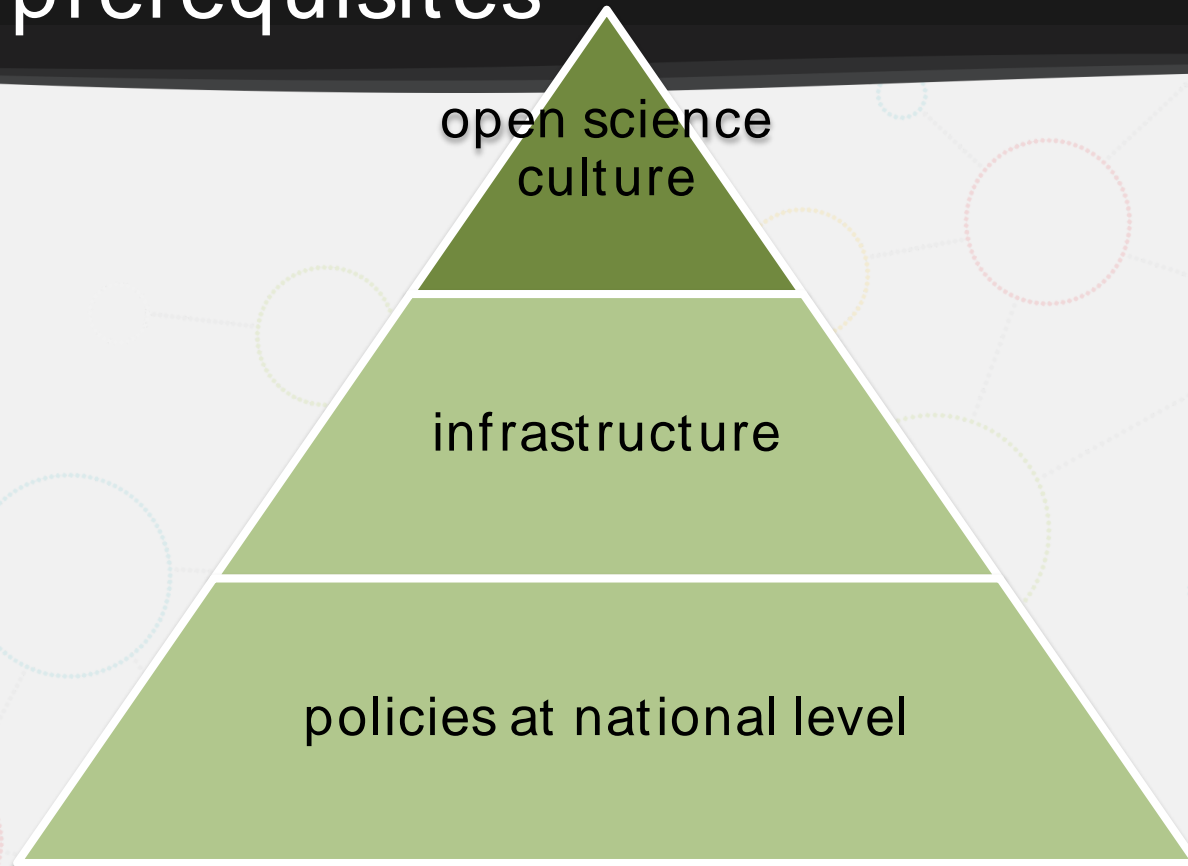




WP1: Survey on open science
attitudes and experiences
among Serbian scholars

Goals: prerequisites



Method: measure

Online survey; invitation sent to state universities and research institutes in Serbia

General data

Information
– seeking
behavior (and
related
topics)

Publication
behavior

Attitudes,
experience,
and overall
knowledge

Method: measure

affiliation, research field, participation in projects...

General data

Information
– seeking
behavior (and
related
topics)

Publication
behavior

Attitudes,
experience,
and overall
knowledge

Method: measure

information seeking strategies (browsing, keywords search, etc.); obtaining professional literature; obstacles...

General data

Information
– seeking
behavior (and
related
topics)

Publication
behavior

Attitudes,
experience,
and overall
knowledge

Method: measure

preferences regarding type of literature, availability in services; awareness of the existence of institutional repository; publishing Open Access; posting online

General data

Information
– seeking
behavior (and
related
topics)

Publication
behavior

Attitudes,
experience,
and overall
knowledge

Method: measure

rating the advantages / disadvantages of open access publishing and open data;
attitudes on promotion of open science

General data

Information
– seeking
behavior (and
related
topics)

