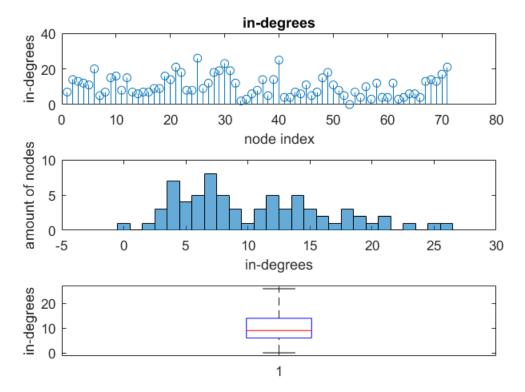
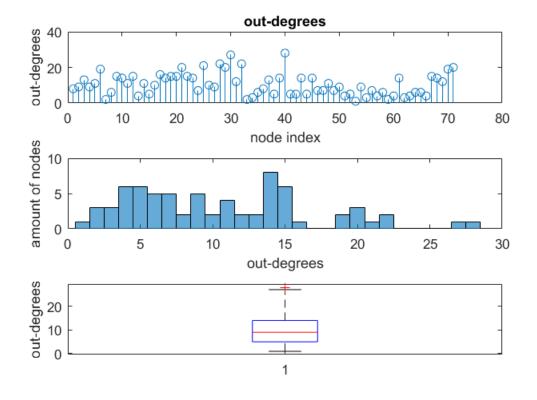
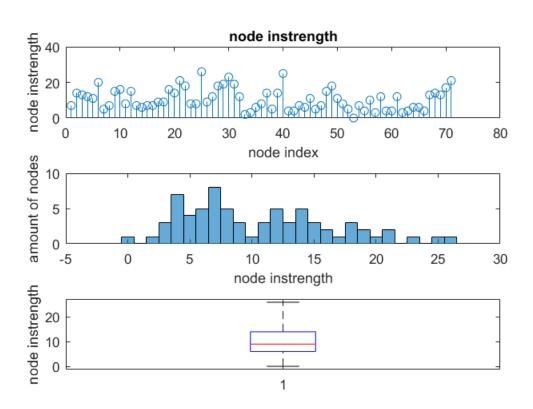
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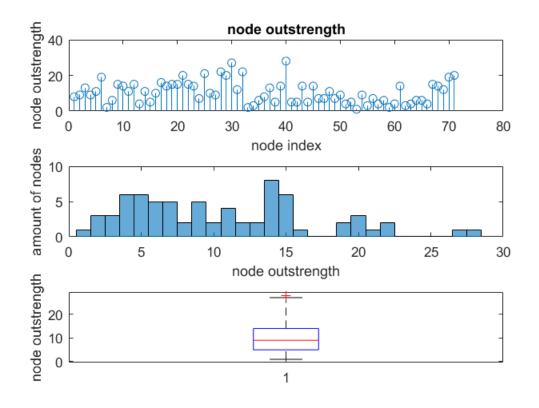
| | . 1 |
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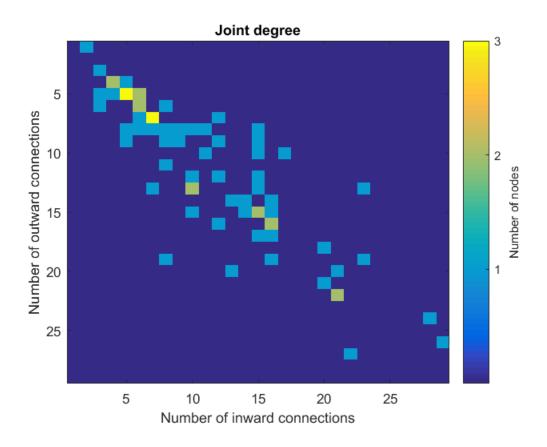
Degree and Similarity

