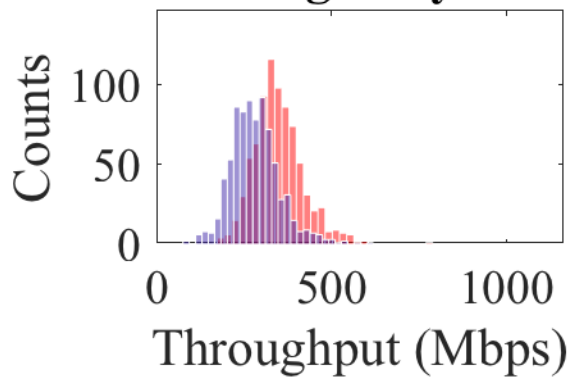
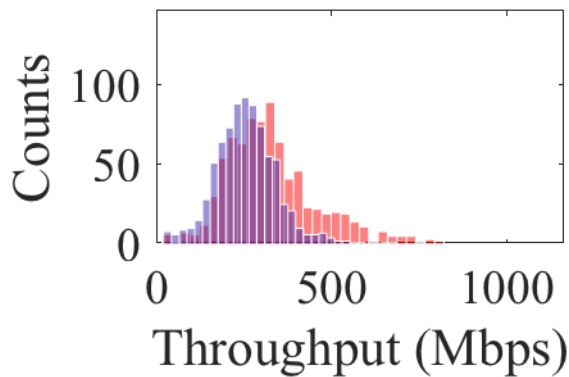
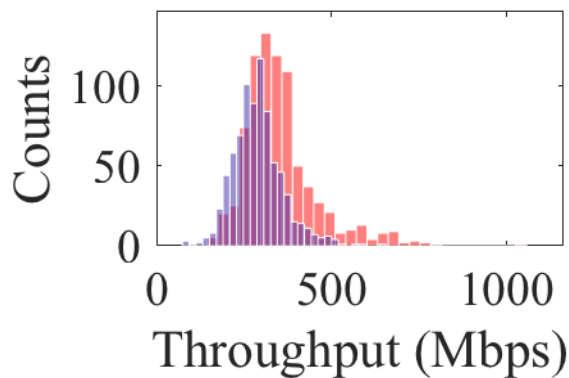


**$\epsilon$ -greedy****EXP3****UCB****Thompson s.**