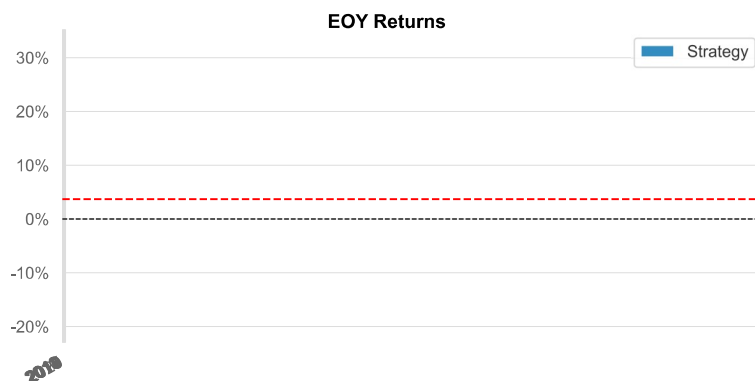
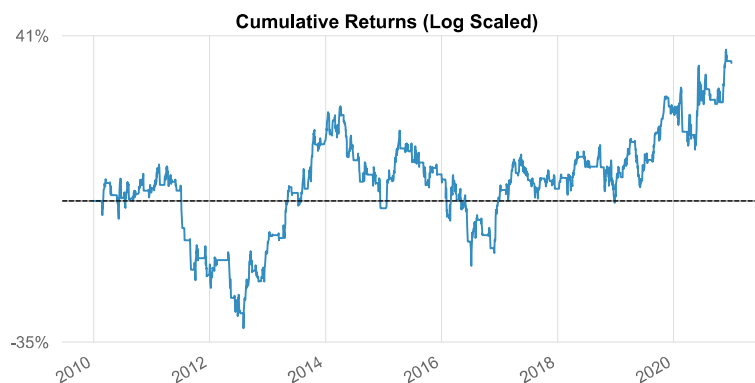
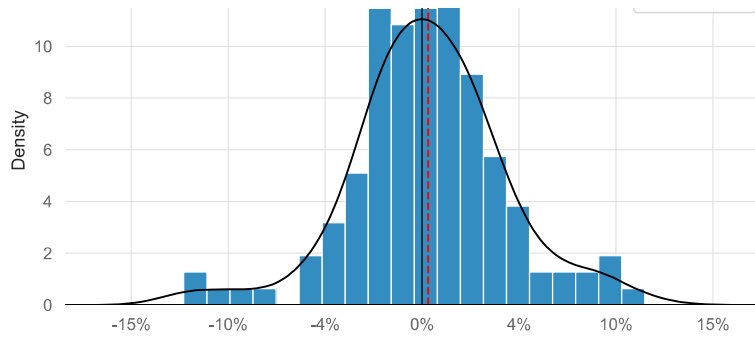


HMA

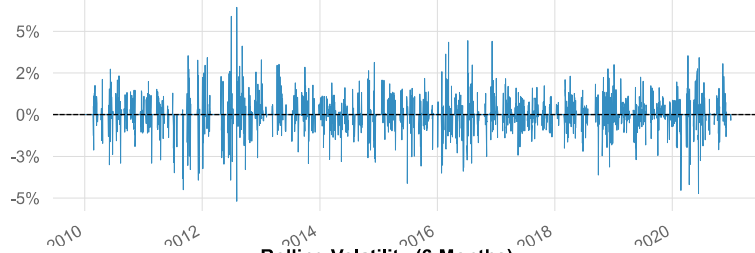
 4 Jan, 2010 - 30 Dec, 2020Generated by [QuantStats](#) (v. 0.0.26)

Key Performance Metrics

Metric	Strategy
Risk-Free Rate	0.0%
Time in Market	58.0%
Cumulative Return	34.52%
CAGR%	2.73%
Sharpe	0.26
Sortino	0.37
Max Drawdown	-37.55%
Longest DD Days	2037
Volatility (ann.)	14.09%
Calmar	0.07
Skew	-0.07
Kurtosis	6.43
Expected Daily %	0.01%
Expected Monthly %	0.22%
Expected Yearly %	2.73%
Kelly Criterion	3.03%
Risk of Ruin	0.0%
Daily Value-at-Risk	-1.44%
Expected Shortfall (cVaR)	-1.44%
Payoff Ratio	0.96
Profit Factor	1.06
Common Sense Ratio	1.02
CPC Index	0.54
Tail Ratio	0.96
Outlier Win Ratio	7.57
Outlier Loss Ratio	3.36
MTD	-1.1%
3M	8.3%



