
SAMPLE ASSESSMENT RESULTS

[PROJECT TITLE]
[DATE OF REPORT]

This report is for the EVI-2 administration in the spring of 2003. There were 37 pre-tests and 42 post-tests administered and completed. A total of 34 students completed both the pre- and post-test. Repeated measures *t*-tests were conducted on the item and total scores in order to assess if there was a significant increase in the scores after participation in the program. Table 1 provides descriptive statistics for each item and the total score at both pre- and post-test for the 34 students who completed both tests. The difference between these means (calculated as post-test mean minus pre-test mean) is also presented, along with the results of the *t*-tests. There was a significant increase in the total score from the pre-test to post-test.

Table 1 reveals that, for some items, student performance at pre-test is actually better than the performance at post-test. Although not determined to be statistically significant, more than 5% of the students who answered the following items correctly at pretest subsequently answered them incorrectly at post-test: 3, 7, 19, 38, and 44. However, several items show the opposite and desired effect; i.e., more students answer correctly at post-test than at pre-test. Significant differences were found for the following 15 items for which more than 15% of students who answered incorrectly at pre-test subsequently answered correctly at post-test: 6, 13, 18, 20-23, 25, 26, 29-31, 33, 35, and 36.

NOTE THAT THE PERCENTAGE OF STUDENTS ANSWERING EACH ITEM
CORRECTLY IS THE SAME AS THE MEAN FOR EACH ITEM.

An examination of Table 1 reveals that there are several items that a majority of students answer correctly at the pre-test, indicating that they enter the program with this knowledge. If 70% or more of the students answered an item correctly, it was considered that they had prior knowledge of this item. The following 32 items (68% of the items on the test) show this effect: 1-5, 7-12, 14, 15, 17, 24, 26-28, 31, 32, 34-37, 39-44, 46, and 47. This indicates that students already know the majority of the concepts assessed by the test before completing the program.

A reliability estimate (Cronbach's coefficient alpha) was computed for the total scores from both pre- and post-testing occasions. The result of this analysis is presented in Table 3. Reliability is the degree to which the items representing a construct are answered consistently. The more reliable a test, the more confidence we can have that the scores obtained from the administration of the test are essentially the same scores that would be obtained if the test were readministered. Reliability is expressed numerically, usually as a coefficient that ranges from 0 to 1.00. A high coefficient indicates high reliability or consistency. If the test scores were perfectly reliable, the coefficient would be 1.00. However, test scores are seldom perfectly reliable. Scores can be affected by errors in measurement or characteristics of the test itself (e. g., ambiguous items, items with no variance). In general, reliabilities above .70 are considered adequate for program evaluation or research. For evaluation of individual students, reliabilities closer to .80 are desirable. Examining the results in Table 3, we can see that scores from the total test can be considered reliable.

Appendix A contains the frequency distributions of the raw data (i.e., prior to scoring) both before and after the program. Examining these tables will reveal which distracter options were chosen most often at each time period (the option with the * next to it was the correct answer). This can help identify misconceptions students bring to the program and those with which they leave. Specifically, these results indicate that students may be unclear about the

definition of *ethics* (items 13, 19, and 38) and may not understand the concept of *fidelity* (item 18) even after completion of the program.

Finally, Table 4 displays the results for the demographic items (48-51). For this administration of the EVI-2, more males than females participated, over 50% of the participants were freshmen, and most students had not completed the By the Numbers or the Calling the Shots programs.

TABLE 1

EVI-2 Item and Total Descriptive Statistics, Mean Differences, and t-test Results

