

Research Organizations – Web of Science– Name of the Research Organization

Graph 1: Journals – Number of documents by Fields of Research and Development (VO1)

Documents are classified by the Field of Research and Development (FORD) category¹ of the journal where they appeared (see also the converter FORD / WoS category). A document can thus be counted in more than one field. For this reason, the graph is supplemented with an indication of the total number of documents of the research organization (RO). The bars show the share of documents with a large number of authors (30+) in dark red.

Journals

Number of documents

Documents with a large number of authors

Graph 2: International and national comparison (VO2)

Documents are classified according to quartiles (Q1-Q4) and, separately, the top decile of the AIS journal-level citation indicator by FORD and year (see Appendices 1 and 2 of the FORD reports). Next, the FORD-specific AIS profile of the documents of the research organization is compared with that of the Czech Republic (i.e. with the national level), with the EU-15 level, and with the global level. The supplementary chart shows the share of documents produced based on international cooperation and the share of documents with a large number of authors (30+) of the given research organization. A RO must have produced a minimum of 10 documents in a FORD category in order for that category comparison to be displayed.

Graph 3: International and National Median Comparison (VO3)

The graph shows the percentage difference between the FORD median AIS of documents of the research organization, of the Czech Republic, the EU15, and the corresponding median at the global level, which is taken as the base of the comparison (=100%). The median is the value of the AIS indicator, which is located in the middle of the list of documents (not journals) affiliated to a FORD.

A RO must have produced a minimum of 10 documents in a FORD category in order for that category comparison to be displayed.

Graph 4: Proceedings papers (VO4)

The number of WoS-indexed proceedings papers within FORDs produced by the research organization in and the share of proceedings papers on the total number of documents produced by the research organization. For comparison, the share of proceedings on total FORD output is shown also at the national level, i.e. for the Czech Republic.

Field of Research and Development

Number of proceedings papers in the WoS database

The share of proceedings papers on all documents for the RO

The share of proceedings at the Czech-Republic level

Graph 5: Supplementary Data - Overview Profile of the Research Organization (VO5)

The AIS quartile (and top decile) distribution of documents of the research organization based on assigning each article published in multi-FORD journals only to the one FORD where the article achieves the highest AIS ranking (score).

Journals

Number of documents

¹ OECD (2015), *Frascati Manual 2015: Guidelines for Collecting and Reporting Data on Research and Experimental Development*, The Measurement of Scientific, Technological and Innovation Activities, OECD Publishing, Paris. DOI: <http://dx.doi.org/10.1787/9789264239012-en>

Graph 6: Supplementary data – Overview of International Cooperation (VO6)

The previous graph (VO5) supplemented with numbers and shares of documents produced in international cooperation indicated by dark red columns.

Journals

Number of documents

Number of documents with international cooperation

Graph 7: Supplementary data – Overview of Documents with Large Number of Authors (VO7)

The previous graph (VO5) supplemented with numbers and shares of documents with a large number of authors (30+) indicated by dark red columns.

Journals

Number of documents

Number of documents with more than 30 authors

Appendix 1 – List of Analyzed Documents (Articles in Journals)

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Appendix 2 – List of Documents without the AIS Indicator (Articles in Journals):

Documents of the research organization registered in the WoS database that were not included in the analysis

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Appendix 3 – List of Proceedings Paper (sorted alphabetically by title)

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Appendix 4 – Unlinked Data

Documents of the research organization registered in the WoS database that were not included in the analysis because of incompatibility between WoS and RIV data. The source of data – RIV is the national Information Register of R&D results (sorted alphabetically by article title).

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Appendix 5 – Eliminated Documents

Documents that were not included in the analysis as a result of a decision by the Expert panels. The source of data is RIV – the Information Register of R&D results (sorted alphabetically by article title).

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