

Cogence Global Portfolios Monthly Strategy Report

BlackRock Multi-Asset Strategies & Solutions | September 2022

cogence

Portfolio Commentary

Conservative

The Portfolio returned -5.27% over the month underperforming the reference benchmark by 0.47%. Longer term, Since Inception returns sits at -7.39% p.a.

In September, both equity and fixed income assets sold off as concerns over growth persisted during the month. Interest rates and credit spreads rose as central banks continued to raise policy rates to curb inflation. Moves in rates effected both government bonds as well as credit assets with both losing value over the month. Within Equity, Emerging Market Equities underperformed developed Equity.

The underperformance was largely driven by asset allocation with an overweight to EM detracting the most. A long Eur position relative to the benchmark detracted as well along with a short Japanese duration. Underweight to Europe ex UK and a long position in gold contributed to the relative returns. Manager selection was positive and partially offset the losses from asset allocation. BlackRock US Equity and Emerging Market Equity outperformed their respective benchmarks leading to a positive contribution from Manager Selection.

During September, we made small changes by reducing our allocation to US, Japan and Europe ex UK equities. The portfolio risk stands at 6.58% while active risk is around 0.75%.

Moderate

The Portfolio returned -6.66% over the month underperforming the reference benchmark by 0.27%. Longer term, Since Inception returns sits at -5.49% p.a.

In September, both equity and fixed income assets sold off as concerns over growth persisted during the month. Interest rates and credit spreads rose as central banks continued to raise policy rates to curb inflation. Moves in rates effected both government bonds as well as credit assets with both losing value over the month. Within Equity, Emerging Market Equities underperformed developed Equity.

The underperformance was largely driven by asset allocation with an overweight to EM detracting the most. A long Eur position relative to the benchmark detracted as well along with a short Japanese duration. Underweight to Europe ex UK and a long position in gold contributed to the relative returns. Manager selection was positive and partially offset the losses from asset allocation. BlackRock US Equity and Emerging Market Equity outperformed their respective benchmarks leading to a positive contribution from Manager Selection.

During September, we made small changes by reducing our allocation to US, Japan and Europe ex UK equities. The portfolio risk stands at 9.9% while active risk is around 0.80%.

Aggressive

The Portfolio returned -8.06% over the month underperforming the reference benchmark by 0.08%. Longer term, Since Inception returns sits at -3.92% p.a.

In September, both equity and fixed income assets sold off as concerns over growth persisted during the month. Interest rates and credit spreads rose as central banks continued to raise policy rates to curb inflation. Moves in rates effected both government bonds as well as credit assets with both losing value over the month. Within Equity, Emerging Market Equities underperformed developed Equity.

The underperformance was largely driven by asset allocation with an overweight to EM detracting the most. A long Eur position relative to the benchmark detracted as well along with a short Japanese duration. Underweight to Europe ex UK and a long position in gold contributed to the relative returns. Manager selection was positive and partially offset the losses from asset allocation. BlackRock US Equity and Emerging Market Equity outperformed their respective benchmarks leading to a positive contribution from Manager Selection.

During September, we made small changes by reducing our allocation to US, Japan and Europe ex UK equities. The portfolio risk stands at 13.7% while active risk is around 1.0%.

Executive Summary

This report reviews the monthly performance, risk and positions of the **Cogence Global Portfolio** range, reviewing each model in turn.

		01 Conservative			02 Moderate			03 Aggressive		
		Portfolio	Benchmark ²	Active	Portfolio	Benchmark ³	Active	Portfolio	Benchmark ⁴	Active
Performance	Month	-5.27%	-4.80%	-0.47%	-6.66%	-6.39%	-0.27%	-8.06%	-7.98%	-0.08%
	3 Months	-4.65%	-4.16%	-0.49%	-5.17%	-5.02%	-0.15%	-5.72%	-5.90%	0.18%
	Year-to-date	-17.00%	-	-	-20.59%	-	-	-23.75%	-	-
	Since inception⁵	-7.39%	-	-	-5.49%	-	-	-3.92%	-	-
Risk	Ex-ante Risk¹	6.58%	6.02%	0.76%	9.91%	9.30%	0.80%	13.67%	12.95%	0.98%
ESG	ESG Adjusted Score	6.2	6.2	0.0	6.2	6.3	-0.1	6.7	6.5	0.2
	Carbon Emission Intensity	184.1%	175.4%	5.0%	184.1%	171.3%	7.5%	152.5%	169.0	-9.8%

Monthly Market Commentary

In September, both equity and fixed income assets sold off as concerns over growth persisted during the month. Interest rates and credit spreads rose as central banks continued to raise policy rates to curb inflation. Moves in rates effected both government bonds as well as credit assets with both losing value over the month.

All profiles faced a challenging month underperforming their respective benchmarks. The underperformance was driven by a combination of asset allocation and manager selection decisions with the former contributing more to negative relative returns. Looking at asset allocation, the overweights to emerging market debt and investment grade credit were the biggest detractors. Underweight to Europe ex UK and a long position in gold contributed to the relative returns.

During September, we made small changes by reducing our allocation to US, Japan and Europe ex UK equities. From a risk perspective, all three profiles are moderately risk on with active risk ranging from 75 -100 bps.

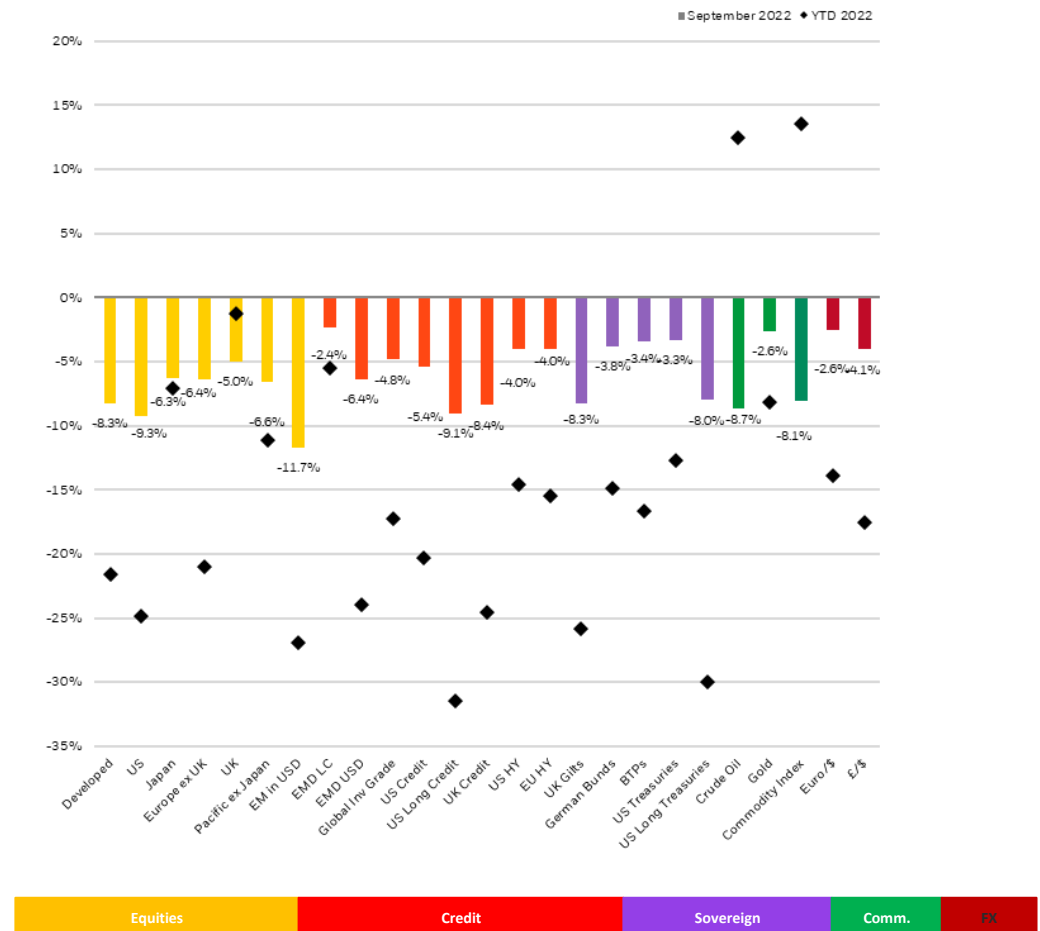
¹Risk based on 230 exponentially weighted monthly observations(36 month half life). ²Benchmark is composed of 25% MSCI All Country World Index (Net Total Return) and 75% BBG Global Index (USD Hedged). ³Benchmark is composed of 50% MSCI All Country World Index (Net Total Return) and 50% BBG Global Aggregate Index (USD Hedged). ⁴BenchAggregatemark is composed of 75% MSCI All Country World Index (Net Total Return) and 25% BBG Global Aggregate Index (USD Hedged). ⁵Since inception as at 18th August 2020

Monthly Market Update September 2022

Monthly Market Commentary

- Uncertainty continues to dominate markets with the ongoing energy crisis, rising inflation and fears on the global economic outlook all contributing towards it. Developed market equities fell to 8.3%. European equity markets were down to 6.4%, while US equities were down to 9.3% in September. Japanese equities fell to 6.3%. Following a similar pattern emerging markets also declined to 11.7%. During the month, developed market bonds also performed poorly. US treasuries fell to 3.3% while UK gilts returned -8.3%. In currencies, the Euro depreciated by 2.6% relative to the USD, while the Sterling depreciated by 4.1% relative to the USD.
- Due to increased inflation government bond yields rose considerably. The US 10-year Treasury yield rose by 67bps to 3.8%, with the two-year rising by 76bps to 4.21%. Germany's 10-year yield rose by 58bps to 2.11%. UK Gilts underperformed most other developed sovereign bond markets. Investment grade credit and high yield also detracted value. Emerging market debt performed negatively in local currency terms and in USD terms. Corporate bonds saw negative returns.
- Gold was down -2.6% to \$1674/ounce, in response to the major central banks continuing to hike interest rates. Brent crude was down 8.7% to \$88 per barrel. Commodity prices declined for the fourth consecutive month as escalating fears of a global economic slowdown and a stronger US dollar outweighed the prospects of tightening supply.

Monthly Market Performance



The figures shown relate to past performance. Past performance is not a reliable indicator of current or future results. Index performance is shown for illustrative purposes only. You cannot invest directly in an index. Index performance returns do not reflect any management fees, transaction costs or expenses. Source: Multi-Asset Strategies & Solutions, DataStream, all data as of 30 September 2022. All performance numbers in local currency unless otherwise stated.

