Market Comment | Financial markets resilient despite slump in oil prices

Global Financial Markets Unit 29 Nov 2016

BBVA Research

- Financial markets showed lower volatility, with main stock prices showing gains, despite the abrupt slump in oil prices, which dragged down EM currencies. Sovereign bond yields showed no clear trend. The major market-sensitive events were the following:
- Italian markets outperformed on reports that the ECB may temporarily speed up its Italian bond purchases, in case the Italian referendum outcome rocks the markets (see). Italian equity index led the rises while sovereign yields fell significantly.
- Oil prices slumped as Iran and Iraq showed reluctance to approve a Saudi-proposed deal to curtail oil production ahead of tomorrow's OPEC meeting in Vienna (see).
- Upward revision of US Q316 GDP growth from 2.9% to 3.2% annualised rate, according to the US Department of Commerce (see). US Treasury yields rose appreciably and the USD strengthened, rising above its already high levels.

Update 18:0 CET 29 November, 2016 Table 1



D'ebt markets	(10Y,%,ch	anges in t	p)		
Developed Markets US (2-yr)	level 1.10	Daily 0.4	Week 1.6	Month 25	9TD 6
US GER (2-yr)	2.33 -0.75 0.22	1.4 0.4	1.5 -1.5	48 -13	6 -41 -41
Germany France	0.70	1.9 -6.7	0.3 -0.8	6 23	-29
Spain Italy	1.51 1.95	-5.0 -12.0	-1.3 -7.7	28 36	-26 35
Portugal Greece	3.62 6.94	1.7 -4.0	-1.0 3.1	28 -146	110 -135
Japan (2-yr) Japan	-0.17 0.02	-2.4 -1.3	-1.6 6.2 Weekly	7 -25	-16 -25
Emerging Markets Brazil	level 11.97	Daily -0.9	10.6	Monthly 56	YTD -454
Chile Colombia	4.65 7.31	0.0 -22.2 0.1	3.9 -39.0	36 2	-3 -134
Mexico Peru	7.35 6.30	-3.7	-3.7 -10.7	109 58	108 -118
Poland Russia	3.59 8.93	8.8 5.5	7.5 16.1 -8.0	47 34	65 -63
T urkey India	10.77 6.32	-2.0 631.9	0.9	92 -48	30 -144
Indonesia Country ris	8.20	-5.5 es in bp)	27.0	92	-54
Developed Markets 10-yr so vereign spread vs Germany	level	Daily	Weekly	Monthly	YTD
France	48	-8.6	-1.1	18	12
Italy Portugal	172 339	-13.9 -0.2	-1.3	31 22	76 151
Spain 2-yr so vereign spread vs Germany	129	-6.9	-1.6	22	15
France Italy	12 83	-2.1 -2.4	-2.1 7.1 -5.7	9 22	9 52
Portugal Spain	110 65	0.1 -0.5	-5.7 9.0	15 18	65 30
Emerging Markets 5-yr sovereign CDS *	level	Daily	Weekly	Monthly	YTD
Brazil	296	-6	-6	26	-196
Chile Colombia	93 194	-2 -6	-3 -8	23	-34 -45
Mexico Peru	185 121	-3 -4	-6 -2	36 18	15 -65
Venezuela Poland	4,423 83	160 0	430 1	695 8	-1620 11
Russia Turkey	222 289	-5	-3 4	-2 41	-80 16
China India	119	0	- 4	14	10 -6
Indonesia	192 174 k indicators	0	-4	24	-52
Volatilty indicators (%)	level	Daily	Weekly	Monthly	YTD
VIX VST OXX	13 22	-2.9 -3.3	3	-21 13	-5 0
EM EFT volatility Index Dollar/euro volatility	22 11	-1.6 2.4	7	-6 51	-5 11
EM FX volatility index Credit spread (BAA) (bps)	11 246	-2.7	1	12	-4 -77
US bonds volatility index Banking 5y CDS (bps) *	246 79 level	-1.2	-o 3 Waakhy	22	-77 16 YTD
US	75	Daily 1.8	Weekly 2	Monthly 1	0
EZ UK	138 106	4.0 2.7	5 3	24 7	54 28
Large Spanish Medium Spanish	148 171	3.5 2.0	4	31 16	11 13
Corporate 5y CDS (bps) * US Non-financial	level	Daily	Weekly	Monthly	YTD
EZ Non-financial	109	4.0	5	24	54
UK Non-financial Interbank mar	132 kets (%, che	1.8 Inges in b	-6))	-3	-60
EONIA Index	level -0.35	Daily 0.00	Weekly 0.0	Monthly 0.0	YTD -0.2
Euribor 3m Euribor 12m	-0.31 -0.08	0.00 0.00	0.0 0.0	0.0	-0.2 -0.1
Libor 3m Libor 12m	0.94	0.00	0.0	0.0	0.3
EZ TED spread 3m	49.2	0.80	0.0 1.5	0.1 -7.1	8.4
Stoc	k markets (
Main indices S&P500	level 2.208	Daily 0.3	Weekly 0.2	Monthly 4	YTD 8
Dow Jones Nikkel	19,131 18,307	0.2 -0.3	0.6 0.8	5 5	10
FTSE 100 EuroStoxx 50	6.772 3.038	-0.4 0.7	-0.7 -0.2	-3 -1	8 -7
IBEX	8.648	0.3	0.0	-6	-9
		0.4	-0.0		-4
DAX CAC	10.620 4.551	0.4	-0.9 0.0	-1	-1
DAX CAC MIB ASE Athens	10.620 4.551 16,539 611	0.4 0.9 2.0 1.1	0.0 0.1 -3.3	0 -5 4	-2 -23 -3
DAX CAC MIB ASE Athens MSCI Latam * Ibovespa (Brazil)	10.620 4.551 16.539 611 73.675 61.993	0.4 0.9 2.0 1.1 1.2 -1.4	0.0 0.1 -3.3 2.1 0.1	0 -5 4 -4 -4	-2 -23 -3 24 43
DAX CAC MIB ASE Athens MSCI Latam * Ibovespa (Brazi) Mecbol MSCI EM Europe *	10.620 4.551 16,539 611 73,675 61.993 45,406 4.633	0.4 0.9 2.0 1.1 1.2 -1.4 -0.1 -0.4	0.0 0.1 -3.3 2.1 0.1 1.2 0.8	0 -5 4 -4 -4 -5 2	-2 -23 -3 24 43 6 9
DAX CAC MB ASE Athens MSCI Latam * Ibovespa (Brazil) MetXoli MetXoli Mot ME Lerope * Poland Micro (Russia)	10,620 4,551 16,539 611 73,675 61,993 45,406 4,633 1,780 2,087	0.4 0.9 2.0 1.1 1.2 -1.4 -0.1	0.0 0.1 -3.3 2.1 0.1 1.2 0.8 0.2 1.0	0 -5 4 -4 -4 -5	-2 -23 -3 24 43 6
DAX CAC CAC ASE Attents MSCL Attam * Iboverspe (Braz0) Medbol MSCL ME Lurope * Polend Micor (Russka) Ise 100 (Turkey) Micor (Russka)	10,620 4,551 16,539 611 73,675 61,993 45,406 4,633 1,780 2,087 74,205	0.4 0.9 2.0 1.1 1.2 -1.4 -0.1 -0.4 0.2 -0.4 -1.0	0.0 0.1 -3.3 2.1 0.1 1.2 0.8 0.2 1.0	0 -5 4 -4 -4 -5 2 -2	-2 -23 -3 24 43 6 9 -4 18 3
DAX CAC ASE Attens MSG Latam* Ibovepsa Gaz@ Metodi Metodi Netodi	10,620 4,551 16,539 611 73,675 61,993 45,406 4,633 1,780 2,087 74,205 698 3,283	0.4 0.9 2.0 1.1 1.2 -1.4 -0.1 -0.4 0.2 -0.4 -1.0 0.6 0.2	0.0 0.1 -3.3 2.1 0.1 1.2 0.8 0.2 1.0 -2.1 2.0 1.1	0 -5 4 -4 -5 2 -2 5 -5 -3 6	-2 -23 -3 24 43 6 9 -4 18 3 6 -7
DAX CAC CAC MIB SAS_Afters MSGLatam* borceps direct Modol Modol Modol Horops direct Horops Ho	10.620 4.551 16.539 611 73.675 61.993 45.406 4.633 1.780 2.087 74.205 698 3.283 5.137 Ievel	0.4 0.9 2.0 1.1 1.2 -1.4 -0.1 -0.4 0.2 -0.4 -1.0 0.6 0.2 0.3 Daily	0.0 0.1 -3.3 2.1 0.1 1.2 0.8 0.2 1.0 -2.1 2.0 1.1 -0.2 Weekly	0 -5 4 -4 -5 2 -2 -2 5 -5 -3 6 -5 Monthly	-2 -23 -3 24 43 6 9 -4 18 3 6 -7 12 YTD
DAX CAC CAC MID: Alternary MiSCI Latam MiSCI Latam MisCI Miscan MisCI MisCi Miscan MisCI MisCi MisCi Miscan MisCI MisCi MisCi MisCi Miscan MisCI MisCi MisCi MisCi MisCi Miscan MisCI MisC	10.620 4.551 16,539 611 73.675 61,993 45.065 4.633 1.780 2.087 74.205 698 3.283 5.137 ievel 108.2 79.1	0.4 0.9 2.0 1.1 1.2 -1.4 -0.1 -0.4 0.2 -0.4 -1.0 0.6 0.2 0.3 Daily 0.9 1.0	0.0 0.1 -3.3 2.1 1.2 0.8 0.2 1.0 -2.1 2.0 1.1 -0.2 Weekly 0.5 0.7	0 -5 4 -4 -5 2 -2 5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -	-2 -23 -3 24 43 6 9 -4 18 3 6 -7 12 YTD 15 20
DAX CAC CAC AND MID ANGLIATER ANGLIA	10.620 4.551 16.539 611 73.675 61.993 45.406 4.633 1.780 2.087 74.205 698 3.283 5.137 icvel 108.2 79.1 55.8 20.5	0.4 0.9 2.0 1.1 1.2 -1.4 -0.1 -0.4 -1.0 0.6 0.2 0.3 Daily 0.9 1.0 0.6 1.0	0.0 0.1 -3.3 2.1 0.1 1.2 0.8 0.2 1.0 -2.1 2.0 1.1 -0.2 Weekly 0.5 0.7 -0.5 1.0	0 -5 4 -4 -5 2 -2 -2 5 -5 -3 6 -5 -5 Monthly 19	-2 -23 -3 24 43 6 9 -4 18 3 6 -7 12 YTD 15 20 8 22
DAX CAC CAC MID DAX Software CAC AND DAX DAX DAX DAX DAX DAX DAX DAX DAX DA	10.620 4.551 16,539 611 73,675 61,993 45,406 4.633 1,780 2,087 74,205 698 3,283 5,137 108,2 79,1 108,2 79,1 108,2 79,1 105,8 20,5 40,9 212,5	0.4 0.9 2.0 1.1 1.2 -1.4 -0.4 -0.2 -0.4 -1.0 0.6 0.2 0.3 Daily 0.9 1.0 0.6 1.0 1.0 1.0	0.0 0.1 -3.3 2.1 0.1 1.2 0.8 0.2 1.0 -2.1 2.0 1.1 2.0 1.1 -0.2 Weekly 0.5 0.7 -0.5 1.0 0.8 0.6	0 -5 4 -4 -5 2 -2 5 -5 -3 6 -3 6 -5 Monthly 19 14 13 23 22 20	-2 -23 -3 -24 43 6 9 -4 18 3 6 -7 12 YTD 15 20 8 22 20 8 22 28 18
DAX CAC CAC AKA Aleres	10.620 4.551 16.539 61.1 73.675 61.993 45.406 4.633 1.780 2.087 74.205 698 3.283 5.137 level 108.2 79.1 108.2 79.1 108.2 79.1 108.2 79.1 55.8 20.5 40.9 212.5 88.4 454.4	0.4 0.9 2.0 1.1 1.2 -1.4 -0.1 -0.4 0.2 -0.4 -1.0 0.6 0.2 0.3 Daily 0.9 1.0 0.6 1.0 1.0	0.0 0.1 -3.3 2.1 0.1 1.2 0.8 0.2 1.0 -2.1 2.0 1.1 -0.2 Weekly 0.5 0.7 -0.5 1.0 0.8	0 -5 4 -4 -5 2 -2 5 -5 -3 6 5 -3 6 5 Monthly 19 14 13 22	-2 -23 -3 24 43 6 9 -4 18 3 6 -7 12 YTD 15 20 8 22 28
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DAX CAC CAC ADB CAC CAC DATA DATA DATA DATA DATA DATA D	10.620 4,551 16,539 611 73,675 41,5406 4,633 2,087 74,205 698 2,087 74,205 74,205 74,205 74,205 74,205 74,205 74,205 74,205 79,1 108,2 79,1 108,2 79,1 108,2 79,1 108,2 79,1 109,2 112,5 109,2 112,5 109,2 112,5 109,2 100,2 10,2 1	0.4 0.9 2.0 1.1 1.2 1.2 1.4 0.1 0.2 0.4 1.0 0.2 0.4 0.2 0.4 0.2 0.3 0.2 0.3 0.5 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	0.0 0.1 3.3 2.1 0.1 1.2 0.0 2.1 0.0 2.1 0.0 2.1 0.0 2.1 1.0 2.0 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 1.0 0.8 0.6 0.7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	0 -5 -4 -4 -5 -2 -2 -5 -5 -5 -5 -5 -5 -5 -5 -5 -7 -10 -11 -17 -17 -4 -1 -17 -4 -1 -17 -4 -1 -2 -2 -2 -2 -2 -2 -2 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3	-2 -23 -3 -24 -43 -6 -9 -4 -4 -8 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7
DAX CAC CAC ADB CAC CAC CAC CAC CAC CAC CAC CAC CAC CA	10.620 4,551 16,539 611 73.675 61.993 45,406 61.993 45,406 608 3,283 1,780 608 45,405 2,283 7,4205 608 45,40 9 2,283 7,4205 608 40,9 2,283 7,51 88,4 45,51 10,82 2,2 2,2 2,2 2,2 2,2 2,2 2,2 2,2 2,2	0.4 0.9 2.0 1.1 1.2 1.4 1.4 0.1 0.2 0.4 0.4 0.2 0.4 0.2 0.4 0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	0.0 0.1 3.3 2.1 1.2 0.1 1.2 0.1 0.2 1.0 2.1 0.2 1.0 2.1 0.2 1.0 2.1 0.2 1.0 0.2 1.0 0.2 1.0 0.2 1.0 0.2 1.0 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0	0 5 4 4 4 5 2 2 2 5 5 5 5 5 3 6 5 5 3 3 6 5 5 7 10 14 13 22 20 3 1 1 7 7 10 5 5 6 7 11 7 7 10 5 5 6 7 14 14 9 2 2 2 5 5 5 7 3 16 6 5 7 2 7 2 5 5 5 7 3 16 6 5 7 7 2 7 5 5 7 3 16 6 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	-2 -23 -3 -24 -43 -6 -9 -4 -18 -3 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7
DAX CAC ACA AND CACA AND ASSUPENT ASSUP	10.620 4551 16.539 611 73.675 61.993 45.406 61.993 45.406 698 3.283 7.780 698 3.283 7.780 698 45.32 7.4205 5.137 7.4205 5.137 7.4205 5.137 7.4205 8.64 9.55 8.64 9.55 8.64 9.70 9.70 9.70 9.70 9.70 9.70 9.70 9.70	0.4 0.9 2.0 1.1 1.2 1.4 4.0.1 0.2 0.2 0.4 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.3 0.2 0.3 0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	0.0 0.1 3.3 2.1 1.2 0.1 1.2 0.1 0.2 1.0 0.2 1.0 0.2 1.0 0.2 1.0 0.2 1.0 0.2 1.0 0.2 1.0 0.2 1.0 0.2 1.0 0.2 1.0 0.2 1.0 0.2 1.0 0.2 1.0 0.2 1.0 0.2 1.0 0.2 1.0 0.2 1.0 0.2 1.0 0.2 1.0 0.2 0.2 0.7 0.2 0.7 0.2 0.2 0.7 0.7 0.2 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0 5 4 4 4 5 2 2 2 5 5 5 3 6 5 5 3 3 6 5 5 3 3 6 5 7 10 14 13 22 20 3 1 1 4 13 22 20 3 11 7 7 10 5 5 5 5 11 4 14 5 2 2 5 5 5 5 5 3 6 5 5 7 2 7 5 5 5 5 7 3 8 6 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	-2 -23 -3 -3 -24 -4 -4 -3 -5 -7 -12 -7 -7 -12 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7
DAX CAC CAC AND AND AND CAC AND	10.620 4551 16.539 611 73.675 45.4633 1.780 5.2087 74.205 5.2087 40.9 5.637 40.9 5.637 40.9 5.637 40.9 5.637 40.9 5.637 40.9 5.637 40.9 7.0 5.638 40.9 1.9 7.0 5.638 40.9 1.9 7.0 5.638 40.9 1.9 7.0 5.638 40.9 1.9 7.0 5.638 40.9 1.9 7.0 5.638 40.9 1.9 7.0 5.638 40.9 1.9 7.0 5.638 40.9 7.0 5.638 40.9 7.0 5.638 40.9 7.0 5.638 40.9 7.0 5.638 40.9 7.0 5.638 40.9 7.0 5.638 40.9 7.0 5.638 40.9 7.0 5.638 40.9 7.0 5.638 40.9 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0	0.4 0.9 2.0 1.1 1.2 1.4 0.4 0.2 0.2 0.4 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	0.0 0.1 3.3 2.1 0.8 0.2 1.0 1.0 0.8 0.2 1.0 1.0 1.0 0.2 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 1.0 0.8 0.2 0.7 0.5 0.7 1.0 0.8 0.8 0.2 0.7 0.5 0.7 1.0 0.8 0.8 0.7 0.5 0.7 0.5 0.7 1.0 0.8 0.6 0.7 0.5 0.7 1.0 0.8 0.6 0.7 0.5 0.7 1.0 0.8 0.6 0.5 0.7 1.0 0.8 0.6 0.5 0.7 1.0 0.8 0.6 0.5 0.7 1.0 0.8 0.6 0.5 0.7 1.0 0.8 0.6 0.5 0.7 1.0 0.8 0.6 0.5 0.7 1.0 0.8 0.6 0.5 0.7 1.0 0.8 0.6 0.5 0.7 1.0 0.8 0.6 0.5 0.7 1.0 0.8 0.6 0.5 0.7 1.0 0.8 0.6 0.5 0.7 1.0 0.8 0.6 0.5 0.7 1.0 0.8 0.6 0.5 0.7 1.0 0.8 0.6 0.5 0.7 1.0 0.8 0.6 0.5 0.7 1.0 0.8 0.6 0.5 0.7 1.0 0.8 0.6 0.5 0.7 1.0 0.8 0.8 0.8 0.9 0.9 0.4 1.1 1.1 0.2 0.9 0.4 1.1 1.3 0.6 0.5 0.7 1.0 0.5 0.7 1.0 0.8 0.5 0.7 1.0 0.8 0.8 0.9 0.9 0.4 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.5 0.7 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0 5 4 4 4 5 5 5 5 5 5 3 6 5 7 3 6 5 7 3 6 5 7 10 10 5 6 7 10 5 5 6 7 10 10 5 5 7 10 10 5 7 20 20 3 1 1 7 20 20 20 20 20 20 20 20 20 20 20 20 20	-2 -3 -3 -3 -4 -4 -4 -4 -4 -3 -7 -7 -1 -1 -7 -7 -7 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
