00 TO 800.00

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) => 446.00 MODE => 520.00 FREQ => 3
DISPERSION => 0.16 SKWNESS => 4.75

STANDARD ERROR(MEAN) => 2.16
** 95% CONFIDENCE INTERVAL => 590.93 THRU 599.38

YOUR Y POPULATION OF 1908 ELEMENTS HAS A MEAN OF 64.695 A VARIANCE OF 465.294 AND STANDARD DEVIATION OF 21.571
THE DATA RANGE IS FROM 10.00 TO 99.00

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) => 54.50 MODE => 80.00 FREQ => 4
DISPERSION => 0.33 SKWNESS => 1.42

STANDARD ERROR(MEAN) => 0.49
** 95% CONFIDENCE INTERVAL => 63.73 THRU 65.66

CORRELATION BETWEEN THE TWO FACTORS X:Y IS 0.7097
DO YOU WANT ANOTHER RUN OF THE Program YES OR NO
TOTAL SUBPOPULATION MUST BE LESS THAN 5000

SAT MATH VS. GPA

YOUR X POPULATION OF 1906 ELEMENTS HAS A MEAN OF 595.466 A VARIANCE OF 8875.010 AND STANDARD DEVIATION OF 94.207
THE DATA RANGE IS FROM 92.00 TO 800.00

** OTHER IMPORTANT STATS ***
MIDIAN(MID PT) => 446.00 MODE => 520.00 FREQ- 3
DISPERSION => 0.16 SKEWNESS => 4.75

STANDARD ERROR(MEAN) => 2.16
** 95% CONFIDENCE INTERVAL => 590.94 THRU 599.40

YOUR Y POPULATION OF 1906 ELEMENTS HAS A MEAN OF 2.896 A VARIANCE OF 0.210 AND STANDARD DEVIATION OF 0.459
THE DATA RANGE IS FROM 1.80 TO 4.00

** OTHER IMPORTANT STATS ***
MIDIAN(MID PT) => 2.90 MODE => 3.00 FREQ- 2
DISPERSION => 0.16 SKEWNESS => -0.02

STANDARD ERROR(MEAN) => 0.01
** 95% CONFIDENCE INTERVAL => 2.68 THRU 2.92

CORRELATION BETWEEN THE TWO FACTORS X:Y IS 0.2195
DO YOU WANT ANOTHER RUN OF THE PROGRAM -YES OR NO
TOTAL SUBPOPULATION MUST BE LESS THAN 5000

SAT COMPOSITE VS. ACT

YOUR X POPULATION OF 236 ELEMENTS HAS A MEAN OF 1399.89 A VARIANCE OF 25086.876 AND STANDARD DEVIATION OF 158.388
THE DATA RANGE IS FROM 376.00 TO 1471.00

** OTHER IMPORTANT STATS **
MEDIAN(MID PT) = 923.50 MODE = 1180.00 FREQ- 3
DISPERSION = 0.14 SKEWNESS = 4.10

YOUR Y POPULATION OF 236 ELEMENTS HAS A MEAN OF 272.58 A VARIANCE OF 9.835 AND STANDARD DEVIATION OF 3.136
THE DATA RANGE IS FROM 15.00 TO 32.00

** OTHER IMPORTANT STATS **
MEDIAN(MID PT) = 23.50 MODE = 29.00 FREQ- 3
DISPERSION = 0.12 SKEWNESS = 3.60

STANDARD ERROR(MEAN) = 0.20
** 95% CONFIDENCE INTERVAL = 26.66 THRU 27.66

CORRELATION BETWEEN THE TWO FACTORS X:Y IS 0.8344
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO?
TOTAL SUBPOPULATION MUST BE LESS THAN 5000

SAT COMPOSITE VS. SAT EQUIVALENT

YOUR X POPULATION OF 1907 ELEMENTS HAS A MEAN OF 1119.128 A VARIANCE OF 24287.583 AND STANDARD DEVIATION OF 155.845
THE DATA RANGE IS FROM 376.00 TO 1540.00

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) => 958.00 MODE => 1290.00 FREQ => 3
DISPERSION => 0.14 SKEWNESS => 3.10

YOUR Y POPULATION OF 1907 ELEMENTS HAS A MEAN OF 1127.669 A VARIANCE OF 24244.173 AND STANDARD DEVIATION OF 155.705
THE DATA RANGE IS FROM 680.00 TO 1540.00

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) => 1110.00 MODE => 1290.00 FREQ => 3
DISPERSION => 0.14 SKEWNESS => 0.34

STANDARD ERROR(MEAN) => 3.57
** 95% CONFIDENCE INTERVAL => 1120.68 THRU 1134.66

CORRELATION BETWEEN THE TWO FACTORS X & Y IS 0.9752
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO
TOTAL SUBPOPULATION MUST BE LESS THAN 5000

SAT COMPOSITE VS. AFOQT ACADEMIC ABILITY

YOUR X POPULATION OF 1907 ELEMENTS HAS A MEAN OF 1119.128 A VARIANCE OF 24287.583 AND STANDARD DEVIATION OF 155.845
THE DATA RANGE IS FROM 376.00 TO 1540.00

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) => 958.00 MODE => 1290.00 FREQ- 3
DISPERSION => 0.14 SKEWNESS => 3.10

YOUR Y POPULATION OF 1907 ELEMENTS HAS A MEAN OF 64.252 A VARIANCE OF 474.371 AND STANDARD DEVIATION OF 21.780
THE DATA RANGE IS FROM 10.00 TO 99.00

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) => 54.50 MODE => 95.00 FREQ- 3
DISPERSION => 0.34 SKEWNESS => 1.34

STANDARD ERROR(MEAN) => 0.50
** 95% CONFIDENCE INTERVAL => 63.27 THRU 65.23

CORRELATION BETWEEN THE TWO FACTORS X;Y IS 0.8014
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO
TOTAL SUBPOPULATION MUST BE LESS THAN 5000

