



First results of the SOAP Project (What 40'000 scientists think of you)

*Suenje Dallmeier-Tiessen, Bettina Goerner, Robert Darby, Jenni Hyppoelae,
Peter Igo-Kemenes, Deborah Kahn, Simon Lambert, Anja Lengenfelder,
Chris Leonard, Salvatore Mele, Panayiota Polydoratou, David Ross,
Sergio Ruiz-Perez, Ralf Schimmer, Mark Swaisland and Wim van der Stelt*

BMC, CERN, MPDL, SAGE, Springer, STFC

Presented by
Salvatore Mele/CERN, SOAP project co-ordinator

COASP | 2nd Conference on Open Access Scholarly Publishing | Prague | 22-24 August 2010



project-soap.eu

- About the project
- Highlights from a study of OA journals today
- Results from a large-scale survey
- How can you help...

(...this afternoon at 17:15!)

- About the project
- Highlights from a study of OA journals today
- Results from a large-scale survey
- How can you help...

(...this afternoon at 17:15!)



SOAP

Study of Open Access Publishing

- Funded by the European Commission
- Framework Program 7 – Science and Society
- Scheduled to run from March 2009 to February 2011
- Compare and contrast supply/demand for OA publishing
- Publishers, Libraries, Funding Agencies



MAX-PLANCK-GESELLSCHAFT



Science & Technology
Facilities Council



BioMed Central
The Open Access Publisher



Springer

science+business media

- About the project
- **Highlights from a study of OA journals today**
- Results from a large-scale survey
- How can you help...

(...this afternoon at 17:15!)

A study of OA journals today

- Assess the supply of OA publishing outlets today
- Start from the DOAJ
- Collect additional information
 - SCOPUS, ISI-JCR, EZB, SCImago, ask friends and colleagues
 - Trawl through thousands of web pages
- Answer key questions
 - How many articles, journals, publishers?
 - In which discipline, with which license?
 - Where does the money come from?
 - ...
- Some highlights in the following pages

How many?

Journals/Publisher	Publishers		Total journals		Total articles/year	
1	1,621	90 %	1,621	57 %	63,887	55 %
2 to 9	171	9 %	491	17 %	25,442	22 %
10 to 49	12	1 %	190	7 %	12,623	11 %
≥ 50	5	<1 %	536	19 %	14,931	13 %
Total	1,809		2,838		116,883	

- English language journals
- 90% of publishers <100 articles/year and 1/3 of total
- 10% of publishers publish 2/3 of the total
- 14 “large publishers”:
 - 40K articles/year in 616 journals, 30% of the total
 - 6 commercial, 6 no-profit, 2 N/A

The 14 “large” publishers >1000 articles or >50 journals

Publisher name	Journals	Articles/year	Publisher type
BioMed Central	176	8,993	publishing house commercial
International Union of Crystallography	1	5,165	other non-profit
Public Library of Science	7	4,368	publishing house non-profit
Asian Network for Scientific Information	13	2,514	publishing house commercial
Hindawi Publishing Corporation	85	2,044	publishing house commercial
Copernicus Publications	18	2,012	publishing house non-profit
Optical Society of America	1	1,961	learned society non-profit
World Academy of Science, Engineering and Technology	18	1,960	other N/A
Bentham Open	154	1,663	publishing house commercial
Medknow Publications	59	1,574	publishing house commercial
Indian Academy of Sciences	10	1,152	learned society non-profit
Oxford University Press	2	1,032	other non-profit
Academic Journals	10	1,001	publishing house N/A
Internet Scientific Publications	62	657	publishing house commercial

About what?

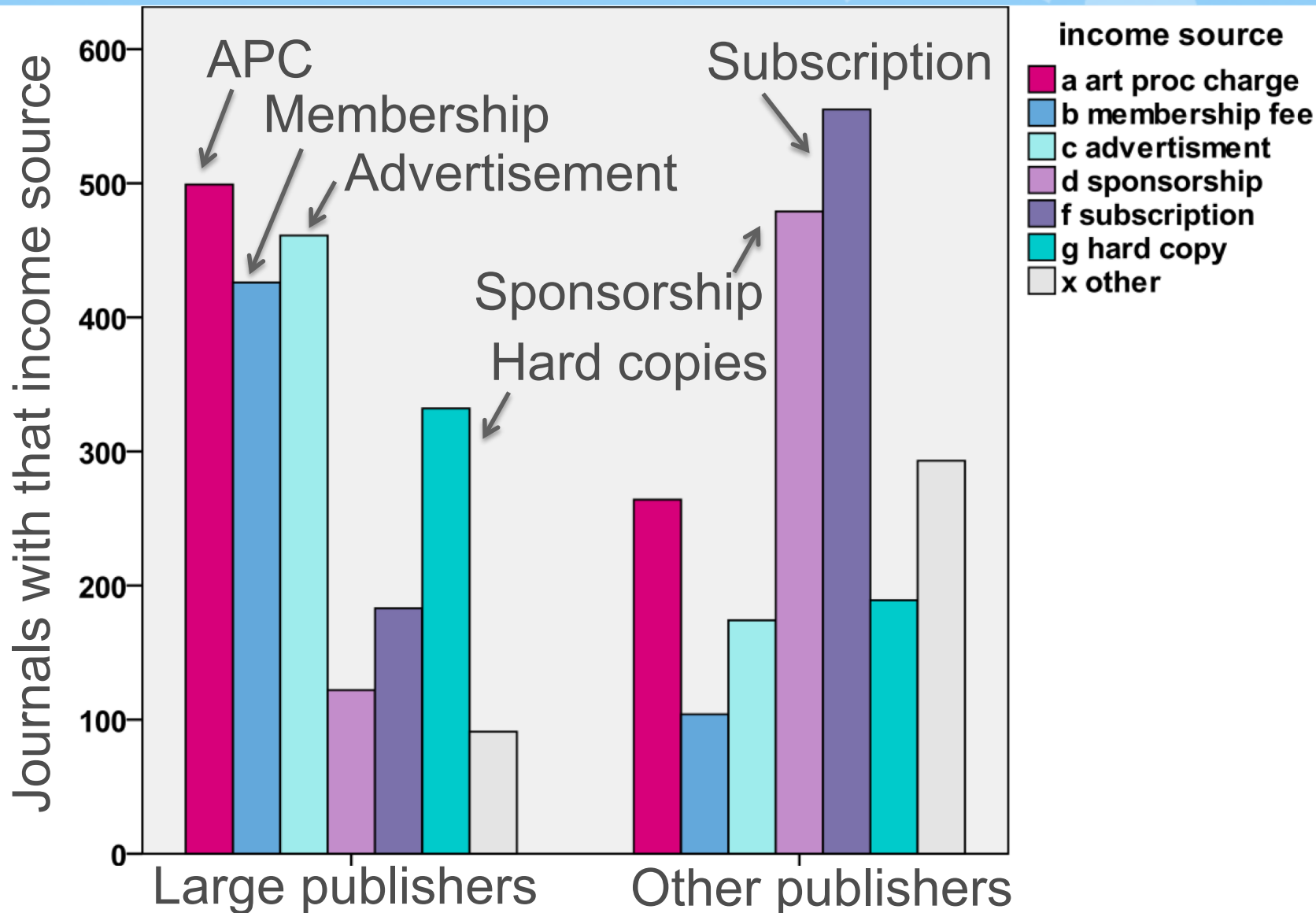
Subject category	Publishers		Journals		Articles/year	
cpt – Chemistry, Physics and Technology (includes Mathematics and Astronomy)	360	20%	549	19%	33,158	28%
bio – Biology and Life Sciences	355	20%	533	19%	24,767	21%
med – Medicine and Health Sciences	406	22%	806	28%	32,879	28%
soc – Social Sciences	533	29%	611	22%	13,506	12%
hum – Humanities	258	14%	276	10%	5,030	4 %
gen – General works	63	3%	63	2%	7,543	6%
Total	1,809		2,838		116,883	

- 2/3 of journals in STM; 1/3 in SSH
- 3/4 of articles in STM; 1/4 in SSH
- “Large publisher” almost exclusively STM

- 1/2 of “Large” publishers use Creative Commons
 - 82% CC-by, 18% CC-by-nc
 - 72% of journals, 71% of articles
- “Other” publishers
 - 73% only with available information
 - 21% use some CC version
 - 10% state “authors retains copyright”

Presence of income sources

NB – No information on income amount



- About the project
- Highlights from a study of OA journals today
- **Results from a large-scale survey**
- How can you help...

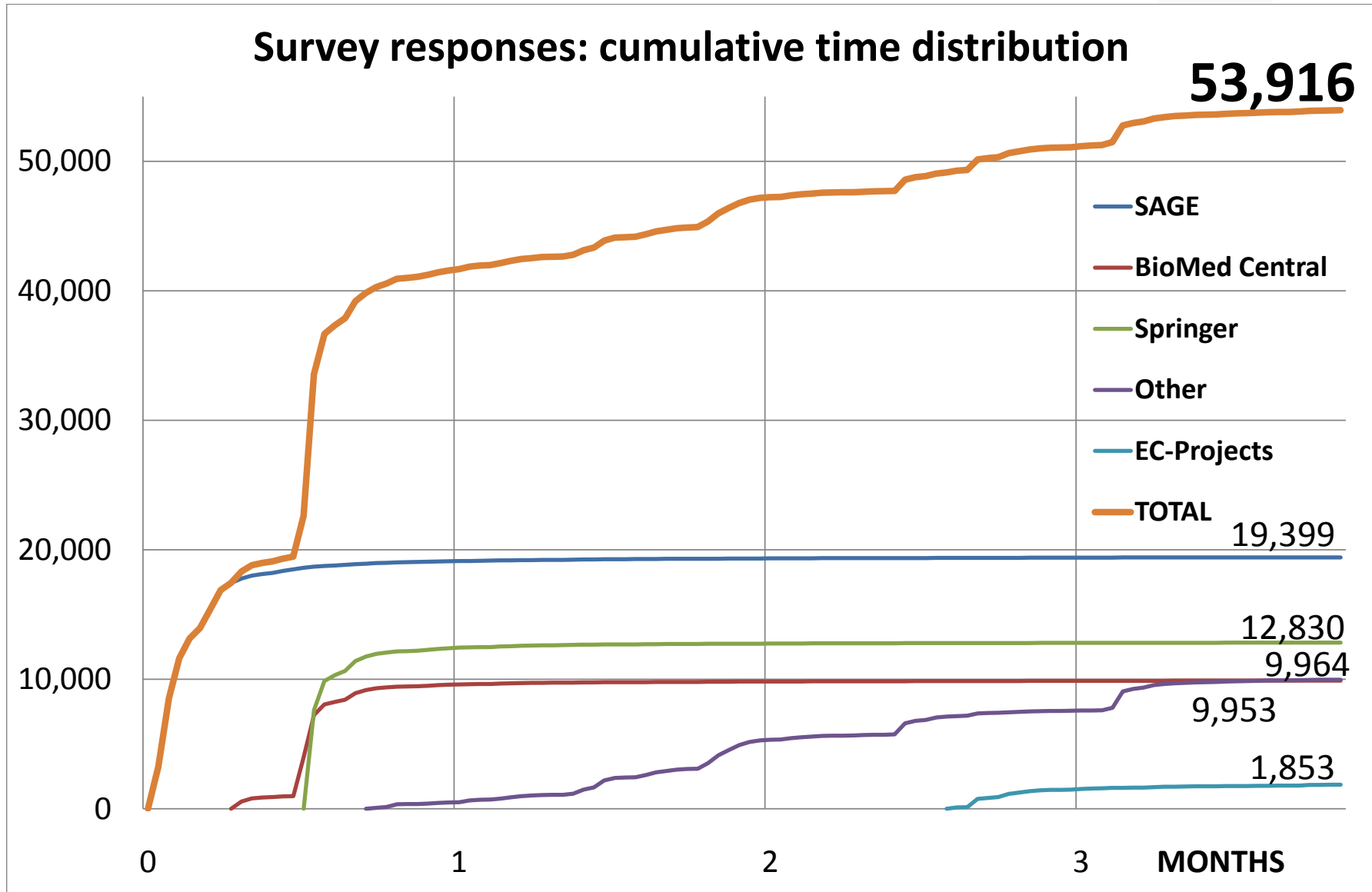
(...this afternoon at 17:15!)

The SOAP survey

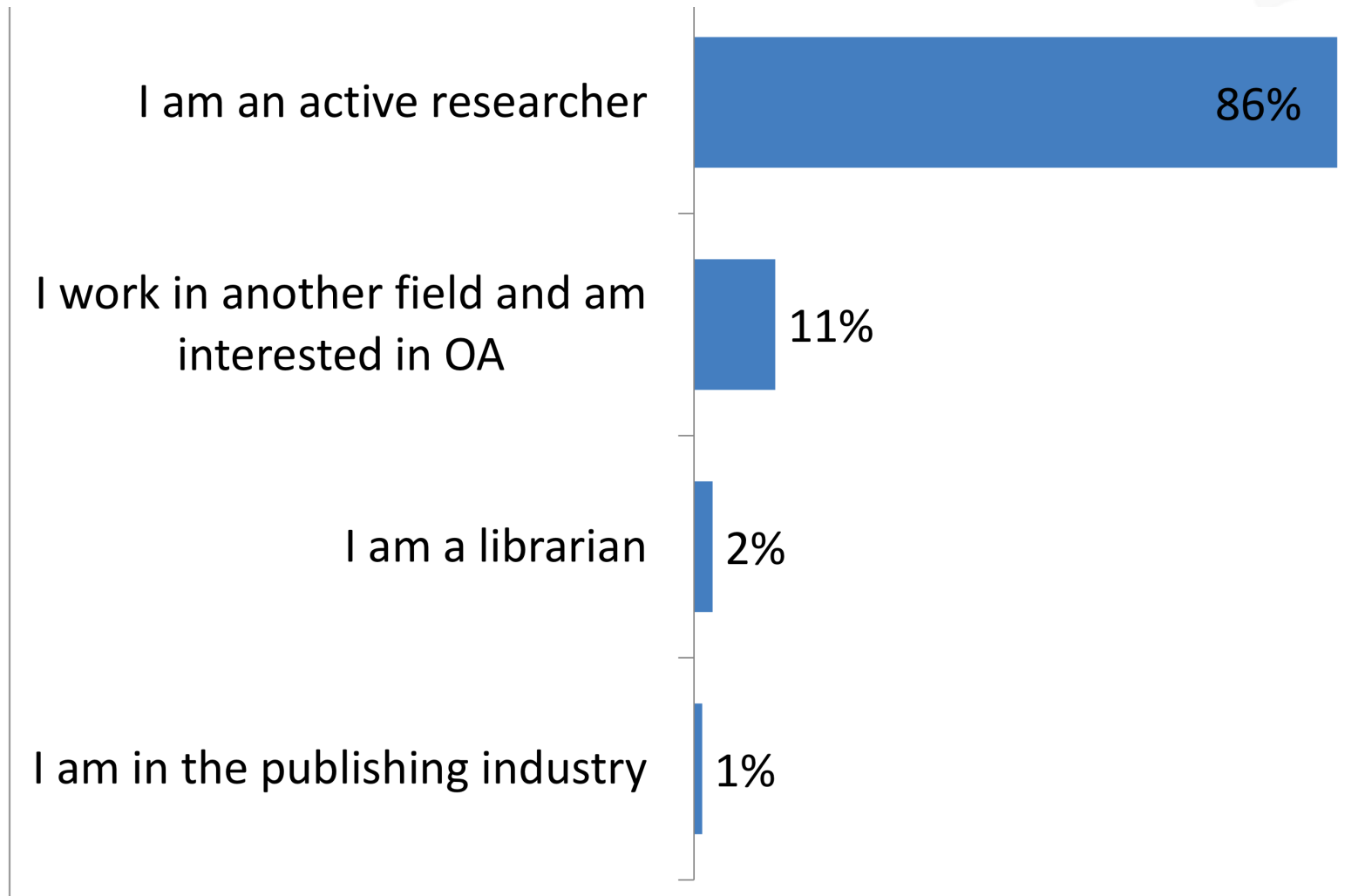
- 23 Questions
- Available at http://surveymonkey.com/soap_survey_g
- Live since 3 months
- Dissemination through:
 - SOAP partners and contacts
 - Library mailing lists, SPARC-Europe, LIBER
 - Many, many, many publishers
 - OASPA !

