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# **Nordic organizational experiences in utilizing open data sources**

Use of Open Research Information Services among Finnish Bibliometrics Experts - A Survey

Anna-Kaisa Hyrkkänen / 22.4.2026 / The 3rd Nordic Bibliometric Infrastructure Spring Meeting

# Finn-ARMA Publication Metrics Network

## Finnish Association of Research Managers and Administrators

Core mission since 2020:

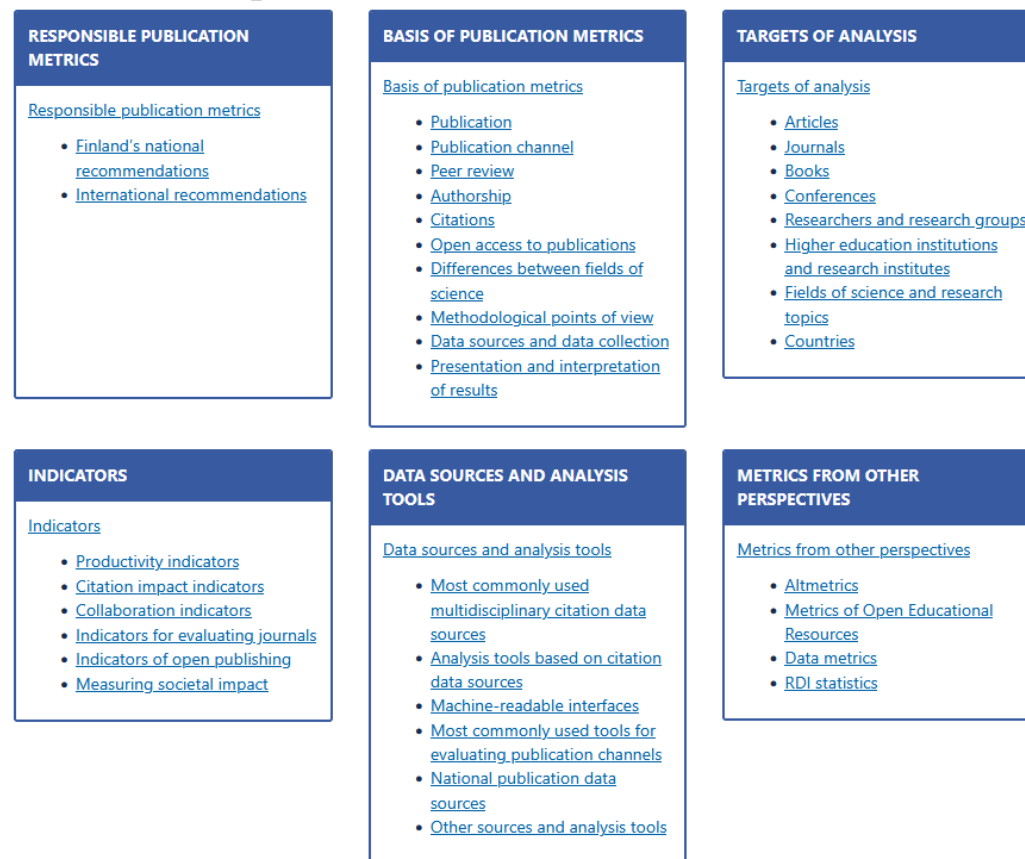
- Promote cooperation
- Exchange information
- Enhance the professional development of its members

The network has ca. 500 members working in 17 thematic groups

## **Thematic group of Publication metrics**

- ~ 90 individual members broadly representing higher education institutions, research institutes, and other research actors in Finland.

## **Finnish national guide to publication metrics**



# Use of Open Research Information Services among Finnish Bibliometrics Experts - A Survey

One of our network's recent discussion topics has been the use of open research information sources and the challenges of adopting them.

- As we know, the use of open research information services and tools is one of the perspectives of responsible research assessment reform.

