(alfonso1) c:\Fracture.v1i\_Reduced\_Yolov10>python TrainFractureYolov10OJumbo1.py

C:\Users\Alfonso Blanco\.conda\envs\alfonso1\lib\site-packages\numpy\\_distributor\_init.py:30: UserWarning: loaded more than 1 DLL from .libs:

C:\Users\Alfonso Blanco\.conda\envs\alfonso1\lib\site-packages\numpy\.libs\libopenblas.FB5AE2TYXYH2IJRDKGDGQ3XBKLKTF43H.gfortran-win\_amd64.dll

C:\Users\Alfonso Blanco\.conda\envs\alfonso1\lib\site-packages\numpy\.libs\libopenblas64\_\_v0.3.21-gcc\_10\_3\_0.dll

warnings.warn("loaded more than 1 DLL from .libs:"

New https://pypi.org/project/ultralytics/8.2.66 available 😃 Update with 'pip install -U ultralytics'

Ultralytics YOLOv8.2.52 🚀 Python-3.9.16 torch-1.13.1+cpu CPU (11th Gen Intel Core(TM) i5-1155G7 2.50GHz)

WARNING ⚠️ Upgrade to torch>=2.0.0 for deterministic training.

engine\trainer: task=detect, mode=train, model=yolov10n.pt, data=FractureYolov10OJumbo1.yaml, epochs=200, time=None, patience=100, batch=16, imgsz=640, save=True, save\_period=-1, cache=False, device=cpu, workers=8, project=runs/train, name=exp4, exist\_ok=False, pretrained=True, optimizer=SGD, verbose=True, seed=0, deterministic=True, single\_cls=False, rect=False, cos\_lr=False, close\_mosaic=10, resume=False, amp=True, fraction=1.0, profile=False, freeze=None, multi\_scale=True, overlap\_mask=True, mask\_ratio=4, dropout=0.0, val=True, split=val, save\_json=False, save\_hybrid=False, conf=None, iou=0.7, max\_det=300, half=False, dnn=False, plots=True, source=None, vid\_stride=1, stream\_buffer=False, visualize=False, augment=False, agnostic\_nms=False, classes=None, retina\_masks=False, embed=None, show=False, save\_frames=False, save\_txt=False, save\_conf=False, save\_crop=False, show\_labels=True, show\_conf=True, show\_boxes=True, line\_width=None, format=torchscript, keras=False, optimize=False, int8=False, dynamic=False, simplify=False, opset=None, workspace=4, nms=False, lr0=0.01, lrf=0.1, momentum=0.937, weight\_decay=0.0005, warmup\_epochs=3.0, warmup\_momentum=0.8, warmup\_bias\_lr=0.1, box=7.5, cls=0.5, dfl=1.5, pose=12.0, kobj=1.0, label\_smoothing=0.0, nbs=64, hsv\_h=0.015, hsv\_s=0.7, hsv\_v=0.4, degrees=0.0, translate=0.1, scale=0.5, shear=0.0, perspective=0.0, flipud=0.0, fliplr=0.5, bgr=0.0, mosaic=1.0, mixup=0.0, copy\_paste=0.0, auto\_augment=randaugment, erasing=0.4, crop\_fraction=1.0, cfg=None, tracker=botsort.yaml, save\_dir=runs\train\exp4

Overriding model.yaml nc=80 with nc=1

from n params module arguments

0 -1 1 464 ultralytics.nn.modules.conv.Conv [3, 16, 3, 2]

1 -1 1 4672 ultralytics.nn.modules.conv.Conv [16, 32, 3, 2]

2 -1 1 7360 ultralytics.nn.modules.block.C2f [32, 32, 1, True]

3 -1 1 18560 ultralytics.nn.modules.conv.Conv [32, 64, 3, 2]

4 -1 2 49664 ultralytics.nn.modules.block.C2f [64, 64, 2, True]

5 -1 1 9856 ultralytics.nn.modules.block.SCDown [64, 128, 3, 2]

6 -1 2 197632 ultralytics.nn.modules.block.C2f [128, 128, 2, True]

7 -1 1 36096 ultralytics.nn.modules.block.SCDown [128, 256, 3, 2]

8 -1 1 460288 ultralytics.nn.modules.block.C2f [256, 256, 1, True]

9 -1 1 164608 ultralytics.nn.modules.block.SPPF [256, 256, 5]

10 -1 1 249728 ultralytics.nn.modules.block.PSA [256, 256]

11 -1 1 0 torch.nn.modules.upsampling.Upsample [None, 2, 'nearest']

12 [-1, 6] 1 0 ultralytics.nn.modules.conv.Concat [1]

13 -1 1 148224 ultralytics.nn.modules.block.C2f [384, 128, 1]

14 -1 1 0 torch.nn.modules.upsampling.Upsample [None, 2, 'nearest']

