



Fall 2009 Library Tutorials

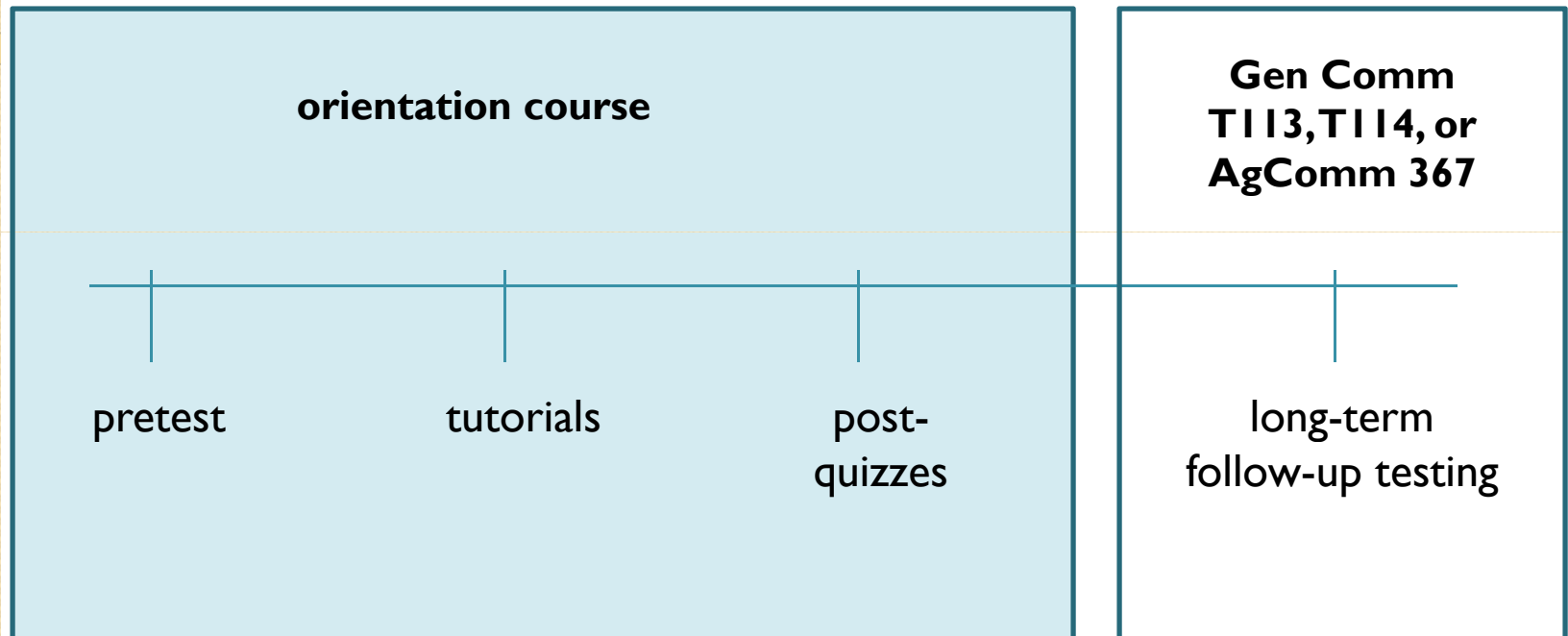
results and analysis

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Setup Overview

- pretest (29 questions)
- 6 tutorials
 - Tutorial 1: Types of sources & reliability (9 minutes)
 - Tutorial 2: General search processes & tips (7 minutes)
 - Tutorial 3: Finding a book (11 minutes)
 - Tutorial 4: Searching an online periodical database (13 minutes)
 - Tutorial 5: Internet sources and searching (20 minutes)
 - Tutorial 6: Copyright & plagiarism (8 minutes)
- 6 post quizzes (6 questions each)
- long-term follow up test (31 questions)

