

Beyond Human Limits



Reimagining Active Funds Management

Savana is on a mission to disrupt traditional funds management by leveraging technology to uncover hidden value in overlooked segments of the market.

This White Paper provides a detailed analysis of the performance of Savana's flagship US Small Caps Strategy during its real-time paper-trading period from 1 July 2022 to 7 November 2024.

The results of this analysis validated our core investment hypothesis - that our unique Collective Intelligence philosophy, combined with sophisticated technological implementation, delivers a powerful and differentiated solution to alpha.

This conviction ultimately led us to list the strategy as a publicly traded ETF on the ASX in November 2024.



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The Savana US Small Caps Strategy

Strategy Overview: Technology Takes the Wheel

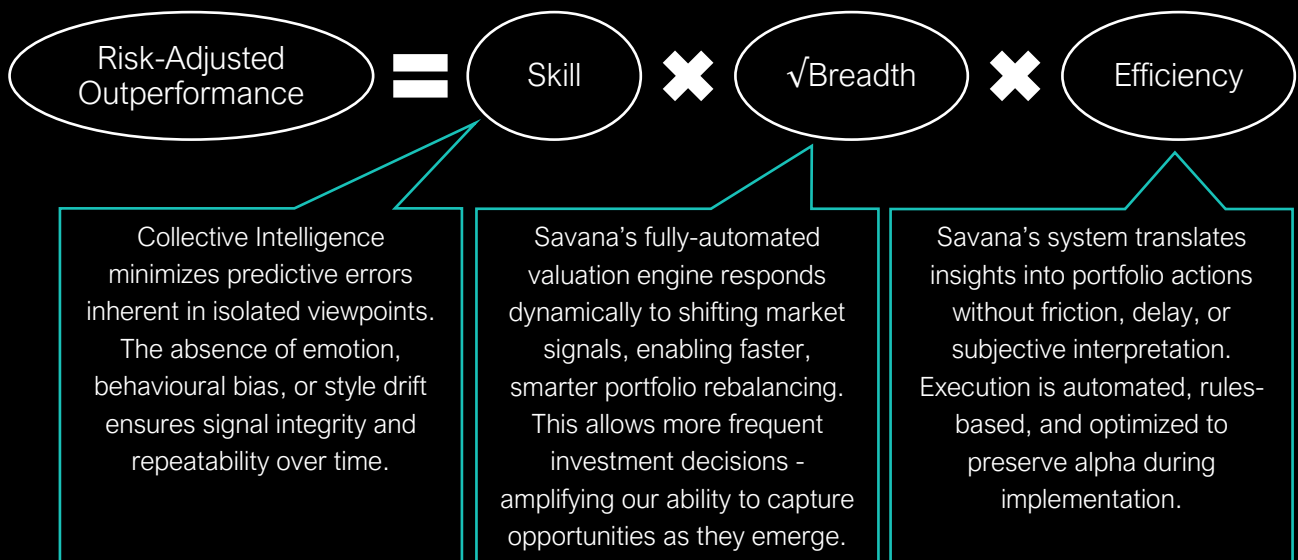
The US Small Caps Strategy (the “Strategy”) was run as a contemporaneous paper-trade fund between 1 July 2022 to 7 November 2024, managed and executed in real-time. The Strategy employed Savana’s proprietary Collective Intelligence algorithms to invest in the 30 most undervalued companies listed on the NASDAQ and NYSE, rebalancing this portfolio on a bi-monthly basis. The Strategy is benchmarked against the S&P 500 Total Return Index (AUD).

Investment Philosophy

Philosophy in Code: Harnessing Collective Intelligence at Machine Speed

At the core of Savana’s approach is a belief that no single investor - no matter how skilled - can consistently out-think the market. But when diverse, independent perspectives are aggregated systematically, they can yield a powerful edge. This is the essence of Collective Intelligence - the idea that crowds, when properly filtered and synthesized, make better decisions than individuals. Savana codifies this empirical philosophy into technology. Every day, our proprietary technology platform evaluates over 60,000 securities, distilling complex, bottom-up data into high-conviction positions. This is active management reimaged: philosophy embedded in code, executed at machine speed.

