

# **OCTOBER 2018 NEWSLETTER**

# I. <u>COMPANY INFORMATION</u>

General information	
Investment manager	Boussard & Gavaudan Investment Management LLP
Company domicile	Guernsey
Website	www.bgholdingltd.com
Management fee	1.5% p.a.
Performance fee	20% with HWM

	SEDOL	ISIN	Reuters	Bloomberg
EUR Euronext	B1FQG45	GG00B1FQG453	BGHL.AS	BGHL NA
EUR LSE	B28ZZQ1	GG00B1FQG453	BGHL.L	BGHL LN
GBX LSE	B39VMM0	GG00B39VMM07	BGHS.L	BGHS LN
GBX Euronext	B39VMM1	GG00B39VMM07	BGHS.AS	BGHS NA

## II. OVERVIEW

Boussard & Gavaudan Holding Limited ("BGHL") is a Guernsey closed-ended investment company and is registered with the Dutch Authority for the Financial Markets as a collective investment scheme under article 1:107 of the Dutch Financial Markets Supervision Act. BGHL invests its assets in order to provide exposure to multiple alternative investment strategies managed by the Investment Manager. The investment objective is to seek to produce long-term appreciation of its assets. BGHL seeks to achieve this by investing in BG Fund ("the Fund"). In addition, a proportion of the net assets of BGHL may, at the discretion of the Investment Manager, be invested in other hedge funds and/or other financial assets selected by the Investment Manager. BGHL aims to generate a target annualized return in excess of 10% (net of all fees).



# III. SHARE INFORMATION as of 31 October 2018

Net Asset Value (NAV)	Euro share	Sterling share
Estimated NAV*	€ 22.5160	£20.0603
Estimated month to date return*	-2.35%	-2.22%
Estimated year to date return*	-3.97%	-3.13%
Estimated inception to date return*	125.16%	100.60%

Euro share	Amsterdam (AEX)	London (LSE)
Market close	€17.60	-
Premium / discount to estimated NAV	-21.83%	-

Sterling share	Amsterdam (AEX)	London (LSE)
Market close	-	£15.55
Premium / discount to estimated NAV	-	-22.48%

In the context of the current discount to NAV, the Company continues to purchase some of its own shares into treasury.

	Euro share	Sterling share
Shares issued	28,758,219	632,590
Shares held in treasury	-	-
Shares outstanding	28,758,219	632,590

	BGHL
Total value of the investments of BGHL based on the estimated NAV for the shares outstanding	€ 662 millions
Market capitalisation of BGHL based on the share price for the shares outstanding Amsterdam (AEX) market close for the Euro Share and London (LSE) market close for the Sterling share	€ 517 millions

<sup>\*</sup> Estimated figures

# IV. BGHL TRACK RECORD

BGHL	Track Re	ecord –	Historic	al NAV	Returns	s Summ	ary (Ne	t of Fee	s)					
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD	ITD
						В	GHL EUR N	VAV						
2006	-									-	2.27%	2.82%	E 1E0/	5.15%
2000	-	-	-	-	-	-	-	-	-	-	2.27/0	2.02/0	5.15%	5.15%
2007	3.13%	1.45%	4.68%	0.73%	1.38%	-2.27%	0.85%	-2.21%	-0.32%	1.82%	-2.16%	-1.38%	5.56%	11.00%
2008	-2.10%	-0.01%	-2.32%	0.78%	1.29%	-2.98%	-1.19%	0.32%	-10.49%	1.67%	1.55%	1.09%	-12.30%	-2.66%
2009	3.34%	-0.17%	1.20%	5.01%	4.17%	0.92%	1.91%	2.63%	2.92%	1.47%	0.30%	0.69%	27.15%	23.77%
				0/										
2010	1.35%	0.59%	1.62%	0.81%	-1.10%	1.00%	2.11%	-0.32%	0.79%	2.11%	0.04%	1.97%	11.49%	37.99%
2011	0.71%	0.57%	2.16%	0.01%	-0.05%	-0.85%	-0.80%	-0.20%	-2.17%	2.49%	-3.92%	-0.39%	-2.58%	34.42%
2012	3.90%	2.01%	-0.16%	0.54%	-0.61%	-0.32%	0.12%	1.29%	0.04%	0.83%	0.42%	1.08%	9.45%	47.12%
2013	0.89%	0.74%	-0.59%	0.24%	1.27%	0.83%	0.96%	0.47%	1.07%	1.57%	2.28%	3.14%	13.60%	67.14%
2014	2.81%	-0.01%	-0.74%	1.62%	1.53%	-0.58%	0.08%	0.52%	-1.08%	-0.93%	3.16%	0.37%	6.85%	78.59%
2015	2.96%	1.15%	-0.36%	1.12%	2.06%	-1.92%	3.56%	0.87%	-1.47%	0.80%	4.80%	1.25%	15.65%	106.55%
2016	0.48%	2.02%	1.18%	0.70%	1.68%	-0.59%	0.78%	0.47%	-0.01%	-1.08%	0.09%	1.32%	7.22%	121.45%
2017	0.59%	1.55%	0.08%	3.78%	1.16%	-0.07%	0.43%	-0.11%	-0.52%	-0.13%	-1.16%	0.22%	5.87%	134.46%
2010	0.70%	1.24%	-0.60%	0.50%	0.02%	0.05%	2.020/	0.18%	0.49%	2.250/*			2.070/*	425 450/#
2018		1.34%		-0.58%	0.03%	-0.25%	-2.92%			-2.35%*			-3.97%*	125.16%*
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD	ITD
						В	GHL GBP I	VAV						
2008	-	-	-	-	-	-	-1.45%	-0.08%	-9.09%	0.16%	4.51%	3.69%	-2.84%	-2.84%
2009	1.88%	0.16%	0.52%	3.86%	3.22%	0.52%	1.62%	2.72%	2.97%	1.09%	0.28%	0.40%	20.91%	17.48%
2010	1.22%	0.40%	1.58%	0.72%	-1.43%	0.76%	2.01%	-0.36%	0.65%	1.97%	-0.17%	1.89%	9.57%	28.72%
2011	0.68%	0.37%	1.99%	-0.10%	-0.11%	-1.31%	-0.93%	-0.27%	-2.71%	2.37%	-4.46%	-0.45%	-5.00%	22.28%
2012	3.87%	2.14%	-0.32%	0.58%	-0.66%	-0.33%	0.13%	1.01%	0.04%	0.81%	0.39%	1.05%	8.98%	33.26%
2013	0.93%	0.71%	-0.60%	0.22%	1.11%	0.85%	0.94%	0.46%	1.05%	1.45%	2.20%	3.06%	13.04%	50.64%
2014	2.73%	-0.05%	-0.81%	1.60%	1.43%	-0.65%	0.04%	0. 43%	-1.08%	-1.00%	2.46%	0.14%	5.29%	58.61%
2015	2.85%	1.10%	-0.41%	1.12%	1.91%	-1.97%	3.04%	0.91%	-1.41%	0.79%	4.31%	1.17%	14.08%	80.95%
2016	0.09%	2.09%	1.24%	0.75%	1.70%	-0.49%	0.84%	0.54%	0.04%	-1.02%	0.07%	1.38%	7.44%	94.40%
2017	0.63%	1.58%	0.13%	3.77%	1.29%	-0.06%	0.51%	-0.04%	-0.50%	-0.08%	-1.10%	0.30%	6.52%	107.08%
2017	0.03%	1.36%	0.13%	5.77%	1.23%	-0.00%	0.31%	-0.04%	-0.30%	-0.06%	-1.10%	0.30%	0.52%	107.08%
2018	0.76%	1.41%	-0.54%	-0.50%	0.09%	-0.19%	-2.78%	0.28%	0.58%	-2.22%*			-3.13%*	100.60%*

\* Estimated figures

### V. BGHL COMPOSITION

The proceeds have been invested in BG Fund (net of a certain amount retained by BGHL for working capital requirements and other requirements).

From 1 November 2018, BGHL is exposed to BG Fund up to approximately 109% of its net asset value. BGHL maximum possible exposure to BG Fund is 110% of its net asset value. In addition, BGHL has other investments.

## A. <u>BG FUND</u>

European markets were down in October, with the Eurostoxx 50<sup>°</sup>C down -5.9% for the month. VStoxx<sup>°</sup>C finished the month at 20.3%, up from 14.8%, and iTraxx Crossover (S30)<sup>°</sup>C ended October at 298bps (23bps tighter).

Against this backdrop, BG Fund USD A share class returned -170bps this month, primarily impacted by trading and equity strategies.

#### Volatility strategies

#### Mandatory convertible bond arbitrage

Mandatory convertible bonds contributed +15bps this month, primarily attributable to some trading and remarking of our main positions.

#### Convertible bond arbitrage

Convertible bond contribution (excl. mandatories) to the performance of the fund was +4bps in October. The market context remains unchanged, and secondary market activity remains very low. We continue to hold limited inventory and new opportunities have been limited.

Most European convertible bond valuations were stable this month thanks to a combination of factors: a low level of new issuance ( $\in 0.25$ bn), a high level of redemptions, conversions and tender offers ( $\in 3.9$ bn) and no significant outflows from long-only funds.

2-Oct-18	Rallye / Casino 1.0% 2020	Put	375
4-Oct-18	Intu Properties 2.5% 2018	Rbt	170
8-Oct-18	Hungary / Richter 3.375% 2019	Tender	904
9-Oct-18	Marine Harvest 0.125% 2020	Conversion	72
9-Oct-18	GBL 0.375% 2018	Conversion	428
10-Oct-18	JPM / Dufry 0% 2021	Tender	350
10-Oct-18	JPM / Dufry 0% 2021	lssue	205
15-Oct-18	BKW 0.125% 2020	Recall	165
17-Oct-18	Indra 1.75% 2018	Rbt	250
22-Oct-18	ACS / Iberdrola 2.625% 2018	Conversion	250
22-Oct-18	AroundTown 1.5% 2021	Recall	300
29-Oct-18	Safran 0% 2020	Tender	650

## Volatility Trading

Realised volatility vs implied forward volatility at the end of October:

	30d Implied vol level on 28/09/18	Realised vol over the month	Difference
US	12.12	22.00	9.88
EUROPE	14.76	16.78	2.02

Variation of implied volatilities during October:

	Nov. Vol Index Fut as of 28/09/18	Nov. Vol Index Fut as of 31/10/18	Vol move
US	14.98	20.28	5.30
Europe	15.70	19.35	3.65

Volatility trading contributed +21bps.

The positive performance in October was essentially due to our long equity volatility exposure which was expressed mostly via VIX<sup>®</sup> derivatives. We also benefited from opportunities to trade actively around our positions thanks in particular to the large intraday moves in the US. The dispersion on US equities has also been profitable given the volatile earning season. Despite the rise in short dated implied and realised volatilities the correction has so far been mostly technical rather than macro driven, and the realised volatilities on Eurostoxx 50<sup>®</sup> and currencies have consequently been rather disappointing.

We had marginal gains on our currency positions thanks to more positive noises surrounding Brexit.

We have now reduced our net long volatility exposure. We are positioned for a volatility reset post mid-term elections via VIX<sup>©</sup> options while maintaining our long volatility exposure on Eurostoxx 50<sup>©</sup> which had barely increased.

## **Equity strategies**

October was a difficult month for the equity portfolio, which returned -97bps. Losses came from a diverse range of positions (particularly in long/short and trading) and unfortunately our long gamma did not sufficiently offset the negative moves on some of our positions.

Conversely, special situations and risk arbitrage strategies continued to exhibit good performance.

