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CORRELATIONS AMONG SAT, ACT, AFOQT AND GRADE POINT AVERAGE

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## CORRELATIONS AMONG SAT, ACT, AFOQT AND GRADE POINT AVERAGE

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 O.

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).

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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).



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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 11. 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)

X	N	MEAN		SD		r	R <sup>2</sup>	RANGE			
		Y	X	Y	X			MIN	MAX	MIN	MAX
SAT MATH	1908	524.005	595.155	84.073	94.182	.5266	.2773	220	780	92	800
SAT COMPOSITE	1907	523.991	1119.126	84.093	155.845	.8597	.7391	220	780	376	1540
ACT	236	531.619	27.258	89.123	3.136	.7443	.5540	280	740	15	32
SAT EQUIVALENT	1908	524.005	1127.696	84.073	155.669	.8373	.7011	220	780	680	1540
AFOQT AA	190E	524.005	64.254	84.073	21.755	.7157	.5122	220	780	10	99
AFOQT PILOT	1908	524.005	59.932	84.073	21.335	.2373	.0563	220	780	02	99
AFOQT NAV	1908	524.005	62.908	83.073	21.543	.3258	.1061	220	780	04	99
AFOQT VERBAL	1908	524.005	62.008	84.073	22.949	.7717	.5955	220	780	15	99
AFOQT QUANT	1908	524.005	64.695	84.073	21.571	.4290	.1840	220	780	10	99
GPA	1906	523.946	2.896	84.097	.459	.1931	.0373	220	780	1.80	4.00

TABLE 2  
 DESCRIPTIVE STATISTICS FROM THE CORRELATION OF SAT-MATH (Y) WITH SELECTED VARIABLES (X)

X	N	MEAN		SD		r	R <sup>2</sup>	RANGE			
		Y	X	Y	X			Y		X	
								MIN	MAX	MIN	MAX
SAT COMPOSITE	1907	595.137	1119.128	94.203	155.845	.8886	.7896	92	800	1376	1540
ACT	236	608.271	27.258	93.821	3.136	.7017	.4924	92	780	15	32
SAT EQUIVALENT	1908	595.155	1127.696	94.182	155.669	.8660	.7500	92	800	680	1540
AFOQT AA	1908	595.155	64.254	94.182	21.775	.6869	.4718	92	800	10	99
AFOQT PILOT	1908	595.155	59.932	94.182	21.335	.4491	.2017	92	800	02	99
AFOQT NAV	1908	595.155	62.908	94.182	21.543	.6145	.3776	92	800	04	99
AFOQT VERBAL	1908	595.155	62.008	94.182	22.949	.4729	.2236	92	800	15	99
AFOQT QUANT	1908	595.155	64.695	94.182	21.571	.7097	.5037	92	800	10	99
GPA	1906	595.166	2.986	94.207	.459	.2195	.0482	92	800	1.80	4.00

TABLE 3

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

X	N	MEAN		SD		r	r <sup>2</sup>	RANGE			
		Y	X	Y	X			MIN	MAX	MIN	MAX
ACT	236	1139.890	27.258	158.388	3.136	.8344	.6962	376	1471	15	32
SAT EQUIVALENT	1907	1119.128	1127.669	155.845	155.705	.9752	.9510	376	1540	680	1540
AFOQT AA	1907	1119.128	64.252	155.845	21.780	.8014	.6422	376	1540	10	99
AFOQT PILOT	1907	1119.128	59.935	155.845	21.341	.3996	.1957	376	1540	02	99
AFOQT NAV	1907	1119.128	62.905	155.845	21.549	.5472	.2994	376	1540	04	99
AFOQT VERBAL	1907	1119.128	62.009	155.845	22.955	.7023	.4932	376	1540	15	99
AFOQT QUANT	1907	1119.128	64.690	155.845	21.575	.6604	.4361	376	1540	10	99
GPA	1905	1119.080	2.897	155.900	.458	.2372	.0563	376	1540	1.80	4.00

TABLE 4  
 DESCRIPTIVE STATISTICS FROM THE CORRELATION OF ACT (Y) WITH SELECTED VARIABLES (X)

