







Quantitative Portfolio:

Factor-Enhanced Intl ADR: V + M + Q

Fourth Quarter (Q4) 2023

Market Environment

The US economy grew at a surprisingly fast pace in the third quarter of 2023, posting its fifth consecutive quarter of growth at or above its potential. The economy's resiliency has been mildly surprising to economists, as many had expected the economy to by this time dive into a recession as a result of the steep hike in interest rates implemented by the Federal Open Market Committee (FOMC). Against this backdrop, the Bureau of Economic Analysis released the third estimate of the third quarter 2023 real GDP, a seasonally adjusted annualized rise of 4.9%, a decline from the 5.2% prior estimate, but a marked increase over the previous quarter. The employment situation remained a mixed bag in the quarter. The November employment report showed that employers added 199,000 jobs in the month, and that the unemployment rate was slightly lower at 3.7%. The FOMC maintained its federal funds rate target range at 5.25% to 5.50% as inflation data trends lower. The FOMC provided a dovish outlook on interest rates, and many analysts believe interest rate cuts could begin soon.

Portfolio Commentary

The Factor-Enhanced Intl ADR: V + M + Q strategy generated a gross total return of 6.62% in the fourth quarter, exceeding the 6.28% return of the S&P Developed Markets Classic ADR NR. For the full year, the strategy posted a return of 17.41%, compared to the benchmark return of 19.39%. The strategy is quantitatively constructed to provide exposures to the primary drivers of return and excess return identified over decades of financial research. These include exposures to the market, as well as to the well-known value, momentum and quality asset pricing factors.

Sector allocation will generally have a relatively minor effect on performance, as the strategy is constructed to be sector-neutral at the time of rebalancing. Such was the case during the latest quarter, as the portfolio's relative performance was driven primarily by individual security selection. Sector allocation detracted 19 basis points, whereas stock selection within sectors contributed 53 basis points during the quarter. The sectors having the most positive relative impact from a security selection perspective were Health Care and Information Technology, and the sectors that contributed the least on a relative basis were Consumer Staples and Industrials.

The strategy strives to capture exposures to the well known value, momentum and quality asset pricing factors. These tilts produced mixed results in the quarter, with momentum positively contributing 10 basis points to the portfolio's performance, but value and quality detracting 36 and nine basis points, respectively.

The position providing the largest contribution to the performance of the Factor-Enhanced Intl ADR: V + M + Q strategy during the quarter was UBS Group AG (UBS). An overweight to the Capital Markets company, which had a return of almost 27%, contributed 19 basis points to performance as a result of its overweight position. The stock's performance also outpaced the 11.6% return of the Financials sector.

An overweight to Ryanair Holdings plc (RYAA.Y) during the quarter also benefited performance, as the stock's gain exceeded 38%. The Passenger Airlines company contributed 15 basis points to performance, and in the process also outperformed the 16.7% return of the Industrials sector.

Another positive contributor to portfolio performance was an overweight to Logitech International S.A. (LOGI), as the stock added more than 37%. The Technology Hardware, Storage and Peripherals firm also outperformed the 23.8% return of the overall Information Technology sector. The overweight position contributed 12 basis points to performance.

The position proving to be the largest detractor from the performance of the strategy during the quarter was Honda Motor Co., Ltd. (HMC). An overweight to the Automobiles company, which had a negative return of almost 8%, detracted 18 basis points from performance. The stock's performance trailed the 8.8% return of the Consumer Discretionary sector.

An overweight to Burberry Group plc (BURB.Y) during the quarter also negatively impacted performance, as the stock declined almost 18%. The Textiles, Apparel and Luxury Goods company detracted 14 basis points from performance, and trailed the 8.8% return of the Consumer Discretionary sector.

Takeda Pharmaceutical Company Limited (TAK) 's overweight position relative to the benchmark resulted in a 10 basis point detraction from the portfolio's performance. The Pharmaceuticals company's stock fell by more than 7%, and underperformed the overall Health Care sector.

