

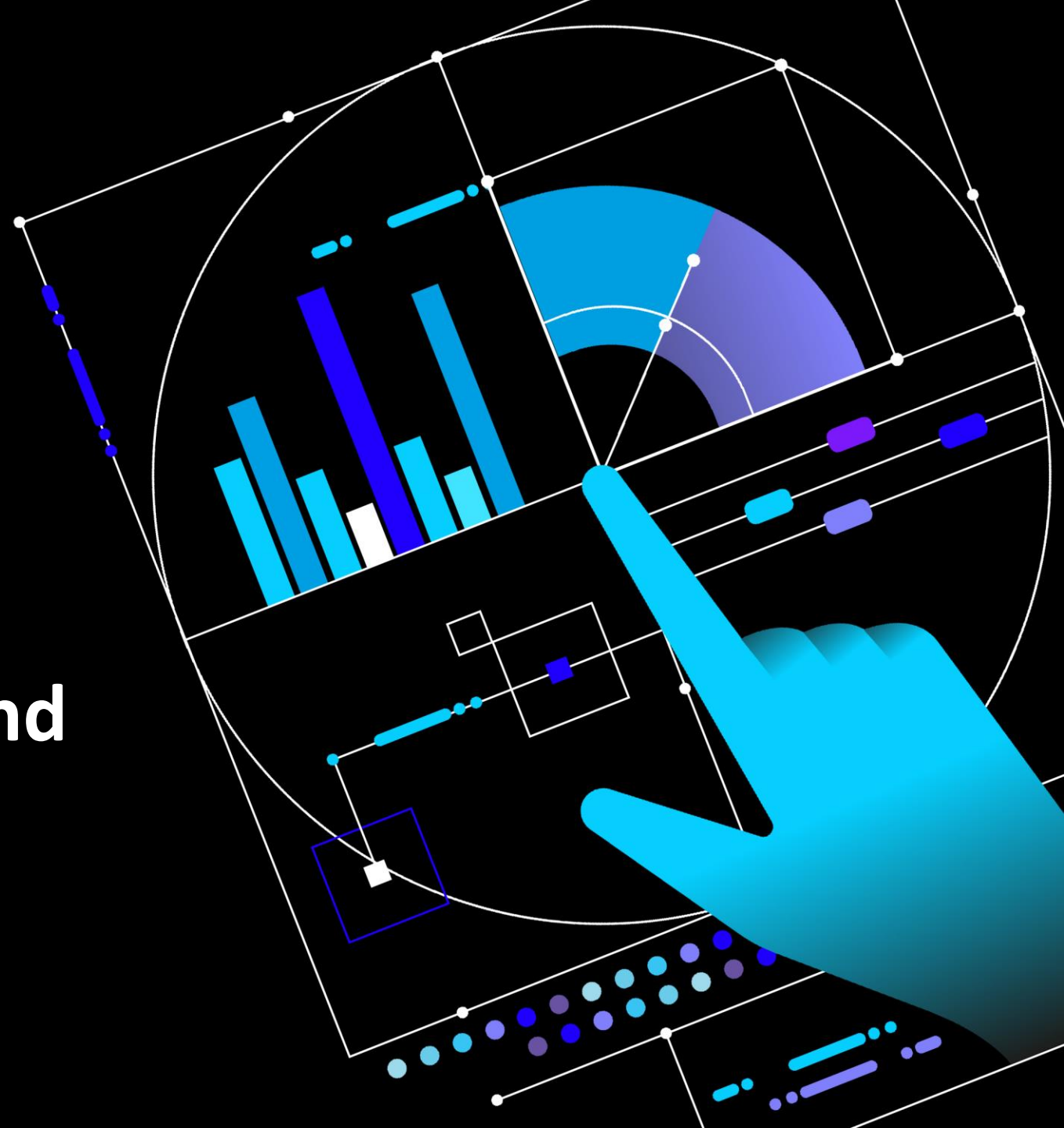


**World
University
Rankings 2025**

The 2025 World University Rankings Masterclass – Australia & New Zealand

David Watkins
Managing Director, Data

Mark Caddow
Senior Data Scientist
Times Higher Education



50+ Years of Insights

Empowering higher education by combining data and expertise within a global platform, THE helps universities deliver transformative impact for people, places and the planet.

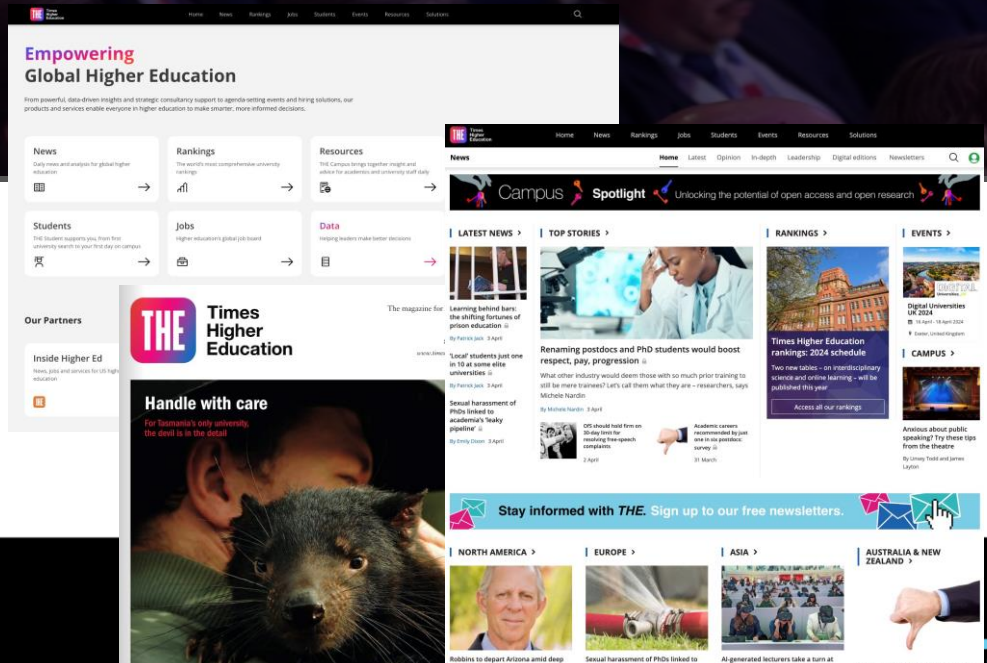
We connect the world's higher education community, facilitate the flow of ideas and talent, and help academics and students fulfil their potential.

We are proud to support universities, and believe that together we will build a better, more sustainable future.

1971



2024



Our Rankings

RESEARCH



Focus: research output, research quality, research collaboration, reputation + more

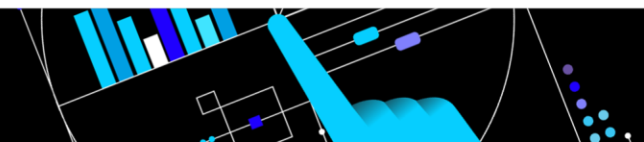
Participation rules: 1,000+ publications over 5 years, teach undergraduates across a range of subjects

IMPACT & SUSTAINABILITY



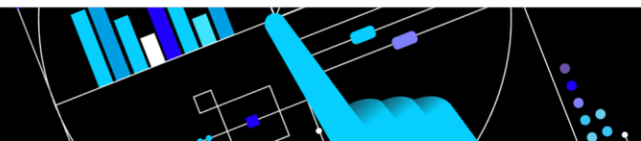
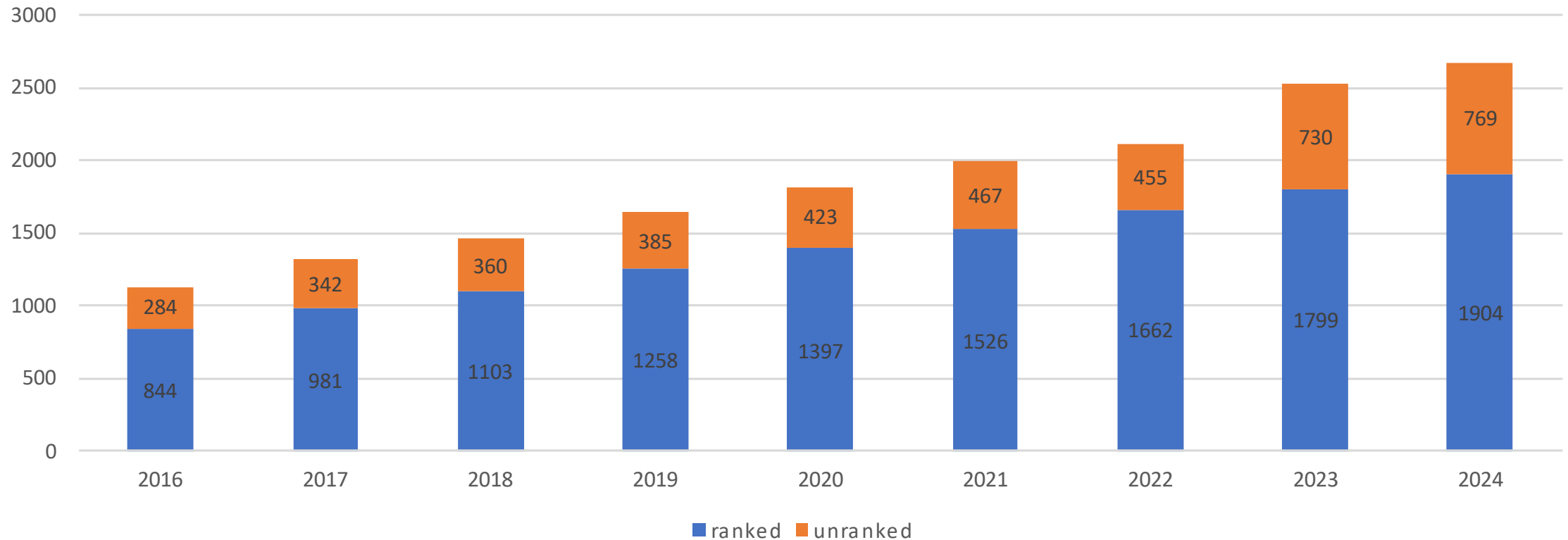
Focus: research, teaching, stewardship and outreach against the UN's 17 Sustainable Development Goals

Participation rules: all UG or PG higher education institutions



WUR 2024: 20th Anniversary of THE World University Rankings

Number of universities which submitted data to THE World University Rankings



2092 Ranked Universities



Africa moves up the rankings

Africa's representation is surging, as more institutions develop their research infrastructure, increase research productivity and seek to compete with the best in the world. Nigeria added six universities to the global rankings, taking its total to 21, while in the north, Egypt added seven to reach 35.

Seven countries make their debuts in the world rankings: Bahrain; Democratic Republic of the Congo; Mongolia; Paraguay; Rwanda; Syria and Uzbekistan, as their universities begin to compete in global research.

And, the two decades since the first ranking have not just witnessed the emergence of a much more diverse range of countries with universities represented among the growing global research elite – it has also seen a surge in performances that challenge the traditionally dominant Western nations.

NEWS

Oxford University keeps global top spot



GETTY IMAGES

The university has kept the top spot in the world for the ninth year in a row

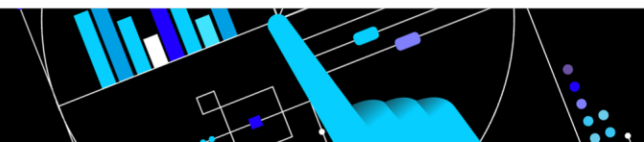
Emily Ford & PA News

BBC News

9 October 2024 · 19 Comments

The University of Oxford has kept top place in an international league table for a record-breaking ninth year in a row.

It's featured in the first position of the [Times Higher Education \(THE\) world rankings](#).



The world's biggest university ranking

Universities

The world's biggest university ranking

Universities submitted data

2,860

Number of countries represented

133

Bibliometrics

In partnership with **ELSEVIER**

Research papers

18m

Citations

157m

Universities Data

The world's largest data gathering exercise from universities

Data values

472,694

Data fields collected

216

Academic Survey

The world's largest academic survey

Respondents

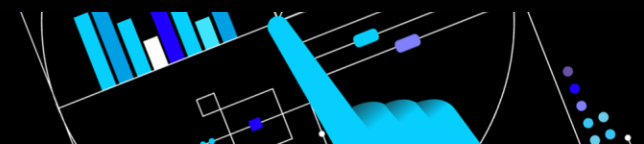
93,440

Votes

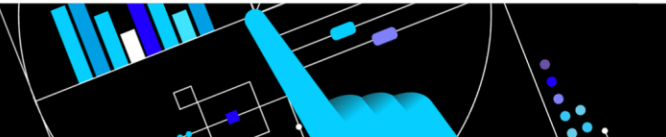
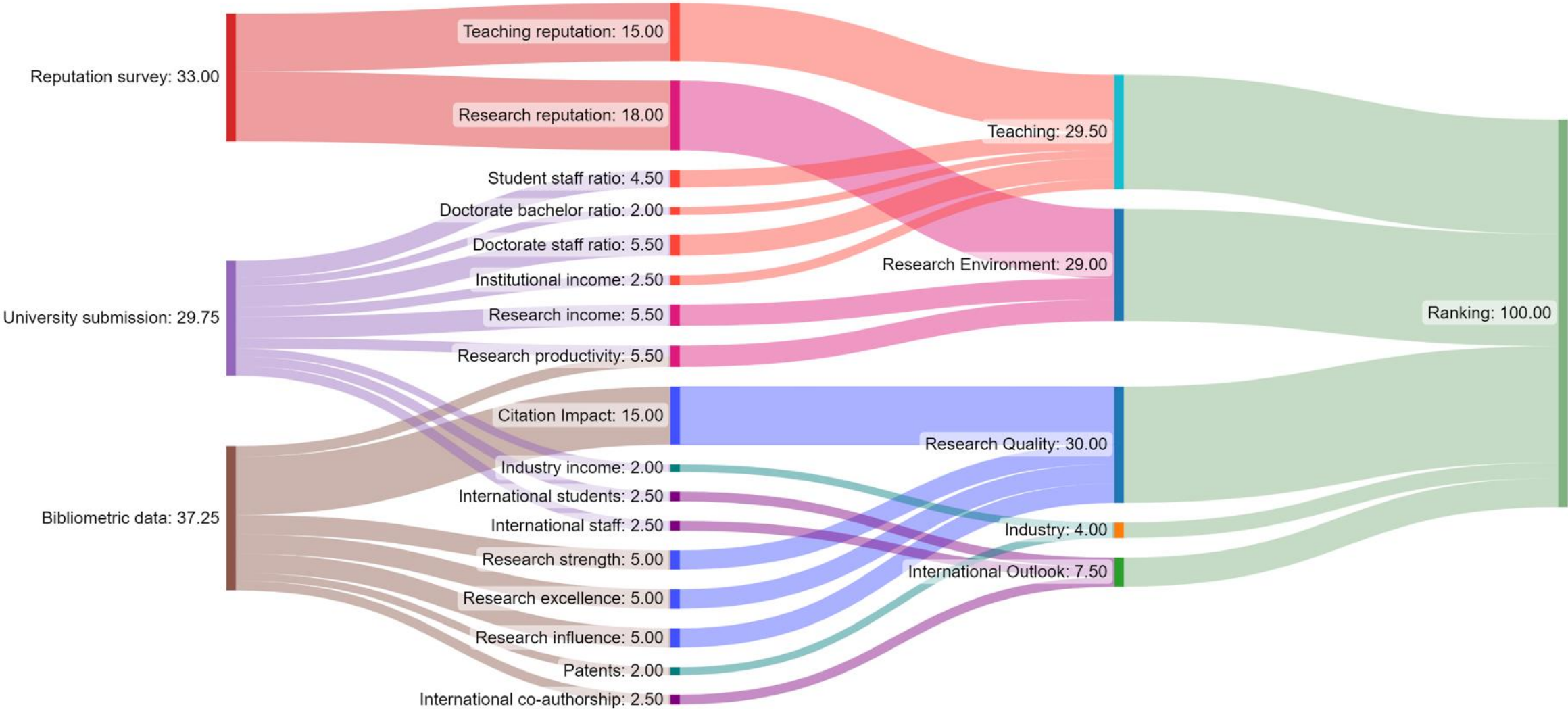
1,288,684

Countries

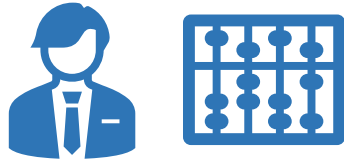
199



Methodology



Data Source – University submissions



Nominated data provider

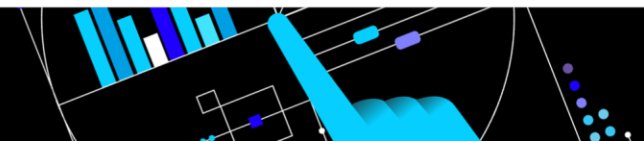


Institutional scope
Institutional data



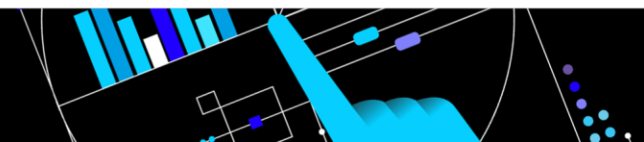
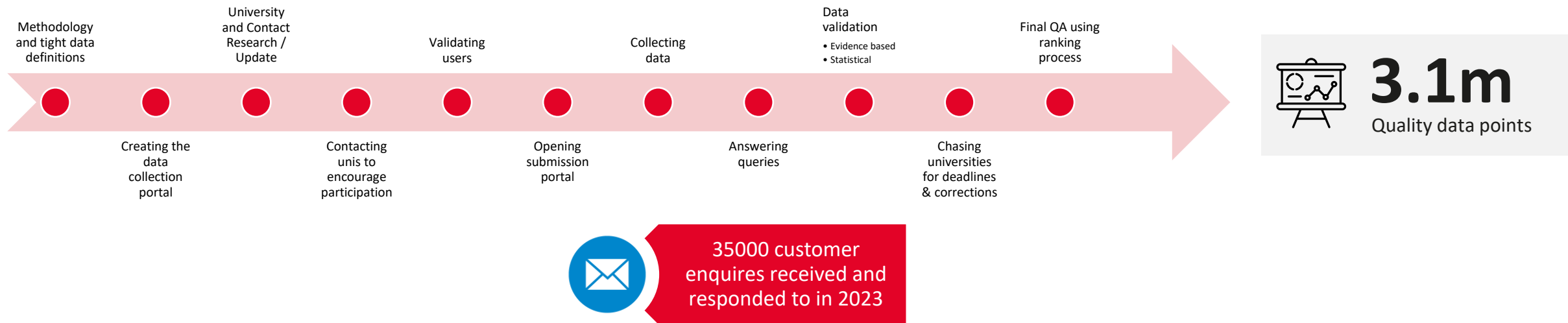
Publicly available data
Year on year
Data submitted for other rankings
Similar institutions

profilerankings@timeshighereducation.com



Key building block: University performance data

- Data is collected direct from universities every year
- Data is collected for the entire university, and in 11 broad subject areas
- Data is validated using statistical techniques, and verified against over 70 external datasets – more are added each year

