

U N I V E R S I T Y O F B E R G E N


Universitetsbiblioteket i Bergen

Scholarly profiles, user preferences and impact scores

Susanne Mikki

University of Bergen Library

17.11.2015



Scholarly Profiles on Academic Network Sites

ResearchGate

academia.edu

Google
scholar

RESEARCHERID

ORCID

What are they about?

Who actually joins them?

Which are most popular?

What features are offered?



Our investigation has been inspired by

- The University of [Utrecht library webpage](#) about profiling services, authored by Bosman and Kramer

	Mendeley	Google Scholar	ORCID	Researcher ID	ScopusID	Research Gate	Academia edu*	UU pages
publications list	y	y	y	y	y	y	y	y
publications linked	y	y	y	y	y	(poss.)	(poss.)	(poss.)
publications metrics	y	y	n	y	y	y	y	n
soc. media links	n	n	n	n	n	y	y	n
bio, interests, affil	y	y	y	y	n	y	y	y
user accounts 201310	2.5 million	?	>250K	?	na	~3 million	4.9 million	all UU
user accounts 201410	> 3 million	?	>950K	?	na	~5 million	>14.6 million	all UU
Utrecht users 201210	229	437	?	273	na	>1000	986	all
Utrecht users 201303	?	585	?	276	na	2304	1295	all
Utrecht users 201310 (incl. UMCU)	~1500? (Jan 2014)	678	~80	376	na	3036	1401	all
Utrecht users 201410 (incl. UMCU)	?	968	476 (UU only)	478	na	3648	3013	all
uploading papers	y	n	n	n	n	y	y	y
adding publication data manually	y	y	y	n	n	y	y	n
adding publications (semi)automatically	many search engines + import RIS or BibTeX	Google Scholar	Crossref + Scopus + RsearcherID + DataCite + PubMedCentral Europe	WoS + ORCID	Scopus	PubMed + IEEE + CiteSeer + RepEc + BMC	Crossref + Microsoft AS+ PubMed + ArXiv	Metis / Pure

- The methodology as described by Ortega, J. L. (2015). How is an academic social site populated? A demographic study of Google Scholar Citations population. *Scientometrics*, 1-18. doi: 10.1007/s11192-015-1593-7



We wanted

- To learn about the systems
- To decide, whether to offer our scholars support
- Luckily, we
 - Had necessary competences in house
 - Were given the opportunity to carry out the investigation



