

## Market Comment | Volatility receded in Europe, awaiting tomorrow's ECB meeting

Global Financial Markets Unit 18 Jan 2017

- Volatility receded in Europe and stocks rose slightly, awaiting tomorrow's ECB meeting at which we
   (and the market consensus) expect the ECB to remain on hold after the actions taken in December 2016.
   Positive earnings reports from the US offset the fall in oil prices and contributed to halting the relatively
   negative mood in the market early this week. The major market sensitive events were the following:
- Global stocks were little changed across the board, despite positive earnings reports from some major US companies (see), while the USD broke its 5-day declining trend. Lower oil prices and a higher USD dragged down EM currencies across the board.
- Sovereign bond yields inched up, after several days of slight decreases, with the exception of Portugal, whose sovereign bond yields declined as the Portuguese government expects to comply with the EU deficit target (see).
- Oil prices declined following the publication of OPEC's monthly oil market report (see), which shows
  that OPEC need to maintain output cuts beyond the first half of this year to balance the market, given
  higher-than-expected US oil output forecast.

Update 18 CET 18 January, 2017 Table 1



Debt market	s ( 10Y, %, ch	anges in t	p)		
Developed Markets US (2-yr)	1.17	2.0	-1.3	Month -5	Year 14
US GER (2-yr) Germany	2.38 -0.72	5.1 1.6	0.4	-16 9	13 -36
France	0.36 0.83 1.45	3.9 4.1 5.9	3.2 5.7 3.7	11 12 9	-21 -11 -27
Spain Italy Portugal	1.96	4.9	9.8 -13.2	15 8	42 129
Greece Japan (2-yr)	7.14	-0.2 3.2 -0.4	24.2	-6 -6	-101
Japan Emerging Markets	0.06 level	-0.4 -0.8 Daily	-3.1 Weekly	-21 Monthly	-22 -21 Year
Brazil Chile	11.05 4.20	4.0 0.9	-21.6 1.0	-86 -18	-536 -45
Colombia Mexico	6.86 7.68	1.1 6.3	7.3 1.0	-36 43	-188 147
Peru Poland	6.18 3.63	0.9	-12.7 7.3 -13.0	-22 22	-134 47 -133
Russia Turkey	8.19 11.06	-0.7 12.0	-54.0	-42 -4	-133 29 -127
India Indonesia	6.45 7.52	3.2 -0.1	6.0 -22.7	-6 -40	-127 -130
Country r Developed Markets	isk (bp. chang level	es in bp) Daily	Weekly	Monthly	Year
10-yr sovereign spread vs Germany France	47	0.2	2.5	1	10
Italy Portugal	160 348	1.0 -4.1	6.6 -16.4	-3	62 150
Spain 2-yr so vereign spread vs Germany	109	2.0	0.5	-2	-6
France Italy	14 62	-1.8 -2.7	3.0 0.0	-2 -5	10 26
Portugal Spain	90 42	-2.4 -2.7	-3.2 -0.6	-14 -13	47 9
Emerging Markets 5-yr sovereign CDS*	level	Daily	Weekly	Monthly	Year
Brazil Chile	246 81	-2 0	-11 -2	-42 -5	-248 -50
Colombia Mexico	148 169	-2 0	-8 -9	-13 15	-93 -4
Peru Venezuela	104 3,808	-17	-5 51	-3 -133	-83 -2351
Poland Russia	70 180	0	1 7	-8 -1	-2 -124
Turkey	279 114	-5 1	-3 0	-1	5
India Indonesia	122	2	4	-5 -11	-28 -78
R	isk indicators				
Volatilty indicators (%) VIX	12	Daily 4.7	Weekly 10	Monthly 6	Year -8
VSTOXX EM EFT volatility Index	15 18	-5.2 -1.1	-5 -2	-2 -5	-12 -30
Dollar/euro volatility EM FX volatility index	9 11	-4.8 -1.1	-13 -4	-17 -4	-13 -6
Credit spread (BAA) (bps) US bonds volatility index	221 74	-5.1 -0.8	-1 2	-2 -2	-102 7
Banking 5 y CDS (bps) * US	level 73	Daily 0.4	Weekly 0	Monthly -1	Year -2
EZ UK	108 92	1.0	-2 -1	-9 -2	25 15
Large Spanish Medium Spanish	118 156	0.6 -0.2	-5 6	-9 1	-19 -5
Corporate 5y CDS (bps) * US Non-financial	level 153	Daily 0.4	Weekly	Monthly -1	Year -2
EZ Non-financial UK Non-financial	99 123	1.0	-2 0	-9 -2	25 -71
Interbank m		inges in b		-2	-71
EONIA Index	-0.35	0.00	0.0	0.0	-0.1
Euribor 3m Euribor 12m	-0.33 -0.10	0.00	0.0	0.0	-0.2 -0.2
Libor 3m Libor 12m	1.02 1.70	0.00	0.0	0.0	0.4
EZ TED spread 3m	56.9 ck markets (	-3.50	-2.7	-5.3	11.5
	land (	Daily			Vent
		Dally	Weekly	MORENEY	
S&P500	2.269 19,803	0.1	-0.3	0 0	13 15
S&P500 Dow Jones Nikkel FTSE 100	19,803 18,894 7,248	0.1 -0.1 0.4 0.4	-0.3 -0.8 -2.4 -0.6	0 0 -3 3	13 15 2 19
S&P500 Dow Jones Nikkel FTSE 100 EuroStoxx 50	19,803 18,894 7,248 3,294	0.1 -0.1 0.4 0.4 0.3	-0.3 -0.8 -2.4 -0.6 -0.4	0 -3	15
S&P500 Dow Jones Nikkel FTSE 100 EuroStoxx 50 IBBEX DAX	19,803 18,894 7,248	0.1 -0.1 0.4 0.4 0.3 -0.1	-0.3 -0.8 -2.4 -0.6	0 -3 3 1	15 2 19 4
SAP500 Dow Jones Nikkei FTSE 100 EuroStoxx 50 IBEX DAX CAC MIB ASSE Athens	19,803 18,894 7,248 3,294 9,384 11,599 4,853 19,355 643	0.1 -0.1 0.4 0.4 0.3 -0.1 0.5 -0.1	-0.3 -0.8 -2.4 -0.6 -0.4 -0.3 -0.4 -0.7 -0.7	0 -3 3 1 1 2	15 2 19 4 1
S&P500 Dow Jones Nédel FTSE 100 EuroStoux 50 IBEX DAX CAC MIB MB MB MB ASE Athens	19,803 18,894 7,248 3,294 9,384 11,599 4,853 19,355 643 75,127 64,680	0.1 -0.1 0.4 0.4 0.3 -0.1 0.5 -0.1 0.3 0.2 0.7 0.5	-0.3 -0.8 -2.4 -0.6 -0.4 -0.3 -0.4 -0.7 -0.7 -3.0 2.2	0 -3 3 1 1 2 1 2 2 6	15 2 19 4 1 1 13 7
SAP500 Down Jones Nikkel FFSE TOO ExerStorus 50 BECX DAX CAC MIB ASE Alteris MSG Latam * Iboverpa (Raziō) ModOd ModOd ModOd	19,803 18,894 7,248 3,294 9,384 11,599 4,853 19,355 643 75,127 64,680	0.1 -0.1 0.4 0.4 0.3 -0.1 0.5 -0.1 0.3 0.2 0.7 0.5	-0.3 -0.8 -2.4 -0.6 -0.4 -0.3 -0.4 -0.7 -0.7 -3.0	0 -3 3 1 1 2 1 2	15 2 19 4 1 13 7 -7 4 27
\$40900 Dow Jones Nikkel FFSE 100 EuroStoux 50 EECX DAX CAC MAIC MINE MINES MSC Latem Boverage Glazz MSC Marc MSC Marc Mod MSC Latem Boverage Glazz MSC	19,803 18,894 7,248 3,294 9,384 11,599 4,853 19,355 643 75,127 64,680 46,340 4,950 2,006	0.1 -0.1 0.4 0.4 0.3 -0.1 0.5 -0.1 0.3 0.2 0.7 -0.5 -0.7 -0.3 -0.5	-0.3 -0.8 -2.4 -0.6 -0.4 -0.3 -0.4 -0.7 -0.7 -3.0 -2.2 -3.6 -0.9 -1.2	0 -3 3 1 1 2 1 2 2 6 13 3 0 4	15 2 19 4 1 13 7 -7 4 27 53 10 17
SAPSOO Dow Jones Nikkel FFSE TIO EuroStoox SO BEEX AND SOO SOO BEEX ACK Allers MSG Latam* Bloverson Genzöl Mostot Method MSG Letters MSG L	19,803 18,894 7,248 3,294 9,384 11,599 4,853 19,355 643 75,127 64,680 46,340 4,950 2,006 2,170 82,779	0.1 -0.1 0.4 0.4 0.3 -0.1 0.5 -0.1 0.3 0.2 0.7 0.5 0.7 -0.3	0.3 -0.8 -2.4 -0.6 -0.4 -0.3 -0.4 -0.7 -0.7 -3.0 -2.2 -3.6 -0.9 -0.9 -1.2 -2.2 -6.6	0 -3 3 1 1 2 1 2 2 6 13 3 0	15 2 19 4 1 13 7 -7 4 27 53 10
SAEPSOO Down Jones Niked TSE 100 DOWN JONES DOWN SO BEX DOX CAC MSK Allems Blowreps (BoxE) ModOd ModOd ModOd ModOd ModOd ModOd Mod Mala* Stempte (Chia) Stempte (Chia)	19,803 18,894 7,248 3,294 9,384 11,599 4,853 19,355 643 75,127 64,680 46,340 4,950 2,006 2,170 82,779 713 3,113	0.1 -0.1 0.4 0.3 -0.1 0.5 -0.1 0.3 0.2 0.7 -0.3 -0.5 -0.4 0.5 -0.4 0.5	0.3 -0.8 -0.4 -0.6 -0.4 -0.3 -0.4 -0.7 -3.0 -0.2 -0.6 -0.9 -1.2 -0.2 -0.6 -0.3 -0.4 -0.7 -0.7 -0.0 -	0 -3 -3 -3 -1 -1 -2 -1 -1 -2 -6 -6 -13 -3 -0 -4 -2 -7 -3 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0	15 2 19 4 1 1 13 7 -7 4 27 53 10 17 11 25 17 8 -6
SAEPSO Down Jones Niked 175 E 100 S Niked 175 E 100 S Niked 185 A DAX CAC AC	19,803 18,894 7,248 3,294 9,384 11,599 4,853 19,355 643 75,127 64,680 46,340 4,950 2,006 2,170 82,779 713 3,113 5,295 level	0.1 -0.1 0.4 0.3 -0.1 0.5 -0.1 0.3 0.2 0.7 -0.3 -0.5 0.7 -0.3 -0.5 0.7 -0.4 0.5 -0.4 0.5 -0.5	-0.3 -0.8 -2.4 -0.6 -0.4 -0.3 -0.7 -0.7 -3.0 -2.2 -3.6 -0.9 -0.9 -1.2 -2.2 -6.6 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9	0 -3 -3 -3 -1 -1 -2 -1 -2 -6 -13 -3 -0 -4 -2 -7 -3 -0 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	15 2 19 4 1 13 7 -7 4 27 53 10 17 11 25 17 8 -6 15 Year
SAPPSO Down Jones Niked 175 E 100 S Niked 175 E 100 S Niked 185 A	19,803 18,894 7,248 3,294 9,384 11,599 4,853 19,355 643 75,127 64,680 46,340 4,950 2,006 2,170 82,779 713 3,113 5,295 level 115,4	0.1 -0.1 0.4 0.3 -0.1 0.5 -0.1 0.3 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 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-0.3 -0.8 -2.4 -0.6 -0.4 -0.3 -0.4 -0.7 -0.7 -3.0 -2.2 -3.6 -0.9 -1.2 -2.2 -6.6 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.4 -0.5 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9	0 -3 -3 -3 -1 -1 -2 -1 -1 -2 -6 -6 -13 -3 -0 -4 -2 -7 -3 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0	15 2 19 4 1 13 7 -7 4 27 53 10 17 11 25 17 11 25 17 15 17 11 25 17 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19
SAPPSO Down Jones Niked 17-15-1100 Down Jones Niked 17-15-1100 DAX CAC CAC MASS JOHN MASS Latam MAS	19,803 18,894 7,248 3,294 9,384 11,599 4,853 19,355 643 75,127 64,680 46,340 4,950 2,006 2,170 82,779 713 3,113 5,295 level 115,4 83,4 57,5 22,4	0.1 -0.1 0.4 0.3 -0.1 0.5 -0.1 0.3 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 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.3 -0.8 -2.4 -0.6 -0.4 -0.3 -0.4 -0.7 -3.0 -2.2 -3.6 -0.9 -0.9 -1.2 -2.2 -6.6 -0.3 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8	0 -3 3 1 1 2 2 2 6 13 3 0 4 -2 7 3 0 0 1 1 Monthly -2 -2 -4 -1 1	15 2 19 4 1 13 7 -7 4 27 53 10 17 11 25 17 8 -6 15 15 Year 25 31 12 36
SAEPSO Down Jones Noted Noted Noted Noted Noted Noted Down Jones D	19,803 18,894 7,248 3,294 9,384 11,599 4,853 19,355 643 75,127 64,680 4,950 2,006 2,170 82,779 713 3,113 5,295 level 115,4 83,4 57,5 2,4 4,6 33,8	0.1 -0.1 -0.4 -0.4 -0.5 -0.1 -0.5 -0.1 -0.5 -0.7 -0.3 -0.5 -0.4 -0.5 -0.4 -0.5 -0.4 -0.5 -0.4 -0.5 -0.4 -0.5 -0.1 -0.5 -0.7 -0.7 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8	0.3 0.8 2.4 0.6 0.4 0.3 0.4 0.7 3.0 2.2 3.6 0.9 0.9 0.9 1.2 2.2 6.6 0.3 0.8 0.9 3.7 4.2 4.2 3.1 2.5 4.9	0 -3 3 1 1 1 2 2 1 2 6 6 13 3 0 4 4 -2 2 7 7 3 0 1 1 Monthly -2 -4 4 -1 -2 -2	15 2 19 4 1 1 3 7 -7 4 27 53 10 17 11 25 17 8 -6 15 15 Year 25 31 12 36 35 32
SAPPSO Down Jones Niked	19,803 18,894 7,248 3,294 11,599 4,853 19,355 643 75,127 64,680 2,006 2,170 82,779 713 3,113 5,295 level 115,4 83,4 57,5 22,4 42,6 233,8 101,4 59,7	0.1 -0.1 -0.1 -0.4 0.4 0.3 -0.1 0.5 -0.1 0.5 0.7 0.5 0.7 0.5 0.4 0.1 0.5 0.3 0.2 0.5 0.4 0.1 1.1 -0.8 0.1 1.4 -0.7	0.3 0.8 2.4 0.6 0.4 0.3 0.4 0.7 3.0 2.2 3.6 0.9 0.9 1.2 2.6 6.6 0.3 0.8 0.3 0.8 0.3 3.7 4.2 4.2 3.1 2.5 4.9 1.15	0 -3 -3 -3 -1 -1 -1 -2 -2 -6 -6 -13 -3 -3 -0 -4 -2 -7 -7 -3 -3 -0 -0 -1 -1 -1 -1 -2 -1 -2 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	15 2 19 4 1 13 7 -7 4 27 53 10 17 11 25 17 8 6 6 15 15 Vear 25 31 12 33 35 35 36 36 36 37 37 37 37 37 37 37 37 37 37 37 37 37
SAPPSO Down Jones Niked	19,803 18.894 7,248 3,294 9,384 11,599 1,853 19,355 643 75,127 64,680 46,340 4,950 2,006 2,170 82,779 713 3,113 5,295 level 115,4 57,5 22,4 42,6 233,8 101,4 59,7 12,4	0.1 -0.1 -0.1 -0.4 0.4 0.4 0.3 -0.1 0.5 -0.1 0.5 0.7 0.5 0.7 0.5 0.4 0.1 0.5 0.9 0.1 1.6 1.1 1.0 0.8 1.1 1.1 0.8 1.4 1.1 0.7 1.4 0.7 1.5	0.3 0.8 2.4 0.6 0.6 0.3 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	3 3 1 1 2 2 1 2 2 6 6 3 3 3 0 4 4 2 2 7 7 3 3 0 1 1 1 2 2 2 4 4 1 1 1 2 2 2 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	15 2 19 4 1 1 3 7 7 7 7 4 27 53 10 17 11 17 8 6 6 15 12 12 12 12 12 13 14 14 17 18 18 18 18 18 18 18 18 18 18 18 18 18
SAEPSO Down Jones Nibord STST 100 Down Jones STST 100 DOX	19,803 18,894 7,248 3,294 9,384 11,599 1,853 19,355 643 75,127 64,680 46,340 4,950 2,006 2,170 82,779 713 3,113 5,295 level 115,4 42,6 233,8 101,4 57,5 12,4 42,6 133,4 17,6 13,1 17,6 13,1 12,4 17,6 13,3 1,3 1,4 1,4 1,5 1,5 1,7 1,6 1,4 1,7 1,6 1,4 1,6 1,4 1,6 1,6 1,6 1,6 1,6 1,6 1,6 1,6 1,6 1,6	0.1 0.1 0.1 0.4 0.4 0.4 0.3 0.3 0.1 0.5 0.1 0.3 0.2 0.7 0.3 0.7 0.3 0.4 0.1 0.5 0.5 0.4 0.1 1.1 0.8 0.0 1.1 0.8 0.1 1.4 1.1 0.8 0.7 1.4 1.1 0.8 0.7 0.7 0.5 0.1 1.4 0.7 0.7 0.5 0.1 1.4 0.7 0.5 0.1 1.4 0.7 0.7 0.5 0.1 1.4 0.7 0.7 0.5 0.1 0.7 0.7 0.5 0.1 0.1 0.7 0.7 0.5 0.1 0.7 0.7 0.5 0.1 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	0.3 0.8 2.4 0.6 0.6 0.4 0.5 0.7 0.7 0.7 0.7 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	3 3 1 1 2 1 2 2 6 6 1 3 3 0 0 4 2 7 7 3 0 0 1 1 Monthly 2 2 4 4 1 1 2 0 0 1 5 5 0 0 1 1 1 5 5 0 0 1 1 1	15 2 19 4 1 13 7 -7 4 27 53 10 17 17 18 -6 15 15 Year 25 31 12 36 35 32 4 17 16 -18 9 9 19
SAEPSO Down Jones Nilved STS 1100 STS 1	19,803 18.894 7,248 3,294 9,384 11,599 4,883 19,355 643 75,127 64,680 46,340 4,950 2,006 2,170 82,779 713 3,113 5,295 ievel 115,4 43,4 57,5 22,4 42,6 23,8 101,4 59,7 12,4 17,6 13,3 2,4 45,5 2,7	0.1 0.1 0.1 0.4 0.4 0.4 0.3 0.3 0.1 0.5 0.5 0.7 0.3 0.7 0.5 0.7 0.3 0.5 0.7 0.5 0.4 0.1 0.5 0.5 0.4 0.1 0.5 0.5 0.4 0.1 0.5 0.5 0.4 0.1 0.5 0.5 0.4 0.1 0.5 0.5 0.6 0.1 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0.3	3 3 3 1 1 2 2 2 6 13 3 3 0 4 2 7 3 3 0 1 1 1 2 2 2 4 1 1 1 2 2 2 4 1 1 1 2 2 2 4 1 1 1 2 2 2 4 1 1 1 2 2 2 3 1 2 3 1 2 3 1 3 1 1 1 2 2 2 3 1 3 1	15 2 19 4 1 1 13 7 -7 4 27 53 10 17 17 8 6 15 53 31 12 5 31 12 5 31 12 5 31 12 6 15 8 16 18 8 9 19 10 466
SAEPSO Down Jones Holes	19,803 18,894 7,248 3,294 9,384 11,599 4,883 19,355 643 75,127 64,680 46,340 4,950 2,006 2,170 82,779 713 3,113 5,295 115,4 83,4 45,5 22,4 42,6 23,8 101,4 59,7 12,4 17,6 13,3 2,4 4,55 2,7 18,6 18,6 18,6 18,6 18,6 18,6 18,6 18,6	0.1 0.1 0.4 0.4 0.4 0.3 0.1 0.3 0.5 0.1 0.3 0.5 0.7 0.3 0.5 0.7 0.3 0.5 0.7 0.3 0.5 0.7 0.3 0.5 0.7 0.3 0.5 0.7 0.3 0.5 0.7 0.7 0.3 0.5 0.7 0.7 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.3 2.4 0.6 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	3 3 3 1 1 2 2 1 1 2 2 6 6 13 3 0 4 4 2 2 7 7 3 0 0 1 1 1 2 2 2 4 4 1 1 1 2 2 0 1 1 1 2 2 2 3 3 3 0 0 1 1 1 1 2 2 3 3 3 0 0 1 1 1 1 2 2 3 3 3 0 0 1 1 1 1 2 2 3 3 3 0 0 1 1 1 1 2 2 3 3 3 0 0 1 1 1 2 2 3 3 3 0 0 1 1 1 2 2 3 3 3 0 0 1 1 1 2 2 3 3 3 0 0 1 1 1 2 2 2 3 3 3 0 0 1 1 1 2 2 2 3 3 3 0 0 1 1 1 1 2 2 2 2 3 3 3 0 0 1 1 1 1 2 2 2 2 3 3 3 0 0 1 1 1 1 2 2 2 2 3 3 3 0 0 1 1 1 1 2 2 2 2 3 3 3 0 0 1 1 1 1 2 2 2 2 3 3 3 0 0 1 1 1 1 2 2 2 2 3 3 3 0 0 1 1 1 1 2 2 2 2 3 3 3 0 0 1 1 1 1 1 2 2 2 2 3 3 3 0 0 1 1 1 1 1 2 2 2 2 3 3 3 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	15 2 19 4 1 1 13 7 7 7 4 27 53 10 17 11 125 17 8 8 6 15 15 12 25 31 12 36 35 32 4 17 16 18 9 9 19 10 466 1 30
SAEPSO Down Jones Hilbert Hilb	19,803 18,894 7,248 3,294 9,384 11,599 4,853 19,355 6415 75,127 66,380 4,950 2,170 82,779 82,779 82,779 115,4 83,4 59,7 12,4 42,6 233,8 101,4 59,7 12,4 17,6 233,8 101,4 59,7 12,4 66,6 67,8,8 21,9,0	0.1 0.4 0.4 0.3 0.1 0.5 0.0 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 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 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.3 2.4 0.6 0.6 0.6 0.4 0.7 3.0 0.9 0.9 0.9 0.9 0.9 0.2 2.2 2.2 2.2 2.2 2.3 1.1 1.5 2.5 4.9 2.5 4.9 1.1 1.1 1.5 2.5 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0	3 3 3 1 1 2 2 1 1 2 2 6 6 13 3 3 0 4 4 2 2 7 7 3 0 0 1 1 1 2 2 2 4 4 1 1 1 2 2 2 3 3 2 2 2 2 2 2	15 2 19 4 1 1 13 7 7 7 4 27 53 10 17 11 125 17 8 8 6 15 15 17 8 8 16 17 17 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19
SAPPSO Down Jones Week Week Week John John John John John John John John	19,803 1,18,894 7,248 1,	0.1 0.4 0.4 0.3 0.1 0.5 0.1 0.5 0.1 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.4 0.1 1.6 0.8 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.3 0.8 0.8 0.4 0.6 0.5 0.6 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	3 3 3 1 1 2 1 1 2 2 6 6 1 3 3 3 0 1 1 3 2 2 6 6 1 1 3 1 3 0 1 1 2 2 2 6 6 1 1 3 1 3 0 0 1 1 1 1 2 2 2 2 2 2 2 4 4 1 1 1 2 2 2 2	155 2 19 4 1 1 13 7 -7 4 27 7 4 27 17 17 18 6 6 15 17 17 8 8 6 6 15 17 17 18 19 19 19 19 19 19 19 19 19 19 19 19 19
SAPPSO Down Jones Niked	19,803 1,204 1,248	0.1 0.4 0.3 0.4 0.3 0.1 0.5 0.1 0.5 0.1 0.5 0.7 0.7 0.5 0.7 0.5 0.4 0.1 0.5 0.8 0.1 0.5 0.1 0.5 0.4 0.1 0.5 0.1 0.5 0.4 0.1 0.5 0.4 0.1 0.5 0.4 0.1 0.5 0.4 0.1 0.5 0.4 0.1 0.5 0.4 0.1 0.5 0.4 0.1 0.5 0.4 0.1 0.5 0.4 0.1 0.5 0.4 0.1 0.5 0.4 0.1 0.5 0.4 0.1 0.5 0.4 0.1 0.5 0.4 0.1 0.5 0.4 0.1 0.5 0.6 0.7 0.7 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	0.3 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	3 3 1 1 2 1 2 2 6 3 3 3 0 1 1 3 3 0 0 1 1 2 2 2 1 1 1 2 2 2 2 4 1 1 3 3 2 2 2 4 1 1 3 3 5 5	15 2 19 4 1 13 7 7 7 4 27 27 10 11 12 55 31 10 10 11 11 12 55 32 4 11 11 12 11 12 11 13 14 15 16 16 16 16 16 16 16 16 16 16 16 16 16
SAPPSO Down Jones Nikot	19,803 1,118,894 1,248 1,1599	0.1 0.4 0.3 0.4 0.3 0.1 0.5 0.1 0.5 0.1 0.5 0.7 0.7 0.5 0.7 0.5 0.4 0.1 0.5 0.8 0.9 0.1 0.5 0.9 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.3 0.6 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0 3 3 1 1 1 2 2 6 6 3 3 3 0 4 2 2 7 3 3 0 0 1 1 1 5 0 0 1 1 1 5 0 0 1 1 1 1 2 2 2 2 4 4 1 1 2 2 2 2 4 1 1 3 5 5 1 1 2 2	152 194 4 1 13 7 -7 4 4 27 53 10 17 11 25 17 8 -6 15 17 8 -6 15 12 23 36 33 32 4 4 11 11 11 12 36 10 10 10 10 10 10 10 10 10 10 10 10 10
SAPPSO Down Jones Niked	19,803 1,204 1,248	0.1 0.4 0.3 0.4 0.3 0.5 0.1 0.5 0.1 0.5 0.7 0.5 0.7 0.5 0.4 0.1 0.5 0.1 0.5 0.4 1.6 1.1 1.8 0.8 0.7 0.7 0.9 0.0 1.8 0.7 0.7 0.9 0.0 1.8 0.9 0.0 1.8 0.9 0.0 1.8 0.9 0.0 0.9 0.0 0.1 0.9 0.0 0.1 0.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.3 0.8 0.8 0.6 0.9 0.0 0.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0 3 3 3 1 1 2 2 1 2 2 6 3 3 3 0 4 4 2 7 3 3 0 0 1 1 Monthly 2 2 4 4 1 1 1 5 5 0 0 1 1 5 0 0 1 1 5 0 0 1 1 5 0 0 1 1 5 0 0 1 1 5 0 0 1 1 1 1	15 2 19 4 1 1 13 7 7 7 4 27 17 17 8 8 6 15 17 18 19 19 10 10 10 10 10 10 10 10 10 10 10 10 10
SAEPSO Down Jones Noted	19,803 1,128 11,129 12,124 11,129 12,124 11,129 12,124 11,129 12,124 11,129 12,124 11,	0.1 0.4 0.3 0.4 0.3 0.1 0.5 0.7 0.7 0.5 0.7 0.7 0.6 0.1 1.4 1.1 1.8 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0.3 0.6 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0 3 3 1 1 1 2 2 2 6 6 13 3 3 0 4 4 2 2 7 7 3 0 0 1 1 1 1 2 2 2 2 2 4 4 1 1 1 1 2 2 2 2 2	15 15 19 4 1 13 7 7 7 4 27 10 17 18 -6 -6 15 17 18 19 19 10 10 10 10 10 10 10 10 10 10
SAPPSO Down Jones Noted	19,803 1,128 11,129 12,124 11,129 12,124 11,129 12,124 11,129 12,124 11,129 12,124 11,	0.1 0.4 0.3 0.4 0.3 0.5 0.1 0.5 0.7 0.7 0.5 0.7 0.9 0.1 0.1 0.1 0.3 0.2 0.7 0.5 0.7 0.7 0.5 0.7 0.7 0.6 0.1 1.4 1.1 1.1 1.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.3 0.6 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0 3 3 1 1 1 2 2 1 1 2 2 6 6 1 3 3 3 0 4 2 2 7 7 3 0 0 1 1 Mouthly 2 2 -4 4 1 1 2 2 2 3 3 -5 1 1 2 2 4 4 4 4 2 2 2 2	152 194 4 1 13 7 7 7 7 7 11 13 27 27 28 36 31 12 36 35 32 4 4 17 16 18 9 19 19 19 19 19 19 19 19 19 19 19 19 1
SAPPSO Down Jones Nikote Nikot	19,803 1,128 11,129 12,124 11,129 12,124 11,129 12,124 11,129 12,124 11,129 12,124 11,	0.1 0.4 0.4 0.3 0.5 0.1 0.5 0.7 0.7 0.7 0.7 0.9 0.0 0.1 0.5 0.6 0.1 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0.3 0.4 0.5 0.6 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0 3 3 3 1 1 1 2 2 1 2 2 6 6 13 3 3 0 4 2 2 7 7 3 0 0 1 1 1 2 2 2 2 4 4 1 1 2 2 2 2 2 4 4 1 1 2 2 2 2	15 2 19 4 1 1 13 7 7 4 1 27 7 53 10 10 17 7 11 12 5 17 7 8 6 15 17 8 6 15 17 8 18 18 18 18 18 18 18 18 18 18 18 18 1
SAEPSOO Down Jones Noted Noted Noted Noted Noted Noted Noted Down Jones Noted Noted Down Jones Noted N	19,803 1,8094 1,14,8094 1,15,909 1,31,41 1,509 1,31,41 1,509 1,50,50 1	0.1 0.4 0.3 0.4 0.3 0.5 0.1 0.5 0.7 0.7 0.7 0.6 0.1 0.8 0.9 0.1 0.1 0.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.3 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 3 3 3 1 1 1 2 2 1 2 2 1 2 2 2 4 1 1 1 2 2 2 4 4 1 1 1 2 2 2 2	15 2 19 4 1 1 13 7 7 4 1 27 7 53 10 17 7 11 1 25 17 7 11 1 25 17 7 1 1 1 1 25 17 7 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1
SAPPSO Down Jones Noted Noted Noted Noted Noted Noted Noted Down Jones Noted Down Jones Noted Down Jones Down Jones Noted Note	19,803 1,18,804 1,18,804 1,18,804 1,19,90 1,18,804 1,19,90 1,18,804 1,19,90 1,18,804 1,19,90 1,18,804 1,19,90 1,18,804 1,19,90 1,18,804 1,19,90 1,18,18,18,18,18,18,18,18,18,18,18,18,18	0.1 0.4 0.3 0.4 0.3 0.5 0.7 0.5 0.7 0.7 0.5 0.7 0.5 0.4 0.1 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.6 0.7 0.7 0.7 0.7 0.9 0.7 0.9 0.7 0.9 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.3 2.4 4.9 4.9 1.15 2.4 4.9 4.9 1.15 2.4 4.9 4.9 1.15 2.4 4.9 4.9 1.15 2.4 4.9 4.9 1.15 2.4 4.9 4.9 1.15 2.4 4.9 4.9 1.15 2.4 4.9 4.9 1.15 2.4 4.9 4.9 1.15 2.4 4.9 4.9 1.15 2.4 4.0 1.15 2.4 4.0 1.15	0 3 3 3 1 1 1 2 2 1 2 2 1 2 2 2 4 1 1 1 2 2 2 4 4 1 1 1 2 2 2 4 4 1 1 1 2 2 2 2	15 2 19 4 1 1 13 7 7 4 7 27 53 3 1 12 15 15 12 25 31 12 36 6 19 10 10 10 10 10 10 10 10 10 10 10 10 10