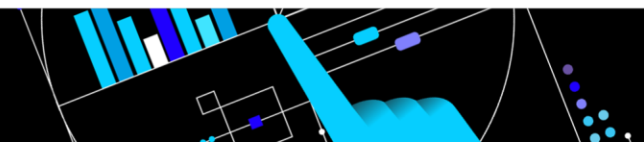


Financial fairness

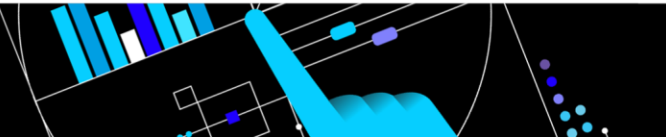
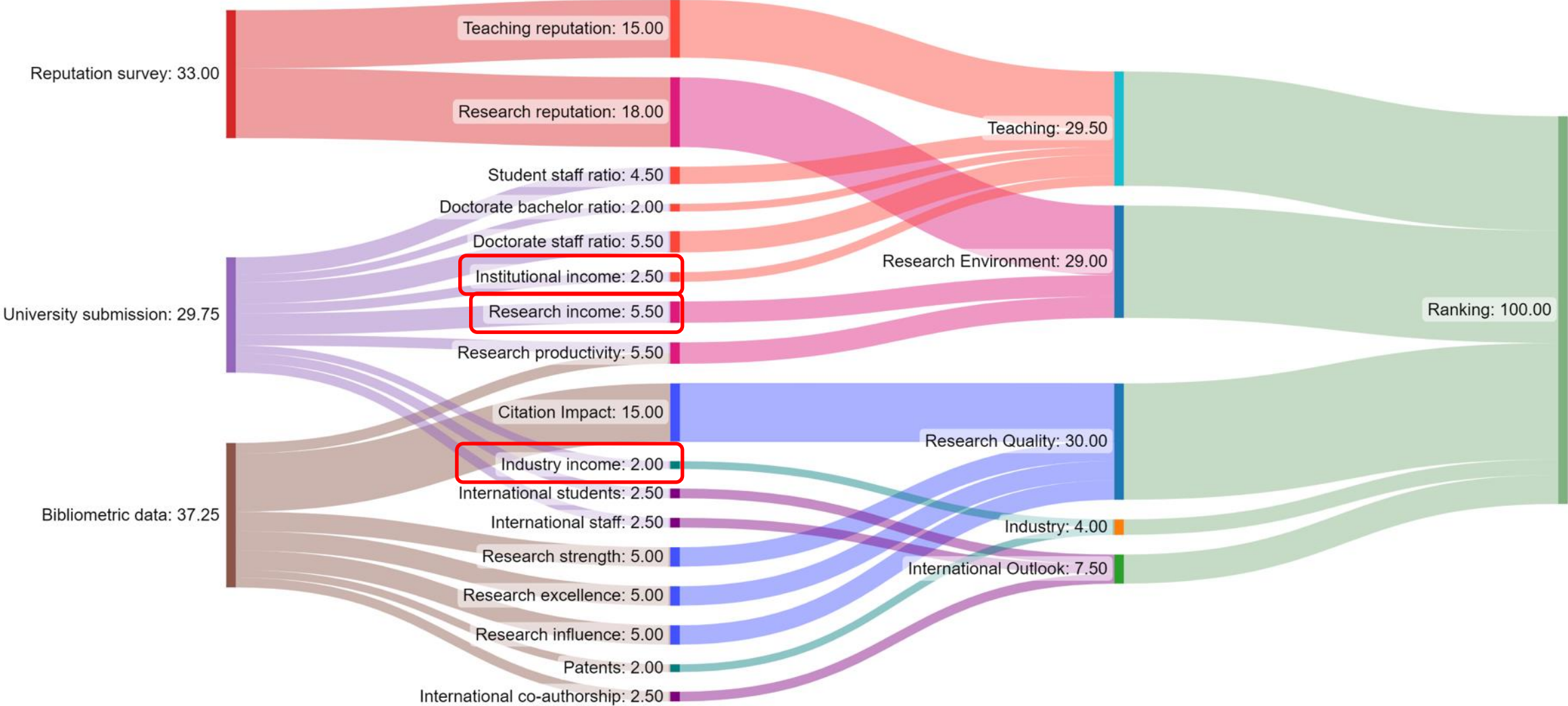
- Domestic currency vs reporting currency
- Conversion to domestic currency
- Purchasing power parity
- Conversion to PPP USD

Example

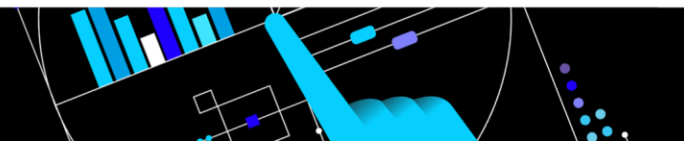
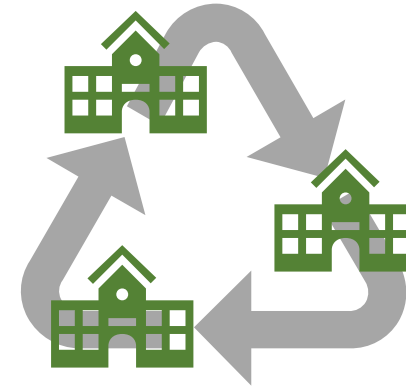
- University A in Hong Kong reports 1,000,000 USD as their industry income
- Average USD:HKD exchange rate in 2022 is 7.83
1,000,000 USD
= 1,000,000 * 7.83 HKD
= 7,830,000 HKD
- PPP rate for HKG in 2022 is 5.55
7,830,000 HKD
= 7,830,000 / 5.55 PPP USD
= 1,410,810 PPP USD



Fairness across subjects



Data Source – Global Academic Reputation Survey



Methodology

- Invitees are selected by Times Higher Education. Strictly invitation-only. Universities cannot make nominations or supply contact lists, and individuals cannot nominate themselves for participation.
- Survey is sent to active academics.
- The results are benchmarked using an independent dataset. This is to ensure the ranking is representative of the global distribution of scholars, both by country and subject.

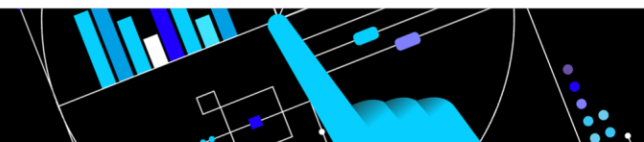


Methodology

- Scholars are questioned at the level of their specific subject discipline and are asked to name up to 15 universities that they believe are the best in research and teaching. Voting is unordered.
- We also ask about demographics and the rationale behind why people vote the way they do.
- Translated into 12 languages.

Academic survey details

	1	2	3	4	5	6
	Data sources	Initial participation rules	Selection method	Stratification	Quality checks	Number of responses
New approach	Contact details from <i>openly available research papers</i>	Have published at least once in last five years, <i>with one or more citations</i>	Random	1) National based on country, 2) Subject based on previous survey results*	National and <i>university level</i>	c 55,000
Previous approach	Contact details from research papers <i>within Scopus</i>	Have published at least once in last five years. <i>Not included in another Elsevier survey.</i>	Random	1) National based on country, 2) Subject based on previous survey results	Mainly national level only	c 10,000

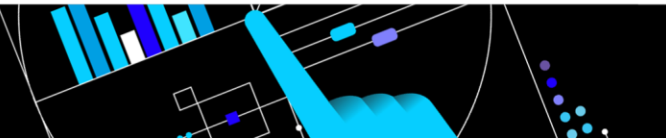


Effect of new approach

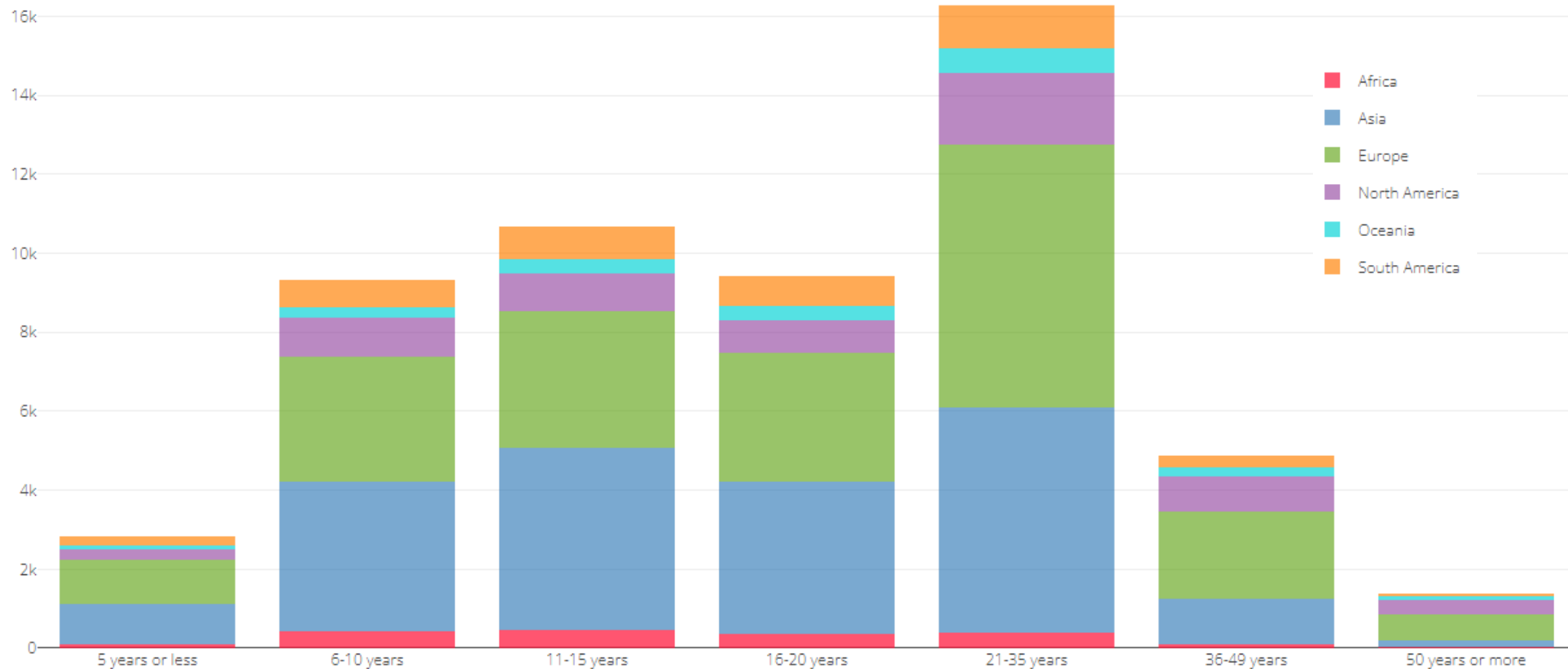
The new in-house survey attracts more than 5 times as many votes as the previous out-sourced survey, giving us far more representation, plus deeper insight as we know more about the respondents

	2021 (Elsevier)	2023 (In house)	2024 (In house)	Ratio 2021-2024
Respondents	10,963	38,796	55,037	500%+
Ranking votes	149,536	524,305	764,397	510%+
Countries participating	128	166	193	150%
Response rate	1.6%	1.8%	1.8%	

WUR 2025 will utilise reputation survey results from 2023 and 2024 surveys, utilising more than 5.2 times as many votes in the reputation metrics compared to WUR 2022



Participants are experienced academics



Changes to reputation

Self-voting is not wrong, unless it is abused

- Self-votes are now limited to a maximum of 10% of an institution's votes
- Only a small number of institutions are affected

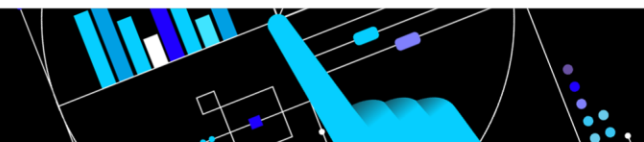


Voting distribution

- Where votes come from a small range of institutions it may be an indicator of inappropriate behaviour
- We are now limiting the ratio of votes per institution to 12:1
- Less than 15 institutions are affected

Country distribution

- The current dataset of national researcher numbers is being discontinued
- Need to find a new stratification approach



Pairwise comparison

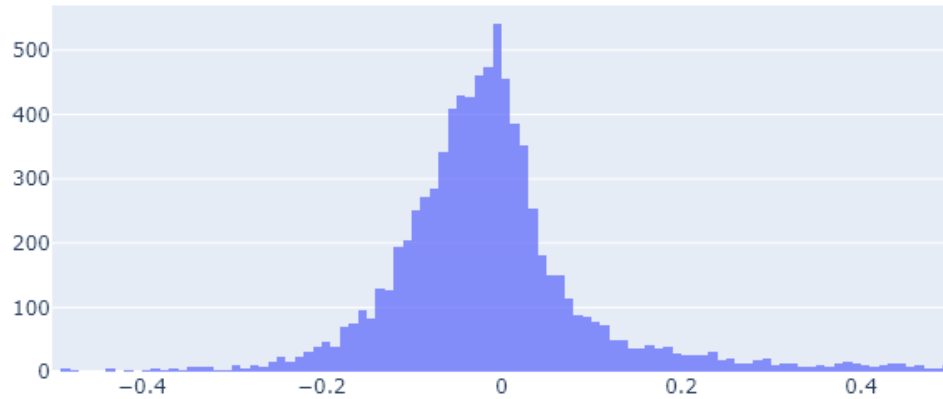
Pairwise comparison

- The existing survey allows participants to select any university that comes to mind.
- We can also present specific institutions to respondents and ask them to pick their preference. This pairwise comparison creates an ordered list of universities.
- This approach can help move voters away from the super-brands and get them to consider those further down the ranking.

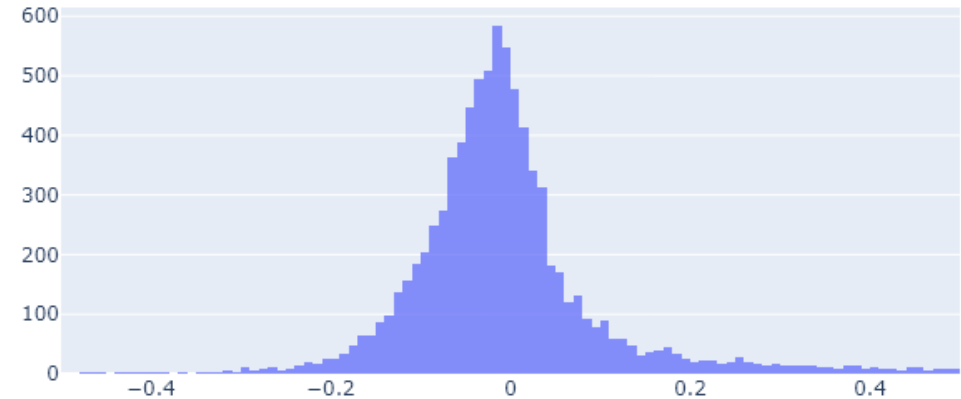


More universities lie in the centre ground with this approach

Pairwise comparison parameters - research



Pairwise comparison parameters - teaching



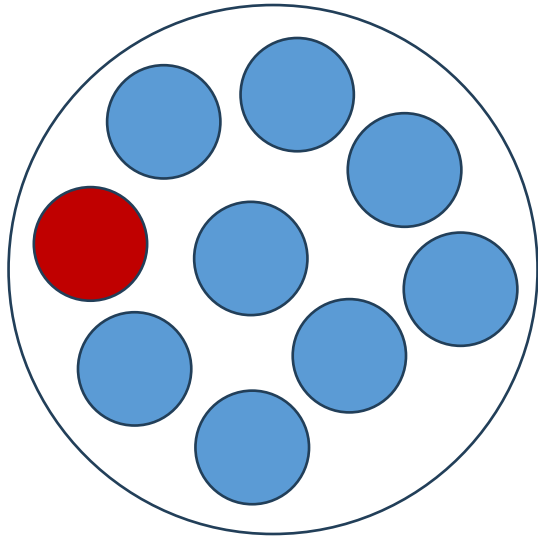
Voter diversity

When discussing reputation, the current ranking scores universities on the number of votes they receive.

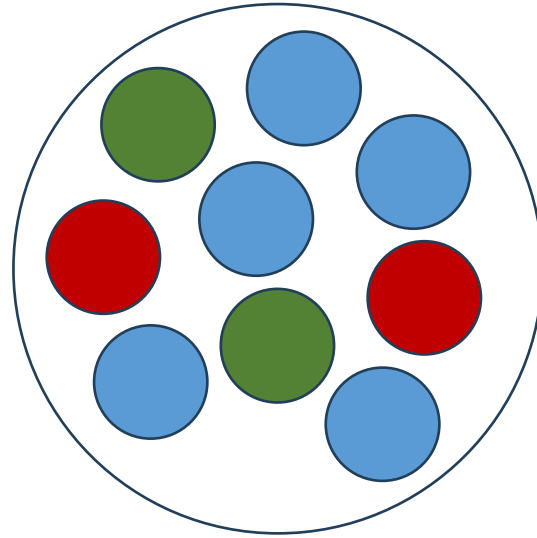
But if two universities have similar vote counts, how could we differentiate between them?

In a global ranking, we might argue that a university with votes coming from many subjects and territories has a stronger brand than one that sources its votes from a narrow pool of respondents.

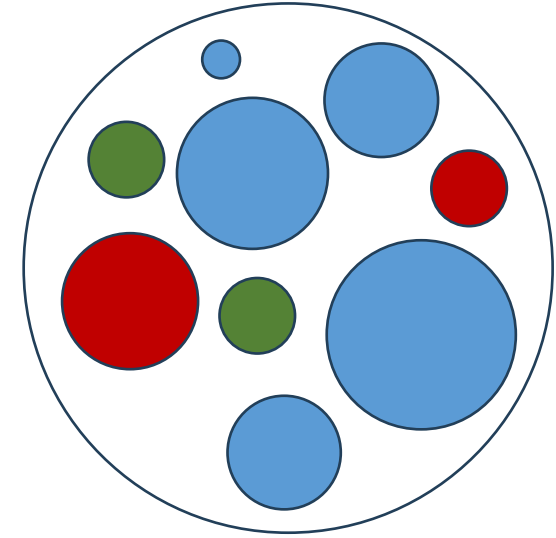
Entropy measures how much diversity a dataset has



A



B



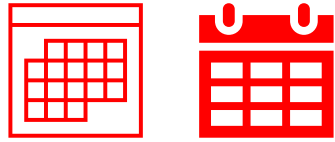
C



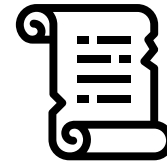
This method can be used to reward universities that have a brand that ranges across different disciplines and territories.

