

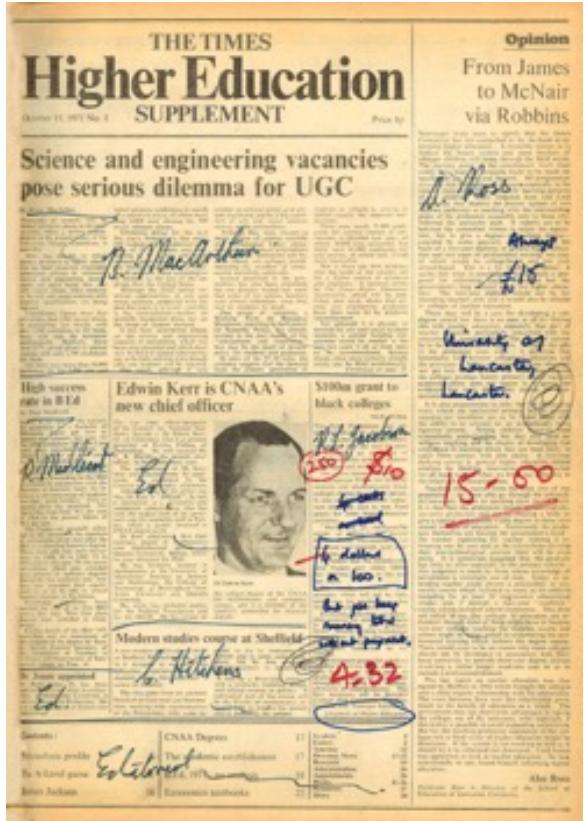


A closer look at the 2018 *Times Higher Education* World University Rankings: Catalonia

ACUP

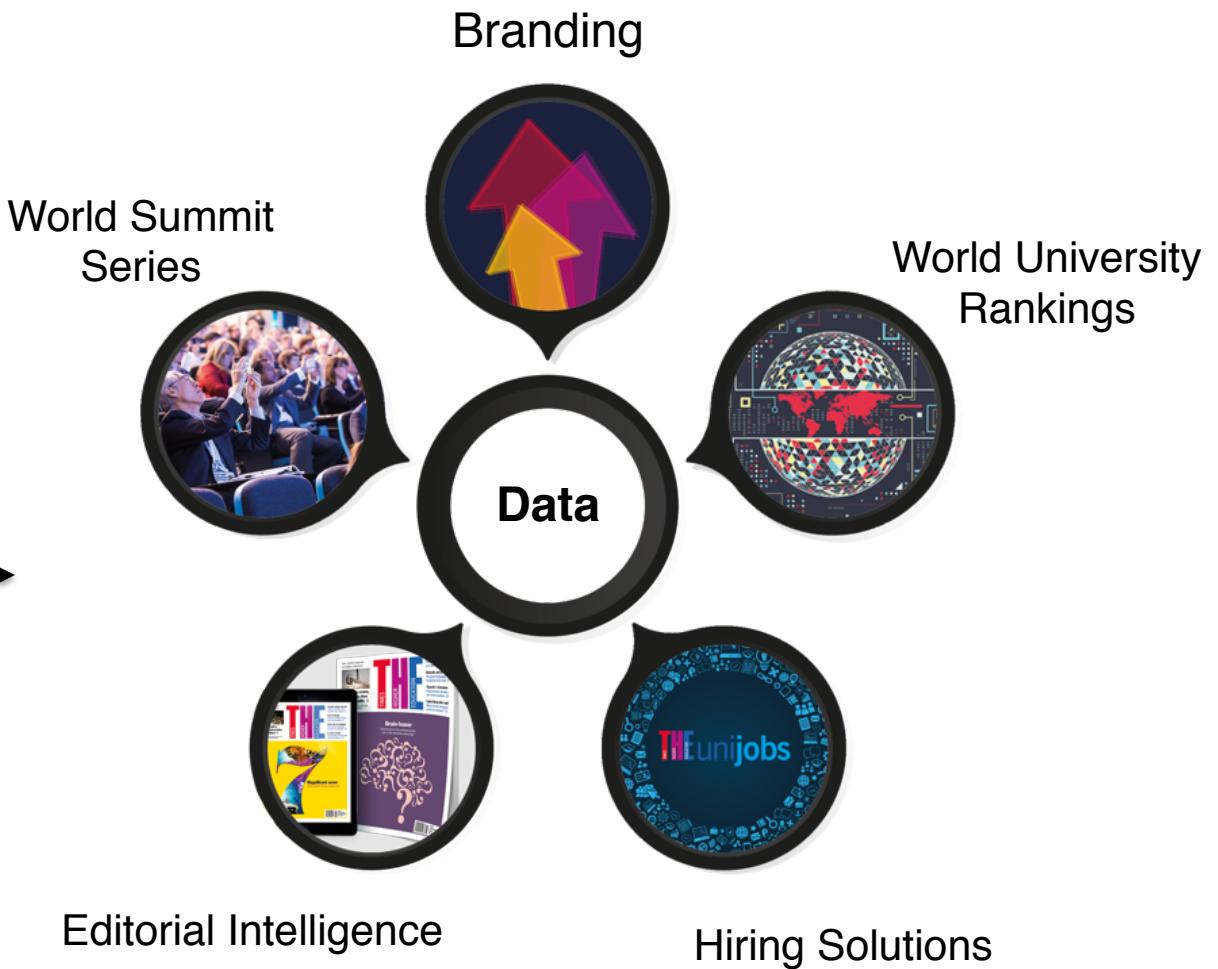
Phil Baty,
Editorial Director, Global Rankings,
Times Higher Education

THE's history



1971

2017



Our mission

Times Higher Education's mission is to help create the conditions and culture that universities need to succeed, by providing data and insights from the world's top universities.



2018



in partnership with ELSEVIER

The 2018 THE World University Rankings

The data for the World University Ranking



Performance data
Universities (via THE)



Reputation data
Academics (via THE)



Bibliometric data
Academics (via Elsevier)

The data for the World University Ranking



1,457

Submitted data



3,513

Universities voted for



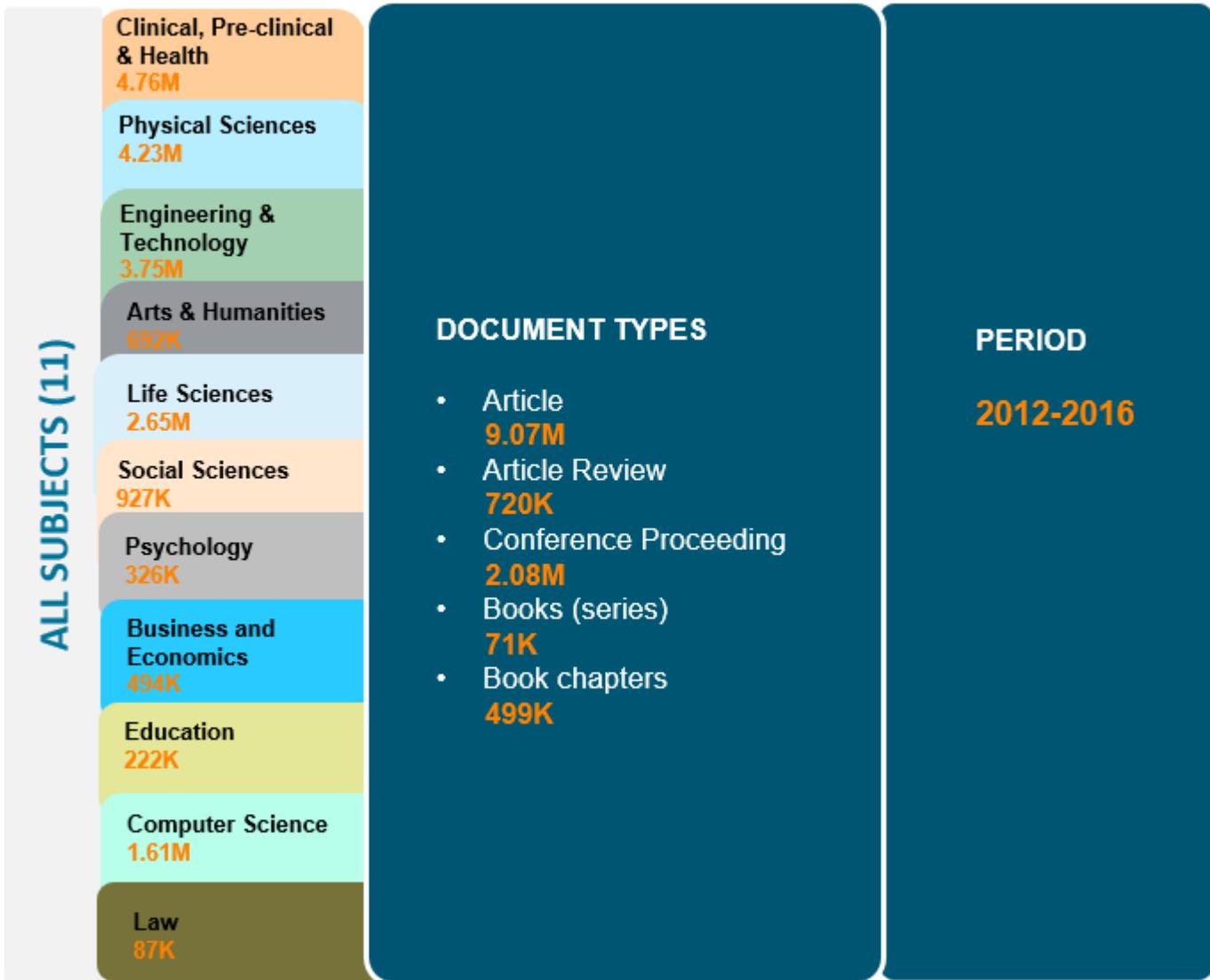
62 million citations...

Analysed

THE World University Rankings 2018 Scopus dataset

12,431,514 total publications

62 million citations



Carte Figurative des pertes successives en hommes de l'Armée Française dans la Campagne de Russie 1812-1813.

Dressée par M. Minard, Inspecteur Général des Ponts et Chaussées en retraite
Paris, le 20 Novembre 1869.

Les nombres d'hommes présents sont représentés par les largeurs des zones colorées à raison d'un millimètre pour dix mille hommes; ils sont de plus écrits en travers des zones. Le rouge désigne les hommes qui entrent en Russie; le noir ceux qui en sortent. Les renseignements qui ont servi à dresser la carte ont été puisés dans les ouvrages de M. M. Chiers, de Séjourné, de Fezensac, de Chambray et le journal médical de Jacob, pharmacien de l'Armée depuis le 28 Octobre.

