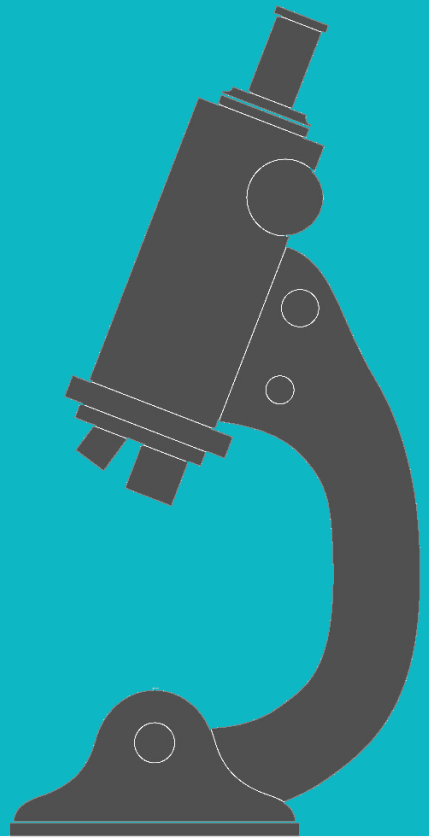
RESEARCH ON RESEARCH INTEGRITY: PUBLISHING PATTERNS, TRENDS, AND IMPACT



Noémie Aubert Bonn and Prof. dr. Wim Pinxten
UHASSELT Hasselt University, Belgium

5th WCRI
31 May 2017

Make

RESEARCH

great again!

research^3

QUESTION

How is research on research integrity performed and published in the scientific literature?

What you study

How you study it

How you disseminate it

~~How well you do it~~

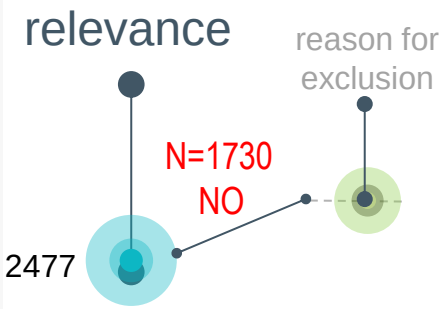
METHODS

- SCOPUS search
- Included results published between 2005–2015 in English
- Only included results classified as ‘Articles’ by SCOPUS

research … misconduct
research … integrity
academic … misconduct
academic … integrity
responsible … research
scientific misconduct
scientific integrity

(TITLE-ABS-KEY ((**academic OR research***) W/4 (**misconduct OR integrity**)) OR TITLE-ABS-KEY ((**responsible W/2 research**)) OR KEY("**Scientific misconduct**") OR KEY ("**Scientific integrity**")) AND PUBYEAR > **2004** AND PUBYEAR < **2016**

CLASSIFICATION PROCESS



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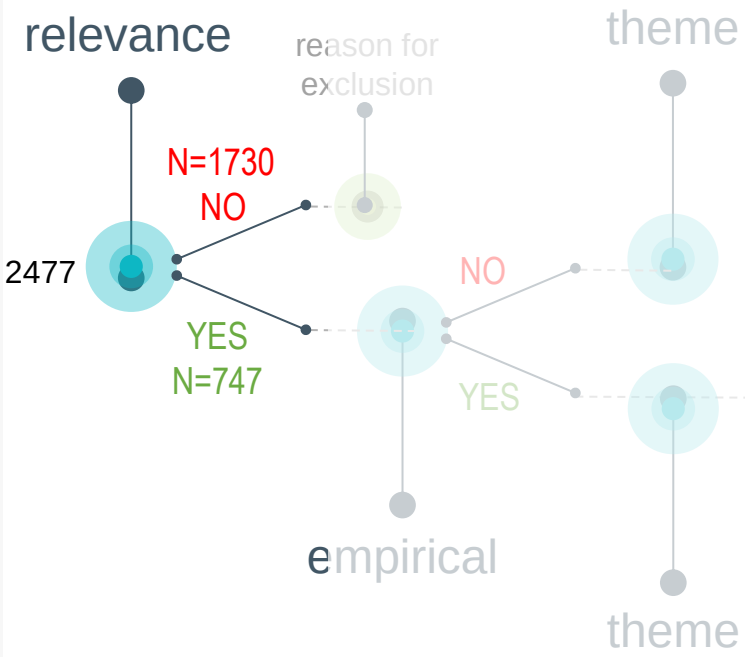
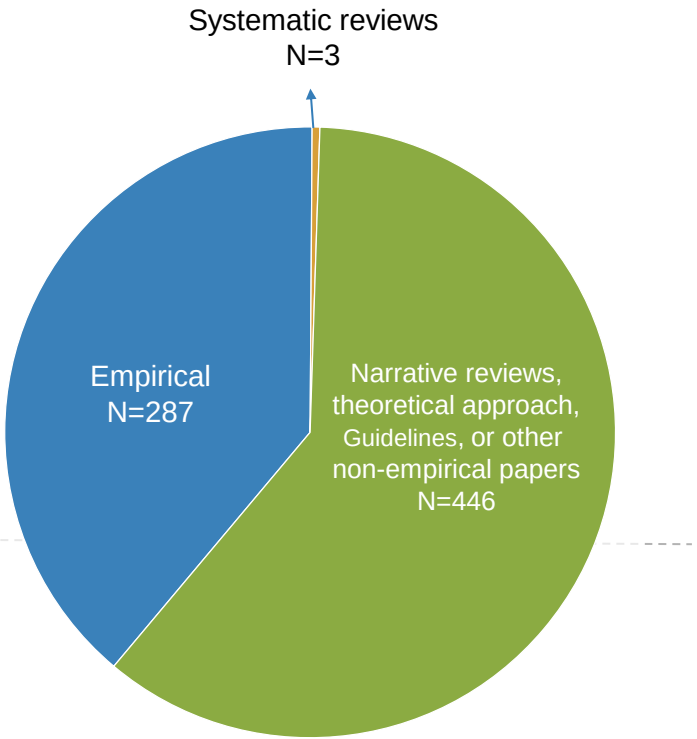
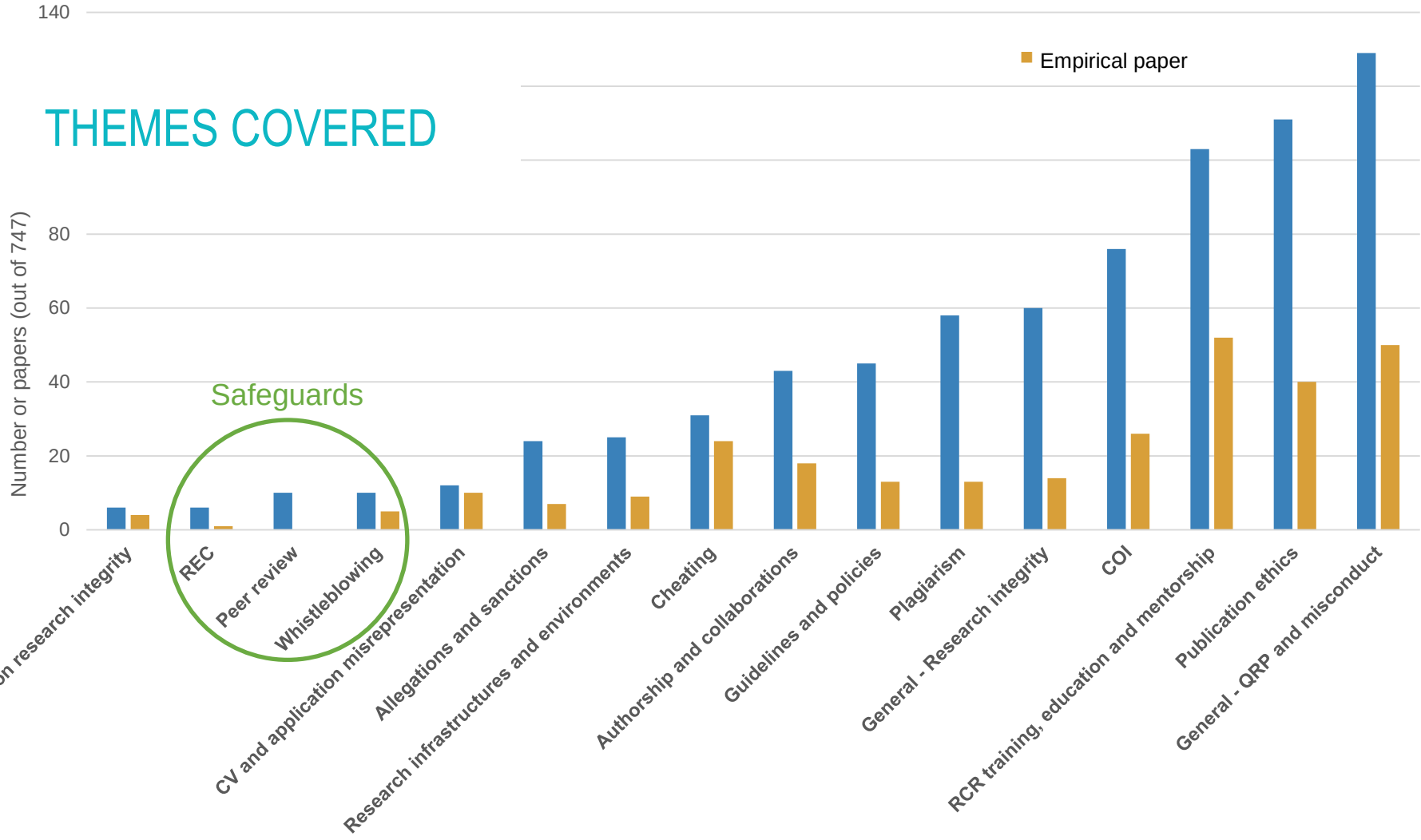




