

How to Read Network Map !

Network graphs are used to visualise the most frequent word associations within textual articles. These are useful to understand the context of a particular conversation and how it maps out. The network graphs for the dashboard are constructed by analysing the text of the multiple news articles that have been collected.

An interpretation that flows from the graphs is the degree of interconnectedness of keywords. Words or, in technical terms, nodes, which are highly associated with other words, will create groups or clusters within the graph. Thus these words will define a sub topic or a conversation within the news articles. Words which are not associated with each other will appear on different sides of the graph and will not be linked.

The network graphs also display the importance of a particular keyword within the context of the conversation. These are words which are most frequently associated with other words, and will thus mostly appear in the centre of the graph. Trying to move these central nodes will shift the entire graph in the direction of the node. On the other hand, words which are not as significant, and are usually in the periphery of the graph, will not be able to move the graph as much.