Figure 1: The Fundamental Law of Active Management (Grinold and Kahn)



Investment Style

Beyond the Herd: Targeting Value Where Others Look Away

We strategically focus on the under-explored small to mid-cap market segment, where our technological edge allows us to unearth deep insights into undervalued companies often invisible to larger players. This common oversight creates a persistent “High-Alpha Niche”, where our regular algorithmic sweep consistently discovers undervalued companies with strong fundamentals and compelling upside.

Crucially, we are unconstrained by conventional thinking. Unlike peers who tend to hug benchmarks or diversify away conviction, we concentrate our efforts into high-concentration,

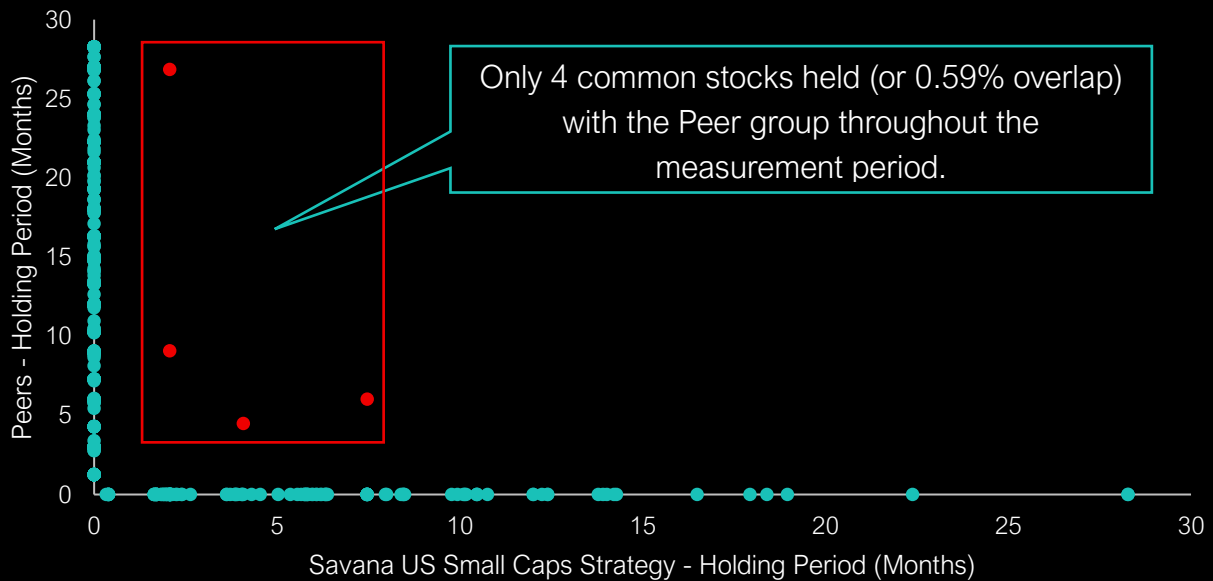
high-potential positions and move dynamically as the signal shifts. This differentiated approach allows us to uncover mispriced companies early, act decisively, and beat the crowd - positioning the Strategy to generate uncorrelated, superior returns over time.

