AD-A264 636

REPORT DOCUMENTATION PAGE

Form Approved
OMB No. 0704-0188

...rage 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and ...of information. Send comments, regarding this burden estimate or any other aspect of this collection of information, including ... Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503

1. AGENCY USE ONLY (Leave blank)	2. REPORT DATE	3. REPORT TYPE AND DATES COVERED
	24 March 1993	Final Technical Report (CDRL A007)

4. TITLE AND SUBTITLE
Data Analysis in Vocational / Technical (VOTEC) Manpower and Personnel Studies

5. FUNDING NUMBERS
C #DABT60-90-D-0010

(2)

6. AUTHOR(S)
Scott E. Marshall

7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES)
AEPCO, Inc.
15800 Crabbs Branch Way, Suite #300
Rockville, MD 20855-2622

8. PERFORMING ORGANIZATION REPORT NUMBER

DTIC
ELECTE
MAY 18 1993
S A D

9. SPONSORING / MONITORING AGENCY NAME(S) AND ADDRESS(ES)
U.S. Army Training & Doctrine Command (TRADOC)
ATTN: ATCA
Fort Eustis, VA 23604-5538

10. SPONSORING / MONITORING AGENCY REPORT NUMBER

11. SUPPLEMENTARY NOTES

93-10965

12a. DISTRIBUTION / AVAILABILITY STATEMENT
Distribution Statement A: Approved for Public Release; Distribution is Unlimited

13. ABSTRACT *(Maximum 200 words)*

The report contained the results and analysis of several surveys given to Subject Matter Experts (SMEs). The study was conducted to determine the utility of capitalizing on previous knowledge that new inductees into the US Army gained from prior attendance at civilian Vocational Technical (VOTEC) courses. The benefit would be to reduce the course length of Advanced Individual Training (AIT) for particular Military Occupational Specialties (MOSs). The analysis determined, through descriptive statistics, t tests (comparison of scales), and cluster (classification) analysis, that there were negligible differences between common sections of these courses. Also, the survey instruments were good tests and would approximate the responses provided by similar survey instruments. Included as appendices were various Statistical Package for Social Sciences (SPSS) outputs, SPSS data files and Microsoft Excel spreadsheets.

93 5 17 044

14. SUBJECT TERMS
Manpower, Personnel and Training (MPT)
Manpower & Personnel Integration (MANPRINT)

15. NUMBER OF PAGES
307

16. PRICE CODE

17. SECURITY CLASSIFICATION OF REPORT	18. SECURITY CLASSIFICATION OF THIS PAGE	19. SECURITY CLASSIFICATION OF ABSTRACT	20. LIMITATION OF ABSTRACT
UNCLASSIFIED	UNCLASSIFIED	UNCLASSIFIED	

GENERAL INSTRUCTIONS FOR COMPLETING SF 298

The Report Documentation Page (RDP) is used in announcing and cataloging reports. It is important that this information be consistent with the rest of the report, particularly the cover and title page. Instructions for filling in each block of the form follow. It is important to ***stay within the lines*** to meet ***optical scanning requirements***.

Block 1. Agency Use Only *(Leave blank)*

Block 2. Report Date. Full publication date including day, month, and year, if available (e.g. 1 Jan 88). Must cite at least the year.

Block 3. Type of Report and Dates Covered. State whether report is interim, final, etc. If applicable, enter inclusive report dates (e.g. 10 Jun 87 - 30 Jun 88).

Block 4. Title and Subtitle. A title is taken from the part of the report that provides the most meaningful and complete information. When a report is prepared in more than one volume, repeat the primary title, add volume number, and include subtitle for the specific volume. On classified documents enter the title classification in parentheses.

Block 5. Funding Numbers. To include contract and grant numbers; may include program element number(s), project number(s), task number(s), and work unit number(s). Use the following labels:

C	- Contract	PR	- Project
G	- Grant	TA	- Task
PE	- Program Element	WU	- Work Unit Accession No.

Block 6. Author(s). Name(s) of person(s) responsible for writing the report, performing the research, or credited with the content of the report. If editor or compiler, this should follow the name(s).

Block 7. Performing Organization Name(s) and Address(es). Self-explanatory.

Block 8. Performing Organization Report Number. Enter the unique alphanumeric report number(s) assigned by the organization performing the report.

Block 9. Sponsoring/Monitoring Agency Name(s) and Address(es). Self-explanatory.

Block 10. Sponsoring/Monitoring Agency Report Number. *(If known)*

Block 11. Supplementary Notes. Enter information not included elsewhere such as: Prepared in cooperation with ...; Trans. of ...; To be published in ... When a report is revised, include a statement whether the new report supersedes or supplements the older report.

Block 12a. Distribution/Availability Statement. Denotes public availability or limitations. Cite any availability to the public. Enter additional limitations or special markings in all capitals (e.g. NOFORN, REL, ITAR).

- DOD - See DoDD 5230.24, "Distribution Statements on Technical Documents."
- DOE - See authorities.
- NASA - See Handbook NHB 2200.2.
- NTIS - Leave blank.

Block 12b. Distribution Code.

- DOD - Leave blank.
- DOE - Enter DOE distribution categories from the Standard Distribution for Unclassified Scientific and Technical Reports.
- NASA - Leave blank.
- NTIS - Leave blank.

Block 13. Abstract. Include a brief *(Maximum 200 words)* factual summary of the most significant information contained in the report.

Block 14. Subject Terms. Keywords or phrases identifying major subjects in the report.

Block 15. Number of Pages. Enter the total number of pages.

Block 16. Price Code. Enter appropriate price code *(NTIS only)*.

Blocks 17. - 19. Security Classifications. Self-explanatory. Enter U.S. Security Classification in accordance with U.S. Security Regulations (i.e., UNCLASSIFIED). If form contains classified information, stamp classification on the top and bottom of the page.

Block 20. Limitation of Abstract. This block must be completed to assign a limitation to the abstract. Enter either UL (unlimited) or SAR (same as report). An entry in this block is necessary if the abstract is to be limited. If blank, the abstract is assumed to be unlimited.

Best
Available
Copy

CONTRACT NO. DAST60-90-D-0010
DELIVERY ORDER 0010

FINAL TECHNICAL REPORT

(CDRL A007)

DATA ANALYSIS IN VOCATIONAL / TECHNICAL (VOTEC) MANPOWER AND PERSONNEL STUDIES

24 March 1993

Submitted to:

U.S. Army Training and Doctrine Command (TRADOC)
ATTN: ATCA
Fort Eustis, Virginia 23604-5538

Prepared by:

AEPCO, Inc.
15800 Crabbs Branch Way, Suite 300
Rockville, Maryland 20855-2622

UNCLASSIFIED

AEPCO, INC

FINAL
TECHNICAL REPORT

Vocational/Technical (VOTEC)
Manpower and Personnel Studies

TABLE OF CONTENTS

Section	Title	Page
	ABSTRACT	iii
1.0	OVERVIEW OF RESEARCH TOPIC	1-1
	1.1 Introduction	1-1
	1.2 Statement of Work	1-1
	1.3 Limitations	1-1
	1.4 Statistical Software Used	1-2
	1.5 Explanation of Appendices	1-2
2.0	EXPLANATION OF RESEARCH HYPOTHESIS AND VARIABLES	2-1
	2.1 Research Hypothesis	2-1
	2.2 Description of Variables	2-1
	2.3 Response Measurement Scale	2-2
	2.4 Description of Student Participants	2-3
3.0	STATISTICS	3-1
	3.1 Descriptive Statistics	3-1
	3.2 Reliability Analysis	3-3
	3.3 Cluster Analysis	3-4
	3.4 T Tests	3-7
	3.5 Mann-Whitney U - Wilcoxon Rank	3-9
4.0	FINDINGS	4-1
	4.1 Findings	4-1
5.0	CONCLUSIONS	5-1
	5.1 Conclusions	5-1
6.0	LITERATURE RESEARCHED	6-1

List of Figures

Figure	Title	Page
3-1	Control Group Dendrogram	3-5
3-2	Experimental Group Dendrogram	3-6

List of Appendices

DTIC QUALITY INSPECTED 5

Accesion For
NTIS CRA&I ☑
DTIC TAB ☐
Unannounced ☐
Justification
By
Distribution /
Availability Codes
Dist | Avail and / or Special
A-1

Appendix 1 ..... **Survey Instruments**
- Control Group
- Experimental Group

Appendix 2 ..... **Data Sets**
- Control Group
- Experimental Group

Appendix 3 ..... **Descriptive Statistics**
- Control Group
- Experimental Group

Appendix 4 ..... **Descriptive Statistics Summary**

Appendix 5 ..... **Reliability Analysis - Scale (Alpha)**

Appendix 6 ..... **Hierarchical Cluster Analysis**
- Control Group
- Experimental Group

Appendix 7 ..... **T Test for Independent Samples**

Appendix 8 ..... **Mann-Whitney U - Wilcoxon Rank Sum W Test**

Appendix 9 ..... **Demographic Data Set (Student Participants)**

List of Tables

Table	Title	Page
2-1A	Student Participant Study Classification-Original	2-4
2-1B	Student Participant Study Classification-Modified with MQT Results	2-4
2-1C	Student Participant Study Classification-Percentage Pass/Fail	2-4
2-1D	Student Participant Study Classification-Final Determination of Control and Experimental Group	2-4
2-2	Location of High School	2-7
2-3	Rawscore by Study Group	2-8
2-4	Control and Experimental Group by Gender	2-9
2-5	Control and Experimental Group by Years of College	2-10
3-1	Descriptive Statistics	3-2
3-2	Two-Tailed Significance	3-8
3-3	Significant Differences	3-11

ABSTRACT

The following project, directed by the U.S. Army Training and Doctrine Command (TRADOC), Training Analysis Command (TRAC) Fort Lee, contains the results of the analysis of several surveys given to participants in order to study the feasibility of using knowledge gained from civilian Vocational Technical (VOTEC) courses to reduce the course length of Advanced Individual Training (AIT). The analysis incorporates the opinions of instructors who taught the four-week and thirteen-week Light Wheeled Vehicle Mechanic courses (63B), located at Fort Jackson, South Carolina. The responses are divided into two groups: the thirteen-week course or control group; the four-week course or experimental group. The abbreviated four-week AIT included students who possessed civilian VOTEC training and who achieved a minimum raw score of 46 on the Military Qualification Test. The control group consisted of randomly selected students who were not chosen based on the VOTEC criteria. Although the students participated in only one course, the instructors who taught the four-week VOTEC course also taught the thirteen-week course. Therefore, a comparison was developed to determine if the instructors believed there was a significant difference between the two groups of students and the like annexes of the courses in which they were enrolled.

This analysis reveals, through descriptive statistics, t tests (comparison of averages), Wilcoxon (nonparametric comparison), reliability (comparison of scales), and cluster (classification) analysis, that there are negligible differences between common sections of these courses. Also, the survey instruments were good tests and would approximate the responses provided by similar survey instruments. Included as appendices are various Statistical Package for Social Sciences (SPSS) output, SPSS data files and Microsoft Excel spreadsheets.

SECTION 1.0
OVERVIEW OF RESEARCH TOPIC

1.1 Introduction

During the current period of defense downsizing, the Army needs to maximize resources allocated to the training and transition of civilian recruits into qualified soldiers. Numerous cost-saving alternatives are available, including utilizing training gained in civilian programs as a partial substitute for Army Advanced Individual Training (AIT). The focus of this analysis was to compare the standard thirteen-week, Light Wheeled Vehicle Mechanic (63B) course (control group), with an abbreviated four-week (VOTEC) course (experimental group). Responses were taken from Subject Matter Experts (SMEs) instructing the courses. The Statistical Package for Social Sciences (SPSS) was the software used as an aid for this analysis.

1.2 Statement of Work (SOW)

a. The Training and Doctrine Command (TRADOC) Analysis Command (TRAC) at Fort Benjamin Harrison, Indiana, directed that the SOW tasks be focused on the following:

(1) A report detailing data transcription for and analysis of data using SPSS for Personal Computers (utilizing the Windows version).

(2) The report should include technical notes for the use of that statistical package routine in manpower and personnel analysis inherent in VOTEC studies.

b. The analysis approach for the instructor survey segment of the VOTEC effort should include (Cameron, 1992b):

(1) Analysis of the descriptive statistics, raw data, clustered groups, reliability of the survey and survey clusters, cluster analysis, and group/comparison testing.

(2) Additional analysis as appropriate.

1.3 Limitations

1.3.1 No limitations were placed on the data sets.

1.4 Statistical Software Used

This analysis incorporated tools provided by SPSS for Windows Base System version 5.0.1 (descriptive statistics, t tests, and Wilcoxon tests) and SPSS Professional Statistics version 5.0.1 (reliability analysis and cluster analysis). The spreadsheets were computed using Microsoft Excel version 4.0 for Windows. No co-processor was present for computations performed by either application (this does not consider co-processor emulation).

1.5 Explanation of Appendices

The following is a discussion of each appendix and its applicability:

1.5.1 Appendix 1 (Survey Instruments). This appendix contains both survey instruments (13 week control group and 4 week experimental group). The median score for each response variable has been circled.

1.5.2 Appendix 2 (Data File). This appendix contains the entire SPSS data file broken out by group. Summary variables were added to the original data sets. Corrections made to the control group are included in the data set, including the reverse score of question III_20.

1.5.3 Appendix 3 (Descriptive Statistics). This appendix contains output for the control and experimental groups. This is statistical output generated by SPSS, providing the mean, median, mode, standard deviation, skewness, standard error skewness, range, minimum value, maximum value and sum. It provides a frequency distribution table. This information is provided for each group and is broken out by variable. All variables are presented as well as summary variables.

1.5.4 Appendix 4 (Descriptive Statistics Summary). This appendix contains a spreadsheet that summarizes the mean, median, mode and standard deviation for each group.

1.5.5 Appendix 5 (Reliability Analysis). Since the VOTEC instructors were a subset of the thirteen-week instructor group, the reliability analysis test was performed only on data obtained from the control group. Therefore, data obtained from the thirteen-week group would be indicative of the experimental group as well. The output includes a covariance matrix, a correlation matrix, descriptive statistics for both parts, and reliability coefficients using all 65 non-demographic variables and summary variables.

1.5.6 Appendix 6 (Hierarchical Cluster Analysis). This appendix contains the cluster analysis output generated by SPSS. It is divided into an agglomeration schedule, a horizontal icicle plot and a dendrogram. The agglomeration schedule lists the non-demographic variables chronologically from 1 to 65, e.g., number 65 is question 6, part V, from the survey. The agglomeration schedule is very useful since it lists the clusters in order of occurrence or stage.

1.5.7 Appendix 7 (T Tests for Independent Samples). This appendix contains the t test output generated by SPSS. The unequal variances 2-tailed significance figures were used for this analysis. All variables were used for this analysis (including the summary variables). This analysis compares the means of the control and experimental groups. Although the response format of the questionnaire was nonparametric (ordinal), the t test (a parametric test) was provided in order to provide a more comprehensive analysis.

1.5.8 Appendix 8 (Mann-Whitney U - Wilcoxon Rank Sum W Test). This appendix contains the Wilcoxon test. This is a nonparametric test that will accommodate data provided in an ordinal scale. All variables were used for this analysis (including the summary variables).

1.5.9 Appendix 9 (Student Demographics Data Set). This appendix contains the entire data set for the information gathered on the students participating in the project.

SECTION 2.0
EXPLANATION OF RESEARCH HYPOTHESIS AND VARIABLES

2.1 Research Hypothesis

The report dealt with a survey, the objective of which was to determine what instructors thought about the thirteen-week regular AIT or the four-week abbreviated course (Cameron, 1992b). Although the overall study objective was more encompassing, the scope of this report was limited. The intent of this analysis was to simply determine any differences in SME opinions about the four-week 63B VOTEC course versus the standard thirteen-week 63B AIT course.

a. The null hypothesis was that there is no stastistically significant difference between the responses provided by the two groups (control group versus experimental group) or that the opinions of SMEs about their respective groups do not significantly differ.

b. The alternate hypothesis is that there is a statistically significant difference between the two groups. This significant difference could take several forms. One of which would be that the SMEs of one group were satisfied with their particular course and the SMEs of the other group were not; a second could be that the SMEs from one group were not satisfied with the performance of the individual soldiers participating in the course while the SMEs in the other group were, etc.

By use of various descriptive and inferential statistics, a conclusion will be provided supporting one of these hypotheses.

2.2 Description of Variables

2.2.1 There were two surveys utilizing identical questions (modifications were made to make the questions apply to either the thirteen-week group or the four-week group, but did not alter the intent of the question), entitled: Instructor Survey MOS 63B VOTEC Abbreviated AIT and Instructor Survey MOS 63B AIT. Each survey contained 65 questions (excluding demographic type questions and comment sections), divided into the following sections:

a. Part I, Background Information.

b. Part II, Ratings of Course Annexes, which contained 18 variables.

c. Part III, Instructor Opinion of the Course, which contained 41 variables (question III_20 was reversed scored by direction of TRAC).

d. Part IV, Instructor Comments.

e. Part V, Soldierization, which contained 6 variables.

In addition, seven (7) new summary variables were added. These were as follows:

a. Aggregate of questions contained in Part II, Section 1 (letters A through F): **SUM1**, Annex Content.

b. Aggregate of questions contained in Part II, Section 2 (letters A through F): **SUM2**, Annex Difficulty.

c. Aggregate of questions contained in Part II, Section 3 (letters A through F): **SUM3**, Annex Length.

d. Aggregate of questions contained in Part II (Sections 1 through 3): **SUM4**, Rating of Course Annexes.

e. Aggregate of questions contained in Part III (numbers 1 through 41): **SUM5**, Instructor Opinion of the Course.

f. Aggregate of questions contained in Part V (numbers 1 through 6): **SUM6**, Soldierization.

g. Aggregate of all 65 questions contained in the survey (excluding demographic questions and comments sections): **SUM7**, Overall Course Survey.

2.3 Response Measurement Scale

2.3.1 The observations provided by the instructor groups were measured using an ordinal scale, since the response selections were presented from least to most, i.e., strongly disagree, disagree, etc. This measurement scale simply ranks or orders observations in a particular manner. An important factor to consider when analyzing data based on an ordinal scale is that it provides information regarding greater than or less than, but it does not tell how much greater or how much less. A good illustration would be to know

the order of finish for a horse race, but not knowing whether the first-place horse won by a nose or by eight furlongs. The distance between the points on an ordinal scale is unknown. Ordinal scaling defines only the order of the numbers, not the degrees of difference between them (Sprinthall, 1987). Therefore, the result of this analysis revealed that the respondents viewed both courses favorably, but could not reveal the extent of the agreement. The scale itself was divided into a sufficient number (six) of elements (i.e., strongly unfavorable, unfavorable, somewhat unfavorable, somewhat favorable, favorable, strongly favorable) that justifiable conclusions can be made from the data using this scale.

2.3.2 Although the survey responses were ordinal, some parametric tests were performed in order to provide additional statistical referenc . This includes use of descriptive means and t tests. These tests are appropriate for responses provided using an interval scale, which provides information regarding greater than or less than, but also information as to how much greater or less than (Sprinthall, 1987). Interval scales would be used to measure annual salaries, for instance. Although these tests are not appropriate for the type of data being measured, they are provided to create a comprehensive analysis. The results of the t test closely resemble the results of the Wilcoxon test.

2.3.3 Due to differences in the student participants assigned to the thirteen-week control group versus the four-week experimental group, the samples were assumed to be independent. Whereas the VOTEC program required a minimum score on the Military Qualifications Test (MQT) as well as some vocational training for acceptance into the program (which will be mentioned later in more detail), and the control group had no such requirement, the participants could not be matched. Therefore, for comparison testing, tests of independent samples (independent t tests and Wilcoxon tests) were utilized.

2.4 Description of Student Participants

2.4.1 In order to qualify for the shortened AIT, the trainee was required to achieve a rawscore of 46 on the MQT. This reduced the number of VOTEC recruits qualified for the program.

2.4.2 Table 2-1A depicts the original participant classification list, prior to receipt of MQT scores: 142 trainees were recruited for the VOTEC program specifically; 221 trainees were originally selected (which later was reduced to 220) to participate in the thirteen-week control group. The control group

TABLE 2-1A

Student Participant Study Classification - Original

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
HS VOTEC	1	93	12.20	12.20	12.20
PS VOTEC	2	49	6.43	6.43	18.64
CONTROL	3	221	29.00	29.00	47.64
TOOK MQT, NON VOTEC	4	299	39.24	39.24	86.88
TOOK MQT, HS VOTEC	5	76	9.97	9.97	96.85
TOOK MQT, PS VOTEC	6	24	3.15	3.15	100.00
	Total	762	100.00	100.00	

TABLE 2-1B

Student Participant Study Classification - Modified with MQT Results

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
PASS MQT, R-HS VOTEC	1	62	8.17	8.19	8.19
PASS MQT, R-PS VOTEC	2	39	5.14	5.15	13.34
CONTROL	3	220	28.99	29.06	42.40
PASS MQT, NON VOTEC	4	56	7.38	7.40	49.80
PASS MQT, HS VOTEC	5	29	3.82	3.83	53.63
PASS MQT, PS VOTEC	6	11	1.45	1.45	55.09
FAIL MQT, NON VOTEC	7	239	31.49	31.57	86.66
FAIL MQT, HS VOTEC	8	47	6.19	6.21	92.87
FAIL MQT, PS VOTEC	9	13	1.71	1.72	94.58
FAIL MQT, R-HS VOTEC	10	31	4.08	4.10	98.68
FAIL MQT, R-PS VOTEC	11	10	1.32	1.32	100.00
MISSING		2	0.26		
	Total	759	100.00	100.00	

TABLE 2-1C

Student Participant Study Classification - Percentage Pass/Fail

Value Label	Original Frequency	PASS MQT Frequency	PASS MQT Percent	FAIL MQT Frequency	FAIL MQT Percent
HS VOTEC	93	62	67%	31	33%
PS VOTEC	49	39	80%	10	20%
CONTROL	N/A	N/A	N/A	N/A	N/A
TOOK MQT, NON VOTEC	299	56	19%	239	80%
TOOK MQT, HS VOTEC	76	29	38%	47	62%
TOOK MQT, PS VOTEC	24	11	46%	13	54%
Total	541	197		340	

TABLE 2-1D

Student Participant Study Classification - Final Determination of Control and Experimental Groups

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
CONTROL GROUP	1	220	28.99	52.76	52.76
EXPERIMENTAL GROUP	2	197	25.96	47.24	100.00
	.	342	45.06	(missing)	
		759	100.00	100.00	

participants were not selected based on the VOTEC requirements, i.e., many did not achieve the rawscore of 46 or possess VOTEC training. An additional 399 trainees took the MQT, those who passed were placed in the four-week experimental group.

2.4.3 Table 2-1B depicts the participant classifications after the MQT results were received. The variables had the following meanings:

a. PASS MQT, R-HS VOTEC. Achieved 46 or better on MQT, recruited for the VOTEC program, student had high school vocational training.

b. PASS MQT, R-PS VOTEC. Achieved 46 or better on MQT, recruited for the VOTEC program, student had post-secondary vocational training.

c. CONTROL. This was the thirteen-week control group.

d. PASS MQT, NON VOTEC. Achieved 46 or better on MQT, not recruited specifically for the VOTEC program.

e. PASS MQT, HS VOTEC. Achieved 46 or better on MQT, not recruited specifically for the VOTEC program, student had high school vocational training.

f. PASS MQT, PS VOTEC. Achieved 46 or better on MQT, not recruited specifically for the VOTEC program, student had post-secondary vocational training.

g. FAIL MQT, NON VOTEC. Failed to achieve 46 or better on MQT, not recruited specifically for the VOTEC program.

h. FAIL MQT, HS VOTEC. Failed to achieve 46 or better on MQT, not recruited specifically for the VOTEC program, student had high school vocational training.

i. FAIL MQT, PS VOTEC. Failed to achieve 46 or better on MQT, not recruited specifically for the VOTEC program, student had post-secondary vocational training.

j. FAIL MQT, R-HS VOTEC. Failed to achieve 46 or better on MQT, recruited for the VOTEC program, student had high school vocational training.

k. FAIL MQT, R-PS VOTEC. Failed to achieve 46 or better on MQT, recruited for the VOTEC program, student had post-secondary vocational training.

This table further divides the study classifications to include the MQT data.

2.4.4 Table 2-1C shows the percentage split of the original study classifications. For the participants recruited especially for the VOTEC program, it was obvious that as education increased, so did the percentage of student participants passing the MQT. The higher the education, the higher the percentage of participants passing the test. For the non-VOTEC participants, a very high percentage failed to achieve the required MQT score (80%).

2.5.5 Table 2-1D shows the final determination of student participants. All those who did not achieve the required score (excluding the control group) on the MQT were excluded from the study.

2.5.6 Table 2-2 divides the study group classifications by state/country where their high school was located. There appeared to be broad national and international diversity among student participants. Some locations were characterized by a higher percentage of student participants who passed the MQT, other areas had a lower percentage.

2.5.7 Table 2-3 provides a frequency distribution of MQT rawscores, divided by study group. Each rawscore is assigned a row percentage. The control group included scores ranging from 21 to 88. The percentage of thirteen-week control group rawscores falling below 46 was 73%, with 26% of the scores 46 or above. The experimental group had no scores falling below 46.

2.5.8 The division of student participants by gender revealed that the control group was 24% female and 76% male. The experimental group was 4% female and 96% male. Table 2-4 contains gender information. Excluding the control group, which did not require a passing MQT of 46, 88% of the females failed to achieve the required score and 60% of the males also failed to achieve a passing score of 46.

2.5.9 Table 2-5 depicts the amount of college the student participants possessed. 20% of the control group participants possessed some college; 15% of the experimental group possessed college years. 14% of those failing to achieve 46 on the MQT had some college. Out of the 91 students recruited for the VOTEC program who passed the MQT, only 11% possessed any college.

TABLE 2-2
Location of High School

CODE PARTICIPANT STUDY CLASSIFICATION BY HS_ST (STATE/COUNTRY WHERE HIGH SCHOOL IS LOCATED)

CODE	HS_STATE Missing	AK	AL	AR	AZ	CA	CO	CT	DC	DE	FL	GA	GR	GY	HA	IA	ID	IL	IN	IA	JP	KO	KS	KY	LA	LC	MA	MD	ME	MI	MN
PASS MQT, R-HS VOTEC	1		2		2	2	1				1							4	5					3				1	1	2	5
PASS MQT, R-PS VOTEC	1	1	3	1	1	6	1			1	2					2		4	1		1			5	1			1			
CONTROL GROUP	54		3		3	16	5	1			10	5						12	5				1	8	5		2	1	2	10	5
PASS MQT, NON VOTEC				1	1	2					4	5					1	2	2					1				2			
PASS MQT, HS VOTEC	2		1		1	2		1			1	2				1			1									1		1	
PASS MQT, PS VOTEC						1					1					1								1				1	1		
FAIL MQT, NON VOTEC	4		8	4	5	23	2	3	2	1	10	8	1			1	1	1	10	5	1		1	3	2	3		1	4	1	5	2
FAIL MQT, HS VOTEC					1	7	2				7	1		1	1				2						1		1	1		1	1	
FAIL MQT, PS VOTEC			1								3																				
FAIL MQT, R HS VOTEC					1	2					6	1							2				1	2					1		
FAIL MQT, R-PS VOTEC					1	1						1																	1		
	64	1	16	6	18	65	11	5	2	2	45	21	1	1	1	5	2	1	34	19	1	1	1	3	21	7	1	4	11	8	19	10

CODE	HS_STATE MO	MS	MT	NA	NC	ND	NE	NH	NI	NJ	NM	NV	NY	OH	OK	OR	PA	PI	PR	SC	SD	TN	TU	TX	UT	VA	VI	VN	WA	WI	WY	WY	ROW TOTAL	ROW PERCENT
PASS MQT, R HS VOTEC	1				2			1		1			4	3			2			3		4		1		6				3	2	1	62	8.2%
PASS MQT, R-PS VOTEC	1												1	3	1		1							2									39	5.2%
CONTROL GROUP	4	1			8		1	1	1	1	1	1	10	12	3	6	5			5		1		8	1	5			3		1		220	29.1%
PASS MQT, NON VOTEC	1	2			3								4	3	2		3			1		1		6		4				1	2		56	7.4%
PASS MQT, HS VOTEC		1	1							1			3	1		1				1				2		1			1	1	1		39	5.2%
PASS MQT, PS VOTEC							1			1														2							1		11	1.5%
FAIL MQT, NON VOTEC	4	7		1	6		1	1		1	3		8	12	2	1	8		3	14	1	3	1	38	3	7	1	1	1	2	7		239	31.6%
FAIL MQT, HS VOTEC	1	1			2	1	4							3						1				4		2				2	1		47	6.2%
FAIL MQT, PS VOTEC	2						1				1			1	1			1											1		1		13	1.7%
FAIL MQT, R HS VOTEC		1			1									3			3			1				1		2				1	1		31	4.1%
FAIL MQT, R PS VOTEC									1						1				1					1		1							10	1.3%
	14	13	1	1	21	1	8	3	2	5	5	1	30	43	10	8	21	1	4	24	1	9	1	55	4	26	1	1	6	10	17	1	757	100.0%

TABLE 2-3
Rawscore by Study Group

Rawscore	FREQUENCIES Control Group	Experimental Group	Row Total	Row Percentage
21	1		1	0.24%
22	2		2	0.48%
23	1		1	0.24%
25	4		4	0.96%
26	1		1	0.24%
27	3		3	0.72%
28	5		5	1.20%
29	9		9	2.16%
30	7		7	1.68%
31	8		8	1.92%
32	11		11	2.64%
33	5		5	1.20%
34	10		10	2.40%
35	5		5	1.20%
36	8		8	1.92%
37	11		11	2.64%
38	8		8	1.92%
39	7		7	1.68%
40	9		9	2.16%
41	10		10	2.40%
42	14		14	3.36%
43	8		8	1.92%
44	8		8	1.92%
45	6		6	1.44%
46	6	18	24	5.76%
47	8	14	22	5.28%
48	5	15	20	4.80%
49	3	13	16	3.84%
50	10	9	19	4.56%
51	3	11	14	3.36%
52		18	18	4.32%
53	3	5	8	1.92%
54	2	7	9	2.16%
55	2	13	15	3.60%
56		5	5	1.20%
57	3	5	8	1.92%
58	1	6	7	1.68%
59	2	5	7	1.68%
60	2	6	8	1.92%
61	1	3	4	0.96%
62	1	5	6	1.44%
63		4	4	0.96%
64		2	2	0.48%
65	2	2	4	0.96%
66	1	2	3	0.72%
67	1	2	3	0.72%
68		4	4	0.96%
69	1	2	3	0.72%
70		4	4	0.96%
71		1	1	0.24%
72		2	2	0.48%
73		3	3	0.72%
74		1	1	0.24%
76		2	2	0.48%
78		2	2	0.48%
79		2	2	0.48%
82		1	1	0.24%
84	1	1	2	0.48%
86		1	1	0.24%
88	1		1	0.24%
97		1	1	0.24%
	220	197	417	100%

Percentage of Control Group Scoring under 46 on MQT 73.18%
Percentage of Control Group Scoring 46 plus on MQT: 26.82%
Total 100.00%

TABLE 2-4
CONTROL AND EXPERIMENTAL GROUP BY GENDER

STUDYGRP STUDY GROUP IDENTIFIER - CONTROL/EXP
by GENDER GENDER OF THE PARTICIPANT/STUDENT

STUDYGRP	GENDER FEMALE	GENDER MALE	Row Total
CONTROL GROUP	53	167	220 52.8
EXPERIMENTAL GR	8	189	197 47.2
Column Total	61 14.6	356 85.4	417 100.0

CODE PARTICIPANT STUDY CLASSIFICATION by GENDER GENDER OF THE PARTICIPANT/STUDENT

CODE	GENDER FEMALE	GENDER MALE	Row Total
PASS MQT, R-HS V	3	59	62 8.2
PASS MQT, R-PS V		39	39 5.2
CONTROL GROUP	53	167	220 29.1
PASS MQT, NON VO	4	52	56 7.4
PASS MQT, HS VOT		29	29 3.8
PASS MQT, PS VOT	1	10	11 1.5
FAIL MQT, NON VO	53	186	239 31.6
FAIL MQT, HS VOT		47	47 6.2
FAIL MQT, PS VOT	3	10	13 1.7
FAIL MQT, R-HS V	2	29	31 4.1
FAIL MQT, R-PS V		10	10 1.3
Column Total	119 15.7	638 84.3	757 100.0

TABLE 2-5
CONTROL AND EXPERIMENTAL GROUP BY YEARS OF COLLEGE

STUDYGRP STUDY GROUP IDENTIFIER - CONTROL/EXP
by COL_YRS YEARS OF COLLEGE EXPERIENCE

STUDYGRP	COL_YRS 0	1	2	3	4	5	8	Row Total
CONTROL GROUP	177	16	18	3	3	2	1	220 52.8
EXPERIMENTAL GRO	167	14	9	5	2			197 47.2
Column Total	344 82.5	30 7.2	27 6.5	8 1.9	5 1.2	2 .5	1 .2	417 100.0

CODE PARTICIPANT STUDY CLASSIFICATION by COL_YRS YEARS OF COLLEGE EXPERIENCE

CODE	COL_YRS 0	1	2	3	4	5	8	Row Total
PASS MQT, R-HS V	60	2						62 8.2
PASS MQT, R-PS V	31	2	5	1				39 5.2
CONTROL GROUP	177	16	18	3	3	2	1	220 29.1
PASS MQT, NON VO	40	7	3	4	2			56 7.4
PASS MQT, HS VOT	25	3	1					29 3.8
PASS MQT, PS VOT	11							11 1.5
FAIL MQT, NON VO	199	23	11	3	3			239 31.6
FAIL MQT, HS VOT	44	2	1					47 6.2
FAIL MQT, PS VOT	11	1	1					13 1.7
FAIL MQT, R-HS V	31							31 4.1
FAIL MQT, R-PS V	9	1						10 1.3
Column Total	638 84.3	57 7.5	40 5.3	11 1.5	8 1.1	2 .3	1 .1	757 100.0

SECTION 3.0
STATISTICS

3.1 Descriptive Statistics

3.1.1 Descriptive statistics were generated for each non-demographic and summary response variable. Appendix 3 contains the SPSS output produced from the data sets. Appendix 4 contains a summary table that lists the mean, median, mode and standard deviation for each variable, including summary variables, broken out by group. Due to respondents failing to answer many questions, it was necessary to account for these missing responses by weighing valid responses. This enabled the analyst to conduct an "apples to apples" comparison. The algorithms used to weigh valid responses were as follows:

a. All valid responses for a particular section of the survey were summed.

b. This sum was divided by the number of valid responses for the selected section.

c. This quotient was multiplied by the number of items in the survey for the selected range.

The results of these algorithms approximate the sum of responses if there were no missing values. All summary variables were calculated this way.

3.1.2 The scale used to record instructor response was ordinal, which meant the responses provided by the instructors were ranked based on degree of opinion, using a six element scale (described in Section 2.0). In this situation, the median (middlemost score) would be more appropriate to base findings, but for simplicity of presentation, the descriptive statistics portion of the analysis focused primarily on the mean. The median score for each group is provided in Appendices 3 and 4. Also, Appendix 1 contains both survey instruments, with the median score circled for each response variable. Table 3-1 summarizes the responses for each part of the survey, listed by mean and divided by survey group.

3.1.2.1 Part II, Ratings of Course Annexes. Annex Difficulty and Annex Length sections reflect strong similarities between the control and experimental groups, since the difference in means was slight. The responses

TABLE 3-1
DESCRIPTIVE STATISTICS

AREA	#ITEMS	INSTRUCTORS 13 WEEK AIT N = 77 MEAN	INSTRUCTORS 13 WEEK AIT N = 77 STANDARD DEVIATION	INSTRUCTORS 4 WEEK AIT N = 12 MEAN	INSTRUCTORS 4 WEEK AIT N = 12 STANDARD DEVIATION
Content	6	24.907	5.910	26.417	4.166
Difficulty	6	20.616	6.909	20.417	5.107
Length	6	20.986	5.797	20.833	4.303
Total	18	66.403	15.452	67.667	8.835
Opinion of Course	41	172.351	21.581	173.833	17.735
Soldierization	6	23.904	4.825	25.909	3.239
Total Survey	65	264.478	30.061	264.909	23.032

for the section describing Annex Content reflected a difference of opinion.The thirteen-week AIT averaged a mean of 24.907 with a median of 24. The four-week AIT had a mean of 26.417 with a median of 27.

3.1.2.2 Part III, Instructor Opinion of Course. The average sum of this section for the thirteen-week instructor group was 172.351 (median was 172). The four-week mean was 173.833 (the median was 173). Overall, the opinions of the two groups were very similar.

3.1.2.3 Part V, Soldierization. The average sum of this section for the thirteen-week instructor group was 23.904 (median was 24). The four-week mean was 25.909 (median was 24). The difference between the two means could be attributed to a few exceedingly high or low scores. The median was more accurate since it weighed extreme scores much lower than the mean. Based on the median, the two groups were very similar in response.

3.1.2.4 Total Survey. The average sum for the entire thirteen-week survey was 264.478 (median 264). The four-week mean was 264.909 (median 265). These weighted means cover all pertinent sections from both surveys and exhibit a very close similarity.

3.1.3 Appendix 1 contains both survey instruments (regular thirteen-week AIT and four-week VOTEC AIT). Each response variable has been marked with the median score. Since the analysis was performed with the intent of determining if the instructors opinions were essentially the same, and not to determine how the instructors felt about particular items, a detailed analysis of the observations was not accomplished. Inclusion of the survey instruments with median scores marked should allow a more comprehensive understanding to be achieved by the reader.

3.2 Reliability Analysis (see Appendix 5)

3.2.1 A reliability analysis was performed to determine the reliability of the survey itself. This test determines if the survey is a reliable measure or scale, meaning that the scale will yield similar results when different people administer it and when alternative forms are used. When conditions for making the measurement change, the results of the test should not (Norusis, 1992b). Since the instructors who rated the four-week course were a subset of instructors teaching the regular course, the reliability analysis was performed only on the thirteen-week control group. Because missing values might distort the results, cases with missing values were excluded by SPSS. Since 39 cases from a total of 77 contained one or more missing values and were not included in the analysis, the remaining 38 cases formed the basis of the evaluation.

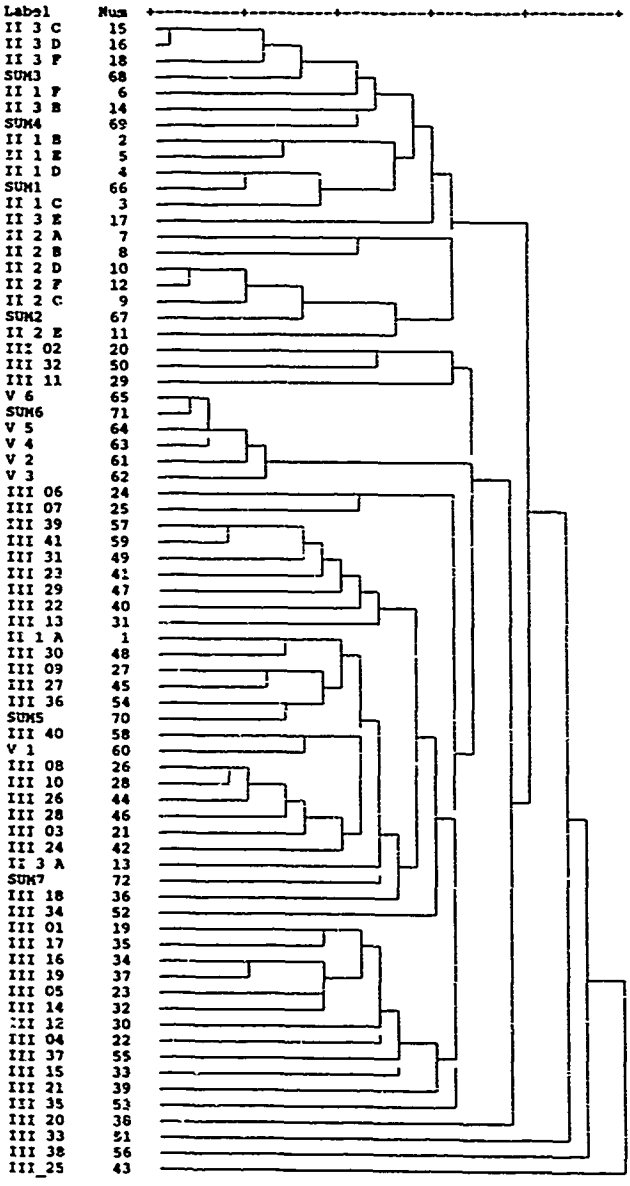
3.2.2 Based on the Analysis of Variance (ANOVA) portion of the reliability analysis, the probability of there being a difference between measures was very low, based on the Friedman's Chi-square test. In this instance, the ANOVA compared responses within the group, as opposed to comparing a control group to an experimental group, and is based on the sum of the frequencies observed.

3.2.3 Since there were several large variances in the scale (in light of the summary variables), the Standardized Item Alpha was used, which standardizes scores so that high or low variances do not adversely affect the analysis. This figure amounted to a very strong .9462. Therefore, the correlation between this scale and all other possible scales containing the same number of items, constructed from a hypothetical universe of items that measure similar characteristics, would be very strong. These results indicate that the survey instrument was a very reliable indicator of instructor opinions about the thirteen-week or four-week course.

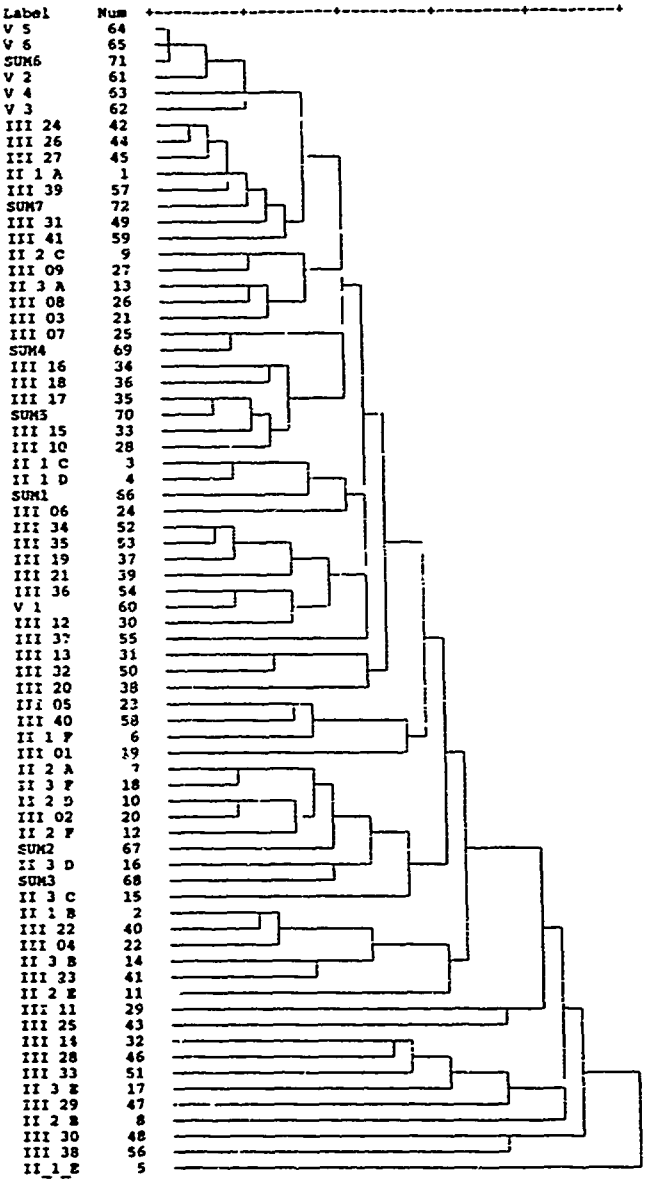
3.3 Cluster Analysis (see Appendix 6)

3.3.1 A cluster analysis was conducted in order to determine homogeneous groups of responses. Figures 3-1 (thirteen-week control group) and 3-2 (four-week experimental group) are Dendrograms that graphically portray these clusters. The Dendrogram is read from left to right, and depicts all groups, listed by variable. The dendrogram is limited in that it does not plot actual distances but re-scales them to numbers between 0 and 25. The ratio of the distances between steps is preserved, but the scale displayed at the top of the figure does not correspond to actual distance values (Norusis, 1992b). An agglomeration schedule and a horizontal icicle plot were provided in the appendix section, which provide better descriptions of the stages (agglomeration schedule) and distances between steps (horizontal icicle plot). Since variables containing missing values might distort the results, they were rejected from the analysis by SPSS: 38 valid responses were used from a possible 77. The means for the responses and summary variables were re-scaled in order to standardize the values. The chi-square measure, which is based on the chi-square test of equality for two sets of frequencies, was used for the analysis.

3.3.2 Five of six response variables from Part V, Soldierization (along with the Soldierization summary response variable) formed a single cluster, indicating that these responses were closely related. Part II, Opinions of Annexes, as well as part III, Opinions of Survey, were interspersed. Responses for the thirteen-week control group did not necessarily form groups reflecting the section of the questionnaire where they belong.



CONTROL GROUP DENDROGRAM
FIGURE 3-1



EXPERIMENTAL GROUP DENDROGRAM
FIGURE 3-2

3.3.3 Responses for the four-week experimental group for part V, Soldierization, also formed a cluster, similar to the thirteen-week control group. Responses for Soldierization were closely related between the two groups. Responses for part II, Ratings of Course Annexes, along with their summery variables, formed a large cluster. Part III, Opinions of Course, formed several large clusters.

3.4 T Tests (see Appendix 7)

3.4.1 The null hypothesis was that responses from the experimental group were not significantly different than responses from the control group. The alternate hypothesis was that responses from the experimental group were significantly different than responses from the control group.

3.4.2 Since the survey used an ordinal scale, the t test was not the best measure for the data. T tests normally are used to measure data that are parametric; ordinal data requires a nonparametric test (one that neither predicts the population parameter nor makes any assumptions regarding the normality of the underlying population distribution (Sprinthall, 1987)). The t test is provided merely as an additional statistical reference. T tests for independent samples, using the unequal variance two-tailed significance level were used for the analysis. A comparison between the control and experimental group variables revealed the following (see Table 3-2 for summary):

a. Experimental and control group variable SUM1, Annex Content, generated a two-tailed significance of .289. Based on this two-tailed significance, there was insufficient evidence to reject the null hypothesis. Responses from the experimental group were not significantly different than responses from the control group for this variable

b. Experimental and control group variable SUM2, Annex Difficulty, generated a two-tailed significance of .907. Based on this two-tailed significance, there was insufficient evidence to reject the null hypothesis. Responses from the experimental group were not significantly different than responses from the control group for this variable.

c. Experimental and control group variable SUM3, Annex Length, generated a two-tailed significance of .915. Based on this two-tailed significance, there was insufficient evidence to reject the null hypothesis. Responses from the experimental group were not significantly different than responses from the control group for this variable.

TABLE 3-2
TWO-TAILED SIGNIFICANCE
Comparison of 13 Week Control Group versus
4 Week Experimental VOTEC Group

SECTION OF SURVEY	VARIABLE	T TEST SIGNIFICANCE	WILCOXIN SIGNIFICANCE
Annex Content	SUM1	0.289	0.325
Annex Difficulty	SUM2	0.907	0.878
Annex Length	SUM3	0.915	0.518
Ratings of Course Annexes	SUM4	0.690	0.808
Instructors Opinion of Course	SUM5	0.797	0.838
Soldierization	SUM6	0.093	0.201
Total Survey	SUM7	0.957	0.922

NOTE: If significance level is below .05, reject hypothesis that states there is no significant difference between the responses for the 13 week course and the 4 week course. Since there are no probabilities that fall below .05, the null hypothesis is not rejected for either test for any summary response variable.

d. Experimental and control group variable SUM4, Rating of Annexes, generated a two-tailed significance of .690. Based on this two-tailed significance, there was insufficient evidence to reject the null hypothesis. Responses from the experimental group were not significantly different than responses from the control group for this variable.

e. Experimental and control group variable SUM5, Instructor Opinions of Course, generated a two-tailed significance of .797. Based on this two-tailed significance, there was insufficient evidence to reject the null hypothesis. Responses from the experimental group were not significantly different than responses from the control group for this variable.

f. Experimental and control group variable SUM6, Soldierization, generated a two-tailed significance of .093. Based on this two-tailed significance, there was insufficient evidence to reject the null hypothesis. Responses from the experimental group were not significantly different than responses from the control group for this variable.

g. Experimental and control group variable SUM7, Overall Course Survey, generated a two-tailed significance of .957. Based on this two-tailed significance, there was insufficient evidence to reject the null hypothesis. Responses from the experimental group were not significantly different than responses from the control group for this variable.

3.5 Mann-Whitney U - Wilcoxon Rank (see Appendix 3)

3.5.1 The Wilcoxon test is a nonparametric test, and therefore is appropriate for data using an ordinal scale. This test is not computed on the actual data, instead, the test ranks the data from smallest to largest value. The null hypothesis is then evaluated by comparing the sum of the ranks for each of the two groups. If the groups have the same distribution, their sample distributions of ranks should be similar. If one of the groups has more than its share of small or large ranks, there is reason to suspect that the two underlying distributions are different.

3.5.2 The null hypothesis was that responses from the experimental group were not significantly different than responses from the control group. The alternate hypothesis was that responses from the experimental group were significantly different than responses from the control group. The following is a description of the summary variables (see Table 3-2 for summary):

a. Experimental and control group variable SUM1, Annex Content, generated a two-tailed probability of .3246. Based on this two-tailed

probability, there was insufficient evidence to reject the null hypothesis. Responses from the experimental group were not significantly different than responses from the control group for this variable.

b. Experimental and control group variable SUM2, Annex Difficulty, generated a two-tailed probability of .8782. Based on this two-tailed probability, there was insufficient evidence to reject the null hypothesis. Responses from the experimental group were not significantly different than responses from the control group for this variable.

c. Experimental and control group variable SUM3, Annex Length, generated a two-tailed probability of .5180. Based on this two-tailed probability, there was insufficient evidence to reject the null hypothesis. Responses from the experimental group were not significantly different than responses from the control group for this variable.

d. Experimental and control group variable SUM4, Rating of Annexes, generated a two-tailed probability of .8077. Based on this two-tailed probability, there was insufficient evidence to reject the null hypothesis. Responses from the experimental group were not significantly different than responses from the control group for this variable.

e. Experimental and control group variable SUM5, Instructor Opinions of Course, generated a two-tailed probability of .8382. Based on this two-tailed probability, there was insufficient evidence to reject the null hypothesis. Responses from the experimental group were not significantly different than responses from the control group for this variable.

f. Experimental and control group variable SUM6, Soldierization, generated a two-tailed probability of .2013. Based on this two-tailed probability, there was insufficient evidence to reject the null hypothesis. Responses from the experimental group were not significantly different than responses from the control group for this variable.

g. Experimental and control group variable SUM7, Overall Course Survey, generated a two-tailed probability of .9221. Based on this two-tailed probability, there was insufficient evidence to reject the null hypothesis. Responses from the experimental group were not significantly different than responses from the control group for this variable.

3.5.3 Several response variables were significantly different. These were included on Table 3-3.

TABLE 3-3
SIGNIFICANT DIFFERENCES

Variable	Probability	Median for Control	Median for Experimental
Part II_1_A	.0367	4	5
Part II_1_F	.0201	4	5
Part III_17	.0243	4	5
Part III_28	.0002	5	4
Part III_30	.0000	6	2.5
Part III_39	.0197	4	5
Part III_40	.0360	4	4
Part III_41	.0241	4	5
Part V_1	.0086	4	5
Part V_2	.0228	4	4

Probabilities less than .05 were considered significant for the analysis. Out of the ten responses that possessed significant differences, six four-week experimental group variables had medians that were higher; two thirteen-week control group medians were higher; and two response variables were identical.

3.5.3.1 For the response variable Part II_1_A, which pertained to common subjects, there was a significant difference between instructor opinions for the two courses. The median score for the experimental group was higher (adequate) than the median score for the control group (somewhat adequate). This would indicate that the common subjects content in the abbreviated course was better than what was contained in the regular course.

3.5.3.2 Part II_1_F also dealt with annex content, specifically relating to the manner in which the two courses addressed recovery operations. The responses were significantly different between the two groups. Again, the instructors determined that the four-week course exceeded the regular course for the annex content of recovery operations. The experimental group was rated adequate; the regular course was rated overall as only somewhat adequate.

3.5.3.3 Part III_17 related to the setting for learning and training at the Army Training Center (ATC). The instructor group who rated the four-week course believed the training environment was significantly better (agree) for the VOTEC group than the regular thirteen-week course (somewhat agree). Since the training for both groups was conducted at the same ATC, with the same set of instructors, the differences would obviously be attributed to the students. Since the prerequisites for the VOTEC student group were higher, these results would be expected.

3.5.3.4 Part III_28 pertained to the Preventative Maintenance Checks and Services (PMCS) annex of the course, which asked if this portion of the course was given importance. The thirteen-week group of instructors agreed that this was the case, but the four-week VOTEC group only somewhat agreed that the PMCS annex was an important part. This difference of opinion was statistically significant.

3.5.3.5 Part III_30 asked if the hands-on training was an essential part of the AIT training course. In this instance, the thirteen-week instructor group strongly agreed that this was an integral part of the course. The four-week group response was split between somewhat disagree and disagree. This response contained the widest range.

3.5.3.6 Part III_39 wanted to know if the soldiers showed a desire to be good mechanics. The four-week VOTEC instructor group agreed with this statement, whereas the thirteen-week instructor group only somewhat agreed.

3.5.3.7 Part III_40 asked if the AIT course allowed time for soldiers to learn the necessary soldiering ("greening") skills. The median for this response was the same for each group. Although the medians were identical, the mean rank for each was different (46.13 for the control group; 30.71 for the experimental group) (see Appendix 8), which would account for the significant difference between the two variables.

3.5.3.8 Part III_41 queried the instructors about the soldiers exhibiting a desire to be good soldiers. The four-week instructor group agreed with this statement; the thirteen-week group somewhat agreed.

3.5.3.9 Part V_1 asked the instructor to determine if the soldier was a good light wheel vehicle mechanic. The four-week instructor group agreed with the statement; the thirteen-week group only somewhat agreed.

3.5.3.10 Part V_2 wanted to know if the soldier had good military appearance. As with question Part III_40, the median was the same for each group (somewhat agree). The mean rank for the control group was 40.4; the mean rank for the experimental group was 56.41, which again would account for the statistical significant difference.

SECTION 4.0
FINDINGS

4.1 Findings

Based on the analysis conducted on the data sets for the experimental group and the control for the instructor survey portion of the VOTEC analysis, the following findings were noted:

a. (Reference table 3-1) Based on the descriptive statistics, it was found that the attitudes expressed by the SMEs toward their respective groups were very similar. Instructors responding in the area of Annex Content rated the VOTEC group higher than the regular thirteen-week group. Also, the instructors of the four-week VOTEC course rated soldierization slightly higher for their group than did the instructors of the thirteen-week course. These were the only areas of noticeable differences in the overall responses of the instructors. Overall, based on the descriptive statistics, there was little difference between the response of the thirteen-week course versus the four-week course. By dividing the summary mean by the number of items (65), a weighted figure can be derived that approximates the average score for each item. The thirteen-week group would be 4.07; the four-week group would be 4.08. Based on the ordinal scale, both scores fall slightly above somewhat favorable, indicating that the instructors have similar opinions about the two courses, and their opinions were favorable toward them.

b. The results of the reliability analysis revealed, based on the standardized item alpha, that the correlation between this scale and all other possible scales containing the same number of items, which could be constructed from a hypothetical universe of items that measure similar characteristics, would be very strong.

c. Based on the cluster analysis, it was found that many of the response variables within survey sections clustered together. This would indicate a close relationship within the parts of a section.

d. Based on the t test, utilizing the unequal variance, it was found that there was insufficient evidence to reject the null hypothesis. Responses from the experimental group were not significantly different than responses from the control group for all summary variables.

e. Based on the Mann-Whitney U - Wilcoxon test, utilizing the

two-tailed probability, it was found that there was insufficient evidence to reject the null hypothesis. Responses from the experimental group were not significantly different than responses from the control group for all summary variables. There were ten response variables that did appear, based on the test, to have significant differences. However, in 60% of these instances, the median for the four-week experimental group was larger, indicating the frequency distribution for these variables contained higher scores overall. Two variables found the thirteen-week control possessing a higher median, and two were the same.

f. There was a statistically significant difference in how the instructors rated the desire (motivation level) of the students to be good mechanics and good soldiers. In both cases, the instructors believed the VOTEC students expressed a stronger desire to be successful soldier mechanics. When asked if the students actually were good light wheeled vehicle mechanics, the instructors believed that the VOTEC group significantly exceeded the regular thirteen-week group (see Table 3-3).

SECTION 5.0
CONCLUSIONS

5.1 Conclusions

a. It can be concluded, based on the statistical tests conducted, that overall, there was no significant difference between the responses of the experimental group versus the responses of the control group for the summary response variables. Also, there were no significant differences between survey results of the experimental SME group versus the control SME group.

b. The reliability of the tests, based on standardized item alpha, was very strong. This would mean that the survey used would be a strong predictor of SME opinion under different circumstances, using similar scales.

c. Overall SME opinions possessed a median of 4, defined as somewhat favorable, for both surveys.

d. In view of the response variables that were significantly different, the VOTEC group possessed the higher median score in the majority of instances. Additionally, the instructors not only believed that the VOTEC soldiers exhibited higher motivational levels than their control group counterparts, but also were better light wheeled vehicle mechanics.

SECTION 6.0
LITERATURE RESEARCHED

Agnew, Neil McK. and Sandra W. Pyke, 1987. *The Science Game*, 4th ed. Englewood Cliffs, NJ: Prentice-Hall, Inc

Cameron, Robert A. Jr., 1992a. *63B10 Light Wheeled Vehicle Mechanic VOTEC Pilot Study - Phase II.* Report prepared for Headquarters, Training and Doctrine Command

Cameron, Robert A. Jr., 1992b. Transmittal letter addressed to Scott Marshall with instructor survey data description enclosed

Fowler, Floyd J., 1984. *Survey Research Methods.* Newbury Park, CA: SAGE Publications, Inc

Levin, Richard I., 1984. *Statistics for Management*, 3d ed. Englewood Cliffs, NJ: Prentice-Hall, Inc

Norusis, Marija J., 1992a. *SPSS for Windows Base System User's Guide.* Chicago, IL: SPSS, Inc.

Norusis, Marija J., 1992b. *SPSS for Windows Professional Statistics.* Chicago, IL: SPSS, Inc.

Sprinthall, Richard C., 1987. *Basis Statistical Analysis*, 2d ed. Englewood Cliffs, NJ: Prentice-Hall, Inc

APPENDIX 1

Survey

Instruments

13 Week Control

Group

INSTRUCTOR SURVEY
MOS 63B
ADVANCED INDIVIDUAL TRAINING (AIT)

The TRADOC Analysis Command (TRAC) is conducting a study of the MOS 63B students in AIT. A very important part of this study is a survey of their instructors. Your opinions about this program are very important to the Army. TRADOC will use the data gathered to make improvements in this training program. Your answers to the survey will remain confidential under the Privacy Act of 1974.

Part I. **Background Information**:

Todays Date ___/___/___
Mo Da Yr

Name: _____

Social Security Number: _____

Rank: _____ Primary MOS: _____ Secondary MOS: _____

Did you take automotive VOTEC classes in High School? _____ Yes
_____ No

Did you take automotive VOTEC classes after High School at a community college or a VOTEC training center? _____ Yes _____ No

If Yes, Name:_____ State:_____

Where did you attend AIT? _____

When did you graduate? _____
Month Year

Time in Present Position: _____ yrs. _____ mo.

Before this assignment, did you have experience as an instructor?
_____ Yes _____ Yrs. Location: _____
_____ No

Did you receive formal instructor training before instructing this course? _____ Yes _____ No

Please list the annexes of AIT you instruct:

_____
_____
_____
_____
_____

Part II. AIT Annex Content, Difficulty and Length Ratings.

INSTRUCTIONS: On the page below you are to rate different aspects of the 63B AIT training course during the period 04/92 through the present. Your ratings are your opinion; there is no right or wrong answer. We need your opinion on the annex content, its difficulty and length of time spent training. Please circle the appropriate number using the rating scale below. There are three basic questions. For each question you are will provide your opinion about each of the six annexes.

1. Annex Content

	RATING SCALE					
	INADEQUATE				ADEQUATE	
	VERY		SOMEWHAT			VERY
a. Common Subjects.	1	2	3	4	5	6
b. Wheel Vehicle Operations	1	2	3	4	5	6
c. STE-ICE & TMDE	1	2	3	4	5	6
d. Brake Systems	1	2	3	4	5	6
e. PMCS	1	2	3	4	5	6
f. Recovery Operations	1	2	3	4	5	6

2. Annex Difficulty

	RATING SCALE					
	EASY				DIFFICULT	
	VERY		SOMEWHAT			VERY
a. Common Subjects.	1	2	3	4	5	6
b. Wheel Vehicle Operations	1	2	3	4	5	6
c. STE-ICE & TMDE	1	2	3	4	5	6
d. Brake Systems	1	2	3	4	5	6
e. PMCS	1	2	3	4	5	6
f. Recovery Operations	1	2	3	4	5	6

3.

3. Annex Length

	RATING SCALE					
	SHORT				LONG	
	TOO		ABOUT RIGHT			TOO
a. Common Subjects.	1	2	3	4	5	6
b. Wheel Vehicle Operations	1	2	3	4	5	6
c. STE-ICE & TMDE	1	2	3	4	5	6
d. Brake Systems	1	2	3	4	5	6
e. PMCS	1	2	3	4	5	6
f. Recovery Operations	1	2	3	4	5	6

Part III. Opinion Survey.

Instructions: The statements below describe some aspects of the 63B10 AIT training during the period 04/92 to the present. Use the rating scale below and circle a number in the response column. That number should reflect your agreement or disagreement with the statement. Please read each question carefully and answer every question.

Strongly Disagree	Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree
1	2	3	4	5	6

	RESPONSE
1. Overall I think this AIT course is about right for the soldiers.	1 2 3 (4) 5 6
2. There was usually enough time for lecture and discussion in each of the course annexes.	1 2 3 4 (5) 6
3. Because of course length, much of the training these soldiers require will become a unit responsibility through on-the-job training.	1 2 3 4 (5) 6
4. This AIT course prepares soldiers adequately for unit assignment.	1 2 3 (4) 5 6
5. Compared to other Army training, I think this AIT course is an excellent Army training program.	1 2 3 (4) 5 6
6. During training, the soldiers manuals and technical manuals were available to the soldiers when needed.	1 2 3 4 (5) 6
7. The course manuals were complete and provided help to soldiers in performing specific tasks.	1 2 3 4 (5) 6
8. The manuals were used by the soldiers when they performed specific tasks.	1 2 3 4 (5) 6
9. The soldiers could read and understand the manuals and course materials.	1 2 3 4 (5) 6
10. The soldiers were encouraged to use the manuals when performing tasks.	1 2 3 4 5 (6)

Strongly Disagree	Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree
1	2	3	4	5	6

	RESPONSE
11. This AIT Program of Instruction (POI) is well thought out and needs little, if any, revision.	1 2 (3) 4 5 6
12. Because of the material covered in the POI, 13 weeks is about the right amount of time for this AIT course.	1 2 3 (4) 5 6
13. The instructional blocks of the POI are taught in the proper sequence.	1 2 3 (4) 5 6
14. The length of this POI is adequate to reinforce general soldiering traits.	1 2 3 (4) 5 6
15. The facilities at this Army Training Center (ATC) are adequate for this type of training.	1 2 3 (4) 5 6
16. The ATC provided the necessary materials and facilities to conduct this course.	1 2 3 (4) 5 6
17. The training environment at this ATC provides the adequate setting for learning and training.	1 2 3 (4) 5 6
18. The ATC made the necessary equipment available to my classes at the proper time. (For example: Vehicles, Tools, TMDE, etc.)	1 2 3 (4) 5 6
19. The Common Subject annex course materials were adequate and promoted classroom discussion.	1 2 3 (4) 5 6
20. These AIT soldiers were [redacted] especially interested in the physical fitness.	1 2 3 (4) 5 6
21. The Wheel Vehicle Operations annex adequately described military specific characteristics of vehicles.	1 2 3 4 (5) 6
22. The Wheel Vehicle Operations annex provides soldiers the knowledge to perform maintenance on military vehicles.	1 2 3 (4) 5 6

Strongly Disagree	Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree
1	2	3	4	5	6

	RESPONSE
23. The Wheel Vehicle Operations annex allows enough time for the soldiers to get hands-on experience with military vehicles.	1 2 3 (4) 5 6
24. The Recovery Operations annex is essential for all 63B10 soldiers regardless of prior mechanical training.	1 2 3 4 (5) 6
25. Less time could be spent on the Recovery Operations annex without a significant impact on these soldiers performance.	1 2 (3) 4 5 6
26. The emphasis on shop safety and safe operations are basic parts of all annexes.	1 2 3 4 5 (6)
27. The AIT soldiers practice safe operations.	1 2 3 4 (5) 6
28. The PMCS annex was an important part of this course.	1 2 3 4 (5) 6
29. These AIT soldiers are confident in their ability to perform PMCS when assigned to a unit.	1 2 3 (4) 5 6
30. The hands-on training is an essential part of this AIT training.	1 2 3 4 5 (6)
31. These AIT soldiers can do the job when it comes to a hands-on test.	1 2 3 (4) 5 6
32. The within-course tests (written exams) are a fair measure of the material taught.	1 2 3 4 (5) 6
33. The soldiers' scores on written exams show what they can do when it comes to hands-on.	1 2 (3) 4 5 6

Strongly Disagree	Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree
1	2	3	4	5	6

	RESPONSE
34. The driver training is critical to this POI.	1 2 3 4 (5) 6
35. The military driving procedures in the POI are adequate to prepare AIT soldiers for unit assignment.	1 2 3 (4) 5 6
36. The AIT soldiers exhibit confidence in the TMDE once they understand how to use it.	1 2 3 (4) 5 6
37. The TMDE annex is adequate for this AIT course.	1 2 3 (4) 5 6
38. Because TMDE varies from unit to unit, less time could be spent at AIT on specific TMDE.	1 2 (3) 4 5 6
39. These soldiers show a desire to be good mechanics.	1 2 3 (4) 5 6
40. This AIT course allows the time for soldiers to learn the necessary soldiering ("greening") skills.	1 2 3 (4) 5 6
41. These soldiers show a desire to be good soldiers.	1 2 3 (4) 5 6

Part IV. Instructor Comments.

Instructions: Please use the space below to give us your comments about any part of this AIT training program. Your comments may include your observations of the soldiers, the ATC, as well as the AIT POI. Use the back of this paper as necessary. Thank you for your help.

INSTRUCTOR SURVEY -- SOLDIERIZATION
MOS 63B

PART V

The remainder of this survey pertains to the soldierization of AIT soldiers. The soldiers you instructed are a product of the 13-wk AIT at Fort Jackson. Please consider only 13-wk AIT soldiers in your answers t the five following questions. The statements below describe general aspects of soldierization. Use the rating scale below, circle a number the response column that reflects your agreement or disagreement with th statement.

Strongly Disagree 1	Disagree 2	Somewhat Disagree 3	Somewhat Agree 4	Agree 5	Strongly Agree 6

	RESPONSE
1. This soldier is a good light wheel vehicle mechanic.	1 2 3 (4) 5 6
2. This soldier has good military appearance.	1 2 3 (4) 5 6
3. This soldier displays proper military bearing.	1 2 3 (4) 5 6
4. This soldier uses proper military courtesies.	1 2 3 (4) 5 6
5. This soldier works well in a military environment.	1 2 3 (4) 5 6
6. This soldier is a good soldier.	1 2 3 (4) 5 6

Part VI. Instructor Comments on Soldierization.

Instructions: Please use the space below to give us your comments about these soldiers "soldierization" process as a result of th training they received at Ft Jackson.

4 Week Experimental Group

INSTRUCTOR SURVEY
MOS 63B VOTEC
ADVANCED INDIVIDUAL TRAINING
(Abbreviated AIT)

The TRADOC Analysis Command (TRAC) is conducting a study of the VOTEC students in the abbreviated AIT. A very important part of this study is a survey of their instructors. Your opinions about this program are very important to the Army. TRADOC will use the data gathered to make improvements in this training program. Your answers to the survey will remain confidential under the Privacy Act of 1974.

Part I. Background Information:

Todays Date ___/___/___
Mo Da Yr

Name: _____

Social Security Number: _____

Rank: _____ Primary MOS: _____ Secondary MOS: _____

Did you take automotive VOTEC classes in High School? _____ Yes
_____ No

Did you take automotive VOTEC classes after high School at a community college or a VOTEC training center? _____ Yes _____ No

If Yes, Name:_____ State:_____

Where did you attend AIT? _____

When did you graduate? _____
Month Year

Time in Present Position: _____ yrs. _____ mo.

Before this assignment, did you have experience as an instructor?
_____ Yes _____ Yrs. Location: _____
_____ No

Did you receive formal instructor training before instructing this course? _____ Yes _____ No

Please list the annexes of AIT you instruct:

_____
_____
_____
_____
_____

Part II. AIT Annex Content, Difficulty and Length Ratings.

INSTRUCTIONS: On the page below you are to rate different aspects of the four week (VOTEC) AIT training course. Your ratings are your opinion; there is no right or wrong answer. We need your opinion on the annex content, its difficulty and length of time spent training. Please circle the appropriate number using the rating scale below. There are three basic questions. For each question please provide your opinion about each of the six annexes.

1. Annex Content

	RATING SCALE						
	INADEQUATE				ADEQUATE		
	VERY		SOMEWHAT			VERY	
a. Common Subjects.	1	2	3	4	5	6	
b. Wheel Vehicle Operations	1	2	3	4	5	6	
c. STE-ICE & TMDE	1	2	3	4	5	6	4.5
d. Brake Systems	1	2	3	4	5	6	
e. PMCS	1	2	3	4	5	6	
f. Recovery Operations	1	2	3	4	5	6	

2. Annex Difficulty

	RATING SCALE						
	EASY				DIFFICULT		
	VERY		SOMEWHAT			VERY	
a. Common Subjects.	1	2	3	4	5	6	
b. Wheel Vehicle Operations	1	2	3	4	5	6	
c. STE-ICE & TMDE	1	2	3	4	5	6	
d. Brake Systems	1	2	3	4	5	6	3.5
e. PMCS	1	2	3	4	5	6	
f. Recovery Operations	1	2	3	4	5	6	

3. Annex Length

	RATING SCALE						
	SHORT				LONG		
	TOO		ABOUT RIGHT			TOO	
a. Common Subjects.	1	2	3	4	5	6	
b. Wheel Vehicle Operations	1	2	3	4	5	6	
c. STE-ICE & TMDE	1	2	3	4	5	6	
d. Brake Systems	1	2	3	4	5	6	
e. PMCS	1	2	3	4	5	6	
f. Recovery Operations	1	2	3	4	5	6	3.5

Part III. Opinion Survey.

Instructions: The statements below describe some aspects of the four week 63B10 AIT training . Use the rating scale below and circle a number in the response column. That number should reflect your agreement or disagreement with the statement. Please read each question carefully and answer every question.

Strongly Disagree	Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree
1	2	3	4	5	6

	RESPONSE	
1. Overall I think this four-week AIT course is about right for VOTEC soldiers.	1 2 3 (4) 5 6	
2. There was usually enough time for lecture and discussion in each of the course annexes.	1 2 3 (4) 5 6	
3. Because the course was short; much of the training these soldiers require will become a unit responsibility through on-the-job training.	1 2 3 4 (5) 6	
4. Given these VOTEC soldiers' prior training, this AIT course has prepared them adequately for unit assignment.	1 2 3 (4) 5 6	
5. Compared to other Army training, I think this AIT course is an excellent Army training program.	1 2 3 4 5 6	4.5
6. During training, the soldiers manuals and technical manuals were available to the soldiers when needed.	1 2 3 4 (5) 6	
7. The course manuals were complete and provided help to soldiers in performing specific tasks.	1 2 3 4 (5) 6	
8. The manuals were used by the soldiers when they performed specific tasks.	1 2 3 4 (5) 6	
9. The soldiers could read and understand the manuals and course materials.	1 2 3 4 (5) 6	
10. The soldiers were encouraged to use the manuals when performing tasks.	1 2 3 4 (5) 6	

Strongly Disagree	Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree
1	2	3	4	5	6

		RESPONSE	
11.	This AIT Program of Instruction (POI) is well thought out and needs little, if any, revision.	1 2 3 (4) 5 6	
12.	Because of the soldiers' previous VOTEC training and experience, four weeks is about the right amount of time for this AIT course.	1 2 3 (4) 5 6	
13.	The instructional blocks of the POI are in proper sequence for VOTEC soldiers.	1 2 3 4 (5) 6	
14.	The length of this POI is adequate to to reinforce general soldiering traits.	1 2 3 4 (5) 6	
15.	The facilities at this Army Training Center (ATC) are adequate for this type of training.	1 2 3 (5) 5 6	
16.	The ATC provided the necessary materials and facilities to conduct this course.	1 2 3 (5) 5 6	
17.	The training environment at this ATC provides the adequate setting for learning and training.	1 2 3 4 (5) 6	
18.	The ATC made the necessary equipment available to my classes at the proper time. (For example: Vehicles, Tools, TMDE, etc.)	1 2 3 4 (5) 6	
19.	The Common Subjects annex course materials were adequate and promoted classroom discussion.	1 2 3 (4) 5 6	
20.	The VOTEC soldiers were not especially interested in the physical fitness.	1 2 3 (4) 5 6	
21.	The Wheel Vehicle Operations annex adequately described military specific characteristics of vehicles.	1 2 3 4 5 6	4.5
22.	The Wheel Vehicle Operations annex provides knowledge to perform adequate maintenance on military vehicles.	1 2 3 4 5 6	3.5

Strongly Disagree	Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree
1	2	3	4	5	6

		RESPONSE	
23.	There is really no significant difference in the Wheel Vehicle Operations annex between the regular and abbreviated AIT courses.	1 2 3 (4) 5 6	
24.	The Recovery Operations annex is essential for all 63B10 soldiers regardless of prior mechanical training.	1 2 3 4 (5) 6	
25.	Less time could be spent on the Recovery Operations annex without a significant impact on these VOTEC soldiers' performance.	1 (2) 3 4 5 6	
26.	The emphasis on shop safety and safe operations are basic parts of all annexes.	1 2 3 4 5 (6)	
27.	The VOTEC soldiers practice safe operations.	1 2 3 4 (5) 6	
28.	The prior training of the VOTEC soldiers in PMCS allows for an abbreviated PMCS annex.	1 2 3 (4) 5 6	
29.	Although the time allotted to the PMCS annex was short, the VOTEC soldiers prior training will allow them to perform PMCS at the unit.	1 2 3 (4) 5 6	
30.	The hands-on training is not as necessary for these VOTEC soldiers as for the regular AIT soldiers.	1 2 3 4 5 6	2.5
31.	The VOTEC soldiers can do the job when it comes to a hands-on test.	1 2 3 (4) 5 6	
32.	The within-course tests (written exams) for the abbreviated AIT annex are essentially the same as the annex tests for the regular AIT.	1 2 3 (4) 5 6	
33.	The VOTEC soldiers' scores on written exams show what they can do when it comes to hands-on.	1 2 (3) 4 5 6	

Strongly Disagree	Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree
1	2	3	4	5	6

	RESPONSE
34. The driver training is critical to this POI.	1 2 3 4 (5) 6
35. The military driving procedures in the POI are adequate to prepare VOTEC soldiers for unit assignment.	1 2 3 (4) 5 6
36. The VOTEC soldiers exhibit more confidence in the TMDE than the regular AIT soldiers.	1 2 3 4 (5) 6
37. The TMDE annex is adequate for these VOTEC soldiers because of their prior training.	1 2 3 (4) 5 6
38. Because of the VOTEC soldiers prior training, less time could be spent on the TMDE annex.	1 2 (3) 4 5 6
39. These VOTEC soldiers show a desire to be good mechanics.	1 2 3 4 (5) 6
40. This four week AIT course allows the time for VOTEC soldiers to learn the necessary soldiering ("greening") skills.	1 2 3 (4) 5 6
41. These VOTEC soldiers show a desire to be good soldiers.	1 2 3 4 (5) 6

Part IV. Instructor Comments.

Instructions: Please use the space below to give us your comments about any part of this four week AIT training program. Your comments may include your observations of the VOTEC soldiers, the ATC, as well as the AIT POI. Use the back of this paper as necessary. Thank you for your help.

INSTRUCTOR SURVEY -- SOLDIERIZATION
MOS 63B

PART V

The remainder of this survey pertains to the soldierization of AIT soldiers. The soldiers you instructed are a product of the 4-wk AIT at Fort Jackson. Please consider only 4-wk AIT soldiers in your answers to the five following questions. The statements below describe general aspects of soldierization. Using the rating scale below, circle a number in the response column that reflects your agreement or disagreement with the statement.

Strongly Disagree 1	Disagree 2	Somewhat Disagree 3	Somewhat Agree 4	Agree 5	Strongly Agree 6

	RESPONSE
1. This soldier is a good light wheel vehicle mechanic.	1 2 3 4 (5) 6
2. This soldier has good military appearance.	1 2 3 (4) 5 6
3. This soldier displays proper military bearing.	1 2 3 (4) 5 6
4. This soldier uses proper military courtesies.	1 2 3 4 (5) 6
5. This soldier works well in a military environment.	1 2 3 (4) 5 6
6. This soldier is a good soldier.	1 2 3 (4) 5 6

Part VI. Instructor Comments on Soldierization.

Instructions: Please use the space below to give us your comments about these soldiers "soldierization" process as a result of the training they received at Ft Jackson.

