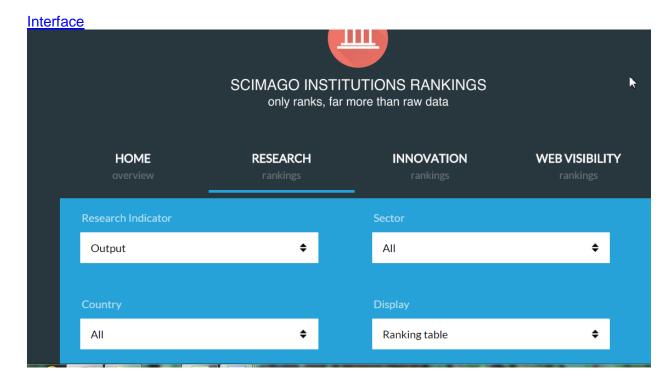
Table 8.1 Scimago Methodology



Methodology: for 2014 rankings

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