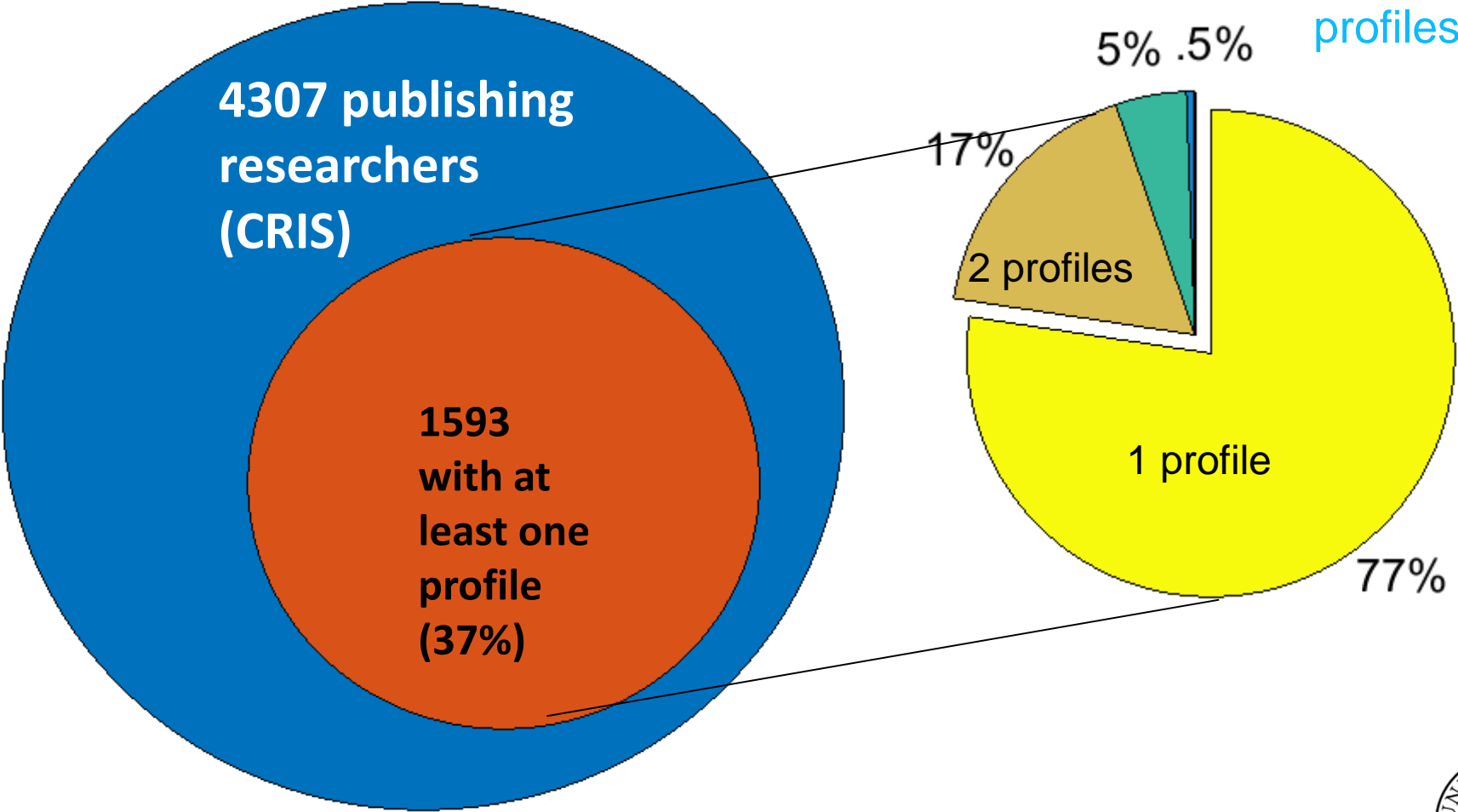
Data retrieval and methodology

- Automated harvesting
 - Based on queries containing institutional affiliation
 - Presumes that our researchers have stated their address on the sites
- Cleansing and deduplication of profiles
 - Based on author names
 - Based on an authoritative name list, available in CRISTin, the Current Research Information System in Norway
 - This list is restricted to researchers who authored a scientific publication (2010-2014), and does not include all employees and students at the University of Bergen.



