

Arbitrary-Scale Video Super-Resolution with Structural and Textural Priors: Supplementary Material

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1 Data Pre-Processing and Training Pipeline

We visualize the data pre-processing and training pipeline in Fig. [1](#) in which we set $T = 2$.

2 Visual Comparison of B-AVSR and ST-AVSR

In the main text, we have provided quantitative comparison of B-AVSR and ST-AVSR. In Fig. [2](#) we present qualitative comparison, where we observe that our multi-scale structural and textural prior encourages more faithful detail at various scales to be recovered.

3 More Results on the REDS Dataset

We provide more visual results on the REDS dataset in Figs. [3](#) and [4](#).

4 More Results on the Vid4 Dataset

We provide more visual results on the Vid4 dataset in Fig. [5](#).

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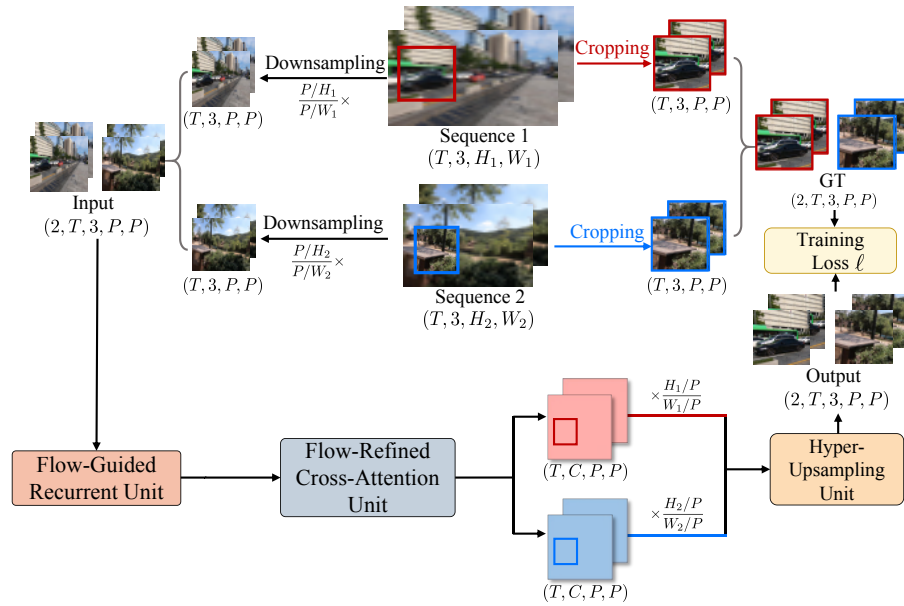


Fig. 1: Data pre-processing and training pipeline for B-AVSR and ST-AVSR.



Fig. 2: Effectiveness of our multi-scale structural and textural prior in aiding AVSR.

References

1. Liu, C., Sun, D.: On bayesian adaptive video super resolution. *IEEE TPAMI* **36**(2), 346–360 (2013)
2. Nah, S., Baik, S., Hong, S., Moon, G., Son, S., Timofte, R., Mu Lee, K.: NTIRE 2019 challenge on video deblurring and super-resolution: Dataset and study. In: *CVPRW*. pp. 0–0 (2019)