X	N	MEAN		SD		r	R <sup>2</sup>	RANGE			
		Y	X	Y	X			Y	X		
SAT EQUIVALENT	1240	25.620	1133.352	.3684	153.278	.9870	.9742	9	34	567	1555
AFOQT AA	1240	25.620	60.406	.3684	21.693	.8039	.6463	9	34	10	99
AFOQT PILOT	1240	25.620	60.836	.3684	20.984	.4156	.1727	9	34	6	99
AFOQT NAV	1240	25.620	63.008	.3684	21.142	.5660	.3204	9	34	8	99
AFOQT VERBAL	1240	25.620	57.456	.3684	22.364	.6811	.4639	9	34	15	99
AFOQT QUANT	1240	25.6208	62.684	.3684	21.541	.5826	.4659	9	34	10	99
GPA	1240	25.620	2.924	.3684	.467	.2498	.0624	9	34	2.00	4.00



TABLE 5

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

X	N	MEAN		SD		R	R <sup>2</sup>	RANGE			
		Y	X	Y	X			Y		X	
								MIN	MAX	MIN	MAX
AFOQT AA	3572	1095.724	59.728	161.611	22.316	.8308	.6902	567	1555	10	99
AFOQT PILOT	3572	1095.724	58.767	161.611	21.566	.4416	.1950	567	1555	02	99
AFOQT NAV	3572	1095.724	60.442	161.611	22.043	.5969	.3563	567	1555	04	99
AFOQT VERBAL	3572	1095.724	58.309	161.611	22.988	.7056	.4979	567	1555	15	99
AFOQT QUANT	3572	1095.724	60.515	161.611	22.510	.7089	.5025	567	1555	10	99
GPA	3570	1095.685	2.884	161.638	.464	.2336	.0546	567	1555	1.80	4.00

TABLE 6

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

X	N	MEAN		SD		r	R <sup>2</sup>	RANGE			
		Y	X	Y	X			Y		X	
								MIN	MAX	MIN	MAX
AFOQT PILOT	3575	59.722	58.763	22.318	21.571	.5318	.2828	10	99	02	99
AFOQT NAV	3575	59.722	60.434	22.318	22.047	.6867	.4716	10	99	04	99
AFOQT VERBAL	3575	59.722	58.309	22.318	22.989	.8641	.7467	10	99	15	99
AFOQT QUANT	3573	59.722	60.503	22.318	22.508	.8276	.6849	10	99	10	99
CPA	3573	59.718	2.884	22.318	.464	.2039	.0436	10	99	1.80	4.00

TABLE 7

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

X	N	MEAN		SD		r	R <sup>2</sup>	RANGE			
		Y	X	Y	X			Y MIN	Y MAX	X MIN	X MAX
AFOQT NAV	3575	58.763	60.434	21.571	22.047	.9075	.8236	02	99	04	99
AFOQT VERBAL	3575	58.763	58.309	21.571	22.989	.3451	.1191	02	99	15	99
AFOQT QUANT	3575	58.763	60.503	21.571	22.508	.5736	.3290	02	99	10	99
GPA	3573	58.777	2.884	21.563	.464	.0814	.0066	02	99	1.80	4.00

TABLE 8

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

X	N	MEAN		SD		r	r <sup>2</sup>	RANGE			
		Y	X	Y	X			Y MIN	Y MAX	X MIN	X MAX
AFOQT VERBAL	3575	60.434	58.309	22.047	22.989	.3891	.1514	04	99	15	99
AFOQT QUANT	3575	60.434	60.503	22.047	22.508	.8038	.6461	04	99	10	99
GPA	3573	60.444	2.884	22.039	.464	.1301	.0169	04	99	1.80	4.00

TABLE 9  
**A**  
 DESCRIPTIVE STATISTICS FROM THE CORRELATION OF AFOQT VERBAL (Y) WITH SELECTED VARIABLES (X)  
**A**

X	N	MEAN		SD		r	R <sup>2</sup>	RANGE			
		Y	X	Y	X			Y	X		
		MIN	MAX	MIN	MAX			MIN	MAX		
AFOQT QUANT	3575	58.309	60.503	22.989	22.508	.4405	.1940	15	99	10	99
GPA	3573	58.307	2.884	22.988	.464	.1762	.0310	15	99	1.80	4.00