It is the diversity of respondents that count, not the number of votes.

Data Source – Bibliometric data



2019-2023



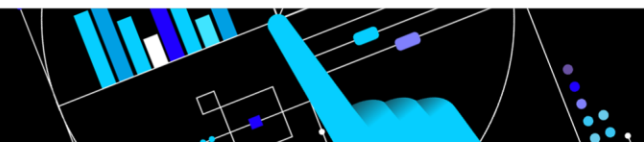
Journal papers, conference proceedings, books, book chapters, reviews



Discontinued journals



Patent offices increased from 5 to 103 (of which 43 have valid data)



Partnership with Elsevier

THE and Elsevier have recently renewed their partnership agreement.

THE will now be calculating bibliometric measures directly from the source data, with support from Elsevier.

Both companies will share expertise, experience and data to support the sector.

Key building block: Bibliometrics

Data comes from Elsevier's Scopus dataset

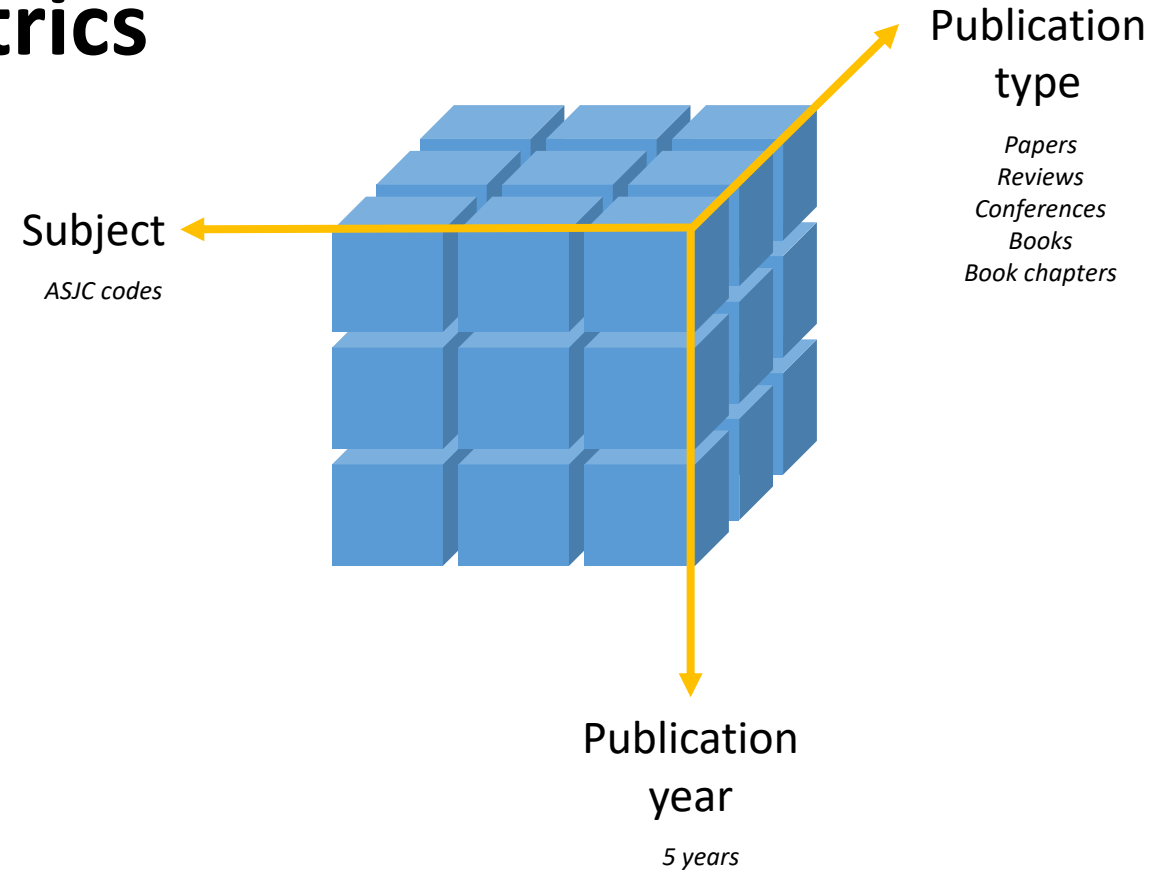
A fundamental measure is Field Weighted Citation Impact.

We want to calculate the average number of citations that a piece of research from an institution receives

We normalise by

- Year
- Type of publication
- Subject

Within each cell we compare a paper to the average



Let's say I published a journal article in 2019 on artificial intelligence, and it received 6 citations so far...

...and the average number of citations received by publications of the same type, same year and same subject is 2...

...then the FWCI of this publication is $6/2 = 3$

Research Quality Metrics

Citation Impact

- Mean FWCI of an institution's research output

Research Strength

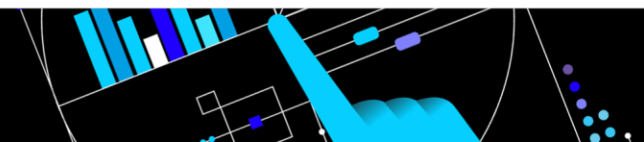
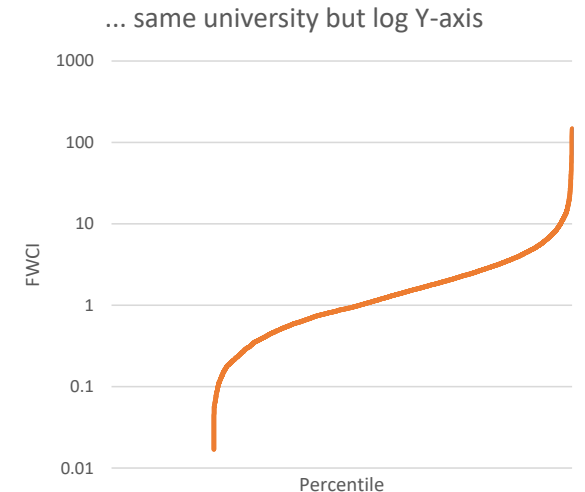
- 75th percentile FWCI of an institution's research output

Research Excellence

- Number of papers in top 10% by FWCI

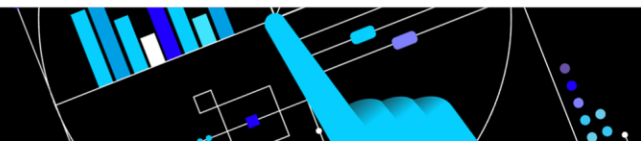
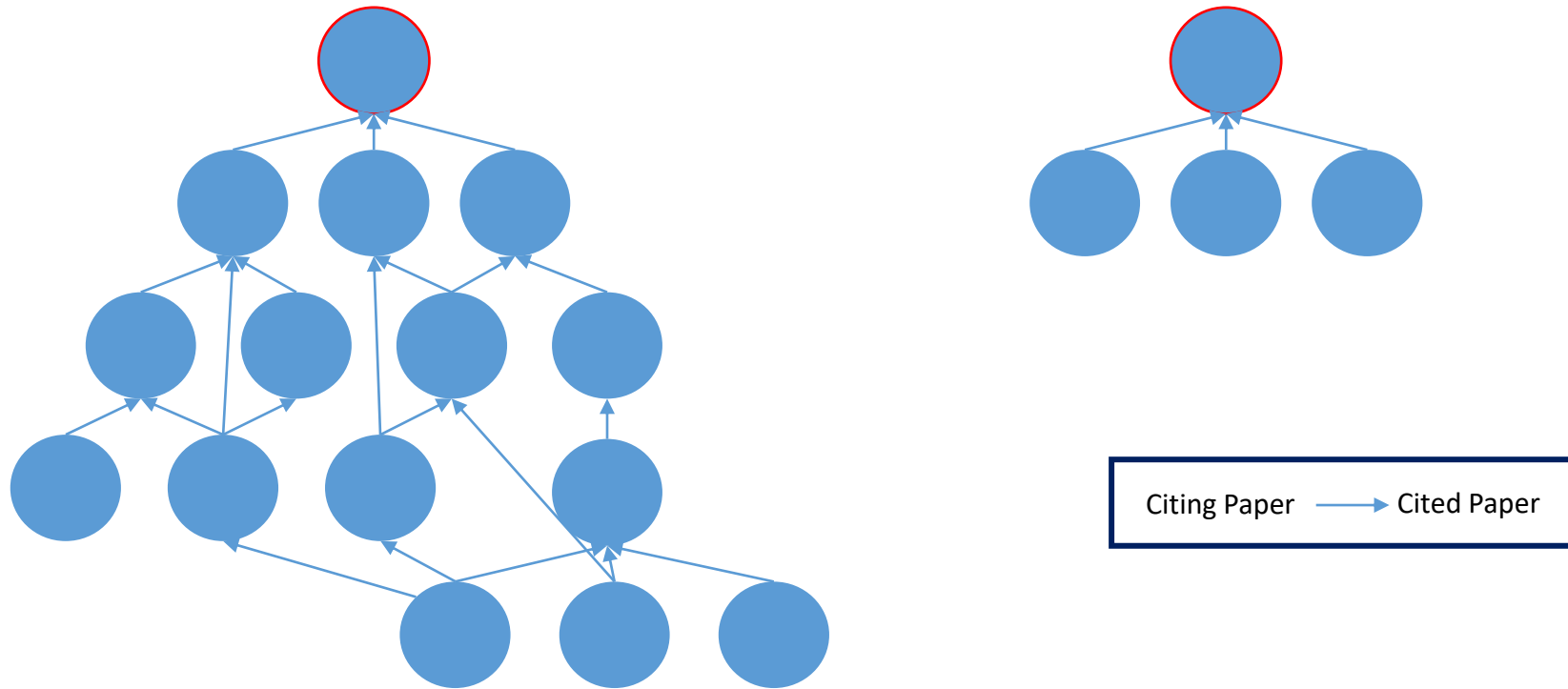
Research Influence

- Network of citations rather than just one level of citation

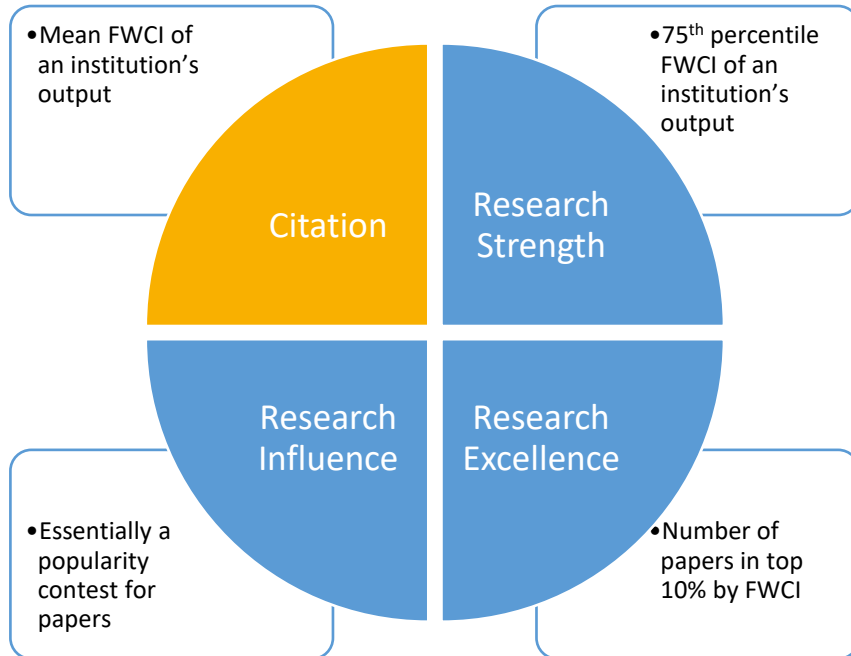


Research Influence - Papers

Taking a broader look at how citations interlink gives us deeper insight into the value of research

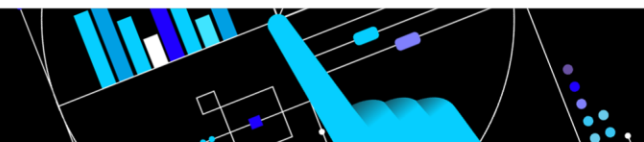


Research Quality in the World University Rankings



WUR 2025 Research Quality Top 10

- Massachusetts Institute of Technology
- Stanford University
- Harvard University
- Carnegie Mellon University
- University of California, Berkeley
- Vita-Salute San Raffaele University
- Princeton University
- University of Oxford
- Imperial College London
- Humanitas University
- UCL

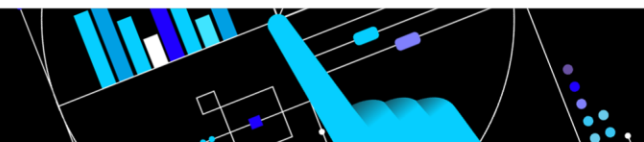


Effect on participation rules

Using a basket of bibliometric measures makes the assessment of quality more stable and robust.

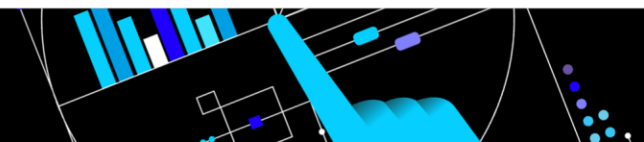
We expect that this will enable us to reduce the number of papers required for participation in the World University Rankings

- Initial reduction in the number of papers per year (maintaining an overall requirement)
- Possible reduction in the overall number of papers required
- Ability to build more sophisticated approaches accounting for subject balance



Industry: Patents

- The extent to which universities are supporting their national economies through technology transfer is an area that deserves greater recognition. We will be introducing an additional measure.
- Directly measures research output, specifically how much an institution's research is cited by patents. This is similar to one that we already use within the THE Impact Rankings (in SDG 9: Industry, Innovation and Infrastructure).
- This measure is subject weighted to avoid penalising universities producing research in fields low in patents.
- This is a count of patents, normalised by staff numbers.



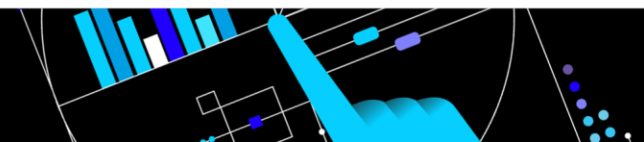
Subject weighting worked example

Non subject weighted metric – Doctorate undergrad ratio

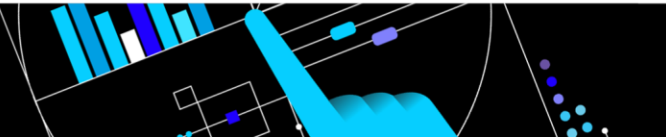
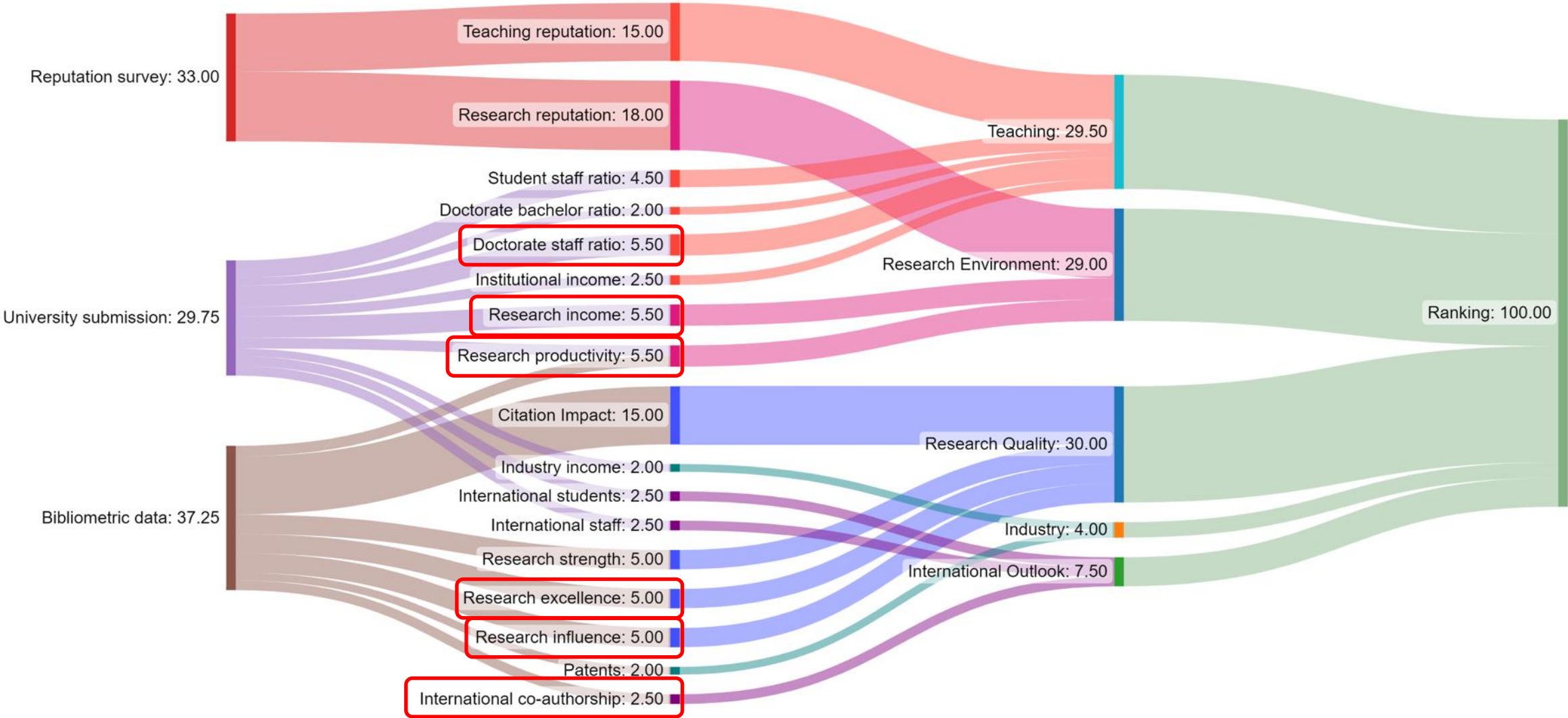
	Overall
Portal Data	
Doctorates Awarded	713
Undergrad Awarded	3562
Ratio	0.20
Statistics of ratio	
mean	0.08
stdev	0.12
Score	
	84.9

Subject weighted metric – Doctorate staff ratio

	Arts	Medicine	Science	Total
Portal Data				
Doctorate awarded	43	173	72	288
Academic staff	128	286	92	506
Ratio	0.34	0.60	0.78	0.57
Statistics of Ratio				
mean	0.1	0.23	0.18	
stdev	0.13	0.41	0.23	
Z-score of ratio				
	1.81	0.91	2.62	
Weighted sum of Z-score				1.45
Statistics of weighted sum				
mean				0.00
stdev				0.80
Score				
				96.5

