Tensions in data sharing and reuse

The perspective of researchers

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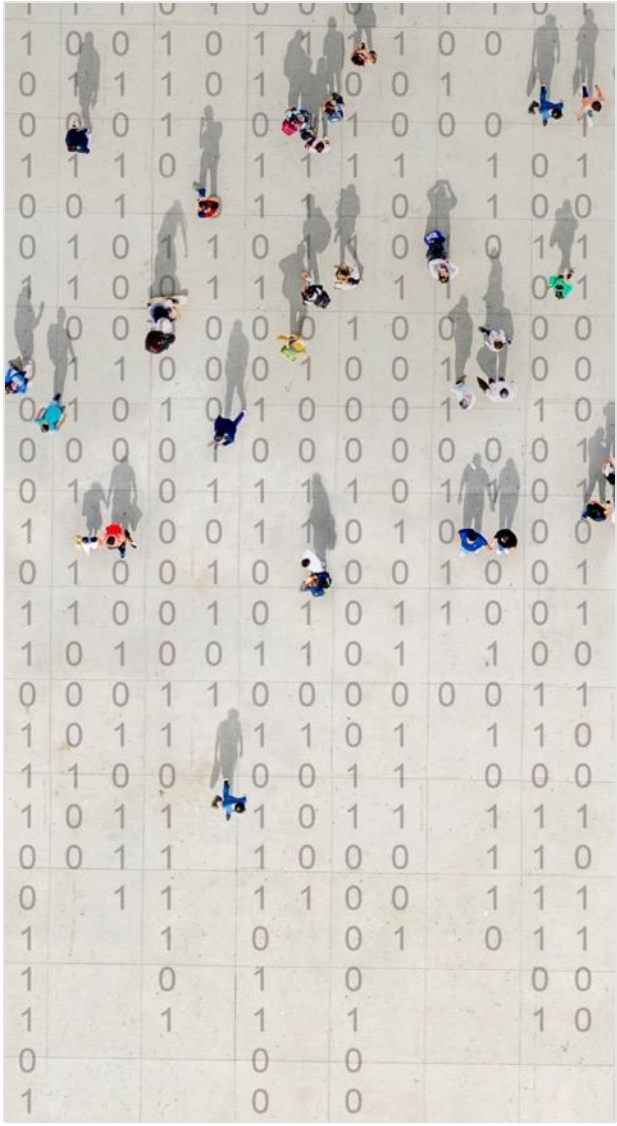


Overlapping practices

4 Tensions

In practice, policy, infrastructure

Accounting for data diversity

New and traditional practices

Balancing practice and policy

Data management is work.