THEMES COVERED



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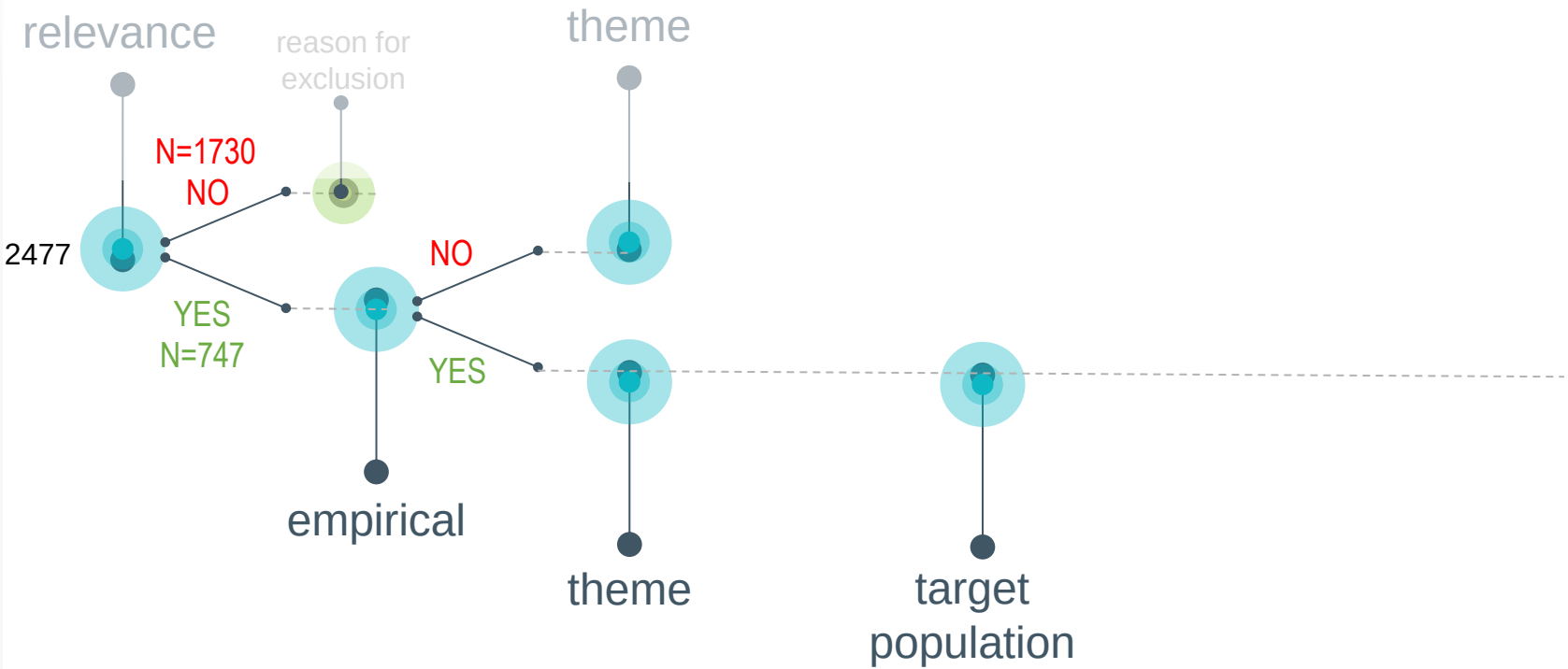
