

Market Comment | Sovereign yields increased, with Central Banks in the spotlight

Global Financial Markets Unit 07 Jul 2017

- European sovereign bond yields rose appreciably this week. The release of ECB minutes (see) extended the increases in European yields (Bund topped 0.50%), as ECB members discussed whether to remove the easing bias in monthly asset purchases. Moreover, France's disappointing debt auction giving a signal of investors' cautiousness amid uncertainty about the pace of tightening of monetary conditions in the EZ fuelled the movement. On the other hand, ECB's Peter Praet called for patience in monetary policy, on the back of steady underlying inflation (see). Against this backdrop, the EUR remained strong.
- Increasing yields dragged down stock prices across the board, trimming the gains registered early this
 week on the back of higher-than-expected manufacturing confidence indicators in China (see), the
 US and the euro area (see). Thus, stock prices were little changed at the end of the week, although the
 European banking sector outperformed, benefiting from steeper yield curves and lingering talks about
 adjustments in central banks' monetary policy.
- The release of **FOMC** minutes (see) had little impact among financial investors. The minutes revealed that members were split between raising interest rates at the same time as the balance sheet unwinds or doing it separately, suggesting that interest rate normalization will be shallower than previously thought. The USD inched up this week after mixed employment data, with smaller-than-expected increases in wages, a higher unemployment rate, but higher-than-expected job creation, as pointed to by Non-Farm Payrolls data (see).
- Oil prices were very volatile this week, due to the variety of data on oil supply and demand (oil
 inventories surprised to the downside early this week and late in the week new reports suggested
 increasing US oil production). In addition, Russia dismissed additional oil production cuts (see). Following
 this wobbly market, EM currencies depreciated across the board during the week.

BBVA Research suggest the following reading list:

- The European banking union at three: A toddler with tantrums (see)
- Twenty Years of Time Series Econometrics in Ten Pictures (see)
- Twisted Geniuses or Bumbling Ex-Academics? (see)
- The challenge of China's rise as a science and technology powerhouse (see)
- Central Bank Balance Sheets: Past, Present and Future (<u>see</u>)



Update 18 CET 07 July, 2017 Table 1



Daht markat	o / 10V % -		>		
Debt market Developed Markets US (2-yr)	level 1.40	anges in b Daily 0.1	Week	Month 9	YTD 18
US GER (2-yr)	2.38	1.1	1.3 7.3 -3.3	20 12	-6 17
Germany France	0.56	-0.6 0.8	9.0	29 23	28 12
Spein Italy	1.70 2.32	2.6 4.7	16.5 15.7	14	19 45
Portugal Greece	3.12 5.40	6.1 3.3	9.5	-64	-105 -148
Japan (2-yr) Japan	-0.10 0.09	-0.8 0.1	1.7 4.0	1 2	9
Emerging Markets Brazil	10.50	Daily -2.6	Weekly -3.4	Monthly -33	YTD -91
Chile Colombia Mexico	4.22 6.78 6.84	0.0 -2.5	5.6 35.5	18 64	-11 -32
Peru Poland	5.56	-1.5 -2.3 -3.6	5.7 19.9 5.5	-28 13 18	-80 -91 -34
Russia Turkey	8.01 10.63	6.0	10.7 36.0	24 40	-44 -37
India Indonesia	6.53 7.17	-0.6 23.9	2.1 33.9	-4 22	15 -67
Country r	isk (bp, chang	jes in bp) Daily	Weekly	Monthly	YTD
Developed Markets 10-yr sovereign spread vs Germany	level				
France Italy	37 176	1.4 5.3	2.1 6.7	-5 -27	-16 17
Portugal Spain	257 115	6.7 3.2	0.5 7.5	-26 -15	-105 -1
2-yr so vereign spread vs Germany France	24	-2.4	3.9	2	13
Italy Portugal	49 72	2.4	2.4 0.4	-1 -23	-12 -75
Spain Emerging Markets	42 level	-1.7 Daily	10.5 Weekly	-4 Monthly	-6 YTD
5-yr sovereign CDS* Brazil	241	2.7	1	8	-30
Chile Colombia	68 143	1.6	2 6	-1 18	-14 -21
Mexico Peru	116 88	0.4	2	5 -3	-41 -20
Venezuela Poland	4,296 61	72.3 0.0	93	470	390 -14
Russia Turkey	177	2.8	8	25 12	0
China	72 90	2.7 0.1	1 2	-3 -3	-45
India Indonesia	121	-0.3 1.4	4	0	-37 -35
Volatilty indicators (%)	level	Daily	Weekly	Monthly	YTD
VIX VST OXX	12 15	-5.0 -1.7	7 -12	15 4	-1
EM EFT volatility Index Dollar/euro volatility	18	-0.7	12	11 -4	-12 -34
EM FX volatility index Credit spread (BAA) (bps)	8 203	0.9	2	-2 -19	-28 -24
US bonds volatility index	57	0.9	3	4 Monthly	-25
Banking 5y CDS (typs) * US	53 57	Daily 0.3	Weekly 0	-8	-19
EZ UK	49	1.2 2.1	9	-25 -19	-50 -41
Large Spanish Medium Spanish	59 98	1.1 -0.5	-2	-31 -100	-58 -53
Corporate 5y CDS (typs) * US Non-financial	level 143	Daily 0.3	Weekly	Monthly -8	YTD -19
EZ Non-financial UK Non-financial	81 114	1.2 0.4	0	-25 -1	-50 -11
Interbank m	arkets (%, ch	anges in by) Weekly	Monthly	YTD
EONIA Index Euribor 3 m	-0.36 -0.33	0.00	0.0	0.0	0.0
Euribor 12m Libor 3m	-0.16 1.30	0.00	0.0	0.0	-0.1 0.3
Libor 12m EZTED spread 3m	1.75	0.00	0.0	0.0	0.1
	ck markets (40.9	-51.7	-00.4
Main indices	level	Daily	Weekly	Monthly	YTD 6
Dow Jones	2.417 21.366	0.3	0.1	- 1	7
S&P500 Dow Jones Nikkei FTSE 100	21,366 19,929 7,339	0.2 -0.3 0.0	0.1 -0.5 0.4	1 0 -2	7 2 2
Dow Jones Nikkei FTSE 100 EuroStoxx 50 IBEX	21,366 19,929 7,339 3,458 10,460	0.2 -0.3 0.0 -0.1 -0.4	0.1 -0.5 0.4 0.5 0.2	1 0 -2 -3 -4	7 2 2 4
Dow Jones Nikkei FTSE 100 EuroStoxx 50 IBEX DAX CAC	21,366 19,929 7,339 3,458 10,460 12,367 5,134	0.2 -0.3 0.0 -0.1 -0.4 -0.1 -0.3	0.1 -0.5 0.4 0.5 0.2 0.3 0.3	1 0 -2 -3 -4 -2 -2	7 2 2 4 11 7 5
Dow Jones Naked FTSE 100 EuroStoxx 50 IBEX DAX CAC MIB ASF Athens	21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 837	0.2 -0.3 -0.0 -0.1 -0.4 -0.1 -0.3 -0.5 -0.7	0.1 -0.5 0.4 0.5 0.2 0.3 0.3 1.9	1 0 -2 -3 -4 -2 -2 1 8	7 2 2 4 11 7 5 7 27
Dow Jones Nation FTSE 100 EuroStox 50 IBEX DAX CAC MIB ASE Athens MSCI Latam * Ibovespa (Brazi)	21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 837 76,000 62,523	0.2 -0.3 0.0 -0.1 -0.4 -0.1 -0.3 -0.5 -0.7 -0.9	0.1 -0.5 0.4 0.5 0.2 0.3 0.3 1.9	1 0 -2 -3 -4 -2 -2 -2 1	7 2 2 4 11 7 5 7 27 4 2
Dow Jones Nikler FTSE 100 EuroSions 50 BIBX DAX CAC MIB MSC Attens MSC Latam * Blowepa (Bazil) Mobol Mod Latapop *	21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 837 76,000 62,523 49,854 4,878	0.2 -0.3 0.0 -0.1 -0.4 -0.1 -0.3 -0.5 -0.7 -0.9 -0.1 -0.3 -0.2	0.1 -0.5 0.4 0.5 0.2 0.3 1.9 1.7 0.9 -0.6 0.0	1 0 -2 -3 -4 -2 -2 1 8 0 -1 1	7 2 2 4 111 7 5 7 27 4 2 7 -3
Dow Jones Notes FTSE 100 Exception 50 IBEX DAX CAC MSS	21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 837 76,000 62,523 49,854 4,878 2,301	0.2 -0.3 0.0 -0.1 -0.4 -0.1 -0.3 -0.5 -0.7 -0.9 0.1 -0.3 -0.2 -0.0	0.1 -0.5 0.4 0.5 0.2 0.3 0.3 1.9 1.7 0.9 -0.6 0.0 0.9	1 0 -2 -3 -4 -2 -2 1 8 0 -1 1 2 0	7 2 2 4 111 7 5 7 27 4 2 7 -3 15 -16
Dow Jones Notes FTSE 100 Exception 50 IBEX DAX CAC MSS	21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 837 76,000 62,523 49,854 4,878	0.2 -0.3 0.0 -0.1 -0.4 -0.1 -0.3 -0.5 -0.7 -0.9 -0.1 -0.3 -0.2 -0.0 -0.9 -0.3	0.1 -0.5 0.4 0.5 0.2 0.3 1.9 1.7 0.9 -0.6 0.0	1 0 -2 -3 -4 -2 -2 1 8 0 -1 1	7 2 2 4 111 7 5 7 27 4 2 7 -3 15
Dow Jones Nikles FTSE 100 Exercision 50 IEEX OAX OAX OAX OAX OAX OAX OAX OAX OAX OA	21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 837 76,000 62,523 49,854 4,878 2,301 1,906 100,370 822 3,218	0.2 -0.3 -0.0 -0.1 -0.4 -0.1 -0.3 -0.5 -0.7 -0.9 -0.1 -0.3 -0.2 -0.0 -0.9 -0.3 -0.2 -0.0 -0.1	0.1 -0.5 0.4 0.5 0.2 0.3 0.3 1.9 1.7 0.9 -0.6 0.0 0.9 0.1 1.4 -0.1 -0.3 0.8	1 0 -2 -3 -4 -2 -2 1 8 0 -1 1 2 0 2 3 1 1 2 2	7 2 2 4 111 7 5 7 27 4 2 7 -3 15 -16 32
Dow Jones Nikles FTSE 100 Exception 50 BEX DOX CAC ACA CAC CAC BES	21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 837 76,000 62,523 49,854 4,878 2,301 1,906 100,370 822 3,218 5,218	0.2 -0.3 -0.0 -0.1 -0.4 -0.1 -0.3 -0.5 -0.7 -0.9 -0.1 -0.3 -0.2 -0.9 -0.3 -0.2 -0.2 -0.2 -0.2	0.1 -0.5 0.4 0.5 0.2 0.3 0.3 1.9 1.7 0.9 -0.6 0.0 0.9 0.1 1.4 -0.1 -0.3 0.8	1 0 -2 -3 -4 -2 -2 1 8 0 -1 1 2 0 2 3 1 2 2 Monthly	7 2 2 4 11 7 5 7 27 4 2 7 -3 15 -16 32 18 2
Dow Jones Nikles FTSE 100 Exception 50 BEX DOX CAC CAC CAC CAC CAC CAC CAC CAC CAC CA	21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 837 76,000 62,523 49,854 4,878 2,301 1,906 100,370 822 3,218 5,815 level 124,9 93,5	0.2 -0.3 -0.0 -0.1 -0.4 -0.1 -0.3 -0.5 -0.7 -0.9 -0.3 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.1 -0.1	0.1 -0.5 0.4 0.5 0.2 0.3 1.9 1.7 0.9 -0.6 0.0 0.9 1.4 -0.1 -0.3 0.8 -0.3 Weekly 2.3 2.3	1 0 -2 -3 -4 -2 -2 1 8 0 -1 1 2 0 2 3 1 2 2 2 Monthly 8 11	7 2 2 4 111 7 5 7 27 4 2 7 -3 15 -16 32 18 2 10 YTD 4 8
Dow Jones Noke FTSE 100 Exercisors 50 IBEX DOX CAC CAC CAC CAC CAC CAC CAC CAC CAC CA	21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 837 76,000 62,523 49,854 4,878 2,301 1,906 100,370 822 3,218 5,815 level 124,9 93,5 67,7 24,8	0.2 -0.3 -0.0 -0.1 -0.4 -0.1 -0.3 -0.5 -0.7 -0.9 -0.1 -0.3 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.1 -0.1 -0.2	0.1 -0.5 0.4 0.5 0.2 0.3 1.9 1.7 0.9 -0.6 0.0 0.9 0.1 1.4 -0.1 -0.3 0.8 -0.3 Weekly 2.3 2.3 1.3 2.1	1 0 -2 -3 -4 -2 -2 1 8 0 -1 1 2 2 0 2 3 1 2 2 2 Monthly 8 11 9 10	7 2 2 4 111 7 5 7 27 4 2 2 7 -3 15 -16 32 18 2 10 YTD 4 8 10 8
Dow Jones Nikles FTSE 100 Executions 50 BIELX BI	21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 837 76,000 62,523 49,854 4,878 2,301 1,906 100,370 822 3,218 5,215 124,9 93,5 67,7 4,8 4,8 62,7 4,8 62,7 62,7 63,7 64,7 64,7 64,7 64,7 64,7 64,7 64,7 64	0.2 -0.3 -0.0 -0.1 -0.4 -0.1 -0.3 -0.5 -0.7 -0.9 -0.1 -0.3 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2	0.1 -0.5 0.4 0.5 0.2 0.3 1.9 1.7 0.9 -0.6 0.0 0.9 0.1 1.4 -0.3 0.8 -0.3 Weekly 2.3 2.3 2.1 3.7 2.0	1 0 2 -3 -4 -2 -2 1 8 0 -1 1 2 0 0 2 3 1 1 2 2 Monthly 8 11 9 9 10 7 5	7 2 4 111 7 5 7 4 2 7 3 15 -16 32 18 2 10 YTD 4 8 6 6 7 7
Dow Jones Notes FTSE 100 Executions 50 BEX	21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 837 76,000 62,523 49,854 4,878 2,301 1,906 100,370 822 3,218 100,370 62,523 4,624 124,9 93,5 67,7 24,8 46,2 226,3 115,9 65,6	0.2 -0.3 -0.1 -0.4 -0.1 -0.3 -0.5 -0.7 -0.9 -0.1 -0.3 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2	0.1 -0.5 0.4 0.5 0.2 0.3 0.3 1.7 0.9 -0.6 0.0 0.9 0.1 1.4 -0.1 1.4 -0.3 0.8 -0.3 Weekly 2.3 2.3 2.1 3.7 2.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4	1 0 2 -3 -4 -2 -2 -2 1 8 0 -1 1 2 0 0 2 3 1 1 2 2 2 Monthly 8 110 7 7 5 6 3 3	7 2 2 4 4 111 7 5 7 27 4 4 2 7 7 -3 3 15 16 32 18 2 10
Dow Jones Notes FTSE 100 Executions 50 BEX MEX MEX MEX MEX MEX MEX MEX MEX MEX M	21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 837 76,000 62,523 4,878 2,301 1,906 100,370 822 3,218 5,815 level 124,9 93,5 67,7 24,8 46,2 226,3 115,9 65,6 14,6 14,6	0.2 0.3 0.0 0.1 0.4 0.1 0.5 0.7 0.9 0.1 0.3 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	0.1 0.5 0.2 0.3 0.3 0.3 0.3 1.7 0.9 0.6 0.0 0.1 1.4 0.1 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	1 0 2 -2 -3 4 4 -2 -2 -2 1 1 8 0 -1 1 2 0 0 2 3 1 1 2 2 2 Monthly 8 110 7 7 5 6 6 3 5 7 7	7 2 2 4 4 11 7 5 7 27 4 4 2 7 7 3 15 1-16 32 2 18 2 10 9 17 4 8 10 4 19 9 2
Dow Jones Nikles FFSE 100 FESE 100 BERGE BERG BERG	21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 837 76,000 62,523 49,854 4,878 2,301 1,906 100,370 822 3,218 5,815 67,7 44,878 124,6 124,6 14,6 14,6 14,6 15,6 15,6 15,6 15,6 15,6 15,6 15,6 16,6 15,6 16,6 15,6 16,6 15,6 16,6 15,6 16,6 15,6 16,6 15,6 16,6 15,6 15	0.2 0.3 0.0 0.1 0.4 0.3 0.5 0.7 0.9 0.0 0.0 0.0 0.0 0.0 0.2 0.2 0.2	0.1 0.5 0.2 0.3 0.3 0.3 1.9 0.6 0.0 0.0 0.0 0.1 1.4 0.1 0.3 0.8 0.3 0.3 1.9 0.6 0.0 0.0 0.1 1.4 0.1 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.0 0.0	1 0 2 -2 -3 4 4 -4 -2 -2 -2 1 8 0 0 -1 1 2 2 3 1 1 2 2 2 2 1 1 2 2 2 1 1 2 2 3 1 1 1 2 5 5 6 6 3 5 5	7 2 2 4 4 111 7 5 5 7 7 27 4 4 2 7 7 -3 15 -116 32 18 2 10
Dow Jones Notes FTSE 100 Exercision 50 IEEX ONX ONX ONX ONX ONX ONX ONX ONX ONX ON	21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 837 76,000 62,523 49,854 4,878 2,301 1,906 100,370 822 3,218 5,815 67,74 46,2 2,26,3 115,9 65,6 14,6 14,6 15,6 15,6 15,6 15,6 15,6 15,6 15,6 15	0.2 0.3 0.0 0.1 0.4 0.5 0.7 0.9 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	0.1 0.5 0.2 0.3 0.3 0.3 1.9 1.7 0.0 0.9 0.1 1.4 0.1 0.3 0.3 0.3 2.3 1.3 2.3 1.3 2.3 1.3 2.3 2.3 2.3 2.3 2.3 2.4 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5	1 0 -2 -3 -3 -4 -4 -2 -2 -2 -1 1 8 0 -1 -1 1 2 0 0 2 3 1 1 2 2 2 Monthly 8 11 9 10 7 7 5 6 6 3 5 5 7 4 4	7 2 2 4 111 7 5 7 27 4 2 7 3 15 -16 32 18 8 10 YTD 4 8 6 6 7 10 4 19 2 2 12 3 24
Dow Jones Nikles FTSE 100 Exactions 50 BIEX BIEX BIEX BIEX BIEX BIEX BIEX BIEX	21,366 19,929 7,339 3,458 10,460 12,367 76,000 62,523 49,854 4,878 2,301 100,379 822 3,218 5,218	0.2 0.3 0.0 0.1 0.4 0.1 0.3 0.5 0.7 0.9 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	0.1 0.5 0.4 0.5 0.2 0.3 1.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	1 0 -2 -3 -4 -2 -2 -2 -1 1 8 0 -1 1 2 0 -2 3 1 1 2 2 2 2 1 1 2 5 5 12 1 1 2 5 5 12 1 1 1 2 5 5 12 1 1 1 2 5 5 12 1 1 1 1	7 2 2 4 111 7 5 7 7 27 4 2 2 7 3 15 16 32 10 10 8 6 6 -7 10 4 4 19 2 12 12 12 3 2 24 2 2
Dow Jones Nikles FTSE 100 Exercisions 50 BEX MES AS Affects MIS AS Affects MSC Latam * Bloovegas (Brazille Model Affects) Model Affects Model	21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 837 76,000 62,523 49,854 4,878 2,301 1,906 100,370 822 3,218 5,815 104 104 105 106 106 106 106 106 106 106 106 106 106	0.2 0.3 0.0 0.1 0.4 0.1 0.3 0.5 0.7 0.9 0.1 0.3 0.2 0.0 0.0 0.3 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.3 0.5 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0.1 0.5 0.4 0.5 0.2 0.3 1.9 0.6 0.0 0.9 0.0 0.0 0.0 0.0 0.0 0.1 1.4 0.1 0.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2	1 0 -2 -3 -4 -2 -2 -1 8 0 0 -1 1 2 2 3 1 1 2 2 2 2 Monthly 8 11 1 7 5 6 6 3 3 5 7 7 4 1 1 2 5 1 1 7 7 1 1	7 2 2 4 4 11 7 7 5 7 7 2 7 4 2 2 7 7 3 3 15 5 6 7 10 6 8 8 10 8 6 6 7 7 10 4 19 2 12 3 2 4 2 9 9 10
Dow Jones Nikles FTSE 100 Exercision 50 IBEX DOX MEX DOX MIS MIS MSC Latam * Iboverage Glazillo Modol	21.366 146.6 28 28 49.6 174.9 166.6 146.6 28 175.8 175	0.2 0.3 0.0 0.1 0.4 0.1 0.3 0.5 0.7 0.9 0.1 0.3 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	0.1 0.5 0.4 0.5 0.2 0.3 1.9 0.6 0.0 0.0 0.1 1.7 0.0 0.0 0.1 1.4 0.1 0.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2	1 0 -2 -3 -4 -2 -2 -1 1 8 0 0 -2 3 1 1 2 2 2 Monthly 8 11 1 9 5 6 3 3 5 7 4 4 12 5 5 12 1 1 0 0 -5 -5	7 2 2 4 4 11 7 5 7 7 27 4 4 2 7 7 3 15 15 16 32 18 8 10 8 6 7 7 10 4 4 19 2 12 3 4 2 9 10 1-12 3 3
Dow Jones Notes FTSE 100 Exercision 50 IBEX DOX DOX DOX DOX DOX DOX DOX DOX DOX DO	213.66 19.929 7.339 9.109.929 9.10	0.2 0.3 0.0 0.1 0.4 0.1 0.3 0.5 0.7 0.9 0.1 0.2 0.0 0.9 0.3 0.2 0.0 0.9 0.2 0.2 0.2 0.2 0.2 0.2 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.1 0.5 0.6 0.7 0.7 0.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1 0 2 3 4 4 2 2 1 8 8 0 1 1 2 2 0 2 1 1 2 2 2 2 Monthly 8 11 1 9 10 7 7 5 6 6 3 5 7 4 1 2 5 1 2 1 7 7 1 0 5 5 2 3 3	7 2 2 4 4 11 7 5 7 7 27 4 4 2 2 7 3 32 18 8 10 8 6 6 -7 10 4 4 19 9 2 12 12 3 24 2 9 10 -12 3 15 15 15
Dow Jones Nikles FFSE 100 FFSE 100 BERNA AND	213.66 19.929 7.339 9.92 19.929 19.92	0.2 0.3 0.0 0.1 0.4 0.1 0.3 0.5 0.7 0.9 0.3 0.2 0.0 0.2 0.0 0.2 0.2 0.2 0.2 0.2 0.2	0.1 0.5 0.6 0.7 0.2 0.3 1.9 0.6 0.0 0.9 0.1 1.7 0.9 0.1 0.0 0.9 0.1 0.1 0.3 0.3 0.3 1.9 0.6 0.9 0.1 1.7 0.9 0.9 0.1 1.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	1 0 2 3 4 4 2 2 1 1 8 0 0 -1 1 1 2 2 0 0 2 3 1 1 2 2 2 2 Monthly 8 11 1 9 10 7 7 5 6 6 3 5 5 7 4 1 2 5 5 2 1 2 1 7 7 1 0 0 -5 5 2 3 3 2 3 3 2 3 3	7 2 2 4 4 111 7 5 7 7 27 4 4 2 2 7 15 15 10 9 10 9 10 10 11 12 12 12 12 12 12 12 12 12 12 12 15 15 15 15 15 15 13 15 15 15 15 15 15 15 15 15 15 15 15 15
Dow Jones Nikles FTSE 100 EEE FTSE 100 EEE BEACH	213.66 19.929 7.339 10.460 10.	0.2 0.3 0.0 0.1 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	0.1 0.5 0.5 0.2 0.2 0.3 0.3 0.3 0.3 1.7 0.9 0.0 0.0 0.3 0.3 2.3 2.3 2.3 2.3 3.7 2.0 0.3 3.7 2.0 0.3 2.3 2.3 2.3 2.3 2.4 2.4 2.4 2.4 2.5 2.5 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6	1 0 2 2 3 4 4 2 2 2 1 1 1 1 2 2 0 0 2 2 2 2 Monthly 8 11 1 2 2 5 3 3 5 7 4 4 12 5 2 3 3 2 2 3 3 3 4 4	7 2 2 4 4 111 7 5 7 7 27 4 2 7 7 3 15 16 32 8 8 6 7 10 4 8 8 6 6 7 10 4 19 2 12 12 12 12 12 15 15 15 15 15 15 13 30 34
Dow Jones Notes FTSE 100 Exactions 50 BECX BECX BECX BECX BECX BECX BECX BECX	221,366 19,929 7,339 10,460 11	0.2 0.3 0.0 0.1 0.4 0.1 0.3 0.5 0.5 0.9 0.3 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	0.1 0.5 0.5 0.2 0.2 0.3 0.3 0.3 1.9 0.7 0.9 0.0 0.1 1.4 0.1 0.3 2.3 2.3 2.3 3.7 2.0 0.3 3.7 2.0 0.3 2.3 2.3 2.3 2.3 2.4 2.4 2.4 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5	1 0 2 3 3 4 2 2 2 1 8 8 0 -1 1 2 2 0 2 2 1 1 9 10 7 5 6 6 3 5 5 7 4 4 1 2 1 7 7 1 0 0 -5 2 2 3 3 3 3 3 3	7 2 2 4 4 111 7 5 7 7 27 4 2 7 3 15 5 15 15 15 15 15 15 15 15 15 15 15 1
Dow Jones Notes FTSE 100 Executions 50 BBCX BBCX BBCX BBCX BBCX BBCX BBCX BBC	213,66 2 3 3 4 5 8 5 8 5 8 5 8 5 8 5 8 5 8 5 8 5 8 5	0.2 0.3 0.0 0.1 0.4 0.1 0.3 0.5 0.7 0.9 0.1 0.3 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	0.1 0.5 0.4 0.5 0.2 0.3 0.3 0.3 0.3 1.9 1.7 0.9 0.6 0.0 0.0 0.0 0.1 1.4 0.3 0.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1	1 0 2 2 3 4 4 2 2 2 1 1 8 0 0 1 1 1 2 2 0 0 2 2 3 3 1 1 1 9 0 1 0 7 7 5 6 6 3 5 1 2 2 2 1 1 1 0 0 1 1 1 1 2 2 1 1 1 7 1 1 0 0 5 2 3 3 3 3 4 4 0 6 6 Monthly	7 2 2 4 4 111 7 5 5 7 27 4 4 2 7 7 4 15 15 16 8 8 10 8 8 6 6 7 7 10 4 4 19 2 12 12 3 3 24 4 2 9 9 10 -12 3 3 15 15 15 15 15 15 15 15 15 15 15 15 15
Dow Jones Notes FTSE 100 Executions 50 BEX FTSE 100 BEX	213,66 2 3 3 4 5 5 5 5 5 5 5 5 5 5 5 5 6 5 6 5 6 5 6	0.2 0.3 0.0 0.1 0.1 0.5 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	1 0 2 3 4 2 2 2 1 1 8 0 0 1 1 1 2 2 0 0 2 3 3 1 1 1 9 0 1 1 1 1 0 7 7 5 6 6 7 1 1 1 0 0 7 1 1 1 1 1 1 1 1 1 1 1 1 1	7 2 2 4 111 7 5 7 7 27 4 2 7 7 3 15 -166 3 15 15 10 10 8 6 6 7 10 0 11 12 12 12 12 13 15 15 15 15 15 15 15 15 15 15 15 15 15