The Q3 earnings season saw drastic market reactions on any earnings disappointment. For example on Atos we saw a sharp down move of 22% following an announcement of slower organic growth, which came at 0% for Q3 compared to the 1.9% the market expected. We had already significantly reduced our exposure into the earnings release through options, however this move still generated a loss for the portfolio.

The financials book had a difficult October driven again by geopolitical risks and macro uncertainty. This impacted our "long banks/short insurance" thematic bias as the European banks sector reached new relative lows. We also suffered on our position in Prudential: despite having a superior organic growth profile, Prudential trades only in line with the insurance sector, and is now at a multi-year low vs. its sum-of-the-parts due to its emerging markets bias. It remains one of our key convictions as we believe the upcoming de-merger of the UK business, and potential further break-up of the group, will crystallize this value from the sum-of-the-parts.

#### **Credit strategies**

#### Capital Structure Arbitrage

Capital structure arbitrage was marginally up this month (+1bp).

Global sentiment turned more negative in October, primarily due to macro concerns and renewed worries about growth sustainability, however there were few new idiosyncratic discrepancies between credit and equities. Overall credit was more resilient and the observed weakness in equities seemed to be more linked to position changes from a sector rotation rather than a shift in asset class allocation.

Nevertheless, higher intraday realised volatility enabled us to trade actively around our existing positions and to generate a slightly positive contribution to the fund.

## Credit long / short

Credit long / short contribution was marginally negative this month (-1bp).

After a positive performance in September, credit markets were weaker in October alongside other risky asset classes. It felt overall, however, that credit markets held up relatively well, with pricing moves driven by reaction to the equity markets moves and bearish global sentiment rather than by drivers endogenous to the credit markets.

We generally felt most market participants remained on the side-line in cash and single-name markets with positioning cautious overall and comfortable cash balances being maintained. In that context we saw cash credit markets underperform rates and credit indices overall.

We remain cautious and are monitoring the market for new idiosyncratic situations or relative dislocations that could appear as the current market environment evolves.

## Credit special situations

Credit special situations was marginally negative this month (-1bp) with limited specific news-flow or developments on portfolio positions.

## Trading

Trading contributed -112bps with all strategies underperforming this month (quantitative equity trading, systematic trend following and trading using artificial intelligence).

## B. DIRECT INVESTMENTS OTHER THAN BG FUND

On top of its investment in BG Fund, BGHL has other investments. As of 31 October 2018, the net asset value of these investments represents about 1% of the net asset value of BGHL.

## Rasaland Investors ("RLI")

RLI is a Malta-based holding company structured as a private equity fund in terms of fees and organisation and managed by BK Partners. RLI is dedicated to investing in land, hotels and high-end resort developments in Mexico.

RLI main asset is a majority interest in ACTUR its private subsidiary. ACTUR's other shareholders are Mexican public institutions. ACTUR owns land developing assets (Mandarina and Xala projects) and a minority interest in the publicly-traded company RLH Properties (ticker: RLHA:MM). RLH Properties owns majority interests in the Four Seasons hotel in Mexico City and in four hotels in Cancun (Fairmont hotel, Rosewood hotel, Banyan Tree and the Hyatt Andaz hotels and the Camaleon PGA Golf Course) and RLH Properties owns land lots in the Mandarina area on which the One & Only hotel and the Rosewood hotel are being developed.

Based on recent indications that BGHL would only be able to exit at a material discount to RLI's NAV, BGHL decided to mark down the position by -50% in May 2017. The position is valued at 50% of the NAV calculated by RLI's administrator.

In July 2017, BGHL purchased 9,075,135 shares of Rasaland. BGHL currently holds 19,075,103 shares which represents approximately 10.1% of the share capital of RLI.

## VI. BOUSSARD & GAVAUDAN INVESTMENT MANAGEMENT UPDATE

## A. TRANSACTION IN THE COMPANY'S SECURITIES

Please note that transactions in the Company's securities that have been performed by officers, directors and persons referred to in the section 5:60 of the Financial Supervision Act ("Wft") are reported:

- directly on the AFM website: <u>www.afm.nl</u> (professionals > registers > notifications > insider-transactions 5:60 wft);
- on the Company's website through a link to the AFM notification: <u>www.bgholdingltd.com</u> (Investment Manager > Regulatory information).

Transactions in the Company's own securities are also reported on:

the AFM website: <u>www.afm.nl</u> (professionals > registers > notifications > price-sensitive press releases);

• the Company's website: <u>www.bgholdingltd.com</u> (Investor Relations > Financial announcements).

### B. BGIM'S AUM

As of 1 November 2018, BG Fund assets under management are €2.94bn.

Sincerely,

E. Boussard and E. Gavaudan

#### Investment Manager

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# VII. ANNEXES ON BG FUND

Annex 1: Greeks	
Delta	2.1% 2.1 bps P&L variation for market +1%
Gamma	4.8% delta variation for market +1%
Vega	18 bps by vol point
Theta	-108 bps by 30 days
Optional theta	-111 bps by 30 days
Rho	1.0 bps for 1 bp of interest rates increasing
Credit sensitivity	-1 bps for 1% of credit spreads widening (in relative)

Annex 2: Performance Attribution *	
Volatility Strategies	40 bps
Mandatory convertible bond arbitrage	15 bps
Convertible bond arbitrage (incl. credit convertible bonds)	4 bps
Volatility trading	21 bps
Warrant arbitrage	0 bps
Equity Strategies	-97 bps
Risk arbitrage / Special situations	47 bps
Long / short trading with short-term catalyst & Value	-144 bps
Credit Strategies	-1 bps
Credit long / short	-1 bps
Capital structure arbitrage	1 bps
Credit special situations	-1 bps
Trading	-112 bps
Total	-170 bps

Annex 3: Equity at Risk	
Volatility Strategies	6.6%
Mandatory convertible bond arbitrage	4.6%
Convertible bond arbitrage (incl. credit convertible bonds)	0.6%
Volatility trading	1.4%
Equity Strategies	20.5%
Risk arbitrage / Special situations	8.3%
Long / short trading with short-term catalyst & Value	12.2%
Credit Strategies	2.5%
Credit long / short	2.1%
Capital structure arbitrage	0.0%
Credit special situations	0.4%
Trading	8.1%
Quantitative equity trading	4.8%
Systematic trend following	1.1%
Trading using A.I	0.4%
Other	1.8%
Cash Equivalents	2.5%
Total	40.3%

<sup>\*</sup> Estimated figures for USD A share class

Annex 4: Gross Exposure (in % of AUM) *		
Volatility Strategies		
	Long	45.0%
Mandatory convertible bond arbitrage	Short equity	43.1%
	Short credit	0.0%
	Long	3.6%
Convertible bond arbitrage (incl. credit convertible bonds)	Short equity	0.9%
	Short credit	0.0%
Volatility trading	Long	31.7%
Volatility trading	Short	24.5%
Equity Strategies		
Risk Arbitrage / Special Situations	Long	38.2%
	Short	22.1%
Long / Short trading with short-term catalyst / Value	Long	57.8%
Long / Short trading with short term eatalyst / value	Short	55.5%
Credit Strategies		
Credit long / short	Long	7.0%
	Short	4.7%
Capital structure arbitrage	Long	0.3%
	Short	0.0%
Credit special situations	Long	0.4%
	Short	0.0%
Trading		
Quantitative equity trading	Long	23.3%
	Short	23.0%
Systematic trend following	Long	8.8%
	Short	19.9%
Trading using A.I	Long	2.5%
	Short	1.9%
Other	Long	8.7%
	Short	13.5%
Gross Exposure		436.4%

	Long	Short
Mandatory convertible bond arbitrage and Convertible bond arbitrage	∑ market value long	Abs(∑[delta equity + options])+
		∑ notional long for CDS
Volatility Trading	∑ Abs (delta equity)	∑ Abs (delta equity)
Warrant Arbitrage	∑ delta long	∑ Abs(delta short)
Equity Strategies and Trading	∑ delta long	∑ Abs(delta short)
Credit Strategies	∑ market value long +	∑ Abs(market value short) +
	S Abs (notional short for CDS)	Σ notional long for CDS

 $<sup>\</sup>ast$  Some trades initially in Credit long / short are now reported in Credit special situations

USD	A S	hare	C	lass
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Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD	<b>ITD</b> (4)
							Sark Fund							
2003	-	-	0.67%	0.70%	0.77%	0.94%	0.84%	0.97%	1.15%	1.46%	1.01%	0.15%	9.00%	9.00%
2004	1.00%	-0.17%	0.96%	0.13%	0.07%	-0.35%	-0.47%	-0.47%	-0.24%	-0.59%	1.16%	1.06%	2.08%	11.27%
2005	1.66%	1.08%	1.09%	-0.64%	0.31%	1.30%	1.22%	0.62%	1.06%	-0.32%	0.81%	0.89%	9.45%	21.79%
2006	-0.01%	1.64%	1.78%	1.08%	-0.29%	1.49%	0.56%	1.74%	2.83%	3.06%	2.64%	3.01%	21.29%	47.72%
2007	3.19%	1.58%	4.82%	0.89%	1.45%	-2.15%	0.97%	-2.12%	-0.22%	1.92%	-2.13%	-1.17%	6.97%	58.02%
2008	-2.12%	-0.07%	-2.57%	1.02%	0.98%	-2.52%	-1.50%	0.21%	-10.63%	0.16%	-2.97%	0.22%	-18.56%	28.69%
2009	1.71%	-0.31%	0.84%	4.87%	4.29%	0.72%	2.01%	3.26%	3.48%	1.11%	0.21%	0.46%	24.96%	60.81%
												BG	Fund	
2010	1.24%	0.36%	1.58%	0.73%	-1.41%	0.77%	2.16%	-0.33%	0.67%	2.05%	-0.15%	1.88%	9.92%	76.77%
2011	0.65%	0.35%	1.93%	-0.15%	-0.12%	-1.35%	-1.00%	-0.30%	-2.72%	2.56%	-4.41%	-0.40%	-5.04%	67.86%
2012	4.03%	2.13%	-0.23%	0.49%	-0.66%	-0.26%	0.14%	1.08%	0.01%	0.87%	0.46%	0.20%	8.49%	82.12%
2013	0.84%	0.65%	-0.69%	0.28%	1.19%	0.73%	1.02%	0.48%	1.16%	1.23%	1.97%	2.17%	11.56%	103.17%
2010	010170	0.0070	0.0370	0.2070	111070	017070	1.02/0	011070	1110/0	112070	1.5770	2.2770	11.00/0	10011770
2014	2.41%	0.06%	-1.01%	0.60%	1.18%	-1.07%	0.20%	0.85%	-0.69%	-0.34%	1.76%	0.25%	4.23%	111.75%
2015	2.10%	0.87%	-0.20%	1.01%	1.76%	-1.72%	2.60%	0.81%	-0.97%	0.51%	2.47%	1.12%	10.77%	134.56%
2015	2.10/3	0.0773	0.2070	1.01/0	1.10/0	1.7270	2.0070	0.01/3	0.5770	0.5170	2.4770	1.12/3	10.7770	_34.3070
2016	0.05%	2.04%	1.35%	0.86%	1.64%	-0.55%	1.16%	0.52%	0.14%	-0.81%	0.03%	1.35%	8.03%	153.39%
2017	0.63%	1.59%	0.38%	3.93%	1.42%	0.09%	0.34%	0.05%	-0.36%	0.01%	-0.96%	0.41%	7.73%	172.97%
2018	0.82%	1.37%	-0.34%	-0.35%	0.24%	-0.03%	-2.20%	0.42%	0.56%	-1.70%*			-1.27%*	169.49%*

<sup>\*</sup> Estimated figures

<sup>&</sup>lt;sup>(4)</sup> Inception to date figures starting 2010 combine Sark Fund, Boussard & Gavaudan Fund and BG Fund performances.