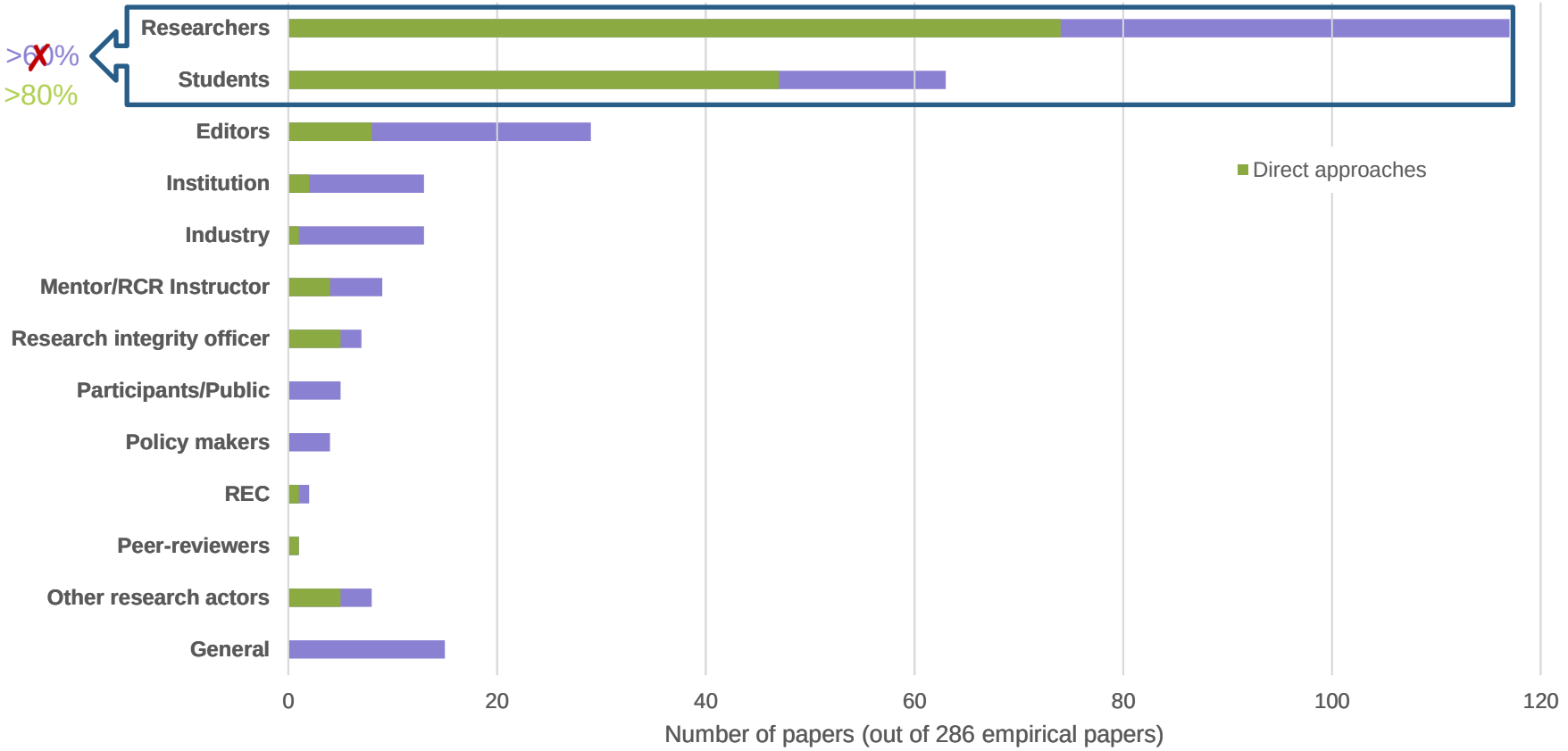
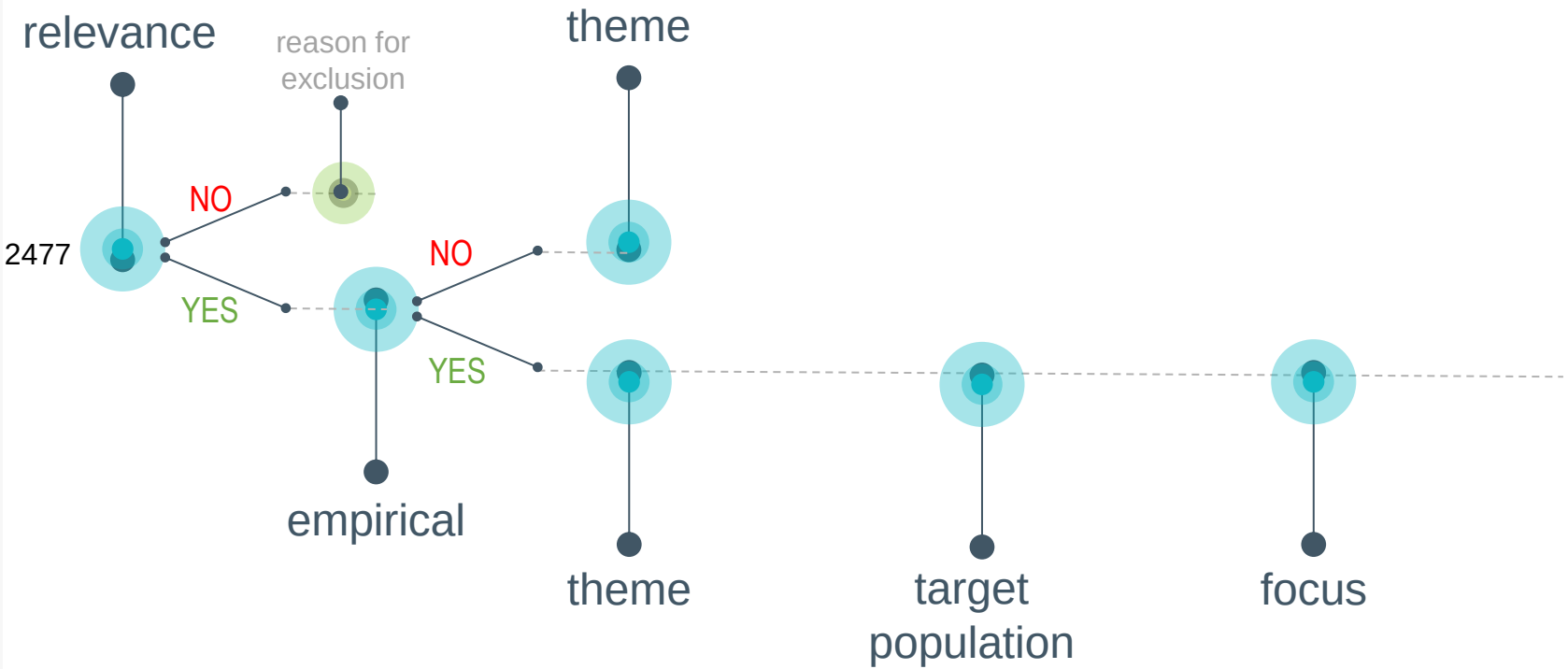


TARGET POPULATION (empirical papers)