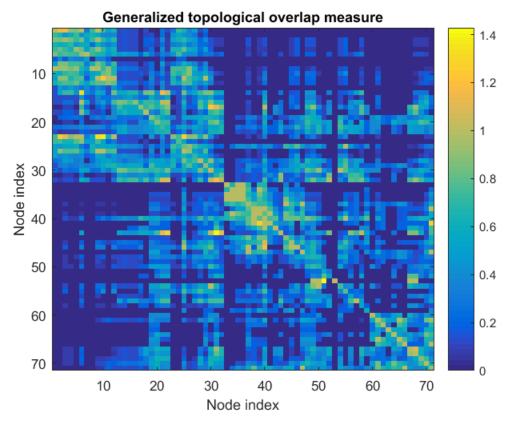


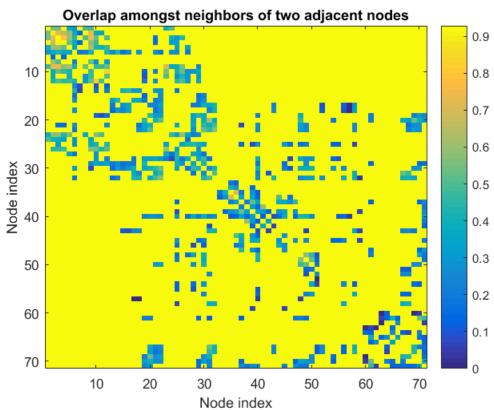


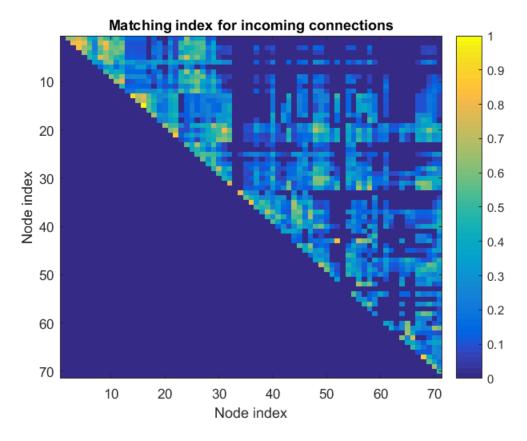


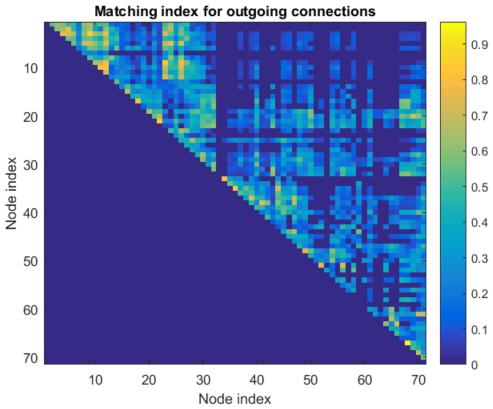


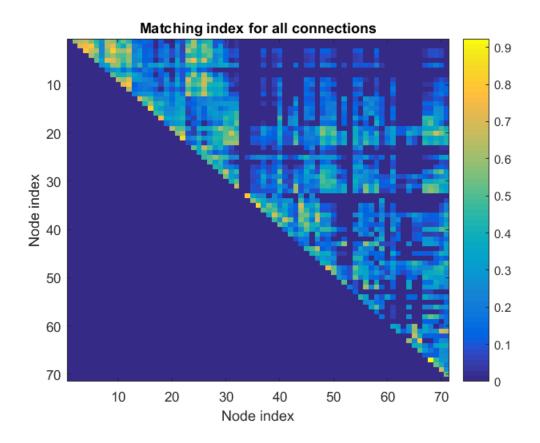












Density and Rentian Scaling:

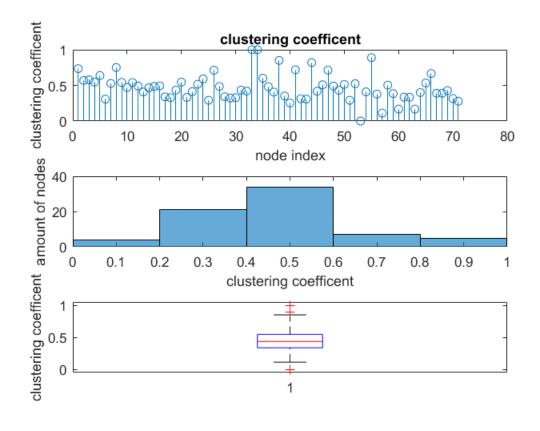
Density = 0.1501 Number of vertices = 71 Number of edges = 746