SAT COMPOSITE VS. AFOQT PILOT

YOUR X POPULATION OF 1907 ELEMENTS HAS A MEAN OF 1119.128 A VARIANCE OF 24267.583 AND STANDARD DEVIATION OF 155.845
THE DATA RANGE IS FROM 376.00 TO 1540.00

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) => 958.00 MODE => 1290.00 FREQ- 3
DISPERSION => 0.14 SKEWNESS => 3.10

STANDARD ERROR(MEAN) => 3.57
** 95% CONFIDENCE INTERVAL => 1112.13 THRU 1126.12

YOUR Y POPULATION OF 1907 ELEMENTS HAS A MEAN OF 59.935 A VARIANCE OF 455.420 AND STANDARD DEVIATION OF 21.341
THE DATA RANGE IS FROM 2.00 TO 99.00

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) => 50.50 MODE => 67.00 FREQ- 2
DISPERSION => 0.36 SKEWNESS => 1.33

STANDARD ERROR(MEAN) => 0.49
** 95% CONFIDENCE INTERVAL => 58.98 THRU 60.89

CORRELATION BETWEEN THE TWO FACTORS X;Y IS 0.3996
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO
TOTAL SUBPOPULATION MUST BE LESS THAN 5000

SAT COMPOSITE VS. AFOQT NAVIGATOR

YOUR X POPULATION OF 1907 ELEMENTS HAS A MEAN OF 1119.129 A VARIANCE
OF 24287.583 AND STANDARD DEVIATION OF 155.845
THE DATA RANGE IS FROM 376.00 TO 1540.00

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) => 950.00  MODE => 1290.00  FREQ => 3
DISPERSION => 0.14  SKEWNESS => 3.10

STANDARD ERROR(MEAN) => 3.57
** 95% CONFIDENCE INTERVAL => 1112.13 THRU 1126.12

YOUR Y POPULATION OF 1907 ELEMENTS HAS A MEAN OF 62.905 A VARIANCE
OF 464.343 AND STANDARD DEVIATION OF 21.549
THE DATA RANGE IS FROM 4.00 TO 99.00

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) => 51.50  MODE => 76.00  FREQ => 3
DISPERSION => 0.34  SKEWNESS => 1.59

STANDARD ERROR(MEAN) => 0.49
** 95% CONFIDENCE INTERVAL => 61.94 THRU 63.67

CORRELATION BETWEEN THE TWO FACTORS X:Y IS 0.5472
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO
TOTAL SUBPOPULATION MUST BE LESS THAN 5000

SAT COMPOSITE VS. AFOQT VERBAL

YOUR X POPULATION OF 1907 ELEMENTS HAS A MEAN OF 1119.128 A VARIANCE OF 24287.583 AND STANDARD DEVIATION OF 155.845
THE DATA RANGE IS FROM 376.00 TO 1540.00

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) => 958.00 MODE => 1270.00 FREQ= 3
DISPERSION => 0.14 SKEWNESS => 3.10

STANDARD ERROR(MEAN) => 3.57
** 95% CONFIDENCE INTERVAL => 1112.13 THRU 1126.12

YOUR Y POPULATION OF 1907 ELEMENTS HAS A MEAN OF 62.007 A VARIANCE OF 526.942 AND STANDARD DEVIATION OF 22.955
THE DATA RANGE IS FROM 15.00 TO 99.00

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) => 57.00 MODE => 99.00 FREQ= 3
DISPERSION => 0.37 SKEWNESS => 0.65

STANDARD ERROR(MEAN) => 0.53
** 95% CONFIDENCE INTERVAL => 60.98 THRU 63.04

CORRELATION BETWEEN THE TWO FACTORS X Y IS 0.7023
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO
TOTAL SUBPOPULATION MUST BE LESS THAN 5000

SAT COMPOSITE VS. AFOQT QUANTATIVE

YOUR X POPULATION OF 1907 ELEMENTS HAS A MEAN OF 1119.128 A VARIANCE OF 24287.933 AND STANDARD DEVIATION OF 155.845
THE DATA RANGE IS FROM 376.00 TO 1540.00

** OTHER IMPORTANT STATS **
MEDIAN(MID PT) => 956.00 MODE => 1290.00 FREQ=> 3
DISPERSION => 0.14 SKEWNESS => 3.10

STANDARD ERROR(MEAN) => 3.57
** 95% CONFIDENCE INTERVAL => 1112.13 THRU 1126.12

YOUR Y POPULATION OF 1907 ELEMENTS HAS A MEAN OF 64.690 A VARIANCE OF 465.483 AND STANDARD DEVIATION OF 21.575
THE DATA RANGE IS FROM 10.00 TO 97.00

** OTHER IMPORTANT STATS **
MEDIAN(MID PT) => 54.50 MODE => 80.00 FREQ=> 4
DISPERSION => 0.33 SKEWNESS => 1.42

STANDARD ERROR(MEAN) => 0.49
** 95% CONFIDENCE INTERVAL => 63.72 THRU 65.66

CORRELATION BETWEEN THE TWO FACTORS X:Y IS 0.6604
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO
TOTAL SUBPOPULATION MUST BE LESS THAN 5000

SAT COMPOSITE VS. GPA

YOUR X POPULATION OF 1905 ELEMENTS HAS A MEAN OF 1119.000 A VARIANCE OF 24304.962 AND STANDARD DEVIATION OF 155.900
THE DATA RANGE IS FROM 376.00 TO 1540.00

** OTHER IMPORTANT STATS ***
MEDIAN (MID PT) => 958.00 MODE => 1290.00 FREQ- 3
DISPERSION => 0.14 SKEWNESS => 3.10

STANDARD ERROR (MEAN) => 3.57
** 95% CONFIDENCE INTERVAL => 1112.08 THRU 1126.08

YOUR Y POPULATION OF 1905 ELEMENTS HAS A MEAN OF 2.897 A VARIANCE OF 0.210 AND STANDARD DEVIATION OF 0.458
THE DATA RANGE IS FROM 4.00 TO 4.00

** OTHER IMPORTANT STATS ***
MEDIAN (MID PT) => 2.90 MODE => 3.00 FREQ- 2
DISPERSION => 0.16 SKEWNESS => -0.02

STANDARD ERROR (MEAN) => 0.01
** 95% CONFIDENCE INTERVAL => 2.88 THRU 2.92

CORRELATION BETWEEN THE TWO FACTORS X;Y IS 0.2372
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO
TOTAL SUBPOPULATION MUST BE LESS THAN 5000

ACT VS. SAT EQUIVALENT

YOUR X POPULATION OF 1240 ELEMENTS HAS A MEAN OF 25.620 A VARIANCE OF 13.572 AND STANDARD DEVIATION OF 3.684. THE DATA RANGE IS FROM 9.00 TO 34.00.

