

Market Comment | Non-Opec oil exporters fuels the recent upward trend in oil prices

Global Financial Markets Unit 12 Dec 2016

- The rebound in oil prices was the main event at the beginning of the week, contributing to a further increase in inflation expectations in both the US and the euro zone In this context, sovereign bond yields inched up ahead of the Fed's policy meeting on Wednesday, while stock prices remained little changed. The major market sensitive events were the following:
- Oil prices rose significantly amid reports stating that Non-OPEC oil exporters will join OPEC members in cutting oil production. In cumulative terms oil prices have increased by around 15% so far this month (see).
- Against this backdrop, EM currencies appreciated across the board (especially the rouble), while
 the TRY depreciated, bucking the trend, as Turkey's GDP growth was lower than expected (see).
 Turkey's sovereign bond yields rose and reached record highs, both in USD-denominated debt and
 domestic currency debt.
- Italian bank stocks recovered some ground as the Italian government showed willingness to intervene
 to re-capitalise Monte dei Paschi (MDP) (see). Moreover, Paolo Gentiloni was appointed as the
 country's new technocratic prime minister, adding further support to Italian assets (yields declined
 and stocks rose).

Update 18 CET 12 December, 2016 Table 1



Debt market	s (10Y, %, ch	anges in t	op)		
Developed Markets US (2-yr)	1.14	Daily 0.4	Week 1.7	Month 22	YTD 9
US GER (2-yr) Germany	2.48 -0.74	1.1	8.4 -3.8	33 -12	21 -40
France	0.40	3.4 5.5	6.6 7.8	13 19	-23 -12
Spain Italy	1.50 2.00	-1.5 -4.5	-5.3	11	-27 40
Portugal Greece	3.83 6.72	-1.6 2.5	1.1 12.8 18.4	43 -53	132 -156
Japan (2-yr)	-0.18 0.09	-0.1 4.7	-0.1 12.5	7	-17 -18
Japan Emerging Markets		Daily		Monthly	
Brazil Chile	11.94 4.45	5.4 1.0	-12.8 -14.8	-4 23	-458 -23
Colombia Mexico	4.45 7.27 7.31	0.0	-9.2 0.4	-31 24	-139 105
Peru	6.28	0.6	-6.5	56	-119
Poland Russia	3.64 8.51	2.8 -0.2	-12.7 -25.9	31 -29	70 -104
Turkey	11.19	16.0	10.0	85 -22	72 -132
Indonesia	7.66	0.0	-40.2	18	-108
Country r Developed Markets	isk (bp, chang level	es in bp) Daily	Weekly	Monthly	YTD
10-yr so vereign spread vs Germany					
France Italy	47 160	2.1 -7.9	1.2 -5.5	-3	11 63
Portugal Spain	343 110	-5.0 -4.9	6.2	31 -2	155
2-yr so vereign spread vs Germany					
France Italy	14 63	0.2 -2.9	2.6 -12.9	11 -2	11 32
Portugal Spain	97 46	-4.3 -4.5	-5.6 -10.5	0	52 11
Emerging Markets	level	Daily	Weekly	Monthly	YTD
5-yr sovereign CDS * Brazil	287	2	-22	17	-205
Chile Colombia	78 169	2	-8 -22	-17 -7	-49 -70
Mexico	160	2	-22	- 4	-10
Peru Venezuela	108 3,876	2 76	-13 -482	0 369	-77 -2168
Poland	79	0	-4	0	7
Russia Turkey	197 279	-3 0	-19 -19	-21 13	-104 6
China India	112 127	0	-5 -5	3 -8	3 -22
Indonesia	155	0	-17	-3	-72 -72
R Volatilty indicators (%)	isk indicators	Daily	Weekly	Monthly	YTD
VIX	13	6.7	3	-15	-6
VST OXX EM EFT volatility Index	17 19	1.9 -0.9	-11 -7	-20 -28	-5 -15
Dollar/euro volatility	10	1.3	-1	9	- 4
EM FX volatility index Credit spread (BAA) (bps)	11 242	2.6 -1.1	4	9 -17	-1 -81
US bonds volatility index	76	3.3	-5	-9	11
US	level 76	Daily -0.1	Weekly -3	Monthly 4	YTD 1
EZ UK	124 95	2.6 -0.1	-6 -7	5	41 18
Large Spanish	132	1.2	-9	6	-5
Medium Spanish Corporate 5y CDS (bps) *	156 level	0.1 Daily	-12 Weekly	-8 Monthly	-1 YTD
US Non-financial	182	-0.1	-3	4	- 1
EZ Non-financial UK Non-financial	104 126	2.6 0.0	-6 -2	5 -9	41 -66
Interbank m		anges in b	0)		
EONIA Index	-0.35	0.00	Weekly 0.0	Monthly 0.0	-0.2
Euribor 3m Euribor 12m	-0.32 -0.08	0.00	0.0	0.0	-0.2 -0.1
Libor 3m	0.96	0.00	0.0	0.0	0.3
Libor 12m EZTED spread 3m	1.65 61.1	0.00	0.0	0.1 4.3	0.5 20.3
	ck markets (0.0	4.5	20.5
	level	Daily	Weekly	Monthly	YTD
Main indices S&P500	2.256	-0.2	2.3	4	10
S&P500 Dow Jones Nikkel	19,779 19,155	0.2 0.1 0.8	2.3 2.9 4.8	5	14
S&P500 Dow Jones Nikkel FTSE 100	19,779 19,155 6,890	-0.2 0.1 0.8 -0.9	2.3 2.9 4.8 2.1	5 10 1	14
S&P500 Dow Jones Nikkel FTSE 100 EuroStoxx 50 IBEX	19,779 19,155 6,890 3,199 9,186	-0.2 0.1 0.8 -0.9 0.0	2.3 2.9 4.8 2.1 4.8 6.0	5 10 1 5	14 1 10 -2 -4
S&P500 Dow Jones Nikkei FTSE 100 EuroStoxx 50	19,779 19,155 6,890 3,199 9,186 11,190 4,761	-0.2 0.1 0.8 -0.9 0.0	2.3 2.9 4.8 2.1 4.8 6.0 4.7	5 10 1 5	14 1 10 -2
SAP500 Dow Jones Nikkel FTSE 100 EuroStoxx 50 IBEX DAX CAC	19,779 19,155 6,890 3,199 9,186 11,190 4,761 18,370	-0.2 0.1 0.8 -0.9 0.0 0.2 -0.1 -0.1 0.4	2.3 2.9 4.8 2.1 4.8 6.0 4.7 4.1 7.7	5 10 1 5 5 5 5	14 1 10 -2 -4 4
SAP500 Dow Jones Naked FTSE 100 EuroStoxx 50 IBEX DAX CAC ACAC MBB MB ASE Athens	19,779 19,155 6,890 3,199 9,186 11,190 4,761 18,370 640 72,978	0.2 0.1 0.8 -0.9 0.0 0.2 -0.1 -0.1 0.4 0.0 0.3	2.3 2.9 4.8 2.1 4.8 6.0 4.7 4.1 7.7 3.2 1.9	5 10 1 5 5 5 5 9 9	14 1 10 -2 -4 4 3 -14 1
SAPSOO Dow Jones Nikkel FISE 100 EuroStoxx 50 BIBCX DAX CAC MIB MSC Latan* Ibovespa (Brazib)	19,779 19.155 6.890 3.199 9.186 11.190 4.761 18.370 640 72.978 59.263 46.913	0.2 0.1 0.8 -0.9 0.0 0.2 -0.1 -0.1 0.4	2.3 2.9 4.8 2.1 4.8 6.0 4.7 4.1 7.7 3.2 1.9 -1.0 4.4	5 10 1 5 5 5 5 5 9 9 -3 -3 4	14 1 10 -2 -4 4 3 -14 1 23 37 9
S&PS00 Down Jones Nikket FFES 100 EuroStoux 50 BIBX DAX CAC MIB MSC LALam * Ibioverpa (Raziz) ModOd ModOd ModOd	19,779 19.155 6.890 3.199 9.186 11,190 4.761 18.370 640 72,978 59.263 46,913 4.874	0.2 0.1 0.8 -0.9 0.0 0.2 -0.1 -0.1 0.4 0.0 0.3 -2.0 0.0	2.3 2.9 4.8 2.1 4.8 6.0 4.7 4.1 7.7 3.2 1.9 4.4 3.8	5 10 1 5 5 5 5 5 5 9 9 9 -3 4 8	14 1 10 -2 -4 4 3 -14 1 23 37 9
\$46900 Dow Jones Nötel 175E:100 Dow Jones Nötel 175E:100 DAX CAC AC	19,779 19,155 6,890 3,199 9,186 11,190 4,761 18,370 640 72,978 59,263 46,913 4,874 1,883 2,227	0.2 0.1 0.8 -0.9 0.0 0.2 -0.1 -0.1 0.4 0.0 0.3 -2.0 0.0 0.4 -0.9	2.3 2.9 4.8 2.1 4.8 6.0 4.7 4.1 7.7 3.2 1.9 4.0 4.3 8 2.0 3.2	5 10 1 5 5 5 5 5 5 9 9 -3 -3 4 8 5	14 1 10 -2 -4 4 3 -14 1 23 37 9 15 1
SAPSOO Dow Jones Nikkel FFSE TIO EuroStoon SO BEEX MARINE BEEX ACA CAC MARINE MSG Latam* Bloveraga Genzöl Mostol Marine MsG Let Lettope MsG Lettope Ms	19,779 19,155 6,890 3,199 9,186 11,190 4,761 18,370 640 72,978 59,263 46,913 4,874 1,883	0.2 0.1 0.8 -0.9 0.0 0.2 -0.1 -0.1 0.4 0.0 0.3 -2.0 0.0 -0.4 -0.9	2.3 2.9 4.8 2.1 4.8 6.0 4.7 4.1 7.7 3.2 1.9 -1.0 4.4 3.8 2.0 3.2 3.6	5 10 1 5 5 5 5 5 5 9 9 -3 -4 8 5	14 1 10 -2 -4 4 3 -14 1 23 37 9 15
SAPPSO Dow Jones Niked N	19,779 19,155 6,890 3,199 9,186 11,190 4,761 18,370 640 72,978 59,263 46,913 4,874 1,883 2,227 76,240 706	0.2 0.1 0.8 -0.9 0.0 0.2 -0.1 0.4 0.0 0.3 -2.0 0.0 0.4 -0.9 0.8 0.7 -0.4 -0.9 0.8	2.3 2.9 4.8 6.0 4.7 4.1 7.7 3.2 1.9 4.0 4.3 8 2.0 3.2 3.6 4.7 1.0 4.8 4.1 1.0 4.1 1.0 4.1 1.0 4.1 1.0 4.1 1.0 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1	5 10 1 5 5 5 5 5 9 9 -3 -3 4 8 5 9 0 1	14 1 10 -2 -4 4 3 -14 1 23 37 9 15 1 26 6 7
SAPPSO Down Jones Nikote FFEE TOO SE Nikote DOWN JONES NIKOTE DOWN JONES DOWN	19,779 19,155 6,890 3,199 9,186 11,190 4,761 18,370 640 72,978 59,263 46,913 4,874 1,883 2,227 76,240 706	0.2 0.1 0.8 -0.9 0.0 0.2 -0.1 0.4 0.0 0.3 -2.0 0.0 0.4 -0.9 0.8 0.7 -0.4 -0.9 0.8	2.3 2.9 4.8 2.1 4.8 6.0 4.7 4.1 7.7 3.2 1.9 4.4 3.8 2.0 3.2 3.6 1.8	5 10 1 5 5 5 5 5 9 9 -3 -3 4 8 5 9	14 1 10 -2 -4 4 3 -14 1 23 37 9 15 1 26 6
SAPPBO Down Jones Nikel Nikel Nikel Nikel Down Jones Nikel Down Jones Down Down Down Down Down Down Down Down	19,779 19,155 6,890 3,199 9,186 11,190 4,761 18,370 640 72,978 59,263 46,913 4,874 1,883 2,227 76,240 706 3,153 5,308 level	0.2 0.1 0.8 -0.9 0.0 0.2 -0.1 0.4 0.0 0.3 -2.0 0.0 -0.4 -0.9 0.8 -0.9 -0.1 0.0 -0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2.3 2.9 4.8 6.0 4.7 4.1 7.7 3.2 1.9 -1.0 4.4 3.8 2.0 3.2 3.6 1.8 -1.6 1.2 Weekly 3.6	5 10 1 5 5 5 5 5 9 9 -3 -3 4 8 5 9 0 1 1 -1 -2 Monthly 16	14 1 1 10 -2 -4 4 3 -14 1 23 37 15 1 26 6 7 -11 16 8
SAPPSO Down Jones Niked	19,779 19,155 6,890 3,199 9,186 611,190 4,761 18,370 640 72,978 59,263 46,913 4,874 1,883 2,227 76,240 70,6 3,153 5,308 level 117,7 84,7	0.2 0.1 0.8 0.9 0.0 0.2 -0.1 -0.1 0.0 0.3 -2.0 0.0 -0.4 -0.9 0.8 0.7 -0.2 -2.5 0.1	2.3 2.9 4.8 2.1 4.8 6.0 4.7 4.1 7.7 3.2 1.9 4.4 4.3 8 2.0 3.6 1.8 2.0 3.6 1.2 Weekly 3.6 1.2	5 10 1 5 5 5 5 5 9 9 -3 -3 4 8 5 9 0 1 1-1 -2 Monthly 16 11	14 1 1 10 -2 -4 4 3 -14 1 23 37 9 15 1 26 6 7 -11 16 YID 25 28
SAPPSO Down Jones Nikote TFSE TOO S Nikote TFSE TOO S BEX DAX CAC AC	19,779 19,155 6,890 3,199 9,186 611,190 4,761 18,370 640 72,978 59,263 46,913 4,874 1,883 2,227 76,240 706 3,153 5,308 level 117,7	0.2 0.1 0.8 0.9 0.0 0.2 -0.1 0.4 0.0 0.3 -2.0 0.0 0.8 0.7 -0.4 -0.9 0.8 0.7 -0.2 -2.5 0.1	2.3 2.9 4.8 2.1 4.8 6.0 4.7 4.1 7.7 3.2 1.9 1.0 4.4 3.8 2.0 3.2 3.6 1.8 4.1.6 1.2 Weekly 3.6 1.8 3.6 1.8	5 10 1 5 5 5 5 5 5 9 9 -3 -3 4 8 5 9 0 1 -1 -2 Monthly 16 16 16 16 16 16 16 16 16 16 16 16 16	14 1 1 10 2 -4 4 3 -14 1 23 37 9 15 1 26 6 6 7 -11 16 YTD 28
SAPPSO DOWN JONES NINSE	19,779 19,155 6,890 3,199 9,186 611,190 4,761 18,370 640 72,978 59,263 46,913 4,874 1,893 2,227 76,240 706 3,153 5,308 level 117,7 84,7 59,3 2,2,8	0.2 0.1 0.8 0.9 0.0 0.2 0.1 0.1 0.4 0.0 0.3 2.0 0.0 0.4 0.9 0.0 0.2 0.0 0.2 0.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	2.3 2.9 4.8 2.1 4.8 2.1 4.8 6.0 4.7 4.1 7.7 3.2 1.9 4.4 3.8 2.0 3.2 3.6 1.8 -1.6 1.8 3.5 4.6 2.0 4.2	5 10 1 5 5 5 5 5 9 9 -3 -3 4 8 5 9 0 1 1 -1 -2 Monthly 16 11 12 12 13 14 14 15 16 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	14 1 10 -2 -4 4 3 -14 1 1 23 37 9 15 1 26 6 7 -11 16 YTD 25 28 36 35 37
SAPPSO Down Jones Niked	19,779 19,155 6,890 3,199 9,186 611,190 4,761 18,370 640 72,978 59,263 46,913 4,874 1,883 2,227 76,240 706 3,153 5,308 Level 117,7 84,7 59,3 22,8 42,9 238,2 99,5	0.2 0.1 0.8 0.9 0.0 0.1 0.1 0.1 0.4 0.0 0.3 2.0 0.0 0.4 0.0 0.2 0.1 0.1 0.3 0.3 0.2 0.1 0.3 0.2 0.1 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	2.3 2.9 4.8 2.1 4.8 2.1 4.8 6.0 4.7 7.7 3.2 1.9 4.0 4.4 3.8 2.0 3.6 1.2 Weekly 3.6 1.8 3.5 4.6 2.0 4.2 9.6	5 10 1 5 5 5 5 5 9 9 -3 -3 -4 8 5 5 9 0 1 1-1 -2 Monthly 16 11 11 12 12 13 14 14 15 16 16 16 17 17 17 17 17 17 17 17 17 17 17 17 17	14 1 10 2 4 4 3 3-14 1 1 23 37 9 15 1 16 7 7-11 16 YID 25 36 6 7 7-11 16 YID 28 15 15 16 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18
SAPPSO DOWN JONES NINDER THESE TOOL SO NINDER THESE TOOL SO NINDER DAX CAC CAC MISS MISS MISS MISS MISS MISS MISS MIS	19,779 19,155 6,890 3,199 9,186 11,190 4,761 18,370 640 72,978 59,263 46,913 4,874 1,883 2,227 76,240 706 3,153 5,308 1evel 117,7 84,7 59,3 22,88 42,9 238,2 99,5 59,2 11,6	0.2 0.1 0.8 0.9 0.0 0.0 0.1 0.4 0.0 0.3 2.0 0.0 0.4 0.9 0.7 0.1 0.1 0.1 0.1 0.1 0.1 0.0 0.0 0.0 0.0	2.3 2.9 4.8 2.1 4.8 6.0 4.7 7.7 3.2 1.0 4.4 4.1 7.7 3.2 3.6 1.8 3.6 1.2 Weekly 3.6 1.2 4.6 2.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6	5 5 10 1 1 5 5 5 5 9 9 -3 -3 -4 8 5 9 9 0 1 1 -1 -2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	14 1 10 -2 -4 4 3 -14 1 23 37 9 15 1 26 6 7 -41 1 25 3 3 7 -41 1 26 5 7 -7 -41 1 25 3 3 3 4 3 4 3 5 3 5 3 6 3 5 3 5 3 5 3 5 3 5 3 5 3 5
SAEPSO Down Jones Holes	19,779 19,155 6,890 3,199 9,186 11,190 4,761 18,370 640 72,978 59,263 46,913 4,874 1,893 2,227 76,240 706 3,153 5,308 1evel 117,7 59,3 22,8 42,9 238,2 99,5 59,2 11,6 17,3 13,6	0.2 0.1 0.8 0.9 0.0 0.0 0.2 0.1 0.4 0.0 0.3 2.0 0.0 0.4 0.9 0.1 0.4 0.9 0.1 1.4 0.9 0.9 1.4 1.4 0.9 1.4 1.4 0.9 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	2.3 2.9 4.8 2.1 4.8 6.0 4.7 7.7 3.2 2.1 1.9 1.0 3.6 1.8 1.6 1.8 2.0 4.7 3.6 1.8 4.6 1.6 1.8 4.6 1.6 1.8 1.8 1.6 1.6 1.8 1.8 1.6 1.6 1.8 1.8 1.6 1.6 1.8 1.8 1.6 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8	5 5 10 1 1 5 5 5 5 9 9 -3 3 4 4 8 5 5 9 0 1 1-1 2 2 Monthley Monthley 1 1 1 2 2 Monthley 1 1 1 1 1 1 1 1 1 2 1 1 1 1 1 1 1 1 1	14 1 10 -2 -4 4 4 3 3 -14 1 23 37 9 9 15 1 1 26 6 6 7 -11 1 16 25 25 35 35 36 36 36 36 36 36 36 36 36 36 36 36 36
