YOLO11n RESULTS:

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

YOLO11n summary (fused): 100 layers, 2,583,127 parameters, 0 gradients, 6.3 GFLOPs

[34m[1mval: [0mFast image access (ping: 0.10.0 ms, read: 1370.4505.1 MB/s, size: 362.5 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 [00:11<00:00, 1.58s/it]

all 100 384 0.77 0.828 0.821 0.549

Vehicle 88 181 0.821 0.917 0.949 0.719

Bike 16 16 0.745 0.912 0.916 0.596

Motorbike 26 26 0.78 0.953 0.851 0.55

Traffic Light 71 145 0.796 0.669 0.752 0.473

Traffic Sign 12 16 0.708 0.688 0.635 0.408

Speed: 1.3ms preprocess, 4.9ms inference, 0.0ms loss, 5.3ms postprocess per image

Results saved to runs\detect\val4

precision(B): 0.7700675594524997

metrics/recall(B): 0.8278800989148646

metrics/mAP50(B): 0.820522143138753

metrics/mAP50-95(B): 0.5491929781515956