***eLife’s* transparent reporting form**

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* You should state whether an appropriate sample size was computed when the study was being designed
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* If no explicit power analysis was used, you should describe how you decided what sample (replicate) size (number) to use

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No sample-size estimation was performed in this article. The outputs and output size for each university was determined through affiliation links in Microsoft Academic, Web of Science and Scopus, as described in Supplementary file 1.

**Replicates**

* You should report how often each experiment was performed
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Universities were left out of the article through examination of their margins of error and conditions for estimation. These are described in detail in Supplementary file 1 and the sensitivity analysis shown in the corresponding white paper. This essential leaves out universities with very small number of outputs.

**Statistical reporting**

* Statistical analysis methods should be described and justified
* Raw data should be presented in figures whenever informative to do so (typically when N per group is less than 10)
* For each experiment, you should identify the statistical tests used, exact values of N, definitions of center, methods of multiple test correction, and dispersion and precision measures (e.g., mean, median, SD, SEM, confidence intervals; and, for the major substantive results, a measure of effect size (e.g., Pearson's r, Cohen's d)
* Report exact p-values wherever possible alongside the summary statistics and 95% confidence intervals. These should be reported for all key questions and not only when the p-value is less than 0.05.

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Šidák correction was used for the calculation of 95% confidence intervals in Figure 2 – figure supplement 2 to cater for the multiple comparisons effect. Details can be found in Supplementary file 1.

(For large datasets, or papers with a very large number of statistical tests, you may upload a single table file with tests, Ns, etc., with reference to sections in the manuscript.)

**Group allocation**

* Indicate how samples were allocated into experimental groups (in the case of clinical studies, please specify allocation to treatment method); if randomization was used, please also state if restricted randomization was applied
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No group allocation was used in this study.

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Source data files have been provided for all figures presented in this article. References and links are provided in the main article and in Supplementary file 1.