

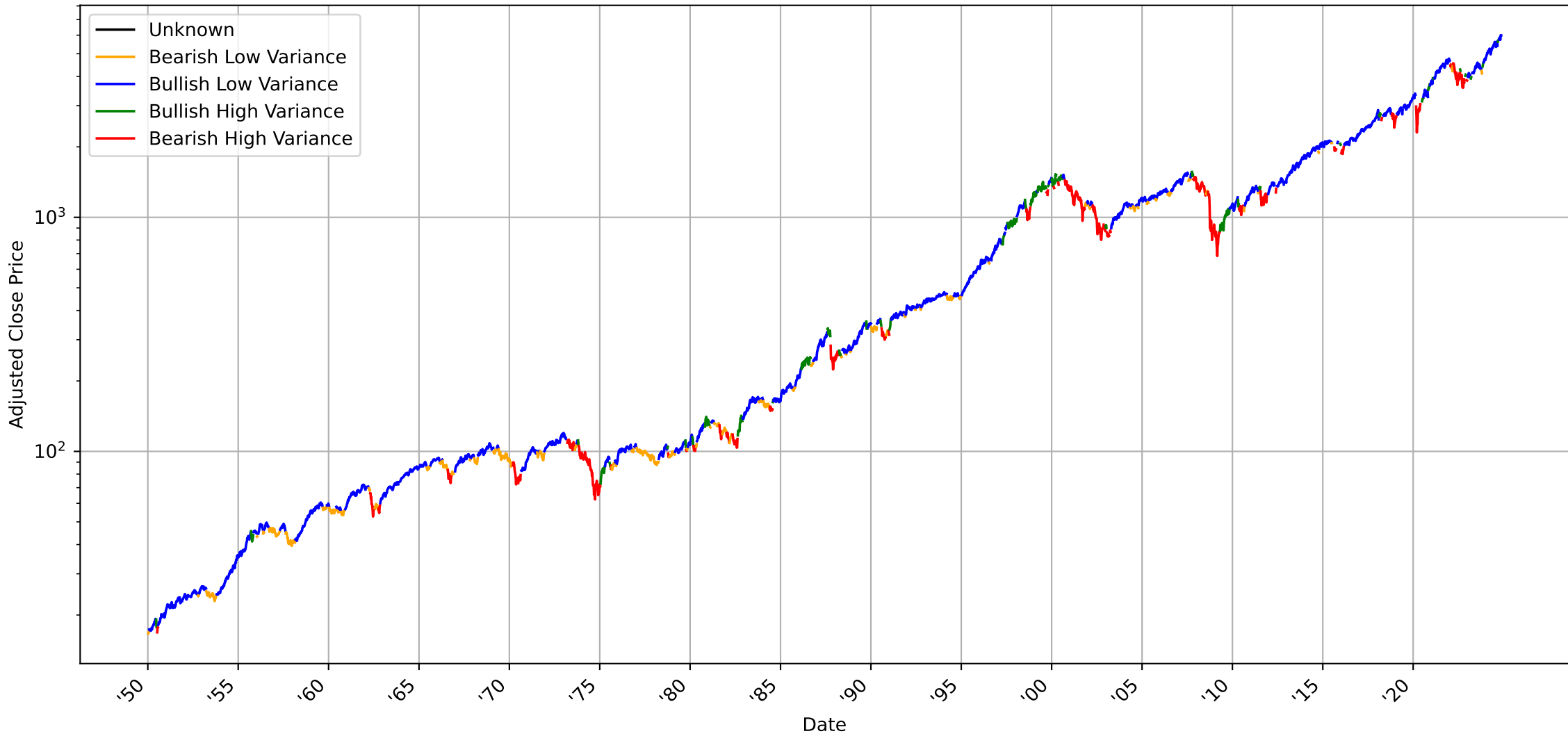
GSPC

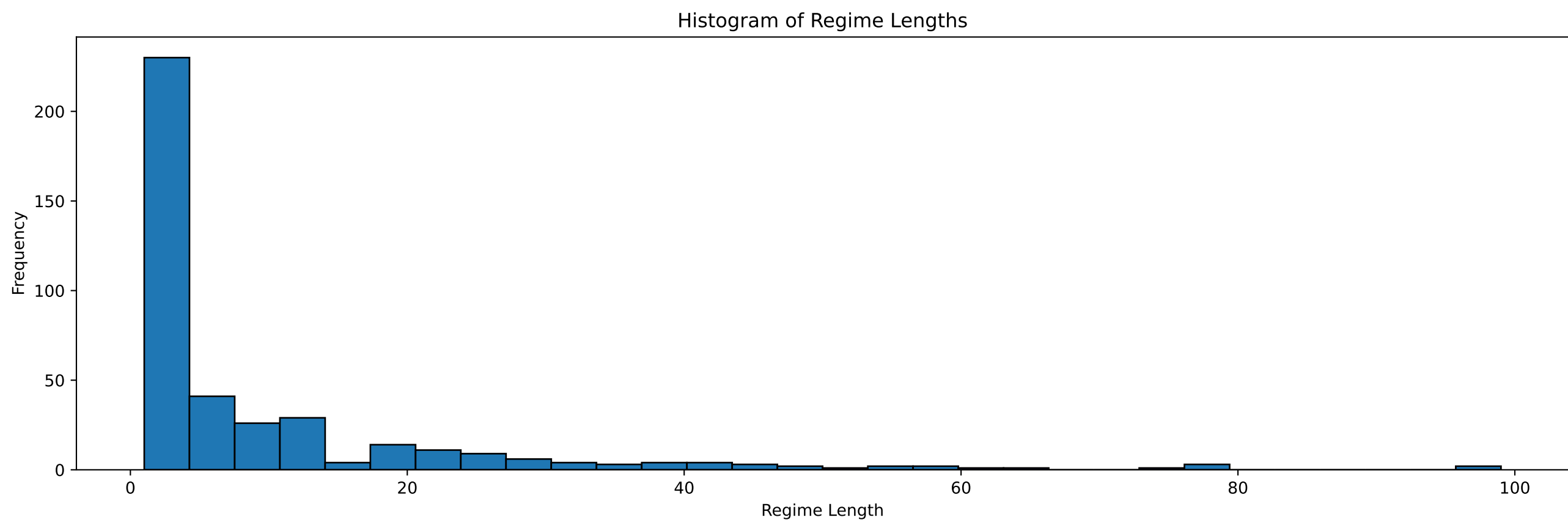
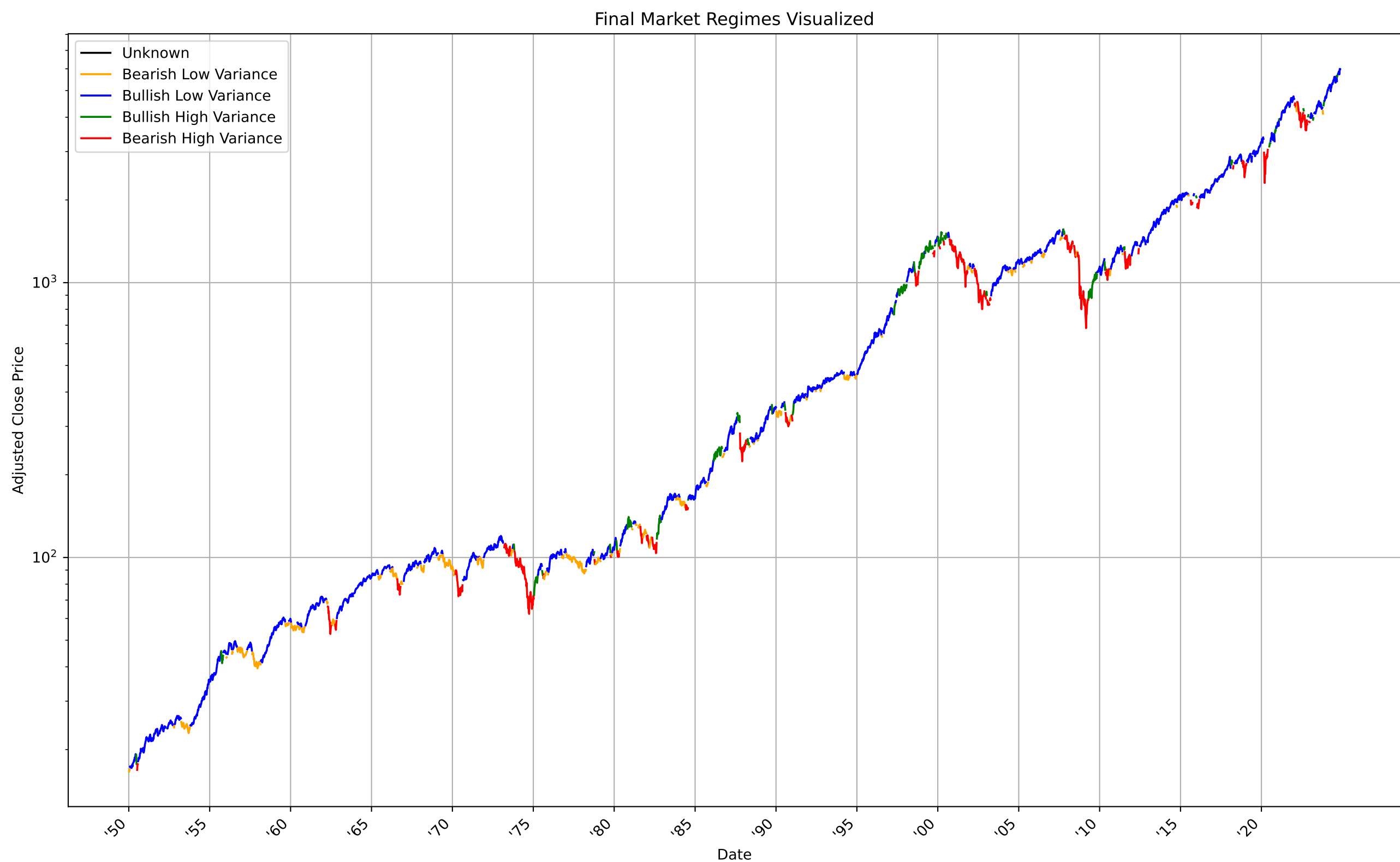
01/01/1950 - 11/13/2024

## Performance Statistics

Statistic	Strategy	Market
CAGR	27.1479498484%	8.1396954371%
Max Drawdown	-33.44%	-56.24%
Sharpe Ratio	1.45	0.39
Sortino Ratio	2.72	0.79
Information Ratio	1.36	nan
Exposure >= 1	78.81%	nan

