Indicators for Information Literacy Performance in College Students?

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Questions

1. Is there a correlation between NSSE IL survey responses and IL rubric scores?
2. Are there any indicators that correlate to IL performance in first-year students? (e.g., librarian in the classroom, high school, first-gen student, etc.)

Methodology

- NSSE IL survey to FYS (n=473) and upper-level/capstone classes (n=64)
- AAC&U IL VALUE Rubric for FYS (n=707) and upper-level/capstone (n=65) papers

Results

How much has your experience at this institution contributed to your knowledge, skills, and personal development in using information effectively?

First-year: 2.89  
Upper-Level: 2.81

During the past year, about how often have you done the following?

- Completed an assignment that used an information source other than required course readings
- Worked on a paper or project that had multiple smaller assignments such as an outline, etc.
- Received feedback from an instructor that improved your use of information resources
- Looked for a reference that was cited in something you read
- Changed the focus of a paper or project based on information you found while researching the topic
- Identified how a book, article, or creative work has contributed to a field of study
- Decided not to use an information source in a course assignment due to its questionable quality
- Completed an assignment that used the library’s electronic collection of articles, books, and journals

During the past year, how much have your instructors emphasized the following?

- Not plagiarizing another author’s work
- Appropriately citing the sources used in a paper or project
- Using scholarly or peer-reviewed sources in your course assignments
- Questioning the quality of information sources
- Using practices (terminology, methods, writing study, etc.) of a specific major or field of study

With the available data, no factors, other than librarian in the classroom, impacted first-year students’ performance on the IL rubric.

Correlations?

NSSE Survey + IL Rubric

- ✓ Upper-Level
- x First-year

Indicates a relationship at the upper-level between IL performance and perceptions of how often students have done, and been taught, IL competencies.

Indicators of IL Performance

First-year Rubric Scores - Librarian in the class (yes) or not (no)

Overall

- Yes: 2.88
- No: 2.77

Controlled for High School GPA, SAT Score, first gen, Pell Grant

- Yes: 2.86
- No: 2.77

p < .05

First-year Rubric Scores compared with Indiana High School “grade”

- A schools: 2.84
- B Schools: 2.81
- C, D, F Schools: 2.62

p > .05

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