

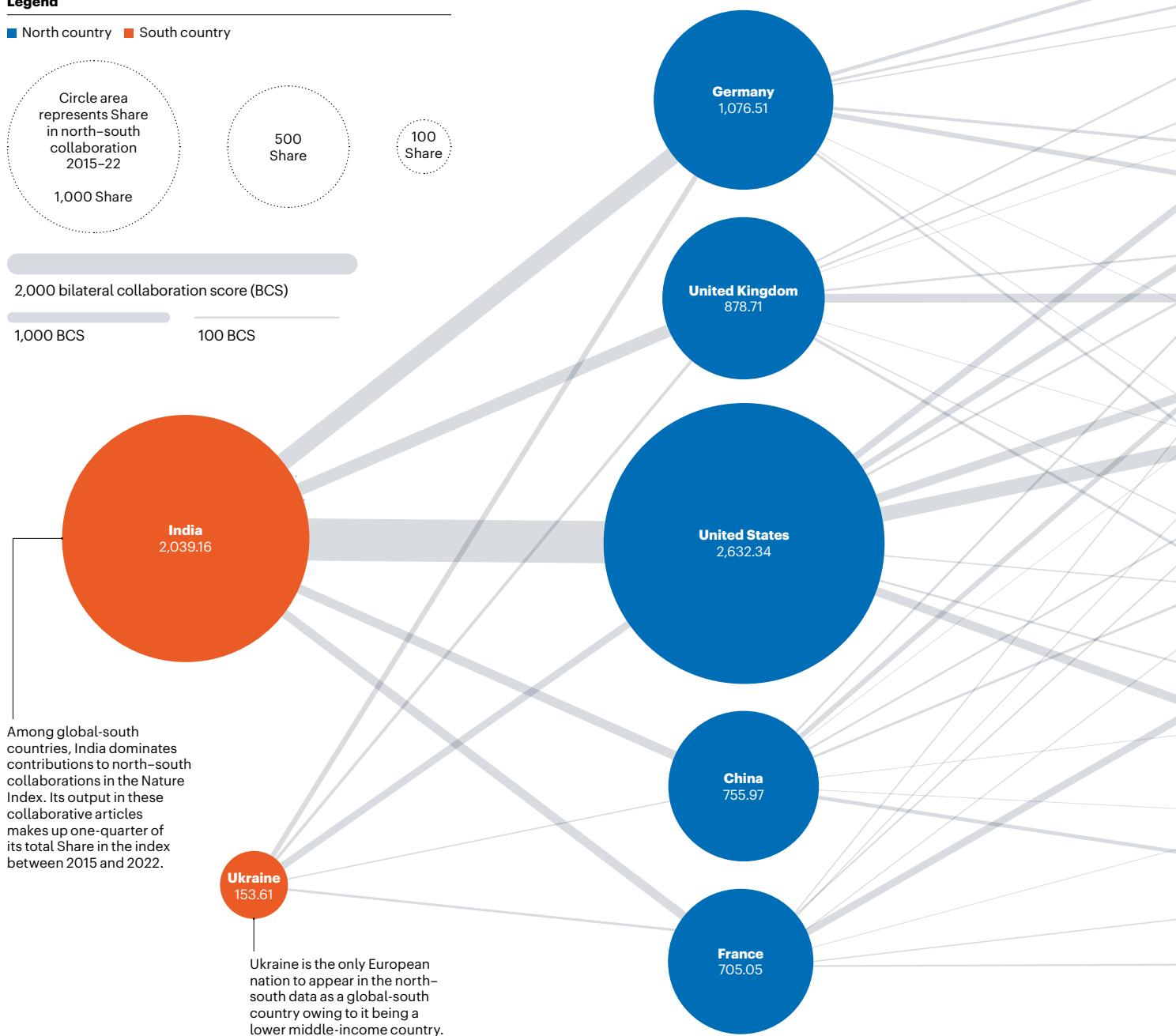
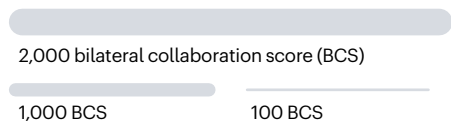
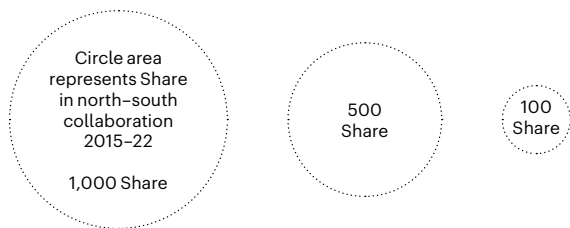
# Concentrated connections

