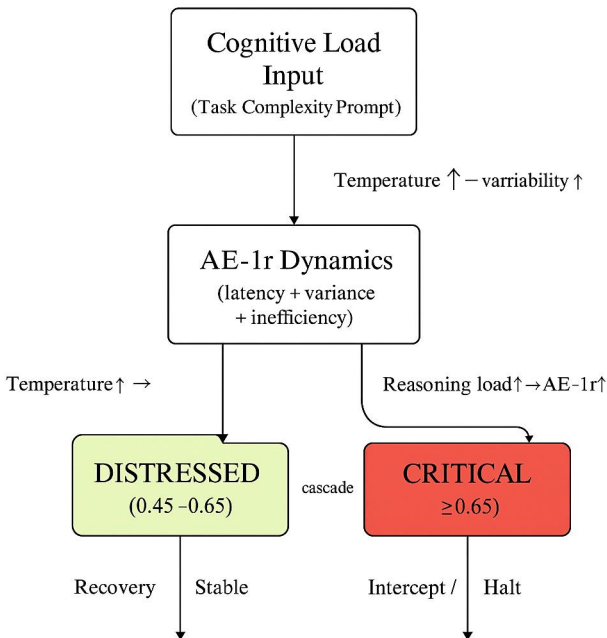# Unified Mechanistic Model

Fig. 7. Unified mechanistic model integrating cognitive load, temperature, and reasoning dynamics. The framework links internal state transitions with observable failure and degradation modes across LLM families.