Pour mieux faire juger à l'œil la diminution de l'armée, j'ai supposé que les corps du Prince Jérôme et du Maréchal Davout, qui avaient été détachés sur Minsk et Mohilow et qui rejoignirent vers Orscha et Witebsk, avaient toujours marché avec l'armée.

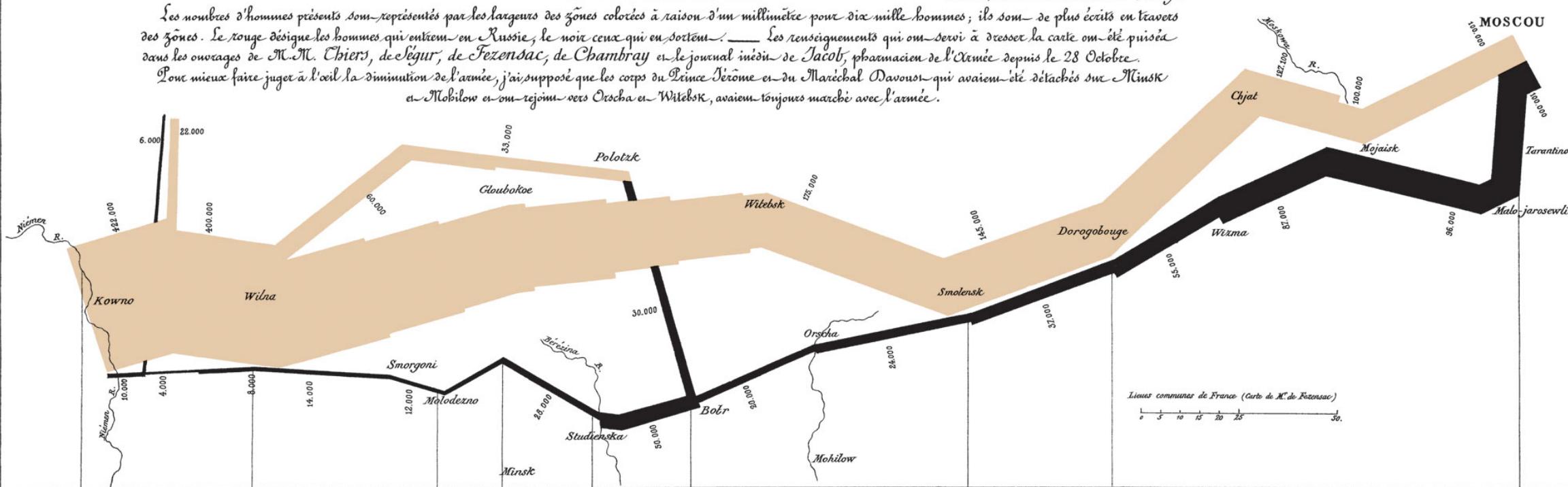
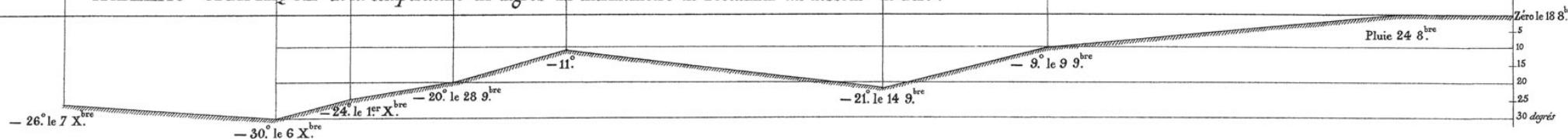


TABLEAU GRAPHIQUE de la température en degrés du thermomètre de Réaumur au dessous de zéro.

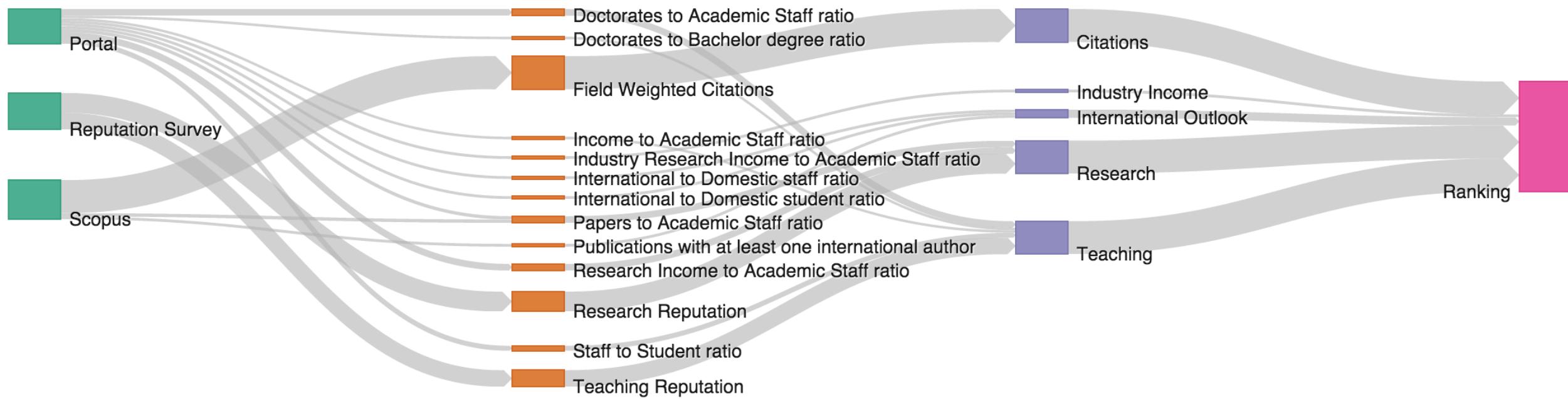
Les cosaques passent au galop
le Niemen gelé.



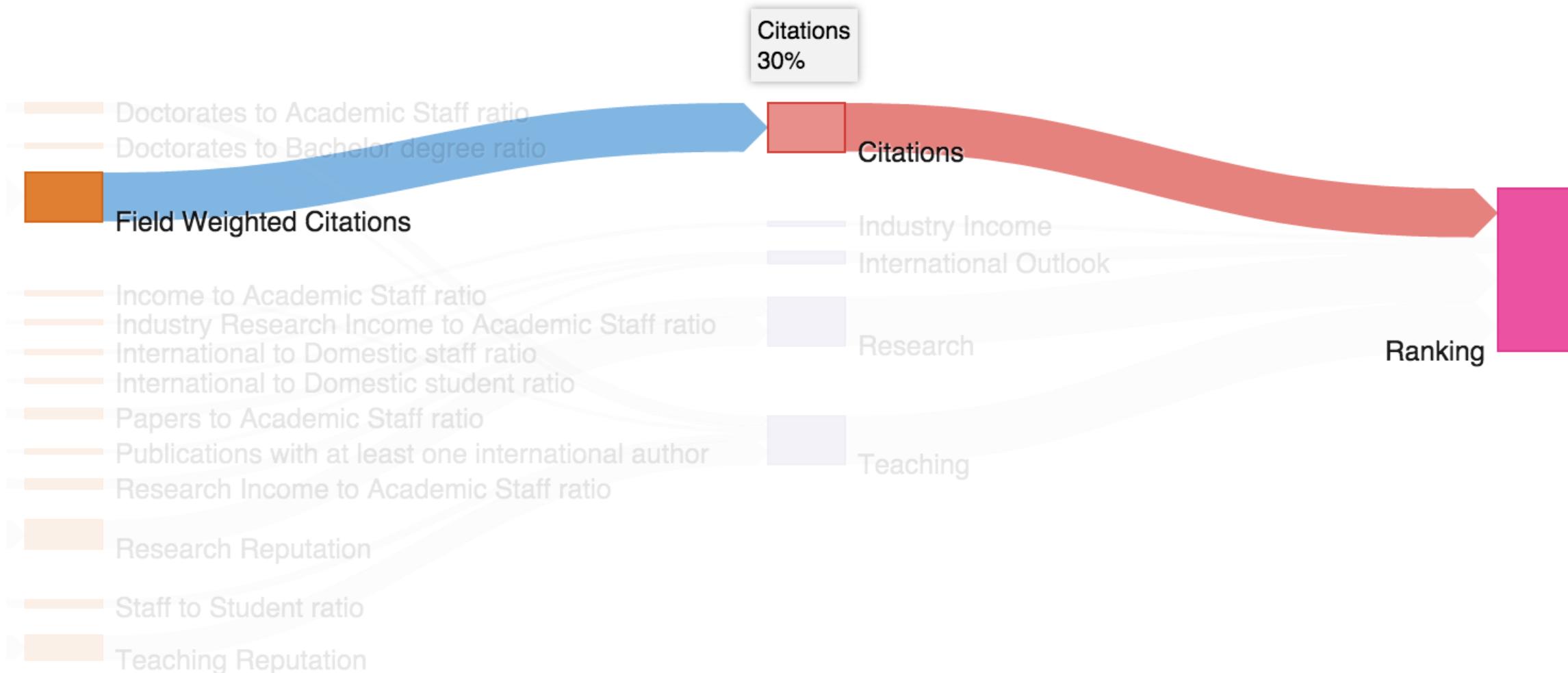
Autog. par Regnier, 8. Pas. S^e Marie S^t G^{me} à Paris.

Imp. Lith. Regnier et Dourdet.

