

**Information literacy in mathematics undergraduate education: Where does it stand today?**  
**Appendix D— Chi-Square tests run on survey questions**

Key: SA=Strongly Agree, A=Agree, N=Neutral, D=Disagree, SD=Strongly Disagree)

Parenthetical groupings show how the responses are divided into pools for chi-square analysis.

<u>Question A</u>	<u>Question B</u>	<u>p-value</u>	<u>Is p&lt;.05?</u>
IL needs being met at my institution? (SA/A/N), (D/SD)	Highest college degree offered in mathematics (PhD), (Masters), (Bachelors), (None/Other)	0.759	No
IL needs being met at my institution? (SA/A/N), (D/SD)	Total students at the institution (1-5000), (5,001-10,000), (10,001-25,000), (25,001+)	0.034	Yes
IL needs being met at my institution? (SA/A/N), (D/SD)	Number of math majors (0-10), (11-50), (51-100), (101-250), (251+)	0.515	No
IL needs being met at my institution? (SA/A/N), (D/SD)	Systematic IL plan? (Any plan), (No plan)	0.261	No
IL needs being met at my institution? (SA/A/N), (D/SD)	Highest librarian degree attainment in math (PhD/Masters/Bachelors), (None/Other)	0.512	No
IL needs being met at my institution? (SA/A/N), (D/SD)	How much library experience with math? (<2 yrs), (2-10yrs), (11+ yrs)	0.093	No
IL needs being met at my institution? (SA/A/N), (D/SD)	Taught any IL sessions in specific math courses? (Yes), ( No)	0.859	No

Taught any IL sessions in specific math courses?	Highest college degree offered in mathematics	0.153	No
(Yes), ( No)	(PhD), (Masters), (Bachelors), (None/Other)		
Taught any IL sessions in specific math courses?	Total students at the institution	0.191	No
(Yes), ( No)	(1-5000), (5,001-10,000), (10,001-25,000), (25,001+)		
Taught any IL sessions in specific math courses?	Number of math majors	0.491	No
(Yes), ( No)	(0-10), (11-50), (51-100), (101-250), (251+)		
Taught any IL sessions in specific math courses?	Systematic IL plan?	0.402	No
(Yes), ( No)	(Any plan), (No plan)		
Taught any IL sessions in specific math courses?	Highest librarian degree attainment in math	0.115	No
(Yes), ( No)	(PhD/Masters/Bachelors), (None/Other)		
Taught any IL sessions in specific math courses?	How much library experience with math?	0.339	No
(Yes), ( No)	(<2 yrs), (2-10yrs), (11+ yrs)		
IL needs being met at my institution?	Librarian degree attainment in library or information science	Distribution of answers make this test invalid to run	
Taught any IL sessions in specific math courses?	Librarian degree attainment in library or information science	Distribution of answers make this test invalid to run	