15 [-1, 4] 1 0 ultralytics.nn.modules.conv.Concat [1]

16 -1 1 37248 ultralytics.nn.modules.block.C2f [192, 64, 1]

17 -1 1 36992 ultralytics.nn.modules.conv.Conv [64, 64, 3, 2]

18 [-1, 13] 1 0 ultralytics.nn.modules.conv.Concat [1]

19 -1 1 123648 ultralytics.nn.modules.block.C2f [192, 128, 1]

20 -1 1 18048 ultralytics.nn.modules.block.SCDown [128, 128, 3, 2]

21 [-1, 10] 1 0 ultralytics.nn.modules.conv.Concat [1]

22 -1 1 282624 ultralytics.nn.modules.block.C2fCIB [384, 256, 1, True, True]

23 [16, 19, 22] 1 861718 ultralytics.nn.modules.head.v10Detect [1, [64, 128, 256]]

YOLOv10n summary: 385 layers, 2707430 parameters, 2707414 gradients, 8.4 GFLOPs

Transferred 493/595 items from pretrained weights

TensorBoard: Start with 'tensorboard --logdir runs\train\exp4', view at http://localhost:6006/

Freezing layer 'model.23.dfl.conv.weight'

train: Scanning C:\Fracture.v1i\_Reduced\_Yolov10\trainFractureOJumbo1\labels.cache... 147 images, 0 backgrounds, 0 c

CryptographyDeprecationWarning: Blowfish has been deprecated

albumentations: Blur(p=0.01, blur\_limit=(3, 7)), MedianBlur(p=0.01, blur\_limit=(3, 7)), ToGray(p=0.01), CLAHE(p=0.01, clip\_limit=(1, 4.0), tile\_grid\_size=(8, 8))

val: Scanning C:\Fracture.v1i\_Reduced\_Yolov10\validFractureOJumbo1\labels.cache... 14 images, 0 backgrounds, 0 corr

Plotting labels to runs\train\exp4\labels.jpg...

optimizer: SGD(lr=0.01, momentum=0.937) with parameter groups 95 weight(decay=0.0), 108 weight(decay=0.0005), 107 bias(decay=0.0)

TensorBoard: model graph visualization added ✅

Image sizes 640 train, 640 val

Using 0 dataloader workers

Logging results to runs\train\exp4

Starting training for 200 epochs...

Epoch GPU\_mem box\_loss cls\_loss dfl\_loss Instances Size 1/200 0G 6.148 14.24 4.626 26 608: 80%|████████ | 8/10 [02:01<00:36, 1/200 0G 6.148 14.24 4.626 26 608: 90%|█████████ | 9/10 [02:01<00:17, 1/200 0G 5.904 14.94 4.557 4 928: 90%|█████████ | 9/10 [02:07<00:17, 1/200 0G 5.904 14.94 4.557 4 928: 100%|██████████| 10/10 [02:07<00:00 1/200 0G 5.904 14.94 4.557 4 928: 100%|██████████| 10/10 [02:07<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0 0 0 0

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

2/200 0G 5.109 15.03 4.378 1 448: 100%|██████████| 10/10 [03:25<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0 0 0 0

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

3/200 0G 5.496 10.95 4.34 3 448: 100%|██████████| 10/10 [02:16<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0 0 0 0

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

4/200 0G 4.963 10.05 3.912 4 416: 100%|██████████| 10/10 [02:36<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0 0 0 0

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

5/200 0G 5.105 10.24 3.796 3 800: 100%|██████████| 10/10 [03:16<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0 0 0 0

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

6/200 0G 5.108 9.008 3.984 5 608: 100%|██████████| 10/10 [02:45<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0 0 0 0

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

7/200 0G 4.559 8.805 3.584 7 736: 100%|██████████| 10/10 [03:03<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0 0 0 0

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

8/200 0G 4.404 9.145 3.937 3 960: 100%|██████████| 10/10 [03:51<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0 0 0 0

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

9/200 0G 4.76 9.222 3.826 3 800: 100%|██████████| 10/10 [03:13<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0 0 0 0

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

10/200 0G 4.839 8.393 3.597 5 544: 100%|██████████| 10/10 [01:58<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0 0 0 0

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

11/200 0G 4.967 8.345 3.538 11 672: 100%|██████████| 10/10 [02:43<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0 0 0 0

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

12/200 0G 4.803 8.54 3.35 2 864: 100%|██████████| 10/10 [02:19<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.000541 0.133 0.00888 0.00456

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

13/200 0G 4.744 8.376 3.226 3 832: 100%|██████████| 10/10 [02:55<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.000541 0.133 0.00888 0.00456

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

14/200 0G 4.68 8.373 3.381 4 928: 100%|██████████| 10/10 [02:45<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.0011 0.0667 0.0655 0.0076

