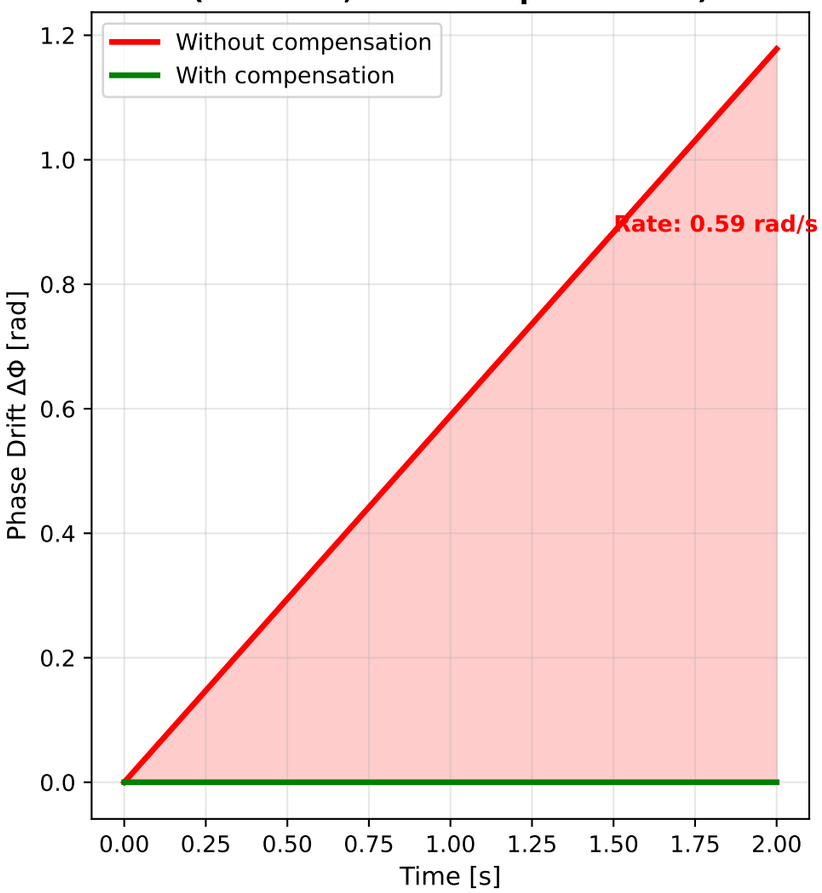
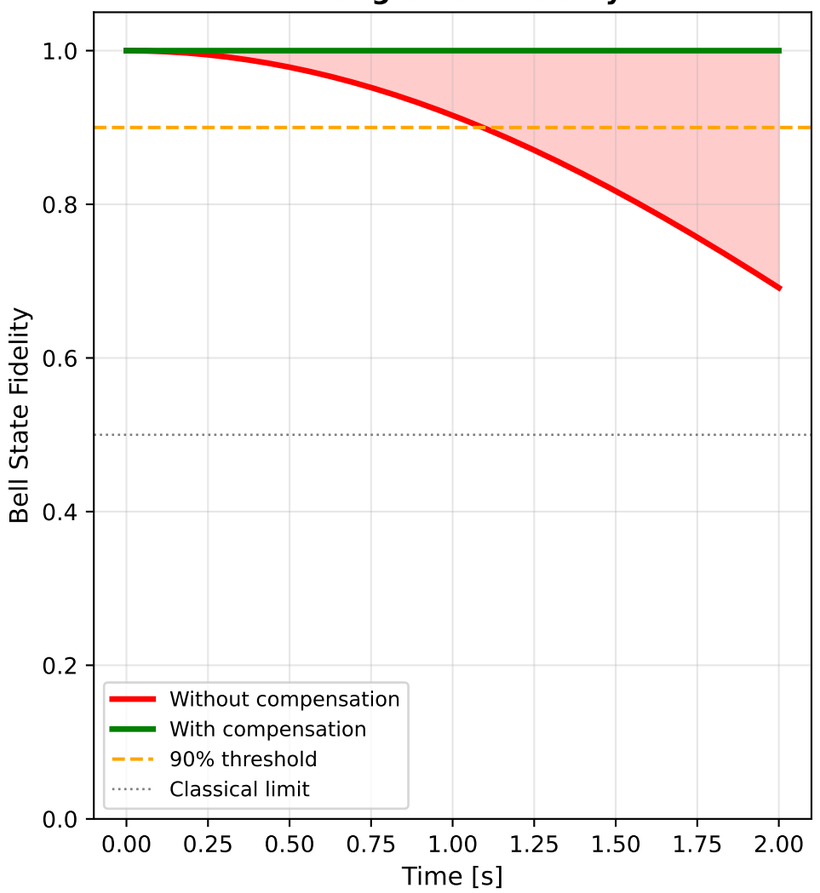
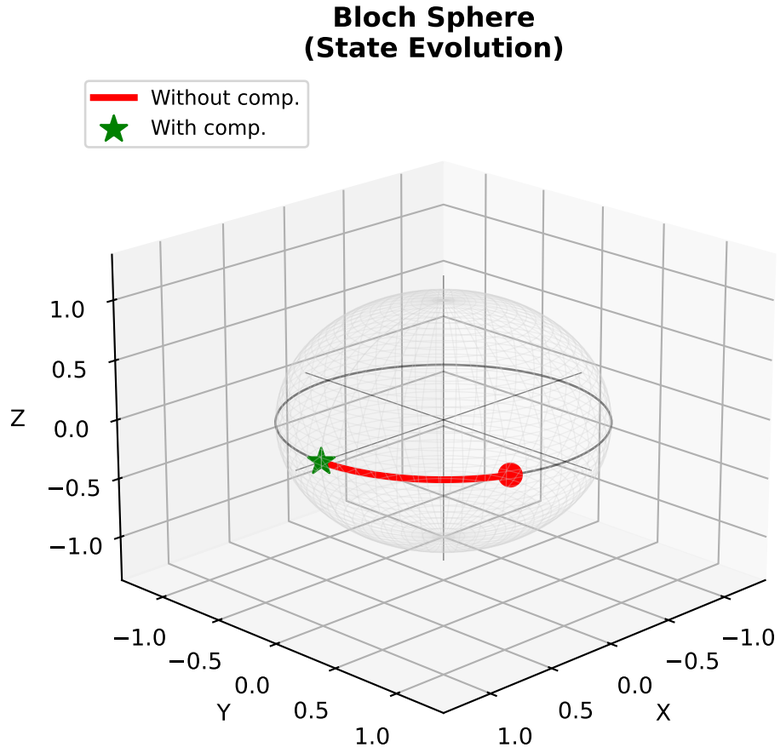






