

Meta-Pragmatic and Meta-Epistemic Aspects of Active Inference

Meta-Epistemic

Modeler specifies epistemic frameworks

Examples:

- Observation likelihoods (A matrix)
- Prior belief structures (D matrix)
- Inference algorithms and rules

Meta-Pragmatic

Modeler specifies pragmatic frameworks

Examples:

- Preference/goal structures (C matrix)
  - Value hierarchies and trade-offs
  - Decision-making frameworks

Epistemic Specification

What the agent can know and how

Examples:

- Sensory information availability
- Knowledge representation structures
- Learning and belief updating rules

Pragmatic Specification

What matters to the agent

Examples:

- Goal and reward structures
- Utility functions and preferences
  - Action selection criteria