|  |  |  |  |
| --- | --- | --- | --- |
| Num agents | MADDPG converged? | PPO converged? | Observations |
| 4 | Y – 500 eps | N | F |
| 9 | Y – 500 eps | N | F |
| 16 | Y- 1000 eps | N | F |
| 25 | Y – 3000 eps | Pause – tested 1000 | F |
| 4 | Y – 500 eps | N | P |
| 9 | Y – 3000 eps | N | P |
| 16 | Y – 500 eps | Y? – 5000 eps | P |
| 25 | Y – 3000 eps | Pause – tested 1000 | P |

PPO still no (I think) after 10000 eps for 4, 9, 16 agents at full and partial obs

49 and 100 agents only tested for 500 eps on both, missing part-obs 100 agents 500 eps MADDPG

PPO tested on all tabled agent numbers for up to 10k eps, 49 and 100 agents tested up to 3k eps – clearer convergence beginning to be seen on higher agent numbers

MADDPG converged on all tabled agent numbers, tested on 49 and 100 agents, 1k eps only done for 49 agents on full obs so far, all others only on 500 eps.