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Findings from the euroCRIS/OCLC Research Survey of Research Information Management Practices

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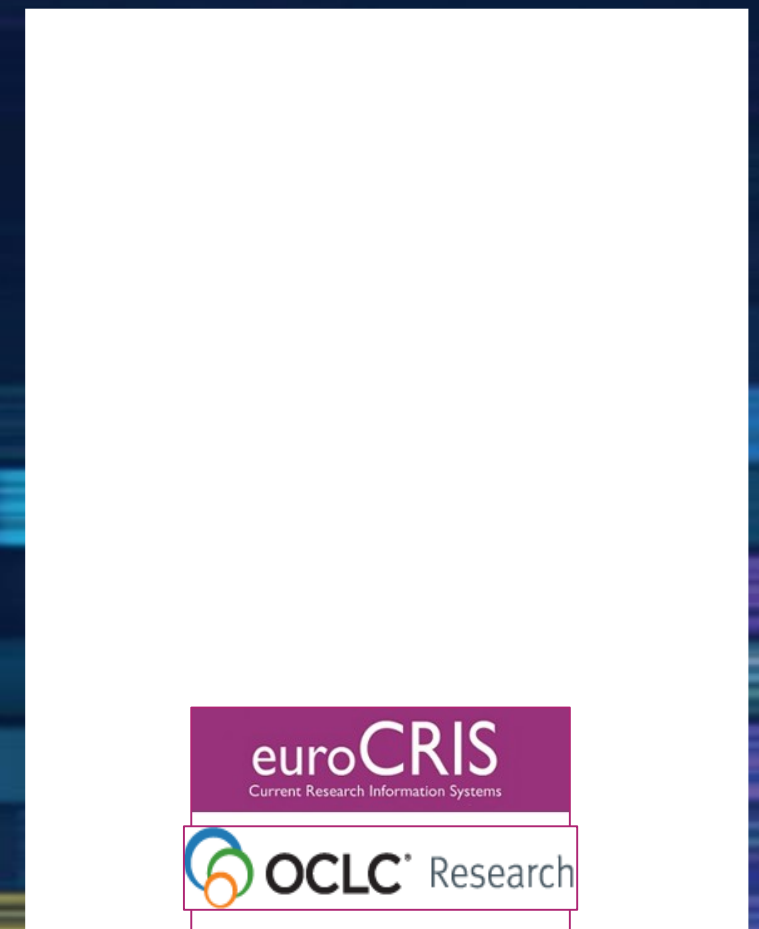
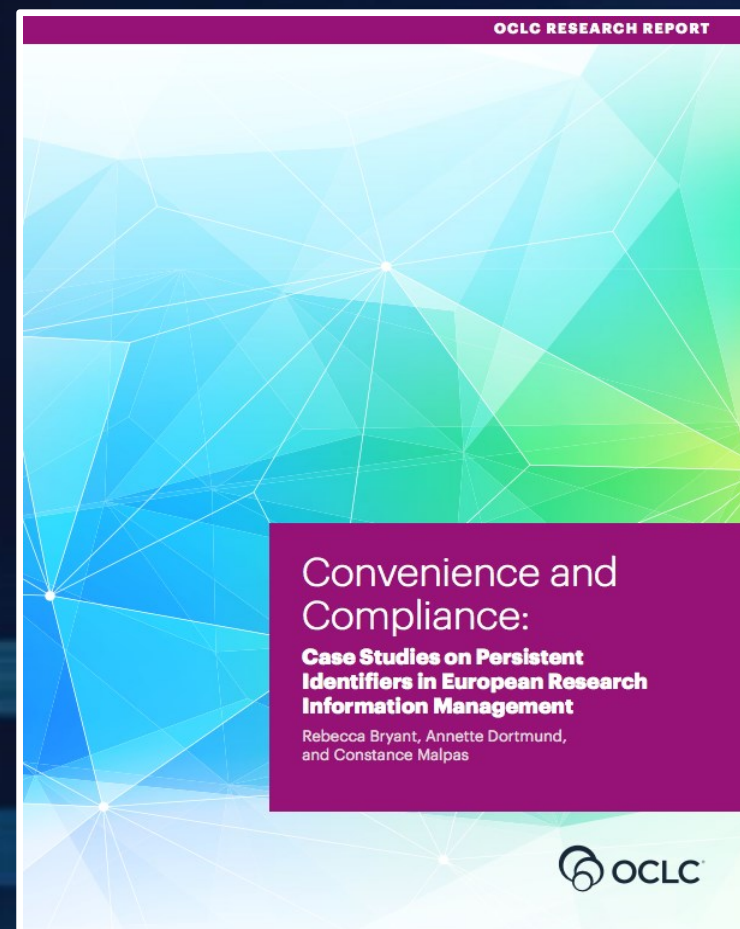
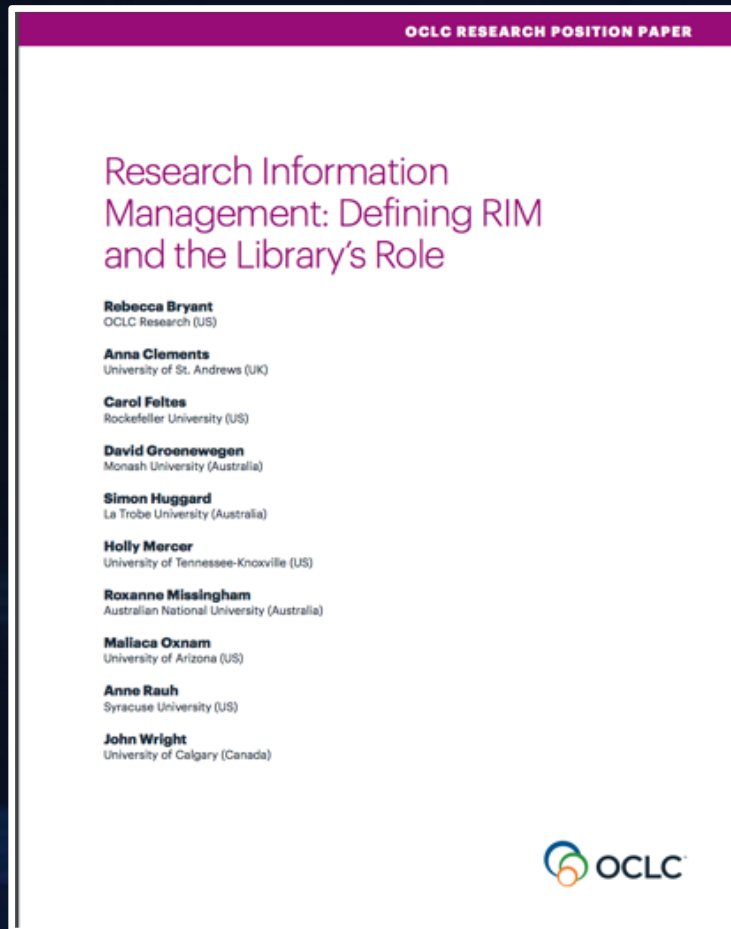
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Today's talk

- Introducing OCLC Research, euroCRIS and their collaboration
- Discuss joint Survey of Research Information Management Practice: goals, scope, aims
- Share and discuss survey results and findings

- Devoted to challenges facing **libraries and archives since 1978**
- Community resource for **shared Research and Development (R&D)**
- Engagement with OCLC members and the community around **shared concerns**
- **Learn more**
 - oclc.org/research
 - [Hangingtogether.org](https://hangingtogether.org) blog

OCLC Research publications on Research Information Management



An international not-for-profit association founded in 2002 to bring together experts on research information in general and research information systems (CRIS) in particular



Survey of Research Information Management Practices

- Joint project between



- Report to be published in November 2018

Rebecca Bryant, PI, OCLC Research

Pablo de Castro, Strathclyde University and euroCRIS

Anna Clements, University of St. Andrews and euroCRIS

Annette Dortmund, OCLC EMEA

Jan Fransen, University of Minnesota, Twin Cities

Muhammed Javed, Cornell University

Constance Malpas, OCLC Research

Michele Mennielli, DuraSpace and euroCRIS

Maliaca Oxnam, University of Arizona

Rachael Samberg, University of California-Berkeley

Julie Speer, Virginia Tech

Plus a number of valuable collaborators at OCLC

Results we'll be talking about

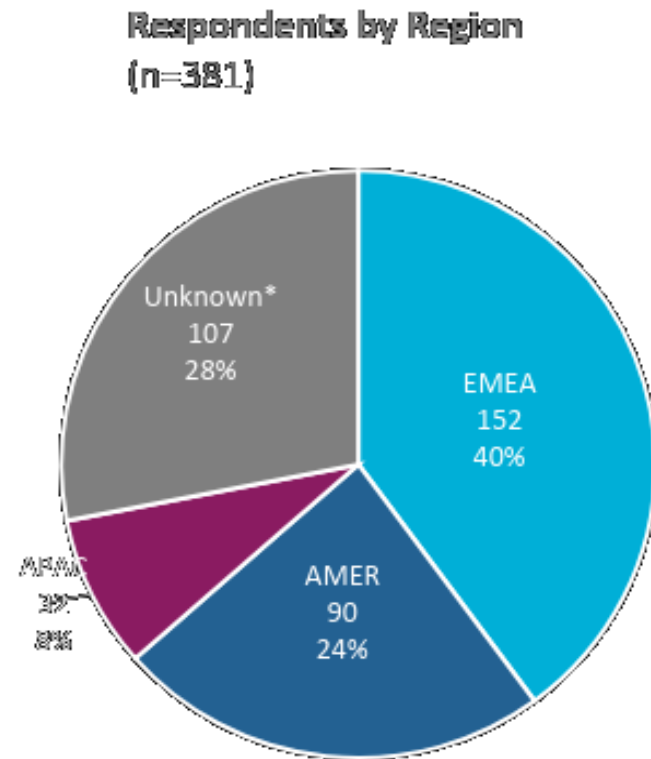
- Incentives for RIM Adoption
- Functions/Uses of RIM
- Interoperability
- RIM Stakeholders
- Use of Persistent Identifiers

Methodology & promotion

- Online survey data collection: Oct 2017 – Jan 2018
 - English and Spanish versions
- Survey promotion through:
 - OCLC and euroCRIS communications channels and events worldwide
 - Communications by CRIS vendors and user communities
 - Listservs, social media, and announcements to research & library organizations

RIM Survey responses: geographic overview

respondents from 44 countries

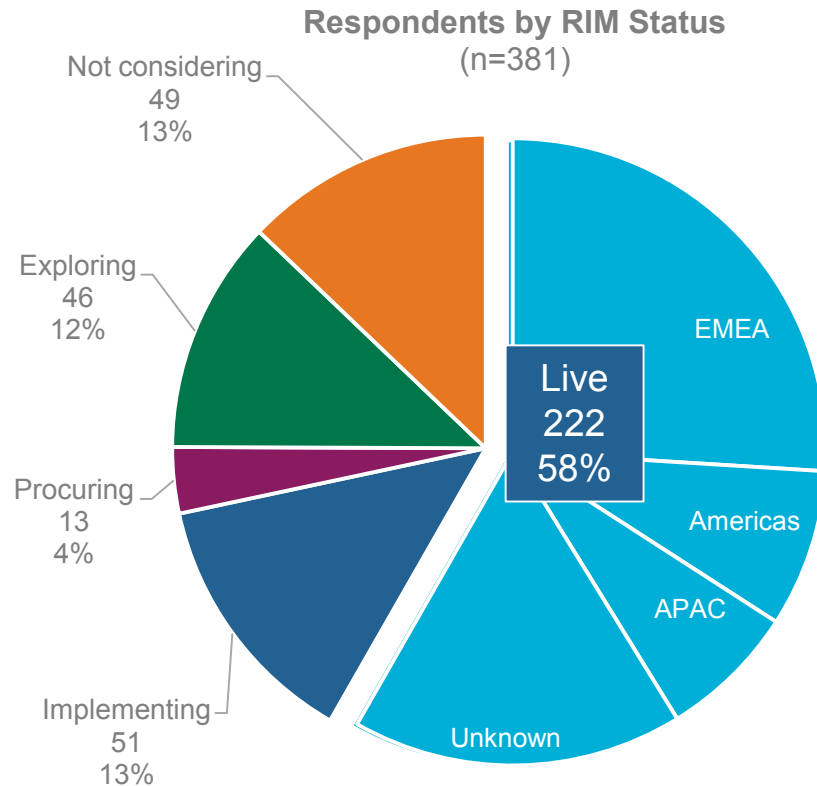


Country	# Resp.	Country	# Resp.
United Kingdom	39 (10%)	Canada	4 (1%)
United States	39 (10%)	South Africa	4 (1%)
Peru	39 (10%)	Andorra	3 (1%)
Italy	28 (7%)	Colombia	3 (1%)
Australia	24 (6%)	Finland	3 (1%)
Germany	14 (4%)	India	3 (1%)
Netherlands	10 (3%)	Japan	3 (1%)
Portugal	7 (2%)	Austria	2 (0.5%)
Poland	6 (2%)	Bahrain	2 (0.5%)
Spain	6 (2%)	China	2 (0.5%)
Belgium	5 (2%)	Denmark	2 (0.5%)
Ireland	5 (2%)	New Zealand	2 (0.5%)

