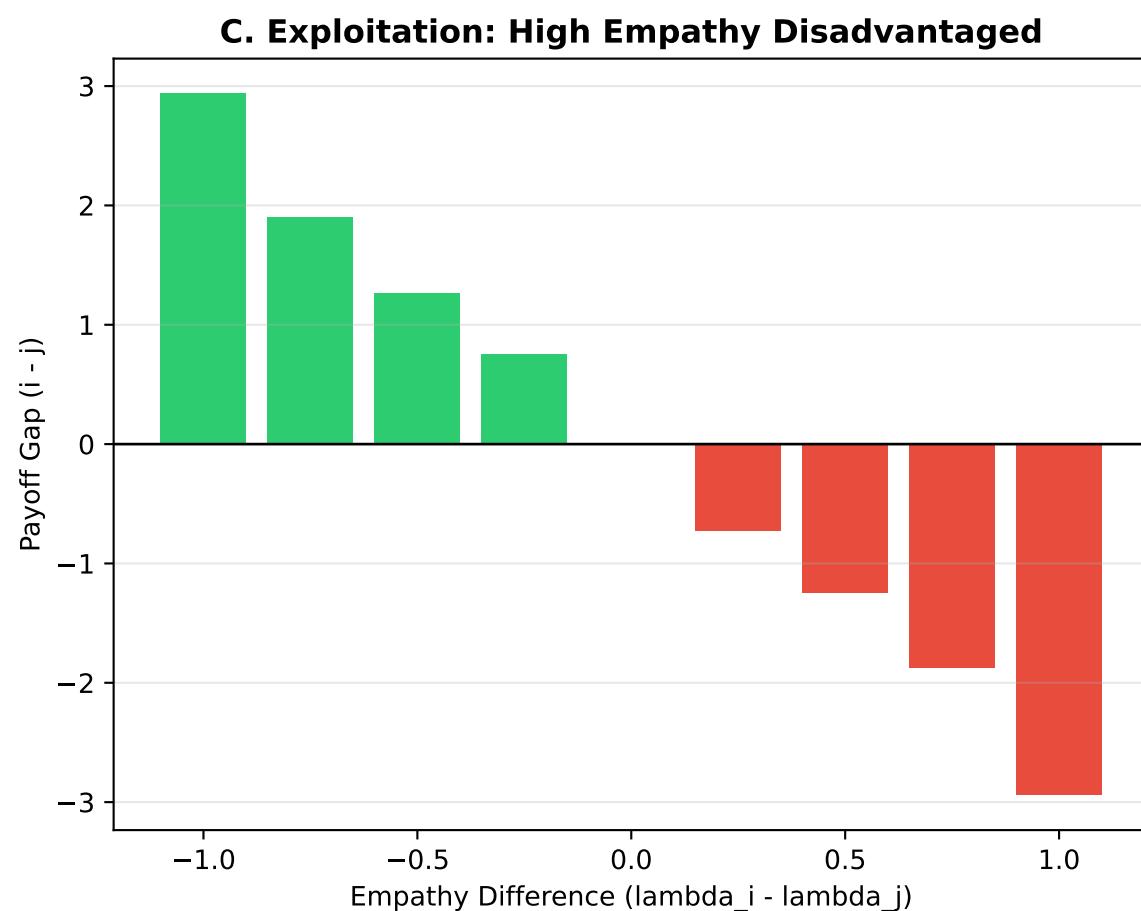
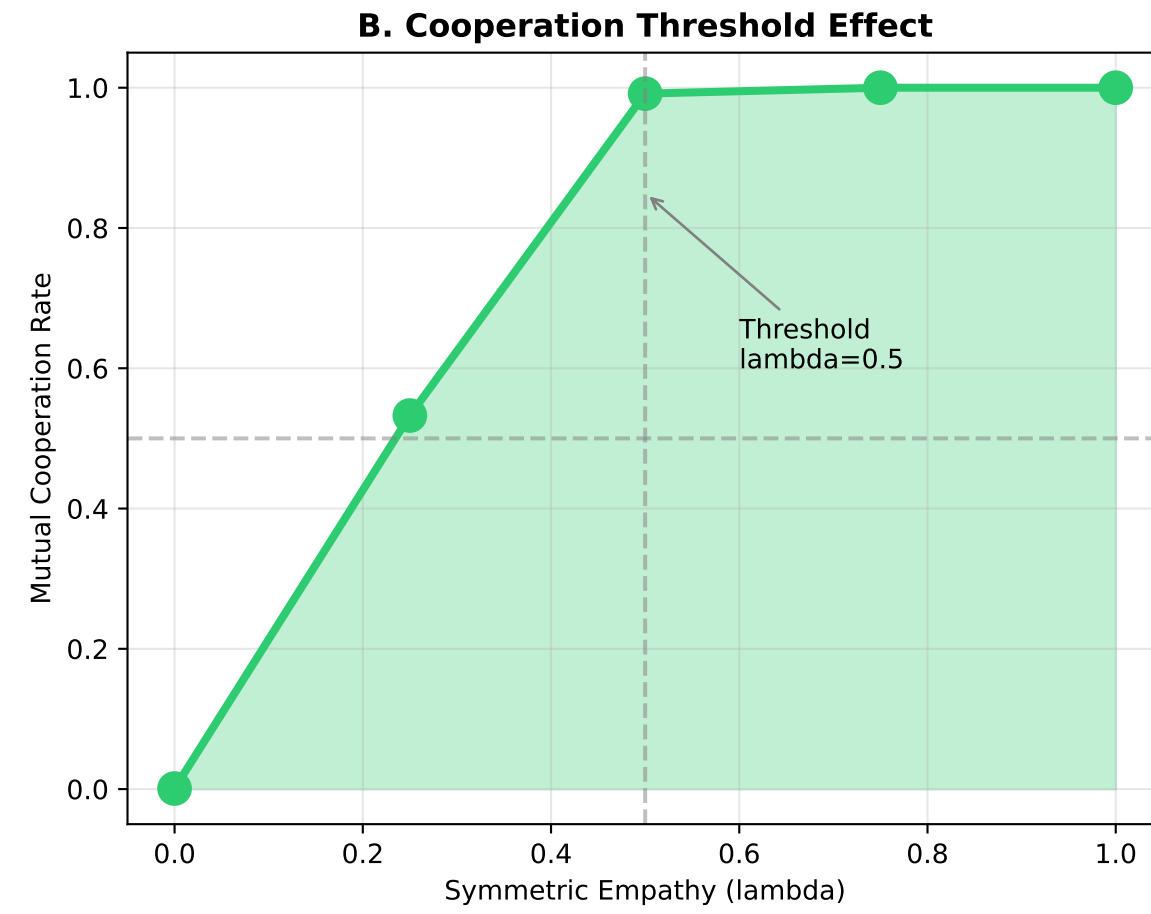
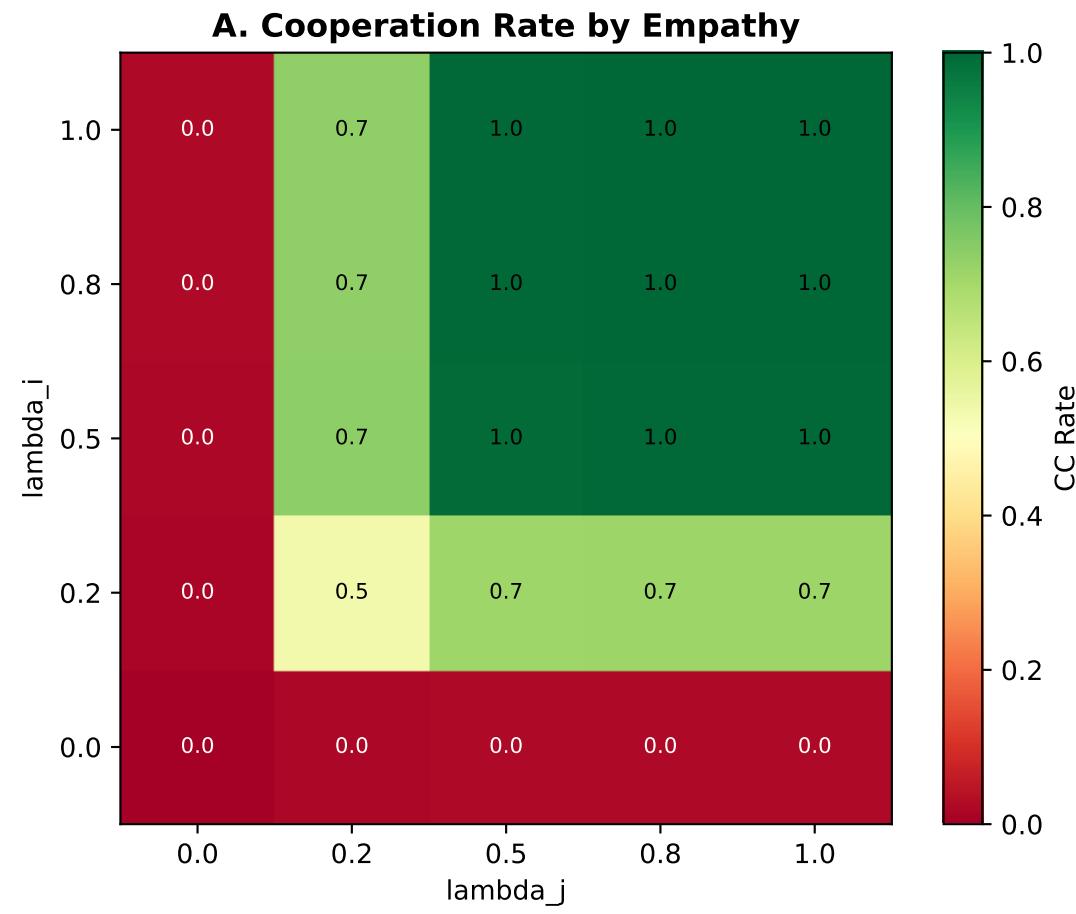


Empathy + ToM in Prisoner's Dilemma: Phase 5 Results



D. Summary Statistics

D. Key Findings

Total experiments: 22,500

High empathy (both ≥ 0.5):

- Cooperation rate: 99.7%
- N = 8,100

Low empathy (both ≤ 0.25):

- Cooperation rate: 14.1%
- N = 3,600

Asymmetric ($|diff| \geq 0.5$):

- i exploited: 25.0%
- j exploited: 25.0%
- N = 10,800

Main Result:
Empathy ≥ 0.5 reliably produces mutual cooperation without baking in pro-sociality.