The purpose of this small-scale survey was to find out:

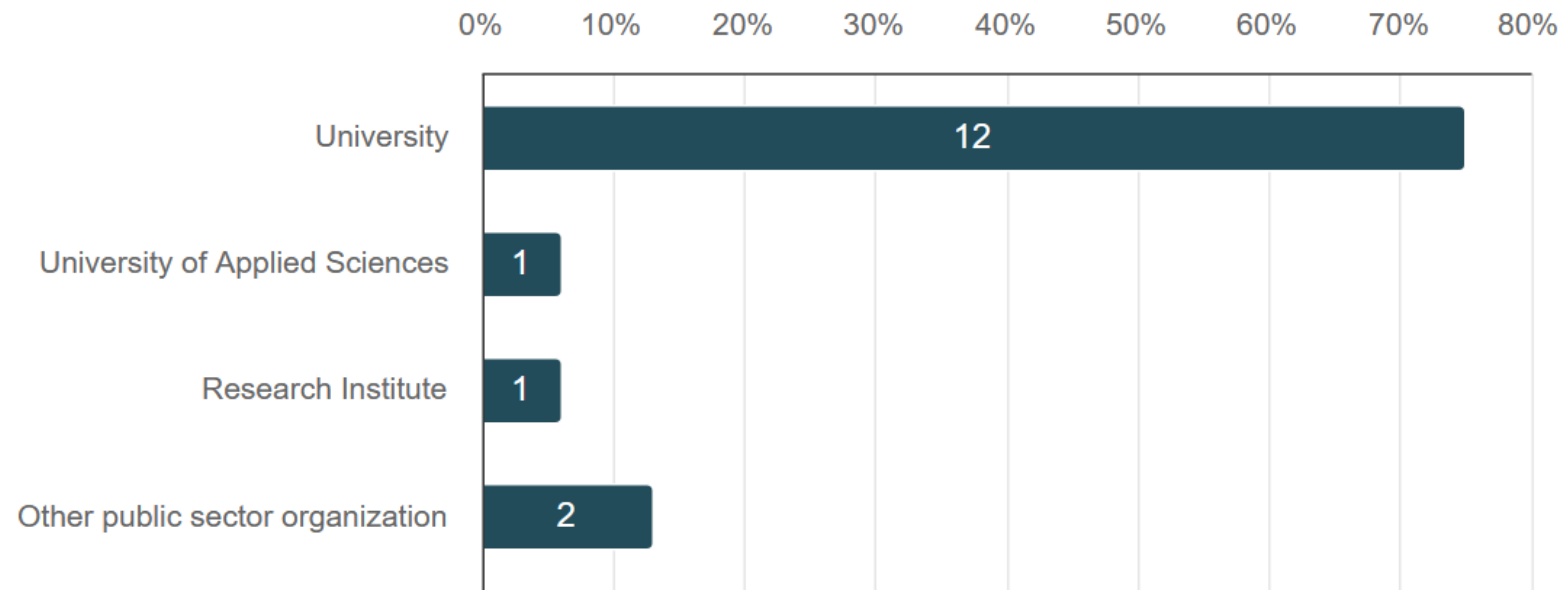
1. Which research information sources are currently used in Finnish research organizations
2. Whether open research services and tools are utilized
3. What potential challenges are related to adopting open sources of research information
4. What kind of support is needed

The survey was intended for members of the Finn-ARMA Publication Metrics Network. Responses were specifically requested from people who, in their work, use publication and research information sources, particularly for conducting research analytics or publication metrics.

