

Research plan

Keep your enemies closer and be loud about it



Martin Toman

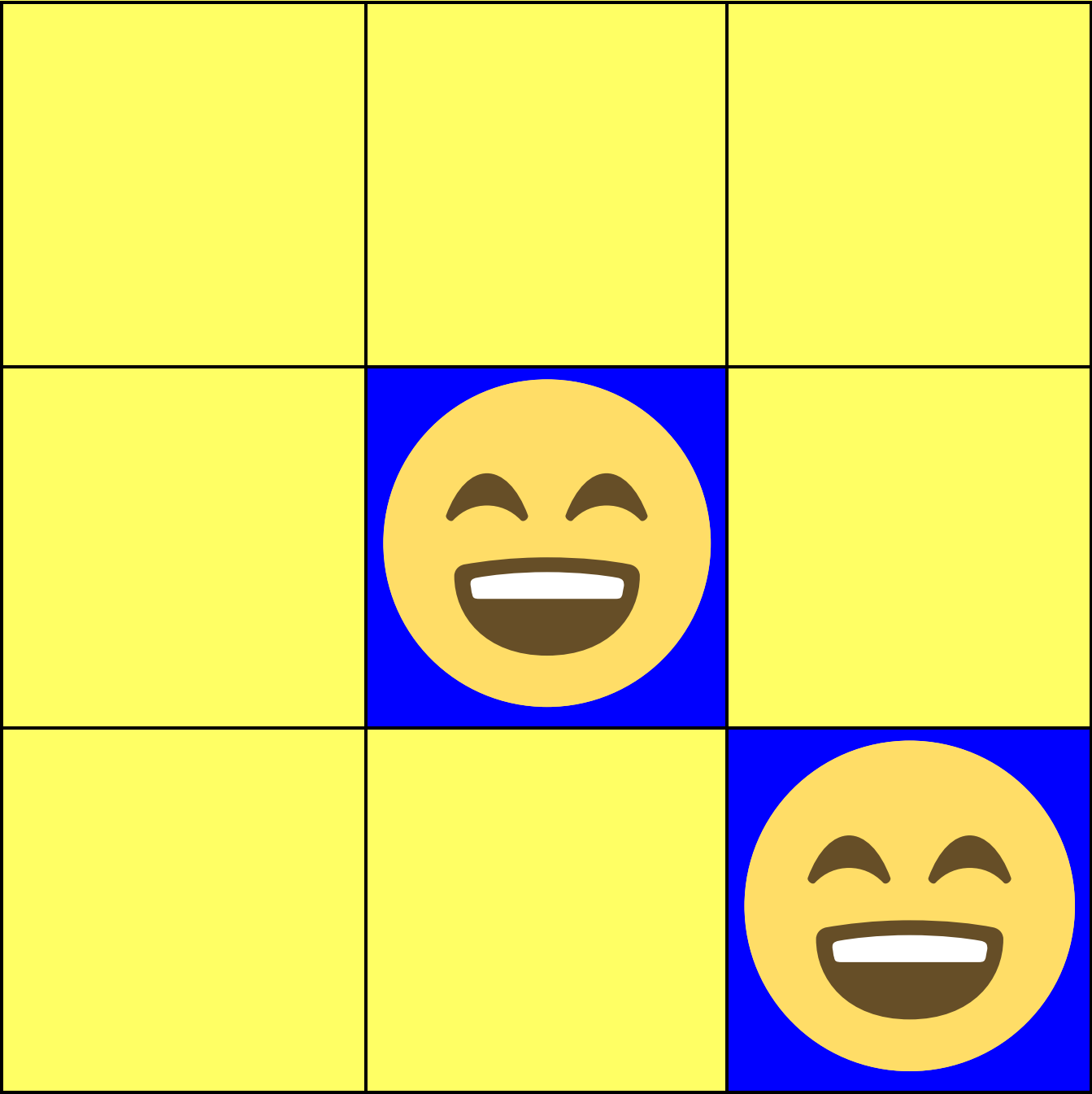
