**Brief instruction for release 3 code**

**Dependencies:**

torch 1.6.0

torchvision 0.7.0

timm 0.3.2

cuda 10.1

yacs

opencv-python

We have created the python environment for this project, you can simply activate it by “conda activate TransReID”.

**Dataset:**

The fgpersonx dataset is in under data/taset\_v1

**Training baseline model:**

python train.py --config\_file configs/transformer\_base\_v.yml

**Testing baseline model:**

python test.py --config\_file configs/transformer\_base\_v.yml

**Training improved model:**

python train.py --config\_file configs/vit\_transreid\_v.yml

**Testing improved model:**

python test.py --config\_file configs/vit\_transreid\_v.yml