**A!**

# Selected Survey Results

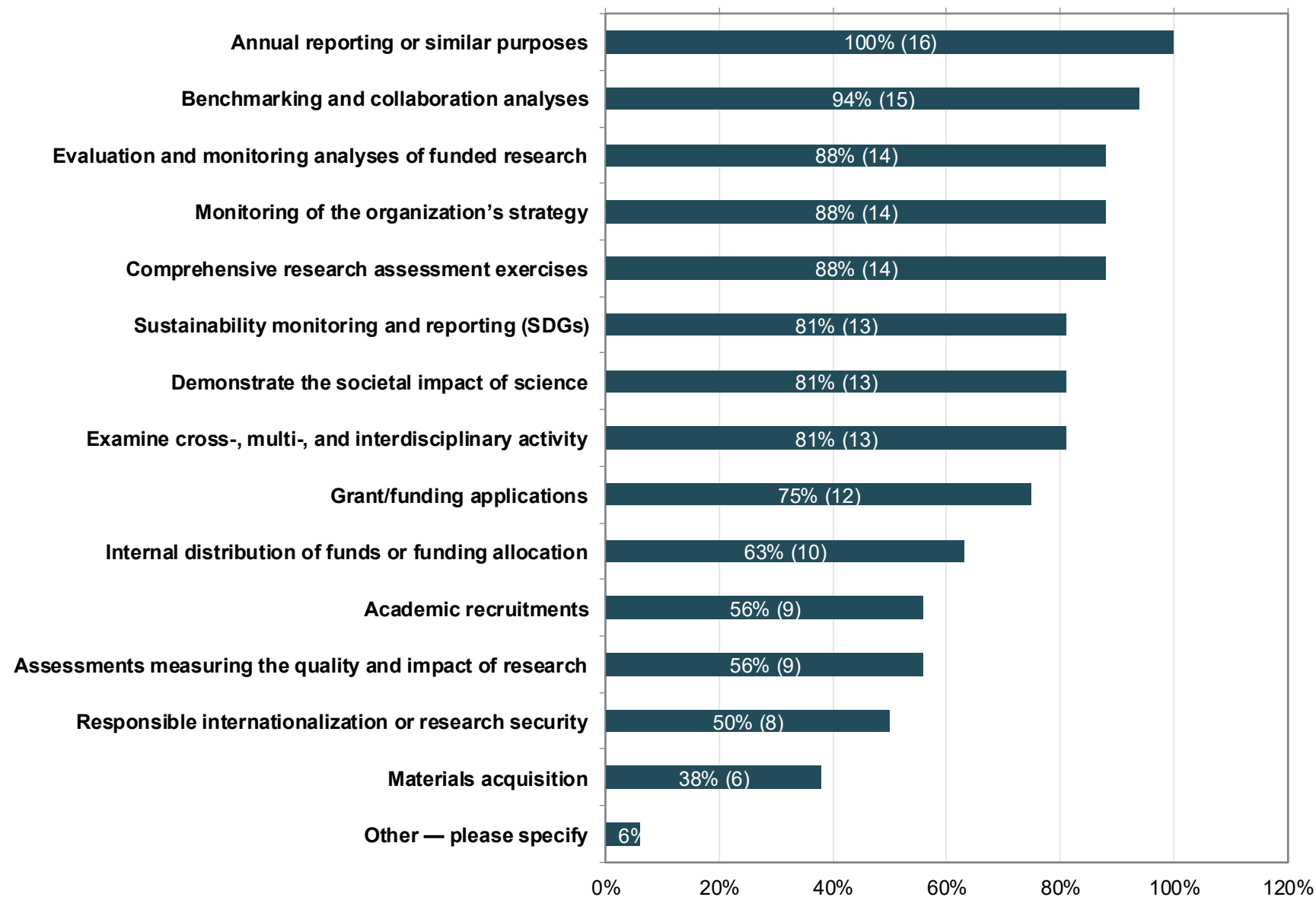
- We received a total of 16 responses
- The original language of the survey was Finnish



