Epoch GPU\_mem box\_loss cls\_loss dfl\_loss Instances Size

100/100 5.39G 0.4987 0.4685 0.8454 1733 640: 100%|██████████| 1337/1337 [06:50<00:00, 3.25it/s]

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 75/75 [00:14<00:00, 5.25it/s]

all 2377 134463 0.748 0.774 0.825 0.721

100 epochs completed in 11.810 hours.

Optimizer stripped from runs/train/exp4/weights/last.pt, 5.5MB

Optimizer stripped from runs/train/exp4/weights/best.pt, 5.5MB

Validating runs/train/exp4/weights/best.pt...

WARNING ⚠️ validating an untrained model YAML will result in 0 mAP.

Ultralytics 8.3.29 🚀 Python-3.8.19 torch-2.3.0+cu121 CUDA:0 (NVIDIA A10, 22503MiB)

YOLO11 summary (fused): 238 layers, 2,591,122 parameters, 0 gradients, 6.4 GFLOPs

/data2/hejt/anaconda3/envs/v5/lib/python3.8/site-packages/torch/nn/modules/conv.py:456: UserWarning: Plan failed with a cudnnException: CUDNN\_BACKEND\_EXECUTION\_PLAN\_DESCRIPTOR: cudnnFinalize Descriptor Failed cudnn\_status: CUDNN\_STATUS\_NOT\_SUPPORTED (Triggered internally at ../aten/src/ATen/native/cudnn/Conv\_v8.cpp:919.)

return F.conv2d(input, weight, bias, self.stride,

Class Images Instances Box(P R mAP50 mAP50-95): 3%|▎ | 2/75 [00:00<00:19, 3.70it/s]WARNING ⚠️ NMS time limit 3.600s exceeded

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 75/75 [00:30<00:00, 2.43it/s]

all 2377 134463 0.749 0.772 0.823 0.72

105 565 822 0.655 0.771 0.807 0.737

501 155 262 0.568 0.548 0.565 0.513

506 399 1057 0.835 0.959 0.968 0.868

117 629 1208 0.645 0.348 0.516 0.439

111 1738 7703 0.875 0.844 0.924 0.651

102 421 668 0.657 0.588 0.667 0.611

114 2138 102630 0.863 0.951 0.969 0.887

107 497 2071 0.758 0.843 0.887 0.824

303 866 3077 0.789 0.777 0.873 0.761

206 1011 1808 0.802 0.958 0.936 0.869

103 591 2462 0.72 0.692 0.785 0.697

507 191 344 0.712 0.672 0.717 0.65

207 115 220 0.933 0.864 0.968 0.874

304 484 801 0.811 0.813 0.886 0.655

110 316 442 0.96 0.971 0.991 0.926

403 582 1675 0.722 0.709 0.79 0.619

104 204 232 0.708 0.772 0.797 0.701

113 332 1333 0.744 0.86 0.898 0.851

205 302 639 0.712 0.867 0.869 0.792

108 132 259 0.772 0.826 0.896 0.766

112 99 120 0.706 0.86 0.841 0.639

127 172 503 0.689 0.833 0.822 0.725

116 199 625 0.735 0.839 0.871 0.785

203 242 817 0.706 0.717 0.79 0.71

202 219 325 0.697 0.615 0.707 0.644

201 327 414 0.771 0.659 0.782 0.654

309 312 901 0.712 0.76 0.817 0.692

204 113 312 0.706 0.881 0.875 0.771

120 409 733 0.752 0.578 0.659 0.565

Speed: 0.1ms preprocess, 0.7ms inference, 0.0ms loss, 3.4ms postprocess per image