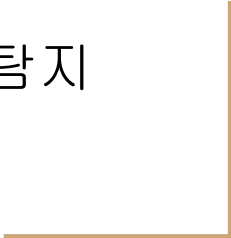




Blood-Cell Detection

YOLOv8을 이용한 탐지



학습 모델 요약

Model summary (fused): 168 layers, 3006233 parameters, 0 gradients, 8.1 GFLOPs

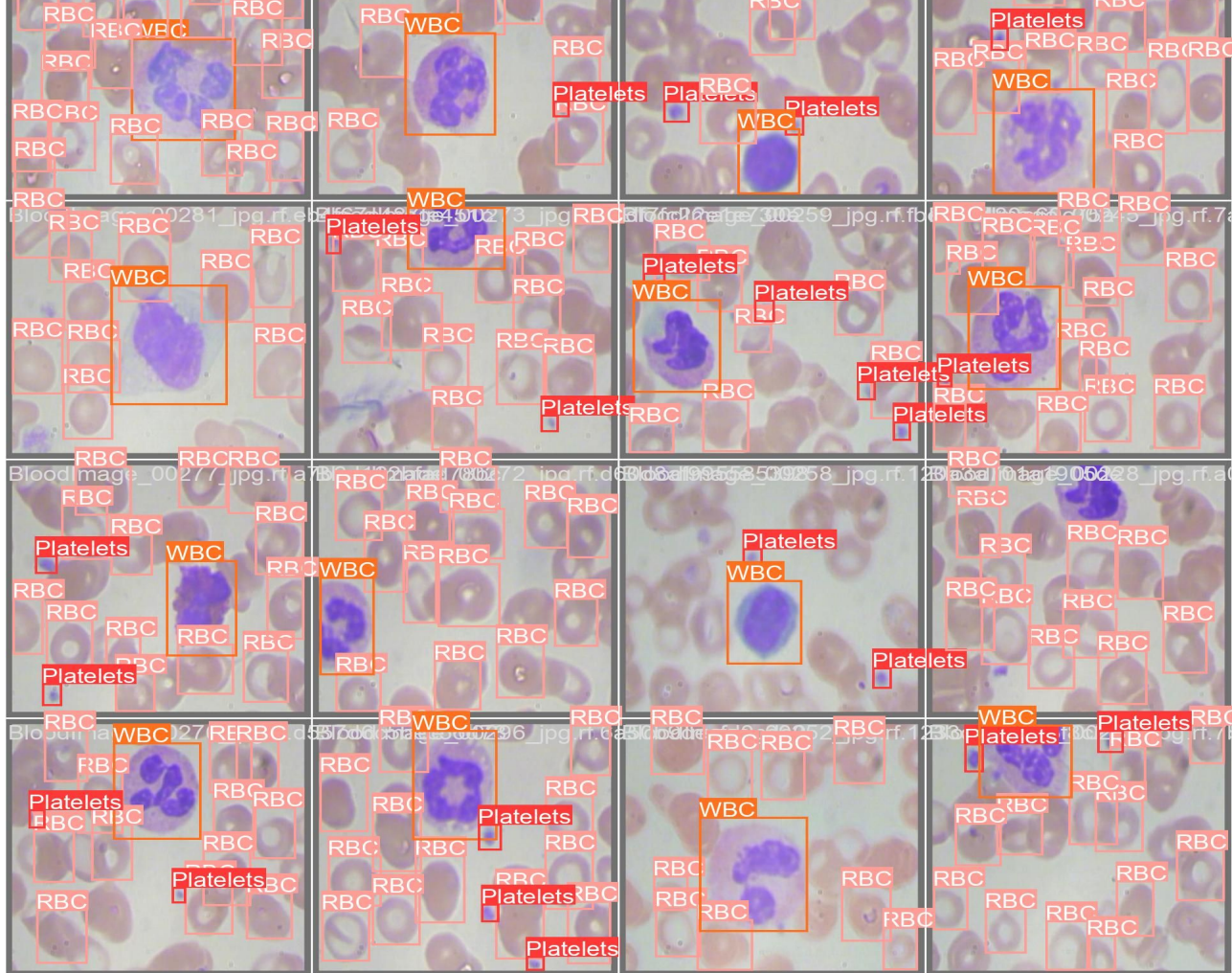
Class	Images	Instances	Box(P)	R	mAP50	mAP50-95)
all	73	967	0.822	0.933	0.917	0.642
Platelets	73	76	0.771	0.929	0.895	0.511
RBC	73	819	0.734	0.869	0.868	0.606
WBC	73	72	0.961	1	0.987	0.808