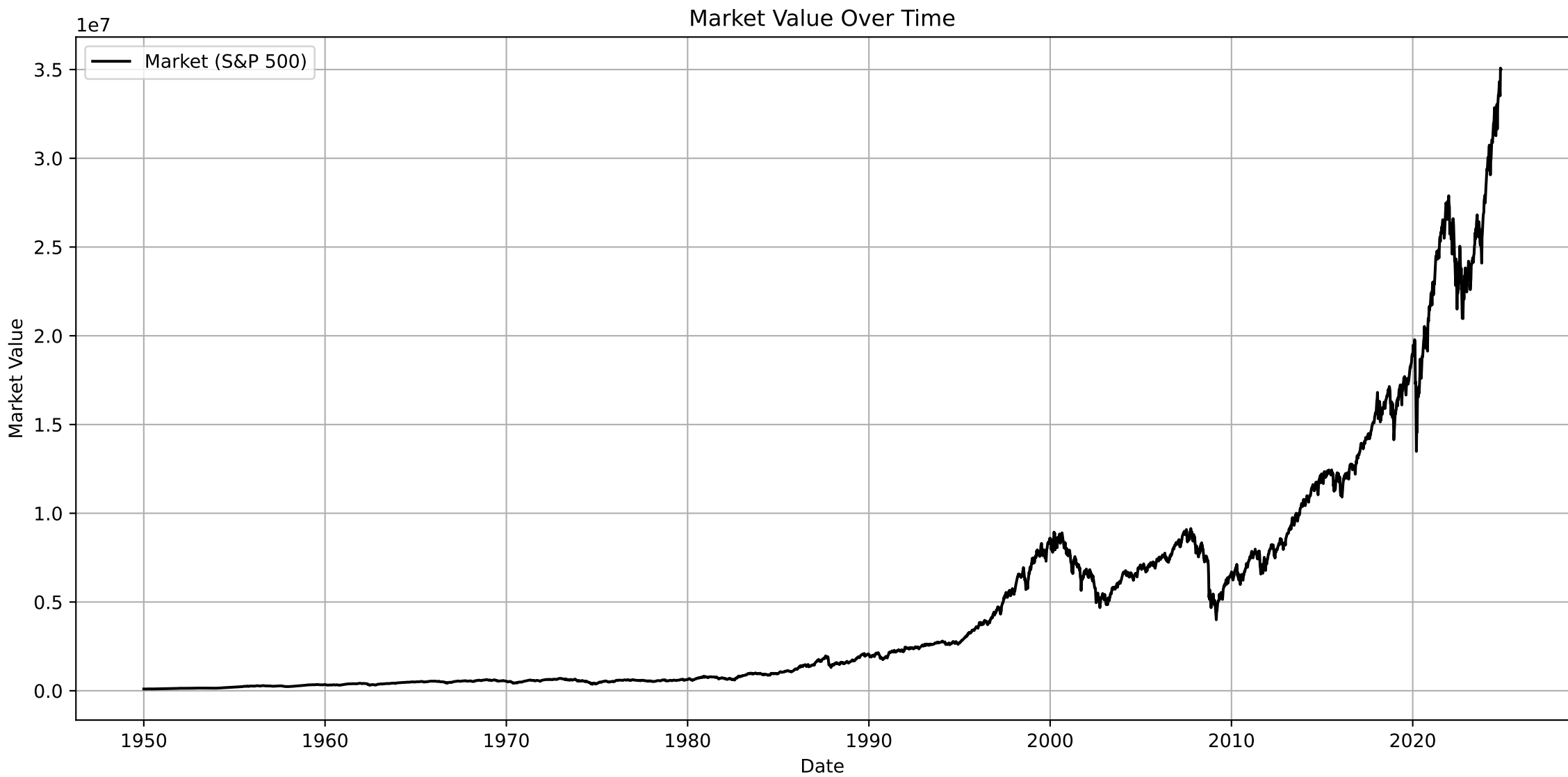
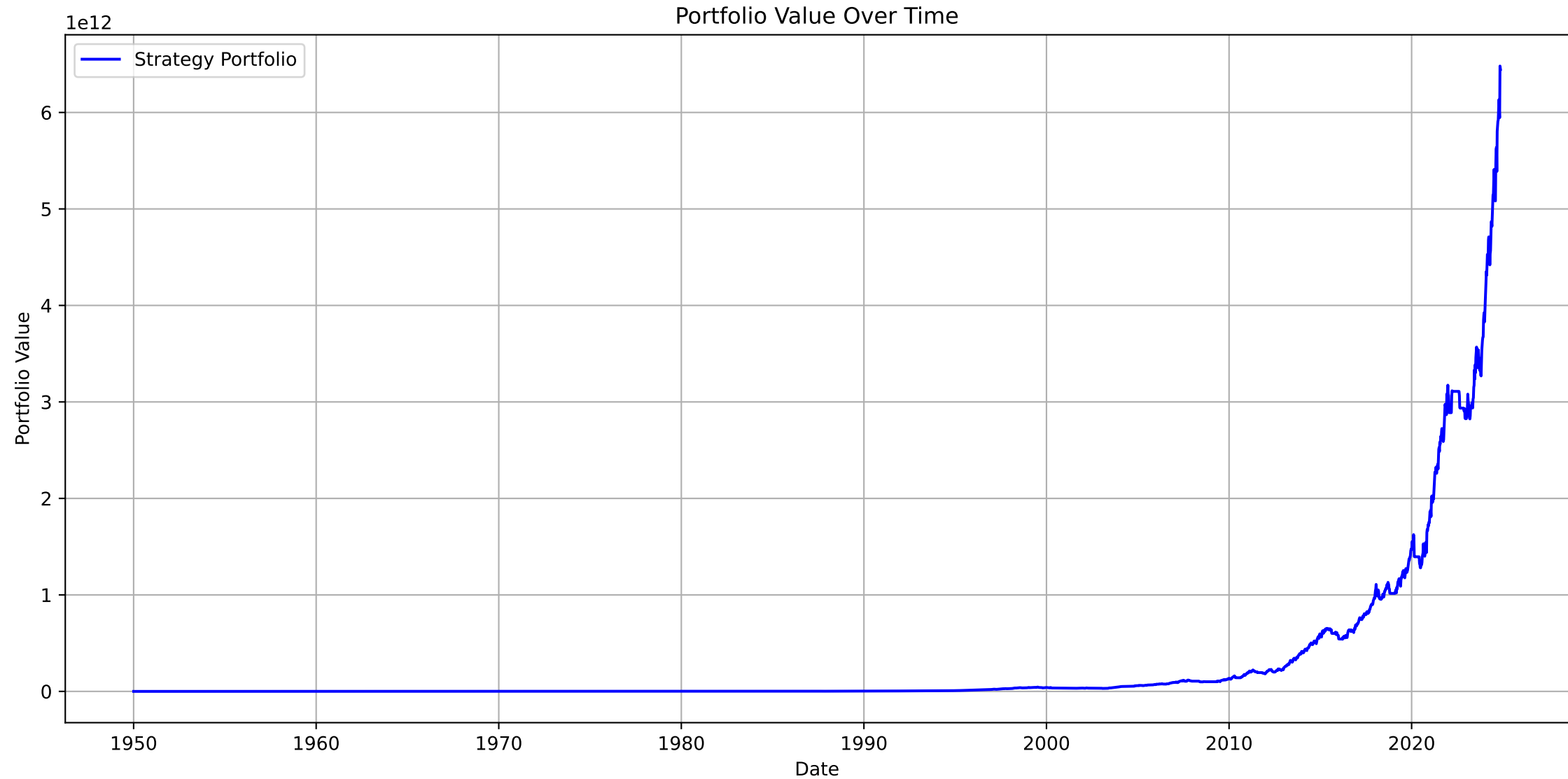
Market Regimes Visualized