You were wonderful! Thanks!
- Estimate dissemination to >1.5 million people

The SOAP survey

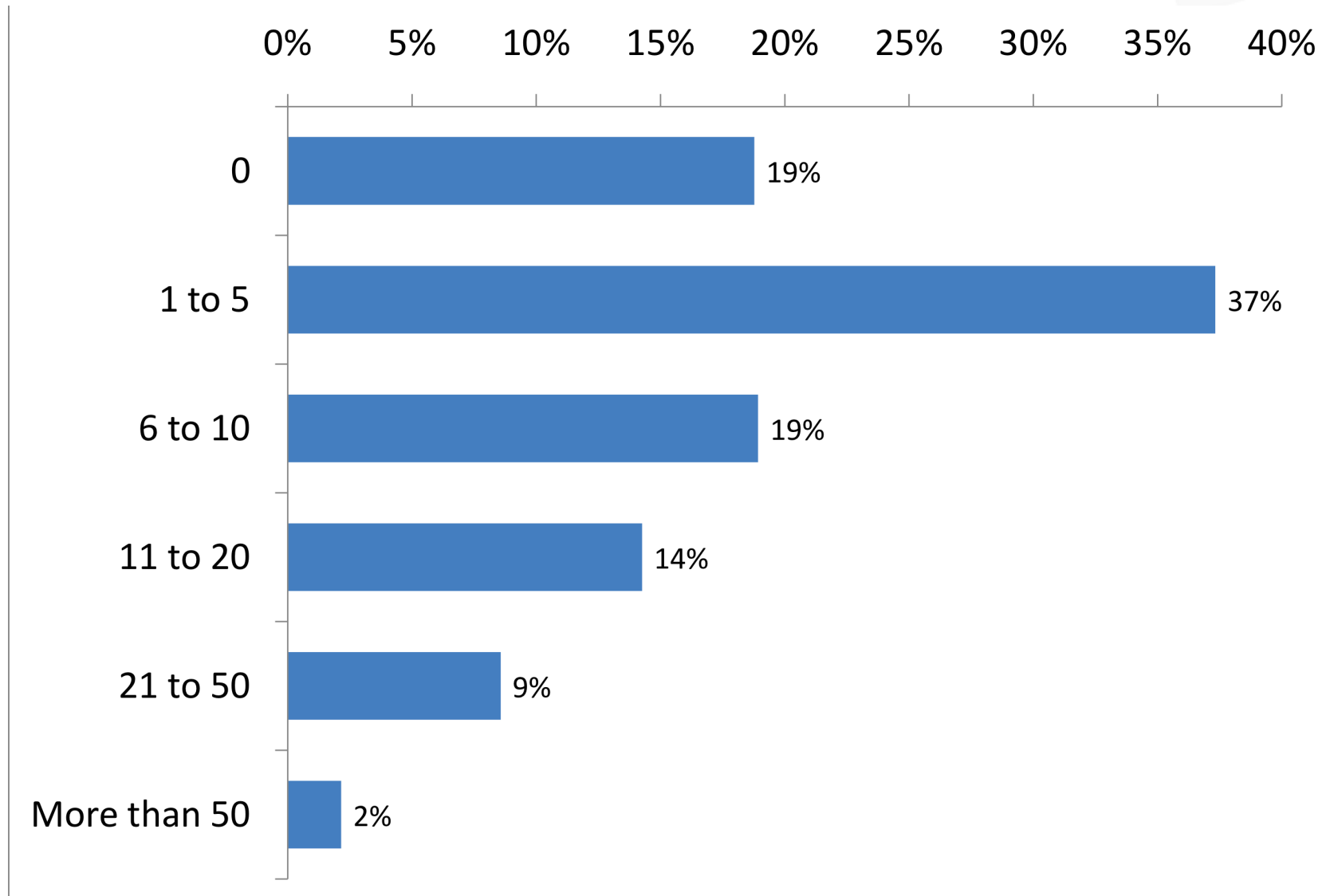


Are you involved in research?



Preliminary

How many articles have you published ?



Preliminary



Preliminary

Who ?
Beliefs
Actions

Who ?

- Demographics

Beliefs

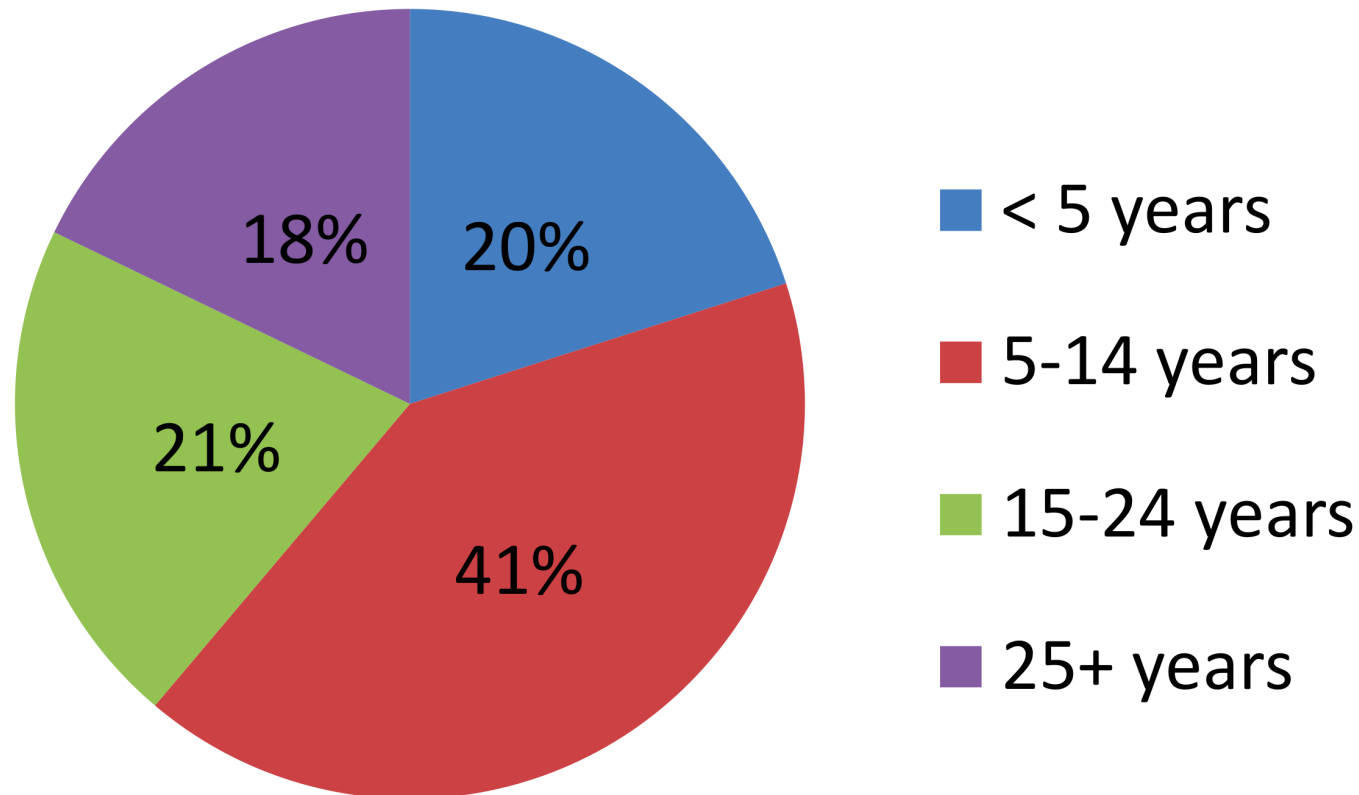
- Likes OA? Why? Why not?

Actions

- Publishes OA? Why not?
- Who pays? How? How easy?

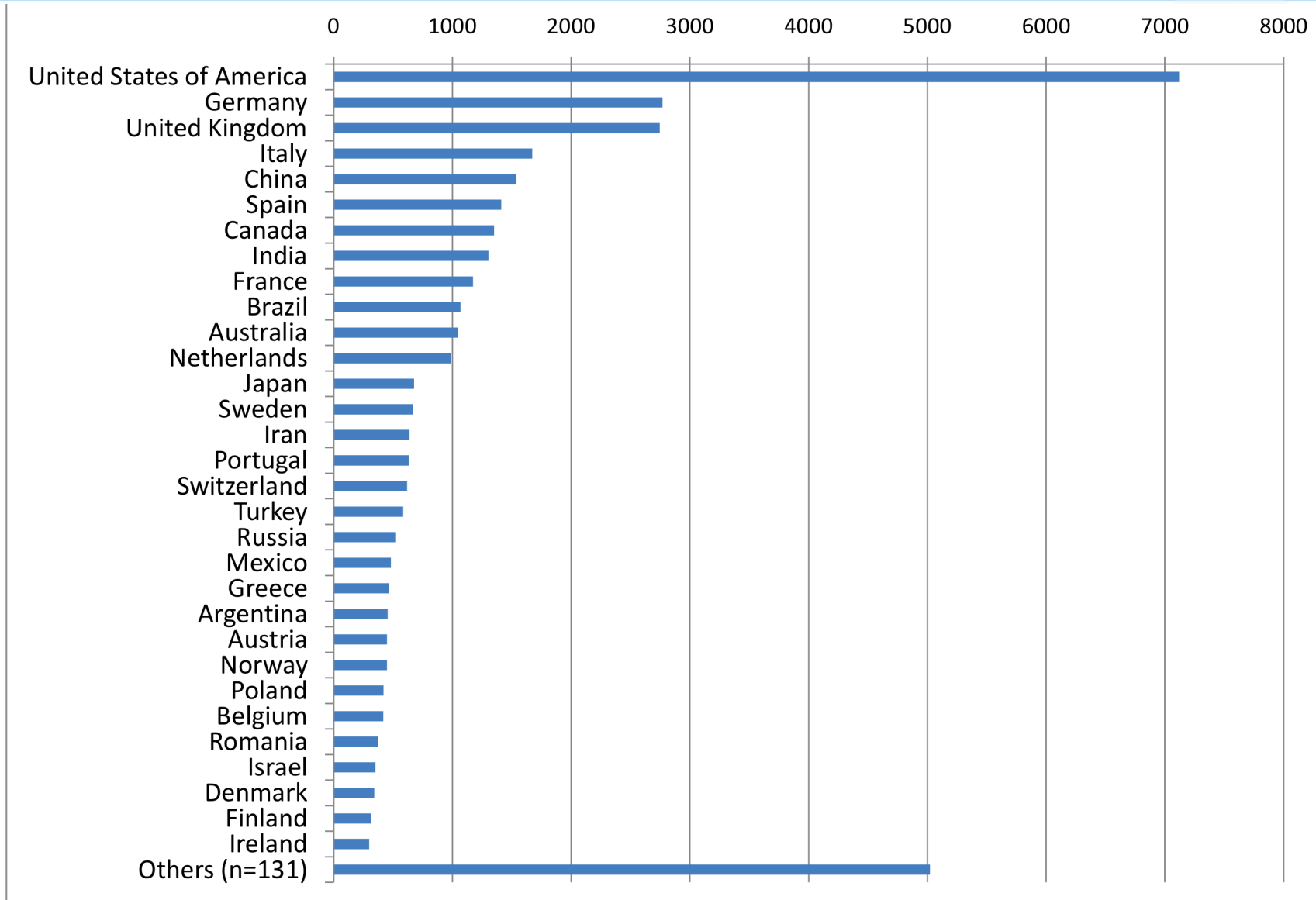
Who ?
Beliefs
Actions

Years employed in research



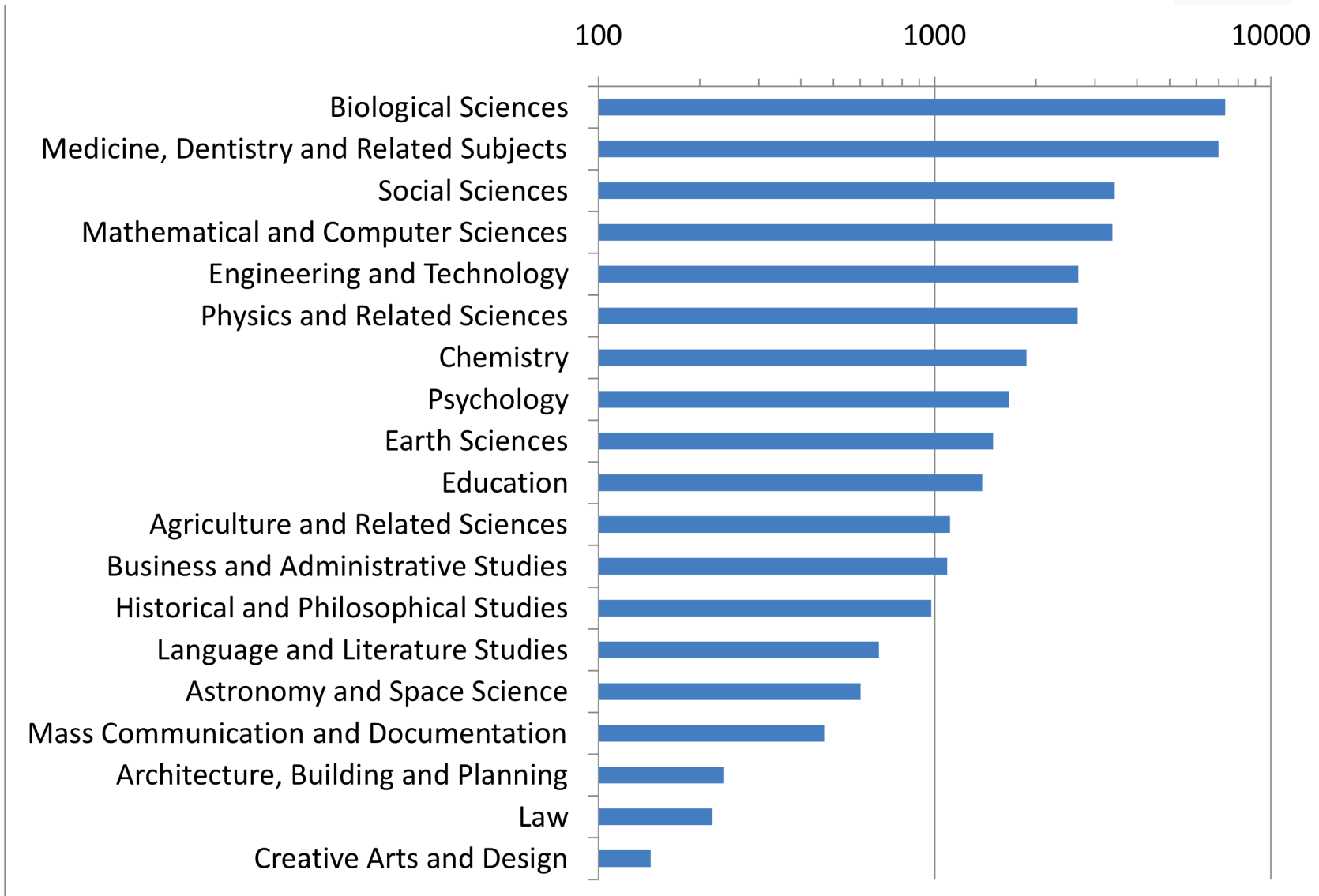
Preliminary

Distribution by country



Preliminary

Distribution by disciplines

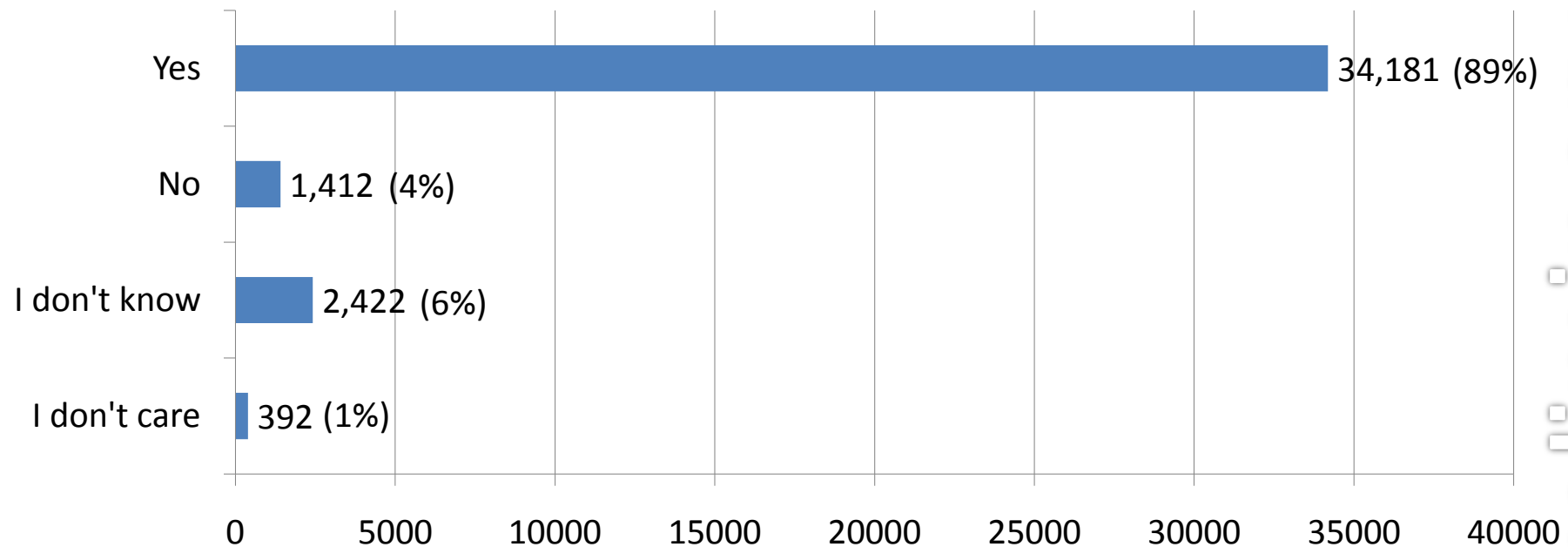


Preliminary

Preliminary results

Who ?
Beliefs
Actions

Would OA journals be beneficial for your field?



