

Leading The Way



# Rankings update

M'hamed el Aisati, Elsevier  
Tunis, 06 October 2016

# The importance of Rankings

# Rankings are cited by many stakeholders as being important



Students & Parents

**85%** of **students** find university ranking as important in their selection of institute to study

**33%** of **students** find university ranking as the **most** important factor (number 1 factor, followed by 21% employer recognition, etc.)



University Management

The goal of the program is that by 2020 at least 5 Russian universities will be in the top 100 universities as denoted by QS World University ranking.

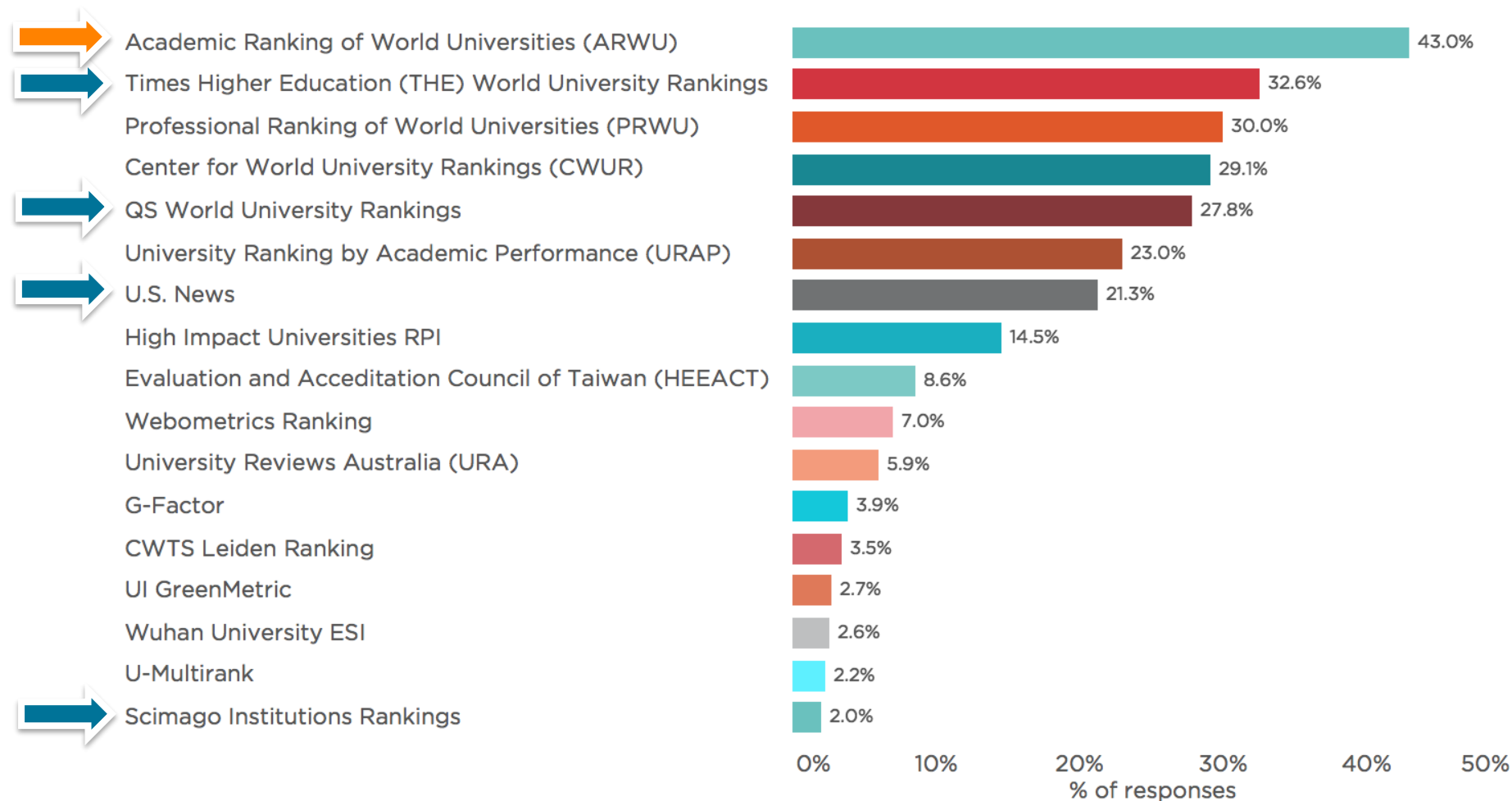


Policy Makers

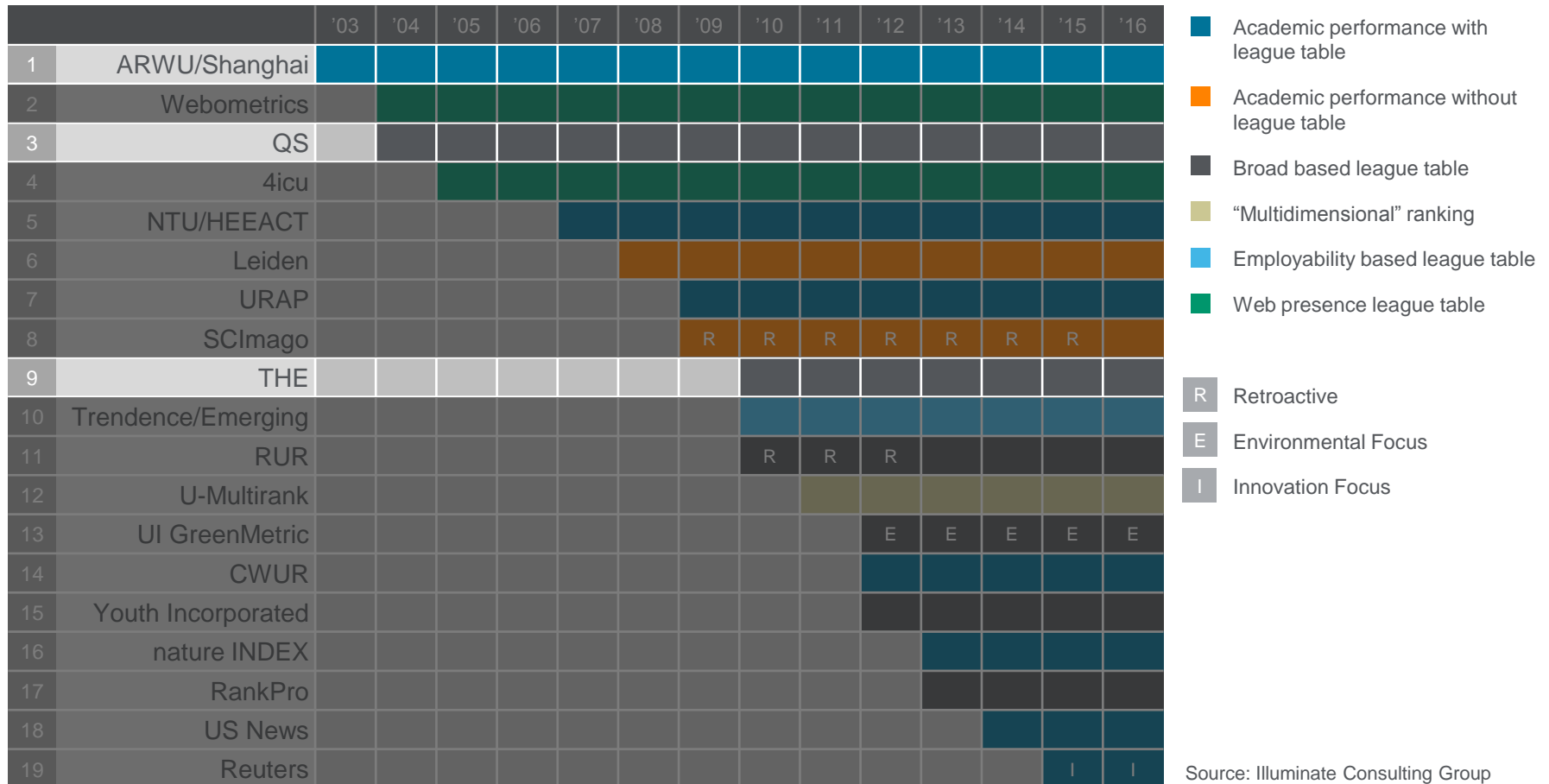
David Willets (former UK Universities & Science minister):

*"We broadly accept the criteria used by the THE, which is why our policies are focused on the same areas."*

# Students primarily use a small number of powerhouse rankings systems, although there are significant variations by nationality