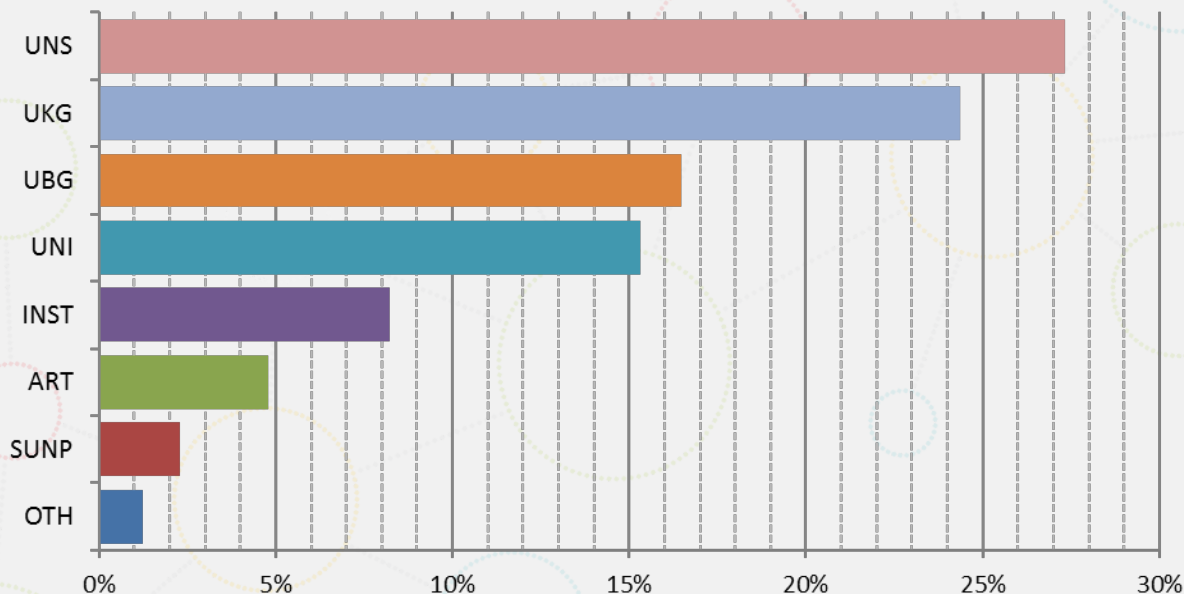
Publication
behavior

Attitudes,
experience,
and overall
knowledge

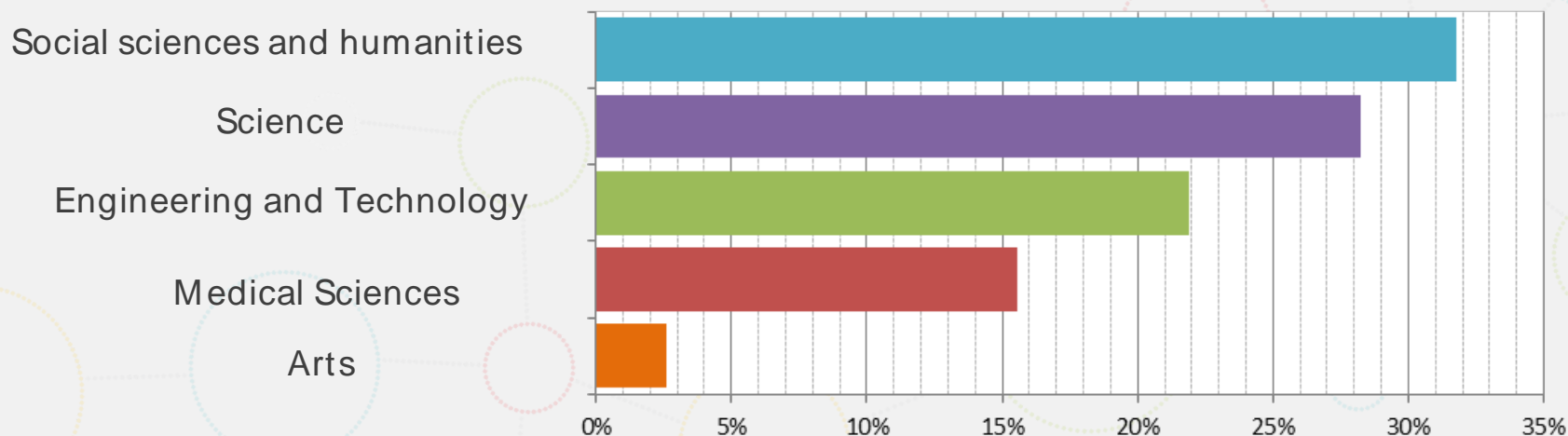
Participants: general data

As of July 15th 2017:

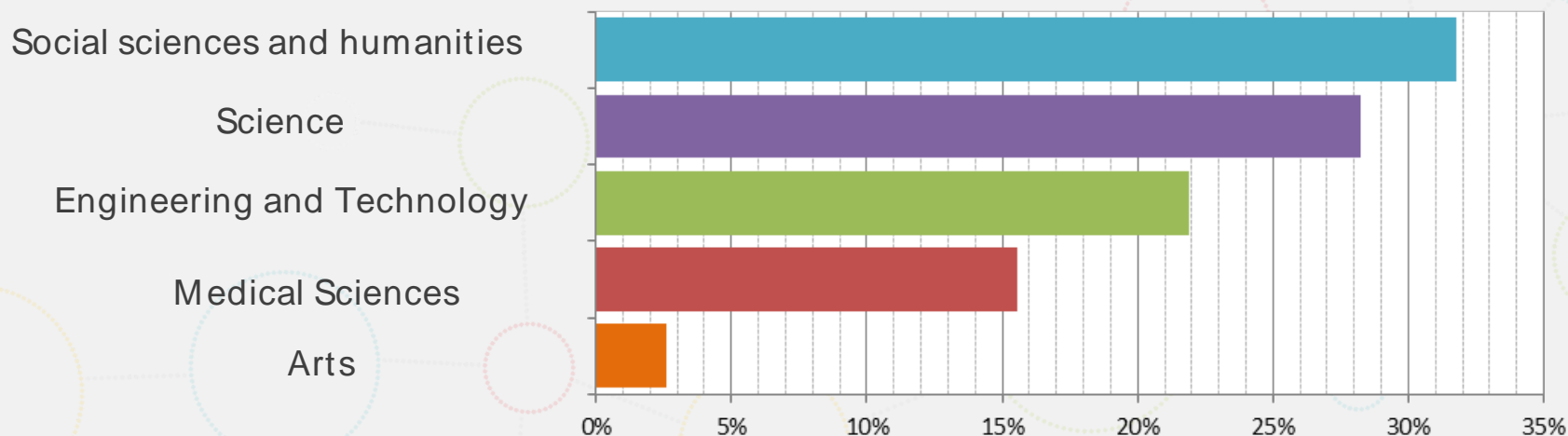
- 1209 participants accessed the survey
- 83% completed the survey
- Analyses – pairwise exclusion of cases: 803 – 968 participants for each analysis



