What's used to gauge when engaging?:

Determining academic librarian roles in research assessment reporting services

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Introduction

Academic librarians play a key role in assisting faculty with assessing the impact of their research. In the rapidly changing environment of scholarly communication, librarians must stay abreast of emerging tools and metrics in order to effectively and reliably support and promote the research and creative activities at their institution. A recent survey administered to over 13,000 librarians at Carnegieclassified R1 institutions offers insight into the usage of research impact metrics and usage data among academic librarians when advising university faculty and when compiling evidence of research impact for faculty and administration. In particular, this poster examines the rates at which academic librarians are providing impact metric reporting services for faculty, departments, and administrators; the most popular tools used to prepare reports; and how disciplinary liaison responsibilities and job duties affect one's likelihood to perform such services. Engaging with faculty and administration at the university is a crucial responsibility of academic librarians, and this poster presents a portrait of how academic librarians are leading the discussion in research impact.

Methods

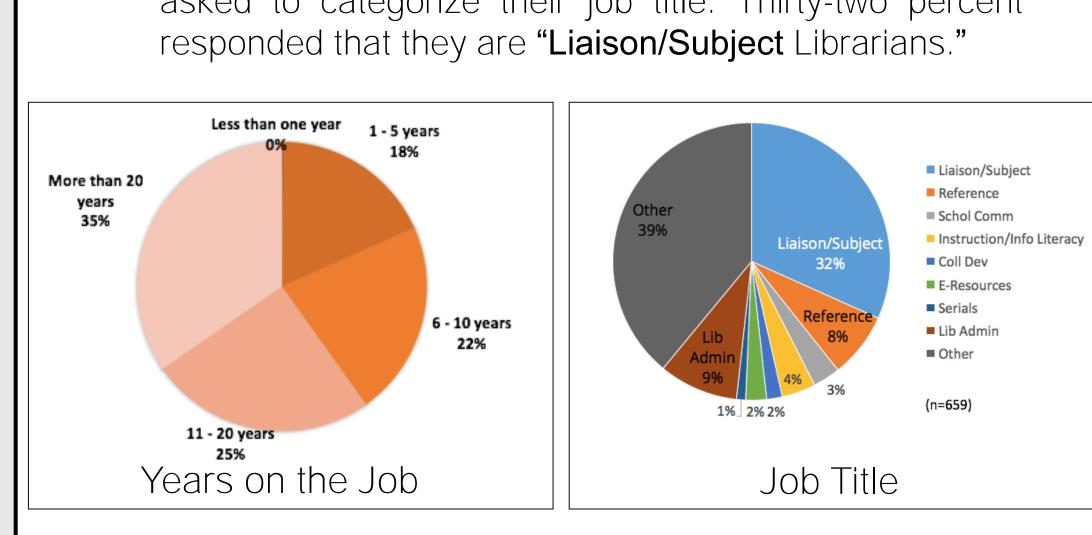
•Survey of 13,436 librarians at 150 Carnegie-classified "R1" institutions in the US

- Direct email (manually collected)
- 707 respondents (5.3% response rate)
- Administered survey using Qualtrics

Data analysis completed via Qualtrics and SPSS

Demographics

- Over half of the respondents have been on the job for more than 11 years and over a third have more than 20 years experience.
- The majority of respondents answered "other" when asked to categorize their job title. Thirty-two percent responded that they are "Liaison/Subject Librarians."



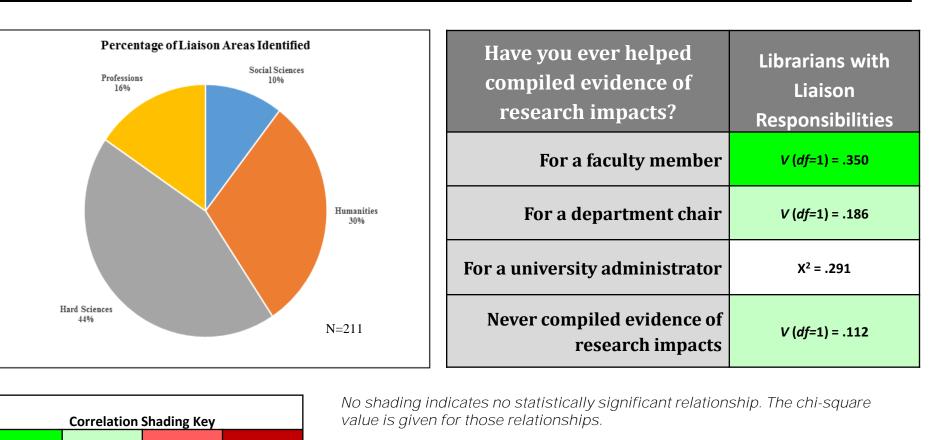
Frequency of Providing Impact **Metric Reporting Services**

Impact Metric Reporting Services

Librarians who regularly perform scholarly communication or assessment duties are more likely to provide impact metric reporting services. Respondents with liaison responsibilities were more likely to compile evidence of research impacts, especially for faculty members. Librarians with humanities liaison duties were least likely to compile evidence.