# Finnish research organizations analyze the following entities using publication metrics or research analytics:

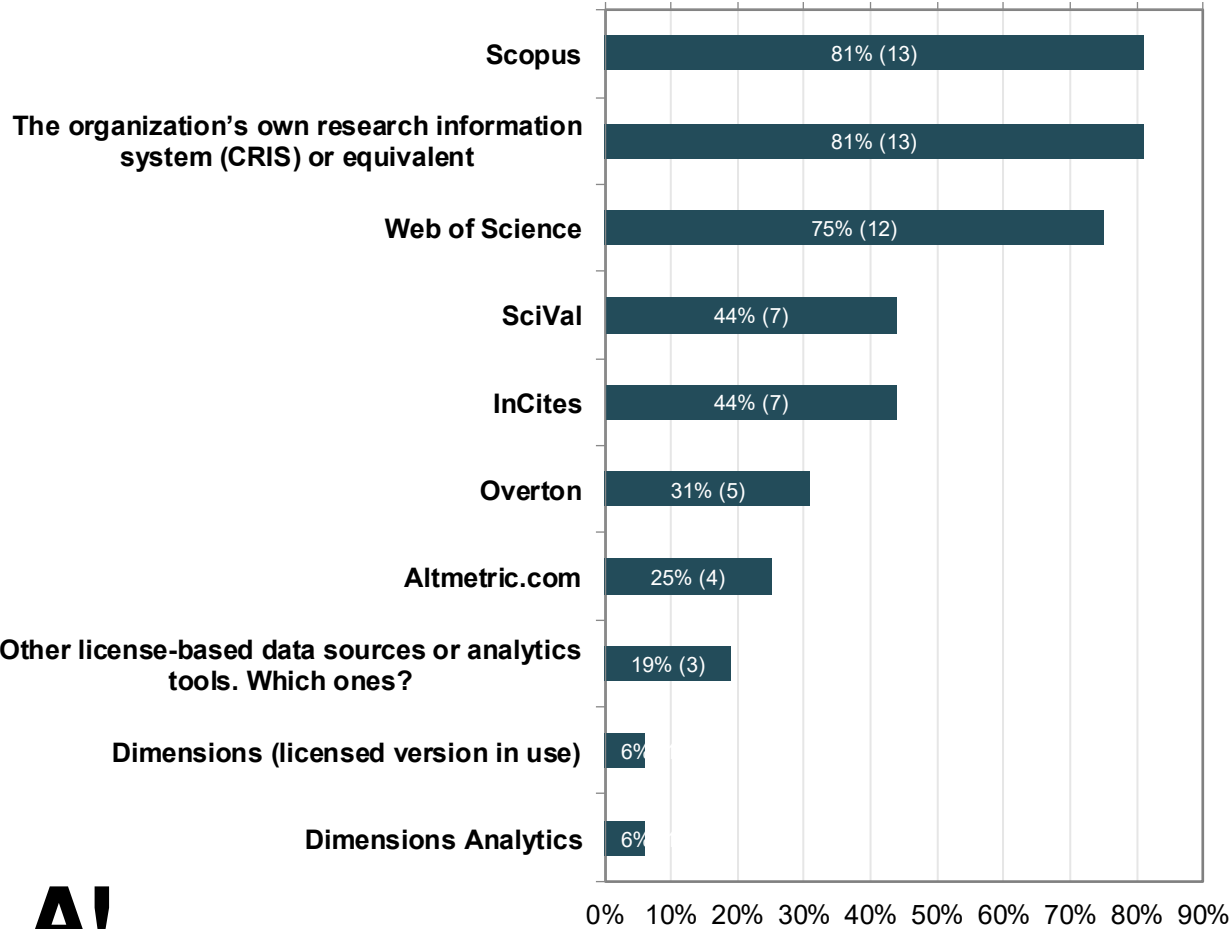


# Finnish research organizations have the following needs for conducting research analytics and publication metrics:

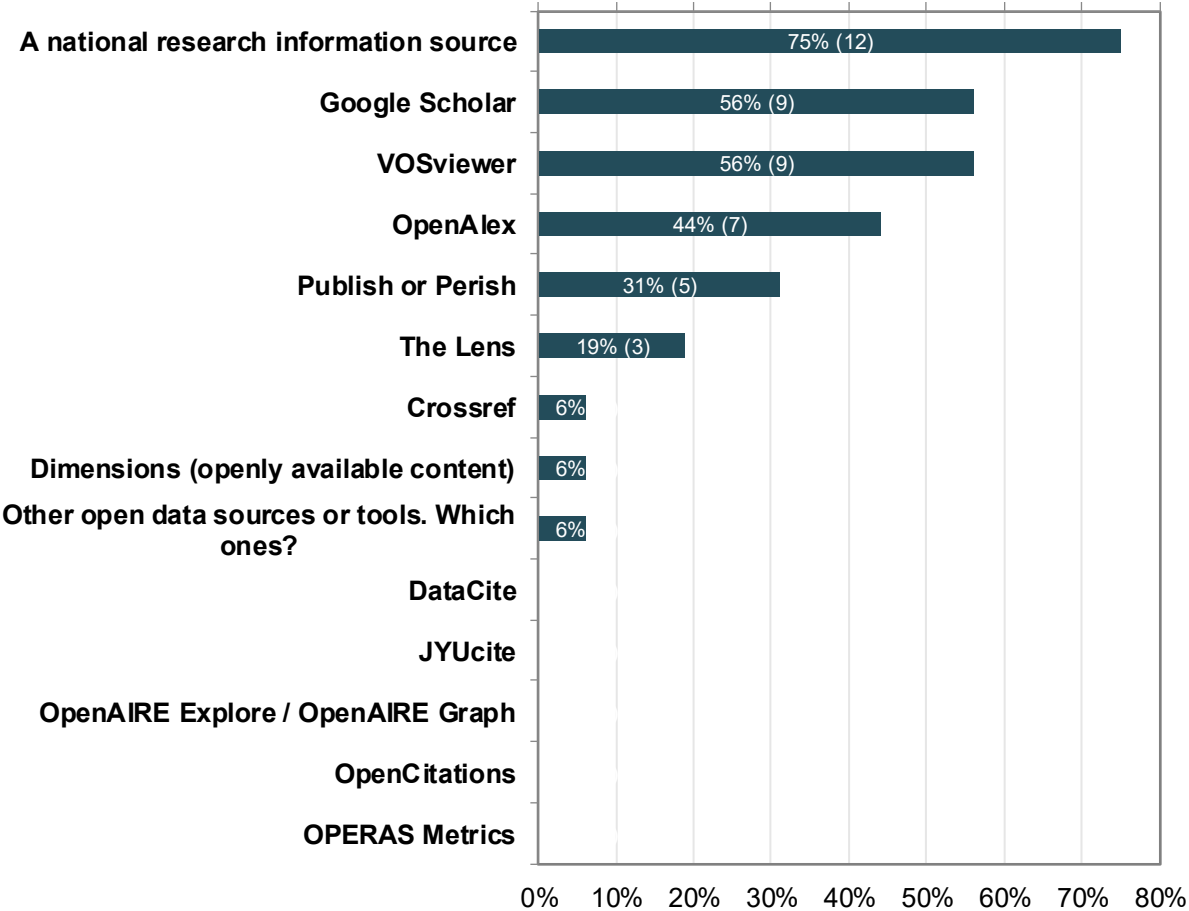