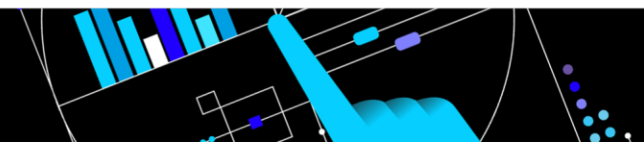


Fairness across subjects

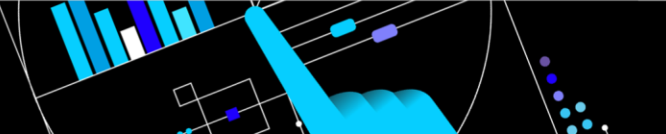
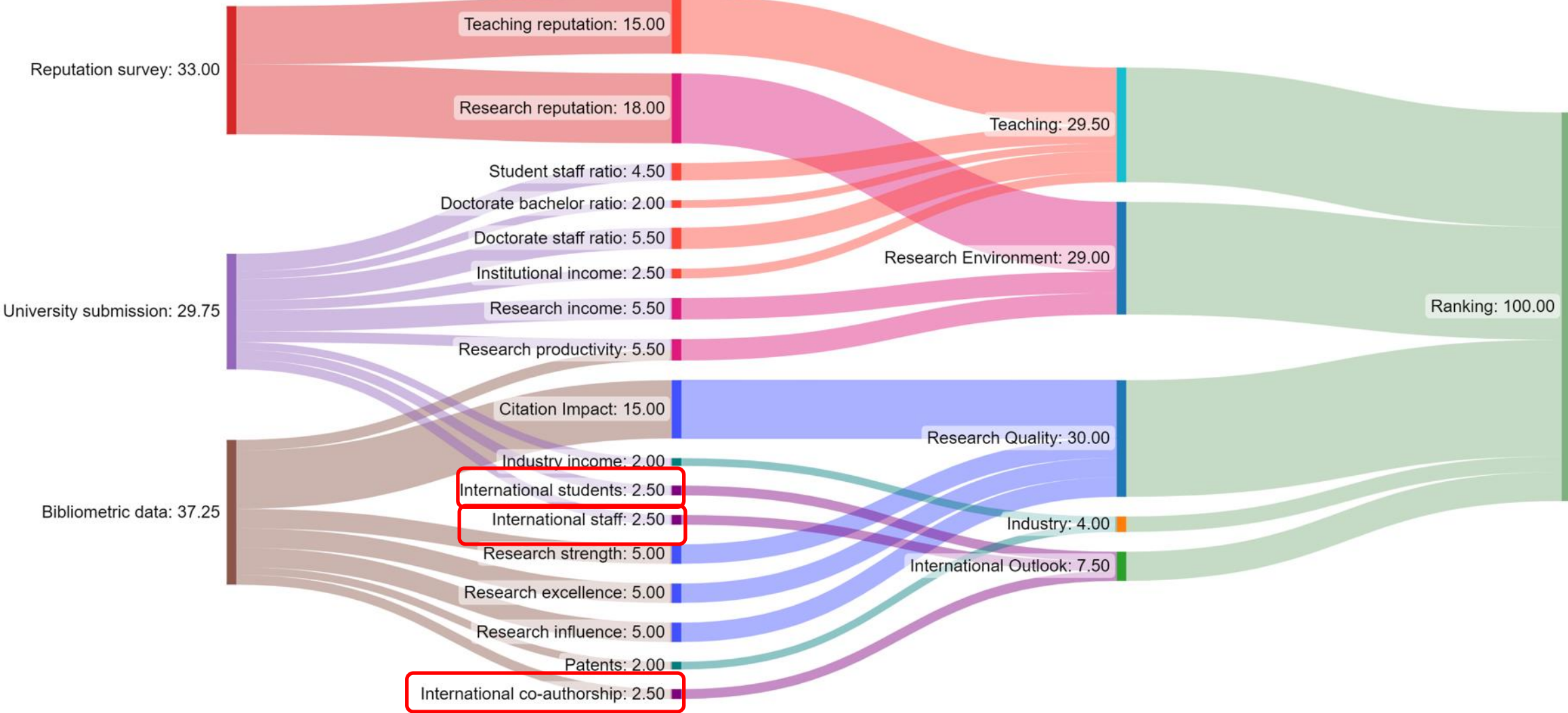


International Outlook: country size

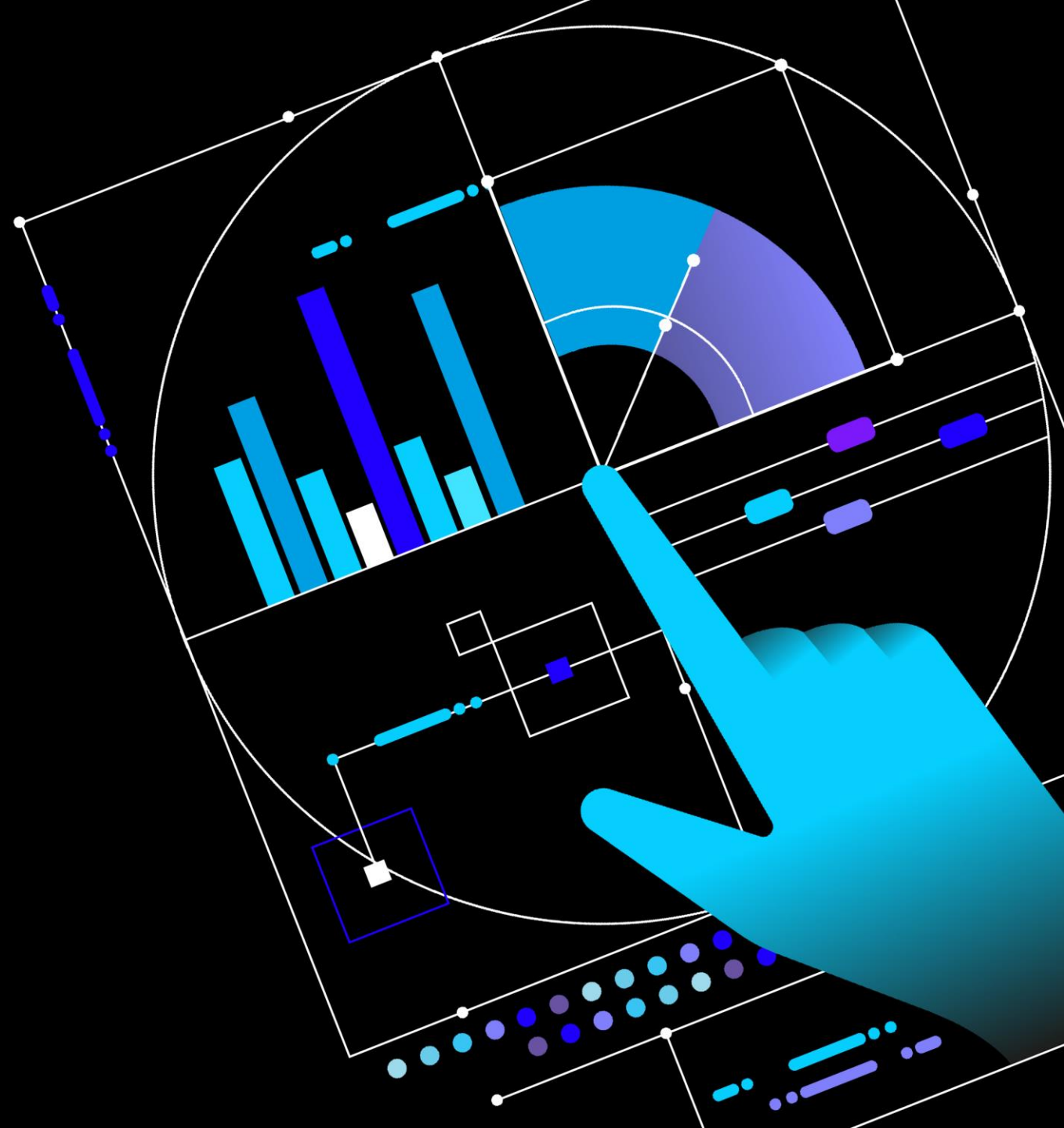
- Large countries have been disadvantaged compared to small countries in our international metrics, in that it is more likely for staff and students at universities in small countries to have come to work/study from abroad.
- The international metrics are normalised to account for the populations size:
 - Proportion of international students
 - Proportion of international staff
 - Proportion of publications with at least one co-author from an international institution



Fairness across countries



Insights



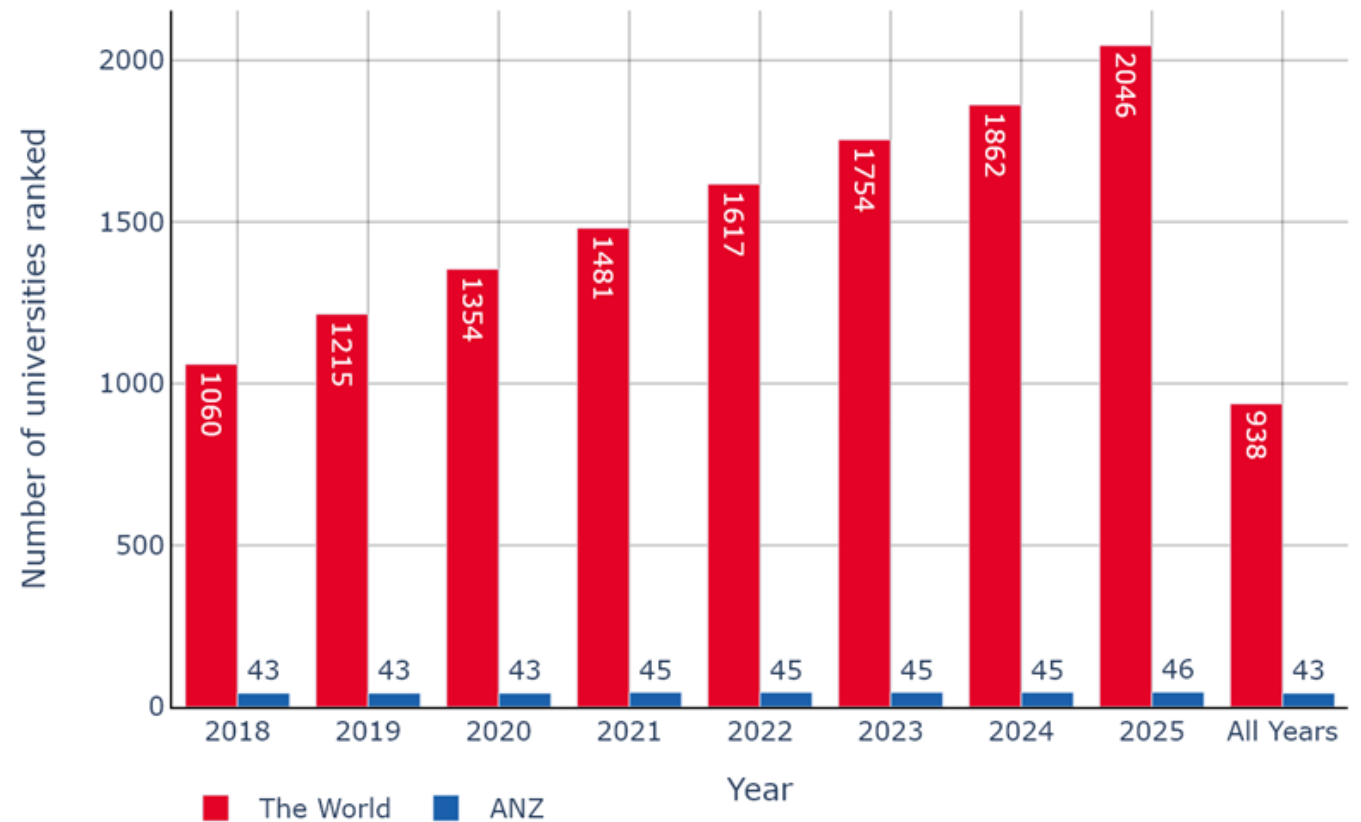
Ranking numbers

In 2018, ANZ represented **3.9%** of the 1103 universities ranked across The World.

In 2025, ANZ represented **2.2%** of the 2092 universities ranked across The World.

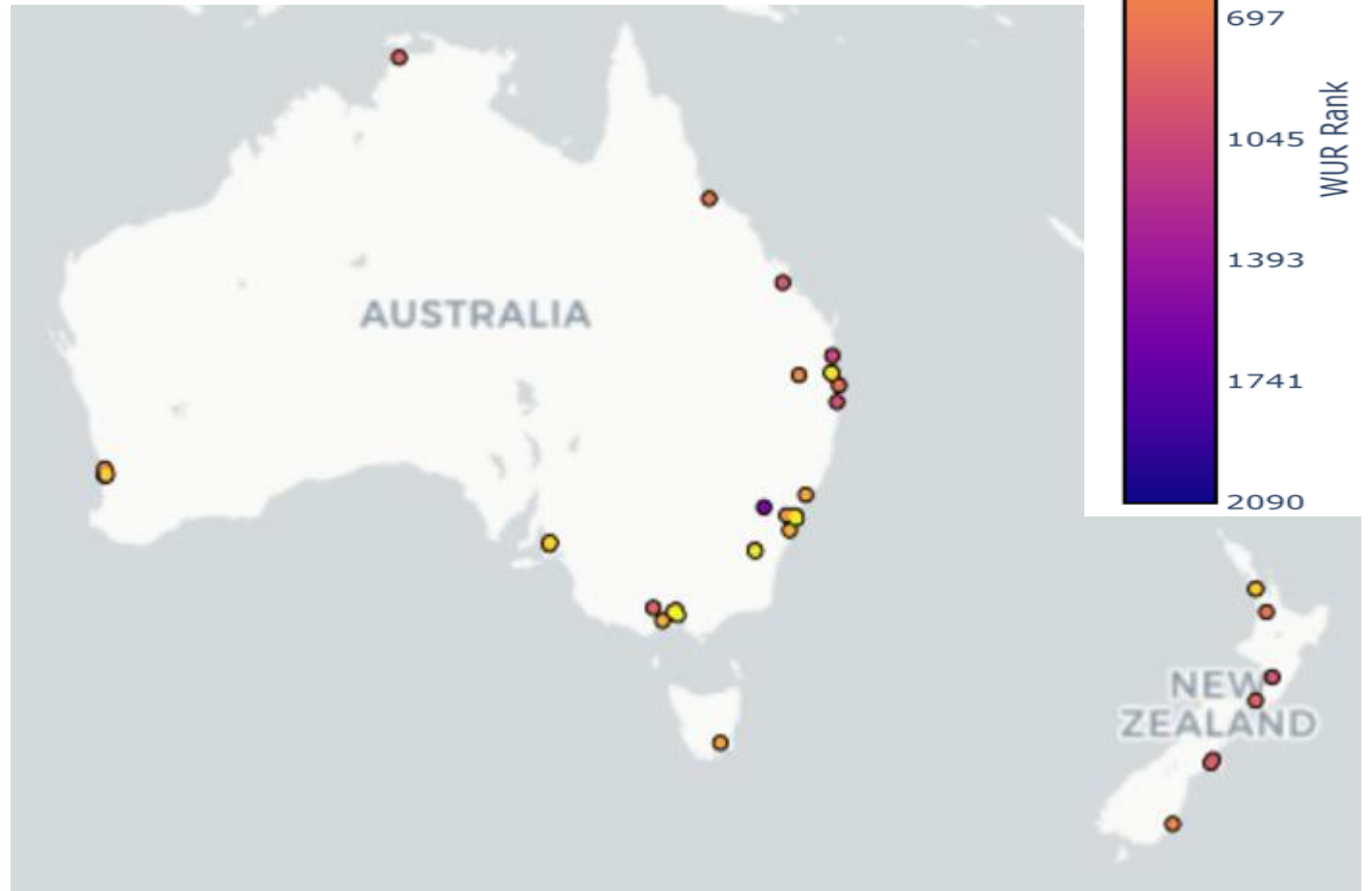
981 universities have appeared in all 8 World University Rankings from 2018 to 2025, 43 have come from ANZ.

ANZ vs The World WUR Ranked per year



Top Universities

Name	Rank
University of Melbourne	39
Monash University	=58
The University of Sydney	61
Australian National University	=73
The University of Queensland	77
UNSW Sydney	83
University of Adelaide	=128
The University of Western Australia	=149
University of Auckland	=152
University of Technology Sydney	=154

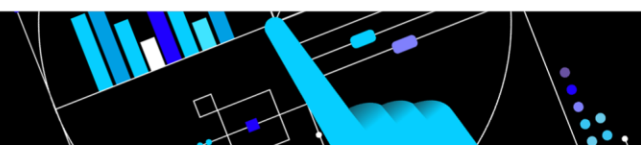
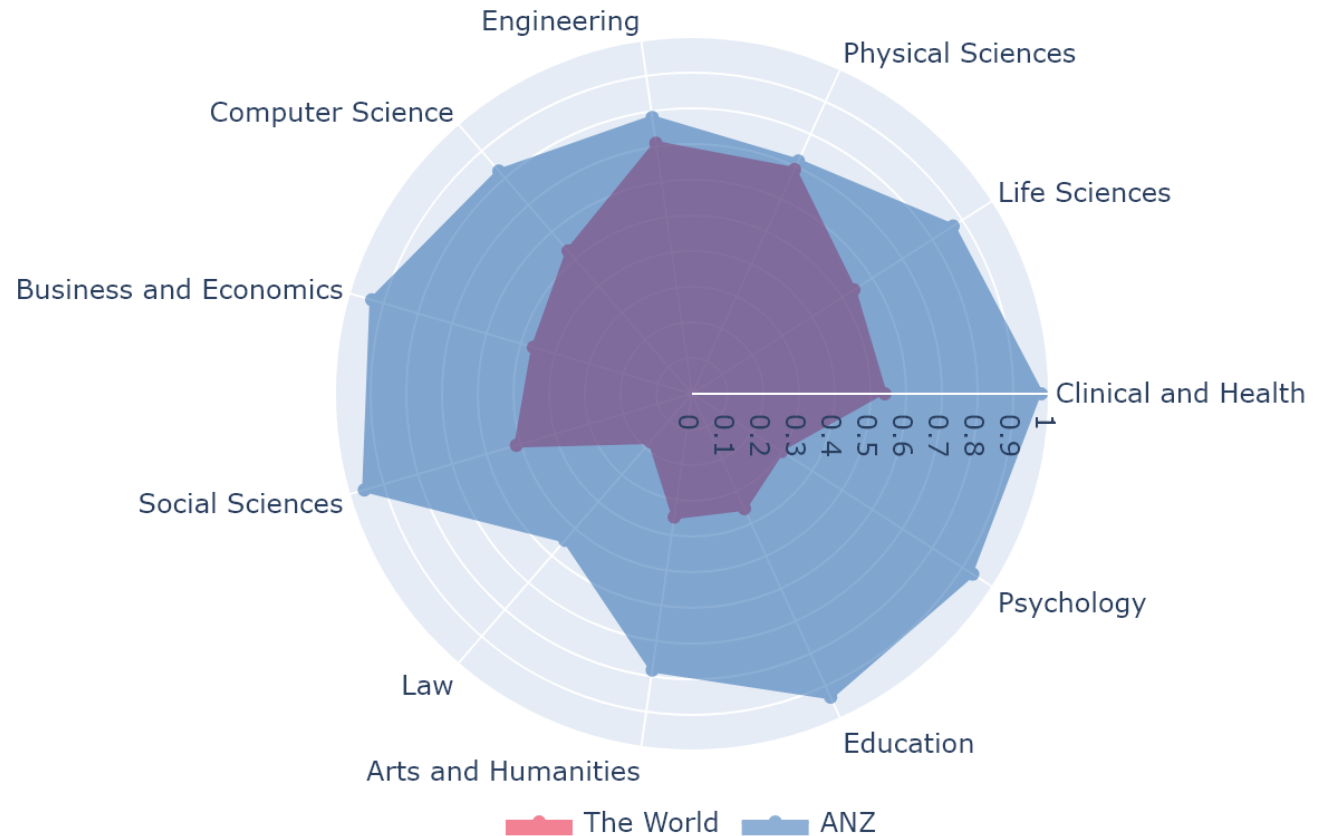


Subjects

Across ANZ, Clinical and Health was the most frequently ranked subject in 2025 where it was ranked for 45 universities.