SAPPBO Down Jones Nikel	19,779 19,155 6,890 3,199 9,186 11,190 4,761 18,370 640 72,978 59,263 46,913 2,227 76,240 706 3,153 5,308 level 117,7 84,7 59,3 22,8 42,9 238,2 99,5 59,2 11,6 17,3 13,6 2,3 46,11	0.2 0.1 0.8 0.9 0.0 0.0 0.1 0.1 0.1 0.0 0.0 0.0 0.0 0.0	2.3 2.9 4.8 2.1 4.8 6.0 4.7 7.7 3.2 1.9 1.0 4.4 4.3 3.8 2.0 3.2 2.0 3.2 2.0 4.7 4.1 1.0 4.8 4.8 4.7 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1	5 10 1 5 5 5 5 9 9 -3 -3 -4 8 5 5 9 0 1 1-1 -2 2 13 11 11 11 12 2 13 14 15 16 17 17 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	14 1 10 -2 -4 4 3 3 -14 1 2 2 3 3 7 9 1 5 1 1 6 6 7 -11 1 6 6 7 -11 1 6 8 9 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1
SAPPSO Down Jones Niked 179 E 100 B AND	19,779 19,155 6,890 3,199 9,186 11,190 4,761 18,370 640 72,978 59,263 46,913 4,874 1,883 2,227 76,240 76,240 76,240 75,38 12,28 42,99 117,7 59,3 22,8 42,99 116,6 17,3 13,6 2,3	0.2 0.1 0.8 0.0 0.0 0.0 0.0 0.1 0.1 0.1 0.1 0.0 0.0	2.3 2.9 4.8 2.1 4.8 6.0 4.7 4.1 7.7 7.3 3.2 1.9 9 3.6 1.2 Weekly 3.6 4.2 4.2 4.3 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0	5 10 1 5 5 5 5 5 5 9 9 -3 -3 -4 8 5 9 0 1 1 -1 -2 2 2 7 7 9 9 7 7 9 9 9 9 9 9 9 9 9 9 9	14 1 10 -2 -4 4 3 -14 1 1 23 37 9 15 1 1 26 6 7 -11 1 16 YTD 25 28 35 36 35 36 36 36 36 36 36 36 36 36 36 36 36 36
SAEPSO Down Jones Holes	19,779 19,155 6,890 3,199 9,186 11,190 4,761 18,370 640 72,978 59,263 46,913 4,874 1,883 2,227 76,240 706 3,153 5,308 level 117,7 842,9 238,2 99,5 59,2 11,6 11,6 13,6 2,3 46,1 2,4 83,9 651,8	0.2 0.1 0.0 0.0 0.0 0.2 0.1 0.1 0.1 0.1 0.0 0.3 0.3 0.3 0.3 0.3 0.4 0.9 0.0 0.4 0.9 0.0 0.4 0.9 0.0 0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2.3 2.9 4.8 2.1 4.8 6.0 4.7 4.1 7.7 7.3 2.2 1.9 1.1 2.0 4.4 3.2 3.6 1.2 2.0 4.2 4.5 4.6 5.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6	5 10 1 1 5 5 5 5 9 9 9 3 3 4 8 8 5 9 9 0 1 1 1 1 2 2 13 13 19 9 7 7 9 2 2 5 5 5 15 6 6 6 6 4	14 1 10 -2 -4 4 3 -14 1 23 37 9 15 15 1 26 6 7 7 -11 16 YID 25 35 35 35 35 36 36 37 37 37 37 37 37 37 37 37 37 37 37 37
SAPPSO Down Jones Niked	19,779 19,155 6,890 3,199 9,186 11,190 4,761 18,370 640 72,978 59,263 46,913 4,874 1,883 2,227 76,240 706 3,153 5,308 level 117,7 59,3 22,8 42,9 38,2 238,2 238,2 238,2 238,2 238,2 238,2 238,2 238,2 238,2 238,2 24,3 31,36 13,6 13,6 14,7 17,3 13,6 13,6 13,6 13,6 13,6 13,6 13,6 13	0.2 0.1 0.8 0.9 0.0 0.0 0.2 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	2.3 2.9 4.8 2.1 4.8 6.0 4.7 4.1 7.7 3.2 2.0 1.9 4.4 4.3 3.6 2.0 3.6 5.2 8.1 8.3 9.6 9.6 9.6 9.6 9.6 9.6 9.6 9.6 9.6 9.6	5 10 1 5 5 5 5 9 9 9 3 3 4 8 8 5 9 9 0 1 1 -1 2 2 Monthly 11 11 22 5 5 5 15 6 6 6 4 4 6 6	14 1 10 -2 -4 -4 -4 -3 -3 -14 1 23 37 -9 15 1 26 6 6 7 -4 -4 1 23 37 -7 -4 1 5 5 5 5 5 5 6 6 7 7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7
SAPPSO Down Jones Niked	19,779 19,155 6,890 9,186 6,890 9,186 4,761 11,190 4,761 11,190 4,761 11,190 4,761 11,190 12,978 13,153 13,	0.2 0.1 0.8 0.0 0.0 0.2 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	2.3 2.9 4.8 2.1 4.8 6.0 4.7 4.1 7.7 3.2 2.1 1.9 4.4 3.8 3.2 2.0 3.2 3.2 3.6 1.8 3.6 1.2 4.1 3.6 5.7 1.1 1.0 4.7 1.1 1.0 4.7 1.1 1.0 4.7 1.0 4.1 1.0 4.1 1.0 4.1 1.0 4.1 1.0 4.1 1.0 4.1 1.0 4.1 1.0 4.1 1.0 4.1 1.0 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1	5 10 1 1 5 5 5 5 9 9 3 3 4 8 8 5 5 9 9 0 1 1 1 1 2 2 1 3 1 3 1 9 9 7 7 9 2 2 5 5 5 1 5 6 6 4 4 6 6 1 3 3 3 3 3 3	14 1 10 -2 -4 4 4 3 -14 1 23 37 9 15 1 16 7 7 7 7 7 7 7 7 7 7 11 16 15 25 36 37 37 37 37 37 37 37 37 37 37
SAPPSO DOWN JONES NINSE	19,779 19,155 6,890 9,186 6,890 9,186 6,476 11,190 11,190 12,190	0.2 0.1 0.8 0.0 0.0 0.2 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	2.3 2.9 4.8 6.0 4.7 4.1 4.7 7.7 3.2 2.0 3.2 4.4 4.3 3.8 1.2 1.0 9.6 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8	5 10 1 1 5 5 5 5 9 9 9 3 3 3 4 4 8 5 9 9 0 1 1 16 11 11 12 2 13 13 19 9 7 7 9 22 5 5 5 15 6 6 6 4 4 6 13 3 3 8 8 10	141 1102-2 -444 3 3-144 1 23 377 9 9 15 1 1 26 6 6 7 7 7 7 7 7 7 7 7 7 7 16 15 28 35 35 32 28 15 36 35 32 28 15 36 23 10 24 24 22 29 4 4 6 6 0 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
SAPPSO Down Jones Nikele Nikel	19,779 19,155 6,890 9,186 6,890 9,186 6,890 11190 12,978 4,874 1,883 1,227 6,240 117,7 6,2	0.2 0.1 0.8 0.9 0.0 0.0 0.0 0.1 0.1 0.1 0.1 0.1 0.1 0.1	2.3 2.9 4.8 6.0 4.7 1.7 7.7 2.1.9 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	5 10 1 1 5 5 5 5 9 9 9 -3 3 4 8 8 9 0 1 -1 -2 2 13 3 19 9 7 7 9 2 2 5 5 5 15 6 6 6 6 4 6 6 13 3 3 8 8 10 5 5	141 110 -2-4 4 4 3 3 -144 1 1 23 37 9 5 15 16 6 6 7 7-11 166 25 32 8 8 15 32 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
SAPPSO Down Jones Nikote Nikot	19,779 19,155 6,890 19,186 6,890 19,186 11,190 12,978 14,671 19,190 12,978 14,671 19,190 11,190 12,978 14,1883 11,190 11,	0.2 0.1 0.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2.3 2.9 4.8 6.0 4.7 1.7 7.2 1.9 1.0 4.4 1.1 7.7 2.2 1.9 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	5 10 1 1 5 5 5 5 9 9 9 -3 3 4 8 8 5 9 9 0 1 -1 -2 2 13 3 19 9 7 7 9 2 2 5 5 5 15 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	141 110 -2 -4 -4 -4 -3 -14 -1 123 -37 -9 -15 -1 126 -6 -7 -7 -111 -16 -7 -111 -16 -7 -112 -8 -15 -13 -10 -24 -16 -10 -27 -39 -4 -16 -7 -5 -13 -13 -10 -7 -5 -13 -10 -7 -5 -13 -10 -10 -10 -10 -10 -10 -10 -10 -10 -10
S.6PS00 Down Jones Holes	19,779 19,155 6,889 19,189 19,	0.2 0.1 0.8 0.9 0.0 0.2 0.1 0.1 0.8 0.2 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	2.3 2.9 4.8 2.1 4.8 6.0 4.7 1.7 7.2 2.1 1.9 4.4 4.4 3.2 3.6 6.0 4.7 1.0 4.4 4.1 1.0 4.7 1.0 4.0 1.0 4.0 1.0 4.0 1.0 4.0 1.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4	5 10 1 1 5 5 5 5 9 9 9 -3 4 8 8 5 5 9 9 0 1 1 -1 1 2 2 13 13 19 9 7 7 9 9 2 2 2 5 5 6 6 6 4 6 6 6 13 3 8 8 10 5 8	14 11 10 -2 -4 -4 -4 -4 -4 -4 -1 -2 -3 -3 -7 -1 -1 -1 -1 -2 -5 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3
SAPPSO Down Jones Niked	19,779 19,155 6,899 19,156 6,899 21,166 21,166 21,167 21,1	0.2 0.1 0.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2.3 2.9 4.8 6.0 4.7 4.1 7.7 1.9 9.6 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	5 10 10 11 1 5 5 5 5 5 9 9 9 0 3 3 4 8 8 5 9 9 0 1 1 -2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 3 3 4 9 0 1 1 1 2 2 2 2 2 2 2 2 2 3 3 4 9 0 1 1 1 2 2 2 2 2 2 2 2 3 3 1 9 9 9 7 9 9 2 2 2 5 5 5 5 1 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6	144 1 1 100 2 2 4 4 3 3 -144 1 1 23 37 9 15 16 6 7 7 -11 26 6 7 7 -25 38 35 32 4 22 4 4 6 0 7 7 -5 -13 0 6 -63 -15
SAEPSO Down Jones Noted Noted Noted Noted Noted Noted Noted Down Jones Noted Down Jones	19,779 19,155 6,8890 19,155 6,8890 11,1500 11,	0.2 0.1 0.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2.3 2.9 4.8 2.1 4.8 6.0 4.7 4.1 7.7 3.2 1.9 2.0 4.4 4.1 3.3 3.6 5.0 1.8 1.2 2.0 4.2 4.2 4.2 4.1 1.2 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1	5 10 10 1 5 5 5 5 9 9 9 -3 -3 4 8 8 5 9 9 0 1 1 -1 2 2 1 1 1 1 1 2 2 1 2 1 3 1 1 9 9 7 7 9 9 2 2 2 5 5 5 6 6 6 4 4 6 6 1 3 3 3 8 8 10 5 5 8 8 10 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	144 1 1 100 2 2 -4 4 4 4 3 3 -4 4 1 1 1 2 3 3 7 3 7 5 5 3 2 2 -8 3 1 3 6 6 2 3 3 2 2 4 4 6 6 7 7 7 5 -1 3 1 0 0 6 3 3 6 6 7 7 7 5 -1 3 1 0 0 6 6 3 7 7 5 -1 3 1 0 0 6 3 3 5 6 6 7 7 7 5 -1 3 3 0 6 6 7 7 7 5 -1 3 1 0 0 6 3 3 5 6 7 7 7 5 -1 3 3 0 6 6 7 7 7 5 -1 3 3 0 6 6 7 7 7 5 -1 3 3 0 6 6 7 7 7 5 -1 3 7 7 5 -1 3 7 7 7 5 -1 3 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
SAPPSO Down Jones Noted	19,779 19,155 6,890 19,155 6,890 11,1	0.2 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2.3 2.9 4.8 2.1 4.8 6.0 4.7 4.7 4.7 4.8 3.6 1.8 2.0 3.2 3.6 1.8 3.5 1.2 1.6 5.7 1.1 5.0 6.5 6.5 6.5 6.5 6.5 6.5 6.5 6.5 6.6 6.5 6.6 6.5 6.6 6.5 6.6 6.6	5 10 10 15 5 5 5 5 9 9 9 0 13 3 4 4 8 5 9 0 1 11 12 2 13 13 19 9 7 7 9 2 2 2 5 5 5 5 15 6 6 6 6 6 6 13 3 8 8 10 5 8 8 11 1 6 6 6 6 6 6 13	144 1 100 -2 -4 4 3 3-144 1 23 377 9 15 1 26 6 7 -111 16 7 -25 38 15 36 35 32 -8 15 36 35 32 -8 16 -7 -11 -16 -17 -17 -17 -17 -17 -17 -17 -17 -17 -17
SAPPSO Down Jones Need Need Need Need Need Need Need Ne	19,779 19,155 6,890 19,155 6,890 11,100 11,1	0.2 0.1 0.8 0.9 0.0 0.2 0.1 0.2 0.2 0.1 0.2 0.1 0.4 0.1 0.5 0.2 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	2.3 2.9 4.8 2.1 4.8 6.0 4.7 4.7 4.7 4.8 3.6 6.0 1.9 3.2 2.0 3.2 3.6 1.8 3.5 1.2 6.5 1.9 1.0 3.6 6.5 1.2 6.5 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8	5 10 10 15 5 5 5 5 9 9 9 3 3 4 4 8 5 5 9 9 0 1 1 -1 -2 13 1 11 11 11 11 11 12 2 13 13 19 9 9 7 7 9 9 22 5 5 5 15 6 6 6 4 6 6 13 3 3 8 8 10 5 5 8 11 1 6 6 6 6 6 13 13 1 11 6 6 6 6 6 13 13 1 11 6 6 6 6	114 1 1 10 0 2 4 4 4 1 1 23 37 9 15 1 26 6 7 7 -11 16 7 25 38 15 36 35 32 4 26 27 29 4 -16 6 7 7 -5 -13 36 6 6 7 7 -11 16 7 -11 17 -2 -14
SAEPSOO Down Jones Noted Noted Noted Noted Noted Noted Noted Down Jones Noted Noted Down Jones Noted N	19,779 19,155 6,899 11,190 11,	0.2 0.1 0.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2.3 2.9 4.8 2.1 4.8 6.0 4.7 7.7 7.2 1.0 1.0 1.0 3.2 2.0 4.4 3.8 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6	5 10 10 15 5 5 5 5 9 9 9 3 3 4 4 8 5 5 9 9 0 1 1 -1 -2 2 2 2 2 13 19 9 9 2 2 2 2 5 5 6 6 6 6 6 13 3 8 10 5 8 8 11 1 6 6 6 6 6 6 13 3 Monthly 16 6 6 6 6 13 3 Monthly 2.27	144 1 1 1 1 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 Down Jones Noted Down Jones Down Jones Noted Note	19,779 19,155 6,890 19,155 6,890 11,1	0.2 0.9 0.0 0.4 0.9 0.0 0.0 0.7 0.2 0.5 0.6 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2.3 2.9 4.8 4.0 4.1 4.1 3.2 4.1 1.9 4.1 3.8 3.6 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1	5 10 10 15 5 5 5 9 9 9 3 3 4 4 8 8 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	144 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPPSO Down Jones Niked	19,779 19,155 6,890 19,155 6,890 11,1	0.2 0.9 0.0 0.2 0.1 0.2 0.2 0.1 0.2 0.2 0.1 0.1 0.2 0.2 0.1 0.1 0.2 0.2 0.1 0.1 0.2 0.2 0.2 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	2.3 2.9 4.8 2.9 4.8 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0	5 5 10 1 1 5 5 5 5 9 9 9 3 3 4 4 8 8 6 10 1 1 -1 2 2 13 19 9 7 7 9 22 2 5 5 5 15 6 6 6 4 6 6 13 3 3 8 8 10 5 5 8 8 10 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	144 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAEPSOO Down Jones Index Index Index Index Index	19,779 19,155 6,8990 11,190 6,8990 11,190 11	0.2 0.3 0.9 0.0 0.4 0.0 0.5 0.5 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	2.3 2.9 4.8 4.8 2.1 4.8 2.1 4.8 4.7 4.7 7.7 3.2 2.1 1.9 2.0 3.6 2.0 3.6 2.0 3.6 2.0 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6	5 10 1 1 5 5 5 5 9 9 9 3 3 3 4 8 5 9 9 0 1 1 -1 2 2 2 1 1 6 6 6 6 6 6 6 6 6 6 6 6 6 6	144 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPPSO Down Jones Noted	19,779 19,155 6,890 19,155 6,890 11,1	0.2 0.5 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	2.3 2.9 4.8 4.9 4.0 4.7 4.1 4.7 4.1 3.2 4.7 4.1 3.3 3.6 3.6 3.8 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	5 10 11 5 5 5 5 5 9 9 9 3 3 4 8 8 5 9 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	144 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPPSO Down Jones Niked	19,779 19,155 6,8990 11,190 11	0.2 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	2.3 2.9 4.8 4.0 4.0 4.7 4.1 7.7 3.2 4.0 4.0 4.7 4.1 1.0 4.0 4.7 4.1 1.