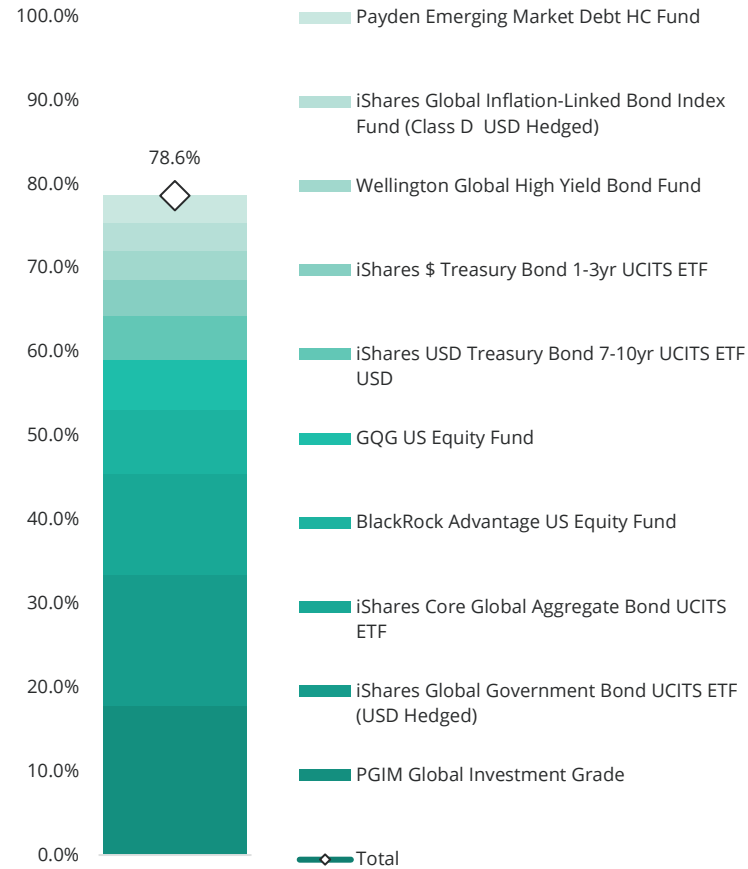
Asset Allocation Review

		Conservative		Moderate		Aggressive	
Asset Class		Market Value %		Market Value %		Market Value %	
		Sep-22	Change	Sep-22	Change	Sep-22	Change
Equity		25.35%	0.06%	50.50%	-0.01%	75.65%	-0.02%
Emerging Markets	iShares MSCI EM ESG Enhanced UCITS ETF	0.70%	0.00%	1.00%	-0.01%	1.30%	-0.01%
	Schroders ISF Emerging Markets Fund	3.10%	0.01%	6.40%	0.02%	9.40%	0.02%
Europe	BGF Continental European Flexible Fund, USD Unhedged	1.20%	0.00%	3.30%	-0.01%	5.35%	-0.03%
Global Small Cap	American Century Global Small Cap Equity Fund	1.00%	0.00%	1.75%	0.00%	2.55%	0.00%
Japan	iShares MSCI Japan ESG Enhanced UCITS ETF (Unhedged)	1.70%	-0.02%	3.30%	-0.03%	4.90%	0.00%
UK	iShares FTSE 100 ETF, USD Un-hedged	1.25%	-0.01%	2.20%	-0.02%	3.25%	-0.04%
	BlackRock Advantage US Equity Fund	7.65%	0.04%	12.40%	0.00%	16.30%	0.00%
US	GQG US Equity Fund	6.00%	0.04%	8.00%	0.04%	10.50%	0.04%
	iShares MSCI USA ESG Enhanced UCITS ETF	0.00%	0.00%	7.90%	0.00%	16.30%	0.00%
World Factors	iShares Edge MSCI World Minimum Volatility ESG UCITS ETF	2.10%	0.01%	3.00%	0.01%	3.90%	0.00%
	iShares Edge MSCI World Value ETF	0.65%	0.00%	1.25%	-0.01%	1.90%	-0.01%
Fixed Income		72.10%	-0.06%	46.70%	-0.05%	21.40%	0.00%
Emerging Markets	Neuberger Berman Emerging Market Debt Local Currency Fund	1.50%	0.01%	1.50%	0.01%	1.50%	0.01%
	Payden Emerging Market Debt HC Fund	3.25%	0.02%	4.00%	0.02%	4.75%	0.02%
	iShares \$ Treasury Bond 1-3yr UCITS ETF	4.30%	0.02%	2.00%	0.01%	0.00%	0.00%
	iShares China CNY Bond UCITS ETF Agg	3.00%	0.02%	2.00%	0.01%	0.80%	0.00%
	iShares Core Global Aggregate Bond UCITS ETF	12.00%	-0.05%	7.50%	-0.04%	1.05%	-0.01%
Government Bonds	iShares Euro Government Bond Climate UCITS ETF (EUR Unhedged)	2.65%	-0.03%	1.50%	-0.02%	0.00%	0.00%
	iShares Global Government Bond UCITS ETF (USD Hedged)	15.65%	-0.02%	7.50%	-0.02%	0.00%	0.00%
	iShares Global Inflation-Linked Bond Index Fund (Class D USD Hedged)	3.30%	0.02%	2.10%	0.01%	0.80%	0.00%
	iShares USD Treasury Bond 7-10yr UCITS ETF USD	5.25%	-0.03%	1.60%	-0.01%	0.00%	0.00%
High Yield	Wellington Global High Yield Bond Fund	3.50%	0.02%	3.50%	0.02%	3.50%	0.02%
IG Credit	PGIM Global Investment Grade	17.70%	-0.04%	13.50%	-0.04%	9.00%	-0.04%
Alternative		0.70%	0.00%	1.00%	-0.01%	1.30%	-0.01%
Gold	ISHARES PHYSICAL GOLD	0.70%	0.00%	1.00%	-0.01%	1.30%	-0.01%
Cash		1.85%	0.01%	1.80%	0.01%	1.65%	0.01%
Cash	BlackRock ICS US Dollar Liquid Environmentally Aware Fund Premier	1.85%	0.01%	1.80%	0.01%	1.65%	0.01%
Total		100%		100%		100%	

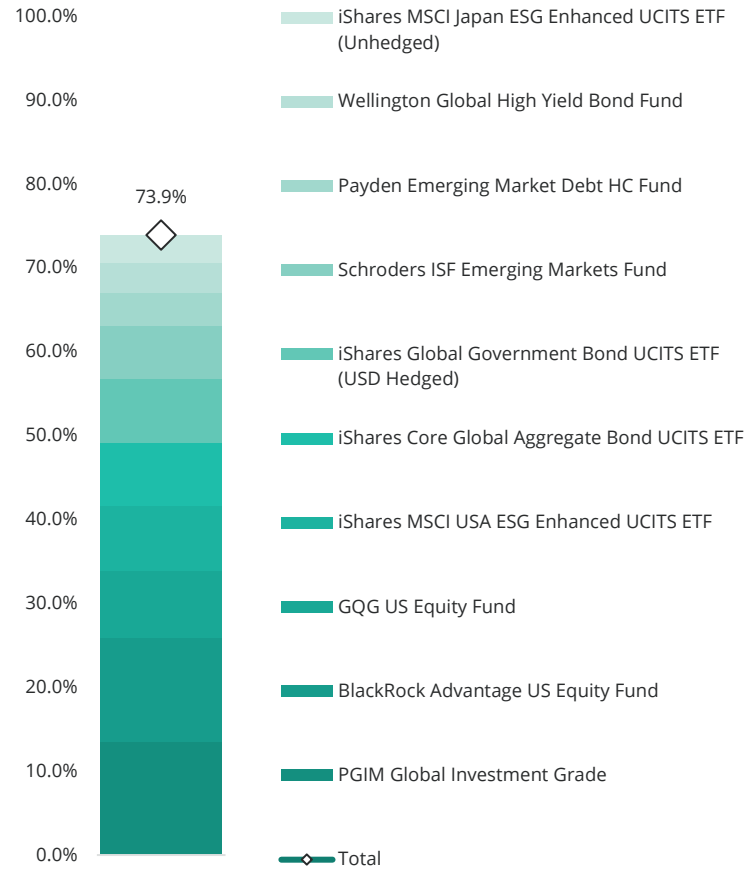
Source: BlackRock, 30 September 2022. Performance and valuations rounded where appropriate, hence totals may not sum. *Positions shown are as off end of the month and included market drift from the last rebalance.

Asset Allocation | Top 10 Holdings

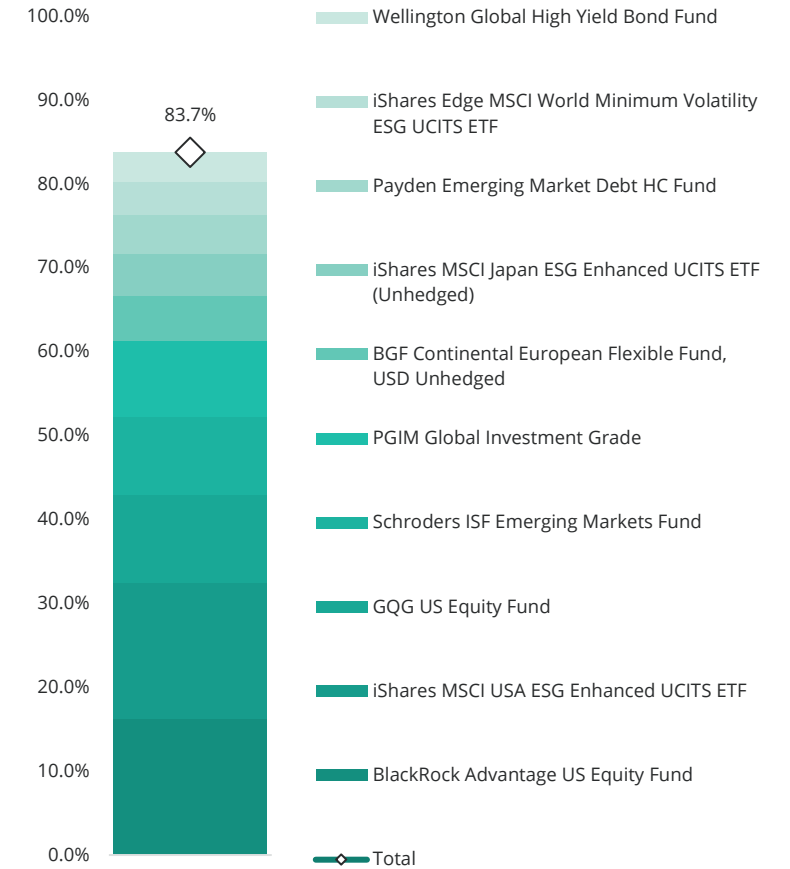
Conservative



Moderate



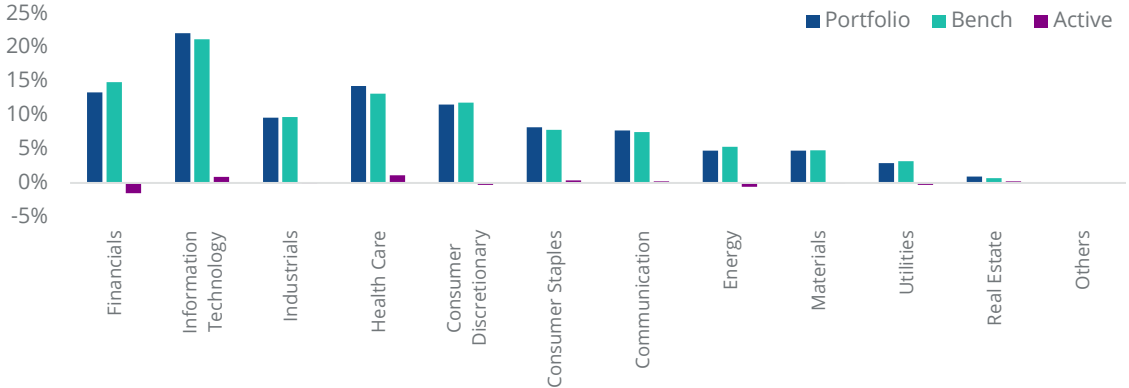
Aggressive



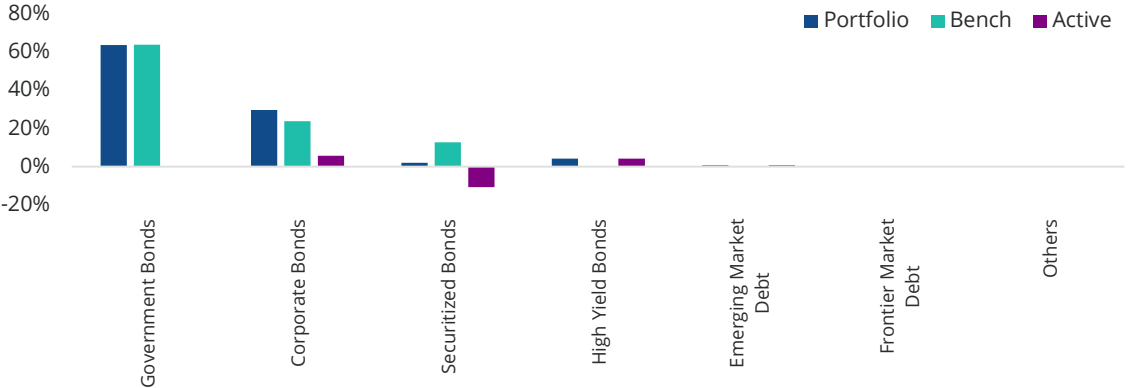
Asset Allocation Review | Look-Through Analysis

The graphs on this page provide a look-through perspective on active allocations in the **Conservative Model Portfolio**.

