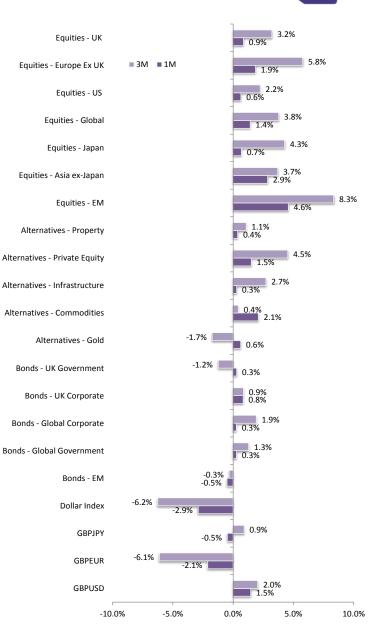


Monthly portfolio update

July 2017

Market update

- As expected, the US Federal Reserve kept rates unchanged at their latest July meeting and cited that they would look to start the unwind of their bond holdings relatively soon, as long as moderate economic growth continues. The US Equities were up 0.6%.
- Britain's annual inflation rate surprised markets in July, coming in at 2.6%, as opposed to the expected 3%. The lower inflation will eased pressure on the BoE to consider raising their key interest rate with a no change deicsion. UK Equities were up 0.9%.
- (•) The Chinese economy continued to advance in the second quarter, growing at an annualised 6.9% in line with market estimates. Emerging Market equities were up 4.6%, being the best performer for the month.
- The Euro continued to rally against the US Dollar, trading at \$1.18, a 2.5 year high, as ECB governor Mario Draghi cited reflationary forces have replaced deflationary forces in the Eurozone and that macro-economic outlook continues to improve. European Equities ex-UK were up 1.9%.
- Fixed Income markets along with Gold remained flat in July as inflation and interest rate expectations remained fairly unchanged for the month.



Source: Bloomberg, Copia Capital Management

Copia Risk Barometer

Based on our proprietary Prediction Algorithm the Copia Risk Barometer is now reading +0.76 as of 17 July 2017, compared to +0.75 on 03 July 2017. This implies the global economic outlook continues to be positive.



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.

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 July 2017

Select Range:

The Copia Select range was rebalanced on 17 July 2017 as per its 3 month realignment schedule. A Risk Barometer reading of +0.76 indicates less market uncertainty and a positive global economic outlook. Copia Select portfolios have therefore maintained their strategic asset allocations, unchanged from previous realignment.

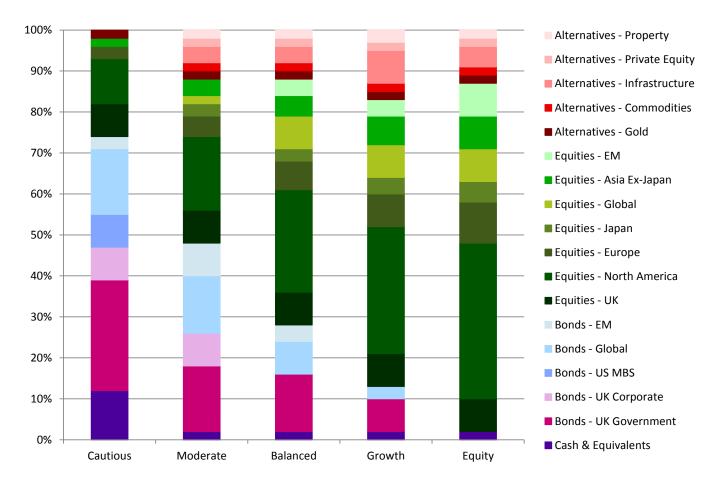
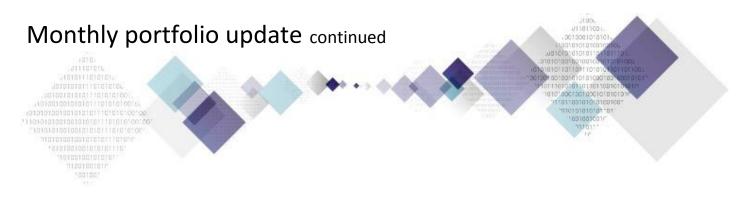