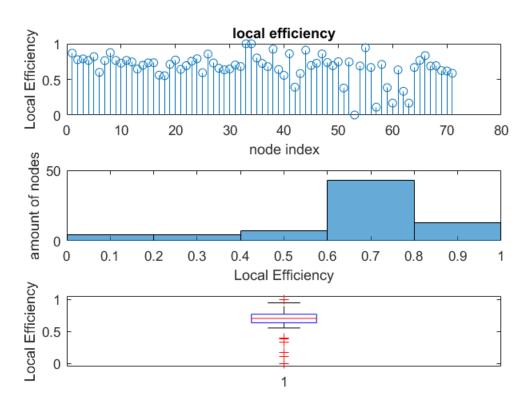
Clustering and Community Structure

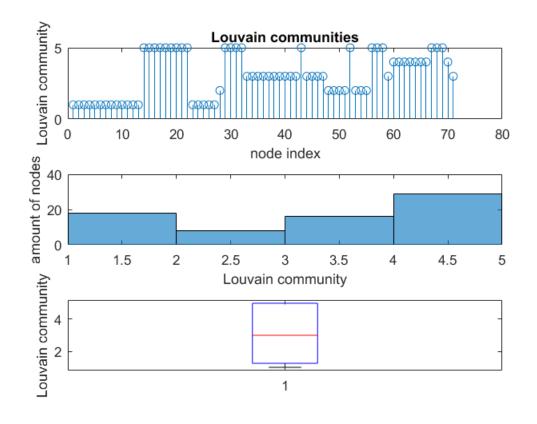
Transitivity scalar = 0.39797

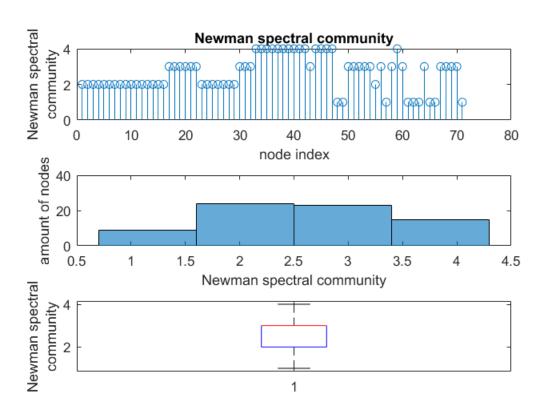
Eglob =

0.4961





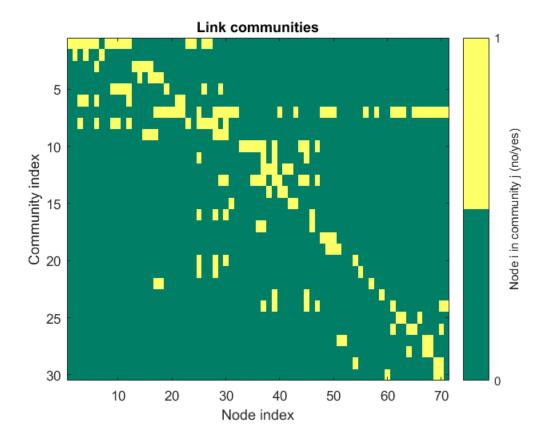




| hierarchy | 1 |
|-----------|----|
| hierarchy | 2 |
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| hierarchy | 8 |
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| hierarchy | 98 99 |
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| hierarchy | 102 |
| hierarchy | 103 |
| hierarchy | 104 |
| hierarchy | 105 |
| hierarchy | |
| hierarchy | 107 108 |
| TITEL AT CITY | 100 |

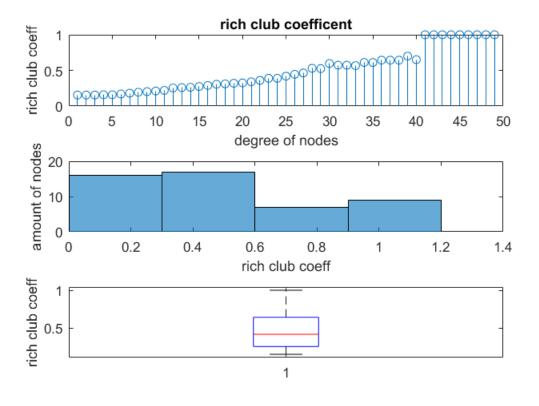
| hierarchy | 109 |
|-----------|-----|
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| hierarchy | 117 |
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| hierarchy | 136 |
| hierarchy | 137 |
| hierarchy | 138 |

