**• Summary of the report**

The authors use Spectral Clustering to analyse the Karate Dataset. They do the transition path analysis and quantify the strengths of the edges in the network. They also find key nodes and Investigate how information flows from source to sink.

**• Describe the strengths of the report**

The authors use spectral clustering by their implementation and sklearn. The graph of network is intuitive by different color and size of nodes.

**• Describe the weaknesses of the report**

1) The authors should give a better introduction about the problem they want to solve.

2) The authors did not explain the meaning for the key members and flow in network graph.

3) They didn’t have a conclusion for their experiments and results.

**• Evaluation on quality of writing: 3**

**• Evaluation on presentation: 3**

No PPT slides.

**• Evaluation on creativity: 4**

**• Confidence on your assessment: 3**