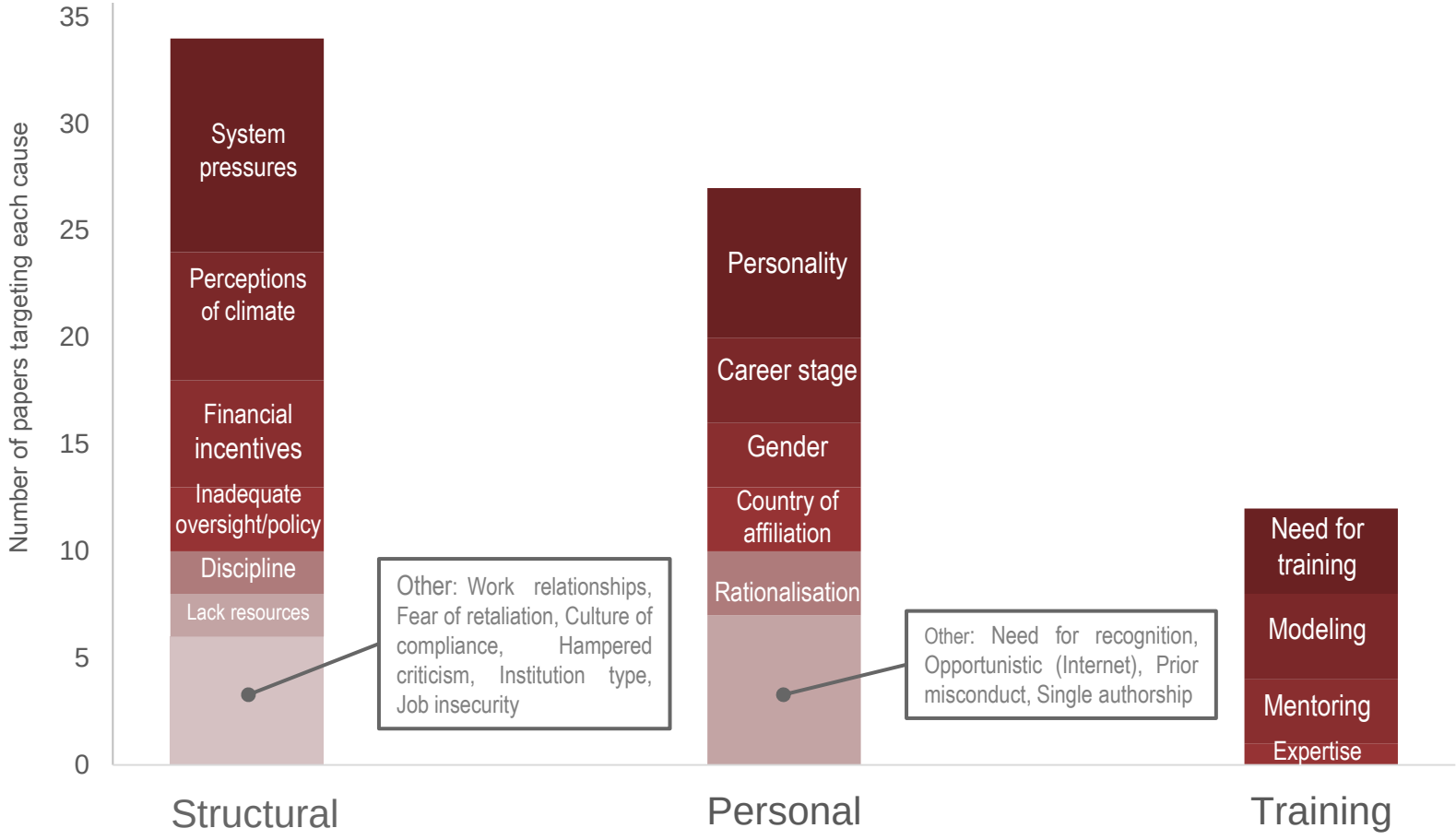


CLASSIFICATION PROCESS

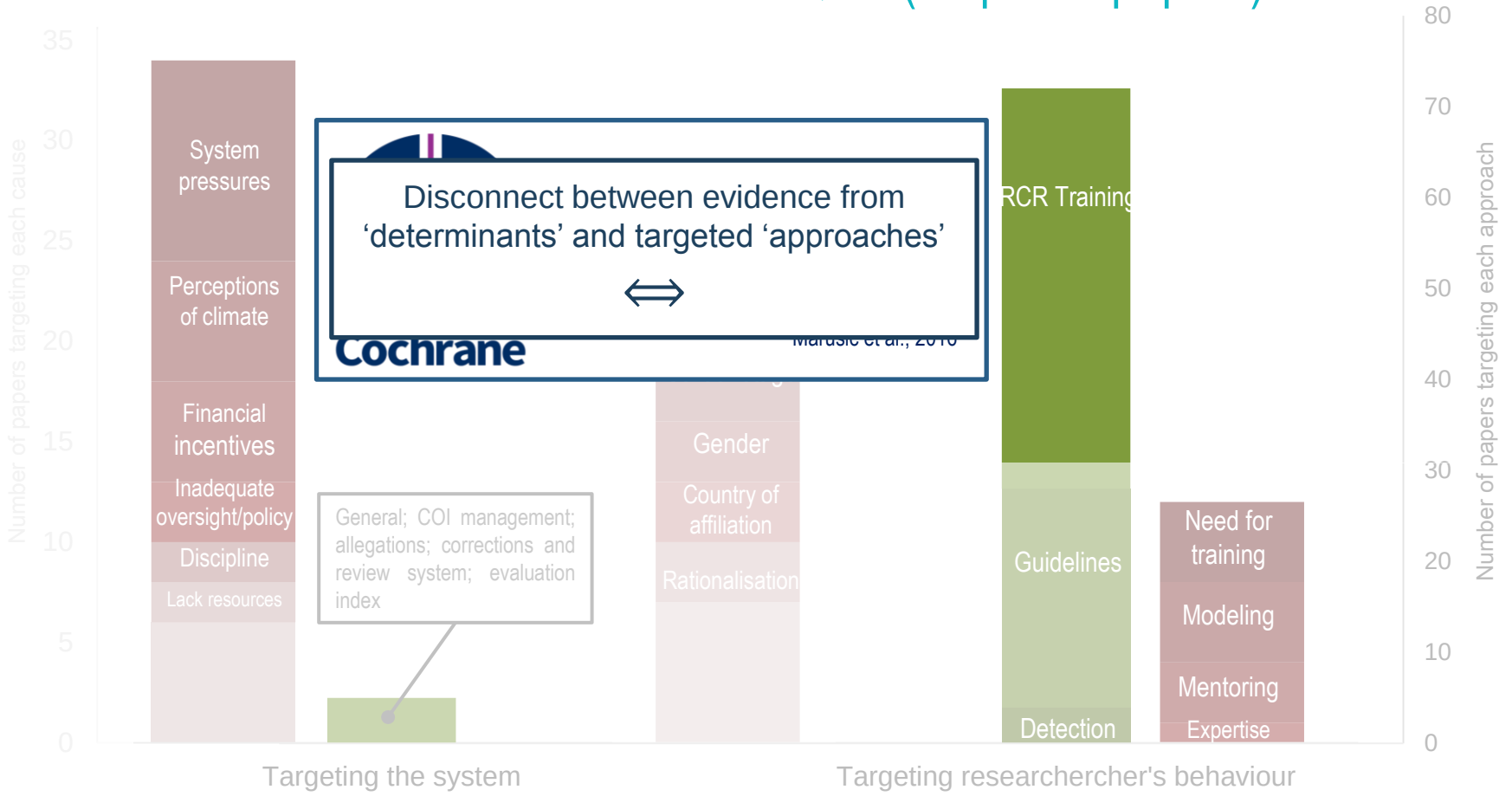


FOCUS (empirical)

