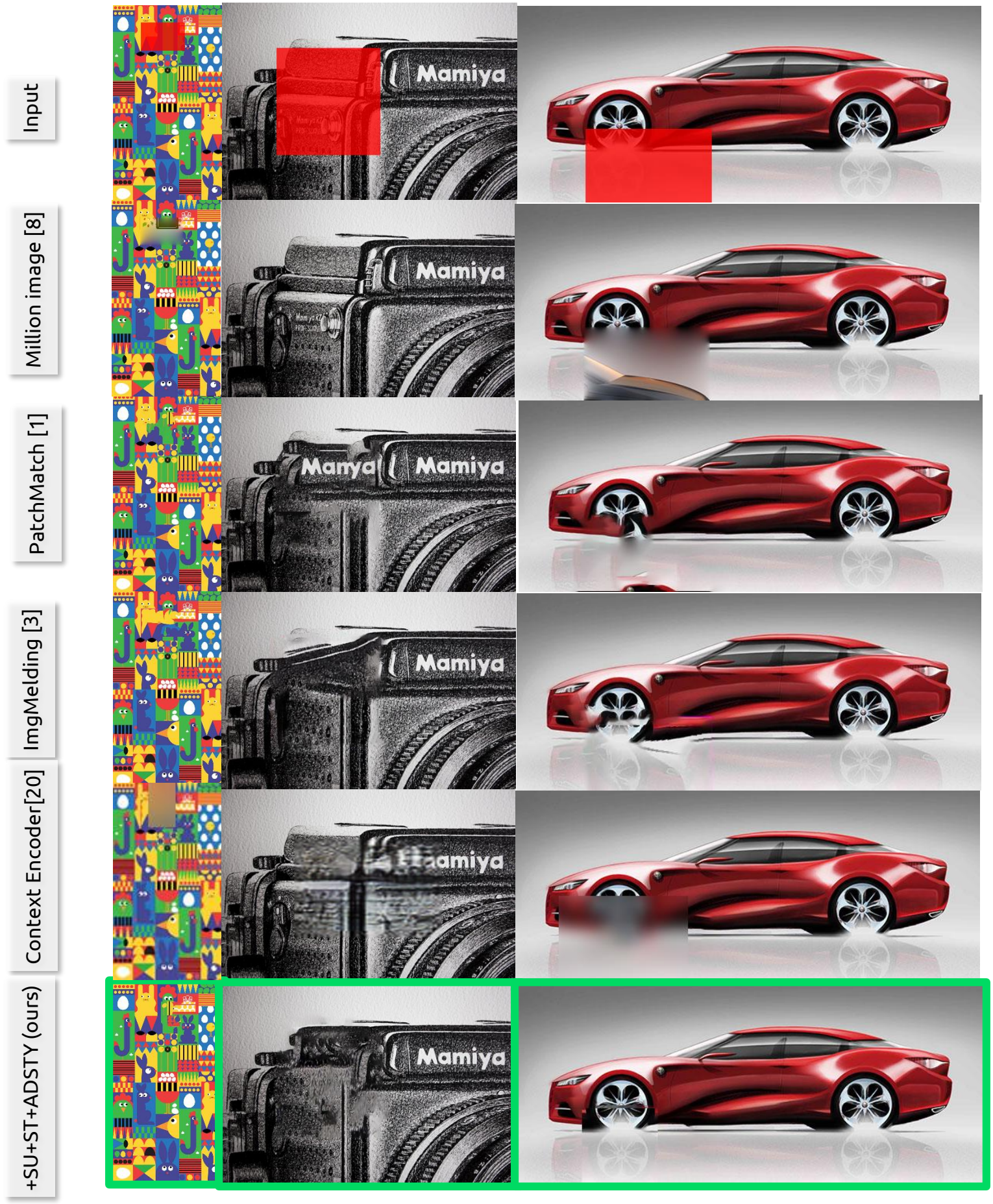
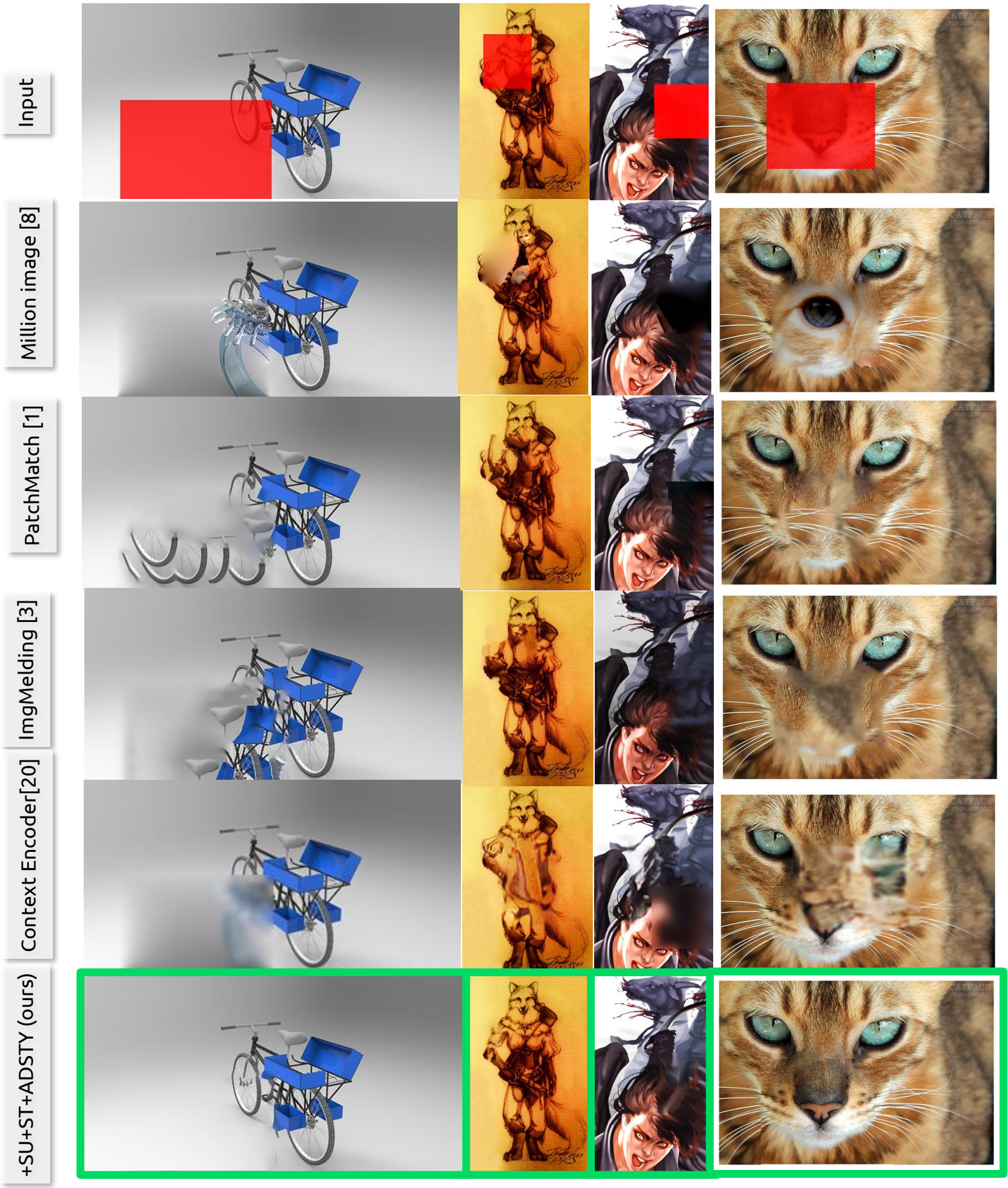
Comparison with existing works on the artistic BAM dataset

