

MAKE THE PLAN

WORK THE PLAN

**Measuring the impact of DMPs
on data management and
data sharing practices**



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1. RESEARCH DESIGN

RESEARCH QUESTIONS

1. Is there a difference between DMPs from awarded and declined grant proposals?

RESEARCH QUESTIONS

1. Is there a difference between DMPs from awarded and declined grant proposals?
2. Does writing a DMP affect researchers' data management and data sharing practices during a grant-funded project?

RESEARCH DESIGN



Analyze 200 awarded and declined DMPs
from Montana State University

RESEARCH DESIGN



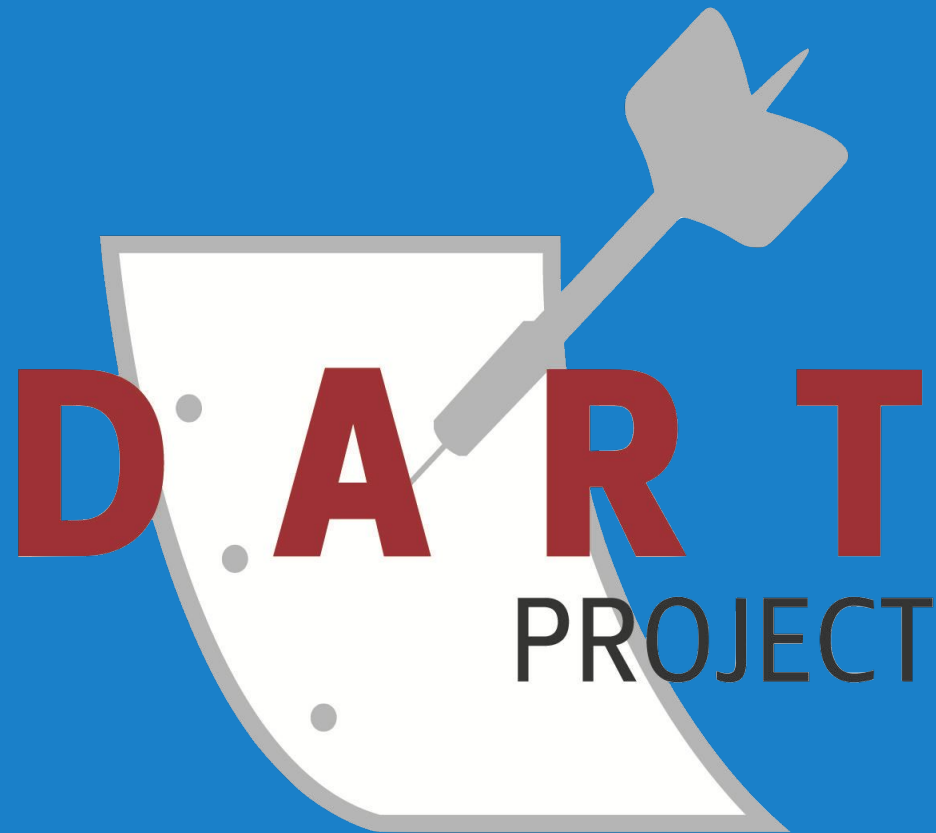
Analyze 200 awarded and declined DMPs from Montana State University



Interview 17 principal investigators at Montana State University about data management practices

2.

DMP DOCUMENT ANALYSIS



<https://osf.io/kh2y6/>

RESEARCH QUESTIONS

1. Is there a difference between DMPs from awarded and declined grant proposals?



=



AWARDED

DECLINED

3.

PI INTERVIEWS

■ INTERVIEW THEMES

Resources used to write the DMP

Use of DMP during project

Data sharing

4.

PRELIMINARY INSIGHTS

JUST GET IT DONE

“

You just copy and paste and add and subtract. I probably didn't write a word of that stuff.

