

Smart Beta Portfolios

Isec's Smart Beta Offerings

Investor Type

Long Term Benefit

Risk

Instrument

Active Index

Conservative

Modest capital appreciation, with lower risk

Lags during extreme bull rallies

Stocks

Multifactor

Balanced

Capital appreciation, across all cycles

May lag during sharp rallies

ETFs

Momentum Quality

Aggressive

Highest capital appreciation

Experiences large drawdowns

Stocks



Low Risk

High Risk

Performance Snapshot

Strategy	Inception Date		1 Month	3 Months	6 Months	1 Year	2 Years	Since inception
		Portfolio	-0.62	-1.05	10.52	-12.46	15.22	16.55
Multifactor	13-Jan-23	Nifty 50 TRI	-1.21	-0.71	11.33	-2.01	14.00	14.05
		Excess Return	0.59	-0.34	-0.81	-10.45	1.22	2.50
		Portfolio	-1.19	-1.02	12.85	-15.85	19.53	10.08
MQDAP	17-Nov-21	Nifty 50 TRI	-1.21	-0.71	11.33	-2.01	14.00	9.73
		Excess Return	0.02	-0.31	1.52	-13.84	5.53	0.35
		Portfolio	-0.48	1.27	12.59	-10.90	17.65	13.60
Active Index	22-Apr-19	Nifty 50 TRI	-1.21	-0.71	11.33	-2.01	14.00	13.58
		Excess Return	0.73	1.98	1.26	-8.89	3.65	0.02

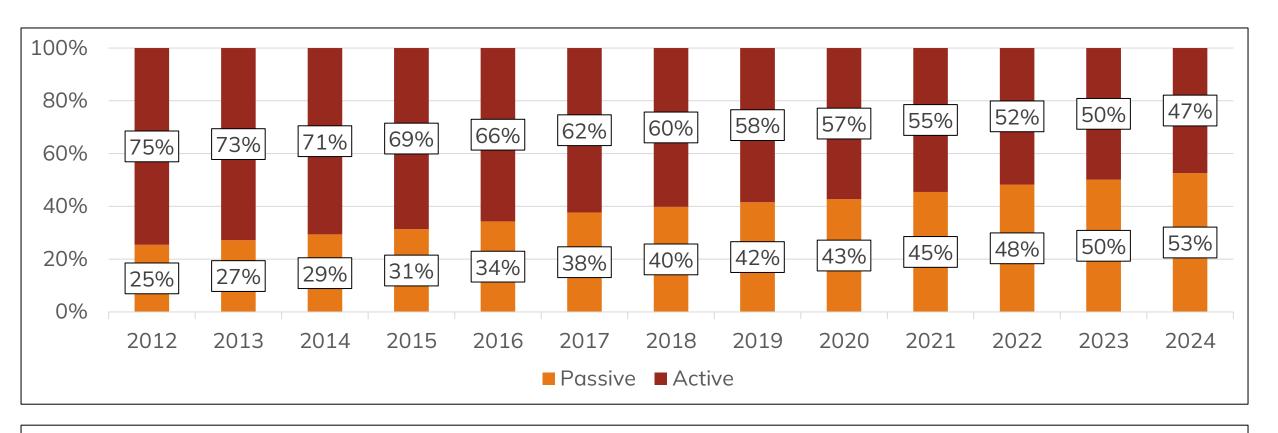


Data Date: 31 Aug 2025 Source: NSE, ICICI Securities



The Growth of Passive Investing

Passives dominate flows in the US

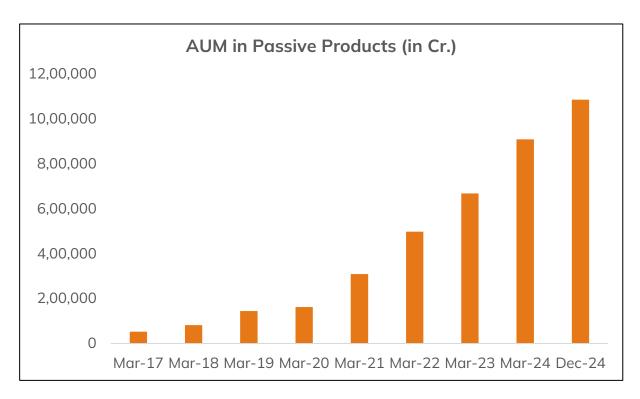


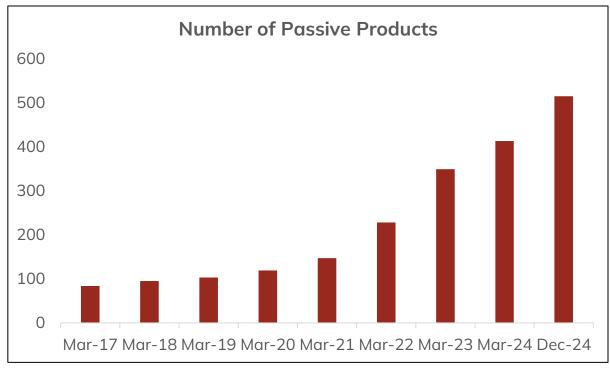
Passive AuM in the US, surpassed Active AuM at the end of 2023. Passives today command 53% of the total US AuM.



Source: Bloomberg, Morningstar

India is a few years behind, but getting there...





Passive AuM in India has grown by 21x in the last 8 years, from ~ 50,000 cr. to ~ 11,00,000 cr.

The number of passive products available to investors has grown from 84 to 515, over this time



Source: NSE

Active Funds find it tough in a mature market...

Category	Benchmark	Number of funds considered	% of Alpha Funds
Large & Mid Cap	NIFTY Large Midcap 250	20	10%
Large Cap	Nifty 100	25	16%
Mid Cap	NIFTY Midcap 150	21	29%
Multi Cap	Nifty 500 Multicap 50:25:25	7	29%
Flexi Cap	NIFTY 500	20	35%
Small cap	NIFTY Smallcap 250	14	79%

A fund is tagged an 'Alpha Fund' when it outperforms its benchmark at least 50% of the times, over all possible 3-year rolling periods, over the period analyzed.



Range of ETFs available to investors

Category	Sub-category	Benchmark
	Mega cap	Nifty 50
	Next set of large cap	Nifty Next 50
Market Cap	Mid cap	Nifty Mid Cap 150
	Small cap	Nifty Small Cap 250
	The full spectrum	S&P BSE 500
Debt		Nifty Bharat Bond Index
Common dition	Gold	Price of Gold
Commodities	Silver	Price of Silver
Global	Technology	NYSE FANG+
Global	Diversified	S&P 500

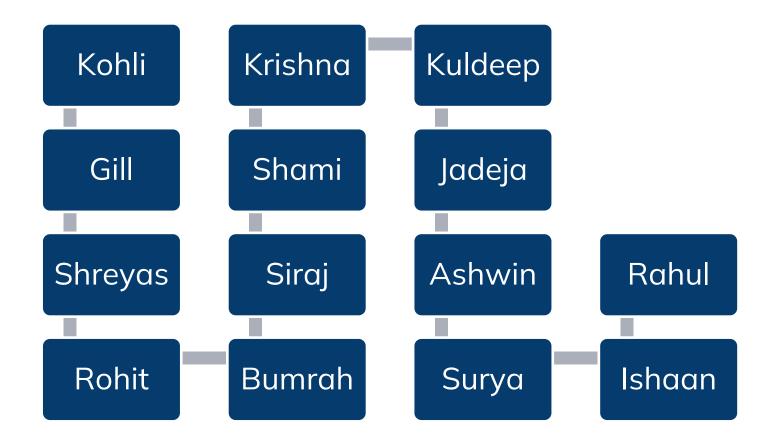
Category	Sub-category	Benchmark
	PSU	Nifty CPSE
	Banks	Nifty Bank
Sector / Thematic	Pharma / Healthcare	Nifty Pharma
	IT	Nifty IT
	<u>A</u> u <u>to</u>	Nifty Auto
	Momentum	Nifty 200 Momentum 30
Carried hada	Quality	Nifty 200 Quality 30
Smart-beta	Low Volatility	S&P BSE Low Volatility
	Value	S&P BSE Enhanced Value
ESG		Nifty 100 ESG Sector Leaders





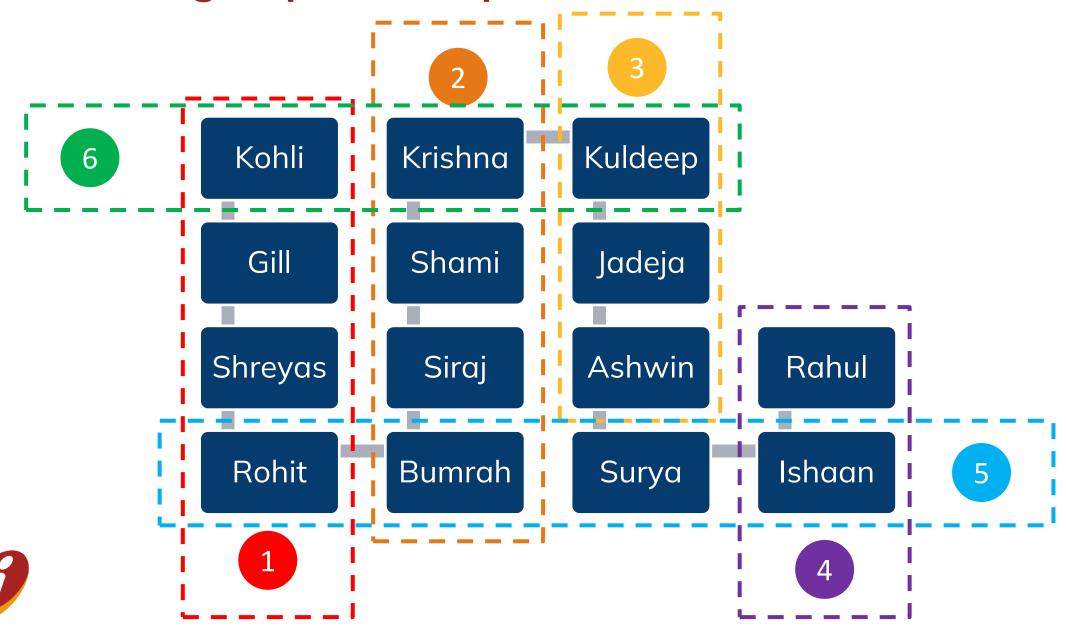
What is Factor Investing?

Any guesses?





Factors are groups that represent a characteristic

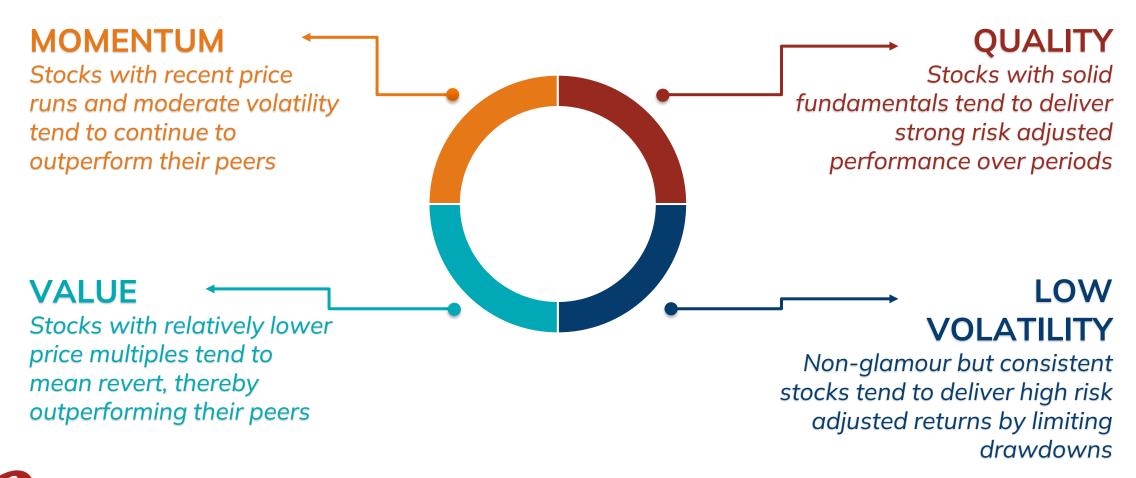




Multifactor ETF Portfolio

ICICI Securities Multifactor ETF Portfolio

A smart & dynamic combination of factors



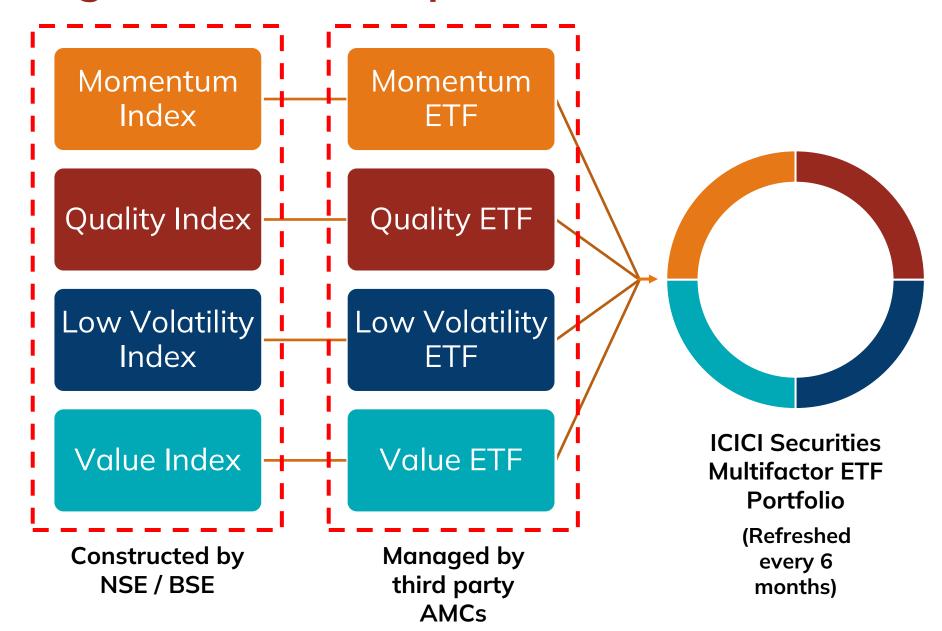


Constructing a typical factor index





Constructing the multifactor portfolio



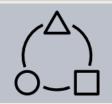


Why should one invest?













Simple

to look at, with just 4 ETFs in your portfolio at all times Nifty like risk

aims to
outperform
Nifty, but
without
taking excess
risk

Rulesbased

lets data
drive
decisions &
takes
emotions out
of investing

Diversified

uses 4
distinct
equity factors
which react
differently to
markets

Low churn

costs matter, and the portfolio aims to keep those down Constantly Improving

keeps
evaluating
new ETFs &
improves
model over
time



Long Term Performance

	Nifty 50	Nifty 200	Multifactor Portfolio ³
Return¹ (%)	14.77	15.93	21.01
Risk² (%)	16.01	16.49	15.84
Return / Risk	0.92	0.97	1.33
			 -



1 Returns are gross of all expenses

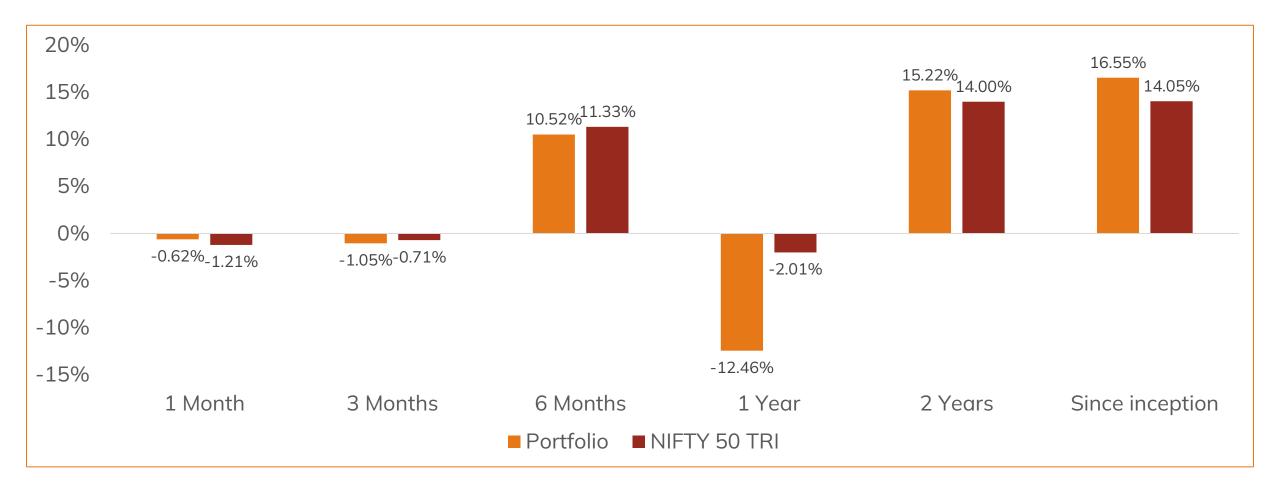
- 2 Risk is defined by volatility computed as annualized standard deviation using monthly return
- 3 Returns are backtested prior to product launch & model returns post launch. Please refer to the next page for live performance.

 Returns presented on a TWRR basis, gross of expenses The performance related information provided herein is not verified by SEBI. Please visit APMI website

www.apmiindia.org under report section to view the performance of other portfolio managers.



Live Performance



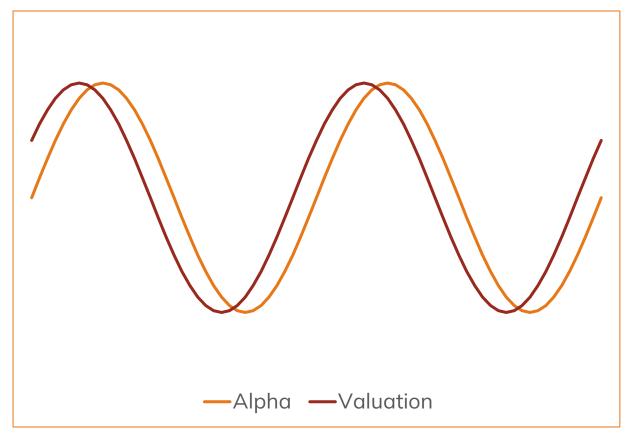


Inception Date: 13 Jan 2023 Data Date: 31 August 2025 Source: NSE, ICICI Securities

Returns are TWRR net of all fees and expenses (excluding taxes), all cash holdings and investments in liquid funds. The performance related information provided herein is not verified by SEBI. Please visit APMI website www.apmiindia.org under report section to view the performance of other portfolio managers.

Putting them all together...

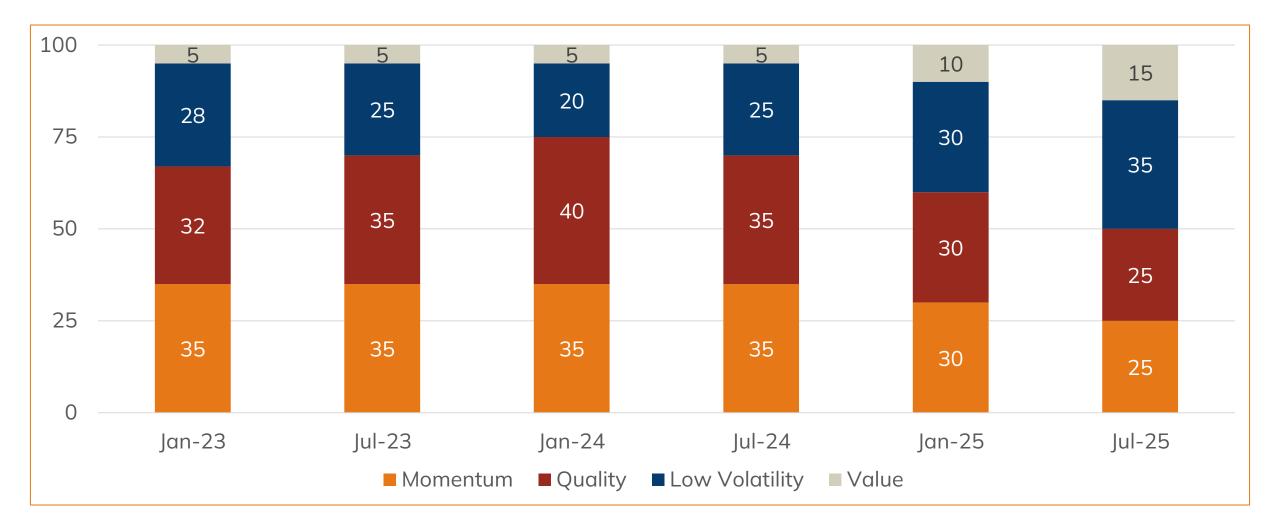
Factor alpha is cyclical



- As any factor outperforms the index, it starts becoming expensive relative to the market.
- > As the factor becomes expensive, its expected alpha reduces.
- Likewise, the factor becomes more attractive as its valuation measures reduce.
- ➤ The 'timing strategy' relies on assigning weights to factors based on their respective valuation measures.



Historical Allocations





Period: Jan 2023 – Jul 2025 Source: ICICI Securities

Dynamic allocation with overlays

Representation

All 4 factors represented at all times

Diversification

Maximum weight assigned to any factor = 60%

Dynamic Allocation

Correlations

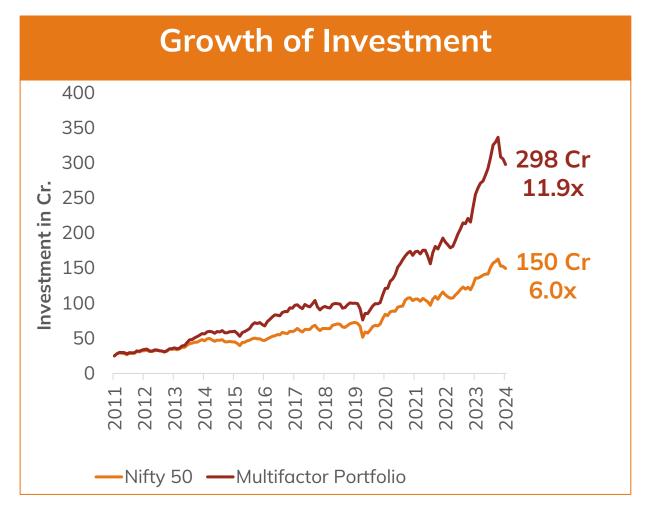
Maximum weight assigned to Quality + Low Volatility = 60%

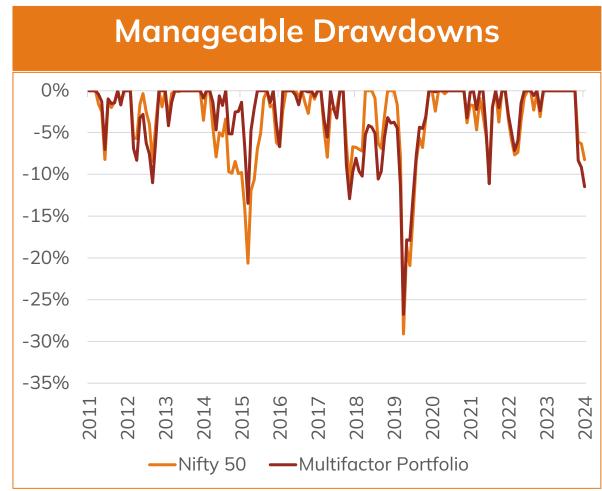
Risk Aware

Maximum weight assigned to Value = 30%



Long-term alpha at manageable risk







Period: Jan 2012 – Dec 2024 Source: NSE, ICICI Securities

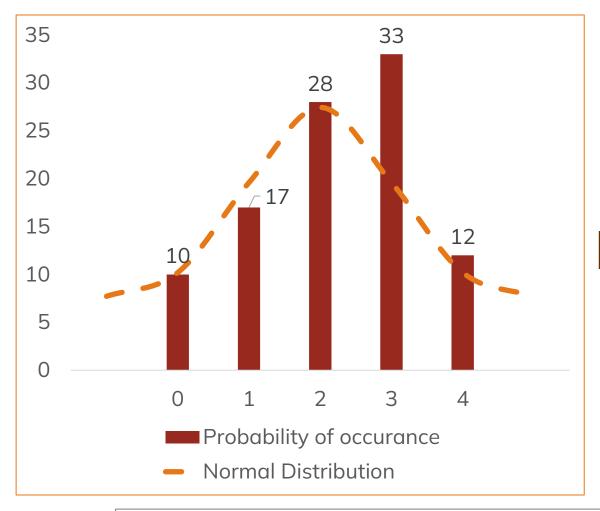
Rolling Returns

		1 Year	3 Years	5 Years
Probability of outperformance (%)		77	83	~ 100
	Max	24.76	15.24	10.20
Outperformance	Avg	7.37	6.37	5.48
Outper	Min	-9.81	-3.62	1.15



Period: Jan 2012 – Dec 2024 Benchmark: Nifty 50 TRI Source: NSE, ICICI Securities

How many of the 4 factors, outperform together?





- ➤ All 4 factors may underperform the benchmark, ~ 10% of the time. The portfolio will underperform during such times.
- > This is balanced by all 4 factors outperforming, ~ 12% of the times.
- The reason, a multifactor approach adds value, is because 3 of the 4 factors outperform together ~ 33% of the time, as compared to only 17% of the time, when 3 underperform.



Period: Jan 2012 – Dec 2024 Benchmark: Nifty 50 TRI Source: NSE, ICICI Securities

Trailing Performance - Multifactor

	Nifty 50	Multifactor Portfolio	Alpha
Last 1 Yr	10.09	16.60	6.52
Last 2 Yrs	15.56	26.16	10.60
Last 3 Yrs	12.17	19.74	7.57
Last 5 Yrs	15.53	24.38	8.84
Last 7 Yrs	13.62	17.35	3.73
Last 10 Yrs	12.42	18.14	5.72
Last 13 Yrs	14.77	21.01	6.24



Period: Jan 2012 – Dec 2024 Source: NSE, ICICI Securities

Calendar Year Performance – (Last 10 years)

	Nifty 50	Multifactor Portfolio	Alpha
2015	-3.01	7.18	10.19
2016	4.39	12.24	7.84
2017	30.27	43.60	13.34
2018	4.64	-1.64	-6.28
2019	13.48	4.68	-8.80

	Nifty 50	Multifactor Portfolio	Alpha
2020	16.14	21.29	5.15
2021	25.59	42.96	17.36
2022	5.69	7.86	2.17
2023	21.30	36.50	15.20
2024	10.09	16.60	6.52



Period: Jan 2012 – Dec 2024 Source: NSE, ICICI Securities



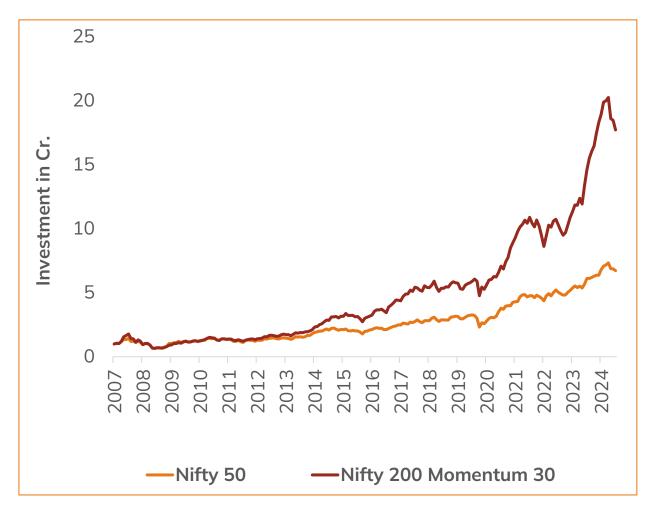
Momentum Quality Dynamic Advantage Portfolio

MQDAP – For Aggressive Investors

MOMENTUM QUALITY Stocks with solid Stocks with recent price runs and moderate volatility fundamentals tend to deliver tend to continue to strong risk adjusted performance over periods outperform their peers **VALUE** LOW Stocks with relatively lower VOLATILITY price multiples tend to Non-glamour but consistent mean revert, thereby stocks tend to deliver high risk outperforming their peers adjusted returns by limiting drawdowns



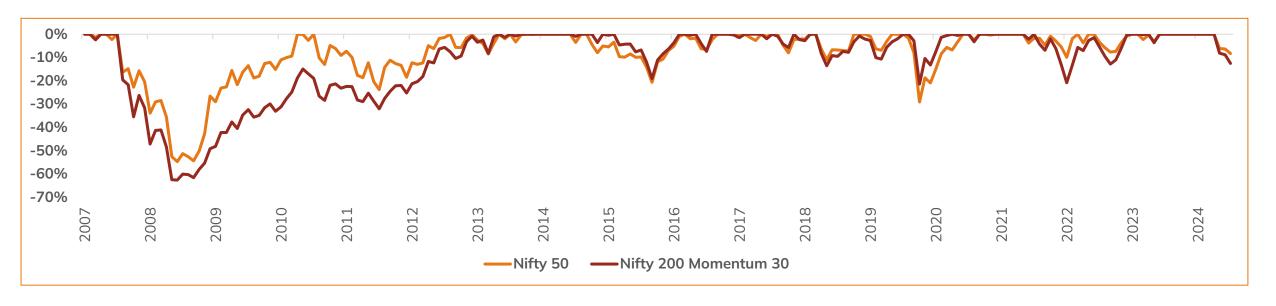
Momentum



- > Over the last ~ 17.5 years (2007-2024),
- ➤ Nifty 50 delivered a CAGR of 12%
- While Nifty 200 Momentum 30 delivered a CAGR of ~ 18%
- Which means a 1 Cr investment grows to 7
 Cr with Nifty 50, but 18 Cr with Nifty
 200 Momentum 30



The dark side of Momentum

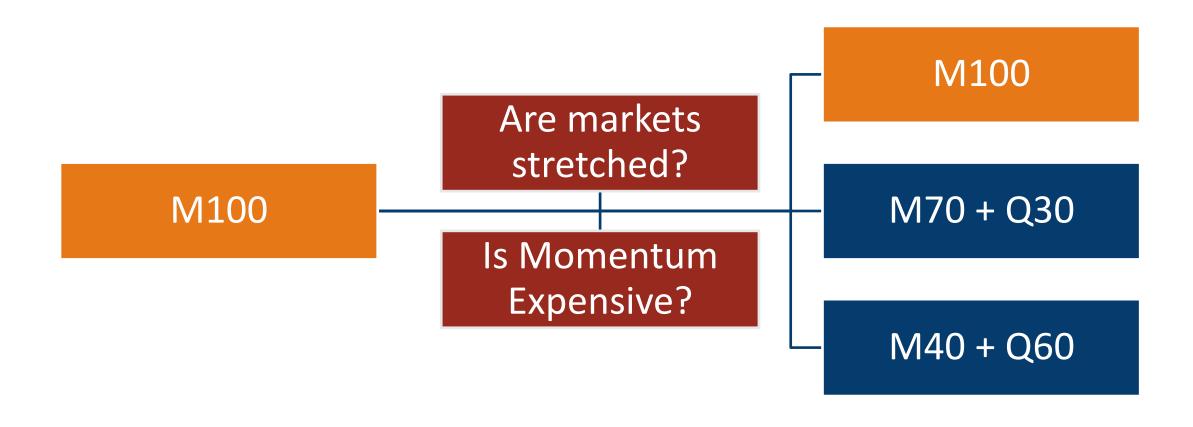


Jan 2008 -	- Nov 2008	Nov 2021 – Jun 2022		
Nifty 50	Momentum	Nifty 50	Momentum	
-55%	-63%	-10%	-21%	



Period: Jul 2007 – Dec 2024 Source: NSE, ICICI Securities

The secret sauce..





The edge over momentum index trackers...

	FY 24	FY25	Last 2 years (CAGR)
MQDAP	69.88	-4.49	27.35
Momentum Index Fund (Direct) - AuM > 7000 Cr.	69.58	-7.63	25.15
Alpha	0.30	3.14	2.20
Nifty 50	30.08	6.65	17.77
Alpha	39.80	-11.14	9.58



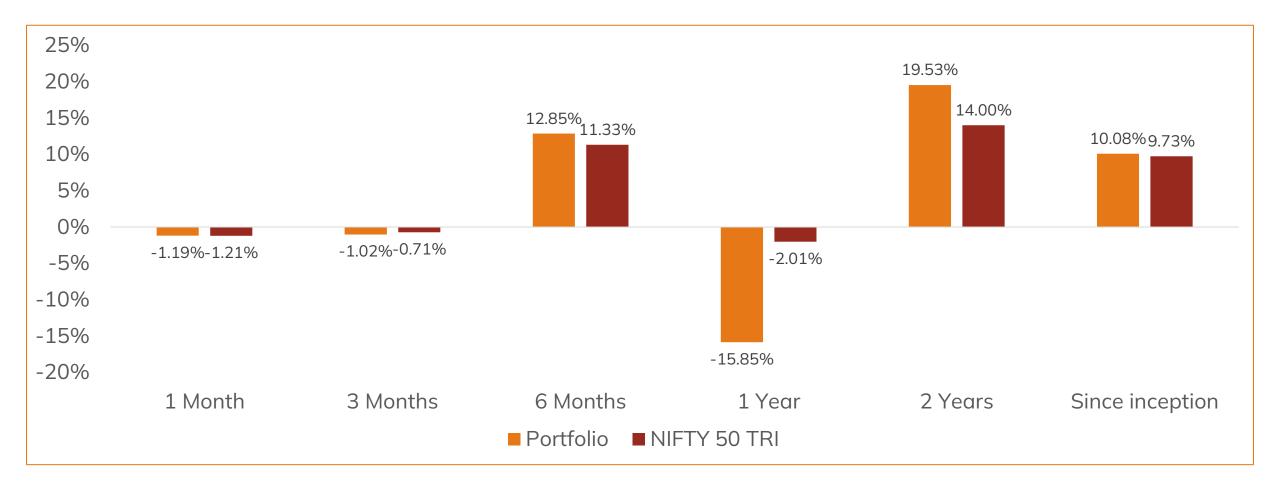
- A smarter rebalancing algorithm, coupled with de-risking capabilities using a dynamic allocation between Momentum and Quality, has helped MQDAP not only outperform the Nifty 50, but also the plain-vanilla index funds tracking Momentum.
- MQDAP, while suitable for aggressive investors, aims to deliver a 'value-add' on top of what they would receive through index funds and ETFs.



Period: Apr 2023 – Mar 2025

Source: NSE, ICICI Securities, Bloomberg

Live Performance





Inception Date: 17 Nov 2021 Data Date: 31 Aug 2025 Source: NSE, ICICI Securities

Returns are TWRR net of all fees and expenses (excluding taxes), all cash holdings and investments in liquid funds. The performance related information provided herein is not verified by SEBI. Please visit APMI website www.apmiindia.org under report section to view the performance of other portfolio managers.

Don't sell the big winners..

	FY 23-24
Number of stocks held by MQDAP	53
Return of MQDAP	70%
Return of Nifty 50	30%
Ctrb. of 7 best stocks	36% (51%)

Stock Name	Return	
HAL	293% (4x)	
REC	248% (3.5x)	
PFC	135% (2.5x)	
Trent	245% (3.5x)	

Momentum helps you buy those multi-baggers & then subsequently holds them, until their trend lasts. As emotional investors, we tend to sell them much earlier, even if we're able to identify them.



Rolling Returns

		1 Year	3 Years	5 Years
Probability of outperformance (%)		81	99	~ 100
Outperformance (%)	Max	47.94	16.74	13.90
	Avg	10.45	8.66	8.21
	Min	-8.26	-0.43	2.42



Period: Jan 2012 – Dec 2024 Benchmark: Nifty 50 TRI Source: NSE, ICICI Securities

Trailing Performance

	Nifty 50	MQDAP	Alpha
Last 1 Yr	10.09	25.23	15.14
Last 2 Yrs	15.56	34.35	18.79
Last 3 Yrs	12.17	21.67	9.50
Last 5 Yrs	15.53	27.61	12.08
Last 7 Yrs	13.62	20.45	6.83
Last 10 Yrs	12.42	21.54	9.12
Last 13 Yrs	14.77	23.77	9.00



Period: Jan 2012 – Dec 2024 Source: NSE, ICICI Securities

Calendar Year Performance – (Last 10 years)

	Nifty 50	MQDAP	Alpha
2015	-3.01	10.85	13.86
2016	4.39	9.56	5.17
2017	30.27	57.46	27.19
2018	4.64	-1.66	-6.30
2019	13.48	10.55	-2.93

	Nifty 50	MQDAP	Alpha
2020	16.14	25.39	9.25
2021	25.59	49.83	24.24
2022	5.69	-0.21	-5.90
2023	21.30	44.13	22.83
2024	10.09	25.23	15.14



Period: Jan 2012 – Dec 2024 Source: NSE, ICICI Securities



Active Index

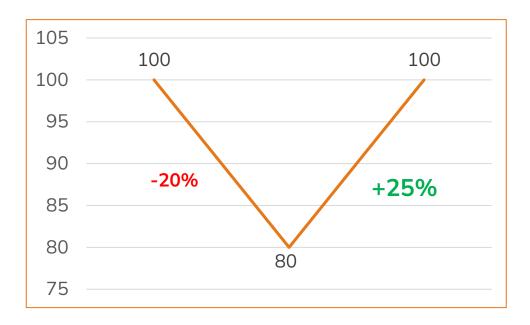
Active Index – For conservative investors

MOMENTUM Stocks with solid Stocks with recent price runs and moderate volatility fundamentals tend to deliver tend to continue to strong risk adjusted performance over periods outperform their peers LOW **VALUE** Stocks with relatively lower **VOLATILITY** price multiples tend to Non-glamour but consistent mean revert, thereby stocks tend to deliver high risk outperforming their peers adjusted returns by limiting drawdowns



Low Volatility

It takes less to lose money, and a lot more to make money

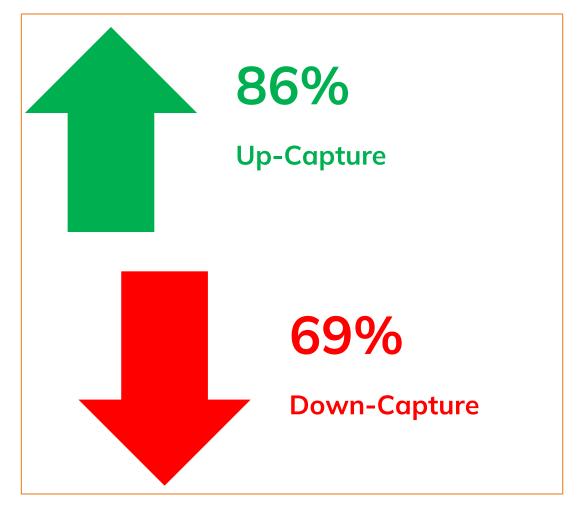


The more you fall, the tougher the ride back..

Fall	Rise needed to recover money
-10	+11
-20	+25
-50	+100
-75	+300



Low Volatility

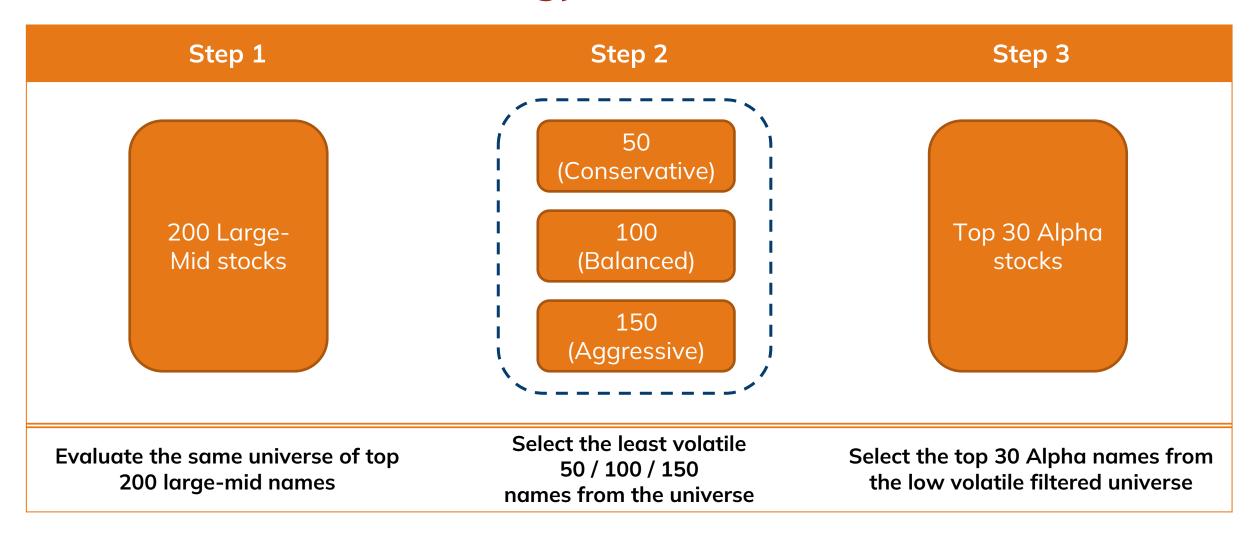


	Nifty 50	S&P BSE Low Volatility Index
Return (%)	11.51	16.24
Risk (%)	21.01	16.99
Return / Risk	0.55	0.96



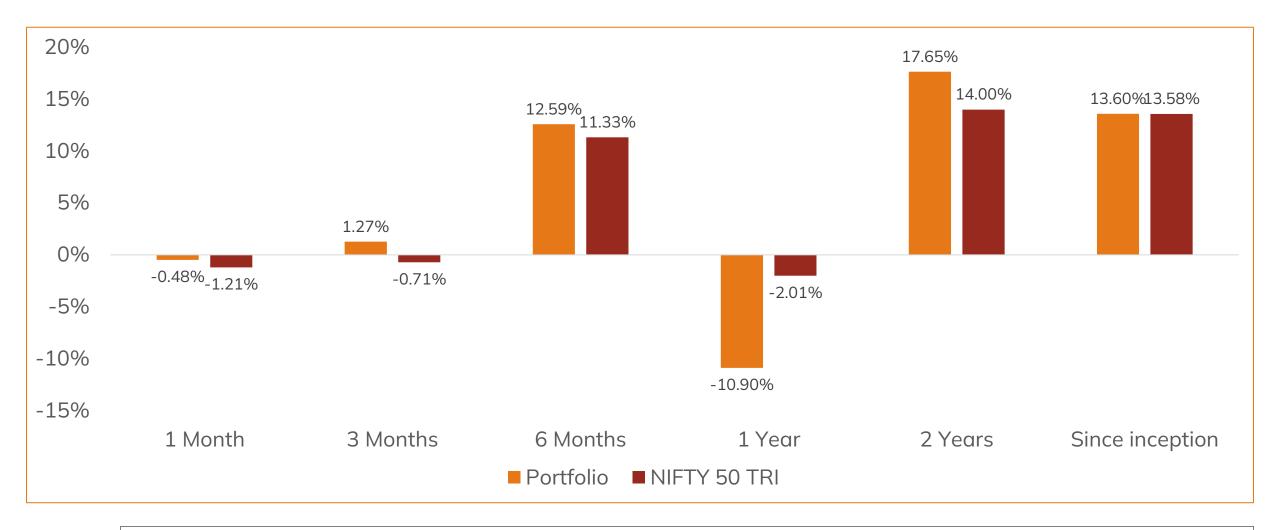
Period: Jul 2007 – Dec 2024 Source: NSE, BSE, ICICI Securities

Active Index - Methodology





Live Performance

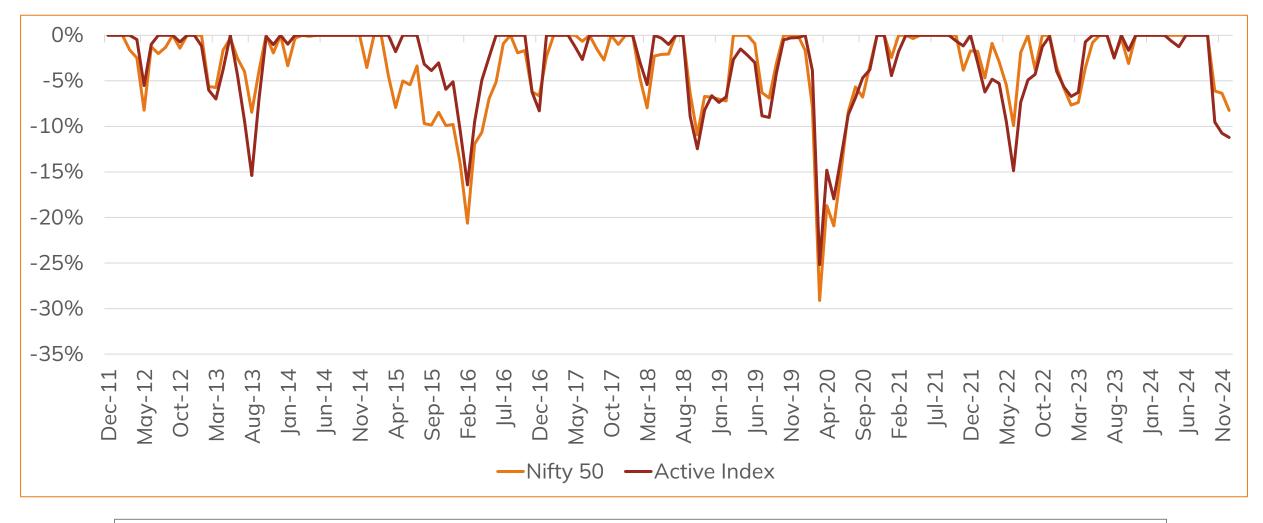




Inception Date: 22 Apr 2019 Data Date: 31 Aug 2025 Source: NSE, ICICI Securities

Returns are TWRR net of all fees and expenses (excluding taxes), all cash holdings and investments in liquid funds. The performance related information provided herein is not verified by SEBI. Please visit APMI website www.apmiindia.org under report section to view the performance of other portfolio managers.

Capital appreciation with moderate drawdowns





Period: Jan 2012 – Dec 2024 Benchmark: Nifty 50 TRI Source: NSE, ICICI Securities

Returns are backtested prior to product launch & model returns post launch. Please refer to the page titled 'live performance' for actual realized returns.

Rolling Returns

		1 Year	3 Years	5 Years
	bility of mance (%)	73	90	98
ce (%)	Max	60.70	28.16	18.24
Outperformance	Avg	9.14	8.93	8.03
Outper	Min	-23.04	-4.81	-0.47



Period: Jan 2012 – Dec 2024 Benchmark: Nifty 50 TRI Source: NSE, ICICI Securities

Returns are backtested prior to product launch & model returns post launch. Please refer to the page titled 'live performance' for actual realized returns.

Trailing Performance

	Nifty 50	Active Index	Alpha
Last 1 Yr	10.09	17.20	7.11
Last 2 Yrs	15.56	26.72	11.16
Last 3 Yrs	12.17	15.53	3.36
Last 5 Yrs	15.53	21.09	5.56
Last 7 Yrs	13.62	16.30	2.68
Last 10 Yrs	12.42	19.58	7.17
Last 13 Yrs	14.77	22.57	7.80



Period: Jan 2012 – Dec 2024 Source: NSE, ICICI Securities

Returns are backtested prior to product launch & model returns post launch. Please refer to the page titled 'live performance' for actual realized returns.

Calendar Year Performance – (Last 10 years)

	Nifty 50	MQDAP	Alpha
2015	-3.01	18.30	21.31
2016	4.39	19.01	14.62
2017	30.27	47.59	17.33
2018	4.64	3.48	-1.15
2019	13.48	6.82	-6.65

	Nifty 50	MQDAP	Alpha
2020	16.14	13.49	-2.65
2021	25.59	48.79	23.20
2022	5.69	-3.97	-9.66
2023	21.30	37.01	15.71
2024	10.09	17.20	7.11



Period: Jan 2012 – Dec 2024 Source: NSE, ICICI Securities

Returns are backtested prior to product launch & model returns post launch. Please refer to the page titled 'live performance' for actual realized returns. The methodology of Active Index was enhanced in Aug 2024.



Appendix

Quality

1 High ROE

2 Low D/E

Low Accruals Ratio / Earnings Variability

	Nifty 50	Quality Index
Return (%)	11.51	17.03
Risk (%)	21.01	18.35
Return / Risk	0.55	0.93



Period: Jul 2007 – Dec 2024 Source: NSE, BSE, ICICI Securities

Value

1 Low P/B

Low P/E

3 Low P/S

	Nifty 50	S&P BSE Enhanced Value Index
Return (%)	11.51	14.64
Risk (%)	21.01	31.72
Return / Risk	0.55	0.46



Period: Jul 2007 – Dec 2024 Source: BSE, ICICI Securities

Why include Value?

Value is negatively correlated with other factors

Momentum	1.00			
Quality	0.34	1.00		
Low Volatility	0.26	0.75	1.00	
Value	-0.08	-0.12	-0.30	1.00
	Momentum	Quality	Low Volatility	Value

And delivers positive excess returns, when other factors underperform

- > Over the last ~ 17.5 years (2007-2024),
- We have had 32 months, when all 3 factors Momentum, Quality and Low Volatility have underperformed the Nifty 200.
- Of these 32, Value delivered a positive excess return in 23 of these, representing a 72% diversification efficiency.



Selection criteria for factors...









Momentum

High 6-month Sharpe ratio

High 12-month Sharpe ratio



High ROE

Low Debt to Equity (Leverage)

Low earnings variability

Low Volatility

Low 12-month price volatility

Value

Low price-to-earnings

Low price-to-book

Low price-to-sales



Factor holdings

Momentum	Quality	Low Volatility	Value
Sun Pharma	ITC	Sun Pharma	SBI
Zomato	Nestle	ICICI Bank	Hindalco
M&M	HCL Tech	Page Industries	Grasim
HCL Tech	HUL	Dr. Reddy's Labs	ONGC
Trent	Infosys	HDFC Bank	BPCL



Methodology to determine an 'Alpha Fund'

- 1. We consider data starting 2018 (post the SEBI categorization of MFs).
- 2. Within each category, we look at all funds (regular growth), which are live today, and have a history since Jan 2018 (so 6 years & 2 months).
- 3. We calculate all possible 3 year combinations over this period. For example, Jan-18 to Dec-20, Feb-18 to Jan-21, all the way to, Mar-21 to Feb-24, a total of 39 periods.
- 4. We then look at how many of these 39 periods, has a fund outperformed it's category benchmark (Nifty 100 for large, Nifty 500 for flexi etc.)
- 5. If the fund has outperformed the benchmark 50% or more number of times, we classify that fund as an 'Alpha Fund'.
- 6. Then for each category, we calculate, of the total number of funds, how many are classified as 'Alpha Funds'.
- 7. For example, in Large Caps, of the 24 funds evaluated, only 3 (or 13%) pass the above test.





About ICICI Securities

A Financial Powerhouse

Fund Management Team

Piyush Garg – Chief Investment Officer	 Over 23 years of experience in Indian financial markets - Fixed income, Equities and Currencies & US bonds. Invited as spokesperson in various seminars in India and abroad on Global and domestic macro economics. Awarded 'Master Exemplar' by ICICI Group for 3 consecutive years 2016, 2017 & 2018 for outstanding contribution Have been successfully managing funds in various asset classes for the last couple of decades with strong macro-economic approach. Regularly gives his opinion on fund flows, macros, various indices on prime channels like CNBC, ET Now, etc MBA from IIM Kolkata
Tejas Kadam – Fund Manager	 Over 10 years experience in Quantitative, Smart Beta (Factor), Passive and ESG strategies Previously worked with Goldman Sachs Asset Management and MSCI (a leading index provider) An Electronics and Telecommunications Engineer with an MBA (Finance) Holds the CFA (US) charter since 2015



In-house research ecosystem

People

- 25 Member Fundamental Analyst team
- Won 25+ awards for best research house/analyst

- Coverage

 300+ Companies under coverage
- Coverage spread evenly between large cap (30%), mid cap (38%) & small cap (32%)

Differentiated products

- Running equity advised baskets since Sep 2016
- Golden stock basket from large and mid cap space





ICICI Securities – A Financial Powerhouse



Pioneers of online broking in India – Started in 2000

Leading equity broker in India¹ powered by ICICI Direct





Second largest non - bank mutual fund distributor²

One of India's largest private wealth management outfits with AUA of over INR1 tn





Active research coverage of around 300 companies across 16 sectors

Leading investment bank in equity capital market³





- 1. By brokerage revenue: Sources: Investor presentations, Annual reports & Estimates
- 2. Source: AMFI (in terms of revenue), period: FY18
- 3. Source: Prime database; for Equity Capital Market (ECM): IPO/FPO/InvIT, QIP/IPP, Rights issue, Offer for sale

Risk Factors & Disclaimers

Risk Factors & Disclaimers

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Risk foreseen: The investment strategy is based on ISEC Proprietary model and continues to have concentrated and systematic risks.

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