• Summary of the report.

In this report, the authors use invariant scattering networks and pretrained VGG19 to do feature extraction on Raphael paintings. They visualize these features by using classical unsupervised learning method PCA and use traditional supervised learning method SVM to do image classification.

• Describe the strengths of the report.

They visualize these features and do image classification by using basic machine learning method.

• Describe the weaknesses of the report.

The content of the report is simple.

• Evaluation on Clarity and quality of writing (1-5): 3

The report should add some content like the introduction, the principle of the machine learning method and conclusion.

• Evaluation on Technical Quality (1-5): 3

Maybe should use other unsupervised learning method to visualize features and compared with PCA method.

• Overall rating: 3

• Confidence on your assessment: 3