

MARKET MELTDOWN HEDGE

TAIL RISK & SHORT SQUEEZE HEDGING STRATEGIES



STRATEGY DESCRIPTION

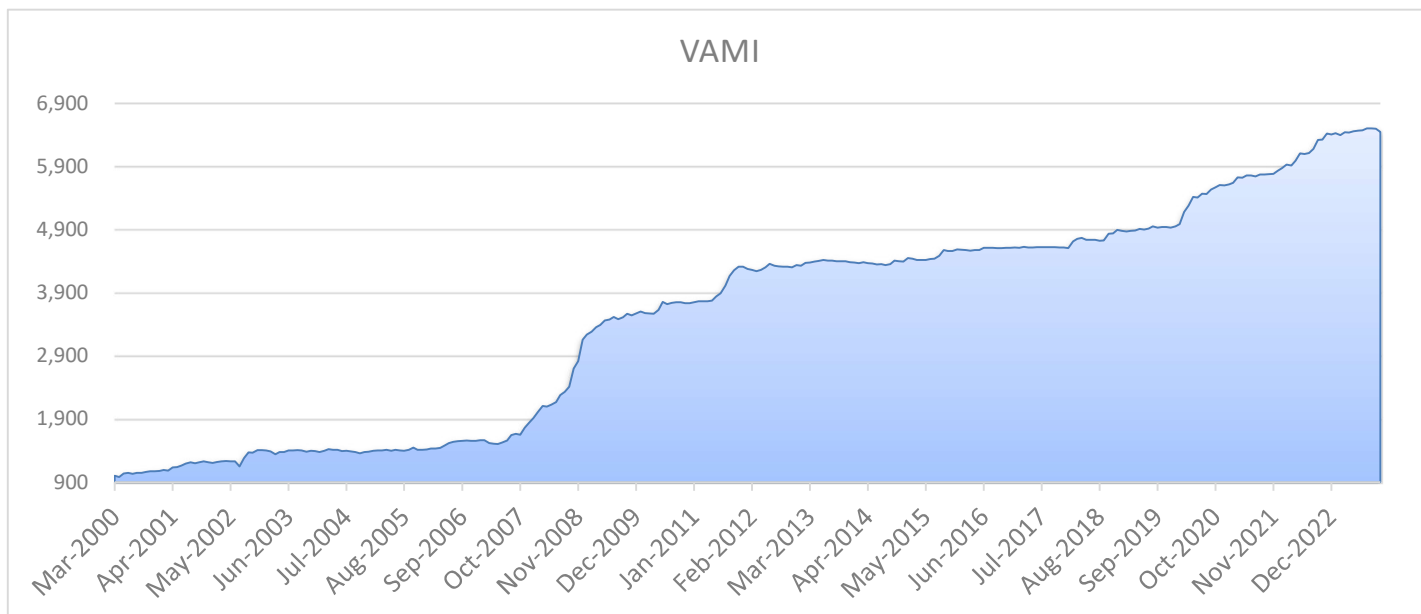
The hedging model is composed of two types of fundamental hedges: predictive hedges and reactive hedges. In the case of predictive hedges, we implement advanced algorithms and quantitative models that analyze historical trends, price patterns and other key market depth and macroeconomic indicators to anticipate potential market movements. This anticipation allows us to strategically adjust the composition of the portfolio, taking positions that act as a proactive defense against volatility, even allowing us to profit from it.

On the other hand, our reactive hedges are designed to respond quickly to sudden changes in the market. Using real-time signals and ongoing data, we dynamically adjust the portfolio to counteract any potentially negative impact. This provides active and responsive protection to market events, mitigating losses and effectively preserving capital.

