

# Market Regime Analysis Report

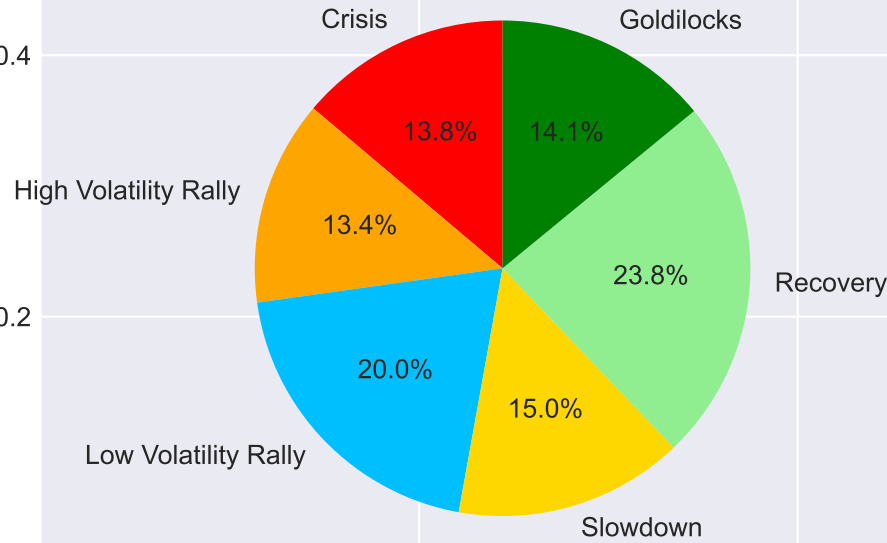
Regime Distribution

Regime	Days	Percentage
Crisis	61	13.8%
High Volatility Rally	59	13.4%
Low Volatility Rally	88	20.0%
Slowdown	66	15.0%
Recovery	105	23.8%
Goldilocks	62	14.1%

Average Cluster Characteristics

	Return	VIX Vol	Yield Slope	Liquidity Δ
0	35.26	13.48	-0.35	-5.73
3	21.82	18.89	0.02	-4.0
2	5.13	16.75	0.21	-4.62
4	-4.51	24.95	0.44	1.4
5	37.89	16.86	0.52	1.66
1	18.03	16.97	0.59	-7.54

