RESEARCH ASSESSMENT IN INCITES

Guide to Institutional Comparison Analysis

ORGANIZATION DATA IN WEB OF SCIENCE CORE COLLECTION

Web of Science Core Collection is the data source for InCites. It contains all author names and affiliations, which are captured from each source publication, including (where available on the source publication) organization name, city, state or province, zip/postal code, country or territory.

Address variant unification

1. Affiliations are captured from an article as named and placed in the Web of Science Core Collection Address field.
2. Unification is undertaken for institutions, including name variants, misspellings, and sub-organizations. This is done by Clarivate staff with participation from the organization being unified. In Web of Science Core Collection these unified names can be found in the Organization-Enhanced index.
3. Unification is done at the primary organization level (e.g. university name), not at the department, faculty, center, and institute or other sub-organization level.

ORGANIZATION DATA IN INCITES BENCHMARKING & ANALYTICS

InCites Benchmarking & Analytics allows users to filter documents by any organization name that has been unified in Web of Science Core Collection as described above. These unified names are used to filter when examining data from the perspective of an organization’s research output generally, or as a collaborator. Only institutions with a unified organization name may be compared using InCites Benchmarking & Analytics.

Comparing your organization to peer organizations or to top performers across the world allows you to benchmark your research output, report on successful programs, and make informed decisions about resource allocation.

The following instructions will detail how to use InCites B&A to address the following questions:

- Which institutions are the world’s top performers in a specific field of research?
- How does our performance in a field of research compare to that of other national institutions?
- Which funding bodies fund the research of my competitors?
- How does the performance of our Open Access output compare to other national organizations?
Which institutions are the world’s top performers in a specific field of research?

1. Begin in the Organizations explorer and open the list of all organisations.
2. Select a Research Area to obtain a list of competitor institutions that publish in the same field.
   a. Select Schema
   b. Select one or more Research Areas for the comparison
3. You may also want to limit to a particular type of organization, like academic or government using the Organization Type filter.
4. Exclude from your filtered results any items you know you do not wish to see included by clicking on the = where available. In this example, we exclude all Corporate institutions.
5. Every time you add an additional filter or a group of filters, click the **Update Results** button at the bottom of the filters panel to apply selected filters.

6. Use the **Configure Indicators icon** to add additional indicators to the data table, which will help you to compare the institutions.

7. Now the data table shows the global top performing institutions in the area of Microbiology, without corporate institutions. Click on the column headings for each indicator to sort the table and see the rankings.
How does the performance of my institution in a field of research compare to that of other national institutions?

1. When you start a new analysis, use Clear and Restore Defaults to remove all filters from the previous analysis.

2. From the filters panel apply filters for your Organization Type and Location.

3. If desired, select a Research Area. Once all filters have been selected, click Update Results. Click on the column headings for each indicator to sort the table and see the rankings for particular indicators.

4. Select your institution and from the bottom line choose Pin To Top.

5. Reorder the tabular data by the indicator that best responds to the question you are asking - your institution will always stay at the top of the table, but the rank may change. If you want to exclude some institutions from the analysis, select those organizations and click on Exclude From Results.
6. Use the Thresholds filters to remove institutions from the analysis that have smaller numbers of publications. Choose Web of Science Documents.
   a. You can slide the bar to set the value or click on the Min. or Max. value and specify the number of publications, by which you want to narrow your analysis.

7. With the Time Period filter you can narrow the analysis to particular years.

8. Once you have identified competing institutions in a research field, you can create visualizations that best illustrate the objective of your evaluation:
   a. select the type of visualization;
   b. select the indicator you wish to visualize from those included in the tabular data;
   c. with + and - add or remove institutions.
9. Re-order the tabular data by the indicator used for the visualization.

10. You can save the data from the analysis and the analysis:
   a. use **Save Tile** to save the visualization and the data behind;
   b. use the **Download** symbol to download the data from the table.
Which funding bodies fund the research of my competitors?

1. Once you have identified your competitors, you may wish to further explore the results and identify agencies that funded publications of the competing institution. This can be achieved by using the Refocus functionality:

   a. Select a competing institution in the table by clicking on its name (for example Technical University of Munich). This opens the Refocus menu;

   b. In the menu, select the Funding Agency entity. Then click on ‘Refocus’ to execute the function.
2. The Refocused report will contain a list of institutions, which funded publications of your competitor from your customized list (in this example we see a list of 73 funding agencies for 1053 publications from the Technical University of Munich in the area of Microbiology).

3. You can customize the table by adding in indicators and re-ordering the funding agencies by the indicator which best suits your analysis.

4. You can also start your analysis directly from the Funding Agencies explorer.

5. Open a list of all funding bodies, and use the Filters panel to find your competitors.

6. If you cannot see the full list of the funding bodies, use Clear and Restore Defaults to remove all filters from the previous analysis.
7. Search for your competitors using the **Organization Name** filter.

8. Choose **Location** to receive a list of funding bodies supporting research of institutions from a particular country or region.

9. Specify **Research Area** for a list of agencies funding research in this field.

10. You can customize the table by adding in indicators and reordering the funding agencies by the indicator which best suits your analysis.

**How does the performance of our Open Access output compare to other national organizations?**

1. Begin in the **Organizations** explorer and open the list of all organisations. From the filters panel apply filters for your **Organization Type** (if desired) and **Location**.
2. Select a **Research Area** to obtain a list of competitor institutions that publish in a specific research field. If you want to compare the whole output of the institutions, do not choose this filter.

3. Select the **Open Access** filter and mark it. The Open Access filter will limit the list of publications to those that were published in journals indexed in the DOAJ.

4. Once all filters have been selected, click **Update Results**.

5. Once you have identified your competitors with open access output, you may explore the results further and identify open access journals, where your competitors published their work. This can be achieved by using the **Refocus** functionality:

   a. Select a competing institution in the table by clicking on its name (for example Free University of Berlin). This opens the **Refocus** menu.

   b. In the menu, select the **Journals** entity. If you click on **Refocus**, you will be taken to the Journals entity. You may use the **Preview** function to see a list of these journals in an additional window.

7. Click on the number of the publications in the table to see the list of papers.
8. Click on the title of the publication to explore the Web of Science Core Collection full record for this publication.

To learn more, visit: http://clarivate.libguides.com/incites_ba