1 respondent from each of the following countries: Afghanistan, Albania, Azerbaijan, Barbados, Belize, Brazil, Hungary, Lebanon, Mexico, Namibia, Russia, Saudi Arabia, Slovakia, Sri Lanka, Sweden, Trinidad and Tobago, Turkey, Uganda, United Arab Emirates and Uruguay

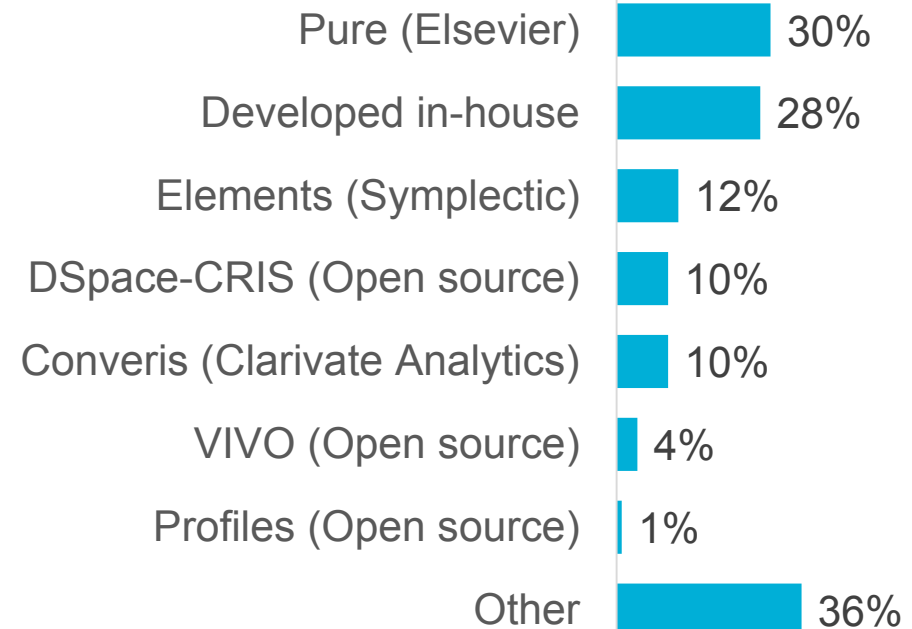
Research Information Management Systems

Well over half (58%) have a live RIM System



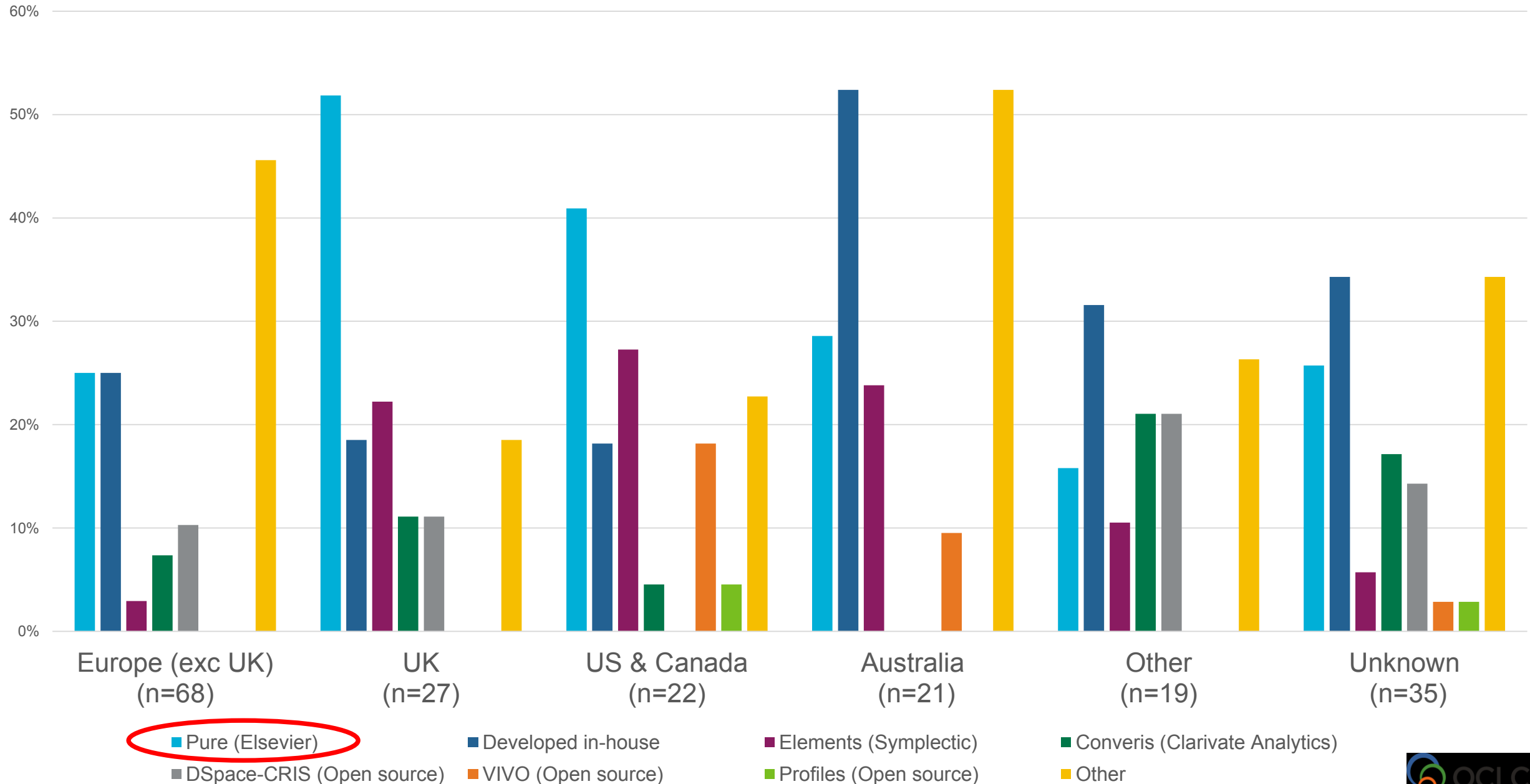
Live RIM Systems (n=193)*

Base: Institutions with a live RIM

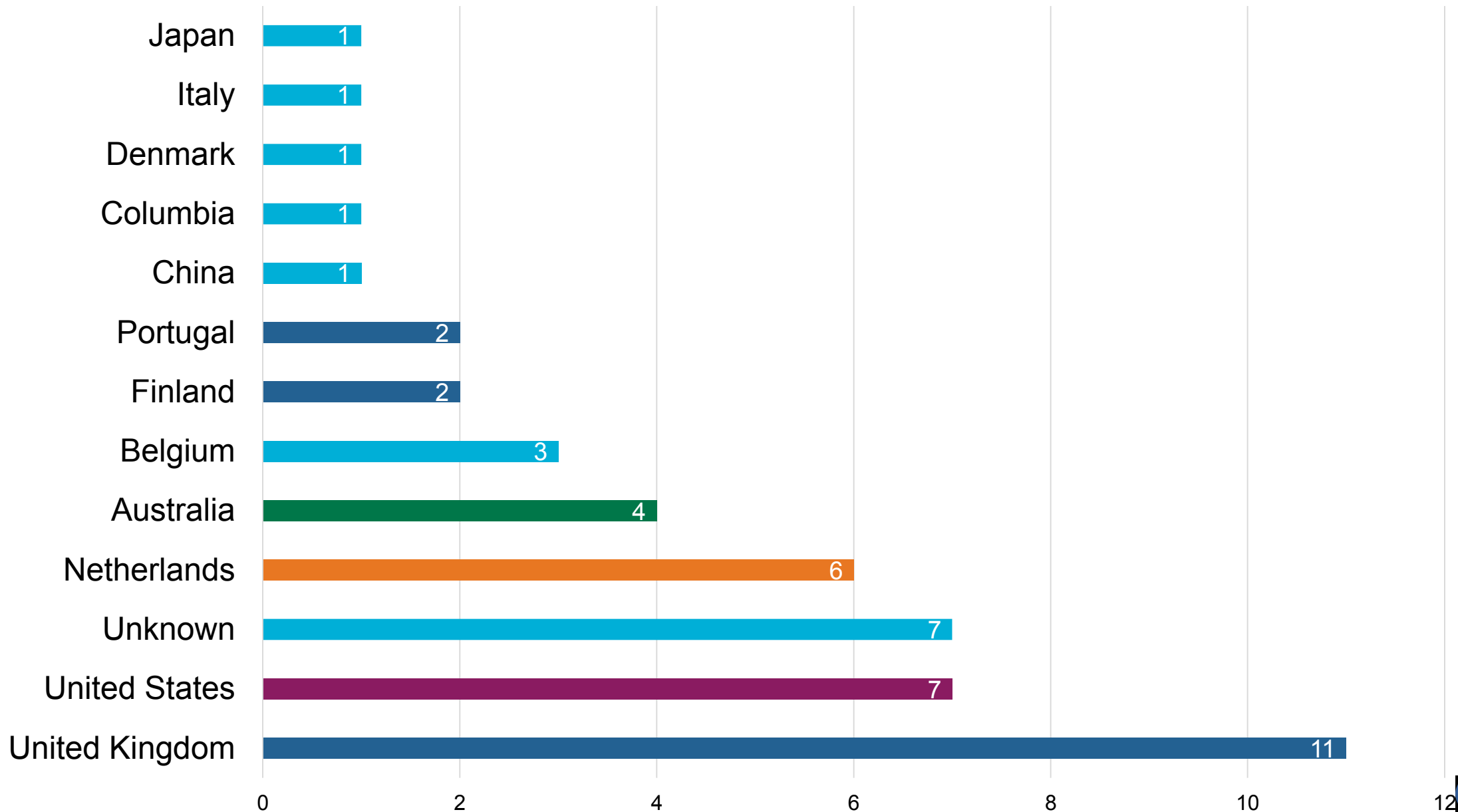


*Note: 29 respondents did not provide their RIM system

Live RIM Systems in Use by Geography



Live implementations of Pure, by country (n=47)



INCENTIVES FOR RIM ADOPTION

1. Please indicate the importance of the following reasons for pursuing research information management (RIM) activities.*

[Using a scale of Extremely Important – Important – Somewhat Important – Not Important – N/A or Not Sure]

- Managing annual academic activity reporting
- Supporting expertise discovery
- Supporting institutional compliance (e.g., funder mandates, national assessment exercise like REF or ERA, etc.)
- Supporting institutional reputation and strategic decision making
- Improving services for researchers
- Recording institutional research facilities and their use

