Predictor : BERT (USED)

export BATCH\_SIZE=32

export DIM=128

export NUM\_EPOCH=10

export MAX\_POS\_LEN=128

export INIT\_LR=0.0025

# model name

export MODEL\_NAME="vslbase"

export TB\_LOG\_NAME="${MODEL\_NAME}\_${NAME}\_bs${BATCH\_SIZE}\_dim${DIM}\_epoch${NUM\_EPOCH}\_ilr${INIT\_LR}"

Running with Namespace(save\_dir='datasets', task='nlq\_official\_v1\_omnivore\_video\_fp16', eval\_gt\_json='/content/ego4d\_data/v1/annotations/nlq\_val.json', fv='official', max\_pos\_len=128, num\_workers=2, data\_loader\_workers=1, word\_size=None, char\_size=None, word\_dim=300, video\_feature\_dim=1536, char\_dim=50, dim=128, highlight\_lambda=5.0, num\_heads=8, drop\_rate=0.2, predictor='bert', gpu\_idx='0', seed=12345, mode='train', epochs=10, batch\_size=32, num\_train\_steps=None, init\_lr=0.0025, clip\_norm=1.0, warmup\_proportion=0.0, extend=0.1, period=100, text\_agnostic=False, video\_agnostic=False, model\_dir='/content/nlq\_official\_v1/checkpoints//omnivore\_video\_fp16', model\_name='vslbase', suffix=None, log\_to\_tensorboard='vslbase\_omnivore\_video\_fp16\_bs32\_dim128\_epoch10\_ilr0.0025', tb\_log\_dir='./runs', tb\_log\_freq=5, slurm=False, slurm\_wait=False, slurm\_partition='pixar', slurm\_constraint='volta', slurm\_gpus=1, slurm\_cpus=10, slurm\_timeout\_min=720, slurm\_log\_folder='slurm\_log', remove\_empty\_queries\_from=['train'])

Loading data from existing save path datasets/nlq\_official\_v1\_omnivore\_video\_fp16\_official\_128\_bert.pkl

Using device=cuda:0

Writing to tensorboard: ./runs/vslbase\_omnivore\_video\_fp16\_bs32\_dim128\_epoch10\_ilr0.0025

start training...

Epoch: 1 | Step: 161

Evaluated: 3874 / 3875 instances

+Epoch 1, Step 161----+-----------+----------+----------+-----------+----------+----------+-----------+------+

| Rank@1 | Rank@1 | Rank@1 | Rank@3 | Rank@3 | Rank@3 | Rank@5 | Rank@5 | Rank@5 | mIoU |

| mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

| 1.73 | 0.98 | 16.47 | 4.08 | 2.35 | 34.02 | 5.47 | 3.12 | 43.93 | 1.93 |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

Epoch: 1 | Step: 322

Evaluated: 3874 / 3875 instances

+Epoch 1, Step 322----+-----------+----------+----------+-----------+----------+----------+-----------+------+

| Rank@1 | Rank@1 | Rank@1 | Rank@3 | Rank@3 | Rank@3 | Rank@5 | Rank@5 | Rank@5 | mIoU |

| mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

| 2.07 | 1.11 | 9.86 | 4.52 | 2.37 | 31.41 | 6.14 | 3.20 | 40.97 | 1.80 |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

Epoch: 1 | Step: 323

Evaluated: 3874 / 3875 instances

+Epoch 1, Step 323----+-----------+----------+----------+-----------+----------+----------+-----------+------+

| Rank@1 | Rank@1 | Rank@1 | Rank@3 | Rank@3 | Rank@3 | Rank@5 | Rank@5 | Rank@5 | mIoU |

| mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

| 2.09 | 1.16 | 10.25 | 4.52 | 2.40 | 31.78 | 6.20 | 3.15 | 41.09 | 1.86 |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

Epoch: 2 | Step: 483

Evaluated: 3874 / 3875 instances

+Epoch 2, Step 483----+-----------+----------+----------+-----------+----------+----------+-----------+------+

| Rank@1 | Rank@1 | Rank@1 | Rank@3 | Rank@3 | Rank@3 | Rank@5 | Rank@5 | Rank@5 | mIoU |

| mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

| 2.04 | 1.11 | 12.96 | 4.34 | 2.17 | 33.53 | 6.14 | 3.02 | 42.64 | 1.97 |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