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4	5 10 1 1 5 5 5 5 9 9 9 3 3 3 4 8 8 5 9 9 0 1 1 -1 21 2 13 19 9 9 7 7 9 22 2 13 19 19 9 7 7 9 10 10 10 10 10 10 10 10 10 10 10 10 10	144 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPPSO Down Jones I Novel I No	19,779 19,155 6,8990 11,190 6,8990 11,190 11	0.2 0.3 0.4 0.9 0.9 0.2 0.2 0.1 0.1 1.1 1.8 0.5 0.2 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	2.3 2.9 4.8 4.0 4.7 4.1 4.1 4.7 4.1 3.2 2.0 4.8 2.0 3.6 1.8 3.8 2.0 2.0 4.7 4.1 1.8 3.6 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8	5 10 1 1 5 5 5 5 5 9 9 9 3 3 4 4 8 5 9 9 9 1 4 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	144 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPPSO Down Jones Noted Noted Noted Noted Noted Noted Dox CAC CAC MIEX DAX CAC CAC MIEX DAX CAC CAC MISSING MISCI Malers MSCI Edward MSCI Malers MSCI Malers MSCI Malers MSCI Malers MSCI Malers Noted Mobiol	19,779 19,155 6,890 19,155 6,890 11,1	0.2 0.5 0.1 0.6 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2.3 2.9 4.8 4.0 4.7 4.1 4.1 4.7 7.7 3.2 3.6 1.2 3.6 1.2 4.6 3.6 1.2 1.6 3.5 1.2 1.6 3.6 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1	5 10 1 1 5 5 5 5 5 9 9 9 3 3 4 4 8 5 9 9 9 1 4 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	144 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPPSO Down Jones Niked	19,779 19,155 6,8990 11,190 6,8990 11,190 11	0.21 0.81 0.81 0.82 0.92 0.93 0.90 0.90 0.90 0.90 0.90 0.90 0.90	2.3 2.9 4.8 4.7 4.1 4.1 4.7 4.1 4.7 7.7 7.7 7.1 1.0 4.4 4.7 4.1 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	5 10 1 1 5 5 5 5 5 5 9 9 9 3 3 4 4 8 5 5 9 9 9 9 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1	144 1 1 1 2 3 3 7 1 5 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5
SAPPSO Down Jones I Novel I No	19,779 19,155 6,8990 11,190 6,8990 11,190 11	0.21 0.88 0.10 0.01 0.02 0.02 0.03 0.04 0.04 0.03 0.04 0.05 0.07 0.07 0.07 0.07 0.07 0.07 0.07	2.3 2.9 4.8 4.6 4.6 4.7 4.1 4.7 7.7 7.7 3.9 2.0 4.8 3.6 3.8 3.8 3.6 3.8 3.8 3.6 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8	5 10 1 1 5 5 5 9 9 9 3 3 4 4 8 5 9 9 0 1 1 1 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1	144 1 1 1 2 2 4 4 4 4 3 3 7 7 7 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5
SAPPSO Down Jones Noted	19,779 19,155 6,899 19,186 6,11,190 1,1196 11,190 1,1196 11,190 1,196 11,190 1,196 11,190 1,196 11,190 1,196 11,190 1,196 11,190 1,196 1,1	0.21 0.81 0.81 0.81 0.82 0.91 0.91 0.91 0.91 0.91 0.91 0.91 0.91	2.3 2.9 4.8 4.6 4.6 4.7 4.1 7 4.1 7 4.1 7 4.1 7 4.1 7 4.1 7 4.1 7 6.5 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7	5 10 1 1 5 5 5 5 9 9 9 3 3 4 8 8 8 8 1 1 1 6 6 6 6 1 3 3 3 3 8 8 8 8 1 1 6 6 6 6 1 3 1 3 1 3 1 1 1 1 1 1 1 1	114 1 1 10 2 4 4 3 3 4 14 1 23 37 37 15 1 26 6 7 7 11 23 38 31 39 10 31 30 4 31 31 31 32 32 32 32 32 32 32 33 34 4 4 31 31 31 31 42 43 43 44 43 43 44 43 43 44 43 43 44 43 43
SAPPOO Down Jones Need Need Need Need Need Need Need Ne	19,779 19,155 6,8990 11,190 11	0.21 0.81 0.81 0.82 0.92 0.93 0.93 0.94 0.94 0.95 0.96 0.97 0.97 0.97 0.97 0.97 0.97 0.97 0.97	2.3 2.9 4.8 4.9 4.8 4.0 4.7 4.1 7.7 7.3 3.2 2.0 4.8 4.0 4.7 4.1 3.8 3.6 1.8 3.6 3.6 1.8 3.6 1.8 3.6 1.8 3.6 1.8 3.6 1.8 3.6 1.8 3.6 1.8 3.6 1.8 3.6 1.8 3.6 1.8 3.6 1.8 3.6 1.8 3.6 1.8 3.6 1.8 3.6 1.8 3.6 3.6 1.8 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6	5 10 1 1 5 5 5 9 9 9 3 3 4 4 8 5 9 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	144 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPPOO Down Jones Noted DAX CAC CAC CAC CAC CAC CAC CAC CAC CAC C	19,779 19,155 6,899 19,186 6,11,190 1,1196 11,190 1,1196 11,190 1,196 11,190 1,196 11,190 1,196 11,190 1,196 11,190 1,196 11,190 1,196 1,1	0.21 0.81 0.81 0.81 0.80 0.90 0.90 0.90 0.90 0.90 0.90 0.90	2.3 2.9 4.8 4.6 4.6 4.7 4.1 7 4.1 7 4.1 7 4.1 7 4.1 7 4.1 7 4.1 7 4.1 7 6.5 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7	5 10 1 1 1 5 5 5 5 5 5 5 5 1 1 1 1 1 2 1 2 2 2 5 5 5 5	144 1 1 10 2 2 4 4 4 4 4 4 4 4 1 1 1 1 1 1 1 1 1 1
SAPPOO Down Jones Noted Noted Noted Noted Noted Noted Noted Noted Noted DAX CAC CAC CAC CAC CAC CAC CAC CAC CAC C	19,779 19,155 6,890 19,155 6,890 11,1	0.21 0.81 0.81 0.81 0.82 0.82 0.83 0.83 0.83 0.83 0.83 0.83 0.83 0.83	2.3 2.9 4.8 4.9 4.8 4.6 4.7 4.1 7 4.1 7 4.1 7 4.1 7 4.1 7 6.5 6.6 7 6.7 6.7 6.7 6.7 6.7 6.7 6.7 6.7 6	5 10 10 1 5 5 5 5 9 9 3 3 3 4 8 5 9 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	144 1 1 1 1 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	19,779 10,155 6,8990 11,190 11	0.21 0.81 0.81 0.82 0.92 0.93 0.93 0.94 0.93 0.93 0.93 0.93 0.93 0.93 0.93 0.93	2.3 2.9 4.8 4.9 4.8 4.0 4.7 4.1 7.7 7.1 7.1 7.1 7.2 3.8 3.6 4.6 2.0 3.8 3.6 4.6 2.0 3.8 4.6 1.8 3.8 3.6 1.8 3.8 3.6 1.8 3.8 3.6 1.8 3.8 3.6 1.8 3.8 3.6 1.8 3.8 3.6 1.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3	5 10 10 1 5 5 5 5 5 5 5 5 6 6 6 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	144 1 1 100 2 4 4 4 3 4 4 4 3 4 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	19,779 19,155 6,890 19,155 6,890 11,1	0.21 0.30 0.30 0.30 0.30 0.30 0.30 0.30 0.3	2.3 2.9 4.8 4.6 4.6 4.7 4.1 4.7 4.1 4.7 4.1 4.7 4.1 4.7 4.1 4.7 4.1 4.7 4.1 4.7 4.1 4.7 4.1 4.7 4.1 4.7 4.1 4.7 4.1 4.7 4.1 4.7 4.1 4.7 4.1 4.7 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1	5 10 1 1 1 5 5 5 5 5 5 5 5 1 1 1 1 2 1 2 1 2	144 1 1 1 1 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	19,779 10,155 6,8990 11,190 11	0.21 0.81 0.81 0.82 0.92 0.93 0.93 0.94 0.93 0.93 0.93 0.93 0.93 0.93 0.93 0.93	2.3 2.9 4.8 4.9 4.8 4.0 4.7 4.1 7.7 7.1 7.1 7.1 7.2 3.8 3.6 4.6 2.0 3.8 3.6 4.6 2.0 3.8 4.6 1.8 3.8 3.6 1.8 3.8 3.6 1.8 3.8 3.6 1.8 3.8 3.6 1.8 3.8 3.6 1.8 3.8 3.6 1.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3	5 10 10 1 5 5 5 5 5 5 5 5 6 6 6 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	144 1 1 100 2 4 4 4 3 4 4 4 3 4 1 1 1 1 1 1 1 1 1 1 1





Debt markets	(10Y.%.d	anges in t	(OD)		
Developed Markets US (2-γr)	level 1.14	Daily 0.4	Week	Month 22	YTD 9
US GER (2-yr)	2.48	1.1	1.7 8.4 -3.8	33	21 -40
Germany France	0.40	3.4	6.6	13 19	-23 -12
Spain	1.50	5.5 -1.5	7.8 -5.3	11	-27
Italy Portugal	2.00 3.83	-4.5 -1.6	1.1 12.8	10 43	40 132
Greece Japan (2-yr)	6.72 -0.18	2.5	18.4	-53 7	-156 -17
Japan Emerging Markets	0.09	-0.1 4.7 Daily	-0.1 12.5 Weekly	-18 Monthly	-17 -18 YTD
Brazil	11.94	5.4	-12.8	-4	-458
Chile Colombia	4.45 7.27	1.0	-14.8 -9.2	-31	-23 -139
Mexico Peru	7.31 6.28	0.0	0.4 -6.5	24 56	105 -119
Poland Russia	3.64 8.51	2.8	-12.7 -25.9	31	70 -104
Turkey	11.19	16.0	10.0	85	-104 72 -132
India Indonesia	6.44 7.66	0.0	-40.2	-22 18	-132 -108
Country ri	sk (bp, chang	es in bp)			
Developed Markets 10-yr sovereign spread vs Germany	level	Daily	Weekly	Monthly	YTD
France Italy	47 160	2.1	1.2 -5.5	-3	11 63
Portugal	343	-7.9 -5.0	6.2	31	155
Spain 2-yr so vereign spread vs Germany	110	-4.9	-11.9	-2	-4
France	14	0.2	2.6	11	11
Italy Portugal	63 97	-2.9 -4.3	-12.9 -5.6	-2 0	32 52
Spain	46	-4.5 Daily	-10.5 Weekly	0 Monthly	11 YTD
Emerging Markets 5-yr sovereign CDS *	ievei	Daily	weekiy		
Brazil Chile	287 78	2	-22 -8	17 -17	-205 -49
Colombia	169	2	-22	-7	-70
Mexico Peru	160 108	2	-22 -13	-1 0	-10 -77
Venezuela	3,876	76	-482	369	-2168
Poland Russia	79 197	-3	-4 -19	0 -21	7 -104
Turkey	279 112	0	-19 -5	13	6
China India	127	0	-5	-8	-22
Indonesia	155 sk indicators	0	-17	-3	-72
Volatilty indicators (%)	level	Daily	Weekly	Monthly	YTD
VIX VSTOXX	13 17	6.7 1.9	3 -11	-15 -20	-6 -5
EM EFT volatility Index	19	-0.9	-7	-28	-15
Dollar/euro volatility EM FX volatility index	10 11	1.3 2.6	-1 4	9	- 4
Credit spread (BAA) (bps)	242	-1.1	1	-17	-81
US bonds volatility index Banking 5 y CDS (bps) *	76 level	3.3 Daily	-5 Weekly	-9 Monthly	11 YTD
US EZ	76 124	-0.1	-3 -6	4 5	1 41
UK	95	2.6 -0.1	-7	4	18
Large Spanish Medium Spanish	132 156	1.2 0.1	-9 -12	-8	-5 -1
Corporate 5y CDS (bps) *	level	Daily	Weekly	Monthly	YTD
US Non-financial EZ Non-financial	182 104	-0.1 2.6	-3 -6	4 5	1 41
UK Non-financial	126	0.0	-2	-9	-66
Interbank ma	irkets (%, chi	inges in b Daily	p) Weekly	Monthly	YTD
EONIA Index	-0.35	0.00	0.0	0.0	-0.2
Euribor 3m Euribor 12m	-0.32 -0.08	0.00	0.0	0.0	-0.2 -0.1
Libor 3m	0.96	0.00	0.0	0.1	0.3
Libor 12m EZ TED spread 3m	1.65 61.1	1.50	0.0	0.1 4.3	0.5 20.3
Sto	ck markets ((6)			
Main indices	level	Daily	Weekly	Monthly	YTD
S&P500 Dow Jones	2,256 19,779	-0.2 0.1	2.3 2.9	4 5	10
Nikkei	19,155	0.8	4.8	10	- 1
FTSE 100 EuroStoxx 50	6,890 3,199	-0.9 0.0	2.1 4.8	1 5	10 -2
IBEX	9.186	0.2	6.0	5	-4
	3.100				
DAX	11,190 4.761	-0.1 -0.1	4.7 4.1	5	3
DAX CAC MIB	11,190 4.761 18.370	-0.1 0.4	4.7 4.1 7.7	5 9	-14
DAX CAC MIB ASE Athens MSCI Latam *	11,190 4,761 18,370 640 72,978	-0.1 0.4 0.0 0.3	4.7 4.1 7.7 3.2 1.9	5 9 9 -3	3 -14 1 23
DAX CAC CAC MIB ASE Athens MSCI Latam * Illumotool Mexcool	11,190 4.761 18,370 640	-0.1 0.4 0.0	4.7 4.1 7.7 3.2	5 9 9	3 -14 1
DAX CAC GAC MIS Athens MSCI Latam * Ibovespa (Brazil) Mecbol MSCI El Europe *	11,190 4,761 18,370 640 72,978 59,263 46,913 4,874	-0.1 0.4 0.0 0.3 -2.0 0.0 -0.4	4.7 4.1 7.7 3.2 1.9 -1.0 4.4 3.8	5 9 9 -3 -3 4	3 -14 1 23 37 9 15
DAX CAC MIB MSC Athens MSCI Latam * Ibovespa (Brazil) Mexbol Mexbol Mexbol Mex (Russia)	11,190 4,761 18,370 640 72,978 59,263 46,913 4,874 1,883	-0.1 0.4 0.0 0.3 -2.0 0.0 -0.4 -0.9	4.7 4.1 7.7 3.2 1.9 -1.0 4.4	5 9 9 -3 -3 4	3 -14 1 23 37 9
DAX CAC ASE Athens MSC Latam* Bovepag Bazzi Bovepag Bazzi Mscbol MSC EM Europe* Poland Micsc (Russia) Ises 100 (Turkey)	11,190 4,761 18,370 640 72,978 59,263 46,913 4,874 1,883 2,227 76,240	-0.1 0.4 0.0 0.3 -2.0 0.0 -0.4 -0.9 0.8 0.7	4.7 4.1 7.7 3.2 1.9 -1.0 4.4 3.8 2.0 3.2 3.6	5 9 -3 -3 4 8 5 9	3 -14 1 23 37 9 15 1 26 6
DAX CAC GAC MMI ASSC Attents MSC Latam* MSC ID Moreys Ginarib Moctod Hurope - Pockari Mick (Ruspe) MSC IDM Asia* Shanglat Com (China)	11,190 4,761 18,370 640 72,978 59,263 46,913 4,874 1,883 2,227 76,240 706 3,153	-0.1 0.4 0.0 0.3 -2.0 0.0 -0.4 -0.9 0.8 0.7 -0.2 -2.5	4.7 4.1 7.7 3.2 1.9 -1.0 4.4 3.8 2.0 3.2 3.6 1.8 -1.6	5 9 9 -3 -3 4 8 5 9 0 1	3 -14 1 23 37 9 15 1 26 6 7
DAX CAC GAC MIS MSC Istam* blooveps disarb Metod	11,190 4,761 18,370 640 72,978 59,263 46,913 4,874 1,883 2,227 76,240 706	-0.1 0.4 0.0 0.3 -2.0 0.0 -0.4 -0.9 0.8 0.7 -0.2	4.7 4.1 7.7 3.2 1.9 -1.0 4.4 3.8 2.0 3.2 3.6 1.8	5 9 9 -3 -3 4 8 5 9 0	3 -14 1 23 37 9 15 1 26 6 7 -11
DAX CAC MIB MSC IAIM* MSC	11,190 4,761 18,370 640 72,978 59,263 46,913 4,874 1,883 2,227 76,240 706 3,153 5,308 level 117,7	-0.1 0.4 0.0 0.3 -2.0 0.0 -0.4 -0.9 0.8 0.7 -0.2 -2.5 0.1 Daily -1.4	4.7 4.1 7.7 3.2 1.9 -1.0 4.4 3.8 2.0 3.2 3.6 1.8 -1.6 1.2 Weekly 3.6	5 9 9 -3 -3 4 8 5 9 0 1 -1 -2 Monthly 16	3 -14 1 23 37 9 15 1 26 6 7 -11 16 YTD
DAX CAC MIB MSC Latam * MSC Latam * MSC Latam * Motod Metod Motod	11,190 4,761 18,370 640 72,978 59,263 46,913 4,874 1,883 2,227 76,240 706 3,153 5,308 level 117,7 84,7	-0.1 0.4 0.0 0.3 -2.0 0.0 -0.4 -0.9 0.8 0.7 -0.2 -2.5 0.1 Daily -1.4 -0.9	4.7 4.1 7.7 3.2 1.9 -1.0 4.4 3.8 2.0 3.2 3.6 1.8 -1.6 1.2 Weekly 3.6 1.8	5 9 9 -3 -3 4 8 5 9 0 1 -1 -2 Monthly	3 -14 1 23 37 9 15 1 26 6 7 -11