Reporting and compliance drive RIM adoption

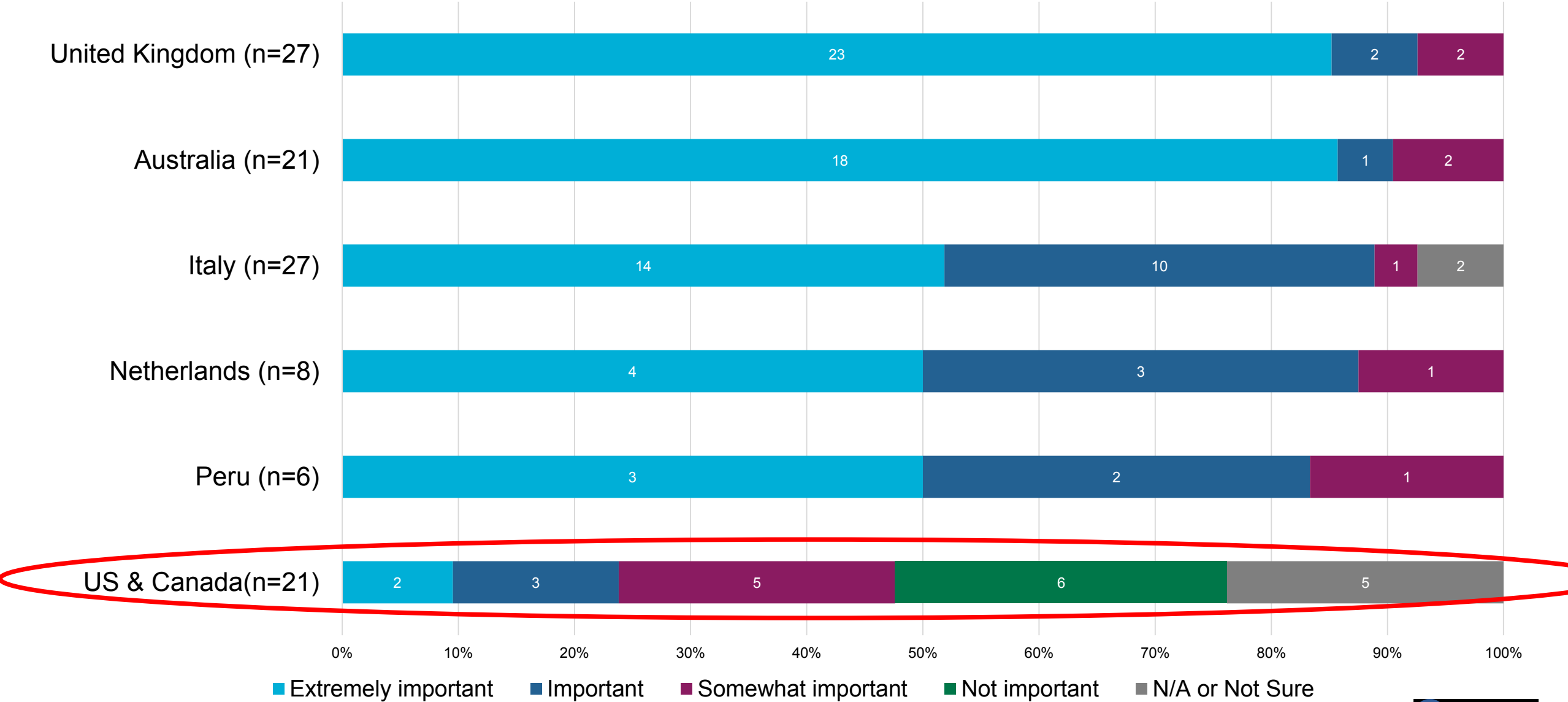
Importance of Reasons for Pursuing RIM Activities (n=222)

Base: Institutions with a live RIM



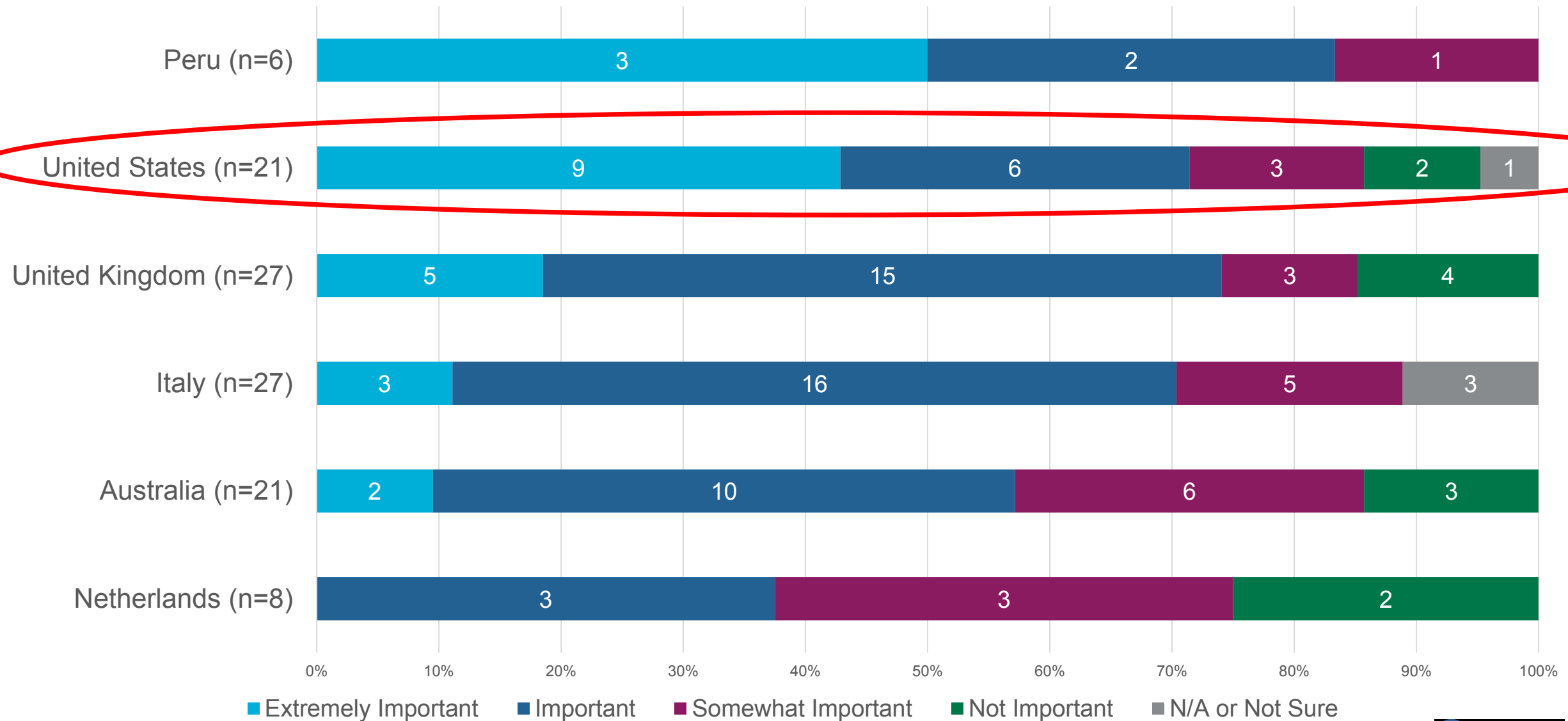
Importance of External Research Assessment Workflows

Base: institutions with a live RIM system



Importance of Supporting Expertise Discovery

Base: Institutions with a Live RIM System



Summary: Incentives for Adoption

- US is an outlier
 - No national compliance requirements
 - Early emphasis on Research **Networking** Systems (e.g., Harvard Profiles)
- Action for the next survey
 - Different platforms emphasize different capabilities, so...
 - Increase promotion to Profiles RNS and VIVO communities
- Research Question for the next survey
 - Will incentives for new adopters of RIM shift away from compliance and toward expertise discovery?
 - Most institutions with reporting mandates will have already implemented RIM

RIM functions

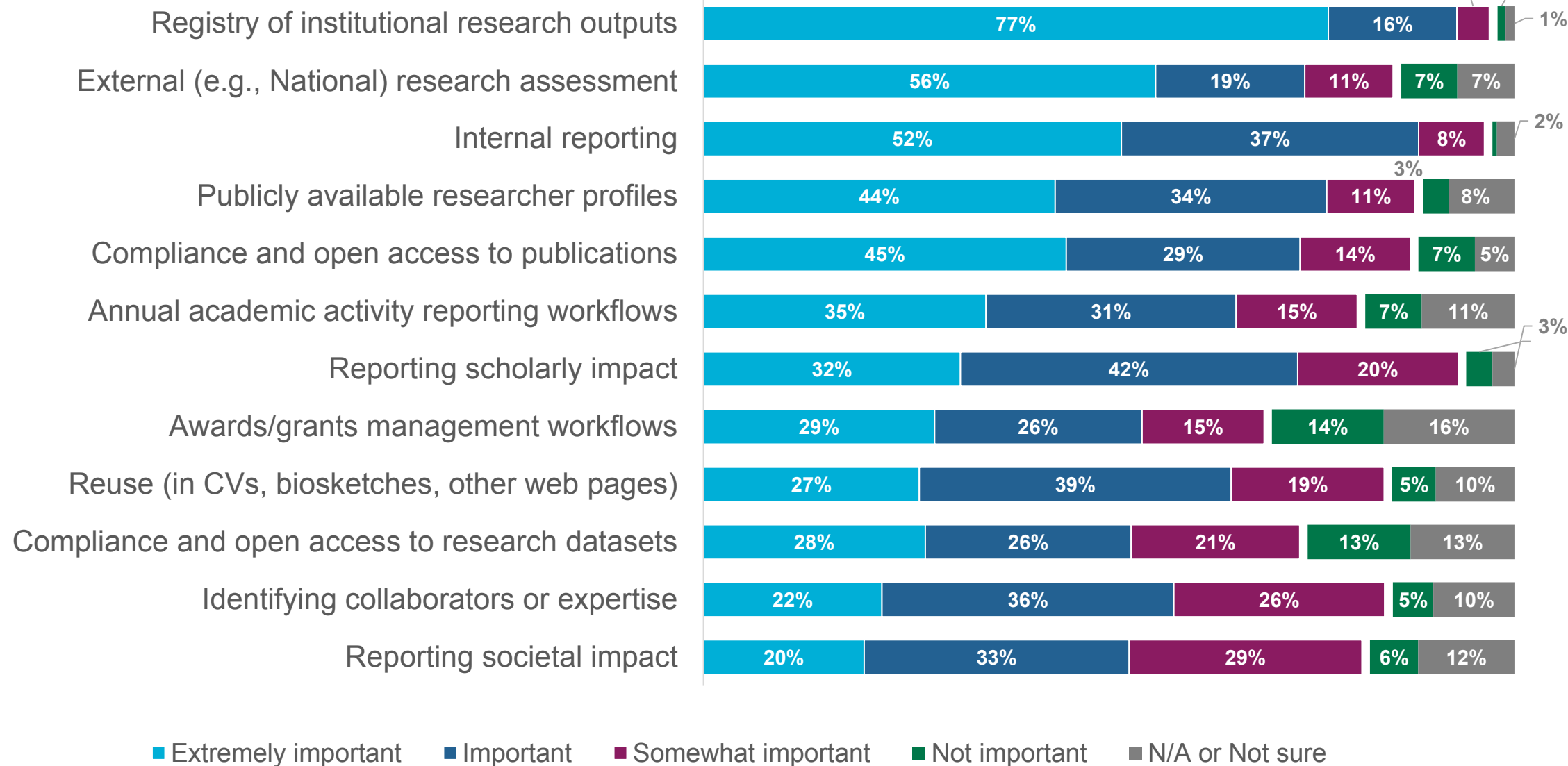
3. How important are the following functions of RIM at your institution?*

[Using a scale of Extremely Important – Important – Somewhat Important – Not Important – N/A or Not Sure]

