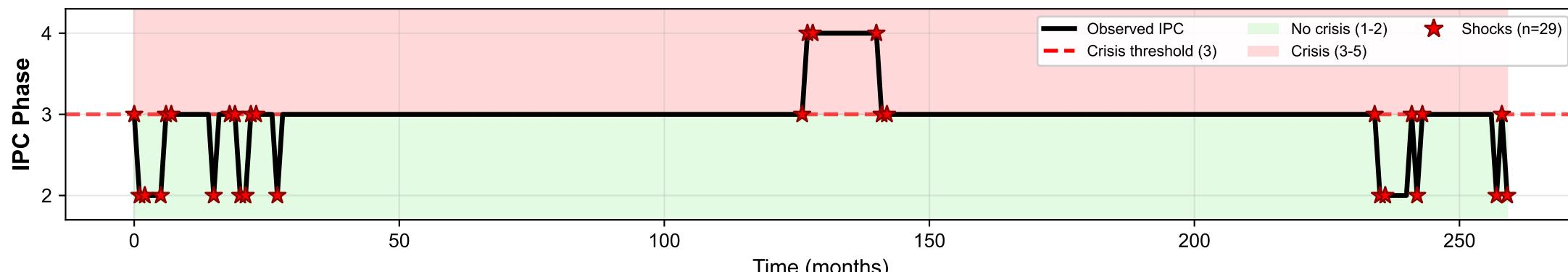
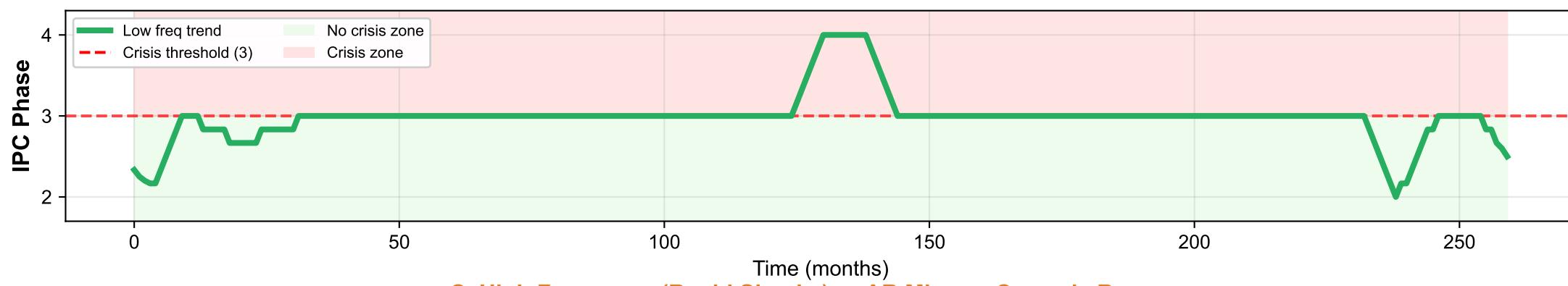


Frequency Decomposition: AR Captures Persistence, Cascade Adds Shock Detection

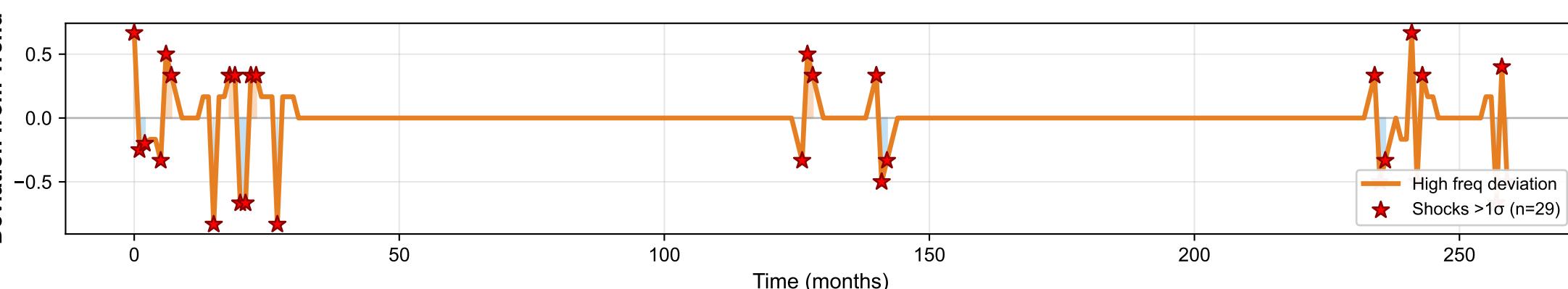
A. Observed IPC Phase: Kenya, Northern Pastoral Zone



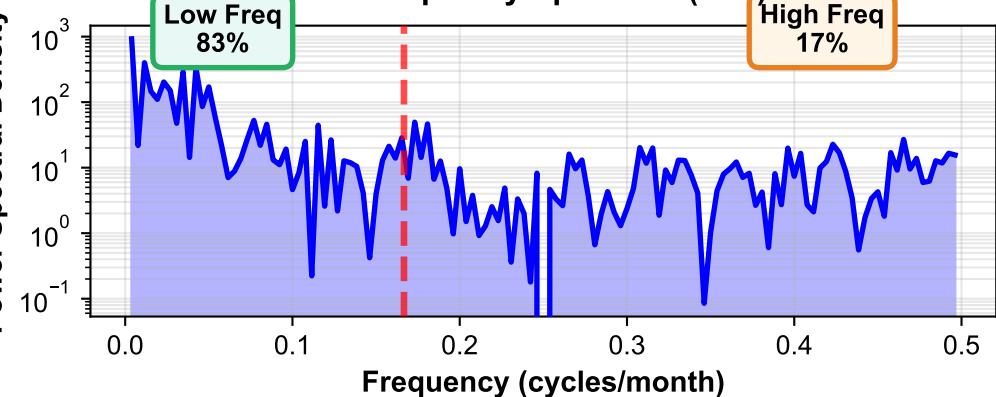
B. Low Frequency (Structural Persistence) — AR Baseline Captures



C. High Frequency (Rapid Shocks) — AR Misses, Cascade Rescues



D. Frequency Spectrum (FFT)



E. Summary

TWO-STAGE DEPLOYMENT

Low Freq (83%): Persistence
AR catches 73.2%

High Freq (17%): Shocks
Cascade +249 saves

29 shocks | 260 periods
Kenya