TABLE 10  
 DESCRIPTIVE STATISTICS FROM THE CORRELATION OF AFOQT QUANT (Y) WITH A SELECTED VARIABLE (X)

X	N	MEAN		SD		r	R <sup>2</sup>	RANGE			
		Y	X	Y	X			Y		X	
GPA	3573	60.506	2.884	22.510	.464	.1776	.0315	10	99	1.80	4.00

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

	SAT VERBAL	SAT MATH	SAT COMPOSITE	ACT	SAT EQUIVALENT	AFOQT AA	AFOQT PILOT	AFOQT NAV	AFOQT VERBAL	AFOQT QUANT
SAT MATH	.5266									
SAT COMPOSITE	.8597	.8886								
ACT	.7443	.7017	.8344							
SAT EQUIVALENT	.8373	.8660	.9752	.9870						
AFOQT AA	.7157	.6869	.6014	.8039	.8308					
AFOQT PILOT	.2373	.4491	.3996	.4156	.4416	.5318				
AFOQT NAV	.3258	.6145	.5472	.5660	.5969	.6867	.9075			
AFOQT VERBAL	.7717	.4729	.7023	.6811	.7056	.8641	.3451	.3891		
AFOQT QUANT	.4292	.7097	.6604	.6826	.7089	.8276	.5736	.8038	.4405	
GPA	.1931	.2195	.2372	.2498	.2336	.2089	.0814	.1301	.1762	.1776

Appendix A

Listing of the SIS Routine



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0010RWS,R(RC) N
0020$ IDENT FMO80 OK /10/RAIRLY
0022$:PROGRAM:RLHS,OM1
0024$:PRMFL:H*,R,R,FKACD11/RQIEBF00U00
0026$:PRMFL:RT,R,R,FKACD11/RQIE1F00U00
0028$:PRMFL:RS,R,R,FKACD11/RQIE3F00U00
0030$:PRMFL:RR,R,R,FKACD11/RQIE6F00U00
0040$ LIMITS ,20K,,20K
0050$ PRMFL I1,R,R,FKACD30/ROTC/INH20UKAU
0060$ PRMFL Z1,R,R,FKACD30/ROTC/ZNH20UKAU
0070$ FILE WS,,5L
0080$ FILE I3,,5L
0085$ PRMFL FA,R/W,S,FKRITC01/JACKB
0090$ SYSOUT PA,RC
0100$ FILE S1,,5R
0110$ FILE S2,,5R
0120$ FILE S3,,5R
0130$ DATA CC
DTL 910 = " " AND 109 = "B" OR "N" OR "P" OR "Q" AND
DTL 252 = "841101" TO "851031" AND 119 = " " OR "000000" AND
DTL 172 = "15" TO "99" AND 174 = "10" TO "99" AND
DTL 182 = "Q"

ISPD1L KEY=1/9,SIZE=153,OFFSET=0
RCD1MSL10,52/3,55/3,58/4,62/2,64/4,166/2,168/2,170/2,172/2,174/2,234/3
SORT 1,1,A
SIZE ,10
RCDU1 L14,V"LABEL",1/3,4/3,7/4,11/2,13/4,17/2,19/2,21/2,23/2,25/2,27/3

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Appendix B

Listing of the FORTRAN Routine "CORLATE2"

