

Combine Models

Share Network Parameters
between Discriminator and
Auto-Encoder

Stage 1

Stage 3

Stage 2

Layers and Hyperparameters

- Use Instance Normalization
- Add Dropout Layers
- Test Convolution Filters
Number and Kernel Size
- Add Conditional Constraint

Improve Training

- Change Loss Function
- Use gradient penalty from
WGAN-GP
- Propose and use part training