

- Summary

Scattering network, VGG and ResNet are used for feature extraction, and various method of traditional supervised learning are implemented.

- Strength

The visualization of feature is impressive.

- Weakness

It should be unified of used model but the introduction mentions VGG16 while the latter description only relates to VGG19. Meanwhile, ResNet18 in introduction changes into ResNet50.

- Clarity and quality of writing: 2

The title of section 3.2 and 3.3 are the same, while the latter one might be feature visualization for ResNet and some other details of text mentioned in weakness.

- Technical Quality: 4

There different methods are compared well using cross entropy and accuracy respectively.

- Overall rating: 3

- Confidence: 2