Overview of bibliometric analyses in RAE2020
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- Bibliometric analyses were performed on all 57 research units (RU)
- Each RU leader received a bibliometric report of their own unit before the launch of the call for self-evaluation reporting and scientific action plans
Data used in the bibliometric analyses

- All analyses are based on publications in the Oulun yliopisto tutkii research information system from the period 2013-2017
  - The database consists of publications that are either affiliated with the University of Oulu (UOulu) or whose author is employed by the UOulu

- Researchers of the UOulu are asked to record their publications yearly and the library is responsible for the verification of the records

- For RAE2020, the bibliometrics team and the RUs have verified the used publication data of each RU
Content of bibliometric reports

- The report submitted to the unit includes
  - Two sub-reports
    1. Bibliometric report by the Centre for Science and Technology Studies (CWTS) from Leiden University (video | slides)
    2. Bibliometric report by Oulu University Library (slides)
  - Two appendices
    - Publication data file
    - Bibliometrics manual by CWTS
Bibliometric report by CWTS based only on journal articles and reviews

- Traditionally, analyses by CWTS are based on journal articles and reviews. This time, CWTS also performed analyses based on conference proceedings and books.

- RAE2020 Working Group decided that the CWTS reports to the RUs should be limited to journal based analysis.

- Reasons for excluding all conference and book based analyses:
  - Coverage of these publication types was too low in the CWTS analyses.
  - The analyses gave very limited information; only publication counts and citations per publication.
  - However, the RUs may also request the results of conference/books analyses for viewing.
Bibliometric reports are produced to support the units’ own self-evaluation, especially for sections 2.1.1 Publications and 3. Scientific action plan.

The bibliometric report on the RU will be provided also to the panelists. The only exceptions are:

- The publication data file, which is only for the unit’s own use.
- The sub-report by CTWS, which is only sent to panelists if
  - The publication count is at least 25 in the CWTS analysis and
  - the internal coverage value is at least 0.5

In most cases, the results of the analyses are not comparable between different RUs.
Support for interpreting bibliometric analyses

- The bibliometrics team of the university library provides support to RUs in the interpretation of bibliometric analyses

- To avoid misinterpretations, it is recommended that as many RUs as possible use this service

- The service may be provided via email, telephone or Skype

- Contact the bibliometrics team by email at RAE2020.bibliometrics@oulu.fi
Contact information

Bibliometric services of Oulu University Library

- Email: RAE2020.bibliometrics@oulu.fi

- Bibliometric services in Patio
  https://patio.oulu.fi/en/services-and-instructions/research-support/bibliometrics/bibliometric-services

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