APPENDIX 2

Data Sets

13 Week Control

Group

CONTROL GROUP

REC ID	DATE	RANK	PRIM MOS	SEC MOS	VOTEC HS	VOTEC AH	SCHL VOT
1	920908	E6	63B3C		N	Y	AUSTIN PEAY UNIV
2	920909	E6	63B30		Y	Y	CENTRAL TEXAS COLLEG
3	920908	E6	63B3HH8	76Y	Y	Y	
4	920908	E6	63B3		N	Y	
5	920908	E7	63B	76Y	N	N	
6	920908	E6	63B30H	88M30	Y	N	
7	920908	E5	63B2H		N		
8	920908	E7	63B40	6.20E+41	N	Y	CENTRAL TEXAS COLLEG
9	920908	E6	63E3H	11B3P	N	Y	FAYETTEVILLE TECH CO
10	920909	E7	63B4V	88M	Y	N	
11	920808	E7	63B4H	76Y4		N	
12	920908	E6	63B3H		Y	Y	CENTRAL TEXAS COLLEG
13	920908	E7	63H40	63B40	N	Y	
14	921008	E6	63B30		N	Y	CENTRAL TEXAS COLLEG
15	921008	E6	63B30	88M30	Y	Y	CENTRAL TEXAS COLLEG
16	920908	E6	63B30	31J30	Y	N	
17	920908	E7	63B4HH8		Y	Y	CENTRAL TEXAS COLLEG
18	920909	E7	63B40	63H	Y	Y	UNIV OF MARYLAND
19	920909	E6	63B3H	68M	N	N	
20	920908	E7	63B	52D	N	N	
21	920908	E7	63B	63H	N	N	
22	920908	E6	63B3H	76Y30	Y	N	
23	920908	E6	63B30H		N	N	
24	920908	E6	63B		Y	N	
25	920908	E6	63B	88M	N	N	
26	920908	E7	63B4H		Y	Y	CENTRAL TEXAS COLLEG
27	920908	E6	63B3H	88M	N	N	
28	920908	E5	63B	11B	N	N	
29	920908	E6	63B3Y		Y	Y	HAHNELL
30	920908	E7	63B	76Y	Y	Y	CENTRAL TEXAS COLLEG
31	920909	E5	63B20		N	N	
32	920908	E7	63B4H	11B40	Y	N	
33	920909	E6	63B		N	N	
34	920908	E6	63B3		Y	N	
35	920909	E6	63B30		N		
36	920908	E7	63B4H	88M	Y	Y	CENTRAL TEXAS COLLEG
37	920908	E5	63B20		N	N	
38	920908	E6	63B30H	63T30	Y	N	
39	920908	E7	63B	11B	N	N	
40	920908	E6	63B3	63T3	N	N	
41	920908	E6	63B30H		Y	N	
42	920908	E6	63B		N	Y	CENTRAL TEXAS COLLEG
43	920908	E6	63B30H		Y	N	
44	920910	E6	63B30H		N	N	
45	910908	E6	63B30H	52D30H	N	N	
46	920908	E6	63B	52D	N	N	
47	920908	E7	63B	11B	Y	N	
48	920908	E6	63B	88M	N	N	
49	920908	E7	63B	88M	N	N	
50	920908	E6	63B30H	52D30	N	N	
51	920908	E6	63B30		N	N	
52	920908	E7	63B40H	57H40	Y	N	
53	920908	E6	63B		Y	N	
54	920908	E7	63B4H	16D40	N	N	
55	920908	E7	63B40	76Y40	N	N	

CONTROL GROUP

REC ID	DATE	RANK	PRIM MOS	SEC MOS	VOTEC HS	VOTEC AH	SCHL VOT
56	920909	E6	63B		N	N	
57	920909	E6	63B3H		N	Y	TEXAS STATE TECH INS
58	920909	E6	63B3H		N	Y	CENTRAL TEXAS COLLEG
59	920909	E5	63B2H		Y	N	
60	920909	E7	63B40	76Y40	N	Y	CENTRAL TEXAS COLLEG
61	920909	E7	63B1	63N	N	N	
62	920909	E6	63B30		N	N	
63	920908	E6	63B3H		N	N	
64	920908	E6	63B30H		Y	Y	CENTRAL TEXAS COLLEG
65	920908	E6	63B30	51M30	Y	N	
66	920908	E6	63B3H		N	Y	MIDLAND TECH
67	920908	E6	63B3H		Y	N	
68	920908	E6	63B4H	11B	Y	N	
69	920908	E5	63B		Y	N	
70	920908	E6	63B		N	Y	NASHVILLE AUTO/DIESE
71	921008	E6	63B30		N	Y	HAWKEYE INST OF TECH
72	920908	E6	63B	76Y	N	N	
73	920909	E6	63B	11B	Y	Y	CENTRAL TEXAS COLLEG
74	920908	E6	63B3H	11B3H	N	Y	CENTRAL TEXAS COLLEG
75	920908	E7	63B4H	76Y		N	
76	920908	E7	63B40		N	N	
77	920908	E5	63B20		N	N	

CONTROL GROUP

REC ID	SCH STAT	AIT LOCA	DATE GRA	TIME POS	PAST INS
1	TN	FT JACKSON, SC	8112	11.20	N
2		FT LEONARD WOOD, MO	8307	1.67	N
3		FT LEONARD WOOD, MO	0	2.67	N
4	FL	FT LEONARD WOOD, MO	7902	1.00	Y
5		FT LEONARD WOOD, MO	8304	.67	N
6		FT DIX, NJ	7910	.67	N
7		FT DIX, NJ	8112	1.67	N
8	NC	FT BRAGG, NC	0	.00	N
9	NC	FT DIX, NJ	7909	.25	N
10		FT JACKSON, SC	7905	.42	N
11			7500	.00	N
12	KS	FT LEONARD WOOD, MO	8203	.75	N
13			0	.58	N
14	KO	FT LEONARD WOOD, MO	8412	1.83	N
15	XS	FT JACKSON, SC	8202	.92	N
16		FT JACKSON, SC	7805	2.58	N
17	NC	ABERDEEN, MD	7512	2.00	N
18	KO	FT POLK, LA	7210	.75	N
19		FT JACKSON, SC	8303	1.33	N
20		FT JACKSON, SC	7900	.67	N
21		FT LEONARD WOOD, MO	7604	.42	N
22		FT KNOX, KY	7712	.08	N
23		FT DIX, NJ	8302	1.08	N
24		FT JACKSON, SC	8300	.92	N
25		FT KNOX, KY	7912	1.08	N
26	TX	FT LEONARD WOOD, MO	7909	.75	N
27		FT BELVOIR, VA	7	.58	N
28		FT BENNING/JACKSON	0	.67	N
29	CA	FT JACKSON, SC	7505	.50	Y
30	TX	FT JACKSON, SC	8300	.42	N
31			0	.00	N
32		FT KNOX, KY	7706	.25	N
33		FT DIX, NJ	8009	3.33	N
34		FT DIX, NJ	8002	.67	N
35		FT DIX, NJ	8103	.50	N
36	TX	FT DIX, NJ	7901	1.75	N
37		FT DIX, NJ	7911	3.33	Y
38		FT KNOX, KY	7809	1.00	N
39		FT DIX, NJ	7404	1.17	Y
40		FT KNOX/FT JACKSON	8705	1.75	N
41		FT JACKSON, SC	7906	.75	N
42		FT LEONARD WOOD, MO	8305	1.83	N
43		FT JACKSON, SC	8509	1.75	N
44		FT JACKSON, SC	7903	13.90	N
45			0	13.20	N
46		FT DIX, NJ	7905	.33	N
47		FT LEONARD WOOD, MO	7206	.67	N
48		FT DIX, NJ	7605	1.25	N
49		FT DIX, NJ	7810	.83	N
50		FT LEONARD WOOD, MO	7810	.58	Y
51		FT JACKSON, SC	8203	.50	N
52		FT JACKSON, SC	7910	.42	Y
53		FT BENNING/FT JACKSO	8312	1.00	N
54		OJT -FT RUCKER, AL	7202	1.25	N
55		FT LEONARD WOOD, MO	7908	.00	N

REC ID	SCH STAT	AIT LOCA	DATE GRA	TIME POS	PAST INS
56		FT KNOX, KY	8202	.75	N
57	TX	FT DIX, NJ	8610	1.00	N
58	GA	FT DIX, NJ	8205	1.00	N
59		FT JACKSON, SC	8409	.92	N
60	TX	FT JACKSON, SC	7610	.83	N
61		FT DIX/FT KNOX	7209	1.00	N
62		FT DIX, NJ	8309	1.00	Y
63		FT LEONARD WOOD, MO	8109	.75	N
64	KO	FT DIX, NJ	8101	1.00	N
65			8005	.25	N
66		FT JACKSON, SC	8402	1.50	N
67		DID NOT ATTEND AIT	0	.75	N
68		FT JACKSON, SC	7711	1.08	N
69		FT JACKSON, SC	8608	1.01	N
70	TN	FT JACKSON, SC	8103	1.67	N
71	IA	FT JACKSON, SC	8706	.75	N
72		FT JACKSON, SC	7920	1.83	N
73	GE	FT LEONARD WOOD, MO	8307	.67	N
74	KO	FT DIX/FT KNOX	7303	1.00	N
75		FT JACKSON, SC	8103	.83	N
76		FT JACKSON, SC	8110	.67	Y
77		FT JACKSON, SC	8211	.50	N

CONTROL GROUP

REC ID	PAST SCH	INSTR TR	AIT ANNE	II 1 A	II 1 B	II 1 C
1		Y	A-K, 84 OF 116 POI	4	5	4
2		Y	A,H	4	4	4
3		Y	K-RECOVERY	4	4	4
4	HEIDELBERG, FRG	Y	ELEC MAINT;AUTOMOTIV	5	2	5
5		Y	G ANNEX	4	4	4
6		N				
7		Y	TEAM TEACHER	4	4	4
8		Y	G ANNEX			
9		Y	G ANNEXES			
10		Y	G HYDRAULICS, BRAKES	5		
11		Y				
12		Y	D ANNEX	4	4	
13		Y	D ANNEX	5	1	2
14		Y	PMCS; VOTEC	3	3	3
15		Y	L; VOTEC	4	4	5
16		Y	G ANNEX;VOTEC D			
17		Y	A - K ANNEX	4	4	5
18		Y	E ANNEX; B ANNEX	4	4	4
19		Y	A ANNEX "COMMON SUB"	5	5	5
20		Y	F ANNEX			3
21		Y	F ANNEX ELECTRICITY	5		5
22		Y	FANNEX; K ANNEX	4	2	4
23		Y	F ANNEX ELECTRICITY	5		5
24		Y	F ANNEX	6		6
25		N	F ANNEX ELECTRICAL			5
26		Y	F	5	5	5
27		Y	AUTO ELECT; RECOVERY			
28		Y	K ANNEX (RECOVERY)			
29	FT LEONARD WOOD, MO	Y	ASI: K ANNEX	3	3	3
30		Y	ELECTRICITY;RECOVERY			5
31		Y	H ANNEXES;K ANNEXES			
32		Y	H ANNEX	5	5	5
33		Y	STEER&SUSP; A ANNEX	3	5	3
34		Y	F ANNEX	4		4
35		Y	F ANNEX AUTO ELECTRI	4	4	4
36		Y	B,G,E,H	5	6	6
37	DRILL SERGEANT, 2 YR	Y	DRILL SGT; B ANNEX	5	5	6
38		Y	D ANNEX; L ANNEX	3		
39	FT JACKSON, 1 YR	Y	D ANNEX	3		
40		N		4	4	4
41		Y	D ANNEX	3		
42		Y	D ANNEX	6	1	1
43		Y	(B) ANNEX; (H) ANNEX	3	5	5
44		Y	D,E,H,J,Z ANNEXES	4	4	4
45		Y	E, G ANNEXES	5	5	5
46		Y	F ANNEX	3	4	3
47		Y	B;Z ANNEXES	4	4	6
48		Y	J ANNEX; TEAM TEACHE	1	1	4
49		Y	J ANNEX	5	4	1
50	FT JACKSON, SC 3 YRS	Y	J ANNEX	4	4	4
51		Y	J ANNEX	3	3	3
52	ABERDEEN PG, MD, 3 Y	N	J ANNEX PMCS	4	6	1
53		Y	J ANNEX PMCS	5	4	1
54		Y	J ANNEX	5	5	5
55		Y	J ANNEX; L ANNEX	4	4	5

REC ID	PAST SCH	INSTR TR	AIT ANNE	II 1 A	II 1 B	II 1 C
56		Y	B; L; C ANNEXES		4	4
57		Y	L ANNEX		6	
58		Y	C ANNEX DRIVERS TNG	4	5	4
59		Y	C-ANNEX DRIVERS TNG	2	5	2
60		Y	C- DRIVERS TRAINING	4	3	4
61		Y	C ANNEX DRIVERS TNG		5	
62		Y	G; C ANNEXES	3	5	4
63		N	B ANNEX TEAM TEACH	4	4	4
64		Y	TEAM TEACHER	5	5	5
65		Y	ALL ANNEXES [?]	4	5	6
66		Y	C ANNEX;TEAM TEACHER	5	5	6
67		Y	TEAM TEACHER	3	3	3
68		Y	K ANNEX;TEAM TEACHIN	4	5	3
69		Y	C; TEAM TEACHER	5	6	5
70		Y		5	4	4
71		Y	TEAM TEACHER A-L	5	4	5
72		Y	PMCS	5	5	5
73		Y	TEAM TEACHER	5	4	4
74		Y	I ANNEX	3	4	
75		Y	I ANNEX	3	4	
76	RAMSTEIN, GE, 1.5YR	N	I ANNEX	3	3	
77		Y	I ANNEX			
				4.097	4.123	4.103

CONTROL GROUP

REC ID	II 1 D	II 1 E	II 1 F	II 2 A	II 2 B	II 2 C	II 2 D	II 2 E	II 2 F	II 3 A
1	3	3	4	3	2	4	3	2	4	4
2	4	4	4	4	3	3	3	2	4	4
3	4	4	4	4	4	4		5	5	4
4	4	2	4	4	4	4	4	4	4	5
5	4	4	4	4	4	4	4	4	4	4
6	4						2			
7	4	4	4	1	1	3	4	3	3	4
8	6						6			
9	5						3			
10	5						5			
11	1						1			
12				1	1					5
13	2	2	2	3	2	2	2	2	2	5
14	3	3	3	3	3	3	3	3	3	
15	5	2	2	3	2	4	3	5	4	3
16	5						5			
17	5	4	6	2	3	3	4	3	5	4
18	4	4	4	4	4	4	4	4	4	4
19	5	5	5	4	4	4	4	4	4	3
20						1				
21				3		3				4
22	2	2	3			2			2	
23				4		4				4
24				4		4				3
25										
26	5	5	5	2	2	2	3	3	3	6
27			5						3	
28			4						4	
29	3	3	3	3	3	3	3	3	3	3
30			5						6	
31									4	
32	5	5	5							4
33	4	3	5	3	3	3	3	3	3	3
34				4		4				5
35	4	4	4	2	2	2	2	2	2	3
36	5	5	4	4	4	4	4	4		4
37	5	5	6	6	6	6	5	5	6	5
38				4						5
39				2						1
40	4	4	4	3	4	5	5	2	6	4
41				2						1
42	1	1	1	4	1	1	1	1	1	6
43	5	5	5	3	3	4	4	5	5	5
44	4	4	4	4	4	4	4	4	4	4
45	6	5	5	2	2	2	3	2	3	3
46	4	2	3	3	4	4	5	3	5	3
47	5	4	6	5	5	6	5	4	6	3
48	4	1	4	2	2	6	6	2	6	4
49	5	6	5	1	2		3	6	4	4
50	4	4	4	4	4	4	4	4	4	4
51	3	4	4	3	3	3	3	3	3	3
52	3	6	4	3	1	4	6	4	6	4
53	3	5	1	4	4	1	1	4	1	4
54	5	5	5	4	4	4	4	4	4	4
55	5	6	2	4	5	3	3	1	4	5

CONTROL GROUP

REC ID	II 1 D	II 1 E	II 1 F	II 2 A	II 2 B	II 2 C	II 2 D	II 2 E	II 2 F	II 3 A
56					4	4				4
57					4					
58	5	5	6	4	4	4	4	4	5	3
59	2	5	2	2	4	2	2	4	2	
60	4	4	4	4	5	4	4	4	4	3
61					2					
62	6	3		1	1	1	1	1	1	3
63	5	4	4	2	2	2	2	2	2	6
64	5	5	5	5	5	4	5	5	5	3
65	6	6	6	4	4	4	4	4	4	4
66	6	5	5	4	2	5	6	5	5	4
67	3	3	3	4	4	4	4	4	4	3
68	4	4	5	4	5	3	5	5	5	4
69	6	6	6	4	2	4	4	3	5	4
70	4	4	5	3	4	3	4	3	3	4
71	5	5	5	6	5	5	4	4	5	4
72	5	5	3	4	2	2	3	2	3	2
73	5	5	4	4	5	6	5	4	4	4
74		3		3	2					2
75		3		3	3					4
76										
77										
	4.250	4.038	4.135	3.328	3.222	3.481	3.642	3.438	3.865	3.845

CONTROL GROUP

REC ID	II 3 B	II 3 C	II 3 D	II 3 E	II 3 F	III 01	III 02	III 03	III 04	III 05	III 06
1	5	3	3	3	4	3	4	6	2	2	2
2	4	4	4	4	4	5	4	4	4	5	3
3	4	4	3	5	3	4	5	4	4	4	5
4	5	5	4	5	5	5	5	5	4	4	5
5	4	4	4	4	4	3	4	5	2	3	5
6			4			4	4	5	2	3	6
7	4	4	4	4	4	4	4	5	4	3	4
8			5			4	5	4	5	4	4
9			4			5	5	4	4	5	6
10			4			5	5	4	4	4	5
11			1			6	4	3	3	4	5
12	5					1	5	3	2	3	6
13	2	2	2	2	2	4	6	6	4	4	6
14	3	3	3	3	3	5	3	5	4	4	3
15	3	3	3	1	1	3	4	6	3	4	5
16			5			5	5	5	4	4	5
17	5	4	4	4	4	3	5	6	3	3	6
18	4	4	4	4	4	4	4	4	4	4	4
19	4	3	3	4	4	5	5	6	4	4	4
20		3				1	5	5	1	1	5
21		4				4	5	6	4	4	4
22			5		2	3	6	6	2	3	2
23		4				4	6	5	4	3	5
24		6				4	6	4	4	4	6
25						5	5	6	5	4	3
26	3	3	3	6	3	3	5	5	5	5	6
27					4	3	5	6	1	3	6
28					4	4	4	5	3	3	4
29	3	3	3	3	3	3	4	6	6	5	3
30					4	5	5	4	4	5	3
31					4	4	4	4	4	4	4
32	4	4	4	4	4	5	5	5	5	5	5
33	4	4	4	3	4	5	3	5	2	3	4
34		3				4	5	3	3	4	4
35	3	3	3	3	3	5	5	5	5	3	5
36	4	4		4		2	5	4	4	4	5
37	5	5	5	5	5	4	4	5	5	5	5
38						5	5	3	1	4	6
39						3	3	2	2	3	5
40	4	2	2	2	2	5	1	6	3	4	6
41						3	3	1	1	3	5
42	1	1	1	1	1	4	2	6	3	4	6
43	3	4	4	3	4	5	5	4	4	5	6
44	4	4	4	4	4	5	4	6	4	4	4
45	3	3	3	3	3	5	5	6	3	5	5
46	3	2	2	3	2	3	2	5	3	4	5
47	4	6		5	6	2	3	4	2	3	6
48	2	4	4	2	4	1	3	6	1	1	1
49	4	1	1	4	1	5	6	5	4	5	6
50	4	4	4	4	4	4	4	3	4	5	5
51	3	3	3	3	3	3	4	5	3	4	3
52	4	1	1	4	1	1	6	6	1	1	1
53	4	1	1	4	1	4	5	6	3	4	4
54	4	4	4	2	4	2	3	6	2	4	5
55	4	2	4	5	2	3	5	5	4	2	6

FC ID	II 3 B	II 3 C	II 3 D	II 3 E	II 3 F	III 01	III 02	III 03	III 04	III 05	III 06
56	4	3				3	4	6	4	3	4
57	2					3	4	5	2	4	6
58	4	3	4	4	3	1	2	6	2	3	6
59	4	2	2	4	2	3	4	5	3	4	5
60	1	3	3	3	3	4	4	6	1	4	6
61	1					3	5	6	3	5	5
62	3		5	2	4	5	4	6	5	5	5
63	4	2	4	2	3	3	5	6	3	4	3
64	4	4	4	4	4	4	6	6	5	4	6
65	4	4	4	4	4	4	3	6	3	4	6
66	5	3	4	2	4	5	6	6	4	5	5
67	4	3	4	3	2	2	3	4	3	2	4
68	3	3	4	5	5	5	5	6	4	5	6
69	4	5	4	5	4	5	5	4	5	4	6
70	4	4	4	4	4	4	4	5	2	2	4
71	4	4	4	4	4	4	6	6	6	5	6
72	3	3	3	2	2	5	3	3	5	5	2
73	5	5	5	4	4	4	4	5	4	6	4
74	2					4	5	6	1	2	5
75	4			2		3	5	6	4	4	5
76						4	5	5	3	4	5
77						4	5	6	3	4	5
	3.600	3.389	3.463	3.500	3.321	3.779	4.403	5.013	3.325	3.792	4.701

CONTROL GROUP

REC ID	III 07	III 08	III 09	III 10	III 11	III 12	III 13	III 14	III 15	III 16	III 17
1	3	3	4	4	2	2	4	3	4	4	4
2	3	5	3	5	3	4	5	4	3	4	4
3	5	5	4	5	4	5	5	5	4	4	4
4	5	5	5	5	1	4	5	4	4	4	4
5	5	5	3	3	2	3	4	3	4	4	3
6	3	5	5	6	4	4	3	5	4	4	4
7	1	5	6	6	3	5	5	3	3	4	4
8	4	5	5	6	4	4	4	4	4	5	4
9	5	5	5	5	1	5	5	4	5	5	4
10	4	5	4	6	4	5	5	5	4	5	5
11	4	5	5	6	5	3	5	5	5	5	5
12	6	6	6	6	1	2	4	5	1	4	1
13	6	6	4	6	4	4	5	5	4	4	6
14	3	3	3	4	1	4	2	4	3	4	4
15	5	5	5	5	4	2	4	4	5	5	5
16	5	5	4	5	4	5	4	4	4	4	4
17	6	6	6	6	3	3	6	5	4	5	4
18	4	4	4	4	4	4	4	4	4	4	4
19	5	6	5	6	4	3	4	4	5	5	5
20	5	5	3	5	1	1	5	3	4		1
21	4	6	4	6	3	4	6	5	4	4	4
22	2	6	5	5	2	4	2	4	2	2	3
23	5	5	5	6	4	5	4	4	5	5	5
24	6	6	6	6	2	2	5	2	6	5	6
25	3	5	5	6	2	4	4	4	4	4	
26	6	5	5	5	4	4	4	5	5	5	5
27	6	6	4	6	2	4	2	4	3	4	3
28	4	3	5	4	3	4	4	4	4	3	3
29	6	6	6	6	4	4	5	5	5	3	4
30	3	5	5	5	3	4	5	4	3	3	
31	4	4	4	4	4	4	4	4	4	4	4
32	5	5	4	5	5	4	5	5	5	5	5
33	2	6	3	3	3	2	2	2	1	1	3
34	4	5	3	5	4	4	5	4	4	4	4
35	5	5	5	5	3	4	2	4	3	3	3
36	6	5	5	6	3	4	4	5	3	4	5
37	5	5	6	5	4	6	4	5	4	5	5
38	6	6	4	6	5	5	6	5	5	6	6
39	5	5	5	5	2	3	3	3	3	3	2
40	6	6	4	6	1	4	3	2	5	5	5
41	5	5	5	5	2	3	3	3	3	3	4
42	6	6	6	6	3	2	5	2	5	4	5
43	5	5	5	6	4	5	5	5	5	5	5
44	4	5	3	5	2	4	5	4	4	4	4
45	5	6	5	6	4	4	6	5	5	5	5
46	5	5	5	5	2	2	3	3	3	5	3
47	4	6	6	6	2	2	5	3	1	1	3
48	1	6	3	6	1	1	1	1	1	1	1
49	5	6	4	6	2	4	6	5	4	5	6
50	5	5	5	5	3	5	5	5	5	4	5
51	3	4	5	5	2	3	2	3	5	4	4
52	4	6	6	6	1	1	6	1	4	1	1
53	5	6	5	5	3	3	4	4	4	4	4
54	4	5	3	5	2	2	2	4	2	3	3
55	5	6	5	5	2	1	4	4	3	3	4

REC ID	III 07	III 08	III 09	III 10	III 11	III 12	III 13	III 14	III 15	III 16	III 17
56	4	4	3	6	4	4	4	4	4	4	4
57	6	6	2	6	3	3	6	6	6	6	6
58	6	6	6	6	3	3	2	3	5	5	2
59	5	5	3	5	2	3	3	4	5	5	5
60	6	6	4	6	3	3	5	4	4	5	3
61	5	5	5	5	5	5	5	5	5	5	5
62	5	5	5	5	5	6	5	5	5	5	5
63	4	5	3	6	2	2	2		2	2	2
64	5	6	6	6	4	3	4	4	5	5	5
65	6	6	5	6	3	3	3	5	5	4	2
66	5	6	5	6	4	5	5	5	5	5	3
67	4	4	5	5	4	4	3	3	3	3	3
68	6	6	5	6	5	5	6	4	6	5	5
69	5	6	5	5	5	4	4	3	5	5	4
70	3	4	3	4	4	4	3	3	5	4	4
71	6	6	6	6	5	3	6	4	4	5	5
72	3	5	6	5	2	4	3	4	6	4	5
73	5	5	4	5	5	5	5	4	4	4	4
74	5	4	5	6	1	2	1	2	3	4	5
75	5	5	5	6	4	4	4	5	5	4	5
76	6	6	6	6	1	2	3	4	5	4	4
77	6	4	4	5	2	4	3	5	5	3	3
	4.636	5.208	4.597	5.429	3.026	3.584	4.117	3.961	4.065	4.079	4.027

CONTROL GROUP

REC ID	III 18	III 19	III 20	III 21	III 22	III 23	III 24	III 25	III 26	III 27	III 28
1	4	3	4	4	3	3	4	4	5	4	3
2	4		2	5	4	5	5	2	5	5	5
3	4	5	5	5	4	4	6	3	5	4	5
4	4	4	3	4	4	4	4	4	4	4	4
5	4	3	3	4	4	2	5	3		3	4
6	5	5	5	4	4	5				5	
7	4	4	4	5	5	5	6	1	6	5	5
8	4	4	3	4	4	5			6	4	
9	4	5		5	5	5			5	5	
10	5	5	3	5	4	5			5	5	
11	5	5	3	5	5	5	5		5	5	5
12	4	4	2	5	5	5			6	5	
13	6	5	6	5	5	5	5	4	6	4	5
14	5	4	5	4	2	2	4	2	4	4	6
15	4	4	3	4	3	4	5	2	6	5	6
16			2				4	5	6	5	5
17	6	6	1	6	5	5	6	1	6	6	4
18	4	4	3	4	4	3	5	4	4	4	4
19	4	5	4	5	4	4	6	3	6	6	5
20	3										
21	4	5							6	6	
22	2	4	3	4	4	2	6	2	5	5	4
23	6	5							6	5	
24	6	6		6		6			6	6	
25	4	4	5	4	4	4			6	4	
26	3	5	4	5	6	5	6	4	6	6	6
27	3		5				5	2	5	5	
28	4	3	4	3	4	2	5	2	6	4	2
29	3	4	3	5	5	5	6	1	6	6	6
30	5	5	5	5	5	5	6	2	5	5	5
31	4	4	2	4	4	4	4	5	5	5	5
32	5	5	5	5	5	5	6	1	6	5	6
33	3	2	3	3	3	5	6	2	6	5	6
34	4	4	3						5	4	
35	3	4	3	5	5	3	5	3	5	5	5
36	4	5	3	4	4	4	3	4	6	4	5
37	5	4	2	4	5	4	5	4	5	5	5
38	6	4	2	5	6	6	6	3	6	5	5
39	5	4	6	3	2	4	4	2	5	5	3
40	5	4	1	6	6	5	4	1	6	4	6
41	4	4	4	3	3	4	4	2	4	4	3
42	5	4	3	3	2	2	5	1	6	6	6
43	5	5	4	5	5	4	5	3	6	4	5
44	4	4	3	4	4	4	4	4	4	4	4
45	5	5	4	5	5	5	5	3	6	5	5
46	5	3	5	5	4	3	5	2	5	5	5
47	2	4	6	5	3	1	6	1	6	6	6
48	3	1	1	1	1	1	6	6	6	3	6
49	5	5	4	5	4	3	4	4	6	6	6
50	5	5	3	1	3	4	5	3	6	5	6
51	3	5	2	5	3	2	3	4	5	3	5
52	4	1	3	3	3	6	6	2	6	5	6
53	4	4	4	3	4	2	4	4	6	6	6
54	4	3	5	4	4	2	6	3	6	4	6
55	5	2	2	5	2	4	6	5	6	5	6

SEC ID	III 18	III 19	III 20	III 21	III 22	III 23	III 24	III 25	III 26	III 27	III 28
56	4	4	3	4	4	4	2	2	5	4	5
57	6	3	4	6	3	4	4	4	6	4	4
58	6	4	5	1	3	3	6	1	6	6	6
59	5	3	4	5	4	5	5	2	6	5	5
60	5	5	3	4	2	2	2	2	5	4	6
61	5	5	3	5	1	2	5	2	5	5	5
62	6	5	5	4	6	6	6	4	6	6	6
63	4		3	5	3	3	5	2	6	4	4
64	5	5	3	5	5	5	5	3	6	6	5
65	1	4	3	5	4	5	6	1	4	4	5
66	5	5	1	5	5	5	6	3	6	6	5
67	4	4	2	4	4	4	3	4	5	5	5
68	6	5	4	4	4	6	6	1	6	6	4
69	5	5	3	5	5	5	6	3	5	6	4
70	5	4	2	3	2	3	5	2	6	4	4
71	5	4	5	5	5	5	5	6	6	6	6
72	4	5	2	5	4	4	6	2	6	6	6
73	5	4	3	4	5	4	4	5	4	4	5
74	5	4	2	4	2	2	5	2	6	5	
75	4						5	2	5	5	5
76	3	3	2				6	3	6	6	5
77	1	4		4	5	1			5		4
	4.329	4.169	3.286	4.319	3.941	3.913	4.985	2.797	5.527	4.880	5.000

CONTROL GROUP

SEC ID	III 29	III 30	III 31	III 32	III 33	III 34	III 35	III 36	III 37	III 38	III 39
1	3	5	4	4	3	2	3	3	3	2	3
2	4	5	4	5	4	4	5	4	5	3	4
3	4	6	4	5	4	5	5	5	5	2	4
4	3	6	4	4	4	6	5	3	4	1	3
5	3	4	3	3	1	5	2	4	4	3	3
6		5	5	5	2						4
7	5	6	5	5	3	6	6	4	6	5	5
8		5	5	5	5			5	1	4	5
9		6	6	4	1	6		4	4	6	6
10		5	5	5	4						5
11	5	6	6	5	5	5	5	5	5	3	4
12		6	6	2	2			5			3
13	5	5	5	4	5	5	5	5	4	5	4
14	4	5	4	4	2	5	5	4	4	4	4
15	3	5	4	5	1	5	5	3	4	3	5
16		6	4	5	1	4				5	4
17	3	6	4	3	3	5	4	4	6	6	5
18	4	4	4	4	4	5	4	4	4	4	4
19	3	6	5	5	4	6	5	4	5	5	3
20		6	2	4	1						4
21		6	4	6	3			4			3
22	2	5	3	2	1	4	4	4	4	4	2
23	4	5	5	5	3			4	5	3	4
24		6	4	6	5			4	6	6	5
25		6	5	5	2	5		3	3		5
26	5	6	5	5	4	5	6	5	6	2	5
27	2	5	2	2	2	4	3	2		3	2
28	3	5	4	3	1	3	3	4	4	4	3
29	6	6	6	3	1	6	2	6	6	2	4
30	3	5	3	4	3	4		4	3	3	3
31	4	5	5	5	5	4	4	4	4	5	5
32	4	6	5	6	6	6	6	5	5	2	4
33	4	4	4	5	2	5	5	3	2	5	4
34		5	4	5	4			4	4	2	4
35	3	6	4	5	2	3		4		2	4
36	3	6	5	4	3	5	4	5	5	5	4
37	4	6	4	5	6	5	5	5	4	1	5
38	3	6	3	6	3	5	4	4	5	3	6
39	2	6	4	4	3	4	3	4	2	2	4
40	3	5	3	1	1	3	4	5	4	2	4
41	3	6	4	4	3	5	3	3	4	2	4
42	3	6	4	2	1	6	5	3	4	1	3
43	4	6	4	5	4	4	4	4	4	3	4
44	4	4	4	4	4	4	4	4	4	4	4
45	4	6	5	2	4	5	4	5	5	3	5
46	3	5	5	3	4	5	3	5	2	2	5
47	4	6	6	3	6	1	1	6	4	1	6
48	1	1	1	3	1	6	1	2	4	4	1
49	5	6	5	5	3	5	4	4	5	2	4
50	5	6	5	5	2	2	2	4	4	3	4
51	3	5	2	3	2	4	2	3	4	4	2
52	5	6	5	5	4	6	2	4	1	1	5
53	3	5	4	2	2	3	4	4	4	2	5
54	2	6	4	4	3	6	1	3	4	4	2
55	1	6	4	6	1	5	4	6	6	3	3

REC ID	III 29	III 30	III 31	III 32	III 33	III 34	III 35	III 36	III 37	III 38	III 39
56	5	5	5	4	2	1	2	4	5	4	5
57	4	4	3	6	4	1	1	2	4	4	4
58	5	6	4	3	1	6	4	4	4	5	3
59	2	6	4	3	3	5	4	4		5	4
60	3	6	3	6	3	3	3	4	4	6	3
61	4	5	4	5	2	5	5				5
62	6	6	6	5	6	6	6	5	4	1	6
63	3	6	4	3	1	4	4	2	3	4	4
64	4	6	5	4	5	6	4	4	4	5	6
65	4	4	3	4	5	5	5	4	4	4	5
66	4	5	6	5	2	4	5	4	5	4	4
67	4	5	5	5	5	5	5	4	4	4	4
68	5	6	6	6	6	6	6	5	4	5	6
69	5	6	6	5	2	4	4	5	5	3	5
70	2	5	3	4	3	3	3	3	4	4	2
71	5	6	6	4	4	5	5	5	5	2	5
72	4	6	4	5	3	4	4	5	5	3	5
73	4	4	5	5	4	5	5	4	4	4	5
74		5	5	5	4	5					
75	2	5	5	5	4						5
76	3	6	3	3	1	5	2	4	4	2	5
77	5	5				1	5	4	4	3	4
	3.562	5.416	4.316	4.316	3.066	4.493	3.902	4.071	4.169	3.353	4.132

CONTROL GROUP

REC ID	III 40	III 41	V 1	V 2	V 3	V 4	V 5	V 6	GROUP	SUM1	SUM2
1	3	3	3	3	3	3	3	3	CG	21	18
2	4	4	4	3	3	4	4	4	CG	22	19
3	4	4	4	4	4	5	5	4	CG	23	26
4	4	4	4	3	3	4	4	4	CG	22	24
5	3	3	4	4	4	4	4	4	CG	25	24
6		4	4	4	5	5	5	4	CG	30	12
7	5	5	4	4	4	4	4	4	CG	27	15
8	4	5							CG	42	36
9	6	6	5	3	4	5	5	4	CG	42	18
10	5	4	4	4	5	5	4	4	CG	40	30
11	5	5	5	4	5	4	5	5	CG	36	6
12	1	2	2	1	2	2	3	2	CG	40	6
13	4	4	4	4	6	6	6	4	CG	23	13
14	4	4	3	4	4	4	4	4	CG	27	18
15	5	5	4	4	3	5	4	4	CG	32	21
16	5	4	4	4	4	4	4	4	CG	63	30
17	4	4	3	4	5	5	5	5	CG	39	20
18	4	4	4	4	4	4	4	4	CG	36	24
19	5	3	4	3	2	2	3	2	CG	42	24
20	1	4							CG	69	6
21	3	3							CG	62	18
22	4	3	4	4	4	4	4	4	CG	33	12
23	4	4	4	4	4	4	4	4	CG	66	24
24	4	4	4	4	4	4	4	4	CG	72	24
25	5	5	5	5	5	5	5	5	CG	90	
26	6	5	6	6	6	6	5	6	CG	48	15
27	3	3	2	4	4	4	4	4	CG	96	18
28	4	3	4	4	3	3	3	3	CG	96	24
29	6	4	4	5	5	4	4	4	CG	40	18
30	4	3	3	3	4	4		3	CG	80	36
31	4	4	5	5	5	5	5	5	CG	186	24
32	5	4	4	4	3	3	3	3	CG	53	
33	3	4	4	3	4	4	4	4	CG	48	18
34	4	4	4	4	4	4	4	4	CG	84	24
35	5	4	4	4	4	4	4	4	CG	51	12
36	4	5	4	5	4	4	4	4	CG	57	24
37	4	3	4	4	3	3	3	4	CG	59	36
38	3	5	3	3	4	4	4	4	CG	123	24
39	4	4	4	4	4	4	4	4	CG	126	12
40	6	5	3	4	3	3	3	4	CG	55	25
41	4	4	4	4	4	4	4	4	CG	132	12
42	6	4	3	4	3	3	3	3	CG	45	9
43	4	5	4	4	4	4	4	5	CG	61	24
44	4	4	4	4	3	4	4	4	CG	58	24
45	5	5	4	5	5	5	4	4	CG	65	14
46	5	5	3	4	5	5	5	5	CG	56	24
47	2	6	4	4	4	6	6	5	CG	65	31
48	5	1	4	6	6	6	4	5	CG	54	24
49	5	5	5	5	5	5	6	6	CG	64	19
50	4	4	3	4	3	3	3	3	CG	63	24
51	3	2	2	2	1	1	2	2	CG	61	18
52	4	5	4	1	1	1	1	1	CG	65	24
53	5	5	4	4	3	3	5	4	CG	62	15
54	1	2	2	4	4	4	4	4	CG	72	24
55	4	4	3	4	4	4	3	4	CG	69	20

C ID	III 40	III 41	V 1	V 2	V 3	V 4	V 5	V 6	GROUP	SUM1	SUM2
56	4	6	4	4	5	5	5	5	CG	128	24
57	6	3	4	4	2	1	2	3	CG	189	24
58	4	3	4	3	3	3	3	3	CG	75	25
59	3	3	4	5	4	3	4	5	CG	66	16
60	4	4	3	3	4	4	4	4	CG	71	25
61	5	5	2	2	2	4	4	4	CG	198	12
62	5	6	5	4	5	4	5	5	CG	83	6
63	4	4	4	3	4	5	4	4	CG	75	12
64	4	6	5	4	5	5	5	5	CG	81	29
65	4	4	4	4	4	4	4	4	CG	84	24
66	4	4	5	5	4	5	5	5	CG	84	25
67	4	5	5	5	5	5	5	5	CG	73	24
68	5	5	4	4	5	6	5	5	CG	80	27
69	5	4	4	4	4	4	4	4	CG	88	22
70	3	3	3	2	1	3	3	3	CG	82	20
71	5	5	4	6	4	5	5	4	CG	86	29
72	3	4	4	4	4	4	4	4	CG	86	16
73	5	4	5	4	5	4	4	5	CG	86	28
74			3	5	5	5	5	5	CG	126	15
75	4	5	4	5	5	5	5	5	CG	128	18
76	3	4	4	4	5	5	4	4	CG	164	
77	4	5							CG	462	
	4.107	4.118	3.849	3.918	3.932	4.082	4.083	4.055		75.494	20.616

REC ID	SUM3	SUM4	SUM5	SUM6	SUM7
1	20	59	129	18	206
2	22	64	161	22	247
3	22	71	178	26	275
4	28	75	168	22	265
5	25	74	148	24	246
6	30	79	187	27	295
7	27	69	194	24	287
8	39	119	194		
9	39	108	213	26	337
10	42	117	215	26	344
11	36	90	220	28	342
12	44	99	192	12	292
13	24	61	230	30	320
14	27	74	191	23	288
15	25	78	212	24	315
16	63	169	233	24	382
17	36	96	235	27	359
18	36	97	215	24	337
19	34	102	243	16	363
20	69	169	230		
21	58	149	266		
22	58	108	210	24	336
23	62	162	274	24	438
24	66	173	290	24	463
25	150		268	30	
26	43	109	280	35	424
27	93	238	246	22	419
28	96	245	236	20	403
29	40	101	278	26	406
30	102	240	269	20	456
31	105		270	30	
32	48		300	20	
33	47	116	251	23	392
34	84	207	302	24	495
35	45	112	284	24	420
36	62	147	294	25	465
37	57	155	306	21	484
38	129	317	316	22	530
39	120	302	275	34	476
40	48	131	298	20	450
41	126	317	281	24	488
42	45	104	302	19	427
43	57	145	330	25	502
44	58	144	312	23	481
45	54	138	345	27	512
46	52	135	315	27	479
47	71	169	314	29	513
48	58	140	268	31	439
49	55	147	355	32	536
50	63	155	340	19	516
51	59	142	314	10	470
52	57	150	327	9	490
53	58	140	346	23	511
54	65	166	330	22	520
55	68	162	357	22	544

REC ID	SUM3	SUM4	SUM5	SUM6	SUM7
56	126	304	350	28	603
57	177	454	366	16	631
58	68	172	363	19	557
59	73	157	373	25	557
60	65	166	370	22	560
61	186	468	404	18	689
62	79	168	422	28	621
63	72	166	373	24	564
64	77	192	415	29	639
65	76	190	394	24	611
66	75	190	421	29	643
67	74	176	391	30	599
68	79	191	443	29	666
69	81	198	426	24	652
70	81	189	385	15	593
71	81	202	449	28	682
72	75	183	423	24	633
73	86	205	432	27	667
74	156	334	476	28	781
75	128	317	515	29	822
76	456		446	26	
77	462	1386	478		
	77.662	181.425	301.571	23.904	474.725

4 Week Experimental

Group

EXPERIMENTAL GROUP

REC ID	DATE	RANK	PRIM MOS	SEC MOS	VOTEC HS	VOTEC AH	SCHL VOT	SCH STAT	AIT LOCA	DATE GRA
1	102692	E6	63B	68[illegible]	N	N			FT. JACKSON, SC	8303
2	102692	E7	63B40	09M40	N	N			FT. JACKSON, SC	7810
3	102692	E6	63B3H		Y	Y		FL	FT. LEONARD WOOD, MO	7903
4	102792	E6	63B3H	88M	Y	Y	CENTRAL TEXAS COLLEG	KS	FT. JACKSON, SC	8202
5	102892	E7	63B4H13	57E4	Y	Y	CENTRAL TEXAS COLLEG	CA	ABERDEEN PG, MD	7512
6	102892	E6	63B3H		N	Y	AUSTIN PEAY STATE	TN	FT. JACKSON, SC	8112
7	102792	E6	63B3H		N	N			FT. JACKSON, SC	8111
8	102892	E6	63B3H		N	Y	NASHVILLE AUTO/DIESE	TN	FT. JACKSON, SC	8103
9	102892	E6	63B3H		N	Y	CENTRAL TEXAS COLLEG	KO	FT. LEONARD WOOD, MO	0
10	102892	E6	63B3H	88M	Y	Y	CENTRAL TEXAS COLLEG		FT. HOOD, TX	7502
11	102792	E7	63B4H	11B40	Y	Y	TECH CENTER WESTCHES	NY	YES	7711
12	102792	E7	63B40		Y	N			FT. JACKSON, SC	7611

EXPERIMENTAL GROUP

REC ID	TIME POS	PAST INS	PAST SCH	INSTR TR	AIT ANNE	II 1 A	II 1 B	II 1 C	II 1 D	II 1 E
1	1.60	N		Y	A ANNEX	5	5	5	5	5
2	.75	Y	III CORPS TROOP SCHO	Y	A; B ANNEX	5	5	4	5	6
3	1.20	Y	HEIDELBERG, GERMANY	Y	F ANNEX ELECTRICITY	4	4	5	5	3
4	1.00	N		Y	L ANNEX VOTEC	5	6	5	5	5
5	1.00	N		Y	E; F ANNEXES	5	5	4	4	3
6	2.30	N		Y	A-K 63B;A-F VOTEC	4	4	3	2	1
7	1.00	N	FT JACKSON C ANNEX	Y	C ANNEX	5	5	5	5	5
8	1.90	N		Y	A-K 63B; E & F VOTEC	5	4	5	4	5
9	2.00	N		Y	J ANNEX; VOTEC E&F	5	2	5	5	1
10	1.00	Y	VILSEK, GERMANY	Y	BRAKES J ANNEX ELECT	4		4	5	5
11	.90	N		Y	D 63B; C VOTEC	5	5	4	4	2
12	.50			Y	G ANNEX BRAKES HYDRU	4	3	3	3	5
					MEAN	4.667	4.364	4.333	4.333	3.833

EXPERIMENTAL GROUP

REC ID	II 1 F	II 2 A	II 2 B	II 2 C	II 2 D	II 2 E	II 2 F	II 3 A	II 3 B	II 3 C	II 3 D	II 3 E	II 3 F	III 01	III 02
1	5	4	4	4	4	4	4	4	4	4	4	4	4	5	4
2	6	2	1	3	3	2	4	5	2	2	4	4	2	4	4
3	5	4	4	4	4	3	4	5	4	4	4	3	4	3	4
4	6	2	1	4	2	5	2	5	3	1	2	1	3	4	2
5	6	4	4	4	5	4	6	4	3	3	3	3	4	5	5
6	5	3	3	4	3	1	4	3	3	2	2	1	3	3	3
7		2	2	2	2	2	2	4	4	4	4	4	4	6	6
8	5	4	3	2	3	2	4	3	4	4	4	3	3	5	4
9	5	4	1	4	4	2	4	4	1	5	4	1	4	3	3
10	4	6	4	4	4	4	4	4	4	4	4	2	2	4	4
11	5	2	5	4	5	4	5	5	5	5	5	5	5	6	5
12	2	2	3	5	2	3	4	5	4	3	2	4	2	1	2
	4.917	3.500	2.917	3.667	3.417	3.000	3.917	4.250	3.417	3.417	3.500	2.917	3.333	4.083	3.833

EXPERIMENTAL GROUP

REC ID	III 03	III 04	III 05	III 06	III 07	III 08	III 09	III 10	III 11	III 12	III 13	III 14	III 15	III 16	III 17
1	6	5	5	4	6	6	5	6	4	5	6	5	6	6	6
2	5	4	6	6	4	6	5	6	2	4	5	5	5	6	6
3	5	4	5	5	5	6	5	5	4	3	4	4	5	4	5
4	5	4	4	5	5	5	4	5	5	4	5	4	4	4	4
5	5	4	4	5	5	5	5	5	5	3	6	5	5	5	5
6	3	4	5	3	4	4	5	5	3	3	4	3	3	3	4
7	4	4	5	5	5	6	6	6	6	6	5	5	5	5	5
8	4	4	3	6	5	4	3	6	4	5	4	2	4	5	5
9	5	2	4	4	4	4	5	5	3	5	5	2	3	3	4
10	4	5	4	5	3	5	4	4	4	4	5	5	4	4	5
11	6	5	5	5	5	5	4	4	1	5	3	5	4	4	5
12	5	2	2	5	3	5	5	5	4	2	5	5	3	4	4
	5.000	3.917	4.333	4.833	4.583	5.093	4.667	5.250	3.750	4.083	4.750	4.167	4.333	4.417	4.833

EXPERIMENTAL GROUP

REC ID	III 18	III 19	III 20	III 21	III 22	III 23	III 24	III 25	III 26	III 27	III 28	III 29	III 30	III 31	III 32
1	6	5	3	5	5	5	6	2	6	6	5	4	4	4	4
2	5	5	5	5	4	3	5	4	6	6	4	5	3	5	4
3	4	4	3	5	3	4	5	3	5	4	4	5	1	3	4
4	5	5	3	5	5	5	5	3	6	5	1	2	3	3	1
5	5	3	4	3	3	4	5	5	6	6	4	4	1	4	6
6	4	3	4	4	3	3	6	2	6	6	2	2	2	4	4
7	5	5	5	6	4	4	6	2	6	5	5	5	1	4	6
8	5	4	4	4	3	5	6	2	6	5	1	1	6	5	5
9	3	4	4	3	1	1	5	2	5	5	1	1	4	4	5
10	5	4	2	3	5	5	4	4	4	5	5	5	3	5	4
11	3	5	3	5	4	5	6	1	6	6	4	1	2	4	3
12	5	4	6	4	2	3	5	1	5	5	4	4	2	4	4
	4.583	4.250	4.000	4.333	3.500	3.917	5.333	2.083	5.583	5.333	3.333	3.250	2.667	4.083	4.417

EXPERIMENTAL GROUP

REC ID	III 33	III 34	III 35	III 36	III 37	III 38	III 39	III 40	III 41	V 1	V 2	V 3	V 4	V 5	V 6	GROUP
1	3	6	6	5	6	3	5	4	4	5	4	3	3	3	3	EX
2	5	5	4	5	4	3	5	4	5	5	6	5	5	5	5	EX
3	4	4	4	3	4	2	5	3	6	4	4	4	4	4	4	EX
4	1	5	5	4	3	1	4	4	4	4	5	5	5	4	4	EX
5	4	3	3	3	3	2	5	4	6	3	4	4	5	4	4	EX
6	3	3	3	4	4	3	5	3	5	5	5	5	5	5	4	EX
7	4	6	6	5	5	3	5	4	5							EX
8	2	6	5	5	4	3	5	2	4	5	6	3	4	4	4	EX
9	2	5	4	6	5	4	5	3	5	5	4	4	3	4	4	EX
10	4	4	4	5	5	4	4	4	5	4	4	5	5	4	4	EX
11	3	5	5	6	3	1	6	5	5	6	5	5	5	5	5	EX
12	3	5	4	4	3	3	4	2	5	4	5	3	4	4	4	EX
	3.167	4.750	4.417	4.583	4.083	2.667	4.833	3.500	4.750	4.545	4.545	4.182	4.364	4.182	4.091	

EXPERIMENTAL GROUP

REC ID	SUM1	SUM2	SUM3	SUM4	SUM5	SUM6	SUM7
1	27	24	24	75	191	33	287
2	28	18	19	63	185	31	279
3	25	23	24	72	165	24	261
4	31	16	16	63	165	27	255
5	27	27	20	75	180	24	279
6	21	18	14	54	158	29	241
7	32	12	24	69	209		
8	31	18	21	71	182	24	277
9	27	19	19	66	167	24	257
10	32	26	20	78	191	26	295
11	31	28	30	89	193	31	313
12	27	19	20	67	177	24	268
	20.310	20.417	20.833	70.289	180.152	25.909	273.920

APPENDIX 3

Descriptive

Statistics

13 Week Control

Group

II_1_A

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	1	1.3	1.6	1.6
	2	1	1.3	1.6	3.2
	3	14	18.2	22.6	25.8
	4	23	29.9	37.1	62.9
	5	21	27.3	33.9	96.8
	6	2	2.6	3.2	100.0
	.	15	19.5	Missing	
	Total	77	100.0	100.0	

Mean	4.097	Median	4.000	Mode	4.000
Std dev	.953	Skewness	-.551	S E Skew	.304
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	254.000				

Valid cases 62 Missing cases 15

- -

II_1_B

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	3	3.9	5.3	5.3
	2	2	2.6	3.5	8.8
	3	6	7.8	10.5	19.3
	4	24	31.2	42.1	61.4
	5	18	23.4	31.6	93.0
	6	4	5.2	7.0	100.0
	.	20	26.0	Missing	
	Total	77	100.0	100.0	

Mean	4.123	Median	4.000	Mode	4.000
Std dev	1.151	Skewness	-.977	S E Skew	.316
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	235.000				

Valid cases 57 Missing cases 20

II_1_C

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	4	5.2	6.9	6.9
	2	2	2.6	3.4	10.3
	3	6	10.4	13.8	24.1
	4	20	26.0	34.5	58.6
	5	18	23.4	31.0	89.7
	6	6	7.8	10.3	100.0
	.	19	24.7	Missing	
	Total	77	100.0	100.0	

Mean	4.103	Median	4.000	Mode	4.000
Std dev	1.280	Skewness	-.824	S E Skew	.314
Range	5.000	Minimum	1.000	Maximum	6.000

Sum 238.000

Valid cases 58 Missing cases 19

- -

II_1_D

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	2	2.6	3.6	3.6
	2	3	3.9	5.4	8.9
	3	7	9.1	12.5	21.4
	4	17	22.1	30.4	51.8
	5	21	27.3	37.5	89.3
	6	6	7.8	10.7	100.0
	.	21	27.3	Missing	
	Total	77	100.0	100.0	

Mean	4.250	Median	4.000	Mode	5.000
Std dev	1.195	Skewness	-.838	S E Skew	.319
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	238.000				

Valid cases 56 Missing cases 21

II_1_E

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	2	2.6	3.8	3.8
	2	5	6.5	9.6	13.5
	3	8	10.4	15.4	28.8
	4	16	20.8	30.8	59.6
	5	16	20.8	30.8	90.4
	6	5	6.5	9.6	100.0
	.	25	32.5	Missing	
	Total	77	100.0	100.0	

Mean	4.038	Median	4.000	Mode	4.000
Std dev	1.257	Skewness	-.555	S E Skew	.330
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	210.000				

* Multiple modes exist. The smallest value is shown.

Valid cases 52 Missing cases 25

- -

II_1_F

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	2	2.6	3.8	3.8
	2	4	5.2	7.7	11.5
	3	6	7.8	11.5	23.1
	4	19	24.7	36.5	59.6
	5	15	19.5	28.8	88.5
	6	6	7.8	11.5	100.0

.	25	32.5	Missing
Total	77	100.0	100.0

Mean	4.135	Median	4.000	Mode	4.000
Std dev	1.237	Skewness	-.653	S E Skew	.330
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	215.000				

Valid cases 52 Missing cases 25

II_2_A

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	4	5.2	6.9	6.9
	2	9	11.7	15.5	22.4
	3	15	19.5	25.9	48.3
	4	26	33.8	44.8	93.1
	5	2	2.6	3.4	96.6
	6	2	2.6	3.4	100.0
	.	19	24.7	Missing	
	Total	77	100.0	100.0	

Mean	3.328	Median	4.000	Mode	4.000
Std dev	1.114	Skewness	-.218	S E Skew	.314
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	193.000				

Valid cases 58 Missing cases 19

- -

II_2_B

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	5	6.5	9.3	9.3
	2	14	18.2	25.9	35.2
	3	8	10.4	14.8	50.0
	4	19	24.7	35.2	85.2
	5	7	9.1	13.0	98.[illegible]
	6	1	1.3	1.9	100.0
	.	23	29.9	Missing	
	Total	77	100.0	100.0	

Mean	3.222	Median	3.500	Mode	4.000
Std dev	1.284	Skewness	-.100	S E Skew	.325
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	174.000				

Valid cases 54 Missing cases 23

II_2_

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	4	5.2	7.4	7.4
	2	8	10.4	14.8	22.2
	3	11	14.3	20.4	42.6

4	24	31.2	44.4	87.0
5	3	3.9	5.6	92.6
6	4	5.2	7.4	100.0
.	23	29.9	Missing	
Total	77	100.0	100.0	

Mean	3.481	Median	4.000	Mode	4.000
Std dev	1.255	Skewness	-.105	S E Skew	.325
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	188.000				

Valid cases 54 Missing cases 23

- -

II_2_D

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	4	5.2	7.5	7.5
	2	5	6.5	9.4	17.0
	3	13	16.9	24.5	41.5
	4	19	24.7	35.8	77.4
	5	8	10.4	15.1	92.5
	6	4	5.2	7.5	100.0
	.	24	31.2	Missing	
	Total	77	100.0	100.0	

Mean	3.642	Median	4.000	Mode	4.000
Std dev	1.287	Skewness	-.242	S E Skew	.327
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	193.000				

Valid cases 53 Missing cases 24

II_2_E

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	3	3.9	6.1	[illegible]
	2	9	11.7	18.8	[illegible]
	3	10	13.0	2[illegible]	[illegible]
	4	18	23.4	37.5	[illegible]
	5	6	7.8	12.5	[illegible]
	6	2	2.6	4.1	[illegible]
	.	29	37.7	Missing	
	Total	77	100.0	100.0	

Mean	3.438	Median	4.000	Mode	4.000
Std dev	1.236	Skewness	-.133	S E Skew	[illegible]
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	165.000				

Valid cases 48 Missing cases 29

- -

II_2_F

Value Label	Value	Frequency	Percent	Percent	Percent
	1	3	3.9	5.8	5.8
	2	5	6.5	9.6	15.4
	3	10	13.0	19.2	34.6
	4	18	23.4	34.6	69.2
	5	10	13.0	19.2	88.5
	6	6	7.8	11.5	100.0
	.	25	32.5	Missing	
	Total	77	100.0	100.0	

Mean	3.865	Median	4.000	Mode	4.000
Std dev	1.329	Skewness	-.317	S E Skew	.330
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	201.000				

Valid cases 52 Missing cases 25

II_3_A

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	2	2.6	3.4	3.4
	2	2	2.6	3.4	6.9
	3	15	19.5	25.9	32.8
	4	27	35.1	46.6	79.3
	5	8	10.4	13.8	93.1
	6	4	5.2	6.9	100.0
	.	19	24.7	Missing	
	Total	77	100.0	100.0	

Mean	3.845	Median	4.000	Mode	4.000
Std dev	1.056	Skewness	-.234	S E Skew	.314
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	223.000				

Valid cases 58 Missing cases 19

II_3_B

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	3	3.9	5.5	5.5
	2	4	5.2	7.3	12.7
	3	12	15.6	21.8	34.5
	4	29	37.7	52.7	87.3
	5	7	9.1	12.7	100.0
	.	22	28.6	Missing	
	Total	77	100.0	100.0	

Mean	3.600	Median	4.000	Mode	4.000
Std dev	.993	Skewness	-.995	S E Skew	.322
Range	4.000	Minimum	1.000	Maximum	5.000
Sum	198.000				

Valid cases 55 Missing cases 22

II_3_C

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	4	5.2	7.4	7.4
	2	5	6.5	9.3	16.7
	3	19	24.7	35.2	51.9
	4	20	26.0	37.0	88.9
	5	4	5.2	7.4	96.3
	6	2	2.6	3.7	100.0
	.	23	29.9	Missing	
	Total	77	100.0	100.0	

Mean	3.329	Median	3.000	Mode	4.000
Std dev	1.123	Skewness	-.168	S E Skew	.325
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	183.000				

Valid cases 54 Missing cases 23

- -

II_3_D

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	5	6.5	9.3	9.3
	2	4	5.2	7.4	16.7
	3	12	15.6	22.2	38.9
	4	27	35.1	50.0	88.9
	5	6	7.8	11.1	100.0
	.	23	29.9	Missing	
	Total	77	100.0	100.0	

Mean	3.463	Median	4.000	Mode	4.000
Std dev	1.094	Skewness	-.535	S E Skew	.325
Range	4.000	Minimum	1.000	Maximum	5.000
Sum	187.000				

Valid cases 54 Missing cases 23

II_3_E

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	2	2.6	4.0	4.0
	2	9	11.7	18.0	22.0
	3	11	14.3	22.0	44.0
	4	20	26.0	40.0	84.0
	5	6	7.8	12.0	96.0
	6	2	2.6	4.0	100.0
	.	27	35.1	Missing	
	Total	77	100.0	100.0	

Mean	3.500	Median	4.000	Mode	4.000
Std dev	1.165	Skewness	-.121	S E Skew	.337
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	175.000				

Valid cases 50 Missing cases 27

II_3_F

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	5	6.5	9.4	9.4
	2	8	10.4	15.1	24.5
	3	10	13.0	18.9	43.4
	4	26	33.8	49.1	92.5
	5	3	3.9	5.7	98.1
	6	1	1.3	1.9	100.0
	.	24	31.2	Missing	
	Total	77	100.0	100.0	

Mean	3.321	Median	4.000	Mode	4.000
Std dev	1.156	Skewness	-.513	S E Skew	.327
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	176.000				

Valid cases 53 Missing cases 24

III_01

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	5	6.5	6.5	6.5
	2	4	5.2	5.2	11.7
	3	19	24.7	24.7	36.4
	4	25	32.5	32.5	68.8
	5	23	29.9	29.9	98.7
	6	1	1.3	1.3	100.0
	Total	77	100.0	100.0	

Mean	3.779	Median	4.000	Mode	4.000
Std dev	1.166	Skewness	-.732	S E Skew	.274
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	291.000				

Valid cases 77 Missing cases 0

III_02

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	1	1.3	1.3	1.3
	2	3	3.9	3.9	5.2
	3	10	13.0	13.0	18.2
	4	22	28.6	28.6	46.8
	5	32	41.6	41.6	88.3
	6	9	11.7	11.7	100.0
	Total	77	100.0	100.0	

Mean	4.403	Median	5.000	Mode	5.000
Std dev	1.067	Skewness	-.740	S E Skew	.274
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	339.000				

Valid cases 77 Missing cases 0

III_03

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	1	1.3	1.3	1.3
	2	1	1.3	1.3	2.6
	3	6	7.8	7.8	10.4
	4	15	19.5	19.5	29.9
	5	19	24.7	24.7	54.5
	6	35	45.5	45.5	100.0
	Total	77	100.0	100.0	

Mean	5.013	Median	5.000	Mode	6.000
Std dev	1.141	Skewness	-1.117	S E Skew	.274
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	386.000				

Valid cases 77 Missing cases 0

- -

III_04

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	8	10.4	10.4	10.4
	2	12	15.6	15.6	26.0
	3	18	23.4	23.4	49.4
	4	27	35.1	35.1	84.4
	5	10	13.0	13.0	97.4
	6	2	2.6	2.6	100.0
	Total	77	100.0	100.0	

Mean	3.325	Median	4.000	Mode	4.000
Std dev	1.261	Skewness	-.238	S E Skew	.274
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	256.000				

Valid cases 77 Missing cases 0

III_05

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	3	3.9	3.9	3.9
	2	5	6.5	6.5	10.4
	3	16	20.8	20.8	31.2
	4	35	45.5	45.5	76.6
	5	17	22.1	22.1	98.7
	6	1	1.3	1.3	100.0
	Total	77	100.0	100.0	

Mean	3.792	Median	4.000	Mode	4.000
Std dev	1.030	Skewness	-.754	S E Skew	.274
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	292.000				

Valid cases 77 Missing cases 0

III_06

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	2	2.6	2.6	2.6
	2	3	3.9	3.9	6.5
	3	7	9.1	9.1	15.6
	4	15	19.5	19.5	35.1
	5	27	35.1	35.1	70.1
	6	23	29.9	29.9	100.0
	Total	77	100.0	100.0	

Mean	4.701	Median	5.000	Mode	5.000
Std dev	1.247	Skewness	-1.039	S E Skew	.274
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	362.000				

Valid cases 77 Missing cases 0

III_07

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	2	2.6	2.6	2.6
	2	2	2.6	2.6	5.2
	3	9	11.7	11.7	16.9
	4	15	19.5	19.5	36.4
	5	30	39.0	39.0	75.3
	6	19	24.7	24.7	100.0
	Total	77	100.0	100.0	

Mean	4.636	Median	5.000	Mode	5.000
Std dev	1.202	Skewness	-.984	S E Skew	.274
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	357.000				

Valid cases 77 Missing cases 0

III_08

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	3	3	3.9	3.9	3.9
	4	8	10.4	10.4	14.3
	5	36	46.8	46.8	61.0
	6	30	39.0	39.0	100.0
	Total	77	100.0	100.0	

Mean	5.208	Median	5.000	Mode	5.000
Std dev	.784	Skewness	-.892	S E Skew	.27[illegible]
Range	3.000	Minimum	3.000	Maximum	6.000
Sum	401.000				

Valid cases 77 Missing cases 0

- -

III_06

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	2	2.6	2.6	2.6
	2	3	3.9	3.9	6.5
	3	7	9.1	9.1	15.6
	4	15	19.5	19.3	35.1
	5	27	35.1	35.1	70.1
	6	23	29.9	29.9	100.0
	Total	77	100.0	100.0	

Mean	4.701	Median	5.000	Mode	5.000
Std dev	1.247	Skewness	-1.039	S E Skew	.274
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	362.000				

Valid cases 77 Missing cases 0

III_07

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	2	2.6	2.6	2.6
	2	2	2.6	2.6	5.2
	3	9	11.7	11.7	16.9
	4	15	19.5	19.5	36.4
	5	30	39.0	39.0	75.3
	6	19	24.7	24.7	100.0
	Total	77	100.0	100.0	

Mean	4.636	Median	5.000	Mode	5.000
Std dev	1.202	Skewness	-.984	S E Skew	.274
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	357.000				

Valid cases 77 Missing cases 0

- -

III_08

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	3	3	3.9	3.9	3.9
	4	8	10.4	10.4	14.3
	5	36	46.8	46.8	61.0
	6	30	39.0	39.0	100.0
	Total	77	100.0	100.0	

Mean	5.208	Median	5.000	Mode	5.000
Std dev	.784	Skewness	- 892	S E Skew	.274
Range	3.000	Minimum	000	Maximum	6.000
Sum	401.000				

Valid cases 77 Missing cases 0

III_09

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	2	2	2.6	2.5	2.6
	3	12	15.6	15.6	18.2
	4	16	20.8	20.8	39.0
	5	32	41.6	41.6	80.5
	6	15	19.5	19.5	100.0
	Total	77	100.0	100.0	

Mean	4.597	Median	5.000	Mode	5.000
Std dev	1.055	Skewness	-.506	S E Skew	.274
Range	4.000	Minimum	2.000	Maximum	6.000
Sum	354.000				

Valid cases 77 Missing cases 0

- -

III_10

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	3	1	1.3	1.3	1.3
	4	6	7.8	7.8	9.1
	5	29	37.7	37.7	46.8
	6	41	53.2	53.2	100.0
	Total	77	100.0	100.0	

Mean	5.429	Median	6.000	Mode	6.000
Std dev	.696	Skewness	-1.058	S E Skew	.274
Range	3.000	Minimum	3.000	Maximum	6.000
Sum	418.000				

Valid cases 77 Missing cases 0

III_11

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	10	13.0	13.0	13.0
	2	19	24.7	24.7	37.7
	3	16	20.8	20.8	58.4
	4	23	29.9	29.9	88.3
	5	9	11.7	11.7	100.0
	Total	77	100.0	100.0	

Mean	3.026	Median	3.000	Mode	4.000
Std dev	1.246	Skewness	-.092	S E Skew	.274
Range	4.000	Minimum	1.000	Maximum	5.000
Sum	233.000				

Valid cases 77 Missing cases 0

- -

III_12

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	4	5.2	5.2	5.2
	2	12	15.6	15.6	20.8
	3	14	18.2	18.2	39.0
	4	31	40.3	40.3	79.2
	5	14	18.2	18.2	97.4
	6	2	2.6	2.6	100.0
	Total	77	100.0	100.0	

Mean	3.584	Median	4.000	Mode	4.000
Std dev	1.185	Skewness	-.402	S E Skew	.274
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	276.000				

Valid cases 77 Missing cases 0

III_13

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	2	2.6	2.6	2.6
	2	9	11.7	11.7	14.3
	3	10	13.0	13.0	27.3
	4	22	28.6	28.6	55.8
	5	25	32.5	32.5	88.3
	6	9	11.7	11.7	100.0
	Total	77	100.0	100.0	

Mean	4.117	Median	4.000	Mode	5.000
Std dev	1.277	Skewness	-.536	S E Skew	.274
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	317.000				

Valid cases 77 Missing cases 0

- -

III_14

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	2	2.6	2.6	2.6
	2	5	6.5	6.6	9.2
	3	13	16.9	17.1	26.3
	4	31	40.3	40.8	67.1
	5	24	31.2	31.6	98.7
	6	1	1.3	1.3	100.0
	.	1	1.3	Missing	
	Total	77	100.0	100.0	

Mean	3.961	Median	4.000	Mode	4.000
Std dev	1.026	Skewness	-.834	S E Skew	.276
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	301.000				

Valid cases 76 Missing cases 1

III_15

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	4	5.2	5.2	5.2
	2	3	3.9	3.9	9.1
	3	12	15.6	15.6	24.7
	4	27	35.1	35.1	59.7
	5	27	35.1	35.1	94.8
	6	4	5.2	5.2	100.0
	Total	77	100.0	100.0	

Mean	4.065	Median	4.000	Mode	4.000
Std dev	1.162	Skewness	-.903	S E Skew	.274
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	313.000				

* Multiple modes exist. The smallest value is shown.

Valid cases 77 Missing cases 0

- -

III_16

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	4	5.2	5.3	5.3
	2	2	2.6	2.6	7.9
	3	10	13.0	13.2	21.1
	4	31	40.3	40.8	61.8
	5	26	33.8	34.2	96.1
	6	3	3.9	3.9	100.0
	.	1	1.3	Missing	
	Total	77	100.0	100.0	

Mean	4.079	Median	4.000	Mode	4.000
Std dev	1.105	Skewness	-1.074	S E Skew	.276
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	310.000				

Valid cases 76 Missing cases 1

III_17

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	4	5.2	5.3	5.3
	2	4	5.2	5.3	10.7
	3	12	15.6	16.0	26.7
	4	26	33.8	34.7	61.3
	5	24	31.2	32.0	93.3
	6	5	6.5	6.7	100.0
	.	2	2.6	Missing	
	Total	77	100.0	100.0	

Mean	4.027	Median	4.000	Mode	4.000
Std dev	1.208	Skewness	-.762	S E Skew	.277
Range	5.000	Minimum	1.000	Maximum	6.000

Sum 302.000

Valid cases 75 Missing cases 2

- -

III_18

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	2	2.6	2.6	2.6
	2	2	2.6	2.6	5.3
	3	9	11.7	11.8	17.1
	4	28	36.4	36.8	53.9
	5	26	33.8	34.2	88.2
	6	9	11.7	11.8	100.0
	.	1	1.3	Missing	
	Total	77	100.0	100.0	

Mean	4.329	Median	4.000	Mode	4.000
Std dev	1.088	Skewness	-.758	S E Skew	.276
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	329.000				

Valid cases 76 Missing cases 1

III_19

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	2	2.6	2.8	2.8
	2	2	2.6	2.8	5.6
	3	8	10.4	11.3	16.9
	4	31	40.3	43.7	60.6
	5	26	33.8	36.6	97.2
	6	2	2.6	2.8	100.0
	.	6	7.8	Missing	
	Total	77	100.0	100.0	

Mean	4.169	Median	4.000	Mode	4.000
Std dev	.971	Skewness	-1.121	S E Skew	.285
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	296.000				

Valid cases 71 Missing cases 6

- -

III_20

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	4	5.2	5.7	5.7
	2	12	15.6	17.1	22.9
	3	25	32.5	35.7	58.6
	4	14	18.2	20.0	78.6
	5	12	15.6	17.1	95.7
	6	3	3.9	4.3	100.0
	.	7	9.1	Missing	

Total	77	100.0	100.0

Mean	3.386	Median	3.000	Mode	3.000
Std dev	1.243	Skewness	.153	S E Skew	.287
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	237.000				

Valid cases 70 Missing cases 7

III_21

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	3	3.9	4.3	4.3
	3	8	10.4	11.6	15.9
	4	23	29.9	33.3	49.3
	5	31	40.3	44.9	94.2
	6	4	5.2	5.8	100.0
	.	8	10.4	Missing	
	Total	77	100.0	100.0	

Mean	4.319	Median	5.000	Mode	5.000
Std dev	1.050	Skewness	-1.307	S E Skew	.289
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	298.000				

Valid cases 69 Missing cases 8

- -

III_22

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	2	2.6	2.9	2.9
	2	7	9.1	10.3	13.2
	3	11	14.3	16.2	29.4
	4	25	32.5	36.8	66.2
	5	19	24.7	27.9	94.1
	6	4	5.2	5.9	100.0
	.	9	11.7	Missing	
	Total	77	100.0	100.0	

Mean	3.941	Median	4.000	Mode	4.000
Std dev	1.170	Skewness	-.516	S E Skew	.291
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	268.000				

Valid cases 68 Missing cases 9

III_23

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	3	3.9	4.3	4.3
	2	11	14.3	15.9	20.3
	3	8	10.4	11.6	31.9
	4	19	24.7	27.5	59.4
	5	23	29.9	33.3	92.8
	6	5	6.5	7.2	100.0

.	8	10.4	Missing
Total	77	100.0	100.0

Mean	3.913	Median	4.000	Mode	5.000
Std dev	1.337	Skewness	-.522	S E Skew	.289
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	270.000				

Valid cases 69 Missing cases 8

- -

III_24

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	2	2	2.6	3.1	3.1
	3	3	3.9	4.6	7.7
	4	13	16.9	20.0	27.7
	5	23	29.9	35.4	63.1
	6	24	31.2	36.9	100.0
	.	12	15.6	Missing	
	Total	77	100.0	100.0	

Mean	4.985	Median	5.000	Mode	6.000
Std dev	1.023	Skewness	-.962	S E Skew	.297
Range	4.000	Minimum	2.000	Maximum	6.000
Sum	324.000				

Valid cases 65 Missing cases 12

III_25

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	10	13.0	15.6	15.6
	2	21	27.3	32.8	48.4
	3	13	16.9	20.3	68.8
	4	14	18.2	21.9	90.6
	5	4	5.2	6.3	96.9
	6	2	2.6	3.1	100.0
	.	13	16.9	Missing	
	Total	77	100.0	100.0	

Mean	2.797	Median	3.000	Mode	2.000
Std dev	1.299	Skewness	.481	S E Skew	.299
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	179.000				

Valid cases 64 Missing cases 13

- -

III_26

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	4	7	9.1	9.5	9.5
	5	21	27.3	28.4	37.8

6	46	59.7	62.2	100.0
.	3	3.9	Missing	
Total	77	100.0	100.0	

Mean	5.527	Median	6.000	Mode	6.000
Std dev	.667	Skewness	-3.099	S E Skew	.279
Range	2.000	Minimum	4.000	Maximum	6.000
Sum	409.000				

Valid cases 74 Missing cases 3

III_27

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	3	3	3.9	4.0	4.0
	4	23	29.9	30.7	34.7
	5	29	37.7	38.7	73.3
	6	20	26.0	26.7	100.0
	.	2	2.6	Missing	
	Total	77	100.0	100.0	

Mean	4.880	Median	5.000	Mode	5.000
Std dev	.854	Skewness	-.167	S E Skew	.277
Range	3.000	Minimum	3.000	Maximum	6.000
Sum	366.000				

Valid cases 75 Missing cases 2

- -

III_28

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	2	1	1.3	1.6	1.6
	3	3	3.9	4.7	6.3
	4	12	15.6	18.8	25.0
	5	27	35.1	42.2	67.2
	6	21	27.3	32.8	100.0
	.	13	16.9	Missing	
	Total	77	100.0	100.0	

Mean	5.000	Median	5.000	Mode	5.000
Std dev	.926	Skewness	-.867	S E Skew	.299
Range	4.000	Minimum	2.000	Maximum	6.000
Sum	320.000				

Valid cases 64 Missing cases 13

III_29

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	2	2.6	3.1	3.1
	2	7	9.1	10.8	13.8
	3	19	24.7	29.2	43.1
	4	22	28.6	33.8	76.9
	5	13	16.9	20.0	96.9

6	2	2.6	3.1	100.0
.	12	15.6	Missing	
Total	77	100.0	100.0	

Mean	3.662	Median	4.000	Mode	4.000
Std dev	1.108	Skewness	-.210	S E Skew	.297
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	238.000				

Valid cases 65 Missing cases 12

- -

III_30

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	1	1.3	1.3	1.3
	4	7	9.1	9.1	10.4
	5	26	33.8	33.8	44.2
	6	43	55.8	55.8	100.0
	Total	77	100.0	100.0	

Mean	5.416	Median	6.000	Mode	6.000
Std dev	.833	Skewness	-2.321	S E Skew	.274
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	417.000				

Valid cases 77 Missing cases 0

III_31

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	1	1.3	1.3	1.3
	2	3	3.9	3.9	5.3
	3	10	13.0	13.2	18.4
	4	29	37.7	38.2	56.6
	5	23	29.9	30.3	86.8
	6	10	13.0	13.2	100.0
	.	1	1.3	Missing	
	Total	77	100.0	100.0	

Mean	4.316	Median	4.000	Mode	4.000
Std dev	1.073	Skewness	-.468	S E Skew	.276
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	328.000				

Valid cases 76 Missing cases 1

- -

III_32

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	1	1.3	1.3	1.3
	2	5	6.5	6.6	7.9
	3	12	15.6	15.8	23.7

4	18	23.4	23.7	47.4
5	31	40.3	40.8	83.2
6	9	11.7	11.8	100.0
.	1	1.3	Missing	
Total	77	100.0	100.0	

Mean	4.316	Median	5.000	Mode	5.000
Std dev	1.157	Skewness	-.550	S E Skew	.276
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	328.000				

Valid cases 76 Missing cases 1

III_33

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	15	19.5	19.7	19.7
	2	14	18.2	18.4	38.2
	3	16	20.8	21.1	59.2
	4	18	23.4	23.7	82.9
	5	8	10.4	10.5	93.4
	6	5	6.5	6.6	100.0
	.	1	1.3	Missing	
	Total	77	100.0	100.0	

Mean	3.006	Median	3.000	Mode	4.000
Std dev	1.500	Skewness	.202	S E Skew	.276
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	253.000				

Valid cases 7[illegible] Missing cases 1

- -

III_34

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	4	5.2	6.0	6.0
	2	2	2.6	3.0	9.0
	3	6	7.8	9.0	17.9
	4	15	19.5	22.4	40.3
	5	25	32.5	37.3	77.6
	6	15	19.5	22.4	100.0
	.	10	13.0	Missing	
	Total	77	100.0	100.0	

Mean	4.493	Median	5.000	Mode	5.000
Std dev	1.341	Skewness	-1.050	S E Skew	.292
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	301.000				

Valid cases 67 Missing cases 10

III_35

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent

1	4	5.2	6.6	6.6
2	7	9.1	11.5	18.0
3	8	10.4	13.1	31.1
4	19	24.7	31.1	62.3
5	18	23.4	29.5	91.8
6	5	6.5	8.2	100.0
.	16	20.8	Missing	
Total	77	100.0	100.0	

Mean	3.902	Median	4.000	Mode	4.000
Std dev	1.320	Skewness	-.571	S E Skew	.306
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	238.000				

Valid cases 61 Missing cases 16

- -

III_36

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	2	4	5.2	5.7	5.7
	3	10	13.0	14.3	20.0
	4	36	46.8	51.4	71.4
	5	17	22.1	24.3	95.7
	6	3	3.9	4.3	100.0
	.	7	9.1	Missing	
	Total	77	100.0	100.0	

Mean	4.071	Median	4.000	Mode	4.000
Std dev	.890	Skewness	-.270	S E Skew	.287
Range	4.000	Minimum	2.000	Maximum	6.000
Sum	285.000				

Valid cases 70 Missing cases 7

III_37

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	2	2.6	3.1	3.1
	2	3	3.9	4.6	7.7
	3	4	5.2	6.2	13.8
	4	35	45.5	53.8	67.7
	5	15	19.5	23.1	90.8
	6	6	7.8	9.2	100.0
	.	12	15.6	Missing	
	Total	77	100.0	100.0	

Mean	4.169	Median	4.000	Mode	4.000
Std dev	1.054	Skewness	-.763	S E Skew	.297
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	271.000				

Valid cases 65 Missing cases 12

- -

III_38

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	6	7.8	8.8	8.8
	2	15	19.5	22.1	30.9
	3	15	19.5	22.1	52.9
	4	17	22.1	25.0	77.9
	5	11	14.3	16.2	94.1
	6	4	5.2	5.9	100.0
	.	9	11.7	Missing	
	Total	77	100.0	100.0	

Mean	3.353	Median	3.000	Mode	4.000
Std dev	1.380	Skewness	.070	S E Skew	.291
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	228.000				

Valid cases 68 Missing cases 9

III_39

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	1	1.3	1.3	1.3
	2	5	6.5	6.6	7.9
	3	12	15.6	15.8	23.7
	4	29	37.7	38.2	61.8
	5	23	29.9	30.3	92.1
	6	6	7.8	7.9	100.0
	.	1	1.3	Missing	
	Total	77	100.0	100.0	

Mean	4.132	Median	4.000	Mode	4.000
Std dev	1.075	Skewness	-.467	S E Skew	.276
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	314.000				

Valid cases 76 Missing cases 1

- -

III_40

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	3	3.9	4.0	4.0
	2	1	1.3	1.3	5.3
	3	11	14.3	14.7	20.0
	4	35	45.5	46.7	66.7
	5	20	26.0	26.7	93.3
	6	5	6.5	6.7	100.0
	.	2	2.6	Missing	
	Total	77	100.0	100.0	

Mean	4.107	Median	4.000	Mode	4.000
Std dev	1.047	Skewness	-.799	S E Skew	.277
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	308.000				

Valid cases 75 Missing cases 2

III_41

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	1	1.3	1.3	1.3
	2	3	3.9	3.9	5.3
	3	13	16.9	17.1	22.4
	4	33	42.9	43.4	65.8
	5	21	27.3	27.6	93.4
	6	5	6.5	6.6	100.0
	.	1	1.3	Missing	
	Total	77	100.0	100.0	

Mean	4.118	Median	4.000	Mode	4.000
Std dev	.993	Skewness	-.411	S E Skew	.276
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	313.000				

Valid cases 76 Missing cases 1

- -

V_1

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	2	5	6.5	6.8	6.8
	3	13	16.9	17.8	24.7
	4	44	57.1	60.3	84.9
	5	10	13.0	13.7	98.6
	6	1	1.3	1.4	100.0
	.	4	5.2	Missing	
	Total	77	100.0	100.0	

Mean	3.849	Median	4.000	Mode	4.000
Std dev	.794	Skewness	-.407	S E Skew	.281
Range	4.000	Minimum	2.000	Maximum	6.000
Sum	281.000				

Valid cases 73 Missing cases 4

V_2

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	2	2.6	2.7	2.7
	2	3	3.9	4.1	6.8
	3	11	14.3	15.1	21.9
	4	43	55.8	58.9	80.8
	5	11	14.3	15.1	95.9
	6	3	3.9	4.1	100.0
	.	4	5.2	Missing	
	Total	77	100.0	100.0	

Mean	3.918	Median	4.000	Mode	4.000
Std dev	.939	Skewness	-.660	S E Skew	.281
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	286.000				

Valid cases 73 Missing cases 4

- -

V_3

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	3	3.9	4.1	4.1
	2	4	5.2	5.5	9.6
	3	13	16.9	17.8	27.4
	4	31	40.3	42.5	69.9
	5	19	24.7	26.0	95.9
	6	3	3.9	4.1	100.0
	.	4	5.2	Missing	
	Total	77	100.0	100.0	

Mean	3.932	Median	4.000	Mode	4.000
Std dev	1.097	Skewness	-.705	S E Skew	.281
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	287.000				

Valid cases 73 Missing cases 4

V_4

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	3	3.9	4.1	4.1
	2	2	2.6	2.7	6.8
	3	11	14.3	15.1	21.9
	4	32	41.6	43.8	65.8
	5	20	26.0	27.4	93.2
	6	5	6.5	6.8	100.0
	.	4	5.2	Missing	
	Total	77	100.0	100.0	

Mean	4.082	Median	4.000	Mode	4.000
Std dev	1.090	Skewness	-.763	S E Skew	.281
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	298.000				

Valid cases 73 Missing cases 4

- -

V_5

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	1	1.3	1.4	1.4
	2	2	2.6	2.8	4.2
	3	12	15.6	16.7	20.8
	4	35	45.5	48.6	69.4
	5	19	24.7	26.4	95.8
	6	3	3.9	4.2	100.0
	.	5	6.5	Missing	
	Total	77	100.0	100.0	

Mean	4.083	Median	4.000	Mode	4.000

Std dev	.915	Skewness	-.508	S E Skew	.283
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	294.000				

Valid cases 72 Missing cases 5

V_6

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	1	1.3	1.4	1.4
	2	3	3.9	4.1	5.5
	3	9	11.7	12.3	17.8
	4	40	51.9	54.8	72.6
	5	18	23.4	24.7	97.3
	6	2	2.6	2.7	100.0
	.	4	5.2	Missing	
	Total	77	100.0	100.0	

Mean	4.055	Median	4.000	Mode	4.000
Std dev	.880	Skewness	-.737	S E Skew	.281
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	296.000				

Valid cases 73 Missing cases 4

SUM1 Annex Content

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	6	1	1.3	1.3	1.3
	11	1	1.3	1.3	2.7
	14	1	1.3	1.3	4.0
	15	1	1.3	1.3	5.3
	17	1	1.3	1.3	6.7
	18	9	11.7	12.0	18.7
	19	2	2.6	2.7	21.3
	20	3	3.9	4.0	25.3
	22	2	2.6	2.7	28.0
	23	3	3.9	4.0	32.0
	24	15	19.5	20.0	52.0
	25	3	3.9	4.0	56.0
	26	3	3.9	4.0	60.0
	27	1	1.3	1.3	61.3
	28	3	3.9	4.0	65.3
	29	3	3.9	4.0	69.3
	30	14	18.2	18.7	88.0
	31	2	2.6	2.7	90.7
	32	2	2.6	2.7	93.3
	33	1	1.3	1.3	94.7
	34	1	1.3	1.3	96.0
	36	3	3.9	4.0	100.0
	.	2	2.6	Missing	
	Total	77	100.0	100.0	

Mean	24.907	Median	24.000	Mode	24.000
Std dev	5.910	Skewness	-.493	S E Skew	.277
Range	30.000	Minimum	6.000	Maximum	36.000
Sum	1868.000				

Valid cases 75 Missing cases 2

SUM2 Annex Difficulty

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	6	4	5.2	5.5	5.5
	9	1	1.3	1.4	6.8
	12	7	9.1	9.6	16.4
	13	1	1.3	1.4	17.8
	14	1	1.3	1.4	19.2
	15	4	5.2	5.5	24.7
	16	2	2.6	2.7	27.4
	18	9	11.7	12.3	39.7
	19	2	2.6	2.7	42.5
	20	3	3.9	4.1	46.6
	21	1	1.3	1.4	47.9
	22	1	1.3	1.4	49.3
	24	22	28.6	30.1	79.5
	25	4	5.2	5.5	84.9
	26	1	1.3	1.4	86.3
	27	1	1.3	1.4	87.7
	28	1	1.3	1.4	89.0
	29	2	2.6	2.7	91.8
	30	2	2.6	2.7	94.5
	31	1	1.3	1.4	95.9
	36	3	3.9	4.1	100.0
	.	4	5.2	Missing	
	Total	77	100.0	100.0	

Mean	20.616	Median	24.000	Mode	24.000
Std dev	6.909	Skewness	-.150	S E Skew	.2[illegible]
Range	30.000	Minimum	6.000	Maximum	36.000
Sum	1505.000				

Valid cases 73 Missing cases 4

SUM3 Annex Length

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	6	4	5.2	5.4	5.4
	11	1	1.3	1.4	6.8
	12	2	2.6	2.7	9.5
	14	1	1.3	1.4	10.8
	15	6	7.8	8.1	18.9
	16	2	2.6	2.7	21.6
	17	1	1.3	1.4	23.0
	18	6	7.8	8.1	31.1
	19	1	1.3	1.4	32.4
	20	3	3.9	4.1	36.5
	21	5	6.5	6.8	43.2
	22	4	5.2	5.4	48.6
	23	2	2.6	2.7	51.4
	24	24	31.2	32.4	83.8
	25	1	1.3	1.4	85.1
	26	2	2.6	2.7	87.8
	27	2	2.6	2.7	90.5
	29	2	2.6	2.7	93.2
	30	5	6.5	6.8	100.0
	.	3	3.9	Missing	
	Total	77	100.0	100.0	

Mean	20.986	Median	23.000	Mode	24.000
Std dev	5.727	Skewness	-.560	S E Skew	.279
Range	24.000	Minimum	6.000	Maximum	30.000
Sum	1553.000				

Valid cases 74 Missing cases 3

SUM4 Ratings of Annex (Total)

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	18	1	1.3	1.4	1.4
	31	1	1.3	1.4	2.8
	36	2	2.6	2.8	5.6
	42	2	2.6	2.8	8.3
	48	1	1.3	1.4	9.7
	45	2	2.6	2.8	12.5
	50	2	2.6	2.8	15.3
	51	1	1.3	1.4	16.7
	54	3	3.9	4.2	20.8
	56	1	1.3	1.4	22.2
	57	1	1.3	1.4	23.6
	58	2	2.6	2.8	26.4
	59	3	3.9	4.2	30.6
	60	3	3.9	4.2	34.7
	61	1	1.3	1.4	36.1
	63	5	6.5	6.9	43.1
	64	1	1.3	1.4	44.4
	65	1	1.3	1.4	45.8
	67	1	1.3	1.4	47.2
	69	2	2.6	2.8	50.0
	70	2	2.6	2.8	52.8
	72	11	14.3	15.3	68.1
	73	2	2.6	2.8	70.8
	75	4	5.2	5.6	76.4
	76	2	2.6	2.8	79.2
	78	1	1.3	1.4	80.6
	79	1	1.3	1.4	81.9
	80	1	1.3	1.4	83.3
	81	1	1.3	1.4	84.7
	82	3	3.9	4.2	88.9
	85	1	1.3	1.4	90.3
	86	1	1.3	1.4	91.7
	87	1	1.3	1.4	93.1
	89	1	1.3	1.4	94.4
	90	2	2.6	2.8	97.2
	98	1	1.3	1.4	98.6
	102	1	1.3	1.4	100.0
	.	5	6.5	Missing	
	Total	77	100.0	100.0	

SUM4 Ratings of Annex (Total)

Mean	66.403	Median	69.500	Mode	72.000
Std dev	15.452	Skewness	-.467	S E Skew	.283
Range	84.000	Minimum	18.000	Maximum	102.000
Sum	4781.000				

Valid cases 72 Missing cases 5

SUM5 Opinions of Course

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	102	1	1.3	1.3	1.3
	132	1	1.3	1.3	2.6
	138	1	1.3	1.3	3.9
	141	1	1.3	1.3	5.2

142	2	2.6	2.6	7.8
143	1	1.3	1.3	9.1
144	2	2.6	2.6	11.7
146	3	3.9	3.9	15.6
147	1	1.3	1.3	16.9
148	1	1.3	1.3	18.2
151	1	1.3	1.3	19.5
154	1	1.3	1.3	20.8
155	1	1.3	1.3	22.1
156	1	1.3	1.3	23.4
157	1	1.3	1.3	24.7
160	1	1.3	1.3	26.0
161	1	1.3	1.3	27.3
162	1	1.3	1.3	28.6
163	1	1.3	1.3	29.9
164	2	2.6	2.6	32.5
165	2	2.6	2.6	35.1
166	4	5.2	5.2	40.3
167	1	1.3	1.3	41.6
168	3	3.9	3.9	45.5
169	1	1.3	1.3	46.8
170	1	1.3	1.3	48.1
172	3	3.9	3.9	51.9
173	2	2.6	2.6	54.5
174	1	1.3	1.3	55.8
176	1	1.3	1.3	57.1
178	1	1.3	1.3	58.4
179	3	3.9	3.9	62.3
181	1	1.3	1.3	63.6
182	1	1.3	1.3	64.9
183	2	2.6	2.6	67.5
184	1	1.3	1.3	68.8
185	2	2.6	2.6	71.4
188	1	1.3	1.3	72.7
189	1	1.3	1.3	74.0
190	2	2.6	2.6	76.6
191	3	3.9	3.9	80.5
192	1	1.3	1.3	81.8
194	1	1.3	1.3	83.1
195	1	1.3	1.3	84.4
196	1	1.3	1.3	85.7
197	1	1.3	1.3	87.0

SUM5 Opinions of Course

198	1	1.3	1.3	88.3
199	1	1.3	1.3	89.6
200	2	2.6	2.6	92.2
201	1	1.3	1.3	93.5
203	1	1.3	1.3	94.8
206	1	1.3	1.3	96.1
209	1	1.3	1.3	97.4
214	1	1.3	1.3	98.7
215	1	1.3	1.3	100.0
Total	77	100.0	100.0	

Mean	172.351	Median	172.000	Mode	166.000
Std dev	21.581	Skewness	-.350	S E Skew	.274
Range	113.000	Minimum	102.000	Maximum	215.000
Sum	13271.000				

Valid cases 77 Missing cases 0

SUM6 Soldierization

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	9	1	1.3	1.4	1.4

10	1	1.3	1.4	2.7
12	1	1.3	1.4	4.1
15	1	1.3	1.4	5.5
16	2	2.6	2.7	8.2
18	2	2.6	2.7	11.0
19	3	3.9	4.1	15.1
20	4	5.2	5.5	20.5
21	1	1.3	1.4	21.9
22	7	9.1	9.6	31.5
23	4	5.2	5.5	37.0
24	16	20.8	21.9	58.9
25	3	3.9	4.1	63.0
26	5	6.5	6.8	69.9
27	5	6.5	6.8	76.7
28	5	6.5	6.8	83.6
29	5	6.5	6.8	90.4
30	4	5.2	5.5	95.9
31	1	1.3	1.4	97.3
32	1	1.3	1.4	98.6
35	1	1.3	1.4	100.0
.	4	5.2	Missing	
Total	77	100.0	100.0	

Mean	23.904	Median	24.000	Mode	24.000
Std dev	4.825	Skewness	-.775	S E Skew	.281
Range	26.000	Minimum	9.000	Maximum	35.000
Sum	1745.000				

Valid cases 73 Missing cases 4

SUM7 Total Survey

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	192	1	1.3	1.4	1.4
	207	1	1.3	1.4	2.9
	214	1	1.3	1.4	4.3
	219	1	1.3	1.4	5.8
	221	1	1.3	1.4	7.2
	223	1	1.3	1.4	8.7
	226	1	1.3	1.4	10.1
	227	1	1.3	1.4	11.6
	228	2	2.6	2.9	14.5
	229	1	1.3	1.4	15.9
	230	1	1.3	1.4	17.4
	231	1	1.3	1.4	18.8
	233	1	1.3	1.4	20.3
	236	1	1.3	1.4	21.7
	239	1	1.3	1.4	23.2
	240	1	1.3	1.4	24.6
	243	1	1.3	1.4	26.1
	244	2	2.6	2.9	29.0
	245	1	1.3	1.4	30.4
	247	1	1.3	1.4	31.9
	252	3	3.9	4.3	36.2
	254	1	1.3	1.4	37.7
	258	1	1.3	1.4	39.1
	259	2	2.6	2.9	42.0
	260	2	2.6	2.9	44.9
	261	2	2.6	2.9	47.8
	263	1	1.3	1.4	49.3
	264	2	2.6	2.9	52.2
	265	1	1.3	1.4	53.6
	269	2	2.6	2.9	56.5
	271	1	1.3	1.4	58.0
	272	2	2.6	2.9	60.9
	274	1	1.3	1.4	62.3
	277	1	1.3	1.4	63.8
	280	1	1.3	1.4	65.2

282	3	3.9	4.3	69.6
284	1	1.3	1.4	71.0
285	1	1.3	1.4	72.5
287	1	1.3	1.4	73.9
289	1	1.3	1.4	75.4
290	2	2.6	2.9	78.3
291	1	1.3	1.4	79.7
294	1	1.3	1.4	81.2
296	2	2.6	2.9	84.1
298	2	2.6	2.9	87.0
300	1	1.3	1.4	88.4

SUM7 Total Survey

303	1	1.3	1.4	89.9
306	1	1.3	1.4	91.3
307	2	2.6	2.9	94.2
314	1	1.3	1.4	95.7
316	1	1.3	1.4	97.1
319	2	2.6	2.9	100.0
.	8	10.4	Missing	
Total	77	100.0	100.0	

Mean	264.878	Median	264.000	Mode	252.000
Std dev	30.061	Skewness	-.122	S E Skew	.289
Range	127.000	Minimum	192.000	Maximum	319.000
Sum	18249.000				

* Multiple modes exist. The smallest value is shown.