SAPPSO Down Jones Noted Noted Noted Noted Noted Noted Noted Down Jones Noted Down Jones Noted Down Jones Noted Not	19,803 1,128 11,129 12,124 11,129 13,124 11,129 13,124 11,129 13,124 11,129 13,121 13,	0.1 0.4 0.3 0.4 0.3 0.5 0.7 0.5 0.7 0.7 0.5 0.7 0.5 0.7 0.7 0.5 0.4 0.1 1.6 0.5 0.5 0.4 1.1 1.1 0.8 0.5 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0.3 2.4 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2	0 3 3 1 1 1 2 1 2 2 2 1 3 3 3 0 4 4 2 2 7 3 3 6 1 1 1 1 2 2 4 4 1 1 1 2 2 2 4 4 1 1 1 2 2 2 2	15 2 19 4 1 1 13 7 7 4 7 27 53 3 1 12 15 15 12 25 31 12 12 36 35 32 4 7 17 17 18 6 6 19 10 6 6 9 10 6 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPPSO Down Jones Wheel Wheel Wheel Wheel Wheel John John John John John John John John	19.803 19.804 11.509 19.804 11.509 19.804 11.509 19.804 11.509 19.804 11.509 19.805 19	0.1 0.4 0.3 0.4 0.3 0.4 0.3 0.5 0.1 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	0.3 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0 .3 .3 .3 .1 .1 .2 .2 .2 .2 .4 .1 .1 .2 .2 .2 .2 .4 .1 .1 .1 .2 .2 .2 .2 .4 .1 .1 .1 .2 .2 .2 .2 .4 .1 .1 .1 .2 .2 .2 .2 .4 .1 .1 .1 .2 .2 .2 .2 .4 .1 .1 .1 .2 .2 .2 .2 .4 .1 .1 .1 .2 .2 .2 .2 .2 .4 .1 .1 .1 .2 .2 .2 .2 .2 .4 .1 .1 .1 .2 .2 .2 .2 .2 .2 .4 .1 .1 .1 .2 .2 .2 .2 .2 .2 .4 .1 .1 .1 .2 .2 .2 .2 .2 .2 .4 .1 .1 .2 .2 .2 .2 .2 .2 .4 .1 .1 .2 .2 .2 .2 .2 .2 .4 .4 .2 .2 .2 .2 .2 .2 .4 .4 .2 .2 .2 .2 .2 .2 .4 .4 .2 .2 .2 .2 .2 .2 .2 .4 .4 .2 .2 .2 .2 .2 .2 .2 .4 .4 .2 .2 .2 .2 .2 .2 .2 .2 .2 .4 .4 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .4 .4 .2 .2 .2 .2 .2 .2 .2 .2 .2 .4 .4 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2	15 2 19 4 1 1 13 7 7 7 4 4 27 7 11 1 25 17 17 18 8 6 15 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18
SAPPOO Down Jones	19,803 7,249 11,809 7,249 11,809 7,249 11,909 7,249 11,909 7,249 7	0.11 0.4 0.3 0.4 0.3 0.4 0.3 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 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0.3 0.8 0.4 0.7 0.7 0.9 0.9 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0 3 3 3 1 1 1 2 2 6 1 3 3 3 0 1 1 1 2 2 6 1 3 3 3 0 1 1 1 2 2 2 2 3 3 2 2 2 3 3 5 1 1 1 1 2 2 2 2 3 3 2 2 2 2 2 2 3 3 2 2 2 2	15 2 2 19 4 1 1 13 7 7 7 4 4 27 7 7 11 1 25 17 17 18 8 6 15 17 18 19 19 19 19 19 19 19 19 19 19 19 19 19
SAPPSO Down Jones I Novel I No	19,803 1,18,804 1,1999 1,18,804 1,1999 1,18,804 1,1999 1,18,804 1,1999 1,18,804 1,1999 1,18,804 1,1999 1,18,804 1,1999 1,18,804 1,1999 1,18,804 1,1999 1,18,804 1,18,	0.11 0.44 0.40 0.40 0.50 0.61 0.61 0.63 0.62 0.63 0.64 0.65 0.64 0.65 0.64 0.65 0.64 0.65 0.64 0.65 0.64 0.65 0.64 0.65 0.64 0.65 0.64 0.65 0.64 0.65 0.66 0.67 0.67 0.67 0.67 0.67 0.67 0.67	0.3 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0 3 3 1 1 1 2 2 6 1 3 3 0 1 1 1 2 2 2 1 1 1 2 2 2 4 1 1 1 1 1 1 1	15 2 19 4 1 1 3 7 7 4 4 27 1 17 1 17 1 17 1 17 1 17 1 1
SAEPSOO Down Jones Noted	19,803 1,18,804 1,19,90 1,18,804 1,19,90 1,18,804 1,19,90 1,18,804 1,19,90 1,18,804 1,19,90 1,18,804 1,19,90 1,18,804 1,19,90 1,18,804 1,19,90 1,18,804 1,19,90 1,18,804 1,19,90 1,18,804 1,18,9	0.1 0.1 0.4 0.3 0.3 0.5 0.1 0.5 0.1 0.5 0.1 0.5 0.1 0.5 0.1 0.5 0.1 0.5 0.1 0.5 0.1 0.5 0.1 0.5 0.1 0.5 0.1 0.5 0.1 0.5 0.1 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.6 0.5 0.6 0.6 0.6 0.7 0.6 0.7 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	0.3 2.4 3.1 1.5 2.5 4.9 1.1 1.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2	0 3 3 3 1 1 1 2 2 6 1 3 3 0 0 4 4 2 7 7 3 3 0 1 1 1 1 2 2 2 4 4 1 1 1 1 2 2 2 4 4 1 1 1 2 2 2 2	15 2 19 4 1 1 1 2 1 7 7 7 4 4 2 7 3 10 1 1 1 2 5 1 1 7 1 7 1 1 6 1 1 1 2 1 1 1 1 2 1 1 1 1 1 1 1 1
SAPPOO Down Jones Noted Noted Noted Noted Noted Noted Noted Noted Noted Dox CAC CAC CAC CAC CAC CAC CAC CAC CAC CA	19,803 1,103	0.11 0.44 0.43 0.61 0.61 0.61 0.61 0.61 0.62 0.63 0.62 0.75 0.76 0.63 0.64 0.65 0.64 0.65 0.77 0.67 0.77 0.76 0.77 0.77 0.77 0.77	0.3 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0 3 3 3 1 1 1 2 2 2 1 1 2 2 3 3 0 0 1 1 Monthly 2 2 2 4 4 1 1 1 2 2 2 2 4 1 1 1 2 2 2 2	15 2 19 4 1 1 1 1 2 1 7 7 7 4 2 7 1 1 1 2 1 7 1 7 1 1 1 1 2 1 1 1 1 1
SAEPSO Dove Jones IRRed	19.803 17.444 11.599 19.384 11.599 19.384 11.599 19.384 11.599 19.384 11.599 19.385 19	0.11 0.44 0.31 0.43 0.31 0.31 0.31 0.31 0.31 0.31 0.31 0.3	0.3   0.3   0.4   0.5	0 3 3 3 1 1 1 2 2 2 6 1 3 3 0 4 4 2 7 7 3 8 0 1 1 1 1 2 2 2 2 1 1 1 1 1 2 2 2 2 4 1 1 1 1	15 2 19 4 1 1 1 3 7 7 7 4 27 7 8 8 6 6 15 25 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPPSO Down Jones Noted	19,803 1,103	0.11 0.44 0.13 0.14 0.10 0.10 0.10 0.10 0.10 0.10 0.10	0-3 0-8 0-8 0-9 0-9 0-9 0-9 0-9 0-9 0-9 0-9 0-9 0-9	0 3 3 3 1 1 1 2 2 2 6 6 1 3 3 3 0 4 4 2 7 7 3 3 0 0 1 1 1 1 2 2 2 2 4 4 1 1 1 2 2 2 2 3 2 2 2 4 4 1 2 2 2 2 3 2 2 2 2 4 4 1 2 2 2 2 3 2 2 2 2 2 2 2 2 3 3 3 5 5 1 1 2 2 2 2 3 3 2 3 3 3 3 3 3 3 3 3 3 3	15 2 19 4 1 11 13 2 7 7 4 4 2 7 8 8 8 1 12 17 17 16 8 8 1 12 17 17 16 15 17 17 16 15 17 16 17 17 16 18 18 18 18 18 18 18 18 18 18 18 18 18
SAPPOO Down Jones Noted DAX CAC CAC CAC CAC CAC CAC CAC CAC CAC C	19,803 1,18,804 11,509 1,248 11,509 1,318 11,509 1,318 11,	0.11 0.44 0.13 0.40 0.13 0.41 0.41 0.55 0.61 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	0.3 0.8 0.8 0.9 0.9 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0 3 3 3 1 1 1 2 2 1 1 2 2 3 3 3 0 0 1 1 1 1 2 2 2 2 2 4 4 4 1 1 2 2 2 2 3 3 5 1 1 2 2 2 2 3 3 5 1 1 2 2 2 2 3 3 5 1 1 2 2 2 2 3 3 5 1 1 2 2 2 2 3 3 5 1 1 2 2 2 2 3 3 5 1 1 3 3 5 1 1 2 2 2 2 3 3 5 1 1 3 3 5 1 1 1 1 1 1 1 1 1 1 1 1	15 2 119 14 1 17 17 17 17 17 17 17 17 17 17 17 17 1
SAPPOO Down Jones Noted Noted Noted Noted Noted Noted Noted Noted Noted DAX CAC CAC CAC CAC CAC CAC CAC CAC CAC C	19.803 19.804 11.509 19.804 11.509 19.804 11.509 19.804 11.509 19.804 11.509 19.805 19	0.11 0.44 0.13 0.14 0.19 0.19 0.19 0.19 0.19 0.19 0.19 0.19	0.3 0.8 0.4 0.4 0.4 0.7 0.7 0.5 0.8 0.8 0.8 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 3 3 3 1 1 2 2 2 1 2 6 3 3 3 0 0 1 1 1 2 2 2 2 4 1 1 1 2 2 2 2 2 4 1 1 1 2 2 2 2	15 2 2 19 4 1 1 1 1 2 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPPSO Down Jones Noted Noted Noted Noted Noted Noted Noted Down Jones Noted Noted Down Jones Down	19.803 19.803 19.804 11.509 19.804 11.509 19.804 11.509 19.804 11.509 19.805 19	0.11 0.44 0.31 0.31 0.31 0.31 0.31 0.31 0.31 0.31	0.3 0.8 0.4 0.0 0.7 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0 3 3 3 1 1 2 2 1 2 2 1 1 2 2 2 2 4 1 1 1 1 2 2 2 2	15 2 2 19 4 4 1 1 13 7 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPPSO Down Jones Noted DAX CAC CAC CAC CAC CAC CAC CAC CAC CAC C	19,803 1,18,804 1,15,90 1,24,46 1,15,90 1,24,46 1,15,90 1,24,46 1,15,90 1,24,46 1,15,90 1,24,46 1,15,90 1,24,46 1,24,4	0.11 0.14 0.19 0.19 0.19 0.19 0.19 0.19 0.19 0.19	0-3   0-3	0 3 3 3 1 1 1 2 2 1 1 2 2 2 3 3 2 2 4 4 4 1 2 2 2 2 4 4 4 1 2 2 2 2 4 4 4 1 2 2 2 2	15 2 2 19 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1





Dobt market	1/10V 9/ -H	annes in I	m)		
Debt markets US (2-yr)	level 1.17	anges in t Daily 2.0	Week	Month -5	Year 14
US GER (2-yr)	2.38	5.1	0.4	-16	13 -36
Germany France	0.36	3.9	3.2 5.7	11	-21 -11
Spain	1.45	5.9	3.7	9	-27 42
Italy Portugal	3.84	-0.2	-13.2	8	129
Greece Japan (2-yr)	7.14 -0.23	-0.4 -0.8	24.2 1.6	-6 -6	-101 -22 -21
Japan Emerging Markets	0.06 level	Daily	-3.1 Weekly	-21 Monthly	
Brazil Chile	11.05 4.20	4.0 0.9	-21.6 1.0	-86 -18	-536 -45
Colombia Mexico	6.86 7.68	1.1 6.3	7.3 1.0	-36 43	-188 147
Peru Poland	6.18 3.63	0.9	-12.7 7.3	-22 22	147 -134 47
Russia	8.19	-0.7	-13.0	-42	-133
Turkey India	11.06 6.45	12.0 3.2	-54.0 6.0	-6	-127
Indonesia Country ri	7.52 sk (bp, chang	-0.1 es in bp)	-22.7	-40	-130
	level	Daily	Weekly	Monthly	Year
10-yr sovereign spread vs Germany France	47	0.2	2.5	1	10
Italy Portugal	160 348	1.0 -4.1	6.6 -16.4	3 -3	62 150
Spain 2-yr sovereign spread vs Germany	109	2.0	0.5	-2	-6
2-yr so vereign spread vs Germany France	14	-1.8	3.0	-2	10
Italy Portugal	62 90	-2.7 -2.4	0.0 -3.2	-5 -14	26 47
Spain	42	-2.7	-0.6	-13	9
Emerging Markets 5-yr sovereign CDS *	level	Daily	Weekly	Monthly	Year
Brazil	246	-2	-11	-42	-248
Chile Colombia	81 148	0 -2	-2 -8	-5 -13	-50 -93
Mexico Peru	169 104	0	-9 -5	15 -3	-4 -83
Venezuela	3,808	-17	51	-133	-2351
Poland Russia	70 180	-2	7	-8 -1	-2 -124
Turkey China	279 114	-5 1	-3 0	-5	5 6
India	122	2	-1	-5	-28
Indonesia Ri	151 sk indicators	0	-4	-11	-78
Volatilty indicators (%)	level	Daily	Weekly	Monthly	Year
VIX VST OXX	12 15	4.7 -5.2	10 -5	-2	-8 -12
EM EFT volatility Index	18	4.1	-2	-5	-30
Dollar/euro volatility EM FX volatility index	9 11	-4.8 -1.1	-13 -4	-17 -4	-13 -6
Credit spread (BAA) (bps) US bonds volatility index	221 74	-5.1 -0.8	-1 2	-2 -2	-102 7
Banking 5 y CDS (bps) *	level	Daily	Weekly	Monthly	Year
US EZ	73 108	0.4 1.0	0 -2	-1 -9	-2 25
UK	92	-0.4	-4	-2	15
Large Spanish Medium Spanish	118 156	-0.6	-5 6	-9 1	-19 -5
Corporate 5y CDS (bps) * US Non-financial	level 153	Daily 0.4	Weekly	Monthly -1	Year -2
EZ Non-financial	99	1.0	-2	-9	25
UK Non-financial Interbank ma	123	0.5 inges in b	0	-2	-71
	level	Daily	Weekly	Monthly	Year
EONIA Index Euribor 3 m	-0.35 -0.33	0.00	0.0	0.0	-0.1 -0.2
Euribor 12m	-0.10	0.00	0.0	0.0	-0.2 0.4
Libor 3m Libor 12m	1.02	0.00	0.0	0.0	0.5
EZ TED spread 3m	56.9	-3.50	-2.7	-5.3	11.5
	ck markets (				
Main indices S&P500	2,269	Daily 0.1	Weekly -0.3	Monthly 0	Year 13
Dow Jones Nikkei	19,803	-0.1	-0.8 -2.4	-3	15
FTSE 100	18,894 7,248	0.4	-0.6	3	19
FTSE 100 EuroStoxx 50					19 4 1
FTSE 100 EuroStoxx 50 IBEX DAX	7.248 3.294 9.384 11,599	0.4 0.3 -0.1 0.5	-0.6 -0.4 -0.3 -0.4	3 1 1 2	4 1 13
FTSE 100 EuroStoxx 50 IBEX DAX CAC	7.248 3.294 9.384 11,599 4.853 19,355	0.4 0.3 -0.1 0.5 -0.1 0.3	0.6 -0.4 -0.3 -0.4 -0.7 -0.7	3 1 1 2 1 2	4 1 13 7 -7
FTSE 100 EuroStoxx 50 IBEX DAX CAC MIB ASE Athens	7.248 3.294 9.384 11,599 4.853 19,355 643	0.4 0.3 -0.1 0.5 -0.1	-0.6 -0.4 -0.3 -0.4 -0.7	3 1 1 2 1	4 1 13 7
FTSE 100 EuroStoxx 50 IBEX DAX CAC CAC MIB ASSE Athens MSCI Latam * Ibovespa (Brazil)	7.248 3.294 9.384 11,599 4.853 19,355 643 75,127 64,680	0.4 0.3 -0.1 0.5 -0.1 0.3 0.2 0.7	-0.6 -0.4 -0.3 -0.4 -0.7 -0.7 -3.0 2.2 3.6	3 1 1 2 1 2 2 6 13	4 1 13 7 -7 4 27 53
ETSE 100 ELEMOSTOXX 50 IBEX DAX CAC MIB ASE Athens MSCI Latam* Ibovespa (Brazil) Modold MSGI EM Europe*	7.248 3.294 9.384 11,599 4,853 19,355 643 75,127 64,680 46,340 4,950	0.4 0.3 -0.1 0.5 -0.1 0.3 0.2 0.7 0.5 0.7	-0.6 -0.4 -0.3 -0.4 -0.7 -0.7 -3.0 2.2 3.6 0.9 -0.9	3 1 1 2 1 2 2 6 13 3	4 1 13 7 -7 4 27 53 10
FTSE 100 EuroStoxx 50 IBEX DAX CAC MIBB SEA MIB ASE Athens MSG Latam* Ibovespa (Brazil) Medbol MSG EM Europe* Poland	7.248 3.294 9.384 11,599 4.853 19,355 643 75,127 64,680 46,340 4,950 2,006	0.4 0.3 -0.1 0.5 -0.1 0.3 0.2 0.7 0.5 0.7 -0.3 -0.3	-0.6 -0.4 -0.3 -0.4 -0.7 -0.7 -3.0 2.2 3.6 0.9 -0.9 -1.2	3 1 1 2 1 2 2 6 13 3 0 4	4 1 13 7 -7 4 27 53 10 17
FTSE 100 Excellation 50 IBEX DAX CAC CAC MISS MSG Latam * Ibovespa (Brazilo MSG LOT Except * Peland Miss (Brasis) MEX (Bra	7.248 3.294 9.384 11,599 4,853 19,355 643 75,127 64,680 46,340 4,950 2,006 2,170 82,779	0.4 0.3 -0.1 0.5 -0.1 0.3 0.2 0.7 -0.5 -0.7 -0.3 -0.5 -0.4 0.5	0.6 0.4 0.3 0.4 0.7 0.7 3.0 2.2 3.6 0.9 0.9 1.2 -2.2 6.6	3 1 1 2 1 2 2 6 13 3 0 4 -2 7	4 1 13 7 -7 4 27 53 10 17 11 25
FTSE 100 BEX DIEX DIX BOX DIX BOX BOX BOX BOX BOX BOX BOX BOX BOX BO	7,248 3,294 9,384 11,599 4,853 19,355 643 75,127 64,680 46,340 4,950 2,006 2,170 82,779 713 3,113	0.4 0.3 -0.1 0.5 -0.1 0.3 0.2 0.7 0.5 0.7 -0.3 -0.5 0.7 -0.4 0.5	0.6 0.4 0.3 -0.4 0.7 -0.7 -3.0 2.2 3.6 0.9 -0.9 -1.2 -2.2 6.6 0.3 -0.8	3 1 1 2 1 2 6 13 3 0 4 -2 7 3	4 1 13 7 -7 4 27 53 10 17 11 25 17 8
FTSE 100 BEX DIEX DIX BOX DIX BOX BOX BOX BOX BOX BOX BOX BOX BOX BO	7.248 3.294 9.384 11,599 4.853 19.355 643 75.127 64.680 46.340 4.950 2.006 2.170 82.779 713	0.4 0.3 -0.1 0.5 -0.1 0.3 0.2 0.7 -0.3 -0.5 -0.4 0.5	0.6 0.4 0.3 -0.4 0.7 -3.0 2.2 3.6 0.9 -0.9 -1.2 -2.2 6.6 0.3	3 1 1 2 1 2 2 6 13 3 0 4 -2 7 3	4 1 13 7 -7 4 27 53 10 17 11 25 17
FTSE 100 BEX	7,248 3,294 9,384 11,599 4,853 19,355 643 75,127 64,680 46,340 4,950 2,006 2,170 82,779 3,113 5,295 Level	0.4 0.3 -0.1 0.5 -0.1 0.3 0.2 0.7 0.5 0.7 -0.3 -0.5 -0.4 0.5 0.4 0.5 0.4	0.6 -0.4 -0.3 -0.4 -0.7 -0.7 -3.0 2.2 3.6 0.9 -0.9 -1.2 -2.2 6.6 0.3 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8	3 1 1 2 1 2 2 6 13 3 0 4 -2 7 3 0 1 Monthly -2	4 1 13 7 -7 4 27 53 10 17 11 25 17 8 -6 15 Year 25
FISE 100 BEX DIEX DIX GAS	7,248 3,294 11,599 4,853 19,355 643 75,127 64,680 4,950 2,006 2,170 82,779 713 3,113 5,295 level 115,4 83,4	0.4 0.3 -0.1 0.5 -0.1 0.3 0.2 0.7 -0.3 -0.5 -0.4 0.5 0.4 0.1 0.5 0.4 0.1 0.5	0.6 0.4 0.3 -0.4 0.7 -0.7 -3.0 2.2 3.6 0.9 -1.2 -2.2 6.6 0.3 -0.8 -0.3 -0.8 -0.3 -0.8 -0.3 -0.4 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9	3 1 1 2 1 2 6 13 3 0 4 -2 7 3	4 1 13 7 -7 4 27 53 10 17 11 25 17 8
FTSE 100 BEX DAX GAS BEX DAX CAG	7,248 3,294 11,599 4,853 19,355 643 75,127 64,680 46,340 4,950 2,006 2,170 82,779 713 3,113 5,295 level 115,4 83,4 57,5 22,4	0.4 0.3 0.1 0.5 0.1 0.3 0.2 0.7 0.5 0.7 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.6 0.7 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.6 0.4 0.3 -0.4 0.7 -0.7 -0.7 -3.0 2.2 3.6 0.9 -1.2 -2.2 -2.2 -6.6 0.3 -0.3 -0.8 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3	3 1 1 2 1 2 6 6 13 3 0 4 -2 7 3 0 1 Monthly -2 -2 -4 -1	4 1 13 7 -7 4 27 53 10 17 11 25 17 8 -6 15 Year 25 31 12 36
FTSE 100 BEX	7,248 3.294 11,599 4,853 19,355 643 75,127 64,680 46,340 4,950 2,006 2,170 82,779 713 3,1113 5,295 level 115,4 83,4 57,5 22,4 42,6 233,8	0.4 0.3 -0.1 0.5 -0.1 0.3 0.2 0.7 -0.3 -0.5 -0.4 0.5 0.4 0.1 0.5 0.4 0.1 1.6 1.4 1.1 -0.8	0.6 0.4 0.3 -0.4 0.7 -0.7 -3.0 2.2 3.6 0.9 -0.9 -1.2 -2.2 6.6 0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3	3 1 1 2 1 2 2 6 6 13 3 0 4 -2 7 3 0 1 Monthly -2 -4 -1 -1 -2	4 1 13 7 -7 4 27 53 10 17 11 25 17 8 6 15 Year 25 31 12 36 35 32
FTSE 100 BEX DIEX DIX DIX DIX DIX DIX DIX DIX DIX DIX DI	7,248 3.294 9.384 11,599 4.853 19,355 643 75,127 64,680 46,340 4.950 2.006 2.170 82,779 73,3113 3,113 5,295 level 115,4 83,4 57,5 22,4 42,6 233,8	0.4 0.3 -0.1 0.5 -0.1 0.3 0.2 0.7 0.5 0.7 -0.3 -0.5 -0.4 0.5 0.4 0.1 0.5 0.4 0.1 0.5 0.4 0.1 0.5 0.4 0.5 0.4 0.5 0.7 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.6 -0.4 -0.3 -0.4 -0.7 -3.0 -2.2 -3.6 -0.9 -0.9 -0.9 -1.2 -2.2 -6.6 -0.3 -0.8 -0.3 -0.8 -0.3 -0.8 -0.3 -0.8 -0.3 -0.8 -0.3 -0.8 -0.3 -0.8 -0.1 -1.1	3 1 1 2 1 2 6 13 3 0 4 -2 7 3 0 1 Monthly -2 -2 -4 -1 -1	4 1 13 7 -7 4 27 53 10 17 11 25 17 8 -6 15 Year 25 31 12 36 35 32 4
FTSE 100 BEX DIEX DIX GIBEX DIX GIBEX DIX GIBEX DIX GIBEX GI	7.248 3.294 11.599 4.853 19.355 643 75.127 64.680 46.340 4.950 2.006 2.170 82.779 713 3.113 5.295 level 115.4 42.6 23.8 52.4 42.6 23.8 101.4 59.7	0.4 0.3 0.1 0.5 0.1 0.3 0.2 0.7 0.5 0.4 0.5 0.4 0.1 0.5 0.4 0.1 0.5 0.4 0.1 0.5 0.4 0.1 0.5 0.4 0.7 0.7 0.7 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.6 -0.4 -0.3 -0.4 -0.7 -3.0 -0.2 -0.6 -0.9 -0.9 -0.9 -1.2 -2.2 -6.6 -0.3 -0.3 -0.8 -0.3 -0.8 -0.3 -0.3 -1.1 -1.5 -4.9 -4.1 -1.5 -2.4	3 1 1 2 1 2 2 6 6 13 3 3 0 0 4 -2 7 3 0 0 1 1 1 1 1 2 2 4 4 -1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4 1 13 7 -7 4 27 53 10 17 11 25 17 8 6 15 15 25 31 12 25 31 12 25 31 12 25 31 12 25 31 46 46 46 46 46 46 46 46 46 46 46 46 46
FTSE 100 Excelorus 50 BEX	7,248 3,294 9,384 11,599 4,853 19,355 643 75,127 64,680 2,006 2,170 82,779 713 3,113 5,295 115,4 83,4 42,6 233,8 101,4 17,6 13,6	0.4 0.3 0.1 0.5 0.1 0.3 0.2 0.7 0.5 0.7 0.3 0.5 0.7 0.3 0.5 0.7 0.3 0.4 0.5 0.4 0.1 0.5 0.4 0.1 0.5 0.4 0.1 0.5 0.4 0.1 0.5 0.1 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0.6 -0.4 -0.3 -0.4 -0.7 -3.0 -0.2 -0.7 -3.0 -0.9 -0.9 -1.2 -0.6 -0.3 -0.8 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9	3 1 1 2 1 2 2 6 13 3 0 4 -2 7 3 0 1 1 Monthly -2 -2 -4 -1 -1 -2 0 -1	4 1 13 7 -7 4 27 53 10 17 11 25 17 8 6 15 25 31 12 25 31 12 25 36 35 32 4 17 17 16 16 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18
FTSE 100 Excellents 50 BEX	7,248 3,294 9,384 11,599 4,853 19,355 643 75,127 64,680 46,340 4,950 2,006 2,170 713 3,113 5,295 level 115,4 83,4 57,5 22,4 42,6 233,8 101,4 459,7 12,4 11,6 11,6 11,6 11,6 11,6 11,6 11,6 11	0.4 0.3 0.1 0.5 0.1 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.9 0.1 0.5 0.9 0.1 0.1 0.5 0.1 0.1 0.5 0.1 0.5 0.1 0.1 0.5 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.6 0.4 0.7 0.7 0.7 0.7 3.0 0.9 1.2 2.2 3.6 0.9 1.2 2.2 2.4 2.4 2.4 2.4 2.4 2.4 2.4 2.4 2	3 1 1 2 2 2 6 6 13 3 3 0 4 -2 7 7 3 0 0 1 1 1 1 1 2 2 2 2 6 1 1 1 1 1 1 1 1 1 1	4 1 13 7 -7 -7 4 4 27 53 10 10 17 11 25 17 8 -6 15 Year 25 36 31 12 36 4 4 12 4 12 12 14 15 16 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18
FTSE 100 BEX DIEX DIX BEX DIX DIX DIX DIX DIX DIX DIX DIX DIX DI	7,248 3,294 9,384 11,599 4,853 19,355 643 75,127 64,680 46,340 4,590 2,006 2,170 82,773 3,113 3,113 5,295 level 115,4 83,4 57,5 22,4 42,6 233,8 101,4 79,7 12,4 17,6 13,3 2,4 45,5 17,6 13,3 2,4 45,5 2,7	0.4 0.3 0.1 0.5 0.1 0.5 0.7 0.5 0.7 0.5 0.4 0.5 0.4 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.6 0.4 0.3 0.4 0.7 0.7 0.7 3.6 0.9 0.9 0.9 1.2 2.2 2.2 6.6 0.3 0.3 0.3 0.3 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2	3 1 1 2 1 2 2 6 6 13 3 3 0 4 2 7 3 3 0 0 1 1 2 2 2 4 1 1 1 2 2 2 0 0 1 1 5 5 0 0 1 1 1 2 2 2 2 2 1 1 1 2 2 2 2 3 1 1 1 2 2 2 2	4 1 13 7 -7 -7 4 27 53 10 17 11 12 55 15 Year 25 31 12 36 -6 -18 35 -18 -19 -19 -19 -19 -19 -19 -19 -19 -19 -19
FTSE 100 BEX	7,248 3,294 9,384 11,599 4,853 19,355 643 75,127 64,680 46,340 6,340 6,340 6,340 82,779 713 3,113 5,295 level 115,4 83,4 57,5 22,4 42,6 233,8 101,4 59,7 12,4 17,6 13,3 2,4 45,5 2,7 86,6	0.4 0.3 0.1 0.5 0.1 0.3 0.2 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.4 0.1 0.1 0.1 0.1 0.1 0.3 0.2 0.7 0.7 0.7 0.7 0.7 0.7 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.6 0.7 0.7 0.7 0.7 0.7 0.7 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	3 1 1 2 1 2 2 6 6 13 3 3 0 4 4 2 7 7 3 3 0 0 1 1 1 2 2 2 4 4 2 2 4 1 1 1 2 2 2 2 4 4 1 1 1 1	4 1 13 7 -7 -7 4 27 53 10 17 17 12 25 17 8 -6 15 32 4 11 12 25 36 35 32 4 17 16 17 17 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19
FTSE 100 Excelorus 50 BEX	7,248 3,294 9,384 11,599 4,853 19,355 643 75,127 64,680 46,340 46,340 2,006 2,170 82,779 713 3,1113 5,295 level 115,4 83,4 59,7 12,4 42,6 233,8 101,4 17,6 13,3 2,4 45,5 2,7 86,6 678,8 219,0	0.4 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.4 0.5 0.4 0.1 1.6 1.1 1.8 0.7 1.4 1.1 1.8 0.7 1.8 0.7 0.7 1.8	0.6 0.4 0.3 0.7 0.7 0.7 0.7 0.7 0.7 0.3 0.3 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	3 1 1 1 2 2 1 1 2 2 2 6 6 3 3 3 0 4 2 2 7 3 3 0 1 1 Monthly 2 2 4 1 1 1 2 2 0 0 1 1 5 0 0 1 1 1 2 2 2 3 3 2 2 2 2	4 1 13 7 -7 4 27 53 10 17 17 8 6 6 15 35 32 4 11 12 25 31 10 12 32 4 4 11 12 32 4 4 12 12 12 13 14 14 15 16 16 16 16 16 16 16 16 16 16 16 16 16