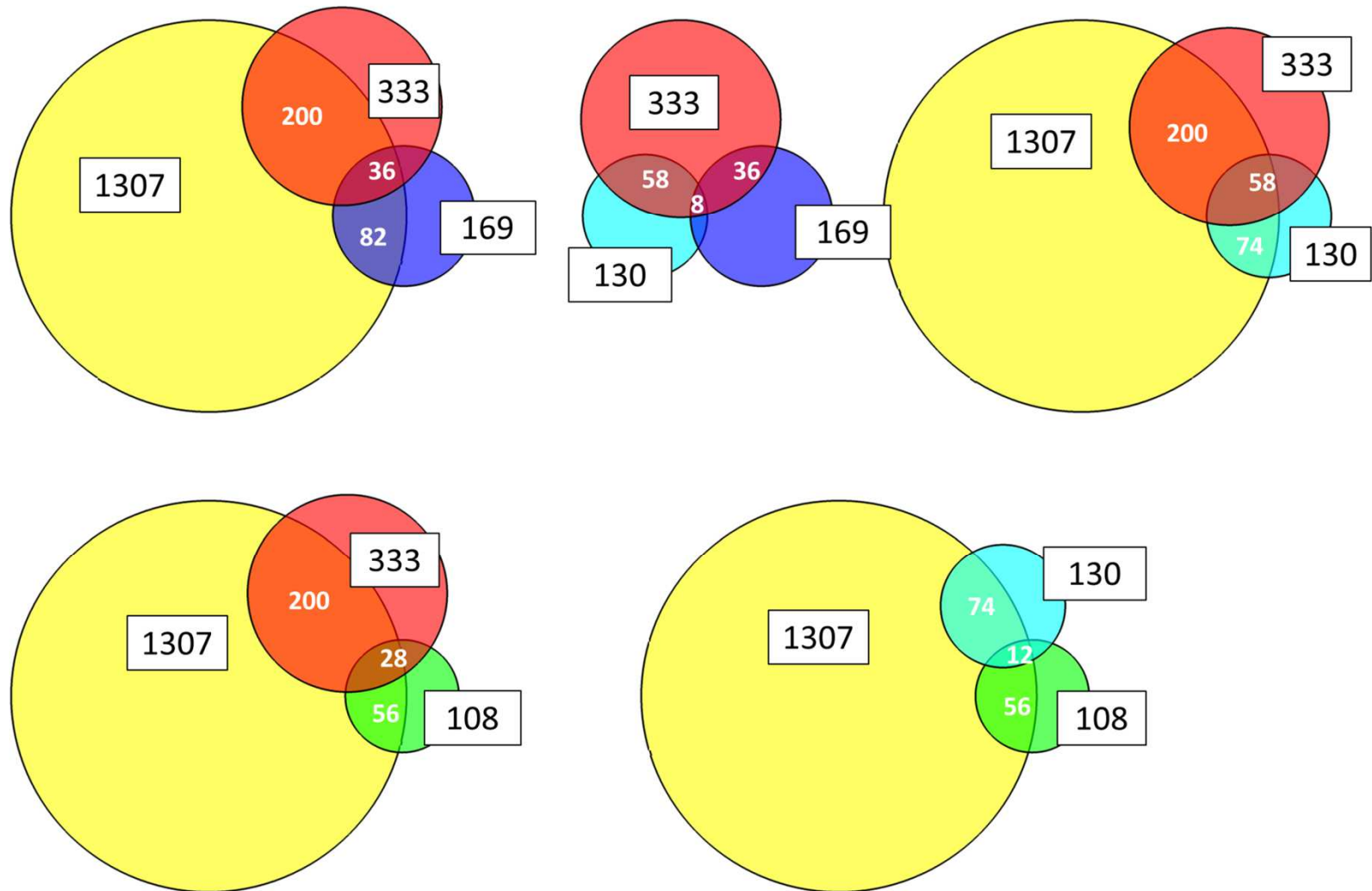
Number of profiles

+ 1
researcher
with five
profiles



Venn diagrams visualizing size and overlap of profiles between the different network sites.

