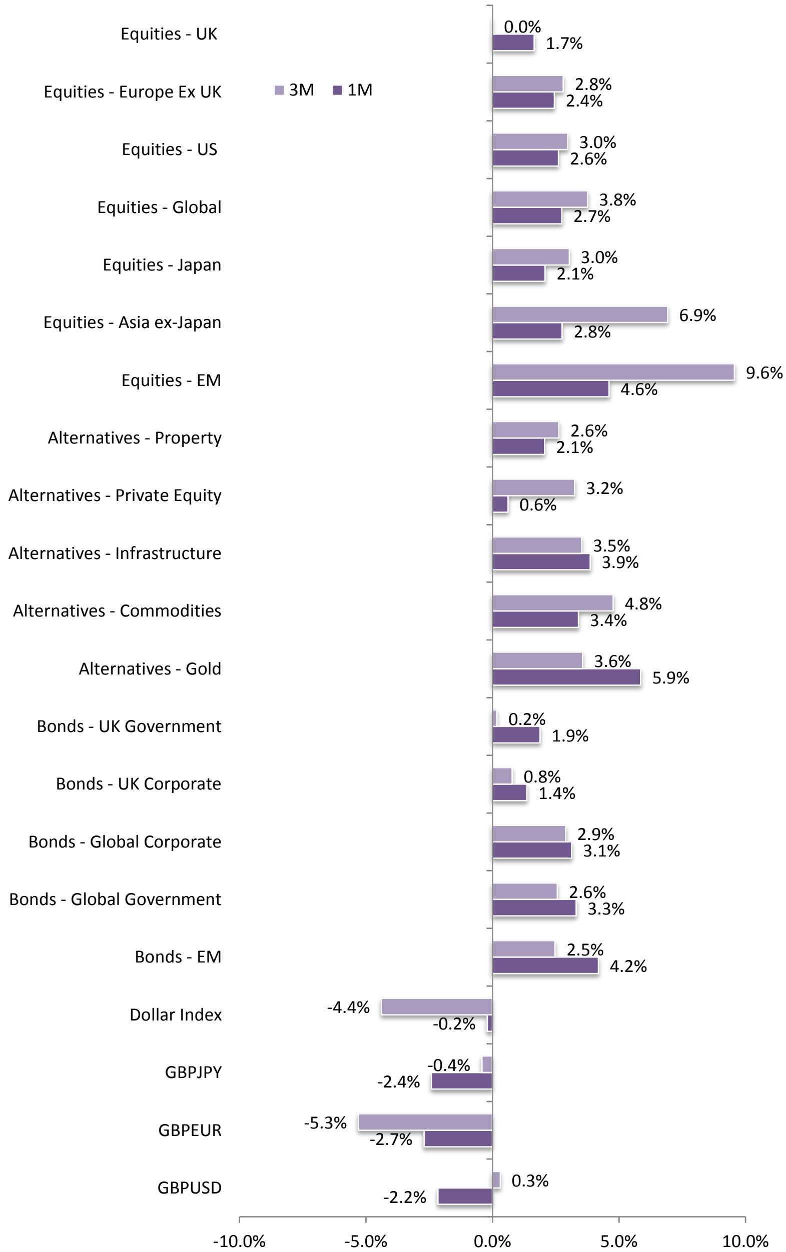
Monthly portfolio update

August 2017

Market update

- North Korea continued with its aggressive militaristic policy by test firing an ICBM (Inter Continental Ballistic Missile) in late August that flew over Japan and more recently claiming to have successfully tested an H-bomb (Hydrogen Bomb).
- The imminent threat of an all-out war between North Korea and US has kept equity markets on edge. Gold being a safe haven has rallied 5.9% in August.
- The Eurozone area recovery continued to be strong. The Euro maintained its 2 year record high of 1.19 vs. the US Dollar. The recent Euro strength has led to ECB policymakers voicing concerns in adjusting its monetary policy.
- The US GDP growth was revised sharply higher as the economy grew 3%, much higher than expected. US Equities were up 2.6% in the last month.
- The unemployment rate in the UK reached a 42 year low at 4.4% while the UK economy continued to expand at a slow and steady pace of 1.7%. UK Equities were up 1.7% in August.
- China is looking to restrict domestic companies from investing abroad in sectors such as real estate. This has led to the Chinese Yuan appreciating against the US Dollar and a rally in the local Chinese stock markets. Emerging Market equities were up 4.6%, being the best performer for the month.