Participants: general data

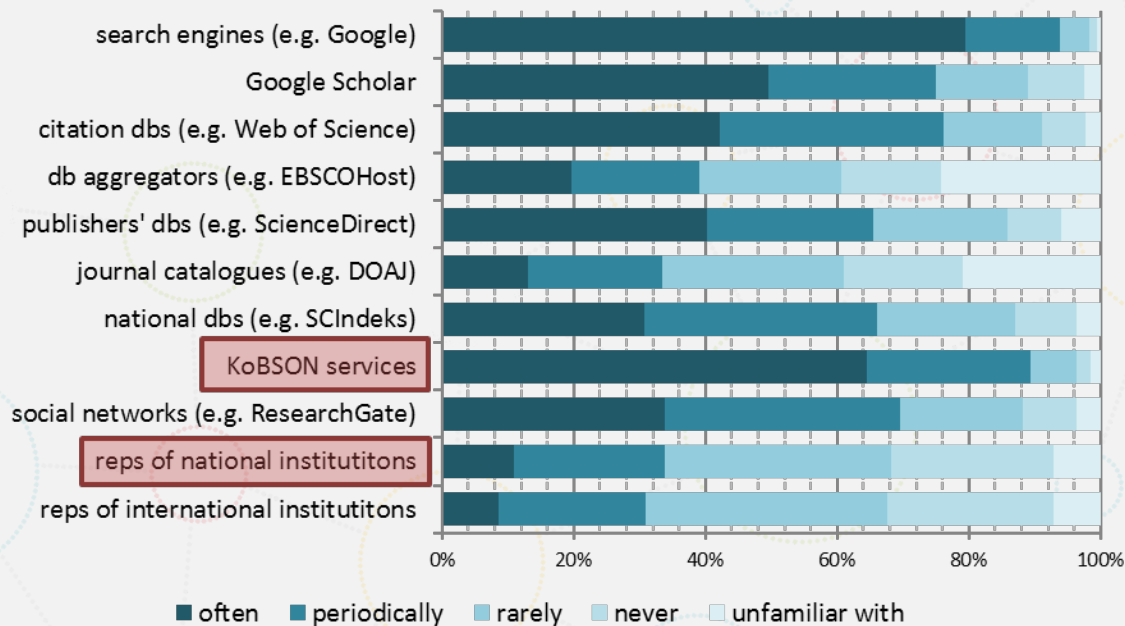


Participants: general data

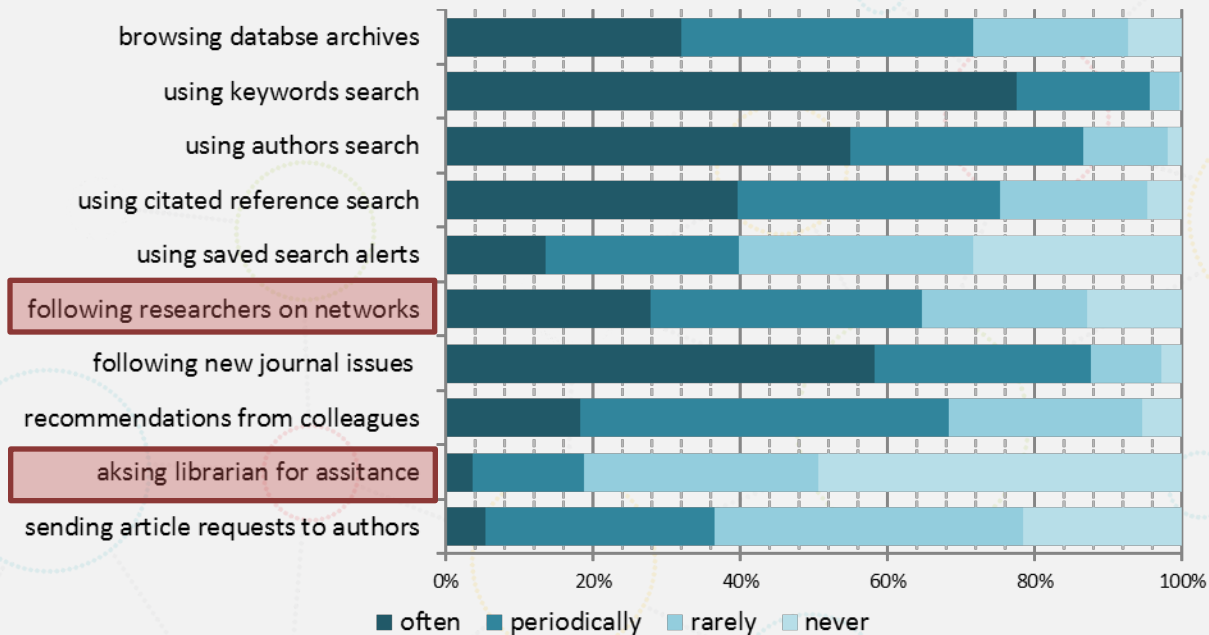


34% participated in a project including some open access regulations

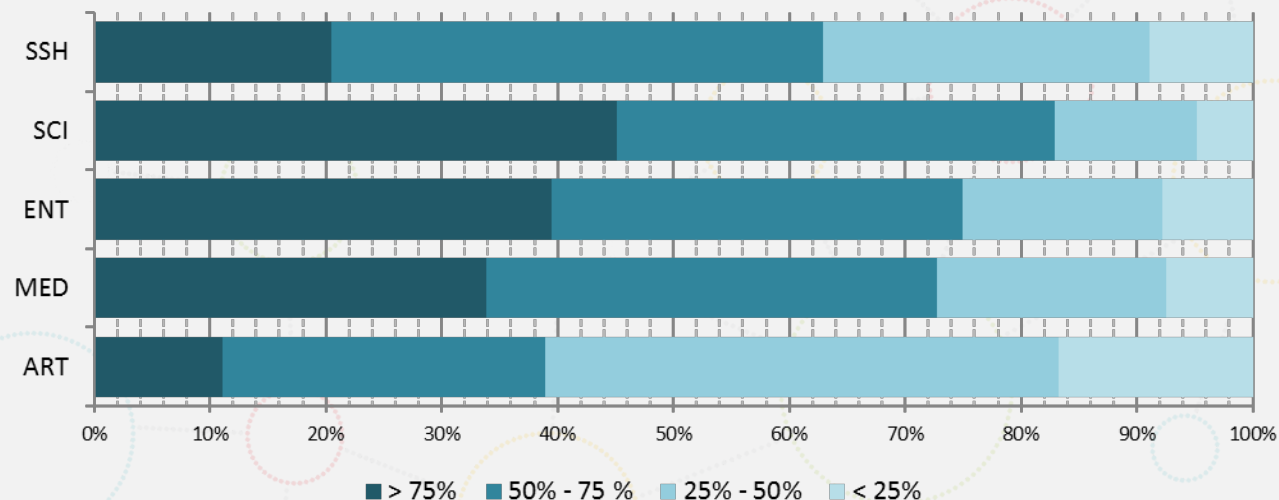
Information seeking behavior



Information seeking behavior

