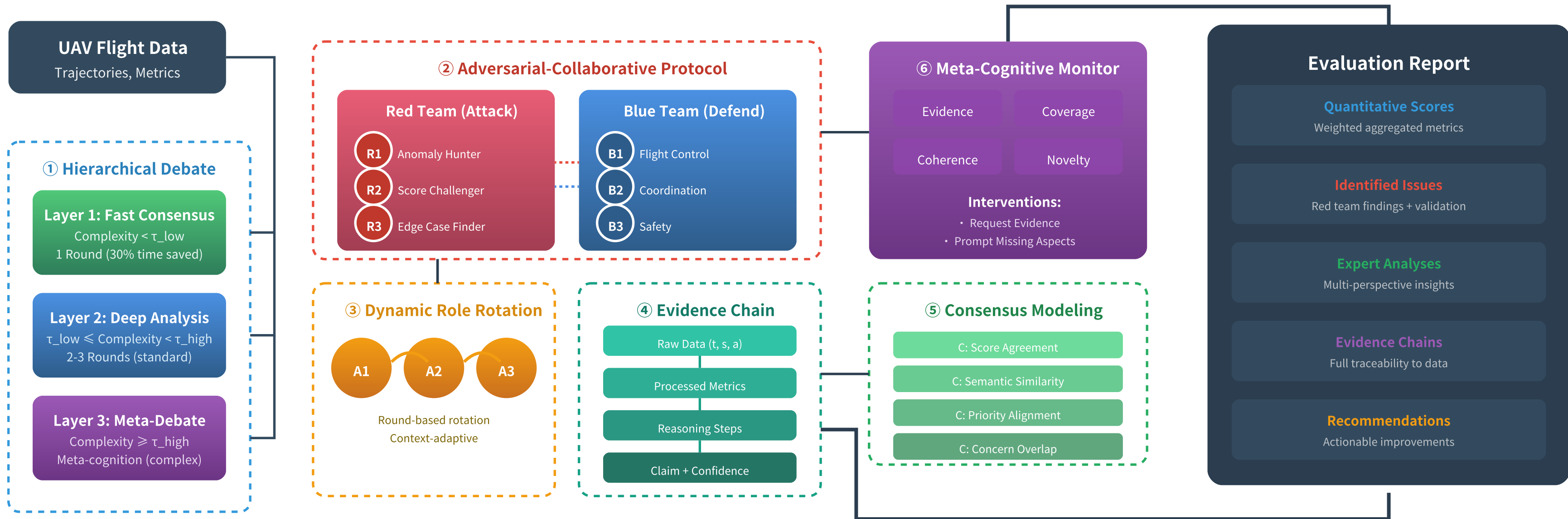


# Enhanced Multi-Agent Debate Architecture



## Key Innovation Points

- ① Hierarchical: 30-40% efficiency gain via complexity-based routing
- ② Adversarial-Collaborative: Eliminates echo chambers, finds hidden issues
- ③ Dynamic Rotation: Multi-perspective thinking, prevents bias lock-in
- ④ Evidence Chain: Full traceability from data to conclusion
- ⑤ Consensus Modeling: Quantifies agreement across 4 dimensions
- ⑥ Meta-Cognitive: Real-time quality monitoring with interventions

## Complete Evaluation Workflow

