

Altmetric & Dimensions

A novel approach to team up-skilling on bibliometric tools

Donna MacColl

Ngā Ratonga Manaaki Rangahau o Te Tumu Herenga, Waipapa Taumata Rau

Research Services, Libraries and Learning Services, The University of Auckland

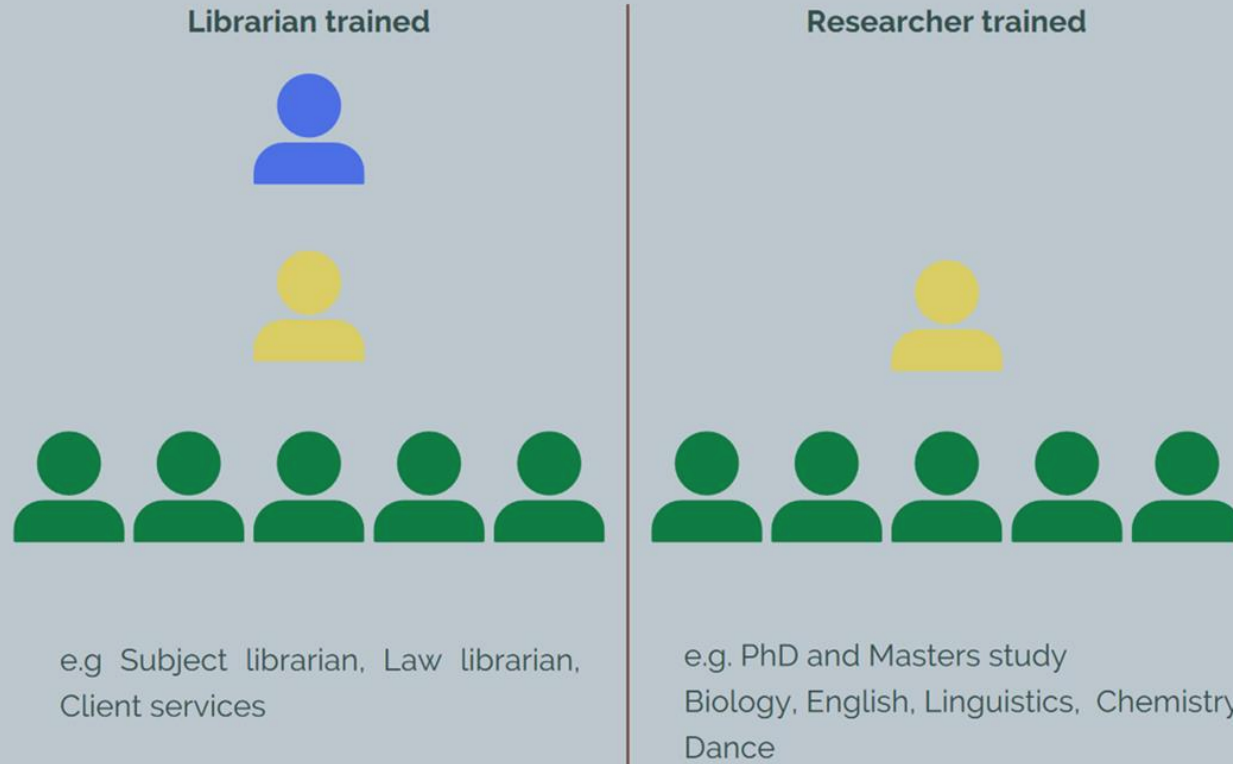


UNIVERSITY OF
AUCKLAND
Waipapa Taumata Rau
NEW ZEALAND



The Research Services Team

RESEARCH SERVICES TEAM



Who we are:

A mix of librarians and non-librarians

What we do:

Support PGs, PhDs and Staff
Bibliometrics
Publishing
Profiles
Systematic Reviews

We explored 4 tools



Dimensions



Altmetric Explorer



SciVal



InCites

The task...

Benefits and Limitations



Sources, coverage, simplicity...

Experiment with diverse disciplines



Does it work for all disciplines?