Valid cases 69 Missing cases 8

4 Week Experimental Group

II_1_A

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	4	4	33.3	33.3	33.3
	5	8	66.7	66.7	100.0
	Total	12	100.0	100.0	

Mean	4.667	Median	5.000	Mode	5.000
Std dev	.492	Skewness	-.812	S E Skew	.637
Range	1.000	Minimum	4.000	Maximum	5.000
Sum	56.000				

Valid cases 12 Missing cases 0

- -

II_1_B

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	2	1	8.3	9.1	9.1
	3	1	8.3	9.1	18.2
	4	3	25.0	27.3	45.5
	5	5	41.7	45.5	90.9
	6	1	8.3	9.1	100.0
	.	1	8.3	Missing	
	Total	12	100.0	100.0	

Mean	4.364	Median	5.000	Mode	5.000
Std dev	1.120	Skewness	-.888	S E Skew	.661
Range	4.000	Minimum	2.000	Maximum	6.000
Sum	48.000				

Valid cases 11 Missing cases 1

II_1_C

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	3	2	16.7	16.7	16.7
	4	4	33.3	33.3	50.0
	5	6	50.0	50.0	100.0
	Total	12	100.0	100.0	

Mean	4.333	Median	4.500	Mode	5.000
Std dev	.778	Skewness	-.719	S E Skew	.637
Range	2.000	Minimum	3.000	Maximum	5.000
Sum	52.000				

Valid cases 12 Missing cases 0

II_1_D

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	2	1	8.3	8.3	8.3
	3	1	8.3	8.3	16.7
	4	3	25.0	25.0	41.7
	5	7	58.3	58.3	100.0
	Total	12	100.0	100.0	

Mean	4.333	Median	5.000	Mode	5.000
Std dev	.985	Skewness	-1.498	S E Skew	.637
Range	3.000	Minimum	2.000	Maximum	5.000
Sum	52.000				

Valid cases 12 Missing cases 0

II_1_E

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	2	16.7	16.7	16.7
	2	1	8.3	8.3	25.0
	3	2	16.7	16.7	41.7
	5	6	50.0	50.0	91.7
	6	1	8.3	8.3	100.0
	Total	12	100.0	100.0	

Mean	3.833	Median	5.000	Mode	5.000
Std dev	1.749	Skewness	-.675	S E Skew	.637
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	46.000				

Valid cases 12 Missing cases 0

II_1_F

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	2	1	8.3	8.3	8.3
	4	1	8.3	8.3	16.7
	5	7	58.3	58.3	75.0
	6	3	25.0	25.0	100.0
	Total	12	100.0	100.0	

Mean	4.917	Median	5.000	Mode	5.000
Std dev	1.084	Skewness	-1.666	S E Skew	.637
Range	4.000	Minimum	2.000	Maximum	6.000
Sum	59.000				

Valid cases 12 Missing cases 0

II_2_A

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	2	4	33.3	33.3	33.3
	3	1	8.3	8.3	41.7
	4	5	41.7	41.7	83.3
	5	1	8.3	8.3	91.7
	6	1	8.3	8.3	100.0
	Total	12	100.0	100.0	

Mean	3.500	Median	4.000	Mode	4.000
Std dev	2.314	Skewness	.288	S E Skew	.637
Range	4.000	Minimum	2.000	Maximum	6.000
Sum	42.000				

Valid cases 12 Missing cases 0

- -

II_2_B

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	3	25.0	25.0	25.0
	2	1	8.3	8.3	33.3
	3	3	25.0	25.0	58.3
	4	4	33.3	33.3	91.7
	5	1	8.3	8.3	100.0
	Total	12	100.0	100.0	

Mean	2.917	Median	3.000	Mode	4.000
Std dev	1.379	Skewness	-.323	S E Skew	.637
Range	4.000	Minimum	1.000	Maximum	5.000
Sum	35.000				

Valid cases 12 Missing cases 0

II_2_C

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	2	2	16.7	16.7	16.7
	3	1	8.3	8.3	25.0
	4	8	66.7	66.7	91.7
	5	1	8.3	8.3	100.0
	Total	12	100.0	100.0	

Mean	3.667	Median	4.000	Mode	4.000
Std dev	.888	Skewness	-1.075	S E Skew	.637
Range	3.000	Minimum	2.000	Maximum	5.000
Sum	44.000				

Valid cases 12 Missing cases 0

- -

II_2_D

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent

2	3	25.0	25.0	25.0
3	3	25.0	25.0	50.0
4	4	33.3	33.3	83.3
5	2	16.7	16.7	100.0
Total	12	100.0	100.0	

Mean	3.417	Median	3.500	Mode	4.000
Std dev	1.084	Skewness	-.001	S E Skew	.637
Range	3.000	Minimum	2.000	Maximum	5.000
Sum	41.000				

Valid cases 12 Missing cases 0

II_2_E

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	1	8.3	8.3	8.3
	2	4	33.3	33.3	41.7
	3	2	16.7	16.7	58.3
	4	4	33.3	33.3	91.7
	5	1	8.3	8.3	100.0
	Total	12	100.0	100.0	

Mean	3.000	Median	3.000	Mode	2.000
Std dev	1.206	Skewness	.000	S E Skew	.637
Range	4.000	Minimum	1.000	Maximum	5.000
Sum	36.000				

* Multiple modes exist. The smallest value is shown.

Valid cases 12 Missing cases 0

- -

II_2_F

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	2	2	16.7	16.7	16.7
	4	8	66.7	66.7	83.3
	5	1	8.3	8.3	91.7
	6	1	8.3	8.3	100.0
	Total	12	100.0	100.0	

Mean	3.917	Median	4.000	Mode	4.000
Std dev	1.084	Skewness	-.323	S E Skew	.637
Range	4.000	Minimum	2.000	Maximum	6.000
Sum	47.000				

Valid cases 12 Missing cases 0

II_3_A

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	3	2	16.7	16.7	16.7
	4	5	41.7	41.7	58.3

5	5	41.7	41.7	100.0
Total	12	100.0	100.0	

Mean	4.250	Median	4.000	Mode	4.000
Std dev	.754	Skewness	-.478	S E Skew	.637
Range	2.000	Minimum	3.000	Maximum	5.000
Sum	51.000				

* Multiple modes exist. The smallest value is shown.

Valid cases 12 Missing cases 0

- -

II_3_B

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	1	8.3	8.3	8.3
	2	1	8.3	8.3	16.7
	3	3	25.0	25.0	41.7
	4	6	50.0	50.0	91.7
	5	1	8.3	8.3	100.0
	Total	12	100.0	100.0	

Mean	3.417	Median	4.000	Mode	4.000
Std dev	1.084	Skewness	-1.030	S E Skew	.637
Range	4.000	Minimum	1.000	Maximum	5.000
Sum	41.000				

Valid cases 12 Missing cases 0

II_3_C

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	1	8.3	8.3	8.3
	2	2	16.7	16.7	25.0
	3	2	16.7	16.7	41.7
	4	5	41.7	41.7	83.3
	5	2	16.7	16.7	100.0
	Total	12	100.0	100.0	

Mean	3.417	Median	4.000	Mode	4.000
Std dev	1.240	Skewness	-.630	S E Skew	.637
Range	4.000	Minimum	1.000	Maximum	5.000
Sum	41.000				

Valid cases 12 Missing cases 0

- -

II_3_D

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	2	3	25.0	25.0	25.0
	3	1	8.3	8.3	33.3
	4	7	58.3	58.3	91.7

5	1	8.3	8.3	100.0
Total	12	100.0	100.0	

Mean	3.500	Median	4.000	Mode	4.000
Std dev	1.000	Skewness	-.655	S E Skew	.637
Range	3.000	Minimum	2.000	Maximum	5.000
Sum	42.000				

Valid cases 12 Missing cases 0

II_3_E

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	3	25.0	25.0	25.0
	2	1	8.3	8.3	33.3
	3	3	25.0	25.0	58.3
	4	4	33.3	33.3	91.7
	5	1	8.3	8.3	100.0
	Total	12	100.0	100.0	

Mean	2.917	Median	3.000	Mode	4.000
Std dev	1.379	Skewness	-.323	S E Skew	.637
Range	4.000	Minimum	1.000	Maximum	5.000
Sum	35.000				

Valid cases 12 Missing cases 0

- -

II_3_F

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	2	3	25.0	25.0	25.0
	3	3	25.0	25.0	50.0
	4	5	41.7	41.7	91.7
	5	1	8.3	8.3	100.0
	Total	12	100.0	100.0	

Mean	3.333	Median	3.500	Mode	4.000
Std dev	.985	Skewness	-.127	S E Skew	.637
Range	3.000	Minimum	2.000	Maximum	5.000
Sum	40.000				

Valid cases 12 Missing cases 0

III_01

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	1	8.3	8.3	8.3
	3	3	25.0	25.0	33.3
	4	3	25.0	25.0	58.3
	5	3	25.0	25.0	83.3
	6	2	16.7	16.7	100.0
	Total	12	100.0	100.0	

Mean	4.083	Median	4.000	Mode	3.000
Std dev	1.443	Skewness	-.607	S E Skew	.637
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	49.000				

* Multiple modes exist. The smallest value is shown.

Valid cases 12 Missing cases 0

- -

III_02

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	2	2	16.7	16.7	16.7
	3	2	16.7	16.7	33.3
	4	5	41.7	41.7	75.0
	5	2	16.7	16.7	91.7
	6	1	8.3	8.3	100.0
	Total	12	100.0	100.0	

Mean	3.833	Median	4.000	Mode	4.000
Std dev	1.193	Skewness	-.007	S E Skew	.637
Range	4.000	Minimum	2.000	Maximum	6.000
Sum	46.000				

Valid cases 12 Missing cases 0

III_03

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	4	4	33.3	33.3	33.3
	5	4	33.3	33.3	66.7
	6	4	33.3	33.3	100.0
	Total	12	100.0	100.0	

Mean	5.000	Median	5.000	Mode	4.000
Std dev	.853	Skewness	.000	S E Skew	.637
Range	2.000	Minimum	4.000	Maximum	6.000
Sum	60.000				

* Multiple modes exist. The smallest value is shown.

Valid cases 12 Missing cases 0

- -

III_04

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	2	2	16.7	16.7	16.7
	4	7	58.3	58.3	75.0
	5	3	25.0	25.0	100.0
	Total	12	100.0	100.0	

Mean	3.917	Median	4.000	Mode	4.000

Std dev	.996	Skewness	-1.133	S E Skew	.637
Range	3.000	Minimum	2.000	Maximum	5.000
Sum	47.000				

Valid cases 12 Missing cases 0

III_05

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	2	1	8.3	8.3	8.3
	3	1	8.3	8.3	16.7
	4	4	33.3	33.3	50.0
	5	5	41.7	41.7	91.7
	6	1	8.3	8.3	100.0
	Total	12	100.0	100.0	

Mean	4.333	Median	4.500	Mode	5.000
Std dev	1.073	Skewness	-.804	S E Skew	.637
Range	4.000	Minimum	2.000	Maximum	6.000
Sum	52.000				

Valid cases 12 Missing cases 0

- -

III_06

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	3	1	8.3	8.3	8.3
	4	2	16.7	16.7	25.0
	5	7	58.3	58.3	83.3
	6	2	16.7	16.7	100.0
	Total	12	100.0	100.0	

Mean	4.833	Median	5.000	Mode	5.000
Std dev	.835	Skewness	-.771	S E Skew	.637
Range	3.000	Minimum	3.000	Maximum	6.000
Sum	58.000				

Valid cases 12 Missing cases 0

III_07

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	3	1	8.3	8.3	8.3
	4	4	33.3	33.3	41.7
	5	6	50.0	50.0	91.7
	6	1	8.3	8.3	100.0
	Total	12	100.0	100.0	

Mean	4.583	Median	5.000	Mode	5.000
Std dev	.793	Skewness	-.325	S E Skew	.637
Range	3.000	Minimum	3.000	Maximum	6.000
Sum	55.000				

Valid cases 12 Missing cases 0

- -

III_08

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	4	3	25.0	25.0	25.0
	5	5	41.7	41.7	66.7
	6	4	33.3	33.3	100.0
	Total	12	100.0	100.0	

Mean	5.083	Median	5.000	Mode	5.000
Std dev	.793	Skewness	-.161	S E Skew	.637
Range	2.000	Minimum	4.000	Maximum	6.000
Sum	61.000				

Valid cases 12 Missing cases 0

III_09

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	3	1	8.3	8.3	8.3
	4	3	25.0	25.0	33.3
	5	7	58.3	58.3	91.7
	6	1	8.3	8.3	100.0
	Total	12	100.0	100.0	

Mean	4.667	Median	5.000	Mode	5.000
Std dev	.778	Skewness	-.668	S E Skew	.637
Range	3.000	Minimum	3.000	Maximum	6.000
Sum	56.000				

Valid cases 12 Missing cases 0

- -

III_10

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	4	2	16.7	16.7	16.7
	5	5	41.7	41.7	58.3
	6	5	41.7	41.7	100.0
	Total	12	100.0	100.0	

Mean	5.250	Median	5.000	Mode	5.000
Std dev	.754	Skewness	-.478	S E Skew	.637
Range	2.000	Minimum	4.000	Maximum	6.000
Sum	63.000				

* Multiple modes exist. The smallest value is shown.

Valid cases 12 Missing cases 0

III_11

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	1	8.3	8.3	8.3
	2	1	8.3	8.3	16.7
	3	2	16.7	16.7	33.3
	4	5	41.7	41.7	75.0
	5	2	16.7	16.7	91.7
	6	1	8.3	8.3	100.0
	Total	12	100.0	100.0	

Mean	3.750	Median	4.000	Mode	4.000
Std dev	1.357	Skewness	-.508	S E Skew	.637
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	45.000				

Valid cases 12 Missing cases 0

- -

III_12

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	2	1	8.3	8.3	8.3
	3	3	25.0	25.0	33.3
	4	3	25.0	25.0	58.3
	5	4	33.3	33.3	91.7
	6	1	8.3	8.3	100.0
	Total	12	100.0	100.0	

Mean	4.083	Median	4.000	Mode	5.000
Std dev	1.165	Skewness	-.189	S E Skew	.637
Range	4.000	Minimum	2.000	Maximum	6.000
Sum	49.000				

Valid cases 12 Missing cases 0

III_13

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	3	1	8.3	8.3	8.3
	4	3	25.0	25.0	33.3
	5	6	50.0	50.0	83.3
	6	2	16.7	16.7	100.0
	Total	12	100.0	100.0	

Mean	4.750	Median	5.000	Mode	5.000
Std dev	.866	Skewness	-.441	S E Skew	.637
Range	3.000	Minimum	3.000	Maximum	6.000
Sum	57.000				

Valid cases 12 Missing cases 0

- -

III_14

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	2	2	16.7	16.7	16.7
	3	1	8.3	8.3	25.0
	4	2	16.7	16.7	41.7
	5	7	58.3	58.3	100.0
	Total	12	100.0	100.0	

Mean	4.167	Median	5.000	Mode	5.000
Std dev	1.193	Skewness	-1.148	S E Skew	.637
Range	3.000	Minimum	2.000	Maximum	5.000
Sum	50.000				

Valid cases 12 Missing cases 0

III_15

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	3	2	16.7	16.7	16.7
	4	5	41.7	41.7	58.3
	5	4	33.3	33.3	91.7
	6	1	8.3	8.3	100.0
	Total	12	100.0	100.0	

Mean	4.333	Median	4.000	Mode	4.000
Std dev	.888	Skewness	.139	S E Skew	.637
Range	3.000	Minimum	3.000	Maximum	6.000
Sum	52.000				

Valid cases 12 Missing cases 0

- -

III_16

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	3	2	16.7	16.7	16.7
	4	5	41.7	41.7	58.3
	5	3	25.0	25.0	83.3
	6	2	16.7	16.7	100.0
	Total	12	100.0	100.0	

Mean	4.417	Median	4.000	Mode	4.000
Std dev	.996	Skewness	.274	S E Skew	.637
Range	3.000	Minimum	3.000	Maximum	6.000
Sum	53.000				

Valid cases 12 Missing cases 0

III_17

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	4	4	33.3	33.3	33.3
	5	6	50.0	50.0	83.3

6	2	16.7	16.7	100.0
Total	12	100.0	100.0	

Mean	4.833	Median	5.000	Mode	5.000
Std dev	.718	Skewness	.262	S E Skew	.637
Range	2.000	Minimum	4.000	Maximum	6.000
Sum	58.000				

Valid cases 12 Missing cases 0

- -

III_18

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	3	2	16.7	16.7	16.7
	4	2	16.7	16.7	33.3
	5	7	58.3	58.3	91.7
	6	1	8.3	8.3	100.0
	Total	12	100.0	100.0	

Mean	4.583	Median	5.000	Mode	5.000
Std dev	.900	Skewness	-.745	S E Skew	.637
Range	3.000	Minimum	3.000	Maximum	6.000
Sum	55.000				

Valid cases 12 Missing cases 0

III_19

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	3	2	16.7	16.7	16.7
	4	5	41.7	41.7	58.3
	5	5	41.7	41.7	100.0
	Total	12	100.0	100.0	

Mean	4.250	Median	4.000	Mode	4.000
Std dev	.754	Skewness	-.478	S E Skew	.637
Range	2.000	Minimum	3.000	Maximum	5.000
Sum	51.000				

* Multiple modes exist. The smallest value is shown.

Valid cases 12 Missing cases 0

- -

III_20

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	2	1	8.3	8.3	8.3
	3	3	25.0	25.0	33.3
	4	5	41.7	41.7	75.0
	5	1	8.3	8.3	83.3
	6	2	16.7	16.7	100.0

		Total	12	100.0	100.0

Mean	4.000	Median	4.000	Mode	4.000
Std dev	1.206	Skewness	.373	S E Skew	.637
Range	4.000	Minimum	2.000	Maximum	6.000
Sum	48.000				

Valid cases 12 Missing cases 0

III_21

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	3	3	25.0	25.0	25.0
	4	3	25.0	25.0	50.0
	5	5	41.7	41.7	91.7
	6	1	8.3	8.3	100.0
	Total	12	100.0	100.0	

Mean	4.333	Median	4.500	Mode	5.000
Std dev	.985	Skewness	-.127	S E Skew	.637
Range	3.000	Minimum	3.000	Maximum	6.000
Sum	52.000				

Valid cases 12 Missing cases 0

- -

III_22

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	1	8.3	8.3	8.3
	2	1	8.3	8.3	16.7
	3	4	33.3	33.3	50.0
	4	3	25.0	25.0	75.0
	5	3	25.0	25.0	100.0
	Total	12	100.0	100.0	

Mean	3.500	Median	3.500	Mode	3.000
Std dev	1.243	Skewness	-.511	S E Skew	.637
Range	4.000	Minimum	1.000	Maximum	5.000
Sum	42.000				

Valid cases 12 Missing cases 0

III_23

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	1	8.3	8.3	8.3
	3	3	25.0	25.0	33.3
	4	3	25.0	25.0	58.3
	5	5	41.7	41.7	100.0
	Total	12	100.0	100.0	

Mean	3.917	Median	4.000	Mode	5.000
Std dev	1.240	Skewness	-1.188	S E Skew	.637
Range	4.000	Minimum	1.000	Maximum	5.000

Sum 47.000

Valid cases 12 Missing cases 0

- -

III_24

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	4	1	8.3	8.3	8.3
	5	6	50.0	50.0	58.3
	6	5	41.7	41.7	100.0
	Total	12	100.0	100.0	

Mean	5.333	Median	5.000	Mode	5.000
Std dev	.651	Skewness	-.439	S E Skew	.627
Range	2.000	Minimum	4.000	Maximum	6.000
Sum	64.000				

Valid cases 12 Missing cases 0

III_25

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	2	16.7	16.7	16.7
	2	5	41.7	41.7	58.3
	3	2	16.7	16.7	75.0
	4	2	16.7	16.7	91.7
	5	1	8.3	8.3	100.0
	Total	12	100.0	100.0	

Mean	2.583	Median	2.000	Mode	2.000
Std dev	1.240	Skewness	.630	S E Skew	.637
Range	4.000	Minimum	1.000	Maximum	5.000
Sum	31.000				

Valid cases 12 Missing cases 0

- -

III_26

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	4	1	8.3	8.3	8.3
	5	3	25.0	25.0	33.3
	6	8	66.7	66.7	100.0
	Total	12	100.0	100.0	

Mean	5.583	Median	6.000	Mode	6.000
Std dev	.669	Skewness	-1.455	S E Skew	.637
Range	2.000	Minimum	4.000	Maximum	6.000
Sum	67.000				

Valid cases 12 Missing cases 0

III_27

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	4	1	8.3	8.3	8.3
	5	6	50.0	50.0	58.3
	6	5	41.7	41.7	100.0
	Total	12	100.0	100.0	

Mean	5.333	Median	5.000	Mode	5.000
Std dev	.651	Skewness	-.439	S E Skew	.637
Range	2.000	Minimum	4.000	Maximum	6.000
Sum	64.000				

Valid cases 12 Missing cases 0

- -

III_28

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	3	25.0	25.0	25.0
	2	1	8.3	8.3	33.3
	4	5	41.7	41.7	75.0
	5	3	25.0	25.0	100.0
	Total	12	100.0	100.0	

Mean	3.333	Median	4.000	Mode	4.000
Std dev	1.514	Skewness	-.651	S E Skew	.637
Range	4.000	Minimum	1.000	Maximum	5.000
Sum	40.000				

Valid cases 12 Missing cases 0

III_29

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	3	25.0	25.0	25.0
	2	2	16.7	16.7	41.7
	4	3	25.0	25.0	66.7
	5	4	33.3	33.3	100.0
	Total	12	100.0	100.0	

Mean	3.250	Median	4.000	Mode	5.000
Std dev	1.712	Skewness	-.334	S E Skew	.637
Range	4.000	Minimum	1.000	Maximum	5.000
Sum	39.000				

Valid cases 12 Missing cases 0

- -

III_30

Valid Cum

Value Label	Value	Frequency	Percent	Percent	Percent
	1	3	25.0	25.0	25.0
	2	3	25.0	25.0	50.0
	3	3	25.0	25.0	75.0
	4	2	16.7	16.7	91.7
	6	1	8.3	8.3	100.0
	Total	12	100.0	100.0	

Mean	2.667	Median	2.500	Mode	1.000
Std dev	1.497	Skewness	.881	S E Skew	.637
Range	5.000	Minimum	1.000	Maximum	6.000
Sum	32.000				

* Multiple modes exist. The smallest value is shown.

Valid cases 12 Missing cases 0

III_31

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	3	2	16.7	16.7	16.7
	4	7	58.3	58.3	75.0
	5	3	25.0	25.0	100.0
	Total	12	100.0	100.0	

Mean	4.083	Median	4.000	Mode	4.000
Std dev	.669	Skewness	-.086	S E Skew	.637
Range	2.000	Minimum	3.000	Maximum	5.000
Sum	49.000				

Valid cases 12 Missing cases 0

- -

III_32

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	3	1	8.3	8.3	8.3
	4	7	58.3	58.3	66.7
	5	2	16.7	16.7	83.3
	6	2	16.7	16.7	100.0
	Total	12	100.0	100.0	

Mean	4.417	Median	4.000	Mode	4.000
Std dev	.900	Skewness	.745	S E Skew	.637
Range	3.000	Minimum	3.000	Maximum	6.000
Sum	53.000				

Valid cases 12 Missing cases 0

III_33

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	1	8.3	8.3	8.3
	2	2	16.7	16.7	25.0

3	2	33.3	33.3	66.7
4	4	33.3	33.3	91.7
5	1	8.3	8.3	100.0
Total	12	100.0	100.0	

Mean	3.167	Median	3.000	Mode	3.000
Std dev	1.115	Skewness	-.385	S E Skew	.637
Range	4.000	Minimum	1.000	Maximum	5.000
Sum	38.000				

* Multiple modes exist. The smallest value is shown.

Valid cases 12 Missing cases 0

- -

III_34

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	3	2	16.7	16.7	16.7
	4	2	16.7	16.7	33.3
	5	5	41.7	41.7	75.0
	6	3	25.0	25.0	100.0
	Total	12	100.0	100.0	

Mean	4.750	Median	5.000	Mode	5.000
Std dev	1.055	Skewness	-.522	S E Skew	.637
Range	3.000	Minimum	3.000	Maximum	6.000
Sum	57.000				

Valid cases 12 Missing cases 0

III_35

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	3	2	16.7	16.7	16.7
	4	5	41.7	41.7	58.3
	5	3	25.0	25.0	83.3
	6	2	16.7	16.7	100.0
	Total	12	100.0	100.0	

Mean	4.417	Median	4.000	Mode	4.000
Std dev	.996	Skewness	.274	S E Skew	.637
Range	3.000	Minimum	3.000	Maximum	6.000
Sum	53.000				

Valid cases 12 Missing cases 0

- -

III_36

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	3	2	16.7	16.7	16.7
	4	3	25.0	25.0	41.7
	5	5	41.7	41.7	83.3

6	2	16.7	16.7	100.0
Total	12	100.0	100.0	

Mean	4.583	Median	5.000	Mode	5.000
Std dev	.996	Skewness	-.274	S E Skew	.637
Range	3.000	Minimum	3.000	Maximum	6.000
Sum	55.000				

Valid cases 12 Missing cases 0

III_37

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	3	4	33.3	33.3	33.3
	4	4	33.3	33.3	66.7
	5	3	25.0	25.0	91.7
	6	1	8.3	8.3	100.0
	Total	12	100.0	100.0	

Mean	4.083	Median	4.000	Mode	3.000
Std dev	.996	Skewness	.470	S E Skew	.637
Range	3.000	Minimum	3.000	Maximum	6.000
Sum	49.000				

* Multiple modes exist. The smallest value is shown.

Valid cases 12 Missing cases 0

- -

III_38

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1	2	16.7	16.7	16.7
	2	2	16.7	16.7	33.3
	3	6	50.0	50.0	83.3
	4	2	16.7	16.7	100.0
	Total	12	100.0	100.0	

Mean	2.667	Median	3.000	Mode	3.000
Std dev	.985	Skewness	-.559	S E Skew	.637
Range	3.000	Minimum	1.000	Maximum	4.000
Sum	32.000				

Valid cases 12 Missing cases 0

III_39

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	4	3	25.0	25.0	25.0
	5	8	66.7	66.7	91.7
	6	1	8.3	8.3	100.0
	Total	12	100.0	100.0	

Mean	4.833	Median	5.000	Mode	5.000

Std dev	.577	Skewness	-.063	S E Skew	.637
Range	2.000	Minimum	4.000	Maximum	6.000
Sum	58.000				

Valid cases 12 Missing cases 0

- -

III_40

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	2	2	16.7	16.7	16.7
	3	3	25.0	25.0	41.7
	4	6	50.0	50.0	91.7
	5	1	8.3	8.3	100.0
	Total	12	100.0	100.0	

Mean	3.500	Median	4.000	Mode	4.000
Std dev	.905	Skewness	-.442	S E Skew	.637
Range	3.000	Minimum	2.000	Maximum	5.000
Sum	42.000				

Valid cases 12 Missing cases 0

III_41

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	4	4	33.3	33.3	33.3
	5	7	58.3	58.3	91.7
	6	1	8.3	8.3	100.0
	Total	12	100.0	100.0	

Mean	4.750	Median	5.000	Mode	5.000
Std dev	.622	Skewness	.170	S E Skew	.637
Range	2.000	Minimum	4.000	Maximum	6.000
Sum	57.000				

Valid cases 12 Missing cases 0

- -

V_1

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	3	1	8.3	9.1	9.1
	4	4	33.3	36.4	45.5
	5	5	41.7	45.5	90.9
	6	1	8.3	9.1	100.0
	.	1	8.3	Missing	
	Total	12	100.0	100.0	

Mean	4.545	Median	5.000	Mode	5.000
Std dev	.820	Skewness	-.176	S E Skew	.681
Range	3.000	Minimum	3.000	Maximum	6.000
Sum	50.000				

Valid cases 11 Missing cases 1

V_2

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	4	6	50.0	54.5	54.5
	5	4	33.3	36.4	90.9
	6	1	8.3	9.1	100.0
	.	1	8.3	Missing	
	Total	12	100.0	100.0	

Mean	4.545	Median	4.000	Mode	4.000
Std dev	.688	Skewness	.932	S E Skew	.661
Range	2.000	Minimum	4.000	Maximum	6.000
Sum	50.000				

Valid cases 11 Missing cases 1

- -

V_3

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	3	3	25.0	27.3	27.3
	4	3	25.0	27.3	54.5
	5	5	41.7	45.5	100.0
	.	1	8.3	Missing	
	Total	12	100.0	100.0	

Mean	4.182	Median	4.000	Mode	5.000
Std dev	.874	Skewness	-.409	S E Skew	.661
Range	2.000	Minimum	3.000	Maximum	5.000
Sum	46.000				

Valid cases 11 Missing cases 1

V_4

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	3	2	16.7	18.2	18.2
	4	3	25.0	27.3	45.5
	5	6	50.0	54.5	100.0
	.	1	8.3	Missing	
	Total	12	100.0	100.0	

Mean	4.364	Median	5.000	Mode	5.000
Std dev	.809	Skewness	-.847	S E Skew	.661
Range	2.000	Minimum	3.000	Maximum	5.000
Sum	48.000				

Valid cases 11 Missing cases 1

- -

V_5

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	3	1	8.3	9.1	9.1
	4	7	58.3	63.6	72.7
	5	3	25.0	27.3	100.0
	.	1	8.3	Missing	
	Total	12	100.0	100.0	

Mean	4.182	Median	4.000	Mode	4.000
Std dev	.603	Skewness	-.028	S E Skew	.661
Range	2.000	Minimum	3.000	Maximum	5.000
Sum	46.000				

Valid cases 11 Missing cases 1

V_6

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	3	1	8.3	9.1	9.1
	4	8	66.7	72.7	81.8
	5	2	16.7	18.2	100.0
	.	1	8.3	Missing	
	Total	12	100.0	100.0	

Mean	4.091	Median	4.000	Mode	4.000
Std dev	.539	Skewness	.155	S E Skew	.661
Range	2.000	Minimum	3.000	Maximum	5.000
Sum	45.000				

Valid cases 11 Missing cases 1

- -

SUM1 Annex Content

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	19	1	8.3	8.3	8.3
	20	1	8.3	8.3	16.7
	23	1	8.3	8.3	25.0
	25	1	8.3	8.3	33.3
	26	2	16.7	16.7	50.0
	27	1	8.3	8.3	58.3
	28	1	8.3	8.3	66.7
	30	2	16.7	16.7	83.3
	31	1	8.3	8.3	91.7
	32	1	8.3	8.3	100.0
	Total	12	100.0	100.0	

Mean	26.417	Median	26.500	Mode	26.000
Std dev	4.186	Skewness	-.526	S E Skew	.637
Range	13.000	Minimum	19.000	Maximum	32.000
Sum	317.000				

* Multiple modes exist. The smallest value is shown.

Valid cases 12 Missing cases 0

SUM2 Annex Difficulty

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	12	1	8.3	8.3	8.3
	15	1	8.3	8.3	16.7
	16	1	8.3	8.3	25.0
	18	2	16.7	16.7	41.7
	19	2	16.7	16.7	58.3
	23	1	8.3	8.3	66.7
	24	1	8.3	8.3	75.0
	26	1	8.3	8.3	83.3
	27	1	8.3	8.3	91.7
	28	1	8.3	8.3	100.0
	Total	12	100.0	100.0	

Mean	20.417	Median	19.000	Mode	18.000
Std dev	5.107	Skewness	.068	S E Skew	.637
Range	16.000	Minimum	12.000	Maximum	28.000
Sum	245.000				

* Multiple modes exist. The smallest value is shown.

Valid cases 12 Missing cases 0

- -

SUM3 Annex Length

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	14	1	8.3	8.3	8.3
	15	1	8.3	8.3	16.7
	19	2	16.7	16.7	33.3
	20	3	25.0	25.0	58.3
	21	1	8.3	8.3	66.7
	24	3	25.0	25.0	91.7
	30	1	8.3	8.3	100.0
	Total	12	100.0	100.0	

Mean	20.833	Median	20.000	Mode	20.000
Std dev	4.303	Skewness	.457	S E Skew	.637
Range	16.000	Minimum	14.000	Maximum	30.000
Sum	250.000				

* Multiple modes exist. The smallest value is shown.

Valid cases 12 Missing cases 0

SUM4 Ratings of Annex (Total)

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	51	1	8.3	8.3	8.3
	59	1	8.3	8.3	16.7
	61	1	8.3	8.3	25.0
	63	1	8.3	8.3	33.3
	65	1	8.3	8.3	41.7
	66	1	8.3	8.3	50.0
	67	1	8.3	8.3	58.3

72	1	8.3	8.3	66.7
73	1	8.3	8.3	75.0
74	1	8.3	8.3	83.3
78	1	8.3	8.3	91.7
83	1	8.3	8.3	100.0
Total	12	100.0	100.0	

Mean	67.667	Median	66.500	Mode	51.000
Std dev	8.835	Skewness	-.050	S E Skew	.637
Range	32.000	Minimum	51.000	Maximum	83.000
Sum	812.000				

* Multiple modes exist. The smallest value is shown.

Valid cases 12 Missing cases 0

SUM5 Opinion of Course

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	152	2	16.7	16.7	16.7
	154	1	8.3	8.3	25.0
	165	1	8.3	8.3	33.3
	168	1	8.3	8.3	41.7
	171	1	8.3	8.3	50.0
	174	1	8.3	8.3	58.3
	175	1	8.3	8.3	66.7
	178	1	8.3	8.3	75.0
	192	1	8.3	8.3	83.3
	202	1	8.3	8.3	91.7
	203	1	8.3	8.3	100.0
	Total	12	100.0	100.0	

Mean	173.833	Median	172.500	Mode	152.000
Std dev	17.735	Skewness	.464	S E Skew	.637
Range	51.000	Minimum	152.000	Maximum	203.000
Sum	2086.000				

Valid cases 12 Missing cases 0

SUM6 Soldierization

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	21	1	8.3	9.1	9.1
	24	5	41.7	45.5	54.5
	26	1	8.3	9.1	63.6
	27	1	8.3	9.1	72.7
	29	1	8.3	9.1	81.8
	31	2	16.7	18.2	100.0
	.	1	8.3	Missing	
	Total	12	100.0	100.0	

Mean	25.909	Median	24.000	Mode	24.000
Std dev	3.239	Skewness	.509	S E Skew	.661
Range	10.000	Minimum	21.000	Maximum	31.000
Sum	285.000				

Valid cases 11 Missing cases 1

- -

SUM7 Total Survey

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	232	1	8.3	9.1	9.1
	237	2	16.7	18.2	27.3
	255	1	8.3	9.1	36.4
	262	1	8.3	9.1	45.5
	265	1	8.3	9.1	54.5
	273	1	8.3	9.1	63.6
	276	1	8.3	9.1	72.7
	288	2	16.7	18.2	90.9
	301	1	8.3	9.1	100.0
	.	1	8.3	Missing	
	Total	12	100.0	100.0	

Mean	264.909	Median	265.000	Mode	237.000
Std dev	23.032	Skewness	-.066	S E Skew	.661
Range	69.000	Minimum	232.000	Maximum	301.000
Sum	2914.000				

* Multiple modes exist. The smallest value is shown.

Valid cases 11 Missing cases 1

APPENDIX 4

Descriptive Statistics

Summary

DESCRIPTIVE STATISTICS SUMMARY

Control Group
13 Week AIT
N=77

ITEM	MEAN	MEDIAN	MODE	STANDARD DEVIATION
II_1_A	4.097	4	4	0.953
_B	4.123	4	4	1.151
_C	4.103	4	4	1.280
_D	4.230	4	5	1.195
_E	4.038	4	4	1.267
_F	4.135	4	4	1.237
II_2_A	3.328	4	4	1.114
_B	3.222	3.5	4	1.284
_C	3.481	4	4	1.255
_D	3.642	4	4	1.287
_E	3.438	4	4	1.236
_F	3.865	4	4	1.329
II_3_A	3.845	4	4	1.056
_B	3.600	4	4	0.993
_C	3.389	3	4	1.123
_D	3.463	4	4	1.094
_E	3.300	4	4	1.165
_F	3.321	4	4	1.156
III_1	3.779	4	4	1.166
_2	4.403	5	5	1.067
_3	5.013	5	6	1.141
_4	3.325	4	4	1.261
_5	3.792	4	4	1.030
_6	4.701	5	5	1.247
_7	4.636	5	5	1.202
_8	5.208	5	5	0.784
_9	4.597	5	5	1.055

Experimental Group
4 Week AIT
N=12

ITEM	MEAN	MEDIAN	MODE	STANDARD DEVIATION
II_1_A	4.667	5	5	0.492
_B	4.364	5	5	1.120
_C	4.333	4.5	5	0.778
_D	4.333	5	5	0.985
_E	3.833	5	5	1.749
_F	4.917	5	5	1.084
II_2_A	3.500	4	4	1.314
_B	2.917	3	4	1.379
_C	3.667	4	4	0.888
_D	3.417	3.5	4	1.084
_E	3.000	3	2	1.206
_F	3.917	4	4	1.084
II_3_A	4.250	4	4	0.754
_B	3.417	4	4	1.084
_C	3.417	4	4	1.240
_D	3.500	4	4	1.000
_E	2.917	3	4	1.379
_F	3.333	3.5	4	0.985
III_1	4.083	4	3	1.443
_2	3.833	4	4	1.193
_3	5.000	5	4	0.853
_4	3.917	4	4	0.996
_5	4.333	4.5	5	1.073
_6	4.833	5	5	0.835
_7	4.583	5	5	0.793
_8	5.083	5	5	0.793
_9	4.667	5	5	0.778

DESCRIPTIVE STATISTICS SUMMARY

Control Group
13 Week AIT
N=77

ITEM	MEAN	MEDIAN	MODE	STANDARD DEVIATION
10	5.429	6	6	0.696
11	3.026	3	4	1.246
12	3.584	4	4	1.185
13	4.117	4	5	1.277
14	3.961	4	4	1.026
15	4.065	4	4	1.162
16	4.079	4	4	1.105
17	4.027	4	4	1.208
18	4.329	4	4	1.088
19	4.169	4	4	0.971
20	3.386	3	3	1.243
21	4.319	5	5	1.050
22	3.941	4	4	1.170
23	3.913	4	5	1.337
24	4.985	5	6	1.023
25	2.797	3	2	1.299
26	5.527	6	6	0.667
27	4.880	5	5	0.854
28	5.000	5	5	0.926
29	3.662	4	4	1.108
30	5.416	6	6	0.833
31	4.316	4	4	1.073
32	4.316	5	5	1.157
33	3.066	3	4	1.500
34	4.493	5	5	1.341
35	3.902	4	4	1.350
36	4.071	4	4	0.890
37	4.169	4	4	1.054

Experimental Group
4 Week AIT
N=12

ITEM	MEAN	MEDIAN	MODE	STANDARD DEVIATION
10	5.250	5	5	0.754
11	3.750	4	4	1.357
12	4.083	4	5	1.165
13	4.750	5	5	0.866
14	4.167	5	5	1.193
15	4.333	4	4	0.888
16	4.417	4	4	0.996
17	4.833	5	5	0.718
18	4.583	5	5	0.900
19	4.250	4	4	0.754
20	4.000	4	4	1.206
21	4.333	4.5	5	0.985
22	3.500	3.5	3	1.243
23	3.917	4	5	1.240
24	5.333	5	5	0.651
25	2.583	2	2	1.240
26	5.583	6	6	0.669
27	5.333	5	5	0.651
28	3.333	4	4	1.614
29	3.250	4	5	1.712
30	2.667	2.5	1	1.497
31	4.083	4	4	0.669
32	4.417	4	4	0.900
33	3.167	3	3	1.115
34	4.750	5	5	1.055
35	4.417	4	4	0.996
36	4.583	5	5	0.996
37	4.083	4	3	0.996

DESCRIPTIVE STATISTICS SUMMARY

Control Group
13 Week AIT
N=77

ITEM	MEAN	MEDIAN	MODE	STANDARD DEVIATION
_38	3.353	3	4	1.380
_39	4.132	4	4	1.075
_40	4.107	4	4	1.047
_41	4.118	4	4	0.993
V_1	3.849	4	4	0.794
_2	3.918	4	4	0.939
_3	3.932	4	4	1.097
_4	4.082	4	4	1.090
_5	4.083	4	4	0.915
_6	4.055	4	4	0.880
SUM1	24.907	24	24	5.910
SUM2	20.616	24	24	6.909
SUM3	20.986	23	24	5.797
SUM4	66.403	70	72	15.452
SUM5	172.351	172	166	21.381
SUM6	23.904	24	24	4.825
SUM7	264.478	264	252	30.061

Experimental Group
4 Week AIT
N=12

ITEM	MEAN	MEDIAN	MODE	STANDARD DEVIATION
_38	2.667	3	3	0.985
_39	4.833	5	5	0.577
_40	3.500	4	4	0.905
_41	4.750	5	5	0.622
V_1	4.545	5	5	0.820
_2	4.545	4	4	0.688
_3	4.182	4	5	0.874
_4	4.364	5	5	0.809
_5	4.182	4	4	0.603
_6	4.091	4	4	0.539
SUM1	26.417	27	26	4.166
SUM2	20.417	19	18	5.107
SUM3	20.833	20	20	4.303
SUM4	67.667	67	51	8.835
SUM5	173.833	173	152	17.735
SUM6	25.909	24	24	3.239
SUM7	264.909	265	237	23.032

APPENDIX 5

Reliability Analysis - Scale (Alpha)

****** Method 2 (covariance matrix) will be used for this analysis ******

R E L I A B I L I T Y A N A L Y S I S - S C A L E (A L P H A)

R E L I A B I L I T Y A N A L Y S I S - S C A L E (A L P H A)

		Mean	Std Dev	Cases
1.	II 1 A	4.1842	.9545	38.0
2.	II 1 B	4.0526	1.2509	38.0
3.	II 1 C	4.0263	1.3046	38.0
4.	II 1 D	4.2368	1.1255	38.0
5.	II 1 E	4.0526	1.3546	38.0
6.	II 1 F	4.1053	1.3313	38.0
7.	II 2 A	3.5263	1.0064	38.0
8.	II 2 B	3.3421	1.3002	38.0
9.	II 2 C	3.6316	1.1951	38.0
10.	II 2 D	3.8158	1.1355	38.0
11.	II 2 E	3.4474	1.1554	38.0
12.	II 2 F	4.0000	1.2302	38.0
13.	II 3 A	3.9474	.9285	38.0
14.	II 3 B	3.6316	.9979	38.0
15.	II 3 C	3.3158	1.0425	38.0
16.	II 3 D	3.3947	1.0011	38.0
17.	II 3 E	3.4737	1.2022	38.0
18.	II 3 F	3.2632	1.1551	38.0
19.	III 01	3.7632	1.1954	38.0
20.	III 02	4.1053	1.2475	38.0
21.	III 03	5.3684	.8829	38.0
22.	III 04	3.4737	1.2678	38.0
23.	III 05	3.8421	1.1746	38.0
24.	III 06	4.6053	1.4619	38.0
25.	III 07	4.6053	1.3860	38.0
26.	III 08	5.3158	.8732	38.0
27.	III 09	4.7895	1.0944	38.0
28.	III 10	5.3684	.7857	38.0
29.	III 11	3.1053	1.2256	38.0
30.	III 12	3.4211	1.2440	38.0
31.	III 13	4.0789	1.3230	38.0
32.	III 14	3.7368	1.1073	38.0
33.	III 15	4.2105	1.1427	38.0
34.	III 16	4.1053	1.1576	38.0
35.	III 17	4.0263	1.1505	38.0
36.	III 18	4.4211	1.0301	38.0
37.	III 19	4.0526	1.1137	38.0
38.	III 20	3.2368	1.2398	38.0
39.	III 21	4.1579	1.2198	38.0
40.	III 22	3.8947	1.2256	38.0
41.	III 23	3.9211	1.2602	38.0
42.	III 24	5.0526	1.0384	38.0
43.	III 25	2.8947	1.4292	38.0
44.	III 26	5.5526	.7604	38.0
45.	III 27	4.8947	.9526	38.0
46.	III 28	5.2105	.8433	38.0
47.	III 29	3.7368	1.1315	38.0
48.	III_30	5.3421	1.0208	38.0
49.	III 31	4.3158	1.0931	38.0
50.	III 32	4.2105	1.1427	38.0
51.	III 33	3.1053	1.4666	38.0
52.	III 34	4.7895	1.1661	38.0
53.	III 35	4.0263	1.3046	38.0
54.	III 36	4.1053	.8941	38.0
55.	III 37	4.2105	1.0694	38.0
56.	III 38	3.4211	1.4072	38.0
57.	III_39	4.0526	1.1613	38.0

58.	III 40	4.2368	.9708	38.0
59.	III 41	4.0526	1.0120	38.0
60.	V 1	3.7895	.8107	38.0
61.	V 2	3.9211	1.0235	38.0
62.	V 3	3.8158	1.2704	38.0
63.	V 4	4.0000	1.2081	38.0
64.	V 5	3.9211	.9693	38.0
65.	V 6	3.9737	.9722	38.0
66.	SUM1	24.6579	5.5423	38.0
67.	SUM2	21.7632	5.2681	38.0
68.	SUM3	21.0263	4.5470	38.0
69.	SUM4	67.4474	12.7188	38.0
70.	SUM5	172.8158	23.1795	38.0
71.	SUM6	23.4211	5.4109	38.0
72.	SUM7	263.6842	32.2826	38.0

R E L I A B I L I T Y A N A L Y S I S - S C A L E (A L P H A)

Covariance Matrix

	II_1_A	II_1_B	II_1_C	II_1_D	II_1_E
II 1 A	.9111				
II 1 B	.2603	1.5647			
II 1 C	.1842	.6472	1.7020		
II 1 D	.1714	.9061	1.2639	1.2667	
II 1 E	.4495	1.3215	.7013	.9602	1.8350
II 1 F	.0341	.9673	1.0782	1.0014	.8862
II 2 A	.3869	.1878	.2560	.1693	.4040
II 2 B	.0704	.1707	.4502	.3492	.4680
II 2 C	-.3087	.2091	.7127	.5220	.1550
II 2 D	-.3165	.4154	.4915	.4772	.3073
II 2 E	.0775	.5704	.4474	.4587	.4623
II 2 F	-.3514	.5676	.7027	.6486	.4054
II 3 A	.3343	-.1593	.0555	-.0953	.0299
II 3 B	.1778	.6415	.5235	.4680	.5875
II 3 C	-.0327	.2262	.9374	.6529	.2532
II 3 D	-.1017	.2760	.9083	.6607	.3300
II 3 E	.1807	.5690	.3656	.4253	.8663
II 3 F	-.0228	.3101	.8578	.5576	.2560
III 01	.4232	.1750	.3578	.2468	.1750
III 02	.3855	.3186	.2404	.2987	.6159
III 03	0554	-.1280	-.1181	-.0626	-.0740
III 04	.3969	.1636	.5277	.3172	.3796
III 05	.4623	.1977	.4367	.3898	.3058
III 06	.5882	.1294	.6053	.5284	.3727
III 07	.5882	.1024	.1728	.2312	.3997
III 08	.1565	.0640	.0185	.2475	.2532
III 09	.2560	.2817	.0597	.1323	.3627
III 10	.0925	-.0740	.1252	.1536	.2233
III 11	.4395	.3727	.3485	.4339	.4267
III 12	.2987	.1935	.4481	.2760	.3286
III 13	.5526	.1849	.0249	.0889	.3741
III 14	.3471	.2034	.7098	.4964	.4467
III 15	.5277	.3940	.2646	.2461	.5562
III 16	.4936	.2916	.6458	.4879	.3186
III 17	.5896	-.0284	.2966	.0477	-.0014
III 18	.2987	-.0228	-.0925	-.0213	.0043
III 19	.4495	.1053	.4310	.2845	.2674
III 20	.3065	.1764	-.1956	-.0306	.0683
III 21	.2674	.2888	.5363	.3670	.4239
III 22	.4253	.5462	.5164	.5121	.6003
III 23	.2852	.7340	.3535	.4787	.6529
III 24	.0711	.4836	.3229	.4467	.3485
III 25	-.0341	-.3457	.2731	.1067	.0597
III 26	.1117	.1863	-.0149	.0818	.1323
III 27	.3983	.4381	.0299	.2148	.3570
III_28	-.0939	-.1465	-.2219	-.0782	.0156

R E L I A B I L I T Y A N A L Y S I S - S C A L E (A L P H A)

Covariance Matrix

	II_1_A	II_1_B	II_1_C	II_1_D	II_1_E
III 29	.1579	.3926	-.1550	.0100	.3385
III 30	.5299	.4410	.1259	.1060	.5220
III 31	.4267	.4964	.0185	.1935	.3883
III 32	.0953	.5562	.5343	.5164	.5562
III 33	.3314	.4267	.3215	.2447	.4538
III 34	-.0413	-.1778	-.0213	.0512	-.1238
III 35	.4815	.1337	.2696	.2098	.1067
III 36	.1693	.2916	.1323	.2176	.5078
III 37	.2304	-.0925	.6430	.4083	.3129
III 38	-.2688	.0043	.2589	.3030	.1124
III 39	.3144	.6728	.1067	.3656	.5377
III 40	-.0718	-.0939	-.0605	.0775	-.0669
III 41	.2333	.3215	-.1366	.0663	.2404
V 1	.1209	.2006	.1949	.2674	.2006
V 2	-.0661	-.2390	.4075	.2895	-.1579
V 3	-.2084	-.3144	.2482	.2340	-.3144
V 4	-.1081	-.2973	.4054	.3243	-.4324
V 5	.0690	-.2119	.1643	.1543	-.2390
V 6	-.1031	-.0797	.4331	.3578	-.1337
SUM1	2.0107	5.6671	5.5768	5.5697	6.1536
SUM2	-.4417	2.1209	3.0605	2.6252	2.2020
SUM3	.5356	1.8634	3.6479	2.5693	2.3229
SUM4	2.1046	9.6515	12.2852	10.8642	10.6785
SUM5	11.7376	8.6586	9.1401	9.6935	12.2802
SUM6	-.2959	-.9417	1.8535	1.6273	-1.0768
SUM7	13.5462	17.3684	23.2788	22.1849	21.8819

R E L I A B I L I T Y A N A L Y S I S - S C A L E (A L P H A)

Covariance Matrix

	II_1_F	II_2_A	II_2_B	II_2_C	II_2_D
II 1 F	1.7724				
II 2 A	.1323	1.0128			
II 2 B	.3954	.8691	1.6906		
II 2 C	.7155	.3883	.6159	1.4282	
II 2 D	.8578	.1536	.4972	1.0925	1.2895
II 2 E	.6273	.5420	.6007	.6287	.5711
II 2 F	.9459	.2432	.4595	1.1892	1.2432
II 3 A	.0057	.1366	.0455	-.0469	-.0100
II 3 B	.5804	.2262	.3727	.4822	.3627
II 3 C	.8578	.2077	.4836	.6300	.4922
II 3 D	.8222	.2461	.5910	.6629	.5071
II 3 E	.6245	.2304	.6714	.0711	.3329
II 3 F	1.1337	.2091	.5562	.6401	.5903
III 01	.1067	.2091	.1913	-.2248	-.2881
III 02	.2319	.1593	-.0370	-.0953	-.0071
III 03	-.0398	-.0370	.0327	.0043	-.0384
III 04	.0569	.4467	.2930	-.0640	-.1536
III 05	.1522	.3826	.3798	-.0327	-.1920
III 06	.4211	.4026	.6792	-.1494	-.2098
III 07	.0967	.5377	.5982	-.1223	-.1828
III 08	.1280	.0996	.0242	-.0427	.0597
III 09	.0498	.2219	-.0882	-.1878	.0142
III 10	.0142	.0171	-.0754	.0043	.1238
III 11	.4211	.3485	.3144	.0128	-.0882
III 12	.4680	.1778	.3385	.1593	.1607
III 13	.0455	.1195	-.0548	-.1863	-.0391
III 14	.2447	.2233	.4168	-.1536	-.2660
III 15	.1124	.2376	.0341	-.3257	-.2034
III 16	.3940	.2134	.3684	-.0413	-.0882
III 17	-.2191	.2020	.0718	-.3684	-.4815
III 18	.0085	.1778	.2575	-.0028	.0797
III 19	.3186	.1067	.1437	-.3314	-.3144
III 20	-.0526	.0612	-.1373	-.3158	-.3876
III 21	.1451	-.0853	-.0014	-.1565	-.1053
III 22	.5249	.0569	.0910	.0953	.1422
III 23	.5761	-.0114	-.1074	.0242	.3094
III_24	.4267	-.1636	-.3969	-.0882	.1451

III 25	-.1778	.4083	.4154	.5548	.1152
III 26	.0484	-.0825	-.2482	-.1963	-.0576
III 27	.0654	.2191	-.0711	-.3642	-.2091
III 28	-.3741	.0213	-.0740	-.1095	-.1494
III 29	.3257	.0832	-.2048	-.1266	.0043
III 30	.1252	.1935	.0960	-.3841	-.1785
III 31	.1010	.2347	-.0299	-.1238	-.0484
III 32	.3556	.1294	.1422	.1607	.2560
III_33	.6643	.4296	.6657	.2290	.5875

R E L I A B I L I T Y A N A L Y S I S - S C A L E (A L P H A)

Covariance Matrix

	II_1_F	II_2_A	II_2_B	II_2_C	II_2_D
III 34	.0498	-.0213	-.0612	.0014	.2304
III 35	.0512	.1479	.0718	-.2603	-.2923
III 36	-.0114	.1593	.2603	-.1494	-.0071
III 37	.1124	-.1138	-.0199	-.2447	-.3115
III 38	.5491	-.2546	.2575	.0242	.1067
III 39	.1565	.1607	.0896	-.1422	.1181
III 40	-.1337	-.1821	-.0562	.0626	.0989
III 41	-.2219	.0256	.0085	-.3044	-.0982
V 1	.1579	.0597	-.0612	.1095	.1223
V 2	-.0455	.0156	.0007	.1053	-.0690
V 3	-.0071	-.2248	-.0164	-.0156	.0192
V 4	.0270	-.1622	.0000	.0000	.0270
V 5	-.0725	.0156	.1358	-.1650	-.2041
V 6	.1110	-.0669	.2255	.1252	.1031
SUM1	5.7297	1.5353	1.9040	2.0057	2.2326
SUM2	3.6743	3.2091	4.8129	5.3428	4.8471
SUM3	4.0242	1.2560	2.7205	2.4694	2.2752
SUM4	13.4381	6.0014	9.4374	9.8179	9.3549
SUM5	6.3172	5.6671	4.5782	-3.9616	-1.8457
SUM6	.1707	-.3627	.2845	.1593	-.0014
SUM7	19.9260	11.3058	14.3001	5.0156	7.5078

R E L I A B I L I T Y A N A L Y S I S - S C A L E (A L P H A)

Covariance Matrix

	II_2_E	II_2_F	II_3_A	II_3_B	II_3_C
II 2 E	1.3350				
II 2 F	.5676	1.5135			
II 3 A	.0242	.0000	.8620		
II 3 B	.4125	.4324	.0341	.9957	
II 3 C	.4225	.4324	.0711	.4708	1.0868
II 3 D	.4673	.4865	.0213	.4737	.9531
II 3 E	.2959	.2703	.3499	.5306	.4680
II 3 F	.5277	.5135	.1494	.5050	.9937
III 01	.1068	-.3243	.0413	.0725	.2660
III 02	.4381	.0541	.3841	.2560	.1550
III 03	-.0612	.0541	.1280	-.0768	-.3087
III 04	.2418	-.1081	.2688	.2333	.3559
III 05	.4509	-.2162	.0455	-.0327	.2404
III 06	.2895	.0541	.5733	-.0683	.1821
III 07	.3165	.1081	.3570	-.0953	-.2774
III 08	-.0100	.1622	.1252	-.1508	-.1565
III 09	.2319	.1622	.1238	.0555	-.2020
III 10	-.0341	.2162	.1010	-.2119	-.2005
III 11	.5462	-.1081	.3408	.0569	.3442
III 12	.5903	.0000	.0768	.2945	.5121
III 13	.2881	.0000	.3556	.1110	-.0526
III 14	.4452	-.2162	.1209	.1707	.3286
III 15	.1735	-.0811	.0925	-.0284	-.1764
III 16	.3570	.1081	.1138	.0939	.1280
III 17	.0420	-.4054	.2987	-.0171	.0185
III 18	.0498	.2162	.1309	-.0028	-.0825
III 19	.3001	-.2703	.0299	-.0441	.1721
III_20	.1885	-.3784	.0398	-.1536	-.2390

III 21	-.0996	.0270	.0626	.1408	.0299
III 22	.3727	.2162	.2376	.4467	.2233
III 23	.2795	.4054	.1579	.4296	.1337
III 24	-.0782	.2162	.1110	.1550	.0910
III 25	.0213	.1351	.3186	.2304	.4125
III 26	-.0917	.0541	.0839	-.1152	-.2063
III 27	.1294	-.0811	.0484	.0953	-.2091
III 28	-.1238	-.1351	-.0967	-.3528	-.3385
III 29	.3912	-.0270	-.0413	.0626	.0313
III 30	.1131	-.0541	.1266	.0754	-.1650
III 31	.3144	.0000	.0711	.2546	-.0213
III 32	.4168	.1892	-.0697	.0797	.4182
III 33	.7895	.3243	.3020	.2831	.3713
III 34	.0427	.1351	.1778	-.1067	.0413
III 35	.2582	-.2973	.2717	.1721	.0996
III 36	-.0754	.0811	.0057	.0128	-.1152
III 37	-.2048	-.2432	.1195	.0256	.2831
III_38	.1849	.0000	-.3556	-.1110	.3499

R E L I A B I L I T Y A N A L Y S I S - S C A L E (A L P H A)

Covariance Matrix

	II_2_E	II_2_F	II_3_A	II_3_B	II_3_C
III 39	.4623	.1351	.0839	.2361	-.0171
III 40	-.0277	.1351	.0669	-.1266	-.1579
III 41	.2191	-.0541	.1650	.0199	-.2603
V 1	.3129	.0811	.1778	.1366	.1223
V 2	-.0718	.0270	.1579	-.1380	.1607
V 3	-.1856	.0270	.1792	-.2859	.1949
V 4	.0000	.0811	.1892	-.2433	.2432
V 5	.1444	-.1892	.1038	-.0533	.1067
V 6	.1472	.1351	.2148	-.0100	.3058
SUM1	2.6437	2.9189	.1707	2.9787	2.8947
SUM2	4.3250	5.2162	.1494	2.2888	2.5984
SUM3	2.1501	2.1351	1.4879	3.0100	4.0455
SUM4	9.1188	10.2703	1.8080	8.2774	5.6387
SUM5	8.2468	.1892	5.3954	2.3898	2.0327
SUM6	.3471	.1622	1.0228	-.6245	1.1337
SUM7	17.7127	10.6216	8.2262	10.0427	12.8051

R E L I A B I L I T Y A N A L Y S I S - S C A L E (A L P H A)

Covariance Matrix

	II_3_D	II_3_E	II_3_F	III_01	III_02
II 3 D	1.0021				
II 3 E	.4866	1.4452			
II 3 F	.9203	.5747	1.3343		
III 01	.1230	.0882	.4154	1.4289	
III 02	.1195	.5974	.2959	.2416	1.5562
III 03	-.2304	-.1252	-.1266	-.2347	.1494
III 04	.3215	.4993	.3314	.7098	.5434
III 05	.1721	.0228	.2859	.8265	.1792
III 06	.2411	.3812	.1878	.5256	.1778
III 07	-.2183	.2731	-.2176	.2013	.3129
III 08	-.1280	.0356	-.1124	.0228	.2361
III 09	-.1309	.2646	-.1863	-.1053	.3471
III 10	-.1223	-.0711	-.1536	-.0996	.2034
III 11	.4168	.3001	.3499	.3770	.6373
III 12	.5050	.3357	.6430	.8321	.2248
III 13	-.0861	.3940	.1138	.4787	1.0185
III 14	.3499	.3172	.3684	.5036	.5690
III 15	-.1394	.1949	-.1110	.4566	.3285
III 16	.1195	.1920	.2148	.5661	.2048
III 17	-.0107	-.0398	.0740	.8983	.4566
III 18	.0185	.0384	-.0057	.1835	.2248
III 19	.1408	.0825	.2560	.6885	.3457
III 20	-.2312	-.0341	.0171	.1657	.3528
III_21	-.0370	.0853	.0114	.5060	.3883

III 22	.1508	.2945	.2717	.4370	.4438
III 23	.1671	.4979	.2105	.4132	.7112
III 24	.1408	.1906	.1750	-.1496	.1835
III 25	.3670	.3755	.2717	-.1878	.6500
III 26	-.1430	-.1067	-.1764	-.1358	.1835
III 27	-.1195	.2404	-.1607	.1095	.3087
III 28	-.2745	-.2916	-.5164	-.2731	-.2660
III 29	.0256	.2632	.1252	.2333	.3528
III 30	-.1657	.2930	-.1195	.2454	.2873
III 31	.0341	.3329	.0768	.3201	.6415
III 32	.5092	.4922	.3755	.2404	.6529
III 33	.3627	.6515	.6472	.3499	.6913
III 34	.1124	.1565	.0259	-.4026	.1038
III 35	.1785	.3926	.1280	.7902	.2674
III 36	-.0427	.4083	-.1366	.2418	.2319
III 37	.3201	.3030	.2134	.2204	.3018
III 38	.5320	-.0697	.4608	.0754	.0896
III 39	-.0213	.3798	-.0683	.4452	.4538
III 40	-.1771	.2361	-.1721	.1387	.1095
III 41	-.2376	.1906	-.3385	.3912	.3457
V 1	.1664	.2646	.0839	.0839	.3741
V_2	.2212	-.0697	.1024	.0619	.0356

R E L I A B I L I T Y A N A L Y S I S - S C A L E (A L P H A)

Covariance Matrix

	II_3_D	II_3_E	II_3_F	III_01	III_02
V 3	.2639	-.0185	.1579	-.0178	.1010
V 4	.3243	-.0541	.2162	.1081	.2432
V 5	.1401	-.0427	.1294	.2781	.2788
V 6	.3620	.0939	.2504	.1829	.0299
SUM1	2.8954	3.0313	3.0925	1.4844	2.0910
SUM2	2.9609	1.8730	3.0370	-.3279	.5121
SUM3	3.8272	3.8250	4.4794	1.0064	1.8080
SUM4	9.6835	8.7283	10.6088	2.1629	4.6111
SUM5	2.9125	9.0625	3.9687	12.8471	15.4523
SUM6	1.4780	.1735	.9402	.6970	1.0626
SUM7	14.0740	17.9644	15.5178	15.7070	20.9260

R E L I A B I L I T Y A N A L Y S I S - S C A L E (A L P H A)

Covariance Matrix

	III_03	III_04	III_05	III_06	III_07
III 03	.7795				
III 04	-.3144	1.6074			
III 05	-.2105	.9687	1.3798		
III 06	.1764	.5164	.7198	2.1373	
III 07	.3385	.5434	.8009	1.4616	1.9231
III 08	.3400	.0356	.1053	.5064	.5605
III 09	-.0014	.5889	.3172	.3741	.6444
III 10	.2390	.1451	.1138	.3115	.4737
III 11	-.0939	.7326	.5927	.7994	.6643
III 12	-.4836	.8762	.9331	.4410	.2768
III 13	.1853	.5562	.5263	.5996	.9239
III 14	-.0896	.8057	.8762	.7312	.7582
III 15	-.0797	.6003	.6287	.5448	.8962
III 16	.0142	.5974	.7738	1.0967	.9346
III 17	-.1451	.9602	.8091	.7134	.5512
III 18	.0299		.1764	.6302	.4950
III 19	-.20[illegible]	.	.8464	.8321	.7240
III 20	[illegible]	.436[illegible]	.4708	.3833	.3393
III 21	.	.7340	.4851	.5505	.4694
III 22	.[illegible]83	.9431	.8708	.6871	.6871
III 23	.0299	.6871	.3115	.5085	.5526
III 24	.0612	.2447	-.0729	.0484	-.0327
III 25	.0953	.2945	-.0441	-.3670	-.3400
III 26	.0682	.0284	-.07[illegible]5	.1700	.0869
III_27	.0398	.5377	.2002	.6168	.5519

III 28	.0555	-.0754	.0612	-.0228	.0853
III 29	-.2248	.7226	.5789	.1906	.4339
III 30	-.0484	.4552	.3798	.6792	.7063
III 31	-.0654	.8193	.5377	.4253	.5875
III 32	-.2688	.1949	.1422	.0853	-.1309
III 33	-.1209	.4353	.3956	.3400	.3400
III 34	.3229	.1835	-.1422	.0768	.0498
III 35	-.0100	.7169	.5178	.8495	.4431
III 36	-.0398	.7055	.4225	.4481	.6373
III 37	.0014	.7624	.3835	.4908	.3016
III 38	.1110	-.3670	-.1479	.3058	-.2888
III 39	-.1010	.7312	.6031	.4898	.5619
III 40	.1266	.4523	.2817	.2312	.4744
III 41	-.0469	.4609	.3329	.5619	.5345
V 1	-.0555	.3997	.2091	.0760	.1579
V 2	.0028	.6050	.4196	.3464	.2383
V 3	.0156	.4410	.3485	.4659	.2767
V 4	.0811	.3704	.2703	.5946	.2432
V 5	.0299	.4438	.3926	.5626	.3193
V 6	-.0711	.3912	.3741	.5299	.2055
SUM1	-.3570	1.8421	1.9445	2.6451	2.3910

R E L I A B I L I T Y A N A L Y S I S - S C A L E (A L P H A)

Covariance Matrix

	III_03	III_04	III_05	III_06	III_07
SUM2	-.0455	.6558	.7724	1.0661	1.2553
SUM3	-.7397	2.0413	.7340	1.4972	-.1785
SUM4	-1.1422	4.5391	3.4509	5.2084	2.6679
SUM5	.4481	21.1707	18.0512	20.6442	20.5469
SUM6	.0028	2.6600	2.0142	2.5761	1.4410
SUM7	-.6913	28.3698	23.5164	28.6287	24.6556

R E L I A B I L I T Y A N A L Y S I S - S C A L E (A L P H A)

Covariance Matrix

	III_08	III_09	III_10	III_11	III_12
III 08	.7624				
III 09	.3656	1.1977			
III 10	.4481	.5121	.5174		
III 11	.2091	.3471	.0693	1.5021	
III 12	-.1906	.1721	.0028	.7113	1.3477
III 13	.3798	.6927	.4296	.6673	.5064
III 14	.0043	.2404	.1366	.6230	.7624
III 15	.1209	.5131	.3528	.5178	.5576
III 16	.0199	.4282	.2304	.6102	.5862
III 17	-.0356	.2489	.0711	.5456	.7724
III 18	.1067	.1721	.1650	.3058	.3314
III 19	.0100	.3627	.1963	.6970	.5952
III 20	.0043	.0242	-.0055	.2967	.0868
III 21	.0569	.3044	.2376	.2802	.3101
III 22	.2033	.4908	.2290	.6600	.5563
III 23	.4310	.6046	.2731	.6031	.5936
III 24	.3863	.3087	.1963	.1825	-.1579
III 25	-.2091	-.3741	-.1764	.1195	-.3166
III 26	.3343	.2817	.2233	.2105	-.1038
III 27	.3855	.7070	.2250	.5249	.0996
III 28	.2560	.0996	.1636	-.2312	-.3073
III 29	.1124	.5647	.0996	.6230	.7354
III 30	.1323	.6415	.2489	.2333	.3115
III 31	.1044	.5548	.1228	.7757	.4851
III 32	-.0413	.0725	-.0256	.5175	.3144
III 33	-.1152	.2390	.0413	.6373	.7112
III 34	.3385	.4139	.2959	.0498	-.3114
III 35	.0725	.2841	.0171	.6999	.2913
III 36	.2361	.4283	.3575	.3400	.3599
III 37	.1479	.3158	.3257	.4367	.4475
III 38	.1067	-.2684	.0569	.3599	.1352

III 39	.2262	.6871	.1422	.6159	.5178
III 40	.3016	.3485	.2617	.3257	.2489
III 41	.1721	.4708	.1422	.3727	.2745
V 1	.1494	.2248	.0797	.4822	.3343
V 2	.1607	.1181	.1920	.3869	.2504
V 3	.2489	.0683	.2048	.4253	.1878
V 4	.1892	-.0541	.1351	.4865	.1892
V 5	.1337	.0100	.0569	.4950	.3044
V 6	.0626	-.0327	.0370	.3542	.3627
SUM1	.8677	1.1422	.5349	2.8424	2.0123
SUM2	.2930	.3542	.2518	1.0256	1.4287
SUM3	-.3869	-.0754	-.6586	1.5168	2.3670
SUM4	.7738	1.4211	.1280	5.0865	5.8065
SUM5	7.7624	14.7169	7.9616	19.2713	15.8905
SUM6	.9445	.3343	.7055	2.6302	1.6287

R E L I A B I L I T Y A N A L Y S I S - S C A L E (A L P H A)

Covariance Matrix

	III_08	III_09	III_10	III_11	III_12
SUM7	9.4808	16.4723	8.7952	27.0882	23.3257

	III_13	III_14	III_15	III_16	III_17
III 13	1.7504				
III 14	.6159	1.2262			
III 15	.6586	.5164	1.3058		
III 16	.5320	.7312	.8151	1.3400	
III 17	.5925	.7098	.6970	.8080	1.3236
III 18	.4253	.1408	.2603	.5761	.4751
III 19	.5363	.8250	.8265	1.0484	.8634
III 20	.2511	.3883	.0028	.2587	.2639
III 21	.5007	.5492	.3983	.5586	.6446
III 22	.6572	.6472	.4282	.6871	.6785
III 23	.9794	.3570	.5056	.2248	.4075
III 24	.0498	.0413	.0427	-.1679	-.0825
III 25	-.1266	.0797	-.4908	-.3129	.0839
III 26	.0633	-.0669	.1238	.0213	.2013
III 27	.4410	.2148	.4282	.3627	.2272
III 28	-.2873	-.1323	-.1536	-.2930	-.1408
III 29	.6430	.3613	.4353	.2176	.2774
III 30	.5939	.3627	.6287	.5846	.5313
III 31	.8393	.4367	.3642	.3442	.5050
III 32	.4424	.3812	.0896	-.0326	.1294
III 33	.7212	.5690	.1664	.3670	.2674
III 34	.0171	-.1380	-.2788	-.3016	-.2914
III 35	.5384	.4125	.3457	.6188	.7020
III 36	.4509	.4339	.4097	.3400	.3755
III 37	.3073	.6245	.3869	.5178	.5349
III 38	-.2504	.2949	-.2262	.1707	-.1454
III 39	.8065	.4467	.4481	.5078	.4310
III 40	.4132	.0640	.2731	.2987	.2398
III 41	.7255	.2304	.3670	.3727	.4030
V 1	.2603	.1863	.1266	.0498	.1128
V 2	.0875	.3841	-.1181	.1977	.2954
V 3	.1230	.4367	-.3385	.1010	.1401
V 4	.1892	.4324	-.2162	.2432	.2703
V 5	.1956	.4922	-.1181	.3599	.3535
V 6	.0292	.3983	-.1565	.3001	.2169
SUM1	1.2710	2.4481	2.1010	2.6316	.6849
SUM2	.1273	.4495	-.1650	.9175	-.9395
SUM3	.8357	1.6558	-.1679	.8620	.3236
SUM4	2.2340	4.5533	1.7681	4.4111	.0600
SUM5	20.6528	17.1124	15.3101	17.5064	17.7888
SUM6	.8848	2.3300	-.8208	1.2518	1.3940

R E L I A B I L I T Y A N A L Y S I S - S C A L E (A L P H A)

Covariance Matrix

	III_13	III_14	III_15	III_16	III_17
SUM7	23.9716	23.9957	16.2575	23.1693	19.2518

	III_18	III_19	III_20	III_21	III_22
III 18	1.0512				
III 19	.3826	1.2404			
III 20	.2760	.1494	1.5370		
III 21	.0128	.5851	.0156	1.4879	
III 22	.1266	.6814	.2418	.9630	1.5021
III 23	.1152	.3016	.0462	.6885	.9915
III 24	-.0768	-.1920	.1764	-.0085	.1949
III 25	-.1166	-.3457	-.0284	-.1721	-.0384
III 26	.2205	.0242	.0007	-.0356	.1138
III 27	.2617	.3300	.1878	.1522	.3940
III 28	-.1161	-.2546	.0569	-.2504	-.1935
III 29	.0868	.4467	.5235	.1238	.7283
III 30	.4467	.5220	.2581	.4580	.4694
III 31	.3770	.3613	.6259	.3812	.7368
III 32	.0711	.0967	.1380	.0740	-.0313
III 33	.0896	.3997	.3257	.4964	.7411
III 34	-.0711	-.3400	.1863	.0612	.0313
III 35	.2046	.5391	.3179	.5363	.6245
III 36	.2518	.2646	.1636	.5505	.5789
III 37	.0711	.6102	-.1323	.5334	.4552
III 38	.2233	.4637	.0597	.0398	-.1707
III 39	.1935	.4296	.2304	.5590	.8706
III 40	.0327	.1494	-.0306	.2319	.4580
III 41	.2205	.2945	.2034	.4750	.6003
V 1	-.0982	.1195	.0512	.0612	.4637
V 2	-.0469	.1664	.0733	.2020	.4509
V 3	.1067	.1721	.2340	.3272	.5206
V 4	.1892	.2162	.2432	.2703	.3784
V 5	.1693	.4097	.3706	.3642	.5050
V 6	.0925	.3447	-.0206	.3286	.4816
SUM1	.3750	1.3563	.2724	2.0284	3.1252
SUM2	.7781	-.3656	-.9694	-.4211	.9744
SUM3	.0967	.6472	-.6029	.2930	1.6245
SUM4	1.0498	2.1380	-1.2980	1.9004	5.7240
SUM5	9.1607	17.3073	9.3151	15.2191	20.6287
SUM6	.4125	1.3286	.9516	1.5533	2.6023
SUM7	10.6230	20.7738	8.9587	18.6728	29.1550

R E L I A B I L I T Y A N A L Y S I S - S C A L E (A L P H A)

Covariance Matrix

	III_23	III_24	III_25	III_26	III_27
III 23	1.5852				
III 24	.5446	1.0782			
III 25	-.6139	-.3457	2.0427		
III 26	.2340	.4025	-.1835	.5782	
III 27	.5320	.4651	-.3898	.3841	.9075
III 28	-.1721	.0967	-.0853	.2319	.1309
III 29	.8706	.2034	-.2068	.0413	.6580
III 30	.4872	.5626	-.5576	.2923	.5235
III 31	.6905	.3343	-.1260	.1721	.7098
III 32	.5036	.1505	.2590	.0156	.1056
III 33	.7112	-.1138	.3357	-.2760	-.0156
III 34	.2532	.5789	-.1038	.0654	.2475
III 35	.7319	.0797	-.1863	-.0950	.4623
III 36	.6031	.1835	-.0967	.1294	.3896
III 37	.2063	.2589	.0768	.1778	.3471
III 38	-.0199	.0313	-.3599	-.0498	-.1166
III 39	1.0043	.2134	-.3727	.0522	.6003
III 40	.4242	.0883	-.0264	.0818	.2959
III 41	.7610	-.0569	-.3457	.0513	.4381
V_1	.4964	.1739	.2475	.0114	.3016
V_2	.1017	.1935	.4750	.0989	.3347

V 3	.2824	.2532	.2774	.0235	.1093
V 4	.3243	.2432	.2703	.0541	.1622
V 5	.2098	.0313	.1907	-.0092	.2347
V 6	.1600	.0555	.2134	-.0391	.1053
SUM1	3.0804	2.0996	-.1181	.5455	1.5036
SUM2	.8997	-.3656	1.6501	-.6225	-.3770
SUM3	1.5967	.8634	1.9758	-.6635	-.1053
SUM4	5.5768	2.5974	3.5078	-.7404	1.0213
SUM5	19.9851	5.4154	-3.6145	4.2067	13.7639
SUM6	1.5747	.9502	1.6671	.1394	1.2077
SUM7	27.1366	8.9630	1.5605	3.6657	15.9929

R E L I A B I L I T Y A N A L Y S I S - S C A L E (A L P H A)

Covariance Matrix

	III_28	III_29	III_30	III_31	III_32
III 28	.7112				
III 29	.0028	1.2802			
III 30	.0612	.3898	1.0420		
III 31	-.0953	.8421	.5667	1.1945	
III 32	-.0990	.2461	.1953	.4452	1.3058
III 33	-.5633	.4879	.1522	.4794	.6529
III 34	.1807	.0782	.0199	.2304	.0996
III 35	-.1679	.4936	.2610	.5590	.3997
III 36	.0854	.4508	.4495	.5605	.1935
III 37	.0085	.0839	.3044	.2259	.1166
III 38	-.1721	-.0484	-.2831	-.1636	.3954
III 39	-.0654	.7960	.3869	.7937	.3129
III 40	.1110	.3513	.0249	.3286	-.1323
III 41	.0427	.5273	.4410	.6316	.1778
V 1	-.0085	.4296	-.0892	.3926	.2888
V 2	.1792	.1408	-.1885	.2688	-.0370
V 3	.0669	.2475	-.2596	[illegible]	.1750
V 4	-.0541	.1081	-.2703	[illegible]	.2703
V 5	-.0910	.1949	-.1074	.1770	.0441
V 6	-.0484	.0199	-.1799	.1707	.1138
SUM1	-.5990	1.0697	1.3499	1.6245	2.6145
SUM2	-.5704	.1252	-.2141	.3471	1.2945
SUM3	-1.8706	.4666	.0448	.7482	1.8051
SUM4	-3.3400	1.6615	1.6857	2.7198	5.7141
SUM5	-2.9602	15.4367	13.9566	18.9516	8.4452
SUM6	.0441	1.1408	-1.0939	1.8905	.8549
SUM7	-3.2560	19.2390	14.5434	23.5619	15.0142

R E L I A B I L I T Y A N A L Y S I S - S C A L E (A L P H A)

Covariance Matrix

	III_33	III_34	III_35	III_36	III_37
III 33	2.1590				
III 34	.2390	1.3599			
III 35	.6725	.3030	1.9020		
III 36	.2589	.0768	.2945	.7594	
III 37	-.2390	.1516	.3727	.3626	1.1437
III 38	.1707	.1181	.1506	-.2077	.2603
III 39	.7781	.0525	.8044	.5619	.0697
III 40	-.0757	.1323	.4260	.4068	.3272
III 41	.6267	.6114	.6743	.4251	.0156
V 1	.4282	.2248	.5733	.1579	.1536
V 2	.0085	.1721	.2994	.2708	.5846
V 3	.3713	.4196	.3563	.3713	.4452
V 4	.4054	.5243	.5135	.2162	.4054
V 5	.4410	.0910	.5156	.1777	.3144
V 6	.3007	.1024	.4331	.1930	.3570
SUM1	2.4434	-.2532	1.2525	1.3073	1.6145
SUM2	3.0256	.3272	-.3720	.2625	-1.1380
SUM3	2.6188	.6111	1.2425	.1323	1.2646
SUM4	8.0865	.4751	2.1230	1.7064	1.7411
SUM5	14.3172	3.0602	18.2212	14.0469	12.3642

SUM6	1.9545	1.3343	2.6913	1.4139	2.2503
SUM7	24.3585	5.7696	23.0356	17.1693	16.3656

	III_38	III_39	III_40	III_41	V_1
III 38	1.9801				
III 39	-.1309	1.3485			
III 40	-.2916	.4737	.9424		
III 41	-.2119	.5431	.4467	1.0242	
V 1	-.0171	.4708	.3755	.3627	.6572
V 2	-.1010	.2675	.4516	.1364	.3633
V 3	.4310	.4624	.3962	.2802	.4467
V 4	.4324	.4054	.3243	.3243	.4324
V 5	.4125	.4367	.2084	.2556	.3343
V 6	.2276	.3796	.2757	.2987	.3727
SUM1	.9587	2.1536	-.3492	.5050	1.1422
SUM2	.3186	.8236	.0308	-.2034	.6245
SUM3	.8265	.5932	-.3307	-.4609	.9516
SUM4	2.1038	3.5704	-.6496	-.1593	2.7183
SUM5	1.4580	18.9559	9.7205	14.3343	8.8250
SUM6	1.2855	2.3826	2.0327	1.7881	2.6046
SUM7	4.9474	24.9090	11.1038	15.9630	14.1479

R E L I A B I L I T Y A N A L Y S I S - S C A L E (A L P H A)

Covariance Matrix

	V_2	V_3	V_4	V_5	V_6
V 2	1.0477				
V 3	.9851	1.6138			
V 4	.9189	1.3514	1.4595		
V 5	.6422	.9580	1.0000	.9395	
V 6	.7276	1.0220	1.0000	.7546	.9452
SUM1	.1885	-.3620	-.0811	-.1358	.5853
SUM2	.0078	-.3962	-.0541	-.2624	.6693
SUM3	.4346	.4915	.6757	.2535	1.2169
SUM4	.6309	-.2567	.5405	-.0448	2.4716
SUM5	8.0932	7.6949	9.8647	10.4445	7.4815
SUM6	4.6628	6.3770	6.1622	4.6287	6.8222
SUM7	13.4068	15.8051	16.2675	15.0284	14.7752

	SUM1	SUM2	SUM3	SUM4	SUM5
SUM1	30.7176				
SUM2	13.2411	27.7332			
SUM3	15.0633	13.0064	20.6750		
SUM4	59.0220	54.0007	42.7447	161.7674	
SUM5	57.2272	12.8741	25.7617	96.4630	337.2895
SUM6	1.3371	.5869	4.1238	6.0495	54.6040
SUM7	118.1863	67.4637	78.6302	264.2802	688.1565

	SUM6	SUM7
SUM6	78.2774	
SUM7	89.7312	1042.1679

R E L I A B I L I T Y A N A L Y S I S - S C A L E (A L P H A)

Correlation Matrix

	II_1_A	II_1_B	II_1_C	II_1_D	II_1_E
II 1 A	1.0000				
II 1 B	.2180	1.0000			
II 1 C	.1479	.3966	1.0000		
II_1_D	.1596	.6436	.8508	1.0000	

II 1 E	.3476	.7799	.3968	.6298	1.0000
II 1 F	.0267	.5808	.6208	.6683	.4914
II 2 A	.4028	.1492	.1950	.1494	.2963
II 2 B	.0567	.1050	.2654	.2386	.2657
II 2 C	-.2706	.1399	.4571	.3881	.0958
II 2 D	-.2320	.2924	.3317	.3734	.1997
II 2 E	.0703	.3957	.2968	.3528	.2954
II 2 F	-.2992	.3688	.4378	.4685	.2433
II 3 A	.3772	-.1372	.0458	-.0912	.0238
II 3 B	.1867	.5140	.4021	.4167	.4346
II 3 C	-.0329	.1734	.6893	.5565	.1793
II 3 D	-.1064	.2204	.6954	.5864	.2434
II 3 E	.1574	.3784	.2231	.3143	.5320
II 3 F	-.0706	.2148	.5892	.4289	.1636
III 01	.2709	.1170	.2394	.1834	.1081
III 02	.3237	.2042	.1477	.2128	.3645
III 03	.0776	-.1159	-.1025	-.0630	-.0618
III 04	.3279	.1031	.2191	.2223	.2211
III 05	.4123	.1346	.2850	.2948	.1922
III 06	.4215	.0708	.3173	.3212	.1882
III 07	.4446	.0591	.0956	.1482	.2129
III 08	.1877	.0536	.0162	.2519	.2141
III 09	.2451	.2057	.0419	.1074	.2447
III 10	.1233	-.0793	.1221	.1737	.2098
III 11	.3757	.2431	.2180	.3145	.2570
III 12	.2516	.1243	.2761	.1971	.1950
III 13	.4376	.1117	.0144	.0597	.2087
III 14	.3284	.1469	.4913	.3983	.2978
III 15	.4838	.2757	.1775	.1913	.3593
III 16	.4467	.2014	.4276	.3745	.2032
III 17	.5369	-.0198	.1976	.0368	-.0009
III 18	.3038	-.0177	-.0688	-.0184	.0031
III 19	.4228	.0756	.2956	.2270	.1773
III 20	.2590	.1137	-.1209	-.0219	.0407
III 21	.2297	.1892	.3370	.2673	.2565
III 22	.3636	.3562	.3229	.3712	.3616
III 23	.2371	.4656	.2150	.3375	.3825
III 24	.0718	.3723	.2384	.3822	.2478
III 25	-.0250	-.1933	.1465	.0663	.0309
III 26	.1538	.1959	-.0151	.0956	.1284
III 27	.4380	.3677	.0240	.2003	.2767
III_28	-.1166	-.1389	-.2017	-.0824	.0137

