

AR Dataset

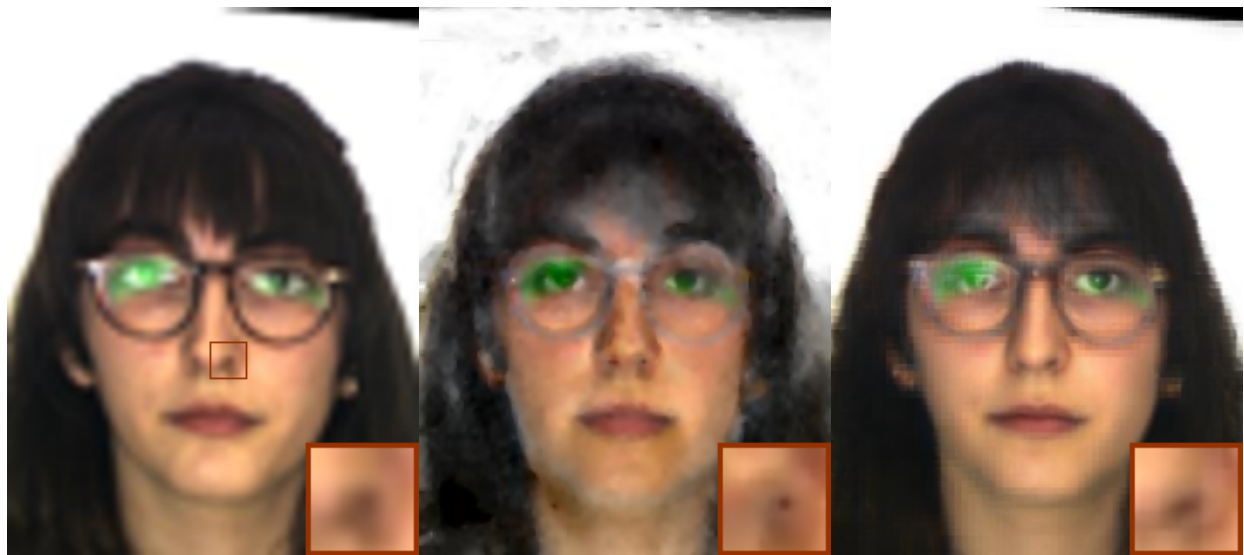
Evaluations

TABLE I: AR Dataset

	Bicubic	Liu07 [24]	Ma10 [30]	Yang10 [46]	Yang13 [43]	Dong15 [4]	Gu15 [8]	Finetuned [4]	Proposed
PSNR	29.111	20.448	26.492	30.990	29.894	32.102	32.003	32.573	33.600
SSIM	0.911	0.697	0.859	0.925	0.893	0.931	0.915	0.933	0.941
FSIM	0.912	0.791	0.891	0.934	0.920	0.941	0.938	0.944	0.952
GMSD	0.092	0.213	0.119	0.063	0.053	0.084	0.051	0.050	0.043

Quantitative evaluations on AR dataset.