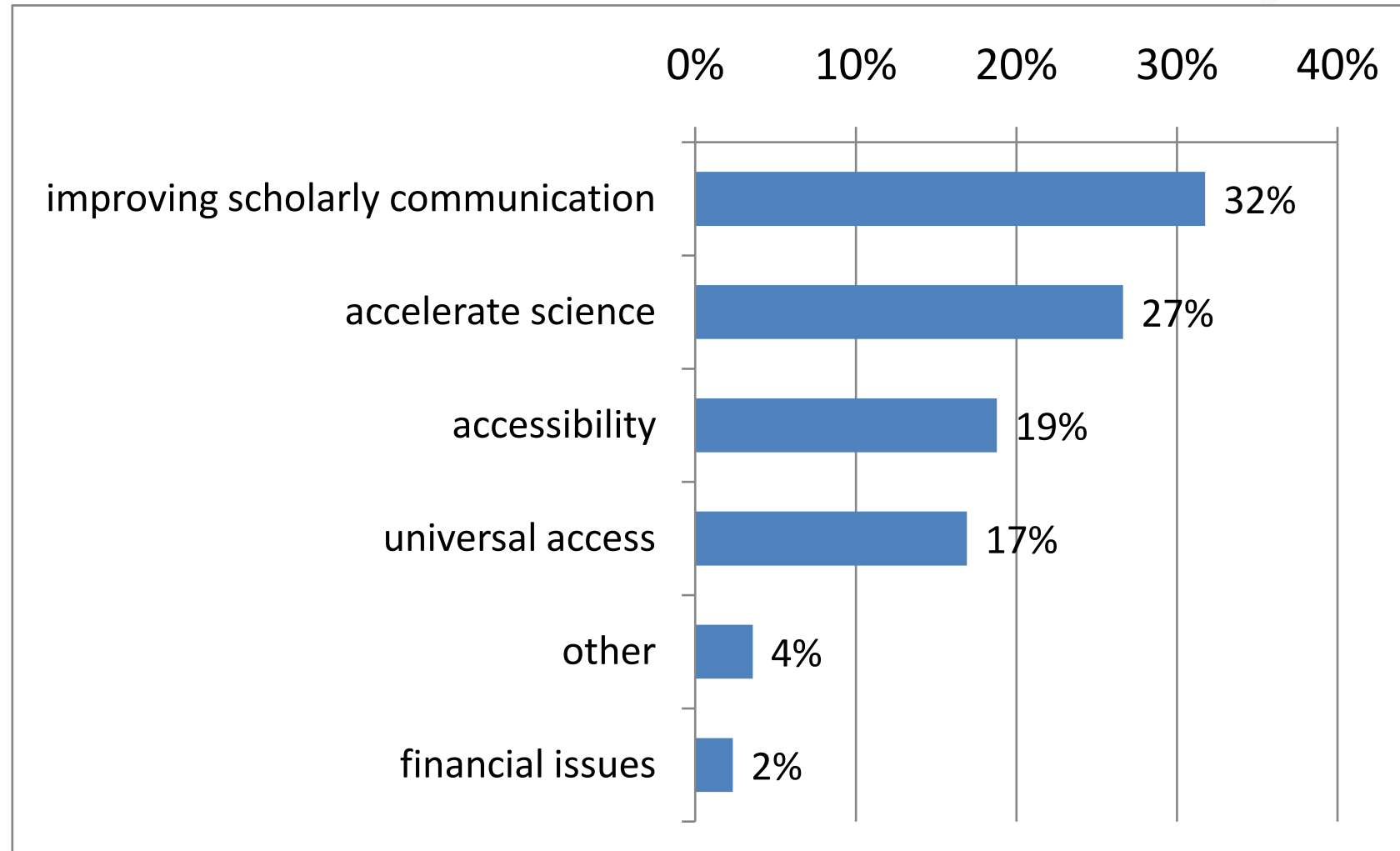
Preliminary

No large differences according to seniority and number of articles

Why?

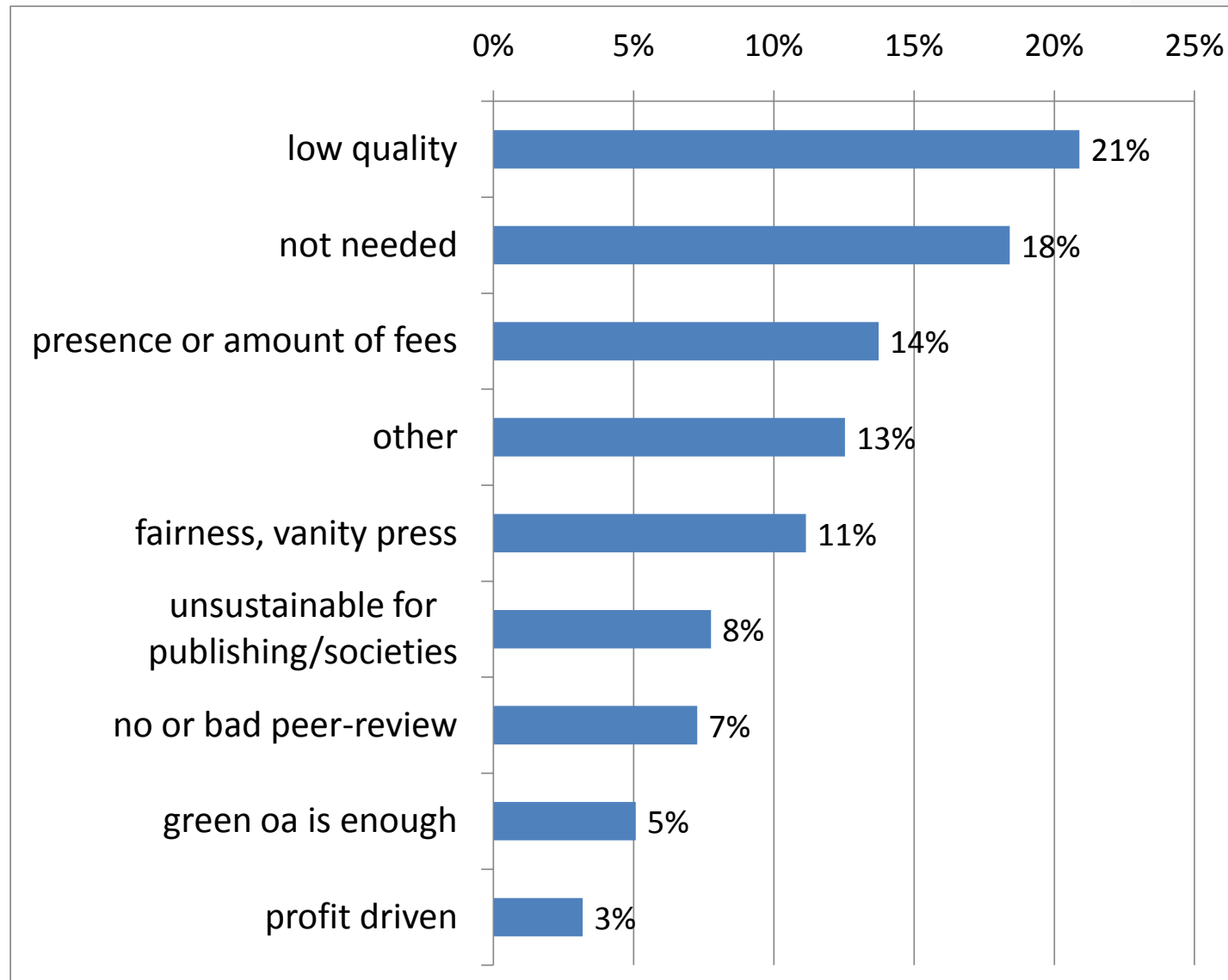
>22'000 answers, 1/2 million words

Why yes? (Only 14% read so far)



Preliminary

Why not? (n=1005)

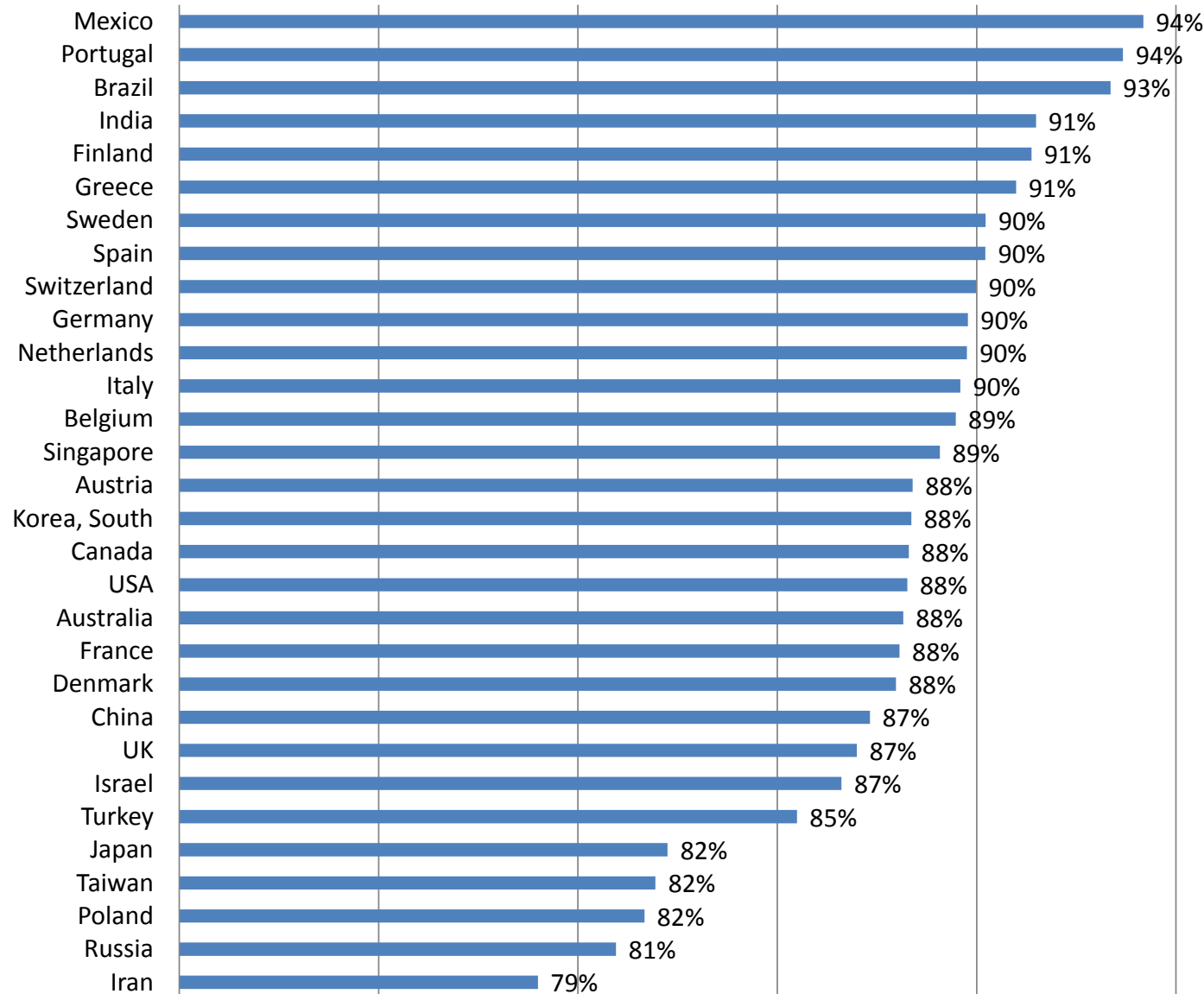


Preliminary

Would OA journals be beneficial for your field?

By country

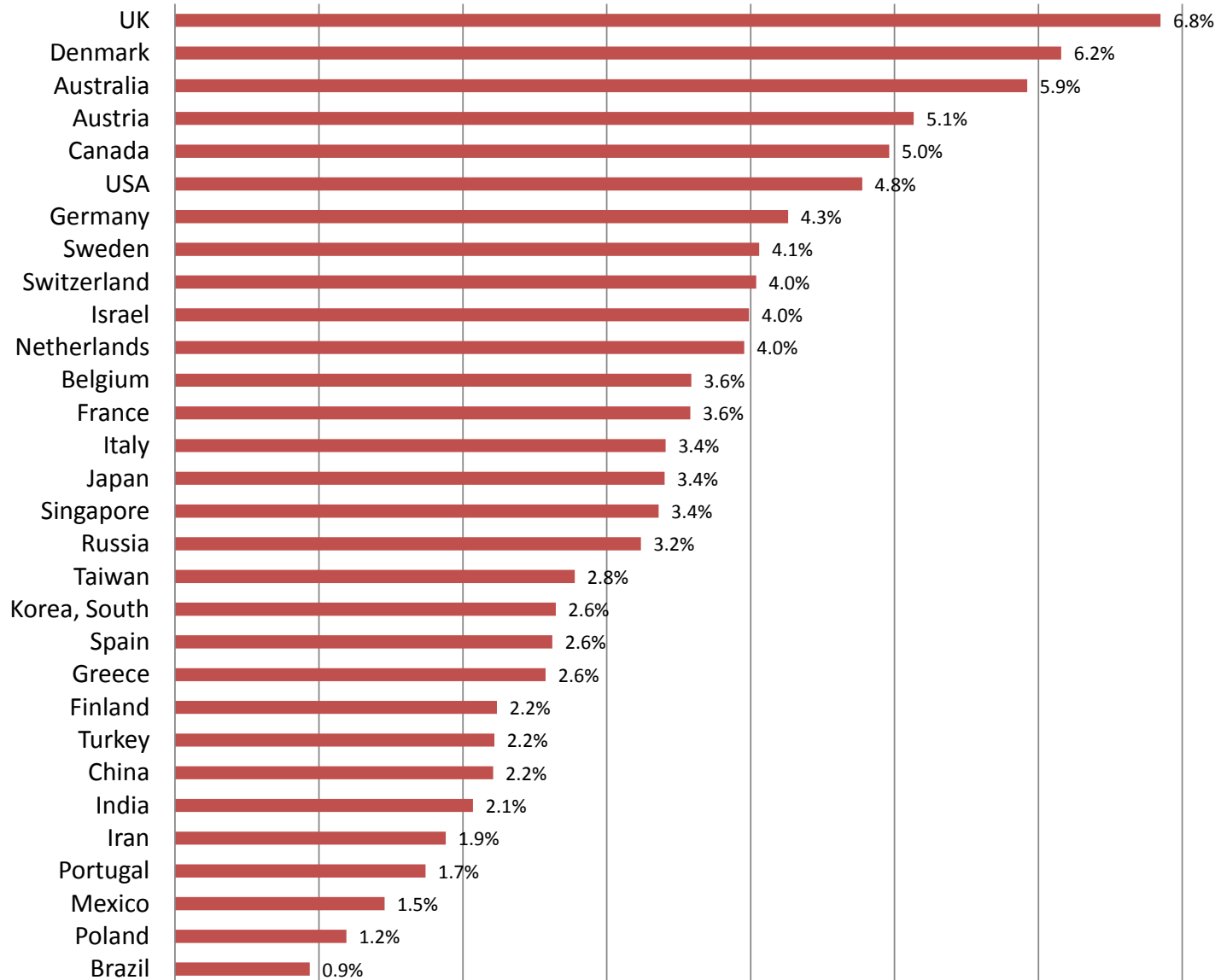
Would OA journals be beneficial for your field?



Yes

Preliminary

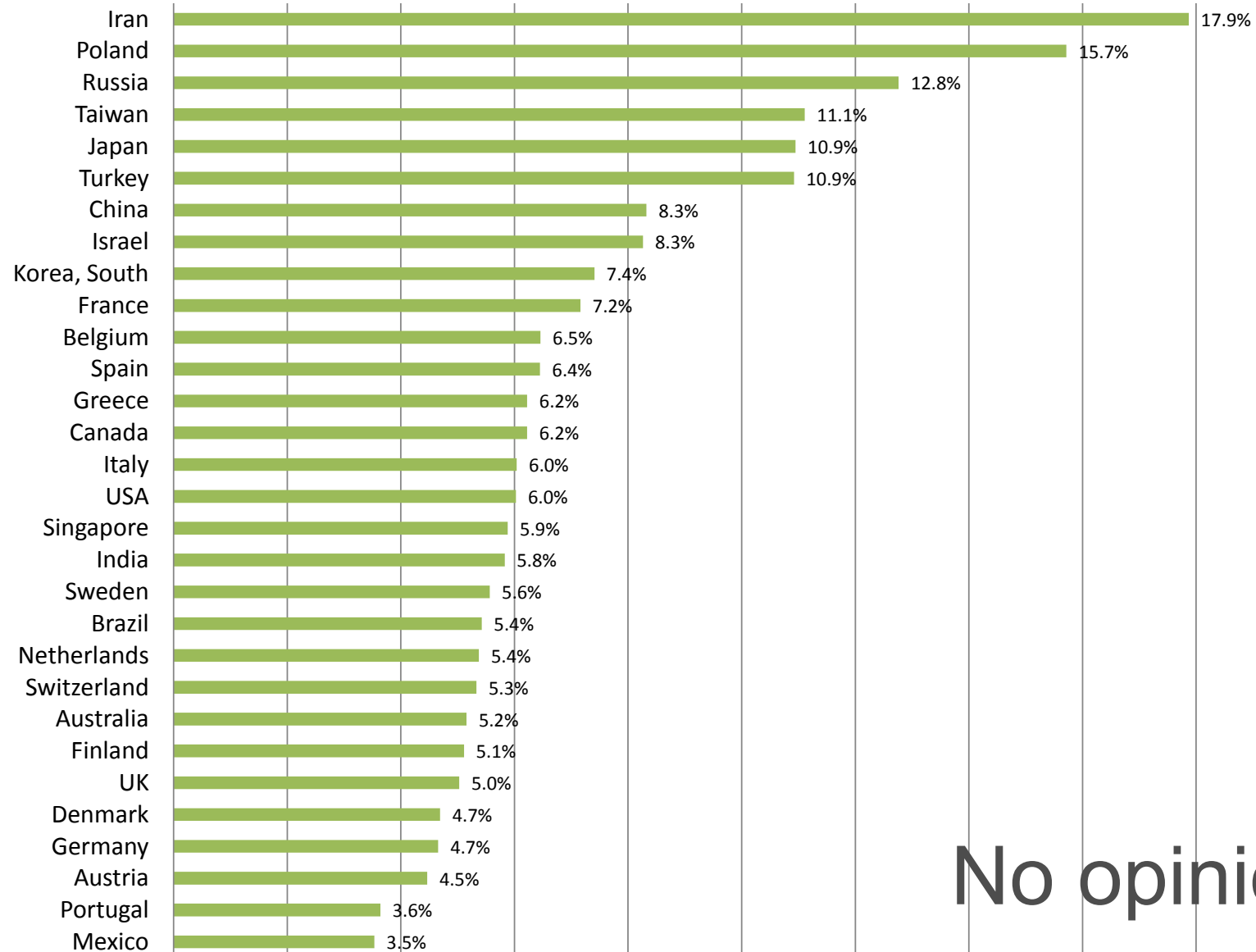
Would OA journals be beneficial for your field?



