Supplementary for *DeFusionNET: Defocus Blur Detection via Recurrently Fusing and Refining Multi-scale Deep Features*

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1. Ablation Analysis Using Precision-recall Curves

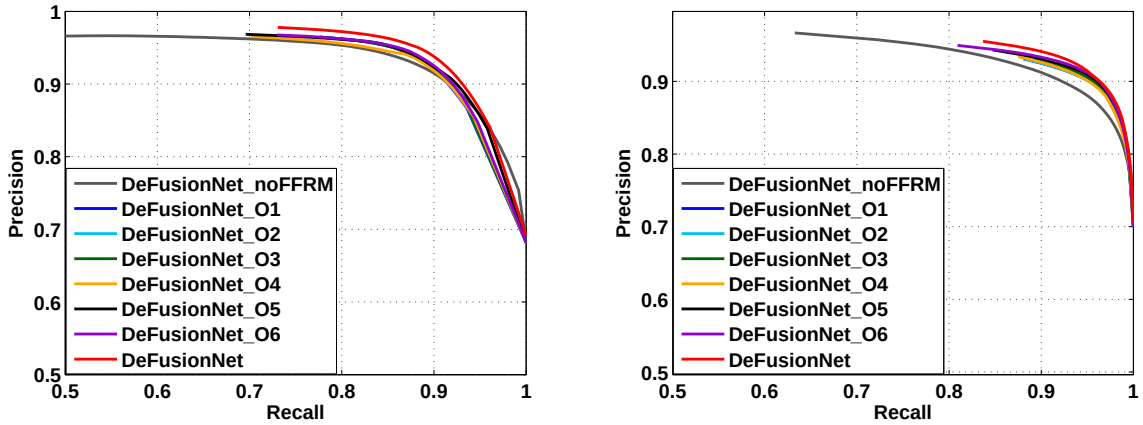
Ablation analysis using precision-recall curves is shown in Figure 1.

2. More Visual Comparison Results

More visual comparison results can be found in Figure 2.

3. Results at Different Time Steps

4. F-measure and MAE Scores of on Two Datasets with Different m



(a) Shi et al.'s dataset (b) DUT

Figure 1. Ablation analysis using precision-recall curves.