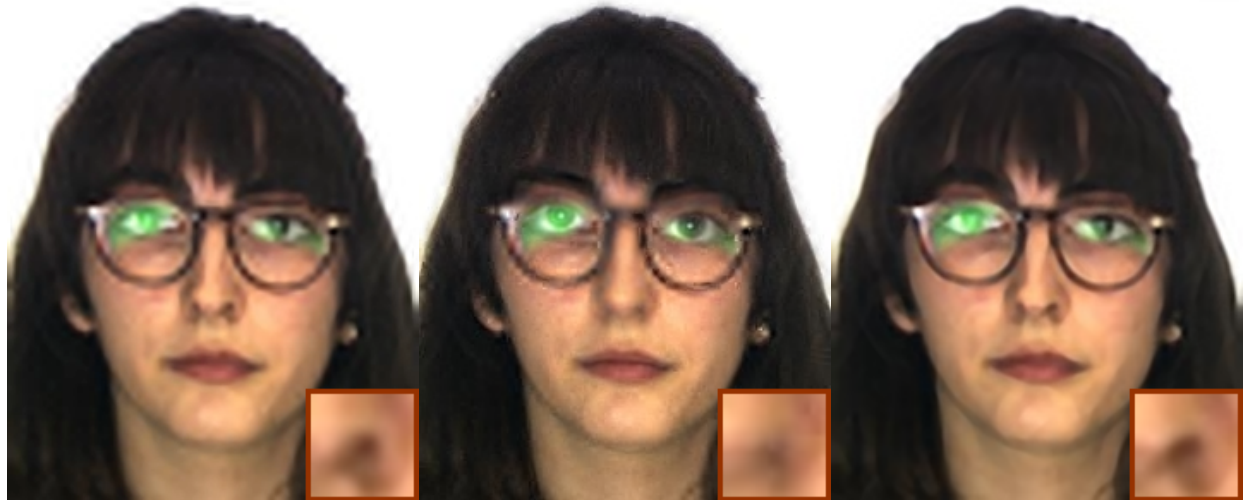
In this file we show numerical and visual evaluations on AR dataset. We involve Gu15 [8] for comparison which is the most recent generic image SR method. The numerical evaluation is shown in Table I and visual evaluation is shown from Fig. 1 to Fig. 5.



(a) Bicubic
PSNR / SSIM
FSIM / GMSD

(b) Liu07 [24]
18.830 / 0.637
0.759 / 0.227

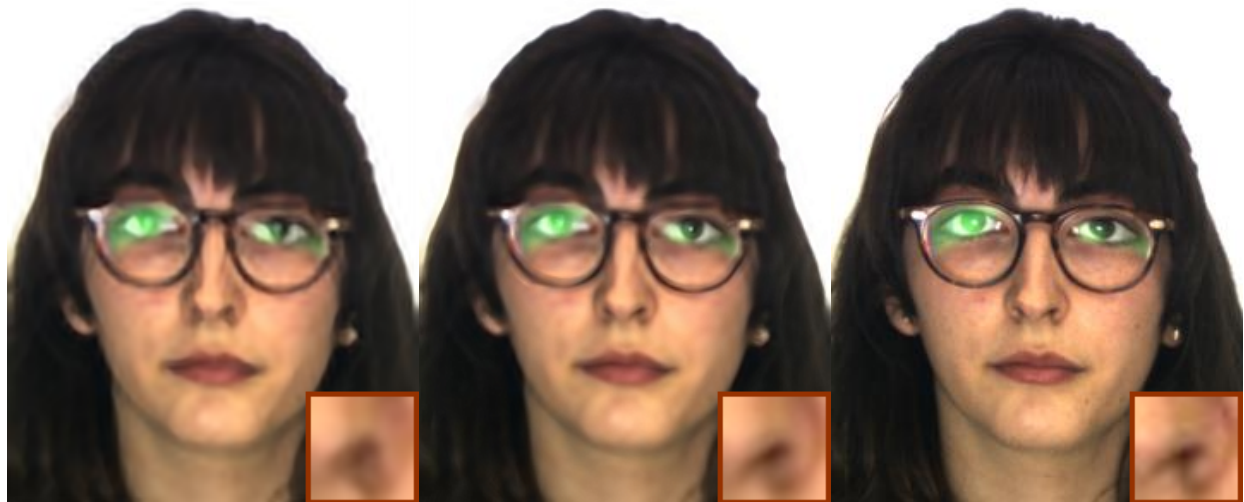
(c) Ma10 [30]
25.195 / 0.840
0.875 / 0.132



(d) Yang10 [46]
29.382 / 0.927
0.929 / 0.072

(e) Yang13 [43]
28.974 / 0.891
0.913 / 0.094

(f) Gu15 [8]
30.758 / 0.940
0.942 / 0.052



(g) Finetuned [4]
31.453 / 0.936
0.941 / 0.053

(h) Ours
33.103 / 0.940
0.953 / 0.040

(i) Ground Truth
 $+\infty$ / 1
1 / 0

Fig. 1: Visual evaluation for $4 \times$ upsampled face image.

