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defection is not necessarily bad. we think it's bad because locally every species wants to preserve the status quo. but in the long run defection might be necessary to lead to evolvability and complexity. that's why after billions of years of evolution we still retain within ourselves the ability to defect.

so i think the right question is not "what can we do to defend ourselves against defection?" but rather "how much defection is needed for evolvability?"

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