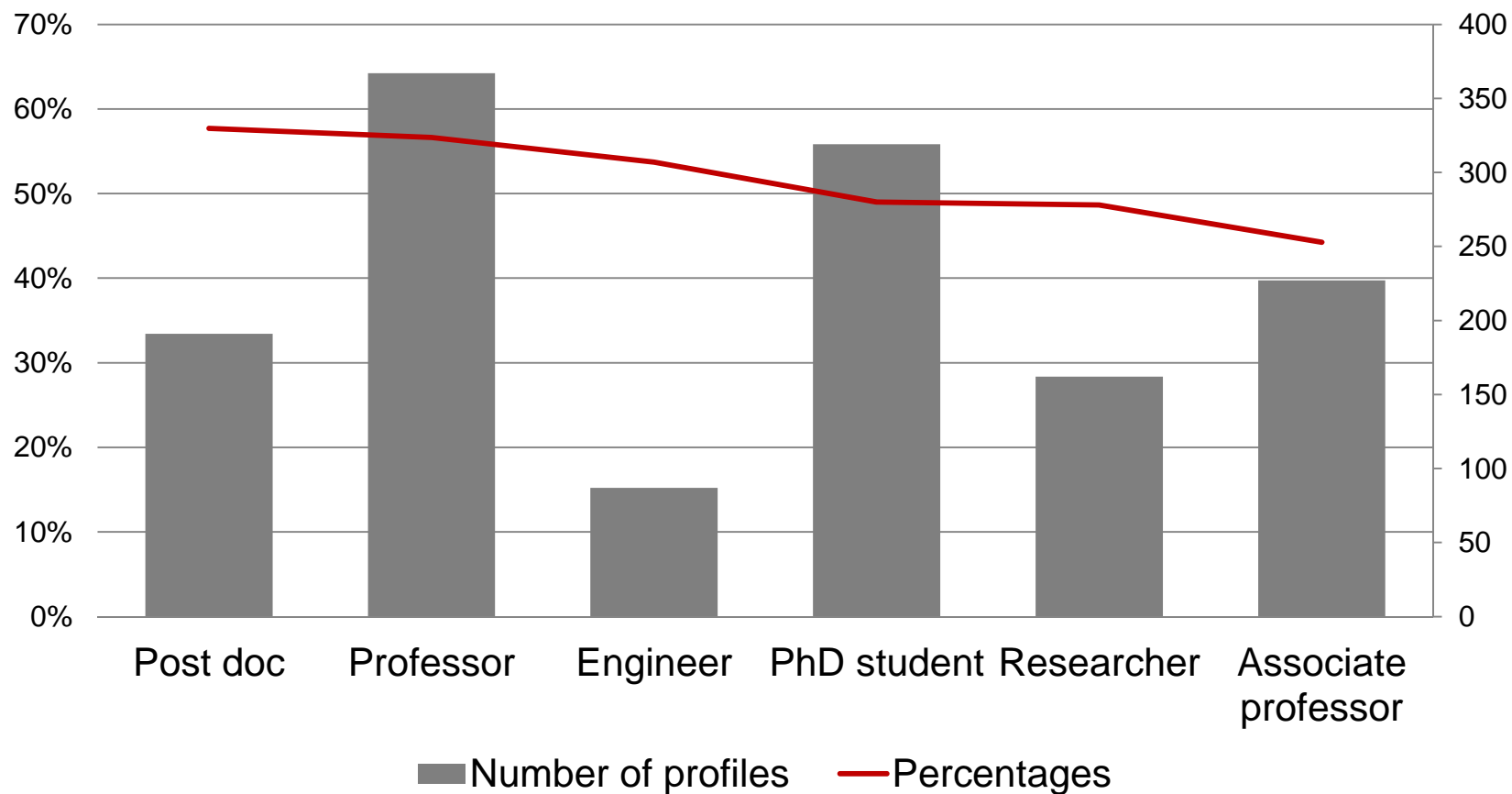
● Academia (ACA) ● ResearchGate (RG) ● ResearcherID (RID) ● ORCID ● GoogleScholar (GS)



Who is using the platforms? – distribution by age

	Total (independent of age)	<35	35-44	45-54	55-64	>64
ORCID	3%	1%	3%	4%	3%	2%
RID	3%	3%	3%	4%	3%	3%
GS	8%	7%	9%	8%	8%	4%
ACA	4%	3%	4%	4%	5%	3%
RG	30%	27%	29%	32%	34%	39%

