Discussion

The (2×2) matrix structure reveals Active Inference as a fundamentally meta-level methodology with profound implications for cognitive science, artificial intelligence, and our understanding of intelligence itself. This section explores the theoretical implications of viewing Active Inference through the lens of meta-pragmatic and meta-epistemic operation, examining how specification power enables new forms of cognitive analysis, design, and understanding that transcend traditional approaches to cognition. By allowing researchers to specify epistemic and pragmatic frameworks rather than working within fixed structures, Active Inference creates a meta-methodology that makes framework design itself a research question.

Meta-Pragmatic Implications

Active Inference's meta-pragmatic nature transcends traditional approaches to goal-directed behavior by allowing modelers to specify pragmatic frameworks (through matrix (C)) rather than simple reward functions. This specification power supports researchers in exploring how different value systems shape cognition