

## Introduction to SPSS

### Appendix A Survey Outline from StudentVoice

Please provide the following information by clicking on the appropriate button or typing in the information as indicated.

Q1 Please indicate your gender:

Female [Code = 1]

Male [Code = 2]

Q2 Please provide your age (in years): \_\_\_\_\_

Q3 About how many graduate credits have you taken to date at IUP? \_\_\_\_\_

Q4 What is your race/ethnicity?

African American/Black [Code = 1]

Asian American/Asian [Code = 2]

Caucasian/White [Code = 3]

Hispanic/Latino [Code = 4]

Native American/Pacific Islander [Code = 5]

Other (please specify) [Code = 6] [TextBox]

I prefer not to indicate [Code = 7]

Q5 In which graduate program are you enrolled? \_\_\_\_\_

Q6 What degree are you pursuing?

Certificate Program [Code = 1]

Master's Degree With Thesis [Code = 2]

Master's Degree Without Thesis [Code = 3]

PhD [Code = 4]

Other (please specify) [Code = 5] [TextBox]

Q7 On which campus do/have you take(n) the majority of your classes?

Dixon Center [Code = 1]

Indiana [Code = 2]

Monroeville [Code = 3]

Northpointe [Code = 4]

Other (please specify) [Code = 5] [TextBox]

The following statements refer to some aspects of educational research. Please respond to each item by selecting the number that best describes how strongly you agree or disagree with the statement. Selecting 1 indicates that you strongly disagree with the statement. Selecting 7 indicates that you strongly agree with the statement.

Q16 Research makes me anxious.

Strongly agree [Code = 5]

Moderately agree [Code = 4]

Neither agree nor disagree [Code = 3]

Moderately disagree [Code = 2]

Strongly disagree [Code = 1]

Unable to judge [Code = 0]

**To save space, we have removed the responses for questions Q17-Q46. Their responses are the same as for Q16.**

Q17 Research should be taught to all students.

Q18 I enjoy research.

Q19 Research is interesting.

- Q20 I like research.
- Q21 I feel insecure concerning the analysis of research data.
- Q22 Research scares me.
- Q23 Research is useful for my career.
- Q24 I find it difficult to understand the concepts of research.
- Q25 I make many mistakes in research.
- Q26 I have trouble with arithmetic.
- Q27 I love research.
- Q28 I am interested in research.
- Q29 Research is connected to my field of study.
- Q30 Most students benefit from research.
- Q31 Research is stressful.
- Q32 Research is very valuable.
- Q33 Research makes me nervous.
- Q34 I use my research in my daily life.
- Q35 The skills that I have acquired will be helpful to me in the future.
- Q36 Research is useful to every profession.
- Q37 Knowledge from research is as useful as writing.
- Q38 Research is irrelevant to my life.
- Q39 Research should be indispensable in my professional training.
- Q40 Research is complicated.
- Q41 Research thinking does not apply to my professional life.
- Q42 I will employ research approaches in my profession.
- Q43 Research is difficult.
- Q44 I am inclined to study the details of research procedures carefully.
- Q45 Research-oriented thinking plays an important role in my daily life.
- Q46 Research is a complex subject.

### User-Created Variables

Variable	Label	Formula
F1	F1 Research usefulness for profession:	$Q23+Q29+Q39+Q17+Q36+Q32+Q42+Q35+Q37$
F2	F2 Research Anxiety	$48-(Q33+Q31+Q16+Q22+Q46+Q40+Q43+Q21)$
F3	F3 Positive attitudes toward research	$Q27+Q18+Q20+Q28+Q19+Q30+Q44$
F4	F4 Relevance to life	$Q34+Q45+6-Q41+6-Q38$
F5	F5 Research Difficulty	$18-(Q26+Q24+Q25)$