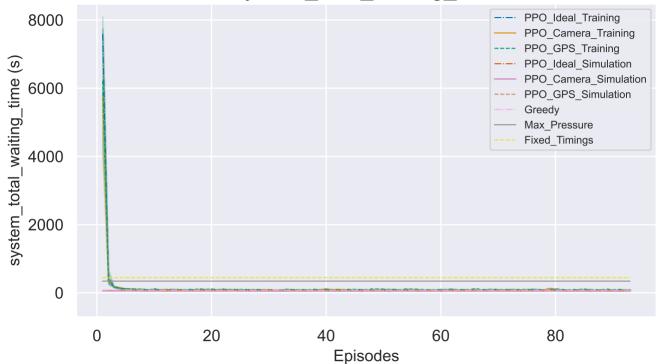
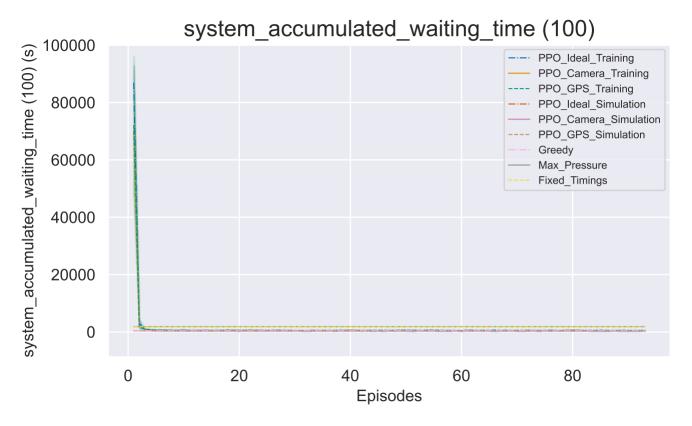
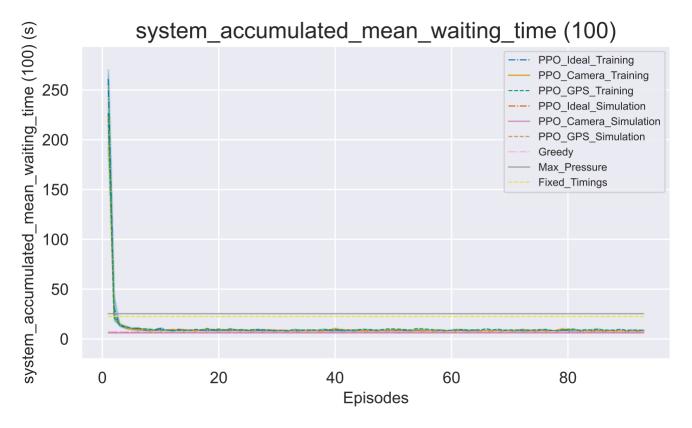
system_total_waiting_time