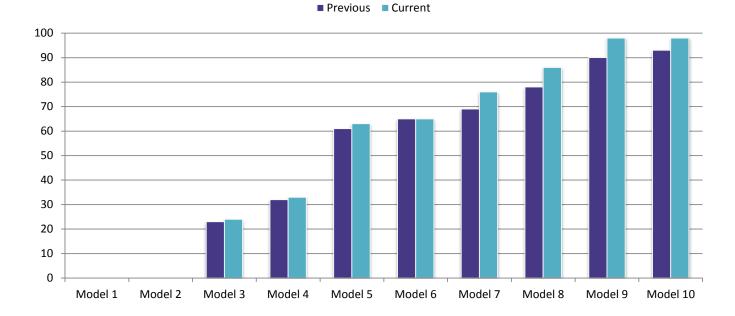
Fig.5 Copia Select Strategic Asset Allocation:



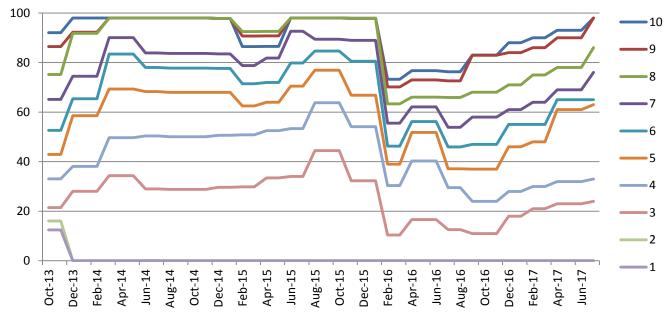
Volatility Focus Range:

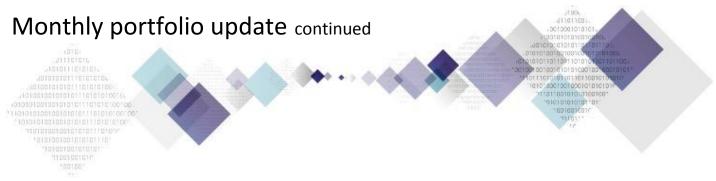
Copia Volatility Focus range was realigned on 03 July 2017 as per its 2 month realignment schedule. All portfolios in this range achieved the target objective, remaining within their stipulated volatility bands. Models in the Volatility Focus range were tilted further towards higher risk-return assets (equities) compared to the previous realignment, driven by the increase in the Copia Risk Barometer score from +0.61 (as of 24-Apr-2017) in previous realignment to +0.75 (as of 03-Jul-2017).

Fig. 2 Equity allocation (as %), current vs. previous









Tactical asset allocation changes in this realignment for Volatility Focus Range

Asset class changes:

- Reduction in Global Equity exposures in risk levels 3 to 10 and increased exposure into UK equities.
- (•) Increase in North American equity holdings in models 5 to 10 with reduction of fixed income, driven by the move in the risk barometer from +0.61 to +0.75.
- For European Equity allocations, slight increase in models 4, 5, 6 and 8, while slight reduction in models 9 and 10.

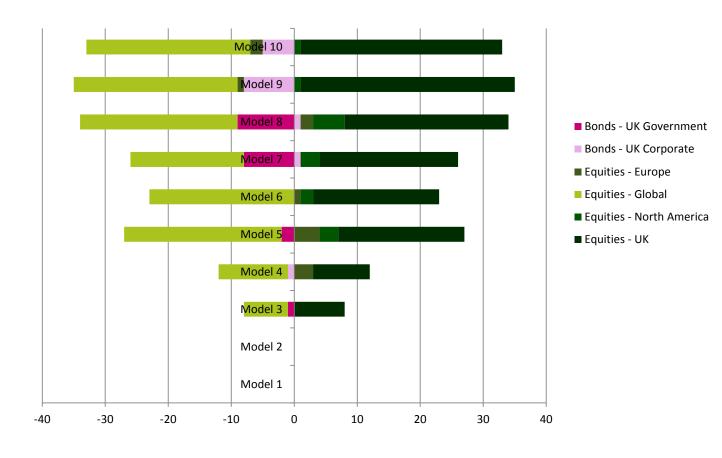


Fig.4 Tactical asset allocation changes (in ppt):

ETF changes:

- Selling out of Global Dividend ETF (ETF Ticker: GBDV) and MSCI World ETF (ETF Ticker: SWDA).
- Initiating exposure to UK Equities, FTSE-100 (ETF Ticker: ISF) and FTSE-250 (ETF Ticker: VMID) across models 3-10.
- Moving out of Euro STOXX 50 ETF (ETF Ticker: EUN) and moving into European Minimum Volatility ETF (ETF Ticker: IMV) across risk levels 3-10.

