



Paper: Establishing Research Data Management Services on a Health Sciences Campus

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Agenda

- Paper Inspiration
- Paper Discussion
- Key Paper Highlights
- Q & A Session





Paper Inspiration

In January 2018, there was a lack of RDM development on the WSU health sciences campus

- Existing infrastructure:
 - Institutional repository (IR), Research Exchange
 - General LibGuide on Data Management Plans
- Infrastructure Gaps
 - LibGuide on Research Data Management for the Health Sciences
 - Training support: e.g. online webinars, F2F workshops, 1-to-1 consultations
 - Data policy
- Gap Filling Tools
 - Campus-wide Needs Assessment Survey on RDM needs





Paper Discussion

In June 2018, we submitted our paper to the *Journal of eScience Librarianship*; in August 2018, our paper was conditionally accepted

- Paper Lowdown:
 - A 23-question online survey was distributed to researchers and research support
 - Survey results indicated that there was a clear need for more instruction with regard to data management planning like metadata design, data sharing, data security, and data storage & backup





Paper Discussion

In August 2018, our RDM paper was conditionally accepted for publication by the *Journal of eScience Librarianship*

- Areas for improvement:
 - Clarify results of our study; define the “n” number and percentages used more
 - Assess statistical significance of results
 - Clarify all survey distribution methods
 - Explore other ethical considerations besides IRB
 - Clean up and fine tune the paper’s language and grammar





Key Paper Highlights

There are some interesting study findings that I would like to highlight here ...

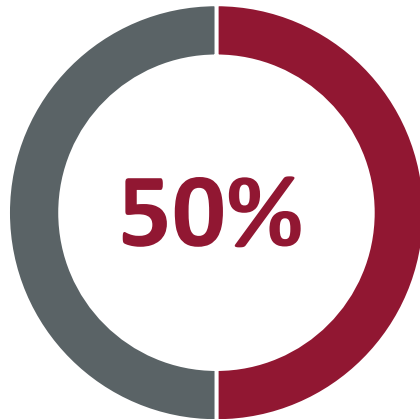




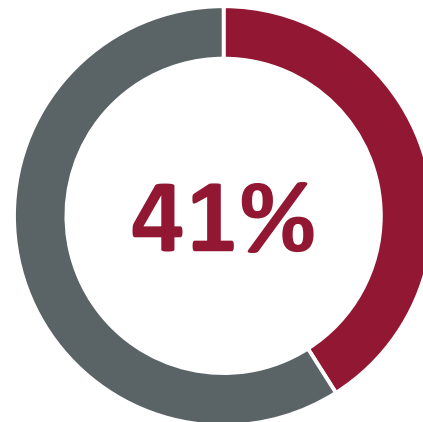
Data Management Plan

42%

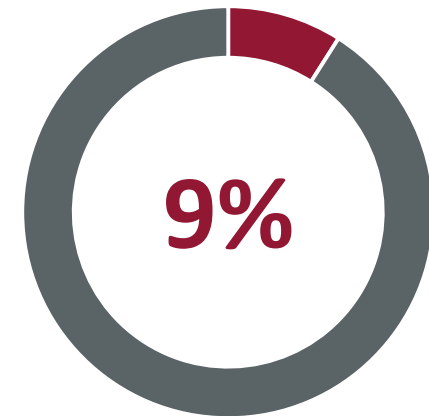
of researchers **do not** have a data management plan (DMP)