#### **EUR A Share Class**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD	<b>ITD</b> (4)
							Sark Fund	1						
2003	-	-	0.75%	0.76%	0.82%	1.04%	0.93%	1.06%	1.18%	1.55%	1.05%	0.17%	9.69%	9.69%
2004	1.070/	0.120/	1.020/	0.22%	0.1.49/	0.20%	0.420/	0.420/	0.100/	0.40%	1 1 00/	1.070/	2.010/	42 770/
2004	1.07%	-0.12%	1.03%	0.22%	0.14%	-0.29%	-0.42%	-0.42%	-0.19%	-0.49%	1.18%	1.07%	2.81%	12.77%
2005	1.70%	1.06%	1.09%	-0.69%	0.27%	1.27%	1.16%	0.50%	1.00%	-0.44%	0.71%	0.77%	8.70%	22.58%
2006	-0.18%	1.56%	1.64%	0.86%	-0.47%	1.35%	0.40%	1.56%	2.73%	2.90%	2.34%	2.91%	18.99%	45.85%
2000	-0.10%	1.50%	1.04%	0.00%	-0.47%	1.55%	0.40%	1.50%	2.75%	2.90%	2.34%	2.91%	10.99%	43.83%
2007	3.14%	1.46%	4.67%	0.74%	1.39%	-2.24%	0.87%	-2.20%	-0.31%	1.83%	-2.15%	-1.24%	5.85%	54.38%
2008	-2.08%	-0.01%	-2.35%	1.10%	1.13%	-2.33%	-1.39%	0.21%	-10.93%	-0.44%	-2.86%	0.18%	-18.58%	25.69%
2000	2.0070	0.0170	2.3370	1.10/0	1.1370	2.5570	1.5570	0.21/0	10.5576	0.4470	2.0070	0.1070	10.5070	23.05%
2009	1.92%	-0.28%	0.90%	4.88%	4.10%	0.73%	1.99%	3.21%	3.48%	1.13%	0.22%	0.48%	25.13%	57.27%
2010	1.26%	0.37%	1.60%	0.74%	-1.49%	0.74%	2.01%	-0.34%	0.62%	2.02%	-0.14%	BG 1.85%	i <b>Fund</b> 9.56%	72.31%
2010	1.2076	0.3778	1.00%	0.7478	-1.4976	0.7470	2.01/0	-0.3478	0.0276	2.02/0	-0.1478	1.85%	9.50%	72.31/0
2011	0.65%	0.38%	1.94%	-0.09%	-0.07%	-1.27%	-0.95%	-0.24%	-2.86%	2.47%	-4.50%	-0.49%	-5.08%	63.56%
2012	4.01%	2.12%	-0.28%	0.47%	0 71%	-0.26%	0.10%	1.03%	-0.01%	0.84%	0.43%	0 170/	0 1 70/	76.84%
2012	4.01%	2.1270	-0.28%	0.47%	-0.71%	-0.20%	0.10%	1.03%	-0.01%	0.84%	0.43%	0.17%	8.12%	70.84%
2013	0.80%	0.65%	-0.71%	0.25%	1.19%	0.71%	0.99%	0.48%	1.11%	1.22%	1.97%	2.14%	11.31%	96.85%
2014	2.47%	0.05%	-1.01%	0.61%	1.21%	-1.06%	0.20%	0.86%	-0.71%	-0.36%	1.75%	0.27%	4.29%	105.30%
2014	2.4770	0.0578	-1.01/6	0.0176	1.21/0	-1.00%	0.2076	0.80%	-0.7170	-0.3078	1.7570	0.2778	4.2370	105.50%
2015	2.22%	0.85%	-0.21%	0.93%	1.79%	-1.73%	2.58%	0.78%	-1.01%	0.47%	2.59%	0.96%	10.60%	127.06%
2016	0.00%	1.98%	1.21%	0.79%	1.62%	-0.65%	1.07%	0.43%	0.03%	-0.92%	-0.03%	1.21%	6.91%	142.74%
2017	0.51%	1.53%	0.26%	3.75%	1.24%	-0.06%	0.19%	-0.10%	-0.47%	-0.11%	-1.08%	0.22%	5.97%	157.24%
2018	0.67%	1.24%	-0.55%	-0.53%	0.04%	-0.22%	-2.66%	0.18%	0.46%	-2.14%*			-3.52%*	148.18%*

## **GBP A Share Class**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD	ITD
							BG Fund							
2016	-	-	-	-	-	-	-	-	-	-	0.03%	1.26%	1.29%	1.29%
2017	0.57%	1.57%	0.32%	3.74%	1.37%	0.01%	0.26%	-0.01%	-0.46%	-0.06%	-1.02%	0.29%	6.68%	8.05%
2018	0.72%	1.32%	-0.46%	-0.46%	0.10%	-0.16%	-2.51%	0.29%	0.56%	-2.01%*			-2.66%*	5.18%*

 <sup>\*</sup> Estimated figures
 <sup>(4)</sup> Inception to date figures starting 2010 combine Sark Fund, Boussard & Gavaudan Fund and BG Fund performances.

