GPA versus Computer Usage: Are Students That Use Computers Longer Smarter?

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Study Idea

- Formulate questions regarding GPA and weekly computer usage
- Distribute a questionnaire to students in CCIS labs, after obtaining consent
- Run statistics against results

Motivation for Study

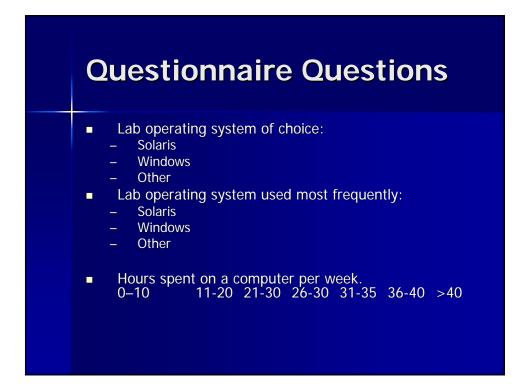
- Attempt to confirm hypothesis; more time spent on the computer the higher the GPA
- Since CCIS depends on computers for homework we focused specifically on CCIS students

Study Design

- Two measures: Hours Per Week (HPW) spend on a computer and GPA
- Two sessions of distributing questionnaire
- 15 total participants, the lab was desolate

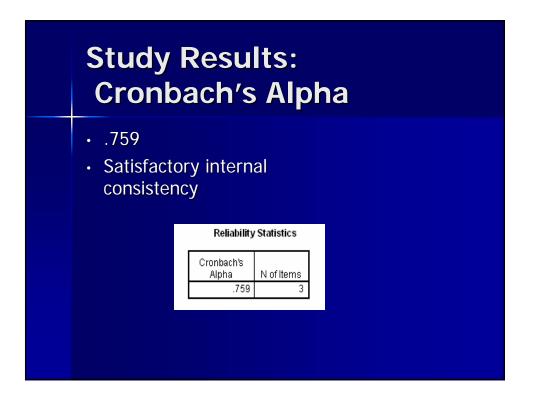
Questionnaire Design

- Not to specifically convey what we were focused on
- Blend GPA into the questions in case the participant was uneasy
- Did not want participant to hang on any one question





- Hours spent on a computer per week doing work. 0-10 11-20 21-30 26-30 31-35 36-40 >40
- Hours spent on a computer per week doing something other than work. 0-10 11-20 21-30 26-30 31-35 36-40 >40
- How often do you use the lab to do your work on computers as opposed to home?
 Never Rarely Sometimes Often Always
- GPA: <2.0 2.0 - 2.3 2.4 - 2.7 2.8 - 3.0 3.1 - 3.5 3.6 - 4.0
- Demographic included: Gender, Year, and Major



Study Results: Descriptive

- Mean HPW: 30 hours
- Mean GPA : 2.8-3.0
- 12 Male, 3 Female
- Year was well distributed

Descript	scriptive Statistics			
	Mean	Std. Deviation	Ν	
HPW	3.6667	1.29099	15	
GPA	4.6667	1.17514	15	



- p(14)= .063, n.s.
- Almost no correlation...
- …and would not be significant either way

		HPW	GPA
HPW	 Pearson Correlation 	1	.063
	Sig. (2-tailed)		.824
	Ν	15	15
GPA	Pearson Correlation	.063	1
	· Sig. (2-tailed)	.824	
	Ν	15	15