FISE 100 BEAUTION OF BEAUTION	7.248 3.294 9.384 11.599 4.853 19.355 643 75.127 64.680 46.340 4.950 2.006 2.170 82.779 713 3.113 5.295 level 115.4 43.4 57.5 2.4 42.6 233.8 101.4 45.5 24.4 42.6 65.2 47.8 66.8	0.4 0.3 0.1 0.5 0.1 0.3 0.2 0.7 0.5 0.7 0.5 0.4 0.1 0.5 0.0 0.0 0.1 0.5 0.4 0.1 0.5 0.4 0.1 0.5 0.4 0.1 0.5 0.4 0.1 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0.6 0.4 0.3 0.4 0.7 0.7 0.7 0.7 0.7 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	3 1 1 2 1 2 2 6 13 3 0 4 2 7 7 3 0 1 1 1 2 2 4 1 1 1 2 2 4 1 1 1 2 2 3 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 1 13 7 -7 4 4 27 53 10 17 11 12 5 5 3 11 12 5 3 15 3 15 3 15 3 16 16 17 17 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19
FISE 100 BEX	7.248 9.384 9.384 9.384 9.384 9.384 9.384 9.384 9.385 9.485 9.385 9.485 9.385	0.4 0.5 0.1 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.4 0.1 0.5 0.0 0.0 0.1 1.1 0.5 0.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	0.6 0.4 0.3 0.4 0.7 0.7 0.7 0.7 0.7 0.7 0.9 1.2 2.6 6.6 0.9 0.9 1.2 2.6 6.6 3.0 3.7 4.9 4.9 4.9 4.9 4.9 4.9 4.9 4.9 4.9 4.9	3 1 1 1 2 2 6 1 3 3 0 4 2 2 7 3 3 0 1 1 1 1 2 2 2 4 4 1 1 1 2 2 2 4 4 1 1 1 1	4 1 13 7 -7 4 27 53 10 17 11 12 55 11 25 11 25 31 12 36 4 12 35 32 4 17 16 16 18 19 19 19 19 19 19 19 19 19 19 19 19 19
FISE 100 BEAVER OF THE PROVIDED OF THE PROVIDE	7.248 3.294 4.853 4.855 4.85 4.85 4.85 4.85 4.85 4.85 4.8	0.4 0.3 0.1 0.5 0.1 0.3 0.2 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.7 0.7 0.4 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0.6 0.4 0.3 0.7 0.7 0.7 0.7 0.7 0.9 1.2 2.2 6.6 0.9 0.9 1.2 2.2 6.6 0.3 0.3 3.7 4.2 2.3 1.1 1.5 2.8 2.8 2.9 1.1 2.8 2.8 2.8 2.8 2.8 2.8 2.8 2.8 2.8 2.8	3 1 1 1 2 2 6 1 3 3 0 4 2 2 7 7 3 0 0 1 1 1 -1 -1 -1 -2 -2 2 4 4 -1 -1 -2 -2 2 2 4 4 -1 -3 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	4 1 13 7 -7 4 27 53 10 17 11 12 5 5 3 10 17 11 12 5 3 16 15 15 3 12 4 4 12 12 12 12 13 16 16 16 16 16 16 16 16 16 16 16 16 16
FTSS 100 BEX SEASON SO BEX SEA	7.248 3.294 9.384 4.853 9.3294 9.384 4.853 9.3294 9.384 4.853 9.3294 9.385 9.3294 9.3295 9.3205 9.32	0.4 0.3 0.1 0.5 0.1 0.3 0.1 0.3 0.2 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.4 0.1 0.5 0.1 0.5 0.7 0.0 0.1 0.5 0.1 0.5 0.7 0.1 0.5 0.1 0.5 0.1 0.5 0.1 0.5 0.1 0.5 0.1 0.5 0.1 0.5 0.1 0.5 0.1 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.6 0.4 0.3 0.7 0.7 0.7 0.7 0.7 0.9 1.2 2.2 6.6 0.9 1.2 2.2 6.6 0.3 0.3 3.7 4.2 2.3 1.1 1.5 2.8 2.8 1.7 2.8 1.7 2.8 1.7 2.8 1.7 2.8 1.7 2.8 1.7 2.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1	3 1 1 1 2 2 6 3 3 3 0 1 3 3 0 1 1 1 1 2 2 2 6 1 2 2 2 2 4 4 1 1 3 3 3 0 2 2 2 2 4 4 1 3 3 3 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4 1 13 7 -7 4 27 53 10 17 11 12 5 5 3 10 17 11 12 5 3 16 15 3 12 3 3 5 3 3 5 3 10 10 10 10 10 10 10 10 10 10 10 10 10
FISE 100 BEAUTON SO BE	7.248 3.294 3.294 4.853 3.113	0.4 0.3 0.1 0.5 0.1 0.3 0.5 0.7 0.7 0.7 0.5 0.7 0.7 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.1 1.6 0.3 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0.6 0.4 0.4 0.7 0.7 0.2 0.2 0.2 0.2 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	3 1 1 1 2 2 6 3 3 3 0 1 1 3 3 3 0 1 1 1 1 2 2 2 6 1 2 2 2 2 2 2 2 2 2 2 2	4 1 1 13 7 7 4 27 7 53 3 10 0 17 8 6 6 15 5 17 8 8 9 19 10 0 6 6 9 2 2 15 7 7 12 1 1 6 6 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
FISE 100 BEX	7.248 3.294 9.384 4.553 9.206 9.276 9.276 9.276 9.276 9.276 9.276 9.276 9.276 9.276 9.276 9.276 9.276 9.276 9.276 9.276 9.276 9.2779 9.276 9.276 9.276 9.276 9.2779 9.276 9.27	0.4 0.3 0.1 0.5 0.5 0.7 0.2 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0.6 0.4 0.4 0.7 0.7 0.2 0.2 0.2 0.2 0.2 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	3 1 1 1 2 2 3 3 3 0 1 1 1 1 2 2 2 4 4 1 1 1 2 2 2 2 2 2 2 4 4 1 3 3 5 5 1 2 2 4 4 4 4 2 2	4 1 1 13 7 7 4 27 27 53 10 17 11 25 12 36 6 15 12 36 35 32 4 4 17 16 4 18 9 9 9 9 9 15 15 16 16 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18
FISE 100 BEX	7.248 9.384 4.559 7.5127 6.61 1.599 4.625 7.5127 6.62 7.5127 6.62 7.62 7.62 7.62 7.62 7.62 7.62 7.	0.4 0.3 0.1 0.5 0.1 0.5 0.1 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.4 0.6 0.1 0.5 0.8 0.1 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0.6 0.4 0.4 0.7 0.2 0.2 0.5 0.6 0.5 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	3 1 1 1 2 2 1 1 2 2 6 1 3 3 0 0 4 2 2 7 3 3 0 0 1 1 1 -1 2 2 2 -2 4 1 1 1 -2 2 2 2 4 4 1 1 3 5 -1 1 2 2 4 4 4 4 2 2 -2 2 2	4 1 1 13 7 7 7 4 4 27 53 10 17 17 8 6 6 15 5 5 31 12 25 31 12 25 31 12 36 4 12 4 16 16 16 16 16 16 16 16 16 16 16 16 16
FISE 100 BEX	7.248 9.384 4.559 2.70 9.37 115.4 4.55 2.7 2.6 2.33.8 4.55 2.7 2.6 2.33.8 4.55 2.7 2.7 5.1 2.7 6.6 6.1 2.7 6.1	0.4 0.3 0.1 0.5 0.1 0.5 0.1 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.4 0.6 0.1 0.5 0.8 0.1 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0.6	3 1 1 1 2 1 1 2 2 1 1 2 2 6 6 13 3 3 0 1 4 2 2 7 3 3 0 1 1 1 2 2 2 4 4 1 1 1 5 5 0 1 1 1 1 2 2 2 2 4 4 1 1 1 3 3 5 1 1 2 2 4 4 4 2 2 2 4 4 4 4 2 2 2 4 4 4 4	4 1 1 13 7 7 7 4 4 7 7 7 5 3 10 11 1 25 17 8 6 15 17 8 18 18 9 19 10 46 1 1 30 0 25 6 9 2 1 5 1 6 4 18 18 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
FISE 100 BEX	7.248 3.294 4.959	0.4 0.3 0.1 0.5 0.1 0.5 0.1 0.5 0.1 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.4 0.1 0.5 0.4 0.1 0.5 0.7 0.5 0.4 0.1 0.5 0.7 0.5 0.4 0.1 0.5 0.7 0.5 0.4 0.1 0.5 0.7 0.6 0.7 0.7 0.8 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.66 0.4 0.3 0.4 0.7 3.0 0.7 3.0 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0	3 1 1 1 2 2 1 1 2 2 6 6 13 3 3 0 4 4 2 7 7 3 3 0 1 1 1 1 2 2 2 4 4 1 1 1 1 2 2 2 4 4 1 1 1 1	4 1 13 7 7 7 4 4 7 27 53 10 11 12 55 15 17 8 6 6 15 15 32 4 4 11 11 12 5 36 6 9 9 10 10 10 10 10 10 10 10 10 10 10 10 10
FISE 100  BEX BEX BEX BEX BEX BEX BEX BEX BEX BE	7.248 3.294 4.395	0.4 0.3 0.01 0.5 0.1 0.5 0.1 0.5 0.7 0.3 0.2 0.7 0.5 0.7 0.5 0.4 0.1 0.5 0.8 0.7 0.9 0.1 0.1 0.5 0.1 0.1 0.5 0.1 0.1 0.5 0.1 0.1 0.5 0.1 0.1 0.5 0.1 0.1 0.5 0.1 0.1 0.5 0.1 0.5 0.1 0.5 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0.6	3 1 1 1 2 2 1 1 2 2 6 6 13 3 3 0 4 4 2 2 7 7 3 3 0 1 1 1 1 2 2 2 4 1 1 1 1 2 2 2 3 3 2 2 2 2 4 4 1 1 1 2 2 2 2 3 3 5 5 1 1 2 2 4 4 4 2 2 2 2 2 2 2 2 4 4 4 4 2 2 2 2 2 2 2 2 4 4 4 4 4 2 2 2 2 2 2 2 4 4 4 4 4 2 2 2 2 2 2 2 4 4 4 4 4 2 2 2 2 2 2 2 4 4 4 4 4 2 2 2 2 2 2 2 4 4 4 4 4 2 2 2 2 2 2 2 4 5 5 5 6 7 6 7 6 7 6 7 6 7 7 6 7 7 6 7 7 6 7 7 6 7 7 6 7 7 6 7 7 6 7 7 6 7 7 6 7 7 6 7 7 7 6 7 7 7 6 7 7 7 6 7 7 7 6 7 7 7 6 7 7 7 6 7 7 7 6 7 7 7 6 7	4 1 1 13 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
FISE 100 BEX	7.248 4.938 4.938 4.948 4.958	0.4 0.3 0.3 0.1 0.5 0.5 0.5 0.1 0.5 0.7 0.5 0.7 0.5 0.4 0.1 0.5 0.4 0.1 0.5 0.1 0.5 0.1 0.5 0.1 0.5 0.1 0.5 0.1 0.5 0.1 0.5 0.1 0.5 0.1 0.5 0.5 0.1 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.6	3 1 1 1 2 2 1 1 2 2 6 6 13 3 3 0 4 4 2 2 7 7 3 3 0 1 1 1 1 1 2 2 2 4 4 1 1 1 1 2 2 2 3 3 5 1 1 1 2 2 2 2 4 4 1 1 2 2 2 2 2 4 4 1 1 2 2 2 2	4 1 1 13 7 7 7 7 4 27 7 53 1 12 5 53 1 12 5 5 6 6 9 2 2 15 5 7 7 12 6 18 8 8 8 8 8 9 1 1 6 6 18 8 8 8 8 8 8 8 8 9 1 1 7 1 6 1 6 1 6 1 6 1 6 1 6 1 6 1 6 1
FISE 100 BEX	7.248 3.394 3.995	0.4 0.3 0.1 0.5 0.1 0.5 0.1 0.5 0.1 0.5 0.1 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.6 0.1 0.5 0.6 0.1 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0.6	3 1 1 1 2 2 1 1 2 2 6 6 1 3 3 3 0 0 1 1 1 2 2 2 1 1 2 2 1 1 2 2 1 1 1 2 2 2 2 1 1 1 1 2 2 2 2 2 1 1 1 1 2 2 2 2 2 2 4 1 1 1 2 2 2 2	4 1 1 13 7 7 7 4 4 27 7 5 13 10 17 17 18 8 6 15 15 17 18 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18
FISE 100 BEX	7.248 3.294 3.294 3.294 3.294 3.294 3.294 3.294 3.294 3.294 3.294 3.295 3.205 3.205 3.205 3.205 3.205 3.205 3.205 3.205 3.205 3.205 3.205	0.4 0.3 0.1 0.5 0.1 0.5 0.1 0.5 0.7 0.7 0.0 0.0 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.6 0.4 0.4 0.7 0.9 0.9 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	3 1 1 1 2 2 1 1 2 2 6 6 13 3 0 0 4 2 2 7 1 1 1 2 2 2 6 1 13 3 0 1 1 1 1 2 2 2 2 1 1 1 1 2 2 2 2 2 1 1 1 1 2 2 2 2 2 2 4 1 1 1 3 5 1 1 2 2 2 2 2 4 1 1 1 2 2 2 2 2 4 1 1 1 2 2 2 2	4 1 1 13 7 7 7 4 4 27 7 4 5 33 10 0 17 7 11 1 2 5 17 7 1 1 1 2 5 17 1 1 1 2 2 5 1 1 2 2 5 1 1 2 1 2 1 1 2 1 1 2 1 1 2 1 1 1 1
FISE 100 BEX	7.248 9.384 9.384 9.385	0.4 0.3 0.01 0.5 0.1 0.5 0.1 0.5 0.6 0.7 0.5 0.7 0.5 0.7 0.7 0.6 0.7 0.7 0.7 0.1 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.6	3 1 1 1 2 1 1 2 2 1 1 2 2 2 3 3 3 0 1 1 1 1 2 2 2 3 3 3 0 1 1 1 1 2 2 2 2 3 3 3 1 1 1 1 1 2 2 2 2	4 1 1 13 7 7 7 4 4 27 7 11 1 5 1 5 3 1 10 1 7 1 7 1 1 1 1 2 5 1 7 1 1 1 1 2 2 5 1 1 1 2 1 3 6 6 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1
FISE 100 BEX	7.248 3.394 3.985 3.994 3.995 3.994 3.995 3.994 3.995	0.4 0.3 0.01 0.5 0.1 0.5 0.1 0.5 0.7 0.7 0.7 0.3 0.5 0.7 0.7 0.3 0.5 0.7 0.7 0.3 0.5 0.7 0.7 0.3 0.5 0.7 0.7 0.3 0.5 0.7 0.7 0.3 0.5 0.7 0.7 0.4 0.5 0.7 0.7 0.4 0.1 1.1 1.8 0.8 0.7 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.6	3 1 1 1 2 1 2 2 2 3 3 3 3 5 5 1 1 1 2 2 2 2 4 4 1 1 1 2 2 2 2 3 3 2 2 2 4 4 1 1 1 2 2 2 3 3 2 2 2 4 4 1 1 1 2 2 2 3 3 5 5 1 2 2 2 4 4 1 1 1 2 2 2 3 3 5 5 1 2 2 2 4 4 1 1 1 2 2 2 3 3 5 5 1 2 2 2 4 4 1 1 1 2 2 2 3 3 5 5 1 2 2 2 2 4 1 1 1 1 2 2 2 3 3 5 5 1 2 2 2 2 4 1 1 1 1 2 2 2 3 3 5 5 1 2 2 2 2 4 1 1 1 1 2 2 2 3 3 5 5 1 2 2 2 2 4 1 1 1 1 2 2 2 3 3 5 5 1 2 2 2 2 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4 1 1 13 7 7 7 4 4 27 7 1 1 1 5 3 1 1 2 5 5 3 1 1 2 5 1 1 5 1 1 2 5 1 1 2 5 1 1 2 1 2
FISE 100 BEX	7.248 3.94 4.94 5.94 5.94 5.94 5.94 5.94 5.94 5	0.4 0.3 0.1 0.5 0.1 0.5 0.1 0.5 0.1 0.5 0.7 0.7 0.7 0.5 0.7 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.64 0.34 0.37 0.72 0.85 0.85 0.85 0.85 0.85 0.85 0.85 0.85	3 1 1 1 2 1 1 2 2 1 1 2 2 2 2 3 3 3 3 1 1 1 1	4 1 1 13 7 7 7 4 4 27 7 1 1 1 5 3 1 1 0 1 7 1 7 1 1 1 1 1 1 1 1 1 1 1 1 1
FISE 100 BEX	7.248 3.394 3.993	0.4 0.5 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	0.64 0.34 0.74 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	3 1 1 1 2 2 2 2 2 2 3 3 3 0 4 4 3 2 5 5 7 13 2 3 4 4 4 2 2 7 7 3 1 1 2 2 2 2 4 4 4 1 1 1 2 2 2 2 2 2 2 2	4 1 1 13 7 7 7 4 4 27 7 4 1 1 1 1 2 1 2 1 2 1 1 1 2 1 2 1 1 1 1
FISE 100 BEX	7.248 3.3294 3.989 3.99 3.99 3.99 3.99 3.99 3.99 3.9	0.4 0.3 0.1 0.5 0.6 0.7 0.7 0.7 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0.64 0.34 0.37 0.77 0.79 0.79 0.79 0.79 0.79 0.79 0.7	3 1 1 1 2 2 1 1 2 2 2 2 2 4 1 1 1 2 2 2 2	4 1 1 13 7 7 7 4 4 27 7 17 18 6 6 15 25 33 6 36 36 18 8 9 9 10 6 16 6 9 2 15 7 7 12 18 8 8 8 8 8 8 8 9 9 10 10 10 10 10 10 10 10 10 10 10 10 10
FISE 100 BEX	7.248 3.3294 3.3	0.4 0.3 0.1 0.5 0.6 0.1 0.5 0.2 0.2 0.7 0.5 0.7 0.5 0.1 1.4 1.1 1.4 1.1 1.4 1.4 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	0.64 0.34 0.74 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	3 1 1 1 2 1 1 2 1 1 2 2 2 6 1 3 3 3 0 1 4 3 3 0 1 4 1 2 7 7 3 3 0 1 4 1 1 1 1 2 2 2 2 4 4 1 1 1 1 1 1 2 2 2 2	4 1 1 13 7 7 7 4 4 27 3 1 10 10 10 10 10 10 10 10 10 10 10 10 1
FISE 100 BERGEROUS ON BERGEROUS	7.248 3.394 3.995	0.4 0.3 0.3 0.1 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.6	3 1 1 1 2 1 1 2 2 2 2 2 3 3 3 0 4 1 1 1 1 5 5 0 1 1 1 1 2 2 2 2 4 1 1 1 1 2 2 2 2 4 1 1 1 1	4 1 1 13 7 7 7 7 1 17 7 7 1 17 1 17 1 17
FISE 100 BEX	7.248 3.394 3.995	0.4 0.3 0.3 0.3 0.1 0.3 0.2 0.7 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.6	3 1 1 1 2 2 6 13 3 3 0 1 1 1 2 2 7 3 3 0 1 1 1 1 2 2 7 1 1 1 1 1 1 1 1 1 1 1 1 1	4 1 1 13 7 7 7 7 16 7 17 17 18 8 6 15 12 20 12 12 12 12 12 12 12 12 12 12 12 12 12
FISE 100 Excelor 1	7.248 9.384 9.384 9.385 9.329	0.4 0.3 0.3 0.1 0.3 0.1 0.5 0.5 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0.64 0.34 0.37 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.	3 1 1 1 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3	4 1 1 13 7 7 7 7 1 17 25 7 3 1 1 1 1 2 5 3 1 1 1 1 2 5 5 1 1 1 1 1 2 5 5 1 1 1 1 1
FISE 100 Excelorus 50 BECX BECX BECX BECX BECX BECX BECX BECX	7.248 3.3294 4.853 4.814 4.853 4.814 4.853 4.814 4.853 4.814 4.853 4.814 4.853 4.814	0.4 0.3 0.3 0.3 0.3 0.1 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.6. 0.4 0.3 0.4 0.7 0.7 0.7 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	3 1 1 1 2 2 2 1 1 3 3 3 4 0 1 1 1 1 2 2 2 2 4 1 1 1 1 2 2 2 2 4 1 1 1 1	4 1 1 13 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
FISE 100 BECK BECK BECK BECK BECK BECK BECK BECK	7.248 3.394 3.993	0.4 0.3 0.3 0.1 0.3 0.1 0.3 0.1 0.3 0.2 0.7 0.3 0.5 0.6 0.6 0.5 0.6 0.6 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0.64 0.34 0.37 0.77 0.79 0.79 0.79 0.79 0.79 0.79 0.7	3 1 1 1 2 2 6 1 1 2 2 2 6 1 3 3 3 4 4 4 2 7 7 3 3 4 1 1 1 1 2 2 2 2 4 4 1 1 1 1 2 2 2 2 2	4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
FISE 100 BEAV SEARCH STATE OF SEARCH	7.248	0.4 0.3 0.3 0.1 0.3 0.1 0.3 0.1 0.3 0.2 0.7 0.7 0.6 0.1 1.4 0.7 0.7 0.9 0.8 0.8 0.8 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.64 0.34 0.74 0.77 0.79 0.79 0.79 0.79 0.79 0.79 0.79	3 1 1 1 2 2 6 1 1 2 2 6 1 3 3 0 4 4 2 2 7 7 3 1 1 1 1 2 2 2 6 1 1 3 3 3 0 1 1 1 1 2 2 2 2 2 2 4 4 1 1 1 1 2 2 2 2	4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1





Developed Markets				Month	Year
US (2-yr) US GER (2-yr)	1.17 2.38	2.0 5.1	-1.3 0.4	-5 -16	14 13
GER (2·yr) Germany	0.72	3.9	3.2	9 11	-36 -21
France Spain	0.83 1.45 1.96	4.1 5.9 4.9	5.7 3.7 9.8	12 9 15	-11 -27 42
Italy Portugal	3.84	-0.2	-13.2	8	129
Greece Japan (2-yr)	7.14 -0.23 0.06	3.2 -0.4 -0.8	24.2 1.6 -3.1	-6 -6	-101 -22 -21
Japan Emerging Markets		Daily	Weekly	-21 Monthly	
Brazil Chile	11.05 4.20	4.0 0.9	-21.6 1.0	-86 -18	-536 -45
Colombia Mexico	6.86 7.68	1.1 6.3	7.3 1.0	-36 43	-188 147
Peru Poland	6.18 3.63	0.9	-12.7 7.3	-22 22	-134 47
Russia Turkey	8.19 11.06	-0.7 12.0	-13.0 -54.0	-42 4	-133
India Indonesia	6.45 7.52	3.2	6.0	-6 -40	29 -127 -130
Country ris		es in bp)			
Developed Markets 10-yr sovereign spread vs Germany	level	Daily	Weekly	Monthly	Year
France	47 160	0.2 1.0	2.5 6.6	1 3	10 62
Portugal Spain	348 109	-4.1 2.0	-16.4 0.5	-3 -2	150 -6
2-yr sovereign spread vs Germany France	14	-1.8	3.0	-2	10
Italy	62	-2.7	0.0	-5	26
Portugal Spain	90 42	-2.4 -2.7	-3.2 -0.6	-14 -13	47 9
Emerging Markets 5-yr sovereign CDS *	level	Daily	Weekly	Monthly	Year
Brazil Chie	246 81	-2 0	-11 -2	-42 -5	-248 -50
Colombia	148	-2	-8	-13	-93
Mexico Peru	169 104	0	-9 -5	15 -3	-4 -83
Venezuela Poland	3,808 70	-17 0	51	-133 -8	-2351 -2
Russia Turkey	180 279	-2 -5	7 -3	-1	-124 5
China India	114	1 2	0	-5 -5	6 -28
Indonesia	151	0	-1	-11	-78
Volatilty indicators (%)	k indicators level	Daily	Weekly	Monthly	Year
VIX VSTOXX	12 15	4.7 -5.2	10 -5	-2	-8 -12
EM EFT volatility Index Dollar/euro volatility	18	-1.1 -4.8	-2 -13	-5 -17	-30 -13
EM FX volatility index	11	4.1	-4	-4	-6
Credit spread (BAA) (bps) US bonds volatility index	221 74	-5.1 -0.8	-1 2	-2 -2	-102 7
Banking 5 y CDS (bps) * US	level 73	Daily 0.4	Weekly 0	Monthly -1	Year -2
EZ UK	108	1.0	-2 -1	-9	25 15
Large Spanish	118 156	0.6	-5 6	-2 -9 1	-19 -5
Medium Spanish Corporate 5y CDS (bps) *	level	Daily	Weekly	Monthly	Year
US Non-financial EZ Non-financial	153 99	0.4 1.0	0 -2	-1 -9	-2 25
UK Non-financial Interbank mar	123 kets (% cho	0.5 inges in by	0	-2	-71
	level	Daily	Weekly	Monthly	Year
EONIA Index Euribor 3 m	-0.35 -0.33	0.00	0.0	0.0	-0.1 -0.2
Euribor 12m Libor 3m	-0.10 1.02	0.00	0.0	0.0	-0.2 0.4
Libor 12m	1.70 56.9	0.00	0.0	0.0	0.5 11.5
EZ TED spread 3m		-3.50	-2.7	-5.3	
EZTED spread 3m	k markets (	-3.50 6)	-2.7	-5.3	11.5
Stoci Main indices	k markets (	(i) Daily	Weekly	Monthly	Year
Stock Main indices S&P500 Dow Jones	level 2,269 19,803	Daily 0.1 -0.1	Weekly -0.3 -0.8	Monthly 0	Year 13 15
Stock Main indices S&P500 Dow Jones Nikkel FTSE 100	level 2,269 19,803 18,894 7,248	Daily 0.1 -0.1 0.4 0.4	Weekly -0.3 -0.8 -2.4 -0.6	Monthly 0 0 -3 3	Year 13 15 2 19
Stock S&P500 Dow Jones Nikkel FTSE 100 EuroStoxx 50 IBEX	level 2,269 19,803 18,894 7,248 3,294 9,384	Daily 0.1 -0.1 0.4 0.4 0.3 -0.1	Weekly -0.3 -0.8 -2.4 -0.6 -0.4 -0.3	Monthly 0 0 -3	Year 13 15 2 19 4
Stock Main indices SAP500 Dow Jones Nikkel FTSE 100 EuroStoxx 50	level 2,269 19,803 18,894 7,248 3,294 9,384 11,599	0.1 -0.1 -0.4 -0.4 -0.3 -0.1	Weekly -0.3 -0.8 -2.4 -0.6 -0.4 -0.3 -0.4 -0.7	Monthly 0 0 -3 3 1	Year 13 15 2 19 4 1
Stock Main Indices SAP500 Dow Jones Niked FTSE 100 EuroStoxx 50 IBEX DAX CAC MIB	level 2,269 19,803 18,894 7,248 3,294 9,384 11,599 4,853 19,355	Daily 0.1 -0.1 0.4 0.4 0.3 -0.1 0.5 -0.1	Weekly -0.3 -0.8 -2.4 -0.6 -0.4 -0.3 -0.4 -0.7 -0.7	Monthly 0 0 -3 3 1 1 2 1 2	Year 13 15 2 19 4 1 13 7
Stock   Main indices	level 2,269 19,803 18,894 7,248 3,294 9,384 11,599 4,853 19,355 643 75,127	Daily 0.1 -0.1 0.4 0.4 0.3 -0.1 0.5 -0.1 0.3 0.2 0.7	Weekly -0.3 -0.8 -2.4 -0.6 -0.4 -0.3 -0.4 -0.7 -0.7 -0.7 -3.0 2.2	Monthly 0 0 -3 3 1 1 2 1 2 6	Year 13 15 2 19 4 1 1 13 7 -7 4 27
Stock   Stock	revel 2,269 19,803 18,894 7,248 3,294 9,384 11,599 4,853 19,355 643 75,127 64,680 46,340	Daily 0.1 -0.1 -0.1 -0.4 -0.3 -0.1 -0.5 -0.1 -0.3 -0.2 -0.7 -0.5 -0.7 -0.5 -0.7	Weekly -0.3 -0.8 -2.4 -0.6 -0.4 -0.3 -0.4 -0.7 -0.7 -3.0 2.2 3.6 0.9	Monthly 0 0 -3 3 1 1 1 2 1 2 2 6 13 3	Your 13 15 2 19 4 1 13 7 -7 4 27 53 10
Stock   Stock	level (1988) (19	Daily 0.1 -0.1 -0.4 -0.4 -0.3 -0.1 -0.5	Weekly -0.3 -0.8 -2.4 -0.6 -0.4 -0.3 -0.7 -0.7 -3.0 2.2 3.6 0.9 -0.9 -1.2	Monthly 0 0 -3 3 1 1 2 1 2 2 6 13 3 0 4	Year 13 15 2 19 4 1 13 7 -7 4 27 53 10 17
Main indices S&P500 Dow Jones Notes Notes F155: 100 Dow Jones Notes AC Dow Jones Notes AC Dow Jones Notes AC Dow Jones Notes AC Dow Jones MSG Latam* Ibovepa Blacio Modod ModO	level 2,269 19,803 18,894 7,248 3,294 9,384 11,599 4,853 19,355 643 75,127 64,680 46,340 4,950 2,006 2,170	Daily 0.1 -0.1 0.4 0.4 0.3 -0.1 0.5 -0.1 0.3 0.2 0.7 0.5 0.7 -0.3 -0.5 -0.4 0.5 -0.5 -0.4 0.5 -0.5 -0.4	Weekly -0.3 -0.8 -2.4 -0.6 -0.4 -0.3 -0.7 -0.7 -3.0 2.2 -3.6 0.9 -0.9 -1.2 -2.2 -6.6	Monthly 0 -3 3 1 1 2 1 2 2 6 13 3 0 4	Year 13 15 2 19 4 1 13 7 -7 4 27 53 10 17
Stock SAP500 Date Joine FES 100 EuroStock 50 BBX DAX CAR AS Alters MSCI Laten Horveps Bisson MSCI ME Largos Polification MSCI ME Largos MSCI ME	level 2,269 19,803 18,894 7,248 3,294 9,384 11,599 4,853 19,355 643 75,127 64,680 46,340 4,950 2,006 2,170 82,779 713	Daily 0.1 -0.1 -0.4 -0.4 -0.4 -0.5 -0.1 -0.5 -0.5 -0.5 -0.4 -0.5 -0.4 -0.5 -0.4 -0.5 -0.4 -0.5 -0.4 -0.5 -0.4 -0.5 -0.4 -0.5 -0.4 -0.5 -0.4 -0.5 -0.4 -0.5 -0.4 -0.5 -0.4 -0.5 -0.4 -0.5 -0.4 -0.5 -0.4 -0.5 -0.4 -0.1 -0.5 -0.4 -0.1 -0.5 -0.4 -0.1 -0.5 -0.4 -0.1 -0.5 -0.4 -0.1 -0.5 -0.4 -0.1 -0.5 -0.4 -0.1 -0.5 -0.4 -0.1 -0.5 -0.4 -0.1 -0.5 -0.4 -0.1 -0.5 -0.4 -0.1 -0.5 -0.4 -0.1 -0.5 -0.4 -0.1 -0.5 -0.4 -0.1 -0.5 -0.4 -0.1 -0.5 -0.4 -0.1 -0.5 -0.4 -0.1 -0.5 -0.4 -0.1 -0.5 -0.4 -0.1 -0.5 -0.4 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	Weekly -0.3 -0.8 -2.4 -0.6 -0.4 -0.3 -0.4 -0.7 -3.0 -2.2 -3.6 -0.9 -0.9 -1.2 -2.2 -6.6 -0.3	Monthly 0 0 -3 3 1 1 2 1 2 2 6 13 3 0 4 -2 7	Year 13 15 2 19 4 1 13 7 -7 4 27 53 10 17 11 25
Stock   Stock	level 2,269 19,803 18,894 7,248 3,294 9,384 11,599 4,853 19,355 643 75,127 64,680 46,340 4,950 2,006 2,170	Daily 0.1 -0.1 -0.1 -0.4 -0.3 -0.1 -0.3 -0.5 -0.7 -0.3 -0.5 -0.4 -0.5 -0.4 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	Weekly -0.3 -0.8 -2.4 -0.6 -0.4 -0.3 -0.7 -3.0 -2.2 -3.6 -0.9 -0.9 -1.2 -2.2 -6.6 -0.3 -0.8 -0.3	Montily 0 0 0 -3 3 1 1 1 2 1 2 2 6 6 13 3 0 4 -2 7 3 0 0 1	Year 13 15 2 19 4 1 13 7 -7 4 27 53 10 17 11 125 17 8
