RTM Scaling: T ∝ L^α per Layer

Layer 0
Layer 1
Layer 2
Layer 3

log₁₀(T)

log₁₀(L)

S1: Monotone Coherence Across Layers

True α
Estimated α

Coherence Exponent α

Layer n

S1 Test: ✓ PASS

Adjacent Layer Differences

Δα = α_{n+1} - α_n

-ε_tol = -0.05

0→1
1→2
2→3

Layer Transition

Intercepts: Level Factors (Not Coherence)

True log₁₀(c_n)
Estimated intercept

Intercept (log₁₀ scale)

Layer n