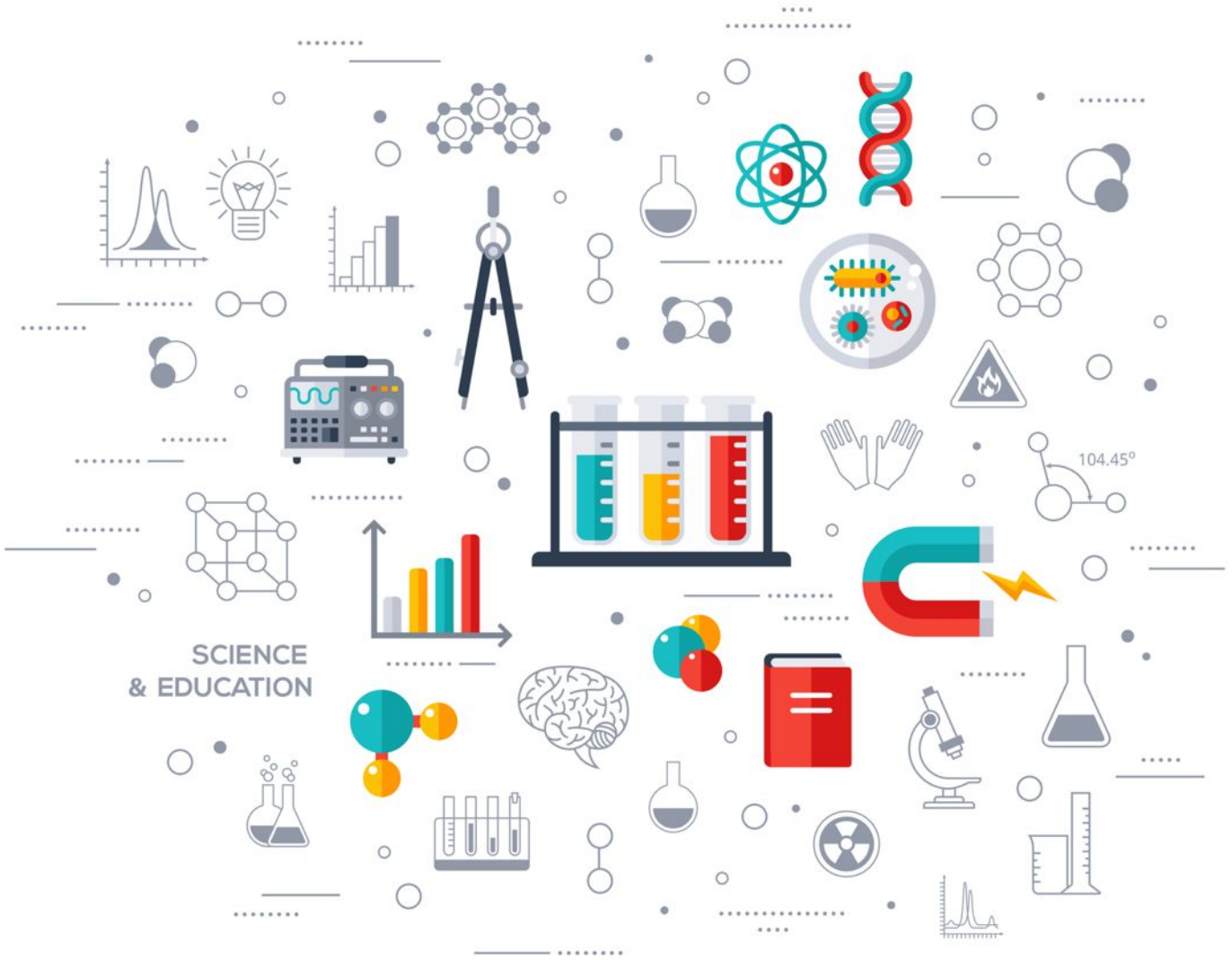
Accounting for data diversity

Tension One

Diversity of (meta)data

One person’s signal is another person’s noise

Data do not stand alone.

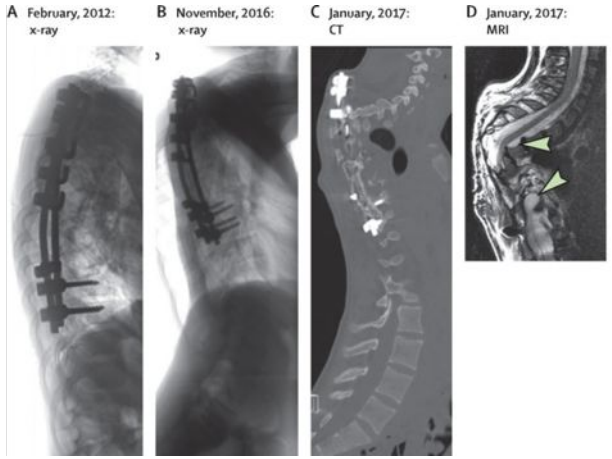


Borgman, C. L. (2015). *Big data, little data, no data: Scholarship in the networked world*. MIT Press.

Beyond disciplines

Diversity within & across disciplines

Belong to multiple ‘data communities’ with own norms



The Lancet Digital Health 2019 1e163-e171DOI: (10.1016/S2589-7500(19)30067-6). CC-BY license.

Gregory, K. (2021). Findable and reusable? Data discovery practices in research. Maastricht University. https://doi.org/10.26481/dis.20210302kg