Speed: 0.2ms preprocess, 2.3ms inference, 0.0ms loss, 2.1ms postprocess per image

최대 epoch 58

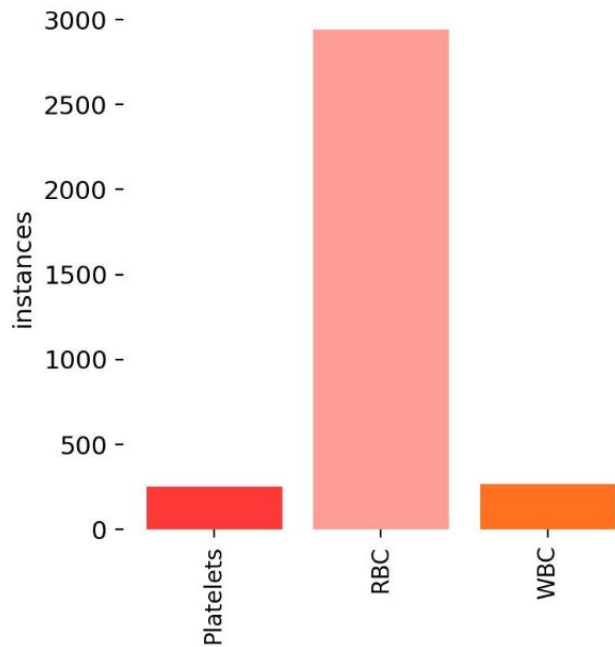
BEST epoch 48, mixup=0.25