Question

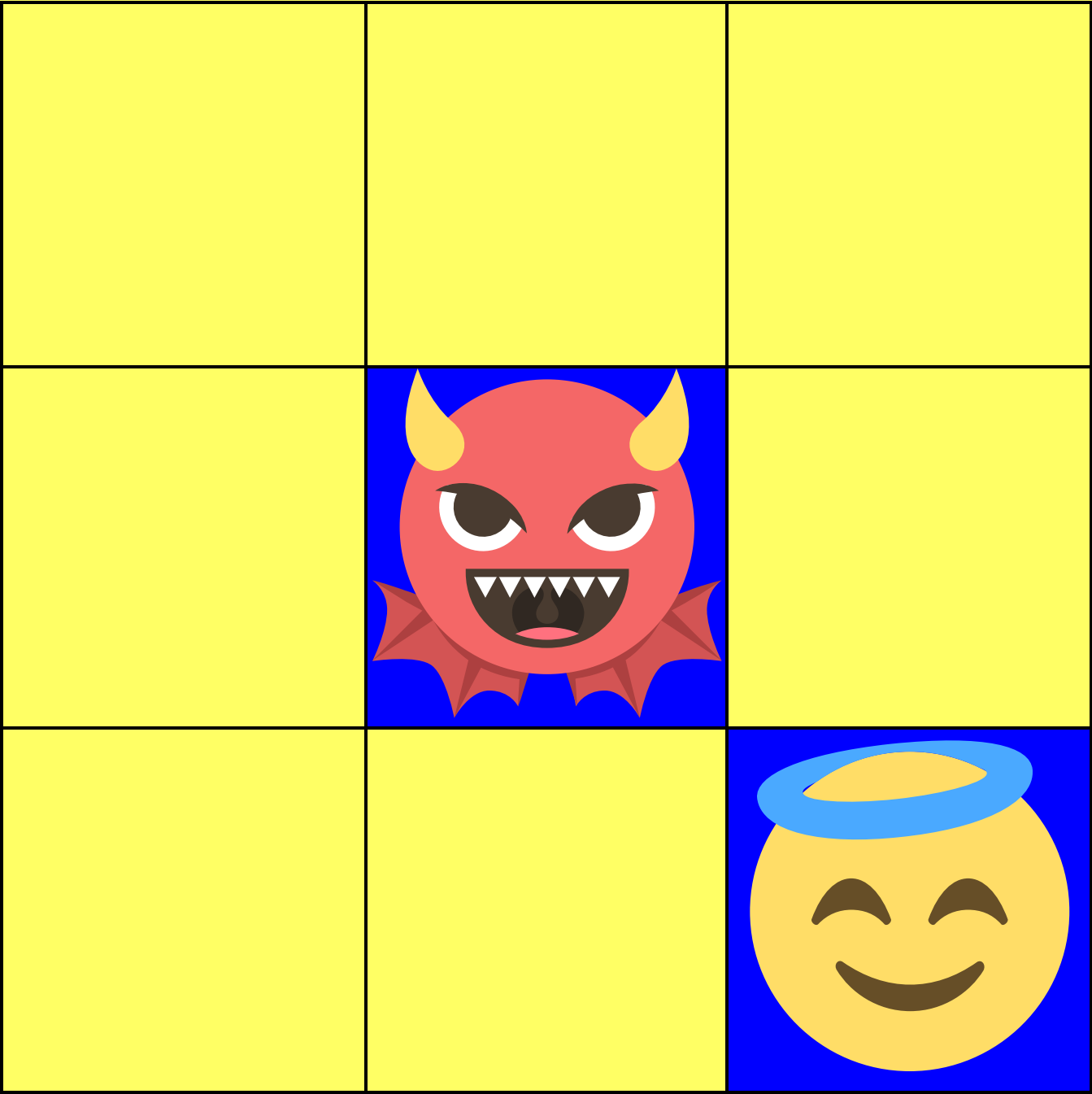
Can local reputation in spatial prisoner's dilemma enforce cooperation?