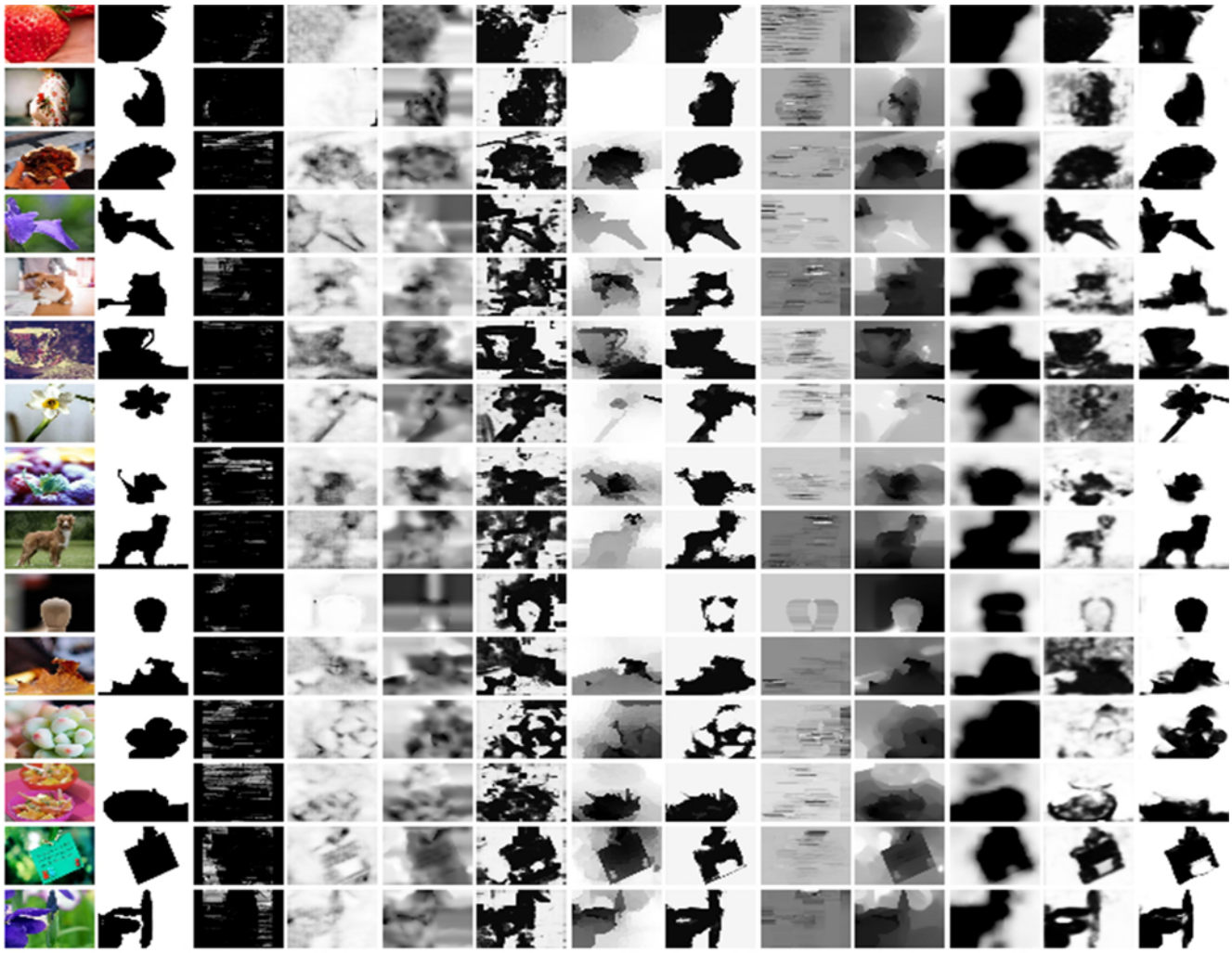


Figure 2. Visual comparison of detected defocus blur maps generated from different methods. The results demonstrate that our method consistently outperforms other approaches, and produces defocus blur maps more close to the ground truth.

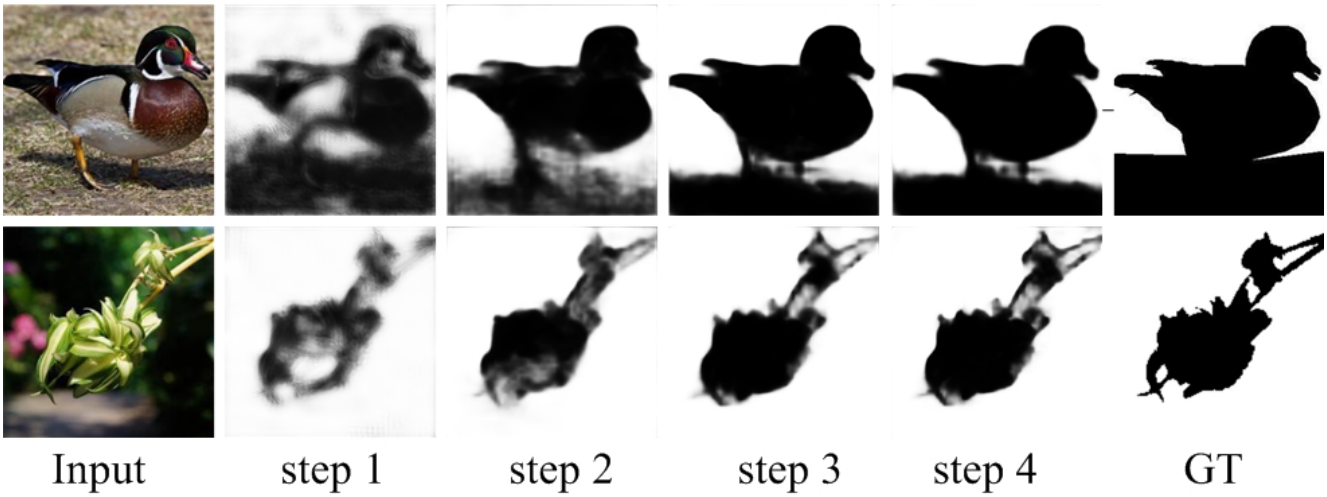


Figure 3. Results at different time steps.

Table 1. F-measure and MAE scores of on two datasets with different m

m		1	2	3	4	5	6
Shi et al.'s dataset	F-Measure	0.894	0.899	0.917	0.911	0.905	0.896
	MAE	0.122	0.119	0.116	0.118	0.125	0.131
DUT	F-Measure	0.898	0.914	0.922	0.919	0.903	0.896
	MAE	0.175	0.158	0.115	0.137	0.141	0.152