stated they do not have a DMP in place



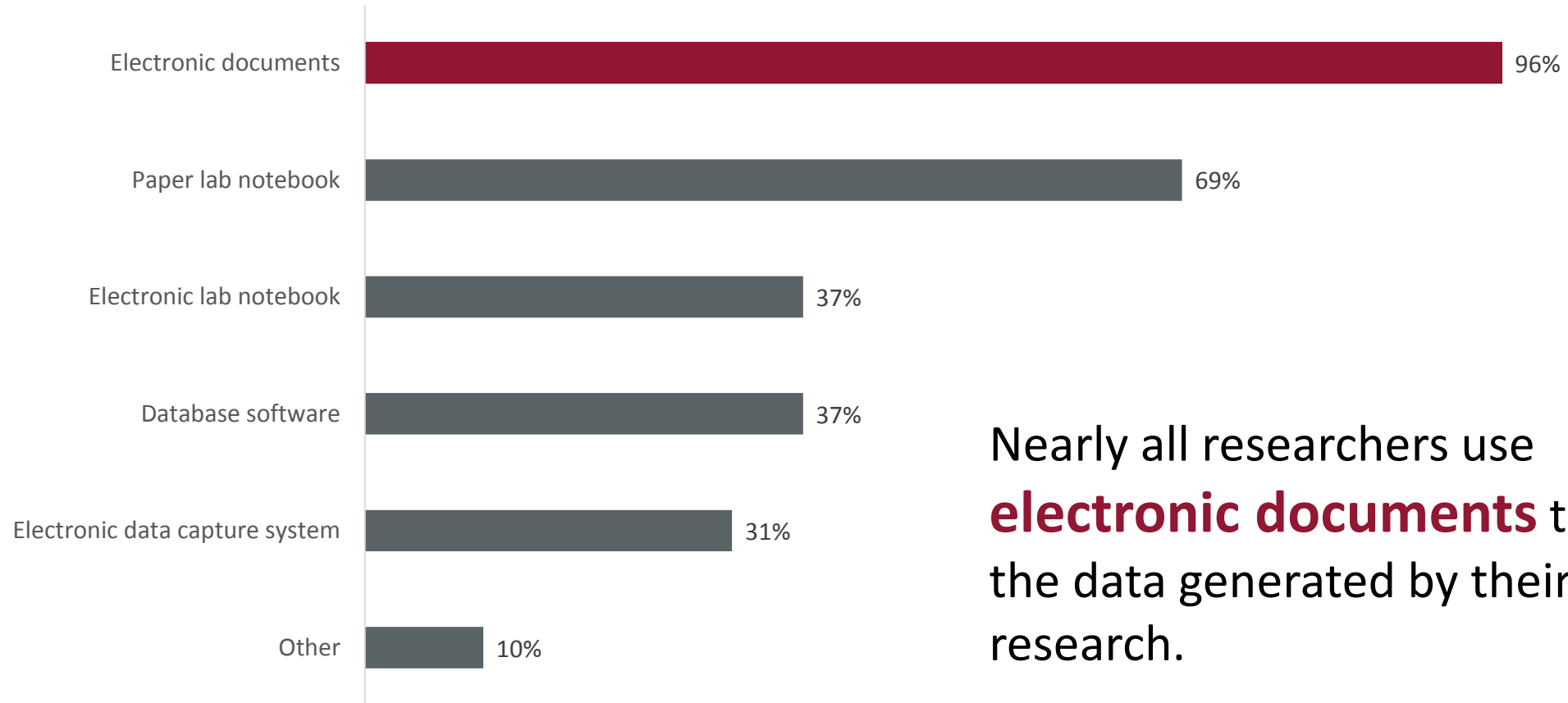
do not know what a DMP is



do not know if their project has a DMP



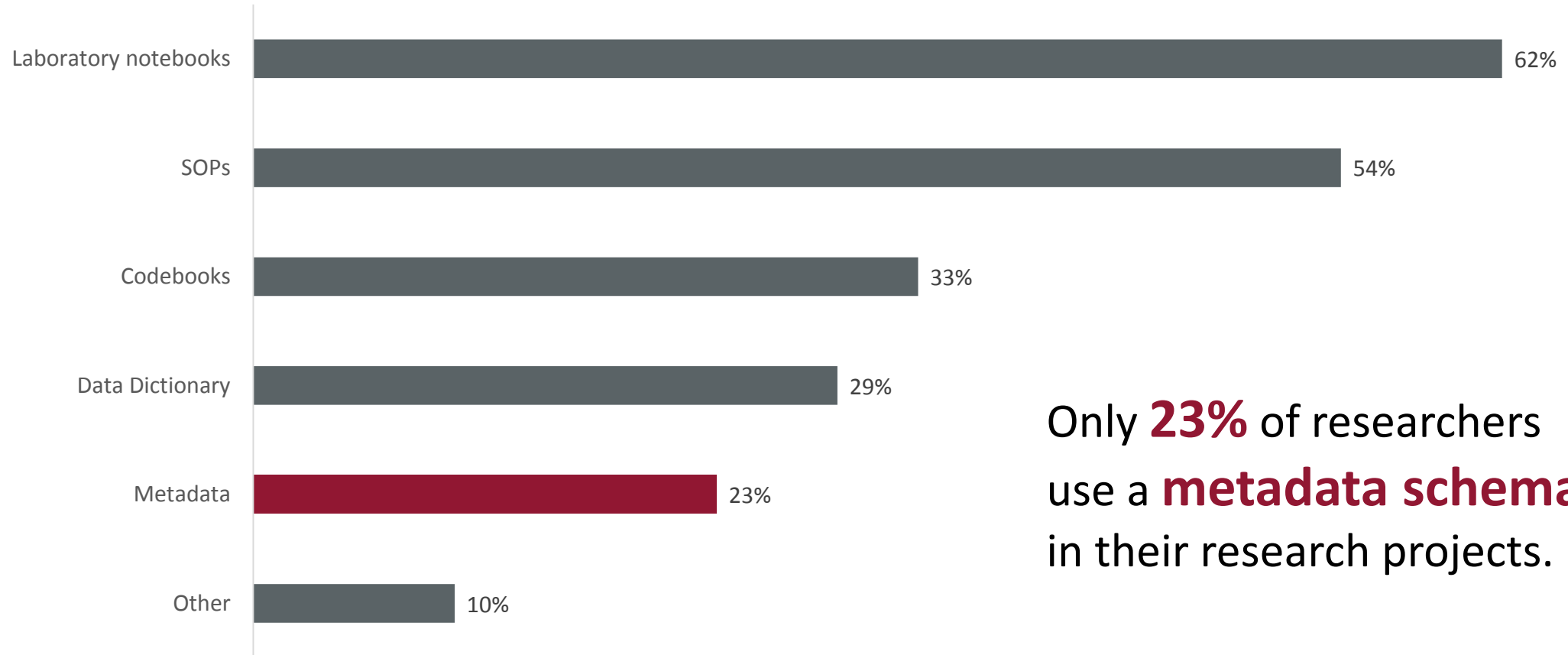
Data Generation



Nearly all researchers use **electronic documents** to store the data generated by their research.



Data Documentation



Only **23%** of researchers use a **metadata schema** in their research projects.



Data Sharing

38%

plan to **share**
their data.



37%

are **unsure**
about sharing
their data.



25%

do not plan
to share
their data.