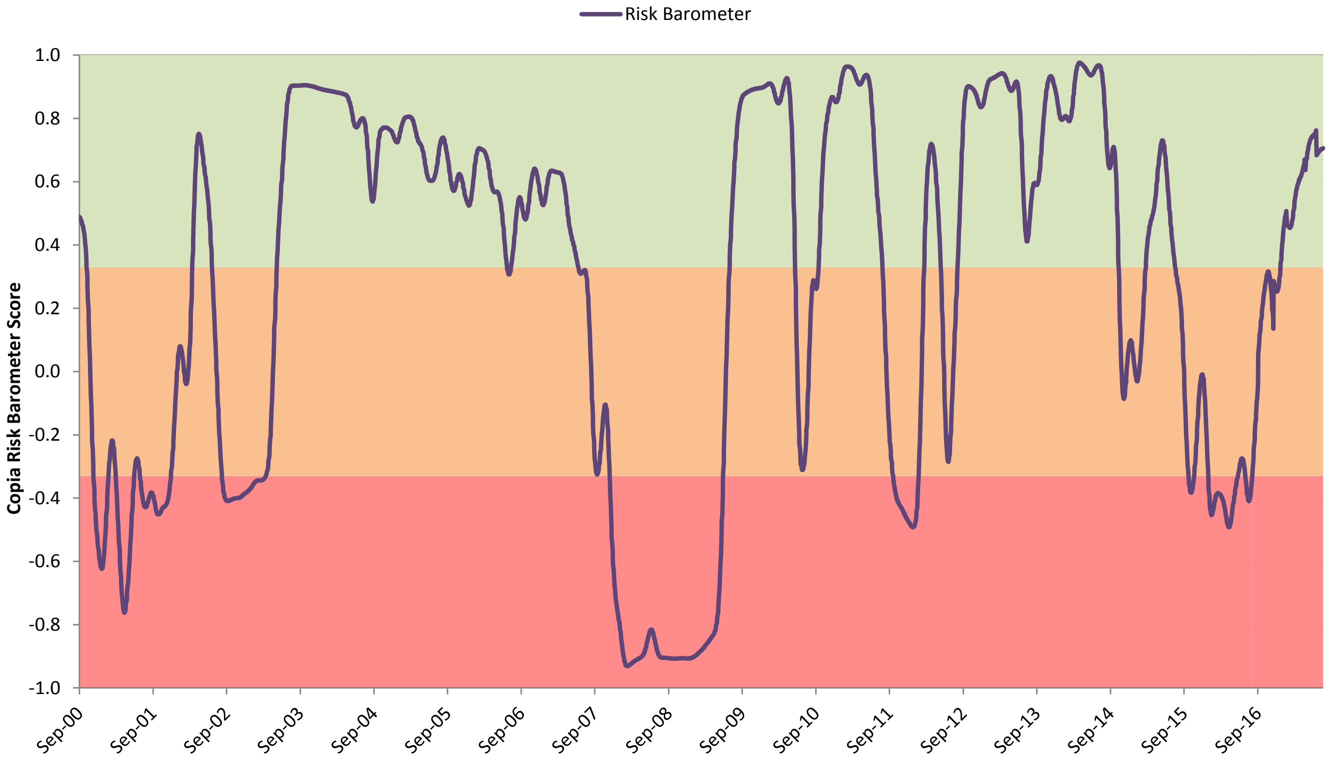
Source: Bloomberg, Copia Capital Management

Copia Risk Barometer

Based on our proprietary Prediction Algorithm the Copia Risk Barometer is now reading +0.71 as of 21 August 2017, compared to +0.76 as of 17 July 2017. This implies the global economic outlook continues to be positive.

