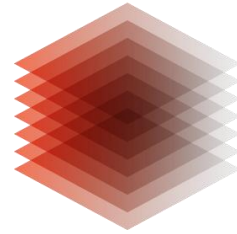


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ConfIDent

Enter the Feedback Loop

Philip Strömert
Lisbon, 29th January 2020
PIDapalooza

Agenda



1. Testing the Feedback Loop

- Getting to know each other & breaking the ice

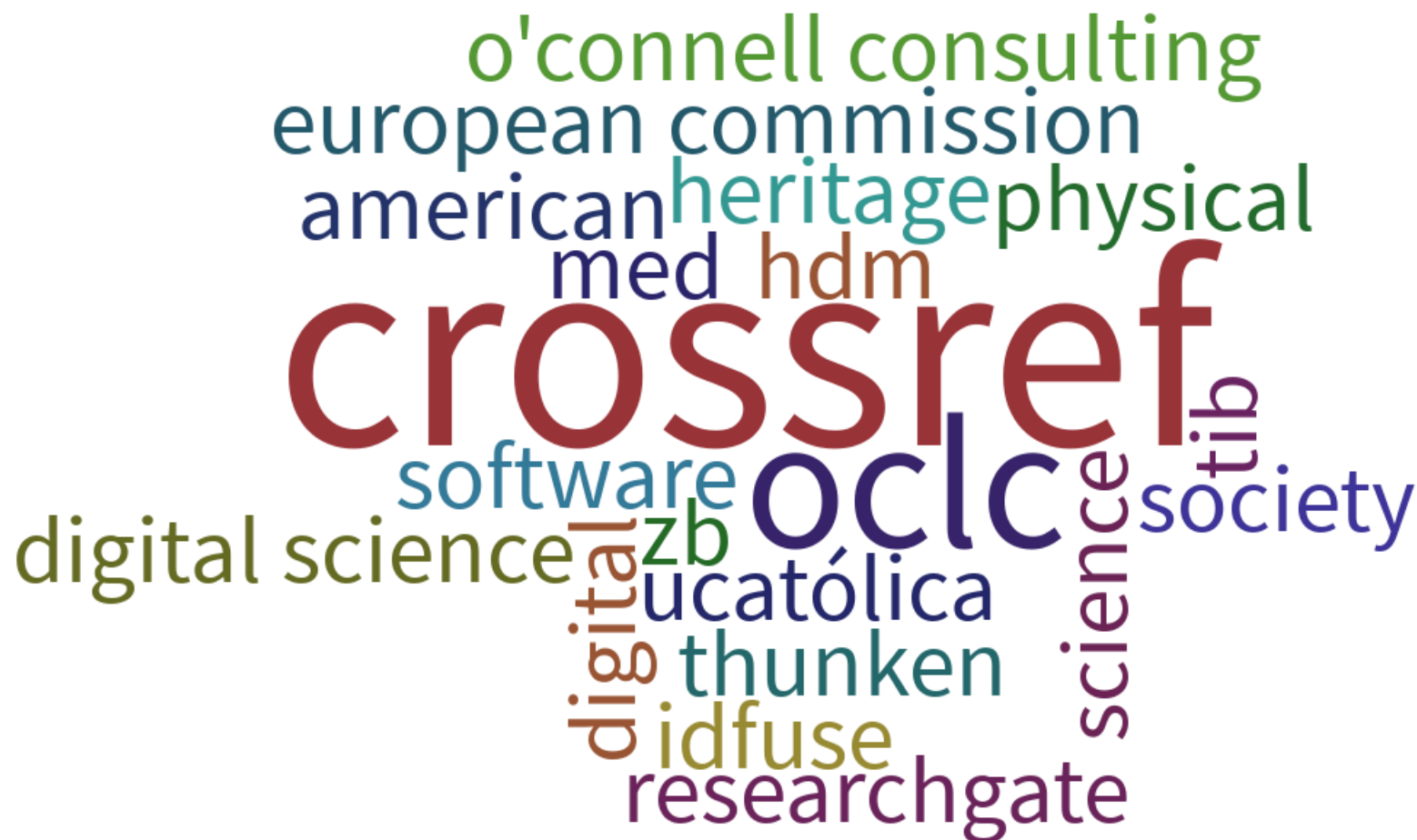
2. Academic Events Metadata

- ConfIDent – Better data for better decisions
- Metadata for quality indicators
- PIDs for academic events
- Identifying what metadata we need