Data Preservation

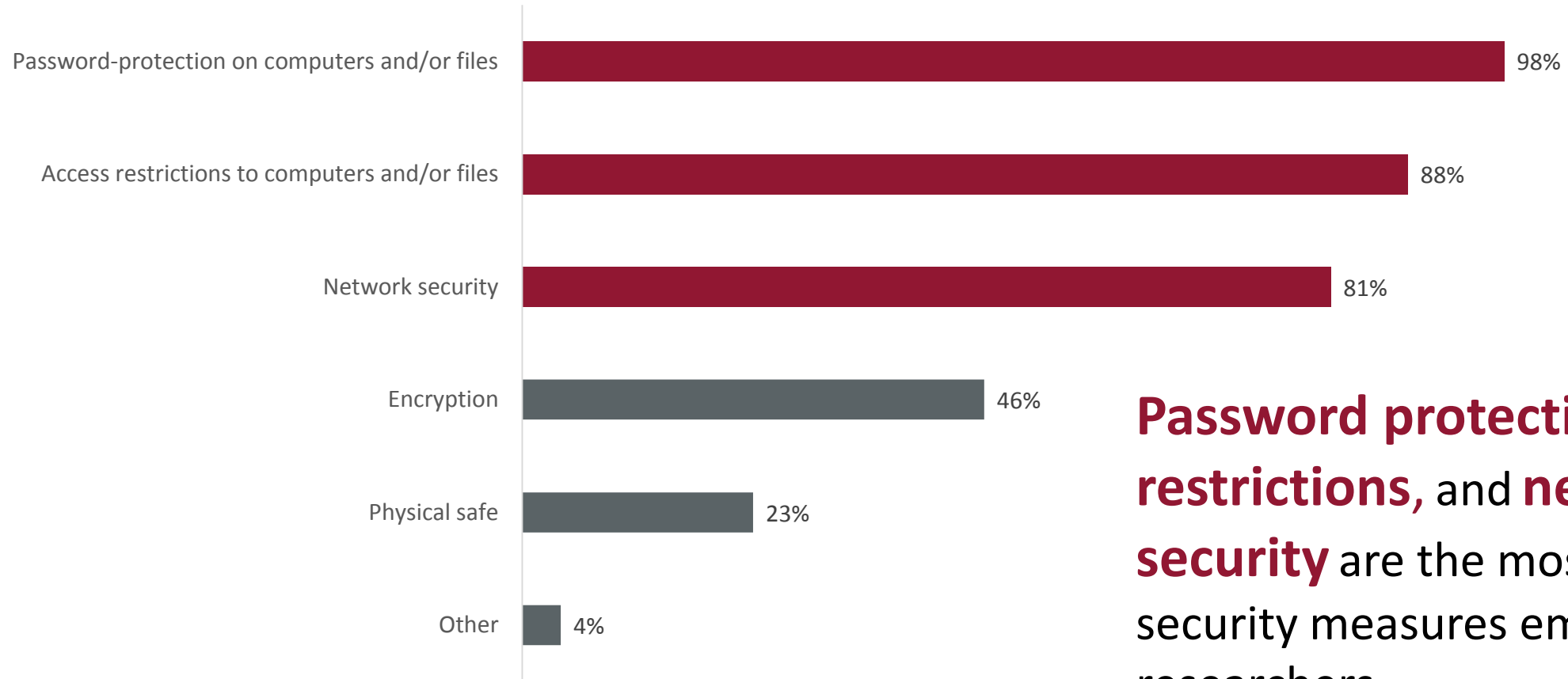


42%

of researchers feel that data
should be stored for
ten or more years.



Data Security



Password protection, access restrictions, and network security are the most common security measures employed by researchers.



