























2017	-7.45	-3.93	-0.13	-1.60	-1.41	-0.64	-2.06	-0.29	-2.02	-2.36	-8.57	-1.21
2018	-5.64	3.64	2.74	-0.52	-2.43	-4.85	-3.70	-3.19	-0.60	-6.67	-1.85	3.61
2019	-8.01	2.32	-1.47	-4.09	-12.65	0.34	-1.51	1.67	-1.95	-2.21	-3.62	-2.90
2020	12.57	7.92	138.07	-12.70	1.40	-2.09	-5.89	-6.98	3.09	2.49	-10.88	-3.71
2021	3.21	-2.78	-4.54	-5.29	-0.66	0.24	32.89	-2.98	2.30	-7.02	-6.23	-1.54
2022	10.23	36.89	-3.75	9.08	2.84	0.86	-9.21	10.03	-0.17	60.73	-5.56	5.75
2023	-6.29	2.51	-3.72	-1.60	-0.46	-6.48	-3.27	1.63	4.73	-6.70	4.20	-4.57
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC

		Strateç	gy - Return Quar	ntiles	
150% -			0	0	$\perp$
100%	0	8	0	0	
50% -	00000	(B)	0	8	
	Daily	Meeky,	Monthly	Quarterly	469UN

## **Key Performance Metrics**

Key Performance Metric	s	
Metric	SPY	Strategy
Risk-Free Rate	5.19%	5.19%
Time in Market	83.0%	4.0%
Cumulative Return	136.43%	401.99%
CAGR %	8.92%	17.37%
Sharpe	0.38	0.49
Prob. Sharpe Ratio	33.54%	20.6%
Smart Sharpe	0.35	0.45
Sortino	0.53	1.2
Smart Sortino	0.49	1.11
Sortino/√2	0.37	0.85
Smart Sortino/√2	0.34	0.78
Omega	1.67	1.67
Max Drawdown	-33.68%	-61.51%
Longest DD Days	708	1136
Volatility (ann.)	17.31%	49.17%
R^2	0.01	0.01
Information Ratio	0.02	0.02
Calmar	0.26	0.28
Skew	-0.6 16.23	11.12 207.76
Kurtosis	16.23	207.76
Expected Daily	0.04%	0.08%
Expected Monthly	1.03%	1.94%
Expected Yearly	13.08%	25.92%
Kelly Criterion	13.53%	22.95%
Risk of Ruin	0.0%	0.0%
Daily Value-at-Risk	-1.75%	-4.98%
Expected Shortfall (cVaR)	-1.75%	-4.98%
Max Consecutive Wins	5	4
Max Consecutive Losses	5	4
Gain/Pain Ratio	0.16	0.94
Gain/Pain (1M)	0.86	2.99
Payoff Ratio	1.08	2.05
Profit Factor	1.16	1.94
Common Sense Ratio	1.07	-
CPC Index	0.69	1.92
Tail Ratio	0.93	-
Outlier Win Ratio	7.42	16.45
Outlier Loss Ratio	4.85	0.64
MTD	4.57%	0.0%
3M	11.64%	3.28%
6M	9.33%	3.28%
YTD	26.21%	3.28%
1Y	25.88%	3.28%
3Y (ann.)	7.25%	28.94%
5Y (ann.)	9.92%	32.3%
10Y (ann.)	8.92%	17.37%
All-time (ann.)	8.92%	17.37%
Best Day	9.06%	66.21%
Worst Day	-10.94%	-27.52%
Best Month	12.7%	
Worst Month	-12.44%	-19.02%
Best Year	31.23%	167.0%
Worst Year	-18.16%	-21.55%
Avg. Drawdown	-1.66%	-15.84%
Avg. Drawdown Days	18	169
Recovery Factor	2.93	4.02
Ulcer Index	0.08	0.17
Serenity Index	0.78	1.42
Avg. Down Month	4.36%	14.55%
Avg. Down Month	-5.66% FF 07%	-8.16%
Win Days	55.07%	48.19%
Win Month	70.24%	54.84%
Win Quarter	75.0% 71.43%	47.37% 57.140%
Win Year	71.43%	57.14%

## **EOY Returns vs Benchmark**

Beta

Alpha

Correlation

Treynor Ratio

Year	SPY	Strategy	Multiplier	Won
2017	19.82%	-12.88%	-0.65	-
2018	-4.54%	-21.55%	4.75	-
2019	31.23%	-7.97%	-0.26	-
2020	18.43%	167.00%	9.06	+
2021	28.77%	32.65%	1.14	+
2022	-18.16%	118.16%	-6.51	+
2023	26.21%	3.28%	0.13	-

0.27

0.26

9.49%

- 1471.11%

## **Worst 10 Drawdowns**

Started	Recovered	Drawdown	Days
2017-01-20	2020-02-29	-61.51%	1136
2022-01-28	2022-02-24	-22.55%	28
2023-10-23	2023-11-01	-17.92%	10
2021-09-14	2022-01-24	-16.87%	133
2022-10-04	2022-10-12	-14.33%	9
2022-06-15	2022-10-01	-12.72%	109
2021-06-14	2021-06-19	-8.69%	6
2020-03-18	2020-05-04	-2.33%	48
2020-06-29	2021-01-25	-0.94%	211
2021-07-19	2021-07-19	-0.52%	1