DAX CAC MID	11,190 4,761 18,370 640 72,978 59,263 46,913 4,874 1,883 2,227 76,240 3,153 5,308 level 117,7 84,7 59,3 22,8	-0.1 0.4 0.0 0.3 -2.0 0.0 -0.4 -0.9 0.8 0.7 -0.2 -2.5 0.1 Daity -1.4 -0.9 -1.2 -1.1	4.7 4.1 7.7 3.2 1.9 -1.0 4.4 3.8 2.0 3.2 3.6 1.8 -1.6 1.2 Weekly 3.6 1.8 3.5 4.6	5 9 9 9 3 4 8 5 9 0 1 -1 -2 Monthly 16 11 122	3 -14 1 23 37 9 15 1 26 6 7 -11 16 YTD 25 28 15 36
DAX CAC MIB MSC Latar MSC	11,190 4,761 18,370 640 72,978 59,263 46,913 4,874 1,883 2,227 76,240 3,153 5,308 level 117,7 84,7 59,3 22,8 42,9 238,2	0.1 0.4 0.0 0.3 -2.0 0.0 -0.4 -0.9 0.8 0.7 -0.2 -2.5 0.1 Daily -1.4 -0.9 -1.2 -1.1 -1.8	4.7 4.1 7.7 3.2 1.9 4.0 4.4 3.8 2.0 3.2 3.6 1.8 -1.6 1.2 Weekly 3.5 4.6 2.0 4.4	5 9 9 -3 -3 4 8 5 9 0 1 -1 -1 -2 2 Monthly 16 11 11 22 13 19	3 -14 1 23 37 9 15 1 26 6 7 -11 16 YID 25 28 15
DAX CAC MIB MSC Attents MSCI Latent MSCI Latent MSCO Latent MSCO Latent MSCO Latent MSCO MSCO MSCO MSCO MSCO MSCO MSCO MSCO MSCO	11,190 4,761 18,370 640 72,978 59,263 46,913 4,874 1,883 2,227 76,240 706 3,153 5,308 level 117,7 59,3 22,8 42,9 238,2 99,5	0.1 0.4 0.0 0.3 -2.0 0.0 -0.4 -0.9 0.8 0.7 -0.2 -2.5 0.1 Daily -1.4 -0.9 -1.2 -1.1 -1.8 -1.5 -0.6	4.7 4.1 7.7 3.2 1.9 1.0 4.4 3.8 2.0 3.2 3.6 1.8 1.6 1.2 Weekly 3.6 1.8 3.5 4.6 2.0 4.4 9.6	5 9 9 -3 -3 4 8 5 9 0 1 -1 -2 Monthly 16 11 22 13 19 9	3 -14 1 23 37 9 15 1 26 6 7 -11 16 YTD 25 28 15 36 35 32 -8
DAX CAC MID	11,190 4,761 18,370 640 72,978 59,263 46,913 4,874 1,883 2,227 76,240 706 3,153 5,308 level 117,7 84,7 59,3 22,8 42,9 238,2 99,5 59,2 11,6	0.1 0.4 0.0 0.3 -2.0 0.0 -0.4 -0.9 0.8 0.7 -0.2 -2.5 0.1 Daily -1.4 -0.9 -1.2 -1.1 -1.8 -1.5 -0.6 -1.3 -0.6	4.7 4.1 7.7 3.2 1.9 -1.0 4.4 3.8 2.0 3.2 3.6 1.8 -1.6 1.2 Weekly 3.5 4.6 2.0 4.2 9.6 7.1 6.5	5 9 9 -3 -3 4 8 5 9 0 1 -1 -2 Monthly 16 11 11 22 13 19 9 7 9	3 -14 1 23 37 9 15 1 1 26 6 7 -11 16 YID 25 28 35 35 32 8 13 6
DAX CAC MIB MSC Attens* MSC Lattens* MSC Lat	11,190 4,761 18,370 640 72,978 59,263 46,913 4,874 1,883 2,227 76,240 3,153 5,308 level 117,7 59,3 22,8 42,9 238,2 239,5 59,2 11,6 17,3 13,6	0.1 0.4 0.0 0.3 -2.0 0.0 -0.4 -0.9 0.8 0.7 -0.2 -2.5 0.1 Daily -1.4 -0.9 -1.2 -1.1 -1.8 -1.5 -0.6 -1.3	4.7 4.1 7.7 3.2 1.9 4.4 3.8 2.0 3.2 3.6 1.8 -1.6 1.2 Weekly 3.6 1.8 3.5 4.6 2.0 4.2 9.6 1.8 1.5 4.6 1.2 1.5 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	5 9 9 -3 -3 4 8 5 9 0 1 -1 -2 Monthly 16 11 22 13 19 9 7	3 -14 1 23 37 9 15 1 26 6 6 7 -11 16 YID 25 28 15 36 35 32 8
DAX CAC MIB MSC AFerrs MSC Latturs MSC Lat	11,190 4,761 18,370 640 72,978 59,263 46,913 4,874 1,883 2,227 76,240 3,153 5,308 level 117,7 59,3 22,8 42,9 238,2 99,5 59,2 11,6 17,3 13,6 2,3	0.1 0.4 0.0 0.3 -2.0 0.0 0.4 -0.9 0.8 0.7 -0.2 -2.5 0.1 Daily -1.4 -0.9 -1.2 -1.1 -1.5 -0.6 -0.5 -0.6 -0.5 -0.6 -0.7 -0.7 -0.9 -0	4.7 4.1 7.7 3.2 1.9 4.4 3.8 2.0 3.2 3.6 1.8 -1.6 1.2 Weekly 3.6 1.8 3.5 4.6 2.0 4.2 9.6 7.1 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1	5 9 9 -3 -3 4 8 5 9 0 1 1 -1 -2 Monthly 16 11 11 22 13 19 9 7 7 9 22 5 5	3 -14 1 23 37 9 15 1 26 6 6 7 -11 16 15 25 28 35 35 32 32 8 31 35 36 35 36 36 37 37 37 37 37 37 37 37 37 37 37 37 37
DAX CAC MIB MSC Laters	11,190 4,761 18,370 640 72,978 59,263 46,913 4,874 1,883 2,227 76,240 706 3,153 5,308 lovel 117,7 84,7 59,3 22,8 42,9 238,2 99,5 59,2 11,6 17,3 13,6 2,3 46,1 2,4	0.1 0.4 0.0 0.3 2.0 0.0 0.4 0.9 0.7 0.2 1.4 1.9 1.4 1.5 0.6 0.5 0.5 0.7 0.7 0.9 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	4.7 4.1 7.7 3.2 1.9 1.0 4.4 3.8 2.0 3.2 3.6 1.8 3.5 4.6 2.0 4.2 9.6 7.1 1.5 1.5 1.8 3.5 1.8 3.5 1.8 3.6 1.8 3.6 1.8 3.6 1.8 3.6 1.8 3.6 1.8 3.6 1.8 3.6 1.8 3.6 1.8 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6	5 9 9 -3 -3 -4 4 8 5 9 0 1 -1 -2 Monthly 16 11 11 11 12 2 5 5 5 5 15 6 6	3 -14 1 23 37 9 15 1 26 6 6 7 -11 16 YID 25 36 35 32 8 13 6 6 32 8 10 10 10 10 10 10 10 10 10 10 10 10 10
DAX CAC MIB SEE ATENNS MSC Latter Latter MSC Latter Latter MSC Lat	11,190 4,761 18,370 640 72,978 59,263 46,913 4,874 1,883 2,227 76,240 3,153 8,17 84,7 59,3 22,8 42,9 9,5 59,2 11,6 17,3 13,6 2,3 46,1 2,4 33,9	0.1 0.4 0.0 0.3 2.0 0.0 0.4 0.9 0.8 0.7 0.2 2.5 0.1 1.4 0.9 1.2 1.5 0.6 0.5 0.6 0.5 0.7 0.7 3.0 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0	4.7 4.1 7.7 3.2 1.9 1.0 4.4 3.8 2.0 3.2 3.6 1.8 1.2 1.2 1.2 4.6 2.0 4.7 1.1 6.5 7.1 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1	5 9 9 -3 -3 -4 8 5 9 9 0 1 -1 -1 -2 -2 13 19 9 7 7 9 22 5 5 5 15 6 6 6	3 -14 1 23 37 9 15 1 26 6 7 -11 16 6 7 -11 25 28 35 35 32 8 35 32 8 8 32 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
DAX CAC MIB SSE Affers S MSC Laters S MSC La	11,190 4,761 18,370 640 72,978 59,263 46,913 4,874 4,883 2,227 76,240 706 3,153 5,308 level 117,7 59,3 22,8 42,9 238,2 23,2 11,6 17,3 13,6 2,3 46,1 2,4 83,9 651,8	0.1 0.4 0.0 0.3 2.0 0.0 0.4 0.9 0.8 0.7 1.4 0.9 1.4 1.9 1.1 1.1 1.1 1.1 1.3 0.6 1.3 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	4.7 4.1 7.7 3.2 1.9 1.0 4.4 4.3 3.8 2.0 3.6 1.6 1.2 Weekly 3.6 1.2 2.0 4.2 2.0 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.3 5.7 1.9 5.7 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9	5 9 9 -3 -3 -4 8 5 9 9 0 1 -1 -2 -2 13 19 9 9 7 7 9 22 5 5 5 15 6 6 6 4 4 6 6	3 -14 1 23 37,7 9 15 1 1 26 6 6 7 7 -11 1 16 15 36 35 35 32 8 8 35 32 8 8 10 10 10 10 10 10 10 10 10 10 10 10 10
DAX CAC MID	11,190 4,761 18,370 640 72,978 59,263 46,913 4,874 1,883 2,227 76,240 706 3,153 5,308 level 117,7 59,3 22,8 42,9 238,2 29,5 59,2 11,6 17,3 13,6 2,3 46,1 2,4 83,9 26,1,8 21,9 22,9 23,1,6 2,1 2,4 23,1 24,1 25,1 26,1 26,1 27,1 28,1 28,1 28,1 28,1 28,1 28,1 28,1 28	0.1 0.4 0.0 0.3 2.0 0.0 0.4 0.7 0.2 2.5 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	4.7 4.1 7.7 3.2 1.9 1.0 4.4 4.3 3.8 2.0 3.6 1.6 1.2 Weekly 3.6 7.1 1.2 9 5.7 1.1 1.2 9 5.7 1.1 1.2 9 5.7 1.1 1.2 9 5.7 1.1 1.2 9 5.7 1.2 9 5.7 1.2 9 5.7 1.2 9 5.7 1.2 9 5.7 1.2 9 5.7 1.2 9 5.7 1.2 9 5.7 1.2 9 5.7 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	5 9 9 -3 3 4 8 5 9 0 1 -1 -2 -	3 -14 1 23 37 9 15 1 26 6 6 7 -11 16 25 28 15 36 35 32 8 31 36 -23 31 4 4 22 22
DAX CAC MIB MSC Latan MSC	11,190 4,761 18,370 640 72,978 59,263 46,913 4,874 1,883 2,227 76,240 76,240 73,153 5,308 12,227 117,7 59,3 22,8 42,99 11,6 23,8 42,99 11,6 11,7 11,7 11,7 11,7 11,7 11,7 11,7	0.1 0.4 0.0 0.3 0.0 0.3 0.0 0.0 0.4 0.9 0.8 0.7 0.2 0.5 0.1 0.aliy 1.4 0.6 0.5 0.2 1.1 0.6 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	4.7 4.1 4.1 7.7 3.2 1.9 1.0 4.4 4.8 3.6 2.0 3.2 3.6 1.8 1.1 2.0 Weskly 3.6 2.0 4.2 4.2 4.6 5.7 11.9 11.9 11.9 11.9 11.9 11.9 11.9 11	5 9 9 9 -3 -3 4 8 5 9 9 0 1 1 -2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 -144 1 1 23 3 37 7 9 9 15 1 1 26 6 6 7 -11 16
DAX CAC MIB MSC AFerrar MSC Latera* MSC La	11,190 4,761 18,370 640 72,978 59,263 46,913 4,874 1,883 2,227 76,240 3,153 5,308 level 117,7 84,7 3,153 22,8 42,9 238,2 42,9 42,9 42,9 43,1 17,3 46,1 2,4 83,9 651,8 213,9 227,6 61,4 75,5 4,9 6,4	0.1 0.4 0.0 0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.7 4.1 4.1 7.7 3.2 1.9 1.0 4.4 4.3 8.8 2.0 3.2 2.0 3.2 1.8 1.1 2.0 4.4 3.3 5.6 1.8 3.5 1.6 2.0 4.1 6.5 1.2 1.9 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	5 9 9 9 -3 -4 8 8 9 0 1 -1 -2 2 13 13 19 9 7 7 9 9 22 5 5 5 5 5 5 5 5 5 6 6 6 4 6 6 13 3 3 8 8 10 5 5	3 3 -14 4 1 2 3 3 3 7 7 9 9 15 1 16 6 6 7 7 11 16 6 6 3 5 3 2 2 8 13 6 3 5 3 2 2 4 4 2 2 9 4 4 -16 6 0 7 7 -5
DAX CAC MIS	11.190 4.761 18.370 640 640 640 72.978 487 487 487 487 487 487 487 487 487 4	-0.1 0.4 0.0 0.3 2.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.7 4.1 7.7 3.2 1.0 1.0 1.0 1.2 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	5 9 9 9 3 -3 -4 8 5 9 9 1 1 -1 -2 2 5 5 5 15 6 6 6 4 4 6 6 13 3 8 8 10 5 8	3 -144 1 23 3 37 7 9 155 1 26 6 7 -111 166 7 7 -111 167 25 28 8 13 35 23 28 8 -53 35 24 4 4 -166 0 7 7 -5 -13
DAX CAC MIB SESSED AND AND AND AND AND AND AND AND AND AN	11.190 4.761 18.370 640 72.978 640 72.978 48.97 1.623 1.623 1.623 1.623 1.624	-0.1 0.4 0.0 0.3 2.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.7 4.1 7.7 3.2 1.9 1.0 4.4 4.8 3.2 3.6 1.8 3.6 1.2 1.6 1.2 1.6 1.2 1.6 1.6 1.6 1.7 1.6 1.6 1.7 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	5 9 9 9 3 -3 -4 8 8 5 9 9 1 1 -1 -2 -2 Monthly 16 11 11 11 22 2 5 5 15 5 6 6 6 4 6 6 4 6 13 3 8 8 10 5 8 8 11 6 6	3 3 -14 4 1 2 2 2 4 4 -16 6 0 0 7 5 -13 0 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
DAX CAC CAC MID MID MID MID MID MID MID MI	11.190 4.761 18.370 640 72.978 640 72.978 48.71 18.872 76.240 76.	0.1 0.4 0.0 0.3 2.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.7 4.1 7.7 3.2 1.9 4.4 4.8 3.8 3.6 1.8 3.6 1.2 1.0 1.2 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	5 9 9 9 3 -3 -4 8 5 9 9 1 1 -1 -2 -2 Monthly 16 11 11 11 22 2 5 5 15 15 6 6 6 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	3 -144 -16 -17 -17 -17 -17 -17 -17 -17 -17 -17 -17
DAX CAC MILE MILE MILE MILE MILE MILE MILE MILE	11.190 4.761 18.370 640 640 640 640 640 640 640 640 640 64	0.1 0.4 0.3 0.3 0.0 0.0 0.0 0.4 0.9 0.8 0.7 0.2 2.5 0.1 0.9 1.1 1.8 0.6 0.5 0.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.7 7.7 3.2 1.9 1.0 4.4 4.8 2.0 3.6 2.0 3.6 1.8 1.6 1.2 Westly 3.6 2.0 4.2 4.2 9.6 1.2 1.2 1.2 1.2 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	5 9 9 9 3 3 4 8 5 9 0 1 1 -1 -2 13 11 11 12 12 13 13 19 9 7 7 9 22 2 5 5 5 6 6 6 4 4 6 6 13 3 3 8 10 5 8 8 11 11 6 6 6 6	3 -144 -166 -132 -146 -146 -146 -146 -146 -146 -146 -146
DAX CAC MID	11.190 4.761 18.370 18.370 19.279 19.262 19.	.0.1 0.4 0.0 0.3 2.0 0.0 0.0 0.8 0.7 0.2 2.5 0.1 0.8 0.7 1.4 4.0.9 1.4 1.5 0.6 0.5 0.7 0.2 0.7 0.9 0.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.7 4.1 7.7 1.9 4.4 1.0 4.3 3.8 3.0 3.2 3.6 1.8 1.2 Weekly 1.8 4.6 1.8 1.2 1.9 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	5 9 9 9 3 3 4 4 8 5 9 9 0 1 1 -2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 -144 -16 -17 -17 -17 -17 -17 -17 -17 -17 -17 -17
DAX CAC MIB SEX Affers 1 MSC Laters 1 MSC La	11.190 4.761 16.376 16.376 17.97 18.	0.1 0.4 0.0 0.3 0.3 0.0 0.0 0.0 0.0 0.8 0.7 0.2 2.5 0.1 0.9 1.4 0.9 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1	4.7. 7.7. 3.2. 1.9. 4.4. 1.0. 4.4. 1.0. 4.4. 4.1. 4.0. 4.4. 4.1. 4.0. 4.0	5 9 9 9 3 3 4 8 5 9 0 1 1 -1 -2 Monthly 11 11 12 2 5 5 5 15 6 6 6 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	3 -14 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1
DAX CAC CAC CAC CAC CAC CAC CAC C	11.190 4.761 18.370 18.	.0.1 0.4 0.0 0.3 2.0 0.0 0.0 0.4 0.7 0.2 0.7 0.2 1.1 1.1 1.2 1.1 1.2 1.3 1.5 0.6 0.5 0.7 0.6 0.6 0.6 0.6 0.7 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	4.7 4.1 7.7 3.2 1.9 4.4 4.3 3.2 3.2 3.3 3.2 3.3 3.2 3.3 3.3	5 9 9 9 -3 -3 4 8 5 9 9 0 1 1 -4 -2 16 111 12 12 13 3 19 9 7 7 7 7 5 5 5 5 5 5 5 5 5 6 6 4 4 6 6 6 6 13 3 8 8 11 1 6 6 6 6 6 13 8 Monthly 2.7 1.0 8.0 8.0 8.0	3 -144 -166 -151 -151 -151 -151 -151 -151 -151
DAX CAC MIB SESSED SESS	11.190 4.761 18.370 4.761 18.370 4.761 18.370 4.978 4.998 4.994 4.	0.1 0.4 0.0 0.3 2.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.7. 7.7. 3.2. 1.9. 1.0. 4.4. 3.8. 2.0. 4.4. 3.8. 3.6. 3.8. 3.1. 3.8. 3.2. 3.6. 3.8. 3.6. 3.8. 3.6. 3.8. 3.7. 3.8. 3.8. 3.9. 3.8. 3.9. 3.8. 3.9. 3.9	5 9 9 9 3 3 4 4 8 5 9 9 0 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 -14 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1
