

Transnational Facebook Friendship Dataset, version 1.0

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Deutschmann, E. (2015). “The Spatial Structure of Transnational Human Activity”, *arXiv Pre-print*, <http://arxiv.org/abs/1501.05921>

Description:

The Transnational Facebook Friendship Dataset was created by manually coding information from an interactive graph on the *Facebook Stories* website “Mapping the World’s Friendships” (Facebook 2012). It contains, for 187 countries, information on the five countries to which people in these countries are most connected to via Facebook friendships. In specific, the dataset consists of a symmetric network matrix in which rows represent “sender” and columns represent “receiver” countries. The cell values range from 0 to 5 with the following meaning:

- 5 = receiver country is the country with which sender country has the highest number of Facebook friendships
- 4 = receiver country is the country with which sender country has the second-highest number of Facebook friendships
- 3 = receiver country is the country with which sender country has the third-highest number of Facebook friendships
- 2 = receiver country is the country with which sender country has the fourth-highest number of Facebook friendships
- 1 = receiver country is the country with which sender country has the fifth-highest number of Facebook friendships
- 0 = country not mentioned

The coding is thus reverse to the numbering in the original interactive graph (Facebook 2012). Also note that some countries that are available in the original graph are not included in the dataset, which has been standardized to cover the set of countries used in Deutschmann (2015).

References:

Deutschmann, E. (2015). “The Spatial Structure of Transnational Human Activity”, *arXiv Pre-print*, <http://arxiv.org/abs/1501.05921>

Facebook. 2012. “Mapping the World’s Friendships.”, available at: <http://www.facebookstories.com/stories/1574> (last accessed 11 April 2015).

Acknowledgement:

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