

Building a Bridge to Next Generation DH Services in Libraries with a Campus Needs Assessment

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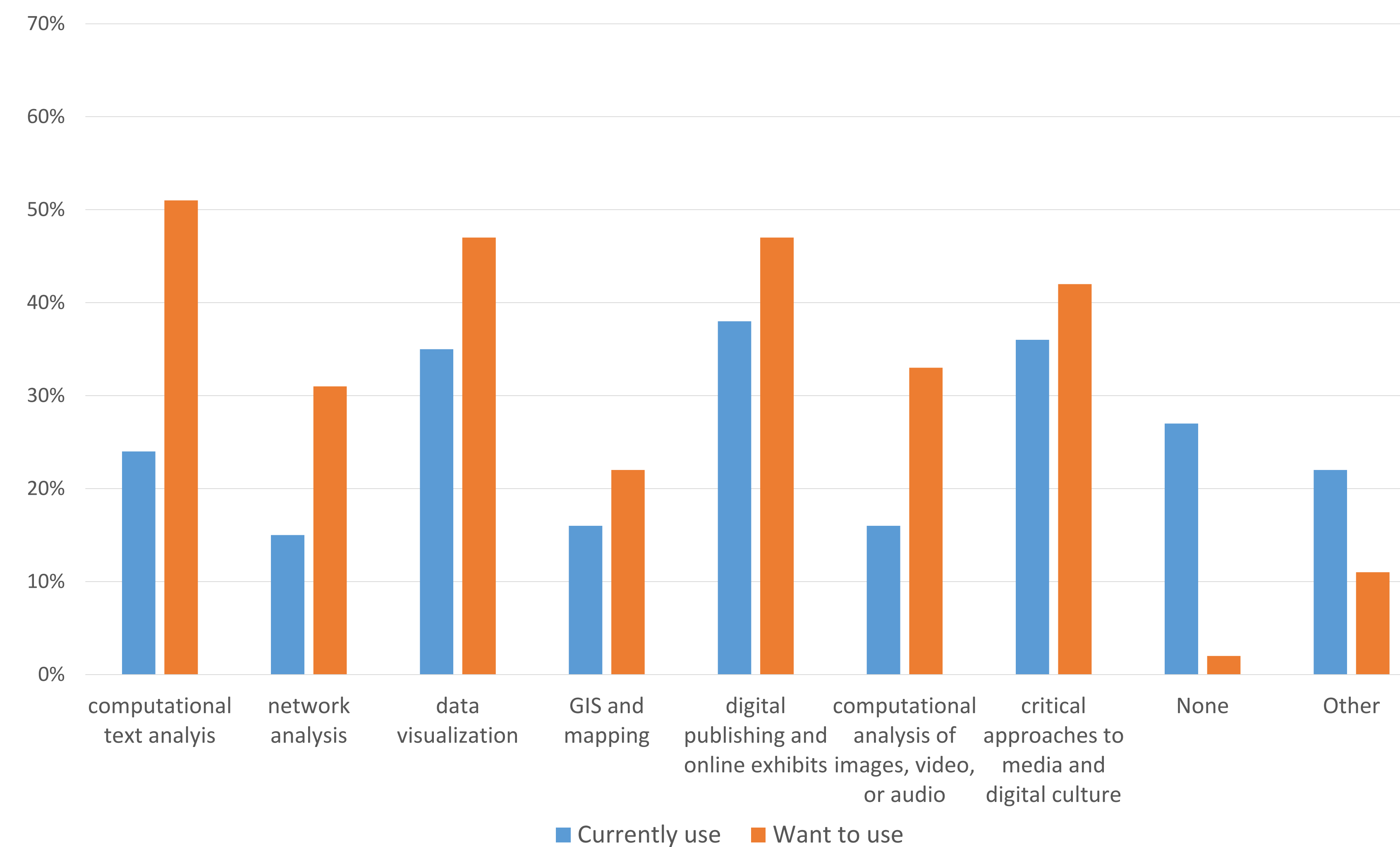
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Methods

- 15 Interviews with faculty, administrators, academic professionals, and graduate students from units with interest or involvement in DH.
- Scan of recent dissertations to identify DH work.
- Follow-up survey to random sample of faculty (23%), researchers and academic staff (16%), graduate students (62%) in relevant units in the arts, humanities and social sciences (55 responses).

Team Members: English & DH Librarian, HathiTrust Research Center DH Specialist, Information Sciences Librarian, Visual Resources and Outreach Specialist, Head of Architecture & Art Library, and Associate University Librarian for User Services.