DAX CAC MIB SEX Afferson MISC Lateral MISC L	11.190 16.373 16.373 17.978 18.972 18.978 18	0.11 0.4 0.0 0.4 0.0 0.3 2.0 0.0 0.0 0.0 0.0 0.0 0.7 0.0 0.7 0.0 0.7 0.1 1.4 1.8 1.5 0.6 0.7 0.7 0.0 0.7 0.7 0.0 0.0	4.7. 4.1. 7.7. 3.2. 1.9. 4.4. 4.1. 7.7. 4.6. 4.6. 4.6. 4.6. 4.6. 4.6. 4.6	5 9 9 9 3 3 4 4 8 5 9 9 0 1 1 -1 -2 13 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 .14 1 1 23 37 9 15 1 1 26 6 6 7 7 .11 1 16 6 7 7 .11 1 16 6 7 7 .11 1 16 6 7 7 .11 1 16 7 1
DAX CAC MIB CAC MIB SEX Afferred MISC Lateral MISC Latera	11.190 10.101 10	0.1 0.4 0.0 0.3 2.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.7 4.1 7.7 4.1 4.1 7.7 3.2 1.9 9.1 4.4 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4	5 9 9 9 -3 -3 4 8 5 9 9 0 1 1 -4 -2 16 111 12 12 13 3 19 9 7 7 7 9 22 2 5 5 5 5 15 6 6 6 6 6 6 6 6 6 6 6 6 6 6	3 -144 -166 -151 -151 -151 -151 -151 -151 -151
DAX CAC MISS	11.190 16.20 16.20 17.2978 19.20 17.2978 19.20 17.2978 19.20 17.2978 1	0.11 0.4 0.0 0.3 0.3 0.0 0.0 0.0 0.0 0.0 0.7 0.2 0.7 0.2 0.7 0.2 0.1 1.1 1.8 0.6 0.5 0.7 0.2 0.1 1.1 1.8 0.6 0.7 0.0 0.0 0.8 0.8 0.8 0.8 0.7 0.9 0.8 0.7 0.9 0.8 0.7 0.9 0.8 0.8 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	4.7. 4.1 7.7. 3.2 1.9 4.4. 4.1 7.7. 4.0 4.1 4.0 4.1 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0	5 9 9 9 -3 -3 4 8 5 9 9 0 1 1 -1 -2 2 13 19 9 2 2 2 5 5 6 6 6 4 6 6 13 3 8 10 5 8 8 11 6 6 6 6 6 6 13 8 10 5 8 8 11 6 6 6 6 6 13 8 10 5 8 8 11 6 6 6 6 6 13 8 10 5 8 11 6 6 6 6 13 8 10 5 8 11 6 6 6 6 13 8 10 10 10 10 10 10 10 10 10 10 10 10 10	3 -144 -14 -15 -15 -15 -15 -15 -15 -15 -15 -15 -15
DAX CAC MISS	11.190 18.20	0.11 0.4 0.0 0.4 0.0 0.3 2.0 0.0 0.0 0.0 0.0 0.7 0.0 0.7 0.0 0.7 0.1 1.4 1.8 1.5 0.6 0.7 0.7 0.0 0.7 0.7 0.0 0.7 0.0 0.7 0.0 0.8 0.8 0.8 0.8 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	4.7. 7.7. 1.9. 1.9. 1.0. 1.0. 1.0. 1.0. 1.0. 1.0	5 9 9 9 3 3 4 8 5 9 9 0 1 1 -1 -2 13 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 -144 1 1 2 3 3 7 1 1 1 2 3 3 7 1 1 1 1 2 6 6 6 7 7 -111 1 1 1 1 2 5 5 2 8 8 8 1 3 3 6 6 7 2 3 2 2 2 2 2 9 9 1 1 1 1 1 1 1 1 1 1 1 1 1
DAX CAC MILE CAC MILE MILE MILE MILE MILE MILE MILE MILE	11.190 16.10 17.40 17.40 18.20 17.40 18.20 17.40 18.20	0.11 0.4 0.0 0.4 0.0 0.3 2.0 0.0 0.0 0.4 0.9 0.0 0.8 0.9 0.1 0.9 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	4.7. 7.7. 1.9. 1.9. 1.0. 1.0. 1.0. 1.0. 1.0. 1.0	5 9 9 9 -3 -3 -4 4 8 5 5 9 9 1 1 -1 -2 -2 -7 1 1 1 1 1 2 2 1 1 1 1 1 2 2 1 2 1 2 1	3 -144 166 7 7 7 7 7 7 7 7 7
DAX CAC MIB SEX Afferson MISC Later and MISC Later	11.190 18.191 18	0.1 0.4 0.0 0.3 0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.7. 7.7. 1.9. 3.2. 1.9. 3.2. 1.9. 3.2. 3.2. 3.2. 3.6. 3.8. 3.6. 3.8. 3.6. 3.8. 3.6. 3.6	5 9 9 9 -3 -3 4 4 8 5 9 9 1 1 1 1 1 1 2 2 1 3 1 1 1 1 1 2 2 5 5 5 1 5 6 6 6 1 1 3 3 8 10 5 5 8 1 1 1 6 6 6 6 1 3 1 3 8 0 5 5 8 1 1 1 6 6 6 6 6 1 3 1 3 8 0 5 5 8 1 1 1 6 6 6 6 6 1 3 1 3 8 0 5 5 8 1 1 1 6 6 6 6 6 6 1 3 1 3 8 0 5 5 8 1 1 1 6 6 6 6 6 6 1 3 1 1 1 6 6 6 6 6 6	3 -144 -166 -188 -155 -151 -151 -151 -151 -151 -151
DAX CAC CAC CAC CAC CAC CAC CAC C	11.190 18.10	0.11 0.4 0.0 0.4 0.0 0.3 2.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.7. 7.7. 4.1 7.7. 1.19 1.19 1.19 1.19 1.19 1.19 1.	5 9 9 9 3 3 4 8 8 5 9 9 0 1 1 -1 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1	3 -144 3 3 7 166 -188 6 6 -188 6 6 -18 6 7 7 7 5 -11 7 7 5 8 6 6 -18 6 7 7 7 5 -11 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
DAX CAC MIS	11.190 10.20	0.11 0.4 0.0 0.4 0.0 0.3 2.0 0.0 0.0 0.4 0.9 0.0 0.8 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	4.7. 7.7. 4.1 7.7. 1.10 1.10 1.10 1.10 1.10 1.10 1.	5 9 9 9 3 3 4 4 8 5 5 9 9 1 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1	3 -144 -15 -16 -16 -16 -16 -16 -16 -16 -16 -16 -16
DAX CAC MISS MISS MISS MISS MISS MISS MISS MIS	11.190 16.373 16.373 17.2978 59.263 59.263 59.263 59.263 17.706 3.153 17.77 88	0.11 0.4 0.0 0.3 2.0 0.3 2.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.7. 7.7. 4.1. 7.7. 1.9. 1.9. 1.9. 1.9. 1.9. 1.9. 1	5 9 9 9 3 3 3 4 8 8 9 9 0 1 1 -1 -2 -2 1 1 1 1 1 1 1 1 1 1 1 1 1	3 -144 -155 -161 -176 -176 -176 -176 -176 -176 -176
DAX CAC MILE CAC MILE MILE MISCAN MILE MISCAN MISCA	11.190 10.20	0.1 0.4 0.0 0.3 0.3 0.2 0.0 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	4.7 7.7 7.7 1.10 1.10 1.10 1.10 1.10 1.10	5 9 9 9 3 3 4 8 8 5 9 9 0 1 1 -1 2 2 1 1 1 1 1 2 2 2 5 5 5 1 5 6 6 6 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	3 -14 1 1 23 37 7 9 15 5 1 16 6 6 7 7 16 6 6 6 7 7 16 6 6 6 7 7 7 16 6 6 6 7 7 7 7 7 7
DAX CAC MIB SES Address MIB SES Address MIB SES Address Howevers Gleab Montal M	11.190 16.20 17.297 17.297 18.20 19.207 19.2	0.11 0.4 0.0 0.3 2.00 0.3 2.00 0.9 0.9 0.9 0.9 0.9 0.9 0.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	4.7. 4.1. 7.7. 4.1. 7.7. 4.1. 7.7. 4.1. 7.7. 4.1. 7.7. 4.2. 4.2. 4.3. 8.8. 1.6. 6.2. 9.6. 1.8. 1.8. 1.6. 2.0. 2.0. 8.1. 1.8. 1.6. 2.0. 8.1. 1.8. 1.6. 2.0. 8.1. 1.6. 8.1. 1.6. 8.1. 1.6. 8.1. 8.1	5 9 9 9 3 3 3 4 8 8 9 9 0 1 1 -1 -2 -2 1 1 1 1 1 1 1 1 1 1 1 1 1	3 -144 -155 -161 -176 -176 -176 -176 -176 -176 -176
DAX CAC MISS MISS MISS MISS CAC MISS MISS MISS MISS MISS MISS MISS MIS	11.190 16.207 16	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	4.7. 4.1 7.7. 4.1 7.7. 4.1 7.7. 4.1 7.7. 4.1 7.7. 1.1. 9. 1.2. 9.6. 1.8 1.8 1.6 2.0 9.6. 1.8 1.8 1.6 2.0 9.6. 1.8 1.8 1.6 2.0 9.6. 1.8 1.8 1.6 2.0 1.8 1.8 1.8 1.6 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8	5 9 9 9 3 3 3 4 8 8 5 9 9 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
DAX CAC CAC MISS MISS MISS (MISS) MISS (MISS (MISS (MISS) MISS (MISS (M	11.190 18.20	0.1 0.4 0.4 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4.7. 4.1. 7.7. 4.1. 7.7. 1.1.0	5 9 9 9 3 3 4 4 8 8 5 9 0 1 1 -1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 -14 1 1 23 37 7 9 155 1 1 266 6 7 7 1 166 6 7 7 1 166 6 7 17 1
DAX CAC MIS MIS MIS ASS Afferent MIS	11.190 16.10 16.20 17.4978 19.263 19.	0.1 0.4 0.0 0.3 0.3 0.4 0.9 0.8 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	4.7. 4.1. 7.7. 4.1. 7.7. 4.1. 7.7. 4.1. 7.7. 4.1. 7.7. 1.1. 9. 1.2. 9. 1.2. 9. 1.2. 1.2. 9. 1.2. 1.2	5 9 9 9 3 3 4 8 5 9 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 -14 1 1 23 3 37 7 9 9 155 1 6 6 6 7 110 1 16 6 7 10 1 16 6 7 10 1 16 6 7 10 1 16 6 7 10 1 16 1 16
DAX CAC MIS	11.190 10.191 10	0.11 0.4 0.0 0.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.7 7.7 4.1 7.7 7.1 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1	5 9 9 9 3 3 4 8 8 5 9 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 14 1 1 23 37 7 9 9 155 1 1 1 16 16 16 16 16 16 16 16 16 16 16





Debt markets Developed Markets				Month	YTD
US (2-yr) US GER (2-yr)	1.14 2.48	1.1	1.7 8.4	33	9 21
GER (2-yr) Germany	0.74	3.4	-3.8 6.6	-12 13	-40 -23
France Spain	0.87 1.50	5.5 -1.5	7.8 -5.3	19 11	-12 -27
Italy Portugal	2.00 3.83	-4.5 -1.6	1.1	10 43	40 132
Greece Japan (2-yr)	6.72 -0.18	2.5 -0.1 4.7	18.4 -0.1 12.5	-53 7 -18	-156 -17 -18
Japan Emerging Markets	0.09 level	Daily	Weekly	Monthly	
Brazil Chile	11.94 4.45	5.4 1.0	-12.8 -14.8	-4 23	-458 -23
Colombia Mexico	7.27 7.31	0.0	-9.2 0.4	-31 24	-139 105
Peru Poland	6.28 3.64	0.6 2.8	-6.5 -12.7	56 31	-119 70
Russia Turkey	8.51 11.19	-0.2 16.0	-25.9 10.0	-29 85	-104 72 -132
India Indonesia	6.44 7.66	0.0	22.4 -40.2	-22 18	-132 -108
Country ris Developed Markets	k (bp, chang	es in bp) Daily	Weekly	Monthly	YTD
10-yr sovereign spread vs Germany	ievei				
France	47 160	2.1 -7.9 -5.0	1.2 -5.5	-3	11 63
Portugal Spain	343 110	-5.0 -4.9	6.2 -11.9	31 -2	155 -4
2-yr so vereign spread vs Germany France	14	0.2	2.6	11	11
Italy Portugal	63 97	-2.9 -4.3	-12.9 -5.6	-2 0	32 52
Spain	46	-4.5	-10.5	0	11
Emerging Markets 5-yr sovereign CDS*	level	Daily	Weekly	Monthly	YTD
Brazil Chile	287 78	2	-22 -8	17 -17	-205 -49
Colombia Mexico	169 160	2	-22 -22	-7 -1	-70 -10
Peru	108	2	-13	0	-77
Venezuela Poland	3,876 79	76 0	-482 -4	369 0	-2168 7
Russia Turkey	197 279	-3 0	-19 -19	-21 13	-104 6
China India	112 127	0	-5 -5	3 -8	-22
Indonesia	155 k indicators	0	-17	-3	-72
Volatilty indicators (%)	level	Daily	Weekly	Monthly	YTD
VIX VST OXX	13 17	6.7 1.9	-11	-15 -20	-6 -5
EM EFT volatility Index Dollar/euro volatility	19 10	-0.9 1.3	-7 -1	-28 9	-15 -1
EM FX volatility index Credit spread (BAA) (bps)	11 242	2.6	4	9	-1 -81
US bonds volatility index	76	3.3	-5	-9	11
Banking 5 y CDS (bps) * US	level 76	Daily -0.1	Weekly -3	Monthly 4	YTD 1
EZ UK	124 95	2.6 -0.1	-6 -7	5 4	41 18
Large Spanish Medium Spanish	132 156	1.2 0.1	-9 -12	-8	-5 -1
Corporate 5y CDS (tps) * US Non-financial	level 182	Daily -0.1	Weekly	Monthly 4	YTD
EZ Non-financial	104	2.6	-6	5	41
UK Non-financial Interbank mar	126 rkets (%, cha	0.0 inges in by	-2	-9	-66
EONIA Index	level -0.35	Daily 0.00	Weekly 0.0	Monthly 0.0	YTD -0.2
Euribor 3m Euribor 12m	-0.32 -0.08	0.00	0.0	0.0	-0.2 -0.1
Libor 3m	0.96	0.00	0.0	0.1	0.3
Libor 12m EZ TED spread 3m	1.65 61.1	0.00 1.50	0.0	0.1 4.3	0.5 20.3
	k markets (
Main indices S&P500	level 2,256	Daily -0.2	Weekly 2.3	Monthly 4	YTD 10
Main indices S&P500 Dow Jones	level 2,256 19,779	Daily -0.2 0.1	2.3 2.9	4 5	10 14
Main indices S&P500 Dow Jones Nikkei FTSE 100	2,256 19,779 19,155 6,890	Daily -0.2 0.1 0.8 -0.9	2.3 2.9 4.8 2.1	4 5 10	10 14 1 10
Main Indices S&P500 Dow Jones Nikide FTSE 100 EuroStoxx 50 IBEX	2,256 19,779 19,155 6,890 3,199 9,186	0.1 0.8 -0.9 0.0	2.3 2.9 4.8 2.1 4.8 6.0	4 5 10 1 5 5	10 14 1 10 -2 -4
Main indices SAP500 Dow Jones Nikkel FTSE 100 EuroStoxx 50 IBEX DAX CAC	2,256 19,779 19,155 6,890 3,199 9,186 11,190 4,761	0.1 0.8 -0.9 0.0 0.2 -0.1 -0.1	2.3 2.9 4.8 2.1 4.8 6.0 4.7 4.1	4 5 10 1 5 5 5	10 14 1 10 -2 -4 4 3
Main indices SAP900 Dow Jones Nikkel FTSE 100 EuroStoxx 50 IBEX DAX CAC MIB AXE Athens	2,256 19,779 19,155 6,890 3,199 9,186 11,190 4,761 18,370 640	0.1 0.8 -0.9 0.0 0.2 -0.1	2.3 2.9 4.8 2.1 4.8 6.0 4.7 4.1 7.7 3.2	4 5 10 1 5 5 5	10 14 1 10 -2 -4 4 3 -14
Note Indicate SAPSBO Down Jenes Note Note Indicate Indica	2,256 19,779 19,155 6,890 3,199 9,186 11,190 4,761 18,370 640 72,978	0.1 0.8 -0.9 0.0 0.2 -0.1 -0.1 0.4 0.0 0.3	2.3 2.9 4.8 2.1 4.8 6.0 4.7 4.1 7.7 3.2 1.9	4 5 10 1 5 5 5 5	10 14 1 10 -2 -4 4 3 -14 1
Initial Profession SAPSIO Down Jones Nakel Nakel FIES O BARKER BARKER DAY CAC A MB ASS Afters MSGL Latam* Bovepa Blacel Mondoul	2,256 19,779 19,155 6,890 3,199 9,186 11,190 4,761 18,370 640 72,978 59,263 46,913	0.11 0.8 -0.9 0.0 0.2 -0.1 -0.1 0.4 0.0 0.3 -2.0	2.3 2.9 4.8 2.1 4.8 6.0 4.7 4.1 7.7 3.2 1.9 -1.0 4.4	4 5 10 1 5 5 5 5 5 9 9 -3 -3	10 14 1 10 -2 -4 4 3 -14 1 23 37 9
SAES DE COME D	10vel 2,256 19,779 19,155 6,890 3,199 9,186 11,190 4,761 18,370 640 72,978 59,263 46,913 4,874 1,883	Daily -0.2 0.1 0.8 -0.9 0.0 0.2 -0.1 -0.1 0.4 0.0 0.3 -2.0 0.0	2.3 2.9 4.8 2.1 4.8 6.0 4.7 4.1 7.7 3.2 1.9 -1.0 4.4 3.8 2.0	4 5 10 1 5 5 5 5 5 9 9 9 -3 -3 4 8 5	10 14 1 10 -2 -4 4 3 -14 1 23 37 9 15
SEE BEST OF THE SEE SEE SEE SEE SEE SEE SEE SEE SEE S	10vel 2,256 19,779 19,155 6,890 3,199 9,186 11,190 4,761 118,370 640 72,978 59,634 4,874 1,883 2,227 76,240	Daily -0.2 0.1 0.8 -0.9 0.0 0.2 -0.1 -0.1 0.4 0.0 0.3 -2.0 0.0 -0.4 -0.9 0.8	2.3 2.9 4.8 2.1 4.8 6.0 4.7 4.1 7.7 3.2 1.9 -1.0 4.4 3.8 2.0 3.2 3.6	4 5 10 1 5 5 5 5 5 9 9 -3 -3 4 8 5 9	10 14 1 10 -2 -4 4 3 -14 1 23 37 9 15 1 26 6