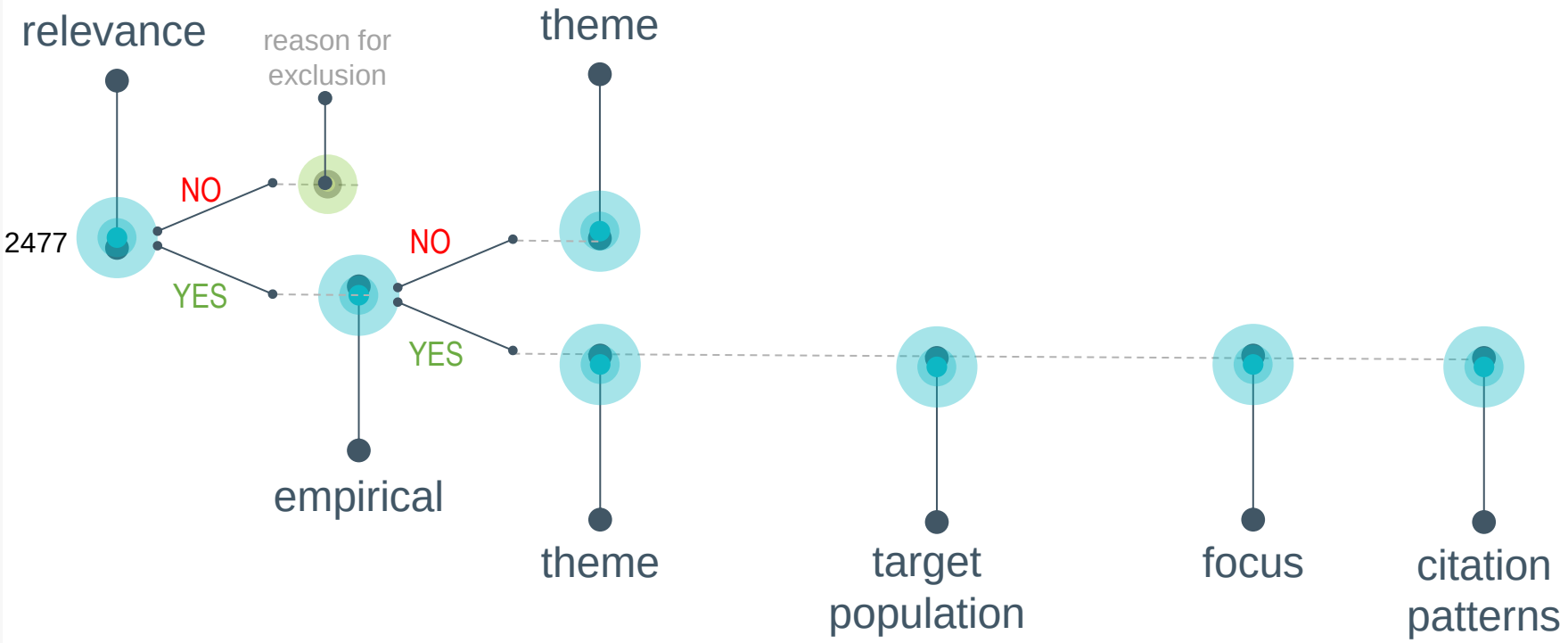
DETERMINANTS for MISCONDUCT and QRP (empirical papers)



APPROACHES to MISCONDUCT and QRP (empirical papers)



CLASSIFICATION PROCESS



CITATION DISTRIBUTION

- **Average of 10** citations per paper
- …but **median of 4** citations
- **112** articles **never cited** *(15%)*

Make RESEARCH great again!

POINTS TO CONSIDER:

- Do we neglect relevant voices?
- Do we fully use available evidence?
- Are we careful in designing the research agenda?
- Are there more efficient uptake mechanisms?

QUESTIONS, COMMENTS, THOUGHTS…

SPECIAL THANKS TO WIM PINXTEN!

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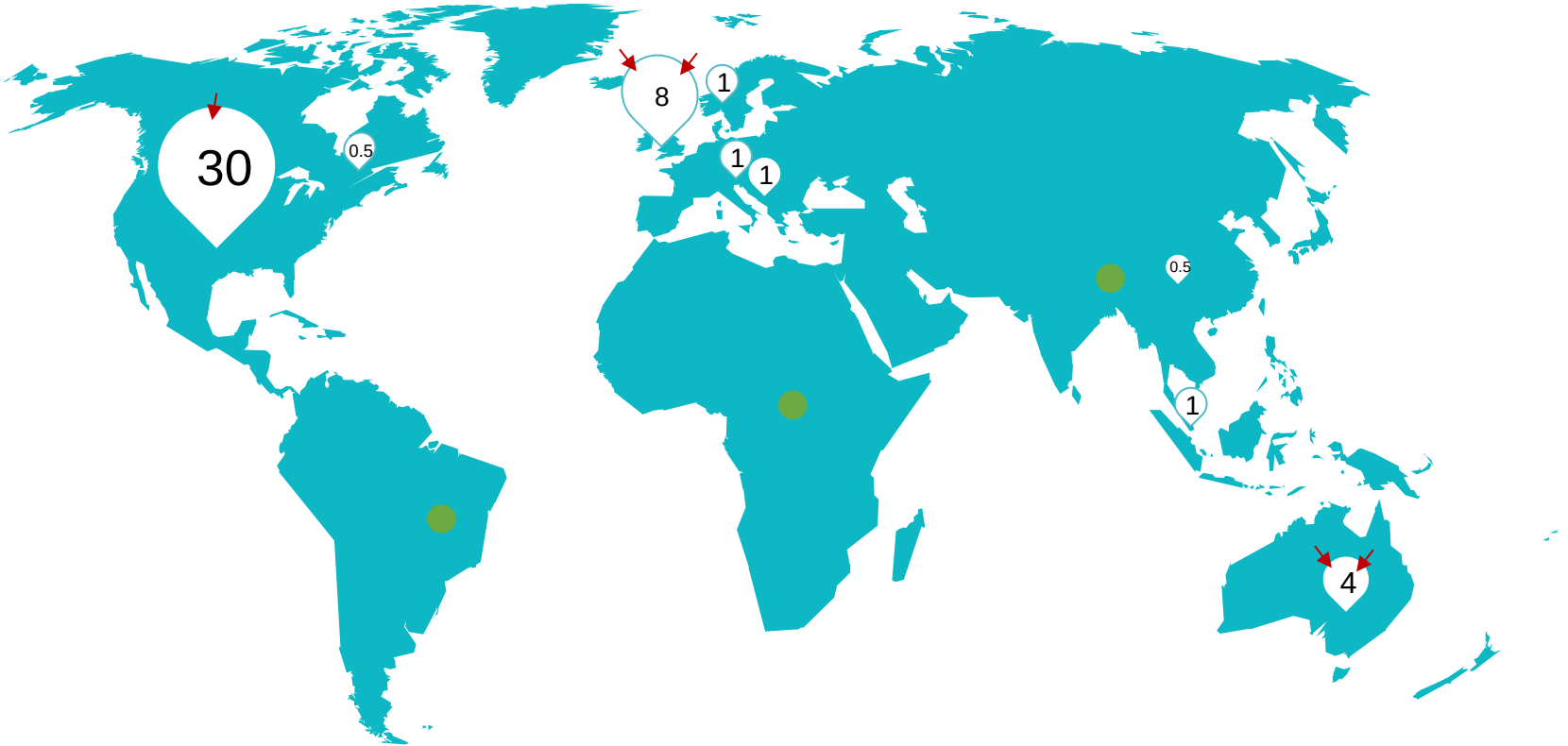
orcid.org\0000-0003-0252-2331