- Registry of institutional research outputs
- Publicly available researcher profiles
- Reporting scholarly impact
- Reporting societal impact
- External (e.g., National) research assessment
- Internal reporting
- Annual academic activity reporting workflows
- Awards/grants management workflows
- Compliance and open access to publications
- Reuse (in CVs, biosketches, other web pages)
- Identifying collaborators or expertise

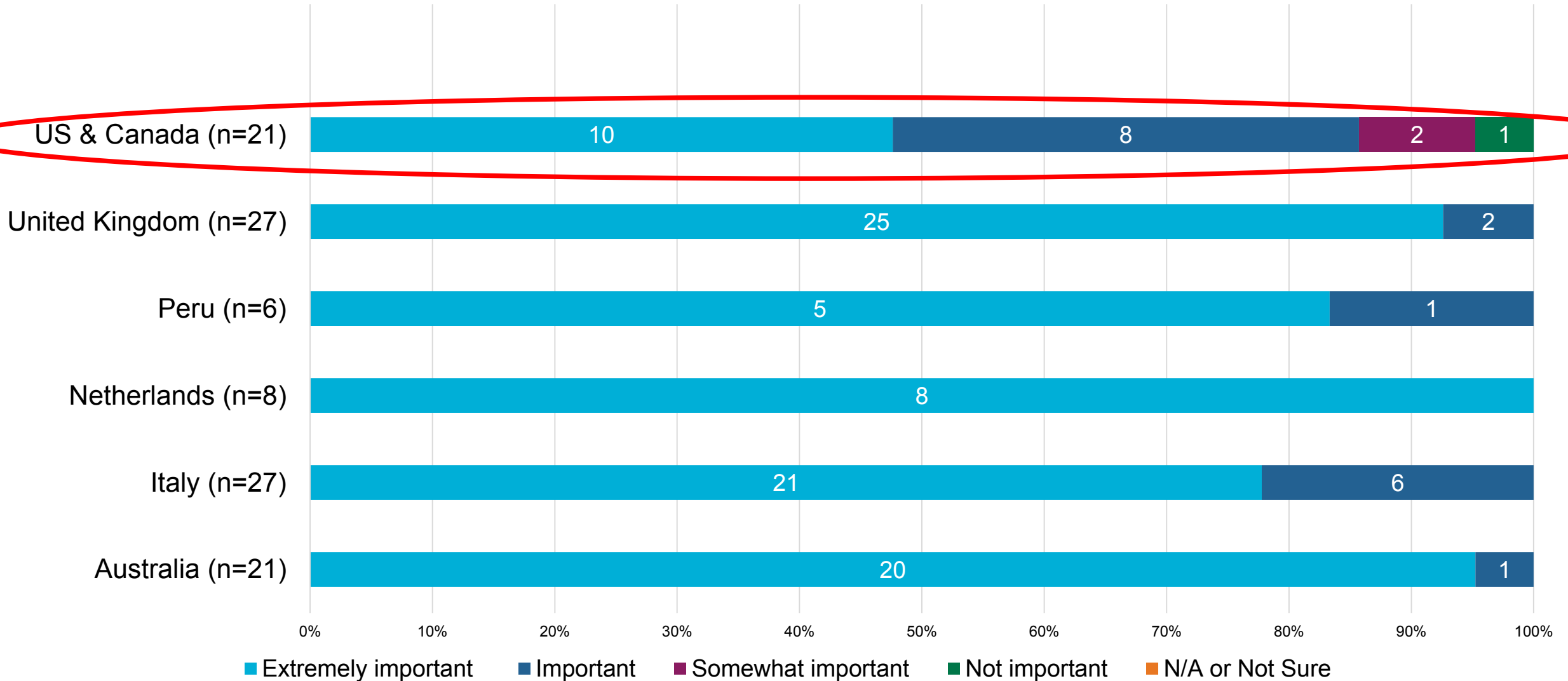
Important Functions of RIM (n=203)

Base: Institutions with a live RIM



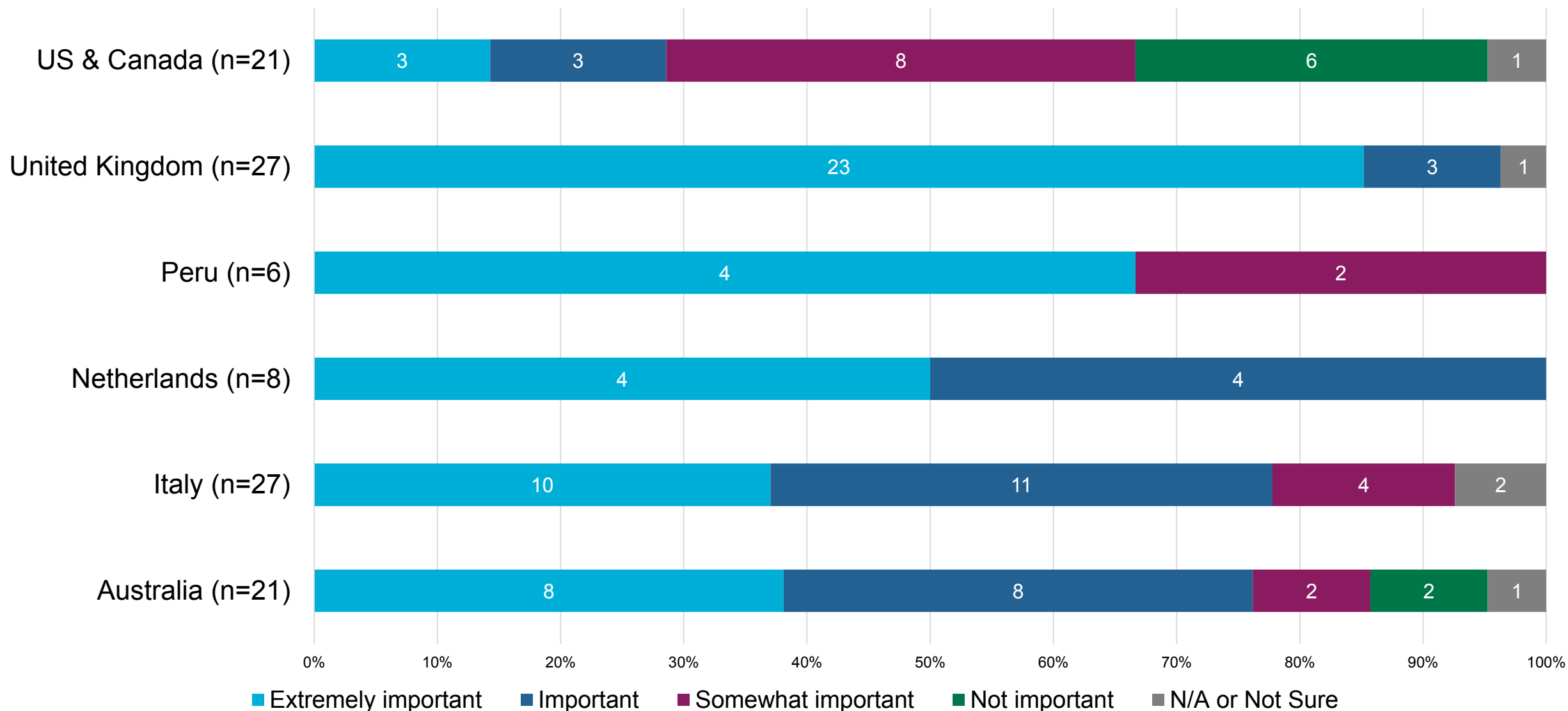
Importance of RIM system as a Registry of Institutional Research Outputs

Base: Institutions with a live RIM system



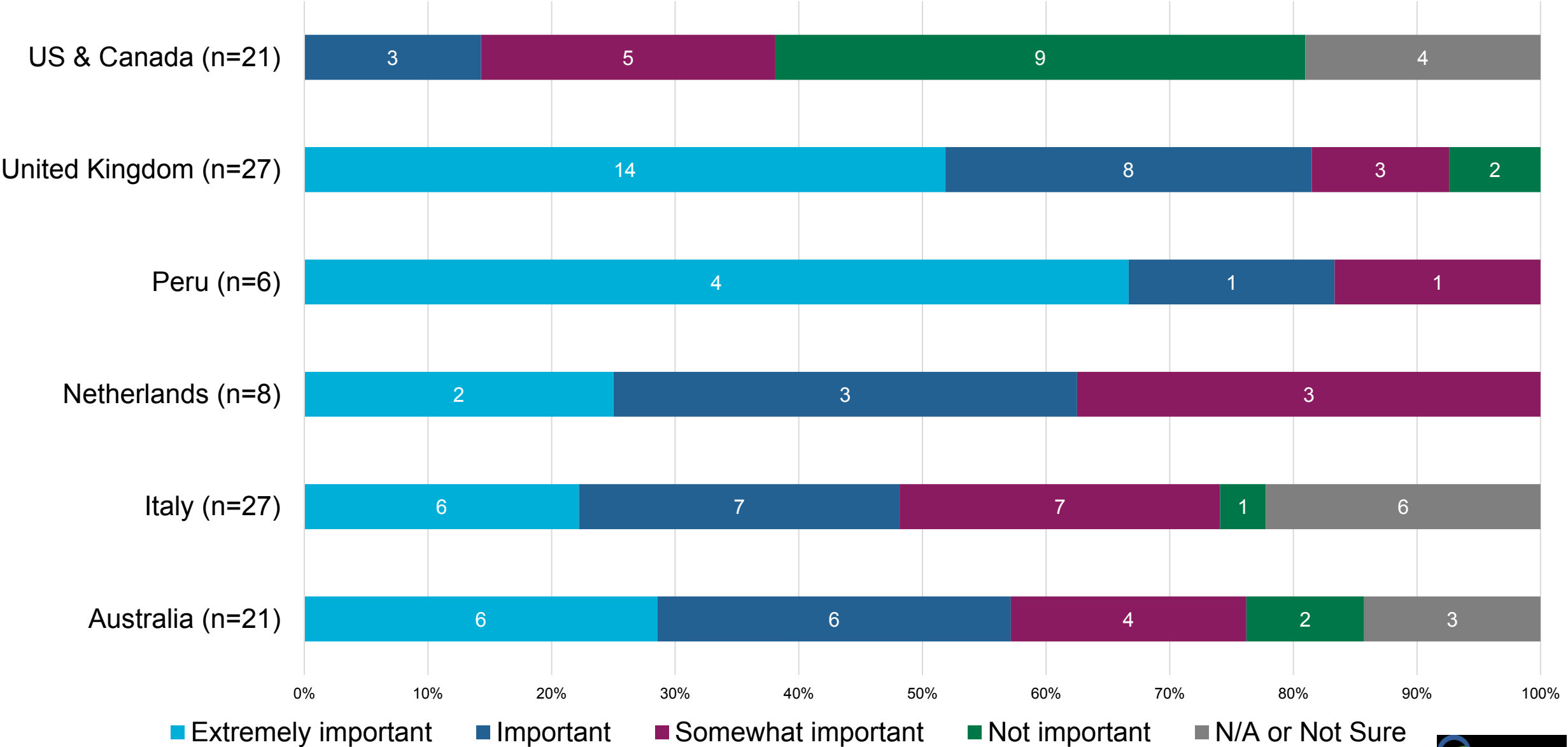
Importance of Compliance and Open Access to Publications

Base: Institutions with a live RIM system



Importance of Compliance and Open Access to Datasets

Base: Institutions with a live RIM system



■ Extremely important ■ Important ■ Somewhat important ■ Not important ■ N/A or Not Sure



Summary: RIM uses

- For most, RIM is valuable as a registry of the institution's research outputs
- RIM has *multiple* uses at most institutions
 - External & internal assessment are among the most important (and unsurprising)
 - Managing OA compliance is also important
 - Supporting the discovery of potential research collaborators is less important
- As expected, some of these differences appear to vary by region

