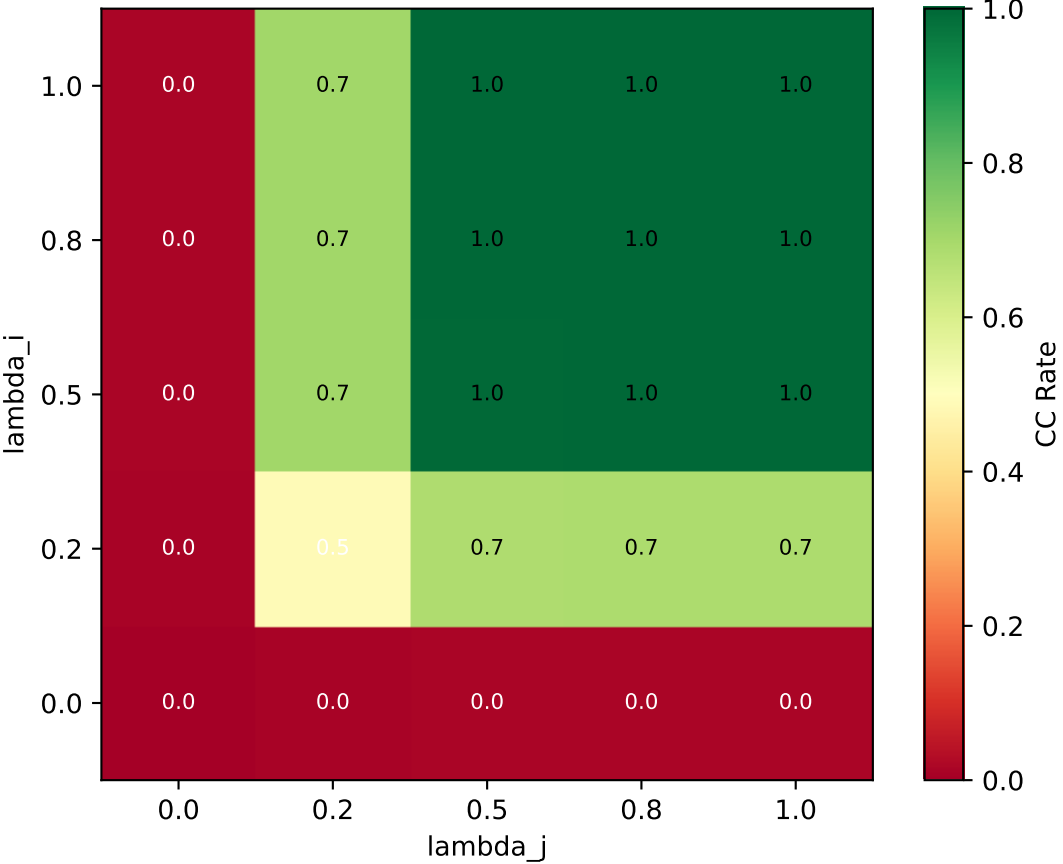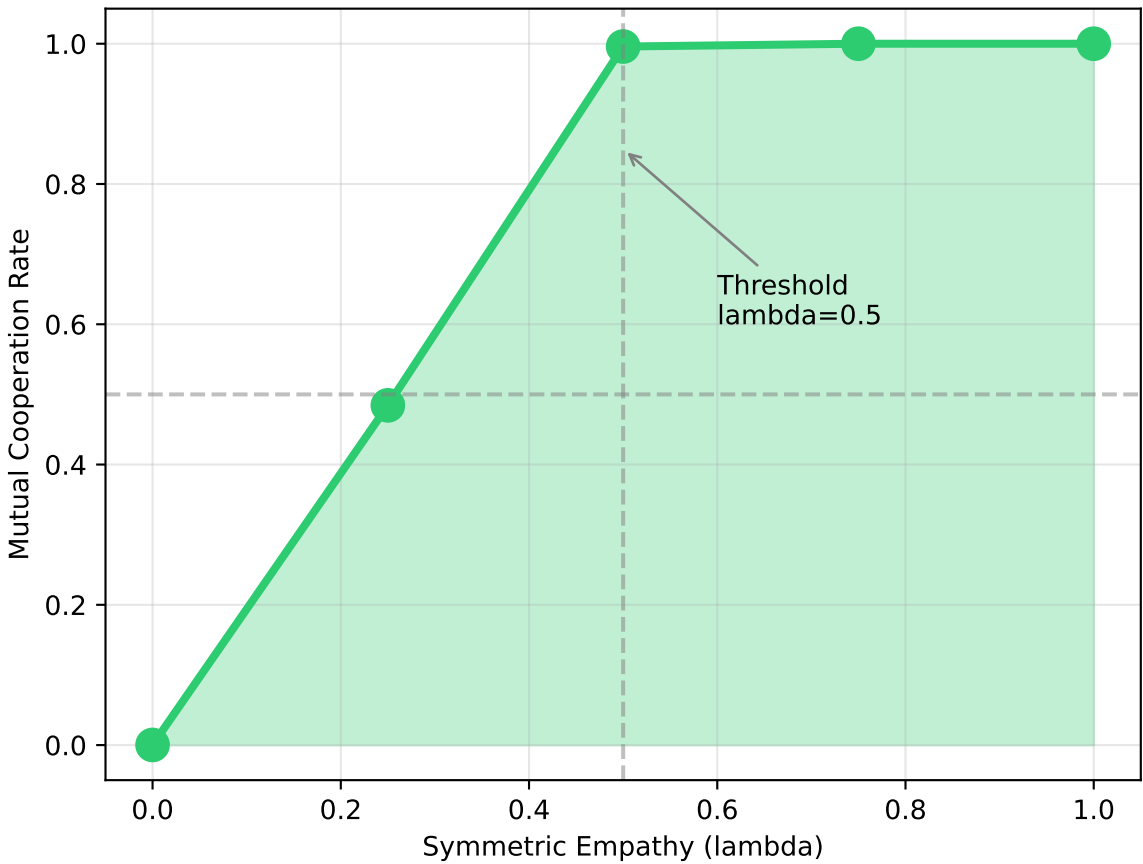**Empathy + ToM in Prisoner's Dilemma: Phase 5 Results**
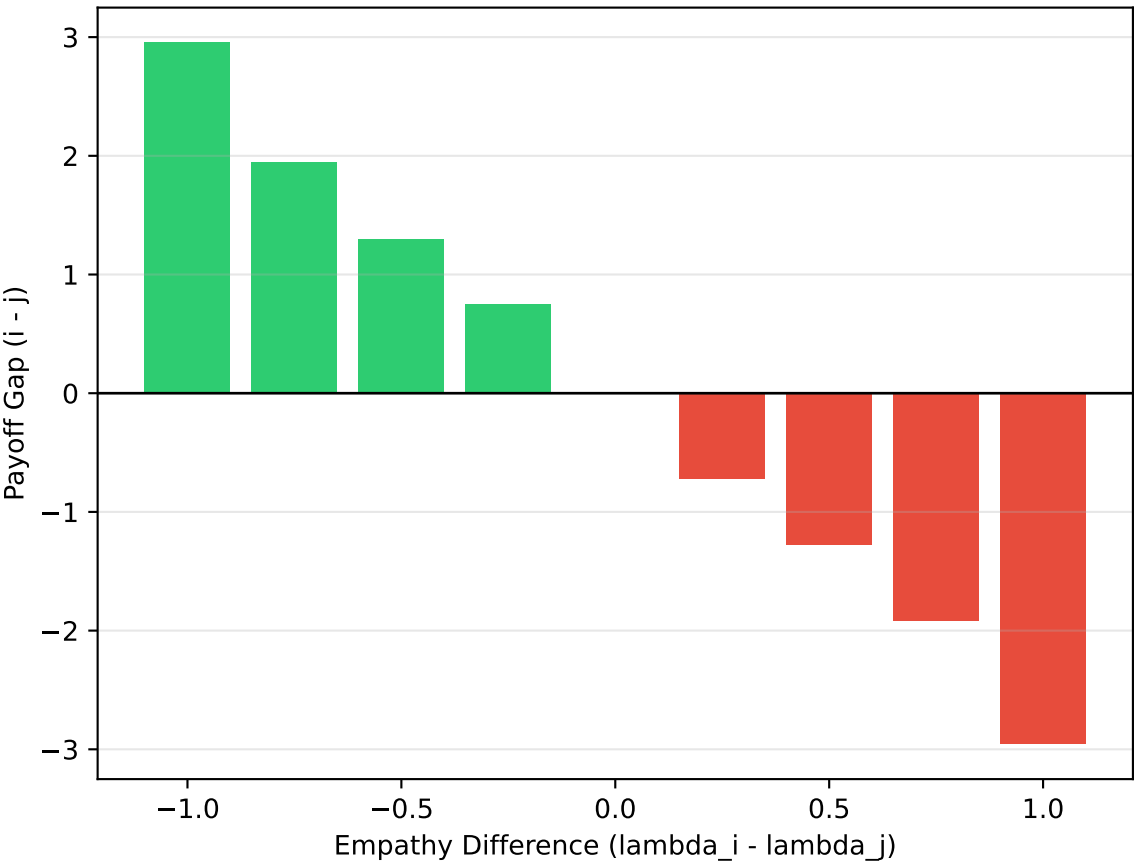
A. Cooperation Rate by Empathy

B. Cooperation Threshold Effect

C. Exploitation: High Empathy Disadvantaged

D. Summary Statistics

```
D. Key Findings

Total experiments: 22,500

High empathy (both >= 0.5):
  - Cooperation rate: 99.9%
  - N = 8,100

Low empathy (both <= 0.25):
  - Cooperation rate: 12.6%
  - N = 3,600

Asymmetric (|diff| >= 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.
```