Correlation Heatmap for Negative subgraph sst2 classified num nodes - 1.00 0.62 0.68 0.32 0.49 0.31 0.31 1.00 0.26 0.32 -0.46 -0.43 -0.50 0.19 1.00 num edges -1.00 0.60 0.67 0.29 0.49 0.30 0.28 1.00 0.26 0.31 -0.48 -0.45 -0.52 0.16 1.00 0.63 -0.14 avg degree -0.62 0.60 1.00 0.86 0.86 0.63 0.84 0.62 0.41 0.46 -0.04 0.03 0.53 1.00 0.58 0.91 0.37 -0.35 -0.42 -0.21 max degree -0.68 0.67 0.86 0.85 0.57 0.68 0.29 0.18 min degree -0.29 0.86 0.58 1.00 0.35 0.43 0.98 0.32 0.23 0.25 0.47 0.38 0.50 0.32 0.78 0.16 0.23 -0.42 -0.46 -0.24 degree variance 0.49 0.49 0.63 0.91 0.35 1.00 0.85 0.34 0.49 -0.06 0.31 0.30 0.63 0.85 0.44 0.31 0.13 -0.26 -0.38 0.02 -0.05 degree skewness 0.43 0.85 1.00 0.06 NWCC -0.31 0.28 0.84 0.57 0.98 0.34 0.44 1.00 0.31 0.22 0.25 0.45 0.36 0.49 0.75 NSCC -1.00 1.00 0.62 0.68 0.32 0.49 0.31 0.31 1.00 0.26 0.32 -0.46 -0.43 -0.50 0.19 0.41 0.23 0.22 0.96 -0.21 -0.23 -0.35 avg betweenness 0.26 0.26 0.29 0.16 0.06 0.26 1.00 0.26 0.25 0.96 1.00 -0.25 -0.27 -0.38 max betweenness 0.32 0.31 0.46 0.37 0.23 0.13 0.25 0.32 0.23 -0.42 -0.46 -0.48 -0.04 -0.35 0.47 -0.26 0.45 -0.46 -0.21 -0.25 0.98 avg closeness 1.00 0.91 0.62 -0.43 -0.14 0.36 -0.43 -0.23 -0.27 0.98 1.00 0.38 -0.46 max closeness -0.45 -0.42 -0.38 0.83 0.61 -0.52 -0.50 0.91 -0.50 -0.21 -0.38 0.83 1.00 0.03 0.50 -0.24 0.49 -0.35 avg eigenvector -0.02 0.43 0.16 0.53 0.19 0.62 0.61 0.19 0.18 0.78 -0.06 0.75 0.26 0.23 0.43 max eigenvector --0.05 1.00 NWCC NSCC num_nodes degree_variance avg_betweenness max_betweenness avg_closeness max_closeness avg_eigenvector num_edges avg_degree max_degree min_degree max_eigenvector

- 1.0

- 0.8

- 0.6

- 0.4

- 0.2

- 0.0

- -0.2

- -0.4

Correlation