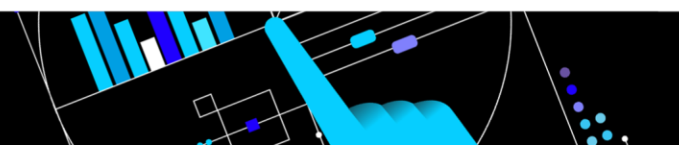
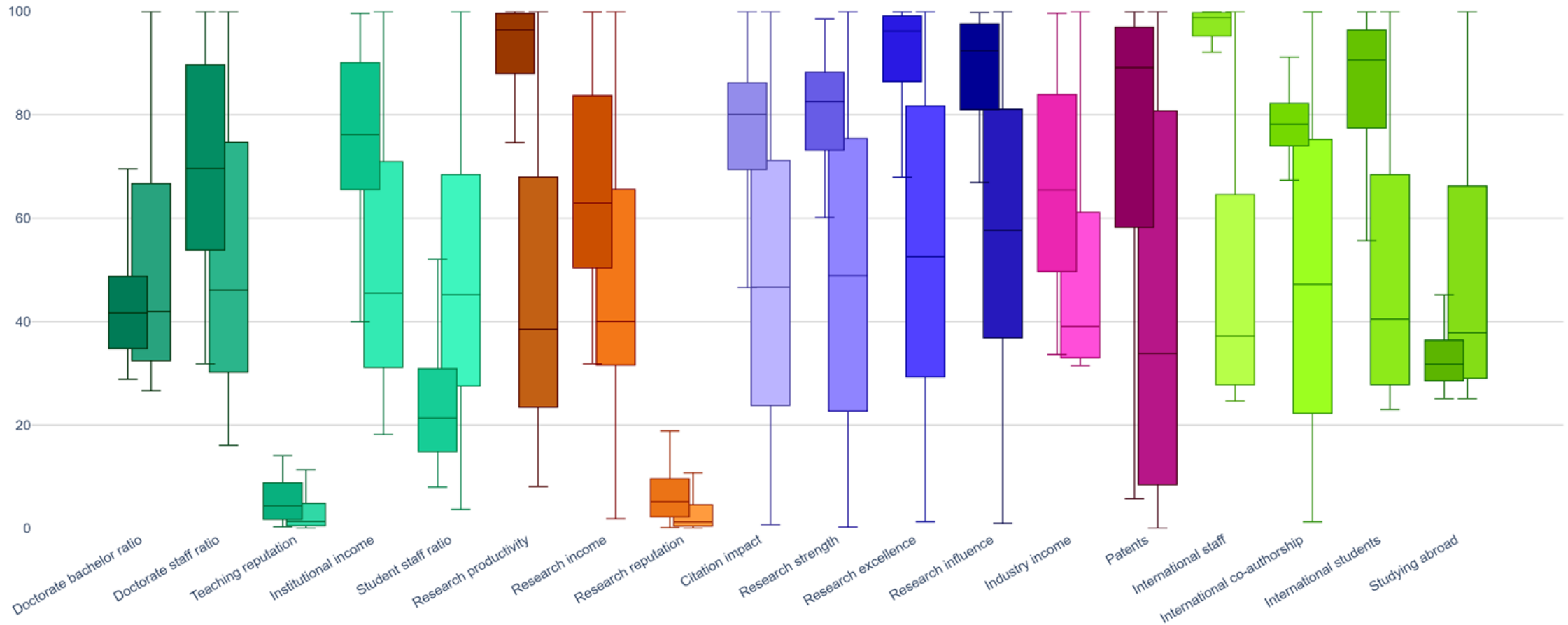
Law was the least frequently ranked subject in 2025 with just 25 universities ranked.

Percentage of universities with subjects ranked in WUR 2025



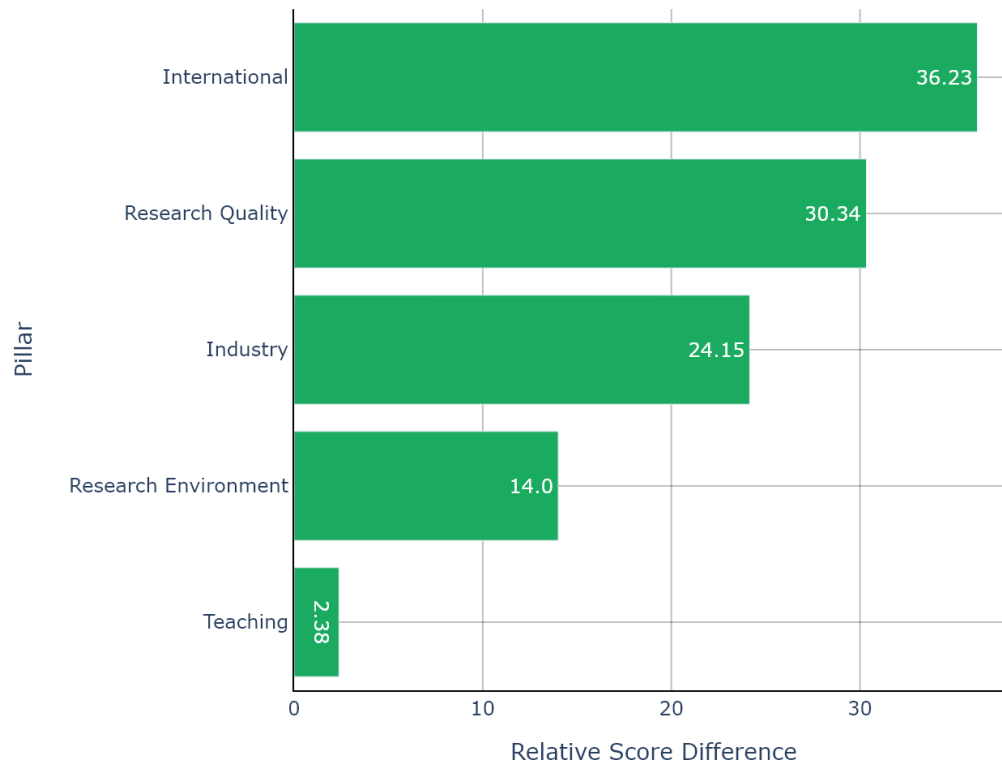
ANZ vs The World WUR 2025 metrics comparison

ANZ vs The World World University Rankings 2025 metrics boxplot

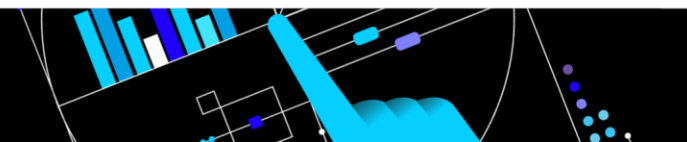
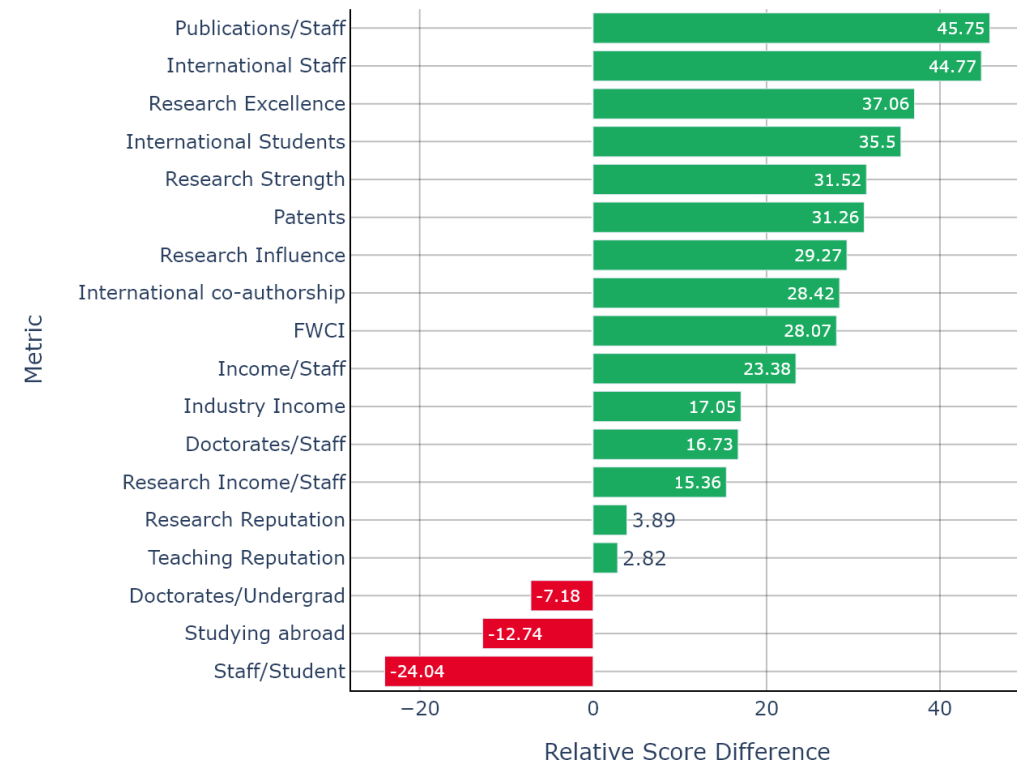


ANZ vs Rest of World Pillars and Metrics

ANZ vs The World Pillar Relative Score Difference 2025



ANZ vs The World Metric Relative Score Difference 2025

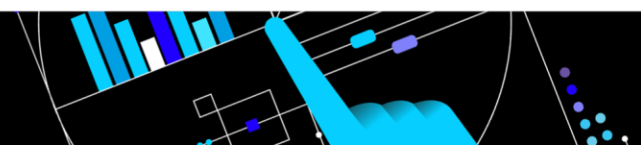
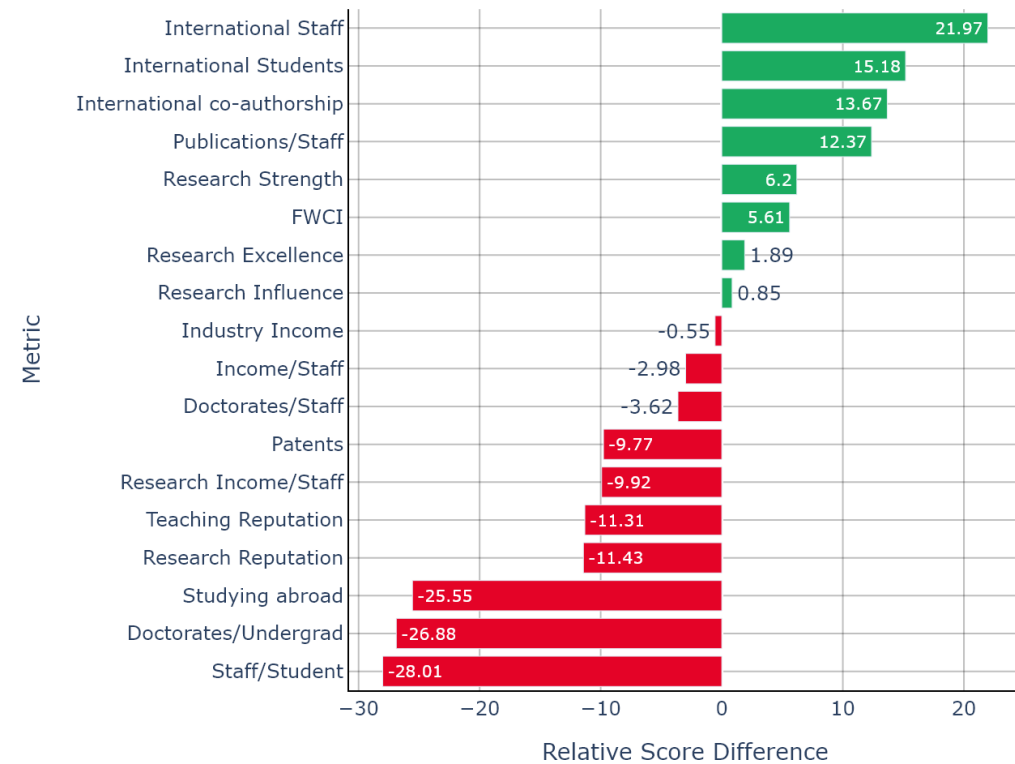


ANZ vs Rest of World Pillars and Metrics – Top 500

ANZ vs The World Top 500 Pillar Relative Score Difference 2025



ANZ vs The World Top 500 Metric Relative Score Difference 2025

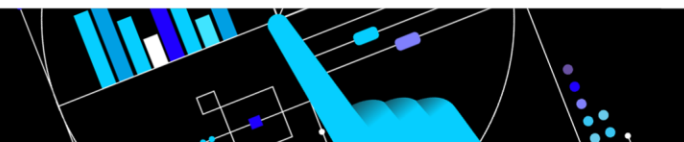
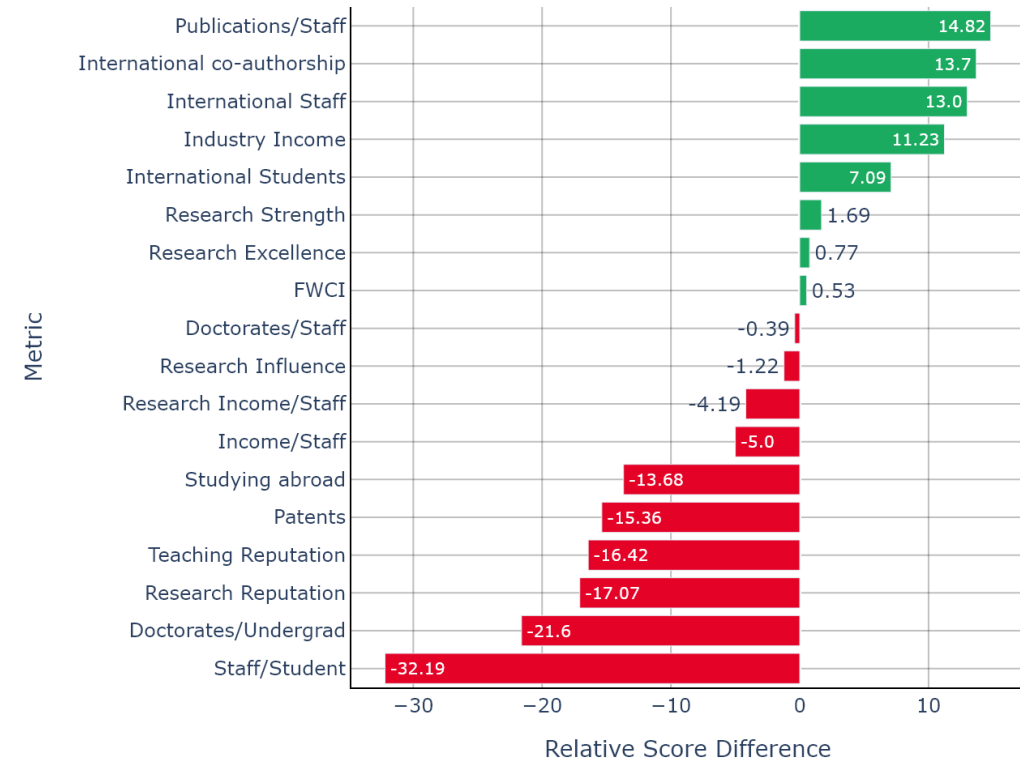