The methodology



Pillars: citations



Pillars: research

- Doctorates to Academic Staff ratio
- Doctorates to Bachelor degree ratio

- Field Weighted Citations

- Income to Academic Staff ratio
- Industry Research Income to Academic Staff ratio
- International to Domestic staff ratio

- International to Domestic student ratio

- Papers to Academic Staff ratio

- Publications with at least one international author

- Research Income to Academic Staff ratio

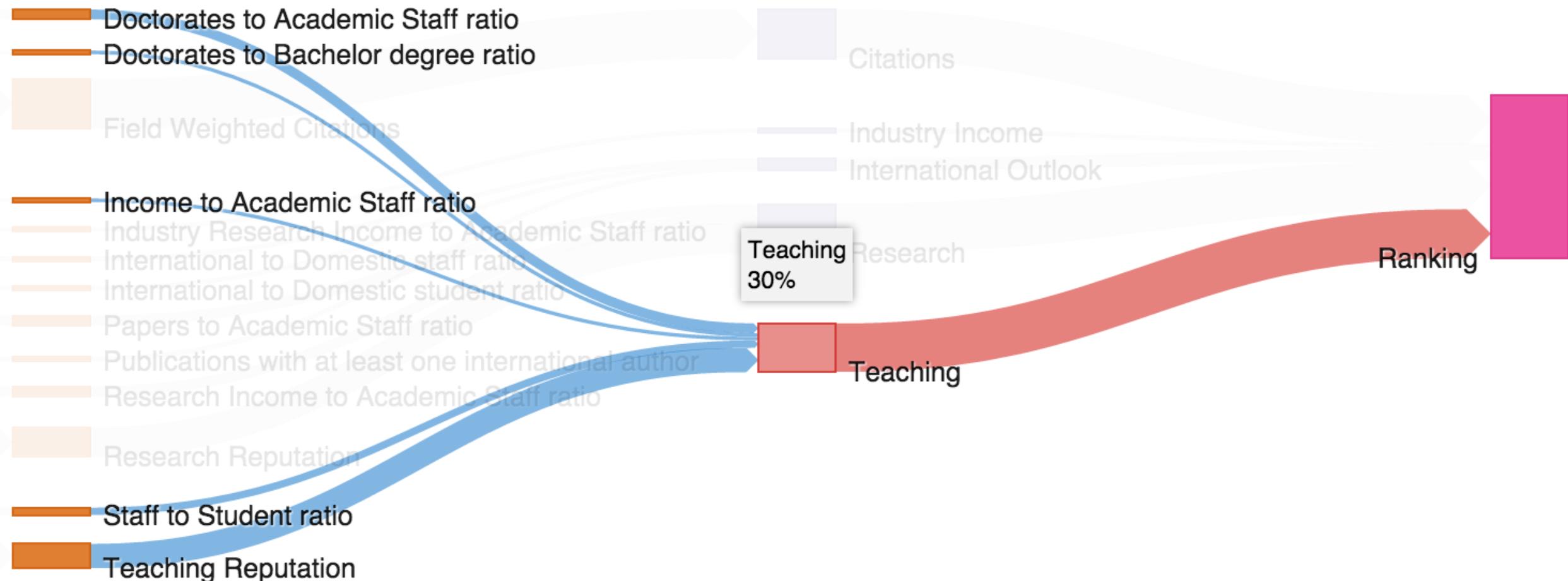
- Research Reputation

- Staff to Student ratio

- Teaching Reputation



Pillars: teaching environment



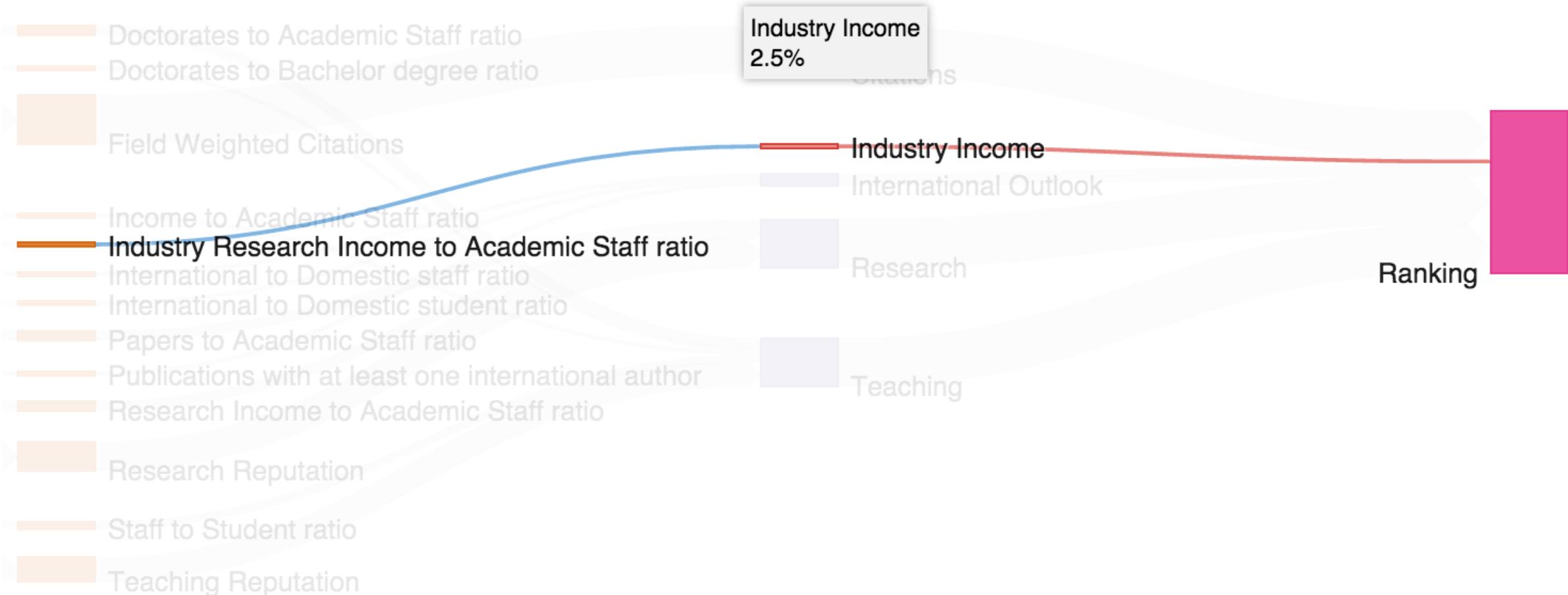
The Idea of a University



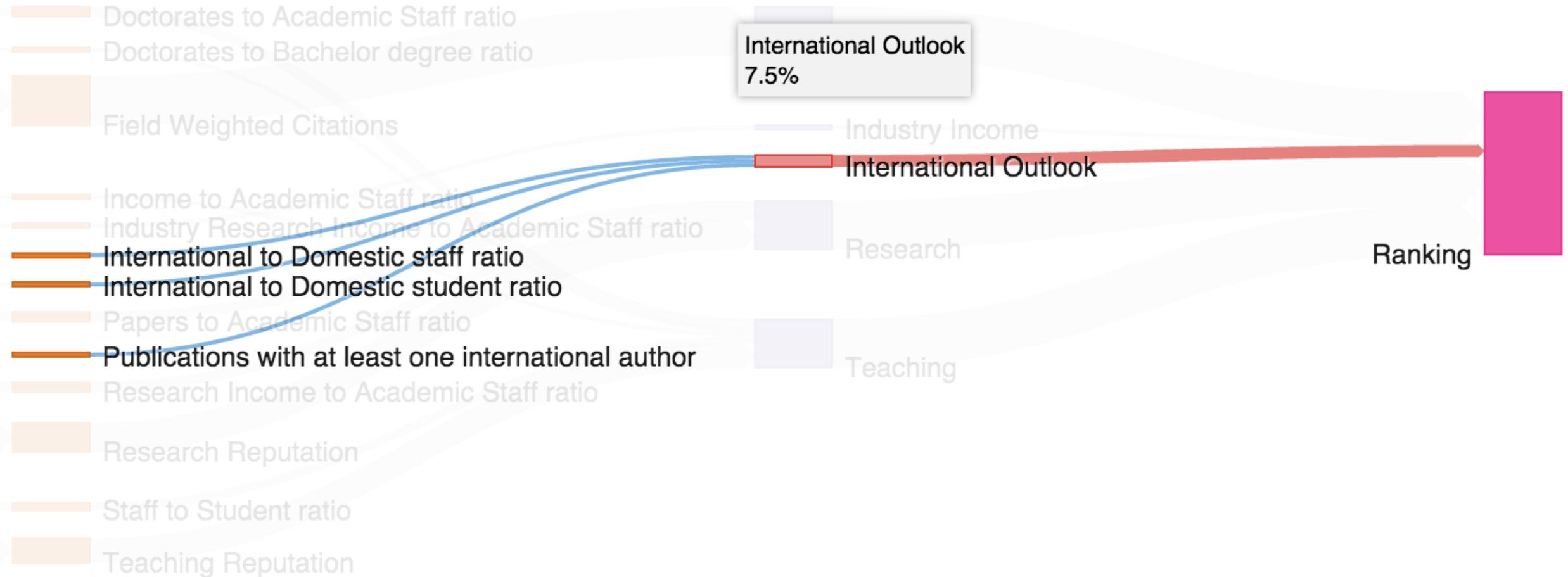
“The University is a community of scholars engaged in the task of seeking truth... It is intended not merely as a place of instruction; rather the student is to participate actively in research and from this experience he is to acquire the intellectual discipline and education which will remain with him throughout his life.”

Karl Jaspers, The Idea of a University, 1923.

Pillars: industry income



Pillars: international outlook



“Hybrid vigour”



“As you build a team, you bring together diverse people to provide the most effective views. Individuals brought up in different educational systems and with exposure to different societies and markets approach problems differently: thus, international teams broaden and augment individual thinking.”

Alice Gast, President, Imperial College London

2018



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The calculation of the *Times Higher Education* World University Rankings 2018 has been subject to independent audit by professional services firm PricewaterhouseCoopers (PwC) making these the only global rankings to be subjected to full, independent scrutiny of this nature.



