• Summary of the report.

This project intended to sort 33 different face images of same person from left face

direction to right face direction by different manifold learning methods and found

that MDS and TSNE perform poorly by the order of first eigenvector. Diffusion map,

ISOMAP, LLE, LSTA perform well according to the first eigenvector.

• Describe the strengths of the report.

This report is clearly organized and possess good use of figures. Plotting the face image in visualization offers intuitive presentation of results.

• Describe the weaknesses of the report.

All the figures in the report are very fuzzy and I can't recognize the rank corresponding to the face image and even the coordinate axis. The description of the results is very detailed, however, the reasons behind are not explored.

• Evaluation on quality of writing (1-5): 4.5

• Evaluation on presentation (1-5): 4

• Evaluation on creativity (1-5): 3

• Confidence on your assessment (1-3): 3