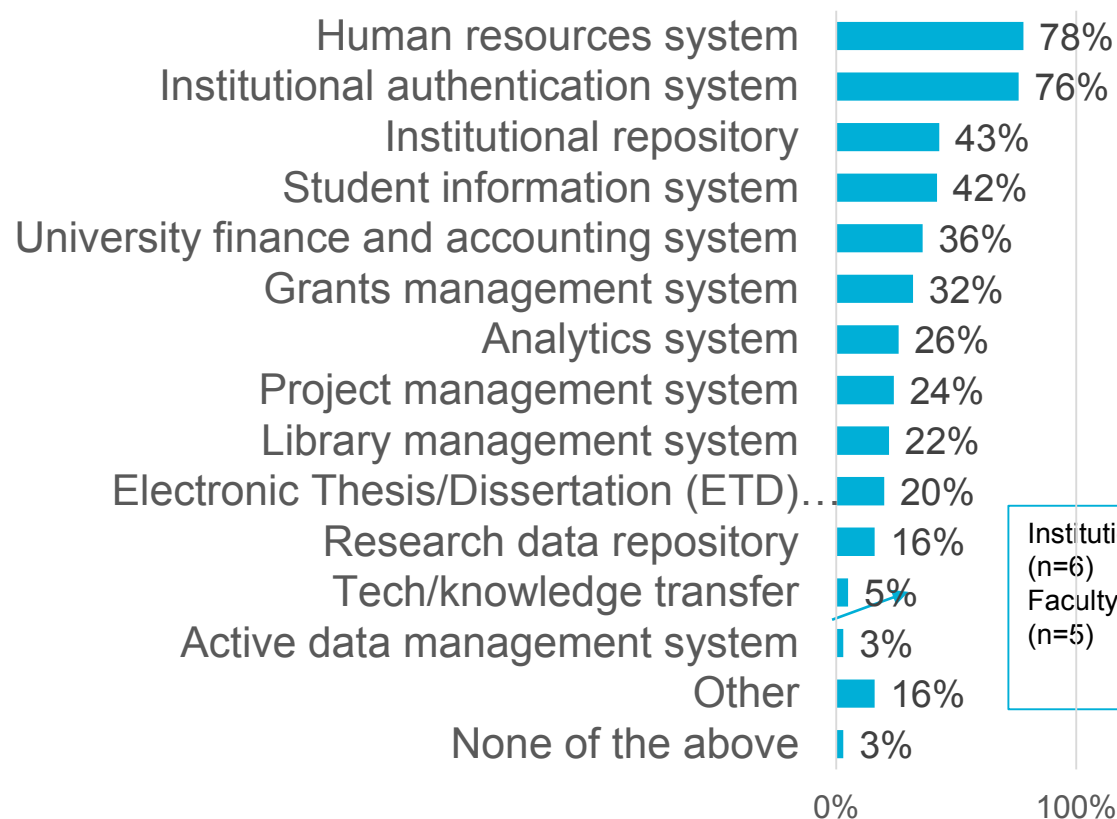
Interoperability

RIM systems interoperate with multiple internal and external systems

Internal Systems that Interoperate with your RIM (n=184)

Base: Institutions with a live RIM

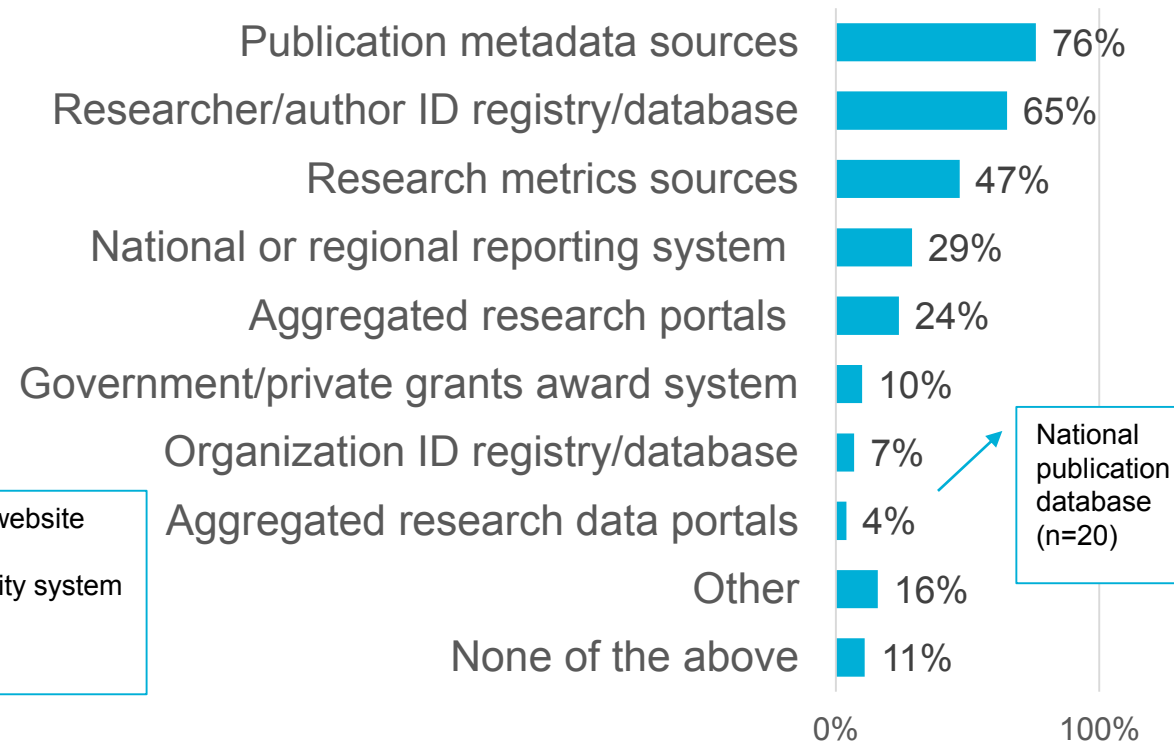
Note: Respondents could select more than one answer



External Systems that Interoperate with your RIM (n=178)

Base: Institutions with a live RIM

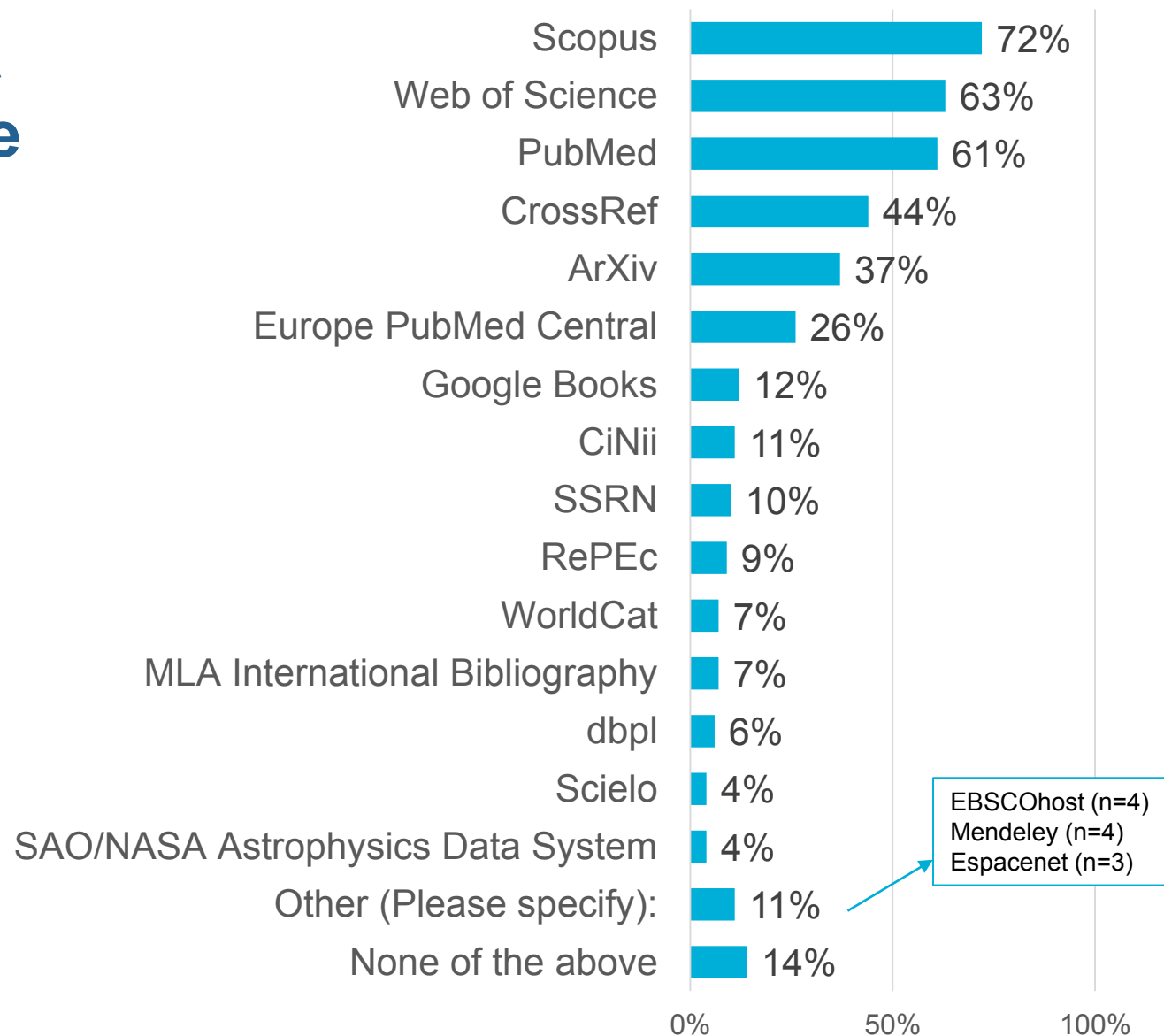
Note: Respondents could select more than one answer



Publication Metadata Sources that Populate your RIM system (n=185)

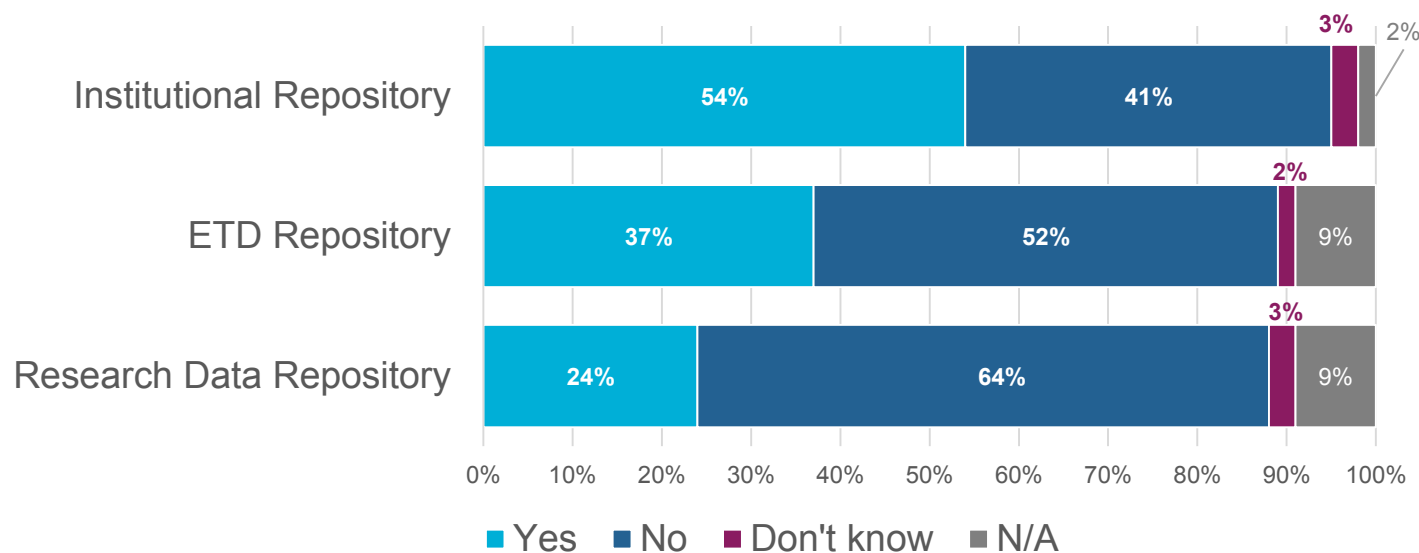
Base: Institutions with a live RIM system

Note: Respondents could select more than one answer



Does your RIM system serve as your default...