DAX CAC CAC ADB CAC CAC DATA CAC CAC CAC CAC CAC CAC CAC CAC CAC	10.620 4551 16.539 611 73.675 61.993 45.406 61.993 45.406 93.283 2.087 74.205 7	0.4 0.9 2.0 1.1 1.2 1.4 4.4 0.1 1.2 0.4 0.4 0.2 0.2 0.4 0.4 0.2 0.2 0.3 0.2 0.2 0.3 0.2 0.3 0.4 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	0.0 0.1 -3.3 2.1 0.1 1.2 2.0 0.1 0.2 0.1 0.2 0.2 0.7 0.5 0.7 0.5 0.7 0.7 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0 -5 -5 -4 -4 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	-2 -23 -3 -3 -24 43 6 9 -4 18 3 6 -7 -7 12 20 8 -7 12 20 8 -7 22 8 -28 18 -35 2 28 18 -4 -4 -2 -35 1 -34 -4 -2 -28 -12 -28 -28 -28 -29 -29 -29 -29 -29 -29 -29 -29 -29 -29
DAX CAC CAC CAC CAC CAC CAC CAC CAC CAC C	10.620 4551 16.539 611 73.675 61.993 45.406 61.993 45.405 7.4205 62.205 7.4205 62.205 7.4205 62.125 84.4 100.7 7.4205 63.18 84.4 100.7 9.1 75.8 84.4 10.7 9.1 75.8 84.4 10.7 9.1 75.8 84.4 10.7 9.1 75.8 84.4 10.7 9.7 17.5 8 8.4 10.7 9.7 17.5 8 8.4 10.7 9.7 17.5 8 8.4 10.7 9.7 17.5 8 8.4 10.7 9.7 17.5 8 8.4 10.7 9.7 17.5 8 8.4 10.7 9.7 17.5 8 8.4 10.7 9.7 17.5 8 8.4 10.7 9.7 17.5 8 8.4 10.7 9.7 17.5 8 8.4 10.7 9.7 17.5 8 8.4 10.7 9.7 17.5 8 8.4 10.7 9.7 17.5 8 8.4 10.7 9.7 17.5 8 8.4 10.7 9.7 17.5 8 8.4 10.7 9.7 17.5 8 8.4 10.7 9.7 17.5 8 8.4 10.7 9.7 17.5 8 8.4 10.7 8 9.7 17.5 8 9.7 17.5 8 9.7 17.5 8 9.7 17.5 8 9.7 17.5 8 9.7 17.5 8 9.7 17.5 8 9.7 17.5 8 9.7 17.5 8 9.7 17.5 8 9.7 17.5 8 9.7 17.5 17.5 17.5 17.5 17.5 17.5 17.5 17	0.4 0.9 2.0 0.9 2.0 1.1 1.2 1.4 4.0 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0	0.0 0.1 3.3 2.1 0.1 1.2 0.8 0.2 1.1 2.1 0.2 0.2 1.1 2.1 0.2 2.1 0.2 2.1 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	0 -5 -4 -4 -4 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	-2 -3 -3 -3 -4 -4 -4 -4 -4 -3 -7 -7 -1 -1 -7 -7 -7 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
DAX CAC SAC SAC SAC SAC SAC SAC SAC SAC SAC	10.620 4551 4551 611 73.675 611 61.993 45.403 45.403 45.403 45.403 7.4205 7.420	0.4 0.9 2.0 1.1 1.2 1.4 4.4 0.1 1.2 1.4 4.1 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.6 0.2 0.3 0.3 0.6 1.0 0.6 0.6 1.0 1.0 0.6 0.4 0.1 1.2 1.0 0.4 0.4 1.0 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0	0.0 0.1 3.3 2.1 0.1 1.2 0.8 0.2 1.0 2.1 0.2 1.0 2.1 0.2 1.0 2.1 0.2 1.0 2.1 0.2 1.0 2.1 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	0 5 4 4 4 4 5 2 2 5 5 5 5 5 5 5 5 5 5 5 5 5	2 23 3 24 43 6 9 4 43 6 9 4 18 3 6 7 7 12 15 22 8 8 22 28 8 4 4 2 28 18 14 4 2 28 18 14 4 2 28 18 13 20 4 4 13 20 4 4 18 20 4 4 3 5 6 7 7 7 12 14 20 4 4 3 6 6 7 7 7 12 14 18 6 9 9 4 4 18 6 9 7 7 7 12 19 18 18 6 9 9 4 4 18 3 3 6 7 7 7 12 19 18 19 19 4 19 19 19 19 19 19 19 19 19 19 19 19 19
DAX CAC ACAC MINE MACILLIAN MACILLIA	10.620 4551 16.539 611 73.675 611 61.993 45.405 2.087 74.205 608 8.137 74.205 608 8.137 74.205 608 8.4 40.5 9.1 74.205 608 8.4 40.5 9.1 74.205 608 8.4 40.5 9.1 72.0 74.205 608 8.4 40.5 9.1 72.0 74.205 608 74.205	0.4 0.9 2.0 1.1 1.2 1.4 4.1 0.1 1.2 1.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0	0.0 0.1 3.3 2.1 0.1 1.2 0.2 1.0 2.0 0.2 1.0 2.0 1.0 0.2 1.1 0.2 1.1 0.2 1.1 0.2 2.1 1.0 2.0 0.7 0.5 3.1 1.0 0.7 0.5 3.1 1.0 0.7 0.5 0.7 0.5 0.7 1.0 0.7 0.7 0.5 0.7 0.7 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0 5 4 4 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5	-2 -23 -3 -3 -24 -4 -4 -3 -5 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7
DAX CAC ACAC MID MACILLIAN	10.620 4551 16.539 611 73.675 611 61.995 61.	0.4 0.9 2.0 1.1 1.2 1.4 4.1 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	0.0 0.1 3.3 2.1 0.1 1.2 0.2 1.0 2.0 0.2 1.0 2.1 1.2 0.2 1.0 0.2 1.1 1.2 0.2 1.0 0.2 1.1 0.2 0.7 0.5 0.7 0.5 0.7 0.7 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0 -5 -4 -4 -4 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	2 23 3 24 43 6 9 4 4 3 6 9 4 4 3 6 7 7 170 15 6 20 20 20 20 20 20 20 20 20 20 20 20 20
DAX CAC LONG	10.620 4.551 16.519 511 7.1965 4.5406 4.633 4.5406 4.633 6.980 7.4205 5.5137 7.4205 5.5137 7.4205 5.5137 7.95.1 10.8.2 7.95.1 10.8.2 7.95.1 10.8.2 7.95.1 8.544 10.7 2.065 7.95.2 6.31.8 8.54 4.37 10.9.2 9.30 7.95 6.31.8 5.4 4.3 7.95 6.31.8 5.4 7.95 6.31.8 5.4 4.3 7.95 6.31.8 7.95 6.31.8 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0	0.4 0.9 0.9 2.0 1.1 1.2 1.4 4.1 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	0.0 0.1 	0 -5 -4 -4 -5 -5 -3 -3 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	-2 -23 -3 -3 -24 -43 -6 -9 -4 -4 -18 -3 -6 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7
DAX CAC ACAC MINE MACILLIAN MACILLIN	10.620 4.551 16.519 7.195 7.19	0.4 0.9 0.9 2.0 1.1 1.2 1.4 4.1 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	0.0 0.1 -3.3 2.1 0.1 1.2 0.2 0.2 1.0 0.2 2.0 0.2 2.1 0.2 2.1 0.2 2.1 1.2 2.0 0.2 2.1 1.2 2.0 0.2 2.1 1.2 2.0 0.2 2.1 1.2 2.0 0.2 2.1 0.2 2.1 0.2 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2	0 -5 -4 -4 -4 -5 -2 -2 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -7 -7 -7 -1 -1 -1 -1 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	2 23 3 3 4 4 4 3 6 6 9 9 4 4 4 3 6 7 7 12 15 12 8 8 22 8 8 22 8 8 8 4 4 2 28 18 4 4 2.2 8 18 14 12 15 12 20 8 8 22 8 8 22 8 12 14 10 6 6 9 9 9 9 9 9 12 14 10 6 9 9 9 9 12 14 10 10 9 9 9 9 9 9 12 11 15 20 12 10 15 20 12 10 15 20 12 10 15 20 20 12 10 15 20 20 12 15 20 20 20 12 15 20 20 20 20 20 20 20 20 20 20 20 20 20
DAX CAC CAC MINE MACILLIAN M	10.620 4.551 16.539 6.11 7.1955 4.5406 4.633 7.095 7.005 7.0	0.4 0.9 0.9 2.0 0.9 2.0 0.4 1.1 0.4 0.4 0.4 0.2 0.4 0.2 0.4 0.2 0.3 0.4 0.2 0.3 0.4 0.2 0.3 0.4 0.4 0.2 0.3 0.4 0.2 0.3 0.4 0.2 0.3 0.4 0.4 0.5 0.2 0.3 0.4 0.3 0.3 0.2 0.3 0.4 0.4 0.3 0.2 0.5 0.4 0.4 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.0 0.1 -3.3 2.1 0.1 1.2 0.2 1.0 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0 -5 -4 -4 -4 -5 -5 -2 -2 -2 -2 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -1 -1 -2 -2 -2 -3 -1 -1 -1 -2 -2 -2 -3 -3 -1 -1 -1 -2 -2 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3	2 2 3 3 4 4 4 3 6 6 9 9 4 4 3 6 6 7 7 12 15 15 20 8 2 2 4 4 3 6 6 7 7 12 15 15 20 8 2 2 2 4 4 3 6 6 7 7 12 20 8 2 2 2 4 4 3 6 7 7 12 2 2 0 8 2 2 2 2 2 2 2 2 2 2 2 2 2
DAX CAC CAC CAC CAC CAC CAC CAC CAC CAC C	10.620 4,551 4,551 6,1,932 6,1,935 6,1,935 7,1,937 7,205 7,205 7,207 7,2	0.4 0.9 0.9 2.0 0.9 2.0 1.1 1.1 0.4 0.4 0.4 0.2 0.4 0.4 0.2 0.3 0.4 0.2 0.3 0.4 0.2 0.3 0.4 0.5 1.2 0.5 1.2 0.5 1.2 0.5 0.5 0.5 0.2 0.5 0.4 0.1 1.1 0.2 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.0 0.1 	0 5 4 4 4 4 5 5 5 5 5 5 5 5 5 6 5 7 8 19 14 13 22 2 5 5 5 11 1 22 2 2 2 2 5 5 5 13 6 5 5 7 19 14 13 22 2 2 2 2 5 5 5 5 19 19 10 10 5 10 2 10 2 10 10 10 10 10 10 10 10 10 10 10 10 10	2 23 3 24 43 6 9 9 4 16 13 6 7 7 12 20 8 22 20 4 16 9 9 4 16 16 17 20 20 20 20 20 20 20 20 20 20
DAX CAC CAC CAC CAC CAC CAC CAC CAC CAC C	10.620 4,551 4,551 6,1,932 6,1,936 6,1,935 6,1,936 4,633 4,633 4,2,93 4,2,93 4,2,93 4,2,93 4,2,93 4,2,93 4,2,93 4,2,93 4,2,93 4,2,93 4,3 4,3 4,3 4,3 4,3 4,3 4,3 4,3 4,3 4,	0.4 0.9 0.9 2.0 0.9 2.0 0.9 2.0 0.9 0.9 0.1 0.1 0.1 0.2 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.1 -3.3 2.1 0.1 1.2 0.3 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	0 -5 -4 -4 -4 -4 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	-2 -23 -3 -24 -4 -4 -6 -9 -4 -4 -18 -3 -6 -7 -7 -7 -12 -8 -8 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7
DAX CAC CAC CAC CAC CAC CAC CAC CAC CAC C	10.620 4.551 16.519 6.1695 6.1695 6.1695 6.1695 6.1695 7.6098 7.200 7.0000 7.00000 7.00000 7.00000 7.00000 7.00000 7.00000 7.00000 7.0000000 7.00000000	0.4 0.9 0.9 2.0 0.9 2.0 0.9 2.0 0.9 0.0 0.1 0.1 0.1 0.2 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.1 3.3 2.1 0.1 2.1 1.2 0.2 1.2 0.2 0.2 0.2 0.2 0.2 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0 -5 -4 -4 -4 -4 -4 -2 -2 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	-2 -23 -3 -24 -4 -4 -4 -5 -2 -2 -4 -4 -4 -4 -2 -2 -2 -2 -1 -5 -2 -2 -2 -1 -5 -2 -2 -2 -2 -1 -5 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
DAX CAC CAC CAC CAC CAC CAC CAC CAC CAC C	10.620 4.551 16.519 61.695 61.995 76.195 76.195 76.195 76.195 76.195 76.195 76.195 76.195 76.195 77.7 78.108.2 78.108.2 78.108.2 78.108.2 78.108.2 78.108.2 78.108.2 78.108.2 78.108.2 79.109.2 79.109.20	0.4 0.9 0.9 2.0 1.2 1.2 1.2 1.1 0.1 0.2 0.4 0.2 0.4 0.2 0.2 0.4 0.2 0.4 0.2 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.0 0.1 -3.3 2.1 0.1 2.1 1.0 2.1 1.0 2.1 0.2 0.2 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0 5 4 4 4 4 4 5 5 5 5 5 4 10 10 11 12 20 3 1 12 20 3 1 12 20 3 1 12 20 3 1 1 20 20 3 1 1 20 20 3 1 1 20 20 3 1 1 20 20 20 20 3 1 1 20 20 20 20 3 1 1 20 20 20 3 1 1 20 20 3 1 1 20 20 3 1 1 1 20 20 20 3 1 1 1 20 20 20 20 20 20 20 20 20 20	$\begin{array}{c} 2\\ -23\\ -3\\ -24\\ 4\\ 1\\ 6\\ -2\\ -2\\ -2\\ -2\\ -2\\ -2\\ -2\\ -2\\ -2\\ -2$
DAX CAC CAC CAC CAC CAC CAC CAC CAC CAC C	10.620 4.551 4.551 4.551 6.1,993 7.6,193 7.4,205 6.1,993 7.4,205 7.5,00 7.4,205 7.5,000 7.5,0000 7.5,0000 7.5,0000 7.5,0000 7.5,0000 7.5,00000 7.5,000000000000000000000000000000000000	0.4 0.9 0.9 2.0 1.2 1.2 1.2 1.1 0.1 0.2 0.4 0.2 0.4 0.2 0.2 0.4 0.2 0.4 0.2 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.0 0.1 3.2 1 0.1 2.1 0.2 1.0 0.5 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	0 -5 -4 -4 -4 -4 -4 -4 -2 -2 -2 -5 -5 -5 -5 -6 -6 -7 -7 -10 -12 -2 -2 -2 -2 -2 -2 -5 -5 -5 -5 -6 -6 -6 -6 -6 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7	$\begin{array}{c} 2\\ 23\\ 3\\ 24\\ 4\\ 1\\ 6\\ 9\\ 4\\ 1\\ 8\\ 3\\ 6\\ 7\\ 7\\ 12\\ 1\\ 1\\ 1\\ 2\\ 2\\ 2\\ 1\\ 1\\ 6\\ 1\\ 2\\ 2\\ 1\\ 1\\ 1\\ 4\\ 2\\ 2\\ 1\\ 1\\ 1\\ 4\\ 2\\ 2\\ 1\\ 1\\ 1\\ 4\\ 2\\ 1\\ 1\\ 1\\ 2\\ 1\\ 1\\ 1\\ 2\\ 1\\ 1\\ 1\\ 2\\ 1\\ 1\\ 1\\ 2\\ 1\\ 1\\ 1\\ 2\\ 1\\ 1\\ 1\\ 2\\ 1\\ 1\\ 1\\ 2\\ 1\\ 1\\ 1\\ 2\\ 1\\ 1\\ 1\\ 2\\ 1\\ 1\\ 1\\ 1\\ 2\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\$
DAX CAC CAC CAC CAC CAC CAC CAC CAC CAC C	10.620 4.551 16.519 61.675 61.995 76.175 76.195 76.195 76.195 76.195 76.195 76.195 76.195 76.195 77.7 78.108.2 78.108.2 78.108.2 78.108.2 78.108.2 78.108.2 78.108.2 78.108.2 78.108.2 79.109.2 79.109.20	0.4 0.4 0.9 0.9 2.0 0.9 2.0 0.9 0.9 0.9 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	0.0 0.0 0.1 3.3 0.1 0.1 3.3 0.1 0.1 0.2 0.1 0.2 0.3 0.8 0.2 0.3 0.2 0.3 0.2 0.3 0.2 0.3 0.2 0.3 0.2 0.3 0.2 0.3 0.2 0.3 0.3 0.2 0.3 0.2 0.3 0.3 0.2 0.3 0.3 0.2 0.3 0.3 0.2 0.3 0.3 0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	0 5 4 4 4 4 4 4 4 4 4 4 4 4 4	2 23 3 24 4 4 1 6 9 4 8 9 4 1 8 9 4 1 8 9 7 12 20 8 9 4 18 3 0 7 7 12 20 8 22 8 18 4 2 2 2 1 15 20 8 22 2 1 14 14 16 9 7 7 12 20 8 22 24 14 18 3 0 7 7 12 20 8 22 24 14 18 3 0 7 7 12 20 8 22 24 14 18 3 0 7 7 12 20 8 22 24 14 18 3 1 20 20 20 20 20 20 14 18 10 20 20 20 20 20 20 20 20 20 20 20 20 20
DAX CAC CAC CAC CAC CAC CAC CAC CAC CAC C	10.620 4,551 4,551 6,1675 6,1675 6,1675 6,1695 6,1695 6,1695 7,170 7,100	0.4 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.0 0.1 0.1 3.3 0.1 0.1 3.3 0.1 0.1 0.1 0.1 0.2 0.5 0.8 0.8 0.2 0.8 0.2 0.8 0.2 0.7 0.7 0.5 0.7 0.7 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0 5 4 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5	2 23 3 2 44 6 9 9 4 10 3 0 7 7 12 20 8 22 28 11 10 3 0 7 7 12 20 8 22 28 11 10 3 0 7 7 12 20 8 22 28 11 10 3 0 7 7 12 20 20 20 20 20 20 20 20 20 20 20 20 20 2
DAX CAC CAC ACA MAC Lisan CAC MAC LISAN CAC	10.620 4.551 4.551 4.551 4.51 4.530 4.530 4.530 4.630 4.633 4.630 4.633 4.630 4.	0.4 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.0 0.1 3.3 0.1 3.2 1.0 1.2 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0 -5 -4 -4 -4 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	-2 -23 -23 -24 -24 -4 -4 -6 -9 -4 -4 -9 -4 -4 -7 -7 -7 -7 -7 -22 -22 -22 -22 -22 -22
DAX CAC INTERNATION CONTROLOGY CO	10.620 4.551 4.551 16.530 5.61.932 5.61.932 5.61.932 4.633 4.634 4.7355 4.73555 4.73555 4.73555 4.73555 4.735555555 4.73555555555555555555555555555555555555	0.4 0.4 0.4 0.2 0.0 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	0.0 0.0 0.1 3.3 0.1 3.2 0.1 0.1 0.1 0.1 0.2 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.5 0.5 0.5 0.8 0.5 0.5 0.5 0.8 0.5 0.5 0.5 0.8 0.5 0.5 0.5 0.8 0.5 0.8 0.5 0.5 0.5 0.8 0.8 0.5 0.8 0.8 0.5 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	0 3 4 4 4 4 4 4 4 4 4 4 4 4 4	2 23 33 24 44 6 9 4 16 9 4 16 9 4 16 9 4 17 12 20 22 22 22 22 22 22 22 22 2
