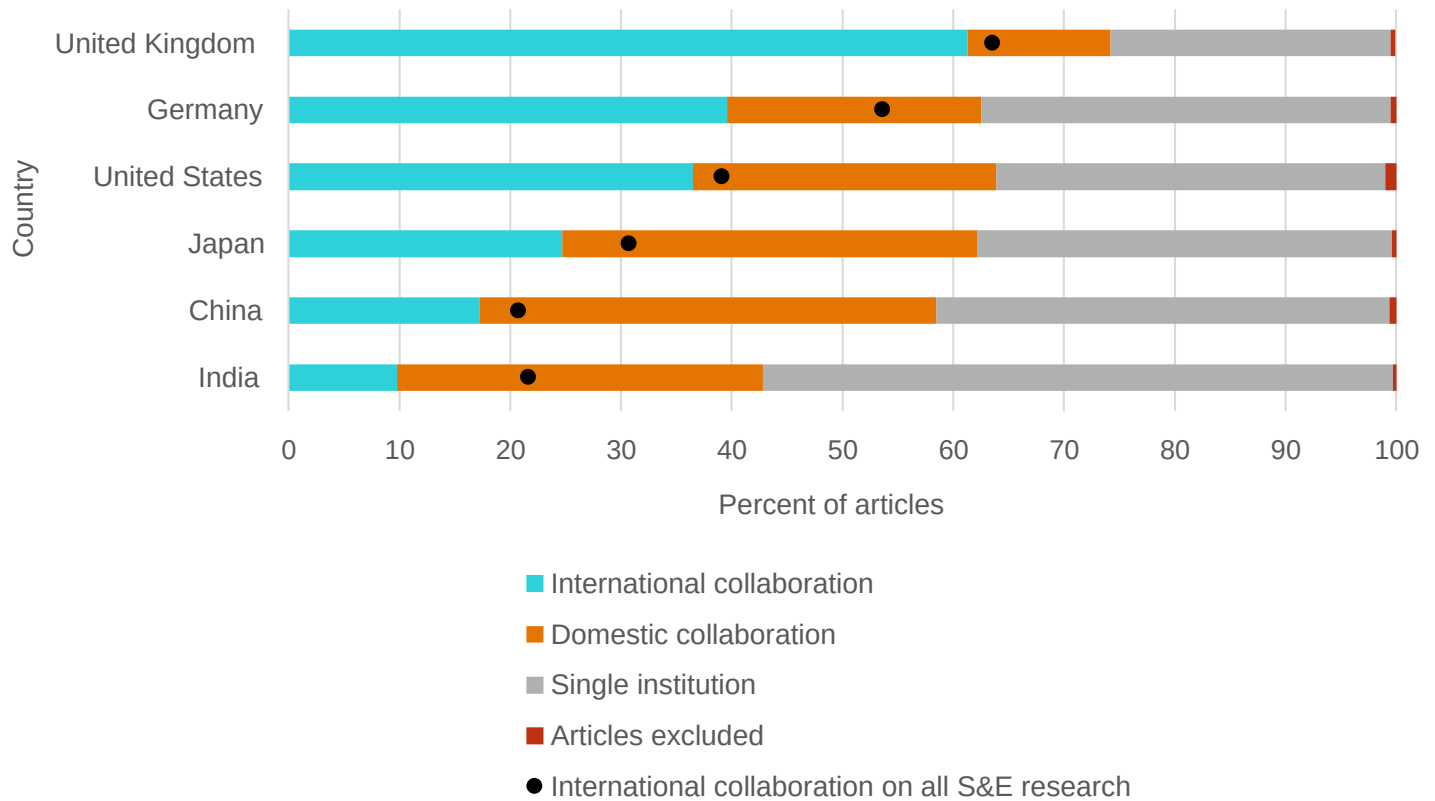


**Figure 2**

**International collaboration, domestic collaboration, and single institution publications on AI research and overall international collaboration on all S&E research, by selected country: 2017–22**



AI = artificial intelligence; S&E = science and engineering.

**Note(s):**

AI articles are assigned to a country, or economy on the basis of the institutional addresses of the authors listed in the article. The subset of AI articles was determined by All Science Journal Classification subject matter classification, supplemented by an algorithm that used a series of article characteristics to determine the field of papers published in multidisciplinary journals. Articles are credited on a whole count basis (i.e., for articles produced by authors from different countries, each country is credited for one article). The percentages refer to the proportion of AI articles to feature collaboration or to the proportion of general articles across all fields to feature collaboration. Articles were excluded when one or more coauthored publications had incomplete address information in the Scopus database; therefore, they cannot be reliably identified as international or domestic collaborations. Data for all regions, countries, and economies are available in supplemental table SPBS-99 and supplemental table SPBS-33 in Publications Output: U.S. Trends and International Comparisons (<https://nces.nsf.gov/pubs/nsb202333/table/SPBS-99> and <https://nces.nsf.gov/pubs/nsb202333/table/SPBS-33>).

**Source(s):**

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