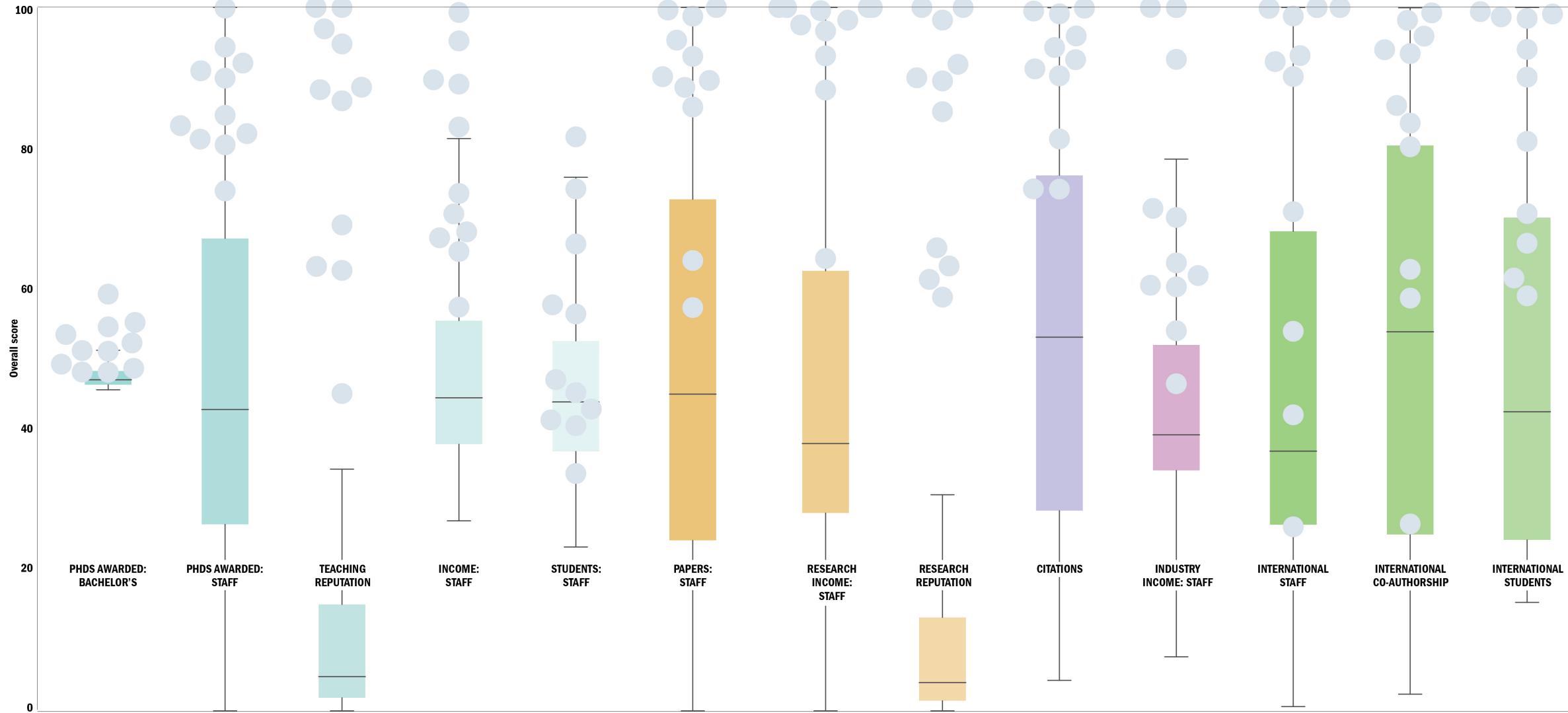
2018



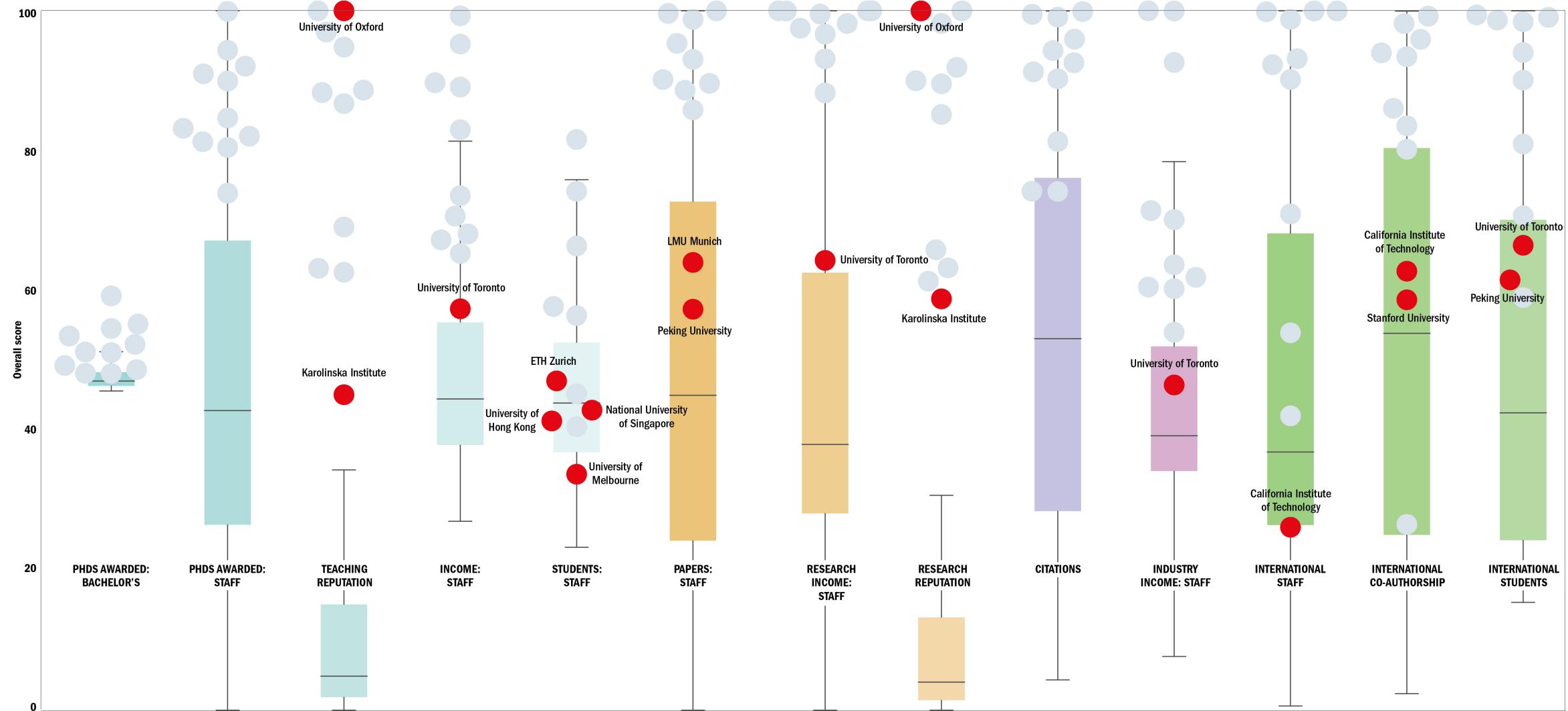
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Rank 2018	Rank 2016-17	Institution	Country/region
1	1	University of Oxford	United Kingdom
2	4	University of Cambridge	United Kingdom
=3	2	California Institute of Technology	United States
=3	3	Stanford University	United States
5	5	Massachusetts Institute of Technology	United States
6	6	Harvard University	United States
7	7	Princeton University	United States
8	8	Imperial College London	United Kingdom
9	=10	University of Chicago	United States
=10	9	ETH Zurich - Swiss Federal Institute of Technology Zurich	Switzerland
=10	13	University of Pennsylvania	United States

What are the characteristics of a world class university?



What are the characteristics of a world class university??