# **General Stress Tests**

1       Delta - spot up       Spot : 10% ; Credit : 0% ; Vol : 0% ; Rates : 0%       2         2       Delta - spot down       Spot : 10% ; Credit : 0% ; Vol : 0% ; Rates : 0%       2         3       Vega - vol up       Spot : 0% ; Credit : 0% ; Vol : 10% ; Rates : 0%       2         4       Vega - vol down       Spot : 0% ; Credit : 25% ; Vol : 0% ; Rates : 0%       4         5       Credit spread widen       Spot : 0% ; Credit : 25% ; Vol : 0% ; Rates : 0%       4         6       Credit spread widen       Spot : 0% ; Credit : 25% ; Vol : 0% ; Rates : 0%       4         7       Market crash 1       Spot : -20% ; Credit : 25% ; Vol : 30% ; Rates : 0%       5         9       Market crash 1       Spot : -20% ; Credit : 25% ; Vol : 70% ; Rates : 0%       5         10       Market crash 7       Spot : -20% ; Credit : 25% ; Vol : 70% ; Rates : 0%       5         11       Market crash / rates down 1       Spot : -20% ; Credit : 10% ; Vol : 70% ; Rates : 0%       5         12       Market crash / rates down 2       Spot : -20% ; Credit : 10% ; Vol : 70% ; Rates : 50%       5         13       Market crash / rates up 1       Spot : -30% ; Credit : 10% ; Vol : 70% ; Rates : 50%       5         14       Market crash / rates up 3       Spot : -30% ; Credit : 10% ; Vol : 70% ; Rates : 50%       5         15		Scenario	Description	Impact % of NAV
3         Vega - vol up         Spot : 0% ; Credit : 0% ; Vol : 10% ; Rates : 0%         C           4         Vega - vol down         Spot : 0% ; Credit : 0% ; Vol : 10% ; Rates : 0%         -           5         Credit spread widen         Spot : 0% ; Credit : 25% ; Vol : 10% ; Rates : 0%         -           6         Credit spread tighten         Spot : 0% ; Credit : 25% ; Vol : 15% ; Rates : 0%         C           7         Market crash 0.5         Spot : -0% ; Credit : 25% ; Vol : 15% ; Rates : 0%         2           9         Market crash 1         Spot : -0% ; Credit : 100% ; Vol : 30% ; Rates : 0%         2           9         Market crash 2         Spot : -0% ; Credit : 100% ; Vol : 30% ; Rates : 0%         2           11         Market crash, rates down 1         Spot : -30% ; Credit : 100% ; Vol : 30% ; Rates : 50%         2           12         Market crash, rates down 2         Spot : -30% ; Credit : 100% ; Vol : 70% ; Rates : 50%         2           13         Market crash, rates up 1         Spot : -10% ; Credit : 25% ; Vol : 50% ; Nates : 50%         2           14         Market crash, rates up 3         Spot : -20% ; Credit : 25% ; Vol : 0% ; Rates : 50%         2           15         Market crash, rates up 3         Spot : -30% ; Credit : 25% ; Vol : 0% ; Rates : 50%         2           15         Market crash, rates up 3 <t< td=""><td>1</td><td>Delta - spot up</td><td>Spot : 10% ; Credit : 0% ; Vol : 0% ; Rates : 0%</td><td>2.28%</td></t<>	1	Delta - spot up	Spot : 10% ; Credit : 0% ; Vol : 0% ; Rates : 0%	2.28%
4         Vega- vol down         Spot: 0%; Credit: 20%; Vol: 1:0%; Rates: 0%	2	Delta - spot down	Spot : -10% ; Credit : 0% ; Vol : 0% ; Rates : 0%	1.24%
5       Credit spread widen       Spot: 0%; Credit: 25%; Vol: 0%; Rates: 0%       -         6       Credit spread tighten       Spot: 0%; Credit: 25%; Vol: 0%; Rates: 0%       C         7       Market crash 1.       Spot: -0%; Credit: 25%; Vol: 15%; Rates: 0%       C         8       Market crash 1       Spot: -0%; Credit: 75%; Vol: 50%; Rates: 0%       2         9       Market crash 1       Spot: -0%; Credit: 75%; Vol: 50%; Rates: 0%       2         10       Market crash 3       Spot: -0%; Credit: 75%; Vol: 30%; Rates: -50%       2         11       Market crash, rates down 1       Spot: -0%; Credit: 75%; Vol: 30%; Rates: -50%       2         12       Market crash, rates down 3       Spot: -0%; Credit: 75%; Vol: 30%; Rates: -50%       2         13       Market crash, rates up 1       Spot: -0%; Credit: 75%; Vol: 30%; Rates: -50%       2         14       Market crash, rates up 1       Spot: -0%; Credit: 25%; Vol: 30%; Rates: 50%       2         15       Market crash, rates up 3       Spot: -3%; Credit: 25%; Vol: 30%; Rates: 50%       2         16       Market crash, rates up 3       Spot: -5%; Credit: 25%; Vol: 10%; Rates: 0%       2         16       Market crash, rates up 3       Spot: -5%; Credit: 25%; Vol: 10%; Rates: 0%       2         17       Equity Credit decorrelation 1       Spot:	3	Vega - vol up	Spot : 0% ; Credit : 0% ; Vol : 10% ; Rates : 0%	0.33%
6       Credit spread tighten       Spot : 0%; Credit : -25%; Vol : 0%; Rates : 0%       C         7       Market crash 0.5       Spot : -5%; Credit : 25%; Vol : 15%; Rates : 0%       C         9       Market crash 1       Spot : -10%; Credit : 50%; Vol : 30%; Rates : 0%       C         9       Market crash 2       Spot : -20%; Credit : 75%; Vol : 50%; Rates : 0%       S         11       Market crash, rates down 1       Spot : -20%; Credit : 75%; Vol : 50%; Rates : -50%       S         12       Market crash, rates down 2       Spot : -10%; Credit : 75%; Vol : 50%; Rates : -50%       S         13       Market crash, rates down 3       Spot : -20%; Credit : 75%; Vol : 50%; Rates : 50%       S         14       Market crash, rates up 1       Spot : -20%; Credit : 75%; Vol : 50%; Rates : 50%       S         14       Market crash, rates up 2       Spot : -20%; Credit : 25%; Vol : 10%; Rates : 50%       S         15       Market crash, rates up 3       Spot : -30%; Credit : 25%; Vol : 10%; Rates : 0%       C         16       Market crash, rates up 3       Spot : -5%; Credit : 25%; Vol : 10%; Rates : 0%       C         16       Equity Credit decorrelation 1       Spot : 5%; Credit : 25%; Vol : 10%; Rates : 0%       C         17       Equity Credit decorrelation 5       Spot : 5%; Credit : 25%; Vol : 10%; Rates : 0%       C	4	Vega - vol down	Spot : 0% ; Credit : 0% ; Vol : -10% ; Rates : 0%	-0.29%
7       Market crash 0.5       Spot: -5%; Credit: 25%; Vol: 15%; Rates: 0%       C         8       Market crash 1       Spot: -10%; Credit: 25%; Vol: 10%; Rates: 0%       C         9       Market crash 1       Spot: -20%; Credit: 75%; Vol: 50%; Rates: 0%       C         10       Market crash, 1       Spot: -20%; Credit: 75%; Vol: 50%; Rates: 0%       C         10       Market crash, ates down 1       Spot: -10%; Credit: 100%; Vol: 70%; Rates: -50%       C         12       Market crash, rates down 3       Spot: -20%; Credit: 100%; Vol: 70%; Rates: 50%       C         13       Market crash, rates up 1       Spot: -30%; Credit: 100%; Vol: 70%; Rates: 50%       C         14       Market crash, rates up 1       Spot: -30%; Credit: 75%; Vol: 50%; Rates: 50%       C         15       Market crash, rates up 2       Spot: -30%; Credit: 75%; Vol: 10%; Rates: 50%       C         16       Market crash, rates up 3       Spot: 5%; Credit: 25%; Vol: 10%; Rates: 50%       C         16       Market crash, rates up 3       Spot: 5%; Credit: 25%; Vol: 10%; Rates: 0%       C         17       Equity Credit decorrelation 1       Spot: 5%; Credit: 25%; Vol: 10%; Rates: 0%       C         16       Harket crash, 1       Spot: 5%; Credit: 25%; Vol: 10%; Rates: 0%       C         16       Equity Credit decorrelation 5	5	Credit spread widen	Spot : 0% ; Credit : 25% ; Vol : 0% ; Rates : 0%	-0.12%
8       Market crash 1       Spot :-10%; Credit : 50%; Vol : 30%; Rates : 0%       1         9       Market crash 2       Spot :-20%; Credit : 75%; Vol : 50%; Rates : 0%       1         10       Market crash, rates down 1       Spot :-20%; Credit : 100%; Vol : 70%; Rates : 0%       1         11       Market crash, rates down 2       Spot :-20%; Credit : 50%; Vol : 30%; Rates :-50%       1         12       Market crash, rates down 3       Spot :-20%; Credit : 100%; Vol : 70%; Rates :-50%       1         13       Market crash, rates down 3       Spot :-20%; Credit : 100%; Vol : 70%; Rates :-50%       1         14       Market crash, rates up 1       Spot :-20%; Credit : 100%; Vol : 70%; Rates :-50%       1         14       Market crash, rates up 2       Spot :-30%; Credit : 25%; Vol :-30%; Rates :-50%       1         15       Market crash, rates up 3       Spot :-30%; Credit : 25%; Vol :-30%; Rates :-50%       1         16       Market crash, rates up 3       Spot :-30%; Credit :-25%; Vol :-10%; Rates :-50%       1         16       Market crash, rates up 3       Spot :-5%; Credit :-25%; Vol :-10%; Rates :-0%       1         17       Equity Credit decorrelation 1       Spot :-5%; Credit :-25%; Vol :-10%; Rates :-0%       1         16       Equity Credit decorrelation 5       Spot :-5%; Credit :-25%; Vol :-10%; Rates :-0%       1	6	Credit spread tighten	Spot : 0% ; Credit : -25% ; Vol : 0% ; Rates : 0%	0.13%
9       Market crash 2       Spot : -20%; Credit : 75%; Vol : 50%; Rates : 0%       3         10       Market crash 3       Spot : -20%; Credit : 100%; Vol : 70%; Rates : -50%       3         11       Market crash, rates down 1       Spot : -20%; Credit : 50%; Vol : 30%; Rates : -50%       3         12       Market crash, rates down 2       Spot : -20%; Credit : 50%; Vol : 50%; Rates : -50%       3         13       Market crash, rates down 3       Spot : -10%; Credit : 100%; Vol : 70%; Rates : -50%       3         14       Market crash, rates up 1       Spot : -10%; Credit : 50%; Vol : 30%; Rates : -50%       3         15       Market crash, rates up 1       Spot : -20%; Credit : 25%; Vol : 30%; Rates : 50%       3         16       Market crash, rates up 3       Spot : -30%; Credit : 25%; Vol : 0%; Rates : 0%       0         16       Market crash, rates up 3       Spot : -5%; Credit : 25%; Vol : 0%; Rates : 0%       0         17       Equity Credit decorrelation 1       Spot : -5%; Credit : -25%; Vol : 10%; Rates : 0%       0         18       Equity Credit decorrelation 3       Spot : -5%; Credit : -25%; Vol : 10%; Rates : 0%       0         21       Equity Credit decorrelation 5       Spot : -5%; Credit : -25%; Vol : 10%; Rates : 0%       0         22       Equity Credit decorrelation 6       Spot : 0%; Credit : -25%; Vol : 10%; Rates : 0	7	Market crash 0.5	Spot : -5% ; Credit : 25% ; Vol : 15% ; Rates : 0%	0.62%
10       Market crash 3       Spot : -30%, Credit : 100%; Vol : 70%; Rates : 0%       Spot : -30%, Credit : 50%; Vol : 30%; Rates : -50%         11       Market crash, rates down 2       Spot : -20%, Credit : 50%; Vol : 30%; Rates : -50%       Spot : -30%, Credit : 50%; Vol : 70%; Rates : -50%         12       Market crash, rates down 3       Spot : -10%; Credit : 50%; Vol : 70%; Rates : -50%       Spot : -10%; Credit : 50%; Vol : 50%; Rates : 50%         13       Market crash, rates up 1       Spot : -10%; Credit : 50%; Vol : 50%; Rates : 50%       Spot : -20%; Credit : 75%; Vol : 50%; Rates : 50%         14       Market crash, rates up 2       Spot : -20%; Credit : 100%; Vol : 70%; Rates : 50%       Spot : -30%; Credit : 25%; Vol : 0%; Rates : 50%         16       Market crash, rates up 3       Spot : -30%; Credit : 25%; Vol : 0%; Rates : 0%       Spot : 5%; Credit : 25%; Vol : 00%; Rates : 0%       Spot : 5%; Credit : 25%; Vol : 00%; Rates : 0%       Spot : 5%; Credit : 25%; Vol : -10%; Rates : 0%       Spot : 5%; Credit : -25%; Vol : -10%; Rates : 0%       Spot : 5%; Credit : -25%; Vol : -10%; Rates : 0%       Spot : 5%; Credit : -25%; Vol : -10%; Rates : 0%       Spot : 5%; Credit : -25%; Vol : -10%; Rates : 0%       Spot : 5%; Credit : -25%; Vol : -10%; Rates : 0%       Spot : 5%; Credit : -25%; Vol : -10%; Rates : 0%       Spot : 5%; Credit : -25%; Vol : -10%; Rates : 0%       Spot : 5%; Credit : -25%; Vol : -10%; Rates : 0%       Spot : 5%; Credit : -25%; Vol : -10%; Rates : 0%       Spot : 5%; Credit : -25%; Vol : 0%; Rates : 0%       Spot : 5%; Credit : -25%; Vol : 0%;	8	Market crash 1	Spot : -10% ; Credit : 50% ; Vol : 30% ; Rates : 0%	1.59%