Item Number	Pre-Test Mean (SD)		Post-Test Mean (SD)		Mean Difference (Post-Test-Pre-Test)	<i>t</i>	<i>p</i>
	Mean	SD	Mean	SD			
1	0.97	(0.171)	0.94	(0.239)	-0.03	-0.57	0.571
2	0.88	(0.327)	0.88	(0.327)	0.00	0.00	1.000
3	0.97	(0.171)	0.88	(0.327)	-0.09	-1.36	0.184
4	0.88	(0.327)	0.91	(0.288)	0.03	0.44	0.661
5	0.82	(0.387)	0.91	(0.288)	0.09	1.14	0.263
6	0.68	(0.475)	0.94	(0.239)	0.26	2.72	0.010
7	0.91	(0.288)	0.85	(0.359)	-0.06	-1.00	0.325
8	0.91	(0.288)	0.94	(0.239)	0.03	0.44	0.661
9	0.82	(0.387)	0.88	(0.327)	0.06	0.70	0.488
10	0.94	(0.239)	0.94	(0.239)	0.00	0.00	1.000
11	0.85	(0.359)	0.88	(0.327)	0.03	0.33	0.744
12	0.91	(0.288)	0.97	(0.171)	0.06	1.44	0.160
13	0.26	(0.448)	0.65	(0.485)	0.38	4.04	0.000
14	0.97	(0.171)	0.94	(0.239)	-0.03	-1.00	0.325
15	0.71	(0.462)	0.74	(0.448)	0.03	0.30	0.768
16	0.41	(0.500)	0.62	(0.493)	0.21	1.56	0.128
17	0.88	(0.327)	0.88	(0.327)	0.00	0.00	1.000
18	0.29	(0.462)	0.68	(0.475)	0.38	3.42	0.002
19	0.59	(0.500)	0.53	(0.507)	-0.06	-0.63	0.535
20	0.35	(0.485)	0.76	(0.431)	0.41	3.42	0.002
21	0.50	(0.508)	0.74	(0.448)	0.24	2.77	0.009
22	0.29	(0.462)	0.82	(0.387)	0.53	5.02	0.000
23	0.65	(0.485)	0.85	(0.359)	0.21	2.93	0.006
24	0.91	(0.288)	0.88	(0.327)	-0.03	-0.37	0.711
25	0.50	(0.508)	0.74	(0.448)	0.24	2.48	0.019
26	0.79	(0.410)	0.97	(0.171)	0.18	2.66	0.012
27	0.88	(0.327)	1.00	(0.000)	0.12	2.10	0.044
28	0.76	(0.431)	0.74	(0.448)	-0.03	-0.33	0.744
29	0.15	(0.359)	0.88	(0.327)	0.74	9.57	0.000
30	0.47	(0.507)	0.88	(0.327)	0.41	4.31	0.000
31	0.85	(0.359)	1.00	(0.000)	0.15	2.39	0.023
32	0.79	(0.410)	0.82	(0.387)	0.03	0.33	0.744
33	0.38	(0.493)	0.79	(0.410)	0.41	3.66	0.001
34	0.91	(0.288)	0.88	(0.327)	-0.03	-0.37	0.711
35	0.82	(0.387)	0.97	(0.171)	0.15	2.39	0.023
36	0.74	(0.448)	0.97	(0.171)	0.24	2.77	0.009
37	0.88	(0.327)	0.94	(0.239)	0.06	0.81	0.422
38	0.47	(0.507)	0.38	(0.493)	-0.09	-0.77	0.447
39	0.85	(0.359)	0.94	(0.239)	0.09	1.14	0.263

Item Number	Pre-Test Mean (SD)		Post-Test Mean (SD)		Mean Difference (Post-Test-Pre-Test)	<i>t</i>	<i>p</i>
40	0.82	(0.387)	0.88	(0.327)	0.06	0.81	0.422
41	0.94	(0.239)	0.94	(0.239)	0.00	0.00	1.000
42	0.94	(0.239)	0.97	(0.171)	0.03	0.57	0.571
43	0.79	(0.410)	0.85	(0.359)	0.06	0.81	0.422
44	0.88	(0.327)	0.82	(0.387)	-0.06	-0.70	0.488
45	0.65	(0.485)	0.71	(0.462)	0.06	0.53	0.600
46	0.79	(0.410)	0.91	(0.288)	0.12	1.68	0.103
47	0.74	(0.448)	0.76	(0.431)	0.03	0.37	0.711
Total	34.21	(5.221)	39.79	(6.004)	5.59	5.35	0.000

TABLE 3

Reliability of EVI-2

Pre-Test	Post Test
a=.7403	a=.8874

TABLE 4

Results of Demographics Items 48-51

The breakdown of the total number of students who responded to these demographic items at pre-test and post-test is reported. The **Combined** columns are the results for those who responded at *both* pre- test and post-test. Some students did not answer these or used a response that is not included in the choice of responses.