mAP50 =0.917 , mAP50-95=0.642





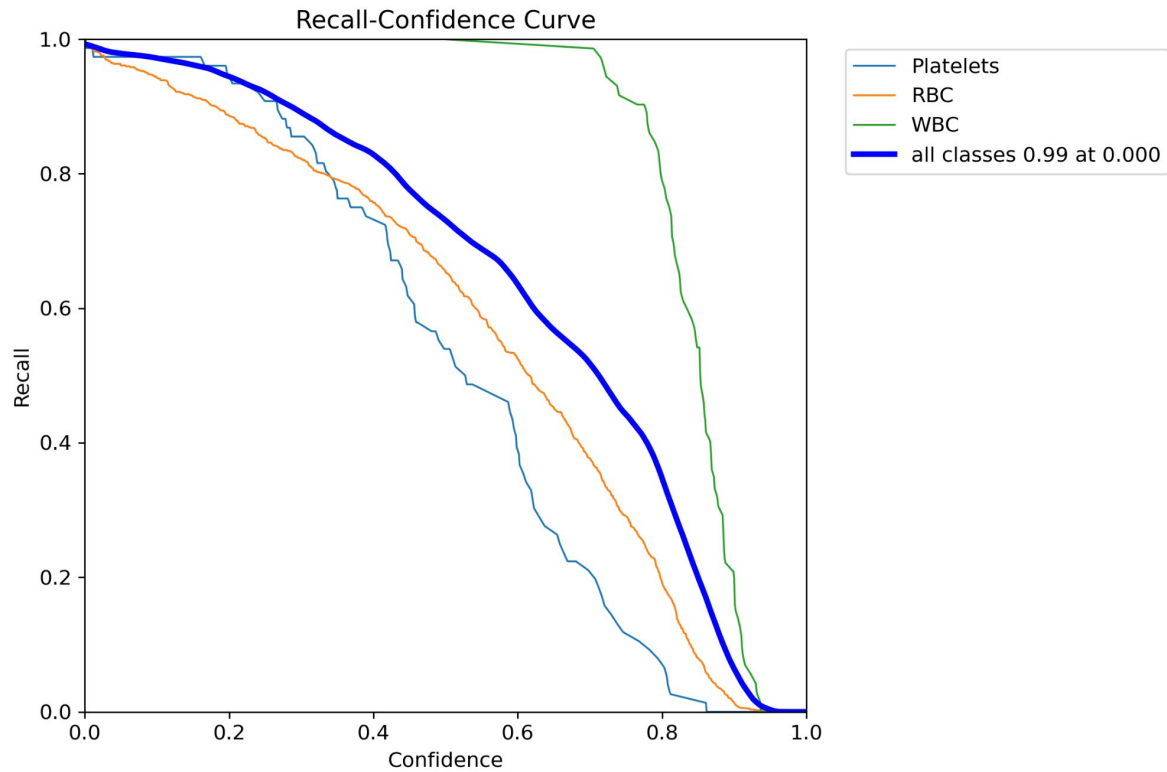
탐지된 라벨의 개수



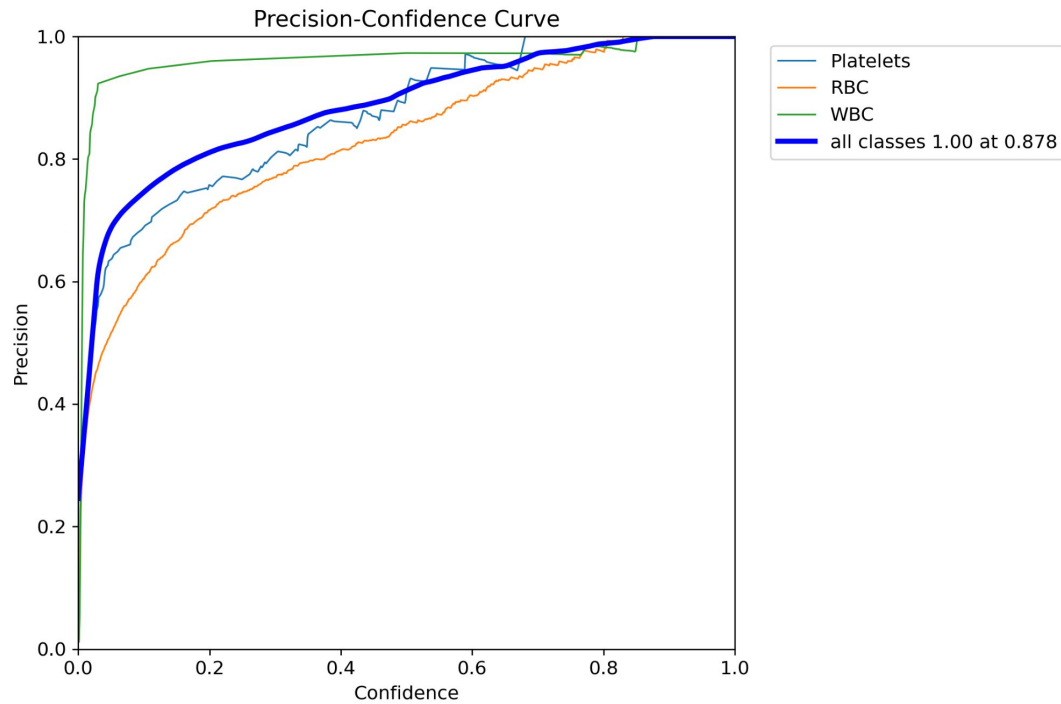
실제 라벨이랑 예측된 라벨 비교(정규화 버전)



