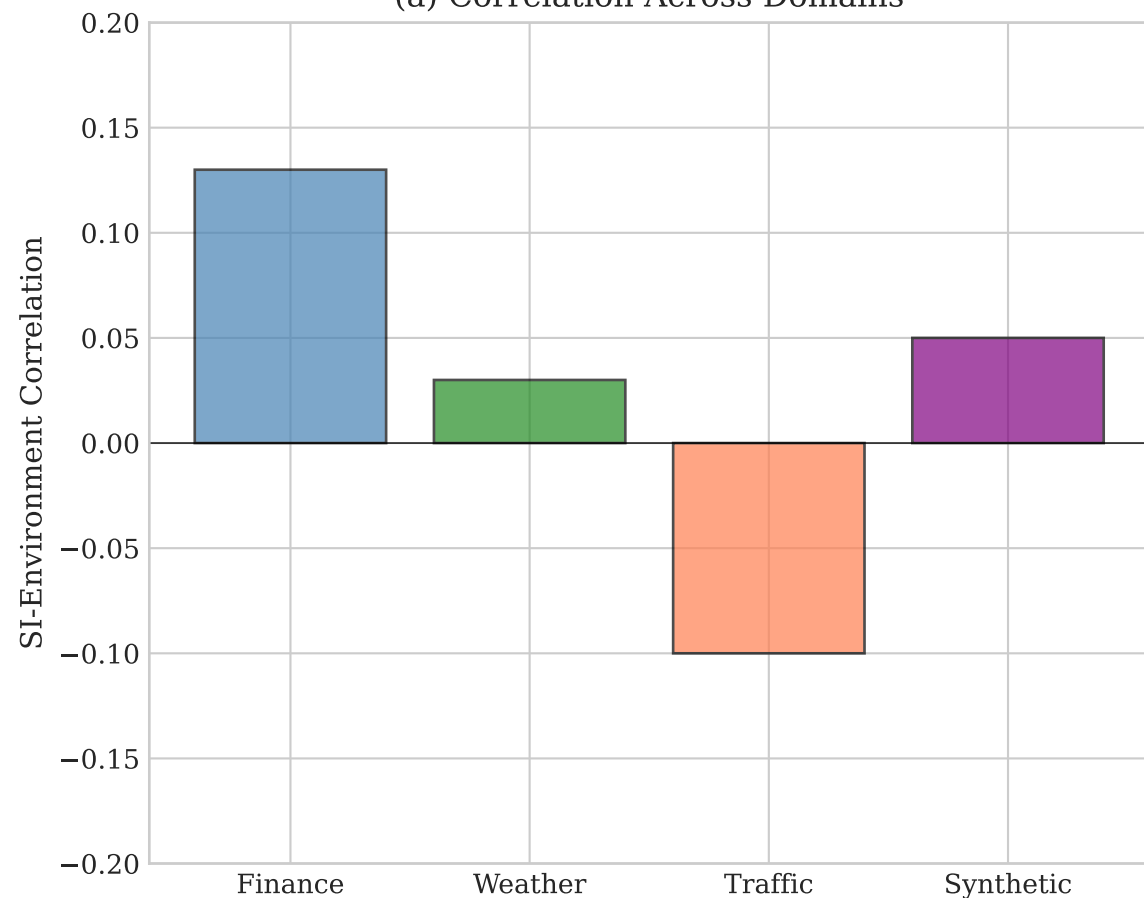
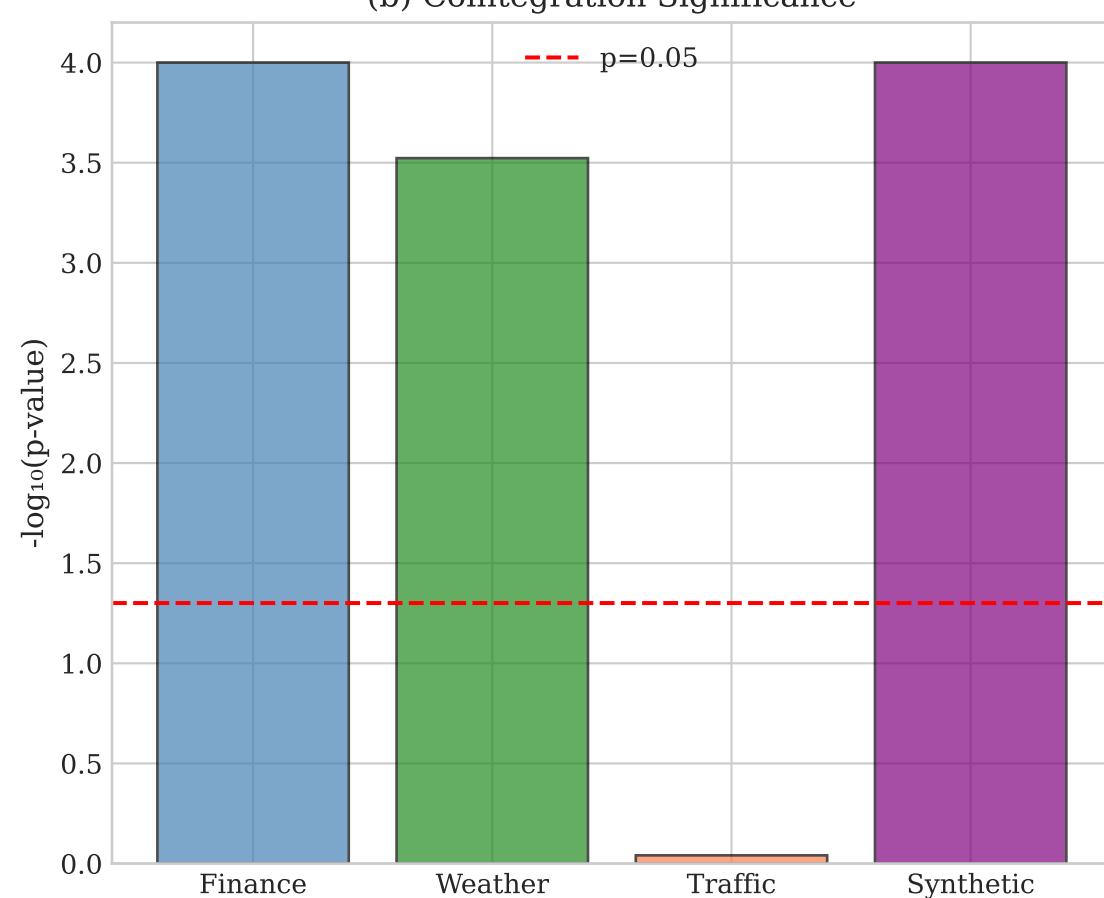