	PRE-TEST		POST-TEST		COMBINED	
	N	%	N	%	N	%
<i>Gender:</i>						
Male	25	67.6	29	69.0	23	67.6
Female	12	32.4	13	31.0	11	32.4
Total	37	100.0	42	100.0	34	100.0
<i>Class Level:</i>						
Freshman	19	51.4	22	52.4	18	52.9
Sophomore	6	16.2	10	23.8	6	17.6
Junior	7	18.9	4	9.5	5	14.7
Senior	5	13.5	6	14.3	5	14.7
Total	37	100.0	42	100.0	34	100.0
<i>By the Numbers workshop:</i>						
Yes	10	27.8	11	26.8	9	27.3
No	26	72.2	30	73.2	24	72.7
Total	36	100.0	41	100.0	33	100.0
<i>Calling the Shots program:</i>						
Yes	0	0.0	4	10.0	0	0.0
No	35	100.0	36	90.0	32	100.0
Total	35	100.0	40	100.0	32	100.0

APPENDIX A

Frequency Tables for Items 1-47

The letter (P) in the item number indicates that this is a post-test item. The asterisk (*) indicates the correct response. Examine the valid percent column as it does not include missing data.

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	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 A*	36	97.3	97.3	97.3
3 C	1	2.7	2.7	100.0
Total	37	100.0	100.0	

IP1

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 A*	40	95.2	95.2	95.2
3 C	2	4.8	4.8	100.0
Total	42	100.0	100.0	

I2

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 A	3	8.1	8.1	8.1
2 B	1	2.7	2.7	10.8
3 C*	33	89.2	89.2	100.0
Total	37	100.0	100.0	

IP2

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 A	4	9.5	9.5	9.5
2 B	2	4.8	4.8	14.3
3 C*	36	85.7	85.7	100.0
Total	42	100.0	100.0	

I3

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 True	1	2.7	2.7	2.7
2 False*	36	97.3	97.3	100.0
Total	37	100.0	100.0	

IP3

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 True	4	9.5	9.5	9.5
2 False*	37	88.1	88.1	97.6
3	1	2.4	2.4	100.0
Total	42	100.0	100.0	

I4

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 A	3	8.1	8.1	8.1
2 B	2	5.4	5.4	13.5
3 C*	31	83.8	83.8	97.3
4	1	2.7	2.7	100.0
Total	37	100.0	100.0	

IP4

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 A	3	7.1	7.1	7.1
2 B	1	2.4	2.4	9.5
3 C*	38	90.5	90.5	100.0
Total	42	100.0	100.0	

I5

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 True*	30	81.1	81.1	81.1
2 False	7	18.9	18.9	100.0
Total	37	100.0	100.0	

IP5

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 True*	39	92.9	92.9	92.9
2 False	3	7.1	7.1	100.0
Total	42	100.0	100.0	

I6

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 True*	26	70.3	70.3	70.3
2 False	11	29.7	29.7	100.0
Total	37	100.0	100.0	

IP6

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 True*	40	95.2	95.2	95.2
2 False	2	4.8	4.8	100.0
Total	42	100.0	100.0	

I7

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 True*	34	91.9	91.9	91.9
	2 False	3	8.1	8.1	100.0
	Total	37	100.0	100.0	

IP7

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 True*	37	88.1	88.1	88.1
	2 False	5	11.9	11.9	100.0
	Total	42	100.0	100.0	

I8

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 A*	33	89.2	89.2	89.2
	2 B	2	5.4	5.4	94.6
	3 C	2	5.4	5.4	100.0
	Total	37	100.0	100.0	

IP8

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 A*	39	92.9	92.9	92.9
	2 B	2	4.8	4.8	97.6
	3 C	1	2.4	2.4	100.0
	Total	42	100.0	100.0	

I9

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 A	6	16.2	16.2	16.2
	2 B	1	2.7	2.7	18.9
	3 C*	30	81.1	81.1	100.0
	Total	37	100.0	100.0	

IP9

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 A	2	4.8	4.8	4.8
2 B	3	7.1	7.1	11.9
3 C*	37	88.1	88.1	100.0
Total	42	100.0	100.0	

I10

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 2 B	1	2.7	2.7	2.7
3 C	1	2.7	2.7	5.4
4 D*	35	94.6	94.6	100.0
Total	37	100.0	100.0	

IP10

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 A	2	4.8	4.8	4.8
3 C	1	2.4	2.4	7.1
4 D*	39	92.9	92.9	100.0
Total	42	100.0	100.0	

I11

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 True*	31	83.8	83.8	83.8
2 False	6	16.2	16.2	100.0
Total	37	100.0	100.0	