SEASON SE	2,256 19,775 19,155 6,890 3,199 9,186 11,190 4,761 18,370 640 72,978 59,263 46,913 4,874 1,883 2,227 76,240 70,6	Daily -0.2 0.1 0.8 -0.9 0.0 0.2 -0.1 -0.1 0.4 0.0 0.3 -2.0 0.0 0.4 -0.9 0.8 0.7 -0.2	2.3 2.9 4.8 6.0 4.7 4.1 7.7 3.2 1.9 -1.0 4.4 3.8 2.0 3.2 3.6 4.7 4.1 1.8 4.4 4.4 4.8 4.4 4.8 4.8 4.8 4.8 4.8 4	4 5 10 1 5 5 5 5 5 9 9 -3 -3 4 8 5 9	10 14 1 10 -2 -4 4 3 -14 1 23 37 9 15 1 26 6 7
SAES BUT OF THE SAES OF THE SA	2,256 19,775 19,155 6,890 3,199 9,186 11,190 4,761 18,370 640 72,978 46,913 4,874 1,883 2,227 76,240 706 3,153 5,308 level	Daily -0.2 0.1 0.8 -0.9 0.0 0.2 -0.1 -0.1 0.4 0.0 0.3 -2.0 0.0 -0.4 -0.9	2.3 2.9 4.8 2.1 4.8 6.0 4.7 4.1 7.7 3.2 1.9 -1.0 4.4 3.8 2.0 3.2 3.6 1.8	4 5 10 1 5 5 5 5 5 9 9 -3 -3 4 8 5 9	10 14 1 10 -2 -4 4 3 -14 1 23 37 9 15 1 26 6 7
SAES DE COME D	2,256 19,779 19,155 6,890 3,199 9,186 11,190 4,761 18,370 640 72,978 59,263 46,913 4,874 1,883 2,227 76,240 706 3,153 5,308 lovel	Daily -0.2 0.1 0.8 -0.9 0.0 0.2 -0.1 -0.1 0.4 0.0 0.3 -2.0 0.0 -0.4 -0.9 0.8 0.7 -0.9 0.8 0.7 -0.9 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1	2.3 2.9 4.8 2.1 4.8 6.0 4.7 4.1 7.7 3.2 1.9 -1.0 4.4 3.8 2.0 3.2 3.6 1.8 -1.6 1.2 Weekly 3.6	4 5 10 1 5 5 5 5 9 9 -3 -3 4 8 5 9 0 1 1 -1 -2 Monthly 16	10 14 1 10 -2 -4 3 -14 1 23 37 9 15 1 26 6 7 -11 16 7 7 -11 25
Intelligence SASEPSIO Dow Jones Notes FTSE 100 Exception BEX DOW JONES BEX	19.75 6.890 3.199 9.186 11.190 4.761 18.370 640 72.978 59.263 46.913 4.874 1.883 2.227 76.240 706 3.153 5.308 117.7 84.7 99.8	Daily -0.2 0.1 0.8 -0.9 0.0 0.2 -0.1 -0.1 0.4 0.0 0.3 -2.0 0.0 -0.4 -0.9 0.7 -0.2 -2.5 0.1 Daily -1.4 -0.9	2.3 2.9 4.8 2.1 4.8 6.0 4.7 4.1 7.7 3.2 1.9 -1.0 3.8 2.0 3.6 1.8 -1.6 1.2 Weekly 3.6 1.8 3.5	4 5 10 1 5 5 5 5 9 9 -3 -3 4 8 5 9 0 1 -1 -2 Monthly 16 11	10 14 1 10 -2 -4 4 3 -14 1 23 37 9 15 1 26 6 7 -11 16 YTD 25 28
Intelligence SASESDO Dow Jones Notes FTSE 100 Exercision S0 BEX DOX MISSES DOX MISSES	10vol 2,256 19,779 19,155 6,890 3,199 9,186 11,190 4,761 18,370 640 72,978 46,913 46,913 4,874 1,883 2,227 76,240 706 3,153 5,308 10vol 117,7 84,7 59,3 22,8 42,9	Daily -0.2 0.1 0.8 0.9 0.0 0.2 -0.1 0.1 0.4 0.9 0.0 0.4 -0.9 0.7 -0.2 1.1 Daily -1.4 0.9 -1.2 -1.1 -1.8 0.2 -1.1 -1.8 0.8 0.9 0.	2.3 2.9 4.8 2.1 4.8 6.0 4.7 4.1 7.7 3.2 1.9 -1.0 4.4 3.8 2.0 3.2 3.6 1.2 Weekly 3.5 4.6 1.2	4 5 10 1 5 5 5 5 9 9 -3 4 8 5 9 0 1 1 -1 -2 Morathly 16 11 11 12 2	10 14 1 10 -2 -4 4 3 -14 1 1 23 37 9 15 1 26 6 7 -11 16 YID 25 28 15 35
Intelligence SeePSP0 Dow Jones Notes FTSE 100 EuroStox 50 IBEX OXX CAC CAC CAC CAC MSC JAC MSC	10vol 2,256 19,779 19,155 6,890 9,186 11,190 4,761 18,370 640 72,978 59,263 46,913 4,874 1,883 2,227 76,240 70,5308 level 117,7 84,7 59,3 22,8 42,9 9,5	Daily -0.2 0.1 0.8 0.9 0.0 0.0 0.2 -0.1 0.4 0.0 0.3 -2.0 0.0 0.7 -0.4 0.9 0.7 -0.4 0.9 1.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	2.3 2.9 4.8 2.1 4.8 6.0 4.7 4.1 7.7 3.2 1.9 -1.0 4.4 3.8 2.0 3.6 1.8 -1.6 1.2 Weekly 3.6 1.8 3.5 4.5 4.6 2.0 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7	4 5 10 10 11 5 5 5 5 9 9 9 -3 -3 4 8 8 5 9 9 1 1 -1 -2 2 13 19 9 9	10 14 1 10 -2 -4 4 3 -14 1 23 37 9 15 1 26 6 7 -11 16 YTD 25 28 15 36 35 32 4
SAEPON Dow Jones Notes FTSE 100 CERCONO SO DAY	10vol 2,256 19,779 19,155 6,890 3,199 9,186 11,190 4,761 18,370 640 72,978 59,263 46,913 4,874 1,883 2,227 76,240 706 3,153 5,308 level 117,7 59,3 22,8 42,9 238,2 99,5 59,2 11,6	Daily -0.2 0.1 0.8 0.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2.3 2.9 4.8 2.1 4.6 6.0 4.7 7.7 3.2 2.0 1.0 3.6 1.8 3.6 1.2 Weetly 3.6 1.2 Weetly 4.7 4.6 5.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6	4 5 10 11 5 5 5 5 5 9 9 9 -3 -3 4 8 8 5 9 0 0 1 1 1 2 2 2 2 3 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10 14 1 1 10 2 -4 4 4 3 3 -14 1 2 3 3 7 9 15 1 1 26 6 6 7 7 -11 1 1 2 5 2 5 2 5 3 5 3 5 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5
Intelligence SeePSP0 Dow Jones Notes FTSE 100 EuroStox 50 IBEX OXX CAC CAC CAC CAC MSC JAC MSC	10vel 2,256 19,779 19,155 6,890 3,199 9,186 11,190 4,761 18,370 640 72,978 59,263 46,913 4,874 1,883 2,227 76,240 3,153 5,308 10vel 11,75 84,7 59,3 44,7 59,3 22,8 44,9 99,5 59,5	Daily -0.2 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1	2.3 2.9 4.8 2.1 4.8 6.0 4.7 4.1 7.7 3.2 1.9 1.0 3.2 2.0 3.2 3.2 3.2 3.2 3.2 3.6 1.8 4.1 6.0 4.7 4.4 4.3 8.8 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0	4 5 10 10 11 5 5 5 5 9 9 9 3 3 3 4 8 8 5 9 0 1 1 -1 -2 2 10 11 11 11 12 2 1 1 1 1 1 1 1 1 1 1	10 14 1 10 2 -4 4 3 -14 1 23 37 9 15 1 26 6 7 -11 1 16 25 28 33 33 37 -11 16 33 37 -11 16 33 37 -11 16 37 -11 17 -11 17 -11 17 18 18 18 18 18 18 18 18 18 18 18 18 18
Intelligence SASESDO Dow Jones Notes FTSE 100 Exercision S0 BEX DOX MISS DOX MISS MISS MISS MISS MISS MISS MISS MIS	10vel 2,256 (1977) 19,155 (6,890 3.199 9.186 (11,190 4.761 18,370 640 72,978 59,263 46,913 46,913 46,913 48,77 76,240 70,278 59,263 1173,7 59,3 84,2 99,5 59,2 11,6 17,3 13,6 2,3 13,6 2,3 13,6 2,3 13,6 2,3 13,6 2,3 13,6 2,3 13,6 2,3 13,6 2,2 11,6 11,7 59,3 238,2 299,5 59,2 11,6 17,3 13,6 2,3 13,6 2,3 13,6 2,3 13,6 2,3 19,7 19,15	Daily -0.2	2.3 2.9 4.8 2.1 4.8 6.0 4.7 7.7 3.2 1.9 2.0 3.2 1.0 3.2 1.0 3.2 1.0 3.2 1.0 3.2 4.4 3.8 3.6 1.8 3.6 1.2 2.0 4.7 4.6 4.7 4.6 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7	4 5 10 1 1 5 5 5 5 9 9 9 -3 3 4 8 8 5 9 9 0 1 1 -1 -2 2 13 13 19 9 7 7 9 22 5 5 5	10 14 11 10 2-2 -4 4 4 3 1-14 1 23 37 9 15 1 1 26 6 7 7-11 16 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
SAEPON Dow Jones Noted FTSE 100 Careadon SAE ACAC MAR DAX DAX CAC MAR MB MASC Alleren Montrel	19,779	Daily -0.2 -0.1 -0.1 -0.1 -0.2 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1	2.3 2.9 4.8 4.8 6.0 4.7 4.1 7.7 3.2 1.9 2.0 4.4 4.3 3.6 1.8 2.0 4.2 4.6 1.8 4.6 1.8 4.7 4.1 4.1 4.7 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1	4 5 5 10 1 1 5 5 5 5 9 9 9 -3 -3 4 8 5 5 9 9 0 1 1 -1 -2 -2 13 11 11 11 12 2 13 19 9 7 7 9 2 2 2 5 5 5 15 6 6	10 14 1 1 10 2-2 -4 4 4 3 3-14 1 1 23 37 9 15 1 1 26 6 7 7 1-11 16 7 7 15 25 25 28 36 37 37 37 37 37 37 37 37 37 37 37 37 37
SAEPON DOW JOINS NINGE FTSE 100 CENTROL SAE FTSE 100 CENTROL SAE CAC MIB AND	Invel 2,256 19,779 19,155 19,779 19,155 19,779 19,155 19,779 19,155 19,779 19,155 19,779 19,155 19,779 19,157 19,	Daily -0.2 -0.1 -0.1 -0.8 -0.9 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1	2.3 4.8 2.1 4.8 6.0 4.7 4.1 7.7 3.2 2.0 4.4 3.6 2.0 3.6 1.8 3.5 4.6 2.0 4.2 4.7 4.1 1.6 1.6 1.7 1.6 1.6 1.7 1.6 1.6 1.7 1.6 1.7 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	4 5 5 10 1 1 5 5 5 5 5 9 9 9 3 3 3 4 8 8 5 5 9 9 0 1 1 -1 1 2 2 1 1 3 19 9 7 7 9 2 2 5 5 5 15 6 6 6 6 4	10 14 11 10 22 4 4 4 3 37 9 15 1 1 23 37 9 15 1 16 6 6 7 7 -11 1 16 2 2 8 8 15 15 16 16 16 16 17 16 17 16 17 16 17 16 17 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18
SAEPON DOW Jones Notes FTSE 100 Exercision SO BEX	Invel 2,256 19,779 19,155 19,779 19,155 19,779 19,155 19,779 19,155 19,779 19,155 19,779 19,155 19,179 19,	Daily -0.2 -0.1 -0.1 -0.2 -0.1 -0.1 -0.9 -0.0 -0.4 -0.0 -0.3 -0.0 -0.4 -0.9 -0.8 -0.7 -0.2 -0.1 -1.4 -0.6 -1.3 -0.6 -1.3 -0.6 -0.5 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7	2.3 2.9 4.8 6.0 4.7 4.1 4.7 7.7 3.2 1.0 3.2 3.2 3.6 1.8 3.5 1.8 3.5 1.0 4.7 1.1 1.0 1.0 1.0 1.0 1.0 1.0 1.0	4 5 5 100 1 1 5 5 5 5 5 9 9 9 3 3 4 8 8 5 9 9 0 1 1 1 1 1 1 1 1 2 2 1 3 1 9 9 7 7 9 2 2 2 5 5 5 5 5 5 5 5 5 5 5 5 6 6 6 6 6	10 14 1 1 10 2 4 4 4 3 3 7 14 1 1 23 37 9 15 1 26 6 6 7 7 11 16 7 7 15 28 15 36 22 3 16 22 4 8 8 3 4 4 22 29 9 4
SAEPON Dow Jones Notes FTSE 100 Carectory To Saepon DAX DAX CAC MIB MASC ARCHENT Boverage Blazo Montol MASC EM Europe* Potent of March Montol MASC EM Europe	19,779 19,779 19,759 19,155 3,99 4,761 118,370 640 640 118,370 640 706 640,91 706,240 706 706,240 706 706 706 707 707 708 708 708 708 708 708 708 708	Daily -0.2 -0.1 -0.1 -0.1 -0.5 -0.2 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1	2.3 2.9 4.8 6.0 4.7 4.1 4.7 7.7 3.2 1.0 1.0 3.8 2.0 3.2 3.5 3.5 1.8 3.5 4.7 1.1 6.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	4 5 5 10 1 1 5 5 5 5 9 9 9 3 3 4 8 8 5 9 9 0 1 1 1 2 2 2 13 13 19 9 7 7 9 9 2 2 5 5 5 5 6 6 6 4 6 6 6 13 3 3 3 3	10 14 11 10 -2 -4 4 4 3 3 -14 1 23 37 9 15 6 6 7 7 -11 26 6 6 7 7 -11 16 28 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
SAEPON DOW JOINS NINGE FTSE 100 GENERAL SAEPON GENE	19,72 19,72 19,72 19,155 6,890 9,186 6,490 11,190 4,261 11,190 4,261 11,190 640 11,190 640 11,190 11,190 11,190 12,297 16,240 11,190 11	Daily -0.2 -0.1 -0.1 -0.5 -0.2 -0.1 -0.5 -0.5 -0.5 -0.1 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	2.3 2.9 4.8 2.1 4.8 6.0 4.7 4.1 1.9 1.0 3.2 2.3 3.2 3.3 1.8 3.5 1.8 3.5 1.8 3.5 1.2 1.0 4.7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	4 5 5 100 1 1 5 5 5 5 5 9 9 9 3 3 4 8 8 5 9 9 0 1 1 -1 2 2 2 13 1 1 1 1 1 2 2 2 5 5 5 5 5 5 5 5 5 9 9 9 9 9 9 9 9	10
SAME DISTRICT OF THE DISTRICT	2.256 19,779 19,155 6,890 9,186 6,3199 9,186 640 11,190 4,261 11,190 640 72,978 59,263 11,153 283 22,8 46,913 11,177 76,240 11,177 76,240 11,177 76,240 11,177 11,1	Daily -0.2 -0.1 -0.1 -0.2 -0.1 -0.2 -0.1 -0.5 -0.2 -0.1 -1.4 -0.5 -0.2 -0.7 -0.0 -0.5 -0.7 -0.2 -0.7 -0.2 -0.7 -0.2 -0.7 -0.2 -0.7 -0.2 -0.7 -0.2 -0.7 -0.0 -0.0 -0.5 -0.7 -0.0 -0.0 -0.7 -0.0 -0.7 -0.0 -0.7 -0.0 -0.7 -0.0 -0.7 -0.0 -0.7 -0.0 -0.7 -0.0 -0.0	2.3 2.9 4.8 6.0 4.7 1.7 3.2 1.0 4.4 3.8 3.2 2.0 3.2 2.0 3.6 1.8 3.5 1.8 3.5 1.8 3.5 1.8 3.5 1.0 1.0 4.7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	4 5 5 10 1 1 5 5 5 5 9 9 9 3 3 3 4 4 8 5 5 9 0 1 1 1 2 2 13 1 1 1 1 1 1 1 1 1 2 2 1 3 5 5 6 6 6 4 6 6 1 3 3 8 8 10 5 8	10
SAESON SA	2.256 19,779 2.256 6,890 9.186 6,890 9.186 4,761 11,190 4,761 1,902 4,076 1,902 1,90	Daily -0.2 -0.1 -0.9 -0.0 -0.5 -0.1 -0.9 -0.0 -0.1 -0.9 -0.1 -0.1 -0.9 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1	2.3 2.9 4.8 2.1 4.8 6.0 4.7 1.1 5.0 4.2 1.9 4.4 1.1 1.2 1.9 1.2 1.9 1.2 1.9 1.2 1.9 1.2 1.9 1.2 1.9 1.2 1.9 1.2 1.9 1.2 1.9 1.2 1.9 1.2 1.9 1.2 1.9 1.2 1.9 1.2 1.9 1.2 1.9 1.2 1.9 1.2 1.9 1.2 1.9 1.2 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9	4 5 5 10 1 1 5 5 5 5 9 9 9 3 3 3 4 4 8 5 5 9 9 1 1 1 2 2 13 1 1 1 1 1 1 1 1 1 1 1 1 1	10 14 1 1 10 2 4 4 4 3 3 -14 4 1 1 23 37 7 9 1 5 1 1 26 6 6 7 7 -11 1 26 6 6 7 7 -11 3 6 6 7 7 -11 1 6 7 7 7 9 7 9 1 7 9 9 1 9 1 9 1 9 1 9 1 9
SASE DE	2.256 19,779 19,155 6,890 9,186 6,890 11,190 4,261 11,190 4,261 11,190 1	Daily -0.2 -0.1 -0.9 -0.0 -0.0 -0.0 -0.1 -0.0 -0.0 -0.1 -0.1	2.3 2.9 4.8 2.0 4.7 4.1 4.7 7.7 3.2 3.6 3.8 2.0 4.2 4.1 4.8 2.0 4.2 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1	4 5 10 1 1 5 5 5 5 9 9 9 -3 4 8 8 5 9 9 0 1 1 -1 -2 2 13 11 11 22 13 19 9 9 7 7 9 22 5 5 5 15 6 6 6 4 6 6 13 3 8 8 10 5 8 8 11 1 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	100 141 151 151 151 151 151 151 151 151 151