Equities: Sector allocation

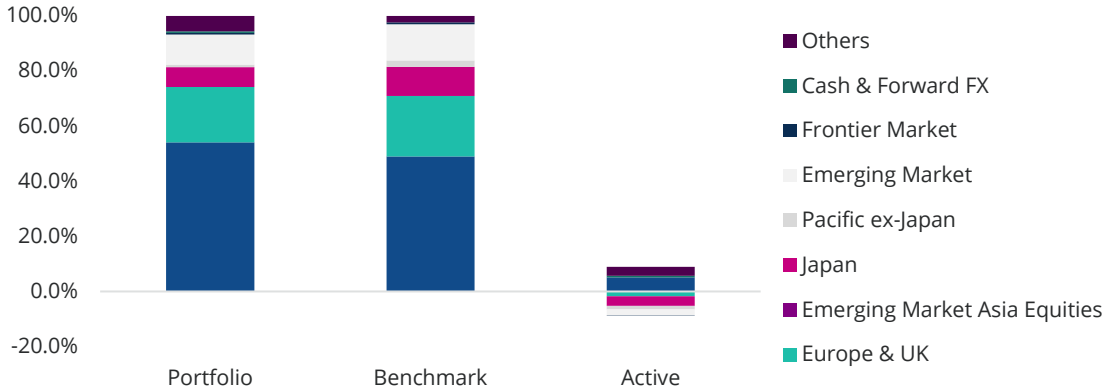


Fixed Income: Issuer Type

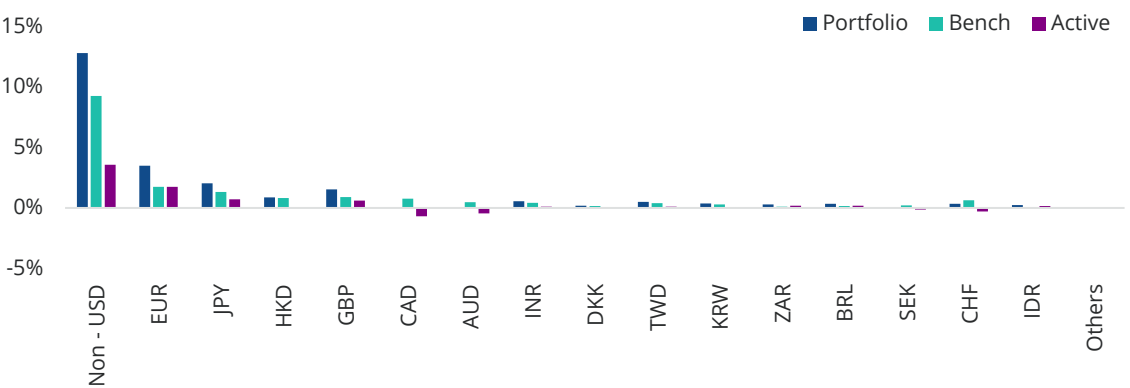


The allocations are scaled to the portfolio's total equity/fixed income allocation. Figures are based on unaudited values.

Total Portfolio: Country allocation



Total Portfolio: Currency allocation

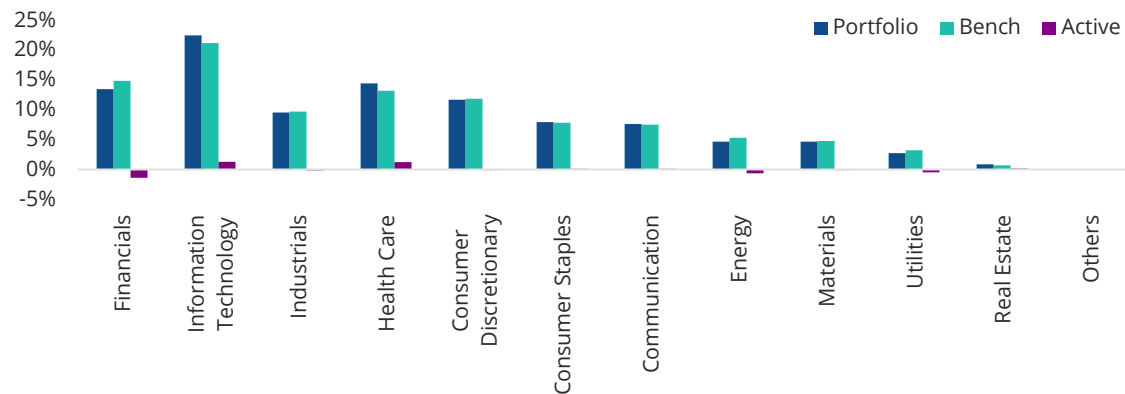


BlackRock, data as of 30 September. Figures are based on unaudited values. Benchmark is composed of 50% MSCI All Country World Index (Net Total Return) and 50% BBG Global Aggregate Index (USD Hedged).

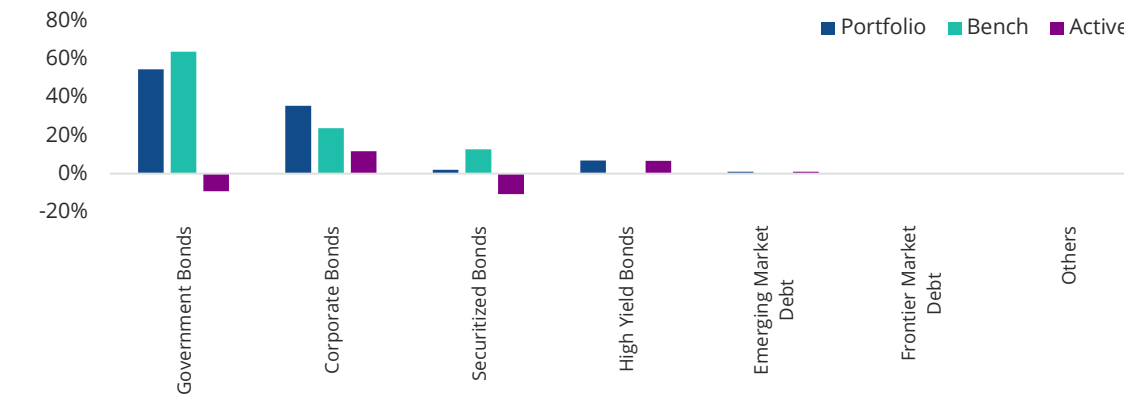
Asset Allocation Review | Look-through analysis

The graphs on this page provide a look-through perspective on active allocations in the **Moderate Model Portfolio**.

Equities: Sector allocation

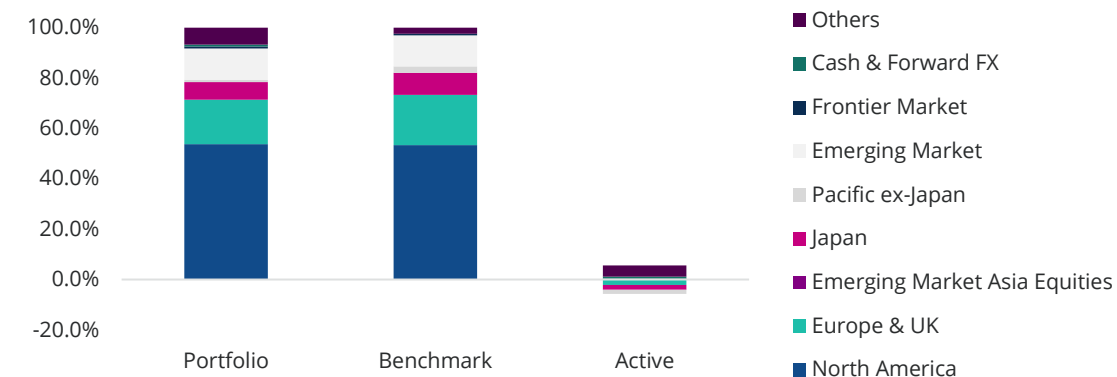


Fixed Income: Issuer Type

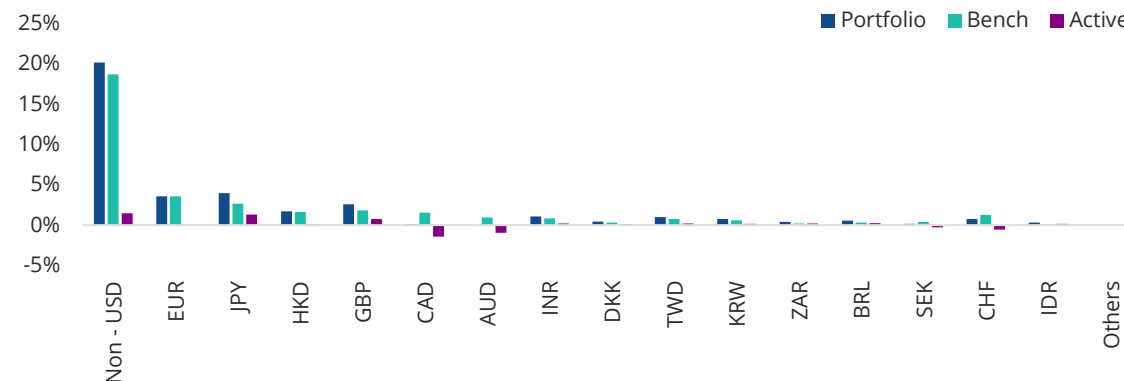


The allocations are scaled to the portfolio's total equity/fixed income allocation. Figures are based on unaudited values.