2018

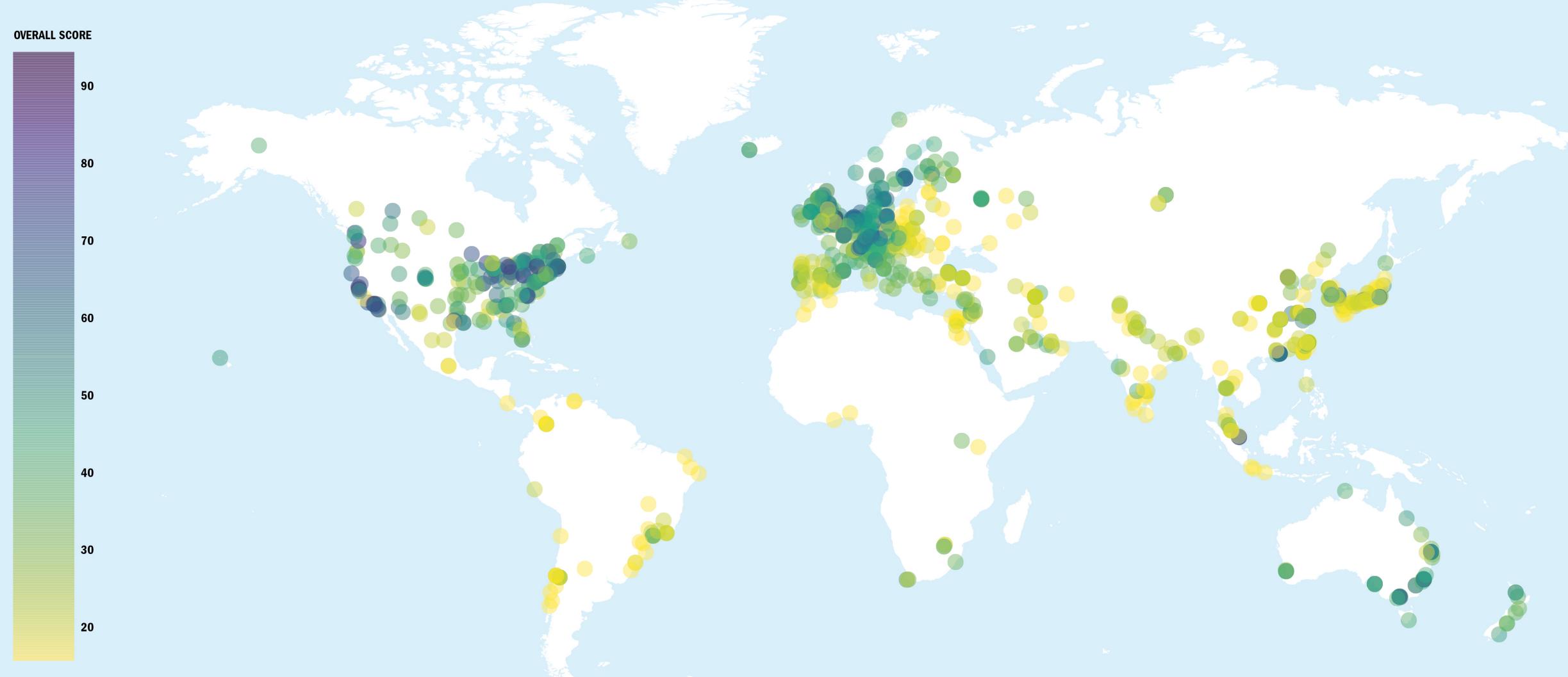


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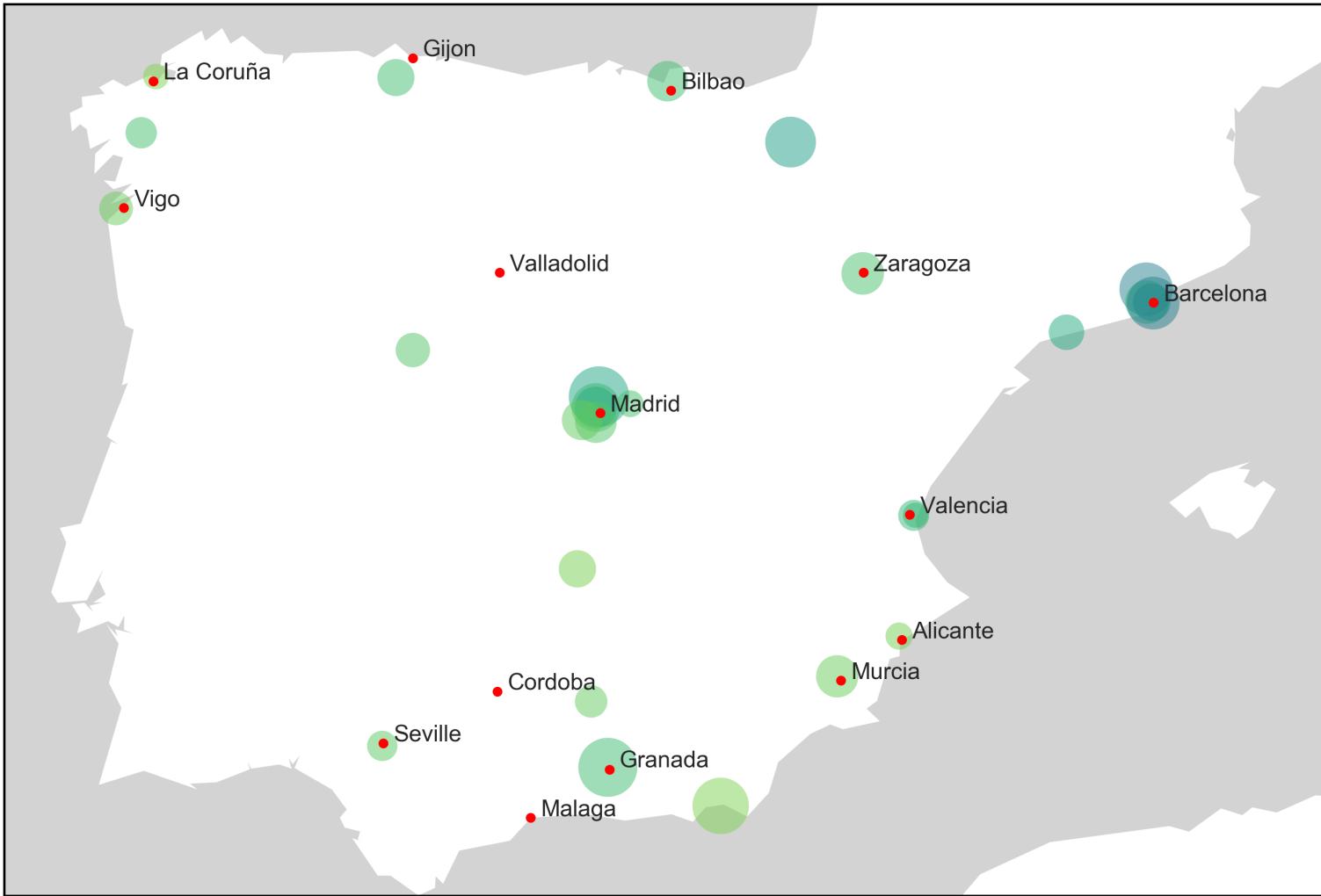
COUNTRIES/REGIONS REPRESENTED IN THE TOP 200

Country/region	Number of institutions in top 200	Top institution	Rank
United States	62	California Institute of Technology Stanford University	=3
United Kingdom	31	University of Oxford	1
Germany	20	LMU Munich	=34
Netherlands	13	University of Amsterdam	59
Australia	8	University of Melbourne	32
China	7	Peking University	=27
Switzerland	7	ETH Zurich – Swiss Federal Institute of Technology Zurich	=10
Canada	6	University of Toronto	=22
France	6	Paris Sciences et Lettres – PSL Research University Paris	=72
Sweden	6	Karolinska Institute	=38
Hong Kong	5	University of Hong Kong	40
Belgium	4	KU Leuven	47
South Korea	4	Seoul National University	=74
Denmark	3	Aarhus University University of Copenhagen	=109
Finland	2	University of Helsinki	90
Italy	2	Scuola Superiore Sant'Anna	=155
Japan	2	University of Tokyo	46
Singapore	2	National University of Singapore	=22
Spain	2	Pompeu Fabra University	140
Austria	1	University of Vienna	=165
Luxembourg	1	University of Luxembourg	=179
New Zealand	1	University of Auckland	192
Norway	1	University of Oslo	146
Republic of Ireland	1	Trinity College Dublin	=117
Russian Federation	1	Lomonosov Moscow State University	194
South Africa	1	University of Cape Town	171
Taiwan	1	National Taiwan University	=198





Top Universities in Spain



Spain in focus

2018



in partnership with ELSEVIER

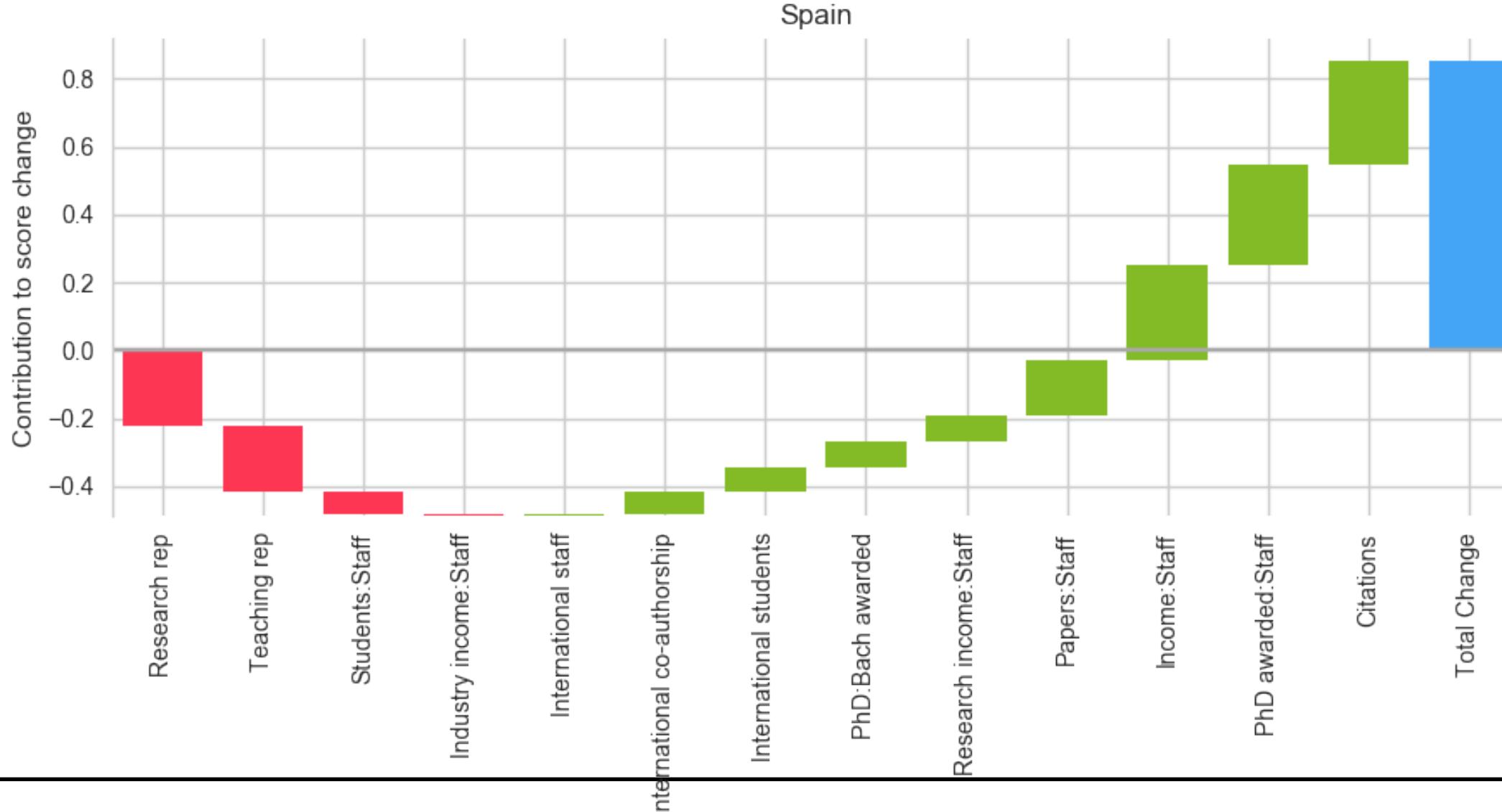
Name	Country/region	2018	2017
Pompeu Fabra University	Catalonia	140	175
Autonomous University of Barcelona	Catalonia	=147	163
University of Barcelona	Catalonia	201–250	201–250
University of Navarra	Spain	301–350	301–350
Autonomous University of Madrid	Spain	351–400	351–400
Polytechnic University of Catalonia	Catalonia	401–500	401–500
University of Rovira i Virgili	Spain	401–500	401–500
Complutense University of Madrid	Spain	501–600	501–600
University of Granada	Spain	501–600	501–600
Polytechnic University of Valencia	Spain	501–600	501–600
University of Valencia	Spain	501–600	501–600

