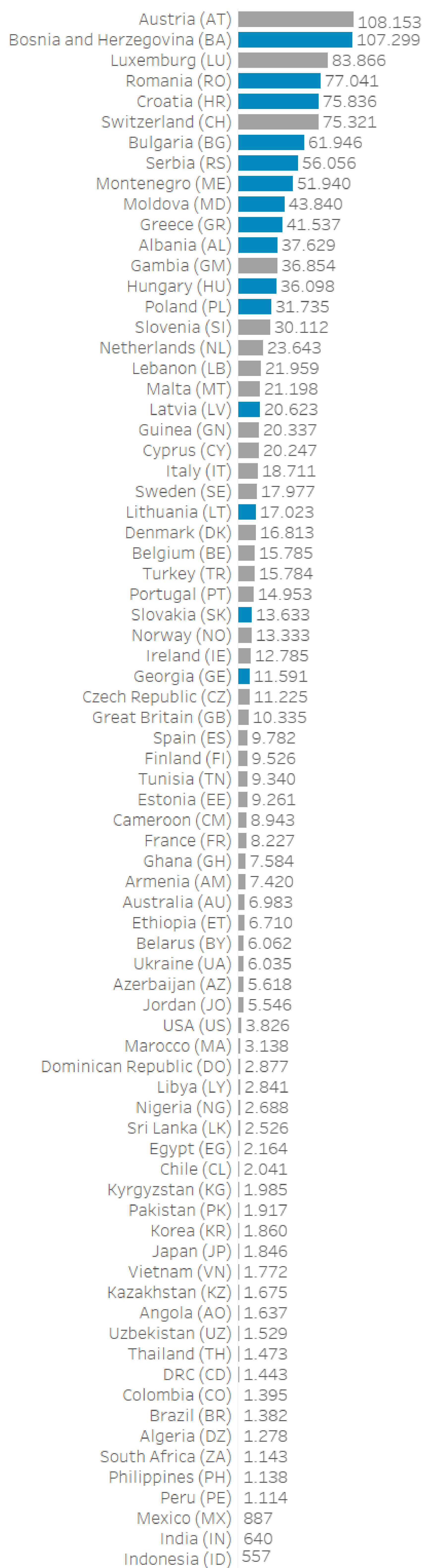




# Let's stay in touch: Social Connectedness and Immigration to Germany

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## SCI 2020 for the main countries of origin