# The following data sources/tools are currently used in Finnish organizations for conducting research analytics

License-based data sources/analytics tools

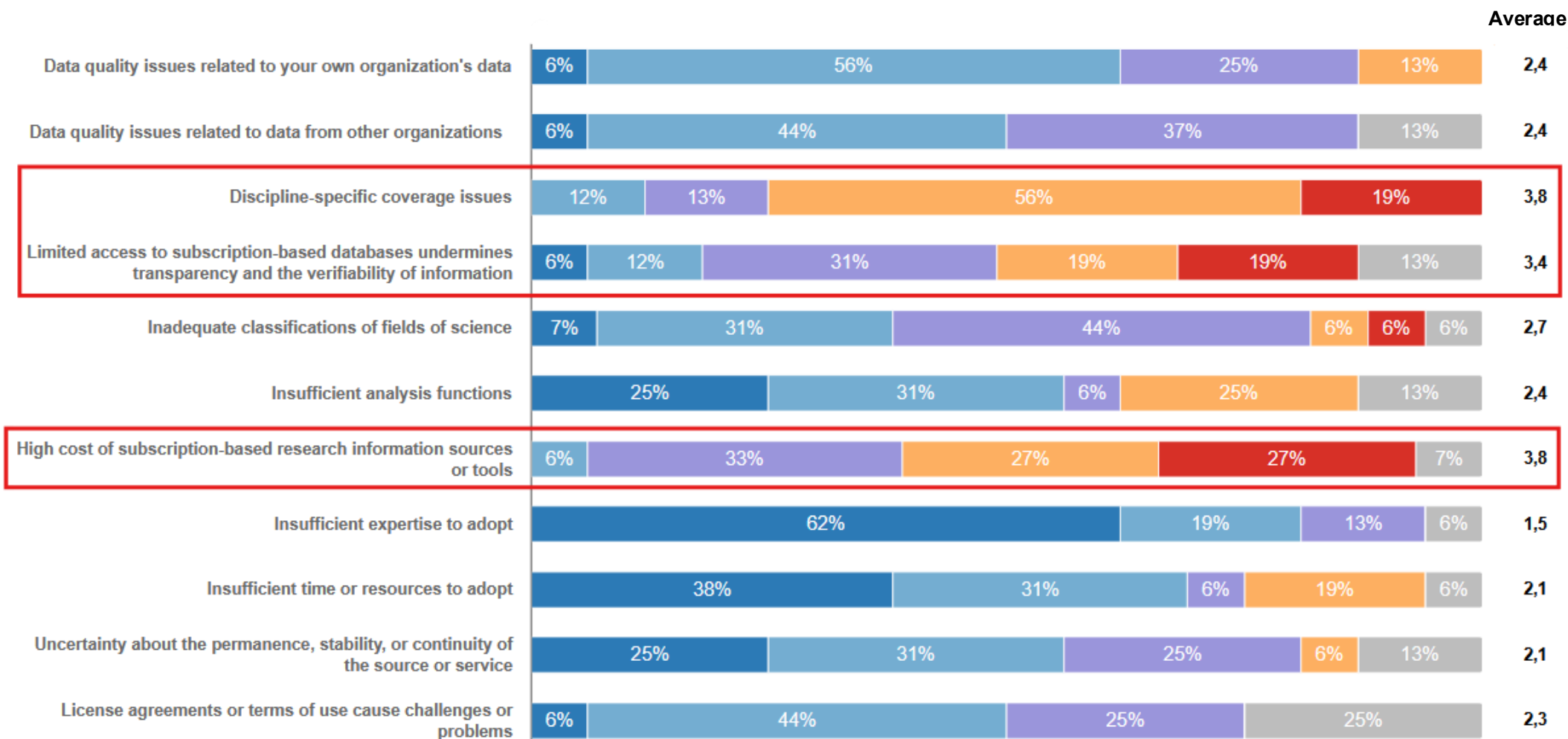


Open, free data sources/tools



# What potential challenges or problems are associated with using