Total Portfolio: Country allocation



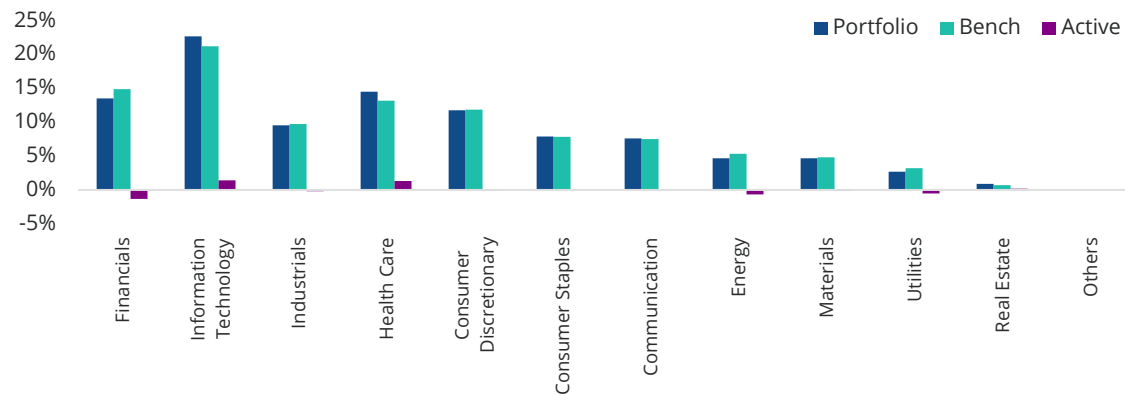
Total Portfolio: Currency allocation



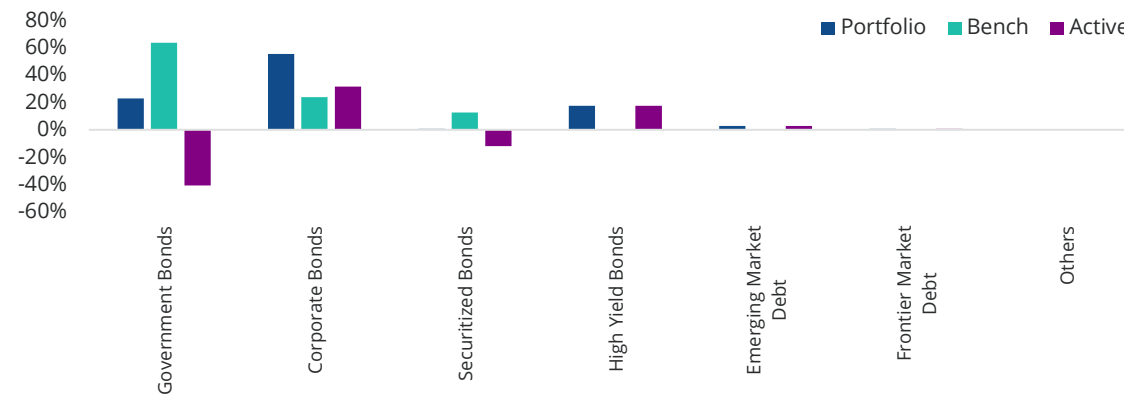
Asset Allocation Review | Look-Through Analysis

The graphs on this page provide a look-through perspective on active allocations in the **Aggressive Model Portfolio**.

Equities: Sector allocation

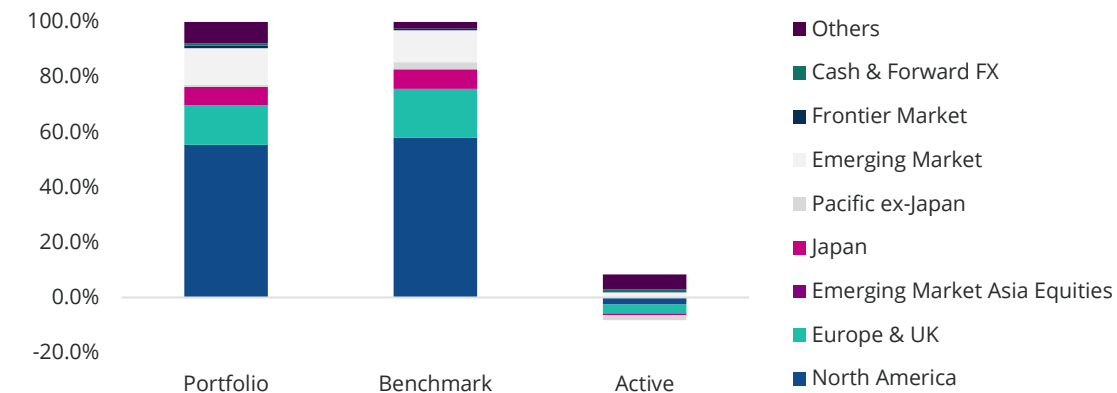


Fixed Income: Issuer Type

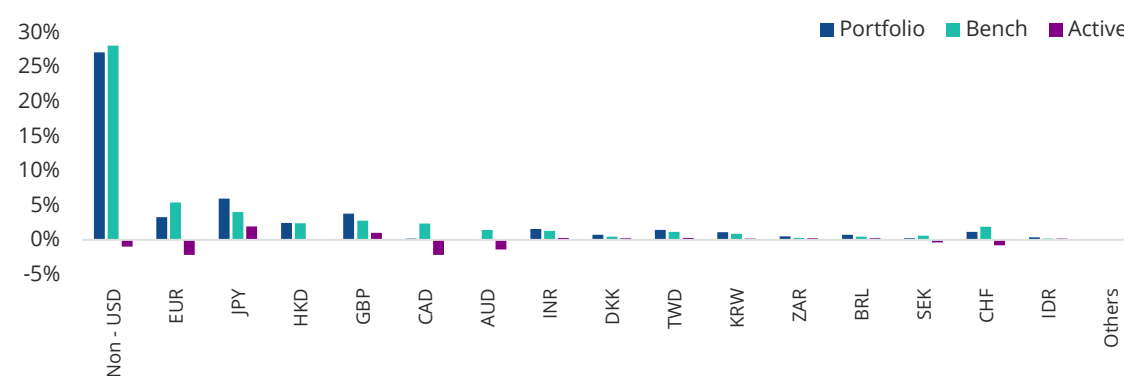


The allocations are scaled to the portfolio's total equity/fixed income allocation. Figures are based on unaudited values.

Total Portfolio: Country allocation



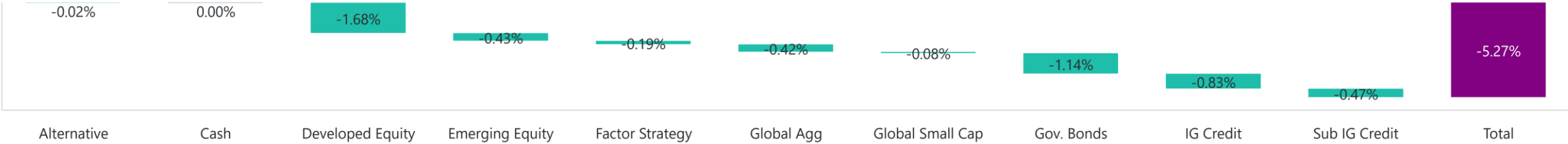
Total Portfolio: Currency allocation



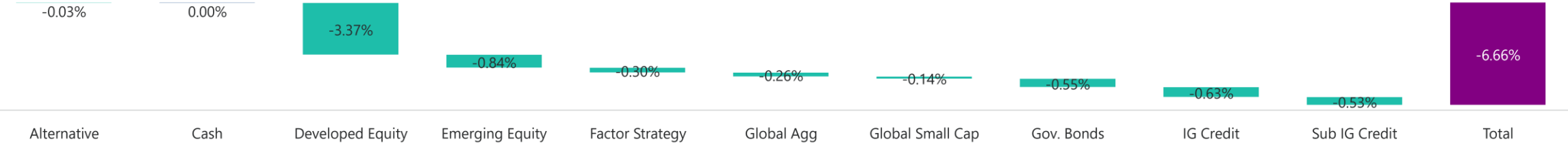
Performance Contribution | 1 Month

Performance Contribution identifies how much of the total portfolio performance has been contributed from the underlying investments.

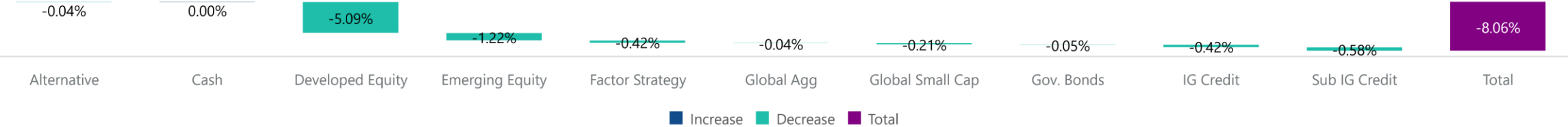
Conservative



Moderate



Aggressive



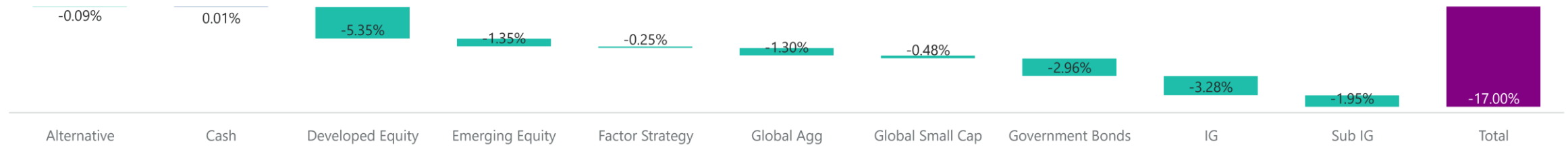
■ Increase ■ Decrease ■ Total

Note: Attribution methodology calculates the active performance under three headings. Asset Allocation includes any active tilts applied using underlying pooled funds, futures or currency forwards. Performance is shown gross of Fee, but some components of the performance may be net when the management fee relating to the collective investment scheme and exchange traded funds is borne in the unit price.

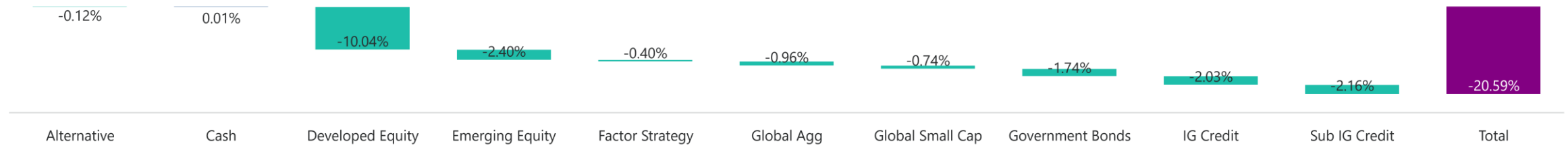
Performance Contribution | Year to Date

Performance Contribution identifies how much of the total portfolio performance has been contributed from the underlying investments.