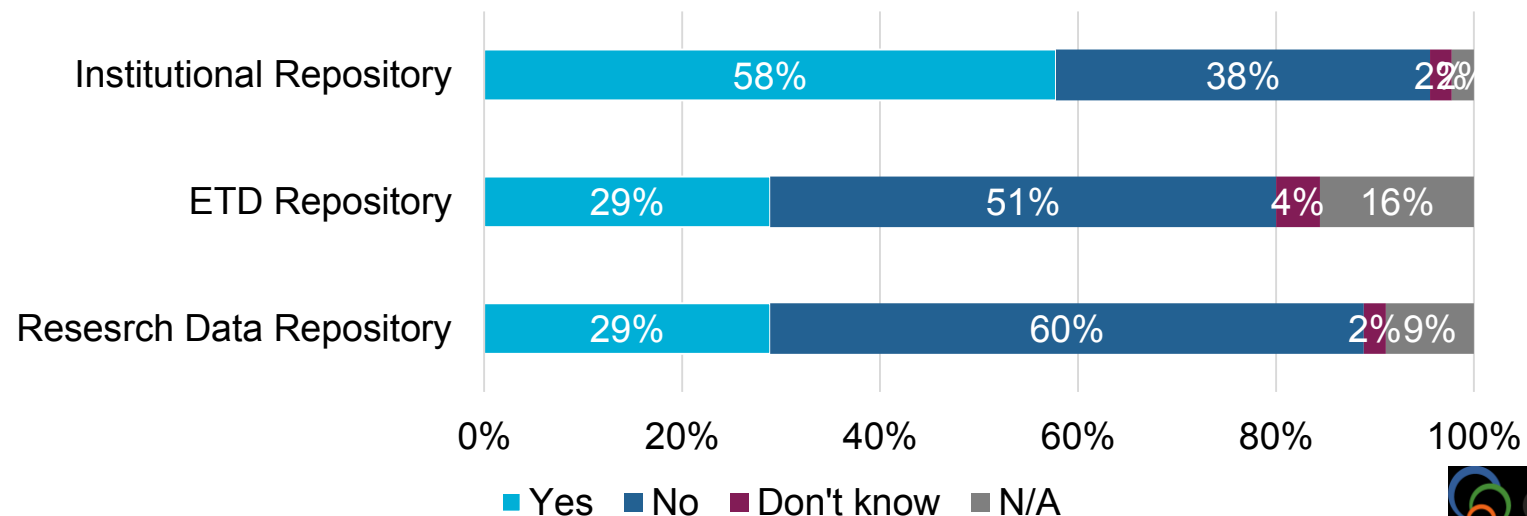
Base: Institutions with a live RIM system



Use of RIM Systems to support repository functions

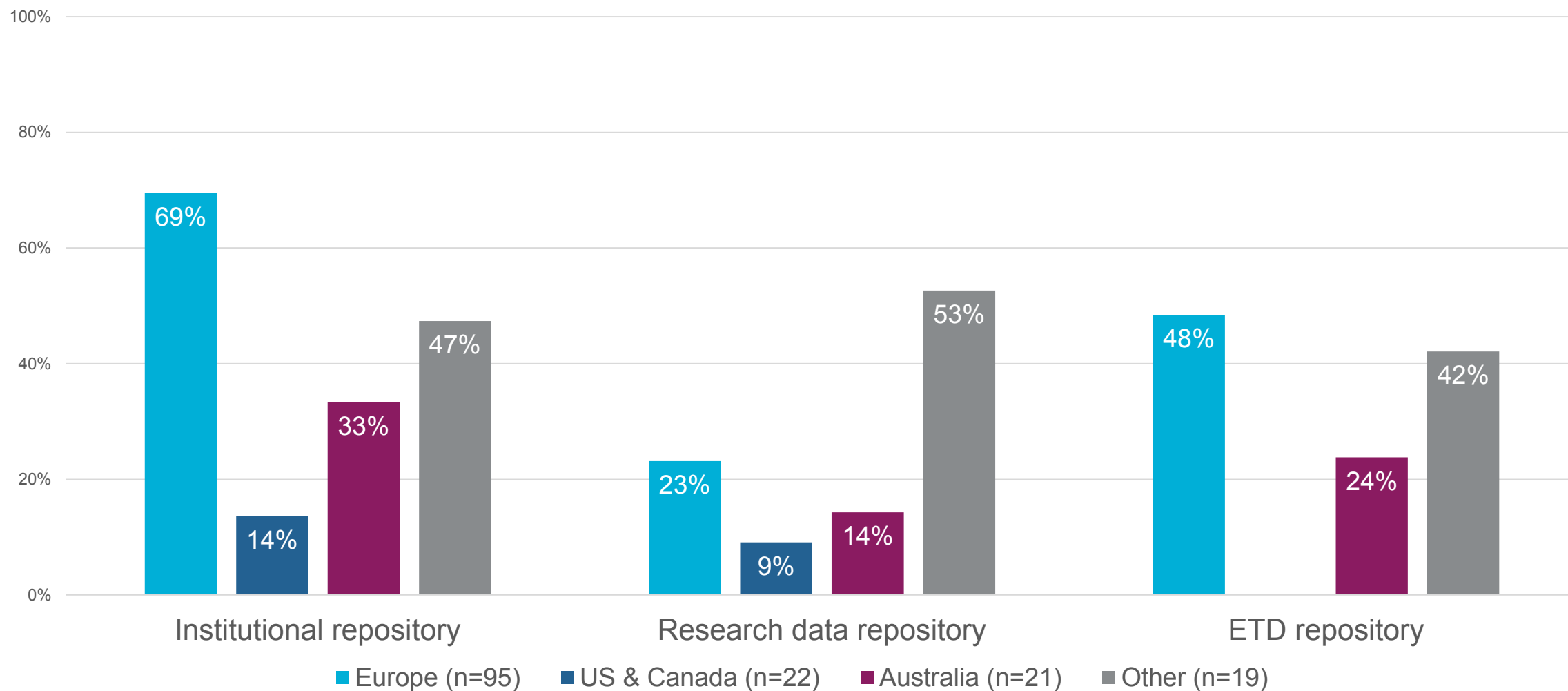
Does Pure serve as your default...

Base institutions with live Pure n=47



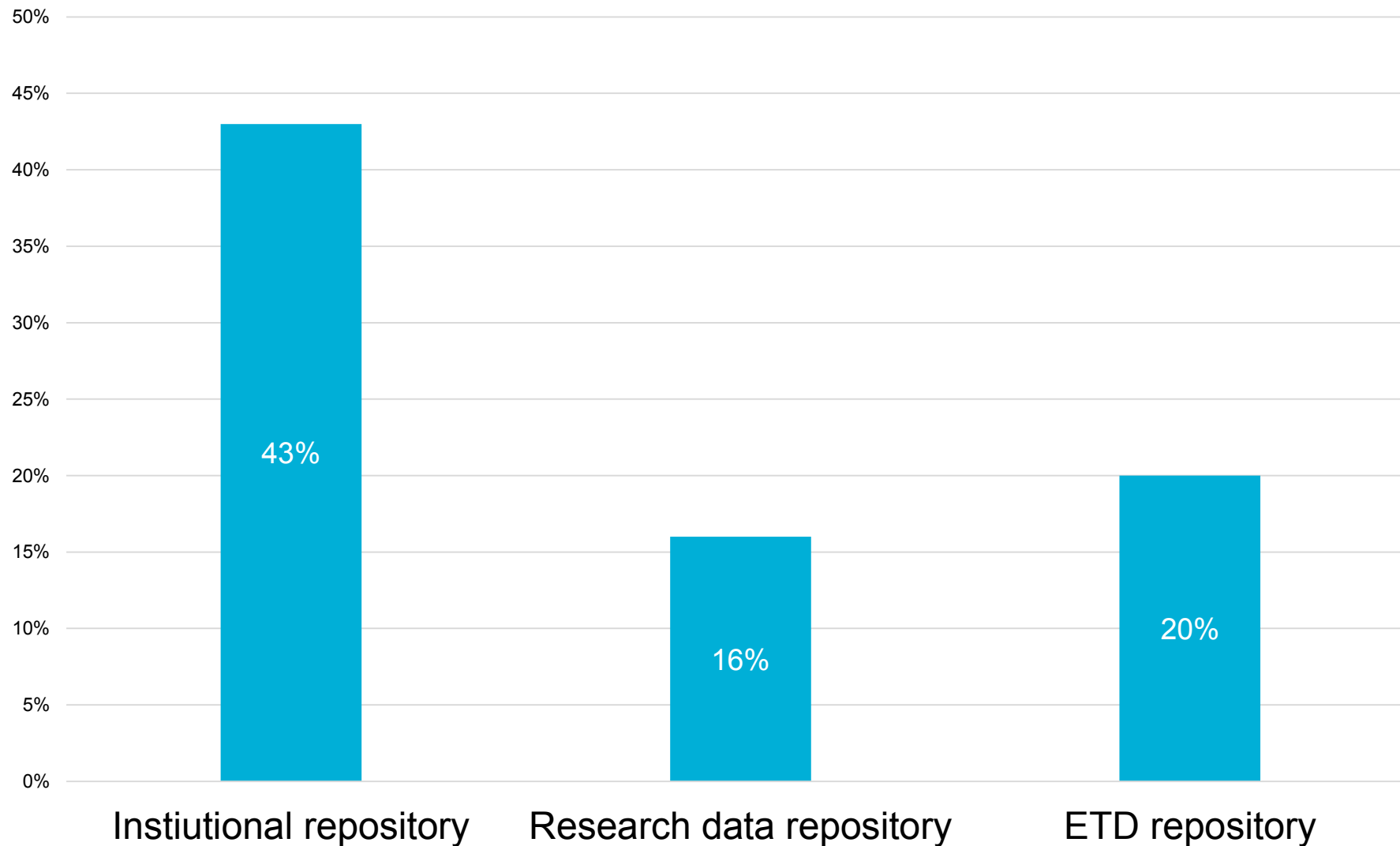
Does your RIM system serve as your default...

