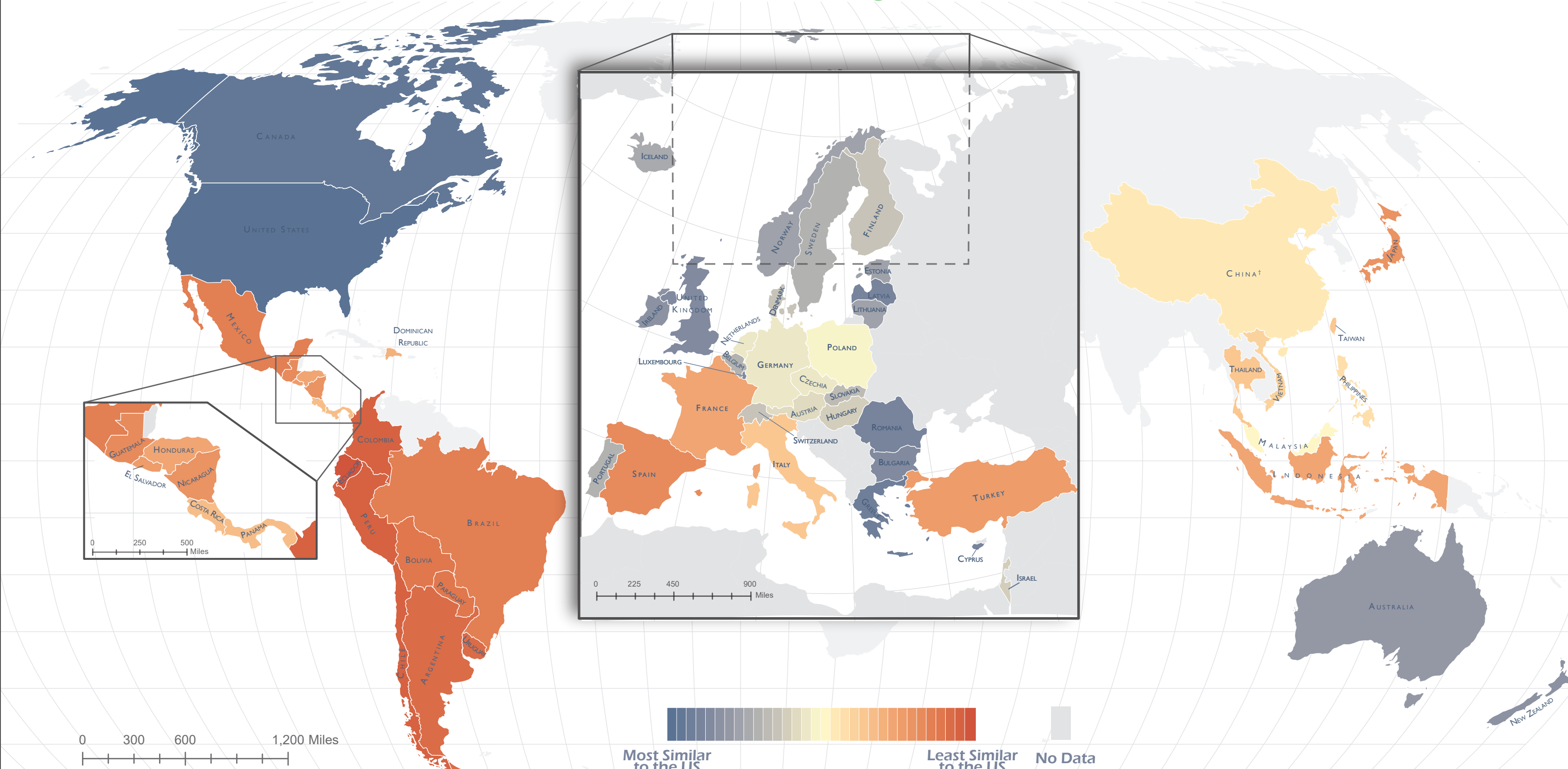


Do We Like the Same Music?

— Comapring Top 200 Charts by Country on  Spotify to US Chart *



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Data Source:
Spotify weekly charts by country, retrieved from
<https://kwork.net/spotify/> on December 4, 2018.

Map Projection:
(base map) Robinson
(inset map 1) Cylindrical Equal Area
Standard parallel: 09° 49' N
Central meridian: 274° 34' E
(inset map 2) Albers Equal Area Conic
Latitude of Origin: 48° 59' N
Standard Parallel 1: 34° 34' N
Standard Parallel 2: 63° 24' N
Central Meridian: 17° 39' E

Notes:
* An index representing the similarity of a country's Spotify Top 200 chart, as an ordered list, to that of the US is calculated for each of the 60 countries. Specifically, the calculation is close in spirit to the Footrule Distance (FD) -- like in FD, I compare the rank of each track in the US chart to that in another country's chart, if it exists, and take the difference; if a track in the US chart is missing from another country's chart, a value of rank=201 is assumed. Finally, all the track-wise differences are added up and normalized by the largest possible difference (In this case, if none of the top 200 track shows up in another chart, the sum would be equal to 1+2+...+200=20100.) to compose the distance index for the respective country.
† Data for Hong Kong are used in place of China as a whole.