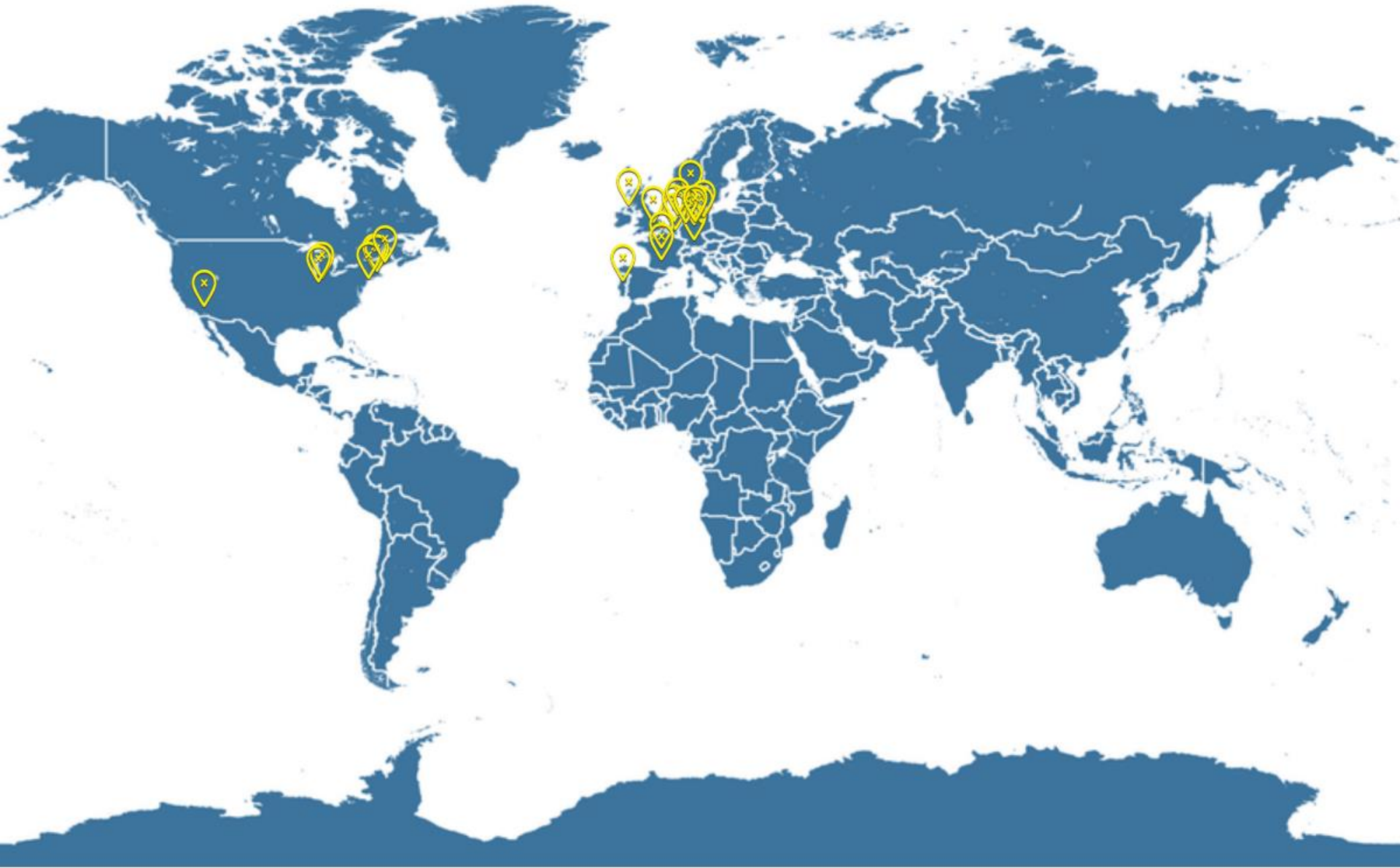
3. For better data we're all in it together

- What can you do?