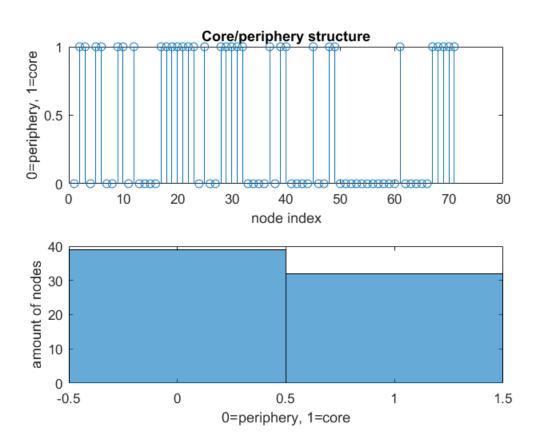


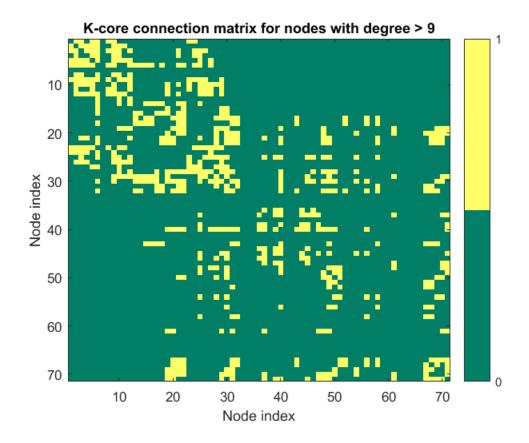
clique_communities.m (BU networks) Clique-percolation community-detection algorithm (detects overlapping communities).

Assortativity and Core Structure:

0 1 1 1 1 1

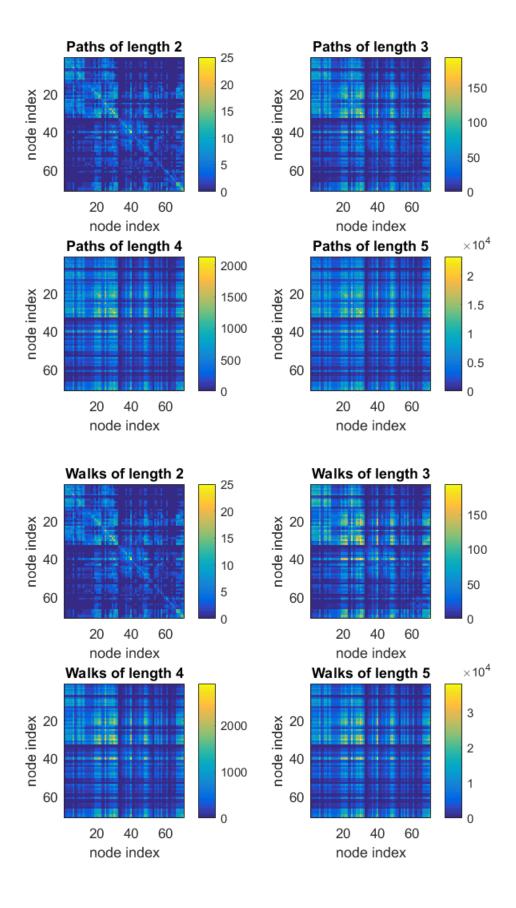


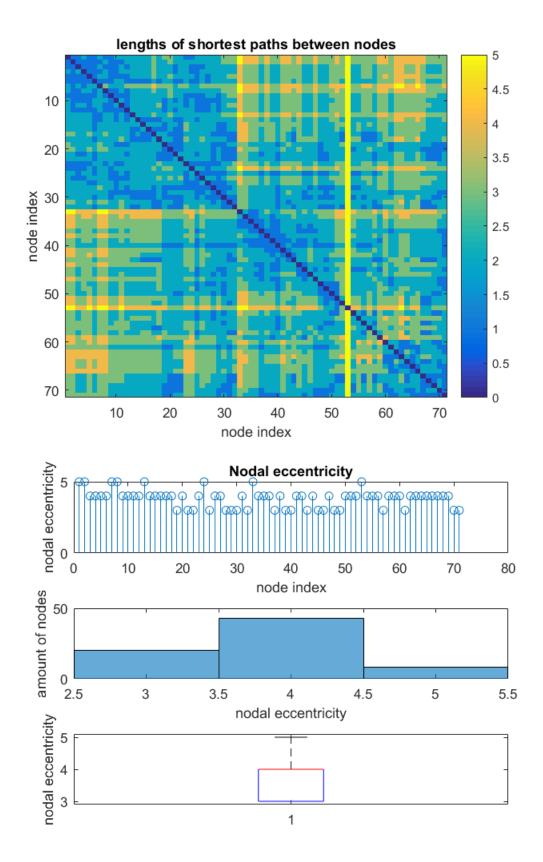




Paths and Distances

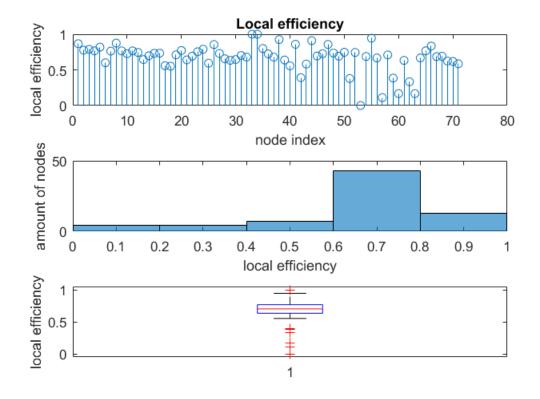
```
current pathlength (q) = 2
                             number of paths so far (up to q-1)= 746
current pathlength (q) = 3
                             number of paths so far (up to q-1)= 10823
current pathlength (q) = 4
                             number of paths so far (up to q-1)=
 131657
current pathlength (q) = 5
                             number of paths so far (up to q-1)=
 1574614
fraction of all paths that are cycles for path length 1: 0
fraction of all paths that are cycles for path length 2: 0.061129
fraction of all paths that are cycles for path length 3: 0.030563
fraction of all paths that are cycles for path length 4: 0.025575
fraction of all paths that are cycles for path length 5: 0.022521
probability that a non-cyclic path of length 0 can be extended to form
 a cycle of length 1: 0
probability that a non-cyclic path of length 1 can be extended to form
 a cycle of length 2: 0.82574
probability that a non-cyclic path of length 2 can be extended to form
 a cycle of length 3: 0.39034
probability that a non-cyclic path of length 3 can be extended to form
 a cycle of length 4: 0.31504
probability that a non-cyclic path of length 4 can be extended to form
 a cycle of length 5: 0.26711
```