R E L I A B I L I T Y A N A L Y S I S - S C A L E (A L P H A)

Correlation Matrix

	II_1_A	II_1_B	II_1_C	II_1_D	II_1_E
III 29	.1462	.2774	-.1050	.0078	.2209
III 30	.5438	.3454	.0945	.0972	.3775
III 31	.4090	.3631	.0120	.1572	.2523
III 32	.0874	.3891	.3588	.4015	.3593
III 33	.2369	.2326	.1880	.1482	.2284
III 34	-.0371	-.1719	-.0140	.0390	-.0783
III 35	.3867	.0819	.1984	.1429	.0604
III 36	.1983	.1607	.1134	.2163	.4193
III 37	.2257	-.0091	.4608	.3392	.2160
III 38	-.2002	.0024	.1910	.1913	.0590
III 39	.2836	.4632	.0704	.2797	.3418
III 40	-.0775	-.0773	-.0477	.0710	-.0508
III 41	.2415	.2539	-.1054	.0599	.1754
V 1	.1593	.1979	.1843	.2031	.1826
V 2	-.0677	-.1866	.3052	.2513	-.1139
V 3	-.1719	-.1978	.1498	.1637	-.1827
V 4	-.0928	-.1967	.2577	.2385	-.2642
V 5	.0746	-.1744	.1239	.1415	-.1870
V 6	-.1111	-.0655	.3415	.3269	-.1015
SUM1	.3801	.8174	.7713	.8929	.8196
SUM2	-.0878	.3218	.4443	.4428	.3086
SUM3	.1234	.3276	.5150	.5214	.3771
SUM4	.1934	.6066	.7404	.7809	.5148
SUM5	.5305	.2986	.3023	.3716	.3911

SUM6	-.0573	-.1391	.2526	.2672	-.1469
SUM7	.4396	.4301	.5527	.6106	.5004

R E L I A B I L I T Y A N A L Y S I S - S C A L E (A L P H A)

Correlation Matrix

	II_1_F	II_2_A	II_2_B	II_2_C	II_2_D
II 1 F	1.0000				
II 2 A	.0987	1.0000			
II 2 B	.2284	.6642	1.0000		
II 2 C	.4497	.3229	.3964	1.0000	
II 2 D	.5674	.1344	.3367	.8050	1.0000
II 2 E	.4078	.4661	.4531	.4553	.4353
II 2 F	.5776	.1965	.2872	.8089	.8899
II 3 A	.0046	.1461	.0377	-.0423	-.0094
II 3 B	.4369	.2252	.2872	.4044	.3201
II 3 C	.6180	.1980	.3568	.5298	.4158
II 3 D	.6169	.2443	.4541	.5541	.4461
II 3 E	.3902	.1905	.4295	.0495	.2438
II 3 F	.7372	.1799	.3703	.4637	.4501
III 01	.0670	.1738	.1231	-.1573	-.2122
III 02	.1396	.1269	-.0228	-.0639	-.0050
III 03	-.0339	-.0416	.0285	.0040	-.0383
III 04	.0337	.3501	.1778	-.0422	-.1067
III 05	.0973	.3237	.2487	-.0233	-.1440
III 06	.2163	.2736	.3573	-.0855	-.1254
III 07	.0524	.3855	.3319	-.0739	-.1161
III 08	.1101	.1133	.0213	-.0409	.0503
III 09	.0342	.2015	-.0620	-.1436	.0114
III 10	.0136	.0216	-.0738	.0045	.1387
III 11	.2580	.2825	.1973	.0087	-.0634
III 12	.2826	.1420	.2093	.1072	.1138
III 13	.0258	.0897	-.0318	-.1179	-.0260
III 14	.1660	.2004	.2895	-.1161	-.2115
III 15	.0739	.2066	.0230	-.2385	-.1568
III 16	.2557	.1832	.2448	-.0298	-.0571
III 17	-.1430	.1745	.0480	-.2680	-.3686
III 18	.0062	.1715	.1922	-.0023	.0681
III 19	.2149	.0952	.0992	-.2490	-.2486
III 20	-.0319	.0490	-.0852	-.2131	-.2753
III 21	.0893	-.0695	-.0009	-.1073	-.0750
III 22	.3217	.0461	.0571	.0651	.1022
III 23	.3434	-.0090	-.0655	.0161	.2162
III 24	.3087	-.1565	-.2939	-.0711	.1231
III 25	-.0934	.2838	.2235	.3248	.0710
III 26	.0478	-.1078	-.2511	-.2160	-.0667
III 27	.0516	.2285	-.0574	-.3139	-.1933
III 28	-.3332	.0251	-.0675	-.1087	-.1550
III 29	.2162	.0775	-.1392	-.0936	.0033
III 30	.0921	.1883	.0723	-.3148	-.1540
III 31	.0694	.2134	-.0210	-.0947	-.0390
III 32	.2338	.1126	.0957	.1177	.1273
III_33	.3402	.2911	.3491	.1307	.3528

R E L I A B I L I T Y A N A L Y S I S - S C A L E (A L P H A)

Correlation Matrix

	II_1_F	II_2_A	II_2_B	II_2_C	II_2_D
III 34	.0321	-.0182	-.0403	.0010	.1760
III 35	.0295	.1127	.0422	-.1670	-.1973
III 36	-.0096	.1771	.2239	-.1398	-.0070
III 37	.0789	-.1057	-.0143	-.1914	-.2565
III 38	.2931	-.1798	.1407	.0164	.0668
III 39	.1012	.1375	.0584	-.1023	.0495
III 40	-.1039	-.1854	-.0445	.0540	.0897
III 41	-.1647	.0251	.0054	-.2517	-.0854
V 1	.1463	.0732	-.0580	.1131	.1329
V_2	-.0334	.0152	.0005	.0861	-.0594

V 3	-.0042	-.1758	-.0099	-.0103	.0133
V 4	.0188	-.1334	.0000	.0000	.0197
V 5	-.0562	.0160	.1078	-.1424	-.1855
V 6	.0857	-.0683	.1784	.1077	.0934
SUM1	.7779	.2754	.2642	.3028	.3547
SUM2	.5239	.6053	.7026	.8486	.8102
SUM3	.6648	.2745	.4602	.4544	.4407
SUM4	.7936	.4689	.5707	.6459	.6477
SUM5	.2047	.2429	.1519	-.1430	-.0701
SUM6	.0237	-.0666	.0404	.0246	-.0002
SUM7	.4636	.3480	.3407	.1559	.2048

R E L I A B I L I T Y A N A L Y S I S - S C A L E (A L P H A)

Correlation Matrix

	II_2_E	II_2_F	II_3_A	II_3_B	II_3_C
II 2 E	1.0000				
II 2 F	.3993	1.0000			
II 3 A	.0225	.0000	1.0000		
II 3 B	.3578	.3523	.0368	1.0000	
II 3 C	.3507	.3372	.0735	.4526	1.0000
II 3 D	.4040	.3950	.0230	.4742	.9132
II 3 E	.2130	.1827	.3135	.4423	.3734
II 3 F	.2954	.3624	.1393	.4381	.8269
III 01	.0788	-.2208	.0372	.0608	.2135
III 02	.3040	.0352	.3316	.2057	.1192
III 03	-.0600	.0498	.1562	-.0872	-.3354
III 04	.1651	-.0693	.2284	.1844	.2927
III 05	.3322	-.1496	.0417	-.0279	.1963
III 06	.1714	.0301	.4223	-.0468	.1195
III 07	.1976	.0634	.2775	-.0689	-.1920
III 08	-.0099	.1510	.1544	-.1731	-.1719
III 09	.1834	.1204	.1218	.0508	-.1770
III 10	-.0376	.2237	.1384	-.2793	-.2449
III 11	.3857	-.0717	.1238	.0547	.2694
III 12	.4107	.0000	.0665	.2372	.3949
III 13	.1884	.5000	.2895	.0840	-.0382
III 14	.3480	-.1587	.1170	.1545	.2847
III 15	.1314	-.0577	.0871	-.0249	-.1481
III 16	.2670	.0759	.1059	.0813	.1061
III 17	.0316	-.2864	.2797	-.0149	.0154
III 18	.6413	.1706	.1368	-.0028	-.0768
III 19	.2332	-.1973	.0289	-.0307	.1482
III 20	.1526	-.2431	.0346	-.1242	-.1849
III 21	-.0707	.0180	.0563	.1157	.0235
III 22	.2632	.1434	.2098	.3652	.1748
III 23	.1920	.2655	.2349	.3416	.1018
III 24	-.0652	.1693	.1151	.1496	.0841
III 25	.0129	.0969	.2601	.1656	.2769
III 26	-.1001	.0578	.1189	-.1518	-.2602
III 27	.1196	-.0652	.0547	.1003	-.2105
III 28	-.3270	-.1302	-.1235	-.4192	-.3651
III 29	.2993	-.0154	-.0393	.0553	.0265
III 30	.0959	-.0430	.1336	.0740	-.1551
III 31	.2489	.0820	.0701	.2334	-.0187
III 32	.2151	.1348	-.0557	.0699	.3511
III 33	.4889	.1798	.2225	.1934	.2628
III 34	.0317	.0942	.1642	-.0917	.0339
III 35	.1715	-.1853	.2245	.1332	.0732
III 36	-.0730	.0737	.0569	.0143	-.1236
III 37	-.1658	-.1369	.1203	.0240	.2539
III_38	.1137	.0000	-.0722	-.0190	.0385

2 E L I A B I L I T Y A N A L Y S I S - S C A L E (A L P H A)

Correlation Matrix

	II_2_E	II_2_F	II_3_A	II_3_B	II_3_C
III_39	.2446	.0945	.0778	.2038	-.0141

III 40	-.0247	.1132	.0742	-.1307	-.1560
III 41	.1873	-.0434	.1756	.0197	-.2467
V 1	.3341	.0813	.2362	.1688	.1448
V 2	-.0607	.0215	.1661	-.1351	.1506
V 3	-.1265	.0173	.1520	-.2256	.1472
V 4	.0000	.0546	.1687	-.2018	.1931
V 5	.1239	-.1587	.1154	-.0868	.1056
V 6	.1311	.1130	.2380	-.0103	.3017
SUM1	.4128	.4281	.0332	.5386	.5010
SUM2	.7105	.8048	.0305	.4354	.4913
SUM3	.4093	.3817	.3524	.6634	.8535
SUM4	.6205	.6564	.1531	.6522	.7269
SUM5	.3079	.0056	.2507	.1033	.0841
SUM6	.0555	.0244	.2036	-.1157	.2010
SUM7	.4749	.2674	.2745	.3118	.3805

R E L I A B I L I T Y A N A L Y S I S - S C A L E (A L P H A)

Correlation Matrix

	II_3_D	II_3_E	II_3_F	III_01	III_02
II 3 D	1.0000				
II 3 E	.3794	1.0000			
II 3 F	.7959	.4138	1.0000		
III 01	.1028	.0614	.3003	1.0000	
III 02	.0957	.3984	.2053	.1622	1.0000
III 03	-.2007	-.1179	-.1241	-.2224	.1356
III 04	.2533	.3276	.2263	.4684	.3436
III 05	.1464	.0161	.2107	.5886	.1223
III 06	.1647	.2169	.1112	.3008	.0775
III 07	-.1574	.1639	-.1359	.1215	.1810
III 08	-.1465	.0339	-.1114	.0218	.2163
III 09	-.1195	.2011	-.1474	-.0805	.2542
III 10	-.1555	-.0753	-.1693	-.1065	.2075
III 11	.3097	.2037	.2472	.2573	.4168
III 12	.4055	.2245	.4474	.5996	.1448
III 13	-.0650	.2477	.0745	.3027	.3171
III 14	.3157	.2323	.2880	.3406	.4119
III 15	-.1219	.1419	-.0841	.3343	.2305
III 16	.1031	.1380	.1606	.4032	.2418
III 17	-.0093	-.0288	.0557	.6532	.3182
III 18	.0179	.0310	-.0048	.1490	.1749
III 19	.1263	.0416	.1990	.5171	.2482
III 20	-.1863	-.0229	.0119	.1118	.2261
III 21	-.0302	.0582	.0001	.4156	.2552
III 22	.1229	.1993	.1919	.3330	.2903
III 23	.1325	.3286	.1446	.2743	.4524
III 24	.1235	.1527	.1459	-.1203	.1417
III 25	.2565	.2186	.1646	-.1099	.3792
III 26	-.1876	-.1167	-.2608	-.1495	.1954
III 27	-.1252	.2099	-.1461	.0962	.2597
III 28	-.3252	-.2876	-.5301	-.2709	-.2528
III 29	.0226	.1935	.0958	.1725	.1498
III 30	-.1622	.2388	-.1013	.2011	.3257
III 31	.0312	.2533	.0608	.2443	.4705
III 32	.4452	.3583	.2845	.1760	.4580
III 33	.2471	.3695	.3221	.1996	.3770
III 34	.0963	.1116	.0222	-.2888	.0714
III 35	.1367	.2503	.0850	.5057	.1743
III 36	-.0477	.3798	-.1322	.2263	.2075
III 37	.2990	.2357	.1727	.1881	.2250
III 38	.3777	-.0412	.2850	.5468	.0511
III 39	-.0184	.2721	-.0509	.3207	.3132
III 40	-.1822	.2022	-.1635	.1195	.0904
III 41	-.2345	.1567	-.2896	.3234	.2730
V 1	.2051	.2715	.0295	.0864	.3699
V 2	.2159	-.0566	.0866	.0506	.0279

R E L I A B I L I T Y A N A L Y S I S - S C A L E (A L P H A)

Correlation Matrix

	II_3_D	II_3_E	II_3_F	III_01	III_02
V 3	.2075	-.0121	.1076	-.0117	.0637
V 4	.2682	-.0372	.1149	.0749	.1614
V 5	.1444	-.0356	.1198	.2400	.2305
V 6	.3739	.0803	.2229	.1573	.0246
SUM1	.5219	.4550	.4630	.2241	.3024
SUM2	.5614	.2956	.4991	-.0921	.0779
SUM3	.8408	.6958	.5528	.1852	.3787
SUM4	.7808	.5958	.7221	.1423	.2700
SUM5	.1255	.3252	.1482	.4637	.5324
SUM6	.2729	.0267	.4504	.1078	.1578
SUM7	.4355	.4629	.4161	.4070	.5156

R E L I A B I L I T Y A N A L Y S I S - S C A L E (A L P H A)

Correlation Matrix

	III_03	III_04	III_05	III_06	III_07
III 03	1.0000				
III 04	-.2808	1.0000			
III 05	-.2030	.0505	1.0000		
III 06	.1367	.2786	.4191	1.0000	
III 07	.2787	.3022	.4919	.7213	1.0000
III 08	.4410	.0321	.1026	.3957	.4631
III 09	-.0015	.4240	.2466	.2538	.4248
III 10	.3445	.1457	.1253	.2712	.4350
III 11	-.0868	.4715	.4812	.4463	.3911
III 12	-.4403	.5556	.6366	.2425	.1617
III 13	.1595	.3316	.3587	.2100	.5038
III 14	-.0917	.3725	.6737	.4517	.4940
III 15	-.0750	.4143	.4084	.3261	.5550
III 16	.0139	.4071	.5691	.6481	.5025
III 17	-.1428	.6583	.5431	.4241	.3457
III 18	.0328	.0915	.1458	.4184	.3467
III 19	-.2127	.4795	.6476	.5111	.4993
III 20	.1887	.1502	.3233	.2170	.1476
III 21	.0951	.4763	.3365	.3087	.2775
III 22	-.0431	.5065	.5731	.3854	.4065
III 23	.0258	.1300	.2104	.2369	.3221
III 24	.0567	.1356	-.0595	.0519	-.0227
III 25	-.0755	.1625	-.0263	-.1756	-.1726
III 26	.1314	.0295	-.0812	.1529	.0844
III 27	.0474	.4452	.2504	.1993	.4180
III 28	.0745	-.0705	.0917	-.0185	.0730
III 29	-.2256	.3037	.4356	.1152	.2767
III 30	-.0537	.2517	.3168	.4833	.4992
III 31	-.0678	.5912	.4188	.2681	.3879
III 32	-.2665	.1365	.1060	.0511	-.0825
III 33	-.0934	.2241	.2296	.1886	.1673
III 34	.3136	.1241	-.1036	.0451	.0508
III 35	-.0606	.4324	.3370	.4449	.2650
III 36	-.0505	.6394	.4023	.3428	.5142
III 37	.0015	.5623	.3063	.3135	.2058
III 38	.3893	-.2057	-.0829	.1487	-.1481
III 39	-.0985	.4966	.4422	.2832	.3491
III 40	.1977	.3675	.4470	.1629	.3526
III 41	-.0835	.3592	.2000	.3792	.3833
V 1	-.0775	.3889	.2196	.0548	.1405
V 2	.0021	.4670	.3490	.2215	.1580
V 3	.0140	.2738	.2335	.2508	.1571
V 4	.0750	.2470	.1905	.3357	.1853
V 5	.0349	.1811	.3468	.3970	.2377
V 6	-.0829	.3174	.3376	.3728	.1526
SUM1	-.0730	.2622	.3987	.3765	.4071

R E L I A B I L I T Y A N A L Y S I S - S C A L E (A L P H A)

Correlation Matrix

	III_03	III_04	III_05	III_06	III_07
SUM2	-.0098	.0982	.1246	.1384	.1719
SUM3	-.1843	.3541	.1374	.2252	-.0283
SUM4	-.1017	.2815	.2310	.2801	.1513
SUM5	.0219	.7204	.6630	.6151	.6395
SUM6	.0006	.3878	.3169	.3257	.1921
SUM7	-.0243	.6931	.6201	.6066	.5510

R E L I A B I L I T Y A N A L Y S I S - S C A L E (A L P H A)

Correlation Matrix

	III_08	III_09	III_10	III_11	III_12
III 08	1.0000				
III 09	.3826	1.0000			
III 10	.6531	.5955	1.0000		
III 11	.1954	.2588	.0709	1.0000	
III 12	-.1755	.1264	.0029	.4665	1.0000
III 13	.3288	.4784	.4133	.4114	.3077
III 14	.0044	.1984	.1455	.4591	.5535
III 15	.1212	.4902	.3929	.3697	.3922
III 16	.0197	.3380	.2534	.4301	.4751
III 17	-.0354	.1977	.0787	.4580	.5397
III 18	.1186	.1527	.2039	.2422	.2586
III 19	.0102	.2976	.2243	.5106	.6468
III 20	.0039	.0178	-.0088	.1966	.0563
III 21	.0534	.2280	.2479	.1874	.2044
III 22	.2087	.3659	.2378	.4394	.3616
III 23	.3917	.4383	.2758	.3905	.3146
III 24	.4283	.2716	.2406	.1442	-.1222
III 25	-.1676	-.2392	-.1571	.0682	-.0656
III 26	.5034	.3384	.3738	.2259	-.1098
III 27	.4634	.6781	.3060	.4496	.0840
III 28	.3477	.1079	.2469	-.2051	-.2929
III 29	.1137	.4561	.1120	.4493	.5225
III 30	.1484	.5743	.3104	.2865	.2453
III 31	.2042	.4637	.1441	.5797	.3567
III 32	-.0413	.0580	-.0285	.3697	.2211
III 33	-.0900	.1489	.0358	.3545	.3898
III 34	.3325	.3243	.3229	.0348	-.2353
III 35	.0637	.2690	.0167	.4377	.4260
III 36	.3025	.4376	.3655	.3102	.3225
III 37	.1584	.2698	.3877	.3332	.3379
III 38	.0868	-.2392	.0515	.2087	.0658
III 39	.2231	.5406	.1559	.4328	.3584
III 40	.3558	.3280	.3431	.2738	.2061
III 41	.1948	.4251	.1789	.3005	.2181
V 1	.2110	.2533	.1251	.4853	.3315
V 2	.1798	.1054	.2388	.3084	.1966
V 3	.2244	.0491	.2052	.2732	.1188
V 4	.1793	-.0409	.1424	.3286	.1259
V 5	.1580	.0094	.0747	.4157	.2524
V 6	.0737	-.0307	.0484	.2972	.2999
SUM1	.1793	.1883	.1228	.3596	.2919
SUM2	.0637	.0614	.0608	.1586	.2177
SUM3	-.0975	-.0152	-.1843	.2905	.4184
SUM4	.0697	.1021	.0128	.3263	.3670
SUM5	.3835	.5801	.4371	.6819	.5511
SUM6	.1999	.0565	.1660	.3966	.2420

R E L I A B I L I T Y A N A L Y S I S - S C A L E (A L P H A)

Correlation Matrix

	III_08	III_09	III_10	III_11	III_12
SUM7	.3363	.4662	.3467	.6846	.5808

	III_13	III_14	III_15	III_16	III_17

III 13	1.0000				
III 14	.4204	1.0000			
III 15	.4356	.4081	1.0000		
III 16	.3474	.5704	.6162	1.0000	
III 17	.3892	.5572	.5302	.6067	1.0000
III 18	.3121	.1235	.2211	.4831	.4009
III 19	.3640	.6690	.6494	.8132	.6739
III 20	.1531	.2829	.0020	.2082	.1850
III 21	.3103	.3918	.2857	.4664	.4592
III 22	.4053	.4769	.3057	.4843	.4812
III 23	.5874	.2559	.3497	.1541	.2811
III 24	.0362	.0359	.0360	-.1396	-.0691
III 25	-.0670	0503	-.3005	-.1892	.0510
III 26	.0629	-.0794	.1424	.0242	.2301
III 27	.3499	.2036	.3933	.3289	.2965
III 28	-.2575	-.1417	-.1594	-.3002	-.1451
III 29	.4295	.2884	.3367	.1662	.2131
III 30	.4398	.3209	.5390	.4948	.4524
III 31	.5803	.3608	.2915	.2721	.4015
III 32	.2926	.3013	.0686	-.0172	.0985
III 33	.3717	.3504	.0993	.2162	.1585
III 34	.0111	-.1069	-.2092	-.2234	-.2174
III 35	.3119	.2656	.2319	.4097	.4677
III 36	.3812	.4382	.4010	.3285	.3651
III 37	.2172	.5273	.3166	.4183	.4347
III 38	-.1345	.1251	-.1407	.1048	-.0905
III 39	.5250	.3474	.3377	.3778	.3225
III 40	.3217	.0595	.2462	.2658	.1879
III 41	.5418	.2056	.3173	.3181	.3470
V 1	.2427	.2076	.1367	.0531	.1220
V 2	.0646	.3389	-.1009	.1669	.2543
V 3	.0732	.3104	-.2332	.0687	.0959
V 4	.1184	.3233	-.1566	.1739	.1945
V 5	.1525	.4585	-.1066	.3207	.3170
V 6	.0227	.3700	-.1408	.2667	.1939
SUM1	.1733	.3989	.3317	.4222	.1074
SUM2	.0183	.0771	-.0274	.1505	-.1550
SUM3	.1389	.3289	-.0323	.1638	.0619
SUM4	.1325	.3233	.1217	.2956	0047
SUM5	.6800	.6667	.5780	.6524	.6671
SUM6	.1236	.3889	-.1327	.1999	.2239

R E L I A B I L I T Y A N A L Y S I S - S C A L E (A L P H A)

Correlation Matrix

	III_13	III_14	III_15	III_16	III_17
SUM7	.5513	.5713	.4407	.6200	.5183

	III_18	III_19	III_20	III_21	III_22
III 18	1.0000				
III 19	.3335	1.0000			
III 20	.2161	.1082	1.0000		
III 21	.0192	.4314	.0103	1.0000	
III 22	.1003	.4992	.1591	.6442	1.0000
III 23	.0888	.2149	.0296	.4479	.6419
III 24	-.0718	-.1661	.1370	-.0067	.1531
III 25	-.0792	-.2172	-.0161	-.0987	-.0219
III 26	.2815	.0286	.0008	-.0383	.1221
III 27	.2667	.3110	.1590	.1310	.3375
III 28	-.1359	-.2711	.0544	-.2434	-.1872
III 29	.0944	.3544	.3732	.0897	.5252
III 30	.4248	.4592	.2119	.3679	.3752
III 31	.3348	.2968	.4618	.2859	.5500
III 32	.0604	.0760	.0974	.0531	-.0223
III 33	.0593	.2447	.1792	.2775	.4123
III 34	-.0592	-.2618	.1289	.0430	.0219
III 35	.1524	.3710	.1966	.3370	.3905
III_36	.2734	.2657	.1475	.5048	.5283

III 37	.0646	.5124	-.0998	.4089	.3473
III 38	.1541	.2959	.0342	.0232	-.0990
III 39	.1637	.3322	.1601	.3947	.6117
III 40	.0327	.1381	-.0254	.1958	.3850
III 41	.2115	.2612	.1621	.3872	.4840
V 1	-.1175	.1323	.0510	.0619	.4667
V 2	-.0445	.1460	.0577	.1618	.3595
V 3	.0815	.1217	.1486	.2111	.3344
V 4	.1520	.1607	.1624	.1834	.2556
V 5	.1695	.3795	.3084	.3080	.4251
V 6	.0923	.2260	-.0171	.2771	.4059
SUM1	.0306	.3007	.0396	.3000	.4601
SUM2	.1434	-.0623	-.1484	-.0655	.1509
SUM3	.0207	.1378	-.1066	.0528	.2915
SUM4	.0801	.1509	-.0823	.1225	.3672
SUM5	.3836	.6704	.3242	.5383	.7261
SUM6	.0740	.2205	.1419	.2353	.4225
SUM7	.3194	.5778	.2241	.4742	.7269

R E L I A B I L I T Y A N A L Y S I S - S C A L E (A L P H A)

Correlation Matrix

	III_23	III_24	III_25	III_26	III_27
III 23	1.0000				
III 24	.4163	1.0000			
III 25	-.2298	-.2329	1.0000		
III 26	.2442	.5098	-.1688	1.0000	
III 27	.4431	.4702	-.2863	.5302	1.0000
III 28	-.1619	.1105	-.0708	.3616	.1629
III 29	.6105	.1731	-.2516	.0479	.4249
III 30	.3787	.0590	-.3822	.3766	.5383
III 31	.6464	.2945	-.0819	.2071	.6816
III 32	.3497	.1271	.1463	.0180	.0954
III 33	.3848	-.0747	.1602	-.2475	-.0112
III 34	.1723	.4781	-.0623	.0738	.2228
III 35	.4451	.0588	-.0999	-.0968	.3720
III 36	.5353	.1976	-.0357	.1904	.4576
III 37	.1530	.2331	.0503	.2187	.3407
III 38	-.0112	.0214	-.1789	-.0465	-.0870
III 39	.6862	.1770	-.2246	.0580	.5426
III 40	.3471	.0677	-.0205	.1108	.3199
III 41	.5967	-.0541	-.2390	.0665	.4544
V 1	.4859	.2062	.2136	.0185	.3905
V 2	.0788	.1820	.3267	.1270	.2407
V 3	.1764	.1919	.1528	.0243	.1399
V 4	.2130	.1939	.1565	.0588	.1409
V 5	.1718	.0311	.1304	-.0125	.2542
V 6	.1306	.0550	.1536	-.0529	.1137
SUM1	.4410	.3648	-.0149	.1294	.2848
SUM2	.1355	-.0668	.2192	-.1554	-.0751
SUM3	.2786	.1629	.3040	-.1919	-.0243
SUM4	.3479	.1967	.1930	-.0765	.0845
SUM5	.6841	.2250	-.1091	.2421	.6233
SUM6	.2309	.1691	.2156	.0339	.2343
SUM7	.6670	.2674	.0338	.1492	.5200

R E L I A B I L I T Y A N A L Y S I S - S C A L E (A L P H A)

Correlation Matrix

	III_28	III_29	III_30	III_31	III_32
III 28	1.0000				
III 29	.0030	1.0000			
III 30	.0711	.3375	1.0000		
III 31	-.1034	.6809	.5061	1.0000	
III 32	-.1033	.1903	.1683	.3564	1.0000
III 33	-.4554	.2940	.1017	.2990	.3896
III 34	.1337	.0593	.0167	.1808	.0747
III_35	-.1526	.3344	.1960	.3820	.2681

III 36	.1132	.4556	.4925	.5734	.1893
III 37	.0095	.0694	.2789	.1959	.0954
III 38	-.1450	-.0304	-.3971	-.1064	.2459
III 39	-.0668	.6073	.3264	.6253	.2358
III 40	.1355	.3289	.0251	.3097	-.1193
III 41	.0500	.4609	.4269	.5709	.1538
V 1	-.0125	.4683	-.1066	.4430	.3117
V 2	.2076	.1216	-.1804	.2403	-.0316
V 3	.0624	.1722	-.2002	.2571	.1205
V 4	-.0531	.0791	-.2192	.2456	.1958
V 5	-.1114	.1777	-.1085	.3558	.0398
V 6	-.0590	.0181	-.1813	.1606	.1024
SUM1	-.1923	.1706	.3270	.2581	.4128
SUM2	-.1284	.0210	-.0398	.0603	.2150
SUM3	-.4878	.0907	.0097	.1505	.3474
SUM4	-.3114	.1155	.1295	.1956	.3931
SUM5	-.1003	.5886	.5899	.7480	.3188
SUM6	.0097	.1865	-.1921	.3196	.1383
SUM7	-.1931	.4993	.4412	.6677	.4070

R E L I A B I L I T Y A N A L Y S I S - S C A L E (A L P H A)

Correlation Matrix

	III_33	III_34	III_35	III_36	III_37
III 33	1.0000				
III 34	.1397	1.0000			
III 35	.3517	.1992	1.0000		
III 36	.1974	.0737	.2526	1.0000	
III 37	-.1524	.1232	.2671	.4002	1.0000
III 38	.0827	.0719	.0821	-.1651	.1730
III 39	.4559	.0683	.5342	.5412	.0561
III 40	-.0560	.1169	.3364	.4687	.3151
III 41	.2975	.0096	.3107	.4716	.0145
V 1	.3601	.2377	.5420	.2178	.1772
V 2	.0057	.1442	.2242	.3047	.5341
V 3	.1993	.2833	.2150	.3269	.3277
V 4	.2288	.2302	.3258	.2002	.3138
V 5	.3102	.0895	.4078	.2281	.3033
V 6	.2105	.0903	.3415	.2209	.3434
SUM1	.3005	-.0407	.1732	.2638	.2724
SUM2	.3916	.0533	-.0541	.0571	-.2020
SUM3	.3927	.0775	.2095	.0325	.2601
SUM4	.4335	.0320	.1279	.1502	.1250
SUM5	.4212	.1465	.6028	.6778	.4988
SUM6	.2463	.2115	.3813	.2923	.3906
SUM7	.5145	.1533	.5470	.5848	.4740

	III_38	III_39	III_40	III_41	V_1
III 38	1.0000				
III 39	-.0801	1.0000			
III 40	-.2135	.4202	1.0000		
III 41	-.1488	.6025	.4546	1.0000	
V 1	-.0150	.5002	.4772	.4421	1.0000
V 2	-.0701	.2082	.4545	.1607	.4354
V 3	.2411	.2999	.3212	.2180	.4337
V 4	.2544	.2890	.2765	.2553	.4415
V 5	.3024	.3680	.2215	.3625	.4254
V 6	.1654	.3364	.2921	.3036	.4729
SUM1	.1229	.3346	-.0649	.0900	.2542
SUM2	.0430	.1346	.0960	-.0382	.1462
SUM3	.1292	.1123	-.0749	-.1002	.2582
SUM4	.1176	.2417	-.0526	-.0124	.2636
SUM5	.0447	.7142	.4320	.6111	.4696
SUM6	.1829	.3792	.3879	.3255	.5938
SUM7	.1089	.6644	.3543	.4886	.5406

R E L I A B I L I T Y A N A L Y S I S - S C A L E (A L P H A)

Correlation Matrix

	V_2	V_3	V_4	V_5	V_6
V 2	1.0000				
V 3	.7576	1.0000			
V 4	.7431	.9205	1.0000		
V 5	.6473	.7780	.8540	1.0000	
V 6	.7312	.6275	.8514	.8008	1.0000
SUM1	.0332	-.0511	-.0121	-.0253	.1086
SUM2	.0015	-.0592	-.0085	-.0514	.1307
SUM3	.0934	.0851	.1230	.0862	.2753
SUM4	.0485	-.0165	.0352	-.0036	.1999
SUM5	.3411	.3292	.3523	.4649	.3320
SUM6	.8455	.9277	.9427	.8825	.9167
SUM7	.4057	.3854	.4248	.4803	.4708

	SUM1	SUM2	SUM3	SUM4	SUM5
SUM1	1.0000				
SUM2	.8535	1.0000			
SUM3	.5977	.5430	1.0000		
SUM4	.8372	.8059	.8429	1.0000	
SUM5	.4501	.1054	.2444	.3272	1.0000
SUM6	.0465	.0207	.1676	.0879	.4338
SUM7	.6005	.3967	.5357	.6437	.9196

	SUM6	SUM7
SUM6	1.0000	
SUM7	.5137	1.0000

* * * Warning * * * Determinant of matrix is zero

Statistics based on inverse matrix for scale ALPHA
are meaningless and printed as .

R E L I A B I L I T Y A N A L Y S I S - S C A L E (A L P H A)

N of Cases = 38.0

Statistics for Scale	Mean	Variance	Std Dev	N of Variables
	858.5000	11126.9595	105.4844	72

R E L I A B I L I T Y A N A L Y S I S - S C A L E (A L P H A)

Item-total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Alpha if Item Deleted
II 1 A	854.3158	11042.3841	.4171	.	.8367
II 1 B	854.4474	11005.0107	.4287	.	.8361
II 1 C	854.4737	10964.4182	.5887	.	.8355
II 1 D	854.2632	10973.3883	.6459	.	.8356
II 1 E	854.4474	10976.1458	.5269	.	.8357
II 1 F	854.5947	10982.2996	.5121	.	.8358
II 2 A	854.9737	11048.1344	.3678	.	.8368
II 2 B	855.1579	11020.9744	.3710	.	.8364
II 2 C	854.6684	11072.6579	.2102	.	.8372
II 2 D	854.3842	11064.4922	.2561	.	.8370
II 2 E	855.0526	11073.7809	.5025	.	.8361
II 2 F	854.5000	11044.2027	.3147	.	.8367
II_3_A	854.5526	11046.8485	.2623	.	.8372

II 3 B	854.8634	11051.1444	.3566	.	.8368
II 3 C	855.1242	11021.9281	.4289	.	.8365
II 3 D	855.1053	11024.1508	.4843	.	.8354
II 3 E	855.0263	11003.1815	.4851	.	.8361
II 3 F	855.2368	11013.9694	.4605	.	.8362
III 01	854.7368	11029.8208	.3812	.	.8365
III 02	854.3947	10994.1373	.5018	.	.8359
III 03	853.1316	11134.1714	-.0423	.	.8381
III 04	855.0263	10949.2696	.6636	.	.8352
III 05	854.6579	10980.3393	.5900	.	.8357
III 06	853.8947	10946.9075	.5816	.	.8352
III 07	852.8947	10975.6102	.5143	.	.8357
III 08	853.1642	11069.2895	.3037	.	.8371
III 09	853.7105	11026.4815	.4320	.	.8364
III 10	853.1316	11074.5498	.3132	.	.8371
III 11	855.3947	10955.7589	.6614	.	.8352
III 12	855.0789	10976.9395	.5696	.	.8357
III 13	854.4211	10980.4125	.5222	.	.8357
III 14	854.7632	10975.1046	.6452	.	.8356
III 15	854.2895	11027.1842	.4103	.	.8364
III 16	854.3947	10986.4616	.5983	.	.8357
III 17	854.4737	11032.6344	.4080	.	.8362
III 18	854.0789	11062.1828	.2940	.	.8370
III 19	854.4474	10539.2809	.5412	.	.8350
III 20	855.2632	11077.2802	.1845	.	.8373
III 21	854.3421	11012.6095	.4408	.	.8362
III 22	854.6053	10942.0832	.7152	.	.8351
III 23	854.5789	10954.5747	.6474	.	.8353
III 24	853.4474	11069.0643	.2390	.	.8371

R E L I A B I L I T Y A N A L Y S I S - S C A L E (A L P H A)

Item-total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Alpha if Item Deleted
III 25	855.6053	11112.6238	.0300	.	.8379
III 26	852.9474	11107.0242	.1208	.	.8377
III 27	853.6053	11029.8670	.4307	.	.8365
III 28	853.2895	11165.8869	-.2224	.	.8386
III 29	854.7632	11015.4629	.4640	.	.8363
III 30	853.1579	11037.3798	.4129	.	.8366
III 31	854.1842	10981.3435	.6304	.	.8357
III 32	854.2895	11026.7512	.4121	.	.8364
III 33	855.3947	10986.7852	.5145	.	.8355
III 34	853.7105	11092.7519	.1337	.	.8373
III 35	854.4737	10985.2020	.5085	.	.8358
III 36	854.3947	11021.3265	.5584	.	.8363
III 37	854.2895	11026.4275	.4625	.	.8364
III 38	855.0789	11095.0477	.1010	.	.8376
III 39	854.4474	10971.7134	.6326	.	.8354
III 40	854.2632	11062.5775	.3107	.	.8370
III 41	854.4474	11032.5242	.4394	.	.8365
V 1	854.7105	11037.2923	.5226	.	.8363
V 2	854.5789	11048.3044	.3790	.	.8367
V 3	854.6842	11034.3750	.3412	.	.8368
V 4	854.5000	11027.9324	.3943	.	.8365
V 5	854.5789	11037.0179	.4321	.	.8366
V 6	854.5263	11034.3101	.4490	.	.8365
SUM1	833.8421	10330.5149	.6797	.	.8377
SUM2	836.7368	10541.9389	.4207	.	.8325
SUM3	837.4737	10578.3642	.5644	.	.8309
SUM4	791.0526	9379.8107	.6437	.	.8226
SUM5	825.6842	7362.2841	.8175	.	.8212
SUM6	835.0789	10605.7504	.4414	.	.8331
SUM7	594.8158	5391.5337	.9912	.	.8462

R E L I A B I L I T Y A N A L Y S I S - S C A L E (A L P H A)

Analysis of Variance

Source of Variation	Sum of Sq.	DF	Mean Square	Chi-square	Prob.
Between People	2718.0208	39	104.5411		
Within People	3747021.0139	2698	1388.8143		
Between Measures	3601153.2716	71	51847.2292	2550.5727	.0000
Residual	65867.7423	2627	25.0734		
Total	3752739.0347	2737	1372.1166		
Grand Mean	11.9236				

Coefficient of Concordance W = .9809

Reliability Coefficients 72 items

Alpha = .6378 Standardized item Alpha = .9452

APPENDIX 6

Hierarchical Cluster Analysis

13 Week Control

Group

* * * * * * * * * * * * * * * P R O X I M I T I E S * * * * * * * * * * * * * *

>Warning # 14733
>Due to missing data some cases have been excluded from computations.

Data Information

38 unweighted cases accepted.
39 cases rejected because of missing value.

Rescaled Chi-Square measure used.

- -

Rescaled Chi-Square Dissimilarity Coefficient Matrix

Variable	II_1_A	II_1_B	II_1_C	II_1_D	II_1_E
II 1 B	.2998				
II 1 C	.3531	.3203			
II 1 D	.2879	.1871	.1042		
II 1 E	.2807	.1376	.2367	.0134	
II 1 F	.3751	.2586	.2230	.1666	.2927
II 2 A	.2143	.3463	.2605	.3002	.3249
II 2 B	.3853	.4101	.3710	.3410	.3770
II 2 C	.4083	.3670	.2679	.2549	.3983
II 2 D	.3875	.3115	.2834	.2320	.3511
II 2 E	.3323	.2925	.3490	.2698	.3301
II 2 F	.4083	.3035	.2632	.2705	.3569
II 3 A	.1969	.3841	.3600	.3194	.3669
II 3 B	.2670	.2206	.2883	.2182	.2432
II 3 C	.3461	.3474	.1419	.1907	.4575
II 3 D	.3502	.3296	.1398	.1768	.3359
II 3 E	.3214	.3019	.3681	.2882	.2544
II 3 F	.3625	.3715	.2265	.2665	.3842
III 01	.2605	.3944	.3754	.3543	.4042
III 02	.2756	.3678	.3903	.3211	.3290
III 03	.2378	.3588	.3803	.3072	.3819
III 04	.2929	.4107	.3673	.3564	.3683
III 05	.2387	.3777	.3514	.3154	.3723
III 06	.2691	.4289	.3[illegible]	.3410	.4123
III 07	.2442	.4160	.4404	.3751	.3886
III 08	.2138	.3365	.3851	.2386	.3270
III 09	.2390	.3335	.3639	.3055	.3331
III 10	.2125	.3453	.3293	.2479	.3216
III 11	.3012	.3842	.3050	.3524	.3635
III 12	.3083	.4005	.3666	.3575	.3768
III 13	.2338	.3930	.4579	.3876	.3815
III_14	.2413	.3517	.2715	.2651	.3219

* * * * * * * * * * * * * * * P R O X I M I T I E S * * * * * * * * * * * * * *

Rescaled Chi-Square Dissimilarity Coefficient Matrix (Cont.)

Variable	II_1_A	II_1_B	II_1_C	II_1_D	II_1_E
III 15	.1941	.3330	.3855	.3316	.3143
III 16	.2209	.3605	.3590	.2972	.3682
III 17	.1953	.4028	.3635	.3553	.4117
III 18	.2301	.3929	.4056	.3342	.3961
III 19	.2140	.3782	.3336	.3193	.3824
III 20	.3142	.4087	.4928	.4158	.4399
III 21	.2889	.3707	.3607	.3331	.3665
III 22	.2454	.3036	.3486	.2842	.3110
III 23	.2821	.2819	.3719	.2987	.3177
III 24	.2533	.2900	.3330	.2246	.3409
III 25	.4741	.5602	.4750	.4600	.5113
III 26	.2086	.3035	.3506	.2589	.3331
III 27	.1650	.2715	.3618	.2576	[illegible]
III_28	.2611	.3641	.3865	.2979	.3578

III 29	.2856	.3293	.4477	.2681	.3502
III 30	.1306	.2792	.3770	.3116	.2982
III 31	.3860	.2634	.4032	.3125	.3059
III 32	.3042	.3005	.3064	.2477	.3209
III 33	.3979	.4379	.4733	.4382	.4356
III 34	.3805	.4928	.4055	.3310	.4312
III 35	.2637	.4101	.4134	.3721	.4291
III 36	.2070	.2821	.3406	.2513	.2585
III 37	.2594	.4070	.2607	.2641	.3515
III 38	.4708	.4705	.4200	.3849	.4594
III 39	.2465	.2668	.4093	.3012	.3177
III 40	.3011	.3021	.3939	.3065	.4019
III 41	.2238	.3083	.4201	.3242	.3433
V 1	.2264	.3065	.3205	.2287	.3244
V 2	.3156	.4191	.3038	.2792	.4240
V 3	.4093	.4845	.3921	.3581	.4992
V 4	.3664	.4619	.3394	.3139	.4964
V 5	.2812	.4057	.3327	.2874	.4245
V 6	.3166	.3906	.2874	.2510	.4157
SUM1	.3360	.1779	.2177	.0823	.2002
SUM2	.4689	.3862	.3562	.3014	.4160
SUM3	.3097	.3669	.2935	.2582	.3769
SUM4	.3978	.2835	.2484	.1649	.3113
SUM5	.2068	.2575	.3860	.2908	.3826
SUM6	.4139	.5488	.4101	.3586	.5876
SUM7	.2350	.3479	.3336	.2370	.3652

Variable	II_1_F	II_2_A	II_2_B	II_2_C	II_2_D
II_2_A	.3790				

* * * * * * * * * * * * * * * P R O X I M I T I E S * * * * * * * * * * * * *

Resolved Chi-Square Dissimilarity Coefficient Matrix (Cont.)

Variable	II_1_F	II_2_A	II_2_B	II_2_C	II_2_D
II 2 B	.3937	.2119			
II 2 C	.2571	.2936	.3214		
II 2 D	.1079	.3271	.3301	.0882	
II 2 E	.2945	.2559	.3009	.2621	.2597
II 2 F	.2299	.3284	.3540	.0857	.0325
II 3 A	[illegible]	.2636	.3762	.3439	.3187
II 3 B	.2697	.2871	.3319	.2602	.2621
II 3 C	[illegible]	.3183	.3154	.2194	.2287
II 3 D	.1958	.3019	.2872	.2094	.2155
II 3 E	.3030	.3333	.3061	.3821	.3161
II 3 F	.1536	.3579	.3352	.2683	.2529
III 01	.4287	.3339	.4103	.4604	.4499
III 02	.3880	.3406	.4505	.4176	.3876
III 03	.3635	.2888	.3804	.3310	.3166
III 04	.4541	.3151	.4103	.4496	.4423
III 05	.4106	.2862	.3677	.4244	.4258
III 06	.4229	.3334	.3513	.4682	.4503
III 07	.4551	.2594	.3553	.450[illegible]	.4448
III 08	.3379	.2563	.3798	.3391	.2957
III 09	.3881	.2725	.4274	.3929	.3450
III 10	.3471	.2600	.3875	.3208	.2742
III 11	.4074	.3471	.4200	.4509	.4470
III 12	.3670	.3622	.3945	.4114	.3850
III 13	.4479	.3552	.4694	.453[illegible]	.4180
III 14	.3812	.3013	.3342	.4190	.4149
III 15	.4107	.2967	.4297	.4472	.4123
III 16	.3808	.3200	.3708	.4196	.4061
III 17	.4605	.3179	.4145	.4648	.4604
III 18	.3943	.2815	.3739	.3662	.3327
III 19	.3725	.3216	.3922	.4486	.4255
III 20	.4653	.3802	.4912	.4830	.4826
III 21	.4725	.3872	.4566	.4431	.4166
III 22	.3397	.3523	.4243	.3902	.3606
III 23	.3366	.3746	.4645	.3989	.3347
III 24	.3170	.3334	.4643	.3714	.3112
III_25	.5365	.3926	.4498	.4183	.4767

III 26	.3389	.2801	.4145	.3531	.3061
III 27	.3566	.2398	.3598	.3936	.3481
III 28	.4051	.2063	.3693	.3455	.3276
III 29	.3584	.3338	.4595	.4148	.3756
III 30	.3763	.2467	.3946	.4260	.3767
III 31	.3898	.2708	.4221	.3993	.3572
III 32	.3353	.3192	.4125	.3446	.3063
III_33	.3998	.4094	4240	.4588	.3855

* * * * * * * * * * * * * P R O X I M I T I E S * * * * * * * * * * * * *

Rescaled Chi-Square Dissimilarity Coefficient Matrix (Cont.)

Variable	II_1_F	II_2_A	II_2_B	II_2_C	II_2_D
III 34	.3942	.3254	.4332	.3746	.3158
III 35	.4550	.3511	.4504	.4740	.4509
III 36	.3584	.2477	.3389	.3519	.3121
III 37	.3631	.3412	.4010	.4136	.4023
III 38	.2933	.4712	.4389	.4451	.4182
III 39	.4001	.3188	.4235	.4184	.3509
III 40	4032	.3429	.4132	.3480	.3200
III 41	.4305	.3108	.4097	.4193	.3637
V 1	.3112	.4322	.3873	.3061	.2769
V 2	.4047	.3192	.3956	.3581	.3439
V 3	.4519	.4208	.4534	.4319	.4084
V 4	.4258	.3858	4293	.4061	.3819
V 5	.3836	3101	.3521	.3270	.3711
V 6	.3700	.3274	.3496	.3437	.3233
SUM1	.2112	.3397	.4164	.3819	.2471
SUM2	.3329	.2624	.2693	.1341	.1421
SUM3	.3537	.3246	.3559	.3227	.3130
SUM4	.3236	.2958	.3445	.2686	.2441
SUM5	.4152	.2873	.4445	.4777	.4402
SUM6	.5245	.4275	.4963	.4765	.4580
SUM7	.3599	.2694	.4115	.4038	.3731

Variable	II_2_E	II_2_F	II_3_A	II_3_B	II_3_C
II 2 F	.2843				
II 3 A	.3212	3353			
II 3 B	.2705	.2685	.2347		
II 3 C	.2899	.2629	.3042	.2415	
II 3 D	.2756	.2409	.3062	.2305	.0000
II 3 E	.3304	.3489	.2768	.2456	.2684
II 3 F	.3048	.2979	3253	.2725	.0941
III 01	.4003	.4722	.3299	.3725	.3425
III 02	.3127	3947	.2578	.3183	.2355
III 03	.3416	.3224	.1989	.2990	.3633
III 04	.3904	.4511	.3217	.3395	.3354
III 05	.3153	.4445	.3332	3424	.3390
III 06	.3889	.4450	.3830	.4157	.3837
III 07	.3708	.4173	.3038	.4065	.4551
III 08	.3286	.3618	.2014	.3102	.3352
III 09	.3231	.3365	.2544	.3114	.3821
III 10	.3254	.2807	.1924	.3110	.3357
III 11	.3327	.4644	.2863	.4050	.3530
III 12	.3032	.4320	.3554	.3422	.3070
III_13	.3692	.4279	.2807	.3676	.4277

* * * * * * * * * * * * * P R O X I M I T I E S * * * * * * * * * * * * *

Rescaled Chi-Square Dissimilarity Coefficient Matrix (Cont.)

Variable	II_2_E	II_2_F	II_3_A	II_3_B	II_3_C
III 14	9985	.4210	.3021	.3194	.4092
III 15	.3632	.4095	.3027	.3591	.4156
III 16	.3440	.3946	3169	.3553	.3582
III 17	.3963	.4650	.2742	.3617	.3646
III 18	.3598	.3296	.2527	.3263	.3659
III 19	.3275	.4376	.3175	.3630	.3313

III 20	.3823	.4237	.3646	.4279	.4579
III 21	.4288	.4149	.3369	.3559	.3962
III 22	.3162	.3693	.2950	.2628	.3474
III 23	.3590	.3372	.3173	.2751	.3615
III 24	.3693	.3198	.2336	.2674	.3164
III 25	.4635	.4806	.3948	.4277	.4070
III 26	.3378	.3086	.3957	.2919	.3353
III 27	.3120	.3471	.2536	.2685	.3529
III 28	.3427	.3463	.2455	.3403	.3616
III 29	.2937	.4002	.3337	.3418	.3752
III 30	.3364	.3768	.2543	.2942	.3795
III 31	.3121	.3765	.2785	.3745	.3659
III 32	.2952	.3349	.3230	.3254	.2581
III 33	.3429	.4447	.4044	.4193	.4138
III 34	.3647	.3548	.2644	.3535	.3454
III 35	.3277	.4744	.3182	.3611	.3965
III 36	.3395	.3167	2434	.2823	.3395
III 37	.4033	.4091	.2675	.3343	.2740
III 38	4234	.4515	.4670	.4490	.3544
III 39	.3030	.3738	.3038	.3021	.3850
III 40	.3581	.3331	.3328	.3404	.3690
III 41	.3236	.3797	2535	.3180	.4009
V 1	.2561	.3052	.3945	2513	.2811
V 2	.3612	.3640	.2539	.3544	.2996
V 3	.4536	.4109	.3315	.4407	.3561
V 4	.4052	.3296	.2593	.4095	.3165
V 5	.3280	.3055	.2557	.3369	.2933
V 6	.3379	.3356	.2340	.3271	.2571
SUM1	3163	.3422	.4101	.2333	.2816
SUM2	.3155	.1558	4359	.2767	.2799
SUM3	.2337	.3521	.2392	.1570	.1343
SUM4	.2720	.2614	.2974	.2000	.2014
SUM5	.3474	.44[illegible]	.2637	32[illegible]	.3796
SUM6	.4734	3966	.3530	.4601	.3756
SUM7	.3204	.3842	.3576	2892	.3162
Variable	II_3_D	II_3_E	II_3_F	III_01	III_02

* * * * * * * * * * * * * * P R O X I M I T I E S * * * * * * * * * * * * * * *

Rescaled Chi-Square Dissimilarity Coefficient Matrix (Cont.)

Variable	II_3_D	II_3_E	II_3_F	III_01	III_02
II 3 E	.2841				
II 3 F	.3127	.3854			
III 01	.3645	.[illegible]343	.[illegible]499		
III 02	.3201	[illegible]	.2543	3667	
III 03	.3431	.[illegible]03	.3741	.2798	.3027
III 04	.3402	.3799	.3828	.2650	.3375
III 05	.3481	.4124	3649	.2064	.3778
III 06	.3663	.3925	4194	.3327	.4253
III 07	.4504	3950	49[illegible]7	3967	.3874
III 08	.[illegible]2	.3353	.3734	.3370	.2865
III 09	3025	.3259	.4200	3859	3008
III 10	.4135	.3432	.3734	.3492	.2795
III 11	.33[illegible]	2922	.3851	.3670	.3136
III 12	2959	.3637	.4253	.2436	.3852
III 13	.4186	.3536	.4273	.3201	.2308
III 14	.2774	3318	.3260	.2707	.2697
III 15	4046	3615	4415	.3067	3322
III 16	3530	.3803	.3808	.3724	.4779
III 17	[illegible]	.4[illegible]	.3946	.1675	.3150
III 18	.3417	.[illegible]696	393[illegible]	.3413	.3235
III 19	[illegible]	.3746	.3543	2762	[illegible]
III 20	4544	.4316	.43[illegible]	.4000	3638
III 21	.4027	.41[illegible]	.4256	.2604	3420
III 22	.3[illegible]45	.2525	.3720	[illegible]18	.329[illegible]
III 23	.3489	.[illegible]231	396[illegible]	3356	.2[illegible]4
III 24	.2997	.334[illegible]	[illegible]	.3652	[illegible]
III 25	.4129	.431[illegible]	.4562	.5259	[illegible]
III_26	[illegible]43	.3503	.3[illegible]	.352[illegible]	2516

III 27	.3288	.3025	.3980	.3262	.2801
III 28	.3425	.3839	.4296	.3773	.3614
III 29	.3715	.3465	.3890	.3440	.3239
III 30	.3699	.3185	.4153	.3963	.3103
III 31	.3485	.3169	.3899	.3105	.2971
III 32	.2301	.2560	.3162	.3592	.2275
III 33	.4161	.3657	.3838	.4393	.3754
III 34	.3257	.3627	.3928	.4660	.3577
III 35	.3766	.3669	.4312	.2616	.3066
III 36	.3183	.2572	.3812	.2982	.2555
III 37	.2572	.3386	.3325	.3174	.3123
III 38	.3135	.4728	.3695	.4623	.4600
III 39	.3799	.3959	.4314	.2987	.3151
III 40	.3642	.3130	.4088	.3333	.2288
III 41	.3907	.3325	.4505	.2757	.3042
V_1	.2634	.2789	.3323	.3174	.2597

* * * * * * * * * * * * * * P R O X I M I T I E S * * * * * * * * * * * * * *

Rescaled Chi-Square Dissimilarity Coefficient Matrix (Cont.)

Variable	II_3_D	II_3_E	II_3_F	III_01	III_02
V 2	.2796	.3946	.3553	.3412	.3607
V 3	.3368	.4409	.4011	.4200	.4138
V 4	.2939	.4259	.3688	.3760	.3679
V 5	.2793	.3752	.3343	.2934	.3061
V 6	.2358	.3607	.3192	.3154	.3535
SUM1	.2645	.3141	.3308	.4159	.3814
SUM2	.2447	.3970	.3196	.5047	.4575
SUM3	.1294	.2358	.1755	.4184	.3695
SUM4	.1765	.2975	.2551	.4398	.3942
SUM5	.3533	.3618	.4217	.3306	.3038
SUM6	.3444	.4966	.4376	.4242	.4861
SUM7	.2877	.3409	.3645	.3447	.3129

Variable	III_03	III_04	III_05	III_06	III_07
III 04	.4174				
III 05	.3635	.1998			
III 06	.3494	.3540	.2790		
III 07	.3082	.3556	.2716	.2181	
III 08	.1270	.3579	.3032	.2928	.2639
III 09	.2624	.2841	.2964	.3483	.2745
III 10	.1309	.3294	.2939	.3192	.2636
III 11	.3994	.3120	.2924	.3076	.3462
III 12	.4382	.2481	.2046	.3626	.3983
III 13	.3256	.3273	.3156	.3555	.2730
III 14	.3304	.2202	.1616	.2654	.2600
III 15	.3240	.2907	.2592	.3353	.2236
III 16	.3329	.2810	.2042	.2109	.2419
III 17	.3427	.1848	.1755	.2821	.3190
III 18	.3591	.3710	.3337	.3077	.3085
III 19	.3440	.2491	.1573	.2456	.2718
III 20	.3364	.4065	.3256	.3986	.3968
III 21	.3153	.2901	.3103	.3593	.3551
III 22	.3430	.2253	.2223	.3201	.3029
III 23	.3411	.2895	.3486	.3620	.3381
III 24	.2320	.3944	.3609	.3914	.3859
III 25	.4748	.4669	.5138	.5842	.5577
III 26	.3595	.3548	.3282	.3395	.3312
III 27	.2122	.2782	.2825	.3118	.2680
III 28	.1840	.3705	.3067	.3693	.3377
III 29	.3549	.2722	.2567	.3912	.3376
III 30	.2601	.2977	.2660	.2736	.2414
III 31	.2917	.2304	.2555	.3261	.2771
III_32	.3448	.3787	.3684	.4185	.4335

* * * * * * * * * * * * * * P R O X I M I T I E S * * * * * * * * * * * * * *

Rescaled Chi-Square Dissimilarity Coefficient Matrix (Cont.)

Variable	III_03	III_04	III_05	III_06	III_07
III 33	.4751	.4443	.4378	.4877	.4707
III 34	.2143	.3694	.3902	.4047	.3971
III 35	.3547	.2963	.3186	.3055	.3731
III 36	.2348	.2146	.2352	.2901	.2274
III 37	.2784	.2357	.2749	.3125	.3497
III 38	.4033	.5297	.4828	.4572	.5507
III 39	.3281	.2575	.2562	.3409	3047
III 40	.2233	.2977	.3057	.3600	.3031
III 41	.2810	.2868	.2815	.2912	.2739
V 1	.2233	.2750	.2871	.3552	.3236
V 2	.2735	.2540	.2576	.3259	.3526
V 3	.3538	.3574	.3459	.3800	.4169
V 4	.3124	.3500	.3406	.3326	.4001
V 5	.2534	.2852	.2553	.2785	.3357
V 6	.2736	.2987	.2679	.2879	.3566
SUM1	.4093	.4364	.3922	.4574	.4809
SUM2	.4089	.4945	.4590	.5206	.5000
SUM3	.3929	3943	.4192	.4642	.5092
SUM4	.3966	.4394	.4133	.4885	.5073
SUM5	.2880	.3057	.2655	.3365	.2378
SUM6	.4150	.3712	.3592	.4011	.4457
SUM7	.2712	.3247	.2844	.3512	.3336

Variable	III_08	III_09	III_10	III_11	III_12
III 09	.1796				
III 10	.0602	.1244			
III 11	.3439	.3467	.3645		
III 12	.3905	.3630	.3509	.3037	
III 13	.2826	.2499	.2622	.3158	.3406
III 14	.3096	.2966	.2735	.2788	.2301
III 15	.2852	.2190	.2217	.3293	.2953
III 16	.3200	.2758	.2635	.3090	.2579
III 17	.3221	.3044	.2917	.2919	.2392
III 18	.2427	.2766	.2139	.3619	.3362
III 19	.3039	.2718	.2539	.2651	.1736
III 20	.3723	.3881	.3651	.3931	.4279
III 21	.3286	.3146	.2851	.3970	.3735
III 22	.2855	.2618	.2766	.3038	.2415
III 23	.2616	.2599	.2860	.3226	.3315
III 24	.1573	.2363	.1884	.3707	.4082
III 25	.4894	.5227	.4751	.5016	.5291
III 26	.0900	.1826	.0995	.3390	.3725
III_27	.1270	.1095	.1498	.2916	.3495

* * * * * * * * * * * * * * P R O X I M I T I E S * * * * * * * * * * * * * *

Rescaled Chi-Square Dissimilarity Coefficient Matrix (Cont.)

Variable	III_08	III_09	III_10	III_11	III_12
III 28	.1276	.2296	.1333	.4071	.4022
III 29	.2935	.2335	.2859	.2990	.2261
III 30	.2261	.1669	.1846	.3536	.3193
III 31	.2416	.2059	.2426	.2572	.3004
III 32	.3049	.3242	.2921	.3209	.3605
III 33	.4728	.4449	.4447	.4107	.3642
III 34	.2091	.2479	.2085	.4058	.4520
III 35	.3431	.3184	.3446	.3196	.3083
III 36	.1668	.1672	.1432	.3103	.2801
III 37	.2467	.2593	.1910	.3183	.2866
III 38	.4030	.4965	.4045	.4171	.4521
III 39	.2639	.1991	.2700	.3048	.3042
III 40	.1823	.2129	.1744	.3376	.3326
III 41	.2325	.2073	.2284	.3245	.3216
V 1	.1690	.2037	.1756	.2703	.2851
V 2	.2355	.2810	.2156	.3220	.3275
V 3	.3108	.3621	.3104	.3763	.4040
V 4	.2893	.3665	.2905	.3431	.3800
V 5	.2287	.2974	.2334	.2906	.3072
V_6	.2441	.3082	.2393	.3269	.3033

SUM1	.3612	.3877	.3568	.4239	.4095
SUM2	.3954	[illegible]	.3816	.4823	.4483
SUM3	.3772	.4152	.3728	.4121	.3554
SUM4	.3556	.4128	.3538	.4348	.3915
SUM5	.2173	.2109	.1828	.3359	.3432
SUM6	.3582	.4510	.3641	.3842	.4203
SUM7	.2049	.2483	.1775	.3430	.3419

Variable	III_13	III_14	III_15	III_16	III_17
III 14	.2740				
III 15	.2535	.2544			
III 16	.3051	.1901	.1777		
III 17	.2861	.1971	.2304	.1863	
III 18	.3084	.3245	.2974	.2515	.2502
III 19	.2935	.1483	.1741	.0827	.1495
III 20	.3913	.3335	.4110	.3597	.3754
III 21	.3236	.2850	.3179	.2814	.2618
III 22	.2843	.2464	.3006	.2627	.2560
III 23	.2258	.3200	.2953	.3646	.3193
III 24	.3626	.3297	.3298	.3749	.3498
III 25	.5285	.4659	.5609	.5454	.4766
III 26	.3283	.3121	.2722	.3050	.2661
III_27	.2714	.2752	.2348	.2651	.2596

* * * * * * * * * * * * * * P R O X I M I T I E S * * * * * * * * * * * * * *

Rescaled Chi-Square Dissimilarity Coefficient Matrix (Cont.)

Variable	III_13	III_14	III_15	III_16	III_17
III 28	.3867	.3268	.3277	.3623	.3334
III 29	.2768	.3001	.2826	.3370	.3236
III 30	.2535	.2497	.1884	.2174	.2184
III 31	.2056	.2510	.2720	.2902	.2453
III 32	.3282	.2881	.3625	.3915	.3574
III 33	.3873	.3834	.4628	.4408	.4550
III 34	.3965	.3795	.4065	.4195	.4118
III 35	.3303	.3215	.3355	.2920	.2700
III 36	.2494	.2127	.2146	.2473	.2369
III 37	.3362	.1993	.2739	.2353	.2291
III 38	.5337	.4116	.5066	.4457	.4808
III 39	.2290	.2738	.2761	.2837	.2862
III 40	.2824	.3290	.2734	.2938	.3060
III 41	.2043	.2862	.2522	.2742	.2555
V 1	.2789	.2724	.2795	.3154	.2950
V 2	.3616	.2491	.3712	.3036	.2753
V 3	.4177	.3178	.4722	.3976	.3840
V 4	.3868	.2900	.4325	.3487	.3359
V 5	.3389	.2138	.3677	.2671	.2597
V 6	.3688	.2420	.3781	.2847	.2881
SUM1	.4632	.3368	.3691	.3449	.4463
SUM2	.5267	.4388	.4820	.4354	.5328
SUM3	.4581	.3401	.4460	.4048	.4397
SUM4	.4859	.3589	.4263	.3757	.4795
SUM5	.3019	.2431	.2639	.2539	.2463
SUM6	.4862	.3131	.5068	.3922	.3868
SUM7	.3410	.2503	.3004	.2694	.2910

Variable	III_18	III_19	III_20	III_21	III_22
III 19	.2757				
III 20	.3552	.3818			
III 21	.3709	.2797	.4301		
III 22	.3445	.2383	.3764	.2144	
III 23	.3570	.3346	.4255	.2876	.1874
III 24	.3051	.3665	.3562	.3651	.3135
III 25	.4756	.5423	.5094	.5263	.5022
III 26	.1970	.2885	.3628	.3295	.2998
III 27	.2168	.2525	.3383	.3155	.2599
III 28	.2755	.3394	.3581	.3676	.3538
III 29	.3371	.2657	.3072	.3687	.2182
III_30	.2082	.2096	.3335	.2610	.2539

III 31	.2295	.2693	.2666	.2960	.2025
III_32	.3267	.3571	.3732	.3762	.3854

* * * * * * * * * * * * * * P R O X I M I T I E S * * * * * * * * * * * * * *

Rescaled Chi-Square Dissimilarity Coefficient Matrix (Cont.)

Variable	III_18	III_19	III_20	III_21	III_22
III 33	.4685	.4220	.4490	.4040	.3553
III 34	.3377	.4088	.3813	.3593	.3630
III 35	.3512	.2910	.3948	.3236	.3063
III 36	.2176	.2452	.3334	.2239	.1974
III 37	.3048	.1964	.4288	.2924	.2953
III 38	.4158	.3830	.4834	.4836	.4954
III 39	.3108	.2780	.3640	.2808	.1864
III 40	.2881	.3046	.3952	.3292	.2773
III 41	.2659	.2697	.3452	.2635	.2262
V 1	.2626	.2820	.3471	.3224	.2236
V 2	.3190	.2926	3842	.3363	.2763
V 3	.3707	.3725	.4105	.3814	.3340
V 4	.3291	.3377	.3940	.3665	.3407
V 5	.2751	.2355	.3262	.2962	.2561
V 6	.2888	.2773	.3992	.3064	.2689
SUM1	.4076	.3734	.5207	.3870	.3589
SUM2	.4063	.4812	.5652	.4950	.4532
SUM3	.3898	.3962	.5185	.4360	.3737
SUM4	.3961	.4067	.5483	.4223	.3723
SUM5	.2453	.2338	.4092	.2955	.2584
SUM6	.3938	.3905	.4571	.4234	.3421
SUM7	.2560	.2645	.4273	.2137	.2668

Variable	III_23	III_24	III_25	III_26	III_27
III 24	.2612				
III 25	.5621	.5194			
III 26	.2904	.1320	.4797		
III 27	.1417	.1528	.5144	.1008	
III 28	.3611	.2154	.4699	.1102	.1802
III 29	.2101	.3035	.5526	.2954	.2281
III 30	.2637	.2766	.5621	.1692	.1428
III 31	.1792	.2400	.5032	.2298	.1181
III 32	.2990	.3000	.4314	.2807	.2837
III 33	.3835	.4891	.4828	.4906	.4588
III 34	.3430	.1960	.5037	.2519	.2425
III 35	.2836	.3639	.5468	.3606	.2757
III 36	.2045	.2193	.4686	.1746	.1337
III 37	.3521	.2637	.4614	.2269	.2237
III 38	.4834	.4355	.5826	.4153	.4390
III 39	.1645	.2915	.5483	.2858	.1847
III 40	.2782	.2671	.4753	.2156	.1971
III 41	.1881	.3049	.5316	.2445	.1731
V_1	.2166	.2009	.4030	.1897	.1447

* * * * * * * * * * * * * * P R O X I M I T I E S * * * * * * * * * * * * * *

Rescaled Chi-Square Dissimilarity Coefficient Matrix (Cont.)

Variable	III_23	III_24	III_25	III_26	III_27
V 2	.3523	.2578	.4058	.2361	.2308
V 3	.3844	.3341	.4841	.3390	.3271
V 4	.3552	.3048	.4599	.3033	.2996
V 5	.3288	.2791	.4391	.2442	.2180
V 6	.3391	.2790	.4384	.2525	.2491
SUM1	.3511	.3292	.6167	.3480	.3325
SUM2	.4552	4412	.5343	.4201	.4410
SUM3	.3923	.3373	.4878	.3661	.3768
SUM4	.3835	.3484	.5556	.3613	.3777
SUM5	.2919	.3020	.6389	.2181	.1446
SUM6	.4535	.394.	.5512	.3907	.3437
SUM7	.3061	.2683	.5892	.2064	.1796

Variable	III_28	III_29	III_30	III_31	III_32
III 29	.3063				
III 30	.2321	.2497			
III 31	.2871	.1587	.1644		
III 32	.3056	.3234	.2991	.2600	
III 33	.5243	.3886	.3460	.3928	.3607
III 34	.2322	.3473	.3195	.2941	.3290
III 35	.3739	.3061	.3192	.2742	.3481
III 36	.1949	.2058	.1467	.1429	.2675
III 37	.3654	.3508	.2638	.2990	.3305
III 38	.4320	.4701	.4879	.4760	.3207
III 39	.3086	.1739	.2423	.1535	.3144
III 40	.2186	.2632	.2902	.2501	.3505
III 41	.2530	.2125	.1884	.1482	.3082
V 1	.2037	.2047	.2767	.1843	.2275
V 2	.2271	.3263	.3438	.2719	.3486
V 3	.3331	.3696	.4266	.3271	.2759
V 4	.3251	.3762	.4010	.3084	.2334
V 5	.2664	.3077	.3142	.2401	.3191
V 6	.2614	.3445	.3353	.2963	.3155
SUM1	.4243	.4142	.3361	.3680	.3053
SUM2	.4259	.4681	.4478	.4302	.3822
SUM3	.4400	.4026	.3970	.3684	.3288
SUM4	.4246	.4214	.3769	.3747	.3075
SUM5	.2994	.2706	.1643	.1837	.3121
SUM6	.4040	.4295	.4758	.3475	.4356
SUM7	.2900	.2968	.2210	.2128	.2933

Variable	III_33	III_34	III_35	III_36	III_37

* * * * * * * * * * * * * * P R O X I M I T I E S * * * * * * * * * * * * * *

Rescaled Chi-Square Dissimilarity Coefficient Matrix (Cont.)

Variable	III_33	III_34	III_35	III_36	III_37
III 34	.4484				
III 35	.4125	.3454			
III 36	.3990	.2717	.2883		
III 37	.5160	.3080	.3266	.2102	
III 38	.5192	.4285	.4704	.4408	.3848
III 39	.3612	.3391	.2312	.1660	.3480
III 40	.4792	.2836	.2777	.1651	.2484
III 41	.3963	.3233	.2214	.1583	.3252
V 1	.3681	.2217	.2284	.1821	.2460
V 2	.4759	.2906	.3256	.2170	.1686
V 3	.4693	.3227	.3805	.2841	.2991
V 4	.4480	.3130	.3309	.2869	.2730
V 5	.4002	.2921	.2754	.2254	.2217
V 6	.4300	.2943	.2961	.2297	.2183
SUM1	.5144	.4792	.4712	.3130	.3586
SUM2	.4869	.4591	.5523	.3836	.4956
SUM3	.4743	.4052	.4340	.3440	.3316
SUM4	.4910	.4481	.4899	.3275	.3836
SUM5	.4867	.3649	.3181	.1353	.2510
SUM6	.5460	.4272	.3581	.3075	.3095
SUM7	.4750	.3443	.3395	.1633	.2525

Variable	III_38	III_39	III_40	III_41	V_1
III 39	.4873				
III 40	.4743	.2262			
III 41	.4772	.0741	.1820		
V 1	.6042	.3860	.1402	.1744	
V 2	.4351	.2906	.2095	.2796	.1847
V 3	.4116	.3217	.3073	.3281	.2524
V 4	.3900	.3120	.2921	.2938	.2218
V 5	.3442	.2303	.2490	.2315	.1739
V 6	.3814	.2654	.2403	.2473	.1735
SUM1	.5284	.3520	.4195	.3887	.2953

SUM2	.5206	.4346	.4188	.4377	.3417
SUM3	.4782	.4097	.3960	.4233	.2672
SUM4	.5082	.3781	.3923	.4011	.2693
SUM5	.5229	.2352	.2196	.2089	.1913
SUM6	.5145	.3501	.3107	.3339	.2188
SUM7	.5006	.2546	.2434	.2419	.1621

Variable	V_2	V_3	V_4	V_5	V_6
V_3	.1262				

* * * * * * * * * * * * * * P R O X I M I T I E S * * * * * * * * * * * * * *

Rescaled Chi-Square Dissimilarity Coefficient Matrix (Cont.)

Variable	V_2	V_3	V_4	V_5	V_6
V 4	.1163	.0698			
V 5	.1091	.1273	.0601		
V 6	.0841	.1054	.0575	.0457	
SUM1	.4314	.5358	.4930	.4237	.3773
SUM2	.6400	.5316	.4839	.4290	.3767
SUM3	.3696	.4504	.4186	.3542	.3102
SUM4	.4002	.5047	.4501	.3989	.3281
SUM5	.3223	.4193	.3781	.2428	.2836
SUM6	.0828	.1053	.0567	.0467	.0276
SUM7	.2825	.3859	.3394	.2315	.2372

Variable	SUM1	SUM2	SUM3	SUM4	SUM5
SUM2	.5552				
SUM3	.4236	.4732			
SUM4	.2993	.3553	.7624		
SUM5	.6477	.8342	.6903	1.0000	
SUM6	.8126	.8180	.6872	.8912	.7335
SUM7	.5478	.6979	.5470	.7655	.3358

Variable	SUM6
SUM7	.6681

- -

* * * * * * H I E R A R C H I C A L C L U S T E R A N A L Y S I S * * * * * *

Agglomeration Schedule using Average Linkage (Between Groups)

Stage	Clusters Combined Cluster 1	Cluster 2	Coefficient	Stage Cluster 1st Appears Cluster 1	Cluster 2	Next Stage
1	15	18	.000000	0	0	13
2	65	71	.027601	0	0	4
3	10	12	.032490	0	0	10
4	64	65	.046173	0	2	5
5	63	64	.058080	0	4	12
6	26	28	.069212	0	0	11
7	57	59	.074059	0	0	24
8	4	66	.082293	0	0	25
9	34	37	.082735	0	0	29
10	9	10	.086966	0	3	21
11	26	44	.094742	6	0	16
12	61	63	.098085	0	5	14
13	15	18	.103705	1	0	22
14	61	69	.106806	12	0	35
15	27	42	.109526	0	0	27
16	26	46	.123705	11	0	23
17	1	48	.130640	0	0	31
18	56	70	.135339	0	0	27
19	3	5	.137906	0	0	49
20	58	60	.140341	0	0	26
21	2	67	.143953	10	0	53
22	19	68	.146425	13	0	34

23	21	26	.150341	0	16	32
24	49	57	.150853	0	7	30
25	3	4	.160964	0	8	49
26	23	32	.161583	0	0	29
27	27	54	.164096	15	18	31
28	19	35	.167622	0	0	38
29	23	34	.174397	26	9	38
30	41	49	.177364	0	24	33
31	1	27	.182315	17	27	39
32	21	42	.185013	23	0	36
33	41	47	.188811	30	0	37
34	6	15	.199371	0	22	46
35	14	69	.199965	0	0	46
36	21	58	.203610	32	20	39
37	40	41	.204140	0	33	48
38	19	23	.210515	28	29	42
39	1	21	.211781	31	36	43
40	7	8	.211904	0	0	60
41	24	25	.218147	0	0	63
42	19	30	.224843	38	0	47
43	1	13	.225783	39	0	45
44	20	50	.227508	0	0	64

* * * * * * H I E R A R C H I C A L C L U S T E R A N A L Y S I S * * * * * *

Agglomeration Schedule using Average Linkage (Between Groups) (CONT.)

