```
loss_mode = "ours"

AVA: 1500 test images
COCO: 1576 test images
HKU-IS: 236 test images
Waterloo:
525 test images
Using device: cuda

Loaded best checkpoint from epoch 35 (val SSIM_out = 0.6926)
Per-dataset TIReD test metrics (PSNR / SSIM / FSIM / VIF)
AVA        | PSNR in/out: 18.748 / 23.386
| SSIM in/out: 0.5524 / 0.7283  | FSIM in/out: 0.7686 / 0.8511  | VIF  in/out: 0.2073 / 0.3362
COCO
| PSNR in/out: 21.860 / 22.920  | SSIM in/out: 0.6238 / 0.6701  | FSIM in/out: 0.8126 / 0.8278  |
VIF  in/out: 0.2886 / 0.3069
HKU-IS     | PSNR in/out: 22.001 / 22.877  | SSIM in/out: 0.6099 /
0.6568  | FSIM in/out: 0.8195 / 0.8317  | VIF  in/out: 0.2792 / 0.2941
Waterloo   | PSNR in/out:
18.109 / 24.199  | SSIM in/out: 0.5363 / 0.7585  | FSIM in/out: 0.7601 / 0.8629  | VIF  in/out:
0.1954 / 0.3737

=== Overall TIReD test set ===
TIReD_all  | PSNR in/out: 20.133 / 23.273  | SSIM
in/out: 0.5830 / 0.7041  | FSIM in/out: 0.7886 / 0.8419  | VIF  in/out: 0.2434 / 0.3267
```

```
loss_mode = "no_Lm_tv"

Loaded best checkpoint from epoch 31 (val SSIM_out = 0.6941, mode =
no_Lm_tv)

=== Per-dataset TIReD test metrics (PSNR / SSIM / FSIM / VIF) ===
AVA        | PSNR
in/out: 18.748 / 23.272  | SSIM in/out: 0.5524 / 0.7215  | FSIM in/out: 0.7686 / 0.8499  | VIF
in/out: 0.2073 / 0.3335
COCO       | PSNR in/out: 21.860 / 22.885  | SSIM in/out: 0.6238 / 0.6709  |
FSIM in/out: 0.8126 / 0.8277  | VIF  in/out: 0.2886 / 0.3044
HKU-IS     | PSNR in/out: 22.001 /
23.009  | SSIM in/out: 0.6099 / 0.6580  | FSIM in/out: 0.8195 / 0.8332  | VIF  in/out: 0.2792 /
0.2946
Waterloo   | PSNR in/out: 18.109 / 23.936  | SSIM in/out: 0.5363 / 0.7547  | FSIM in/out:
0.7601 / 0.8618  | VIF  in/out: 0.1954 / 0.3686

=== Overall TIReD test set ===
TIReD_all  | PSNR
in/out: 20.133 / 23.185  | SSIM in/out: 0.5830 / 0.7013  | FSIM in/out: 0.7886 / 0.8414  | VIF
in/out: 0.2434 / 0.3239
```