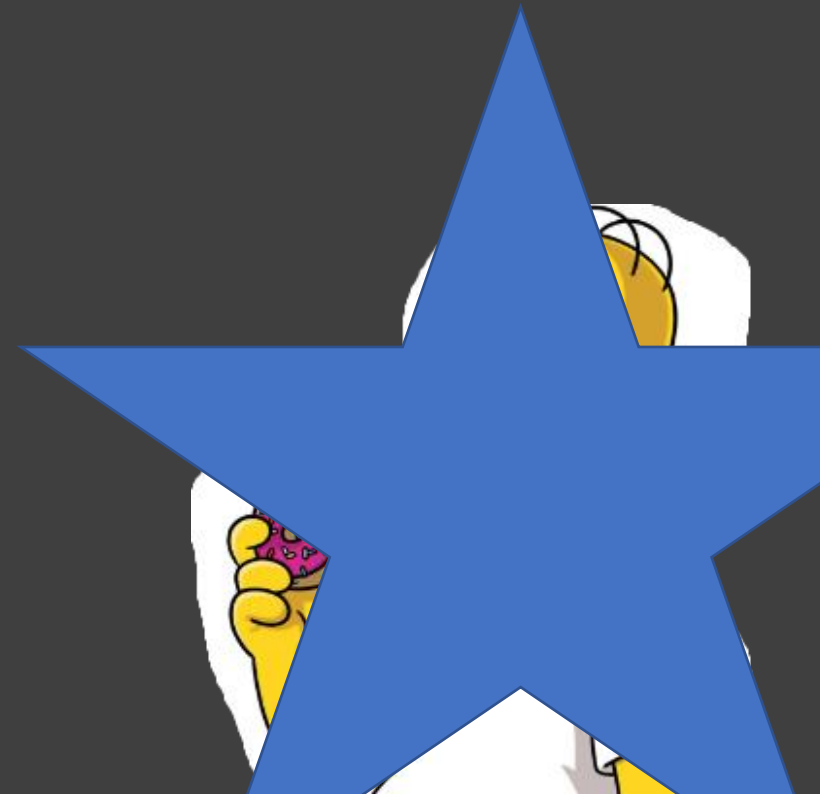
Present back to the whole team



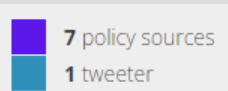
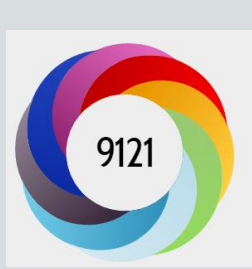
10 minute presentation of the bits
we all should know



DISCOVER
THE DONUT



Match the output to the donut



Effectiveness and costs of interventions to lower systolic blood pressure and cholesterol: a global and regional analysis on reduction of cardiovascular-disease risk

Dictionary of nineteenth-century journalism in Great Britain and Ireland

Alcohol use and burden for 195 countries and territories, 1990-2016: A systematic analysis for the Global Burden of Disease Study 2016.

Benefits and limitations



BENEFITS	LIMITATIONS
Speed: more immediate than traditional metrics	Unregulated: could be manipulated or gamed
Range: various types of sources, normalizes alternative metric data	Reliability: may indicate popularity with the general public rather than quality research
Non-academic: can measure impact outside the academic word, where people may use but not cite research	Acceptance: Many funders and institutions use traditional metrics to measure research impact
Sharing: if researchers get credit for a wider range of research outputs, it could motivate further sharing/support Open Access	Context: use of online tools may differ by discipline, geographic region, and over time.

Case study 3: Across disciplines

ARTS



Paternal Depression Symptoms During Pregnancy and After Childbirth Among...

Article in **JAMA Psychiatry**, April 2017



Ritual human sacrifice promoted and sustained the evolution of stratified...

Article in **Nature**, April 2016



Reassessing the environmental context of the Aitape Skull – The oldest tsunami...

Article in **PLOS ONE**, October 2017

CREATIVE ARTS



Analysing Privacy Policies and Terms of Use to understand algorithmic...

Article in **Journal of the Royal Society of New Zealand**, April 2022



The Palgrave Encyclopedia of Urban and Regional Futures

Book, January 2020



"My Library Has Just Been Obliterated": Producing New Norms of Use Via Software...

Article, April 2020

SCIENCE



Alcohol use and burden for 195 countries and territories, 1990–2016: a...

Article in **The Lancet**, September 2018



Learned control of urinary reflexes in cattle to help reduce greenhouse gas...

Article in **Current Biology**, September 2021



The global burden of cancer attributable to risk factors, 2010–19: a systematic...

Article in **The Lancet**, August 2022

MEDICAL AND HEALTHS SCIENCE



Vitamin D supplementation to prevent acute respiratory tract infections:...

Article in **British Medical Journal**, February 2017



The Lancet Commission on lessons for the future from the COVID-19 pandemic

Article in **The Lancet**, October 2022



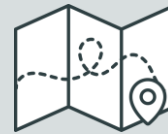
Food in the Anthropocene: the EAT–Lancet Commission on healthy diets from...

Article in **The Lancet**, February 2019

Where to now?



Continue to build our skills and knowledge as a team



Build on our existing bibliometric service



Outreach and engagement across the university



UNIVERSITY OF
AUCKLAND
Waipapa Taumata Rau
NEW ZEALAND

Thank you!

DOI: 10.17608/k6.auckland.22180456