The consensus for 2024 among economists and analysts is one of cautious optimism, as the FOMC is expected to begin lowering interest rates, and inflation is anticipated to continue to trend lower. Since a large portion of the stock market's gains in 2023 was a result of the performance of a handful of large company stocks, Investors will be paying close attention to market breadth in 2024. In addition, the presidential election campaign will come into increasing focus for many investors.

Model Portfolio Attribution

	Performance Driver	Active Return Contribution	Portfolio Exposure	Average Weight in Model	Comments
Contributors	UBS Group AG (UBS)	+19 bps	Overweight	2.00%	The stock of the Capital Markets firm advanced 27% in the quarter.
	Ryanair Holdings plc (RYAA.Y)	+15 bps	Overweight	0.97%	RYAA.Y, an Industrials company, advanced 38% in the quarter, and outperformed the overall sector's return.
	Logitech International S.A. (LOGI)	+12 bps	Overweight	0.67%	The Information Technology company LOGI advanced 37% in the quarter, and outperformed the overall sector's return.
	Holcim Ltd (HCML.Y)	+11 bps	Overweight	1.29%	Outperforming the overall sector's return, the Materials company HCML.Y advanced 24% in the quarter.
	ACS, Actividades de Construcción y Servicios, S.A. (ACSA.Y)	+10 bps	Overweight	0.85%	ACSA.Y posted a gain of 27%, outperforming the general sector in the quarter.
Detractors	Honda Motor Co., Ltd. (HMC)	-18 bps	Overweight	1.41%	HMC's loss of 8% underperformed the general sector in the quarter.
	Burberry Group plc (BURB.Y)	-14 bps	Overweight	0.46%	The stock of the Textiles, Apparel and Luxury Goods firm fell by 18% in the quarter.
	Takeda Pharmaceutical Company Limited (TAK)	-10 bps	Overweight	0.90%	Underperforming the overall sector's return, the Health Care company TAK declined 7% in the quarter.
	Siemens Aktiengesellschaft (SIEG.Y)	-9 bps	Underweight	0.38%	The Industrials company SIEG.Y advanced 33% in the quarter, and outperformed the overall sector's return.
	Standard Chartered PLC (SCBF.Y)	-9 bps	Overweight	0.23%	SCBF.Y's loss of 7% underperformed the general sector in the quarter.

Disclosure

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QRG's investment process is guided by systematic, quantitative and rules-based methodologies that helped inform the construction of the portfolio discussed herein using a subset of the constituents of its designated tracking index. The narrative portion of this commentary references the three largest contributors to performance and the three largest detractors from performance. The attribution chart includes the five largest contributors to performance as well as the five largest detractors from

performance. The top contributors and detractors to performance may be based on security weightings (positions held or not held, overweight or underweight positions) or sector weightings.

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QRG Factor-Enhanced Intl ADR: V + M + Q

Period	*Pure Gross Return	Net Return	S&P Develope d Markets Classic ADR NR Return	Number of Portfolios End of Period	Equal Weighted Std. Dev.	Composite 3-year Std. Dev.	Benchmark 3-year Std. Dev.	Total Composite Assets	Total Product Assets	Firm AUM	Composite Assets as Percentage of Total Firm
**2017-03-01 - 2017-04-30	6.53%	6.02%	5.67%	7	n/a	n/a	n/a	1,540,051	2,747,778	491,659,683	0.31%
**2017-06-01 - 2017-12-31	10.14%	8.25%	8.89%	40	n/a	n/a	n/a	9,177,967	13,132,732	802,232,195	1.14%
2018	-14.96%	-17.51%	-13.83%	111	0.56%	n/a	n/a	21,046,649	31,145,482	1,604,283,375	1.31%
2019	19.08%	15.60%	22.61%	185	0.18%	n/a	n/a	56,875,551	76,210,370	2,723,594,504	2.09%
2020	8.15%	4.96%	8.01%	259	0.56%	15.72%	18.40%	86,981,982	163,467,871	4,011,352,178	2.17%
2021	16.77%	13.35%	11.97%	296	0.41%	14.35%	17.40%	82,853,918	232,011,963	5,883,211,018	1.41%
2022	-11.77%	-14.41%	-13.42%	351	0.92%	18.36%	20.88%	93,188,625	222,686,217	5,825,736,102	1.60%
2023	17.41%	13.98%	19.39%	323	0.80%	16.47%	17.39%	91,674,404	262,790,968	9,254,020,860	0.99%