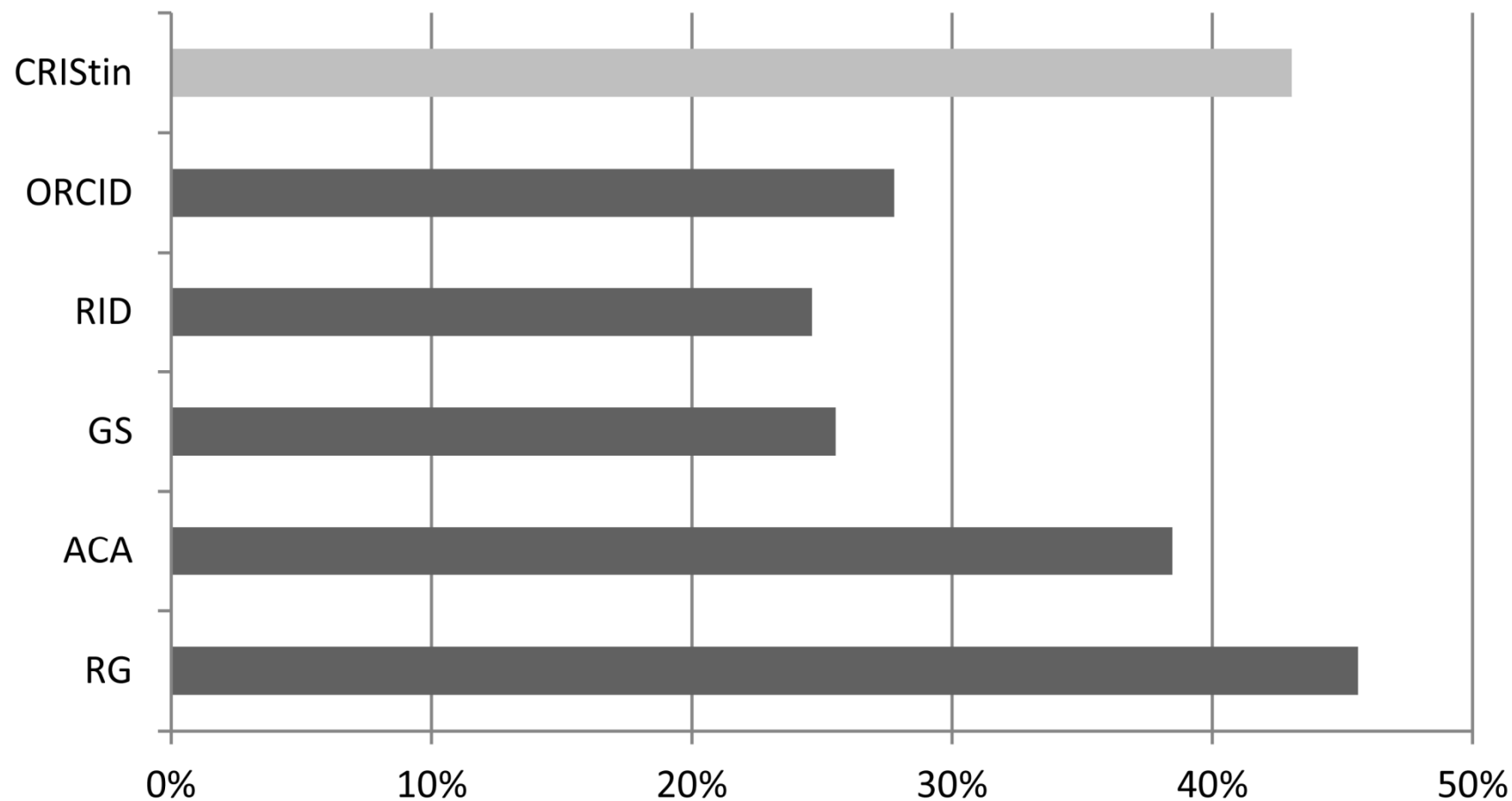
Who is using the platforms? - distribution by position.



Percentages are given relative to number of researchers within the same position.



Who is using the platforms? - distribution by gender.



Relative low attendance of women.



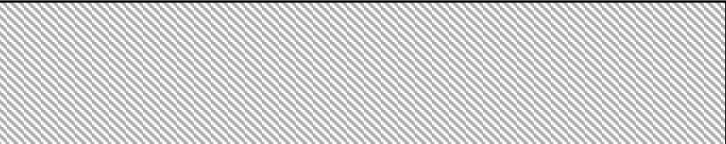
Who is using platforms? - distribution by faculty

	Other units	HUM	LAW	MNT	MED	PSY	SSC
RID	6%	1%	1%	5%	2%	3%	2%
GS	12%	7%	4%	10%	5%	9%	14%
ACA	3%	17%	0%	3%	1%	4%	11%
RG	30%	14%	5%	31%	34%	36%	32%
At least one profile	38%	30%	8%	39%	38%	43%	41%

Law-members not on these platforms
 Hum-members preferable on ACA

Academic network sites and available parameters

academia.edu Search... Log In Sign Up



Follow

Research: Social Media, [New Media Art](#), Electronic Literature, Digital
Interests: Culture, Narrative, Blogs, Blogging, the Blogosphere, and 22 more

About: I'm a Professor of Digital Culture, and I research ways in which people tell stories online, looking at electronic li... more