Information Literacy Timeline

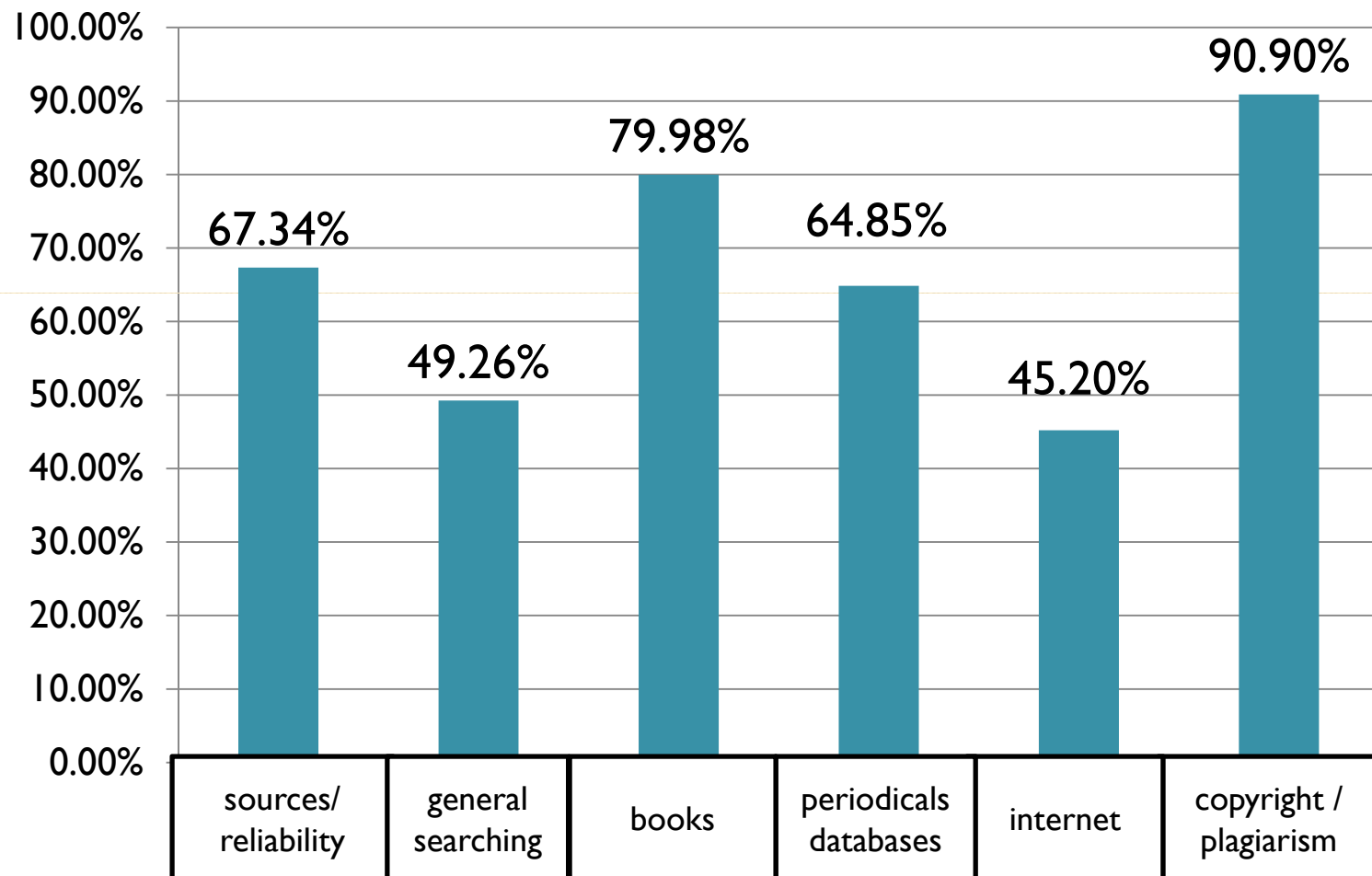


Pretest Results

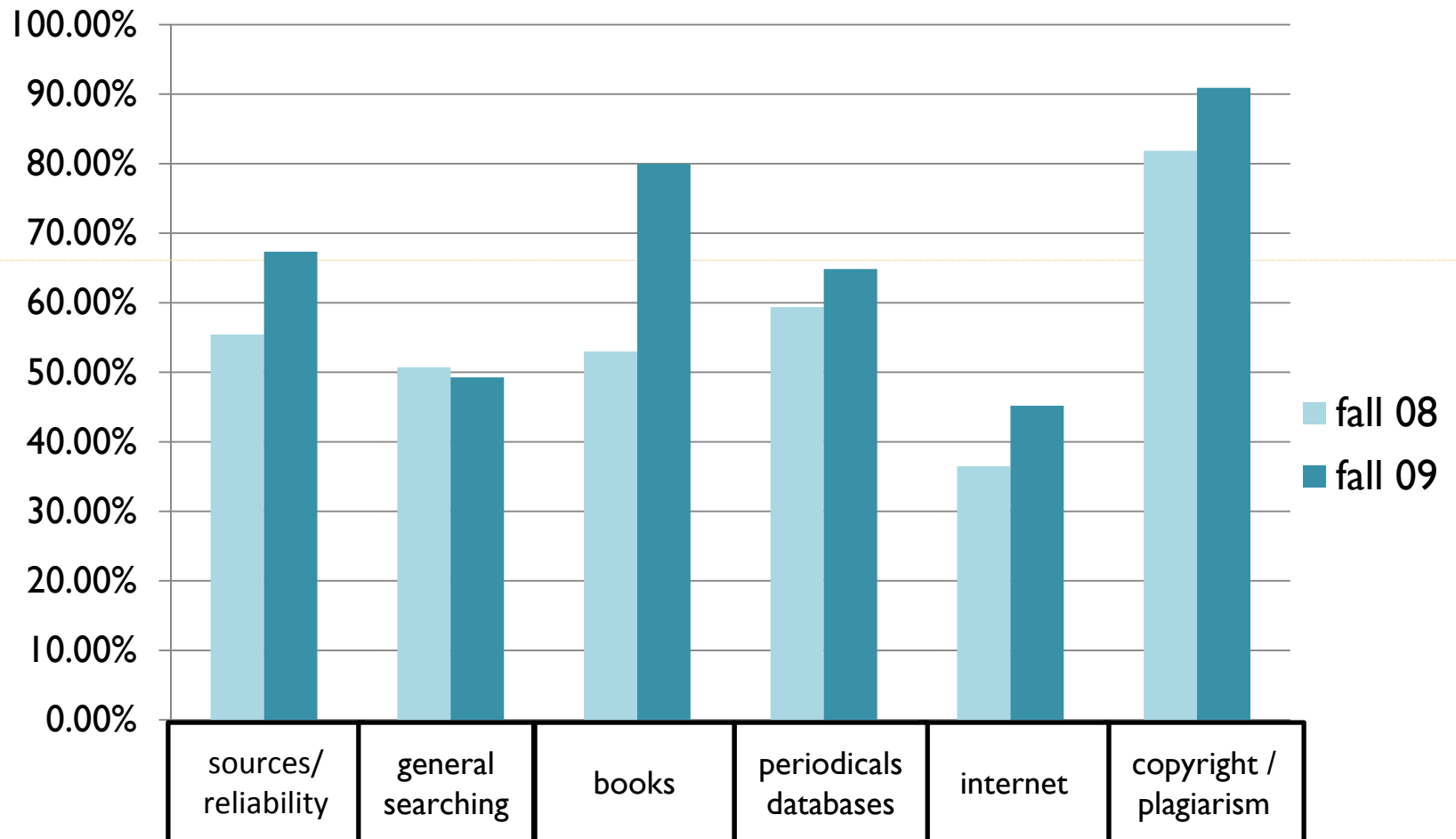
The pretest is intended to measure students' level of knowledge upon entering ATI. These students, on average, have not previously had any ATI library instruction or the tutorials.

- average score = 70.14%
 - *Fall 2008 pretest average: 60.87%*
- 88% completion rate
 - total students completing the pretest: 272
 - total students in orientation courses: 310
 - *Fall 2008 completion rate: 81%*