ANZ vs Anglo Destinations Top 500 2025 Metric Differences

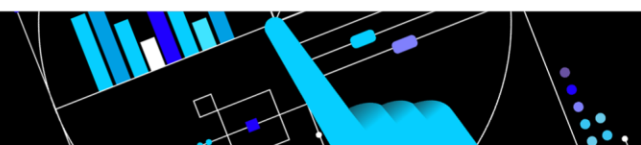
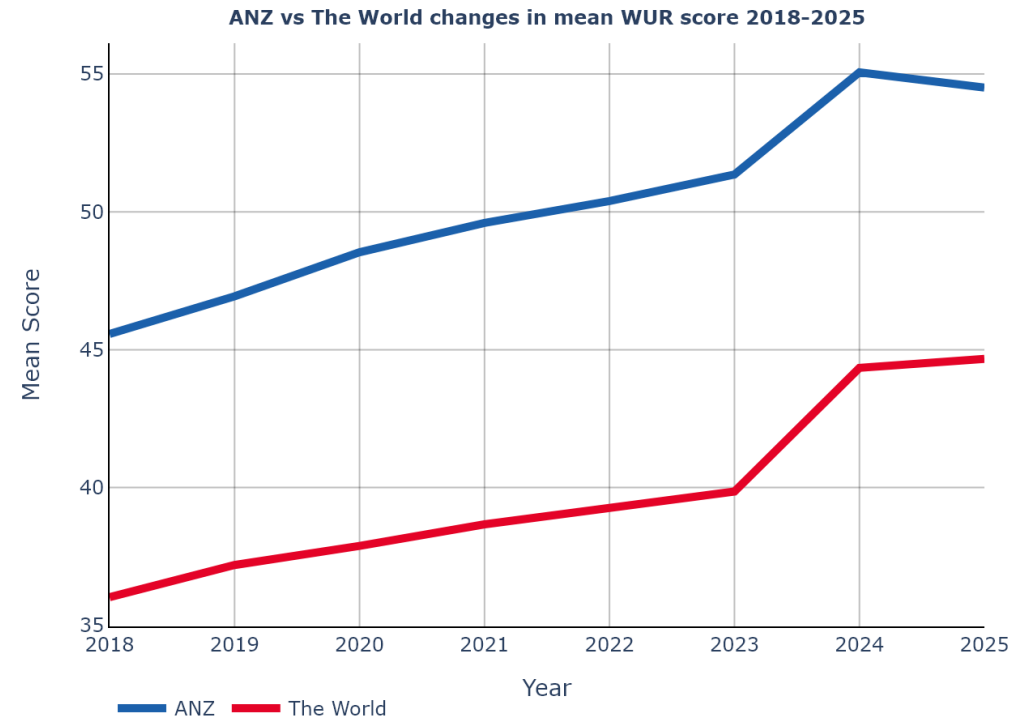
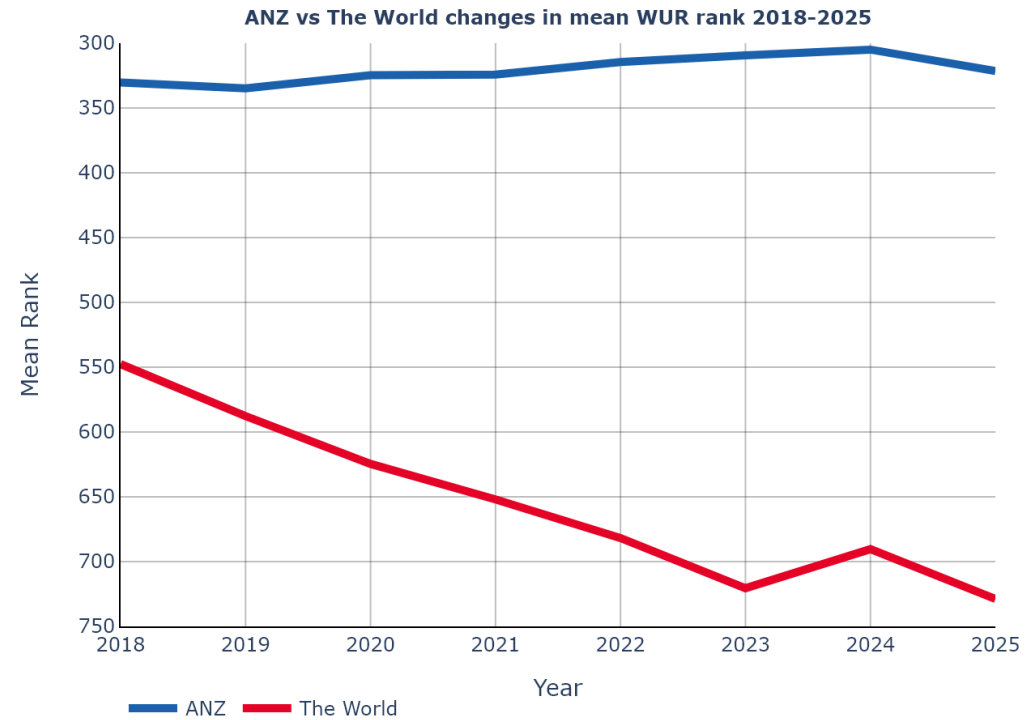
ANZ vs Anglo Destinations Top 500 Metric Score Difference 2025



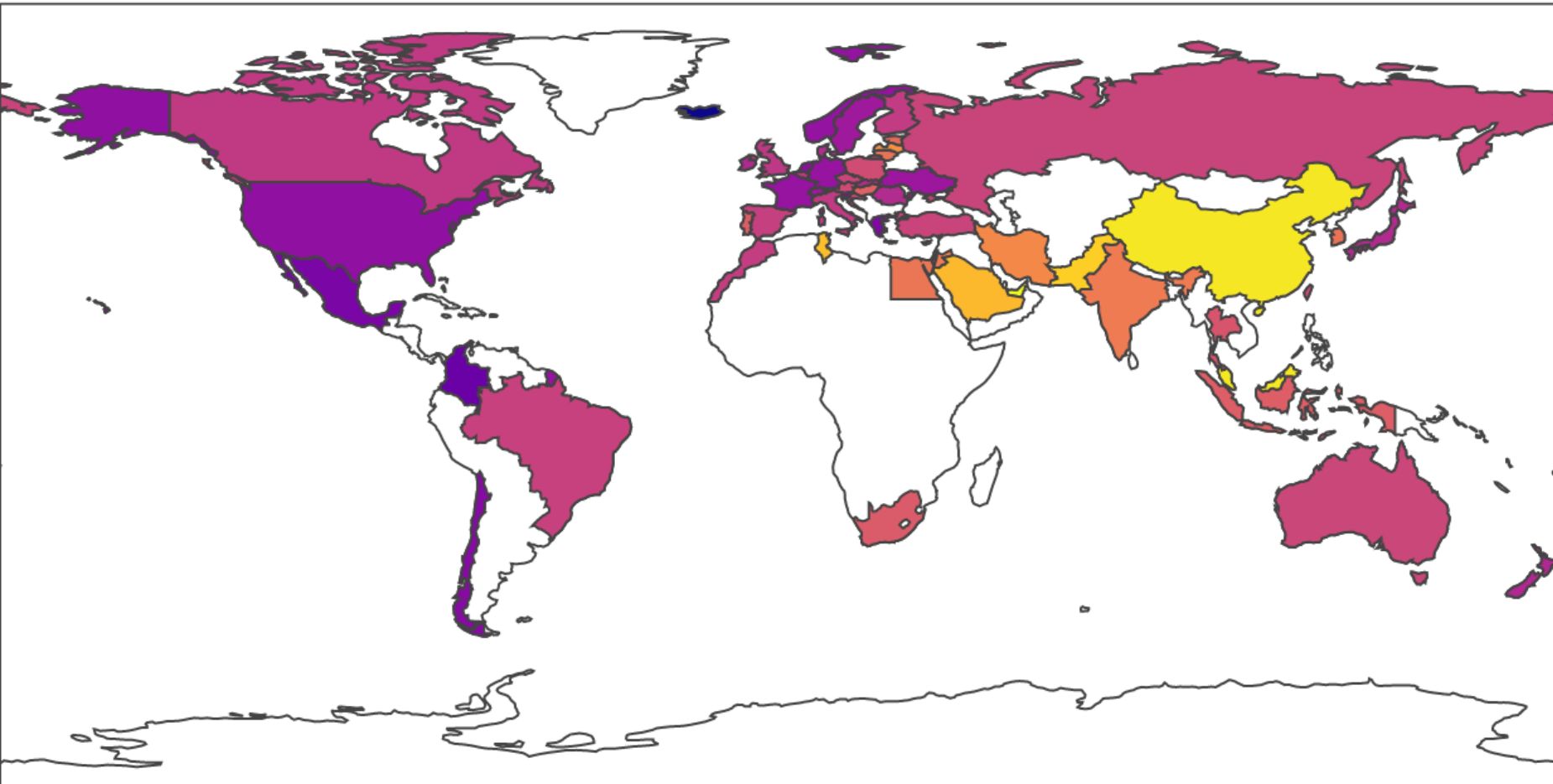
ANZ vs Anglo Destinations Top 500 Metric Relative Score Difference 2025



ANZ 2018-2025

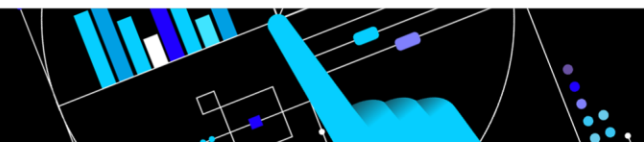


Countries average WUR score changes 2018-2025



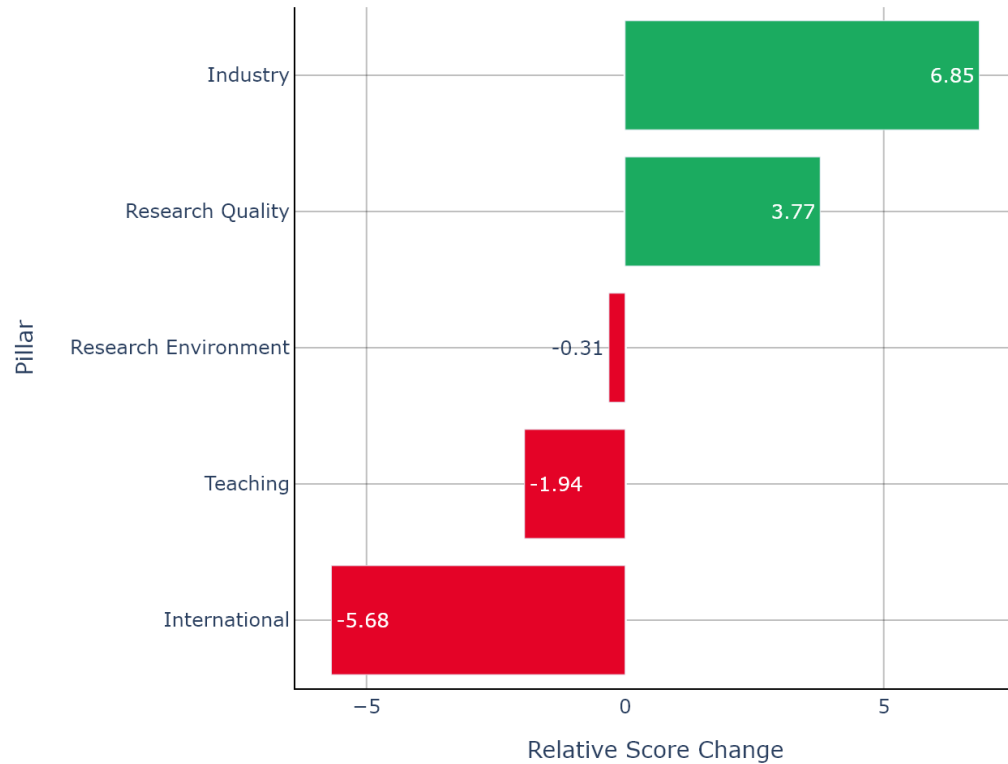
20 The WUR Score for ANZ has increased by an average of 8.9 between 2018 and 2025

10 The World has increased by an average of 8.6 during the same period.

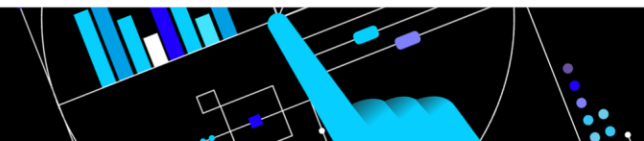
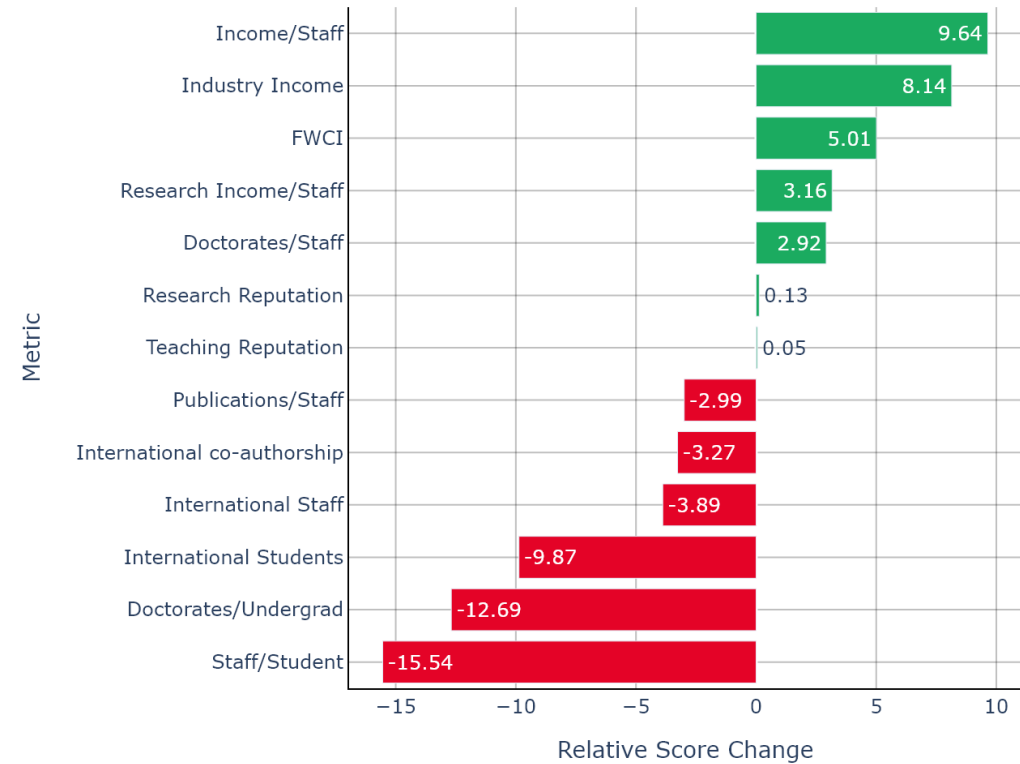


ANZ vs The World 2018-2025 Pillars and Metrics

ANZ vs The World Pillar Relative Score Change 2018-2025

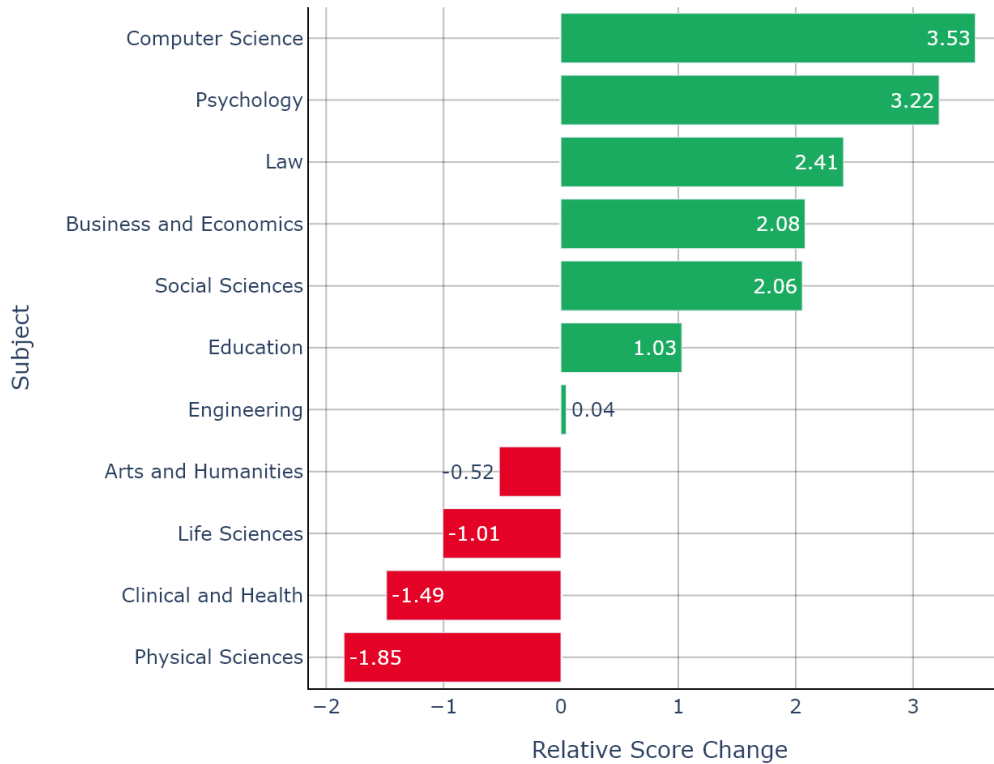


ANZ vs The World Metric Relative Score Change 2018-2025

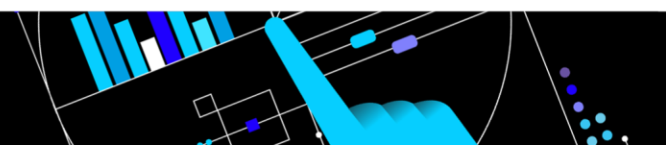
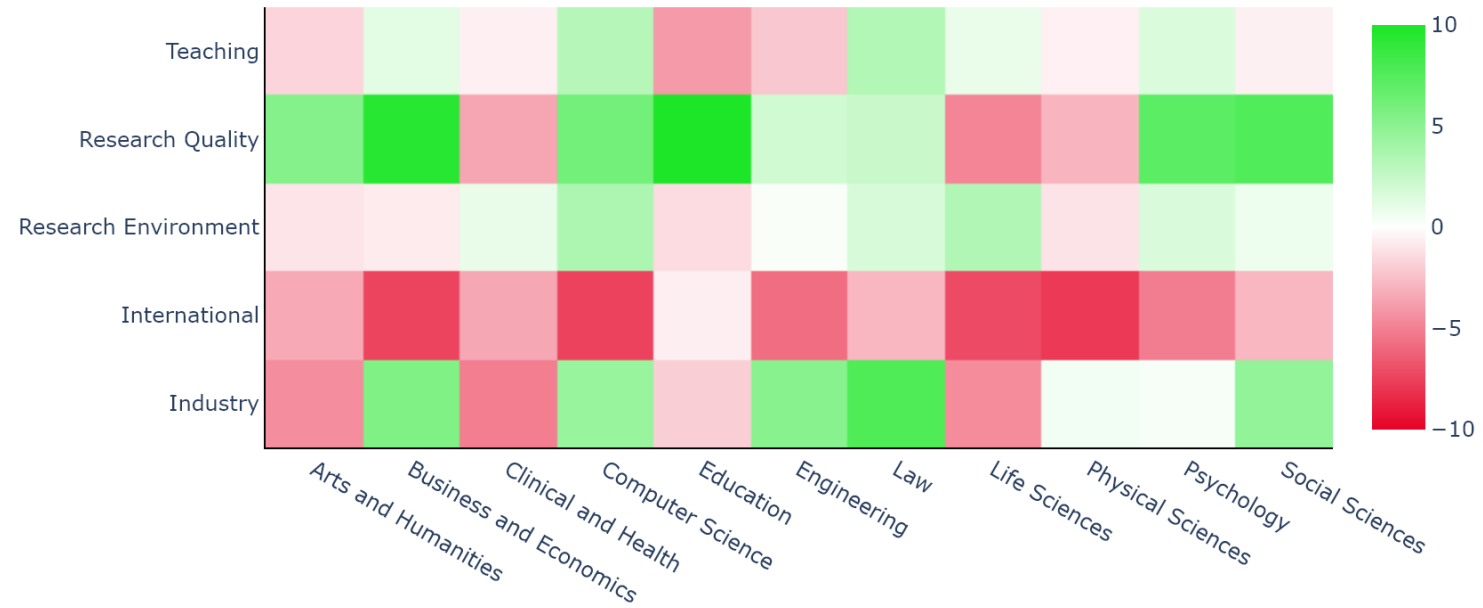


