**• Summary of the report**

The authors use linear methods such as PCA and MDS to reduce dimensionality on NIPS papers dataset. The results are not good because the dataset may distribute on manifold. Then they use three manifold learning methods including ISOMAP, LLE and LE to do clustering analysis. It seems that ISOMAP works better and the first coordinate follows the order of years.

**• Describe the strengths of the report**

The authors use different data reduction methods, compare the visualization performance and explain the reasons.

**• Describe the weaknesses of the report**

1) The authors didn’t visualize the clustering results in 3D space as mentioned in abstract.

2) They haven’t explored too much information from dataset.

**• Evaluation on Clarity and quality of writing: 4**

Clearly written. Too many similar figures and easy to be confused.

**• Evaluation on Technical Quality: 4**

The conclusion seems to be simple and straightforward.

**• Overall rating: 4**

**• Confidence on your assessment: 3**