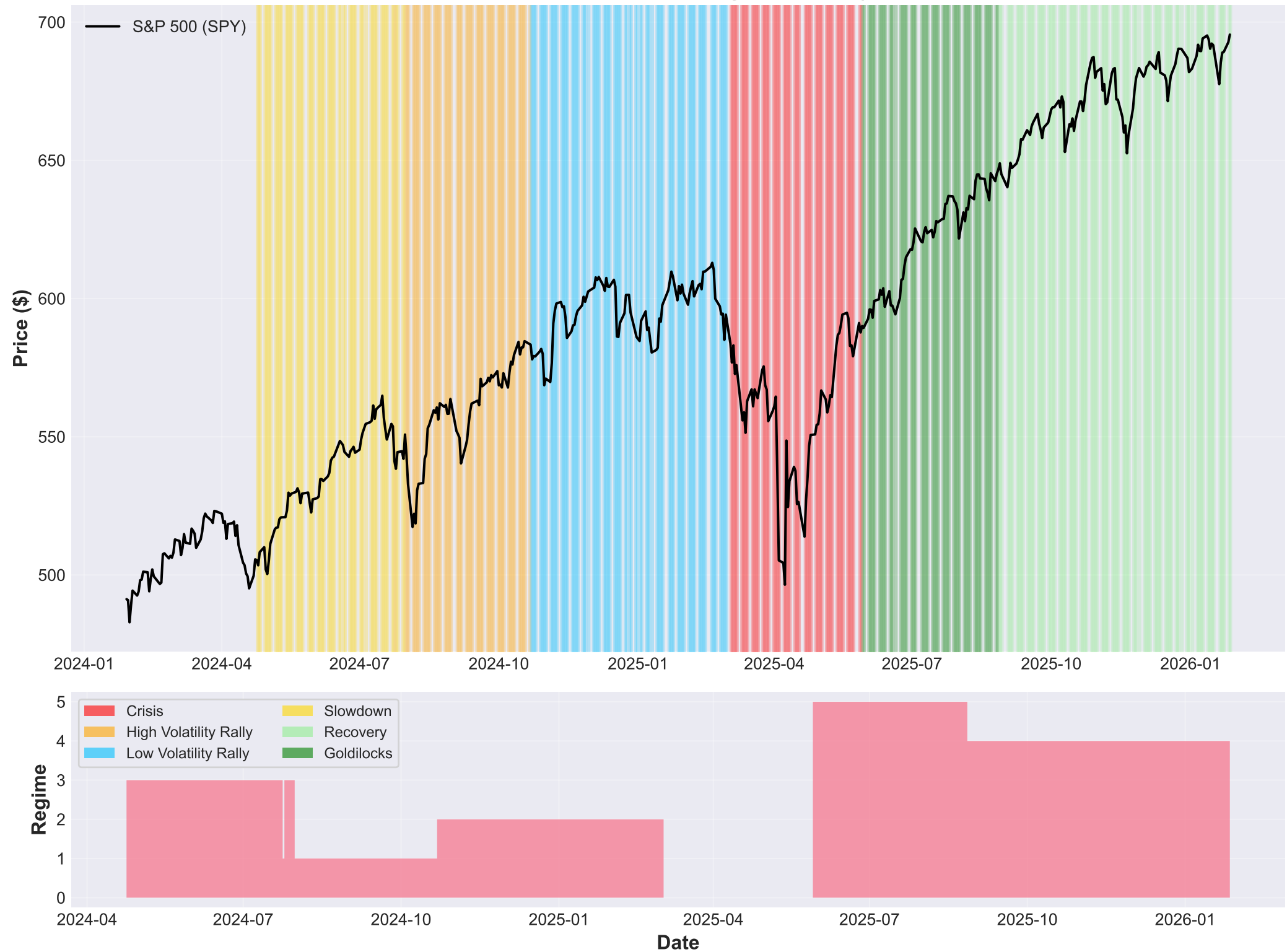
Regime Time Allocation



