YOLOV10n RESULTS:

Ultralytics 8.3.115 Python-3.11.9 torch-2.6.0+cu118 CUDA:0 (NVIDIA GeForce RTX 3060 Laptop GPU, 6144MiB)

YOLOv10n summary (fused): 102 layers, 2,266,143 parameters, 0 gradients, 6.5 GFLOPs

[34m[1mval: [0mFast image access (ping: 0.40.7 ms, read: 191.340.2 MB/s, size: 387.3 KB)

[34m[1mval: [0mScanning C:\Users\Casper\Desktop\Bitirme\_2\_Rapor\_Uygulama\_Yolo\_traffic\_sign\_detection\datasets\CARLA\_Object\_Detection\_Dataset\carla-object-detection-dataset\labels\val.cache... 100 images, 0 backgrounds, 0 corrupt: 100%|██████████| 100/100 [00:00<?, ?it/s]

Class Images Instances Box(P R mAP50 mAP50-95): 100%|██████████| 7/7 [00:36<00:00, 5.18s/it]

all 100 384 0.672 0.686 0.719 0.497

Vehicle 88 181 0.785 0.867 0.908 0.699

Bike 16 16 0.647 0.686 0.769 0.531

Motorbike 26 26 0.591 0.722 0.64 0.391

Traffic Light 71 145 0.735 0.593 0.673 0.461

Traffic Sign 12 16 0.603 0.562 0.607 0.403

Speed: 1.2ms preprocess, 5.5ms inference, 0.0ms loss, 1.5ms postprocess per image

Results saved to runs\detect\val3

precision(B): 0.6720784176193977

metrics/recall(B): 0.6860858770281274

metrics/mAP50(B): 0.719477314419929

metrics/mAP50-95(B): 0.4970369305839551