No

Preliminary

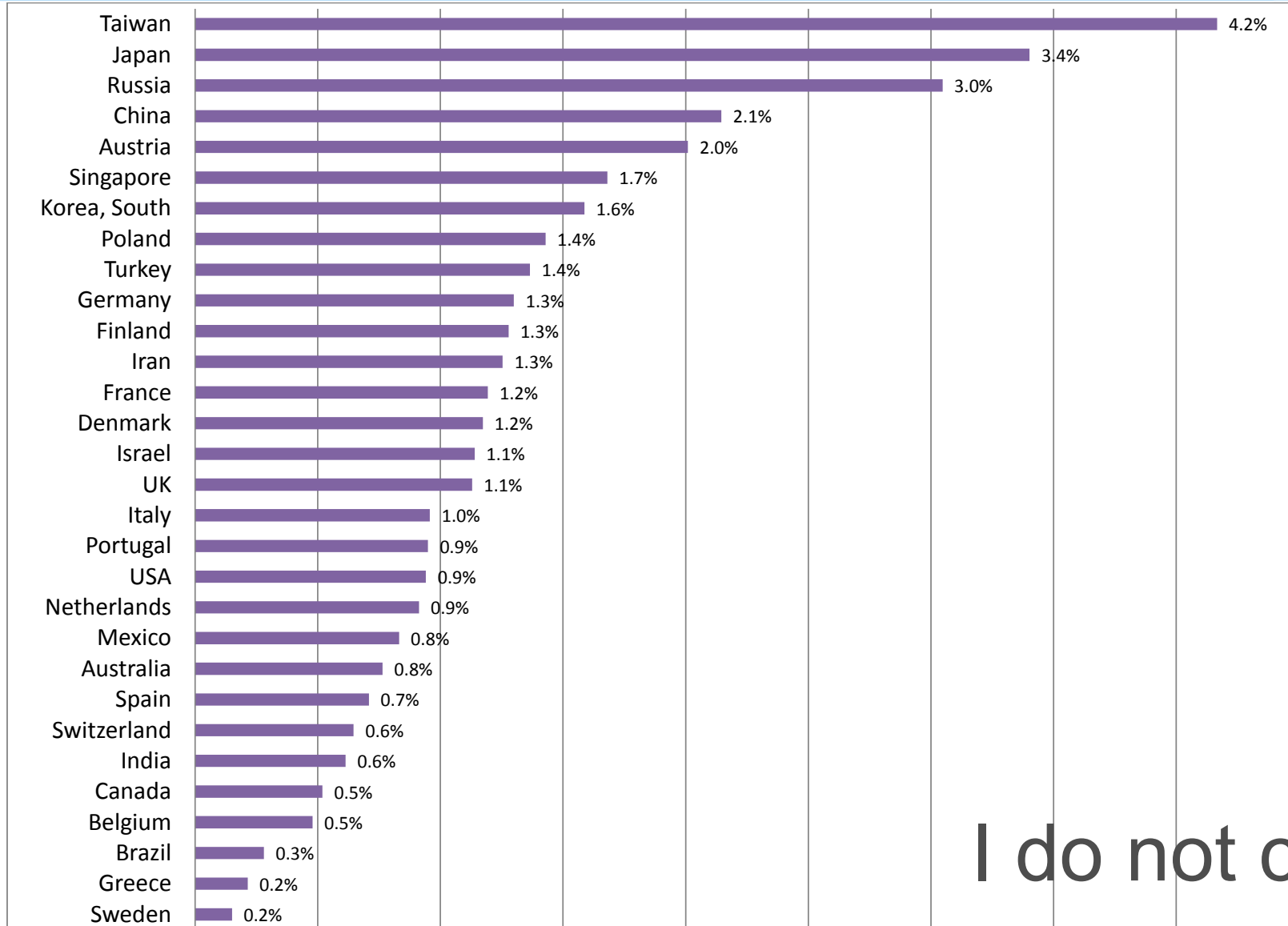
Would OA journals be beneficial for your field?



Preliminary

No opinion

Would OA journals be beneficial for your field?



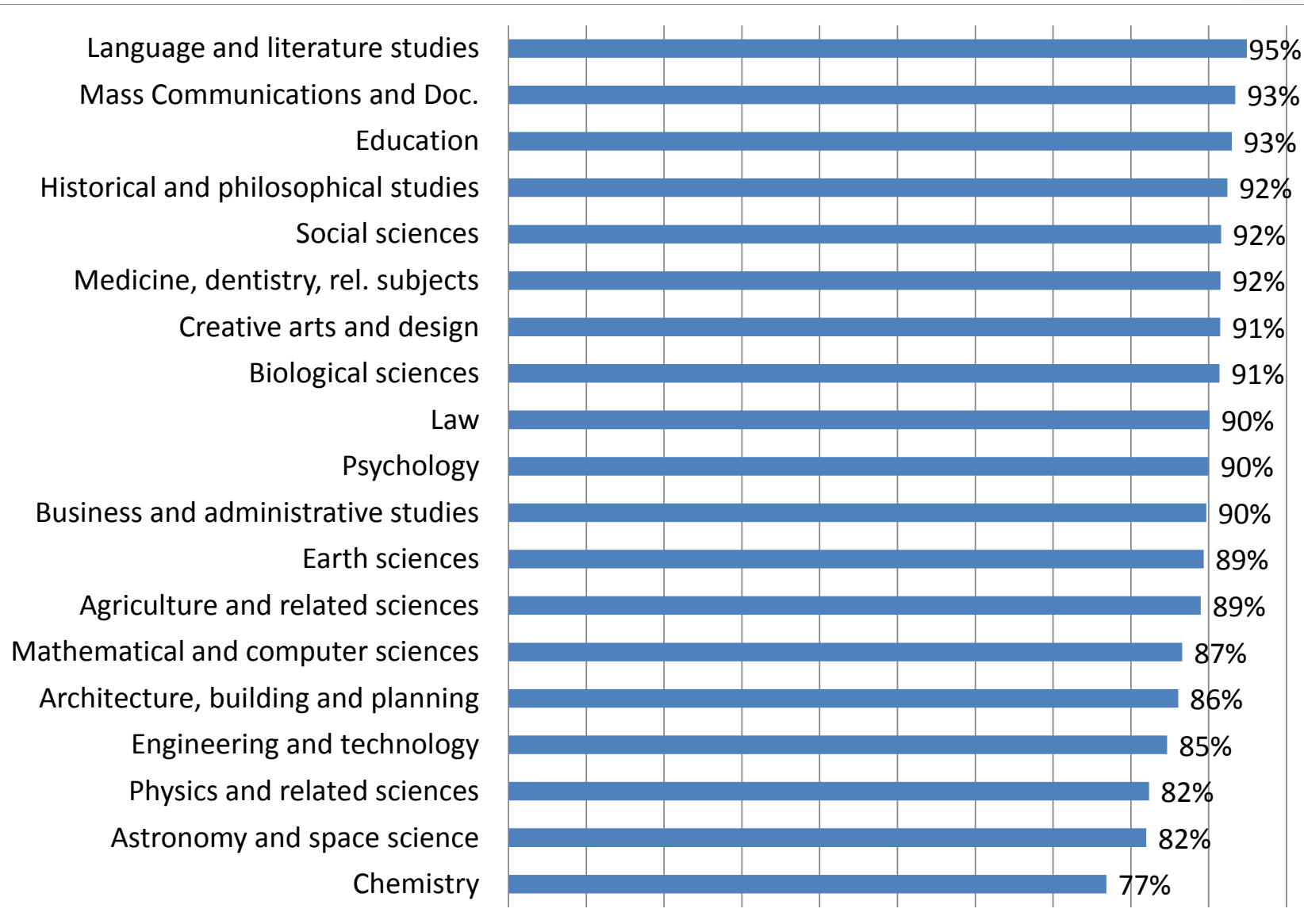
Preliminary

I do not care

Would OA journals be beneficial for your field?

By field

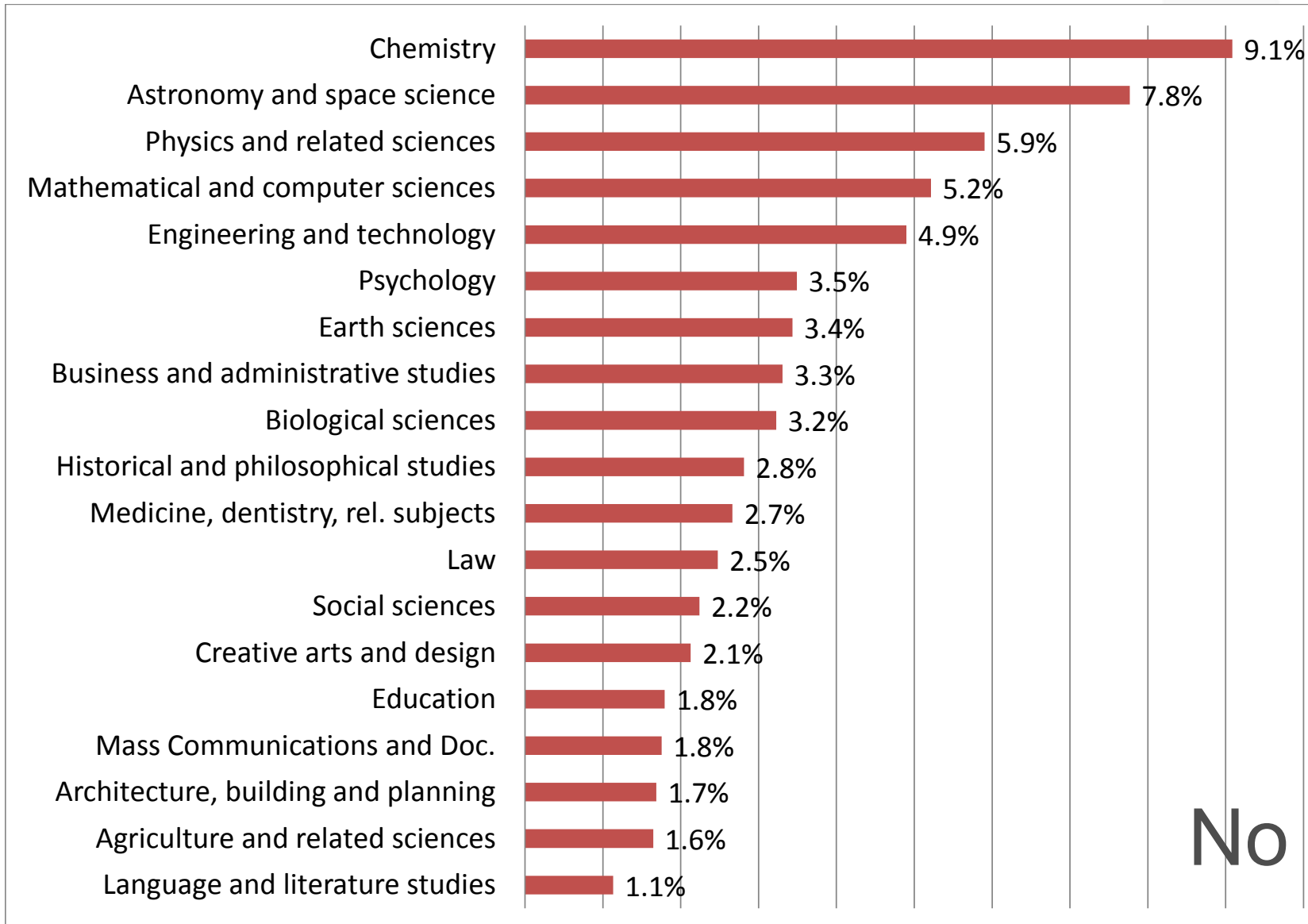
Would OA journals be beneficial for your field?



Yes

Preliminary

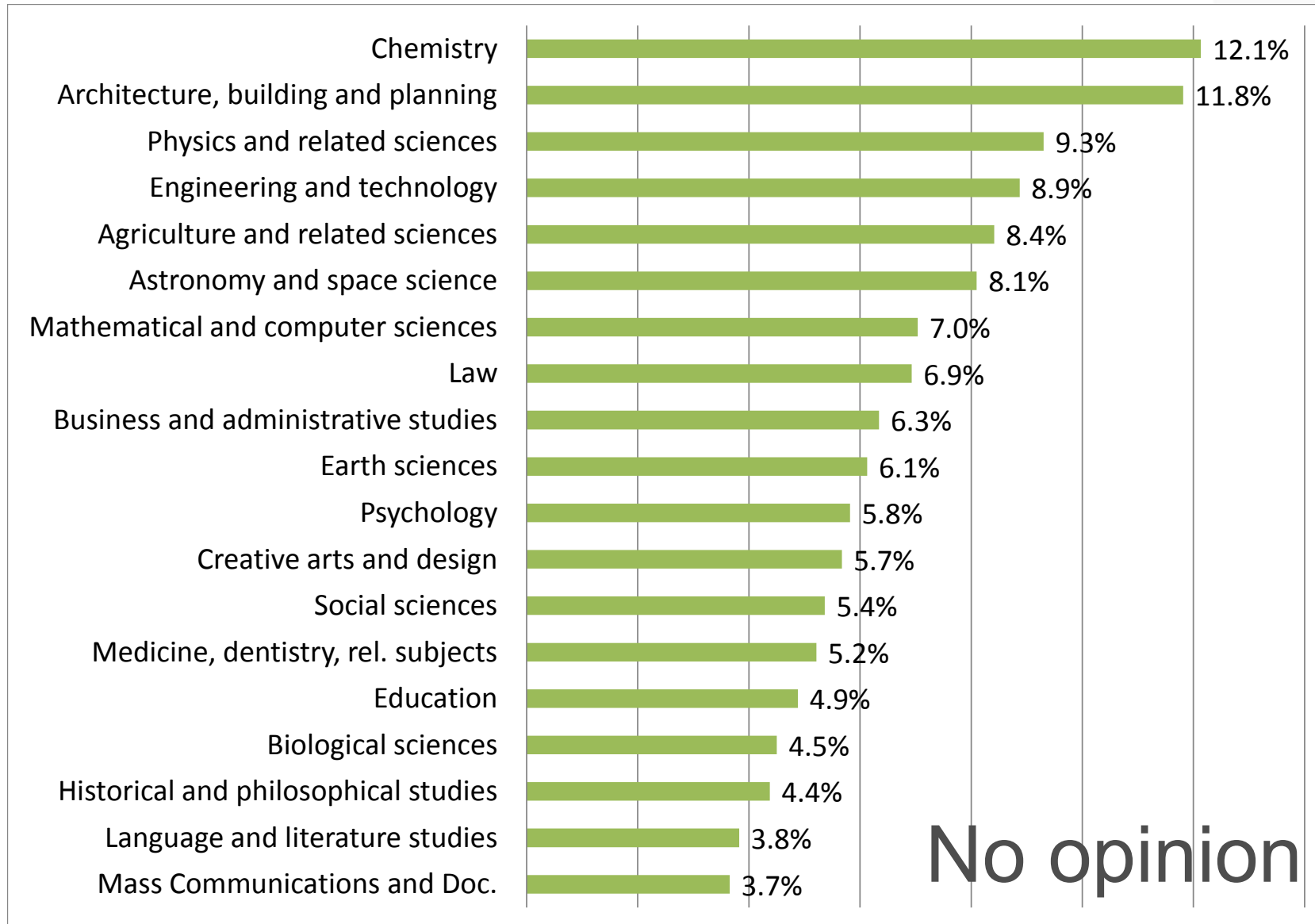
Would OA journals be beneficial for your field?



