



Research performance assessment in Europe, an analysis of involved professionals

Giuse Ardita & Massimiliano Carloni

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Research Performance Assessment in Europe, an analysis of involved professionals

No researcher is immune from evaluation issues



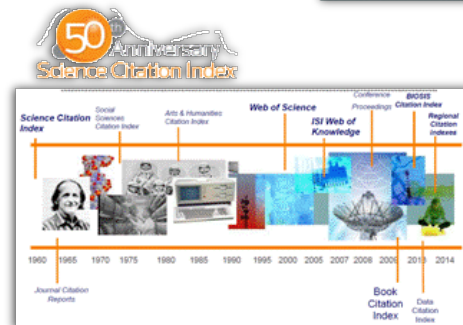
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Who are the authors of Research Evaluation studies?



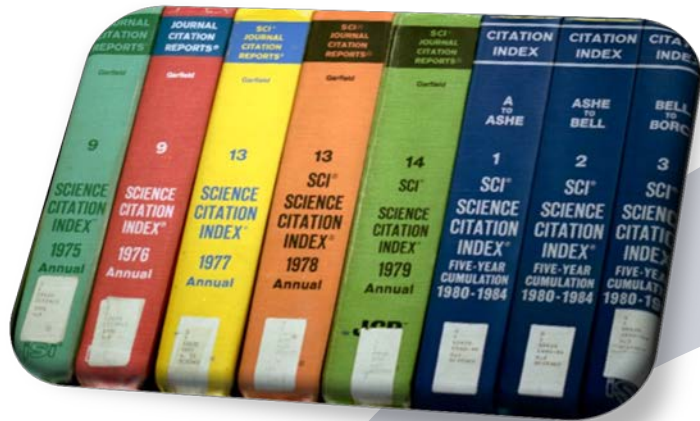
Methodology: using Web of Science Core Collection

- **High-quality content**; independent , publisher neutral, unbiased selection
- **62 million records**: the largest and most consistent citation database, with **1 billion cited references**, back to 1900, all searchable: True Citation Index !
- **Multidisciplinary**: Journals (12,800), Conferences (+170,000), and Books (+72,000) indexed in the main indexes.
- **Superior collection development**: cover-to-cover indexing, different level of metadata capture (i.e. affiliations data, funding data, keyword plus, etc..).



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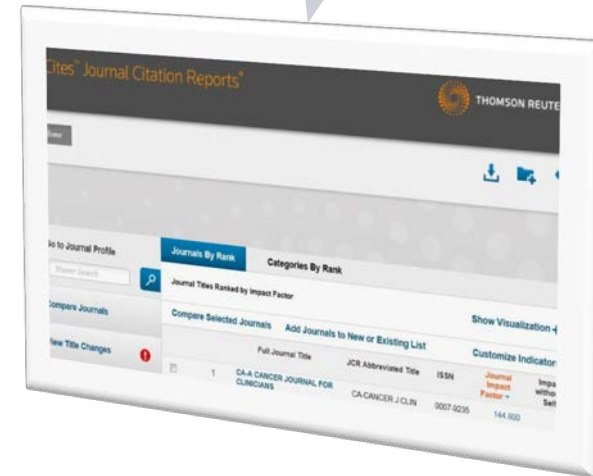
Methodology: years under analysis