Books 5
Papers 32


Location
PO Box 7800
5020 Bergen

BOOKS

[Seeing Ourselves Through Technology: How We Use Selfies, Blogs and Wearable Devices to See and Shape Ourselves](#) more


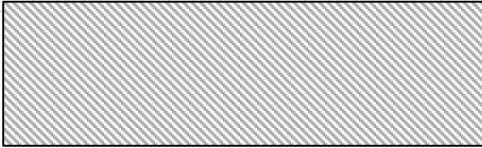
704

192 Following



Google susanne.mikki@gmail.com

Scholar

Citation indices	All	Since 2010
Citations	4037	1789
h-index	37	23
i10-index	84	59

Co-authors [View all...](#)

[Knut Teigen](#), [Angel Luis Pey](#), [Øyvind Halskau](#), [Heidi Erlandsen](#), [Jarl Underhaug](#), [Anne](#)

Badge **ResearcherID Labs**


My Institutions (more details)

Primary Institution: University of Bergen, UIB

Sub-org/Dept:

Role: Faculty

ResearchGate Q&A Publications Jobs



Professor, PhD

University of Bergen · Department of Biomedicine

OVERVIEW CONTRIBUTIONS INFO STATS

140
PUBLICATIONS

12k Views
2,170 Downloads
3,087 Citations
532.38 Impact Points

[View stats](#)

My Publications

My Publications (122)

[View Publications](#)

[Citation Metrics](#)

ResearcherID labs

[Create A Badge](#)

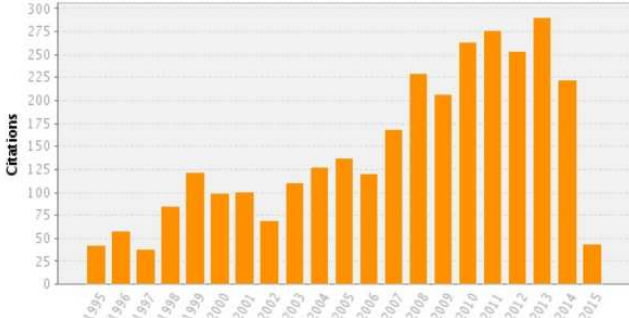
[Collaboration Network](#)

[Citing Articles Network](#)

My Publications: Citation Metrics

This graph shows the number of times the articles on the publication list have been cited in each of the last 20 years. Note: Only articles from Web of Science Core Collection with citation data are included in the calculations. [More information about these data.](#)

Citation Distribution by year



Total Articles in Publication List:	122
Articles With Citation Data:	113
Sum of the Times Cited:	3156
Average Citations per Article:	27.93
h-index:	32
Last Updated:	05/05/2015 07:45 GMT