Dow Jones Nokes FTSE 100 Executions 50 BEX FTSE 100 BEX	213,86 2 3 3 4 5 6 5 6 5 6 6 6 6 6 7 2 2 6 3 1 5 6 8 9 9 5 9 5 6 6 6 6 6 9 7 2 2 3 2 6 6 6 6 6 6 9 7 2 2 3 2 6 6 6 6 6 6 9 7 2 2 3 2 6 6 6 6 6 6 6 7 2 2 6 3 6 6 6 6 6 6 7 2 2 6 3 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	0.2 0.3 0.0 0.1 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	0.1 0.5 0.4 0.5 0.2 0.3 0.3 0.3 0.3 1.9 1.7 0.9 0.6 0.0 0.0 0.1 1.7 0.9 0.9 0.1 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 0.9 0.9	1 0 0 2 3 4 4 2 2 2 1 1 8 0 0 1 1 1 2 2 0 2 2 2 2 2 2 2 2 2 2 2 2	7 2 2 4 4 11 7 7 5 7 7 2 7 4 2 7 7 3 15 15 15 15 15 15 15 15 15 15 15 15 15
Dow Jones Notes FFES 100 FERS	213,66 19,929 7,339 10,449 10,	0.2 0.3 0.0 0.1 0.1 0.5 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.1 0.5 0.4 0.5 0.2 0.3 0.3 0.3 0.3 1.9 1.7 0.9 0.6 0.0 0.0 0.0 0.1 1.4 0.3 0.3 0.3 1.9 1.7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	1 0 2 2 3 4 4 2 2 2 1 1 8 0 0 -1 1 2 2 0 1 1 1 2 2 0 1 1 1 1 2 2 2 2 2	7 2 2 4 4 11 7 7 5 7 7 4 2 7 7 4 2 7 7 3 15 15 15 13 3 2 4 2 2 9 10 10 12 12 13 15 15 15 15 13 3 3 4 9 9 12 12 15 15 15 15 15 15 15 15 15 15 15 15 15
Dow Jones Notes FFES 100 FERS	213,66 2 3 4 5 5 5 6 5 6 6 6 6 6 6 6 6 6 6 7 2 2 4 8 2 6 6 6 6 6 6 7 2 2 6 7 2 7 5 6	0.3 0.3 0.0 0.1 0.4 0.4 0.5 0.7 0.7 0.9 0.9 0.3 0.0 0.9 0.3 0.0 0.9 0.3 0.0 0.1 0.1 0.1 0.3 0.6 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	0.5 0.5 0.4 0.5 0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	1 0 0 2 3 4 4 2 2 2 1 1 8 8 8 1 1 1 2 2 0 1 2 2 1 1 1 2 2 1 1 1 1 1 1	7 2 2 4 4 11 7 7 5 7 7 7 2 7 4 2 2 7 3 3 15 5 16 6 8 6 6 7 10 4 8 8 6 6 7 10 10 10 10 10 10 10 10 10 10 10 10 10
Dow Jones Notes FTSE 100 Executions 50 BEX FTSE 100 BEX	213,66 2 3 4 5 5 5 5 5 5 5 5 5 5 5 6 5 6 5 6 5 6 5	0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	0.5 0.5 0.4 0.5 0.6 0.7 0.9 0.9 0.9 0.1 0.9 0.9 0.1 0.9 0.1 0.9 0.1 0.9 0.1 0.9 0.1 0.9 0.9 0.1 0.9 0.9 0.1 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	1 0 0 -2 3 -3 -4 -2 -2 2 1 8 8 1 1 1 2 2 0 1 1 1 1 2 2 2 3 1 1 2 2 2 2 1 1 7 7 5 6 3 3 5 7 4 4 1 2 5 2 3 3 3 4 4 0 6 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7 2 2 4 4 11 7 7 5 7 7 4 4 2 7 7 3 15 16 32 8 8 10 9 10 4 19 2 12 12 3 15 15 15 15 15 15 15 15 15 15 15 15 15
Dow Jones Nokes FTSE 100 Executions 50 BEX FTSE 100 BEX	221,366 19,929 7,339 7,349 10,449 10,449 10,449 10,449 10,449 10,449 11,	0.3 0.0 0.1 0.4 0.1 0.4 0.1 0.5 0.7 0.9 0.9 0.1 0.3 0.0 0.1 0.3 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.3 0.3 0.4 0.4 0.5 0.5 0.6 0.7 0.0 0.8 0.1 0.5 0.7 0.0 0.8 0.1 0.5 0.7 0.0 0.8 0.7 0.9 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.5 0.5 0.4 0.5 0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	1 0 0 2 3 4 4 2 2 2 2 2 1 8 8 0 1 1 1 2 2 0 2 2 2 2 2 2 2 2 2 2 2 2 2	7 2 2 4 4 11 7 7 5 7 7 3 15 5 10 10 10 8 8 6 7 10 10 10 10 10 10 10 10 10 10 10 10 10
Dow Jones Notes FFES 100 FFES	213,66 2 3 4 5 5 6 4 6 6 6 6 9 6 6 6 9 6 6 6 9 9 3 9 9 4 1.2 4 9 6 6 1 1.2 4 9 6 6 1 1.2 4 9 6 6 1 1.2 4 9 6 6 1 1.2 4 9 6 6 1 1.2 4 9 6 6 1 1.2 4 9 6 6 1 1.2 4 9 6 6 1 1.2 4 9 6 6 1 1.2 4 9 6 6 1 1.2 4 9 6 6 1 1.2 4 9 6 6 1 1.2 4 9 6 6 1 1.2 4 9 6 6 1 1.2 4 9 6 6 1 1.2 4 9 6 6 1 1.2 4 9 6 6 1 1.2 4 9 6 6 1 1.2 4 9 1 1.2 4 9 1.2 4 9 1 1.2 4 9 1 1.2 4 9 1 1.2 4 9 1 1.2 4 9 1 1.2 4 9 1 1.2 4 9 1 1.2 4 9 1 1.2 4 9 1 1.2 4 9 1 1.2 4 9 1 1.2 4 9 1 1.2 4 9 1.2 4 9 1 1.2 4 9 1 1.2 4 9 1 1.2 4 9 1 1.2 4 9 1 1.2 4 9 1 1.2 4 9 1 1.2 4 9 1 1.2 4 9 1 1.2 4 9 1 1.2 4 9 1 1.2 4 9 1 1.2 4 9 1.2 4 9 1 1.2 4 9 1 1.2 4 9 1 1.2 4 9 1 1.2 4 9 1 1.2 4 9 1 1.2 4 9 1 1.2 4 9 1 1.2 4 9 1 1.2 4 9 1 1.2 4 9 1 1.2 4 9 1 1.2 4 9 1.2 4 9 1 1.2 4 9 1 1.2 4 9 1 1.2 4 9 1 1.2 4 9 1 1.2 4 9 1 1.2 4	0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	0.5 0.5 0.4 0.5 0.6 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	1 0 2 3 4 4 4 5 5 5 6 7 7 4 5 5 7 7 4 12 5 7 7 1 0 0 6 6 7 0 7 7 0 7 0 7 0 7 0 7 0 7 0 7	7 2 2 4 4 111 7 5 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Dow Jones Nikles FTSE 100 FTSE	213,66 19,929 7,339 10,480 10,480 10,480 10,480 10,480 11,190 10,480 11,190 11,	0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	0.5 0.5 0.6 0.5 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	1 0 2 2 3 4 4 9 1 1 2 2 9 1 1 1 2 2 9 1 1 1 1 2 9 1 1 1 1	7 2 2 2 4 111 7 5 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Dow Jones Notes FTSE 100 EEEE FTSE 100 EEEE BEEEE BEEE BEEEE BEEE BEEEE BEEE BEE BEEE BEE BEEE BEE BEEE BEE BEEE BEE BEEE BEE BEEE BEE BEEE BEE BEEE BEE BEEE BEE BEEE BEE BEEE BEE BEEE BEE BEEE BEE BEEE BEE BEEE BEE BEEE BEE BEEE BEE	213,66	0.2 0.3 0.0 0.0 0.3 0.0 0.0 0.0 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	1 0 2 3 3 4 4 8 8 9 11 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	7 2 2 2 4 111 7 5 5 7 7 7 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Dow Jones Notes FISE 100 Executions 50 BECK BECK BECK BECK BECK BECK BECK BECK	221,366 119,929 2,339 10,489 1	0.2 0.3 0.0 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	1 0 2 2 3 4 4 8 8 0 1 1 1 1 2 2 2 1 8 8 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7 2 2 2 4 1 11 7 7 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Dow Jones Notes FISE 100 Executions 50 BECK BECK BECK BECK BECK BECK BECK BECK	221,366 19,929 7,339 7,349 10,449 10,	0.2 0.3 0.0 0.0 0.3 0.5 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	0.1 0.1 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	1 0 2 3 4 4 8 8 0 1 1 1 2 2 2 1 8 8 0 1 1 1 2 2 2 1 1 1 1 2 2 2 2 3 3 1 1 2 2 2 2	7 2 2 2 4 111 7 5 5 7 7 7 8 1 1 1 1 1 1 1 2 1 2 1 1 1 1 1 1 1 1 1
Dow Jones Notes FTSE 100 Executions 50 BIEX FISE 100 BIEX BIE	213,66 19,929 7,339 10,449 10,	0.2 0.3 0.0 0.3 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	0.1 0.5 0.4 0.5 0.4 0.5 0.6 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	1 0 2 2 3 4 4 6 6 6 6 7 7 4 4 6 6 6 7 7 4 6 6 7 7 6 6 7 7 6 6 7 7 6 7 7 6 7 7 6 7 7 7 6 7	7 2 2 2 4 11 11 7 7 5 7 7 7 4 7 7 7 7 7 4 7 7 7 7 7 7 7
Dow Jones Nikles FTSE 100 Executions 50 BBCX BBCX BBCX BBCX BBCX BBCX BBCX BBC	213,66 2 3 3 3 3 3 2 4 5 3 5 3 4 5 3 5 3 4 5 3 5 3 4 5 3 5 3	0.2 0.3 0.0 0.0 0.3 0.0 0.0 0.0 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	1 0 2 3 4 4 4 8 8 0 1 1 1 2 2 2 2 1 1 8 8 0 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	7 2 2 2 4 4 11 17 7 5 7 7 3 15 1-16 3 2 4 1 1 1 1 1 2 2 5 1 1 1 1 1 1 1 1 1 1 1 1
Dow Jones Nokes FTSE 100 Executions 50 BBCX BBCX BBCX BBCX BBCX BBCX BBCX BBC	213,66 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0.2 0.3 0.0 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.3 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.1 0.5 0.5 0.5 0.5 0.5 0.6 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	1 0 2 2 3 4 4 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7 2 2 2 4 4 111 7 7 5 7 7 7 3 3 15 1-16 6 7 7 10 10 10 10 10 10 10 10 10 10 10 10 10
Dow Jones Notes PETSE 100	213,66 2 3 4 4 4 8 7 8 4 4 6 7 8 4 4 6 7 8 4 4 6 7 8 4 4 6 7 8 4 6 7 8 6 7 8 6 7 8 7 8 7 8 7 8 7 8 7 8 7	0.2 0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.1 0.1 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	1 0 2 2 3 4 4 6 6 1 1 1 1 7 7 1 1 0 5 5 6 7 7 4 1 1 2 7 1 1 0 7 5 6 7 7 4 1 1 2 7 1 1 0 7 7 1 1 1 7 7 1 1 0 7 7 7 1 1 1 7 7 1 1 7 7 1 1 7 7 1 1 7 7 1 1 7 7 1 1 7 7 1 1 7 7 1 1 7 7 1 1 7 7 1 1 7 7 1 1 7 7 1 1 7 7 1 1 7 7 1 1 7 7 1 1 7 7 1 1 7 7 1 1 7 7 7 1 1 7 7 7 1 1 7 7 7 1 1 7 7 7 1 1 7 7 7 1 7	7 2 2 2 4 4 1 1 1 7 5 5 7 7 10 2 1 2 1 2 3 3 3 4 4 1 1 1 5 5 6 2 1 1 4 1 1 1 0 1 1 2 2 5 6 2 1 1 4 1 1 1 0 2 2 1 1 2 5 5 6 2 1 1 4 1 1 1 0 1 1 2 2 2 1 1 1 5 5 6 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1





Debt markets	(10Y, %, dt	anges in t	(O)		
Developed Markets US (2-yr)	level 1.40	Daily 0.1	Week 1.3	Month 9	YTD 18
US GER (2-yr)	2.38 -0.61	1.1	7.3	20 12	-6 17
Germany France	0.56	-0.6	9.0	29	28
Spain	1.70	0.8 2.6	11.1 16.5	23 14	12 19
Italy Portugal	2.32 3.12	4.7 6.1	15.7 9.5	2	45 -105
Greece Japan (2-yr)	5.40 -0.10	3.3 -0.8	-2.0 1.7	-64	-148 9
Japan	0.09	0.1	4.0	1 2	2 YTD
Emerging Markets Brazil	10.50	Daily -2.6	Weekly -3.4	Monthly -33	-91
Chile Colombia	4.22 6.78	0.0 -2.5	5.6 35.5	18 64	-11 -32
Mexico Peru	6.84	-1.5	5.7 19.9	-28 13	-80 -91
Poland	5.56 3.38	-2.3 -3.6	5.5 10.7	18	-34
Russia Turkey	8.01 10.63	6.0 9.0	10.7 36.0	24 40	-44 -37
India Indonesia	10.63 6.53 7.17	-0.6 23.9	2.1 33.9	-4 22	-37 15 -67
Country ris	k (bp, chang			22	-07
Developed Markets 10-yr sovereign spread vs Germany	level	Daily	Weekly	Monthly	YTD
France	37	1.4	2.1	-5	-16
Italy Portugal	176 257	5.3 6.7	6.7 0.5	-27 -26	17 -105
Spain	115	3.2	7.5	-15	-1
2-yr so vereign spread vs Germany France	24	-2.4	3.9	2	13
Italy	49	2.4	2.4	-1	-12
Portugal Spain	72 42	2.6 -1.7	0.4 10.5	-23 -4	-75 -6
Emerging Markets	level	Daily	Weekly	Monthly	YTD
5-yr sovereign CDS * Brazil	241	2.7	1	8	-30
Chile	68	1.6	2	-4	-14
Colombia Mexico	143 116	2.2 0.4	6	18 5	-21 -41
Peru	88	1.3	1	-3	-20
Venezuela Poland	4,296 61	72.3 0.0	93	470 -4	390 -14
Russia Turkey	177 204	2.8	8	25	-69
China	72	0.1	- 1	12 -3	-45
India Indonesia	90 121	-0.3 1.4	2	-3 0	-37 -35
Ris	k indicators				
Volatilty indicators (%) VIX	level 12	Daily -5.0	Weekly 7	Monthly 15	YTD 0
VSTOXX	15	-1.7	-12	4	-1
EM EFT volatility Index Dollar/euro volatility	18 7	-0.7 2.4	12 1	11	-12 -34
EM FX volatility index	8	0.9	2	-2	-28
Credit spread (BAA) (bps) US bonds volatility index	203 57	-1.1 0.9	-2 3	-19 4	-24 -25
Banking 5 y CDS (bps) *	level	Daily	Weekly	Monthly	YTD
US EZ	53 57	0.3 1.2	0	-8 -25	-19 -50
UK	49	2.1	9	-19	-41
Large Spanish Medium Spanish	59 98	1.1 -0.5	-2	-31 -100	-58 -53
	level	Daily	Weekly	Monthly	YTD
US Non-financial EZ Non-financial	143 81	0.3 1.2	0	-8 -25	-19 -50
UK Non-financial Interbank mar	114	0.4	0	-4	-11
interparts that	level	nges in b Daily	Weekly	Monthly	YTD
EONIA Index Euribor 3 m	-0.36 -0.33	0.00	0.0	0.0	0.0
Euribor 12m	-0.16	0.00	0.0	0.0	-0.1
Libor 3m Libor 12m	1.30	0.00	0.0	0.1	0.3
EZTED spread 3 m	0.0	-46.70	-48.9	-51.7	-66.4
Stoc	k markets (
Main indices S&P500	2.417	Daily 0.3	Weekly -0.3	Monthly -1	YTD 6
Dow Jones	21.366	0.2	0.1	1	7
Nikkei FTSE 100	19,929 7,339	-0.3 0.0	-0.5 0.4	-2	2
EuroStoxx 50	3,458	-0.1	0.5	-3	4
IBEX				-4	11
	10,460	-0.4	0.2		
DAX CAC	12,367 5,134	-0.1 -0.3	0.3	-2 -2	7 5
DAX CAC MIB	12,367	-0.1 -0.3 -0.5	0.3	-2	7 5 7
DAX CAC MIB ASE Attens MSCI Latam *	12,367 5,134 20,981 837 76,000	-0.1 -0.3 -0.5 -0.7 -0.9	0.3 0.3 1.9 1.7 0.9	-2 -2 1 8 0	7 5 7 27 4
DAX CAC MIB ASE Athens MSCI Latam * Ibovespa (Brazil) Mexbol	12,367 5,134 20,981 837	-0.1 -0.3 -0.5 -0.7	0.3 0.3 1.9 1.7	-2 -2 1 8	7 5 7 27 4 2 7
DAX CAC CAC MIS B. MSE Athens MSCI Latam * Ibovespa (Brazil) Mexbol MSCI EM Europe *	12,367 5,134 20,981 837 76,000 62,523 49,854 4,878	-0.1 -0.3 -0.5 -0.7 -0.9 -0.1 -0.3 -0.2	0.3 0.3 1.9 1.7 0.9 -0.6 0.0	-2 -2 1 8 0 -1 1 2	7 5 7 27 4 2 7
DAX CAC CAC MIS Athens MSCI Latam * Ibovespa (Brazil) Moobol MSOI EM Europe * Poland Misce (Russia)	12,367 5,134 20,981 837 76,000 62,523 49,854 4,878 2,301	-0.1 -0.3 -0.5 -0.7 -0.9 -0.1 -0.3 -0.2 -0.0	0.3 1.9 1.7 0.9 -0.6 0.0	-2 -2 1 8 0 -1 1 2 0	7 5 7 27 4 2 7 -3 15
DAX CAC CAC MIS Athens MSCI Latam * Ibovespa (Brazil) Moobol MSOI EM Europe * Poland Misce (Russia)	12.367 5,134 20.981 837 76,000 62,523 49.854 4.878 2.301 1,906 100,370	-0.1 -0.3 -0.5 -0.7 -0.9 -0.1 -0.3 -0.2 -0.0 -0.9 -0.3	0.3 0.3 1.9 1.7 0.9 -0.6 0.0 0.9 0.1 1.4 -0.1	-2 -2 1 8 0 -1 1 2 0 2	7 5 7 27 4 2 7 -3 15 -16
DAX CAC MIB ASE Athers MSCI Latam * Ibbovespe (Bezil) Mootol Mootol Mootol Mootol Mootol Mootol Mootol Curley) See 100 (Turkey) See 100 (Turkey) MSCI EM Lata *	12.367 5.134 20.981 837 76,000 62,523 49.854 4.878 2.301 1,906	-0.1 -0.3 -0.5 -0.7 -0.9 -0.1 -0.3 -0.2 -0.0 -0.9	0.3 1.9 1.7 0.9 -0.6 0.0 0.9 0.1 1.4	-2 -2 1 8 0 -1 1 2 0 2	7 5 7 27 4 2 7 -3 15 -16
DAX CAC MIB MSC Atlens MSC Instam * Illowepa (Rasiz) Mocbol Mocbol Mocbol Mocbol MocKol MocKo	12.367 5.134 20.981 837 76,000 62,523 49.854 4.878 2.301 1,906 100,370 822	-0.1 -0.3 -0.5 -0.7 -0.9 -0.1 -0.3 -0.2 -0.0 -0.9 -0.3 -0.2 -0.2 -0.2	0.3 0.3 1.9 1.7 0.9 -0.6 0.0 0.9 0.1 1.4 -0.1 -0.3	-2 -2 1 8 0 -1 1 2 0 2 3	7 5 7 27 4 2 7 -3 15 -16 32 18 2
DAX CAC MIB MSC Latan* MSC Latan* MSC Latan MS	12.367 5.134 20.981 837 76,000 62,523 49.854 4.878 2.301 1.906 100,370 822 3,218	-0.1 -0.3 -0.5 -0.7 -0.9 -0.1 -0.3 -0.2 -0.0 -0.9 -0.3 -0.2	0.3 0.3 1.9 1.7 0.9 -0.6 0.0 0.9 0.1 1.4 -0.1 -0.3 0.8	-2 -2 1 8 0 -1 1 2 0 2 3 1	7 5 7 27 4 2 7 -3 15 -16 32 18 2
DAX CAC MIB MSC Laters	12,367 5,134 20,981 837 76,000 62,523 49,854 4,878 2,301 1,906 100,370 822 3,218 5,815 level 124,9 93,5	-0.1 -0.3 -0.5 -0.7 -0.9 -0.1 -0.3 -0.2 -0.0 -0.9 -0.3 -0.2 -0.2 -0.2 -0.2 -0.2 -0.1	0.3 0.3 1.9 1.7 0.9 -0.6 0.0 0.9 0.1 1.4 -0.1 -0.3 0.8 -0.3 Weekly 2.3 2.3	-2 -2 1 8 0 -1 1 2 0 2 3 1 2 2 Monthly 8 11	7 5 7 27 4 2 7 -3 15 -16 32 18 2 10 YTD 4 8
DAX CAC ALIA MISTORY M	12.367 5.134 20.981 837 76,000 62,523 49,854 4.878 2.301 1.906 100,370 822 3.218 5.815 level 124.9	-0.1 -0.3 -0.5 -0.7 -0.9 -0.1 -0.3 -0.2 -0.0 -0.9 -0.3 -0.2 -0.2 -0.2 -0.2	0.3 0.3 1.9 1.7 0.9 -0.6 0.0 0.9 0.1 1.4 -0.1 -0.3 0.8 -0.3 Weekly 2.3	-2 -2 1 8 0 -1 1 2 0 2 3 1 2 2 Monthly 8	7 5 7 27 4 2 7 -3 15 -16 32 18 2 10 YTD
DAX CAC MIB MS ASCAPERS MSC Lettan * MSC Let	12,367 5,134 20,981 837 76,000 62,523 49,854 4,878 2,301 1,906 100,370 822 3,218 5,815 level 124,9 93,5 67,7 24,8	-0.1 -0.3 -0.5 -0.7 -0.9 -0.1 -0.3 -0.2 -0.9 -0.3 -0.2 -0.2 -0.2 -0.1 -0.1 -0.1 -0.2 -0.2	0.3 0.3 1.9 1.7 0.9 -0.6 0.0 0.9 0.1 1.4 -0.1 -0.3 0.8 -0.3 Weekly 2.3 2.3 1.3 2.1	-2 -2 1 8 0 0 -1 1 2 0 2 3 1 2 2 2 Monthly 8 11 9 10 7	7 5 7 27 4 2 7 -3 15 -16 32 18 2 10 YTD 4 8 10 8
DAX CAC MIB MSC Atterns MSC Lettern MSC Le	12,367 5,134 20,981 837 76,000 62,523 49,854 4,878 2,301 1,906 100,370 822 3,218 5,815 level 124,9 93.5 67.7 24.8 46.2 226.3 115,90	-0.1 -0.3 -0.5 -0.7 -0.9 -0.1 -0.3 -0.2 -0.0 -0.9 -0.3 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2	0.3 0.3 1.9 1.7 0.9 -0.6 0.0 0.9 0.1 1.4 -0.1 -0.3 0.8 Weekly 2.3 2.3 1.3 2.1 3.7 2.0 4.3	-2 -2 1 8 0 -1 1 2 0 2 3 1 2 2 Monthly 8 11 9 10 7 5 6	7 5 7 27 4 2 7 -3 15 -16 32 18 2 10 YTD 4 8 10 8 6 -7
DAX CAC MIB MS Afferen MIS MS Afferen Moorepa (1900) MSC IDM Europe MSC IDM Europ	12,367 5,134 20,981 837 76,000 62,523 49,854 4,878 2,301 1,906 100,370 822 3,218 5,815 124,9 93,5 67,7 24,8 46,2 26,3 115,9 65,6	-0.1 -0.3 -0.5 -0.7 -0.9 -0.1 -0.3 -0.2 -0.0 -0.9 -0.3 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2	0.3 0.3 1.9 1.7 0.9 -0.6 0.0 0.9 0.1 1.4 -0.1 -0.3 0.8 -0.3 Weekly 2.3 2.3 1.3 2.1 3.7 2.0 4.3 4.0	-2 -2 1 8 0 -1 1 2 0 2 3 1 2 2 Monthly 8 11 9 10 7 5 6 3 3	7 5 7 27 4 2 7 -3 15 -16 32 18 2 10 YTD 4 8 6 -7 10 4
DAX CAC MIB MSC Latan* MSC Latan* MSC Latan* MSC Latan Latan Latan MSC Latan Latan Latan MSC Latan MSC Latan MSC Latan MSC La	12,367 5,134 20,981 837 76,000 62,523 49,854 4,878 2,301 1,906 100,370 822 3,218 5,815 124,9 93,5 67,7 24,8 46,2 226,3 115,9 65,6 14,6 16,6	-0.1 -0.3 -0.5 -0.7 -0.9 -0.1 -0.3 -0.2 -0.9 -0.3 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2	0.3 0.3 1.9 1.7 0.9 0.6 0.0 0.9 0.1 1.4 -0.1 -0.3 0.8 -0.3 2.3 2.3 1.3 7 2.0 4.3 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0	-2 -2 -2 1 1 8 0 -1 1 2 0 2 3 1 2 2 2 Monthly 8 11 9 10 7 5 6 6 3 5 7 7	7 5 7 7 4 2 2 7 3 15 -16 32 18 2 10 9 YTD 4 8 10 8 6 -7 10 4 19 2 2
DAX CAC MID	12,367 5,134 20,981 837 76,000 62,523 49,854 4,878 2,301 1,906 100,370 822 3,218 5,815 level 124,9 93,5 67,7 24,8 46,2 226,3 115,9 65,6 115,9 65,6 115,9 65,6 115,9 66,6 14,6	-0.1 -0.3 -0.5 -0.7 -0.9 -0.3 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2	0.3 0.3 1.9 1.7 0.9 0.6 0.0 0.9 0.1 1.4 -0.1 -0.3 Weekly 2.3 1.3 2.3 1.3 2.1 3.7 2.0 4.3 4.0 3.9 7.1 3.1	-2 -2 -2 1 1 8 0 -1 1 2 0 -2 3 1 1 2 2 2 Monthly 8 11 9 10 7 5 6 6 3 5 5	7 5 7 7 4 2 2 7 3 15 -16 32 2 10 YTD 4 8 10 8 6 -7 10 4 19 2 12
DAX CAC MISS MASS ASSESSMENT BOOKERS ASSESSMENT BOOKERS GROUN MASS CERT EXCEPT MASS CERT EX	12,367 5,134 20,981 837 76,000 62,523 49,854 4,878 2,301 1,906 100,370 822 3,218 5,815 level 124,9 93.5 67.7 24,8 46,2 226,3 115,9 65,6 14,6 15,6 15,6 2,8 49,6 49,6	-0.1 -0.3 -0.5 -0.7 -0.9 -0.3 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2	0.3 0.3 1.9 1.7 0.9 -0.6 0.0 0.9 0.1 1.4 -0.1 -0.3 0.8 4.0 3.7 2.3 2.3 2.3 2.3 2.4 3.7 2.0 4.3 4.0 3.7 2.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4	-2 -2 -2 -2 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	7 5 7 27 4 2 2 7 3 15 5 16 8 2 10 YTD 4 8 6 6 7 10 4 19 2 12 12 3
DAX CAC MIB MSC Latan*	12,367 5,134 20,981 837 76,000 62,523 49,854 4,878 2,301 1,906 100,370 822 3,218 5,815 level 124,9 93.5 67.7 24.8 46.2 226.3 115.9 65.6 14.6 15.6 2.8 49.6 15.6 15.6 2.8 49.6 17.4 89.6	0.1 1 0.3 1 0.5 1	0.3 0.3 1.9 1.7 0.9 0.0 0.0 0.9 0.1 1.4 0.3 0.3 0.3 0.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2	-2 -2 -2 1 1 8 0 -1 1 1 2 0 0 2 3 1 1 2 2 0 1 1 1 9 1 0 7 7 5 6 3 3 5 7 4 4 1 2 5 1 2 1 1 1 2 1 2 1 1	7 5 7 27 4 2 2 7 3 15 6 32 18 8 2 10 YTD 4 8 10 8 6 6 -7 10 12 12 12 3 2 24 2
DAX CAC ACAC ACAC ACAC ACAC ACAC ACAC AC	12,367 5,134 20,981 837 76,000 62,523 49,854 4,878 2,301 1,906 100,370 822 3,218 5,815 level 124,9 93.5 67.7 24,8 46,2 226,3 115,9 65,6 14,6 15,6 48,7 48,7 48,7 48,7 48,7 48,7 48,7 48,7	0.1 0.3 0.5 0.7 0.9 0.1 0.3 0.2 0.0 0.0 0.2 0.2 0.2 0.2 0.2 0.2 0.2	0.3 0.3 1.9 1.7 0.9 0.6 0.0 0.0 0.0 0.0 0.1 1.4 0.1 0.3 2.3 2.3 2.3 2.1 3.7 2.0 4.3 3.9 7.1 2.2 5.3 3.1 2.2 6.4 4.0 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4	-2 -2 -2 -2 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	7 5 7 27 4 2 2 7 -3 15 -16 32 2 10 9 YTD 4 8 6 -7 10 4 19 2 12 12 3 24 2 9
