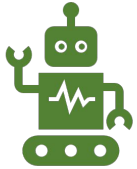
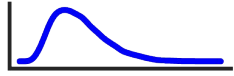
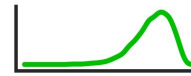




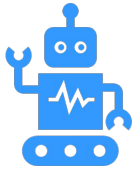
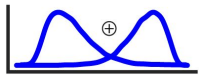
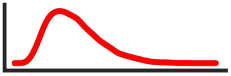
Shreyas Bhat

Enabling Effective Human-Robot Interaction via Trust-Driven Decision-Making

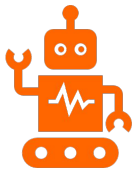
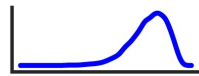
Overall Goal: Maximize Rewards Under



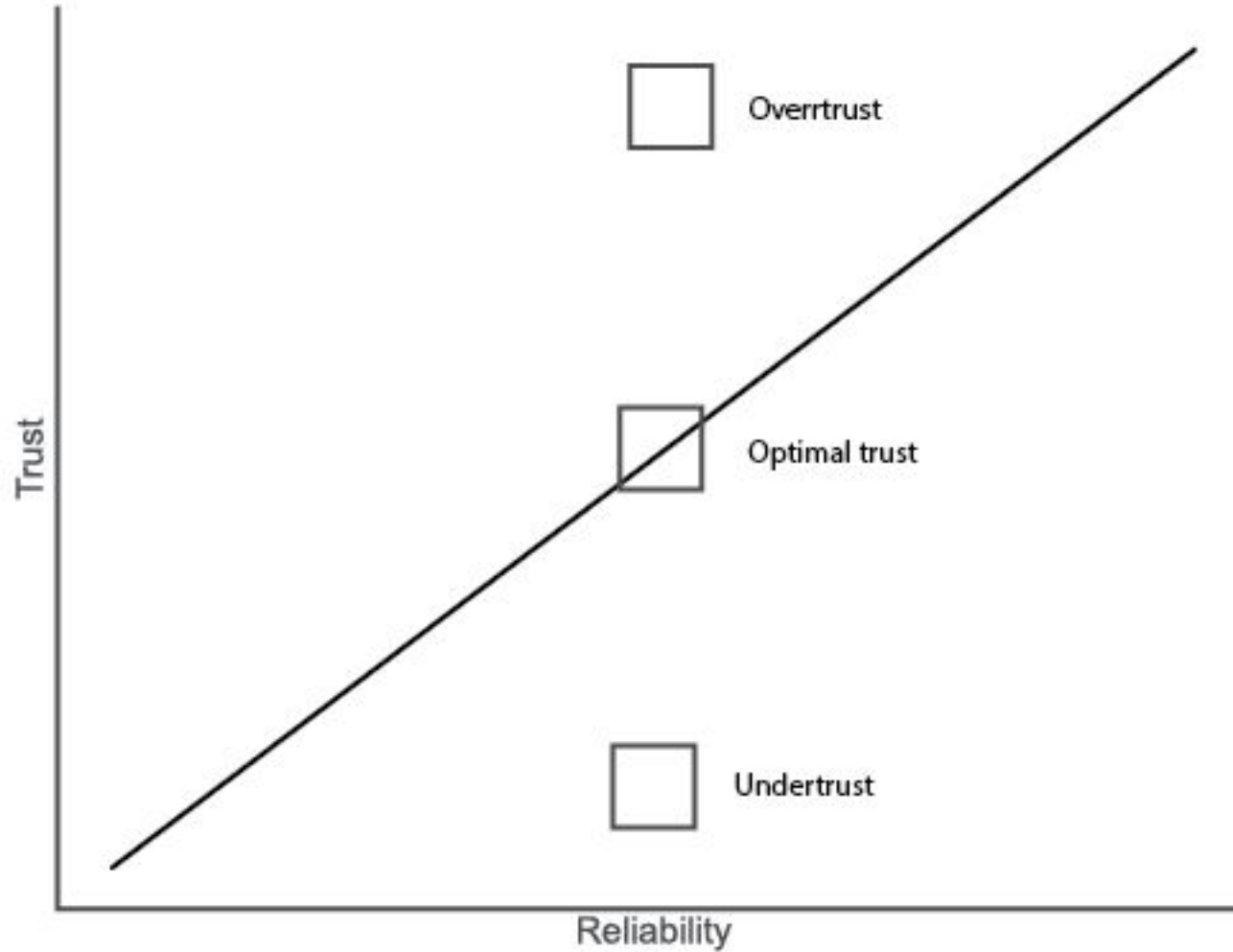
Fully-adaptive



Smart-adaptive



Non-adaptive



Research Plan:

Step 1: Estimate Trust

Step 2: Estimate

Step 3: Find adaptive strategy

Open questions:

1. What is optimal trust?
2. When to adapt?

Outcomes:

Robots that adapt their behavior to increase trust when required and maximize true reward otherwise