

Conclusion

This paper has presented a framework for understanding Active Inference as a meta-pragmatic and meta-epistemic methodology. Through the (2×2) matrix analysis of Data/Meta-Data (\times) Cognitive/Meta-Cognitive processing, we have demonstrated how Active Inference operates across three levels of cognitive abstraction, enabling researchers to specify not just current beliefs and goals, but the very frameworks within which cognition occurs.

Summary of Contributions

Theoretical Framework

We introduced a systematic framework for analyzing Active Inference's meta-level operation:

1. **Quadrant 1 (Data, Cognitive):** Baseline EFE computation with direct sensory processing
2. **Quadrant 2 (Meta-Data, Cognitive):** Processing with meta-information integration
3. **Quadrant 3 (Data, Meta-Cognitive):** Self-reflective processing and adaptive control
4. **Quadrant 4 (Meta-Data, Meta-Cognitive):** (not explicitly described in the text)