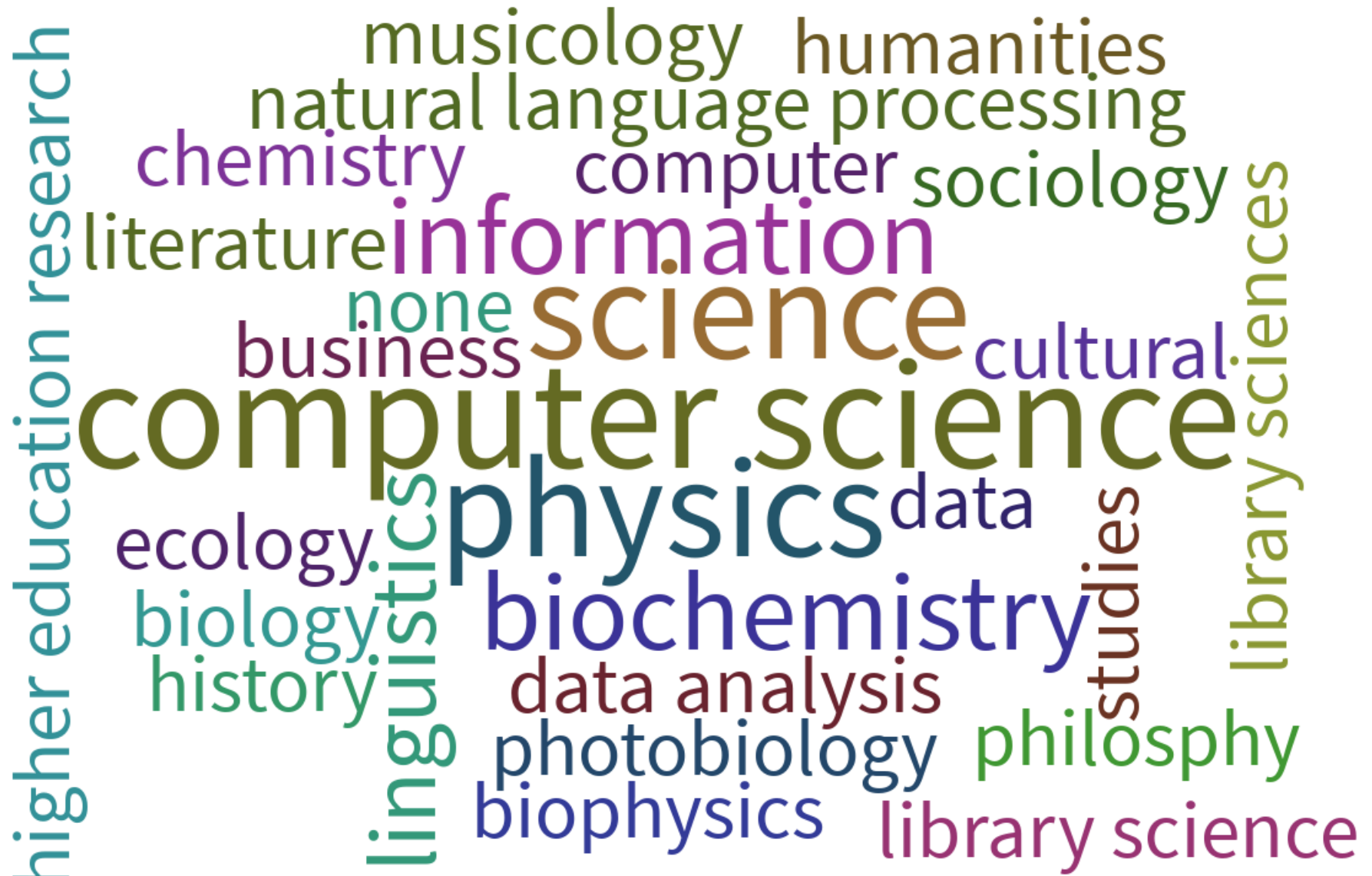
Where are you from - affiliation?



Where are you from - earth?



Where are you from - academic/disciplinary background?



Up- & Down-Voting Test: Why PIDapalooza?

Top



Have you ever heard about predatory conferences?

YES

83%

NO

17%

Academic Events Metadata

Better data for better decisions



The two problems with information about academic events

1. Their information is often scattered, unstructured & highly volatile.
2. How to assess the quality and relevance of academic events?



