

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

Epistemic Specification

What the agent can know and how

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

Meta-Pragmatic

Modeler specifies pragmatic frameworks

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

Pragmatic Specification

What matters to the agent

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