+0.76	→	+0.71
As of 17-Jul-2017		As of 21-Aug-2017

Fig. 1 Copia Risk Barometer Score



How to read the Copia Risk Barometer:

The Risk Barometer is a measure of economic outlook across asset classes.

-1.0 A score of -1.0 indicates an extremely poor economic outlook, which is accompanied by a high probability of negative returns in risky asset classes like equities. These periods are typically recessionary periods in the business cycle.
The Risk Barometer tilts our portfolios away from equities during such periods.

0.0 A score of 0 indicates a neutral economic outlook with almost equal probability of positive and negative returns in risky asset classes like equities. The Risk Barometer maintains a balance between equities and other asset classes during such periods.

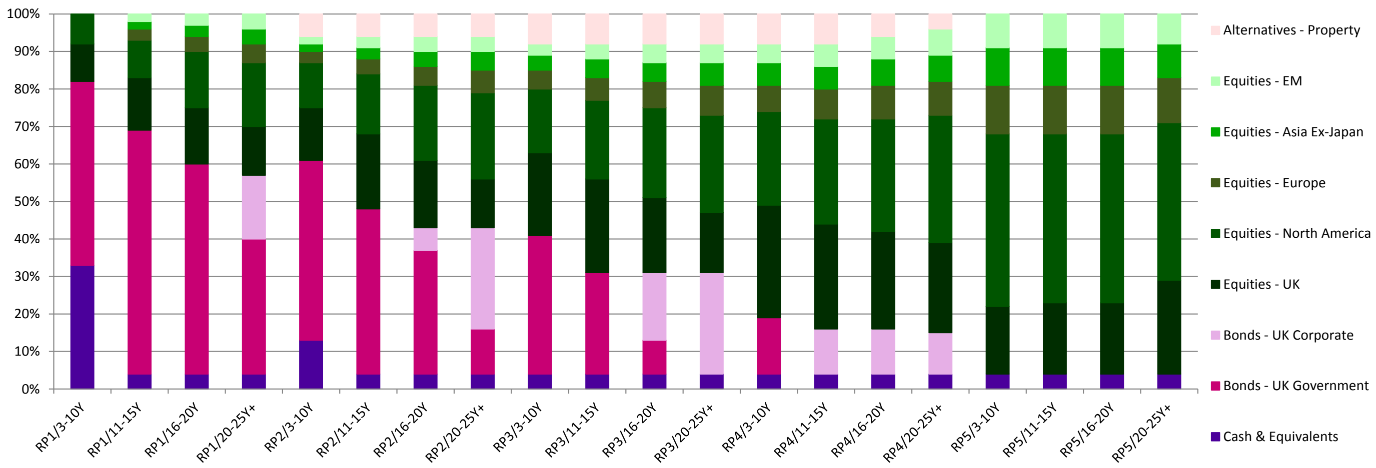
+1.0 A score of +1.0 indicates an extremely positive economic outlook, which is accompanied by a high probability of positive returns in risky asset classes like equities. These periods are typically expansionary periods in the business cycle. The Risk Barometer tilts our portfolios towards equities during such periods.

Portfolio realignments in August 2017

Copia Retirement Income range:

The Copia Retirement Income range was rebalanced to its Strategic Asset Allocation weights on 21 August 2017 as per its 3 month realignment schedule. A Risk Barometer reading of +0.71 indicates less market uncertainty and a positive global economic outlook. Copia Retirement Income portfolios have therefore maintained their strategic asset allocations, unchanged from the previous realignment.

Fig. 2 Copia Retirement Income range – Strategic Asset Allocation



No change to allocations for the Copia Volatility Focus range, Copia Select range, the Copia Dorsey Wright Smart Beta and the Copia First Trust Smart Beta portfolio in August 2017.