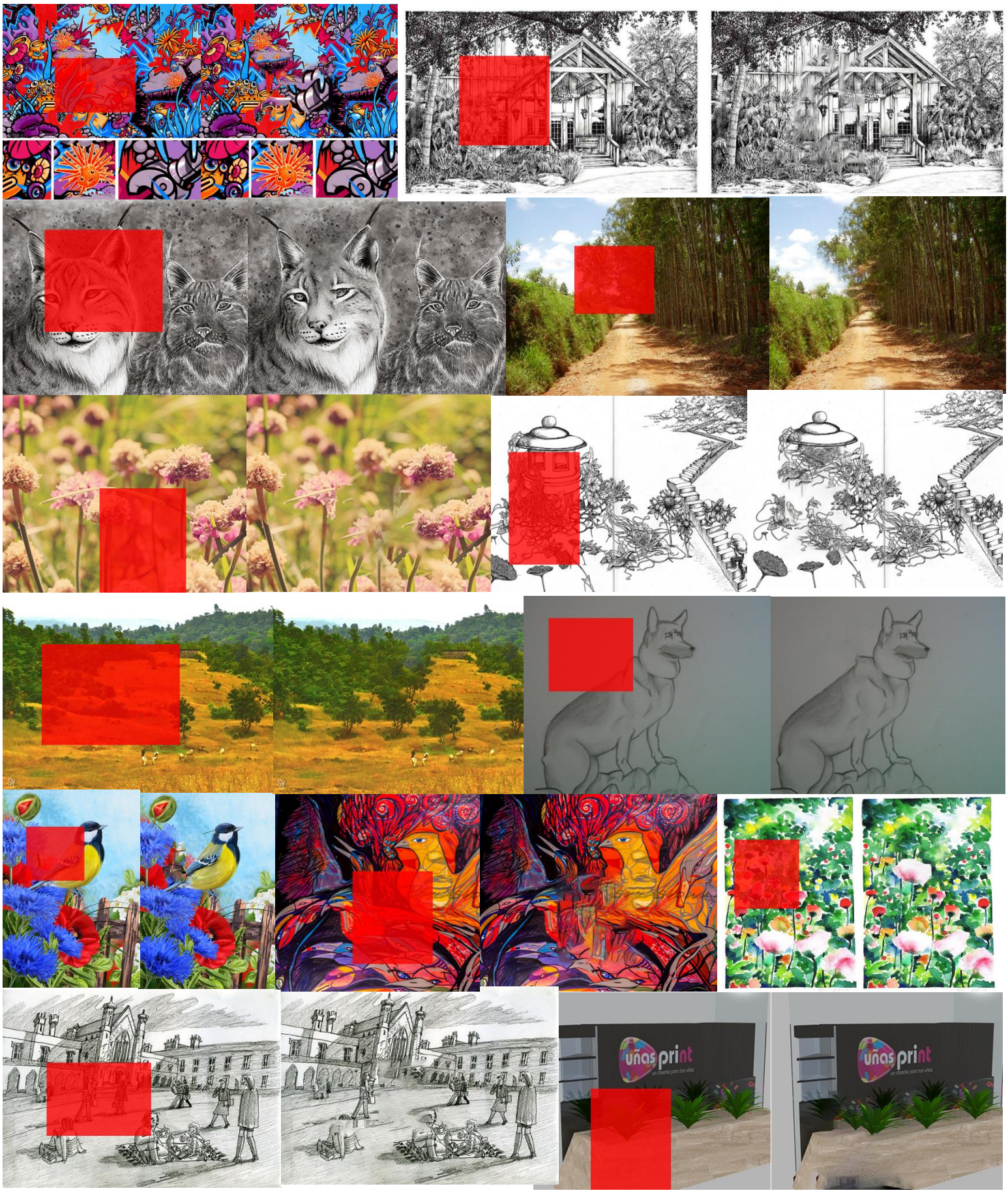
Comparison with existing works on the artistic BAM dataset