** OTHER IMPORTANT STATS  
MEDIAN (MID PT) = > 21.50 MODE = > 29.00 FREQ= 3
DISPERSION = > 0.14 SKEWNESS = > 3.36

STANDARD ERROR (MEAN) = > 0.10  
** 95% CONFIDENCE INTERVAL = > 25.42 THRU 25.83

YOUR Y POPULATION OF 1240 ELEMENTS HAS A MEAN OF 1133.352 A VARIANCE OF 23494.025 AND STANDARD DEVIATION OF 153.278.
THE DATA RANGE IS FROM 567.00 TO 1555.00.

** OTHER IMPORTANT STATS  
MEDIAN (MID PT) = > 1061.00 MODE = > 1090.00 FREQ= 3
DISPERSION = > 0.14 SKEWNESS = > 1.42

STANDARD ERROR (MEAN) = > 4.35  
** 95% CONFIDENCE INTERVAL = > 1124.82 THRU 1141.88

CORRELATION BETWEEN THE TWO FACTORS X:Y IS 0.9870.
DO YOU WANT ANOTHER RUN OF THE PROGRAM? YES OR NO
TOTAL SUBPOPULATION MUST BE LESS THAN 5000

ACT VS. AFOQT ACADEMIC ABILITY

YOUR X POPULATION OF 1240 ELEMENTS HAS A MEAN OF 25.620 A VARIANCE OF 13.572 AND STANDARD DEVIATION OF 3.684
THE DATA RANGE IS FROM 9.00 TO 34.00

** OTHER IMPORTANT STATS **
MEDIAN(MID PT) = 21.50 MODE = 29.00 FREQ- 3
DISPERSION = 0.14 SKEWNESS = 3.36

STANDARD ERROR(MEAN) = 0.10
** 95% CONFIDENCE INTERVAL = 25.42 THRU 25.83

YOUR Y POPULATION OF 1240 ELEMENTS HAS A MEAN OF 60.406 A VARIANCE OF 470.571 AND STANDARD DEVIATION OF 21.693
THE DATA RANGE IS FROM 10.00 TO 99.00

** OTHER IMPORTANT STATS **
MEDIAN(MID PT) = 54.50 MODE = 95.00 FREQ- 3
DISPERSION = 0.36 SKEWNESS = 0.82

STANDARD ERROR(MEAN) = 0.62
** 95% CONFIDENCE INTERVAL = 59.20 THRU 61.61

CORRELATION BETWEEN THE TWO FACTORS X;Y IS 0.8039
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO
TOTAL SUBPOPULATION MUST BE LESS THAN 5000

ACT VS. AFOQT PILOT

YOUR X POPULATION OF 1240 ELEMENTS HAS A MEAN OF 25.620 A VARIANCE OF 13.572 AND STANDARD DEVIATION OF 3.684
THE DATA RANGE IS FROM 9.00 TO 34.00

** OTHER IMPORTANT STATS **
MEDIAN(MID PT) = 21.50 MODE = 29.00 FREQ = 3
DISPERSION = 0.14 SKEWNESS = 3.36

STANDARD ERROR(MEAN) = 0.10
** 95% CONFIDENCE INTERVAL = 25.42 THRU 25.83

YOUR Y POPULATION OF 1240 ELEMENTS HAS A MEAN OF 60.836 A VARIANCE OF 436.544 AND STANDARD DEVIATION OF 20.894
THE DATA RANGE IS FROM 6.00 TO 99.00

** OTHER IMPORTANT STATS **
MEDIAN(MID PT) = 52.50 MODE = 67.00 FREQ = 2
DISPERSION = 0.34 SKEWNESS = 1.20

STANDARD ERROR(MEAN) = 0.59
** 95% CONFIDENCE INTERVAL = 59.67 THRU 62.00

CORRELATION BETWEEN THE TWO FACTORS X;Y IS 0.4156
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO
TOTAL SUBPOPULATION MUST BE LESS THAN 5000

ACT VS. AFOQT NAVIGATOR

YOUR X POPULATION OF 1240 ELEMENTS HAS A MEAN OF 25.620 A VARIANCE OF 13.572 AND STANDARD DEVIATION OF 3.684
THE DATA RANGE IS FROM 9.00 TO 34.00

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) => 21.50 MODE => 29.00 FREQ 3
DISPERSION => 0.14 SKEWNESS => 3.36

STANDARD ERROR(MEAN) => 0.10
** 95% CONFIDENCE INTERVAL => 25.42 THRU 25.83

YOUR Y POPULATION OF 1240 ELEMENTS HAS A MEAN OF 63.008 A VARIANCE OF 446.980 AND STANDARD DEVIATION OF 21.142
THE DATA RANGE IS FROM 8.00 TO 99.00

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) => 53.50 MODE => 90.00 FREQ 2
DISPERSION => 0.34 SKEWNESS => 1.35

STANDARD ERROR(MEAN) => 0.60
** 95% CONFIDENCE INTERVAL => 61.83 THRU 64.18

CORRELATION BETWEEN THE TWO FACTORS X;Y IS 0.566Q.
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO
TOTAL SUBPOPULATION MUST BE LESS THAN 5000