	Clusters Combined			Stage Cluster 1st Appears		Next
Stage	Cluster 1	Cluster 2	Coefficient	Cluster 1	Cluster 2	Stage
45	1	72	.231290	43	0	51
46	6	14	.233791	34	35	55
47	19	22	.235429	42	0	50
48	31	40	.237801	0	37	54
49	2	3	.239243	19	25	55
50	19	55	.246828	47	0	52
51	1	36	.247966	45	0	54
52	19	33	.251325	50	0	57
53	9	11	.255389	21	0	60
54	1	31	.261820	51	48	57
55	2	6	.273431	49	46	56
56	2	17	.288868	55	0	62
57	1	52	.289043	54	0	59
58	19	39	.297243	52	0	59
59	1	19	.299686	57	58	61
60	7	9	.304006	40	53	62
61	1	53	.307580	59	0	63
62	2	7	.314799	56	60	68
63	1	24	.315162	61	41	65
64	20	29	.318260	44	0	66
65	1	61	.320822	63	14	66
66	1	20	.329613	65	64	67
67	1	38	.374942	66	0	68
68	1	2	.377280	67	62	69
69	1	51	.434490	68	0	70
70	1	65	.449306	69	0	71
71	1	43	.495844	70	0	0

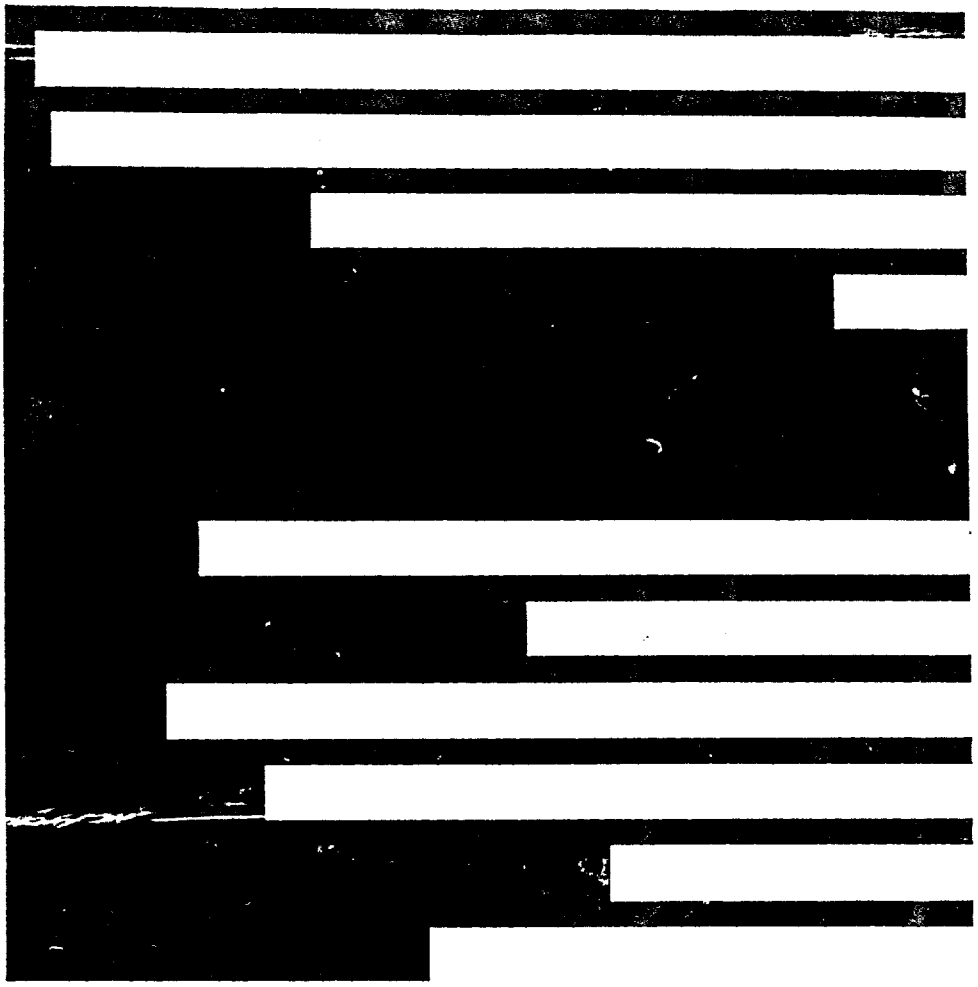
* * * * * * H I E R A R C H I C A L C L U S T E R A N A L Y S I S * * * * * *

Horizontal Icicle Plot Using Average Linkage (Between Groups)

Number of Clusters

```
                 111111111122222222223333333333444444444455555555555
   C l u s       123456789012345678901234567890123456789012345678901
 Label     Num   -+---------+---------+---------+---------+---------+
 III 25     43   ▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒▒
                 ▒
                 ▒
                 ▒
```

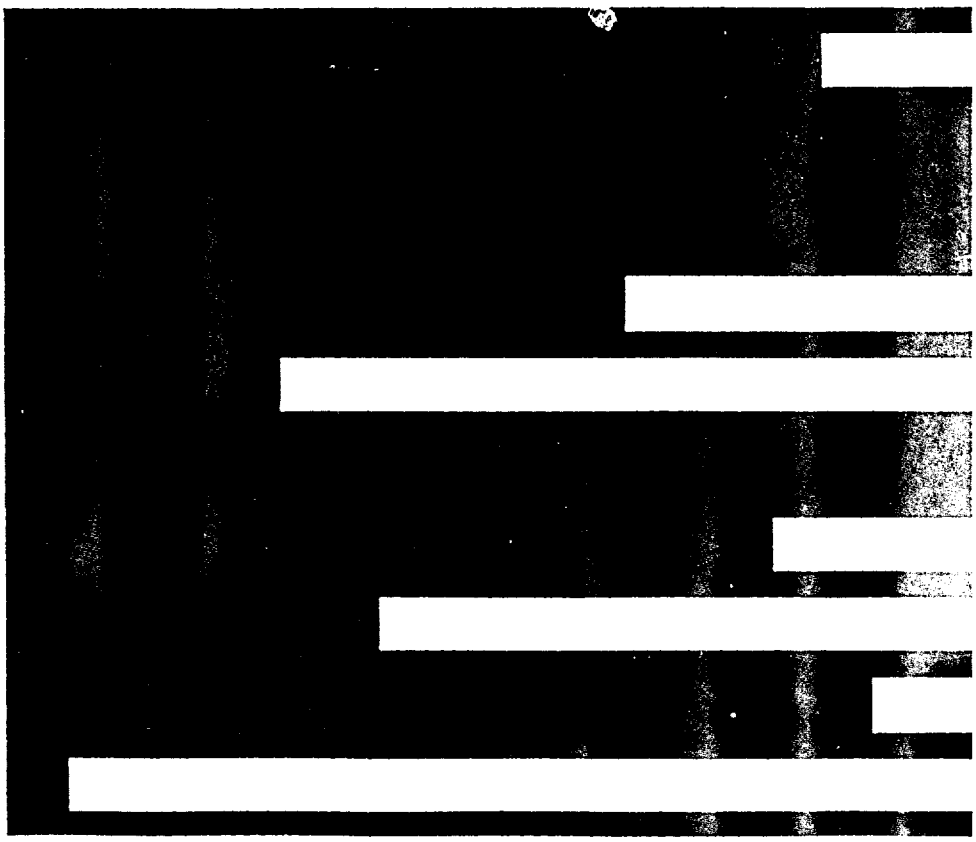
III 38	56
III 33	51
II 2 E	11
SUM2	67
II 2 F	12
II 2 D	10
II 2 C	9
II 2 B	8
II 2 A	7
II 3 E	17
SUM4	69
II 3 B	14

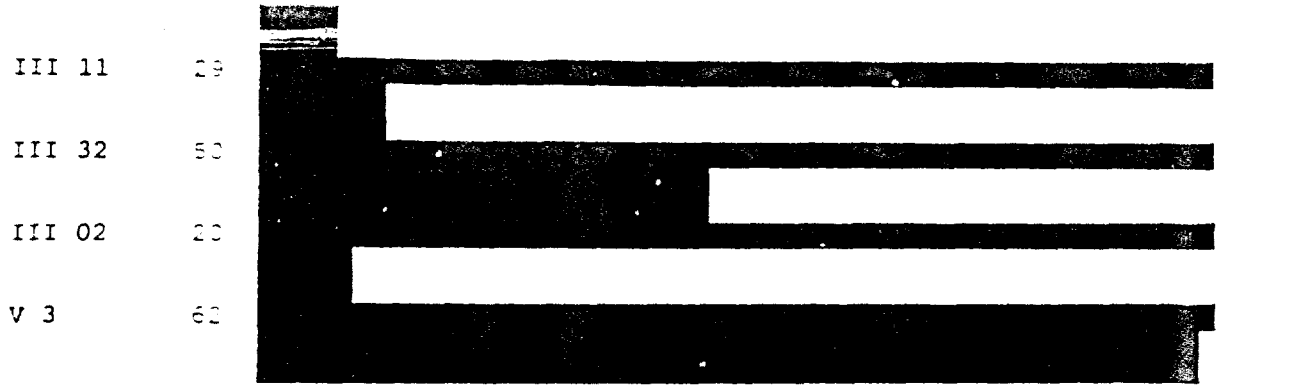


* * * * * * H I E R A R C H I C A L C L U S T E R A N A L Y S I S * * * * * *

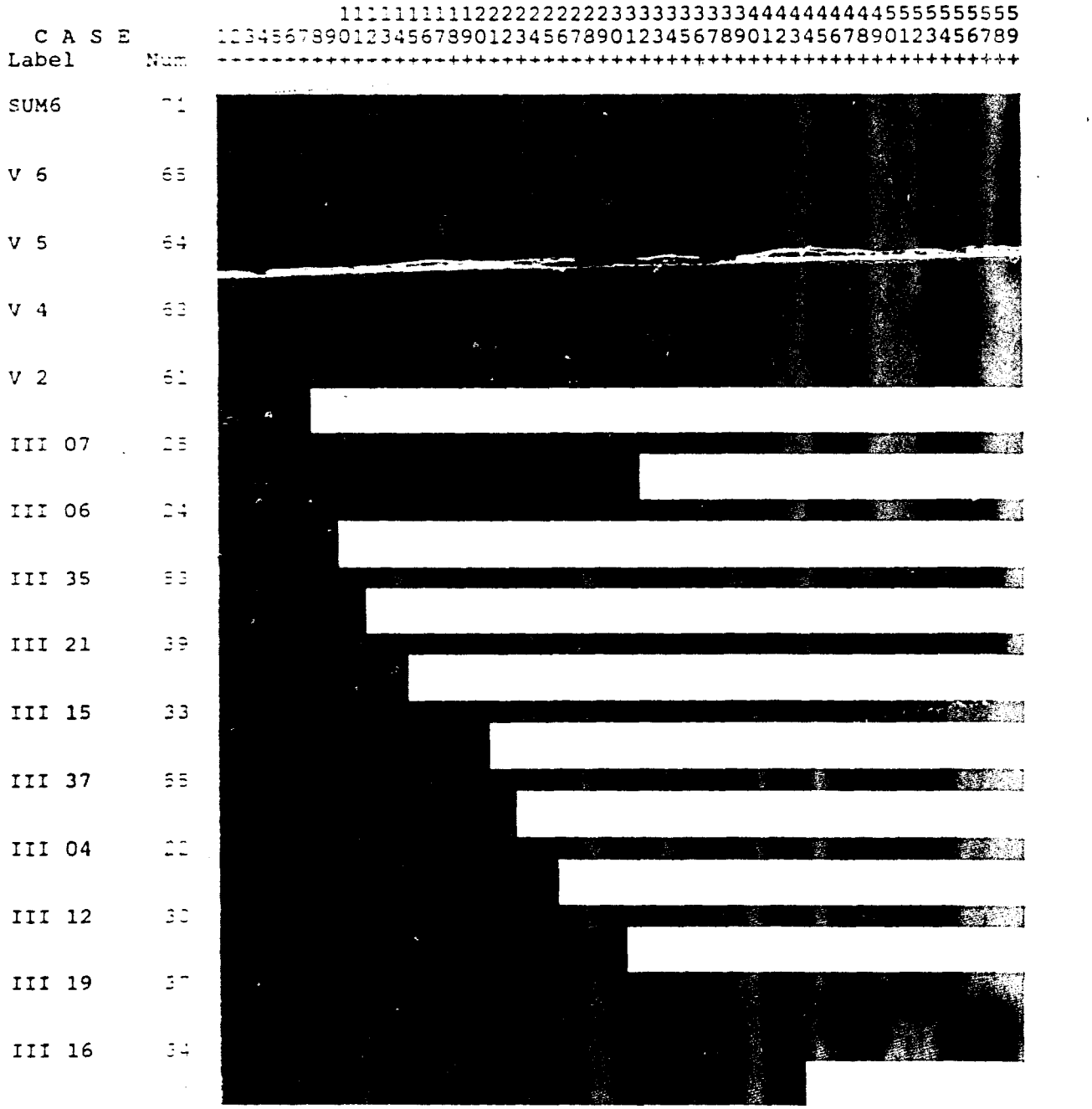
```
                    111111111122222222223333333333444444444455555555555
  C A S E           123456789012345678901234567890123456789012345678901234567890123456789
Label      Num      +++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
```

SUM3	68
II 3 F	18
II 3 D	16
II 3 C	15
II 1 F	6
SUM1	66
II 1 D	4
II 1 C	3
II 1 E	5
II 1 B	2
III_20	38

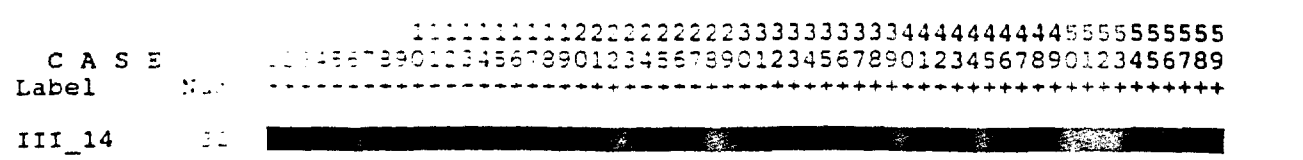


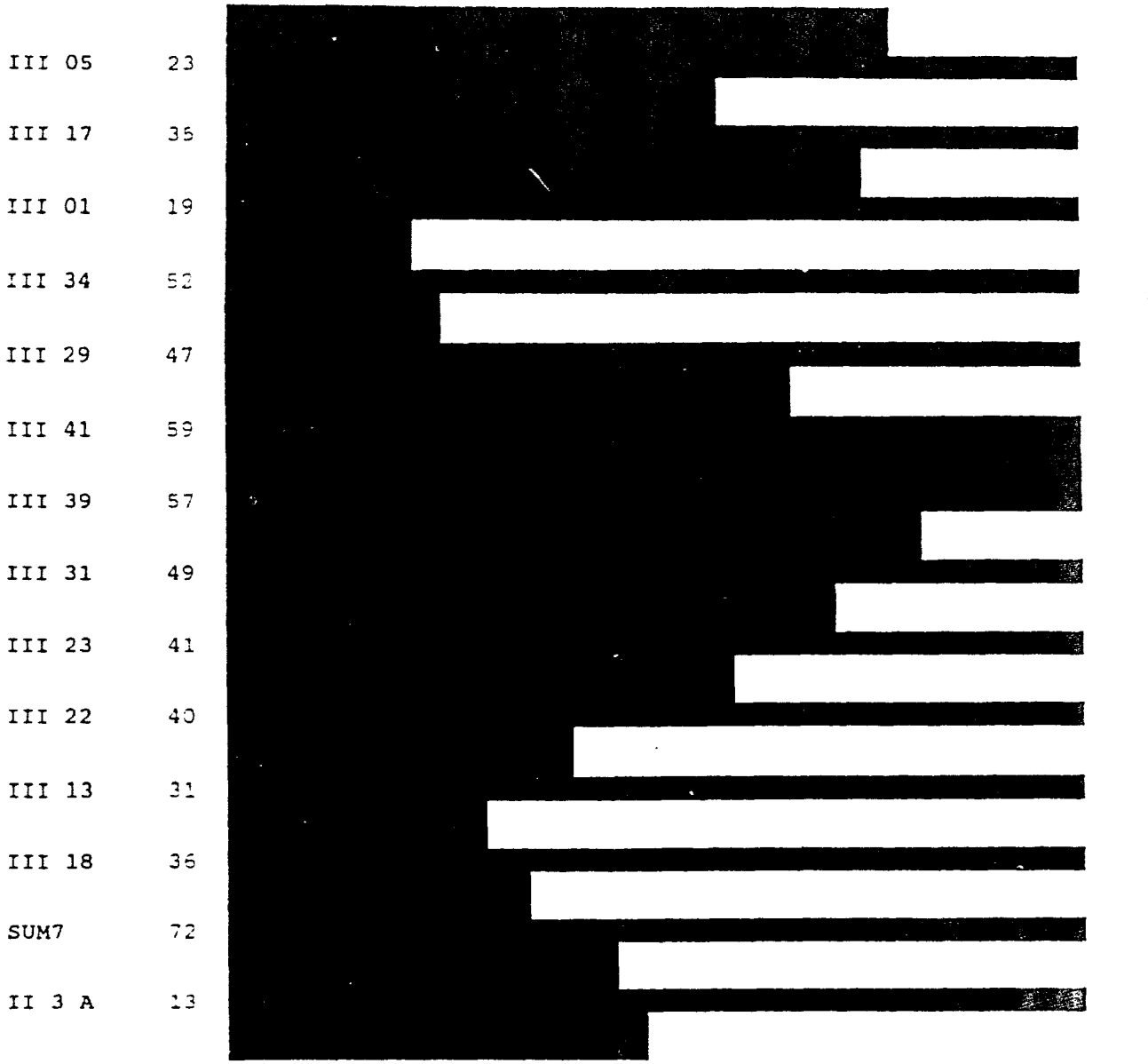


* * * * * * H I E R A R C H I C A L C L U S T E R A N A L Y S I S * * * * * *

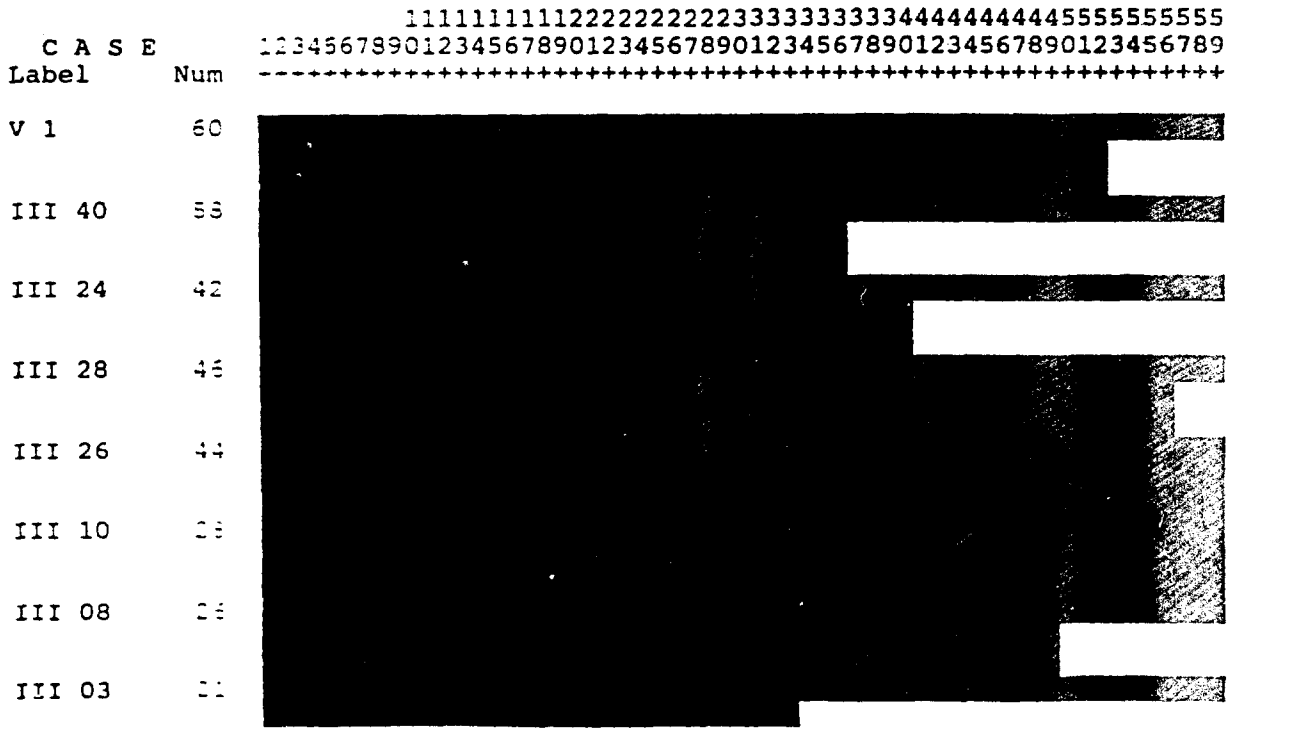


* * * * * * H I E R A R C H I C A L C L U S T E R A N A L Y S I S * * * * * *

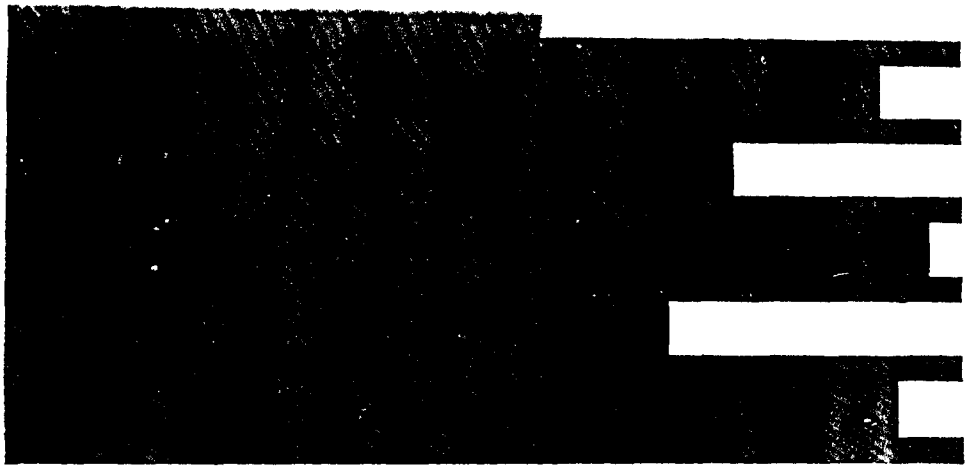




* * * * * * H I E R A R C H I C A L C L U S T E R A N A L Y S I S * * * * * *



SUM5	70
III 36	54
III 27	45
III 09	27
III 30	48
II_1_A	1



* * * * * * H I E R A R C H I C A L C L U S T E R A N A L Y S I S * * * * * *

C A S E Label	Num	666666666677 012345678901 ++++++++++++
III_25	43	
III_38	56	
III_33	51	
II_2_E	11	
SUM2	67	
II 2 F	12	
II 2 D	10	
II_2_C	9	
II_2_B	8	
II_2_A	7	
II_3_E	17	
SUM4	69	
II_3_B	14	
SUM3	68	
II_3_F	18	

* * * * * * H I E R A R C H I C A L C L U S T E R A N A L Y S I S * * * * * *

C A S E 666666666677 012345678901

Label	Num	++++++++++++
II 3 D	16	
II_3_C	15	
II_1_F	6	
SUM1	66	
II_1_D	4	
II_1_C	3	
II_1_E	5	
II_1_B	2	
III_20	38	
III_11	29	
III_32	50	
III_02	20	
V_3	62	
SUM6	71	
V 6	65	

* * * * * * H I E R A R C H I C A L C L U S T E R A N A L Y S I S * * * * * *

C A S E Label	Num	666666666677 012345678901 ++++++++++++
V 5	64	
V 4	63	
V_2	61	
III_07	25	
III_06	24	
III_35	53	
III_21	39	

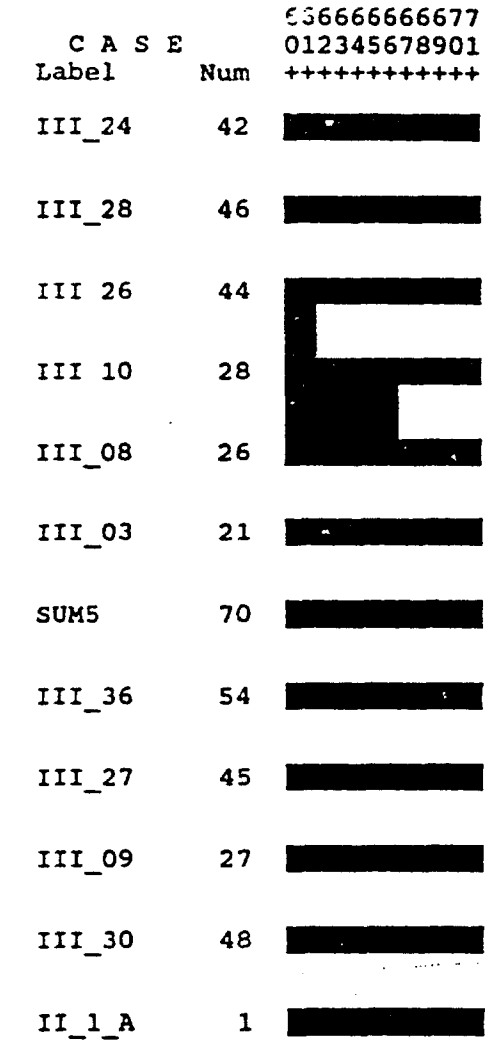
III_15	33
III_37	55
III_04	22
III_12	30
III 19	37
III_16	34
III_14	32
III_05	23

* * * * * * H I E R A R C H I C A L C L U S T E R A N A L Y S I S * * * * * *

C A S E Label	Num	666666666677 012345678901 ++++++++++++
III_17	35	
III_01	19	
III_34	52	
III_29	47	
III 41	59	
III_39	57	
III_31	49	
III_23	41	
III_22	40	
III_13	31	
III_18	36	
SUM7	72	
II_3_A	13	
V_1	60	

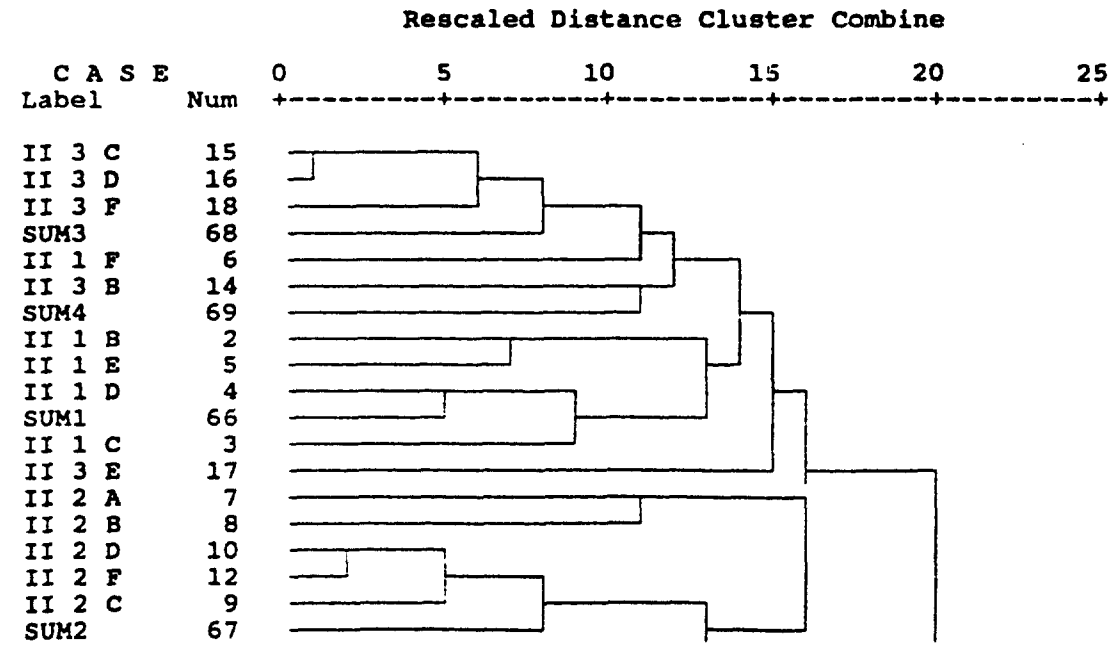
III_40 58

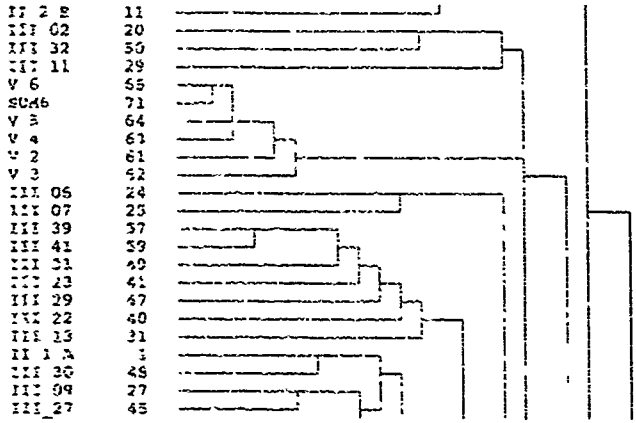
* * * * * * H I E R A R C H I C A L C L U S T E R A N A L Y S I S * * * * * *



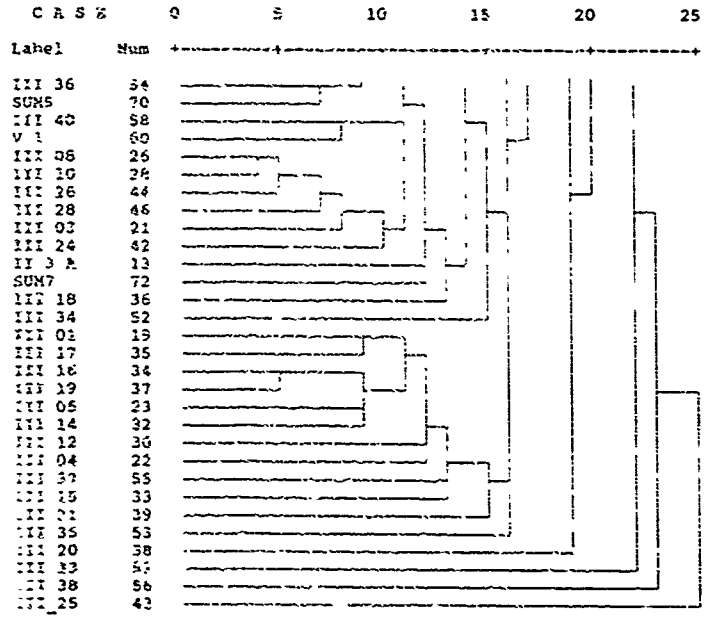
* * * * * * H I E R A R C H I C A L C L U S T E R A N A L Y S I S * * * * * *

Dendrogram using Average Linkage (Between Groups)





* * * * * * H I E R A R C H I C A L C L U S T E R A N A L Y S I S * * * * * *



4 Week Experimental Group

* * * * * * * * * * * * * * P R O X I M I T I E S * * * * * * * * * * * * * *

>Warning # 14783
>Due to missing data, some cases have been excluded from computations.

Data Information

10 unweighted cases accepted.
2 cases rejected because of missing value.

Rescaled Chi-Square measure used.

- -

Rescaled Chi-Square Dissimilarity Coefficient Matrix

Variable	II_1_A	II_1_B	II_1_C	II_1_D	II_1_E
II 1 B	.2895				
II 1 C	.1394	.3655			
II 1 D	.2186	.3971	.1058		
II 1 E	.6404	.5686	.6451	.5924	
II 1 F	.2336	.2931	.2508	.3093	.7818
II 2 A	.3316	.5064	.3185	.4216	.8781
II 2 B	.6257	.5887	.6558	.7265	.8866
II 2 C	.2976	.4380	.3811	.4197	.7575
II 2 D	.3079	.4577	.3434	.3866	.8564
II 2 E	.4266	.3649	.4231	.3843	.5890
II 2 F	.2845	.4673	.4092	.4638	.6220
II 3 A	.2261	.3426	.2880	.2482	.6127
II 3 B	.4562	.3836	.4881	.5674	.6340
II 3 C	.4722	.7071	.4463	.4963	.9093
II 3 D	.2976	.4829	.2751	.2760	.7385
II 3 E	.5856	.5707	.6467	.6021	.5766
II 3 F	.2789	.4258	.2646	.3515	.8565
III 01	.3765	.3579	.4042	.4543	.7911
III 02	.2951	.3752	.3496	.3895	.7643
III 03	.1145	.3521	.1888	.2053	.6961
III 04	.2901	.1309	.3299	.4011	.6636
III 05	.3134	.3375	.3493	.3617	.8007
III 06	.1606	.3387	.2481	.2595	.5179
III 07	.1093	.2459	.1349	.2503	.6325
III 08	.1924	.2708	.2458	.2360	.5809
III 09	.2297	.4177	.3254	.3539	.7307
III 10	.1592	.3640	.1790	.2699	.5944
III 11	.4721	.5357	.4374	.5186	.6450
III 12	.2123	.4318	.2010	.2789	.7344
III 13	.2065	.3993	.2867	.3131	.6038
III_14	.3996	.3089	.5072	.4648	.5905

* * * * * * * * * * * * * * P R O X I M I T I E S * * * * * * * * * * * * * *

Rescaled Chi-Square Dissimilarity Coefficient Matrix (Cont.)

Variable	II_1_A	II_1_B	II_1_C	II_1_D	II_1_E
III 15	.2220	.2081	.2502	.2912	.6083
III 16	.2141	.2649	.2895	.2852	.4460
III 17	.1285	.2741	.2141	.2463	.5925
III 18	.2474	.2885	.3168	.3720	.4469
III 19	.1464	.2996	.1935	.1916	.5556
III 20	.3188	.5202	.4239	.4587	.6363
III 21	.2299	.2297	.2625	.3023	.5720
III 22	.4077	.1198	.4354	.4531	.5248
III 23	.4254	.2199	.4346	.5060	.5688
III 24	.1061	.3266	.2337	.3608	.7034
III 25	.4906	.4587	.5004	.4740	.6827
III 26	.0459	.2418	.2278	.3261	.8628
III 27	.1909	.2986	.3182	.3836	.7008
III_28	.5603	.6003	.7153	.6699	.7344

III 29	.7179	.6541	.7261	.6671	.6149
III 30	.5333	.7201	.5031	.5733	.7074
III 31	.1336	.3893	.2971	.3678	.6257
III 32	.1786	.4365	.2478	.3449	.6911
III 33	.4629	.4859	.5400	.5202	.7172
III 34	.2119	.4448	.2196	.2650	.5455
III 35	.1845	.3402	.1714	.2415	.5666
III 36	.2046	.4915	.3081	.3643	.7425
III 37	.2568	.4877	.2304	.3157	.7128
III 38	.4327	.6786	.4720	.5311	.7533
III 39	.0987	.3417	.2207	.3127	.7456
III 40	.2422	.2302	.3324	.3196	.7301
III 41	.1589	.3529	.3445	.3962	.7475
V 1	.1887	.4156	.2846	.3714	.7363
V 2	.1784	.3062	.3402	.3732	.6322
V 3	.2340	.3054	.3451	.3848	.7772
V 4	.2299	.2297	.3792	.4363	.6820
V 5	.1840	.3477	.3332	.3980	.7281
V 6	.1359	.3303	.2827	.3264	.6794
SUM1	.1417	.2805	.1773	.2117	.6729
SUM2	.3470	.5289	.4239	.5141	.9962
SUM3	.3292	.5569	.3724	.4195	.8654
SUM4	.1655	.3994	.2578	.3273	.8409
SUM5	.1035	.3613	.2758	.3377	.7642
SUM6	.2182	.4031	.4124	.4626	.8429
SUM7	.0940	.3605	.2727	.3377	.7947

Variable	II_1_F	II_2_A	II_2_B	II_2_C	II_2_D
II_2_A	.3990				

* * * * * * * * * * * * * * P R O X I M I T I E S * * * * * * * * * * * * * *

Rescaled Chi-Square Dissimilarity Coefficient Matrix (Cont.)

Variable	II_1_F	II_2_A	II_2_B	II_2_C	II_2_D
II 2 B	.7262	.4037			
II 2 C	.4923	.4468	.5808		
II 2 D	.3375	.1131	.4514	.4006	
II 2 E	.5386	.5339	.6070	.4126	.5099
II 2 F	.4371	.2584	.4398	.3555	.1727
II 3 A	.4171	.4696	.6396	.2008	.4111
II 3 B	.6158	.4406	.2968	.4583	.5012
II 3 C	.6327	.2180	.4823	.5361	.3123
II 3 D	.3751	.2240	.5671	.5027	.2178
II 3 E	.7565	.5886	.4812	.6335	.5519
II 3 F	.3272	.0879	.4559	.3413	.1266
III 01	.2925	.3620	.6380	.6335	.3477
III 02	.3069	.1996	.4475	.4803	.1069
III 03	.3482	.3744	.6379	.1938	.3360
III 04	.2542	.3613	.4949	.4587	.3411
III 05	.2040	.4126	.6649	.4245	.3208
III 06	.3838	.4495	.6524	.4068	.4326
III 07	.2915	.2882	.5151	.2884	.2989
III 08	.3550	.4288	.5841	.2513	.3655
III 09	.3919	.4310	.5224	.1270	.3499
III 10	.3292	.4191	.6496	.3360	.4129
III 11	.5739	.6135	.7293	.4757	.6314
III 12	.2905	.3107	.6946	.5021	.3528
III 13	.3903	.4976	.7042	.2812	.4374
III 14	.5462	.5739	.5530	.3075	.4704
III 15	.2514	.3737	.5399	.3718	.3103
III 16	.3679	.4579	.6058	.4381	.4166
III 17	.2861	.3423	.5587	.3563	.2938
III 18	.4229	.5313	.6435	.3704	.5106
III 19	.3571	.4293	.6576	.3213	.4205
III 20	.5367	.5316	.6790	.3131	.4984
III 21	.3633	.4484	.5925	.3219	.4423
III 22	.3994	.5780	.6192	.5262	.5503
III 23	.4961	.5049	.4718	.5522	.5382
III 24	.3299	.3110	.551[illegible]	.2826	.3347
III_25	.3599	.6286	.80[illegible]	.5878	.5184

III 26	.2530	.3707	.6011	.2930	.3500
III 27	.3096	.3854	.6010	.2774	.3322
III 28	.7773	.6565	.4920	.5537	.5565
III 29	.7871	.8267	.7642	.6741	.7288
III 30	.6483	.6492	.9282	.7573	.7227
III 31	.3588	.3781	.6148	.3720	.3627
III 32	.3314	.3841	.6548	.3444	.3595
III_33	.5202	.5103	.5330	.4597	.3884

* * * * * * * * * * * * * * P R O X I M I T I E S * * * * * * * * * * * * *

Rescaled Chi-Square Dissimilarity Coefficient Matrix (Cont.)

Variable	II_1_F	II_2_A	II_2_B	II_2_C	II_2_D
III 34	.4759	.4507	.7012	.4209	.4964
III 35	.4068	.3650	.6177	.3736	.4316
III 36	.4308	.3873	.7023	.4133	.4122
III 37	.3792	.3605	.6552	.3834	.3716
III 38	.5867	.5251	.7372	.4948	.5251
III 39	.2722	.2368	.5327	.2935	.2144
III 40	.2365	.3887	.6074	.3275	.2809
III 41	.3592	.3816	.5998	.2156	.3053
V 1	.3790	.3488	.6257	.3603	.3786
V 2	.3636	.4918	.6672	.2607	.4493
V 3	.2422	.4535	.6859	.3039	.3881
V 4	.3141	.4718	.6116	.3219	.4201
V 5	.3221	.4057	.6225	.2883	.3696
V 6	.3121	.3871	.6184	.2847	.3467
SUM1	.2937	.5054	.7686	.4932	.4808
SUM2	.5501	.2475	.4500	.3470	.1988
SUM3	.5891	.2926	.5247	.4437	.3104
SUM4	.4251	.3388	.5965	.3996	.3124
SUM5	.3642	.4578	.6949	.3841	.4269
SUM6	.3844	.5136	.7419	.3650	.4856
SUM7	.3652	.4258	.6699	.3751	.3955

Variable	II_2_E	II_2_F	II_3_A	II_3_B	II_3_C
II 2 F	.5696				
II 3 A	.3584	.3857			
II 3 B	.4510	.4582	.4437		
II 3 C	.6395	.3661	.5400	.5479	
II 3 D	.5457	.3205	.3857	.5069	.2675
II 3 E	.5670	.4838	.5267	.4319	.5351
II 3 F	.4194	.3059	.3750	.4351	.3313
III 01	.5287	.4832	.5600	.5547	.5983
III 02	.5366	.1736	.4204	.4515	.3874
III 03	.3565	.3618	.1343	.4715	.4718
III 04	.4515	.4009	.3990	.3410	.5899
III 05	.5781	.4176	.3682	.5771	.5994
III 06	.4497	.3574	.2109	.4351	.5343
III 07	.3604	.3081	.2536	.3380	.4619
III 08	.4014	.3353	.1167	.4087	.5412
III 09	.5105	.2813	.2152	.5174	.5317
III 10	.5381	.3477	.2804	.4700	.5323
III 11	.5224	.5904	.5300	.5951	.7334
III 12	.5311	.4511	.4298	.5501	.4363
III_13	.4618	.3705	.3128	.5701	.6027

* * * * * * * * * * * * * * P R O X I M I T I E S * * * * * * * * * * * * *

Rescaled Chi-Square Dissimilarity Coefficient Matrix (Cont.)

Variable	II_2_E	II_2_F	II_3_A	II_3_B	II_3_C
III 14	.3552	.4168	.2543	.4114	.6750
III 15	.4459	.3249	.3164	.4178	.5577
III 16	.4456	.3526	.3184	.4362	.5696
III 17	.4732	.2589	.2529	.4129	.4762
III 18	.4590	.4185	.3410	.4382	.6531
III_19	.3939	.4253	.1508	.4268	.5042

III 20	.6254	.3263	.2986	.5289	.5645
III 21	.4344	.4329	.1871	.3415	.5665
III 22	.4129	.5936	.4406	.3946	.7512
III 23	.3875	.5495	.4810	.1989	.6780
III 24	.5036	.2762	.2934	.3706	.4661
III 25	.5988	.5405	.5299	.7361	.7951
III 26	.4661	.2889	.2606	.4175	.5435
III 27	.4971	.2464	.2922	.4587	.5413
III 28	.6039	.5142	.5500	.5388	.6600
III 29	.6930	.6706	.5875	.7046	.8680
III 30	.7754	.7265	.7161	.7562	.6678
III 31	.5743	.2327	.3284	.4689	.4668
III 32	.5293	.2739	.3681	.5458	.5168
III 33	.6510	.2870	.4166	.5537	.5544
III 34	.4853	.4757	.3073	.4607	.4692
III 35	.3920	.4501	.2787	.3794	.4635
III 36	.5833	.4063	.3644	.5343	.4272
III 37	.5982	.3908	.4084	.5510	.4365
III 38	.7658	.4272	.5423	.6913	.4867
III 39	.5082	.1901	.2623	.4104	.4017
III 40	.3623	.3788	.2704	.4978	.5715
III 41	.5131	.1705	.2536	.4929	.5078
V 1	.5790	.2507	.3199	.4456	.4375
V 2	.5089	.3601	.1780	.4598	.6013
V 3	.5137	.3941	.2545	.5338	.6217
V 4	.4839	.3380	.2625	.4272	.6453
V 5	.5511	.2847	.2395	.4580	.5379
V 6	.5007	.2709	.1723	.4435	.5024
SUM1	.4703	.4910	.3211	.5714	.6670
SUM2	.5263	.2300	.4260	.4095	.4605
SUM3	.5810	.3413	.3527	.3855	.3849
SUM4	.4936	.3300	.2914	.4349	.5205
SUM5	.5616	.3694	.3031	.5098	.6324
SUM6	.6233	.4127	.2800	.5424	.6670
SUM7	.5488	.3503	.2818	.4858	.6062

Variable	II_3_D	II_3_E	II_3_F	III_01	III_02

* * * * * * * * * * * * * * P R O X I M I T I E S * * * * * * * * * * * * * *

Rescaled Chi-Square Dissimilarity Coefficient Matrix (Cont.)

Variable	II_3_D	II_3_E	II_3_F	III_01	III_02
II 3 E	.4640				
II 3 F	.2754	.6277			
III 01	.3530	.6557	.3463		
III 02	.1857	.4665	.2546	.2734	
III 03	.3430	.5974	.2620	.4815	.3912
III 04	.3613	.5474	.3156	.2413	.2503
III 05	.3374	.6645	.3380	.3996	.3056
III 06	.3390	.5055	.4309	.4801	.3513
III 07	.3210	.5581	.2287	.3742	.2857
III 08	.3525	.5039	.3579	.5008	.3366
III 09	.4310	.6224	.3587	.5966	.3951
III 10	.3718	.6179	.3990	.5236	.3697
III 11	.7097	.8330	.5645	.7138	.6433
III 12	.2233	.6516	.2931	.2853	.3471
III 13	.4930	.6656	.4365	.5680	.4516
III 14	.5262	.4236	.4911	.5854	.4448
III 15	.3434	.5418	.3289	.3756	.2432
III 16	.3510	.4501	.4449	.4154	.3048
III 17	.2484	.4792	.3255	.3860	.2136
III 18	.5087	.5852	.4967	.5354	.4480
III 19	.3920	.5239	.3604	.4510	.3976
III 20	.4875	.5899	.5267	.6907	.4740
III 21	.3651	.5267	.3821	.4767	.3930
III 22	.5290	.5723	.5018	.3967	.4758
III 23	.5293	.5229	.4593	.4200	.4517
III 24	.3389	.5862	.2852	.4335	.3149
III 25	.5924	.7716	.5775	.5312	.4783
III_26	.3707	.6011	.3204	.4061	.3110

III 27	.3854	.5804	.3379	.4266	.3123
III 28	.6042	.3364	.6471	.7609	.5323
III 29	.7535	.6301	.7918	.8971	.6919
III 30	.5701	.8283	.6770	.6356	.6885
III 31	.3182	.5314	.3985	.4554	.2999
III 32	.4320	.6872	.3691	.5139	.3654
III 33	.4337	.4313	.5274	.6284	.3253
III 34	.3276	.5523	.4322	.5131	.4675
III 35	.3128	.5420	.3394	.4303	.4118
III 36	.2906	.6052	.3723	.4733	.4188
III 37	.3265	.6552	.3539	.5165	.3930
III 38	.4966	.6952	.5687	.7183	.5362
III 39	.2368	.5542	.2144	.3907	.2061
III 40	.3526	.5820	.2673	.3081	.2996
III 41	.4046	.5971	.3369	.5148	.3245
V_1	.2800	.5839	.3324	.4600	.3648

* * * * * * * * * * * * * * P R O X I M I T I E S * * * * * * * * * * * * * *

Rescaled Chi-Square Dissimilarity Coefficient Matrix (Cont.)

Variable	II_3_D	II_3_E	II_3_F	III_01	III_02
V 2	.4273	.5826	.4302	.5338	.4156
V 3	.4294	.6887	.3561	.4751	.3925
V 4	.4718	.6116	.4085	.4767	.3686
V 5	.3792	.6037	.3640	.4968	.3443
V 6	.3284	.5590	.3438	.4699	.3169
SUM1	.4145	.7007	.4424	.4764	.4116
SUM2	.4109	.6241	.1827	.5150	.2954
SUM3	.2338	.4802	.2923	.5079	.2987
SUM4	.3194	.5974	.2771	.4493	.2886
SUM5	.4102	.6546	.4058	.5206	.3693
SUM6	.4664	.6994	.4465	.5892	.4498
SUM7	.3837	.6403	.3680	.5002	.3448

Variable	III_03	III_04	III_05	III_06	III_07
III 04	.3653				
III 05	.3439	.2425			
III 06	.2898	.3801	.4462		
III 07	.1624	.2103	.3354	.2436	
III 08	.1742	.2896	.2854	.2214	.1536
III 09	.2009	.4143	.3099	.3562	.2604
III 10	.2630	.3436	.3443	.2172	.1633
III 11	.5075	.5912	.6800	.5036	.4152
III 12	.2950	.3349	.3528	.3797	.2807
III 13	.2436	.4472	.4394	.3378	.2454
III 14	.3536	.3867	.4470	.3990	.3662
III 15	.2902	.1553	.2226	.3122	.1394
III 16	.3227	.2823	.3818	.2068	.2094
III 17	.2298	.2238	.2548	.1982	.1275
III 18	.3355	.3506	.4612	.2797	.2114
III 19	.1226	.3143	.3278	.2106	.1861
III 20	.3777	.5367	.5048	.2784	.3898
III 21	.2290	.2286	.2831	.2576	.1845
III 22	.4338	.1843	.3890	.4634	.3477
III 23	.4805	.2291	.5413	.4210	.3094
III 24	.2133	.2612	.3283	.2743	.1112
III 25	.5660	.5036	.4639	.4923	.5232
III 26	.1963	.2397	.3007	.2257	.1103
III 27	.2140	.2869	.3039	.3017	.1943
III 28	.6240	.5865	.6252	.6469	.6017
III 29	.7063	.6953	.6787	.6580	.6776
III 30	.6424	.6582	.7198	.5990	.5916
III 31	.2946	.3585	.3714	.2123	.2502
III_32	.3069	.4388	.4518	.2818	.2458

* * * * * * * * * * * * * * P R O X I M I T I E S * * * * * * * * * * * * * *

Rescaled Chi-Square Dissimilarity Coefficient Matrix (Cont.)

Variable	III_03	III_04	III_05	III_06	III_07
III 33	.5008	.4622	.3931	.4395	.4729
III 34	.2501	.4250	.4851	.2539	.2502
III 35	.1925	.3123	.4135	.2740	.1445
III 36	.2556	.4307	.4069	.3632	.3287
III 37	.2936	.3955	.3288	.4276	.2598
III 38	.4915	.6333	.5588	.5194	.4992
III 39	.1930	.2575	.2512	.2545	.1461
III 40	.2199	.2296	.1906	.3822	.2691
III 41	.2297	.3985	.3660	.2826	.2635
V 1	.2480	.3302	.3103	.3318	.2574
V 2	.2293	.3502	.3165	.2352	.2743
V 3	.2644	.3250	.2169	.3474	.3194
V 4	.3183	.2965	.3426	.2576	.2837
V 5	.2660	.3406	.2955	.2510	.2806
V 6	.2120	.3374	.3054	.1645	.2463
SUM1	.2769	.3410	.4180	.2385	.1750
SUM2	.3530	.3989	.5350	.5073	.2455
SUM3	.3457	.4163	.5230	.3708	.2744
SUM4	.2276	.3218	.4528	.3023	.0999
SUM5	.2531	.3215	.3787	.2783	.1209
SUM6	.3237	.4067	.3623	.3196	.3580
SUM7	.2302	.3108	.3792	.2733	.1124

Variable	III_08	III_09	III_10	III_11	III_12
III 09	.1684				
III 10	.1589	.2047			
III 11	.4894	.4821	.4148		
III 12	.4040	.4556	.3576	.6435	
III 13	.2385	.1864	.2022	.3350	.4387
III 14	.2338	.3332	.4438	.6121	.5941
III 15	.1326	.2601	.1828	.4792	.3657
III 16	.1790	.3407	.2034	.5001	.3703
III 17	.0989	.2359	.1253	.5258	.2950
III 18	.2199	.3028	.1670	.3369	.4575
III 19	.1586	.2981	.2314	.5555	.2451
III 20	.3087	.2306	.2480	.4971	.5384
III 21	.1280	.2938	.2184	.5504	.3515
III 22	.3659	.5167	.4556	.6220	.4516
III 23	.4180	.5780	.4678	.5553	.4959
III 24	.2276	.2320	.1623	.5036	.2816
III 25	.4843	.4930	.4888	.4847	.6144
III 26	.1919	.2225	.1532	.4784	.3004
III_27	.2308	.1974	.2326	.5395	.3270

* * * * * * * * * * * * * * P R O X I M I T I E S * * * * * * * * * * * * * *

Rescaled Chi-Square Dissimilarity Coefficient Matrix (Cont.)

Variable	III_08	III_09	III_10	III_11	III_12
III 28	.4937	.5476	.6481	.8172	.7779
III 29	.5225	.5560	.6092	.6437	.8786
III 30	.6966	.7217	.5607	.7068	.3946
III 31	.2738	.2660	.1739	.5407	.2991
III 32	.3234	.2519	.1928	.3360	.3981
III 33	.3408	.3412	.4129	.6842	.5148
III 34	.3025	.4022	.2603	.5630	.2380
III 35	.2452	.3749	.2528	.5228	.2109
III 36	.3847	.3796	.3520	.6809	.1650
III 37	.3054	.2659	.1959	.5178	.2723
III 38	.5013	.3870	.3651	.5332	.4984
III 39	.2074	.2088	.1936	.5538	.2606
III 40	.2620	.3171	.3990	.6251	.3218
III 41	.2569	.1400	.2606	.5127	.4152
V 1	.3039	.3113	.2689	.6449	.2128
V 2	.1984	.2059	.2295	.5563	.3961
V 3	.2928	.2640	.3361	.6010	.3870
V 4	.2732	.2938	.3070	.5320	.4559
V 5	.2607	.2255	.2516	.5758	.3769
V_6	.2132	.2260	.2293	.5597	.3430

SUM1	.2260	.4164	.2381	.5369	.3617
SUM2	.3825	.3750	.4642	.6153	.5089
SUM3	.3180	.4387	.4105	.7105	.4191
SUM4	.2102	.3645	.3015	.5967	.3847
SUM5	.1513	.2746	.1620	.5794	.4059
SUM6	.3326	.3120	.3412	.6731	.4683
SUM7	.1570	.2833	.1954	.5912	.3968

Variable	III_13	III_14	III_15	III_16	III_17
III 14	.3945				
III 15	.2652	.3232			
III 16	.2540	.3215	.1466		
III 17	.2574	.3318	.0829	.0856	
III 18	.1613	.3619	.2111	.1467	.2178
III 19	.3187	.3579	.2738	.2402	.1811
III 20	.3019	.4431	.4158	.3682	.3278
III 21	.3727	.3257	.2153	.2619	.1835
III 22	.4947	.3732	.2967	.3428	.3703
III 23	.5474	.4403	.3556	.3727	.3986
III 24	.2986	.4277	.2348	.2833	.1607
III 25	.4270	.5444	.4109	.4568	.4786
III 26	.2448	.3848	.1951	.2302	.1336
III_27	.2418	.3576	.2355	.2543	.1647

* * * * * * * * * * * * * * P R O X I M I T I E S * * * * * * * * * * * * * *

Rescaled Chi-Square Dissimilarity Coefficient Matrix (Cont.)

Variable	III_13	III_14	III_15	III_16	III_17
III 28	.6349	.3233	.5167	.5269	.5313
III 29	.5809	.4570	.5485	.5584	.5990
III 30	.6193	.8618	.6613	.5820	.5975
III 31	.2771	.4436	.2880	.2201	.1563
III 32	.1632	.5082	.3098	.3168	.2740
III 33	.4655	.3597	.3477	.3798	.3325
III 34	.3619	.5006	.3797	.2844	.2621
III 35	.3469	.4384	.2933	.2613	.2214
III 36	.4229	.5466	.4314	.3962	.3056
III 37	.2791	.5413	.2703	.3319	.2383
III 38	.3810	.6678	.5127	.4930	.4470
III 39	.3207	.4112	.2174	.2858	.1238
III 40	.3828	.2935	.2546	.3413	.2675
III 41	.2418	.3688	.3148	.3356	.2425
V 1	.4137	.4939	.3416	.3614	.2327
V 2	.3088	.3392	.3072	.3026	.2264
V 3	.3973	.4190	.3328	.4221	.3133
V 4	.3727	.3550	.3069	.3469	.2830
V 5	.3649	.4120	.3234	.3595	.2445
V 6	.3374	.3779	.3049	.3093	.2022
SUM1	.3329	.4935	.2327	.2121	.1735
SUM2	.4620	.4733	.3697	.4987	.3649
SUM3	.5224	.4689	.3837	.3999	.2690
SUM4	.3858	.4324	.2561	.3143	.1668
SUM5	.2916	.4328	.1876	.2160	.0611
SUM6	.4720	.5009	.4280	.4597	.3227
SUM7	.3237	.4285	.2121	.2550	.0839

Variable	III_18	III_19	III_20	III_21	III_22
III 19	.2951				
III 20	.3171	.3726			
III 21	.2791	.0993	.3784		
III 22	.3706	.3480	.6238	.2796	
III 23	.3871	.4115	.6242	.3393	.2044
III 24	.2672	.2109	.3182	.1983	.4253
III 25	.4706	.5879	.5375	.5822	.5574
III 26	.2186	.1960	.3182	.1938	.3783
III 27	.2643	.2420	.3156	.2644	.4180
III 28	.5060	.6216	.6308	.5816	.6007
III 29	.5539	.6889	.5851	.6343	.6649
III_30	.5896	.5321	.6637	.6233	.6965

III 31	.2624	.2555	.2125	.2971	.4906
III_32	.2651	.3780	.2697	.4168	.5665

* * * * * * * * * * * * * * P R O X I M I T I E S * * * * * * * * * * * * * *

Rescaled Chi-Square Dissimilarity Coefficient Matrix (Cont.)

Variable	III_18	III_19	III_20	III_21	III_22
III 33	.4627	.4947	.3672	.4458	.5716
III 34	.3200	.1116	.3944	.2506	.4650
III 35	.2905	.0761	.4414	.1714	.3605
III 36	.4560	.2052	.4167	.3296	.5262
III 37	.3338	.2941	.3958	.3292	.5099
III 38	.4535	.4957	.3274	.5389	.7275
III 39	.3416	.2229	.3218	.2285	.4551
III 40	.4223	.2633	.5077	.2847	.3163
III 41	.3312	.3172	.2129	.3432	.5349
V 1	.4022	.1778	.3695	.2118	.4640
V 2	.2896	.1838	.2261	.1734	.4180
V 3	.4298	.2843	.3840	.2603	.3288
V 4	.3320	.3125	.3160	.2567	.4008
V 5	.3680	.2614	.2392	.2395	.4781
V 6	.3460	.2032	.2274	.2161	.4641
SUM1	.2952	.1914	.5412	.2592	.3889
SUM2	.5172	.4567	.5623	.4529	.6287
SUM3	.5126	.3303	.5143	.3686	.6162
SUM4	.3907	.2452	.5253	.2835	.5069
SUM5	.2666	.2158	.4401	.2360	.4721
SUM6	.4676	.2859	.3781	.2759	.5486
SUM7	.3092	.2072	.4535	.2279	.4803

Variable	III_23	III_24	III_25	III_26	III_27
III 24	.4063				
III 25	.6387	.5950			
III 26	.3939	.0400	.5113		
III 27	.4656	.0990	.5317	.0473	
III 28	.6281	.6541	.7195	.6572	.6201
III 29	.7316	.7448	.5291	.7173	.7159
III 30	.7205	.5727	.7967	.6007	.6253
III 31	.4966	.1389	.5350	.1367	.1231
III 32	.5409	.2526	.4103	.2179	.2520
III 33	.6174	.4665	.4910	.4464	.4196
III 34	.4670	.2568	.6866	.2868	.3329
III 35	.3591	.2042	.6505	.2332	.2934
III 36	.5699	.2361	.7031	.2795	.2579
III 37	.5699	.2433	.5797	.2939	.2996
III 38	.7621	.6243	.6162	.4611	.4352
III 39	.4497	.0611	.5385	.0937	.1169
III 40	.4392	.3148	.4618	.2598	.2428
III 41	.5465	.1907	.4888	.1551	.1061
V_1	.4586	.1202	.6729	.1919	.1990

* * * * * * * * * * * * * * P R O X I M I T I E S * * * * * * * * * * * * * *

Rescaled Chi-Square Dissimilarity Coefficient Matrix (Cont.)

Variable	III_23	III_24	III_25	III_26	III_27
V 2	.4867	.1829	.5393	.1333	.1424
V 3	.5216	.2622	.4780	.2054	.2264
V 4	.4179	.2337	.4520	.1553	.1970
V 5	.5029	.1591	.5240	.1377	.1549
V 6	.4785	.1656	.5054	.1312	.1615
SUM1	.4385	.3317	.5435	.2297	.3433
SUM2	.5317	.3252	.6939	.3776	.3686
SUM3	.5232	.3458	.7542	.4099	.4250
SUM4	.4484	.2558	.6488	.2444	.3055
SUM5	.4929	.1703	.6215	.1031	.1775
SUM6	.5848	.2222	.6525	.1692	.2082
SUM7	.4825	.1615	.6331	.1037	.1812

Variable	III_28	III_29	III_30	III_31	III_32
III 29	.4061				
III 30	.9990	1.0000			
III 31	.6364	.6953	.4946		
III 32	.7153	.6788	.5805	.2132	
III 33	.3290	.4194	.8416	.3886	.4689
III 34	.7077	.7752	.4034	.2531	.3895
III 35	.6619	.7521	.4651	.2880	.3865
III 36	.7428	.8638	.4381	.2068	.4020
III 37	.6643	.6863	.4787	.2669	.3092
III 38	.7267	.6802	.4951	.3243	.3600
III 39	.6139	.7173	.6148	.1457	.2458
III 40	.5577	.6787	.7057	.3717	.4235
III 41	.6152	.6776	.6899	.1660	.1824
V 1	.6911	.8027	.5086	.1784	.3832
V 2	.6343	.6651	.6447	.1815	.3281
V 3	.6970	.7301	.7120	.3134	.3665
V 4	.6553	.6867	.7263	.2632	.3184
V 5	.6636	.7130	.6552	.1721	.2922
V 6	.6389	.6913	.6338	.1573	.2721
SUM1	.7543	.7883	.6925	.3226	.3621
SUM2	.6367	.8473	.9029	.4448	.4016
SUM3	.6057	.8041	.7945	.3736	.4873
SUM4	.6644	.8146	.8085	.3294	.3722
SUM5	.6901	.7832	.7816	.2175	.3310
SUM6	.8015	.8613	.8318	.2482	.4129
SUM7	.6914	.8005	.8005	.2323	.3406

Variable	III_33	III_34	III_35	III_36	III_37

* * * * * * * * * * * * * * P R O X I M I T I E S * * * * * * * * * * * * * *

Rescaled Chi-Square Dissimilarity Coefficient Matrix (Cont.)

Variable	III_33	III_34	III_35	III_36	III_37
III 34	.5915				
III 35	.5741	.0591			
III 36	.5734	.1933	.2297		
III 37	.4813	.2850	.2703	.2835	
III 38	.4852	.4465	.5021	.4052	.2835
III 39	.3902	.3040	.2594	.2279	.2535
III 40	.4467	.4289	.3413	.3638	.4119
III 41	.3735	.4020	.3883	.3244	.3614
V 1	.5001	.2199	.2084	.0854	.2447
V 2	.4086	.3129	.3041	.2836	.3686
V 3	.4506	.4467	.3956	.3523	.4184
V 4	.4166	.4449	.3971	.4135	.4766
V 5	.3946	.3685	.3529	.2816	.3743
V 6	.3869	.3107	.3049	.2541	.3685
SUM1	.5467	.3265	.2503	.4543	.4076
SUM2	.5686	.5485	.4376	.5157	.4746
SUM3	.5294	.3859	.3275	.4055	.4483
SUM4	.5334	.3676	.2649	.4169	.4188
SUM5	.4828	.3415	.2740	.4142	.3471
SUM6	.5007	.4535	.4353	.3719	.5124
SUM7	.4914	.3494	.2733	.3983	.3738

Variable	III_38	III_39	III_40	III_41	V_1
III 39	.4310				
III 40	.6167	.2542			
III 41	.4158	.1461	.3033		
V 1	.4111	.1312	.3324	.2838	
V 2	.4605	.1999	.2931	.1699	.2024
V 3	.5491	.2184	.2067	.2231	.2702
V 4	.5669	.2285	.2847	.1845	.3229
V 5	.4567	.1274	.3018	.1241	.1838
V 6	.4628	.1129	.2785	.1202	.1850
SUM1	.6111	.3112	.3330	.4161	.4076

SUM2	.6326	.2453	.3778	.3268	.4375
SUM3	.6055	.2454	.4087	.4203	.3562
SUM4	.6174	.1692	.3039	.3347	.3458
SUM5	.5455	.1676	.3398	.2796	.3067
SUM6	.5591	.1849	.3389	.2204	.2409
SUM7	.5629	.1289	.3140	.2691	.2880

Variable	V_2	V_3	V_4	V_5	V_6
V_3	.1475				

* * * * * * * * * * * * * * P R O X I M I T I E S * * * * * * * * * * * * * *

Rescaled Chi-Square Dissimilarity Coefficient Matrix (Cont.)

Variable	V_2	V_3	V_4	V_5	V_6
V 4	.1270	.1256			
V 5	.0680	.0992	.0908		
V 6	.0698	.1292	.1104	.0000	
SUM1	.3470	.3951	.3756	.3892	.3034
SUM2	.5109	.5047	.4608	.4258	.3901
SUM3	.4731	.5446	.5152	.4277	.3385
SUM4	.3883	.4354	.3943	.3608	.2657
SUM5	.2568	.3689	.3236	.2807	.2217
SUM6	.0652	.1255	.1394	.0004	.0270
SUM7	.2592	.3531	.3106	.2639	.1949

Variable	SUM1	SUM2	SUM3	SUM4	SUM5
SUM2	.8392				
SUM3	.7587	.3997			
SUM4	.5729	.4408	.3624		
SUM5	.4592	.7723	.7475	.6179	
SUM6	.6716	.8057	.7763	.7771	.6593
SUM7	.5028	.7000	.6624	.4845	.1969

Variable	SUM6
SUM7	.6281

- -

* * * * * * H I E R A R C H I C A L C L U S T E R A N A L Y S I S * * * * * *

Agglomeration Schedule using Average Linkage (Between Groups)

Stage	Clusters Combined Cluster 1	Cluster 2	Coefficient	Stage Cluster 1st Appears Cluster 1	Cluster 2	Next Stage
1	64	65	.000000	0	0	2
2	64	71	.013690	1	0	6
3	42	44	.039990	0	0	7
4	52	53	.059150	0	0	12
5	35	70	.061053	0	0	22
6	61	64	.067662	0	2	17
7	42	45	.073127	3	0	8
8	1	42	.084333	0	7	11
9	54	60	.085423	0	0	32
10	7	18	.087915	0	0	39
11	1	57	.092573	8	0	21
12	37	52	.093826	0	4	31
13	25	69	.099921	0	0	35
14	3	4	.105829	0	0	35
15	10	20	.106854	0	0	30
16	13	26	.116651	0	0	25
17	61	63	.116900	6	0	19
18	2	40	.119760	0	0	27
19	61	62	.125407	17	0	38
20	9	27	.126965	0	0	37
21	1	72	.133850	11	0	24
22	33	35	.135240	0	5	36

23	34	36	.146704	0	0	33
24	1	49	.151730	21	0	29
25	13	21	.154273	16	0	37
26	28	33	.156721	0	22	33
27	2	22	.157623	18	0	51
28	31	50	.163165	0	0	49
29	1	59	.170294	24	0	38
30	10	12	.173167	15	0	39
31	37	39	.173747	12	0	43
32	30	54	.188925	0	9	43
33	28	34	.189259	26	23	45
34	23	58	.190578	0	0	40
35	3	66	.194481	14	0	44
36	14	41	.198914	0	0	51
37	9	13	.205078	20	25	46
38	1	61	.206005	29	19	46
39	7	10	.209692	10	30	41
40	6	23	.220278	0	34	56
41	7	67	.230881	39	0	52
42	16	68	.233768	0	0	52
43	30	37	.235106	32	31	48
44	3	24	.248695	35	0	50

* * * * * * H I E R A R C H I C A L C L U S T E R A N A L Y S I S * * * * * *

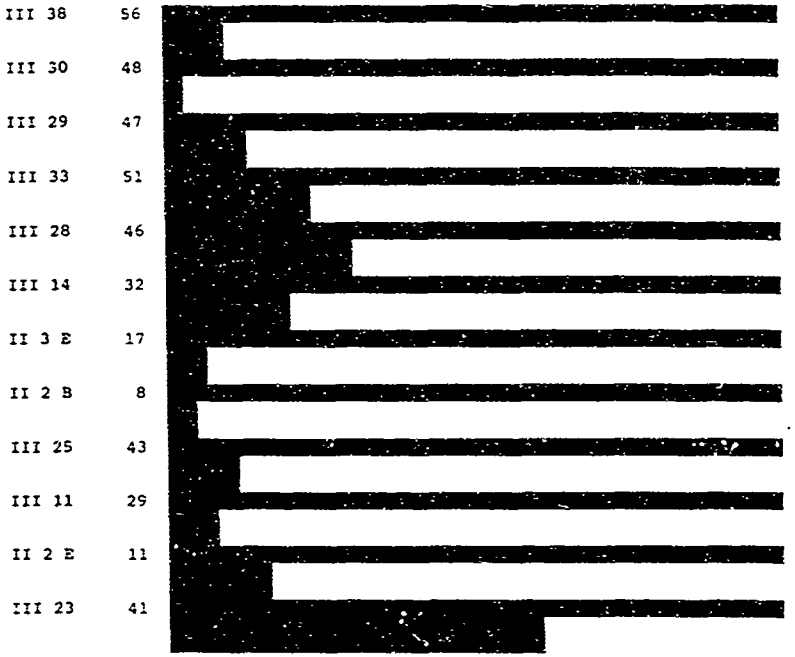
Agglomeration Schedule using Average Linkage (Between Groups) (CONT.)

	Clusters Combined			Stage Cluster 1st Appears		Next
Stage	Cluster 1	Cluster 2	Coefficient	Cluster 1	Cluster 2	Stage
45	25	28	.251609	13	33	47
46	1	9	.253313	38	37	47
47	1	25	.270528	46	45	53
48	30	55	.282712	43	0	50
49	31	38	.285809	28	0	55
50	3	30	.292462	44	48	53
51	2	14	.295457	27	36	62
52	7	16	.297434	41	42	57
53	1	3	.299174	47	50	55
54	32	46	.323318	0	0	58
55	1	31	.323476	53	49	59
56	6	19	.333434	40	0	59
57	7	15	.341002	52	0	61
58	32	51	.344332	54	0	60
59	1	6	.375965	55	56	61
60	17	32	.397093	0	58	64
61	1	7	.405731	59	57	63
62	2	11	.413573	51	0	63
63	1	2	.435996	61	62	67
64	17	47	.478135	60	0	68
65	29	43	.484651	0	0	67
66	48	56	.495063	0	0	70
67	1	29	.551556	63	65	69
68	8	17	.564666	0	64	69
69	1	8	.573077	67	68	70
70	1	48	.599182	69	66	71
71	1	5	.690279	70	0	0

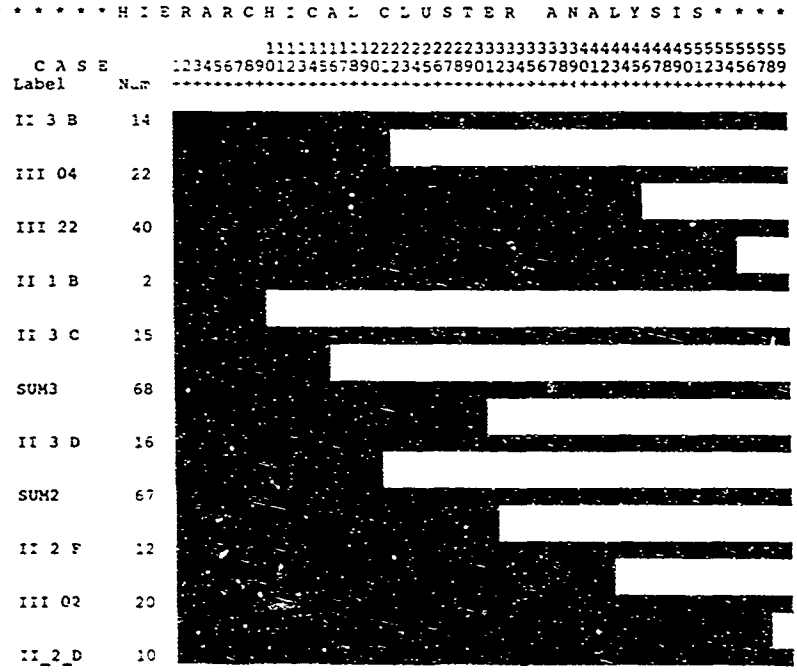
* * * * * * H I E R A R C H I C A L C L U S T E R A N A L Y S I S * * * * * *

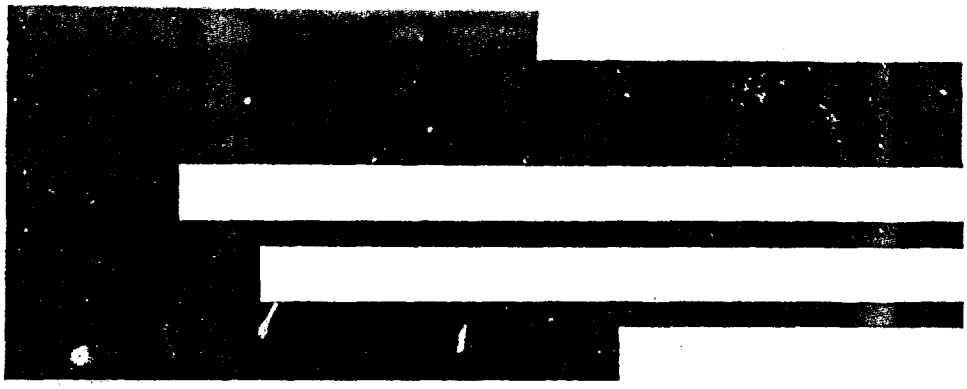
Horizontal Icicle Plot Using Average Linkage (Between Groups)

```
                                    Number of Clusters

                         111111111122222222223333333333444444444455555555555
   C A S E       123456789012345678901234567890123456789012345678901234567890123456789
 Label     Num   ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++

 II 1 E      5   [redacted]
```

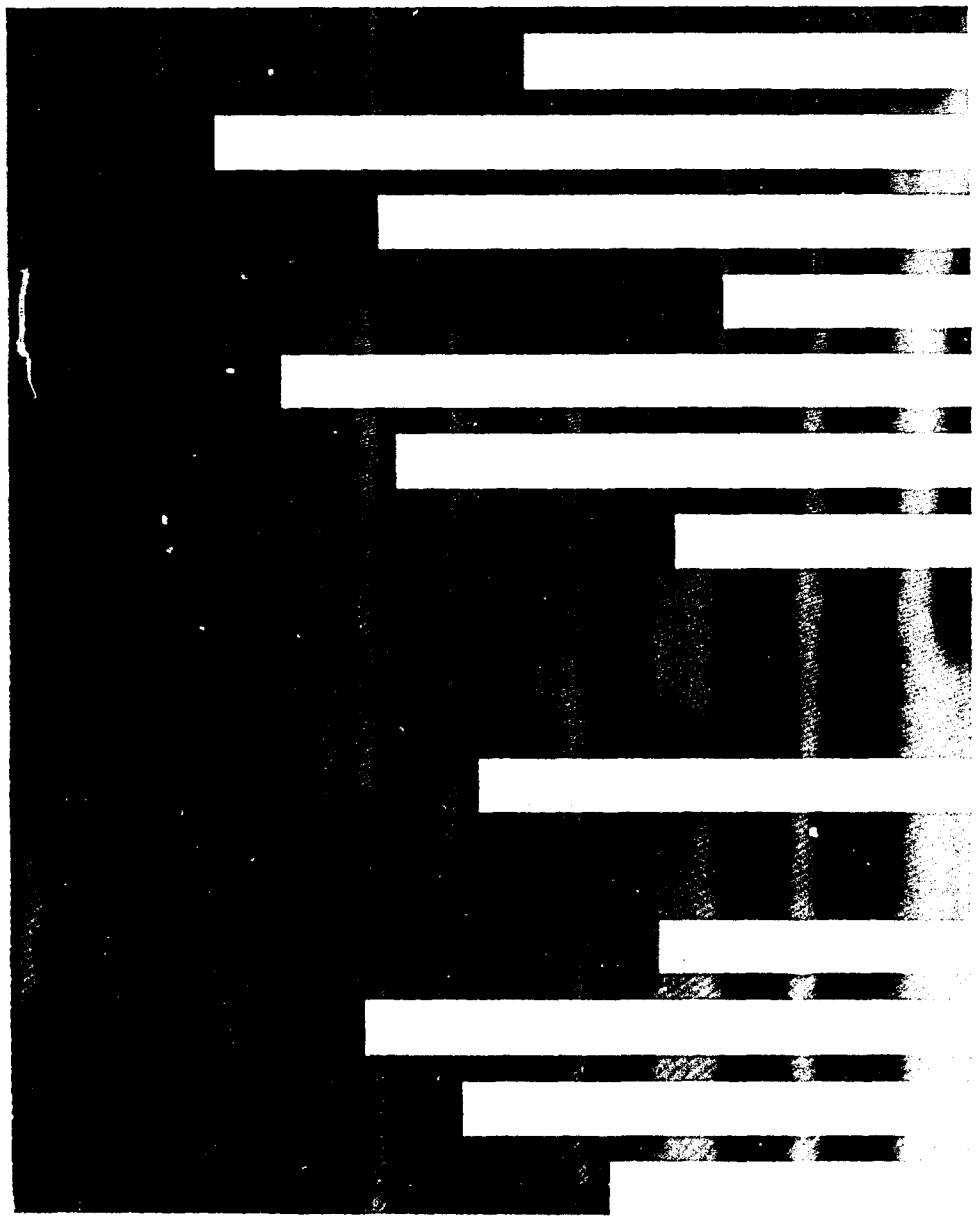


* * * * * * H I E R A R C H I C A L C L U S T E R A N A L Y S I S * * * * * *



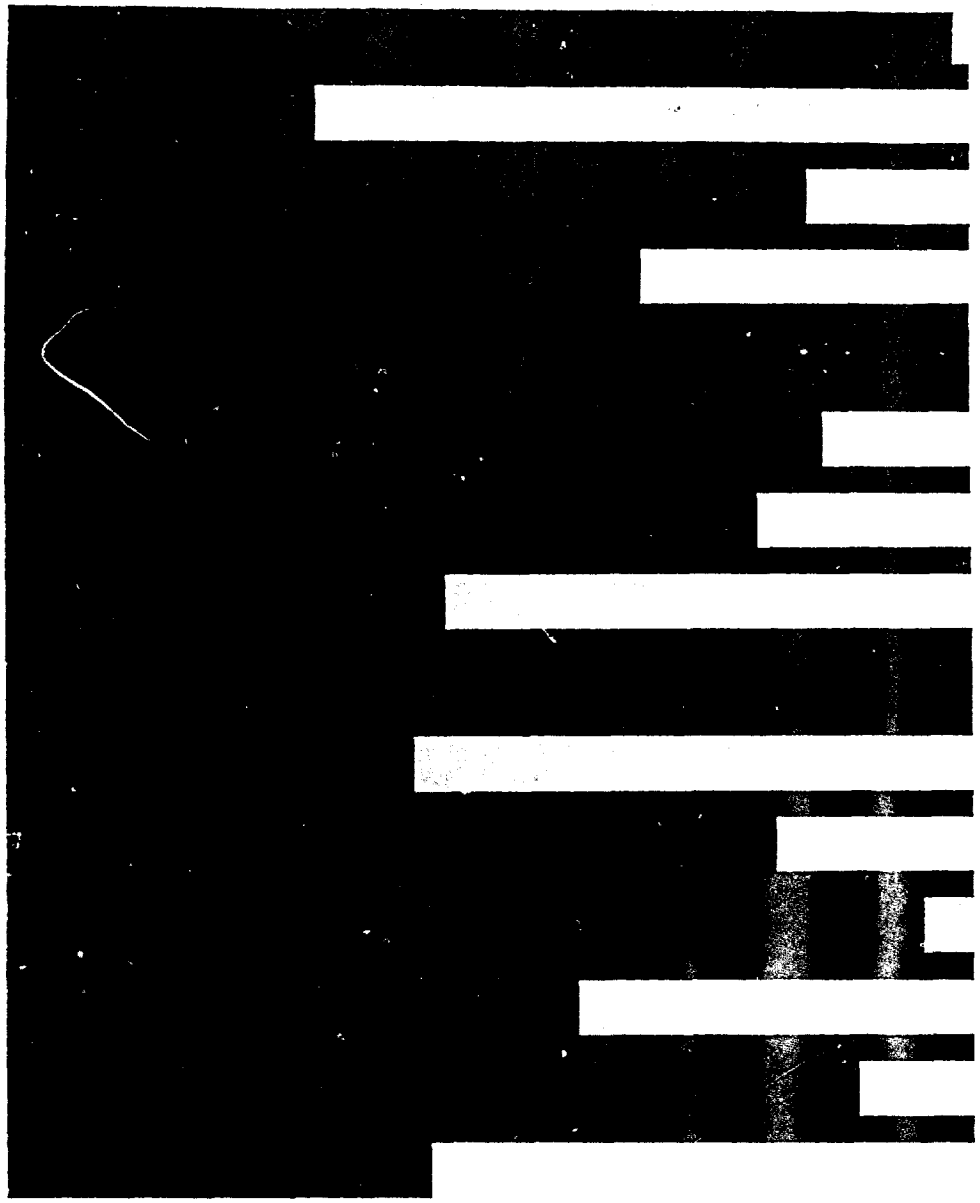


* * * * * * H I E R A R C H I C A L C L U S T E R A N A L Y S I S * * * * * *



* * * * * * H I E R A R C H I C A L C L U S T E R A N A L Y S I S * * * * * *

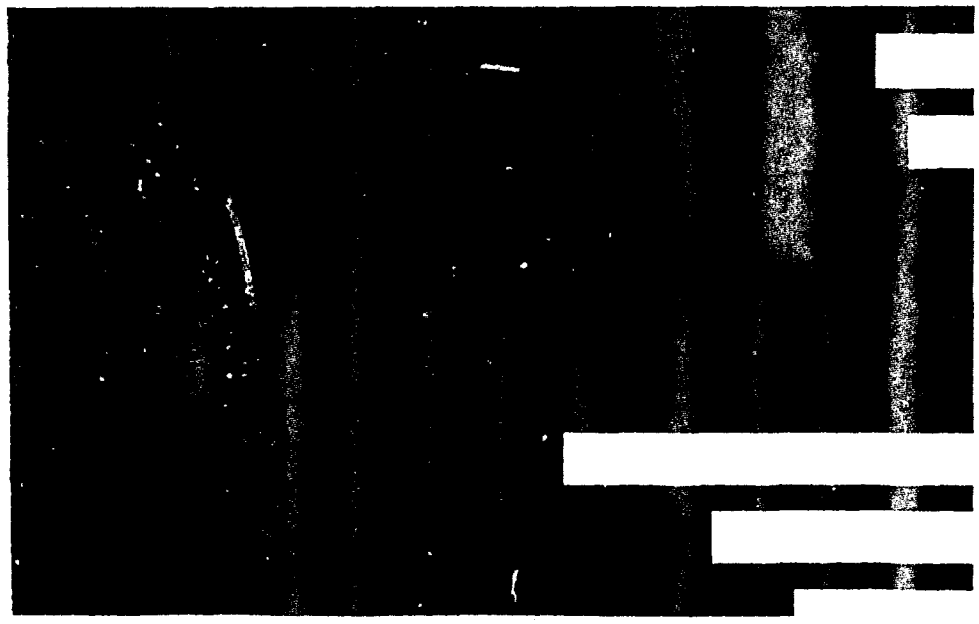
II 1 C	3
III 18	36
III 16	34
SUM5	70
III 17	35
III 15	33
III 10	28
SUM4	69
III 07	25
III 03	21
III 08	26
II 3 A	13
III 09	27
II 2 C	9



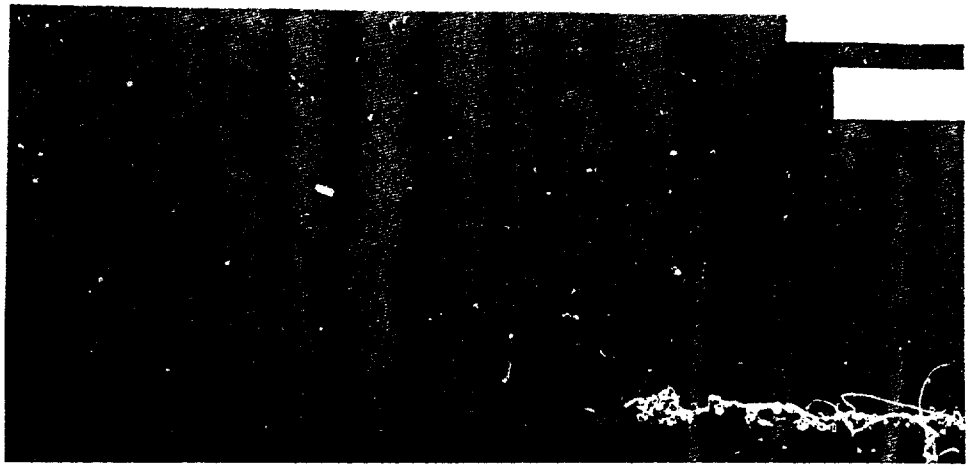
* * * * * * H I E R A R C H I C A L C L U S T E R A N A L Y S I S * * * * * *

```
                    111111111122222222223333333333444444444455555555555
  C A S E           12345678901234567890123456789012345678901234567890123456789
Label       Num     +++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
```

V 3	62
V 4	63
SUM6	71
V 6	65
V 5	64
V 2	61
III 41	53
III 31	43



SUM7	72
III 39	57
III 27	45
III 26	44
III 24	42
II_1_A	1



* * * * * * H I E R A R C H I C A L C L U S T E R A N A L Y S I S * * * * *

C A S E Label	Num	666666666677 012345678901 ++++++++++++
II_1_E	5	
III_38	56	
III_30	48	
III_29	47	
III_33	51	
III_28	46	
III_14	32	
II_3_E	17	
II_2_B	8	
III_25	43	
III_11	29	
II_2_E	11	
III_23	41	
II_3_B	14	
III_04	22	

* * * * * * H I E R A R C H I C A L C L U S T E R A N A L Y S I S * * * * * *

C A S E	666666666677 012345678901

Label	Num	++++++++++++
III_22	40	
II_1_B	2	
II_3_C	15	
SUM3	68	
II_3_D	16	
SUM2	67	
II_2_F	12	
III_02	20	
II_2_D	10	
II_3_F	18	
II_2_A	7	
III_01	19	
III_40	58	
III_05	23	
II_1_F	6	

* * * * * * H I E R A R C H I C A L C L U S T E R A N A L Y S I S * * * * * *

C A S E Label	Num	666666666577 012345678901 ++++++++++++
III_20	38	
III_32	50	
III_13	31	
III_37	55	
III_21	39	
III_35	53	
III_34	52	

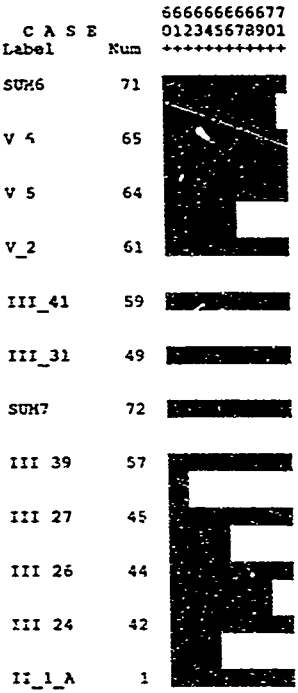
III_19	37
V 1	60
III_36	54
III_12	30
III_06	24
SUM1	66
II_1_D	4
II_1_C	3

* * * * * * H I E R A R C H I C A L C L U S T E R A N A L Y S I S * * * * * *

C A S E Label	Num	666666666377 012345678901 ++++++++++++
III_18	36	
III_16	34	
SUM5	70	
III_17	35	
III_15	33	
III_10	28	
SUM4	69	
III_07	25	
III_03	21	
III_08	26	
II_3_A	13	
III_09	27	
II_2_C	9	
V_3	62	

V_4 63

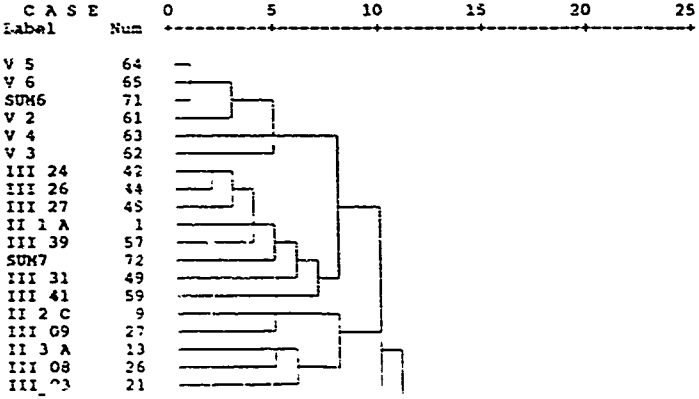
* * * * * * H I E R A R C H I C A L C L U S T E R A N A L Y S I S * * * * * *

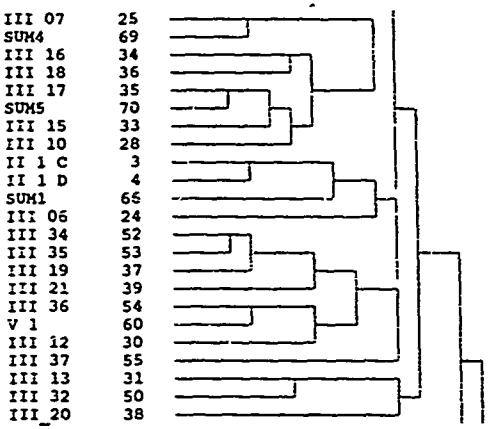


* * * * * * H I E R A R C H I C A L C L U S T E R A N A L Y S I S * * * * * *

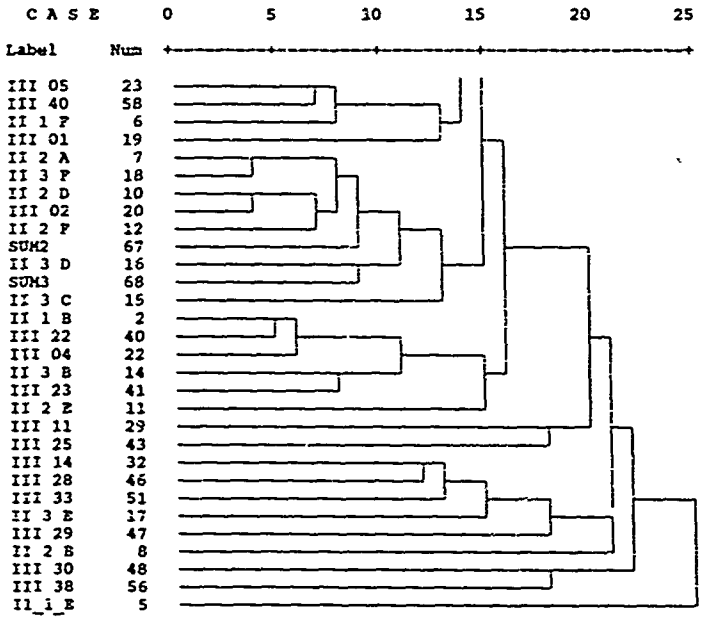
Dendrogram using Average Linkage (Between Groups)

Rescaled Distance Cluster Combine





* * * * * * H I E R A R C H I C A L C L U S T E R A N A L Y S I S * * * * * *



APPENDIX 7

T Test for

Independent Samples

t-tests for independent samples of STUDYGRP STUDY GROUP DESIGNATION

Variable	Number of Cases	Mean	SD	SE of Mean
II_1_A				
CONTROL GROUP	62	4.0968	.953	.121
EXPERIMENTAL	12	4.6667	.492	.142

Mean Difference = -.5699

Levene's Test for Equality of Variances: F= 2.740 P= .102

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	-2.01	72	.048	.283	(-1.135, -.005)
Unequal	-3.05	29.91	.005	.187	(-.951, -.189)

Variable	Number of Cases	Mean	SD	SE of Mean
II_1_B				
CONTROL GROUP	57	4.1228	1.151	.152
EXPERIMENTAL	11	4.3636	1.120	.338

Mean Difference = -.2408

Levene's Test for Equality of Variances: F= .052 P= .820

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	-.64	66	.526	.377	(-.995, .513)
Unequal	-.65	14.38	.526	.371	(-1.036, .554)

t-tests for independent samples of STUDYGRP STUDY GROUP DESIGNATION

Variable	Number of Cases	Mean	SD	SE of Mean
II_1_C				
CONTROL GROUP	58	4.1034	1.280	.168
EXPERIMENTAL	12	4.3333	.778	.225

Mean Difference = -.2299

Levene's Test for Equality of Variances: F= 1.267 P= .264

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	-.60	68	.552	.385	(-.998, .538)
Unequal	-.82	25.22	.420	.281	(-.808, .348)

Variable	Number of Cases	Mean	SD	SE of Mean

II_1_D				
CONTROL GROUP	56	4.2500	1.195	.160
EXPERIMENTAL	12	4.3333	.985	.284

Mean Difference = -.0833

Levene's Test for Equality of Variances: F= .509 P= .478

	t-test for Equality of Means				95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	-.23	66	.822	.370	(-.822, .655)
Unequal	-.26	18.66	.801	.326	(-.766, .599)

t-tests for independent samples of STUDYGRP STUDY GROUP DESIGNATION

Variable	Number of Cases	Mean	SD	SE of Mean
II_1_E				
CONTROL GROUP	52	4.0385	1.267	.176
EXPERIMENTAL	12	3.8333	1.749	.505

Mean Difference = .2051

Levene's Test for Equality of Variances: F= 4.871 P= .031

	t-test for Equality of Means				95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	.47	62	.641	.437	(-.669, 1.079)
Unequal	.38	13.78	.707	.535	(-.942, 1.352)

Variable	Number of Cases	Mean	SD	SE of Mean
II_1_F				
CONTROL GROUP	52	4.1346	1.237	.172
EXPERIMENTAL	12	4.9167	1.084	.313

Mean Difference = -.7821

Levene's Test for Equality of Variances: F= 1.243 P= .269

	t-test for Equality of Means				95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	-2.02	62	.048	.388	(-1.558, -.006)
Unequal	-2.19	18.26	.042	.357	(-1.532, -.032)

t-tests for independent samples of STUDYGRP STUDY GROUP DESIGNATION

Variable	Number of Cases	Mean	SD	SE of Mean
II_2_A				
CONTROL GROUP	58	3.3276	1.114	.146

EXPERIMENTAL	12	3.5000	1.314	.379

Mean Difference = -.1724

Levene's Test for Equality of Variances: F= .777 P= .381

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	-.47	68	.638	.364	(-.900, .555)
Unequal	-.42	14.45	.678	.407	(-1.045, .700)

