Assignment 5

handout: 22 November, 2018 – due: 2 December, 2018, 24:00 – lab: 6 December, 2018

You are permitted and encouraged to work in groups of four.

Project: World Trade Network

The world trade network data set consists of two files: `exports.csv`[1] contains an adjacency matrix of exports in 2008 measured in million USD; and `countries.csv` links the countries to their ISO codes and their 2008 GDP in billion USD[2].

Analyze the world trade network with a focus on the different roles of countries in it and interpret your results. You are completely free in your choice of methods for your data analysis; you may, e.g., use all techniques from the lecture, filter the network, use binning on numeric values, etc.

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[1]`https://dataverse.harvard.edu/file.xhtml?fileId=2432646&version=2.0`, ExDat[[19]]

[2]Extracted from the World Economic Outlook Database of International Monetary Fund, April 2018; GDP for Somalia, North Korea and Cuba taken from the National Accounts Database of the United Nations Statistics Division.