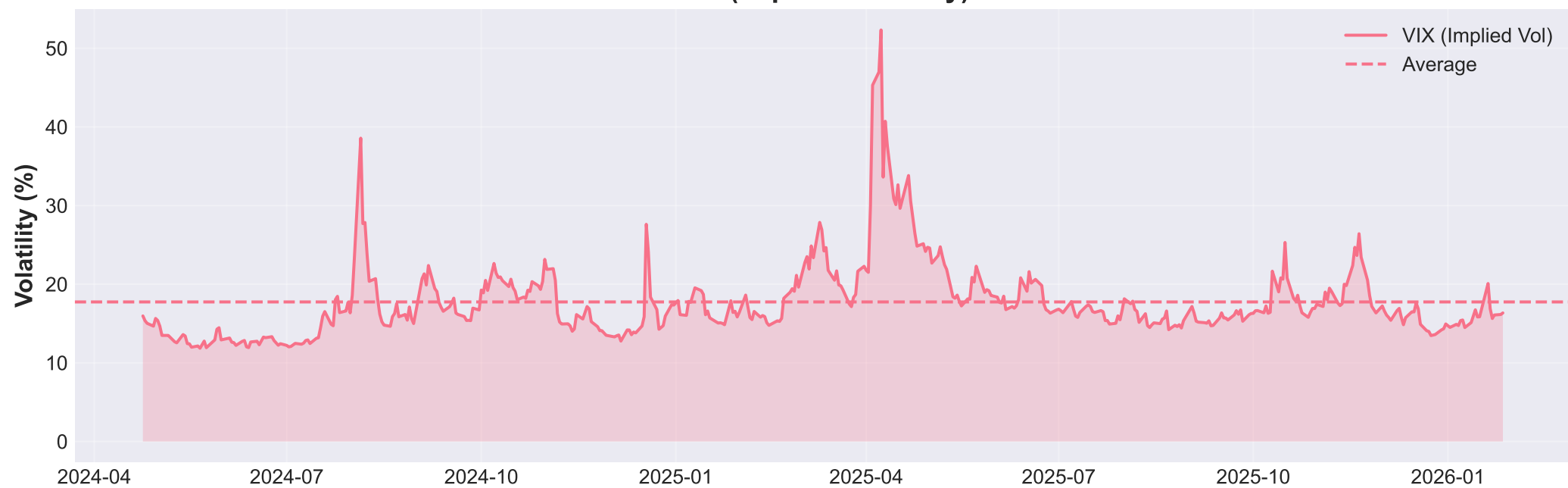
Key Insights:

- Current: Recovery
- Most Common: Recovery (23.8%)
- Total Regimes (labels present): 6

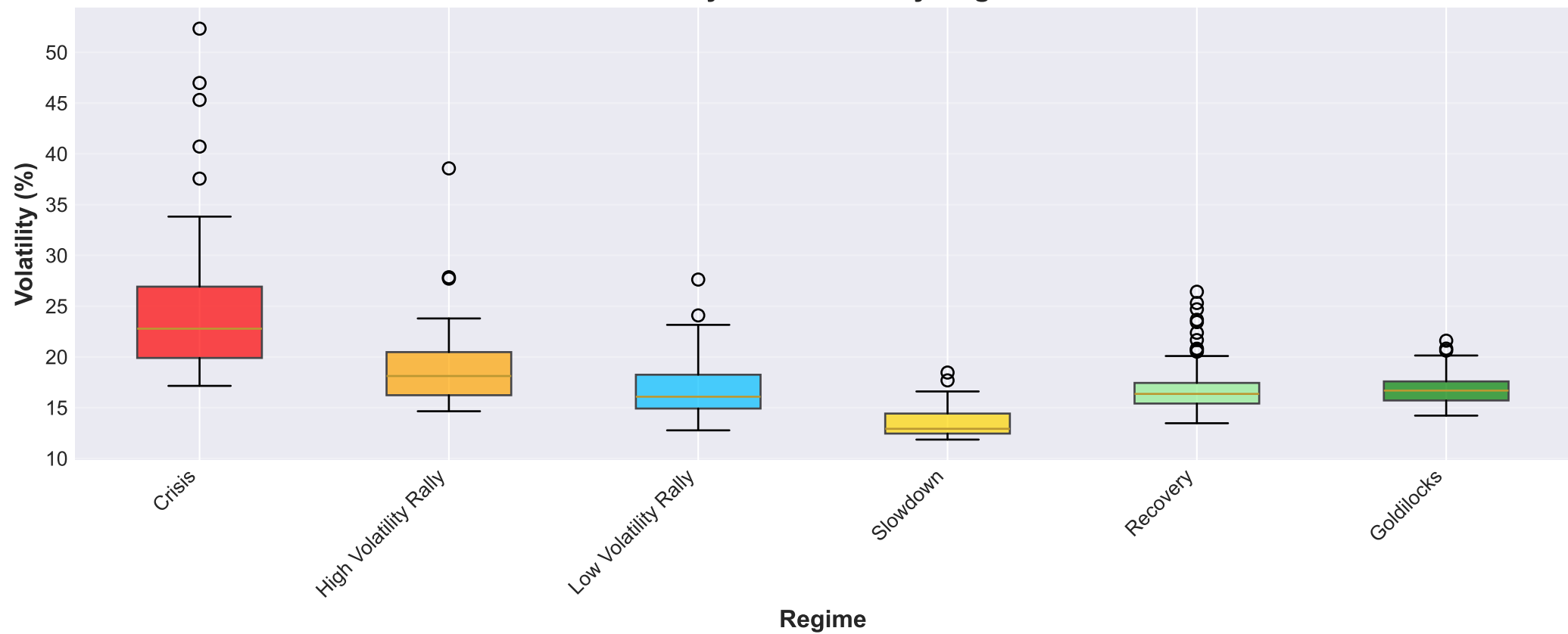
# S&P 500 Price with Regime Overlay



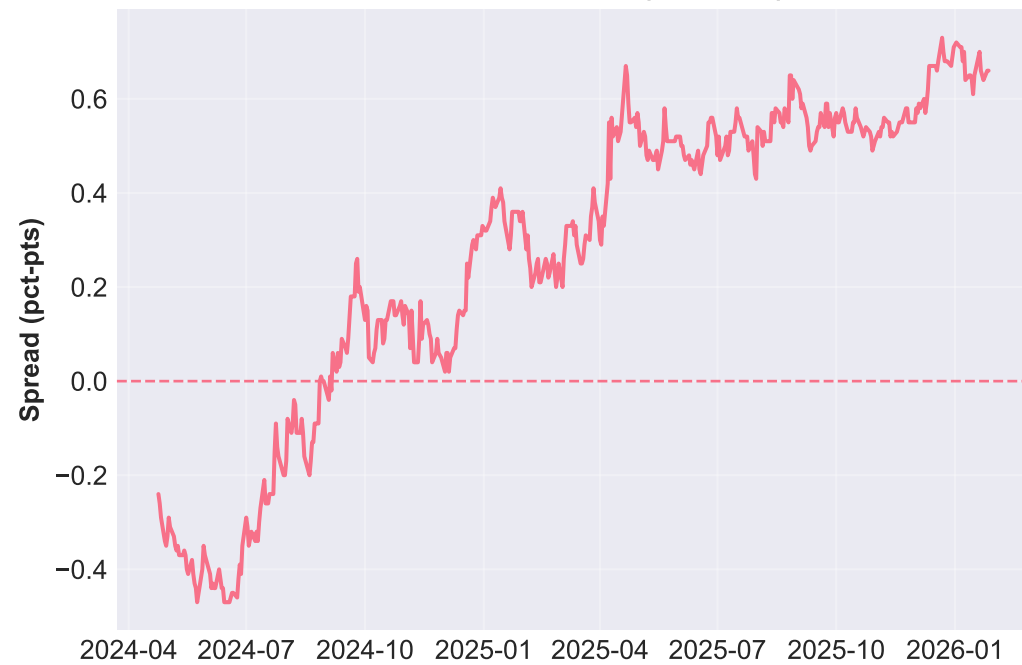
## VIX (Implied Volatility)