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Steel	mitcets (2.269) [19,803] 18,894 [19,803] 18,894 [19,803] 18,894 [19,803] 18,894 [19,803] 18,994 [19,904] 11,599 [19,905] 21,700 [21,70] 713 [21,70] 21,70 [22,44] 42,6 [23,38] 1011,4 42,6	Daily 0.1 0.1 0.1 0.1 0.3 0.1 0.3 0.1 0.3 0.1 0.3 0.7 0.7 0.3 0.7 0.3 0.4 0.5 0.7 0.5 0.7 0.8 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	Veckly 0.3 0.8 0.8 0.4 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.0 0.2 0.2 0.2 0.2 0.9 0.9 0.9 0.9 0.3 0.8 0.3 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	Monthly 10 0 0 0 3 3 1 1 1 1 2 2 2 6 1 3 3 0 0 1 1 1 1 2 2 2 4 4 1 1 1 2 2 2 4 4 1 1 1 2 2 2 4 4 1 1 1 5 0 0 0 0 1 1 5 0 0 0 1 1 5 0 0 0 1 1 1 5 0 0 0 0	Year 13 15 2 19 4 1 13 7 7 4 1 27 53 10 17 7 11 25 17 8 6 15 12 25 31 12 36 35 32 4 17 16 18
Steel Scheduler	min(ct) © iced   19.00	Daily 0.1 0.4 0.5 0.5 0.7 0.5 0.4 0.1 0.4 0.5 0.4 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.4 0.1 0.5 0.4 0.5 0.4 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 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	Weekly 0-3	Monthly 0 0 -3 3 1 1 2 1 1 2 2 6 6 13 3 0 4 -2 7 3 0 1 Monthly -2 1 -1 -1 -2 0 -1 1 5 0 0 -1 1	Year 13 15 15 2 19 4 1 1 13 3 7 7 4 4 27 7 53 3 10 10 17 7 7 8 6 15 5 25 25 25 3 1 12 3 6 3 5 3 2 4 1 7 16 6 18 9 9 19 19
Stock  SAPPED  SAPPED  SAPPED  SAPPED  Lavision Cet  Exercises Sape  Lavis Sap	min(ct) © icvel   19,803   18,994   19,803   18,994   18,903   18,994   11,599   9,384   11,599   9,384   11,599   643   75,127   2,170   82,779   713   3,113	Daily 0.1 0.4 0.5 0.1 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	Workly 0-3   0-8   0-8   0-8   0-8   0-9   0-9   0-9   0-9   0-7   0-7   0-7   0-7   0-7   0-7   0-9   0-12   0-9   0-12   0-9	Monthly 0 0 -3 3 1 1 2 1 1 2 2 6 6 13 3 0 4 -2 7 3 0 1 Monthly -2 -1 -1 -2 0 -1 1 5 0 -1 1 2 -2 -2	Year 13 15 2 19 4 1 1 13 7 7 7 4 7 27 53 10 17 17 11 12 5 17 17 18 4 6 15 17 18 12 5 17 18 12 12 12 12 12 12 12 12 12 12 12 12 12
Size Services SEPSED Down Jones Nikes FIFSE 100 EuroStoux 50 BISX CAC CAC CAC CAC CAC CAC CAC CAC CAC CA	kmikets © level 19,803 19,803 19,803 19,803 19,803 19,803 19,803 19,803 11,894 11,599	0 billy 0.1 0.4 0.1 0.5 0.5 0.4 0.1 0.5 0.5 0.4 0.1 0.5 0.5 0.4 0.7 0.5 0.5 0.4 0.7 0.5 0.5 0.4 0.7 0.5 0.5 0.4 0.7 0.5 0.5 0.4 0.7 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	Weekly -0.3 -0.6 -0.4 -0.7 -0.3 -0.4 -0.7 -3.0 -0.5 -0.4 -0.7 -3.0 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0	Monthly 0 0 -3 3 1 1 2 2 6 6 13 3 0 4 -2 7 7 3 0 1 1 1 -2 -2 -4 -1 -1 -1 -2 -2 0 -1 1 2 -2 -2 2 2 2	Year 13 13 15 2 19 4 1 1 13 17 -7 4 27 17 17 17 18 -6 15 17 17 18 18 19 19 10 10 11 11 11 11 11 11 11 11 11 11 11
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Stock  SAPPRO  SAPPRO  SAPPRO  SAPPRO  EvoStock 50  BEX  DAX  DAX  MB  ASS Affects  BOYER GROWN  MB  MSC Latters  Boyer GROWN  MB  MSC Latters  Boyer GROWN  MB  MSC Latters  Boyer GROWN  MSC Richard  Boyer GROWN  MSC Richard  Short Com Chinal  Sh	mulcut   Color   Col	0 Daily 10.1 1.8 1.1 1.1 1.8 1.1 1.1 1.8 1.1 1.1 1	Westly -0.3 -0.8 -0.4 -0.3 -0.6 -0.4 -0.5 -0.5 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7	Monthly 0 0 3 3 1 1 2 1 2 6 1 3 3 0 4 4 2 2 6 1 1 Monthly 2 4 1 1 1 2 2 4 1 1 1 2 2 4 1 1 2 2 4 1 1 1 2 2 4 1 1 1 2 2 4 4 1 1 2 2 4 4 1 1 1 2 2 4 4 1 1 1 2 2 4 4 4 2 4 4 2 4 4 4 4	Year 13 15 15 17 17 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19
Social Services  SAPSO  SAPSO  SAPSO  SAPSO  SAPSO  EuroStox, 50  BISX  DAX  MB  ASS, Alteris  MSCI Laters  Boyersp Black  Bowersp Black  Bowersp Black  Morce Rinski  Mor	kmitcus ( kwitcus ( kwitcu	0 Daily 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	Weskly, 0-33 -0.8 -0.9 -0.2 -0.7 -0.2 -0.7 -0.7 -0.2 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7	Monthly 0 0 3 3 1 1 2 1 2 6 13 3 0 4 4 2 7 3 0 1 1 Monthly 2 2 4 1 1 1 2 2 2 4 1 1 1 2 2 2 4 1 1 1 1	Year 13 15 2 19 4 1 13 15 2 19 4 1 13 3 7 7 4 27 53 10 10 27 53 31 11 15 Year 17 16 18 9 9 19 19 19 10 46 6 9 2 15
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Stock SAPSO SAPSO Distriction	k mirkets of level level 2,2,769 19,803 19,803 19,805 19,8	0 bally 0.5 bally 0.11.4.4.1.1.1.0.8.6.5.1.1.1.1.0.2.1.1.1.8.0.7.1.1.1.9.0.7.1.1.1.8.0.7.1.1.1.1.9.0.7.1.1.1.1.9.0.7.1.1.1.1.9.0.7.1.1.1.1.9.0.7.1.1.1.1.9.0.7.1.1.1.1.9.0.7.1.1.1.1.9.0.7.1.1.1.1.9.0.7.1.1.1.1.9.0.7.1.1.1.1.9.0.7.1.1.1.1.9.0.7.1.1.1.1.9.0.7.1.1.1.9.0.7.1.1.1.1.9.0.7.1.1.1.1.9.0.7.1.1.1.1.9.0.7.1.1.1.1.9.0.7.1.1.1.1.9.0.7.1.1.1.1.9.0.7.1.1.1.1.9.0.7.1.1.1.1.9.0.7.1.1.1.9.0.7.1.1.1.1.9.0.7.1.1.1.1.9.0.7.1.1.1.1.9.0.7.1.1.1.1.9.0.7.1.1.1.9.0.7.1.1.1.1.9.0.7.1.1.1.1.9.0.7.1.1.1.1.9.0.7.1.1.1.1.9.0.7.1.1.1.1.9.0.7.1.1.1.1.9.0.7.1.1.1.1.9.0.7.1.1.1.1.9.0.7.1.1.1.1.1.9.0.7.1.1.1.1.9.0.7.1.1.1.1.9.0.7.1.1.1.1.9.0.7.1.1.1.1.9.0.7.1.1.1.1.1.9.0.7.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1	Weekly 24 - 24 - 25 - 25 - 24 - 25 - 24 - 25 - 25	Monthly 0 0 3 3 1 1 2 1 2 2 6 3 3 0 0 1 1 1 1 2 2 7 3 0 0 1 1 1 1 1 1 2 2 2 4 4 1 3 3 2 2 4 4 1 3 5 5	Year 13 13 15 2 19 4 1 1 13 7 7 4 1 13 7 7 7 4 1 12 7 15 3 10 10 17 17 18 6 6 15 17 17 18 6 6 15 17 17 18 6 6 15 17 17 18 6 6 15 17 17 18 18 19 10 10 10 10 10 10 10 10 10 10 10 10 10
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Social Services  SAPSO  SAPSO  SAPSO  SAPSO  SAPSO  EuroStox, 50  BISX  DAX  DAX  MB  ASS, Alteris  BOCL Europe  BOCL EURO	k mirkets of level level 2,2,769   19,803   19,803   19,803   11,809   41,150   11,809   41,150   11,809   41,150   11,809   41,150   11,809   41,150   48,852   11,809   48,852   11,809   48,852   11,809   48,950   22,170   48,950   22,170   48,950   22,170   48,950   21,170   48,950   48,9	O pally pally 10.1 pal	Weekly 9	Mouthly 0 0 0 0 3 3 1 1 1 2 2 2 6 6 13 3 3 0 1 1 2 2 2 6 6 13 3 3 0 0 1 1 1 2 2 2 6 6 1 3 3 3 0 0 1 1 1 1 2 2 2 7 7 3 0 0 1 1 1 1 2 2 2 3 3 2 2 4 4 1 1 3 3 2 2 2 4 4 1 1 3 3 2 2 2 4 4 1 1 3 3 2 2 2 4 4 1 1 3 3 2 2 2 4 4 1 1 3 3 2 2 2 2 4 4 1 1 3 3 2 2 2 4 4 1 1 3 3 2 2 2 2 4 4 1 1 3 3 2 2 2 2 4 4 1 1 3 3 2 2 2 2 4 4 1 1 3 3 2 2 2 2 4 4 1 1 3 3 2 2 2 2 2 2 4 4 1 1 3 3 2 2 2 2 2 2 4 4 1 1 3 3 2 2 2 2 2 2 4 4 1 1 3 3 2 2 2 2 2 2 4 4 1 1 3 3 2 2 2 2 2 2 4 4 1 1 3 3 2 2 2 2 2 2 4 4 1 1 3 3 2 2 2 2 2 2 2 4 4 1 1 3 3 2 2 2 2 2 2 4 4 1 1 3 3 2 2 2 2 2 2 2 4 4 1 1 3 3 2 2 2 2 2 2 2 4 4 1 1 3 3 2 2 2 2 2 2 2 2 4 4 1 1 3 3 2 2 2 2 2 2 2 4 4 1 1 3 3 2 2 2 2 2 2 2 2 2 4 4 1 1 3 3 2 2 2 2 2 2 2 2 2 2 2 4 4 1 1 3 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Year 13 15 2 19 4 1 13 7 7 4 7 4 13 7 7 7 4 15 17 17 17 17 18 -6 15 17 19 19 19 19 19 19 19 19 19 19 19 19 19
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Social Services  SAPSO  SAPSO  SAPSO  SAPSO  SAPSO  SAPSO  EuroStock 50  BISCX  DAX  DAX  MB  ASS Afters  MSCI Laters  BOYER BERGO  BOYER BERGO  MORCH BERGO   MORCH BERGO  MORCH BERGO    MORCH BERGO   MORCH BERGO    MORCH BE	Number   N	Daily 0.1 0.5 0.1 0.5 0.1 0.1 0.5 0.1 0.1 0.5 0.1 0.1 0.5 0.1 0.1 0.5 0.1 0.1 0.5 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	Weekly 0-3 - 0-3 - 0-8 - 0-1 -	Mouthly 0 0 0 3 3 1 1 2 1 2 2 2 1 1 2 2 2 2 4 1 1 1 2 2 2 2	Year 115 12 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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Social Services  SAPSO  SAPSO  SAPSO  SAPSO  SAPSO  SAPSO  EuroStox, 50  BEX  DAX  MB  ASS, Alteris  BOX  DAX  MB  ASS, Alteris  BOYER, BERGE	Number   N	O Daily 1	Weekly 20-30-30-30-30-30-30-30-30-30-30-30-30-30	Morelly 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Years 115 12 12 14 1 11 12 15 12 17 17 17 17 17 17 17 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18
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September 2004 Septem	Nortices   Control   Nortices	0 0 ally 1 0 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0	Weekly We	Morthly 0 0 3 3 1 1 2 2 2 6 1 3 3 0 1 1 2 2 2 6 1 1 3 3 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Year 151 152 194 1151 177 177 171 171 171 171 171 171 17
See	Non-test of	0 oaily 10 o.1 o.2 o.2 o.2 o.4 o.4 o.4 o.4 o.5 o.7	Weekly 3.7 (2.8 deckly 3.8 deckly 3.0 deckly 3.8 d	Morthly 0 0 3 3 1 1 2 2 2 6 6 1 3 3 0 4 2 2 7 7 7 3 0 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Year 113 12 19 4 1 113 113 114 115 117 117 118 118 118 118 118 118 118 118
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Selection   Select	Number   N	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Weekly 13-0-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-	Morthly 0 0 3 3 1 1 1 2 2 2 6 1 3 3 0 1 1 1 2 2 2 6 1 1 3 3 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Year  15 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1





D ebt market	1 (10V 8) ab	on one in t	un).		
Developed Markets US (2-yr)	level 1.17	Daily 2.0	Week	Month -5	Year 14
us	2.38	5.1	0.4	-16	13
GER (2-yr) Germany	-0.72 0.36	1.6 3.9	0.1 3.2	11	-36 -21
France Spain	0.83 1.45	4.1 5.9	5.7 3.7	12 9	-11 -27
Italy Portugal	1.96 3.84	4.9 -0.2	9.8 -13.2	15 8	42 129
Greece	7.14	3.2	24.2	-6	-101
Japan (2-yr) Japan	0.06	-0.4 -0.8	1.6 -3.1	-6 -21	-22 -21
Emerging Markets Brazil	11.05	Daily 4.0	-21.6	Monthly -86	Year -536
Chile Colombia	4.20 6.86	0.9	1.0	-18 -36	-45 -188
Mexico	7.68	1.1 6.3	7.3 1.0	43	147
Peru Poland	6.18 3.63	0.9	-12.7 7.3 -13.0	-22 22	-134 -47 -133
Russia Turkey	8.19 11.06	-0.7 12.0	-13.0 -54.0	-42 -4	-133 29
India Indonesia	6.45 7.52	3.2	6.0	-6 -40	-127 -130
Country r	7.52 isk (bp, chang	es in bp)			
Developed Markets 10-yr sovereign spread vs Germany	level	Daily	Weekly	Monthly	Year
France Italy	47 160	1.0	2.5 6.6	1 3	10 62
Portugal Spain	348 109	-4.1	-16.4	-3	150
2-yr sovereign spread vs Germany		2.0	0.5	-2	-6
France Italy	14 62	-1.8	3.0	-2 -5	10 26
Portugal	90	-2.7 -2.4	-3.2	-14	47
Spain Emerging Markets	42 level	-2.7 Daily	-0.6 Weekly	-13 Monthly	9 Year
5-yr sovereign CDS *					
Brazil Chile	246 81	-2 0	-11 -2	-42 -5	-248 -50
Colombia	148	-2	-8	-13	-93
Mexico Peru	169 104	0	-9 -5	15 -3	-4 -83
Venezuela	3,808	-17	51	-133	-2351
Poland Russia	70 180	0 -2	7	-8 -1	-2 -124
Turkey	279 114	-5 1	-3 0	-5	5 6
India	122	2	-4	-5	-28
Indonesia	151 sk indicators	0	-4	41	-78
Volatilty indicators (%)	level	Daily	Weekly	Monthly	Year
VIX VST OXX	12 15	4.7 -5.2	10	-2	-8 -12
EM EFT volatility Index	18	41.1	-5 -2	-5	-30
Dollar/euro volatility	9	-4.8	-13 -4	-17 -4	-13 -6
EM FX volatility index Credit spread (BAA) (bps)	221	-1.1 -5.1	-4	-2	-102
US bonds volatility index Banking 5y CDS (bps) *	74	-0.8	2 Weekle	-2	7
US	73	Daily 0.4	Weekly	Monthly -1	Year -2
EZ UK	108 92	1.0	-2 -1	-9 -2	25 15
Large Spanish	118	0.6	-5	-9	-19
Medium Spanish Corporate 5y CDS (typs) *	156 level	-0.2 Daily	6 Weekly	1	-5 Year
US Non-financial	153	0.4	0	Monthly -1	-2
EZ Non-financial UK Non-financial	99 123	1.0	-2 0	-9 -2	25 -71
Interbank ma	arkets (%, che	inges in by		-2	-71
EONIA Index	-0.35	Daily 0.00	Weekly 0.0	Monthly 0.0	Year -0.1
Euribor 3m	-0.33	0.00	0.0	0.0	-0.2
Euribor 12m Libor 3m	-0.10 1.02	0.00	0.0	0.0	-0.2 0.4
Libor 12m	1.70	0.00	0.0	0.0	0.5
EZ TED spread 3m	56.9 ck markets (	-3.50	-2.7	-5.3	11.5
Main indices	ck markets (		Weekly	Monthly	Year
Main indices S&P500	2,269	Daily 0.1	-0.3	Monthly 0	13
Dow Jones Nikkel	19,803 18,894	-0.1 0.4	-0.8 -2.4	-3	15
FTSE 100	7,248	0.4	-0.6	3	19
EuroStoxx 50 IBEX	3,294 9,384	0.3 -0.1	-0.4 -0.3	1	4
DAX	11,599	0.5	-0.4	2	13
CAC	4.853	-0.1 0.3	-0.7 -0.7	1 2	7 -7
MIB ASE Athens	19,355 643	0.2	-3.0	2	4
MIB ASE Athens MSCI Latam * Iboyespa (Brazil)	19,355 643 75,127 64,680	0.2 0.7 0.5	-3.0 2.2 3.6		27 53
MIB ASE Athens MSCI Latam * Ibovespa (Brazil) Meddol	19,355 643 75,127 64,680 46,340	0.2 0.7 0.5 0.7	-3.0 2.2 3.6 0.9	2 6 13 3	27 53 10
MIB ASE Athens MSCI Latam * Ibovespa (Brazil) Medool MSCI EN Europe * Poland	19,355 643 75,127 64,680 46,340 4,950 2,006	0.2 0.7 0.5 0.7 -0.3 -0.5	-3.0 2.2 3.6 0.9 -0.9 -1.2	2 6 13 3 0 4	27 53 10 17 11
MIB ASE Athens MSCI Latam * (Ibovespa (Brazil) Mecbol MSCI Entrope * Poland Misor (Muscile)	19,355 643 75,127 64,680 46,340 4,950 2,006 2,170	0.2 0.7 0.5 0.7 -0.3 -0.5 -0.4	-3.0 2.2 3.6 0.9 -0.9 -1.2 -2.2	2 6 13 3 0 4	27 53 10 17 11 25
MMB ASE Athens ASE Latens MSCI Latam* Ibovespa (Brazi) Mocbol MSCI EM Europe * Poland Micox (Russia) Micox (Russia) Sea 100 (Turkey) MSCI EM Asia *	19,355 643 75,127 64,680 46,340 4,950 2,006 2,170 82,779 713	0.2 0.7 0.5 0.7 -0.3 -0.5 -0.4 0.5	-3.0 2.2 3.6 0.9 -0.9 -1.2 -2.2 6.6 0.3	2 6 13 3 0 4 -2 7 3	27 53 10 17 11 25 17 8
MIB ASE Athers MSCI Latam * Ibovespa (Brazil) Mochol MSCI CM Europe * Petand Micro (Russia) Micro (Russia) Micro (Russia) MSCI CM Asia * Shanghal Com (Chia)	19,355 643 75,127 64,680 46,340 4,950 2,006 2,170 82,779 713 3,113	0.2 0.7 0.5 0.7 -0.3 -0.5 -0.4 0.5 0.4	-3.0 2.2 3.6 0.9 -0.9 -1.2 -2.2 6.6 0.3 -0.8	2 6 13 3 0 4 -2 7 3	27 53 10 17 11 25 17 8
MIB ASC Albers MSCI Latam * thoregas (finazi) bloregas (finazi) bl	19,355 643 75,127 64,680 46,340 4,950 2,006 2,170 82,779 713 3,113 5,295 level	0.2 0.7 0.5 0.7 -0.3 -0.5 -0.4 0.5 0.4 0.1 0.5	-3.0 2.2 3.6 0.9 -0.9 -1.2 -2.2 6.6 0.3	2 6 13 3 0 4 -2 7 3	27 53 10 17 11 25 17 8 -6 15
MIE ASS Albens MSCI Latam * Bloovepa (filino) Moctod Mocto	19,355 643 75,127 64,680 46,340 4,950 2,006 2,170 82,779 713 3,113 5,295 level 115,4	0.2 0.7 0.5 0.7 -0.3 -0.5 -0.4 0.5 0.4 0.1 0.5 Daily	-3.0 2.2 3.6 0.9 -0.9 -1.2 -2.2 6.6 0.3 -0.8 -0.3 Weekly -3.7	2 6 13 3 0 4 -2 7 3 0 1 Monthly	27 53 10 17 11 25 17 8 -6 15 Year 25
MIS ASE Alberts MSC Latans MSC La	19,355 643 75,127 64,680 46,340 4,950 2,006 2,170 82,779 713 3,113 5,295 level 115,4 83,4	0.2 0.7 0.5 0.7 -0.3 -0.5 -0.4 0.5 0.4 0.1 0.5 Daily 0.0 -0.1 -1.6	-3.0 2.2 3.6 0.9 -0.9 -1.2 -2.2 6.6 0.3 -0.8 -0.3 Weekly -3.7 -4.2 -4.2	2 6 13 3 0 4 -2 7 3 0 1 Monthly -2 -2 -4	27 53 10 17 11 25 17 8 -6 15 Year 25 31
MIS ASE Alberts MSCI Latam * Ibovepa (fland) Moctod	19,355 643 75,127 64,680 46,340 4,950 2,006 2,170 82,779 713 3,113 5,295 level 115,4	0.2 0.7 0.5 0.7 -0.3 -0.5 -0.4 0.5 0.4 0.1 0.5 Daily 0.0	-3.0 2.2 3.6 0.9 -0.9 -1.2 -2.2 6.6 0.3 -0.8 -0.3 Weekly -3.7 -4.2	2 6 13 3 0 4 -2 7 3 0 1 Monthly -2 -2	27 53 10 17 11 25 17 8 -6 15 Year 25 31
MIS ASE Alberts MSCI Latter MSCI Latter MSCI Latter MSCI Latter MSCI EM Except Pelard Micro (Rouse) MSCI EM (Annual Pelard Micro (Rouse) MSCI EM (Annual Pelard	19,355 643 75,127 64,680 46,340 4,950 2,006 2,170 82,779 713 3,113 5,295 level 115,4 83,4 42,6 233,8	0.2 0.7 0.5 0.7 -0.3 -0.5 -0.4 0.5 0.4 0.1 0.5 Daily 0.0 -0.1 -1.6 1.4 -0.8	-3.0 2.2 3.6 0.9 -0.9 -1.2 -2.2 6.6 0.3 -0.8 -0.3 -0.8 -0.3 -4.2 -4.2 -4.2 -3.1	2 6 13 3 0 4 -2 7 3 0 1 Monthly -2 -2 -4 -1 -1 -2	27 53 10 17 11 25 17 8 -6 15 Year 25 31 12 36 35 32
MIS ASC Athens MSC Lather MSC Lather MSC Lather MSC Lather MSC Lath Except Pedard Micro (Rexista) the 100 (Turkey) MSC Lath Asia* Shorpia Com (Chia) Shorpia Com (Chi	19,355 643 75,127 64,680 46,340 46,340 2,006 2,170 82,779 713 3,113 5,295 level 115,4 83,4 57,5 22,4 42,6 233,8 101,4 59,7	0.2 0.7 0.5 0.7 -0.3 -0.5 -0.4 0.1 0.5 Daily 0.0 -0.1 -1.6 1.4 1.1 -0.8	-3.0 2.2 3.6 0.9 -0.9 -1.2 -2.2 -2.6 6.6 0.3 -0.8 -0.3 -0.8 -0.3 -0.8 -0.3 -0.3 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	2 6 13 3 0 4 -2 7 3 0 1 1 Monthly -2 -4 -1 -1 -2 0	27 53 10 17 11 25 17 8 -6 15 Year 25 31 12 36 35 32 -4
MIS ASC Alberts MSCI Latam * MSCI Latam * MSCI Latam * MSCI ME Comparition Model Mod	19,355 643 75,127 64,680 46,340 2,006 2,170 82,779 713 5,295 level 115,4 83,4 57,5 22,4 42,6 233,8 101,4 59,7 12,4	0.2 0.7 0.5 0.7 -0.3 -0.5 -0.4 0.1 0.5 0.4 0.1 0.5 0.0 -0.1 -1.6 1.4 1.1 -0.8 -0.7	-3.0 2.2 3.6 0.9 -0.9 -1.2 -2.2 -2.2 -6.6 0.3 -0.8 -0.3 -0.8 -3.7 -4.2 -4.2 -3.1 -2.5 -4.9 -1.1 -1.5 -2.4	2 6 13 3 0 4 -2 7 3 0 1 1 Monthly -2 -2 -4 -1 -1 -2 0 1 5	27 53 10 17 11 25 17 8 -6 15 Year 25 31 12 36 35 32 -4 17 16
MIS ASE Alberts MSCI Latter MS	19,355 643 75,127 64,680 46,340 2,006 2,170 82,779 713 3,113 5,295 level 115,4 83,4 57,5 22,4 42,6 233,8 101,4 59,7 12,4 17,6	0.2 0.7 0.5 0.7 -0.3 -0.5 -0.4 0.5 0.4 0.1 0.5 Daily 0.0 -0.1 -1.6 1.1 -0.7 -1.4 -0.7 -1.4 -0.7	-3.0 2.2 3.6 0.9 -0.9 -1.2 -2.2 -6.6 0.3 -0.3 Weekly -3.7 -4.2 -4.2 -4.2 -3.1 -2.5 -4.9 -1.1 -1.5 -2.4 -2.8	2 6 13 3 0 4 -2 7 3 0 1 1 Monthly -2 -2 -4 -1 -1 -2 0 -1 5 0 -1	27 53 10 17 11 25 17 8 -6 15 Year 25 31 12 36 35 32 -4 17 16
MIS ASC Alberts MSCI Latam * MSCI Latam * MSCI Latam * MSCI Latam * MSCI MSCI MSCI MSCI MSCI MSCI MSCI MSCI	19,355 643 75,127 64,680 46,340 4,950 2,006 2,170 82,779 7,173 3,113 5,295 level 115,4 83,4 57,5 22,4 42,6 233,8 101,4 17,6 13,3 2,4	0.2 0.7 0.5 0.7 -0.3 -0.5 0.4 0.5 0.1 0.5 Daily 0.0 -0.1 -1.6 1.1 -0.8 -0.7 -0.7 0.5	-3.0 2.2 3.6 0.9 -0.9 -1.2 6.6 0.3 -0.8 -0.3 Weekly -3.7 -4.2 -4.2 -3.1 -2.5 -4.9 -1.1 -1.5 -2.4 -2.8 -2.5 -2.0	2 6 13 3 0 4 -2 7 3 0 1 1 Monthly -2 -2 -4 -1 -1 -2 0 -1 5 0	27 53 10 17 11 25 17 8 -6 15 Year 25 31 12 36 35 32 -4 17 16 -18
MIS ASC Alberts MSCI Latam * MSCI Latam * MSCI Latam * MSCI Misses More and Misses More and Misses M	19,355 643 75,127 64,680 46,340 4,950 2,006 2,170 82,779 115,4 83,4 57,5 22,4 42,6 233,8 101,4 17,6 13,2 10,7 11,6 11,6 11,6 11,6 11,6 11,6 11,6 11	0.2 0.7 0.5 0.7 0.3 -0.5 0.4 0.5 0.4 0.1 0.5 Daily 0.0 -0.1 -1.6 1.4 -0.7 -0.7 -0.3 -0.5 -0.4 -0.5 -0.4 -0.5 -0.4 -0.5 -0.4 -0.5 -0.4 -0.5 -0.4 -0.5 -0.4 -0.5 -0.4 -0.5 -0.4 -0.5 -0.5 -0.4 -0.5	-3.0 2.2 3.6 0.9 -0.9 -1.2 -2.2 6.6 0.3 -0.8 -0.3 -0.8 -0.3 -0.8 -0.3 -0.7 -4.2 -4.2 -4.2 -3.1 -2.5 -4.9 -1.1 -1.5 -2.4 -2.8 -2.5 -2.0 -2.2 -2.2 -2.2 -2.2 -2.2 -2.2 -2.2	2 6 13 3 0 4 -2 7 3 0 1 1 1 -2 2 0 -1 1 1 -2 2 -2 -2 -4 1 1 -1 -2 0 -1 1 1 -2 2 -2 -2 -4 1 1 -2 2 -2 -2 -4 1 1 -2 2 -2 -4 1 1 1 -2 2 -2 -2 -4 1 1 -2 2 -2 -2 -4 1 1 -2 2 -2 -2 -4 1 1 -2 2 -2 -2 -4 1 1 -2 2 -2 -2 -4 1 1 -2 2 -2 -2 -4 1 1 -2 2 -2 -2 -4 1 1 -2 2 -2 -2 -4 1 1 -2 2 -2 -2 -4 1 1 -2 2 -2 -2 -4 1 1 -2 2 -2 -2 -4 1 1 -2 2 -2 -2 -4 1 1 -2 2 -2 -2 -4 1 1 -2 2 -2 -2 -2 -4 1 1 -2 2 -2 -2 -2 -4 1 1 -2 2 -2 -2 -2 -4 1 -2 -2 -2 -2 -4 1 -2 -2 -2 -2 -4 1 -2 -2 -2 -2 -2 -4 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	27 53 10 17 11 25 17 8 -6 15 Year 25 31 12 36 35 32 -4 17 16 18 9 19 19 19 19 19 19 19 19 19 19 19 19 1
MIS ASE Alberts MSCI Latter MSCI Latter MSCI Latter MSCI Latter MSCI EM Excepte* Pedard MISCR (Richard) MISCR	19,355 643 75,127 64,680 46,340 4,950 2,006 2,170 82,779 713 3,113 5,295 level 115,4 83,4 57,5 22,4 42,6 233,8 101,4 59,7 12,4 17,6 13,3 2,4 45,5	0.2 0.7 0.5 0.7 -0.3 -0.5 0.4 0.1 0.5 0.4 0.1 0.5 0.0 -0.1 -1.6 1.4 1.1 -0.8 -0.7 -1.4 -0.7	-3.0 2.2 3.6 0.9 -0.9 -1.2 -2.2 6.6 0.3 -0.8 -0.3 -0.8 -3.7 -4.2 -4.2 -4.2 -4.1 -1.5 -2.4 -2.8 -2.5 -2.0 -1.9 2.8 -1.3	2 6 13 3 0 4 -2 7 3 0 1 Monthly -2 -2 -4 -1 -1 -2 0 -1 -1 -2 0 -1 -1 -2 0 -1 -1 -2 0 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	27 53 10 17 11 25 17 8 6 6 15 Year 25 31 12 36 35 32 4 17 16 18 9
MIS ASK Alberts MSC Lattam * MS	19,355 643 75,127 64,680 46,340 4,950 2,006 2,170 82,779 713 3,113 5,295 level 115,4 83,4 57,5 22,4 42,6 233,8 101,4 17,6 113,3 2,4 17,6 13,3 2,4 17,6 13,3 2,4 17,6 13,6 13,6 13,6 13,6 13,6 13,6 13,6 13	0.2 0.7 0.5 0.7 0.3 0.4 0.5 0.4 0.1 0.5 0.3 0.4 0.1 1.4 1.1 1.4 1.1 1.4 1.7 1.4 1.7 1.4 1.7 1.5 1.6 1.6 1.7 1.6 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	3.0 2.2 3.6 0.9 4.2 2.2 2.2 2.2 3.6 6.6 6.3 3.0 8.8 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2	2 6 3 3 0 4 2 7 3 3 0 1 1 Monthly 2 2 2 4 4 1 1 2 0 0 1 1 5 5 0 0 1 1 2 2 3 3 2 2 3 2	27 53 10 17 11 12 55 31 12 36 35 32 4 17 16 18 9 19 19 10 30 11 30 11 30 11 31 31 31 31 31 31 31 31 31 31 31 31