Figure 2: Choosing Stocks that Others Don't

Savana versus Peers (*JPMorgan Small Cap Equity Fund (VSEI.X)*, *Morgan Stanley Calvert Small-Cap Fund (CCVA.X)*, *T.Rowe Price Small-Cap Stock Fund (OTCF.X)*)

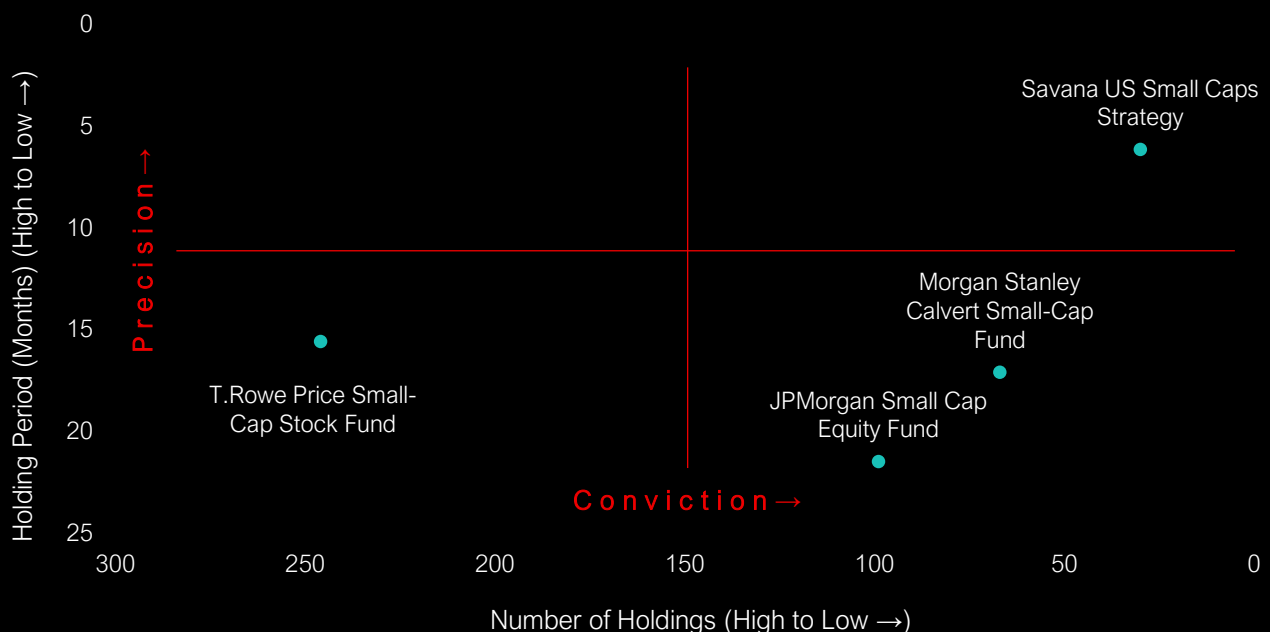
Stock Holding Periods across Measurement Period (total # of months = 28).

(dots coloured in red represent common stocks held)



Our unique, contrarian strategy is validated by minimal portfolio overlap with Peers. Among the 682 stocks held by the relevant peers over the measurement period, only 4 stocks overlapped with those held in the Strategy – equal to 0.59%. This compares to an overlap rate of ~30% between JPMorgan and Morgan Stanley Calvert.

Figure 3: Higher-Conviction, Higher-Precision



Our portfolio was also more concentrated and more actively managed. While we maintained a focussed exposure of no more than 30 positions at any time, Peer funds held 99, 67, and 246 stocks respectively as of 7-Nov-24. Our average holding turnover was higher too, with an average holding length of 6 months, compared to 18 months for the peer group. This elevated rebalancing frequency reflects Savana's ability to respond more dynamically to evolving market signals - enabling sharper, more precise decision-making and more frequent profit-taking.

By selecting stocks that others don't - and combining this with high-concentration, high-turnover portfolio construction - we build portfolios that are truly distinct from both Peers and benchmarks. While many Peers cluster closely around the benchmark, our deliberate differentiation lowers return correlation and creates the opportunity to deliver significantly outsized performance.