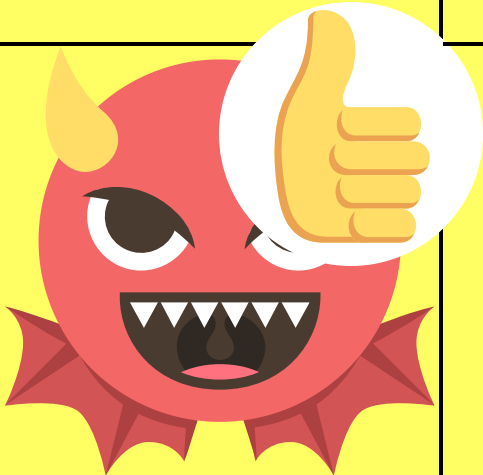

Question

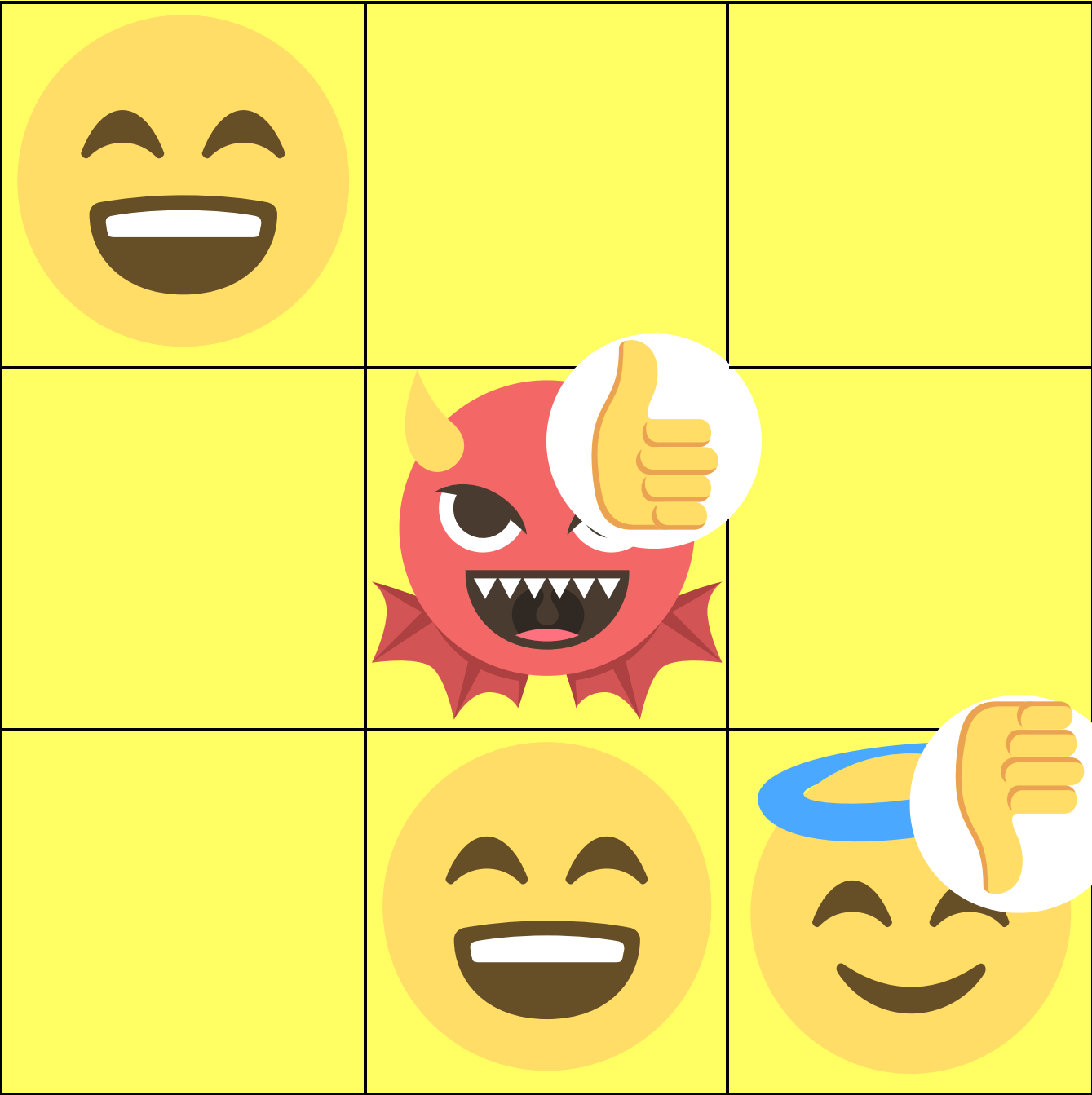
Can **local reputation** in spatial prisoner's dilemma enforce cooperation?