○ **1975**
Official Launch of
Journal Citation Reports

○ **2005**
H-Index definition
by Joerg E.Hirsch

○ **2015**
New Metrics and
New JCR Platform



Methodology: keywords



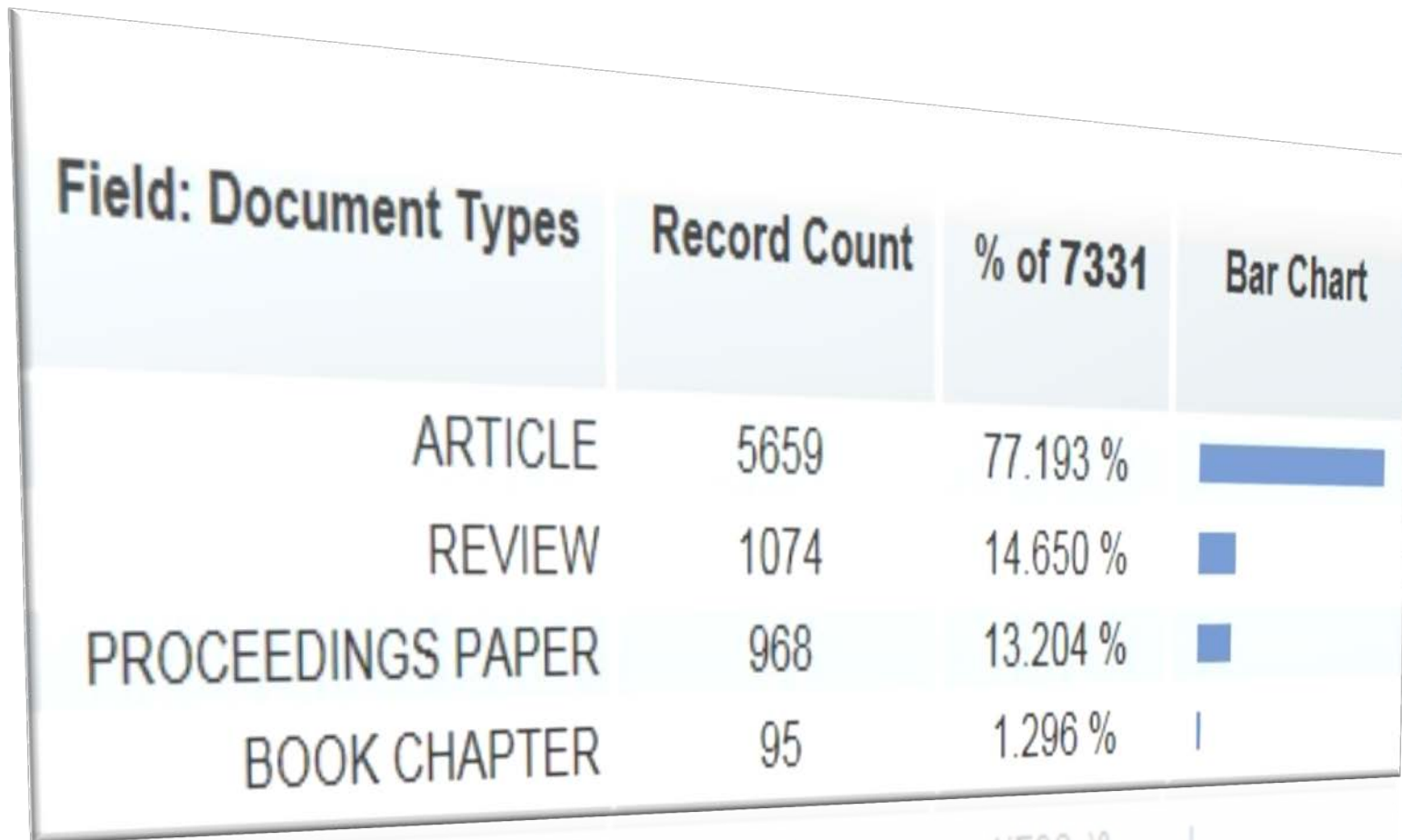
Methodology: countries



List of European Countries

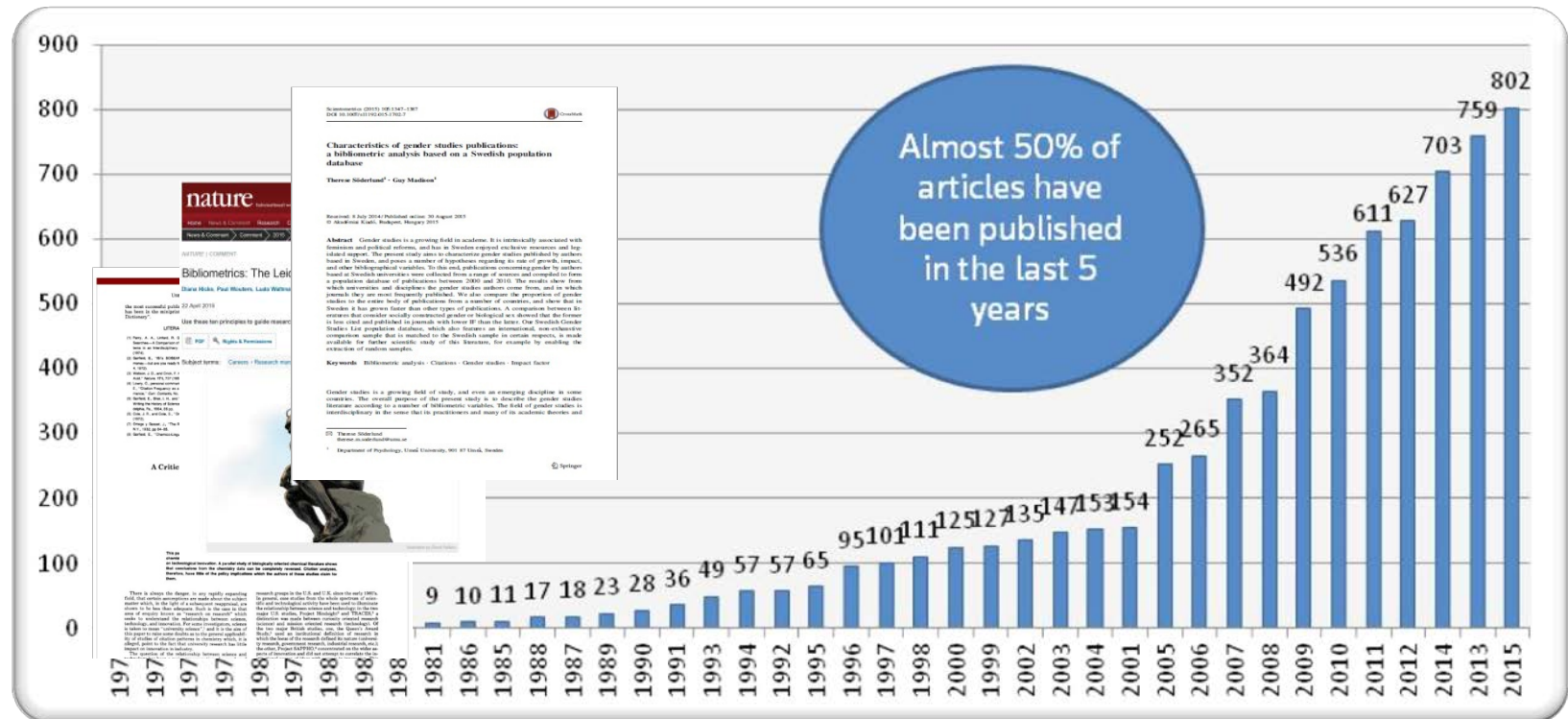
Belgium	Latvia
Bulgaria	Lithuania
Croatia	Luxembourg
Cyprus	Netherlands
Czech Republic	Norway
Denmark	Poland
Estonia	Portugal
Finland	Romania
France	Serbia
Germany	Slovakia
Greece	Slovenia
Hungary	Spain
Iceland	Sweden
Ireland	Switzerland
Italy	UK

