SCImago Institutions Rankings (SIR)

As mentioned above, the indicators used by SIR are divided into three groups of indicators. The following table shows the main elements of each indicator are described (name, definition, source and if weighted by size or independently -size).

Name	Definition	Source	Size-dependent
Research indicators			
Output/production 8%	Total number of documents published in scientific journals indexed in Scopus.	Scopus database	Dependent
International collaboration 2%	The output provided by institution in collaboration with foreign institutions. The values are Scopus database are computed by analysing the output of an institution whose affiliations include more than a country address.	Scopus database	Dependent
Normalised Impact 13%	Normalised Production Impact (citations) or adjusted by field. The normalisation of the values of citations is carried out at individual article level.	Scopus database	Independent
High quality publications 2%	A list of publications of an institution in the most influential scientific journals all over the world, placed in the first quartile (25%) in their categories according to the order established by *SCImago Journal Rank* (SJRII).	Scopus database	Dependent
Excellence 2%	Quantity (in %) of the scientific production of an institution included in the group of the 10% of the most cited articles in their respective fields.	Scopus database	Dependent
Scientific leadership 5%	Percentage of a production of an institution as main collaborator, that is, the quantity of articles in which the corresponding author belongs to the institution.	Scopus database	Dependent
Excellence with Leadership 13%	Number of documents in the Excellence rate in where the institution is the main contributor.	Scopus database	Dependent
Scientific talent pool 5%	Total number of authors from an institution in the total publication output of that institution during a	Scopus database	Dependent

Name	Definition	Source	Size-dependent
	particular period of time.		
Innovation indicators			
Innovative knowledge 25%	Scientific production publication of an institution cited in patents.	Based on PATSTAT (http://www.epo.org)	Dependent
Technological Impact 5%	Scientific production publication of an institution cited in patents. (Areas of patents: Agricultural and Biological Sciences; Biochemistry, Genetics and Molecular Biology; Chemical Engineering; Chemistry; Computer Science; Earth and planet Sciences; Energy; Engineering; Ambient Sciences; Health professions, Immunology and Microbiology; Material Sciences, Mathematics, Medicine; Multidisciplinary; Neuroscience; Nursing; Pharmacology, Toxicology and Pharmacy; Physics and Astronomy, Social Sciences, Veterinary).	Based on PATSTAT (http://www.epo.org)	Independent
Web visibility indicators			
Web Size 5%	Number of pages associated with the institution URL according to Google (https://www.google.com).	Google and Ahrefs	Dependent
Links to domain 15%	Number of inbound links to an institution domain according to ahrefs (https://ahrefs.com).	Google and Ahrefs	Dependent

Score Indicators

Indicator	Weight
Research	
EwL	13%
NI	13%
O	8%
STP	5%
L	5%
IC	2%
Q1	2%
Exc	2%
Innovation	
IK	25%
TI	5%
Societal	
IL	15%
WS	5%

ACCESS:

http://www.scimagoir.com/methodology.php