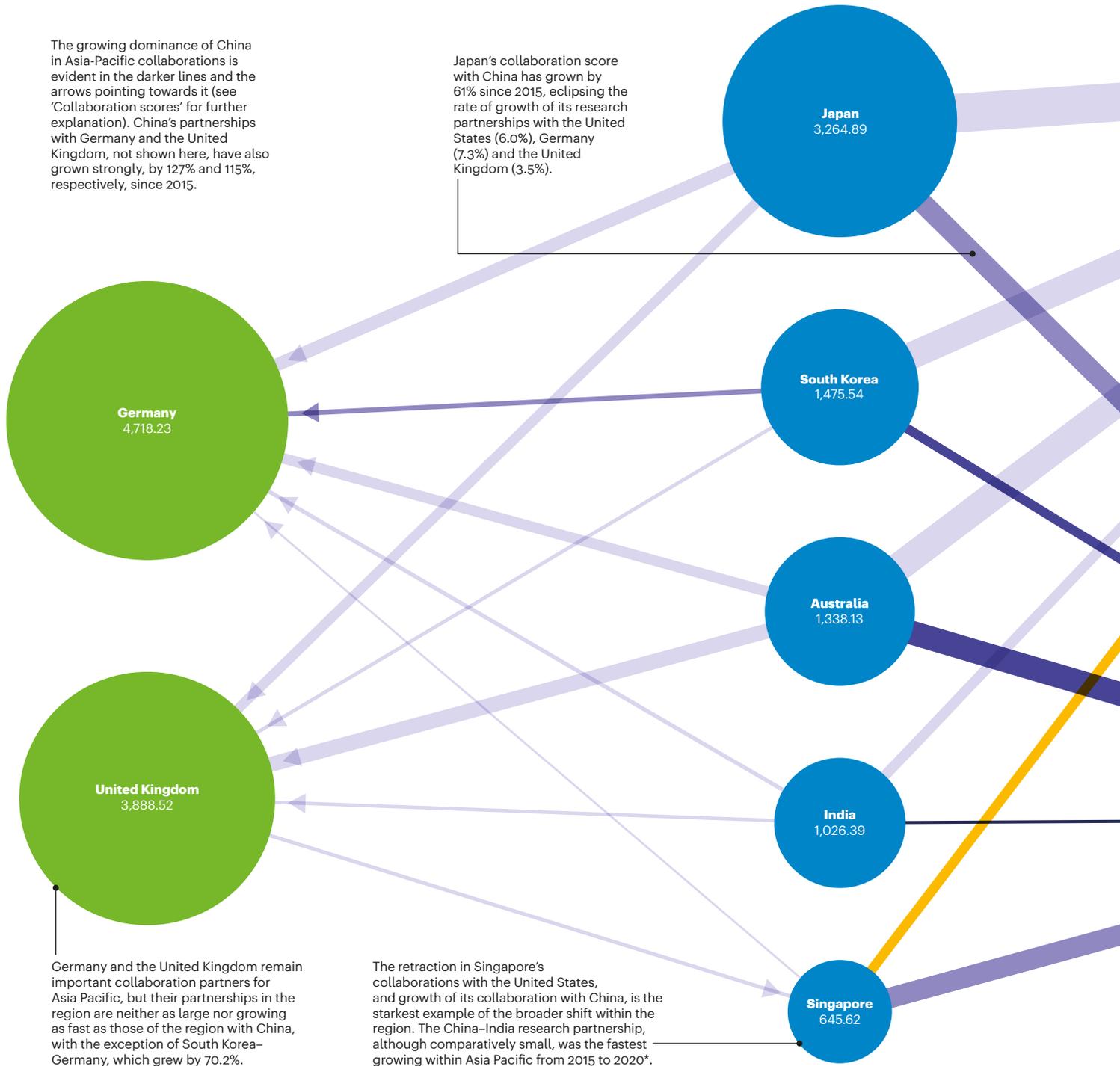


Partnerships in progress

Research alliances in Asia Pacific are shifting towards China.

Data analysis by Catherine Cheung.

Infographic by Tanner Maxwell and Catherine Armitage.





United States
20,653.66

The US–China research partnership, as measured by Nature Index CS, has grown 56% since 2015. The growth is greater than that for the United States with other leading research countries of Asia Pacific, which range from –7.6% (Singapore) to 19.6% (Australia).

China
14,450.20

The Australia–China partnership is the region's strongest in the Nature Index. China contributes the lion's share: 61% of the CS comes from the China side. The increase in China's collaboration score with other research leaders in Asia Pacific 2015–20 ranges from 61% (Japan) to 261% (India).

COLLABORATION SCORES

Here we present a comparison of Collaboration Score (CS) between China and the rest of Asia Pacific's top six research performers, and their CS with three research leaders outside the region – the United States, the United Kingdom and Germany. Nodes are sized according to each location's Share in 2020* and line thickness represents the total CS, which is calculated by adding each partner's Share in their joint articles. The lines are coloured according to the per cent change in CS between 2015 and 2020*. Arrows point to the country that contributes more Share in a given collaboration.

Location

■ Asia Pacific ■ Outside Asia Pacific

Collaboration Score



Change in collaboration score, 2015–20*

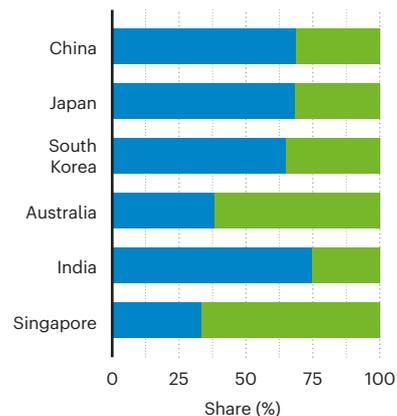
■ <0% ■ 0–59% ■ 60–119%
■ 120–179% ■ >180%

*Data from the latest full year available at time of publication, September 2019–August 2020.

OUTREACH

Among Asia-Pacific research leaders, Singapore and Australia have the highest proportion of internationally collaborative publications, and the highest growth in that proportion among this group since 2015.

■ Domestic ■ International



SOURCE: NATURE INDEX