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100 PROGRAM TO DETERMINE THE CORRELATION BETWEEN TWO FACTOR.
200
30 DIMENSION X(5000),Y(5000)
40 CHARACTER NAME2*24,INN*3,IN1*3,IJ*72
50 PRINT 1
60 1 FORMAT(///," WELCOME TO THE CORRELATION APPLICATION",
70& " PROGRAM APRIL 82 CAPT TERRANOVA",//)
80 10 PRINT 2
90 2 FORMAT("INPUT THE NAME OF YOUR FILE--",//," 24 CHARACTERS",
100& " MAX--- UNDER USER MASTER CATALOG FKRT01",
110& //,"PUT A (<?) (SEMI-COLON) AFTER FILE NAME; ",//)
120 READ 4,NAME2
130 4 FORMAT(A24)
140 PRINT 4&,NAME2
150 4& FORMAT(//,"THIS IS YOUR CAT FILE STRING",2X,A24)
160 CALL ATTACH(8,NAME2,1,0,ISTAT,0)
170 IF(ISTAT .EQ. 0 .OR. ISTAT .NE. 1 .OR. ISTAT .NE. 2 .OR. ISTAT
180& .NE. 3 .OR. ISTAT .NE. 4) GO TO 11
190 PRINT 5
200 5 FORMAT("TRY AGAIN OR PRESS ABORT",//)
210 PRINT 4B
220 4B FORMAT("IF YOU WISH TO BYPASS DATA CHECK TYPE 11")
230 READ 99,IN1
240 IF(IN1 .NE. 3)YES) GO TO 10
250 11 PRINT 12
260 12 FORMAT(" GREAT--- SUCCESSFUL COPY !!")
270 PRINT 13
280 13 FORMAT(//," TOTAL SUBPOPULATION MUST BE LESS THAN 5000",// )
290 22 REWIND 8
300 PRINT 14
310 14 FORMAT(//," INPUT FORMAT SPECIFICATIONS-----",//,
320& " EXAMPLE-(F4.0,2X)--(F5.1,30X)--ETC",//)
330 READ 5&1,IJ
340 5&1 FORMAT(A72)
350 WRITE(6,5&2) IJ
360 5&2 FORMAT(1X,A72)
370 N = 1
380 777 READ(8,IJ,END=73) A,B
381 IF (A .EQ. 0) GO TO 777
382 IF (B .EQ. 0) GO TO 777
383 X(N)=A
384 Y(N)=B
390 N = N + 1
400 GO TO 777

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410 73  REWIND 8
420  N = N - 1
430  SUM = X(1)
440  MN = 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) .GT. 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  MN = 1
540  GO TO 59
550 58  MN = MN + 1
560  IF(MN .GT. MM) GO TO 59
570  MM = MN
580  XHO = 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  SUMSX = SUM ** 2
650  DEV = (SUMXS - (SUMSX / 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

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850 GO TO 159
860 158 MNY = MNY + 1
870 IF(MNY .GT. MNY) GO TO 159
880 MNY = MNY
890 YHO = Y(JJ)
900 159 SUMY = SUMY + Y(JJ)
910 YSQ = Y(JJ) **2
920 SUMYS = SUMYS + YSQ
930 XY = X(JJ) * Y(JJ)
940 SXY = SXY + XY
950 160 CONTINUE
960 YMEAN = SUMY / (N * 1.)
970 SUNSY = SUMY** 2
980 DEVI = (SUMYS - (SUMSY / N)) / (N - 1)
990 YME = (YL + YH) / 2
1000 STDEY = SQRT(DEVI)
1010 DISY = STDEY / YMEAN
1020 SKEY = 3 * (YMEAN - YME) / STDEY
1030 STEY = STDEY / SQRT(N)
1040 CON1Y = YMEAN + 1.96 * STEY
1050 CON2Y = YMEAN - 1.96 * STEY
1060 PXY = SUM * SUMY