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

15/200 0G 4.673 7.604 3.181 5 384: 100%|██████████| 10/10 [03:04<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.248 0.0667 0.0276 0.00621

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

16/200 0G 4.508 7.706 3.251 6 672: 100%|██████████| 10/10 [03:41<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.105 0.0667 0.0125 0.00293

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

17/200 0G 4.688 6.684 3.159 4 384: 100%|██████████| 10/10 [02:03<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.0727 0.133 0.0325 0.012

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

18/200 0G 4.722 7.106 3.134 5 352: 100%|██████████| 10/10 [02:57<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.00073 0.0667 0.000695 0.000209

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

19/200 0G 4.239 6.699 2.956 7 864: 100%|██████████| 10/10 [03:05<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.000408 0.0667 0.000229 9.17e-05

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

20/200 0G 4.474 6.985 3.158 3 320: 100%|██████████| 10/10 [03:40<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.00177 0.2 0.00144 0.000569

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

21/200 0G 4.327 7.19 3.141 4 928: 100%|██████████| 10/10 [04:38<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.207 0.133 0.0604 0.0165

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

22/200 0G 4.335 6.497 3.029 6 512: 100%|██████████| 10/10 [02:31<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.0383 0.173 0.0321 0.00826

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

23/200 0G 4.464 6.456 3.102 3 416: 100%|██████████| 10/10 [02:20<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.117 0.0667 0.0282 0.00813

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

24/200 0G 4.234 6.347 3.026 4 384: 100%|██████████| 10/10 [03:03<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.251 0.133 0.0781 0.0365

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

25/200 0G 4.308 6.505 3.068 9 480: 100%|██████████| 10/10 [03:02<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.0792 0.0667 0.00764 0.00178

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

26/200 0G 4.109 6.427 3.067 5 736: 100%|██████████| 10/10 [41:31<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.926 0.267 0.317 0.1

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

27/200 0G 4.229 6.191 2.984 2 800: 100%|██████████| 10/10 [02:35<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.963 0.133 0.18 0.0548

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

28/200 0G 4.298 5.853 2.795 5 704: 100%|██████████| 10/10 [02:48<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.401 0.133 0.139 0.0517

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

29/200 0G 4.109 5.916 3.032 2 608: 100%|██████████| 10/10 [03:54<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.242 0.2 0.0889 0.043

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

30/200 0G 4.11 5.659 2.838 6 384: 100%|██████████| 10/10 [03:21<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.46 0.267 0.311 0.167

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

31/200 0G 4.105 5.872 3.07 5 448: 100%|██████████| 10/10 [03:58<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.26 0.2 0.235 0.0832

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

32/200 0G 3.794 5.017 2.801 7 640: 100%|██████████| 10/10 [03:15<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.0729 0.133 0.0392 0.0172

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

33/200 0G 3.988 5.194 2.87 3 608: 100%|██████████| 10/10 [02:34<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.0269 0.333 0.0418 0.0166

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

34/200 0G 3.815 5.187 2.827 5 608: 100%|██████████| 10/10 [03:36<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.546 0.0667 0.12 0.0734

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

35/200 0G 3.965 4.996 2.742 7 960: 100%|██████████| 10/10 [02:31<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.015 0.333 0.221 0.0904

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

36/200 0G 3.611 5.433 2.878 1 800: 100%|██████████| 10/10 [03:44<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.492 0.667 0.546 0.304

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

37/200 0G 3.656 4.739 2.781 3 512: 100%|██████████| 10/10 [02:57<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.0694 0.139 0.0432 0.0171

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

38/200 0G 3.887 5.189 3.054 3 960: 100%|██████████| 10/10 [04:10<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.436 0.6 0.422 0.197

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

39/200 0G 3.73 4.65 2.768 3 960: 100%|██████████| 10/10 [02:47<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.673 0.4 0.529 0.225

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

40/200 0G 3.731 4.231 2.802 3 480: 100%|██████████| 10/10 [07:11<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.453 0.499 0.505 0.182

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

41/200 0G 3.502 4.523 2.75 9 576: 100%|██████████| 10/10 [04:21<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.799 0.531 0.618 0.309

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

42/200 0G 4.012 4.568 2.885 7 416: 100%|██████████| 10/10 [02:53<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.208 0.0667 0.0476 0.0179

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

43/200 0G 4.074 4.904 2.768 4 384: 100%|██████████| 10/10 [02:40<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.476 0.267 0.288 0.116

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

44/200 0G 3.675 4.081 2.785 3 384: 100%|██████████| 10/10 [03:38<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.696 0.458 0.5 0.269

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

45/200 0G 3.581 4.209 2.602 2 448: 100%|██████████| 10/10 [02:25<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.233 0.133 0.154 0.0871

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

46/200 0G 3.496 4.042 2.618 4 480: 100%|██████████| 10/10 [02:56<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.681 0.4 0.465 0.273