SAEPON DOWN JOINES NINGER FTSE 100 GENERAL SAE AREAS BERNAN MAN AND AND AND AND AND AND AND AND AND A	2,256 19,779 19,155 6,890 9,186 6,690 11,190	Daily -0.2 -0.1 -0.8 -0.9 -0.0 -0.0 -0.1 -0.2 -0.1 -0.3 -0.2 -0.1 -0.3 -0.3 -0.4 -0.4 -0.5 -0.5 -0.1 -0.5 -0.1 -0.5 -0.1 -0.5 -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 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.6 -0.5 -0.6 -0.5 -0.6 -0.5 -0.6 -0.5 -0.6 -0.6 -0.7 -0.	2.3 4.8 4.0 4.7 4.1 4.1 4.7 4.1 4.1 4.1 4.2 4.3 3.6 4.3 3.6 4.3 3.6 4.3 4.3 4.3 3.6 4.7 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1	4 5 5 10 1 1 5 5 5 5 5 9 9 9 -3 -3 4 8 5 5 9 9 0 1 1 -1 -2 2 2 13 13 19 9 7 7 9 22 2 5 5 5 5 6 6 6 4 6 6 13 3 3 8 8 10 5 5 8 8 11 6 6 6 6	10 14 1 1 10 -2 4 4 4 3 3 -14 1 1 23 37 9 15 1 16 6 7 -11 1 16 6 7 -11 1 16 6 7 -11 1 16 6 7 -11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAME DISTRICT OF THE DISTRICT	2.256 (19.779 9.186) (19.779 9.186) (19.779 9.186) (19.729 9.186)	0.8 0.2 0.1 0.8 0.9 0.9 0.9 0.9 0.9 0.1	2.3 2.9 4.8 4.6 6.0 4.7 7.7 7.2 7.2 1.0 1.0 2.0 4.4 4.1 1.3 8.5 1.8 1.8 2.0 3.2 2.0 1.8 3.5 1.8 5.0 1.8 1.8 5.0 1.8 1.8 5.0 1.8 1.8 1.8 5.0 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8	4 5 5 10 1 1 5 5 5 5 9 9 9 -3 -3 -4 8 8 5 9 9 1 1 1 6 11 1 1 1 1 1 1 1 1 1 1 1 1	10 14 1 10 10 2 4 4 4 4 3 37 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAES DE SAES D	2,256 19,779 19,155 6,890 9,188 6,890 118,370 6,400 72,975 44,761 118,370 6,400 72,975 84,7 76,240 7	0.8	2.3 2.9 4.8 4.6 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6	4 5 5 10 1 1 5 5 5 5 9 9 9 -3 -3 -4 8 8 5 9 9 1 1 1 -2 1 2 2 2 1 1 3 1 3 1 1 1 1 2 2 2 2 5 5 5 1 5 6 6 6 6 1 3 3 8 8 10 5 5 8 8 10 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	10 14 1 10 2 2 4 4 4 3 37 14 1 1 2 3 37 7 9 15 1 26 6 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SARESON Dow Jones Nikies FTSE 100 Exception S BEX ASS Affers MSG Latam* Bhovepa tillings Moscott Mosc	2256 19.779 9.1889 19.1	0.1) 0.10 0.10 0.10 0.10 0.10 0.10 0.10	2.3 2.9 4.8 6.0 4.7 4.1 4.8 6.0 4.2 2.0 3.2 3.6 1.8 3.5 1.6 5.7 11.2 9.6 5.7 11.2 9.6 5.7 11.2 9.6 5.7 11.2 9.6 12.8 12.5 12.9 12.8 12.5 12.9 12.8 12.5 12.9 12.8 12.5 12.9 12.8 12.5 12.9 12.9 12.8 12.5 12.9 12.8 12.5 12.9 12.8 12.5 12.9 12.8 12.5 12.9 12.8 12.5 12.9 12.8 12.5 12.9 12.8 12.5 12.9 12.8 12.5 12.9 12.8 12.5 12.5 12.9 12.8 12.5 12.5 12.5 12.5 12.5 12.5 12.5 12.5	4 5 5 10 1 1 5 5 5 5 9 9 9 3 3 3 4 4 8 5 5 9 0 1 1 1 2 2 13 19 9 9 7 9 9 2 2 2 5 5 5 15 6 6 6 6 13 3 3 8 10 1 6 6 6 6 6 13 Morethly Moreth	100 141 151 151 151 151 151 151 151 151 151
SARPON DOWN JOINES NOISE SARPON DOWN JOINES NOISE FTSE 100 CERCONNOISE AND DOWN DOWN DOWN DOWN DOWN DOWN DOWN DO	Energy E	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2.3 2.9 4.8 4.0 4.7 7.2 4.8 6.0 7.1 1.0 3.2 2.0 3.2 3.2 3.3 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6	4 5 5 10 1 1 5 5 5 5 5 9 9 9 -3 -3 4 4 8 5 5 9 9 1 1 1 1 22 1 3 1 1 1 1 22 1 3 1 1 1 1 2 2 2 2	10 14 1 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1
SALES DE LOS DEL LOS DE LOS DEL LOS D	2,256 19,779 19,155 6,890 91,108 91,108 11,108 11,109 11,1	0.10	2.3 (2.9 4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.8	4 5 5 10 1 1 5 5 5 5 5 9 9 9 -3 -3 4 8 8 5 5 9 0 1 1 1 2 2 2 5 5 5 15 6 6 6 6 13 3 3 8 8 10 5 5 8 11 1 6 6 6 6 13 1 1 1 1 6 6 6 6 13 1 1 1 1	100 141 110 121 121 121 121 121 121 121 121 12
SAREDIO SOREO SOREE SOREO SORE	19,779 2,256 19,779 2,256 19,779 2,256 2	Daily Oct Oc	2.3 2.9 4.8 4.7 4.1 4.1 4.7 4.1 4.7 7.7 3.2 3.6 4.8 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6	4 5 5 100 1 5 5 5 5 5 9 9 9 3 3 3 4 8 8 5 9 9 0 1 1 -1 2 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1	100 141 151 141 151 151 151 151 151 151 151
SAREADOR SAR	19,779 2,256 19,779 2,056 19,779 2,056 19,779 2,056 19,759 2,056	Daily Dail	2.3 2.9 4.8 4.6 4.7 4.1 4.7 7.7 3.2 3.6 1.3 3.8 2.0 3.6 1.2 3.6 1.2 3.6 1.3 3.5 1.6 5.7 1.1 1.6 5.7 1.1 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1	4 5 5 10 1 1 5 5 5 5 5 9 9 9 3 3 3 4 8 8 5 9 9 1 1 1 1 2 2 2 2 5 5 5 10 5 6 6 6 6 13 3 8 8 10 5 5 6 6 6 6 13 8 8 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100 141 141 15 151 151 151 151 151 151 151
SALES DE LEUR SA	Limit Limi	0.1) 0.1) 0.2 0.2 0.3 0.9 0.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2.3 (2.9 4.8 4.7 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1	4 5 5 100 1 5 5 5 5 5 9 9 9 3 3 4 4 8 8 5 10 1 1 -1 2 2 13 19 9 7 7 9 9 2 2 2 5 5 6 6 4 4 6 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100 141 11 12 2 4 4 3 3 14 1 1 1 2 2 6 6 6 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAME DISTANCE OF THE PROPRIES	19,779 2,256 19,779 19,155 6,890 19,779 19,155 6,890 19,179 19,155 6,890 19,179 19,155 19,15	Daily Dail	2.3 4.8 4.8 6.0 4.7 4.1 4.1 1.9 2.2 2.3 2.3 2.3 2.3 2.3 2.3 2.3	4 5 5 10 1 5 5 5 5 5 5 9 9 9 3 3 3 4 8 8 5 9 9 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100 141 11 12 141 141 141 141 141 141 141 1
SAREADOR SAR	19,779 2,256 19,779 2,256 19,779 2,256 2	0.10	2.3 2.9 4.8 6.0 6.0 4.7 4.1 7.1 2.2 4.1 1.0 4.4 4.7 4.1 7.1 2.2 4.1 1.0 4.4 4.1 1.0 4.	4 5 5 100 15 5 5 5 5 5 9 9 9 3 3 3 4 8 8 5 9 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100 141 151 141 151 151 151 151 151 151 151
SALES DE SAL	19,779 2,256 19,779 19,155 6,890 19,779 18,370 18,370 18,370 18,370 18,370 18,370 18,370 18,370 18,370 18,370 19,	Daily Dail	2.3	4 5 5 10 10 5 5 5 5 5 9 9 9 9 3 4 8 8 5 5 9 9 9 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100 141 11 122 144 14 3 15 15 16 16 17 16 17 17 17 17 17 17 17 17 17 17 17 17 17
SALES DE LA CONTRA DEL CONTRA DE LA CONTRA D	19,779 2,256 19,779 19,155 6,390 19,779 19,155 6,390 19,179 19,155 6,390 19,179 19,155 19,15	Daily Dail	2.3 2.9 4.8 4.6 4.6 4.7 4.1 7.7 7.1 3.9 2.0 4.8 1.8 2.0 2.0 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8	4 5 5 10 10 5 5 5 5 5 5 9 9 9 3 3 4 8 8 5 9 9 9 1 1 1 2 2 1 2 1 2 1 2 1 2 1 2 1 2	100 141 11 122 144 14 15 15 15 15 15 15 15 15 15 15 15 15 15
SALES DE LA CONTRA DEL CONTRA DE LA CONTRA D	19,779 2,256 19,779 19,155 6,890 19,779 19,155 6,890 19,779 18,370 18,370 18,370 18,370 18,370 18,370 19,3	Daily Oct Oc	2.3 2.9 4.8 6.0 4.7 4.8 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0	4 5 5 10 10 5 5 5 5 5 9 9 9 9 3 4 8 8 5 5 9 9 9 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100 141 11 122 144 14 3 15 15 16 16 17 16 17 17 17 17 17 17 17 17 17 17 17 17 17
SAES DE SAES D	19,779 2,256 19,779 2,256 19,779 2,256 2	0.10	2.3	4 5 5 10 1 5 5 5 5 5 9 9 9 3 3 4 8 5 5 9 9 9 9 9 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1	100 141 15 15 15 16 16 17 17 17 17 17 17 17 17 17 17 17 17 17
SAME DATE OF THE STATE OF THE S	19,779 19,155 19,779 19,155 19,175 19,155 1	Daily Dail	2.3 2.9 4.8 6.0 4.7 4.1 7.7 2.1 2.2 2.3 2.3 2.4 4.8 2.0 2.0 2.0 2.1 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0	4 5 110 5 5 5 5 5 9 9 9 3 3 4 8 5 5 9 9 9 1 1 2 2 2 5 5 10 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	100 141 11 12 12 14 14 13 14 14 15 15 16 6 6 6 15 15 16 16 16 16 16 16 16 16 16 16 16 16 16
SARPORO DOW Jones Notes FTSE 100 CENTROLLER SARPORO DOW JONES Notes FTSE 100 CAC MIB ACA MIB	Energy E	Daily Dail	2.3 2.9 4.8 4.6 4.7 4.1 4.7 4.1 7.7 7.1 1.9 4.4 1.8 2.0 2.0 1.8 3.6 1.8 3.6 1.8 1.8 3.6 1.8 1.8 3.6 1.8 1.8 3.6 1.8 1.8 3.6 1.8 1.8 3.6 1.8 1.8 3.6 1.8 1.8 3.6 1.8 1.8 3.6 1.8 1.8 3.6 1.8 1.8 3.6 1.8 1.8 3.6 1.8 1.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3	4 5 5 5 5 5 9 9 9 3 4 8 8 5 9 9 9 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1	100 141 11 11 12 12 14 14 13 11 11 11 12 12 14 14 14 15 18 18 18 18 18 18 18 18 18 18 18 18 18
SAREADOR SAR	Energy E	Daily Oct Oc	2.3	4 5 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100 141 11 12 14 14 13 14 14 13 17 12 18 18 18 18 18 18 18 18 18 18 18 18 18





Developed Markets		anges in t	(OC		
JS (2-yr)	level 1.14	Daily 0.4	Week	Month 22	YTD 9
JS SER (2-yr)	2.48 -0.74	1.1	8.4 -3.8	33 -12	21 -40
Germany France	0.40	3.4 5.5	6.6	13 19	-23 -12
Spain taly	1.50	-1.5 -4.5	-5.3 1.1	11	-27 40
Portugal	3.83	-1.6	12.8	43	132 -156
Greece Japan (2-yr)	6.72 -0.18 0.09	2.5 -0.1 4.7	18.4 -0.1 12.5	-53 7	-17
lapan Emerging Markets	0.09 level	4.7 Daily	12.5 Weekly	-18 Monthly	-18 YTD
Brazil	11.94 4.45	5.4 1.0	-12.8 -14.8	-4 23	-458 -23
Colombia	7.27	0.0	-9.2	-31	-139
Mexico Peru	7.31 6.28	0.0	0.4 -6.5	24 56	105 -119
Poland	3.64 8.51	2.8	-12.7 -25.9	31 -29	70 -104
f urkey ndia	11.19 6.44	16.0	10.0	85	72 -132
ndonesia	7.66	0.0	22.4 -40.2	-22 18	-108
Country Developed Markets	risk (bp, chang level	es in bp) Daily	Weekly	Monthly	YTD
10-yr sovereign spread vs Germany	47	2.1	1.2	6	11
taly	160	-7.9	-5.5	-3	63
Portugal Spain	343 110	-5.0 -4.9	6.2 -11.9	31 -2	155 -4
2-yr so vereign spread vs Germany rance	14	0.2	2.6	11	11
talv	63	-2.9	-12.9	-2	32
Portugal Spain	97 46	-4.3 -4.5	-5.6 -10.5	0	52 11
Emerging Markets 5-yr sovereign CDS *	level	Daily	Weekly	Monthly	YTD
Brazil	287	2	-22	17	-205
Chile Colombia	78 169	2	-8 -22	-17 -7	-49 -70
Mexico	160	2	-22	-4	-10
Peru Venezuela	108 3,876	2 76	-13 -482	0 369	-77 -2168
Poland	79	0	-4	0	7
Russia Turkey	197 279	-3 0	-19 -19	-21 13	-104 6
China India	112 127	0	-5 -5	3 -8	-22
Indonesia	155	0	-17	-3	-72
Volatilty indicators (%)	Risk indicators level	Daily	Weekly	Monthly	YTD
VIX	13	6.7	3	-15	-6
VSTOXX EM EFT volatility Index	17 19	1.9 -0.9	-11 -7	-20 -28	-5 -15
Dollar/euro volatility EM FX volatility index	10 11	1.3	-1 4	9	4
redit spread (BAA) (bps)	242	-1.1	1	-17	-81
JS bonds volatility index Banking 5 y CDS (typs) *	76	3.3 Daily	-5 Weekly	-9 Monthly	11 YTD
JS	76	-0.1	-3	4	- 1
EZ JK	124 95	2.6 -0.1	-6 -7	5 4	41 18
arge Spanish Medium Spanish	132 156	1.2	-9 -12	-6 -8	-5 -1
Corporate Sy CDS (bps) *	level	Daily	Weekly	Monthly	YTD
JS Non-financial Z Non-financial	182 104	-0.1 2.6	-3 -6	4 5	1 41
JK Non-financial	126	0.0	-2	.9	-66
Interbank r	narkets (%, ch	nges in b Daily	Weekly	Monthly	YTD
ONIA Index	-0.35	0.00	0.0	0.0	-0.2
Euribor 3m Euribor 12m	-0.32 -0.08	0.00	0.0	0.0	-0.2 -0.1
ibor 3m ibor 12m	0.96 1.65	0.00	0.0	0.1	0.3
Z TED spread 3m	61.1	1.50	0.6	4.3	20.3
	ock markets (
Main indices S&P500	level	Daily -0.2	Weekly 2.3	Monthly 4	YTD 10
Dow Jones	2,256 19,779	0.1	2.9	5	14
Dow Jones Nikkei	19,779 19,155	0.1	2.9 4.8	5 10 1	1
Dow Jones Nikkei FTSE 100 EuroStoxx 50	19,779 19,155 6,890 3,199	0.1 0.8 -0.9 0.0	2.9 4.8 2.1 4.8	10 1 5	1 10 -2
Dow Jones Nikkei ETSE 100 EuroStoxx 50 BEX DAX	19,779 19,155 6,890 3,199 9,186 11,190	0.1 0.8 -0.9 0.0 0.2 -0.1	2.9 4.8 2.1 4.8 6.0 4.7	10 1 5 5	1 10 -2 -4 4
Oow Jones Nikkei TSE 100 EuroStoxx 50 BEX DAX CAC	19,779 19,155 6,890 3,199 9,186 11,190 4,761	0.1 0.8 -0.9 0.0 0.2 -0.1 -0.1	2.9 4.8 2.1 4.8 6.0 4.7 4.1	10 1 5 5 5	1 10 -2 -4 4 3
Ook Jones (Ilidei) TSE 100 EuroStoxx 50 BEX OAX CAC	19,779 19,155 6,890 3,199 9,186 11,190 4,761 18,370 640	0.1 0.8 -0.9 0.0 0.2 -0.1 -0.1 0.4	2.9 4.8 2.1 4.8 6.0 4.7 4.1 7.7 3.2	10 1 5 5 5 5 9	1 10 -2 -4 4 4 3 -14
Dow Jones Wilder TSE 100 LaroStox 50 BEX JAX JAX JAC MIB BSE Affens 45C Latam* boxeppa (Brazil)	19.779 19.155 6.890 3.199 9.186 11.190 4.761 18.370 640 72.978 59.263	0.1 0.8 -0.9 0.0 0.2 -0.1 -0.1 0.4 0.0 0.3 -2.0	2.9 4.8 2.1 4.8 6.0 4.7 4.1 7.7 3.2 1.9	10 1 5 5 5 5 9 9	1 10 -2 -4 4 3 -14 1 23 37
Dow Jones (Wikker TTSE 100 EECONOMIS 50 BEX DAX CACAC MIB SES Attents SES Attents SES Clattens boverpag (Grazil) Methol	19,779 19,155 6,890 3,199 9,186 11,190 4,761 18,370 640 72,978 59,263 46,913	0.1 0.8 -0.9 0.0 0.2 -0.1 -0.1 0.4 0.0 0.3 -2.0	2.9 4.8 2.1 4.8 6.0 4.7 4.1 7.7 3.2 1.9 -1.0	10 1 5 5 5 5 9 9 -3 -3	1 10 -2 -4 4 3 -14 1 23 37 9
Jow Jones Wikke TISE 100 BEX SON BEX	19,779 19,155 6,890 3,199 9,186 11,190 4,761 18,370 640 72,978 59,263 46,913 4,874 1,883	0.1 0.8 -0.9 0.0 0.2 -0.1 -0.1 0.4 0.0 0.3 -2.0 0.0 -0.4 -0.9	2.9 4.8 2.1 4.8 6.0 4.7 4.1 7.7 3.2 1.9 -1.0 4.4 3.8 2.0	10 1 5 5 5 5 9 9 -3 -3 4 8 5	1 10 -2 -4 4 3 -14 1 23 37 9 15
