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# and be loud about it Keep your enemies closer

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Intro

## T > R > P > S, 2R > T+S[1]Iterated Prisoner's Dilemma game: 1. We can model rational behaviour using

	Jopponent P		Defect	Player's move
	Opponent: T	Opponent: R (	Cooperate	
Opponent's move				

Player: P Opponent: P	Player: T Opponent: S	Defect	
Opponent: T	Opponent: R	Cooperate	Player's move
Player: S	Player: R	Cooperate	
Defect	Cooperate		

## cooperation well [2, 3] 2. Global reputation systems promote

(e.g. Ebay's seller rating)

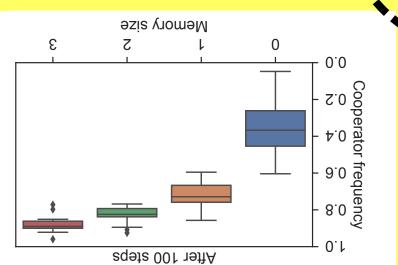
(no external system, only communication) 3. What about local reputation?

# Question

enforce cooperation? Spatial Prisoner's Dilemma Can local reputation in

## without reputation

with local reputation



0

0.0

Cooperator frequency

0.1

Results

Memory size

After 50 steps

## References

Behavior & Organization, 94:116-124. [3] Stahl, D. O. (2013). An experimental test of the efficacy of a simple under the shadow ofthe future. American Economic Review, 99:979-1005. [2] Camera, G. and Casari, M. (2009). Cooperation among strangers [1] Axelrod, R. (1984). The Evolution of Cooperation. Basic, New York.

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