Our quantitative approach ensures decision making based on sound data and comprehensive analysis. We seek to balance capital protection with return maximization, allowing our clients to benefit from market opportunities while being supported by a robust risk

HIPOTETICAL PERFORMANCE (BACKTEST)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YTD
2000			0.00%	-2.03%	5.55%	1.09%	-1.50%	1.54%	0.00%	1.35%	1.02%	0.02%	7.03%
2001	0.22%	1.94%	-1.51%	5.61%	0.16%	2.73%	3.08%	1.86%	-1.02%	1.09%	1.78%	-1.57%	14.38%
2002	-0.96%	1.53%	0.98%	0.15%	-0.34%	0.19%	-8.37%	13.41%	9.44%	-1.00%	4.23%	-0.03%	19.23%
2003	-0.71%	-1.17%	-4.86%	3.91%	-0.26%	2.50%	0.00%	0.50%	-0.40%	-2.14%	1.49%	-0.36%	-1.48%
2004	-1.44%	1.76%	2.78%	-1.33%	0.11%	-1.69%	0.42%	-1.04%	-0.81%	-2.73%	2.36%	0.74%	-0.86%
2005	1.32%	0.50%	-0.08%	1.18%	-1.62%	1.60%	-1.20%	-0.08%	1.11%	3.56%	-3.44%	-0.08%	2.79%
2006	0.68%	1.14%	0.38%	0.56%	4.06%	4.01%	1.87%	0.62%	0.84%	0.51%	-0.45%	-0.28%	13.95%
2007	1.12%	0.11%	-4.30%	-1.18%	-0.26%	2.37%	2.60%	8.75%	2.61%	-2.02%	11.58%	7.65%	29.03%
2008	7.45%	9.23%	9.93%	-1.24%	3.04%	4.42%	11.02%	4.97%	7.83%	29.07%	11.93%	33.86%	131.50%
2009	8.09%	4.35%	7.55%	3.45%	6.90%	1.80%	4.01%	-3.68%	3.29%	5.22%	-2.53%	3.07%	41.52%
2010	3.48%	-3.13%	-0.51%	-0.19%	6.26%	12.31%	-3.45%	1.96%	0.91%	0.29%	-1.52%	0.23%	16.64%
2011	1.40%	1.23%	0.22%	-0.26%	0.82%	7.13%	5.05%	12.37%	14.94%	9.11%	5.85%	-0.18%	57.68%
2012	-3.54%	-1.51%	-2.37%	2.45%	4.13%	5.72%	-3.36%	-0.98%	-0.63%	-0.08%	-1.02%	3.45%	2.28%
2013	-0.99%	4.70%	0.70%	1.38%	0.97%	1.66%	-0.86%	-0.46%	-0.55%	-0.40%	0.12%	-1.57%	4.71%
2014	-0.37%	-0.94%	1.35%	-1.14%	-0.40%	-2.26%	0.55%	-1.46%	1.53%	5.89%	-1.00%	-0.82%	0.93%
2015	5.47%	-1.10%	-1.69%	0.03%	-0.13%	1.43%	0.73%	4.61%	9.22%	-1.55%	0.01%	2.31%	19.34%
2016	-0.18%	-0.41%	-1.38%	1.38%	-0.41%	3.46%	0.00%	0.35%	-0.62%	0.14%	0.29%	0.20%	2.81%
2017	0.21%	-0.33%	1.51%	-1.14%	-0.21%	0.46%	0.32%	0.11%	-0.16%	0.13%	-0.41%	-0.23%	0.27%
2018	-1.07%	10.51%	4.48%	1.49%	-3.55%	0.36%	-0.10%	-1.35%	0.30%	10.80%	0.95%	5.25%	28.07%
2019	-1.57%	-0.92%	1.15%	0.49%	2.16%	-0.74%	1.37%	3.68%	-2.60%	1.60%	0.03%	-1.33%	3.33%
2020	2.19%	3.35%	19.61%	10.12%	13.18%	-0.97%	6.31%	-0.43%	7.15%	3.53%	3.48%	-0.44%	67.07%
2021	1.99%	2.34%	8.49%	-0.46%	3.29%	0.05%	-1.55%	2.85%	0.34%	0.39%	0.67%	4.92%	23.34%
2022	3.84%	5.94%	-1.55%	7.16%	12.29%	-1.05%	1.41%	6.40%	14.31%	0.56%	9.55%	-1.33%	57.56%
2023	1.69%	-2.51%	4.39%	-0.92%	2.33%	0.86%	0.54%	3.24%	-0.26%	-0.06%	-5.38%		3.93%