Epoch: 2 | Step: 644

Evaluated: 3874 / 3875 instances

+Epoch 2, Step 644----+-----------+----------+----------+-----------+----------+----------+-----------+------+

| Rank@1 | Rank@1 | Rank@1 | Rank@3 | Rank@3 | Rank@3 | Rank@5 | Rank@5 | Rank@5 | mIoU |

| mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

| 2.37 | 1.26 | 19.62 | 4.75 | 2.37 | 36.96 | 6.69 | 3.59 | 44.45 | 2.41 |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

Epoch: 2 | Step: 646

Evaluated: 3874 / 3875 instances

+Epoch 2, Step 646----+-----------+----------+----------+-----------+----------+----------+-----------+------+

| Rank@1 | Rank@1 | Rank@1 | Rank@3 | Rank@3 | Rank@3 | Rank@5 | Rank@5 | Rank@5 | mIoU |

| mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

| 2.27 | 1.11 | 19.20 | 4.96 | 2.48 | 36.55 | 6.61 | 3.56 | 43.86 | 2.31 |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

Epoch: 3 | Step: 805

Evaluated: 3874 / 3875 instances

+Epoch 3, Step 805----+-----------+----------+----------+-----------+----------+----------+-----------+------+

| Rank@1 | Rank@1 | Rank@1 | Rank@3 | Rank@3 | Rank@3 | Rank@5 | Rank@5 | Rank@5 | mIoU |

| mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

| 2.17 | 1.03 | 21.12 | 4.57 | 2.40 | 38.15 | 6.30 | 3.30 | 45.56 | 2.32 |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

Epoch: 3 | Step: 966

Evaluated: 3874 / 3875 instances

+Epoch 3, Step 966----+-----------+----------+----------+-----------+----------+----------+-----------+------+

| Rank@1 | Rank@1 | Rank@1 | Rank@3 | Rank@3 | Rank@3 | Rank@5 | Rank@5 | Rank@5 | mIoU |

| mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

| 2.30 | 0.98 | 22.23 | 4.96 | 2.61 | 37.30 | 6.69 | 3.48 | 44.50 | 2.37 |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

Epoch: 3 | Step: 969

Evaluated: 3874 / 3875 instances

+Epoch 3, Step 969----+-----------+----------+----------+-----------+----------+----------+-----------+------+

| Rank@1 | Rank@1 | Rank@1 | Rank@3 | Rank@3 | Rank@3 | Rank@5 | Rank@5 | Rank@5 | mIoU |

| mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

| 2.71 | 1.45 | 17.06 | 5.39 | 2.76 | 36.91 | 7.41 | 3.90 | 44.81 | 2.46 |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

Epoch: 4 | Step: 1127

Evaluated: 3874 / 3875 instances

+Epoch 4, Step 1127---+-----------+----------+----------+-----------+----------+----------+-----------+------+

| Rank@1 | Rank@1 | Rank@1 | Rank@3 | Rank@3 | Rank@3 | Rank@5 | Rank@5 | Rank@5 | mIoU |

| mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

| 2.84 | 1.45 | 21.45 | 5.78 | 3.07 | 37.76 | 7.56 | 4.26 | 45.43 | 2.83 |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

Epoch: 4 | Step: 1288

Evaluated: 3874 / 3875 instances

+Epoch 4, Step 1288---+-----------+----------+----------+-----------+----------+----------+-----------+------+

| Rank@1 | Rank@1 | Rank@1 | Rank@3 | Rank@3 | Rank@3 | Rank@5 | Rank@5 | Rank@5 | mIoU |

| mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

| 3.41 | 1.86 | 21.06 | 6.58 | 3.90 | 37.20 | 8.85 | 5.03 | 45.66 | 3.13 |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

Epoch: 4 | Step: 1292

Evaluated: 3874 / 3875 instances

+Epoch 4, Step 1292---+-----------+----------+----------+-----------+----------+----------+-----------+------+

| Rank@1 | Rank@1 | Rank@1 | Rank@3 | Rank@3 | Rank@3 | Rank@5 | Rank@5 | Rank@5 | mIoU |

| mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

| 3.25 | 1.65 | 18.48 | 6.45 | 3.72 | 35.49 | 8.72 | 4.96 | 43.83 | 2.93 |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

Epoch: 5 | Step: 1449

Evaluated: 3874 / 3875 instances

+Epoch 5, Step 1449---+-----------+----------+----------+-----------+----------+----------+-----------+------+

| Rank@1 | Rank@1 | Rank@1 | Rank@3 | Rank@3 | Rank@3 | Rank@5 | Rank@5 | Rank@5 | mIoU |

| mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

| 3.25 | 1.83 | 20.93 | 6.97 | 4.08 | 38.33 | 8.78 | 5.19 | 46.26 | 3.09 |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