Methodology: document types

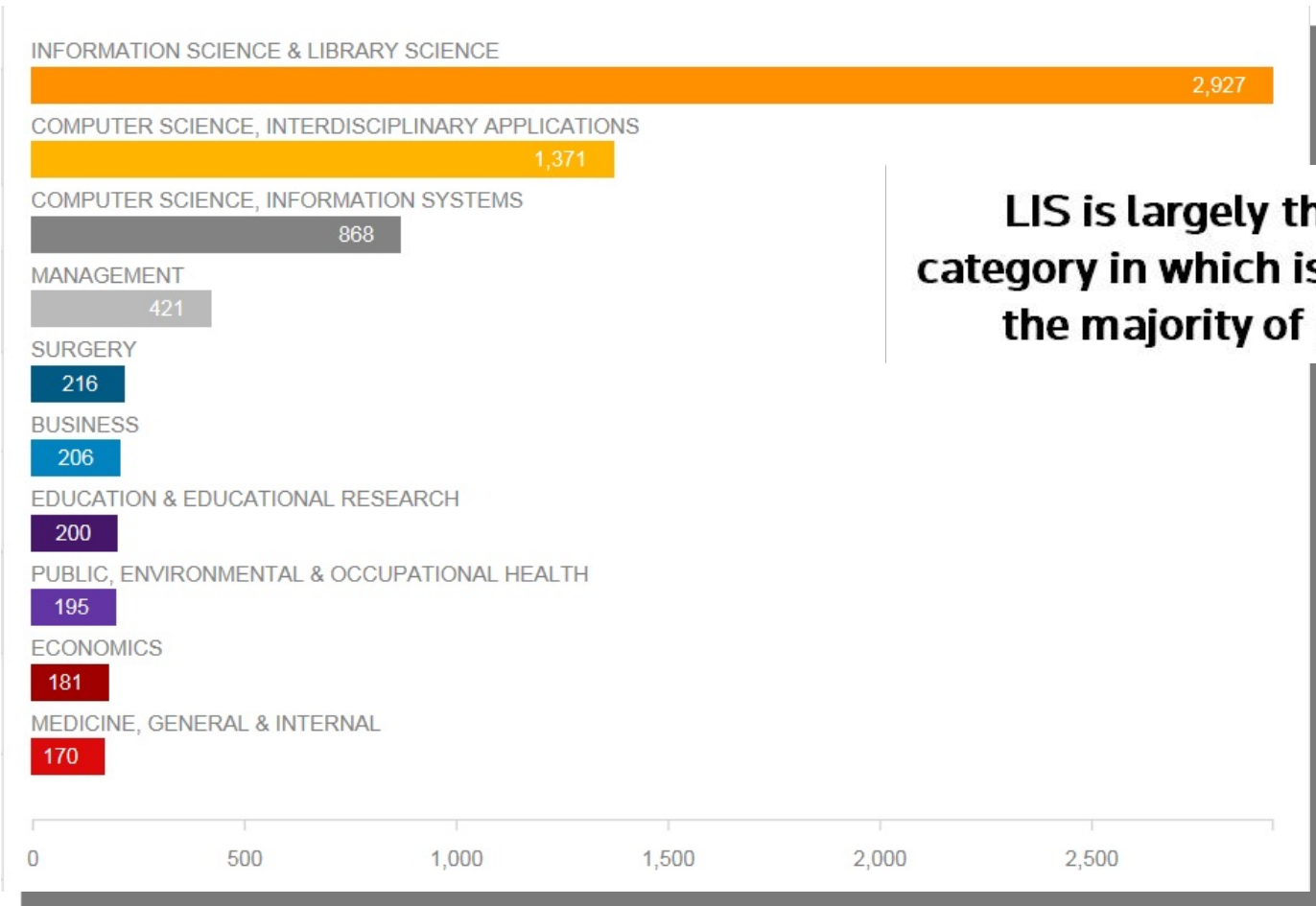


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Records Set Statistics: years