# Global University Rankings



# Bibliometric data providers vs. ranking agencies

unique to Scopus / SciVal

shared with Thomson



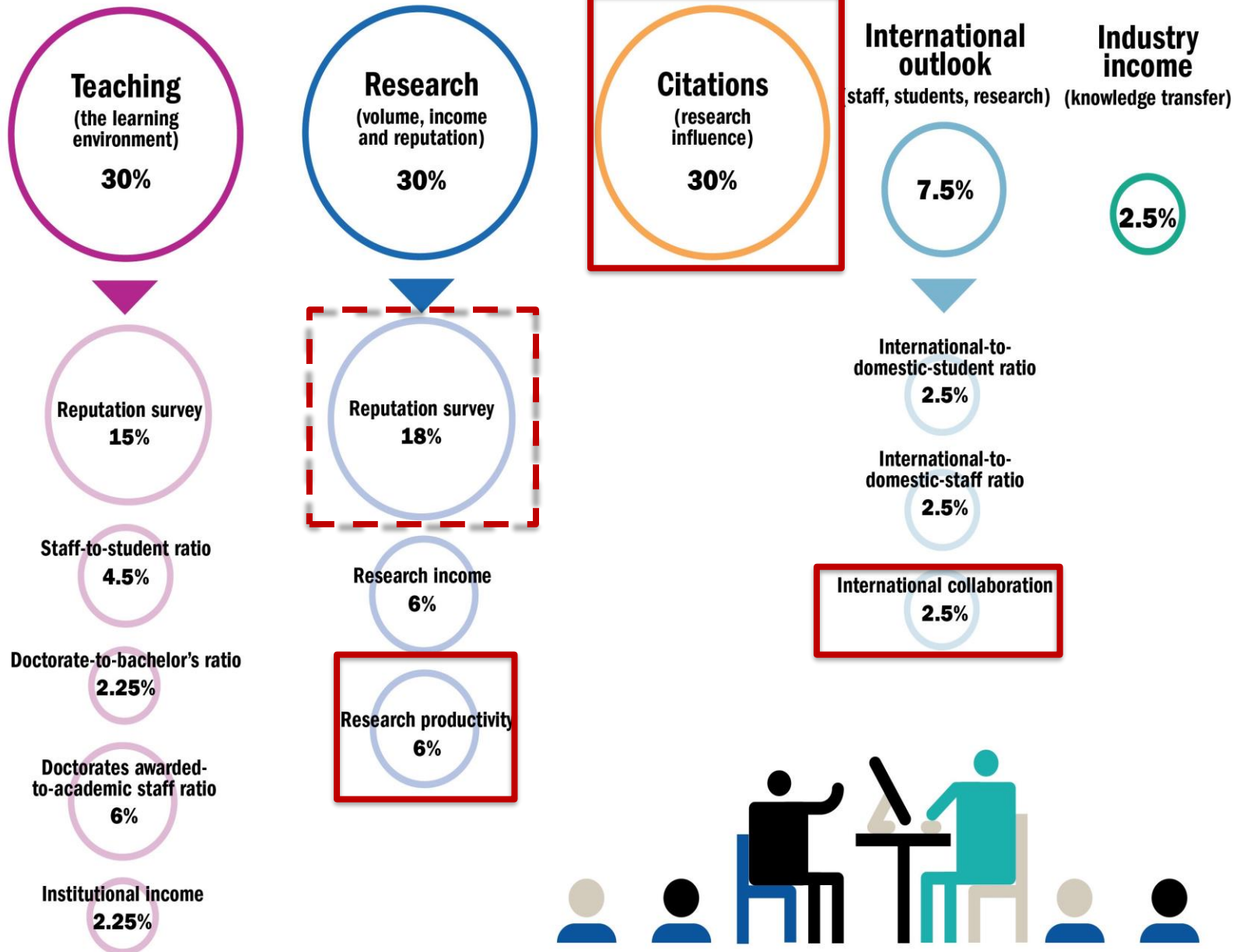
MACLEAN'S



## A closer look at...

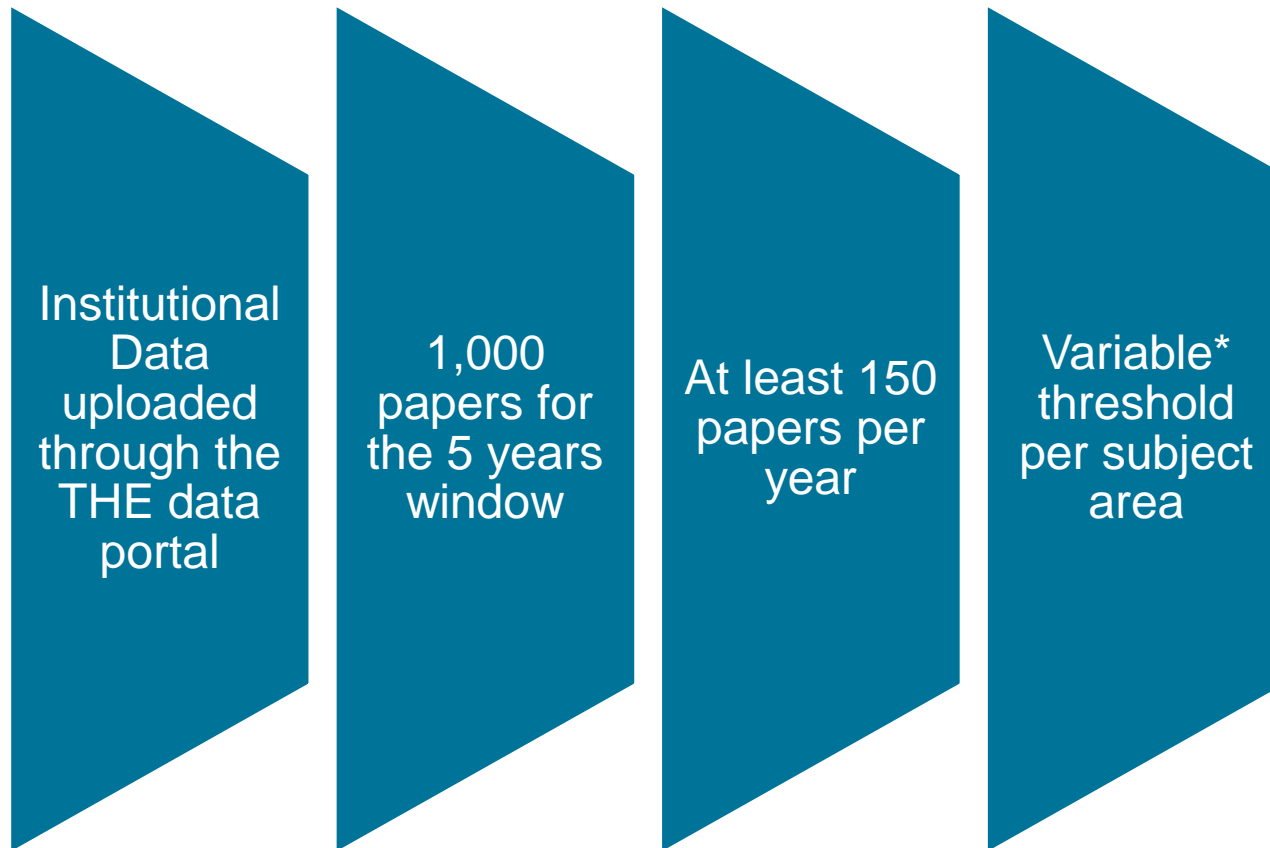


- **Use Scopus:**
  - **2007-2009:** Under QS partnership
  - **Since Oct. 2014:** Directly from Elsevier
- **Rankings existing:** World University Reputation, Asia, Top 100 Under 50 (Young Universities), Asia Universities, BRICS & Emerging Economies, Rankings by Subject
- **Data provided:** citation score, number of papers per faculty, number of internationally co-authored papers
- **Affiliations:** Primarily SciVal institutions
- **Support:**
  - **Reputation data:** Elsevier runs the reputation survey using Elsevier author list for THE
  - **Affiliation handling:** Affiliation corrections, mergers, split, etc. handled with THE for the respective universities





## Minimum requirements in order to be ranked



(\*): 500 papers for large disciplines, 250 for smaller disciplines

# Main changes between 2015-16 and 2016-17 THE's WUR

Threshold of papers per year	200	Threshold of papers per year	150
Threshold per subject	0	Threshold per subject	500/250
Kilo papers	Excluded	Kilo papers	Re-introduced but with fractionalized counting
Journals	All	Journals	Suspended titles excluded
Document types	AR, RE and CP	Document types	AR, RE, CP, BK and CH
Number of universities	801	Threshold of papers per year	980
Subjects	6	Subject	8

