Correlation Heatmap for Sports difference graph ag-news classified 0.63 0.38 0.16 0.13 1.00 -0.57 -0.53 -0.70 -0.65 -0.65 1.00 1.00 -0.00 num nodes num\_edges -0.38 -0.57 -0.53 -0.70 -0.65 1.00 1.00 0.63 0.16 0.13 1.00 -0.65 -0.00 -0.99 -0.58 -1.00 -0.90 avg\_degree -0.63 0.63 1.00 0.40 0.36 0.19 0.63 -0.64 -0.09 max degree -0.38 0.38 0.40 1.00 0.82 0.92 0.38 -0.42 -0.35 -0.43 -0.41 -0.34 -0.10 -0.37 degree\_variance -0.16 0.16 0.36 0.82 1.00 0.86 0.16 -0.42 -0.33 -0.37 -0.24 -0.21 0.86 degree skewness -0.13 0.13 0.19 0.92 1.00 0.13 -0.29 -0.23 -0.21 -0.20 -0.13 -0.09 1.00 1.00 0.63 0.38 0.16 0.13 1.00 -0.57 -0.53 -0.70 -0.65 -0.65 -0.00 NSCC avg betweenness --0.57 -0.57 -0.64 -0.42 -0.42 -0.29 -0.57 1.00 0.71 0.68 0.94 0.55 0.09 -0.53 -0.58 -0.33 -0.23 max betweenness --0.53 -0.35 -0.53 0.94 1.00 0.64 0.62 0.51 0.06 -0.70 -0.70 -0.99 -0.43 -0.37 -0.21 -0.70 0.71 0.64 1.00 0.99 avg closeness 0.90 0.09 -0.65 -0.20 -0.37 0.62 0.99 1.00 max\_closeness --0.65 -1.00 -0.41 -0.65 0.68 0.88 0.10 avg\_eigenvector --0.65 -0.65 -0.34 -0.24 -0.13 -0.65 0.55 0.51 0.90 0.88 -0.90 1.00 -0.25 -0.09 -0.10 -0.21 -0.25 1.00 max eigenvector --0.00 -0.00 -0.09 -0.00 0.09 0.06 0.09 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

0.00

-0.25

-0.50

- -0.75

Correlation