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**alpha architect**

# **ALPHA ARCHITECT VALUE MOMENTUM TREND ETF (VMOT)**

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# VMOT Construction Overview

# VMOT Component Details

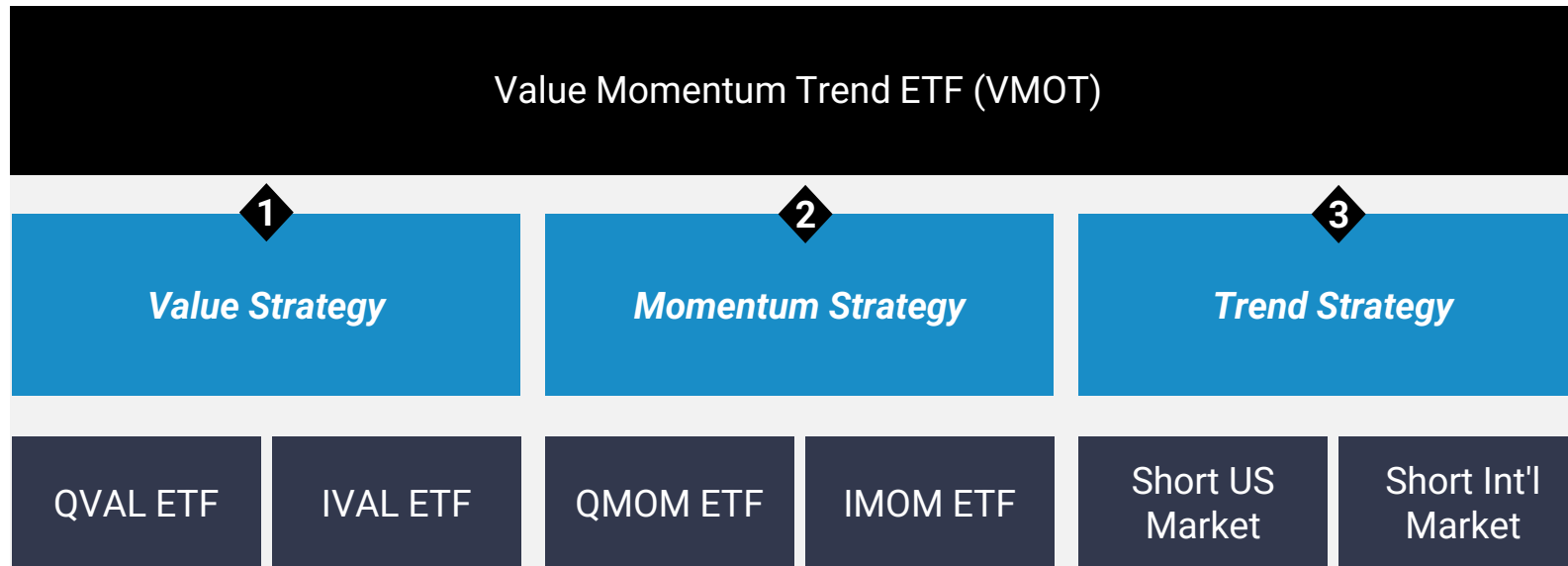
VMOT is a multi-factor approach that incorporates our long-only ETFs and a trend-following strategy into one ETF

Component Goal	VMOT	QVAL	IVAL	QMOM	IMOM
Value Exposure	✓	✓	✓		
Momentum Exposure	✓			✓	✓
U.S. Trend Exposure	✓				
International Trend Exposure	✓				
U.S. Exposure	✓	✓		✓	
International Exposure	✓		✓		✓

VMOT seeks to deliver risk-managed global equity factor exposure

# The Value Momentum Trend ETF Components

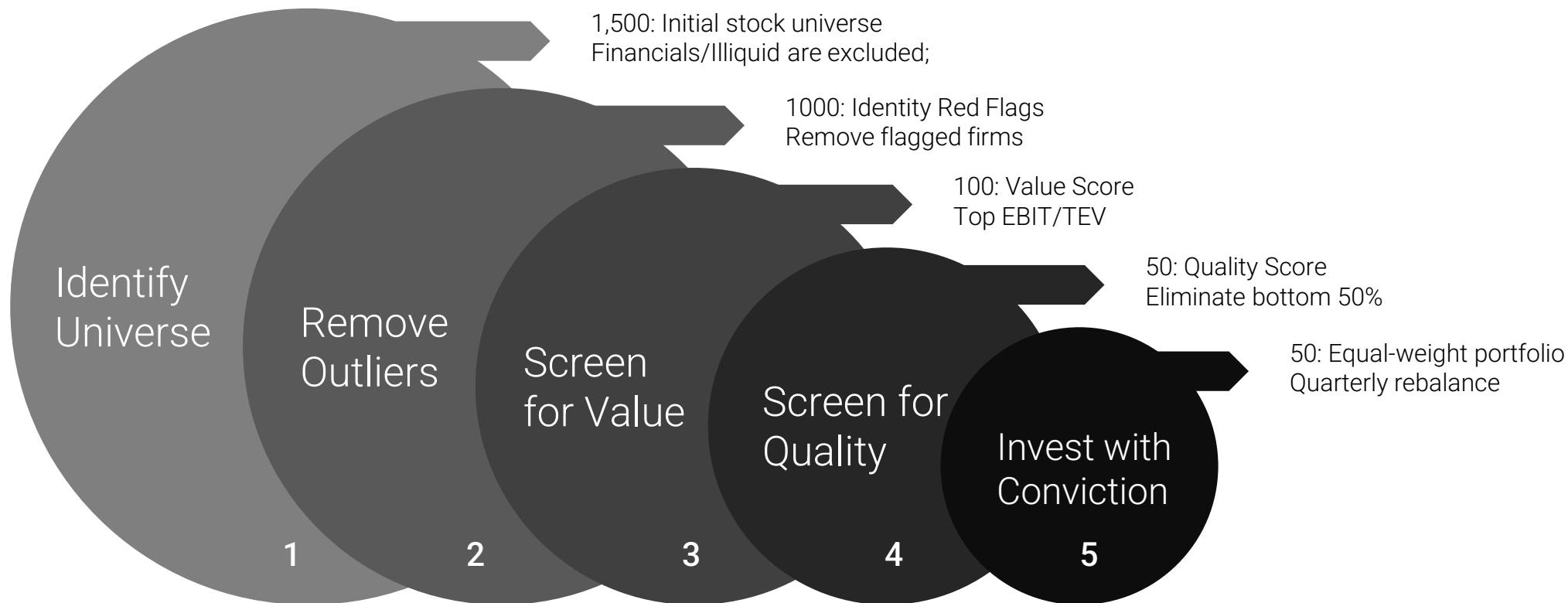
Three components: Value equity; momentum equity; and a trend strategy to manage market exposure



# Component #1: The Quantitative Value ETFs

The ETFs seek to buy the **cheapest, highest** quality value stocks<sup>1</sup>

- The QVAL universe consists of the largest 1500 stocks in the US market
- The IVAL universe consists of the largest 1500 stocks in the developed international market