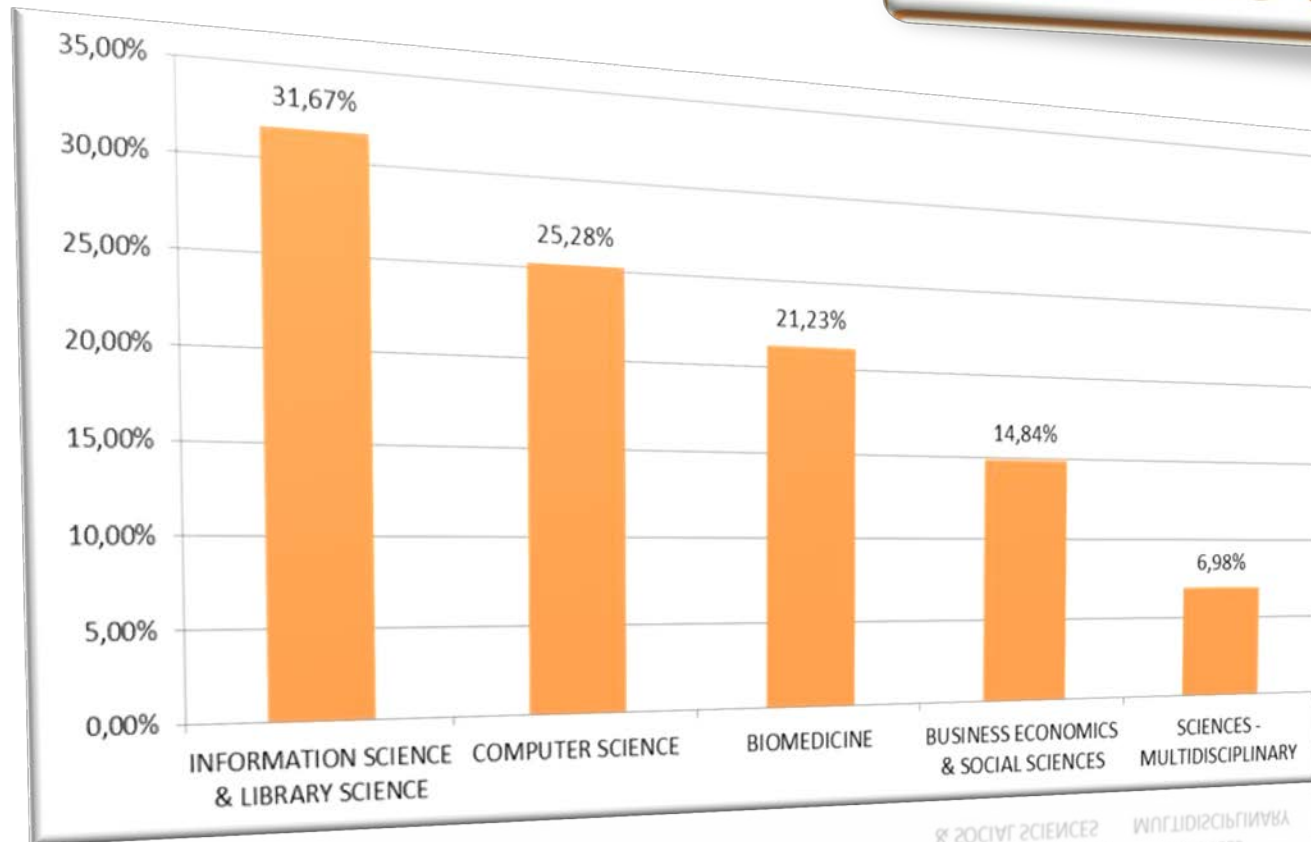
Records Set Statistics: WoS categories



LIS is largely the WoS category in which is published the majority of papers

Records Set Statistics: macro areas

**Over 43% of items
out of LIS areas**



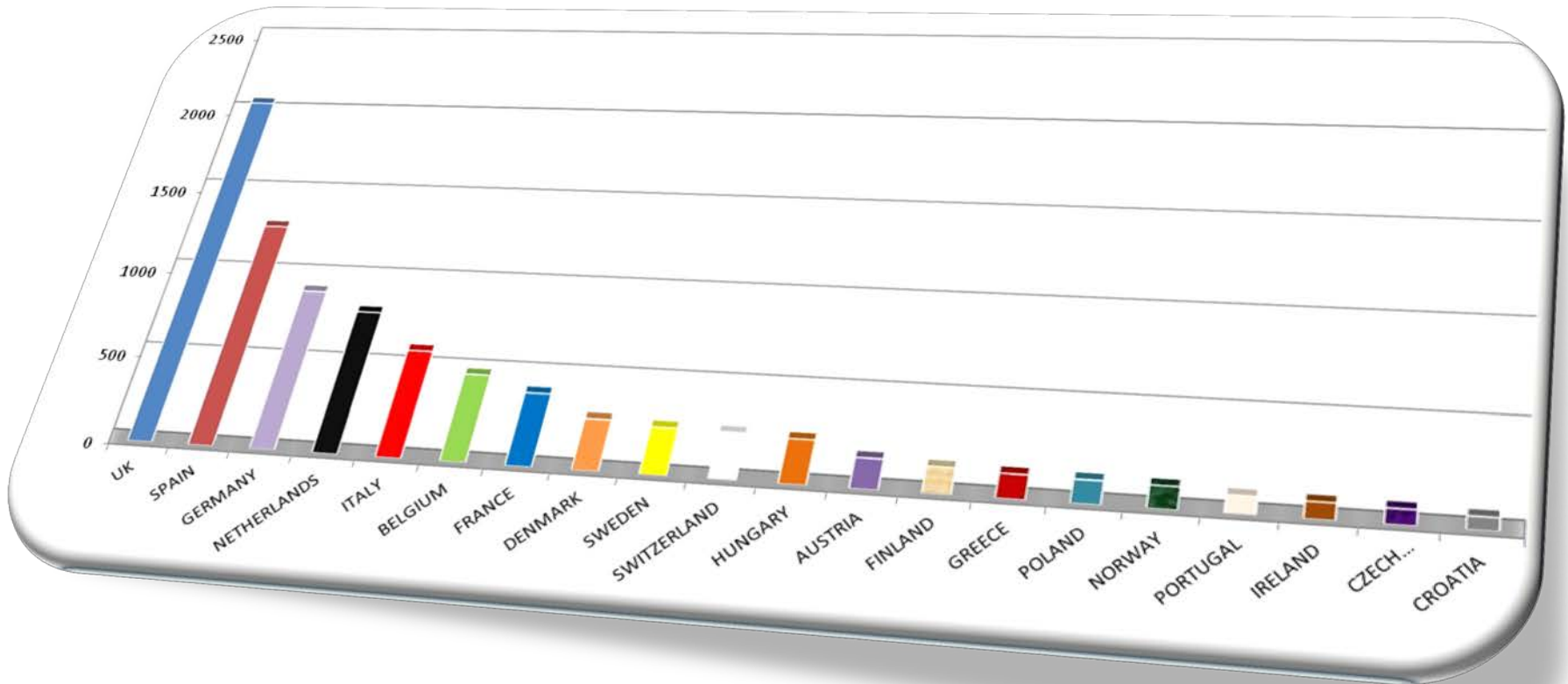
Records Set Statistics: top 25 journals by publications



Source Titles	%
SCIENTOMETRICS	18.245
COCHRANE DATABASE OF SYSTEMATIC REVIEWS	6.330
JOURNAL OF INFORMETRICS	4.290
JOURNAL OF THE AMERICAN SOCIETY FOR INFORMATION SCIENCE AND TECHNOLOGY	3.590
RESEARCH EVALUATION	2.026
RESEARCH POLICY	1.534
PLOS ONE	1.430
REVISTA ESPANOLA DE DOCUMENTACION CIENTIFICA	1.102
JOURNAL OF INFORMATION SCIENCE	1.043
JOURNAL OF DOCUMENTATION	0.953
HEALTH TECHNOLOGY ASSESSMENT	0.938
INFORMATION PROCESSING MANAGEMENT	0.864
JOURNAL OF THE ASSOCIATION FOR INFORMATION SCIENCE AND TECHNOLOGY	0.789
PROFESIONAL DE LA INFORMACION	0.670
HAEMATOLOGICA	0.670
BRITISH MEDICAL JOURNAL	0.596
JOURNAL OF THE AMERICAN SOCIETY FOR INFORMATION SCIENCE	0.521
ASLIB PROCEEDINGS	0.506
MEDICINA CLINICA	0.402
TECHNOLOGICAL FORECASTING AND SOCIAL CHANGE	0.357
PSICOTHEMA	0.343
HIGHER EDUCATION	0.343
INFORMATION RESEARCH AN INTERNATIONAL ELECTRONIC JOURNAL	0.313
BMJ OPEN	0.298
ONLINE INFORMATION REVIEW	0.253

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Records Set Statistics: top countries by publications