LANGUAGE REUSE

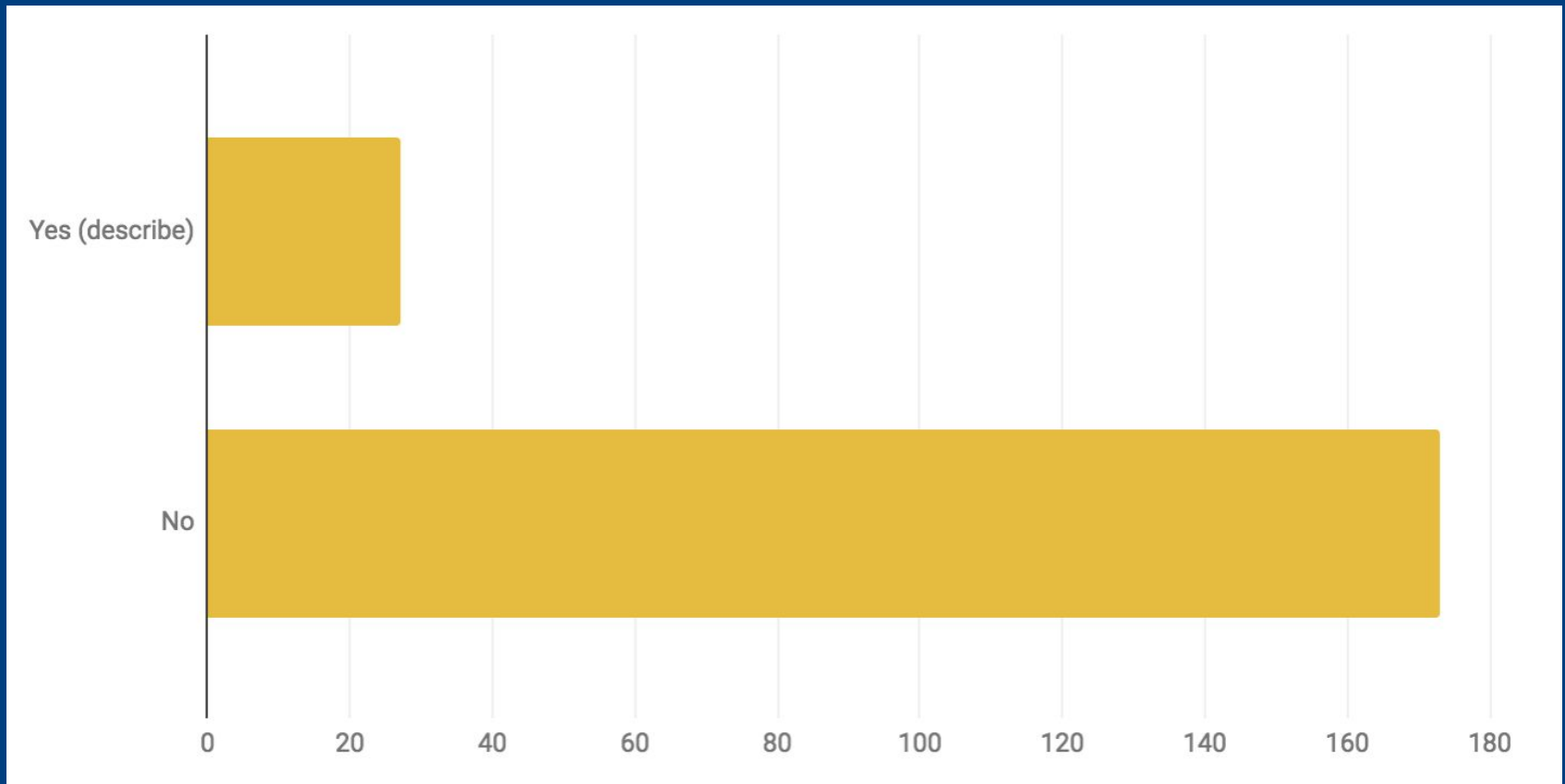




Time spent on DMP ↔ "Good-enough" quality

METADATA

Does the DMP mention a specific metadata standard?



METADATA STANDARDS

Metadata Standard	DMPs
Dublin Core + Highwire Press	17
Readmes, data dictionaries, lab notebooks	4
Dublin Core only	3
Darwin Core	1
ISO 19115 (for geographical information)	1
Minimum Information About a Proteomics Experiment (MIAPE)	1

USEFULNESS

“

The DMP puts fancier words to what we do very informally.

“

Thinking about your data is a useful exercise, because you are going to need to do it at some point.

NEXT STEPS



MORE DATA ANALYSIS

RESOURCES FOR INVESTIGATORS

Everyday data management practices

Metadata guidance

Boilerplate language

Repository of exemplary local DMPs



THANKS!

+ questions

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