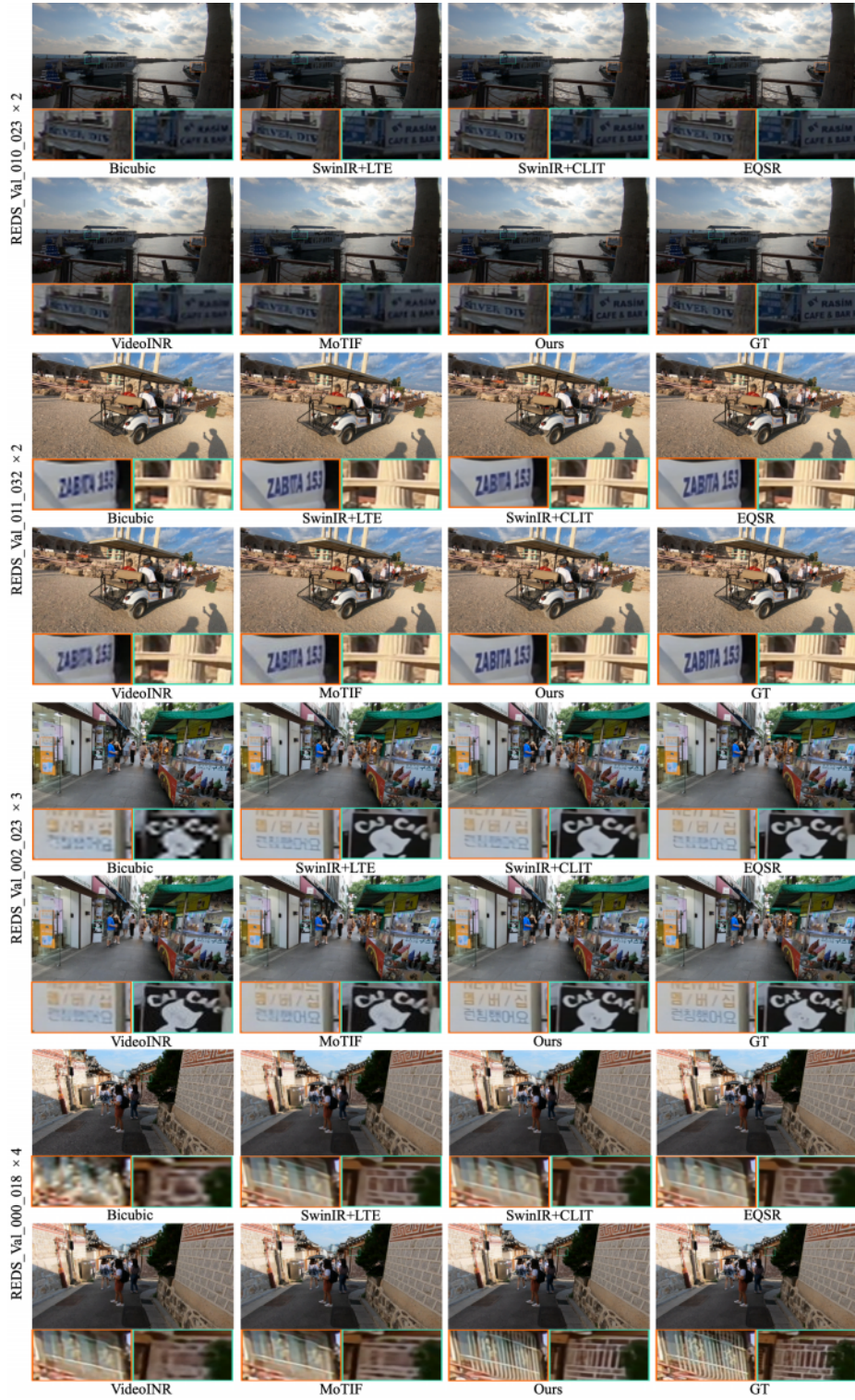


Fig. 3: More visual results on the REDS dataset [2].