A Service for Open Research Information on Conferences

- semantically structured metadata of academic events
- quality-driven, collaborative curation
- reliable and transparent data and workflows for all stakeholders
- user-centred approach
- connecting to existing services thus enabling data exchange
- committed to the FAIR principles
- TIB Hannover & RWTH Aachen, funded by the DFG

Which criteria define a high quality event for you?

Top



Academic Events Metadata



Towards a Comprehensive Quality Model for academic Events*



Event-related metrics



- Submissions
- Location
- Review Process
- Review results
- Publishing
- Journal event coupling
- Discoverability
- Reputation and Impact
(e.g. CORE ranking)
- Sponsorship
- Co-Location
- Topical focus
- Registration
- Schedule
- Awards
- Publicity

*based on a yet unpublished paper by Sahar Vahdati, Christoph Lange, Sören Auer, Andreas Behrend, et al.

Academic Events Metadata



Towards a Comprehensive Quality Model for academic Events*

Person-related metrics

- Participants and Roles
- Participant Diversity

Event History

- Continuity
- Regularity
- Monotonisity

Bibliographic data-related

- Publication Availability & Accessibility
- Bibliometrics
- Social network impact



*based on a yet unpublished paper by Sahar Vahdati, Christoph Lange, Sören Auer, Andreas Behrend, et al.

Would mandatory metadata help in your quality assessment?

YES

58%

MAYBE

33%

NO

8%

Academic Events Metadata



PIDs for academic events

Crossref updates schema to assign DOIs for events & event series

(<https://docs.google.com/document/d/17hKUa2WHxeUpqEe9H0I022Ggod4ID5bmuDDNmVZQn58/>)

- possible metadata fields for events
 - *conference_series_ID*
 - *conference_name*
 - *conference_theme*
 - *conference_acronym*
 - *conference_sponsor* (→ hosting org!)
 - *conference_number*
 - *conference_location*
 - *conference_date*
 - *doi_data* (*event_PID* & *url*)
- possible metadata for event series
 - *conference_series_name*
 - *conference_series_acronym*
 - *conference_series_maintainer*
 - *publisher_item* (other IDs)
 - *doi_data* (*event_PID* & *url*)