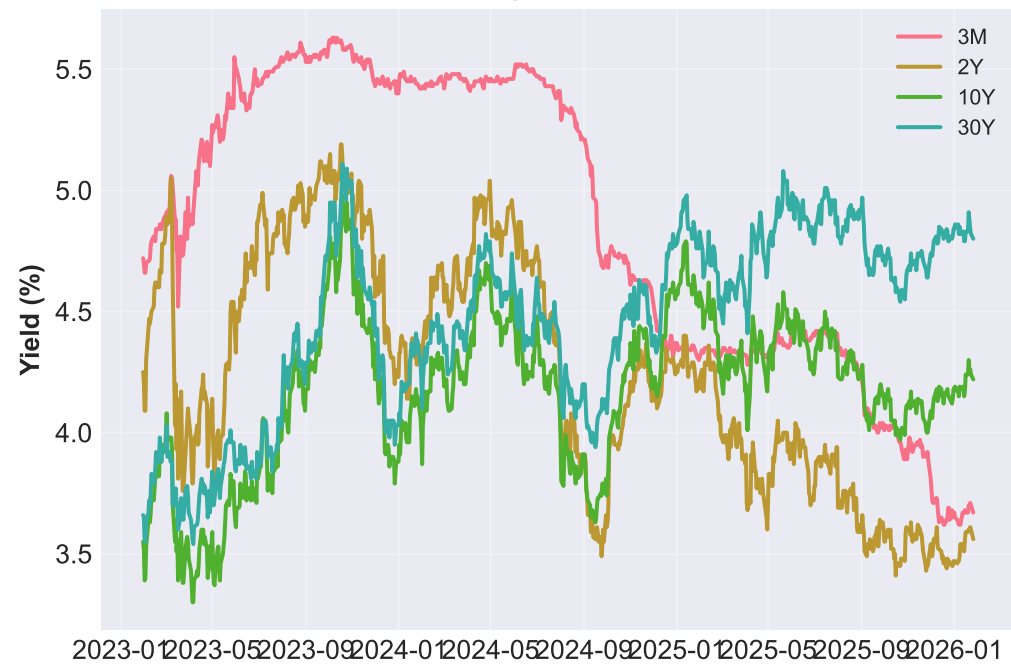
## Volatility Distribution by Regime



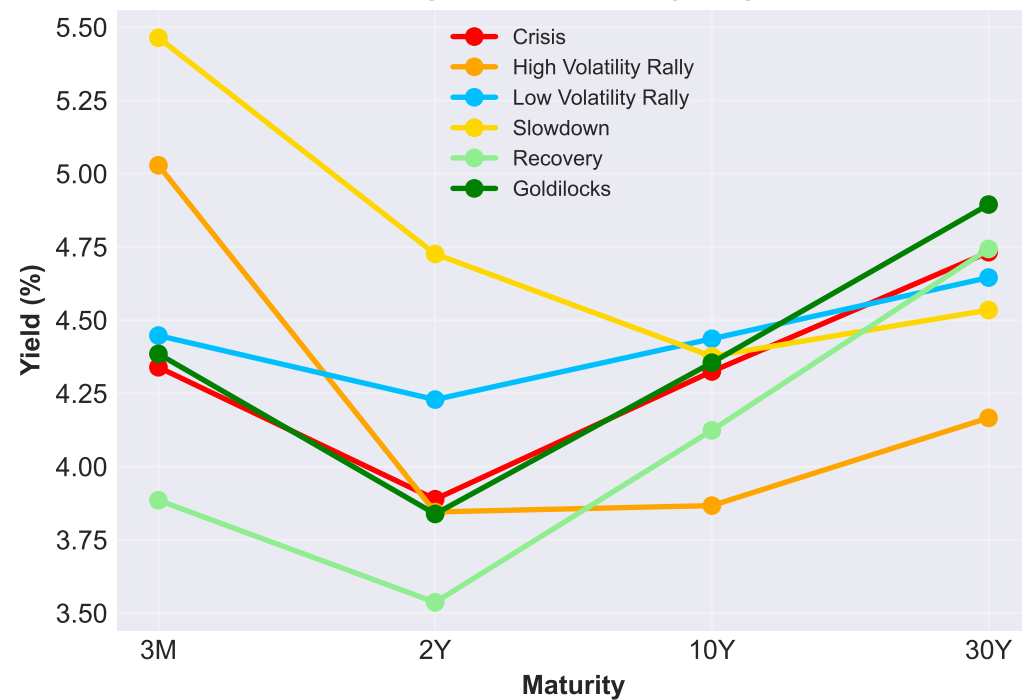
Yield Curve Slope (10Y - 2Y)