Preliminary

No

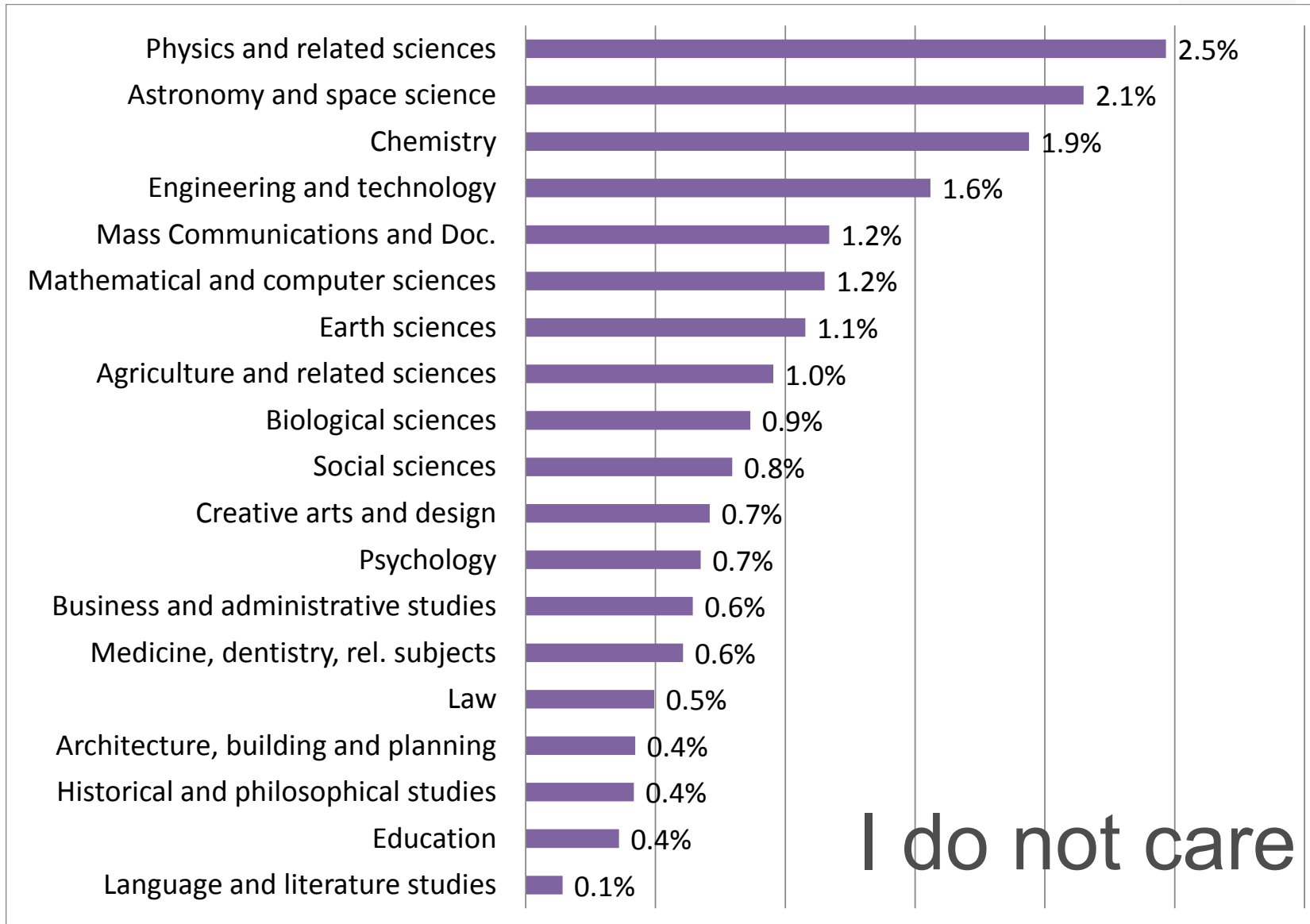
Would OA journals be beneficial for your field?



Preliminary

No opinion

Would OA journals be beneficial for your field?



Preliminary

I do not care

Beliefs about OA – positive

1 Strongly agree; 2 Neutral; 3 Disagree; 4 Strongly disagree

Would OA journal be beneficial? Yes Negative

Publicly-funded research should be made available to be read and used without access barrier	1.5	2.2
Researchers should retain the rights to their published work and allow it to be used by others	2.0	2.2
Articles that are available by OA are likely to be read and cited more often than those not OA	2.1	3.0

Preliminary

Beliefs about OA – neutral

1 Strongly agree; 2 Neutral; 3 Disagree; 4 Strongly disagree

Would OA journal be beneficial? Yes Negative

Open Access publishing is more cost-effective than subscriptions and will benefit public investment in research	2.4	3.1
If authors pay OA publication fees there will be less money available for research	2.6	2.3
OA unfairly penalises research-intensive institutions with large publication output by making them pay high costs for publication	3.0	2.6

Preliminary

Beliefs about OA – negative

1 Strongly agree; 2 Neutral; 3 Disagree; 4 Strongly disagree

Would OA journal be beneficial? Yes Negative

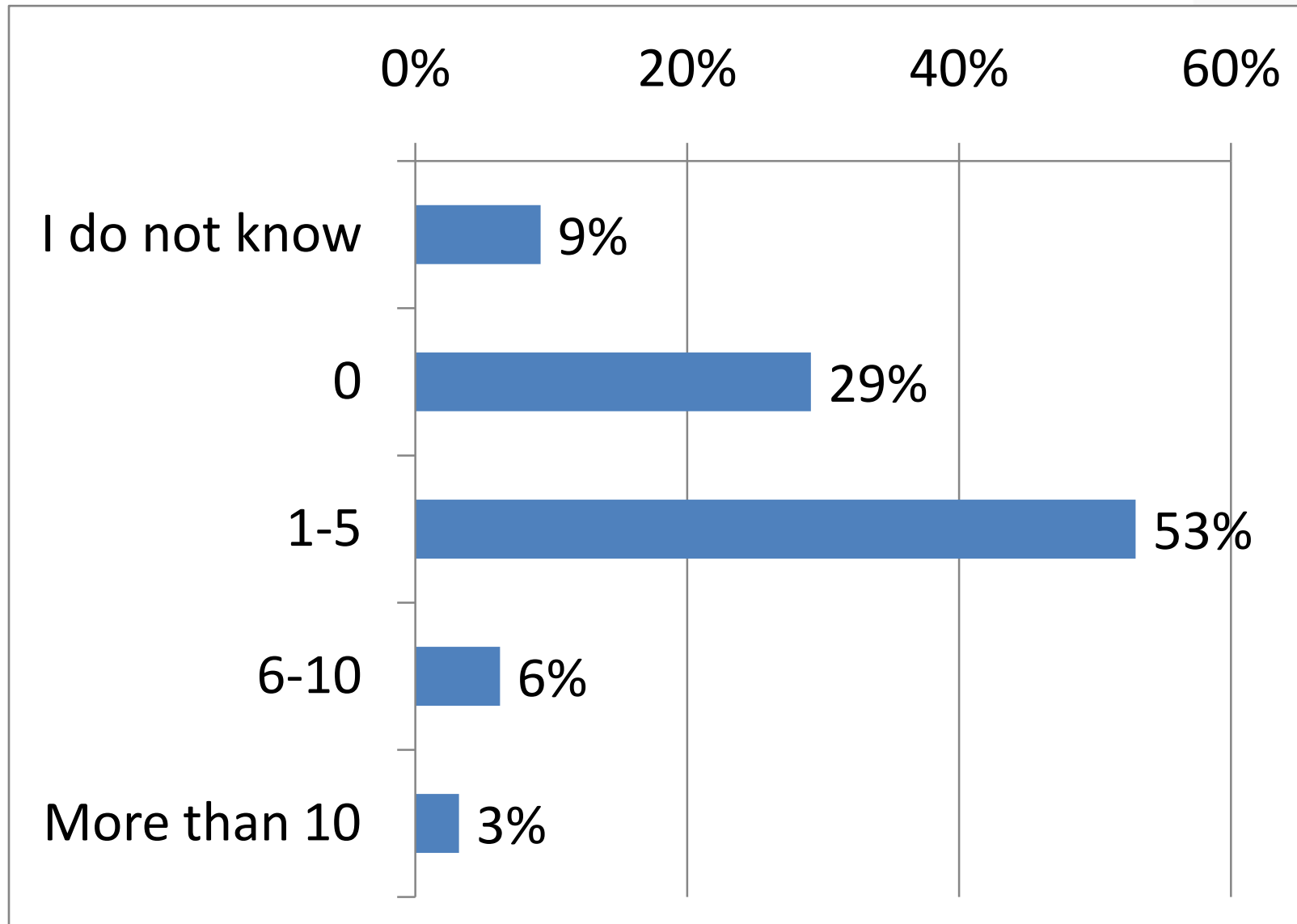
Open Access publishing leads to an increase in the publication of poor quality research	3.6	2.7
Open Access publishing undermines the system of peer review	3.8	2.9
It is not beneficial for the general public to have access to published scientific and medical articles	4.0	3.4

Preliminary

Preliminary results

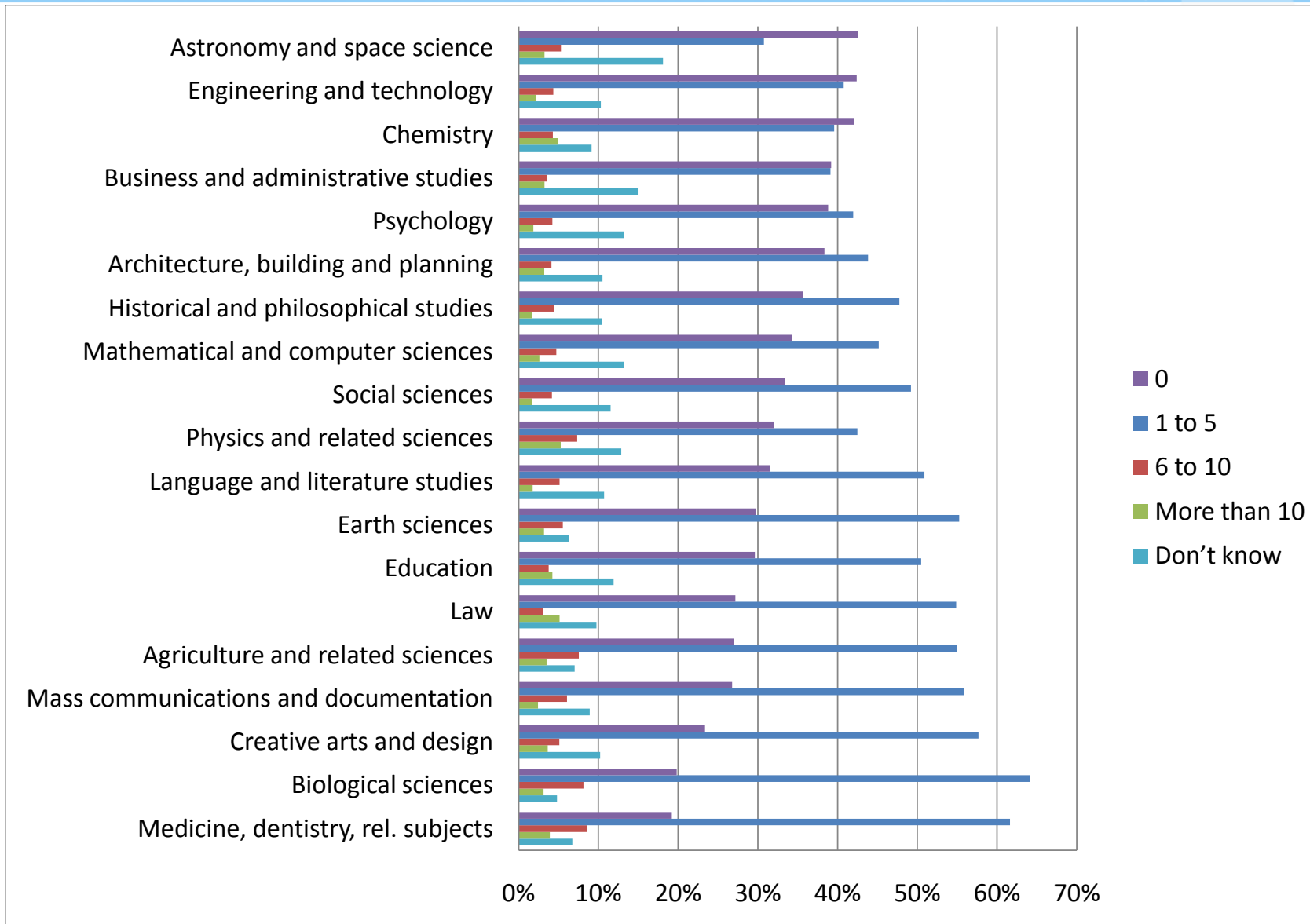
Who ?
Beliefs
Actions

How many OA articles have you published in the last 5 years?



Preliminary

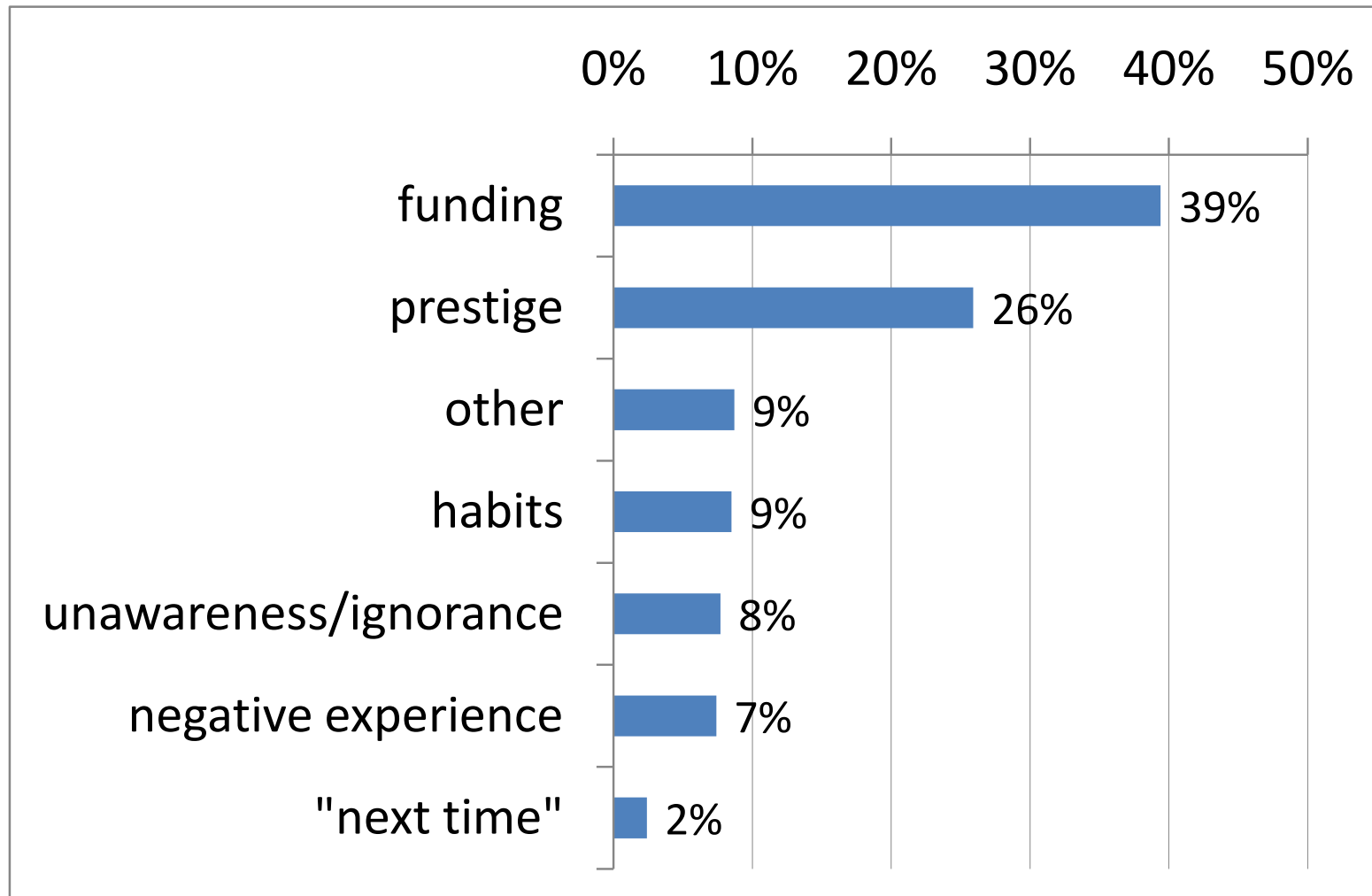
How many OA articles have you published in the last 5 years?



