


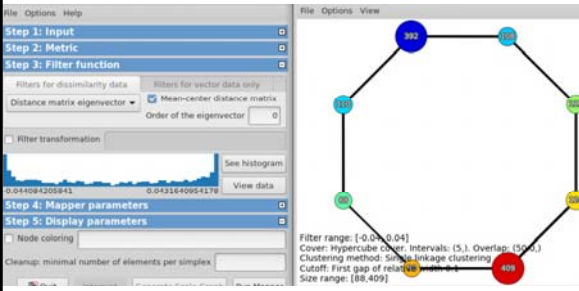
danifold.net/mapper/node_coloring.html

Node coloring

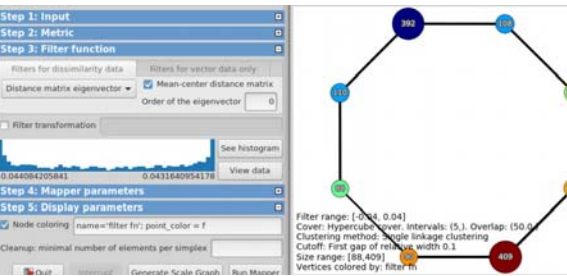
By default, the nodes in the Mapper output are colored by the average filter value: for all points in a node, the average filter value is computed, and then a color map is applied to all nodes. Currently, the color map is Matplotlib's default "jet" color map, with a range from the lowest to the highest filter value of all points. Low filter values are represented by blue, high filter values by red.



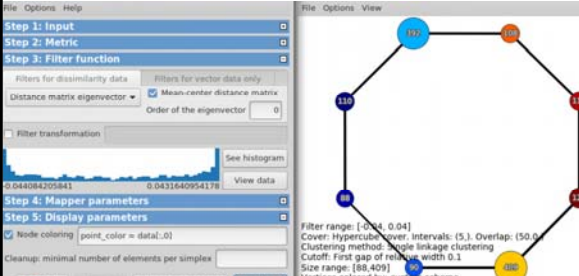
The "jet" color map



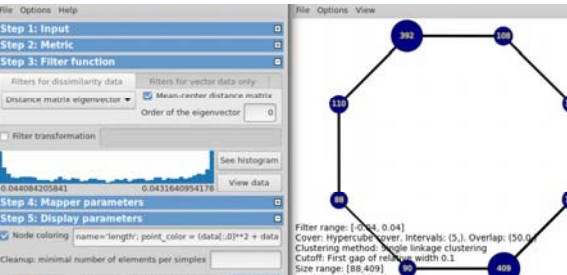
Default coloring is average filter value



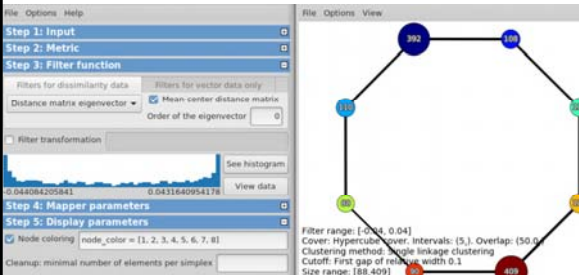
Can also specify color by filter function via
`point_color = f`



`point_color = data[:,0]`



name = 'length';
`point_color = (data[:,0]**2 + data[:,1]**2)**0.5`



Alternatively, can specify node color
`node_color = [1, 2, 3, 4, 5, 6, 7, 8]`