DAX CAC MID	12,367 5,134 20,981 837 76,000 62,523 49,854 4,878 2,301 1,906 100,370 822 3,218 5,815 1evel 124,9 93.5 67.7 24,8 46,2 226,3 115,9 61,6 16,6 16,6 16,6 16,6 17,4 89,6 49,7 89,7 89,7 89,7 89,7 89,7 89,7 89,7 8	0.1 0.3 0.5 0.7 0.9 0.1 0.3 0.2 0.0 0.3 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	0.3 0.3 1.9 1.7 0.9 9.6 0.0 0.0 0.0 0.0 0.1 1.4 9.1 1.4 9.1 1.4 9.3 0.3 2.3 2.3 2.1 3.7 2.0 4.3 3.7 2.0 4.3 3.7 2.0 4.0 5.3 4.0 5.3 6.0 6.0 7.1 7.1 7.1 7.1 7.1 7.1 7.1 7.1 7.1 7.1	-2 -2 -1 1 8 0 -1 1 2 0 2 3 1 2 2 2 2 1 1 9 10 7 7 5 6 6 3 3 5 5 7 4 4 12 5 5 12 1 7 7 1 0 0	7 5 7 27 4 2 7 7 3 15 -16 32 18 2 10 10 8 8 6 -7 10 4 19 2 12 3 2 2 4 2 9 10 -12 12 12 12 12 12 12 12 12 12 12 12 12 1
DAX CAC MIB MSAC Aleman MSC Latter MSC Latte	12,367 5,134 20,981 837 76,000 62,523 49,854 4,878 2,301 1,906 100,370 822 3,215 level 124,9 93,5 67,7 24,8 46,2 26,3 115,9 65,6 14,6 15,6 2,8 49,6 17,4 49,6 49,6 49,6 49,6 49,6 49,6 49,6 49	0.1 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	0.3 0.3 1.9 1.7 0.9 0.6 0.0 0.0 0.0 0.0 0.0 0.1 1.4 0.1 1.4 0.3 0.8 2.3 2.3 2.3 2.1 3.7 2.0 0.9 4.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6	-2 -2 -2 -1 -2 -2 -2 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	7 5 7 27 4 2 7 7 -3 15 -16 32 18 2 10 9 YTD 4 8 6 6 -7 10 4 4 19 9 2 12 12 3 24 2 9 9 10
DAX CAC AGA AGA AGA AGA AGA AGA AGA AGA AGA	12,367 5,134 20,981 837 76,000 62,523 49,854 48,78 822 2,301 11,906 822 100,370 822 124,9 824 124,9 825 61,5 61,5 61,5 61,5 72,7 83,6 74,7 83,6 74,7 83,6 74,7 83,6 74,7 83,6 74,7 83,6 74,7 83,6 74,7 83,6 74,7 83,6 74,7 84,7 84,7 84,7 84,7 84,7 84,7 84,7	0.1 0.3 0.3 0.5 0.7 0.9 0.1 0.3 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	0.3 0.3 1.9 1.9 1.9 0.9 0.0 0.0 0.0 0.0 0.0 0.1 1.4 0.1 1.4 0.1 1.4 0.3 2.3 2.3 1.3 2.1 3.7 2.0 2.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4	-2 -2 -1 1 8 0 -1 1 1 2 0 2 3 1 1 2 2 2 Monthly 8 8 11 1 9 10 7 7 5 6 3 3 5 7 4 1 1 2 5 1 2 1 7 7 1 1 0 0 -5 5 2 3 3	7 5 7 27 4 2 2 7 4 2 2 7 3 15 6 32 18 2 10
DAX CAC AGE MID MID MID MID MID MID MID MI	12,367 5,134 20,981 837 76,000 62,523 49,884 49,884 109,032 2,301 119,966 100,372 82,218 119,966 100,372 84,878 84,978 115,978	0.1 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.0 0.0 0.0	0.3 1.9 1.7 0.9 0.6 0.0 0.0 0.0 0.0 0.1 1.4 0.3 0.8 0.2 2.3 2.3 3.7 2.0 4.3 3.9 7.1 3.7 2.2 5.3 4.4 2.2 2.2 4.7 2.5 5.3 6.4 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6	-2 -2 -1	7 5 7 27 4 2 2 7 4 2 2 7 3 15 6 32 18 8 2 10
DAX CAC MIB MSC Lature* MSC La	12,367 5,134 20,981 837 76,000 837 76,000 837 76,000 837 849,854 849,8	0.1 0.3 0.5 0.7 0.9 0.1 0.3 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.0 0.3 0.6 0.5 0.6 0.6 0.5 0.6 0.6 0.5 0.6 0.6 0.5 0.6 0.6 0.5 0.6 0.6 0.5 0.6 0.6 0.5 0.6 0.6 0.5 0.6 0.6 0.3 0.7 0.0 0.8 0.2 0.3 0.4 0.2 0.5 0.6 0.6 0.3 0.1 0.5 0.6 0.6 0.3 0.1 0.5 0.6 0.6 0.3 0.7 0.0 0.8 0.2 0.7 0.0 0.8 0.2 0.3 0.4 0.3 0.4 0.5 0.5 0.7 0.0 0.8 0.2 0.5 0.7 0.0 0.8 0.2 0.7 0.0 0.8 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.5 0.5 0.7 0.0 0.8 0.3 0.4 0.3 0.4 0.5 0.5 0.7 0.0 0.8 0.3 0.4 0.3 0.4 0.5 0.3 0.4 0.3 0.4 0.5 0.5 0.5 0.5 0.7 0.0 0.8 0.3 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.3 1.9 1.7 0.9 0.0 0.0 0.9 0.1 1.4 0.3 2.3 2.3 2.1 2.3 2.3 2.1 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3	-2 -2 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3	7 5 7 7 27 7 4 2 2 7 3 15 -166 32 18 8 2 10 9 10 4 8 6 -7 10 9 2 12 3 24 2 9 9 10 -12 3 15 15 15 15 13 30 30
DAX CAC MIB MSC MARION MSC LARL Exper MSC LARL Exper MSC LARL Exper Pelard Mices Ground Mices Gr	12,367 5,134 20,981 837 76,000 62,523 49,854 49,854 49,854 49,854 100,370 84,878 2,301 11,906 100,370 84,878 82,301 11,906 100,370 84,878 82,301 11,906 11,9	-0.1 -0.3 -0.5 -0.7 -0.9 -0.1 -0.3 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.3 -0.6 -0.9 -0.1 -0.1 -0.1 -0.1 -0.2 -0.2 -0.2 -0.3 -0.6 -0.3 -0.1 -0.5 -0.6 -0.3 -0.1 -0.5 -0.7 -0.0 -0.8 -0.3 -0.1 -0.5 -0.7 -0.0 -0.8 -0.1 -0.5 -0.7 -0.0 -0.8 -0.1 -0.5 -0.7 -0.0 -0.8 -0.1 -0.5 -0.7 -0.7 -0.0 -0.8 -0.1 -0.5 -0.7 -0.7 -0.0 -0.8 -0.1 -0.5 -0.7 -0.7 -0.0 -0.8 -0.1 -0.5 -0.7 -0.7 -0.0 -0.8 -0.1 -0.5 -0.7 -0.7 -0.0 -0.8 -0.1 -0.5 -0.7 -0.7 -0.0 -0.8 -0.1 -0.5 -0.7 -0.7 -0.0 -0.8 -0.1 -0.5 -0.7 -0.7 -0.0 -0.8 -0.1 -0.5 -0.7 -0.7 -0.0 -0.8 -0.1 -0.5 -0.7 -0.7 -0.0 -0.8 -0.1 -0.5 -0.7 -0.7 -0.0 -0.8 -0.1 -0.5 -0.7 -0.7 -0.0 -0.8 -0.1 -0.5 -0.7 -0.7 -0.0 -0.8 -0.1 -0.5 -0.7 -0.7 -0.7 -0.0 -0.8 -0.1 -0.5 -0.7 -0.7 -0.0 -0.8 -0.1 -0.5 -0.7 -0.7 -0.0 -0.8 -0.1 -0.5 -0.7 -0.7 -0.0 -0.8 -0.1 -0.5 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7	0.3 1.9 1.7 0.9 0.6 0.0 0.9 0.1 1.4 0.3 2.3 2.1 3.7 2.0 2.3 3.7 2.0 3.9 7.1 2.2 2.4 2.4 2.4 2.4 2.4 2.4 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5	-2	7 5 7 7 27 4 2 7 3 15 6 32 2 18 8 2 0 10 4 4 8 8 10 0 4 19 12 2 12 2 9 10 -12 2 3 15 15 15 13 30 344 9
DAX CAC MIS	12,367 5,134 20,961 837 76,000 837 76,000 10,97	-0.1 -0.1 -0.5 -0.5 -0.7 -0.9 -0.1 -0.3 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2	0.3 1.9 1.7 0.9 0.6 0.0 0.9 0.1 1.4 0.1 1.4 0.1 1.3 1.3 2.3 1.3 2.1 3.7 2.4 2.5 3.6 4.4 2.4 2.5 3.6 2.6 2.4 2.4 2.5 3.5 3.5 3.5 3.6 8.0	-2 -2 -2 -3 -3 -3 -4 -4 -3 -3 -3 -3 -4 -3 -3 -3 -3 -4 -3 -3 -3 -3 -4 -3 -3 -3 -3 -4 -4 -3 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	7 5 7 7 27 7 4 2 2 7 7 -3 3 15 -16 32 2 10 0 8 6 -7 10 4 19 2 12 3 24 4 2 2 9 10 0 -12 3 15 15 15 15 13 30 34
DAX CAC MISS MISS AND	12,367 5,134 20,961 837 76,000 837 76,000 10,97	0.1 0.3 0.5 0.7 0.9 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	0.3 1.9 1.7 0.9 0.6 0.0 0.9 0.1 1.4 0.1 1.4 0.1 1.4 0.3 0.3 0.3 Wsekly 2.3 1.3 2.7 2.1 3.7 2.1 3.7 2.1 3.7 2.1 3.7 2.1 3.7 3.7 3.9 3.9 3.9 3.9 3.9 3.9 3.9 3.9 3.9 3.9	-2	7 5 7 7 27 4 2 7 7 3 3 15 -16 32 2 10 9 10 9 2 12 12 3 3 15 15 15 15 15 15 13 30 34 4 9 12 Year
DAX CAC AGA MID AGA MID AGA MID AGA MID AGA MID MIS MIS MIS MIS MIS MIS MIS	12,367 5,134 20,991 837 76,000 837 76,000 817 1,996 822 828 828 828 840 828 840 840 840 840 840 840 840 840 840 84	0.1 0.3 0.5 0.7 0.9 0.1 0.3 0.5 0.5 0.6 0.4 0.5 0.5 0.6 0.4 1.6 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.3 1.9 1.7 0.9 1.7 0.9 0.6 0.0 0.9 0.1 1.4 0.1 1.4 0.1 1.4 0.1 1.4 0.1 1.4 0.1 1.4 0.1 1.5 0.3 0.8 0.8 1.3 2.3 2.3 2.3 2.1 3.7 2.0 0.3 2.3 2.3 2.1 3.7 2.0 2.0 2.0 2.0 2.1 3.5 3.5 3.6 3.6 3.2 3.5 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6	-2 -2 -1 -8 -0 -1 -1 -1 -2 -0 -2 -3 -1 -1 -2 -2 -2 -1 -1 -1 -2 -2 -2 -1 -1 -1 -2 -2 -1 -1 -1 -2 -2 -3 -3 -4 -4 -2 -3 -3 -4 -4 -2 -3 -3 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4	7 5 7 7 27 4 2 7 7 4 3 15 6 6 32 2 18 8 2 10 0 YTD 4 8 6 6 7 7 10 4 2 2 9 10 0 2 12 12 3 3 15 15 15 15 15 15 15 13 30 34 4 9 12 Year 9
DAX CAC AGE MID MID MID MID MID MID MID MI	12,367 5,134 20,961 837 827 827 828 829 822 82301 1,906 827 828 829 826 827 827 828 828 828 828 828 828 828 828	0.1 1.0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.	0.3 1.9 1.7 0.9 1.7 0.9 0.6 0.0 0.9 0.1 1.4 0.1 1.4 0.1 1.4 0.1 3.0 3.2 3.3 2.1 3.7 2.0 3.8 3.7 2.0 3.9 3.1 3.1 3.1 3.1 3.1 3.7 3.0 3.8 3.9 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1	-2 -2 1 8 0 -1 1 1 2 0 2 3 1 1 2 2 2 2 1 1 1 9 1 0 7 7 5 6 6 3 3 5 7 4 4 1 2 5 5 1 2 1 7 7 1 1 0 0 5 5 2 3 3 4 4 0 6 6 Monthly 1 -1 -0 -7 3 .6 6 Monthly 3 -1 -0 -7 3 .6 6 6 Monthly 3 -1 -0 -7 3 .6 6 6 Monthly 3 -1 -0 -7 3 .6 6 6 Monthly 3 -1 -0 -7 3 .6 6 6 Monthly 3 -1 -0 -7 3 .6 6 6 Monthly 3 -1 -0 -7 3 .6 6 6 Monthly 3 -1 -0 -7 3 .6 6 6 Monthly 3 -1 -0 -7 3 .6 6 6 Monthly 3 -1 -0 -7 3 .6 6 6 Monthly 3 -1 -0 -7 3 .6 6 6 Monthly 3 -1 -0 -7 3 .6 6 6 Monthly 3 -1 -0 -7 3 .6 6 6 Monthly 3 -1 -0 -7 3 .6 6 6 6 Monthly 3 -1 -0 -7 3 .6 6 6 Monthly 3 -1 -0 -7 3 .6 6 6 Monthly 3 -1 -0 -7 3 .6 6 6 Monthly 3 -1 -0 -7 3 .6 6 6 Monthly 3 -1 -0 -7 3 .6 6 6 Monthly 3 -1 -0 -7 3 .6 6 6 Monthly 3 -1 -0 -7 3 .6 6 6 Monthly 3 -1 -0 -7 3 .6 6 6 Monthly 3 -1 -0 -7 3 .6 6 6 Monthly 3 -1 -0 -7 3 .6 6 6 Monthly 3 -1 -0 -7 3 .6 6 Monthly	75 77 77 77 74 42 77 -31 15 -16 32 18 8 2 10 VTD 8 6 6 7 7 10 4 19 9 10 -12 3 15 15 15 15 15 15 15 15 15 15 15 15 15
DAX CAC MIB MSC LANGE AND	12,367 5,134 20,981 82,2091 1906 1908 1908 1908 1908 1908 1908 1908 1908	0.11 0.3 0.5 0.7 0.9 0.1 0.3 0.0 0.1 0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.3 1.9 0.3 1.9 1.7 0.9 0.6 0.0 0.0 0.1 1.4 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	-2 -2 -1 -8 -0 -1 -1 -1 -2 -2 -3 -1 -2 -2 -2 -1 -2 -2 -2 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	75 57 77 44 27 73 31 15 -16 32 10 YTD 8 8 6 -7 10 4 8 10 12 12 12 12 12 12 13 15 15 15 15 15 15 15 15 15 15 15 15 15
DAX CAC CAC CAC CAC CAC CAC CAC CAC CAC C	12,367 5,134 20,981 837 837 837 837 837 837 837 837 84 838 838 838 838 838 838 838 838 838	0.11 0.3 0.5 0.7 0.9 0.1 0.3 0.0 0.1 0.3 0.0 0.1 0.3 0.0 0.0 0.0 0.0 0.1 0.1 0.1 0.1 0.1 0.1	0.3 1.9 1.7 0.9 1.7 0.9 0.6 0.0 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.9 0.1 1.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-2 -2 -1 -8 -0 -1 -1 -1 -2 -2 -3 -1 -2 -2 -2 -1 -2 -2 -2 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	75 77 27 4 22 7 -3 15 -16 32 18 8 10 8 6 6 -7 10 4 19 2 12 12 3 15 15 15 15 15 15 15 15 15 15 15 15 15
DAX CAC MIST MIST MIST MIST MIST MIST MIST MIST	12,367 5,134 20,981 6,100 6,25,23 6,100 6,25,23 6,100 6,25,23 6,100 6,25,23 6,100 6,25,23 6,25 6,25 6,25 6,25 6,25 6,25 6,25 6,25	0-11 -0-13 -0-15 -	0.3 1.9 1.7 0.9 1.7 0.9 0.6 0.0 0.0 0.1 1.4 0.1 0.1 1.4 0.1 0.1 1.4 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	-2 -2 -1 -1 -1 -2 -2 -3 -1 -1 -2 -2 -3 -1 -1 -1 -2 -2 -3 -1 -1 -1 -2 -2 -3 -3 -1 -1 -2 -2 -3 -3 -4 -4 -6 -2 -3 -3 -3 -4 -6 -0 -7 -5 -6 -0 -7 -0	75 77 27 4 2 2 7 3 3 15 6 32 18 8 6 6 7 10 8 6 6 7 10 12 12 12 12 12 3 15 15 15 15 15 15 15 15 15 15 15 15 15
DAX CAC MISS MASS Adverse* MISS Adverse* Miss and Mass Adverse* Miss Carbon Mass Adverse* Miss Carbon Mass Adverse* Miss Carbon Miss Carbo	12,367 5,134 20,981 307 307 307 307 307 307 307 307 307 307	0-11 -0-12 -0-13 -0-15 -0-16 -	0.3 1.9 1.7 0.9 1.7 0.9 1.7 0.9 0.6 0.0 0.0 0.1 0.1 0.3 0.8 0.3 0.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1	-2 -2 1 8 0 -1 1 1 2 0 0 3 3 3 1 1 9 10 7 7 5 6 6 3 5 5 7 1 2 2 1 1 1 9 10 7 7 5 6 6 1 1 1 7 1 0 0 5 5 1 2 2 3 3 3 3 4 4 0 6 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	75 77 77 77 77 77 73 31 156 32 18 8 6 77 10 8 6 6 77 10 12 12 12 12 13 15 15 15 15 15 15 15 15 15 15 15 15 15
DAX CAC MIST MIST MIST MIST MIST MIST MIST MIST	12,367 5,134 20,981 6,5134 20,981 6,5134 6,5136 6,5	0-11 0-3 0-5 0-7 0-9 0-9 0-9 0-9 0-9 0-9 0-9 0-9 0-9 0-9	0.3 1.9 1.7 0.9 0.6 0.0 0.0 0.0 0.0 0.0 0.0 0.1 1.4 0.1 0.3 0.8 0.3 1.3 1.3 1.7 2.3 1.3 3.7 2.1 3.7 2.1 3.7 2.1 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7	-2 -2 1 8 0 -1 1 1 2 2 0 2 3 1 1 2 2 2 3 3 1 1 1 1 0 0 7 7 5 6 2 3 3 3 4 4 0 6 6 2 0 6 0 7 3.6 6 2 0 7 3.6 6 2 0 7 3.6 6 2 0 7 3.6 6 2 0 7 0 3 3 6 1 1 0 0 3 6 1 0 0 0 3 6 1 0 0 0 3 6 1 0 0 0 3 6 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	75 77 27 27 27 27 27 3 15 32 18 20 10 32 18 6 6 7 10 34 19 2 12 3 24 2 9 10 34 36 6 7 4 31 6 7 4 31 4 31 4 31 4 31 4 31 4 31 4 31 4
DAX CAC MISS MISS AND	12,367 5,134 20,981 6,5134 20,981 6,5134 6,5136 6,5	0-11 -0-12 -0-13 -0-15 -0-17 -0-19 -0-17 -0-19 -	0.3 1.9 1.7 0.9 0.6 0.0 0.0 0.0 0.0 0.0 0.1 1.4 0.1 0.3 0.8 0.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1	-2 -2 1 8 0 -1 1 1 2 2 0 0 1 1 1 1 2 2 2 3 3 1 1 2 2 2 2 2 2 2 2 2	75 77 27 27 27 27 27 29 31 55 16 32 88 60 77 10 8 66 77 10 31 4 19 9 10 31 4 22 9 10 31 4 24 2 9 10 31 4 7 31 6 6 2 1 4 4 3 6 6 2 1 4 4 4 4 4
DAX CAC CAC CAC CAC CAC CAC CAC CAC CAC C	12,367 5,134 20,981 76,000 62,523 76,000 62,523 62,523 62,523 62,523 62,523 62,523 63,72 64,62 64,62 66,639 666,69 666,69 3,29 666,69 666,69 3,29 666,69 666,69 3,29 666,69 666,69 3,29 666,69 666,69 666,69 666,69 666,69 666,69 666,69 666,69 666,69 666,69 666,69 666,69 666,69 666,69 666,69	0-1 0-3 0-3 0-5 0-5 0-5 0-5 0-5 0-5 0-5 0-5 0-5 0-5	0.3 1.9 1.7 0.9 0.9 1.7 0.9 0.9 0.9 0.9 0.1 1.4 0.1 0.1 1.4 0.1 0.3 0.8 0.3 1.9 1.9 0.1 1.4 0.1 0.1 1.4 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 0.8 0.8	-2 -2 1 8 0 1 1 1 1 2 2 2 3 1 1 2 2 2 Mounthly 8 11 1 9 9 10 0 7 7 7 1 1 0 0 5 5 1 2 2 3 3 3 4 4 0 6 6 Mounthly 1.1 0 6 6 2 3 3 5 7 7 1 0 0 5 5 1 2 2 3 3 3 4 0 6 6 Mounthly 1.1 0 0 6 6 2 0 7 3 6 6 1 0 0 7 0 7 3 6 6 1 0 0 7 0 7 0 7 0 7 0 7 0 7 0 7 0 7 0 7	75 77 78 78 79 79 71 80 81 81 81 81 81 81 81 81 81 81 81 81 81
DAX CAC AGA MID MID MID MID MID MID MID MI	12.367 / 76.000 62.523 / 76.00	0-11 0-12 0-13 0-15 0-15 0-15 0-15 0-15 0-15 0-15 0-15	0.3 1.9 0.3 1.9 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-2 -2 1 8 0 1 1 1 2 2 2 3 1 1 2 2 2 3 1 1 1 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	75 77 4 2 77 4 2 7 3 15 -16 32 18 2 10 91 10 8 6 -7 10 4 8 10 11 12 12 12 12 12 12 13 15 15 15 15 15 15 15 15 15 15 15 15 15
DAX CAC MISS MASS Adverse* MISS MASS Adverse* Miss Cast Mass as the Mass as th	12,367 5,134 20,981 6,207 6,20	0-11 -0-13 -0-15 -	0.3 1.9 0.3 1.9 0.0 0.9 0.0 0.0 0.0 0.0 0.1 1.4 0.1 0.3 3.2 1.3 3.7 2.0 3.3 2.1 3.7 2.0 3.8 2.1 3.7 2.0 3.8 3.9 3.9 3.9 3.1 3.1 3.7 3.7 3.9 3.9 3.9 3.9 3.9 3.9 3.9 3.9 3.9 3.9	-2 -2 1 8 0 1 1 1 1 1 2 2 3 3 1 1 2 2 2 1 1 1 1 1 1	75 77 74 4 2 77 33 15 -16 32 8 8 2 10 9 10 10 4 8 6 6 -7 10 10 11 11 11 10 11 11 11 11 11 11 11
DAX CAC CAC CAC CAC CAC CAC CAC CAC CAC C	12.367 / 76.000 62.523 / 76.000 62.523 / 76.000 62.523 / 76.000 62.523 / 76.000 62.523 / 76.000 62.523 / 76.000 62.523 / 76.000 62.523 / 76.000 62.500 / 76.000 62.500 / 76.000 62.500 / 76.000 62.500 / 76.000 /	0-11 0-2 0-2 0-2 0-2 0-2 0-2 0-2 0-2 0-2 0-2	0.3 1.9 0.3 1.9 0.9 0.0 0.9 0.0 0.0 0.9 0.0 0.0 0.1 1.4 0.3 0.3 0.3 2.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1	-2 -2 -2 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	75 77 4 27 74 27 73 315 56 32 88 810 88 80 10 910 4 810 82 910 91 92 12 3 42 29 910 91 91 92 91 92 93 94 93 94 93 94 95 96 96 97 97 97 97 97 98 98 98 98 98 98 98 98 98 98 98 98 98
DAX CAC MIST MIST MIST MIST MIST MIST MIST MIST	12,367 5,134 20,981 6,5134 20,981 6,5134 6,5136 6,5	0-11 -0-12 -0-13 -0-15 -0-16 -	0.3 1.9 0.3 1.9 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-2 -2 1 8 0 1 1 1 2 1 2 2 3 3 1 1 1 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1	75 77 4 2 77 4 2 7 3 15 -16 32 8 8 10 91 10 8 6 -7 11 12 12 12 13 3 15 15 13 30 34 4 9 12 Vear 4 4 4 11 0 11 0 11 2 5
DAX CAC MISS MISS AND A MISS AND	12,367 5,134 20,981 6,2523 6,2523 1,1968 6,2523 1,1968 6,2523 1,1968 1,201 1,2	0-11 0-12 0-13 0-15 0-15 0-15 0-15 0-15 0-15 0-15 0-15	0.3 1.9 0.3 1.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-2 -2 -2 -1 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	75 77 4 2 77 4 2 77 3 15 6 32 8 8 8 6 6 7 10 10 10 4 19 12 3 15 15 15 15 15 15 15 15 15 15 15 15 15
DAX CAC CAC MID MID MID MID MID MID MID MI	12,367 5,134 20,981 6,5134 20,981 6,5134 6,5136 6,5	0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1	0.3 1.9 0.3 1.9 0.9 0.6 0.0 0.0 0.0 0.0 0.0 0.1 1.4 1.0 1.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1	-2 -2 -2 -1 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	75 77 4 22 73 3156 322 10 8 8 8 10 8 6 6 7 10 9 12 12 12 12 13 15 15 15 15 15 15 15 15 15 15 15 15 15
DAX CAC AGE MIST MIST	12,367 5,134 20,981 6,5134 20,981 6,5134 6,5136 6,5	0-11 -0-12 -0-13 -0-14 -0-15 -0-14 -0-15 -0-16 -	0.3 1.9 0.3 1.9 0.6 0.6 0.0 0.9 0.9 0.0 0.0 0.9 0.1 1.4 1.3 1.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2	-2 -2 1 1 8 0 0 1 1 1 2 2 0 2 2 1 1 1 2 2 2 2 1 1 1 1	75 77 4 2 27 4 2 27 4 3 3 3 10 4 8 8 2 100 4 9 10 2 12 12 12 12 13 15 15 15 15 15 15 15 15 15 15 15 15 15
DAX CAC MISS MISS AND A MISS AND	12,367 5,134 20,981 6,100 6,2523 6,2523 6,2523 1,1968 6,2523 1,1968 1,19	0-11 -0-12 -0-13 -0-14 -0-15 -0-16 -	0.3 1.9 0.3 1.9 0.6 0.0 0.9 0.9 0.0 0.0 0.9 0.1 1.4 0.3 0.8 0.8 0.3 2.3 2.3 2.1 2.1 2.1 2.2 2.0 4.3 3.9 2.3 3.1 2.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3	-2 -2 1 8 8 9 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1	75 77 74 22 77 42 27 43 31 31 31 31 31 48 88 66 67 71 10 11 21 22 29 91 41 31 31 31 31 31 31 31 31 31 31 31 31 31
DAX CAC MISS MASS AND MISS AND	12.367 / 76.000 62.523 / 76.00	0-11 -0-13 -	0.3 1.9 0.3 1.9 0.6 0.0 0.9 0.0 0.0 0.0 0.0 0.0 0.1 1.1 0.1 0.1 0.1	-2 -2 -2 -1 8 -8 -8 -8 -8 -8 -8 -8 -8 -8 -8 -8 -8 -	75 77 4 2 2 77 4 2 2 77 3 18 8 6 6 7 10 0 8 6 6 7 7 10 0 8 6 6 7 7 10 0 8 7 7 10 10 10 10 10 10 10 10 10 10 10 10 10
DAX CAC MISS	12,367 5,134 20,981 76,000 62,523 76,000 62,523 62,523 62,523 62,523 62,523 62,523 62,523 62,523 63,	0-11 -0-12 -0-13 -0-14 -0-15 -0-16 -	0.3 1.9 0.3 1.9 0.6 0.6 0.0 0.9 0.0 0.0 0.0 0.0 0.1 1.4 1.4 1.0 1.3 2.1 3.7 2.1 3.7 2.1 3.7 2.1 3.7 2.1 3.7 2.1 3.7 2.1 3.7 2.1 3.7 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1	-2 -2 1 8 0 0 1 1 1 2 2 2 2 1 1 8 1 1 1 2 2 2 2 1 1 1 1	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7





Developed Markets level Daily Week Month YTD US (2-yr) 1.40 0.1 1.3 9 18 US 2.38 1.1 7.3 20 6 GER (2-yr) -0.61 -2.9 -3.3 12 17	Debt markets	(10Y, %, ch	anges in b	(p)		
1989 1.50 2.50	Developed Markets US (2-yr)	1.40	Daily 0.1	Week 1.3		
Germany	US	2.38	1.1	7.3		-6
Spain 1,70 2,6 15,5 1,6 1,6 1,6 1,6 1,6 1,6 1,7 2 4,6 1,6 1,7 2 4,6 1,7 2 4 1,7 1 2 1,7 1 1 2 1,7 1 1 2 1,7 1 1 2 1,7 1 1 2 1,7 1 1 1,7 1 2 1,7 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 1 2 2 2 2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 4 3 3 4 3 3 4 3 3 4 3 4 4 3 4 4 4 4 4	Germany	0.56	-0.6	9.0		28
Persigner 1,12 2,13 2,10 2	Spain	1.70	2.6	16.5	14	19
SpenCPY 0,010 0,02 1,72 1,73 1,70 1	Portugal	3.12		9.5	2	-105
Camprig Missels May	Japan (2-yr)	-0.10	3.3 -0.8	1.7		-148 9
Bazel	Japan Emerging Markets	0.09 level	0.1	4.0 Weekly	2	2 YTD
Codempine G.78 G			-2.6			
Pemp	Colombia	6.78	-2.5	35.5	64	-32
Resp	Peru	5.56	-2.3	19.9	13	-91