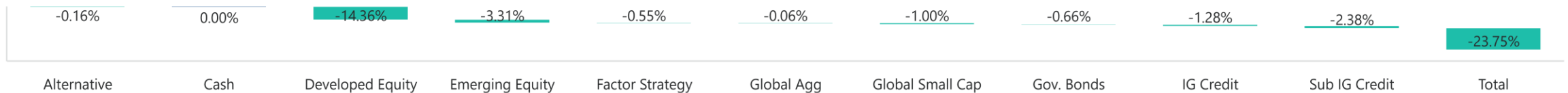
Conservative



Moderate



Aggressive



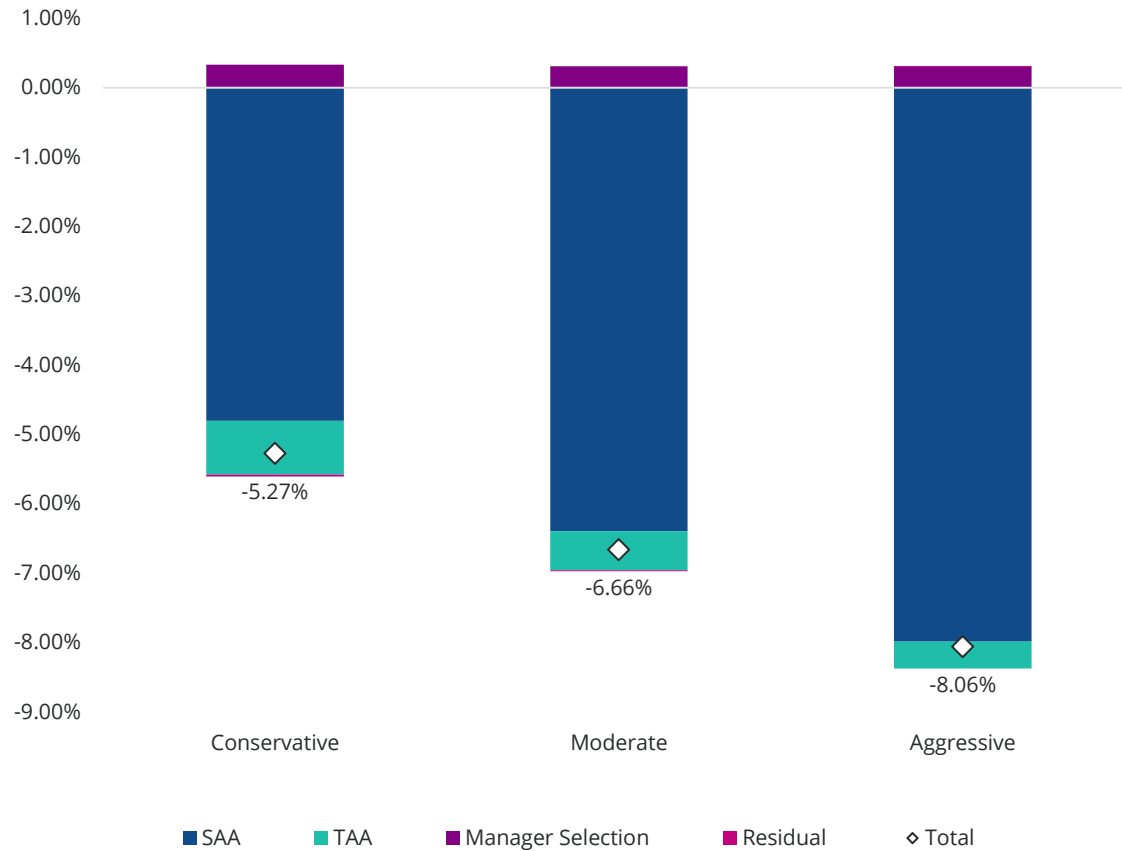
■ Increase ■ Decrease ■ Total

Note: Attribution methodology calculates the active performance under three headings. Asset Allocation includes any active tilts applied using underlying pooled funds, futures or currency forwards. Performance is shown gross of Fee, but some components of the performance may be net when the management fee relating to the collective investment scheme and exchange traded funds is borne in the unit price.

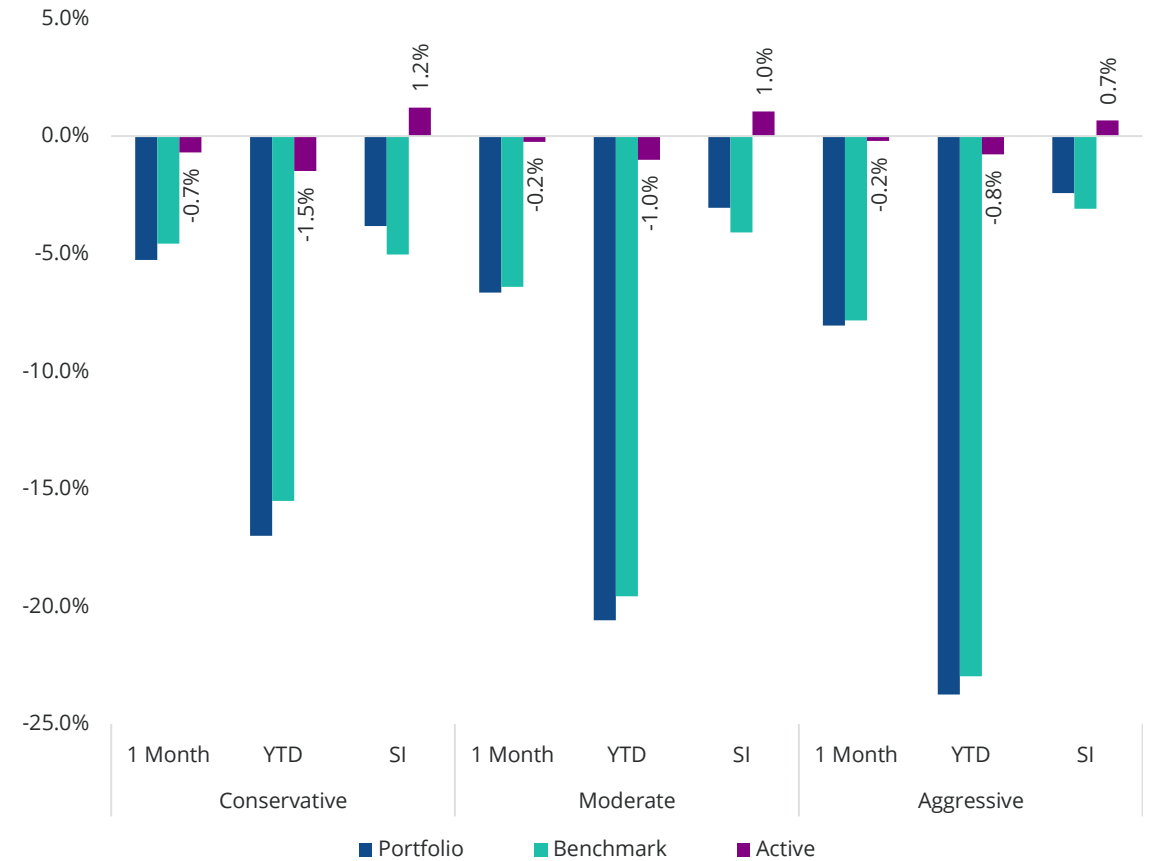
Performance

The charts on this page provide attribution and peer group analysis.

Drivers of Active Returns



Peer Group Analysis



Source: BlackRock, 31 September 2022. *MorningStar peer group performance based on using median returns. Currency = US Dollar, Category = Cautious Allocation (for Conservative profile); Moderate Allocation (for Moderate profile); Aggressive Allocation (for Aggressive profile). The universe is filtered to include a subset of only active funds and only the oldest shares of the active funds to remove duplication. Performance since inception for portfolio and peer group calculated from 8/31/2020. The figures shown relate to past performance. Past Performance is not a reliable indicator of current or future results and should not be the sole factor of consideration when selecting a product or strategy. Note: Attribution methodology calculates the active performance under three headings. Asset Allocation includes any active tilts applied using underlying pooled funds, futures or currency forwards. Performance is shown gross of Fee, but some components of the performance may be net when the management fee relating to the collective investment scheme and exchange traded funds is borne in the unit price.

Active Managers | Performance Dashboard

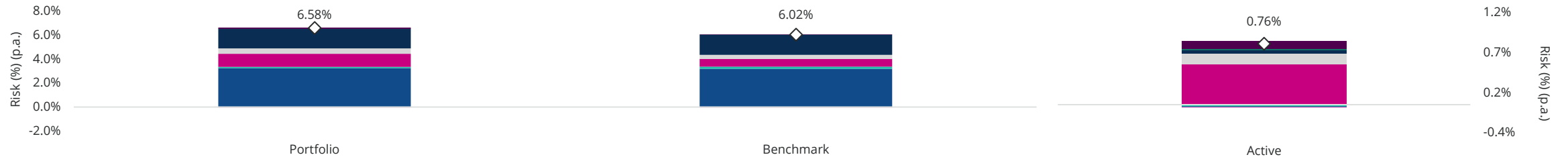
The table below shows the performance of underlying active managers vs their respective benchmarks.

ISIN	Fund	1 Month			3 Month			Year to Date			1 Year			3 Year		
		Fund	Bench	Active	Fund	Bench	Active	Fund	Bench	Active	Fund	Bench	Active	Fund	Bench	Active
IE00BFLQZJ56	PGIM GLOBAL CORPORATE BOND UCITS F	-4.68%	-4.49%	-0.19%	-4.33%	-4.30%	-0.03%	-17.87%	-16.70%	-1.17%	-17.92%	-16.67%	-1.25%	-3.34%	-3.38%	0.04%
IE00BL5GZN70	WELLINGTON GLOBAL HIGH YIELD BOND	-5.10%	-4.21%	-0.89%	-1.86%	-1.02%	-0.85%	-15.80%	-15.74%	-0.06%	-15.28%	-16.02%	0.75%	-	-	-
IE00BHX5Q577	PAYDEN & RYGEL EMERGING MARKET HAR	-6.94%	-6.36%	-0.57%	-4.49%	-4.57%	0.08%	-	-	-	-	-	-	-	-	-
IE00BMY4BK85	NEUBERGER BERMAN EMD FUND USD Y AC	-4.75%	-4.87%	0.12%	-3.89%	-4.73%	0.84%	-19.17%	-18.57%	-0.60%	-21.40%	-20.63%	-0.77%	-	-	-
IE00BFZP7V49	BLK SUS ADV US EQ FD D ACC USD	-7.97%	-9.31%	1.34%	-3.28%	-4.81%	1.53%	-24.53%	-25.08%	0.54%	-16.77%	-17.60%	0.83%	8.26%	7.62%	0.64%
IE00BN4GYG85	GQG PARTNERS US EQUITY I USD ACC	-10.48%	-9.21%	-1.27%	-11.25%	-4.88%	-6.37%	-13.15%	-23.87%	10.71%	-6.99%	-15.47%	8.48%	-	-	-
LU2049715449	SCHRODERS EM CORE EQUITY UCITS	-11.30%	-11.72%	0.42%	-11.68%	-11.57%	-0.11%	-30.24%	-27.16%	-3.09%	-32.16%	-28.11%	-4.05%	-2.68%	-2.07%	-0.61%
LU2315844121	BGF CONT EU FLEX FD I2 USD	-9.85%	-8.80%	-1.05%	-8.78%	-10.17%	1.38%	-40.77%	-31.58%	-9.19%	-37.84%	-27.79%	-10.05%	-	-	-
IE00BL5M8925	AMERICAN CENTURY GLOBAL SMALL CAP	-8.24%	-8.39%	0.15%	1.03%	-2.31%	3.34%	-28.58%	-20.65%	-7.93%	-26.27%	-18.54%	-7.73%	-	-	-