All other holdings are optimised to incorporate the tactical changes highlighted above.

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Volatility Focus range: Previous positions (24-Apr-2017) vs. actual outcomes to 03-Jul-2017

Asset Class	Relative Algorithm Indication	Previous positions	Actual outcomes
Bonds - UK Government	Neutral	 Short duration gilts 	 Low duration gilt ETF (Ticker IGLS), -0.53% Low duration gilt ETF (Ticker GLTS), -0.68%
Bonds - UK Corporate	Outperform	 Short duration corporate bonds 	 Low duration corporate bond ETF (Ticker IS15), +0.01% Long duration corporate bond ETF (Ticker SLXX), +0.04%
Bonds - EM	Neutral	• No exposure	• EM bonds (Ticker SEMB), -0.73%
Equities - UK	Underperform	• No exposure	 FTSE-100 (Ticker ISF), 2.37% FTSE-250 (Ticker VMID), -1.22%.
Equities - US	Outperform	 US high dividend equities S&P 500 - GBP hedged 	 US Dividend ETF (Ticker HDIQ), +1.23% S&P 500-GBP hedged (Ticker IGUS), +2.88%
Equities - Europe	Outperform	 EURO STOXX 50 German DAX index stocks 	 EURO STOXX 50 ETF (Ticker EUN), +3.73% German DAX ETF (Ticker XDDX), +3.28%
Equities - Japan	Neutral	• No exposure	• MSCI Japan ETF (Ticker IJPN), +3.29%
Equities - EM	Neutral	• No exposure	• MSCI EM ETF (Ticker EMIM), +3.29%
Alternatives - Gold	Neutral	• No exposure	• Gold (Ticker GBSP), -4.73%

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Volatility Focus range: Current positioning (03-Jul-2017)

Asset Class	Relative	Current positions	Rat	ationale					
	Algorithm Indication		Quantitative Signals	Qualitative Oversight					
Bonds - UK Government	Neutral	• Exposure to low duration gilts	 No momentum in interest rates 	• The BOE has indicated a potential rate hike to counter inflation as UK CPI remains just under the 3% mark.					
Bonds - UK Corporate	Outperform	 Exposure to short duration UK corporate bonds 	Credit spreadPositive momentum	 Improving economy is expected to tighten credit spreads. 					
Bonds - EM	Neutral	• No exposure	Negative momentumExchange rate	• EM credit continues to remain stable.					
Equities - UK	Outperform	 Initiating exposure to FTSE-100 Initiating exposure to FTSE-250 	 Strong positive momentum on FTSE-250 Positive Fund Flows 	 Political rhetoric has changed from Hard Brexit towards a more accommodative policy. 					
Equities - US	Neutral	 S&P 500-GBP hedged US High dividend 	 Attractive relative valuation and better risk adjusted return 	 Good US Equity earnings expectations are driving the US equity markets higher. 					
Equities - Europe	Outperform	 German DAX Index EU minimum volatility factor 	 Strong EUR/USD exchange rate momentum Modest valuations 	• Eurozone macro-economic data continues to improve with growing GDP and healthy inflation.					
Equities - Japan	Underperform	• No exposure	 Strengthening JPY/USD exchange rate Loss of momentum 	 Inflation and GDP growth expectations remain subdued. 					
Equities - EM	Neutral	• No exposure	 Flat on momentum but valuations remain attractive 	 Outlook for EM markets remains positive on global growth uptick but uncertainty remains regarding North Korean militaristic stance. 					
Alternatives - Gold	Underperform	• No exposure	 Negative momentum 	 With rising global growth expectations, outlook for safe haven securities continues to remain subdued. 					

No change to allocations for the Copia Retirement Income range, the Copia Dorsey Wright Smart Beta and the Copia First Trust Smart Beta portfolio in July 2017.

