

# IJCAI-19 Supplementary file

**Paper ID: 411**

## 1 Statement

This file shows additional visual experimental comparisons for Section 4.4 of our paper.

## 2 Control group

For adequately demonstrating the result of ADRD, we add representative methods as the control group. The Bicubic interpolation is viewed as the baseline, and the state-of-the-art models (LapSRN [Lai *et al.*, 2017], D-DBPN [Haris *et al.*, 2018], RDN [Zhang *et al.*, 2018]) are introduced.

## 3 Visual analyses

We visualize some comparisons for some super-resolution results. As shown in Figure 1, Figure 2, Figure 3 and Figure 4. It can adequately demonstrate our effectiveness of our ADRD.

## References

- [Haris *et al.*, 2018] Muhammad Haris, Greg Shakhnarovich, and Norimichi Ukita. Deep back-projection networks for super-resolution. In *CVPR*, 2018.
- [Lai *et al.*, 2017] Wei-Sheng Lai, Jia-Bin Huang, and Narendra Ahuja et al. Deep laplacian pyramid networks for fast and accurate super-resolution. In *CVPR*, 2017.
- [Zhang *et al.*, 2018] Yulun Zhang, Yapeng Tian, and Yu Kong et al. Residual dense network for image super-resolution. In *CVPR*, 2018.