subscription-based research information services and tools, and how big of a problem do you think this is?

1 = Not a problem at all    2 = A minor problem    3 = Neutral    4 = A fairly significant problem    5 = A very significant problem    Don't know / No opinion

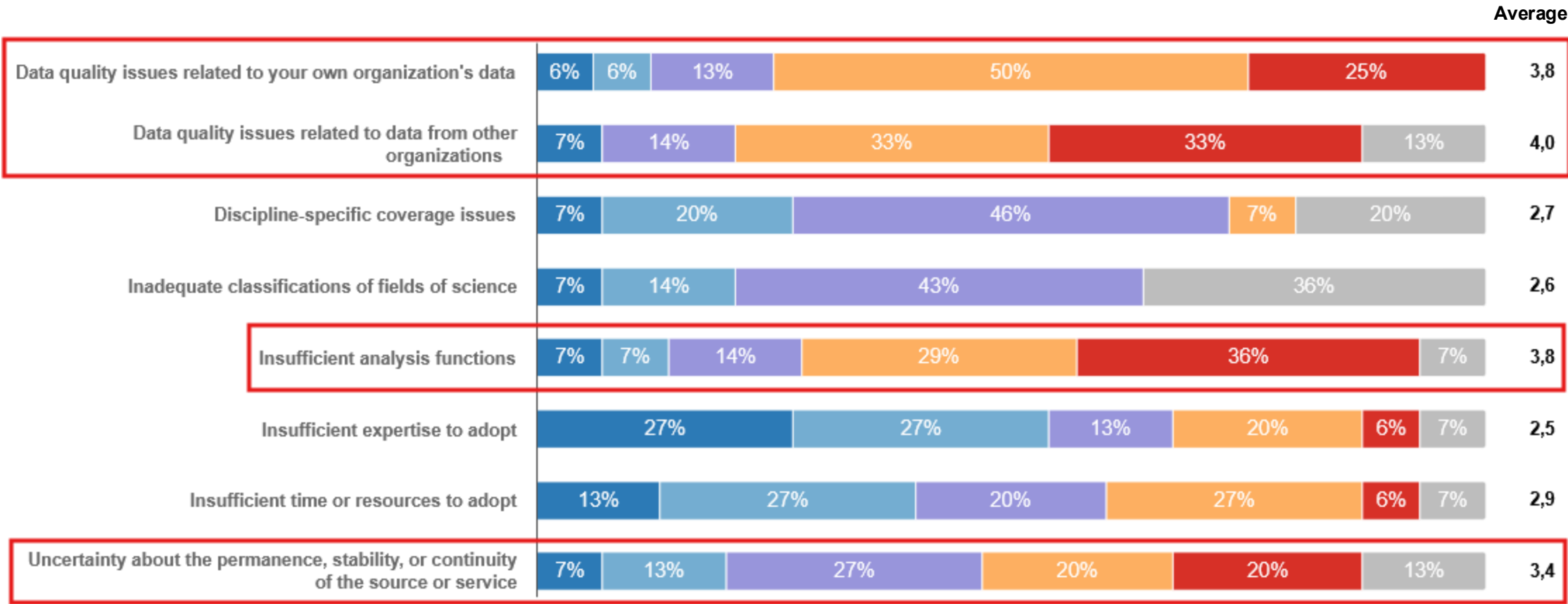


A!