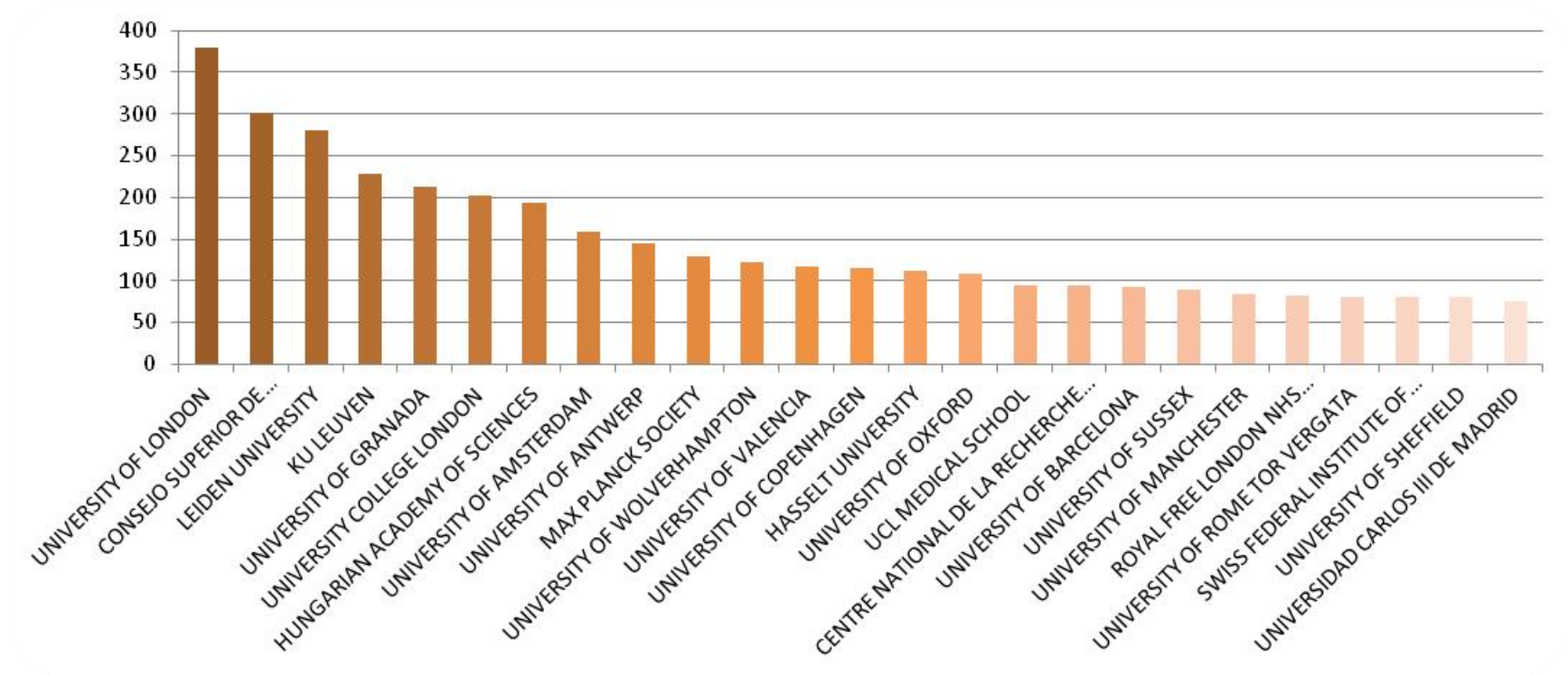


Records Set Results: most productive countries

Country	Percentage of papers per any research staff people
NETHERLANDS	0,23%
BELGIUM	0,21%
SPAIN	0,19%
HUNGARY	0,18%
UK	0,17%
DENMARK	0,16%
SWEDEN	0,10%
ITALY	0,07%
GERMANY	0,05%
FRANCE	0,03%

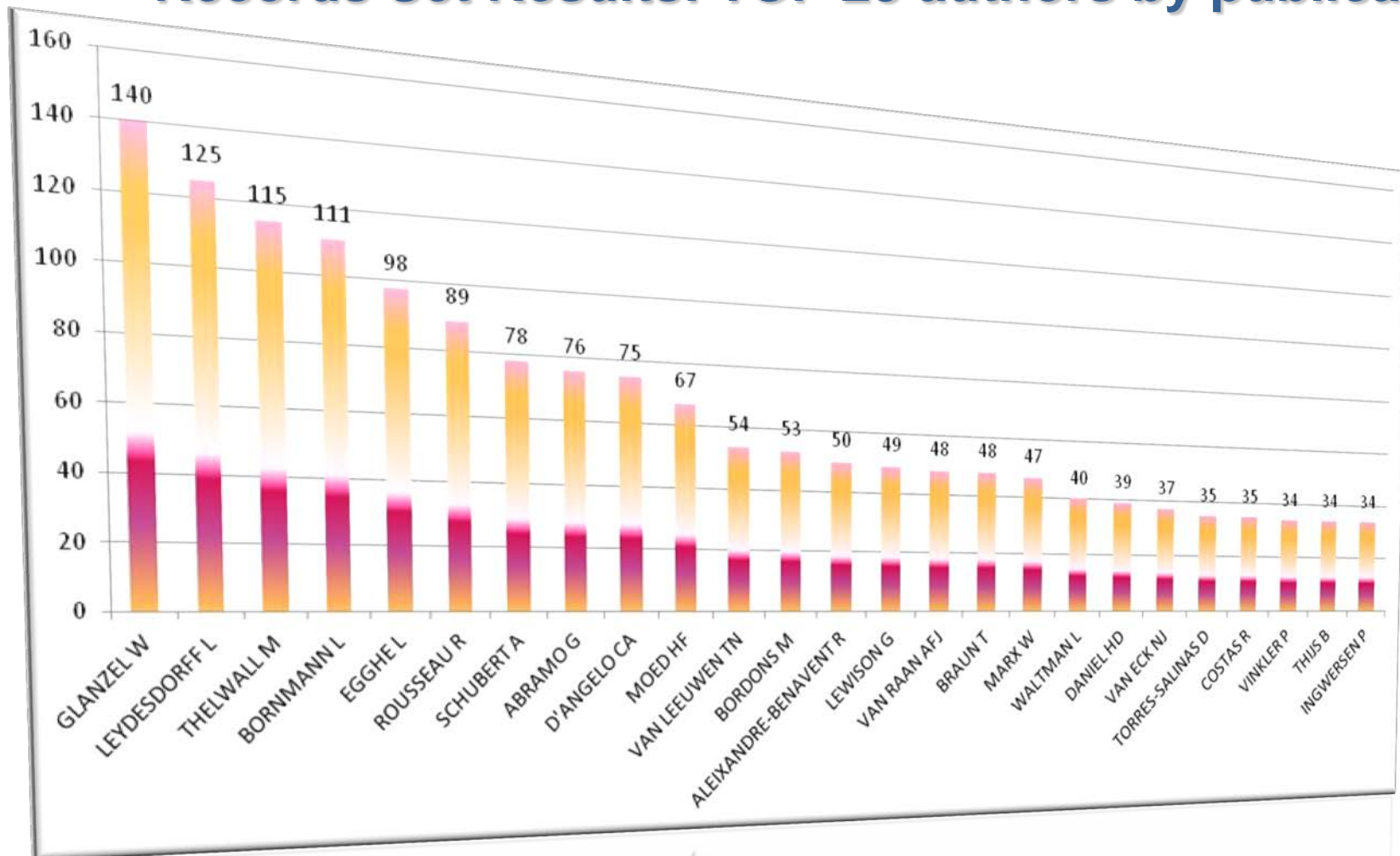


Records Set Results: top institutions by publications



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Records Set Results: TOP 25 authors by publications



