

This project uses different deep neural networks to extract features from image, such as generative adversarial network, variational autoencoder and dilated CNNs. The project shows many statistical details about different framework. However, the author failed to give many experiments result to illustrate the conclusion in the paper. What's more, I do not understand why the author use the VAE to do the classification task. Actually, the VAE tries to build a probability model in the latent space, which tries to build the distribution model. So, I think although this project provides many mathematical analysis, it failed to find the right direction.

4 points