Spain in focus

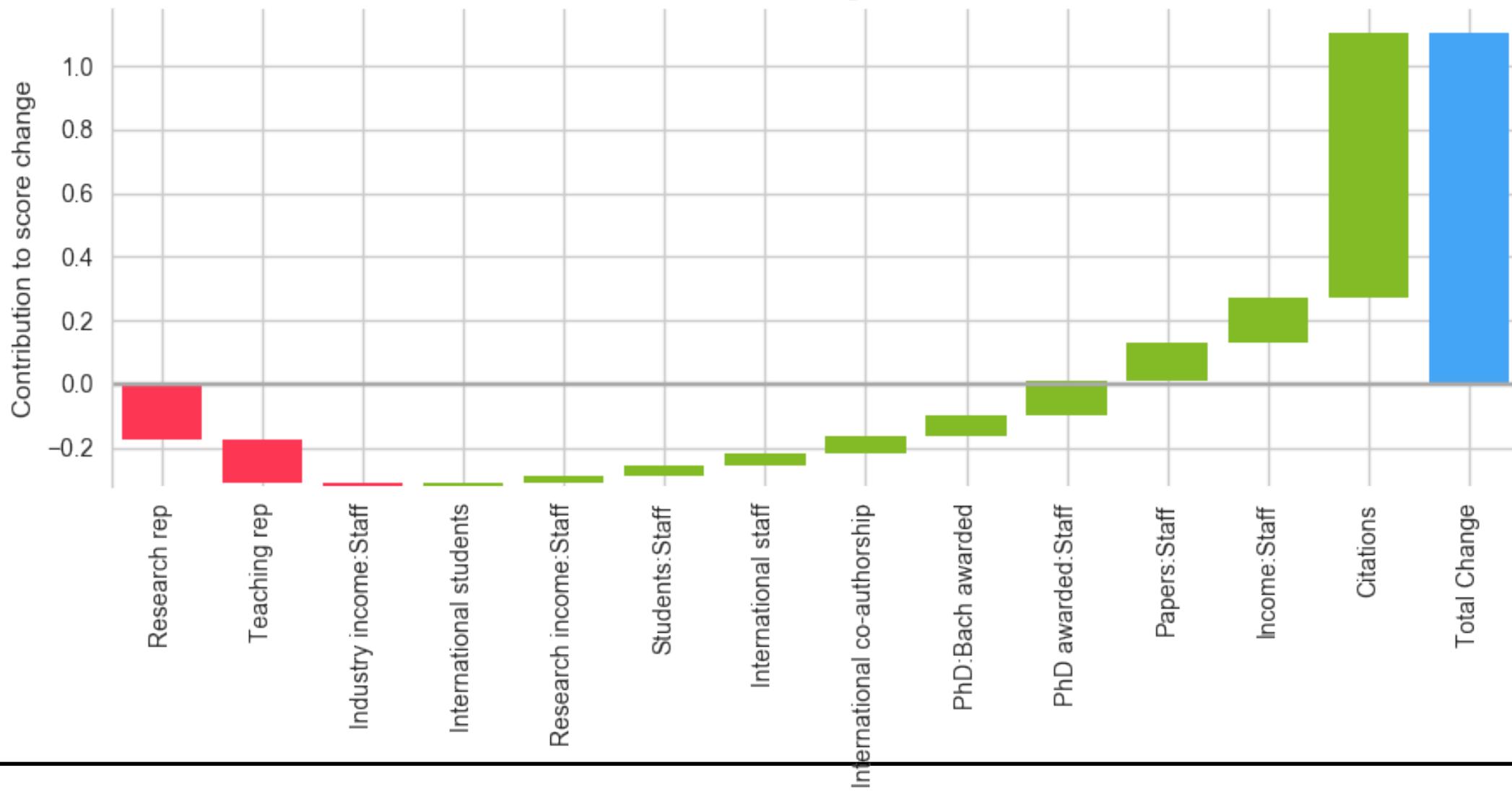
2018



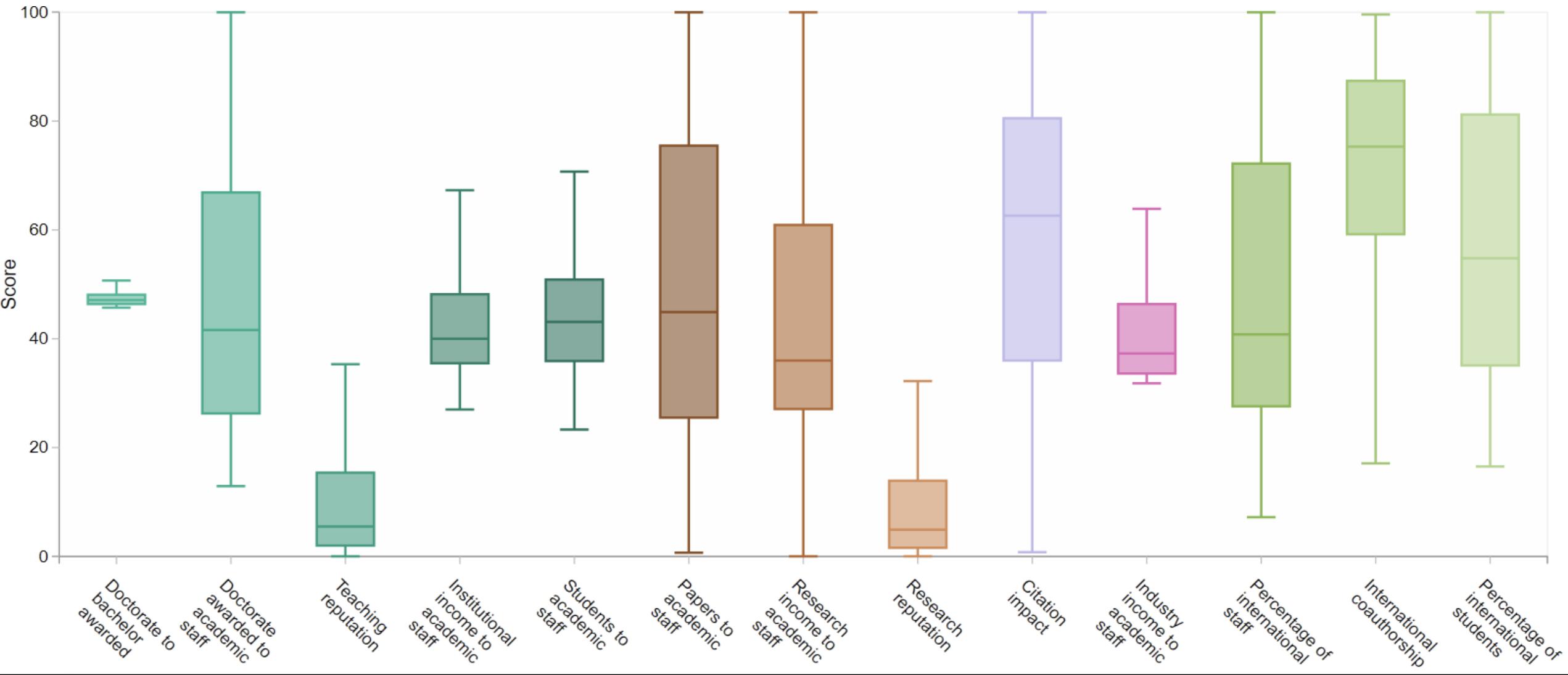
University of Alcalá	Spain	601–800	601–800
University of the Basque Country	Spain	601–800	501–600
Carlos III University of Madrid	Spain	601–800	601–800
University of Jaén	Spain	601–800	601–800
King Juan Carlos University	Spain	601–800	601–800
University of La Laguna	Spain	601–800	601–800
University of Murcia	Spain	601–800	601–800
University of Oviedo	Spain	601–800	601–800
University of Salamanca	Spain	601–800	601–800
University of Santiago de Compostela	Spain	601–800	601–800
University of Seville	Spain	601–800	601–800
Technical University of Madrid	Spain	601–800	601–800
University of Vigo	Spain	601–800	601–800
University of Zaragoza	Spain	601–800	501–600
University of A Coruña	Spain	801–1000	601–800
University of Alicante	Spain	801–1000	NR
University of Almería	Spain	801–1000	NR
University of Castilla-La Mancha	Spain	801–1000	601–800