Have you ever helped	What sort of duties do you perform regularly for your job?					
compiled evidence of research impacts?	Collection Development	Instruction	Reference Services	Scholarly Communication	Assessment	
For a faculty member	$X^2 = 5.68$	X ² = .703	X ² = .879	V (df=1) = .326	X ² = .127	
For a department chair	$X^2 = 4.78$	X ² = .678	X ² = .322	X ² = .163	V (df=1) = .126	
For a university administrator	X ² = .806	X ² = .825	X ² = .521	X ² = .245	X ² = .616	
Never compiled evidence of	X ² = .072	X ² = .470	X ² = .555	V (df=1) = .203	X ² = .878	

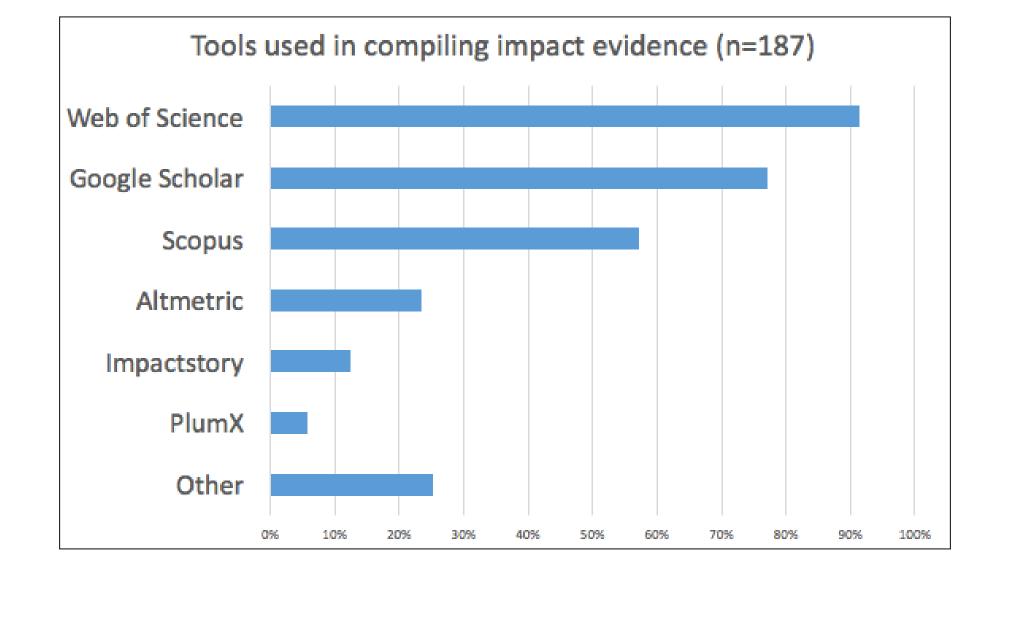
Have you ever helped compiled evidence of	Which subject areas do you serve as a Liaison Librarian/Subject Specialist?						
research impacts?	Humanities	Social Sciences	Sciences	Professions			
For a faculty member	V (df=1) = .078	V (df=1) = .131	V (df=1) = .229	V (df=1) = .148			
For a department chair	X ² = 722	V (df=1) = .101	V (df=1) = .183	X ² = .325			
For a university administrator	X ² = .359	X ² = .224	X ² = .103	X ² = .650			
Never compiled evidence of	V (df=1) = .127	X ² = .189	X ² = .916	X ² = .434			



If statistically significant, ($x^2 < .1$), Cramer's V is given and the shading indicates the effect size, or strength, of that relationship. No large effect sizes were found; hus, the relationships highlighted are either small or medium effect sizes. The correlations represented by the shadings are inferred from frequency bar charts. The chi-square test provided statistically significant evidence that relationships exist but does not confirm the direction of the relationship.

