Structure-Aware Image Expansion with Global Attention: Supplemental Material

Dewen Guo Jie Feng Bingfeng Zhou Peking University Peking University **Peking University** feng_jie@pku.edu.cn cczbf@pku.edu.cn guodewen@pku.edu.cn Input Input Pre-train (SRN) Input Pre-train (SRN) Pre-train (Ours) Pre-train (SRN) Pre-train (Ours) (b) (a) (c) Input Pre-train (SRN) Pre-train (Ours) Input Pre-train (Ours) (d) (e) (f) Pre-train (Ours) Pre-train (SRN) Pre-train (Ours) Pre-train (SRN) Pre-train (SRN) Pre-train (Ours) (h) (i) (g)

Figure 1: In comparison with the results synthesized by the retrained SRN, our pre-training results show more structural details, and consequently, the final expanded images have less artifacts and are more preferable in structure.

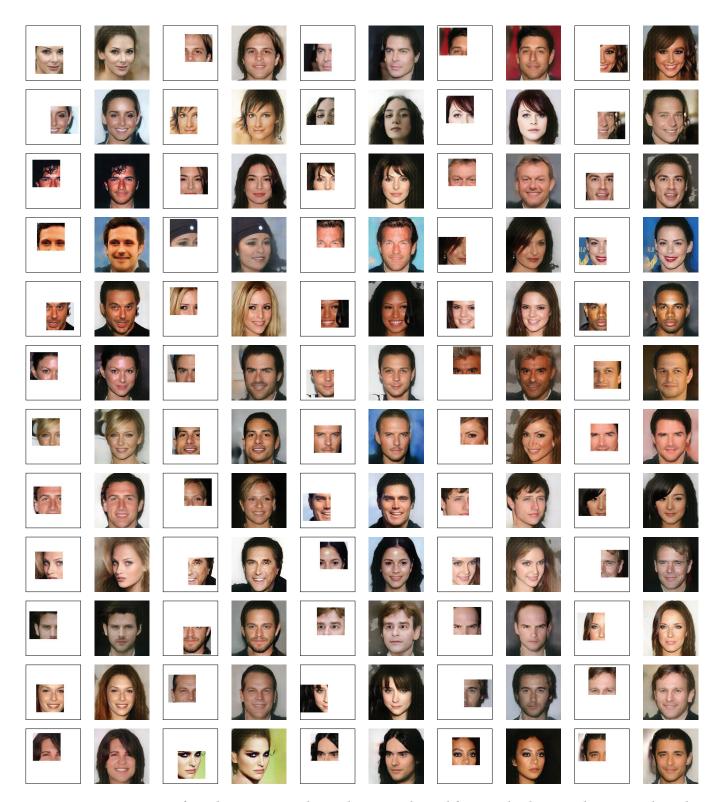


Figure 2: Image expansions from diverse inputs. The results are synthesized from randomly-cropped image patches. The proposed method can deal with various cases such as different genders, skin colors, poses or hairstyles on the CelebA-HQ dataset.

2