Response option: Don't know / No opinion – excluded from the average

# What potential challenges or problems are associated with using open research information services and tools, and how big of a problem do you think this is?

1 = Not a problem at all    2 = A minor problem    3 = Neutral    4 = A fairly significant problem    5 = A very significant problem    Don't know / No opinion

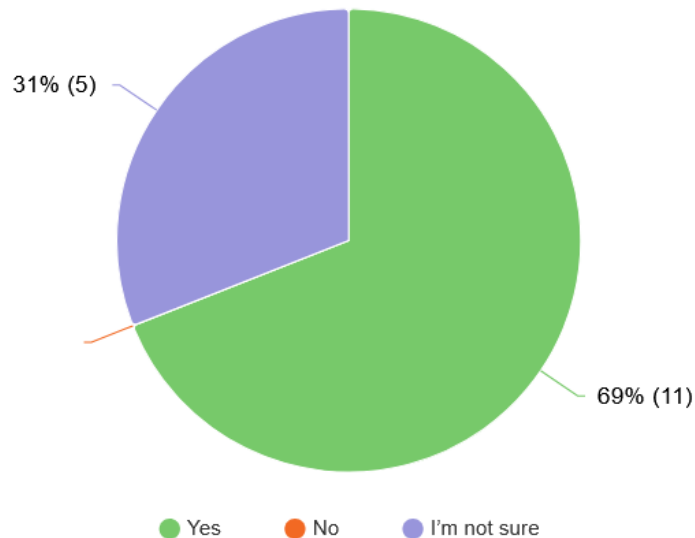


A!

Response option: Don't know / No opinion – excluded from the average

## What is your organization's strategic ambition for adopting open research information sources?

Should your organization increase the use of open research information sources and tools in the future?



*"Encouraging"*

*"There is no strong common will"*

*"We have signed the Barcelona Declaration. We strive to promote the use and financially support open data sources (e.g., OpenCitations)"*

*"The general strategy in our organization directs our activities toward openness. There is no actual jointly agreed strategic intent specifically about the adoption of open research information sources. Their broad adoption is in practice not possible at the moment because of the quality of the databases' data and the scantiness of analysis functions."*

*"Open services will certainly be adopted when they are mature enough for the needs of our own organization. Openness is not an intrinsic value when procuring tools. Other things weigh more in the balance when making a procurement decision, such as how the service suits the intended use."*

*"OpenAlex data is wanted, where possible, to be used to complement/support current WoS-based analyses and Tiede ja tutkimus data."*

*"I think that we should also, through our own actions, promote the quality of open citation data. For example, by requiring open citation data in license agreements and also, when we act in the role of publisher, by promoting e.g. the use of DOIs in reference lists to ensure correct linking of the data"*

**A!**

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# What factors would make it easier for your organization to use open research information sources and tools?

1. **Guidance, training, and community support (8 mentions):** clear guidelines and examples for using APIs; training, guidance, and peer support; national workshops; piloting and benchmarking; general awareness-raising and better familiarity with the tools.
2. **Usability, Easy-to-use, ready-made analytics tools (5 mentions):** tools for open data that produce more out-of-the-box analytics; versatile analysis functions; ready-made analysis modules, including as paid add-ons.
3. **Data quality, coverage, and comparability (4 mentions):** Need for higher quality, curated open data with better coverage, reliability, usability, consistency, and ease of correction. Identification of gaps and systematic improvements. Global-level comparability is essential for international benchmarking

*“Guidance/instructions and support (or peer support) for using the tools”*

*“Clear instructions and examples for using the API”*

*“Improving API skills / training related to the topic”*

*“A tool (even paid) that utilizes open data and would produce more ready-made analytics”*

*“The possibility to build one’s own datasets and tailor tools to one’s own needs”*

*“My view is that as long as the user interfaces are not sufficiently clear and, on the other hand, versatile, the use of open research information sources will not become more widespread.”*

*“Increased coverage and reliability of the data, easier correctability”*

*“Increased research analytics resources and a more organized analytics function.”*

*“Pressure coming from the scholarly community?”*

**A!**