

COVID19-Network_overlap_measures

An adjacency matrix is presenting an overlap of measures over the time. The weight of links for measure **i** to measure **j** is the average value of time overlap. Overlap time is the ratio between the time when measure **i** and measure **j** are active simultaneously and the whole time of measure **i**.

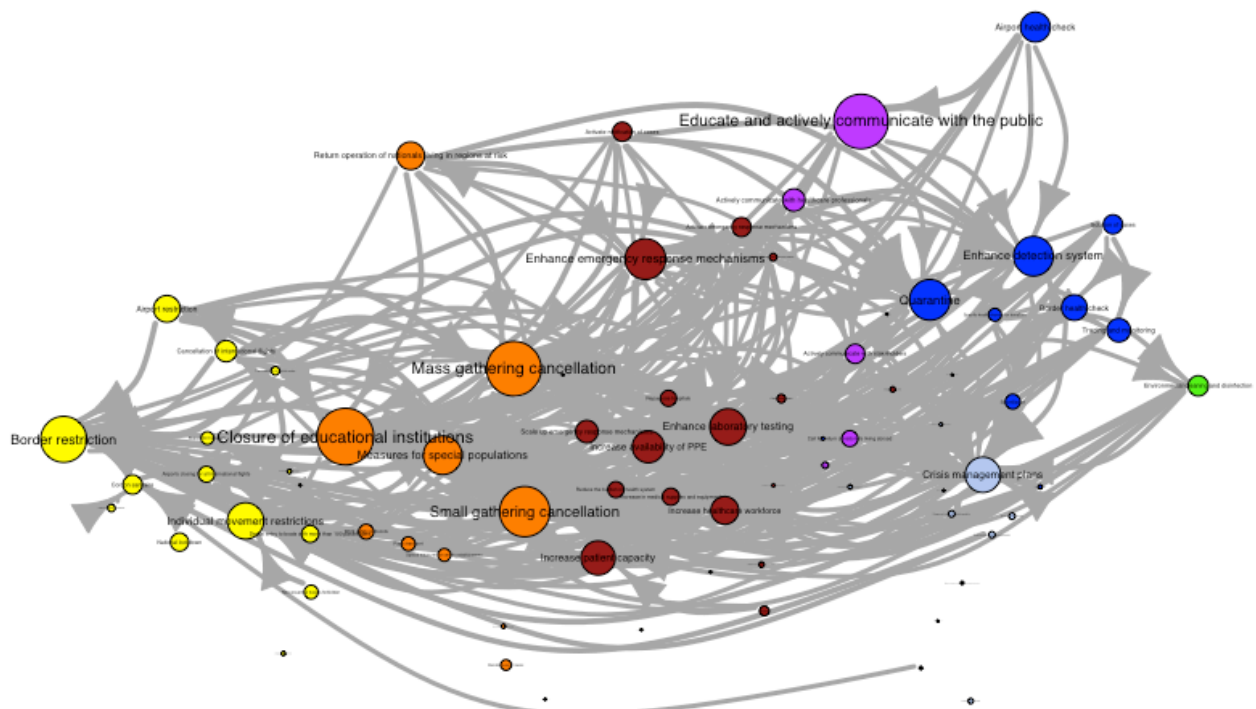
The network is directed. The size of the nodes is proportional to the frequency of measure (number of countries which implemented that measure).

As all measures in our data set to stay active from the starting date without deactivation, all measures have a certain overlap in time. In order to filter only meaningful links, we filtered links with a weight higher than **0.5**.

Total number of links: **297**.

The biggest link:

"Mass gathering cancellation" ---> "Closure of educational institutions" = 0.90



Filtered network

Based on the total number of countries of each measure 20 most frequent measures are filtered.

Total number of links: 113.

