Correlation Heatmap for Sports subgraph ag-news classified 0.54 0.68 0.17 0.45 0.30 0.16 1.00 -0.23 -0.22 -0.62 -0.54 -0.64 -0.00 num nodes - 1.00 1.00 1.00 0.54 0.67 0.16 0.45 0.30 0.15 1.00 -0.23 -0.22 -0.62 -0.54 -0.64 -0.01 num edges -1.00 0.13 -0.48 avg degree -0.54 0.54 1.00 0.76 0.77 0.63 0.48 0.62 0.54 0.06 -0.45 -0.41 0.23 1.00 0.39 0.90 0.34 -0.09 -0.64 -0.63 -0.54 max degree -0.68 0.67 0.76 0.83 0.68 -0.16 -0.10 0.16 0.77 0.39 1.00 0.28 0.28 0.81 0.17 0.12 0.16 0.22 0.18 0.22 min degree -0.17 0.53 -0.18 -0.10 -0.59 -0.59 -0.44 degree variance 0.45 0.45 0.63 0.90 0.28 1.00 0.84 0.24 0.45 -0.24 0.30 0.28 0.30 -0.18 -0.09 -0.38 -0.42 -0.16 -0.26 degree skewness 0.83 0.30 0.48 0.84 1.00 0.28 0.16 0.81 0.24 0.28 1.00 0.16 0.07 0.09 0.13 0.10 0.15 **NWCC** -0.15 0.62 0.34 0.40 NSCC -1.00 1.00 0.54 0.68 0.17 0.45 0.30 0.16 1.00 -0.23 -0.22 -0.62 -0.54 -0.64 -0.00 0.12 0.07 0.95 0.18 0.14 avg betweenness --0.23 -0.23 0.06 -0.16 -0.18 -0.18 -0.23 1.00 -0.00 0.28 0.95 1.00 0.08 -0.04 max betweenness -0.22 -0.22 0.13 -0.09 0.16 -0.10 -0.09 0.09 -0.22 0.13 0.25 0.22 -0.59 0.13 0.98 -0.62 -0.62 -0.45 -0.64 -0.38 -0.62 0.18 0.13 1.00 0.92 avg closeness 0.40 -0.54 -0.54 0.14 0.98 1.00 0.10 max closeness -0.54 -0.48 -0.63 0.18 -0.59 -0.42 0.08 0.85 0.43 0.92 0.85 1.00 -0.64 -0.64 -0.41 -0.54 0.22 -0.44 0.15 -0.64 -0.00 -0.04 avg eigenvector --0.16 0.15 0.25 0.40 0.43 -0.00 -0.01 0.23 -0.10 0.53 -0.24 0.40 -0.00 0.28 0.15 max eigenvector --0.26 1.00 NWCC NSCC edges avg_betweenness max_betweenness max_closeness avg_eigenvector avg_degree max_degree min_degree degree_variance max_eigenvector avg_closen

- 1.0

- 0.8

- 0.6

- 0.4

- 0.2

- 0.0

Correlation

- -0.2

- -0.4

-0.6