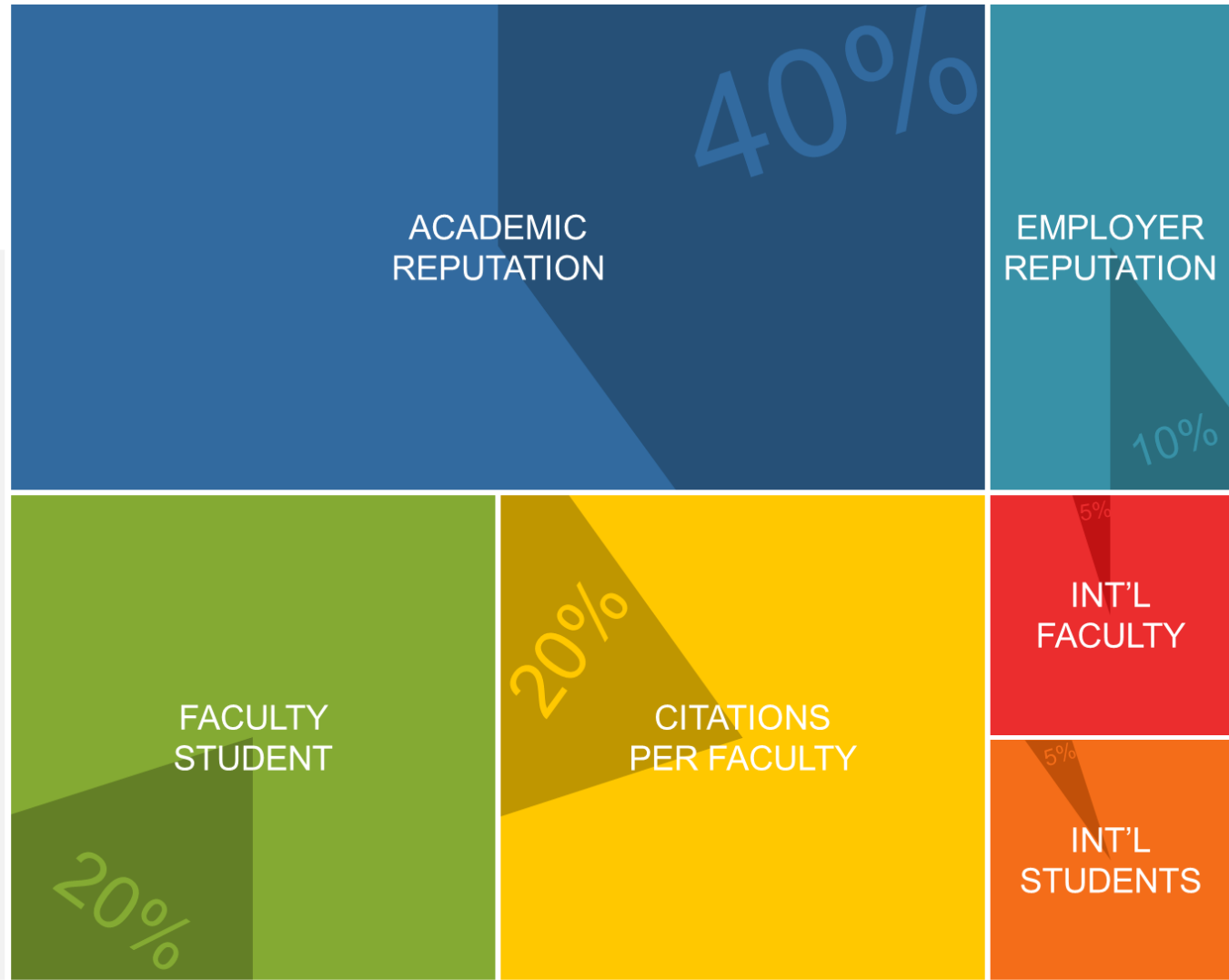
## A closer look at...



- **Uses Scopus** since 2007
- **Rankings:** World University, World University Rankings by Subject, Asia, Arab Region, BRICs, EECA, Latin America, Top 50 Under 50
- **Data provided:**
  - Scopus raw data
  - Sharing SciVal institution profiles
  - (Re)classification of multidisciplinary articles
- **Affiliations:** Scopus profiles
- **Support is provided** at the level of Scopus data corrections incl. those related to affiliations



- Consistent, simple methodology
- Stable results
- Discipline independent
- Language independent
- Low dependence on self-reporting



