Correlation Heatmap for Negative difference graph sst2 misclassified -0.40 -0.45 0.74 0.37 0.05 -0.07 1.00 -0.78 -0.71 -0.76 0.17 1.00 1.00 num nodes -0.37 -0.07 -0.45 -0.78 -0.71 num edges -1.00 1.00 0.74 0.05 1.00 -0.40 -0.76 0.17 -1.00 -0.58 -0.99 -0.86 avg\_degree -0.74 0.74 1.00 0.53 0.38 0.20 0.74 -0.58 0.08 max degree -0.37 0.37 0.53 1.00 0.80 0.87 0.37 -0.28 -0.20 -0.51 -0.53 -0.39 -0.04 0.05 0.05 -0.21 -0.35 degree\_variance -0.38 0.80 1.00 0.84 0.05 -0.37 -0.41 -0.10 -0.28 0.84 degree skewness --0.07 -0.07 0.20 0.87 1.00 -0.07 -0.17 -0.07 -0.17 -0.23 -0.01 -0.15 1.00 1.00 0.74 0.37 0.05 -0.07 1.00 -0.40 -0.45 -0.78 -0.71 -0.76 0.17 NSCC avg betweenness --0.40 -0.40 -0.58 -0.28 -0.37 -0.17 1.00 0.62 0.63 -0.40 0.95 0.38 0.09 -0.07 max betweenness --0.45 -0.45 -0.58 -0.20 -0.21 -0.45 0.95 1.00 0.63 0.63 0.45 -0.02 -0.78 -0.78 -1.00 -0.51 -0.35 -0.17 -0.78 0.63 1.00 0.99 0.87 0.62 avg closeness -0.09 -0.71 -0.53 -0.23 -0.71 -0.99 -0.41 -0.71 0.63 0.99 1.00 0.81 max\_closeness -0.63 -0.02 avg\_eigenvector --0.76 -0.76 -0.86 -0.39 -0.10 -0.01 -0.76 0.38 0.45 0.87 0.81 -0.47 1.00 -0.02 -0.28 -0.15 0.17 -0.47 1.00 max eigenvector -0.17 0.17 0.08 -0.04 0.09 -0.09 -0.02 NSCC num\_edges avg\_degree degree\_skewness avg\_betweenness max\_betweenness avg\_closeness max\_closeness max\_degree avg\_eigenvector

- 1.00 - 0.75 - 0.50 - 0.25 0.00 -0.25- -0.50 - -0.75

Correlation