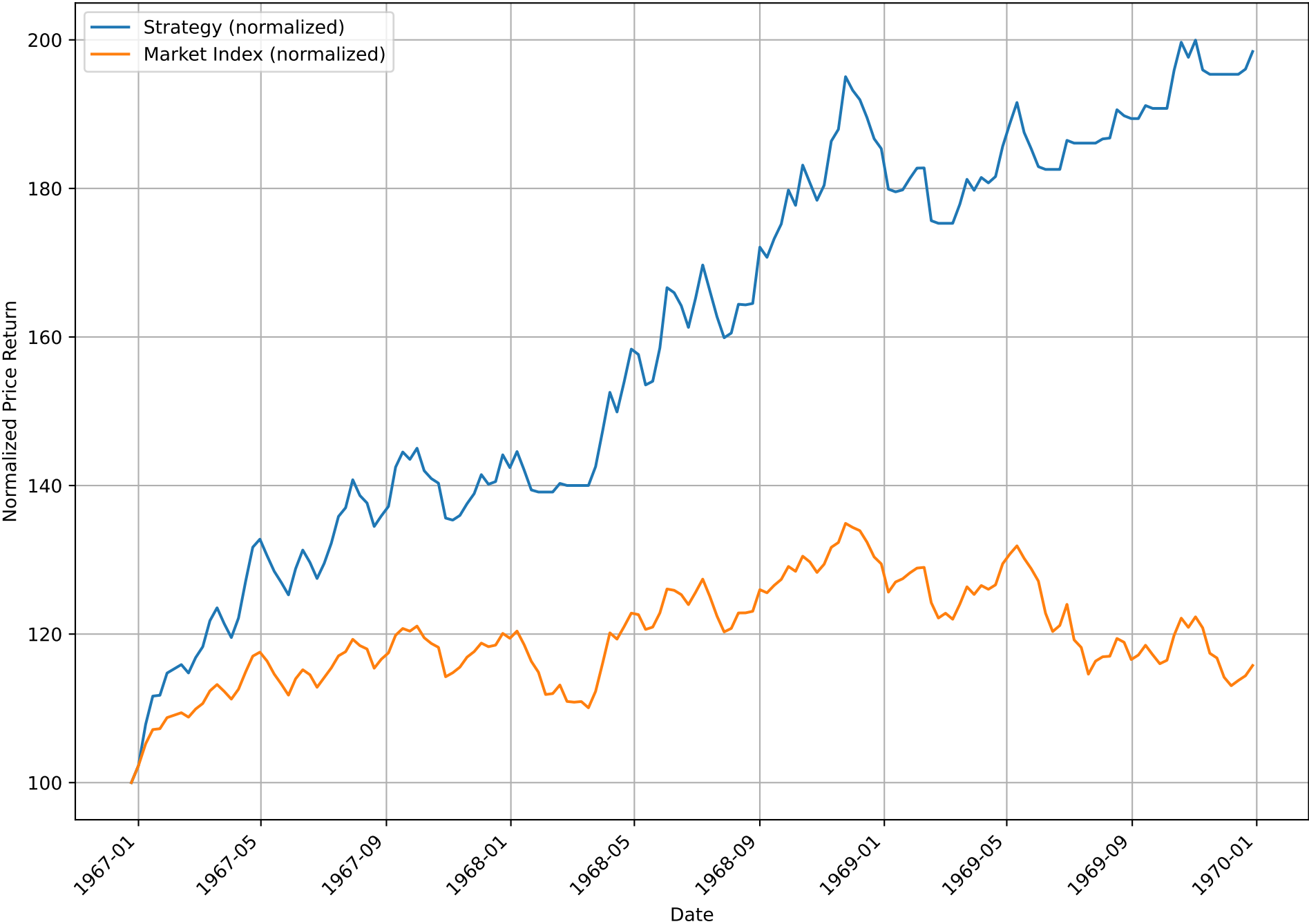


### Returns Statistics by Market Regime

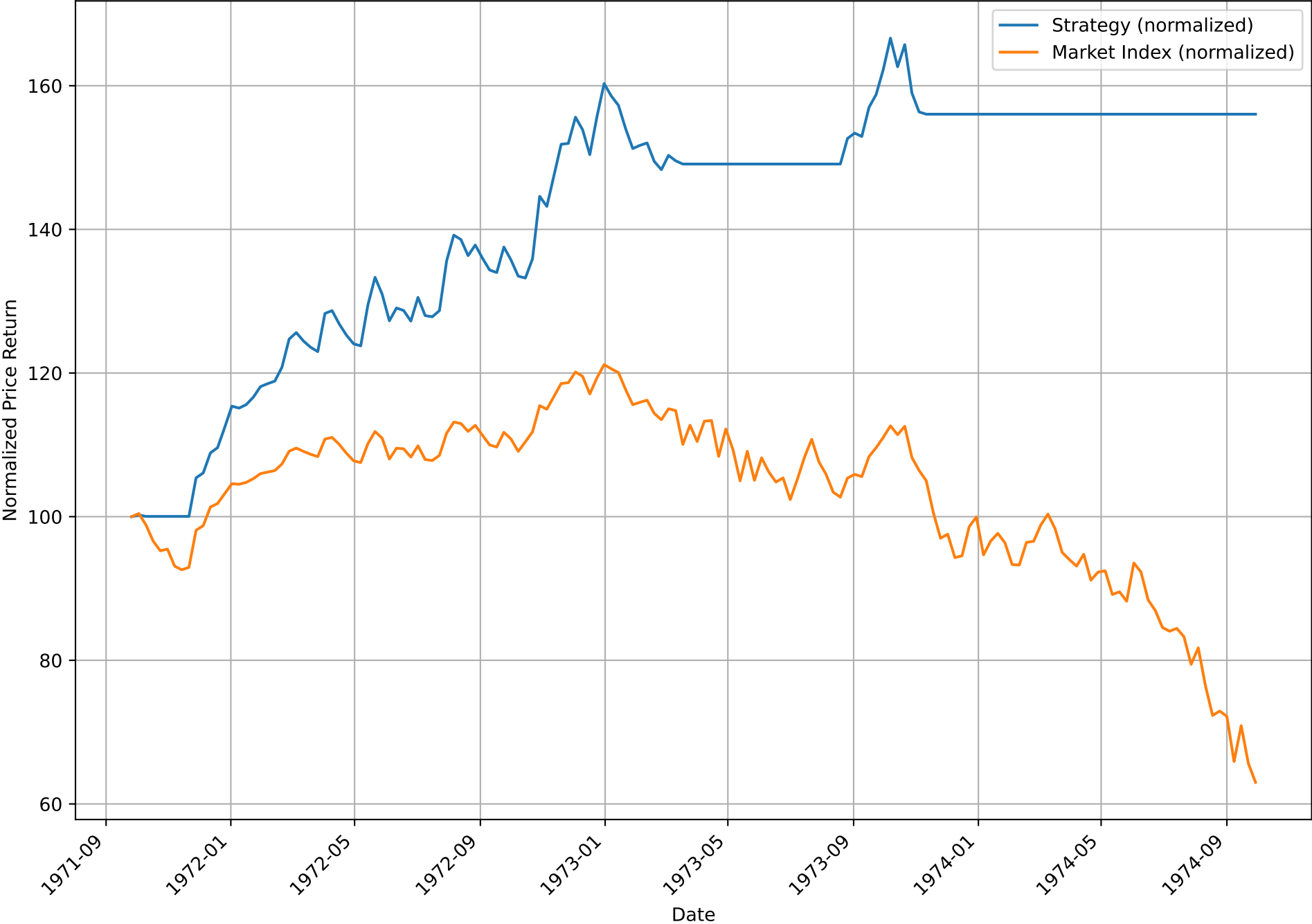
	Mean Daily Return	Daily Standard Deviation	Number of Days	Mean Regime Length
Bearish High Variance	-0.637	3.613	565.0	nan