- Cochrane Review: Marušić, A., Wager, E., Utrobicic, A., Rothstein, H. R., & Sambunjak, D. (1996). Interventions to prevent misconduct and promote integrity in research and publication. (E. Wager, Ed.). Chichester, UK: John Wiley & Sons, Ltd.
- Presentation template by ccby SlidesCarnival
- Illustrations from James Graham, used with permission.

Affiliation distribution of articles with ≥30 citations



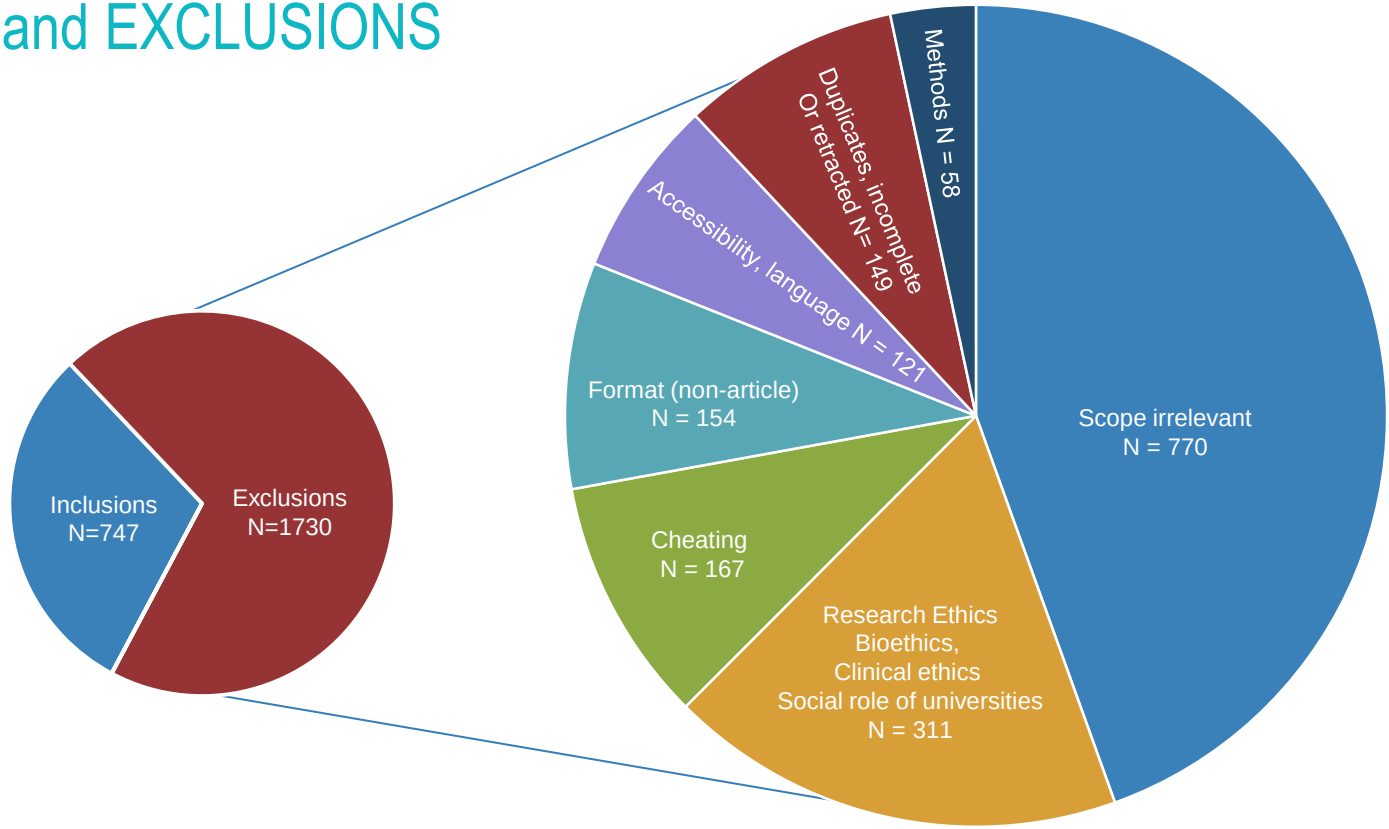
INCLUSIONS and EXCLUSIONS

SEARCH RESULTS

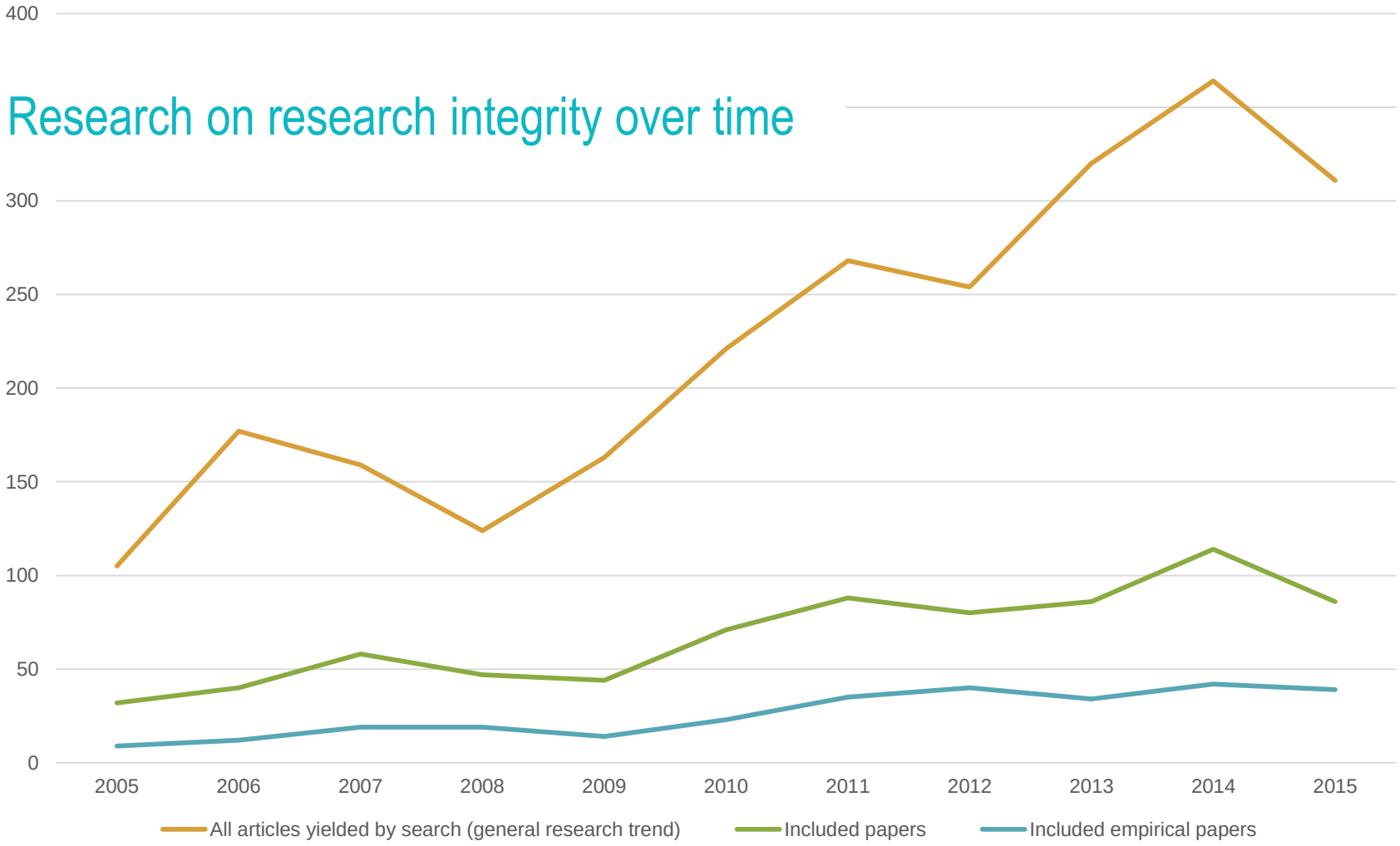
N= 5453

- 44% ‘Articles’
- N=2477

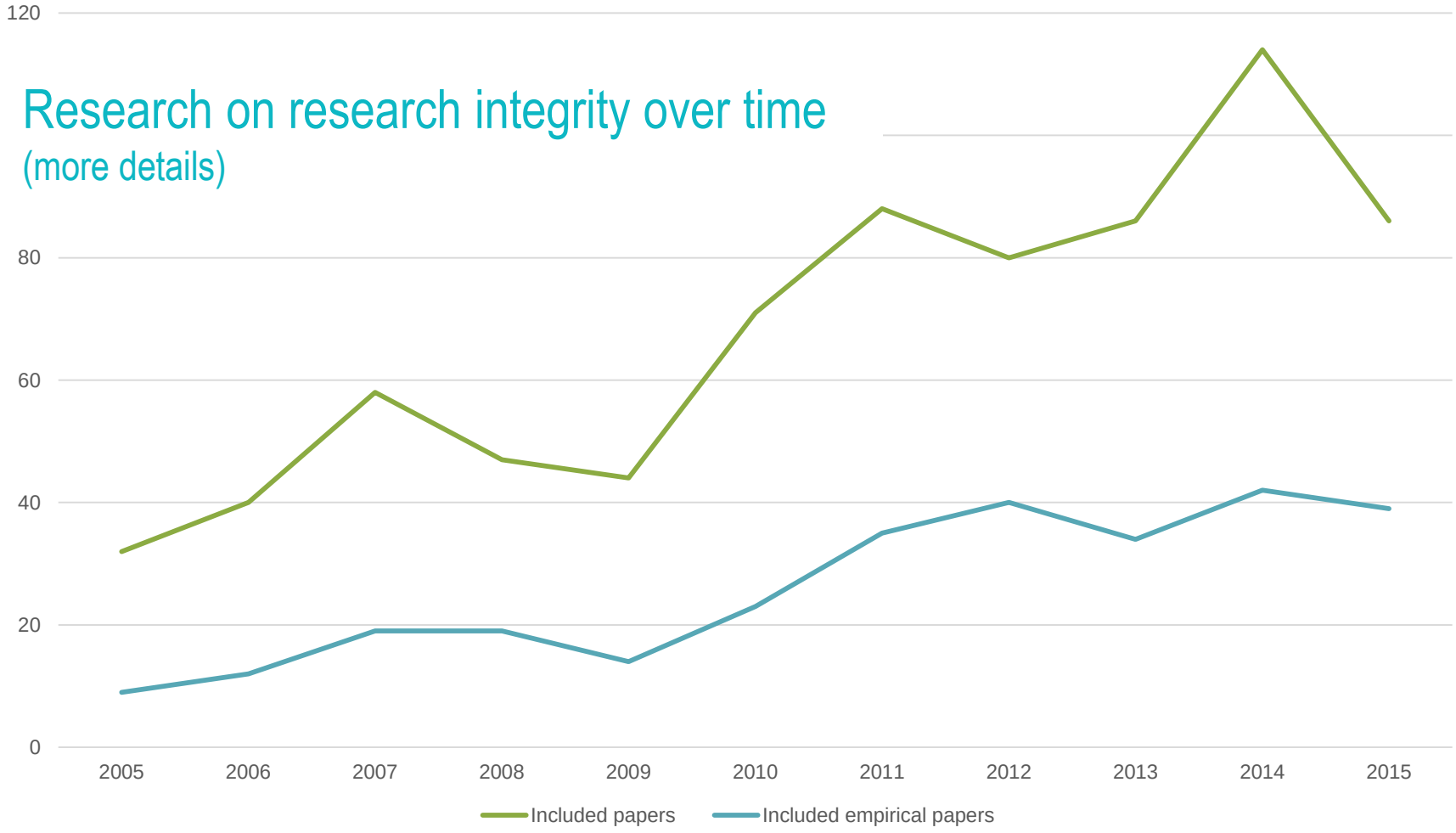
- 14% Editorials
- 12% Reviews
- 8% Conference paper
- 8% Notes
- 7% Letters
- 3% Book Chapters
- 3% Short surveys
- >1% Other, books,



