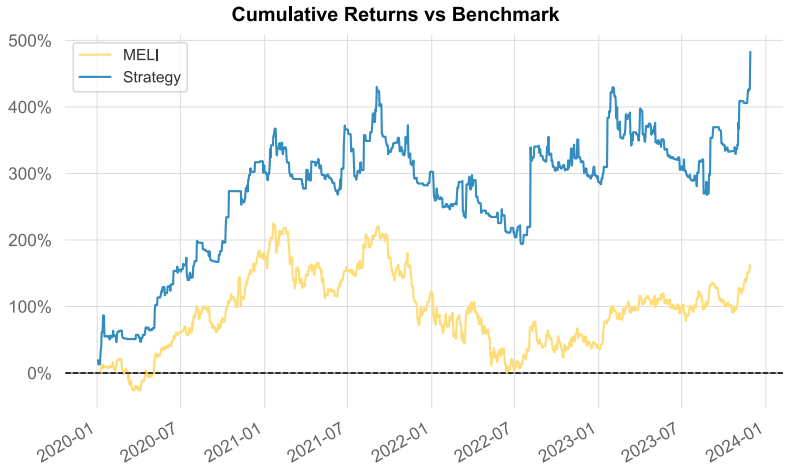
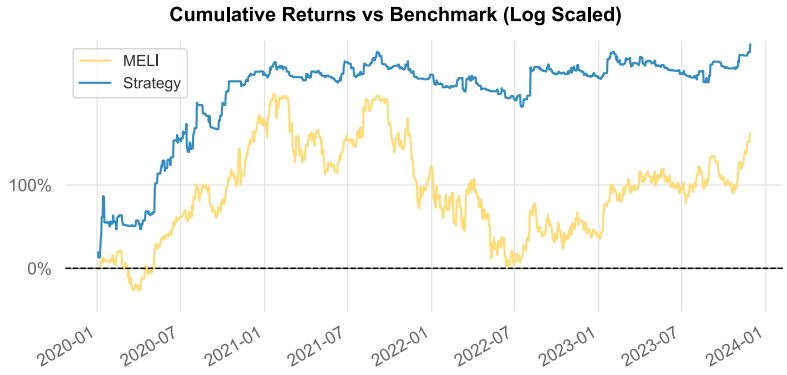
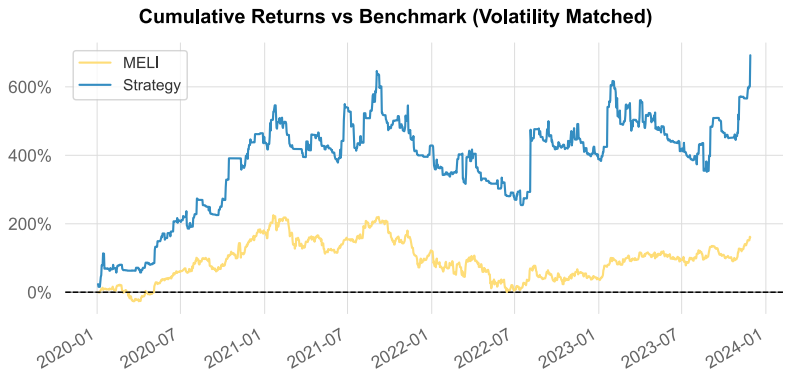
OptionsStocksLeverageWithCallsAndPuts Compared to MELI 3

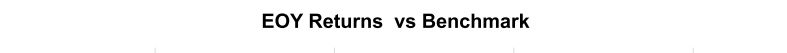
Jan, 2020 - 28 Nov, 2023

Benchmark is MELI | Generated by QuantStats (v. 0.0.62)



