

# RepuSPX Performance Review 2002-2022 (through 13 Jan 23)

Weekly trailing 12-month returns of a reputation-based equity portfolio reconstituted algorithmically once a year from constituent members of the S&P500 composite equity index.

Produced 13 Jan 2023

Forging reputation resilience

# Significant Value Captured Through Algorithmic Reputation Arbitrage

In 1046 serial samples of trailing twelve month returns, RepuSPX outperformed SPX 71.6% of the time and returned an excess of 4.8% on average (median 1.3%).

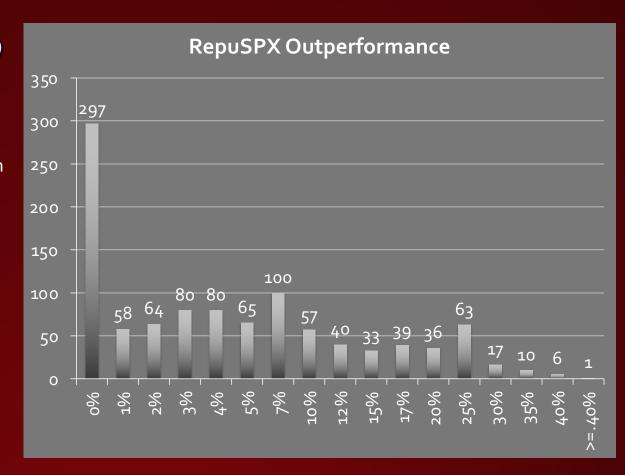
| Trailing 12-month Returns  | Value  |
|----------------------------|--------|
| SPX Outperforms RepuSPX    | 297    |
| Average SPX TTM Return     | 8.6%   |
| Median SPX TTM Return      | 11.0%  |
| Max SPX TTM Return         | 66.6%  |
| Min SPX TTM Return         | -47.2% |
| Std Dev SPX TTM Return     | 16.0%  |
|                            |        |
| RepuSPX Outperforms SPX    | 749    |
| Average RepuSPX TTM Return | 13.4%  |
| Median RepuSPX TTM Return  | 12.3%  |
| Max RepuSPX TTM Return     | 112.8% |
| Min RepuSPX TTM Return     | -49.6% |
| Std Dev RepuSPX TTM Return | 19.9%  |
|                            |        |
| Average RepuSXP Outperform | 4.8%   |
| Median RepuSPX Outperform  | 1.3%   |

## RepuSPX Trailing 12-month (TTM) Returns Usually Outperform the S&P500

Serial trailing twelve month price returns, calculated weekly beginning 1/4/2002 through 1/13/2023, show that RepuSPX returned more than the S&P500 749 times (71.6%) with magnitudes distributed as shown at left.

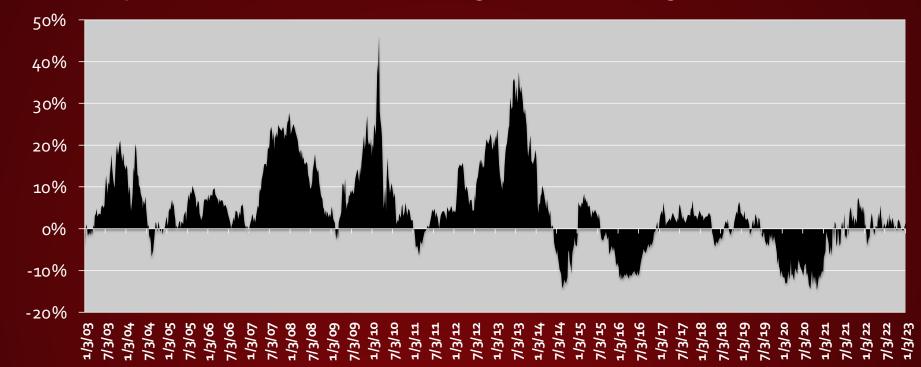
Outperforming returns for 627 of the 749 periods were more than 2% greater.

RepuSPX underperformed the S&P500 297 times.



### **Time Series of Relative Returns**

RepuSPX Return vs. SPX, Serial Trailing 12-months (through 12/31/21)



TTM Outperformance (%)

#### Cumulative Price Returns RepuSPX v SPX as of 14 Jan 2023

Since inception, RepuSPX 662% price returns; SPX 240% price returns as of 13 Jan 2023

> 422%