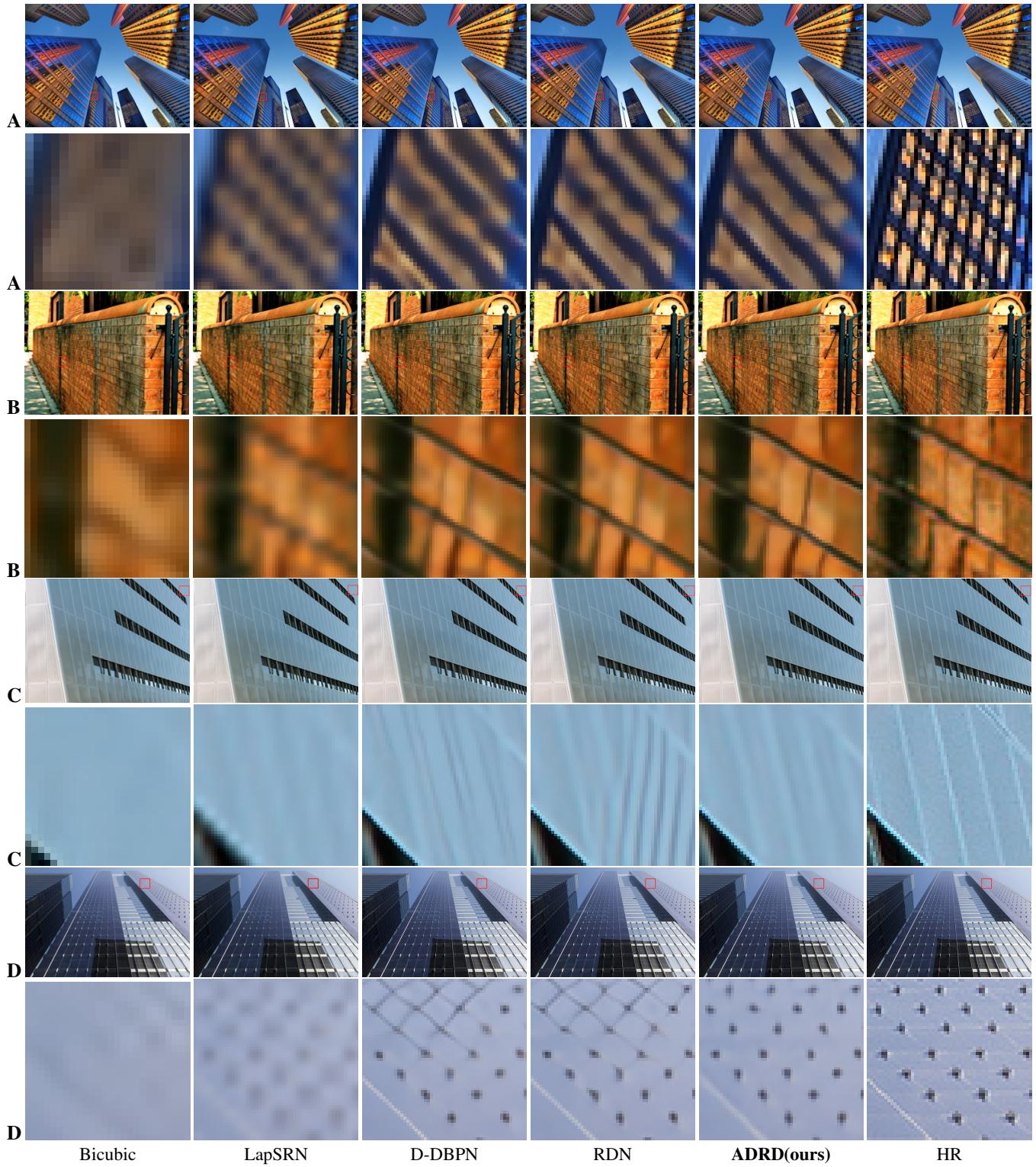


Figure 1: The visual comparisons with up-scaling factor  $4\times$ .