New and traditional practices

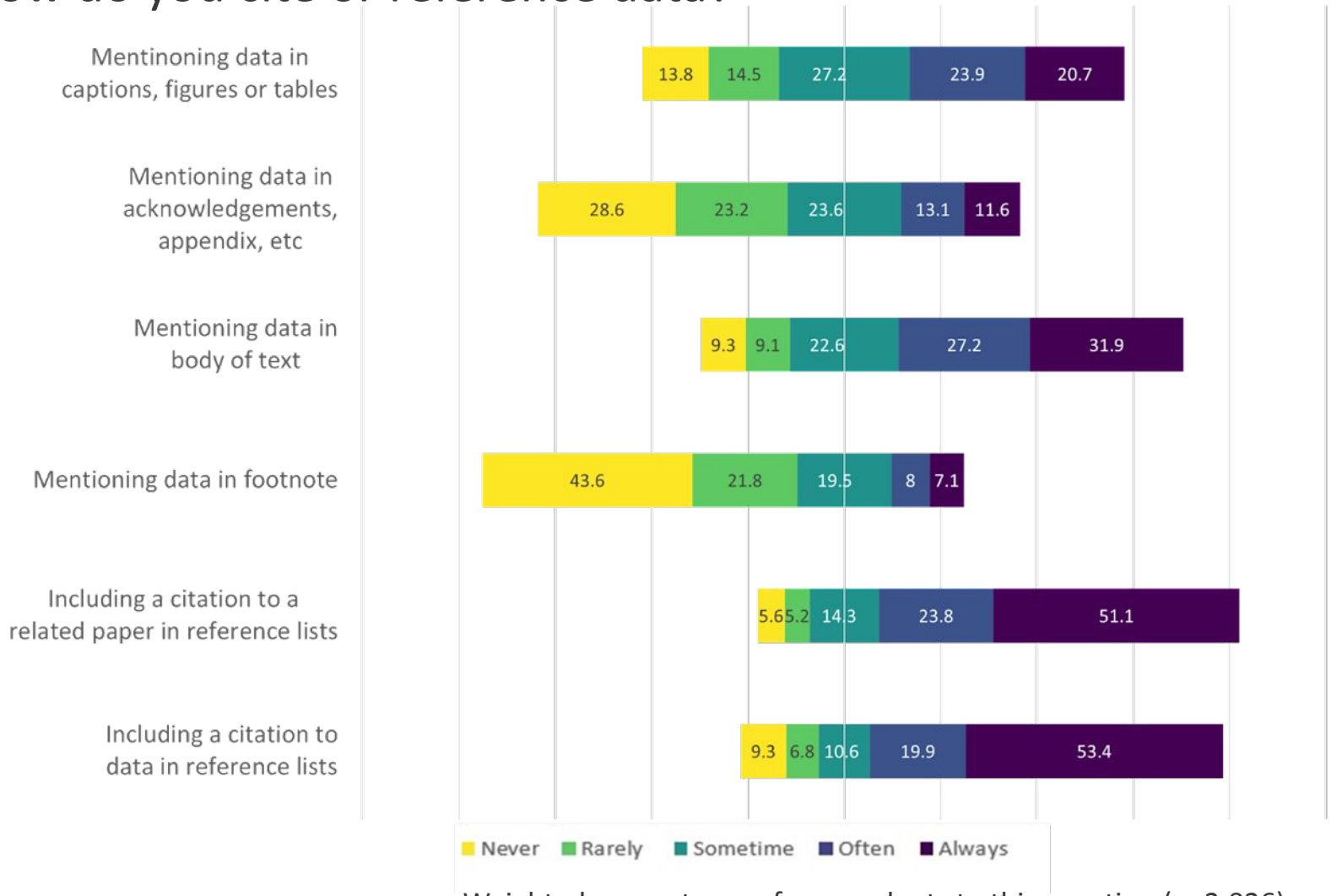
Tension Two

Citing data

Variation in how reference data

Tied to long-standing community practices

How do you cite or reference data?