Epoch: 5 | Step: 1610

Evaluated: 3874 / 3875 instances

+Epoch 5, Step 1610---+-----------+----------+----------+-----------+----------+----------+-----------+------+

| Rank@1 | Rank@1 | Rank@1 | Rank@3 | Rank@3 | Rank@3 | Rank@5 | Rank@5 | Rank@5 | mIoU |

| mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

| 3.95 | 2.35 | 20.57 | 7.82 | 4.70 | 37.12 | 9.55 | 5.81 | 45.28 | 3.59 |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

Epoch: 5 | Step: 1615

Evaluated: 3874 / 3875 instances

+Epoch 5, Step 1615---+-----------+----------+----------+-----------+----------+----------+-----------+------+

| Rank@1 | Rank@1 | Rank@1 | Rank@3 | Rank@3 | Rank@3 | Rank@5 | Rank@5 | Rank@5 | mIoU |

| mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

| 4.03 | 2.30 | 21.22 | 8.36 | 4.96 | 37.48 | 9.91 | 6.04 | 45.51 | 3.67 |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

Epoch: 6 | Step: 1771

Evaluated: 3874 / 3875 instances

+Epoch 6, Step 1771---+-----------+----------+----------+-----------+----------+----------+-----------+------+

| Rank@1 | Rank@1 | Rank@1 | Rank@3 | Rank@3 | Rank@3 | Rank@5 | Rank@5 | Rank@5 | mIoU |

| mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

| 4.21 | 2.43 | 24.14 | 7.69 | 4.54 | 39.60 | 9.81 | 5.81 | 47.34 | 3.83 |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

Epoch: 6 | Step: 1932

Evaluated: 3874 / 3875 instances

+Epoch 6, Step 1932---+-----------+----------+----------+-----------+----------+----------+-----------+------+

| Rank@1 | Rank@1 | Rank@1 | Rank@3 | Rank@3 | Rank@3 | Rank@5 | Rank@5 | Rank@5 | mIoU |

| mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

| 4.72 | 2.74 | 21.53 | 8.47 | 5.27 | 38.46 | 10.33 | 6.63 | 46.28 | 4.07 |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

Epoch: 6 | Step: 1938

Evaluated: 3874 / 3875 instances

+Epoch 6, Step 1938---+-----------+----------+----------+-----------+----------+----------+-----------+------+

| Rank@1 | Rank@1 | Rank@1 | Rank@3 | Rank@3 | Rank@3 | Rank@5 | Rank@5 | Rank@5 | mIoU |

| mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

| 4.26 | 2.43 | 20.83 | 8.21 | 4.67 | 38.20 | 10.48 | 6.43 | 45.87 | 3.76 |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

Epoch: 7 | Step: 2093

Evaluated: 3874 / 3875 instances

+Epoch 7, Step 2093---+-----------+----------+----------+-----------+----------+----------+-----------+------+

| Rank@1 | Rank@1 | Rank@1 | Rank@3 | Rank@3 | Rank@3 | Rank@5 | Rank@5 | Rank@5 | mIoU |

| mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

| 4.36 | 2.43 | 22.20 | 8.47 | 5.06 | 38.00 | 10.82 | 6.71 | 45.82 | 3.95 |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

Epoch: 7 | Step: 2254

Evaluated: 3874 / 3875 instances

+Epoch 7, Step 2254---+-----------+----------+----------+-----------+----------+----------+-----------+------+

| Rank@1 | Rank@1 | Rank@1 | Rank@3 | Rank@3 | Rank@3 | Rank@5 | Rank@5 | Rank@5 | mIoU |

| mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

| 4.65 | 2.63 | 20.70 | 8.98 | 5.29 | 37.25 | 11.18 | 6.79 | 45.25 | 4.04 |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

Epoch: 7 | Step: 2261

Evaluated: 3874 / 3875 instances

+Epoch 7, Step 2261---+-----------+----------+----------+-----------+----------+----------+-----------+------+

| Rank@1 | Rank@1 | Rank@1 | Rank@3 | Rank@3 | Rank@3 | Rank@5 | Rank@5 | Rank@5 | mIoU |

| mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

| 5.06 | 2.76 | 21.14 | 9.29 | 5.50 | 37.20 | 11.15 | 6.63 | 45.10 | 4.27 |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

Epoch: 8 | Step: 2415

Evaluated: 3874 / 3875 instances

+Epoch 8, Step 2415---+-----------+----------+----------+-----------+----------+----------+-----------+------+

| Rank@1 | Rank@1 | Rank@1 | Rank@3 | Rank@3 | Rank@3 | Rank@5 | Rank@5 | Rank@5 | mIoU |

| mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

| 4.96 | 2.94 | 21.79 | 8.80 | 5.03 | 37.15 | 11.15 | 6.79 | 45.51 | 4.29 |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

