Figure PBS-B

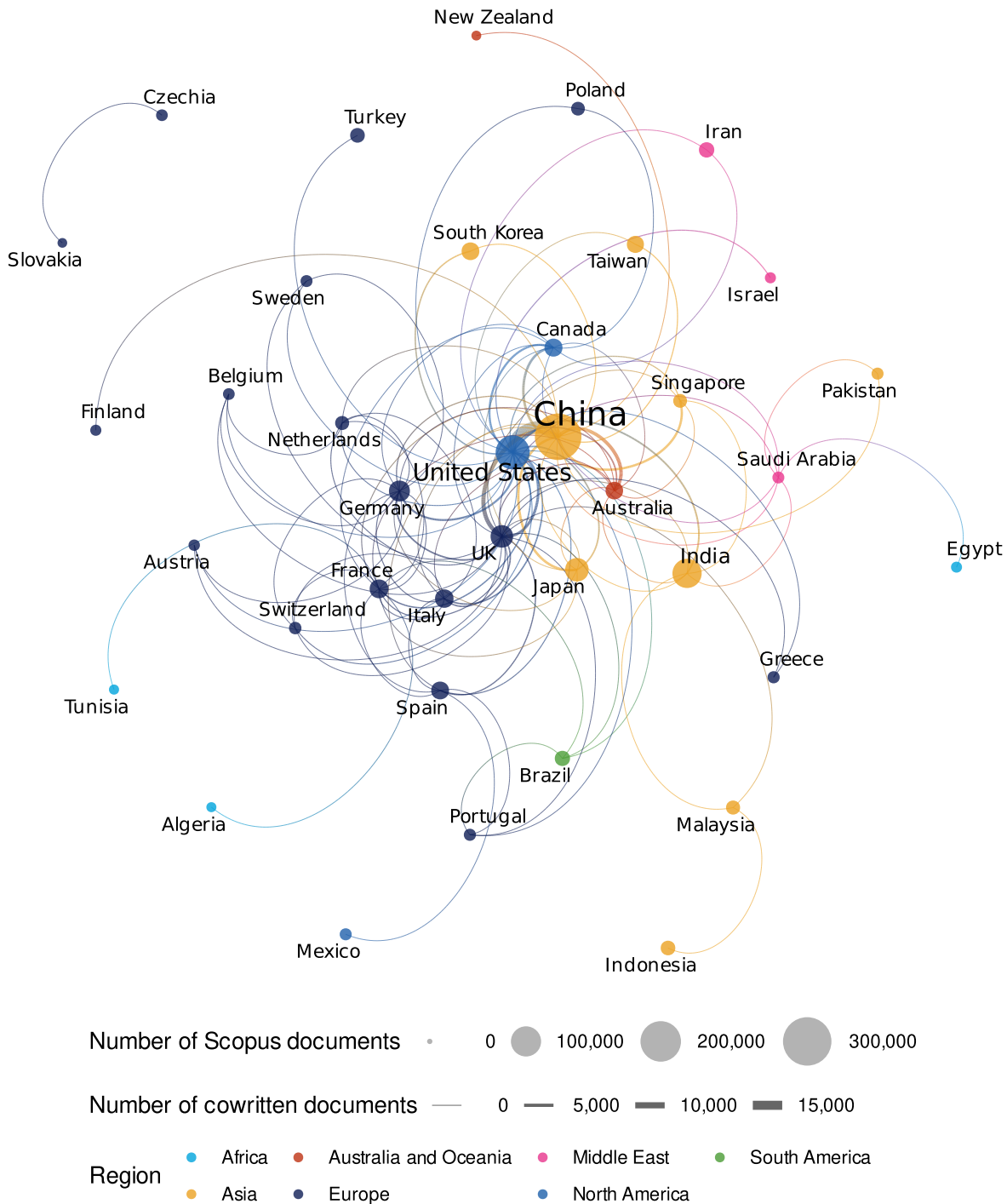**AI collaboration network, by region, country, or economy: 2003−2022**

AI = artificial intelligence.

Note(s):
This network diagram shows the number of cowritten articles by all pairs of regions, countries, or economies within the top 60 producers of AI-related research based on whole counting for those pairs that cowrote 400 articles or more. AI article counts refer to publications from a selection of conference proceedings and peer-reviewed journals in S&E fields from Scopus that were classified as AI in the All Science Journal Classification. Articles are classified by their year of publication and are assigned to a region, country, or economy on the basis of the institutional address(es) of

the author(s) listed in the article. Links are only shown in a single direction, dictated by alphabetical order. The size of the nodes is proportional to the total number of AI-related articles written by each region, country, or economy. The width of the links between nodes is proportional to the quantity of articles both regions, countries, or economies have cowritten. Positioning of nodes is defined using the Kamada-Kawai algorithm. For the list of regions, countries, and economies and their respective geographic regions in this figure, see Table SPBS-91.

Source(s):
National Center for Science and Engineering Statistics; Science-Metrix; Elsevier, Scopus abstract and citation database, accessed April 2023.

Science and Engineering Indicators