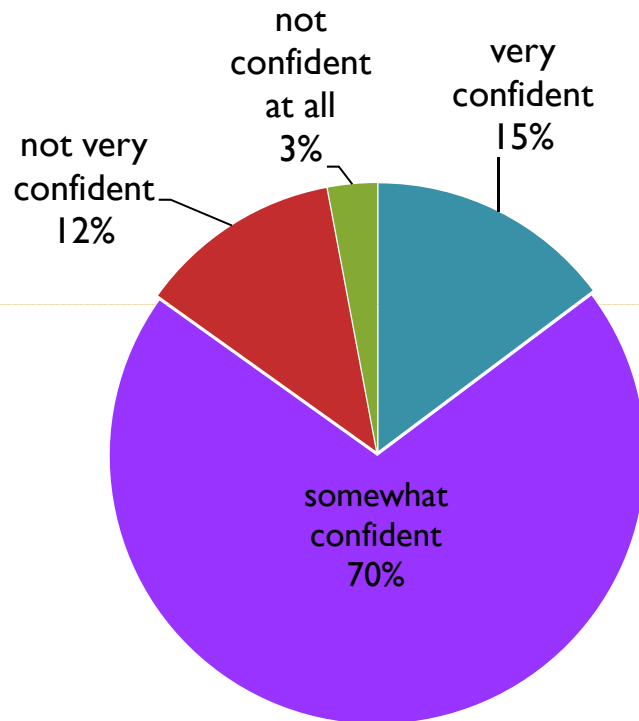
2009 Pretest Averages by Topic



Pretest Averages 2009 vs. 2008



Catalog Opinion Topic

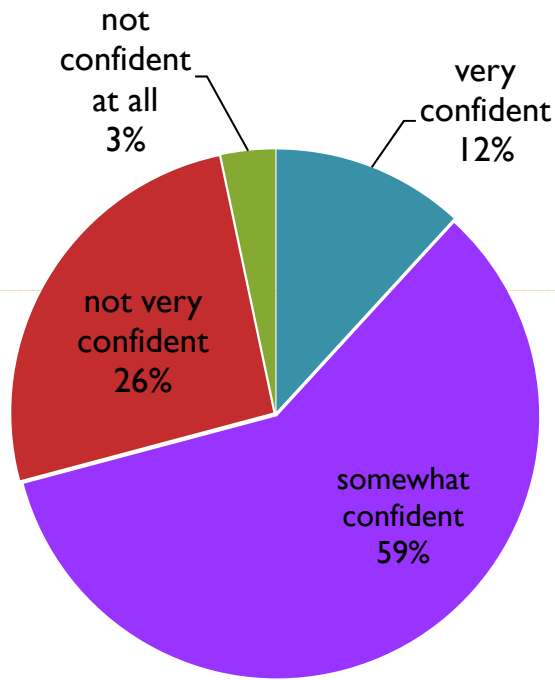


Their confidence in using the library catalog:

- 85% of students are somewhat or very confident using the library catalog.
- 15% are not very confident or not confident at all.

*These are slightly more confident than the 2008 catalog opinion results:
(83% confident; 17% not confident)*

Database Opinion Topic

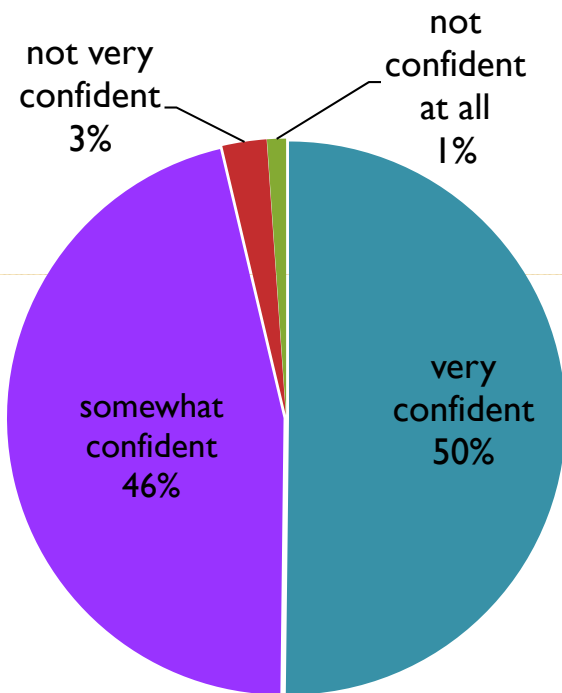


Their confidence in using library databases:

- 71% of students are very or somewhat confident searching library databases.
- 29% of students are not very confident or not confident at all.

*These are slightly more confident than the 2008 catalog opinion results:
(69% confident; 31% not confident)*

Internet Opinion Topic



Their confidence in using the internet to find reliable information:

- 96% of students are very or somewhat confident searching the internet for valuable information.
- Only 4% are not very confident or not confident at all.

These are slightly more confident than the 2008 catalog opinion results:

(94% confident; 6% not confident)

These high confidence rates are important since students scored lowest on internet pretest questions.