Medica 1963 200 21 200	Poland Russia	8.01	6.0	10.7	24	-44
Image		10.63		36.0 2.1	40 -4	-37 15
Personal part	Indonesia	7.17	23.9	33.9	22	-67
France (Developed Markets	level		Weekly	Monthly	YTD
Table 170		37	1.4	2.1		-16
September Sep		176	5.3	6.7	-27	17
Personal	Spain	115	3.2	7.5		
Persigner 1988 2088		24	-2.4	3.9	2	13
Speech Perform Per			2.4			-12
Separation 1969	Spain	42	-1.7	10.5	-4	-6
Semilland 141		level	Daily	Weekly	Monthly	YTD
Columbia 143 27 6 15 27 15 15 15 15 15 15 15 1	Brazil		2.7			-30
Pent	Colombia	143	2.2	6	18	-21
Verence	Mexico Peru		1.3			
Pensang			72.3			
Chang (Russia	177	2.8	8	25	0
Indice	China	72	0.1	- 1	-3	-45
Company Comp	India	90	-0.3	2	-3	-37
VIX. 12 20 20 20 20 20 20 20	Ris			-	,	
VSTOXX		level 12	Daily -5.0	Weekly 7	Monthly 15	
Common process Comm	VSTOXX	15	-1.7	-12	4	- 4
Mart	Dollar/euro volatility	7	2.4	1	-4	-34
Somewhere Som	EM FX volatility index Credit sprend (BAA) (bps)					
Second	US bonds volatility index		0.9		4	-25
Page	Banking 5 y CDS (bps) * US	level 53		Weekly 0	Monthly -8	
Immersementh 500 101 2 3 3 5 5 5 5 5 5 5 5			1.2			
Composition (1998) Object (1998) Composition (1998) Color (1998) <t< td=""><td>Large Spanish</td><td>59</td><td>1.1</td><td>2</td><td>-31</td><td>-58</td></t<>	Large Spanish	59	1.1	2	-31	-58
EZNORPHICK 1988						
Memory						
Company Comp	UK Non-financial	114	0.4	0		
Earlor 3		rkets (%, che level			Monthly	YTD
Eurober 12th 1.00 1	Further 3m					
Internation	Euribor 12m	-0.16	0.00	0.0	0.0	-0.1
Section Sect	Libor 12m	1.75	0.00	0.0	0.0	0.1
Internations Int				-48.9	-51.7	-66.4
SAPSPORO						
Nicholane 19,929		lance 1		Martin	All a material	VYD
FISE 100	Main indices S&P500	level 2,417	Daily 0.3	-0.3	-4	6
IBBN 10,460	Main indices S&P500 Dow Jones Nikkei	2,417 21,366	Daily 0.3 0.2	-0.3 0.1	-1	6 7
CAC	Main indices S&P500 Dow Jones Nikkei	2,417 21,366 19,929 7,339	0.3 0.2 -0.3 0.0	-0.3 0.1 -0.5 0.4	-1 1 0 -2	6 7 2 2
ASE Almoses 837 97 17 8 22 Microsept 18 18 18 18 18 18 18 Microsept 18 18 18 18 18 18 18 Microsept 18 18 18 18 18 18 18 Microsept 18 18 18 18 18 18 Microsept 18 18 18 18 18 Microsept 18 18 18 18 18 Microsept 18 Microsept 18 18 Microsept 18 18 Microsept 18 18 Microsept 18 Microsept 18 18 Microsept 1	Main indices \$&P500 Dow Jones Nikkei FTSE 100 EuroStoxx 50 IBEX	2,417 21,366 19,929 7,339 3,458 10,460	Daily 0.3 0.2 -0.3 0.0 -0.1 -0.4	-0.3 0.1 -0.5 0.4 0.5 0.2	-1 1 0 -2 -3 -4	6 7 2 2 4 11
MSCO Laten* 7,000 0,9 0,9 0,9 0,9 0,9 0,9 0,9 0,9 0,9	Main indices SAPS00 Dow Jones Niklord FTSE 100 EuroStoxx 50 IBEX DAX CAC	2,417 21,366 19,929 7,339 3,458 10,460 12,367 5,134	Daily 0.3 0.2 -0.3 0.0 -0.1 -0.4 -0.1 -0.3	-0.3 0.1 -0.5 0.4 0.5 0.2 0.3 0.3	-1 1 0 -2 -3 -4 -2	6 7 2 2 4 11 7
Mexico M	Main indices S&P500 Dow Jones Nikket FFES 100 EuroStoxx 50 BIBCX DAX CAC	2,417 21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981	Daily 0.3 0.2 -0.3 0.0 -0.1 -0.4 -0.1 -0.3 -0.5	-0.3 0.1 -0.5 0.4 0.5 0.2 0.3 0.3 1.9	-1 1 0 -2 -3 -4 -2 -2 1	6 7 2 2 4 11 7 5
Pecken	Main indece SAPS00 Down Jones Waket Index Waket Index Box SO BEX DAX CAC GAC MIB SE ASE Afters MSCI Latam*	2,417 21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 837 76,000	Daily 0.3 0.2 -0.3 0.0 -0.1 -0.4 -0.1 -0.3 -0.5 -0.7	-0.3 0.1 -0.5 0.4 0.5 0.2 0.3 0.3 1.9 1.7 0.9	-1 1 0 -2 -3 -4 -2 -2 1 8 0	6 7 2 2 4 11 7 5 7 27
Micro (finale) 1906 09	Mis in indices \$46900 Down Jones Holder Hol	1cvel 2,417 21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 837 76,000 62,523 49,854	0.3 0.2 -0.3 0.0 -0.1 -0.4 -0.1 -0.3 -0.5 -0.7 -0.9 0.1	-0.3 0.1 -0.5 0.4 0.5 0.2 0.3 0.3 1.9 1.7 0.9 -0.6 0.0	-1 0 -2 -3 -4 -2 -2 1 8 0 -1 1	6 7 2 2 4 11 7 5 7 27 4 2 7
MSCOEM Ania* 822	ALS, SALESON ALSON S	2,417 21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 837 76,000 62,523 49,854 4,878	0.3 0.2 -0.3 0.0 -0.1 -0.4 -0.1 -0.3 -0.5 -0.7 -0.9 0.1 -0.3 -0.3	-0.3 0.1 -0.5 0.4 0.5 0.2 0.3 1.9 1.7 0.9 -0.6 0.0 0.9	-1 1 0 -2 -3 -4 -2 -2 1 1 8 0 -1 1 2	6 7 2 2 4 11 7 5 7 27 4 2 7
Instant	SAS-SPO DO DOWN JORNES SAS-SPO DO DOWN JORNES SAS-SPO DOWN JORNES SAS SAS SAS SAS SAS SAS SAS SAS SAS S	2,417 21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 837 76,002 49,854 4,878 2,301 1,906	Daily 0.3 0.2 -0.3 0.0 -0.1 -0.4 -0.1 -0.3 -0.5 -0.7 -0.9 0.1 -0.3 -0.2 -0.0	-0.3 0.1 -0.5 0.4 0.5 0.2 0.3 0.3 1.9 1.7 0.9 -0.6 0.0 0.9 0.1 1.4	-1 1 0 -2 -3 -4 -2 -2 -2 1 8 0 -1 1 2	6 7 2 2 4 11 7 5 7 27 4 2 7 -3 15
	SAS-PERO Dow Jones Notes FISE 100 FISE	10vcl 2,417 21,366 19,929 3,458 10,460 12,367 5,134 20,981 837 76,000 62,523 49,854 4,878 2,301 1,906 100,370 822	Daily 0.3 0.2 -0.3 0.0 -0.1 -0.4 -0.1 -0.3 -0.5 -0.7 -0.9 0.1 -0.3 -0.2 0.0 -0.9 -0.3 -0.2	-0.3 0.1 -0.5 0.4 0.5 0.2 0.3 1.9 1.7 0.9 -0.6 0.0 0.9 0.1 1.4 -0.1 -0.3	-1 1 0 -2 -3 -4 -2 -2 1 8 0 -1 1 1 2 0 2	6 7 2 2 4 111 7 5 7 27 4 2 7 -3 115 -16 32 18
JAME 193,5 0.1 2.3 1.1 8.1	SAS-SPO DO DOW JORNS SAS-SPO DO DOW JORNS SAS-SPO DO DOW JORNS SAS-SPO DOW JORNS SAS	2.417 21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 837 76,000 62,523 49,854 4,878 2,301 1,906 100,370 822 3,218	Daily 0.3 0.2 -0.3 0.0 -0.1 -0.4 -0.1 -0.3 -0.5 -0.7 -0.9 0.1 -0.3 -0.2 0.0 -0.9 -0.3 -0.2 0.2 0.2 0.2	-0.3 0.1 -0.5 0.2 0.3 0.3 1.9 1.7 0.9 0.0 0.0 0.9 0.1 1.4 -0.1 -0.3 0.8	-1 1 0 -2 -3 -4 -2 -2 1 8 0 -1 1 2 0 2 3 1 2	6 7 2 4 111 7 5 7 27 4 2 7 -3 15 -16 32 18 2
CEI	18, bit Aric 20, 554-500 Down Jones 1955 100 Extraorism 50 BEX DOX CAC CAC CAC CAC CAC CAC CAC CAC CAC CA	1evel 2.417 21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 837 76,000 62,523 49,854 4,878 2,301 1,906 100,370 822 3,218 5,815 level	Daily 0.3 0.2 -0.3 0.0 -0.1 -0.4 -0.1 -0.5 -0.7 -0.9 -0.1 -0.3 -0.2 0.0 -0.9 -0.3 -0.2 Daily	-0.3 0.1 -0.5 0.2 0.3 1.9 1.7 0.9 -0.6 0.0 0.9 0.1 1.4 -0.1 -0.3 0.8 Weekly	-1 1 0 -2 -3 -4 -2 -2 1 8 0 -1 1 2 0 0 2 3 1 2 2 Monthly	6 7 2 2 4 111 7 5 7 27 4 2 7 -3 15 -16 32 18 2 10
MS	18. Bit Act of SASS OF	16vel 2.417 21.366 19.929 7.339 3.458 10.460 12.367 5.134 20.981 837 76.000 62.523 49.854 4.878 2.301 1.906 5.815 5.815 16vel 124.9 93.5	Daily 0.3 0.2 -0.3 0.0 0.0 -0.1 -0.4 -0.1 -0.3 -0.5 -0.7 -0.9 0.1 -0.3 -0.2 -0.9 -0.2 -0.2 -0.2 -0.1 -0.1	-0.3 0.1 -0.5 0.4 0.5 0.2 0.3 0.3 1.9 1.7 0.9 -0.6 0.0 0.9 0.1 1.4 -0.1 1.4 -0.1 -0.3 0.8 -0.3 Weekly 2.3 2.3	-1 1 0 -2 -3 -4 -2 -2 1 8 0 -1 1 1 2 2 3 1 1 2 2 2 Monthly 8 111	6 7 2 4 111 7 5 7 27 4 2 7 -3 15 -16 32 18 2 10 YTD
EZ bande	Intelligence SESEDIO Dow Jones Note ITSE 100 Uncolonia U	16vel 2,417 21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 837 76,000 62,523 49,854 4,878 2,301 1,906 100,370 822 3,218 5,815 16vel 124,9 93,5 67,7	Daily 0.3 0.2 -0.3 0.0 -0.1 -0.4 -0.1 -0.3 -0.5 -0.7 -0.9 0.1 -0.3 -0.2 -0.0 -0.9 -0.3 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2	-0.3 0.1 -0.5 0.4 0.5 0.2 0.3 0.3 1.9 0.9 -0.6 0.0 0.9 0.1 1.4 -0.1 -0.3 0.8 Weekly 2.3 2.3 1.3	-1 1 0 -2 -3 -4 -2 -2 -1 8 0 -1 1 2 0 2 3 1 2 2 Monthly 8 11	6 7 2 2 4 111 7 5 7 27 4 4 2 7 7 -3 15 -16 32 10 YTD 4 8 8
BRP	Hamilanders SAS-SP00 Dow Jonne Holse FTSE 100 EEX DOX HOLSE DOX HOLSE MSG LAttam * Blooverge Blooverge MSG Lattam * Blooverge Blooverge MSG LAttam *	16vel 2,417 21,366 21,366 31,3458 10,460 12,367 5,134 20,981 837 76,000 62,523 49,854 4,878 2,301 1,906 3,218 5,815 164 1,906 67,77 24,8 46,2	Daily 0.3 0.2 0.3 0.0 0.0 0.1 0.1 0.4 0.4 0.5 0.7 0.9 0.1 0.2 0.0 0.2 0.2 0.2 0.2 0.3 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	-0.3 0.1 -0.5 0.4 0.5 0.4 0.5 0.2 0.3 0.3 1.9 1.7 0.9 -0.6 0.0 0.9 0.1 1.4 -0.1 -0.3 Weekly 2.3 1.3 2.1 3.7	-1 1 0 -2 -3 -4 -2 -2 1 8 0 -1 1 2 0 2 3 1 2 2 Monthly 8 11 9 10 7	6 7 2 4 111 7 5 7 27 4 2 7 -3 3 15 -16 32 18 2 10 10 10 10 10 10 10 10 10 10 10 10 10
Dentisher 16.6 0.4 7.1 7.0 2.1	Hamiltonia SAS-SPO Dow Jonne Dow Jonne Historia FISE 100 Exception BEX DOX CAC CAC CAC CAC CAC CAC CAC CAC CAC CA	level 2,417 21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 837 76,000 62,523 49,854 4,878 2,301 1,906 100,370 82,5815 level 124,9 93.5 67.7 24.8 46.2 226.3 115.9	0aily 0.3 0.2 0.3 0.0 0.0 0.1 0.4 0.5 0.9 0.1 0.3 0.0 0.0 0.1 0.3 0.0 0.0 0.9 0.1 0.3 0.0 0.9 0.1 0.2 0.2 0.2 0.0 0.1 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	-0.3 0.1 -0.5 0.4 0.5 0.2 0.3 0.3 1.9 1.7 0.9 -0.6 0.0 0.9 0.1 1.4 -0.1 -0.3 0.8 -0.3 Weekly 2.3 1.3 1.3 2.3 1.3 2.3 4.3	-1 1 0 -2 -3 -4 -2 -2 -1 8 0 -1 1 2 0 2 3 1 2 2 Monthly 8 11 9 10 7 5 6	6 7 2 2 4 11 7 5 7 7 4 2 2 7 3 15 15 6 32 18 2 10 10 10 10 10 10 10 10 10 10 10 10 10
Intense	Intelligence SeeSeDo Dow Jones Water FTSE 100 GENERAL SEESE GENERAL SEES	level 2,417 21,366 19,929 7,339 3,458 10,460 712,367 5,134 20,981 837 76,000 62,523 49,854 4,878 2,301 1,906 100,370 822 3,218 5,815 level 124,9 93,5 67,7 24,8 46,2 226,3 115,9 65,6	0.5 ily 0.3 0.2 0.3 0.0 0.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	-0.3 0.1 -0.5 0.4 0.5 0.2 0.3 0.3 1.9 1.7 0.9 0.6 0.0 0.1 1.4 -0.1 -0.1 -0.3 0.8 Weekly 2.3 1.3 2.1 3.7 2.0 4.3	-1 1 0 -2 -3 -4 -2 -2 -2 1 1 8 0 -1 1 1 2 0 0 2 3 1 1 2 2 2 Monthly 8 11 1 9 10 7 7 5 6 3 3	6 7 2 2 4 11 7 5 7 7 4 2 7 7 3 15 -16 3 2 10 10 10 10 10 10 10 10 10 10 10 10 10
Université 17.4 0.6 6.4 1.2 24 1.2 24 1.2 24 1.2 24 1.2 24 1.2 24 1.2 24 1.2 24 1.2 24 1.2 24 1.2 24 1.2 24 1.2 24 1.2 24 1.2 24 1.2 24 1.2 24 1.2 24 1.2 24 24 1.2 24 24 24 24 24 24 24	Intelligence SeSESDO Down Jones Notice SeSESDO Down Jones Notice SeSESDO Down Jones Notice SeSESDO Down Jones SESSESDO DOWN JONES SESSES SESSES SESSES SESSES SESSES SESSES	10vel 2,417 21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 1,906 100,376 822 3,218 5,815 1cvel 124,9 93.5 67.7 24.8 46.2 226.3 115.9 65.6 14.6 116.6 116.6	Daily 0.3 0.2 0.3 0.0 0.1 0.1 0.4 0.1 0.3 0.5 0.7 0.9 0.1 0.2 0.0 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.3 0.0 0.1 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.3 0.0 0.0 0.3 0.6 0.4 0.3 0.6 0.4 0.3	-0.3 0.1 0.5 0.4 0.5 0.2 0.3 0.3 1.9 0.6 0.0 0.0 0.1 1.7 0.9 0.6 0.0 0.1 1.4 0.1 1.4 0.1 1.3 0.8 0.8 0.3 1.3 2.1 2.3 2.3 2.3 2.3 2.3 2.4 2.0 2.0 2.9 2.3 2.3 2.1 2.0 2.0 2.7 2.0 2.0 2.7 2.0 2.7 2.0 2.7 2.0 2.7 2.0 2.7 2.7 2.0 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7	-1 1 0 -2 -3 -4 -2 -2 -1 1 8 0 -1 1 1 2 2 3 1 1 2 2 2 Morethly 8 11 1 9 10 7 7 5 6 6 3 5 7 7	6 7 2 2 4 111 7 5 7 27 4 2 7 -3 15 -16 32 2 10 9 YTD 4 8 6 -7 7 10 4 11 11 11 11 11 11 11 11 11 11 11 11 1
With State 96 0.3 2.4 1 2	Manufaces S454590 Dow Jonnes Holse FTSE 100 D Exceptions DOX MANUFACES MANUF	10vel 2.417 21,366 19,929 7,339 3.458 10,460 12,367 5,134 20,981 837 76,000 62,523 49,854 48,78 2.301 1,906 100,370 822 3.218 5,815 67.7 24.8 46.2 26.3 115.9 65.6 14.6 15.6 2.8	Daily 0.3 0.2 0.3 0.0 0.1 0.4 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	-0.3 0.1 0.5 0.4 0.5 0.2 0.3 0.3 1.9 0.0 0.0 0.0 0.0 0.0 0.0 0.1 1.4 0.1 0.3 0.8 0.8 2.3 1.3 2.1 3.7 2.0 3.9 4.3 4.3 4.3 4.3 4.3 3.9	-1 1 0 -2 -3 -4 -4 -2 -2 -1 1 8 0 -1 1 1 2 0 0 2 3 1 1 2 2 2 3 1 1 1 9 1 10 7 7 5 6 6 3 5 7 7 4 12	6 7 2 2 4 11 7 5 7 2 7 4 2 7 3 15 -16 3 2 18 2 0 10 10 10 10 10 10 10 10 10 10 10 10 1
RISS 256,7 05,5 47,	14, in June 20, 20, 20, 20, 20, 20, 20, 20, 20, 20,	Level Leve	Daily 0.3 0.2 0.3 0.0 0.1 0.1 0.1 0.3 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	-0.3 0.1 -0.5 0.4 0.5 0.2 0.3 0.3 0.3 0.3 1.9 1.7 0.9 0.6 0.0 0.9 0.1 1.4 -0.1 0.3 0.8 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3	-1 1 0 -2 -3 -4 -4 -2 -2 -2 1 8 0 0 -1 1 2 0 0 2 3 1 1 2 2 2 2 2 Morathy 8 11 1 9 10 7 7 5 6 6 3 5 5 7 4 1 12 5 5 12	6 7 2 2 4 111 7 5 7 2 7 4 2 7 3 3 15 -16 3 2 10 9 YTD 8 6 6 7 7 10 10 10 10 10 10 10 10 10 10 10 10 10
Day	SEASON DOW JONES SEASON DOW JONES SEASON SEA	Level Leve	Daily 0.3 0.2 0.2 0.1 0.1 0.3 0.5 0.5 0.6 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.4 0.4 0.5 0.6 0.4 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	-0.3 0.1 0.5 0.4 0.5 0.2 0.3 0.3 0.3 1.9 1.7 0.9 0.6 0.0 0.9 0.1 1.4 0.3 0.3 2.3 2.3 2.1 3.7 2.0 4.3 3.7 2.0 4.3 3.9 2.3 4.3 4.0 3.9 3.9 4.0 3.9 3.9 4.0 3.9 3.9 4.0 3.9 3.9 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0	-1	6 7 2 2 4 111 7 5 7 7 27 7 4 2 2 7 3 15 -16 32 18 8 10 YTD 8 8 6 7 10 4 19 9 2 12 12 12 12 12 12 12 12 12 12 12 12 1
Larges Spenish banks	SEASON SE	level 2.417 7 7339 3.458 8 76.000 12.267 7.7339 3.458 8 76.000 12.267 7.6000 12.267 7.6000 12.267 7.6000 12.267 12.48 8 76.228 3.218 124.9 93.5 125.7 95.6 16.6 16.6 16.6 16.6 16.6 16.6 16.6 1	Daily 0.3 0.2 0.2 0.3 0.0 0.1 1 0.5 0.5 0.7 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.4 0.4 0.5 0.6 0.5 0.6 0.5 0.6 0.5 0.6 0.5 0.6 0.5 0.6 0.5 0.6 0.5 0.6 0.5 0.6 0.5 0.6 0.5 0.6 0.5 0.6 0.5 0.6 0.5 0.6 0.5 0.6 0.5 0.6 0.5 0.5 0.6 0.5 0.5 0.6 0.5 0.5 0.6 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	-0.3 0.1 -0.5 0.2 0.3 0.3 0.3 0.3 1.9 1.7 0.9 0.6 0.0 0.0 0.9 0.1 1.4 -0.1 1.4 -0.1 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.7 2.0 4.3 4.3 4.3 4.3 4.2 2.4 2.4 4.7	-1	6 7 2 2 4 111 7 5 7 7 27 4 2 2 7 -3 3 15 6 32 18 2 10 9 10 4 8 8 6 6 7 10 10 10 10 10 10 10 10 10 10 10 10 10
BBVA	15, 15, 15, 15, 15, 15, 15, 15, 15, 15,	Level 2,417 27,136 3,456 3,4	Daily 0.3 0.2 0.2 0.3 0.0 0.1 0.4 0.5 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.4 0.4 0.5 0.6 0.6 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 0.1 -0.5 0.2 0.3 0.3 0.3 0.3 1.9 1.7 0.9 0.6 0.0 0.0 0.0 0.1 1.4 -0.1 0.0 0.8 0.3 0.3 1.3 1.3 1.3 2.1 2.3 2.1 3.7 2.1 3.7 2.0 4.3 3.9 4.0 3.9 4.0 4.0 3.9 4.0 4.0 3.9 4.0 4.0 3.9 4.0 4.0 3.9 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0	-1 1 0 -2 -3 -3 -4 -4 -2 -2 -2 1 1 8 0 -1 1 2 0 2 3 1 1 2 2 2 2 Moorbby 8 8 11 9 10 7 7 5 6 6 3 5 5 7 7 4 12 5 5 12 1 7 7 1 0 0 -5	6 7 2 2 2 4 111 7 5 7 7 27 4 4 2 2 7 3 15 -16 32 18 2 10 VTD 4 8 8 10 9 4 19 12 12 3 24 2 9 9 10 -12 3
Caleabarie 4.3 1.6 2.1 3 3 3 3 3 3 3 5 5 5	Internal micros SSESDO Dow Jones Nikled FTSE 100 GENERAL SERVICE GENERAL SERVI	Level 2.417 2.1.866 1.2.99 1.2.99 1.2.99 1.2.97 1.2.967 1.	Daily 0.3 0.2 0.2 0.1 0.1 0.5 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.1 0.1 0.1 0.5 0.2 0.0 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	-0.3 -0.5 -0.5 -0.2 -0.3 -0.3 -0.3 -0.3 -0.3 -0.9 -0.6 -0.1 -0.1 -0.1 -0.1 -0.1 -0.3 -0.3 -0.3 -0.3 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9	-1 1 0 -2 -3 4 4 -2 2 2 1 1 8 0 -1 1 1 2 2 3 1 1 2 2 2 2 2 2 2 2 2 2 2 2	6 7 2 2 4 111 7 5 7 7 4 2 7 3 3 15 16 3 2 18 8 6 7 7 10 4 8 6 6 7 7 10 10 10 10 10 10 10 10 10 10 10 10 10
Sabadel 1.8 0.4 3.5 4.9 4.34 Benetierr	SESSENDO DOW Jones SESSENDO DOW Jones SESSENDO DOW Jones SESSENDO	Level 2.417 2.417 2.418 2.417 2.418 2.417 2.418 2.41	Daily 0.3 0.2 0.3 0.0 0.1 0.1 0.3 0.5 0.7 0.9 0.1 0.3 0.2 0.9 0.1 0.3 0.2 0.9 0.1 0.1 0.3 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	-0.3 0.1 -0.5 0.1 -0.5 0.2 0.3 0.3 1.9 1.7 0.9 0.6 0.0 0.0 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-1 1 0 -2 -3 4 4 -2 2 2 1 1 8 0 -4 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	6 7 2 2 4 4 111 7 5 5 7 7 4 2 7 7 4 2 7 7 3 3 15 6 3 2 10 4 8 8 6 9 10 10 10 10 10 10 10 10 10 10 10 10 10
December Part December De	SEASON DOW JONES SEASON DOW JONES SEASON DOW JONES SEASON SEASON SEASON SEASON SEASON SEASON SEASON MISS MISS MISS MISS MISS MISS MISS MIS	12-11 19929 7.339 9.458 110.460 10.27	Daily 0.3 0.2 0.2 0.3 0.4 0.4 0.1 0.5 0.7 0.9 0.3 0.2 0.2 0.2 0.2 0.2 0.2 0.4 0.1 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	-0.3 0.1 -0.5 0.5 0.2 0.3 0.9 0.3 1.9 0.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-1 1 0 -2 -3 -4 -2 -2 1 8 0 -1 1 1 2 0 0 2 3 1 1 2 2 2 1 1 1 1 2 0 0 1 1 1 1 1 1 1 1	6 7 2 2 2 4 111 7 7 5 5 7 7 27 4 2 2 7 7 3 15 5 156 32 18 8 6 6 7 7 100 4 4 19 2 12 12 12 12 12 15 15 15 15 15 13 30 30
Development New Development New Development New	Internal micro SSESDO Dow Jones Notes FTSE 100 GENERAL MICRO GENERAL MICRO GENERAL MICRO M	Levil 21,196 4,000 10,1	Daily 0.3 0.2 0.2 0.2 0.3 0.0 0.0 0.1 0.1 0.2 0.0 0.0 0.1 0.1 0.1 0.2 0.0 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	-0.3 0.1 -0.5 0.1 -0.5 0.2 0.3 0.3 1.9 1.7 0.9 0.0 0.0 0.0 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.9 0.9 0.1 1.7 0.9 0.9 0.9 0.9 0.1 1.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-1 1 0 -2 -3 4 -2 2 2 1 1 8 8 9 1 1 1 9 1 1 1 2 2 9 1 1 1 1 1 1 2 2 1 1 1 1	6 7 7 2 2 4 4 111 7 7 5 7 7 2 7 4 2 2 7 3 15 5 10 0 4 9 10 0 4 1 9 10 0 12 12 3 3 15 5 15 15 15 13 3 3 0 3 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
EURUSP	SESSED O DOWN JONES ON THE SESSED	12.417 2.1366 10.460 10.460 10.460 10.460 10.460 10.470 10	Daily 0.3 0.2 0.2 0.2 0.3 0.0 0.0 0.1 0.1 0.2 0.0 0.0 0.1 0.1 0.2 0.0 0.0 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	-0.3 0.1 -0.5 0.1 -0.5 0.2 0.3 0.3 1.9 1.7 0.9 0.0 0.0 0.0 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.9 0.1 1.7 0.9 0.9 0.9 0.1 1.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-1 1 0 -2 -3 -4 -2 -2 1 8 0 -1 1 1 2 0 0 2 3 1 1 2 2 2 1 1 1 1 0 0 5 6 3 5 7 7 4 1 2 5 5 1 2 1 1 7 7 1 1 0 0 -5 2 2 3 3 4 4 0 0	6 7 7 2 2 2 4 4 111 7 7 5 7 7 27 7 4 2 2 7 7 -3 3 15 6 32 2 18 8 2 10 9 10 4 8 8 6 6 7 10 9 2 12 12 3 2 4 2 2 9 10 15 15 15 15 15 15 15 15 15 15 15 15 15
ISSINPY	SEASON DOW JONES SEASON MASC ARMS MASC A	12.417 21.366 2.417 21.366 2.417 21.366 2.333 2.468 20.981 20.981 20.981 20.981 20.981 20.981 20.981 20.981 20.981 20.981 20.981 20.982	Daily 0.3 0.2 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-0.3 0.1 -0.5 0.5 0.2 0.3 0.3 1.9 0.7 0.0 0.9 0.9 0.9 0.9 0.9 0.1 1.4 0.1 0.1 0.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1	-1 1 0 -2 -3 -4 -2 -2 -1 1 8 0 -1 -1 1 2 0 0 -2 -3 1 1 2 2 3 1 1 2 2 0 0 1 1 1 2 2 3 1 1 2 2 0 0 1 1 1 2 2 3 1 1 2 2 0 0 1 1 1 1 0 0 0 0 0 0 0 0 0 0	6 7 7 2 2 4 4 11 7 7 5 7 7 7 4 2 7 7 3 15 1-16 6 3 2 8 8 6 6 7 7 10 10 8 8 6 6 7 7 10 12 3 3 2 4 2 9 9 10 0 12 3 15 15 15 15 15 15 15 15 15 15 15 15 15