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

Asset class overview: performance table

	%mm Performance														Retu	urn Charact	Risk Characteristics						
																Annualised Volatility	Annualised	Maximum Return Drawdown*	Maximum Return Drawdown*				
	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	3M	6M	12M	36M	2015	2016	YTD	1Y	Volatility 3Y	1Y	ЗҮ
Equities - UK	1.7%	1.8%	1.0%	-2.0%	5.4%	-0.6%	3.1%	1.1%	-1.3%	4.9%	-2.5%	0.9%	3.2%	6.2%	14.0%	22.8%	-1.4%	19.2%	5.6%	8.7%	10.1%	5.5%	20.0%
Equities - Europe Ex UK	1.4%	1.9%	3.6%	-5.3%	7.1%	0.4%	2.2%	4.3%	1.1%	5.4%	-1.5%	1.9%	5.8%	13.9%	24.2%	46.4%	5.9%	19.6%	14.3%	11.2%	11.4%	8.4%	18.6%
Equities - US	0.8%	1.3%	4.1%	1.5%	3.2%	0.1%	5.3%	-0.9%	-2.2%	1.9%	-0.3%	0.6%	2.2%	4.4%	16.4%	74.4%	7.2%	33.6%	4.4%	7.3%	10.3%	6.6%	16.4%
Equities - Global	1.1%	2.0%	4.3%	-1.4%	3.5%	0.9%	4.1%	0.3%	-1.6%	2.8%	-0.4%	1.4%	3.8%	6.6%	18.1%	56.1%	3.8%	29.5%	7.6%	6.9%	10.0%	5.1%	17.5%
Equities - Japan	1.1%	2.7%	7.7%	-4.8%	2.4%	1.5%	2.7%	-1.0%	-2.2%	3.3%	0.2%	0.7%	4.3%	3.7%	14.8%	54.3%	14.7%	23.7%	5.2%	10.8%	11.7%	9.1%	19.7%
Equities - Asia ex-Japan	-0.6%	4.1%	3.8%	-2.1%	0.7%	3.8%	4.5%	1.7%	-2.7%	-0.3%	1.2%	2.9%	3.7%	7.3%	18.0%	38.1%	-2.1%	30.1%	11.3%	8.6%	14.9%	6.7%	25.4%
Equities - EM	3.2%	2.7%	6.3%	-6.7%	1.6%	3.6%	4.3%	1.5%	-1.0%	3.5%	0.2%	4.6%	8.3%	13.6%	25.6%	38.9%	-9.7%	33.1%	17.7%	11.7%	16.0%	10.8%	30.1%
Alternatives - Property	-2.4%	0.0%	-0.5%	-4.9%	5.5%	-1.9%	4.4%	-2.6%	-2.6%	0.5%	0.2%	0.4%	1.1%	0.2%	-4.2%	52.2%	6.4%	27.1%	-1.8%	10.3%	16.0%	10.7%	17.6%
Alternatives - Private Equity	2.6%	2.1%	4.6%	1.2%	3.4%	2.0%	3.9%	0.5%	1.3%	1.9%	1.1%	1.5%	4.5%	10.6%	29.1%	73.1%	3.7%	37.3%	12.7%	4.2%	11.0%	5.2%	21.4%
