Comment 11

In paper 11, the author used MNIST as their dataset, which contains 60000 training images and 10000 test images of handwritten digits. To distinguish each image, the author firstly applied feature extraction using Scattering Net, ResNet and VGG19, and for further classification, they implemented SVM, LDA, Random Forest and Logistic Regression.

Result shows that logistic regression and the random forest yield the best accuracy, which is because they are less likely to be influenced by different features. Then, the author conclude that feature extracted by deep net can be too complicated while the task is simple. This can be the cause of the inferior result.

Strength: The strength of the paper is that the author considers many algorithms of feature extraction.

Weakness: The weakness of this paper is that to try more advanced visualization methods.

Evaluation on quality of writing: 3.

Evaluation on presentation: 4.

Evaluation on creativity: 3.

Confidence on your assessment: 3.