Monthly portfolio update continued

Portfolio Performance: please note this is available as a separate document

Asset class overview: performance table

	%mm Performance												Return Characteristics							Risk Characteristics			
	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	3M	6M	12M	36M	2015	2016	YTD	Annualised Volatility 1Y	Annualised Volatility 3Y	Maximum Return Drawdown* 1Y	Maximum Return Drawdown* 3Y
Equities - UK	1.8%	1.0%	-2.0%	5.4%	-0.6%	3.1%	1.1%	-1.3%	4.9%	-2.5%	0.9%	1.7%	0.0%	4.7%	14.0%	22.3%	-1.4%	19.2%	7.3%	8.7%	10.1%	5.5%	20.0%
Equities - Europe Ex UK	1.9%	3.6%	-5.3%	7.1%	0.4%	2.2%	4.3%	1.1%	5.4%	-1.5%	1.9%	2.4%	2.8%	14.2%	25.4%	47.0%	5.9%	19.6%	17.1%	11.2%	11.4%	8.4%	18.6%
Equities - US	1.3%	4.1%	1.5%	3.2%	0.1%	5.3%	-0.9%	-2.2%	1.9%	-0.3%	0.6%	2.6%	3.0%	1.7%	18.5%	69.0%	7.2%	33.6%	7.2%	7.4%	10.0%	6.6%	16.4%
Equities - Global	2.0%	4.3%	-1.4%	3.5%	0.9%	4.1%	0.3%	-1.6%	2.8%	-0.4%	1.4%	2.7%	3.8%	5.2%	20.0%	54.0%	3.8%	29.5%	10.6%	7.0%	9.9%	5.1%	17.5%
Equities - Japan	2.7%	7.7%	-4.8%	2.4%	1.5%	2.7%	-1.0%	-2.2%	3.3%	0.2%	0.7%	2.1%	3.0%	3.1%	16.0%	58.4%	14.7%	23.7%	7.4%	10.8%	11.7%	9.1%	19.7%
Equities - Asia ex-Japan	4.1%	3.8%	-2.1%	0.7%	3.8%	4.5%	1.7%	-2.7%	-0.3%	1.2%	2.9%	2.8%	6.9%	5.4%	22.0%	38.7%	-2.1%	30.1%	14.4%	8.3%	14.9%	6.2%	25.4%
Equities - EM	2.7%	6.3%	-6.7%	1.6%	3.6%	4.3%	1.5%	-1.0%	3.5%	0.2%	4.6%	4.6%	9.6%	13.9%	27.4%	39.5%	-9.7%	33.1%	23.1%	11.9%	16.1%	10.8%	30.1%
Alternatives - Property	0.0%	-0.5%	-4.9%	5.5%	-1.9%	4.4%	-2.6%	-2.6%	0.5%	0.2%	0.4%	2.1%	2.6%	-2.1%	0.2%	48.8%	6.4%	27.1%	0.3%	10.2%	15.9%	9.1%	17.6%
Alternatives - Private Equity	2.1%	4.6%	1.2%	3.4%	2.0%	3.9%	0.5%	1.3%	1.9%	1.1%	1.5%	0.6%	3.2%	7.1%	26.7%	67.0%	3.7%	37.3%	13.4%	4.5%	10.9%	5.2%	21.4%
