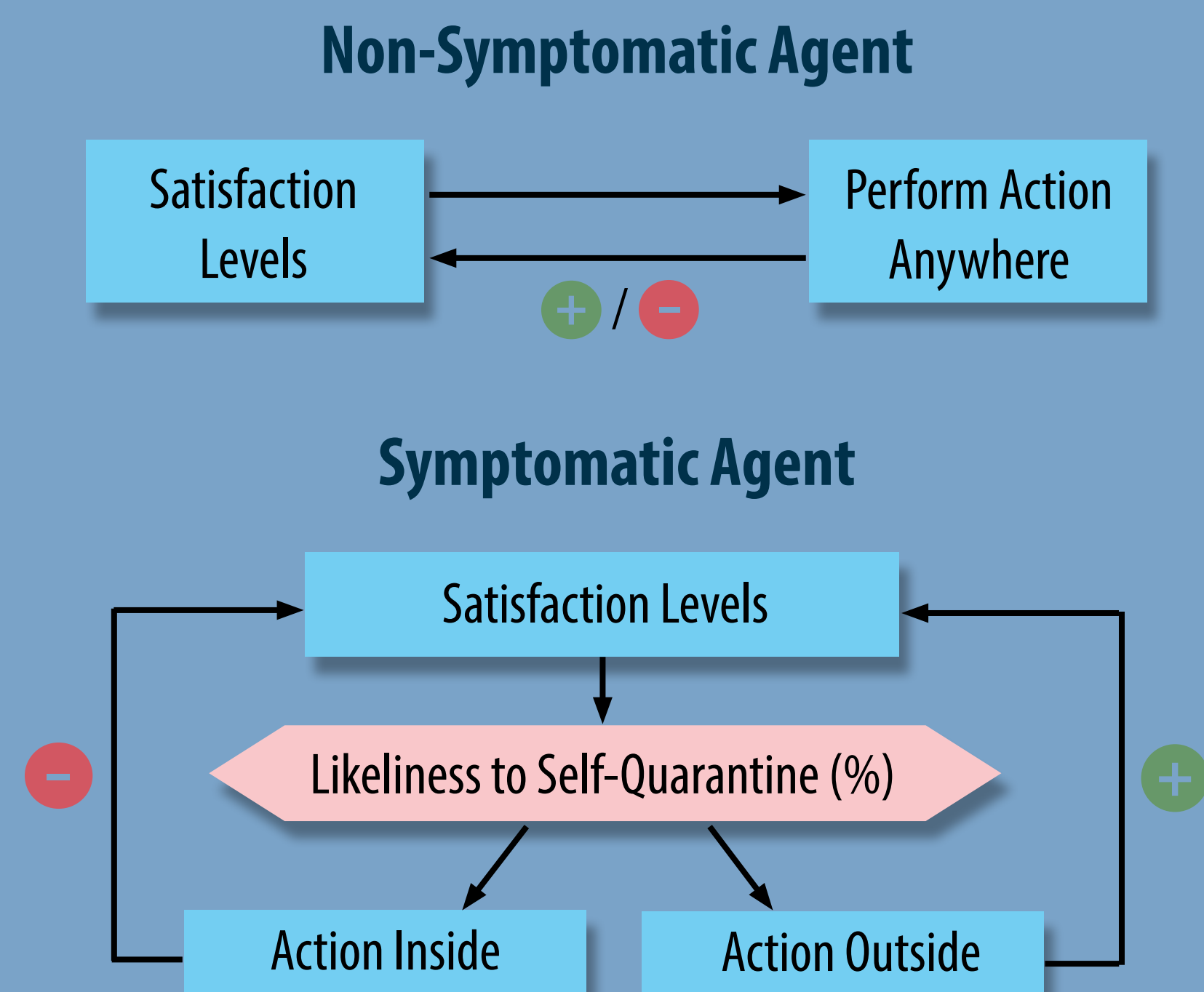


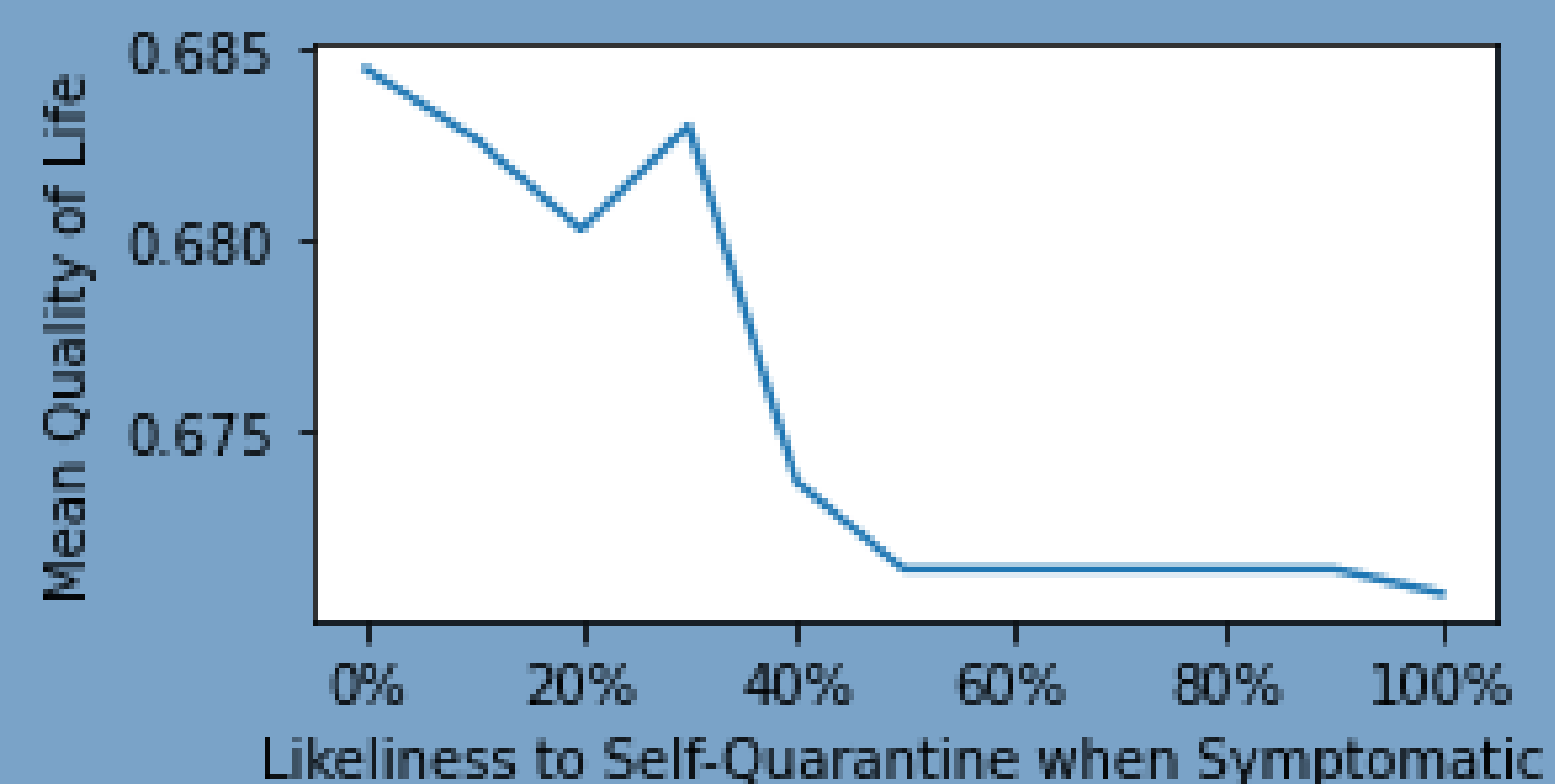


1 Quantifying Self-Quarantining

ASSOCC Agent-Based Model



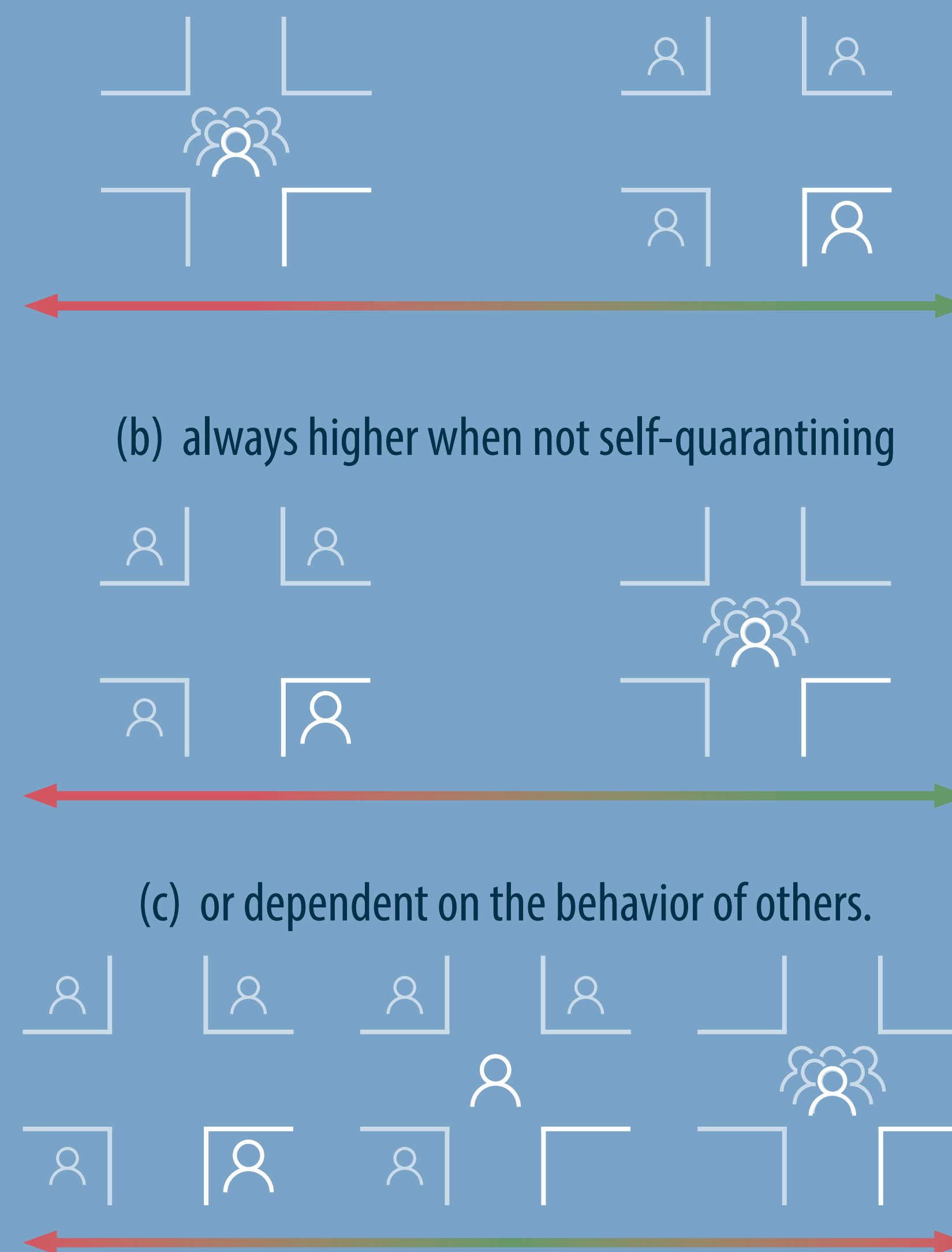
Initial Findings



2 Collective vs Individual Pay-Off

(Adapted) ASSOCC Model

Possible outcomes Individual pay-off is



3 Next

Week 5-9

Evolution of Strategies

"What happens when people can be influenced by successful peers with different strategies?"

"How does the initial setup of strategies then influence the outcome?"

Governmental

"Under what circumstances/measures do the collective and individual interests align? (scenario a/b)."

Theoretical

"Does the self-quarantine dilemma qualify as an instance of the Free-Rider problem or Multiplayer Iterative Prisoners Dilemma?"