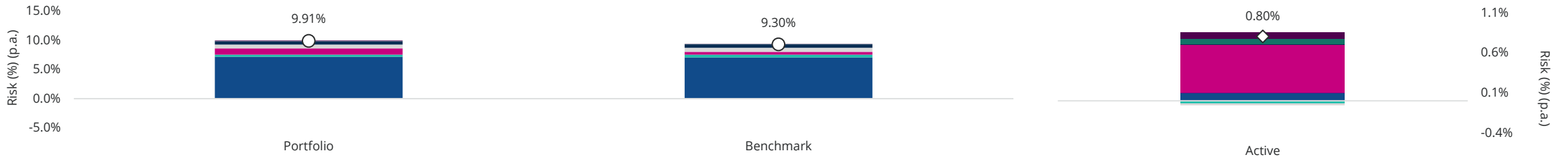
Note: Performance for managers has been sourced from Bloomberg for the respective shareclasses (ISINs)

Risk Review | Absolute & Relative

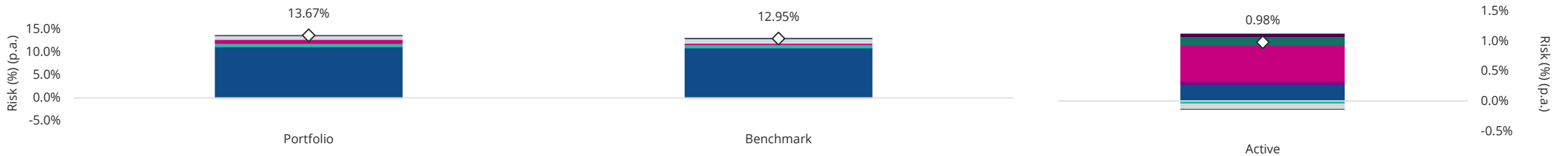
Conservative



Moderate



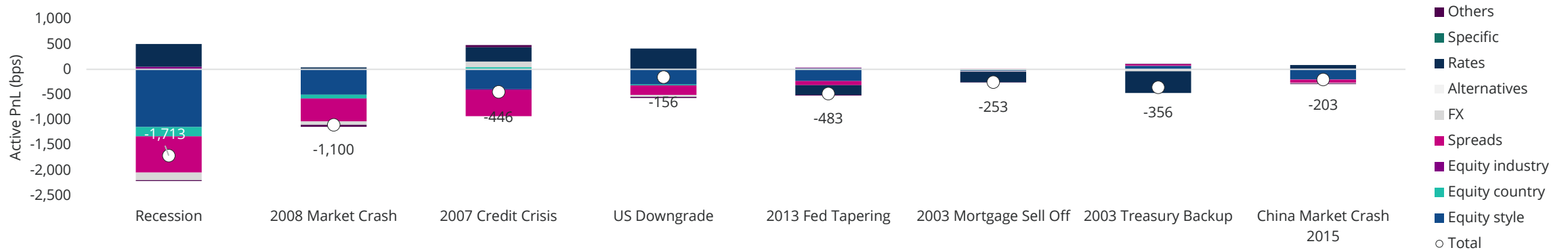
Aggressive



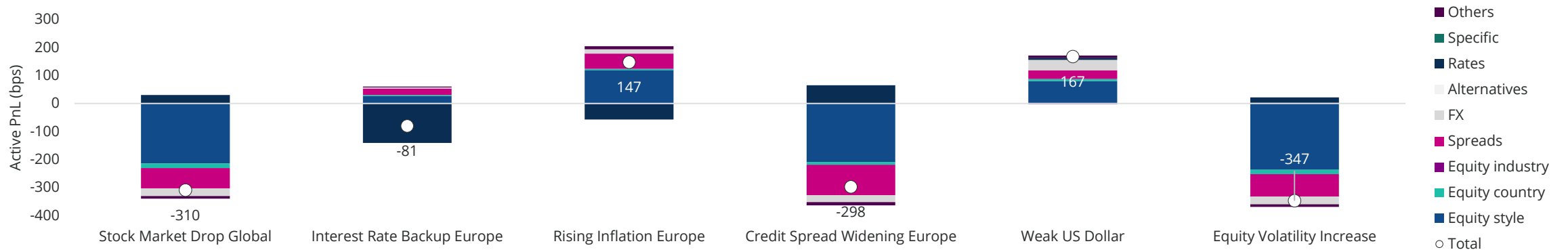
Risk Review | Scenario analysis

The charts below apply different historical and forward-looking scenarios to the current portfolio. For additional information on the forward-looking scenarios, please refer to the appendix. The below data is for the **Conservative Model Portfolio**

Historical scenarios



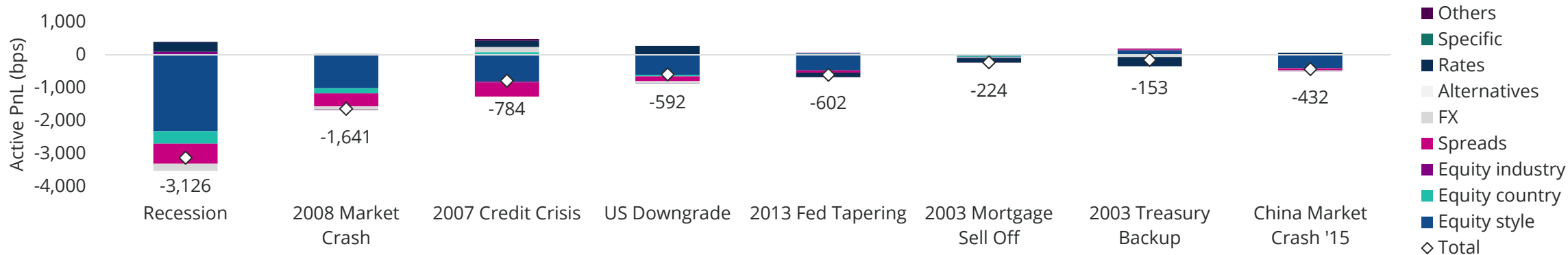
Forward-looking scenarios



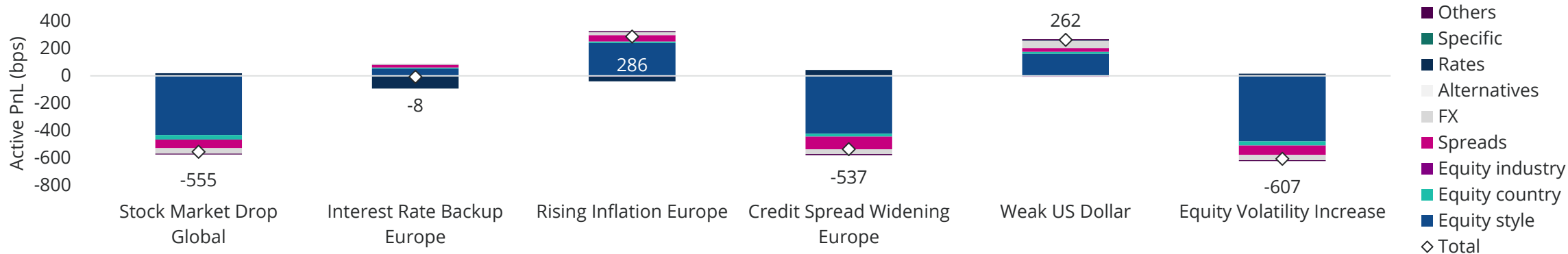
Risk Review | Scenario analysis

The charts below apply different historical and forward-looking scenarios to the current portfolio. For additional information on the forward-looking scenarios, please refer to the appendix. The below data is for the **Moderate Model Portfolio**

Historical scenarios



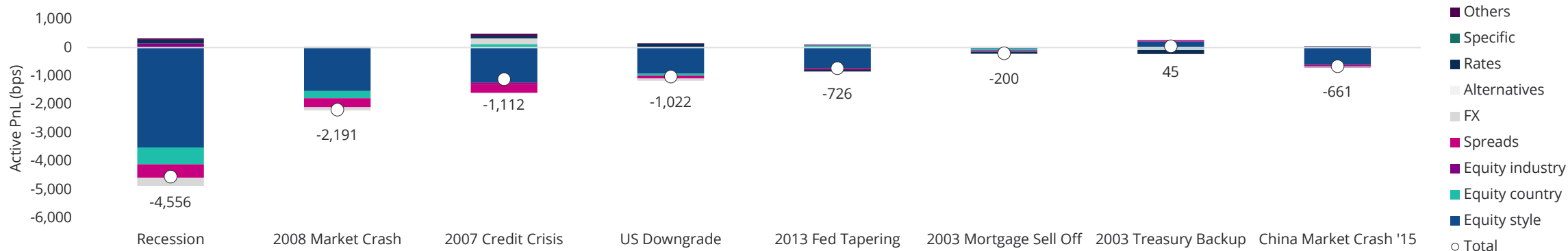
Forward-looking scenarios



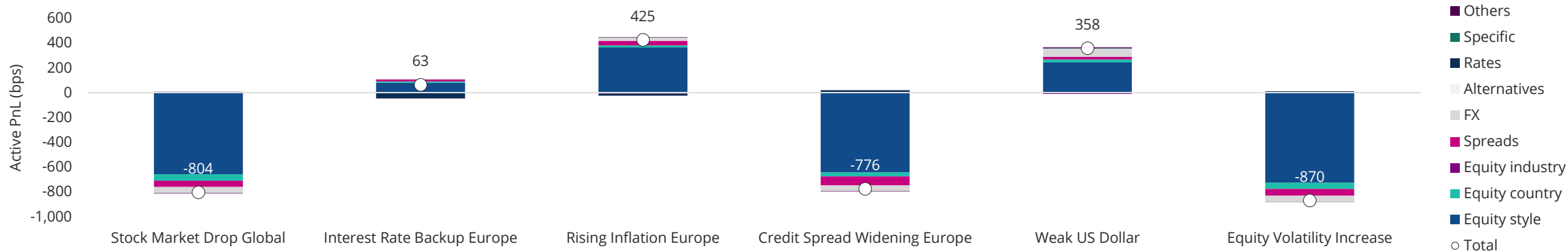
Risk Review | Scenario analysis

The charts below apply different historical and forward-looking scenarios to the current portfolio. For additional information on the forward-looking scenarios, please refer to the appendix. The below data is for the **Aggressive Model Portfolio**