Emergina New Dec	SASSED OF THE SA	Level 2, 2417 (21,366 c) 2, 2417 (21,366 c) 2, 331 (21,367 c) 2, 3	Daily 0.3 0.2 0.3 0.0 0.1 0.1 0.1 0.3 0.5 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-0.3 -0.1 -0.5 -0.1 -0.5 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3	-1 1 0 -2 -3 -4 -2 -2 -2 1 8 0 -1 1 2 2 0 2 2 2 1 1 8 0 1 1 1 2 2 0 0 2 2 3 3 1 1 1 2 2 5 5 7 4 1 2 5 5 7 4 1 2 5 5 6 6 8 1 1 1 0 0 -5 5 2 3 3 3 4 4 0 0 6 6 Monthly 1.1	6 7 7 2 2 4 4 111 7 7 5 7 7 4 2 2 7 7 3 15 -16 32 18 8 2 10 8 6 6 7 7 10 4 4 8 8 6 6 7 7 10 4 19 2 12 12 12 12 13 30 30 30 30 30 30 30 30 30 30 30 30 30
USDAMS Knymerkow 16.99	Telephone Telep	Land 19, 24, 24, 24, 24, 24, 24, 24, 24, 24, 24	Daily 0.3 0.3 0.2 0.3 0.2 0.3 0.5 0.6 0.7 0.7 0.7 0.9 0.1 0.3 0.2 0.2 0.3 0.2 0.3 0.5 0.7 0.7 0.7 0.8 0.8 0.8 0.9	-0.3 -0.1 -0.5 -0.4 -0.5 -0.2 -0.3 -0.3 -0.9 -0.6 -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 -0.3	-1 1 0 2 -2 -3 4 -4 -2 2 2 1 1 8 0 0 -1 1 2 0 0 2 3 1 1 2 2 2 Moorthly 8 11 9 0 1 0 7 7 7 4 12 5 7 4 12 5 7 4 12 5 6 6 6 Moorthly 1 0 0 6 6 9 0 6 Moorthly 1 1 0 0 6 6 9 0 6 Moorthly 1 1 0 0 6 6 7 0 7 0 7 0 7 0 7 0 7 0 7 0 7 0	6 7 7 2 2 2 4 4 111 7 7 5 7 7 4 2 2 7 7 -3 15 -16 32 18 8 2 10 0 8 6 6 -7 10 4 4 8 8 6 6 7 10 4 19 2 12 12 12 12 12 12 12 12 15 15 15 15 15 15 15 15 15 15 15 15 15
ISSCIDE (Cabe)	SEASON DOW JONES SEASON DOW JONES SEASON SEA	Land: 1, 1, 2, 1, 2, 1, 2, 1, 2, 1, 2, 1, 2, 1, 2, 1, 2, 1, 2, 1, 2, 1, 2, 1, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2,	Daily 0.3 0.3 0.2 0.3 0.2 0.3 0.5 0.6 0.7 0.7 0.9 0.1 0.3 0.2 0.2 0.2 0.3 0.5 0.7 0.7 0.9 0.1 0.5 0.7 0.7 0.8 0.8 0.8 0.8 0.8 0.9	-0.3 -0.1 -0.5 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7	-1	6 7 7 2 2 4 111 7 5 5 7 7 2 7 4 2 7 7 3 15 15 16 6 7 7 110 10 12 12 12 2 3 3 15 15 15 15 15 15 15 15 15 15 15 15 15
USDAMY Melskop 18.16 0.5 0.2 0.3 15 18.00FR (Perm) 2.2 0.1 0.6 4.1 0.6 18.00FR (Perm) 2.2 0.1 0.6 4.1 1.4 18.00FR (Perm) 0.4 0.3 0.4 1.1 1.4 18.00FR (Perm) 0.5 0.3 0.4 1.1 1.4 18.00FR (Perm) 0.5 0.3 0.4 1.2 1.2 18.00FR (Perm) 0.5 0.3 0.3 0.1 0.2 18.00FR (Perm) 0.5 0.3 0.3 0.3 0.1 18.00FR (Perm) 0.5 0.3 0.3 0.3 0.3 18.00FR (Perm) 0.5 0.3 0.3 0.3 0.3 18.00FR (Perm) 0.5 0.3 0.3 0.3 18.00FR (Perm) 0.5 0.3 0.3 0.3 18.00FR (Perm) 0.3	SASSEDIO DOV JOINE SASSEDIO DOV JOINE SASSEDIO DOV JOINE SASSEDIO	Land: 1,19,000 12,19,000 1	0.5 lby 0.3 cc 0.2 cc 0	-0.3 -0.1 -0.5 -0.6 -0.7 -0.6 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7	-1 1 0 2 3 4 4 2 2 1 1 8 8 0 1 1 2 2 0 1 1 1 2 0 0 2 3 1 1 1 2 2 0 1 1 1 1 2 0 1 2 1 1 1 1 1 1	6 7 7 2 2 4 111 7 7 5 7 7 4 2 7 7 4 2 7 7 3 15 5 16 6 32 8 8 2 10 9 10 4 8 6 6 7 7 10 12 12 12 12 12 12 12 12 13 30 15 15 15 15 15 15 15 15 15 15 15 15 15
ISOPREYMEND 3.75 0.1 0.1 0.6 4	SEASON Down Jones Misses FTSE 100 BEX MISSES MIS	Land: 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	Daily 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	0.3 0.3 0.3 1.9 1.7 0.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-1	6 7 7 2 2 4 111 7 7 5 7 7 4 2 7 7 4 2 7 7 3 15 5 16 6 32 18 8 2 10 9 10 4 8 6 6 7 7 10 12 12 12 12 12 12 12 12 13 30 15 15 15 15 15 15 15 15 15 15 15 15 15
ISOPAN (Perkend) 3.72 0.3 0.5 0.4 11 ISOPAN (Perkend) 6.05 0.7 2.9 6.1 0.1 ISOPAN (Perkend) 6.05 0.7 2.9 6.1 0.1 ISOPAN (Perkend) 6.05 0.0 0.3 0.1 2.9 ISOPAN (Perkend) 6.05 0.0 0.3 0.1 2.9 ISOPAN (Perkend) 13,399 0.1 0.4 0.7 0.1 ISOPAN (Perkend) 13,399 0.1 0.4 0.5 0.5 ISOPAN (Perkend) 13,399 0.1 0.4 0.5 ISOPAN (Perkend) 13,399 0.1 0.4 0.5 ISOPAN (Perkend) 13,399 0.1 0.4 0.5 ISOPAN (Perkend) 13,399 0.1	SEASON Down Jones Mister FTSE 100 BEX MIST ACTION BEX ACAC MIST ACTION MIS	Land 19, 24, 24, 24, 24, 24, 24, 24, 24, 24, 24	Daily 0.2 0.3 0.3 0.3 0.3 0.5 0.6 0.7 0.7 0.8 0.8 0.9	0.3 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	-1	6 7 2 2 4 111 7 5 7 7 2 2 7 3 3 15 6 32 2 10 9 10 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
ISONUR formass 60.56 0.7 2.9 6.1 0	SASSEDIO DOV JOINE SASSEDIO DOV JOINE SASSEDIO DOV JOINE SASSEDIO	Land: 1,19,029 2,248 4,276 4,2	0.81 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.3 0.3 0.3 1.9 1.7 0.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-1	6 7 7 2 2 4 111 7 7 5 7 7 4 2 7 7 3 15 5 15 13 30 0 34 4 9 112 Years 15 15 15 13 30 0 34 4 9 112 Years 15 15 15 15 15 15 15 15 15 15 15 15 15
ISSOCHY (China) 6.60 0.0 0.3 0.1 2	SASSESSO Dove Jones ANA Market FT SE 100 BUX ANA MARKET SE 100 BUX CACAC MIE MASC Alemen MASC Laborate MASC Question MASC QUEstio	Land: 1, 19, 20, 21, 21, 21, 21, 21, 21, 21, 21, 21, 21	Daily Dail	0.3 0.3 0.3 1.9 1.17 0.0 0.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-1	6 7 2 2 4 111 7 5 5 7 7 7 5 15 15 15 15 15 15 15 15 15 15 15 15 1
ISODIOR fondensible 13,399 0.1 0.4 0.7 0.8	SESSEDO Dow Jones Motes FTSE 100 Exercisions 50 BDX AND	12.417 21.366 10.467 17.339 10.467 17.339 10.467 17.409 18.37 17.6000 18.37 18.37 18.309 18.319 18.3	0.10 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	-0.3 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.6 -0.6 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7	-1	6 7 7 2 2 4 111 7 7 7 7 7 7 3 3 15 1-16 8 2 10 10 14 8 8 6 6 7 7 10 14 8 8 6 6 7 7 10 14 15 15 15 15 15 15 15 15 15 15 15 15 15
NDXY	SASSEDIO DOW JORNE SASSEDIO DOW JORNE SASSEDIO DOW JORNE SASSEDIO	Land: 1,900 April	Daily Oct Oc	0-3 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	-1	6 7 7 2 2 4 111 7 7 7 7 7 3 3 15 -16 6 8 2 10 10 10 10 10 10 10 10 10 10 10 10 10
Breek Breek Breek West Mearly Year Breek 467 330 24.1 33 17. W1x 44 330 4.1 3 17. Copper 264 4,0 2.2 4 4 Gold 1214 90 2.2 6 4 SSF Post commodity* 371 0.4 3 1 6 SSF Post commodity* 409 0.7 1,4 0 15 SSF Post commodity* 30 3 6 3 0 4 0 15	Tablish inches SES-SE900 Down Jonnis Wated TTSE TOD Water STSE TOD	Land: 1,19,209 1,200 1,2	Daily Color Daily Dail	0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	-1	6 7 2 2 4 11 7 7 2 7 4 2 7 7 3 15 6 3 2 8 8 6 7 7 10 8 8 6 7 7 10 9 10 9 10 9 10 9 10 9 10 9 10 9
Wix 44 3.0 4.1 3 1.72 (Copper 6.24 0.4 2.2 4 4 6.25 (See Feet 1.24 0.9 2.2 5 4 6.25 (See Feet 1.24 0.9 2.2 5 6 4 6.25 (See Feet 1.24 0.9 1.2 6 6.25 (See Feet 1.24 0.9 1.2 6 6	SEASON Down Jones White FTSE 100 BEX FTSE 100 BEX CAC AMB SAS Amens MISC LAM MISC MARCH MI	Lamin 19,000 10,	Daily O.5 O.	0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	-1	6 7 2 2 4 11 7 7 2 7 4 2 7 7 3 15 6 3 2 8 8 6 7 7 10 8 8 6 7 7 10 9 10 9 10 9 10 9 10 9 10 9 10 9
Copper 264 0.4 -2.2 4 4 Gold 1214 -0.9 -2.2 -6 4 S&P Spot commodity 371 0.4 -0.3 1 -6 S&P Event Spot * 409 0.7 -1.4 0 -15 S&P Wetals Spot * 326 0.3 -0.4 5 7	SESSEDO Dow Jones White FTSE 100 D Exceptions 50 BDX AND SESSEDO BDX BDX BDX BDX BDX BDX BDX B	Land 19, 24, 24, 24, 24, 24, 24, 24, 24, 24, 24	Daily Dail	-0.3 -0.5 -0.5 -0.5 -0.5 -0.6 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7	-1	6 7 2 2 4 11 7 7 7 2 7 1 5 5 7 2 7 7 4 2 7 7 2 7 7 1 5 5 7 1 5 6 7 1 1 5 6 7 1 1 5 6 7 1 1 5 6 7 1 1 5 6 7 1 1 5 6 7 1 1 5 6 7 1 1 5 6 7 1 1 5 6 7 1 1 5 6 7 1 1 5 6 7 1 1 5 6 7 1 1 5 6 7 1 1 5 6 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
S&P Spot commodity * 371 0.4 -0.3 1 -6 S&P Brent Spot * 409 0.7 -1.4 0 -15 S&P Metals Spot * 326 0.3 -0.4 5 7	SASSEDIO DOV JOINE SASSEDIO DOV JOINE SASSEDIO DOV JOINE SASSEDIO	Land: 1,196.20 1,196	Daily Control Daily Da	0-3 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	-1 1 0 2 3 3 4 4 2 2 2 1 8 8 8 9 1 1 1 2 2 2 3 3 3 3 3 3 3	6 7 2 2 4 4 1 1 7 7 5 7 7 2 7 7 4 2 7 7 2 7 7 4 2 7 7 1 8 8 6 6 7 1 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9
S&P Metals Spot * 326 0.3 -0.4 5 7	SEASON SE	Land: Land: 2,1417 2,1,366 11,9029 7,339 11,903 11,906 12,37 6,903 13,318 13,37 6,903 14,82 14,82 18,32 18,32 18,32 18,33 18,3	Daily Oct Oc	0-3 1 0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1 0	-1 1 0 2 3 4 -2 2 3 4 -2 2 1 1 1 1 1 1 1 1	6 7 2 2 4 4 11 17 5 7 7 7 18 18 2 7 10 10 11 12 12 12 12 12 12 12 12 12 12 12 12
Ser Agricultural* 305 -0.9 2.5 6 2	Temperature Temp	Land 19, 20, 20, 21, 21, 22, 21, 21, 22, 21, 21, 21, 21	Daily Oct Oc	0-3 1 0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1 0	-1 1 0 2 3 4 -2 2 2 1 1 1 2 2 2 3 3 1 1 2 2 2 Moorthly 8 1 1 0 7 7 5 6 6 3 3 5 7 7 4 1 2 2 1 1 7 1 1 0 6 5 2 3 3 3 4 4 6 6 1 1 2 1 1 0 6 6 1 1 0 1 0 0 6 6 1 1 0 1 0 1 0	6 7 2 2 4 4 11 11 7 7 5 7 7 7 5 7 7 27 7 4 2 7 7 5 15 5 7 7 7 10 8 6 7 7 7 10 8 8 6 7 7 7 10 10 8 8 6 7 7 10 10 8 8 6 7 7 10 10 8 8 6 7 7 10 10 8 8 6 7 7 10 10 8 8 6 7 7 10 10 8 8 6 7 7 10 10 8 8 6 7 7 10 10 10 10 10 10 10 10 10 10 10 10 10
	Testing in Control Testi	Land: 1,196.20 2,117 21,366 11,9629 12,367 12,3	Daily Control Daily Da	0-31 0-55 0-30 0-30 0-30 0-30 0-30 0-30 0-30	-1 1 0 2 3 3 4 4 2 2 2 1 1 1 1 1 1 2 2	6 7 2 2 4 4 11 17 7 5 7 7 7 3 15 6 7 7 10 4 8 8 6 7 7 10 4 8 8 8 6 7 7 10 4 8 8 8 6 7 7 10 4 8 8 6 7 7 10 4 8 8 6 7 7 10 4 12 3 3 24 2 2 2 9 9 10 10 10 10 10 10 10 10 10 10 10 10 10





US (2-yr) US GER (2-yr)	1.40	anges in I Daily 0.1	week	Month 9	YTD 18
OLN (Z'YI)	2.38 -0.61	0.1 1.1 -2.9	1.3 7.3 -3.3	20	-6 17
Germany	0.56	-0.6	9.0	29	28
France Spain	0.93 1.70	0.8 2.6	11.1 16.5	23 14	12
Italy Portugal	2.32 3.12	4.7 6.1	15.7 9.5	2	-105 -148
Greece Japan (2-vr)	5.40 -0.10	3.3	-2.0	-64 1	-148 9
Japan Emercing Markets	-0.10 0.09	-0.8 0.1 Daily	1.7 4.0 Weekly	2 Monthly	2 YTD
Brazil	10.50	-2.6	-3.4	-33	-91
Chile Colombia	4.22 6.78	0.0 -2.5	5.6 35.5	18 64	-11 -32
Mexico Peru	6.84 5.56	-1.5 -2.3	5.7 19.9	-28 13	-80 -91
Poland Russia	3.38 8.01	-3.6 6.0	5.5 10.7	18 24	-34 -44
Turkey	10.63	9.0	36.0	40	-37
India Indonesia	6.53 7.17	-0.6 23.9	2.1 33.9	-4 22	15 -67
Country Developed Markets	risk (bp, chang	es in bp) Daily	Mankhr	Monthly	YTD
10-yr so vereign spread vs Germany	level		weekiy		
France Italy	37 176	1.4 5.3	2.1 6.7	-5 -27	-16 17
Portugal	257 115	6.7 3.2	0.5 7.5	-26 -15	-105 -1
Spain 2-yr sovereign spread vs Germany					
France Italy	24 49	-2.4 2.4	3.9 2.4	2 -1	-13 -12
Portugal Spain	72 42	2.6 -1.7	0.4 10.5	-23 -4	-75 -6
Emerging Markets	level	Daily	Weekly	Monthly	YTD
5-yr sovereign CDS * Brazil	241	2.7	1	8	-30
Chile	68	1.6	2	-4	-14
Colombia Mexico	143 116	2.2 0.4	6	18 5	-21 -41
Peru Venezuela	88 4.296	1.3 72.3	1 93	-3 470	-20 390
Poland	61	0.0	0	-4	-14
Russia Turkey	177 204	2.8	8 12	25 12	-69
China India	72 90	0.1 -0.3	1 2	-3 -3	-45 -37
Indonesia	121	1.4	4	0	-35
Volatilty indicators (%)	Risk indicators level	Daily	Weekly	Monthly	YTD
VIX	12	-5.0	7	15	0
VSTOXX EM EFT volatility Index	15 18	-1.7 -0.7	-12 12	4 11	-1 -12
Dollar/euro volatility EM FX volatility index	7 8	2.4 0.9	1 2	-4 -2	-34 -28
Credit spread (BAA) (bps)	203	4.1	-2	-19	-24
US bonds volatility index Banking 5y CDS (bps) *	57 level	0.9 Daily	3 Weekly	4 Monthly	-25 YTD
US FZ	53 57	0.3 1.2	0	-8 -25	-19 -50
UK	49	2.1	9	-19	-41
Large Spanish Medium Spanish	59 98	1.1 -0.5	-2	-31 -100	-58 -53
	level	Daily	Weekly	Monthly	YTD
US Non-financial EZ Non-financial	143 81	0.3 1.2	0	-8 -25	-19 -50
UK Non-financial Interbank r	114 narkets (% che	0.4 inges in b	0	-4	-11
	level	Daily	Weekly	Monthly	YTD
EONIA Index Euribor 3 m	-0.36 -0.33	0.00	0.0	0.0	0.0
Euribor 12m Libor 3m	-0.16 1.30	0.00	0.0	0.0	-0.1
Libor 12m	1.75	0.00	0.0	0.0	0.1
EZ TED spread 3m	0.0 ock markets (-46.70	-48.9	-51.7	-66.4
Main indices	ock markets (Daily	Weekly	Monthly	YTD
S&P500	2,417	0.3	-0.3	-4	6
Dow Jones Nikkei	21,366 19,929	0.2 -0.3	0.1 -0.5	0	7 2
FTSE 100 EuroStoxx 50	7,339 3,458	0.0	0.4	-2 -3	2
IBEX	10,460	-0.4	0.2	-4	11
DAX CAC	12,367 5,134	-0.1 -0.3	0.3	-2 -2	7 5
MIB ASE Athens	20,981 837	-0.5 -0.7	1.9 1.7	1 8	7 27
MSCI Latam *		-0.7	1.7	ő	21
	76,000	-0.9	0.9		4
lbovespa (Brazil)	62.523	0.1	0.9 -0.6	-1	2
lbovespa (Brazil) Mexbol MSCI EM Europe *	62,523 49,854 4,878	0.1 -0.3 -0.2	0.9 -0.6 0.0 0.9	-1 1 2	2 7 -3
lbovespa (Brazili) Mexbol MSCI EM Europe * Poland Microx (Russia)	62,523 49,854 4,878 2,301 1,906	0.1 -0.3 -0.2 0.0 -0.9	0.9 -0.6 0.0 0.9 0.1 1.4	-1 1 2 0 2	2 7 -3 15 -16
lbovespa (Brazili) Mexbol MSCI EM Europe * Poland Microx (Russia)	62.523 49,854 4,878 2,301 1,906 100,370	0.1 -0.3 -0.2 0.0 -0.9 -0.3	0.9 -0.6 0.0 0.9 0.1 1.4 -0.1	-1 1 2 0 2 3	2 7 -3 15 -16 32
libovespa (Brazil) Mecholi MSCI EM Europe * Poland Micos (Russia) Iss 100 (Turkey) MSCI M Asia * Shanghai Com (China)	62,523 49,854 4,878 2,301 1,906 100,370 822 3,218	0.1 -0.3 -0.2 0.0 -0.9 -0.3 -0.2 0.2	0.9 -0.6 0.0 0.9 0.1 1.4 -0.1 -0.3 0.8	-1 1 2 0 2 3 1	2 7 -3 15 -16 32 18 2
lbovespa (Brazil) Meobol Meotol MSCI EM Europe * Poland Micce (Russia) Isse 100 (Turkey) MSCI EM Asia * Shanghal Com (China) Jakarta (Indonesia)	62,523 49,854 4,878 2,301 1,906 100,370 822 3,218 5,815	0.1 -0.3 -0.2 0.0 -0.9 -0.3 -0.2 0.2	0.9 -0.6 0.0 0.9 0.1 1.4 -0.1 -0.3	-1 1 2 0 2 3 1 2 2	2 7 -3 15 -16 32 18 2 10
Ibovespa (Brazil) Mechol MSG EM Europe * Poland Mices (Russia) See 100 (Turkey) MSG EM Aala * Shanghal Com (China) Jakaria (Indonesia) Banking sector. US banks	62.523 49,854 4,878 2,301 1,906 100,370 822 3,218 5,815 level 124,9	0.1 -0.3 -0.2 -0.0 -0.9 -0.3 -0.2 -0.2 -0.2 Daily 0.1	0.9 -0.6 0.0 0.9 0.1 1.4 -0.1 -0.3 0.8 -0.3 Weekly 2.3	-1 1 2 0 2 3 1 2 2 Monthly 8	2 7 -3 15 -16 32 18 2 10 YTD
libovensa (Brazil) Medical Medical Medical Medical Misce (Ricitata) to to 100 "(Turkey) Medical EM Asia" Sharejian Com (China) disaking sector US banks JPM US banks	62.523 49,854 4,878 2,301 1,906 100,370 822 3,218 5,815 level 124,9 93.5 67.7	0.1 -0.3 -0.2 -0.0 -0.9 -0.3 -0.2 -0.2 -0.2 -0.2 -0.1 -0.1	0.9 -0.6 0.0 0.9 0.1 1.4 -0.1 -0.3 0.8 -0.3 Weekly 2.3 2.3 1.3	-1 1 2 0 2 3 1 2 2 Monthly 8 11 9	2 7 -3 15 -16 32 18 2 10 YTD 4 8 10
libovensa Brazili Mestod MSCI EM Europe * Peland Misce (Ricusta) See 100 (Tutkey) MSCI EM Asla * Sharplat Corn (China) Jakerta (Indonesia) Brasiling sector US banks	62.523 49,854 4,878 2,301 1,906 100,370 822 3,218 5,815 level 124.9 93.5 67.7 24.8	0.1 -0.3 -0.2 -0.0 -0.9 -0.3 -0.2 -0.2 -0.2 -0.2 -0.1 -0.1 -0.2 -0.2	0.9 •0.6 0.0 0.9 0.1 1.4 •0.1 •0.3 0.8 •0.3 Weekly 2.3 2.3 2.1	-1 1 2 0 2 3 1 2 2 Monthly 8 11 9	2 7 -3 15 -16 32 18 2 10 YTD 4 8 10 8
Iboverga Birazili Medodi MSCI DM Larape * Pelard Micro (Rurape) Micro (Rurape) MSCI DM Larape MSCI DM Larape Sharapha (Com (China) Jalabarta (Indionasia) Benating pactore US banaka UPM US banaka	62.523 49.854 4.878 2.301 1.906 100.370 822 3.218 5.815 level 124.9 93.5 67.7 24.8 46.2 226.3	0.1 -0.3 -0.2 -0.0 -0.9 -0.3 -0.2 -0.2 -0.2 Daily 0.1 -0.1 -0.2 -0.2 -0.2	0.9 -0.6 0.0 0.9 0.1 1.4 -0.1 -0.3 0.8 -0.3 Weekly 2.3 2.3 1.3 2.1 3.7 2.0	-1 1 2 0 2 3 1 2 2 2 Monthly 8 11 9 10 7	2 7 -3 15 -16 32 18 2 10 YTD 4 8 10 8 6
Ibovensa Birazili Metabid Meta	62.523 49,854 4,878 2,301 1,906 100,370 822 3,218 5,815 level 124.9 93.5 67.7 24.8 46.2 226.3 115.9 65.6	0.1 -0.3 -0.2 -0.9 -0.3 -0.2 -0.2 -0.2 -0.1 -0.1 -0.2 -0.2 -0.2 -0.2 -0.2 -0.3	0.9 -0.6 0.0 0.9 0.1 1.4 -0.3 0.8 -0.3 Weekly 2.3 2.3 1.3 2.1 3.7 2.0 4.3	-1 1 2 0 2 3 1 1 2 2 Monthly 8 11 9 10 7 5 6 3 3	2 7 -3 15 -16 32 18 2 10 YTD 4 8 10 8 6 -7 10 4
Iboverga Birazili Medical Kurope * Notal Ruspe *	62.523 49,854 4,878 2,301 1,906 100,370 822 3,218 5,815 level 124,9 93.5 67.7 24,8 46,2 226,3 115,9	0.1 -0.3 -0.2 -0.9 -0.3 -0.2 -0.2 -0.2 -0.2 -0.1 -0.1 -0.2 -0.2 -0.2 -0.2 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3	0.9 -0.6 0.0 0.9 0.1 1.4 -0.1 -0.3 0.8 -0.3 2.3 1.3 2.1 3.7 2.0 4.3 4.0 3.9	-1 1 2 0 2 3 1 1 2 2 2 Monthly 8 11 9 10 7	2 7 -3 15 -16 32 18 2 10 YTD 4 8 10 8 6 -7
Illowenga Birazili Medod Merope * Medod Kurope * Medod Medod Kurope * Medod	62,523 49,854 4,878 2,301 1,906 100,370 822 3,218 5,815 124,9 93,5 67,7 24,8 46,2 226,3 115,9 65,6 14,6 16,6	0.1 -0.3 -0.2 -0.0 -0.9 -0.3 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2	0.9 -0.6 -0.0 -0.9 -0.1 -1.4 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3	-1 1 2 0 2 3 1 2 2 Monthly 8 11 9 10 7 5 6 3 5 7 4	2 7 -3 15 -16 32 18 2 10 YTD 4 8 10 8 6 -7 10 4 10 8
Iboverga Birazili Metabol Metabol Metabol Metabol Metabol Misca Kilarapa * Pelendi Gustabol Miscas Kilarapa Metabol Miscas Kilarapa Metabol Me	62,523 49,854 4,878 2,301 1,906 100,370 822 3,218 5,815 level 124,9 93,5 67,7 24,8 46,2 226,3 115,9 65,6 14,6 15,6 2,8 49,6	0.1 -0.3 -0.2 -0.0 -0.9 -0.3 -0.2 -0.2 -0.2 -0.2 -0.1 -0.2 -0.2 -0.2 -0.4 -0.3 -0.2 -0.2 -0.2 -0.2 -0.2 -0.3 -0.2 -0.3 -0.2 -0.3 -0.3 -0.2 -0.3 -0.2 -0.3 -0.3 -0.2 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3	0.9 -0.6 -0.0 -0.9 -0.1 -1.4 -0.1 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3	-1 1 2 0 2 3 1 1 2 2 2 Monthly 8 11 9 10 7 5 6 3 3 5 7 4 11 2 5	2 7 -3 15 -16 32 18 2 10 YTD 4 8 6 -7 10 4 19 2 12 2 3
blowens Birszli Method MSCIEM Europe* Peckind Micros Kircushi Micros Micro	62,523 49,854 4,878 2,301 1,906 100,370 822 3,218 5,815 1evel 124,9 93,5 67,7 24,8 46,2 226,3 115,9 65,6 14,6 16,6 15,6 2,8	0.1 -0.3 -0.2 -0.9 -0.3 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2	0.9 -0.6 -0.0 -0.9 -0.1 -1.4 -0.1 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3	-1 1 2 0 2 3 1 2 2 Monthly 8 11 9 10 7 5 6 3 5 7 4 12	2 7 -3 15 -16 32 18 2 10 YTD 4 8 10 8 6 -7 10 4 19 2 12 12
Iboverga Birazili Medicid Lucope * Medic	62,523 49,854 4,878 2,301 1,906 100,370 822 3,218 5,815 67,7 24,8 46,2 226,3 115,9 65,6 14,6 15,6 2,8 49,6 2,8 49,6 2,8 49,6 2,8 49,6 2,8 49,6 2,8 49,6 2,8 49,6 2,8 49,6 2,8 49,6 2,8 49,6 2,8 49,6 2,8 49,6 49,6 49,6 49,6 49,6 49,6 49,6 49,6	0.1 -0.3 -0.2 -0.0 -0.9 -0.3 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.4 -0.3 -0.4 -0.4 -0.5 -0.6 -0.5 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6	0.9 -0.6 -0.0 -0.9 -0.1 -1.4 -0.1 -0.3 -0.8 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3	-1 1 2 0 2 3 1 2 2 Monthly 8 11 9 10 7 5 6 3 5 7 4 12 5	2 7 3 15 -16 32 18 2 10 YTD 4 8 6 7 7 10 4 19 2 12 12 3 2 3 2 3 2 3 2 3 2 3 1 5 3 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2 3
