Correlation Heatmap for Sci-Tech graph ag-news misclassified -0.21 0.12 0.84 0.39 0.03 0.21 1.00 -0.37 -0.86 -0.85 -0.63 1.00 1.00 num nodes -0.39 0.21 -0.37 -0.21 -0.86 -0.85 0.12 num edges -1.00 1.00 0.84 0.03 1.00 -0.63 -0.99 -1.00 avg_degree -0.84 0.84 1.00 0.39 0.07 0.23 0.84 -0.36 -0.20 -0.72 0.12 max degree -0.39 0.39 0.39 1.00 0.77 0.95 0.39 -0.36 -0.24 -0.42 -0.40 -0.27 0.04 0.03 0.03 0.77 0.03 -0.10 -0.09 degree_variance -0.07 1.00 0.88 -0.26 -0.17 0.04 -0.11 0.88 degree skewness -0.21 0.21 0.23 0.95 1.00 0.21 -0.30 -0.19 -0.26 -0.25 -0.14 -0.01 1.00 1.00 0.84 0.39 0.03 0.21 1.00 -0.37 -0.21 -0.86 -0.85 -0.63 NSCC -0.12 avg betweenness --0.37 -0.37 -0.36 -0.26 -0.30 -0.37 1.00 0.92 0.44 0.41 -0.36 0.23 -0.02 -0.21 -0.17 -0.19 -0.21 max betweenness --0.21 -0.20 -0.24 0.92 1.00 0.28 0.26 0.10 0.02 -0.86 -0.86 -0.99 -0.42 -0.10 -0.26 -0.86 0.28 1.00 1.00 0.72 -0.12 0.44 avg closeness -0.85 -1.00 -0.85 -0.09 -0.25 1.00 1.00 0.71 max_closeness --0.40 -0.85 0.41 0.26 -0.10 avg_eigenvector --0.63 -0.63 -0.72 -0.27 0.04 -0.14 -0.63 0.23 0.10 0.72 0.71 -0.71 1.00 0.12 -0.12 -0.71 0.12 -0.11 1.00 max eigenvector -0.12 0.04 -0.01 0.12 -0.02 0.02 -0.10 NSCC num_nodes 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

Correlation

-0.25

- -0.50

- -0.75