Bearish Low Variance	-0.311	1.739	634.0	nan
Bullish High Variance	0.694	2.83	329.0	nan
Bullish Low Variance	0.421	1.403	2379.0	nan
Unknown	0.0	nan	1.0	nan



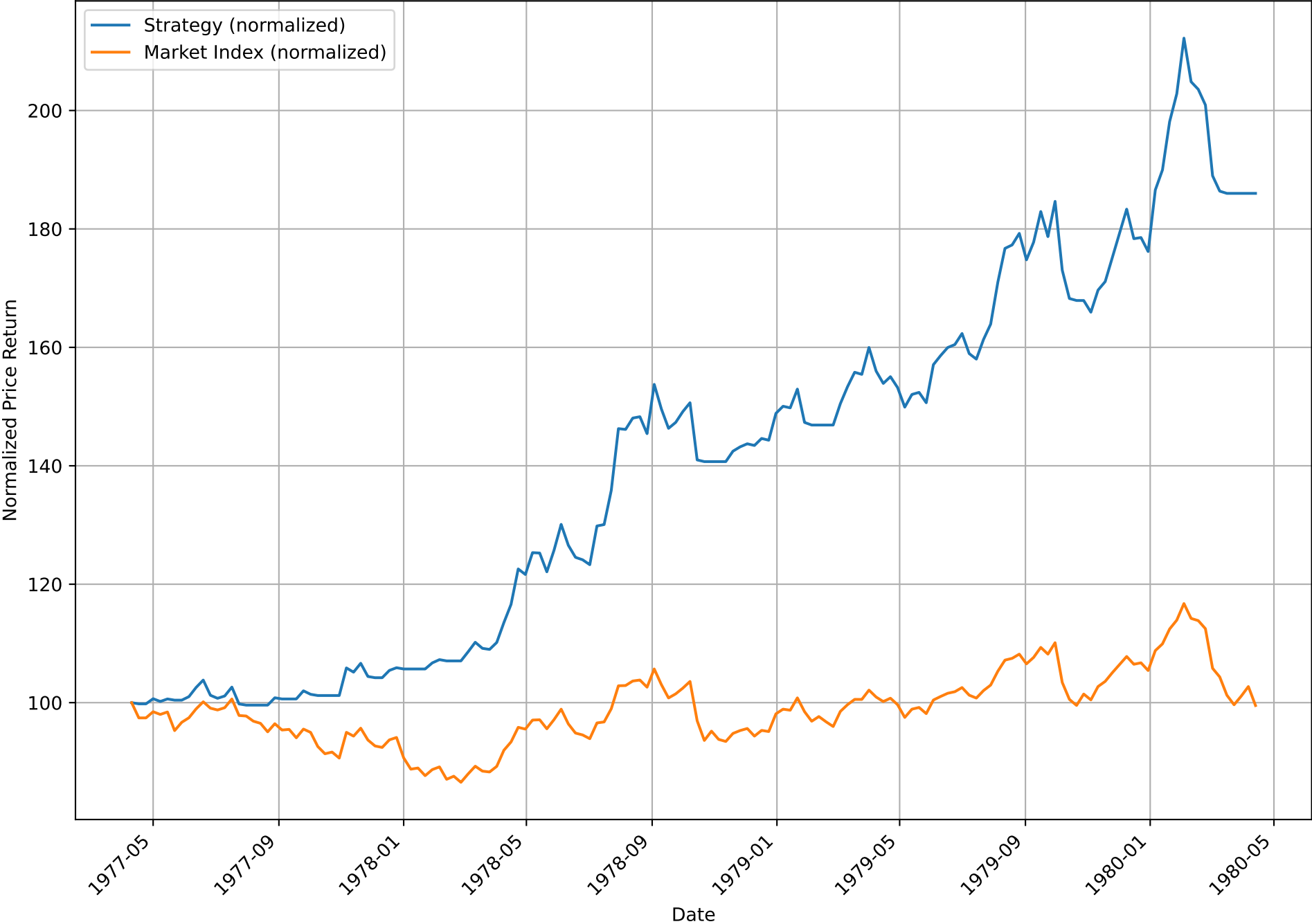
Price Return Comparison from 1966-12-25 to 1969-12-28