ACT VS. AFOQT QUANTATIVE

YOUR X POPULATION OF 1240 ELEMENTS HAS A MEAN OF 25.620 A VARIANCE OF 13.572 AND STANDARD DEVIATION OF 3.684
THE DATA RANGE IS FROM 9.00 TO 34.00

** OTHER IMPORTANT STATS **
MEDIAN(MID PT) => 21.50 MODE => 29.00 FREQ => 3
DISPERSION => 0.14 SKEWNESS => 3.36

YOUR Y POPULATION OF 1240 ELEMENTS HAS A MEAN OF 62.684 A VARIANCE OF 464.002 AND STANDARD DEVIATION OF 21.541
THE DATA RANGE IS FROM 10.00 TO 99.00

** OTHER IMPORTANT STATS **
MEDIAN(MID PT) => 54.50 MODE => 85.00 FREQ => 3
DISPERSION => 0.34 SKEWNESS => 1.14

STANDARD ERROR(MEAN) => 0.61
** 95% CONFIDENCE INTERVAL => 61.48 THRU 63.88

CORRELATION BETWEEN THE TWO FACTORS X Y IS 0.6826
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO
TOTAL SUBPOPULATION MUST BE LESS THAN 5000

ACT VS. GPA

YOUR X POPULATION OF 1240 ELEMENTS HAS A MEAN OF 25.620 A VARIANCE OF 13.572 AND STANDARD DEVIATION OF 3.684
THE DATA RANGE IS FROM 9.00 TO 34.00

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) => 21.50 MODE => 29.00 FREQ= 3
DISPERSION => 0.14 SKEWNESS => 3.36

YOUR Y POPULATION OF 1240 ELEMENTS HAS A MEAN OF 2.924 A VARIANCE OF 0.218 AND STANDARD DEVIATION OF 0.447
THE DATA RANGE IS FROM 2.00 TO 4.00

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) => 3.00 MODE => 2.66 FREQ= 2
DISPERSION => 0.16 SKEWNESS => -0.49

STANDARD ERROR(MEAN) => 0.01
** 95% CONFIDENCE INTERVAL => 2.90 THRU 2.95

CORRELATION BETWEEN THE TWO FACTORS X:Y IS 3.2498
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO
TOTAL SUBPOPULATION MUST BE LESS THAN 5000

ACT VS. AFOQT VERBAL

YOUR X POPULATION OF 1240 ELEMENTS HAS A MEAN OF 25.620 A VARIANCE OF 13.572 AND STANDARD DEVIATION OF 3.684
THE DATA RANGE IS FROM 9.00 TO 34.00

*** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) = 21.50 MODE = 29.00 FREQ = 3
DISPERSION = 0.14 SKEWNESS = 3.36

YOUR Y POPULATION OF 1240 ELEMENTS HAS A MEAN OF 57.456 A VARIANCE OF 500.140 AND STANDARD DEVIATION OF 22.364
THE DATA RANGE IS FROM 15.00 TO 99.00

*** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) = 57.00 MODE = 53.00 FREQ = 3
DISPERSION = 0.39 SK EWNESS = 0.06

STANDARD ERROR(MEAN) = 0.64
** 95% CONFIDENCE INTERVAL = 56.21 THRU 58.70

CORRELATION BETWEEN THE TWO FACTORS X:Y IS 0.6811
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO
TOTAL SUBPOPULATION MUST BE LESS THAN 5000

SAT EQUIVALENT VS. AFOQT ACADEMIC ABILITY

YOUR X POPULATION OF 3572 ELEMENTS HAS A MEAN OF 1095.724 A VARIANCE OF 26118.008 AND STANDARD DEVIATION OF 161.411
THE DATA RANGE IS FROM 567.00 TO 1555.00

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) => 1064.00 MODE => 1290.00 FREQ- 3
DISPERSION => 0.15 SKEWNESS => 0.64

STANDARD ERROR(MEAN) => 2.70
** 95% CONFIDENCE INTERVAL => 1040.42 THRU 1101.02

YOUR Y POPULATION OF 3572 ELEMENTS HAS A MEAN OF 59.720 A VARIANCE OF 498.025 AND STANDARD DEVIATION OF 22.316
THE DATA RANGE IS FROM 10.00 TO 99.00

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) => 54.50 MODE => 95.00 FREQ- 3
DISPERSION => 0.37 SKEWNESS => 0.70

STANDARD ERROR(MEAN) => 0.37
** 95% CONFIDENCE INTERVAL => 59.00 THRU 60.46

CORRELATION BETWEEN THE TWO FACTORS X;Y IS 0.8308
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO
TOTAL SURPOPULATION MUST BE LESS THAN 5000

SAT EQUIVALENT VS. AFOQT PILOT

YOUR X POPULATION OF 3572 ELEMENTS HAS A MEAN OF 1095.724 A VARIANCE OF 26118.008 AND STANDARD DEVIATION OF 161.611
THE DATA RANGE IS FROM 567.00 TO 1555.00

** OTHER IMPORTANT STATS **
MEDIAN(MID PT) = 1061.00 MODE = 1290.00 FREQ = 3
DISPERSION = 0.15 SKEWNESS = 0.64

STANDARD ERROR(MEAN) = 2.70
** 95% CONFIDENCE INTERVAL = 1090.42 THRU 1101.02

YOUR Y POPULATION OF 3572 ELEMENTS HAS A MEAN OF 58.767 A VARIANCE OF 465.104 AND STANDARD DEVIATION OF 21.566
THE DATA RANGE IS FROM 2.00 TO 99.00

** OTHER IMPORTANT STATS **
MEDIAN(MID PT) = 50.50 MODE = 67.00 FREQ = 2
DISPERSION = 0.37 SKEWNESS = 1.15

STANDARD ERROR(MEAN) = 0.36
** 95% CONFIDENCE INTERVAL = 58.06 THRU 59.47

CORRELATION BETWEEN THE TWO FACTORS X:Y IS 0.4416
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO
TOTAL SUBPOPULATION MUST BE LESS THAN 5000

