Representative quantitative comparison (reported by authors)

Method	Reported score (mAP@0.5 or F1)
This work (ensemble) mAP@0.5	0.96
Xie et al. ST-YOLO mAP@0.5	0.966
Dotenco et al. (defect cls) F1	0.939
Di Tommaso et al. (IR hotspots) AP@0.5	0.669