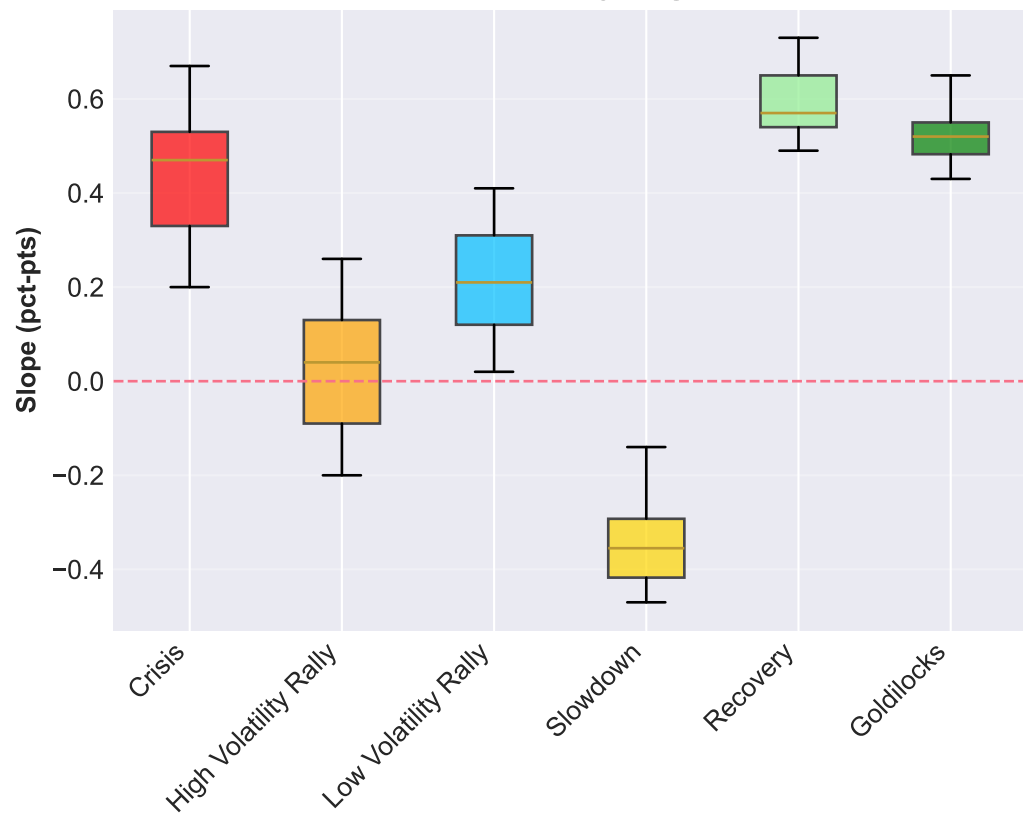
Treasury Yield Levels



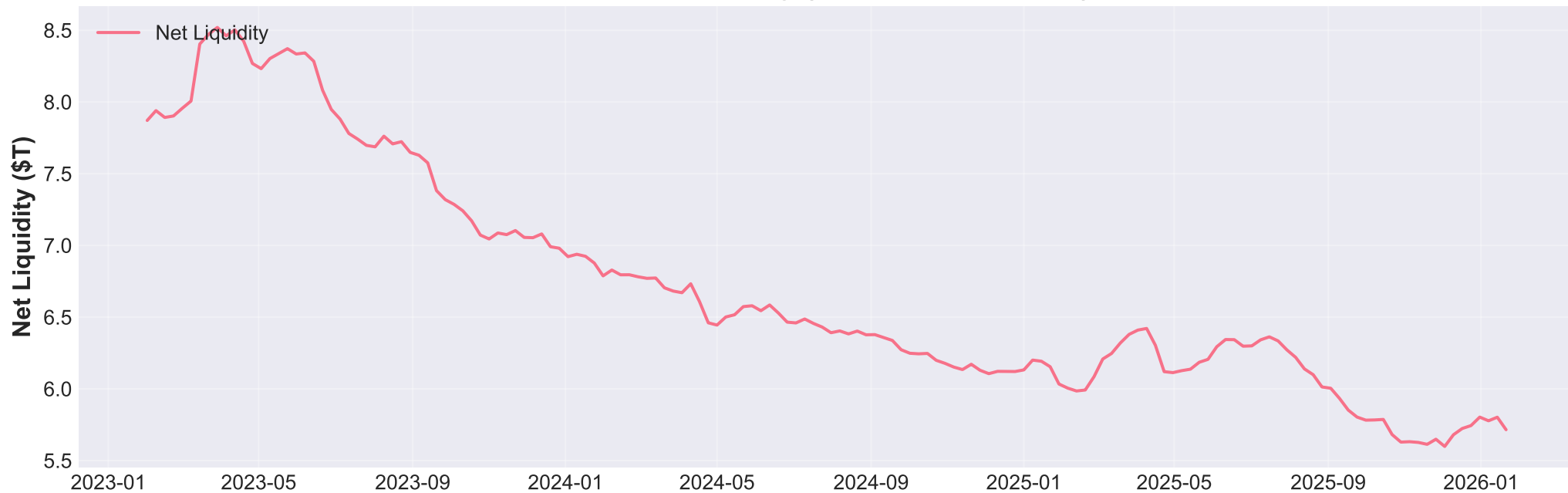
Average Yield Curve by Regime