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

47/200 0G 3.602 4.215 2.775 4 864: 100%|██████████| 10/10 [04:05<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.813 0.467 0.579 0.3

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

48/200 0G 3.714 4.342 2.756 2 640: 100%|██████████| 10/10 [02:57<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.476 0.426 0.382 0.188

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

49/200 0G 3.511 3.733 2.585 6 576: 100%|██████████| 10/10 [02:50<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.579 0.533 0.503 0.256

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

50/200 0G 3.367 3.873 2.712 4 608: 100%|██████████| 10/10 [03:28<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.604 0.667 0.628 0.302

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

51/200 0G 3.507 4.11 3.016 3 928: 100%|██████████| 10/10 [03:40<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.747 0.4 0.483 0.216

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

52/200 0G 3.593 3.763 2.613 6 608: 100%|██████████| 10/10 [02:27<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.596 0.467 0.624 0.349

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

53/200 0G 3.539 3.61 2.574 6 736: 100%|██████████| 10/10 [02:32<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.779 0.533 0.639 0.337

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

54/200 0G 3.752 3.795 2.662 6 896: 100%|██████████| 10/10 [02:45<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.615 0.467 0.538 0.296

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

55/200 0G 3.74 3.696 2.579 6 640: 100%|██████████| 10/10 [02:10<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.724 0.467 0.547 0.309

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

56/200 0G 3.659 3.804 2.583 7 352: 100%|██████████| 10/10 [03:28<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.551 0.656 0.59 0.368

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

57/200 0G 3.459 3.786 2.657 4 864: 100%|██████████| 10/10 [04:06<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.705 0.467 0.508 0.274

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

58/200 0G 3.24 3.397 2.52 5 544: 100%|██████████| 10/10 [21:06<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.628 0.533 0.445 0.25

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

59/200 0G 3.455 3.959 2.735 2 928: 100%|██████████| 10/10 [03:37<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.362 0.533 0.369 0.199

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

60/200 0G 3.508 3.396 2.473 5 576: 100%|██████████| 10/10 [02:11<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.84 0.6 0.691 0.374

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

61/200 0G 3.437 3.606 2.595 9 640: 100%|██████████| 10/10 [03:55<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.762 0.6 0.673 0.378

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

62/200 0G 3.152 3.162 2.432 2 768: 100%|██████████| 10/10 [03:36<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.794 0.467 0.67 0.435

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

63/200 0G 3.019 3.026 2.413 3 544: 100%|██████████| 10/10 [03:03<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.571 0.8 0.701 0.431

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

64/200 0G 3.425 3.264 2.511 4 608: 100%|██████████| 10/10 [02:30<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.765 0.653 0.752 0.447

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

65/200 0G 3.117 3.048 2.426 3 608: 100%|██████████| 10/10 [03:11<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.582 0.6 0.586 0.419

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

66/200 0G 3.296 3.192 2.586 6 384: 100%|██████████| 10/10 [03:55<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.788 0.533 0.675 0.404

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

67/200 0G 3.31 3.313 2.626 4 832: 100%|██████████| 10/10 [03:07<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.825 0.733 0.823 0.516

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

68/200 0G 3.429 3.321 2.422 4 384: 100%|██████████| 10/10 [02:35<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.865 0.6 0.68 0.42

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

69/200 0G 3.54 3.625 2.716 6 320: 100%|██████████| 10/10 [04:04<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.663 0.467 0.546 0.301

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

70/200 0G 3.155 2.961 2.507 3 832: 100%|██████████| 10/10 [03:22<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.615 0.532 0.598 0.336

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

71/200 0G 3.346 3.166 2.497 7 832: 100%|██████████| 10/10 [02:40<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.518 0.733 0.652 0.342

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

72/200 0G 3.052 2.889 2.395 3 320: 100%|██████████| 10/10 [03:47<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.799 0.796 0.806 0.507

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

73/200 0G 3.252 3.084 2.342 5 416: 100%|██████████| 10/10 [02:47<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.727 0.8 0.786 0.494

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

74/200 0G 3.478 3.295 2.584 6 704: 100%|██████████| 10/10 [02:22<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.9 0.598 0.674 0.425

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

75/200 0G 3.19 3.058 2.578 2 864: 100%|██████████| 10/10 [02:53<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.868 0.533 0.677 0.39

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

76/200 0G 3.372 3.405 2.531 3 800: 100%|██████████| 10/10 [02:28<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.907 0.649 0.783 0.45

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

77/200 0G 3.049 2.997 2.452 2 704: 100%|██████████| 10/10 [8:26:11<00

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.714 0.667 0.646 0.377

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

78/200 0G 3.235 2.874 2.453 5 352: 100%|██████████| 10/10 [03:38<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.789 0.6 0.731 0.426

