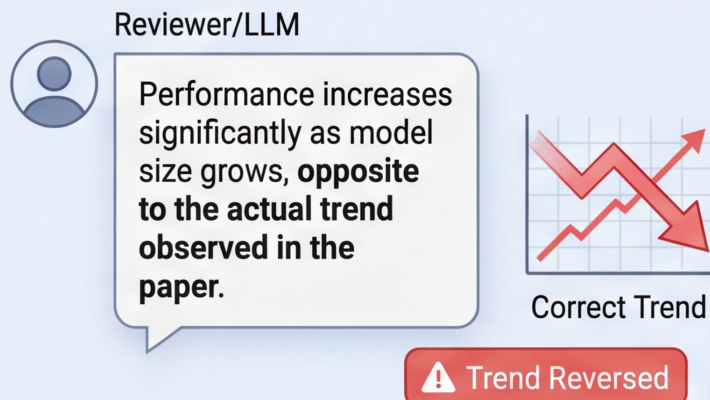
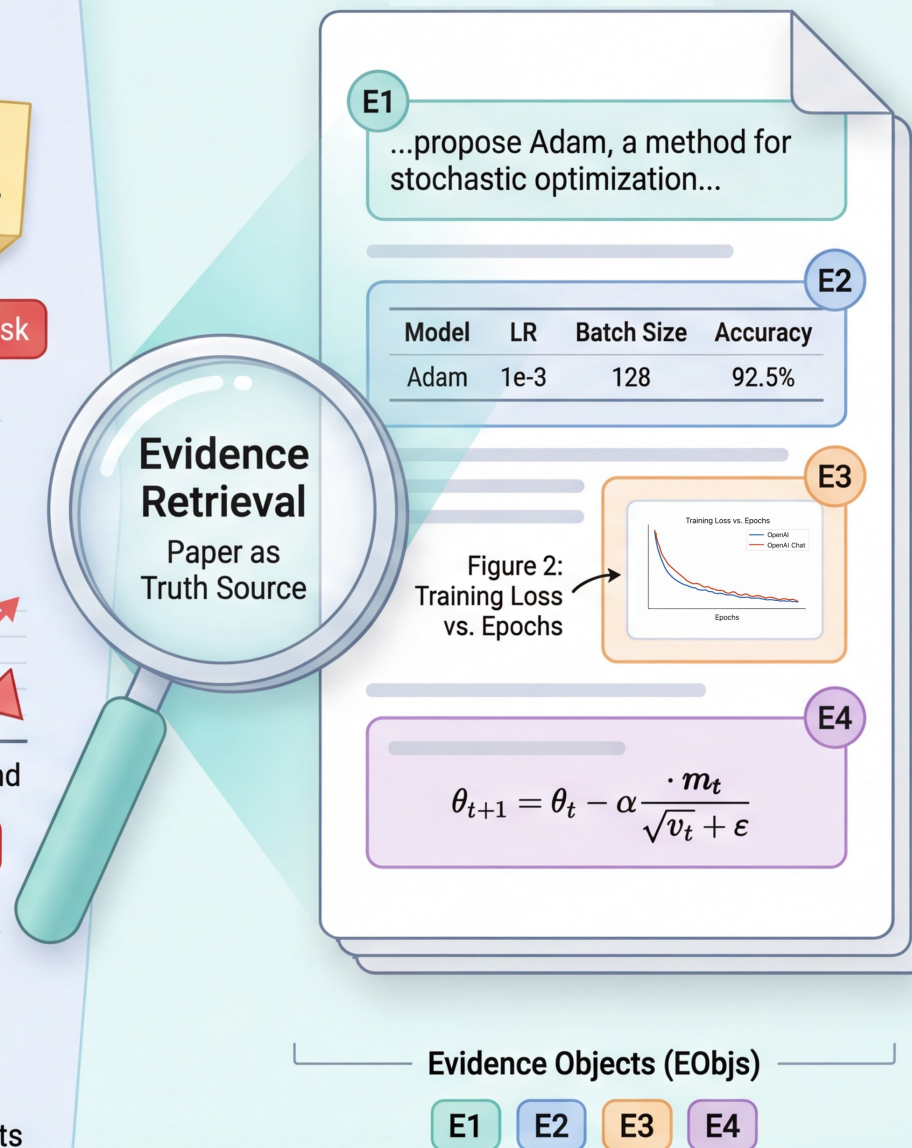


Peer-Review Dialogue Examples



~27k papers | ~1M claims | >7M evidence objects

Ground-Truth Paper: Multimodal Evidence



ADAM-Bench Evaluation

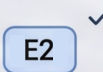
ClaimCard

CLAIM: "Adam optimizer with lr=1e-3 achieves 92.5% accuracy."

Evidence: {E2}

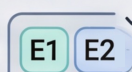
Minimal Evidence Sets

Option 1:



OR

Option 2:



Task A – Hallucination Detection

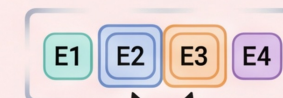
✓ SUPPORTED

✗ CONTRADICTED

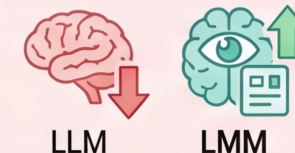
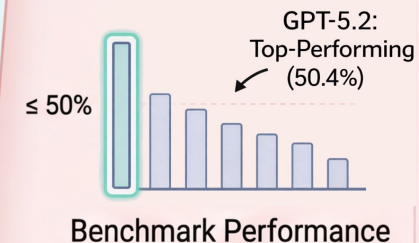
? NOT_FOUND

UNDECIDABLE

Task B – Minimal Evidence Set Localization



Highlighted Minimal EObj Sets



LMM > LLM at similar scale

34 LLMs + 10 LMMs