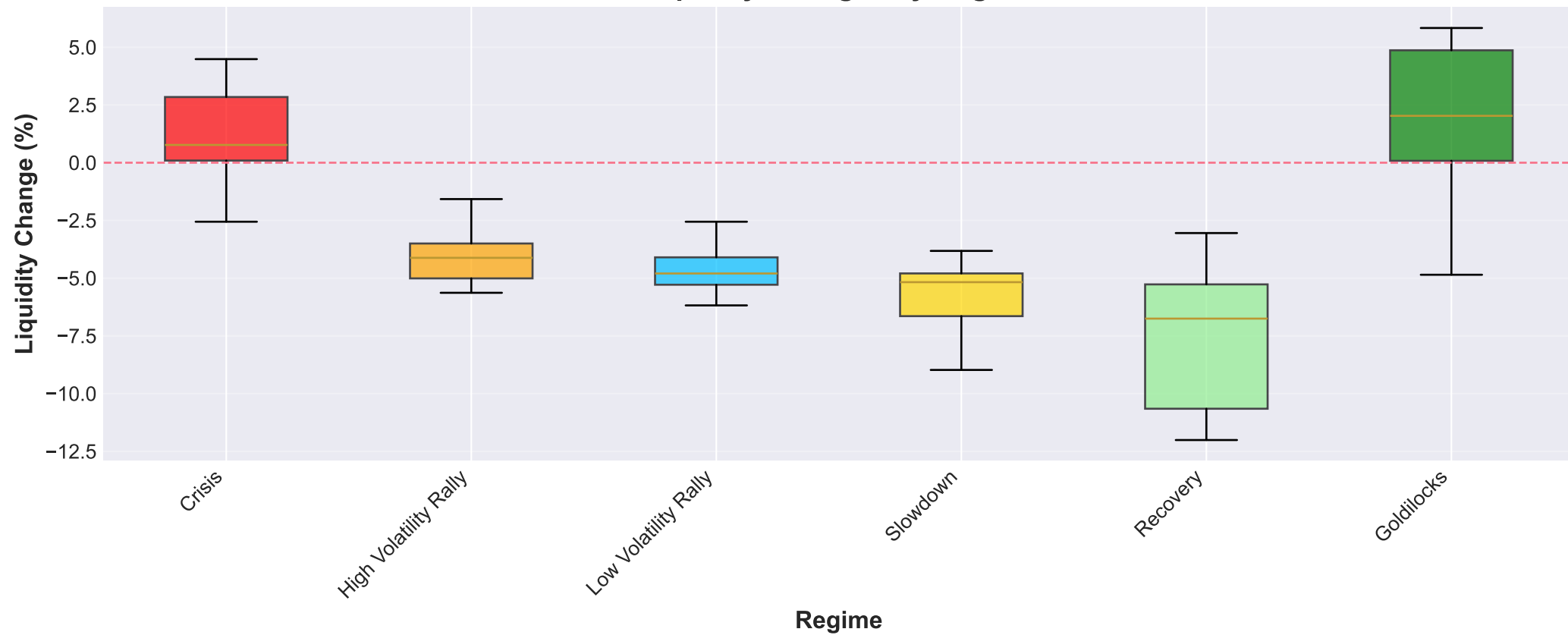
Yield Slope by Regime



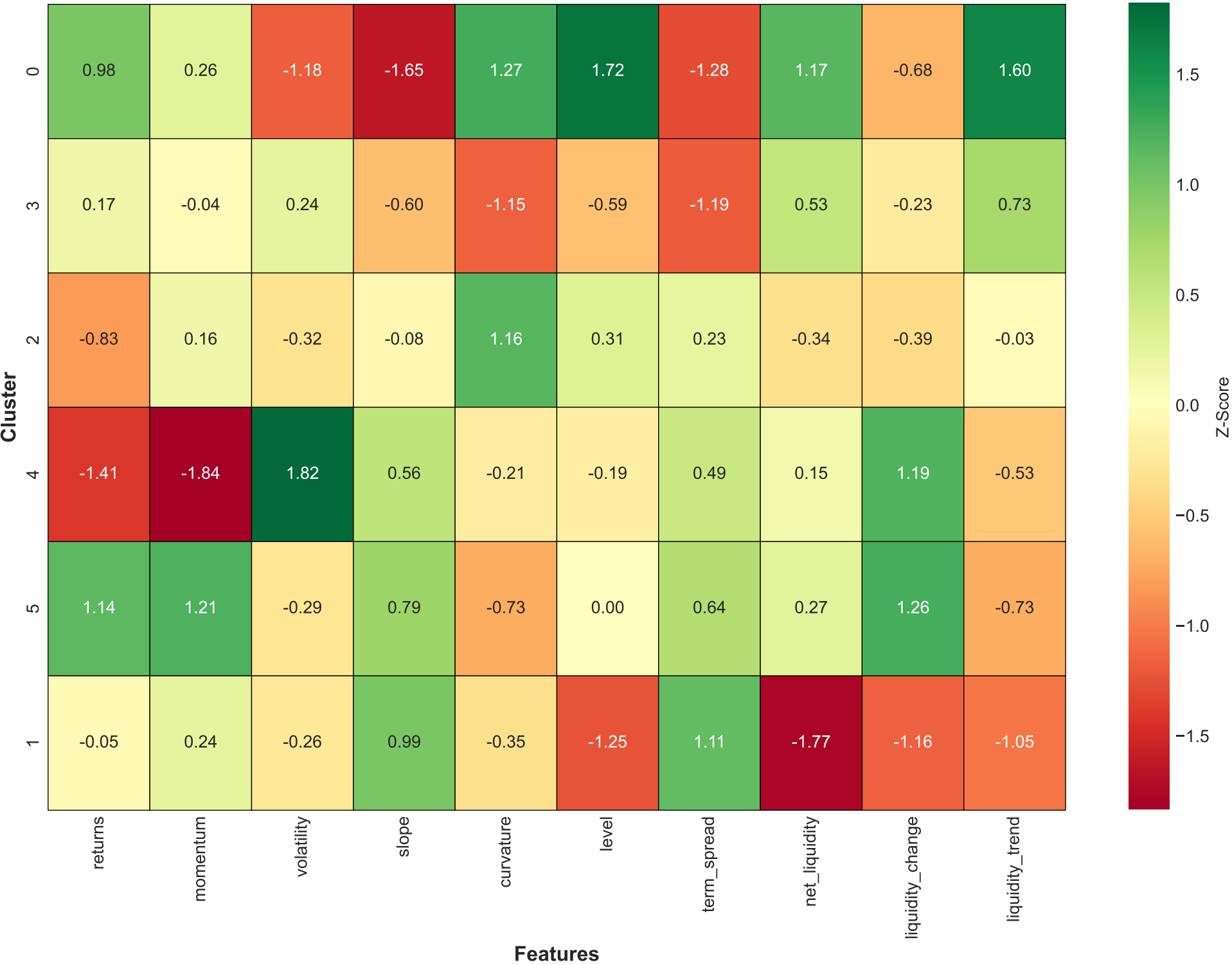
# Fed Net Liquidity (Assets - RRP - TGA)



## Liquidity Changes by Regime



Cluster Characteristics Heatmap (Normalized)



Regime Transition Probability Matrix

Current Regime



Probability (%)