IP11

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 True*	37	88.1	88.1	88.1
2 False	5	11.9	11.9	100.0
Total	42	100.0	100.0	

I12

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 True	4	10.8	10.8	10.8
2 False*	33	89.2	89.2	100.0
Total	37	100.0	100.0	

IP12

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 True	2	4.8	4.8	4.8
	2 False*	40	95.2	95.2	100.0
	Total	42	100.0	100.0	

I13

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 A	2	5.4	5.4	5.4
	2 B	1	2.7	2.7	8.1
	3 C*	11	29.7	29.7	37.8
	4 D	23	62.2	62.2	100.0
	Total	37	100.0	100.0	

IP13

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 A	1	2.4	2.4	2.4
	2 B	2	4.8	4.8	7.1
	3 C*	29	69.0	69.0	76.2
	4 D	10	23.8	23.8	100.0
	Total	42	100.0	100.0	

I14

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2 B	1	2.7	2.7	2.7
	4 D*	36	97.3	97.3	100.0
	Total	37	100.0	100.0	

IP14

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2 B	2	4.8	4.8	4.8
	3 C	1	2.4	2.4	7.1
	4 D*	39	92.9	92.9	100.0
	Total	42	100.0	100.0	

I15

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 A*	24	64.9	64.9	64.9
	2 B	7	18.9	18.9	83.8
	3 C	6	16.2	16.2	100.0
	Total	37	100.0	100.0	

IP15

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 A*	29	69.0	69.0	69.0
	2 B	8	19.0	19.0	88.1
	3 C	5	11.9	11.9	100.0
	Total	42	100.0	100.0	

I16

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 A*	15	40.5	40.5	40.5
	2 B	13	35.1	35.1	75.7
	3 C	9	24.3	24.3	100.0
	Total	37	100.0	100.0	

IP16

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 A*	27	64.3	64.3	64.3
	2 B	7	16.7	16.7	81.0
	3 C	8	19.0	19.0	100.0
	Total	42	100.0	100.0	

I17

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 A	5	13.5	13.5	13.5
	2 B*	32	86.5	86.5	100.0
	Total	37	100.0	100.0	

IP17

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 A	2	4.8	4.8	4.8
2 B*	34	81.0	81.0	85.7
3 C	6	14.3	14.3	100.0
Total	42	100.0	100.0	

I18

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 A	4	10.8	10.8	10.8
2 B	1	2.7	2.7	13.5
3 C*	13	35.1	35.1	48.6
4 D	19	51.4	51.4	100.0
Total	37	100.0	100.0	

IP18

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 A	1	2.4	2.4	2.4
2 B	1	2.4	2.4	4.8
3 C*	27	64.3	64.3	69.0
4 D	13	31.0	31.0	100.0
Total	42	100.0	100.0	

I19

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 A*	20	54.1	54.1	54.1
2 B	2	5.4	5.4	59.5
3 C	15	40.5	40.5	100.0
Total	37	100.0	100.0	

IP19

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 A*	23	54.8	54.8	54.8
2 B	6	14.3	14.3	69.0
3 C	13	31.0	31.0	100.0
Total	42	100.0	100.0	

I20

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 A	14	37.8	37.8	37.8
	2 B	10	27.0	27.0	64.9
	3 C*	13	35.1	35.1	100.0
	Total	37	100.0	100.0	

IP20

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 A	7	16.7	16.7	16.7
	2 B	4	9.5	9.5	26.2
	3 C*	30	71.4	71.4	97.6
	4	1	2.4	2.4	100.0
	Total	42	100.0	100.0	

I21

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 A	3	8.1	8.1	8.1
	2 B	15	40.5	40.5	48.6
	3 C*	19	51.4	51.4	100.0
	Total	37	100.0	100.0	

IP21

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 A	4	9.5	9.5	9.5
	2 B	8	19.0	19.0	28.6
	3 C*	30	71.4	71.4	100.0
	Total	42	100.0	100.0	

I22

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 A	21	56.8	56.8	56.8
	2 B	5	13.5	13.5	70.3
	3 C*	11	29.7	29.7	100.0
	Total	37	100.0	100.0	

IP22

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 A	5	11.9	11.9	11.9
2 B	3	7.1	7.1	19.0
3 C*	33	78.6	78.6	97.6
4	1	2.4	2.4	100.0
Total	42	100.0	100.0	