Alternatives - Infrastructure	2.1%	3.5%	-4.9%	2.8%	-0.2%	3.1%	-0.2%	-1.6%	3.1%	-0.6%	0.3%	3.9%	3.5%	4.8%	11.4%	42.3%	-2.3%	29.1%	7.8%	9.0%	10.0%	6.8%	11.9%
Alternatives - Commodities	5.1%	6.0%	-0.1%	2.7%	-0.2%	1.8%	-3.9%	-4.7%	-0.9%	-0.7%	2.1%	3.4%	4.8%	-4.9%	10.4%	-6.0%	-19.4%	38.5%	-3.3%	11.3%	14.2%	12.8%	33.6%
Alternatives - Gold	2.3%	2.0%	-9.4%	-0.6%	2.9%	4.8%	-1.8%	-1.5%	0.4%	-2.8%	0.6%	5.9%	3.6%	0.6%	2.1%	31.2%	-7.8%	31.1%	8.5%	13.9%	19.4%	14.6%	19.4%
Bonds - UK Government	-2.3%	-3.9%	-1.3%	1.8%	-1.7%	3.1%	0.3%	0.2%	0.5%	-2.0%	0.3%	1.9%	0.2%	1.2%	-3.3%	19.9%	0.6%	10.1%	2.5%	7.0%	7.6%	8.4%	8.7%
Bonds - UK Corporate	-1.9%	-4.0%	-1.5%	2.5%	-1.3%	2.8%	0.1%	0.6%	1.4%	-1.4%	0.8%	1.4%	0.8%	3.0%	-0.6%	23.4%	0.1%	13.3%	4.6%	7.0%	8.0%	7.8%	8.4%
Bonds - Global Corporate	1.3%	4.1%	-4.9%	1.7%	-0.9%	2.0%	-1.0%	-1.8%	2.1%	-0.5%	0.3%	3.1%	2.9%	2.2%	5.3%	36.3%	2.0%	24.4%	3.2%	8.6%	9.7%	7.6%	8.7%
Bonds - Global Government	1.9%	3.1%	-6.0%	0.8%	-0.7%	1.7%	-0.8%	-2.1%	2.0%	-1.0%	0.3%	3.3%	2.6%	1.6%	2.1%	31.2%	2.4%	21.8%	2.7%	9.0%	10.6%	9.4%	9.4%
Bonds - EM	1.7%	4.6%	-6.4%	2.6%	-0.3%	3.3%	-0.7%	-1.6%	1.3%	-1.1%	-0.5%	4.2%	2.5%	1.6%	6.9%	52.1%	6.6%	31.5%	4.6%	10.5%	11.2%	9.5%	11.2%
GBPUSD	-1.3%	-5.6%	2.2%	-1.3%	1.9%	-1.6%	1.4%	3.2%	-0.5%	1.0%	1.5%	-2.2%	0.3%	4.4%	-1.6%	-22.1%	-5.4%	-16.3%	4.8%	8.5%	8.9%	10.4%	27.5%
GBPEUR	-2.0%	-3.4%	5.9%	-0.7%	-0.7%	0.5%	0.6%	0.9%	-3.5%	-0.6%	-2.1%	-2.7%	-5.3%	-7.2%	-7.8%	-14.1%	5.4%	-13.6%	-7.5%	8.9%	9.4%	9.8%	25.2%
GBPJPY	-3.2%	-2.4%	11.6%	0.9%	-1.8%	-1.6%	0.1%	3.3%	-1.1%	2.5%	-0.5%	-2.4%	-0.4%	1.9%	4.6%	-17.7%	-5.0%	-18.4%	-1.6%	14.0%	15.0%	9.2%	35.8%
Dollar Index	-0.6%	3.1%	3.1%	0.7%	-2.6%	1.6%	-0.8%	-1.3%	-2.1%	-1.3%	-2.9%	-0.2%	-4.4%	-8.4%	-3.5%	12.0%	9.3%	3.6%	-9.3%	7.1%	7.7%	10.7%	10.7%