MIS ASC Alberts MSCI Latam * MSCI Latam * MSCI Latam * MSCI Latam * MSCI MSCI MSCI MSCI MSCI MSCI MSCI MSCI	19,355 643 75,127 64,680 46,340 4,950 2,006 2,170 82,779 713 3,113 5,295 level 115,4 83,4 57,5 22,4 42,6 233,8 101,4 59,7 112,4 45,7 12,4 17,6 66,6 678,8 219,0 227,6 65,2	0.2 0.7 0.5 0.7 0.3 0.5 0.4 0.1 0.5 0.3 0.4 0.1 0.5 0.1 1.1 1.0 0.8 0.7 0.5 0.7 0.5 0.4 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1	3.0 2.2 3.5 0.9 4.2 2.2 2.2 2.2 4.2 4.2 4.2 4.2 4.2 4.2	2 6 7 3 3 0 4 2 7 7 3 0 1 1 Monthly 2 2 2 4 4 1 1 2 2 0 1 1 1 2 2 2 3 3 2 2 2 4 4	27 53 10 17 11 12 55 31 12 36 35 32 -4 17 16 18 9 19 10 -46 1 1 30 -25 6
MIS ASK Alterns MSCI Latern MSCI Latern MSCI Latern MSCI Extractor	19,355 643 75,127 64,680 46,340 4,950 82,779 713 3,113 5,295 level 115,4 83,4 57,5 42,6 233,8 101,4 59,7 12,4 42,6 133,3 2,4 45,5 2,7 86,6 678,8 219,0 227,6 65,2	0.2 0.7 0.5 0.7 0.3 0.4 0.1 0.5 0.4 0.1 1.1 0.8 1.4 1.1 1.0 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	3.0 2.2 3.6 0.9 1.2 2.2 2.2 2.2 2.6 6.6 0.3 0.3 3.7 4.2 4.2 3.1 1.5 4.9 1.1,5 2.4 2.5 2.5 2.0 2.3 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1	2 6 13 3 3 0 4 4 2 7 3 3 0 1 1 1 1 2 2 2 4 4 1 1 1 2 2 4 4 1 1 1 2 2 2 4 4 1 1 1 2 2 2 4 4 1 1 1 2 2 2 4 4 1 1 1 1	27 53 10 17 11 12 5 17 8 6 6 15 Year 25 31 12 36 33 35 32 4 16 18 9 9 19 10 10 10 10 10 10 10 10 10 10 10 10 10
MIS ASK Athens MSC Latam * MSC	19,355 643 75,127 64,680 46,340 46,340 48,2,779 2,170 82,779 115,4 83,4 57,5 12,4 42,6 23,8 101,4 59,7 12,4 42,6 678,8 219,0 678,8 219,0 678,8 219,0 65,2 75,2 5,1 6,1	0.2 0.7 0.5 0.7 0.3 0.4 0.5 0.4 0.1 0.5 0.4 0.1 1.6 0.8 0.7 1.4 1.1 1.4 1.1 1.6 1.6 1.7 1.7 1.7 1.7 1.7 1.8 1.8 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9	3.0 2.2 3.6 0.9 1.2 2.2 2.2 2.2 2.2 2.2 3.7 4.2 3.7 4.2 3.7 4.2 3.1 1.5 4.9 1.1 1.5 2.5 2.5 2.5 4.9 1.1 1.5 2.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	2 6 13 3 3 0 4 4 2 7 7 3 0 0 1 1 1 -2 2 2 3 3 -2 2 2 4 4 -1 3 3 -5 5	27 53 10 17 11 25 17 8 6 6 15 Year 25 31 12 35 32 4 17 16 8 9 -19 9 -19 10 -46 1 1 30 -25 6 6 7 1 7 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1
MIS ASC Alberts MSCI Latter MS	19,355 643 75,127 64,680 46,340 46,340 42,170 82,779 31,113 3,113 5,295 level 115,4 183,4 59,7 12,4 42,6 233,8 101,4 17,6 13,3 2,4 17,6 13,3 2,4 17,6 67,8 219,0 227,6 65,2 75,2 75,2	0.2 0.7 0.5 0.7 0.5 0.4 0.5 0.4 0.1 0.5 0.4 0.1 0.5 0.4 1.1 0.8 0.7 0.0 0.1 1.4 1.1 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	3.0 2.2 3.5 0.9 1.2 2.2 2.2 2.2 2.2 2.3 3.7 4.2 3.7 4.2 3.1 1.5 2.4 4.9 1.1,1 2.5 2.4 2.8 1.3 1.5 2.1 2.8 2.8 2.8 2.8 2.8 2.8 2.8 2.8 2.8 2.8	2 6 13 3 3 0 4 4 2 7 7 3 0 1 1 Monthly 2 2 2 4 4 1 1 1 2 2 2 2 4 4 1 3 3 3 2 2 2 4 4 1 3 3	27 53 10 17 11 25 17 8 -6 15 Vear 25 31 12 36 33 35 32 -4 17 16 -18 9 9 19 10 -46 11 30 11 30 11 30 11 30 11 30 11 30 10 30 10 30 10 30 10 30 10 30 10 30 10 30 10 30 30 30 30 30 30 30 30 30 30 30 30 30
MIS ASC Alberts MSCI Latter MS	19,355 643 75,127 64,680 46,340 4,950 2,006 2,170 82,779 713 3,113 5,295 lovel 115,4 83,4 24,6 23,8 101,4 17,6 13,3 2,4 45,5 2,7 86,6 678,8 219,0 678,8 219,0 678,8 219,0 678,8 219,0 678,8 219,0 678,8 219,0 678,8 219,0 678,8	0.2 0.7 0.5 0.7 0.5 0.7 0.3 0.4 0.5 0.4 0.1 0.5 0.0 1.4 1.6 0.7 1.1 1.1 0.2 0.7 1.1 1.1 0.2 0.7 1.1 1.1 0.2 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	3.0 2.2 2.2 3.6 0.9 1.2 2.2 6.6 0.3 0.8 0.3 0.8 0.3 3.7 4.9 1.1 1.5 2.4 4.2 1.1 1.5 2.4 2.8 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	2 6 13 3 3 0 4 2 7 3 3 0 1 1 Monthly 2 2 4 1 1 1 2 2 0 1 1 1 2 2 2 4 1 1 1 2 2 2 2 4 1 1 3 3 5 1 2 2 4 4 1 1 2 2 4 4 1 1 1 2 2 2 2 4 4 1 1 3 5 5 1 2 2 4 4 1 1 3 5 5 1 2 2 4 4 1 1 3 5 5 1 1 2 2 4 4 1 1 3 5 5 1 1 2 2 4 4 1 1 3 5 5 1 1 2 2 4 4 1 1 3 5 5 1 1 2 2 4 4 1 1 3 5 5 1 1 2 2 4 4 1 1 3 5 5 1 1 2 2 4 1 1 3 3 5 5 1 1 2 2 4 1 1 3 3 5 5 1 1 2 2 4 1 1 3 3 5 5 1 1 2 2 4 1 1 3 3 5 5 1 1 2 2 4 1 1 3 3 5 5 1 1 2 2 4 1 1 3 3 5 5 1 1 2 2 4 1 1 3 3 5 5 1 1 2 2 4 1 1 3 3 5 5 1 1 2 2 4 1 1 3 3 5 5 1 1 2 2 4 1 1 3 3 5 5 1 1 2 2 4 1 1 3 3 5 5 1 1 2 2 4 1 1 3 3 5 5 1 1 2 2 4 1 1 3 3 5 5 1 1 2 2 4 1 1 3 3 5 5 1 1 2 2 4 1 1 3 3 5 5 1 1 2 2 4 1 1 3 3 5 1 1 1 2 2 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1	27 53 10 17 117 25 17 8 -6 15 25 31 12 36 35 32 -4 17 16 -18 8 9 -19 10 -46 -9 2 2 5 2 5 6 6 9 -19 10 10 10 10 10 10 10 10 10 10 10 10 10
MIS ASK Alterns MSC Laterns Laterns MSC Laterns Latern	19,355 643 75,127 644 75,127 643 46,340 46,340 46,340 46,340 62,779 71,31 3,113 52,4 42,6 42,779 71,24 44,5 52,7 72,4 45,5 72,7 72,4 45,5 72,7 72,4 75,6 76,8 76,8 76,8 76,8 76,8 76,8 76,8 76	0.2 0.7 0.5 0.7 0.5 0.7 0.3 0.4 0.5 0.4 0.1 0.1 0.0 0.0 0.1 1.4 1.1 0.7 1.4 0.7 1.4 0.7 1.1 1.0 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.1 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	3.0 3.0 3.0 3.0 3.7 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2	2 6 13 3 3 0 4 2 7 3 0 1 1 Monthly 2 2 4 4 1 1 1 2 2 2 3 3 2 2 4 4 1 1 3 5 5 1 1 2 2 4 4 4 4 2 2	27 53 10 17 11 25 17 8 -6 -6 15 5 Year 25 32 -4 17 16 -18 9 9 -4 6 1 1 3 0 -9 2 5 6 6 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
MIS   ASE Alberts  MSCI Latter  MSCI Latter  MSCI Latter  MSCI Latter  MSCI Latter  Micro (Rossia)  Micro (Rossia)  Micro (Rossia)  Sharpia (Com (China)  Sharpia	19,355 643 75,127 644 75,127 644 46,340 46,340 46,340 46,340 46,340 46,340 46,340 46,340 46,340 46,340 46,340 47,176 47,1	0.2 0.7 0.5 0.7 0.5 0.4 0.5 0.4 0.5 0.4 0.1 1.6 0.5 0.1 1.4 1.1 0.8 0.7 0.7 0.7 0.4 0.7 0.7 0.7 0.7 0.1 1.8 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	3.0 3.0 0.9 1.2 2.2 3.6 0.9 1.2 2.2 6.6 0.3 0.8 3.7 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.3 1.1 1.5 2.4 2.8 2.5 2.0 2.8 2.8 2.8 2.8 2.8 2.8 2.8 2.8	2 6 13 3 3 0 4 2 7 3 0 0 1 1 2 2 2 4 4 1 1 2 2 2 3 3 5 1 1 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	27 53 10 17 11 25 17 8 6 6 15 15 12 36 35 32 4 17 16 18 9 9 19 10 46 6 9 9 2 15 15 17 16 16 16 16 16 16 16 17 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18
MAIS ASE Alberts MSCI Latter MSCI Latter MSCI Latter MSCI Latter MSCI Latter Peland Micro (Roush) Micro (Micro) MSCI Latter MS	19,355 643 75,127 644 75,127 644 46,340 46,340 46,340 46,340 46,340 46,340 46,340 46,340 46,340 46,340 46,340 47,176 47,1	0.2 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.4 0.5 0.4 0.5 0.5 0.6 0.1 1.4 1.1 1.0 8 0.7 0.7 0.5 0.1 1.4 0.7 0.5 0.1 1.4 0.7 0.5 0.1 1.8 0.5 0.7 0.5 0.1 1.8 0.5 0.7 0.1 1.8 0.5 0.7 0.7 0.4 0.2 0.7 0.7 0.4 0.2 0.7 0.7 0.4 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	3.0 3.0 3.0 3.0 3.7 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2	2 6 13 3 3 0 4 2 7 3 3 0 1 1 Monthly 2 2 4 4 1 1 5 0 1 1 2 2 2 2 2 4 4 1 3 3 5 1 2 2 2 4 4 4 2 2 2 4 Monthly Monthly 2 2 4 4 4 2 2 2 Monthly Monthly 2 4 4 4 2 2 2 4 4 4 5 2 2 4 4 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	27 53 10 17 11 25 17 8 -6 -6 15 5 Year 25 32 -4 17 16 -18 9 9 -4 6 1 1 3 0 -9 2 5 6 6 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
MIS  ASE Athers  MSC Lattam *	19,355 (44) (45,40) (46,40) (4	0.2 0.7 0.5 0.7 0.5 0.4 0.5 0.4 0.5 0.6 0.4 0.1 0.5 0.6 0.7 1.1 4.0 0.7 1.1.4 0.7 1.1.4 0.7 1.1.4 0.7 0.7 0.0 0.0 0.0 0.1 0.1 0.2 0.0 0.0 0.1 0.1 0.2 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	3.0 (3.0 (3.0 (3.0 (3.0 (3.0 (3.0 (3.0 (	2 6 13 3 3 0 4 2 7 3 3 0 1 1 1 1 1 2 2 2 4 4 1 1 2 2 2 2 4 4 1 1 2 2 2 2	27 53 10 17 11 25 17 8 6 6 15 12 25 31 12 36 35 32 4 4 17 16 18 9 9 19 10 25 6 19 10 10 10 10 10 10 10 10 10 10 10 10 10
MIS ASC Athens MSC Latam * MSC	19.355 643 75.127 644 75.127 644 75.127 645 75.127 645 75.127 645 75.127 645 75.127 645 75.127 65.12	0.2 0.7 0.5 0.4 0.5 0.4 0.1 0.5 0.6 0.7 1.1 1.1 0.5 0.1 1.1 1.1 0.8 0.0 0.0 0.1 1.1 1.1 0.8 0.5 0.1 1.1 0.2 0.3 0.1 0.2 0.2 0.2 0.3 0.1 0.2 0.2 0.2 0.3 0.2 0.2 0.2 0.2 0.3 0.2 0.2 0.2 0.3 0.8 0.8 0.8 0.8 0.8	3.0 (9.0 (1.0 (1.0 (1.0 (1.0 (1.0 (1.0 (1.0 (1	2 6 13 3 3 0 4 2 2 7 7 3 0 1 1 1 1 2 2 2 4 4 1 1 2 2 2 4 4 1 1 1 2 2 2 2	27 53 10 17 11 125 53 11 25 36 6 15 32 4 17 16 18 9 19 10 46 1 13 30 25 17 16 6 18 19 19 19 19 19 19 19 19 19 19 19 19 19
MIS  ASK Althers  MSCI Lather  MSCI Lather  MSCI Lath Excepte*  Peland  Mice (Rossish)  be 100 (Turky)  MSCI BM Asia*  MSCI BM	19,355 643 75,127 643 75,127 643 75,127 643 75,127 643 75,127 643 75,127 643 75,127 643 75,127 643 75,127 643 75,127 643 75,127 643 75,127 643 75,127 65,127	0.2 0.7 0.5 0.7 0.5 0.4 0.1 0.5 0.5 0.4 0.1 1.1 0.8 0.7 0.7 0.5 0.4 0.1 1.1 1.0 8.8 0.7 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	3.0 (3.0 (3.0 (3.0 (3.0 (3.0 (3.0 (3.0 (	2 6 13 3 0 4 2 2 7 7 3 3 1 1 1 2 2 2 2 2 4 4 1 1 2 2 2 2 2 4 4 1 1 2 2 2 2	27 53 10 17 11 125 17 8 -6 15 Year 12 36 35 32 -4 17 16 18 9 9 19 10 -6 18 19 10 10 10 10 10 10 10 10 10 10 10 10 10
MIS  ASK Athens MSCI Latter MSCI Latter MSCI Latter MSCI Latter MSCI Extract MSCI Latter MSCI Lat	19.355 643 75.127 644 75.127 644 75.127 644 75.127 645 75.127 645 75.127 645 75.127 645 75.127 645 75.127 645 75.127 645 75.127 645 75.127 645 75.127 65 65 678.8 75.127 65 65 678.8 75.127 65 65 678.8 75.127 65 65 678.8 75.127 65 65 678.8 75.127 65 65 678.8 75.127 65 65 678.8 75.127 65 65 678.8 75.127 65 65 678.8 75.127 65 65 678.8 75.127 65 65 678.8 75.127 65 65 678.8 75.127 65 65 678.8 75.127 65 65 65 678.8 75.127 65 65 65 678.8 75.127 65 65 65 678.8 75.127 65 65 65 678.8 75.127 65 65 65 65 65 65 65 65 65 65 65 65 65	0.2 0.7 0.5 0.7 0.5 0.7 0.5 0.6 0.1 0.5 0.5 0.4 0.1 0.5 0.1 0.5 0.4 0.1 0.5 0.1 0.5 0.1 0.5 0.1 0.5 0.1 0.5 0.1 0.5 0.1 0.5 0.1 0.5 0.1 0.5 0.1 0.5 0.1 0.5 0.1 0.5 0.1 0.1 0.5 0.1 0.1 0.5 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	3.0 (3.0 (3.0 (3.0 (3.0 (3.0 (3.0 (3.0 (	2 6 13 3 0 4 2 7 3 0 1 1 1 2 2 2 4 1 1 1 2 2 0 1 1 1 1 2 2 2 3 3 2 2 2 4 4 1 1 3 5 5 1 1 2 2 4 4 1 1 2 2 2 Monthly 2.7 Monthly 2.7 2 2 3 Monthly 2.7 2 3 Monthly 2.7 3	27, 53 10 17 11 25 17 8 6 15 12 12 36 35 32 4 17 16 18 9 10 10 16 17 16 17 16 17 16 17 16 17 16 17 17 16 18 18 18 18 18 18 18 18 18 18 18 18 18
MAS AC Arberts MSCI Latan  MSCI Latan  MSCI Latan  MSCI EMERCOPE  Peland  Micro (Rossia)  Micro (Rossia)  Micro (Rossia)  Micro (Rossia)  Micro (Rossia)  MSCI DM Adain  MSCI DM MSCI DM Adain  MSCI DM MSC	19.355 643 75.127 643 75.127 643 75.127 643 75.127 643 75.127 643 75.127 643 75.127 643 75.127 643 75.127 643 75.127 643 75.127 643 75.127 652	0.2	3.0 (3.0 (3.0 (3.0 (3.0 (3.0 (3.0 (3.0 (	2 6 13 3 0 4 2 7 3 0 1 1 Morethly 2 2 2 1 1 1 2 2 2 3 3 2 2 2 4 4 1 1 1 2 2 2 3 3 2 2 2 4 4 1 1 2 2 4 4 2 2 2 3 3 2 2 2 4 4 1 1 2 2 4 4 4 2 2 2 3 3 2 2 2 4 4 1 1 2 2 4 4 4 4 4 4 4 4 4 4 4	27, 53 10 11 125 17 8 6 15 17 8 6 15 17 18 18 18 18 18 18 18 18 18 18 18 18 18
MIS  ASK Alberts  MSCI Latter  MSCI Latter  MSCI Latter  MSCI Rich Excepte*  Peland  Mice (Rossis)  be 100 (Turky)  MSCI BM Asia*  MSCI BM As	19.355 641 75.127 641 75.127 642	0.2 0.7 0.5 0.7 0.5 0.6 0.1 0.5 0.5 0.4 1.1 0.5 0.0 0.7 1.4 1.1 1.8 0.5 0.7 1.1 1.2 0.3 0.8 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	3.0 (3.0 (3.0 (3.0 (3.0 (3.0 (3.0 (3.0 (	2 6 13 3 0 4 2 7 7 3 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	27 53 10 17 11 12 25 17 8 6 6 15 22 23 24 17 16 16 18 9 9 19 10 25 6 9 10 10 11 11 12 12 13 14 15 15 15 15 16 16 16 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18
MES ACE Alberts MSCI Latter MS	19.355 643 75.127 664 75.127 675	0.2 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.4 0.5 0.5 0.4 0.5 0.5 0.4 0.5 0.5 0.4 0.5 0.5 0.6 0.1 0.5 0.5 0.6 0.1 0.5 0.5 0.4 0.5 0.5 0.6 0.1 0.5 0.5 0.6 0.1 0.5 0.5 0.6 0.1 0.5 0.5 0.6 0.1 0.5 0.5 0.5 0.6 0.1 0.5 0.5 0.5 0.6 0.5 0.5 0.5 0.5 0.5 0.5 0.6 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	2 6 13 3 0 4 2 7 7 3 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	27 53 10 17 17 18 6-6 15 15 25 31 12 26 35 35 32 4 19 19 19 10 46 6 9 9 2 15 7 7 7 16 6 18 8 8 8 8 8 8 8 9 10 10 10 10 10 10 10 10 10 10 10 10 10
MAS AC Ambers MSC Latter MSC Latt	19.355   643   75.627   644   75.627   645   75.627   645	0.2 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.4 0.5 0.5 0.4 1.0 5.0 0.7 0.5 0.4 1.1 1.8 0.2 0.7 0.7 0.5 1.4 0.2 0.7 0.7 0.5 0.4 0.1 1.8 0.2 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	3.0 (3.0 (3.0 (3.0 (3.0 (3.0 (3.0 (3.0 (	2 6 13 3 3 0 4 2 7 7 3 0 1 1 Monthly 2 2 -4 1 1 1 1 2 2 2 3 2 0 0 1 1 1 2 2 2 3 3 -5 1 2 2 4 4 1 3 3 5 5 1 2 2 2 4 4 1 1 3 3 5 5 1 2 2 2 2 4 4 1 1 3 3 5 5 1 2 2 2 2 1 4 1 1 1 2 2 2 3 3 5 5 1 2 2 3 3 5 5 1 1 2 2 3 3 5 5 1 1 2 2 3 3 5 5 1 1 2 2 3 3 5 5 1 1 2 2 3 3 5 5 1 1 2 2 3 3 5 5 1 1 2 2 3 3 5 5 1 1 2 2 3 3 5 5 1 1 2 2 3 3 5 5 1 1 2 2 3 3 5 5 1 1 2 2 3 3 5 5 1 1 2 2 3 3 5 5 1 1 2 2 3 3 5 5 1 1 2 2 3 3 5 5 1 1 2 2 3 3 5 5 1 1 2 2 3 3 5 5 1 1 2 3 3 5 5 1 1 2 3 3 5 5 1 1 2 3 3 5 5 1 1 2 3 3 5 5 1 1 2 3 3 3 5 5 1 1 2 3 3 5 5 1 1 1 2 3 3 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	27 53 10 17 17 18 6-6 15 15 25 31 12 26 35 35 32 4 19 19 19 19 10 46 6 9 9 2 15 15 16 4 18 8 8 8 8 8 8 9 10 10 10 10 10 10 10 10 10 10 10 10 10
MAGE ACK Atherns MSCI Lattam* MSCI Lattam* MSCI Lattam* MSCI Lattam* MSCI EME Excepte* Perland MICHIGAN MICHIGAN MSCI EME Excepte* Perland MICHIGAN MICHIGAN MSCI EME Allow MSCI EM Allow MSCI EME MSCI	19.355 643 75.127 644 75.127 644 75.127 645 75.127 645 75.127 645 75.127 645 75.127 645 75.127 645 75.127 645 75.127 645 75.127 65 75.12	0.2 0.7 0.5 0.7 0.7 0.5 0.7 0.5 0.7 0.5 0.5 0.6 0.4 0.5 0.5 0.6 0.5 0.5 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	3.0 (3.0 (3.0 (3.0 (3.0 (3.0 (3.0 (3.0 (	2 6 13 3 0 4 2 7 3 3 0 1 1 1 2 2 4 4 1 1 5 5 0 1 1 1 2 2 2 2 4 4 1 1 2 2 2 2 4 4 1 1 2 2 2 2	27 53 10 17 11 12 5 17 18 8 9 12 12 12 13 13 12 13 13 13 13 13 13 14 14 15 16 17 17 18 18 19 19 19 10 10 10 10 10 10 10 10 10 10 10 10 10
MASE ARMENS  ASE AIMENS  MASC LABRAN  MASC LABRAN  MASC LABRAN  MASC LABRAN  MASC LABRAN  MASC LABRAN  STORY  Sharing Labran  Masc Micros  Sharing Labran  Sharing Labran  Sharing Labran  Masc Labran	19.355 643 75.126 643 75.126 643 75.126 643 75.126 643 75.126 643 75.126 643 75.126 643 75.126 643 75.126 643 75.126 643 75.126	0.2 0.7 0.5 0.7 0.5 0.6 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	32.0 3.0 0.9 0.9 0.9 1.2 2.2 3.1 0.9 0.9 0.9 0.9 1.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2	2 6 13 3 0 4 2 7 3 3 0 1 1 1 2 2 4 4 4 1 1 5 5 0 1 1 1 1 2 2 2 2 4 4 1 1 3 3 5 1 1 2 2 4 4 1 1 2 2 2 2 4 4 1 1 3 5 5 1 1 2 2 2 4 4 1 1 3 5 5 1 1 2 2 4 1 1 3 5 5 1 1 2 2 4 1 1 3 5 5 1 1 2 2 2 4 1 1 3 3 5 5 1 1 2 2 2 4 1 1 3 3 5 5 1 1 2 2 2 4 1 1 3 3 5 5 1 1 2 2 2 2 4 1 1 3 3 5 5 1 1 2 2 2 2 4 1 1 3 3 5 5 1 1 2 2 2 2 4 1 1 3 3 5 5 1 1 1 2 2 2 2 3 1 1 1 1 1 1 1 1 1 1 1 1	27 53 10 17 11 12 55 17 11 25 15 12 26 36 35 32 4 17 17 16 46 19 19 25 19 10 25 11 25 15 15 16 17 17 18 19 19 19 19 19 19 19 19 19 19 19 19 19
MAGE ARMEN  MSC Latter  MSC La	19.355 643 75.127 644 75.127 644 75.127 644 75.127 645 75.127 75.127 645 75.1	0.2 0.7 0.5 0.7 0.7 0.5 0.6 0.7 0.5 0.7 0.7 0.5 0.6 0.6 0.5 0.6 0.6 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	32.0 3.6 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	2 6 6 13 3 3 0 4 4 2 7 7 3 3 1 1 1 1 1 1 2 2 2 2 4 4 1 1 1 1 1 1 1 1	27 53 10 17 11 12 55 15 15 12 236 35 35 32 4 4 11 12 36 35 36 35 32 4 4 16 16 17 18 9 9 9 9 9 9 19 10 10 10 10 10 10 10 10 10 10 10 10 10
MAGE ARMEN MSC Latter	19.355 643 75.127 644 75.127 644 75.127 645 75.127 645 75.127 645 75.127 645 75.127 645 75.127 645 75.127 645 75.127 645 75.127 645 75.127 65.	0.2 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	32.0 3.6 9.9 9.9 9.9 9.9 9.0 9.0 9.0 9.0	2 6 13 3 3 0 1 4 2 2 1 4 1 1 2 2 2 1 4 1 1 2 2 2 2 4 4 1 1 2 2 2 2	27 53 10 17 11 25 17 18 46 65 15 72 35 32 4 17 16 18 9 9 19 19 10 46 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
MASE ARMENS MASC LATENT MASC ARMENS MASC LATENT MASC L	19.355   643   75.627   644   75.627   645   75.627   645   645   75.627   645	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 0.5 0.4 0.5 0.4 0.5 0.6 0.0 0.0 0.0 0.1 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	32.0 3.6 0.9 0.9 0.9 0.9 0.9 0.2 2.6 0.3 0.8 3.7 2.5 2.0 2.1 1.1 1.5 1.5 1.5 1.5 1.5 1.5 1	2 6 6 13 3 3 0 1 4 2 2 1 4 1 1 1 1 2 2 2 2 4 1 1 1 1 2 2 2 2	27 53 10 17 11 25 17 11 25 15 12 36 6 6 15 27 25 31 12 36 35 32 4 17 16 46 18 9 9 2 15 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18
MAGE Actions MAGE Latters MAGE	19.355 641 75.127 642 75.127 642 4.2006 2.170 6.2006 2.170 713 71 713 71 713 71 714 715 71 71	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 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	320 322 3.6 99 99 90 92 92 92 93 93 94 94 94 94 94 94 94 94 94 94	2 6 13 3 0 4 2 2 4 4 4 4 4 5 2 2 2 4 4 4 4 2 2 2 2	27 53 10 17 11 12 25 17 8 6 6 15 7 22 36 32 32 4 4 17 17 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19
MES ACE Alterns MSCI Latern MS	19.355   643   75.627   644   75.627   645	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 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	320 322 336 309 422 426 630 303 304 427 428 428 421 428 428 428 431 431 431 431 431 431 431 431	2 6 13 3 0 1 4 2 7 3 3 0 0 1 4 1 1 2 2 0 1 1 1 2 2 2 2 2 4 4 1 1 3 5 5 1 1 2 2 2 2 2 4 4 1 1 3 5 5 1 1 2 2 2 2 2 4 4 1 1 3 3 5 1 1 2 2 2 2 2 4 4 1 1 3 3 5 1 1 2 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1	27 53 10 17 11 25 17 18 8 6 15 17 25 31 25 31 12 25 36 36 36 11 12 12 12 13 14 16 16 17 17 18 18 9 9 19 10 10 10 10 10 10 10 10 10 10 10 10 10
MAIS ASE Alberts MSCI Latter M	19.355   643   75.627   644   75.627   645   75.627   645   645   75.627   645	0.2 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	320 322 356 90 91 92 92 92 93 93 93 94 94 94 94 94 95 96 96 97 97 97 97 97 97 97 97 97 97	2 6 13 3 0 1 4 2 7 3 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	27 53 10 17 11 12 12 15 17 8 8 6 6 15 17 18 19 10 10 10 10 10 10 10 10 10 10 10 10 10
MAGE ARMENS MAGE Latters MAGE L	19.355 643 75.127 643 75.127 643 75.127 643 75.127 643 75.127 643 75.127 643 75.127 643 75.127 643 75.127 643 75.127 643 75.127 65.127	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 0.4 0.5 0.4 0.5 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	320, 320, 320, 320, 320, 320, 320, 320,	2 6 6 13 3 0 0 4 2 2 7 3 0 0 1 1 1 2 2 2 2 4 1 1 1 2 2 2 2 4 1 1 1 2 2 2 2	27 10 17 11 12 15 16 16 16 18 19 10 10 10 10 10 10 10 10 10 10
MASE Actions MSC Lattam* MSC L	19.355 643 75.127 644 75.127 644 75.127 645 75.127 645 75.127 645 75.127 645 75.127 645 75.127 645 75.127 645 75.127 645 75.127 645 75.127 65.	0.2 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.4 0.5 0.4 0.5 0.5 0.5 0.6 0.4 0.1 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	320 322 335 309 492 493 493 494 494 494 494 494 495 495 496 497 498 498 498 498 498 498 498 498	2 6 13 3 0 1 4 2 7 7 3 0 1 1 1 1 2 2 2 2 4 4 1 1 2 2 2 2 4 4 1 1 2 2 2 2	27 53 10 17 11 12 15 16 6 6 35 35 31 11 12 36 35 31 11 12 36 35 31 11 12 36 46 41 41 41 41 41 41 41 41 41 41 41 41 41





Developed Markets				Month	Year
US (2-yr) US GER (2-yr)	1.17 2.38	2.0 5.1	-1.3 0.4	-5 -16	14 13
GER (2·yr) Germany	0.72	3.9	3.2	9 11	-36 -21
France Spain	0.83 1.45 1.96	4.1 5.9 4.9	5.7 3.7 9.8	12 9 15	-11 -27 42
Italy Portugal	3.84	-0.2	-13.2	8	129
Greece Japan (2-yr)	7.14 -0.23 0.06	3.2 -0.4 -0.8	24.2 1.6 -3.1	-6 -6	-101 -22 -21
Japan Emerging Markets		Daily	Weekly	-21 Monthly	
Brazil Chile	11.05 4.20	4.0 0.9	-21.6 1.0	-86 -18	-536 -45
Colombia Mexico	6.86 7.68	1.1 6.3	7.3 1.0	-36 43	-188 147
