

# Altmetric & Dimensions

## A novel approach to team up-skilling on bibliometric tools

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UNIVERSITY OF  
**AUCKLAND**  
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# The Research Services Team

## RESEARCH SERVICES TEAM

Librarian trained



e.g Subject librarian, Law librarian,  
Client services

Researcher trained



e.g. PhD and Masters study  
Biology, English, Linguistics, Chemistry,  
Dance

### 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



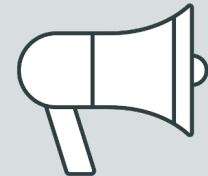
Sources, coverage, simplicity...

## Experiment with diverse disciplines



Does it work for all disciplines?

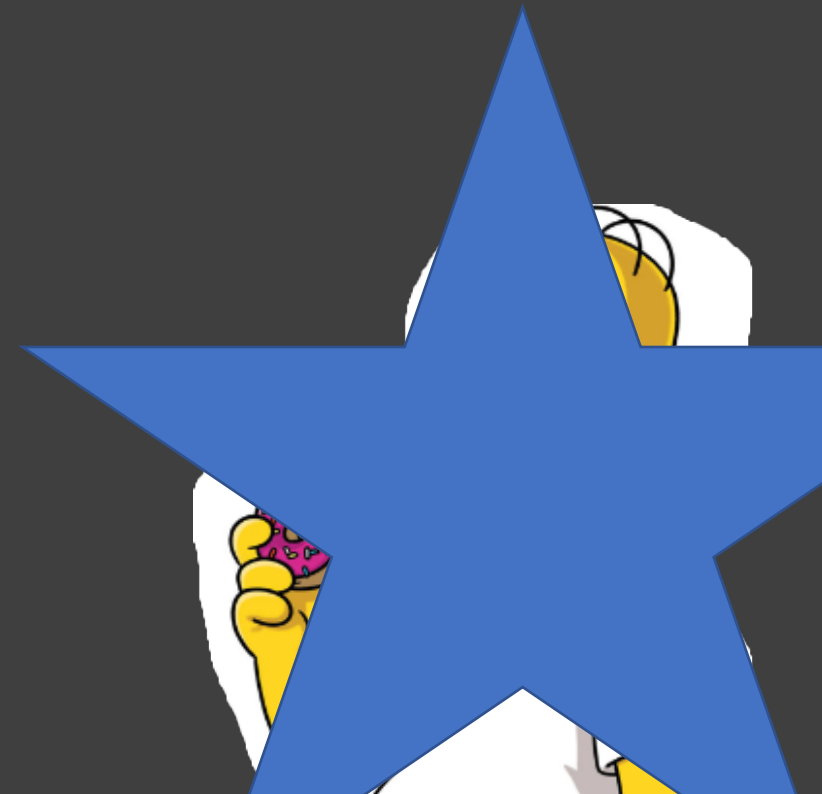
## Present back to the whole team



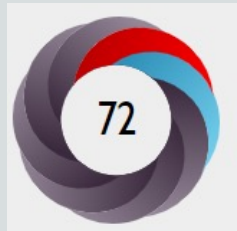
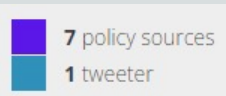
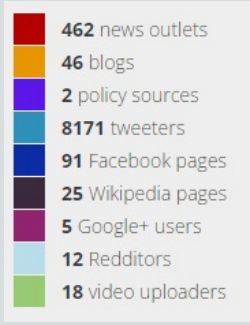
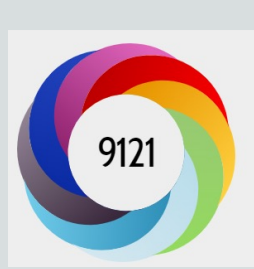
10 minute presentation of the bits  
we all should know



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

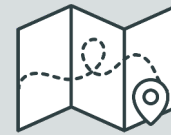
Article in **The Lancet**, February 2019



# 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



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# Thank you!

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