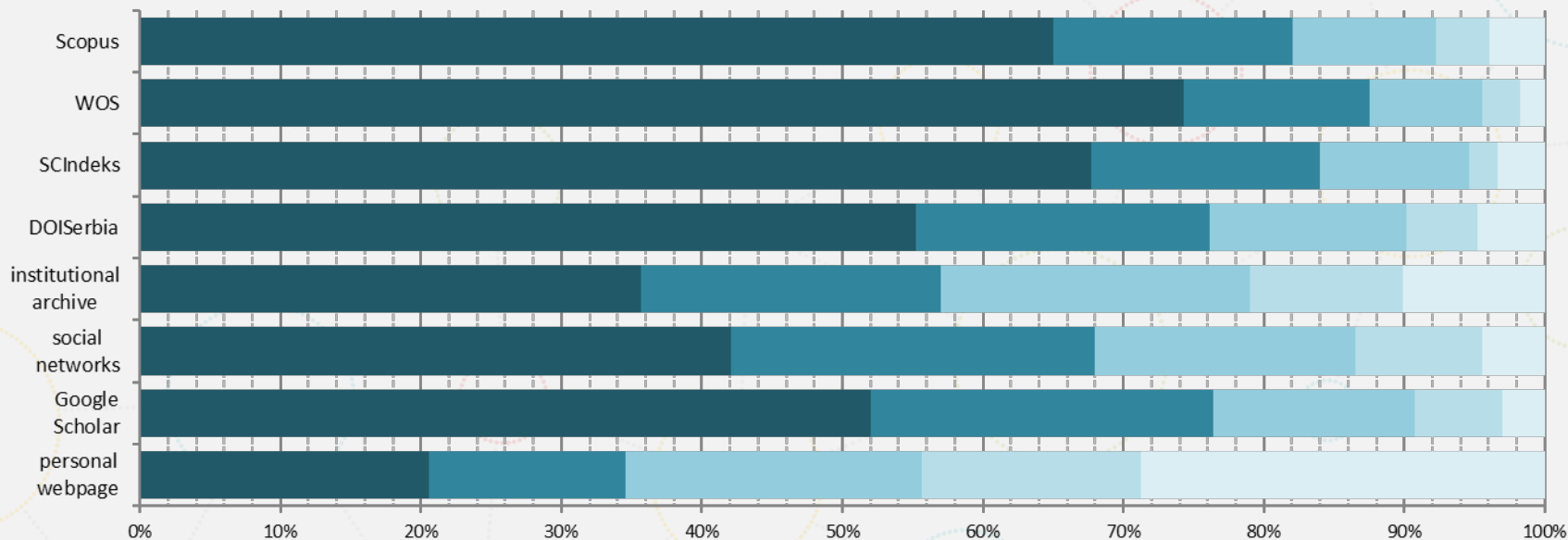


Information seeking behavior



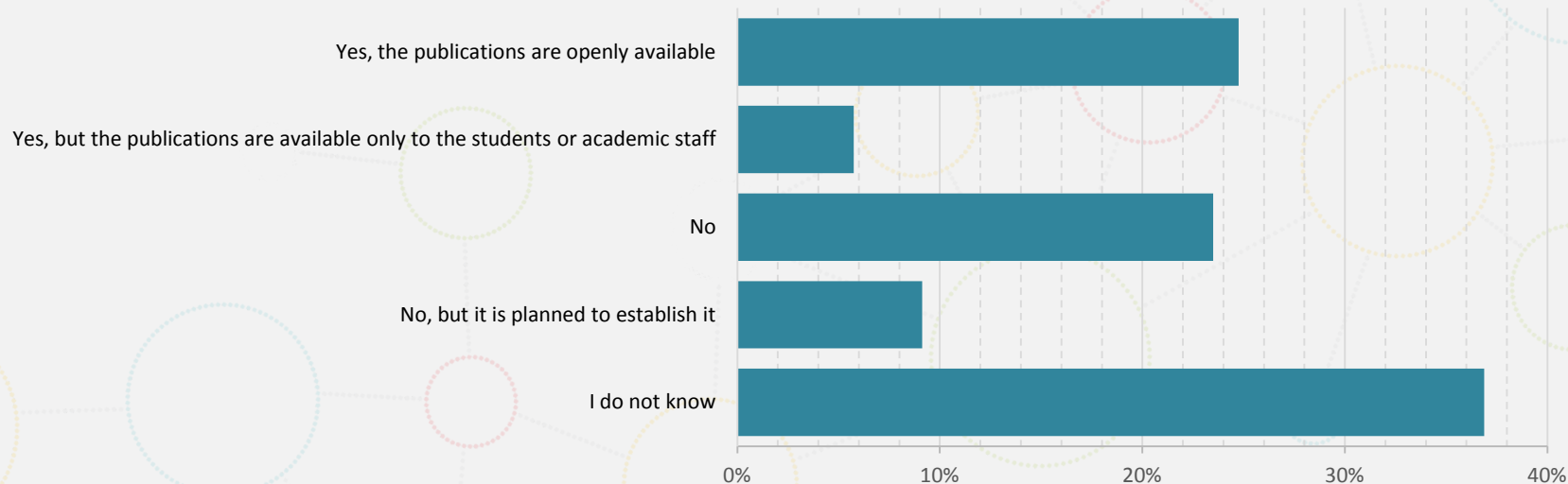
Percentages of necessary professional literature participants from different fields were able to find

Publication and dissemination strategies

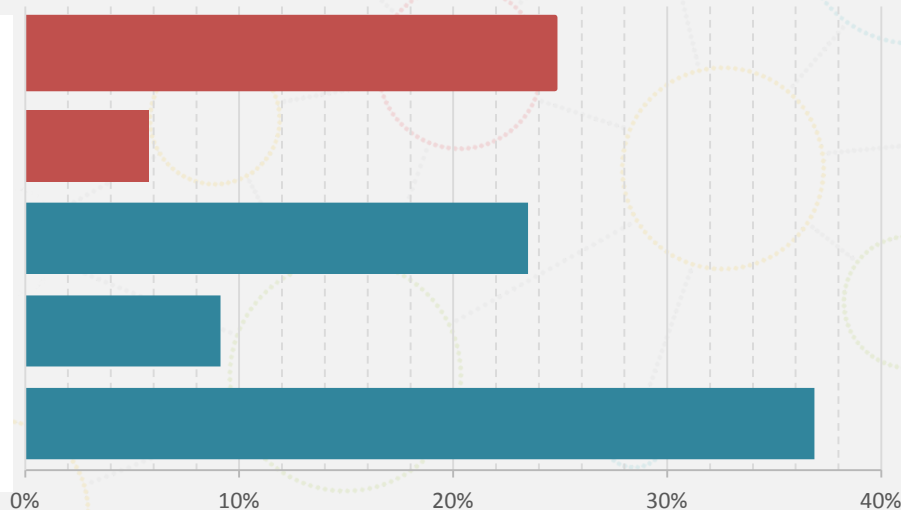
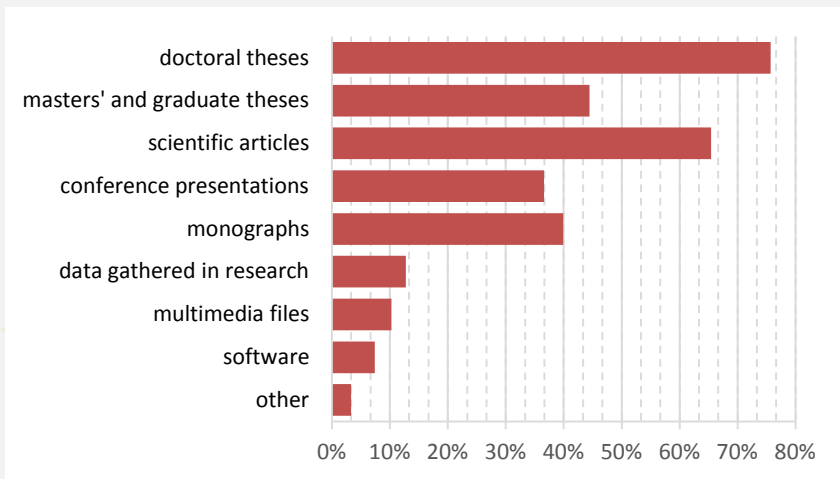