Variable	Number of Cases	Mean	SD	SE of Mean
II_2_B				
CONTROL GROUP	54	3.2222	1.284	.175
EXPERIMENTAL	12	2.9167	1.379	.398

Mean Difference = .3056

Levene's Test for Equality of Variances: F= .000 P= 1.000

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	.74	64	.464	.415	(-.524, 1.135)
Unequal	.70	15.53	.493	.435	(-.616, 1.227)

t-tests for independent samples of STUDYGRP STUDY GROUP DESIGNATION

Variable	Number of Cases	Mean	SD	SE of Mean
II_2_C				
CONTROL GROUP	54	3.4815	1.255	.171
EXPERIMENTAL	12	3.6667	.888	.256

Mean Difference = -.1852

Levene's Test for Equality of Variances: F= 2.183 P= .144

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	-.48	64	.630	.383	(-.950, .580)
Unequal	-.60	22.04	.554	.308	(-.824, .454)

Variable	Number of Cases	Mean	SD	SE of Mean
II_2_D				
CONTROL GROUP	53	3.6415	1.287	.177
EXPERIMENTAL	12	3.4167	1.084	.313

Mean Difference = .2248

Levene's Test for Equality of Variances: F= .208 P= .650

Variances	t-value	df	2-Tail Sig	SE of Diff	95% CI for Diff
	t-test for Equality of Means				
Equal	.56	63	.577	.401	(-.577, 1.026)
Unequal	.63	18.75	.539	.359	(-.527, .977)

t-tests for independent samples of STUDYGRP STUDY GROUP DESIGNATION

Variable	Number of Cases	Mean	SD	SE of Mean
II_2_E				
CONTROL GROUP	48	3.4375	1.236	.178
EXPERIMENTAL	12	3.0000	1.206	.348

Mean Difference = .4375

Levene's Test for Equality of Variances: F= .015 P= .903

Variances	t-value	df	2-Tail Sig	SE of Diff	95% CI for Diff
	t-test for Equality of Means				
Equal	1.10	58	.275	.397	(-.358, 1.233)
Unequal	1.12	17.26	.279	.391	(-.388, 1.263)

Variable	Number of Cases	Mean	SD	SE of Mean
II_2_F				
CONTROL GROUP	52	3.8654	1.329	.184
EXPERIMENTAL	12	3.9167	1.084	.313

Mean Difference = -.0513

Levene's Test for Equality of Variances: F= 2.030 P= .159

Variances	t-value	df	2-Tail Sig	SE of Diff	95% CI for Diff
	t-test for Equality of Means				
Equal	-.12	62	.902	.413	(-.877, .774)
Unequal	-.14	19.45	.889	.363	(-.811, .705)

t-tests for independent samples of STUDYGRP STUDY GROUP DESIGNATION

Variable	Number of Cases	Mean	SD	SE of Mean
II_3_A				
CONTROL GROUP	58	3.8448	1.056	.139
EXPERIMENTAL	12	4.2500	.754	.218

Mean Difference = -.4052

Levene's Test for Equality of Variances: F= .392 P= .533

Variances	t-value	df	2-Tail Sig	SE of Diff	95% CI for Diff
	t-test for Equality of Means				

Equal	-1.26	68	.212	.321	(-1.047, .236)
Unequal	-1.57	21.08	.131	.258	(-.942, .132)

Variable	Number of Cases	Mean	SD	SE of Mean
II_3_B				
CONTROL GROUP	55	3.6000	.993	.134
EXPERIMENTAL	12	3.4167	1.084	.313

Mean Difference = .1833

Levene's Test for Equality of Variances: F= .126 P= .724

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	.57	65	.570	.321	(-.459, .825)
Unequal	.54	15.29	.598	.340	(-.542, .909)

t-tests for independent samples of STUDYGRP STUDY GROUP DESIGNATION

Variable	Number of Cases	Mean	SD	SE of Mean
II_3_C				
CONTROL GROUP	54	3.3889	1.123	.153
EXPERIMENTAL	12	3.4167	1.240	.358

Mean Difference = -.0278

Levene's Test for Equality of Variances: F= .359 P= .551

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	-.08	64	.940	.365	(-.757, .702)
Unequal	-.07	15.27	.944	.389	(-.858, .802)

Variable	Number of Cases	Mean	SD	SE of Mean
II_3_D				
CONTROL GROUP	54	3.4630	1.094	.149
EXPERIMENTAL	12	3.5000	1.000	.289

Mean Difference = -.0370

Levene's Test for Equality of Variances: F= .053 P= .818

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	-.11	64	.915	.344	(-.725, .651)
Unequal	-.11	17.37	.911	.325	(-.722, .648)

t-tests for independent samples of STUDYGRP STUDY GROUP DESIGNATION

Variable	Number of Cases	Mean	SD	SE of Mean
II_3_E				
CONTROL GROUP	50	3.5000	1.165	.165
EXPERIMENTAL	12	2.9167	1.379	.398

Mean Difference = .5833

Levene's Test for Equality of Variances: F= .500 P= .482

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	1.50	60	.138	.388	(-.193, 1.360)
Unequal	1.35	14.99	.196	.431	(-.335, 1.502)

Variable	Number of Cases	Mean	SD	SE of Mean
II_3_F				
CONTROL GROUP	53	3.3208	1.156	.159
EXPERIMENTAL	12	3.3333	985	.284

Mean Difference = -.0126

Levene's Test for Equality of Variances: F= .409 P= .525

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	-.03	63	.972	.361	(-.734, .708)
Unequal	-.04	18.56	.970	.326	(-.694, .669)

t-tests for independent samples of STUDYGRP STUDY GROUP DESIGNATION

Variable	Number of Cases	Mean	SD	SE of Mean
III_G1				
CONTROL GROUP	77	3.7792	1.166	.133
EXPERIMENTAL	12	4.0833	1.443	.417

Mean Difference = -.3041

Levene's Test for Equality of Variances: F= .558 P= .457

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	-.81	87	.418	.374	(-1.047, .439)
Unequal	-.70	13.33	.499	.437	(-1.249, .641)

Variable	Number of Cases	Mean	SD	SE of Mean
III_02				

CONTROL GROUP	77	4.4026	1.067	.122
EXPERIMENTAL	12	3.8333	1.193	.345

Mean Difference = .5693

Levene's Test for Equality of Variances: F= .009 P= .923

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	1.69	87	.094	.336	(-.099, 1.238)
Unequal	1.56	13.88	.142	.365	(-.215, 1.353)

t-tests for independent samples of STUDYGRP STUDY GROUP DESIGNATION

Variable	Number of Cases	Mean	SD	SE of Mean
III_03				
CONTROL GROUP	77	5.0130	1.141	.130
EXPERIMENTAL	12	5.0000	.853	.246

Mean Difference = .0130

Levene's Test for Equality of Variances: F= 1.211 P= .274

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	.04	87	970	.344	(-.671, .697)
Unequal	.05	17.80	.963	.278	(-.572, .598)

Variable	Number of Cases	Mean	SD	SE of Mean
III_04				
CONTROL GROUP	77	3.3247	1.261	.144
EXPERIMENTAL	12	3.9167	.996	.288

Mean Difference = -.5920

Levene's Test for Equality of Variances: F= 3.563 P= .062

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	-1.55	87	.125	.382	(-1.351, .167)
Unequal	-1.84	17.03	.083	.321	(-1.270, .086)

t-tests for independent samples of STUDYGRP STUDY GROUP DESIGNATION

Variable	Number of Cases	Mean	SD	SE of Mean
III_05				
CONTROL GROUP	77	3.7922	1.030	.117
EXPERIMENTAL	12	4.3333	1.073	.310

Mean Difference = -.5411

Levene's Test for Equality of Variances: F= .068 P= .794

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	-1.68	87	.096	.321	(-1.180, .098)
Unequal	-1.63	14.34	.124	.331	(-1.252, .170)

Variable	Number of Cases	Mean	SD	SE of Mean
III_06				
CONTROL GROUP	77	4.7013	1.247	.142
EXPERIMENTAL	12	4.8333	.835	.241

Mean Difference = -.1320

Levene's Test for Equality of Variances: F= 3.108 P= .081

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	-.35	87	.724	.373	(-.874, .610)
Unequal	-.47	19.63	.642	.280	(-.716, .452)

t-tests for independent samples of STUDXGRP STUDY GROUP DESIGNATION

Variable	Number of Cases	Mean	SD	SE of Mean
III_07				
CONTROL GROUP	77	4.6364	1.202	.137
EXPERIMENTAL	12	4.5833	.793	.229

Mean Difference = .0530

Levene's Test for Equality of Variances: F= 2.020 P= .159

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	.15	87	.883	.360	(-.662, .768)
Unequal	.20	19.92	.844	.267	(-.504, .610)

Variable	Number of Cases	Mean	SD	SE of Mean
III_08				
CONTROL GROUP	77	5.2078	.784	.089
EXPERIMENTAL	12	5.0833	.793	.229

Mean Difference = .1245

Levene's Test for Equality of Variances: F= .002 P= .967

Variances	t-test for Equality of Means t-value	df	2-Tail Sig	SE of Diff	95% CI for Diff
Equal	.51	87	.611	.244	(-.380, .609)
Unequal	.51	14.55	.620	.246	(-.399, .648)

t-tests for independent samples of STUDYGRP STUDY GROUP DESIGNATION

Variable	Number of Cases	Mean	SD	SE of Mean
III_09				
CONTROL GROUP	77	4.5974	1.055	.120
EXPERIMENTAL	12	4.6667	.778	.225

Mean Difference = -.0693

Levene's Test for Equality of Variances: F= 2.445 P= .122

Variances	t-test for Equality of Means t-value	df	2-Tail Sig	SE of Diff	95% CI for Diff
Equal	-.22	87	.828	.318	(-.701, .562)
Unequal	-.27	17.93	.789	.255	(-.605, .466)

Variable	Number of Cases	Mean	SD	SE of Mean
III_10				
CONTROL GROUP	77	5.4286	.696	.079
EXPERIMENTAL	12	5.2500	.754	.218

Mean Difference = .1786

Levene's Test for Equality of Variances: F= .025 P= .875

Variances	t-test for Equality of Means t-value	df	2-Tail Sig	SE of Diff	95% CI for Diff
Equal	.82	87	.416	.216	(-.256, .613)
Unequal	.77	14.08	.453	.232	(-.318, .675)

t-tests for independent samples of STUDYGRP STUDY GROUP DESIGNATION

Variable	Number of Cases	Mean	SD	SE of Mean
III_11				
CONTROL GROUP	77	3.0260	1.246	.142
EXPERIMENTAL	12	3.7500	1.357	.392

Mean Difference = -.7240

Levene's Test for Equality of Variances: F= .040 P= .842

Variances	t-test for Equality of Means t-value	df	2-Tail Sig	SE of Diff	95% CI for Diff
Equal	-1.85	87	.068	.391	(-1.502, .054)

Unequal	-1.74	14.05	.104	.417	(-1.618, .170)

Variable	Number of Cases	Mean	SD	SE of Mean
III_12				
CONTROL GROUP	77	3.5844	1.185	.135
EXPERIMENTAL	12	4.0833	1.165	.336

Mean Difference = -.4989

Levene's Test for Equality of Variances: F= .047 P= .830

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	-1.36	87	.177	.367	(-1.228, .231)
Unequal	-1.38	14.78	.189	.362	(-1.271, .273)

t-tests for independent samples of STUDYGRP STUDY GROUP DESIGNATION

Variable	Number of Cases	Mean	SD	SE of Mean
III_13				
CONTROL GROUP	77	4.1169	1.277	.146
EXPERIMENTAL	12	4.7500	.866	.250

Mean Difference = -.6331

Levene's Test for Equality of Variances: F= 2.278 P= .135

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	-1.65	87	.102	.383	(-1.394, .127)
Unequal	-2.19	19.40	.041	.289	(-1.239, -.028)

Variable	Number of Cases	Mean	SD	SE of Mean
III_14				
CONTROL GROUP	76	3.9605	1.026	.118
EXPERIMENTAL	12	4.1667	1.193	.345

Mean Difference = -.2061

Levene's Test for Equality of Variances: F= 1.139 P= .289

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	-.63	86	.528	.326	(-.854, .441)
Unequal	-.57	13.69	.580	.364	(-.987, .575)

t-tests for independent samples of STUDYGRP STUDY GROUP DESIGNATION

Variable	Number of Cases	Mean	SD	SE of Mean
III_15				
CONTROL GROUP	77	4.0649	1.162	.132
EXPERIMENTAL	12	4.3333	.888	.256

Mean Difference = -.2684

Levene's Test for Equality of Variances: F= .337 P= .563

t-test for Equality of Means Variances	t-value	df	2-Tail Sig	SE of Diff	95% CI for Diff
Equal	-.76	87	.447	.351	(-.966, .430)
Unequal	-.93	17.48	.365	.288	(-.877, .340)

Variable	Number of Cases	Mean	SD	SE of Mean
III_16				
CONTROL GROUP	76	4.0789	1.105	.127
EXPERIMENTAL	12	4.4167	.996	.288

Mean Difference = -.3377

Levene's Test for Equality of Variances: F= .026 P= .872

t-test for Equality of Means Variances	t-value	df	2-Tail Sig	SE of Diff	95% CI for Diff
Equal	-1.00	86	.322	.339	(-1.012, .336)
Unequal	-1.07	15.60	.299	.314	(-1.004, .329)

t-tests for independent samples of STUDYGRP STUDY GROUP DESIGNATION

Variable	Number of Cases	Mean	SD	SE of Mean
III_17				
CONTROL GROUP	75	4.0267	1.208	.139
EXPERIMENTAL	12	4.8333	.718	.207

Mean Difference = -.8067

Levene's Test for Equality of Variances: F= 1.882 P= .174

t-test for Equality of Means Variances	t-value	df	2-Tail Sig	SE of Diff	95% CI for Diff
Equal	-2.24	85	.027	.359	(-1.522, -.092)
Unequal	-3.23	22.54	.004	.250	(-1.323, -.290)

Variable	Number of Cases	Mean	SD	SE of Mean
III_18				
CONTROL GROUP	76	4.3289	1.088	.125

EXPERIMENTAL	12	4.5833	.900	.260

Mean Difference = -.2544

Levene's Test for Equality of Variances: F= .437 P= .510

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	-.77	86	.444	.331	(-.913, .404)
Unequal	-.88	16.53	.390	.288	(-.863, .354)

t-tests for independent samples of STUDYGRP STUDY GROUP DESIGNATION

Variable	Number of Cases	Mean	SD	SE of Mean
III_19				
CONTROL GROUP	71	4.1690	.971	.115
EXPERIMENTAL	12	4.2500	.754	.218

Mean Difference = -.0810

Levene's Test for Equality of Variances: F= .198 P= .657

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	-.27	81	.784	.295	(-.668, .506)
Unequal	-.33	17.81	.746	.246	(-.598, .436)

Variable	Number of Cases	Mean	SD	SE of Mean
III_20				
CONTROL GROUP	70	3.6143	1.243	.149
EXPERIMENTAL	12	3.0000	1.206	.348

Mean Difference = .6143

Levene's Test for Equality of Variances: F= .722 P= .398

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	1.59	80	.115	.387	(-.156, 1.384)
Unequal	1.62	15.29	.125	.379	(-.193, 1.421)

t-tests for independent samples of STUDYGRP STUDY GROUP DESIGNATION

Variable	Number of Cases	Mean	SD	SE of Mean
III_21				
CONTROL GROUP	69	4.3188	1.050	.126
EXPERIMENTAL	12	4.3333	.985	.284

Mean Difference = -.0145

Levene's Test for Equality of Variances: F= .017 P= .896

Variances	t-test for Equality of Means t-value	df	2-Tail Sig	SE of Diff	95% CI for Diff
Equal	-.04	79	.965	.326	(-.663, .634)
Unequal	-.05	15.68	.963	.311	(-.674, .645)

Variable	Number of Cases	Mean	SD	SE of Mean
III_22				
CONTROL GROUP	68	3.9412	1.170	.142
EXPERIMENTAL	12	3.5000	1.243	.359

Mean Difference = .4412

Levene's Test for Equality of Variances: F= .270 P= .605

Variances	t-test for Equality of Means t-value	df	2-Tail Sig	SE of Diff	95% CI for Diff
Equal	1.19	78	.236	.370	(-.295, 1.177)
Unequal	1.14	14.65	.271	.386	(-.382, 1.264)

t-tests for independent samples of STUDYGRP STUDY GROUP DESIGNATION

Variable	Number of Cases	Mean	SD	SE of Mean
III_23				
CONTROL GROUP	69	3.9130	1.337	.161
EXPERIMENTAL	12	3.9167	1.240	.358

Mean Difference = -.0036

Levene's Test for Equality of Variances: F= .287 P= .594

Variances	t-test for Equality of Means t-value	df	2-Tail Sig	SE of Diff	95% CI for Diff
Equal	-.01	79	.993	.414	(-.828, .821)
Unequal	-.01	15.79	.993	.392	(-.836, .829)

Variable	Number of Cases	Mean	SD	SE of Mean
III_24				
CONTROL GROUP	65	4.9846	1.023	.127
EXPERIMENTAL	12	5.3333	.651	.188

Mean Difference = -.3487

Levene's Test for Equality of Variances: F= 1.054 P= .308

Variances	t-test for Equality of Means t-value	df	2-Tail Sig	SE of Diff	95% CI for Diff

Equal	-1.14	75	.260	.307	(-.961, .263)
Unequal	-1.54	22.50	.138	.227	(-.819, .122)

t-tests for independent samples of STUDYGRP STUDY GROUP DESIGNATION

Variable	Number of Cases	Mean	SD	SE of Mean
III_25				
CONTROL GROUP	64	2.7969	1.299	.162
EXPERIMENTAL	12	2.5833	1.240	.358

Mean Difference = .2135

Levene's Test for Equality of Variances: F= .104 P= .747

	t-test for Equality of Means				95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	.53	74	.601	.406	(-.596, 1.023)
Unequal	.54	15.88	.595	.393	(-.620, 1.047)

Variable	Number of Cases	Mean	SD	SE of Mean
III_26				
CONTROL GROUP	74	5.5270	.667	.078
EXPERIMENTAL	12	5.5833	.669	.193

Mean Difference = -.0563

Levene's Test for Equality of Variances: F= .113 P= .737

	t-test for Equality of Means				95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	-.27	84	.787	.208	(-.469, .357)
Unequal	-.27	14.78	.790	.208	(-.500, .387)

t-tests for independent samples of STUDYGRP STUDY GROUP DESIGNATION

Variable	Number of Cases	Mean	SD	SE of Mean
III_27				
CONTROL GROUP	75	4.8800	.854	.099
EXPERIMENTAL	12	5.3333	.651	.188

Mean Difference = -.4533

Levene's Test for Equality of Variances: F= .831 P= .365

	t-test for Equality of Means				95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	-1.76	85	.083	.258	(-.967, .060)
Unequal	-2.14	17.68	.047	.212	(-.899, -.007)

Variable	Number of Cases	Mean	SD	SE of Mean
III_28				
CONTROL GROUP	64	5.0000	.926	.116
EXPERIMENTAL	12	3.3333	1.614	.466

Mean Difference = 1.6667

Levene's Test for Equality of Variances: F= 12.560 P= .001

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	5.01	74	.000	.332	(1.004, 2.329)
Unequal	3.47	12.39	.004	.480	(.620, 2.713)

t-tests for independent samples of STUDYGRP STUDY GROUP DESIGNATION

Variable	Number of Cases	Mean	SD	SE of Mean
III_29				
CONTROL GROUP	65	3.6615	1.108	.137
EXPERIMENTAL	12	3.2500	1.712	.494

Mean Difference = .4115

Levene's Test for Equality of Variances: F= 10.636 P= .002

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	1.08	75	.285	.382	(-.349, 1.172)
Unequal	.80	12.75	.437	.513	(-.697, 1.520)

Variable	Number of Cases	Mean	SD	SE of Mean
III_20				
CONTROL GROUP	77	5.4156	.833	.095
EXPERIMENTAL	12	2.6667	1.497	.432

Mean Difference = 2.7489

Levene's Test for Equality of Variances: F= 8.452 P= .005

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	9.39	87	.000	.293	(2.167, 3.331)
Unequal	6.21	12.08	.000	.443	(1.784, 3.713)

t-tests for independent samples of STUDYGRP STUDY GROUP DESIGNATION

Variable	Number of Cases	Mean	SD	SE of Mean

Variable	Number of Cases	Mean	SD	SE of Mean
III_31				
CONTROL GROUP	76	4.3158	1.073	.123
EXPERIMENTAL	12	4.0833	.669	.193

Mean Difference = .2325

Levene's Test for Equality of Variances: F= 4.306 P= .041

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	.73	86	.470	.320	(-.404, .869)
Unequal	1.02	21.26	.321	.229	(-.244, .709)

Variable	Number of Cases	Mean	SD	SE of Mean
III_32				
CONTROL GROUP	76	4.3158	1.157	.133
EXPERIMENTAL	12	4.4167	.900	.260

Mean Difference = -.1009

Levens's Test for Equality of Variances: F= 1.469 P= .229

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	-.29	86	.774	.350	(-.797, .596)
Unequal	-.35	17.31	.734	.292	(-.717, .515)

t-tests for independent samples of STUDYGRP STUDY GROUP DESIGNATION

Variable	Number of Cases	Mean	SD	SE of Mean
III_33				
CONTROL GROUP	76	3.0658	1.500	.172
EXPERIMENTAL	12	3.1667	1.115	.322

Mean Difference = -.1009

Levene's Test for Equality of Variances: F= 2.181 P= .143

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	-.22	86	.824	.452	(-1.000, .798)
Unequal	-.28	17.97	.785	.365	(-.868, .666)

Variable	Number of Cases	Mean	SD	SE of Mean
III_34				
CONTROL GROUP	67	4.4925	1.341	.164
EXPERIMENTAL	12	4.7500	1.055	.305

Mean Difference = -.2575

Levene's Test for Equality of Variances: F= .788 P= .377

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	-.63	77	.531	.409	(-1.072, .557)
Unequal	-.74	18.04	.466	.346	(-.984, .469)

t-tests for independent samples of STUDYGRP STUDY GROUP DESIGNATION

Variable	Number of Cases	Mean	SD	SE of Mean
III_35				
CONTROL GROUP	61	3.9016	1.350	.173
EXPERIMENTAL	12	4.4167	.996	.288

Mean Difference = -.5150

Levene's Test for Equality of Variances: F= .875 P= .353

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	-1.25	71	.214	.411	(-1.335, .305)
Unequal	-1.53	19.91	.141	.336	(-1.215, .185)

Variable	Number of Cases	Mean	SD	SE of Mean
III_36				
CONTROL GROUP	70	4.0714	.890	.106
EXPERIMENTAL	12	4.5833	.996	.288

Mean Difference = -.5119

Levene's Test for Equality of Variances: F= 1.094 P= .299

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	-1.81	80	.074	.283	(-1.075, .051)
Unequal	-1.67	14.17	.117	.307	(-1.170, .146)

t-tests for independent samples of STUDYGRP STUDY GROUP DESIGNATION

Variable	Number of Cases	Mean	SD	SE of Mean
III_37				
CONTROL GROUP	65	4.1692	1.054	.131
EXPERIMENTAL	12	4.0833	.996	.288

Mean Difference = .0859

Levene's Test for Equality of Variances: F= .059 P= .809

Variances	t-value	df	2-Tail Sig	SE of Diff	95% CI for Diff
	t-test for Equality of Means				
Equal	.26	75	.795	.329	(-.569, .741)
Unequal	.27	15.90	.789	.316	(-.584, .756)

Variable	Number of Cases	Mean	SD	SE of Mean
III_38				
CONTROL GROUP	68	3.3529	1.380	.167
EXPERIMENTAL	12	2.6667	.985	.284

Mean Difference = .6863

Levene's Test for Equality of Variances: F= 3.169 P= .079

Variances	t-value	df	2-Tail Sig	SE of Diff	95% CI for Diff
	t-test for Equality of Means				
Equal	1.65	78	.104	.417	(-.144, 1.516)
Unequal	2.08	19.56	.051	.330	(-.002, 1.374)

t-tests for independent samples of STUDYGRP STUDY GROUP DESIGNATION

Variable	Number of Cases	Mean	SD	SE of Mean
III_39				
CONTROL GROUP	76	4.1316	1.075	.123
EXPERIMENTAL	12	4.8333	.577	.167

Mean Difference = -.7018

Levene's Test for Equality of Variances: F= 3.922 P= .051

Variances	t-value	df	2-Tail Sig	SE of Diff	95% CI for Diff
	t-test for Equality of Means				
Equal	-2.20	86	.030	.318	(-1.335, -.069)
Unequal	-3.36	25.23	.002	.207	(-1.129, -.275)

Variable	Number of Cases	Mean	SD	SE of Mean
III_40				
CONTROL GROUP	75	4.1067	1.047	.121
EXPERIMENTAL	12	3.5000	.905	.261

Mean Difference = .6067

Levene's Test for Equality of Variances: F= .009 P= .925

Variances	t-value	df	2-Tail Sig	SE of Diff	95% CI for Diff
	t-test for Equality of Means				
Equal	1.89	85	.062	.320	(-.030, 1.243)

Unequal	2.11	16.11	.051	.288	(-.003, 1.217)

t-tests for independent samples of STUDYGRP STUDY GROUP DESIGNATION

Variable	Number of Cases	Mean	SD	SE of Mean
III_41				
CONTROL GROUP	76	4.1184	.993	.114
EXPERIMENTAL	12	4.7500	.622	.179

Mean Difference = -.6316

Levene's Test for Equality of Variances: F= 1.438 P= .234

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	-2.13	86	.036	.296	(-1.220, -.043)
Unequal	-2.97	21.14	.007	.213	(-1.074, -.189)

Variable	Number of Cases	Mean	SD	SE of Mean
V_1				
CONTROL GROUP	73	3.8493	.794	.093
EXPERIMENTAL	11	4.5455	.820	.247

Mean Difference = -.6961

Levene's Test for Equality of Variances: F= .476 P= .492

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	-2.70	82	.008	.258	(-1.209, -.183)
Unequal	-2.64	12.98	.021	.264	(-1.267, -.125)

t-tests for independent samples of STUDYGRP STUDY GROUP DESIGNATION

Variable	Number of Cases	Mean	SD	SE of Mean
V_2				
CONTROL GROUP	73	3.9178	.939	.110
EXPERIMENTAL	11	4.5455	.688	.207

Mean Difference = -.6276

Levene's Test for Equality of Variances: F= .000 P= .997

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	-2.13	82	.036	.295	(-1.215, -.041)
Unequal	-2.67	16.24	.016	.235	(-1.125, -.130)

Variable	Number of Cases	Mean	SD	SE of Mean
V_3				
CONTROL GROUP	73	3.9315	1.097	.128
EXPERIMENTAL	11	4.1818	.874	.263

Mean Difference = -.2503

Levene's Test for Equality of Variances: F= .030 P= .863

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	-.72	82	.473	.347	(-.940, .440)
Unequal	-.85	15.19	.406	.293	(-.875, .375)

t-tests for independent samples of STUDYGRP STUDY GROUP DESIGNATION

Variable	Number of Cases	Mean	SD	SE of Mean
V_4				
CONTROL GROUP	73	4.0822	1.090	.128
EXPERIMENTAL	11	4.3636	.809	.244

Mean Difference = -.2814

Levene's Test for Equality of Variances: F= .091 P= .764

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	-.82	82	.414	.343	(-.963, .400)
Unequal	-1.02	16.05	.322	.275	(-.865, .302)

Variable	Number of Cases	Mean	SD	SE of Mean
V_5				
CONTROL GROUP	72	4.0833	.915	.108
EXPERIMENTAL	11	4.1818	.603	.182

Mean Difference = -.0985

Levene's Test for Equality of Variances: F= .966 P= .329

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	-.34	81	.731	.286	(-.667, .470)
Unequal	-.47	17.97	.647	.211	(-.543, .346)

t-tests for independent samples of STUDYGRP STUDY GROUP DESIGNATION

Variable	Number of Cases	Mean	SD	SE of Mean
V_6				

CONTROL GROUP	73	4.0548	.880	.103
EXPERIMENTAL	11	4.0909	.539	.163

Mean Difference = -.0361

Levene's Test for Equality of Variances: F= 1.370 P= .245

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	-.13	82	.895	.274	(-.581, .503)
Unequal	-.19	19.21	.853	.193	(-.439, .367)

Variable	Number of Cases	Mean	SD	SE of Mean
SUM1				
CONTROL GROUP	75	24.9067	5.910	.682
EXPERIMENTAL	12	26.4167	4.166	1.203

Mean Difference = -1.5100

Levene's Test for Equality of Variances: F= 1.774 P= .186

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	-.85	85	.398	1.777	(-5.043, 2.023)
Unequal	-1.09	18.93	.289	1.383	(-4.405, 1.385)

t-tests for independent samples of STUDYGRP STUDY GROUP DESIGNATION

Variable	Number of Cases	Mean	SD	SE of Mean
SUM2				
CONTROL GROUP	73	20.6164	6.909	.809
EXPERIMENTAL	12	20.4167	5.107	1.474

Mean Difference = .1998

Levene's Test for Equality of Variances: F= 1.199 P= .277

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	.10	83	.924	2.087	(-3.951, 4.351)
Unequal	.12	18.36	.907	1.682	(-3.334, 3.733)

Variable	Number of Cases	Mean	SD	SE of Mean
SUM3				
CONTROL GROUP	74	20.9865	5.797	.674
EXPERIMENTAL	12	20.8333	4.303	1.242

Mean Difference = .1532

Levene's Test for Equality of Variances: F= 1.648 P= .203

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	.09	84	.930	1.750	(-3.328, 3.634)
Unequal	.11	18.19	.915	1.413	(-2.817, 3.123)

t-tests for independent samples of STUDYGRP STUDY GROUP DESIGNATION

Variable	Number of Cases	Mean	SD	SE of Mean
SUM4				
CONTROL GROUP	72	66.4028	15.452	1.821
EXPERIMENTAL	12	67.6667	8.835	2.551

Mean Difference = -1.2639

Levene's Test for Equality of Variances: F= 3.392 P= .069

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	-.28	82	.784	4.595	(-10.408, 7.880)
Unequal	-.40	24.10	.690	3.134	(-7.734, 5.206)

Variable	Number of Cases	Mean	SD	SE of Mean
SUM5				
CONTROL GROUP	77	172.3506	21.581	2.459
EXPERIMENTAL	12	173.8333	17.735	5.120

Mean Difference = -1.4827

Levene's Test for Equality of Variances: F= .957 P= .331

t-test for Equality of Means					95%
Variances	t-value	df	2-Tail Sig	SE of Diff	CI for Diff
Equal	-.23	87	.822	6.559	(-14.522, 11.557)
Unequal	-.26	16.54	.797	5.880	(-13.469, 10.503)

t-tests for independent samples of STUDYGRP STUDY GROUP DESIGNATION

Variable	Number of Cases	Mean	SD	SE of Mean
SUM6				
CONTROL GROUP	73	23.9041	4.825	.565
EXPERIMENTAL	12	25.9091	3.239	.977

Mean Difference = -2.0050

Levene's Test for Equality of Variances: F= .715 P= .400

Variances	t-test for Equality of Means t-value	df	2-Tail Sig	SE of Diff	95% CI for Diff
Equal	-1.33	82	.187	1.507	(-5.004, .994)
Unequal	-1.78	17.53	.093	1.128	(-4.376, .366)

Variable	Number of Cases	Mean	SD	SE of Mean
SUM7				
CONTROL GROUP	69	264.4783	30.061	3.619
EXPERIMENTAL	11	264.9091	23.032	6.945

Mean Difference = -.4308

Levene's Test for Equality of Variances: F= 1.458 P= .231

Variances	t-test for Equality of Means t-value	df	2-Tail Sig	SE of Diff	95% CI for Diff
Equal	-.05	78	.964	9.498	(-19.343, 18.482)
Unequal	-.06	16.00	.957	7.831	(-17.036, 16.174)

APPENDIX 8

Mann - Whitney

U - Wilcoxon Rank

Sum W Test

```
- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

    II 1 A
  by STUDYGRP  STUDY GROUP DESIGNATION

    Mean Rank    Cases

        35.34       62  STUDYGRP = 1  CONTROL GROUP
        48.67       12  STUDYGRP = 2  EXPERIMENTAL
                    --
                    74  Total

                                      Corrected for ties
          U              W              Z       2-Tailed P
        238.0          584.0        -2.0893       .0367

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

    II 1 B
  by STUDYGRP  STUDY GROUP DESIGNATION

    Mean Rank    Cases

        33.75       57  STUDYGRP = 1  CONTROL GROUP
        38.36       11  STUDYGRP = 2  EXPERIMENTAL
                    --
                    68  Total

                                      Corrected for ties
          U              W              Z       2-Tailed P
        271.0          422.0         -.7473       .4549

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

    II 1 C
  by STUDYGRP  STUDY GROUP DESIGNATION

    Mean Rank    Cases

        35.05       58  STUDYGRP = 1  CONTROL GROUP
        37.67       12  STUDYGRP = 2  EXPERIMENTAL
                    --
                    70  Total

                                      Corrected for ties
          U              W              Z       2-Tailed P
        322.0          452.0         -.4234       .6720

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

    II 1 D
  by STUDYGRP  STUDY GROUP DESIGNATION

    Mean Rank    Cases

        34.25       56  STUDYGRP = 1  CONTROL GROUP
        35.67       12  STUDYGRP = 2  EXPERIMENTAL
                    --
                    68  Total
```

U	W	Corrected for ties Z	2-Tailed P
322.0	428.0	-.2371	.8125

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

II 1 E
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
32.50	52	STUDYGRP = 1 CONTROL GROUP
32.50	12	STUDYGRP = 2 EXPERIMENTAL
	64	Total

U	W	Corrected for ties Z	2-Tailed P
312.0	390.0	.0000	1.0000

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

II 1 F
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
30.00	52	STUDYGRP = 1 CONTROL GROUP
43.33	12	STUDYGRP = 2 EXPERIMENTAL
	64	Total

U	W	Corrected for ties Z	2-Tailed P
182.0	520.0	-2.3250	.0201

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

II 2 A
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
35.09	58	STUDYGRP = 1 CONTROL GROUP
37.46	12	STUDYGRP = 2 EXPERIMENTAL
	70	Total

U	W	Corrected for ties Z	2-Tailed P
324.5	449.5	-.3872	.6985

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

II 2 B
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
34.24	54	STUDYGRP = 1 CONTROL GROUP
30.17	12	STUDYGRP = 2 EXPERIMENTAL
	66	Total

U	W	Corrected for ties Z	2-Tailed P
284.0	362.0	-.6866	.4923

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

II 2 C
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
32.80	54	STUDYGRP = 1 CONTROL GROUP
36.67	12	STUDYGRP = 2 EXPERIMENTAL
	--	
	66	Total

U	W	Corrected for ties Z	2-Tailed P
286.0	440.0	-.6750	.4997

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

II 2 D
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
33.68	53	STUDYGRP = 1 CONTROL GROUP
30.00	12	STUDYGRP = 2 EXPERIMENTAL
	--	
	65	Total

U	W	Corrected for ties Z	2-Tailed P
282.0	360.0	-.6295	.5290

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

II 2 E
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
31.66	48	STUDYGRP = 1 CONTROL GROUP
25.88	12	STUDYGRP = 2 EXPERIMENTAL
	--	
	60	Total

U	W	Corrected for ties Z	2-Tailed P
232.5	310.5	-1.0631	.2877

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

II 2 F
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
32.40	52	STUDYGRP = 1 CONTROL GROUP
32.92	12	STUDYGRP = 2 EXPERIMENTAL
	--	
	64	Total

U	W	Corrected for ties Z	2-Tailed P
307.0	395.0	-.0896	.9286

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

II 3 A
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
33.99	58	STUDYGRP = 1 CONTROL GROUP
42.79	12	STUDYGRP = 2 EXPERIMENTAL
	--	
	70	Total

U	W	Corrected for ties Z	2-Tailed P
260.5	513.5	-1.4505	.1469

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

II 3 B
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
34.58	55	STUDYGRP = 1 CONTROL GROUP
31.33	12	STUDYGRP = 2 EXPERIMENTAL
	--	
	67	Total

U	W	Corrected for ties Z	2-Tailed P
298.0	376.0	-.5695	.5690

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

II 3 C
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
33.17	54	STUDYGRP = 1 CONTROL GROUP
35.00	12	STUDYGRP = 2 EXPERIMENTAL
	--	
	66	Total

U	W	Corrected for ties Z	2-Tailed P
30[illegible] 0	420.0	-.3135	.7539

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

II 3 D
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
33.42	54	STUDYGRP = 1 CONTROL GROUP
33.88	12	STUDYGRP = 2 EXPERIMENTAL
	--	
	66	Total

U	W	Corrected for ties Z	2-Tailed P
319.5	406.5	-.0810	.9354

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

II 3 Z
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
32.86	50	STUDYGRP = 1 CONTROL GROUP
25.83	12	STUDYGRP = 2 EXPERIMENTAL
	62	Total

U	W	Corrected for ties Z	2-Tailed P
232.0	310.0	-1.2601	.2076

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

II 3 F
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
33.12	53	STUDYGRP = 1 CONTROL GROUP
32.46	12	STUDYGRP = 2 EXPERIMENTAL
	65	Total

U	W	Corrected for ties Z	2-Tailed P
311.5	389.5	-.1173	.9066

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

III 01
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
44.17	77	STUDYGRP = 1 CONTROL GROUP
50.33	12	STUDYGRP = 2 EXPERIMENTAL
	89	Total

U	W	Corrected for ties Z	2-Tailed P
398.0	604.0	-.7978	.4250

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

III 02
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
46.79	77	STUDYGRP = 1 CONTROL GROUP
33.54	12	STUDYGRP = 2 EXPERIMENTAL
	89	Total

U	W	Corrected for ties Z	2-Tailed P
324.5	402.5	-1.7292	.0838

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

III 03
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
45.42	77	STUDYGRP = 1 CONTROL GROUP
42.33	12	STUDYGRP = 2 EXPERIMENTAL
	89	Total

U	W	Corrected for ties Z	2-Tailed P
430.0	508.0	-.4078	.6834

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

III 04
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
43.23	77	STUDYGRP = 1 CONTROL GROUP
56.38	12	STUDYGRP = 2 EXPERIMENTAL
	89	Total

U	W	Corrected for ties Z	2-Tailed P
325.5	675.5	-1.7018	.0888

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

III 05
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
43.19	77	STUDYGRP = 1 CONTROL GROUP
56.63	12	STUDYGRP = 2 EXPERIMENTAL
	89	Total

U	W	Corrected for ties Z	2-Tailed P
322.5	679.5	-1.7728	.0763

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

III 06
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
45.00	77	STUDYGRP = 1 CONTROL GROUP
45.00	12	STUDYGRP = 2 EXPERIMENTAL
	89	Total

U	W	Corrected for ties Z	2-Tailed P
462.0	540.0	.0000	1.0000

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

III 07
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
45.60	77	STUDYGRP = 1 CONTROL GROUP
41.17	12	STUDYGRP = 2 EXPERIMENTAL
	89	Total

U	W	Corrected for ties Z	2-Tailed P
416.0	494.0	-.5788	.5627

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

III 08
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
45.62	77	STUDYGRP = 1 CONTROL GROUP
41.00	12	STUDYGRP = 2 EXPERIMENTAL
	89	Total

U	W	Corrected for ties Z	2-Tailed P
414.0	492.0	-.6274	.5304

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

III 09
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
44.95	77	STUDYGRP = 1 CONTROL GROUP
45.29	12	STUDYGRP = 2 EXPERIMENTAL
	89	Total

U	W	Corrected for ties Z	2-Tailed P
458.5	543.5	-.0444	.9646

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

III 10
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
45.83	77	STUDYGRP = 1 CONTROL GROUP
39.67	12	STUDYGRP = 2 EXPERIMENTAL
	89	Total

U	W	Corrected for ties Z	2-Tailed P
398.0	476.0	-.8566	.3917

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

III 11
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
43.17	77	STUDYGRP = 1 CONTROL GROUP
56.75	12	STUDYGRP = 2 EXPERIMENTAL
	89	Total

U	W	Corrected for ties Z	2-Tailed P
321.0	681.0	-1.7418	.0815

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

III 12
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
43.68	77	STUDYGRP = 1 CONTROL GROUP
53.46	12	STUDYGRP = 2 EXPERIMENTAL
	89	Total

U	W	Corrected for ties Z	2-Tailed P
360.5	641.5	-1.2671	.2051

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

III 13
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
43.34	77	STUDYGRP = 1 CONTROL GROUP
55.67	12	STUDYGRP = 2 EXPERIMENTAL
	89	Total

U	W	Corrected for ties Z	2-Tailed P
334.0	668.0	-1.5937	.1110

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

III 14
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
43.47	76	STUDYGRP = 1 CONTROL GROUP
51.04	12	STUDYGRP = 2 EXPERIMENTAL
	88	Total

U	W	Corrected for ties Z	2-Tailed P
377.5	612.5	-1.0066	.3141

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

III 15
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
44.49	77	STUDYGRP = 1 CONTROL GROUP
48.29	12	STUDYGRP = 2 EXPERIMENTAL
	--	
	89	Total

U	W	Corrected for ties Z	2-Tailed P
422.5	579.5	-.4982	.6184

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

III 16
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
43.81	76	STUDYGRP = 1 CONTROL GROUP
48.88	12	STUDYGRP = 2 EXPERIMENTAL
	--	
	88	Total

U	W	Corrected for ties Z	2-Tailed P
403.5	586.5	-.6755	.4994

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

III 17
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
41.67	75	STUDYGRP = 1 CONTROL GROUP
58.58	12	STUDYGRP = 2 EXPERIMENTAL
	--	
	87	Total

U	W	Corrected for ties Z	2-Tailed P
275.0	703.0	-2.2522	.0243

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

III 18
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
43.65	76	STUDYGRP = 1 CONTROL GROUP
49.88	12	STUDYGRP = 2 EXPERIMENTAL
	--	
	88	Total

U	W	Corrected for ties Z	2-Tailed P
391.5	598.5	-.8247	.4095

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

III 19
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
41.89	71	STUDYGRP = 1 CONTROL GROUP
42.63	12	STUDYGRP = 2 EXPERIMENTAL
	83	Total

U	W	Corrected for ties Z	2-Tailed P
418.5	511.5	-.1044	.9168

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

III 20
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
43.12	70	STUDYGRP = 1 CONTROL GROUP
32.04	12	STUDYGRP = 2 EXPERIMENTAL
	82	Total

U	W	Corrected for ties Z	2-Tailed P
306.5	384.5	-1.5362	.1245

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

III 21
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
41.16	69	STUDYGRP = 1 CONTROL GROUP
40.08	12	STUDYGRP = 2 EXPERIMENTAL
	81	Total

U	W	Corrected for ties Z	2-Tailed P
403.0	481.0	-.1562	.8759

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

III 22
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
41.71	68	STUDYGRP = 1 CONTROL GROUP
33.63	12	STUDYGRP = 2 EXPERIMENTAL
	80	Total

U	W	Corrected for ties Z	2-Tailed P
325.5	403.5	-1.1535	.2487

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

III 23
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
41.02	69	STUDYGRP = 1 CONTROL GROUP
40.88	12	STUDYGRP = 2 EXPERIMENTAL
	--	
	81	Total

U	W	Corrected for ties Z	2-Tailed P
412.5	490.5	-.0206	.9835

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

III 24
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
38.02	65	STUDYGRP = 1 CONTROL GROUP
44.29	12	STUDYGRP = 2 EXPERIMENTAL
	--	
	77	Total

U	W	Corrected for ties Z	2-Tailed P
326.5	531.5	-.9468	.3437

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

III 25
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
39.04	64	STUDYGRP = 1 CONTROL GROUP
35.63	12	STUDYGRP = 2 EXPERIMENTAL
	--	
	76	Total

U	W	Corrected for ties Z	2-Tailed P
349.5	427.5	-.5072	.6120

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

III 26
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
43.23	74	STUDYGRP = 1 CONTROL GROUP
45.17	12	STUDYGRP = 2 EXPERIMENTAL
	--	
	86	Total

U	W	Corrected for ties Z	2-Tailed P
424.0	542.0	-.2917	.7705

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

III 27
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
42.23	75	STUDYGRP = 1 CONTROL GROUP
55.04	12	STUDYGRP = 2 EXPERIMENTAL
	--	
	87	Total

U	W	Corrected for ties Z	2-Tailed P
317.5	660.5	-1.7286	.0839

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

III 28
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
42.33	64	STUDYGRP = 1 CONTROL GROUP
18.08	12	STUDYGRP = 2 EXPERIMENTAL
	--	
	76	Total

U	W	Corrected for ties Z	2-Tailed P
139.0	217.0	-3.6662	.0002

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

III 29
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
39.51	65	STUDYGRP = 1 CONTROL GROUP
36.25	12	STUDYGRP = 2 EXPERIMENTAL
	--	
	77	Total

U	W	Corrected for ties Z	2-Tailed P
357.0	435.0	-.4785	.6323

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

III 30
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
50.06	77	STUDYGRP = 1 CONTROL GROUP
12.50	12	STUDYGRP = 2 EXPERIMENTAL
	--	
	89	Total

U	W	Corrected for ties Z	2-Tailed P
72.0	150.0	-5.0721	.0000

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

III 31
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
45.49	76	STUDYGRP = 1 CONTROL GROUP
38.25	12	STUDYGRP = 2 EXPERIMENTAL
	--	
	88	Total

U	W	Corrected for ties Z	2-Tailed P
381.0	459.0	-.9603	.3369

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

III 32
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
44.62	76	STUDYGRP = 1 CONTROL GROUP
43.75	12	STUDYGRP = 2 EXPERIMENTAL
	--	
	88	Total

U	W	Corrected for ties Z	2-Tailed P
447.0	525.0	-.1141	.9091

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

III 33
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
44.15	76	STUDYGRP = 1 CONTROL GROUP
46.71	12	STUDYGRP = 2 EXPERIMENTAL
	--	
	88	Total

U	W	Corrected for ties Z	2-Tailed P
429.5	560.5	-.3289	.7422

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

III 34
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
39.54	67	STUDYGRP = [illegible] GR[illegible]
42.58	12	STUDYGRP [illegible] [illegible]MENTAL
	--	
	79	Total

U	W	Corrected for ties Z	2-Tailed P
371.0	511.0	-.4409	.6593

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

III 35
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
35.94	61	STUDYGRP = 1 CONTROL GROUP
42.38	12	STUDYGRP = 2 EXPERIMENTAL
	73	Total

U	W	Corrected for ties Z	2-Tailed P
301.5	508.5	-.9921	.3211

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

III 36
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
39.74	70	STUDYGRP = 1 CONTROL GROUP
51.79	12	STUDYGRP = 2 EXPERIMENTAL
	82	Total

U	W	Corrected for ties Z	2-Tailed P
296.5	621.5	-1.7373	.0823

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

III 37
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
39.61	65	STUDYGRP = 1 CONTROL GROUP
35.71	12	STUDYGRP = 2 EXPERIMENTAL
	77	Total

U	W	Corrected for ties Z	2-Tailed P
350.5	428.5	-.5998	.5487

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

III 38
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
42.19	68	STUDYGRP = 1 CONTROL GROUP
30.92	12	STUDYGRP = 2 EXPERIMENTAL
	80	Total

U	W	Corrected for ties Z	2-Tailed P
293.0	371.0	-1.5853	.1129

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

III 39
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
42.10	76	STUDYGRP = 1 CONTROL GROUP
59.71	12	STUDYGRP = 2 EXPERIMENTAL
	--	
	88	Total

U	W	Corrected for ties Z	2-Tailed P
273.5	716.5	-2.3325	.0197

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

III 40
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
46.13	75	STUDYGRP = 1 CONTROL GROUP
30.71	12	STUDYGRP = 2 EXPERIMENTAL
	--	
	87	Total

U	W	Corrected for ties Z	2-Tailed P
290.5	368.5	-2.0965	.0360

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

III 41
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
42.20	76	STUDYGRP = 1 CONTROL GROUP
59.08	12	STUDYGRP = 2 EXPERIMENTAL
	--	
	88	Total

U	W	Corrected for ties Z	2-Tailed P
281.0	709.0	-2.2555	.0241

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

V 1
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
40.07	73	STUDYGRP = 1 CONTROL GROUP
58.64	11	STUDYGRP = 2 EXPERIMENTAL
	--	
	84	Total

U	W	Corrected for ties Z	2-Tailed P
224.0	645.0	-2.6265	.0086

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

V 2
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
40.40	73	STUDYGRP = 1 CONTROL GROUP
56.41	11	STUDYGRP = 2 EXPERIMENTAL
	84	Total

U	W	Corrected for ties Z	2-Tailed P
248.5	620.5	-2.2774	.0228

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

V 3
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
41.84	73	STUDYGRP = 1 CONTROL GROUP
46.86	11	STUDYGRP = 2 EXPERIMENTAL
	84	Total

U	W	Corrected for ties Z	2-Tailed P
353.5	515.5	-.6696	.5031

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

V 4
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
41.63	73	STUDYGRP = 1 CONTROL GROUP
48.27	11	STUDYGRP = 2 EXPERIMENTAL
	84	Total

U	W	Corrected for ties Z	2-Tailed P
338.0	531.0	-.8904	.3732

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

V 5
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
41.74	72	STUDYGRP = 1 CONTROL GROUP
43.73	11	STUDYGRP = 2 EXPERIMENTAL
	83	Total

U	W	Corrected for ties Z	2-Tailed P
377.0	481.0	-.2771	.7817

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

V 6
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
42.57	73	STUDYGRP = 1 CONTROL GROUP
42.05	11	STUDYGRP = 2 EXPERIMENTAL
	--	
	84	Total

U	W	Corrected for ties Z	2-Tailed P
396.5	462.5	-.0742	.9408

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

SUM1
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
42.94	75	STUDYGRP = 1 CONTROL GROUP
50.63	12	STUDYGRP = 2 EXPERIMENTAL
	--	
	87	Total

U	W	Corrected for ties Z	2-Tailed P
370.5	607.5	-.9851	.3246

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

SUM2
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
43.16	73	STUDYGRP = 1 CONTROL GROUP
42.00	12	STUDYGRP = 2 EXPERIMENTAL
	--	
	85	Total

U	W	Corrected for ties Z	2-Tailed P
426.0	504.0	-.1533	.8782

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

SUM3
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
44.19	74	STUDYGRP = 1 CONTROL GROUP
39.25	12	STUDYGRP = 2 EXPERIMENTAL
	--	
	86	Total

U	W	Corrected for ties Z	2-Tailed P
393.0	471.0	-.6464	.5180

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

SUM4
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
42.24	72	STUDYGRP = 1 CONTROL GROUP
44.08	12	STUDYGRP = 2 EXPERIMENTAL
	84	Total

U	W	Corrected for ties Z	2-Tailed P
413.0	529.0	-.2433	.8077

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

SUM5
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
44.78	77	STUDYGRP = 1 CONTROL GROUP
46.42	12	STUDYGRP = 2 EXPERIMENTAL
	89	Total

U	W	Corrected for ties Z	2-Tailed P
445.0	557.0	-.2043	.8382

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

SUM6
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
41.19	73	STUDYGRP = 1 CONTROL GROUP
51.18	11	STUDYGRP = 2 EXPERIMENTAL
	84	Total

U	W	Corrected for ties Z	2-Tailed P
306.0	563.0	-1.2777	.2013

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

SUM7
by STUDYGRP STUDY GROUP DESIGNATION

Mean Rank	Cases	
40.40	69	STUDYGRP = 1 CONTROL GROUP
41.14	11	STUDYGRP = 2 EXPERIMENTAL
	80	Total

APPENDIX 9

Demographic

Data Set

CASE	AGE	ZIP	DATE SUR	HS NAME	HSCITY	HS ST	AMC YRS	TECHSCHN	TECHSCHS
1	22	03458	11/07/92	CONVAL	PETERBOROU	NH	0		
2	20	04736	07/11/92	CARIBOU HIGH	CARIBOU	ME	2		
3	19	03104	07/27/92	MEMORIAL HS	MANCHASTER	NH	2		
4	19	04955	02/13/92	MT BLUE HS	FARMINGTON	ME	0		
5	19	04240	09/21/92	LEWISTON HS	LEWISTON	ME	2		
6	19	04974	07/27/92	SEASPORT DIST H	SEASPORT	ME	0		
7	19	04747	09/05/92	FT FAIRFIELD	FT FAIRFIE	ME	3		
8	19	05091	04/09/92				2		
9	20	05476	02/13/92				1		
10	20	01826	11/03/92	DRACUT HS	DRACUT	MA	0		
11	18	01833	10/31/92	GEORGETOWN	GEORGETOWN	MA	2		
12	27	02140	04/02/92	ST AUGUSTINOS	EDINBURGH	SC	0		
13	30	98312	02/29/92	SOUTH KITSAP	PORT ORCHA	WA	0		
14	21	01073	02/13/92	HAMPSHIRE REG H	WEST HAMPT	MA	2		
15	22	60515	04/02/92	NY MILITARY ACA	CORNWALL	NY	0		
16	20	02790	04/02/92	WESTPORT HS	WESTPORT	MA	0		
17	18	23454	08/22/92	FLOYD E KELLAM	VA. BEACH	VA	0		
18	19		09/19/92	NORWICH FREE AC	NORWICH	CT	0		
19	24	06708	10/06/92	KENNEDY	WATERBURY	CT	1		
20	21	13619	03/14/92	CARTHAGE CEN HS	CARTHAGE	NY	0	JEFF VOCATIONAL	NY
21	18	06896	08/24/92	JOEL BARLOW	REDDING	CT	0		
22	19	04744	11/02/92	FT KENT COMMUNI	FORT KENT	ME	2		
23	18	06382	10/31/92	MONTVILLE	MONTVILLE	CT	0		
24	23	10035	10/31/92	RICE	NEW YORK	NY	0		
25	20	14715	04/02/92	SCIO CENTRAL SC	SCIO	NY	0		
26	27	11691	03/21/92	ANALYVILLE MEM	NEW YORK	NY	0		
27	22		03/14/92				0		
28	23	23227	07/11/92	SMITHFIELD	SMITHFIELD	NC	0		
29	20	33428	03/14/92				1		
30	23	42071	07/27/92	INDIAN RIVER	PHILADELPH	NY	2		
31	20	11746	10/16/92	WEST ISLIP	NEW YORK	NY	0		
32	17	33177	08/10/92	SOUTHRIDGE HIGH	MIAMI	FL	0	ROBERT MORGAN	FL
33	20	11203	03/28/92				0		
34	20	32818	02/15/92	WEST ORANGES HS	WINTER GAR	FL	0		
35	19	13601	07/27/92	GENERAL BROWN	DEXTER	NY	2		
36	20	14215	10/16/92	BENNETT	BUFFALO	NY	0		
37	24	41125	10/09/92	BISHOP COLLEGE	CARRIGARN	GR	0		
38	19	12887	07/11/92	GRANVILLE CENTR	GRANVILLE	NY	2		
39	24	29440	02/22/92	CHOPPIE HS	GEORGETOWN	SC	1	NIELSON ELECTRI	SC
40	20	32934	03/26/92				1		
41	22	29532	04/09/92				0		
42	21	11798	04/09/92				0		
43	22	10304	02/13/92	McKEE VOCATIONA	STATEN ISL	NY	0		
44	20	13114	07/13/92	MEXICO HS	MEXICO	NY	0		
45	25	10472	10/31/92	AS STEVENSON	BRONX	NY	0		
46	20	89031	08/31/92	RANCHO HIGH	LAS VEGAS	NV	3		
47	19	13630	04/09/92	HERMAN DEKALB C	DEKALB TCY	NY	2		
48	19	14821	10/20/92	RADFORD	HONOLULU	HA	0		
49	32	95827	11/05/92	KWANG-WOON ELEC	SEOUL	KO	0		
50	20	12304	11/05/92	MONT PLESENT	SCHENECTAD	NY	0		
51	23	10456	08/31/92	AE SMITH	BRONX	NY	0		
52	19	10466	08/22/92	HARRY TRUMAN	NEW YORK	NY	0		
53	18	13334	10/21/92	MORRISVILLE	MORRISVILL	NY	0		
54	20	10458	08/31/92	C COLUMBUS HS	BRONX	NY	0		
55	19	10550	11/05/92	MORRIS HILLS	ROCKAWAY	NJ	0		

CASE	AGE	ZIP	DATE SUR	HS NAME	HSCITY	HS ST	AMC	YRS	TECHSCHN	TECHSCH
56	35	12871	09/05/92	LITTLE FALLS	LITTLE FAL	NY		0		
57	22	13492	10/15/92	WHITEBORO	MARCY	NY		0		
58	21	11207	03/14/92	BUSHWICK	BROOKLYN	NY		0		
59	22		09/22/92	FRONTIER SEN HS	HAMBURG	NY		0		
60	18	12586	10/21/92	VALLEY CENTRAL	MONTGOMERY	NY		0		
61	19	14225	02/13/92	McKINLEY	BUFFALO	NY		0		
62	21	13069	09/05/92	G RAY BODLEY	FULTON	NY		1		
63	19	91978	09/21/92	MONTE VISTA	SPRING VAL	LC		2		
64	18	12986	10/21/92	TUPPERLAKE	TUPPERLAKE	NY		2		
65	29	07106	03/19/92	WEST SIDE HS	NEWARK	NJ		0	CNTR FOR MEDIA	NY
66	18	07047	10/06/92	NORTH BERGEN HS	NORTH BERG	NJ		3		
67	19		10/17/92	RIDGEWOOD	RIDGEWOOD	NJ		3		
68	21	04966	09/19/92	MT ABRAM	SALE	ME		0	SOUTHERN MAINE	AU
69	20	17872	07/25/92	SHAMOKIN AREA H	SHAMOKIN	PA		0		
70	25	07702	10/17/92	DAVID BREARLY R	KENILWORTH	NJ		1		
71	23	15203	10/31/92	BRASHEAR	PITTSBURGH	PA		0		
72		17090	08/22/92	WEST PERRY	ELLIOTSBUR	PA		3		
73	21	31905	07/27/92	SPENCER	COLUMBUS	GA		0		
74	20	16701	04/04/92	BRADFORD AREA H	BRADFORD	PA		0		
75	21	17406	10/31/92	CENTRAL YORK	YORK	PA		0		
76	22	77039	07/11/92	M.G. MONTGOMERY	SEMMES	AL		2	UNIVERSAL TECH	TX
77	19	17057	07/25/92	MIDDLETOWN AREA	MIDDLETOWN	PA		2		
78	20	18055	03/21/92	SAUCON VALLEY H	HEELERTOWN	PA		0		
79	23	21911	02/27/92	OXFORD AREA HS	OXFORD	PA		0		
80	18	17543	08/24/92	MANHEIM CENTRAL	LANCASTER	PA		0		
81	23	18223	11/07/92	HAZLETON	HAZLETON	PA		3		
82	19	19124	02/13/92	DELAWARE VALLEY	PHILADELPH	PA		0		
83	20		07/13/92	KUTZTOWN	KUTZTOWN	PA		3		
84	20	12151	03/14/92	HAVERFORD HS	HAVERTOWN	PA		0		
85	21	17601	07/27/92	MAHEIM TOWNSHIP	LANCASTER	PA		0		
86	17	15370	10/21/92	WEST GREENE	ROGERVILLE	PA		0		
87	20	15601	11/05/92	YOUGH	HERMINIE	PA		0		
88	18	15042	07/11/92	FREEDOM HIGH	FREEDOM	PA		0		
89	17	16373	07/27/92	KEYSTONE	KNOX	PA		3		
90	27	15122	10/17/92	CARRICK	PGH	PA		0		
91	19	17025	08/24/92	EAST PENNSBORO	ENOLA	PA		0		
92		23832	07/25/92	L.C. BIRD	CHESTERFIE	VA		2		
93	20		07/25/92	ROCHESTER HS	ROCHESTER	PA		2		
94	20	16334	07/27/92	KEYSTONE HS	KNOX	PA		0		
95	19	22546	11/07/92	CAROLINE	MILFORD	VA		0		
96	18	20841	07/27/92	FREDERICK HS	FREDERICK	MD		0		
97	19	21122	11/07/92	CHESAPEAKE	PASADENA	MD		3	N. ARUNDEL TECH	MD
98	18	21756	11/07/92	BOONSBORO	BOONSBORO	MD		0		
99	17	57706	10/22/92	CENTRAL	RAPID	SD		0		
100	17	21122	07/27/92	NORTHEAST	PASADENA	MD		0		
101	18	21224	10/16/92	MERGENTHALER	BALTIMORE	MD		0		
102		65066	07/27/92	GASCONADE R-2	OWENSVILLE	MO		0		
103	20	21850	07/11/92	WICOMICO	SALISBURY	MD		2		
104	22	21221	07/11/92	KENWOOD HIGH	BALTIMORE	MD		0		
105	20	27530	09/19/92	GOLDSBORO HS	GOLDSBORO	NC		1		
106	19	21045	07/11/92	OAKLAND MILLS	COLUMBIA	MD		0		
107	26	19702	10/05/92	GLASGOW HS	NEWARK	DE		0	DEL TECH COMMUN	DE
108	19	19951	10/31/92	CAPE HNOLOPEN	LEWES	DE		0		
109	18		07/27/92	VIRGINIA HS	BRISTOL	VA		3		
110	19	23821	07/25/92	BRUNSWICK SR HS	LAWRENCEVI	VA		2		

CASE	AGE	ZIP	DATE SUR	HS NAME	HSCITY	HS ST	AMC	YRS	TECHSCHN	TECHSCHS
111	22	23518	07/27/92	LAKE TAYLOR	NORFOLK	VA		0		
112	21	23803	03/19/92	PETERSBURG HS	PETERSBURG	VA		0		
113	19	22824	07/11/92	CENTRAL HIGH	WOODSTOCK	VA		2	TRIPLET TECH	VA
114	19	24569	07/11/92	GRETNA	GRENTA	VA		0		
115	21		09/21/92	PRINCE EDWARD C	FARMVILLE	VA		3		
116	18	23112	11/02/92	CLOVER HILL	MIDLOTHIAN	VA		1		
117	20	24450	07/09/92	LEXINGTON	LEXINGTON	VA		2		
118	22	27349	02/20/92					0		
119	18	24251	07/13/92	GATE CITY	GATE CITY	VA		2		
120	18	77642	08/22/92	THOMAS JEFFERSO	PORT ARTHU	TX		3		
121	22	22020	10/09/92	CHANTILLY HS	CHANTILLY	VA		0		
122	19		09/19/92	AMHERST COUNTY	AMHERST	VA		3		
123	19	24012	09/21/92	WILLIAM BYRD HS	ROANOKE	VA		3		
124	21	24017	02/27/92					0		
125	22	23693	10/17/92	TABB HIGH	TABB	VA		0		
126	20	23009	10/17/92	KINGWILLIAM	KINGWILLIA	VA		0		
127	23	22539	10/20/92	LACKEY	INDIAN HEA	MD		3	LINCOLN TEC INS	MD
128	19	23002	10/17/92	AMELIA	AMELIA	VA		0		
129	20	23227	09/21/92	JR TUCKER	RICHMOND	VA		0		
130	19	22408	02/29/92	COURTLEAND H	SPOTSYLVAN	VA		0		
131	19	23421	02/13/92	ARCADIA	OAKHALL	VA		0		
132	18	14904	09/05/92	SOUTHSIDE HS	ELMIRA	NY		2	BOCES TEC CENTE	NY
133	20	22301	04/09/92					0		
134	20	22170	02/13/92	BOOKER	SARASOTA	FL		0		
135	20	25521	08/22/92	DUVAL HS	GRIFFINVIL	WV		0		
136	21	25839	09/05/92	LIBERTY HS	GLEN DANIE	WV		0		
137	20	24701	11/07/92	PRINCETON	PRINCETON	WV		0	MERCER COUNTY V	WV
138	20	25401	11/03/92	MARTINSBURG HS	MARTINSBUR	WV		0		
139	25	26175	03/21/92	SISTERSVILLE HS	SISTERSVIL	WV		0	CERT NURSES ASS	WV
140	18	25969	09/05/92	HINTON HS	HINTON	WV		0		
141	26	26330	08/10/92	PHILIP BORHOUR	PHILIPPI	WV		2		
142	19	21502	03/13/92					0		
143	19	26070	10/31/92	BROOKE	WELLSBURG	WV		0		
144		26003	09/05/92	WHEELING PARK	WHEELING	WV		0		
145	22	24963	09/19/92	PETERSTOWN HS	PETERSTOWN	W		0		
146	19	26419	10/17/92	VALLEY HIGH	PNIEGROVE	W.		0		
147	19	26155	10/17/92	MAGNOLIA	NEW MARTIN	WV		0		
148	21	26041	07/09/92	JOHN MARSHALL	GENDALE	WV		2		
149	19	26250	10/09/92	PHILIP BARBOUR	PHILIPPI	WV		1		
150	19	49639	07/11/92	REED CITY HIGH	REED CITY	MI		2		
151	20	24874	02/27/92					0		
152	18	25521	10/09/92	DUVAL HS	GRIFFITHVI	WV		0		
153	24	26542	03/21/92					0		
154		24844	07/23/92	IAEGER HS	IAEGER	WV		3		
155	20	27703	03/19/92	SOUTHERN DURHAM	DURHAM	NC		0	DURHAM TECH	NC
156	19	21078	03/14/92	BERTIE HS	WINDSOR	NC		0		
157	19	28173	07/11/92	PARKWOOD HIGH	MONROE	NC		0		
158	21	28314	04/02/92	WESTOVER SH	FAYETTEVIL	NC		0	FAYETTEVILLE TE	NC
159		28112	10/09/92	SUN VALLEY HS	MONROE	NC		0		
160	19	27320	08/17/92	REIDSVILLE SHS	REIDSVILLE	NC		0		
161	20	28215	07/27/92	INDEPENDENCE HS	CHARLOTTE	NC		0		
162	18	28384	10/26/92	ST. PAULS	ST. PAULS	NC		2		
163	20	28345	08/22/92	RICHMOND	RICHMOND	VA		0		
164	21	27511	02/27/92	APEX SH	APEX	NC		0		
165	22	28532	11/07/92	HAVELOCK	HAVELOCK	NC		0		

CASE	AGE	ZIP	DATE SUR	HS NAME	HSCITY	HS ST	AMC YRS	TECHSCHN	TECHSCH
166	20	27306	04/04/92	RICHMOND SR HS	ROCKINGHAM	NC	0		
167	22	27962	04/02/92	PLYMOUTH HS	PLYMOUTH	NC	0		
168	20	28681	08/17/92	ALEXANDER CENTR	TAYLORSVIL	NC	3	WILKES COMMUNIT	NC
169	19	28376	11/05/92	HOK COUNTY	RAEFORD	NC	0		
170	18	33837	09/19/92	HEINES CTY HS	HEINES CTY	FL	0	RIDGE TECHNICAL	FL
171	20	27284	10/15/92	E. FORSYTH	KERNERSVIL	NC	0		
172	20	28078	10/17/92	N. MECHLERBURG	HUNTERVILL	NC	1		
173	19	28712	09/21/92	BREVARD HS	BREVARD	NC	0		
174	21	28409	08/25/92	CAPE FEAR COMM	ADOTT	FL	0		
175	23	27576	09/28/92	SMITHFIELD SELM	SMITHFIELD	NC	1		
176	20	28326	07/25/92	PINECREST HS	SOUTH PINE	NC	0		
177	19	95136	07/09/92	ANDREW P. HILL	SAN JOSE	CA	0		
178	20	28305	04/09/92				0		
179	20	29483	09/05/92	SUMMERVILLE HS	SUMMERVILL	SC	0		
180		29678	08/10/92	SENECA HIGH	SENECA	SC	0		
181	18	29073	10/31/92	LEXINGTON	LEXINGTON	SC	0		
182	19	29475	07/25/92	WALTERBORO HS	WALTERBORO	SC	2		
183	18	29150	07/27/92	SUMTER HS	SUMTER	SC	0		
184	19	29040	10/17/92	HILLCREST	SUMTER	SC	2		
.85	18	29715	08/10/92	INDIAN LAND	FT. MILL	SC	2		
.86	18	29150	07/11/92	SUMTER HIGH	SUMTER	SC	0		
.87	19	29646	09/05/92	GREENWOOD HS	GREENWOOD	SC	0		
188	19	29431	10/31/92	MACEDONIA	MONCKS COR	SC	0		
.89	22	29704	10/21/92	LEWISVILLE	RICHBURG	SC	0		
.90	21	29150	02/15/92	MAYEWOOD HS	SUMTER	SC	0		
.91	18	29902	08/24/92	BATTERY CREEK	BEAUFORT	SC	0		
.92	19	20785	11/07/92	AIKEN SENIOR	AIKEN	SC	0		
.93	18	29009	08/22/92	CAMDEN	CAMDEN	SC	0		
.94	21	29418	07/10/92	GARRETT HS	CHARLESTON	SC	0		
.95	19	29923	11/07/92	ESTILL	ESTILL	SC	0		
.96	19	29210	10/09/92	IRMO	COLUMBIA	SC	0		
97	18	29127	08/06/92	MID-CAROLINA	PROSPERITY	SC	3		
.98	18	29568	09/28/92	LORIS HS	LORIS	SC	2		
.99	18	29571	10/15/92	MARION	MARION	SC	0		
100	18	29554	07/27/92	HEMINGWAY HS	HEMINGWAY	SC	0		
.01	24		08/06/92	CARIO HIGH	CARIO	GA	3		
102	26	23188	02/13/92	NW WHITFIELD CO	TUNNELL HI	GA	3		
.03	19	31638	09/17/92	BROOKS COUNTY	QUITMON	GA	1		
104	19	31404	09/21/92	BRYAN COUNTY	PEMBROKE	GA	0		
105	18	34787	07/25/92	WEST ORANGE HS	WINTERGARD	FL	2		
.06	20	38829	08/31/92	BOONEVILLE HS	BOONEVILLE	MI	0		
107	19	31634	09/05/92	CLINCH CO.	HOMERVILLE	GA	4		
108	19	30187	11/07/92	HANCOCK CENTRAL	SPARTA	GA	0		
109	20	31833	08/10/92	KENDRICK HIGH	COLUMBUS	GA	0		
210	32	30329	02/29/92	BRIARCLIFF HS	ATLANTA	GA	0		
211	20	31750	03/26/92				1		
212	19	30035	10/09/92	REDON HS	DECATUR	GA	0		
213		30034	10/15/92	AVONDALE	AVONDALE	CA	0	ATLANTA TECH	GA
214	19	30032	08/08/92	CREEKSIDE	FAIRBURN	GA	0		
215	18	24201	07/11/92	VIRGINIA	BRISTOL	VA	3		
216	20	33935	02/22/92	LaBELLE HS	LaBELLE	FL	0		
217	18	31601	07/27/92	LOWNDES HS	VALDASTA	GA	0		
218	24	21061	03/12/92	GLEN BURNIE HS	GLEN BURNI	MD	0		
219	20	31907	03/19/92	KENDRICK HS	COLUMBUS	GA	1		
220	20	31907	10/21/92	KENDRICK	COLUMBUS	GA	0		

CASE	AGE	ZIP	DATE SUR	HS NAME	HSCITY	HS ST	AMC YRS	TECHSCHN	TECHSCHS
221	19	31359	10/31/92	MORENO VALLEY	MORENO VAL	CA	0		
222	20	30354	10/21/92	W.F. GEORGE	ATLANTA	GA	0		
223	21	30279	07/27/92	SOCIAL CIRCLE	SOCIAL CRC	GA	0		
224	19	31907	11/07/92	THOMAS	COLUMBUS	GA	0		
225	19	30349	10/17/92	NORTH CLAYTON	COLLEGE PK	GA	0		
226	19	32210	10/17/92	N.B.FORREST	JACKSONVIL	FL	0		
227	23	33841	07/09/92	FT. MEADE	FT MEADE	FL	3		
228	18	32041	10/21/92	CLAY	G.C.SPRING	FL	0		
229	18	95670	10/17/92	WALNUT WOOD	RANCHO COR	CA	0		
230	21	32205	08/31/92	ROBERT E LEE HS	JACKSONVIL	FL	0		
231	20	34667	02/13/92	RIDGEWOOD	NEWPORT	FL	0		
232	18	32225	07/27/92	SANDALWOOD	JAR	FL	0		
233	20	33435	10/21/72	ATLANTIC	DELRAY	FL	2		
234	19	33012	07/11/92	HIALEAN HIGH	HIALEAN	FL	1		
235	18	33610	10/16/92	KING	TAMPA	FL	0		
236	22	32780	08/31/92	TITUSVILLE HS	TITUSVILLE	FL	0		
237	18	32211	10/21/92	TERRY PARKER	JACKSONVIL	FL	0		
238	20	33912	03/21/92	ESTERO HS	ESTERO	FL	0		
239	18	34601	11/03/92	HERNANDO HS	BROOKSVILL	FL	0		
240	20	85715	02/22/92	SANTA RITA	TUCSON	AZ	1		
241	20	33056	08/31/92	MIAMI CAROL HS	MIAMI	FL	0		
242	22	33835	02/15/92	MALBERRY HS	MALBERRY	FL	1		
243	17	32536	07/11/92	CRESTVIEW	CRESTVIEW	FL	1		
244	22	45898	07/09/92	LIBERTY	OHIO CITY	OH	0		
245	18	44128	11/05/92	JANE ADDAMS	CLEVELAND	OH	0		
246	20	44685	10/17/92	SPRINGFIELD	AKRON	OH	0		
247	19	45760	10/26/92	MEIGS	POMEROY	OH	2		
248	25	26301	07/13/92	ROOSEVELT WILSO	NUTLERFORT	WV	0		
249	20	43952	10/31/92	STEUBENVILLE	STUBENVILL	OH	2		
250	23	45744	03/14/92				0		
251	19	44705	09/21/92	TIMKEN HS	CANTON	OH	2		
252	29	45662	10/21/92	PORTSMOUTH	PORTSMOUTH	OH	0		
253	18	44830	10/17/92	ST. WENDELIN	FOSTORIA	OH	0		
254	19	44305	08/31/92	AKRON EAST HS	AKRON	OH	2		
255	23	33901	02/29/92				0		
256	21	43076	02/22/92				1		
257	20	44460	02/13/92	SALEM HS	SALEM	OH	2		
258	21	44104	08/31/92	CLEVELAND CENTR	CLEVELAND	OH	0		
259	19	43230	07/23/92	GAHANNA LINCOLN	GAHANNA	OH	2		
260	18	45013	07/27/92	STEPHEN T BADIN	HAMILTON	OH	0		
261	20	44826	02/13/92	WESTERN RESERVE	COLLINS	OH	0		
262	24	44622	07/11/92	FAIRLESS HIGH	NAVARRE	OH	2		
263	19	21600	03/14/92	CENTRAL CATHOLI	CANTON	OH	0		
264	20	45245	04/02/92	AMELIA HS	CINCINNATI	OH	0		
265	23	45831	07/13/92	CONTINENTAL HS	CONTINENTA	OH	2		
266	19	44260	10/31/92	FIELD	MOGADORE	OH	0		
267	18	45764	10/16/92	NELSONVILLE	NELSONVILL	OH	0		
268	18	42134	07/13/92	FRANKLIN SIMPSO	FRANKLIN	KY	2		
269	18	43551	10/21/92	PERRYBURG	PERRYBURG	OH	0		
270	19	43130	07/11/92	UNION HIGH	BEME	OH	2		
271	20	45240	02/13/92	FOREST PARK HS	CINCINNATI	OH	0		
272	20	30311	07/25/92	THERRELL HS	ALTANTA	GA	2		
273	21	43348	02/27/92				0		
274	21	44256	07/27/92	CLOVERLEAF SR H	LODI	OH	0		
275	29	45216	02/24/92				1		

CASE	AGE	ZIP	DATE SUR	HS NAME	HSCITY	HS ST	AMC	YFS	TECHSCHN	TECHSCH
276	18	43512	07/13/92	DEFIANCE	DEFIANCE	OH		2		
277	19	44039	07/27/92	NORTHRIDGEVILLE	NORTH RIDG	OH		2		
278	22	44601	04/02/92	ALLIANCE HS	ALLIANCE	OH		0		
279	18	43229	10/17/92	BEECHCROST	COLUMBUS	OH		0		
280	20		09/21/92	SANDY VALLEY HS	MAGNOLIA	OH		0		
281	21		09/28/92	SOUTH RANGE HS	NORTH LIMA	OH		2	UNIVERSAL TECH	AZ
282	26	44483	10/20/92	HOWLAND	WARREN	OH		2		
283	25		07/27/92	MC PERRT	IWAKUAI	JP		0		
284	20	44221	04/04/92	CUYAHOGA FALLS	CUYAHOGA F	OH		0		
285	21	44432	11/03/92	UNITED LOLGI	HANOURTON	OH		0		
286	18	45013	07/27/92	STEPHEN T BADIN	HAMILTON	OH		0		
287	23	44697	04/02/92	TUSCARAWAS VALL	ZOARVILLE	OH		0		
288	22	45887	08/08/92	CONTENENTAL	CONTENENTA	OH		0	VANTAGE VOTECH	OH
289	20	43724	02/27/92	SHERANDOAH HS	SARASHVILL	OH		0		
290	21	46226	04/04/92					0		
291	19	46409	10/21/92	LEW WALLACE	GARY	IN		0		
292	18	46307	10/09/92	CROWN PNT HS	CROWN PNT	IN		2		
293	22	49202	11/05/92	DEKALB	WATERLOO	IN		0		
294	24	47421	02/27/92	BEDFORD NORTH	BEDFORD	IN		0		
295	20	47265	08/08/92	JENNINGS	N. VERNON	IN		2		
296	18	47944	09/05/92	BENTON CENTRAL	OXFORD	IN		0		
297	19	46151	11/07/92	MARTINSVILLE	MARTINSVIL	IN		2		
298	19	93436	03/21/92					2		
299	21	46939	07/11/92	HEARTH	KEWNNA	IN		0	LINCOLN TECH	IN
300	20	46975	08/31/92	ROCHESTER HS	ROCHESTER	IN		1		
301	20	47140	10/21/92	CRAWFORD COUNTY	MARENGO	IN		0		
302	19	46224	09/17/92	DECATUR CENTRAL	INDIANPOLI	IN		2		
303	18	46217	10/15/92	PERRY MERIDIAN	INDIANAPOL	IN		0		
304	20	47905	03/12/92	McCATCHEAN HS	LAFAYETTE	IN		1		
305	18	33962	08/10/92	LELY HIGH	NAPLES	FL		2	JAMES L WALKER	FL
306	18	33981	07/11/92	LEMON BAY	ENGLEWOOD	FL		2		
307	18		07/09/92	HOPKINVILLE	HOPKIN	KY		1		
308	18	47635	09/02/92	S. SPENCER				0		
309	18	47374	10/26/92	RICHMOND	RICHMOND	IN		0		
310	18	46112	10/21/92	BROWNSBURG	BROWNSBURG	IN		0		
311	22	47133	07/25/92	RUSHVILLE CONS	RUSHVILLE	IN		2		
312	19	47130	03/28/92	JEFERSONVILLE H	JEFFESONVI	IN		0		
313	21	46241	10/17/92	DECATOR CENTAL	INDIANPOLI	IN		1		
314	17	61321	07/11/92	WENONA HIGH	WENONA	IL		2		
315	19	60505	02/13/92	WEST AURORA HS	AURORA	IL		0		
316		61469	07/13/92	UNION HS	BIGGSVILLE	IL		0		
317	22	03071	03/21/92	MASCENIC REGION	NEWIPSWICH	NH		0		
318	20	61021	07/25/92	DIXON HS	DIXON	IL		2		
319	21	60195	07/20/92	HOFFMAN ESTATES	HOFFMAN ES	IL		0		
320	19	61534	04/02/92	GREEN VALLEY HS	GREEN VALL	IL		0		
321	23	62549	08/24/92	MT ZION	MT ZION	IL		2		
322	27	60409	08/31/92	TF NORTH HS	CALUMOT CI	IL		0		
323	21	60181	02/15/92	WILLOWBROOK HS	VILLA PARK	IL		0		
324	20	60087	03/19/92	WARREN TOWNSHIP	GURNEE	IL		0		
325	21	61046	07/09/92	EASTLAND	LANARK	IL		1		
326	22	61283	03/02/92	TAMPICO HS	TAMPICO	IL		1		
327	20	62207	11/07/92	E. ST. LOUIS SE	E. ST. LOU	IL		0		
328	22	62203	07/11/92	LINCOLN	E ST LOUIS	IL		1		
329	34	60505	09/05/92	WEST AURORA HS	AURORA	IL		0		
330	19	62938	07/25/92	POPE CNTY HS	GOLCONDA	IL		2		

CASE	AGE	ZIP	DATE SUR	HS NAME	HSCITY	HS ST	AMC	YRS	TECHSCHN	TECHSCNS
331	20	60633	10/21/92					0		
332	20	61701	04/04/92	UNIVERSITY HS	NORMAL	IL		0		
333	18	60142	09/21/92	HUNTLEY HS	HUNTLEY	IL		0		
334		62702	09/14/92	GRIFFIN HS	SPRINGFIEL	IL		0	DANA CORP	
335	23	62035	03/19/92	ALTON SR HS	ALTON	IL		0		
336	17	60408	07/11/92	REED-CUSTER	BRAIDWIID	IL		0		
337	22	60104	02/13/92	PROVISO WEST HS	HILLSIOS	IL		1		
338	25	62521	07/25/92	MACON HS	MACON	IL		0		
339		70084	09/02/92	HILLCREST	C.C. HILLS	IL		0		
340	24	61354	07/11/92	LA SALLE PERU	LA SALLE	FL		2		
341	20	62036	03/19/92	BRUSSLES COMMUN	BRUSSLES	IL		0		
342	20	60004	03/26/92	PROSPECT HS	MT PROSPEC	IL		0		
343	22	60016	08/31/92	LIBERTYVILLE HS	LIBERTYVIL	IL		2		
344	20	60637	07/13/92	SOUTH SHIRE	CHICAGO	IL		0		
345	18	62801	07/27/92	CENTRALIA HS	CENTRALIA	IL		0		
346	18	61605	07/11/92	MANUAL	PEORIA	IL		0		
347	20	62204	02/29/92					0		
348		85749	09/19/92	SABINO	TUCSON	AZ		0		
349	21	62466	10/21/92	REDHILL	BRIDGEPORT	IL		0		
350	22	73110	11/03/92	MIDWEST CITY HS	MIDWEST CT	OK		0		
351	18	61261	10/15/92	PROPHETSTOWN	PROPHETSTO	IL		0		
352		60645	09/21/92	BRO RICE	CHICAGO	IL		0	LINCOLN TECH	IL
353	20	49064	03/26/92	LAWRENCE HS	LAWRENCE	MI		1		
354	19	48820	03/14/92	ST JOHNS HS	ST JOHN	MI		0		
355	20	49946	03/21/92					0		
356	20	48224	02/15/92					0		
357	20	48183	02/26/92	GROSSE ILE HS	GROSS ILE	MI		0		
358	18	49843	10/20/92	GWINN	GWINN	MI		0		
359	19	48219	11/05/92	CLARENCEVILLE				1		
360	18	49240	07/27/92	E JACKSON HS	JACKSON	MI		2		
361	18	48471	11/07/92	DECKERVILLE	DECKERVILL	MI		0		
362	21	48838	08/31/92	GODFREELEE	GRAND RAPI	MI		0	ACT	MI
363	18	49504	10/31/92	UNION	GRAND RAPI	MI		0		
364	22	71742	11/07/92	HEBER SPRINGS	HEBER SPRI	AR		0		
365	19	48423	07/13/92	DAVISON	DAVISON	MI		3		
366	22	49120	03/19/92	BRANDYWINE	NILES	MI		1		
367	19	48877	10/09/92	VESTABURG COMMU	VESTABURG	MI		0		
368	19	48161	03/21/92					0		
369	23	48507	02/29/92	FLINT BEECHER H	FLINT	MI		0		
370	21	48875	11/05/92	LAKEWOOD PUBLIC	LAKE ODESS	MI		1		
371	20	49347	02/15/92	LAKEVIEW HS	LAKEVIEW	MI		0		
372	20	49445	03/14/92	REETH PUFFER HS		MI		3		
373	20	44064	09/05/92	LEDGEMONT	THOMPSON	OH		0		
374	17	54976	07/11/92	HAYWARD HIGH	HAYWARD	WI		1		
375	23	49368	03/19/92					0		
376	18	60153	07/25/92	PROVISO WEST	HILLSIDE	IL		0		
377	19		03/12/92	TRUMAN HS	TAYLOR	MI		0		
378	18	48386	10/16/92	KETTERING	WATERFORD	MI		0		
379	21	53714	09/17/92	EAST	MADISON	WI		1		
380	20	53177	08/22/92	CASE	RACINE	WI		1	GATEWAY	WI
381	23	54220	11/07/92	LINCOLN	MONITOWOC	WI		1		
382	19	53095	03/21/92					0		
383	18	30273	11/05/92	FLETCHER SENIOR	NEPTUNE BE	FL		1		
384	18	53190	08/22/92	MILTON	MILTON	WI		0		
385	18	86314	07/11/92	BRADSHAW MTN	PRESCOTT	AZ		0		