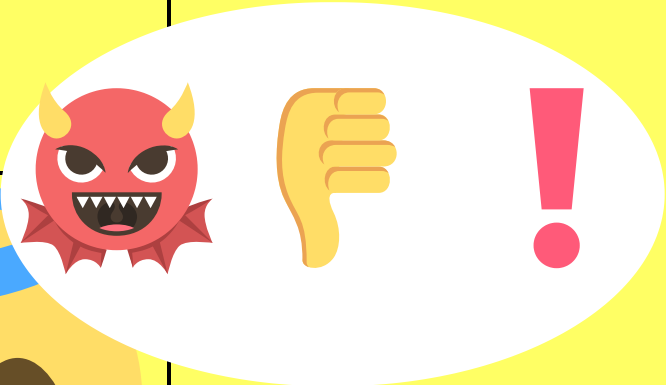
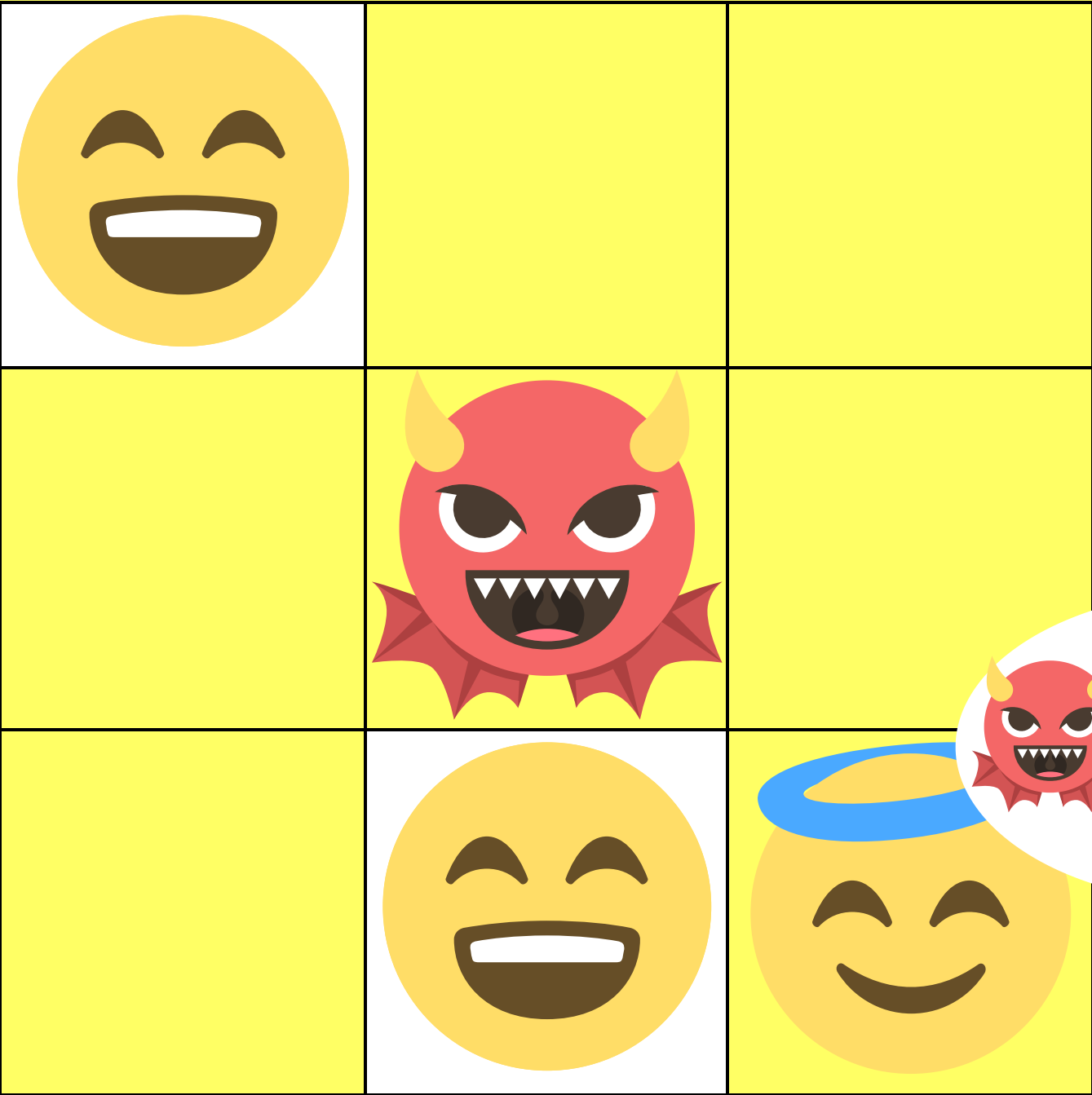
		