Perceived importance of availability of participants' publications in various online services and databases

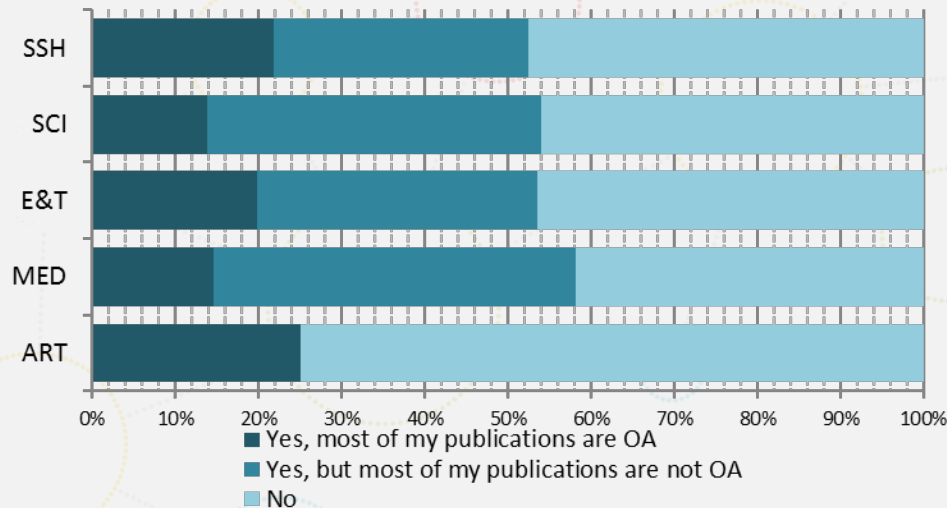
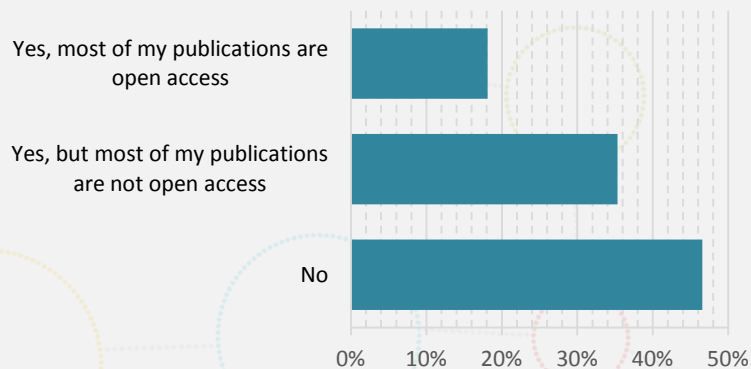




awareness of the existence of institutional repositories for depositing publications (yes = 244)

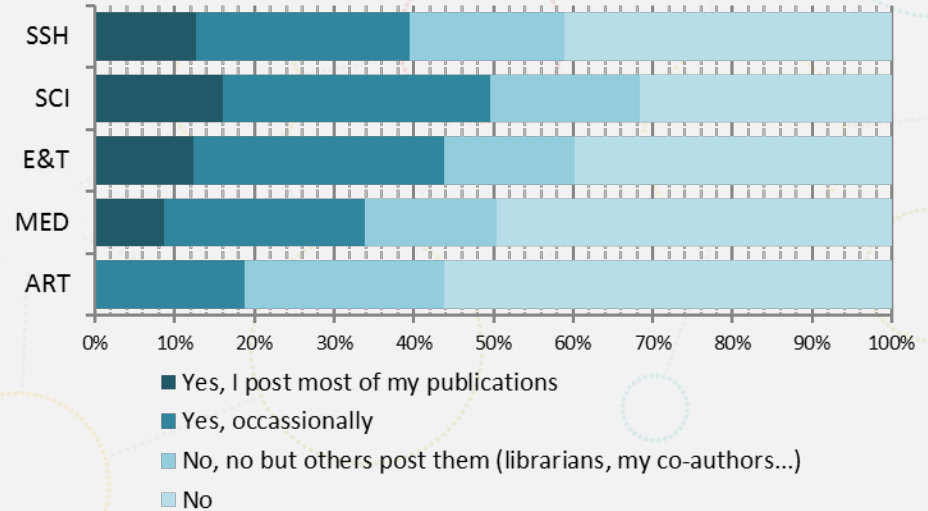
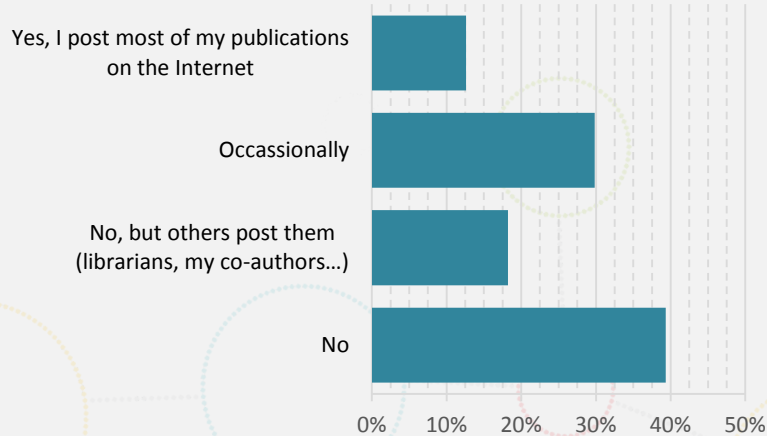