Comparison with existing works on the artistic BAM dataset



Further artistic BAM inpainting results



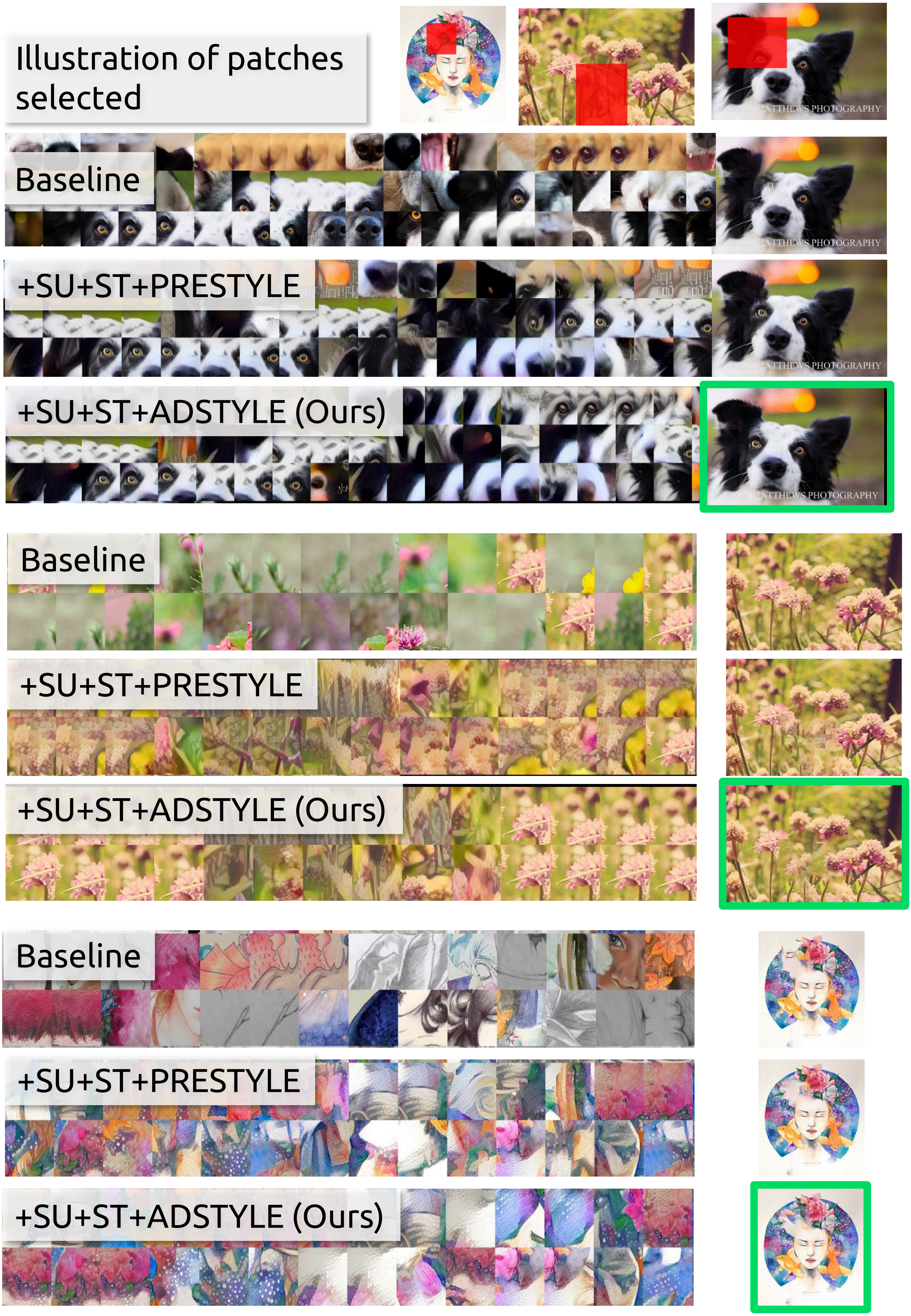
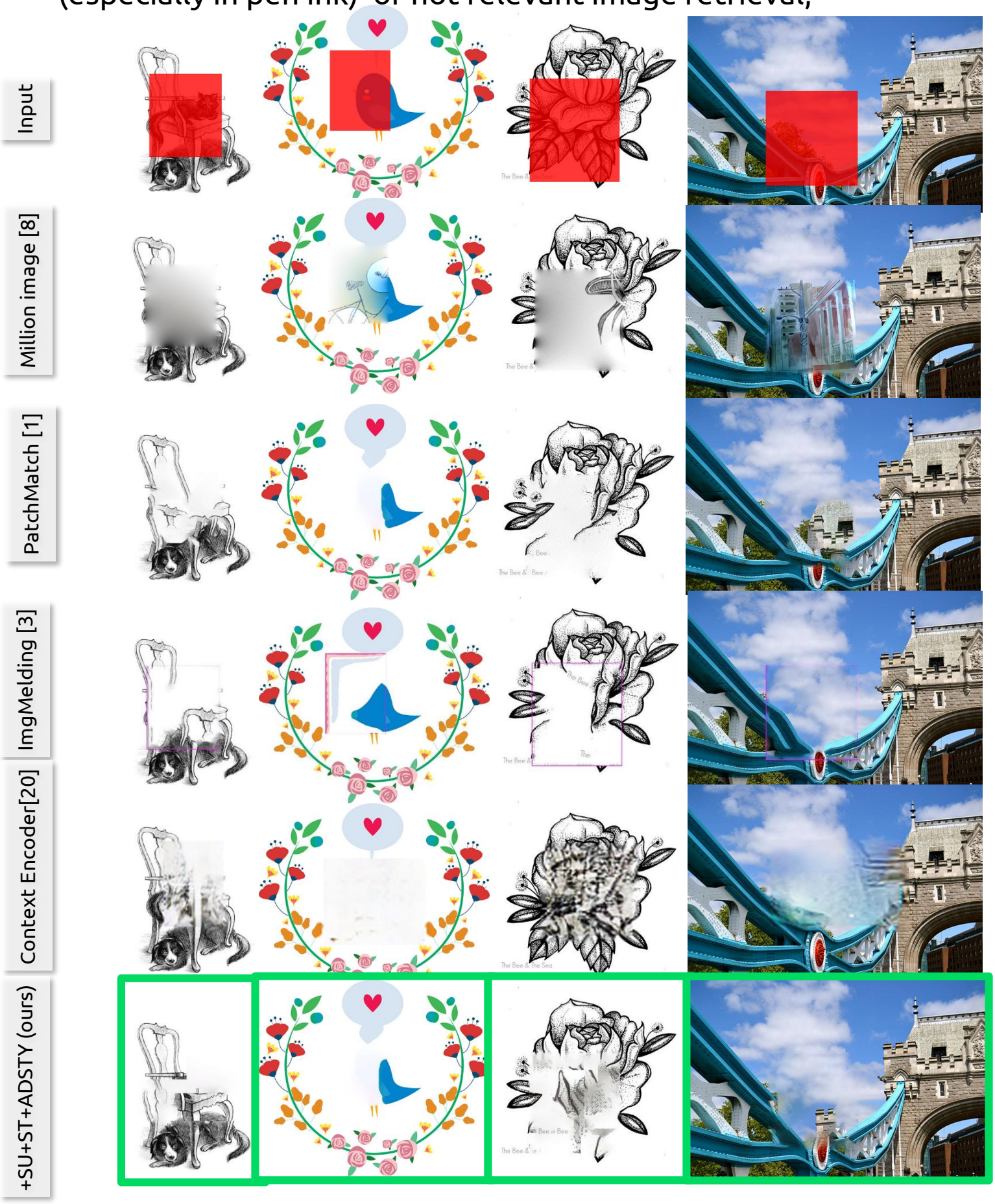


