|  |  |  |  |
| --- | --- | --- | --- |
|  | Karate club | Dolphins Network | Jazz Musicians |
| No. of nodes | 34 | 62 | 198 |
| No. of edges | 78 | 159 | 2742 |
| Avg. clustering coefficient | 0.57 | 0.258958246 | 0.52 |
| Average path length | 2.4 | 3.356953993 | 2.2 |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Girvan-Newman | | |
|  | Karate club | Dolphins Network | Jazz Musicians |
| No. of clusters | 2 | 2 |  |
| Modularity score |  |  |  |
| Run time | 0.11 | 0.227467299 |  |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Modularity Maximization | | |
|  | Karate club | Dolphins Network | Jazz Musicians |
| No. of clusters | 2 | 2 |  |
| Modularity score |  |  |  |
| Run time | 0.010 | 0.020 |  |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Spectral Clustering | | |
|  | Karate club | Dolphins Network | Jazz Musicians |
| No. of clusters | 4 | 5 |  |
| Modularity score |  |  |  |
| Run time | 0.23 | 0.358 |  |