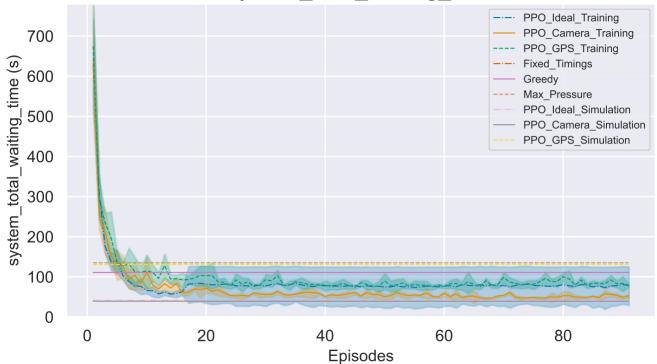
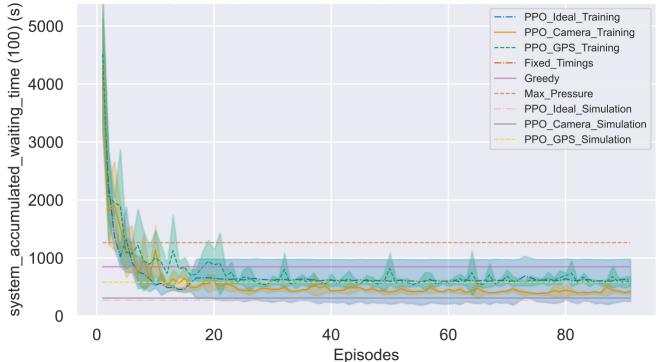
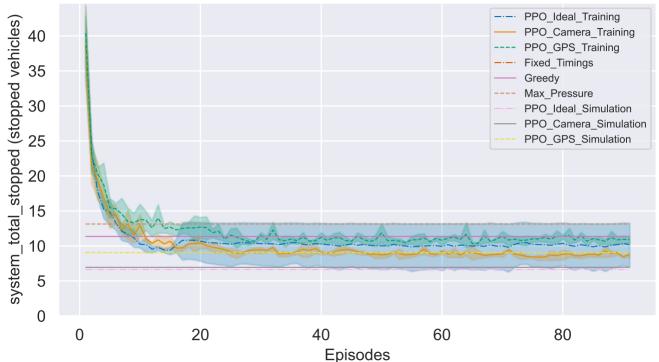
system\_total\_waiting\_time



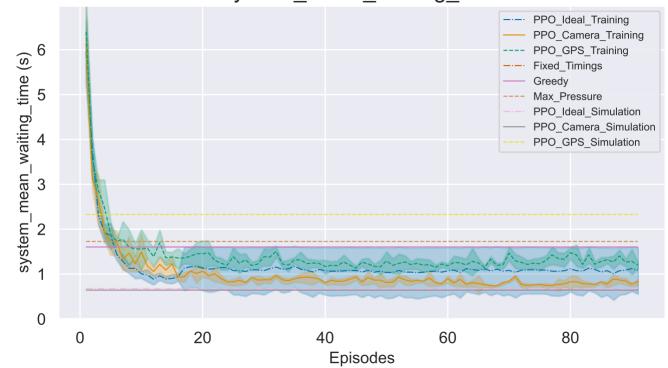
system\_accumulated\_waiting\_time (100)