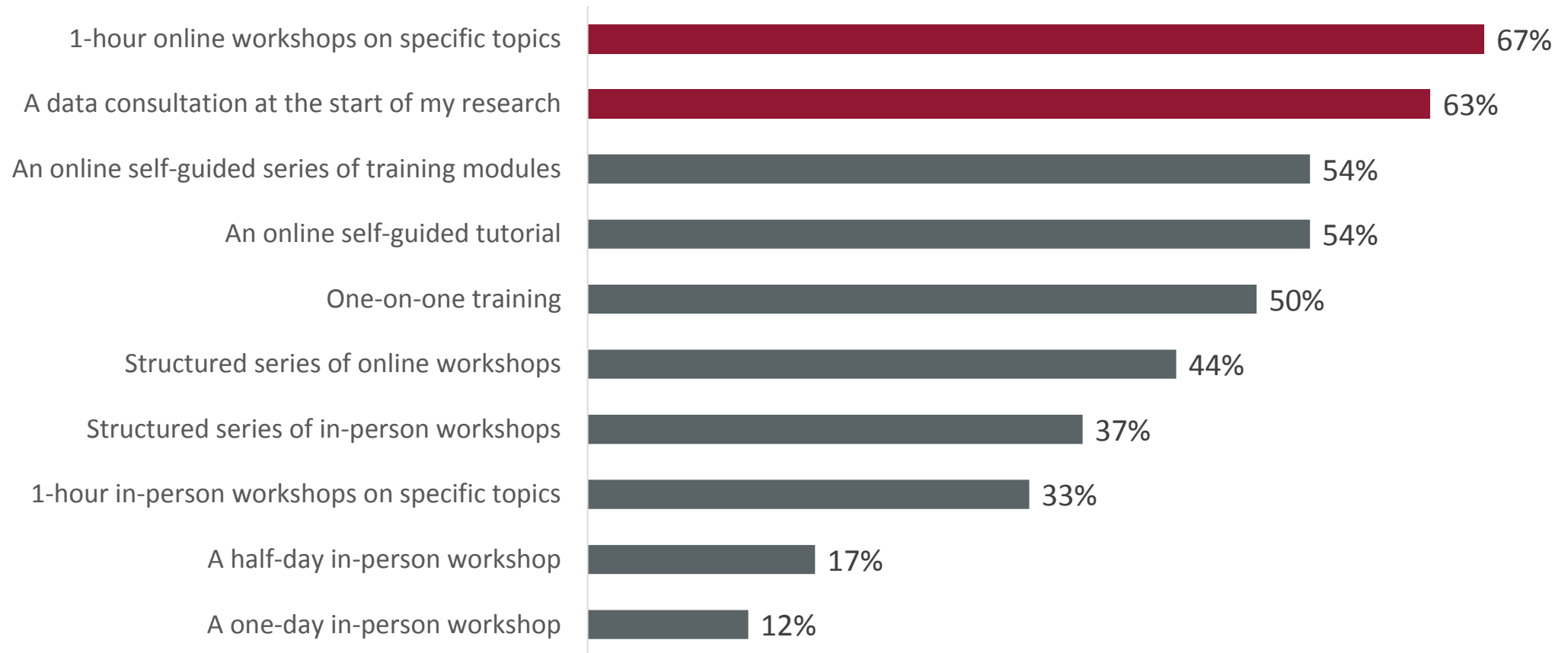
RDM Support Services

In what areas of RDM would you most like to **improve**?





RDM Support Services





Key Takeaways

DMP support

Digital data
storage

Sharing research
data

Desire for
education/support



Recommendations

Support for library-provided RDM services

**Online
Workshops**



**Data
Consultations**



**Online
Resources**





Recommendations

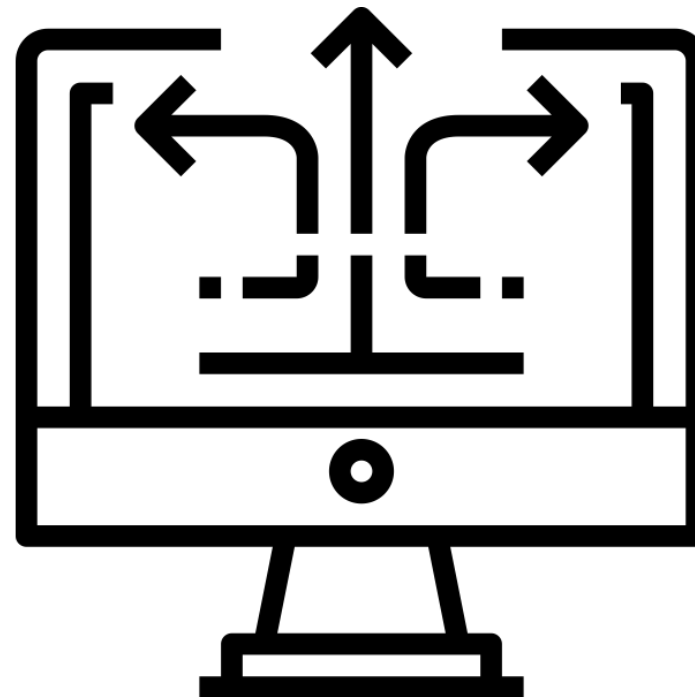
Development of a coordinated RDM approach

