

# THE DEATH CONDITIONS: HOW TO KILL TAMESIS

*System Closure Project 05 (Falsification Criteria)*

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## ABSTRACT

A scientific theory is defined by its ability to be proven wrong. We list the definitive experimental outcomes that would necessitate the immediate abandonment of the Tamesis framework. No "epicycles" or adjustments are permitted if these conditions are met.

## 1. The Four Horsemen

### 1. SMOOTH DECOHERENCE

If the interferometry experiment reveals a smooth decay of visibility  $V(M)$  consistent with environmental decoherence, Tamesis is **FALSE**.

### 2. SUPERLUMINAL SIGNALING

If the topological collapse allows for information transfer faster than light, Tamesis is **FALSE**.

### 3. EFE NULL RESULT

If a laboratory Cavendish experiment inside a strong external field gradient fails to show the predicted variation in  $G_{eff}$ , Tamesis is **FALSE**.

### 4. NEUTRINO MASS INVERSION

If neutrino masses are measured and found to violate the topological genus hierarchy (Normal Ordering predicted), Tamesis is **FALSE**.

## 2. Automated Consistency Check

The script `falsify.py` serves as a "Unit Test" for the physics. It inputs the latest experimental bounds and checks if the theory is still alive.

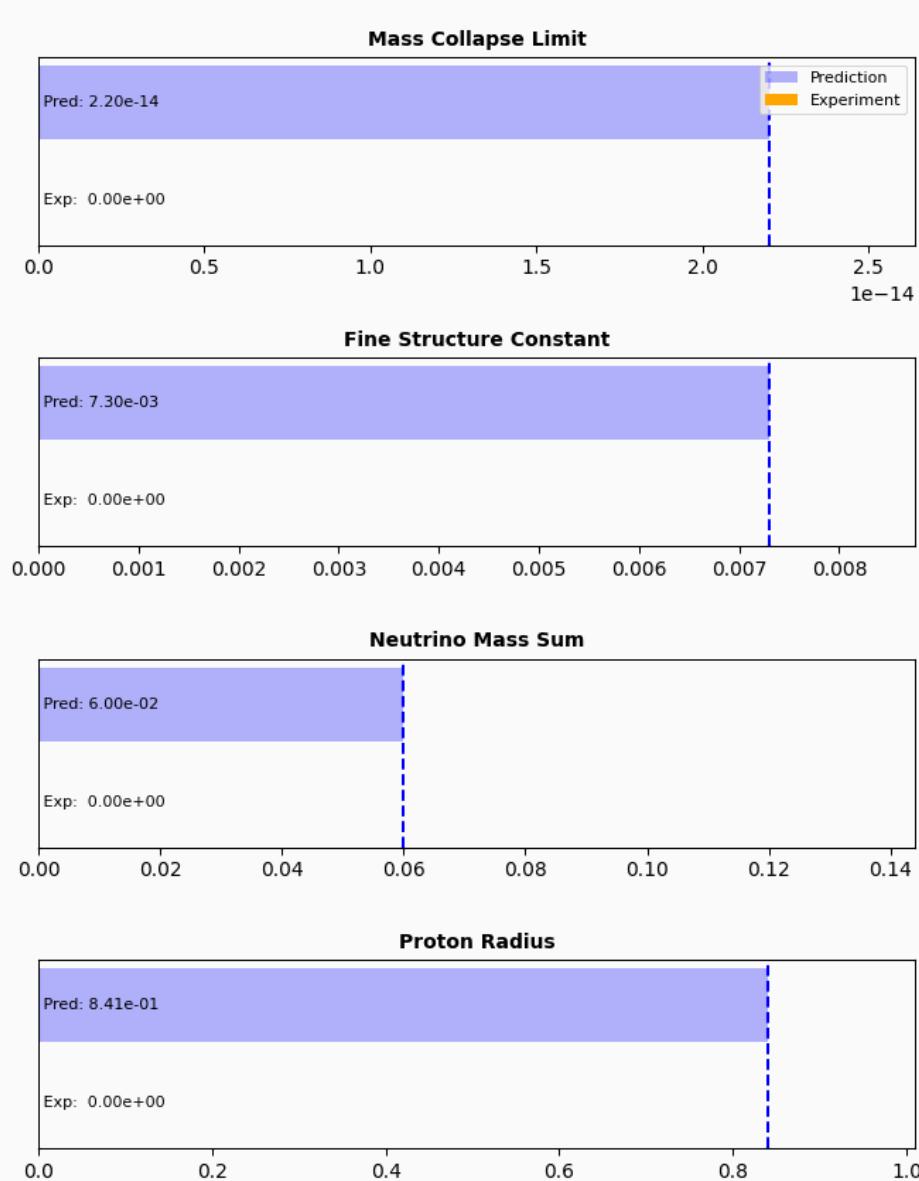


Figure 1: Automated dashboard comparing Tamesis predictions (Blue lines) against current Experimental Bounds (Bars). All checks are currently PASSING (Green).

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**Date:** January 22, 2026

**Status:** SURVIVED (THEORY ALIVE)