Price Return Comparison from 1971-09-26 to 1974-09-29

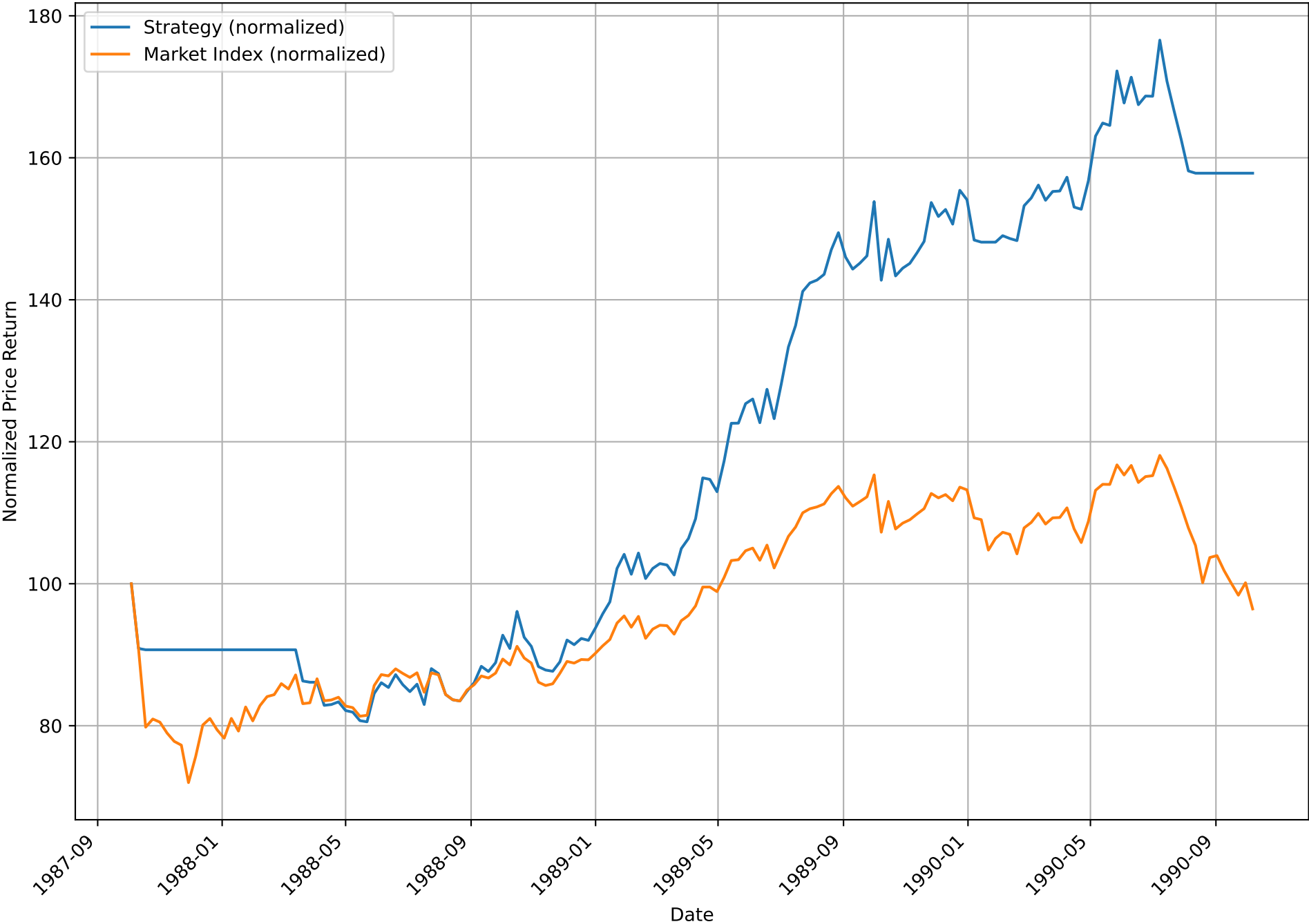


Price Return Comparison from 1977-04-10 to 1980-04-13