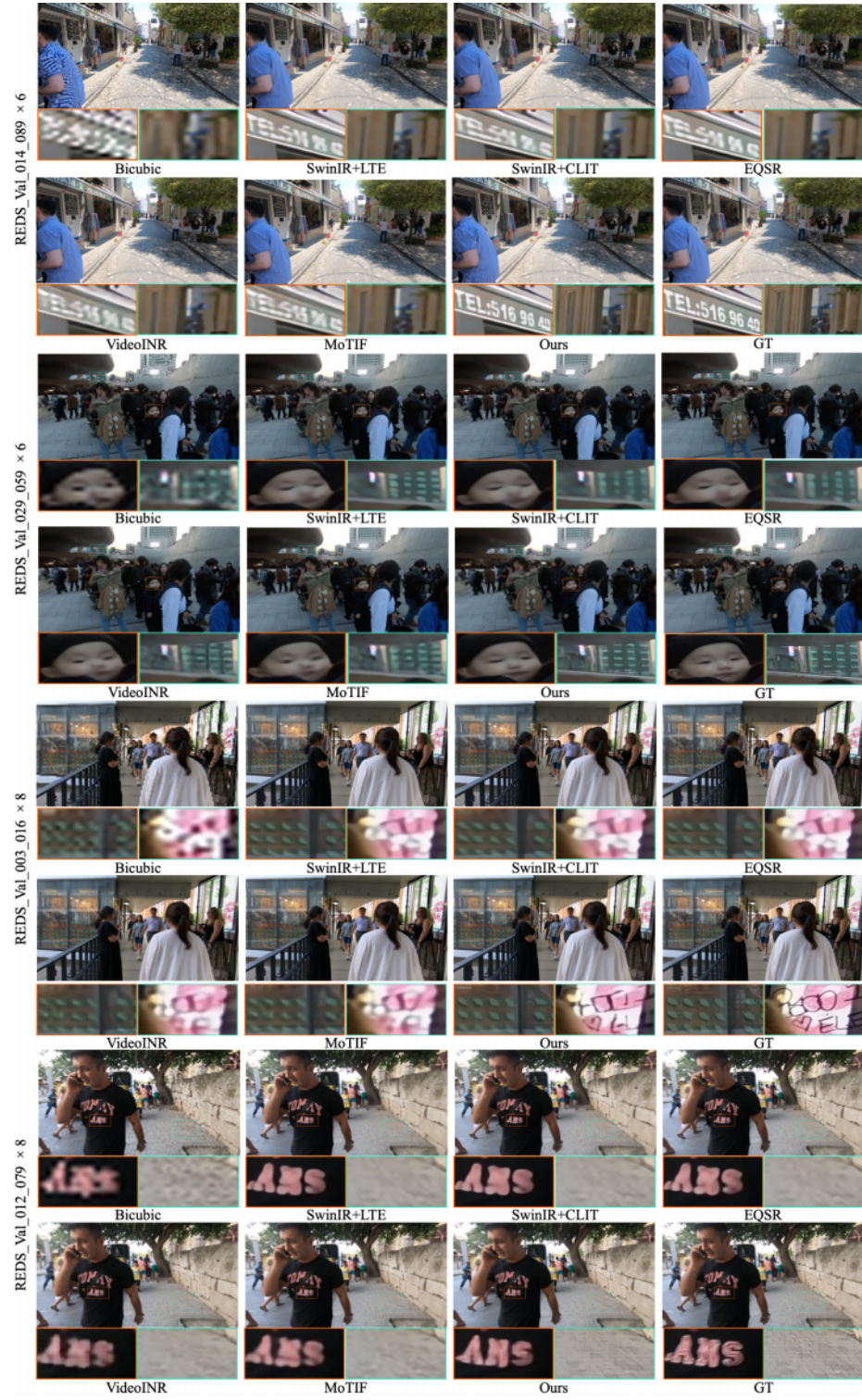


Fig. 4: More visual results on the REDS dataset [2].

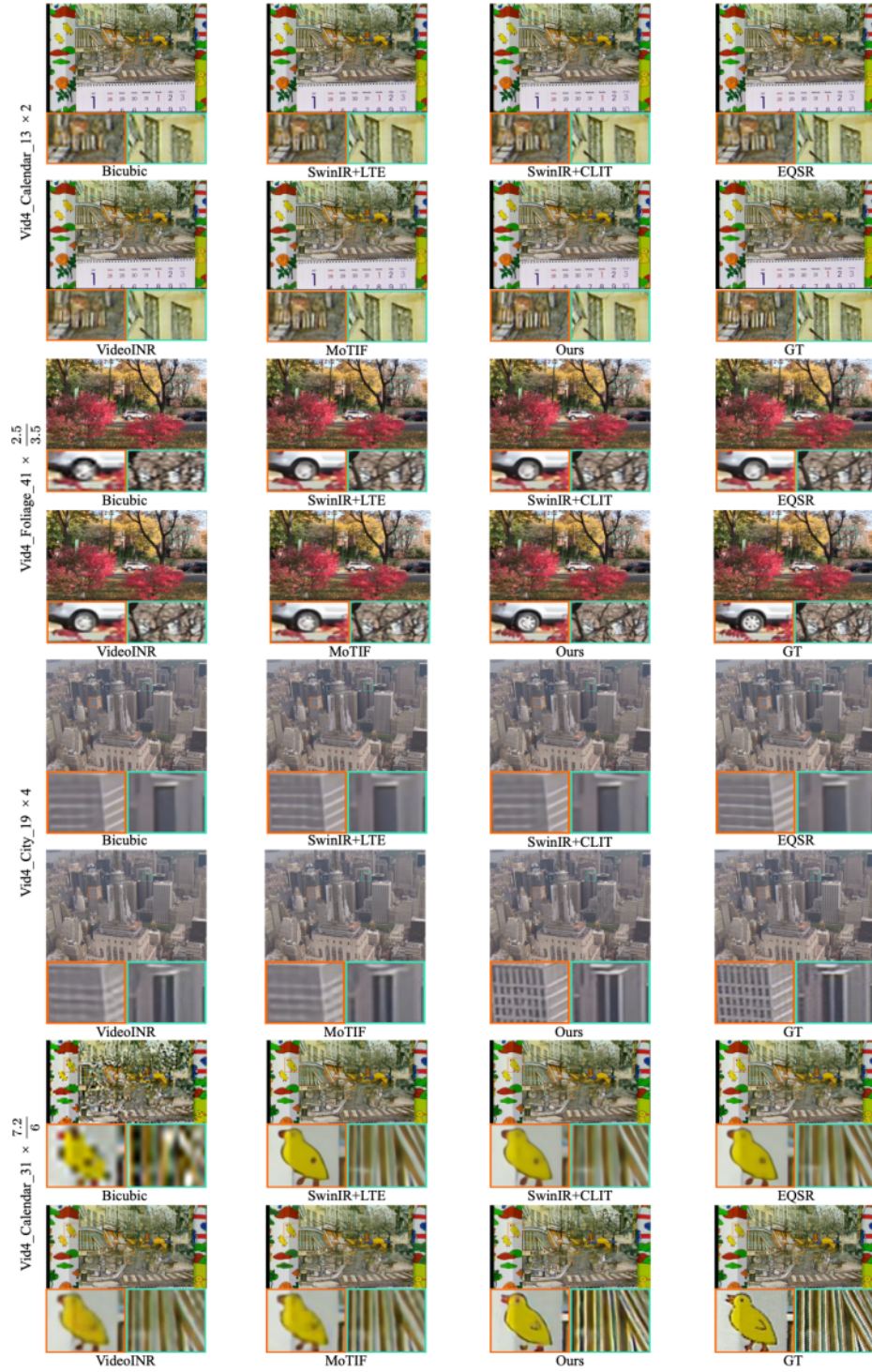


Fig. 5: More visual results on the Vid4 dataset [1].