

In conclusion, the universe filtering is adding the effects of synthetic leverage, not value. Long minus short is adding value but very marginally and not expected to last into the future. Volatility optimization isn't adding value in its current form.

The backtest doesn't perform as well as stylized portfolios due to limited, albeit high, turnover.

The code base raises a lot of options for further research for capturable improvements over traditional benchmarks, especially in how alpha research should be structured.

The careful observer will notice that many of the concepts that one would usually expect to find in quant strategies are missing here due to IP significance.

Below are the figures generated in the code base.