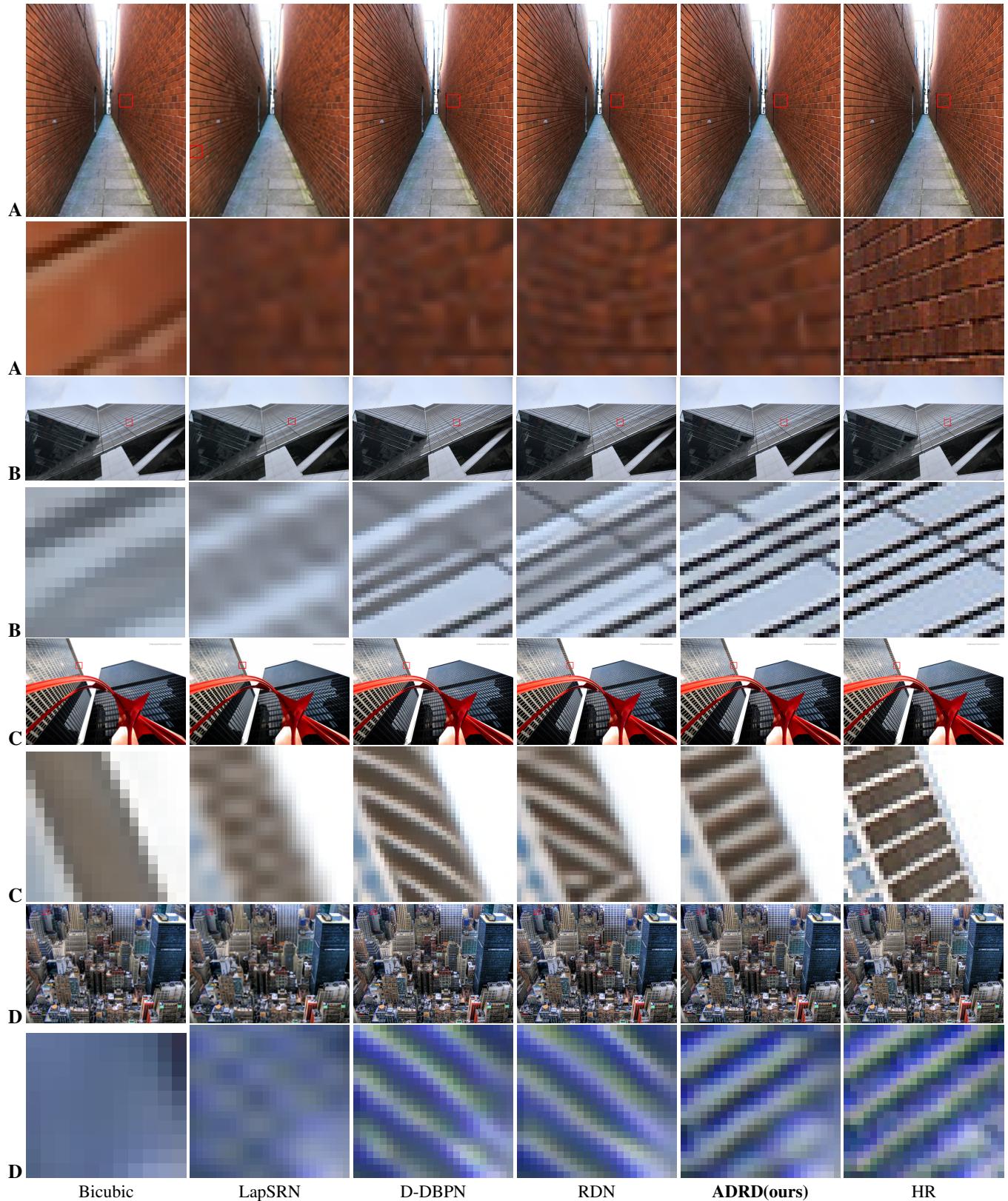


Figure 2: The visual comparisons with up-scaling factor  $4\times$ .

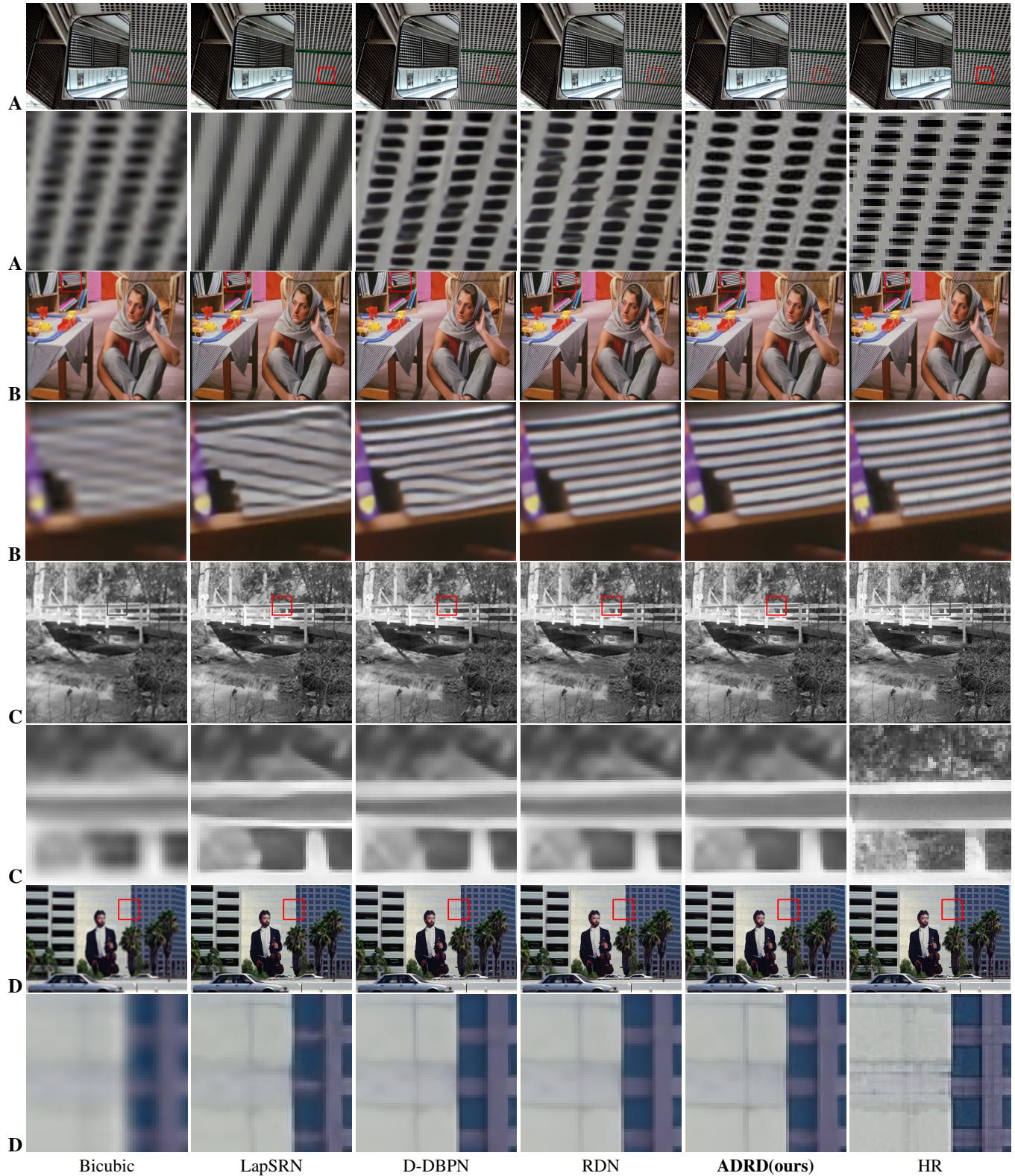


Figure 3: The visual comparisons with up-scaling factor  $4\times$ .