Peru Poland	6.18 3.63	0.9	-12.7 7.3	-22 22	-134 47
Russia Turkey	8.19 11.06	-0.7 12.0	-13.0 -54.0	-42 4	-133
India Indonesia	6.45 7.52	3.2	6.0	-6 -40	29 -127 -130
Country ris		es in bp)			
Developed Markets 10-yr sovereign spread vs Germany	level	Daily	Weekly	Monthly	Year
France	47 160	0.2 1.0	2.5 6.6	1 3	10 62
Portugal Spain	348 109	-4.1 2.0	-16.4 0.5	-3 -2	150 -6
2-yr sovereign spread vs Germany France	14	-1.8	3.0	-2	10
Italy	62	-2.7	0.0	-5	26
Portugal Spain	90 42	-2.4 -2.7	-3.2 -0.6	-14 -13	47 9
Emerging Markets 5-yr sovereign CDS *	level	Daily	Weekly	Monthly	Year
Brazil Chie	246 81	-2 0	-11 -2	-42 -5	-248 -50
Colombia	148	-2	-8	-13	-93
Mexico Peru	169 104	0	-9 -5	15 -3	-4 -83
Venezuela Poland	3,808 70	-17 0	51	-133 -8	-2351 -2
Russia Turkey	180 279	-2 -5	7 -3	-1	-124 5
China India	114	1 2	0	-5 -5	6 -28
Indonesia	151	0	-1	-11	-78
Volatilty indicators (%)	k indicators level	Daily	Weekly	Monthly	Year
VIX VSTOXX	12 15	4.7 -5.2	10 -5	-2	-8 -12
EM EFT volatility Index Dollar/euro volatility	18	-1.1 -4.8	-2 -13	-5 -17	-30 -13
EM FX volatility index	11	4.1	-4	-4	-6
Credit spread (BAA) (bps) US bonds volatility index	221 74	-5.1 -0.8	-1 2	-2 -2	-102 7
Banking 5 y CDS (bps) * US	level 73	Daily 0.4	Weekly 0	Monthly -1	Year -2
EZ UK	108	1.0	-2 -1	-9 -2	25 15
Large Spanish	118 156	0.6	-5 6	-2 -9 1	-19 -5
Medium Spanish Corporate 5y CDS (bps) *	level	Daily	Weekly	Monthly	Year
US Non-financial EZ Non-financial	153 99	0.4 1.0	0 -2	-1 -9	-2 25
UK Non-financial Interbank mar	123 kets (% cho	0.5 inges in by	0	-2	-71
	level	Daily	Weekly	Monthly	Year
EONIA Index Euribor 3 m	-0.35 -0.33	0.00	0.0	0.0	-0.1 -0.2
Euribor 12m Libor 3m	-0.10 1.02	0.00	0.0	0.0	-0.2 0.4
Libor 12m	1.70 56.9	0.00	0.0	0.0	0.5 11.5
EZ TED spread 3m		-3.50	-2.7	-5.3	
EZTED spread 3m	k markets (	-3.50 6)	-2.7	-5.3	11.5
Stoci Main indices	k markets (	(i) Daily	Weekly	Monthly	Year
Stock Main indices S&P500 Dow Jones	level 2,269 19,803	Daily 0.1 -0.1	Weekly -0.3 -0.8	Monthly 0	Year 13 15
Stock Main indices S&P500 Dow Jones Nikkel FTSE 100	level 2,269 19,803 18,894 7,248	Daily 0.1 -0.1 0.4 0.4	Weekly -0.3 -0.8 -2.4 -0.6	Monthly 0 0 -3 3	Year 13 15 2 19
Stock S&P500 Dow Jones Nikkel FTSE 100 EuroStoxx 50 IBEX	level 2,269 19,803 18,894 7,248 3,294 9,384	Daily 0.1 -0.1 0.4 0.4 0.3 -0.1	Weekly -0.3 -0.8 -2.4 -0.6 -0.4 -0.3	Monthly 0 0 -3	Year 13 15 2 19 4
Stock Main indices SAP500 Dow Jones Nikkel FTSE 100 EuroStoxx 50	level 2,269 19,803 18,894 7,248 3,294 9,384 11,599	0.1 -0.1 -0.4 -0.4 -0.3 -0.1	Weekly -0.3 -0.8 -2.4 -0.6 -0.4 -0.3 -0.4 -0.7	Monthly 0 0 -3 3 1	Year 13 15 2 19 4 1
Stock Main Indices SAP500 Dow Jones Niked FTSE 100 EuroStoxx 50 IBEX DAX CAC MIB	level 2,269 19,803 18,894 7,248 3,294 9,384 11,599 4,853 19,355	Daily 0.1 -0.1 0.4 0.4 0.3 -0.1 0.5 -0.1	Weekly -0.3 -0.8 -2.4 -0.6 -0.4 -0.3 -0.4 -0.7 -0.7	Monthly 0 0 -3 3 1 1 2 1 2	Year 13 15 2 19 4 1 13 7
Stock   Main indices	level 2,269 19,803 18,894 7,248 3,294 9,384 11,599 4,853 19,355 643 75,127	Daily 0.1 -0.1 0.4 0.4 0.3 -0.1 0.5 -0.1 0.3 0.2 0.7	Weekly -0.3 -0.8 -2.4 -0.6 -0.4 -0.3 -0.4 -0.7 -0.7 -0.7 -3.0 2.2	Monthly 0 0 -3 3 1 1 2 1 2 6	Year 13 15 2 19 4 1 1 13 7 -7 4 27
Stock   Stock	revel 2,269 19,803 18,894 7,248 3,294 9,384 11,599 4,853 19,355 643 75,127 64,680 46,340	Daily 0.1 -0.1 -0.1 -0.4 -0.3 -0.1 -0.5 -0.1 -0.3 -0.2 -0.7 -0.5 -0.7 -0.5 -0.7	Weekly -0.3 -0.8 -2.4 -0.6 -0.4 -0.3 -0.4 -0.7 -0.7 -3.0 2.2 3.6 0.9	Monthly 0 0 -3 3 1 1 1 2 1 2 2 6 13 3	Your 13 15 2 19 4 1 13 7 -7 4 27 53 10
Stock   Stock	level (1988) (19	Daily 0.1 -0.1 -0.4 -0.4 -0.3 -0.1 -0.5	Weekly -0.3 -0.8 -2.4 -0.6 -0.4 -0.3 -0.7 -0.7 -3.0 2.2 3.6 0.9 -0.9 -1.2	Monthly 0 0 -3 3 1 1 2 1 2 2 6 13 3 0 4	Year 13 15 2 19 4 1 13 7 -7 4 27 53 10 17
Main indices S&P500 Dow Jones Notes Notes F155: 100 Dow Jones Notes AC Dow Jones Notes AC Dow Jones Notes AC Dow Jones Notes AC Dow Jones MSG Latam* Ibovepa Blacio Modod ModO	level 2,269 19,803 18,894 7,248 3,294 9,384 11,599 4,853 19,355 643 75,127 64,680 46,340 4,950 2,006 2,170	Daily 0.1 -0.1 0.4 0.4 0.3 -0.1 0.5 -0.1 0.3 0.2 0.7 0.5 0.7 -0.3 -0.5 -0.4 0.5 -0.5 -0.4 0.5 -0.5 -0.4	Weekly -0.3 -0.8 -2.4 -0.6 -0.4 -0.3 -0.7 -0.7 -3.0 2.2 -3.6 0.9 -0.9 -1.2 -2.2 -6.6	Monthly 0 -3 3 1 1 2 1 2 2 6 13 3 0 4	Year 13 15 2 19 4 1 13 7 -7 4 27 53 10 17
Stock SAP500 Date Joine FES 100 EuroStock 50 BBX DAX CAR AS Alters MSCI Laten Horveps Bisson MSCI ME Largos Polification MSCI ME Largos MSCI ME	level 2,269 19,803 18,894 7,248 3,294 9,384 11,599 4,853 19,355 643 75,127 64,680 46,340 4,950 2,006 2,170 82,779 713	Daily 0.1 -0.1 -0.4 -0.4 -0.3 -0.1 -0.5 -0.1 -0.5 -0.7 -0.5 -0.7 -0.5 -0.4 -0.5 -0.4 -0.5 -0.4 -0.5 -0.4 -0.5 -0.4 -0.5 -0.4 -0.5 -0.4 -0.1 -0.5 -0.4 -0.5 -0.4 -0.5 -0.4 -0.5 -0.4 -0.1 -0.5 -0.4 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	Weekly -0.3 -0.8 -2.4 -0.6 -0.4 -0.3 -0.4 -0.7 -3.0 -2.2 -3.6 -0.9 -0.9 -1.2 -2.2 -6.6 -0.3	Monthly 0 0 -3 3 1 1 2 1 2 2 6 13 3 0 4 -2 7	Year 13 15 2 19 4 1 13 7 -7 4 27 53 10 17 11 25
Stock   Stock	level 2,269 19,803 18,894 7,248 3,294 9,384 11,599 4,853 19,355 643 75,127 64,680 46,340 4,950 2,006 2,170	Daily 0.1 -0.1 -0.1 -0.4 -0.3 -0.1 -0.3 -0.5 -0.7 -0.3 -0.5 -0.4 -0.5 -0.4 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	Weekly -0.3 -0.8 -2.4 -0.6 -0.4 -0.3 -0.7 -3.0 -2.2 -3.6 -0.9 -0.9 -1.2 -2.2 -6.6 -0.3 -0.8 -0.3	Montily 0 0 0 -3 3 1 1 1 2 1 2 2 6 6 13 3 0 4 -2 7 3 0 0 1	Year 13 15 2 19 4 1 13 7 -7 4 27 53 10 17 11 125 17 8
Stock Surprises Compared To the Compared To th	rest of the control o	Daily 0.1 -0.1 -0.1 -0.4 -0.3 -0.1 -0.3 -0.5 -0.5 -0.4 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	Weekly -0.3 -0.8 -2.4 -0.6 -0.4 -0.3 -0.7 -0.7 -3.0 2.2 3.6 0.9 -1.2 -2.2 6.6 0.3 -0.8 -0.3 -0.8 -0.3 -0.8 -0.3 -0.8 -0.3 -0.8 -0.3 -0.8 -0.3 -0.8	Monthly 0 0 -3 3 1 1 2 1 2 2 6 13 3 0 4 -2 7 3 0 1 Monthly -2	Year 13 15 2 19 4 1 13 7 -7 4 27 53 10 17 11 25 17 8 6 15 Year 25
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Stock  SAPPED  SAPPED  SAPPED  SAPPED  Lavision Cet  Exercises Sape  Lavis Sap	min(ct) © icvel   19,803   18,994   19,803   18,994   18,903   18,994   11,599   9,384   11,599   9,384   11,599   643   75,127   2,170   82,779   713   3,113	Daily 0.1 0.4 0.5 0.1 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	Workly 0-3   0-8   0-8   0-8   0-8   0-9   0-9   0-9   0-9   0-7   0-7   0-7   0-7   0-7   0-7   0-9   0-12   0-9   0-12   0-9	Monthly 0 0 -3 3 1 1 2 1 1 2 2 6 6 13 3 0 4 -2 7 3 0 1 Monthly -2 -1 -1 -2 0 -1 1 5 0 -1 1 2 -2 -2	Year 13 15 2 19 4 1 1 13 7 7 7 4 7 27 53 10 17 17 11 12 5 17 17 18 4 6 15 17 18 12 5 17 18 12 12 12 12 12 12 12 12 12 12 12 12 12
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Steel Scheduler	Number   N	O Daily   O 1   O 1   O 1   O 1   O 1   O 1   O 1   O 1   O 1   O 2   O 3   O 3   O 3   O 4   O 3   O 5   O 7   O 7   O 7   O 7   O 7   O 9   O 1   O 1   O 5   O 7   O 9   O	Weekly 0-3 -0.3 -0.4 -0.4 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	Mouthly 0 0 0 0 3 3 1 1 1 2 1 2 2 1 1 2 2 2 2 2 4 4 1 1 2 2 2 2	Year 13 13 13 13 13 13 13 13 13 13 13 13 13
Social Services  SAPSO  SAPSO  SAPSO  SAPSO  SAPSO  SAPSO  EuroStox, 50  BEX  DAX  MB  ASS, Alteris  BOX  DAX  MB  ASS, Alteris  BOYER, BERGE	Number   N	O Daily 1	Weekly 20-30-30-30-30-30-30-30-30-30-30-30-30-30	Morelly 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Years 115 12 12 14 1 11 12 15 12 17 17 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18
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Debt markets Developed Markets	level	anges in b	Week	Month	Year
US (2-yr) US	1.17 2.38	2.0 5.1	-1.3 0.4	-5 -16	14 13 -36
GER (2-yr) Germany	0.72 0.36	1.6 3.9	0.1 3.2 5.7	9 11	-36 -21 -11
France Spain Italy	0.83 1.45 1.96	4.1 5.9 4.9	3.7 9.8	12 9 15	-11 -27 42
Portugal Greece	3.84 7.14 -0.23	-0.2 3.2	-13.2 24.2	-6	129
Japan (2-yr) Japan Emerging Markets	-0.23 0.06	-0.4 -0.8 Daily	1.6 -3.1	-6 -21	-22 -21 Year
Brazil Chile	11.05 4.20	4.0 0.9	-21.6 1.0	Monthly -86 -18	-536 -45
Colombia Mexico	6.86 7.68	1.1	7.3	-36 43	-188 147
Peru Poland	6.18 3.63	0.9	-12.7 7.3 -13.0	-22 22	-134 47 -133
Russia Turkey	8.19 11.06	-0.7 12.0	-54.0	-42 -4	-133 29
India Indonesia	6.45 7.52 sk (bp, chang	-0.1 res in bp)	6.0 -22.7	-6 -40	29 -127 -130
Developed Markets  10-yr so vereign spread vs Germany	level	Daily	Weekly	Monthly	Year
France Italy	47 160	0.2 1.0	2.5 6.6	1 3	10 62
Portugal Spain	348 109	-4.1 2.0	-16.4 0.5	-3 -2	150 -6
2-yr sovereign spread vs Germany France	14	-1.8	3.0	-2	10
Italy Portugal	62 90	-2.7	0.0	-5 -14	26 47
Spain Emerging Markets	42 level	-2.7 Daily	-0.6 Weekly	-13 Monthly	9 Year
5-yr sovereign CDS * Brazil	246	-2	-11	-42	-248
Chile Colombia	81 148	0 -2	-2 -8	-5 -13	-50 -93
Mexico Peru	169 104	0	-9 -5	15 -3	-4 -83
Venezuela Poland	3,808 70	-17 0	51 1	-133 -8	-2351 -2
Russia Turkey	180 279	-2 -5	7 -3	-1	-124 5
China India	114 122	1 2	0 -1	-5 -5	-28
Indonesia Ris	151 k indicator	0	-4	-11	-78
Volatilty indicators (%) VIX	level 12	Daily 4.7	Weekly 10	Monthly 6	Year -8
VST OXX EM EFT volatility Index	15 18	-5.2 -1.1	-5 -2	-2 -5	-12 -30
Dollar/euro volatility EM FX volatility index	9 11	-4.8 -1.1	-13 -4	-17 -4	-13 -6
Credit spread (BAA) (bps) US bonds volatility index	221 74	-5.1 -0.8	-1 2	-2 -2	-102 7
US	level 73	Daily 0.4	Weekly 0	Monthly -1	Year -2
EZ UK	108 92	1.0 -0.4	-2 -1	-9 -2	25 15
Large Spanish Medium Spanish	118 156	0.6 -0.2	-5 6	-9 1	-19 -5
Corporate 5y CDS (bps) * US Non-financial	level 153	Daily 0.4	Weekly 0	Monthly -1	Year -2
EZ Non-financial UK Non-financial	99 123	1.0 0.5	-2 0	-9 -2	25 -71
Interbank ma	level	inges in by Daily	Weekly	Monthly	Year
EONIA Index Euribor 3 m	-0.35 -0.33	0.00	0.0	0.0	-0.1 -0.2
Euribor 12m Libor 3m	-0.10 1.02	0.00	0.0	0.0	-0.2 0.4
Libor 12m EZ TED spread 3m	1.70 56.9	0.00 -3.50	0.0 -2.7	0.0 -5.3	0.5 11.5
Stoc	k markets (				
Stoc Main indices S&P500	level 2,269	Daily 0.1	Weekly -0.3	Monthly 0	Year 13
Stoc Main indices S&P500 Dow Jones Nilkel	2,269 19,803 18,894	0.1 -0.1 0.4	-0.3 -0.8 -2.4	0 -3	13 15 2
Stoc Main indices S&P500 Dow Jones Nikkel FTSE 100 EuroStoxx 50	2,269 19,803 18,894 7,248 3,294	0.1 -0.1 0.4 0.4 0.3	-0.3 -0.8 -2.4 -0.6 -0.4	0 -3 3 1	13 15 2 19 4
Stock Main Indices SAP900 Dow Jones Nikkel FTSE 100 EuroStoxx 50 IBEX DAX	2,269 19,803 18,894 7,248 3,294 9,384 11,599	Daily 0.1 -0.1 0.4 0.4 0.3 -0.1	-0.3 -0.8 -2.4 -0.6 -0.4 -0.3 -0.4	0 0 -3 3 1 1 2	13 15 2 19 4 1
Stoc	10vel 2,269 19,803 18,894 7,248 3,294 9,384 11,599 4,853 19,355	Daily 0.1 -0.1 0.4 0.4 0.3 -0.1 0.5 -0.1	-0.3 -0.8 -2.4 -0.6 -0.4 -0.3 -0.4 -0.7 -0.7	0 0 -3 3 1 1 2 1 2	13 15 2 19 4 1 1 13 7
Stockes S&P500 Dow Jones Nikler FTSE 100 EuroStox 50 IBEX DAX CAC MIB ASE Afters MSCI Latam*	10vel 2,269 19,803 18,894 7,248 3,294 9,384 11,599 4,853 19,355 643 75,127	Daily 0.1 -0.1 0.4 0.3 -0.1 0.5 -0.1 0.3 0.2	-0.3 -0.8 -2.4 -0.6 -0.4 -0.3 -0.4 -0.7 -0.7 -3.0 2.2	0 -3 3 1 1 2 1 2 2 6	13 15 2 19 4 1 13 7 -7 4 27
Stoc	10vel 2,269 19,803 18,894 7,248 3,294 9,384 11,599 4,853 19,355 643	0.1 -0.1 0.4 0.4 0.3 -0.1 0.5 -0.1 0.3 0.2 0.7 0.5	-0.3 -0.8 -2.4 -0.6 -0.4 -0.3 -0.4 -0.7 -3.0 -2.2 -3.6 -0.9	0 -3 3 1 1 2 1 2	13 15 2 19 4 1 13 7 -7
Stock State of State	1,248 19,803 18,894 7,248 3,294 11,599 4,853 19,355 643 75,127 64,680 46,340 4,950 2,006	0.1 -0.1 -0.4 -0.3 -0.1 -0.5 -0.1 -0.3 -0.2 -0.7	-0.3 -0.8 -2.4 -0.6 -0.4 -0.3 -0.4 -0.7 -0.7 -3.0 2.2 3.6	0 0 -3 3 1 1 2 1 2 2 6 13 3	13 15 2 19 4 1 13 7 -7 4 27 53
Stock	2,269 19,803 18,894 7,248 3,294 9,384 11,599 4,853 19,355 643 75,127 64,680 46,340 4,950 2,006 2,170 82,779 713	Daily 0.1 -0.1 0.4 0.3 -0.1 0.5 -0.1 0.3 0.2 0.7 0.5 0.7 0.7 0.7 0.0 0.7 0.4 0.3	-0.3 -0.8 -2.4 -0.6 -0.4 -0.3 -0.4 -0.7 -0.7 -3.0 -2.2 -3.6 -0.9 -0.9 -1.2 -2.2 -6.6 -6.3	0 0 -3 3 1 1 2 1 2 2 6 13 3 0 4 -2 7 3	13 15 2 19 4 1 1 13 7 -7 4 27 53 10 17 11 25 17 8
Main indexes SAP500 Dow Jones Nated 100 EuroState 100 Euro	2,269 19,803 18,894 7,248 3,294 9,384 11,599 4,853 643 75,127 64,680 46,340 4,950 2,006 2,170 82,779	Daily 0.1 -0.1 0.4 0.4 0.3 -0.1 0.5 -0.1 0.3 0.2 0.7 0.5 0.7 0.5 0.7	-0.3 -0.8 -2.4 -0.6 -0.4 -0.3 -0.4 -0.7 -0.7 -3.0 -2.2 -3.6 -0.9 -0.9 -0.9 -1.2 -2.2 -6.6	0 0 -3 3 1 1 2 1 2 2 6 13 3 0 4 -2 7 3 0	13 15 2 19 4 1 1 13 7 -7 4 27 53 10 17 11 25
Stoc  SaP500 Dow Johns FISE 100 EuroStock 50 BBX DAX DAX CAC AMA MAC AMA MAC MAC MAC MAC MAC MAC	1,269 19,803 18,894 7,248 3,294 4,853 19,355 643 75,127 64,680 46,340 4,950 2,006 2,170 82,779 713 3,113 5,295 level	Daily 0.1 -0.1 0.4 0.3 -0.1 0.3 -0.1 0.3 0.2 0.7 0.5 0.7 -0.3 -0.5 -0.4 0.5 -0.1 0.5 -0.1 0.5 -0.1 0.5 -0.1 0.5 -0.1 0.5 -0.1 0.5 -0.1 0.5 -0.1 0.5 -0.1 -0.5 -0.1 -0.5 -0.1 -0.5 -0.1 -0.5	-0.3 -0.8 -2.4 -0.6 -0.4 -0.3 -0.4 -0.7 -3.0 -2.2 -3.6 -0.9 -0.9 -1.2 -2.2 -6.6 -0.3 -0.8	0 0 -3 3 1 1 2 2 2 6 13 3 0 4 -2 7 3	13 15 2 19 4 1 1 13 7 -7 4 27 53 10 17 11 25 17
Stock Main Indices SAPPO0 Dow Joines FEST 100 EuroStox 50 BEX X DAX CAC MIB BEX X DAX DAX DAX DAX DAX DAX DAX DAX DAX DA	2,269 19,803 18,894 7,248 3,294 9,384 11,599 4,859 19,355 643 75,127 64,680 46,340 4,950 2,006 2,170 82,779 713 3,113 5,295 level 115,4 83,4	0.1	-0.3 -0.8 -2.4 -0.6 -0.4 -0.3 -0.4 -0.7 -0.7 -0.7 -3.0 -2.2 -3.6 -0.9 -0.9 -1.2 -6.6 -0.3 -0.8 -0.8 -0.3 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8	0 0 -3 3 1 1 2 1 2 2 6 6 13 3 0 4 -2 7 3 0 1 1 	13 15 2 19 4 1 13 7 -7 4 27 53 10 17 11 25 17 8 -6 15 Year 25 31 12
Stoc  Scheduler	18.894 7.248 3.294 7.248 3.294 11.599 4.853 19.355 643 75.127 64.680 46.340 4.950 2.006 2.170 82.779 713 3.113 5.295 level 115.4 83.4 57.5 22.4 42.6	Daily 0.1 -0.1 -0.4 -0.4 -0.5 -0.1 -0.5 -0.3 -0.5 -0.7 -0.5 -0.4 -0.5 -0.4 -0.5 -0.4 -0.5 -0.4 -0.5 -0.4 -0.5 -0.1 -0.5 -0.1 -0.5 -0.1 -0.5 -0.1 -0.5 -0.3 -0.5 -0.3 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	-0.3 -0.8 -2.4 -0.6 -0.4 -0.7 -3.0 -0.7 -3.0 -2.2 -3.6 -0.9 -1.2 -2.2 -6.6 -6.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0	0 0 -3 3 1 1 2 1 2 2 6 13 3 0 4 -2 7 3 0 1 1 1 2 2 6 1 3 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	13 15 2 19 4 1 13 7 -7 4 27 53 10 17 11 15 25 17 8 -6 15 Year 25 31 12 36 35
Sloc  Links indices  SAPP00  Dove Jones  Nider  FTSE 100  EuroStox 50  BSX X  DAX  DAX  DAX  DAX  MSG Interes  Boverage Black  MSG Laten  Boverage Black  MSG Laten  Boverage Black  Boverage Black  MSG Laten  Boverage Black  Boverage Black	18.894 7.248 3.294 7.248 3.294 11.599 4.853 19.355 643 75.127 64.680 46.340 4,950 2.006 2.170 82.779 31.13 5.295 level 115.4 83.4 42.6 233.8	Daily 0.1 -0.1 -0.1 -0.4 -0.4 -0.4 -0.1 -0.5 -0.5 -0.4 -0.5 -0.5 -0.4 -0.5 -0.5 -0.1 -1.6 -1.4 -1.6 -0.7 -0.7 -0.0 -0.1 -1.6 -1.6 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7	-0.3 -0.8 -2.4 -0.6 -0.4 -0.3 -0.4 -0.7 -3.0 -0.7 -3.6 -0.9 -1.2 -2.2 -2.2 -6.6 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3	0 0 3 3 1 1 1 2 2 2 6 1 3 3 0 4 4 2 7 7 3 0 0 1 Morthly 2 2 2 4 4 1 1 2 0 0 0	13 15 2 19 4 1 13 7 -7 4 27 53 10 17 11 25 17 8 -6 15 Year 25 31 12 36 35 32 -4
Slock  14:35-ind-ces  54:6P-90  14:35-ind-ces  54:6P-90  18:6P-90	1875   18	Daily 0.1 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1	0.3 -0.4 -0.6 -0.6 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.9 -1.2 -0.6 -0.8 -0.3 -0.4 -0.6 -0.8 -0.3 -0.4 -0.6 -0.7 -0.7 -0.7 -0.9 -1.2 -0.6 -0.8 -0.8 -0.9 -	0 0 3 3 1 1 1 1 2 2 6 6 13 3 0 4 4 2 7 7 3 0 0 1 1 1 1 2 2 2 4 4 1 1 1 2 2 2 0 0 1 5 5	13 15 2 19 4 1 1 13 7 7 -7 4 4 27 53 10 17 11 25 17 8 6 6 15 15 12 27 27 27 27 27 27 27 27 27 27 27 27 27
Stock SAF500 SAF	18.894 7.248 3.294 9.384 11,599 4.853 75,127 64,680 4.950 2.006 2.170 82,779 713 3.113 5.295 level 115,4 83,4 83,4 83,4 83,4 83,4 83,4 83,4 83	Daily 0.1	0.3 2.4 0.6 0.4 0.7 0.7 0.7 0.7 0.7 2.2 2.3 0.8 0.9 0.9 1.2 2.2 2.6 6.6 0.3 0.8 0.8 0.3 0.8 0.3 0.8 0.3 0.8 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	0 0 3 3 1 1 1 2 2 6 6 13 3 3 0 4 4 2 7 3 3 0 1 1 Monthly -1 -2 2 2 2 4 -1 1 -1 -2 0 0 1 1 5 5 0 -1 -1 -1 5 5 0 -1 -1 -1 5 5 0 -1 -1 -1 5 5 0 0 -1 -1 -1 5 5 0 -1 -1 -1 5 5 0 0 -1 -1 -1 5 5 0 0 -1 -1 -1 5 5 0 -1 -1 5 5 0 -1 -1 5 5 0 -1 -1 5 5 0 -1 -1 5 5 0 -1 -1 5 5 0 -1 -1 5 5 0 -1 -1 5 5 0 -1 5 5 0 -1 5 5 5 0 -1 5 5 5 0 -1 5 5 5 0 -1 5 5 5 0 -1 5 5 5 0 -1 5 5 5 0 -1 5 5 5 0 -1 5 5 5 0 -1 5 5 5 0 -1 5 5 5 5 0 -1 5 5 5 5 5 5 0 -1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	13 15 2 19 4 1 13 7 7 7 4 27 53 10 17 11 25 17 8 6 15 17 21 36 35 31 12 36 35 31 17 16 18
Stock	2,269 11,890 11,890 11,890 12,246 11,599 9,384 11,599 9,384 11,599 9,384 11,599 11,512 12,006 21,707 13,113 15,295 115,4	Daily 0.1 1-	0.3 0.8 0.4 0.6 0.4 0.7 0.7 0.7 0.7 0.7 0.7 2.2 2.2 2.2 2.2 2.3 6.6 6.6 6.0 3.3 7 4.2 4.2 4.2 4.3 1.1 1.5 1.5 1.5 1.5 1.5 1.5 1.5	0 0 3 3 1 1 1 2 2 1 1 2 2 6 6 1 3 3 0 0 4 2 7 7 3 0 0 1 1 1 1 1 2 2 2 4 4 1 1 1 2 2 0 0 1 1 5 0 0 1 1 1 5 0 0 1 1 1 2 2 2 1 1 1 1 2 2 2 2 4 1 1 1 2 2 2 2	13 15 2 19 4 1 1 13 7 -7 4 27 4 27 10 17 8 -6 15 15 Year 23 31 10 11 12 36 35 31 11 12 36 35 31 11 11 12 13 10 11 11 11 11 11 11 11 11 11 11 11 11
Sloc  SLPSIN Indicate  SAPPED  Down Jones  SAPPED  Down Jones  Nider  FTSE 100  EuroStoux 50  BSX  CAC  CAC  CAC  CAC  MSG Latura  BOYCERS BERDE  MSG LATURA  MSG LATURA  BOYCERS BERDE  MSG LATURA  M	2,769 18,894 11,599 9,384 11,599 9,384 11,599 9,384 11,599 643 75,127 643 46,340 46,340 46,340 46,340 46,340 46,340 11,549 11,54	Daily 0.1 0.5 0.3 0.2 0.7 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.7 0.7 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.3 0.8 0.4 0.6 0.4 0.7 0.7 0.7 0.7 0.9 1.2 2.2 2.2 2.2 2.2 2.3 1.3 1.5 4.9 1.15 2.8 2.5 2.8 2.8 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9	0 0 3 3 1 1 1 2 2 1 2 2 6 1 3 3 0 0 4 2 7 7 3 0 0 1 1 1 2 2 2 4 4 1 1 2 2 0 0 1 1 5 0 0 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	13 15 2 19 4 1 1 13 7 7 4 4 27 7 10 12 5 3 10 17 11 17 8 6 6 15 15 25 31 12 25 32 4 4 11 12 15 16 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18
Stock  SEPSIO  Down Jones  SEPSIO  Down Jones  Nikler  FTSE 100  EuroStoux 50  IBOX  CAC  CAC  CAC  CAC  CAC  CAC  MSC Latinum  MSC Lat	2,769 18,894 11,599 9,384 11,599 9,384 11,599 9,384 11,599 643 46,340 46,340 46,340 46,340 46,340 46,340 46,340 11,512 11	Daily 0.1 1.1 1.0 1.1 1.1 1.0 1.1 1.1 1.0 1.1 1.1	0.3 0.8 2.4 0.6 0.6 0.0 0.7 0.7 0.0 0.7 0.9 0.9 1.2 2.2 6.5 0.3 0.8 0.3 0.8 0.3 0.8 0.9 1.2 2.2 4.2 4.2 4.2 4.2 4.2 4.2 4	0 0 3 3 1 1 1 2 2 1 2 2 6 6 3 3 0 0 4 4 2 7 7 3 0 0 1 1 4 2 2 0 0 1 1 1 2 2 2 3 3 2 2 2 3 3 2 2	13 15 2 19 4 1 1 13 7 -7 4 27 4 27 10 17 8 -6 15 Year 25 31 12 36 35 32 4 17 16 -18 9 19 10 10 10 11 10 11 11 11 11 11 11 11 11
Sloce  SLOPE SINCE  SLOPE SINCE	1 2,289 19,803 17,244 9,384 11,599 4,853 643 19,355 643 19,355 643 2,179 7,5127 64,680 2,179 7,712 11,544 11,549 12,54	Daily 0.1 0.4 0.4 0.5 0.5 0.7 0.5 0.7 0.5 0.4 0.1 1.1 1.0 0.8 0.1 1.1 1.1 0.8 0.7 0.1 1.4 1.1 0.8 0.7 0.7 0.5 0.7 0.5 0.1 1.4 1.5 0.7 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	0.3 0.8 0.4 0.6 0.4 0.7 0.0 0.7 0.0 0.7 0.0 0.9 1.2 2.2 6.6 0.3 0.8 0.3 0.8 0.3 0.8 0.9 1.2 2.2 4.2 4.2 4.2 4.2 4.2 4.2 4	0 0 3 3 1 1 2 1 1 2 2 2 6 6 13 3 0 4 4 2 7 7 3 0 0 1 1 1 1 1 2 2 2 4 4 1 1 1 1 2 2 2 3 3 2 2 2 2 4 4 4 1 1 1 1 2 2 2 2 3 3 2 2 2 2 4 4 4 4 1 1 1 1 1 1 1 1 1 1 1 1	13 15 2 19 4 1 13 7 7 -7 4 27 53 10 17 12 5 15 17 8 6 6 15 3 12 25 31 12 25 31 12 31 12 14 15 16 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18
