**Centernet Resnet50 V2: (epochs: 25000)**

Average Precision (AP) @[ IoU=0.50:0.95 | area= all | maxDets=100 ] = **0.247**

Average Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets=100 ] = **0.814**

**EfficientDet D1: (epochs: 25000) (NAN OCCURS)**

Average Precision (AP) @[ IoU=0.50:0.95 | area= all | maxDets=100 ] = **0.002** Average Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets=100 ] = **0.079**

**FasterRCNN Resnet50 V1: (epochs: 25000) (CANNOT PREDICT)**

Average Precision (AP) @[ IoU=0.50:0.95 | area= all | maxDets=100 ] = **0.244**

Average Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets=100 ] = **0.640**

**FasterRCNN ResnetFPN: (epochs: 2000)**  
Average Precision (AP) @[ IoU=0.50:0.95 | area= all | maxDets=100 ] = **0.000**

Average Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets=100 ] = **0.000**

**Retinanet Mobilenet: (epochs: 2000)**

Average Precision (AP) @[ IoU=0.50:0.95 | area= all | maxDets=100 ] = **0.159**

Average Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets=100 ] = **0.687**

**Retinanet ResnetFPN:** **(epochs: 2000)**

Average Precision (AP) @[ IoU=0.50:0.95 | area= all | maxDets=100 ] = **0.046**

Average Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets=100 ] = **0.458**

**Retinanet Spinenet: (epochs: 2000) (NAN OCCURS)**

Average Precision (AP) @[ IoU=0.50:0.95 | area= all | maxDets=100 ] = **0.000**

Average Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets=100 ] = **0.000**

**SSD Mobilenet V1: (epochs: 25000)**

Average Precision (AP) @[ IoU=0.50:0.95 | area= all | maxDets=100 ] = **0.809**

Average Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets=100 ] = **0.890**

**SSD Resnet50 V1(RetinaNet50): (epochs: 25000)**

Average Precision (AP) @[ IoU=0.50:0.95 | area= all | maxDets=100 ] = **0.280**

Average Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets=100 ] = **0.819**

**YOLO V8: (epochs: 150)**

Average Precision (AP) = **0.62238**

Average Recall (AR) = **0.62723**

**DETR Resnet 50: (epochs:120)**

Average Precision (AP) @[ IoU=0.50:0.95 | area= all | maxDets=100 ] = **0.706**

Average Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets=100 ] = **0.764**