data\_analysis - Filters raw data from existing BTS csv files and creates a processed file with only required fields

distribution\_analysis - Script to plot distribution of data. Plots box-plots and histograms

fleurqin\_thesis - Evolution of network with a given event. Fleurqin model, focuses only on impacted nodes.

network\_approach - Dunn model. Only impacted airports are analyzed, nodes are not allowed to be functional again

or\_conditions - Creating csv file with a list of impacted airports using an or condition. Airport is classified as impacted if the threshold is above the p-value or if it is above a certain percentage of delayed flights for each day.

scripts\_thesis - All the scripts for the thesis work. These are the scripts used to create the lists of impacted airports and plotting results. These results only plot the raw numbers that meet the required criteria of impacted nodes and do not take into consideration the network-specific characteristics.

structure – Degree distribution and network properties etc