Source: Bloomberg, Copia Capital Management.

Notice

The performance of each asset class is represented by relevant indices and expressed in GBP terms, which are selected by Copia Capital Management. Reference to a particular asset class does not represent a recommendation to seek exposure to that asset class. *Maximum Return Drawdown is defined as the largest single drop from peak to trough of the value of an asset class or portfolio over any timeframe within the stated period. This information is included for comparison purposes for the period stated, but is not an indicator of potential maximum loss for other periods or in the future.

Monthly portfolio update continued

Volatility Focus portfolio range: performance table

	%mm Performance												Return Characteristics								Risk Characteristics			
	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	3M	6M	12M	36M	2015	2016	YTD	Since Inception (28 Oct 13)	Annualised Volatility 1Y	Annualised Volatility 3Y	Maximum Return Drawdown* 1Y	Maximum Return Drawdown* 3Y
1	-0.2%	-1.3%	-0.1%	0.3%	-0.3%	0.6%	0.0%	0.2%	0.2%	-0.5%	0.4%	0.3%	0.2%	0.6%	-0.3%	5.9%	-0.2%	3.6%	1.0%	7.3%	1.8%	2.1%	2.0%	2.3%
2	-0.4%	-1.5%	-0.2%	0.3%	-0.3%	0.7%	0.0%	0.2%	0.3%	-0.4%	0.4%	0.3%	0.3%	0.7%	-0.8%	5.8%	-1.1%	4.4%	1.0%	6.7%	2.0%	2.6%	2.6%	3.3%
3	-0.5%	-1.7%	-1.7%	1.7%	-0.3%	0.6%	0.7%	0.2%	0.8%	-0.6%	0.8%	0.5%	0.8%	2.5%	0.6%	9.3%	1.5%	2.3%	2.8%	13.2%	3.5%	5.0%	4.3%	7.6%
4	-0.2%	-1.0%	-2.5%	2.6%	-0.5%	1.2%	0.7%	0.0%	1.0%	-0.6%	0.8%	0.8%	0.9%	2.7%	2.2%	12.5%	2.3%	3.7%	3.4%	17.5%	4.5%	6.3%	4.6%	10.9%
5	0.1%	-0.2%	-3.6%	2.8%	-0.5%	1.7%	0.8%	-0.4%	1.8%	-0.7%	1.0%	1.2%	1.5%	3.8%	3.9%	13.3%	3.5%	2.4%	4.9%	18.4%	5.7%	7.6%	5.2%	13.1%
6	0.1%	-0.2%	-3.1%	3.1%	-0.5%	2.0%	0.9%	-0.4%	1.9%	-0.6%	1.1%	1.2%	1.6%	4.0%	5.3%	14.3%	4.0%	2.3%	5.5%	19.0%	5.6%	8.3%	4.7%	15.1%
7	0.1%	-0.1%	-2.6%	3.6%	-0.7%	2.2%	0.8%	-0.6%	2.0%	-0.7%	1.2%	1.3%	1.9%	4.1%	6.6%	15.7%	3.6%	3.8%	5.6%	20.9%	5.8%	8.7%	4.5%	17.7%
8	0.1%	-0.7%	-1.4%	3.9%	-0.8%	2.2%	0.9%	-0.8%	2.2%	-0.7%	1.3%	1.5%	2.1%	4.4%	7.8%	16.9%	4.0%	4.4%	5.8%	21.7%	5.7%	9.2%	3.6%	18.9%
9	0.3%	0.0%	-1.6%	4.4%	-1.0%	2.7%	0.9%	-1.0%	2.5%	-0.6%	1.6%	1.6%	2.5%	4.9%	9.8%	19.8%	4.2%	5.9%	6.6%	24.9%	6.3%	9.5%	4.0%	19.0%
10	0.4%	-0.1%	-1.9%	4.3%	-1.0%	2.8%	0.9%	-1.1%	2.6%	-0.6%	1.6%	1.6%	2.5%	4.9%	9.6%	19.3%	3.9%	5.6%	6.8%	24.3%	6.4%	9.8%	4.2%	19.5%

Source: Copia Capital Management

Monthly portfolio update continued

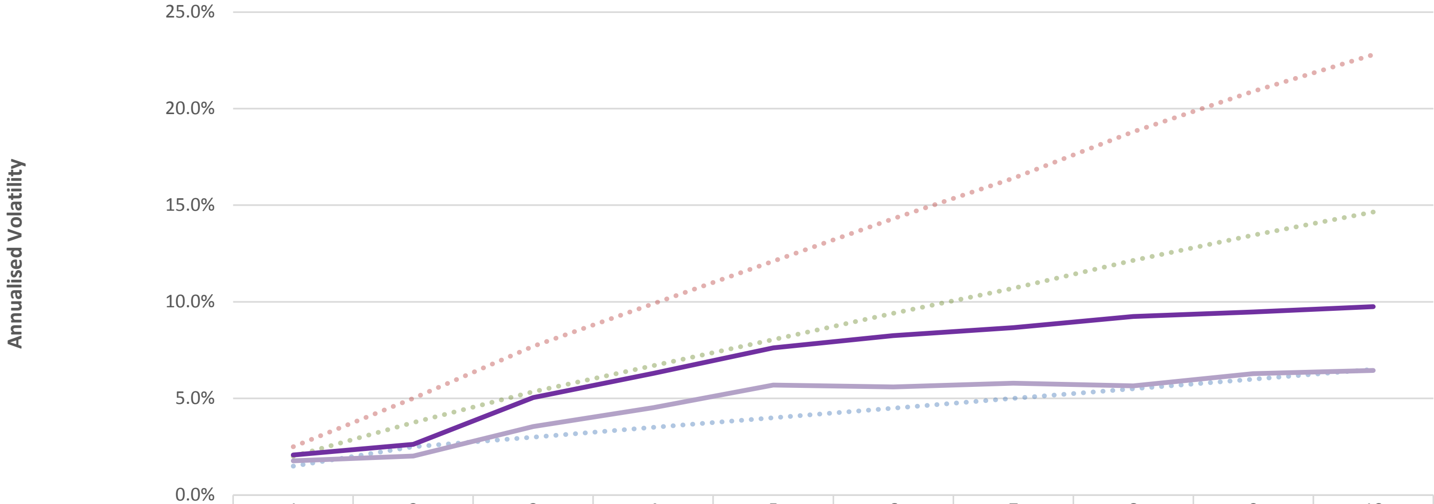
Smart Beta portfolio range: performance table