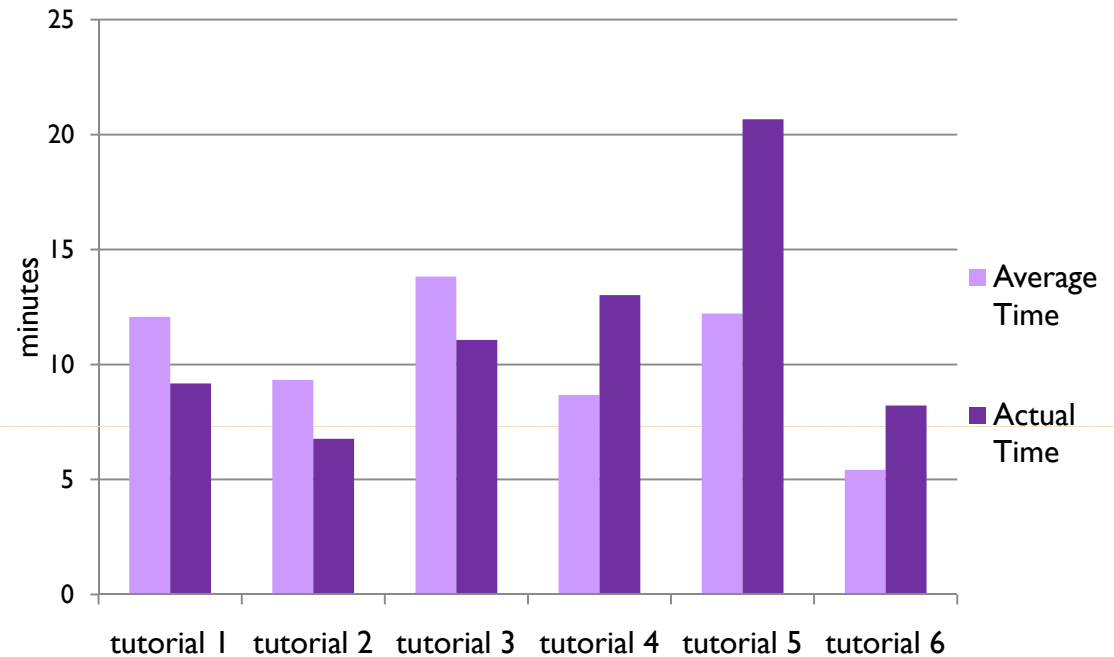
Pretest Comments

- low scoring questions
 - thinking search engines search entire internet
 - what makes a journal scholarly
 - formulating search strategies
 - and/or searches
 - role of blogs/wikis in research
 - *these questions scored extremely low in 2008 pretest as well*
- major difference is the increased pretest score for the 'books' topic
 - problematic questions were altered to eliminate confusion

Tutorials

Note: In Carmen, students must OPEN the tutorial to take the post-quiz, not complete it.

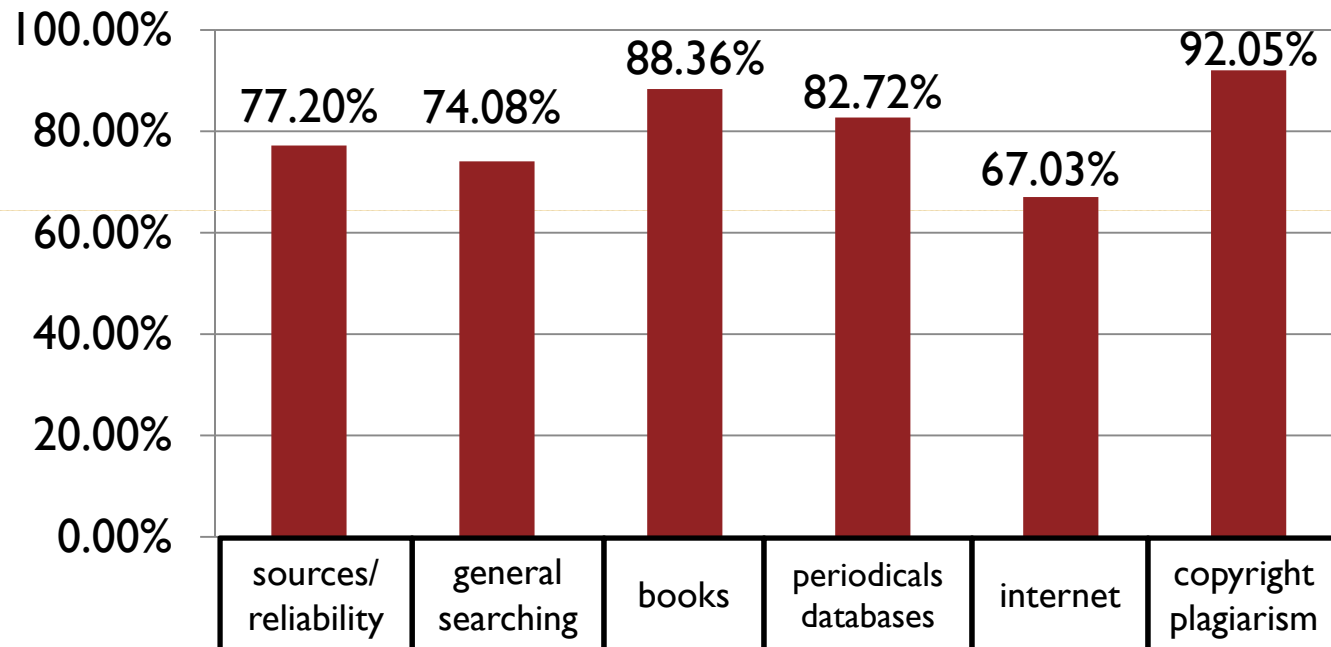
Length of Tutorials



This is an improvement from 2008, when students spent less time than the actual tutorial length on 5 of the 6 tutorials.