Academic Events Metadata

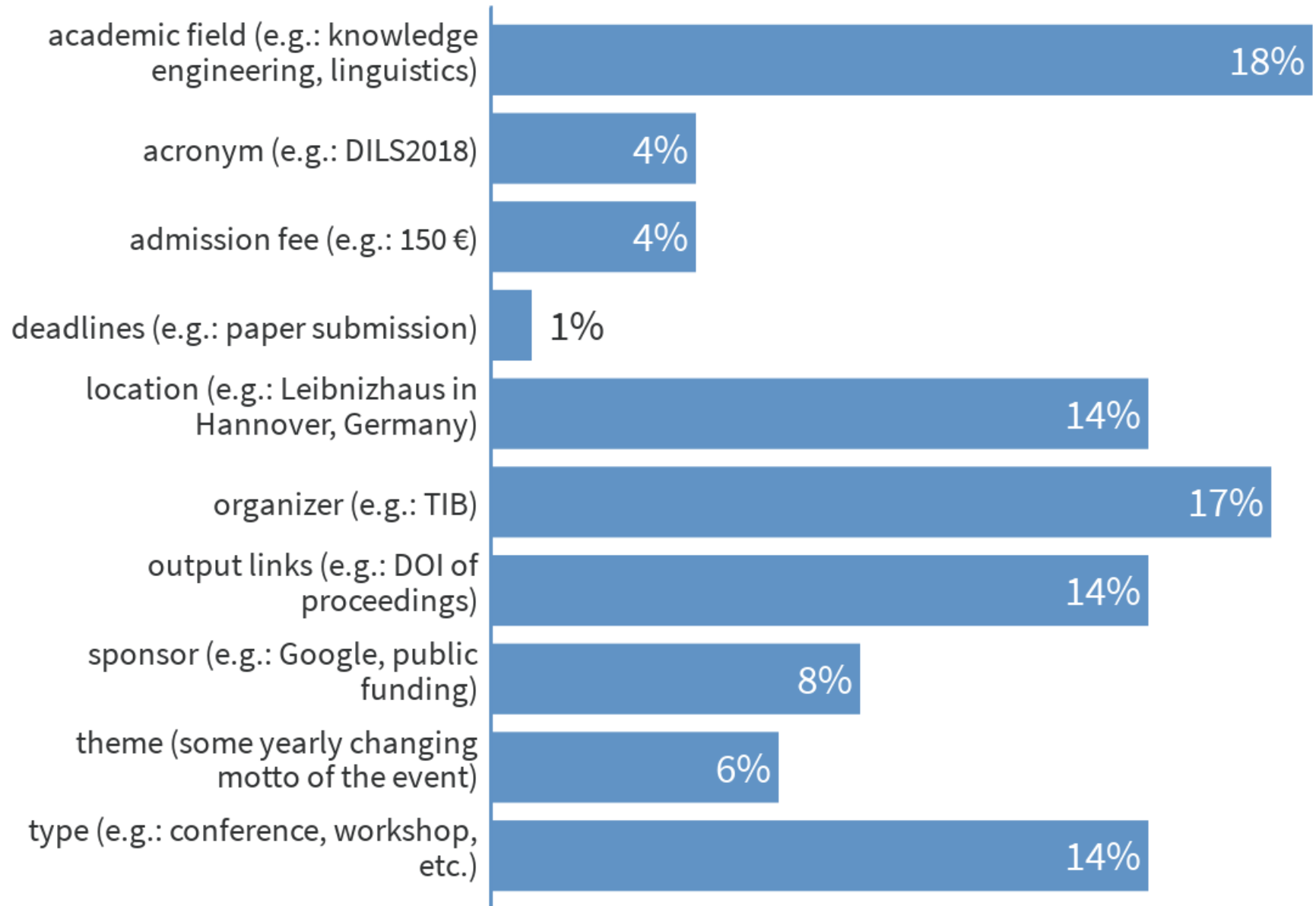
PIDs for academic events

Crossref updates schema to assign DOIs → What is required?

(<https://docs.google.com/document/d/17hKUa2WHxeUpqEe9H0I022Ggod4ID5bmuDDNmVZQn58/>)

- possible metadata fields for events
 - *conference_series_ID*
 - **conference_name**
 - *conference_theme*
 - *conference_acronym*
 - *conference_sponsor*
 - **conference_number**
 - *conference_location*
 - **conference_date**
 - **doi_data (PID & url)**
- possible metadata for event series
 - **conference_series_name**
 - *conference_series_acronym*
 - *conference_series_maintainer*
 - *publisher_item* (other PIDs)
 - **doi_data (PID & url)**