Base: Institutions with a Live RIM system



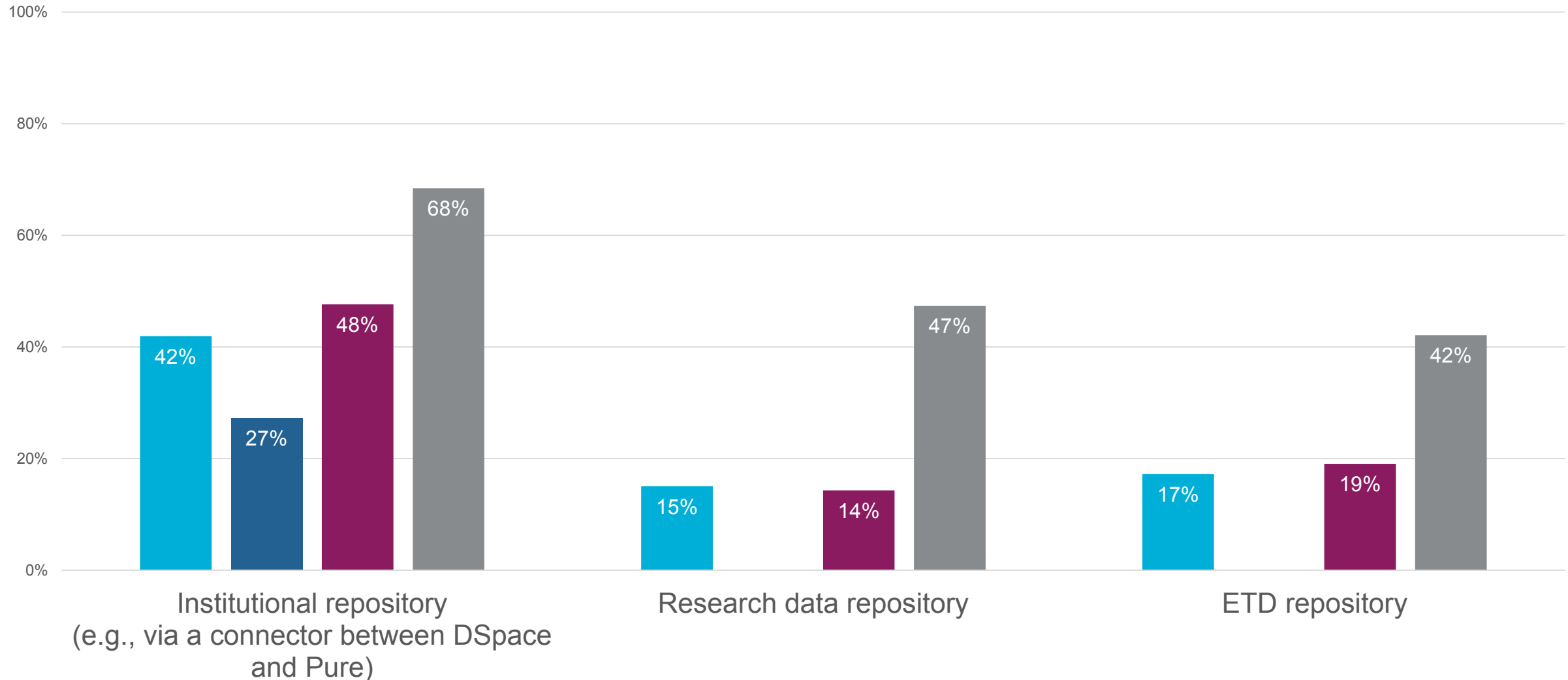
Interoperability between RIM and repository systems (n=184)

Base: Institutions with a live RIM system



Which of the following internal systems interoperate with your RIM system(s)?

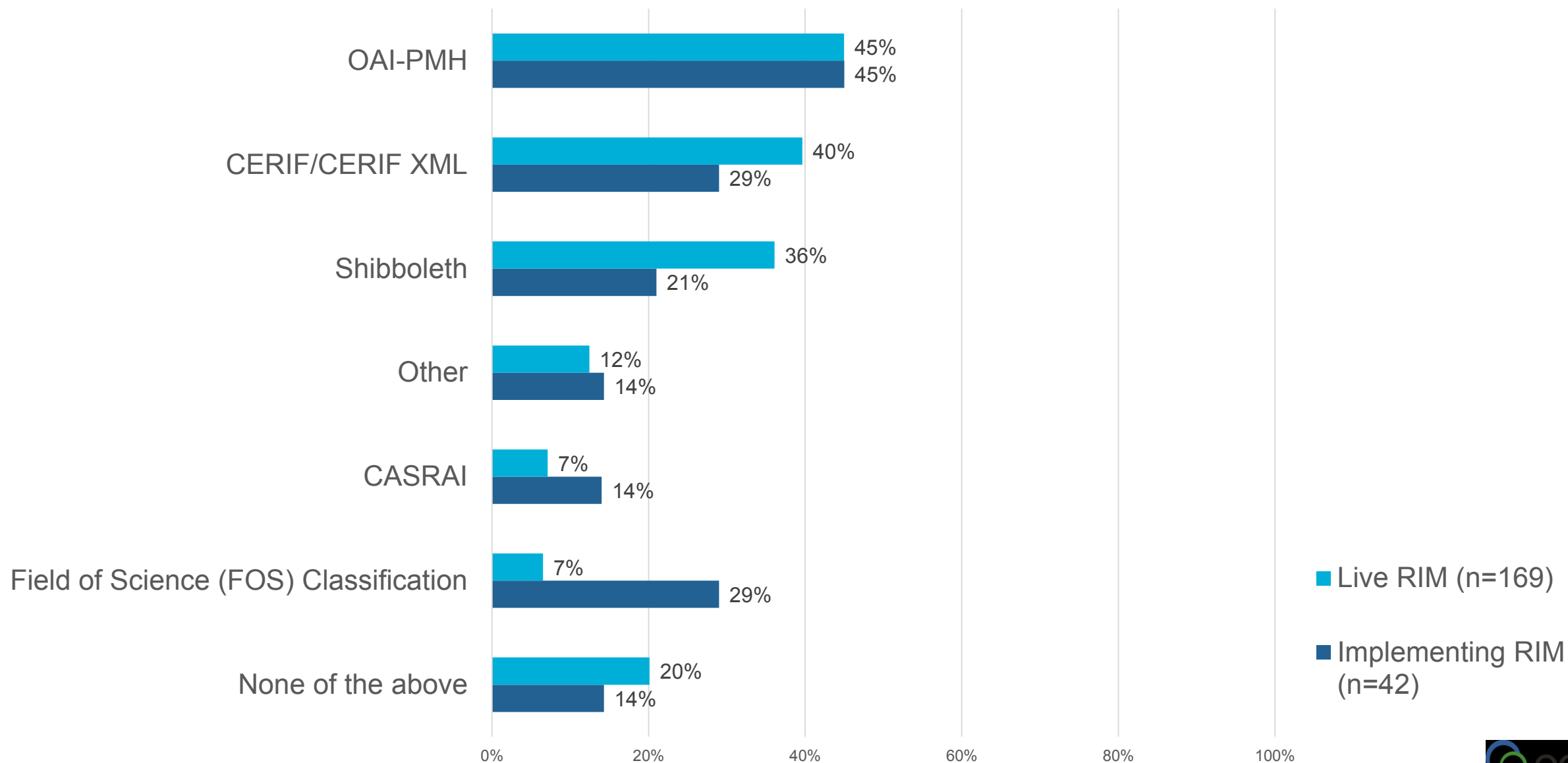
Base: Institutions with a Live RIM system



■ Europe (n=93) ■ US & Canada (n=22) ■ Australia (n=21) ■ Other (n=19)

Protocols/Standards/Vocabularies RIM Relies On

Note: Respondents could select more than one answer



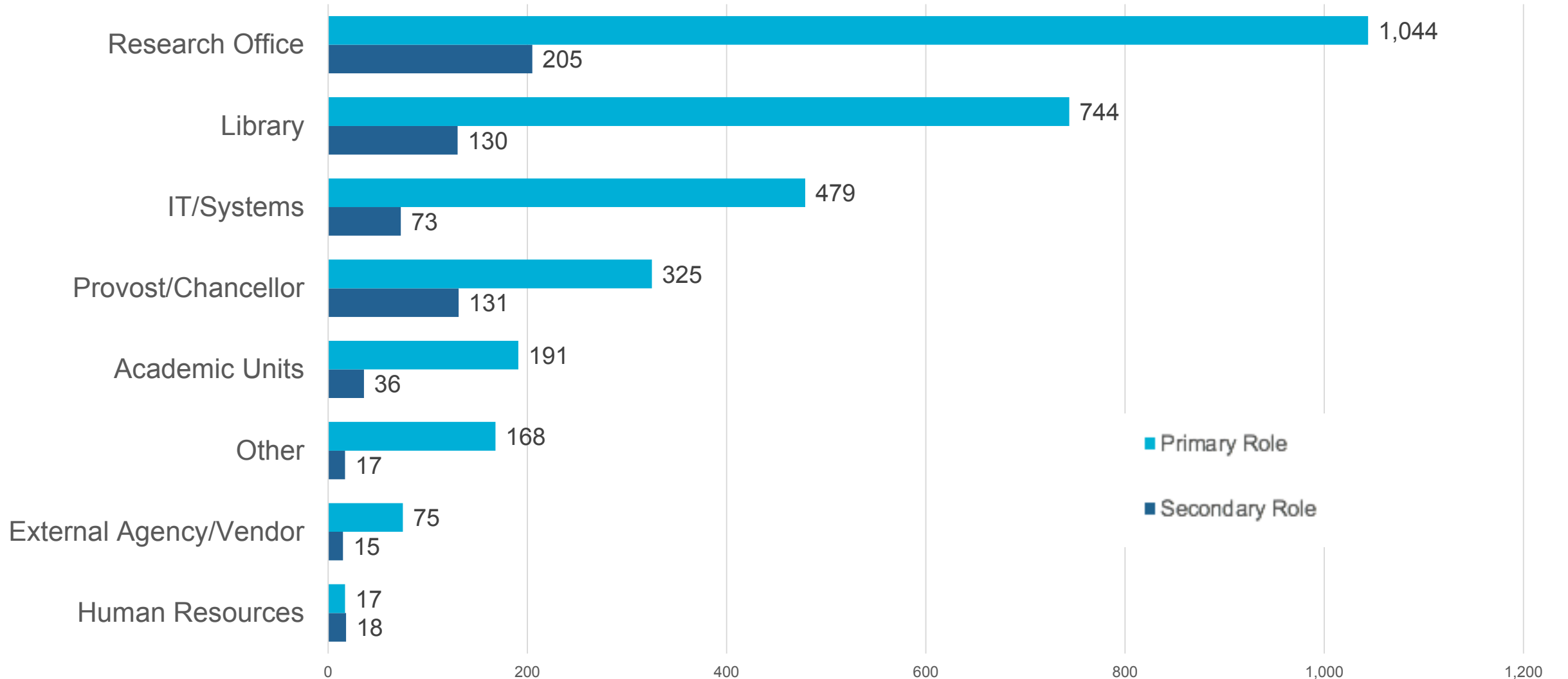
Some summary findings

- Fairly high degree of RIM system interoperability with other institutional systems – including IRs
- Significant workflows for funding information exchange both internally and externally
- Institutions leverage **publications metadata harvesting**
- **OAI-PMH** & **CERIF-XML** important standards

Stakeholders

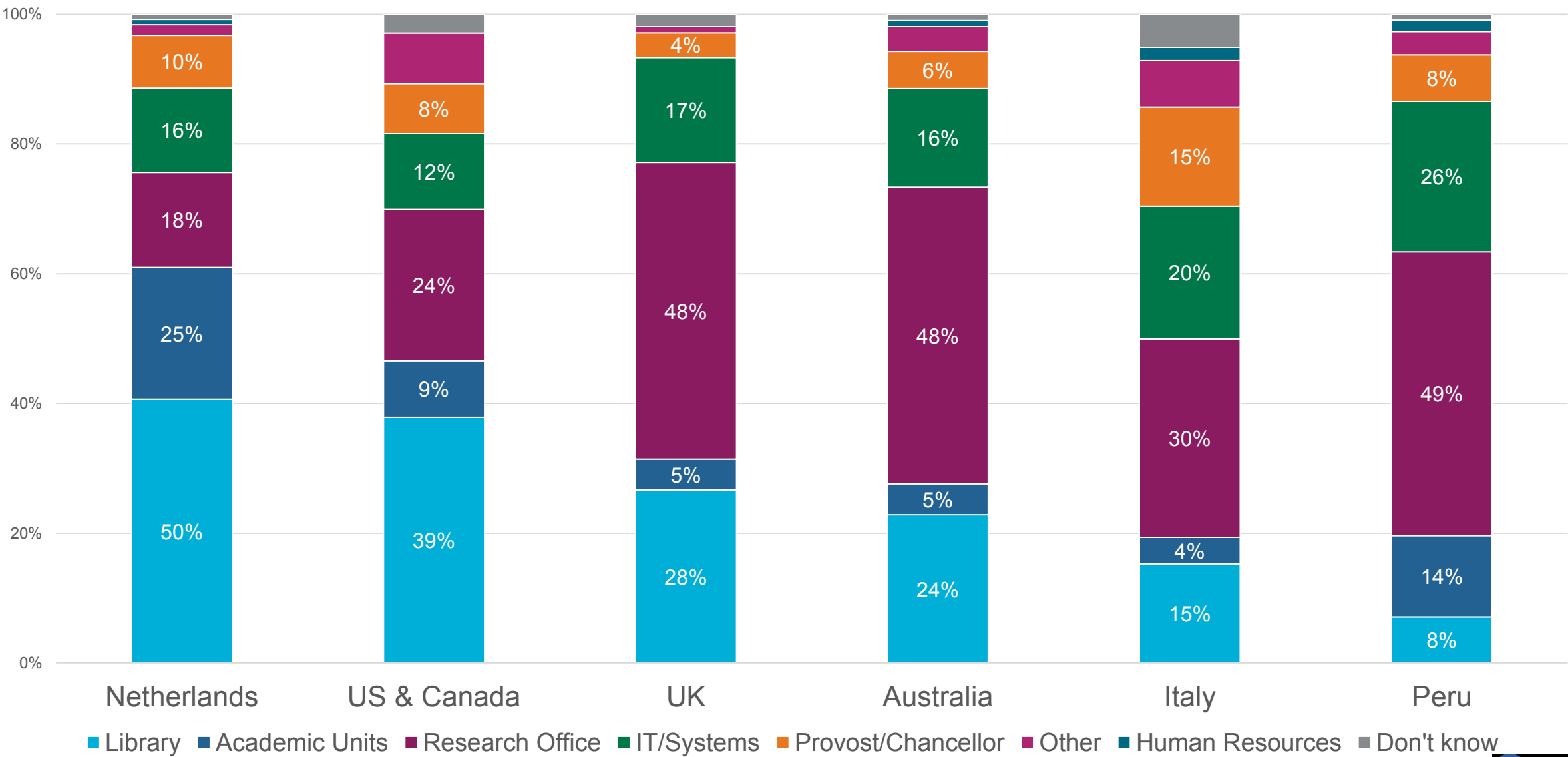
Stakeholders with "Primary Responsibility" for 14 Specific RIM Activities