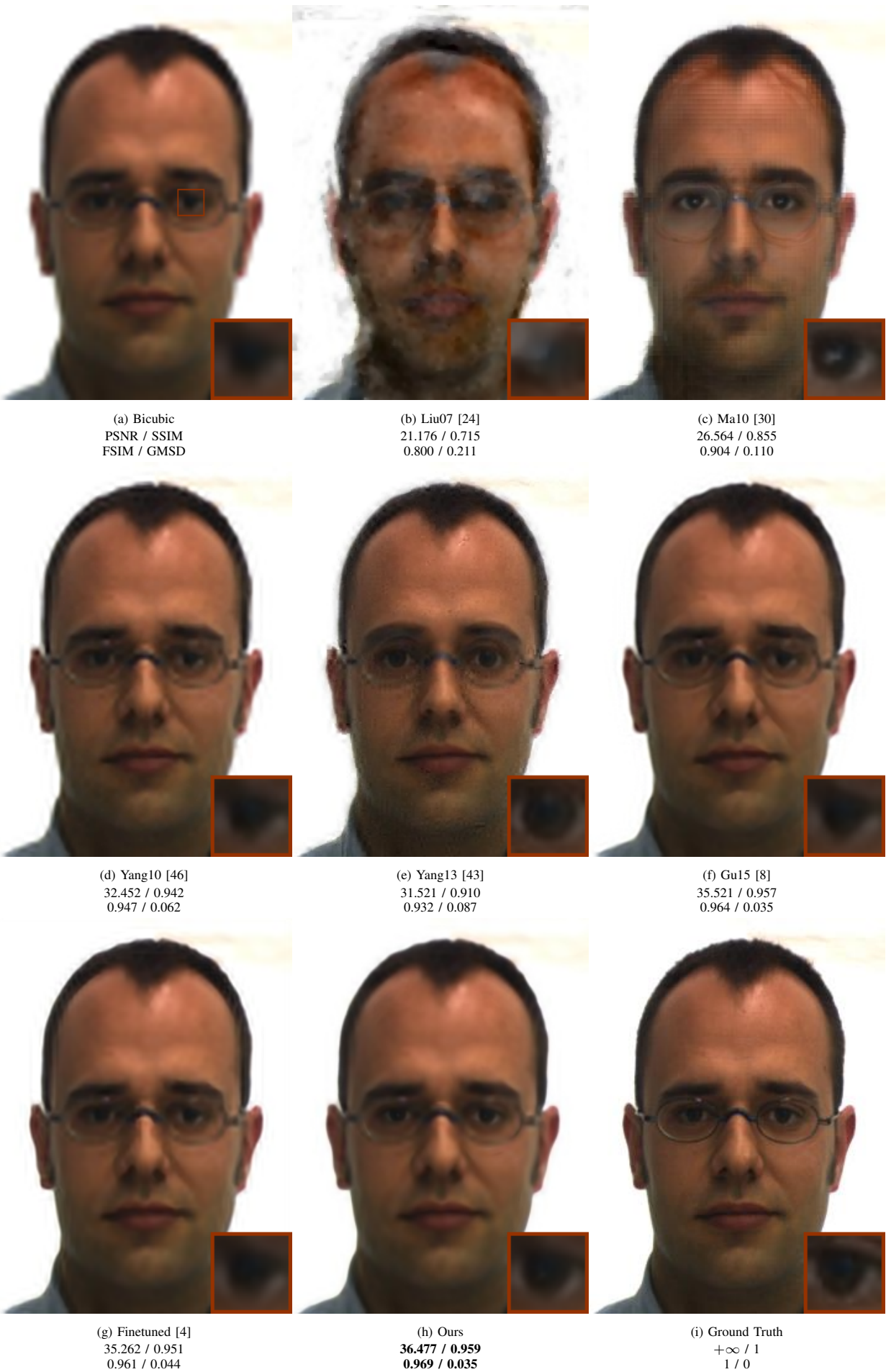


Fig. 2: Visual evaluation for $4 \times$ upsampled face image.



Fig. 3: Visual evaluation for $4 \times$ upsampled face image.



Fig. 4: Visual evaluation for $4 \times$ upsampled face image.



Fig. 5: Visual evaluation for $4 \times$ upsampled face image.