Study Strategies

**What study techniques are the most effective**? Researchers have studied how 10 major study techniques are associated with exam scores.

In this activity, you will use data simulated to match the results of the following research study:

Bartoszewski, B. L., & Gurung, R. A. (2015). Comparing the relationship of learning techniques and exam score. *Scholarship of Teaching and Learning in Psychology*, *1*(3), 219.

In this study, the researchers evaluated the use of 10 study strategies (below) and instructor-reported exam scores (0-45) in a sample of 312 college students. Items asking about the use of each strategy were answered on a 6-point scale (1 = strongly disagree to 6 = strongly agree) (for example: “I frequently highlight or underline the information within one page”). Mean scores were calculated for each technique.

* **Highlighting/underlining** (5 items)
* **Elaborative interrogation** (3 items)
* **Self-explanation** (8 items)
* **Summarization** (4 items)
* **Highlighting/underlining** (6 items)
* **Keyword mnemonic** (3 items)
* **Imagery for text** (3 items)
* **Rereading** (5 items)
* **Practice testing** (7 items)
* **Distributed practice** (5 items)
* **Interleaved practice** (4 items)

Questions:

* Which study strategies are significantly correlated with exam scores?
* What do the results tell us about study strategies? How might you use this information to adjust your study strategies for exams in this class and other classes?