		

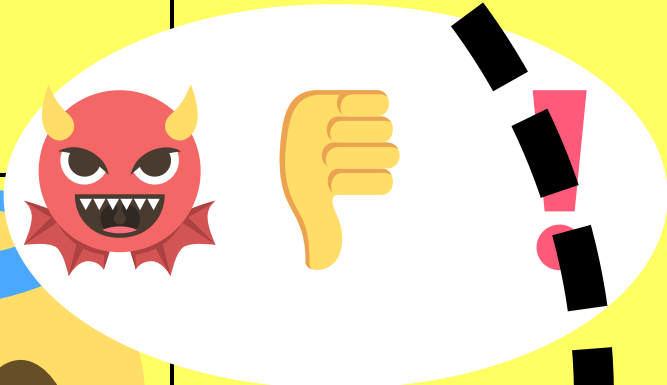
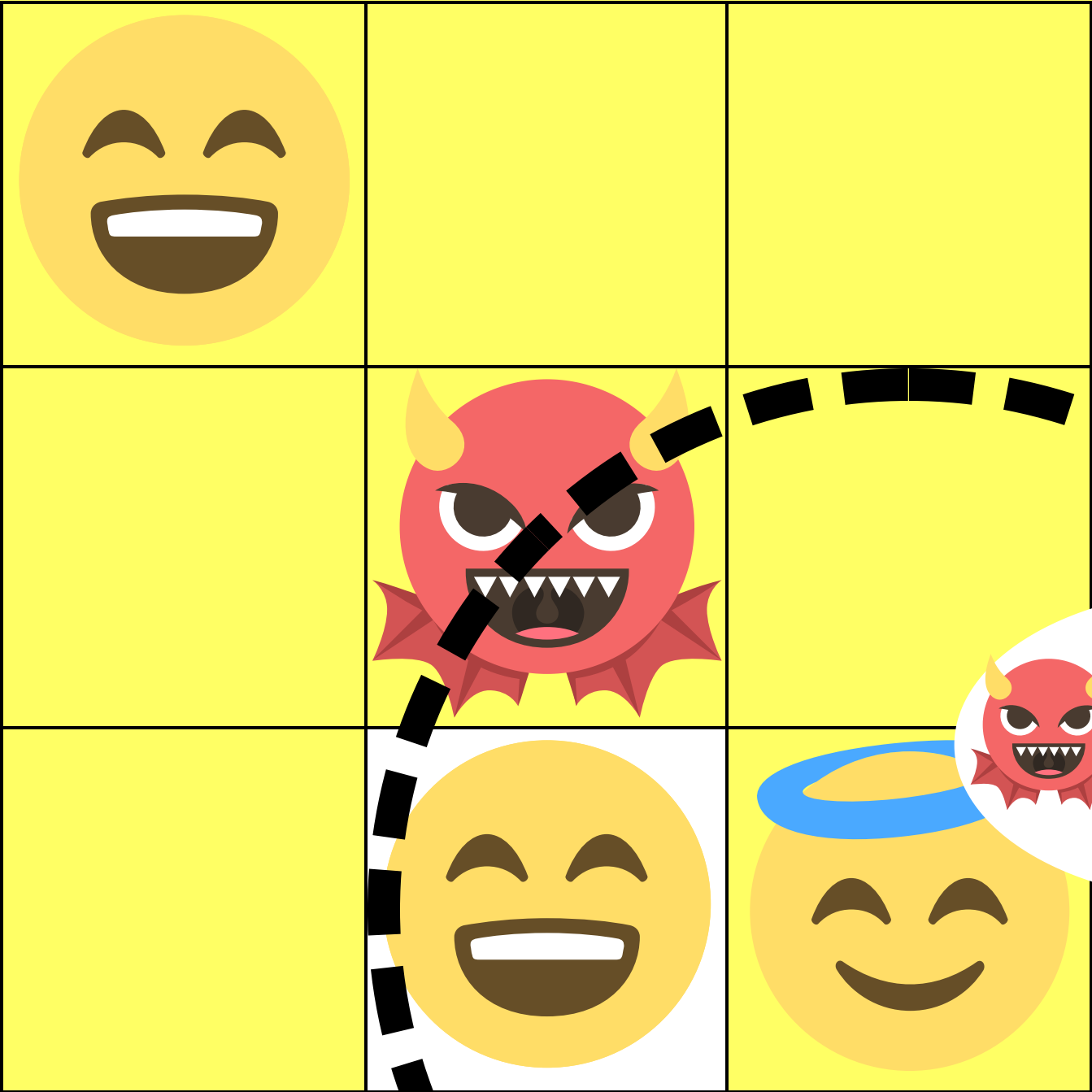