Alternatives - Infrastructure	-0.1%	2.1%	3.5%	-4.9%	2.8%	-0.2%	3.1%	-0.2%	-1.6%	3.1%	-0.6%	0.3%	2.7%	4.0%	7.1%	42.1%	-2.3%	29.1%	3.8%	8.5%	10.0%	6.8%	11.9%
Alternatives - Commodities	-0.3%	5.1%	6.0%	-0.1%	2.7%	-0.2%	1.8%	-3.9%	-4.7%	-0.9%	-0.7%	2.1%	0.4%	-6.3%	6.5%	-8.4%	-19.4%	38.5%	-6.5%	11.0%	14.0%	12.8%	33.6%
Alternatives - Gold	-1.8%	2.3%	2.0%	-9.4%	-0.6%	2.9%	4.8%	-1.8%	-1.5%	0.4%	-2.8%	0.6%	-1.7%	-0.4%	-5.3%	26.3%	-7.8%	31.1%	2.5%	12.6%	19.2%	14.6%	19.4%
Bonds - UK Government	2.7%	-2.3%	-3.9%	-1.3%	1.8%	-1.7%	3.1%	0.3%	0.2%	0.5%	-2.0%	0.3%	-1.2%	2.4%	-2.5%	21.6%	0.6%	10.1%	0.6%	7.3%	7.8%	8.7%	8.7%
Bonds - UK Corporate	3.4%	-1.9%	-4.0%	-1.5%	2.5%	-1.3%	2.8%	0.1%	0.6%	1.4%	-1.4%	0.8%	0.9%	4.5%	1.4%	25.8%	0.1%	13.3%	3.1%	7.7%	8.2%	8.4%	8.4%
Bonds - Global Corporate	0.8%	1.3%	4.1%	-4.9%	1.7%	-0.9%	2.0%	-1.0%	-1.8%	2.1%	-0.5%	0.3%	1.9%	1.0%	2.9%	35.7%	2.0%	24.4%	0.1%	8.1%	9.6%	7.6%	8.7%
Bonds - Global Government	0.2%	1.9%	3.1%	-6.0%	0.8%	-0.7%	1.7%	-0.8%	-2.1%	2.0%	-1.0%	0.3%	1.3%	0.0%	-1.0%	30.0%	2.4%	21.8%	-0.6%	8.4%	10.6%	9.4%	9.4%
Bonds - EM	2.6%	1.7%	4.6%	-6.4%	2.6%	-0.3%	3.3%	-0.7%	-1.6%	1.3%	-1.1%	-0.5%	-0.3%	0.7%	5.3%	49.9%	6.6%	31.5%	0.4%	10.0%	11.1%	9.5%	11.2%
GBPUSD	-0.7%	-1.3%	-5.6%	2.2%	-1.3%	1.9%	-1.6%	1.4%	3.2%	-0.5%	1.0%	1.5%	2.0%	5.1%	-0.1%	-21.7%	-5.4%	-16.3%	7.1%	8.2%	8.9%	10.4%	28.7%
GBPEUR	-0.6%	-2.0%	-3.4%	5.9%	-0.7%	-0.7%	0.5%	0.6%	0.9%	-3.5%	-0.6%	-2.1%	-6.1%	-4.2%	-5.8%	-11.5%	5.4%	-13.6%	-4.9%	8.6%	9.3%	8.2%	23.9%
GBPJPY	0.7%	-3.2%	-2.4%	11.6%	0.9%	-1.8%	-1.6%	0.1%	3.3%	-1.1%	2.5%	-0.5%	0.9%	2.7%	7.9%	-16.1%	-5.0%	-18.4%	0.8%	13.6%	15.0%	9.2%	35.8%
Dollar Index	0.5%	-0.6%	3.1%	3.1%	0.7%	-2.6%	1.6%	-0.8%	-1.3%	-2.1%	-1.3%	-2.9%	-6.2%	-6.7%	-2.8%	14.0%	9.3%	3.6%	-9.1%	7.1%	7.8%	10.1%	10.1%