Illowenga Birazili Medod Kurope * Medod Medod Kurope * Medod Medod Kurope * Medod Medod Kurope * Medod	62,523 48,854 4,878 2,301 1,906 100,370 822 3,218 5,815 level 124,9 93,5 67,7 24,8 46,2 226,3 115,9 65,6 14,6 15,6 15,6 17,4 89,5 777,3 258,7	0.1 -0.3 -0.2 -0.0 -0.9 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.4 -0.3 -0.6 -0.4 -0.5 -0.3 -0.1 -0.5 -0.3 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	0.9 0.6 0.0 0.9 0.1 1.4 0.1 1.	-1 1 2 0 0 2 3 1 1 2 2 2 Monthly 8 8 111 9 10 7 7 5 6 6 3 5 5 7 4 4 12 5 12 1 7 7 1 0 0	2 7 -3 15 -16 32 18 2 10 YTD 4 8 6 6 -7 10 4 19 2 2 2 2 2 9 10 10 10 10 10 10 10 10 10 10 10 10 10
Illowenga Birazili Medicidi Medicidi Medicidi MSCI EM Lurope * Neclari Michael Medicidi MSCI EM Asia Sharipata Com (China) Sharipat	62,523 48,854 4,878 2,301 1,906 100,370 822 3,218 5,815 Evel 124,9 93,5 67,7 24,8 46,2 226,3 115,9 65,6 14,6 2,8 49,6 7,7 24,8 24,8 24,8 24,8 24,8 24,8 24,8 24,8	0.1 -0.3 -0.2 -0.0 -0.9 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2	0.9 0.6 0.0 0.9 0.1 1.4 -0.1 1.4 -0.1 0.3 0.8 0.3 2.3 2.3 2.1 1.3 7.7 2.0 4.3 3.9 7.1 2.2 5.3 6.4 2.4 2.4 2.4 2.5 3.6 4.7 2.5 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7	.1 1 2 0 2 3 1 1 2 2 2 2 2 2 2 1 1 1 9 10 7 7 5 6 6 3 3 5 7 7 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 7 -3 15 -16 32 18 2 10 YTD 4 8 10 8 6 -7 10 4 19 2 12 13 2 4 19 19 19 19 19 19 19 19 19 19 19 19 19
Iboverga Birazili Medodi Marope * Medodi Murope * Medod	62,523 48,854 4,878 2,301 1,906 100,370 822 3,218 5,815 Evel 124,9 93,5 67,7 24,8 46,2 226,3 115,9 65,6 14,6 2,8 49,6 7,7 207,8 89,6 7,7 207,8 66,7 7,7 207,8 89,9 5,8	0.1 -0.3 -0.2 -0.0 -0.9 -0.3 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2	0.9 0.6 0.6 0.9 0.1 1.4 0.1 0.3 0.8 0.3 2.3 2.3 2.1 3.7 2.0 2.0 3.9 7.1 2.2 5.3 3.1 2.2 4.7 2.5 5.8 2.6 4.2 4.7 2.5 0.8 2.6 1.9	.1 1 2 0 2 3 3 1 2 2 2 2 Monthly 9 10 7 7 5 6 6 3 5 7 7 4 12 5 5 12 1 7 1 1 0 0 5 3 3	2 7 -3 -3 15 -16 32 10 0 YTD 4 8 6 -7 10 4 19 2 12 12 3 4 2 9 10 10 11 12 12 12 12 12 13 14 15 15 15 16 16 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18
Iboverga Birazili Medod Kurope * Medod Kurope	62,523 49,854 4,878 2,301 1,906 100,370 822 3,218 5,815 124,9 93,5 67,7 24,8 46,2 226,3 115,9 65,6 14,6 15,6 727,3 25,7 207,8 99,9 5,8 77,7 89,9 5,8 77,8 89,9 5,8 7,5 82,6	0.1 0.3 0.2 0.0 0.9 0.3 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	0.9 0.6 0.0 0.9 0.1 1.4 0.1 0.3 0.8 0.3 2.3 2.3 2.1 3.7 2.1 3.7 2.2 4.3 3.1 2.2 4.3 4.0 0.3 6.4 2.4 2.7 5.3 0.8 2.6 1.9 3.2	.1 1 2 0 2 2 3 1 1 2 2 2 2 11 9 10 7 7 5 6 6 3 3 5 7 4 4 12 5 5 7 1 1 0 9 - 5 1 2 2 3 3 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	2 7 3 15 15 15 15 15 15 13 13 15 15 15 15 15 15 15 15 15 15 15 15 15
Iboverga Birazili Metabol Meta	62,523 49,854 4,878 2,301 1,906 100,370 822 3,218 5,815 1evel 124,9 93,5 67,7 24,8 46,2 226,3 115,9 65,6 14,6 15,6 2,8 49,6 17,4 89,6 727,3 258,7 202,8 66,7 89,9 58,7 89,9 58,7 89,9 58,8	0.1 0.3 0.2 0.0 0.9 0.9 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	0.9 0.6 0.0 0.9 0.1 1.4 0.3 0.8 0.3 0.8 2.3 1.3 2.1 3.7 2.0 2.1 3.7 2.0 3.9 7.1 3.1 3.1 3.2 2.2 4.3 4.0 2.2 6.4 2.4 2.2 2.7 2.5 3.8 2.6 1.9 3.2	.1 1 2 0 2 3 1 1 2 2 2 8 111 9 100 7 7 5 6 6 3 5 5 7 7 4 12 5 5 1 10 0 5 5 7 7 4 1 10 5 7 7 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8	2 7 3 15 -16 32 2 18 2 2 10 0 8 8 6 7 10 4 19 2 12 12 3 2 2 4 2 9 10 0 -12 15 15 15 15 15
Iboverga Biraril Medodi Marope * Medodi	62,523 49,854 4,878 2,301 1,906 100,370 822 3,218 5,815 124,9 93,57 67,7 24,8 93,57 67,7 24,8 115,9 65,6 14,6 2,8 49,6 17,4 89,6 727,3 256,7 27,2 89,6 727,3 89,6 727,3 89,6 89,6 89,7 89,8 89,7 89,8 89,8 89,8 89,8 89,8	0.1 -0.3 -0.2 -0.0 -0.9 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2	0.9 0.6 0.0 0.9 0.1 1.4 1.0 0.3 0.8 0.3 2.3 2.1 3.7 2.0 4.3 3.7 2.0 4.3 3.9 3.7 2.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3	-1 1 2 0 2 3 1 1 2 2 2 2 Monthly 8 11 1 9 5 6 3 5 7 4 4 12 5 5 12 1 1 0 0 5 5 2 3 3 2 2 3 3 3 4 4 0 0	2 7 3 15 15 16 18 2 10 YTD 4 8 8 10 8 6 6 7 10 12 12 12 12 12 12 15 15 15 15 15 13 30 34 4 9
Iboverga Biraril Method MSCI DM Lurope * NSCI DM Lurope * NSCI DM Lurope * NSCI DM Lurope * NSCI DM Asia * Sharphat Com (China) Islanta Ghodonisa) Islanta Ghodonisa) Islanta Ghodonisa) Islanta Ghodonisa Islanta G	62,523 49,854 4,878 2,301 1,906 100,370 822 3,218 1243 1325 1243 1325 24,8 46,2 22,63 115,9 65,6 14,6 14,6 14,6 14,6 14,6 14,6 14,6 14	0.1 0.3 0.2 0.0 0.9 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	0.9 0.0 0.0 0.9 0.1 1.4 0.1 1.	-1 1 2 0 2 3 1 1 2 2 2 2 Morelly 8 8 111 9 10 7 5 6 3 3 5 7 4 12 5 12 1 7 7 1 0 5 5 2 3 3 3 3 4 0 6 6	2 7 3 15 15 13 30 34 4 8 30 34 4 8 30 34 4 8 30 34 4 8 30 34 4 8 30 34 34 35 36 36 36 36 36 36 36 36 36 36 36 36 36
Iboverga Birazili Metabol Marope * Pokaril Misca Kirarili Misca	62,523 49,854 4,878 2,301 1,906 100,370 822 100,370 822 124,8 46.2 226,3 115,9 65,6 14,6 16,6 17,4 89,6 727,3 255,7 207,8 66,7 89,9 5,8 8,8 8,2 4,6 82,6 82,6 82,6 82,6 82,6 82,6 82,6 82	0.1 0.3 0.2 0.0 0.9 0.9 0.2 0.2 0.2 0.2 0.2 0.2 0.1 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	0.9 0.6 0.0 0.9 0.1 1.4 1.4 0.1 1.4 1.5 0.8 1.3 2.3 2.3 2.3 2.3 2.1 1.3 2.1 1.3 2.2 2.3 2.3 2.3 3.5 6.4 2.2 2.4 2.5 0.8 0.3 2.3 3.5 1.5 6.8 0.0 3.5 0.	-1 1 2 2 2 3 3 1 1 2 2 2 2 Monthly 8 11 1 9 9 1 10 7 7 5 6 6 6 3 5 7 7 4 4 12 5 5 12 1 7 7 1 0 0 5 2 2 3 3 3 4 4 0 6 6 Monthly 10 10 10 10 10 10 10 10 10 10 10 10 10	2 7 7 3 15 16 32 18 8 6 7 10 0 8 8 6 7 10 0 12 12 12 12 12 13 15 15 15 15 15 13 30 34 4 9 12 Year
Iboverga Birazil Metabol Kurope* Pokari Misca Kilaria Kurope* Pokari Misca Kilaria Kurope* Pokari Misca Kilaria Kurope* Misca Kilaria Kurope* Misca Kilaria Kurope* Misca Misca Kilaria Misca Misca Misca Kilaria Misca	62,523 49,854 4,878 2,301 1,996 1,002 32,20 32,218 5,818 5,818 124,9 93.5 67,7 124,9 93.5 115,9 65,6 14,6 14,6 17,4 89,6 17,4 89,6 17,7 207,3 25,8 25,8 25,8 25,8 26,2 26,3 27,3 25,8 27,3 25,8 28,9 28,7 207,8 20,8 20,8 20,8 20,8 20,8 20,8 20,8 20	0.1 0.3 0.2 0.0 0.9 0.9 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	0.9 0.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-1 1 2 2 3 3 1 1 2 2 2 2 Monthly 8 111 9 100 7 7 5 6 6 3 5 7 7 4 12 5 5 12 1 7 7 1 0 0 5 5 2 3 3 3 4 4 0 6 6 Monthly 1.1 0.0.7 0.0.7	2 7 3 15 16 32 18 8 2 10 0 YTD 4 8 8 6 -7 10 0 12 12 12 3 15 15 15 15 15 15 15 17 13 30 34 9 12 Year 9 4
Iboverga Birazili Medod MacDo Misco	62,523 49,854 4,878 2,301 100 822 3,218 5,218 5,218 5,218 5,218 66,6 124,9 24,8 46,2 226,3 115,9 65,6 16,6 16,6 15,6 2,8 49,6 2,8 49,6 67 89,9 5,8 18,2 26,3 18,2 26,3 18,2 26,3 18,3 18,8 18,8 18,8 18,8 18,8 18,8 18	0.1 0.2 0.2 0.0 0.2 0.0 0.2 0.2 0.2 0.2 0.2	0.9 0.0 0.0 0.0 0.9 0.1 1.4 0.1 1.4 0.1 1.4 0.3 0.8 0.3 1.3 1.3 1.3 1.3 1.3 1.5 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	-1	2 7 3 15 -166 32 18 8 2 100 YTD 8 8 6 -7 100 4 19 2 12 12 3 15 15 15 15 13 30 34 4 9 12 Year 9
Iboverga Birazili Method MSCI DM Europe * Polesi Rusasili Missa Charles ("Livery) MSCI DM Alai * Sharapha Com (Chrisa) Jakerta Gridonesia) Banking sector US banks Banking sector US banks US banks Banking sector US banks Banking sector US banks US banks Banking sector US banks US banks Banking sector US banks Banking sector US banks Banking sector US banks Banking Banking Banking Banking US banks Banking	62,523 4 4 4 8 7 8 9 8 9 4 9 8 9 4 9 8 9 4 9 8 9 9 8 9 9 9 9	0.1 0.3 0.2 0.0 0.9 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	0.9 0.0 0.0 0.0 0.9 0.1 1.4 -0.1 1.4 -0.1 1.4 -0.1 3.0 8.8 2.3 2.3 2.1 3.7 2.0 2.3 2.3 2.1 3.7 2.0 3.7 2.0 3.7 2.0 3.7 2.0 3.7 2.0 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7	-1	2 7 3 15 16 22 10 WTD 4 8 8 6 6 7 70 10 8 6 6 70 10 10 10 10 10 10 10 10 10 10 10 10 10
Iboverga Birazili Method MSCI DM Europe * Pelendi Misca Kinaria (Turkey) MSCI BM Alia * Sharaphal Com (China) Jakaria Mindonia) Banking sectore US banks UPM GM Alia * Jakaria Mindonia) Banking sectore US banks UPM GM Alia MS GS EZ banks UPM GM Alia MS GS EZ banks UPM GM Alia MS GS GS GM Alia MS GM A	62,523 49,854 4,878 2,301 100 822 3,218 5,218 5,218 5,218 5,218 66,6 124,9 24,8 46,2 226,3 115,9 65,6 16,6 16,6 15,6 2,8 49,6 2,8 49,6 67 89,9 5,8 18,2 26,3 18,2 26,3 18,2 26,3 18,3 18,8 18,8 18,8 18,8 18,8 18,8 18	0.1 0.3 0.2 0.0 0.9 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	0.9 0.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-1 1 2 2 3 3 1 1 2 2 2 3 3 1 4 4 0 6 6 Monthly 1.1 6 0.7 3.6 0.7 0.7 3.6 0.7 0.7	2 7 3 15 16 32 18 2 100 VTD 4 8 6 6 -7 10 12 12 12 3 15 15 15 15 15 15 15 15 15 15 15 15 15
Iboverga Birazili Medicid Kurope * Medicid Kuro	62,523 4 4 4 870 4 10 10 10 10 10 10 10 10 10 10 10 10 10	0.1 0.3 0.0 0.9 0.9 0.9 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.9 0.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-1 1 2 2 3 1 1 2 2 2 2 1 1 1 7 5 6 3 3 5 7 7 4 4 1 1 2 2 2 3 3 3 4 0 6 6 Monthly 1.1 1 0 0.7 3.6 6 Monthly 1.1 0 0.7 3.6 0.7 Monthly 1.1 6.2 0.7 3.6 0.7 Monthly 1.1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 7 7 3 15 16 32 2 1 18 8 6 6 7 7 10 4 8 8 6 6 7 7 10 12 12 12 2 3 3 15 15 15 15 15 15 15 15 15 15 15 15 15
Iboverga Birazili Medod MacDo Misco	62,523 4 4 4 8 7 8 9 4 9 6 1 1 1 4 9 9 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.1 0.3 0.2 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.9 0.0 0.0 0.0 0.9 0.1 1.4 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	-1 1 2 2 3 1 1 2 2 2 3 1 1 2 2 2 2 1 1 7 7 1 6 6 3 3 5 7 7 4 4 1 1 2 2 2 3 3 3 4 6 1 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	2 7 7 3 15 6 16 32 2 10 4 8 8 6 7 7 10 0 8 8 6 7 7 10 0 12 12 12 12 12 12 13 15 15 15 15 15 15 15 15 15 15 15 15 15
Iboverga Biraril Medod M	62573 4 4876 4 4	0.1 0.3 0.2 0.2 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.9 0.6 0.0 0.9 0.1 1.4 1.0 1.1 1.2 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	-1	2 7 3 3 15 6 16 32 2 1 18 8 8 6 9 7 10 0 8 8 8 6 9 7 10 0 10 10 10 10 10 10 10 10 10 10 10 1
Iboverga Birazil Medod MSCI DM Larope * MSCI DM	62.573 4 4 4 8 7 6 8 6 8 6 8 6 8 8 6 8 8 8 8 9 8 9 8 9 8	0.1 0.3 0.2 0.2 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.9 0.6 0.0 0.9 0.1 1.4 1.0 1.4 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	-1 1 2 2 2 3 1 1 2 2 2 Moorthy 8 111 9 10 7 7 5 6 6 3 7 4 12 5 5 12 1 7 7 1 0 0 5 5 2 3 3 3 4 0 6 6 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 7 3 155 16 32 2 12 3 3 15 15 15 15 15 15 15 15 15 15 15 15 15
Iboverga Birazili Medodi Marcope* Medodi Me	62.523 4 4 4 8 7 8 9 4 1 1 2 9 4 1 1 2 9 5 1 1 1 3 2 8 4 1 1 2 9 5 1 1 1 3 2 8 1 1 1 1 1 2 9 5 1 1 1 3 2 9 5 1 1 1 3 2 9 5 1 1 1 3 2 9 5 1 1 3 2 9 5 1 1 3 2 9 5 1 1 3 2 9 5 1 1 3 2 9 5 1 3 3 3 3 4 4 1 2 9 5 1 1 3 2 9 5 1 1 3 2 9 5 1 1 3 2 9 5 1 1 3 2 9 5 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	0.1 0.3 0.2 0.0 0.9 0.9 0.9 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.3 0.6 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.9 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	0.9 0.0 0.0 0.0 0.9 0.1 1.4 0.1 1.4 0.1 1.4 0.1 1.4 0.1 1.4 0.1 1.4 0.1 1.4 0.1 1.4 0.1 1.4 0.1 1.4 0.1 1.4 0.1 1.4 0.1 1.4 0.1 1.4 0.1 1.4 0.1 1.4 0.1 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1	-1 1 2 2 0 2 3 1 1 2 2 2 Mountly 8 11 9 10 7 7 5 6 6 3 5 7 4 4 12 5 5 12 1 1 7 1 1 0 6 5 2 3 3 3 4 4 0 6 6 Mountly 1-1 7 7 3.6 6 7 7 8 0.7 3.6 6 1 0.7	2 7 7 3 15 6 16 16 17 17 17 17 17 17 17 17 17 17 17 17 17
Illowenga Birazili Medicidi Medicidi Medicidi Medicidi MSCI EM Lurope * Velori MSCI EM Lurope * Velori MSCI EM Alai * Shanghai Corni China) Janaham Sesseri Maria * Shanghai Corni China) Janaham Sesseri Maria * Janaham Maria * Janaham Sesseri Maria * Janaham Ma	62.573 4 4 4 8 7 8 9 4 6 1 6 6 6 8 9 9 5 9 4 4 8 1 1 1 4 8 9 6 4 4 8 1 1 1 1 4 8 9 6 6 8 8 9 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.1 0.3 0.2 0.2 0.2 0.2 0.2 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 0.1 1.3 0.5 0.9 0.9 0.9 0.1 1.3 0.5 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-1 1 2 2 3 3 1 1 2 2 2 3 3 1 1 1 9 9 1 1 1 1 1 1 1 1 1 1 1 1 1	2 7 3 3 15 16 32 8 8 6 6 7 7 7 10 10 10 10 10 10 10 10 10 10 10 10 10
Illowenga Birazili Medodi Macopa * Medodi Maco	62.573 4 4 4 8 7 6 6 6 4 9 9 6 6 4 9 9 9 9 9 9 9 9 9 9 9	0.1 0.3 0.2 0.0 0.9 0.9 0.9 0.9 0.1 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.3 0.6 0.6 0.6 0.6 0.6 0.7 0.7 0.7 0.7 0.7 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-1	2 7 7 3 15 16 16 18 2 10 0 YTD 4 8 8 6 6 7 7 10 10 12 12 12 12 12 13 15 15 15 15 15 15 15 15 15 15 15 15 15
Iblovenga Birazili Medod Marcopa* MSCI DM Europa* MSCI DM Europa* MSCI DM Alla Com (Critical) MSCI DM Alla Com (Cr	62,523 4 4 4 5 6 6 6 7 9 6 7 1 1 3 6 9 6 7 1 1 3 6 9 6 7 1 1 3 6 9 6 7 1 1 3 6 9 6 7 1 1 3 6 9 6 7 1 1 3 6 9 6 7 1 1 3 6 9 6 7 1 3 6 9 6 7 1 3 6 9 6 7 1 3 6 9 6 7 1 3 6 9 6 7 1 3 6 9 6 7 1 3 6 9 6 7 1 3 6 9 6 7 1 3 6 9 6 7 1 3 6 9 7 1 3	0.11 0.3 0.3 0.2 0.0 0.0 0.9 0.9 0.10 0.10 0.10 0.10 0.1	0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-1	2 7 7 3 15 16 32 2 10 10 8 6 6 7 7 10 0 8 6 6 7 7 10 10 10 10 10 10 10 10 10 10 10 10 10
Iblovensa Biraria Medicid Marcia Medicid Medicid Marcia Medicid Medicid Marcia Medicid	62.573 24 48 48 48 48 48 48 48 48 48 48 48 48 48	0.1 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	0.90	-1 1 2 2 0 2 3 3 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 7 7 3 3 15 15 16 2 2 1 2 2 9 9 4 4 3 9 12 2 12 2 3 3 15 15 15 15 15 15 15 15 15 15 15 15 15
Iboverga Biraril Medodi Medodi Lurope *	62.573 4 4 4 8 7 8 9 4 6 1 6 6 6 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.9 0.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-1 1 2 2 0 2 3 3 1 1 1 9 1 10 7 7 5 6 3 1 1 1 2 1 1 1 2 1 1 1 1 2 1 1 1 1 1 1	27 33 15 -16 32 18 8 2 10 0 8 6 -7 -7 10 8 6 -7 10 9 12 12 12 13 15 15 15 15 15 15 15 15 15 15 15 15 15
Iboverga Biraril Medod MSCI DM Larope * MSCI DM Larope * MSCI DM Larope * MSCI DM Asia * Sharphar Corn (Christo) Ise 100 of Unkey) Ise 100 of Unkey) Ise 100 of Unkey) Ise 100 of Unkey	62.573 4 4 4 8 7 6 1 6 1 6 1 6 1 6 1 6 1 6 1 6 1 6 1 6	0.1 0.3 0.3 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	0.90 0.00 0.00 0.00 0.00 0.00 0.00 0.00	-1 1 2 2 0 2 3 1 1 1 2 2 2 2 3 3 1 1 1 9 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1	27 7 3 3 15 -16 32 18 8 2 10 0 8 6 6 -7 10 8 6 6 -7 10 12 3 3 3 3 3 4 4 19 9 1 4 2 9 9 4 4 2 9 9 1 1 1 1 1 1 1 0 1 1 2 5 0 2 7 Carr
Iboverga Birazili Medodi Maccia Misca Image Service MSCI EM Largo e "Pedesid Russia" MSCI EM Asia " Sharphal Com (Chrisa) MSCI EM Asia "	62,523 4 4 4 878 4 6 6 7 1 1 4 4 6 6 6 7 1 1 1 3 2 9 5 1 0 8 9 5 4 4 5 1 1 1 3 2 9 5 1 0 8 9 5 5 8 5 8 9 5 9 5	0.11 0.31 0.32 0.32 0.30 0.00 0.00 0.00 0.00 0.00	0.90 0.00 0.00 0.00 0.00 0.00 0.00 0.00	-1 1 2 2 2 3 3 3 3 4 4 0 6 6 4 1 1 1 2 2 2 2 3 3 3 4 4 0 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	27 7 33 15 16 32 18 8 6 6 7 7 10 0 8 8 6 6 7 7 10 12 2 2 2 3 3 2 4 2 2 1 2 3 3 2 4 3 2 4 3 2 4 3 2 4 3 2 4 4 3 3 4 4 4 3 4 4 4 4





Developed Markets US (2-yr) US US GER (2-yr)		Daily	p) Week	Month	YTD
GER (2-yr)	1.40 2.38	0.1 1.1	1.3 7.3	9	18 -6
	-0.61 0.56	-2.9 -0.6	7.3 -3.3 9.0	12 29	17 28
Germany France	0.93	0.8	11.1	23	12
Spain Italy	1.70 2.32	2.6 4.7	16.5 15.7 9.5	14	19 45
Portugal Greece	3.12 5.40	6.1	9.5 -2.0	-64	-105 -148
Japan (2-yr) Japan	-0.10 0.09	-0.8 0.1	1.7 4.0	1 2	9
Emerging Markets		Daily	Weekly	Monthly	YTD
Brazil Chile	10.50 4.22	-2.6 0.0	-3.4 5.6	-33 18	-91 -11
Colombia Mexico	6.78 6.84	-2.5 -1.5	35.5 5.7	64 -28	-32 -80
Peru Poland	5.56 3.38	·2.3	19.9	13	-91 -34
Russia	8.01	6.0	5.5 10.7	18 24	-44
Turkey India	10.63 6.53	9.0 -0.6	36.0 2.1	40 -4	-37 15
Indonesia	7.17 risk (bp, chang	23.9	33.9	22	-67
Developed Markets	у пвк (ор, crian) level	es in bp) Daily	Weekly	Monthly	YTD
10-yr sovereign spread vs Germany	0.7			-5	40
France Italy	37 176	1.4 5.3	2.1 6.7	-27	-16 17
Portugal Spain	257 115	6.7 3.2	0.5 7.5	-26 -15	-105 -1
2-yr sovereign spread vs Germany France	24	-2.4		2	13
Italy	49	2.4	3.9 2.4	-4	-12
Portugal Spain	72 42	2.6 -1.7	0.4 10.5	-23 -4	-75 -6
Emerging Markets	level	Daily	Weekly	Monthly	YTD
5-yr sovereign CDS * Brazil	241	2.7	1	8	-30
Chile	68	1.6	2	-4	-14
Colombia Mexico	143 116	2.2 0.4	6	18 5	-21 -41
Peru Venezuela	88 4.296	1.3	1	-3	-20 390
Poland	61	72.3 0.0	93	470 -4	-14
Russia Turkey	177 204	2.8	8 12	25 12	0 -69
China	72	0.1	1	-3	-45
India Indonesia	90 121	-0.3 1.4	2	-3 0	-37 -35
	Risk indicators				
Volatilty indicators (%) VIX	level 12	Daily -5.0	Weekly 7	Monthly 15	YTD 0
VSTOXX	15	-1.7	-12	4	-41
EM EFT volatility Index Dollar/euro volatility	18 7	-0.7 2.4	12 1	11 -4	-12 -34
EM FX volatility index Credit spread (BAA) (bps)	8 203	0.9	-2	-2 -19	-28 -24
IS bonds volatility indev	203 57	0.9	3	4	-25
Banking 5 y CDS (bps) *	level 53	Daily 0.3	Weekly	Monthly -8	YTD -19
EZ	57	1.2	0	-25 -19	-50
UK Large Spanish	49 59	1.1	9	-19	-41 -58
Medium Spanish	98	-0.5 Daily	-2	-100 Monthly	-53 YTD
Corporate 5y CDS (bps) * US Non-financial	143	0.3	0	-8	-19
EZ Non-financial UK Non-financial	81 114	1.2 0.4	0	-25 -1	-50 -11
	markets (%, ch	inges in bj)		
EONIA Index	-0.36	Daily 0.00	Weekly 0.0	Monthly	0.0
Eurlbor 3m	-0.33	0.00	0.0	0.0	0.0
Euribor 12m Libor 3m	-0.16 1.30	0.00	0.0	0.0	-0.1 0.3
Libor 12m EZTED spread 3m	1.75 0.0	0.00 -46.70	0.0 -48.9	0.0 -51.7	0.1 -66.4
	tock markets (1010	0111	0011
Main indices	level	Daily	Weekly	Monthly	YTD
S&P500 Dow Jones	2,417 21,366	0.3	-0.3 0.1	-1	6 7
Nikkei	19,929	-0.3	-0.5	0	2
FTSE 100 EuroStoxx 50	7,339 3,458	0.0 -0.1	0.4	-2 -3	2 4
IBEX DAX	10,460 12,367	-0.4 -0.1	0.2	-4 -2	11 7
CAC	5,134	-0.3	0.3	-2	5
MIB ASE Athens	20,981 837	-0.5 -0.7	1.9	8	7 27
MSCI Latam *	76,000	-0.9	0.9	0	4
lbovespa (Brazil) Mexbol	62,523 49,854	0.1 -0.3	-0.6 0.0	-1	7
MSCI EM Europe * Poland	4,878 2,301	-0.2 0.0	0.9	0	-3 15
