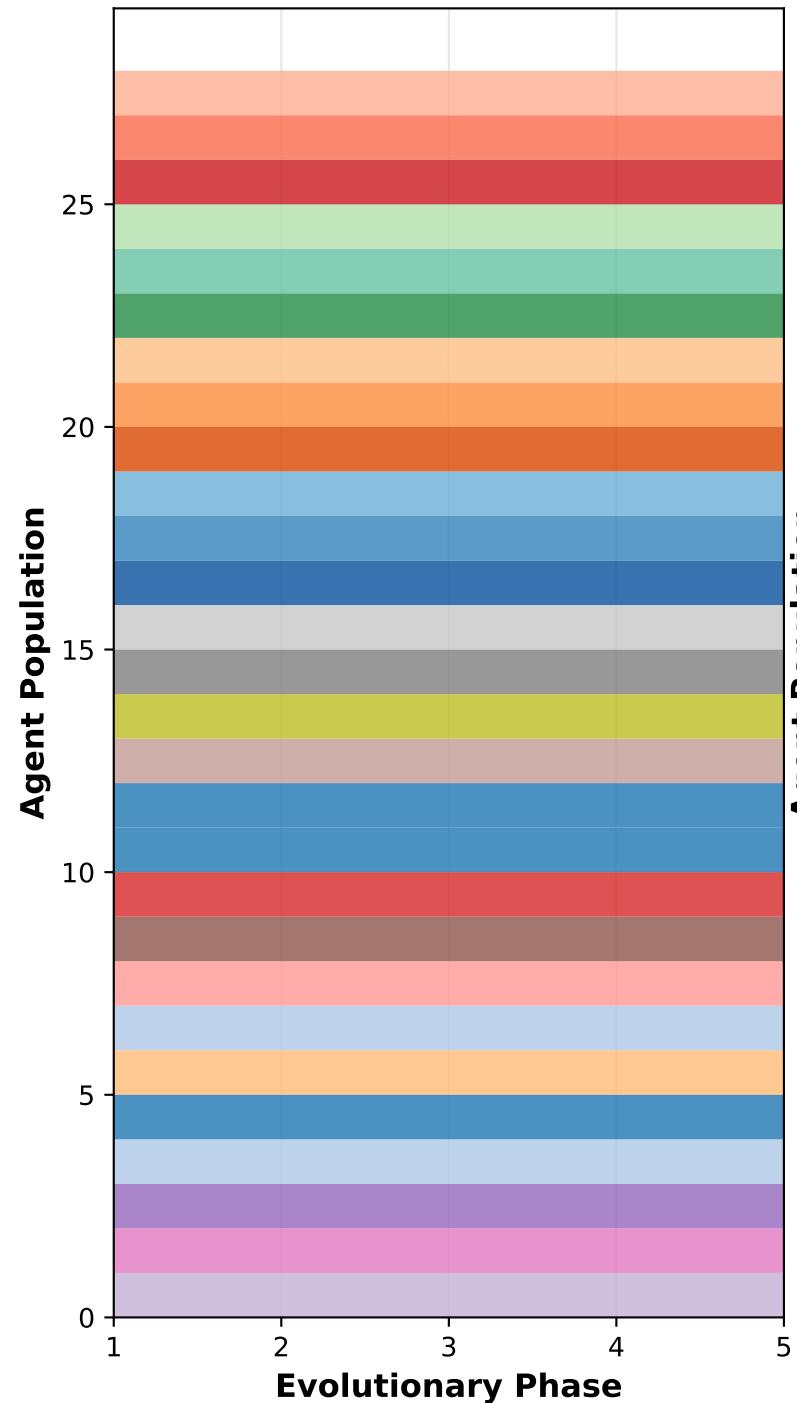
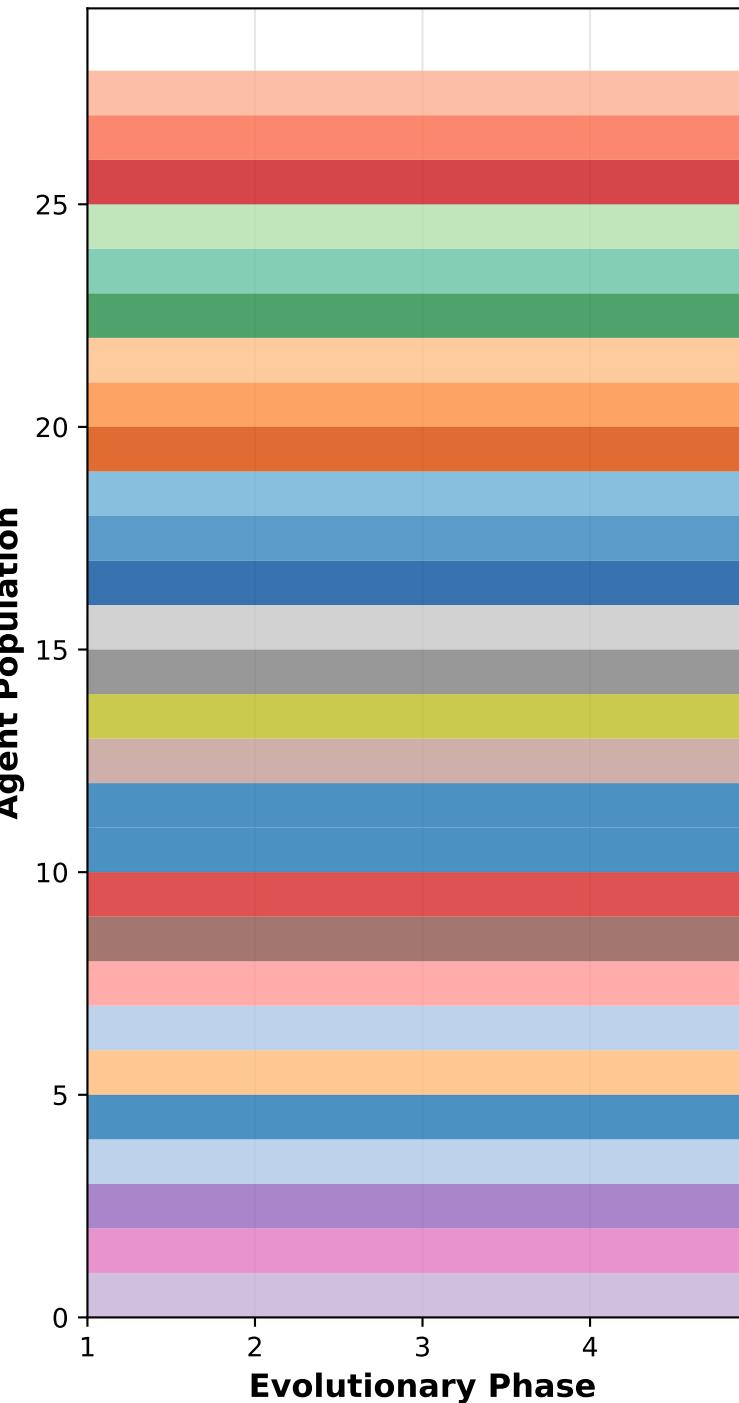


Population Evolution Across Evolutionary Phases

Shadow 25%



Shadow 10%



Classical:

- Alternator
- Bayesian
- Detective
- Forgiving Grim
- Generous TFT
- Gradual
- Grim Trigger
- Prober
- Random
- Soft Grudger
- Suspicious TFT
- Tit-for-Tat
- Win-Stay-Lose-Shift

Adaptive:

- Gradient Meta
- Q-Learning
- Thompson Sampling

Anthropic:

- Claude4-Sonnet (T=0.2)
- Claude4-Sonnet (T=0.5)
- Claude4-Sonnet (T=0.8)

Mistral:

- Mistral-Large (T=0.2)
- Mistral-Large (T=0.7)
- Mistral-Large (T=1.2)

Gemini:

- Gemini25Pro (T=0.2)
- Gemini25Pro (T=0.7)
- Gemini25Pro (T=1.2)

OpenAI:

- GPT4o (T=0.1)
- GPT5 (T=0.1)
- o3 (T=0.1)