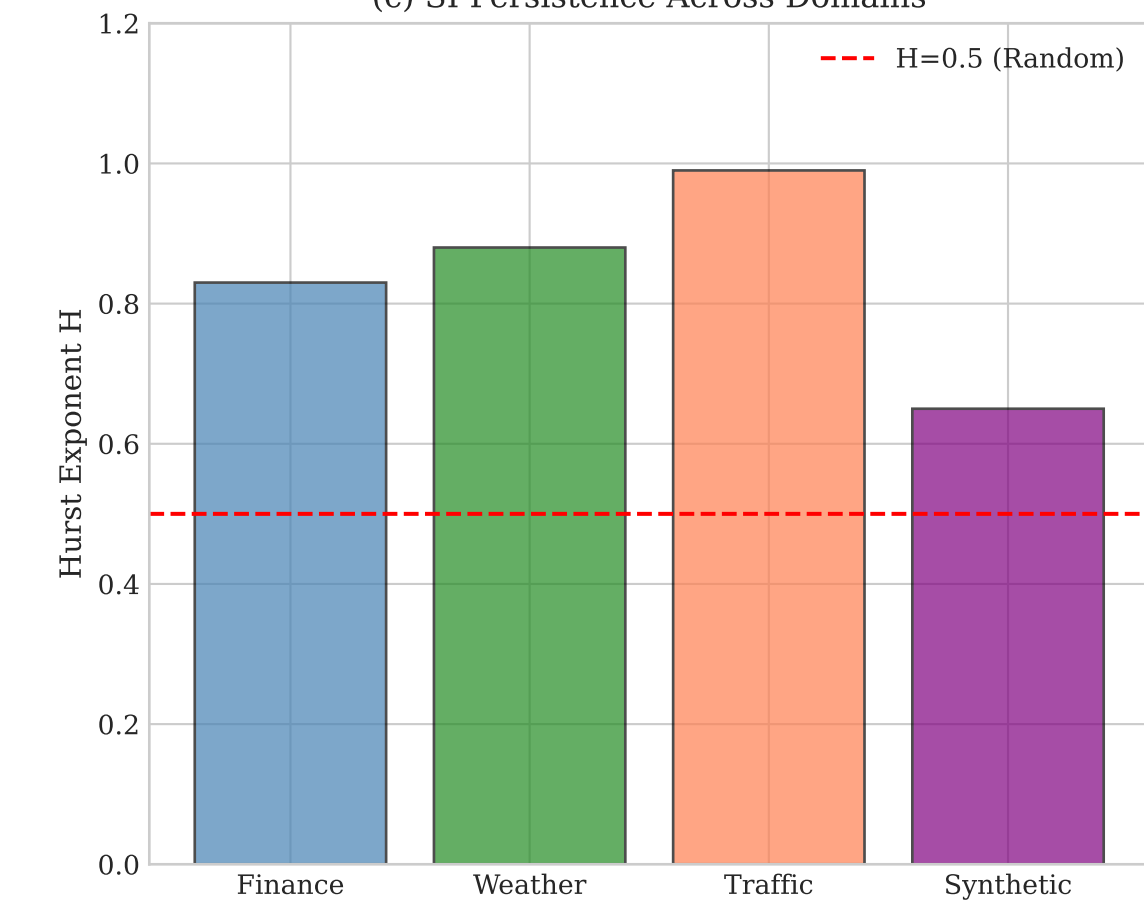
(a) Correlation Across Domains



(b) Cointegration Significance



(c) SI Persistence Across Domains



(d) Summary

BLIND SYNCHRONIZATION EFFECT Cross-Domain Summary

- ✓ Finance: Cointegrated ($p < 0.0001$)
- ✓ Weather: Cointegrated ($p = 0.0003$)
- ✗ Traffic: Not cointegrated ($p = 0.91$)
- ✓ Synthetic: Cointegrated ($p < 0.0001$)

Key Finding:
Effect is strongest when signal-to-noise ratio is high. Traffic domain may lack sufficient signal at daily aggregation.

Hurst $H > 0.8$ in all domains indicates universal SI persistence.