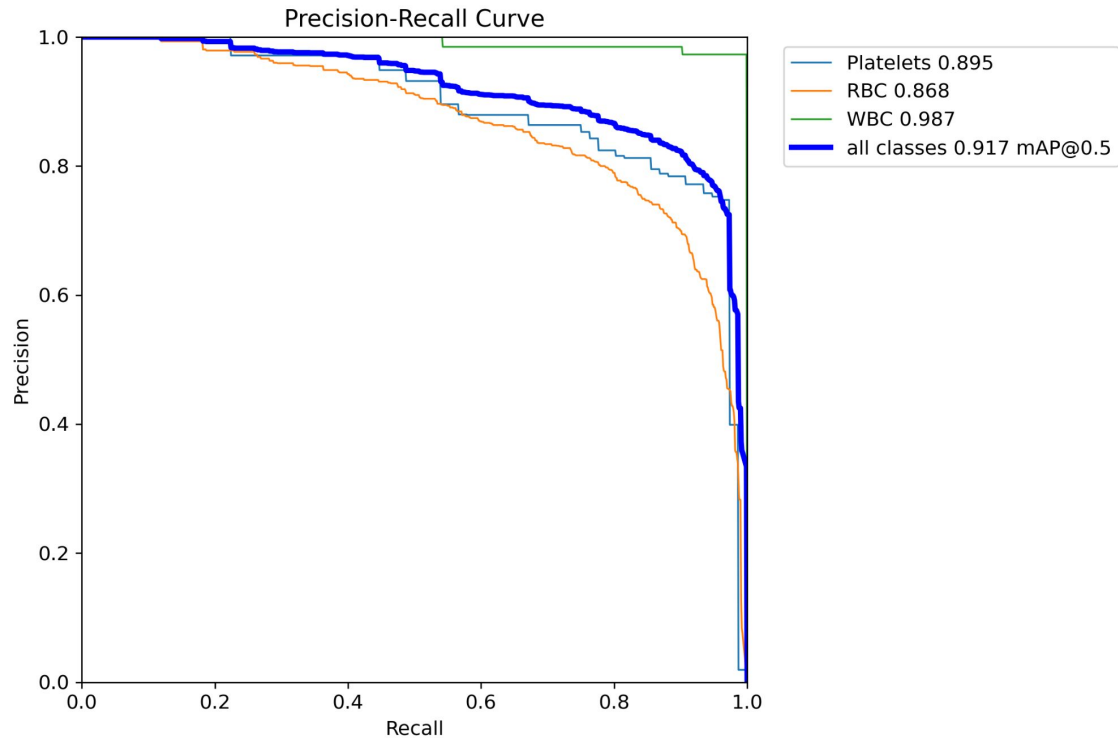
R-곡선



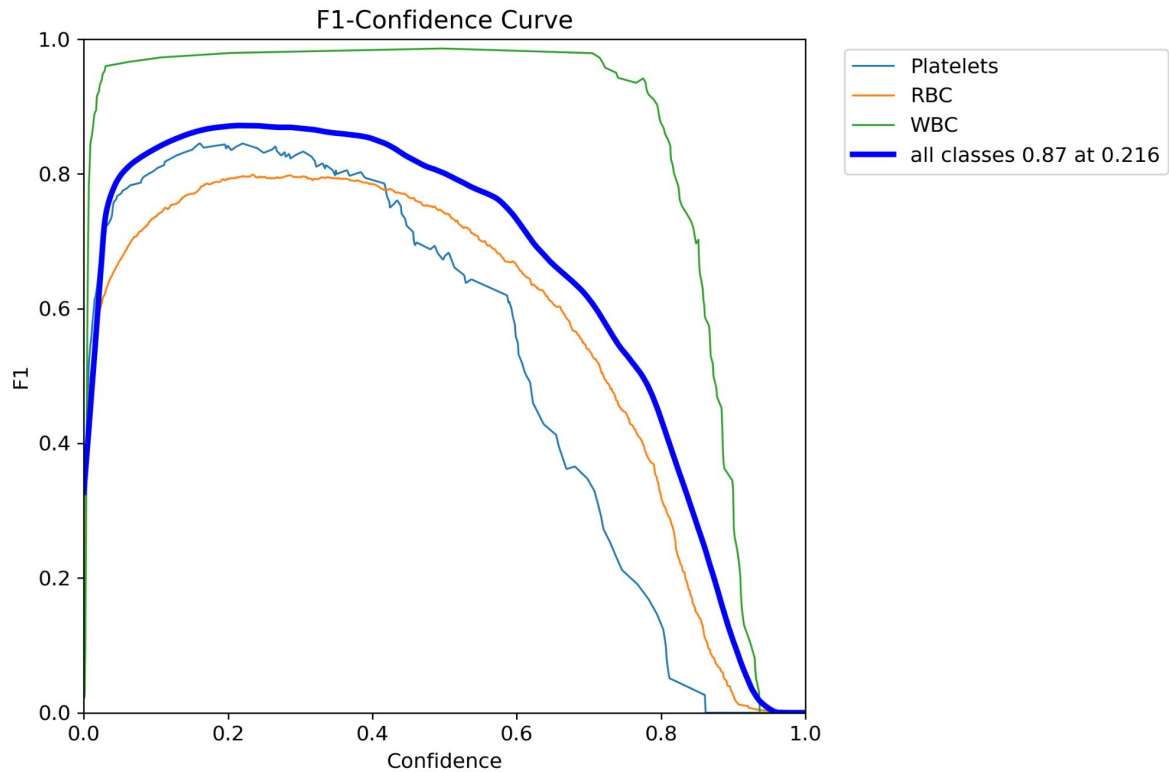
P 곡선



PR 곡선



F1 곡선



링크

<https://github.com/james-choi-k/blood-cell-detection>