

Supplementary Materials for “LighTDiff: Surgical Endoscopic Image Low-Light Enhancement with T-Diffusion”

Supplementary Material

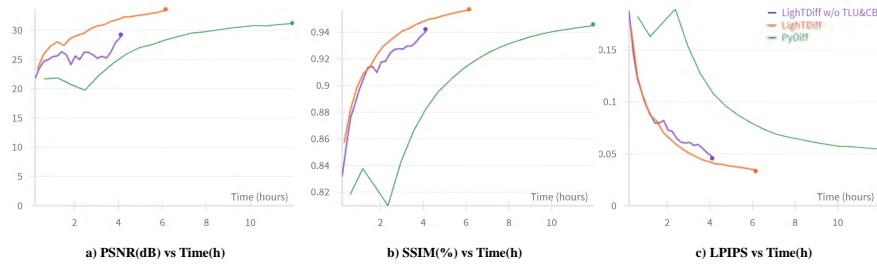


Fig. 1. Visualization of the comparison results in Training cost vs. evaluation function under the same iterations on EndoVis17 dataset: a) shows the relation between PSNR with time. b) shows the correlation between SSIM and time. c) illustrates the connection between LPIPS and time.

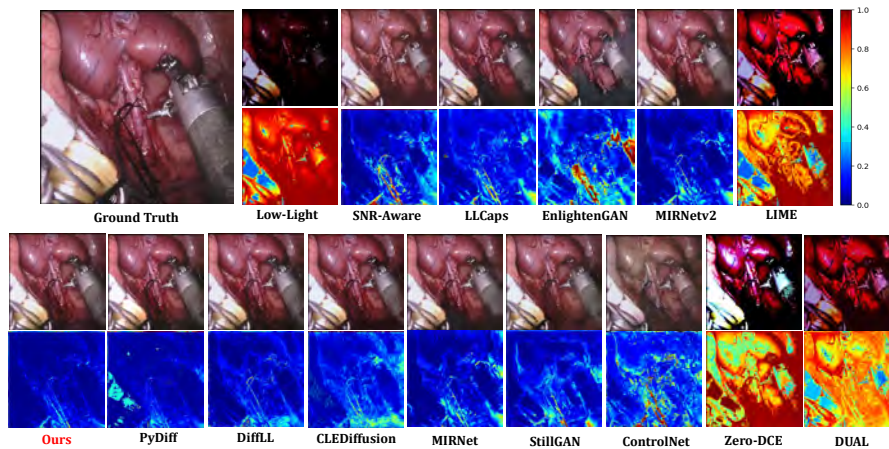


Fig. 2. Visualization results for LighTDiff compared with SOTA approaches on EndoVis18 dataset.

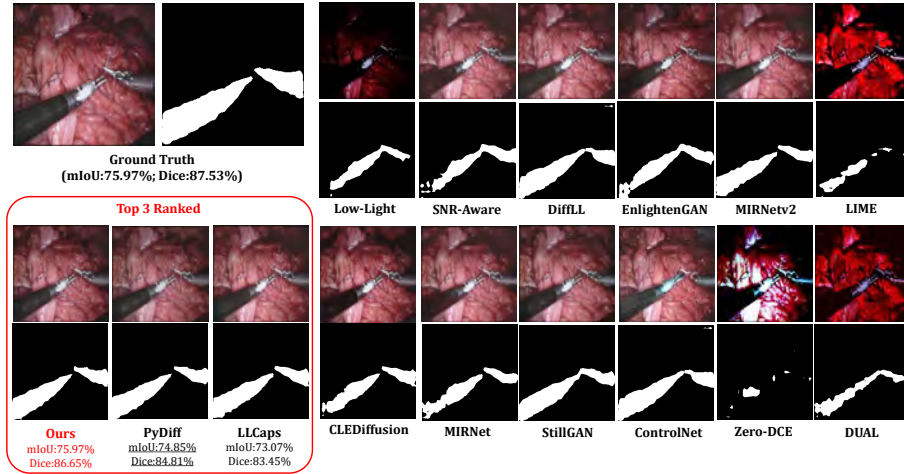


Fig. 3. Visualization of surgical instrument segmentation comparison experiments on EndoVis17 dataset.

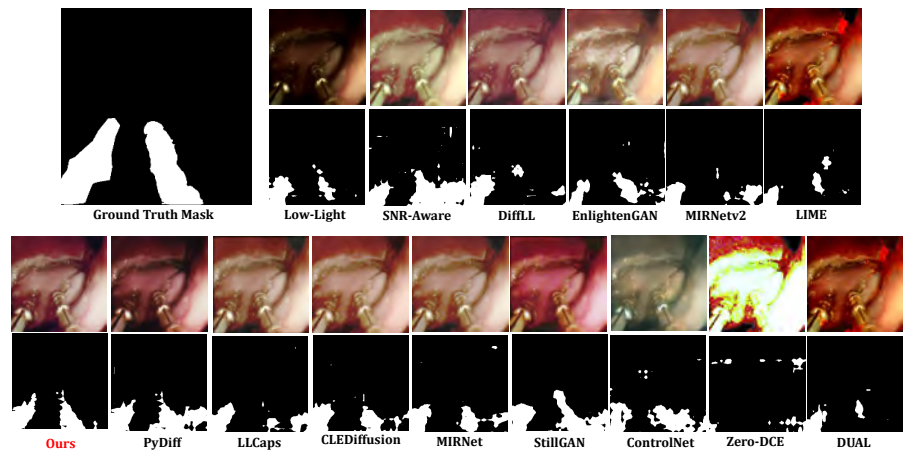


Fig. 4. Visualization of surgical instrument segmentation comparison experiments on real-world dataset.