Correlation Heatmap for Sci-Tech difference graph ag-news classified -0.48 0.52 0.32 0.02 0.10 1.00 -0.43 -0.60 -0.50 -0.58 1.00 1.00 0.06 num nodes num_edges -0.32 0.02 -0.48 -0.43 -0.60 -0.50 1.00 1.00 0.52 0.10 1.00 -0.58 0.06 -0.99 -0.53 -1.00 avg_degree -0.52 0.52 1.00 0.30 0.19 0.13 0.52 -0.61 -0.88 -0.05 max degree -0.32 0.32 0.30 1.00 0.81 0.94 0.32 -0.36 -0.30 -0.33 -0.30 -0.25 -0.06 0.02 0.02 -0.20 -0.21 degree_variance -0.19 0.81 1.00 0.88 0.02 -0.32 -0.23 -0.05 -0.19 0.88 degree skewness -0.10 0.10 0.13 0.94 1.00 0.10 -0.24 -0.18 -0.14 -0.14 -0.06 -0.08 1.00 1.00 0.52 0.32 0.02 0.10 1.00 -0.48 -0.43 -0.60 -0.50 -0.58 0.06 NSCC --0.48 -0.48 -0.61 -0.36 -0.32 -0.24 1.00 0.67 0.60 avg betweenness --0.48 0.94 0.57 0.04 -0.53 -0.23 -0.18 max betweenness --0.43 -0.43 -0.30 -0.43 0.94 1.00 0.59 0.52 0.51 0.02 -0.60 -0.60 -0.99 -0.33 -0.20 -0.14 -0.60 0.67 0.59 1.00 0.98 avg closeness 0.90 0.04 -0.14 -0.21 -0.50 0.98 1.00 max_closeness --0.50 -0.50 -1.00 -0.30 0.60 0.52 0.87 0.06 avg_eigenvector --0.58 -0.58 -0.25 -0.05 -0.06 -0.58 0.57 0.51 0.90 0.87 -0.31 -0.88 1.00 -0.31 1.00 max eigenvector -0.06 0.06 -0.05 -0.06 -0.19 -0.08 0.06 0.04 0.02 0.04 0.06 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

0.00

-0.25

-0.50

- -0.75

Correlation