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

79/200 0G 3.346 3.091 2.522 5 608: 100%|██████████| 10/10 [03:55<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.848 0.6 0.714 0.418

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

80/200 0G 3.134 3.084 2.503 4 544: 100%|██████████| 10/10 [03:31<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 1 0.32 0.428 0.174

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

81/200 0G 3.308 3.645 2.562 2 928: 100%|██████████| 10/10 [03:02<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.83 0.65 0.775 0.466

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

82/200 0G 3.133 2.977 2.484 6 704: 100%|██████████| 10/10 [03:46<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.74 0.533 0.667 0.386

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

83/200 0G 3.034 2.762 2.26 5 480: 100%|██████████| 10/10 [02:28<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.682 0.8 0.741 0.463

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

84/200 0G 3.062 2.896 2.394 6 640: 100%|██████████| 10/10 [03:07<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.983 0.6 0.811 0.462

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

85/200 0G 2.91 2.616 2.381 3 544: 100%|██████████| 10/10 [3:16:45<00

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.552 0.467 0.523 0.313

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

86/200 0G 3.181 3.018 2.477 3 928: 100%|██████████| 10/10 [02:41<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.487 0.267 0.265 0.138

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

87/200 0G 3.275 2.956 2.349 7 640: 100%|██████████| 10/10 [02:07<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.488 0.267 0.229 0.119

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

88/200 0G 3.076 2.866 2.467 3 928: 100%|██████████| 10/10 [03:28<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.898 0.586 0.784 0.495

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

89/200 0G 3.147 2.787 2.4 6 416: 100%|██████████| 10/10 [03:22<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.651 0.745 0.74 0.478

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

90/200 0G 3.128 2.895 2.348 4 512: 100%|██████████| 10/10 [02:50<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.716 0.6 0.773 0.45

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

91/200 0G 2.866 2.726 2.468 5 800: 100%|██████████| 10/10 [03:36<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.729 0.539 0.65 0.365

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

92/200 0G 2.928 3.034 2.381 4 896: 100%|██████████| 10/10 [16:11<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.814 0.733 0.758 0.516

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

93/200 0G 3.331 2.893 2.382 5 352: 100%|██████████| 10/10 [02:26<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.806 0.733 0.742 0.468

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

94/200 0G 2.986 2.679 2.482 6 512: 100%|██████████| 10/10 [03:18<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.843 0.716 0.761 0.516

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

95/200 0G 3.103 2.627 2.404 1 448: 100%|██████████| 10/10 [03:40<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.987 0.533 0.718 0.484

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

96/200 0G 3.025 2.647 2.416 7 672: 100%|██████████| 10/10 [03:20<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.807 0.6 0.748 0.477

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

97/200 0G 2.823 2.746 2.325 1 576: 100%|██████████| 10/10 [03:41<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.897 0.581 0.764 0.505

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

98/200 0G 3.095 3.025 2.532 3 960: 100%|██████████| 10/10 [03:51<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.975 0.867 0.896 0.519

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

99/200 0G 3.044 2.775 2.391 5 608: 100%|██████████| 10/10 [03:26<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.876 0.867 0.892 0.549

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

100/200 0G 3.1 2.702 2.344 5 448: 100%|██████████| 10/10 [03:06<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.657 0.893 0.829 0.521

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

101/200 0G 2.879 2.485 2.297 8 800: 100%|██████████| 10/10 [03:06<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.784 0.725 0.779 0.456

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

102/200 0G 3.13 2.851 2.452 4 352: 100%|██████████| 10/10 [04:27<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.71 0.733 0.697 0.364

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

103/200 0G 2.764 2.394 2.319 3 480: 100%|██████████| 10/10 [03:37<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 1 0.716 0.835 0.536

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

104/200 0G 2.955 2.267 2.428 3 384: 100%|██████████| 10/10 [03:25<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.809 0.6 0.754 0.45

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

105/200 0G 3.201 2.553 2.374 3 832: 100%|██████████| 10/10 [02:43<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.91 0.8 0.863 0.523

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

106/200 0G 2.902 2.234 2.357 5 768: 100%|██████████| 10/10 [03:37<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.85 0.6 0.74 0.373

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

107/200 0G 2.862 2.357 2.211 5 352: 100%|██████████| 10/10 [02:44<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.799 0.795 0.857 0.524

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

108/200 0G 2.752 2.022 2.267 2 480: 100%|██████████| 10/10 [03:13<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.711 0.822 0.805 0.467

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

109/200 0G 2.917 2.363 2.322 2 384: 100%|██████████| 10/10 [03:17<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.845 0.667 0.879 0.516

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

110/200 0G 2.871 2.472 2.472 4 832: 100%|██████████| 10/10 [04:09<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.811 0.861 0.876 0.607

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

111/200 0G 2.964 2.266 2.265 3 672: 100%|██████████| 10/10 [02:53<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.952 0.733 0.875 0.571

