Correlation Heatmap for Business subgraph ag-news classified 0.55 0.65 0.21 0.40 0.21 0.20 1.00 -0.11 -0.07 -0.61 -0.54 -0.63 0.05 num nodes - 1.00 1.00 1.00 0.54 0.64 0.20 0.39 0.20 0.19 1.00 -0.11 -0.07 -0.62 -0.55 -0.63 0.04 num edges -1.00 0.22 -0.35 avg degree -0.55 0.54 1.00 0.75 0.83 0.57 0.41 0.68 0.55 0.15 -0.30 -0.27 0.36 0.47 0.41 0.03 -0.51 -0.53 -0.38 max degree -0.65 0.64 0.75 1.00 0.89 0.79 0.65 -0.07 -0.04 0.21 0.20 0.83 0.47 1.00 0.31 0.33 0.21 0.16 0.20 0.28 0.22 0.26 min degree -0.84 0.57 -0.14 -0.02 -0.46 -0.49 -0.26 degree variance 0.40 0.39 0.57 0.89 0.31 1.00 0.83 0.27 0.40 -0.23 0.20 0.33 0.32 0.21 -0.16 -0.05 -0.19 -0.27 0.08 -0.25 degree skewness 0.79 0.21 0.41 0.83 1.00 NWCC -0.20 0.27 0.32 1.00 0.20 0.10 0.13 0.18 0.14 0.20 0.19 0.68 0.41 0.84 0.44 NSCC -1.00 1.00 0.55 0.65 0.21 0.40 0.21 0.20 1.00 -0.11 -0.07 -0.61 -0.54 -0.63 0.05 -0.11 -0.14 0.10 0.95 0.12 0.11 -0.11 avg betweenness --0.11 0.15 -0.07 0.16 -0.16 -0.11 1.00 0.33 1.00 0.05 -0.14 max betweenness -0.07 -0.07 0.22 0.03 0.20 -0.02 -0.05 0.13 -0.07 0.95 0.07 0.28 -0.51 0.28 -0.46 0.18 0.98 -0.61 -0.62 -0.30 -0.19 -0.61 0.12 0.07 1.00 0.90 avg closeness 0.37 0.22 -0.54 0.11 0.98 1.00 0.14 max closeness -0.54 -0.55 -0.35 -0.53 -0.49 -0.27 0.05 0.82 0.40 -0.63 -0.26 -0.63 -0.11 -0.14 0.90 0.82 1.00 -0.63 -0.27 -0.38 0.26 avg eigenvector -0.08 0.20 0.08 -0.25 0.44 0.28 0.37 0.40 0.05 0.04 0.36 -0.04 0.57 -0.23 0.05 0.33 max eigenvector -0.08 1.00 NWCC NSCC edges avg_betweenness max_betweenness max_closeness avg_degree max_degree min_degree degree_variance avg_eigenvector max_eigenvector avg_closen

- 1.0 - 0.8 - 0.6 - 0.4 Correlation - 0.2 - 0.0 - -0.2 - -0.4

- -0.6