Protocol Steps

1 PREPARE

Bell state $|\Phi^+\rangle = (|00\rangle+|11\rangle)/\sqrt{2}$
at heights h and h+Δh

2 EVOLVE (A)

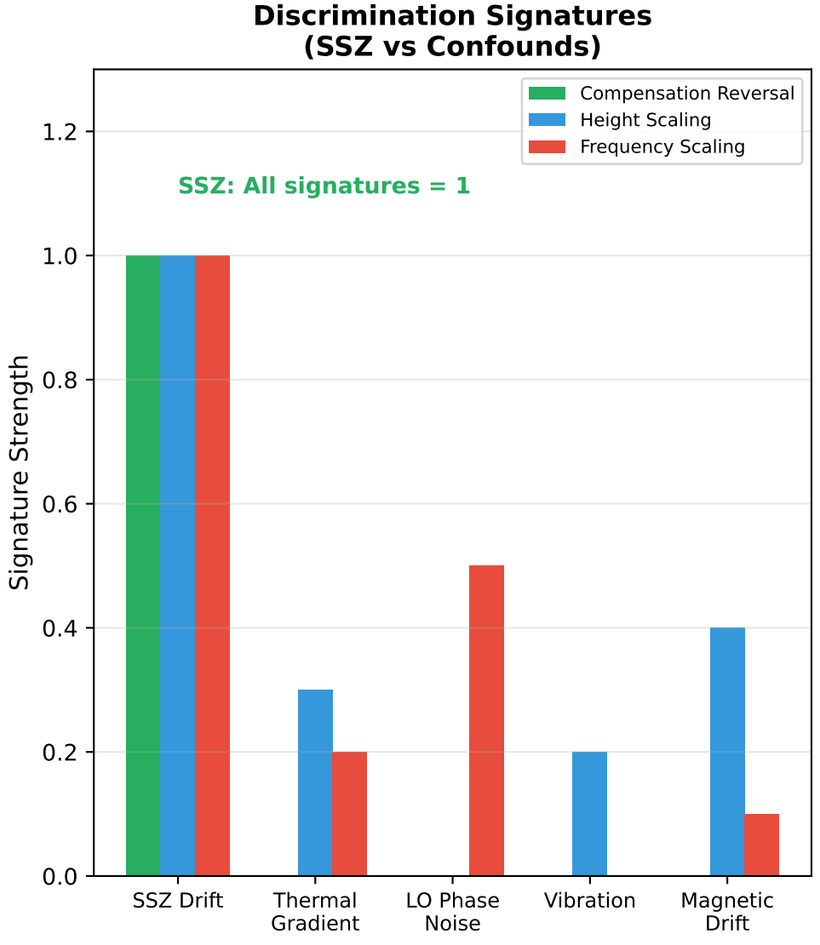
WITHOUT compensation
Measure phase drift ΔΦ_measured

3 EVOLVE (B)

WITH compensation Φ_corr
Expect ΔΦ ≈ 0

4 COMPARE

If SSZ: Δ(A) matches prediction,
Δ(B) ≈ 0



Why Compensation Matters

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KEY DISCRIMINATOR

Compensation Reversal:

• SSZ: Apply Φ_corr → drift cancels

• Confounds: Apply Φ_corr → no effect

IF drift cancels exactly with SSZ
formula, THEN gravitational coupling
is confirmed.

IF drift persists, THEN confound
dominates.
```