Preliminary

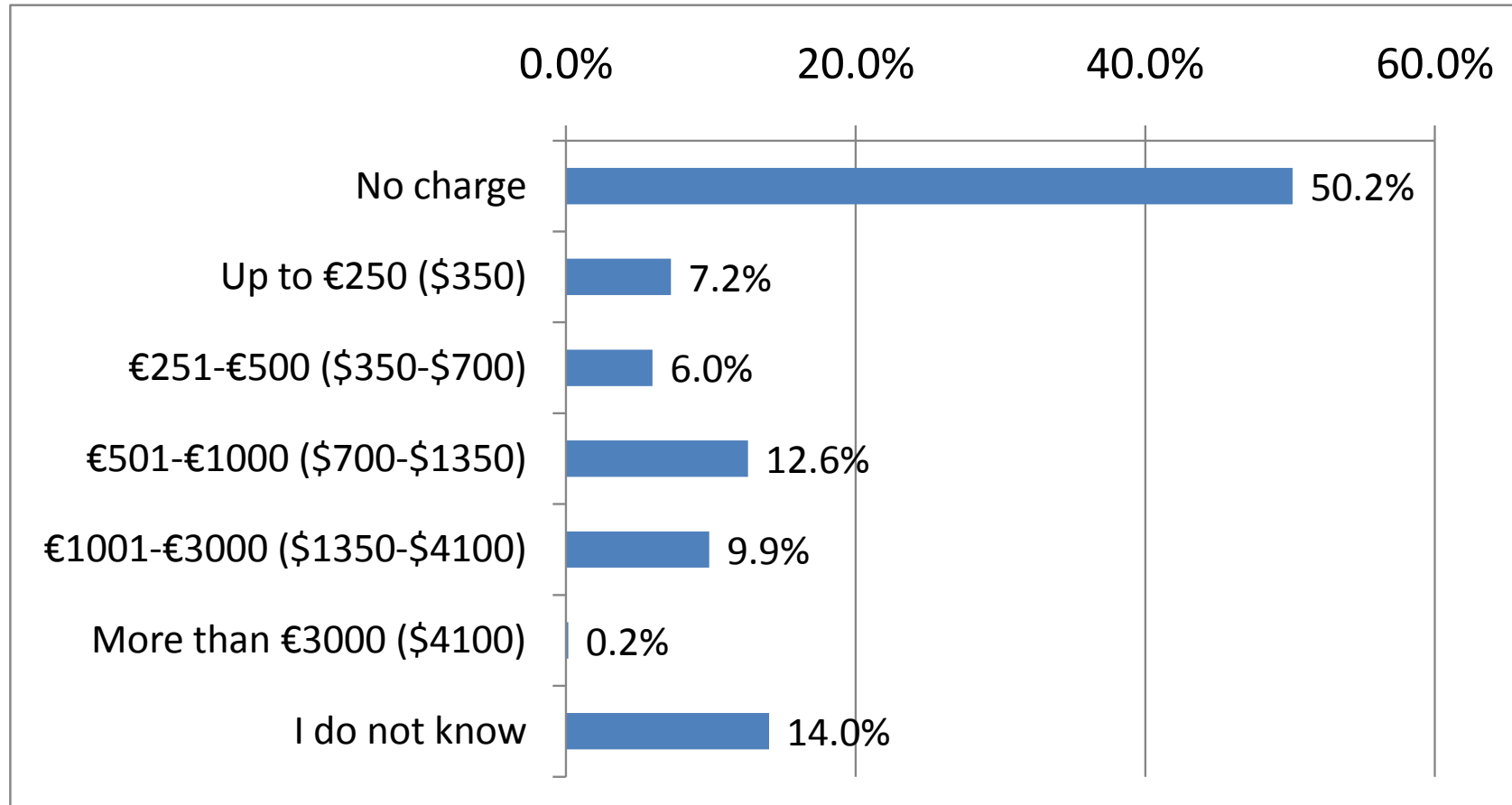
Was there a reason not to publish OA?

42% have a reason; >4000 answers; 60'000 words



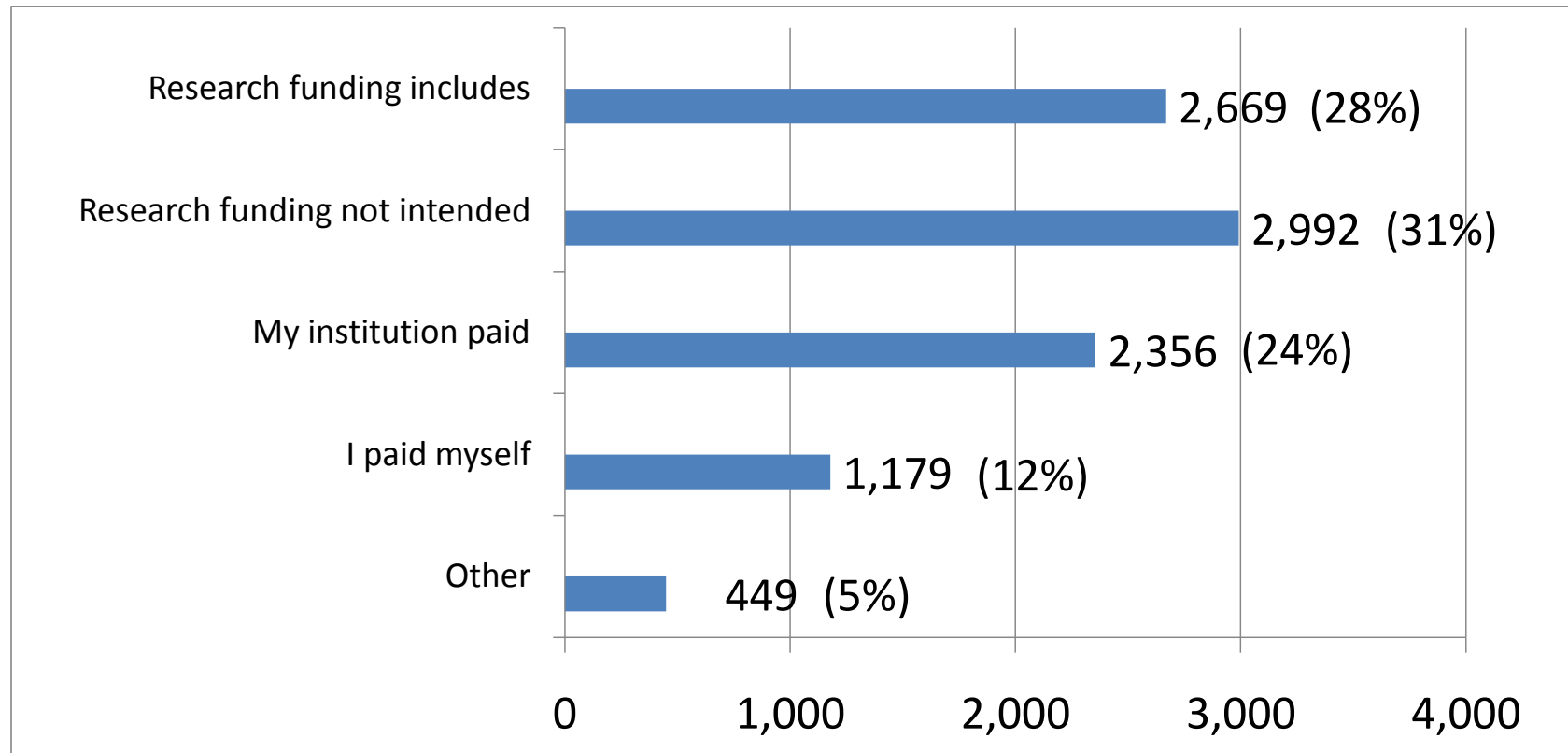
Preliminary

Which fee did you pay for your last OA article?



Preliminary

How was this fee covered?

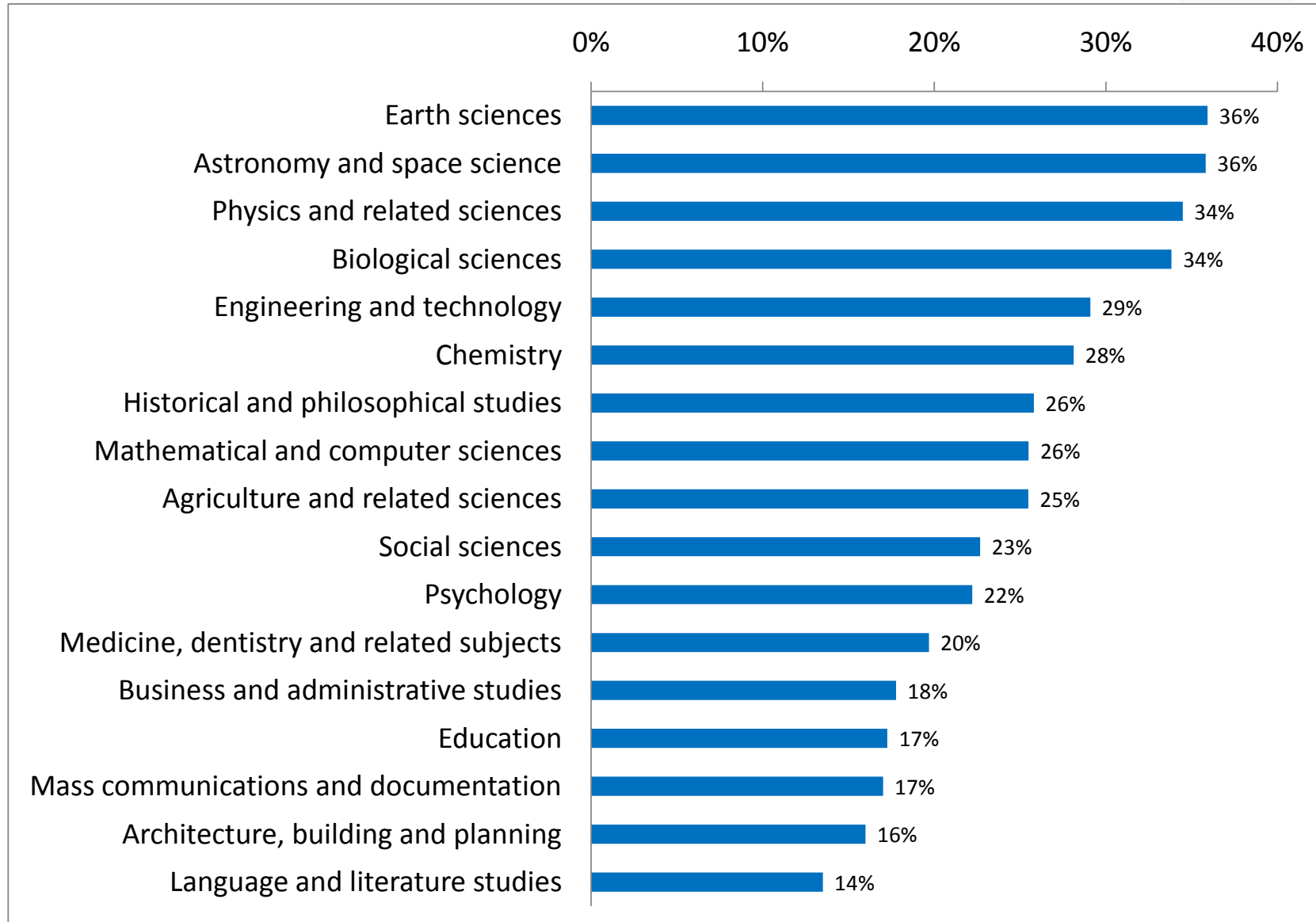


Preliminary

How was this fee covered?

By field

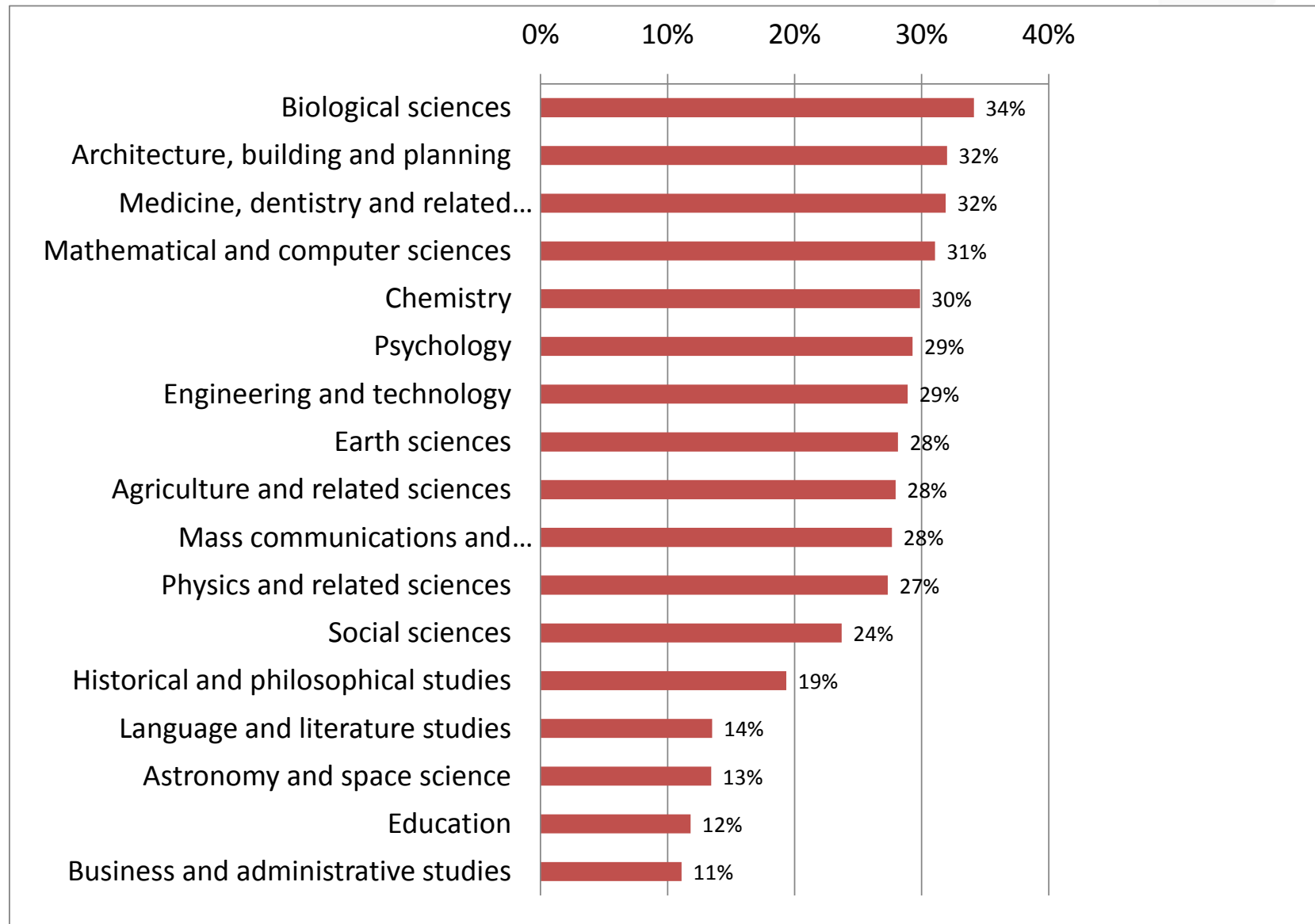
How was this fee covered? Included in research funds



Preliminary

How was this fee covered?