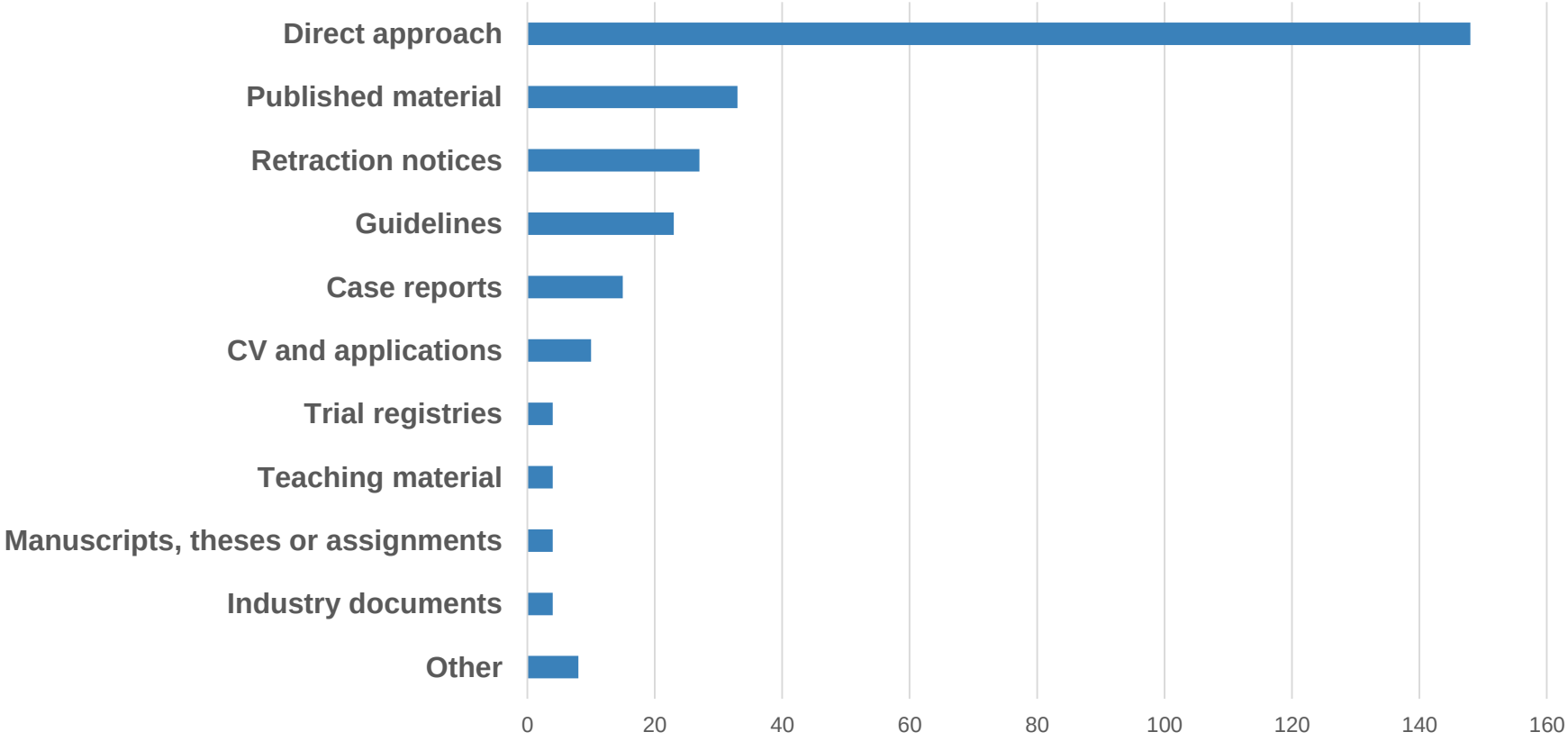
Research on research integrity over time



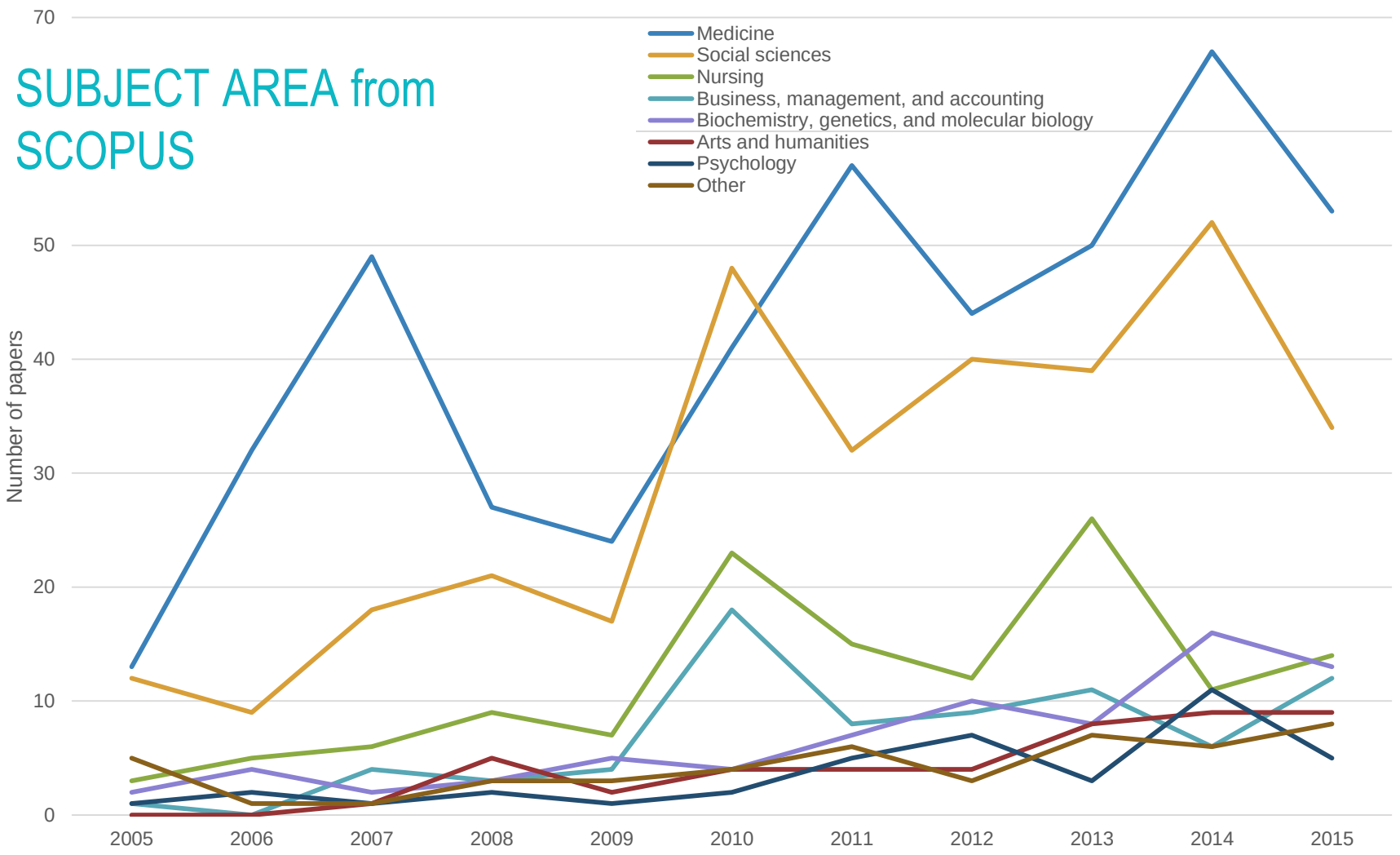
Research on research integrity over time
(more details)



SOURCE FOR OBTAINING DATA (empirical)



SUBJECT AREA from SCOPUS



OLD MATERIAL FROM PRELIMINARY RESULTS

focus empirical/non-empirical (2010-2015)