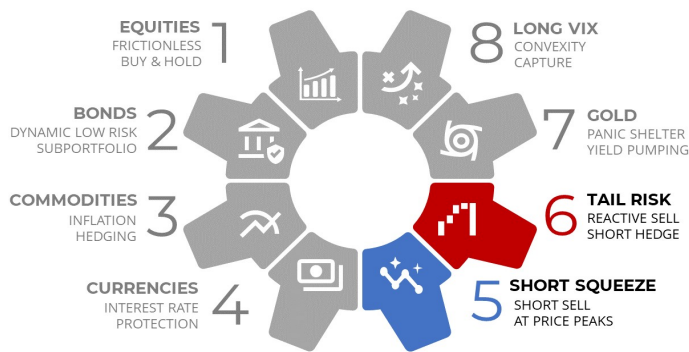
Ratios (No Compounding)

Sharpe Ratio	0.98
VaR 95%	10.00%
CVaR	23.60%
Monthly Volatility	5.05%
Return on Initial Capital	544.84%
Profit Factor	2.07
Average Monthly Performance	1.91%
Average Annual Performance	22.71%
Percent in the Market	21.32%

Portfolio Annual Period Analysis

Period	Year VAMI	Profit Factor	Trades	% Win	Profit/Trade
2023	39.3	1.17	135	53%	\$291.46
2022	575.6	2.58	214	57%	\$2,689.56
2021	233.4	2.09	197	56%	\$1,184.90
2020	670.7	4.43	161	64%	\$4,165.96
2019	33.3	1.18	133	53%	\$250.63
2018	280.7	2.12	144	53%	\$1,949.10
2017	2.7	1.07	42	45%	\$63.28
2016	28.1	1.14	115	50%	\$244.13
2015	193.4	1.88	158	57%	\$1,224.05
2014	9.3	1.05	83	54%	\$112.39
2013	47.1	1.40	72	53%	\$654.00
2012	22.8	1.07	169	52%	\$134.69
2011	576.8	4.32	175	63%	\$3,295.94
2010	166.4	1.47	194	47%	\$857.76
2009	415.2	2.17	176	59%	\$2,359.12
2008	1,315.0	4.23	223	63%	\$5,897.06
2007	290.3	1.75	170	57%	\$1,707.62
2006	139.5	2.68	66	65%	\$2,112.98
2005	27.9	1.26	53	55%	\$526.59
2004	- 8.6 -	0.96	117	44%	-\$73.84
2003	- 14.8 -	0.89	51	51%	-\$291.06
2002	192.3	2.03	38	71%	\$5,060.66
2001	143.8	2.30	40	75%	\$3,594.69
2000	70.3	2.07	23	65%	\$3,055.65

Portfolio architecture



Daily equity correlation by Alpha

1.00	0.27	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)
0.27	1.00	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)
(0.00)	(0.00)	1.00	0.33	0.27	(0.00)	0.03
(0.00)	(0.00)	0.33	1.00	0.42	(0.00)	0.02
(0.00)	(0.00)	0.27	0.42	1.00	(0.00)	0.04
(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	1.00	(0.00)
(0.00)	(0.00)	0.03	0.02	0.04	(0.00)	1.00

GENERAL INFORMATION

Program		Company	
Minimum Investment	1M	Management Fee	2%
Margin to Equity Ratio	20%	Performance Fee	20%
		R/T per million/yr	423
		High-Water Mark	Yes

DISCLAIMER

**TRADING AND INVESTING IN FUTURES PRODUCTS CARRIES SUBSTANTIAL RISKS.
PAST PERFORMANCE IS NOT NECESSARILY INDICATIVE OF FUTURE RESULTS.**