Research Performance Assessment in Europe, an analysis of involved professionals

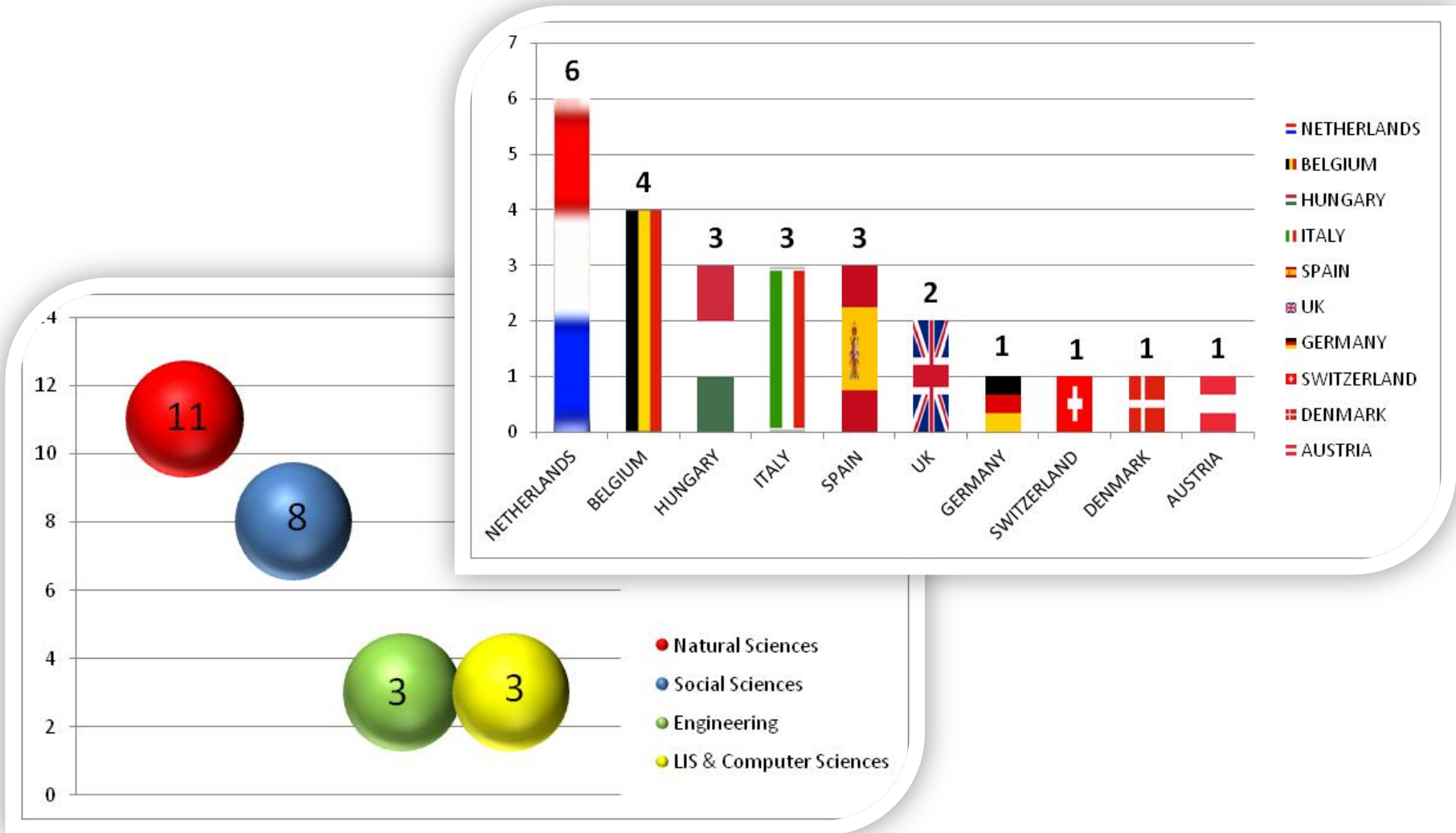
Records Set Results: TOP 25 “LIS” authors by publications

Glanzel, Wolfgang
Thelwall, Mike
Leydesdorff, Loet
Egghe, Leo
Bornmann, Lutz
Rousseau, Ronald
Schubert, Andras
Abramo Giovanni
D'angelo Ciriaco Andrea
Moed Henk
Thed van Leeuwen
Bordons, Maria
Braun, Tibor
Van Raan, Anthony F.J.
Waltman, Ludo
Hans-Dieter Daniel
Vinkler, Peter
Van Eck, Nees Jan
Torres-Salinas, Daniel
Thijs, Bart
Costas Comesaña, Rodrigo
Ingwersen, Peter
Lewison, Grant
De Moya, Félix Anegon
Gorraiz, Juan

