

Specificity-preserving RGB-D Saliency Detection

Tao Zhou¹, Huazhu Fu², Geng Chen², Yi Zhou³, Deng-Ping Fan^{2*}, Ling Shao²

¹PCA lab, The Key Laboratory of Intelligent Perception and Systems for High-Dimensional Information of MoE, School of Computer Science and Engineering, Nanjing University of Science and Technology, China

²IIAI, Abu Dhabi, UAE ³School of Computer Science and Engineering, Southeast University, China

For a clear view, we only show PR and F-measure curves of 14 RGB-D saliency detection methods (including 13 state-of-the-art models and our method) in the manuscript. Here, we show complete PR and F-measure curves of 28 benchmarking methods (except MDSF and DTM, due to their saliency maps are not available) and our method, in our supplementary materials. The results, shown in Figs. 1 and 2, indicate that our method outperforms all the comparison saliency detection approaches.

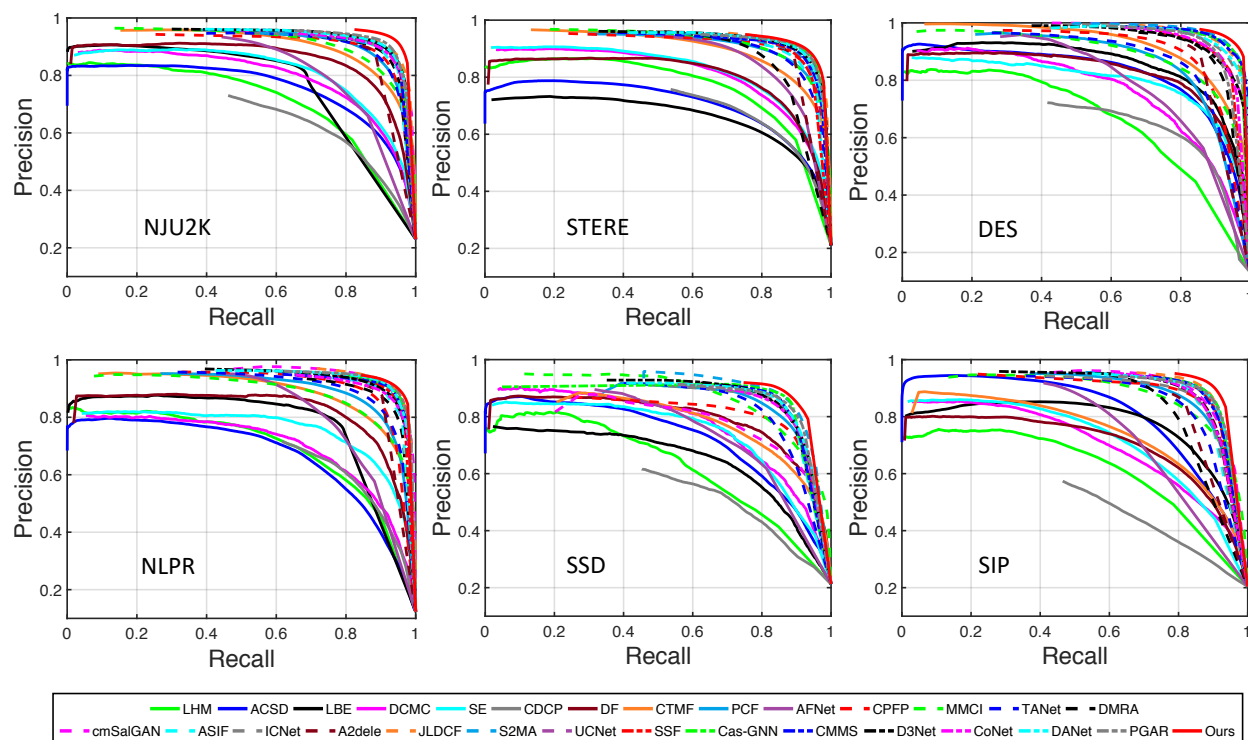


Figure 1: PR curves on NJU2K, STERE, DES, NLPR, SSD and SIP datasets.

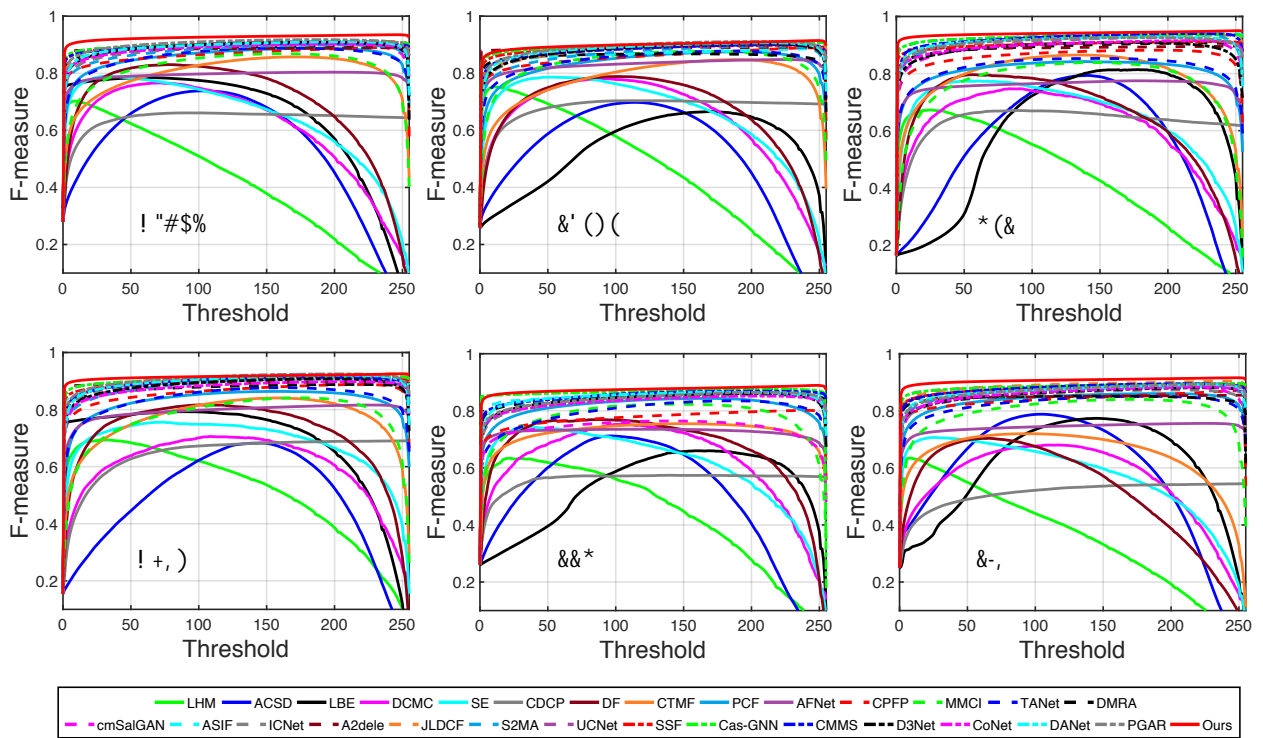


Figure 2: F-measure curves of on NJU2K, STERE, DES, NLPR, SSD and SIP datasets.