11       Market crash, rates down 1       Spot : -10%; Credit : 50%; Vol : 30%; Rates : -50%       11         12       Market crash, rates down 2       Spot : -20%; Credit : 75%; Vol : 50%; Rates : -50%       12         13       Market crash, rates down 3       Spot : -20%; Credit : 100%; Vol : 70%; Rates : -50%       12         14       Market crash, rates up 1       Spot : -10%; Credit : 50%; Vol : 30%; Rates : 50%       13         15       Market crash, rates up 1       Spot : -20%; Credit : 100%; Vol : 70%; Rates : 50%       14         16       Market crash, rates up 3       Spot : -30%; Credit : 25%; Vol : 50%; Rates : 50%       15         16       Market crash, rates up 3       Spot : 5%; Credit : 25%; Vol : 00%; Rates : 0%       16         17       Equity Credit decorrelation 1       Spot : 5%; Credit : 25%; Vol : 10%; Rates : 0%       16         18       Equity Credit decorrelation 3       Spot : 5%; Credit : 25%; Vol : -10%; Rates : 0%       17         12       Equity Credit decorrelation 4       Spot : -5%; Credit : -25%; Vol : -10%; Rates : 0%       17         14       Equity Credit decorrelation 6       Spot : -5%; Credit : -25%; Vol : -10%; Rates : 0%       17         14       Spot : 5%; Credit : -25%; Vol : -10%; Rates : 0%       17       17       Spot : 5%; Credit : -25%; Vol : -10%; Rates : 0%       17         14	9	Market crash 2	Spot : -20% ; Credit : 75% ; Vol : 50% ; Rates : 0%	3.50%
12       Market crash, rates down 2       Spot :-20%; Credit : 75%; Vol : 50%; Rates :-50%       3         13       Market crash, rates down 3       Spot :-20%; Credit : 100%; Vol : 70%; Rates :-50%       5         14       Market crash, rates up 1       Spot :-20%; Credit : 55%; Vol : 30%; Rates : 50%       5         15       Market crash, rates up 2       Spot :-20%; Credit : 75%; Vol : 50%; Rates : 50%       5         16       Market crash, rates up 3       Spot :-20%; Credit : 25%; Vol : 50%; Rates : 50%       5         16       Market crash, rates up 3       Spot :-20%; Credit : 25%; Vol : 0%; Rates : 50%       5         17       Equity Credit decorrelation 1       Spot :-5%; Credit : 25%; Vol : 10%; Rates : 0%       5         18       Equity Credit decorrelation 3       Spot :-5%; Credit :-25%; Vol : 10%; Rates : 0%       5         20       Equity Credit decorrelation 4       Spot :-5%; Credit :-25%; Vol : 10%; Rates : 0%       5         21       Equity Credit decorrelation 6       Spot :0%; Credit :-25%; Vol : 10%; Rates : 0%       5         22       Equity Credit decorrelation 7       Spot :5%; Credit :-25%; Vol : 10%; Rates : 0%       5         23       Equity Credit decorrelation 7       Spot :5%; Credit :-25%; Vol : 10%; Rates : 0%       5         24       Market rally 1       Spot :5%; Credit :-25%; Vol : 10%; Rates : 0%	10	Market crash 3	Spot : -30% ; Credit : 100% ; Vol : 70% ; Rates : 0%	5.80%
13       Market crash, rates down 3       Spot :-30%; Credit : 10%; Vol : 70%; Rates :-50%       5         14       Market crash, rates up 1       Spot :-10%; Credit : 50%; Vol : 30%; Rates : 50%       5         15       Market crash, rates up 2       Spot :-20%; Credit : 75%; Vol : 50%; Rates : 50%       5         16       Market crash, rates up 3       Spot :-30%; Credit : 100%; Vol : 70%; Rates : 50%       6         17       Equity Credit decorrelation 1       Spot :5%; Credit : 25%; Vol : 00%; Rates : 0%       6         18       Equity Credit decorrelation 2       Spot :5%; Credit : 25%; Vol : 10%; Rates : 0%       6         19       Equity Credit decorrelation 3       Spot :5%; Credit : 25%; Vol : 10%; Rates : 0%       6         20       Equity Credit decorrelation 5       Spot :-5%; Credit : 25%; Vol : 10%; Rates : 0%       6         21       Equity Credit decorrelation 6       Spot :0%; Credit : 25%; Vol : 10%; Rates : 0%       6         22       Equity Credit decorrelation 7       Spot :5%; Credit : -25%; Vol : 10%; Rates : 0%       6         23       Equity Credit decorrelation 7       Spot :5%; Credit : -25%; Vol : -10%; Rates : 0%       6         24       Market rally 1       Spot :5%; Credit : -25%; Vol : -10%; Rates : 0%       6         24       Market rally 3       Spot : 5%; Credit : -25%; Vol : -10%; Rates : 0%       <	11	Market crash, rates down 1	Spot : -10% ; Credit : 50% ; Vol : 30% ; Rates : -50%	1.16%
14       Market crash, rates up 1       Spt : -10%; Credit : 50%, Vol : 30%; Rates : 50%       1         15       Market crash, rates up 2       Spt : -20%; Credit : 75%; Vol : 50%; Rates : 50%       1         16       Market crash, rates up 3       Spt : -30%; Credit : 100%; Vol : 70%; Rates : 50%       1         17       Equity Credit decorrelation 1       Spt : 5%; Credit : 25%; Vol : 0%; Rates : 0%       0         18       Equity Credit decorrelation 2       Spt : 5%; Credit : 25%; Vol : 10%; Rates : 0%       0         19       Equity Credit decorrelation 3       Spt : 5%; Credit : 25%; Vol : 10%; Rates : 0%       0         20       Equity Credit decorrelation 4       Spt : -5%; Credit : -25%; Vol : 10%; Rates : 0%       0         21       Equity Credit decorrelation 5       Spt : -5%; Credit : -25%; Vol : 10%; Rates : 0%       0         22       Equity Credit decorrelation 6       Spt : 0%; Credit : -25%; Vol : 10%; Rates : 0%       0         23       Equity Credit decorrelation 7       Spt : 0%; Credit : -25%; Vol : 10%; Rates : 0%       0         24       Market rally 1       Spt : 5%; Credit : -25%; Vol : 10%; Rates : 0%       0         24       Market rally 2       Spt : 5%; Credit : -25%; Vol : 10%; Rates : 0%       0         25       Market rally 3       Spt : 5%; Credit : -25%; Vol : 10%; Rates : 0%       0 </td <td>12</td> <td>Market crash, rates down 2</td> <td>Spot : -20% ; Credit : 75% ; Vol : 50% ; Rates : -50%</td> <td>3.13%</td>	12	Market crash, rates down 2	Spot : -20% ; Credit : 75% ; Vol : 50% ; Rates : -50%	3.13%
15       Market crash, rates up 2       Spot : -20%; Credit : 75%; Vol : 50%; Rates : 50%       E         16       Market crash, rates up 3       Spot : -30%; Credit : 100%; Vol : 70%; Rates : 50%       E         17       Equity Credit decorrelation 1       Spot : 5%; Credit : 25%; Vol : 0%; Rates : 0%       C         18       Equity Credit decorrelation 2       Spot : 5%; Credit : 25%; Vol : 10%; Rates : 0%       C         19       Equity Credit decorrelation 3       Spot : 5%; Credit : -25%; Vol : 10%; Rates : 0%       C         20       Equity Credit decorrelation 4       Spot : -5%; Credit : -25%; Vol : 10%; Rates : 0%       C         21       Equity Credit decorrelation 5       Spot : -5%; Credit : -25%; Vol : 10%; Rates : 0%       C         22       Equity Credit decorrelation 6       Spot : 0%; Credit : -25%; Vol : 10%; Rates : 0%       C         23       Equity Credit decorrelation 7       Spot : 5%; Credit : -25%; Vol : -10%; Rates : 0%       C         24       Market rally 1       Spot : 5%; Credit : -25%; Vol : -10%; Rates : 0%       C         24       Market rally 2       Spot : 5%; Credit : -25%; Vol : -10%; Rates : 0%       C         25       Market rally 3       Spot : 5%; Credit : -25%; Vol : -10%; Rates : 0%       C         26       Market rally 4       Spot : 10%; Credit : -25%; Vol : -10%; Rates : 0%       C <td>13</td> <td>Market crash, rates down 3</td> <td>Spot : -30% ; Credit : 100% ; Vol : 70% ; Rates : -50%</td> <td>5.43%</td>	13	Market crash, rates down 3	Spot : -30% ; Credit : 100% ; Vol : 70% ; Rates : -50%	5.43%
16       Market crash, rates up 3       Spot : -30%; Credit : 100%; Vol : 70%; Rates : 50%       6         17       Equity Credit decorrelation 1       Spot : 5%; Credit : 25%; Vol : 0%; Rates : 0%       6         18       Equity Credit decorrelation 2       Spot : 5%; Credit : 25%; Vol : 10%; Rates : 0%       6         19       Equity Credit decorrelation 3       Spot : 5%; Credit : 25%; Vol : -10%; Rates : 0%       6         20       Equity Credit decorrelation 4       Spot : -5%; Credit : -25%; Vol : -10%; Rates : 0%       6         21       Equity Credit decorrelation 5       Spot : -5%; Credit : -25%; Vol : -10%; Rates : 0%       6         22       Equity Credit decorrelation 6       Spot : 0%; Credit : -25%; Vol : -10%; Rates : 0%       6         23       Equity Credit decorrelation 7       Spot : 5%; Credit : -25%; Vol : -10%; Rates : 0%       6         24       Market rally 1       Spot : 5%; Credit : -25%; Vol : -10%; Rates : 0%       6         25       Market rally 2       Spot : 5%; Credit : -25%; Vol : -10%; Rates : 0%       6         26       Market rally 3       Spot : 5%; Credit : -25%; Vol : -10%; Rates : 0%       6         26       Market rally 4       Spot : 10%; Credit : -25%; Vol : -0%; Rates : 0%       6         27       Market rally 5       Spot : 10%; Credit : -25%; Vol : 0%; Rates : 0%       6 <td>14</td> <td>Market crash, rates up 1</td> <td>Spot : -10% ; Credit : 50% ; Vol : 30% ; Rates : 50%</td> <td>1.99%</td>	14	Market crash, rates up 1	Spot : -10% ; Credit : 50% ; Vol : 30% ; Rates : 50%	1.99%
17       Equity Credit decorrelation 1       Spot : 5% ; Credit : 25% ; Vol : 0% ; Rates : 0%       C         18       Equity Credit decorrelation 2       Spot : 5% ; Credit : 25% ; Vol : 10% ; Rates : 0%       C         19       Equity Credit decorrelation 3       Spot : 5% ; Credit : 25% ; Vol : 10% ; Rates : 0%       C         20       Equity Credit decorrelation 4       Spot : -5% ; Credit : -25% ; Vol : -10% ; Rates : 0%       C         21       Equity Credit decorrelation 5       Spot : -5% ; Credit : -25% ; Vol : -10% ; Rates : 0%       C         22       Equity Credit decorrelation 6       Spot : 0% ; Credit : -25% ; Vol : -10% ; Rates : 0%       C         23       Equity Credit decorrelation 7       Spot : 5% ; Credit : -25% ; Vol : -10% ; Rates : 0%       C         24       Market rally 1       Spot : 5% ; Credit : -25% ; Vol : -10% ; Rates : 0%       C         25       Market rally 2       Spot : 5% ; Credit : -25% ; Vol : -10% ; Rates : 0%       C         26       Market rally 3       Spot : 5% ; Credit : -25% ; Vol : -0% ; Rates : 0%       C         27       Market rally 4       Spot : 10% ; Credit : -25% ; Vol : -0% ; Rates : 0%       C         28       Market rally 5       Spot : 10% ; Credit : -25% ; Vol : -0% ; Rates : 0%       C         29       Market rally 1       Spot : 5% ; Credit : -25% ; Vol : 0% ; Rates : 50%	15	Market crash, rates up 2	Spot : -20% ; Credit : 75% ; Vol : 50% ; Rates : 50%	3.89%