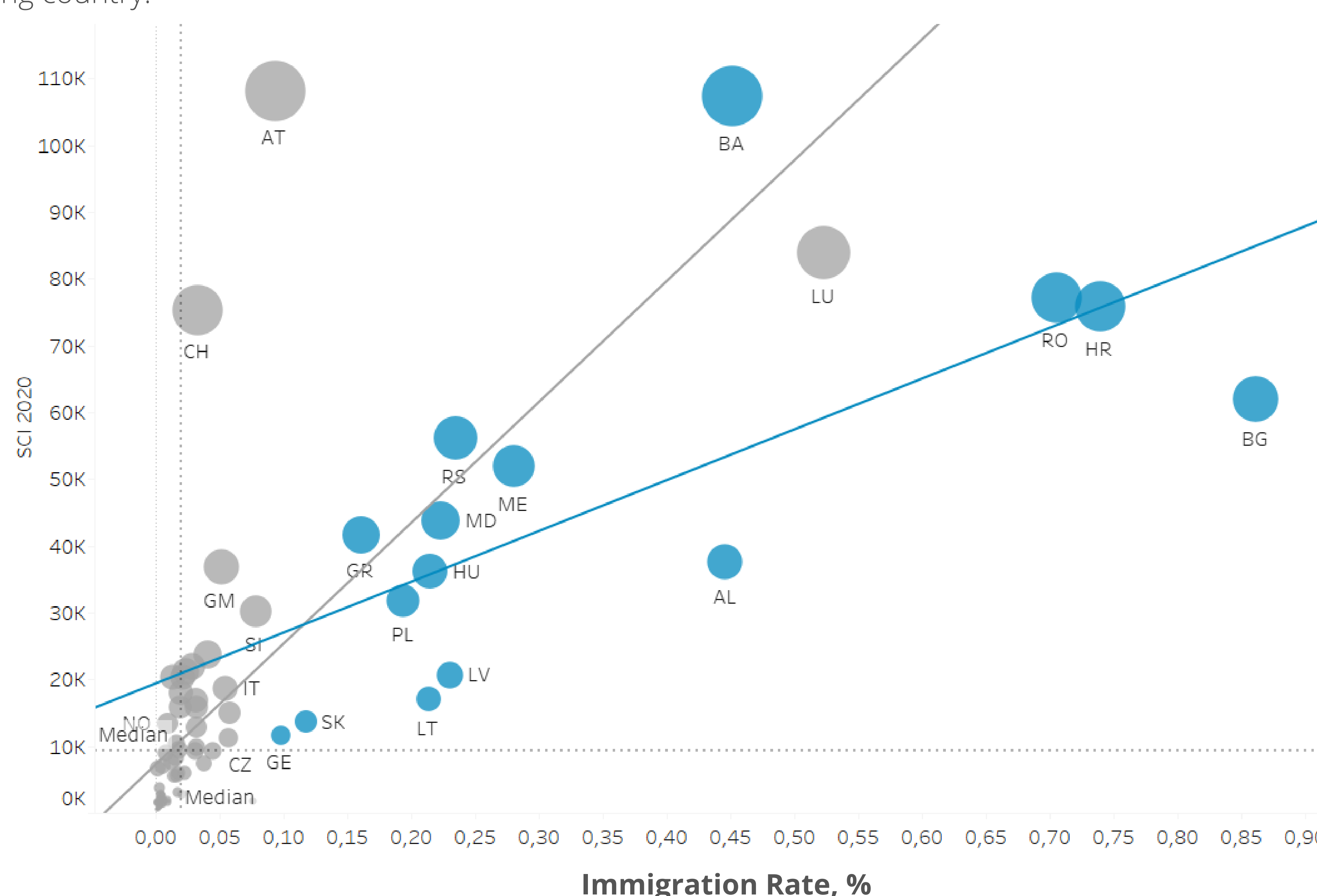
TOP 15 countries with highest immigration rate

Our analysis shows that the Facebook Social Connectedness Index (SCI) correlates with migration to Germany: the higher the **migration rate** from a particular country to Germany, the higher the number of Facebook connections between users in Germany and users in that country and vice versa. The SCI can therefore serve as a proxy indicator and potentially a **predictor for current migration developments**.