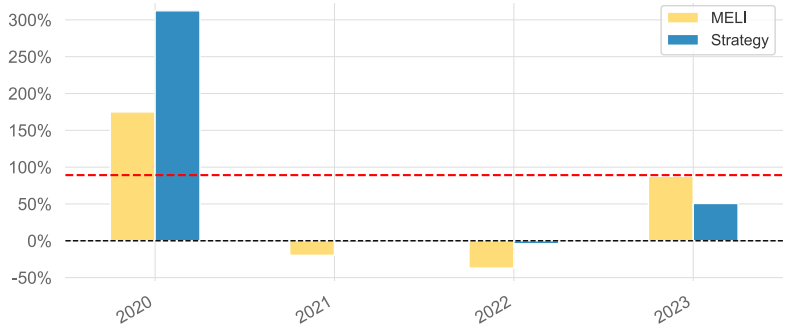


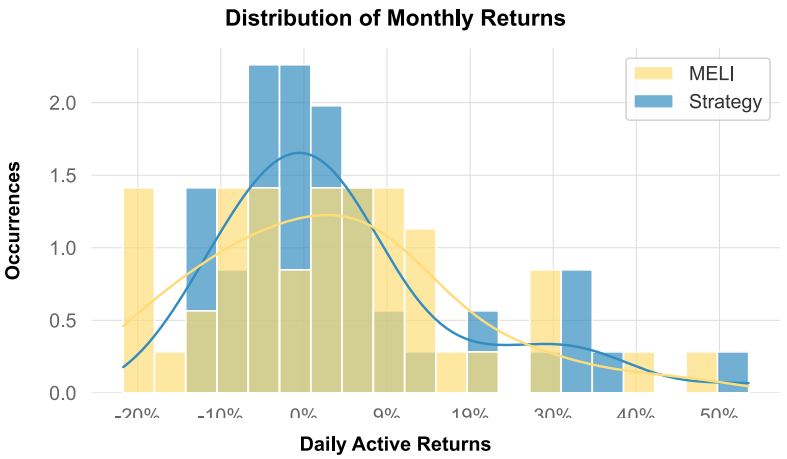


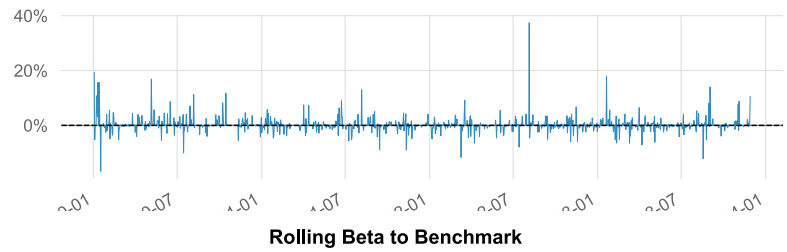


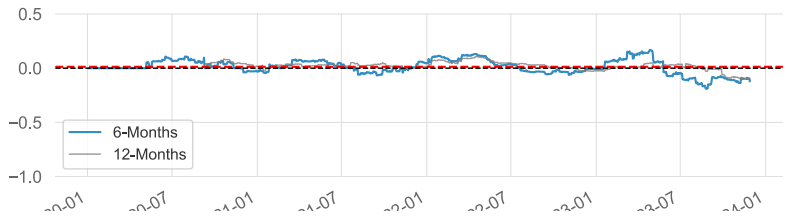
Key Performance Metrics

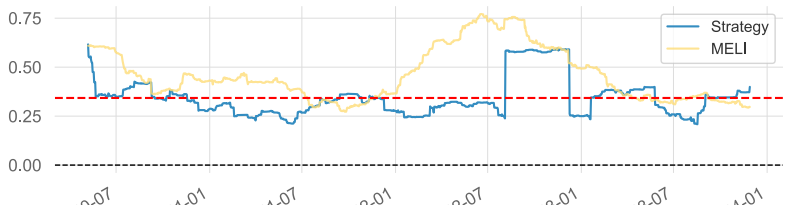
Metric	MELI	Strategy
Risk-Free Rate	0.0%	0.0%
Time in Market	69.0%	73.0%
Cumulative Return	160.43%	482.7%
CAGR%	18.44%	36.57%
Sharpe	0.59	1.0
Prob. Sharpe Ratio	92.16%	99.58%
Smart Sharpe	0.58	0.97
Sortino	0.87	1.86
Smart Sortino	0.85	1.82
Sortino/√2	0.62	1.31
Smart Sortino/√2	0.6	1.29
Omega	1.38	1.38
Max Drawdown	-68.96%	-44.53%
Longest DD Days	1042	815
Volatility (ann.)	47.36%	38.3%
R^2	0.0	0.0
Information Ratio	0.01	0.01
Calmar	0.27	0.82
Skew	0.2	3.95
Kurtosis	5.05	53.76
Expected Daily	0.07%	0.12%
Expected Monthly	2.06%	3.82%
Expected Yearly	27.03%	55.37%
Kelly Criterion	5.62%	16.66%
Risk of Ruin	0.0%	0.0%
Daily Value-at-Risk	-4.8%	-3.82%
Expected Shortfall (cVaR)	-4.8%	-3.82%