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

112/200 0G 3.036 2.434 2.263 7 512: 100%|██████████| 10/10 [01:30<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [0

all 14 15 0.743 0.667 0.732 0.416

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

113/200 0G 3.056 2.535 2.206 4 480: 100%|██████████| 10/10 [02:03<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.799 0.667 0.833 0.479

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

114/200 0G 2.855 2.688 2.454 2 352: 100%|██████████| 10/10 [03:41<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.926 0.841 0.9 0.58

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

115/200 0G 3.198 2.497 2.366 7 608: 100%|██████████| 10/10 [02:45<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.798 0.791 0.883 0.525

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

116/200 0G 2.637 2.335 2.266 3 608: 100%|██████████| 10/10 [03:15<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.976 0.867 0.935 0.609

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

117/200 0G 2.844 2.297 2.313 3 608: 100%|██████████| 10/10 [02:48<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.908 0.733 0.848 0.551

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

118/200 0G 2.641 2.09 2.129 3 480: 100%|██████████| 10/10 [02:30<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.735 0.933 0.852 0.535

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

119/200 0G 2.881 2.236 2.306 5 512: 100%|██████████| 10/10 [03:14<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.773 0.733 0.81 0.486

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

120/200 0G 2.747 2.373 2.257 1 608: 100%|██████████| 10/10 [02:46<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.719 0.855 0.793 0.527

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

121/200 0G 2.854 2.368 2.381 4 864: 100%|██████████| 10/10 [03:26<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.796 0.779 0.826 0.551

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

122/200 0G 2.688 2.143 2.384 3 736: 100%|██████████| 10/10 [03:21<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.859 0.867 0.862 0.563

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

123/200 0G 2.502 2.003 2.252 6 608: 100%|██████████| 10/10 [03:47<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.926 0.836 0.86 0.512

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

124/200 0G 2.744 2.138 2.283 4 832: 100%|██████████| 10/10 [03:25<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.917 0.8 0.906 0.619

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

125/200 0G 2.915 2.228 2.264 5 544: 100%|██████████| 10/10 [02:55<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.932 0.91 0.917 0.609

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

126/200 0G 2.782 2.257 2.171 4 608: 100%|██████████| 10/10 [02:30<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.922 0.79 0.841 0.494

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

127/200 0G 2.773 2.192 2.307 4 608: 100%|██████████| 10/10 [03:22<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.964 0.6 0.774 0.471

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

128/200 0G 2.625 1.938 2.266 4 640: 100%|██████████| 10/10 [03:28<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.915 0.716 0.865 0.492

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

129/200 0G 2.658 2.097 2.326 3 640: 100%|██████████| 10/10 [14:14<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.874 0.927 0.922 0.589

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

130/200 0G 2.879 2.232 2.243 9 384: 100%|██████████| 10/10 [02:54<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.867 0.873 0.927 0.604

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

131/200 0G 2.65 2.213 2.159 2 352: 100%|██████████| 10/10 [02:18<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.927 0.867 0.923 0.585

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

132/200 0G 2.629 2.226 2.296 3 416: 100%|██████████| 10/10 [04:01<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.91 0.933 0.932 0.585

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

133/200 0G 2.638 2.029 2.228 3 448: 100%|██████████| 10/10 [03:40<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.865 0.854 0.902 0.542

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

134/200 0G 2.433 1.718 2.096 8 896: 100%|██████████| 10/10 [02:58<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.857 0.802 0.863 0.538

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

135/200 0G 2.818 2.2 2.218 4 384: 100%|██████████| 10/10 [02:37<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 1 0.73 0.879 0.57

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

136/200 0G 2.512 2.01 2.213 6 928: 100%|██████████| 10/10 [04:21<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.933 0.926 0.923 0.586

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

137/200 0G 2.549 1.966 2.106 6 672: 100%|██████████| 10/10 [03:17<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 1 0.797 0.929 0.547

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

138/200 0G 2.683 2.032 2.186 5 448: 100%|██████████| 10/10 [03:11<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.928 0.855 0.919 0.551

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

139/200 0G 2.701 2.138 2.277 4 384: 100%|██████████| 10/10 [03:22<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 1 0.844 0.923 0.592

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

140/200 0G 2.651 2.192 2.239 3 864: 100%|██████████| 10/10 [03:31<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.984 0.867 0.938 0.642

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

141/200 0G 2.749 2.07 2.216 6 576: 100%|██████████| 10/10 [02:05<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.933 0.925 0.932 0.618

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

142/200 0G 2.722 1.97 2.176 3 320: 100%|██████████| 10/10 [02:42<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.807 0.835 0.87 0.571

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

143/200 0G 2.643 2.131 2.298 5 768: 100%|██████████| 10/10 [03:50<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.924 0.812 0.908 0.609