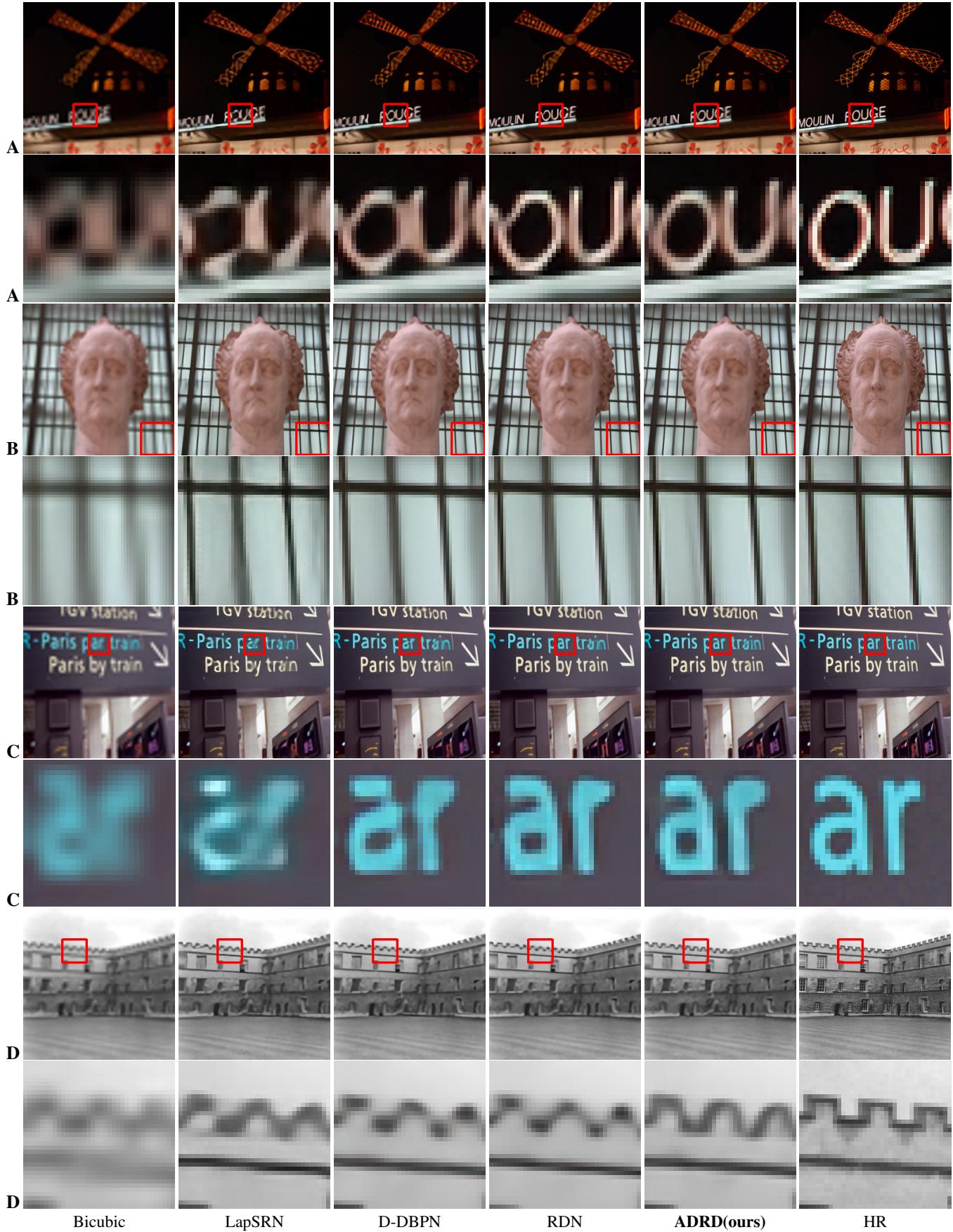


Figure 4: The visual comparisons with up-scaling factor  $4\times$ .