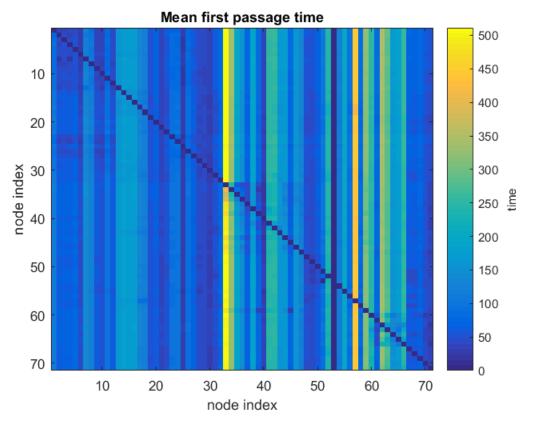


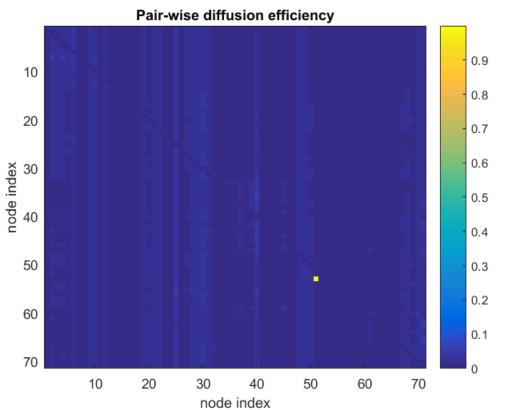


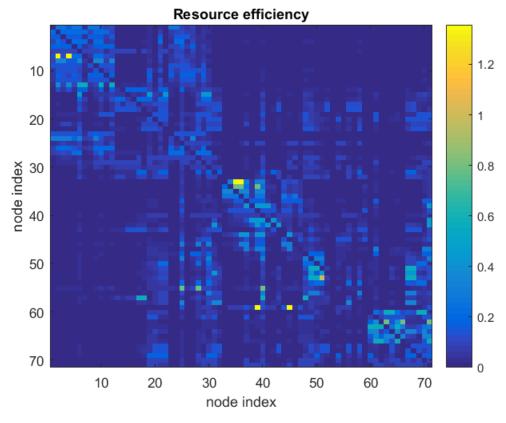
Efficiency and Diffusion

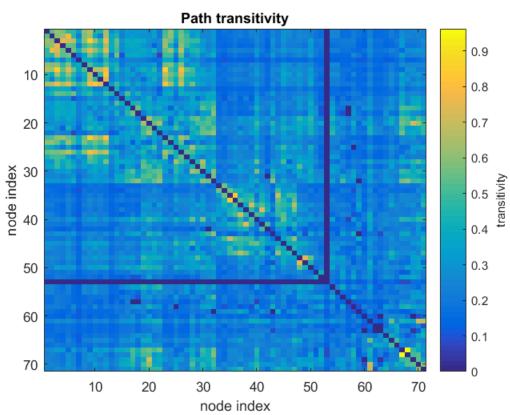
Global efficiency: 0.49609

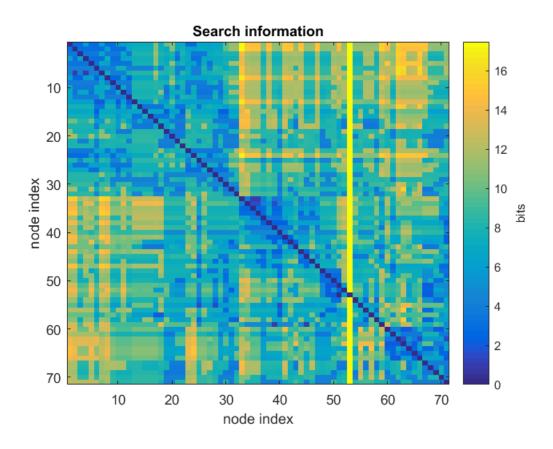




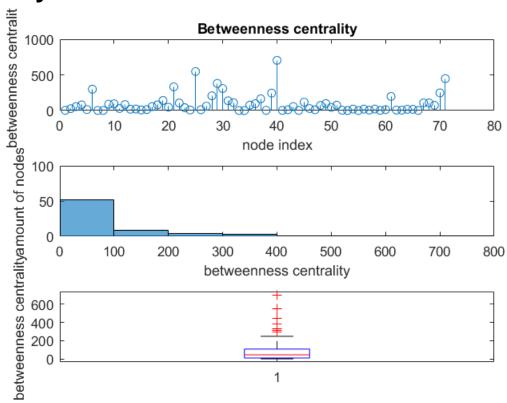