Which event metadata fields are most important? - your top 5

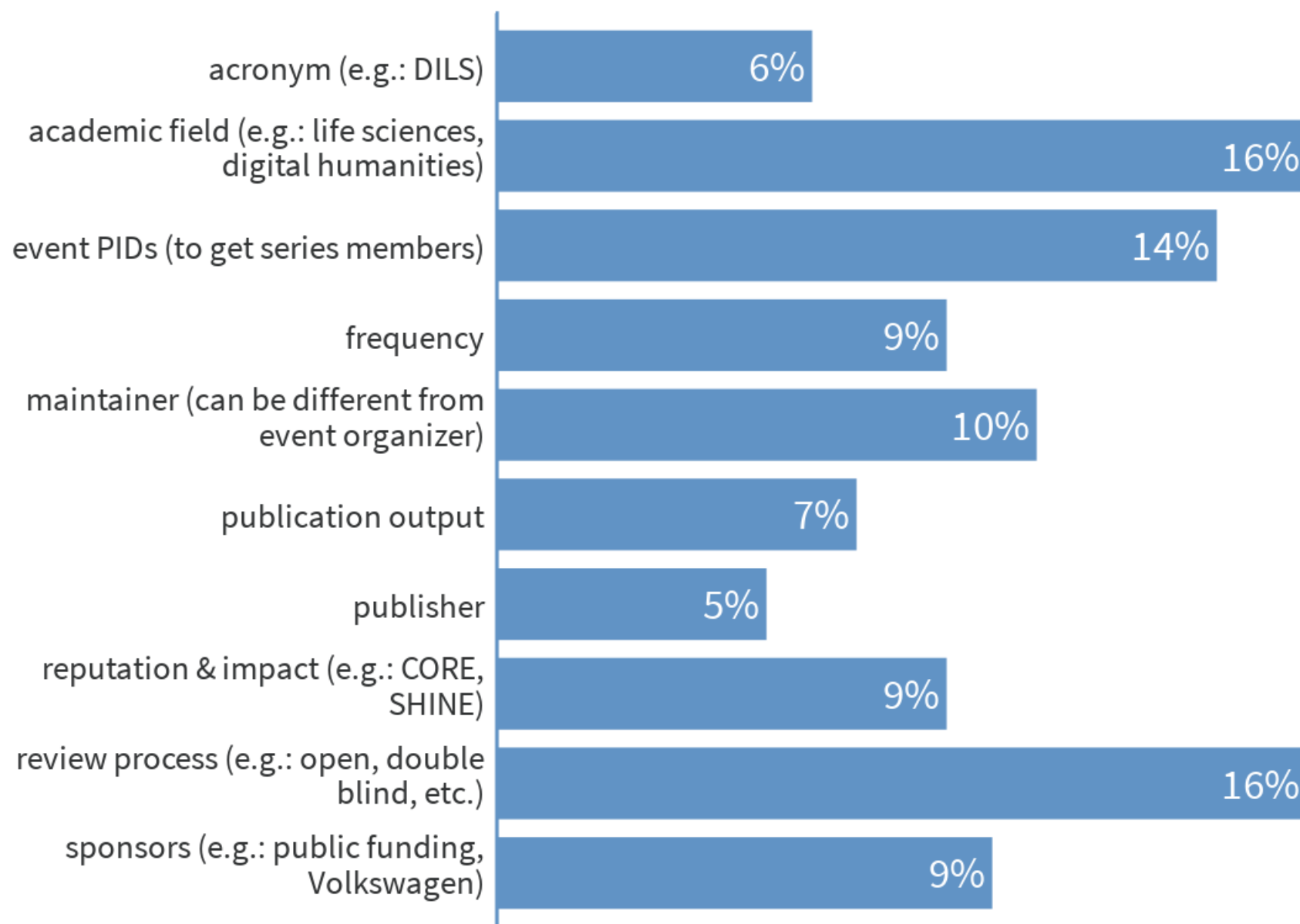


Academic Events Metadata

Identifying what metadata we need

<ul style="list-style-type: none">▪ doi_data (PID & url)▪ name▪ number▪ type	→	what
<ul style="list-style-type: none">▪ date▪ deadlines	→	when
<ul style="list-style-type: none">▪ organizer▪ sponsor	→	who
<ul style="list-style-type: none">▪ location	→	where
<ul style="list-style-type: none">▪ admission fee	→	how
<ul style="list-style-type: none">▪ academic field	→	why

Which event series metadata fields are most important? - your top 5



Academic Events Metadata

Identifying what metadata we need

- doi_data (PID & url)
- name
- type



what

- maintainer
- sponsors



who

- event PIDs



when, where & how

- academic field



why



Which PIDs do we need to consider in the academic event domain?



A word cloud of various academic identifiers. The words are arranged in a cluster, with 'orcid' and 'doi' being the largest and most prominent. Other visible words include 'wikidata', 'ror', 'confref', 'org', 'un', and 'grid'. The colors of the words are diverse, including shades of green, brown, blue, and red.

orcid doi
wikidata ror confref
org un grid

Would ConfIDent be helpful & useful for you?

YES

52%

MAYBE

44%

NO

4%

How do you know which event/series is right for you?

Top



For better data we're all in it together

What can you do?