Impact Metrics Included in Reports vpes of Research Impact Metrics Included in Reports

Websites & databases used to compile impact evidence

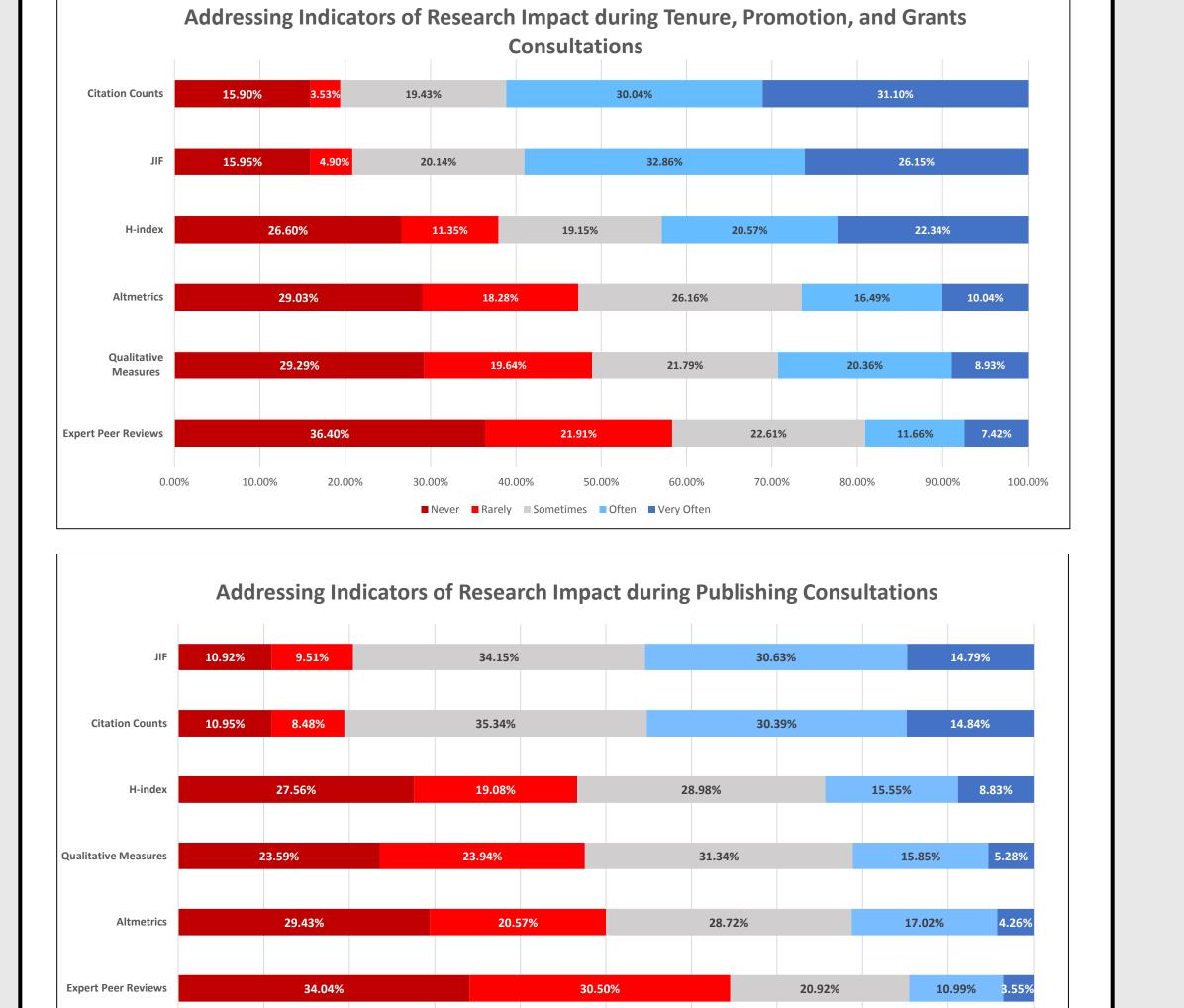


"Other" tools used

Respondents were given the opportunity to share the websites, databases, and apps they have used to compile impact metrics when creating reports, if different from the options above. This Wordle includes those answers, sized by frequency of mention.



Research Impact Consultations with Faculty



Conclusions

Our respondents typically engaged with faculty when providing impact metric reporting and consultation services. Overall, respondents discuss and report the Impact Factor (IF) and citation counts most often. More research is needed to extrapolate the results to the academic librarian population. In addition, further research is planned to assess the connection, if any, between the usage and familiarity with certain impact metrics and attitudes towards open access.

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Further information

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