I23

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 A*	25	67.6	67.6	67.6
2 B	5	13.5	13.5	81.1
3 C	7	18.9	18.9	100.0
Total	37	100.0	100.0	

IP23

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 A*	34	81.0	81.0	81.0
2 B	4	9.5	9.5	90.5
3 C	4	9.5	9.5	100.0
Total	42	100.0	100.0	

I24

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 A	1	2.7	2.7	2.7
2 B*	33	89.2	89.2	91.9
3 C	3	8.1	8.1	100.0
Total	37	100.0	100.0	

IP24

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 A	1	2.4	2.4	2.4
2 B*	36	85.7	85.7	88.1
3 C	4	9.5	9.5	97.6
4	1	2.4	2.4	100.0
Total	42	100.0	100.0	

I25

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 True*	19	51.4	51.4	51.4
	2 False	18	48.6	48.6	100.0
	Total	37	100.0	100.0	

IP25

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 True*	30	71.4	71.4	71.4
	2 False	11	26.2	26.2	97.6
	3	1	2.4	2.4	100.0
	Total	42	100.0	100.0	

I26

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 A*	29	78.4	78.4	78.4
	2 B	4	10.8	10.8	89.2
	3 C	4	10.8	10.8	100.0
	Total	37	100.0	100.0	

IP26

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 A*	37	88.1	88.1	88.1
	2 B	3	7.1	7.1	95.2
	3 C	2	4.8	4.8	100.0
	Total	42	100.0	100.0	

I27

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2 B*	33	89.2	89.2	89.2
	3 C	4	10.8	10.8	100.0
	Total	37	100.0	100.0	

IP27

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2 B*	42	100.0	100.0	100.0

I28

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 A	8	21.6	21.6	21.6
2 B*	27	73.0	73.0	94.6
3 C	2	5.4	5.4	100.0
Total	37	100.0	100.0	

IP28

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 A	8	19.0	19.0	19.0
2 B*	30	71.4	71.4	90.5
3 C	4	9.5	9.5	100.0
Total	42	100.0	100.0	

I29

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 A	10	27.0	27.0	27.0
2 B	21	56.8	56.8	83.8
3 C*	6	16.2	16.2	100.0
Total	37	100.0	100.0	

IP29

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 A	1	2.4	2.4	2.4
2 B	6	14.3	14.3	16.7
3 C*	35	83.3	83.3	100.0
Total	42	100.0	100.0	

I30

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 A	15	40.5	40.5	40.5
2 B*	17	45.9	45.9	86.5
3 C	5	13.5	13.5	100.0
Total	37	100.0	100.0	

IP30

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 A	6	14.3	14.3	14.3
2 B*	36	85.7	85.7	100.0
Total	42	100.0	100.0	

I31

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 A*	31	83.8	83.8	83.8
2 B	4	10.8	10.8	94.6
3 C	2	5.4	5.4	100.0
Total	37	100.0	100.0	

IP31

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 A*	39	92.9	92.9	92.9
2 B	3	7.1	7.1	100.0
Total	42	100.0	100.0	

I32

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 A	7	18.9	18.9	18.9
2 B*	28	75.7	75.7	94.6
3 C	2	5.4	5.4	100.0
Total	37	100.0	100.0	

IP32

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 A	8	19.0	19.0	19.0
2 B*	31	73.8	73.8	92.9
3 C	3	7.1	7.1	100.0
Total	42	100.0	100.0	

I33

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 A	9	24.3	24.3	24.3
2 B*	16	43.2	43.2	67.6
3 C	12	32.4	32.4	100.0
Total	37	100.0	100.0	

IP33

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 A	6	14.3	14.3	14.3
2 B*	31	73.8	73.8	88.1
3 C	5	11.9	11.9	100.0
Total	42	100.0	100.0	

I34

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 True*	33	89.2	89.2	89.2
2 False	3	8.1	8.1	97.3
3	1	2.7	2.7	100.0
Total	37	100.0	100.0	

IP34

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 True*	35	83.3	83.3	83.3
2 False	6	14.3	14.3	97.6
4	1	2.4	2.4	100.0
Total	42	100.0	100.0	

I35

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 A*	30	81.1	81.1	81.1
2 B	6	16.2	16.2	97.3
3 C	1	2.7	2.7	100.0
Total	37	100.0	100.0	

IP35

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 A*	38	90.5	90.5	90.5
2 B	3	7.1	7.1	97.6
3 C	1	2.4	2.4	100.0
Total	42	100.0	100.0	