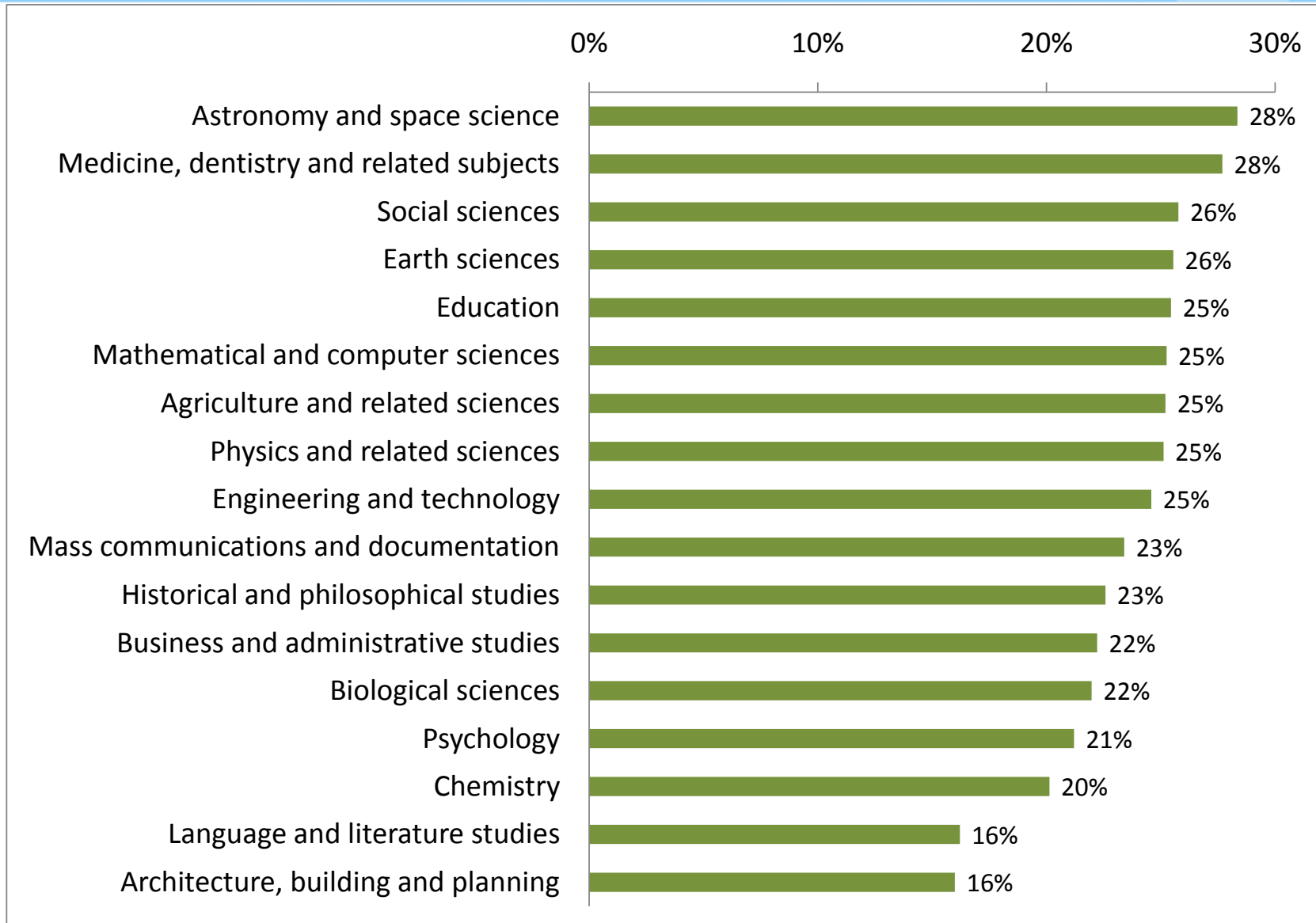
Used other part of research funds



Preliminary

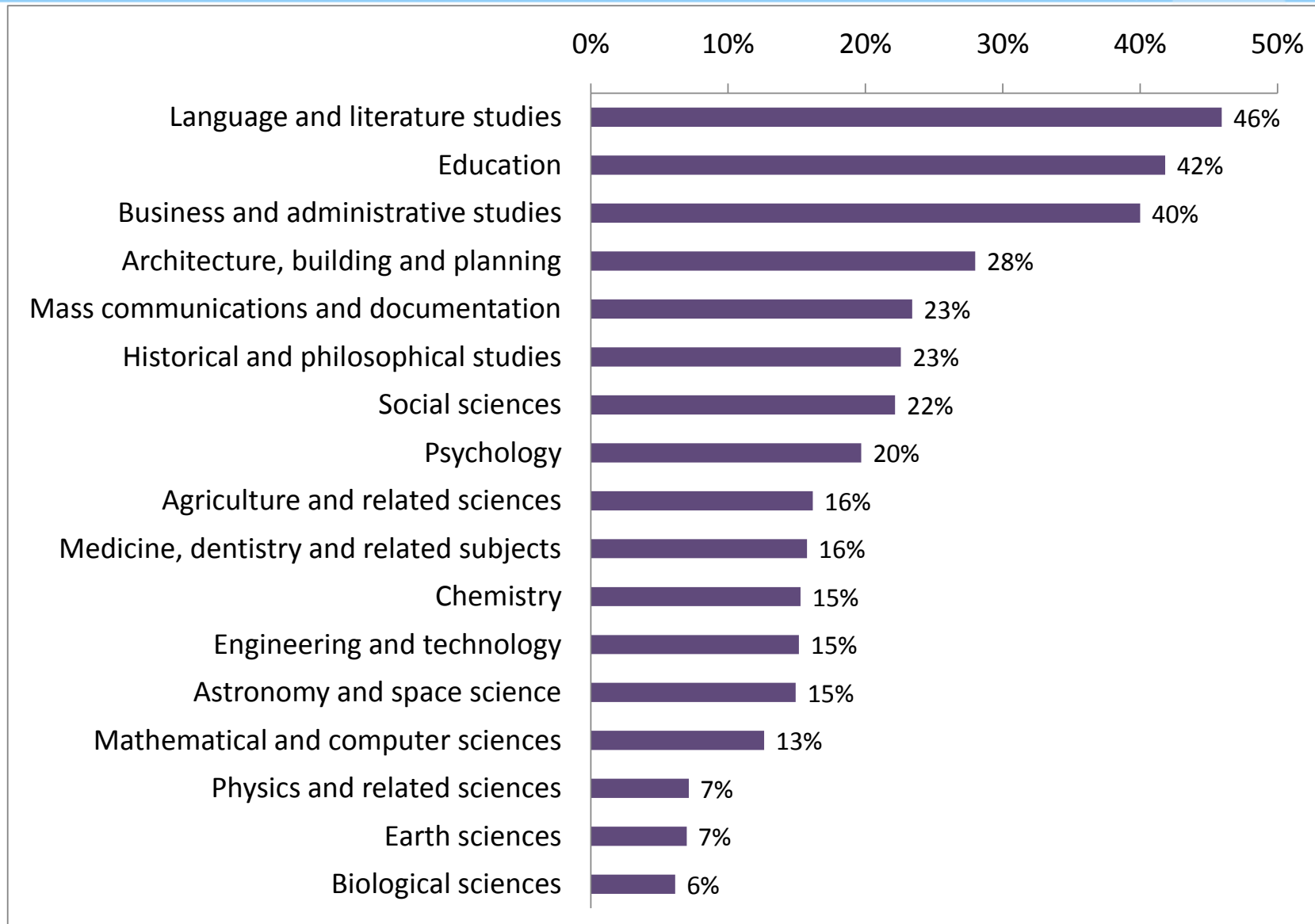
How was this fee covered?

My institution paid



Preliminary

How was this fee covered? I paid myself

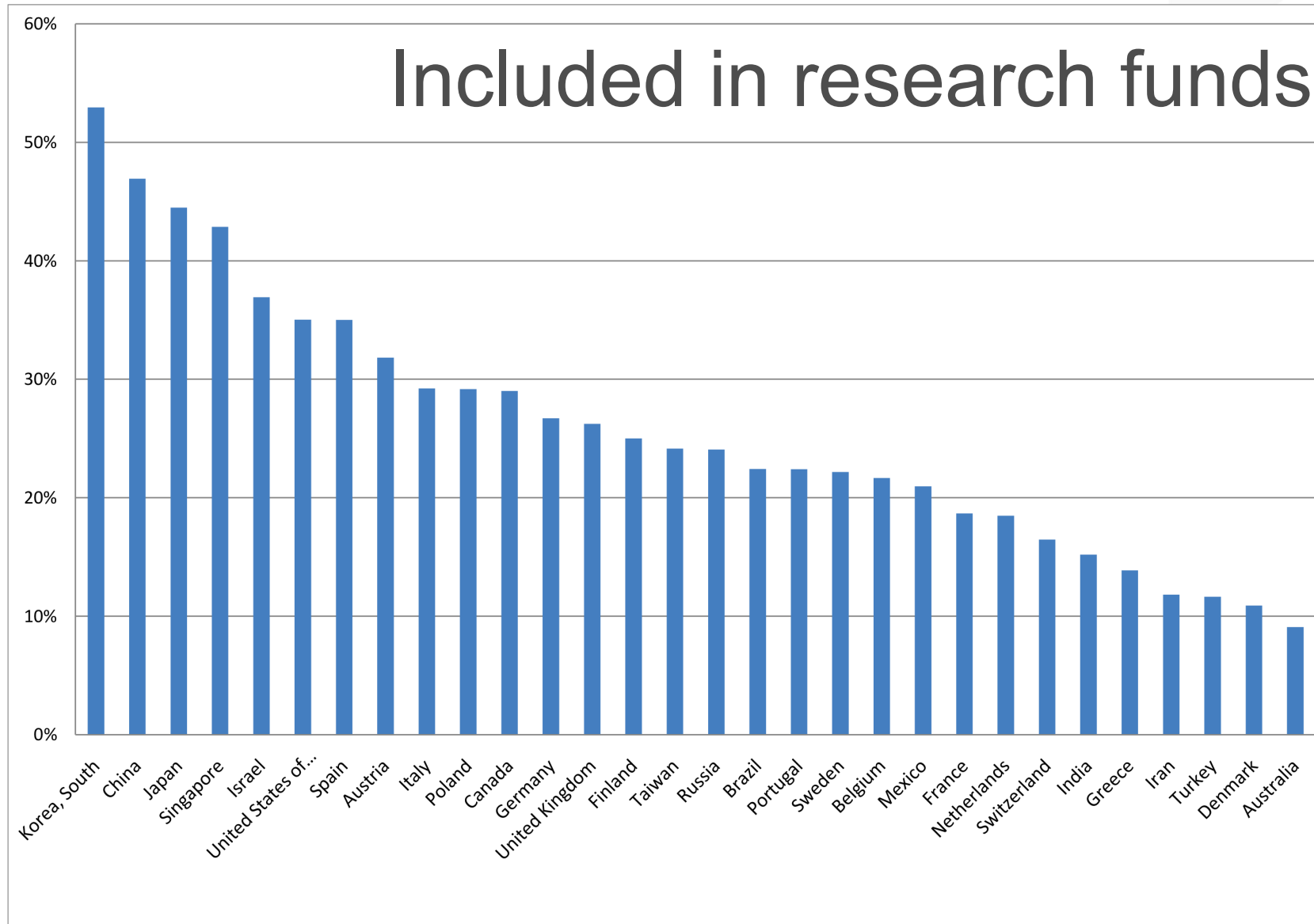


Preliminary

How was this fee covered?

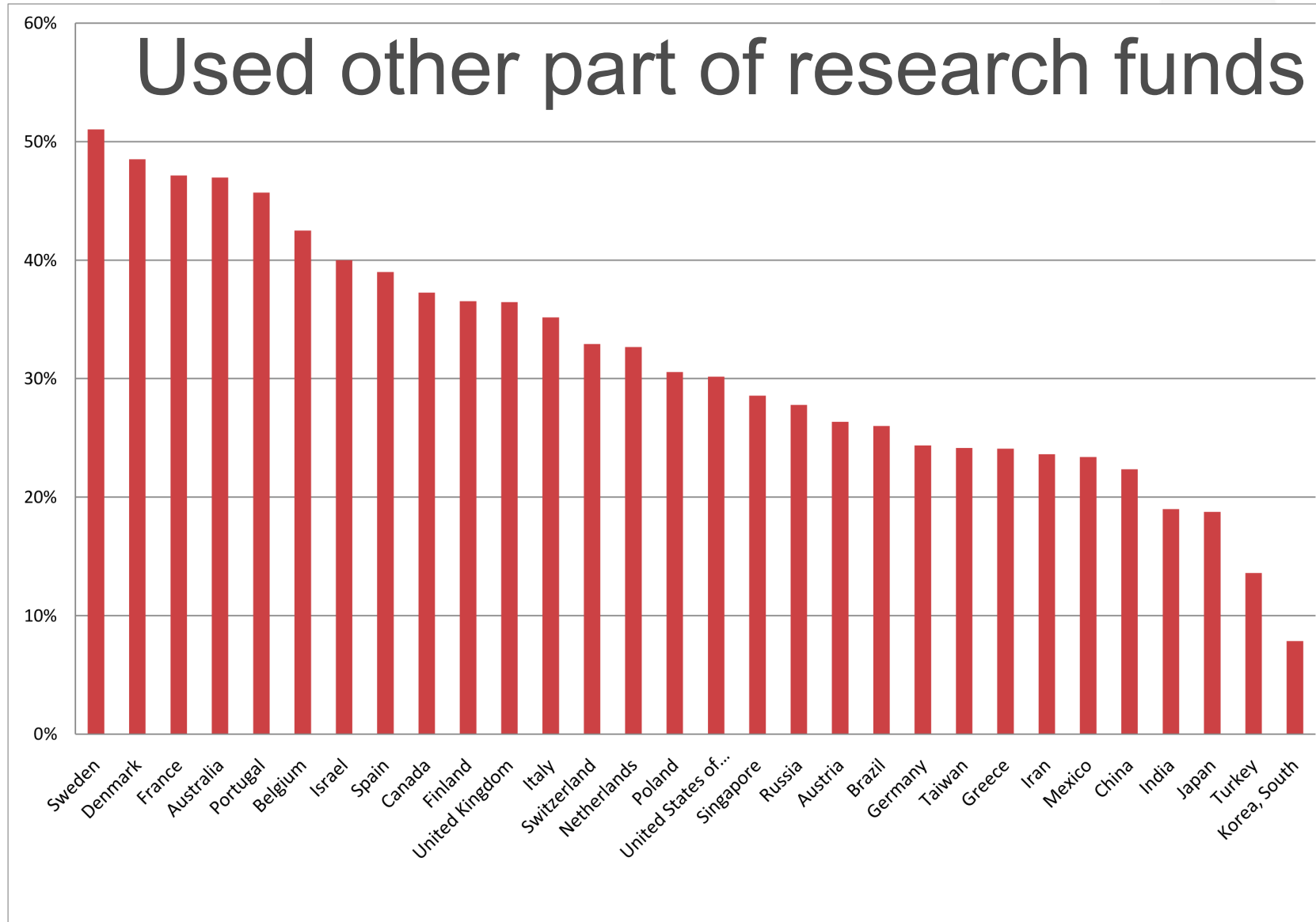
By country

How was this fee covered?



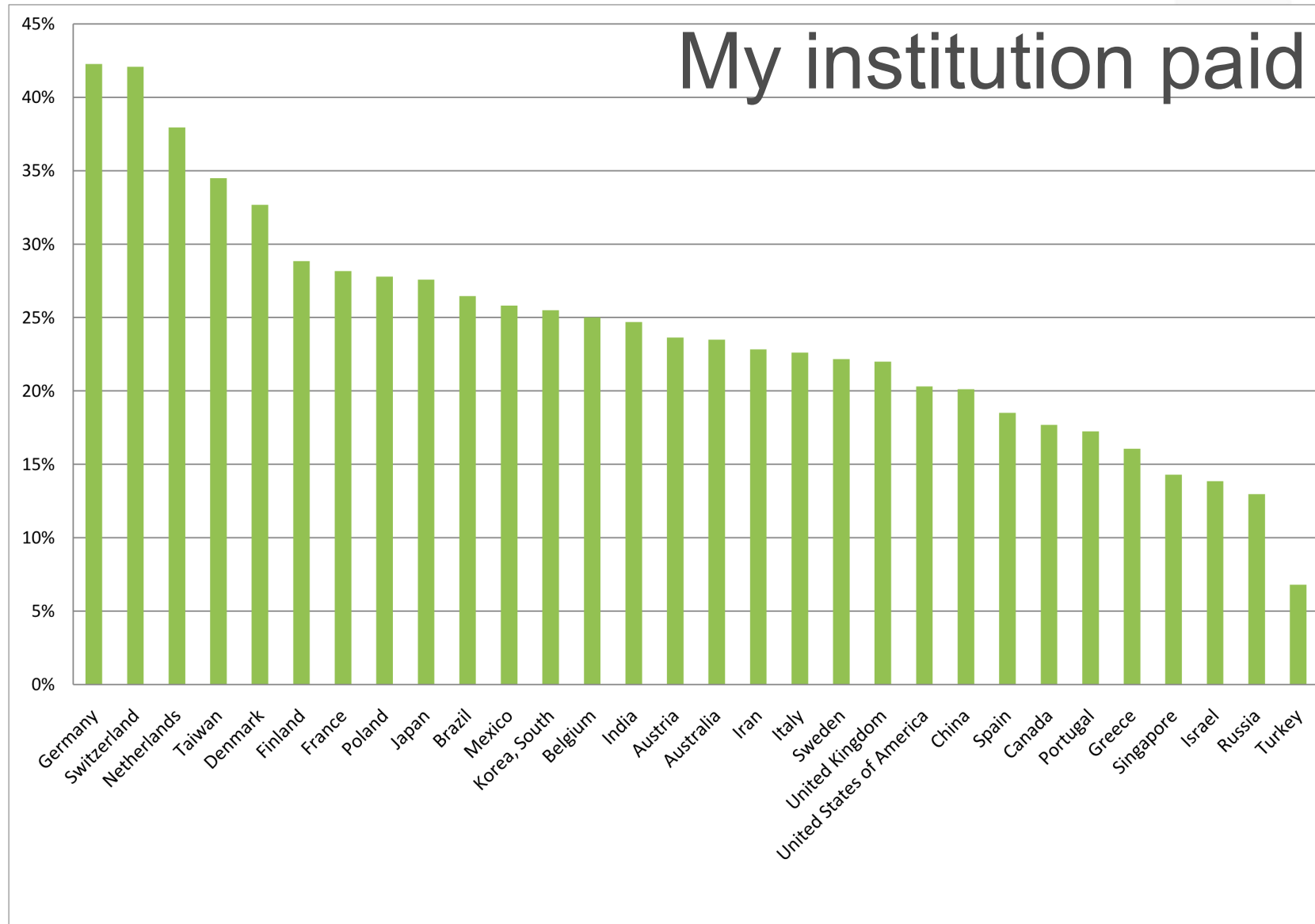
Preliminary

How was this fee covered?



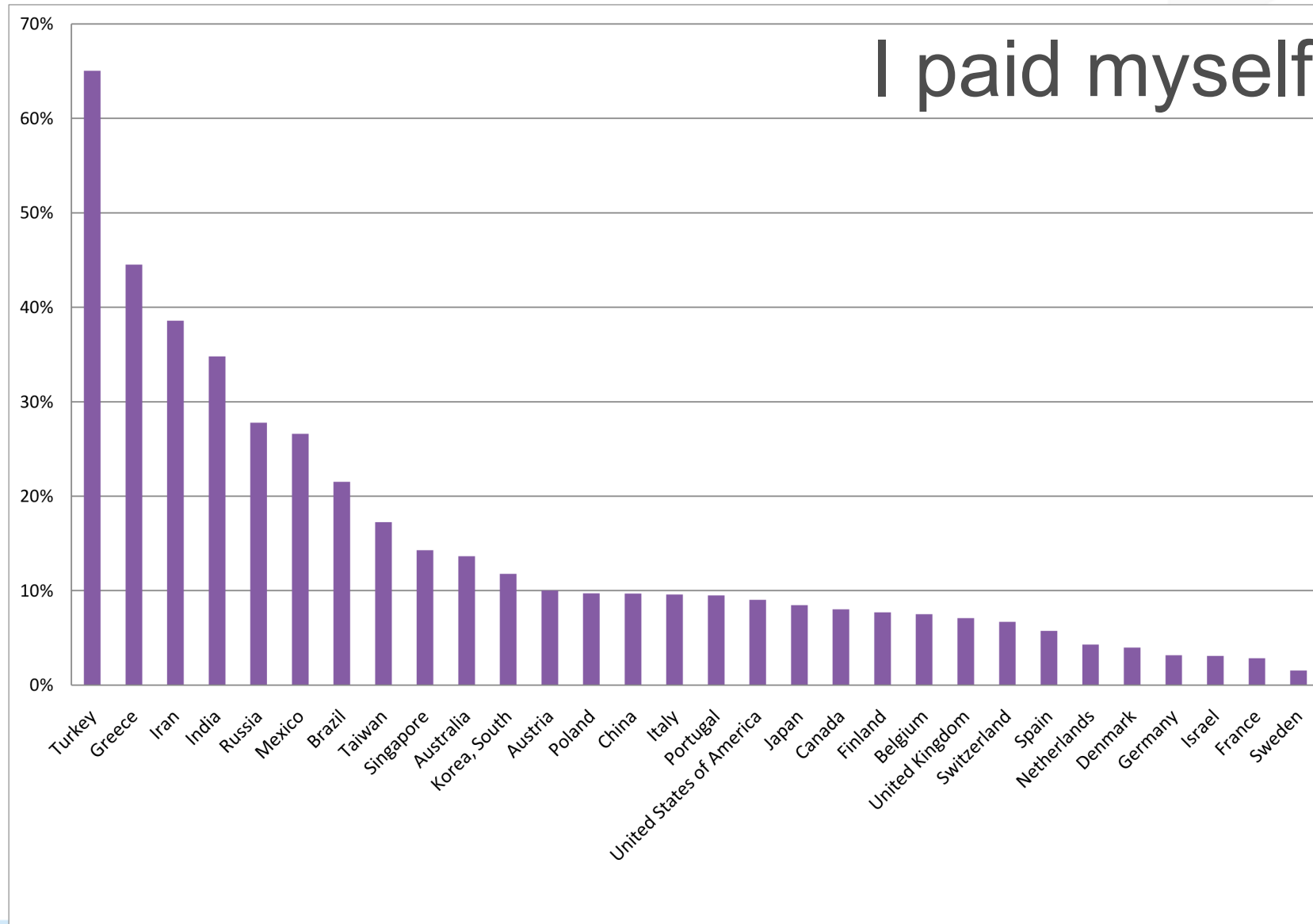
Preliminary

How was this fee covered?