Types of publications in institutional repositories

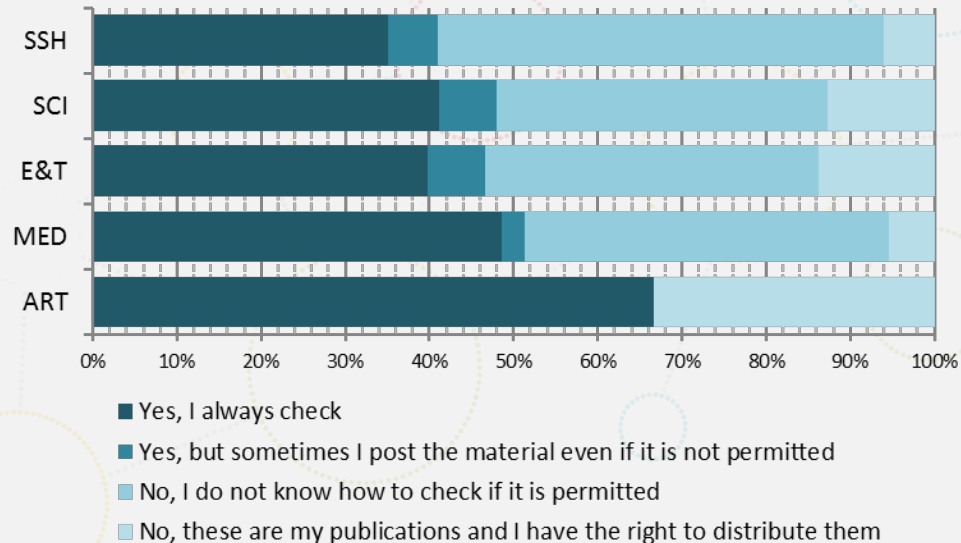
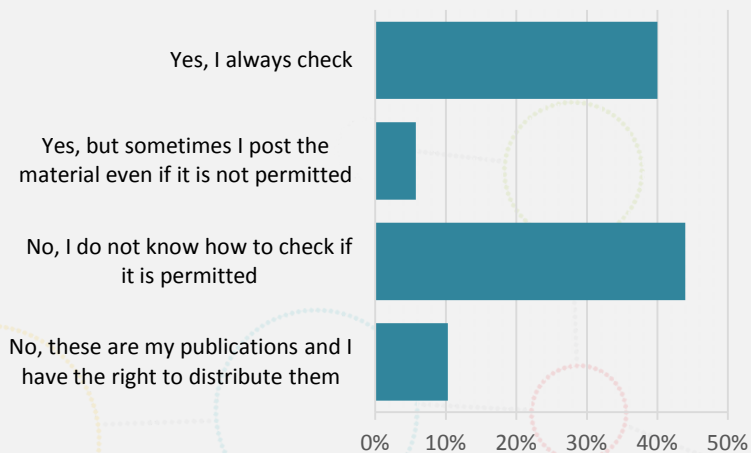