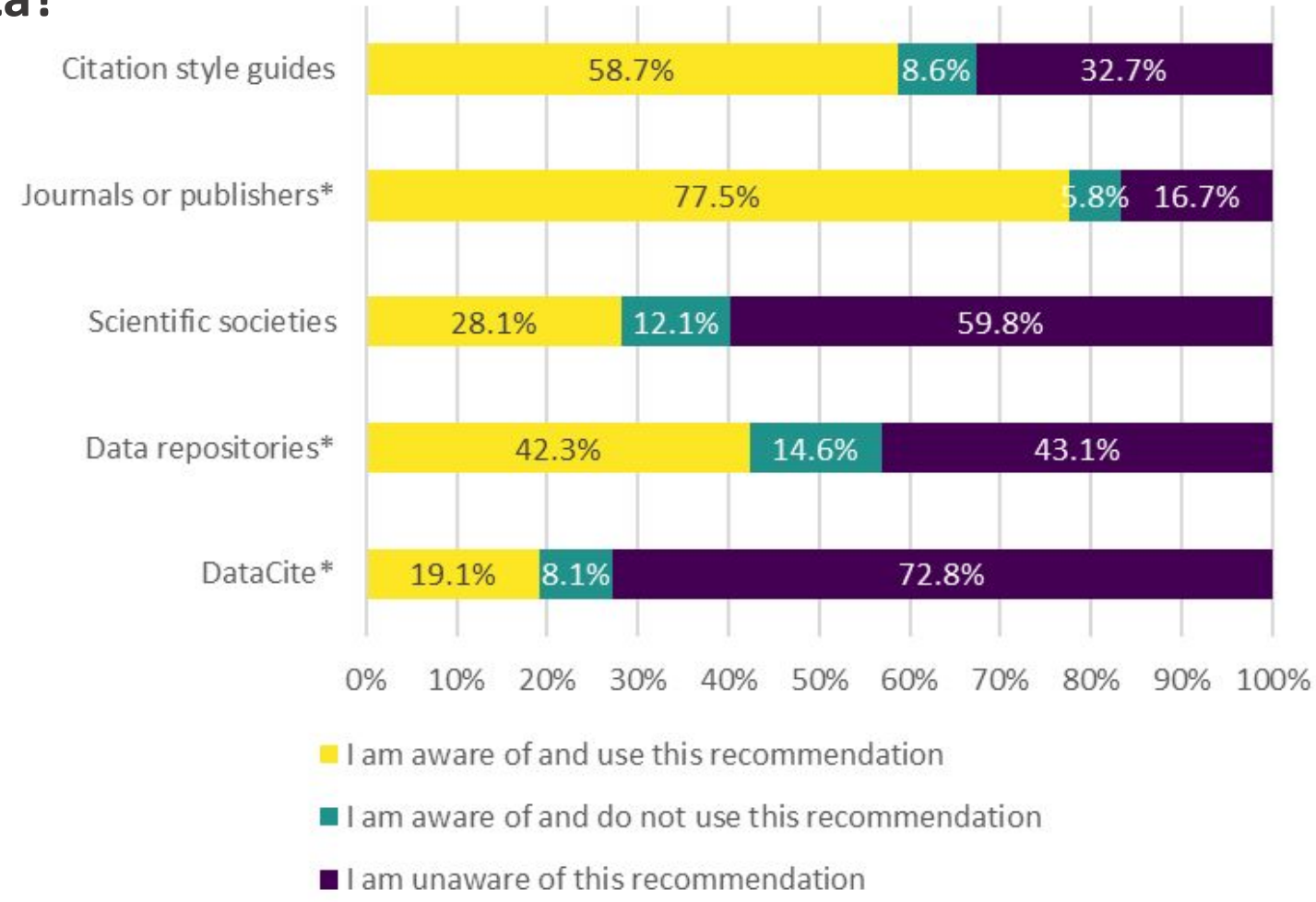
Weighted percentages of respondents to this question (n=2,026)

Gregory, K., Ninkov, A., Ripp, C., Roblin, E., Peters, I., & Haustein, S. (2023). *Tracing data: A survey investigating disciplinary differences in data citation.* Zenodo. https://doi.org/10.5281/zenodo.7555266

Citing data

Challenge of new standards?

Are you aware of & do you use these standards for **citing data?**



Weighted percentages of respondents to this question (n=2,492)

Balancing practice and policy

Tension Three

Practice vs policy

When do we meet researchers where they are?

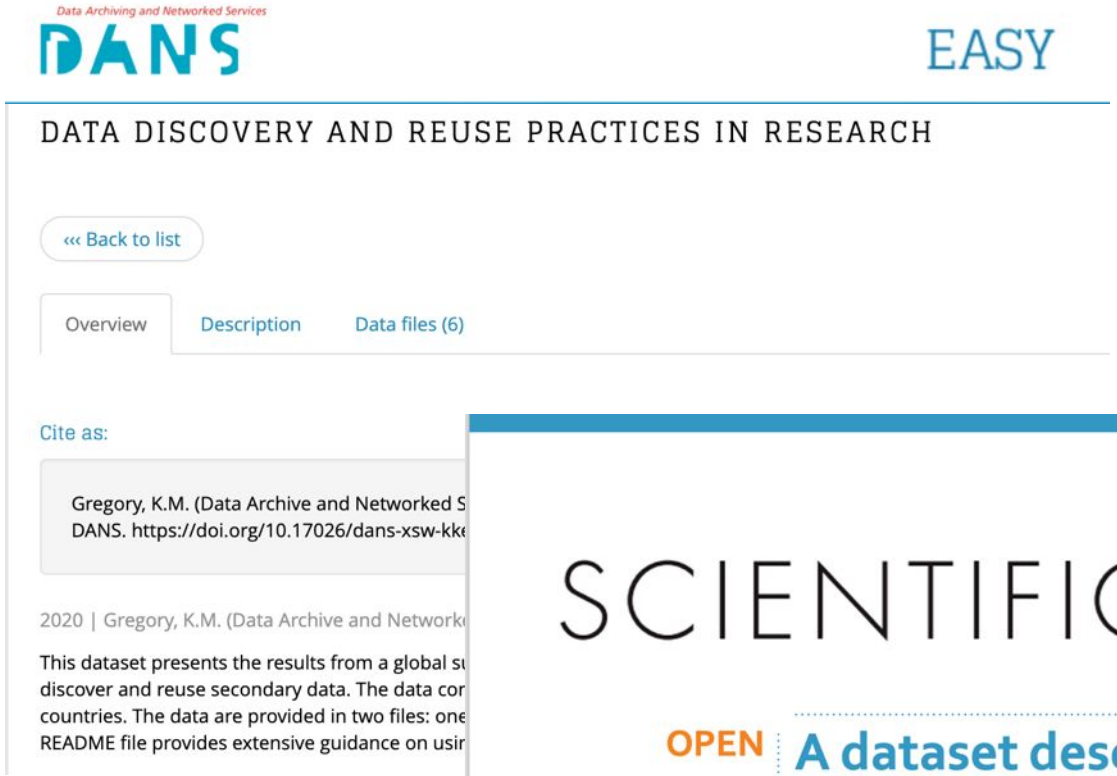
Data management is work.

