

Table 8.1: CWTS Leiden [Methodology](#)

INTERFACE

CWTS Leiden Ranking 2014

Select field and region/country		Select indicators	
Field:	All sciences	Type of indicators:	Impact
Region:	Asia	Indicator used for ranking:	PP(top 10%)
Country:	All countries	Minimum number of publications:	100 500 1000 5000 10000

▼ **Advanced parameters**

- Calculate size-independent indicators ?
- Calculate impact indicators using fractional counting ?
- Show stability intervals ?

Rank	University	Country	P	PP(top 10%)	Stability interval		
1	Rockefeller Univ		1033	29.1%			

METHODOLOGY

Number of institutions	750 in 2014 (up from 500 previously)	Top 750 in publications in WOS; Minimum 1000 publications
Source of metrics	Web of Science	Core publications
Number of Countries	49	
Time Period of articles	4 years	In 2014, 2009-2012
Journals	WOS core journal articles and reviews	List
IMPACT INDICATORS *		
<i>Size Independent</i>	The total unadjusted count; actual values are presented	Used as the base to calculate the size independent indicators
Publications	Total number of articles and reviews in CORE list (P)	4 years (2009-2012 in 2014); may also use fractional count
Citations	Total Number of citations (TCS)	From the core journals
	Total number of citations normalized by subject Percent and year (TNCS)	Counted at the end of the previous (2013 for 2014 rankings); may use fractional counting
Excellence	Proportion of top 10% cited publications compared to other institutions ((top 10%)	Based on field and year
Advanced Parameters – Normalization Filters	P plus value for indicator	Normalized by size and/or fractional counting
Size independent	Average statistics per publication	
Fractional counting	Distributes count among institutions for articles with multiple authors	Do NOT use this is you want all institutions to have the same weight
Normalized Impact Indicators	Displays P plus value for indicator	Normalized by size and/or fractional counting as above
Mean Citation Score	Average # of citations for university's publications (MCS)	Values; size independent but does not have to be fractional
Mean Normalized Citation Score	By field and year (MNCS)	Values; size independent but does not have to be fractional
Excellence – key indicator	Top 10% of citations based on field and year	Using size independent and fractionalized counts
FILTER BY		
Fields	7 broad scientific areas	Cognitive Sciences; Earth Sciences; Life Sciences; Math, Comp Science & Engineering; Med Sciences; Natural Sciences; Social

		Sciences
Geography	Region and country	
Size	Set lower limit but not range	

- Indicators are based on definitions for “institution” and publications; [Download](#) zip file of core journals and all institutions