Researchers

Library

IT Department

Office of Research

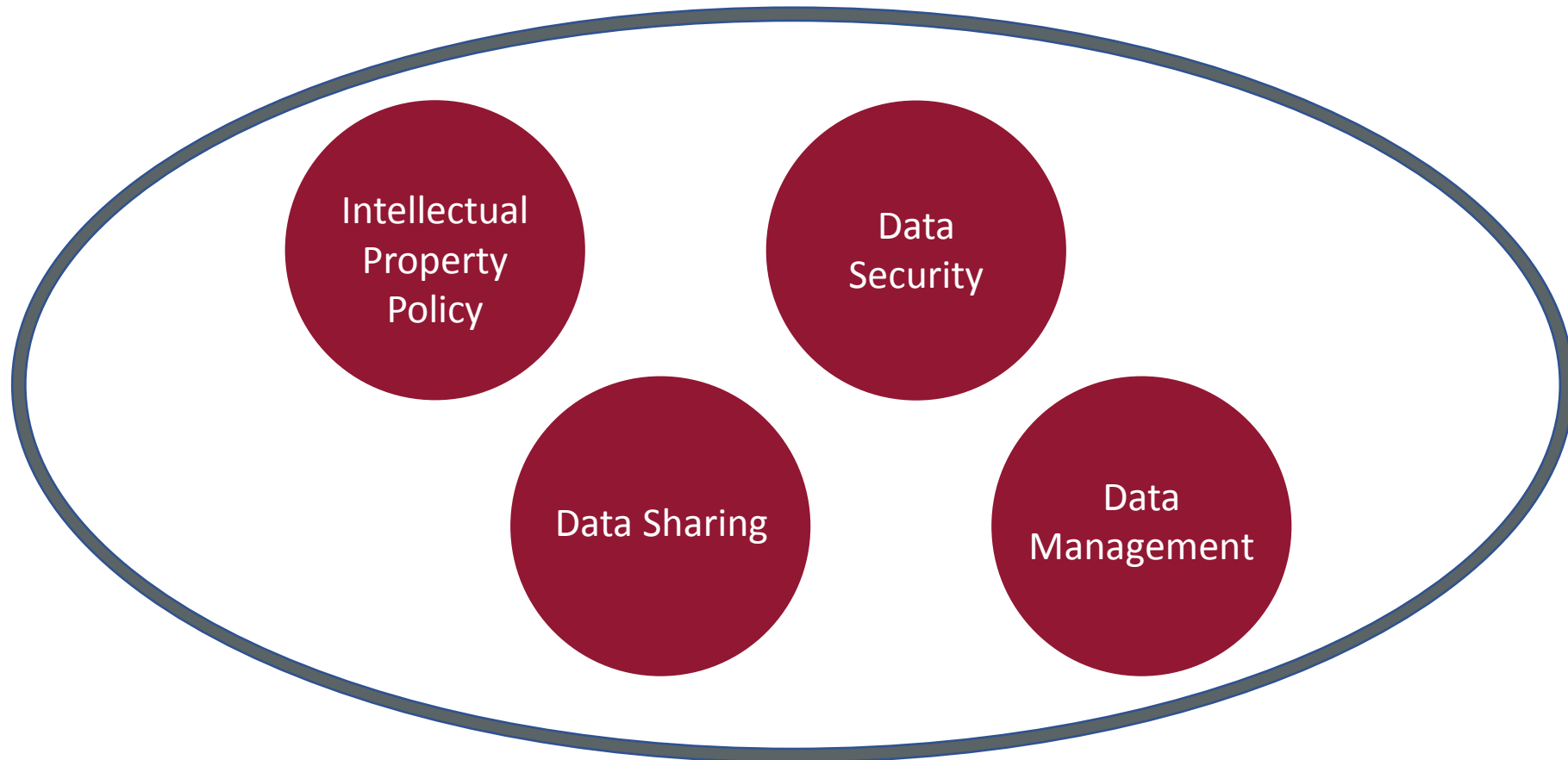


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Recommendations

A comprehensive institutional data policy





Q & A Session

Any questions for me?