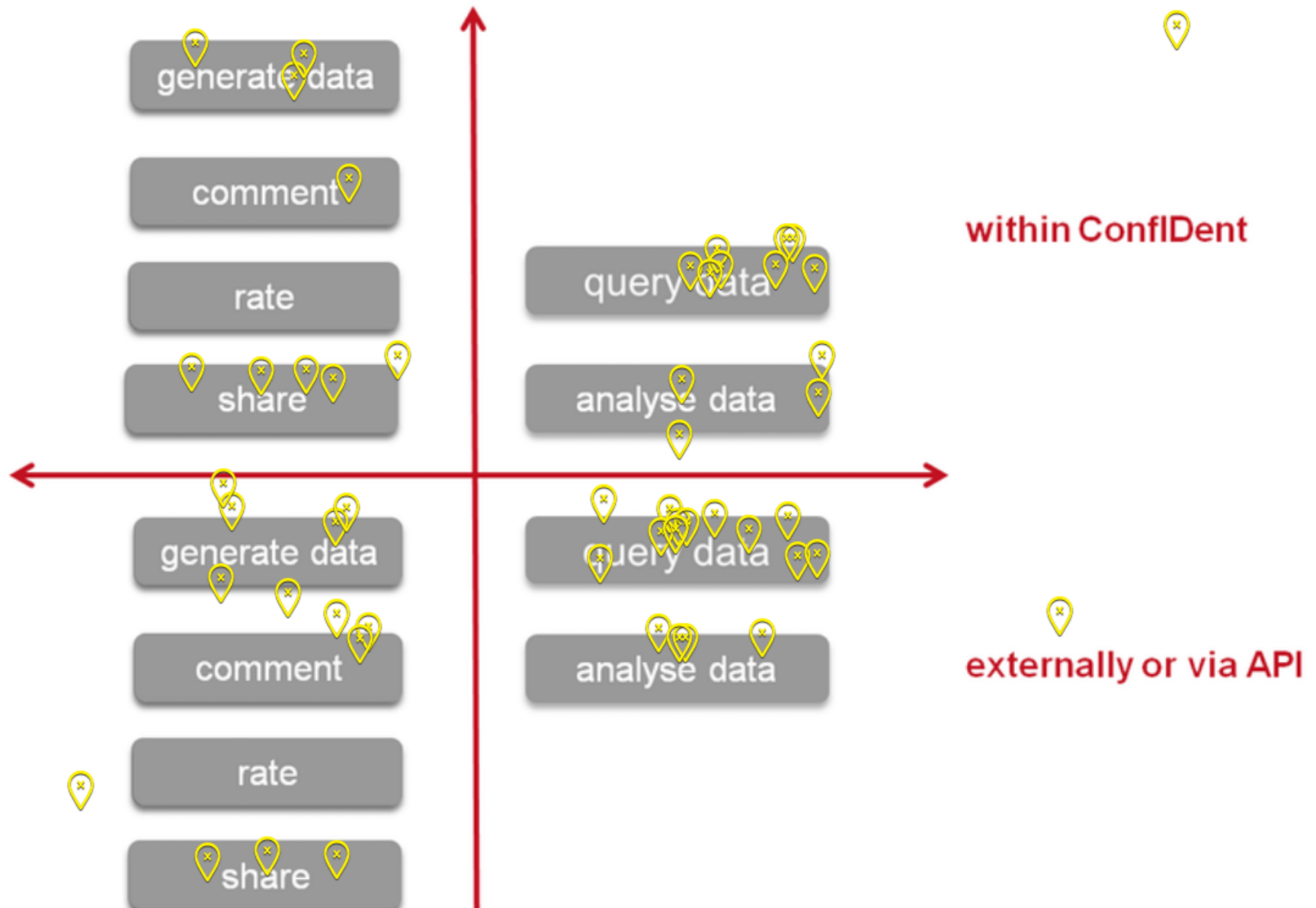
Data from multiple sources must be gathered

- ingest through DOI-import → ConfIDent team
- ingest of other existing catalogues → ConfIDent team
- crawling & mining of websites → ConfIDent team & **You?**
- automatic import through APIs → ConfIDent team & **You?**
- external comment feeds & scores → ConfIDent team & **You?**
- manual data curation via GUI → ConfIDent team & **You?**