Out of the deck



Records Set Results: TOP 25 “LIS” authors by countries & areas



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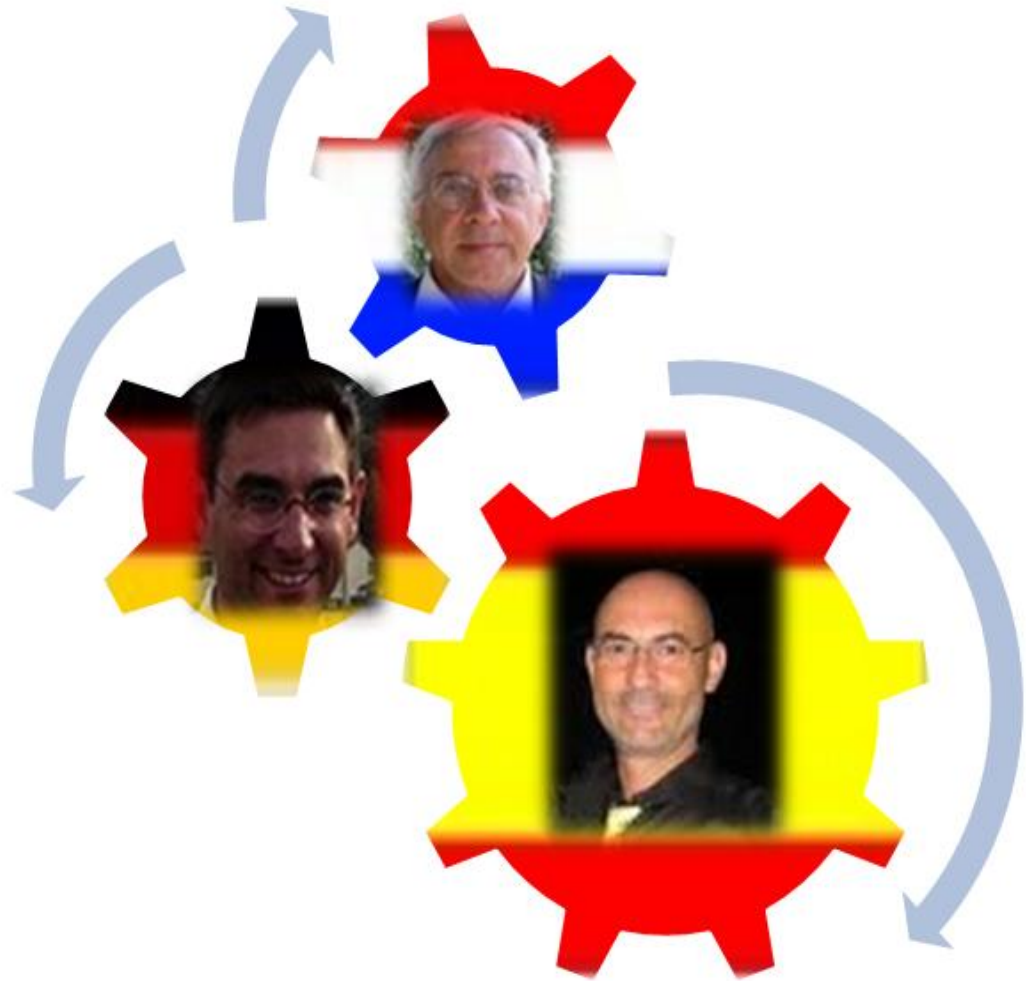
Records Set Results: TOP 10 “LIS” authors by citations

Author	Affiliation	Category Normalized Citation Impact	H-INDEX*
Ludo Waltman	CWTS	5,21	17
Nees Jan van Eck	CWTS	4,83	16
Rodrigo Costas Comesaña	CWTS	4,11	12
Anthony F.J. van Raan	CWTS	3,89	23
Moed Henk	University of Rome I ??	3,87	29
Leydesdorff, Loet	University of Amsterdam	3,73	34
Bornmann, Lutz	Max Planck	3,44	22
Thelwall, Mike	University of Wolverhampton	3,15	25
Hans-Dieter Daniel	ETH Zurich	3,03	15



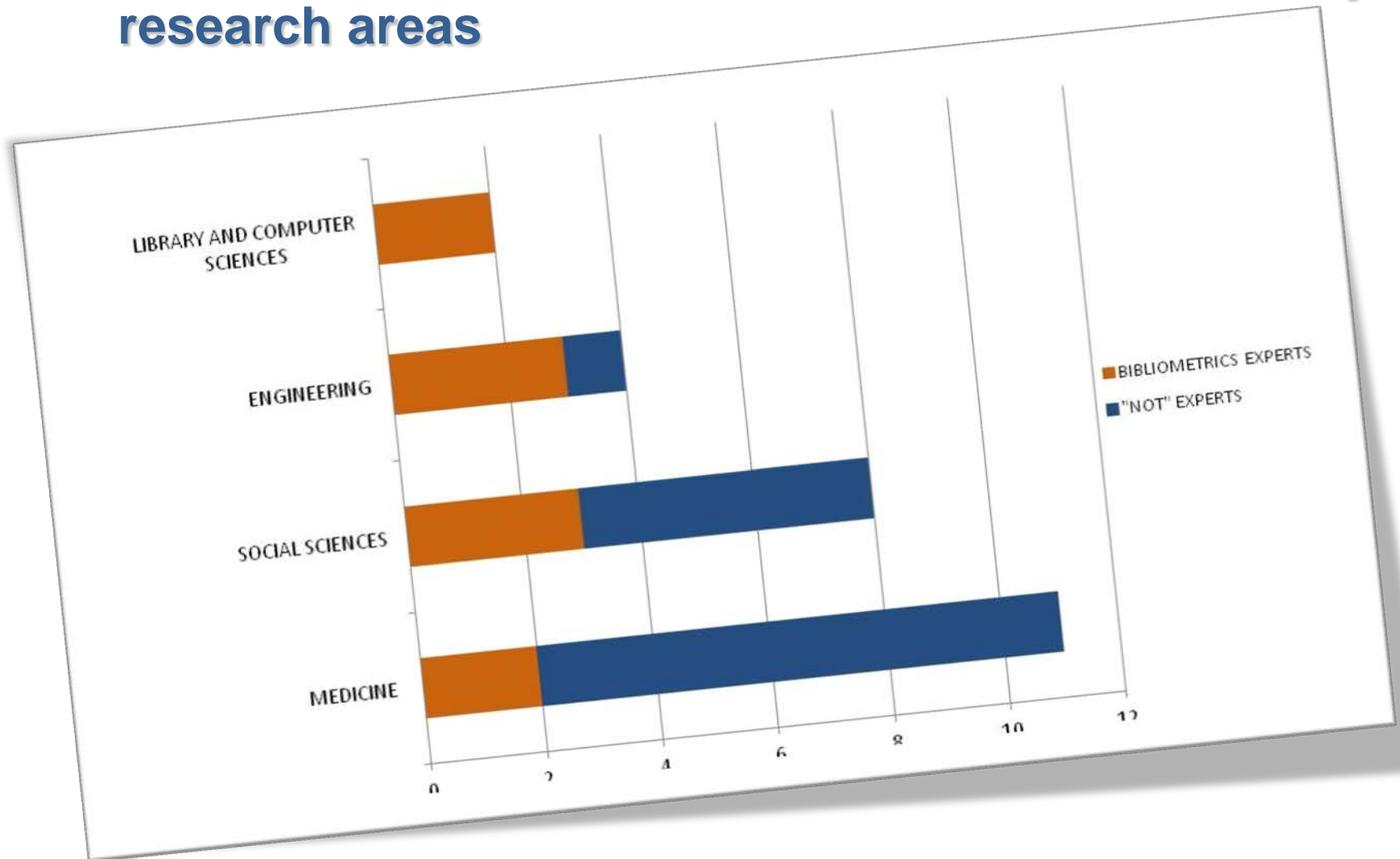
Records Set Results: TOP 25 “NOT LIS” authors by publications