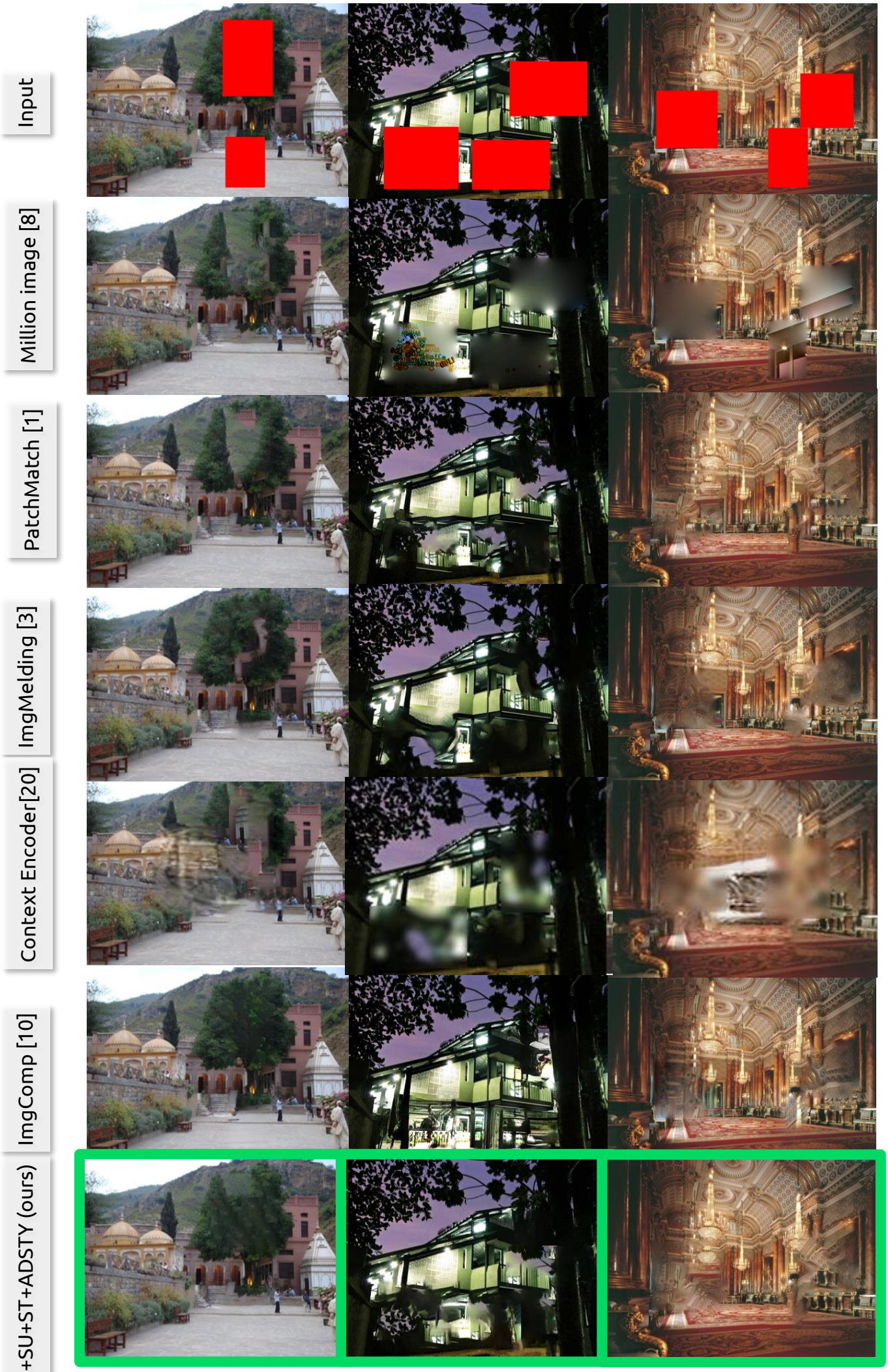
Illustration of patches selected
Baseline
+SU+ST+PRESTYLE
+SU+ST+ADSTYLE (Ours)
Baseline
+SU+ST+PRESTYLE
+SU+ST+ADSTYLE (Ours)
Baseline
+SU+ST+PRESTYLE
+SU+ST+ADSTYLE (Ours)

