

September 18th, 2019

Attendees

- Umberto, Mert, Antti K., Fabio, Lukas, Sami

Goals

- longer update from Antti K.

Discussion items

Time	Item	Who	Notes
		Antti K.	Multi-agent research

In meeting

Antti K.: currently working on 3 projects:

1. assist agents by observing only
2. improving ad-hoc teammate performances by modeling other agents
3. improving multiagents cooperation by optimizing beliefs over memory

The longer update focuses on (2). There a 2 agents and a set of items (several middle relevance, 1 huge relevance) to be collected from a gridworld. The 2 agents are fully cooperating. Currently the idea is to employ Meta Learning and CTDE (Centralized Training Decentralized Execution). It looks like ad-hoc cooperation provides better result with respect to the standard approach.

Action items

- Mert to provide a longer update next week.