Parameters retrieved from the five different sites and CRIS tin

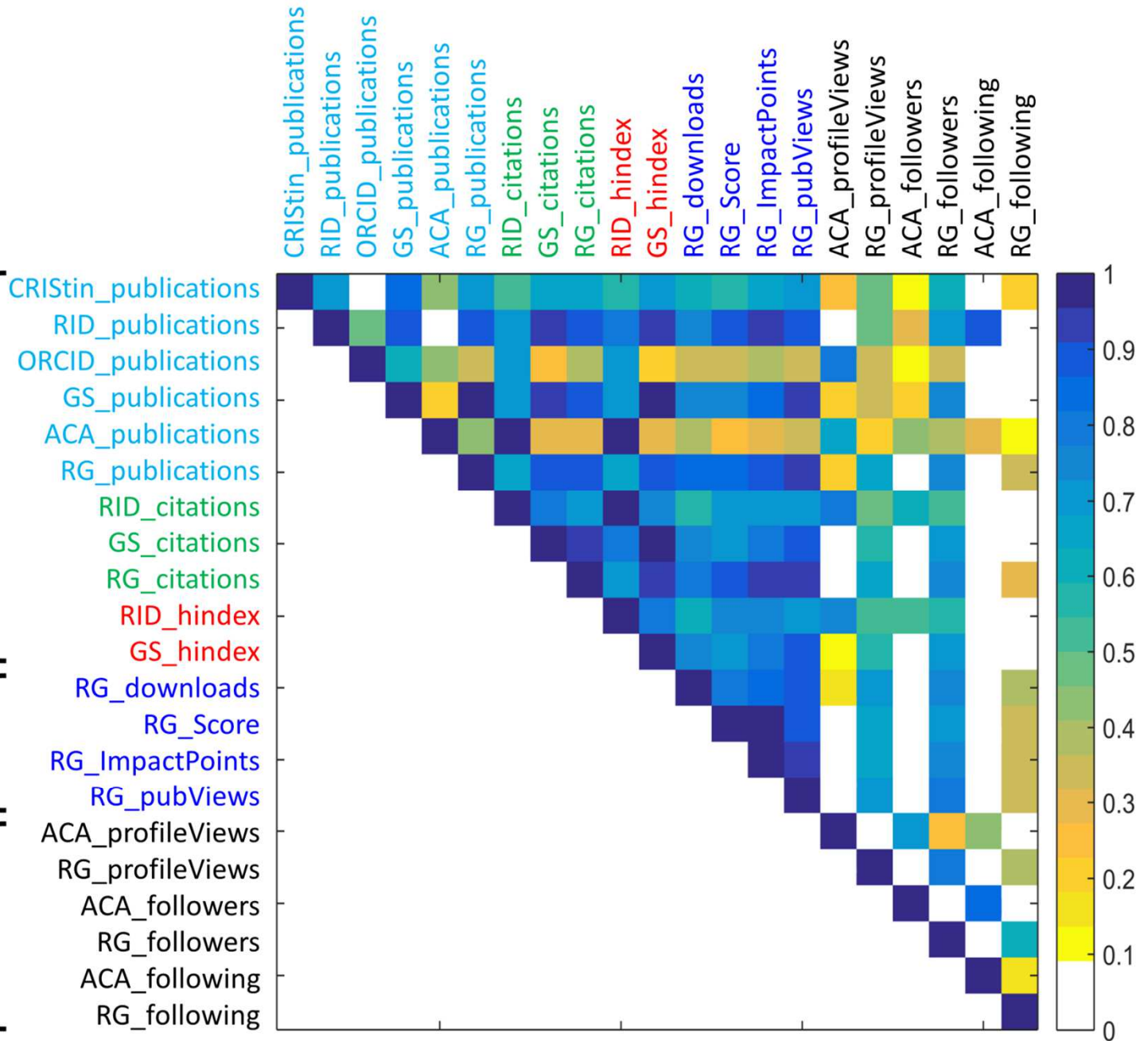
	Publications	Citations	H-index	Publication score	Social activity
CRIS tin	Y				
ORCID	Y				
RID	Y	Y	Y		
GS	Y	Y	Y		
ACA	Y				ProfileViews Followers Following
RG	Y	Y		Downloads RGScore ImpactPoints PublicationViews	ProfileViews Followers Following