DAX CAC CAC CAC CAC CAC CAC CAC CAC CAC C	10.620 4,551 4,551 6,193 6,193 6,193 6,193 7,205	0.4 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.0 0.0 0.1 3.3 0.1 3.3 0.1 0.1 0.1 0.1 0.2 0.0 0.1 0.2 0.0 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0 3 4 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5	2 23 33 44 6 9 418 3 6 9 418 3 6 9 418 3 6 9 4 18 3 6 9 4 18 3 6 7 7 17 18 8 22 28 8 22 28 18 19 28 22 28 18 19 28 22 28 18 19 28 22 28 18 19 28 22 28 18 19 28 22 28 19 19 28 22 28 19 19 28 22 28 19 19 28 22 28 19 19 28 22 28 19 19 19 28 22 28 19 19 28 22 28 19 19 28 22 28 19 19 28 22 28 19 19 28 22 28 19 19 29 28 22 28 19 19 29 29 20 19 19 29 20 20 19 19 20 20 20 20 19 19 20 20 20 19 19 20 20 20 20 19 19 20 20 20 20 20 20 20 20 20 20





	ets (10Y,%, d	anges in t Daily	ip) Week	Month	YTD
Developed Markets US (2-γr) US	1.10	0.4 1.4	1.6 1.5	25 48	6
GER (2-yı) Germany	-0.75 0.22	0.4 1.9	-1.5 0.3	-13 6	-41 -41
France Spain	0.70	-6.7 -5.0	-0.8 -1.3	23 28	-29 -26
Italy Portugal	1.95 3.62	-12.0 1.7	-7.7 -1.0	36 28	35 110 -135
Greece Japan (2-yr)	6.94	-4.0 -2.4 -1.3	3.1 -1.6	-146 7 -25	-135 -16 -25
Japan Emerging Markets	0.02 level	-1.3 Daily	6.2 Weekly	-25 Monthly	-25 YTD
Brazil Chile	11.97 4.65	-0.9 0.0	10.6 3.9	56 36	-454 -3
Colombia Mexico	7.31 7.35	-22.2 0.1	-39.0 -3.7	2 109	-134 108
Peru Poland	6.30 3.59	-3.7 8.8	-10.7	58	-118
Russia Turkey	8.93 10.77	5.5 -2.0	16.1 -8.0	34 92	-63 30
India Indonesia	6.32	631.9 -5.5	0.9 27.0	-48 92	-144 -54
Countr	y risk (bp, chang	jes in bp)	Weekly		
Developed Markets 10-yr sovereign spread vs Germany	level	Daily		Monthly	YTD
France Italy	48 172 339	-8.6 -13.9	-1.1 -8.0	18 31	12 76
Portugal Spain	339 129	-0.2 -6.9	-1.3 -1.6	22 22	151 15
2-yr sovereign spread vs Germany France	12	-2.1	-2.1	9	9
ltaly Portugal	83 110	-2.4 0.1	7.1 -5.7	22 15	52 65
Spain	65	-0.5 Daily	9.0 Weekly	18	30
Emerging Markets 5-yr sovereign CDS*	levei			Monthly	YTD
Brazil Chile	296 93	-6 -2	-6 -3	26 5	-196 -34
Colombia Mexico	194 185	-6 -3	-8 -6	23 36	-45 15
Peru Venezuela	121 4.423	-4 160	-2 430	18 695	-65 -1620
Poland Russia	83 222	0	1	8	11 -80
Turkey China	289	-6 0	4	41	16
India Indonesia	142	1	- 4	5	-6 -52
	174 Risk indicators		-1		
Volatilty indicators (%) VIX	level 13	Daily -2.9	Weekly 3	Monthly -21	YTD -5
VSTOXX EM EFT volatility Index	22 22	-3.3 -1.6	8 7	13 -6	0 -5
Dollar/euro volatility EM FX volatility index	11 11	2.4 -2.7	2	51 12	-11
Credit spread (BAA) (bps) US bonds volatility index	246 79	-1.4 -1.2	-6 3	-14 22	-77 16
Banking 5y CDS (bps) * US	level 75	Daily 1.8	Weekly 2	Monthly 1	YTD
EZ	138	4.0	2	24	54
UK Large Spanish	106 148	2.7	3	7	28 11
Medium Spanish Corporate 5y CDS (bps) *	171 level	2.0 Daily	4 Weekly	16 Monthly	13 YTD
US Non-financial EZ Non-financial	185 109	1.8 4.0	2	1 24	0 54
UK Non-financial	132 markets (%, ch	1.8	-6	-3	-60
	level	Daily	Weekly	Monthly	YTD
EONIA Index Euribor 3m	-0.35 -0.31	0.00	0.0 0.0	0.0	-0.2 -0.2
Euribor 12m Libor 3m	-0.08 0.94	0.00	0.0	0.0 0.0	-0.1 0.3
Libor 12m EZ TED spread 3m	1.64 49.2	0.00	0.0	0.1 -7.1	0.5
	tock markets (
Main indices S&P500	level 2,208	Daily 0.3	Weekly 0.2	Monthly 4	YTD 8
Dow Jones Nikkei	19.131 18,307	0.2 -0.3	0.6	5	10 -4
FTSE 100 EuroStoxx 50	6.772 3.038	-0.4 0.7	-0.7 -0.2	-3	8
IBEX DAX	8.648 10,620	0.3	0.0	-6 -1	-9 -1
CAC	4,551	0.9	0.0	0	-2 -23
ASE Athens MSCI Latam *	611 73.675	1.1	-3.3 2.1	4	-23 -3 24
Ibovespa (Brazil)	61,993	1.2 -1.4	0.1	4	43
Mexbol MSCI EM Europe *	45,406 4,633	-0.1 -0.4	1.2 0.8	-5 2	6 9
Poland Micex (Russia)	1,780 2,087	0.2 -0.4	0.2	-2	-4
			1.0	5	18
Ise 100 (Turkey) MSCI EM Asia *	74,205 698	-1.0 0.6	1.0 -2.1 2.0	5 -5 -3	18 3 6
MSCI EM Asia * Shanghai Com (China) Jakarta (Indonesia)	74,205	-1.0	-2.1	-5	3
Shanghal Com (China) Jakarta (Indonesia) Banking sector	74,205 698 3,283 5,137 Ievel	-1.0 0.6 0.2 0.3 Daily	-2.1 2.0 1.1 -0.2 Weekly	-5 -3 6 -5	3 6 -7 12 YTD
Shanghai Com (China) Jakarta (Indonesia) Banking sector US banks JPM	74,205 698 3,283 5,137 level 108.2 79.1	-1.0 0.6 0.2 0.3 Daily 0.9 1.0	-2.1 2.0 1.1 -0.2 Weekly 0.5 0.7	-5 -3 6 -5 Monthly 19 14	3 6 -7 12 YTD 15 20
Shanghai Com (China) Jakarta (Indonesia) Banking sector US banks UPM Citi BoA	74.205 698 3.283 5,137 level 108.2 79.1 55.8 20.5	-1.0 0.6 0.2 0.3 Daily 0.9 1.0 0.6 1.0	-2.1 2.0 1.1 -0.2 Weekly 0.5 0.7 -0.5 1.0	-5 -3 6 -5 Monthly 19 14 13 23	3 6 -7 12 YTD 15 20 8 22
Shanghai Com (China) Jakarta (Indonesia) Banking sector US banko JPM Citi BoA MS GS	74,205 698 3,283 5,137 level 108.2 79.1 55.8 20.5 40.9 212.5	-1.0 0.6 0.2 0.3 Daily 0.9 1.0 0.6 1.0 1.0 1.0	-2.1 2.0 1.1 -0.2 Weekly 0.5 0.7 -0.5 1.0 0.8 0.6	-5 -3 6 -5 Monthly 19 14 13 23 22 20	3 6 -7 12 YTD 15 20 8 22 28 28 18
Shanghai Com (China) Jakarta Rindonesia) Banking sector US hants JPM Citi BoA MS GS CS EZ banks BMP	74,205 698 3,283 5,137 108,2 79,1 55,8 20,5 40,9 212,5 88,4 54,4	-1.0 0.6 0.2 0.3 Daily 0.9 1.0 0.6 1.0 1.0 1.0 1.0 1.8 1.7	-2.1 2.0 1.1 -0.2 Weekly 0.5 0.7 -0.5 1.0 0.8 0.6 -2.3 -2.5	-5 -3 6 -5 Monthly 19 14 13 23 22 20 3 1	3 6 -7 12 YTD 15 20 8 22 28 18 -18 4
Sharqha Com (Chha) Jakata Indonesia) Bashing sector US banks JMM Cili BoA MS BoA KS Soshis EZ banks BAP Crédit Agricole Doutsche Bank	74,205 698 3,283 5,137 level 108,2 79,1 55,8 20,5 40,9 212,5 88,4 54,4 54,4 10,7 14,7	-1.0 0.6 0.2 0.3 Daily 0.9 1.0 0.6 1.0 1.0 1.0 1.0 1.0 1.0 1.0 5 1.2	-2.1 2.0 1.1 -0.2 Weekly 0.5 0.7 -0.5 1.0 0.8 0.6 -2.3 -2.5 -3.1 -1.7	-5 -3 6 -5 19 14 13 23 22 20 3 1 7 10	3 6 -7 12 YTD 15 20 8 22 28 18 -18 4 -2 -35
Sharqha Corn (Chha) Jakaris dhodreaio Banking sector US banka JPM Cili BoA Cili BoA Cili BoA Cili BoA Cili BoA Cili BoA Cili BoA Cili Cili BoA Cili Cili Cili Cili Cili Cili Cili Cil	74,205 698 3,283 5,137 level 108,2 79,1 55,8 20,5 40,9 212,5 88,4 54,4 10,7 14,7 12,6 2,0	-1.0 0.6 0.2 0.3 Daily 0.9 1.0 0.6 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 5 1.2 0.8 4.1	-2.1 2.0 1.1 -0.2 Weekly 0.5 0.7 -0.5 1.0 0.8 0.6 -2.3 -2.5 -3.1 -1.7 -2.6 -1.3	-5 -3 6 -5 Monthly 19 14 13 23 22 20 3 1 7 7 10 5 -6	3 6 -7 12 YTD 15 20 8 22 28 18 -18 4 -2 -35 1 -34
Sharpha Corn (Chha) Jakaris dhodronia Banking sector US banke JPM Cill BaA Cill BaA Cill BaA Cill BaA Cill BaA Cill BaA Cill BaA Cill Cill Cill Cill Cill Cill Cill Cil	74,205 698 3,283 5,137 108,2 79,1 55,8 20,5 40,9 212,5 88,4 54,4 10,7 14,7 12,6 2,0 39,9 1,9	-1.0 0.6 0.2 0.3 Daily 0.9 1.0 0.6 1.0 1.0 1.0 1.0 1.0 1.8 1.7 0.5 1.2 0.8 4.1 2.1 3.1	-2.1 2.0 1.1 -0.2 Weekky 0.5 0.7 -0.5 1.0 0.8 0.6 -2.3 -2.5 -3.1 -1.7 -2.6 -1.3 -1.6 -3.8	-5 -3 6 -5 19 14 13 23 22 20 3 1 7 10 5 -6 11 -17	3 6 -7 12 YTD 15 20 8 22 28 18 -18 4 -2 -35 1 -34 -6 -6 -62
Sharajha Corn Cinha) Jakaraja dinolima Panking sector US banka US banka Bio Cili Bio Cili Bio Cili Bio Cili Bio Cili Cili Cili Cili Cili Cili Cili Ci	74,205 698 3,283 5,137 108,2 79,1 55,8 20,5 40,9 212,5 88,4 54,4 10,7 14,7 12,6 2,0 39,9	-1.0 0.6 0.2 0.3 Daily 0.9 1.0 0.6 1.0 1.0 1.0 1.0 1.0 1.0 1.8 1.7 0.5 1.2 0.8 4.1 2.1	-2.1 2.0 1.1 -0.2 Weekly 0.5 0.7 -0.5 1.0 0.8 0.6 -2.3 -2.5 -3.1 -1.7 -2.6 -1.3 -1.6 -3.8 -3.8 -1.8	-5 -3 6 -5 -5 19 14 13 23 22 20 3 1 7 10 5 -6 11	3 6 -7 12 YTD 15 20 8 22 28 28 18 -18 4 -2 -35 1 -34 -6
Sharqhaf Corn (Chha) Jakara (Indonesia) Banking actor US banka JPM Desite Bah MS SG Desite Bah MS Bah Agritude Desite Bah MS Desite MS Desi	74,205 698 3,283 5,137 level 108.2 79,1 55.8 20.5 88,4 40.9 212.5 88,4 10.7 14,7 12,6 2,0 39,9 39,9 39,9 39,9 39,9 39,9 39,9 39	-1.0 0.6 0.2 0.3 Daily 0.9 1.0 0.6 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 5 1.2 0.8 4.1 2.1 3.1 0.3	-2.1 2.0 1.1 -0.2 Weekky 0.5 0.7 -0.5 1.0 0.8 0.6 -2.3 -2.5 -3.1 -1.7 -2.6 -1.3 -1.6 -3.8	-5 -3 6 -5 Monthly 19 14 13 23 22 20 3 1 7 10 5 -6 11 -17 4	3 6 -7 12 YTD 15 20 8 22 28 8 22 28 18 -18 4 -2 -34 5 1 -34 -62 -9 18 -35 -2
Sharqhaf Corn Cirha) Jahars dindorina Paulong Jackson Usanita Baka Hillion Baka Saka Saka Saka Saka Saka Saka Saka	74,205 698 3,283 5,137 1604 106.2 79,1 55.8 20,5 40,9 212,5 88,4 54,4 10,7 12,6 88,4 54,4 10,7 14,7 12,6 89,9 19,7 9,5 631,8 19,0 214,3 57,7	-1.0 0.6 0.2 0.3 Daily 0.9 1.0 0.6 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	-2.1 2.0 1.1 -0.2 Weekly 0.5 0.7 -0.5 1.0 0.8 0.6 -2.3 -2.5 -3.1 -1.7 -2.6 -3.1 -1.7 -2.6 -3.1 -1.7 -2.6 -3.8 -1.1 -1.5 -2.0 -3.4	-5 -3 6 -5 19 14 13 23 22 20 3 1 7 7 10 5 -6 111 -17 4 1 2 2 12 0	3 6 7 12 YTD 15 20 8 22 28 18 -18 4 -2 -35 1 4 -6 -62 -9 18 -35 -2 -21
Sharqhaf Corn (Chha) Jakara (Indonesia) Banking actor US banka JPM Desite Bah MS SG Desite Bah MS Bah Agritude Desite Bah MS Desite MS Desi	74,205 698 3,283 5,137 level 108.2 79,1 55.8 20.5 88,4 40.9 212.5 88,4 10.7 14,7 12,6 2,0 39,9 39,9 39,9 39,9 39,9 39,9 39,9 39	-1.0 0.6 0.2 0.3 Daily 0.9 1.0 0.6 1.0 1.0 1.0 1.0 1.0 1.0 1.8 1.7 0.5 1.2 0.8 4.1 2.1 3.1 0.3 -0.2 0.4 1.1	-2.1 2.0 1.1 -0.2 Weckly 0.5 0.7 -0.5 1.0 0.8 0.6 -2.3 -0.6 -2.3 -3.1 -1.7 -2.6 -1.3 -1.6 -3.8 -1.8 -1.1 -5.2 0.9 -3.4 -1.6	-5 -3 6 -5 -5 19 14 13 23 20 3 1 22 20 3 1 7 10 5 -6 11 -17 4 1 2 12 0 -9 -6	3 6 -7 12 YTD 15 20 8 22 28 8 22 28 18 -18 4 -2 -34 5 1 -34 -62 -9 18 -35 -2
Sharajha Caru Cinha) Jaharaj dindorina Panking jactor US banka US banka Bio Citi Bio Citi Bio Citi Citi Citi Citi Citi Citi Citi Ci	74,205 698 3,283 5,137 108,2 79,1 55,8 20,5 40,9 212,5 88,4 54,4 10,7 14,7 12,6 2,0 39,9 19,5 631,8 19,0 214,3 54,4 19,7 76,5 631,8 19,7 2,4,3 55,7 67,3 4,3 5,8 62,2	-1.0 0.6 0.2 0.3 Doly 0.6 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	2.1 2.0 1.1 0.2 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.5 0.7 0.5 0.7 0.5 0.5 0.7 0.5 0.5 0.7 0.5 0.5 0.7 0.5 0.5 0.7 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	-5 -3 6 -5 Monthly 19 14 13 22 20 3 1 1 4 5 -6 11 -17 4 1 2 12 0 9 -6 -12 -3	3 6 7 7 12 20 8 22 28 18 22 28 18 4 4 22 35 1 34 6 2 35 1 34 62 9 9 18 35 -2 21 21 11 -62 -2 11 2 -2 12 20 8 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
Sharqhaf Corn Chha) Jakara dhohoni a Banking actor Us banka Us banka Bah Ma Sa Sa Sa Sa Sa Sa Sa Sa Sa Sa Sa Sa Sa	74,205 698 3,283 5,137 106,2 79,1 55,8 20,5 40,9 212,5 88,4 10,7 12,6 2,0 39,9 1,9 79,5 631,8 19,7,0 214,3 57,7 67,3 4,3 55,7 4,3 55,7 67,3 4,3 55,7 67,3 4,3 55,7 67,3 4,3 55,7 67,3 4,3 55,7 65,7 65,7 65,7 65,7 65,7 65,7 65,7	-1.0 0.6 0.2 0.3 Daily 0.9 1.0 0.6 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 2.1 2.1	-2.1 2.0 1.1 0.2 Weektly 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.8 0.6 -2.3 2.5 1.0 0.8 -2.3 2.5 1.0 1.0 0.8 -2.3 2.5 1.1 1.0 2.5 1.0 0.8 -2.3 2.5 1.1 1.0 0.8 -2.3 2.5 1.1 1.0 0.8 -2.3 2.5 1.1 1.0 0.8 -2.3 2.5 1.1 1.0 0.8 -2.3 2.5 1.1 1.0 0.8 -2.3 2.5 1.1 1.0 0.8 -2.3 2.5 1.1 1.0 0.8 -2.3 2.5 1.1 1.0 0.8 -2.3 2.5 1.1 1.0 0.8 -2.3 2.5 1.1 1.0 0.8 -2.3 2.5 1.1 1.0 0.8 -2.3 2.5 1.1 1.0 0.8 -2.3 2.5 1.1 1.0 0.8 -2.3 2.5 1.1 1.0 0.8 -2.3 2.5 1.1 1.0 0.8 -2.3 2.5 1.1 1.0 0.8 -2.3 2.5 1.1 1.0 0.8 -2.3 2.5 1.1 1.0 -2.3 2.5 -2.3 2.5 1.1 1.0 -2.3 2.5 1.1 1.3 -1.5 -2.5 2.5 1.0 -2.5 2.5 1.0 -2.5 2.5 1.0 -2.5 2.5 1.0 -2.5 2.5 1.0 -2.5 2.5 1.0 -2.5 2.5 1.0 -2.5 2.5 1.0 -2.5 2.5 2.5 1.0 -2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5	-5 -3 -3 -5 -5 -5 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 6 7 7 12 20 8 22 28 8 22 28 18 18 4 4 2 35 5 31 34 6 6 2 9 9 18 35 2 2 1 1-11 6 62 9 9 18 5 2 2 1 1 5 19 19 19 19 19 19 19 19 19 19 19 19 19
Sharqha Corn Cinha) Jakara dindonesia Banking actor US banka US banka Banking actor US banka Banka MS Sci Sci US banka Sci Sci Usicardos Unicardos Sci Unicardos Unico	74,205 698 3,283 5,137 108,27 99,1 55,8 20,5 40,9 212,5 88,4 10,7 12,6 20,5 40,9 212,5 88,4 10,7 12,6 38,9 19,9 212,5 63,18 19,70 214,3 57,7 67,3 4,3 57,7 67,3 4,3 57,7 67,3 4,3 57,7 67,3 4,3 57,7 67,3 4,3 57,7 67,3 4,3 57,7 67,3 4,3 57,7 67,3 4,3 57,3 7,0 8,4 57,3 57,3 57,5 57,5 57,5 57,5 57,5 57,5	-1.0 0.6 0.2 0.3 D-bily 0.9 1.0 0.9 1.0 0.9 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	2.1 2.0 4.2 0.5 0.7 0.7 0.7 0.8 0.6 2.3 2.5 1.0 0.8 0.6 2.3 2.5 1.0 0.8 1.0 0.8 1.0 1.0 0.8 1.0 0.8 1.0 0.5 1.0 0.8 0.6 1.0 0.5 0.7 0.7 0.7 0.7 0.7 0.5 0.7 0.7 0.7 0.7 0.7 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	-5 -3 -6 -5 -5 -5 -5 -7 -19 -19 -14 -13 -22 20 3 -1 -12 -20 -3 -11 -17 -4 -12 -3 -12 -3 -1 -22 -6 -1 -12 -3 -3 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	3 6 7 7 12 20 8 8 22 28 8 22 28 8 22 28 8 22 28 8 4 4 2 35 5 1 34 4 6 2 35 1 34 4 5 2 2 1 8 8 8 2 2 2 8 8 8 8 8 8 8 8 8 8 8
Sharqhafa Corn Cinha) Jakara dindonina Panking actor US banka Jiff Markan Jiff Markan Bok Markan Salar Celat Agricult Celat Agricult Celat Agricult Celat Agricult Celat Agricult Celat Agricult Celat Agricult Salar Hosto Calatoria Salar Barchys Calatoria Barkan Calatoria Salar Celatoria Celatoria Celatoria Celatoria Celatoria Celatoria Celatoria Celatoria Celatoria Celatoria Celatoria Celatoria Celatoria Salatoria Celatoria	74,205 698 3,283 5,137 108,2 79,1 55,8 20,5 40,9 212,5 88,4 10,7 12,6 2,0,5 40,9 212,5 88,4 10,7 12,6 2,0,5 40,9 212,5 631,6 2,4,4 10,7 12,6 2,0,5 40,9 212,5 631,6 2,4,4 10,5 2,6 3,9,9 12,5 631,6 2,4,4 10,5 2,6 3,9,9 12,5 631,6 3,6 3,9,9 12,5 631,6 3,6 3,9,1 12,5 631,6 3,6 3,9,1 12,5 63,16 3,7 12,5 63,16 3,6 3,9,1 12,5 63,16 3,7 12,5 63,16 12,5 12,5 12,5 12,5 12,5 12,5 12,5 12,5	-1.0 -0.6 0.2 0.3 0.9 1.0 0.9 1.0 0.6 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	2.1 2.0 1.1 -0.2 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	-5 -3 6 -5 MontHy 19 14 13 22 20 3 13 24 7 7 10 5 6 11 12 12 -3 -1 -22 6 -12 -3 -1 -22 6 -12 -3 -1 -22 6 -12 -3 -1 -22 6 -1 1	3 6 7 7 12 20 8 8 22 8 8 22 8 8 8 4 4 4 2 28 18 4 4 2 28 18 4 4 2 28 18 4 4 2 28 18 4 4 2 28 18 4 4 29 10 15 20 9 20 15 20 9 20 10 15 20 20 10 15 20 20 20 20 20 20 20 20 20 20 20 20 20
Sharqha Corn Chiha) Jakara dhonbari Banking actor U Shanka JPM U Shanka JPM G Shanka Kanaka K	74,205 698 3,283 5,137 106,2 79,1 55,8 20,5 20,5 20,5 20,5 20,5 20,5 20,5 20,5	-1.0 -1.0 0.6 0.2 0.3 0.5 1.0 0.6 0.1 0.5 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	2.1 2.0 1.1 0.2 Weekly 0.5 0.7 0.5 1.0 0.8 0.6 2.3 3.1 1.7 2.6 5.3 1.1 7 2.6 5.3 1.1 7 2.6 3.1 1.3 1.3 1.3 1.3 1.3 3.8 1.1 2.5 5.4 4.2 0.5 4.2 0.5 4.2 0.5 2.0 0.7 2.0 0 0.7 2.0 0.7 2.0 0.7 2.0 0.7 2.0 0.7 2.0 0.7 2.0 0.7 2.0 0.7 2.0 0.7 2.0 0.7 2.0 0.7 2.0 0.7 2.0 0.7 2.0 0.0 0 0.0 0 0.0 0 0.0 0 0.0 0 0.0 0 0.0 0 0.0 0 0.0 0 0.0 0 0.0 0 0 0.0 0 0.0 0 0.0 0 0 0.0 0 0 0.0 0.0 0 0.0 0 0.0 0 0.0 0 0.0 0 0.0 0 0.0 0 0.0 0 0 0.0 0 0 0 0 0.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5 3 3 6 5 5 7 7 10 13 22 20 3 1 1 3 22 20 3 1 1 7 7 10 5 6 6 11 1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	3 6 7 7 12 20 8 22 28 8 22 28 18 4 4 2 28 18 4 4 2 28 18 35 1 34 4 6 2 35 1 34 4 6 2 2 18 134 4 5 15 20 9 9 18 22 20 18 22 20 18 22 20 18 22 28 28 29 20 20 20 20 20 20 20 20 20 20 20 20 20
Sharajha Caru Cinha) Jaharaj dhorina y Pankang actor U Sanka Sanka Gillian y Sanka S	74,205 698 3,283 5,137 i -vd 70,1 20,5 40,9 212,5 88,4 10,7 212,5 88,4 10,7 212,5 88,4 10,7 21,5 88,4 10,7 21,5 88,4 10,7 21,5 84,4 10,7 21,5 84,4 10,7 20,5 10,7 20,5 84,4 10,7 20,5 10,9 20,5 10,7 20,5 10,7 20,5 10,7 20,5 10,7 20,5 10,7 20,5 10,7 20,5 10,7 20,5 10,7 20,5 10,7 20,5 10,7 20,5 10,7 20,5 10,7 20,7	-1.0 -1.0 0.6 0.2 0.3 0.5 1.0 0.6 0.3 0.5 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	-2.1 -2.0 -1.1 -0.2 -0.5 -0.7 -0.5 -0.0 -0.5 -0.0 -0.5 -0.0 -0.5 -0.0 -0.5 -0.0 -0.5 -0.0 -0.5 -0.5	-5 3 3 5 5 19 19 14 13 22 20 20 3 3 1 1 22 20 20 3 3 1 7 7 0 5 5 6 6 11 1 1-17 4 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3 6 7 7 12 20 8 22 28 8 22 28 18 4 4 2 28 18 4 4 2 28 18 34 4 6 2 29 18 34 6 22 18 34 4 6 22 9 18 35 22 18 22 23 18 24 20 210 2 210 2 210 2 2 2 2 2 2 2 2 2 2
Sharqhaf Corn Cinha) Jaharda dhorina Pankang actor U Sanka U Sanka Cinha	74,205 698 3,283 5,137 i-v-d 102,3 20,5 40,9 212,5 88,4 54,4 10,7 142,7 144,7 1	-1.0 0.6 0.2 0.3 Daily 0.9 0.9 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	-2.1 -2.0 1.1 -0.2 -0.2 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.7 -0.7 -0.5 -0.7 -0.8 -	-5 33 6 5 19 19 14 13 22 20 33 11 22 20 33 11 12 22 20 33 11 1 1 22 20 33 11 1 1 22 20 3 3 11 1 1 22 20 3 3 11 1 1 2 2 20 3 3 1 1 1 4 1 3 23 20 3 3 1 1 1 4 1 2 3 20 3 3 1 1 1 4 1 2 3 20 3 3 1 1 1 1 2 3 20 3 3 1 1 1 1 2 3 20 3 3 1 1 1 1 2 3 20 3 3 1 1 1 1 1 2 3 2 3 2 0 5 5 5 1 1 1 1 1 1 1 1 1 1 2 3 2 2 0 2 0 3 3 1 1 1 1 1 1 1 1 1 1 1 2 3 2 2 0 2 0 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 6 7 7 12 15 20 8 22 28 8 22 28 8 18 18 4 4 2 2 35 2 2 1 34 4 4 2 35 2 2 1 34 4 4 2 2 35 2 2 2 8 8 2 2 2 8 8 18 18 4 4 2 2 2 8 8 2 2 2 8 8 2 2 2 8 8 9 9 9 9 9
Sharqhafa donnon Bankan dhonhan Jakans dhonhan Jakans dhonhan Jakans dhonhan Jakans dhonhan Bok Sa Sa Sa Sa Sa Sa Sa Sa Sa Sa Sa Sa Sa	74,205 698 3,283 5,137 70 70,1 55,8 20,5 40,9 210,5 50,8 20,5 50,8 20,5 50,8 20,5 50,8 20,5 50,8 20,5 50,8 20,5 50,8 20,5 50,8 20,5 50,8 20,5 50,8 20,5 50,7 20,7 50,7 20,7 50,7 20,7 50,7	-1.0 0.6 0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.4 1.0 1.0 0.6 0.1 0.0 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	2.1 2.0 1.1 0.2 Weestly 0.5 0.7 0.5 0.6 0.6 0.6 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	-5 3 3 5 5 19 19 14 13 23 20 20 3 1 7 7 22 20 3 1 7 7 7 0 5 -6 17 7 7 10 5 -6 11 -17 2 20 3 3 1 7 7 7 10 5 -6 5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -	3 6 7 7 12 15 20 8 22 28 8 22 28 8 18 -18 -18 -18 -18 -14 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
Sharphol Con Chiha) Jakara dhohone Banking esclor Us banka Us banka Us banka Us banka Sharphol Sharphol Sharphol Sharphol Sharphol Deschole Bank Unicrotho Deschole Bank Unicrotho Deschole Bank Deschol Sharphol	74,205 698 3,283 5,197 106,2 79,1 55,8 20,5 9 9 9 9 106,2 79,1 55,8 20,5 84,4 10,7 14,3 84,4 10,7 14,3 39,9 19,5 63,18 54,4 10,7 63,18 50,2 20,7 64,18 50,7 64,18 50,7 64,18 50,7 64,18 50,7 64,18 50,7 64,18 50,7 64,18 50,7 64,18 50,7 64,18 50,7 64,18 50,7 64,18 50,7 64,18 50,7 64,18 50,7 64,18 50,7 64,18 50,7 64,18 50,7 64,18 50,7 64,18 50,7 10,28 10,28 10,29 10	-1.0 0.6 0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.4 1.0 0.6 0.5 0.1 0.0 0.6 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	2.1 2.0 1.1 0.2 0.5 0.7 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	-5 3 3 6 5 19 19 14 13 22 20 20 20 20 20 20 3 1 1 7 7 7 8 4 10 5 6 6 117 10 5 6 6 117 12 20 20 20 20 20 20 20 20 20 20 20 20 20	3 6 7 7 12 15 20 8 22 28 8 4 4 2 28 8 18 4 4 2 28 8 18 4 4 2 35 11 34 4 6 2 35 2 2 11 34 4 6 2 2 9 9 18 18 18 18 4 4 2 2 2 8 8 2 2 2 8 8 8 4 4 2 2 2 8 8 9 8 9 8 9 9 9 9 9 9 9 9 9 9 9
Sharajha Caru Cinha) Jaharaj dhorina i Pankang actor Usanta Caru Bankan Cini Cini Cini Cini Cini Cini Cini Ci	74,205 698 3,283 51,277 600 20,283 20,55 40,59 20,59 20,	-1.0 0.6 0.6 0.2 0.3 0.9 1.0 0.6 0.9 1.0 0.6 0.0 1.0 0.6 0.1 0.0 1.0 0.6 0.1 0.0 1.0 0.0 0.1 0.0 1.0 0.0 0.0 1.0 0.0 0	2.1 2.0 1.1 0.2 0.7 0.5 0.5 0.7 0.5 0.5 0.7 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	-5 33 6 5 19 19 11 13 22 22 23 3 7 7 7 7 7 7 7 7 7 7 7 7 7 7	3 6 7 7 12 7 15 2 8 8 2 2 8 8 2 2 8 18 4 4 2 3 5 1 3 4 4 6 2 3 5 1 3 4 4 6 2 9 9 8 3 5 2 1 1 1 5 2 2 8 8 8 2 8 8 2 8 8 8 2 8 8 8 2 8 8 8 8 2 8 8 8 9 8 8 8 8
Sharqhaf Corn Cinha) Jakara dinchana Bakara dinchana Di Jakara dinchana Di Jakara dinchana Di Jakara dinchana Di Jakara di Cinha Estato Cista Agricale Cista Agricale Costa Agricale Cista	74,205 698 3,283 5,197 70,2 79,1 55,8 20,5 40,9 40,9 40,9 40,2 40,	-1.0 -1.0 0.6 0.2 0.3 Daily 0.0 0.6 1.0 0.6 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	2.1 2.0 1.1 0.2 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	-5 3 6 5 10 10 11 13 22 22 23 3 1 7 7 0 5 5 6 11 1 2 2 2 2 3 3 1 7 7 0 5 5 6 11 1 2 2 2 2 3 3 1 7 7 0 5 5 7 7 8 6 6 1 1 9 1 9 9 9 6 -1 7 7 1 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	3 6 7 12 YTD 8 22 8 22 8 18 4 2 22 8 18 4 2 22 8 18 4 2 2 2 18 14 4 2 35 1 34 6 6 2 2 2 18 18 18 19 22 23 18 18 18 18 24 25 18 18 18 19 24 25 27 27 27 27 27 27 27 27 27 27
Sharqhafo Caro Chwa) Jakara dhorina Chura Panking actor Us banka Us banka Us banka Us banka Shar Shar Shar Shar Shar Shar Shar Sha	74,205 698 3,283 5,137 70 70,1 70,0	-1.0 -1.0 0.6 0.2 0.3 Daily 0.0 0.6 1.0 0.6 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	2.1 2.0 1.1 0.2 2.0 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	-5 -3 -5 -5 -5 -7 -7 -10 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7	3 6 -7 12 YTD 8 22 28 28 28 28 28 28 28 28 28 28 29 31 15 20 28 28 28 28 28 28 28 28 28 28 28 28 28
Sharpha Corn Cinha) Jahran dinobra Cinha) Jahran dinobra Cinha Banking actor Usa banka Usa Cinha Banka Sharpha	74,205 698 3,283 5,137 700 79,1 700 79,1 700 79,1 700 79,1 700 79,1 700 700 700 700 700 700 700 70	-1.0 0.6 0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.4 0.6 0.3 0.6 0.6 0.6 0.6 0.7 0.2 0.6 0.6 0.7 0.2 0.2 0.3 0.2 0.3 0.2 0.3 0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	2.1 2.0 2.0 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2	-5 -3 -5 -5 -5 -7 -9 -14 -3 -22 -20 -3 -1 -1 -22 -20 -3 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7	3 6 7 7 12 7 15 20 8 8 22 8 8 22 8 8 8 2 2 8 18 4 4 2 2 8 18 4 4 2 2 8 18 4 4 2 2 8 18 4 4 2 2 8 18 4 4 2 2 8 18 18 5 10 5 10 5 20 8 8 22 8 18 22 8 18 5 10 5 10 5 10 5 10 5 10 5 10 5 10
Sharpha Corn Cinha) Jahran dinobra Cinha) Jahran dinobra Cinha Banking actor Usanta Markan dinobra Phil Markan dinobra Sharpha Sharpha Markan dinobra Markan dinor Markan	74,205 698 3,283 5,127 700 40,9 20,5 40,9 212,5 88,4 40,9 212,5 88,4 40,9 212,5 88,4 40,9 212,5 88,4 40,9 212,5 88,4 40,9 212,5 88,4 40,9 212,5 88,4 40,9 212,5 88,4 40,9 212,5 88,4 40,9 212,5 88,4 40,9 212,5 88,4 40,9 212,5 88,4 40,9 212,5 88,4 40,9 212,5 88,4 40,9 212,5 88,4 40,9 212,5 88,4 40,9 212,5 88,4 40,9 212,5 80,9 212,5	-1.0 0.6 0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.4 0.6 0.6 0.6 0.6 0.6 0.7 0.2 0.8 0.6 0.1 0.0 0.8 0.1 0.0 0.8 0.1 0.0 0.8 0.3 0.0 0.0 0.8 0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2.1 2.0 2.0 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2	5 3 6 5 MontRby 19 14 13 23 20 0 11 13 22 20 1 1 22 20 1 1 22 20 1 1 22 20 1 1 22 20 1 1 22 20 1 1 20 20 20 3 1 1 20 20 20 20 3 1 1 20 20 20 20 20 3 1 1 20 20 20 20 20 20 20 20 20 20	3 6 7 7 12 15 15 20 8 8 22 28 8 18 8 18 8 4 4 22 23 34 4 6 22 23 34 4 6 22 23 34 4 6 22 23 34 4 6 22 23 34 4 6 22 23 34 4 5 22 23 34 4 5 22 23 34 4 5 22 23 34 4 5 22 23 23 24 23 23 24 23 23 24 24 25 24 25 25 20 20 20 20 20 20 20 20 20 20 20 20 20
Sharphafo Caro Cinha) Jakara dinoina y Panking actor US banka US banka US banka US banka US banka US banka Solo Cinha Solo Cinha Cista Agrice Cista Agrice Cista Agrice Cista Agrice Cista Agrice Cista Agrice Cista Agrice Cista Agrice Cista Agrice Cista Agrice Cista Agrice Cista Agrice Cista Agrice Cista Agrice Cista Agrice Cista Agrice Cista	74,205 698 3,283 51,277 70,2 70,1 55,8 20,5 40,9 40	-1.0 0.6 0.2 0.3 0.6 0.3 0.6 0.3 0.6 0.9 0.6 1.0 0.6 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	22.1 2.0 1.1 0.2 0.5 0.7 0.5 0.7 0.5 0.5 0.7 0.5 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	5 3 6 5 19 14 13 22 22 22 22 22 22 22 22 22 2	3 6 7 7 12 15 15 20 8 22 28 8 22 28 8 18 8 4 4 22 28 18 8 4 1 18 35 2 2 23 31 14 4 6 22 23 31 14 4 6 22 23 23 14 14 5 22 23 23 14 14 5 15 5 20 8 22 20 8 22 23 23 14 18 15 5 20 8 22 23 23 10 15 10 5 10 20 20 20 20 20 20 20 20 20 20 20 20 20
Sharpha Corn Cinha) Jaharsh dhorinan Sharbh Christian Sharbh Christian Bachar Christian Bachar Christian Sharbh Christian Christian Sharbh Christian Sharbh Chr	74,205 698 3,283 51,277 600 79,1 55,8 20,5 79,1 20,5 79,1 20,5 20,	-1.0 0.6 0.6 0.2 0.3 0.6 0.3 0.6 0.3 0.6 0.6 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	22.1 2.0 1.1 0.2 0.5 0.5 0.7 0.5 0.5 0.5 0.5 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	5 3 6 5 4 19 14 13 22 22 22 22 22 22 22 22 22 2	3 6 7 7 12 7 15 15 20 8 2 2 2 8 8 18 4 4 2 2 8 8 18 4 4 2 2 8 8 18 4 4 2 2 8 8 18 4 4 2 2 8 8 18 4 4 2 2 8 18 4 4 2 2 8 2 18 4 4 2 2 2 8 18 5 10 5 10 5 2 2 2 8 2 2 2 8 2 2 2 8 18 10 5 10 5 2 2 2 2 8 2 2 2 8 8 18 10 5 10 5 2 2 2 8 18 10 10 5 10 2 2 2 8 18 10 10 5 10 2 2 2 8 18 10 10 10 10 2 2 2 8 18 10 10 10 10 10 10 10 10 10 10 10 10 10
Sharqhaf donois Packaga donois Packa	74,205 698 3,283 5,107 70 205 205 205 205 205 205 205 20	-1.0 -1.0 0.6 0.2 0.3 0.9 0.9 0.9 0.9 0.9 1.0 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0	22.1 2.0 1.1 0.2 0.5 0.7 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	5 3 6 5 19 19 13 22 20 3 1 12 23 20 3 1 1 23 20 3 1 1 23 20 5 6 11 1 23 20 20 5 6 11 1 23 20 20 20 20 20 20 20 20 20 20	3 6 7 7 12 7 15 15 20 8 2 2 2 8 2 2 2 2 15 4 4 4 2 3 3 4 4 4 2 3 5 1 1 4 4 4 2 2 3 5 2 2 1 1 5 1 5 2 2 2 2 2 2 2 2 2 2 2 2
Sharpha Corn Cinha) Lakrash dinobaris Banking actors and a strain of the	74,205 698 3,283 5,137 70 79,1 20,5 40,9 212,5 40,9	-1.0 0.6 0.6 0.2 0.3 0.6 0.3 0.6 0.3 0.6 0.6 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	22.1 2.0 1.1 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	5 3 6 5 5 4 19 19 14 19 19 19 19 19 19 19 19 19 19	3 6 7 12 VTD 20 8 22 20 8 22 20 8 22 20 8 8 22 20 8 8 22 20 8 8 22 20 8 8 22 20 8 8 22 20 8 8 4 4 4 2 2 2 2 2 15 5 20 8 8 20 8 8 20 9 16 15 10 10 10 10 10 10 10 10 10 10
Sharphafo and Sh	74,205 698 3,283 51,277 100,2 79,1 55,8 20,5 42,05 42,05 42,05 42,05 42,05 42,05 42,05 42,05 42,05 42,05 44,1 10,7 12,0 39,9 10,	-1.0 -1.0 0.6 0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	221 2.0 2.0 1.1 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0	5 3 6 5 5 4 14 14 14 14 12 23 23 23 23 23 23 23 23 23 2	3 6 7 7 12 13 8 10 8 2 2 8 10 8 2 2 8 10 8 2 2 8 10 9 2 2 8 10 9 2 2 8 10 9 2 2 8 10 9 2 2 8 10 9 2 2 8 10 9 2 2 8 10 9 2 2 8 10 9 2 2 8 10 9 2 2 8 10 9 2 2 8 10 9 2 2 8 10 9 10 9 2 2 8 10 9 2 2 8 10 9 10 9 2 2 8 10 9 10 9 10 9 10 9 10 9 10 9 10 9 10
Sharpha Corn Cinha) Jahara dinobana Dakara dinobana Sahara dinobana Dakara dinobana Di Sahara Sahara Sahara Sahara Sahara Nasa Sahara S	74,205 698 3,283 5,137 70 70,1 70,1 70,1 10,2 70,1 10,2 70,1 10,2 70,1 10,2 70,1 10,2 70,1 10,2 70,1 10,2 70,1 10,2 70,1 10,2 70,1 10,2 70,1 10,2 70,1 10,2 70,1 10,2 70,1 10,2 70,1 10,2	-1.0 -1.0 0.6 0.6 0.2 0.3 0.1 0.1 0.1 0.0 1.0 1.0 1.0 1.0	2-11 2-20 2-0 2-0 2-0 2-0 2-0 2-0 2-0 2-0 2-	5 3 6 5 19 19 13 20 3 20 3 12 20 3 20 3 1 13 23 20 3 1 1 23 20 3 1 1 23 20 1 3 20 1 20 20 3 1 1 2 20 20 20 3 1 1 2 2 20 20 20 20 20 20 20 20	3 6 7 7 12 20 8 22 28 8 18 18 18 4 4 2 28 18 18 18 4 4 2 28 18 18 4 4 2 28 28 18 18 4 4 2 29 18 18 4 4 2 29 18 18 18 4 4 2 29 18 18 18 4 4 2 29 18 18 18 4 4 2 2 2 18 18 4 4 2 2 2 11 1 5 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 1 4 4 2 2 2 2 11 1 5 1 2 2 2 11 1 5 1 2 2 2 11 1 5 1 2 2 2 11 1 5 1 2 2 2 11 1 5 5 2 2 2 11 1 5 5 2 2 2 11 1 5 5 2 2 2 11 1 5 5 2 2 2 11 1 5 5 2 2 2 11 1 5 5 5 2 2 2 11 1 5 5 5 5 5 2 2 2 11 1 5 5 5 5 5 5 5 5 5 5 5 5 5





Debt markets	10Y, %, ch	anges in t Daily	ip) Week	Month	VTD
US (2-yr) US	1.10	0.4	1.6 1.5	25 48	6
GER (2-yr)	-0.75	1.4 0.4 1.9	1.5 -1.5 0.3	-13	-41
Germany France	0.22 0.70	1.9 -6.7	0.3 -0.8	6 23	-41 -29
Spain Italy	1.51	-5.0 -12.0	-1.3	28 36	-26 35
Portugal	3.62	1.7	-7.7 -1.0	28	110
Greece Japan (2-yr)	6.94 -0.17	-4.0 -2.4	3.1 -1.6	-146 7 -25	-135 -16
Japan Emerging Markets	-0.17 0.02	-1.3 Daily	6.2 Weekly	-25 Monthly	-25 YTD
Brazil	11.97	-0.9	10.6 3.9	56	-454
Colombia	4.65 7.31 7.35	0.0 -22.2 0.1	-39.0	36 2	-3
Mexico Peru	7.35 6.30	0.1	-3.7 -10.7	109 58	108 -118
Poland	3.59	8.8	7.5	47	65
Russia Turkey	8.93 10.77	5.5 -2.0	16.1 -8.0	34 92	-63 30
India Indonesia	6.32 8.20	631.9 -5.5	0.9 27.0	-48 92	-144 -54
Country ris	k (bp, chang	jes in bp)	27.0	52	-94
Developed Markets 10-yr sovereign spread vs Germany	level	Daily	Weekly	Monthly	YTD
France	48	-8.6	-1.1	18	12
Italy Portugal	172 339	-13.9	-8.0 -1.3	31 22	76 151
Spain	129	-6.9	-1.6	22	15
2-yr sovereign spread vs Germany France	12	-2.1	-2.1	9	9
Italy	83	-2.4	7.1	22	52
Portugal Spain	110 65	0.1 -0.5	-5.7 9.0	15 18	65 30
Emerging Markets	level	Daily	Weekly	Monthly	YTD
5-yr sovereign CDS * Brazil	296	-6	-6	26	-196
Chile	93	-2	-3	5	-34
Colombia Mexico	194 185	-6 -3	-8 -6	23 36	-45 15
Peru	121	-4	-2	18	-65
Venezuela Poland	4,423	160	430	695 8	-1620 11
Russia	222	-5	-3	-2	-80
Turkey China	289 119	-6 0	4	41 14	16 10
India Indonesia	142	1	4	5	-6 -52
Ris	174 k indicators		- 11	24	-92
Volatilty indicators (%)	level	Daily	Weekly	Monthly	YTD
VIX VST OXX	13 22	-2.9 -3.3	3	-21 13	-5 0
EM EFT volatility Index	22	-1.6	7	-6	-5
Dollar/euro volatility EM FX volatility index	11	2.4 -2.7	2	51 12	-11
Credit spread (BAA) (bps)	246 79	-1.4	-6	-14	-77 16
US bonds volatility index Banking 5 y CDS (bps) *	level	-1.2 Daily	Weekly	22 Monthly	16 YTD
US EZ	75 138	1.8	2	1 24	0
UK	106	4.0	3	7	28
Large Spanish Medium Spanish	148	3.5	4	31 16	11 13
Corporate 5y CDS (bps) *	171 level	2.0 Daily	4 Weekly	Monthly	YTD
US Non-financial	185	1.8	2	1	0
EZ Non-financial UK Non-financial	109 132	4.0	5 -6	-3	54 -60
Interbank mar	kets (%, cha	anges in bj			
EONIA Index	-0.35	Daily 0.00	Weekly 0.0	Monthly 0.0	YTD -0.2
Euribor 3m	-0.31	0.00	0.0	0.0	-0.2
Euribor 12m Libor 3m	-0.08 0.94	0.00	0.0	0.0	-0.1 0.3
Libor 12m	1.64	0.00	0.0	0.1	0.5
EZ TED spread 3m	49.2	0.80	1.5	-7.1	8.4
Main indices	k markets (100-00-0	Monthly	YTD
S&P500	2,208	Daily 0.3	Weekly 0.2	4	8
Dow Jones	19,131	0.2	0.6	5	10
Nikkei	18 307	-0.3	0.8		
Nikkei FTSE 100	18.307 6,772	-0.3 -0.4	0.8 -0.7	-3	-4 8
FTSE 100 EuroStoxx 50	6,772 3,038	-0.4 0.7	-0.7 -0.2	-3 -1	8 -7
FTSE 100 EuroStoxx 50 IBEX DAX	6,772 3,038 8,648 10,620	-0.4 0.7 0.3 0.4	-0.7 -0.2 0.0 -0.9	-3 -1 -6 -1	8 -7 -9 -1
FTSE 100 EuroStoxx 50 IBEX DAX CAC MIB	6,772 3,038 8,648 10,620 4,551 16,539	-0.4 0.7 0.3	-0.7 -0.2 0.0	-3 -1 -6 -1 0 -5	8 -7 -9
FTSE 100 EuroStoxx 50 IBEX DAX CAC MIB ASE Athens	6,772 3,038 8,648 10,620 4,551 16,539 611	-0.4 0.7 0.3 0.4 0.9 2.0 1.1	-0.7 -0.2 0.0 -0.9 0.0 0.1 -3.3	-3 -1 -6 -1 0	8 -7 -9 -1 -2 -23 -3
FTSE 100 EuroStoxx 50 IBEX DAX CAC MIB ASE Athens MSCI Latam* Tbovespa (Brazi)	6,772 3,038 8,648 10,620 4,551 16,539 611 73,675 61,993	-0.4 0.7 0.3 0.4 0.9 2.0 1.1 1.2 -1.4	-0.7 -0.2 0.0 -0.9 0.0 0.1 -3.3 2.1 0.1	-3 -1 -6 -1 0 -5 -4 -4 -4 -4	8 -7 -9 -1 -2 -23 -3 24 43
FTSE 100 EuroStoxx 50 IBEX DAX CAC MIB ASE Athens MSCI Latam* Ibovespa (Brazi) Medod	6,772 3,038 8,648 10,620 4,551 16,539 611 73,675 61,993 45,406	-0.4 0.7 0.3 0.4 0.9 2.0 1.1 1.2 -1.4 -0.1	-0.7 -0.2 0.0 -0.9 0.0 0.1 -3.3 2.1 0.1 1.2	-3 -1 -6 -1 0 -5 4 -4 -4 -5	8 -7 -9 -1 -2 -23 -3 24 43 6
FTSE 100 EuroStoxx 50 IBEX EuroStoxx 50 IBEX CAC DAX CAC ASE Athens MIB ASE Athens MIB Collatam Ibovepsd MSCI Latam MSCI Latam MSCI Latam Pederd MSCI Edeps Pederd	6,772 3,038 8,648 10,620 4,551 16,539 611 73,675 61,993 45,406 4,633 1,780	-0.4 0.7 0.3 0.4 0.9 2.0 1.1 1.2 -1.4 -0.1 -0.4 0.2	-0.7 -0.2 0.0 -0.9 0.0 0.1 -3.3 2.1 0.1 1.2 0.8 0.2	-3 -1 -6 -1 0 -5 4 -4 -4 -4 -5 2 -2	8 -7 -9 -1 -2 -23 -3 24 43 6 9 -4
FTSE 100 EuroStoxx 50 BEX EuroStoxx 50 EURO EX	6,772 3,038 8,648 10,620 4,551 16,539 611 73,675 61,993 45,406 4,633 1,780 2,087	-0,4 0,7 0,3 0,4 0,9 2,0 1,1 1,2 -1,4 -0,1 -0,4 0,2 -0,4	-0.7 -0.2 0.0 -0.9 0.0 0.1 -3.3 2.1 0.1 1.2 0.8 0.2 1.0	-3 -1 -6 -1 0 -5 4 -4 -4 -4 -5 2	8 -7 -9 -1 -2 -23 -3 -3 -24 43 6 9 -4 18
FTSE 100 Exercisions 50 IBEX DAX CAC MB MB MSC Latam * MSC Latam *	6,772 3,038 8,648 10,620 4,551 16,539 611 73,675 61,993 45,406 4,633 1,780 2,087 74,205 698	-0,4 0,7 0,3 0,4 0,9 2,0 1,1 1,2 -1,4 -0,1 -0,4 0,2 -0,4 -1,0 0,6	-0.7 -0.2 0.0 -0.9 0.0 0.1 -3.3 2.1 0.1 1.2 0.8 0.2 1.0 -2.1 2.0	-3 -1 -6 -1 0 -5 4 -4 -4 -5 2 -2 -2 5 -5 -3	8 -7 -9 -1 -2 -23 -3 24 43 6 9 -4
FTSE 100 EuroStoxx 50 BEX EuroStoxx 50 EURO EX	6,772 3,038 8,648 10,620 4,551 16,539 611 73,675 61,993 45,406 4,633 1,780 2,087 74,205	-0,4 0,7 0,3 0,4 0,9 2,0 1,1 1,2 -1,4 -0,1 -0,4 0,2 -0,4 -1,0	-0.7 -0.2 0.0 -0.9 0.0 0.1 -3.3 2.1 0.1 1.2 0.8 0.2 1.0 -2.1	-3 -1 -6 -1 0 -5 4 -4 -4 -5 2 -2 -5 -5	8 -7 -9 -1 -2 -23 -3 24 43 6 9 -4 18 3
FTSE 100 Exercision 50 IBEX DAX CAC ACK ACK These ACK These MSG Latum * Ibeorepat Brace MSG Latum * Ibeorepat Brace Montol Montol Montol Montol Montol Montol Montol Signaphi Con (China) Jalana Monkowski Jalana Monkowski	6,772 3,038 8,648 10,620 4,551 16,539 611 73,675 61,993 45,406 4,633 1,780 2,087 74,205 698 3,283 5,137 Ievel	-0.4 0.7 0.3 0.4 0.9 2.0 1.1 1.2 -1.4 -0.1 -0.4 0.2 -0.4 -0.4 -0.4 0.2 0.6 0.2 0.3 Daily	-0.7 -0.2 0.0 -0.9 0.0 0.1 -3.3 2.1 0.1 1.2 0.8 0.2 1.0 -2.1 2.0 8 0.2 1.1 -0.2 Weekly	-3 -1 -6 -1 0 -5 -3 -5 -5 -5 -5 -3 6 -5 Monthly	8 -7 -9 -1 -2 -23 -3 24 43 6 9 -4 18 3 6 6 -7 -7 12 YTD
FTSE 100 Exercision 50 IBEX DAX CAC Most Calment Most Calment Most Calment Most Calment Most Calment Most Calment Most Calment Serror Samphal Can (Chalment Most Calment Samphal Can (Chalment Jakarte Modoresia) Bankang exerce US banka	6,772 3,038 8,648 10,620 4,551 16,539 611 73,675 61,939 45,406 4,633 1,780 2,087 74,205 698 3,283 5,137 Ievel 108.2 79,1	-0.4 0.7 0.3 0.4 0.9 2.0 1.1 1.2 -1.4 -0.1 -0.4 0.2 -0.4 -1.0 0.6 0.2 0.3 Daily 0.9 1.0	-0.7 -0.2 0.0 -0.9 0.0 0.1 -3.3 2.1 0.1 1.2 0.8 0.2 1.0 -2.1 2.0 1.1 -2.0 1.1 -0.2 Veckly 0.5 0.7	-3 -1 -6 -1 0 -5 4 -4 -5 2 -2 -2 -2 -2 -2 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	8 -7 -9 -1 -2 -23 -3 -3 -24 43 6 9 -4 18 3 6 -7 12 YTD 15 20
FTSE 100 Exercisions 50 IBCX Exercisions 50 ASC Adverses MSG Autometa MSG Autometa	6,772 3.038 8.648 10,620 4.551 16,539 611 73,675 61,993 45,065 4.633 1.780 2.087 74,205 698 3.283 5,137 i cvcl 108.2	-0.4 0.7 0.3 0.4 0.9 2.0 1.1 1.2 -1.4 -0.1 -0.4 0.1 -0.4 -1.0 0.6 0.2 0.3 Daily 0.9	-0.7 -0.2 0.0 -0.9 0.0 0.1 -3.3 2.1 0.1 1.2 0.8 0.2 1.0 -2.1 2.0 1.1 2.0 1.1 -0.2 Weekly 0.5	-3 -1 -6 -1 0 -5 4 -4 -4 -5 2 -2 -2 -2 5 -5 -3 6 5 -5 Monthly 19	8 -7 -9 -1 -2 -23 -3 -24 43 6 9 -4 18 3 6 -7 12 YTD 15
FTSE 100 Exercision 50 EEX Exe	6,772 3,038 8,648 10,620 4,551 16,539 611 73,675 61,993 45,406 4,633 1,780 2,087 74,205 698 3,283 5,137 1evel 108.2 79,1 55,8 20,5 55,8 20,5	-0.4 0.7 0.3 0.4 0.9 2.0 1.1 1.2 -1.4 -0.4 0.2 -0.4 0.2 -0.4 -1.0 0.6 0.2 0.3 Daily 0.9 1.0 0.6 1.0	-0.7 -0.2 0.0 0.1 -0.9 0.0 0.1 -3.3 2.1 0.1 1.2 0.8 0.2 1.0 -2.1 2.0 1.1 -0.2 Veckly 0.5 0.7 -0.5 1.0 0.8	-3 -1 -0 -5 -3 -4 -4 -4 -4 -5 -2 -2 -2 -5 -3 -6 -5 -5 -5 -5 -5 -1 19 19 14 13 22 22	8 -7 -9 -1 -2 -23 -3 -3 -24 43 6 9 -4 18 3 6 -7 12 YTD 15 20 8 22 28
FTSE 100 Exercision 50 IBEX DAX CAC AGE Alterns MSCI Latam * Iboxyeag diracib Modol MSCI DM Largers* Paland MSCI DM Largers* Paland MSCI DM Largers* NSCI DM La	6,772 3.038 8.648 10,620 4.551 16,539 611 73,675 61,993 45,406 4.633 1.780 2.087 74,205 698 3.283 5.137 Ievel 108.2 79,1 55.8 20.5 40.9 212.5 88.4	-0.4 0.7 0.3 0.4 0.9 2.0 1.1 1.2 -1.4 -0.4 0.2 -0.4 0.2 -0.4 0.2 0.3 Dsily 0.9 1.0 0.6 1.0	-0.7 -0.2 0.0 -0.9 0.0 -0.1 -3.3 2.1 0.1 1.2 0.8 0.2 1.0 -2.1 2.0 1.1 -0.2 1.0 -2.1 2.0 5 0.7 -0.5 0.7 -0.5 0.7 -0.8 0.0 -2.3	-3 -1 -6 -7 -7 -5 -3 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	8 -7 -9 -1 -2 -23 -3 -24 43 6 9 -4 18 3 6 -7 12 YTD 15 20 15 20 8 22 28 8 22 28 18 -18
FTSE 100 Exervision.50 EEX Exervision.50 EEX EXERVISION EEXERVISION EEXERVISIONOONOONOONOONOONOONOONOONOONOONOONOONO	6,772 3,038 8,648 10,620 4,551 16,539 611 73,675 61,993 45,406 4,633 1,780 2,087 74,205 698 3,283 5,137 ice 108,2 79,1 55,8 20,5 40,9 212,5 88,4 54,4	-0.4 0.7 0.3 0.4 0.9 2.0 1.1 1.2 -1.4 -0.1 -0.4 -0.4 -1.0 0.6 0.2 0.3 Daily 0.9 1.0 0.6 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	-0.7 -0.2 0.0 -0.9 0.0 -3.3 2.1 0.1 1.2 0.8 0.2 1.0 -2.1 2.0 1.1 -0.2 1.0 -2.1 2.0 0.5 0.7 -0.5 1.0 0.8 0.7 -0.5 1.0 0.8 0.0 -2.3 -2.5	-3 -1 -6 -1 0 -5 4 -4 -5 2 -2 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	8 -7 -9 -1 -2 -23 -3 -24 43 6 9 -4 18 3 6 -7 12 YTD 15 20 8 22 28 18 -18 4 4
FTSE 100 Exercision 50 IBEX DAX CAC AGE Alterns MSCI Latam * Iboxyeag diracib Modol MSCI DM Largers* Paland MSCI DM Largers* Paland MSCI DM Largers* NSCI DM La	6,772 3.038 8.648 10,620 4.551 16,539 611 73,675 61,993 45,406 4.633 1.780 2.087 74,205 698 3.283 5.137 Ievel 108.2 79,1 55.8 20.5 40.9 212.5 88.4	-0.4 0.7 0.3 0.4 0.9 2.0 1.1 1.2 -0.1 -0.4 -0.1 -0.4 -0.1 -0.4 -0.2 -0.4 -1.0 0.6 0.2 0.3 Daily 0.9 1.0 1.0 1.0 1.0	-0.7 -0.2 0.0 -0.9 0.0 -0.1 -3.3 2.1 0.1 1.2 0.8 0.2 1.0 -2.1 2.0 1.1 -0.2 1.0 -2.1 2.0 5 0.7 -0.5 0.7 -0.5 0.7 -0.8 0.0 -2.3	-3 -1 -6 -7 -7 -5 -3 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	8 -7 -9 -1 -2 -2 -3 -3 -3 -2 4 -3 -7 -7 -4 -18 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -2 -3 -3 -3 -3 -3 -3 -3 -3 -2 -3 -3 -2 -3 -3 -2 -3 -3 -2 -3 -3 -2 -3 -3 -2 -3 -3 -2 -3 -3 -2 -2 -3 -3 -2 -2 -3 -3 -2 -2 -3 -3 -2 -2 -3 -3 -2 -4 -4 -5 -4 -4 -5 -4 -4 -5 -5 -4 -4 -5 -5 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7
FTSE 100 Exercision 50 BEX Exercision 50 BEX MBG Latam ** boxed MSG Latam ** boxed Latam ** boxed Lata	6.772 3.038 8.648 10.620 4.551 16.539 611 73.675 61.93 45.406 4.633 1.780 2.087 74.205 698 3.283 5.137 ievel 108.2 79.1 55.8 20.5 40.9 212.5 88.4 54.4 54.4 10.7 14.7 12.6	0.4 0.7 0.3 0.4 0.9 0.2 0.1 1 1.2 0.4 0.2 0.4 0.2 0.4 0.2 0.4 0.0 0.6 0.0 0.6 0.0 0.6 1.0 0.6 1.0 0.6 0.6 0.0 0.3 0.0 0.3 0.2 0.0 1.1 1.2 0.2 0.0 1.2 0.2 0.0 1.2 0.2 0.0 1.2 0.2 0.0 1.2 0.2 0.0 1.2 0.2 0.0 1.2 0.2 0.0 1.2 0.2 0.0 1.2 0.2 0.0 1.2 0.2 0.0 1.2 0.2 0.0 1.2 0.2 0.0 1.2 0.2 0.0 1.2 0.2 0.0 0.2 0.0 0.2 0.0 0.2 0.0 0.2 0.0 0.2 0.0 0.2 0.0 0.2 0.0 0.2 0.0 0.2 0.0 0.0	-0.7 -0.2 0.0 -0.9 0.0 1 -3.3 2.1 0.1 -3.3 2.1 0.1 -3.3 2.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.0 0.2 0.0 0.0	-3 -1 -6 -5 -5 -5 -3 -6 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	8 -7 -9 -1 -2 -3 -3 -3 -3 -3 -2 -4 -4 -4 -4 -7 -7 -12 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7
FTSE 100 Exercision 50 EEX Exercision 50 EXE	6.772 3.038 8.648 10.620 4.551 16.539 611 73.675 61.993 45.406 4.633 1.780 2.087 74.205 698 3.283 5.137 i evel 108.2 9.1 55.8 20.5 88.4 54.4 54.4 54.4 54.4 54.4 54.4 54	-0.4 -0.7 -0.3 -0.3 -0.9 -0.9 -0.9 -0.9 -0.9 -0.1 -1.1 -1.2 -1.4 -0.1 -0.1 -0.1 -0.1 -0.4 -0.2 -0.3 -0.4 -0.2 -0.3 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9	-0.7 -0.2 -0.0 -0.0 -0.0 -0.1 -3.3 -2.1 -2.1 -2.1 -2.1 -2.1 -2.1 -2.1 -2.1	-3 -1 -6 -7 -7 -3 -4 -4 -4 -4 -4 -5 -5 -5 -5 -5 -5 -5 -5 -5 -3 -6 -5 -3 -1 19 -14 -13 -22 -22 -22 -22 -22 -22 -22 -22 -22 -2	8 7 9 -1 -2 -23 -3 -3 -3 -2 -24 -4 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3
FTSE 100 Exercision 50 IBCX DAX CAU DAX CAU DAX CAU DAX ASE Alterns MSCI CAU Deveque Brace MSCI CAU Deveque Brace MSCI CAU Deveque Brace National Deveque Brace National Deveque Brace National Deveque Brace National Development Develop	6.772 3.038 8.648 10.620 4.551 16.539 611 73.675 61993 45.406 4.633 45.406 4.633 45.406 4.633 5.137 1.780 2.087 74.205 698 3.283 5.137 108.2 79.1 55.8 20.5 40.9 212.5 88.4 40.9 212.5 88.4 41.7 14.7 12.6 2.0	-0.4 0.7 0.3 0.4 0.9 2.0 1.1 2.0 1.2 -1.4 0.1 0.4 0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.4 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	-0.7 -0.2 0.0 -0.9 0.0 0.1 -3.3 2.1 0.1 1.2 2.0 8 0.2 1.0 1.0 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 2.3 1.0 0.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-3 -1 -6 -7 -7 -3 -3 -3 -2 -2 -2 -2 -2 -2 -3 -3 -3 -3 -5 -5 -5 -5 -3 -3 -6 -5 -5 -5 -3 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -3 -3 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4	8 7 9 -1 2 2 3 3 2 4 4 3 6 9 -4 4 3 6 9 -4 4 3 6 7 7 12 20 8 22 28 8 22 28 8 18 -18 14 2 3 5 5 1 3 4 3 4 3 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
FTSE 100 Exercision 50 BCX Exercision 50 BCX AC BCX AC BCX BCX BCX BCX BCX BCX BCX BCX BCX BC	6,772 3,038 8,648 10,620 4,551 16,539 45,461 45,406 45,406 45,407 45,406 45,407 45,406 45,407 45,407 45,407 45,40 45,40 45,40 40,920	0.4 0.7 0.3 0.4 0.9 2.0 0.9 2.0 1.1 1.2 -1.4 -1.4 -1.4 -1.4 -1.4 -1.4 -1.4 -0.1 0.2 0.3 Daily 0.9 0.5 1.0 0.6 0.3 Daily 0.9 0.3 Daily 0.2 0.0 1.1 1.2 -1.4 -1.4 -1.4 -1.4 -1.4 -1.4 -1.4 -1.4	-0.7 -0.2 -0.0 -0.0 -0.0 -0.0 -0.1 -0.1 -0.2 -0.3 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2	-3 -1 -1 -1 -3 -5 -3 -4 -4 -4 -4 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	8 7 9 -1 2 -2 3 2 4 4 3 6 9 -4 4 18 3 6 -7 7 12 YTD 15 16 -7 7 20 8 22 28 8 4 -1 20 8 22 28 18 -1 1-3 4 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3
FTSE 100 Exercision 50 EEX Exercision 50 EXercisio	6.772 3.038 8.648 10.620 4.551 16.539 611 73.675 61.93 45.406 4.633 1.780 2.087 74.205 628 3.283 5.137 1.802 2.087 74.205 628 3.283 5.137 1.802 2.087 74.205 628 3.283 5.137 1.802 2.087 1.925 88.4 5.4 5.8 2.125 88.4 5.4 5.8 2.125 88.4 5.4 5.8 2.125 88.4 5.4 5.8 2.125 88.4 5.4 5.8 2.125 8.8 4.5 5.8 2.125 8.2 4.5 5.8 2.125 8.2 4.5 5.8 2.125 8.8 4.5 5.8 2.125 8.8 4.5 5.8 2.125 8.8 4.5 5.8 2.125 8.8 4.5 5.8 2.125 8.8 4.5 5.8 2.125 8.8 4.5 5.8 2.125 8.8 4.5 5.8 2.125 8.8 4.5 5.8 2.125 8.8 4.5 5.8 2.125 8.8 4.5 5.8 2.125 8.8 4.5 5.8 2.125 8.8 4.5 5.8 2.125 8.8 4.5 5.8 2.125 8.8 4.5 5.8 2.125 8.8 4.5 7.8 7.125 8.8 7.125 7.12	-0,4 -0,7 -0,3 -0,9 -2,0 -0,9 -2,0 -0,9 -2,0 -0,9 -2,0 -0,9 -2,0 -0,9 -0,9 -0,1 -0,1 -0,1 -0,1 -0,2 -0,4 -0,4 -0,4 -0,5 -0,6 -0,2 -0,6 -0,2 -0,6 -0,2 -0,6 -0,2 -0,6 -0,9 -0,9 -0,9 -0,9 -0,9 -0,9 -0,9 -0,9	-0.7 -0.2 -0.0 -0.0 -0.0 -0.1 -3.3 -2.1 -1.2 -0.8 -0.2 -1.1 -2.1 -2.1 -2.1 -2.1 -2.1 -2.1 -2	-3 -3 -1 -6 -5 -7 -7 -7 -3 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7	8 7 9 -1 2 -2 -23 -24 4 3 -2 4 4 3 6 -7 -7 12 YTD 15 20 8 22 8 8 22 8 8 22 8 18 4 -2 28 18 4 -3 5 1 -1 -2 -2 -2 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3
FTSE 100 Exervision. 50 IBCX Exervision. 50 Exervision. 50 MSC Latum * Iboxycapi Binoli Motical	6.772 3.038 3.038 3.038 3.038 3.038 3.048 3.038 3.04551 10.620 4.551 10.620 4.551 6.1593 9.611 7.300 2.087 7.4205 6.08 3.283 3.283 3.283 3.283 3.283 3.283 3.283 3.283 3.283 4.04 10.8.2	0.4 0.7 0.3 0.4 0.9 2.0 0.9 2.0 1.1 1.2 1.4 4.1 0.2 0.3 0.2 0.4 0.4 0.2 0.3 0.5 0.9 1.0 0.6 0.0 9 1.0 0.5 0.9 1.0 0.4 1.1 1.2 0.3 0.9 9 0.9 9 0.0 9 0.0 9 0.9 9 0.0 9 0.9 9 0.0 1.1 1.1 0.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.7 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-3 -3 -1 -1 -3 -5 -3 -3 -3 -2 -2 -2 -2 -2 -3 -3 -3 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	8 -7 -9 -1 -2 -2 -3 -3 -3 -3 -4 43 -6 -9 -4 43 -6 -7 -12 -2 -2 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3
FTSE 100 Exercision. 50 IBCX Exercision. 50 IBCX ACA MIB ASS Afteries MSCI Atternet MSCI Atternet HSCI Atternet HS	6.772 3.038 3.038 3.038 3.038 3.038 3.048 5.045 5.05 5.05 5.05 5.05 5.05 5.05 5.0	0.4 0.7 0.3 0.4 0.9 2.0 0.9 2.0 1.1 1.2 1.4 0.1 0.2 0.4 0.2 0.4 0.4 0.2 0.3 0.4 0.4 0.2 0.3 0.4 0.9 1.0 0.6 0.5 0.9 1.0 0.9 0.9 0.9 0.0 2.0 0.0 9 2.0 0.0 9 2.0 0.0 9 2.0 0.0 9 2.0 0.0 9 2.0 0.0 9 2.0 0.0 9 2.0 0.0 9 2.0 0.0 9 2.0 0.0 9 2.0 0.0 9 2.0 0.0 9 2.0 0.0 9 2.0 0.0 9 2.0 0.0 9 2.0 0.0 9 2.0 0.0 9 2.0 0.0 2.0 0.0 2.0 0.0 2.0 0.0 2.0 0.0 2.0 0.0 2.0 0.0 0	0.7 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-3 -1 -6 -7 -3 -3 -4 -4 -5 -5 -5 -5 -5 -5 -5 -3 -6 -5 -5 -5 -3 -6 -5 -14 -12 -2 20 20 20 20 -2 20 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	8 7 7 9 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
FTSE 100 Exercision 50 EXE Averses Exercision 50 EXE Averses Exercision 50 EXE Averses EXE	6.772 3.038 8.648 8.648 9.649	0.4 0.7 0.3 0.4 0.9 2.0 0.9 2.0 1.1 1.2 1.2 0.4 0.9 0.9 0.4 0.4 0.4 0.2 0.3 0.4 0.4 0.2 0.3 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	0.7 0.2 0.0 0.0 0.0 0.0 0.0 0.1 0.3 3.3 2.1 0.1 0.2 0.0 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-3 -3 -1 -6 -1 -0 -5 -4 -4 -4 -5 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	8 7 9 -7 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
FTSE 100 Eversion.50 EVEX.50 E	6.772 3.038 8.648 8.648 9.649	0.4 0.7 0.7 0.3 0.4 0.9 2.0 1.1 1.2 2.0 1.1 2.0 1.1 2.0 1.2 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.6 0.2 0.3 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	0.7 0.2 0.2 0.9 0.0 0.0 0.1 3.3 2.1 1.2 0.2 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	-3 -1 -6 -1 -0 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	8 -7 -9 -1 -2 -2 -3 -2 -3 -2 -3 -3 -4 -4 -3 -7 -7 -12 -9 -9 -4 -4 -3 -7 -7 -12 -2 -15 -20 -8 -22 -21 -12 -28 -3 -5 -28 -3 -4 -4 -29 -3 -3 -4 -4 -3 -3 -4 -4 -3 -3 -4 -4 -3 -3 -4 -4 -3 -3 -4 -4 -3 -3 -4 -4 -3 -3 -4 -4 -3 -3 -4 -4 -3 -3 -4 -4 -3 -3 -4 -4 -3 -3 -4 -4 -3 -3 -4 -4 -3 -3 -4 -4 -3 -4 -4 -4 -3 -4 -4 -4 -4 -3 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4
FTSE 100 Erwstons OF IECK Erwstons OF IECK Erwstons OF IECK Erwstons OF IECK Erwstons IECK IECK IECK IECK IECK IECK IECK IECK	6,7/22, 3,038,8,648,8,648,9,648,9,648,9,644,6539,9611,96,6539,9611,973,675,61,993,94,64,6333,94,64,6333,94,64,6333,94,64,633,94,64,633,94,64,633,94,164,74,74,74,74,74,74,74,74,74,74,74,74,74	0.4 0.7 0.7 0.3 0.4 0.4 0.4 0.4 0.4 0.4 0.2 0.4 1.1 1.2 0.4 0.4 0.4 0.4 0.4 0.6 0.2 0.3 0.4 0.4 0.6 0.3 0.5 0.1 0.1 0.1 0.0 0.6 0.7 0.3 0.5 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	0.7 0.2 0.2 0.9 0.9 0.1 1.3 1.2 1.0 1.0 1.1 1.2 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	-3 -1 -1 -1 -3 -1 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3	8 7 9 -2 -2 3 2 4 4 3 6 9 -4 4 3 6 9 -4 4 3 6 9 -4 4 3 6 9 9 -4 4 3 6 9 9 -4 18 3 6 -7 12 20 43 -7 18 -7 18 -7 20 -7 -7 20 -7 -7 20 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7
FTSE 100 Erworkon, SO Erworkon,	6.772 3.038 8.648 8.648 9.649	0.4 0.7 0.7 0.3 0.4 0.9 0.4 0.9 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	0.7 0.2 0.2 0.0 0.9 0.0 0.1 3.3 2.1 0.1 1.2 0.2 1.0 0.5 0.7 1.0 0.5 0.7 1.0 0.5 0.7 0.7 0.5 0.7 0.7 0.5 0.7 0.0 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	-3 -1 -6 -1 -0 -5 -4 -4 -4 -4 -4 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	8 -7 -9 -1 -2 -3 -3 -24 43 6 9 4 36 9 4 37 18 6 7 20 8 22 28 18 4 -2 -35 -2 -34 -6 -6 -9 18 4 -2 -35 -2 -114 -6 -14 -15 -2 -14 -15 -2 -14 -15 -14 -15 -14 -15 -16
FTSE 100 Erwstons, 50 BCX Ewstons, 50 BCX MIB MSG Latum ⁻¹ howens MSG Latum ⁻¹ howens MSG Latum ⁻² howens MSG Latum ⁻² howens HSG Latum ⁺² howens HSG L	6,7/22, 3,038,8,648,8,648,648,648,648,648,648,648,64	0.4 0.7 0.7 0.3 0.4 0.9 0.4 0.4 0.2 0.1 1.2 1.2 1.4 0.4 0.4 0.2 0.4 0.4 0.4 0.2 0.3 0.4 0.0 0.2 0.3 0.4 0.4 0.4 0.2 0.0 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	0.7 0.2 0.2 0.9 0.9 0.0 0.1 1.3 2.1 0.2 1.0 0.2 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.5 0.7 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	-3 -3 -1 -6 -1 -0 -5 -5 -5 -5 -5 -5 -5 -5 -3 -3 -3 -6 -5 -5 -5 -5 -5 -1 -7 -1 -7 -1 -7 -1 -7 -1 -7 -0 -9 -9 -6 -1 -1 -1 -1 -1 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	8 -7 -9 -1 -2 -2 -3 -2 -3 -2 -3 -3 -4 -4 -3 -7 -7 -1 -2 -2 -2 -2 -2 -1 -1 -6 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
FTSE 100 Erestions 50 ECENTIONE EXEMPTION EXEM	6.7/22 3.038 8.648 8.648 6.639 16.630 6.1991 45.406 6.1991 45.406 6.1991 45.406 6.1991 45.406 45.405 45.431 7.80 45.405 45.205 7.4.205 7.8 4.433 3.2833 7.85 4.4 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.	0.4 0.7 0.7 0.7 0.7 0.4 0.9 0.4 0.4 0.4 0.2 0.1 1.2 1.2 1.2 0.1 0.2 0.3 0.4 0.2 0.3 0.4 0.2 0.3 0.4 0.2 0.3 0.4 0.4 0.2 0.0 1.2 0.4 0.4 0.2 0.0 1.2 0.4 0.4 0.2 0.0 1.2 0.4 0.4 0.2 0.0 1.2 0.4 0.4 0.4 0.2 0.0 1.2 0.4 0.4 0.2 0.0 1.2 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	0.7 0.2 0.0 0.9 0.9 0.0 0.1 3.3 1.1 1.2 0.3 1.0 1.1 2.0 0.5 1.0 0.7 0.5 1.0 0.7 0.5 1.0 0.7 0.5 1.0 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.0 0.0 0.1 0.1 0.1 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-3 -1 -1 -1 -1 -1 -3 -4 -4 -4 -4 -4 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	8 7 9 -7 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
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FISE 100 FEXPSION 5 FEXPSION	6,772 6,772 8,648 8,648 16,539 16,539 6,139 6,139 16,1	0.4 0.7 0.7 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.7 0.2 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-3 -1 -1 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0	8 7 9 1 1 2 2 3 3 4 4 3 6 9 9 4 4 1 8 9 9 4 4 1 8 9 9 4 1 8 9 9 4 1 8 9 9 4 1 8 9 9 4 1 3 6 9 9 4 1 8 9 9 9 4 1 3 6 9 9 9 4 1 3 6 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
FISE 100 FEXOSOLOS DO FEXOSOLOS DO FEXOSOLOS DO FEXOSOLOS DO FEXOSOLOS DO FEXOSOLOS FEXOSOLO	6,772 8,078 8,048 8,048 9,048 9,045 10,059 1	0.4 0.7 0.7 0.3 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.1 0.1 1.2 0.1 1.2 0.1 1.2 0.2 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	0.7 0.2 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-3 -1 -1 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0	8 7 9 1 2 2 2 3 3 2 4 1 6 9 4 1 8 2 2 2 3 3 2 4 1 6 9 4 1 8 3 6 7 7 2 2 3 3 2 4 1 6 9 4 1 8 9 4 1 8 9 4 1 8 9 4 1 8 9 4 1 8 9 9 1 8 9 9 4 1 8 9 9 9 1 8 1 8 9 9 9 1 8 1 8 9 9 9 1 8 1 8
FISE 100 FISE 100 Eversion. 50 Eversion.	6,772,8 3,038,8,048,4 3,038,8,048,4 3,038,8,048,4 4,6351 16,359 4,619,0 4,619,0 4,619,0 4,630,4 4,630,4 4,630,4 4,630,4 4,630,4 4,630,4 4,650,450,450,450,450,450,450,450,450,450,4	0.4 0.7 0.7 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.7 0.2 0.2 0.0 0.0 0.1 0.1 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.2 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	-3 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	8 7 9 1 1 2 4 3 3 3 4 4 6 6 9 4 4 1 8 3 9 4 4 1 8 3 9 4 4 1 8 5 9 4 4 1 8 5 9 4 4 1 8 5 9 4 4 1 8 5 9 4 4 1 8 5 9 4 1 1 2 4 1 3 3 3 1 2 4 4 1 8 9 9 4 1 1 2 2 3 1 2 4 1 8 9 9 4 1 1 2 2 3 1 2 4 1 1 2 2 3 1 2 2 4 1 1 2 2 2 3 1 2 4 1 1 5 9 4 1 1 5 9 9 4 1 1 5 9 9 4 1 1 5 9 9 4 1 1 5 9 9 4 1 1 5 9 9 4 1 1 5 9 9 4 1 1 5 9 9 4 1 1 5 9 9 4 1 1 5 9 9 4 1 1 5 1 5 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
FISE 100 FEXPSION 500 FEXPSION 500 REX APPRIS AS APPRIS AS APPRIS AS APPRIS AS APPRIS AS APPRIS AS APPRIS AS APPRIS AS APPRIS AS APPRIS AS APP	6,772,8 3,038 3,048 3,048 3,048 3,048 3,048 4,643 4,643 4,643 4,643 4,643 4,643 4,643 4,643 4,643 4,643 4,643 4,643 4,643 4,742 6,854 4,645 4,742 6,75 6,854 4,107 7,108 2,087 7,097 7,007 7,007 7,007 7,007 7,007 7,007 7,007 7,007 7,007 7,007 7,007 7,007 7,007 7,007 7,000	0.4 0.7 0.7 0.3 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.1 0.1 1.1 1.2 1.4 1.4 0.1 1.1 0.1 0.2 0.2 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	0.7 0.2 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-3 -1 -1 -1 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0	8 7 9 1 1 2 2 3 3 2 4 4 1 8 6 7 2 2 4 1 1 3 3 2 4 4 1 8 9 4 4 1 8 9 4 4 1 8 9 4 4 1 8 9 4 4 1 8 9 4 4 1 3 3 2 4 1 1 3 2 4 1 1 3 2 4 1 1 3 2 2 2 1 1 1 5 2 0 8 2 2 2 1 1 1 5 2 0 8 2 2 2 1 1 1 5 2 2 0 8 1 8 1 1 3 2 2 2 1 1 1 5 2 2 2 1 1 1 5 2 2 2 1 1 1 5 2 2 2 1 1 1 5 2 2 2 1 1 1 5 2 2 2 1 1 1 5 2 2 2 1 1 1 5 2 2 2 2
FISE 100 FISE 100 FISE 100 Evestors AS FISE 100 EVESTOR AS FISE 100 F	6,772 8,078 8,048 8,048 9,048 9,045 10,057 1	0.4 0.7 0.7 0.3 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.1 0.1 1.1 1.2 0.1 0.1 0.2 0.2 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	0.7 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-3 -1 -1 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0	8 7 9 1 1 2 4 3 3 4 4 1 8 9 4 4 1 8 9 4 4 1 8 9 4 4 1 8 9 4 4 1 8 9 4 4 1 8 9 4 4 1 8 9 4 4 1 8 9 4 4 1 8 9 4 4 1 8 9 4 1 1 8 9 4 1 1 8 9 4 1 1 8 9 4 1 1 8 9 4 1 1 8 9 4 1 1 8 9 4 1 1 8 9 4 1 1 8 9 4 1 1 8 9 4 1 1 8 9 4 1 1 8 9 4 1 1 8 9 4 1 1 8 9 4 1 1 1 8 9 4 4 1 8 9 4 4 1 8 9 4 4 1 8 9 4 4 1 8 9 4 4 1 8 9 4 4 1 1 1 7 12 2 9 1 1 1 7 12 9 9 4 4 1 8 3 5 1 1 1 1 7 7 12 9 8 8 8 2 2 11 1 7 7 12 9 8 8 8 2 2 11 1 7 7 12 9 8 8 8 2 2 11 1 8 4 6 8 2 2 11 1 7 7 12 9 9 8 8 8 9 9 1 1 1 7 7 12 9 9 8 8 8 9 9 1 1 1 7 7 12 9 9 9 1 1 1 1 9 9 9 1 1 1 1 1 1 1 1
FISE 100 FISE 100 Eversion. 50 Eversion.	6,772,8 6,772,7 6,772,7 6,754,7 6,754,7 6,754,7 6,754,7 6,754,7 6,754,7 7,74,705 7,74,	0.4 0.7 0.7 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.7 0.2 0.2 0.0 0.0 0.1 0.1 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.2 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	-3 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	$ \begin{array}{c} 8 \\ 7 \\ 7 \\ 9 \\ 7 \\ 7 \\ 9 \\ 7 \\ \mathbf$





Debt markets	10Y, %, ch	anges in t Daily	ip) Week	Month	VTD
US (2-yr) US	1.10	0.4	1.6 1.5	25 48	6
GER (2-yr)	-0.75	1.4 0.4 1.9	1.5 -1.5 0.3	-13	-41
Germany France	0.22 0.70	1.9 -6.7	0.3 -0.8	6 23	-41 -29
Spain Italy	1.51	-5.0 -12.0	-1.3	28 36	-26 35
Portugal	3.62	1.7	-7.7 -1.0	28	110
Greece Japan (2-yr)	6.94 -0.17	-4.0 -2.4	3.1 -1.6	-146 7 -25	-135 -16
Japan Emerging Markets	-0.17 0.02	-1.3 Daily	6.2 Weekly	-25 Monthly	-25 YTD
Brazil	11.97	-0.9	10.6 3.9	56	-454
Colombia	4.65 7.31 7.35	0.0 -22.2 0.1	-39.0	36 2	-3
Mexico Peru	7.35 6.30	0.1	-3.7 -10.7	109 58	108 -118
Poland	3.59	8.8	7.5	47	65
Russia Turkey	8.93 10.77	5.5 -2.0	16.1 -8.0	34 92	-63 30
India Indonesia	6.32 8.20	631.9 -5.5	0.9 27.0	-48 92	-144 -54
Country ris	k (bp, chang	jes in bp)	27.0	52	-94
Developed Markets 10-yr sovereign spread vs Germany	level	Daily	Weekly	Monthly	YTD
France	48	-8.6	-1.1	18	12
Italy Portugal	172 339	-13.9	-8.0 -1.3	31 22	76 151
Spain	129	-6.9	-1.6	22	15
2-yr sovereign spread vs Germany France	12	-2.1	-2.1	9	9
Italy	83	-2.4	7.1	22	52
Portugal Spain	110 65	0.1 -0.5	-5.7 9.0	15 18	65 30
Emerging Markets	level	Daily	Weekly	Monthly	YTD
5-yr sovereign CDS * Brazil	296	-6	-6	26	-196
Chile	93	-2	-3	5	-34
Colombia Mexico	194 185	-6 -3	-8 -6	23 36	-45 15
Peru	121	-4	-2	18	-65
Venezuela Poland	4,423	160	430	695 8	-1620 11
Russia	222	-5	-3	-2	-80
Turkey China	289 119	-6 0	4	41 14	16 10
India Indonesia	142	1	4	5	-6 -52
Ris	174 k indicators		- 11	24	-92
Volatilty indicators (%)	level	Daily	Weekly	Monthly	YTD
VIX VST OXX	13 22	-2.9 -3.3	3	-21 13	-5 0
EM EFT volatility Index	22	-1.6	7	-6	-5
Dollar/euro volatility EM FX volatility index	11	2.4 -2.7	2	51 12	-11
Credit spread (BAA) (bps)	246 79	-1.4	-6	-14	-77 16
US bonds volatility index Banking 5 y CDS (bps) *	level	-1.2 Daily	Weekly	22 Monthly	16 YTD
US EZ	75 138	1.8	2	1 24	0
UK	106	4.0	3	7	28
Large Spanish Medium Spanish	148	3.5	4	31 16	11 13
Corporate 5y CDS (bps) *	171 level	2.0 Daily	4 Weekly	Monthly	YTD
US Non-financial	185	1.8	2	1	0
EZ Non-financial UK Non-financial	109 132	4.0	5 -6	-3	54 -60
Interbank mar	kets (%, cha	anges in bj			
EONIA Index	-0.35	Daily 0.00	Weekly 0.0	Monthly 0.0	YTD -0.2
Euribor 3m	-0.31	0.00	0.0	0.0	-0.2
Euribor 12m Libor 3m	-0.08 0.94	0.00	0.0	0.0	-0.1 0.3
Libor 12m	1.64	0.00	0.0	0.1	0.5
EZ TED spread 3m	49.2	0.80	1.5	-7.1	8.4
Main indices	k markets (100-00-0	Monthly	YTD
S&P500	2,208	Daily 0.3	Weekly 0.2	4	8
Dow Jones	19,131	0.2	0.6	5	10
Nikkei	18 307	-0.3	0.8		
Nikkei FTSE 100	18.307 6,772	-0.3 -0.4	0.8 -0.7	-3	-4
FTSE 100 EuroStoxx 50	6,772 3,038	-0.4 0.7	-0.7 -0.2	-3 -1	8 -7
FTSE 100 EuroStoxx 50 IBEX DAX	6,772 3,038 8,648 10,620	-0.4 0.7 0.3 0.4	-0.7 -0.2 0.0 -0.9	-3 -1 -6 -1	8 -7 -9 -1
FTSE 100 EuroStoxx 50 IBEX DAX CAC MIB	6,772 3,038 8,648 10,620 4,551 16,539	-0.4 0.7 0.3	-0.7 -0.2 0.0	-3 -1 -6 -1 0 -5	8 -7 -9
FTSE 100 EuroStoxx 50 IBEX DAX CAC MIB ASE Athens	6,772 3,038 8,648 10,620 4,551 16,539 611	-0.4 0.7 0.3 0.4 0.9 2.0 1.1	-0.7 -0.2 0.0 -0.9 0.0 0.1 -3.3	-3 -1 -6 -1 0	8 -7 -9 -1 -2 -23 -3
FTSE 100 EuroStoxx 50 IBEX DAX CAC MIB ASE Athens MSCI Latam* Tbovespa (Razi)	6,772 3,038 8,648 10,620 4,551 16,539 611 73,675 61,993	-0.4 0.7 0.3 0.4 0.9 2.0 1.1 1.2 -1.4	-0.7 -0.2 0.0 -0.9 0.0 0.1 -3.3 2.1 0.1	-3 -1 -6 -1 0 -5 -4 -4 -4 -4	8 -7 -9 -1 -2 -23 -3 24 43
FTSE 100 EuroStoxx 50 IBEX DAX CAC MIB ASE Athens MSCI Latam* Ibovespa (Brazi) Medod	6,772 3,038 8,648 10,620 4,551 16,539 611 73,675 61,993 45,406	-0.4 0.7 0.3 0.4 0.9 2.0 1.1 1.2 -1.4 -0.1	-0.7 -0.2 0.0 -0.9 0.0 0.1 -3.3 2.1 0.1 1.2	-3 -1 -6 -1 0 -5 4 -4 -4 -5	8 -7 -9 -1 -2 -23 -3 24 43 6
FTSE 100 EuroStoxx 50 IBEX EuroStoxx 50 IBEX CAC DAX CAC AX AX BA	6,772 3,038 8,648 10,620 4,551 16,539 611 73,675 61,993 45,406 4,633 1,780	-0.4 0.7 0.3 0.4 0.9 2.0 1.1 1.2 -1.4 -0.1 -0.4 0.2	-0.7 -0.2 0.0 -0.9 0.0 0.1 -3.3 2.1 0.1 1.2 0.8 0.2	-3 -1 -6 -1 0 -5 4 -4 -4 -4 -5 2 -2	8 -7 -9 -1 -2 -23 -3 24 43 6 9 -4
FTSE 100 EuroStoxx 50 BEX EuroStoxx 50 DAX CAC AC	6,772 3,038 8,648 10,620 4,551 16,539 611 73,675 61,993 45,406 4,633 1,780 2,087	-0,4 0,7 0,3 0,4 0,9 2,0 1,1 1,2 -1,4 -0,1 -0,4 0,2 -0,4	-0.7 -0.2 0.0 -0.9 0.0 0.1 -3.3 2.1 0.1 1.2 0.8 0.2 1.0	-3 -1 -6 -1 0 -5 4 -4 -4 -4 -5 2	8 -7 -9 -1 -2 -23 -3 -3 -24 43 6 9 -4 18
FTSE 100 Exercisions 50 IBEX DAX CAC MB MB MSC Latam * MSC Latam *	6,772 3,038 8,648 10,620 4,551 16,539 611 73,675 61,993 45,406 4,633 1,780 2,087 74,205 698	-0,4 0,7 0,3 0,4 0,9 2,0 1,1 1,2 -1,4 -0,1 -0,4 0,2 -0,4 -1,0 0,6	-0.7 -0.2 0.0 -0.9 0.0 0.1 -3.3 2.1 0.1 1.2 0.8 0.2 1.0 -2.1 2.0	-3 -1 -6 -1 0 -5 4 -4 -4 -5 2 -2 -2 5 -5 -3	8 -7 -9 -1 -2 -23 -3 24 43 6 9 -4
FTSE 100 EuroStoxx 50 BEX EuroStoxx 50 DAX CAC AC	6,772 3,038 8,648 10,620 4,551 16,539 611 73,675 61,993 45,406 4,633 1,780 2,087 74,205	-0,4 0,7 0,3 0,4 0,9 2,0 1,1 1,2 -1,4 -0,1 -0,4 0,2 -0,4 -1,0	-0.7 -0.2 0.0 -0.9 0.0 0.1 -3.3 2.1 0.1 1.2 0.8 0.2 1.0 -2.1	-3 -1 -6 -1 0 -5 4 -4 -4 -5 2 -2 -5 -5	8 -7 -9 -1 -2 -23 -3 24 43 6 9 -4 18 3
FTSE 100 Exercision 50 IBEX DAX CAC ACA ACA These MSC Islam * Ibeorepat Brace Motol Motol Motol Motol Motol Motol Motol Motol Motol Motol Motol Signaphi Con (China) Jalana fidoresia) Jalana fidoresia	6,772 3,038 8,648 10,620 4,551 16,539 611 73,675 61,993 45,406 4,633 1,780 2,087 74,205 698 3,283 5,137 Ievel	-0.4 0.7 0.3 0.4 0.9 2.0 1.1 1.2 -1.4 -0.1 -0.4 0.2 -0.4 -0.4 -0.4 0.2 0.6 0.2 0.3 Daily	-0.7 -0.2 0.0 -0.9 0.0 0.1 -3.3 2.1 0.1 1.2 0.8 0.2 1.0 -2.1 2.0 8 0.2 1.1 -0.2 Weekly	-3 -1 -6 -1 0 -5 -3 -5 -5 -5 -5 -3 6 -5 Monthly	8 -7 -9 -1 -2 -23 -3 24 43 6 9 -4 18 3 6 6 -7 -7 12 YTD
FTSE 100 Exercision 50 IBEX DAX CAC Most Calment Most Calment Most Calment Most Calment Most Calment Most Calment Most Calment Serror Samphal Can (Chalment Jakarta (Monresia) Jakarta (Monresia) Jakarta (Monresia) Jakarta (Monresia) Jakarta (Monresia)	6,772 3,038 8,648 10,620 4,551 16,539 611 73,675 61,939 45,406 4,633 1,780 2,087 74,205 698 3,283 5,137 Ievel 108.2 79,1	-0.4 0.7 0.3 0.4 0.9 2.0 1.1 1.2 -1.4 -0.1 -0.4 0.2 -0.4 -1.0 0.6 0.2 0.3 Daily 0.9 1.0	-0.7 -0.2 0.0 -0.9 0.0 0.1 -3.3 2.1 0.1 1.2 0.8 0.2 1.0 -2.1 2.0 1.1 -2.0 1.1 -0.2 Veckly 0.5 0.7	-3 -1 -6 -1 0 -5 4 -4 -5 2 -2 -2 -2 -2 -2 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	8 -7 -9 -1 -2 -23 -3 -3 -24 43 6 9 -4 18 3 6 -7 12 YTD 15 20
FTSE 100 Exercisions 50 IBCX Exercisions 50 ASC Adverses MSG Autometa MSG Autometa	6,772 3.038 8.648 10,620 4.551 16,539 611 73,675 61,993 45,065 4.633 1.780 2.087 74,205 698 3.283 5,137 i 028 1,283 5,127 i 108,2	-0.4 0.7 0.3 0.4 0.9 2.0 1.1 1.2 -1.4 -0.1 -0.4 0.1 -0.4 -1.0 0.6 0.2 0.3 Daily 0.9	-0.7 -0.2 0.0 -0.9 0.0 0.1 -3.3 2.1 0.1 1.2 0.8 0.2 1.0 -2.1 2.0 1.1 2.0 1.1 -0.2 Weekly 0.5	-3 -1 -6 -1 0 -5 4 -4 -4 -5 2 -2 -2 -2 5 -5 -3 6 5 -5 Monthly 19	8 -7 -9 -1 -2 -23 -3 -24 43 6 9 -4 18 3 6 -7 12 YTD 15
FTSE 100 Exercision 50 EEX Exe	6,772 3,038 8,648 10,620 4,551 16,539 611 73,675 61,993 45,406 4,633 1,780 2,087 74,205 698 3,283 5,137 Ievel 108.2 79,1 55,8 20,5 55,8 20,5	-0.4 0.7 0.3 0.4 0.9 2.0 1.1 1.2 -1.4 -0.4 0.2 -0.4 0.2 -0.4 -1.0 0.6 0.2 0.3 Daily 0.9 1.0 0.6 1.0	-0.7 -0.2 0.0 0.1 -0.9 0.0 0.1 -3.3 2.1 0.1 1.2 0.8 0.2 1.0 -2.1 2.0 1.1 -0.2 Veckly 0.5 0.7 -0.5 1.0 0.8	-3 -1 -0 -5 -3 -4 -4 -4 -4 -5 -2 -2 -2 -5 -3 -6 -5 -5 -5 -5 -5 -1 19 19 14 13 22 22	8 -7 -9 -1 -2 -23 -3 -3 -24 43 6 9 -4 18 3 6 -7 12 YTD 15 20 8 22 28
FTSE 100 Exercision 50 IBEX DAX CAC AGA Mobil Ibevepat Bracio Mobil Cali Mobil Mobil Cali Mobil Cali Cali Cali Cali Cali Cali Cali Ca	6,772 3.038 8.648 10,620 4.551 16,539 611 73,675 61,993 45,406 4.633 1.780 2.087 74,205 698 3.283 5.137 Ievel 108.2 79,1 55.8 20.5 40.9 212.5 88.4	-0.4 0.7 0.3 0.4 0.9 2.0 1.1 1.2 -1.4 -0.4 0.2 -0.4 0.2 -0.4 0.2 0.3 Daily 0.9 1.0 0.6 1.0	-0.7 -0.2 0.0 -0.9 0.0 -0.1 -3.3 2.1 0.1 1.2 0.8 0.2 1.0 -2.1 2.0 1.1 -0.2 1.0 -2.1 2.0 5 0.7 -0.5 0.7 -0.5 0.7 -0.8 0.0 -2.3	-3 -1 -6 -7 -7 -5 -3 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	8 -7 -9 -1 -2 -23 -3 -24 43 6 9 -4 18 3 6 -7 12 YTD 15 20 15 20 8 22 28 8 22 28 18 -18
FTSE 100 Exervision.50 EEX Exervision.50 EEX EXERVISION EEXERVISION EEXERVISIONOONOONOONOONOONOONOONOONOONOONOONOONO	6,772 3,038 8,648 10,620 4,551 16,539 611 73,675 61,993 45,406 4,633 1,780 2,087 74,205 698 3,283 5,137 ice 108.2 79,1 55,8 20,5 40,9 105,5 88,4 55,4,4	-0.4 0.7 0.3 0.4 0.9 2.0 1.1 1.2 -1.4 -0.1 -0.4 -0.4 -1.0 0.6 0.2 0.3 Daily 0.9 1.0 0.6 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	-0.7 -0.2 0.0 -0.9 0.0 -3.3 2.1 1.2 0.8 0.2 1.0 -2.1 2.0 1.1 -0.2 1.0 -2.1 2.0 0.5 0.7 -0.5 1.0 0.8 0.7 -0.5 1.0 0.8 0.0 -2.3 -2.5	-3 -1 -6 -1 0 -5 4 -4 -5 2 -2 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	8 -7 -9 -1 -2 -23 -3 -24 43 6 9 -4 18 3 6 -7 12 YTD 15 20 8 22 28 18 -18 4 4