Epoch: 8 | Step: 2576

Evaluated: 3874 / 3875 instances

+Epoch 8, Step 2576---+-----------+----------+----------+-----------+----------+----------+-----------+------+

| Rank@1 | Rank@1 | Rank@1 | Rank@3 | Rank@3 | Rank@3 | Rank@5 | Rank@5 | Rank@5 | mIoU |

| mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

| 4.75 | 2.68 | 20.62 | 9.29 | 5.86 | 36.86 | 11.44 | 7.20 | 45.25 | 4.09 |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

Epoch: 8 | Step: 2584

Evaluated: 3874 / 3875 instances

+Epoch 8, Step 2584---+-----------+----------+----------+-----------+----------+----------+-----------+------+

| Rank@1 | Rank@1 | Rank@1 | Rank@3 | Rank@3 | Rank@3 | Rank@5 | Rank@5 | Rank@5 | mIoU |

| mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

| 4.83 | 2.61 | 21.04 | 9.24 | 5.78 | 36.47 | 11.64 | 7.20 | 45.04 | 4.17 |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

Epoch: 9 | Step: 2737

Evaluated: 3874 / 3875 instances

+Epoch 9, Step 2737---+-----------+----------+----------+-----------+----------+----------+-----------+------+

| Rank@1 | Rank@1 | Rank@1 | Rank@3 | Rank@3 | Rank@3 | Rank@5 | Rank@5 | Rank@5 | mIoU |

| mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

| 5.11 | 2.99 | 22.69 | 9.58 | 5.78 | 37.22 | 11.80 | 7.23 | 45.43 | 4.53 |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

Epoch: 9 | Step: 2898

Evaluated: 3874 / 3875 instances

+Epoch 9, Step 2898---+-----------+----------+----------+-----------+----------+----------+-----------+------+

| Rank@1 | Rank@1 | Rank@1 | Rank@3 | Rank@3 | Rank@3 | Rank@5 | Rank@5 | Rank@5 | mIoU |

| mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

| 5.21 | 3.02 | 20.83 | 9.55 | 5.73 | 36.16 | 11.56 | 7.31 | 44.27 | 4.41 |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

Epoch: 9 | Step: 2907

Evaluated: 3874 / 3875 instances

+Epoch 9, Step 2907---+-----------+----------+----------+-----------+----------+----------+-----------+------+

| Rank@1 | Rank@1 | Rank@1 | Rank@3 | Rank@3 | Rank@3 | Rank@5 | Rank@5 | Rank@5 | mIoU |

| mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

| 5.37 | 3.20 | 21.04 | 9.47 | 5.78 | 36.60 | 11.77 | 7.51 | 44.27 | 4.47 |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

Epoch: 10 | Step: 3059

Evaluated: 3874 / 3875 instances

+Epoch 10, Step 3059--+-----------+----------+----------+-----------+----------+----------+-----------+------+

| Rank@1 | Rank@1 | Rank@1 | Rank@3 | Rank@3 | Rank@3 | Rank@5 | Rank@5 | Rank@5 | mIoU |

| mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

| 5.39 | 3.20 | 21.30 | 9.45 | 5.81 | 35.85 | 12.00 | 7.31 | 44.01 | 4.54 |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

Epoch: 10 | Step: 3220

Evaluated: 3874 / 3875 instances

+Epoch 10, Step 3220--+-----------+----------+----------+-----------+----------+----------+-----------+------+

| Rank@1 | Rank@1 | Rank@1 | Rank@3 | Rank@3 | Rank@3 | Rank@5 | Rank@5 | Rank@5 | mIoU |

| mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

| 5.37 | 3.25 | 20.52 | 9.50 | 5.96 | 36.37 | 12.05 | 7.56 | 44.40 | 4.53 |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

Epoch: 10 | Step: 3230

Evaluated: 3874 / 3875 instances

+Epoch 10, Step 3230--+-----------+----------+----------+-----------+----------+----------+-----------+------+

| Rank@1 | Rank@1 | Rank@1 | Rank@3 | Rank@3 | Rank@3 | Rank@5 | Rank@5 | Rank@5 | mIoU |

| mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | mIoU@0.3 | mIoU@0.5 | mIoU@0.01 | |

+----------+----------+-----------+----------+----------+-----------+----------+----------+-----------+------+

| 5.34 | 3.25 | 20.47 | 9.47 | 5.96 | 36.34 | 12.05 | 7.56 | 44.37 | 4.52 |