^{*}Presented as supplementary information.

QRG Capital Management, Inc. (QRG) is an SEC-registered investment adviser, established in 2020. QRG provides fee-based management of equity and portfolios for a broad range of clients on a discretionary and non-discretionary basis. QRG is a subsidiary of Envestnet, Inc., and for the purpose of the Global Investment Performance Standards (GIPS), the firm is defined as all strategies marketed under QRG. The QRG Factor-Enhanced Intl ADR: V + M + Q strategy has an inception and creation date of Mar 01, 2017. The QRG Factor-Enhanced Intl ADR: V + M + Q strategy is comprised of American Depositary Receipts (ADRs) of companies in developed market economies. The strategy is designed to capture the well-known asset pricing factors value, momentum and quality. The strategy is designed to closely track the S&P Developed Markets Classic ADR Index which measures performance of international developed markets.

The QRG Factor-Enhanced Intl ADR: V + M + Q composite is comprised of all fee-paying, discretionary accounts with at least \$100,000 in assets. Accounts are added to the composite at the beginning of the month after they are fully invested. If the market value and net investment of the account falls below \$100,000 it is removed until the next reconciliation and calculation period. Accounts that have a significant cash flow, defined as 20% of the beginning market value, will be removed from the composite until the next reconciliation and calculation period. Financial leverage is not employed as part of the investment strategy. There was a break in performance between 5/1/2017 and 6/1/2017 due to all eligible accounts becoming non-discretionary and leaving the composite

All information is based in US dollars. Pure gross results are shown gross of all fees and trading expenses. Net results reflect the pure gross return minus a 3% model WRAP fee that includes management fees, trading costs, platform fees, and other administration fees as well as a model custodian fee of 0.25% that includes brokerage commissions, but do not include other administration fees. Clients who access these strategies through a financial intermediary firm may pay additional fees to that firm. Actual fees may vary. The current management fee schedule is as follows: Up to \$500,000 - 0.20%, \$500,000 to \$1 million - 0.18%, \$1 million to \$2 million - 0.17%, \$2 million to \$5 million - 0.15%, \$5 million to \$10 million - 0.12%, \$10 million and up - 0.09%. All returns reflect the reinvestment of all dividends and interest income.

Returns are time weighted and calculated using the Modified Dietz method. All cash flows trigger a performance sub-period which are geometrically linked to create monthly returns. Monthly returns are geometrically linked to create quarterly and yearly returns. Neither the composite nor the benchmark returns reflect tax withholding for ordinary income or capital gains. Dispersion is measured by an equal-weighted standard deviation of the pure gross returns of all accounts in the composite for the entire four-quarter period. Internal dispersion is deemed non-material (nm) if fewer than five portfolios are in the composite over the reporting period, or not applicable (n/a) if no accounts are eligible over the entire reporting period. The 3- year standard deviation is calculated using pure gross returns, and is considered not applicable (n/a) for periods with less than three years of performance. Policies for valuing investments, calculating performance, and preparing GIPS reports are available upon request.

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^{**}Partial year.

Percentage of strategy assets represented by WRAP accounts at period end:

2017 - 100% 2018 - 100% 2019 - 100% 2020 - 100% 2021 - 100% 2022 - 100% 2023 - 100%

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