Correlation Heatman for Positive subgraph sst2 misclassified

|                   |               |               | C            | correlat     | tion He      | eatmap            | for Po            | sitive | subgra | ph sst2           | 2 miscl           | assifie         | d               |                   |                   |
|-------------------|---------------|---------------|--------------|--------------|--------------|-------------------|-------------------|--------|--------|-------------------|-------------------|-----------------|-----------------|-------------------|-------------------|
| num_nodes -       | 1.00          | 1.00          | 0.54         | 0.55         | 0.29         | 0.33              | 0.12              | 0.29   | 1.00   | -0.06             | -0.07             | -0.53           | -0.48           | -0.55             | 0.14              |
| num_edges -       | 1.00          | 1.00          | 0.52         | 0.54         | 0.27         | 0.32              | 0.11              | 0.27   | 1.00   | -0.07             | -0.08             | -0.54           | -0.49           | -0.56             | 0.13              |
| avg_degree -      | 0.54          | 0.52          | 1.00         | 0.77         | 0.91         | 0.58              | 0.43              | 0.91   | 0.54   | 0.30              | 0.33              | -0.06           | -0.14           | -0.04             | 0.54              |
| max_degree -      | 0.55          | 0.54          | 0.77         | 1.00         | 0.59         | 0.92              | 0.83              | 0.59   | 0.55   | 0.03              | 0.15              | -0.30           | -0.36           | -0.16             | 0.13              |
| min_degree -      | 0.29          | 0.27          | 0.91         | 0.59         | 1.00         | 0.40              | 0.36              | 1.00   | 0.29   | 0.32              | 0.36              | 0.37            | 0.29            | 0.35              | 0.70              |
| degree_variance - | 0.33          | 0.32          | 0.58         | 0.92         | 0.40         | 1.00              | 0.88              | 0.40   | 0.33   | -0.07             | 0.09              | -0.31           | -0.38           | -0.12             | -0.09             |
| degree_skewness - | 0.12          | 0.11          | 0.43         | 0.83         | 0.36         | 0.88              | 1.00              | 0.36   | 0.12   | -0.07             | 0.11              | -0.10           | -0.19           | 0.13              | -0.10             |
| NWCC -            | 0.29          | 0.27          | 0.91         | 0.59         | 1.00         | 0.40              | 0.36              | 1.00   | 0.29   | 0.32              | 0.36              | 0.37            | 0.29            | 0.35              | 0.70              |
| NSCC -            | 1.00          | 1.00          | 0.54         | 0.55         | 0.29         | 0.33              | 0.12              | 0.29   | 1.00   | -0.06             | -0.07             | -0.53           | -0.48           | -0.55             | 0.14              |
| avg_betweenness - | -0.06         | -0.07         | 0.30         | 0.03         | 0.32         | -0.07             | -0.07             | 0.32   | -0.06  | 1.00              | 0.93              | 0.19            | 0.11            | 0.00              | 0.44              |
| max_betweenness - | -0.07         | -0.08         | 0.33         | 0.15         | 0.36         | 0.09              | 0.11              | 0.36   | -0.07  | 0.93              | 1.00              | 0.20            | 0.11            | 0.07              | 0.37              |
| avg_closeness -   | -0.53         | -0.54         | -0.06        | -0.30        | 0.37         | -0.31             | -0.10             | 0.37   | -0.53  | 0.19              | 0.20              | 1.00            | 0.98            | 0.91              | 0.49              |
| max_closeness -   | -0.48         | -0.49         | -0.14        | -0.36        | 0.29         | -0.38             | -0.19             | 0.29   | -0.48  | 0.11              | 0.11              | 0.98            | 1.00            | 0.84              | 0.48              |
| avg_eigenvector - | -0.55         | -0.56         | -0.04        | -0.16        | 0.35         | -0.12             | 0.13              | 0.35   | -0.55  | 0.00              | 0.07              | 0.91            | 0.84            | 1.00              | 0.23              |
| max_eigenvector - | 0.14          | 0.13          | 0.54         | 0.13         | 0.70         | -0.09             | -0.10             | 0.70   | 0.14   | 0.44              | 0.37              | 0.49            | 0.48            | 0.23              | 1.00              |
|                   | - unm_nodes - | - sagpa - unu | avg_degree - | max_degree - | min_degree - | degree_variance - | degree_skewness - | - NWCC | NSCC - | avg_betweenness - | max_betweenness - | avg_closeness - | max_closeness - | avg_eigenvector - | max_eigenvector - |

- 1.0

- 0.8

- 0.6

- 0.4 Correlation

- 0.0

- -0.2

- -0.4