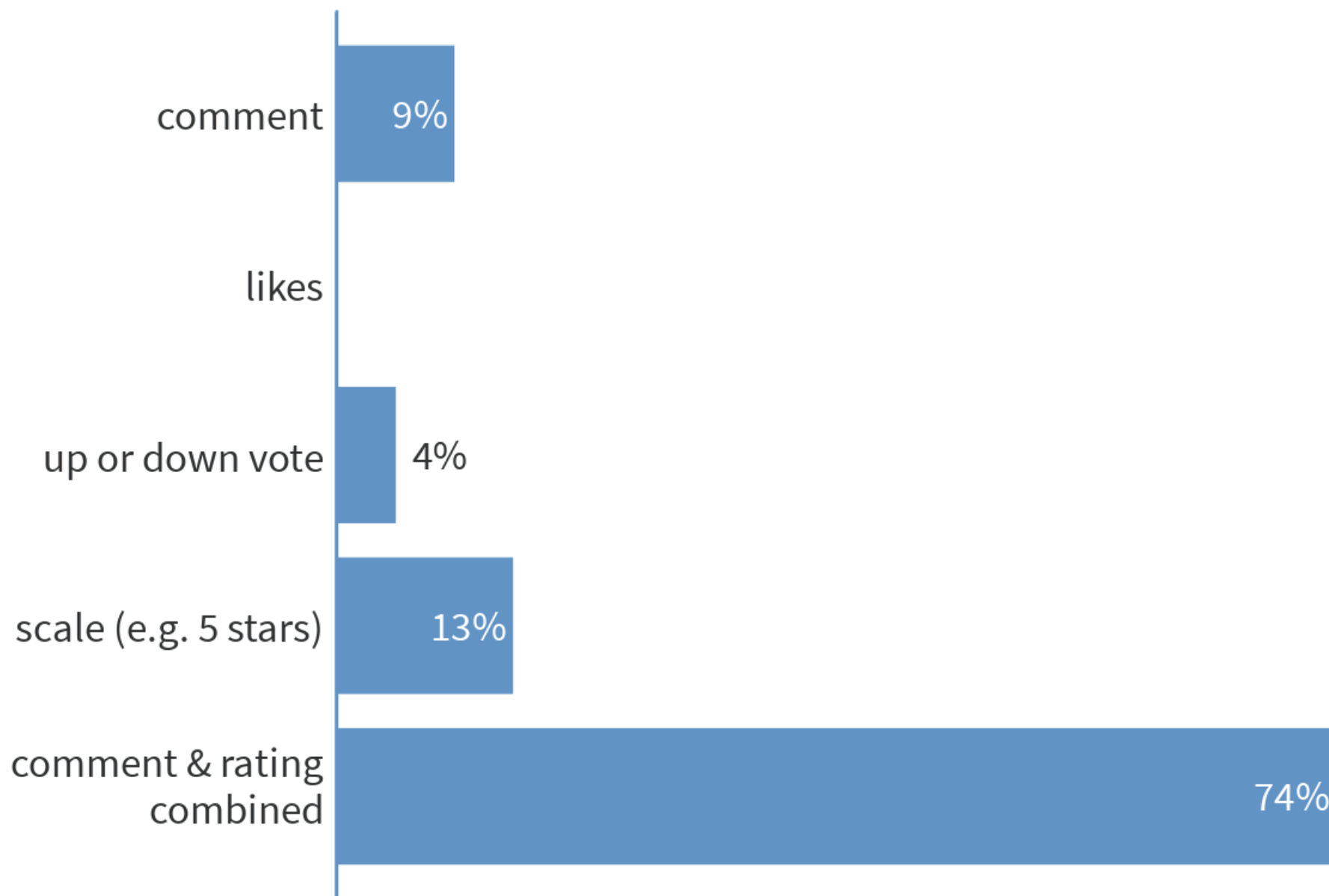
What kind of user are you / how could you help us?

active user

passive user



What feedback/rating system do you prefer?



Which social media and other platforms should we try to integrate?



A word cloud visualization showing the frequency of various social media and research platforms. The words are arranged in a circular pattern, with 'twitter' being the largest and most central. Other prominent words include 'researchgate', 'academia', 'scihub', 'linkedin', 'linked in', 'mobilizon', 'facebook', 'myspace', 'tiktok', 'stackoverflow', and 'stackexchange'. The colors of the words vary, including shades of green, blue, purple, and brown.

researchgate
academia
scihub
twitter
linkedin
linked in
mobilizon
facebook
myspace
tiktok
stackoverflow
stackexchange

For better data we're all in it together

What can you do?

- Do you want to be a beta tester?
- Do you want to be a data provider?
- Do you want to get news?

→ **contact us via** confident@tib.eu

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