Subjects

ANZ vs The World Subject Relative Score Change 2018-2025



ANZ vs The World pillar comparison 2018-2025

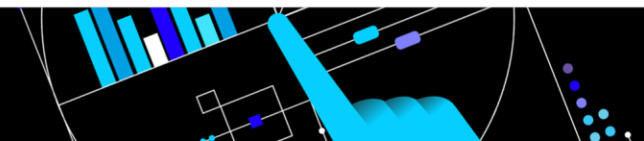
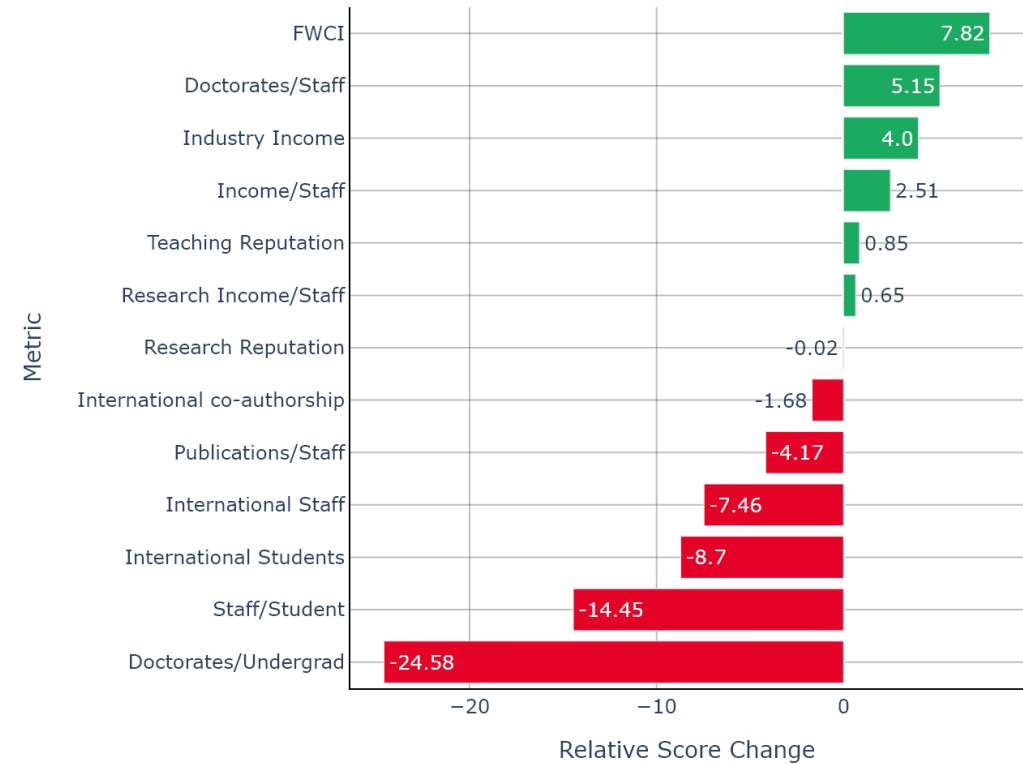


ANZ vs RoW Pillars and Metrics – Top 500 2018 - 2025

ANZ vs The World Top 500 Pillar Relative Score Change 2018-2025



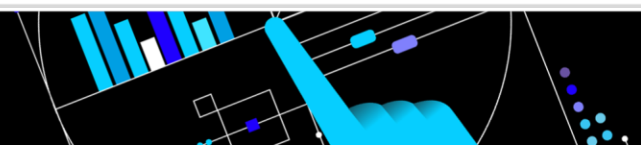
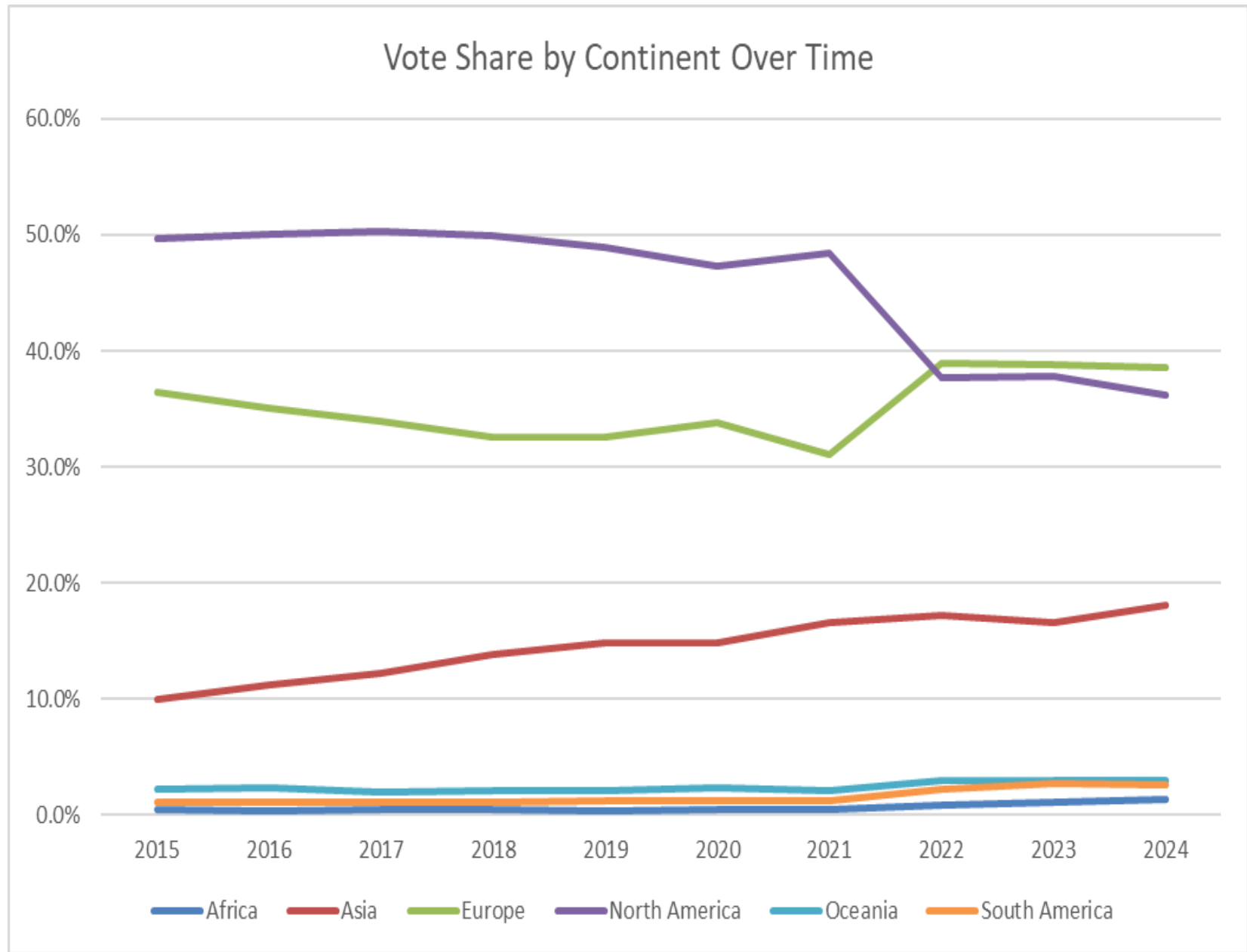
ANZ vs The World Top 500 Metric Relative Score Change 2018-2025



Reputation Votes

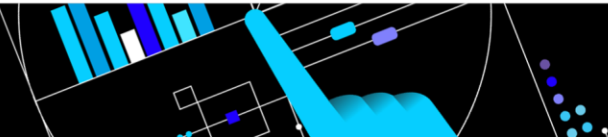
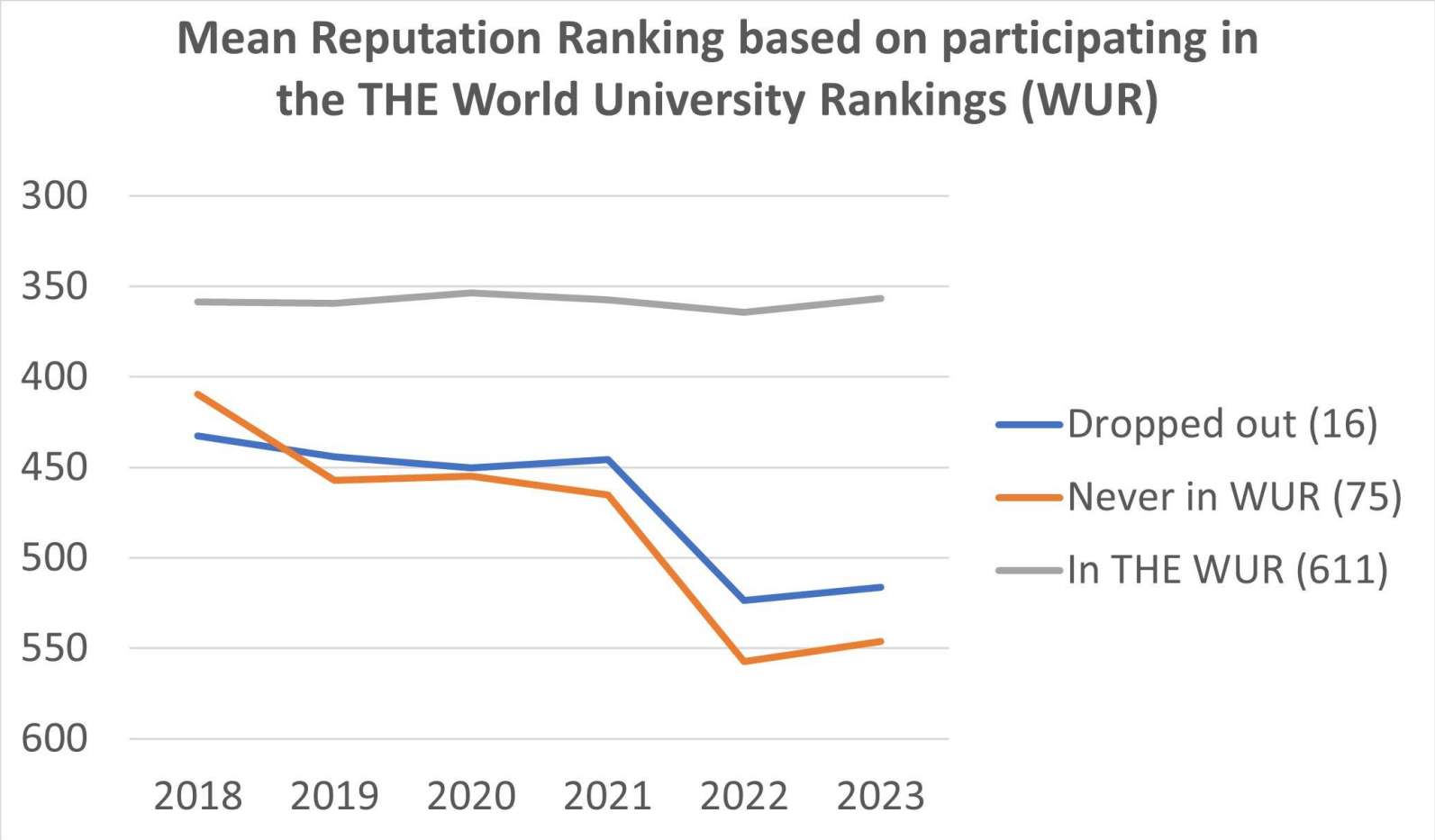
Oceania's share of the reputation vote has increased slightly over the last 3 years.

The US has declined slightly (this drives an increase in Europe reputation scores)



Ranking and Reputation

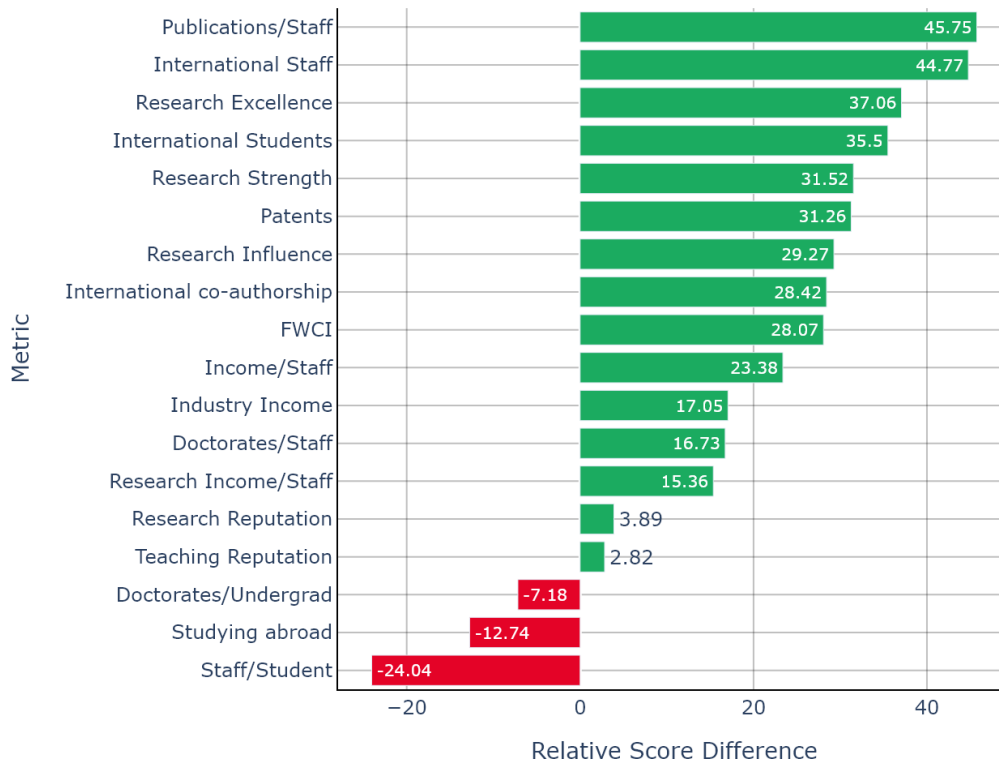
Universities ranked in WUR maintain a healthy level of reputation.



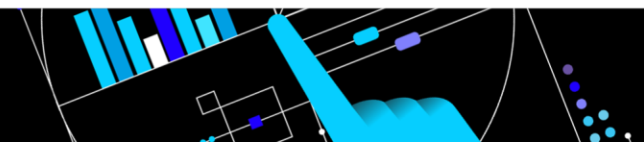
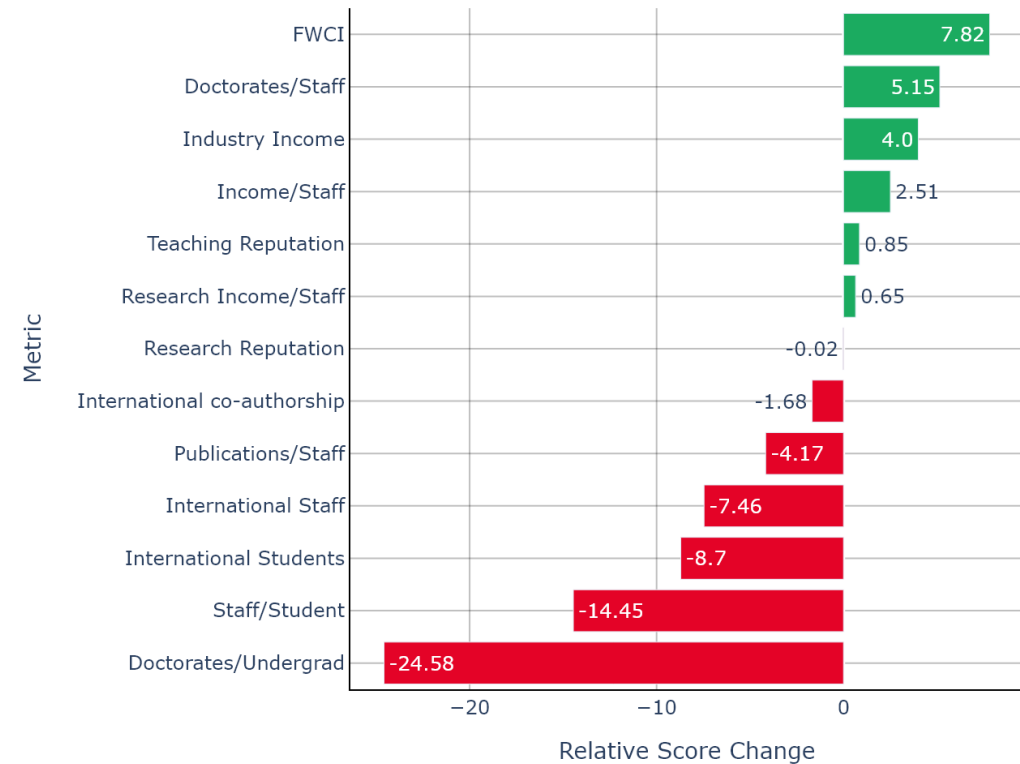
ANZ: Summary

