

Reasoning Path Selection & Optimization

🎯 Path Quality Metrics

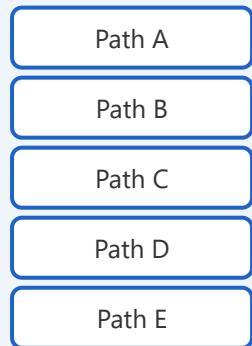
- Logical consistency
- Evidence alignment
- Medical accuracy
- Completeness of reasoning

🔍 Selection Strategies

- Confidence scoring
- Expert validation
- Guideline adherence
- Outcome verification

Path Selection & Pruning Process

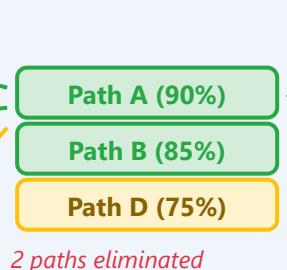
1. Generate



2. Assess Quality



3. Prune & Select



4. Final Selection

✓ SELECTED
Path A (Best Score)



Pruning Strategy: Eliminate paths with logical contradictions or unsupported claims early