

Section Header	Description
Institution Name	University of Illinois Springfield
Institution Characteristics	4 year liberal arts university in the University of Illinois System, FTE enrollment: 4,275, FTE library staff: 32.5 (including student employees)
CARLI Counts Participant Name + Job Title	Sarah Sagmoen – Dir. of Learning Commons and User Services, Instructional Services Librarian
Project Name/Title	Impact of Research Consultations on course Grade and GPA
Single Sentence Abstract	Brookens library conducted investigation into research consultations with a librarian and its impact on course grade and found a slight, but not statistically significant, positive effect on course grade.
Motivation(s) for Project	This project was important as a stepping stone for larger assessment and investigation into reference models. Brookens Library no longer has a reference desk and is investigating new models for reference, including but not limited to research consultations by appointment.
Partners and Stakeholders	The institutional research office.
Inquiry Question	What is the impact of research consultations on student course grade?
Study Participants/Population	Students across 3 sections of a psychology research methods course. Some of whom had mandatory research consultations and some of whom were encouraged, but not required.
Method(s) of Data Collection and Analysis	The librarian who conducted the research consultations provided a list of names of those students who met with him. That list was provided to the institutional research office, they then anonymized the data for all students across the three sections and provided the course grade. A t-test was then completed. Unfortunately, the findings were not significantly significant, but a slight correlation could be found between research consultations and higher course grades. Students who completed a research consultation had an average grade of B+, whereas students who did not had an average

Findings	That there is a small, but positive impact, and to fully prove this we'll need additional data.
Use of Findings	Primarily our findings are relevant to our future assessment plans. We need more data to fully assess whether research consultations and specifically if encouraging that faculty require research consultations for some courses has enough effect on student success (in this instance course grade) to be a viable model moving forward. Specifically, it was a large undertaking to schedule the mandatory consultations with one section. And may not be easily scaled if other courses where to do the same. We will have to investigate further.
Next Steps and Other Results	We need to collect additional data on research consultations. Including gathering student feedback on research consultations.
Additional Reflections	Carrying out the student was quite simple. We knew we had a set of students who had had mandatory research consultations. It was a simple request for access to data via the Provost and institutional research office.
Timeline	Once we worked out the process for getting the data we needed, everything fell into place. That was the largest milestone for us since we were working with data from previous semesters as opposed to collecting new data.
Bibliography/Works Cited	
Appendices	Statistics from t-test shown below

Group Statistics

	RecdConsultNun	N	Mean	Std. Deviation	Std. Error Mean
Course Grade Numeric	Did not recieve consultation	77	8.7403	2.75968	.31450
	Recieved Consultation	34	9.7353	2.40339	.41218