1

LATER  
SCOPUS  
EXTRACT

2

VARIABLE  
AFFILIATION  
THRESHOLD

3

MODIFIED  
Z-SCORE  
APPROACH

4

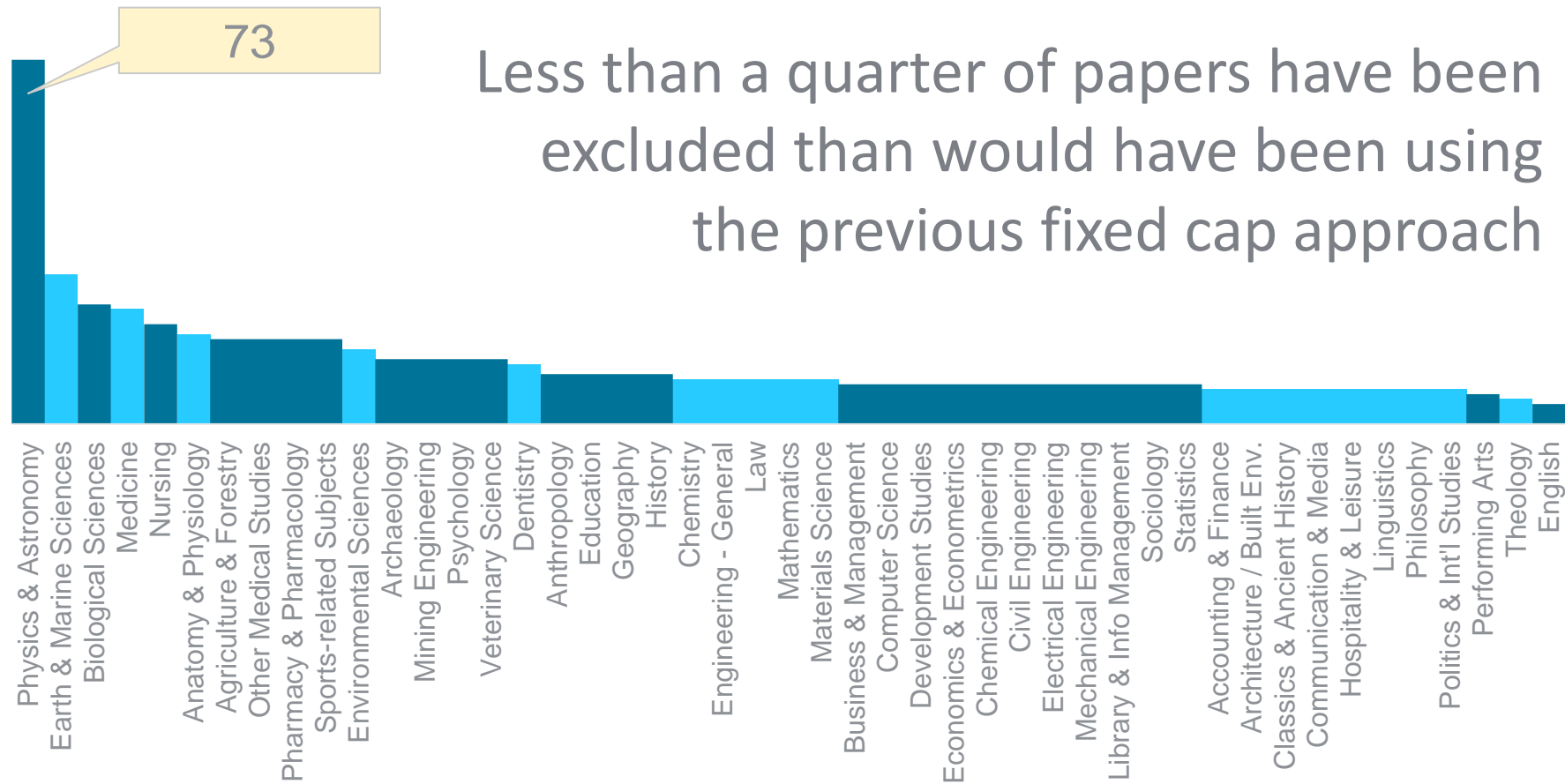
FURTHER  
STRENGTHENED  
SURVEY POLICY

5

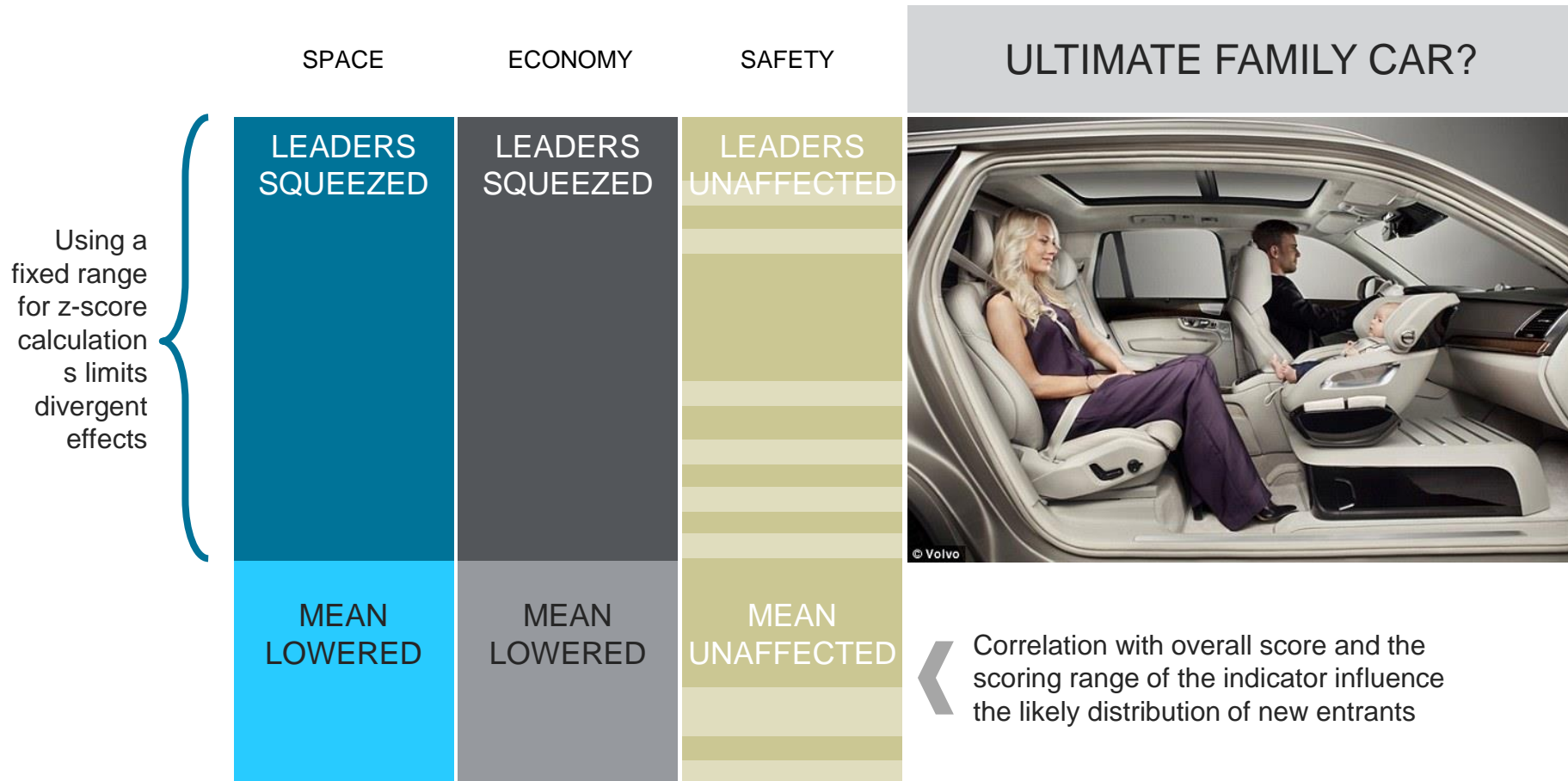
RESCHEDULED  
FACULTY AREA  
RANKINGS

WHAT'S NEW SINCE 2015?

## Variable Affiliation Cap



# Z-SCORE REFINEMENTS



# Scopus data for THE's WUR 2016-17



# Scopus includes content from more than 5,000 publishers and 105 different countries

**62M** records from **22K** serials, **90K** conferences and **120K** books

- Updated daily
- Records back to 1823
- “Articles in Press” from > 3,750 titles
- 40 different languages covered
- 3,715 active Gold Open Access journals indexed

## JOURNALS

**21,568** peer-reviewed journals  
**361** trade journals

- Full metadata, abstracts and cited references (ref's post-1995 only)
- Funding data from acknowledgements
- Citations back to 1970

## CONFERENCES

**90K** conference events  
**7.3M** conference papers

Mainly Engineering and Computer Sciences

## BOOKS

**531** book series  
**30K** Volumes /  
**1.2M** items

**119,882** stand-alone books  
**974K** items

Focus on Social Sciences and A&H

## PATENTS\*

**27M** patents

From 5 major patent offices  
 - WIPO  
 - EPO  
 - USPTO  
 - JPO  
 - UK IPO

Physical Sciences  
**7,443**

Health Sciences  
**6,795**

Social Sciences  
**8,086**

Life Sciences  
**4,492**

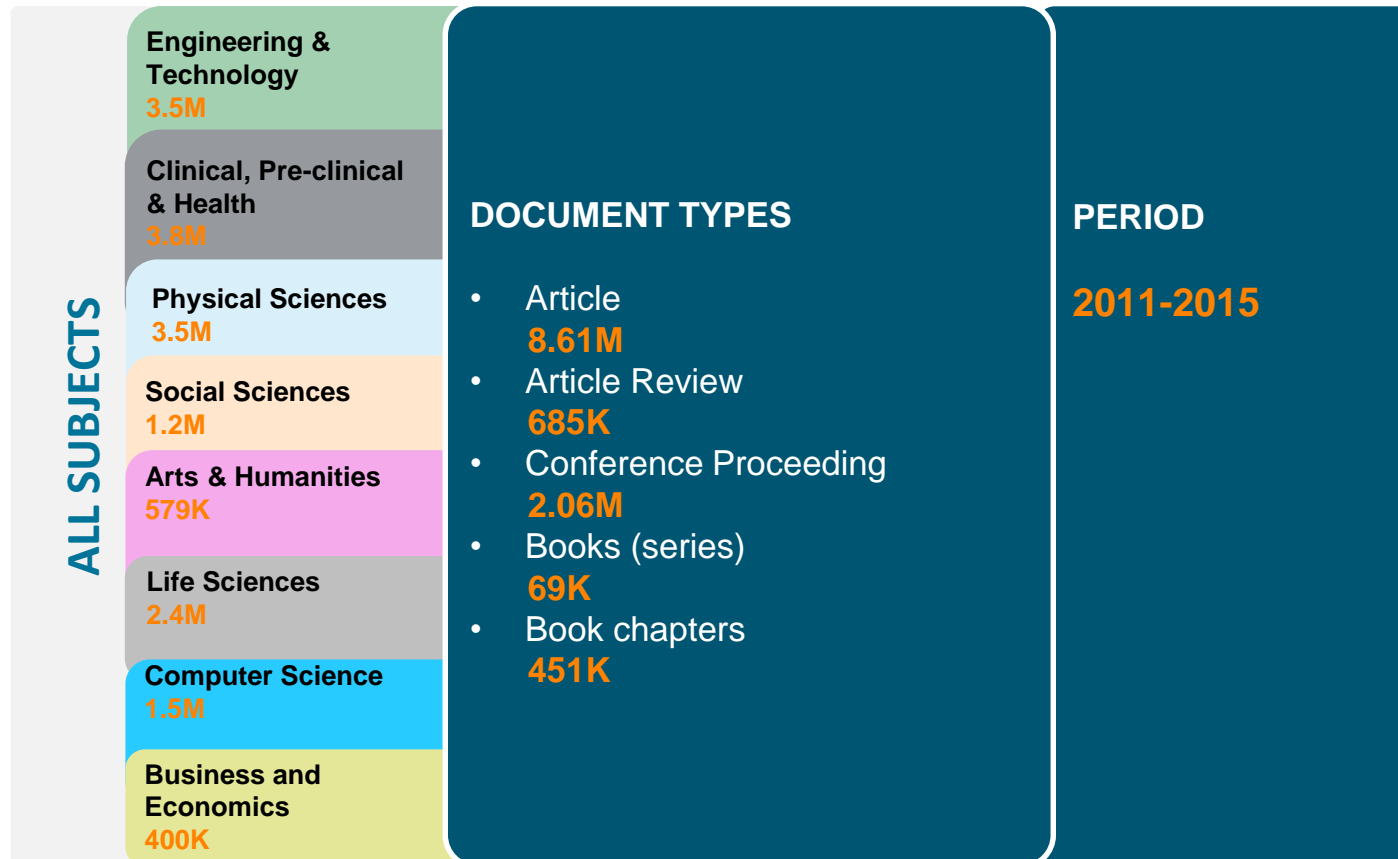
# The THE WUR 2016-17 Scopus Citation dataset