ANZ is strong compared to the Rest of the World, but is losing its advantage

ANZ vs The World Metric Relative Score Difference 2025



ANZ vs The World Top 500 Metric Relative Score Change 2018-2025



Participate this year

RESEARCH



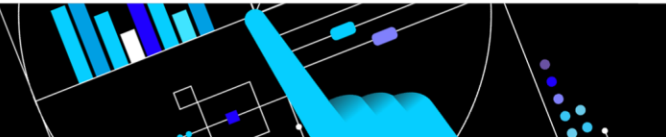
Data collection opens January 2025



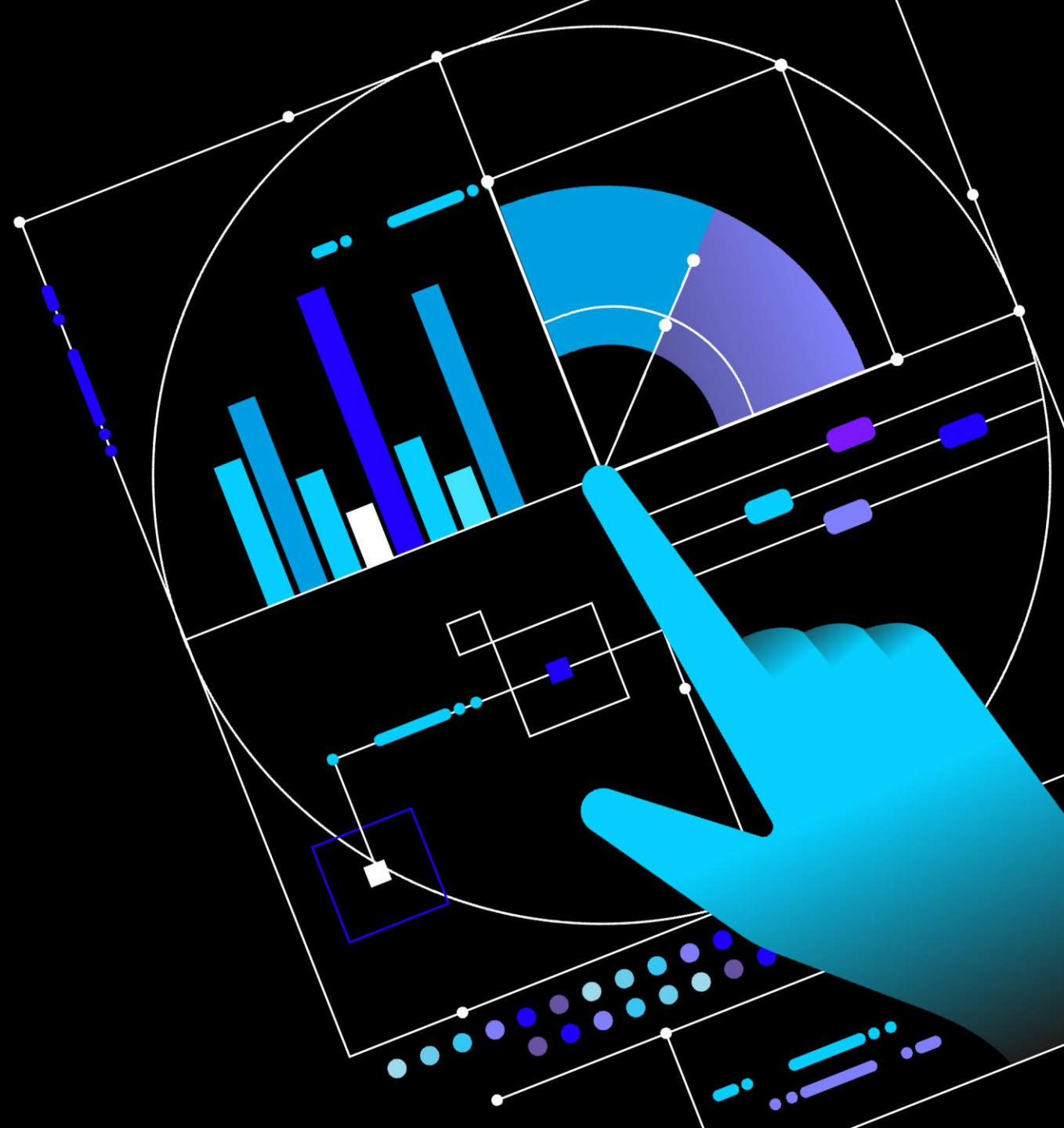
IMPACT & SUSTAINABILITY



Data collection open now, until November 11th



Thank you



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Research Strategy

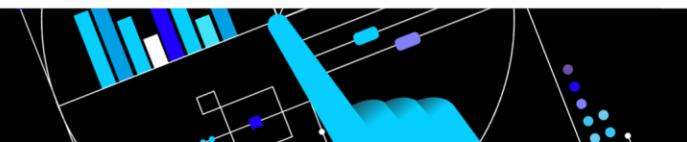
THE Consultancy can support universities and ministries of education enhance their academic research strategies, using THE's bibliometric data and unique artificial intelligence tools

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Industry Insights

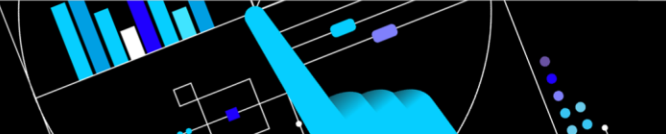
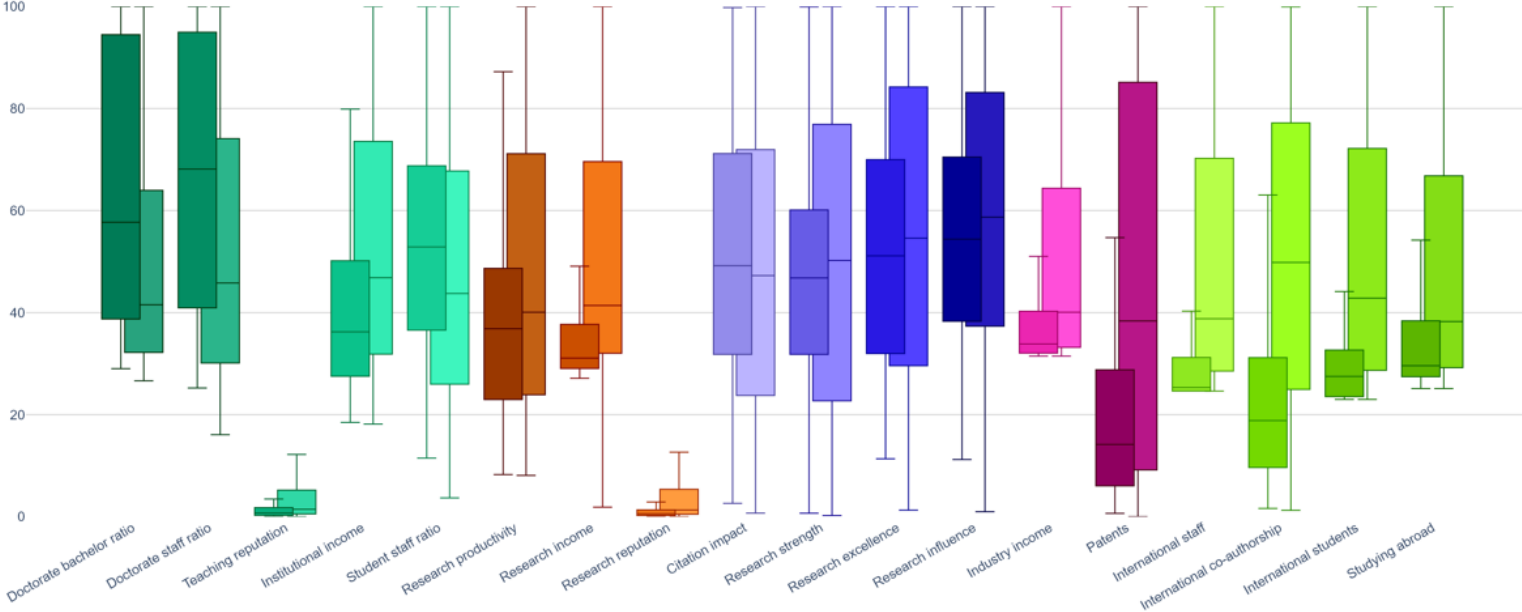
Our team work closely with industry and commercial organisations to provide insights and tailored thought leadership on a topical basis to support with market awareness, sector engagement, reputation and to help in forging strategic...

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WUR Performance Analysis and Simulation

Understand your institution's performance across all metrics, benchmarked against competitors



WUR Performance Analysis and Simulation

1

Metric-by-metric analysis

- Analysis of each of the metric scores benchmarked against competitors
- Analysis of temporal change
- Broken down by 11 subject areas
- Evaluation of performance across each of the metric pillar categories

2

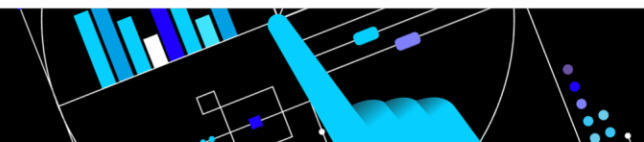
Reputation vote analysis

- Detailed breakdown of institutional votes from the THE academic survey
- Analysis of sources of voting, benchmarked against peers
- Broken down by 11 subject areas
- Provides insight into difference between teaching and research reputation

3

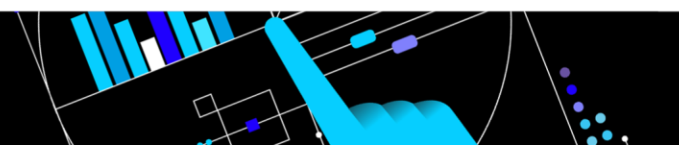
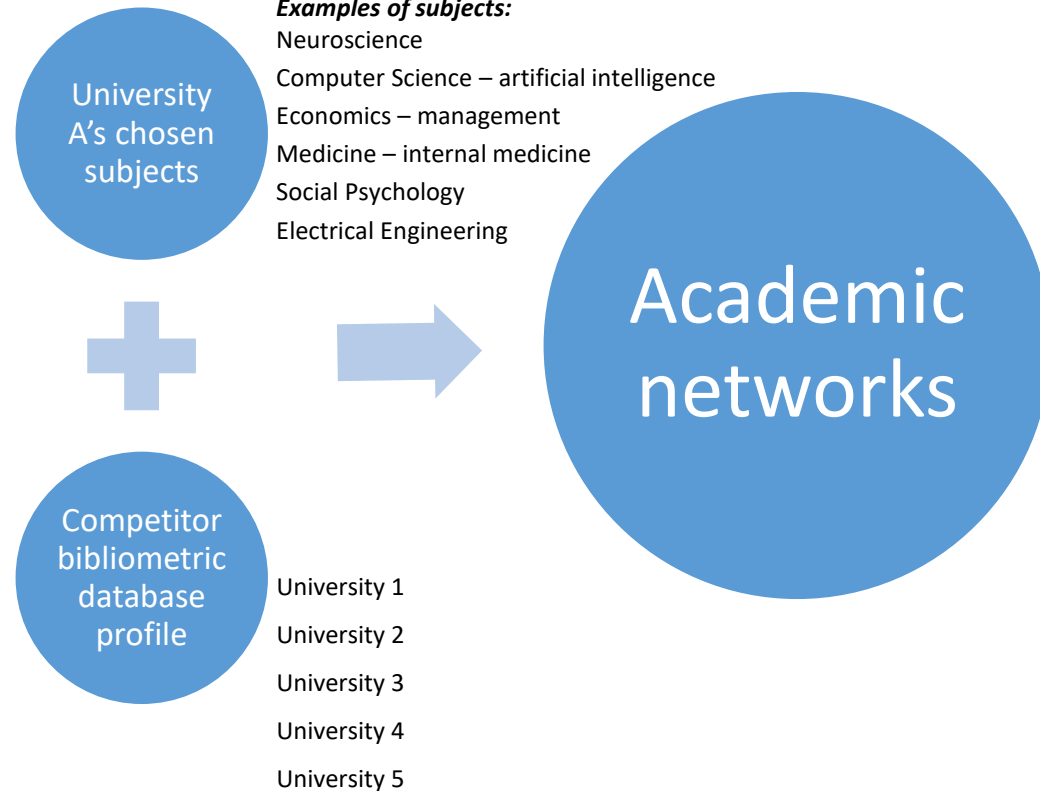
Strategic recommendations

- Creation of KPIs for each of the metrics to support institutional strategy
- Broader institutional change management strategies, linked to research partnerships and academic networks, reputation and international profile

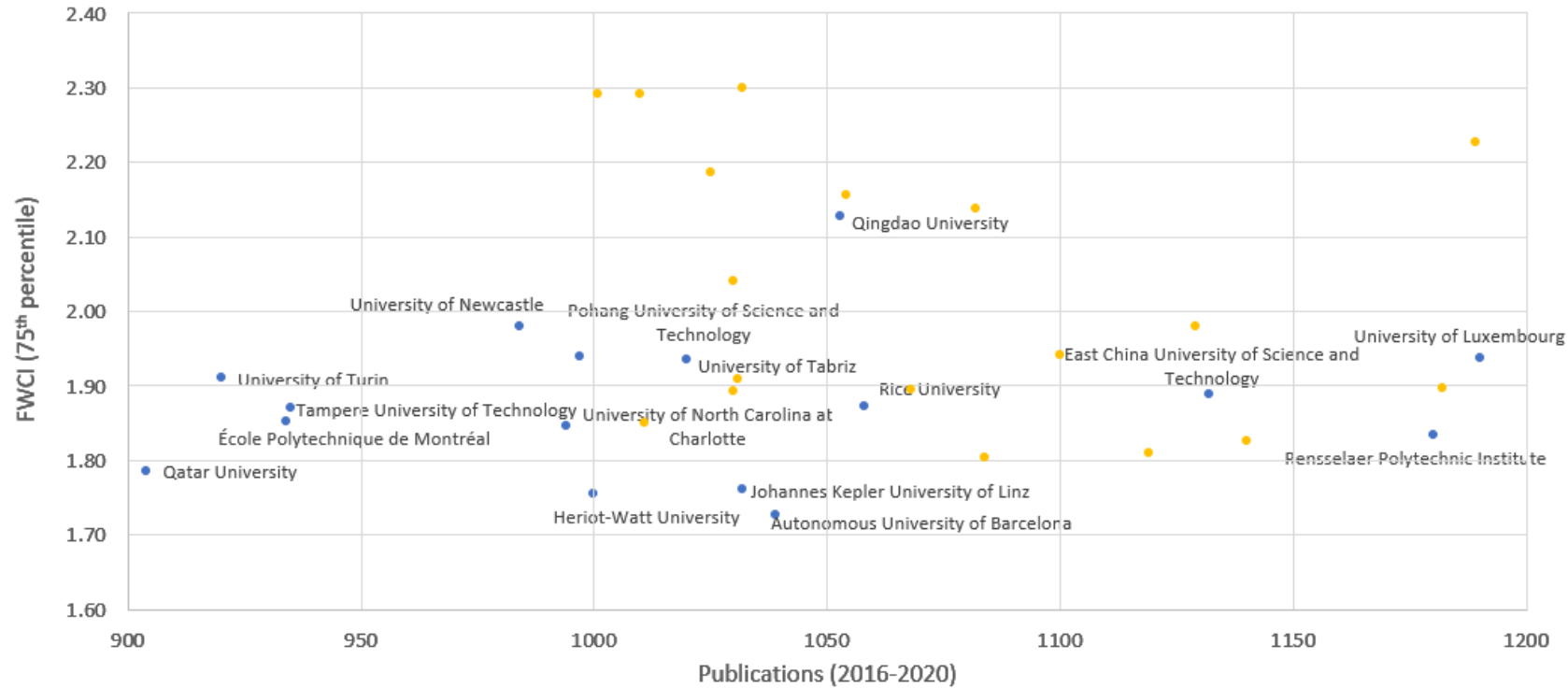


Academic Network Analysis

Develop high quality research collaborations using our tool to find academic partners outside your current network



Academic Network Analysis



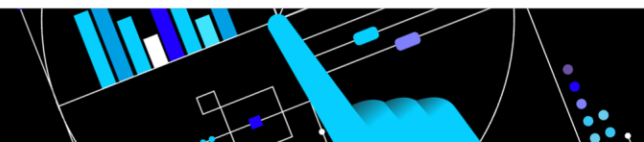
- University A's collaborators in common with its chosen peers
- Collaborators of University A's chosen peers that are outside University A's current network
- Possible for future collaborations as they work with Universities who specialise in similar subjects as you

Publication range 900-1200
FWCI range 1.6-2.4

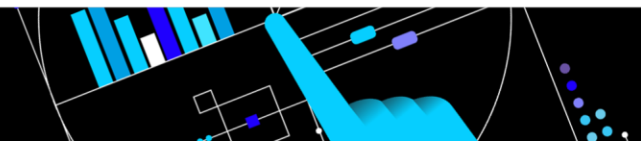
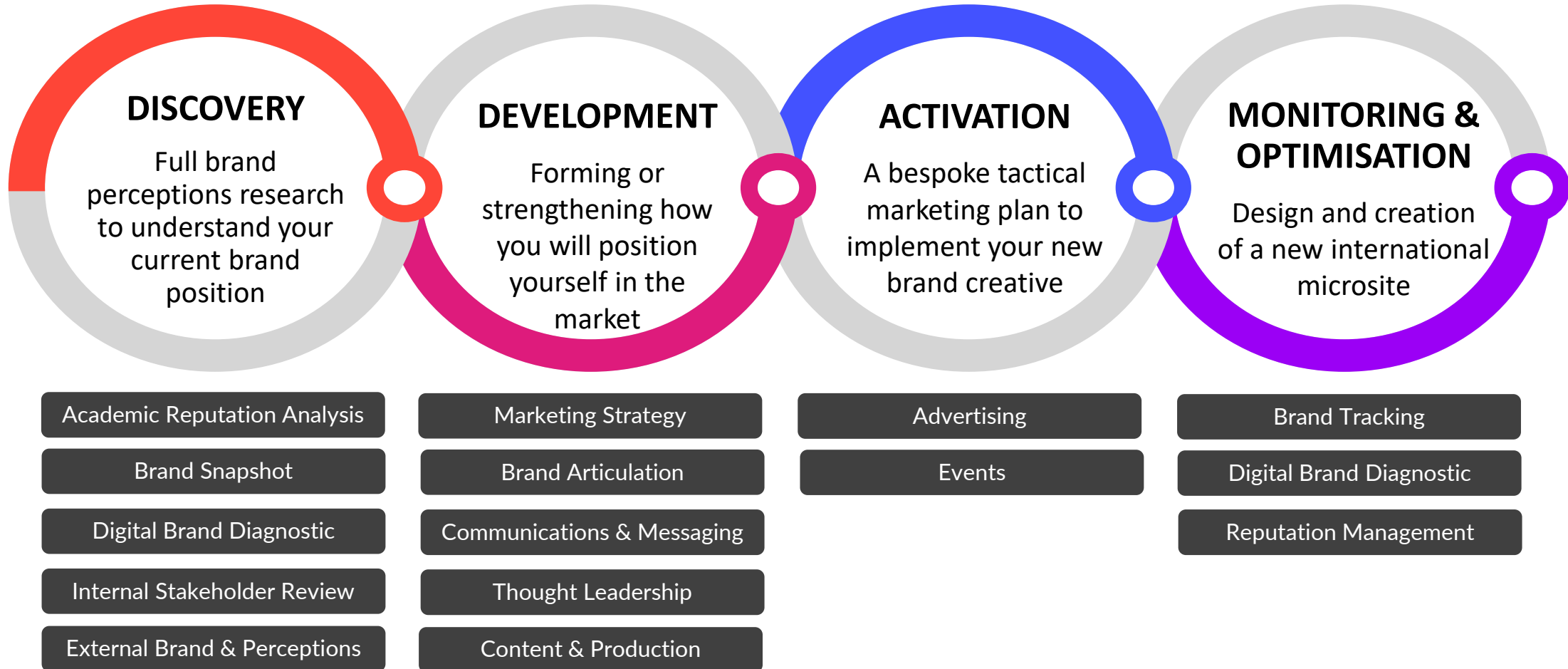
This tool provides insight into the quality and quantity of research partnerships

In yellow are University A's current collaborators

In blue are the collaborators of your chosen peers in the same subject area



Brand and Reputation Transformation Framework



Internationalisation and TNE Framework

Discover, develop and deliver unparalleled educational collaborations with leading global universities, tailored to meet national development goals and enhance global educational standards

Discover



Market Intelligence

Competitor Environment

Key Recruitment Pools

Programme Portfolio

- Policy research
- Desk research
- Internal and external dataset analysis

Develop



Global Academic Partnerships

Reputation and Brand

Marketing Campaigns

- Network analysis and partnership building
- Surveys and focus groups
- Marketing tools and creative service

Deliver



TNE Growth

KPI Toolkits

Global Benchmarking

- Agile project management
- Monitoring and evaluation frameworks
- QA tools