SAT EQUIVALENT VS. AFOQT NAVIGATOR

YOUR X POPULATION OF 3572 ELEMENTS HAS A MEAN OF 1095.724 A VARIANCE OF 26118.000 AND STANDARD DEVIATION OF 161.611
THE DATA RANGE IS FROM 567.00 TO 1555.00

** OTHER IMPORTANT STATS **
MEDIAN (MID PT) =) 1061.00 MODE =) 1290.00 FREQ =) 3
DISPERSION =) 0.45 SKEWNESS =) 0.64

STANDARD ERROR (MEAN) =) 2.70
** 95% CONFIDENCE INTERVAL =) 1090.42 THRU 1101.02

YOUR Y POPULATION OF 3572 ELEMENTS HAS A MEAN OF 60.442 A VARIANCE OF 485.901 AND STANDARD DEVIATION OF 22.043
THE DATA RANGE IS FROM 4.00 TO 99.00

** OTHER IMPORTANT STATS **
MEDIAN (MID PT) =) 51.50 MODE =) 76.00 FREQ =) 3
DISPERSION =) 0.36 SKEWNESS =) 1.22

CORRELATION BETWEEN THE TWO FACTORS X;Y IS 0.5965
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO
TOTAL SUBPOPULATION MUST BE LESS THAN 5000

SAT EQUIVALENT VS. AFOQT VERBAL

YOUR X POPULATION OF 3572 ELEMENTS HAS A MEAN OF 1095.724 A VARIANCE OF 26118.008 AND STANDARD DEVIATION OF 161.611
THE DATA RANGE IS FROM 567.00 TO 1555.00

** OTHER IMPORTANT STATS **
MEDIAN(MID PT) => 1075.00 MODE => 1290.00 FREQ= 3
DISPERSION => 0.15  SKEWNESS => 0.64

STANDARD ERROR(MEAN) => 2.70
** 95% CONFIDENCE INTERVAL => 1090.42 THRU 1101.02

YOUR Y POPULATION OF 3572 ELEMENTS HAS A MEAN OF 58.309 A VARIANCE OF 528.440 AND STANDARD DEVIATION OF 22.988
THE DATA RANGE IS FROM 15.00 TO 99.00

** OTHER IMPORTANT STATS **
MEDIAN(MID PT) => 57.00 MODE => 99.00 FREQ= 3
DISPERSION => 0.39 SKEWNESS => 0.17

STANDARD ERROR(MEAN) => 0.38
** 95% CONFIDENCE INTERVAL => 57.56 THRU 59.06

CORRELATION BETWEEN THE TWO FACTORS X;Y IS 0.7056
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO
TOTAL SUBPOPULATION MUST BE LESS THAN 5000

SAT EQUIVALENT VS. AFOQT QUANTATIVE

YOUR X POPULATION OF 3572 ELEMENTS HAS A MEAN OF 1095.724 A VARIANCE OF 26118.008 AND STANDARD DEVIATION OF 161.611
THE DATA RANGE IS FROM 567.00 TO 1553.00

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) => 1061.00 MODE => 1290.00 FREQ- 3
DISPERSION => 0.15 SKEWNESS => 0.64

STANDARD ERROR(MEAN) => 2.70
** 95% CONFIDENCE INTERVAL => 1090.42 THRU 1101.02

YOUR Y POPULATION OF 3572 ELEMENTS HAS A MEAN OF 60.515 A VARIANCE OF 506.687 AND STANDARD DEVIATION OF 22.510
THE DATA RANGE IS FROM 10.00 TO 99.00

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) => 54.50 MODE => 80.00 FREQ- 4
DISPERSION => 0.37 SKEWNESS => 0.80

STANDARD ERROR(MEAN) => 0.38
** 95% CONFIDENCE INTERVAL => 59.78 THRU 61.25

CORRELATION BETWEEN THE TWO FACTORS X;Y IS 0.7089
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO
TOTAL SUBPOPULATION MUST BE LESS THAN 5000

SAT EQUIVALENT VS. GPA

YOUR X POPULATION OF 3570 ELEMENTS HAS A MEAN OF 1095.685 A VARIANCE OF 26126.798 AND STANDARD DEVIATION OF 161.638
THE DATA RANGE IS FROM 567.00 TO 1555.00

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) => 1061.00 MODE => 1290.00 FREQ- 3
DISPERSION => 0.15 SKEWNESS => 0.64

STANDARD ERROR(MEAN) => 2.71
** 95% CONFIDENCE INTERVAL => 1090.38 THRU 1100.99

YOUR Y POPULATION OF 3570 ELEMENTS HAS A MEAN OF 2.884 A VARIANCE OF 0.245 AND STANDARD DEVIATION OF 0.464
THE DATA RANGE IS FROM 1.80 TO 4.00

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) => 2.90 MODE => 3.00 FREQ- 2
DISPERSION => 0.16 SKEWNESS => -0.10

STANDARD ERROR(MEAN) => 0.01
** 95% CONFIDENCE INTERVAL => 2.87 THRU 2.90

CORRELATION BETWEEN THE TWO FACTORS X;Y IS 0.2336
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO
TOTAL SUBPOPULATION MUST BE LESS THAN 5000

AFOQT AA VS. AFOQT PILOT

YOUR X POPULATION OF 3575 ELEMENTS HAS A MEAN OF 59.722 A VARIANCE OF 498.102 AND STANDARD DEVIATION OF 22.318
THE DATA RANGE IS FROM 10.00 TO 99.00

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) => 54.50  MODE => 95.00  FREQUENCY =>
DISPERSION => 0.37  SKEWNESS => 0.70

STANDARD ERROR(MEAN) =>
** 95% CONFIDENCE INTERVAL => 58.99 THRU 60.45

YOUR Y POPULATION OF 3575 ELEMENTS HAS A MEAN OF 58.763 A VARIANCE OF 465.292 AND STANDARD DEVIATION OF 21.571
THE DATA RANGE IS FROM 2.00 TO 99.00