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

144/200 0G 2.515 1.884 2.17 6 736: 100%|██████████| 10/10 [1:59:30<00:0

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.918 0.751 0.908 0.602

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

145/200 0G 2.741 2.02 2.283 5 384: 100%|██████████| 10/10 [04:01<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.919 0.933 0.932 0.608

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

146/200 0G 2.27 1.678 2.159 8 608: 100%|██████████| 10/10 [04:20<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.907 0.8 0.892 0.539

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

147/200 0G 2.519 1.799 2.179 4 576: 100%|██████████| 10/10 [03:35<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.923 0.933 0.935 0.587

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

148/200 0G 2.71 1.83 2.183 6 960: 100%|██████████| 10/10 [01:59<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.928 0.867 0.926 0.572

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

149/200 0G 2.376 1.882 2.201 5 736: 100%|██████████| 10/10 [04:09<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.993 0.867 0.932 0.546

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

150/200 0G 2.587 1.927 2.189 5 576: 100%|██████████| 10/10 [03:14<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 1 0.916 0.941 0.57

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

151/200 0G 2.585 1.998 2.168 2 544: 100%|██████████| 10/10 [02:12<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.932 0.919 0.937 0.57

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

152/200 0G 2.713 1.887 2.174 4 960: 100%|██████████| 10/10 [01:58<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.93 0.881 0.934 0.591

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

153/200 0G 2.543 1.891 2.213 3 384: 100%|██████████| 10/10 [03:03<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.988 0.933 0.942 0.616

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

154/200 0G 2.466 1.981 2.103 3 384: 100%|██████████| 10/10 [03:24<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.92 0.933 0.932 0.588

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

155/200 0G 2.502 1.827 2.194 6 864: 100%|██████████| 10/10 [03:06<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.927 0.933 0.937 0.524

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

156/200 0G 2.544 2.134 2.227 2 928: 100%|██████████| 10/10 [03:15<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.921 0.867 0.931 0.568

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

157/200 0G 2.576 1.989 2.107 4 672: 100%|██████████| 10/10 [02:42<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 1 0.926 0.944 0.62

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

158/200 0G 2.412 1.851 2.105 4 640: 100%|██████████| 10/10 [33:35<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.928 0.867 0.902 0.532

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

159/200 0G 2.566 1.892 2.174 4 384: 100%|██████████| 10/10 [03:56<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.815 0.933 0.913 0.575

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

160/200 0G 2.389 1.861 2.177 6 512: 100%|██████████| 10/10 [04:11<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [05:

all 14 15 0.919 0.8 0.89 0.546

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

161/200 0G 2.506 1.88 2.116 3 672: 100%|██████████| 10/10 [02:49<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.906 0.8 0.875 0.546

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

162/200 0G 2.617 1.904 2.105 4 320: 100%|██████████| 10/10 [02:43<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 1 0.927 0.942 0.586

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

163/200 0G 2.46 1.869 2.157 5 576: 100%|██████████| 10/10 [03:49<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 1 0.856 0.92 0.587

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

164/200 0G 2.25 1.689 2.086 1 864: 100%|██████████| 10/10 [04:38<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.91 0.867 0.919 0.65

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

165/200 0G 2.413 2.109 2.207 2 384: 100%|██████████| 10/10 [03:37<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 1 0.915 0.943 0.648

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

166/200 0G 2.477 1.96 2.106 4 928: 100%|██████████| 10/10 [03:01<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.979 0.867 0.937 0.626

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

167/200 0G 2.411 1.674 2.111 3 736: 100%|██████████| 10/10 [03:47<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.931 0.898 0.931 0.599

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

168/200 0G 2.475 1.821 2.24 6 928: 100%|██████████| 10/10 [03:48<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.922 0.867 0.917 0.599

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

169/200 0G 2.366 1.631 2.107 7 928: 100%|██████████| 10/10 [32:55<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.872 0.933 0.93 0.645

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

170/200 0G 2.326 1.74 2.05 3 832: 100%|██████████| 10/10 [02:32<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.917 0.933 0.934 0.646

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

171/200 0G 2.384 1.822 2.141 5 608: 100%|██████████| 10/10 [03:24<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.818 0.903 0.907 0.622

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

172/200 0G 2.487 1.999 2.121 4 320: 100%|██████████| 10/10 [03:18<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.857 0.933 0.93 0.63

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

173/200 0G 2.451 1.837 2.123 4 512: 100%|██████████| 10/10 [03:34<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.919 0.933 0.938 0.669

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

174/200 0G 2.304 1.806 2.204 4 672: 100%|██████████| 10/10 [04:36<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.928 0.861 0.925 0.643

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

175/200 0G 2.141 1.591 2.149 4 736: 100%|██████████| 10/10 [04:17<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.815 0.933 0.913 0.643