	Savana US Small Caps Strategy	JPMorgan Small Cap Equity Fund	T.Rowe Price Small-Cap Stock Fund	Morgan Stanley Calvert Small-Cap Fund	S&P 600 TR (AUD)
Total Return (%) (AUD)	130.17%	42.55%	41.91%	38.88%	41.31%

Figure 4: Buy when Others are Selling... and Sell when Others are Buying

Algorithms in Action: Ryerson Holding Corporation



We're contrarian not just in what we buy, but when we buy it. Our fearless algorithms tend to step in as companies bottom-out - taking advantage of beaten-down prices and locking in real upside - then exiting prior to peak, once the value signals fade. By selling ruthlessly, we lock in gains before sentiment turns euphoric and fundamentals get stretched. This disciplined timing captures more gain while avoiding momentum hype.

Figure 5: Buying into Pessimism to Achieve Superior Risk-Adjusted Returns

ATTRACTIVE FUNDAMENTALS			SUPERIOR RISK-RETURN		
	Savana US Small Caps Strategy	Benchmark ¹		Savana US Small Caps Strategy	S&P 600 TR (AUD)
Market Cap	US\$5.01bn	US\$4.01bn	Total Return (%)	130.17	41.31
Trailing P/E	4.20x	13.51x	Annualized Return (%)	42.59	15.85
Price-to-Book	0.96x	3.21x	Information Ratio	2.26	-
Price-to-Cash Flow	6.94x	15.09x	Beta	1.09	1.00
Dividend Yield (%)	3.64%	1.82%	Volatility (%)	20.05	14.83
Debt-to-Capital	43.16%	41.73%	Downside Volatility (%)	13.88	9.63
			Sharpe Ratio	1.93	0.81
			Sortino Ratio	2.79	1.25

Time-weighted average of portfolio-level fundamentals across the measurement period. Risk-return metrics are all-time as of November 2024. 1 Fundamentals from the iShares Core S&P Small-Cap ETF (NYSE:IJR) is used as a proxy for the S&P 600 TR Index.

By targeting fundamentally sound businesses precisely when they are overlooked and oversold, our contrarian approach systematically exploits market inefficiencies. For every dollar invested, our portfolios secure more earnings and cash flow from companies that are typically more profitable, less leveraged, and more financially resilient.

Figure 6: Skill Not Luck

Brinson Sector Attribution Analysis

Performed using Capital IQ Pro. The iShares Core S&P Small-Cap ETF (NYSE:IJR) is used as a proxy for the S&P 600 TR Index (introducing some minor FX and tracking differences relative to the actual Benchmark).

Totals	Return		Attribution			
	Strategy	IJR	Allocation (1)	Currency (2)	Selection (3)	Total (1+3)
	130.17%	40.06%	0.75%	1.16%	89.36%	90.11%

1. Outperformance due to Strategy being over or under-weight a specific sector relative to IJR
2. Outperformance due to currency depreciation of AUD/USD incorporated into selection and allocation
3. Outperformance due stock selection within sector being over or under-weight a specific stock relative to IJR

Sector attribution confirms that over 99% (89.36 / 90.11) of Savana's outperformance is driven by active stock selection - underscoring the strategy's high conviction and elevated active share. This result was validated by a separate, independent analysis performed by Foresight Analytics as of February 2024, which concluded "the evidence suggests that Savana is not just a factor or smart-beta manager but also a skilled stock picker, which is evident from their consistent outperformance of factor benchmarks. Its strong stock selection was persistent and pronounced even after adjusting for the market, sector and style." While traditional fund managers are challenged by consistency and "form", Savana's coded, algorithmic process enables its stock-picking skill to be delivered with consistency, repeatability, and scale.

Performance

Delivering on the Contrarian Edge

The Strategy delivered a 130.17% total return (42.59% p.a.) across the measurement period, representing an 88.86% (26.74% p.a.) outperformance of the benchmark.