CASE	AGE	ZIP	DATE SUR	HS NAME	HSCITY	HS ST	AMC	YRS	TECHSCHN	TECHSCHS
386	17		09/21/92	KICKAPOO HS	VIOLA	WI		0		
387	18	53950	07/25/92	NEW LISBON HS	NEW LISBON	WI		1		
388	18	54166	07/27/92	SHAWANO HS	SHAWANO	WI		1		
389	20	54613	07/25/92	ADAMS FRIENDSHI	ADAMS	WI		1		
390	19	53206	10/31/92	PULASKI	MILWAUKEE	WI		0		
391	19	42320	07/27/92	OHIO CNTY	HARTFORD	KY		1		
392	21	41074	02/15/92	DAYTON HS	DAYTON	KY		0		
393	21	69301	10/31/92	ALLIANCE	ALLIANCE	NE		1	DENVER AUTO COL	CO
394	19	42320	11/02/92	OHIO CO HS	HARTFORD	KY		2		
395		42722	07/25/92	GRAYSON CNTY	LEITCHFIEL	KY		3		
396	20	41954	08/06/92	WHITESBURG HIGH	WHITESBURG	KY		2	MAYO STATE TECH	KY
397	22	42101	04/02/92	WARREN EAST HS	BOWLING GR	KY		0		
398	20		10/15/92	LAKE TAYLOR	NORFOLK	VA		0		
399	20	40242	10/15/92	EASTERN	LOUISVILLE	KY		0		
400	21	40484	02/13/92	LINCOLN COUNTY	STANFORD	KY		0		
401	19	66048	07/13/92	LEAVENWORTH	LEAVENWORT	KS		1		
402	24	40965	11/07/92	BELL CO.	PINEVILLE	KY		0	BELL CO. TECH	KY
403		93640	09/05/92	HAIBATRUNG	HAIBATRUNG	VN		0		
404	21	41636	02/20/92	McDOWELL HS	McDOWELL	KY		0		
405	21	40972	02/22/92	LESLIE COUNTY H	HYDER	KY		0		
406	19	68516	10/15/92	SOUTHEAST	LINCOLN	NE		1		
407	18	40601	09/05/92	WOODFORD COUNTY	VERSAILLES	KY		2		
408	20	40741	11/05/92	LARYEL COUNTY	LONDON	KY		2	UNIVERSAL TECH	TX
409	20	40069	02/27/92	WASHINGTON CNTY	SPRINGFIEL	KY		0		
410	21	42025	08/26/92	MARSHALL	BENTON	KY		0		
411	23	42436	07/27/92	WEST HOPKINS	NEBO	KY		4	MADISONVILLE ST	KY
412	21	40509	08/31/92	BRYAN STATION	LEXINGTON	KY		0		
413	21	37130	02/27/92	OAKLAND HS	MARLBORO	TN		0		
414	18	37091	/ /	MARSHALL COUNTY	LEWISBURG	TN		2		
415	18	39553	07/27/92	PASCAGOULA	GAUTIER	MS		0		
416	20	38297	10/21/92	HICKMAN COUNTY	CLINTON	KY		0		
417	21	04281	02/13/92	OXFORD HILLS HS	SO PARIS	ME		0		
418	20	38012	07/27/92	HAYWOOD HS	BROWNSVILL	TN		0		
419	30	38128	10/09/92	CRAIGMONT HS	MEMPHIS	TN		0		
420	18	38127	10/15/92	WESTSIDE	MEMPHIS	TN		0		
421	20	37388	03/12/92					2		
422	20	38301	03/14/92					2		
423	20	37650	07/11/92	UNICAL HIGH	ERWIN	TN		2		
424	18	37861	09/19/92	RUTLEDGE HS	RUTLEDGE	TN		0		
425	18	36319	09/28/92	HOUSTON COUNTY	COLUMBIA	AL		7		
426	21	35579	11/02/92	OAKMONT HS	OAKMONT	AL		3	REVILL STATE	AL
427	24	35205	08/20/92	WENONAH HIGH	BIRMINGHAM	AL		0	LAWSON STATE CC	AL
428	19	35967	02/22/92					0		
429	19	38549	11/07/92	PICKETT COUNTY	BYRDSTOWN	TN		0		
430	18	35218	07/11/92	ENSLEY HIGH	BIRMINGHAM	AL		0		
431	19	35150	03/26/92	SYLACAUGA HS	SYLACAUGA	AL		0	REY S ELECTRONI	EL
432	20	35962	10/05/92	CROSSVILLE HS	CROSSVILLE	AL		0	NORTH AL SKILLS	AL
433	23	47165	02/15/92	EASTERN HIGH	FERTN	IN		0		
434	21	36732	09/17/92	DEMOPOLIS HS	DEMOPOLIS	AL		0		
435	20	35207	04/02/92	HOMEWOOD HS	BIRMINGHAM	AL		0		
436	19	36051	02/20/92	BILLINGSLEY HS	BILLINGSLE	AL		0		
437	34		02/29/92	CHRIST SCH	ONDO-STATE	NI		0		
438	18	35901	07/11/92	GADSDEN HIGH	GADSDEN	AL		0		
439	18	36301	10/21/92	REHOBETH	DOTHAN	AL		0		
440	18	35150	07/25/92	BB COMER	SYLACAUGA	AL		0		

CASE	AGE	ZIP	DATE SUR	HS NAME	HSCITY	HS ST	AMC	YRS	TECHSCHN	TECHSCHS
441	19	35901	10/06/92	GASTON HS	GASDEN	AL		2		
442	17	35205	10/09/92	MINOR HS	ADAMSVILLE	AL		0		
443	20	32570	07/25/92	MILTON HS	MILTON	FL		0		
444	18	39702	09/05/92	RS CALDWELL	COLUMBUS	MS		0		
445	22	39350	11/02/92	NESHOBA CENTRAL	PHILADELPH	MS		1		
446	18	39206	11/07/92	MURRAH	JACKSON	MS		0		
447	18		10/21/92	PASCUGOULA	PASCUGOULA	MS		1		
448	21	39066	09/05/92	UTICA HS	UTICA	NY		1	HINDS COMMUNITY	MS
449	18	39120	10/21/92	NATCHEZ	NATCHEZ	MS		0		
450	20	39213	02/29/92					0		
451	18	39581	11/07/92	EAST CENTRAL	HURLEY	MS		0		
452	21	39194	02/29/92	YAZOO HS	YAZOO CITY	MS		0		
453	21	80918	08/22/92	THOMAS B DORTHE	COLORADO S	CO		0		
454	19	38567	10/21/92	MOSS POINT	MOSS POINT	MS		0		
455	18	39638	11/05/92	AMITE COUNTY	LIBERTY	MS		0		
456	19	72104	11/07/92	GLENROSE	MALVERN	AR		0		
457	19	36507	11/05/92	SATSUMA	SATSUMA	AL		0		
458	18	64106	11/03/92	JA FIAR	LITTLE ROC	AR		0		
459	19	65807	07/27/92	MORGAN HS	MORGAN CO	OH		0		
460	23	72315	10/21/92	NORTH	DAVENPORT	IA		0		
461	29	75061	09/28/92	WYNNE SH	WYNNE	AR		0	FOOTHILLS VOTEC	AR
462	21	72032	11/03/92	CONWAY HIGH	CONWAY	AR		0		
463	21	93534	10/31/92	ANTELOPE VALLEY	LANCASTER	CA		1		
464	19	76367	07/27/92	IOWA PARK HS	IOWA PARK	TX		0		
465	19		07/25/92	JACKSONVILLE HS	JACKSONVIL	AR		0		
466	21	70392	02/27/92	PATTERSON HS	PATTERSON	LA		0		
467	23	71322	04/02/92	BUNKIE HS	BUNKIE	LA		0		
468	20	71292	03/21/92	WEST MONROE HS	W MONROE	LA		0	SOUTHERN TECH	LA
469	18	70342	07/25/92	BERWICK HS	BERWICK	LA		0		
470	18	71328	07/25/92	BUCKEYE HS	BUCKEYE	LA		0		
471	19	70448	09/05/92	LOCH RAVEN	TOWSON	MD		2		
472	19	71450	07/13/92	NATCHITOCHES HS	NATCHITOCH	LA		1		
473	25	70470	04/02/92					0		
474	22	70131	02/15/92					0		
475	18	77056	07/27/92	EISENHOWER HS	HOUSTON	TX		0		
476	18	36108	07/11/92	CARVER HIGH	MONTOMERY	AL		0		
477	19	77705	10/06/92	WEST BROOK	BEAMOUNT	TX		1		
478	19	92026	08/22/92	ESCONDIDO	ESCONDIDO	CA		0		
479		74801	07/27/92	SHAWNEE HS	SHAWNEE	OK		0		
480	27	34608	07/11/92	WESTERN HEIGHTS	OK CITY	OK		3	OK STATE TECH	OK
481	18	22630	07/11/92	WARAN HIGH	FRONT ROYA	VA		3		
482	20	73020	07/23/92	NORTH	DAVENPORT	IA		2		
483	20		10/15/92	WILL ROGERS	TULSA	OK		0	TULSA WELDING	OK
484	21	74959	10/21/92	LAWTON	LAWTON	OK		0		
485	19	73111	07/11/92	US GRANT	OK CITY	OK		0	FOSTER/ESTES VT	OK
486	20	74073	09/05/92	SPERRY HIGH	SPERRY	OK		0		
487	22	94533	04/09/92					0		
488	19	75401	02/13/92	GREENVILLE HS	GREENVILLE	TX		2		
489	22	74346	03/19/92	MIAMI HS	MIAMI	OK		2	APIS AUTO INST	AZ
490	20	74653	10/16/92	TONKAWA	TONKAWA	OK		0		
491	28	73703	03/26/92	WANLCOMB HS	WANLCOMB	OK		0		
492	19	77061	11/07/92	SOUTH HOUSTON	PASADENA	TX		0		
493	20	75241	10/31/92	DIBOLL	DIBOLL	TX		0		
494	21	79855	07/11/92	VAN HORN HIGH	VAN HORN	TX		0		
495	21	76310	11/07/92	S.H. RIDER	WICHITA FA	TX		0		

ASE	AGE	ZIP	DATE SUR	HS NAME	HSCITY	HS ST	AMC	YRS	TECHSCHN	TECHSCH
496	17	78245	10/21/92	SOUTHWEST	SAN ANTONI	TX		0		
497	22	79720	04/02/92	BIG SPRING HS	BIG SPRING	TX		0		
498	18	80644	09/19/92	AIR ACADEMY CO	COLO SPRGS	CO		1		
499	19	76230	03/14/92					0		
500	20	75639	07/25/92	CARTHAGE HS	CARTHAGE	TX		0		
501	19	76550	07/25/92	LAMPASAS HS	LAMPASAS	TX		0		
502	20	77301	07/11/92	WILLIS HIGH	WILLIS	TX		0		
503	20	79924	09/17/92	PARKLAND HS	EL PASO	TX		0		
504	23	92383	03/14/92	MARFA HS	MARFA	TX		0		
505	19		10/20/92	ENTERPRISE	ENTERPRISE	AL		3		
506	20	77845	04/02/92	A&M CONSOLIDATE	COLLEGE ST	TX		1		
507	19	78550	07/11/92	HARLINGEN HIGH	HARLINGEN	TX		0		
508	19	75751	08/24/92	ATHENS	ATHENS	TX		3		
509	20	76009	10/21/92	MANSFIELD	MANSFIELD	TX		0		
510	22	75076	07/27/92	POTTSBORO HS	POTTSBORO	TX		0		
511	21	77034	09/17/92	SOUTH HOUSTON	SILTON	TX		0		
512	18	77471	09/05/92	BF TERRY	ROSENBERG	TX		1		
513	19	75758	11/07/92	BROWNSBORO	BROWNSBORO	TX		2	TRINITY VALLEY	TX
514	21	78503	10/20/92	MCALLEN HIGH	MCALLEN	TX		1		
515	21	77043	02/27/92	SPRINGWOODS	HOUSTON	TX		0		
516	21	99709	07/27/92	WILLIAM H TAFT	SAN ANTONI	TX		0		
517	19	77630	08/24/92	WEST ORANGE	ORANGE	TX		0		
518	18	77995	07/27/92	YOAKUM HS	YOAKUM	TX		1		
519	27	76087	11/03/92	WEATHERFORD	WEATHERFO	TX		0		
520	19	78384	11/03/92	SAN DIEGO HS	SAN DIEGO	TX		0		
521	18	78840	09/21/92	DEL RIO HS	DEL RIO	TX		0		
522	18	77346	08/08/92	HUMBLE HIGH	HUMBLE	TX		0		
523	26	76014	02/27/92					0		
524	19	43344	11/07/92	NORTH UNION	RICHWOOD	OH		2		
525	22	49010	03/14/92					0		
526	21	75801	11/07/92	PALESTINE	PALESTINE	TX		0		
527	20	77611	10/31/92	BRIDGE CITY	BRIDGE CIT	TX		0		
528	19	77070	10/31/92	CYPRESS CREEK	HOUSTON	TX		0		
529	29	03223	10/21/92	SOUTHWEST	SAN ANTONI	TX		0		
530	20	78237	09/21/92	MEMORIAL HS	SAN ANTONI	TX		2		
531	20	78335	04/04/92	ARANSAS PASS HS	ARANSAS	TX		0		
532	20	78028	07/11/92	TOM MOORE	INGRAM	TX		0	UNIVERSAL TECH	TX
533	19	78228	07/27/92	OLIVER WENDALL	SAN ANTONI	TX		1		
534	20	77489	02/13/92	WILLOWBRIDGE	SUGARLAND	TX		0		
535	18	79907	07/11/92	YSLETA HIGH	EL PASO	TX		0		
536	22	78702	07/27/92	ELGIN HS	ELGIN	TX		0		
537	28	75050	11/07/92	U. OF MANILA	MANILA	PI		0	ATI CAREER TRAI	TX
538	18	77028	10/21/92	C.E. KING	HOUSTON	TX		0		
539	20	75241	10/17/92	SOUTH OAK CLIFF	DALLS	TX		0		
540	20	33618	04/09/92					0		
541	19	77026	10/31/92	B. JORDAN	HOUSTON	TX		0	NEW MED ASSTS	TX
542	19	77518	07/09/92	DICKINSON	DICKINSON	TX		2		
543	19	76844	04/02/92	GOLDTHWAITE HS	GOLDTHWAIT	TX		0		
544	19	30135	08/22/92	ALEXANDER COMPR	DOUGLASVIL	GA		0		
545	19	55409	03/12/92	SOUTHWEST HS	MINNEAPOLI	MN		0		
546	18	56347	09/17/92	LONG PRAIRIE HS	LONG PRAIR	MN		1		
547	19	50401	11/07/92	MASON CITY	MASON CITY	IA		0		
548	21	56003	09/24/92	MANKATO WEST HS	MONKATO	MN		1		
549	18	55803	08/05/92	EAST HIGH	DULUTH	MN		0		
550	19	55002	03/21/92	NORTH BRANCH HS	NORTH BRAN	MN		0		

ASE	AGE	ZIP	DATE SUR	HS NAME	HSC.TY	HS ST	AMC	YRS	TECHSCHN	TECHSCHS
551	22	55406	04/02/92	SOUTH HS	MINNEAPOLI	MN		0		
552	23	55976	08/31/92	STEWARTVILLE HS	STEWARTVIL	MN		2		
553	20	55427	02/13/92	ST LOUIS SR HS	ST LOUIS P	MN		0		
554	22	55076	10/17/92	SIMLEY	GROVE HGTS	MN		0		
555	22	52806	10/19/92	NORTH	DAVENPORT	IA		2	UNIVERSAL	
556	18	51501	09/19/92	T JEFFERSON HS	COUNCIL BL	II		0		
557	22		11/07/92	TARSUS AMERICAN	TARSUS	TU		0		
558	18	55406	10/05/92	ROOSEVELT	MINNIAPOLI	MN		1		
559	19	52233	10/31/92	JF KENNEDY	CEDAR RAPI	IA		1		
560	18	39501	07/27/92	GULFPORT	GULFPORT	MS		2		
561	21	79935	10/21/92	HANKS	EL PASO	TX		0		
562	18	63034	11/05/92	HAZELWOOD CENTR	ST LOUIS	MO		0		
563	18	63123	07/25/92	AFFTON HS	ST LOUIS	MO		0		
564	18	38578	07/27/92	CUMBERLAND CNTR	CROSSVILLE	TN		2		
565	21	63129	02/22/92	VIANNEY HS	KIRKWOOD	MO		0		
566	21	63138	10/17/92	ST LOUIS PREPAT	ST. LOUIS	MO		0		
567	18	71112	10/21/92	BOSSIER	BOSSIER	LA		0		
568	22	63121	10/09/92	NORMANDY HS	NORMANDY	MO		0	IIT-TECHNICAL	MO
569	21	64633	02/13/92					0		
570	18	63010	07/27/92	FOX SR HS	ARNOLD	MO		0		
571	20	63114	03/26/92					0		
572	22	82715	03/28/92	BENTON HS	ST JOSEPH	MO		0	WYOMING TECH IN	WY
573	21	65807	07/13/92	HALFWAY	HALFWAY	MO		1	NASHVILLE A/D	TN
574	20	63640	02/29/92	FARMINGTON SR H	FARMINGTON	MO		2		
575	18	65802	11/07/92	CENTRAL	SPRINGFIEL	MO		0	OZARK TECHNICAL	MO
576	18	10562	08/22/92	BUFFALO	BUFFALO	MO		0		
577	19	58103	07/25/92	FARGO SOUTH HS	FARGO	ND		1		
578	19	57716	09/21/92	GORDON HS	GORDON	NE		1		
579	18	92404	07/11/92	MacARTHUR	IRVING	TX		0		
580	20	68521	10/31/92	LINCOLN	LINCOLN	NE		1		
581	19	68069	11/05/92	WATERLOO	WATERLOO	NE		0		
582	20	68504	02/29/92	NORTHEAST	LINCOLN	NE		1		
583	20	67401	10/09/92	SALINA HS	SALINA	KS		0		
584	18	42223	07/27/92	FT CAMPBELL HS	FT CAMPBEL	KY		0		
585	19	66441	02/13/92	JUNCT CTY HS	JUNCT CITY	KS		1		
586	20	66441	09/05/92	JUNCTION CTY HS	JUNCTION C	KS		0		
587	18	67220	11/03/92	WICHITA HEIGHTS	WICHITA	KS		0		
588	19	92346	09/05/92	SAN GORGONIO	HIGHLAND	CA		1		
589	20	59427	07/13/92	CUTBANK HS	CUTBANK	MT		3		
590	26	92708	08/31/92	FOUNTAIN VALLEY	FOUNTAIN V	CT		0		
591	19	28304	02/27/92					3		
592	18	83211	07/13/92	AMERICAN FALLS	AMERICAN F	ID		0		
593	19	84078	10/21/92	DECLO	DECLO	ID		0		
594		82070	07/27/92	LARAMIE HS	LARAMIE	WY		2		
595	19	80916	03/21/92	SIETTA HS	COLORADO S	CO		1		
596	20	80911	10/15/92	WIDEFIELD	SECURITY	CO		2		
597	23	80123	09/05/92					0	COLORADO AERO	CO
598	19	80751	04/02/92	STERLING HS	STERLING	CO		2		
599	18		11/05/92	VALLEY	ALBUQUERQU	NM		0		
600	18	80123	07/25/92	CHATFIELD	LITTLETON	CO		3		
601	21	80020	02/22/92	GRAND MESA	COLLBRAN	CO		0		
602	24	80524	02/27/92	ROLLY CENTRAL	FT COLLINS	CO		0	WYOMING TECHNIC	WY
603	20	50613	07/27/92	JANESVILLE HS	JANESVILLE	IA		0		
604	20	80010	08/22/92	BONNEVILLE	OGDEN	UT		0		
605	20	80221	03/14/92	SKYVIEW HS	DENVER	CO		3		

CASE	AGE	ZIP	DATE SUR	HS NAME	HSCITY	HS ST	AMC	YRS	TECHSCHN	TECHSCH
606	19	80532	07/23/92	PARK R-3	ESTESPARK	CO		2		
607	19	60817	03/21/92	ARLINGTON HS	ALRINGTON	OH		0		
608	17	81211	11/05/92	KENNEDY	DENVER	CO		0		
609	19	87121	08/24/92	WEST MESA	ALBUQUERQU	NM		0		
610	22	87501	02/27/92					0		
611	21	87501	02/27/92	SANTA FE HS	SANTA FE	NM		0		
612	19	88130	10/09/92	PORTALES HS	PORTALES	NM		0		
613	19	76248	07/25/92	KELLER HS	KELLER	TX		0		
614	20	85634	08/31/92	SABOQUIVARI	SELLS	AZ		0		
615	21	85254	10/21/92	HORIZON	SCOTTSDALE	AZ		2		
616	19	85228	03/05/92	COOLIDGE SENIOR	COOLIDGE	AZ		0		
617	19	85031	07/27/92	GLENDALE HS	PHEONIX	AZ		2		
618	19	85543	10/31/92	PIMA HS	PIMA	AZ		0		
619	18	85339	08/08/92	CARL HAYDEN	PHOENIX	AZ		0		
620	21	84124	02/13/92	COTTONWOOD HS	SALT LAKE	UT		1		
621	23	84701	09/05/92	WAYNE	BICKNELL	UT		0		
622		89436	07/27/92	REED HS	SPARKS			1		
623	20	97413	08/20/92	McKENZIE HIGH	FINN ROCK	OR		0		
624	18	90247	10/31/92	GARDENA	GARDENA	CA		0		
625	20	98258	07/25/92	SNOHOMISH HS	SNOHOMISH	WA		0		
626	30	90701	03/21/92					0		
627	19	98335	10/31/92	KELSO	KELSO	WA		0		
628	20	98908	09/02/92	W. VALLEY	YAKIMA	WA		0		
629	19	98663	02/15/92	HUDSONS BAY	VANCOVER	WA		0		
630	22	64015	10/17/92	MOSESLANE	MOSESLANE	WA		3		
631	21	98335	08/31/92	PENNINSULE HS	GIGHARBOR	WA		0		
632	21	97448	02/15/92	JUNCTION CITY	JUNCT CTY	OR		4		
633	26	32948	03/21/92	OAKRIDGE HS	OAKRIDGE	OR		0		
634	19	97202	03/12/92	REYNOLDS HS	TROUTDALE	OR		0		
635	21	97496	04/02/92	DOUGLAS HS	WINSTON	OR		0	NATIONAL EN CEN	
636	19	97360	02/15/92	SANTIAM HS	MILL CITY	OR		0		
637	22	97814	03/21/92					0		
638	20	97526	08/08/92	GRANTS PASS	GRANTS PAS	OR		3		
639	20	97301	08/31/92	McKAY HS	SALEM	OR		0		
640	26	92113	07/11/92	MORSE	SAN DIEGO	CA		0	ABC TECH	CA
641	20	17110	09/21/92	WILL PENN HS	HARRISBURG	PA		3		
642	26	94585	07/11/92	SEM YETRO	FAIRFIELD	CA		0	HEAID INST/TECH	CA
643	18	95531	09/02/92	DELNORTE	CRESCENT	CA		1		
644	22	94610	03/14/92	McCLATCHY HS	SACRAMENTO	CA		0		
645	19	95350	10/09/92	GRACE DAVIS	MODESTO	CA		3	UNIVERSAL TECH	AZ
646	20	91411	10/17/92	U.S.GRANT	JAN NOUS	CA		0		
647	20	94587	11/07/92	JAMES LOGAN	UNION CITY	CA		0		
648	19	91744	07/11/92	DEL PASO	WALNUT	CA		1		
649	18	95687	10/16/92	WILL C. WOOD	VACAVILLE	CA		3		
650	18	95635	09/21/92	FOLSOM HS	FOLSOM	CA		0		
651	20	95380	03/14/92	TURLOCK HS	TURLOCK	CA		3		
652	19	43106	07/27/92	BAD KREUZ HS	BAD KRUEZA	GY		2		
653	18		07/27/92	TUSTIN HS	TUSTIN	CA		0		
654	18	90255	09/29/92	BELL HS	BELL	CA		0		
655	20	77079	02/24/92					0		
656	21	95666	02/29/92	INDEPENDENCE CJ	JACKSON	CA		1		
657	18	90746	10/21/92	CARSON	CARSON	CA		0		
658	31	94901	02/15/92	SAN RAFAEL HS	SAN RAFAEL	CA		1		
659	24	91320	07/13/92	NEWBURY PARK HS	NEWBURY PK	CA		0		
660	18	95405	08/08/92	MONTGOMERY	SANTA ROSA	CA		1		

CASE	AGE	ZIP	DATE SUR	HS NAME	HSCITY	HS ST	AMC YRS	TECHSCHN	TECHSCHS
661	19	95136	07/09/92	ANDREW P. HILL	SAN JOSE	CA	0		
662	19	92020	11/07/92	CHAPPARAL	EL CAJON	CA	2		
663	19	92257	03/21/92				1		
664	20	94134	11/07/92	INTER. STUDIES	SAN FRANCI	CA	0		
665	18	92553	11/03/92	VALLEY VIEW	MORENO VAL	CA	0		
666	33	95040	09/05/92	EL MOLINO/LA GU	SEBASTOPOL	CA	0		
667	18	93611	09/28/92	CLOVIS HS	CLOVIS	CA	2		
668	26	68776	10/31/92	S. SIOUX	S. SIOUX	NE	0	WESTERN IOWA TE	IA
669	21	93422	03/26/92	NAIPA HS	NAIPA	CA	0		
670	22	92647	09/21/92	HUNTER HS	GRANITE	UT	0		
671	19	92545	10/09/92	ALESSAN DEO HS	HEMEL	CA	0		
672	20	95205	03/14/92	FRANKLIN HS	STOCKTON	CA	1		
673	18	90304	09/19/92	HAWTHORNE	INGLEWOOD	CA	1		
674	18	95119	10/21/92	LEMOORE	LEMOORE	CA	0		
675	19	92505	09/05/92	NORTE VISTA	RIVERSIDE	CA	1		
676	19	94533	07/25/92	VANDEN	FAIRFIELD	CA	2		
677	21	37066	10/09/92	GALLATIN HS	GALLATIN	TN	2		
678	27	95841	03/14/92				0		
679	19	92113	03/28/92	POINT LAMA HS	SAN DIEGO	CA	2		
680	18	96020	07/27/92	CHESTER HIGH	CHESTER	CA	4		
681	19	93257	07/11/92	MONACHE	PORTERVILL	CA	1	UNIVERSAL TECH	AZ
682	17	95901	09/19/92	LINDHURST HS	OLIVEHURST	CA	0		
683	30	90022	07/13/92	CANTWELL HS	MONTEBELLO	CA	0		
684	19	92701	11/03/92	SANTA ANA HS	SANTA ANA	CA	0		
685	24	92641	04/04/92	RANCHO ALAMITO	GARDEN GRO	CA	0		
686	20	64130	11/03/92	VAN HORN HS	INDEPENDEN	MO	1		
687	21	95030	10/31/92	BUENA PARK	BUENA PARK	CA	1		
688	19	91321	11/03/92	HART HS	NEWHALL	CA	0		
689	20	78204	11/02/92	LUTHER BURBANK	SAN ANTONI	TX	3	ARIZONA AUTOMO	TX
690	19	95129	03/14/92	CUPERLIANO HS	CUPERLIANO	CA	1		
691	19	94538	03/19/92	JF KENNEDY HS	FREMONT	CA	0		
692	22	93010	02/15/92				1		
693	21	97423	03/14/92	MAR VISTA HS	IMPER BEAC	CA	0		
694	20	91720	03/14/92	CORONA HS	CORONA	CA	0		
695	19	95758	04/09/92				0		
696	18	93454	04/02/92				0		
697	28	78412	07/11/92	OCEANSIDE	OCEANSIDE	CA	2		
698	23	90280	10/16/92	LYNWOOD ADULT	LYNWOOD	CA	0		
699		40160	07/23/92	NORTH POLE HS	FAIRBANKS	AK	2		
700	23	99701	02/27/92				0		
701	18	20003	07/11/92	EASTERN HIGH	WASHINGTON	DC	0		
702	19	20772	02/29/92				0		
703	23	20019	07/09/92	McKINLEY HIGH			1		
704	18	20002	07/25/92	McKINLEY SR HS	WASHINGTON	DC	0		
705	23	00841	10/31/92	SANTA CRUZ ACAD	ST CROIX	VI	0		
706	20	33189	11/02/92	SMITH RIDGE HS	MIAMI	FL	3		
707	18		10/21/92	TEH CAREEER CTR	NEWARK	NY	2		
708	24	79904	10/26/92	E.ANAROGUE SUP.	HUMACAO	PR	0		
709	23	00753	10/26/92	E.R. DELGADO	COROZAL	PR	0	AUTOMECA TECH	PR
710	21	93401	08/22/92	SAN LUIS	SAN LUIS O	CA	0		
711	27	00680	07/11/92	PONCE HIGH	PONCE	PR	0		
712	19	00916	11/07/92	JARDINES DE CAP	BAYAMON	PR	0		
713	18	79936	07/11/92	SERRIA VISTA	BALDWIN PK	CA	1		
714	24	87001	10/15/92	BERNALILLO	BERNALILLO	NM	0	ALBUQUERQUE	NM
715	19	86505	07/11/92	GANADO HIGH	GANADO	AZ	1	PHOENIX INST TE	AZ

CASE	AGE	ZIP	DATE SUR	HS NAME	HSCITY	HS ST	AMC	YRS	TECHSCHN	TECHSCH
716	20	93306	02/27/92	HIGHLAND HS	BAKERSFIEL	CA		0		
717	20	95817	09/05/92	WOODLAND HIGH	WOODLAND	CA		0		
718	20	39213	10/31/92	MURRAH	JACKSON	MS		0		
719	19	39176	11/03/92	EAST HOLMES ACA	WEST	MS		0		
720	25	33010	11/02/92	MIAMI SPRING HS	MIAMI SPRG	FL		0	NATIONAL EDUCAT	PA
721	22	33602	07/25/92	TAMPA BAY VOTEC	TAMPA	FL		1		
722	18	33012	09/21/92	HIALEAH SH	HIALEAH	FL		1		
723	29	33193	11/02/92	DE PAGRARY	MANAGUA	NI		0	MIAMI SR HS	FL
724	18	34761	08/22/92	WEST ORANGE	WINTERGARD	IL		0		
725	20	32506	10/16/92	ESCAMBIA	PENSACOLA	FL		0		
726	19	32570	07/09/92	MILTON HIGH	MILTON	FL		0		
727	19	34711	03/19/92					0		
728	20		10/21/92	PRIORY	KINGSTON	JA		0		
729	24	33613	10/31/92	CHAMBERLIN	TAMPA	FL		0		
730	20	32926	07/11/92	ROCKLEDGE	ROCKLEDGE	FL		4		
731	19	33549	11/03/92	LAND'O LAKES HS	LAND'O LAK	FL		0		
732	23		10/21/92	N. MIAMI	MIAMI	FL		0		
733	20	34741	10/21/92	OSCEOLA	KISSIMMEE	FL		0		
734	19	34610	09/19/92	HUDSON HS	HUDSON	FL		1		
735	24	33059	10/16/92	MIAMI CAROL CTY	MIAMI	FL		0		
736	25	33143	07/11/92	AMERICAN HIGH	MIA	FL		0		
737	18	32218	10/21/92	FIRST COAST	JACKSONVIL	FL		3	WESTSIDE SKILL	FL
738	21	33414	04/02/92	WELLINGTON HS	W PALM BEA	FL		0		
[illegible]	19	34223	07/11/92	LEMON BAY	ENGLEWOOD	FL		2		
[illegible]	24	85220	09/04/92	APACHE JUNCTION	APACHE JUN	AZ		2	ARIZ AUTO INST	AZ
[illegible]	19	69201	07/27/92	VALENTINE RURAL	VALENTINE	NE		1		
742	20	86442	10/16/92	CORTEZ	PHOENIX	AZ		0		
743	19	85201	07/25/92	WESTWOOD HS	MESA	AZ		2		
744	24		10/21/92	EXCUELA	NACO,SONOR			0		
745	20	85326	07/13/92	AUGUA TRIA	AVONDALE	AZ		1		
[illegible]	20	85603	03/28/92	BISBEE HS	BISHOP	AZ		0		
[illegible]	18	90262	09/05/92	CTVHS	LOS ANGELE	CA		0		
[illegible]	20	92548	08/10/92	PERRIS HIGH	PERRIS	CA		[illegible]	UNIVERSAL TECH	AZ
[illegible]	21	92506	03/28/92					[illegible]		
[illegible]	22	90061	08/31/92	T ROOSEVELT HS	LOS ANGLES	CA		[illegible]		
[illegible]	32	90006	11/05/92					0		
[illegible]	19	94539	03/14/92	MISSION SAN JOS	FREMONT	CA		2		
[illegible]	19	95687	07/27/92	VACAVILLE HS	VACARVILLE	CA		0		
[illegible]	19	92675	03/14/92	LAGUNA BEACH HS	LAGUNA BEA	CA		0		
[illegible]	19	91207	11/07/92	HERBERT HOOVER	GLENDALE	CA		0		
756	19	85201	08/08/92	WESTWOOD HIGH	MESA	AZ		1		
757	19	92626	10/31/92	HAMILTON HS	ANZA	CA		0		
758	18	75154	07/25/92	RED OAK HS	RED OAK	TX		0		
759	30	65011	03/21/92	LEXINGTON HS	LEXINGTON	MO		0		

CASE	TECSCHYR	TECHSCHG	TECHSCHD	COL YRS	COL GRD	COL DRG	MNTS F S	CODE	SEX	STUDYGRP
1	0	/ /		0	/ /		0	7	2	
2	2	05/13/92	CERTIFICAT	0	/ /		14	11	2	
3	0	/ /		0	/ /		1	1	2	2
4	0	/ /		0	/ /		0	3	2	1
5	0	/ /		0	/ /		12	1	2	2
6	0	/ /		0	/ /		0	7	2	
7	0	/ /		0	/ /		5	8	2	
8	0	/ /		0	/ /		10	3	2	1
9	3	01/15/91	MECHANIC	0	/ /		14	3	2	1
10	0	/ /		4	06/01/92	DIPLOMA	0	7	1	
11	0	/ /		0	/ /		0	8	2	
12	1	05/05/88	CARPENTRY	2	/ /		0	3	2	1
13	0	/ /		2	/ /		0	3	2	1
14	0	/ /		1	/ /		21	3	2	1
15	0	/ /		0	/ /		0	3	2	1
16	0	/ /		0	/ /		0	3	2	1
17	0	/ /		0	/ /		0	7	2	
18	0	/ /		1	/ /		0	7	2	
19	0	/ /		0	/ /		0	5	2	2
20	2	06/20/90	ASSOCIATE	0	/ /		0	3	2	1
21	0	/ /		0	/ /		0	7	2	
22	0	/ /		0	/ /		3	10	2	
23	0	/ /		0	/ /		0	[illegible]	2	
24	0	/ /		1	/ /		0	7	2	
25	0	/ /		0	/ /		0	3	1	1
26	0	/ /		0	/ /		0	3	1	1
[illegible]	0	/ /		[illegible]	/ /		0	3	2	1
28	0	/ /		3	/ /		0	4	2	2
29	2	06/09/90	ELECTRICAL	0	/ /		36	3	2	1
30	0	/ /		0	/ /		37	1	2	2
31	0	/ /		0	/ /		0	7	2	
32	2	06/06/92	CERTIFICAT	0	/ /		2	6	2	2
33	0	/ /		2	/ /		0	3	2	1
34	0	/ /		2	/ /		0	3	2	1
35	0	/ /		0	/ /		1	1	2	2
36	0	/ /		0	/ /		0	7	2	
[illegible]	0	/ /		0	/ /		0	7	2	
38	0	/ /		0	/ /		13	1	2	2
39	2	12/20/91	ASA	0	/ /		60	3	2	1
40	0	/ /		0	/ /		24	3	2	1
41	0	/ /		2	/ /		0	3	2	1
	1	06/01/89	???	2	06/06/91	???	0	3	1	1
43	0	/ /		0	/ /		0	3	1	1
44	0	/ /		0	/ /		0	7	1	
45	0	/ /		3	/ /		0	4	2	2
46	0	/ /		0	/ /		36	3	2	1
47	0	/ /		0	/ /		15	3	2	1
[illegible]	0	/ /		0	/ /		0	8	2	
[illegible]	0	/ /		2	01/02/81	AA	0	[illegible]	2	
[illegible]	0	/ /		0	/ /		0	4	2	2
51	0	/ /		1	/ /		0	3	2	1
52	0	/ /		1	/ /		0	[illegible]	2	
53	0	/ /		0	/ /		0	7	2	
54	0	/ /		2	/ /		0	3	2	1
55	0	/ /		0	/ /		0	7	1	

E	TECSCHYR	TECHSCHG	TECHSCHD	COL YRS	COL GRD	COL DRG	MNTS F S	CODE	SEX	STUDYGRP
56	0	/ /		2	06/01/78	ASA	0	7	1	
57	0	/ /		0	/ /		0	4	2	2
58	0	/ /		0	/ /		0	3	2	1
59	0	/ /		0	/ /		0	7	2	
60	0	/ /		0	/ /		0	4	2	2
61	0	/ /		0	/ /		0	3	2	1
62	0	/ /		0	/ /		27	5	2	2
63	0	/ /		0	/ /		0	8	2	
[illegible]	0	/ /		0	/ /		4	5	2	2
[illegible]	2	12/10/85	CERTIFICAT	0	/ /		84	3	1	1
66	0	/ /		0	/ /		3	1	2	2
67	0	/ /		0	/ /		0	5	2	2
68	2	/ /		0	/ /		7	6	2	2
69	0	/ /		2	/ /		0	4	2	2
70	1	/ /		0	/ /		55	6	2	2
71	0	/ /		0	/ /		0	7	2	
72	0	/ /		0	/ /		3	10	2	
73	1	03/26/92		0	/ /		4	11	2	
74	0	/ /		1	/ /		0	3	2	1
75	0	/ /		1	/ /		0	4	2	2
76	1	09/13/91	ASSOCIATES	0	/ /		10	2	2	2
[illegible]	2	06/13/91	AUTOMOTIVE	0	/ /		13	2	2	2
78	0	/ /		0	/ /		0	3	1	1
79	0	/ /		0	/ /		0	3	2	1
80	0	/ /		0	/ /		0	7	2	
81	0	/ /		0	/ /		4	10	2	
82	0	/ /		0	/ /		0	3	2	1
83	0	/ /		0	/ /		12	1	2	2
[illegible]	0	/ /		0	/ /		0	3	2	1
85	0	/ /		0	/ /		0	7	1	
86	0	/ /		0	/ /		0	7	2	
[illegible]	0	/ /		0	/ /		0	4	2	2
88	0	/ /		0	/ /		0	7	2	
89	0	/ /		0	/ /		1	1	2	2
90	0	/ /		0	/ /		0	7	2	
91	0	/ /		0	/ /		0	7	2	
92	0	/ /		0	/ /		1	1	2	2
93	0	/ /		0	/ /		0	10	2	
94	0	/ /		0	/ /		0	7	2	
95	0	/ /		0	/ /		0	7	2	
96	0	/ /		0	/ /		0	4	1	2
97	1	05/12/91		0	/ /		18	2	2	2
98	0	/ /		0	/ /		0	7	1	
99	0	/ /		0	/ /		0	7	2	
100	0	/ /		0	/ /		0	7	1	
101	0	/ /		0	/ /		0	7	1	
102	0	/ /		0	/ /		0	7	1	
[illegible]	0	/ /		0	/ /		2	1	2	2
104	0	/ /		0	/ /		0	7	2	
105	0	/ /		1	/ /		21	8	2	
106	0	/ /		1	/ /		0	4	2	2
[illegible]	1	/ /		1	/ /		4	2	2	2
108	0	/ /		0	/ /		0	7	1	
109	0	/ /		0	/ /		2	1	2	2
110	0	/ /		0	/ /		0	10	2	

CA	TECSCHYR	TECHSCHG	TECHSCHD	COL YRS	COL GRD	COL DRG	MNTS F S	CODE	SEX	STUDYGRP
1	0	/ /		2	/ /		0	4	1	2
112	0	/ /		0	/ /		0	3	1	1
113	2	06/11/92	CERTIFICAT	0	/ /		2	11	2	
114	0	/ /		1	/ /		0	7	2	
115	0	/ /		0	/ /		17	8	2	
116	0	/ /		0	/ /		15	1	2	2
117	0	/ /		0	/ /		13	1	2	2
118	2	/ /		0	/ /		0	3	2	1
119	0	/ /		0	/ /		2	1	2	2
120	0	/ /		0	/ /		0	1	2	2
121	0	/ /		3	/ /		0	4	2	2
122	0	/ /		0	/ /		0	5	2	2
123	0	/ /		0	/ /		0	8	2	
124	0	/ /		0	/ /		0	3	2	1
125	0	/ /		1	/ /		0	7	2	
126	0	/ /		0	/ /		0	7	2	
127	1	06/12/88	AUTO TECHN	0	/ /		48	6	2	2
128	0	/ /		0	/ /		0	4	2	2
129	0	/ /		1	/ /		0	4	2	2
130	0	/ /		0	/ /		0	3	2	1
131	0	/ /		0	/ /		0	3	2	1
132	2	07/01/92		0	/ /		2	1	2	2
133	0	/ /		0	/ /		0	3	2	1
134	0	/ /		0	/ /		0	3	2	1
135	0	/ /		0	/ /		0	4	2	
136	0	/ /		0	/ /		0	4	2	2
137	2	06/02/91		0	/ /		0	6	2	2
138	0	/ /		0	/ /		0	8	2	
139	0	/ /		0	/ /		0	3	1	
140	0	/ /		0	/ /		0	7	2	
141	0	/ /		0	/ /		0	5	2	2
142	0	/ /		0	/ /		0	3	2	1
143	0	/ /		0	/ /		0	7	2	
144	0	/ /		0	/ /		0	7	2	
145	0	/ /		3	/ /		0	7	2	
146	0	/ /		0	/ /		0	7	2	
147	0	/ /		0	/ /		0	7	2	
148	0	/ /		0	/ /		2	2	1	2
149	0	/ /		0			4	1	2	2
150	0	/ /		0	/ /		0	8	2	
151	0	/ /		0	/ /		0	3	1	1
152	0	/ /		0	/ /		0	7	2	
153	0	/ /		0	/ /		0	3	2	1
154	0	/ /		0	/ /		2	10	2	
155	1	/ /		1	/ /		0	3	2	1
156	0	/ /		0	/ /		0	3	2	1
157	0	/ /		0	/ /		0	7	2	
158	1	/ /		0	/ /		48	3	2	1
159	0	/ /		0	/ /		0	7	1	
160	0	/ /		0	/ /		0	3	2	1
161	0	/ /		4	05/10/89	BUS/ECONOM	0	4	2	2
162	0	/ /		0	/ /		4	1	2	2
163	0	/ /		0	/ /		0	7	2	
164	0	/ /		0	/ /		0	3	1	1
165	0	/ /		0	/ /		0	7	2	

ASE	TECSCHYR	TECHSCHG	TECHSCHD	COL YRS	COL GRD	COL DRG	MNTS F	CODE	SEX	STUDYGRP
166	0	/ /		0	/ /		0	3	1	1
.67	0	/ /		0	/ /		0	3	1	1
.68	1	/ /		2	/ /		12	3	2	1
.69	0	/ /		0	/ /		0	7	2	
170	2	06/04/92	CERTIFICAT	0	/ /		0	9	2	
171	0	/ /		0	/ /		0	1	2	2
172	0	/ /		0	/ /		0	8	2	
173	0	/ /		0	/ /		4	7	2	
174	0	/ /		1	/ /		0	4	2	2
175	0	/ /		0	/ /		48	10	2	
176	0	/ /		0	/ /		0	7	1	
177	0	/ /		0	/ /		0	7	2	
178	0	/ /		0	/ /		0	3	1	1
179	0	/ /		0	/ /		0	7	2	
180	2	05/25/92		0	/ /		3	10	1	
.81	0	/ /		0	/ /		0	7	1	
182	0	/ /		0	/ /		0	1	2	2
183	0	/ /		0	/ /		0	7	2	
.84	0	/ /		0	/ /		4	8	2	
185	0	/ /		0	/ /		2	1	2	2
6	0	/ /		0	/ /		0	7	2	
7	0	/ /		0	/ /		0	7	2	
8	0	/ /		0	/ /		0	7	2	
9	0	/ /		3	/ /		0	7	2	
	0	/ /		0	/ /		0	3	2	1
.91	0	/ /		0	/ /		0	7	2	
192	0	/ /		0	/ /		0	7	2	
.93	0	/ /		0	/ /		0	4	2	2
194	0	/ /		0	/ /		0	7	2	
.95	0	/ /		0	/ /		0	7	2	
6	0	/ /		0	/ /		0	7	2	
	0	/ /		0	/ /		2	5	2	2
	0	/ /		0	/ /		4	1	2	2
	0	/ /		0	/ /		0	7	2	
200	0	/ /		0	/ /		0	7	1	
201	0	/ /		0	/ /		48	8	2	
202	0	/ /		0	/ /		96	3	2	1
203	0	/ /		0	/ /		0	5	2	2
204	0	/ /		0	/ /		0	4	2	2
205	0	/ /		0	/ /		0	10	2	
206	0	/ /		0	/ /		0	3	2	1
	0	/ /		0	/ /		3	5	2	2
208	0	/ /		0	/ /		0	7	2	
209	0	/ /		0	/ /		0	7	2	
210	0	/ /		0	/ /		0	3	2	1
11	0	/ /		0	/ /		2	3	2	1
12	0	/ /		0	/ /		0	4	2	2
.3	2	06/14/91	DIPLOMA	0	/ /		0	2	2	2
.4	0	/ /		1	/ /		0	7	2	
.5	0	/ /		0	/ /		12	10	2	
6	0	/ /		0	/ /		0	3	2	2
7	0	/ /		0	/ /		0	4	1	2
.8	0	/ /		0	/ /		0	3	2	2
.9	0	/ /		0	/ /		8	3	1	2
20	0	/ /		2	/ /		0	4	2	2

ASE	TECSCHYR	TECHSCHG	TECHSCHD	COL YRS	COL GRD	COL DRG	MNTS	F S	CODE	SEX	STUDYGRP
221	0	/ /		0	/ /			0	7	2	
222	0	/ /		0	/ /			4	7	2	
223	0	/ /		0	/ /			0	7	2	
224	0	/ /		0	/ /			0	7	2	
25	0	/ /		0	/ /			0	7	2	
26	0	/ /		0	/ /			0	4	2	2
27	0	/ /		0	/ /			48	8	2	
28	0	/ /		0	/ /			0	4	2	2
229	0	/ /		0	/ /			0	7	2	
230	0	/ /		0	/ /			0	3	2	1
231	0	/ /		0	/ /			0	3	2	1
2	0	/ /		0	/ /			0	7	2	
233	0	/ /		0	/ /			0	8	2	
234	0	/ /		0	/ /			0	8	2	
235	0	/ /		0	/ /			0	7	2	
236	0	/ /		0	/ /			0	3	1	1
237	0	/ /		0	/ /			0	7	2	
238	0	/ /		0	/ /			0	3	2	1
239	0	/ /		0	/ /			0	7	1	
240	0	/ /		0	/ /			24	3	2	1
241	0	/ /		0	/ /			0	3	1	1
242	0	/ /		0	/ /			0	3	2	1
243	0	/ /		0	/ /			0	10	1	
244	2	06/09/91	ASSOCIATE	0	/ /			0	9	2	
245	0	/ /		0	/ /			0	7	1	
246	0	/ /		0	/ /			0	7	2	
247	0	/ /		0	/ /			5	1	2	2
48	1	06/04/85	CERTIFICAT	0	/ /			84	9	2	
249	0	/ /		0	/ /			24	8	2	
250	0	/ /		0	/ /			0	3	2	1
251	0	/ /		0	/ /			15	10	2	
52	0	/ /		0	/ /			0	7	2	
53	0	/ /		0	/ /			0	7	2	
254	0	/ /		0	/ /			14	3	2	1
255	0	/ /		0	/ /			0	3	2	1
256	0	/ /		0	/ /			96	2	2	1
57	0	/ /		0	/ /			6	2	2	1
58	0	/ /		0	/ /			0	3	2	1
259	0	/ /		0	/ /			1	1	2	2
260	0	/ /		0	/ /			0	4	2	2
261	0	/ /		0	/ /			0	3	2	1
262	0	/ /		0	/ /			73	1	2	2
263	0	/ /		0	/ /			0	3	2	1
264	0	/ /		0	/ /			0	3	2	1
65	1	10/30/89	DIPLOMA	0	/ /			33	2	2	2
266	0	/ /		0	/ /			0	7	2	
267	0	/ /		0	/ /			0	4	2	2
268	0	/ /		0	/ /			0	1	2	2
269	0	/ /		0	/ /			0	4	2	2
70	0	/ /		0	/ /			12	10	2	
71	0	/ /		0	/ /			0	3	2	1
72	0	/ /		0	/ /			0	10	2	
273	0	/ /		0	/ /			0	3	1	1
274	0	/ /		0	/ /			0	7	2	
75	1	/ /	ASSOCIATE	0	/ /			0	3	1	1

CASE	TECSCHYR	TECHSCHG	TECHSCHD	COL YRS	COL GRD	COL DRG	MNTS F S	CODE	SEX	STUDYGRP
276	0	/ /		0	/ /		3	1	2	2
[illegible]	0	/ /		0	/ /		48	10	2	
	0	/ /		0	/ /		0	3	1	1
[illegible]	0	/ /		0	/ /		0	7	2	
[illegible]	0	/ /		0	/ /		0	7	2	
[illegible]	2	06/15/90	ASA, DIESE	0	/ /		36	2	2	2
282	0	/ /		0	/ /		0	5	2	2
283	0	/ /		2	/ /		24	2	2	2
284	0	/ /		0	/ /		0	3	1	1
285	0	/ /		0	/ /		0	7	2	
286	0	/ /		0	/ /		0	7	2	
287	0	/ /		0	/ /		0	3	2	1
288	2	05/31/90	CERTIFICAT	2	03/15/92	AM/DSL TEC	36	2	2	2
289	0	/ /		1	/ /		0	3	2	1
290	0	/ /		0	/ /		0	3	2	1
291	0	/ /		0	/ /		0	7	2	
292	0	/ /		0	/ /		0	5	2	2
293	0	/ /		0	/ /		0	4	2	2
294	0	/ /		0	/ /		0	3	2	1
295	0	/ /		0	/ /		0	10	2	
296	0	/ /		0	/ /		0	7	2	
297	0	/ /		0	/ /		6	1	2	2
298	0	/ /		0	/ /		28	3	2	1
	1	04/28/90	A.D.T.T.	0	/ /		24	2	2	2
300	0	/ /		0	/ /		14	3	2	1
301	0	/ /		0	/ /		0	4	2	2
302	0	/ /		0	/ /		12	1	2	2
303	0	/ /		0	/ /		24	7	2	
304	0	/ /		0	/ /		60	3	2	1
305	1	04/12/92		0	/ /		3	9	2	
306	0	/ /		0	/ /		1	1	2	2
307	0	/ /		0	/ /		0	10	2	
308	0	/ /		0	/ /		0	7	2	
309	0	/ /		0	/ /		0	7	2	
310	0	/ /		0	/ /		0	7	2	
311	0	/ /		0	/ /		36	10	2	
312	0	/ /		0	/ /		0	3	2	1
313	0	/ /		0	/ /		3	1	2	2
314	0	/ /		0	/ /		2	1	2	2
315	0	/ /		0	/ /		0	3	2	1
316	0	/ /		0	/ /		0	4	2	2
317	0	/ /		3	/ /		0	3	1	1
318	0	/ /		0	/ /		2	1	2	2
319	0	/ /		0	/ /		6	#NULL!	1	
320	0	/ /		0	/ /		0	3	2	1
321	0	/ /		0	07/01/92	BS APPLIED	24	1	2	2
322	0	/ /		0	/ /		0	3	2	1
323	0	/ /		1	/ /		30	3	2	1
324	0	/ /		1	/ /		0	3	2	1
325	0	/ /		0	/ /		36	1	2	2
326	1	10/13/89	DIPLOMA	0	/ /		27	3	1	1
327	0	/ /		0	/ /		0	7	1	
[illegible]	0	/ /		2	/ /		36	8	2	
329	0	/ /		4	/ /		0	7	1	
330	1	05/04/92	CERTIFICAT	0	/ /		3	2	2	2

CASE	TECSCHYR	TECHSCHG	TECHSCHD	COL YRS	COL GRD	COL DRG	HNTS	F S	CODE	SEX	STUDYGRP
331	0	/ /		0	/ /		0		7	2	
332	0	/ /		0	/ /		0		3	2	1
333	0	/ /		0	/ /		0		8	2	
334	1	01/31/91	CERT.COMPL	2	05/18/90	ASA	21		2	2	2
335	0	/ /		0	/ /		0		3	2	1
336	0	/ /		0	/ /		0		7	2	
337	0	/ /		0	/ /		24		3	2	1
338	0	/ /		3	05/15/88	AUTOMECHAN	48		2	2	2
339	0	/ /		4	/ /		0		4	2	2
340	0	/ /		0	/ /		0		8	2	
341	0	/ /		0	/ /		0		3	2	1
342	0	/ /		2	/ /		0		3	2	1
343	0	/ /		0	/ /		36		3	2	1
344	0	/ /		2	/ /		0		7	2	
345	0	/ /		0	/ /		0		7	1	
346	0	/ /		0	/ /		0		7	2	
347	0	/ /		0	/ /		15		3	2	1
348	0	/ /		0	/ /		0		7	1	
349	0	/ /		0	/ /		0		7	2	
350	0	/ /		0	/ /		0		7	1	
351	0	/ /		0	/ /		0		7	2	
352	2	09/01/87	ASA	0	/ /		48		2	2	2
353	0	/ /		0	/ /		48		3	2	1
354	0	/ /		0	/ /		0		3	1	1
355	0	/ /		0	/ /		0		3	1	1
356	0	/ /		0	/ /		0		3	2	1
357	0	/ /		0	/ /		0		3	2	1
358	0	/ /		0	/ /		0		7	1	
359	0	/ /		1	/ /		16		1	1	2
360	0	/ /		0	/ /		3		1	2	2
361	0	/ /		0	/ /		0		7	1	
362	2	01/25/92	COMP ACCT	0	/ /		0		3	1	1
363	0	/ /		0	/ /		0		7	2	
364	0	/ /		1	/ /		0		4	2	2
365	0	/ /		0	/ /		0		1	2	2
366	0	/ /		0	/ /		72		3	2	1
367	0	/ /		0	/ /		0		7	2	
368	0	/ /		0	/ /		0		3	1	1
369	0	/ /		3	05/17/89	ASSOCIATE	0		3	2	1
370	0	/ /		0	/ /		0		5	2	2
371	0	/ /		2	/ /		0		3	2	1
372	0	/ /		0	/ /		20		3	2	1
373	0	/ /		0	/ /		0		7	2	
374	0	/ /		0	/ /		0		8	2	
375	0	/ /		0	/ /		0		3	1	1
376	0	/ /		0	/ /		0		7	1	
377	0	/ /		0	/ /		0		3	2	1
378	0	/ /		0	/ /		0		7	2	
379	0	/ /		0	/ /		39		5	2	2
380	1	/ /		0	/ /		48		1	2	2
381	0	/ /		0	/ /		60		1	2	2
382	0	/ /		0	/ /		0		3	1	1
383	0	/ /		0	/ /		0		8	2	
384	0	/ /		0	/ /		0		4	2	2
385	0	/ /		0	/ /		0		7	2	

	TECSCHYR	TECHSCHG	TECHSCHD	COL YRS	COL GRD	COL DRG	HRS	P S	CODE	SEX	STUDYGRP
	0	/ /		1	/ /			0	7	2	
87	0	/ /		0	/ /			2	1	2	2
88	0	/ /		0	/ /			0	8	2	
	0	/ /		0	/ /			0	10	2	
	0	/ /		0	/ /			0	7	2	
391	0	/ /		0	/ /			20	10	2	
392	0	/ /		0	/ /			0	3	2	1
393	0	/ /		0	/ /			0	6	2	2
394	0	/ /		0	/ /			48	1	2	2
395	0	/ /		0	/ /			0	11	1	2
396	0	/ /		0	/ /			24	2	2	2
397	0	/ /		0	/ /			0	3	2	1
398	0	/ /		0	/ /			0	7	2	
	0	/ /		2	/ /			0	7	2	
	0	/ /		0	/ /			0	3	2	1
	0	/ /		0	/ /			2	10	2	
2	4	/ /	WELDING	0	/ /			0	6	2	2
	0	/ /		0	/ /			0	7	2	
4	0	/ /		2	/ /			0	3	2	1
	0	/ /		0	/ /			0	3	2	1
6	0	/ /		0	/ /			0	6	2	
	0	/ /		0	/ /			0	6	2	
	1	/ /	AUTO MECH	0	/ /			24	2	2	2
	0	/ /		0	/ /			0	3	2	1
	0	/ /		0	/ /			0	3	2	1
	2	05/05/90		0	/ /			24	2	2	2
12	0	/ /		0	/ /			0	3	2	1
13	0	/ /		0	/ /			0	3	2	1
14	0	/ /		0	/ /			0	1	2	2
15	0	/ /		0	/ /			0	7	2	
6	0	/ /		0	/ /			0	4	2	2
	0	/ /		0	/ /			0	3	2	1
8	0	/ /		0	/ /			0	7	2	
9	0	/ /		0	/ /			0	4	1	2
20	0	/ /		0	/ /			0	7	2	
421	0	/ /		0	/ /			45	3	2	1
422	0	/ /		0	/ /			8	3	2	1
23	0	/ /		0	/ /			26	1	2	2
	0	/ /		0	/ /			0	7	2	
25	0	/ /		0	/ /			3	1	2	2
	2	07/12/92	DIPLOMA	0	/ /			6	2	2	2
	3	/ /		0	/ /			0	9	2	
28	0	/ /		1	/ /			0	3	2	1
29	0	/ /		0	/ /			0	7	2	
0	0	/ /		0	/ /			0	7	2	
1	1	06/14/92	NONE	0	/ /			0	3	2	1
2	1	06/20/92	CERTIFICAT	0	/ /			4	2	2	2
	0	/ /		0	/ /			0	3	2	1
34	0	/ /		0	/ /			0	7	2	
435	0	/ /		0	/ /			0	3	1	1
36	0	/ /		0	/ /			0	3	1	1
37	0	/ /		4	06/24/86	BS, FINANC		0	3	2	1
38	0	/ /		0	/ /			0	7	2	
39	0	/ /		0	/ /			0	7	2	
440	0	/ /		0	/ /			0	7	2	

ASE	TECSCHYP	TECHSCHG	TECHSCHD	COL YRS	COL GRD	COL ORG	MNTS P S	CODE	SEX	STUDYGRP
441	0	/ /		0	/ /		4	1	2	2
442	0	/ /		0	/ /		0	7	2	
443	1	/ /		0	/ /		0	9	1	
444	0	/ /		0	/ /		0	7	1	
445	0	/ /		2	05/15/90	ASA, ENGP	48	5	2	2
446	0	/ /		0	/ /		0	7	2	
447	0	/ /		0	/ /		26	8	2	
448	2	12/19/91		0	/ /		9	2	2	2
[illegible]	0	/ /		0	/ /		0	7	2	
450	0	/ /		1	/ /		15	3	2	1
451	0	/ /		0	/ /		0	7	2	
452	0	/ /		2	/ /		0	3	2	1
[illegible]	0	/ /		1	/ /		0	7	2	
454	0	/ /		0	/ /		0	4	2	2
455	0	/ /		0	/ /		0	7	1	
456	0	/ /		0	/ /		0	7	2	
457	0	/ /		0	/ /		0	7	1	
[illegible]	0	/ /		0	/ /		0	7	2	
[illegible]	0	/ /		0	/ /		0	7	1	
	0	/ /		0	/ /		0	#NULL!	2	
	4	08/25/82	ASA AUTOMO	0	/ /		105	2	2	2
	0	/ /		0	/ /		0	7	2	
[illegible]	0	/ /		0	/ /		0	8	2	
[illegible]	0	/ /		0	/ /		0	7	2	
	0	/ /		0	/ /		0	7	2	
[illegible]	0	/ /		0	/ /		0	3	2	1
[illegible]	0	/ /		0	/ /		0	3	1	1
468	2	01/11/92	ASA MEDICA	0	/ /		0	3	1	1
[illegible]	0	/ /		0	/ /		0	7	2	
	0	/ /		0	/ /		0	7	1	
	0	/ /		0	/ /		12	5	2	2
[illegible]	2	03/16/92	MECHANIC	0	/ /		4	3	2	2
[illegible]	0	/ /		0	/ /		0	3	1	1
474	3	04/01/89	AUTO TECH	0	/ /		26	3	2	1
[illegible]	0	/ /		0	/ /		0	7	1	
476	0	/ /		0	/ /		0	7	2	
[illegible]	0	/ /		0	/ /		0	8	2	
478	0	/ /		1	/ /		0	7	2	
479	0	/ /		0	/ /		0	6	2	2
[illegible]	2	/ /		0	/ /		49	2	2	2
	0	/ /		0	/ /		3	1	2	2
	1	05/22/92	ASSOCIATE	0	/ /		2	2	2	2
	0	/ /		0	/ /		0	5	2	
484	0	/ /		0	/ /		0	4	2	2
485	3	06/13/92	CERTIFICAT	0	/ /		2	11	2	
[illegible]	0	/ /		0	/ /		0	7	1	
[illegible]	0	/ /		0	/ /		0	3	2	1
	0	/ /		0	/ /		10	3	2	1
489	2	07/05/91	ASA, DIESE	2	/ /		12	3	2	1
490	0	/ /		0	/ /		0	11	2	
[illegible]	0	/ /		5	05/04/84	BPO	0	3	2	1
492	0	/ /		0	/ /		0	7	2	
493	0	/ /		0	/ /		0	5	2	
494	0	/ /		0	/ /		0	7	2	
[illegible]	0	/ /		1	/ /		0	7	1	

SE	TECSCHYR	TECHSCHG	TECHSCHD	COL YRS	COL GRD	COL DRG	MNTS F S	CODE	SEX	STUDYGRP
496	0	/ /		0	/ /		0	7	2	
497	0	/ /		2	/ /	ASA	0	3	2	1
498	0	/ /		1	/ /		16	8	2	
[illegible]	0	/ /		0	/ /		0	3	2	1
500	0	/ /		0	/ /		0	7	2	
501	0	/ /		0	/ /		0	7	1	
[illegible]	0	/ /		1	/ /		0	7	2	
	0	/ /		0	/ /		0	7	2	
[illegible]	0	/ /		2	/ /		0	3	2	1
	0	/ /		0	/ /		4	5	2	2
[illegible]	0	/ /		1	/ /		18	3	2	1
507	0	/ /		0	/ /		0	4	2	2
[illegible]	0	/ /		1	/ /		12	11	2	
	0	/ /		0	/ /		0	4	2	2
	0	/ /		0	/ /		0	7	1	
[illegible]	0	/ /		0	/ /		0	7	2	
512	0	/ /		0	/ /		0	5	2	2
513	1	05/29/92		0	/ /		6	10	2	
514	0	/ /		0	/ /		0	8	2	
	0	/ /		0	/ /		0	3	2	1
[illegible]	0	/ /		0	/ /		0	7	1	
517	0	/ /		0	/ /		0	4	2	2
518	0	/ /		0	/ /		2	5	2	2
519	0	/ /		2	/ /		0	7	1	
[illegible]	0	/ /		0	/ /		0	7	2	
521	0	/ /		0	/ /		0	7	2	
	0	/ /		0	/ /		0	7	2	
	0	/ /		0	/ /		0	3	1	1
524	0	/ /		0	/ /		8	1	2	2
	0	/ /		1	/ /		35	3	2	1
	0	/ /		0	/ /		0	7	2	
	0	/ /		1	/ /		0	4	2	2
	0	/ /		0	/ /		0	7	2	
[illegible]	0	/ /		3	/ /		0	4	2	2
	0	/ /		0	/ /		0	8	2	
	0	/ /		1	/ /		0	3	2	1
	0	/ /		0	/ /		5	2	2	2
[illegible]	0	/ /		0	/ /		0	8	2	
534	0	/ /		0	/ /		0	3	2	1
	0	/ /		0	/ /		0	7	2	
[illegible]	0	/ /		2	/ /		0	7	1	
[illegible]	1	09/31/91	COMP DRAFT	2	/ /		0	8	2	
[illegible]	0	/ /		0	/ /		0	7	2	
[illegible]	0	/ /		0	/ /		0	7	2	
545	0	/ /		0	/ /		0	3	2	1
	0	01/07/92	MED ASST	0	/ /		0	8	1	2
542	1	/ /		0	/ /		2	6	2	2
543	0	/ /		0	/ /		0	7	1	1
[illegible]	0	/ /		0	/ /		0	4	[illegible]	2
[illegible]	0	/ /		0	/ /		0	3	2	2
546	0	/ /		0	/ /		12	1	2	2
547	0	/ /		0	/ /		0	5	2	
548	0	/ /		0	/ /		38	1	2	2
549	0	/ /		0	/ /		0	3	2	
	0	/ /		0	/ /		0	3	1	2

CASE	TECSCHYR	TECHSCHG	TECHSCHD	COL YRS	COL GRD	COL DRG	MNTS F S	CODE	SEX	STUDYGRP
551	0	/ /		0	/ /		0	3	2	1
552	0	/ /		0	/ /		96	3	1	1
553	0	/ /		0	/ /		0	3	2	1
[illegible]	0	/ /		3	/ /		0	7	2	
555	1	/ /	TECHNICAL	0	/ /		0	6	2	2
556	0	/ /		0	/ /		0	7	2	
557	0	/ /		2	/ /		0	7	2	
558	0	/ /		0	/ /		12	1	2	2
559	0	/ /		0	/ /		0	5	2	2
560	0	/ /		0	/ /		0	10	2	
561	0	/ /		1	/ /		0	4	2	2
56[illegible]	0	/ /		0	/ /		0	7	1	
563	0	/ /		1	/ /		0	7	2	
564	0	/ /		0	/ /		0	1	2	2
565	0	/ /		0	/ /		0	3	2	1
566	0	/ /		0	/ /		0	4	2	2
567	0	/ /		0	/ /		0	7	2	
568	1	/ /		1	/ /		0	9	2	
569	1	02/23/91	AUTO BODY	0	/ /		12	3	2	1
570	0	/ /		0	/ /		0	7	1	
571	0	/ /		0	/ /		0	3	2	1
572	1	09/21/91	DIPLOMA	0	/ /		6	3	2	1
573	1	07/03/91	AUTODIESEL	0	/ /		12	2	2	2
574	2	05/26/92		0	/ /		18	3	2	1
[illegible]5	2	07/07/92	ELECTRICAL	0	/ /		0	9	2	
576	2	/ /		0	/ /		18	1	2	2
[illegible]	0	/ /		0	/ /		0	8	2	
578	0	/ /		0	/ /		0	8	2	
579	0	/ /		0	/ /		0	7	2	
580	0	/ /		0	/ /		0	8	2	
581	0	/ /		0	/ /		0	7	2	
[illegible]	0	/ /		0	/ /		30	3	2	1
	0	/ /		2	/ /		0	7	2	
584	0	/ /		0	/ /		0	7	2	
[illegible]	0	/ /		0	/ /		9	3	2	1
	0	/ /		0	/ /		0	7	1	
[illegible]7	0	/ /		0	/ /		0	7	2	
	0	/ /		0	/ /		0	8	2	
[illegible]	0	/ /		1	/ /		0	5	2	2
[illegible]	0	/ /		4	05/15/88	BS PHYSICS	0	3	1	1
591	0	/ /		0	/ /		18	3	2	1
[illegible]	0	/ /		0	/ /		0	7	2	
[illegible]	0	/ /		0	/ /		0	4	2	2
[illegible]	0	/ /		1	/ /		0	1	2	2
[illegible]5	0	/ /		0	/ /		36	3	1	1
[illegible]	0	/ /		0	/ /		0	8	2	
[illegible]	2	07/07/91		0	/ /		0	2	2	2
[illegible]8	0	/ /		0	/ /		14	3	2	1
[illegible]	0	/ /		0	/ /		0	7	2	
	1	06/03/92	CERTIFICAT	0	/ /		1	2	2	2
	1	02/28/91		0	/ /		0	3	2	1
	2	/ /	AUTO TECH	0	/ /		18	3	2	1
	1	03/20/91	DIPLOMA	0	/ /		4	2	2	2
	0	/ /		2	/ /		0	7	1	
	0	/ /		0	/ /		12	3	2	1

CASE	TECSCHYR	TECHSCHG	TECHSCHD	COL YRS	COL GRD	COL DRG	MNTS F S.	CODE	SEX	STUDYGRP
606	0	/ /		0	/ /		14	1	2	2
607	0	/ /		0	/ /		0	3	1	1
608	0	/ /		0	/ /		0	7	2	
609	0	/ /		0	/ /		0	7	2	
610	2	/ /		0	/ /		0	3	2	1
611	0	/ /		0	/ /		0	3	2	1
612	0	/ /		0	/ /		0	7	2	
613	0	/ /		0	/ /		0	7	1	
614	0	/ /		0	/ /		0	3	2	1
615	0	/ /		1	/ /		60	5	2	2
616	0	/ /		1	/ /		0	7	2	
617	0	/ /		0	/ /		24	10	2	
618	0	/ /		1	/ /		0	7	1	
619	0	/ /		0	/ /		0	7	2	
620	0	/ /		0	/ /		48	3	2	1
621	0	/ /		0	/ /		0	7	2	
622	0	/ /		0	/ /		0	5	2	2
623	0	/ /		0	/ /		0	7	2	
624	0	/ /		0	/ /		0	7	2	
625	1	06/10/90	GRAPH/PRIN	0	/ /		0	9	1	
626	0	/ /		5	04/30/86	BS ENG	0	3	1	1
627	0	/ /		1	/ /		0	7	2	
628	0	/ /		0	/ /		0	7	2	
629	0	/ /		0	/ /		0	3	2	1
630	0	/ /		0	/ /		0	5	2	2
631	0	/ /		1	/ /		0	3	2	1
632	0	/ /		0	/ /		24	3	2	1
633	0	/ /		4	/ /	SPACE SCI	0	3	2	1
634	0	/ /		0	/ /		0	3	2	1
635	2	10/01/91	ASA ADVERT	0	/ /		0	3	1	1
636	0	/ /		0	/ /		0	3	2	1
	0	/ /		0	/ /		0	3	2	1
638	0	/ /		0	/ /		16	5	2	2
	0	/ /		2	/ /		0	3	2	1
	1	12/13/91	DIPLOMA	1	/ /		7	2	2	2
	0	/ /		0	/ /		16	10	2	
642	2	10/30/90	CERTIFICAT	0	/ /		15	11	2	
643	0	/ /		0	/ /		3	8	2	
644	0	/ /		2	/ /		0	3	1	1
645	1	04/24/92	DIPLOMA	0	/ /		6	2	2	2
646	0	/ /		0	/ /		0	4	2	2
647	0	/ /		0	/ /		0	7	2	
648	0	/ /		0	/ /		0	8	2	
649	0	/ /		0	/ /		8	8	2	
650	0	/ /		0	/ /		0	7	1	
651	0	/ /		0	/ /		24	3	2	1
	0	/ /		0	/ /		2	8	2	
3	0	/ /		0	/ /		0	4	2	2
	0	/ /		0	/ /		0	4	2	2
	0	/ /		0	/ /		0	3	2	1
	0	/ /		0	/ /		0	3	2	1
	0	/ /		1	/ /		0	7	1	
	0	/ /		3	/ /	AA, BUS AD	24	3	2	
659	0	/ /		1	/ /		0	7	2	
	0	/ /		0	/ /		38	1	2	1

CASE	TECSCHYR	TECHSCHG	TECHSCHD	COL YRS	COL GRD	COL DRG	MNTS F S	CODE	SEX	STUDYGRP
661	0	/ /		0	/ /		0	7	2	
662	0	/ /		0	/ /		0	8	2	
663	1	/ /		0	/ /		4	3	2	1
664	0	/ /		1	/ /		0	7	2	
665	0	/ /		0	/ /		0	4	2	2
666	0	/ /		2	/ /		0	7	1	
667	0	/ /		0	/ /		4	1	2	2
668	1	05/15/92	PRAC NURSE	0	/ /		0	9	1	
669	0	/ /		1	/ /		0	3	2	1
670	0	/ /		0	/ /		0	7	2	
671	0	/ /		0	/ /		0	7	2	
672	0	/ /		0	/ /		40	3	2	1
673	0	/ /		0	/ /		0	8	2	
674	0	/ /		0	/ /		0	7	2	
675	0	/ /		1	/ /		0	5	2	2
676	0	/ /		0	/ /		1	10	2	
677	0	/ /		0	/ /		0	1	2	2
678	0	/ /		0	/ /		0	3	1	1
679	0	/ /		0	/ /		14	3	2	1
680	0	/ /		0	/ /		0	2	2	2
681	1	04/03/92	CERTIFICAT	0	/ /		3	2	2	2
682	0	/ /		0	/ /		0	7	1	
683	0	/ /		0	/ /		0	7	2	
684	0	/ /		0	/ /		0	7	2	
685	0	/ /		2	/ /		0	3	2	1
[illegible]	0	/ /		0	/ /		0	8	2	
687	0	/ /		0	/ /		0	5	2	2
688	0	/ /		0	/ /		0	4	2	2
689	2	04/28/92	ASSOCIATE	0	/ /		7	2	2	2
690	0	/ /		0	/ /		35	3	2	1
691	0	/ /		1	/ /		0	3	1	1
692	0	/ /		0	/ /		60	3	2	1
693	0	/ /		0	/ /		0	3	2	1
694	0	/ /		0	/ /		0	3	2	1
695	0	/ /		0	/ /		0	3	2	1
696	0	/ /		0	/ /		0	3	2	1
697	0	/ /		0	05/10/92	CERTIFICAT	2	2	2	2
698	0	/ /		0	/ /		0	7	2	
699	2	/ /		0	/ /		24	2	2	2
700	0	/ /		0	/ /		0	3	1	1
701	0	/ /		0	/ /		0	7	2	
702	0	/ /		0	/ /		0	3	1	1
703	0	/ /		0	/ /		0	5	2	2
704	0	/ /		0	/ /		0	7	2	
705	0	/ /		4	/ /		0	7	1	
706	0	/ /		0	/ /		48	8	2	
707	0	/ /		0	/ /		4	5	2	2
708	0	/ /		0	/ /		0	7	2	
709	2	12/19/91	AUTO TECHN	0	/ /		10	11	2	
710	0	/ /		0	/ /		0	7	2	
711	0	/ /		0	/ /		0	7	2	
712	0	/ /		1	/ /		0	7	2	
713	0	/ /		0	/ /		12	10	2	
714	2	05/16/90		0	/ /		0	9	2	
715	1	04/03/92	CERTIFICAT	0	/ /		3	11	2	

CASE	TECSCHYR	TECHSCHG	TECHSCHD	COL YRS	COL GRD	COL DRG	MNTS F S	CODE	SEX	STUDYC
716	0	/ /		0	/ /		0	3	1	
717	0	/ /		0	/ /		0	7	1	
718	0	/ /		1	/ /		0	7	1	
719	0	/ /		0	/ /		0	4	2	
720	1	04/10/89	DIPLOMA	2	07/18/88	ASSOCIATE	48	2	2	
721	0	/ /		0	/ /		54	10	2	
722	0	/ /		0	/ /		0	8	2	
723	1	12/20/91	DIPLOMA	0	/ /		11	11	2	
724	0	/ /		0	/ /		0	7	2	
725	0	/ /		0	/ /		0	7	2	
726	0	/ /		1	/ /		0	7	2	
727	0	/ /		0	/ /		0	3	1	
728	0	/ /		1	/ /		0	7	2	
729	0	/ /		0	/ /		0	7	1	
730	0	/ /		0	/ /		0	10	2	
731	0	/ /		0	/ /		0	7	2	
732	0	/ /		0	/ /		0	7	2	
733	0	/ /		0	/ /		0	7	2	
734	0	/ /		0	/ /		0	5	2	
735	0	/ /		0	/ /		0	4	2	
736	2	04/13/88	CERTIFICAT	2	/ /		48	2	2	
737	3	/ /	DIPLOMA	0	/ /		0	10	2	
738	0	/ /		0	/ /		0	3	2	
739	0	/ /		0	/ /		0	10	2	
740	2	04/16/90	AS, DIESEL	0	/ /		29	2	2	
741	0	/ /		0	/ /		0	8	2	
742	0	/ /		0	/ /		0	4	2	
743	0	/ /		0	/ /		14	1	2	
744	0	/ /		0	/ /		0	7	2	
745	0	/ /		0	/ /		0	8	2	
746	0	/ /		1	/ /		0	3	2	
747	0	/ /		0	/ /		0	7	2	
748	1	05/15/92	DIPLOMA	0	/ /		3	6	2	
749	0	/ /		0	/ /		0	3	2	
750	0	/ /		0	/ /		0	3	1	
751	0	/ /		0	/ /		0	7	2	
752	0	/ /		0	/ /		0	3	2	
753	0	/ /		2	05/30/90	ASSOCIATES	0	7	1	
[illegible]	0	/ /		0	/ /		0	3	2	
755	0	/ /		0	/ /		0	7	2	
756	0	/ /		0	/ /		12	1	2	
757	0	/ /		1	/ /		0	7	1	
758	0	/ /		0	/ /		0	7	1	
759	0	/ /		8	05/15/89	BS,PhD SCI	0	3	1	

CASE	CLASSIF	GRADE	CIVEDHS	AMC HS	TECH SCH	COLLEGE	TECSCHPG	MM	RAWSCORE	SUBSCR1	SUBSCR2
1	1	1	1	1	1	1		93	26	5	3
2	1	2	1	2	2	1	1.00				
3	1	1	1	2	1	1		116	48	11	7
4	1	1	1	1	1	1		116	35	5	5
5	1	1	1	2	1	1			52	13	4
6	1	1	1	1	1	1		99	38	11	3
7	1	1	1	2	1	1		103	39	7	5
8	1	1	1	2	1	1		118	50	14	3
9	1	1	1	2	2	1	9.00	124	50	12	5
10	1	2	1	1	1	2		93	23	4	4
11	1	1	1	2	1	1					
12	1	2	1	1	2	2	9.00	102	31	7	2
13	1	2	1	1	1	2		138	69	15	9
14	1	1	1	2	1	2		107	31	7	1
[illegible]	1	3	1	1	1	1		119	40	11	2
16	1	1	1	1	1	1		120	43	10	6
17	1	1	1	1	1	1		98	34	9	3
18	1	2	1	1	1	2		112	37	5	4
19	1	1	1	2	1	1		110	53	17	6
20	1	1	1	1	2	1	9.00	113	55	12	4
[illegible]	1	1	1	1	1	1					
22	1	1	1	2	1	1					
23	1	1	1	1	1	1		109	39	11	7
24	1	1	1	1	1	2		90	29	5	4
25	1	1	1	1	1	1		90	45	11	4
26	1	1	1	1	1	1		98	37	5	3
27	1	1	1	1	1	1		109	38	11	3
28	1	3	1	1	1	2		95	52	13	1
29	1	1	1	2	2	1	9.00	107	34	12	4
30	1	1	1	2	1	1		116	68	18	10
31	1	1	1	1	1	1		99	41	8	3
32	1	1	3	1	2	1	1.00	120	57	14	7
33	1	1	1	1	1	2			44	17	1
34	1	1	1	1	1	2		96	46	15	2
35	1	1	1	2	1	1		124	73	18	5
36	1	1	1	1	1	1		98	44	9	2
37	1		1	1	1	1					
38	1	1	1	2	1	1		124	72	18	6
39	1	3	1	2	2	1	4.00	95	32	6	4
40	1	1	1	2	1	1			47	10	7
41	1	1	1	1	1	2		107	30	13	2
42	1	2	1	1	2	2	9.00	90	34	6	2
43	1	1	1	1	1	1		90	30	7	4
44	1	1	1	1	1	1		94	24	7	2
45	1	3	1	1	1	2		123	55	13	8
46	1	1	1	2	1	1		112	53	11	6
47	1	1	1	2	1	1		124	46	16	7
48	1	3	1	2	1	1		107	43	12	6
49	1	3	1	1	1	2		115	31	4	1
50	1	3	2	1	1	1		131	70	16	6
51	1	1	1	1	1	2		107	28	4	3
52	1	1	1	1	1	2					
53	1	1	1	1	1	1		127	44	9	3
[illegible]	1	1	1	1	1	2		97	30	10	3
55	1	1	1	1	1	1		91	31	11	3

CASE	CLASSIF	GRADE	CIVEDHS	AMC HS	TECH SCH	COLLEGE	TECSCHPG	MM	RAWSCORE	SUBSCR1	SUBSCR2
56	1	3	1	1	1	2		93	35	10	4
57	1	1		1	1	1		114	48	12	4
58	1	1	1	1	1	1		101	41	10	6
59	1	1	1	1	1	1		113	39	12	6
60	1	2	1	1	1	1		105	46	11	4
[illegible]	1	1	1	1	1	1		138	53	11	8
[illegible]	1	2	1	2	1	1		123	50	10	7
[illegible]	1	1	1	2	1	1		110	43	11	1
[illegible]	1	1	1	2	1	1		112	52	10	5
[illegible]	1	2	1	1	2	1	9.00	106	39	9	6
[illegible]	1	1	1	2	1	1		106	52	19	3
[illegible]	1	1	1	2	1	1			47	11	4
68	1	1	1	1	2	1	9.00	129	66	17	5
69	1	2	1	1	1	2		113	49	13	4
[illegible]	1	1	1	2	2	1	9.00	117	74	17	9
71	1	1	1	1	1	1		91	45	10	3
72	1	1	1	2	1	1					
73	1	2	1	1	2	1	9.00	90	34	5	5
74	1	1	1	1	1	2		109	44	11	4
75	1	1	1	1	1	2		123	48	11	3
76	1	2	1	2	2	1	1.00	107	58	13	7
77	1	1	1	2	2	1	1.00	124	61	14	10
78	1	1	1	1	1	1		98	32	8	2
[illegible]	1	2	1	1	1	1		134	59	17	7
[illegible]	1	1	1	1	1	1		123	41	8	2
[illegible]	1	1	1	2	1	1			43	7	4
[illegible]	1	1	1	1	1	1		90	29	8	5
83	1	2	1	2	1	1			47	10	5
84	1	1	1	1	1	1		102	45	11	4
85	1	1	1	1	1	1		101	42	11	4
86	1	2	1	1	1	1		103	33	8	3
87	1	3	1	1	1	1		90	49	12	5
88	1	2	1	1	1	1		110	43	11	6
[illegible]	1	1	1	2	1	1		113	55	12	5
[illegible]	1	1	1	1	1	1		93	37	4	1
[illegible]	1	1	1	1	1	1		97	33	8	6
92	1	2	1	2	1	1		121	49	14	4
93	1	1	1	2	1	1		100	44	8	5
94	1	1	1	1	1	1		101	28	6	2
95	1	1	1	1	1	1			30	7	2
96	1	1	1	1	1	1		95	48	11	7
[illegible]	1	2	1	2	2	1	1.00	134	62	17	8
[illegible]	1	1	1	1	1	1		93	24	2	1
[illegible]	1	1	1	1	1	1		100	37	8	5
[illegible]	1	1	1	1	1	1		91	27	8	3
[illegible]	1	1	1	1	1	1			33	9	4
[illegible]	1	2	1	1	1	2		93	39	9	4
[illegible]	1	1	1	2	1	1		94	51	10	7
104	1	1	1	1	1	1		126	44	11	4
[illegible]	1	1	1	2	1	2		94	33	10	2
[illegible]	1	2	1	1	1	2		115	47	11	2
[illegible]	1	2	2	1	2	2	1.00		68	17	5
[illegible]	1	1	1	1	1	1		94	26	5	3
[illegible]	1	1	1	2	1	1		121	59	12	6
[illegible]	1	1	1	2	1	1		106	34	9	3

CASE	CLASSIF	GRADE	CIVEDHS	AMC HS	TECH SCH	COLLEGE	TECSCHPG	MM	RAWSCORE	SUBSCR1	SUBSCR2
111	1	1	1	1	1	2		99	51	15	5
112	1	3	1	1	1	1		92	32	9	2
113	1	1	1	1	2	1	1.00	98	35	8	2
114	1	1	1	1	1	2		98	43	11	6
115	1	1	1	2	1	1					
116	1	1	1	2	1	1		118	56	15	8
117	1	2	1	2	1	1			63	22	7
118	1	1	1	1	2	1	9.00	106	33	9	3
119	1	1	1	2	1	1			55	13	7
120	1	1	1	2	1	1		116	62	13	7
121	1	3	1	1	1	2		112	48	9	3
122	1	1	1	2	1	1		108	48	7	7
123	1	2	1	2	1	1		109	32	9	2
124	1	1	1	1	1	1		93	47	9	5
125	1	1	1	1	1	2		107	38	7	5
126	1	1	1	1	1	1		114	39	8	4
127	1	3	1	2	2	1	1.00	117	69	16	10
128	1	1	1	1	1	1		119	55	14	5
129	1	3	1	1	1	2		129	49	14	5
130	1	1	1	1	1	1		96	37	9	4
131	1	1	1	1	1	1		102	43	10	3
132	1	1	1	2	2	1	1.00	129	58	13	5
133	1	1	1	1	1	1		107	38	9	3
134	1	1	1	1	1	1		103	42	12	6
135	1	2	1	1	1	1		97	52	13	6
136	1	1	1	1	1	1		102	52	7	6
137	1	1	1	1	2	1	4.00	112	48	11	5
138	1	3	1	2	1	2		99	31	7	4
[illegible]	1	1	1	1	2	1	9.00	98	41	11	3
[illegible]	1	1	1	1	1	1		118	45	9	5
141	1	1	1	2	1	1		115	55	18	7
142	1	1	1	1	1	1		104	41	9	5
143	1	1	1	1	1	1		94	38	9	3
144	1	1	1	1	1	1		102	43	11	2
145	1	3	1	1	1	2		104	41	6	5
146	1	1	1	1	1	1		104	41	9	7
147	1	1	1	1	1	1		92	43	10	1
148	1	1	1	2	1	1			54	15	4
149	1	1	1	2	1	1		115	46	12	2
150	1	1	1	2	1	1		110	34	11	7
151	1	1	1	1	1	1		102	29	8	3
152	1	1	1	1	1	1		102	36	12	3
153	1	2	1	1	1	1		118	42	12	9
154	1	1	1	2	1	1			41	9	5
155	1	1	1	1	2	2	9.00	101	47	16	3
156	1	1	1	1	1	1		99	32	9	5
157	1	1	1	1	1	1		101	40	10	3
158	1	1	1	1	2	1	9.00	104	88	12	3
159	1	1	1	1	1	1		100	31	5	5
160	1	1	1	1	1	1		94	34	7	7
161	1	4	1	1	1	2		131	46	14	2
162	1	1	1	2	1	1			54	16	4
[illegible]	1	1	1	1	1	1		102	32	6	4
164	1	1	1	1	1	1		98	37	10	5
165	1	1	1	1	1	1			34	10	3