Stock  SLPS SIGNATURE  SLPS SI	2,289 19,803 2,289 19,803 2,294 4,853 4,853 643 75,120 2,006 64,680 2,006 64,680 2,006 64,680 2,006 64,680 2,006 64,680 2,006 64,680 115,480 1	Daily 0.1 0.4 0.3 0.5 0.7 0.5 0.4 0.1 1.6 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	0.3 2.4 0.6 0.6 0.6 0.7 0.7 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0 0 3 3 1 1 2 2 1 2 2 6 6 13 3 0 4 2 2 7 3 3 0 1 1 4 2 2 4 4 1 1 4 2 2 0 1 1 5 5 0 1 1 1 1 2 2 2 2 3 3 2 2 2 2 2	13 15 2 19 4 1 1 3 7 7 7 4 4 1 27 53 10 10 17 11 17 11 17 18 8 6 6 15 15 15 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18
Sloce  SLOPE SINCE  SLOPE SINCE	1 2,289 19,803 17,244 9,384 11,599 4,853 643 19,355 643 19,355 643 2,179 7,5127 64,680 2,179 7,712 11,544 11,549 12,54	Daily 0.1 0.4 0.3 0.5 0.5 0.4 0.1 0.5 0.4 0.1 1.6 0.8 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.1 1.8 0.5 0.7 0.7 0.7 0.4 0.2 0.7 0.7 0.7 0.4 0.2 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0.3 0.4 0.6 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0 0 3 3 1 1 2 2 2 6 13 3 0 4 2 7 7 3 0 0 1 1 1 2 2 2 0 1 1 1 1 2 2 2 2 4 1 1 1 2 2 0 1 1 1 2 2 2 2 2 4 1 1 1 1 2 2 2 3 3 2 2 2 2 4 1 1 3 3 3 2 2 2 2 4 1 1 3 3 3 2 2 2 2 4 1 1 3 3 3 2 2 2 2 4 1 1 3 3 3 2 2 2 2 4 1 1 3 3 3 2 2 2 2 4 1 1 3 3 3 2 2 2 2 4 1 1 3 3 3 2 2 2 2 4 1 1 3 3 3 2 2 2 2 4 1 1 3 3 3 2 2 2 2 2 4 1 1 3 3 3 2 2 2 2 2 4 1 1 3 3 3 2 2 2 2 2 4 1 1 3 3 3 2 3 2 3 2 3 3 3 3 3 3 3 3 3 3	13 15 2 19 4 4 1 13 7 7 7 4 27 27 53 10 17 17 18 6 6 15 12 25 31 12 32 31 12 4 12 13 13 14 14 15 16 16 16 16 16 16 16 16 16 16 16 16 16
Sloce  SAPPRO SA	2.759 19.003 19.003 2.249 9.384 4.953 2.004 4.950 2.006 6.2779 115.4 4.950 2.006 6.2779 115.4 4.950 2.006 6.2779 115.4 4.950 2.006 6.2779 115.4 4.950 2.006 6.2779 115.4 4.950 2.006 6.2779 115.4 4.950 2.006 6.2779 1.006 1.0	Daily 0.1 0.5 0.5 0.4 1.6 1.8 0.5 0.1 0.5 0.1 1.6 1.1 0.8 0.5 0.1 1.6 0.1 1.6 0.1 1.6 0.1 1.6 0.1 1.6 0.1 1.6 0.1 1.6 0.1 1.6 0.1 1.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0	0.3 0.4 0.6 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.9 1.2 2.6 6.6 0.3 0.8 0.9 1.2 2.5 1.1 1.5 1.5 1.7 2.5 1.7 1.7 2.6 1.7 1.7 2.7 2.8 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	0 0 3 3 1 1 1 2 2 5 6 1 3 3 3 0 4 4 2 7 7 3 0 0 1 1 1 1 2 2 2 4 4 1 1 1 2 2 2 4 4 1 1 3 3 2 2 2 4 4 1 1 3 3 5 5 1 1 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	13 15 2 19 4 1 1 13 7 7 7 4 27 53 10 17 11 12 55 31 12 55 31 12 55 31 12 55 4 17 18 19 19 19 19 19 19 19 19 19 19 19 19 19
Slock SAPSIO SAP	19,003 19,003 19,003 19,003 19,003 11,009 14,003 11,009 14,003 11,009 11	Daily 0.1 0.5 0.5 0.4 1.4 1.4 1.0 1.8 0.5 0.1 1.6 0.5 0.1 1.6 0.5 0.1 1.6 0.5 0.1 1.6 0.5 0.1 1.6 0.5 0.1 1.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0	0.3 0.4 0.6 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	0 0 3 3 1 1 2 1 2 2 5 6 13 3 0 0 4 2 7 7 3 3 0 1 1 Monthly -2 2 4 4 1 1 1 2 2 2 2 4 4 1 1 1 2 2 2 2	13 15 2 19 4 1 13 7 7 7 4 27 10 17 11 12 5 17 18 -6 18 9 19 19 19 19 19 19 19 19 19 19 19 19 1
Slock SAPSIO SAP	19,003 19	Daily 0.1 0.4 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0-3	0 0 3 3 1 1 2 1 2 2 6 3 3 0 4 2 2 7 7 3 3 0 0 4 1 1 1 1 2 2 2 4 4 1 1 1 1 2 2 2 2 4 4 1 1 3 3 5 5 1 1 2 2 4 4 4 2 2 2 2 4 4 4 4 2 2 2 2 4 4 4 4 2 2 2 2 4 4 4 4 2 2 2 2 4 4 4 4 2 2 2 2 4 4 4 4 2 2 2 2 4 4 4 4 4 2 2 2 2 4 4 4 4 4 2 2 2 2 4 4 4 4 4 2 2 2 2 4 4 4 4 4 2 2 2 2 4 4 4 4 4 2 2 2 2 4 4 4 4 4 2 2 2 2 4 4 4 4 4 4 2 2 2 2 4 4 4 4 4 2 2 2 2 4 4 4 4 4 2 2 2 2 4 4 4 4 4 2 2 2 2 4 4 4 4 4 2 2 2 2 4 4 4 4 4 2 2 2 2 4 4 4 4 4 2 2 2 2 4 4 4 4 4 2 2 2 2 4 4 4 4 4 2 2 2 2 4 4 4 4 4 2 2 2 2 4 4 4 4 4 2 2 2 2 4 4 4 4 4 2 2 2 2 4 4 4 4 4 2 2 2 2 4 4 4 4 4 2 2 2 2 2 4 4 4 4 4 2 2 2 2 2 4 4 4 4 4 2 2 2 2 2 4 4 4 4 4 2 2 2 2 2 4 4 4 4 4 2 2 2 2 2 4 4 4 4 4 2 2 2 2 2 4 4 4 4 4 2 2 2 2 2 4 4 4 4 4 4 2 2 2 2 2 4 4 4 4 4 4 2 2 2 2 2 4 4 4 4 4 2 2 2 2 2 4 4 4 4 4 4 2 2 2 2 2 4 4 4 4 4 4 2 2 2 2 2 4 4 4 4 4 4 2 2 2 2 2 4 4 4 4 4 2 2 2 2 2 4 4 4 4 4 4 2 2 2 2 2 4 4 4 4 4 4 2 2 2 2 2 4 4 4 4 4 4 2 2 2 2 2 4 4 4 4 4 4 2 2 2 2 2 4 4 4 4 4 4 2 2 2 2 2 4 4 4 4 4 4 2 2 2 2 2 4 4 4 4 4 4 2 2 2 2 2 4 4 4 4 4 2 2 2 2 2 4 4 4 4 4 2 2 2 2 2 4 4 4 4 4 2 2 2 2 2 4 4 4 4 4 2 2 2 2 2 4 4 4 4 4 4 2 2 2 2 2 2 4 4 4 4 4 4 2 2 2 2 2 4 4 4 4 4 4 2 2 2 2 2 4 4 4 4 4 2 2 2 2 2 4 4 4 4 4 4 2 2 2 2 2 2 4 4 4 4 4 4 2 2 2 2 2 2 4 4 4 4 4 4 2 2 2 2 2 2 2 2 4 4 4 4 4 4 4 2 2 2 2 2 2 2 2 4 4 4 4 4 4 4 2 2 2 2 2 2 2 2 2 4	13 15 2 19 4 1 13 37 7 7 4 27 11 12 53 10 17 11 15 15 17 11 15 16 11 18 18 19 10 10 10 11 13 10 10 11 11 11 11 11 11 11 11 11 11 11
Society States S	19.803 19.803 19.803 19.803 19.304 19.305 19	Daily 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	0-3 0-8 0-8 0-9 0-9 0-9 0-9 0-9 0-9 0-9 0-9 0-9 0-9	0 0 3 3 1 1 2 2 1 2 6 3 3 0 4 2 2 7 7 3 3 0 0 1 1 1 2 2 2 4 4 1 1 1 2 2 2 2 4 4 1 1 3 3 2 2 2 4 4 1 1 3 5 5 1 1 2 2 4 4 4 2 2 2 2 4 4 4 2 2 2 2 4 4 4 2 2 2 2 4 4 4 4 2 2 2 2 4 4 4 4 2 2 2 2 4 4 4 4 2 2 2 2 4 4 4 4 2 2 2 2 4 4 4 4 2 2 2 2 4 4 4 4 2 2 2 2 4 4 4 4 2 2 2 2 4 4 4 4 2 2 2 2 4 4 4 4 2 2 2 2 4 4 4 4 2 2 2 2 4 4 4 4 2 2 2 2 4 4 4 4 2 2 2 2 4 4 4 4 2 2 2 2 4 4 4 4 2 2 2 2 2 4 4 4 4 2 2 2 2 4 4 4 4 2 2 2 2 4 4 4 4 2 2 2 2 4 4 4 4 2 2 2 2 4 4 4 4 2 2 2 2 4 4 4 4 2 2 2 2 4 4 4 4 2 2 2 2 4 4 4 4 2 2 2 2 4 4 4 4 2 2 2 2 4 4 4 4 2 2 2 2 4 4 4 4 2 2 2 2 4 4 4 4 2 2 2 2 4 4 4 4 2 2 2 2 4 4 4 4 2 2 2 2 4 4 4 4 4 2 2 2 2 4 4 4 4 4 2 2 2 2 4 4 4 4 4 2 2 2 2 4 4 4 4 4 2 2 2 2 4 4 4 4 4 4 4 2 2 2 2 4 4 4 4 4 2 2 2 2 4 4 4 4 4 2 2 2 2 4 4 4 4 4 2 2 2 2 4 4 4 4 4 2 2 2 2 4 4 4 4 4 2 2 2 2 4 4 4 4 4 2 2 2 2 4 4 4 4 4 2 2 2 2 4 4 4 4 4 2 2 2 2 4 4 4 4 4 2 2 2 2 4 4 4 4 4 2 2 2 2 4 4 4 4 4 2 2 2 2 4 4 4 4 4 2 2 2 2 4 4 4 4 4 2 2 2 2 4 4 4 4 4 4 2 2 2 2 4 4 4 4 4 2 2 2 2 4 4 4 4 4 2 2 2 2 4 4 4 4 4 2 2 2 2 4 4 4 4 4 2 2 2 2 4 4 4 4 4 2 2 2 2 4 4 4 4 4 2 2 2 2 4 4 4 4 4 4 2 2 2 2 4 4 4 4 4 2 2 2 2 4 4 4 4 4 4 2 2 2 2 4 4 4 4 4 2 2 2 2 4 4 4 4 4 4 2 2 2 2 4 4 4 4 4 2 2 2 2 4 4 4 4 4 4 2 2 2 2 4	13 15 2 19 4 1 13 7 7 7 7 7 17 12 5 3 10 17 8 6 15 15 17 8 6 15 16 18 18 18 18 18 8  Year 1 16 15 15 15 7 16 18 18 18 18 18 18 18 18 18 18 18 18 18
Store  SEPSIO  Down Jones  SEPSIO  Down Jones  Nisker  FTSE 100  EuroStoux S0  ISSX  CAC  CAC  CAC  CAC  CAC  CAC  CAC	19,003 19,003 19,003 19,003 19,003 19,003 19,003 19,005 19,000 19	Daily 0.1 0.1 0.1 0.1 0.4 0.4 0.4 0.3 0.0 0.1 0.5 0.0 0.1 0.5 0.6 0.6 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0-3   0-3   0-3   0-3   0-3   0-3   0-3   0-5	0 0 3 3 1 1 2 2 6 13 3 9 4 4 2 7 7 3 1 1 1 Morethy 2 2 4 4 1 1 1 1 1 2 2 9 9 1 1 1 1 2 2 2 2 2 4 4 1 3 3 5 1 4 2 2 2 2 4 4 4 2 2 2 2 4 4 4 2 2 2 2	13 15 2 19 4 1 13 7 7 7 7 17 17 18 6 15 17 8 6 15 17 18 18 18 18 18 18 18 18 18 18 18 18 18
Stock  SLAPS Indicates  SLAPS DO  Down Jones  Nikes  FIFSE 100  EuroStoux 50  BISC  EUROST  BISC  CAC  CAC  MIN	19,003 19,003 19,003 19,003 19,003 19,005 19,003 19,005 19	Daily 0.1 1	0.3 0.8 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0 0 3 3 1 1 1 2 1 2 2 6 1 3 3 0 1 1 1 2 2 2 2 1 1 2 2 2 2 1 1 1 2 2 2 2 4 1 1 1 2 2 2 2	13 15 2 19 4 11 17 7 7 4 27 53 10 17 17 11 15 17 18 16 15 19 10 17 11 11 11 11 11 11 11 11 11 11 11 11
Stock  SAPSDO  SAPSDO  Down Jones  SAPSDO  Down Jones  Nider  FTSE 100  EuroStox 50  BBSX  CAC  CAC  CAC  CAC  CAC  CAC  CAC  C	19.803 19.805 19	Daily   Dail	0-3 0-8 0-8 0-8 0-8 0-8 0-8 0-8 0-8 0-8 0-8	0 0 3 3 1 1 2 2 2 1 2 2 6 1 3 3 0 1 1 4 2 2 2 2 4 4 1 1 1 2 2 2 2 4 4 1 1 1 2 2 2 2	13 15 2 19 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Sloce  Sappage	19.00   19.0	Daily 10-16 (1-16) (1-1	0-3   0-3   0-3   0-3   0-3   0-3   0-3   0-4   0-7	0 0 3 3 1 1 1 1 2 1 1 2 2 2 6 1 3 3 0 1 1 1 1 2 2 2 7 7 3 8 0 1 1 1 1 2 2 2 2 4 4 1 1 1 2 2 2 2 2 4 1 1 1 2 2 2 2	13 15 2 19 4 1 17 17 17 17 17 17 17 17 17 17 17 17 1
Slock SAPPSO SAP	19,003 19,003 19,003 19,003 19,003 19,005 19,003 19,005 19	Doubly   D	0-3   0-3   0-3   0-3   0-3   0-3   0-3   0-3   0-3   0-3   0-5	0 0 3 3 1 1 1 1 2 1 1 2 2 2 6 1 3 3 0 0 1 1 1 1 2 2 2 7 7 3 3 0 0 1 1 1 1 2 2 2 2 1 4 1 1 2 2 2 2 1 1 2 2 2 2	13 15 2 19 4 1 1 13 7 7 1 1 1 13 7 7 1 1 1 1 25 1 17 1 17 1 1 1 1 25 1 17 1 17
Stock  Schepage  Survivous So  Survivous So  Side Survivous So  Survivous Survivous So  Survivous Survivou	19.00 19.00	0.10	0-3   2-3   3-6   3-7	0 0 3 3 3 1 1 1 2 2 1 2 2 2 3 3 3 0 4 1 1 1 2 2 2 4 4 1 1 3 3 5 5 1 1 1 1 2 2 2 2 2 4 4 1 1 3 3 5 5 1 2 2 4 4 4 2 2 2 2 Moorthy 2 2 7 3 3 1 3 5 5 1 2 2 4 4 1 1 3 3 5 5 1 2 2 4 4 1 1 3 3 5 5 7 2 2 2 2 3 3 2 2 2 4 4 1 1 3 3 5 5 7 2 2 2 3 3 2 2 2 4 4 1 1 3 3 5 5 7 2 2 4 1 1 3 3 5 5 7 2 2 2 3 3 2 2 2 4 4 1 1 3 3 5 5 7 2 2 2 2 3 3 2 2 2 4 4 1 1 3 3 5 5 7 2 2 4 1 1 3 3 5 5 7 2 2 2 2 3 3 2 2 2 4 4 1 1 3 3 5 5 7 2 2 2 2 4 4 1 1 3 3 5 5 7 2 2 2 2 4 4 1 1 3 3 5 5 7 2 2 2 2 4 4 1 1 3 3 5 5 7 2 2 2 2 4 4 1 1 3 3 5 5 7 2 2 2 2 4 4 1 1 3 3 5 5 7 2 2 2 2 4 4 1 1 3 3 5 5 7 2 2 2 2 4 4 1 1 3 3 5 5 7 2 2 2 2 4 4 1 1 3 3 5 5 7 2 2 2 2 4 4 1 1 3 3 5 5 7 2 2 2 2 4 4 1 1 3 3 5 5 7 2 2 2 2 4 4 1 1 3 3 5 5 7 2 2 2 2 4 4 1 1 3 3 5 5 7 2 2 2 2 4 4 1 1 3 3 5 5 7 2 2 2 2 4 4 1 1 3 3 3 5 5 7 2 2 2 2 4 4 1 1 3 3 3 5 5 7 2 2 2 2 4 4 1 1 3 3 3 5 5 7 2 2 2 2 4 4 1 1 3 3 3 5 5 7 2 2 2 2 4 4 1 1 3 3 3 5 5 7 2 2 2 2 4 4 1 1 3 3 3 5 5 7 2 2 2 2 2 4 4 1 1 3 3 3 5 5 7 2 2 2 2 2 4 4 1 1 3 3 3 5 5 7 2 2 2 2 2 4 4 1 1 3 3 3 5 5 7 2 2 2 2 2 4 4 1 1 3 3 3 5 5 7 2 2 2 2 2 2 4 4 1 1 3 3 3 5 5 7 2 2 2 2 2 2 2 4 4 1 1 3 3 3 5 5 7 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	13 15 2 19 4 1 1 13 1 13 7 7 1 1 1 1 1 1 1 1 1 1 1 1
Stock  Suppose  Suppo	19.00   19.0	0.11 0.11 0.13 0.13 0.10 0.14 0.4 0.4 0.4 0.5 0.10 0.10 0.10 0.10 0.10 0.10 0.10	0-3   0-3   0-3   0-3   0-3   0-3   0-3   0-3   0-5	0 0 3 3 3 3 1 1 1 2 2 1 2 2 2 3 3 3 0 1 1 1 1 2 2 1 1 2 2 2 2 2 2 2 2 2 2 2	13 15 2 3 14 1 13 7 7 7 1 15 1 15 1 15 1 15 1 15 1 1
Stock  SLAPSDO  Down Jones  SLAPSDO  Down Jones  Niker  FISE 100  EuroStoux 50  BEX  CAC  CAC  CAC  CAC  CAC  CAC  CAC  C	19.003   19.003   19.003   19.003   19.003   19.005   19.003   19.005   19.003   19.005   1	Dolly (1.6 of 1.6 of 1.	0.3   0.3   0.4   0.5	0 0 3 3 3 1 1 1 2 2 2 2 2 4 4 1 1 2 2 2 2 2 4 4 1 1 2 2 2 2	13 15 2 3 14 1 13 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Slock SAPSO	19.00   19.0	Doubly   D	0-3   0-3   0-3   0-3   0-3   0-3   0-3   0-4   0-3   0-5	0 0 3 3 3 3 1 1 1 2 2 1 2 2 2 2 4 4 1 1 2 2 2 2 4 4 1 1 2 2 2 2	13 15 2 19 4 4 1 1 13 7 7 4 7 11 1 13 7 7 1 17 11 1 12 5 1 17 17 1 17 1 17 1
Sloce  Sappage	19.00   19.0	Daily   Dail	0-3   0-3   0-3   0-3   0-3   0-3   0-3   0-4   0-5	0 0 3 3 3 3 1 1 1 2 2 2 4 1 3 3 3 0 3 1 1 1 1 2 2 2 2 4 1 1 1 1 2 2 2 2 4 1 1 1 1	13 15 2 19 4 4 1 13 7 7 7 8 7 10 17 17 17 17 17 17 17 17 17 17 17 17 17
Store  Suppose  Suppo	19.00   19.0	0.1) 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0-3   0-3   0-3   0-3   0-3   0-3   0-3   0-4   0-4   0-5	0 0 3 3 3 1 1 1 2 2 2 2 4 4 1 1 1 2 2 2 2 4 4 1 1 1 2 2 2 2	13 15 2 19 14 1 13 7 7 7 1 17 17 17 17 17 17 17 17 17 17 1
Slock  SAPPRO SA	19,003   19,003   19,003   19,003   19,003   19,003   19,005   19,003   19,005   19,003   19,005   1	0.11 0.11 0.11 0.11 0.11 0.11 0.11 0.11	0-3   0-3   0-3   0-3   0-3   0-3   0-3   0-3   0-4   0-3   0-5	0 0 3 3 3 3 1 1 1 2 2 2 2 4 1 3 3 3 0 3 1 1 1 1 2 2 2 2 2 4 1 1 1 1 2 2 2 2 2 4 1 1 1 1	13 15 2 17 14 1 13 7 7 7 1 13 1 15 15 15 15 15 15 15 15 15 15 15 15 1





Developed Markets				Month	Year
US (2-yr) US GER (2-yr)	1.17 2.38	2.0 5.1	-1.3 0.4	-5 -16	14 13
GER (2·yr) Germany	0.72	3.9	3.2	9 11	-36 -21
France Spain	0.83 1.45 1.96	4.1 5.9 4.9	5.7 3.7 9.8	12 9 15	-11 -27 42
Italy Portugal	3.84	-0.2	-13.2	8	129
Greece Japan (2-yr)	7.14 -0.23 0.06	3.2 -0.4 -0.8	24.2 1.6 -3.1	-6 -6	-101 -22 -21
Japan Emerging Markets		Daily	Weekly	-21 Monthly	
Brazil Chile	11.05 4.20	4.0 0.9	-21.6 1.0	-86 -18	-536 -45
Colombia Mexico	6.86 7.68	1.1 6.3	7.3 1.0	-36 43	-188 147
Peru Poland	6.18 3.63	0.9	-12.7 7.3	-22 22	-134 47
Russia Turkey	8.19 11.06	-0.7 12.0	-13.0 -54.0	-42 4	-133
India Indonesia	6.45 7.52	3.2	6.0	-6 -40	29 -127 -130
Country ris		es in bp)			
Developed Markets 10-yr sovereign spread vs Germany	level	Daily	Weekly	Monthly	Year
France	47 160	0.2 1.0	2.5 6.6	1 3	10 62
Portugal Spain	348 109	-4.1 2.0	-16.4 0.5	-3 -2	150 -6
2-yr sovereign spread vs Germany France	14	-1.8	3.0	-2	10
Italy	62	-2.7	0.0	-5	26
Portugal Spain	90 42	-2.4 -2.7	-3.2 -0.6	-14 -13	47 9
Emerging Markets 5-yr sovereign CDS *	level	Daily	Weekly	Monthly	Year
Brazil Chie	246 81	-2 0	-11 -2	-42 -5	-248 -50
Colombia	148	-2	-8	-13	-93
Mexico Peru	169 104	0	-9 -5	15 -3	-4 -83
Venezuela Poland	3,808 70	-17 0	51	-133 -8	-2351 -2
Russia Turkey	180 279	-2 -5	7 -3	-1	-124 5
China India	114	1 2	0	-5 -5	6 -28
Indonesia	151	0	-1	-11	-78
Volatilty indicators (%)	k indicators level	Daily	Weekly	Monthly	Year
VIX VSTOXX	12 15	4.7 -5.2	10 -5	-2	-8 -12
EM EFT volatility Index Dollar/euro volatility	18	-1.1 -4.8	-2 -13	-5 -17	-30 -13
EM FX volatility index	11	4.1	-4	-4	-6
Credit spread (BAA) (bps) US bonds volatility index	221 74	-5.1 -0.8	-1 2	-2 -2	-102 7
Banking 5 y CDS (bps) * US	level 73	Daily 0.4	Weekly 0	Monthly -1	Year -2
EZ UK	108	1.0	-2 -1	-9	25 15
Large Spanish	118 156	0.6	-5 6	-2 -9 1	-19 -5
Medium Spanish Corporate 5y CDS (bps) *	level	Daily	Weekly	Monthly	Year
US Non-financial EZ Non-financial	153 99	0.4 1.0	0 -2	-1 -9	-2 25
UK Non-financial Interbank mar	123 kets (% cho	0.5 inges in by	0	-2	-71
	level	Daily	Weekly	Monthly	Year
EONIA Index Euribor 3 m	-0.35 -0.33	0.00	0.0	0.0	-0.1 -0.2
Euribor 12m Libor 3m	-0.10 1.02	0.00	0.0	0.0	-0.2 0.4
Libor 12m	1.70 56.9	0.00	0.0	0.0	0.5 11.5
EZ TED spread 3m		-3.50	-2.7	-5.3	
EZTED spread 3m	k markets (	-3.50 6)	-2.7	-5.3	11.5
Stoci Main indices	k markets (	(i) Daily	Weekly	Monthly	Year
Stock Main indices S&P500 Dow Jones	level 2,269 19,803	Daily 0.1 -0.1	Weekly -0.3 -0.8	Monthly 0	Year 13 15
Stock Main indices S&P500 Dow Jones Nikkel FTSE 100	level 2,269 19,803 18,894 7,248	Daily 0.1 -0.1 0.4 0.4	Weekly -0.3 -0.8 -2.4 -0.6	Monthly 0 0 -3 3	Year 13 15 2 19
Stock S&P500 Dow Jones Nikkel FTSE 100 EuroStoxx 50 IBEX	level 2,269 19,803 18,894 7,248 3,294 9,384	Daily 0.1 -0.1 0.4 0.4 0.3 -0.1	Weekly -0.3 -0.8 -2.4 -0.6 -0.4 -0.3	Monthly 0 0 -3	Year 13 15 2 19 4
Stock Main indices SAP500 Dow Jones Nikkel FTSE 100 EuroStoxx 50	level 2,269 19,803 18,894 7,248 3,294 9,384 11,599	0.1 -0.1 -0.4 -0.4 -0.3 -0.1	Weekly -0.3 -0.8 -2.4 -0.6 -0.4 -0.3 -0.4 -0.7	Monthly 0 0 -3 3 1	Year 13 15 2 19 4 1
Stock Main Indices SAP500 Dow Jones Niked FTSE 100 EuroStoxx 50 IBEX DAX CAC MIB	level 2,269 19,803 18,894 7,248 3,294 9,384 11,599 4,853 19,355	Daily 0.1 -0.1 0.4 0.4 0.3 -0.1 0.5 -0.1	Weekly -0.3 -0.8 -2.4 -0.6 -0.4 -0.3 -0.4 -0.7 -0.7	Monthly 0 0 -3 3 1 1 2 1 2	Year 13 15 2 19 4 1 13 7
Stock   Main indices	level 2,269 19,803 18,894 7,248 3,294 9,384 11,599 4,853 19,355 643 75,127	Daily 0.1 -0.1 0.4 0.4 0.3 -0.1 0.5 -0.1 0.3 0.2 0.7	Weekly -0.3 -0.8 -2.4 -0.6 -0.4 -0.3 -0.4 -0.7 -0.7 -0.7 -3.0 2.2	Monthly 0 0 -3 3 1 1 2 1 2 6	Year 13 15 2 19 4 1 1 13 7 -7 4 27
Stock   Stock	revel 2,269 19,803 18,894 7,248 3,294 9,384 11,599 4,853 19,355 643 75,127 64,680 46,340	Daily 0.1 -0.1 -0.1 -0.4 -0.3 -0.1 -0.5 -0.1 -0.3 -0.2 -0.7 -0.5 -0.7 -0.5 -0.7	Weekly -0.3 -0.8 -2.4 -0.6 -0.4 -0.3 -0.4 -0.7 -0.7 -3.0 2.2 3.6 0.9	Monthly 0 0 -3 3 1 1 1 2 1 2 2 6 13 3	Your 13 15 2 19 4 1 13 7 -7 4 27 53 10
Stock   Stock	level (1988) (19	Daily 0.1 -0.1 -0.4 -0.4 -0.3 -0.1 -0.5	Weekly -0.3 -0.8 -2.4 -0.6 -0.4 -0.3 -0.7 -0.7 -3.0 2.2 3.6 0.9 -0.9 -1.2	Monthly 0 0 -3 3 1 1 2 1 2 2 6 13 3 0 4	Year 13 15 2 19 4 1 13 7 -7 4 27 53 10 17
Main indices S&P500 Dow Jones Notes Notes F155: 100 Dow Jones Notes AC Dow Jones Notes AC Dow Jones Notes AC Dow Jones Notes AC Dow Jones MSG Latam* Ibovepa Blacio Modod ModO	level 2,269 19,803 18,894 7,248 3,294 9,384 11,599 4,853 19,355 643 75,127 64,680 46,340 4,950 2,006 2,170	Daily 0.1 -0.1 0.4 0.4 0.3 -0.1 0.5 -0.1 0.3 0.2 0.7 0.5 0.7 -0.3 -0.5 -0.4 0.5 -0.5 -0.4 0.5 -0.5 -0.4	Weekly -0.3 -0.8 -2.4 -0.6 -0.4 -0.3 -0.7 -0.7 -3.0 2.2 -3.6 0.9 -0.9 -1.2 -2.2 -6.6	Monthly 0 -3 3 1 1 2 1 2 2 6 13 3 0 4	Year 13 15 2 19 4 1 13 7 -7 4 27 53 10 17
Stock SAP500 Date Joine FES 100 EuroStock 50 BBX DAX CAR AS Alters MSCI Laten Horveps Bisson MSCI ME Largos Polification MSCI ME Largos MSCI ME	level 2,269 19,803 18,894 7,248 3,294 9,384 11,599 4,853 19,355 643 75,127 64,680 46,340 4,950 2,006 2,170 82,779 713	Daily 0.1 -0.1 -0.4 -0.4 -0.3 -0.1 -0.5 -0.1 -0.5 -0.7 -0.5 -0.7 -0.5 -0.4 -0.5 -0.4 -0.5 -0.4 -0.5 -0.4 -0.5 -0.4 -0.5 -0.4 -0.5 -0.4 -0.1 -0.5 -0.4 -0.5 -0.4 -0.5 -0.4 -0.5 -0.4 -0.1 -0.5 -0.4 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	Weekly -0.3 -0.8 -2.4 -0.6 -0.4 -0.3 -0.4 -0.7 -3.0 -2.2 -3.6 -0.9 -0.9 -1.2 -2.2 -6.6 -0.3	Monthly 0 0 -3 3 1 1 2 1 2 2 6 13 3 0 4 -2 7	Year 13 15 2 19 4 1 13 7 -7 4 27 53 10 17 11 25
Stock   Stock	level 2,269 19,803 18,894 7,248 3,294 9,384 11,599 4,853 19,355 643 75,127 64,680 46,340 4,950 2,006 2,170	Daily 0.1 -0.1 -0.1 -0.4 -0.3 -0.1 -0.3 -0.5 -0.7 -0.3 -0.5 -0.4 -0.5 -0.4 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	Weekly -0.3 -0.8 -2.4 -0.6 -0.4 -0.3 -0.7 -3.0 -2.2 -3.6 -0.9 -0.9 -1.2 -2.2 -6.6 -0.3 -0.8 -0.3	Montily 0 0 0 -3 3 1 1 1 2 1 2 2 6 6 13 3 0 4 -2 7 3 0 0 1	Year 13 15 2 19 4 1 13 7 -7 4 27 53 10 17 11 125 17 8
Stock Surprises Compared To the Compared To th	rest of the control o	Daily 0.1 -0.1 -0.1 -0.4 -0.3 -0.1 -0.3 -0.5 -0.5 -0.4 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	Weekly -0.3 -0.8 -2.4 -0.6 -0.4 -0.3 -0.7 -0.7 -3.0 2.2 3.6 0.9 -1.2 -2.2 6.6 0.3 -0.8 -0.3 -0.8 -0.3 -0.8 -0.3 -0.8 -0.3 -0.8 -0.3 -0.8 -0.3 -0.8	Monthly 0 0 -3 3 1 1 2 1 2 2 6 13 3 0 4 -2 7 3 0 1 Monthly -2	Year 13 15 2 19 4 1 13 7 -7 4 27 53 10 17 11 25 17 8 6 15 Year 25
Stock White induces SAPPOO Dow Joines FEST 100 EuroStock 50 BEX X DAX CAC MIB MISTOR SAPPOOR MIS	rest of the control o	Daily 0.1 -0.1 -0.4 -0.4 -0.5 -0.1 -0.5 -0.7 -0.3 -0.5 -0.5 -0.4 -0.5 -0.5 -0.5 -0.5 -0.6 -0.5 -0.6 -0.5 -0.6 -0.1 -0.5 -0.1 -0.5 -0.1 -1.6 -0.1 -0.5 -0.1 -1.6 -0.1 -0.5 -0.1 -1.6 -0.1 -1.6 -0.1 -1.6 -0.1 -1.6 -0.1 -1.6	Weekly -0.3 -0.8 -2.4 -0.6 -0.4 -0.7 -3.0 -2.2 -3.6 -0.9 -1.2 -2.2 -6.6 -0.3 -0.3 -0.8 -0.3 -0.3 -0.8 -0.3 -0.3 -0.8 -0.3 -0.3 -0.8 -0.3 -0.8 -0.3 -0.8 -0.3 -0.8 -0.3 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8	Monthly 0 0 -3 3 1 1 2 1 2 2 6 13 3 0 4 -2 7 3 0 1 Monthly -2 -2 -4	Year 13 15 2 19 4 1 13 7 -7 4 27 53 10 17 11 25 17 8 -6 15 17 8
Stock SAPSO	revel 2,269 19,803 18,894 7,248 3,294 9,384 11,599 4,853 19,355 643 75,127 646,340 4,950 2,170 82,779 713 3,113 5,295 ievel 115,4 83,4	Daily 0.1 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1	Weekly -0.3 -0.8 -0.8 -0.6 -0.4 -0.6 -0.7 -0.7 -3.0 -0.7 -3.0 -0.9 -1.2 -2.2 -0.3 -0.8 -0.3 -0.8 -0.3 -0.8 -0.3 -0.8 -0.3 -0.3 -0.8 -0.3 -0.3 -0.8 -0.3 -0.3 -0.8 -0.3 -0.3 -0.8 -0.3 -0.3 -0.8 -0.3 -0.3 -0.8 -0.3 -0.3 -0.8 -0.3 -0.3 -0.8 -0.3 -0.3 -0.8 -0.3 -0.3 -0.8 -0.3 -0.3 -0.8 -0.3 -0.3 -0.8 -0.3 -0.3 -0.8 -0.3 -0.3 -0.8 -0.3 -0.3 -0.8 -0.3 -0.3 -0.8 -0.3 -0.3 -0.3 -0.8 -0.3 -0.3 -0.3 -0.8 -0.3 -0.3 -0.3 -0.8 -0.3 -0.3 -0.3 -0.8 -0.3 -0.3 -0.8 -0.3 -0.3 -0.8 -0.3 -0.3 -0.8 -0.3 -0.3 -0.8 -0.3 -0.3 -0.8 -0.3 -0.3 -0.8 -0.3 -0.3 -0.8 -0.3 -0.3 -0.8 -0.3 -0.3 -0.8 -0.3 -0.3 -0.8 -0.3 -0.3 -0.8 -0.3 -0.8 -0.3 -0.8 -0.3 -0.8 -0.3 -0.8 -0.3 -0.8 -0.3 -0.8 -0.3 -0.8 -0.3 -0.8 -0.3 -0.8 -0.3 -0.8 -0.3 -0.8 -0.3 -0.8 -0.3 -0.8 -0.3 -0.8 -0.3 -0.8 -0.8 -0.3 -0.3 -0.8 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3	Monthly 0 0 -3 3 1 1 2 1 2 2 6 13 3 0 4 -2 7 3 0 1 Monthly	Year 13 15 2 19 4 1 13 7 -7 4 27 53 10 17 11 25 17 8 -6 15 Year 25 31