Micres (Russia)	1,906	-0.9			
	1,906	0.5	1.4	2	-16
lse 100 (Turkey) MSCI EM Asia *	100,370	-0.3	-0.1 -0.3	2 3 1	-16 32
lse 100 (Turkey) MSCI EM Asia * Shanghal Com (China)	100,370 822 3,218	-0.3 -0.2 0.2	-0.1 -0.3 0.8	3 1 2	-16 32 18 2
Shanghai Com (China) Jakarta (Indonesia) Banking sector	100,370 822 3,218 5,815 level	-0.3 -0.2	-0.1 -0.3	3	-16 32 18
Shanghal Com (China) Jakarta (Indonesia) Banking sector US banks	100,370 822 3,218 5,815 level 124,9	-0.3 -0.2 0.2 -0.2 Daily 0.1	-0.1 -0.3 0.8 -0.3 Weekly 2.3	3 1 2 2 Monthly 8	-16 32 18 2 10 YTD 4
Shanghail Com (China) Jakarta (Indonesia) Banking sector US banks JPM Citi	100,370 822 3,218 5,815 level 124.9 93.5 67.7	-0.3 -0.2 -0.2 -0.2 Daily 0.1 0.1	-0.1 -0.3 0.8 -0.3 Weekly 2.3 2.3 1.3	3 1 2 2 2 Monthly 8 11 9	-16 32 18 2 10 YTD 4 8 10
Shanghal Com (China) Jakerta (Indonesia) Banking sector US banks JPM Citi BBA	100,370 822 3,218 5,815 level 124.9 93.5 67.7 24.8	-0.3 -0.2 -0.2 -0.2 Daily 0.1 0.1 0.2	-0.1 -0.3 0.8 -0.3 Weekly 2.3 2.3 1.3 2.1	3 1 2 2 Monthly 8 11 9	-16 32 18 2 10 YTD 4 8 10 8
Shanghal Com (China) Jakaira Sindonesia) Jamking sector US banks JPM Citil Book MS SSS	100,370 822 3,218 5,815 level 124.9 93.5 67.7 24.8 46.2 226.3	-0.3 -0.2 0.2 -0.2 Daily 0.1 0.2 0.2 0.2	-0.1 -0.3 0.8 -0.3 Weekly 2.3 2.3 1.3 2.1 3.7 2.0	3 1 2 2 2 Monthly 8 11 9 10 7	-16 32 18 2 10 YTD 4 8 10 8 6
Shanghal Com (China) Idears (Indonesia) Benking sector US banks PPM CH Book MS SS SEA SEZ banks BNP	100,370 822 3,218 5,815 level 124,9 93.5 67.7 24.8 46.2 226.3 115.9 65.6	-0.3 -0.2 -0.2 -0.2 Daily 0.1 0.1 0.2 0.2 -0.2 -0.2 -0.4	-0.1 -0.3 0.8 -0.3 Weekly 2.3 2.3 1.3 2.1 3.7 2.0 4.3	3 1 2 2 Monthly 8 11 9 10 7 5 6 3	-16 32 18 2 10 YTD 4 8 10 8 6 -7 10 4
Shanghai Com (China) Idadara Gindonosia) Banking sector U5 banks IPM Citi BaoA MS GS GS EZ banks INIP Cettl Agricole	100,370 822 3,218 5,815 level 124,9 93,5 67,7 24,8 46,2 226,3 115,9 65,6 14,6	-0.3 -0.2 -0.2 -0.2 Daily 0.1 0.1 0.2 0.2 -0.2 -0.4 0.3 -0.6	-0.1 -0.3 0.8 -0.3 Weekly 2.3 2.3 1.3 2.1 3.7 2.0 4.3 4.0 3.9	3 1 2 2 Monthly 8 11 9 10 7 5 6	-16 32 18 2 10 YTD 4 8 10 8 6 -7 10 4 19
Shanghai Com (China) Islandra di Comica (China) Islandra gescere US banka IPM ISI banka IPM ISI banka	100.370 822 3.218 5.815 level 124.9 93.5 67.7 24.8 46.2 226.3 115.9 65.6 14.6 16.6	0.3 -0.2 0.2 -0.2 Daily 0.1 0.2 0.2 0.2 -0.2 -0.2 -0.4 -0.3 -0.6 -0.4 -0.2	-0.1 -0.3 0.8 -0.3 2.3 1.3 2.1 3.7 2.0 4.3 4.0 3.9 7.1	3 1 2 2 Monthly 8 11 9 10 7 5 6 3 5 7 4	-16 32 18 2 10 YTD 4 8 10 8 6 -7 10 4 19 2
Shanghal Com (China) Ideate Gindoniesia) Isanaking sector US banks Isanaking sector US banks ISANAK	100,370 822 3,218 5,815 level 124,9 93.5 67.7 24.8 46.2 226.3 115.9 65.6 14.6 15.6 2.8	-0.3 -0.2 -0.2 -0.2 -0.1 -0.1 -0.2 -0.2 -0.2 -0.4 -0.3 -0.6 -0.4 -0.2 -1.0	-0.1 -0.3 0.8 -0.3 Weekly 2.3 2.3 1.3 2.1 3.7 2.0 4.3 4.0 3.9 7.1 3.1 2.2 5.3	3 1 2 2 2 Monthly 8 11 9 10 7 5 6 3 5 7 4 12 5	-16 32 18 2 10 YTD 4 8 10 8 6 -7 10 4 19 2 12 12
Shanghai Com (China) labelare Gindoniesia) Banking pectore US banks US bank	100,370 822 3,218 5,815 level 124,9 93,5 67,7 24,8 46,2 226,3 115,9 65,6 16,6 15,6 2,8 49,6	-0.3 -0.2 -0.2 -0.2 -0.1 -0.1 -0.2 -0.2 -0.2 -0.2 -0.4 -0.3 -0.6 -0.4 -0.5 -0.6	-0.1 -0.3 0.8 -0.3 Weekly 2.3 2.3 1.3 2.1 3.7 2.0 4.3 4.0 3.9 7.1 3.1 2.2 5.3 6.4	3 1 2 2 2 Monthly 8 11 9 10 7 5 6 3 5 7 4 12 5	-16 32 18 2 10 YTD 4 8 10 8 6 -7 10 4 19 2 12
Shanghal Com (China) dialorist Gindonialo dialorist Gindonialo dialorist Gindonialo dialorist Gindonialo dialorist Gindonialo dialorist	100.370 30.218 5.815 level 124.9 93.5 67.7 24.8 46.2 226.3 115.9 65.6 14.6 15.6 15.6 17.4 89.6 772.3	-0.3 -0.2 -0.2 -0.2 -0.1 -0.1 -0.1 -0.2 -0.2 -0.2 -0.4 -0.3 -0.6 -0.4 -0.2 -1.0 -0.5 -0.3 -0.3	-0.1 -0.3 0.8 -0.3 Weekly 2.3 2.3 1.3 2.1 3.7 2.0 4.3 4.0 3.9 7.1 3.1 2.2 5.3 6.4 2.4	3 1 2 2 2 Monthly 8 11 9 10 7 5 6 3 5 7 4 12 5	-16 32 18 2 10 YTD 4 8 10 8 6 -7 10 4 19 2 12 12 3 24 9
Shanghal Com Chiha) ideated Indonesial ill-making sector. IS banata IPM IS banata IS banat	100,370 822 3,218 5,815 level 124,9 93,5 67,7 24,8 46,2 226,3 115,9 65,6 14,6 16,6 15,6 2,8 49,6 17,4 89,6	-0.3 -0.2 -0.2 -0.2 -0.1 -0.1 -0.2 -0.2 -0.2 -0.4 -0.3 -0.6 -0.4 -0.2 -1.0 -0.5 -0.6 -0.3	-0.1 -0.3 0.8 -0.3 Weekly 2.3 2.3 1.3 2.1 3.7 2.0 4.3 4.0 3.9 7.1 3.1 2.2 5.3 6.4 2.4	3 1 2 2 2 Monthly 8 11 9 10 7 5 6 3 5 7 4 12 5	-16 32 18 2 10 YTD 4 8 10 8 6 -7 10 4 19 2 12 12 3 24 2
Shanghai Com Chiha) ideath Ghidheala ideath Ghidheala ideath Ghidheala ideath Ghidheala ideath Ghidheala ideath Ghidheala ideath	100.370 822 3.218 5.815 level 124.9 93.5 67.7 24.8 46.2 226.3 115.9 65.6 14.6 15.6 2.8 49.6 727.3 258.7 207.8	-0.3 -0.2 -0.2 -0.2 -0.1 -0.1 -0.2 -0.2 -0.2 -0.4 -0.3 -0.6 -0.4 -0.5 -0.6 -0.3 -0.1 -0.5 -0.0 -0.3	-0.1 -0.3 0.8 -0.3 Weekly 2.3 2.3 1.3 2.1 3.7 2.0 4.3 4.0 3.9 7.1 3.1 2.2 5.3 6.4 2.2 4.7 2.0	3 1 2 2 2 Monthly 8 11 9 10 7 5 6 3 3 5 7 4 12 5 12 1 1 7	-16 32 18 2 10 YTD 4 8 10 8 6 -7 10 4 19 2 12 12 3 24 2 9 10 -12 3 3
Shanghal Com (China) ideated Indonesial ideated Indonesial ideated Indonesial ideated Indonesial ideated Indonesial ideated Indonesial ideated	100,370 822 3,218 5,815 5,815 67,7 24.8 46.2 226.3 115.9 65.6 14.6 15.6 28 49.6 727.3 258.7 207.8	-0.3 -0.2 -0.2 -0.2 -0.1 -0.1 -0.2 -0.2 -0.2 -0.2 -0.3 -0.6 -0.4 -0.2 -1.0 -0.5 -0.6 -0.3 -0.1 -0.5 -0.6 -0.3 -0.1 -0.5 -0.6 -0.3 -0.1 -0.5 -0.6 -0.3 -0.1	-0.1 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3	3 1 2 2 2 Monthly 8 11 9 10 7 5 6 3 5 7 4 12 5 12 1 7 7 10 	-16 32 18 2 10 YTD 4 8 10 8 6 -7 10 4 19 2 12 12 3 24 2 9 10 -12 3 15 15
Sharghale Com Chiha) ideated Indonesial Ideated Ind	100,370 822 3,218 5,815 [cvc] 124,9 93.5 67.7 24.8 46.2 226.3 115.9 65.6 14.6 15.6 15.6 17.4 99.6 727.3 258.7 207.8 99.9 5.8	-0.3 -0.2 -0.2 -0.2 -0.1 -0.1 -0.2 -0.2 -0.2 -0.4 -0.3 -0.6 -0.4 -0.5 -0.6 -0.5 -0.6 -0.3 -0.5 -0.6 -0.3 -0.5 -0.1 -0.5 -0.1 -0.5 -0.1 -0.5 -0.1 -0.5 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6	-0.1 -0.3 -0.3 -0.3 Weekly 2.3 1.3 2.1 3.7 2.0 4.3 4.0 3.9 7.1 3.1 2.2 5.3 6.4 2.4 2.4 2.4 2.6 1.9 2.6 1.9 2.6 1.9 2.6 1.9 2.6 2.7 2.7 2.8 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9	3 1 2 2 2 Monthly 8 11 9 10 7 5 6 3 3 5 7 4 12 5 12 1 7 1 1 0 5	-16 32 18 2 110 YTD 4 8 110 8 6 -7 110 4 19 2 12 3 244 2 9 110 -12 3 15
Sharghale Corn Chrha) Ideator Indonenial Israhing sector. IS Sanata Israhing sector. IS Sanata IPMI IPMI IPMI ISRAHING SANATA	100,370 822 3,218 5,815 best 124,9 93,5 67,7 67,7 24,8 46,2 226,3 115,9 65,6 14,6 15,6 15,6 17,4 89,6 67,7 207,8 89,9 5,8 7,5 82,6 4,3	0.3 0.2 0.2 0.2 0.1 0.1 0.1 0.2 0.2 0.2 0.2 0.4 0.3 0.6 0.4 0.5 0.6 0.4 0.5 0.6 0.6 0.7 0.7 0.0 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-0.1 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3	3 1 2 2 2 Monthly 8 8 11 1 9 10 7 7 5 6 3 5 7 4 12 12 1 7 7 1 1 0 5 5 2 3 3 2 2 3 3 3 3 3	-16 32 18 2 10 4 8 10 4 8 6 6 -7 10 4 19 2 12 12 3 24 2 9 10 -12 3 15 15 15 13 30 30
Sharghale Com Chiha) ideated Indonesial ideated Indonesial ideated Indonesial ideated Indonesial ideated Indonesial ideated Indonesial ideated	100,370 822 3,218 5,815 10,41 124,9 93,5 67,7 24,8 46,2 226,3 115,9 65,6 14,6 15,6 12,8 49,6 17,4 49,6 17,7 89,9 5,8 7,5 82,6	0.3 0.2 0.2 0.2 0.1 0.1 0.2 0.2 0.2 0.2 0.2 0.4 0.3 0.6 0.4 0.5 0.6 0.3 0.1 0.5 0.6 0.3 0.4 0.6 0.3 0.4 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	-0.1 -0.3 -0.3 -0.2 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3	3 1 2 2 2 Monthly 8 8 11 9 10 7 7 5 6 3 3 5 7 4 4 12 1 7 7 1 0 0 5 5 2 3 3 2 3 3	-16 32 18 2 10 4 8 10 8 6 7 10 4 19 2 12 12 12 12 13 3 15 15 15 15 13
Shanghal Com Chiha) Ideated Indonesial Ideated Indo	100,370 822 3,218 5,815 1evel 124,9 93,5 67,7 24,8 46,2 226,3 115,9 65,6 11,6 16,6 15,6 2,8 49,6 727,3 25,8 77,7 89,9 58 75 82,6 43 1,8	0.3 0.2 0.2 0.2 0.2 0.1 0.1 0.1 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.4 0.5 0.2 0.2 0.4 0.5 0.6 0.4 0.5 0.5 0.7 0.0 0.8 1.2 0.5 0.7 0.0 0.8 1.2 0.5 0.7 0.0 0.4 0.5 0.4 0.0 0.5 0.4 0.0 0.5 0.5 0.7 0.7 0.0 0.4 0.0 0.5 0.5 0.7 0.7 0.5 0.7 0.7 0.0 0.5 0.5 0.7 0.7 0.0 0.5 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.5 0.7 0.5 0.5 0.7 0.5 0.5 0.7 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	-0.1 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3	3 1 2 2 2 10 10 10 10 10 10 10 10 10 10 10 10 10	-16 32 18 2 10 17 17 10 18 6 10 10 10 10 10 10 10 10 10 10 10 10 10
Sharphale Com Chiha) Ideated Indonesial Ideated Ind	100,370 822 3,218 5,815 level 124,9 93.5 67.7 24.8 46.2 286.3 165.9 65.6 15.6 15.6 17.4 89.6 17.4 89.6 17.7 89.9 18.8 18.8 18.8 18.8 18.9 18.9 18.9	0.3 0.2 0.2 0.2 0.1 0.1 0.1 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.4 0.3 0.6 0.4 0.2 1.0 0.5 0.6 0.3 0.6 0.3 0.6 0.3 0.6 0.3 0.6 0.3 0.6 0.4 0.2 1.0 0.5 0.6 0.3 0.5 0.6 0.3 0.5 0.5 0.6 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	-0.1 -0.1 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3	3 1 2 2 2 Monthly 9 10 7 7 5 6 3 5 5 7 4 4 12 1 7 7 1 0 0 5 5 2 3 3 3 4 4 0 6 6 Monthly 10 10 10 10 10 10 10 10 10 10 10 10 10	-16 32 18 2 10 YTD 4 8 10 0 10 4 19 2 12 12 3 24 15 15 15 15 15 15 15 17 12 12 12 3 17 15 15 15 15 15 15 15 15 15 15 15 15 15
Sharghale Cort China) Sharghale Cort China) Sharking sector Sh	100,370 822 3,218 5,815 bevel 124,9 93.5 67.7 24.8 46.2 226.3 115.9 65.6 16.6 16.6 17.7 24.8 28.6 28.6 28.7 29.8 66.7 89.9 5.8 7.5 82.6 4.3 1.8 8.2 8.6 6. cod for current level 1.14	0.3 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	-0.1 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3	3 1 2 2 2 Monthly 81 9 10 7 7 5 6 3 3 5 7 4 4 12 1 7 7 1 0 0 5 2 3 3 3 4 4 0 6 6 Monthly 1.1	-16 32 18 2 10 YTD 4 8 8 10 4 19 2 12 12 12 3 15 15 15 15 13 30 34 4 9 12 Year 9
Sharphale Cort Chihal blacks dindonesial blacks din	100,370 822 3,218 5,815 Evel 124,9 93.5 7,7 24,8 115,9 65,6 14,6 15,6 15,6 16,6 17,4 17,7 207,8 17,7 207,8 17,7 207,8 20,9 20,8 20,6 20,8 20,8 20,8 20,8 20,8 20,8 20,8 20,8	0.3 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	0.1 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 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	3 1 2 2 2 Monthly 8 11 9 10 7 7 5 6 3 5 7 4 4 12 5 12 1 7 7 1 0 5 5 2 3 3 4 4 0 6 6 Monthly 1.1 -0.7 3.6 3.6 3.6 4 0 6 6	-16
Sharphile Com Chiha) Sharphile Com Chiha) Sharbing Sector Sharbing Shar	100,370 822 3,218 5,815 1evel 124,9 93.5 67.7 24.8 46.2 28.8 115.9 65.6 15.6 15.6 15.6 2.8 49.6 17.4 89.6 17.4 89.6 17.4 89.6 17.4 89.6 18.8 8.2 4.6 4.3 1.8 8.2 4.6 1.4.6 1.8 8.2 8.6 8.2 8.8 8.2 8.6 8.2 8.8 8.2 8.2	0.32 0.2 0.2 0.2 0.2 0.3 0.1 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	-0.1 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3	3 1 2 2 2 Monthly 8 11 9 10 7 7 5 6 3 5 7 4 12 5 12 1 7 7 1 0 5 5 2 3 3 3 4 0 6 6 Monthly 1.1 9 0.7 3.6 0.7 0.7 3.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	-16
Sharphile Com Chiha) Salavis Gindonesia Sharphile Social Gindonesia Sharphile Gindonesia Sharphile Gindonesia Sharphile Gindonesia Sharphile Gindonesia Sharphile Sharphile Sharphile Sharphile Sharphile Sharphile Sharphile Sharphile Sharphile Sharphile Sharphile Sharphile Sharphile Sharphile Sharphile Sharphile Sharphile Sharphile Sharphile Sharphile Sharphile Sharphile Sh	100,370 822 3,218 822 3,218 5,815 level 124,9 89,5 846,2 226,3 115,9 65,6 146,6 17,4 89,6 17,4 89,6 17,4 89,6 17,4 89,6 17,4 89,6 17,4 18,6 11,14 18,6 11,14 18,6 11,14 18,6 11,14 18,6 11,14 18,6 11,14 18,6 11,14 18,6 18,6 18,6 18,6 18,6 18,6 18,6 18,6	0.3 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	0.1 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 0.3 0.8 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	3 1 2 2 2 Monthly 8 111 9 110 7 5 6 6 3 5 7 4 12 5 5 7 1 1 0 5 5 2 3 3 4 4 0 6 6 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-16
Sharphile Cort Chiha) Sharphile Cort Chiha) Sharphile	100,370 822 3,2181 5,818 5,818 5,818 67,7 24.8 46,2 226,3 1159 67,6 16,6 16,6 15,6 28,6 44,6 28,6 28,7 27,7 32,7 32,7 32,7 32,7 32,7 32,7 32	0.3 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.1 0.1 0.2 0.2 0.2 0.2 0.4 0.3 0.5 0.6 0.4 0.5 0.6 0.4 0.5 0.6 0.4 0.5 0.6 0.4 0.5 0.5 0.6 0.4 0.5 0.5 0.6 0.5 0.6 0.5 0.6 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	-0.1 -0.3 -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	3 1 2 2 Monthly 8 11 9 10 7 5 6 6 3 5 7 4 12 1 7 1 0 0 5 2 3 3 4 0 6 6 Monthly 1.1 9 0 6 6 0 7 3 3 5 6 6 0 7 3 6 0 7 6 0 7 6 0 7 7 1 1 0 0 7 7 1 1 0 0 7 7 1 1 0 0 7 7 1 1 0 0 7 7 1 1 0 0 7 7 1 1 0 0 7 7 1 1 0 0 7 1 1 1 1	-16
Sharphale Com Chiha) Ideated Indonesial Ideated Ind	100,370 822 3,2181 822 3,2181 828 1003 1003 1003 1003 1003 115,9 65,6 116,6 116,6 116,6 116,6 117,4 117,4 117,7 11	0.3 0.5 0.6 0.7 depted to 0.5 0.7 depted to 0.5 0.8 0.7 depted to 0.5 0.5 0.3 0.7 depted to 0.5 0.5 0.7 depted to 0.5 0.5 0.7 depted to 0.5 0.5 0.7 depted to 0.5 0.	0.1 0.3 0.8 0.8 0.3 0.8 0.8 0.8 0.3 0.8 0.8 0.3 0.8 0.3 0.8 0.3 0.8 0.3 0.8 0.3 0.5 0.8 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	3 1 2 2 2 Monthly 8 11 1 9 10 7 5 6 3 5 7 4 4 12 5 5 12 1 1 0 0 5 6 1 1 2 2 3 3 3 4 4 0 6 6 1 0 0 7 3.6 6 0.7 Monthly 1.1 0 0 7 3.6 6 0.7 0.3 6 6.1 6.1 6 6.1	-16 -16 -16 -17 -17 -17 -17 -17 -17 -17 -17 -17 -17
Sharphile Corn Chihal blacks Gindonesia Islandis Gindonesia Islandis Gindonesia Gindones	100,370 822 3,2181 822 3,2181 1024 93,5 67,7 24.8,2 165,6 16.6 16.6 16.6 15.6 16.7 22,2 20,2 20,2 20,2 20,2 20,2 20,2 20,	0.3 0.2 0.2 0.2 0.1 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.3 0.6 0.5 0.3 0.3 0.6 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.1 0.3 0.8 0.8 0.3 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	3 1 2 2 2 Monthly 8 11 1 9 10 7 5 6 3 5 7 4 4 12 5 5 12 1 1 0 0 5 6 1 1 2 2 3 3 3 4 4 0 6 6 Monthly 1.1 0 0 6 0 7 3.6 6 0 7 0 0 3 6 6 1 0 3 0 6 1 0 0 6 1 0 0 6 1 0 0 6 1 0 0 6 1 0 0 6 1 0 0 6 1 0 0 6 1 0 0 0 6 1 0 0 0 6 1 0 0 0 0	-16
Sharphale Cort Chihal Sharphale Cort Chihal Sharphale Cort Chihal Sharphale Cort Sharphale Sharp	100,370 822 3,218 822 3,218 5,8113 100,317 101,91 1	0.3 0.2 0.2 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.1 0.3 0.8 0.8 0.3 0.8 0.8 0.9 0.3 0.8 0.8 0.9 0.3 0.8 0.9 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 1 2 2 2 Monthly 8 8 1 1 1 9 9 10 7 7 5 6 3 5 7 7 4 12 5 12 1 7 7 1 1 0 0 -5 2 3 3 4 4 0 6 6 2 0 7 3 6 6 1 1 1 5 6 6 2 0 0 7 3 6 6 0 7 0 7 0 7 0 7 0 7 0 7 0 7 0 7 0 7	-16 -16 -16 -17 -17 -17 -17 -17 -17 -17 -17 -17 -17
Sharphale Cort Chrisho Sharphale Cort Chrisho Sharphale Cort Chrisho Sharphale Sharpha	100,370 822 3,218 822 3,218 903 903 903 903 903 903 903 903 903 903	0.3 0.2 0.2 0.2 0.1 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 -0.3	3 1 2 2 2 Monthly 10 10 7 7 5 6 3 5 7 7 4 12 5 5 12 1 7 7 1 0 0 5 2 3 3 3 4 4 0 6 6 10 0 7 0 7 6 2 0 7 0 7 0 7 0 7 0 7 0 7 0 7 0 7 0 7 0	-16 32 18 2 10 0 YTD 4 8 10 8 6 -7 10 10 4 19 2 12 12 12 3 15 15 15 15 15 15 15 15 15 15 15 15 15
Sharphile Cort Chihal Sharphile Cort Chihal Sharphile Cort Chihal Sharphile	100,370 822 3,2181 5,815 1,24,9 93,5 67,7 24,8,4 46,2 262,3 115,9 115,6 116,6	-0.3 -0.2 -0.2 -0.2 -0.2 -0.3 -0.1 -0.1 -0.1 -0.1 -0.1 -0.2 -0.2 -0.2 -0.2 -0.3 -0.1 -0.5 -0.6 -0.4 -0.6 -0.4 -0.5 -0.6 -0.7 -0.5 -0.7 -0.7 -0.8 -0.8 -0.7 -0.8 -0.8 -0.8 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9	0.1 0.3 0.8 0.8 0.3 0.8 0.8 0.8 0.8 0.8 0.3 1.3 1.3 1.3 1.7 2.0 0.4 0.3 1.3 1.3 1.7 2.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0	3 1 2 2 Noorthy 1 2 2 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1	-16 -16 -16 -16 -16 -16 -16 -16 -16 -16
Sharphale Corn China) Sharphale Corn China) Sharphale Corn China) Sharphale Sharphale Sharphale Sharphale Sharphale	100,370 822 3,2181 823 103,3181 103,3181 104,9 134,5 134,6 134,6 14,6 15,6 16,6 15,6 16,6 15,6 16,6 15,6 16,6 15,6 16,6 16	-0.3	-0.1 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3	3 1 2 2 2 Mouthly 8 11 9 10 7 7 5 6 6 3 5 7 4 12 2 1 10 0 6 1 10 10 10 10 10 10 10 10 10 10 10 10 1	-16 -16 -16 -16 -17 -17 -17 -17 -17 -17 -17 -17 -17 -17
Sharphale Corn Chrisho	100,370 822 3,218 822 3,218 900 900 900 900 900 900 900 900 900 90	-0.3 -0.2 -0.2 -0.2 -0.2 -0.3 -0.1 -0.1 -0.1 -0.1 -0.2 -0.2 -0.2 -0.2 -0.2 -0.3 -0.6 -0.4 -0.3 -0.6 -0.4 -0.5 -0.6 -0.6 -0.7 -0.7 -0.7 -0.7 -0.8 -0.8 -0.8 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9	0.11 0.3 0.8 0.3 0.8 0.3 0.8 0.9 0.3 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	3 1 2 2 2 Monthly 10 10 7 7 5 6 3 5 7 7 4 12 5 5 12 1 7 7 1 0 0 5 6 2 3 3 3 4 4 0 6 6 10 0 7 0 7 0 7 0 7 0 7 0 7 0 7 0 7 0 7	-16 32 18 2 10 0 YTO 4 8 10 8 6 -7 10 10 4 19 2 12 12 12 3 15 15 15 15 15 15 15 15 15 15 15 15 15
Sharphale Corn Chrisho	100,370 822 3,2181 822 3,2181 102,49 93,5 67,7 24.8 46,2 228,3 115,9 115,6 116	0.3 0.2 0.2 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 -0.3	3 1 2 2 2 North 19 9 10 7 7 5 6 6 3 3 5 7 7 1 12 5 2 3 3 2 2 3 3 3 4 4 0 6 6 1 6 0 7 0 0 7 0 0 6 6 1 1 1 0 0 7 0 0 7 0 0 6 6 1 1 1 0 0 1 0 1 0 1 0 1 0 1 0 1	-16 -16 -16 -16 -16 -16 -16 -16 -16 -16
Sharphile Cort China) Islanding sector Islandi	100,370 822 3,2181 822 3,2181 5,8182 6,727 24.8 46.2 226,3 1159 31.5 61.6 16.6 15.6 16.6 15.6 2.8 4.6 16.6 15.6 2.8 4.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2	0.3 0.2 0.2 0.2 0.3 0.4 0.5 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	-0.1 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3	3 1 2 2 Moretly 8 8 111 9 100 10 10 10 10 10 10 10 10 10 10 10 10	-16 -16 -16 -16 -16 -16 -16 -16 -16 -16