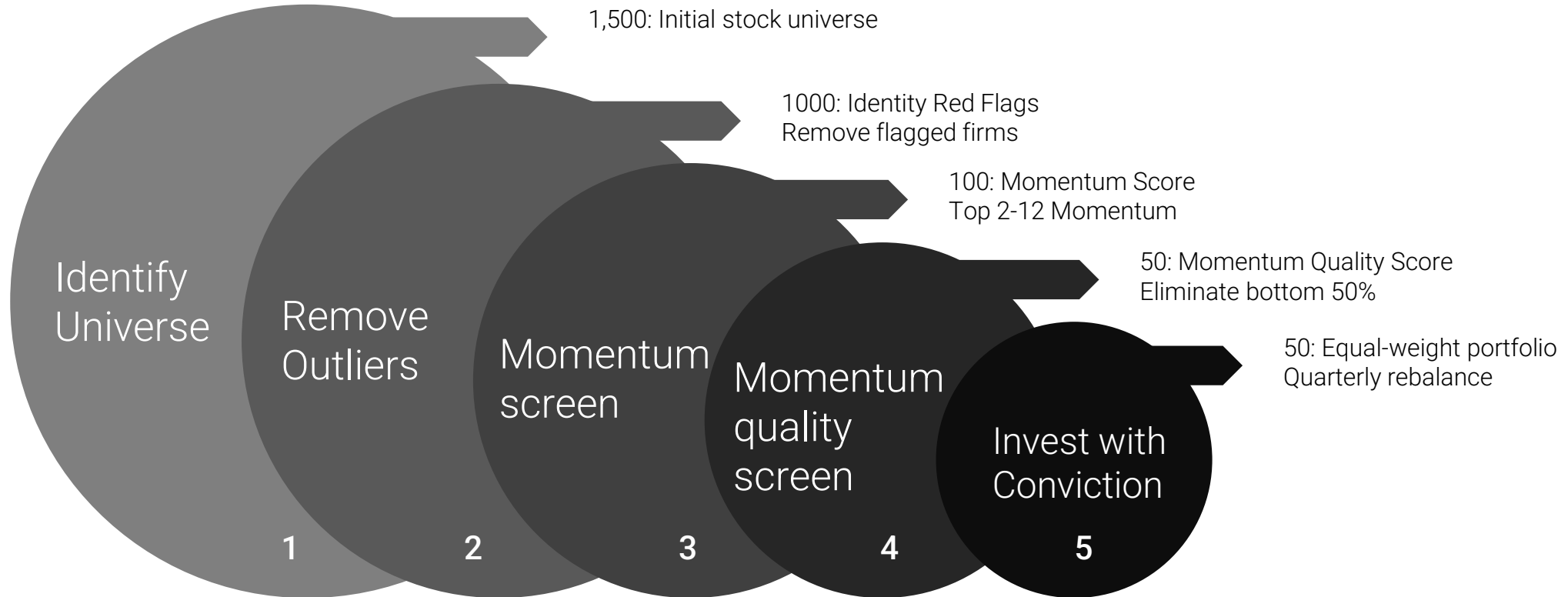


<sup>1</sup>This example is provided for illustration purposes only. The actual numbers will vary for QVAL/IVAL.

# Component #2: The Quantitative Momentum ETFs

The ETFs seeks to buy stocks with the highest quality momentum<sup>1</sup>

- The QMOM universe consists of the largest 1500 stocks in the US market
- The IMOM universe consists of the largest 1500 stocks in the developed international market



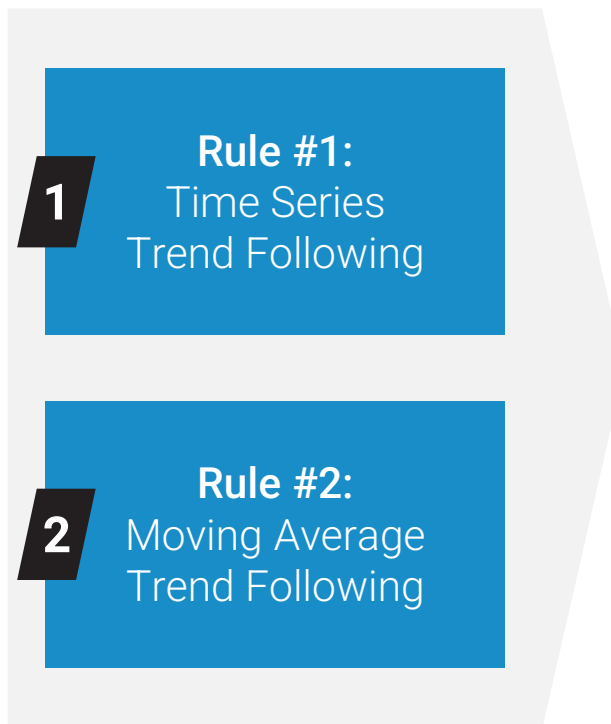
<sup>1</sup>This example is provided for illustration purposes only. The actual numbers may vary for QMOM and IMOM.

# Component #3: Our Trend-Following Methodology

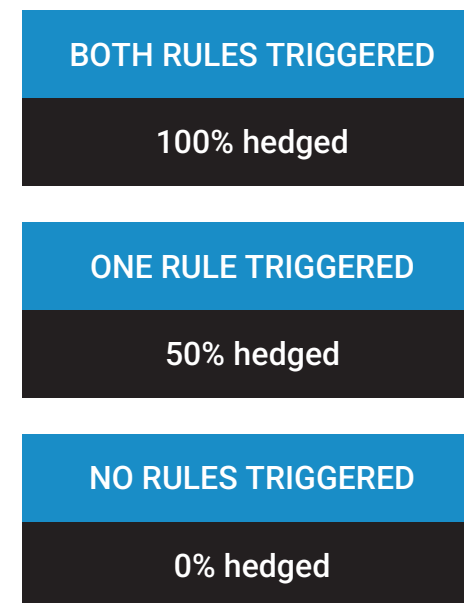
## Identify Asset Classes to Assess



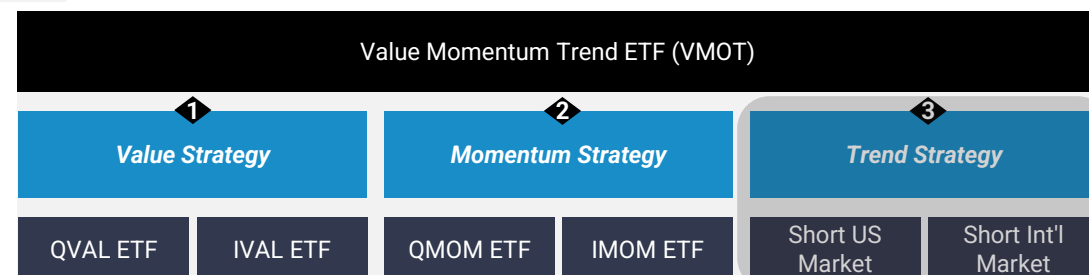
## Assess Trend - Following Rules



## Determine Portfolio Hedging Posture

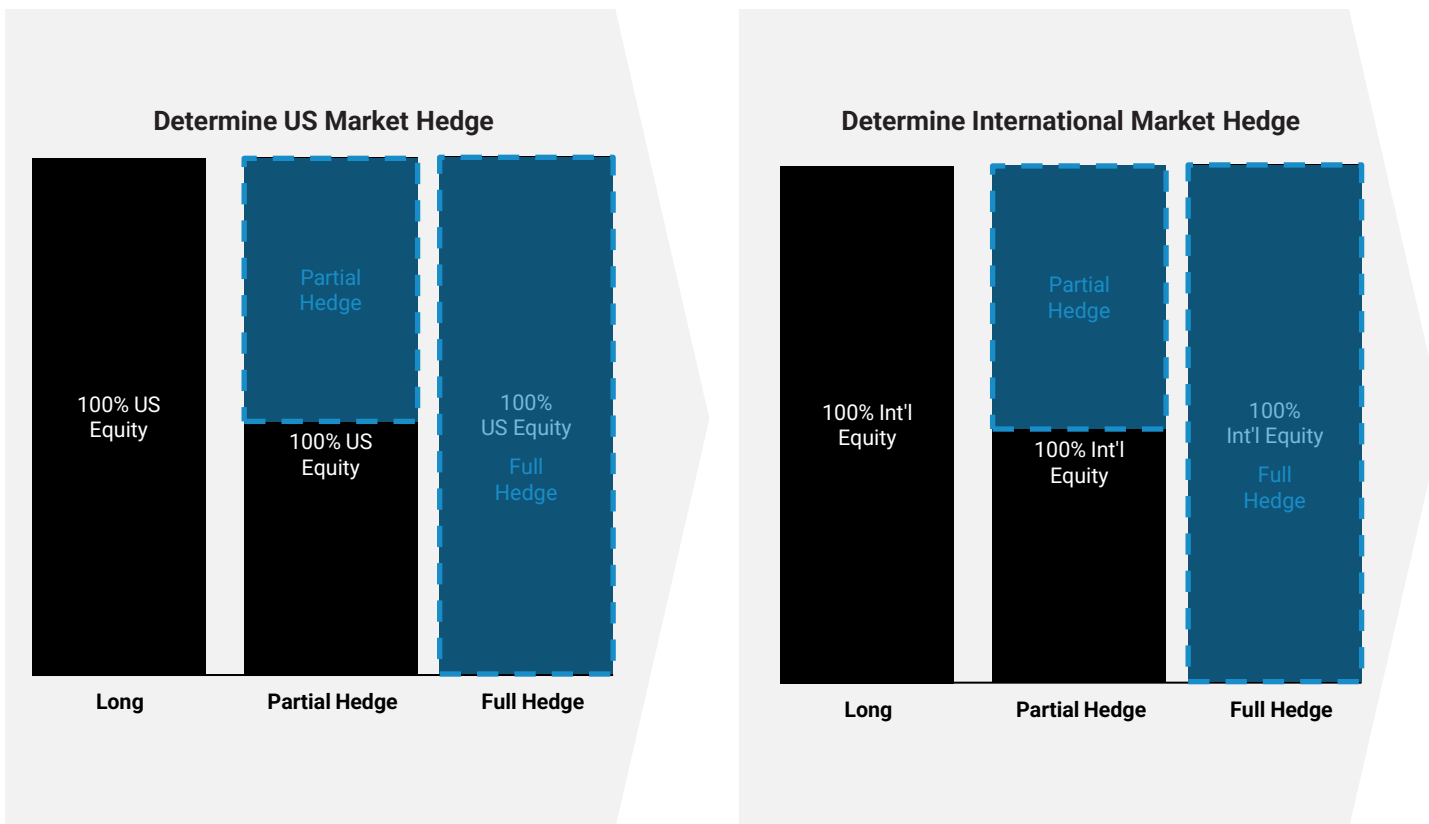


Our Trend-Following Models may not work in all situations and could fail to achieve their objectives. VMOT will engage in hedging of its U.S./International portfolio by shorting a representative broad-based U.S./International securities index ETF when either one or both of the following conditions are met. First, VMOT will hedge if the U.S./International equity markets' total return over a rolling twelve calendar month period is less than or equal to U.S. Treasury bill returns over the same period. Second, VMOT will hedge when the U.S./International equity markets' twelve-month moving average exceeds current prices. There is a 50 percent weight to each rule. If both rules are triggered VMOT's U.S./International equity portfolio will be fully hedged; if one rule is triggered VMOT's U.S./International equity portfolio will be 50 percent hedged; and if no rules are triggered VMOT's equity portfolio will have no hedge.

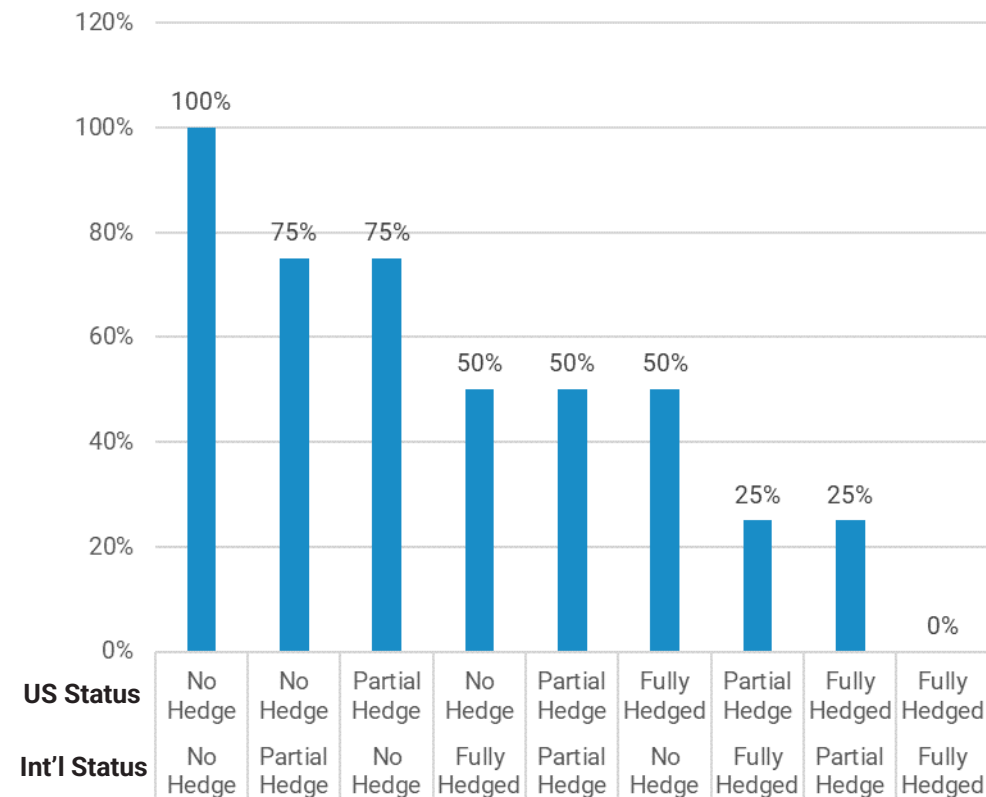


# More Details on Our Trend-Following Methodology (i.e., Component #3)

## Identify Asset Class Hedging Status



## Possible Hedging Postures



Our Trend-Following Models may not work in all situations and could fail to achieve their objectives. VMOT will engage in hedging of its U.S./International portfolio by shorting a representative broad-based U.S./International securities index ETF when either one or both of the following conditions are met. First, VMOT will hedge if the U.S./International equity markets' total return over a rolling twelve calendar month period is less than or equal to U.S. Treasury bill returns over the same period. Second, VMOT will hedge when the U.S./International equity markets' twelve-month moving average exceeds current prices. There is a 50 percent weight to each rule. If both rules are triggered VMOT's U.S./International equity portfolio will be fully hedged; if one rule is triggered VMOT's U.S./International equity portfolio will be 50 percent hedged; and if no rules are triggered VMOT's equity portfolio will have no hedge.

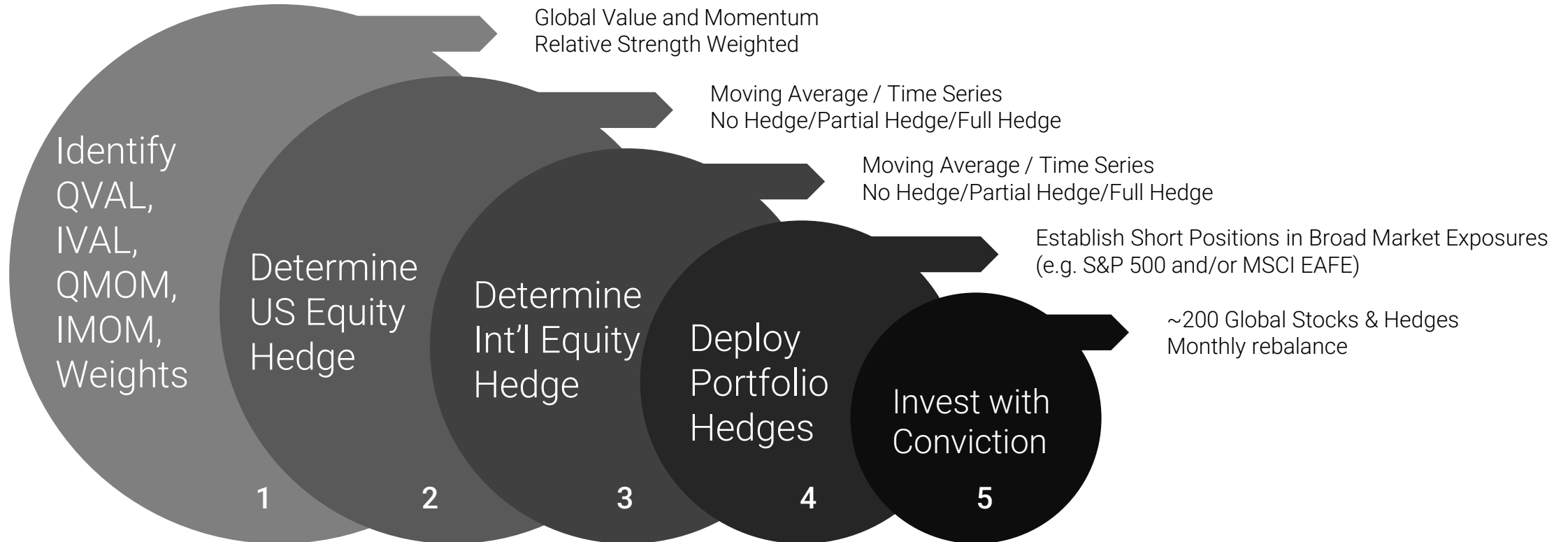




# Putting it all Together: The Value Momentum Trend ETF

The VMOT ETF seeks to provide an **alternative equity exposure**<sup>1</sup>

- Fund of Fund structure: Invests in QVAL, IVAL, QMOM, and IMOM Indexes
- Determines market exposure via the Robust Trend-Following Methodology



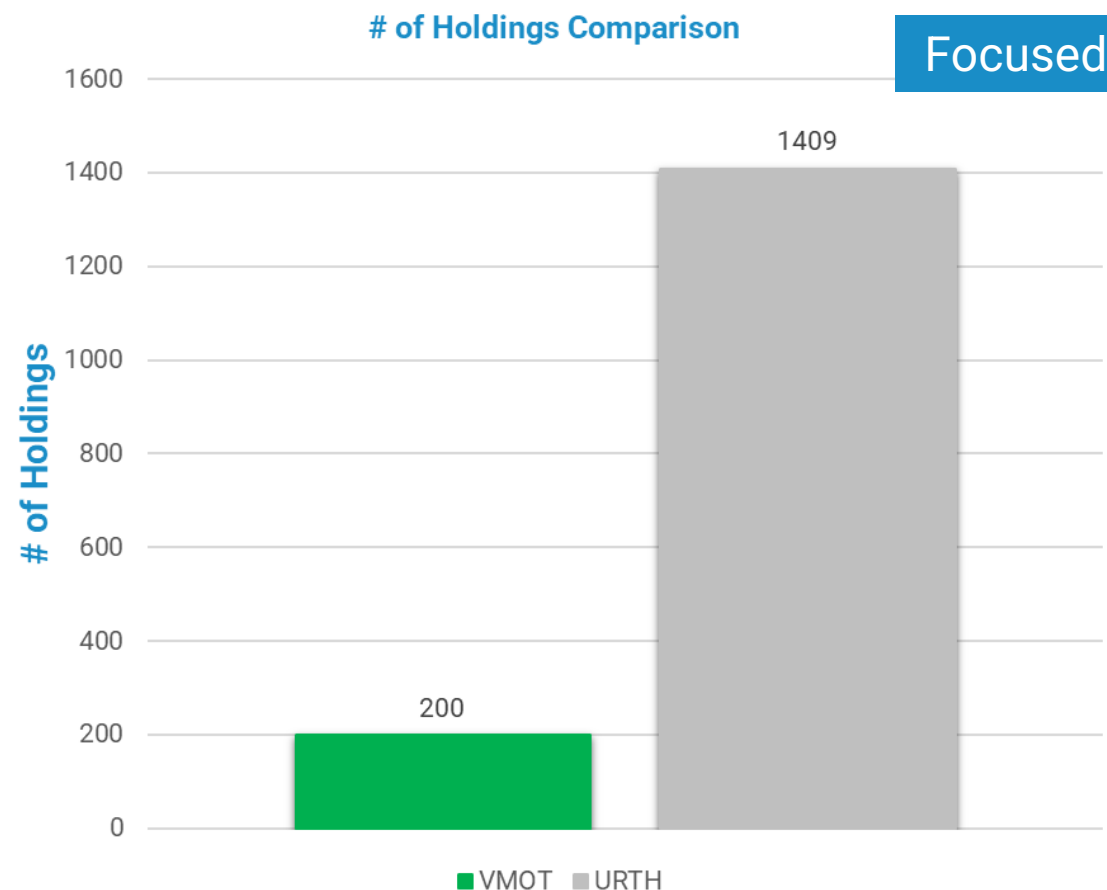
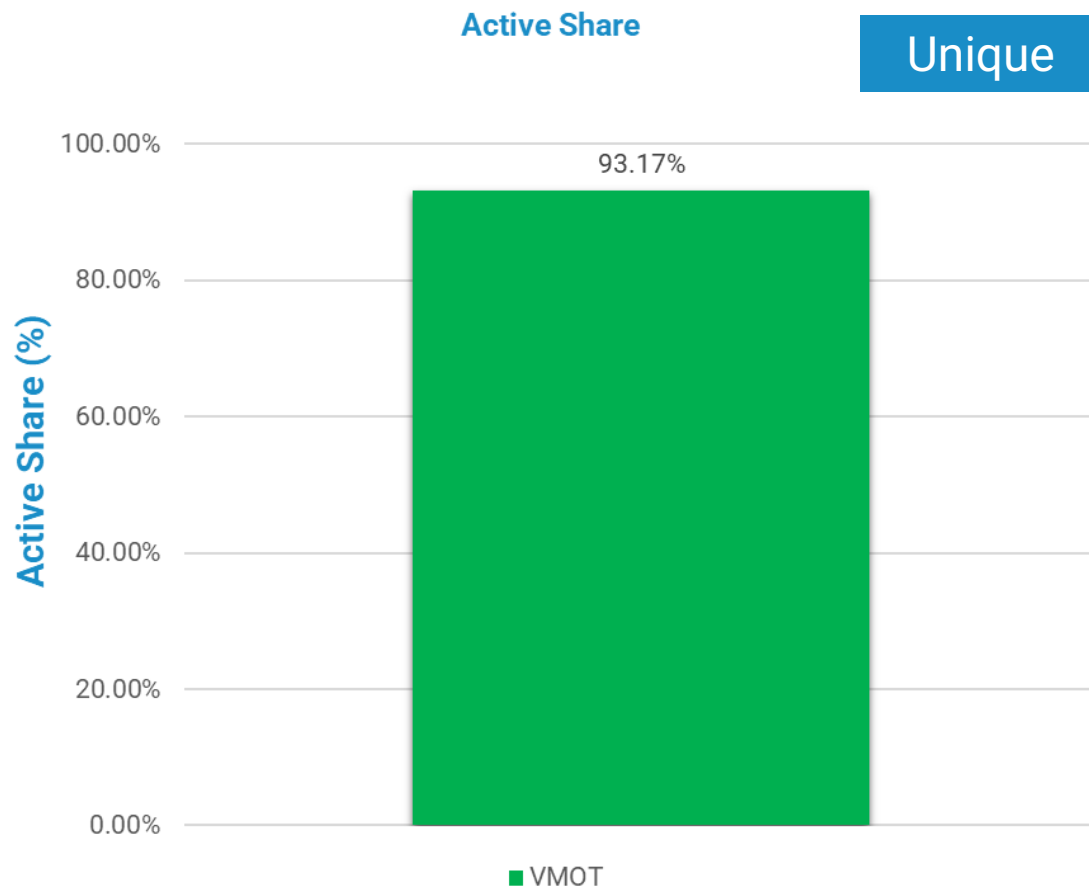
Value Momentum Trend ETF (VMOT)					
1		2		3	
Value Strategy		Momentum Strategy		Trend Strategy	
QVAL ETF	IVAL ETF	QMOM ETF	IMOM ETF	Short US Market	Short Int'l Market

<sup>1</sup>This example is provided for illustration purposes only. Our trend-following models may not work in all situations and could fail to achieve their objectives.



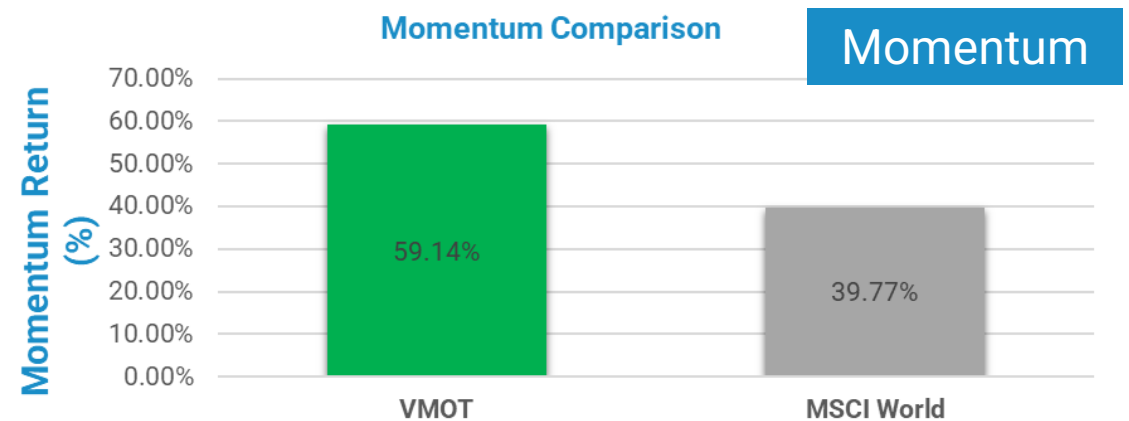
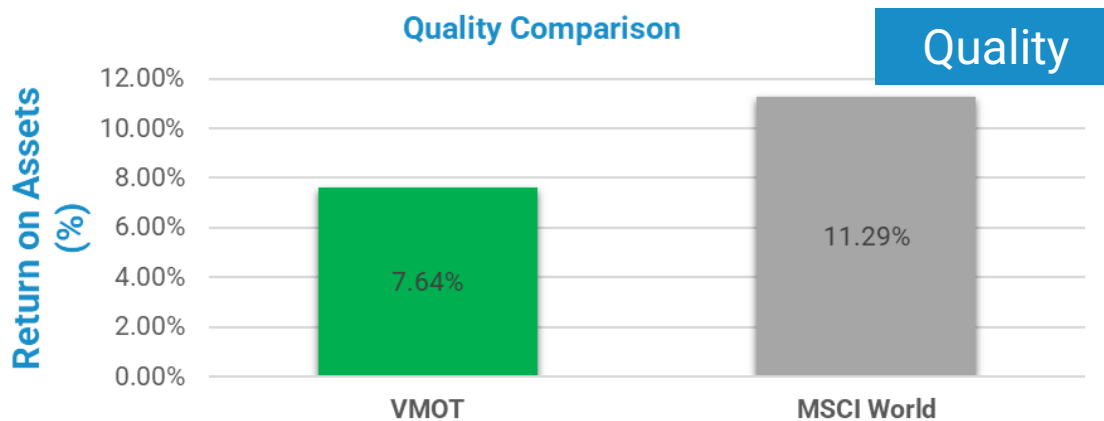
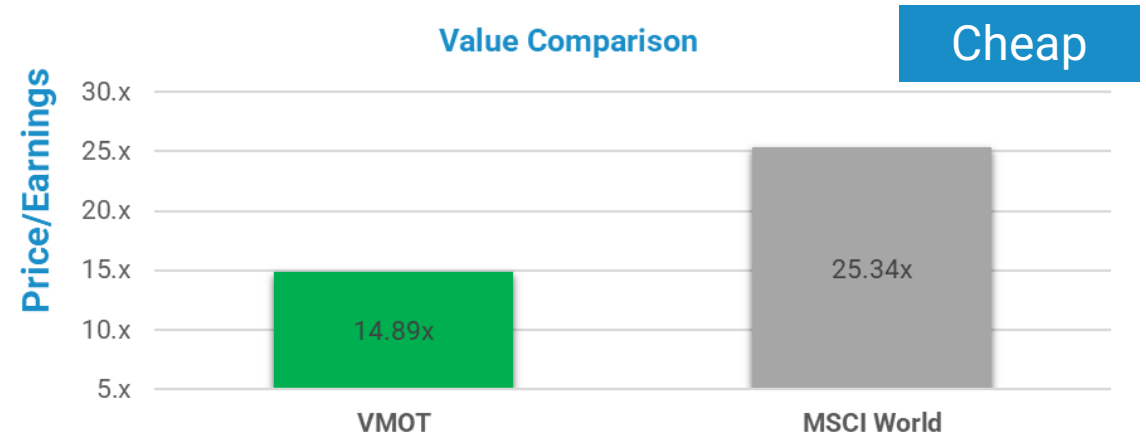
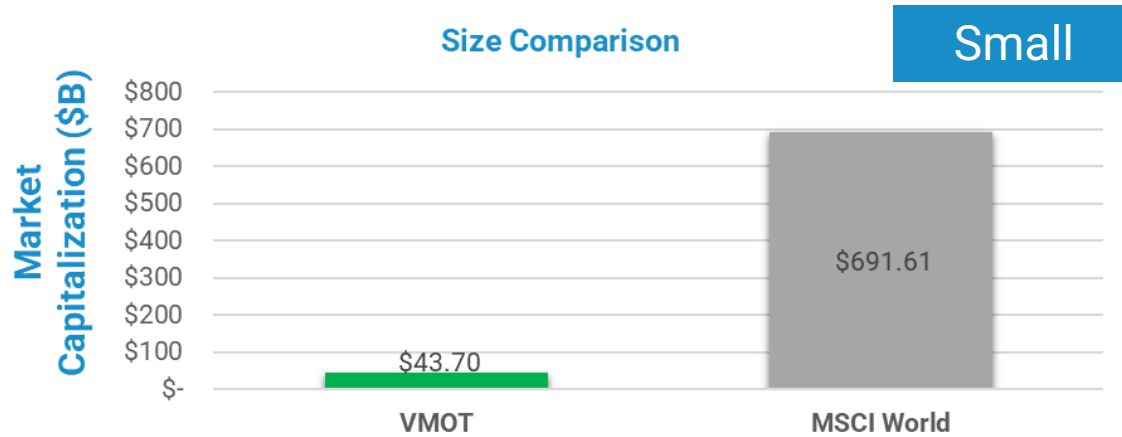
# **VMOT ETF Characteristics**

# VMOT Seeks to be Unique Relative to a Broad Global Index



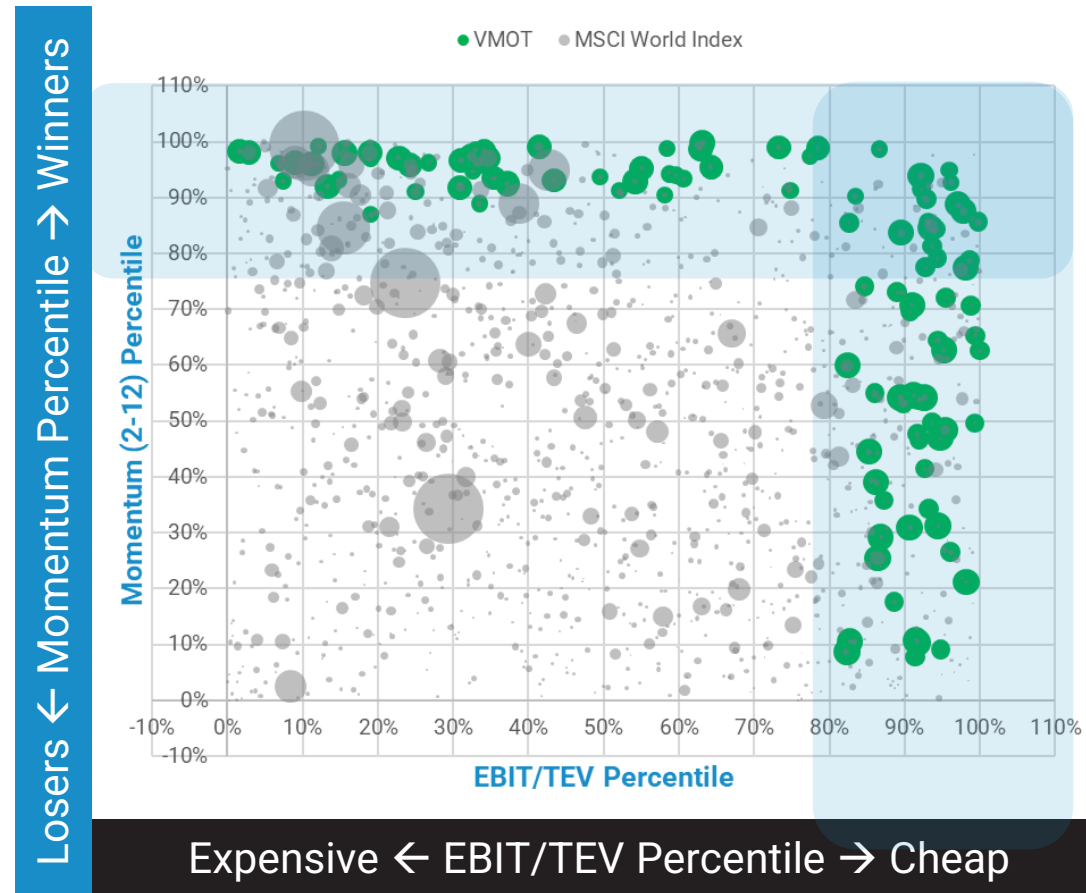
# VMOT Characteristics

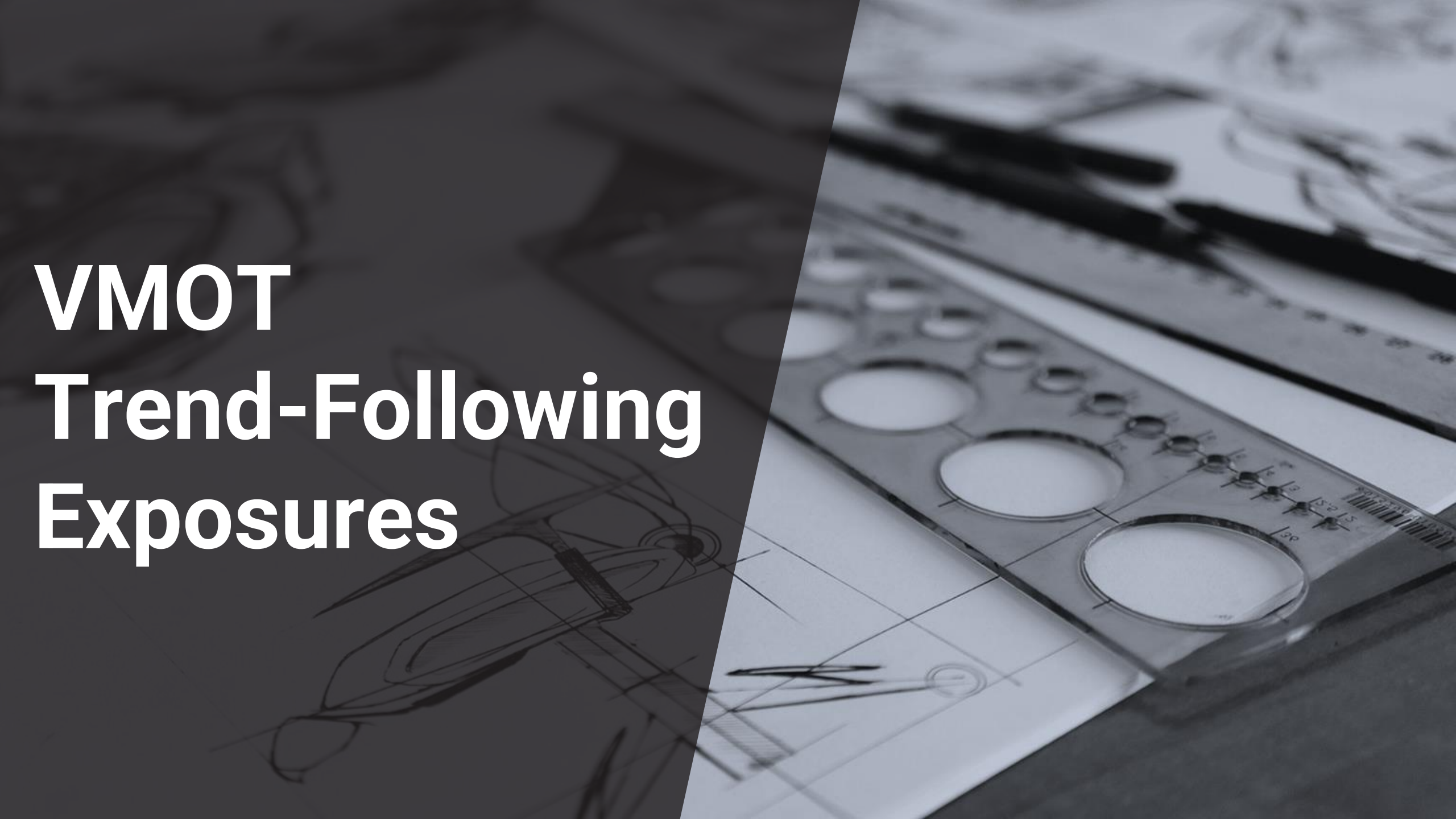
The ETFs seek to own smaller, cheaper, and higher momentum stocks



# VMOT's Long Positions: Visual Active Share

VMOT is concentrated in global value and momentum stocks

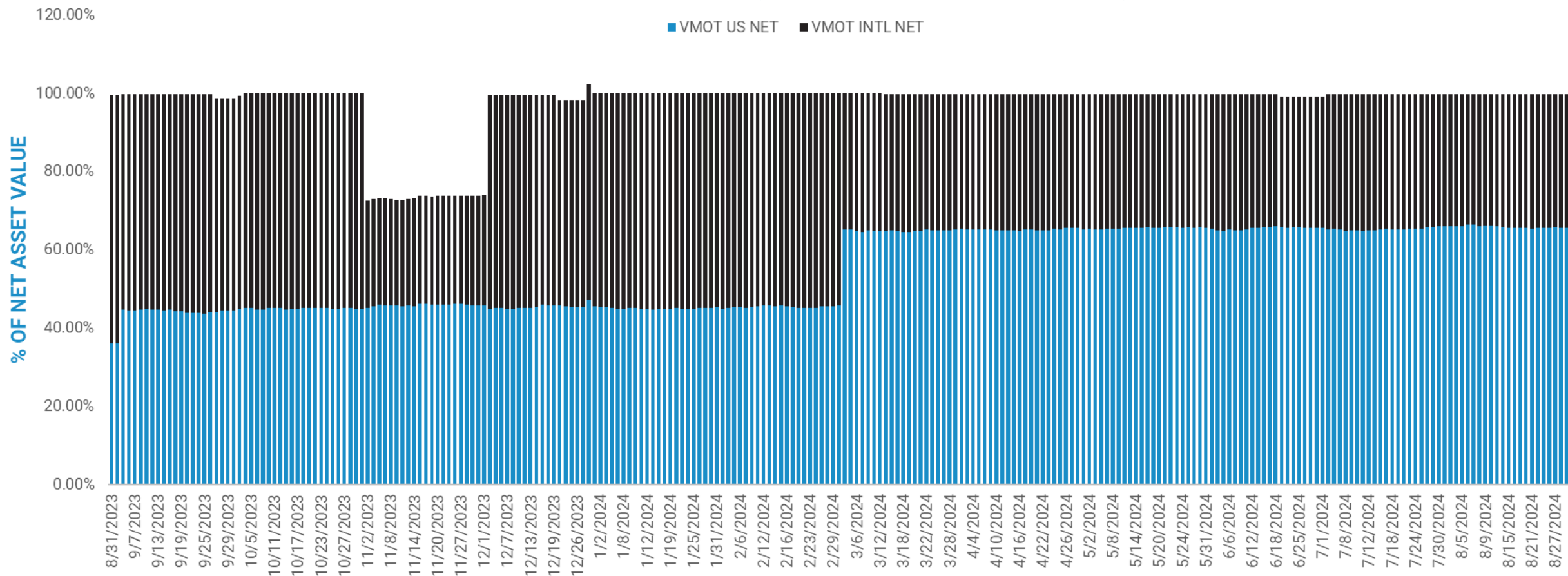




# VMOT Trend-Following Exposures

# VMOT Recent Market Exposure (% of Net Asset Value)

## RECENT EXPOSURE (% OF NET ASSET VALUE)



The exposures above are calculated as follows: VMOT US NET is equal to the sum of the market values of the QVAL, QMOM, and US hedge holdings divided by the Net Asset Value of the Fund. VMOT INT'L NET is equal to the sum of the market values of the IVAL, IMOM, and International hedge holdings divided by the Net Asset Value of the Fund. The most recent 252 trading days are included in the chart. Market price is the price at which shares in the ETF can be bought or sold on the exchanges during trading hours, while the net asset value (NAV) represents the value of each share's portion of the fund's underlying assets and cash at the end of the trading day.

# VMOT Performance





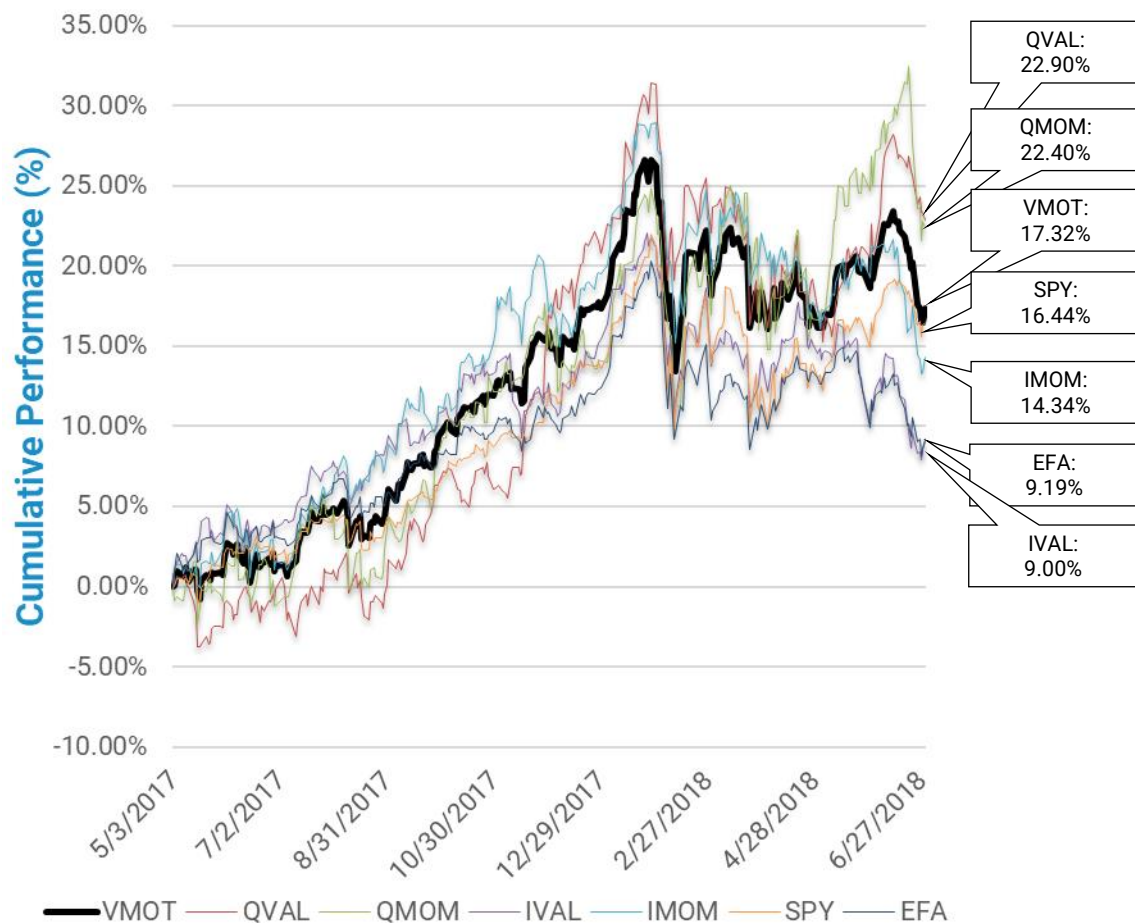
# Standardized Performance (As of 9/30/2024)

ETF Name	ETF Ticker	Gross Expense Ratio	Net Expense Ratio	Net Expense Ratio, Excluding expenses on Securities Sold Short	ETF Inception Date	Return Type	3 Month	1 Year	3 Year	5 year	Since Inception
Global Value Momentum Trend ETF	VMOT	1.60%	1.38%	0.69%	5/3/2017	MKT	6.85%	22.93%	2.19%	4.21%	2.24%
						NAV	7.16%	23.05%	2.20%	4.22%	2.26%
U.S. Quantitative Value ETF	QVAL	0.29%	0.29%	0.29%	10/22/2014	MKT	7.98%	26.52%	12.69%	12.73%	8.10%
						NAV	7.84%	26.33%	12.75%	12.71%	8.09%
U.S. Quantitative Momentum ETF	QMOM	0.29%	0.29%	0.29%	12/02/2015	MKT	10.18%	50.17%	10.16%	17.06%	11.69%
						NAV	10.34%	49.97%	10.17%	17.03%	11.67%
International Quantitative Value ETF	IVAL	0.39%	0.39%	0.39%	12/17/2014	MKT	3.62%	13.52%	4.52%	3.69%	3.72%
						NAV	4.40%	13.38%	4.39%	3.79%	3.72%
International Quantitative Momentum ETF	IMOM	0.39%	0.39%	0.39%	12/23/2015	MKT	4.27%	20.97%	-2.29%	4.69%	3.34%
						NAV	4.00%	21.01%	-2.50%	4.65%	3.32%

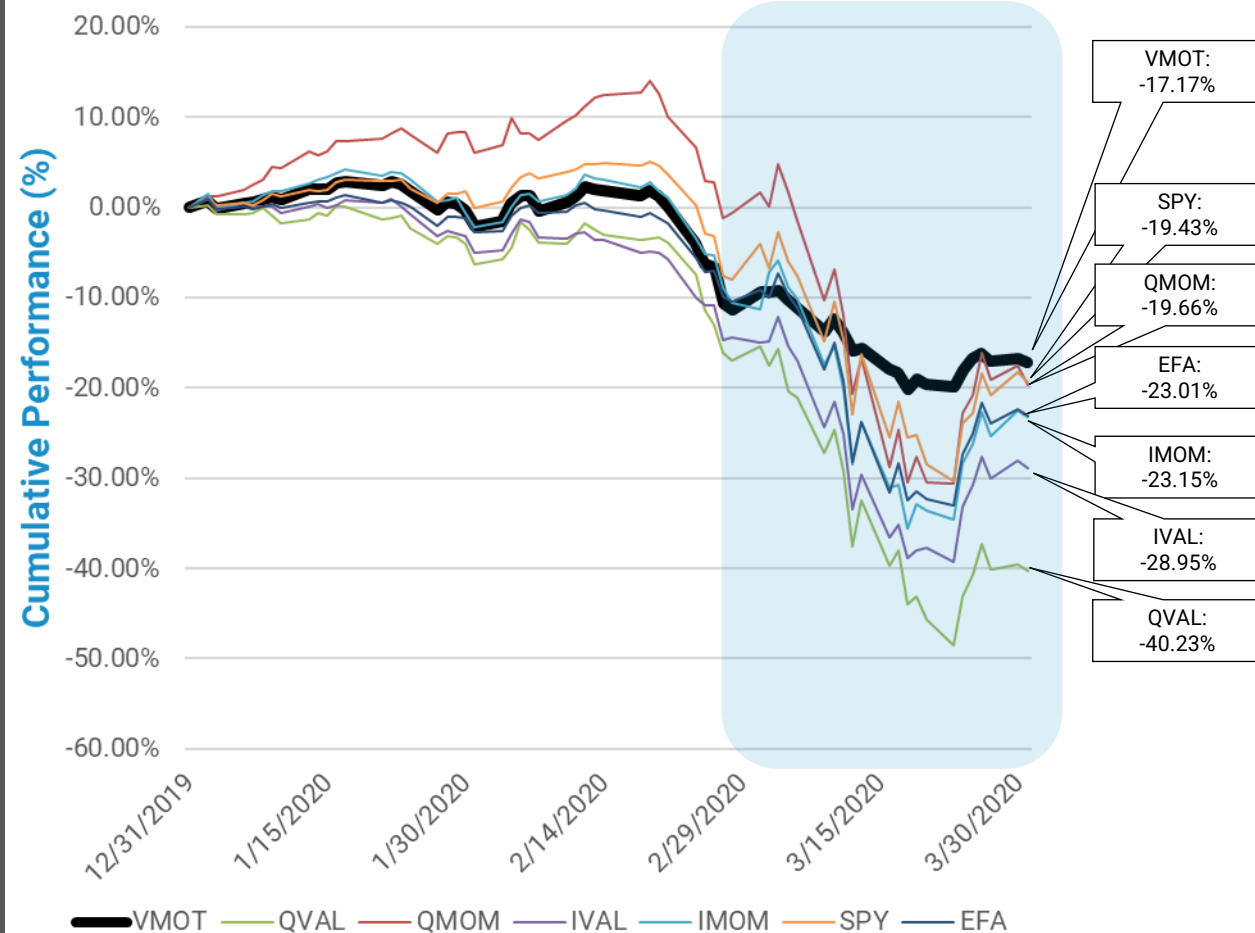
Returns are average annualized total returns, except those for periods of less than one year, which are cumulative. The performance data quoted represents past performance and does not guarantee future results. Investment return and principal value of an investment will fluctuate so that an investor's shares, when sold or redeemed, may be worth more or less than their original cost. Current performance may be higher or lower than the performance quoted. For performance data current to the most recent month end, please call 215.882.9983 or visit [www.alphaarchitect.com/funds](http://www.alphaarchitect.com/funds). Market price is the price at which shares in the ETF can be bought or sold on the exchanges during trading hours, while the net asset value (NAV) represents the value of each share's portion of the fund's underlying assets and cash at the end of the trading day. The net expense ratio is applicable to investors. The adviser has contractually agreed to waive fees until at least 1/31/25.

# VMOT Performance During a Non-Hedged and a Hedged Time Period

## VMOT No Hedge (5/3/2017 to 6/30/2018)



## VMOT Hedged (1/1/2020 to 3/31/2020)



QVAL, QMOM, IMOM, IVAL are actual holdings of the fund. SPY and EFA are included in the analysis because they reflect the actual holdings of the fund during hedging events and are not included for comparative purposes. The cumulative performance chart reflects a hypothetical investment and assumes reinvestment of dividends and capital gains. Fund expenses, including management fees and other expenses were deducted. The performance quoted represents past performance and does not guarantee future results. Investment return and principal value of an investment will fluctuate so that an investor's shares, when sold or redeemed, may be worth more or less than the original cost. Current performance may be lower or higher than the performance quoted, and numbers may reflect small variances due to rounding. Standardized performance and performance data current to the most recent quarter end may be found in the previous section. All returns are based on market prices. Market price is the price at which shares in the ETF can be bought or sold on the exchanges during trading hours, while the net asset value (NAV) represents the value of each share's portion of the fund's underlying assets and cash at the end of the trading day. The blue overlay indicates when VMOT was hedged during the period shown (March 2020).



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# IMPORTANT INFORMATION - DISCLOSURES

Investments involve risk. Principal loss is possible. Redemptions are limited and often commissions are charged on each trade. Unlike mutual funds, ETFs may trade at a premium or discount to their net asset value.

The Securities and Exchange Commission (SEC) does not approve or disapprove of any investment. This material has been distributed for informational purposes only and should not be considered as investment advice or a recommendation of any particular security, strategy or investment product. Information contained herein has been obtained from sources believed to be reliable, but not guaranteed. No part of this material may be reproduced in any form, or referred to in any other publication, without express written permission. References to other funds should not be interpreted as an offer of these securities.

The Funds are distributed by Quasar Distributors, LLC. The Fund investment advisor is Empowered Funds, LLC, which is doing business as Alpha Architect.

Value investing is subject to the risk that intrinsic values of investments may not be recognized by the broad market or that their prices may decline. Investments utilizing quantitative methods may perform differently than the market as a result of characteristics and data used and changes in trends. Investments in foreign securities involve political, economic and currency risks, greater volatility and differences in accounting methods. These risks are magnified in emerging markets.

Momentum investing is investing in or having exposure to securities with positive momentum entails investing in securities that have had above-average recent returns. These securities may be more volatile than a broad cross-section of securities. Returns on securities that have previously exhibited momentum may be less than returns on other styles of investing or the overall stock market. Momentum can turn quickly and cause significant variation from other types of investments, and stocks that previously exhibited high momentum may not experience continued positive momentum. In addition, there may be periods when the momentum style is out of favor, and during which the investment performance of the Fund using a momentum strategy may suffer.

As of January 31, 2022, each Fund is now actively managed by its investment adviser, Empowered Funds, LLC. Performance after January 31, 2022 reflects the fund's current objective reflected in this material and current prospectus. Maintaining investments regardless of market conditions or the performance of an individual investment could cause the Funds' returns to be lower than if the Funds employed an active strategy. The performance of the Funds and their Indices may differ due to tracking error.

Because it invests primarily in other funds, the Value Momentum Trend Fund's investment performance largely depends on the investment performance of those underlying Alpha Architect ETFs. An investor will indirectly bear the principal risks and its share of the fees and expenses of the underlying funds. Derivatives can be volatile and involve various types and degrees of risks including hedging risk. The use of derivatives in connection with the Alpha Architect Value Momentum Trend Index's hedging strategies may expose the Index (and therefore the Value Momentum Trend Fund) to losses (some of which may be sudden) that it would not have otherwise been exposed to if it had only invested directly in equity securities.

*The Funds' investment objectives, risks, charges and expenses must be considered carefully before investing. The statutory and summary prospectus contains this and other important information about the investment company. Click here for the VMOT [Prospectus](#) and [SAI](#). All fund documents can be found at <https://etfsite.alphaarchitect.com/documents/>. A free hardcopy of any prospectus may be obtained by calling +1.215.882.9983. Read carefully before investing.*

# IMPORTANT INFORMATION - DISCLOSURES

- Underlying data are from FactSet. Fund characteristics are weighted averages by security weight and derived by Alpha Architect.
- Size is market capitalization which is defined as the total market value of the company's listed equity in millions.
- Value is price to earnings which is defined as price divided by net income.
- EBIT/TEV is defined as earnings before interest and taxes divided by total enterprise value.
- Active share is the percentage of a portfolio's stock holdings that differ from its benchmark index. It is based on the weightings of securities in a portfolio compared with those of its benchmark and can be used as a measure of the degree of a portfolio's active management. See Cremers, K. J. Martijn, and Antti Petajisto, 2009, "How active is your fund manager? A new measure that predicts performance," *Review of Financial Studies* 22, 3329-3365 for more information.
- Momentum (2-12) is defined as the cumulative total return for the past 12 months, excluding the most recent month.
- Quality is return on assets which is defined as net income divided by total assets.
- The MSCI World Index is a capitalization-weighted index that measures the performance of developed market equities. Indexes are unmanaged, do not reflect management or trading fees, and one cannot invest directly in an index.
- The S&P 500 Index (SP500) is a capitalization-weighted index that measures the performance of the broad U.S. equity market. Indexes are unmanaged, do not reflect management or trading fees, and one cannot invest directly in an index.
- The MSCI EAFE Index (EAFE) is a capitalization-weighted index that measures the performance of developed market equities, excluding the U.S. and Canada. Indexes are unmanaged, do not reflect management or trading fees, and one cannot invest directly in an index.
- The Bloomberg Barclays 3 Month T-Bill (RF) seeks to provide exposure to zero coupon U.S. Treasury securities that have a remaining maturity of 1-3 months. Indexes are unmanaged, do not reflect management or trading fees, and one cannot invest directly in an index.
- Unless otherwise noted, all data is assigned the as of date stated on the first page of this presentation.