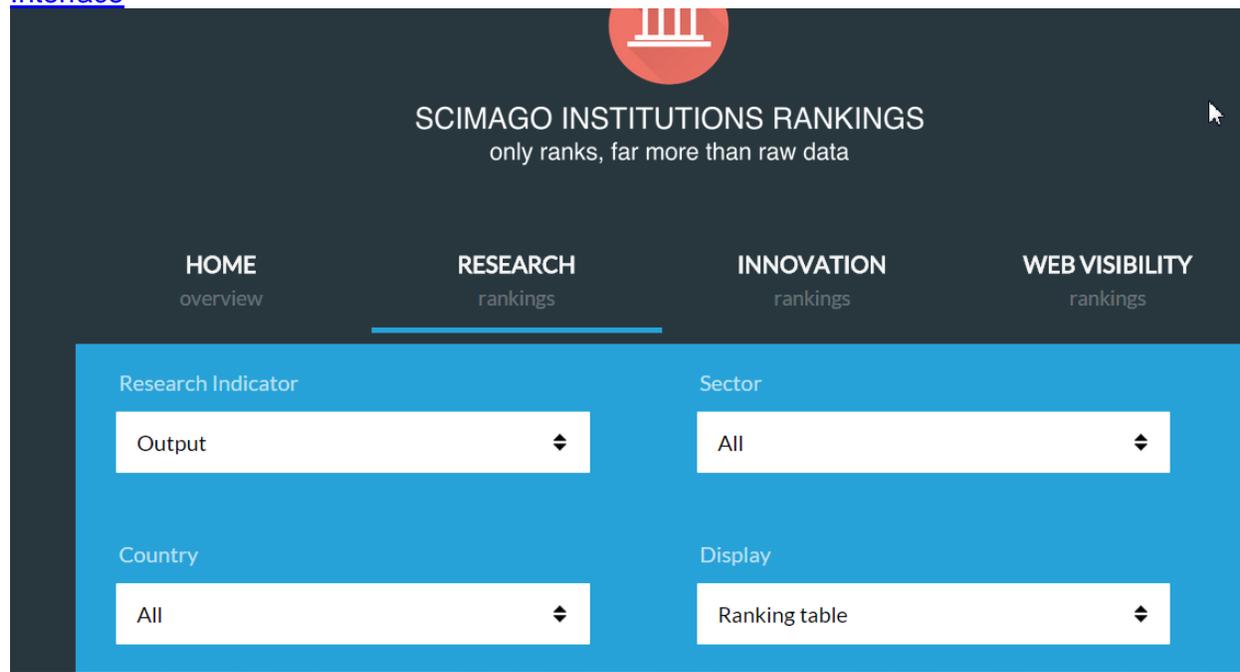


Table 8.1 Scimago Methodology

[Interface](#)



[Methodology: for 2014 rankings](#)

Publications	Scopus	Over 20,000
Date Range	Rolling 5 years for publications	2014 uses 2008-2012
Historical Date range	From 2009	Online
Institutions	About 5000; 1350 in Asia >2700 in higher education; almost 950 in Asia; >1110 in government; about 170 private; 57 other	All with >100 Publications in Scopus in current year
Regions / Countries	Eight regions; Over 110 listed countries;	Africa; Asiatic; East and West Europe; Middle East; North & South America; Pacific
<b>RANKINGS</b>	Calculated by number or ratio; presented by global, regional or country score	Calculated globally for each metric; presented as scores, where the highest score gets the value of 100
<b>METRICS –Size dependent</b>		
Output	Total number of documents in scholarly journals	From Scopus; presented as a score with 100 given to the top producer.
Scientific Talent Pool	Total number of institutional authors in total number of papers	A score with 100 given to the top; 4 Asian institutions in top 10

<b>METRICS – Size independent</b>		
International Collaboration (at an institutional level)	Institution's output whose affiliations include more than one country	
Normalized impact (article level)	An institution's output related to the world average using a methodology where a value of 1 = world average	Translated in a score of 100 being the highest ranked; cannot tell who is above world average.
Q1 –High Quality Publications	Ratio of publications in first quartile of Scopus journals	Determined by field from <a href="#">SJR</a>
Specialization Index	Thematic concentration of output with underlying values from 1 being highly specialized to 0 being highly diverse	Translated into scores, the most specialized receive the highest ranking.
<b>Excellence Rate (key indicator)</b>	<b>% of an institutions output in 10% of most cited papers in a field</b>	<b>No US university in top 20 in the world; presented as a score</b>
Scientific Leadership	% of publications where lead author is from an institution	Supposed to be based on "corresponding author"; presented as score
Excellence with Leadership	% of leadership publications which are top 10%	Presented as a score