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) => 50.50  MODE => 67.00  FREQUENCY =>
DISPERSION => 0.37  SKEWNESS => 1.15

STANDARD ERROR(MEAN) => 0.36
** 95% CONFIDENCE INTERVAL => 58.06 THRU 59.47

CORRELATION BETWEEN THE TWO FACTORS X:Y IS 0.3318.
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO
TOTAL SUBPOPULATION MUST BE LESS THAN 5000

AFQT AA VS. AFOQT NAVIGATOR

YOUR X POPULATION OF 3575 ELEMENTS HAS A MEAN OF 59.722 A VARIANCE OF 493.102 AND STANDARD DEVIATION OF 22.318. THE DATA RANGE IS FROM 10.00 TO 99.00

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) => 54.50 MODE => 95.00 FREQ- 3
DISPERSION => 0.37 SKEWNESS => 0.70

STANDARD ERROR(MEAN) => 0.37
** 95% CONFIDENCE INTERVAL => 58.99 THRU 60.45

YOUR Y POPULATION OF 3575 ELEMENTS HAS A MEAN OF 60.433 A VARIANCE OF 466.088 AND STANDARD DEVIATION OF 22.047. THE DATA RANGE IS FROM 4.00 TO 99.00

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) => 51.50 MODE => 76.00 FREQ- 3
DISPERSION => 0.35 SKEWNESS => 1.22

STANDARD ERROR(MEAN) => 0.37
** 95% CONFIDENCE INTERVAL => 59.71 THRU 61.16

CORRELATION BETWEEN THE TWO FACTORS X:Y IS 0.6867
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO
TOTAL SUBPOPULATION MUST BE LESS THAN 5000

AFOQT AA VS. AFOQT VERBAL

YOUR X POPULATION OF 3575 ELEMENTS HAS A MEAN OF 59.722 A VARIANCE OF 498.102 AND STANDARD DEVIATION OF 22.318. THE DATA RANGE IS FROM 10.00 TO 99.00.

** OTHER IMPORTANT STATS ***
MEDIAN (MID PT) => 54.56 MODE => 95.00 FREQ => 3
DISPERSION => 0.37 SKEWNESS => 0.70

STANDARD ERROR (MEAN) => 0.37
** 95% CONFIDENCE INTERVAL => 58.59 THRU 60.45

YOUR Y POPULATION OF 3575 ELEMENTS HAS A MEAN OF 58.304 A VARIANCE OF 528.487 AND STANDARD DEVIATION OF 22.989. THE DATA RANGE IS FROM 15.00 TO 99.00.

** OTHER IMPORTANT STATS ***
MEDIAN (MID PT) => 57.00 MODE => 99.00 FREQ => 3
DISPERSION => 0.39 SKEWNESS => 0.17

STANDARD ERROR (MEAN) => 0.38
** 95% CONFIDENCE INTERVAL => 57.56 THRU 59.06

CORRELATION BETWEEN THE TWO FACTORS X:Y IS 0.8641
DO YOU WANT ANOTHER RUN OF THE PROGRAM, YES OR NO
TOTAL SUB POPULATION MUST BE LESS THAN 5000

AFOQT AA VS. AFOQT QUANTITIVE

YOUR X POPULATION OF 3575 ELEMENTS HAS A MEAN OF 59.722 A VARIANCE OF 498.102 AND STANDARD DEVIATION OF 22.318
THE DATA RANGE IS FROM 10.00 TO 99.00

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) = 54.50 MODE = 95.00 FREQ - 3
DISPERSION = 0.37 SKEWNESS = 0.70

STANDARD ERROR(MEAN) = 0.37
** 95% CONFIDENCE INTERVAL = 58.99 THRU 60.45

YOUR Y POPULATION OF 3575 ELEMENTS HAS A MEAN OF 60.503 A VARIANCE OF 506.623 AND STANDARD DEVIATION OF 22.508
THE DATA RANGE IS FROM 10.00 TO 99.00

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) = 54.50 MODE = 80.00 FREQ - 4
DISPERSION = 0.37 SKEWNESS = 0.80

STANDARD ERROR(MEAN) = 0.38
STANDARD ERROR(MEAN) = 0.38
** 95% CONFIDENCE INTERVAL = 59.77 THRU 61.24

CORRELATION BETWEEN THE TWO FACTORS X:Y IS 0.8276
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO
TOTAL SUBPOPULATION MUST BE LESS THAN 5000

AFOQT AA VS. GPA

YOUR X POPULATION OF 3573 ELEMENTS HAS A MEAN OF 59.718 A VARIANCE OF 498.112 AND STANDARD DEVIATION OF 22.318
THE DATA RANGE IS FROM 10.00 TO 99.00

** OTHER IMPORTANT STATS **
MEDIAN(MID PT) => 54.50 MODE => 95.00 FREQ => 3
DISPERSION => 0.37 SKEWNESS => 0.70

STANDARD ERROR(MEAN) => 0.37
** 95% CONFIDENCE INTERVAL => 58.99 THRU 60.45

YOUR Y POPULATION OF 3573 ELEMENTS HAS A MEAN OF 2.884 A VARIANCE OF 0.215 AND STANDARD DEVIATION OF 0.464
THE DATA RANGE IS FROM 1.80 TO 4.00

** OTHER IMPORTANT STATS **
MEDIAN(MID PT) => 2.90 MODE => 3.00 FREQ => 2
DISPERSION => 0.46 SKEWNESS => -0.10

STANDARD ERROR(MEAN) => 0.01
** 95% CONFIDENCE INTERVAL => 2.87 THRU 2.90

CORRELATION BETWEEN THE TWO FACTORS X:Y IS 0.2089
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO
TOTAL SUBPOPULATION MUST BE LESS THAN 5000