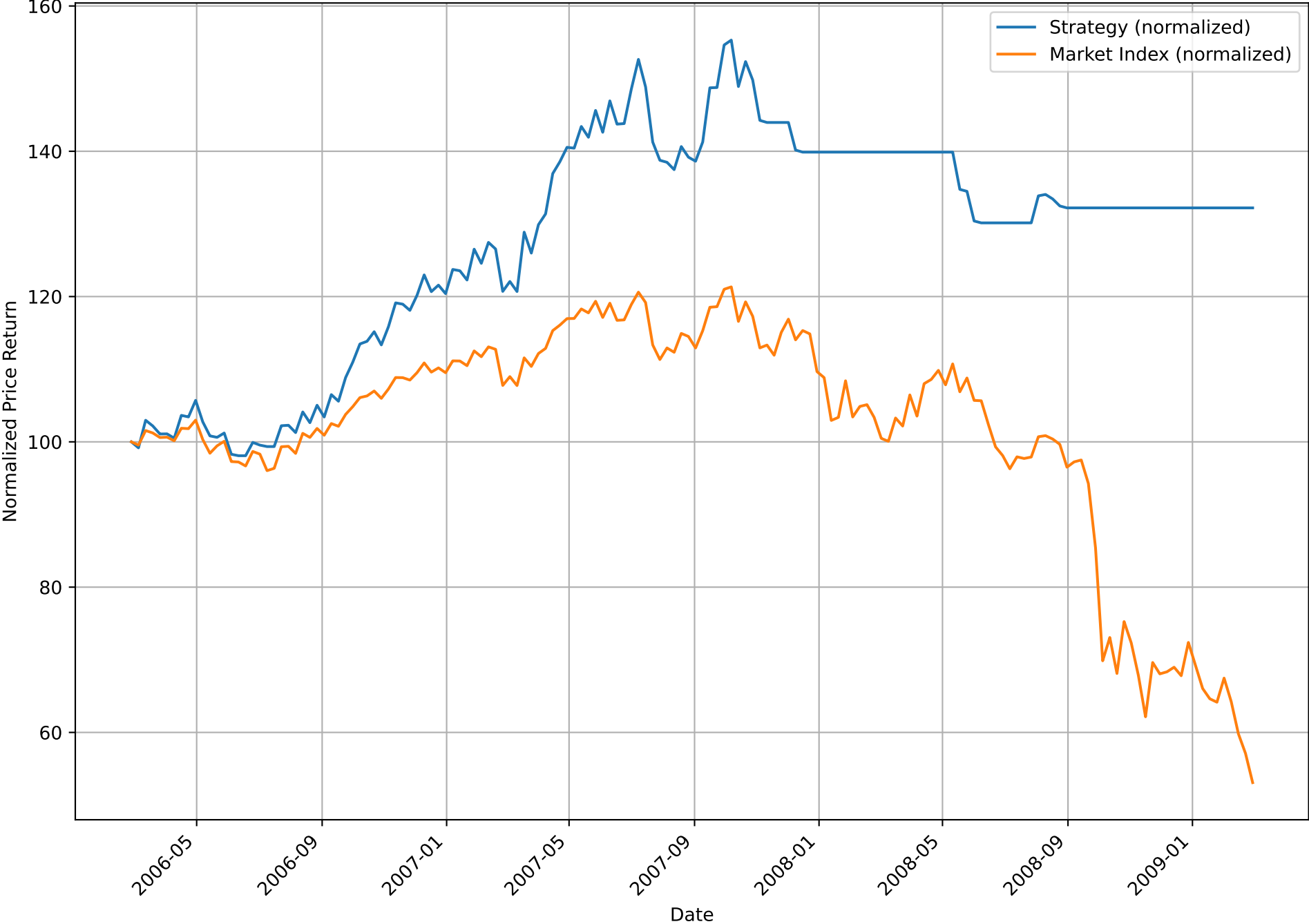




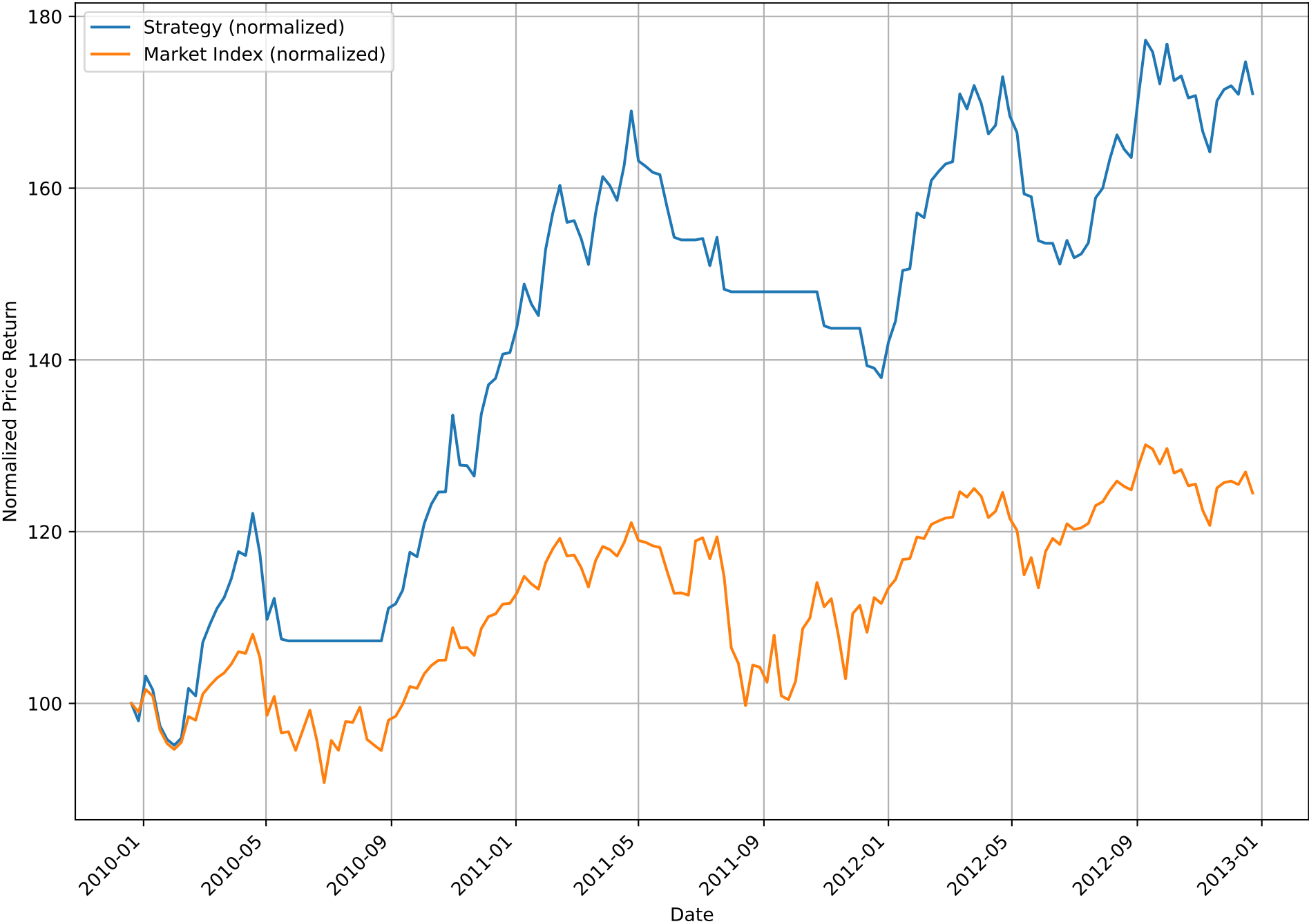
Price Return Comparison from 1987-10-04 to 1990-10-07