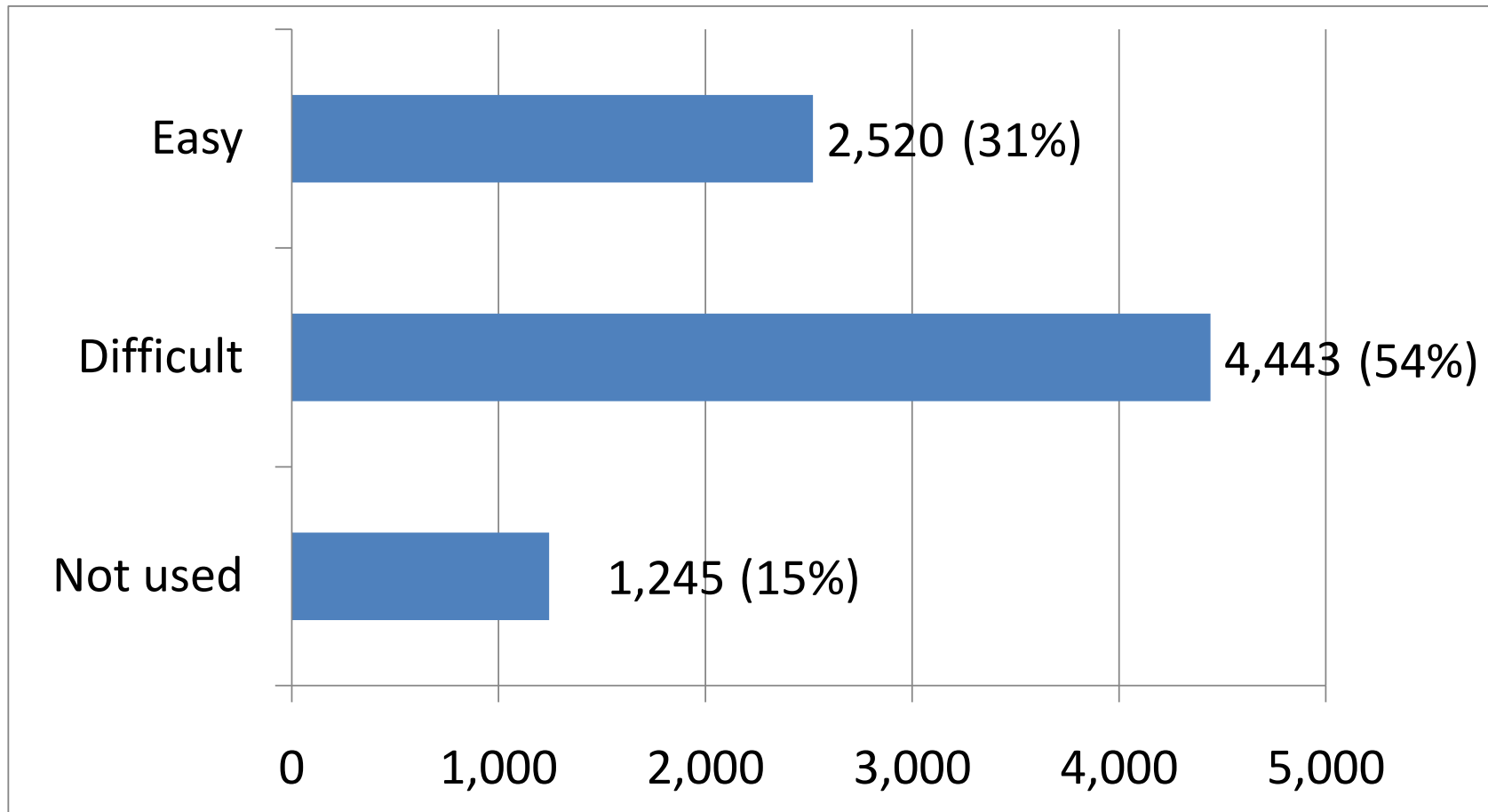
Preliminary

How was this fee covered?



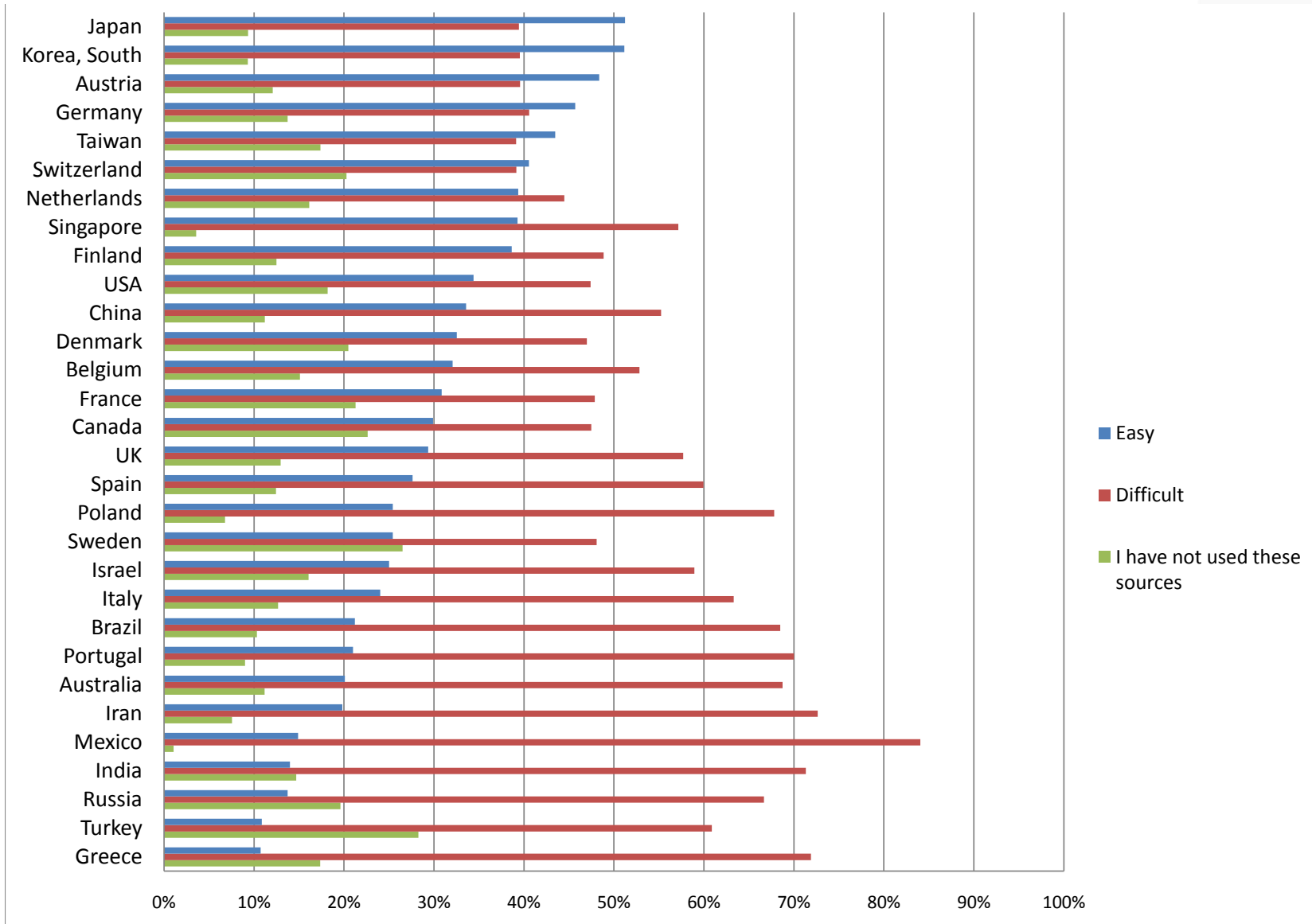
Preliminary

How easy was it to obtain funds?



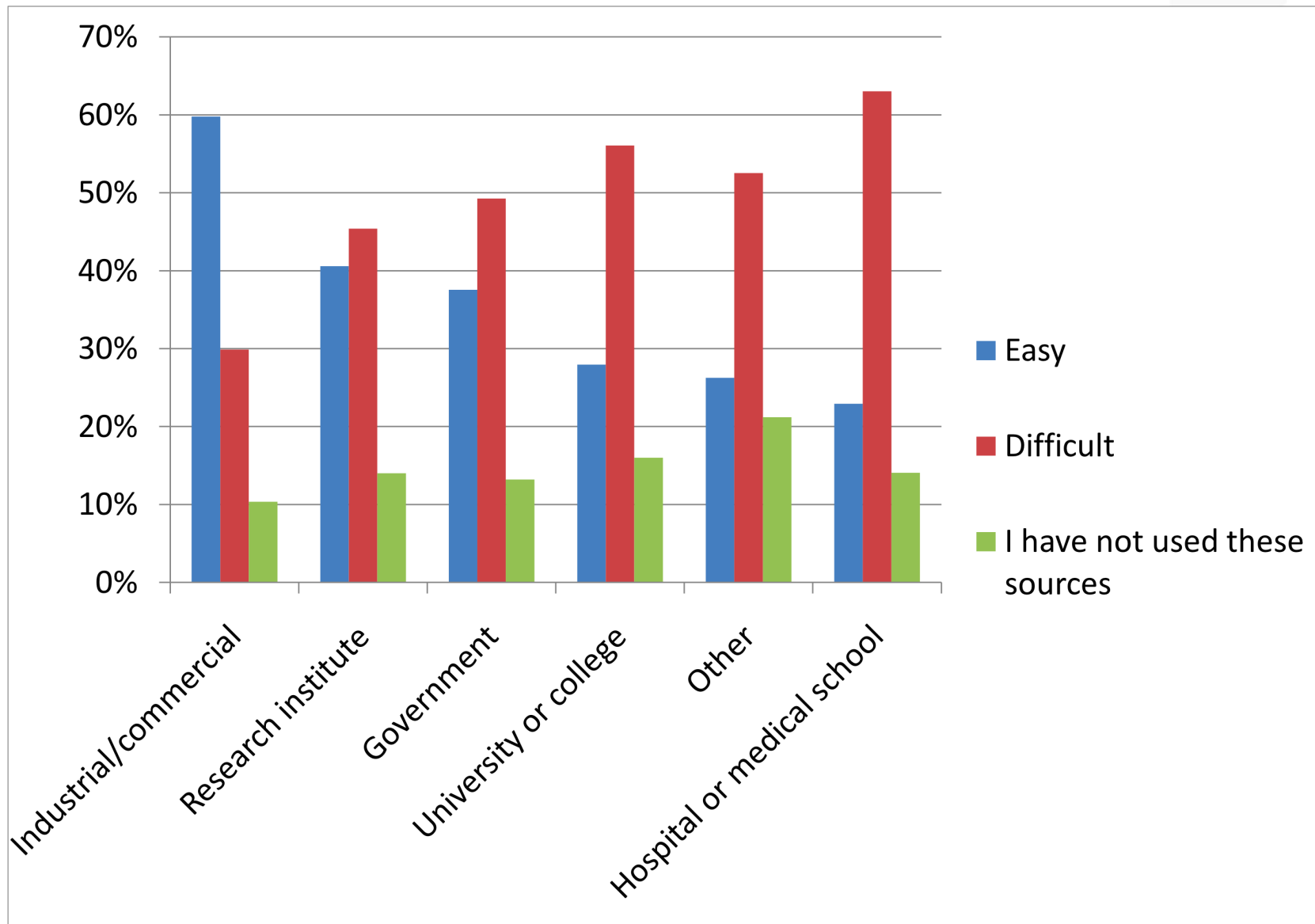
Preliminary

How easy was it to obtain funds?



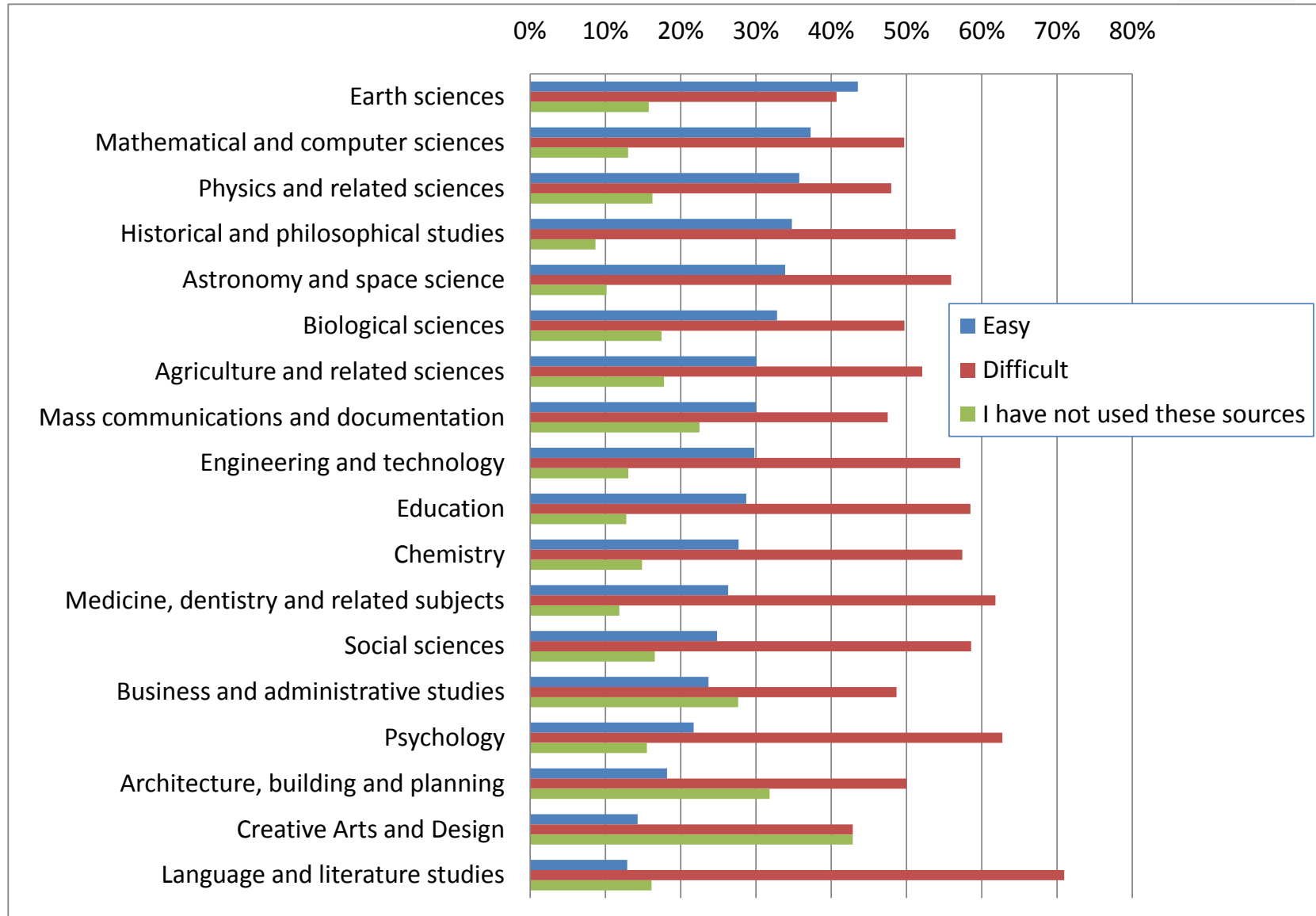
Preliminary

How easy was it to obtain funds?



Preliminary

How easy was it to obtain funds?



Preliminary

- Strive to provide facts on which to base decisions (EC, publishers, libraries, funding agencies)
- Just scratched the surface of the survey so far
- More questions on drivers/barriers in publishing
- 17'000 scientists left e-mail for further contact
- Need to understand what to ask more...
 - ...to the data
 - ...to the volunteers

- About the project
- Highlights from a study of OA journals today
- Results from a large-scale survey
- **How can you help...**

(...this afternoon at 17:15!)

Thank you!

- Project team: info@project-soap.eu
- Speaker: Salvatore.Mele@cern.ch
- Website: <http://soap-fp7.eu>
- SOAP workshop Berlin, January 13th, 2011(after APE)
<http://soap-fp7.eu/final-workshop>