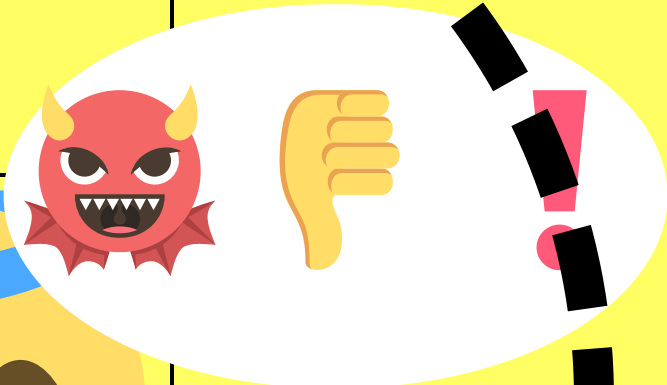
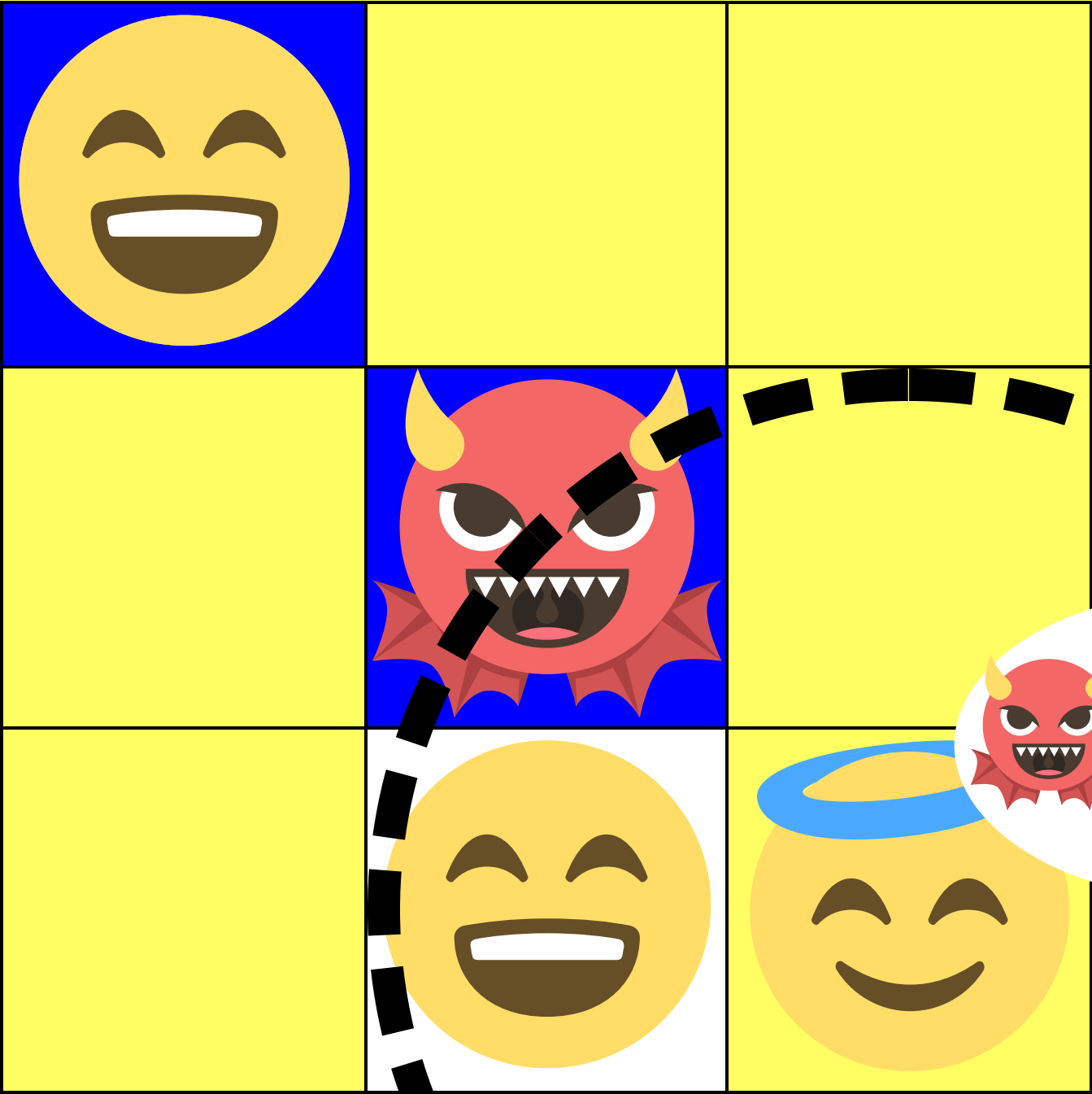










Research goals

1. Can we enforce cooperation?
2. What is the optimal gossip range?
3. How to combine own observations with gossip?
4. What if agents have limited memory?

Can **local reputation** in spatial prisoner's dilemma enforce cooperation?