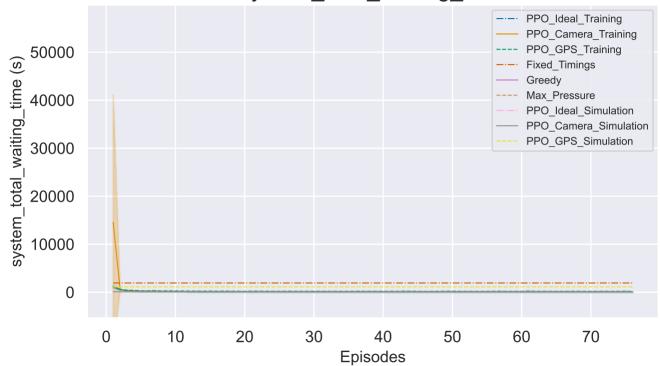
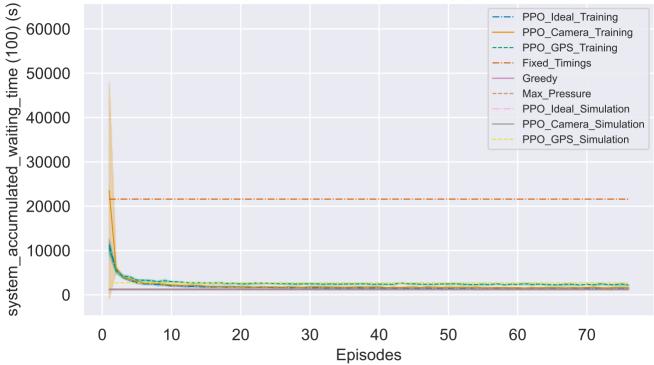
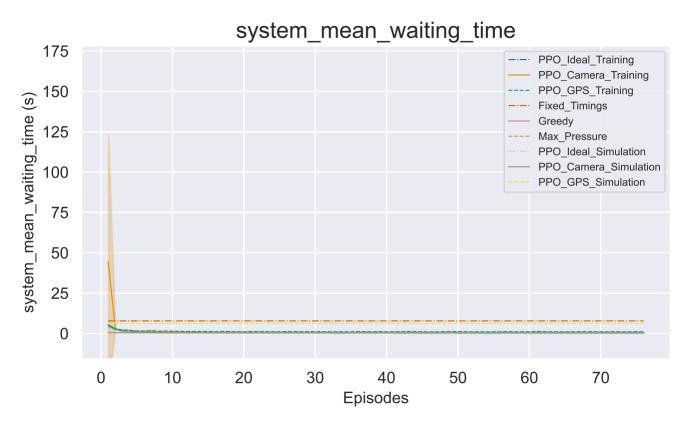
system_total_waiting_time

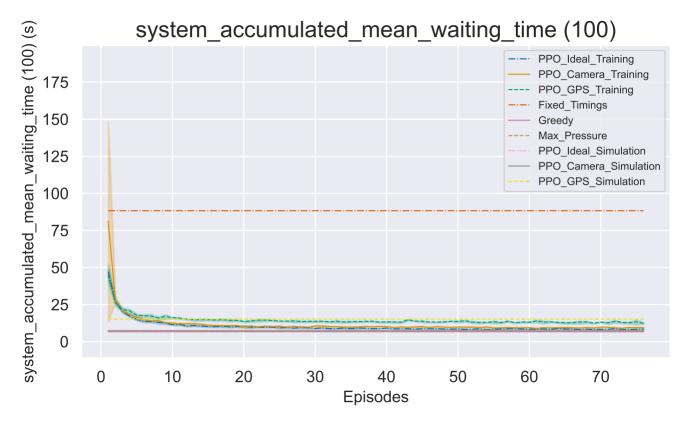


system_accumulated_waiting_time (100)



system_total_stopped PPO Ideal Training system_total_stopped (stopped vehicles) PPO Camera Training 120 PPO GPS Training **Fixed Timings** Greedy 100 Max Pressure PPO Ideal Simulation PPO_Camera_Simulation 80 PPO GPS Simulation 60 40 20 0 10 20 30 70 40 50 60 **Episodes**

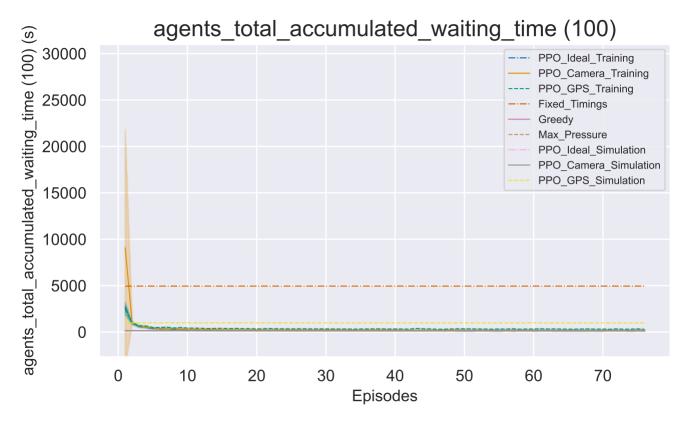




system_mean_speed system_mean_speed (m/s) PPO_Ideal_Training PPO_Camera_Training PPO GPS Training **Fixed Timings** Greedy Max Pressure PPO Ideal Simulation 6 PPO_Camera_Simulation PPO_GPS_Simulation 10 20 30 40 50 60 70 **Episodes**

system cars present --- PPO Ideal Training 300 PPO Camera Training PPO_GPS_Training Fixed Timings 280 Greedy Max Pressure PPO Ideal Simulation PPO Camera_Simulation PPO GPS_Simulation 180 160 10 20 30 40 70 0 50 60

Episodes



agents_total_stopped --- PPO Ideal Training agents_total_stopped (stopped vehicles) PPO_Camera_Training PPO GPS Training --- Fixed Timings Greedy Max Pressure PPO Ideal Simulation PPO_Camera_Simulation PPO GPS Simulation

30

40

Episodes

50

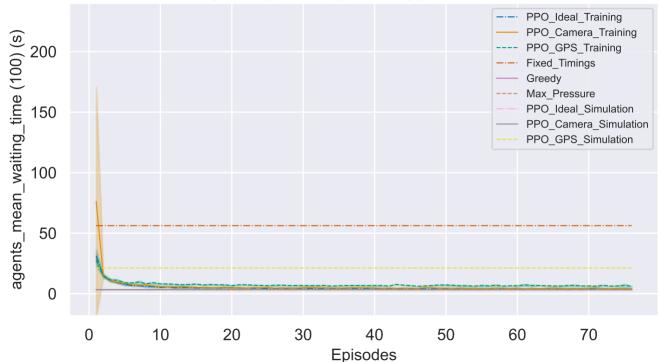
60

70

10

20

agents_mean_waiting_time (100)





agents_cars_present --- PPO Ideal Training 120 PPO Camera Training PPO GPS Training --- Fixed Timings Greedy 100 agents_cars_present Max Pressure PPO Ideal Simulation PPO Camera Simulation PPO GPS_Simulation 80 60 40 10 20 30 40 50 70 60 **Episodes**