2026 Risk and Reward

Reid Monahan | Trading book, daily | 04/07/25 to 09/23/26 | 368 trading days

Return and risk-adjusted return

Total return	Annualized return	Risk-adjusted return	Sharpe ratio	Sortino ratio
+745.49%	+331.39%	+45.28%	2.58	4.04
8.45x money multiple	CAGR | 368 trading days	M² at S&P 500 risk | S&P +34.7%	S&P 1.70 | Nasdaq 1.75	S&P 2.94 | Nasdaq 2.92

Risk

Volatility	Max drawdown	Calmar ratio	Beta vs S&P 500	Beta vs Nasdaq-100
63.15%	-38.34%	8.64	2.44	2.02
S&P 16.1% | Nasdaq 21.5%	02/25/26 to 03/30/26 | recovered 04/09/26	S&P 3.90 | Nasdaq 3.98	Correlation 0.62	Correlation 0.69

Tail risk | 1-day, historical

VaR 95%	CVaR 95%	VaR 99%	CVaR 99%	Worst day
-5.91%	-9.36%	-10.85%	-12.47%	-13.76%
Of book capital	Avg loss beyond VaR 95%	Of book capital	Avg loss beyond VaR 99%	10/10/25 | best +16.59%

Leverage and exposure | days with positions

Leverage on positions	Leverage on book capital	Gross exposure	Net exposure	Time invested
2.95x	2.16x	73.2%	100% long	82.9%
Low 2.84x | peak 3.00x	Low 0.24x | peak 2.93x	Of book capital | peak 100%	No short positions	305 of 368 trading days

Trade statistics | 39 closed lots

Win rate	Avg winning lot	Avg losing lot	Risk-reward ratio	Expectancy per lot
82.1%	+451.55%	-0.37%	1,220:1	+370.46%
32 up | 3 flat | 4 down	Median +36.81%	Worst -0.65%	Avg win / avg loss	Size-weighted +149.23%



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Risk and Reward Detail

Versus benchmarks, exposure and trading volume by security

Versus benchmarks | 04/07/25 to 09/23/26, daily

Series	Total return	Annualized return	Volatility	Sharpe	Sortino	Max drawdown	Calmar	Beta vs S&P 500
Book	+745.49%	+331.39%	63.15%	2.58	4.04	-38.34%	8.64	2.44
S&P 500 (SPY)	+54.48%	+34.69%	16.09%	1.70	2.94	-8.89%	3.90	1.00
Nasdaq-100 (QQQ)	+76.59%	+47.61%	21.46%	1.75	2.92	-11.96%	3.98	1.26

Exposure by underlying | share of index exposure, days with positions

Fund	Underlying	Leverage	Share of index exposure	Days held
SOXL	ICE Semiconductor	3x	79.9%	298
TQQQ	Nasdaq-100	3x	14.9%	263
ELIL	Eli Lilly (LLY)	2x	3.2%	123
TECL	Technology Select Sector	3x	1.0%	56
PILL	S&P Pharmaceuticals Select	3x	0.7%	30
QPUX	Pure-play quantum basket	2x	0.3%	27

Trading volume by security | bought + sold

Fund	Lots	Shares traded	Volume (x invested capital)	Leverage-adjusted (x invested capital)	Share of volume
SOXL	19	6,610	14.5x	43.6x	83.3%
TQQQ	10	1,564	1.5x	4.4x	8.4%
ELIL	5	1,217	0.5x	1.0x	2.9%
TECL	1	110	0.3x	0.8x	1.6%
PILL	1	1,350	0.3x	1.0x	1.9%
QPUX	3	724	0.3x	0.7x	2.0%
Total	**39**	**11,575**	**17.4x**	**51.5x**	**100.0%**

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Definitions

Return, risk, exposure and trade measures

Basis. The trading book is measured as one account funded with its invested capital (the most cash committed to positions at once), with gains retained. Capital not in positions earns nothing here; excess cash is held outside the book in government securities. Positions are marked at daily closing prices and trades at execution prices. Daily return = the day's realized and unrealized P&L / book capital at the prior close; daily returns compound to the book total return of +745.49%. Period: first entry 04/07/25 to last trade 09/23/26 (368 trading days), annualized on 252 trading days. Benchmarks: SPY (S&P 500) and QQQ (Nasdaq-100), total return, same days. Price data: Yahoo Finance.

Volatility = annualized standard deviation of daily returns. **Sharpe** = annualized excess return over the risk-free rate / volatility. **Sortino** = annualized excess return / downside deviation (40.3%; returns below the risk-free rate only). Risk-free rate = 3.83%, the average 13-week Treasury bill yield over the period. **Max drawdown** = largest peak-to-trough decline in book capital. **Calmar** = annualized return / max drawdown. **Risk-adjusted return (M²)** = risk-free rate + Sharpe x S&P 500 volatility: the book's return scaled to S&P 500 risk, directly comparable to the S&P 500 annualized return. **Beta** = slope of daily book returns on daily index returns.

VaR (value at risk) = 1-day loss not exceeded on 95% (99%) of days, historical. **CVaR** (conditional VaR) = average loss on the days beyond VaR. Both measured on book capital.

Leverage on positions = index exposure / value of positions held; index exposure = position value x the fund's daily leverage (3x SOXL, TQQQ, TECL, PILL; 2x ELIL, QPUX). **Leverage on book capital** = index exposure / book capital. **Gross exposure** = value of positions / book capital. Exposure figures cover the 305 trading days with positions on. Long only. **Trading volume** = purchases + sales at execution value; shares traded = shares bought + shares sold, split-adjusted; leverage-adjusted volume = volume x the fund's leverage; multiples are of invested capital.

Trade statistics on the 39 closed lots; flat = 0.00%. **Risk-reward ratio** = average winning lot return / average losing lot return. **Expectancy** = win rate x average win - loss rate x average loss, per lot, equal-weighted; size-weighted expectancy = trade return. Averages are skewed by the core SOXL lots (median winning lot +36.81%); losses were confined to four lots, the largest -0.65%.

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