	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Return Characteristics								Risk Characteristics			
													3M	6M	12M	36M	2015	2016	YTD	Since Inception (14 Mar 16)	Annualised Volatility 1Y	Annualised Volatility 3Y	Maximum Return Drawdown* 1Y	Maximum Return Drawdown* 3Y
Copia First Trust	1.0%	3.6%	0.6%	2.3%	0.0%	3.3%	1.8%	-1.9%	3.1%	-0.3%	2.5%	3.2%	5.5%	8.7%	20.8%	#N/A	#N/A	#N/A	12.3%	35.4%	6.0%	#N/A	5.1%	#N/A
Copia Dorsey Wright	0.9%	7.0%	-4.4%	2.7%	2.5%	3.2%	1.7%	-2.2%	3.3%	0.3%	2.3%	3.0%	5.7%	8.5%	21.7%	#N/A	#N/A	#N/A	14.8%	37.5%	10.0%	#N/A	8.7%	#N/A

Source: Copia Capital Management

Notice: The performance shown represents the results of the model portfolio managed by Copia Capital Management. Copia model performance and comparisons are shown gross and take no account of the Novia platform charge or Copia Capital Management charge. Individual investor performance will differ due to factors specific to the investors account, trading drag and charges and the effect of Platform, Investment management, Adviser charges and investment wrapper type.

Monthly portfolio update continued



	1	2	3	4	5	6	7	8	9	10
Lower Limit	1.5%	2.5%	3.0%	3.5%	4.0%	4.5%	5.0%	5.5%	6.0%	6.5%
Higher Limit	2.5%	5.0%	7.7%	9.9%	12.1%	14.3%	16.4%	18.8%	20.9%	22.8%
Expected Level	2.0%	3.8%	5.4%	6.7%	8.1%	9.4%	10.7%	12.2%	13.5%	14.7%
Actual - 36 Month	2.1%	2.6%	5.0%	6.3%	7.6%	8.3%	8.7%	9.2%	9.5%	9.8%
Actual - 12 month	1.8%	2.0%	3.5%	4.5%	5.7%	5.6%	5.8%	5.7%	6.3%	6.4%

Copia Volatility Focus Portfolios

Disclaimer

Exchange Traded Funds used in Copia models typically have high share prices. Small investments are unlikely to be able to invest into the asset allocation intended by the quantitative model due to the typically high share prices of ETFs and therefore a small investment may not achieve the investment returns expected. The performance shown represents the results of the model portfolio managed by Copia Capital Management. Copia model performance and comparisons are shown gross and take no account of the Novia platform charge or Copia Capital Management charge. Individual investor performance will differ due to factors specific to the investors account, trading drag and charges and the effect of Platform, Investment management and Adviser charges. This illustrative document is intended for investors where advice has been given by Advisers. The value of investments may go down as well as up, investors may not get back the amount invested, figures quoted relate to the past and past performance is not a reliable indicator of future. Models are prepared in accordance with tolerance to risk and not client circumstances and information is from given sources to be reliable and accurate, which Copia cannot warrant for accuracy or completeness.

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