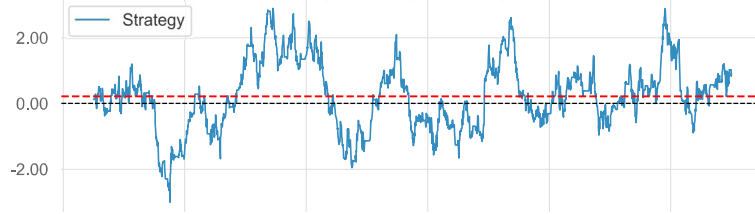
Daily Returns



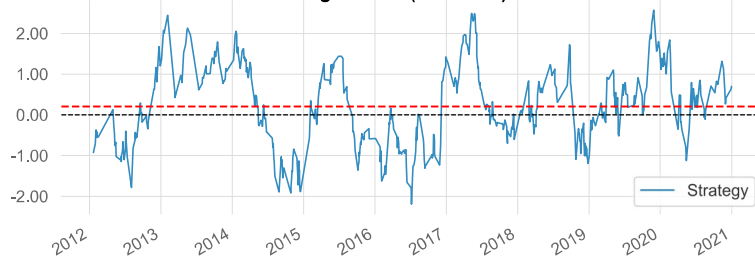
Rolling Volatility (6-Months)



Rolling Sharpe (6-Months)



Rolling Sortino (6-Months)



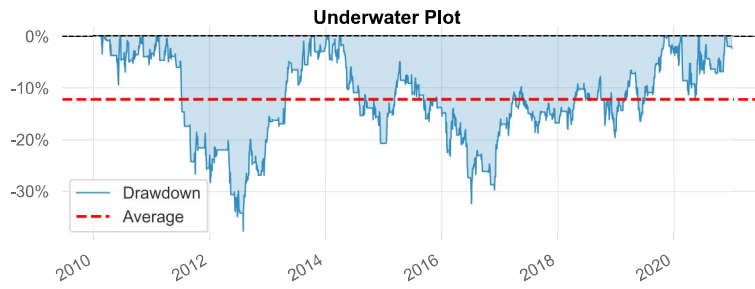
Metric	Strategy
6M	7.52%
YTD	10.2%
1Y	10.2%
3Y (ann.)	9.32%
5Y (ann.)	4.74%
10Y (ann.)	2.69%
All-time (ann.)	2.73%
Best Day	6.44%
Worst Day	-5.19%
Best Month	11.49%
Worst Month	-12.29%
Best Year	32.55%
Worst Year	-20.25%
Avg. Drawdown	-6.3%
Avg. Drawdown Days	177
Recovery Factor	0.92
Ulcer Index	inf
Avg. Up Month	3.18%
Avg. Down Month	-2.88%
Win Days %	52.39%
Win Month %	52.76%
Win Quarter %	59.09%
Win Year %	63.64%

EOY Returns

Year	Return	Cumulative
2010	2.74%%	2.07%
2011	-21.36%%	-20.25%
2012	8.45%%	6.72%
2013	28.88%%	32.55%
2014	-15.13%%	-14.76%
2015	9.03%%	8.68%
2016	-4.76%%	-6.15%



Year	Return	Cumulative
2017	3.39%%	2.9%
2018	-0.91%%	-1.69%
2019	19.26%%	20.54%
2020	11.06%%	10.2%



Worst 10 Drawdowns

Started	Recovered	Drawdown	Days
2011-02-17	2013-10-04	-37.55%	960
2014-04-07	2019-11-04	-32.31%	2037
2020-02-18	2020-06-03	-12.10%	106
2010-03-18	2010-06-18	-9.44%	92
2020-06-09	2020-11-18	-7.34%	162
2010-06-21	2010-11-09	-6.96%	141
2019-11-18	2020-02-12	-5.71%	86
2010-11-10	2011-02-02	-5.55%	84
2014-01-16	2014-03-31	-5.19%	74
2013-10-23	2014-01-07	-4.50%	76

2010	0.00	-2.44	7.12	-2.92	-0.74	0.09	1.41	-1.64	1.19	3.16	-2.31	-0.44
2011	2.61	-0.69	1.63	0.65	-0.96	-2.70	-12.04	0.00	-7.80	3.00	0.00	-4.96
2012	1.35	3.30	0.00	1.33	-12.29	-0.03	-5.05	9.67	4.71	-2.00	2.13	5.13
2013	5.41	-0.15	-0.82	9.20	3.44	-0.41	-1.81	2.89	1.79	8.76	1.18	-0.25
2014	1.41	3.98	0.97	-2.76	-5.53	-2.15	-1.54	-2.71	0.93	1.84	-4.13	-5.64
2015	7.08	1.10	6.26	0.18	0.33	-3.37	1.97	-1.99	-5.10	3.33	1.53	-2.25
2016	-3.18	-3.50	3.43	-1.74	-1.28	-10.16	5.41	0.61	-3.99	1.04	-2.84	11.49
2017	2.60	-0.85	8.39	-3.23	0.42	-1.91	-0.67	-1.99	3.06	1.06	-1.33	-2.15
2018	2.65	-0.93	-0.83	5.49	1.31	-1.97	-0.23	0.00	0.39	-3.32	2.28	-6.06
2019	5.70	2.82	2.50	1.69	-9.24	3.84	1.97	2.95	4.49	3.00	2.93	-2.90
2020	-2.52	-1.43	-0.96	0.27	4.11	3.18	2.26	-2.05	-0.88	0.35	9.12	-1.10
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

