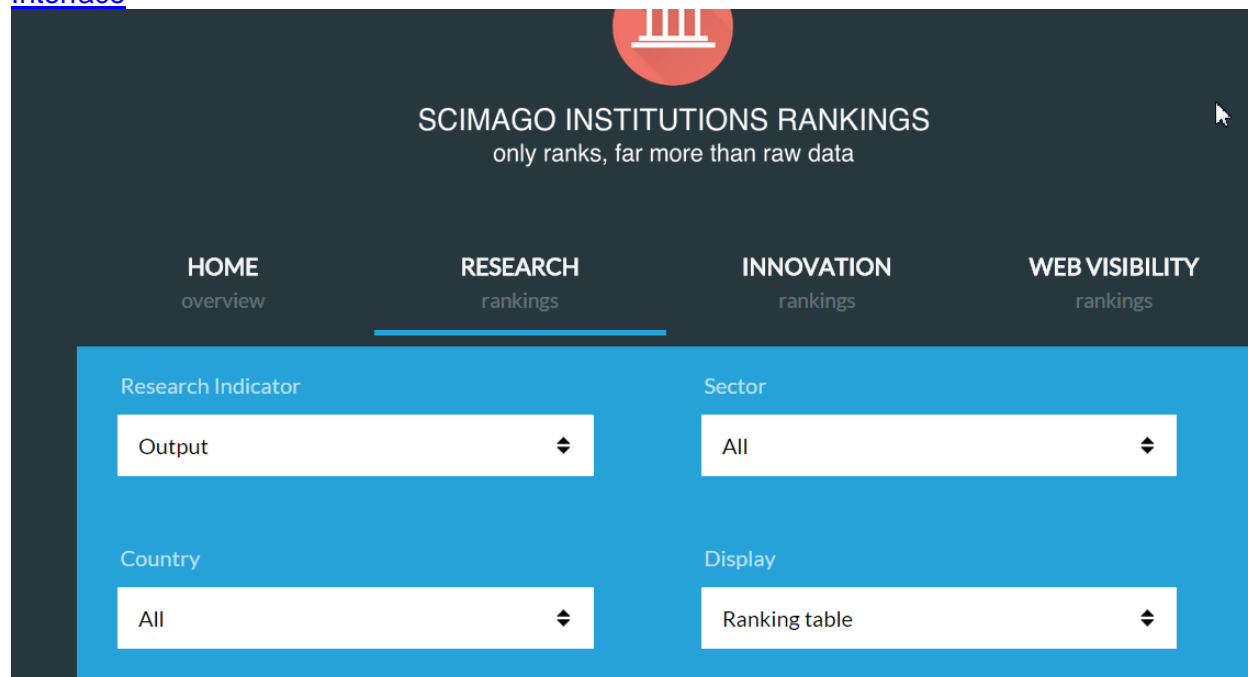


Table 8.1 Scimago Methodology

[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
RANKINGS	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
METRICS –Size dependent		
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

METRICS – Size independent		
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 SJR
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.
Excellence Rate (key indicator)	% of an institutions output in 10% of most cited papers in a field	No US university in top 20 in the world; presented as a score
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