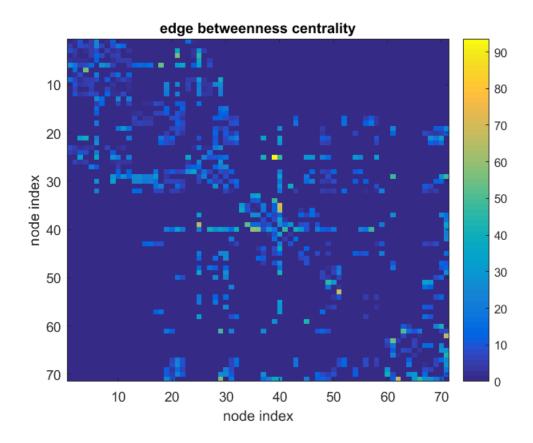




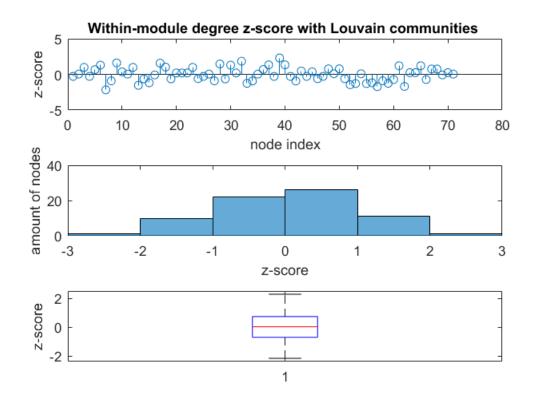


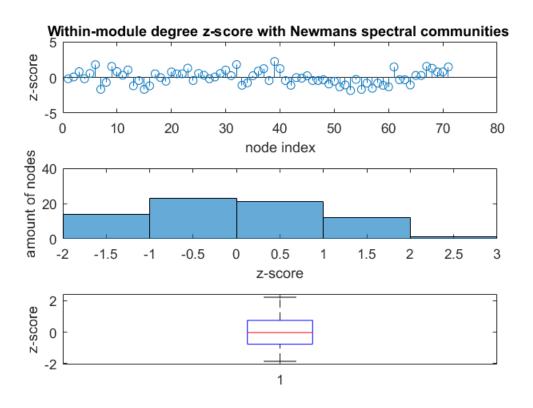
Centrality

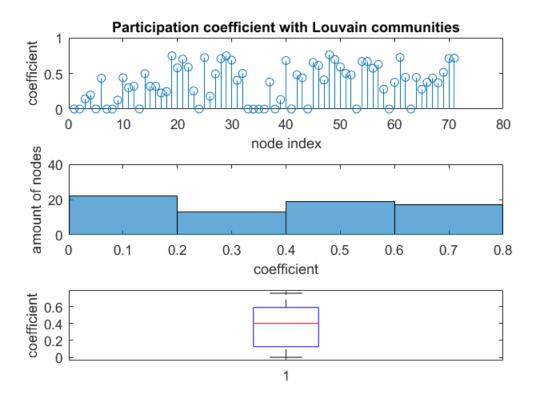


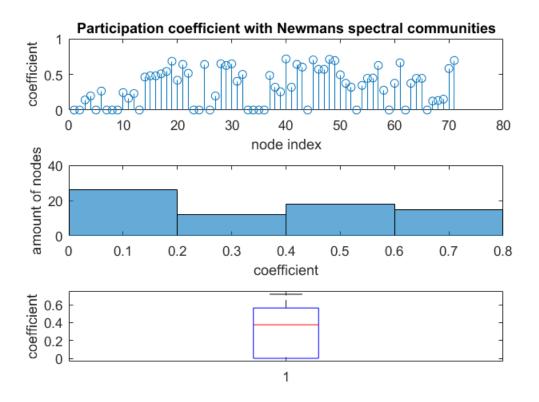


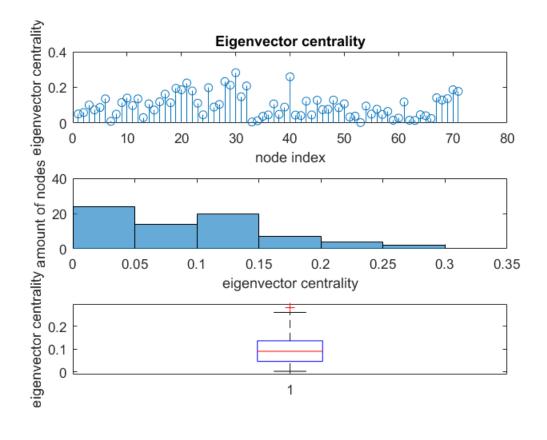
average range for entire graph: 2.0188 fraction of shortcuts in the graph: 0.020107

