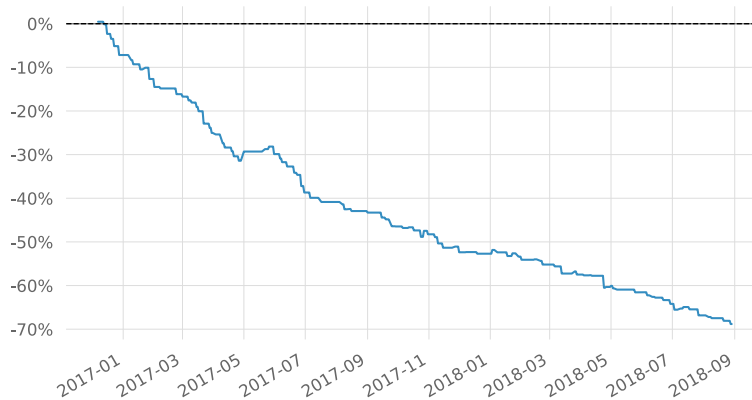


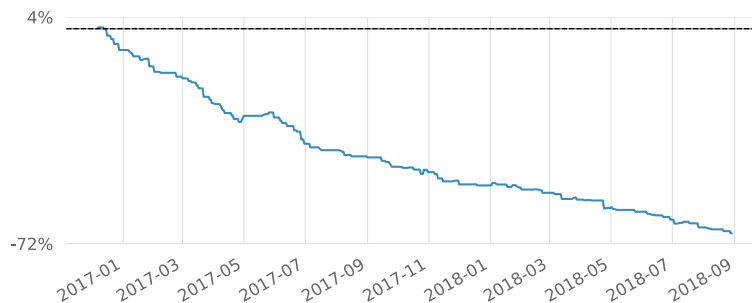
Strategy Tearsheet 7 Dec, 2016 - 29 Aug, 2018

Generated by [QuantStats](#) (v. 0.0.47)

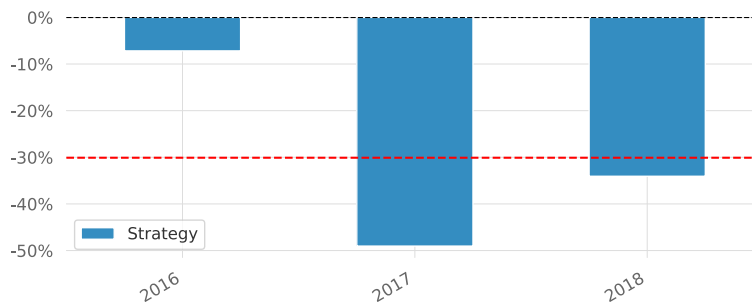
Cumulative Returns



Cumulative Returns (Log Scaled)

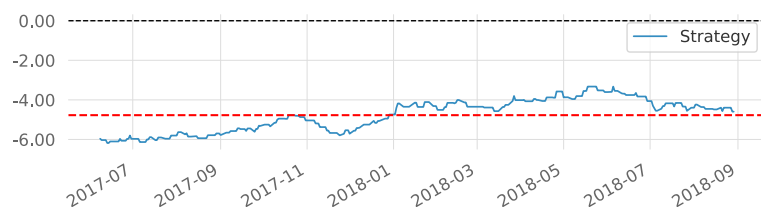
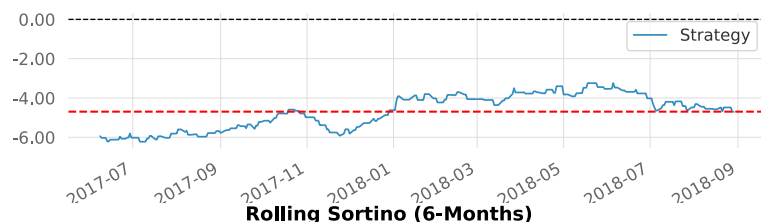
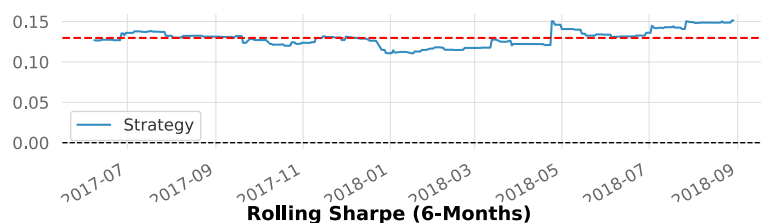
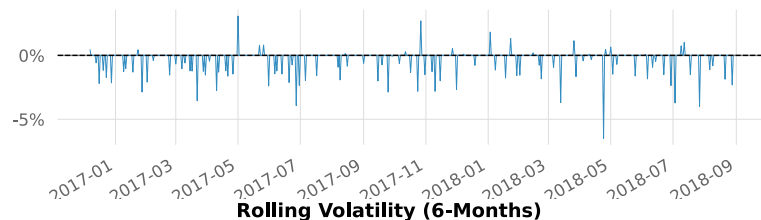
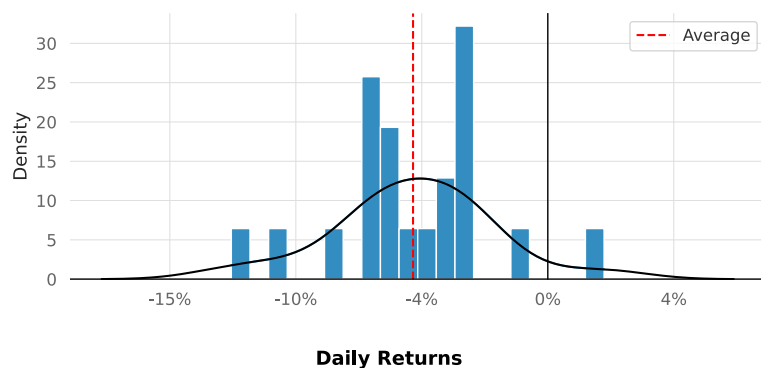