	CLASSIF	GRADE	CIVEDHS	AMC HS	TECH SCH	COLLEGE	TECSCHPG	MM	RAWSCORE	SUBSCR1	SUBSCR2
6	1	1	1	1	1	1		96	41	10	4
167	1	1	1	1	1	1		90	50	15	6
168	1	2	1	2	2	2	1.00	118	37	11	3
169	1	1	1	1	1	1		90	41	13	4
170	1	1	1	1	2	1	4.00	113	43	9	4
171	1	2		1	1	1			55	15	5
172	1	2	1	2	1	1		102	45	11	3
173	1	1	1	1	1	1		94	36	10	2
174	1	1	1	1	1	2		96	52	13	4
175	1	2	1	2	1	1			44	10	2
176	1	1	1	1	1	1		91	30	17	3
177	1	1	1	1	1	1			29	8	4
178	1	1	1	1	1	1		109	33	11	3
179	1	1	1	1	1	1		96	32	10	
180	1	1	1	2	2	1	1.00	95	43	9	6
181	1	1	1	1	1	1		93	33	7	4
182	1	1	1	2	1	1		106	50	18	3
183	1	1	1	1	1	1		99	33	10	4
184	1	2	1	2	1	1			45	13	5
185	1	1	1	2	1	1		113	50	13	5
186	1	1	1	1	1	1		95	32	11	3
187	1	1	1	1	1	1		90	42	11	4
188	1	1	1	1	1	1		93	42	9	6
[illegible]	1	3	1	1	1	2			39	9	5
190	1	1	1	1	1	1		95	35	10	5
191	1	1	1	1	1	1		104	20	5	
192	1	1	1	1	1	1			19	3	1
193	1	1	1	1	1	1		110	56	15	6
[illegible]	1	1	1	1	1	1		90	30	7	5
195	1	3	1	1	1	1			33	7	3
196	2	2	1	1	1	1		93	37	7	2
197	1	1	1	2	1	1		101	48	11	5
198	1	1	1	2	1	1		98	52	12	3
199	1	1	1	1	1	1		95	42	7	5
200	1	1	1	1	1	1		90	31	7	3
201	1	1	1	2	1	1		94	34	8	4
202	1	2	1	2	1	1		130	57	15	5
203	1	1	1	2	1	1		128	62	19	7
204	1	1	1	1	1	1		99	46	14	4
205	1	1	1	2	1	1		117	44	10	3
206	1	1	1	1	1	1		116	47	12	6
207	2	1	1	2	1	1		102	51	10	8
208	1	1	1	1	1	1			40	10	4
209	1	1	1	1	1	1		99	34	8	3
[illegible]	1	1	1	1	1	1		121	60	16	8
211	1	2	1	2	1	1		115	44	13	3
212	1	1	1	1	1	1		108	46	11	5
213	1	2	1	1	2	1	9.00	95	46	11	6
214	1	1	1	1	1	2		93	36	12	3
215	1	2	1	2	1	1		122	45	10	5
216	1	1	1	1	1	1		103	45	12	6
217	1	1	1	1	1	1		93	51	10	5
218	1	1	1	1	1	1		103	43	8	3
219	1	1	1	2	1	1		93	34	11	2
220	1	2	1	1	1	2		119	58	16	8

CASE	CLASSIF	GRADE	CIVEDHS	AMC HS	TECH SCH	COLLEGE	TECSCHPG	MM	RAWSCORE	SUBSCR1	SUBSCR2
1	1	1	1	1	1	1		93	30	4	4
222	1	3	1	1	1	1			36	11	5
223	1	1	1	1	1	1		102	42	8	3
224	1	1	1	1	1	1			30	12	3
225	1	3	1	1	1	1		96	39	11	4
226	1	1	2	1	1	1		120	46	10	5
227	1	1		2	1	1		112	37	9	5
228	1	1	1	1	1	1		91	46	11	6
229	1	1	1	1	1	1		98	33	8	6
230	1	1	1	1	1	1		109	45	14	6
231	1	1	1	1	1	1		107	31	6	4
232	1	1	1	1	1	1		102	34	10	4
233	1	1	1	2	1	1					
234	1	1	1	2	1	1		102	30	8	2
235	1	1	1	1	1	1		104	41	12	3
236	1	1	1	1	1	1		94	29	7	3
237	1	1	1	1	1	1			38	10	4
238	1	2	1	1	1	1		113	34	10	4
239	1	1	1	1	1	1			31	6	3
240	1	1	1	2	1	1		102	42	10	6
241	1	1	1	1	1	1		91	36	13	4
242	1	3	1	2	1	1		95	28	5	
243	1	1	1	2	1	1		118	45	11	5
[illegible]	1	3	1	1	2	1	5.00	104	39	13	2
245	1	1	1	1	1	1		90	40	10	4
246	1	1	1	1	1	1		123	43	9	4
247	1	1	1	2	1	1		96	49	12	3
248	1	1	1	1	2	1	3.00	109	42	11	4
249	1	1	1	2	1	1		94	39	8	3
[illegible]	1	1	1	1	1	1		90	42	8	6
[illegible]	1	1	1	2	1	1					
[illegible]	1	1	1	1	1	1			38	11	5
253	1	1	1	1	1	1		131	42	11	3
254	1	1	1	2	1	1		102	42	9	4
255	1	1	1	1	1	1		113	48	11	5
256	1	1	1	2	1	1		115	38	10	2
257	1	1	1	2	1	1		107	62	12	4
258	1	2	1	1	1	1		96	36	7	5
259	1	1	1	2	1	1		117	54	12	6
260	1	1	1	1	1	1		116	52	10	7
[illegible]	1	1	1	1	1	1		104	42	8	5
[illegible]	1	1	1	2	1	1		122	72	19	7
[illegible]	1	1	1	1	1	1		102	33	5	6
264	1	1	1	1	1	1		114	43	12	6
265	1	2	1	2	2	1	1.00		61	13	6
[illegible]	1	1	1	1	1	1		96	31	8	4
[illegible]	1	1	1	1	1	1		117	50	14	5
268	1	2	1	2	1	1			49	12	7
269	1	1	1	1	1	1		95	47	8	4
270	1	2	1	2	1	1					
271	1	1	1	1	1	1		97	22	5	4
272	1		1	2	1	1		92	29	8	4
273	1	1	1	1	1	1		98	41	10	6
274	1	1	1	1	1	1		104	45	11	4
275	1	1	2	2	2	1	9.00	117	36	8	2

SEX	CLASSIF	GRADE	CIVEDHS	AMC	HS	TECH	SCH	COLLEGE	TECSCHPG	MM	RAWSCORE	SUBSCR1	SUBSCR2
[illegible]	1	2	1	2	1	1					53	14	3
[illegible]	1	1	1	2	1	1				114	45	12	3
3	1	1	1	1	1	1				99	29	7	2
79	1	1	1	1	1	1				109	38	9	3
80	1	2	1	1	1	2				118	38	10	7
81	1	2	1	2	2	1		1.00		119	76	19	6
282	1	1	1	2	1	1				132	57	17	5
283	1	3	1	1	1	2				117	60	15	9
284	1	2	1	1	1	1				92	44	12	3
285	1	1	1	1	1	1				104	34	8	3
286	1	1	1	1	1	1				106	43	6	7
287	1	2	1	1	1	1				116	60	10	7
288	1	2	1	1	2	2		1.00		118	65	17	9
289	1	1	1	1	1	2				115	49	11	7
290	1	2	1	1	1	1				120	45	8	7
291	1	3	1	1	1	1				92	31	6	7
292	1	1		2	1	1				121	60	11	9
293	1	3	1	1	1	1				120	49	10	3
294	1	1	1	1	1	1				115	42	5	3
[illegible]	1	1	1	2	1	1				111	41	13	5
	1	1	1	1	1	1				101	40	11	3
7	1	1	1	2	1	1				112	52	15	6
[illegible]	1	1	1	2	1	1				113	30	7	2
[illegible]	1	2	1	1	2	1		1.00		100	60	15	3
[illegible]	1	1	1	2	1	1				99	29	9	4
[illegible]	1	1	1	1	1	1				109	56	17	6
2	1	1	1	2	1	1				127	56	16	4
3	1	1	1	1	1	1				121	43	7	3
04	1	1	1	2	1	1				120	48	14	4
5	1	1	1	2	2	1		1.00		112	32	9	1
[illegible]	1	1	1	2	1	1				118	50	13	5
	1	1	1	2	1	1					44	11	3
[illegible]	2	1	1	1	1	1				106	41	12	3
[illegible]	1	1	1	1	1	1				93	40	12	3
10	1	1	1	1	1	1							
11	1	2	1	2	1	1				108	37	8	6
312	1	1	1	1	1	1				118	42	10	2
13	1	1	1	2	1	1				99	46	13	6
4	1	1	1	2	1	1				124	54	17	6
5	1	1	1	1	1	1				101	38	12	1
6	1	1	1	1	1	1				120	47	10	5
7	1	3	1	1	1	2				105	39	12	2
8	1	1	1	2	1	1				125	48	12	2
[illegible]	1	1	1	1	1	1							
0	1	1	1	1	1	1				128	54	11	6
[illegible]	1	4	1	2	1	2				128	86	22	7
[illegible]	1	2	1	1	1	1				113	34	11	2
3	1	1	1	1	1	2				138	44	13	2
324	1	1	1	1	1	2				107	39	13	4
325	1	1	1	2	1	1				130	52	9	10
326	1	1	1	2	2	1			9.00	122	60	14	4
7	1	1	1	1	1	1				90	35	7	4
328	1	2	1	2	1	2				106	42	8	7
329	1	3	1	1	1	2				96	37	4	6
30	1	2	1	2	2	1			1.00	135	78	20	7

	CLASSIF	GRADE	CIVEDHS	AMC HS	TECH SCH	COLLEGE	TECSCHPG	MM	RAWSCORE	SUBSCR1	SUBSCR2
	1	1	2	1	1	1		121	44	9	5
	1	1	1	1	1	1		114	27	4	1
	1	1	1	2	1	1		101	30	4	2
	1	3	1	1	2	2	1.00		66	17	6
5	1	2	1	1	1	1		121	39	10	4
6	1	1	1	1	1	1		110	34	6	4
337	1	1	1	2	1	1		99	43	11	2
38	1	3	1	1	1	2		111	56	16	4
9	2	3	1	1	1	2		91	48	12	4
0	1	1	1	2	1	1		106	35	8	2
1	1	1	1	1	1	1		129	38	13	4
2	1	1	1	1	1	2		101	34	10	4
3	1	1	1	2	1	1		98	39	8	4
4	1	2	1	1	1	2		90	36	10	2
5	1	1	1	1	1	1		91	34	11	4
6	1	1	1	1	1	1		109	42	12	5
47	1	2	1	1	1	1			44	9	6
8	1	1	1	1	1	1		104	37	9	5
	1	1	1	1	1	1		116	44	6	4
	1	1	2	1	1	1		110	39	9	3
	1	1		1	1	1		90	28	4	3
52	1	2	1	1	2	1	1.00	127	73	15	10
3	1	2	1	2	1	1		113	48	14	3
354	1	1		1	1	1		94	38	10	4
355	1	2	1	1	1	1		99	34	5	2
	1	1	1	1	1	1		91	39	7	4
	1	2	1	1	1	1			49	10	3
58	1	1	1	1	1	1		96	27	8	5
59	3	1	1	2	1	2		116	51	13	6
0	1	2	1	2	1	1		124	58	15	3
1	1	1	1	1	1	1			34	11	1
2	1	1	1	1	2	1	9.00	104	31	7	4
3	1	1	1	1	1	1		106	44	9	5
4	1	1	1	1	1	2		100	57	14	7
5	1	2	1	2	1	1			63	18	6
6	1	1	1	2	1	1		119	51	9	3
7	1	1	1	1	1	1		107	38	9	3
8	1	1	1	1	1	1		93	31	7	3
9	1	3	1	1	1	2		93	41	11	4
0	1	3	1	2	1	1		130	55	16	5
1	1	2	1	1	1	2		137	65	17	7
2	1	1	1	2	1	1		110	57	14	8
3	1	1	1	1	1	1		112	41	20	2
4	1	1	1	2	1	1					
5	1	1	1	1	1	1		98	30	10	4
6	1	1	1	1	1	1		101	26	7	2
7	1	1	1	1	1	1		107	41	8	7
8	1	1	1	1	1	1		96	33	9	3
9	1	1	1	2	1	1		126	52	14	3
0	1	1	1	2	2	1	7.00	126	46	10	6
1	1	1	1	2	1	1		120	53	10	7
2	1	1	1	1	1	1		103	37	10	2
3	1	1	1	2	1	1					
4	1	2	1	1	1	1		120	57	13	7
5	1	1	1	1	1	1		98	38	11	4

F	CLASSIF	GRADE	CIVEDHS	AMC	HS	TECH	SCH	COLLEGE	TECSCHPG	MM	RAWSCORE	SUBSCR.	SUBSCR2
386	2	1	1	1	1	1				127	41	14	5
387	1	1	1	2	1	1				115	51	9	5
388	1	1	1	2	1	1				127	37	7	4
389	1	2	1	2	1	1				112	42	12	4
390	1	1	1	1	1	1				92	29	7	4
391	1	2	1	2	1	1				114	45	13	4
392	1	1	1	1	1	1				91	34	7	3
[illegible]	1	1	2	2	2	1			1.00	120	51	15	4
394	1	1	1	2	1	1				121	70	19	3
395	1	1	1	2	1	1				110	47	11	6
[illegible]	1	2	1	2	2	1			1.00	97	47	10	4
[illegible]	1	1	1	1	1	1				119	50	14	8
[illegible]	1	1	1	1	1	1				120	38	11	1
[illegible]	1	1		1	1	2				100	31	9	1
70	1	1	1	1	1	1				101	29	10	2
[illegible]	1	2	1	2	1	1					34	7	3
[illegible]	1	1	1	1	2	1			2.00	113	46	10	9
[illegible]	1	1	1	1	1	1				110	27	8	4
04	1	1	1	1	1	2				132	37	6	5
05	1	1	1	1	1	1				125	43	10	6
[illegible]	1	1	1	2	1	1							
[illegible]	1	1	1	2	1	1				124	45	12	5
8	1	2	1	2	2	1			1.00	124	70	17	7
9	1	1	1	1	1	1				95	31	9	2
0	1	2	1	1	1	1				111	46	8	2
[illegible]	1	1	1	2	2	1			1.00	132	71	17	7
[illegible]	1	2	1	1	1	1				97	53	17	4
3	1	1	1	1	1	1				93	43	15	5
[illegible]	1	2	1	2	1	1					53	7	4
5	1	3	1	1	1	1							
[illegible]	1	1	1	1	1	1					46	11	4
[illegible]	1	1	1	1	1	1				102	25	6	2
[illegible]	1	1	1	1	1	1				99	40	11	4
[illegible]	1	1	3	1	1	1				91	46	14	5
[illegible]	1	3	1	1	1	1				102	39	9	2
[illegible]	1	1	1	2	1	1				124	57	14	7
2	1	1	1	2	1	1				91	32	8	3
3	1	2	1	2	1	1				120	63	19	3
4	1	1	1	1	1	1				110	32	8	5
5	1	1	1	2	1	1				109	59	16	6
6	1	2	1	2	2	1			1.00	107	52	12	7
[illegible]	1	3	1	1	1	1			4.00	104	33	8	3
8	1	1	1	1	1	2				127	50	14	6
9	1	1	1	1	1	1							
0	1	2	1	1	1	1				91	32	7	2
1	1	2	1	1	2	1			9.00	102	42	7	3
2	1	1	2	1	2	1			1.00		70	15	7
433	1	1	1	1	1	1				103	47	12	3
434	1	1	1	1	1	1				104	36	11	1
35	1	1	1	1	1	1				93	35	9	5
36	1	1	1	1	1	1				96	25	5	1
[illegible]	1	3	1	1	1	2				90	35	10	1
8	1	1	1	1	1	1				103	38	11	6
9	2	1	2	1	1	1					31	6	4
[illegible]	1	1	1	1	1	1				95	30	4	5

	CLASSIF	GRADE	CIVEDHS	AMC	HS	TECH	SCH	COLLEGE	TECSCHPG	MM	RAWSCORE	SUBSCR1	SUBSCR2
	1	1	1	2	1	1				112	52	8	7
	1	1	1	1	1	1				97	39	11	3
	1	1	1	1	2	1			5.00	98	38	10	3
4	1	3	1	1	1	1				92	35	11	5
5	1	3	1	2	1	2				123	49	13	7
6	1	1	1	1	1	1					34	7	2
7	1	2	1	2	1	1					32	8	5
8	1	1	1	2	2	1			1.00	108	49	11	2
	1	1	1	1	1	1					41	9	4
	1	2	1	1	1	2					47	9	3
	1	1	1	1	1	1					43	6	6
2	1	2	1	1	1	2				101	36	8	
3	1	1	1	1	1	2				92	40	9	4
54	1	1	1	1	1	1				129	60	11	10
55	1	1	1	1	1	1				96	34	9	2
56	1	1	1	1	1	1							
57	1	1	1	1	1	1					45	9	5
9	1	1	1	1	1	1				91	38	10	4
	1	1	1	1	1	1				103	45	8	2
60	1	1	1	1	1	1					37	3	4
	1	1	1	1	2	1			1.00	98	61	15	5
	1	1	1	1	1	1				106	43	11	5
	1	2	1	2	1	1				91	29	6	4
4	1	1	1	1	1	1				98	30	10	1
5	1	2	1	1	1	1				99	35	9	1
6	1	1	1	1	1	1				95	32	3	4
7	1	1	1	1	1	1				99	38	7	4
68	1	1	1	1	2	1			9.00	91	32	5	4
9	1	2	1	1	1	1				99	29	10	2
0	1	1	1	1	1	1				108	35	9	4
1	1	1	1	2	1	1				120	60	16	-
	1	2	1	2	2	1			1.00		48	13	5
	1	1	2	1	1	1				99	32	5	1
4	1	1	1	1	2	1			9.00		66	19	5
5	1	1	1	1	1	1				93	39	11	4
	1	1	1	1	1	1				92	35	9	6
	1	1	1	2	1	1				98	34	11	4
78	1	2	1	1	1	2				116	45	9	3
79	1	2	1	1	1	2				123	53	9	5
	1	3	1	2	2	2			1.00	130	57	26	11
	1	1	1	2	1	1				112	47	14	3
2	1	2	1	2	2	1			1.00	124	59	15	6
3	1	1	1	1	2	1			2.00				
4	1	3	1	1	1	1				121	49	12	2
5	1	1	1	1	2	1			1.00	105	40	10	2
6	1	1	1	1	1	1				93	44	11	5
	1	1	1	1	1	1				114	37	9	3
8	1	1	1	2	1	1				96	36	8	5
9	1	2	1	2	2	2			9.00	132	50	13	4
	1	2	1	1	2	1			9.00	119	36	6	4
	1	4	1	1	1	2				115	40	10	3
92	1	3	1	1	1	1					37	9	2
3	1		1	1	1	1				106	44	8	2
194	1	1	1	1	1	1				100	31	6	4
5	1	1	1	1	1	2				101	39	13	3

...E	CLASSIF	GRADE	CIVEDHS	AMC	HS	TECH	SCH	COLLEGE	TECSCRPG	MM	RANSCORE	SUBSCR1	SUBSCR2
496	1	1	1	1	1	1	1			118	30	11	2
497	1	3	1	1	1	1	2			109	48	12	3
498	1	1	1	2	1	1	2			125	44	11	1
99	1	1	1	1	1	1	1			110	34	4	5
0	1		1	1	1	1	1				25	9	3
1	1	1	1	1	1	1	1			90	40	8	3
2	1	1	1	1	1	1	2			97	36	8	
03	1	1	1	1	1	1	1			101	37	9	4
504	1	1	1	1	1	1	2			96	37	8	3
5	1	1	1	2	1	1				104	52	13	5
6	1	1	1	2	1	1	2			107	31	11	1
7	1	1	1	1	1	1	1			104	47	11	6
8	1	1	1	2	1	1	2			108	35	8	4
9	1	1	1	1	1	1	1			125	55	12	6
	1	2	1	1	1	1	1			94	42	12	5
	1	1	1	1	1	1							
12	1	1	1	2	1	1	1			123	50	13	6
513	1	1	1	2	2	1	1		2.00		44	13	6
14	1	1	1	2	1	1	1				44	10	5
15	1	2	1	1	1	1	1			92	40	10	2
6	1	1	1	1	1	1	1			95	43	12	6
7	1	1	1	1	1	1	1			90	46	7	6
8	1	1	1	2	1	1	1			123	57	13	4
19	1	1	1	1	1	1	2			99	39	13	4
0	1	1	1	1	1	1	1			97	26	8	2
	1	3	1	1	1	1	1			98	43	9	5
22	1	1	1	1	1	1	1			108	33	10	3
3	1	1	1	1	1	1	1			109	41	13	3
4	1	1	1	2	1	1	1			112	52	13	7
	1	1	1	1	1	1	2				59	14	6
5	1	1	1	1	1	1	1				25	9	2
7	1	2	1	1	1	1	2			134	78	22	7
8	1	1	1	1	1	1	1			125	45	13	4
	1	1	1	1	1	1	2			106	48	10	5
0	1	1	1	2	1	1	1			123	45	13	5
1	1	2	1	1	1	1	2			105	47	9	7
32	1	2	1	1	2	1	1		1.00	126	67	19	10
33	1	1	1	2	1	1	1			108	33	10	6
34	1	1	1	1	1	1	1			115	46	15	5
35	1	3	1	1	1	1	1			96	37	9	4
6	1	1	1	1	1	1	2			90	36	7	5
37	1	2	1	1	2	2	1		9.00		27	7	3
38	1	1		1	1	1	1				37	10	4
	1	1	1	1	1	1	1			90	32	6	3
	1	1	1	1	1	1	1			101	28	5	1
	1	2	1	1	2	1	1		9.00	95	47	10	5
2	1	1	1	2	2	1	1		1.00		54	15	5
3	1	1	1	1	1	1	1			90	46	15	5
44	1	1	1	1	1	1	1			115	51	12	4
5	1	2	1	1	1	1	1			116	37	10	4
6	1	2	1	2	1	1	1			122	54	14	7
	1	1	1	1	1	1	1				35	8	4
	1	2	1	2	1	1	2				59	13	6
9	1	2	1	1	1	1	1			93	32	10	4
0	1	1	1	1	1	1	1			95	42	9	4

ASE	CLASSIF	GRADE	CIVEDHS	AMC	HS	TECH	SCH	COLLEGE	TECECHPG	MM	RAWSCORE	SUBSCR1	SUBSCR2
1	1	1	1	1	1	1	1			131	38	11	5
2	1	1	1	2	1	1				91	33	5	3
3	1	1	1	1	1	1				123	40	12	1
4	1	3	1	1	1	2				134	65	8	
555	1	2	1	2	2	1			9.00	108	55	12	6
556	1	1	1	1	1	1				121	41	12	4
557	1	3	1	1	1	2					40	9	4
558	1	1	1	2	1	1					47	12	3
	1	2	1	2	1	1				120	50	9	4
	1	3	1	2	1	1				115	43	10	4
	1	1	1	1	1	2				97	48	12	3
	1	1	2	1	1	1				91	26	5	5
	1	1	1	1	1	2				93	36	10	2
4	1	1	1	2	1	1				123	68	18	4
5	1	1	1	1	1	1				112	44	11	3
6	1	2	1	1	1	2				118	49	13	4
	1	3	1	1	1	1					31	7	2
8	1	1	1	1	2	2			4.00				
	1	1	1	1	2	1			9.00	96	42	10	4
0	1	2	1	1	1	1				100	43	10	2
1	1	1	1	1	1	1				99	36	6	5
	1	1	2	1	2	1			1.00	118	51	18	6
	1	2	1	2	2	1			1.00		69	17	5
	1	1	1	2	2	1			9.00	129	51	13	6
	1	1	1	1	2	1			4.00		36	8	5
	1	1	1	1	2	1			9.00	112	68	18	5
	1	3	1	2	1	1				124	40	11	4
8	1	1	1	2	1	1				111	45	12	4
	1	2	1	1	1	1				101	35	10	3
0	1	1	1	2	1	1				93	42	6	5
	1	1	1	1	1	1				106	38	8	4
	1	2	1	2	1	1				137	84	22	7
93	1	1	1	1	1	2				118	38	8	5
94	1	3	1	1	1	1				110	30	7	5
	1	2	1	2	1	1				121	50	11	7
	1	1	2	1	1	1				91	34	14	5
7	1	1	1	1	1	1				93	34	8	
8	1	1	1	2	1	1							
9	1	2	1	2	1	2				129	64	17	8
0	1	4	2	1	1	2				134	58	17	8
	1	1	1	2	1	1					40	12	3
	1	2	1	1	1	1				96	31	11	3
	1	1	1	1	1	1				112	51	14	5
	1	2	1	2	1	2				113	46	9	5
95	1	1	1	2	1	1				99	40	15	3
96	1	1	2	2	1	1				112	37	13	2
97	1	2	2	1	2	1			1.00	121	64	13	7
9	1	1	1	2	1	1				122	55	17	7
9	2	1	2	1	1	1				107	41	11	5
0	1	1	1	2	2	1			1.00	121	62	13	8
1	1	1	1	1	2	1			9.00	104	32	6	4
2	1	2	1	1	2	1			9.00	123	47	10	4
3	1	2	1	1	2	1			1.00	129	79	17	7
4	1	1	1	1	1	2				95	43	10	5
5	1	1	1	2	1	1				104	45	8	7

SE	CLASSIF	GRADE	CIVEDHS	AMC HS	TECH SCH	COLLEGE	TECSCHPG	MM	RAWSCORE	SUBSCR1	SUBSCR2
06	1	1	1	2	1	1		116	68	22	7
07	1	1	1	1	1	1		95	30	7	3
08	2	1	2	1	1	1		98	42	10	2
09	1	1	1	1	1	1		91	32	8	4
10	1	1	1	1	2	1	9.00	93	23	6	4
11	1	1	1	1	1	1		95	41	12	3
12	1	1	1	1	1	1		103	34	11	2
13	1	1	1	1	1	1		90	30	8	3
14	1	1	1	1	1	1		102	40	8	6
15	1	1	1	2	1	2		111	47	11	4
16	1	1	1	1	1	2		99	32	5	2
17	1	3	1	2	2	1	4.00	119	41	9	4
18	1	1	1	1	1	2					
19	1	2	1	1	1	1		115	34	8	4
20	1	1	1	2	1	1		93	39	10	5
21	1	1	1	1	1	2		107	38	12	2
22	1	1	1	2	1	1		117	58	11	5
23	1	1	1	1	1	1					
24	1	1		1	1	1		96	31	9	2
25	1	1	1	1	2	1	7.00	91	42	6	6
26	1	3	1	1	1	2		95	42	11	4
27	1	2		1	1	2		313	42	13	6
28	1	1	1	1	1	1		98	44	12	5
29	1	1	1	1	1	1		100	25	3	3
30	1	1	1	2	1	1		122	51	14	8
31	1	1	1	1	1	2		104	42	9	6
632	1	1	1	2	1	1		121	61	15	7
633	1	3	1	1	1	2		136	65	18	7
[illegible]	1	1	1	1	1	1		123	51	12	4
	1	3	1	1	2	1	9.00	117	27	7	2
636	1	1	1	1	1	1		132	54	12	2
637	1	1	1	1	1	1			46	13	6
638	1	1	1	2	1	2		118	67	17	8
639	1	2	1	1	1	2		137	50	9	6
640	1	1	2	1	2	2	1.00	135	52	12	4
641	1	2	1	2	1	1			37	6	4
642	1	3	1	1	2	1	4.00	97	42	8	3
643	1	1	1	2	1	1					
644	1	1	1	1	1	2		100	28	8	2
645	1	2		2	2	1	1.00	122	73	19	8
[illegible]	1	1	1	1	1	1		104	46	12	5
[illegible]	1	1	1	1	1	1		110	40	5	7
[illegible]	1	1	1	2	1	1		107	45	14	2
[illegible]	1	1	1	2	1	1					
[illegible]	3	1	1	1	1	1					
651	1	2	1	2	1	1		111	26	11	2
652	1	1	1	2	1	1		111	22	4	5
653	1	1	1	1	1	1		114	47	14	3
654	1	2	1	1	1	1		121	47	10	5
655	1	1	1	1	1	1		102	22	1	
656	1	2	1	2	1	1		102	29	7	3
657	2	1	1	1	1	2			41	12	2
658	1	3	1	2	1	2		132	50	12	3
659	1	2	1	1	1	2		97	32	9	6
660	1	1	1	2	1	1		140	53	14	3

STUDDEMO.XLS

CASE	CLASSIF	GRADE	CIVEDHS	AMC HS	TECH SCH	COLLEGE	TECSCHPG	MM	RAWSCORE	SUBSCR1	SUBSCR2
661	1	2		1	1	1			26	6	3
662	1	1	1	2	1	1			40	9	3
663	1	1	1	2	2	1	9.00		48	12	4
664	1	1	1	1	1	2			41	14	2
665	1	1	1	1	1	1		110	49	15	2
666	1	3	1	1	1	2		95	33	8	1
667	1	1	1	2	1	1		132	59	11	6
668	1	2	1	1	2	1	9.00		45	14	2
669	1	1	1	1	1	2		101	25	5	5
670	1	1	1	1	1	1			29	10	4
671	1	1	1	1	1	1		105	34	11	4
672	1	2	1	2	1	1		104	32	6	3
673	1	1	1	2	1	1			33	9	4
674	1	1	1	1	1	1			44	12	4
675	1	2	1	2	1	2		118	60	15	8
676	1	1	1	2	1	1		102	33	9	2
677	1	1	1	2	1	1		127	58	16	5
678	1	2	1	1	1	1			21	4	5
679	1	1	1	2	1	1		120	41	6	4
0	1	2	1	2	1	1		127	51	13	5
81	1	2	1	2	2	1	1.00	116	55	15	4
2	1	1	1	1	1	1					
3	1	2	1	1	1	1		106	40	14	4
4	1	1	1	1	1	1		116	45	12	3
685	1	2	2	1	1	2		137	67	21	6
686	1	1	1	2	1	1		96	41	9	5
687	1	1	2	2	1	1		110	48	13	6
688	1	1	1	1	1	1		115	46	11	5
9	1	3	1	2	2	1	1.00	127	55	14	6
0	1	1	1	2	1	1		131	49	12	3
1	1	1	1	1	1	2		107	30	5	3
2	1	2	1	2	1	1		118	37	7	1
3	1	2	1	1	1	1		101	40	9	6
4	1	1	1	1	1	1		97	33	11	3
5	1	1	1	1	1	1		123	36	12	4
	1	1	1	1	1	1		118	29	12	3
7	1	3	2	2	1	2			76	18	6
98	1	1	1	1	1	1		109	38	8	3
99	1	3	1	2	2	1	1.00	120	84	22	10
00	1	1	1	1	1	1		90	44	10	4
1	1	1	1	1	1	1		96	35	12	2
2	1	1	1	1	1	1		90	42	16	3
3	1	1	1	2	1	1		96	48	9	4
	1	1	1	1	1	1			32	8	4
	1		1	1	1	2		92	41	7	4
	1	2	1	2	1	1			37	9	3
07	1	1	1	2	1	1		121	54	9	8
08	1	1	1	1	1	1			30	5	2
09	1	1	1	1	2	1	1.00		45	10	3
10	1	1	1	1	1	1		98	33	10	3
11	1	1	1	1	1	1		91	37	10	5
12	1	1	1	1	1	2			27	6	5
713	1	1	1	2	1	1		104	33	6	6
714	1	1	1	1	2	1	7.00	108	30	2	2
5	1	2	1	2	2	1	1.00	112	40	7	6

E	CLASSIF	GRADE	CIVEDHS	AMC HS	TECH SCH	COLLEGE	TECSCHPG	MM	RAWSCORE	SUBSCR1	SUBSCR2
716	1	1	1	1	1	1		91	32	8	4
717	1	1	1	1	1	1		91	41	10	3
718	1	1	1	1	1	2			32	7	3
719	1	1	1	1	1	1		102	50	12	8
720	1	3	1	1	2	2	4.00	119	63	12	8
721	1	1	1	2	1	1		106	31	10	2
722	1	1	1	2	1	1		106	45	11	6
723	1	3	1	1	2	1	1.00				
724	1	1	1	1	1	1		118	45	6	6
725	1	1	1	1	1	1		98	39	9	3
726	1	2	1	1	1	2		113	26	7	3
727	1	1	1	1	1	1			27	9	4
728	1	2	1	1	1	2			33	8	2
729	1	1	2	1	1	1		108	43	10	4
730	1	1	1	2	1	1		91	38	9	6
731	1	1	1	1	1	1					
732	1	1	3	1	1	1			42	10	3
733	1	1	1	1	1	1		95	37	10	3
734	1	2	1	2	1	1		91	55	12	5
735	1	1	1	1	1	1		110	49	12	6
736	1	2	2	1	2	2	1.00	122	79	18	8
[illegible]	1	1	1	2	2	1	9.00	108	45	11	4
738	1	2	1	1	1	1		91	31	7	3
739	1	1	1	2	1	1		111	42	9	6
740	1	3	1	2	2	1	1.00		82	21	8
741	1	1	1	2	1	1		111	41	12	4
742	1	1	1	1	1	1		107	50	12	7
743	1	1	1	2	1	1		129	62	18	6
744	1	1	1	1	1	1			35	9	3
745	1	2	1	2	1	1		101	39	8	2
746	1	1	1	1	1	2		106	28	7	5
747	1	1	1	1	1	1		95	27	6	5
748	1	2		1	2	1	1.00	116	52	10	4
749	1	1	1	1	1	1		98	29	6	4
750	1	3	1	1	1	1		99	35	7	4
751	1	3	3	1	1	1					
752	1	1	1	2	1	2		106	36	7	3
753	1	3	2	1	1	2		120	32	6	2
754	1	1	1	1	1	1		129	43	10	3
755	1	2	1	1	1	1		92	21	5	2
756	1	2	1	2	1	1		115	46	13	5
757	1	1	1	1	1	2		90	31	9	2
758	1	1	1	1	1	1		101	35	8	4
759	1	4	1	1	1	2		118	37	9	3

E	SUBSCR3	SUBSCR4	SUBSCR5	PCTCORR	CL	SC	FA	OF	ST	CASE	GT	CO	EL	GM
1	3	8	8	23	83	85	79	89	83	1	84	83	85	92
2										2				
3	7	14	14	42	98	107	111	109	98	3	93	115	101	104
4	4	9	9	31	113	118	111	121	114	4	112	116	108	115
5	8	18	18	46						5				
6	5	9	9	34	88	102	88	101	97	6	91	98	87	97
7	8	10	10	35	89	98	90	106	89	7	97	99	88	91
8	10	13	13	44		113	102	124	106	8	103	110	95	105
9	6	16	16	44	103	114	110	123	112	9	97	118	108	120
10	4	6	6	20	92	86	95	98	96	10	91	90	88	88
11										11				
12	6	10	10	27	115	114	115	107	113	12	118	114	110	106
13	10	24	24	61	126	135	129	133	128	13	126	133	130	132
14	6	8	8	27	100	97	96	112	105	14	93	98	98	110
15	6	13	13	35	115	116	108	118	116	15	115	113	119	125
16	7	12	12	38	114	122	123	120	116	16	118	126	113	110
17	8	8	8	30	89	89	96	101	91	17	89	93	87	92
18	6	15	15	33	99	104	96	113	99	18	103	104	100	106
19	8	12	12	47	107	113	108	107	111	19	111	111	113	112
20	6	17	17	49	95	109	90	111	102	20	103	104	103	112
21										21				
22										22				
23	6	9	9	35	102	109	108	106	100	23	100	116	102	109
24	5	9	9	26	93	90	91	91	98	24	91	86	92	91
25	7	12	12	40	99	91	96	93	99	25	95	91	98	97
26	7	13	13	33	94	93	89	99	98	26	93	89	93	99
27	6	10	10	34	90	98	86	103	93	27	93	94	97	105
28	10	16	16	46	101	104	98	101	105	28	99	98	93	97
29	4	10	10	30	120	111	115	111	111	29	118	111	114	110
30	7	19	19	60	96	109	103	113	108	30	95	113	106	116
31	6	12	12	36	102	107	96	99	95	31	114	108	106	105
32	7	15	15	50	96	111	105	111	101	32	94	114	100	109
33	7	13	13	39						33				
34	7	10	10	41	109	101	115	98	107	34	101	107	107	104
35	12	21	21	65	107	118	103	116	114	35	105	111	119	129
36	6	16	16	39	95	94	86	97	95	36	96	90	99	105
37										37				
38	11	19	19	64	112	121	116	121	109	38	117	123	114	114
39	3	10	10	28	95	88	98	92	88	39	88	92	90	90
40	8	12	12	42						40				
41	4	5	5	27	118	117	117	110	117	41	118	113	113	107
42	5	11	11	30	88	81	94	94	90	42	86	88	83	83
43	6	8	8	27	104	92	88	96	99	43	105	83	102	97
44	4	4	4	21	102	100	96	102	101	44	107	99	97	99
45	7	15	15	49	126	121	123	119	122	45	122	120	130	129
46	8	18	18	47	96	108	100	107	98	46	94	109	100	109
47	6	8	8	41	110	118	116	120	110	47	109	123	114	119
48	6	7	7	38	89	107	95	106	104	48	88	105	95	107
49	7	15	15	27	101	95	121	98	95	49	90	112	112	105
50	8	24	24	62	122	129	119	125	124	50	124	126	130	135
51	6	8	8	25	99	105	114	114	105	51	98	116	90	95
52										52				
53	6	18	18	39	123	127	126	129	127	53	120	128	124	128
54	4	4	4	27	121	109	111	102	109	54	120	106	111	105
55	3	7	7	27	92	88	93	96	90	55	95	91	87	85

SE	SUBSCR3	SUBSCR4	SUBSCR5	PCTCORR	CL	SC	FA	OF	ST	CASE	GT	CO	EL	GM
56	7	8	8	31	99	92	96	98	95	56	102	92	93	88
57	7	16	16	42	113	115	109	114	122	57	111	111	119	125
58	5	12	12	36	94	99	105	101	97	58	93	103	90	88
59	3	13	13	35	93	110	98	108	86	59	100	114	94	98
60	6	14	14	41	111	106	107	108	101	60	113	105	104	99
61	10	15	15	47	129	135	134	134	133	61	126	135	135	136
62	10	13	13	44	102	115	112	116	108	62	102	120	111	115
63	9	12	12	38	104	108	108	112	113	63	103	108	106	107
64	7	16	16	46	102	114	99	102	104	64	104	108	113	118
65	5	13	13	35	103	103	104	109	101	65	109	102	98	92
66	10	15	15	46	108	114	107	109	99	66	117	117	103	103
67	5	15	15	42						67				
68	9	22	22	58	121	124	125	125	122	68	116	128	125	130
69	8	14	14	43	111	111	123	113	106	69	104	117	101	97
70	10	24	24	65	113	125	111	116	118	70	317	119	118	121
71	8	17	17	40	96	85	96	88	93	71	89	89	99	98
72										72				
73	5	7	7	30	93	89	90	91	78	73	93	91	83	81
74	4	14	14	39	129	122	122	111	124	74	126	117	127	123
75	7	17	17	42	121	124	122	119	114	75	120	126	122	123
76	9	15	15	51	93	101	93	96	98	76	87	101	106	118
77	12	14	14	54	99	119	107	116	101	77	109	121	107	110
78	4	10	10	28	96	92	99	102	94	78	95	97	89	90
79	9	14	14	52	107	125	115	127	117	79	109	125	116	125
80	6	14	14	36	102	105	105	114	101	80	97	110	107	116
81	7	15	10	38						81				
82		10	10	26	91	90	86	91	89	82	95	88	88	90
83	6	13	13	42						83				
84	10	9	9	40	91	104	89	101	88	84	101	103	92	95
85	7	10	10	37	97	101	95	100	101	85	101	98	100	102
86	6	7	7	29	113	115	103	107	118	86	115	105	115	116
87	6	13	13	43	94	94	96	91	89	87	97	96	91	88
88	7	10	10	38	92	99	103	107	95	88	90	109	95	101
89	10	18	18	49	89	108	92	110	105	89	90	104	97	111
90	8	15	15	33	102	92	92	98	89	90	105	97	93	95
91	7	6	6	29	97	102	103	101	91	91	102	108	90	87
92	6	14	14	43	111	117	120	117	113	92	112	123	116	116
93	9	12	12	39	109	107	99	106	109	93	111	98	105	104
94	2	10	10	25	86	94	92	102	94	94	90	96	86	89
95	7	6	8	27						95				
96	9	12	12	42	89	91	102	101	94	96	93	103	87	86
97	10	18	18	55	96	116	102	126	113	97	97	116	110	125
98	4	10	10	21	96	94	91	99	100	98	96	89	94	94
99	4	14	14	33	100	98	101	99	93	99	97	100	93	93
100	4	6	6	24	100	98	100	98	99	100	103	99	93	91
101	4	8	8	29						101				
102	7	10	10	35	91	88	99	96	89	102	87	93	80	78
103	7	15	15	45	85	96	80	95	95	103	89	89	88	98
104	6	12	12	39	107	116	118	118	112	104	105	123	116	121
105	3	10	10	29	89	92	92	94	87	105	93	94	85	85
106	7	20	20	42	130	128	138	122	133	106	125	132	123	118
107	9	21	21	60						107				
108	2	11	11	23	92	85	90	98	87	108	91	90	87	91
109	12	18	18	52	115	119	115	115	120	109	112	117	120	125
110	7	8	8	30	95	101	87	105	98	110	95	93	97	102

CASE	SUBSCR3	SUBSCR4	SUBSCR5	PCTCORR	CL	SC	FA	OF	ST	CASE	GT	CO	EL	GM
111	7	13	13	45	121	107	119	106	108	111	117	112	110	105
112	5	11	11	28	110	91	102	99	100	112	107	91	98	93
113	7	10	10	31	95	94	108	96	102	113	89	104	98	98
114	7	12	12	38	93	84	97	92	90	114	87	89	97	95
115										115				
116	9	17	17	50	103	120	106	120	109	116	109	109	102	111
117	8	14	14	56						117				
118	3	9	9	29	115	110	111	113	109	118	111	111	105	109
119	10	19	19	49						119				
120	9	20	20	55	97	112	103	111	101	120	100	113	102	109
121	8	16	16	42	128	122	123	122	126	121	126	118	120	116
122	6	19	19	42	103	105	104	110	112	122	97	104	103	112
123	8	8	8	28	91	106	83	101	101	123	93	94	103	114
124	6	17	17	42	107	104	105	103	108	124	113	101	97	88
125	4	15	15	34	87	92	91	103	93	125	89	98	95	102
126	7	11	11	35	112	117	116	118	119	126	113	118	112	112
127	10	17	17	61	104	112	108	115	102	127	102	115	102	109
128	7	14	14	49	95	117	97	116	107	128	103	113	103	114
129	6	13	13	43	113	128	119	127	121	129	116	129	118	123
130	6	11	11	33	93	104	94	103	102	130	90	101	87	107
131	7	15	15	38	94	96	96	104	93	131	93	98	90	93
132	9	20	20	51	120	127	129	124	127	132	115	132	127	132
133	6	12	12	34	99	99	100	102	98	133	99	102	104	106
134	7	10	10	37	113	105	119	105	109	134	111	113	108	102
135	8	17	17	46	89	101	91	107	97	135	91	98	80	88
136	9	15	15	46	98	99	99	101	85	136	100	104	91	92
137	5	15	15	42	110	111	110	109	107	137	113	111	114	109
138	5	5	5	27	91	88	104	96	93	138	87	99	94	91
139	8	10	10	36	103	95	98	102	104	139	97	93	99	102
140	7	14	14	40	113	118	116	120	110	140	115	122	110	113
141	8	11	11	49	97	113	98	111	104	141	101	111	103	113
142	8	11	11	36	93	110	96	104	95	142	99	109	92	98
143	6	15	15	34	87	85	90	94	91	143	84	89	89	91
144	9	11	11	38	110	111	106	111	105	144	112	107	95	96
145	5	12	12	36	99	108	98	110	94	145	109	106	93	92
146	8	12	12	36	88	95	90	98	87	146	90	99	94	101
147	6	15	15	38	91	97	93	90	86	147	95	101	93	95
148	6	18	18	48						148				
149	5	15	15	41	101	115	101	109	106	149	105	111	110	114
150	5	9	9	30	88	108	96	112	100	150	94	111	93	103
151	4	8	8	26	100	96	104	105	100	151	97	102	98	100
152	4	9	9	32	104	102	103	109	105	152	102	103	99	101
153	3	12	12	37	109	121	109	117	110	153	111	118	108	114
154	3	13	11	36						154				
155	7	11	11	42	120	107	118	106	126	155	113	102	119	110
156	2	10	10	28	104	98	104	104	102	156	99	96	96	94
157	4	13	13	35	106	98	93	102	101	157	103	91	103	105
158	2	11	11	31	124	114	118	109	114	158	123	113	116	112
159	8	7	7	27	89	90	90	101	87	159	84	96	85	97
160	4	9	9	30	93	85	93	92	91	160	94	88	96	92
161	7	14	14	41	124	132	129	129	122	161	124	134	122	123
162	8	15	15	48	95	101	102	105	90	162	94	107	92	95
163	5	12	12	28	102	104	101	94	106	163	100	98	111	109
164	6	10	10	33	115	99	111	99	104	164	108	99	107	101
165	4	9	8	30						165				

SE	SUBSCR3	SUBSCR4	SUBSCR5	PCTCORR	CL	SC	FA	OF	ST	CASE	GT	CO	EL	GM
166	6	12	12	36	108	97	115	99	93	166	107	109	98	90
167	6	13	13	44	115	105	115	98	105	167	114	107	103	94
168	4	9	9	33	116	121	118	111	112	168	116	124	123	126
169	9	7	7	36	85	85	87	91	82	169	88	89	84	85
170	8	11	11	38	101	114	106	116	105	170	102	115	96	104
171	10	14	14	49						171				
172	5	16	16	40	91	99	98	98	103	172	94	99	100	98
173	3	11	11	32	110	95	109	94	100	173	103	100	106	102
174	4	19	19	46	95	102	94	94	98	174	96	100	98	104
175	9	9	9	39						175				
176	2	6	6	27	108	96	104	101	102	176	107	96	96	92
177	4	8	5	26						177				
178	4	6	6	29	125	115	128	114	122	178	117	115	118	107
179	9	6	6	28	101	101	108	96	95	179	99	109	98	97
180	9	9	9	38	94	97	101	90	99	180	95	98	102	95
181	6	6	6	29	91	88	90	93	89	181	91	89	92	91
182	6	14	14	44	96	98	97	104	97	182	94	103	101	107
183	7	8	8	29	91	99	98	101	105	183	90	97	93	94
184	6	9	12	40						184				
185	7	17	17	44	108	105	108	110	105	185	104	108	110	114
186	5	8	8	28	96	88	104	93	95	186	90	96	97	92
187	3	11	11	37	95	85	87	86	87	187	93	79	93	88
8	6	14	14	37	97	95	97	99	97	188	94	98	92	97
9	6	7	12	35						189				
90	7	8	8	31	104	102	98	104	108	190	100	96	94	98
91	3	8	8	18	104	101	99	104	105	191	103	97	105	103
92	6	4	5	17						192				
93	9	14	14	50	121	112	119	107	114	193	115	114	124	120
4	2	11	11	27	93	91	92	97	87	194	99	91	84	78
5	5	9	9	29						195				
196	8	12	12	33	90	95	87	98	93	196	96	91	84	86
197	9	10	10	42	97	98	97	102	95	197	97	96	93	91
8	9	17	17	55	115	107	106	98	109	198	109	103	114	115
199	9	12	12	37	96	95	97	98	98	199	94	94	92	91
00	6	12	12	27	94	87	101	87	83	200	95	95	92	82
01	3	6	6	30	118	95	109	100	108	201	111	94	108	101
2	8	21	21	50	115	127	124	127	121	202	115	132	119	127
203	9	17	17	55	112	127	116	129	109	203	116	126	104	109
204	6	14	14	41	110	100	107	101	113	204	104	94	108	101
205	5	17	17	39	105	107	105	114	110	205	100	107	111	117
05	8	12	12	42	107	109	109	112	108	206	111	110	113	109
07	7	13	13	45	99	104	102	104	91	207	99	108	92	94
08	6	10	10	35						208				
09	6	11	11	30	93	90	104	99	92	209	87	100	89	89
210	9	21	21	53	96	114	99	116	110	210	104	113	110	119
11	4	17	17	39	101	112	105	117	102	211	108	114	99	102
12	5	13	13	41	114	111	107	111	110	212	116	110	114	115
213	8	13	13	41	86	97	77	94	83	213	91	89	83	95
4	5	10	10	32	96	94	102	102	96	214	95	99	81	84
5	6	15	15	40	118	116	114	114	116	215	113	113	126	130
6	6	13	13	40	108	109	105	107	113	216	108	103	106	105
7	9	15	15	45	107	88	96	96	99	217	102	84	100	95
8	7	17	17	38	95	98	92	103	106	218	96	93	100	106
9	6	9	9	30	112	98	107	98	104	219	110	97	105	94
0	8	14	14	51	103	112	105	118	123	220	99	109	112	125

CASE	SUBSCR3	SUBSCR4	SUBSCR5	PCTCORR	CL	SC	FA	OF	ST	CASE	GT	CO	EL	GM
221	3	12	12	27	88	81	91	93	89	221	82	85	84	85
222	4	5	11	32						222				
223	5	15	15	37	110	107	109	107	102	223	110	108	102	100
224	3	5	7	27						224				
225	5	6	6	35	111	104	104	98	101	225	114	102	109	102
226	10	12	12	41	99	112	101	116	115	226	100	109	109	121
227	3	12	12	33	95	110	95	108	101	227	99	108	101	113
228	5	15	15	41	95	102	98	94	97	228	94	104	92	100
229	4	8	8	29	101	95	101	104	103	229	100	94	94	90
230	5	11	11	40	108	104	108	110	104	230	103	106	103	105
231	6	8	8	27	110	105	112	107	99	231	107	109	103	99
232	6	10	10	30	91	92	96	101	92	232	89	99	94	98
233										233				
234	7	10	10	27	97	99	97	103	94	234	94	99	92	96
235	3	13	13	36	96	93	104	94	101	235	87	99	109	109
236	3	8	8	26	92	81	88	90	87	236	86	83	96	96
237	6	5	13	34						237				
238	6	10	10	30	100	111	103	110	113	238	100	110	109	118
239	5	4	13	27						239				
240	5	11	11	37	106	103	107	103	88	240	115	110	98	90
241	5	10	10	32	93	85	102	94	91	241	88	94	85	82
242	4	11	11	25	97	101	100	101	101	242	103	103	94	87
243	6	11	11	40	99	108	107	111	105	243	97	114	108	115
244	7	8	8	35	108	101	115	104	101	244	103	108	103	98
245	6	12	12	35	97	89	90	97	90	245	99	84	86	81
246	7	14	14	38	117	124	124	122	125	246	113	125	120	123
247	5	15	15	43	88	90	87	91	82	247	86	91	87	92
248	7	10	10	37	94	109	87	108	102	248	102	101	102	109
249	5	13	13	35	85	86	83	91	84	249	86	86	85	92
250	6	9	9	37	90	86	86	89	86	250	93	84	88	85
251										251				
252	7	6	9	34						252				
253	9	12	12	37	122	125	130	128	127	253	117	132	128	133
254	6	16	16	37	102	105	105	108	104	254	100	109	97	102
255	8	19	19	42	106	114	108	115	115	255	107	113	109	115
256	5	11	11	34	102	109	103	113	104	256	100	108	101	108
257	12	20	20	55	102	109	94	106	106	257	103	102	104	114
258	5	13	13	32	92	87	93	95	91	258	86	89	90	94
259	8	17	17	48	102	109	101	110	112	259	102	106	114	120
260	7	18	18	46	99	111	106	112	105	260	100	114	105	109
261	7	10	10	37	107	111	105	109	105	261	108	110	101	107
262	8	20	20	64	110	126	108	114	113	262	117	121	120	124
263	6	8	8	29	107	108	101	103	104	263	110	105	107	109
264	7	12	12	38	105	115	110	110	117	264	109	111	114	111
265	8	21	21	54						265				
266	4	9	9	27	91	94	80	102	96	266	96	81	87	88
267	8	13	13	44	96	109	101	108	101	267	96	109	106	113
268	8	10	10	43						268				
269	9	14	14	42	95	98	102	99	87	269	102	106	89	84
270										270				
271	3	5	5	19	96	90	100	97	96	271	96	95	97	93
272	5	8	8	26	93	85	95	93	90	272	93	89	92	85
273	6	11	11	36	99	88	99	98	94	273	95	92	96	94
274	5	14	14	40	91	102	91	109	100	274	98	101	92	100
275	8	9	9	32	105	111	102	119	112	275	105	108	107	114

CASE	SUBSCR3	SUBSCR4	SUBSCR5	PCTCORR	CL	SC	FA	OF	ST	CASE	GT	CO	EL	GM
276	10	17	17	49						276				
277	6	13	13	40	100	109	107	117	104	277	100	113	96	104
278	3	10	10	26	92	89	105	98	90	278	89	101	90	86
279	7	12	12	34	95	95	110	99	91	279	90	108	101	97
280	5	10	10	34	110	122	109	121	118	280	110	118	111	121
281	11	23	23	69	93	107	88	109	101	281	94	99	106	118
282	8	13	13	50	113	131	111	127	119	282	125	125	123	126
283	8	17	17	53	99	109	95	110	106	283	102	103	109	117
284	8	10	10	39	96	95	103	96	96	284	97	101	90	87
285	4	9	9	30	91	103	102	105	95	285	99	109	92	90
286	7	16	16	38	95	100	97	107	92	286	97	101	89	93
287	3	8	8	35	110	118	108	114	113	287	107	116	113	123
288	8	19	19	58	99	108	107	111	105	288	97	114	108	115
289	11	13	13	43	113	114	119	114	116	289	108	119	116	118
290	7	8	8	40	102	113	110	120	110	290	102	120	103	115
291	4	10	10	27	96	84	95	93	93	291	97	85	94	86
292	10	17	17	53	99	120	106	117	107	292	111	123	109	116
293	6	16	16	43	128	117	116	114	118	293	122	115	134	136
294	5	13	13	37	110	112	124	113	99	294	110	123	102	97
295	6	9	9	36	90	99	98	107	94	295	91	105	95	102
296	6	11	11	35	89	89	92	99	90	296	88	92	89	91
297	8	14	14	46	96	111	93	109	102	297	101	106	101	113
298	6	11	11	27	120	119	118	114	126	298	117	115	122	122
299	8	20	20	53	88	100	78	96	87	299	95	94	93	106
300	2	7	7	26	97	90	99	98	95	300	90	94	97	98
301	7	13	13	50	85	101	95	105	90	301	88	106	88	96
302	10	14	14	50	99	107	108	199	109	302	94	115	112	125
303	9	14	14	38	101	106	113	113	115	303	90	113	115	123
304	8	15	15	42	102	109	101	116	114	304	104	107	115	123
305	1	15	15	28	108	110	116	108	112	305	104	114	110	112
306	6	15	15	44	106	117	122	115	114	306	104	126	112	112
307	6	9	15	39						307				
308	4	12	12	36	97	103	102	106	96	308	94	105	94	98
309	6	12	12	35	95	89	92	97	90	309	97	87	87	84
310										310				
311	5	9	9	33	93	104	101	106	91	311	96	108	92	95
312	9	9	9	37	96	111	102	116	103	312	101	112	101	105
313	7	12	12	41	88	102	87	104	86	313	99	100	82	87
314	6	16	16	48	111	122	115	119	110	314	114	124	114	118
315	8	10	10	34	103	102	113	110	107	315	102	109	93	93
316	10	10	10	42	94	95	102	106	99	316	96	102	101	101
317	4	13	13	35	118	104	119	106	110	317	112	110	114	109
318	7	15	15	42	117	128	121	127	127	318	123	117	118	125
319										319				
320	7	16	16	48	115	126	123	128	123	320	114	128	118	121
321	12	28	28	76	112	118	117	122	122	321	109	120	123	130
322	4	10	10	30	90	98	91	104	85	322	100	104	99	104
323	5	14	14	39	121	129	127	133	129	323	121	131	129	133
324	7	9	9	35	112	102	110	101	104	324	110	103	117	108
325	8	15	15	46	107	122	111	123	114	325	108	121	117	115
326	10	17	17	53	118	116	118	119	113	326	115	120	119	122
327	5	8	8	31	96	84	98	93	90	327	94	89	89	84
328	4	15	15	37	101	95	110	107	104	328	94	106	99	104
329	7	9	9	33	93	91	88	95	83	329	97	90	89	89
330	9	26	26	69	110	129	117	130	124	330	115	128	121	128

CASE	SUBSCR3	SUBSCR4	SUBSCR5	PCTCORR	CL	C	FA	OF	ST	CASE	GT	CO	EL	GM
331	8	15	15	39	110	119	108	120	108	331	115	116	110	111
332	5	11	11	24	122	118	128	118	120	332	122	120	115	105
333	7	9	9	27	108	112	99	108	106	333	110	104	102	105
334	10	20	20	58						334				
335	5	13	13	35	111	112	107	118	109	335	108	108	110	115
336	7	10	10	30	124	119	124	110	122	336	121	119	124	119
337	6	13	13	38	99	99	97	101	102	337	94	94	94	98
338	7	17	17	50	88	108	96	107	101	338	87	108	92	108
339	7	13	13	42	129	112	121	101	110	339	124	109	110	100
340	5	10	10	31	91	102	88	104	94	340	96	98	92	100
341	4	6	6	34	128	128	132	129	125	341	123	131	126	126
342	5	10	10	30	108	98	100	101	99	342	107	96	103	102
343	6	12	12	35	91	92	101	94	98	343	87	98	95	98
344	7	10	10	32	92	88	86	93	84	344	89	84	81	83
345	3	8	8	30	91	85	93	96	90	345	91	89	84	83
346	6	14	14	37	93	101	103	104	98	346	93	108	99	103
347	6	12	12	39						347				
348	6	13	13	33	108	105	110	111	108	348	108	105	99	95
349	11	12	12	39	86	97	93	109	99	349	83	100	98	109
350	6	13	13	35	124	112	123	115	118	350	118	114	116	112
351	6	12	12	25	85	92	93		91	351	91	90	83	83
352	9	19	19	65	110	120	119	122	112	352	110	126	116	120
353	10	10	10	42	108	115	110	114	104	353	110	118	107	109
354	6	12	12	34	102	96	108	102	102	354	100	102	94	90
355	8	11	11	30	99	94	101	103	102	355	95	98	97	99
356	7	14	14	35	91	87	83	94	91	356	93	81	88	88
357	5	19	19	43						357				
358	3	8	8	24	99	95	108	101	94	358	100	102	89	82
359	9	15	15	45	101	104	114	107	96	359	94	120	109	114
360	8	19	19	51	119	123	122	123	118	360	120	126	122	125
361	9	4	9	30						361				
362	6	7	7	27	104	99	99	108	101	362	101	98	98	101
363	6	14	14	39	107	105	105	107	104	363	103	103	106	104
364	12	15	15	50	111	102	108	107	101	364	111	105	100	98
365	9	18	18	56						365				
366	9	18	18	45	110	122	114	116	113	366	112	121	111	115
367	7	7	7	34	118	109	111	107	112	367	116	106	118	114
368	4	10	10	27	97	91	99	94	87	368	100	93	88	79
369	6	14	14	36	87	92	81	96	87	369	93	87	80	87
370	8	14	14	49	121	125	124	129	124	370	117	128	123	129
371	11	15	15	58	132	135	137	134	135	371	128	138	137	139
372	9	11	11	50	94	108	96	107	89	372	100	112	95	104
373	6	13	13	36	106	114	106	112	111	373	110	111	109	111
374										374				
375	4	8	8	27	109	101	104	105	105	375	104	99	99	99
376	4	8	8	23	98	93	108	106	107	376	89	102	96	100
377	6	8	8	36	115	101	115	105	105	377	104	104	110	107
378	3	13	13	29	90	88	86	93	90	378	86	83	92	91
379	7	15	15	46	129	131	133	130	130	379	125	133	126	126
380	8	14	14	41	117	124	111	124	116	380	116	116	119	122
381	7	17	17	47	106	118	113	120	109	381	107	121	105	112
382	6	10	10	33	115	108	114	111	106	382	115	109	103	97
383										383				
384	10	19	19	50	121	126	116	121	129	384	116	120	123	132
385	3	9	9	34	105	105	107	109	101	385	108	104	99	94

CASE	SUBSCR3	SUBSCR4	SUBSCR5	PCTCORR	CL	SC	FA	OF	ST	CASE	GT	CO	EL	GM
386	7	8	8	36	124	122	138	123	124	386	117	134	128	126
387	9	14	14	45	108	111	115	112	108	387	107	113	107	104
388	5	16	16	33	119	125	131	126	118	388	114	132	116	116
389	7	8	8	37	107	111	110	116	111	389	103	112	103	110
390	3	6	6	26	91	83	93	87	85	390	86	87	89	87
391	10	9	9	40	93	107	97	106	92	391	95	110	102	110
392	7	12	12	30	99	98	101	101	95	392	96	99	84	83
393	5	16	16	45	117	122	117	114	114	393	116	123	123	126
394	8	22	22	62	101	116	105	114	101	394	108	116	106	110
395	6	16	16	42	121	112	124	114	113	395	115	120	114	114
396	10	12	12	42	90	98	89	98	95	396	91	96	92	99
397	7	13	13	44	116	120	118	117	118	397	110	120	119	123
398	6	9	9	34	118	119	127	117	118	398	117	127	122	119
399	3	13	13	27	116	114	110	104	116	399	116	105	110	106
400	4	10	10	26	92	96	102	98	93	400	91	108	96	100
401	9	7	8	30						401				
402	9	9	9	41	88	97	100	106	93	402	83	105	94	102
403	4	8	8	24	102	95	103	98	99	403	89	92	106	105
404	7	9	9	33	120	125	125	129	129	404	116	125	127	129
405	8	13	13	38	110	128	112	120	116	405	115	123	115	121
406										406				
407	3	14	14	40	101	118	117	120	101	407	105	130	102	107
408	7	22	22	62	107	121	115	123	106	408	111	126	108	114
409	5	7	7	27	110	104	108	106	112	409	105	101	97	96
410	9	15	15	41	113	117	113	117	123	410	111	112	110	112
411	8	21	21	63	116	131	124	130	121	411	118	132	118	122
412	10	12	12	47	94	98	83	96	96	412	98	87	97	100
413	6	8	8	38	94	97	86	91	92	413	93	93	97	106
414	13	14	14	47						414				
415										415				
416	7	13	13	41						416				
417	5	4	4	22	97	105	107	106	94	417	101	115	94	95
418	8	7	7	35	99	98	93	104	91	418	97	96	90	95
419	5	15	15	41	92	88	89	96	86	419	96	89	84	83
420	7	11	11	35	86	91	96	101	89	420	86	97	85	86
421	7	16	16	50	129	131	128	132	131	421	125	128	122	124
422	7	8	8	28	93	85	90	90	80	422	90	88	87	85
423	9	18	18	56	115	125	118	119	128	423	114	122	122	128
424	4	10	10	28	97	100	97	109	97	424	97	101	97	103
425	8	11	11	42	102	108	105	112	108	425	101	109	100	107
426	6	15	15	46	90	99	90	96	90	426	88	100	100	111
427	5	10	10	29	101	99	98	95	100	427	102	98	109	109
428	7	15	15	44	122	122	125	126	125	428	116	126	125	131
429										429				
430	6	9	9	28	91	84	87	98	96	430	91	79	85	83
431	8	14	14	37	91	96	99	104	85	431	96	101	82	80
432	10	23	23	62						432				
433	8	13	13	42	90	102	90	106	91	433	93	104	89	101
434	5	13	13	32	88	93	98	100	97	434	89	99	97	98
435	3	10	10	31	103	100	99	102	109	435	105	93	96	90
436	7	7	7	22	104	91	107	99	101	436	99	96	98	92
437	7	10	10	31	103	92	93	95	97	437	102	89	96	95
438	4	11	11	34	99	101	113	102	101	438	99	114	104	103
439	3	8	10	27						439				
440	3	12	12	27	103	88	101	85	93	440	94	89	107	101

ASE	SUBSCR3	SUBSCR4	SUBSCR5	PCTCORR	CL	SC	FA	OF	ST	CASE	GT	CO	EL	GM
441	7	17	17	46	101	119	105	114	97	441	108	118	93	97
442	1	14	14	35	95	98	101	103	91	442	100	103	86	83
443	2	12	12	34	110	101	106	101	101	443	111	98	100	92
444	4	9	9	31	99	90	107	97	88	444	97	98	85	77
445	6	12	12	43	118	120	121	119	119	445	112	120	121	123
446	5	9	11	30						446				
447	6	5	8	28						447				
448	8	18	18	43	91	102	99	107	107	448	88	105	100	108
449	5	13	13	36						449				
450	7	14	14	42						450				
451	11	9	11	38						451				
452	7	14	14	32	96	101	89	102	98	452	100	98	97	104
453	2	14	14	35	88	92	88	99	98	453	93	89	87	87
454	9	18	18	53	125	132	131	134	124	454	123	134	117	120
455	8	9	9	30	97	91	111	99	92	455	94	103	87	81
456										456				
457	8	9	14	40						457				
458	4	13	13	34	98	89	104	92	89	458	93	94	88	81
459	8	19	19	40	107	105	110	105	101	459	107	109	101	99
460	8	10	12	33						460				
461	11	19	19	52	84	97	83	97	91	461	90	94	85	97
462	6	14	14	38	101	113	102	112	112	462	108	108	100	101
463	5	10	10	26	90	87	85	97	89	463	97	86	85	84
464	4	11	11	27	90	96	89	99	89	464	95	98	91	97
465	5	13	13	31	103	97	98	98	98	465	109	94	106	95
466	4	12	12	28	93	85	99	96	89	466	88	91	85	83
467	8	7	7	34	91	95	104	105	93	467	90	109	86	92
468	5	12	12	28	95	84	95	93	94	468	88	88	94	93
469	4	3	3	26	103	98	95	100	102	469	99	94	103	109
470	4	11	11	31	110	105	109	107	102	470	109	106	105	102
471	7	19	19	53	104	115	103	111	102	471	109	115	114	119
472	5	15	15	42						472				
473	4	13	13	28	93	96	94	102	94	473	99	98	90	92
474	9	18	18	58						474				
475	2	11	11	35	96	85	103	96	99	475	89	94	96	95
476	3	9	9	34	103	86	102	92	101	476	96	91	106	102
477	6	11	11	30	91	85	102	93	83	477	90	99	91	89
478	5	15	15	40	131	123	130	120	124	478	126	123	122	118
479	8	19	19	47	107	119	105	122	121	479	110	115	116	128
480	11	30	30	86	102	119	113	119	119	480	100	122	119	129
481	6	14	14	42	110	109	111	114	102	481	108	113	102	105
482	7	17	17	52	110	124	105	119	112	482	113	117	116	123
483										483				
484	7	18	18	43	126	122	131	121	128	484	123	126	128	123
485	10	13	13	35	100	92	89	102	105	485	91	86	105	116
486	6	15	15	39	88	97	83	98	94	486	90	87	81	89
487	6	13	13	33	108	117	98	106	112	487	110	104	120	122
488	4	9	9	32	97	87	96	93	87	488	91	93	97	97
489	3	19	19	44	119	128	124	125	118	489	120	130	124	127
490	4	15	15	32	105	117	108	114	110	490	102	116	110	119
491	4	11	11	35	104	108	103	117	112	491	107	104	104	107
492	4	8	14	33						492				
493	10	12	12	39	96	98	101	105	94	493	94	104	93	99
494	6	6	6	27	97	101	105	101	94	494	94	109	93	97
495	4	10	10	35	103	103	107	109	105	495	104	108	98	99

CASE	SUBSCR3	SUBSCR4	SUBSCR5	PCTCORR	CL	SC	FA	OF	ST	CASE	GT	CO	EL	GM
496	3	8	8	27	117	119	115	121	118	496	116	114	113	111
497	7	15	15	42	107	110	110	109	121	497	100	108	110	117
498	11	11	11	39	111	124	116	127	117	498	117	125	114	116
499	6	13	13	30	96	102	93	106	99	499	95	103	103	115
500	4	2	2	22						500				
501	7	10	10	35	96	91	98	91	90	501	94	96	93	93
502	5	15	15	32	102	99	104	99	102	502	96	98	97	97
503	6	12	12	33	107	103	107	101	110	503	101	99	104	102
504	5	12	12	33	97	97	99	101	86	504	102	104	88	88
505	9	16	16	46	100	111	104	101	99	505	101	112	101	105
506	5	9	9	27	111	104	119	106	102	506	104	110	105	97
507	7	16	16	42	118	111	128	112	120	507	116	119	113	102
508	6	9	9	31	106	106	107	112	97	508	108	109	95	97
509	9	16	16	49	108	122	115	125	118	509	110	123	113	119
510	9	10	10	37	109	104	105	103	98	510	116	104	97	88
511										511				
512	8	15	15	44	94	108	102	115	106	512	96	111	106	116
513	10	9	6	39						513				
514	5	6	18	39						514				
515	6	14	14	35	104	91	99	100	102	515	102	91	96	92
516	6	8	8	38	92	95	99	99	100	516	93	99	90	92
517	7	13	13	41	91	94	95	93	89	517	90	96	83	85
518	6	20	20	50	127	125	124	123	128	518	124	122	129	129
519	4	12	12	35	91	93	105	104	91	519	93	104	80	78
520	2	8	8	23	90	92	101	99	81	520	91	99	87	83
521	6	12	12	38	110	96	122	99	97	521	98	108	96	88
522	3	14	14	34	124	117	122	114	128	522	122	114	122	115
523	5	8	8	36	110	111	108	112	106	523	113	109	103	101
524	6	14	14	46	88	106	90	104	94	524	95	105	97	107
525	7	17	17	52						525				
526	3	4	7	22						526				
527	8	23	23	69	127	132	131	127	132	527	122	132	135	138
528	6	15	15	40	118	121	121	120	117	528	115	124	123	125
529	8	15	15	42	92	98	105	104	95	529	88	109	93	98
530	8	10	10	40	108	115	122	118	109	530	104	121	108	107
531	6	13	13	42	115	105	115	107	112	531	111	106	110	104
532	9	17	17	59	96	107	104	116	99	532	94	113	105	115
533	4	9	9	29	98	99	101	107	93	533	95	103	93	98
534	7	12	12	41	104	105	118	109	101	534	101	118	108	107
535	7	13	13	33	94	88	98	93	93	535	89	90	93	90
536	6	8	8	32	83	82	95	91	85	536	78	89	77	76
537	6	1	10	24						537				
538	4	3	11	33						538				
539	7	10	10	28	94	88	95	88	85	539	93	91	91	86
540	6	9	9	25	120	108	116	106	106	540	117	109	109	102
541	4	18	18	42	88	81	98	91	83	541	83	93	87	86
542	8	17	17	48						542				
543	5	13	13	41	93	93	102	94	97	543	93	97	87	83
544	5	15	15	45	96	99	96	107	97	544	97	102	105	112
545	4	13	13	33	110	111	114	112	109	545	111	115	115	114
546	7	15	15	48	113	125	116	120	111	546	117	125	113	115
547	5	9	9	31						547				
548	6	23	23	52						548				
549	5	10	10	28	123	103	124	92	106	549	114	113	116	109
550	10	9	9	37	115	108	120	107	113	550	108	111	104	100

ASE	SUBSCR3	SUBSCR4	SUBSCR5	PCTCORR	CL	SC	FA	OF	ST	CASE	GT	CO	EL	GM
551	8	8	8	34	126	133	119	130	131	551	125	122	128	131
552	9	10	10	29	99	92	101	96	90	552	100	99	92	88
553	6	11	11	35	124	125	124	124	134	553	120	120	128	126
554	10	16	16	40	124	132	131	133	130	554	127	133	128	126
55	7	20	20	49	95	101	99	99	93	555	94	104	101	105
556	4	10	10	36	127	122	124	120	117	556	126	123	124	121
557	6	7	14	35						557				
558	10	15	15	42						558				
559	9	15	15	44	123	117	114	120	121	559	117	113	126	129
560	5	12	12	38	99	111	110	114	96	560	105	120	99	99
561	7	16	16	42	122	113	118	107	112	561	124	112	110	100
562	4	6	6	23	113	98	105	99	101	562	112	94	99	89
563	4	11	11	32	93	95	102	102	95	563	98	101	84	78
564	8	17	17	58	115	124	109	120	120	564	117	118	123	129
565	7	12	12	39	110	109	107	115	109	565	109	109	108	112
566	7	15	15	43	118	118	115	116	118	566	114	118	122	128
567	6	6	10	27						567				
568										568				
569	9	11	11	37	111	105	107	98	99	569	105	104	102	102
570	8	16	16	38	127	105	107	102	112	570	126	101	128	122
571	8	9	9	32	113	109	124	111	104	571	107	123	97	95
572	8	9	9	44	101	117	102	114	106	572	109	116	109	115
573	9	21	21	61						573				
574	5	21	21	45	91	109	100	117	96	574	88	110	101	108
575	5	9	9	32						575				
576	9	22	22	60	109	118	112	114	115	576	108	116	108	113
577	2	15	15	35	104	116	95	119	117	577	101	103	115	129
578	7	12	12	40	91	110	94	108	106	578	94	106	100	112
579	1	15	15	31	100	91	107	102	104	579	86	97	97	99
580	7	14	14	37	91	87	91	99	94	580	87	87	86	90
581	8	12	12	34	93	111	93	106	102	581	97	106	96	108
582	13	22	22	74	129	136	130	131	133	582	127	133	136	140
583	5	13	13	34	129	121	121	116	126	583	126	115	131	126
584	4	10	10	27	114	106	109	109	102	584	116	106	110	105
585	4	17	17	44	124	124	121	122	121	585	122	120	120	121
586	1	8	8	30	85	89	88	96	81	586	89	94	78	81
587	5	12	12	30	86	82	75	91	85	587	84	74	88	91
588										588				
589	11	17	17	57	100	117	114	125	108	589	100	124	103	113
590	4	17	17	51	129	131	133	129	132	590	126	132	135	135
591	6	10	10	35						591				
592	5	7	7	27	91	96	94	97	101	592	89	95	94	97
593	5	17	17	45	106	118	106	112	103	593	110	115	102	105
594	6	14	14	41	100	111	105	111	103	594	97	110	98	105
595	5	12	12	35	101	99	108	100	102	595	101	106	101	97
596	9	7	7	33	102	112	99	112	107	596	105	106	102	109
597	9	21	21	57	110	113	113	113	108	597	108	117	118	122
598	7	14	14	49	126	130	123	120	122	598	121	126	126	129
599	5	12	12	36	88	104	91	106	101	599	86	101	92	107
600	9	21	21	55	102	118	107	116	112	600	102	118	110	120
601	7	8	8	28	91	109	97	108	98	601	102	109	89	92
602	9	10	10	42	104	118	106	120	121	602	102	112	111	123
603	13	25	25	70	100	109	105	117	99	603	91	111	106	119
604	7	10	10	38	97	102	98	98	101	604	103	102	96	97
605	8	15	15	40	91	100	90	103	87	605	93	98	85	92

CASE	SUBSCR3	SUBSCR4	SUBSCR5	PCTCORR	CL	SC	FA	OF	ST	CASE	GT	CO	EL	GM
606	9	18	18	60	115	123	110	114	118	606	117	116	120	125
607	4	9	9	27	96	94	96	104	97	607	98	93	85	85
608	4	15	15	37	97	100	98	106	100	608	102	101	93	91
609	8	8	8	28	108	94	97	96	100	609	103	89	100	97
610	1	5	5	20	92	91	91	93	88	610	88	92	89	93
611	6	11	11	36	91	94	87	98	89	611	93	93	87	94
612	5	9	9	30	106	109	106	106	107	612	110	107	102	101
613	2	6	6	27	93	88	100	97	97	613	91	94	87	85
614	6	13	13	35	98	97	102	104	103	614	95	99	94	97
615	5	11	11	42	109	118	111	112	113	615	110	116	108	111
616	5	12	12	28	92	91	97	99	94	616	91	99	96	100
617	2	16	16	36	94	105	93	111	95	617	96	105	102	114
618										618				
619	5	8	8	30	121	119	117	117	120	619	121	115	118	116
620	9	7	7	35	92	87	96	91	86	620	88	93	89	88
621	7	13	13	34	97	112	96	106	108	621	109	108	105	110
622	7	23	23	51	96	111	99	116	104	622	99	110	100	109
623										623				
624	3	10	10	27	90	86	89	89	94	624	83	86	97	103
625	5	15	15	37	95	97	89	99	98	625	102	93	89	92
626	6	12	12	37	100	89	95	94	88	626	98	93	97	98
627	6	9	9	37	121	123	130	127	127	627	116	130	118	121
628	6	14	14	39	94	98	96	99	91	628	98	98	92	90
629	6	11	11	22	107	105	115	104	98	629	107	112	97	91
630	6	11	11	45	93	114	101	114	100	630	99	115	101	108
631	5	11	11	37	95	103	98	109	106	631	96	98	90	97
632	7	17	17	54	110	128	110	121	117	632	123	123	115	116
633	6	18	18	58	132	133	128	134	138	633	127	125	137	136
634	7	18	18	45	106	115	110	119	108	634	103	115	107	113
635		12	12	24	127	124	134	125	126	635	123	128	116	114
636	6	22	22	48	124	130	134	132	131	636	121	135	126	128
637	7	11	11	41						637				
638	11	16	16	59	108	114	112	115	105	638	108	120	112	116
639	6	19	19	44	127	136	136	135	129	639	126	140	129	131
640	6	17	17	46	129	128	139	127	122	640	123	139	133	134
641	4	10	13	33						641				
642	8	16	16	37	96	93	95	92	95	642	97	91	98	95
643										643				
644	5	9	9	25	99	96	104	104	98	644	101	103	99	94
645	11	24	24	65	110	126	113	119	119	645	118	122	116	119
646	5	17	17	41	107	110	105	111	107	646	108	106	97	97
647	4	15	15	35	107	104	107	106	100	647	108	104	106	102
648	7	12	12	40	97	100	105	102	90	648	91	108	96	100
649										649				
650										650				
651	5	4	4	23	100	109	99	106	107	651	98	104	106	114
652	1	7	7	19	95	105	109	116	106	652	89	109	89	94
653	7	15	15	42	119	112	119	108	116	653	112	113	125	122
654	5	17	17	42	113	109	125	113	116	654	100	118	120	119
655	7	9	9	19	95	94	99	100	89	655	94	102	95	98
656	6	8	8	26	91	89	87	97	91	656	90	89	98	102
657	7	8	12	36						657				
658	2	17	17	44	129	132	130	128	130	658	125	132	133	137
659	5	9	9	28	101	99	110	99	98	659	93	107	93	95
660	9	15	15	47	127	133	134	134	127	660	123	137	132	125

ASE	SUBSCR3	SUBSCR4	SUBSCR5	PCTCORR	CL	SC	FA	OF	ST	CASE	GT	CO	EL	GM
661	3	6	8	23						661				
662	5	10	13	35						662				
663	6	17	17	42						663				
664	3	9	13	36						664				
665	7	12	12	43	115	115	119	111	114	665	114	118	114	112
666	3	10	10	29	89	93	84	94	103	666	90	81	94	94
667	10	18	18	50	106	122	121	127	113	667	107	131	112	119
668	4	11	14	40						668				
669	4	9	9	22	89	99	89	104	99	669	97	91	90	85
670	1	7	7	26						670				
671	4	4	4	30	107	107	99	107	108	671	110	101	107	108
672	6	9	9	28	117	111	121	107	110	672	120	116	114	103
673	6	5	9	29						673				
674	9	8	11	39						674				
675	6	18	18	53	104	117	104	109	113	675	98	111	114	126
676	8	9	9	29	92	94	92	99	91	676	95	96	94	98
77	9	19	19	51	104	121	113	120	115	677	104	121	113	121
3	3	6	6	19						678				
79	7	14	14	36	126	121	131	120	118	679	122	128	122	120
80	10	16	16	45	109	117	107	124	113	680	111	115	114	122
81	10	17	17	49	104	120	105	114	111	681	113	120	113	119
2										682				
3	4	9	9	35	95	98	95	104	85	683	100	102	90	94
684	5	13	13	40	104	107	112	112	109	684	95	110	109	112
85	3	24	24	59	124	133	117	132	133	685	124	120	133	135
6	6	9	9	36	88	91	91	99	100	686	81	89	87	94
687	7	11	11	42	112	123	119	116	114	687	117	125	106	105
88	9	14	14	41	91	109	93	106	108	688	94	103	106	116
9	7	19	19	49	111	123	121	124	113	689	109	126	108	115
90	6	16	16	43	125	132	130	128	132	690	123	133	132	135
691	7	9	9	27	117	103	121	103	111	691	111	108	118	108
692	5	13	13	33	113	120	119	127	119	692	111	122	105	109
3	5	11	11	35	98	102	91	106	108	693	97	91	96	99
4	5	9	9	29	116	105	118	101	119	694	113	106	116	107
5	3	13	13	32	114	114	120	116	118	695	115	115	123	116
696	1	6	6	26	120	128	122	125	121	696	125	125	113	109
697	10	25	25	67						697				
698	6	12	12	34	113	110	113	112	107	698	113	112	107	105
699	11	22	22	74	107	122	109	116	112	699	111	120	112	118
700	7	13	13	39	108	98	113	103	106	700	109	103	93	85
1	5	6	6	31	99	97	101	93	102	701	96	96	100	97
702	4	11	11	37	93	94	93	97	94	702	96	94	88	88
3	10	13	13	42	91	92	92	94	87	703	88	93	88	93
4	3	7	10	28						704				
705	3	15	15	36	93	82	98	89	85	705	84	91	89	91
706	6	9	10	33						706				
7	7	17	17	48	103	118	104	122	105	707	110	117	102	110
8	9	4	10	27						708				
709	6	15	15	40						709				
10	3	11	11	29	102	101	106	104	97	710	104	104	90	87
1	3	10	10	33	93	87	94	85	87	711	97	89	98	90
712	5	8	3	24						712				
713	6	7	7	29	104	107	111	104	98	713	103	112	100	97
4	7	10	10	27	110	98	106	108	111	714	102	100	111	115
5	6	14	14	35	97	108	112	109	95	715	99	121	98	102

CASE	SUBSCR3	SUBSCR4	SUBSCR5	PCTCORR	CL	SC	FA	OF	ST	CASE	GT	CO	EL	GM
716	6	7	7	28	104	93	102	93	97	716	104	93	98	91
717	7	11	11	36	94	87	103	94	91	717	95	99	91	87
718	6	6	10	28						718				
719	7	14	14	44	101	107	100	101	98	719	99	106	102	107
720	9	22	22	56	89	103	100	110	99	720	88	110	101	112
721	8	9	9	27	107	112	108	107	114	721	111	108	109	107
722	7	12	12	40	115	110	113	112	111	722	113	106	105	98
723										723				
724	9	15	15	40	115	118	111	122	113	724	113	116	110	116
725	6	15	15	35	87	99	85	102	99	725	90	97	89	103
726	2	10	10	23	107	105	118	109	105	726	102	117	111	112
727	3	4	4	24						727				
728	4	9	10	29						728				
729	11	12	12	38	113	107	118	112	113	729	114	114	111	108
730	8	11	11	34	98	93	91	96	92	730	100	90	91	90
731										731				
732	6	10	13	37						732				
733	6	11	11	33	98	97	101	101	97	733	97	99	89	88
734	9	14	14	49	101	100	95	97	99	734	104	99	97	100
735	7	13	13	43	92	93	98	94	93	735	86	98	107	109
736	13	22	22	70	123	123	118	121	125	736	116	118	124	129
737	7	14	14	40	95	109	99	107	98	737	98	110	97	104
738	6	7	7	27	104	102	98	101	99	738	110	99	94	91
739	6	13	13	37	100	111	105	115	105	739	102	112	97	101
740	13	25	25	73						740				
741	7	12	12	36	114	108	111	113	117	741	108	105	114	113
742	8	16	16	44	113	106	105	104	109	742	110	104	118	119
743	9	15	15	55	119	126	124	124	119	743	117	129	124	128
744	6	6	11	31						744				
745	7	12	12	35	96	105	95	106	99	745	101	101	91	97
746	5	7	7	25	88	94	83	106	90	746	89	91	87	98
747	3	7	7	24	94	89	102	98	90	747	91	100	88	88
748	6	22	22	46	96	104	100	109	93	748	95	108	99	107
749	5	8	8	26	103	108	89	101	104	749	107	94	101	106
750	6	10	10	31	124	107	125	106	113	750	124	111	112	98
751										751				
752	9	9	9	32	104	111	104	107	113	752	108	106	107	108
753	1	12	12	28	120	125	119	123	126	753	118	120	118	121
754	5	13	13	38	128	132	128	129	126	754	127	132	129	132
755	1	9	9	19	113	91	110	94	102	755	104	94	106	96
756	6	13	13	41	106	114	105	120	114	756	104	111	107	115
757	4	12	12	27	102	86	108	86	90	757	95	95	101	89
758	4	11	11	31	107	102	105	106	111	758	104	101	104	104
759	8	14	14	33	129	125	128	123	127	759	128	125	126	121