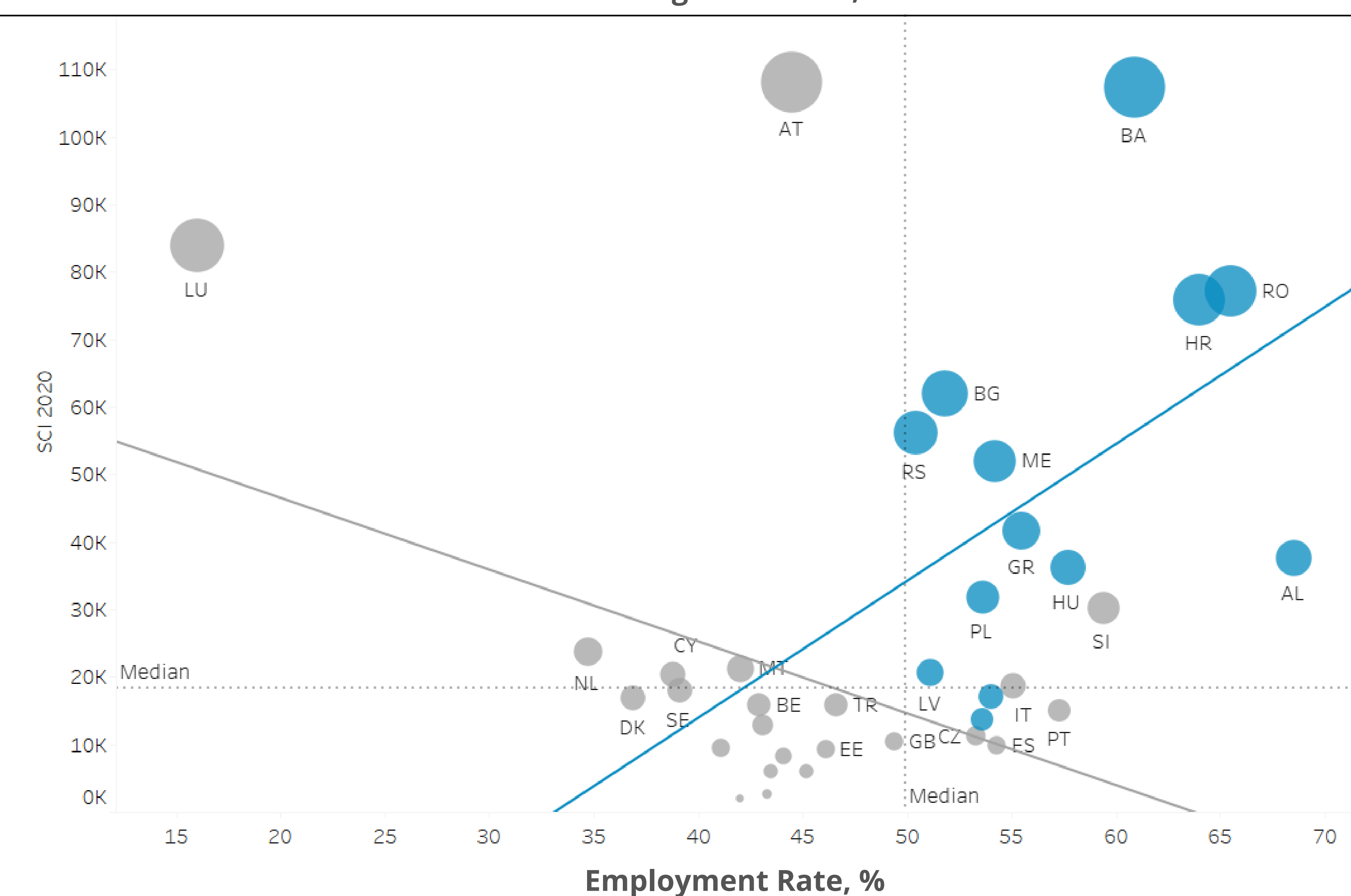
In graph 1 the blue trendline shows the 15 countries with the highest immigration rate. The grey trendline shows the other countries with lower immigration rates. The trend for countries with low immigration rates follows a similar pattern, except for AT, CH and LU, where German is widely spoken: these countries have a higher SCI despite a low immigration rate because of the shared language.

We also found a positive correlation between the SCI and the **employment rate** for countries with a high immigration rate to Germany (graph 2): a higher level of social connectedness between people in Germany and the countries of origin is associated with a higher employment rate for migrants in Germany from the corresponding country.

Graph 1: SCI 2020 vs Immigration Rate, %



Graph 2: SCI 2020 vs Employment Rate, %



### PARAMETERS

**Social Connectedness Index** - measure of the social connectedness between different geographies, based on relative probability that two individuals across two locations are friends with each other on Facebook.

**Immigration rate** - net migration to Germany in relation to the population size in the country of origin.

**Employment rate** - proportion of the working-age population in employment subject to social insurance contributions.

### DATA SOURCES

Facebook Data for Good-Programm, Social Connectedness Index (SCI).

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INTERACTIVE DATABASE ON TABLEAU PUBLIC:

