Rigorous or tolerant: The effect of different reputation attitudes in complex networks

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Research highlights

- This paper proposes a tolerance-base reputation mechanism to enhance cooperation in complex networks.
- This paper verify the proposed mechanism on regular networks, random networks and scale-free networks.
- The mechanism employs three different update rules, i.e., Fermi function, best imitation and Roulette.
- Fermi function performs worse than Best Imitation and Roulette in regular networks and random networks, but better in scale-free networks