Scopus 2011-2015, Articles,  
Reviews, Conference Papers,  
Books and Book Chapters,  
suspended titles carved out,  
mapped to 8 THE WUR  
subjects

11,880,993

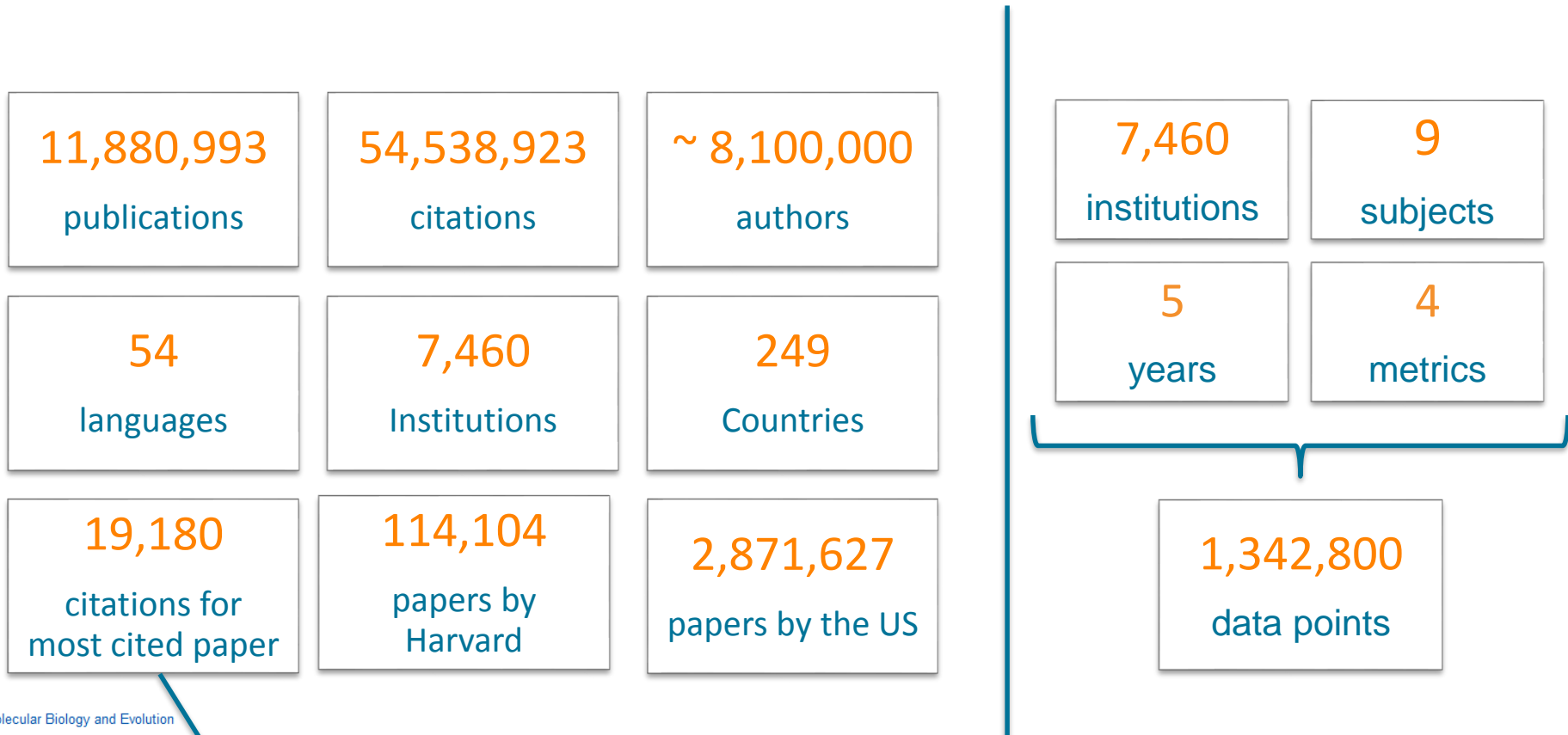


# The THE WUR 2016-17 Scopus dataset




Not included: 263,841 publications from 118 suspended titles

# WUR 2016-17 Scopus dataset – general statistics



Molecular Biology and Evolution  
Volume 28, Issue 10, October 2011, Pages 2731-2739

**MEGA5: Molecular evolutionary genetics analysis using maximum likelihood, evolutionary distance, and maximum parsimony methods** (Article)

Tamura, K.<sup>a</sup>, Peterson, D.<sup>b</sup>, Peterson, N.<sup>b</sup>, Stecher, G.<sup>b</sup>, Nei, M.<sup>c</sup>, Kumar, S.<sup>bd</sup> 

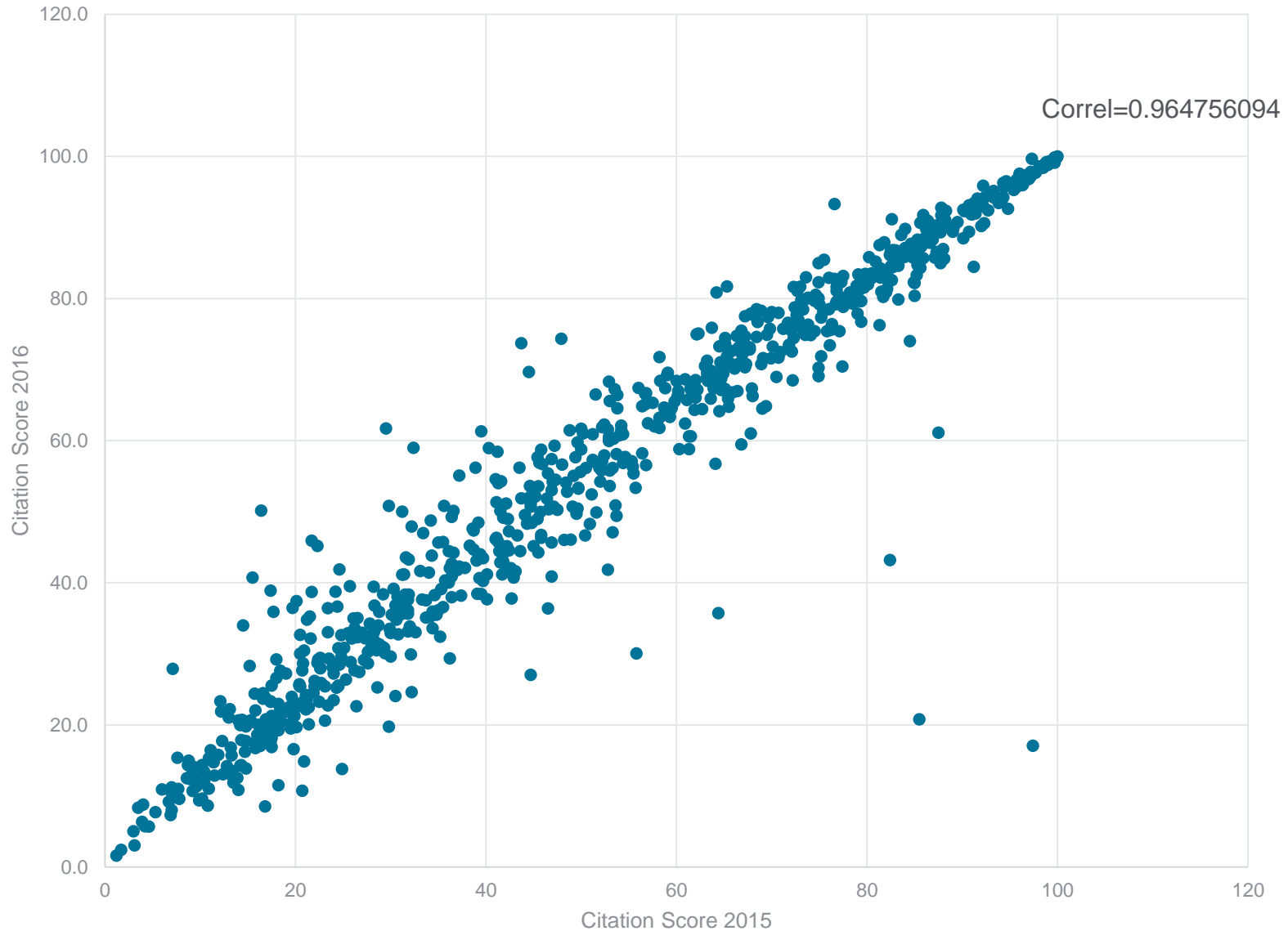
<sup>a</sup> Department of Biological Sciences, Tokyo Metropolitan University, Hachioji, Tokyo, Japan