AFOQT PILOT VS. AFOQT NAVIGATOR

YOUR X POPULATION OF 3575 ELEMENTS HAS A MEAN OF 58.763 A VARIANCE OF 465.292 AND STANDARD DEVIATION OF 21.571
THE DATA RANGE IS FROM 2.00 TO 99.00

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) = 50.50 MODE = 67.00 FREQ- 2
DISPERSION = 0.37 SKEWNESS = 1.15
STANDARD ERROR(MEAN) = 0.36
** 95% CONFIDENCE INTERVAL = 58.06-THRU 59.47

YOUR Y POPULATION OF 3575 ELEMENTS HAS A MEAN OF 60.434 A VARIANCE OF 486.088 AND STANDARD DEVIATION OF 22.047
THE DATA RANGE IS FROM 4.00 TO 99.00

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) = 51.50 MODE = 76.00 FREQ- 3
DISPERSION = 0.36 SKEWNESS = 1.22
STANDARD ERROR(MEAN) = 0.37
** 95% CONFIDENCE INTERVAL = 59.71-THRU 61.16

CORRELATION BETWEEN THE TWO FACTORS X;Y IS 0.9075
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO
TOTAL SUBPOPULATION MUST BE LESS THAN 5000

AFOQT PILOT VS. AFOQT VERBAL

YOUR X POPULATION OF 3575 ELEMENTS HAS A MEAN OF 58.763 A VARIANCE OF 465.292 AND STANDARD DEVIATION OF 21.571
THE DATA RANGE IS FROM 2.00 TO 99.00

** OTHER IMPORTANT STATS **
Median (Mid Pt) => 50.50 Mode => 67.00 Freq=> 2
Dispersion => 0.37 Skewness => 1.15

Standard Error (Mean) => 0.36
** 95% CONFIDENCE INTERVAL => 58.06 Thru 59.47

YOUR Y POPULATION OF 3575 ELEMENTS HAS A MEAN OF 58.309 A VARIANCE OF 528.487 AND STANDARD DEVIATION OF 22.989
THE DATA RANGE IS FROM 15.00 TO 99.00

** OTHER IMPORTANT STATS **
Median (Mid Pt) => 57.00 Mode => 99.00 Freq=> 3
Dispersion => 0.39 Skewness => 0.17

Standard Error (Mean) => 0.38
** 95% CONFIDENCE INTERVAL => 57.56 Thru 59.06

CORRELATION BETWEEN THE TWO FACTORS X:Y IS 0.3451
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO?
TOTAL SURPOPULATION MUST BE LESS THAN 5000

AFOQT PILOT VS. AFOQT QUANTATIVE

YOUR X POPULATION OF 3575 ELEMENTS HAS A MEAN OF 58.763 A VARIANCE OF 465.292 AND STANDARD DEVIATION OF 21.571
THE DATA RANGE IS FROM 2.00 TO 99.00

** OTHER IMPORTANT STATS **
MEDIAN (MID PT) = 50.50 MODE = 67.00 FREQ = 2
DISPERSION = 0.37 SKEWNESS = 1.15

STANDARD ERROR (MEAN) = 0.36
** 95% CONFIDENCE INTERVAL = 59.06 THRU 59.47

YOUR Y POPULATION OF 3575 ELEMENTS HAS A MEAN OF 60.503 A VARIANCE OF 506.623 AND STANDARD DEVIATION OF 22.508
THE DATA RANGE IS FROM 10.00 TO 99.00

** OTHER IMPORTANT STATS **
MEDIAN (MID PT) = 54.50 MODE = 80.00 FREQ = 4
DISPERSION = 0.37 SKEWNESS = 0.80

STANDARD ERROR (MEAN) = 0.38
** 95% CONFIDENCE INTERVAL = 59.77 THRU 61.24

CORRELATION BETWEEN THE TWO FACTORS X;Y IS 0.5736
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO =
TOTAL SUBPOPULATION MUST BE LESS THAN 5000

AFOQT PILOT VS. GPA

YOUR X POPULATION OF 3573 ELEMENTS HAS A MEAN OF 58.777 A VARIANCE
OF 464.952 AND STANDARD DEVIATION OF 21.563
THE DATA RANGE IS FROM 2.00 TO 99.00

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) => 50.50 MODE => 67.00 FREQ=> 2
DISPERSION => 0.37 SKEWNESS => 1.15

YOUR Y POPULATION OF 3573 ELEMENTS HAS A MEAN OF 2.884 A VARIANCE
OF 0.215 AND STANDARD DEVIATION OF 0.464
THE DATA RANGE IS FROM 1.80 TO 4.00

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) => 2.90 MODE => 3.00 FREQ=> 2
DISPERSION => 0.16 SKEWNESS => -0.10

STANDARD ERROR(MEAN) => 0.01
** 95% CONFIDENCE INTERVAL => 2.87 THRU 2.90

CORRELATION BETWEEN THE TWO FACTORS X:Y IS 0.0814
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO.

TOTAL SUBPOPULATION MUST BE LESS THAN 5000

AFOQT NAVIGATOR VS. AFOQT VERBAL

YOUR X POPULATION OF 3575 ELEMENTS HAS A MEAN OF 60.434 A VARIANCE
OF 486.008 AND STANDARD DEVIATION OF 22.047
THE DATA RANGE IS FROM 4.00 TO 99.00

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) => 51.50  MODE => 76.00  FREQ- 3
DISPERSION => 0.36  SKEWNESS => 1.22

YOUR Y POPULATION OF 3575 ELEMENTS HAS A MEAN OF 58.309 A VARIANCE
OF 528.487 AND STANDARD DEVIATION OF 22.989
THE DATA RANGE IS FROM 15.00 TO 99.00

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) => 57.00  MODE => 99.00  FREQ- 3
DISPERSION => 0.39  SKEWNESS => 0.17

STANDARD ERROR(MEAN) => 0.38
** 95% CONFIDENCE INTERVAL => 57.56 THRU 59.06

CORRELATION BETWEEN THE TWO FACTORS X&Y IS 0.3891
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO
TOTAL SUBPOPULATION MUST BE LESS THAN 5000