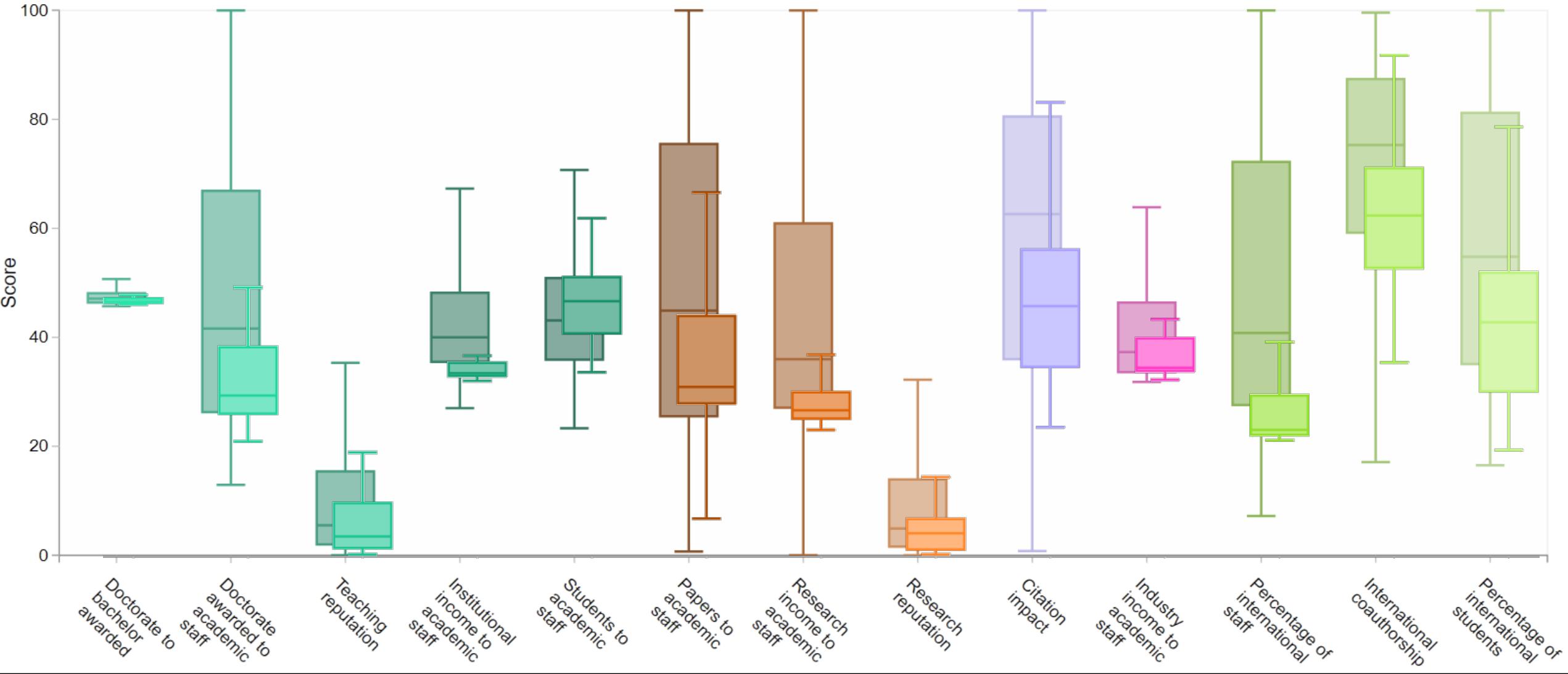
United Kingdom



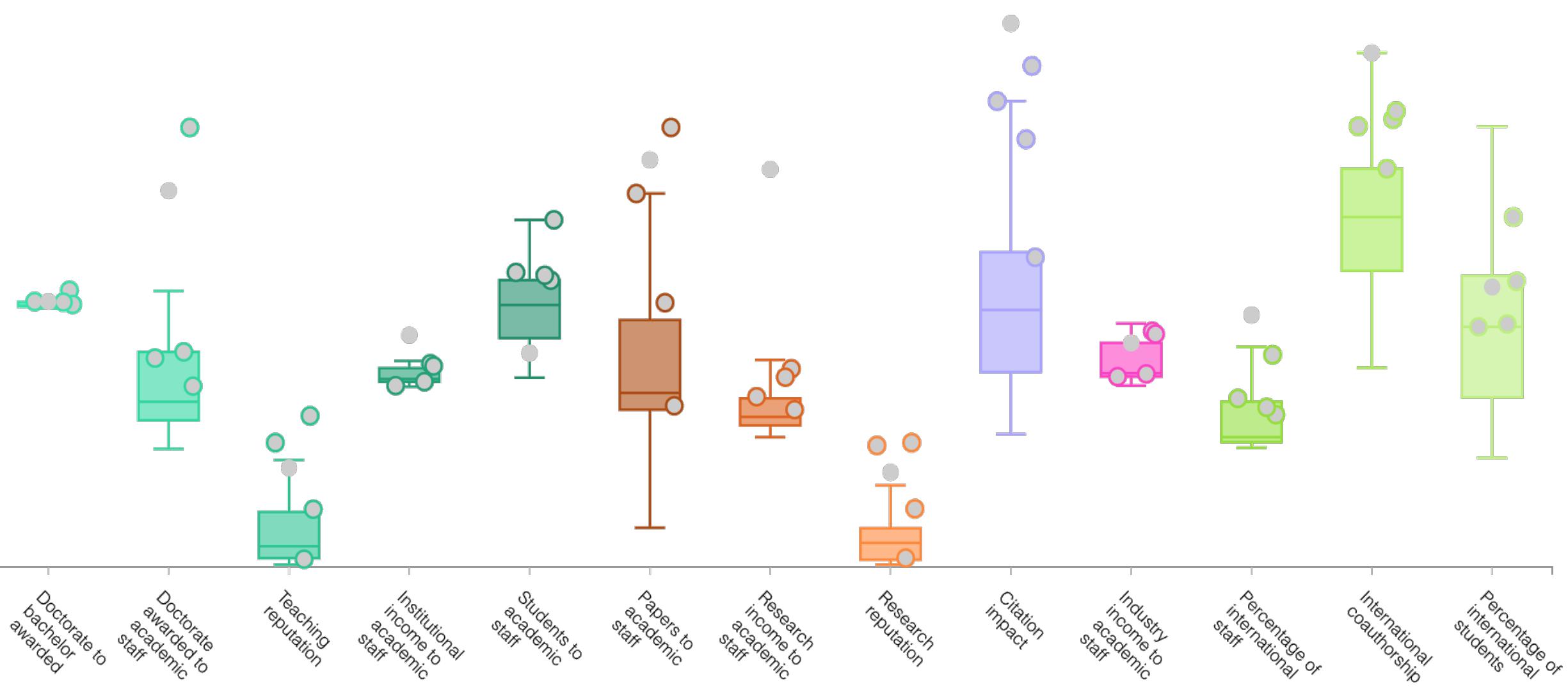
Europe in the rankings



Europe vs Spain

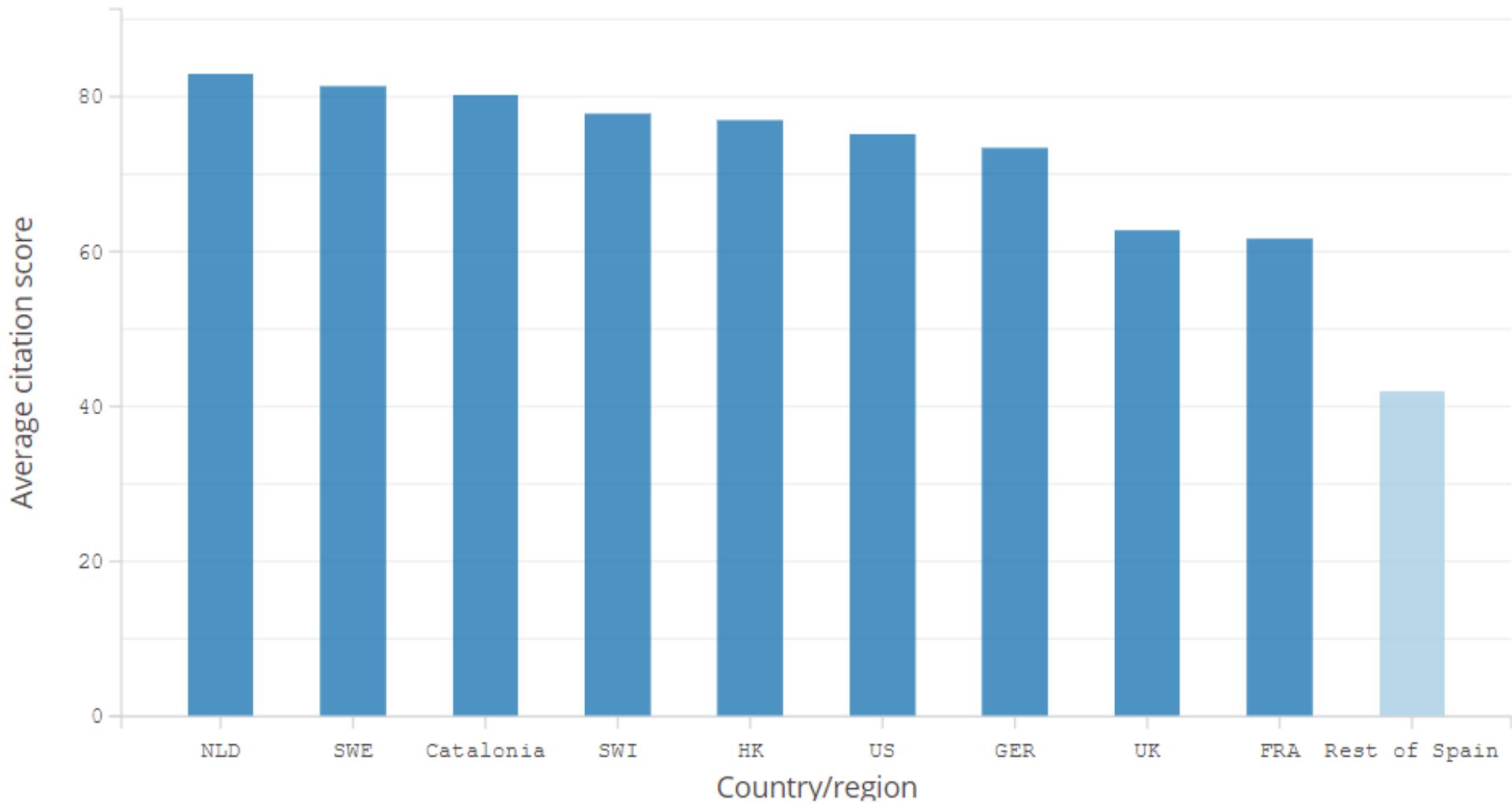


Spain vs Catalonia



How Catalonia scores on citation impact

Compared with selected countries with at least five institutions in World University Rankings



How Catalonia scores on citation impact

Compared with countries having from 5 to 9 institutions in World University Rankings

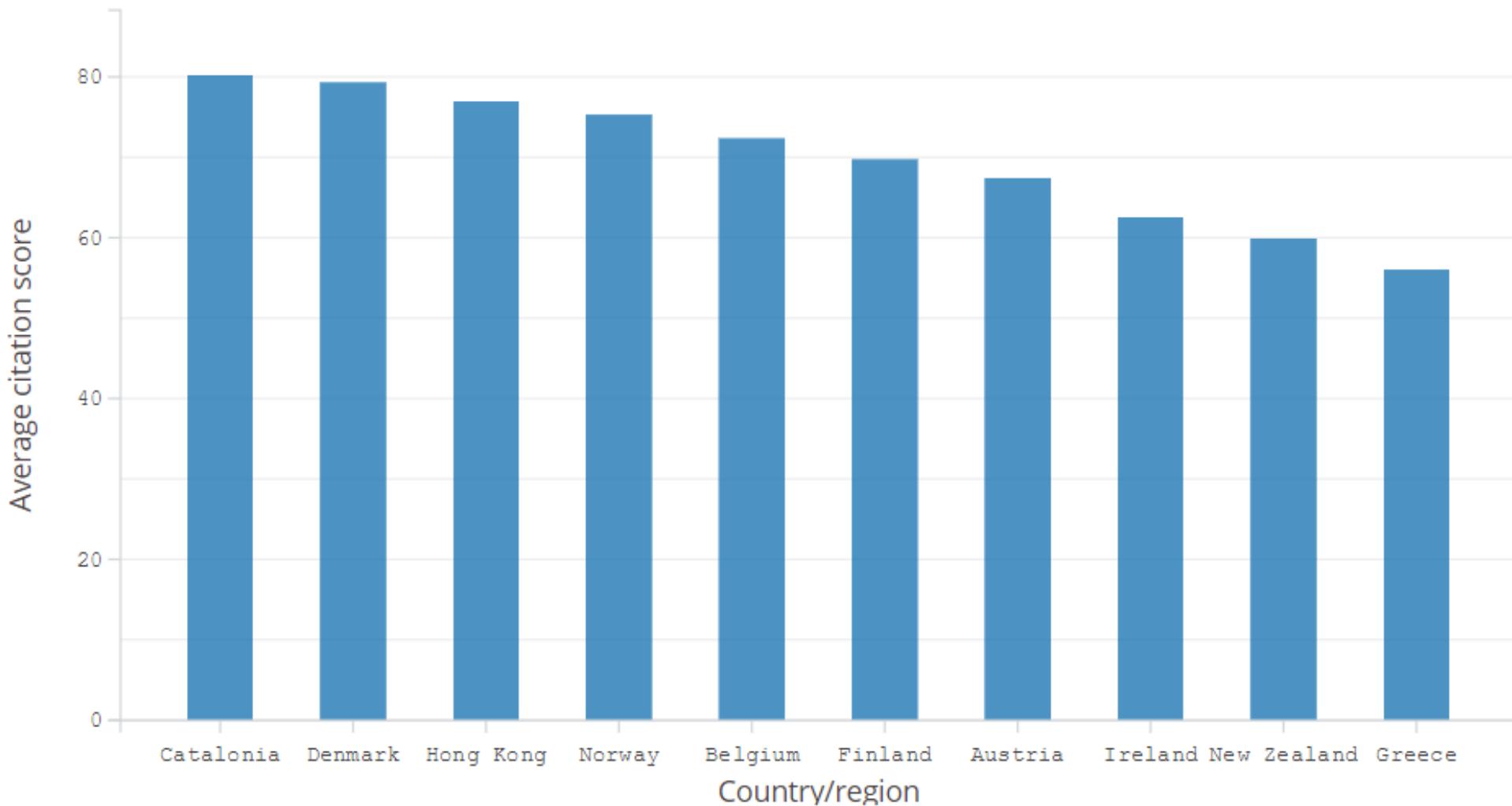
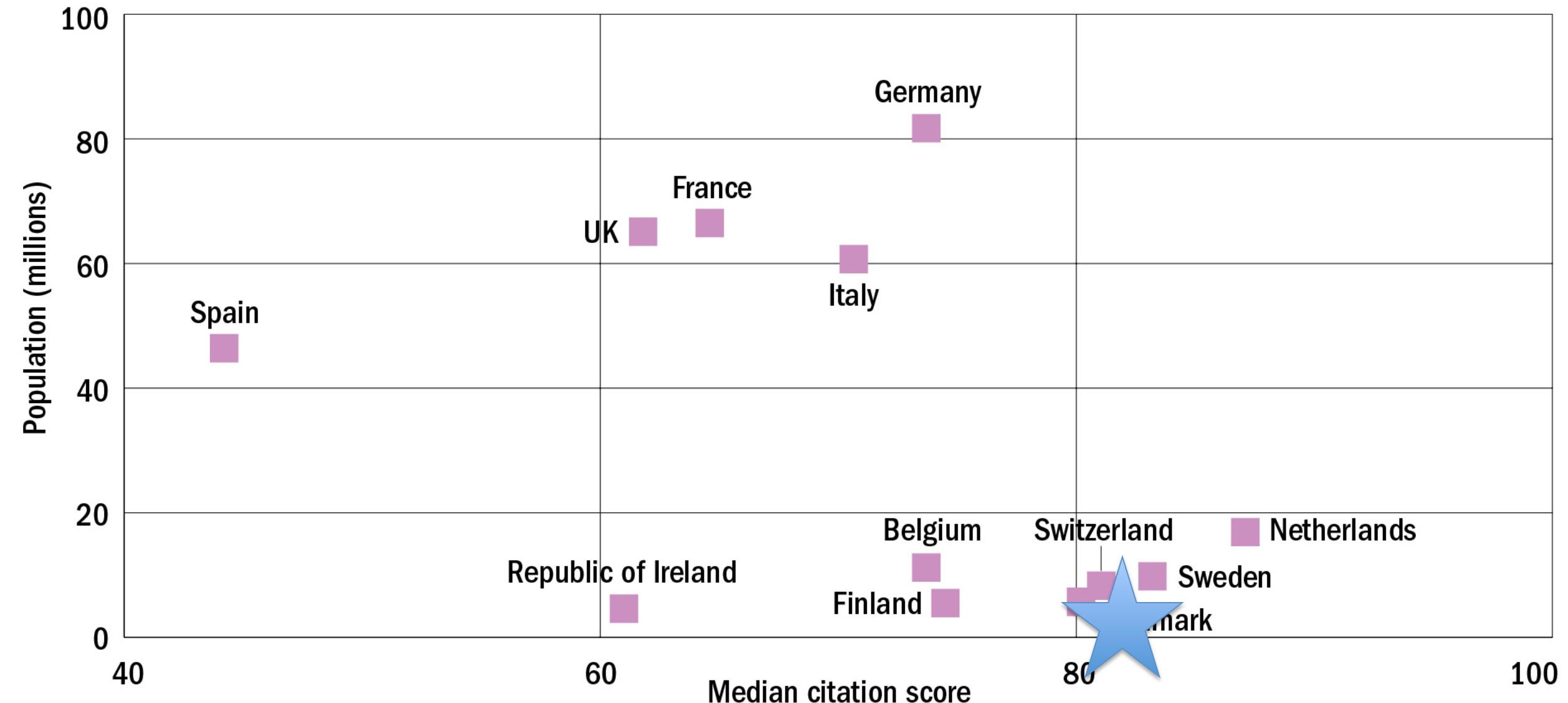