<sup>b</sup> Center for Evolutionary Medicine and Informatics, Biodesign Institute, Arizona State University, United States

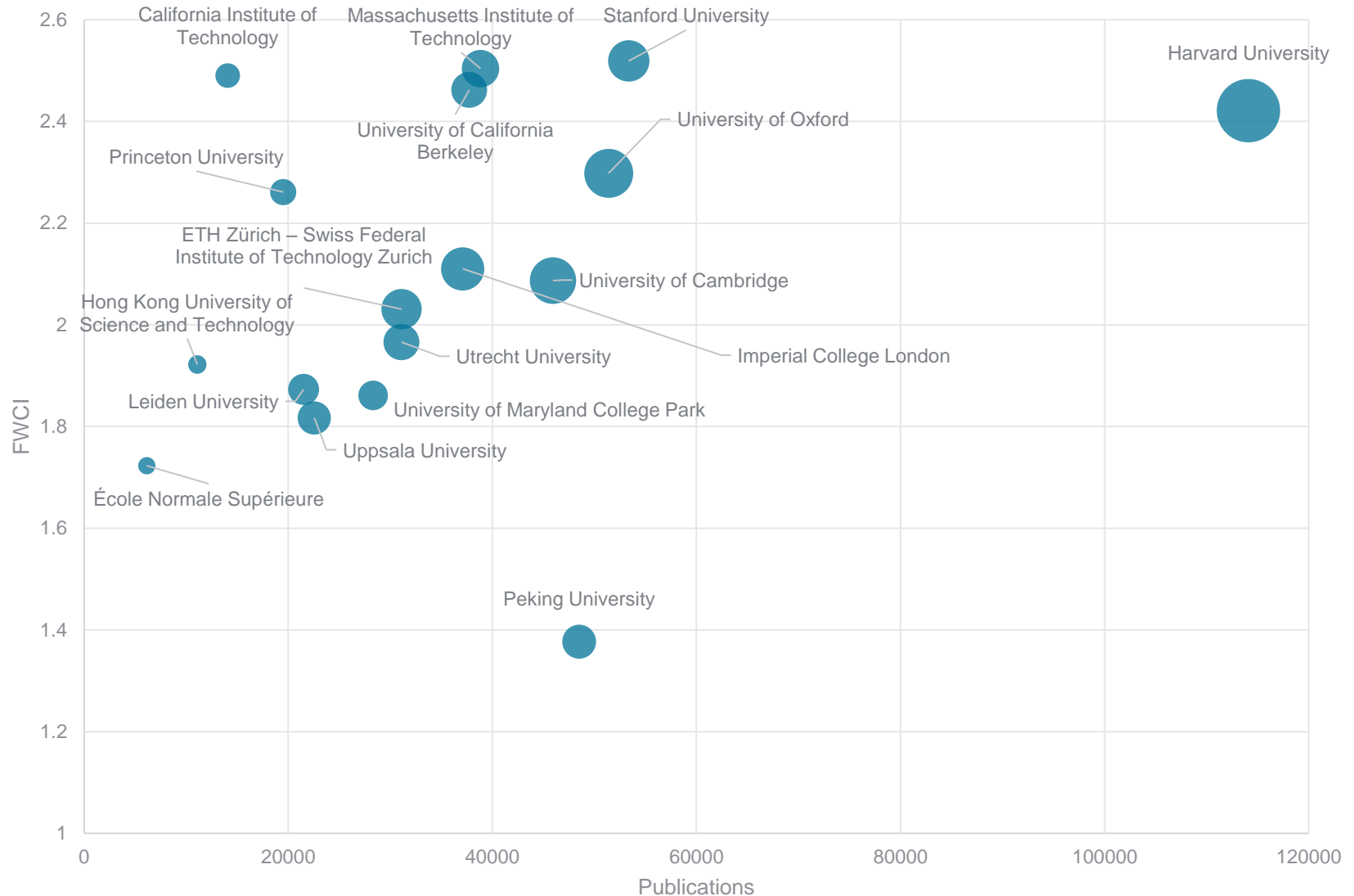
<sup>c</sup> Department of Biology, Institute of Molecular Evolutionary Genetics, Pennsylvania State University, United States

# Some analysis of the THE WUR 2016-17 results

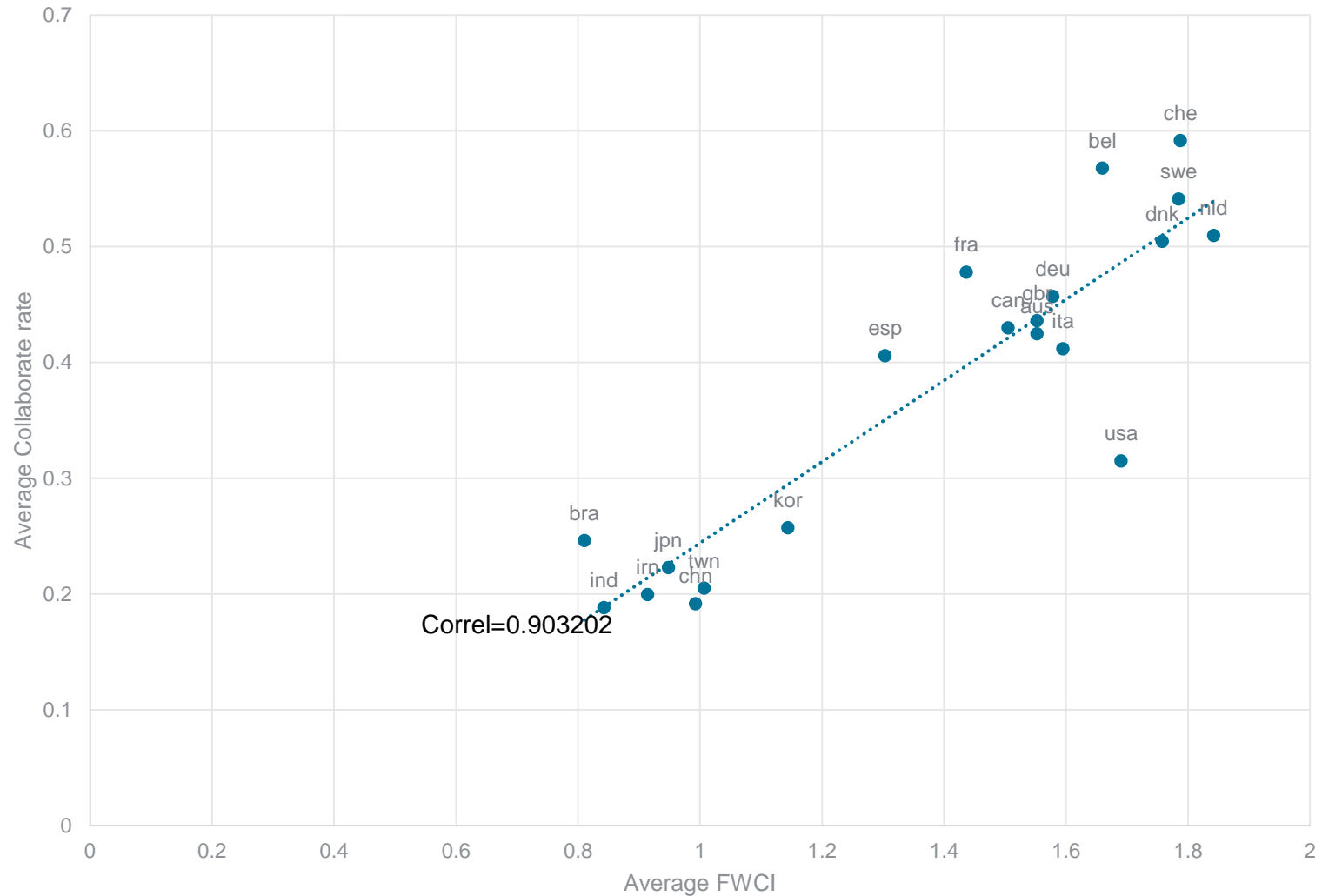
# Changes in Citation Score 2015 vs 2016