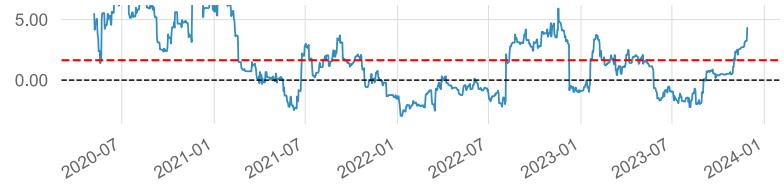






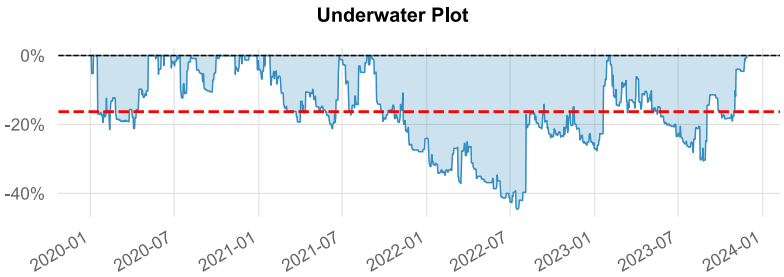


Metric	MELI	Strategy
Max Consecutive Wins	5	6
Max Consecutive Losses	5	6
Gain/Pain Ratio	0.13	0.38
Gain/Pain (1M)	0.8	1.68
Payoff Ratio	0.98	1.65
Profit Factor	1.13	1.38
Common Sense Ratio	1.13	1.85
CPC Index	0.59	1.1
Tail Ratio	1.0	1.34
Outlier Win Ratio	6.11	9.96
Outlier Loss Ratio	2.61	6.57
MTD	28.08%	31.38%
3M	28.38%	57.79%
6M	23.93%	33.47%
YTD	87.61%	50.68%
1Y	67.0%	39.35%
3Y (ann.)	-1.45%	8.14%
5Y (ann.)	18.44%	36.57%
10Y (ann.)	18.44%	36.57%
All-time (ann.)	18.44%	36.57%
Best Day	18.92%	37.4%
Worst Day	-16.93%	-16.71%
Best Month	46.48%	53.52%
Worst Month	-21.76%	-13.09%
Best Year	175.0%	312.35%
Worst Year	-37.07%	-3.97%
Avg. Drawdown	-7.57%	-5.32%
Avg. Drawdown Days	44	42
Recovery Factor	2.31	4.84
Ulcer Index	0.35	0.2
Serenity Index	0.22	0.76
Avg. Up Month	16.18%	15.58%
Avg. Down Month	-10.83%	-6.18%
Win Days	53.27%	48.15%



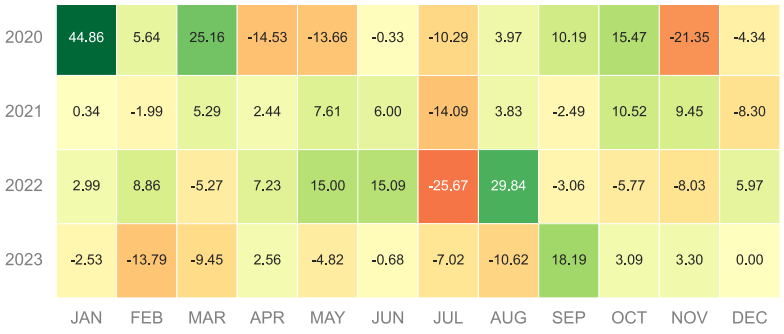
Metric	MELI	Strategy
Win Month	55.32%	55.32%
Win Quarter	62.5%	56.25%
Win Year	50.0%	50.0%

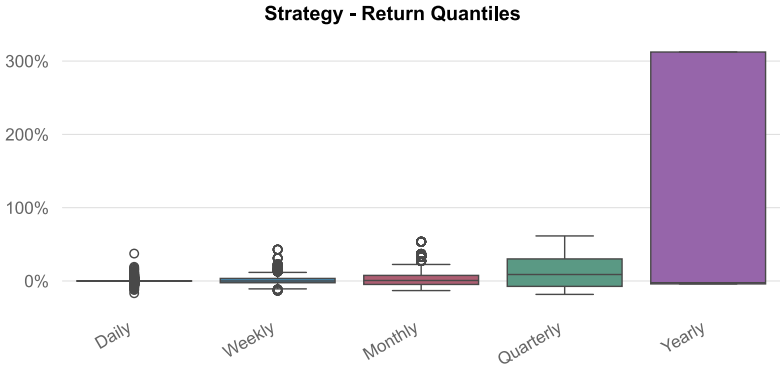
Beta	-	0.02
Alpha	-	0.38
Correlation	-	2.72%
Treynor Ratio	-	21959.68%



EOY Returns vs Benchmark

Year	MELI	Strategy	Multiplier	Won
2020	175.00%	312.35%	1.78	+
2021	-19.79%	-2.34%	0.12	+
2022	-37.07%	-3.97%	0.11	+
2023	87.61%	50.68%	0.58	-



Worst 10 Drawdowns

Started	Recovered	Drawdown	Days
2021-09-04	2023-11-27	-44.53%	815
2020-01-15	2020-05-05	-21.50%	112
2021-01-26	2021-06-24	-21.29%	150
2021-06-26	2021-08-23	-17.27%	59
2020-07-15	2020-08-05	-12.32%	22
2020-08-07	2020-09-30	-10.57%	55
2020-12-28	2021-01-12	-6.86%	16
2020-10-22	2020-11-20	-5.48%	30
2020-05-27	2020-06-02	-5.45%	7
2020-01-04	2020-01-07	-5.26%	4