Historical scenarios

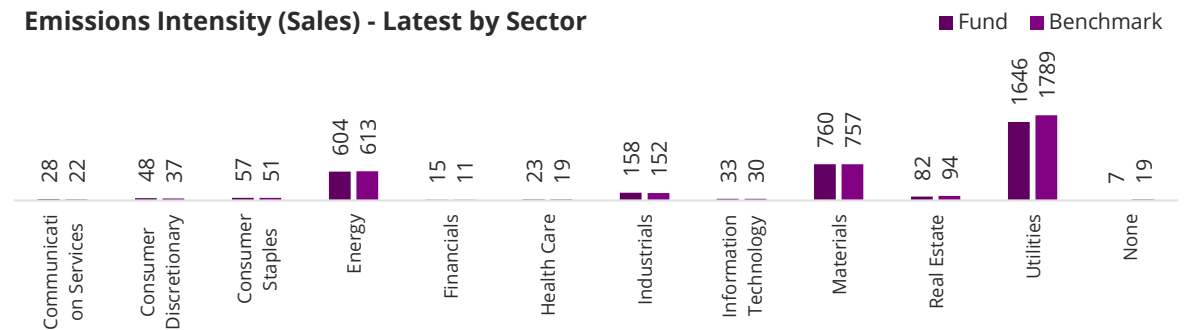
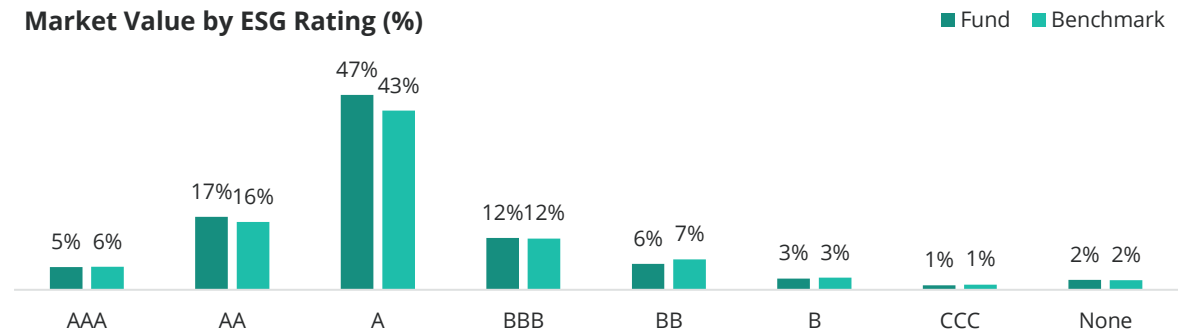
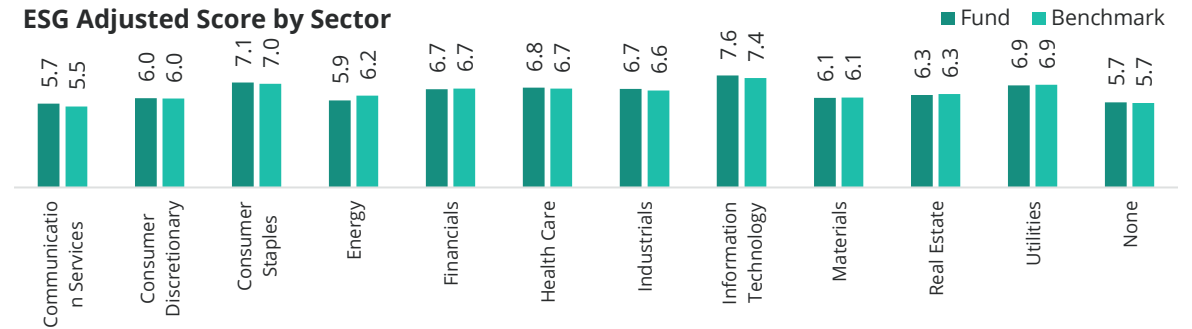


Forward-looking scenarios



Carbon and ESG Reporting | Global Conservative Fund

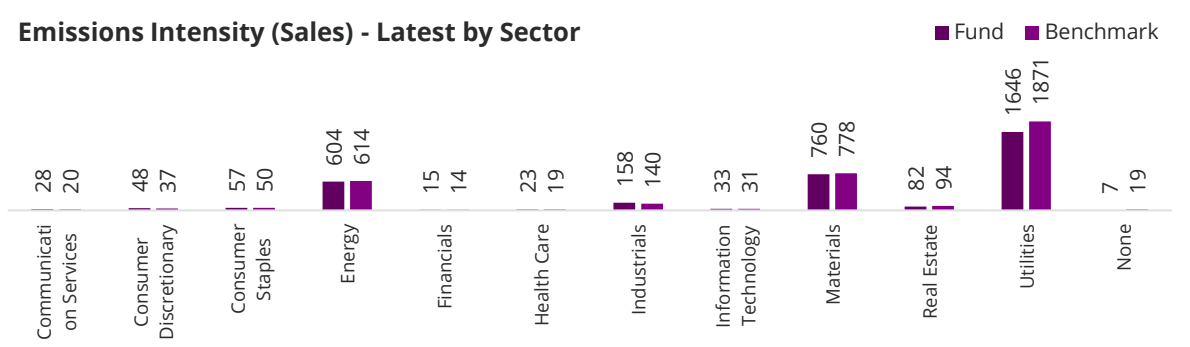
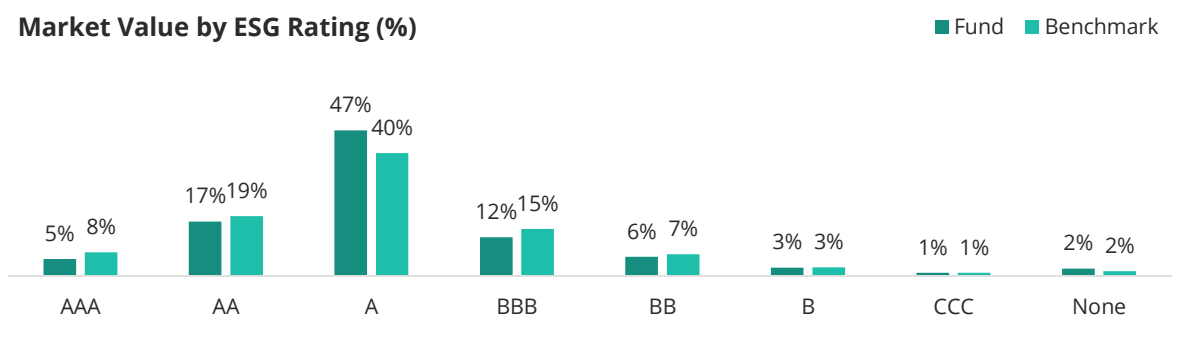
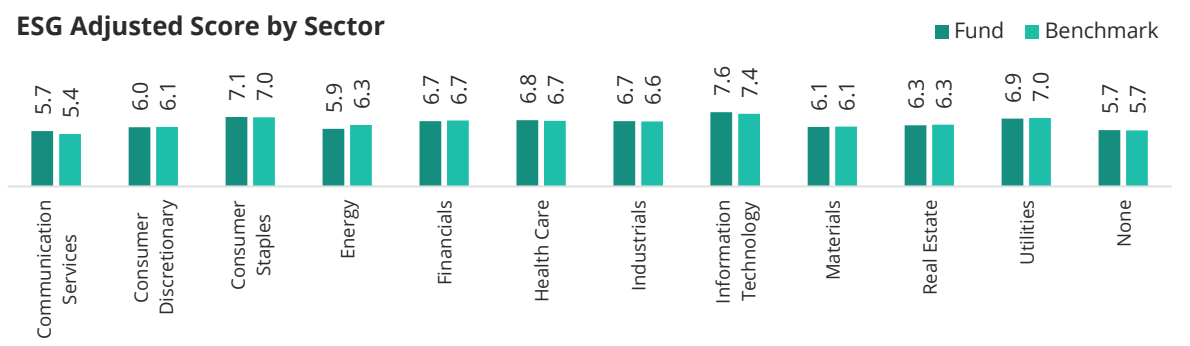
ESG	Portfolio Benchmark		Active					
	ESG Coverage % Market Value	91.9%	88.2%					
	ESG Adjusted Score 0 (worst) - 10 (best)	6.2	6.2	0.0				
	Environment Score 0 (worst) - 10 (best)	6.0	5.7	0.3				
	Social Score 0 (worst) - 10 (best)	6.4	6.4	-0.1				
	Governance Score 0 (worst) - 10 (best)	5.9	6.0	-0.2				
Active Risk Contribution by ESG Rating (bps)			647					
	-49	-129	-216	-105	-39	-15	-5	
	AAA	AA	A	BBB	BB	B	CCC	None
Carbon	Fund		Benchmark	Active				
	Emissions Intensity (Tot. Capital) - Latest (metric tonnes / \$ million total capital)	98.4	100.7	-2.3%				
	Emissions Intensity (Sales) - Latest (metric tonnes / \$ million total sales)	184.1	175.4	5.0%				



Source: Based on portfolio holdings data at 30 September 2022 For information only, subject to change. For explanations about the methodology, refer to 'Methodologies and assumptions'. The ratings, metrics, methodologies and scores may differ from those of other providers. Certain information ©2019 MSCI ESG Research LLC. Reproduced by permission; no further distribution.

Carbon and ESG Reporting | Global Moderate Fund

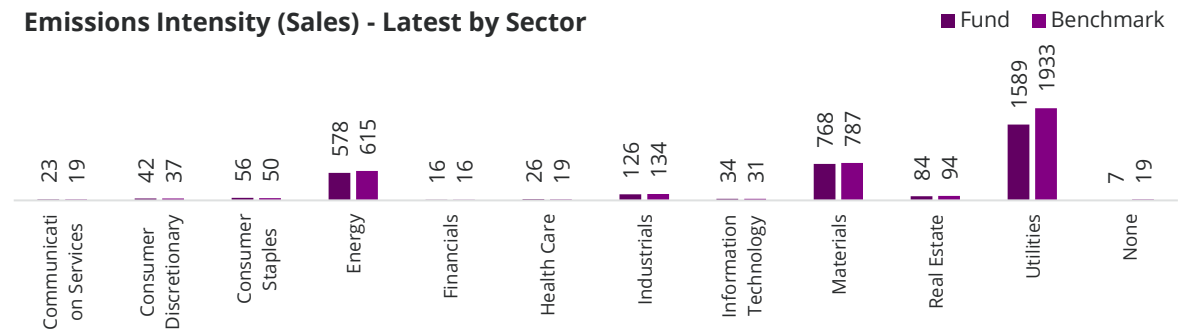
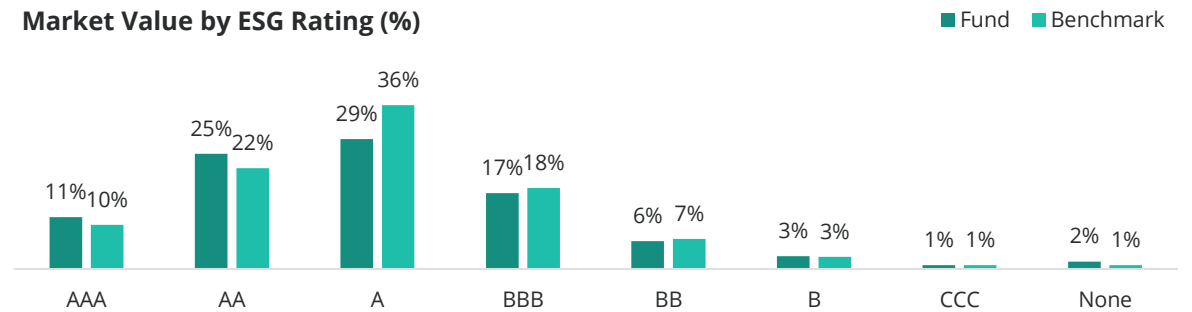
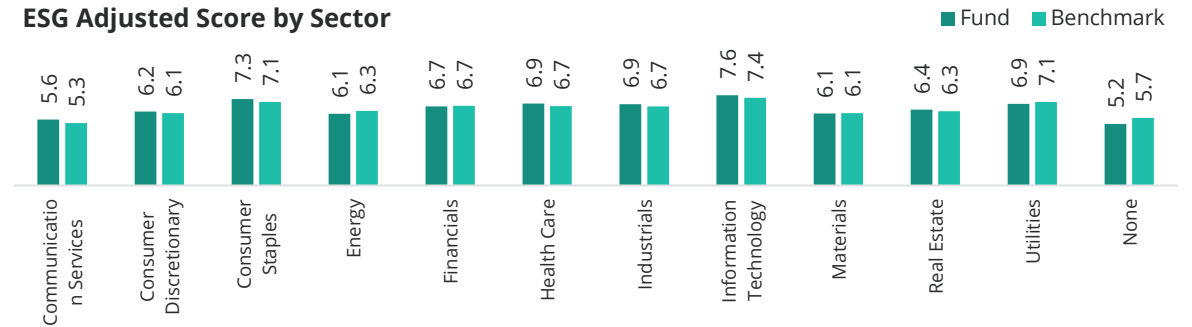
ESG	Portfolio Benchmark Active							
	ESG Coverage % Market Value	91.9%	92.1%					
	ESG Adjusted Score 0 (worst) - 10 (best)	6.2	6.3	-0.1				
	Environment Score 0 (worst) - 10 (best)	6.0	6.0	0.0				
	Social Score 0 (worst) - 10 (best)	6.4	6.0	0.4				
	Governance Score 0 (worst) - 10 (best)	5.9	5.8	0.0				
Active Risk Contribution by ESG Rating (bps)			647					
	-49	-129	-216	-105	-39	-15	-5	
	AAA	AA	A	BBB	BB	B	CCC	None
Carbon								
	Emissions Intensity (Tot. Capital) - Latest (metric tonnes / \$ million total capital)	Fund: 98.4	Benchmark: 101.7	Active: -3.3%				
	Emissions Intensity (Sales) - Latest (metric tonnes / \$ million total sales)	Fund: 184.1	Benchmark: 171.3	Active: 7.5%				



Source: Based on portfolio holdings data at 30 September 2022 For information only, subject to change. For explanations about the methodology, refer to 'Methodologies and assumptions'. The ratings, metrics, methodologies and scores may differ from those of other providers. Certain information ©2019 MSCI ESG Research LLC. Reproduced by permission; no further distribution.