Aleixandre-Benavent, Rafael
David Alexander Groneberg
Leydesdorff, Loet
Falagas, Matthew E
Buela-Casal, Gualberto
Scutaru, Cristian
Marx, Werner
Gonzalez-Alcaide, Gregorio
Quarcoo, David
Krampen, Guenter
Lewison, Grant
Quevedo-Blasco, Raul
Valderrama Zurian, Juan Carlos*
Bornmann, Lutz
Ugolini, Donatella
Rojas-Sola, Jose Ignacio
Manuel Ramos, Jose
Fraser, Cynthia
Alonso-Arroyo, Adolfo
Roberts, Ian
Klingelhoef, Doris
D'angelo Ciriaco Andrea
Elmar Brähler
Abramo Giovanni
Schui, Gabriel

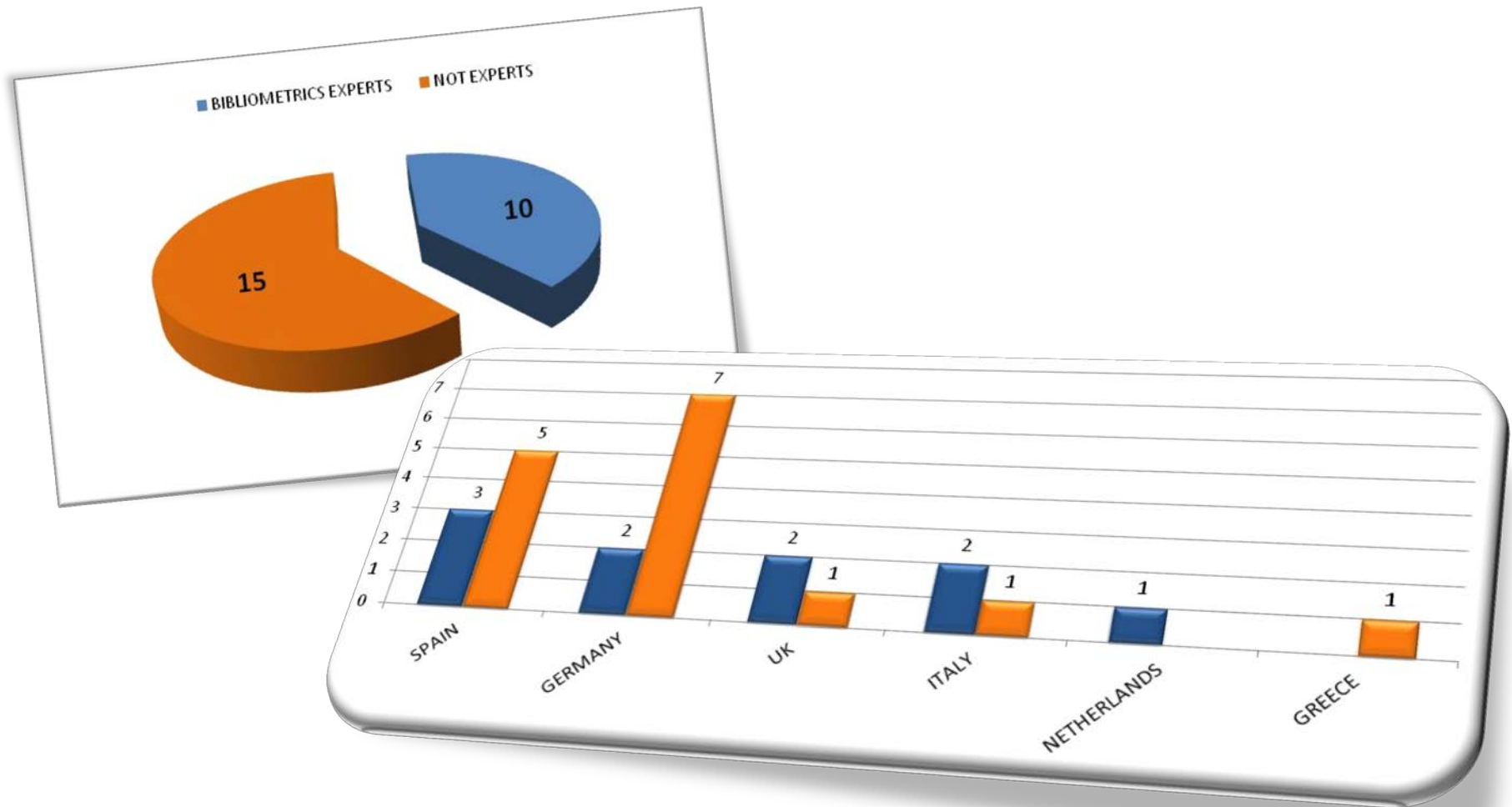


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Records Set Results: TOP 25 “NOT LIS” authors by research areas



Records Set Results: TOP 25 “NOT LIS” authors by countries and expertise in bibliometrics



Research Performance Assessment in Europe, an analysis of involved professionals **Librarian or not Librarian?**

Do we need a bibliometrician to know which way the wind is blowing?

Bryan F. Meyers, MD, MPH

From the Division of Cardiothoracic Surgery, Department of Surgery, Washington University in Saint Louis, Saint Louis, Mo.

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Address for reprints: Bryan F. Meyers, MD, MPH, Washington University School of Medicine, Barnes Jewish Hospital, One Barnes-Jewish Hospital Plaza, Suite 3108 Queeny Tower, St Louis, MO 63110-1013 (E-mail: meyersb@wustl.edu).

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Librarians can put pieces together





Colossal statue of Costantine- right hand
313-324 AD

Thanks!

Questions?

giuse.ardita@iss.it

massimiliano.carloni@thomsonreuters.com