I36

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 A	6	16.2	16.2	16.2
2 B*	27	73.0	73.0	89.2
3 C	4	10.8	10.8	100.0
Total	37	100.0	100.0	

IP36

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 2 B*	39	92.9	92.9	92.9
3 C	3	7.1	7.1	100.0
Total	42	100.0	100.0	

I37

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 True	5	13.5	13.5	13.5
2 False*	32	86.5	86.5	100.0
Total	37	100.0	100.0	

IP37

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 True	1	2.4	2.4	2.4
2 False*	39	92.9	92.9	95.2
3	1	2.4	2.4	97.6
4	1	2.4	2.4	100.0
Total	42	100.0	100.0	

I38

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 A	4	10.8	10.8	10.8
2 B*	19	51.4	51.4	62.2
3 C	14	37.8	37.8	100.0
Total	37	100.0	100.0	

IP38

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 A	2	4.8	4.8	4.8
2 B*	16	38.1	38.1	42.9
3 C	24	57.1	57.1	100.0
Total	42	100.0	100.0	

I39

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 True*	32	86.5	86.5	86.5
2 False	5	13.5	13.5	100.0
Total	37	100.0	100.0	

IP39

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 True*	38	90.5	90.5	90.5
2 False	2	4.8	4.8	95.2
3	2	4.8	4.8	100.0
Total	42	100.0	100.0	

I40

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 A	2	5.4	5.4	5.4
2 B	6	16.2	16.2	21.6
3 C*	29	78.4	78.4	100.0
Total	37	100.0	100.0	

IP40

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 A	1	2.4	2.4	2.4
	2 B	6	14.3	14.3	16.7
	3 C*	35	83.3	83.3	100.0
	Total	42	100.0	100.0	

I41

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 True*	35	94.6	94.6	94.6
	2 False	2	5.4	5.4	100.0
	Total	37	100.0	100.0	

IP41

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 True*	39	92.9	92.9	92.9
	2 False	2	4.8	4.8	97.6
	3	1	2.4	2.4	100.0
	Total	42	100.0	100.0	

I42

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2 B	2	5.4	5.4	5.4
	4 D*	35	94.6	94.6	100.0
	Total	37	100.0	100.0	

IP42

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 A	1	2.4	2.4	2.4
	2 B	1	2.4	2.4	4.8
	3 C	3	7.1	7.1	11.9
	4 D*	37	88.1	88.1	100.0
	Total	42	100.0	100.0	

I43

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 True*	29	78.4	78.4	78.4
	2 False	8	21.6	21.6	100.0
	Total	37	100.0	100.0	

IP43

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 True*	33	78.6	78.6	78.6
	2 False	8	19.0	19.0	97.6
	3	1	2.4	2.4	100.0
	Total	42	100.0	100.0	

I44

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 A	3	8.1	8.1	8.1
	2 B	1	2.7	2.7	10.8
	3 C*	33	89.2	89.2	100.0
	Total	37	100.0	100.0	

IP44

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 A	4	9.5	9.5	9.5
	2 B	6	14.3	14.3	23.8
	3 C*	32	76.2	76.2	100.0
	Total	42	100.0	100.0	

I45

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 A	5	13.5	13.5	13.5
	2 B*	24	64.9	64.9	78.4
	3 C	8	21.6	21.6	100.0
	Total	37	100.0	100.0	

IP45

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 A	4	9.5	9.5	9.5
	2 B*	29	69.0	69.0	78.6
	3 C	9	21.4	21.4	100.0
	Total	42	100.0	100.0	

I46

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 True	7	18.9	18.9	18.9
	2 False*	29	78.4	78.4	97.3
	3	1	2.7	2.7	100.0
	Total	37	100.0	100.0	

IP46

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 True	5	11.9	11.9	11.9
	2 False*	37	88.1	88.1	100.0
	Total	42	100.0	100.0	

I47

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 A	1	2.7	2.7	2.7
	2 B	9	24.3	24.3	27.0
	3 C*	27	73.0	73.0	100.0
	Total	37	100.0	100.0	

IP47

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 A	4	9.5	9.8	9.8
	2 B	6	14.3	14.6	24.4
	3 C*	31	73.8	75.6	100.0
	Total	41	97.6	100.0	
Missing	System	1	2.4		
Total		42	100.0		