Carbon and ESG Reporting | Global Aggressive Model Portfolio

ESG	Portfolio Benchmark		Active					
	ESG Coverage % Market Value	91.8%	96.0%					
	ESG Adjusted Score 0 (worst) - 10 (best)	6.7	6.5	0.2				
	Environment Score 0 (worst) - 10 (best)	6.6	6.3	0.3				
	Social Score 0 (worst) - 10 (best)	5.4	5.6	-0.2				
	Governance Score 0 (worst) - 10 (best)	5.6	5.7	-0.1				
Active Risk Contribution by ESG Rating (bps)			851					
	-88	-184	-254	-160	-55	-24	-6	
	AAA	AA	A	BBB	BB	B	CCC	None
Carbon	Fund		Benchmark	Active				
	Emissions Intensity (Tot. Capital) - Latest (metric tonnes / \$ million total capital)	91.1	102.2	-10.9%				
	Emissions Intensity (Sales) - Latest (metric tonnes / \$ million total sales)	152.5	169.0	-9.8%				



Source: Based on portfolio holdings data at 30 September 2022 For information only, subject to change. For explanations about the methodology, refer to 'Methodologies and assumptions'. The ratings, metrics, methodologies and scores may differ from those of other providers. Certain information ©2019 MSCI ESG Research LLC. Reproduced by permission; no further distribution.

Supporting Material

cogence

ESG Methodology and Assumptions

	Metric	Methodology	Interpretation
ESG	ESG Score (Adjusted)	Best scoring company within a peer group is given a score of 10, the worst scoring one will be given a score of 0 and a normal distribution will be applied for the ones in between.	Indicates how well an issuer manages its most material ESG risks relative to sector peers (0 worst, 10 best). Makes company scores across different industries comparable.
	Environment Score	Weighted average of key issue scores falling under the Environmental Pillar.	Indicates how well an issuer manages environmental risks such as greenhouse gas emissions, deforestation etc. relative to sector peers. (0 worst, 10 best).
	Social Score	Weighted average of key issue scores falling under the Social Pillar.	Indicates how well an issuer deals with social issues such as working conditions, employee relations & diversity etc. relative to sector peers. (0 worst, 10 best).
	Governance Score	Weighted average of key issue scores falling under the Governance Pillar.	Indicates how well an issuer deals with governance matters such as executive pay, tax strategy etc. relative to sector peers. (0 worst, 10 best).
Carbon	Emissions Financed (metric tonnes / \$ million total capital)	$\sum \left(\frac{\text{Scope 1 \& 2 GHG Emissions}}{\text{Total Capital}} \right)$	Emissions normalized by total capital (total debt + total equity). With every million dollar invested x metric tons of emissions are financed.
	Emissions Intensity (metric tonnes / \$ million sales)	$\sum \left(\frac{\text{Scope 1 \& 2 GHG Emissions}}{\text{Total Sales}} \right)$	Emissions normalized by total sale. With every million dollar revenue x metric tons of emissions are financed.

ESG data for funds and individual securities has been sourced from MSCI. Aggregation at the sleeve/ total portfolio level has been done using BlackRock approved methodology.

Additional Information can be found in the Glossary slides

Legend for Relative Coloring Scheme



Historical Scenario Test Analysis | Scenario Descriptions

Scenario	Scenario Description
Recession	Represents the largest market drawdown of the financial crisis of the period. December 2007 to March 2009.
Crash 2008	Performance during the year 2008.
Crash 2007	Performance during the year 2007.
US Downgrade	Period starts with 50% chance of US downgrade indication from S&P Standards and ends with Operational Twist announcement by Fed.
2013 Fed Tapering	Tapering Talks stirred the market since Congress Testimony by Bernanke with both equity and bond markets sold off.
2003 Mortgage Sell Off	Mortgage sell off of 2003.
2003 Treasury Backup	Backup of treasuries in 2003.
China Market Crash	Chinese stock market crash beginning with the popping of the stock market bubble on 12 June 2015.

Scenario Test Analysis | Scenario Descriptions

Scenario	Scenario Description
Stock Market Drop Global	Global Stock markets are shocked with a one percentile drawdown.
Interest Rate Backup Europe	European Rates are shocked with a one percentile increase.
Rising Inflation Europe	European Inflation is shocked with a one percentile increase.
Credit Spread Widening Europe	Credit Spreads for European Corporate bonds are shocked with a one percentile Credit Spread Widening.
Weak US Dollar	US Dollar is shocked with one a percentile drop.
Equity Volatility Increase	Equity Volatility is shocked with one a percentile increase.

Glossary of Terms | Risk Exposures

Term	Description
Equities	Measures the contribution to risk from holding equities in the portfolio.
FX	Measures the contribution to risk from unhedged non GBP currency exposure
Specific	Idiosyncratic risk; that is, risk due to the unique circumstances of a particular security and not the market as a whole.
Alternatives	Measures the contribution to risk from holding alternative asset classes such as property, hedge funds or illiquid assets.
Interest Rates	The Scheme's liabilities and fixed income assets are exposed to interest rate risk which means that the values of these assets will change when there is a change to the level of interest rates. This illustrates the contribution to risk from the Scheme's liabilities which aren't offset by fixed income (matching) assets.
Spreads	Measures the contribution to risk from holding corporate bonds and swaps in the portfolio.
US Interest Rates	Measures contribution to risk from exposure to US interest rates.
Inflation	The Scheme's liabilities and fixed income assets are exposed to inflation risk which means that the values of these assets will change when there is a change to inflation expectations. This illustrates the contribution to risk from the Scheme's liabilities which aren't offset by inflation linked (matching) assets.
Others	Measures risks that are not attributed to any of the factors listed above. It includes but is not limited to risks attributed to convexity, and cash & cash equivalents.

Important information

This material is for distribution to Professional Client (as defined by the FCA or MiFID rules) and Qualified investors only and should not be relied upon by any other persons.

- The information contained herein, is proprietary in nature and has been provided to you on a confidential basis, and September not be reproduced, copied or distributed without the prior consent of BlackRock.
- This report is not intended as an offer or solicitation with respect to the purchase or sale of any financial instrument, including BlackRock products, and has not been prepared in connection with any such offer.
- The information and opinions contained in this report are derived from proprietary and non-proprietary sources deemed by BlackRock to be reliable, are not necessarily all-inclusive and are not guaranteed as to accuracy. As such, no warranty of accuracy or reliability is given and no responsibility arising in any other way for errors and omissions (including responsibility to any person by reason of negligence) is accepted by BlackRock, its officers, employees or agents.
- This document is provided for the information of its intended recipient and BlackRock expressly disclaims any liability which September result from any use of this information, including, but not limited to, its use in the preparation of financial reports or other disclosures.
- BlackRock does not provide accounting, tax or legal advice and, in providing this information, BlackRock it is not acting as an accounting agent and it does not maintain the official accounting records for the recipient of this document, or for portfolios that it manages on its clients' behalf.
- **Capital at risk.** The value of investments and the income from them can fall as well as rise and is not guaranteed. You September not get back the amount originally invested. Changes in the rates of exchange between currencies September cause the value of investments to diminish or increase. Fluctuation September be particularly marked in the case of a higher volatility fund and the value of an investment September fall suddenly and substantially. Levels and basis of taxation September change from time to time.
- Past performance is not a reliable indicator of current or future results and should not be the sole factor of consideration when selecting a product or strategy.
- This document has been issued by the BlackRock entity specified on the cover page of this report, which September be BlackRock Investment Management (UK) Limited, BlackRock International Limited, BlackRock Advisors (UK) Limited, or BlackRock Institutional Trust Company N.A., (UK Branch), each of which is authorised and regulated by the Financial Conduct Authority. Please refer to the Financial Conduct Authority website for a list of authorised activities conducted by BlackRock. BlackRock (Netherlands) B.V. is authorised and regulated by the Dutch Authority for the Financial Markets (AFM) and BlackRock Asset Management Deutschland AG is authorised and regulated by the Federal Financial Supervisory Authority (BaFin).
- This is a bespoke report produced at the client's request. If you no longer wish to receive this bespoke report, please contact your relationship manager.

© 2022 BlackRock, Inc. All Rights reserved. BLACKROCK, BLACKROCK SOLUTIONS, iSHARES, BUILD ON BLACKROCK, SO WHAT DO I DO WITH MY MONEY and the stylized i logo are registered and unregistered trademarks of BlackRock, Inc. or its subsidiaries in the United States and elsewhere. All other trademarks are those of their respective owners.

Disclaimer

Cogence (Pty) Ltd - Registration 2009/011658/07. An authorised financial services provider. BlackRock® is a registered trademark of BlackRock, Inc. and its affiliates ("BlackRock") and is used under license. BlackRock makes no representations or warranties regarding the advisability of investing in any product or the use of any service offered by Cogence (Pty) Ltd. BlackRock has no obligation or liability in connection with the operation, marketing, trading or sale of any product or service offered by Cogence (Pty) Ltd.

Portfolios are managed and provided by Cogence and may utilise offshore (non-South African) financial instrument-level asset allocations and separately, allocations in connection to offshore (non-South African) and onshore (South African) asset classes provided by BlackRock. BlackRock has not provided any specific financial instrument-level based allocations in relation to onshore financial instruments and other third party asset-based allocations may have been utilised in respect of any financial instrument-level based allocations relating to onshore financial instruments. BlackRock does not provide any service or product to you and has not considered the suitability of its asset allocations against individual needs, objectives and risk tolerances for investors. As such, BlackRock's asset allocations do not constitute investment advice or an offer to sell or a solicitation of an offer to buy any securities. BlackRock's asset allocations may be designed with an aim to outperform certain third-party benchmarks (or utilise a combination of weightings from these but these benchmarks are not used to define asset allocation and these asset allocations are provided with no guarantee that such benchmarks or combinations (as applicable) will be outperformed.