# Top 10 in overall ranking + top movers within top 100



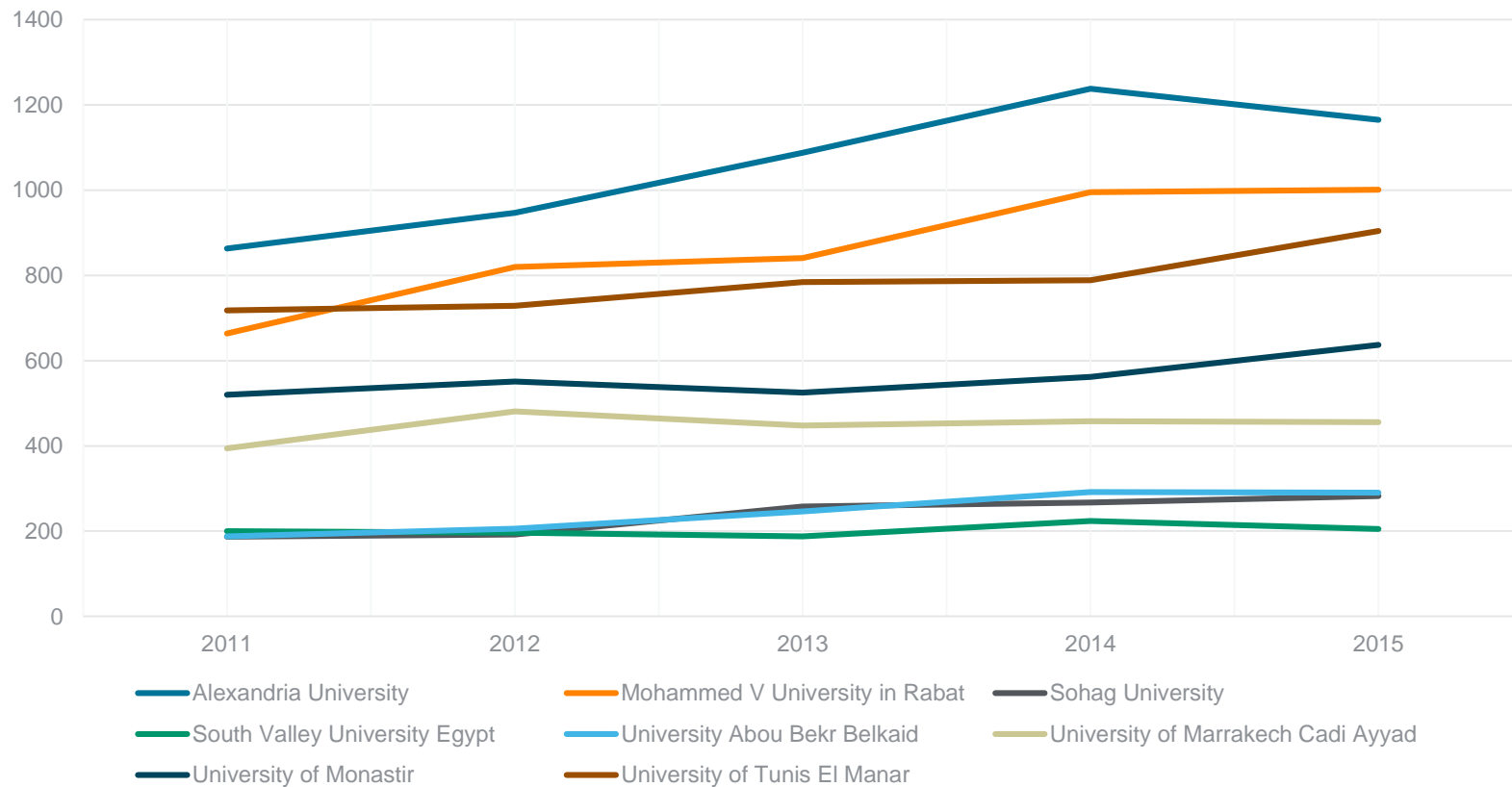
# FWCI vs. International Collaboration



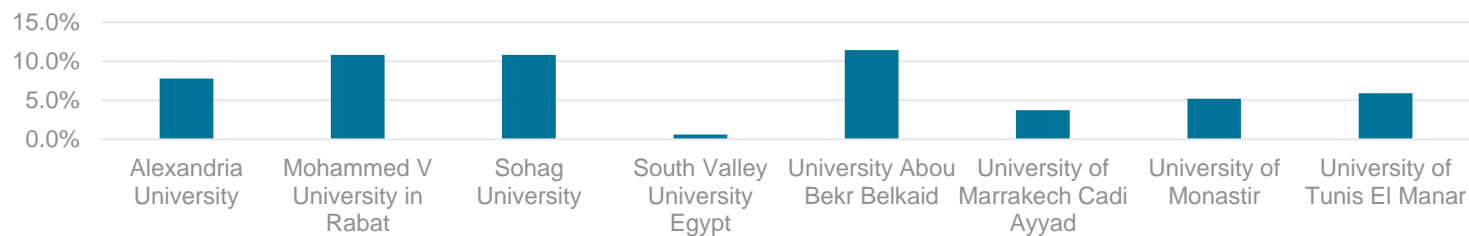


# Some analysis of the THE WUR 2016-17 results of the North African countries universities

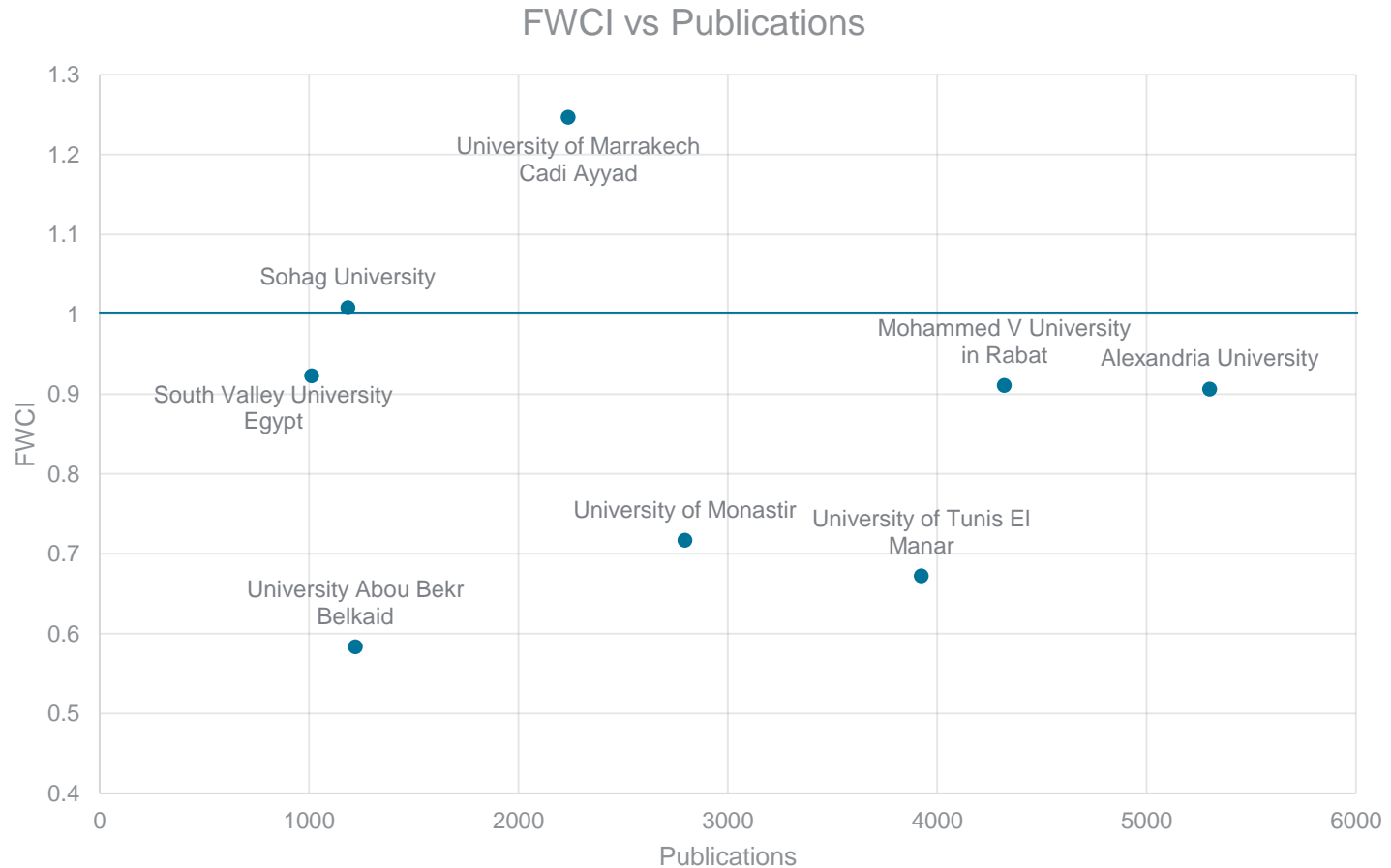