Digital Scholarship Methods: Using vs. Want to Use



Recommendations

- (1) provide opportunities for in-depth training;
- (2) connect the library's role in research data curation to digital scholarship creation;
- (3) expand the library's strengths in discovery and access to digital collections;
- (4) build space and opportunities for people to form communities of practice;
- (5) act as a key node in the network of digital scholarship research initiatives;
- (6) build library personnel capacity for digital scholarship services

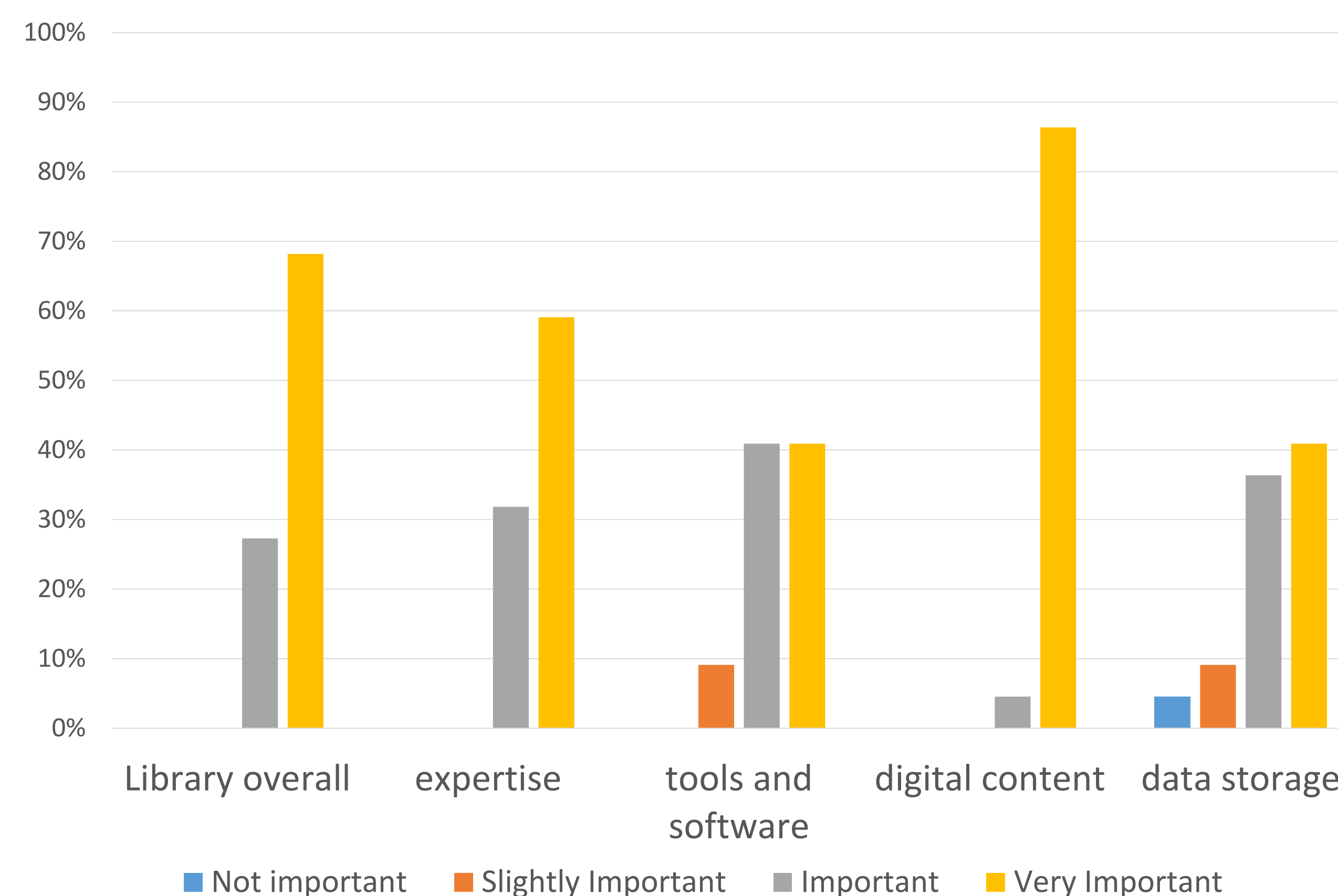
Findings

- Graduate students expressed stronger urgency and need for library support for tools and software.
- Faculty and staff expressed greater urgency across other all areas including access to library expertise, assistance with access to digital content, and data storage.
- Access to digital collections as data was as a key barrier to researchers pursuing projects.