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

176/200 0G 2.382 1.798 2.106 7 704: 100%|██████████| 10/10 [03:19<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.866 0.862 0.9 0.599

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

177/200 0G 2.439 1.991 2.13 7 480: 100%|██████████| 10/10 [03:37<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.91 0.933 0.926 0.615

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

178/200 0G 2.465 1.745 2.201 4 768: 100%|██████████| 10/10 [03:36<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.992 0.867 0.937 0.624

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

179/200 0G 2.183 1.631 1.973 3 544: 100%|██████████| 10/10 [47:44<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.958 0.867 0.94 0.636

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

180/200 0G 2.527 1.728 2.037 5 352: 100%|██████████| 10/10 [02:29<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.873 0.918 0.922 0.61

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

181/200 0G 2.332 1.63 2.044 6 352: 100%|██████████| 10/10 [02:34<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.892 0.933 0.935 0.635

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

182/200 0G 2.354 1.76 2.09 5 736: 100%|██████████| 10/10 [02:50<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.958 0.933 0.944 0.672

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

183/200 0G 2.17 1.519 2.057 8 544: 100%|██████████| 10/10 [03:28<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.89 0.867 0.932 0.63

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

184/200 0G 2.221 1.609 2.101 4 544: 100%|██████████| 10/10 [04:03<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 1 0.857 0.941 0.659

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

185/200 0G 2.174 1.597 2.056 5 704: 100%|██████████| 10/10 [03:15<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.973 0.933 0.947 0.661

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

186/200 0G 2.288 1.68 2.072 2 704: 100%|██████████| 10/10 [03:50<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.99 0.867 0.943 0.674

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

187/200 0G 2.419 1.82 2.111 4 512: 100%|██████████| 10/10 [02:32<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.907 0.933 0.938 0.679

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

188/200 0G 2.273 1.657 2.093 7 480: 100%|██████████| 10/10 [03:47<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.932 0.914 0.938 0.64

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

189/200 0G 2.392 1.753 2.086 2 416: 100%|██████████| 10/10 [04:13<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.933 0.922 0.938 0.627

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

190/200 0G 2.482 1.847 2.132 2 480: 100%|██████████| 10/10 [03:53<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.927 0.848 0.924 0.617

Closing dataloader mosaic

albumentations: Blur(p=0.01, blur\_limit=(3, 7)), MedianBlur(p=0.01, blur\_limit=(3, 7)), ToGray(p=0.01), CLAHE(p=0.01, clip\_limit=(1, 4.0), tile\_grid\_size=(8, 8))

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

191/200 0G 2.168 1.548 2.036 3 960: 100%|██████████| 10/10 [02:25<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.979 0.867 0.931 0.644

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

192/200 0G 2.059 1.442 2.087 3 960: 100%|██████████| 10/10 [04:00<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.927 0.933 0.939 0.65

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

193/200 0G 2.21 1.474 2.081 3 480: 100%|██████████| 10/10 [03:27<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.992 0.933 0.942 0.648

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

194/200 0G 2.017 1.353 2.035 3 928: 100%|██████████| 10/10 [03:01<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.9 0.933 0.932 0.636

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

195/200 0G 1.78 1.24 1.888 3 576: 100%|██████████| 10/10 [03:18<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.984 0.8 0.924 0.628

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

196/200 0G 2.04 1.387 1.963 3 416: 100%|██████████| 10/10 [03:00<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.875 0.931 0.925 0.656

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

197/200 0G 2.071 1.525 1.944 3 320: 100%|██████████| 10/10 [03:00<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.931 0.907 0.935 0.672

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

198/200 0G 2.024 1.25 1.903 3 384: 100%|██████████| 10/10 [03:21<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.932 0.916 0.931 0.724

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

199/200 0G 1.993 1.197 1.909 4 544: 100%|██████████| 10/10 [02:16<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.912 0.933 0.931 0.715

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

200/200 0G 2.025 1.264 1.931 3 320: 100%|██████████| 10/10 [02:13<00:00,

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.924 0.933 0.935 0.677

200 epochs completed in 27.825 hours.

Optimizer stripped from runs\train\exp4\weights\last.pt, 5.7MB

Optimizer stripped from runs\train\exp4\weights\best.pt, 5.7MB

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

Ultralytics YOLOv8.2.52 🚀 Python-3.9.16 torch-1.13.1+cpu CPU (11th Gen Intel Core(TM) i5-1155G7 2.50GHz)

YOLOv10n summary (fused): 285 layers, 2694806 parameters, 0 gradients, 8.2 GFLOPs

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 1/1 [00:

all 14 15 0.932 0.916 0.931 0.724

Speed: 2.2ms preprocess, 270.0ms inference, 0.0ms loss, 0.0ms postprocess per image

Results saved to runs\train\exp4

(alfonso1) c:\Fracture.v1i\_Reduced\_Yolov10>