

Table 1: Evacuation Progress Analysis in Scenario without Obstacles (300 Agents)

Methods	Time (s)					
	0	10	20	30	40	50
Proposed Method	300	245	180	120	75	0
Baseline	300	270	220	175	130	95
MADDPG	300	280	245	200	165	140

Table 2: Evacuation Progress Analysis in Scenario with Obstacles (300 Agents)

Methods	Time (s)					
	0	10	20	30	40	50
Proposed Method	300	255	200	150	40	0
Baseline	300	280	245	200	160	125
MADDPG	300	285	260	225	195	160