Just five global-north nations represent almost half of the contributions to global north-south collaborations in the Nature Index. India – a relatively developed country – has by far the biggest Share for global-south nations, whereas 42 African nations together have a Share that is less than one-fifth of India’s.

**Data analysis by Bo Wu. Infographic by Simon Baker, Bec Crew and Tanner Maxwell.**

**Legend**

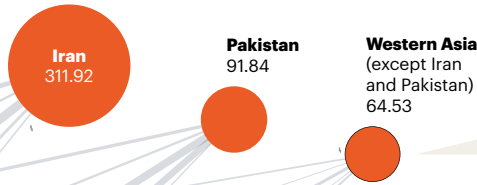
■ North country ■ South country



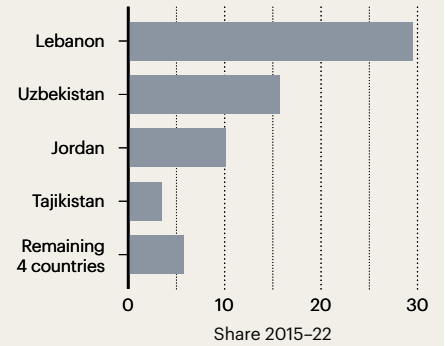
Among global-south countries, India dominates contributions to north-south collaborations in the Nature Index. Its output in these collaborative articles makes up one-quarter of its total Share in the index between 2015 and 2022.

Ukraine is the only European nation to appear in the north-south data as a global-south country owing to it being a lower middle-income country.

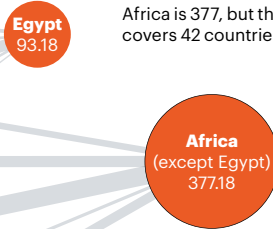
Iran and Pakistan are the biggest contributors to north-south collaborations among global-south nations in western Asia. Iran's Share in such articles is almost five times larger than the eight other global-south countries in the region that appear in the data set.



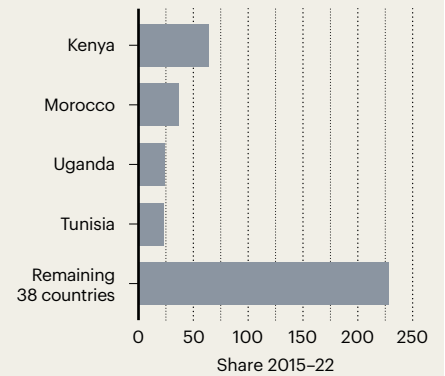
### Western Asia breakdown



Egypt contributes a Share of 93 to north-south collaborative articles, the largest for African global-south nations. The Share for the rest of Africa is 377, but this covers 42 countries.



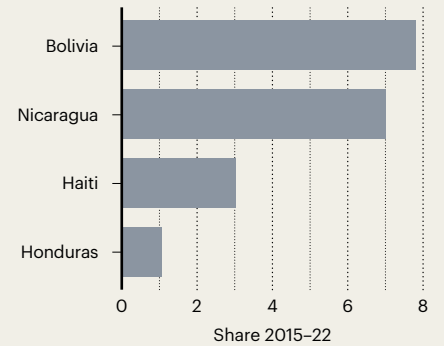
### Africa breakdown



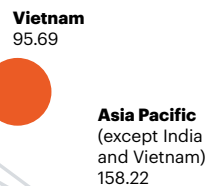
Only four global-south countries in the Americas appear in the north-south data. Most countries in Latin America are in higher World Bank income groups, so are categorized as global-north nations.



### The Americas breakdown



Apart from India and Vietnam, all other Asia-Pacific countries in the global-south category contribute a Share of 158 to north-south collaborations. Bangladesh, the Philippines and Nepal have the highest Shares.



### Asia Pacific breakdown