Figure 7: Total Cumulative Return Over Time



Figure 8: Calendar Year Return

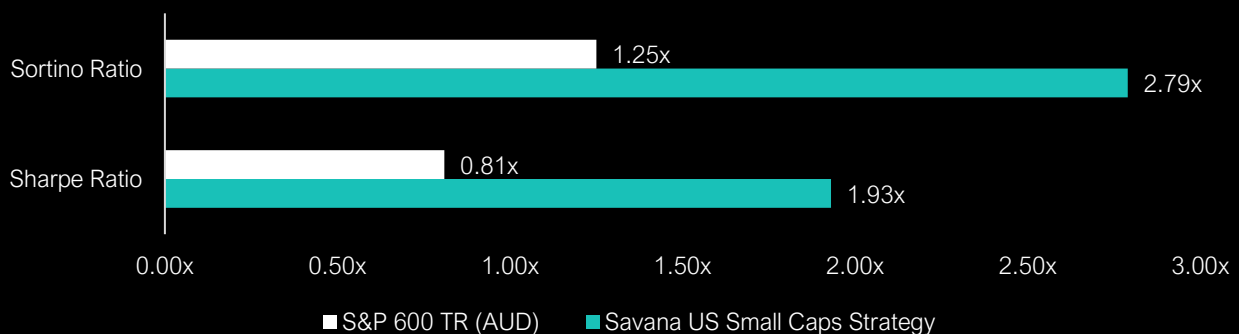
	2022 (from 1-Jul)	2023	2024 (to 7-Nov)	Inception
Savana US Small Caps Strategy	21.34%	62.98%	16.39%	130.17%
S&P 600 TR (AUD)	2.70%	15.92%	18.69%	41.31%
Relative	18.63%	47.07%	-2.31%	88.86%

Risk-Adjusted Returns

Transforming Risk into Outperformance

The Strategy delivered substantially higher Sharpe (2.79) and Sortino (1.93) ratios relative to the benchmark (1.25 and 0.81), representing significantly higher returns per unit of volatility.

Figure 9: All-Time Sharpe & Sortino Ratios



Ratios computed based on the annualised return and volatility over the measurement period. The risk-free rate used is the average 3-Month Australian Bank Accepted Bill Rate.

