

# What's new in Dimensions?

## Significant improvements in affiliation resolution

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We are rolling out an update to our affiliation resolution on our publication records. This new version will update 3.5M publications, increasing the total publications linked to at least one GRID ID to 53.5M. It will add 7.3M links between publication authors and GRID IDs, taking the total to 217M.

### **Most important changes**

#### **More flexible extraction of institutes and geography**

The updated algorithm is able to identify names and geographical entities that are in less clearly segmented affiliations. For example the affiliation “RG Molecular Psychotraumatology Max Planck Institute of Psychiatry Munich Germany”, now correctly resolves to [Max Planck Institute of Psychiatry](#).

#### **Improved disambiguation**

The updated algorithm is able to better identify cases where there are multiple institutes in one affiliation. This occurs most often when there is work carried out between a hospital and a university. For example the affiliation “Harvard Center for Polycystic Kidney Disease Research and Renal Division, Department of Medicine, Brigham and Women’s Hospital and Harvard Medical School, MA02115, Boston, USA” now correctly resolves to both [Brigham and Women’s Hospital](#) and [Harvard University](#).

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### **When do I get access to the new version?**

The new version has been running successfully in production for new publication affiliations for several weeks and all affected publications will be updated by the end of February.

### **What do I need to be aware of?**

The new version removes some false positives and adds a significant number of new matches. These changes are not evenly distributed and will appear as a sudden change in the number of results if you are regularly looking at a search filtered by an institute. See below for some examples which illustrate the types of changes to be expected.

#### University of Chicago

The [University of Chicago](#) will see an increase in publications of approximately 70k. This is broadly due to improvements in the disambiguation allowing more reliable matches to be made.

#### University of London and University College London

[University College London](#) will see a decrease of 20k. These publications are mostly now correctly assigned to its parent institute, [University of London](#) which will see an increase in publications of approximately 27k. This fixes an issue of overmatching to UCL.

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### Shahid Beheshti University

[Shahid Beheshti University](#) will see an increase from 2.7K to 14.7K. These are a result of several improvements, primarily in the disambiguation between Shahid Beheshti University and [Shahid Beheshti University of Medical Sciences](#).