Further failure cases

Failure cases in general due to failure in the stylization in the NST (especially in pen ink) or not relevant image retrieval,

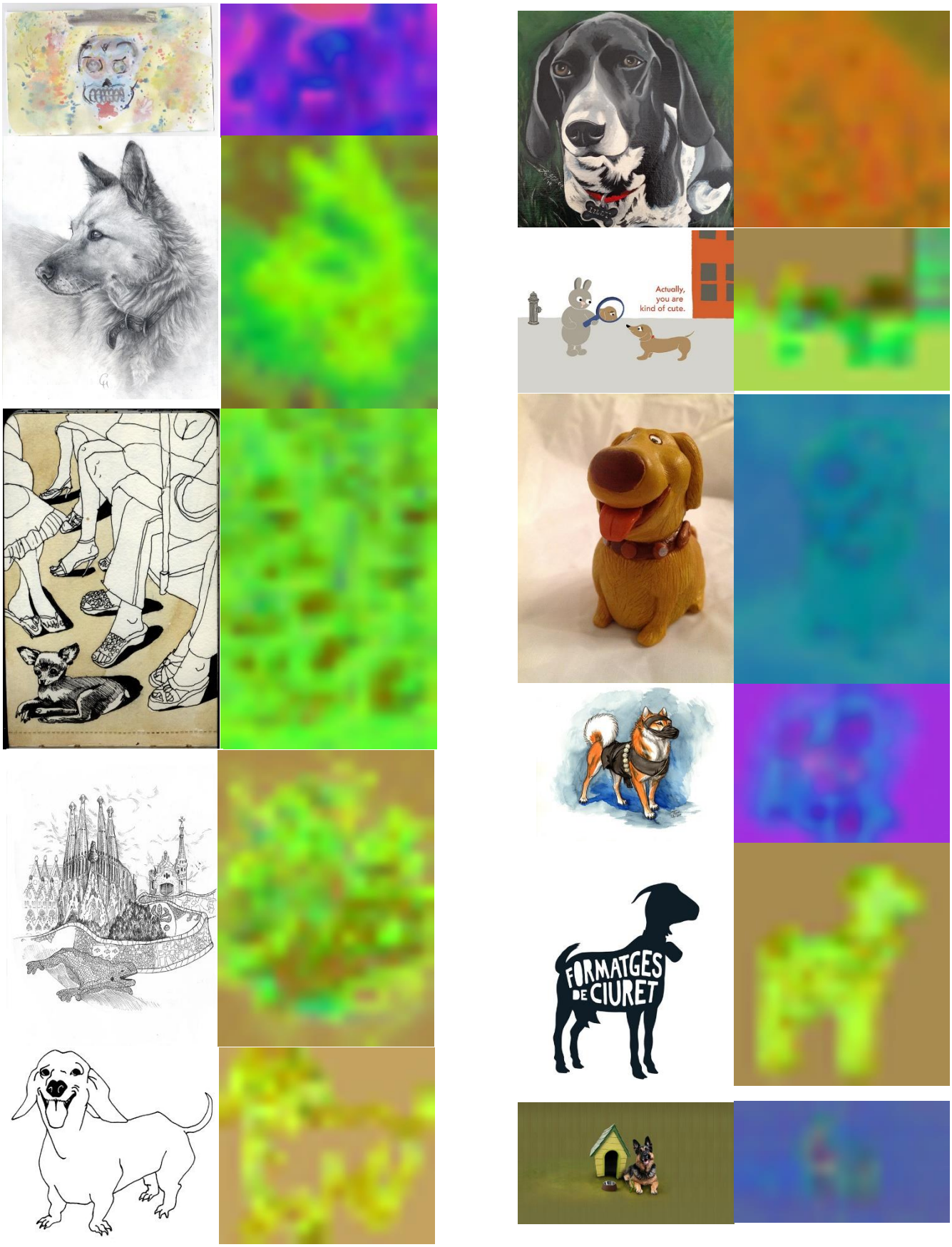


Comparison with existing works on Places2 dataset



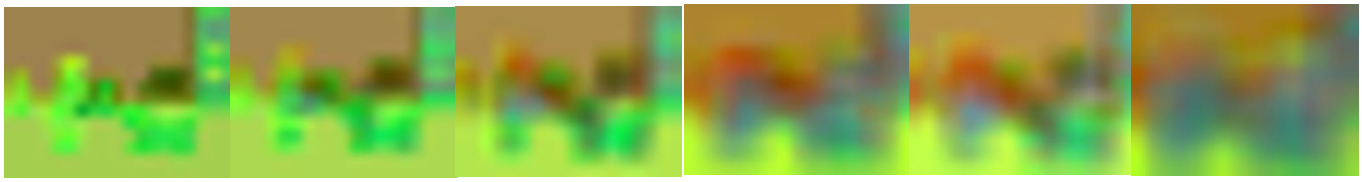
Patch Style Embedding

Dense visualizations of patch style embedding (g_z) for images with similar semantics but varied styles:
3D graphics, Graphite, Oil painting, Pen Ink, Vector, WaterColor

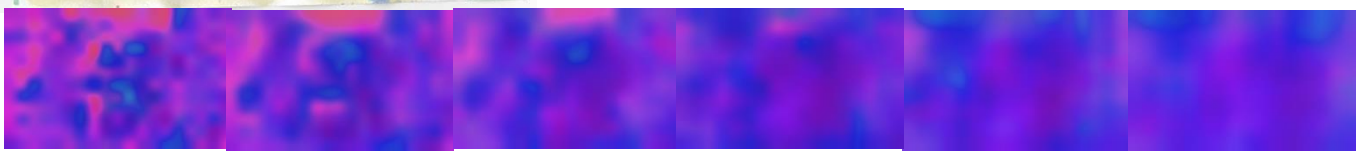


Scaled Patch Size Style Embedding

Given that the MRF is solved iteratively at multiple scale levels, we present the style embedding for the different scales, it can be seen the style embedding remains constant despite the differing patch sizes



40x40pix Increasing Patch size 160x160pix



40x40pix Increasing Patch size 160x160pix