MTL Training: Multi-Task Loss Evolution (Simulated)* **Total Multi-Task Loss Detection Task Loss** 5.5 Total Loss **Detection Loss** 5.0 3.0 4.5 2.5 4.0 3.5 SSO 7 2.0 3.0 2.5 1.5 2.0 1.0 1.5 0 5 10 15 20 25 30 0 5 10 15 20 25 30 Epoch Epoch **Segmentation Task Loss Depth Estimation Task Loss** 1.6 Segmentation Loss Depth Loss 1.0 1.4 0.8 1.2 0.6 S 1.0 0.8 0.4 0.6 0.4 0.2 10 15 30 5 10 15 20 25 30 0 5 20 25 0 Epoch Epoch

*Replace with actual training curves after MTL training completes