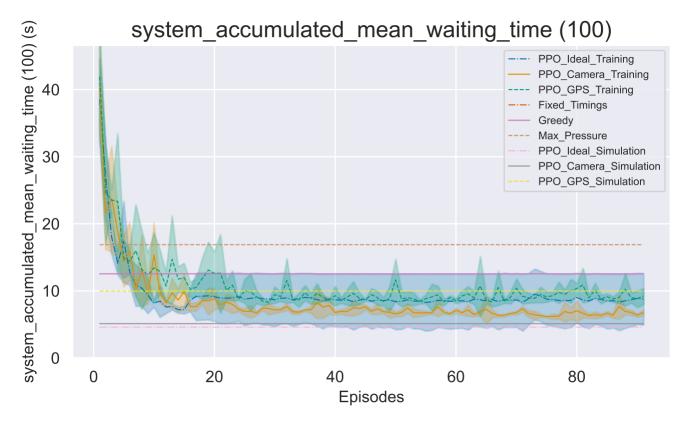


system\_total\_stopped

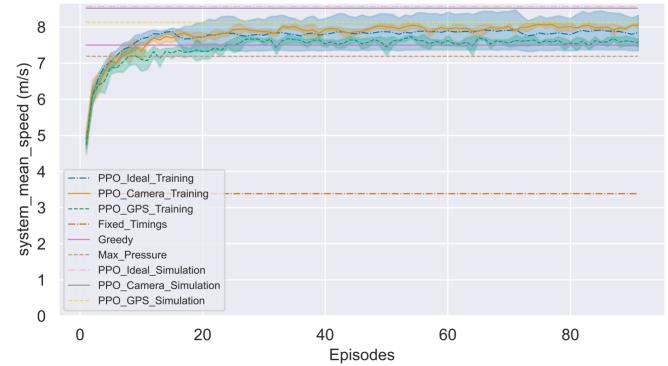


system\_mean\_waiting\_time

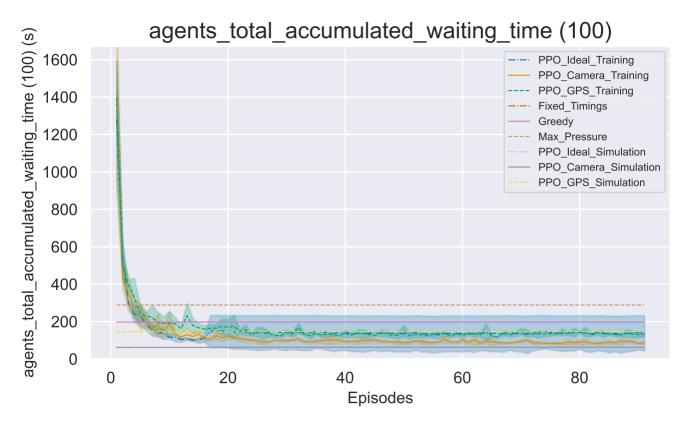




system\_mean\_speed

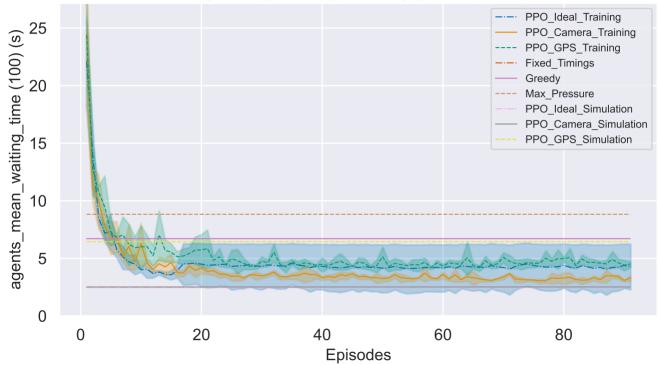


system\_cars\_present 100 80 system\_cars\_present 60 PPO\_Ideal\_Training PPO\_Camera\_Training 40 PPO GPS Training Fixed Timings Greedy Max Pressure 20 PPO Ideal Simulation PPO\_Camera\_Simulation PPO\_GPS\_Simulation 0 20 40 60 80 **Episodes** 



agents\_total\_stopped PPO Ideal Training agents\_total\_stopped (stopped vehicles) 30 PPO\_Camera\_Training PPO GPS Training Fixed Timings Greedy Max Pressure PPO Ideal Simulation PPO\_Camera\_Simulation PPO GPS Simulation 5 20 40 60 80 0 **Episodes** 

agents\_mean\_waiting\_time (100)





agents\_cars\_present --- PPO Ideal Training PPO\_Camera\_Training 50 PPO GPS Training Fixed Timings Greedy agents\_cars\_present Max Pressure 40 PPO Ideal Simulation PPO\_Camera\_Simulation PPO GPS Simulation 30 20 10 20 40 60 80 **Episodes**