

Dependences

- Python3.7, Pytorch($\geq 1.6.0$)
- Dataset: Animal faces (included in the supplementary material), foods, birds datasets.

Please check the dependece of BigGAN¹ if there are errors. The animal faces dataset is from FUNIT², please do not put it public.

Instructions

- Our code highly relies on the above BigGAN project. Please make sure that BiGAN is able to tested in your machinie (e.g., the pretrained BigGAN).
- Getting code ('*TransferI2I*') from Supplementary Material.
- Downloading the pretrained model from the above BigGAN link, and saving it into '*TransferI2I/Source_target_initialization/checkpoint*'
- Downloading 'imagenet_valid_inception_moments.npz' from above BigGAN link and moving it into *TransferI2I/path/data* where *path* contains the *Source_target_initialization*, *Self_initialization* and *I2I_aux_G*. Each of folder (i.e., *Source_target_initialization*, *Self_initialization* and *I2I_aux_G*) has one *train.txt* which indicates how to train our proposed method.

¹<https://github.com/POSTECH-CVLab/PyTorch-StudioGAN>

²<https://github.com/NVlabs/FUNIT>