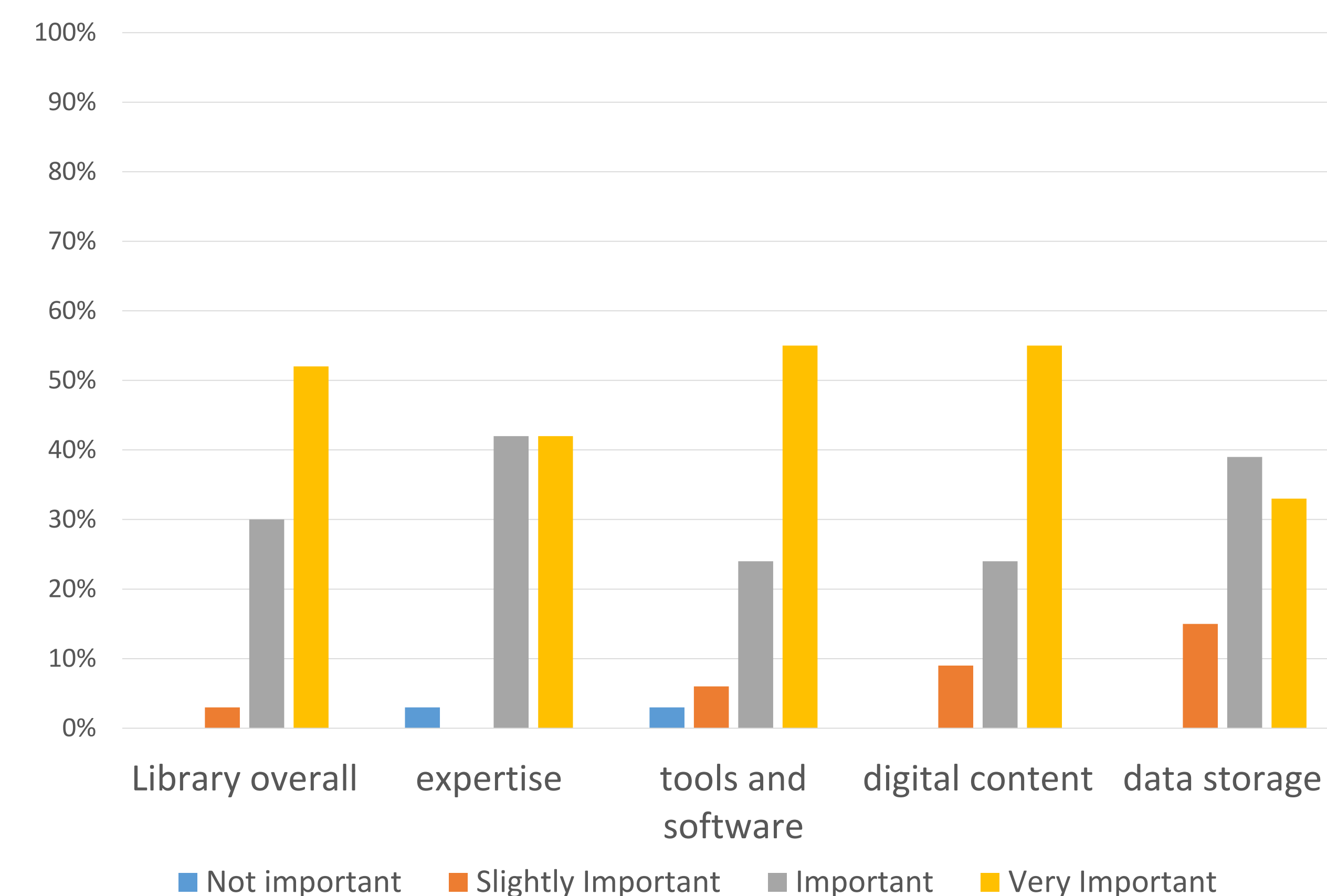
Areas of Need

- Access to Collections and Data
- Funding
- Networks of Research and Community
- Education
- Infrastructure and Research Support

Library's Role in Supporting Digital Scholarship: Non-Graduate Students



Library's Role in Supporting Digital Scholarship: Graduate students



Selected Actions

- Redesigned introductory text mining workshop, offered advanced text mining workshop on topic modeling. (1)
- Redesigned and expanded library guides on acquiring text data sets. (2,3)
- New bi-weekly student and faculty reading and working group on digital scholarship. (4)
- Revamped website and marketing for DH services to reach broader audience. (4,5)
- Planning underway for digital scholarship space to update the existing Scholarly Commons (4,5)
- New library-driven digital publishing initiative. (2,5)
- Shifting staff roles including the addition of Data Visualization resident librarian, and 2 graduate student interns in digital scholarship. (6)
- Supported four librarians to attend the Association of Research Libraries Digital Scholarship Institute to increase DH/DS capacity. (6)

The full needs assessment can be found at:

<https://www.ideals.illinois.edu/handle/2142/100081>