Upside / Downside Capture

Engineering Performance Asymmetry

Figure 10: Avg. Monthly Upside/Downside Returns

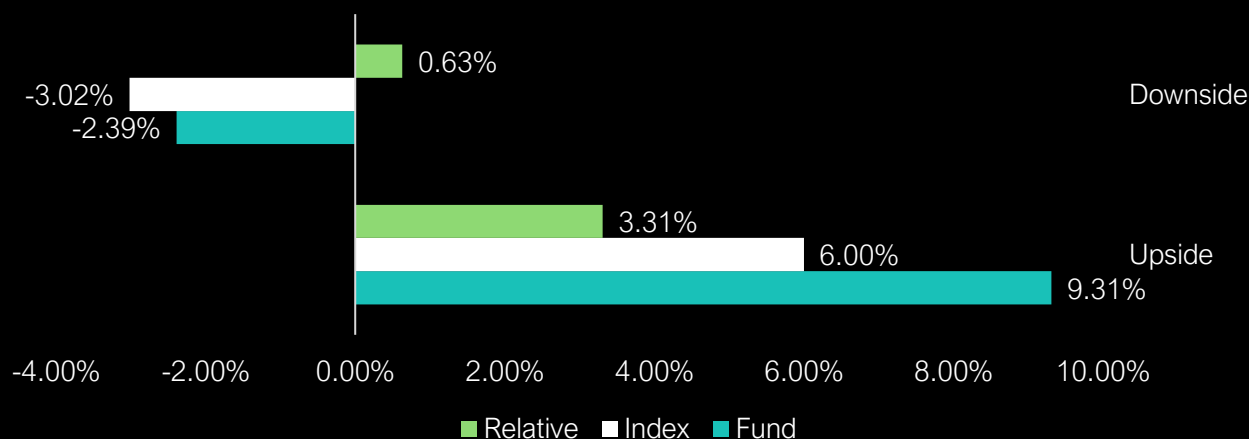
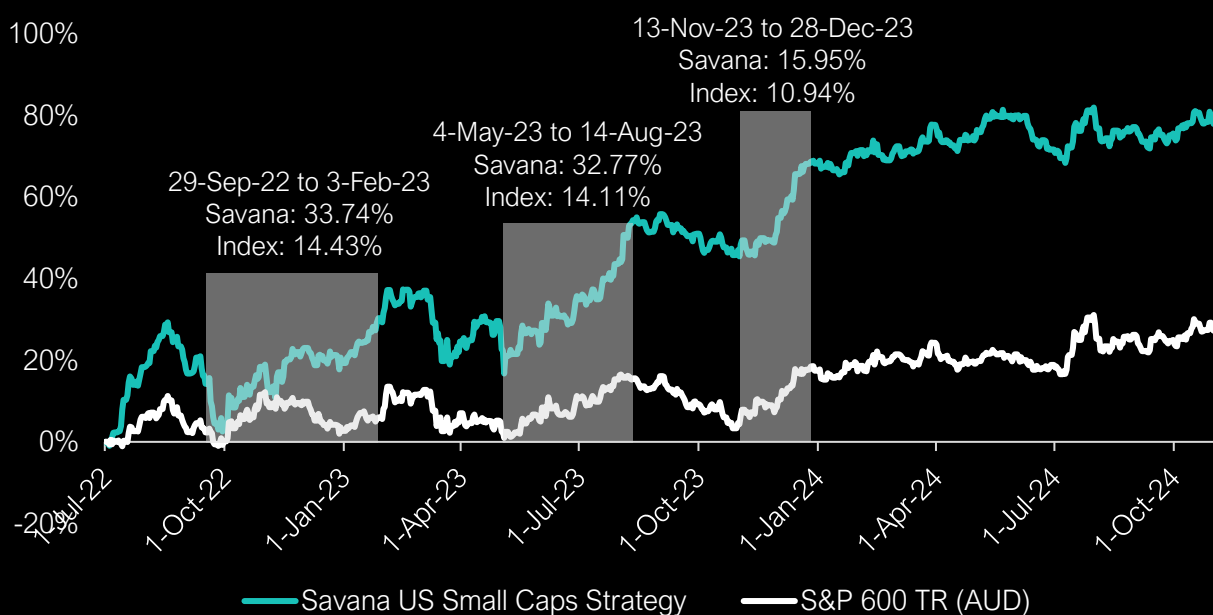


Figure 11: Outsized Upside Performance in Market Rallies (Log Returns)



Our US Small Caps Strategy is engineered to navigate market cycles with precision - staunchly defending capital during downturns while capturing significantly more upside during rallies. Based on monthly capture ratios, the Strategy delivered substantial alpha in rising markets (+3.31% average outperformance during positive months), while also modestly outperforming the benchmark in negative months (+0.63%).

This positive asymmetry is a direct result of our bottom-up, fundamentals-driven approach. By selecting undervalued companies with built-in margins of safety, we target oversold stocks that have limited downside risk and meaningful potential for upside, driven by either a valuation re-rating and / or the compounding power of the companies' strong fundamentals. This disciplined, unemotional exploitation of market inefficiencies is the foundation of our ability to consistently generate alpha.