Post-Quiz Averages

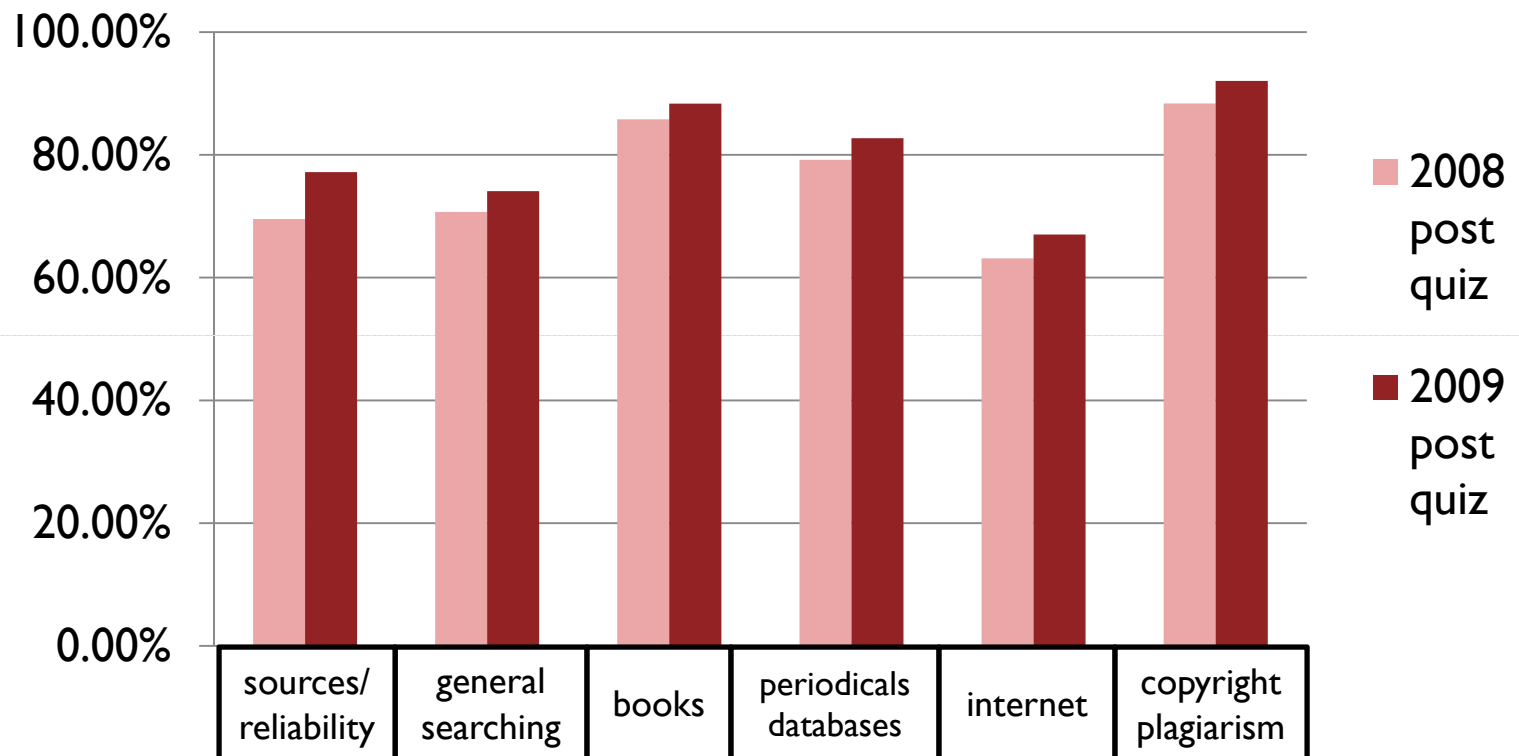
2009 Post Quiz Averages



The post-quizzes had two aims:

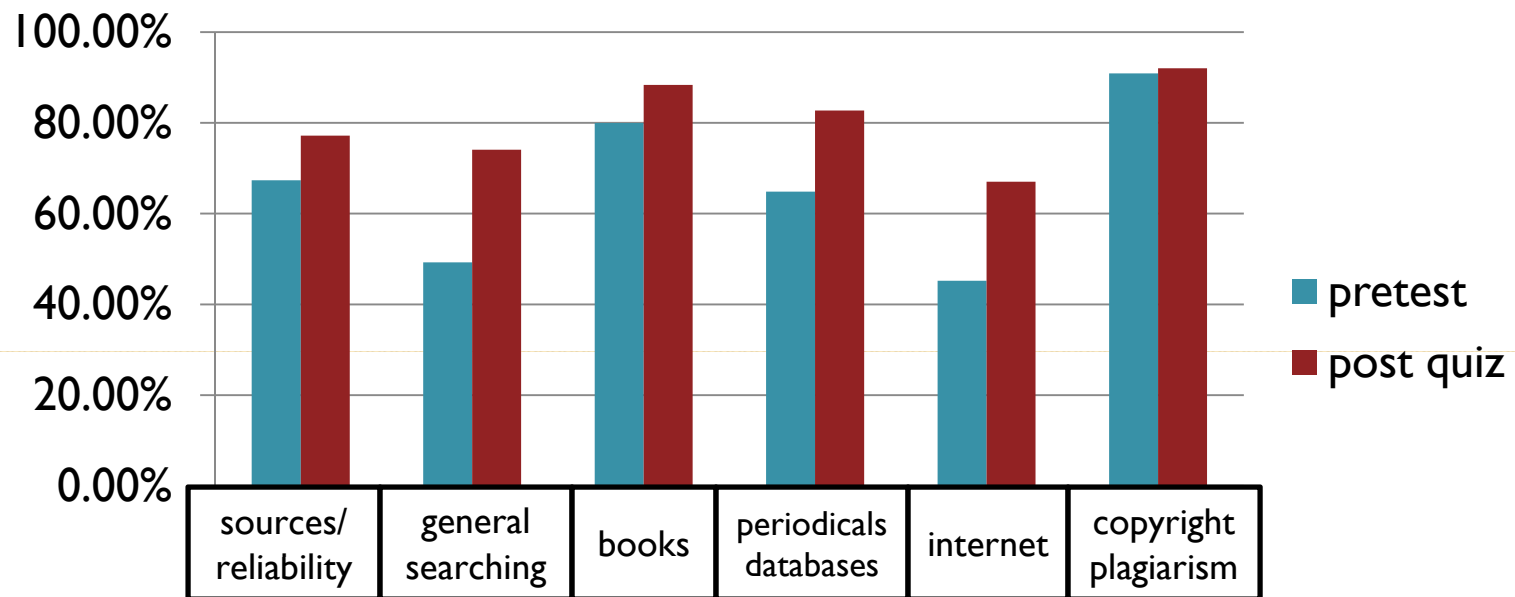
- determine if the students retained information from the tutorials
- help reinforce information