18       Equity Credit decorrelation 2       Spot : 5% ; Credit : 25% ; Vol : 10% ; Rates : 0%       (1)         19       Equity Credit decorrelation 3       Spot : 5% ; Credit : 25% ; Vol : 10% ; Rates : 0%       (2)         20       Equity Credit decorrelation 4       Spot : -5% ; Credit : -25% ; Vol : 10% ; Rates : 0%       (2)         21       Equity Credit decorrelation 5       Spot : -5% ; Credit : -25% ; Vol : -10% ; Rates : 0%       (2)         22       Equity Credit decorrelation 6       Spot : 0% ; Credit : -25% ; Vol : -10% ; Rates : 0%       (2)         23       Equity Credit decorrelation 7       Spot : 5% ; Credit : -25% ; Vol : -10% ; Rates : 0%       (2)         24       Market rally 1       Spot : 5% ; Credit : -25% ; Vol : -10% ; Rates : 0%       (2)         25       Market rally 2       Spot : 5% ; Credit : -25% ; Vol : -10% ; Rates : 0%       (2)         26       Market rally 3       Spot : 5% ; Credit : -25% ; Vol : -10% ; Rates : 0%       (2)         27       Market rally 4       Spot : 10% ; Credit : -25% ; Vol : -10% ; Rates : 0%       (2)         28       Market rally 5       Spot : 10% ; Credit : -25% ; Vol : -10% ; Rates : 0%       (2)         30       Market rally 6       Spot : 10% ; Credit : -25% ; Vol : -10% ; Rates : 50%       (2)         31       Market rally, Inflation 1       Spot : 5% ; Credit : -25% ; V	16	Market crash, rates up 3	Spot : -30% ; Credit : 100% ; Vol : 70% ; Rates : 50%	6.56%
19       Equity Credit decorrelation 3       Spot : 5% ; Credit : 25% ; Vol : -10% ; Rates : 0%       C         20       Equity Credit decorrelation 4       Spot : -5% ; Credit : -25% ; Vol : -10% ; Rates : 0%       C         21       Equity Credit decorrelation 5       Spot : -5% ; Credit : -25% ; Vol : -10% ; Rates : 0%       C         22       Equity Credit decorrelation 6       Spot : 0% ; Credit : 25% ; Vol : -10% ; Rates : 0%       C         23       Equity Credit decorrelation 7       Spot : 5% ; Credit : -25% ; Vol : -10% ; Rates : 0%       C         24       Market rally 1       Spot : 5% ; Credit : -25% ; Vol : -10% ; Rates : 0%       C         25       Market rally 2       Spot : 5% ; Credit : -25% ; Vol : -10% ; Rates : 0%       C         26       Market rally 3       Spot : 5% ; Credit : -25% ; Vol : -10% ; Rates : 0%       C         27       Market rally 4       Spot : 10% ; Credit : -25% ; Vol : -10% ; Rates : 0%       C         28       Market rally 5       Spot : 10% ; Credit : -25% ; Vol : -10% ; Rates : 0%       C         30       Market rally 6       Spot : 5% ; Credit : -25% ; Vol : -10% ; Rates : 50%       C         31       Market rally, Inflation 1       Spot : 5% ; Credit : -25% ; Vol : -10% ; Rates : 50%       C         32       Market rally, Inflation 3       Spot : 5% ; Credit : -25% ; Vol : -0% ; Rates : 50% <td>17</td> <td>Equity Credit decorrelation 1</td> <td>Spot : 5% ; Credit : 25% ; Vol : 0% ; Rates : 0%</td> <td>0.61%</td>	17	Equity Credit decorrelation 1	Spot : 5% ; Credit : 25% ; Vol : 0% ; Rates : 0%	0.61%
20       Equity Credit decorrelation 4       Spot: -5%; Credit: -25%; Vol: 10%; Rates: 0%       C         21       Equity Credit decorrelation 5       Spot: -5%; Credit: -25%; Vol: -10%; Rates: 0%       C         22       Equity Credit decorrelation 6       Spot: 0%; Credit: 25%; Vol: 10%; Rates: 0%       C         23       Equity Credit decorrelation 7       Spot: 0%; Credit: -25%; Vol: -10%; Rates: 0%       C         24       Market rally 1       Spot: 5%; Credit: -25%; Vol: -10%; Rates: 0%       C         25       Market rally 2       Spot: 5%; Credit: -25%; Vol: -10%; Rates: 0%       C         26       Market rally 3       Spot: 5%; Credit: -25%; Vol: -10%; Rates: 0%       C         27       Market rally 4       Spot: 10%; Credit: -25%; Vol: -10%; Rates: 0%       C         28       Market rally 5       Spot: 10%; Credit: -25%; Vol: -10%; Rates: 0%       C         29       Market rally 6       Spot: 5%; Credit: -25%; Vol: -10%; Rates: 0%       C         30       Market rally, Inflation 1       Spot: 5%; Credit: -25%; Vol: -10%; Rates: 50%       C         31       Market rally, Inflation 3       Spot: 10%; Credit: -25%; Vol: -10%; Rates: 50%       C         32       Market rally, Inflation 4       Spot: 10%; Credit: -25%; Vol: -10%; Rates: 50%       C         33       Market rally, Inflation 5<	18	Equity Credit decorrelation 2	Spot : 5% ; Credit : 25% ; Vol : 10% ; Rates : 0%	0.94%
21       Equity Credit decorrelation 5       Spot: -5%; Credit: -25%; Vol: -10%; Rates: 0%       C         22       Equity Credit decorrelation 6       Spot: 0%; Credit: 25%; Vol: -10%; Rates: 0%       C         23       Equity Credit decorrelation 7       Spot: 0%; Credit: 25%; Vol: -10%; Rates: 0%       C         24       Market rally 1       Spot: 5%; Credit: -25%; Vol: -10%; Rates: 0%       C         25       Market rally 2       Spot: 5%; Credit: -25%; Vol: -10%; Rates: 0%       C         26       Market rally 3       Spot: 5%; Credit: -25%; Vol: -10%; Rates: 0%       C         27       Market rally 4       Spot: 10%; Credit: -25%; Vol: -10%; Rates: 0%       C         28       Market rally 5       Spot: 10%; Credit: -25%; Vol: -10%; Rates: 0%       C         29       Market rally 6       Spot: 10%; Credit: -25%; Vol: 0%; Rates: 0%       C         30       Market rally, Inflation 1       Spot: 5%; Credit: -25%; Vol: 0%; Rates: 50%       C         31       Market rally, Inflation 2       Spot: 5%; Credit: -25%; Vol: -10%; Rates: 50%       C         32       Market rally, Inflation 3       Spot: 5%; Credit: -25%; Vol: -10%; Rates: 50%       C         33       Market rally, Inflation 5       Spot: 10%; Credit: -25%; Vol: -10%; Rates: 50%       C         34       Market rally, Inflation 6	19	Equity Credit decorrelation 3	Spot : 5% ; Credit : 25% ; Vol : -10% ; Rates : 0%	0.30%
22       Equity Credit decorrelation 6       Spot : 0% ; Credit : 25% ; Vol : 10% ; Rates : 0%       20         23       Equity Credit decorrelation 7       Spot : 0% ; Credit : 25% ; Vol : -10% ; Rates : 0%       21         24       Market rally 1       Spot : 5% ; Credit : -25% ; Vol : -10% ; Rates : 0%       22         25       Market rally 2       Spot : 5% ; Credit : -25% ; Vol : -10% ; Rates : 0%       22         26       Market rally 3       Spot : 5% ; Credit : -25% ; Vol : 0% ; Rates : 0%       22         26       Market rally 4       Spot : 10% ; Credit : -25% ; Vol : -10% ; Rates : 0%       22         27       Market rally 4       Spot : 10% ; Credit : -25% ; Vol : -10% ; Rates : 0%       22         28       Market rally 5       Spot : 10% ; Credit : -25% ; Vol : 10% ; Rates : 0%       22         29       Market rally 6       Spot : 10% ; Credit : -25% ; Vol : 10% ; Rates : 0%       22         30       Market rally, Inflation 1       Spot : 5% ; Credit : -25% ; Vol : -10% ; Rates : 50%       23         31       Market rally, Inflation 2       Spot : 10% ; Credit : -25% ; Vol : -10% ; Rates : 50%       23         32       Market rally, Inflation 5       Spot : 10% ; Credit : -25% ; Vol : -10% ; Rates : 50%       24         33       Market rally, Inflation 5       Spot : 10% ; Credit : -25% ; Vol : -0% ; Rates : 50% <td< td=""><td>20</td><td>Equity Credit decorrelation 4</td><td>Spot : -5% ; Credit : -25% ; Vol : 10% ; Rates : 0%</td><td>0.73%</td></td<>	20	Equity Credit decorrelation 4	Spot : -5% ; Credit : -25% ; Vol : 10% ; Rates : 0%	0.73%
23       Equity Credit decorrelation 7       Spot : 0% ; Credit : 25% ; Vol : -10% ; Rates : 0%       4         24       Market rally 1       Spot : 5% ; Credit : -25% ; Vol : -10% ; Rates : 0%       6         25       Market rally 2       Spot : 5% ; Credit : -25% ; Vol : 0% ; Rates : 0%       6         26       Market rally 3       Spot : 5% ; Credit : -25% ; Vol : 10% ; Rates : 0%       6         27       Market rally 4       Spot : 10% ; Credit : -25% ; Vol : -10% ; Rates : 0%       6         28       Market rally 5       Spot : 10% ; Credit : -25% ; Vol : -10% ; Rates : 0%       6         29       Market rally 6       Spot : 10% ; Credit : -25% ; Vol : 0% ; Rates : 0%       6         30       Market rally, Inflation 1       Spot : 5% ; Credit : -25% ; Vol : -10% ; Rates : 50%       6         31       Market rally, Inflation 2       Spot : 5% ; Credit : -25% ; Vol : -10% ; Rates : 50%       6         32       Market rally, Inflation 3       Spot : 5% ; Credit : -25% ; Vol : -10% ; Rates : 50%       6         33       Market rally, Inflation 4       Spot : 10% ; Credit : -25% ; Vol : -10% ; Rates : 50%       6         34       Market rally, Inflation 5       Spot : 10% ; Credit : -25% ; Vol : -10% ; Rates : 50%       6         35       Market rally, Inflation 7       Spot : 5% ; Credit : -25% ; Vol : 10% ; Rates : 50%       6 </td <td>21</td> <td>Equity Credit decorrelation 5</td> <td>Spot : -5% ; Credit : -25% ; Vol : -10% ; Rates : 0%</td> <td>0.23%</td>	21	Equity Credit decorrelation 5	Spot : -5% ; Credit : -25% ; Vol : -10% ; Rates : 0%	0.23%
24       Market rally 1       Spot : 5% ; Credit : -25% ; Vol : -10% ; Rates : 0%       C         25       Market rally 2       Spot : 5% ; Credit : -25% ; Vol : 0% ; Rates : 0%       C         26       Market rally 3       Spot : 5% ; Credit : -25% ; Vol : 10% ; Rates : 0%       C         27       Market rally 4       Spot : 10% ; Credit : -25% ; Vol : -10% ; Rates : 0%       C         28       Market rally 5       Spot : 10% ; Credit : -25% ; Vol : 0% ; Rates : 0%       C         29       Market rally 6       Spot : 5% ; Credit : -25% ; Vol : 10% ; Rates : 0%       C         30       Market rally, Inflation 1       Spot : 5% ; Credit : -25% ; Vol : 10% ; Rates : 50%       C         31       Market rally, Inflation 2       Spot : 5% ; Credit : -25% ; Vol : 0% ; Rates : 50%       C         32       Market rally, Inflation 3       Spot : 5% ; Credit : -25% ; Vol : 0% ; Rates : 50%       C         33       Market rally, Inflation 4       Spot : 10% ; Credit : -25% ; Vol : -10% ; Rates : 50%       C         34       Market rally, Inflation 5       Spot : 10% ; Credit : -25% ; Vol : 0% ; Rates : 50%       C         34       Market rally, Inflation 6       Spot : 10% ; Credit : -25% ; Vol : 0% ; Rates : 50%       C         35       Market rally, Inflation 7       Spot : 5% ; Credit : -25% ; Vol : 0% ; Rates : 100%       C <td>22</td> <td>Equity Credit decorrelation 6</td> <td>Spot : 0% ; Credit : 25% ; Vol : 10% ; Rates : 0%</td> <td>0.21%</td>	22	Equity Credit decorrelation 6	Spot : 0% ; Credit : 25% ; Vol : 10% ; Rates : 0%	0.21%
25       Market rally 2       Spot : 5%; Credit : -25%; Vol : 0%; Rates : 0%       0         26       Market rally 3       Spot : 5%; Credit : -25%; Vol : 10%; Rates : 0%       1         27       Market rally 4       Spot : 10%; Credit : -25%; Vol : -10%; Rates : 0%       1         28       Market rally 5       Spot : 10%; Credit : -25%; Vol : -10%; Rates : 0%       1         29       Market rally 6       Spot : 10%; Credit : -25%; Vol : 0%; Rates : 0%       1         30       Market rally, Inflation 1       Spot : 5%; Credit : -25%; Vol : -10%; Rates : 50%       1         31       Market rally, Inflation 2       Spot : 5%; Credit : -25%; Vol : 0%; Rates : 50%       1         32       Market rally, Inflation 3       Spot : 5%; Credit : -25%; Vol : 10%; Rates : 50%       1         33       Market rally, Inflation 4       Spot : 10%; Credit : -25%; Vol : 10%; Rates : 50%       1         34       Market rally, Inflation 5       Spot : 10%; Credit : -25%; Vol : -10%; Rates : 50%       1         34       Market rally, Inflation 6       Spot : 10%; Credit : -25%; Vol : 0%; Rates : 50%       1         35       Market rally, Inflation 7       Spot : 5%; Credit : -25%; Vol : 10%; Rates : 50%       1         36       Market rally, Inflation 7       Spot : 5%; Credit : -25%; Vol : 10%; Rates : 100%       1         3	23	Equity Credit decorrelation 7	Spot : 0% ; Credit : 25% ; Vol : -10% ; Rates : 0%	-0.41%
26       Market rally 3       Spot : 5%; Credit : -25%; Vol : 10%; Rates : 0%       1         27       Market rally 4       Spot : 10%; Credit : -25%; Vol : -10%; Rates : 0%       2         28       Market rally 5       Spot : 10%; Credit : -25%; Vol : 0%; Rates : 0%       2         29       Market rally 6       Spot : 10%; Credit : -25%; Vol : 10%; Rates : 0%       2         30       Market rally, Inflation 1       Spot : 5%; Credit : -25%; Vol : 10%; Rates : 50%       2         31       Market rally, Inflation 2       Spot : 5%; Credit : -25%; Vol : 0%; Rates : 50%       3         32       Market rally, Inflation 3       Spot : 5%; Credit : -25%; Vol : 10%; Rates : 50%       3         33       Market rally, Inflation 4       Spot : 10%; Credit : -25%; Vol : 10%; Rates : 50%       3         34       Market rally, Inflation 5       Spot : 10%; Credit : -25%; Vol : -10%; Rates : 50%       3         34       Market rally, Inflation 5       Spot : 10%; Credit : -25%; Vol : 0%; Rates : 50%       3         35       Market rally, Inflation 6       Spot : 10%; Credit : -25%; Vol : 0%; Rates : 50%       3         36       Market rally, Inflation 7       Spot : 5%; Credit : -25%; Vol : 10%; Rates : 100%       3         37       Market rally, Inflation 8       Spot : 5%; Credit : -25%; Vol : 0%; Rates : 100%       3	24	Market rally 1	Spot : 5% ; Credit : -25% ; Vol : -10% ; Rates : 0%	0.56%
27       Market rally 4       Spot : 10% ; Credit : -25% ; Vol : -10% ; Rates : 0%       2         28       Market rally 5       Spot : 10% ; Credit : -25% ; Vol : 0% ; Rates : 0%       2         29       Market rally 6       Spot : 10% ; Credit : -25% ; Vol : 10% ; Rates : 0%       2         30       Market rally, Inflation 1       Spot : 5% ; Credit : -25% ; Vol : -10% ; Rates : 50%       2         31       Market rally, Inflation 2       Spot : 5% ; Credit : -25% ; Vol : 0% ; Rates : 50%       2         32       Market rally, Inflation 3       Spot : 5% ; Credit : -25% ; Vol : 10% ; Rates : 50%       2         33       Market rally, Inflation 4       Spot : 10% ; Credit : -25% ; Vol : 10% ; Rates : 50%       2         34       Market rally, Inflation 5       Spot : 10% ; Credit : -25% ; Vol : -10% ; Rates : 50%       2         35       Market rally, Inflation 6       Spot : 10% ; Credit : -25% ; Vol : 0% ; Rates : 50%       3         35       Market rally, Inflation 7       Spot : 5% ; Credit : -25% ; Vol : 0% ; Rates : 50%       3         36       Market rally, Inflation 7       Spot : 5% ; Credit : -25% ; Vol : 10% ; Rates : 100%       3         37       Market rally, Inflation 8       Spot : 5% ; Credit : -25% ; Vol : 0% ; Rates : 100%       3         38       Market rally, Inflation 9       Spot : 5% ; Credit : -25% ; Vol : 10% ; Ra	25	Market rally 2	Spot : 5% ; Credit : -25% ; Vol : 0% ; Rates : 0%	0.86%
28       Market rally 5       Spot : 10% ; Credit : -25% ; Vol : 0% ; Rates : 0%       2         29       Market rally 6       Spot : 10% ; Credit : -25% ; Vol : 10% ; Rates : 0%       2         30       Market rally, Inflation 1       Spot : 5% ; Credit : -25% ; Vol : -10% ; Rates : 50%       2         31       Market rally, Inflation 2       Spot : 5% ; Credit : -25% ; Vol : 0% ; Rates : 50%       2         32       Market rally, Inflation 3       Spot : 5% ; Credit : -25% ; Vol : 10% ; Rates : 50%       2         33       Market rally, Inflation 4       Spot : 10% ; Credit : -25% ; Vol : -10% ; Rates : 50%       2         34       Market rally, Inflation 5       Spot : 10% ; Credit : -25% ; Vol : -10% ; Rates : 50%       2         34       Market rally, Inflation 6       Spot : 10% ; Credit : -25% ; Vol : 0% ; Rates : 50%       3         35       Market rally, Inflation 7       Spot : 5% ; Credit : -25% ; Vol : 10% ; Rates : 50%       3         36       Market rally, Inflation 7       Spot : 5% ; Credit : -25% ; Vol : 10% ; Rates : 100%       3         37       Market rally, Inflation 8       Spot : 5% ; Credit : -25% ; Vol : 0% ; Rates : 100%       3         38       Market rally, Inflation 9       Spot : 5% ; Credit : -25% ; Vol : 10% ; Rates : 100%       3	26	Market rally 3	Spot : 5% ; Credit : -25% ; Vol : 10% ; Rates : 0%	1.19%
29       Market rally 6       Spot : 10% ; Credit : -25% ; Vol : 10% ; Rates : 0%       2         30       Market rally, Inflation 1       Spot : 5% ; Credit : -25% ; Vol : -10% ; Rates : 50%       1         31       Market rally, Inflation 2       Spot : 5% ; Credit : -25% ; Vol : 0% ; Rates : 50%       1         32       Market rally, Inflation 3       Spot : 5% ; Credit : -25% ; Vol : 10% ; Rates : 50%       1         33       Market rally, Inflation 4       Spot : 10% ; Credit : -25% ; Vol : 10% ; Rates : 50%       1         34       Market rally, Inflation 5       Spot : 10% ; Credit : -25% ; Vol : 0% ; Rates : 50%       1         35       Market rally, Inflation 6       Spot : 10% ; Credit : -25% ; Vol : 0% ; Rates : 50%       1         35       Market rally, Inflation 7       Spot : 50% ; Credit : -25% ; Vol : 0% ; Rates : 50%       1         36       Market rally, Inflation 7       Spot : 5% ; Credit : -25% ; Vol : 10% ; Rates : 100%       1         37       Market rally, Inflation 8       Spot : 5% ; Credit : -25% ; Vol : -10% ; Rates : 100%       1         38       Market rally, Inflation 9       Spot : 5% ; Credit : -25% ; Vol : 10% ; Rates : 100%       1	27	Market rally 4	Spot : 10% ; Credit : -25% ; Vol : -10% ; Rates : 0%	2.10%
30       Market rally, Inflation 1       Spot : 5% ; Credit : -25% ; Vol : -10% ; Rates : 50%       1         31       Market rally, Inflation 2       Spot : 5% ; Credit : -25% ; Vol : 0% ; Rates : 50%       1         32       Market rally, Inflation 3       Spot : 5% ; Credit : -25% ; Vol : 10% ; Rates : 50%       1         33       Market rally, Inflation 4       Spot : 10% ; Credit : -25% ; Vol : 10% ; Rates : 50%       1         34       Market rally, Inflation 5       Spot : 10% ; Credit : -25% ; Vol : 0% ; Rates : 50%       1         35       Market rally, Inflation 6       Spot : 10% ; Credit : -25% ; Vol : 0% ; Rates : 50%       1         36       Market rally, Inflation 7       Spot : 5% ; Credit : -25% ; Vol : 10% ; Rates : 50%       1         36       Market rally, Inflation 7       Spot : 5% ; Credit : -25% ; Vol : -10% ; Rates : 50%       1         37       Market rally, Inflation 8       Spot : 5% ; Credit : -25% ; Vol : -10% ; Rates : 100%       1         37       Market rally, Inflation 9       Spot : 5% ; Credit : -25% ; Vol : 0% ; Rates : 100%       1         38       Market rally, Inflation 9       Spot : 5% ; Credit : -25% ; Vol : 10% ; Rates : 100%       1	28	Market rally 5	Spot : 10% ; Credit : -25% ; Vol : 0% ; Rates : 0%	2.39%
31       Market rally, Inflation 2       Spot : 5%; Credit : -25%; Vol : 0%; Rates : 50%       1         32       Market rally, Inflation 3       Spot : 5%; Credit : -25%; Vol : 10%; Rates : 50%       1         33       Market rally, Inflation 4       Spot : 10%; Credit : -25%; Vol : -10%; Rates : 50%       1         34       Market rally, Inflation 5       Spot : 10%; Credit : -25%; Vol : -10%; Rates : 50%       1         35       Market rally, Inflation 6       Spot : 10%; Credit : -25%; Vol : 0%; Rates : 50%       1         36       Market rally, Inflation 7       Spot : 5%; Credit : -25%; Vol : 10%; Rates : 100%       1         37       Market rally, Inflation 8       Spot : 5%; Credit : -25%; Vol : -10%; Rates : 100%       1         38       Market rally, Inflation 9       Spot : 5%; Credit : -25%; Vol : 10%; Rates : 100%       1	29	Market rally 6	Spot : 10% ; Credit : -25% ; Vol : 10% ; Rates : 0%	2.67%
32       Market rally, Inflation 3       Spot : 5%; Credit : -25%; Vol : 10%; Rates : 50%       1         33       Market rally, Inflation 4       Spot : 10%; Credit : -25%; Vol : -10%; Rates : 50%       2         34       Market rally, Inflation 5       Spot : 10%; Credit : -25%; Vol : -10%; Rates : 50%       3         35       Market rally, Inflation 6       Spot : 10%; Credit : -25%; Vol : 10%; Rates : 50%       3         36       Market rally, Inflation 7       Spot : 5%; Credit : -25%; Vol : -10%; Rates : 100%       1         37       Market rally, Inflation 8       Spot : 5%; Credit : -25%; Vol : 0%; Rates : 100%       1         38       Market rally, Inflation 9       Spot : 5%; Credit : -25%; Vol : 10%; Rates : 100%       1	30	Market rally, Inflation 1	Spot : 5% ; Credit : -25% ; Vol : -10% ; Rates : 50%	1.09%
33       Market rally, Inflation 4       Spot : 10%; Credit : -25%; Vol : -10%; Rates : 50%       2         34       Market rally, Inflation 5       Spot : 10%; Credit : -25%; Vol : 0%; Rates : 50%       3         35       Market rally, Inflation 6       Spot : 10%; Credit : -25%; Vol : 10%; Rates : 50%       3         36       Market rally, Inflation 7       Spot : 5%; Credit : -25%; Vol : -10%; Rates : 100%       1         37       Market rally, Inflation 8       Spot : 5%; Credit : -25%; Vol : 0%; Rates : 100%       1         38       Market rally, Inflation 9       Spot : 5%; Credit : -25%; Vol : 10%; Rates : 100%       1	31	Market rally, Inflation 2	Spot : 5% ; Credit : -25% ; Vol : 0% ; Rates : 50%	1.40%
34       Market rally, Inflation 5       Spot : 10% ; Credit : -25% ; Vol : 0% ; Rates : 50%       35         35       Market rally, Inflation 6       Spot : 10% ; Credit : -25% ; Vol : 10% ; Rates : 50%       36         36       Market rally, Inflation 7       Spot : 5% ; Credit : -25% ; Vol : -10% ; Rates : 100%       37         37       Market rally, Inflation 8       Spot : 5% ; Credit : -25% ; Vol : 0% ; Rates : 100%       37         38       Market rally, Inflation 9       Spot : 5% ; Credit : -25% ; Vol : 10% ; Rates : 100%       37	32	Market rally, Inflation 3	Spot : 5% ; Credit : -25% ; Vol : 10% ; Rates : 50%	1.66%
35       Market rally, Inflation 6       Spot : 10% ; Credit : -25% ; Vol : 10% ; Rates : 50%       33         36       Market rally, Inflation 7       Spot : 5% ; Credit : -25% ; Vol : -10% ; Rates : 100%       34         37       Market rally, Inflation 8       Spot : 5% ; Credit : -25% ; Vol : 0% ; Rates : 100%       35         38       Market rally, Inflation 9       Spot : 5% ; Credit : -25% ; Vol : 10% ; Rates : 100%       36	33	Market rally, Inflation 4	Spot : 10% ; Credit : -25% ; Vol : -10% ; Rates : 50%	2.54%
36       Market rally, Inflation 7       Spot : 5%; Credit : -25%; Vol : -10%; Rates : 100%       1         37       Market rally, Inflation 8       Spot : 5%; Credit : -25%; Vol : 0%; Rates : 100%       1         38       Market rally, Inflation 9       Spot : 5%; Credit : -25%; Vol : 10%; Rates : 100%       1	34	Market rally, Inflation 5	Spot : 10% ; Credit : -25% ; Vol : 0% ; Rates : 50%	3.24%
37       Market rally, Inflation 8       Spot : 5% ; Credit : -25% ; Vol : 0% ; Rates : 100%       1         38       Market rally, Inflation 9       Spot : 5% ; Credit : -25% ; Vol : 10% ; Rates : 100%       2	35	Market rally, Inflation 6	Spot : 10% ; Credit : -25% ; Vol : 10% ; Rates : 50%	3.52%
38         Market rally, Inflation 9         Spot : 5% ; Credit : -25% ; Vol : 10% ; Rates : 100%         2	36	Market rally, Inflation 7	Spot : 5% ; Credit : -25% ; Vol : -10% ; Rates : 100%	1.56%
	37	-	Spot : 5% ; Credit : -25% ; Vol : 0% ; Rates : 100%	1.80%
39         Market rally, Inflation 10         Spot: 10% ; Credit: -25% ; Vol: -10% ; Rates: 100%			• • • • • •	2.84%
			• • • • • •	3.76%
			-	4.04%
	41		Spot : 10% ; Credit : -25% ; Vol : 10% ; Rates : 100%	4.31%
Worst		Worst		-0.41%

st We changed our methodology for bumping rate curve to be more in line with the market reality

#### **Hedge Funds Liquidation Stress Tests**

Stress tests' scenarios have been improved in order to take into account liquidity issues. This scenario aims at reflecting, to some extent, how the fund would react in distressed market environment (as was the case in late 2008). These stress tests combine the three following adjustments:

#### Small and mid caps adjustment

In certain market conditions, small and mid caps beta may become much higher than its level in normal market conditions and thus the hedging of such positions may not be effective. To address this kind of circumstance we apply a corrective factor to the beta of small and mid caps. The factor applied on mid caps is 1.5 and 2 on small caps.

#### Risk arbitrage adjustment

The risk of risk arbitrage positions is taken into account differently in case the market drops by more than 10%. We consider that one third of risk arbitrage positions will collapse.

#### Liquidity adjustment

An average discount (realized in 2008) is applied to bond, convertible bond (including mandatory convertible bond) and loan prices in case credit spreads widen by more than 25%.

Mandatories:	Adj. price = Max(Shifted Price – 5% * Max(Credit spread shift – 25%, 0), Parity)
Others :	Adj. price = Max(Shifted Price – 5% * Max(Credit spread shift – 25%, 0), 0)

	Conneria	Description	Impact
	Scenario	Description	% of NAV
1	Delta - spot up	Spot : 10% ; Credit : 0% ; Vol : 0% ; Rates : 0%	3.18%
2	Delta - spot down	Spot : -10% ; Credit : 0% ; Vol : 0% ; Rates : 0%	0.11%
3	Vega - vol up	Spot : 0% ; Credit : 0% ; Vol : 10% ; Rates : 0%	0.33%
4	Vega - vol down	Spot : 0% ; Credit : 0% ; Vol : -10% ; Rates : 0%	-0.29%
5	Credit spread widen	Spot : 0% ; Credit : 25% ; Vol : 0% ; Rates : 0%	-0.12%
6	Credit spread tighten	Spot : 0% ; Credit : -25% ; Vol : 0% ; Rates : 0%	0.13%
7	Market crash 0.5	Spot : -5% ; Credit : 25% ; Vol : 15% ; Rates : 0%	0.05%
8	Market crash 1	Spot : -10% ; Credit : 50% ; Vol : 30% ; Rates : 0%	0.06%
9	Market crash 2	Spot : -20% ; Credit : 75% ; Vol : 50% ; Rates : 0%	-1.53%
10	Market crash 3	Spot : -30% ; Credit : 100% ; Vol : 70% ; Rates : 0%	-1.40%
11	Market crash, rates down 1	Spot : -10% ; Credit : 50% ; Vol : 30% ; Rates : -50%	-0.40%
12	Market crash, rates down 2	Spot : -20% ; Credit : 75% ; Vol : 50% ; Rates : -50%	-1.99%
13	Market crash, rates down 3	Spot : -30% ; Credit : 100% ; Vol : 70% ; Rates : -50%	-1.86%
14	Market crash, rates up 1	Spot : -10% ; Credit : 50% ; Vol : 30% ; Rates : 50%	0.56%
15	Market crash, rates up 2	Spot : -20% ; Credit : 75% ; Vol : 50% ; Rates : 50%	-1.03%
16	Market crash, rates up 3	Spot : -30% ; Credit : 100% ; Vol : 70% ; Rates : 50%	-0.44%
17	Equity Credit decorrelation 1	Spot : 5% ; Credit : 25% ; Vol : 0% ; Rates : 0%	1.17%
18	Equity Credit decorrelation 2	Spot : 5% ; Credit : 25% ; Vol : 10% ; Rates : 0%	1.48%
19	Equity Credit decorrelation 3	Spot : 5% ; Credit : 25% ; Vol : -10% ; Rates : 0%	0.87%
20	Equity Credit decorrelation 4	Spot : -5% ; Credit : -25% ; Vol : 10% ; Rates : 0%	0.16%
21	Equity Credit decorrelation 5	Spot : -5% ; Credit : -25% ; Vol : -10% ; Rates : 0%	-0.33%
22	Equity Credit decorrelation 6	Spot : 0% ; Credit : 25% ; Vol : 10% ; Rates : 0%	0.21%
23	Equity Credit decorrelation 7	Spot : 0% ; Credit : 25% ; Vol : -10% ; Rates : 0%	-0.41%
24	Market rally 1	Spot : 5% ; Credit : -25% ; Vol : -10% ; Rates : 0%	1.12%
25	Market rally 2	Spot : 5% ; Credit : -25% ; Vol : 0% ; Rates : 0%	1.42%
26	Market rally 3	Spot : 5% ; Credit : -25% ; Vol : 10% ; Rates : 0%	1.68%
27	Market rally 4	Spot : 10% ; Credit : -25% ; Vol : -10% ; Rates : 0%	3.00%
28	Market rally 5	Spot : 10% ; Credit : -25% ; Vol : 0% ; Rates : 0%	3.28%
29	Market rally 6	Spot : 10% ; Credit : -25% ; Vol : 10% ; Rates : 0%	3.56%
30	Market rally, Inflation 1	Spot : 5% ; Credit : -25% ; Vol : -10% ; Rates : 50%	1.61%
31	Market rally, Inflation 2	Spot : 5% ; Credit : -25% ; Vol : 0% ; Rates : 50%	1.85%
32	Market rally, Inflation 3	Spot : 5% ; Credit : -25% ; Vol : 10% ; Rates : 50%	2.11%
33	Market rally, Inflation 4	Spot : 10% ; Credit : -25% ; Vol : -10% ; Rates : 50%	3.44%
34	Market rally, Inflation 5	Spot : 10% ; Credit : -25% ; Vol : 0% ; Rates : 50%	4.13%
35	Market rally, Inflation 6	Spot : 10% ; Credit : -25% ; Vol : 10% ; Rates : 50%	4.41%
36	Market rally, Inflation 7	Spot : 5% ; Credit : -25% ; Vol : -10% ; Rates : 100%	2.01%
37	Market rally, Inflation 8	Spot : 5% ; Credit : -25% ; Vol : 0% ; Rates : 100%	2.25%
38	Market rally, Inflation 9	Spot : 5% ; Credit : -25% ; Vol : 10% ; Rates : 100%	3.29%
39	Market rally, Inflation 10	Spot : 10% ; Credit : -25% ; Vol : -10% ; Rates : 100%	4.66%
40	Market rally, Inflation 11	Spot : 10% ; Credit : -25% ; Vol : 0% ; Rates : 100%	4.93%
41	Market rally, Inflation 12	Spot : 10% ; Credit : -25% ; Vol : 10% ; Rates : 100%	5.21%
	Worst		-1.99%

Annex 7: IFRS 13 Classification as of 30 September 2018							
	% of NAV	Number of positions					
Assets							
Level 1	34.4%	161					
Level 2	48.8%	2362					
Level 3	1.7%	15					
Cash & cash equivalents	76.0%	21					
Total Assets	160.8%	2559					
Liabilities							
Level 1	-57.5%	143					
Level 2	-3.3%	75					
Total Liabilities	-60.8%	218					
Total Assets + Liabilities	100.0%	2777					

	% of NAV
Encumbered cash and cash equivalents	
<ul> <li>Cash - Derivatives Clearing Organisation</li> </ul>	5.5%
<ul> <li>Cash - Counterparties</li> </ul>	4.6%
<ul> <li>Money market fund</li> </ul>	1.4%
<ul> <li>Cash covering a short market value</li> </ul>	23.1%
Unencumbered cash and cash equivalents	
<ul> <li>Cash covering a short market value</li> </ul>	34.8%
<ul> <li>Short-term papers &lt; 90 days</li> </ul>	6.6%
- Excess cash	0.0%
Total Cash and cash equivalents	76.0%

In compliance with AIFMD, BGIM will report in the newsletter the information hereafter:

• The percentage of assets which are subject to special arrangements arising from their illiquid nature:

#### Nothing to report

• Any new arrangements for managing the liquidity of the AIF:

#### Nothing to report

• The current risk profile of the AIF and a description of the risk management systems employed by BGIM to manage market risk, liquidity risk, counterparty risk and other risks, including operational risk:

Please refer to this newsletter for the current risk profile of the Fund.

The backbone of the portfolio and risk management systems at BGIM relies on several components all interfaced together to ensure a full Straight Through Processing. The main system is FusionInvest provided by Misys used for position keeping and risk management. FusionInvest is interfaced to a real time market data vendor for real time P&L and risk calculation. Another key system is Trade Smart, the Execution Management System provided by Trading Screen that is interfaced to an in-house implemented Order Management System, itself connected in real time to FusionInvest. All figures used for qualitative and quantitative risk management are produced out of FusionInvest.

• The gross investment exposure of the Company at any time may represent a maximum of 2 times the Net Asset Value at the time of investment.

	Maximum limit	Current usage
Commitment method	200%	114%
Gross method	200%	115%

#### Disclaimer

The Company is established as a closed-ended investment company domiciled in Guernsey. The Company has received the necessary approval of the Guernsey Financial Services Commission and the States of Guernsey Policy Council. The Company is registered with the Dutch Authority for the Financial Markets as a collective investment scheme pursuant to article 2:73 in conjunction with 2:66 of the Dutch Financial Supervision Act (Wet op het financieel toezicht). The shares of the Company (the "Shares") are listed on Euronext Amsterdam. The Shares are also listed on the Official List of the UK Listing Authority and admitted to trading on the London Stock Exchange plc's main market for listed securities.

This is not an offer to sell or a solicitation of any offer to buy any securities in the United States or in any other jurisdiction. This announcement is not intended to and does not constitute, or form part of, any offer or invitation to purchase any securities or the solicitation of any vote or approval in any jurisdiction, nor shall there be any sale, issuance or transfer of the securities referred to in this announcement in any jurisdiction in contravention of applicable law.

Neither the Company nor BG Fund has been, and neither will be, registered under the US Investment Company Act of 1940, as amended (the "Investment Company Act"). In addition the securities referenced in this announcement have not been and will not be registered under the US Securities Act of 1933, as amended (the "Securities Act"). Consequently any such securities may not be offered, sold or otherwise transferred within the United States or to, or for the account or benefit of, US persons except in accordance with the Securities Act or an exemption therefrom and under circumstances which will not require the issuer of such securities to register under the Investment Company Act. No public offering of any securities will be made in the United States.

You should always bear in mind that:

- all investment is subject to risk;

- results in the past are no guarantee of future results;

- the investment performance of BGHL may go down as well as up. You may not get back all of your original investment; and

- if you are in any doubt about the contents of this communication or if you consider making an investment decision, you are advised to seek expert financial advice.

This communication is for information purposes only and the information contained in this communication should not be relied upon as a substitute for financial or other professional advice.

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