Winners and Losers

Minimizing Error to Predict More Winners, More Often

Figure 12: Historical Profit and Loss by Stock

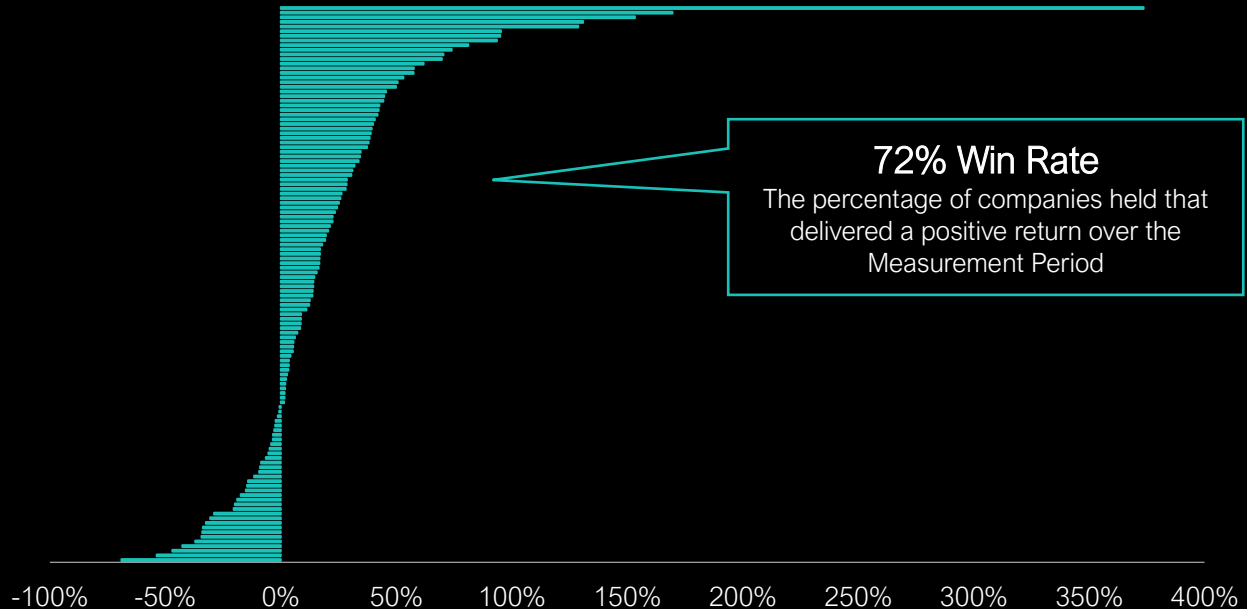


Figure 13: Top / Bottom Securities by Return & Contribution

Top	Return	Contribution	Bottom	Return	Contribution
Jackson Financial Inc.	373.62%	8.19%	QVC Group Inc.	(69.03%)	(7.28%)
United States Cellular Corp	169.61%	7.10%	Emergent BioSolutions Inc.	(37.05%)	(3.13%)
Telephone & Data Systems	128.78%	5.92%	Canadian Solar Inc.	(53.75%)	(2.64%)
Stellantis N.V.	153.35%	5.78%	ZIM Integrated Shipping Services	(46.97%)	(2.14%)
Vir Biotechnology, Inc.	57.58%	5.73%	Anywhere Real Estate Inc.	(32.44%)	(2.00%)
Ryerson Holding Corporation	81.19%	5.13%	Algoma Steel Group Inc.	(18.88%)	(1.93%)
Genworth Financial, Inc.	95.32%	5.12%	Nu Skin Enterprises, Inc.	(42.67%)	(1.81%)
Customers Bancorp, Inc.	93.57%	5.01%	Lumen Technologies, Inc.	(30.58%)	(1.75%)
TPG Inc.	53.08%	4.52%	Petco Health & Wellness Company	(34.34%)	(1.74%)
M/I Homes, Inc.	69.72%	4.43%	Adient plc	(33.72%)	(1.38%)
Average / Total	127.58%	56.94%		(39.94%)	(25.80%)

The Strategy's total returns profit ledger demonstrated a significant positive skew toward performing stocks. The percentage of profitable positions in the Fund was 72%. The average return of any one stock across the portfolio was 22%. Furthermore, gains from the top 10 stocks outweighed losses from bottom 10 stocks by 3.4x.

Portfolio Breakdown

Balancing Bold Bets with Natural Spread

Figure 14: Portfolio Weight by GICS Industry

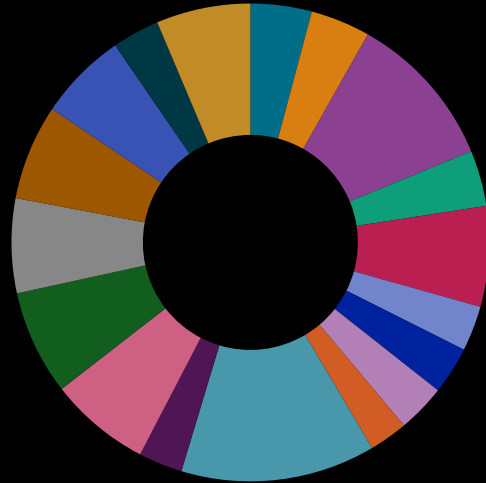


Figure 15: Portfolio Returns by GICS Sector

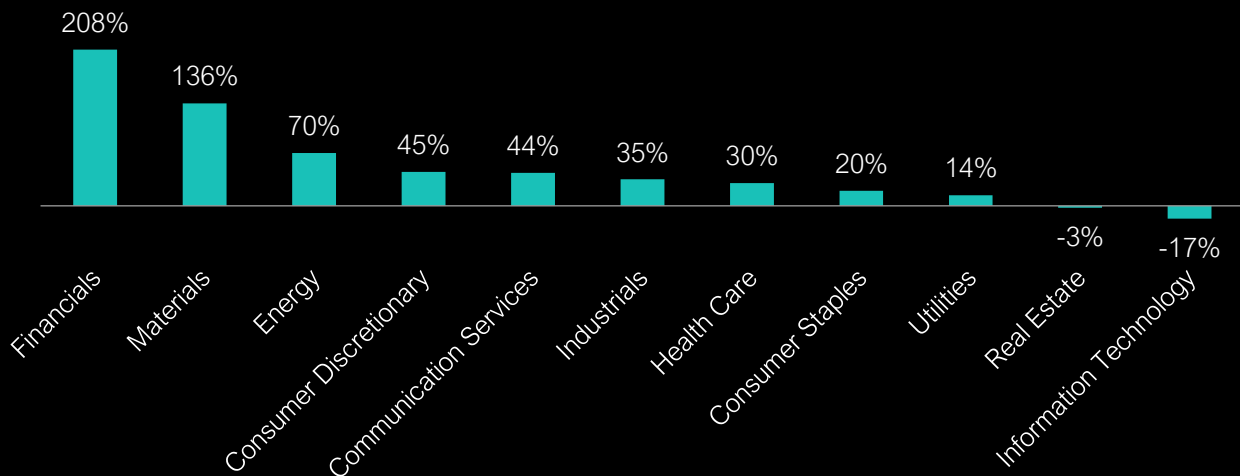


Figure 16: Portfolio Weight & Returns by Market Cap Band



Savana's algorithmic stock selection methodology integrates robust sector-level valuation frameworks, resulting in naturally diversified portfolios - even without explicit diversification parameters. This organic spread across sectors acts as an additional safety net, helping to cushion against industry-specific cycles and enhance risk-adjusted returns. Notably, over 90% of portfolio holdings consistently fall within the US\$500 million to US\$10 billion market cap range, positioning the strategy firmly within the US small- to mid-cap (SMID) segment.

Beyond Human Limits

The Savana US Small Caps Strategy seeks to explore what's possible when the boundless potential of technology is harnessed to re-engineer Funds Management. Our fully digitalised investment approach isn't designed to mimic human decision-making - but redefine it entirely.

This is *Beyond Human Limits* - an investment philosophy grounded in science, executed through technology, and unleashed without human intervention, emotion, or fear. The strategy's compelling paper-trade performance - marked by significant outperformance and superior risk-adjusted returns - affirms our conviction that our cutting-edge approach offers a powerful, differentiated solution to alpha.

Now listed as a publicly traded ETF on the ASX, the strategy marks a new era in active investing - one where data, discipline, and design converge to unlock the markets in ways never before possible.

More Information

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Asset Management



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