Self-perceived frequency of publishing in open access

Publication and dissemination strategies

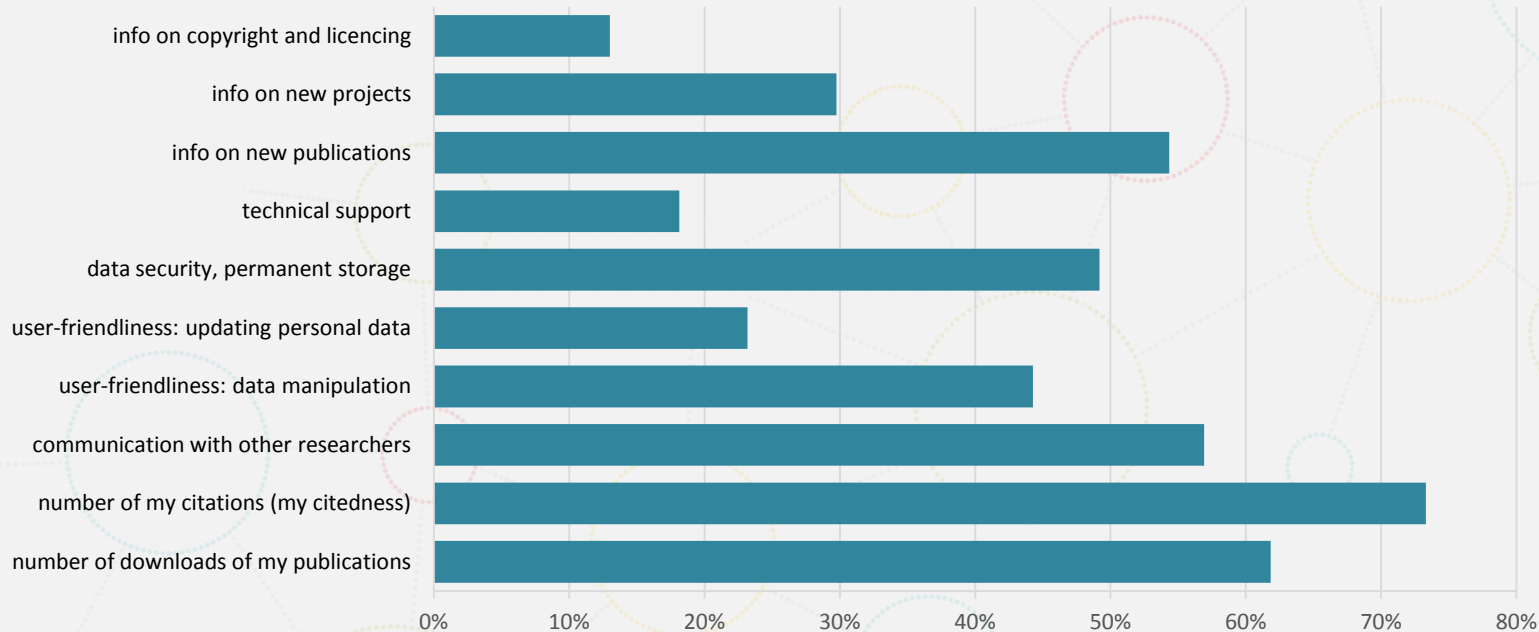


Posting one's own publications online



Awareness of the permissions for posting online

Publication and dissemination strategies

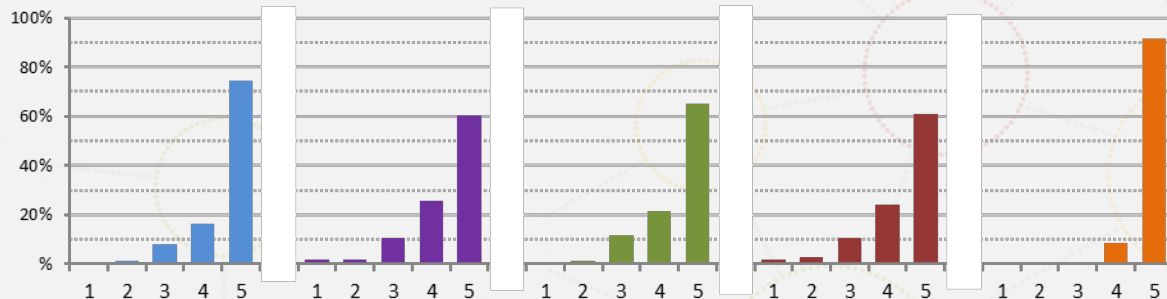


the importance of various features of an OA repository or service

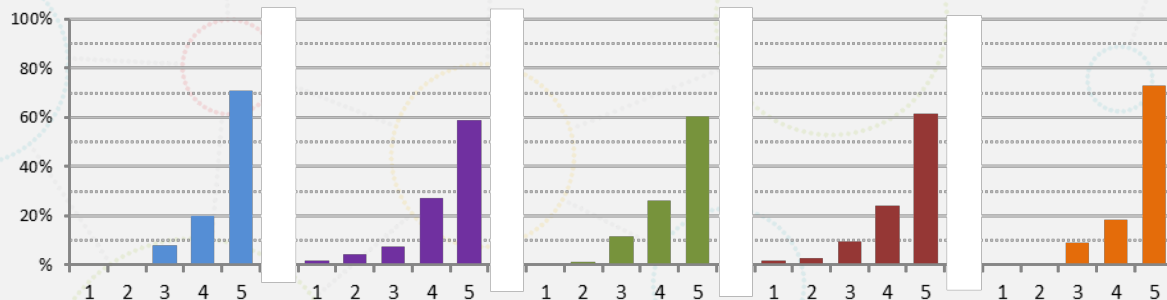


Attitudes, experience, and overall knowledge

perceived advantages of Open Access publishing



Better visibility and accessibility of my publications

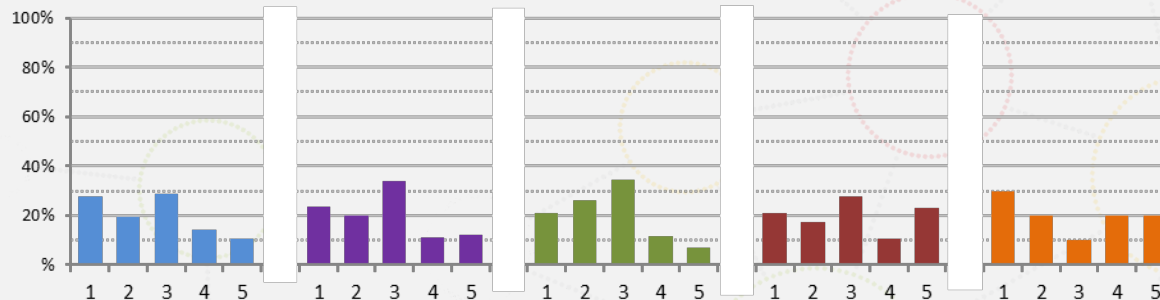


Better chance for my publications to be cited

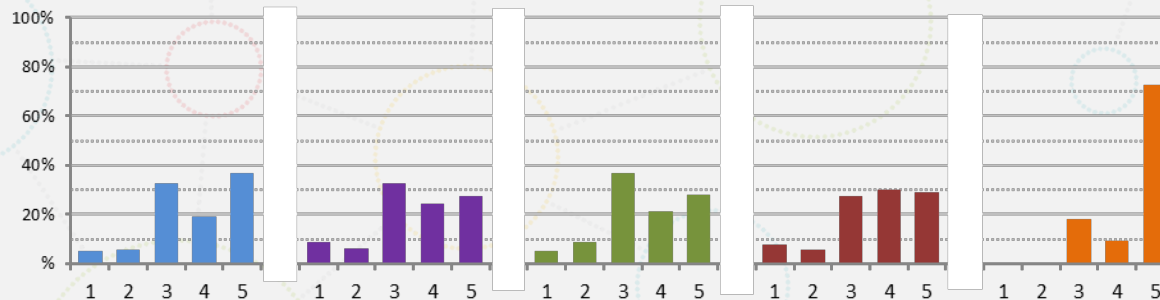
- SSH,
- SCI,
- E&T,
- MED,
- ART

Attitudes, experience, and overall knowledge

perceived
“advantages”
of Open
Access
publishing



Less rigorous review process

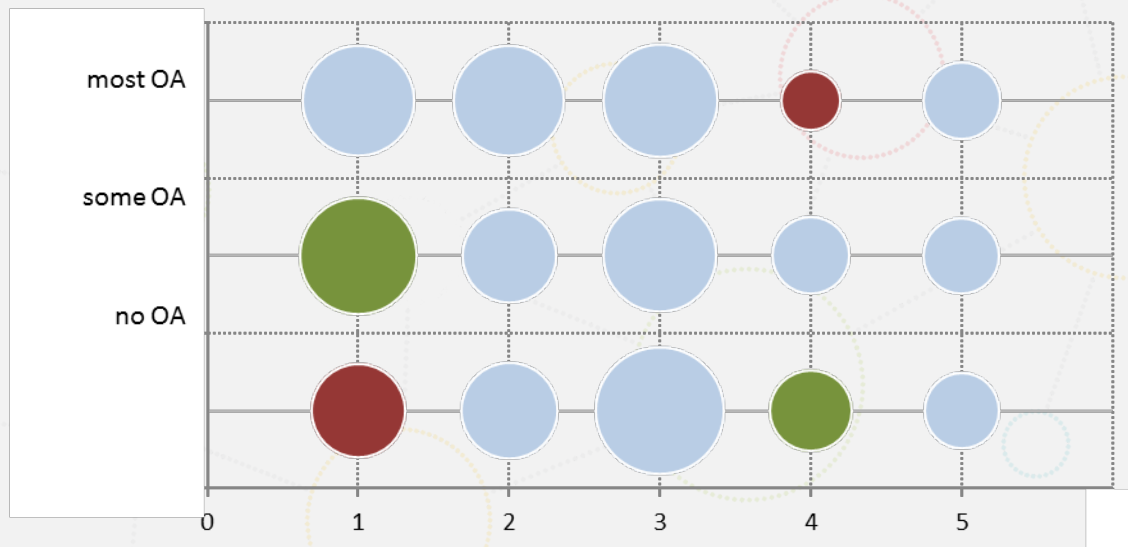


Possibility to keep copyright on my publications

- - SSH,
- - SCI,
- - E&T,
- - MED,
- - ART



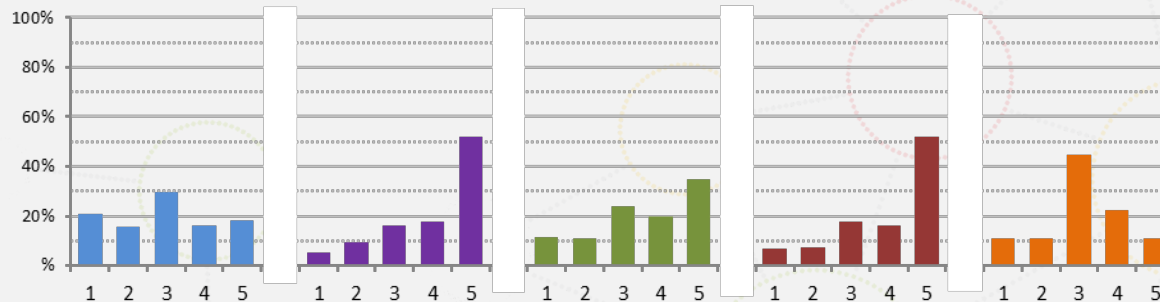