AFOQT NAVIGATOR VS. AFOQT QUANTATIVE

YOUR X POPULATION OF 3575 ELEMENTS HAS A MEAN OF 60.434 A VARIANCE OF 486.088 AND STANDARD DEVIATION OF 22.047
THE DATA RANGE IS FROM 4.00 TO 99.00

** OTHER IMPORTANT STATS **
MEDIAN(MID PT) => 51.50  MODE => 76.00  FREQ- 3
DISPERSION => 0.36  SKEWNESS => 1.22

STANDARD ERROR(MEAN) => 0.37
** 95% CONFIDENCE INTERVAL => 59.71 THRU 61.16

YOUR Y POPULATION OF 3575 ELEMENTS HAS A MEAN OF 60.503 A VARIANCE OF 506.623 AND STANDARD DEVIATION OF 22.508
THE DATA RANGE IS FROM 10.00 TO 99.00

** OTHER IMPORTANT STATS **
MEDIAN(MID PT) => 54.50  MODE => 80.00  FREQ- 4
DISPERSION => 0.37  SKEWNESS => 0.80

STANDARD ERROR(MEAN) => 0.38
** 95% CONFIDENCE INTERVAL => 59.77 THRU 61.24

CORRELATION BETWEEN THE TWO FACTORS X;Y IS 0.88038
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO
AFOQT NAVIGATOR VS. GPA

YOUR X POPULATION OF 3573 ELEMENTS HAS A MEAN OF 60.444 A VARIANCE OF 485.710 AND STANDARD DEVIATION OF 22.039
THE DATA RANGE IS FROM 4.00 TO 99.00

** OTHER IMPORTANT STATS **
MEDIAN(MID PT) = 51.50 MODE = 76.00 FREQ = 3
DISPERSION = 0.36 SKEWNESS = 1.22

YOUR Y POPULATION OF 3573 ELEMENTS HAS A MEAN OF 2.884 A VARIANCE OF 0.215 AND STANDARD DEVIATION OF 0.464
THE DATA RANGE IS FROM 1.80 TO 4.00

** OTHER IMPORTANT STATS **
MEDIAN(MID PT) = 2.90 MODE = 3.00 FREQ = 2
DISPERSION = 0.16 SKEWNESS = -0.10

STANDARD ERROR (MEAN) = 0.01
** 95% CONFIDENCE INTERVAL = 2.87 THRU 2.90

CORRELATION BETWEEN THE TWO FACTORS X;Y IS 0.1301
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO
TOTAL SUBPOPULATION MUST BE LESS THAN 5000

AFOQT VERBAL VS. AFOQT QUANTATIVE

YOUR X POPULATION OF 3575 ELEMENTS HAS A MEAN OF 58.309 A VARIANCE OF 528.492 AND STANDARD DEVIATION OF 22.989.
THE DATA RANGE IS FROM 15.00 TO 99.00

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) = 57.00 MODE = 99.00 FREQ= 3
DISPERSION => 0.39 SKEWNESS => 0.17

YOUR Y POPULATION OF 3575 ELEMENTS HAS A MEAN OF 60.503 A VARIANCE OF 506.623 AND STANDARD DEVIATION OF 22.504.
THE DATA RANGE IS FROM 10.00 TO 99.00

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) = 54.50 MODE = 80.00 FREQ= 4
DISPERSION => 0.37 SKEWNESS => 0.80

STANDARD ERROR(MEAN) => 0.38
** 95% CONFIDENCE INTERVAL => 59.77 THRU 61.24

CORRELATION BETWEEN THE TWO FACTORS X;Y IS 0.4405
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO
TOTAL SURPOPULATION MUST BE LESS THAN 5000

AFOQT VERBAL VS. CPA

YOUR X POPULATION OF 3573 ELEMENTS HAS A MEAN OF 58.300 A VARIANCE OF 528.463 AND STANDARD DEVIATION OF 22.908
THE DATA RANGE IS FROM 15.00 TO 99.00

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) => 57.00 MODE => 99.00 FREQ => 3
DISPERSION => 0.39 SKEWNESS => 0.17

YOUR Y POPULATION OF 3573 ELEMENTS HAS A MEAN OF 2.884 A VARIANCE OF 0.245 AND STANDARD DEVIATION OF 0.464
THE DATA RANGE IS FROM 1.80 TO 4.00

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) => 2.90 MODE => 3.00 FREQ => 2
DISPERSION => 0.16 SKEWNESS => -0.10

STANDARD ERROR(MEAN) => 0.01
** 95% CONFIDENCE INTERVAL => 2.87 THRU 2.90

CORRELATION BETWEEN THE TWO FACTORS X:Y IS 0.1762
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO
TOTAL SUBPOPULATION MUST BE LESS THAN 5000

AFQT QUANTATIVE VS. GPA

YOUR X POPULATION OF 3573 ELEMENTS HAS A MEAN OF 60.506 A VARIANCE OF 506.685 AND STANDARD DEVIATION OF 22.510
THE DATA RANGE IS FROM 10.00 TO 99.00

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) => 54.50 MODE => 80.00 FREQ= 4
DISPERSION => 0.37 SKWNESS => 0.80

YOUR Y POPULATION OF 3573 ELEMENTS HAS A MEAN OF 2.884 A VARIANCE OF 0.215 AND STANDARD DEVIATION OF 0.464
THE DATA RANGE IS FROM 1.80 TO 4.00

** OTHER IMPORTANT STATS ***
MEDIAN(MID PT) => 2.90 MODE => 3.00 FREQ= 2
DISPERSION => 0.16 SKWNESS => -0.10

STANDARD ERROR(MEAN) => 0.01
** 95% CONFIDENCE INTERVAL => 2.87 THRU 2.90

CORRELATION BETWEEN THE TWO FACTORS X:Y IS 0.1776
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO