

CANADIAN EQUITY

FACTOR-BASED MODEL PORTFOLIO STRATEGY



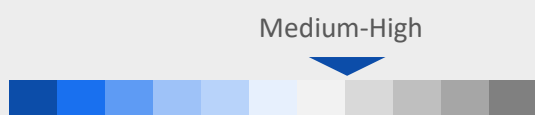
STRATEGY

In seeking to pursue its investment objective, the portfolio is designed to provide exposure to high quality Canadian companies that consistently generate shareholder wealth, while trading at attractive price. This strategy is based on a proprietary multi-factor quantitative model.

OBJECTIVES

1. Target long term capital appreciation among Canadian companies.
2. Consistently deliver performance over the S&P/TSX Total Return Index.
3. Maximize tax efficiency by having a low portfolio turnover ratio.

RISK RATING



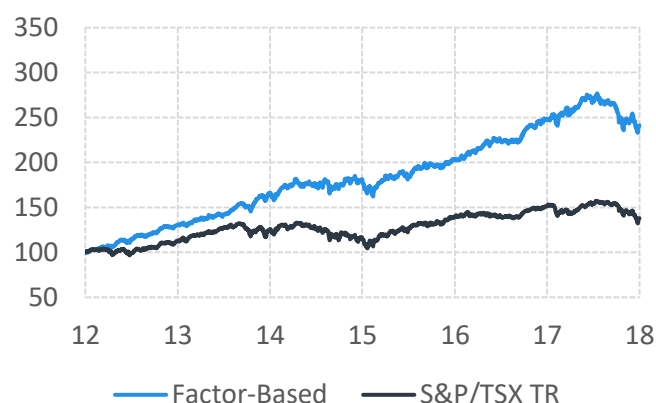
REASONS TO INVEST

- ❖ Historically outperformed benchmark.
- ❖ Risk-adjusted return performance.
- ❖ Consistent investment process.

INVESTMENT PROCESS



AS OF DECEMBER 31TH, 2018



PERFORMANCE (%) [see disclaimer]

Annualized (%)	1M	3M	1Y	5Y	SI
Factor-Based	-4.5	-7.3	-2.4	13.0	16.3
S&P/TSX TR	-5.4	-10.1	-8.9	4.1	5.4
Difference	0.9	2.8	6.5	8.9	10.8

Yearly (%)	14	15	16	17	YTD
Factor-Based	26.5	7.7	13.5	22.1	-2.4
S&P/TSX TR	10.6	-8.3	21.1	9.1	-8.9
Difference	16.0	16.0	-7.6	13.0	6.5

Monthly (%)	Aug	Sep	Oct	Nov	Dec
Factor-Based	-0.4	-2.5	-7.0	4.3	-4.5
S&P/TSX TR	-0.8	-0.9	-6.3	1.4	-5.4
Difference	0.4	-1.7	-0.7	3.0	0.9

TOP 10 HOLDINGS (%)

Ticker	Sector	Weight
CSU:CN	Info Tech	7.8
AC:CN	Industrials	5.2
L:CN	Staples	5.0
QBR.B:CN	Telecom	4.5
FSV:CN	Financials	4.3
OTEX:CN	Info Tech	4.3
GIB.A:CN	Info Tech	4.2
MRU:CN	Staples	4.1
TECK.B:CN	Materials	4.0
BMO:CN	Financials	4.0

RISK STATISTICS

Since Inception	Factor-Based	S&P/TSX TR
Ann. Return (%)	16.3	5.4
Standard Dev. (%)	10.6	13.4
Max Drawdown (%)	-34.0	-48.5
Portfolio Turnover	72.2	6.3
Sharpe Ratio	1.3	0.3
Sortino Ratio	1.7	0.4
Index Correlation	0.7	1.0
R-Squared	0.5	1.0
Beta	0.6	1.0
Alpha (%)	10.8	0.0

SECTOR ALLOCATION (%)

Weights	Factor-Based	S&P/TSX TR	Deviations
Info Tech	16.3	4.0	12.3
Telecom	12.4	6.0	6.4
Staples	9.1	4.0	5.1
Materials	14.0	11.3	2.6
Discretionary	6.4	4.3	2.1
Industrials	12.8	10.8	2.0
Utilities	3.3	4.1	-0.9
Health Care	0.0	1.6	-1.6
Energy	3.5	17.8	-14.3
Financials	19.5	36.1	-16.6

CHARACTERISTICS

Median	Factor-Based	S&P/TSX TR
Market Cap (\$B)	20.1	3.4
Price / Earnings	13.9	14.1
Price / Book	2.6	1.7
Price / Sales	1.8	1.8
Price / Cash Flow	8.7	8.9
Return on Equity	20.1	8.8
Dividend Yield	2.3	1.9
5Y EPS Growth	18.8	11.8
Debt / Equity	1.1	0.6
5Y Beta	0.62	0.94

PORTFOLIO FACTS

Number of Securities	25
Currency	CAD
Benchmark	S&P/TSX TR
Inception Date	January 1 st , 2000
Strategy Fees	Contact Us
Rebalancing Frequency	Quarterly

PORTFOLIO MANAGER

William Tremblay CFA, MBA, FRM, CIM
Senior Vice President, Portfolio Manager



With more than 10 years of experience in the financial services industry, William brings extensive background and innovation in the field of quantitative finance to the firm. He holds both a BBA and MBA from HEC Montreal.

CONTACT

Phone	514.700.1989
Email	info@factorbased.com
Website	www.factorbased.com

DISCLAIMER

The term Model Portfolio Strategy (Strategy) is a non-registered trademark of Factor-Based (FB) Inc. S&P/TSX Total Return and S&P 500 Total Return are trademarks of S&P Global Inc. and MSCI ACWI Ex US Total Return is a trademark of MSCI Inc. This Strategy is not sponsored, endorsed, sold or promoted by any of its aforementioned trademark owners or their respective affiliates make no representation, warranty or condition regarding the advisability of buying, selling or holding shares in this Strategy.

This report is prepared solely for information purposes in connection with this Strategy. Historical returns shown are simulated. They are gross of management fees and do not consider brokerage commissions. They are calculated on a total return basis and annualized for all periods greater than one year. Past performance is not necessarily an indicator of future performance. The performance shown as indicated above and may not reflect the actual performance of clients following the Strategy.

FB makes every effort to ensure that the contents have been compiled or derived from sources believed reliable. However, FB makes no representation or warranty, express or implied, in respect thereof, takes no responsibility for any errors and omissions which may be contained herein and accepts no liability whatsoever for any loss arising from any use of or reliance on this report or its contents. Additional information may be available to FB or its affiliates, which is not reflected herein.

This report is not to be construed as an offer to sell, or solicitation for, or an offer to buy, any securities. FB, its affiliates and/ or their respective officers, directors or employees may from time to time acquire, hold or sell securities mentioned herein as principal or agent. This communication does not constitute any offer or solicitation to residents of the U.S. or to anyone in a jurisdiction in which such an offer or solicitation is not authorized or to any person to whom it is unlawful to make such a solicitation.