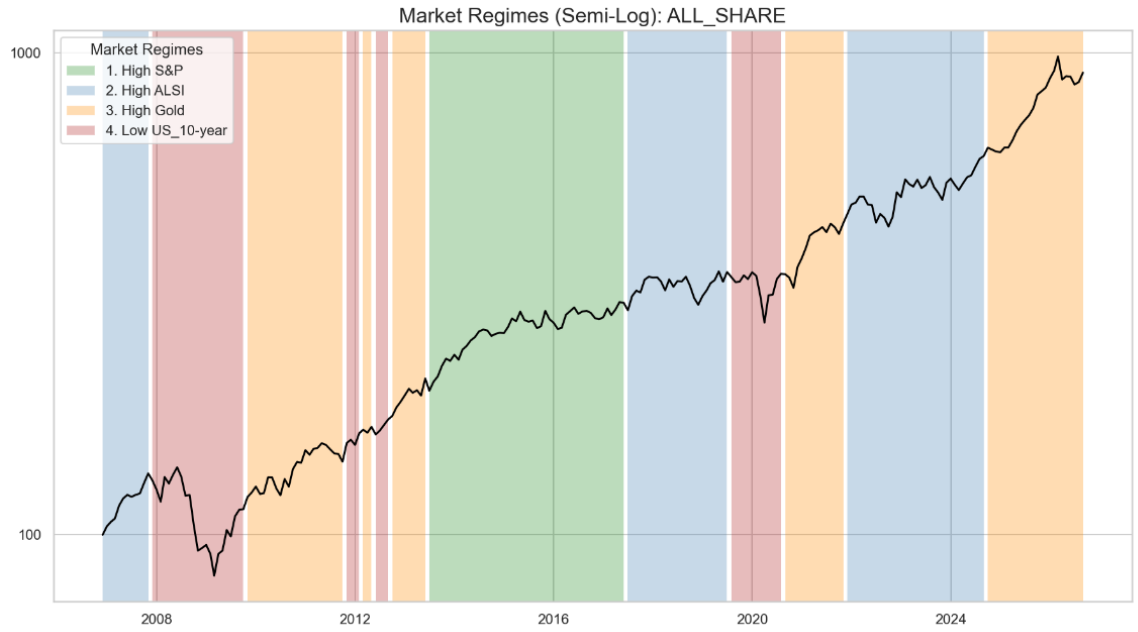
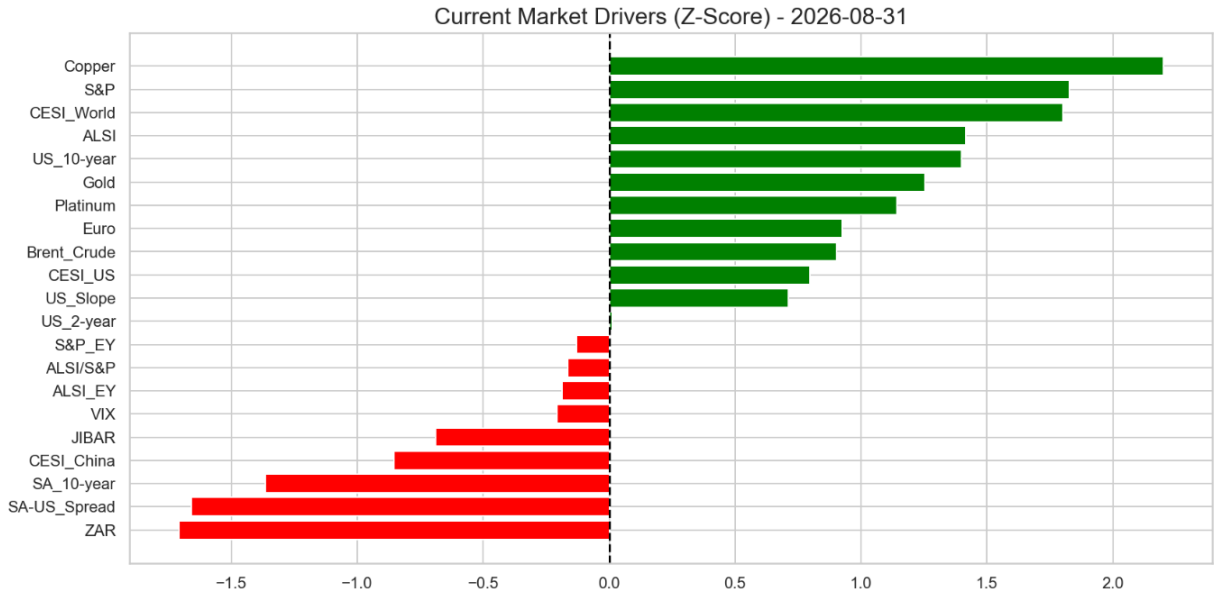
APPENDIX: SYSTEM DIAGNOSTICS

