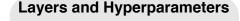
## **Combine Models**

Share Network Parameters between Discriminator and Auto-Encoder

Stage 3

Stage 1



- Use Instance Normalization
- Add Dropout Layers
- Test Convolution Filters
  Number and Kernel Size
- Generate Image Conditionally

Stage 2

## Improve Training

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