1070 R1 = N * SXY - PXY
1080 D1 = N * SUMXS - SUMSX
1090 D11 = SQRT(D1)
1100 D2 = N * SUMYS - SUNSY
1110 D22 = SQRT(D2)
1120 R2 = D11 * D22
1130 COR1 = R1 / R2
1140 PRINT 100,N,XMEAN,DEVI,STDEY,XL,XH
1150 100 FORMAT(///,"YOUR X POPULATION OF ",I5," ELEMENTS",
1160& " HAS A MEAN OF ",F9.3," A VARIANCE ",/,
1170& " OF ",F15.3," AND STANDARD DEVIATION OF ",F9.3,
1180& "/,"THE DATA RANGE IS FROM ",F9.2," TO ",F9.2,///)
1190 PRINT 311,XME,XHO,MM,DIS,SKE,STE,CON2,CON1
1200 311 FORMAT(///,"** OTHER IMPORTANT STATS **",/,
1210& " MEDIAN(MID PT) => ",F9.2," MODE => ",F9.2," FREQ-",I5,/,
1220& " DISPERSION => ",F9.2," SKEWNESS => ",F9.2,///,
1230& " STANDARD ERROR(MEAN) => ",F9.2,/, "** 95% CONFIDENCE INTERVAL =>
1240& F9.2, " THRU ",F9.2)
1250 PRINT 200,N,YMEAN,DEVI,STDEY,YL,YH
1260 200 FORMAT(///,"YOUR Y POPULATION OF ",I5," ELEMENTS",
1270& " HAS A MEAN OF ",F9.3," A VARIANCE ",/,
1280& " OF ",F15.3," AND STANDARD DEVIATION OF ",F9.3,

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12908 /,"THE DATA RANGE IS FROM ",F9.2," TO ",F9.2,"
1300 PRINT 511,YHE,YHO,MAY,DISY,SKEY,STBY,COB2,LOGO1
1310 511 FORMAT(//,"** OTHER IMPORTANT STATS **",//
13208 " MEDIAN(MID PT) => ",F9.2," MODE => ",F9.2," FREQ. (C...
13308 "DISPERSION => ",F9.2," SKEWNESS => ",F9.2,///,
13408 "STANDARD ERROR(MEAN) => ",F9.2,//,"** 95% CONFIDENCE INTERVAL => ",
13508 F9.2," THRU ",F9.2)
1360 PRINT 207,CORL
1370 207 FORMAT(//," CORRELATION BETWEEN THE TWO FACTORS X:Y IS",
13808 3X,F6.4 )
1390 PRINT 110
1400 110 FORMAT("DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO",//)
1410 READ 99, INN
1420 99 FORMAT(A3)
1430 155 FORMAT(" ARE YOU USING THE SAME FILE ? --- YES-NO",//)
1440 IF(INN .NE. 3HYES) GO TO 119
1450 PRINT 155
1460 READ 99,IN1
1470 IF(IN1 .EQ. 3HYES) GO TO 22
1480 GO TO 10
1490 119 PRINT 120
1500 120 FORMAT(" SEE YOU LATER ALLIGATOR")

1510 STOP
1520 END
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Appendix C  
Descriptive Statistics

TOTAL SUBPOPULATION MUST BE LESS THAN 5000

SAT VERBAL VS. SAT MATH

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 595.155 A VARIANCE  
OF 8870.244 AND STANDARD DEVIATION OF 94.102  
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

CORRELATION BETWEEN THE TWO FACTORS X\*Y 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(MID PT) => 500.00 NODE => 610.00 FREQ- 4  
DISPERSION => 0.16 SKEWNESS => 0.86

STANDARD ERROR(MEAN) => 1.93

\*\* 95% CONFIDENCE INTERVAL => 520.22 THRU 527.77

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 NODE => 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

=

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permit fully legible reproduction

TOTAL SUBPOPULATION MUST BE LESS THAN 5000

25

SAT VERBAL VS. ACT

YOUR X POPULATION OF 236 ELEMENTS HAS A MEAN OF 531.612 A VARIANCE  
OF 7942.985 AND STANDARD DEVIATION OF 89.123  
THE DATA RANGE IS FROM 280.00 TO 740.00

\*\* OTHER IMPORTANT STATS \*\*

MEDIAN(MID PT) => 510.00 MODE => 510.00 FREQ- 3  
DISPERSION => 0.17 SKEWNESS => 0.73

STANDARD ERROR(MEAN) => 5.80  
\*\* 95% CONFIDENCE INTERVAL => 520.25 THRU 542.99

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) => 29.50 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 0.7443  
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO

Copy available to DTIC does not  
permit fully legible reproduction

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

28

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

29

SAT VERBAL VS. AFOQT NAV

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 62.908 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

=

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 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 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

