

Figure 3: Experimental Pipeline (S3→S6)

Nyquist Consciousness Validation Flow

S3

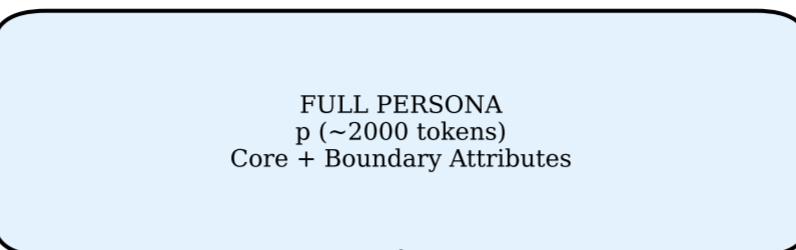
Compression

Reconstruction

Measurement

S6

Synthesis



$C(p)$



$R^c()$
CLAUDE
Opus 4.5

$R^g()$
GPT
GPT-4o

$R^m()$
GEMINI
2.0 Flash

$R^x()$
GROK
Grok-2

DRIFT MEASUREMENT
 $D_a(t) = ||E(R_t) - E(R_{baseline})||$
 $PF\bar{I} = 1 - D$

Key Statistics:
Compression: 40%
Fidelity: ≥80%
Architectures: 4+
Total runs: 21
Ships tested: 42+
Chi-square p: 4.8×10^{-5}

VALIDATION: $\sigma^2 = 0.000869$ | $\rho = 0.91$ | $d = 0.98$

Ω SYNTHESIS
 $M_\Omega = \sqcup R^a(C(p))$
45% drift reduction

STABILITY ACHIEVED
97.5% with context damping | Event Horizon: $D \approx 1.23$