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