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CORRELATION BETWEEN THE TWO FACTORS X;Y 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 8874.259 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 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 1127.696 A VARIANCE  
OF 24232.887 AND STANDARD DEVIATION OF 155.669  
THE DATA RANGE IS FROM 600.00 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 595.155 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 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) => 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 0.6145  
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO

=

TOTAL SUBPOPULATION MUST BE LESS THAN 5000

SAT MATH VS. AFOQT 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) => 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 62.008 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 0.4729  
DO YOU WANT ANOTHER RUN OF THE PROGRAM -YES OR NO

=



TOTAL SUBPOPULATION MUST BE LESS THAN 5000

SAT MATH VS. AFOQT QUANTATIVE

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 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 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 595.166 A VARIANCE  
OF 8875.010 AND STANDARD DEVIATION OF 94.207  
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 => 590.94 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 \*\*\*

MEDIAN(MID PT) => 2.90 MODE => 3.00 FREQ-- 2  
DISPERSION => 0.46 SKEWNESS => -0.02

STANDARD ERROR(MEAN) => 0.01

\*\* 95% CONFIDENCE INTERVAL => 2.88 THRU 2.92

CORRELATION BETWEEN THE TWO FACTORS X:Y IS 0.2195  
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 1139.890 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) => 929.50 MODE => 1180.00 FREQ- 3  
DISPERSION => 0.14 SKEWNESS => 4.10

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) => 0.30

\*\* 95% CONFIDENCE INTERVAL = 26.86 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 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

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 1119.128 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

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 63.87

---

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 => 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 62.009 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 24287.583 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 64.690 A VARIANCE  
OF 465.483 AND STANDARD DEVIATION OF 21.575  
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 => 63.72 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 1119.080 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 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 0.2372  
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 1193.352 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) => 24.50 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 0.4456  
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO  
=

TOTAL SUBPOPULATION MUST BE LESS THAN 5000

ACT VS. AFQQT 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 0.5660  
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 0.467  
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 0.2498  
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 SKEWNESS => 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 161.611  
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 => 1070.42 THRU 1101.02

YOUR Y POPULATION OF 3572 ELEMENTS HAS A MEAN OF 59.728 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 26118.008 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 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) => 1071.00 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 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 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 => 59.38 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 0.215 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 0.2336  
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO

Y

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 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 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

---

CORRELATION BETWEEN THE TWO FACTORS X:Y IS 0.5318.  
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO



TOTAL SUBPOPULATION MUST BE LESS THAN 5000

AFQOT AA VS. AFOQT NAVIGATOR

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 60.434 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 0.6867  
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) => 54.50 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 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 0.8641  
DO YOU WANT ANOTHER RUN OF THE PROGRAM. YES OR NO  
=

TOTAL SUBPOPULATION MUST BE LESS THAN 5000

AFOQT AA VS. AFOQT QUANTATIVE

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

\*\* 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 => 0.16 SKEWNESS => -0.10

STANDARD ERROR(MEAN) => 0.01

\*\* 95% CONFIDENCE INTERVAL => 2.87 THRU 2.90

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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 SUBPOPULATION 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 => 58.06 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 464.959 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 486.088 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

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 0.6038  
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO  
=

TOTAL SUBPOPULATION MUST BE LESS THAN 5000

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

75

AFOQT VERBAL VS. AFOQT QUANTATIVE

YOUR X 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

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 0.4405  
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO

=

TOTAL SUBPOPULATION MUST BE LESS THAN 5000

AFOQT VERBAL VS. GPA

YOUR X POPULATION OF 3573 ELEMENTS HAS A MEAN OF 58.300 A VARIANCE  
OF 528.463 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

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 0.1762  
DO YOU WANT ANOTHER RUN OF THE PROGRAM YES OR NO

=

TOTAL SUBPOPULATION MUST BE LESS THAN 5000

AFOQT 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 SKEWNESS => 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 SKEWNESS => -0.10

) STANDARD ERROR(MEAN) => 0.01

\*\* 95% CONFIDENCE INTERVAL => 2.87 THRU 2.90

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

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