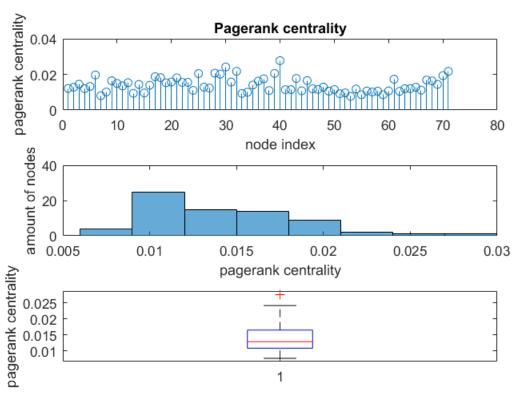


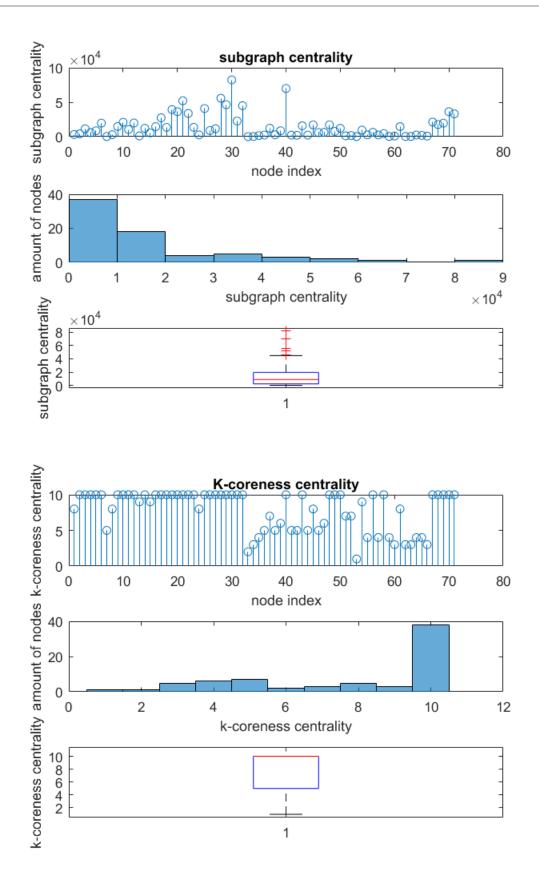


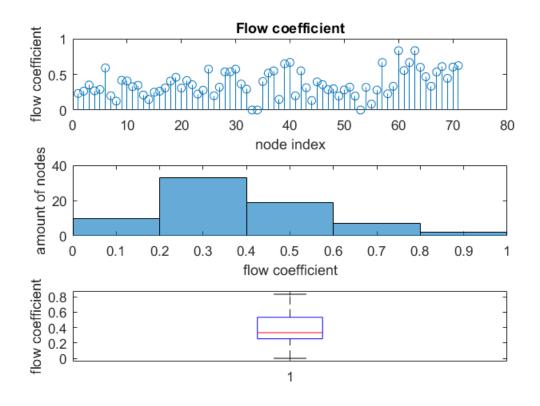


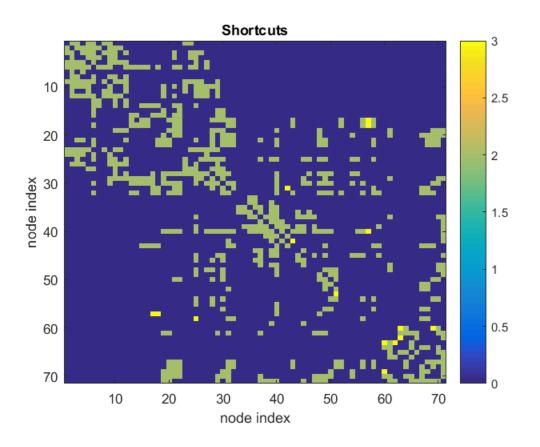




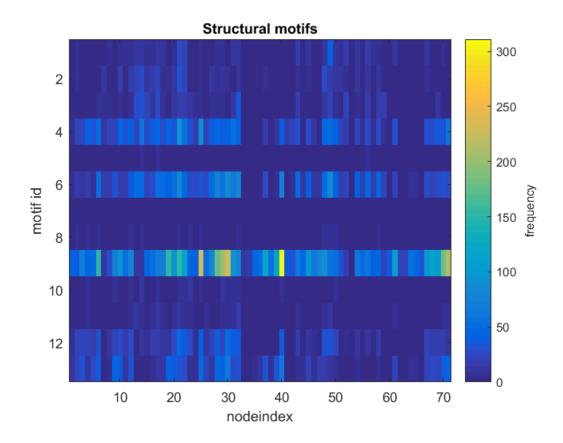


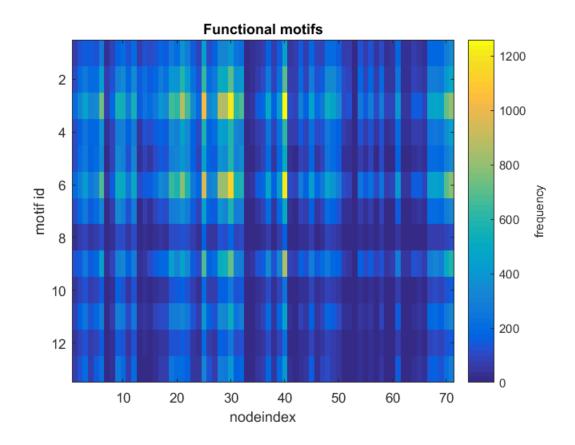






Motifs





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