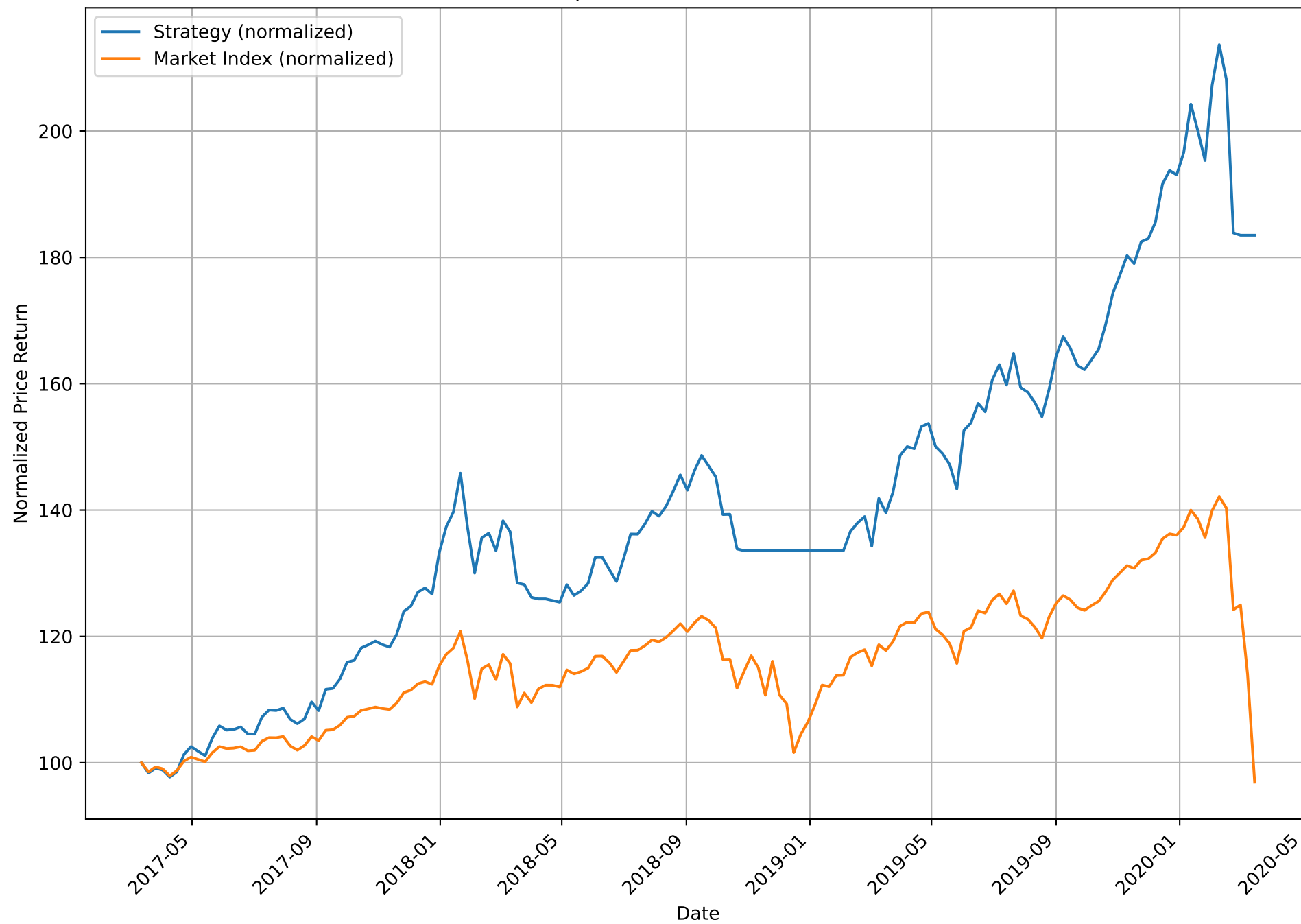
Price Return Comparison from 2006-02-26 to 2009-03-01



Price Return Comparison from 2009-12-20 to 2012-12-23



Price Return Comparison from 2017-03-12 to 2020-03-15



# Current Regime, Portfolio Exposure, and Leverage and Market Regime Over the Past 30 Business Days

Date	Portfolio Exposure	Portfolio Leverage	Vol_Regime
Current	2.0	1.0	Bullish Low Variance
04-28-2024	1.5	0.5	Bullish Low Variance
05-05-2024	2.0	1.0	Bullish Low Variance
05-12-2024	2.0	1.0	Bullish Low Variance
05-19-2024	2.0	1.0	Bullish Low Variance
05-26-2024	1.5	0.5	Bullish Low Variance
06-02-2024	2.0	1.0	Bullish Low Variance
06-09-2024	2.0	1.0	Bullish Low Variance
06-16-2024	2.0	1.0	Bullish Low Variance
06-23-2024	2.0	1.0	Bullish Low Variance
06-30-2024	2.0	1.0	Bullish Low Variance
07-07-2024	2.0	1.0	Bullish Low Variance
07-14-2024	1.5	0.5	Bullish Low Variance
07-21-2024	1.0	0.0	Bullish Low Variance
07-28-2024	1.0	0.0	Bullish Low Variance
08-04-2024	1.0	0.0	Bullish Low Variance
08-11-2024	2.0	1.0	Bullish Low Variance
08-18-2024	2.0	1.0	Bullish Low Variance
08-25-2024	2.0	1.0	Bullish Low Variance
09-01-2024	1.0	0.0	Bullish Low Variance
09-08-2024	2.0	1.0	Bullish High Variance
09-15-2024	1.0	0.0	Bullish High Variance
09-22-2024	1.0	0.0	Bullish High Variance
09-29-2024	1.0	0.0	Bullish Low Variance
10-06-2024	2.0	1.0	Bullish Low Variance
10-13-2024	2.0	1.0	Bullish Low Variance
10-20-2024	1.5	0.5	Bullish Low Variance
10-27-2024	1.0	0.0	Bullish Low Variance
11-03-2024	2.0	1.0	Bullish Low Variance
11-10-2024	2.0	1.0	Bullish Low Variance
11-13-2024	2.0	1.0	Bullish Low Variance