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.

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Volatility Focus portfolio range: performance table

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		%mm Performance															Return Ch	Risk Characteristics							
	Aug	-16 9	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-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	0.5	%	-0.2%	-1.3%	-0.1%	0.3%	-0.3%	0.6%	0.0%	0.2%	0.2%	-0.5%	0.4%	0.2%	1.0%	-0.1%	6.6%	-0.2%	3.6%	0.7%	7.0%	1.8%	2.1%	2.1%	2.3%
2	0.8	%	-0.4%	-1.5%	-0.2%	0.3%	-0.3%	0.7%	0.0%	0.2%	0.3%	-0.4%	0.4%	0.2%	1.1%	-0.3%	6.8%	-1.1%	4.4%	0.8%	6.4%	2.2%	2.7%	2.8%	3.3%
3	0.9	%	-0.5%	-1.7%	-1.7%	1.7%	-0.3%	0.6%	0.7%	0.2%	0.8%	-0.6%	0.8%	1.1%	2.6%	0.9%	10.9%	1.5%	2.3%	2.3%	12.7%	3.6%	5.1%	5.0%	7.6%
4	0.6	%	-0.2%	-1.0%	-2.5%	2.6%	-0.5%	1.2%	0.7%	0.0%	1.0%	-0.6%	0.8%	1.2%	3.2%	2.1%	14.1%	2.3%	3.7%	2.7%	16.6%	4.5%	6.4%	5.6%	10.9%
5	0.3	%	0.1%	-0.2%	-3.6%	2.8%	-0.5%	1.7%	0.8%	-0.4%	1.8%	-0.7%	1.0%	2.1%	4.2%	3.0%	14.6%	3.5%	2.4%	3.7%	16.9%	5.6%	7.7%	6.0%	13.1%
6	0.1	%	0.1%	-0.2%	-3.1%	3.1%	-0.5%	2.0%	0.9%	-0.4%	1.9%	-0.6%	1.1%	2.3%	4.8%	4.1%	15.7%	4.0%	2.3%	4.3%	17.6%	5.5%	8.3%	5.7%	15.1%
7	0.1	%	0.1%	-0.1%	-2.6%	3.6%	-0.7%	2.2%	0.8%	-0.6%	2.0%	-0.7%	1.2%	2.5%	5.0%	5.3%	17.1%	3.6%	3.8%	4.2%	19.3%	5.7%	8.7%	5.4%	17.7%
8	-0.2	!%	0.1%	-0.7%	-1.4%	3.9%	-0.8%	2.2%	0.9%	-0.8%	2.2%	-0.7%	1.3%	2.9%	5.2%	6.0%	18.1%	4.0%	4.4%	4.3%	20.0%	5.6%	9.3%	4.9%	18.9%
9	-0.2	!%	0.3%	0.0%	-1.6%	4.4%	-1.0%	2.7%	0.9%	-1.0%	2.5%	-0.6%	1.6%	3.4%	6.0%	7.8%	20.9%	4.2%	5.9%	5.0%	23.0%	6.3%	9.5%	4.9%	19.0%
10	-0.4	1%	0.4%	-0.1%	-1.9%	4.3%	-1.0%	2.8%	0.9%	-1.1%	2.6%	-0.6%	1.6%	3.5%	6.2%	7.4%	20.4%	3.9%	5.6%	5.1%	22.4%	6.5%	9.8%	5.3%	19.5%

Source: Copia Capital Management

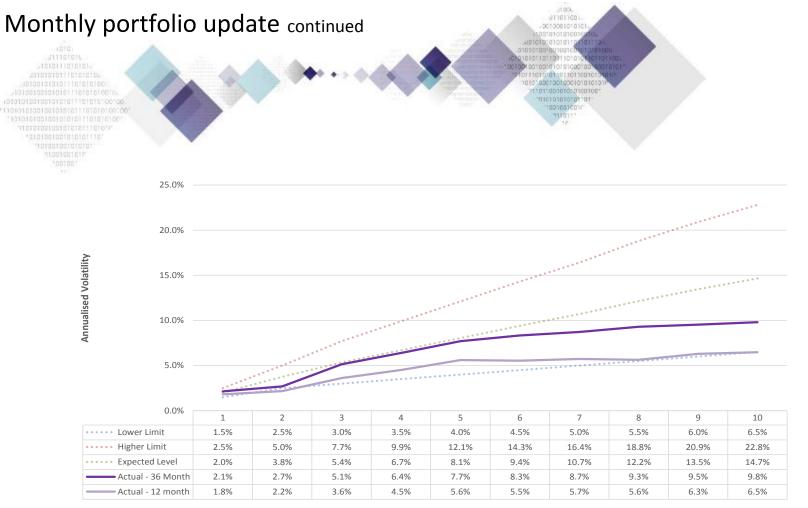
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Smart Beta portfolio range: performance table

														Return Characteristics											
																					Since Inception (14 Mar		Maximum Return d Annualised Drawdown		Maximum Return Drawdown*
		Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	3M	6M	12M	36M	2015	2016	YTD		Volatility 1Y			ЗY
	Copia First Trust	1.4%	1.0%	3.6%	0.6%	2.3%	0.0%	3.3%	1.8%	-1.9%	3.1%	-0.3%	2.5%	5.4%	8.8%	18.8%	#N/A	#N/A	#N/A	8.8%	31.2%	5.7%	#N/A	5.1%	#N/A
	Copia Dorsey Wright	1.2%	0.9%	7.0%	-4.4%	2.7%	2.5%	3.2%	1.7%	-2.2%	3.3%	0.3%	2.3%	5.9%	8.8%	19.6%	#N/A	#N/A	#N/A	11.5%	33.5%	9.9%	#N/A	8.7%	#N/A
S	ource: Copia Capital Manageme	nt																							

ce: Copia Capital Manage

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.



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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