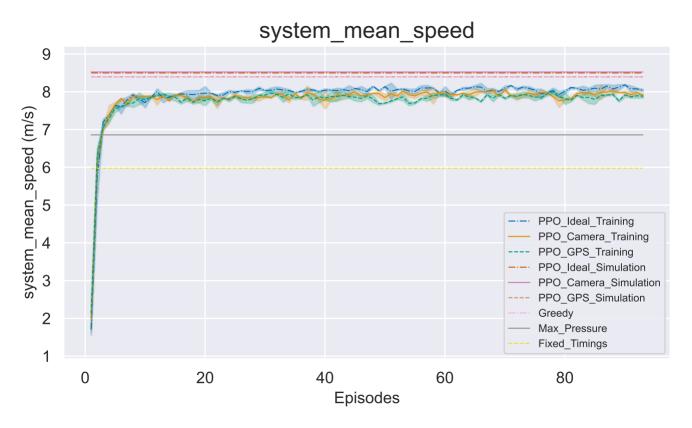


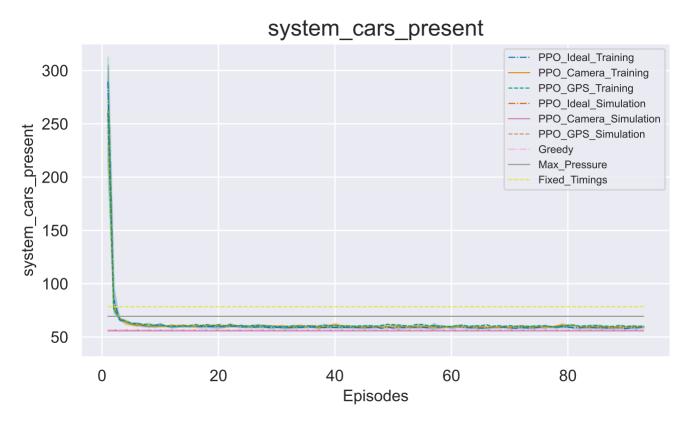


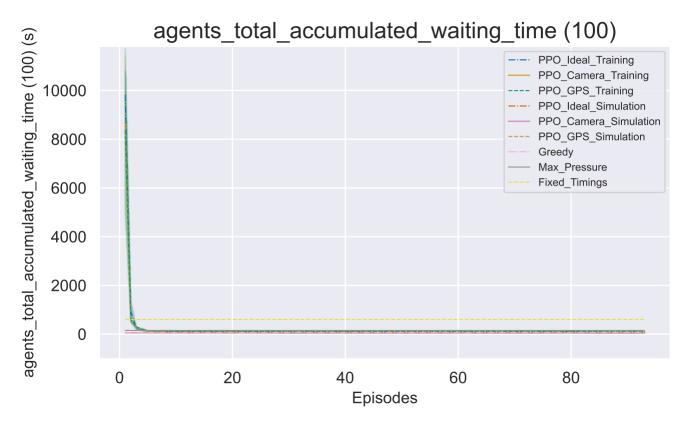
system_total_stopped --- PPO Ideal Training system_total_stopped (stopped vehicles) PPO Camera Training 200 PPO GPS Training --- PPO Ideal Simulation PPO Camera Simulation PPO GPS Simulation 150 Greedy Max Pressure Fixed Timings 100 50 0 20 40 60 80 0 **Episodes**

system_mean_waiting_time --- PPO Ideal Training 25 PPO Camera Training PPO GPS Training system_mean_waiting_time (s) --- PPO Ideal Simulation PPO Camera_Simulation PPO GPS Simulation Greedy Max Pressure Fixed Timings 10 5 0 20 40 60 80 **Episodes**



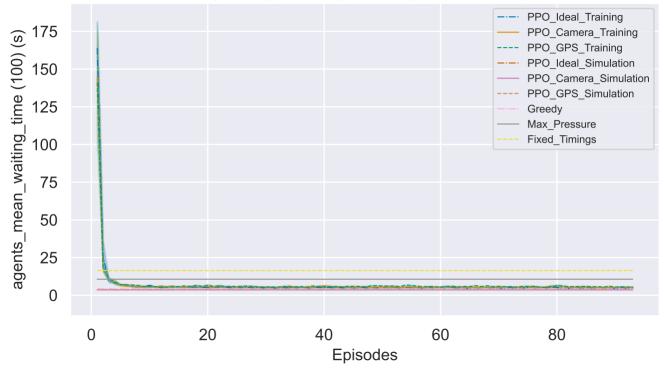






agents_total_stopped --- PPO Ideal Training agents_total_stopped (stopped vehicles) PPO Camera Training PPO GPS Training --- PPO Ideal Simulation PPO Camera Simulation PPO GPS Simulation Greedy Max Pressure Fixed Timings 20 40 60 80 **Episodes**

agents_mean_waiting_time (100)



agents_mean_speed agents_mean_speed (m/s) --- PPO_ldeal_Training — PPO_Camera_Training PPO_GPS_Training --- PPO_Ideal_Simulation — PPO_Camera_Simulation ---- PPO GPS Simulation Greedy Max Pressure Fixed_Timings 20 80 60 **Episodes**

agents cars present --- PPO Ideal Training PPO Camera Training 60 PPO_GPS_Training --- PPO Ideal Simulation PPO_Camera_Simulation agents_cars_present ---- PPO GPS Simulation Greedy Max Pressure Fixed Timings 20 10 20 40 80 60 **Episodes**