Correlation Heatmap for Sci-Tech graph ag-news classified

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num_nodes -	1.00	1.00	0.83	0.21	-0.08	0.05	1.00	-0.40	-0.33	-0.84	-0.84	-0.59	0.10
num_edges -	1.00	1.00	0.83	0.21	-0.08	0.05	1.00	-0.40	-0.33	-0.84	-0.84	-0.59	0.10
avg_degree -	0.83	0.83	1.00	0.18	-0.11	0.02	0.83	-0.41	-0.31	-0.99	-1.00	-0.71	0.10
max_degree -	0.21	0.21	0.18	1.00	0.80	0.96	0.21	-0.25	-0.19	-0.21	-0.20	-0.07	-0.01
degree_variance -	-0.08	-0.08	-0.11	0.80	1.00	0.87	-0.08	-0.23	-0.16	0.06	0.07	0.23	-0.16
degree_skewness -	0.05	0.05	0.02	0.96	0.87	1.00	0.05	-0.19	-0.14	-0.05	-0.04	0.05	-0.03
NSCC -	1.00	1.00	0.83	0.21	-0.08	0.05	1.00	-0.40	-0.33	-0.84	-0.84	-0.59	0.10
avg_betweenness -	-0.40	-0.40	-0.41	-0.25	-0.23	-0.19	-0.40	1.00	0.93	0.49	0.47	0.24	-0.00
max_betweenness -	-0.33	-0.33	-0.31	-0.19	-0.16	-0.14	-0.33	0.93	1.00	0.39	0.37	0.19	-0.01
avg_closeness -	-0.84	-0.84	-0.99	-0.21	0.06	-0.05	-0.84	0.49	0.39	1.00	1.00	0.70	-0.09
max_closeness -	-0.84	-0.84	-1.00	-0.20	0.07	-0.04	-0.84	0.47	0.37	1.00	1.00	0.69	-0.08
avg_eigenvector -	-0.59	-0.59	-0.71	-0.07	0.23	0.05	-0.59	0.24	0.19	0.70	0.69	1.00	-0.69
max_eigenvector -	0.10	0.10	0.10	-0.01	-0.16	-0.03	0.10	-0.00	-0.01	-0.09	-0.08	-0.69	1.00
	num_nodes -	- unm_edges	avg_degree -	max_degree -	degree_variance -	degree_skewness -	NSCC -	avg_betweenness -	max_betweenness -	avg_closeness -	max_closeness -	avg_eigenvector -	max_eigenvector -

- 1.00

- 0.75

- 0.50

- 0.25

Correlation

- –0.25

- -0.50

- -0.75