Post-Quiz Averages Comparison



Increased post-quiz averages on every quiz in 2009

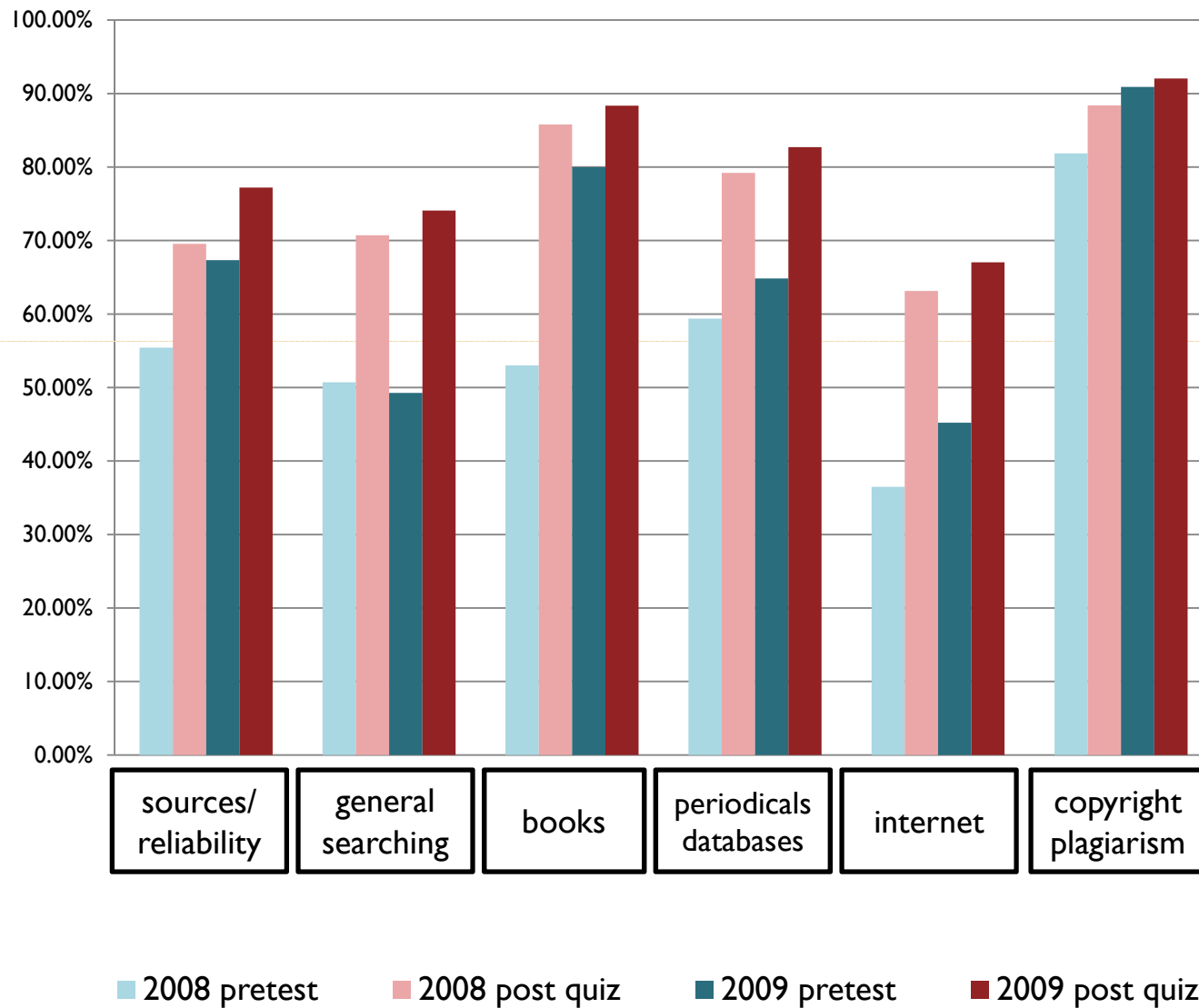
2009 Pretest vs. Post-Quiz Topics



increases from pretest to post-quiz for 2009:

- sources/reliability increased 10%
- general searching increased 25%, which was the largest increase
- books increased 8%
- periodicals databases increased 18%
- internet increased 22%
- copyright plagiarism only increased 1% but is the highest scoring topic

2008 vs. 2009 Overall

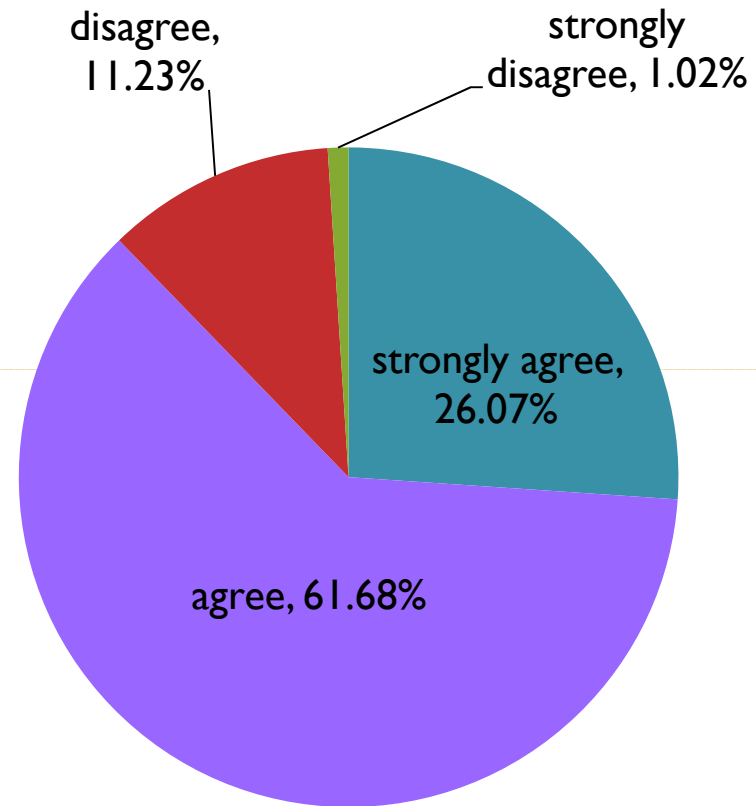


Post-quiz Opinions

OVERALL
AVERAGE
for this question on
every post-quiz:

This tutorial had
useful information
to help me find
information for
research.

- 87.75% agreed
- 12.25% disagreed



Post-Quiz Comments

Students scored higher on post-quiz topics than on the pretest for all six topics. This can be attributed to any of the following reasons:

- learned from the pretest (viewing missed questions and answers)
- learned from the tutorials
- learned the information elsewhere
- looked up the answers while taking the post-quizzes

80.85%: average score of all post-quizzes combined

an increase of over 10% when compared to the pretest score average of 70.14%.

2008: average score of all post-quizzes combined was 76.74%. This was an increase of over 15% when compared to the 2008 pretest score average 61.68%.