

Self-Consistency & Voting Mechanism

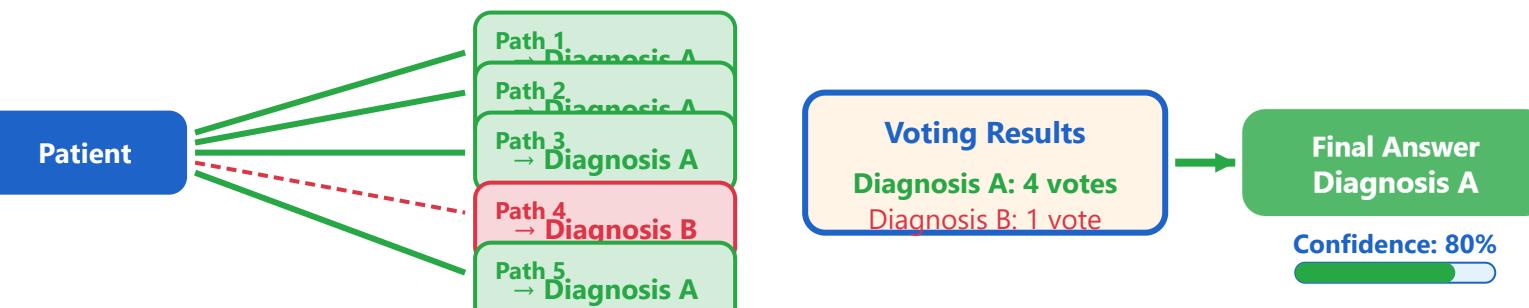
Multiple Reasoning Paths

Generate Multiple Solutions: Sample 5-10 different reasoning paths

Voting Mechanism: Select most consistent answer across paths

Confidence Boost: Agreement increases reliability

Example: 5 Reasoning Paths



Performance improvement: **5-15% accuracy gain** over single-path CoT