Stock Surprised cos SurPSO Down Johns FISS 100 EuroStock 50 BBX DAX CAR AN	rest of the control o	Daily 0.1 -0.11 -0.13 -0.14 -0.15 -0.15 -0.15 -0.15 -0.16 -0.17 -0.17 -0.17 -0.18 -0.17 -0.18 -0	Weekly -0.3 -0.8 -0.4 -0.6 -0.6 -0.7 -0.7 -0.7 -0.7 -0.7 -0.9 -1.2 -0.8 -0.8 -0.3 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8	Monthly 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Year 13 15 2 19 4 1 1 13 7 7 7 7 4 27 53 10 17 17 11 17 8 6 15 17 Year 25 31 1 2 36 35 32 32
Stock White indices SAPPO0 Down Johns FISE 100 EuroStock 50 BBX DAX CA AME MINE MINE MINE MINE MINE MINE MINE MI	level 2.269 (2.2	Daily 0.1 0.4 0.4 0.4 0.5 0.1 0.5 0.7 0.5 0.4 0.5 0.1 0.5 0.7 0.5 0.4 0.5 0.1 0.5 0.1 0.5 0.1 0.5 0.1 0.5 0.1 0.5 0.1 0.5 0.1 0.5 0.1 0.5 0.1 0.5 0.4 0.5 0.4 0.5 0.4 0.1 0.5 0.8 0.4 0.1 0.1 0.5 0.8 0.7 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	Weekly 0.3 0.8 2.4 0.6 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.9 0.9 1.2 2.2 6.6 0.3 0.9 0.9 0.9 1.2 2.2 2.4 0.3 4.2 4.2 4.1 1.5 1.2 5.5 4.9 1.1 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	Monthly 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Year 13 15 2 19 4 1 1 13 7 7 4 1 27 17 17 8 6 15 17 17 8 6 15 17 17 18 12 25 31 12 25 36 35 24 17 17
Steel	mitcets (2.269) [19,803] 18,894 [19,803] 18,894 [19,803] 18,894 [19,803] 18,894 [19,803] 18,994 [19,904] 11,599 [19,905] 21,700 [21,70] 713 [21,70] 21,70 [22,44] 42,6 [23,38] 1011,4 42,6	Daily 0.1 0.1 0.1 0.1 0.3 0.1 0.3 0.1 0.3 0.1 0.3 0.7 0.7 0.3 0.7 0.3 0.4 0.5 0.7 0.5 0.7 0.8 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	Veckly 0.3 0.8 0.8 0.4 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.0 0.2 0.2 0.2 0.2 0.9 0.9 0.9 0.9 0.3 0.8 0.3 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	Monthly 10 0 0 0 3 3 1 1 1 1 2 2 2 6 1 3 3 0 0 1 1 1 1 2 2 2 4 4 1 1 1 2 2 2 4 4 1 1 1 2 2 2 4 4 1 1 1 5 0 0 0 0 1 1 5 0 0 0 1 1 5 0 0 0 1 1 1 5 0 0 0 0	Year 13 15 2 19 4 1 13 7 7 4 1 27 53 10 17 7 11 25 17 8 6 15 12 25 31 12 36 35 32 4 17 16 18
Steel Scheduler	min(ct) © iced   19.00	Daily 0.1 0.4 0.5 0.5 0.7 0.5 0.4 0.1 0.4 0.5 0.4 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.4 0.1 0.5 0.4 0.5 0.4 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 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	Weekly 0-3	Monthly 0 0 -3 3 1 1 2 1 1 2 2 6 6 13 3 0 4 -2 7 3 0 1 Monthly -2 1 -1 -1 -2 0 -1 1 5 0 0 -1 1	Year 13 15 15 2 19 4 1 1 13 3 7 7 4 4 27 7 53 3 10 10 17 7 7 8 6 15 5 25 25 25 3 1 12 3 6 3 5 3 2 4 1 7 16 6 18 9 9 19 19
Stock  SAPPED  SAPPED  SAPPED  SAPPED  Lavision Cet  Exercises Sape  Lavis Sap	min(ct) © icvel   19,803   18,994   19,803   18,994   18,903   18,994   11,599   9,384   11,599   9,384   11,599   643   75,127   2,170   82,779   713   3,113	Daily 0.1 0.4 0.5 0.1 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	Workly 0-3   0-8   0-8   0-8   0-8   0-9   0-9   0-9   0-9   0-7   0-7   0-7   0-7   0-7   0-7   0-9   0-12   0-9   0-12   0-9	Monthly 0 0 -3 3 1 1 2 1 1 2 2 6 6 13 3 0 4 -2 7 3 0 1 Monthly -2 -1 -1 -2 0 -1 1 5 0 -1 1 2 -2 -2	Year 13 15 2 19 4 1 1 13 7 7 7 4 7 27 53 10 17 17 11 12 5 17 17 18 4 6 15 17 18 12 5 17 18 12 12 12 12 12 12 12 12 12 12 12 12 12
Size Services SEPSED Down Jones Nikes FIFSE 100 EuroStoux 50 BISX CAC CAC CAC CAC CAC CAC CAC CAC CAC CA	kmikets © level 19,803 19,803 19,803 19,803 19,803 19,803 19,803 19,803 11,894 11,599	0 billy 0.1 0.4 0.1 0.5 0.5 0.4 0.1 0.5 0.5 0.4 0.1 0.5 0.5 0.4 0.7 0.5 0.5 0.4 0.7 0.5 0.5 0.4 0.7 0.5 0.5 0.4 0.7 0.5 0.5 0.4 0.7 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	Weekly -0.3 -0.6 -0.4 -0.7 -0.3 -0.4 -0.7 -3.0 -0.5 -0.4 -0.7 -3.0 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0	Monthly 0 0 -3 3 1 1 2 2 6 6 13 3 0 4 -2 7 7 3 0 1 1 1 -2 -2 -4 -1 -1 -1 -2 -2 0 -1 1 1 -2 -2 2 2	Year 13 13 15 2 9 19 4 1 1 13 17 7 7 4 27 17 17 18 6 6 15 15 17 18 12 5 17 16 18 19 10 10 10 11 11 11 11 11 11 11 11 11 11
Steel Scheller Com	mix(et) 0	Daily 0.1 0.4 0.5 0.7 0.5 0.4 1.1 0.8 0.7 0.1 0.8 0.1 1.0 1.0 0.5 0.1 1.1 1.0 1.0 0.5 0.1 1.1 1.0 1.0 0.5 0.1 1.1 1.0 1.0 0.5 0.1 1.1 1.0 1.0 0.5 0.1 1.1 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	Weekly 0-3   0.8   0.8   0.4   0.6   0.4   0.7   0.7   0.7   0.7   0.7   0.9   0.9   1.2   2.2   2.2   2.2   2.4   2.5   2.4   2.5   2.1   1.1   1.5   2.4   2.8   2.5   2.0   0.5   2.8   0.5   2.8   0.5   2.8   0.5   2.8   0.5   2.8   0.5   2.8   0.5   1.7	Monthly 0 0 -3 3 1 1 2 1 1 2 2 6 6 13 3 0 4 -2 7 3 0 1 Monthly -2 -1 -1 -2 0 -1 1 5 0 -1 1 2 -2 -2	Year 13 15 2 19 4 1 1 13 7 7 4 7 27 53 10 17 11 125 17 18 6 6 15 15 17 18 12 15 16 16 17 17 18 16 17 17 18 17 17 18 17 17 18 17 17 18 17 17 18 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18
Stock  SAPPRO  SAPPRO  SAPPRO  SAPPRO  EvoStock 50  BEX  DAX  DAX  MB  ASS Affects  BOYER GROWN  MB  MSC Latters  Boyer GROWN  MB  MSC Latters  Boyer GROWN  MB  MSC Latters  Boyer GROWN  MSC Richard  Boyer GROWN  MSC Richard  Short Com Chinal  Sh	mulcut   Color   Col	0 Daily 10.1 1.8 1.1 1.1 1.8 1.1 1.1 1.8 1.1 1.1 1	Westly -0.3 -0.8 -0.4 -0.3 -0.6 -0.4 -0.5 -0.5 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7	Monthly 0 0 3 3 1 1 2 1 2 6 1 3 3 0 4 4 2 2 6 1 1 Monthly 2 4 1 1 1 2 2 4 1 1 1 2 2 4 1 1 2 2 4 1 1 1 2 2 4 1 1 1 2 2 4 4 1 1 2 2 4 4 1 1 1 2 2 4 4 1 1 1 2 2 4 4 4 2 4 4 2 4 4 4 4	Year 13 15 15 17 17 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19
Social Services  SAPSO  SAPSO  SAPSO  SAPSO  SAPSO  EuroStox, 50  BISX  DAX  MB  ASS, Alteris  MSCI Laters  Boyersp Black  Bowersp Black  Bowersp Black  Morce Rinski  Mor	kmitcus ( kwitcus ( kwitcu	0 Daily 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	Weskly, 0-33 -0.8 -0.9 -0.2 -0.7 -0.2 -0.7 -0.7 -0.2 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7	Monthly 0 0 3 3 1 1 2 1 2 6 13 3 0 4 4 2 7 3 0 1 1 Monthly 2 2 4 1 1 1 2 2 2 4 1 1 1 2 2 2 4 1 1 1 1	Year 13 15 2 19 4 1 13 15 2 19 4 1 13 3 7 7 4 27 53 10 10 27 53 31 11 15 Year 17 16 18 9 9 19 19 19 10 46 6 9 2 15
Social Services  SAPSO	mix(ct)   c    c    c    c    c    c    c	0 bally 0.5 bally 0.1 1.8 bally 0.5 bally 0.1 1.1 1.1 1.2 bally 0.7 1.1 1.1 1.2 bally 0.7 1.1 1.1 1.2 0.7 1.1 1.2 0.7	Weskly, 90-33 - 0.8 - 0.9 - 0.2 - 0.2 - 0.2 - 0.2 - 0.3 - 0.8 - 0.9 - 1.2 - 0.5 - 0.9 - 1.2 - 0.5 - 0.9 - 1.2 - 0.5 - 0.9 - 1.2 - 0.5 - 0.9 - 1.2 - 0.5 - 0.9 - 1.2 - 0.5 - 0.9 - 1.2 - 0.3 - 0.8 - 0.8 - 0.9 - 1.1 - 1.5 - 0.2 - 0.8 - 0.5 - 0.9 - 0.	Morrhly 0 y 0 y 0 y 3 3 3 1 1 1 2 2 2 6 6 1 3 3 3 0 4 4 2 7 7 7 3 0 0 1 1 1 1 2 2 2 2 2 4 4 1 1 1 2 2 2 2 2 2	Year 13 13 15 2 19 4 1 1 13 7 7 4 7 7 7 15 3 10 10 17 7 7 17 17 17 17 18 6 6 6 15 17 7 7 17 17 18 18 6 6 6 15 17 17 17 18 18 19 10 10 10 10 10 10 10 10 10 10 10 10 10
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Social Services  SAPSO  SAPSO  SAPSO  SAPSO  SAPSO  SAPSO  EuroStock 50  BISCX  DAX  DAX  MB  ASS Afters  MSCI Laters  BOYER BERGO  BOYER BERGO  MORCH BERGO   MORCH BERGO  MORCH BERGO    MORCH BERGO   MORCH BERGO    MORCH BE	Number   N	Daily 0.1 0.5 0.1 0.5 0.1 0.1 0.5 0.1 0.1 0.5 0.1 0.1 0.5 0.1 0.5 0.1 0.1 0.5 0.1 0.1 0.5 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	Weekly 0-3 - 0-3 - 0-8 - 0-1 -	Mouthly 0 0 0 3 3 1 1 2 1 2 2 2 1 1 2 2 2 2 4 1 1 1 2 2 2 2	Year 115 12 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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Steel Scheduler	Number   N	O Daily   O 1   O 1   O 1   O 1   O 1   O 1   O 1   O 1   O 1   O 2   O 3   O 3   O 3   O 4   O 3   O 5   O 7   O 7   O 7   O 7   O 7   O 9   O 1   O 1   O 5   O 7   O 9   O	Weekly 0-3 -0.3 -0.4 -0.4 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	Mouthly 0 0 0 0 3 3 1 1 1 2 1 2 2 1 1 2 2 2 2 2 4 4 1 1 2 2 2 2	Year 13 13 13 13 13 13 13 13 13 13 13 13 13
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Source: Bloomberg, Datastream and Haver

\* With one day delay



Developed Markets				Month	Year
US (2-yr) US GER (2-yr)	1.17 2.38	2.0 5.1	-1.3 0.4	-5 -16	14 13
GER (2·yr) Germany	0.72	3.9	3.2	9 11	-36 -21
France Spain	0.83 1.45 1.96	4.1 5.9 4.9	5.7 3.7 9.8	12 9 15	-11 -27 42
Italy Portugal	3.84	-0.2	-13.2	8	129
Greece Japan (2-yr)	7.14 -0.23 0.06	3.2 -0.4 -0.8	24.2 1.6 -3.1	-6 -6	-101 -22 -21
Japan Emerging Markets		Daily	Weekly	-21 Monthly	
Brazil Chile	11.05 4.20	4.0 0.9	-21.6 1.0	-86 -18	-536 -45
Colombia Mexico	6.86 7.68	1.1 6.3	7.3 1.0	-36 43	-188 147
Peru Poland	6.18 3.63	0.9	-12.7 7.3	-22 22	-134 47
Russia Turkey	8.19 11.06	-0.7 12.0	-13.0 -54.0	-42 4	-133
India Indonesia	6.45 7.52	3.2	6.0	-6 -40	29 -127 -130
Country ris		es in bp)			
Developed Markets 10-yr sovereign spread vs Germany	level	Daily	Weekly	Monthly	Year
France	47 160	0.2 1.0	2.5 6.6	1 3	10 62
Portugal Spain	348 109	-4.1 2.0	-16.4 0.5	-3 -2	150 -6
2-yr sovereign spread vs Germany France	14	-1.8	3.0	-2	10
Italy	62	-2.7	0.0	-5	26
Portugal Spain	90 42	-2.4 -2.7	-3.2 -0.6	-14 -13	47 9
Emerging Markets 5-yr sovereign CDS *	level	Daily	Weekly	Monthly	Year
Brazil Chie	246 81	-2 0	-11 -2	-42 -5	-248 -50
Colombia	148	-2	-8	-13	-93
Mexico Peru	169 104	0	-9 -5	15 -3	-4 -83
Venezuela Poland	3,808 70	-17 0	51	-133 -8	-2351 -2
Russia Turkey	180 279	-2 -5	7 -3	-1	-124 5
China India	114	1 2	0	-5 -5	6 -28
Indonesia	151	0	-1	-11	-78
Volatilty indicators (%)	k indicators level	Daily	Weekly	Monthly	Year
VIX VSTOXX	12 15	4.7 -5.2	10 -5	-2	-8 -12
EM EFT volatility Index Dollar/euro volatility	18	-1.1 -4.8	-2 -13	-5 -17	-30 -13
EM FX volatility index	11	4.1	-4	-4	-6
Credit spread (BAA) (bps) US bonds volatility index	221 74	-5.1 -0.8	-1 2	-2 -2	-102 7
Banking 5 y CDS (bps) * US	level 73	Daily 0.4	Weekly 0	Monthly -1	Year -2
EZ UK	108	1.0	-2 -1	-9 -2	25 15
Large Spanish	118 156	0.6	-5 6	-2 -9 1	-19 -5
Medium Spanish Corporate 5y CDS (bps) *	level	Daily	Weekly	Monthly	Year
US Non-financial EZ Non-financial	153 99	0.4 1.0	0 -2	-1 -9	-2 25
UK Non-financial Interbank mar	123 kets (% cho	0.5 inges in by	0	-2	-71
	level	Daily	Weekly	Monthly	Year
EONIA Index Euribor 3 m	-0.35 -0.33	0.00	0.0	0.0	-0.1 -0.2
Euribor 12m Libor 3m	-0.10 1.02	0.00	0.0	0.0	-0.2 0.4
Libor 12m	1.70 56.9	0.00	0.0	0.0	0.5 11.5
EZ TED spread 3m		-3.50	-2.7	-5.3	
EZTED spread 3m	k markets (	-3.50 6)	-2.7	-5.3	11.5
Stoci Main indices	k markets (	(i) Daily	Weekly	Monthly	Year
Stock Main indices S&P500 Dow Jones	level 2,269 19,803	Daily 0.1 -0.1	Weekly -0.3 -0.8	Monthly 0	Year 13 15
Stock Main indices S&P500 Dow Jones Nikkel FTSE 100	level 2,269 19,803 18,894 7,248	Daily 0.1 -0.1 0.4 0.4	Weekly -0.3 -0.8 -2.4 -0.6	Monthly 0 0 -3 3	Year 13 15 2 19
Stock S&P500 Dow Jones Nikkel FTSE 100 EuroStoxx 50 IBEX	level 2,269 19,803 18,894 7,248 3,294 9,384	Daily 0.1 -0.1 0.4 0.4 0.3 -0.1	Weekly -0.3 -0.8 -2.4 -0.6 -0.4 -0.3	Monthly 0 0 -3	Year 13 15 2 19 4
Stock Main indices SAP500 Dow Jones Nikkel FTSE 100 EuroStoxx 50	level 2,269 19,803 18,894 7,248 3,294 9,384 11,599	0.1 -0.1 -0.4 -0.4 -0.3 -0.1	Weekly -0.3 -0.8 -2.4 -0.6 -0.4 -0.3 -0.4 -0.7	Monthly 0 0 -3 3 1	Year 13 15 2 19 4 1
Stock Main Indices SAP500 Dow Jones Niked FTSE 100 EuroStoxx 50 IBEX DAX CAC MIB	level 2,269 19,803 18,894 7,248 3,294 9,384 11,599 4,853 19,355	Daily 0.1 -0.1 0.4 0.4 0.3 -0.1 0.5 -0.1	Weekly -0.3 -0.8 -2.4 -0.6 -0.4 -0.3 -0.4 -0.7 -0.7	Monthly 0 0 -3 3 1 1 2 1 2	Year 13 15 2 19 4 1 13 7
Stock   Main indices	level 2,269 19,803 18,894 7,248 3,294 9,384 11,599 4,853 19,355 643 75,127	Daily 0.1 -0.1 0.4 0.4 0.3 -0.1 0.5 -0.1 0.3 0.2 0.7	Weekly -0.3 -0.8 -2.4 -0.6 -0.4 -0.3 -0.4 -0.7 -0.7 -0.7 -3.0 2.2	Monthly 0 0 -3 3 1 1 2 1 2 6	Year 13 15 2 19 4 1 1 13 7 -7 4 27
Stock   Stock	revel 2,269 19,803 18,894 7,248 3,294 9,384 11,599 4,853 19,355 643 75,127 64,680 46,340	Daily 0.1 -0.1 -0.1 -0.4 -0.3 -0.1 -0.5 -0.1 -0.3 -0.2 -0.7 -0.5 -0.7 -0.5 -0.7	Weekly -0.3 -0.8 -2.4 -0.6 -0.4 -0.3 -0.4 -0.7 -0.7 -3.0 2.2 3.6 0.9	Monthly 0 0 -3 3 1 1 1 2 1 2 2 6 13 3	Your 13 15 2 19 4 1 13 7 -7 4 27 53 10
Stock   Stock	level (1988) (19	Daily 0.1 -0.1 -0.4 -0.4 -0.3 -0.1 -0.5	Weekly -0.3 -0.8 -2.4 -0.6 -0.4 -0.3 -0.7 -0.7 -3.0 2.2 3.6 0.9 -0.9 -1.2	Monthly 0 0 -3 3 1 1 2 1 2 2 6 13 3 0 4	Year 13 15 2 19 4 1 13 7 -7 4 27 53 10 17
Main indices S&P500 Dow Jones Notes Notes F155: 100 Dow Jones Notes AC Dow Jones Notes AC Dow Jones Notes AC Dow Jones Notes AC Dow Jones MSG Latam* Ibovepa Blacio Modod ModO	level 2,269 19,803 18,894 7,248 3,294 9,384 11,599 4,853 19,355 643 75,127 64,680 46,340 4,950 2,006 2,170	Daily 0.1 -0.1 0.4 0.4 0.3 -0.1 0.5 -0.1 0.3 0.2 0.7 0.5 0.7 -0.3 -0.5 -0.4 0.5 -0.5 -0.4 0.5 -0.5 -0.4	Weekly -0.3 -0.8 -2.4 -0.6 -0.4 -0.3 -0.7 -0.7 -3.0 2.2 -3.6 0.9 -0.9 -1.2 -2.2 -6.6	Monthly 0 -3 3 1 1 2 1 2 2 6 13 3 0 4	Year 13 15 2 19 4 1 13 7 -7 4 27 53 10 17
Stock SAP500 Date Joine FES 100 EuroStock 50 BBX DAX CAR AS Alters MSCI Laten Horveps Bisson MSCI ME Largos Polification MSCI ME Largos MSCI ME	level 2,269 19,803 18,894 7,248 3,294 9,384 11,599 4,853 19,355 643 75,127 64,680 46,340 4,950 2,006 2,170 82,779 713	Daily 0.1 -0.1 -0.4 -0.4 -0.3 -0.1 -0.5 -0.1 -0.5 -0.7 -0.5 -0.7 -0.5 -0.4 -0.5 -0.4 -0.5 -0.4 -0.5 -0.4 -0.5 -0.4 -0.5 -0.4 -0.5 -0.4 -0.1 -0.5 -0.4 -0.5 -0.4 -0.5 -0.4 -0.5 -0.4 -0.1 -0.5 -0.4 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	Weekly -0.3 -0.8 -2.4 -0.6 -0.4 -0.3 -0.4 -0.7 -3.0 -2.2 -3.6 -0.9 -0.9 -1.2 -2.2 -6.6 -0.3	Monthly 0 0 -3 3 1 1 2 1 2 2 6 13 3 0 4 -2 7	Year 13 15 2 19 4 1 13 7 -7 4 27 53 10 17 11 25
Stock   Stock	level 2,269 19,803 18,894 7,248 3,294 9,384 11,599 4,853 19,355 643 75,127 64,680 46,340 4,950 2,006 2,170	Daily 0.1 -0.1 -0.1 -0.4 -0.3 -0.1 -0.3 -0.5 -0.7 -0.3 -0.5 -0.4 -0.5 -0.4 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	Weekly -0.3 -0.8 -2.4 -0.6 -0.4 -0.3 -0.7 -3.0 -2.2 -3.6 -0.9 -0.9 -1.2 -2.2 -6.6 -0.3 -0.8 -0.3	Montily 0 0 0 -3 3 1 1 1 2 1 2 2 6 6 13 3 0 4 -2 7 3 0 0 1	Year 13 15 2 19 4 1 13 7 -7 4 27 53 10 17 11 125 17 8
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Stock White induces SAPPOO Dow Joines FEST 100 EuroStock 50 BEX X DAX CAC MIB MISTOR SAPPOOR MIS	rest of the control o	Daily 0.1 -0.1 -0.4 -0.4 -0.5 -0.1 -0.5 -0.7 -0.3 -0.5 -0.5 -0.4 -0.5 -0.5 -0.5 -0.5 -0.6 -0.5 -0.6 -0.5 -0.6 -0.1 -0.5 -0.1 -0.5 -0.1 -1.6 -0.1 -0.5 -0.1 -1.6 -0.1 -0.5 -0.1 -1.6 -0.1 -1.6 -0.1 -1.6 -0.1 -1.6 -0.1 -1.6	Weekly -0.3 -0.8 -2.4 -0.6 -0.4 -0.7 -3.0 -2.2 -3.6 -0.9 -1.2 -2.2 -6.6 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3	Monthly 0 0 -3 3 1 1 2 1 2 2 6 13 3 0 4 -2 7 3 0 1 Monthly -2 -2 -4	Year 13 15 2 19 4 1 13 7 -7 4 27 53 10 17 11 25 17 8 -6 15 17 8
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Steel	mitcets (2.269) [19,803] 18,894 [19,803] 18,894 [19,803] 18,894 [19,803] 18,894 [19,803] 18,994 [19,904] 11,599 [19,905] 21,700 [21,70] 713 [21,70] 21,70 [22,44] 42,6 [23,38] 1011,4 42,6	Daily 0.1 0.1 0.1 0.1 0.3 0.1 0.3 0.1 0.3 0.1 0.3 0.7 0.7 0.3 0.7 0.3 0.4 0.5 0.7 0.5 0.7 0.8 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	Veckly 0.3 0.8 0.8 0.4 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.0 0.2 0.2 0.2 0.2 0.9 0.9 0.9 0.9 0.3 0.8 0.3 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	Monthly 10 0 0 0 3 3 1 1 1 1 2 2 2 6 1 3 3 0 0 1 1 1 1 2 2 2 4 4 1 1 1 2 2 2 4 4 1 1 1 2 2 2 4 4 1 1 1 5 0 0 0 0 1 1 5 0 0 0 1 1 5 0 0 0 1 1 1 5 0 0 0 0	Year 13 15 2 19 4 1 13 7 7 4 1 27 53 10 17 7 11 25 17 8 6 15 12 25 31 12 36 35 32 4 17 16 18
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Stock  SAPPED  SAPPED  SAPPED  SAPPED  Lavision Cet  Exercises Sape  Lavis Sap	min(ct) © icvel   19,803   18,994   19,803   18,994   18,903   18,994   11,599   9,384   11,599   9,384   11,599   643   75,127   2,170   82,779   713   3,113	Daily 0.1 0.4 0.5 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.4 0.1 1.1 0.8 0.4 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	Workly 0-3   0-8   0-8   0-8   0-8   0-9   0-9   0-9   0-9   0-7   0-7   0-7   0-7   0-7   0-7   0-9   0-12   0-9   0-12   0-9   0-9   0-12   0-9   0-12   0-9   0-12   0-9   0-12   0-9   0-14   0-15	Monthly 0 0 -3 3 1 1 2 1 1 2 2 6 6 13 3 0 4 -2 7 3 0 1 Monthly -2 -1 -1 -2 0 -1 1 5 0 -1 1 2 -2 -2	Year 13 15 2 19 4 1 1 13 7 7 7 4 7 27 53 10 17 17 11 12 5 17 17 18 4 6 15 17 18 12 5 17 18 12 12 12 12 12 12 12 12 12 12 12 12 12
Size Services SEPSED Down Jones Nikes FIFSE 100 EuroStoux 50 BISX CAC CAC CAC CAC CAC CAC CAC CAC CAC CA	kmikets © level 19,803 19,803 19,803 19,803 19,803 19,803 19,803 19,803 11,894 11,599	0 billy 0.1 0.4 0.1 0.5 0.5 0.4 0.1 0.5 0.5 0.4 0.1 0.5 0.5 0.4 0.7 0.5 0.5 0.4 0.7 0.5 0.5 0.4 0.7 0.5 0.5 0.4 0.7 0.5 0.5 0.4 0.7 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	Weekly -0.3 -0.6 -0.4 -0.7 -0.3 -0.4 -0.7 -3.0 -0.5 -0.4 -0.7 -3.0 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0	Monthly 0 0 -3 3 1 1 2 2 6 6 13 3 0 4 -2 7 7 3 0 1 1 1 -2 -2 -4 -1 -1 -1 -2 -2 0 -1 1 1 -2 -2 2 2	Year 13 13 15 2 9 19 4 1 1 13 17 7 7 4 27 17 17 18 6 6 15 15 17 18 12 5 17 16 18 19 10 10 10 11 11 11 11 11 11 11 11 11 11
Steel Scheller Com	mix(et) 0	Daily 0.1 0.4 0.5 0.7 0.5 0.4 1.1 0.8 0.7 0.1 0.8 0.1 1.0 1.0 0.5 0.1 1.1 1.0 1.0 0.5 0.1 1.1 1.0 1.0 0.5 0.1 1.1 1.0 1.0 0.5 0.1 1.1 1.0 1.0 0.5 0.1 1.1 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	Weekly 0-3   0.8   0.8   0.4   0.6   0.4   0.7   0.7   0.7   0.7   0.7   0.9   0.9   1.2   2.2   2.2   2.2   2.4   2.5   2.4   2.5   2.1   1.1   1.5   2.4   2.8   2.5   2.0   0.5   2.8   0.5   2.8   0.5   2.8   0.5   2.8   0.5   2.8   0.5   2.8   0.5   1.7	Monthly 0 0 -3 3 1 1 2 1 1 2 2 6 6 13 3 0 4 -2 7 3 0 1 Monthly -2 -1 -1 -2 0 -1 1 5 0 -1 1 2 -2 -2	Year 13 15 2 19 4 1 1 13 7 7 4 7 27 53 10 17 11 125 17 18 6 6 15 15 17 18 12 15 16 16 17 17 18 16 17 17 18 17 17 18 17 17 18 17 17 18 17 17 18 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18
Stock  SAPPRO  SAPPRO  SAPPRO  SAPPRO  EvoStock 50  BEX  DAX  DAX  MB  ASS Affects  BOYER GROWN  MB  MSC Latters  Boyer GROWN  MB  MSC Latters  Boyer GROWN  MB  MSC Latters  Boyer GROWN  MSC Richard  Boyer GROWN  MSC Richard  Short Com Chinal  Sh	mulcut   Color   Col	0 Daily 10.1 1.8 1.1 1.1 1.8 1.1 1.1 1.8 1.1 1.1 1	Westly -0.3 -0.8 -0.4 -0.3 -0.6 -0.4 -0.5 -0.5 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7	Monthly 0 0 3 3 1 1 2 1 2 6 1 3 3 0 4 4 2 2 6 1 1 Monthly 2 4 1 1 1 2 2 4 1 1 1 2 2 4 1 1 2 2 4 1 1 1 2 2 4 1 1 1 2 2 4 4 1 1 2 2 4 4 1 1 1 2 2 4 4 1 1 1 2 2 4 4 4 2 4 4 2 4 4 4 4	Year 13 15 15 17 17 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19
Social Services  SAPSO  SAPSO  SAPSO  SAPSO  SAPSO  EuroStox, 50  BISX  DAX  MB  ASS, Alteris  MSCI Laters  Boyersp Black  Bowersp Black  Bowersp Black  Morce Rinski  Mor	kmitcus ( kwitcus ( kwitcu	0 Daily 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	Weskly, 0-33 -0.8 -0.9 -0.2 -0.7 -0.2 -0.7 -0.7 -0.2 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7	Monthly 0 0 3 3 1 1 2 1 2 6 13 3 0 4 4 2 7 3 0 1 1 Monthly 2 2 4 1 1 1 2 2 2 4 1 1 1 2 2 2 4 1 1 1 1	Year 13 15 2 19 4 1 13 15 2 19 4 1 13 3 7 7 4 27 53 10 10 27 53 31 11 15 Year 17 16 18 9 9 19 19 19 10 46 6 9 2 15
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Source: Bloomberg, Datastream and Haver

\* With one day delay

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