Jown Jones (Made TTSE 100 LucroStox 50 BEX JOX AC	19,779 19,155 6,890 3,199 9,186 11,190 4,761 18,370 640 72,978 59,263 46,913 4,874 1,883 2,227 76,240	0.1 0.8 -0.9 0.0 0.2 -0.1 -0.1 0.4 0.0 0.3 -2.0 0.0 -0.4 -0.9 -0.1 0.7	2.9 4.8 2.1 4.8 6.0 4.7 4.1 7.7 3.2 1.9 -1.0 4.4 3.8 2.0 3.2 3.6	10 1 5 5 5 5 5 9 9 -3 -3 4 8	1 10 -2 -4 4 3 -14 1 23 37 9 15 1 26 6
Jow Jones (Made TTSE 100 LivenStox 50 BEX JOX AC AC CAC GEN SSE Affects SSE Affects SSE CLEAR CONCESSED CONCESSED SSE CLEAR CO	19,779 19,155 6,890 3,199 9,186 11,190 4,761 18,370 640 72,978 59,263 46,913 4,874 1,883 2,227 76,240 706	0.1 0.8 -0.9 0.0 0.2 -0.1 -0.1 0.4 0.0 0.3 -2.0 0.0 -0.4 -0.9 0.8 0.7 -0.2	2.9 4.8 2.1 4.8 6.0 4.7 4.1 7.7 3.2 1.9 4.4 3.8 2.0 3.2 3.6 1.8	10 1 5 5 5 5 5 9 9 -3 -3 4 8 5 9	1 10 -2 -4 4 3 -14 1 23 37 9 15 1 26 6
Jown Jones (Made TTSE 100 LucroStox 50 BEX JOX AC	19,779 19,155 6,890 3,199 9,186 11,190 4,761 18,370 640 72,978 59,263 46,913 4,874 1,883 2,227 76,240	0.1 0.8 -0.9 0.0 0.2 -0.1 -0.1 0.4 0.0 0.3 -2.0 0.0 -0.4 -0.9 0.8 0.7 -0.2 -2.5 0.1	2.9 4.8 2.1 4.8 6.0 4.7 4.1 7.7 3.2 1.9 -1.0 4.4 3.8 2.0 3.2 3.6	10 1 5 5 5 5 5 9 9 -3 -3 4 8 5 9	1 10 -2 -4 4 3 3 -14 1 23 37 9 15 1 26 6 7 -11
Dow Jones Wilded TTSE 100 TTSE 100 BEX ANX ACA ACA ACA ACA ACA ACA AC	19,779 19,155 6,890 3,199 9,186 11,190 4,761 18,370 640 72,978 59,263 46,913 4,874 1,883 2,227 76,240 706 3,153 5,308 level	0.1 0.8 -0.9 0.0 0.2 -0.1 -0.1 0.4 0.0 0.3 -2.0 0.0 -0.4 -0.9 0.8 0.7 -0.2 -0.1	2.9 4.8 2.1 4.8 6.0 4.7 4.1 7.7 3.2 1.9 1.0 4.4 3.8 2.0 3.6 1.8 -1.6 1.2 Weekly	10 1 5 5 5 5 9 9 -3 -3 4 8 5 9	1 10 -2 -4 4 3 3 -14 1 23 37 9 15 1 26 6 7
Dow Jones Wilded TSE 100 BEX AX AX AX ACA ACA ACA ACA ACA ACA ACA A	19,779 19,155 6,890 3,199 9,186 11,190 4,761 18,370 640 72,978 59,263 4,874 1,883 2,227 76,240 706 3,153 5,308 kevel	0.1 0.8 -0.9 0.0 0.2 -0.1 -0.1 0.4 0.0 0.3 -2.0 0.0 -0.4 -0.9 0.8 0.7 -0.2 -2.5 0.1 Daily -1.4	2.9 4.8 2.1 4.8 6.0 4.7 4.1 7.7 3.2 1.9 4.4 3.8 2.0 3.2 3.6 1.8 Weekly 3.6 1.8	10 1 5 5 5 5 5 9 9 -3 -3 4 8 5 9 0 1 -1 -2 Monthly 16 11	1 10 -2 -4 4 3 -14 1 23 37 9 15 1 26 6 7 -11 16 VTD 25 28
Down Jones Hikke Hikke Historisons 50 HIST HISTORISON HIST HISTORISON HIST HISTORISON HIST HISTORISON HISTORIS	19,779 19,155 6,890 3,199 9,186 611,190 4,761 18,370 640 72,978 59,263 46,913 4,874 1,883 2,227 76,240 706 3,153 5,308 kevel	0.1 0.8 -0.9 0.0 0.2 -0.1 -0.1 0.4 0.0 0.0 -0.4 -0.9 -0.4 -0.9 -0.1 -	2.9 4.8 2.1 4.8 6.0 4.7 4.1 7.7 3.2 1.9 1.0 4.4 3.8 2.0 3.6 1.8 -1.6 1.2 Weekly 3.6	10 1 5 5 5 5 9 9 -3 -3 4 8 5 9 0 1 -1 -2 Monthly 16 11	1 10 -2 -4 4 4 3 -14 1 23 37 9 15 1 26 6 7 -11 16 YTD 25
Down Jones Wilded TTSE TION TTSE TION TSE TION T	19,779 19,155 6,890 3,199 9,186 11,190 4,761 18,370 640 72,978 59,263 46,913 4,874 706 3,153 5,308 1evol 117,7 84,7 59,3 22,8 42,9	0.1 0.8 -0.9 0.0 0.2 -0.1 0.4 0.0 0.3 -2.0 0.0 -0.4 -0.9 0.8 0.7 -0.2 -2.5 0.1 Daily -0.9 -1.1 -1.1 -1.1	2.9 4.8 6.0 4.7 4.1 7.7 3.2 1.9 4.4 3.8 2.0 4.4 3.8 2.0 4.6 1.2 Weekly 3.6 1.8 3.5 4.6 2.0	10 1 5 5 5 5 9 9 -3 -3 4 8 5 9 0 1 -1 -2 Monthly 16 11 11 22 13	1 100 -2 -4 4 3 3 -14 1 23 37 9 15 1 26 6 7 -11 16 5 25 28 15 36 35
Down Jones Wilded TISE 100 TISE 100 BEX SOLUTION BEX SOLUTION MISS SEA Alterns MSCI Latam * bove-spa (Biratil) Most MSCI Extra MSCI Miss Miss Miss Miss Miss Miss Miss Mis	19,779 19,155 6,890 3,199 9,186 11,190 4,761 18,370 640 72,978 59,263 46,913 4,874 1,883 2,227 76,240 706 3,153 5,308 117,7 84,7 59,3 22,8 42,9 238,2 99,5	0.1 0.8 0.9 0.0 0.2 0.1 0.4 0.0 0.3 -2.0 0.0 0.4 -0.9 0.8 0.7 -0.2 -2.5 0.1 0.1 1.4 -0.9 1.4 -0.9 1.4 -0.1	2.9 4.8 6.0 4.7 4.1 7.7 4.1 7.7 3.2 1.9 -1.0 4.4 3.8 2.0 4.2 Weekly 3.6 1.8 3.5 4.6 2.0 4.2 9.6	10 1 5 5 5 5 9 9 -3 -3 4 8 5 9 0 1 -1 -2 Monthly 16 11 11 11 122 13 19 9	1 10 2 4 4 4 3 3 7 9 15 1 26 6 6 7 -11 16 YTD 25 28 35 32 2 8
Down Jones Wikkel Wikkel TISE TION TION TISE TION TION TION TION TION TION TION TION	19,779 19,155 6,890 3,199 9,186 11,190 4,761 18,370 640 72,978 59,263 46,913 4,874 1,883 2,227 76,240 706 3,153 5,308 level 112,77 59,3 22,8 42,9 238,2 238,2	0.1 0.8 0.9 0.0 0.2 0.1 0.1 0.0 0.3 2.0 0.0 0.3 2.0 0.0 0.4 4.0 9.8 0.7 7 0.2 2.5 0.1 0.1 1.4 1.4 1.5 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	2.9 4.8 6.0 4.7 4.1 7.7 4.1 7.7 3.2 1.9 1.0 4.4 3.8 2.0 3.2 3.6 1.8 1.6 1.2 Weekly 3.6 1.8 3.5 4.6 7.1	10 1 5 5 5 5 9 9 -3 -3 4 8 5 9 0 1 -1 -2 Monthly 16 11 11 22 13	1 10 2-2 -4 4 4 1 1 23 3 -14 1 1 26 6 7 -11 16 7 7 10 25 28 15 32 -8 13 13
Down Jones Wikkel Wikkel TSE TION TSE T	19,779 19,155 6,890 3,199 9,186 11,190 4,761 18,370 640 72,978 4,874 1,883 2,227 76,240 7,06 3,153 5,308 1,000 112,7 84,7 59,3 22,8 42,9 238,2 99,5 59,2 11,6 17,3	0.1 0.8 0.9 0.0 0.2 0.1 0.1 0.1 0.0 0.3 2.0 0.0 0.4 4.0 9 0.7 0.2 2.5 0.1 1.3 1.4 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	2.9 4.8 6.0 4.7 4.1 7.7 3.2 1.9 4.4 8 2.0 3.2 1.6 1.8 3.5 4.6 2.0 4.2 4.2 4.6 7.1 6.5 7.1	10 1 5 5 5 5 9 9 -3 -3 -4 8 5 9 0 1 -1 -2 16 11 11 11 12 2 13 19 9 9 7 9 9 9 7 9	1 10 2-2 44 4 4 3 3-14 1 23 37 9 15 1 26 6 6 7 -11 16 6 6 35 32 2 8 13 6 6 23 8 22 8
Down Jones Wikkel Histories So	19,779 19,155 6,890 3,199 9,186 11,190 4,761 18,370 640 72,978 59,263 46,913 4,874 1,883 2,227 7,624 7,06 3,153 5,308 117,7 59,3 22,8 42,9 238,2 99,5 59,2 11,6 17,3 13,6 2,3	0.1 0.8 0.9 0.0 0.2 -0.1 0.1 0.4 0.0 0.3 -2.0 0.0 0.3 -2.0 0.1 0.1 0.1 0.1 1.4 1.5 0.6 0.5 0.6 0.6 0.6 0.6 0.7	2.9 4.8 2.1 4.8 6.0 4.7 4.1 7.7 3.2 1.9 1.0 4.4 4.3 3.8 2.0 3.6 1.8 3.5 4.6 7.1 1.2 Veckly 3.6 7.1 1.2 9 5.7 1.2 9 5.7 1.1 1.2 1.2 1.2 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	10 1 5 5 5 9 9 -3 -3 4 8 5 9 0 1 1 -1 -2 2 13 19 7 9 2 2 5 5	1 100 -2 -4 4 4 3 -14 4 1 23 37 9 15 1 26 6 7 7 -11 16 5 28 8 15 36 6 35 32 -8 13 6 -23 10 10 24
Down Jones Wikkel Wikel	19,779 19,155 6,890 3,199 9,186 11,190 4,761 18,370 640 72,978 59,263 4,874 1,833 2,227 76,20 766 2,308 5,30	0.1 0.8 0.9 0.0 0.2 0.1 0.1 0.4 0.0 0.0 0.0 0.2 2.0 0.0 0.0 0.2 2.0 0.0 0	2,9 4,8 4,7 4,7 4,1 4,7 7,7,7 3,2 1,9 1,0 4,4 4,3 3,6 1,8 3,6 1,2 2,0 4,2 4,2 4,2 4,2 4,2 4,2 4,1 4,1 4,1 4,1 4,1 4,1 4,1 4,1 4,1 4,1	10 1 5 5 5 5 5 9 9 -3 3 4 8 8 5 9 0 1 -1 -2 Monthly 16 11 11 12 2 9 7 9 9 7 9 9 7	1 1 1 2 2 4 4 4 3 3 -14 4 1 1 2 3 3 3 7 7 9 1 5 1 1 6 6 6 7 -11 1 1 6 7 1 1 6 2 5 2 8 1 5 3 2 8 8 1 3 6 2 3 3 1 0 2 4 8 8
Down Jones Wikkel Wikkel TSE TION TSE TION TOWN TOWN TOWN TOWN MICH SEA MICH SEE AMENS MICH SEE	19,779 19,155 6,890 3,199 9,186 11,190 4,761 18,377 640 72,978 59,263 46,913 4,874 1,833 2,227 76,240 706 640 706 640 706 640 706 640 706 640 71,183 5,208 11,77 64,77 6	0.1 0.8 0.9 0.0 0.2 0.1 0.1 0.1 0.0 0.3 -2.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2.9 4.8 2.1 4.8 6.0 4.7 4.7 1.9 1.9 1.9 2.0 3.2 2.0 3.2 3.6 1.8 1.2 2.0 4.7 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	10 1 5 5 5 5 5 9 9 -3 3 4 8 8 5 9 0 1 -1 -2 Monthly 16 11 11 11 22 13 19 9 7 9 9 22 5 5 5	1 1 10 -2 -4 4 3 3 -14 4 1 23 37 9 15 1 26 6 6 7 -11 1 16 5 28 15 36 35 32 28 8 13 6 23 31 0 0 24 4 8 8 5 34 4
Down Jones Wikkel Wikkel TSE TION TSE T	19,779 19,155 6,890 3,199 9,186 11,196 4,761 16,00 72,978 59,263 46,913 4,874 1,883 2,227 76,240 706 3,153 5,208 2,237 76,240 706 3,153 1,208 2,209 11,6 11,7 2,7 84,7 84,7 84,7 84,7 84,7 84,7 84,7 84	0.1 0.8 0.9 0.0 0.2 0.1 0.1 0.1 0.0 0.3 2.0 0.0 0.4 0.9 0.8 0.7 0.2 2.5 0.1 1.4 0.6 1.3 1.2 1.8 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9	2.9 4.8 2.1 4.8 6.0 4.7 4.7 4.1 9.1 9.1 9.1 9.1 9.1 9.1 9.1 9.1 9.1 9	10 1 5 5 5 5 9 9 -3 -3 -4 8 5 5 9 1 1 -1 -2 2 Monthly 11 12 2 13 19 9 7 9 9 22 5 5 15 6 6 4 6	1 1 10 -2 -4 4 3 3 -14 1 1 23 37 9 15 1 26 6 7 7 -11 1 25 32 8 15 32 28 8 13 36 6 23 10 24 8 8 53 4 4 22 29
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Down Jones (Midde TISE TOD TIME MISSISSUES TISE TOD TIME MISSISSUES TIME MISS	19.779 19.155 6.890 6.890 19.155 6.890 6.890 11.90 9.186 6.91 11.90 11.9	0.1 0.8 0.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2.9 4.8 2.1 4.8 6.0 6.0 4.7 4.1 7.7 7.2 2.0 3.6 3.6 1.8 2.0 3.6 1.8 2.0 4.2 4.4 4.3 3.6 1.8 2.0 4.7 4.1 1.0 4.7 4.1 1.0 4.7 4.1 1.0 4.7 4.1 1.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4	100 1 1 5 5 5 5 5 9 9 9 9 3 3 3 4 4 8 5 9 9 0 1 1 -1 2 2 2 1 3 1 1 1 1 1 2 2 2 5 5 5 5 5 5 5 5 9 9 9 9 9 9 9 9 9	1 1 10 22 4 4 3 3 14 1 1 23 37 9 15 1 26 6 7 -11 1 25 32 8 15 32 8 8 13 3 6 5 23 4 4 6 6 0 7 7 5 5 1 6 0 7 7 5 5 1 6 0 7 7 5 5 1 6 0 7 7 5 5 1 7 5 5 1 7 5 5 1 7 5 5 1 7 5 5 1 7 5 5 1 7 5 5 1 7 5 5 1 7 5 1 7 5 1 7 5 1 7 5 1 7 5 1 7 7 5 1 7 7 5 1 7 7 7 5 1 7 7 7 7
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Down Jones Wikkel Wikke	19.779 19.155 6.890 6.890 6.890 11.1000 11.1000 11.1000 11.1000 11.1000 11.1000 11.1000 11.1000 11.1	0.1 0.8 0.9 0.0 0.0 0.0 0.0 0.1 0.1 0.1 0.1 0.1 0.1	2.9 4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.8	10 1 5 5 5 5 9 9 9 -3 3 4 4 8 5 9 0 1 1 -1 -2 13 19 9 7 7 9 9 22 2 5 5 6 6 6 4 4 6 6 6 13 3 8 8 10 6 6 6 6 13 10 11 11 11 11 11 11 11 11 11 11 11 11	1 10 2-2 4 4 4 3 3-14 4 12 25 25 28 32 2 2-29 4 4-16 6 0 7 7-5 -13 10 10 10 10 10 10 10 10 10 10 10 10 10
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Down Jones Wikkel Wikkel Wikkel Wikkel Wiker Straff Straff AC WIB SEX Alterna MSC Latterna	19.779 19.155 6.890 6.890 19.156 6.890 6.890 11.90 9.186 6.91 11.90 6.92 6.93 11.92 11.92 11.92 11.93	0.1 0.8 0.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2.9 4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.8	10 1 1 5 5 5 5 5 9 9 9 3 3 3 4 8 8 5 9 9 0 1 1 1 2 2 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1	1 10 2-2 4 4 4 3 3 -14 1 1 1 2 3 3 2 9 1 5 1 1 1 1 6 6 7 7 -1 1 1 6 6 6 7 7 1 1 1 6 6 6 7 7 1 1 1 6 6 7 7 1 1 1 6 7 1 1 1 6 7 1 1 1 6 7 1 1 1 6 7 1 1 1 6 7 1 1 1 6 7 1 1 1 6 7 1 1 1 1
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Down Jones (Midel Midel Mid	19.779 19.155 6.890 6.890 19.156 6.890 6.890 11.190 9.186 6.810 8.80 11.190 11.	0.1 0.8 0.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2.9 4.8 4.8 4.8 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1	10 1 1 5 5 5 5 5 9 9 9 -3 -3 4 4 8 8 9 9 0 1 1 -1 2 12 9 16 11 11 12 12 12 12 12 12 12 12 12 12 12	1 10 2-2 4 4 4 4 3 3 11 5 15 15 15 15 15 15 16 17 17 17 17 17 17 17 17 17 17 17 17 17
Down Jones Wikkel Wikkel ## TSE F100 ##	19.779 19.155 6.896 6.896 11.190 9.186 6.11.190 9.186 6.907 11.190 9.186 6.907 11.190	0.1 0.8 0.9 0.9 0.0 0.1 0.6 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	2.9. 4.8. 4.8. 4.8. 6.0. 4.1. 7.7. 4.1. 7.7. 3.2. 1.9. 4.6. 3.2. 1.9. 4.6. 3.2. 4.6. 3.6. 4.6. 3.6. 4.6. 4.6. 4.6. 4.6	10 1 1 5 5 5 5 5 9 9 9 -3 -3 4 8 8 8 9 9 0 1 1 -1 22 2 13 19 9 9 7 7 11 11 11 11 12 2 2 13 3 8 10 10 10 10 10 10 10 10 10 10 10 10 10	1 10 2-2 4 4 4 4 3 3 5 5 3 6 6 7 7 1 11 11 12 14 4 4 3 3 15 15 1 1 1 2 14 4 4 3 3 15 1 1 1 2 14 4 4 3 3 15 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Down Jones (Midel Midel Mid	19.779 19.155 6.890 6.890 6.890 11.9	0.1 0.8 0.9 0.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2.9 4.8 4.8 4.8 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1	10 1 1 5 5 5 5 5 9 9 9 -3 -3 4 4 8 8 9 9 0 1 1 -1 2 12 9 16 11 11 12 12 12 12 12 12 12 12 12 12 12	1 10 2 2 4 4 4 4 1 1 2 3 3 3 1 1 3 6 6 7 7 1 1 1 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2
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* With one day delay

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