

Forensic Analysis Report

Neuro-Symbolic Crisis Generator • Comprehensive Evaluation

Generated: 2025-12-17 22:19:04

Executive Summary

2

TOTAL SCENARIOS

0

HALLUCINATIONS PREVENTED

0.00

AVG LEGACY HALLUCINATIONS

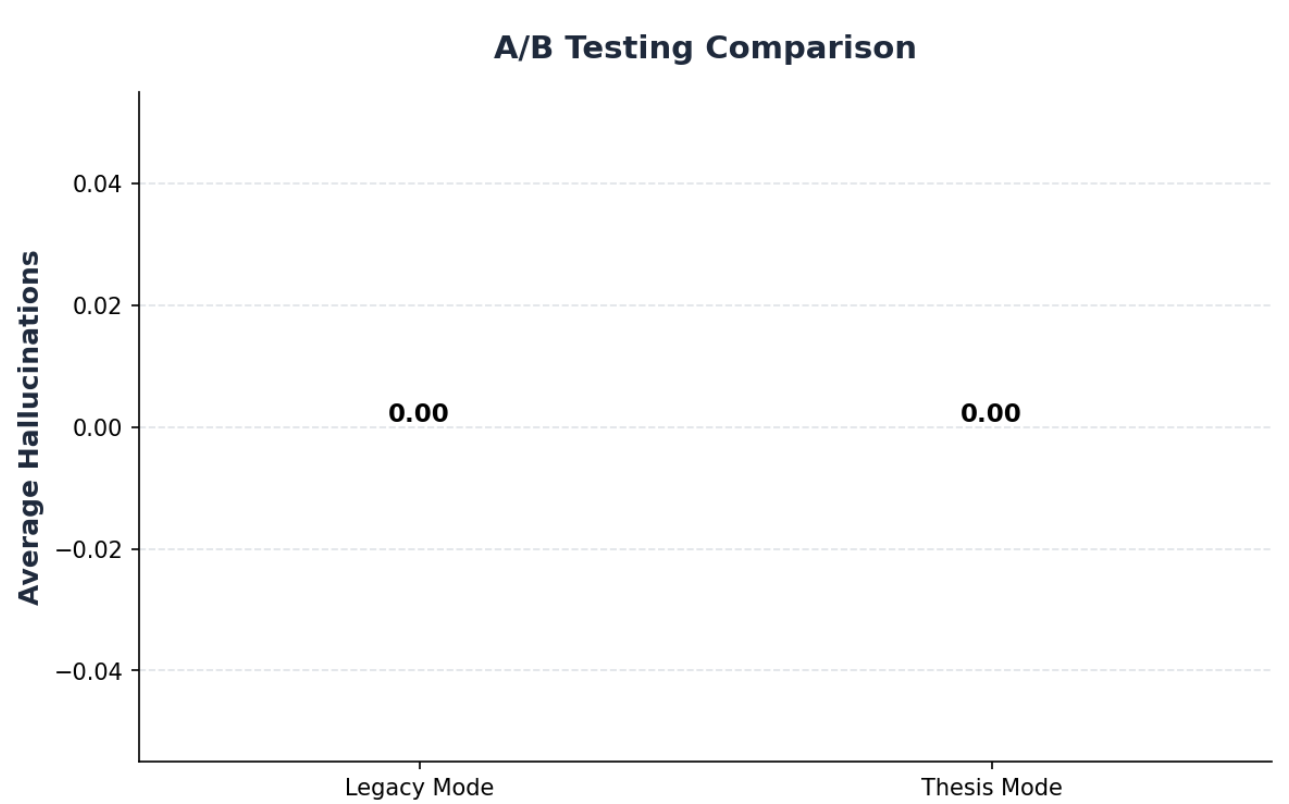
0.00

AVG THESIS HALLUCINATIONS

0.0%

AVERAGE REDUCTION

A/B Testing Comparison



Statistical Significance Analysis

Hypothesis Testing

H0: $\mu_{\text{legacy}} = \mu_{\text{thesis}}$ (No difference)

H1: $\mu_{\text{legacy}} > \mu_{\text{thesis}}$ (Thesis reduces hallucinations)

Metric	Value	Interpretation
Mean Difference	0.000	Legacy - Thesis hallucinations
T-Statistic	nan	Test statistic
P-Value	NAN	Significance level
Cohen's d	0.000	Effect size: Negligible
95% CI	[0.000, 0.000]	Confidence interval
Sample Size	2	Number of scenarios

Refinement Efficiency Analysis



0.00

AVG REFINES PER SCENARIO

0

MAX REFINES NEEDED

100.0%

FIRST ATTEMPT SUCCESS RATE

Cost-Benefit Analysis

54

AVG LEGACY API CALLS

54

AVG THESIS API CALLS

0.0%

OVERHEAD

0

TOTAL PREVENTED

API Call Efficiency



Detailed Results by Scenario

Scenario ID	Legacy Hallucinations	Thesis Hallucinations	Hallucinations Prevented	Thesis Refines
SCEN-000	0	0	0	0
SCEN-001	0	0	0	0