by # of mentions



Stakeholders with Primary Responsibility for RIM Activities by Country

Based on # of Mentions (Decreasing Importance of Library)
Base: Institution with a Live RIM system



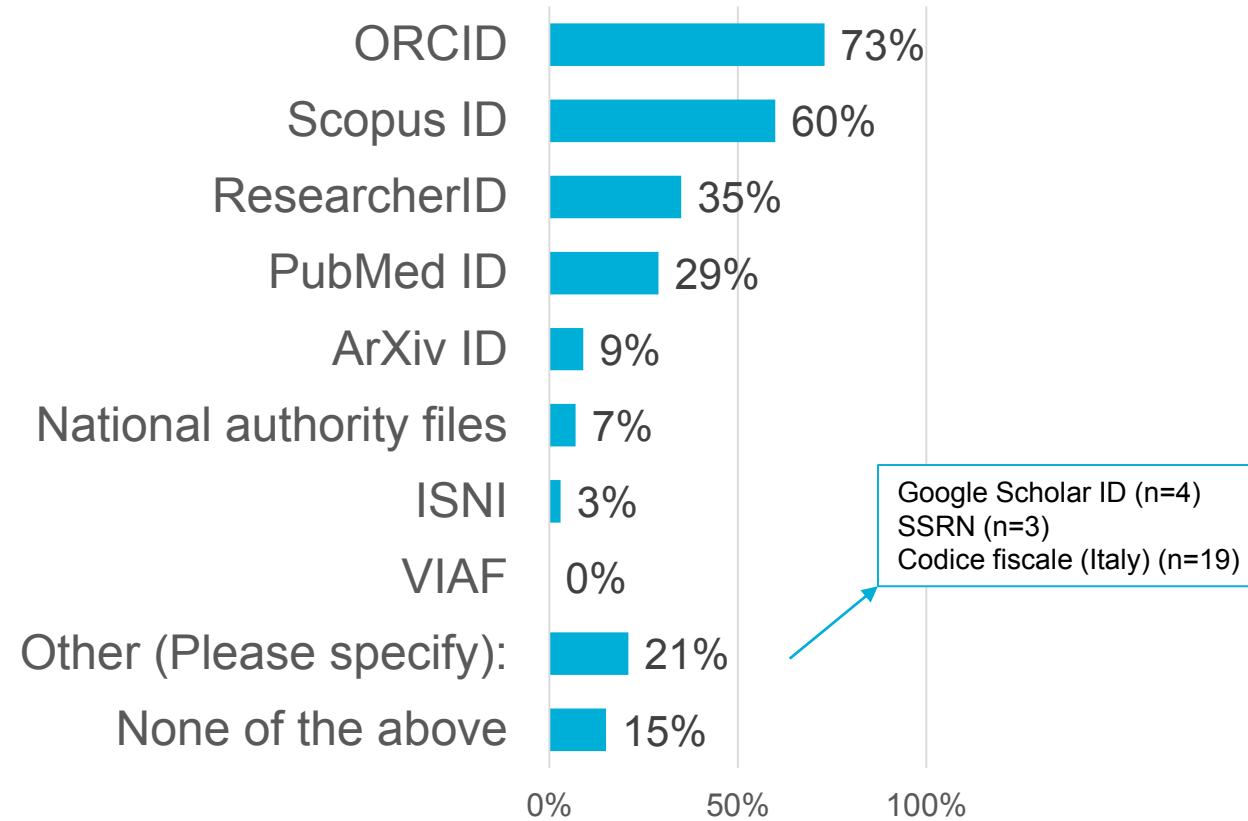
Library Academic Units Research Office IT/Systems Provost/Chancellor Other Human Resources Don't know



Persistent identifiers

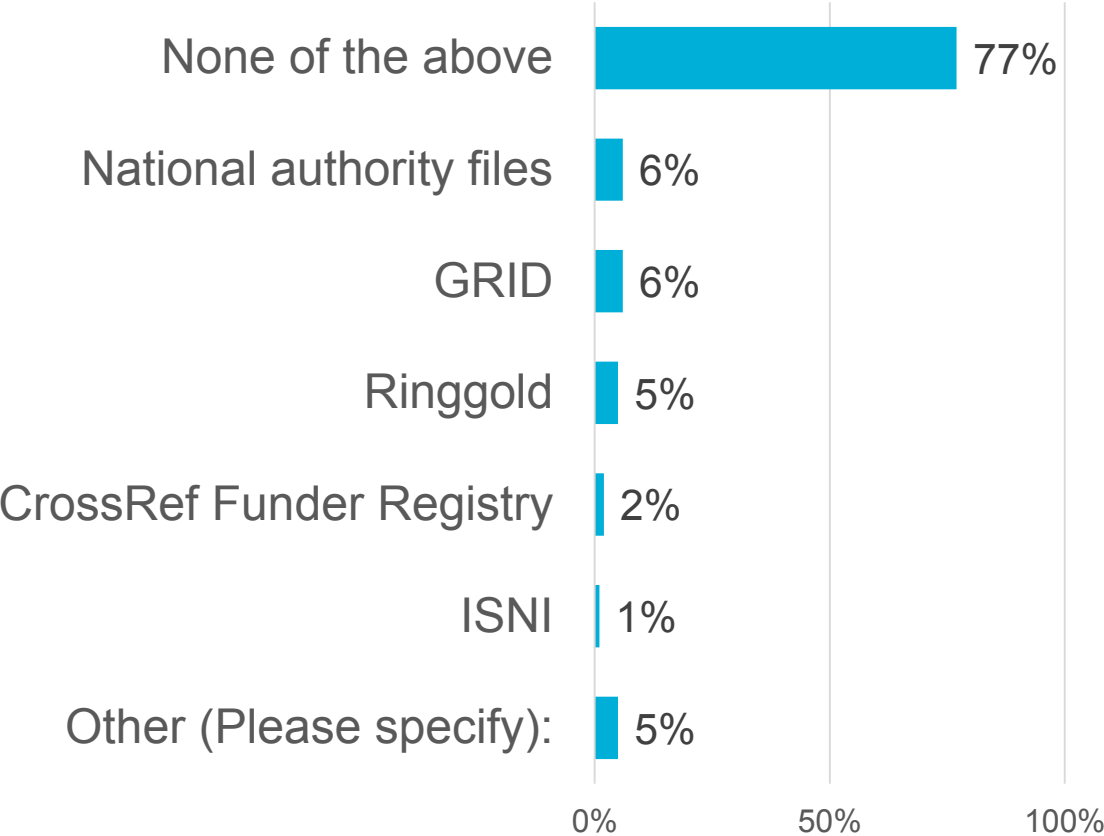
Researcher Identifiers Used in Your RIM system (n=182)

Base: Institutions with a live RIM system
Note: Respondents could select more than one answer



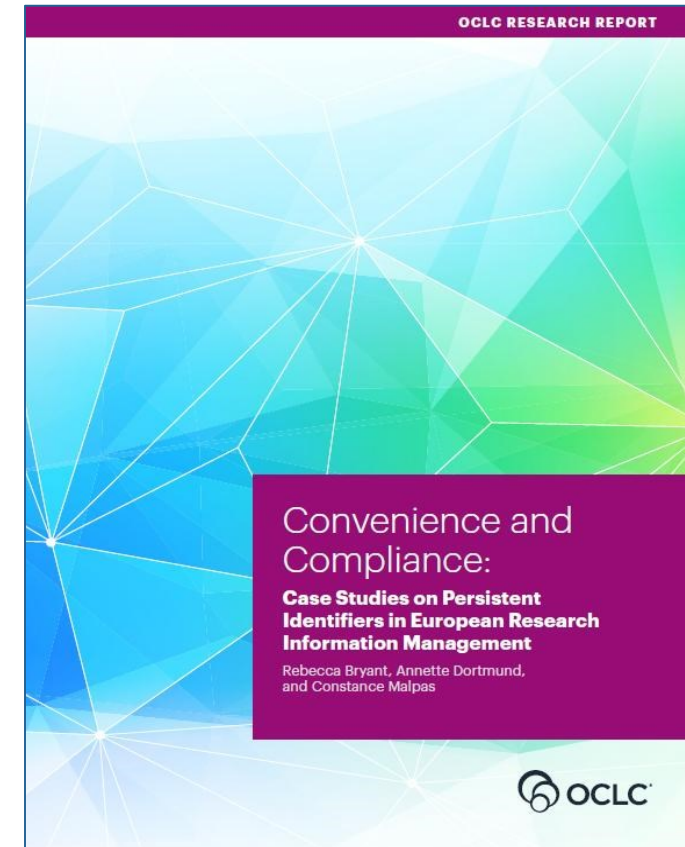
Organization Identifiers Used in Your RIM system (n=162)

Base: Institutions with a live RIM system
Note: Respondents could select more than one answer



Some summary findings

- Congruent with our qualitative *Convenience and Compliance* findings
- Strong adoption of person identifiers
 - **ORCID becoming a *de facto* standard** in scholarly literature, but other identifiers also needed and used
 - **Organizational identifiers largely unused**



Discussion

- Survey results and data to be published as an OCLC Research Report in November 2018
- More information at oclc.org/rim

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References

- Bryant, Rebecca, Anna Clements, Carol Feltes, David Groenewegen, Simon Huggard, Holly Mercer, Roxanne Missingham, Maliaca Oxnam, Anne Rauh and John Wright. 2017. *Research Information Management: Defining RIM and the Library's Role*. Dublin, OH: OCLC Research. doi:[10.25333/C3NK88](https://doi.org/10.25333/C3NK88)
- Bryant, Rebecca, Annette Dortmund, and Constance Malpas. 2017. *Convenience and Compliance: Case Studies on Persistent Identifiers in European Research Information*. Dublin, Ohio: OCLC Research. doi:[10.25333/C32K7M](https://doi.org/10.25333/C32K7M)
- euroCRIS & OCLC Research. *International Survey on Research Information Management Practices*. Publication of results as an OCLC Research report **expected in 2018**
- Ribeiro, Lígia, Pablo De Castro, and Michele Mennielli. "EUNIS-EuroCRIS Joint Survey on CRIS and IR," 2016. <http://www.eurocris.org/news/cris-ir-survey-report>.