FTSE 100 Exercision 50 IBEX DAX CAC AGA Mobil Ibevepat Bracio Mobil Cali Mobil Mobil Cali Mobil Cali Cali Cali Cali Cali Cali Cali Ca	6,772 3.038 8.648 10,620 4.551 16,539 611 73,675 61,993 45,406 4.633 1.780 2.087 74,205 698 3.283 5.137 Ievel 108.2 79,1 55.8 20.5 40.9 212.5 88.4	-0.4 0.7 0.3 0.4 0.9 2.0 1.1 1.2 -0.1 -0.4 -0.1 -0.4 -0.1 -0.4 -0.2 -0.4 -1.0 0.6 0.2 0.3 Daily 0.9 1.0 1.0 1.0 1.0	-0.7 -0.2 0.0 -0.9 0.0 -0.1 -3.3 2.1 0.1 1.2 0.8 0.2 1.0 -2.1 2.0 1.1 -0.2 1.0 -2.1 2.0 5 0.7 -0.5 0.7 -0.5 0.7 -0.8 0.0 -2.3	-3 -1 -6 -7 -7 -5 -3 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	8 -7 -9 -1 -2 -2 -3 -3 -3 -2 4 -3 -7 -7 -4 -18 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -2 -3 -3 -3 -3 -3 -3 -3 -3 -2 -3 -3 -2 -3 -3 -2 -3 -3 -2 -3 -3 -2 -3 -3 -2 -3 -3 -2 -3 -3 -2 -2 -3 -3 -2 -2 -3 -3 -2 -2 -3 -3 -2 -2 -3 -3 -2 -4 -4 -5 -4 -4 -5 -4 -4 -5 -5 -4 -4 -5 -5 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7
FTSE 100 Exercision 50 BEX Exercision 50 BEX MBG Latam ** MSCI Attam **	6.772 3.038 8.648 10.620 4.551 16.539 611 73.675 61.93 45.406 4.633 1.780 2.087 74.205 698 3.283 5.137 ievel 108.2 79.1 55.8 20.5 40.9 212.5 88.4 54.4 54.4 10.7 14.7 12.6	0.4 0.7 0.3 0.4 0.9 0.2 0.1 1 1.2 0.4 0.2 0.4 0.2 0.4 0.2 0.4 0.0 0.6 0.0 0.6 0.0 0.6 1.0 0.6 1.0 0.6 0.5 1.0 0.6 0.0 0.3 0.3 0.4 0.2 0.0 1.1 1.2 0.4 0.2 0.2 0.0 1.2 0.4 0.2 0.2 0.0 1.2 0.4 0.2 0.2 0.0 1.2 0.4 0.2 0.2 0.0 1.2 0.4 0.2 0.0 1.2 0.4 0.2 0.0 1.2 0.4 0.2 0.0 1.2 0.4 0.2 0.0 1.2 0.4 0.4 0.2 0.0 0.4 0.2 0.0 0.4 0.2 0.0 0.4 0.2 0.0 0.4 0.0 0.2 0.0 0.4 0.0 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-0.7 -0.2 0.0 -0.9 0.0 1 -3.3 2.1 0.1 -3.3 2.1 0.1 1.2 2.0 1.1 2.0 2.1 2.0 1.1 2.0 0.5 0.7 -0.5 0.7 0.0 8 0.6 6 -2.3 0.8 0.6 0.2 1.0 1.1 2.1 0.0 0.1 1.2 2.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-3 -1 -6 -5 -5 -5 -3 -6 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	8 -7 -9 -1 -2 -3 -3 -3 -3 -3 -2 -4 -4 -4 -4 -7 -7 -12 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7
FTSE 100 Exercision 50 EEX Exercision 50 EXErcision	6.772 3.038 8.648 10.620 4.551 16.539 611 73.675 61.993 45.406 4.633 1.780 2.087 74.205 698 3.283 5.137 i evel 108.2 9.1 55.8 20.5 88.4 54.4 54.4 54.4 54.4 54.4 54.4 54	-0.4 -0.7 -0.3 -0.3 -0.9 -0.9 -0.9 -0.9 -0.9 -0.1 -1.1 -1.2 -1.4 -0.1 -0.1 -0.1 -0.1 -0.4 -0.2 -0.3 -0.4 -0.2 -0.3 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9	-0.7 -0.2 -0.0 -0.0 -0.0 -0.1 -3.3 -2.1 -2.1 -2.1 -2.1 -2.1 -2.1 -2.1 -2.1	-3 -1 -6 -7 -7 -3 -4 -4 -4 -4 -4 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -3 -6 -5 -3 -1 19 -14 -13 -22 -22 -22 -22 -22 -22 -22 -22 -22 -2	8 7 9 -1 -2 -23 -3 -3 -3 -2 -24 -4 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3
FTSE 100 Exercision 50 IBCX DAX CAU DAX CAU DAX CAU DAX ASE Alterns MSCI CAU Deveque Brace MSCI CAU Deveque Brace MSCI CAU Deveque Brace Nation MSCI CAU Deveque Brace Nation Stanphal Cau Deveque Brace Nation Stanphal Stanphal Deveque Brace Nation Stanphal Deveque Brace Nation Nat	6.772 3.038 8.648 10.620 4.551 16.539 611 73.675 61993 45.406 4.633 45.406 4.633 45.406 4.633 5.137 1.780 2.087 74.205 698 3.283 5.137 108.2 79.1 55.8 20.5 40.9 212.5 88.4 40.9 212.5 88.4 41.7 14.7 12.6 2.0	-0.4 0.7 0.3 0.4 0.9 2.0 1.1 2.0 1.2 -1.4 0.1 0.4 0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.4 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	-0.7 -0.2 0.0 -0.9 0.0 0.1 -3.3 2.1 0.1 1.2 2.0 8 0.2 1.0 1.0 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 2.3 1.0 0.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-3 -1 -6 -7 -7 -3 -3 -3 -2 -2 -2 -2 -2 -2 -3 -3 -3 -3 -5 -5 -5 -5 -5 -3 -3 -6 -5 -5 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7	8 7 9 -1 2 2 3 3 2 4 4 3 6 9 -4 4 3 6 9 -4 4 3 6 7 7 12 20 8 22 28 8 22 28 8 18 -18 14 2 3 5 5 1 3 4 3 4 3 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
FTSE 100 Exercision 50 BCX Exercision 50 BCX AC BCX AC BCX BCX BCX BCX BCX BCX BCX BCX BCX BC	6,772 3,038 8,648 10,620 4,551 16,539 45,461 45,406 45,406 45,407 45,406 45,407 45,406 45,407 45,407 45,407 45,40 45,40 45,40 40,920	0.4 0.7 0.3 0.4 0.9 2.0 0.9 2.0 1.1 1.2 -1.4 -1.4 -1.4 -1.4 -1.4 -1.4 -1.4 -0.1 0.2 0.3 Daily 0.9 0.5 1.0 0.6 0.3 Daily 0.9 0.3 Daily 0.2 0.0 1.1 1.2 -1.4 -1.4 -1.4 -1.4 -1.4 -1.4 -1.4 -1.4	-0.7 -0.2 -0.0 -0.0 -0.0 -0.0 -0.1 -0.1 -0.2 -0.3 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2	-3 -1 -1 -1 -3 -5 -3 -4 -4 -4 -4 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	8 7 9 -1 2 -2 3 2 4 4 3 6 9 -4 4 18 3 6 -7 7 12 YTD 15 16 -7 7 20 8 22 28 8 4 -1 20 8 22 28 18 -1 1-3 4 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3
FTSE 100 Exercision 50 EEX Exercision 50 EXercisio	6.772 3.038 8.648 10.620 4.551 16.539 611 73.675 61.93 45.406 4.633 1.780 2.087 74.205 628 3.283 5.137 1.802 2.087 74.205 628 3.283 5.137 1.802 2.087 74.205 628 3.283 5.137 1.802 2.087 79.1 55.8 20.5 88.4 54.4 54.4 54.4 54.4 59.9 1.2 5.5 89.9 1.2 5.5	-0,4 -0,7 -0,3 -0,9 -2,0 -0,9 -2,0 -0,9 -2,0 -0,9 -2,0 -0,9 -2,0 -0,9 -2,0 -0,9 -0,9 -0,1 -0,1 -0,1 -0,1 -0,2 -0,4 -0,4 -0,4 -0,5 -0,2 -0,6 -0,2 -0,6 -0,9 -0,9 -0,9 -0,9 -0,9 -0,9 -0,9 -0,9	-0.7 -0.2 -0.0 -0.0 -0.0 -0.1 -3.3 -2.1 -1.2 -0.8 -0.2 -1.1 -2.1 -2.1 -2.1 -2.1 -2.1 -2.1 -2	-3 -3 -1 -6 -5 -7 -7 -7 -3 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7	8 7 9 -1 2 -2 -23 -24 4 3 -2 4 4 3 6 -7 -7 12 YTD 15 20 8 22 8 8 22 8 8 22 8 18 4 -2 28 18 4 -3 5 1 -1 -2 -2 -2 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3
FTSE 100 Exervision. 50 IBCX CALL DAX CALL DAX CALL DAX CALL DAX CALL DAX CALL DAX DAX DAX DAX DAX DAX DAX DAX DAX DAX	6.772 3.038 3.038 3.038 3.038 3.038 3.048 3.038 3.04551 10.620 4.551 10.620 4.551 6.1593 9.611 7.300 2.087 7.4205 6.08 3.283 3.283 3.283 3.283 3.283 3.283 3.283 3.283 3.283 4.04 10.8.2	0.4 0.7 0.3 0.4 0.9 2.0 0.9 2.0 1.1 1.2 1.4 4.1 0.2 0.3 0.2 0.4 0.4 0.2 0.3 0.5 0.9 1.0 0.6 0.0 9 1.0 0.5 0.9 1.0 0.4 1.1 1.2 0.3 0.9 9 0.9 9 0.0 9 0.0 9 0.9 9 0.0 9 0.9 9 0.0 1.1 1.1 0.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.7 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-3 -3 -1 -1 -3 -5 -3 -3 -2 -2 -2 -2 -3 -3 -3 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	8 -7 -9 -1 -2 -2 -3 -3 -3 -3 -4 43 -6 -9 -4 43 -6 -7 -12 -2 -2 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3
FTSE 100 Exercision. 50 IBCX Exercision. 50 IBCX ACA MIB ASS Afteries MSCI Atternet MSCI Atternet HSCI Atternet HS	6,772,2 3,038,8,648, 4,551,10,620,4,551, 10,620,4,551,10,6539, 611,913,17,800,4,54,406,46,83,40,47,4205, 64,933,42,420,420,420,420,420,420,420,420,420,	0.4 0.7 0.3 0.4 0.9 2.0 0.9 2.0 1.1 1.2 1.4 0.1 0.2 0.4 0.2 0.4 0.4 0.2 0.3 0.4 0.4 0.2 0.3 0.4 0.9 1.0 0.6 0.5 0.0 9 1.0 0.5 0.9 0.9 0.0 1.1 1.2 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.7 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-3 -1 -6 -7 -3 -3 -4 -4 -5 -5 -5 -5 -5 -5 -5 -3 -6 -5 -5 -5 -14 -12 -2 20 20 20 20 3 1 -1 -1 -2 -2 -2 -2 -2 -3 -3 -6 -5 -5 -3 -3 -6 -5 -5 -3 -3 -6 -5 -5 -3 -3 -6 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	8 7 7 9 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
FTSE 100 Exercision 50 EXE Averses Exercision 50 EXE Averses Exercision 50 EXE Averses EXE	6.7/22 3.038 8.648 8.648 10.620 4.551 10.620 4.553 61193 73.675 61.993 74.205 619 4.633 2.087 74.205 608 2.087 74.205 608 2.087 79.1 79.51 55.8 85.4 4 10.7 20.5 79.1 19.5 20.5 74.205 79.1 19.5 85.4 4 10.7 20.5 71.2 55.8 85.4 19.7 20.5 71.3 57.3 55.8 55.8 55.8 55.8 55.8 55.8 55.8 55	0.4 0.7 0.3 0.4 0.9 2.0 0.9 2.0 1.1 1.2 1.2 0.4 0.9 0.9 0.4 0.4 0.4 0.2 0.3 0.4 0.4 0.2 0.3 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	0.7 0.2 0.0 0.0 0.0 0.0 0.1 3.3 2.1 0.1 0.2 0.0 0.2 0.1 0.2 0.0 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-3 -3 -1 -6 -1 -0 -5 -4 -4 -4 -5 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -3 -3 -5 -5 -5 -5 -5 -5 -3 -3 -3 -3 -3 -3 -1 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3	8 7 9 -7 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
FTSE 100 Eversion.50 EVEX.50 E	6.772 3.038 8.648 8.648 9.649	0.4 0.7 0.7 0.3 0.4 0.9 2.0 1.1 1.2 2.0 1.1 2.0 1.1 2.0 1.2 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.6 0.2 0.3 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	0.7 0.2 0.2 0.9 0.0 0.0 0.1 3.3 2.1 1.2 0.2 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	-3 -1 -6 -1 -0 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	8 -7 -9 -1 -2 -2 -3 -2 -3 -2 -3 -3 -4 -4 -3 -7 -7 -12 -2 -1 -1 -3 -4 -3 -5 -2 -2 1 -1 -3 -4 -4 -6 -2 -2 -3 -1 -2 -3 -3 -4 -4 -3 -3 -3 -4 -4 -3 -3 -3 -4 -4 -3 -3 -3 -4 -4 -3 -3 -3 -4 -3 -3 -4 -3 -3 -4 -3 -3 -4 -3 -3 -4 -3 -3 -4 -3 -3 -4 -3 -3 -4 -3 -3 -4 -3 -4 -3 -3 -4 -3 -4 -3 -3 -4 -4 -3 -3 -4 -4 -3 -3 -4 -4 -3 -3 -4 -4 -3 -4 -4 -3 -4 -4 -3 -4 -4 -4 -3 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4
FTSE 100 Erwstons OF IECK Erwstons OF IECK Erwstons OF IECK Erwstons OF IECK Erwstons IECK IECK IECK IECK IECK IECK IECK IECK	6,7/22, 3,038,8,648,8,648,9,648,9,648,9,644,6539,9611,96,6539,9611,973,675,61,993,94,64,6333,94,64,6333,94,64,633,94,64,633,94,64,633,94,64,633,94,164,74,164,164,164,164,164,164,164,164,164,16	0.4 0.7 0.7 0.3 0.4 0.4 0.4 0.4 0.2 0.4 1.1 1.2 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.6 0.2 0.3 0.4 0.4 0.6 0.3 0.5 0.10 0.10 0.6 0.7 0.3 0.5 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	0.7 0.2 0.2 0.9 0.9 0.1 1.3 1.2 1.0 1.0 1.1 1.2 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	-3 -1 -1 -1 -1 -1 -1 -1 -1 -1 -5 -4 -4 -4 -4 -4 -4 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	8 7 9 -2 -2 3 2 4 4 3 6 9 -4 4 3 6 9 -4 4 3 6 9 -4 4 3 6 9 9 -4 4 3 6 9 9 -4 18 3 6 -7 12 20 43 -7 18 -7 18 -7 20 -7 -7 20 -7 20 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7
FTSE 100 Erworkon, SO Erworkon,	6.772 3.038 8.648 8.648 9.649	0.4 0.7 0.7 0.3 0.4 0.9 0.4 0.9 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	0.7 0.2 0.2 0.0 0.9 0.0 0.1 3.3 2.1 0.1 1.2 0.2 1.0 0.5 0.7 1.0 0.5 0.7 1.0 0.5 0.7 0.7 0.5 0.7 0.7 0.5 0.7 0.0 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	-3 -1 -6 -1 -0 -5 -4 -4 -4 -4 -4 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	8 -7 -9 -1 -2 -3 -3 -24 43 6 9 4 36 9 4 37 18 6 7 20 8 22 28 18 4 -2 -35 -2 -34 -6 -6 -9 18 4 -2 -35 -2 -114 -6 -14 -15 -2 -114 -14 -15 -2 -14 -15 -14 -15 -16 -17
FTSE 100 Erwstons, 50 BCX Ewstons, 50 BCX MIB MSG Latum ⁻¹ howens MSG Latum ⁻¹ howens MSG Latum ⁻² howens MSG Latum ⁻² howens HSG Latum ⁺² howens HSG L	6,7/22, 3,038,8,648,8,648,648,648,648,648,648,648,64	0.4 0.7 0.7 0.3 0.4 0.9 0.4 0.4 0.2 0.1 1.2 1.2 1.4 0.4 0.4 0.2 0.4 0.4 0.4 0.2 0.3 0.4 0.4 0.2 0.0 0.4 0.4 0.4 0.2 0.0 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	0.7 0.2 0.2 0.9 0.9 0.0 0.1 1.3 2.1 0.2 1.0 0.2 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.5 0.7 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	-3 -3 -1 -6 -1 -0 -5 -5 -5 -5 -5 -5 -5 -5 -3 -3 -3 -6 -5 -5 -5 -5 -5 -1 -7 -1 -7 -1 -7 -1 -7 -1 -7 -0 -9 -9 -6 -1 -1 -1 -1 -1 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	8 -7 -9 -1 -2 -2 -3 -2 -3 -2 -3 -3 -4 -4 -3 -7 -7 -1 -2 -2 -2 -2 -2 -1 -1 -6 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
FTSE 100 Erestions 50 ECENTROL EXERCTION ECENTROL EXERCTION EXERCT	6.7/22 3.038 8.648 8.648 6.639 16.630 6.1991 45.406 6.1991 45.406 6.1991 45.406 6.1991 45.406 8.1991 45.406 8.1991 45.406 45.907 45.087 45.2087 74.205 73.283 73.5 8.54 40.9 20.2 212.5 8.54.4 10.7 22.087 75.5 6.51.8 5.4 4.0 3.29.9 21.2 5.5 5.7 75.5 6.51.8 5.7 75.7 75.7 75.7 75.7 75.7 75.7 75.	0.4 0.7 0.7 0.7 0.7 0.4 0.9 0.4 0.4 0.4 0.2 0.1 1.2 1.2 1.2 0.1 0.2 0.3 0.4 0.2 0.3 0.4 0.2 0.3 0.4 0.2 0.3 0.4 0.4 0.2 0.3 0.4 0.4 0.2 0.0 1.1 2 0.4 0.4 0.2 0.0 1.2 0.4 0.4 0.2 0.0 1.2 0.4 0.4 0.2 0.0 1.2 0.4 0.4 0.4 0.2 0.0 1.2 0.4 0.4 0.2 0.0 1.2 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	0.7 0.2 0.0 0.9 0.9 0.0 0.1 3.3 1.1 1.2 0.3 1.0 1.1 2.0 0.5 1.0 0.7 0.5 1.0 0.7 0.5 1.0 0.7 0.5 1.0 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.0 0.0 0.1 0.1 0.1 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-3 -1 -1 -1 -1 -1 -3 -4 -4 -4 -4 -4 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	8 7 9 -7 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
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