# Publication trend



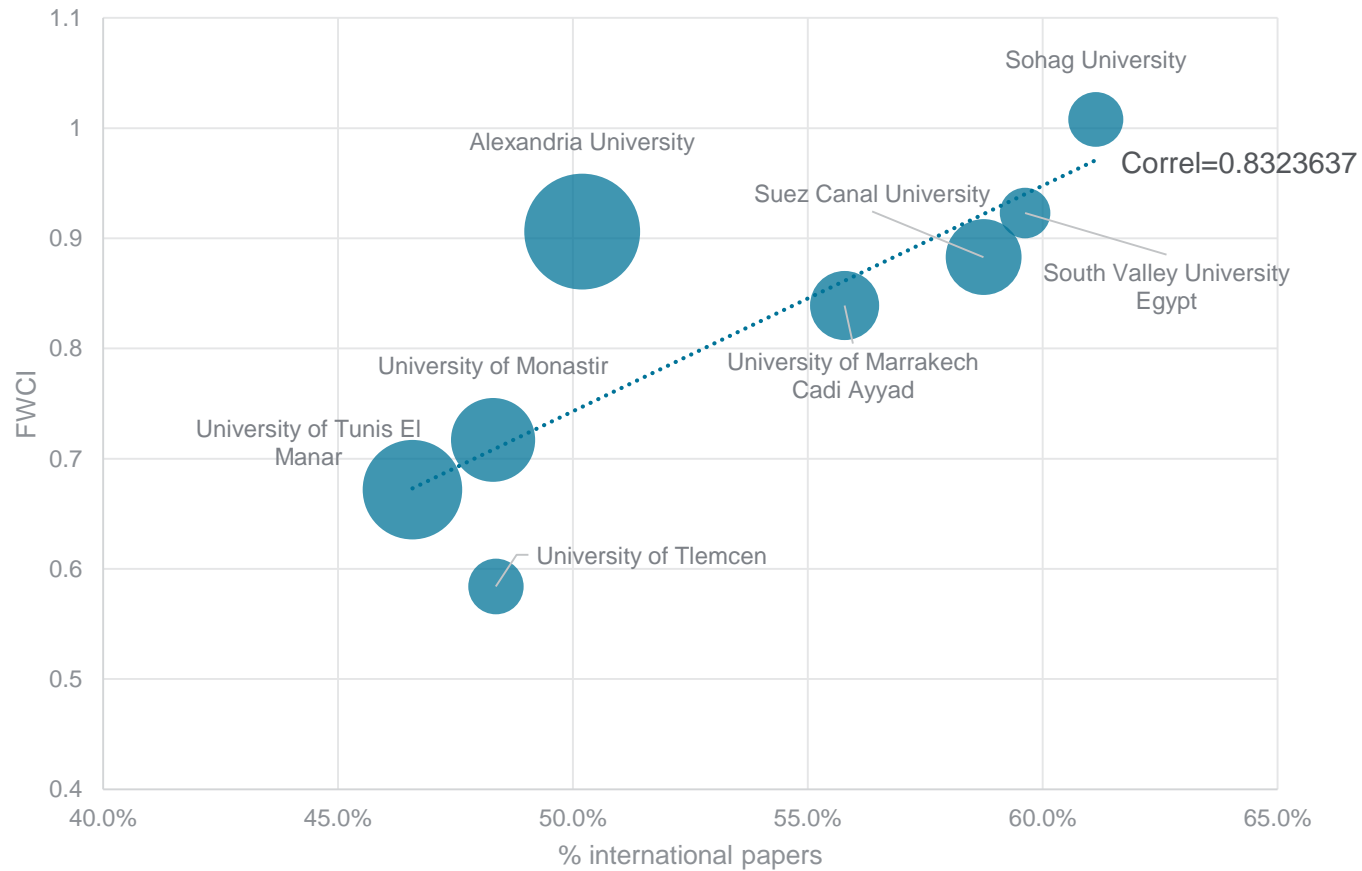
## CAGR 2011-2015



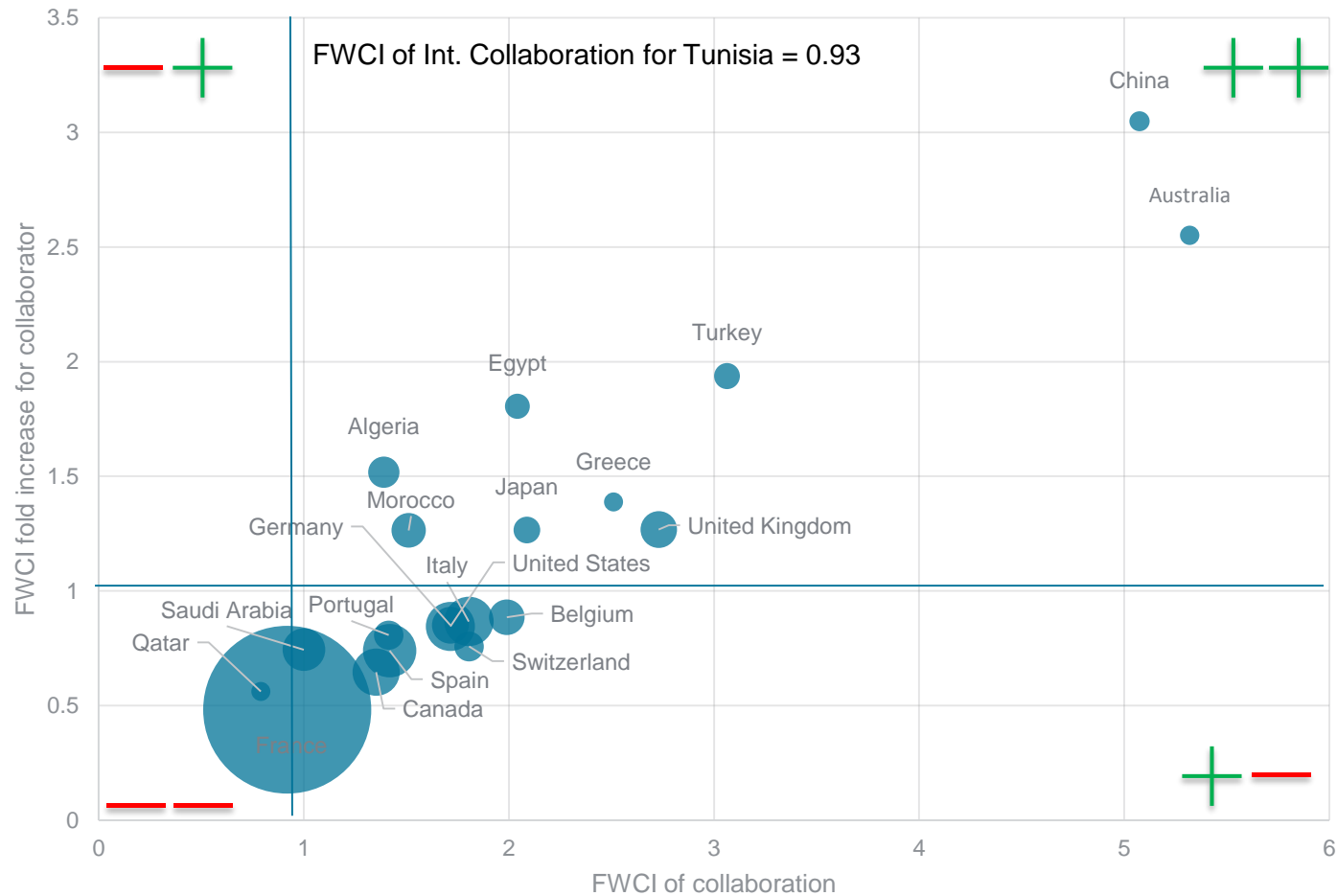
# Quantity vs Quality



# Correlation between International Collaboration and FWCI



## Collaboration partners of Tunisia – top 20





# Thank you

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