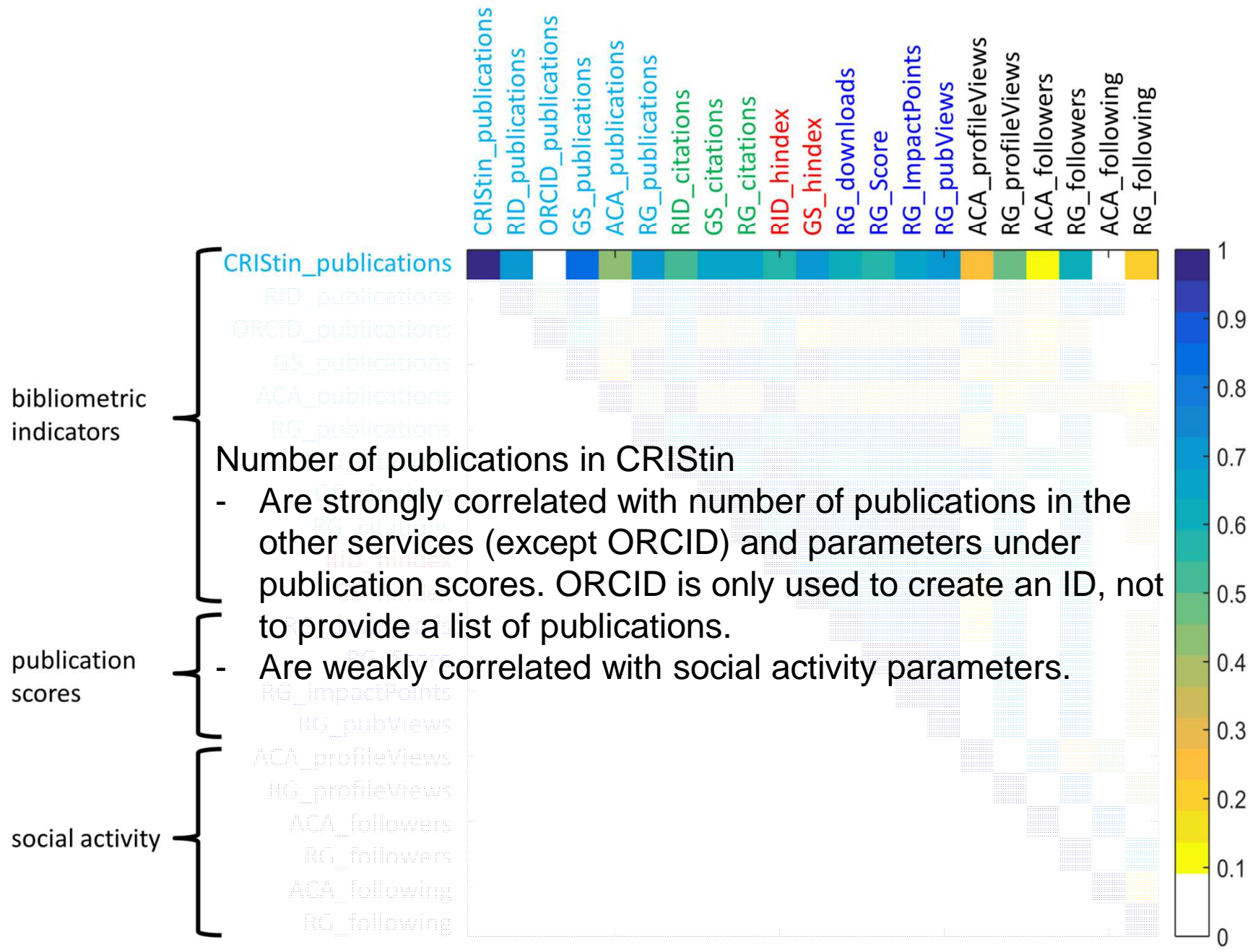
Parameters grouped by type of indicator

bibliometric indicators

publication scores

social activity





Number of publications in CRISTin

- Are strongly correlated with number of publications in the other services (except ORCID) and parameters under publication scores. ORCID is only used to create an ID, not to provide a list of publications.

- Are weakly correlated with social activity parameters.

Thoughts about using available indicators in an evaluation context

- Even though the traditional bibliometric parameters seem to correlate well across services, content is far from complete and reliable.
- Data quality is doubtful
 - Profiles are semi-automatically fabricated, and author recognition might fail.
 - Manipulation is possible.
- We learned that social indicators (altmetrics) can't be used as proxies for traditional indicators. Social indicators express something different.



Finally

- We believe that it is important that the library has knowledge about these services and provides assistance.
- We advise researchers to check and control their digital presence.
- We learned
 - That much of the scholarly literature is visible and available through these sites. They seem to play the role of library portals.
 - That about 40% of our researchers are there.



susanne.mikki@uib.no
hemed.ruwehy@uib.no

TAKK!

Mikki, S., Zygmuntowska, M., Gjesdal, Ø. L., & Al Ruwehy, H. A. (2015).
[Digital Presence of Norwegian Scholars on Academic Network Sites—
Where and Who Are They?](#)

Plos One, 10(11), e0142709. doi: 10.1371/journal.pone.0142709



UNIVERSITY OF BERGEN

University of Bergen Library