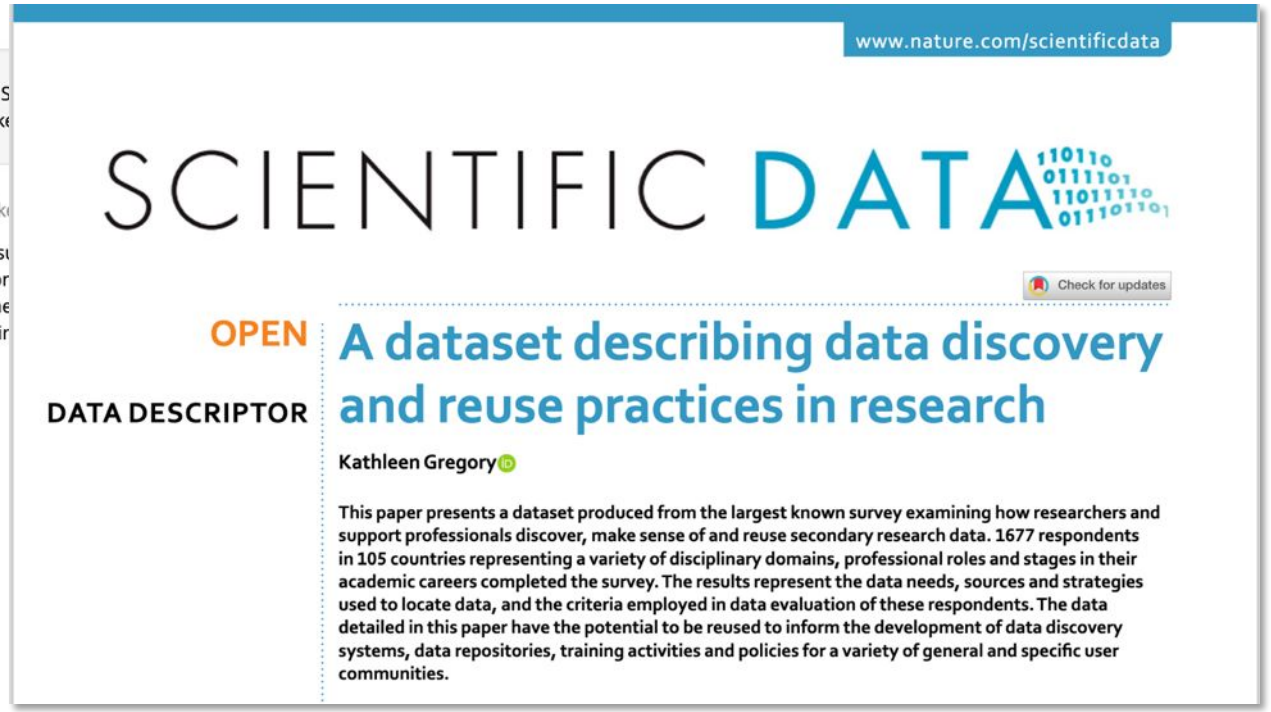
Tension Four

This takes work.

Detailed, iterative work

Duplicative work





Incentives & Rewards

Well, yes…but what about just more time?

If we add to researchers' plates,

what can get taken away?

To recap

4 tensions

Accounting for data diversity

New and traditional practices

Balancing practice and policy

Data management is work.

Thank you.

Questions?

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References

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