EOY Returns



Key Performance Metrics

| Metric | Strategy |
|---------------------------|----------|
| Risk-Free Rate | 0.0% |
| Time in Market | 23.0% |
| Cumulative Return | -68.82% |
| CAGR % | -49.09% |
| Sharpe | -5.06 |
| Smart Sharpe | -4.57 |
| Sortino | -5.05 |
| Smart Sortino | -4.55 |
| Sortino/√2 | -3.57 |
| Smart Sortino/√2 | -3.22 |
| Omega | 0.13 |
| Max Drawdown | -68.96% |
| Longest DD Days | 624 |
| Volatility (ann.) | 13.14% |
| Calmar | -0.71 |
| Skew | -2.5 |
| Kurtosis | 11.97 |
| Expected Daily % | -0.27% |
| Expected Monthly % | -5.4% |
| Expected Yearly % | -32.19% |
| Kelly Criterion | -136.36% |
| Risk of Ruin | 0.0% |
| Daily Value-at-Risk | -1.63% |
| Expected Shortfall (cVaR) | -1.63% |
| Gain/Pain Ratio | -0.87 |
| Gain/Pain (1M) | -0.98 |
| Payoff Ratio | 0.51 |



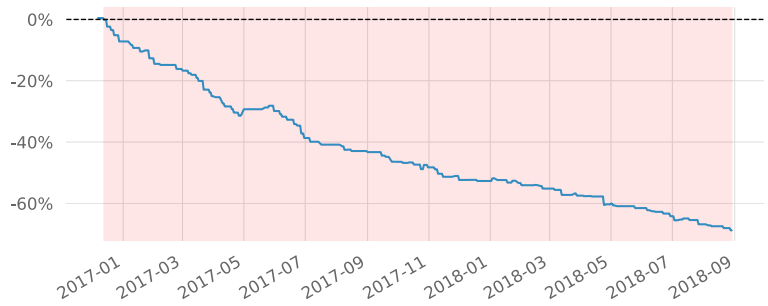
| Metric | Strategy |
|--------------------|----------|
| Profit Factor | 0.13 |
| Common Sense Ratio | 0.0 |
| CPC Index | 0.01 |
| Tail Ratio | 0.0 |
| Outlier Win Ratio | 23.2 |
| Outlier Loss Ratio | 2.21 |

| | |
|-----------------|---------|
| MTD | -5.98% |
| 3M | -18.88% |
| 6M | -30.41% |
| YTD | -34.07% |
| 1Y | -45.36% |
| 3Y (ann.) | -49.09% |
| 5Y (ann.) | -49.09% |
| 10Y (ann.) | -49.09% |
| All-time (ann.) | -49.09% |

| | |
|-------------|---------|
| Best Day | 3.08% |
| Worst Day | -6.49% |
| Best Month | 2.23% |
| Worst Month | -12.56% |
| Best Year | -7.18% |
| Worst Year | -49.05% |

| | |
|--------------------|---------|
| Avg. Drawdown | -68.96% |
| Avg. Drawdown Days | 624 |
| Recovery Factor | -1.0 |
| Ulcer Index | 0.47 |
| Serenity Index | -0.02 |

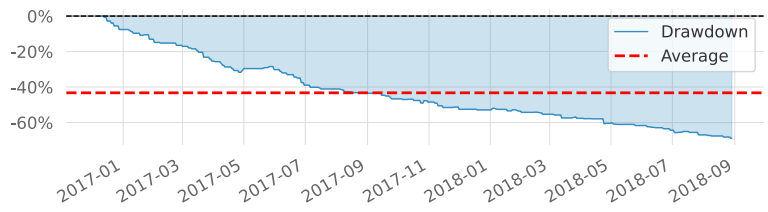
| | |
|-----------------|--------|
| Avg. Up Month | 2.23% |
| Avg. Down Month | -5.73% |
| Win Days % | 20.0% |
| Win Month % | 4.76% |
| Win Quarter % | 0.0% |
| Win Year % | 0.0% |



EOY Returns

| Year | Return | Cumulative |
|------|----------|------------|
| 2016 | -7.38%% | -7.18% |
| 2017 | -66.56%% | -49.05% |
| 2018 | -40.93%% | -34.07% |

Underwater Plot



Worst 10 Drawdowns

| Started | Recovered | Drawdown | Days |
|------------|------------|----------|------|
| 2016-12-13 | 2018-08-29 | -68.96% | 624 |

| | | | | | | | | | | | | |
|------|-------|-------|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|
| 2016 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -7.18 | |
| 2017 | -5.92 | -3.98 | -10.60 | -8.50 | 2.23 | -12.56 | -3.54 | -3.52 | -6.18 | -3.35 | -5.45 | -3.33 |
| 2018 | -1.41 | -3.91 | -5.11 | -6.68 | -3.12 | -6.87 | -7.35 | -5.98 | 0.00 | 0.00 | 0.00 | 0.00 |
| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |

Return Quantiles