A. Market State Classification



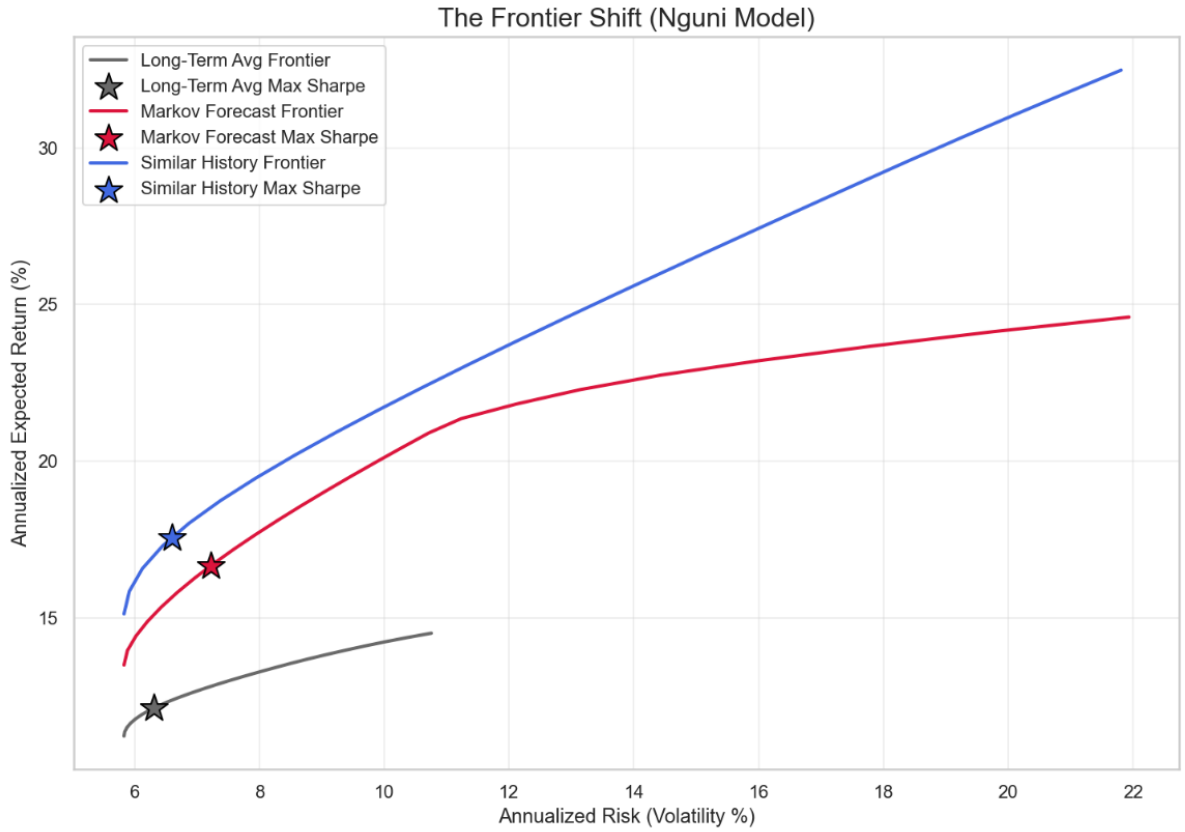
System Note: This visualisation maps the timeline of historical market regimes against local equity performance. It highlights my current stabilisation within the "High Gold" regime.

B. Input Drivers



System Note: This displays how far current economic variables are stretching from their normal trends. Copper, global equities, international economic surprises, and the ZAR are registering as extreme statistical outliers, prompting my models to adjust portfolio weights accordingly.

C. Efficient Frontier Shift



System Note: A plot comparing the standard risk curve versus my dynamically adjusted risk curve. It visually demonstrates how shifting the portfolio weights mathematically improves the opportunity for returns over a 12-month holding period.