Maybe average centrality measures, rank them, and assign colors based on quantile? Could be a good visualization scheme.

Measures of centraility

Degree is the number of nodes connected to another node. The degree of a node is the sum of its row (or column) in the adjacency matrix.

Betweenness: The number of shortest paths in the graph that pass through the node divided by the total number of shortest paths.



that’s the list of nodes included in the path.

Nodes with a high betweenness centrality are of interest because they control information flow in a network, may be required to carry more information (cite this)

Closeness:

Normalized inverse of the sum of topological distances in the graph



distance is the number of edges between 2 nodes. N is the number of nodes. For node i.

determines how central a node is in a network, ie how important it is at spreading information from it to the other nodes in the network.

Most central is determined by all of these measures of centraility

Ref.

Aldous & Wilson, Graphs and Applications.An introductory approach. Springer, 2000.