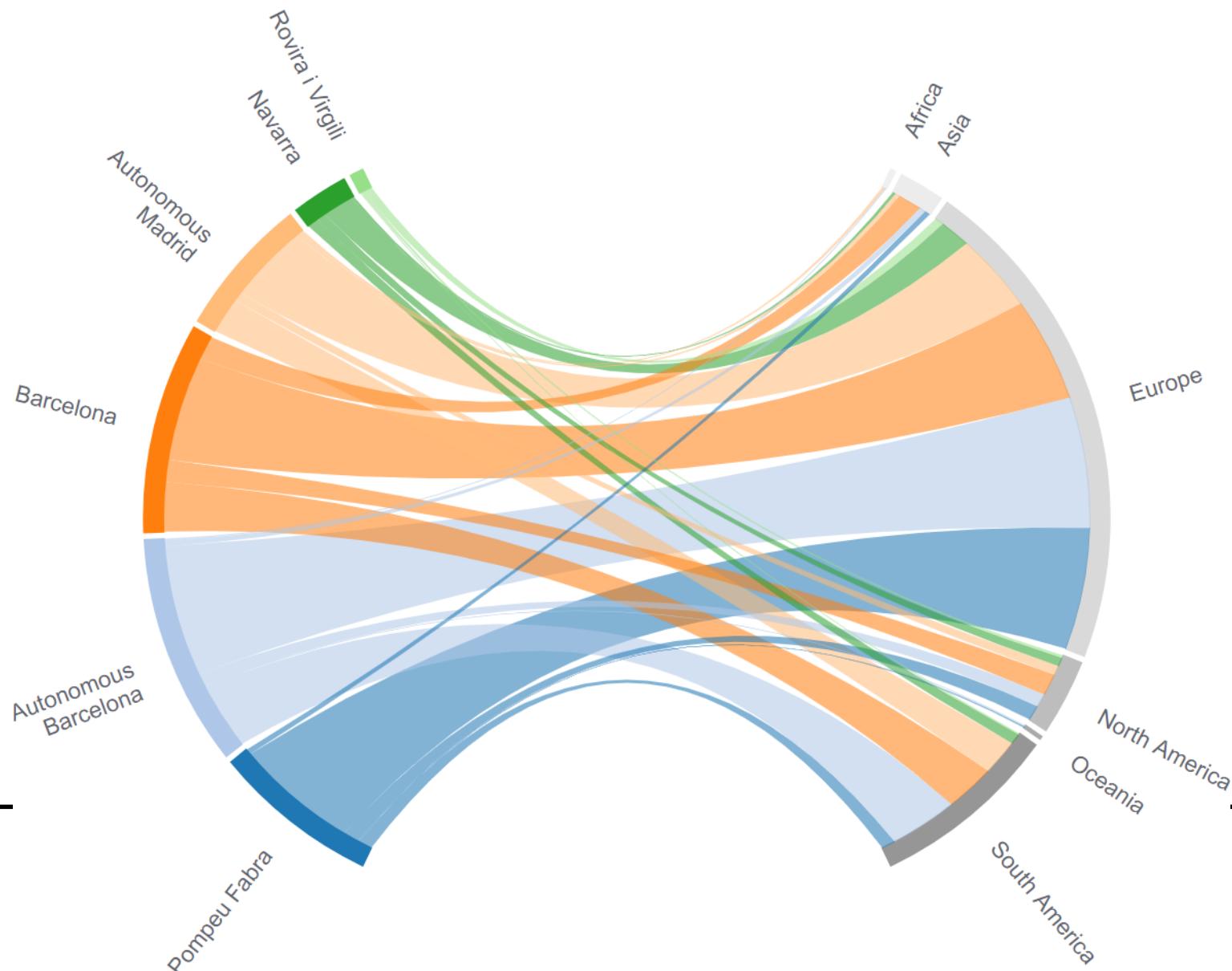
FIGURE 4: HOW DOES CITATION IMPACT CORRELATE WITH POPULATION SIZE?



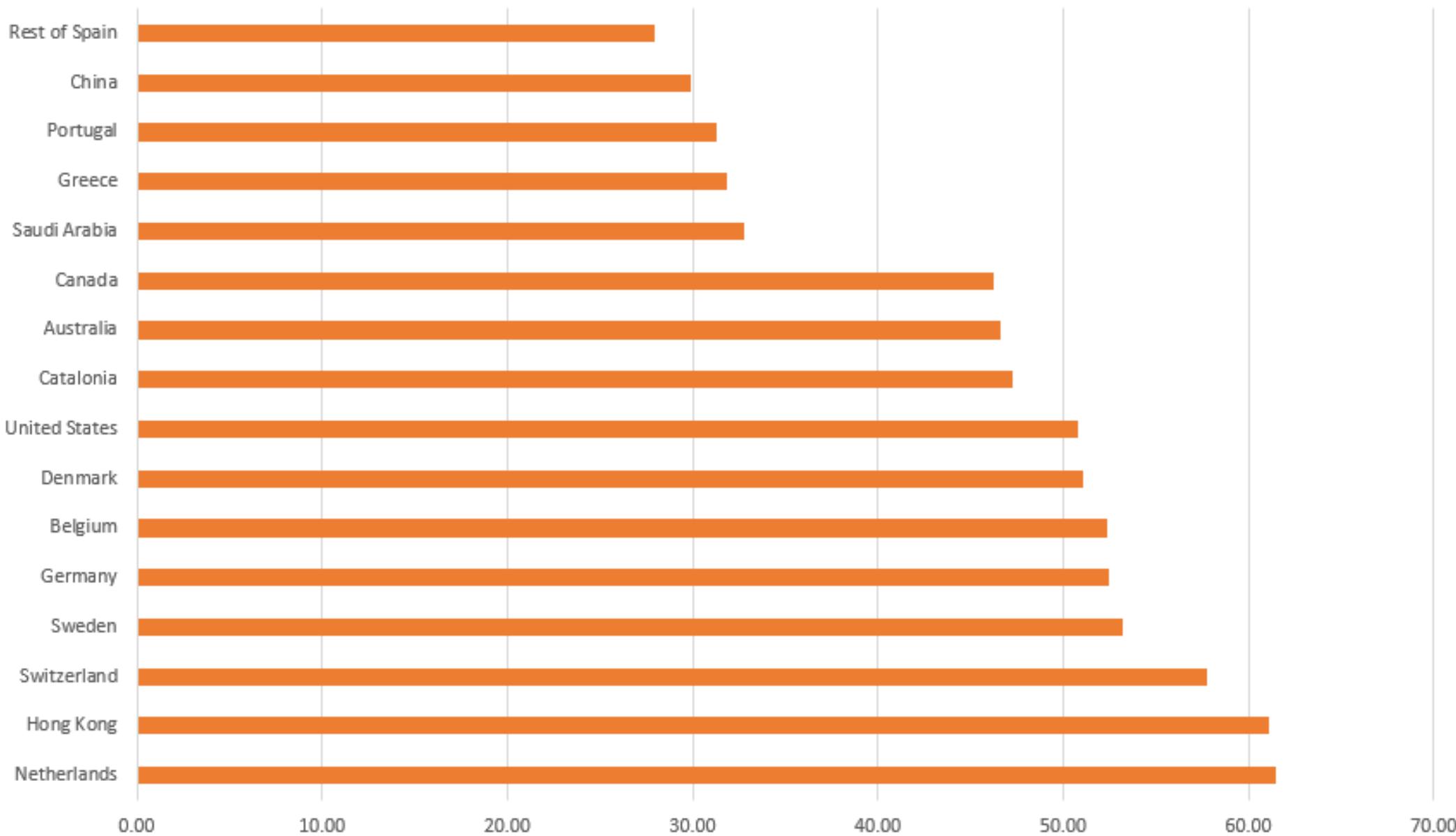
FIGURE 4: HOW DOES CITATION IMPACT CORRELATE WITH POPULATION SIZE?



Spanish universities – reputation votes by continent



Average overall ranking score



Thank you.

rankings@timeshighereducation.com

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2018



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