Experience in
OA publishing
enhances
knowledge



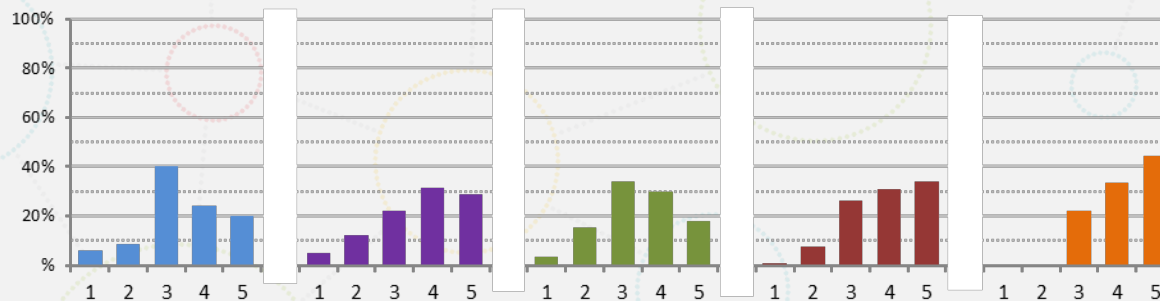
Relationship between the participants' perception that OA journals have less rigorous reviewing process and their actual experience with publishing in OA journals (standardized residuals shown)

Attitudes, experience, and overall knowledge

perceived disadvantages of Open Access publishing



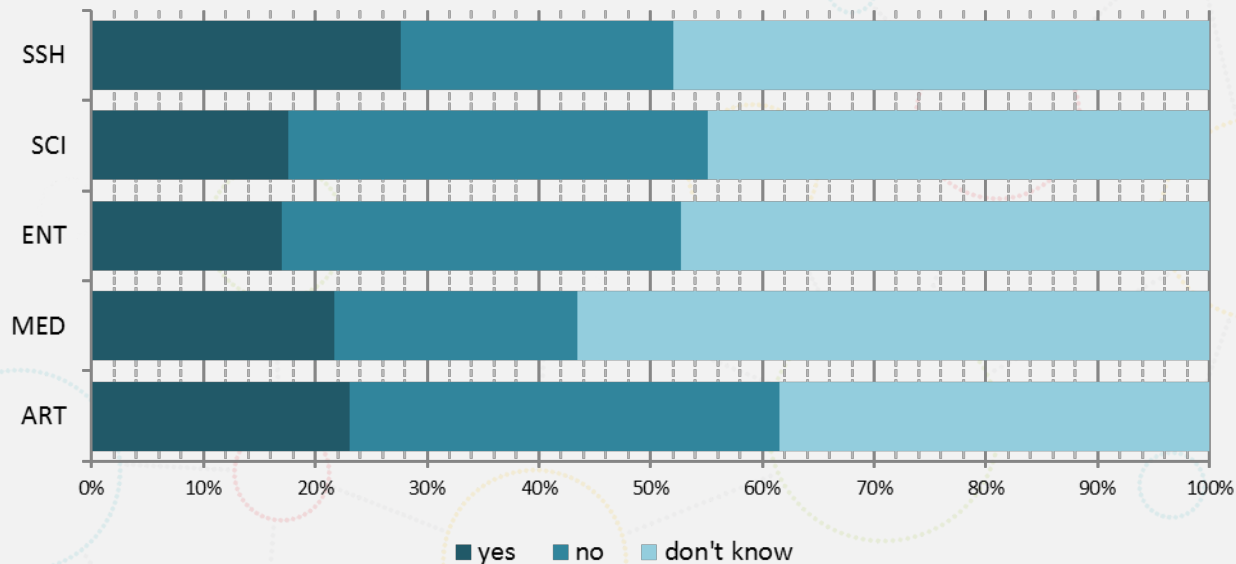
High publication fees



Dubious reputation of some OA publishers

- - SSH,
- - SCI,
- - E&T,
- - MED,
- - ART

Attitudes, experience, and overall knowledge



whether participants believe that there is a practice or a requisite to deposit data in OA in their subject area

- readiness for implementation of open science practices (estimated response rate 7.3% - 8.8%)
- modest level of experience with open science
- Importance of institutional repositories is underappreciated
- misconceptions about open science publishing present among all fields
- low level of knowledge about open data practices