Sharphile Com China) blanks and common blanks an	100,370 822 3,2181 822 3,2181 823 1023 1024 93,5 67,7 24,8 93,5 65,6 16,6 16,6 14,6 15,6 17,4 89,6 17,7 89,9 13,2 12,2 12,2 13,2 12,2 13,2 13,1 13,1	0.3 2 0.2 2 0.1 0.1 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	-0.1 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3	3 1 2 2 2 November 1 1 2 2 3 3 3 4 4 0 6 6 2 0 .7 Mounthly 1 1 1 0 .4 4 0 .7 0 .6 6 .2 Mounthly 1 0 .4 Mounthly 1 0 .7 0 .6 .2 Mounthly 1 0 .4 0 .7 0 .6 .2 Mounthly 1 0 .4 0 .7 0 .6 Mounthly 1 0 Mounthly 1	-16 -16 -16 -16 -16 -16 -16 -16 -16 -16
Shanghal Com China) Shanghal	100,370 822 3,2181 822 3,2181 1024 9 93,5 67,7 24.8 46,2 252,3 115.9 115.6 116	0.3 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	0.11 0.3 0.8 0.8 0.2 0.3 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	3 1 2 2 Morelly 1 1 2 1 1 2 1 1 2 1 2 1 1 1 2 1 2 1 1 1 2 1 1 1 2 1 1 1 1 2 1	-16 -16 -16 -16 -16 -16 -16 -16 -16 -16
Sharphale Corn Chrisha Salarian Sharphale Confidence Sharphale	100,370 822 3,2181 822 3,2181 5,8182 5,8183 1033 194,9	0.3 0.2 0.2 0.1 0.1 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	0-11 0-3 0-3 0-8 0-5 0-5 0-5 0-5 0-5 0-9 0-9 0-9 0-9 0-9 0-9 0-9 0-9 0-9 0-9	3 1 2 2 2 Morethy 8 11 9 10 0 7 5 6 3 5 7 4 4 12 5 5 12 1 7 7 1 0 0 5 5 2 3 3 3 4 4 0 6 6 10 10 10 10 10 10 10 10 10 10 10 10 10	-16 -16 -16 -16 -16 -16 -16 -16 -16 -16





	(10V % -	annos L	0)		
Debt markets Developed Markets US (2-yr)	(10Y, %, ch	anges in t Daily 0.1	Week	Month	YTD 18
US	2.38	1.1	1.3 7.3	20	-6
GER (2-yr) Germany	-0.61 0.56	-2.9 -0.6	9.0	12 29	17 28
France Spain	0.93 1.70	2.6	16.5	14	19
Italy Portugal	2.32 3.12	6.1	15.7 9.5	2	-105
Greece Japan (2-yr)	5.40 -0.10 0.09	3.3 -0.8 0.1	-2.0 1.7 4.0	-64 1	-148 9
Japan Emerging Markets Brazil		Daily	Weekly	2 Monthly	YTD
Chile	10.50 4.22	-2.6 0.0	-3.4 5.6	-33 18	-91 -11
Colombia Mexico	6.78 6.84	-2.5 -1.5	35.5 5.7	64 -28	-32 -80
Peru Poland	5.56 3.38	-2.3 -3.6	19.9 5.5	13 18	-91 -34
Russia Turkey	8.01 10.63	6.0 9.0	10.7 36.0	24 40	-44 -37
India Indonesia	6.53 7.17	-0.6	2.1	-4 22	15 -67
Country n	sk (bp, chang	es in bp)			
Developed Markets 10-yr sovereign spread vs Germany	level	Daily	Weekly	Monthly	YTD
France Italy	37 176	1.4 5.3	2.1 6.7	-5 -27	-16 17
Portugal Spain	257 115	6.7 3.2	0.5 7.5	-26 -15	-105 -1
2-yr sovereign spread vs Germany France	24	-2.4	3.9	2	13
Italy Portugal	49 72	2.4	2.4	-1 -23	-12 -75
Spain	42	-1.7	10.5	-4	-6
Emerging Markets 5-yr sovereign CDS *	level	Daily	Weekly	Monthly	YTD
Brazil Chile	241 68	2.7 1.6	1 2	8	-30 -14
Colombia Mexico	143 116	2.2	6	18	-21 -41
Peru	88	1.3	1	-3	-20
Venezuela Poland	4,296 61	72.3 0.0	93	470 -4	390 -14
Russia Turkey	177 204	2.8	8 12	25 12	0 -69
China India	72 90	0.1	1 2	-3	-45 -37
Indonesia	121	1.4	4	0	-35
Volatilty indicators (%)	sk indicators level	Daily	Weekly	Monthly	YTD
VIX VST OXX	12 15	-5.0 -1.7	7 -12	15 4	-1
EM EFT volatility Index Dollar/euro volatility	18	-0.7	12	11	-12 -34
EM FX volatility index	8	0.9	2	-2	-28
Credit spread (BAA) (bps) US bonds volatility index	203 57	-1.1 0.9	-2 3	-19 4	-24 -25
Banking 5y CDS (bps) * US	level 53	Daily 0.3	Weekly 0	Monthly -8	YTD -19
EZ UK	57 49	1.2	0	-25 -19	-50 -41
Large Spanish	59 98	1.1	2	-19 -31 -100	-41 -58 -53
Medium Spanish Corporate 5y CDS (bps) *	level	-0.5 Daily	-2 Weekly	Monthly	YTD
US Non-financial EZ Non-financial	143 81	0.3 1.2	0	-8 -25	-19 -50
UK Non-financial Interbank ma	114	0.4 inges in b	0	-1	-11
	level	Daily	Weekly	Monthly	YTD
EONIA Index Euribor 3 m	-0.36 -0.33	0.00	0.0	0.0	0.0
Euribor 12m	-0.16 1.30	0.00	0.0	0.0	-0.1 0.3
Libor 3m Libor 12m EZ TED spread 3m	1.75	0.00	0.0	0.0	0.1
	k markets (70.9	51.7	30.4
Main indices	level	Daily	Weekly	Monthly	YTD
S&P500 Dow Jones	2,417 21,366	0.3	-0.3 0.1	-1 1	6 7
S&P500 Dow Jones Nikkei FTSE 100	21,366 19,929 7,339	0.3 0.2 -0.3 0.0	-0.3 0.1 -0.5	-1 1 0 -2	6 7 2 2
S&P500 Dow Jones Nikkei	21,366 19,929 7,339 3,458	0.3 0.2 -0.3	-0.3 0.1	-1 1 0	6 7 2
S&P500 Dow Jones Nikkei FTSE 100 EuroStoxx 50 IBEX DAX	21,366 19,929 7,339 3,458 10,460 12,367	0.3 0.2 -0.3 0.0 -0.1 -0.4 -0.1	-0.3 0.1 -0.5 0.4 0.5 0.2 0.3	-1 1 0 -2 -3 -4 -2	6 7 2 2 4 11 7
SAP500 Dow Jones Nildoi FTSE 100 EuroStoxx 50 IBEX DAX CAC MIB	21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981	0.3 0.2 -0.3 0.0 -0.1 -0.4 -0.1 -0.3 -0.5	-0.3 0.1 -0.5 0.4 0.5 0.2 0.3 0.3 1.9	-1 1 0 -2 -3 -4 -2 -2 1	6 7 2 2 4 11 7 5
SAP500 Dowl Jones Nated FTSE 100 EuroStoux 50 IBCX OAX CAC CAC ASE MIBB ASE Athens MSGI Latam*	21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 837 76,000	0.3 0.2 -0.3 0.0 -0.1 -0.4 -0.1 -0.3 -0.5 -0.7	-0.3 0.1 -0.5 0.4 0.5 0.2 0.3 0.3 1.9 1.7 0.9	-1 1 0 -2 -3 -4 -2 -2 -1 8 0	6 7 2 2 4 11 7 5 7 27 4
SAPSOO Down Jones Niked FTEST 100 EuroStoux 50 BIBCX DAX CAR CAR ASE Afters MSCI Latam* Ibovespa (Brazil) Medool	21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 837 76,000 62,523 49,854	0.3 0.2 -0.3 0.0 -0.1 -0.4 -0.1 -0.3 -0.5 -0.7 -0.9 0.1 -0.3	0.3 0.1 0.5 0.4 0.5 0.2 0.3 0.3 1.9 1.7 0.9 0.6 0.0	-1 1 0 -2 -3 -4 -2 -2 1 8 0 -1 1	6 7 2 2 4 111 7 5 7 27 4 2 7
S&P500 Dow Jones Nöket FTES 100 EuroStoux 50 BIBCX DAX CAC MIST MIST Bloreaga Blazel Mondrd MSG DR Europe Peland	21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 837 76,000 62,523 49,854 4,878 2,301	0.3 0.2 -0.3 0.0 -0.1 -0.4 -0.1 -0.3 -0.5 -0.7 -0.9 0.1 -0.3 -0.2 0.0	-0.3 0.1 -0.5 0.4 0.5 0.2 0.3 0.3 1.9 -0.6 0.0 0.9 0.1	-1 1 0 -2 -3 -4 -2 -2 1 8 0 -1 1 2	6 7 2 2 4 111 7 5 7 27 4 2 7 -3
\$4500 Dow Jones Niklei FFES TOO Fundinus 50 BIEX CAC GAC MB ASE Afters MSG Latam* Boverage Biezel Mondo Marupe MGC MB Larope *	21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 837 76,000 62,523 49,854 4,878 2,301 1,906	0.3 0.2 -0.3 0.0 -0.1 -0.4 -0.1 -0.3 -0.5 -0.7 -0.9 0.1 -0.3 -0.5 -0.7 -0.9 -0.1 -0.3 -0.5 -0.7 -0.9 -0.1 -0.3 -0.5 -0.7 -0.9 -0.1 -0.3 -0.5 -0.7 -0.9 -0.1 -0.3 -0.5 -0.7 -0.9	-0.3 0.1 -0.5 0.4 0.5 0.2 0.3 0.3 1.9 1.7 0.9 -0.6 0.0 0.9 0.1 1.4	-1 1 0 -2 -3 -4 -2 -2 -2 1 8 0 -1 1 2	6 7 2 2 4 111 7 5 7 27 4 2 7 -3 15
SAP500 Dow Jones Nikels FEST-100 Eurodisous 50 BIOX MIB ASK Afters MSG Latum* Blowcras Blazze Blowcras Blazze Mod CM Kurope* MIGHT GUILLER MIGHT GUILLER MIGHT GUILLER Blowcras Blazze Blowcras Blowcr	21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 837 76,000 62,523 4,878 2,301 1,906 100,370 822	0.3 0.2 -0.3 0.0 -0.1 -0.4 -0.1 -0.3 -0.5 -0.7 -0.9 0.1 -0.3 -0.2 -0.9 -0.1 -0.3 -0.2	-0.3 0.1 -0.5 0.4 0.5 0.2 0.3 0.3 1.9 1.7 0.9 -0.6 0.0 0.9 0.1 1.4 -0.1 -0.3	-1 1 0 -2 -3 -4 -2 -2 1 8 0 -1 1 1 2 0 2	6 7 2 4 111 7 5 7 27 4 2 7 -3 15 -16 32 18
SAPPBO Dow Jones Nikel FFEE TO EuroSteas 50 BIBCX BIBCX GAR BIBCX CAC CAC MB MB ASS Afters MSCL Latura* Iboverpa Blanzib Mochad Europe* Policial Responsib Mochad Europe* Among March Mochad Mochad Europe* Among Mochad Europe Among Mochad Among Moc	21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 837 76,000 62,523 4,878 2,301 1,906 100,370 822 3,218 5,815	0.3 0.2 -0.3 0.0 -0.1 -0.4 -0.1 -0.3 -0.5 -0.7 -0.9 0.1 -0.3 -0.2 0.0 -0.9 -0.3 -0.2 -0.0 -0.9 -0.1 -0.4 -0.5 -0.7 -0.9 -0.1 -0.5 -0.7 -0.9 -0.1 -0.2 -0.0 -0.0 -0.1 -0.2 -0.0 -0.1 -0.2 -0.0	0.3 0.1 0.5 0.2 0.3 0.3 1.9 1.7 0.9 0.6 0.0 0.9 0.1 1.4 0.1 0.3 0.3	-1 1 0 -2 -3 -4 -2 -2 1 8 0 -1 1 1 2 0 2 3	6 7 2 4 4 111 7 5 7 27 4 2 7 3 15 -16 32 18 2 10
S&P500 Dow Jones Nikide FFES TOD EuroStox SO BIBOX DO CC EuroStox SO BIBOX DO CC EuroStox SO BIBOX DO CC EuroStox SO BIBOX BIB	21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 837 76,000 62,523 49,854 4,878 2,301 1,906 100,370 822 3,218 5,815 level	0.3 0.2 -0.3 0.0 -0.1 -0.4 -0.1 -0.3 -0.5 -0.7 -0.9 -0.1 -0.3 -0.2 -0.9 -0.3 -0.2 -0.2 -0.2 -0.2 -0.1 -0.3	-0.3 0.1 -0.5 0.4 0.5 0.3 0.3 1.9 1.7 0.9 -0.6 0.0 0.9 0.1 1.4 -0.1 -0.3 0.8 -0.3 -0.9 -0.4 -0.5 -0.9 -0.5 -0.9 -	-1 1 1 0 -2 -3 4 -4 -2 -2 1 8 0 -1 1 2 0 2 3 1 1 2 2 Monthly 8	6 7 2 4 111 7 5 7 27 4 2 7 -3 15 -16 32 18 2 10 VTD
\$4500 Dow Jones Nake **FEE TO THE TO	21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 837 76,000 62,523 49,854 4,878 2,301 1,906 100,370 822 3,218 5,815 betal	0.3 0.2 -0.3 0.0 -0.1 -0.4 -0.1 -0.3 -0.5 -0.7 -0.9 0.1 -0.3 -0.2 -0.9 -0.3 -0.2 -0.2 -0.2 -0.2	0.3 0.1 0.5 0.2 0.3 0.3 1.9 1.7 0.9 0.6 0.0 0.9 0.1 1.4 0.1 0.3 0.3	-1 1 0 -2 -3 -4 -2 -2 1 8 0 -1 1 2 0 2 3 1 2	6 7 2 4 4 111 7 5 7 27 4 2 7 3 15 -16 32 18 2 10
SAPPBO Dow Jones Notes Notes FFEE TOO SE LOW JONES DAY CAC CAC MAN MB ASE Althers MACL Latem MCL	21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 837 76,000 62,523 49,854 4,878 2,301 1,906 100,370 822 3,218 5,815 level 124,9 93,5 67,7 24,8	0.3 0.2 0.3 0.0 0.1 0.4 0.1 0.3 0.5 0.7 0.9 0.1 0.3 0.2 0.0 0.9 0.3 0.2 0.2 0.2 0.2 0.2 0.1 0.1 0.1 0.2 0.1 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	-0.3 0.1 -0.5 0.4 0.5 0.2 0.3 0.3 1.9 1.7 0.9 -0.6 0.0 0.9 0.1 1.4 -0.1 -0.3 0.8 -0.3 Weekly 2.3 2.3 1.3 2.1	-1 1 0 -2 -3 -4 -2 -2 -2 1 8 0 -1 1 2 0 2 3 1 2 2 0 -2 1 2 1 2 2 1 1 2 2 3 1 1 1 2 2 3 1 1 2 2 3 1 1 2 2 3 1 2 3 1 2 2 3 1 3 1	6 7 2 2 4 111 7 5 7 27 4 2 7 -3 15 -16 32 18 2 10 YTD 4 8 10 8
SAPPBO Dow Jones Nikel FFEE TOO Eurodisous 50 BIOX BIOX BIOX CAC CAC MISS MAG Latura* BOYCHARD BOYCHARD MISS ASS Afters MACL Latura* BOYCHARD BOYCHARD MISS ASS Afters MACL MISS ASS Afters MACL MISS ASS ASS ASS ASS ASS ASS ASS ASS ASS	21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 837 76,000 62,523 49,854 4,878 2,301 1,906 100,370 822 3,218 5,815 icvel 124,9 93,5 67,7 24,8 46,2 46,2 46,2 46,2 46,2 46,2 46,2 46,2	0.3 0.2 -0.3 0.0 -0.1 -0.4 -0.1 -0.3 -0.5 -0.7 -0.9 0.1 -0.3 -0.2 0.0 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2	-0.3 0.1 -0.5 0.4 0.5 0.2 0.3 0.3 1.9 1.7 0.9 0.1 1.4 -0.1 -0.3 0.8 -0.3 Weekly 2.3 2.3 2.1 3.7 2.0	-1 1 0 -2 -3 -4 -2 -2 -1 8 0 -1 1 2 0 2 3 1 2 2 Monthly 8 11 9 10 7	6 7 2 2 4 11 7 5 7 27 4 2 7 -3 15 -16 32 10 YTD 4 8 6 -7
SAPPBO DOWN JONES NOSE NOSE NOSE NOSE NOSE NOSE NOSE	21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 837 76,000 62,523 4,878 2,301 1,906 100,370 822 3,230 110,370 821 124,9 93,5 67,7 24,8 46,2 26,3 115,9 66,6	0.3 0.2 0.3 0.0 0.1 0.4 0.1 0.3 0.0 0.1 0.3 0.0 0.1 0.3 0.0 0.1 0.3 0.2 0.0 0.9 0.1 0.2 0.2 0.2 0.2 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.3	-0.3 0.1 0.5 0.4 0.5 0.2 0.3 0.3 1.9 1.7 0.9 0.6 0.0 0.9 0.1 1.4 -0.3 0.8 Weekly 2.3 1.3 2.1 3.7 2.0 4.3	-1 1 0 -2 -3 -4 -2 -2 -1 1 8 0 -1 1 2 0 0 2 3 1 1 2 2 2 Morathy 8 11 1 9 10 7 7 5 6 3 3	6 7 2 2 4 111 7 5 7 7 2 7 4 2 7 -3 3 15 -16 2 10 10 10 10 10 10 10 10 10 10 10 10 10
SAPPBO Down Jones Naker	21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 837 76,000 62,523 49,854 4,878 2,301 1,906 100,370 822 3,218 5,815 1549 124,9 93,5 67,7 24,8 46,2 226,3 115,9 93,5 67,7 24,8 46,2 226,3 115,6 116,6 116,6	0.3 0.2 0.3 0.0 0.1 0.4 0.1 0.3 0.5 0.7 0.9 0.1 0.3 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	-0.3 0.1 0.5 0.5 0.2 0.3 1.9 0.6 0.0 0.0 0.1 1.4 0.1 1.4 0.1 1.4 0.3 0.3 1.9 0.3 1.9 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	-1 1 0 -2 -3 -4 -2 -2 -2 1 8 0 -1 1 2 2 3 1 1 2 2 2 Monthly 8 11 1 9 10 7 7 5 6 6 3 5 7 7	6 7 2 2 2 4 111 7 5 7 7 27 4 2 7 7 -3 15 -116 32 2 18 10 YTD 4 8 10 8 6 -7 10 4 19 2 2
SAPPBO DOWN JONES NASE NASE NASE NASE FIEST COM SA DAX CAC DAX CAC DAX CAC DAX MRG Latura NASC Latura	21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 837 76,000 62,523 49,854 4,878 2,301 1,906 100,370 822 3,218 5,815 1,249 93.5 67,7 24.8 46,2 226,3 115,9 65,6 14,6 16,6 16,6 16,6 16,6 16,6 18,6	0.3 0.2 -0.3 0.0 0.1 -0.4 -0.1 -0.3 -0.5 -0.9 -0.3 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2	-0.3 0.1 0.5 0.4 0.5 0.2 0.3 1.9 1.7 0.9 0.6 0.0 0.0 0.9 0.1 1.4 0.1 0.3 0.8 0.3 1.3 2.3 2.3 3.7 4.0 4.3 4.0 3.9	-1 1 0 0 -2 -3 -4 -4 -2 -2 -1 1 8 0 -1 1 1 2 0 0 -2 3 3 1 1 2 2 2 8 2 2 8 11 9 9 10 7 7 5 5 6 6 3 5 5	6 7 2 2 2 4 111 7 5 7 7 27 4 4 2 7 3 15 16 32 18 2 10 YTD 4 8 6 6 7 10 4 19
SAPPBO Dow Jones Notes Notes FFEE TOD CAUCHOUS SO CAUC	21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 837 76,000 62,523 49,854 4,878 2,301 1,996 100,370 822 3,218 5,815 level 124,9 93,5 67,7 24,8 46,2 226,3 115,9 66,2 115,9 67,7 24,8 46,2 26,1 46,2 26,1 46,2 26,1 46,2 26,1 46,2 26,1 46,2 26,1 46,2 26,1 46,2 46,2 46,2 46,2 46,2 46,2 46,2 46,2	0.3 0.2 0.3 0.0 0.1 0.4 0.1 0.4 0.1 0.5 0.7 0.9 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.1 0.1	-0.3 0.5 0.5 0.2 0.3 0.3 1.9 0.6 0.0 0.3 1.7 0.9 0.1 1.4 0.3 0.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2	-1 1 0 -2 -3 -4 -2 -2 1 8 0 -1 1 1 2 0 0 2 3 1 1 2 2 2 2 Monthly 8 1 1 1 9 9 1 0 7 7 5 6 6 3 3 5 7 4 4 12 5 5	6 7 2 2 4 4 11 7 5 7 7 27 4 4 2 7 3 3 15 15 3 2 18 8 6 7 7 10 10 10 10 10 10 10 10 10 10 10 10 10
SAPPSO DOWN JONES NOVE NOVE NOVE NOVE NOVE NOVE NOVE NOVE	21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 837 76,000 62,523 4,887 4,878 2,301 822 3,218 5,815 bed 124,9 93,5 67,7 24,8 46,2 2,2 3,2 115,9 67,7 24,8 46,2 2,2 3,1 15,6 16,6 16,6 16,6 16,6 16,6 16,6 16	0.3 0.2 0.3 0.0 0.1 0.4 0.1 0.3 0.5 0.7 0.9 0.3 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	-0.3 0.1 0.5 0.4 0.5 0.2 0.3 0.3 0.3 1.9 1.7 0.9 0.6 0.0 0.0 0.1 1.4 0.3 0.3 2.3 2.1 2.3 2.3 2.1 3.7 2.0 4.3 3.9 2.3 4.0 3.9 3.9 4.0 3.9 3.9 4.0 3.9 4.0 3.9 4.0 3.9 4.0 3.9 4.0 3.9 4.0 3.9 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0	-1 1 0 2 -3 -4 -2 -2 1 8 0 -1 1 1 2 0 0 2 3 1 1 2 2 2 1 1 8 8 11 9 10 7 7 5 6 6 3 5 7 7 4 12 5 5 12 1 1	6 7 2 2 4 4 11 7 5 5 7 27 4 4 2 7 -3 15 -16 3 3 2 18 2 10 10 10 10 10 10 10 10 10 10 10 10 10
SAPPSO DOWN JONES NOVES NOVES NOVES NOVES DOWN JONES DO	2.13.66 10.460 10.37 10.47 10.	0.3 0.2 0.3 0.0 0.1 0.4 0.1 0.3 0.5 0.7 0.9 0.1 0.3 0.2 0.0 0.1 0.1 0.1 0.3 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.3 0.6 0.4 0.3 0.6 0.4 0.5 0.6 0.6 0.6 0.6 0.7 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-0.3 0.1 -0.5 0.2 0.3 0.3 0.3 0.3 0.3 1.9 1.7 0.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.3 0.3	-1	6 7 2 2 4 4 111 7 7 5 7 7 27 4 2 2 7 3 18 8 6 7 10 10 10 10 10 10 10 10 10 10 10 10 10
SAPPOO DOW JONES NINES N	21,366 7,339 7,339 10,460 10,460 10,460 62,523 837 6,000 62,523 837 1,966 62,523 822 10,400 822 10,100,370 822	0.3 0.2 0.3 0.0 0.0 0.1 0.4 0.1 0.3 0.5 0.7 0.9 0.3 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.3 0.4 0.4 0.3 0.3 0.6 0.4 0.4 0.3 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	-0.3 0.1 -0.5 0.2 0.3 0.3 0.3 0.3 0.3 1.9 1.7 0.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.1 1.4 -0.1 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.0 0.0	-1	6 7 2 2 4 4 111 7 7 5 7 7 27 4 2 2 7 3 18 8 6 7 10 10 10 10 10 10 10 10 10 10 10 10 10
SAPPOO DOW JONES NINDER NINDER NINDER STEEL TOO DOW JONES NINDER STEEL TOO DOW DOW DOW DOW DOW DOW DOW DOW DOW D	21,366 7,339 7,339 10,460 10,460 10,460 62,523 837 7,6000 62,523 837 1,906 62,523 837 1,906 62,523 1,906 62,523 1,906 62,523 1,906 62,523 1,906 62,523 1,906 62,523 1,906 62,523 1,906 62,523 1,906 62,523 1,906 62,523 1,906 62,523 1,906 62,523 1,906 63,636 64,636 65,738 66,738	0.3 0.2 0.3 0.0 0.1 0.3 0.5 0.5 0.7 0.9 0.1 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	-0.3 -0.5 -0.5 -0.5 -0.5 -0.3 -0.3 -0.3 -0.3 -0.7 -0.9 -0.0 -0.1 -0.1 -0.1 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3	-1 1 0 -2 -3 4 -4 -2 -2 -2 1 8 8 -1 1 1 2 0 0 2 3 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	6 7 2 2 4 111 7 5 7 7 27 4 4 2 7 7 3 15 1-16 32 18 2 2 10 4 8 8 10 8 6 7 7 10 14 19 2 2 12 12 12 12 12 12 12 13 3 15 15 15 15
SAPPSO DOWN JONES NOVE IN STATE OF THE SAPE OF THE SAP	2.1,366 7.339 7.339 7.339 7.34	0.3 0.2 0.3 0.0 0.1 0.4 0.4 0.5 0.7 0.9 0.1 0.3 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	-0.3 0.1 -0.5 0.2 0.3 0.3 0.3 1.9 1.7 0.9 0.0 0.0 0.0 0.0 0.1 1.4 0.1 0.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2	-1 1 0 2 3 4 4 2 2 2 1 1 8 0 0 -1 1 1 2 2 3 1 1 2 2 2 2 2 2 2 2 2 2 2 2	6 7 2 2 4 11 1 7 5 7 7 27 4 2 7 7 3 15 15 10 8 8 6 7 7 10 4 8 8 6 7 7 10 4 2 12 12 3 3 12 12 12 3 3 15 15
SAPPSO DOWN JONES NOVE STORY NOVE	2.13,66 19,929 7,339 10,460 10	0.3 0.2 0.3 0.0 0.1 0.4 0.4 0.5 0.5 0.7 0.9 0.1 0.1 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	-0.3 0.1 -0.5 0.1 -0.5 0.2 0.3 0.9 0.3 1.9 0.6 0.0 0.0 0.1 1.7 0.9 0.6 0.0 0.0 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.9 0.1 1.7 0.9 0.9 0.9 0.1 1.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-1 1 0 -2 -3 -4 -2 -2 1 8 0 -1 1 2 2 0 1 1 2 2 2 1 1 2 2 2 2 2 3 3 3 3 3 3	6 7 2 4 4 11 7 7 7 4 2 7 7 3 15 13 8 6 7 7 10 10 8 8 6 7 7 10 10 2 12 12 12 12 13 15 15 15 15 15 15 13 30
SAPPOO DOW JONES NOVES N	2.13,66 19,929 7,339 10,460 10,460 10,460 10,460 10,460 10,370 10,460 10,370 10,460 10,370 10,470 10	0.3 0.2 0.3 0.0 0.4 0.1 0.3 0.5 0.5 0.7 0.9 0.1 0.3 0.5 0.5 0.7 0.9 0.1 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	-0.3 0.1 -0.5 0.1 -0.5 0.2 0.3 0.9 0.3 1.9 0.6 0.0 0.0 0.1 1.7 0.9 0.6 0.0 0.0 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.9 0.1 1.7 0.9 0.9 0.9 0.1 1.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-1 1 0 -2 -3 -4 -2 -2 1 8 0 -1 1 1 2 0 0 2 3 1 1 2 2 2 1 1 1 2 2 2 2 2 2 2 2 2 2	6 7 2 2 4 111 7 5 7 7 27 4 2 7 3 15 10 0 10 8 6 7 7 10 10 10 10 10 10 10 10 10 10 10 10 10
SAPPOO DOWN JONES NINES	2.1.366 10.462 17.339 10.460 10.462 1	0.3 0.2 0.3 0.0 0.0 0.1 0.1 0.3 0.5 0.7 0.9 0.1 0.3 0.5 0.7 0.9 0.1 0.3 0.5 0.7 0.9 0.1 0.3 0.5 0.7 0.9 0.1 0.3 0.5 0.7 0.9 0.1 0.3 0.5 0.7 0.9 0.1 0.3 0.6 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-0.3 (1.3) (1.6) (-1 1 0 -2 -3 -4 -2 -2 -2 1 8 0 -1 1 1 2 0 0 2 3 1 1 1 2 2 0 1 1 1 2 2 3 1 1 1 2 2 3 1 1 1 2 2 3 1 1 1 2 2 3 3 1 1 1 9 1 1 0 0 -5 1 2 2 3 3 3 4 4 0 0 6	6 7 2 2 4 4 111 7 5 5 7 27 4 4 2 7 3 15 16 32 18 2 10 10 17 10 4 8 6 6 7 10 14 19 2 12 12 3 3 24 2 9 9 10 -12 3 3 15 15 15 15 15 13 3 30 34
SAPPSO DOWN JONES NOVE NOVE TO STANDARD BEX CAC MISS. BEX CAC MISS. MISS	2.1.366 10.462 17.339 10.460 10.462 1	0.3 0.2 0.3 0.4 0.5 0.6 0.7 0.9 0.7 0.9	-0.3 0.1 -0.5 0.1 -0.5 0.2 0.3 0.3 1.9 1.7 0.9 0.1 1.7 0.9 0.1 0.0 0.0 0.0 0.1 1.3 1.3 2.1 1.3 2.1 2.0 0.3 2.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3	-1 1 0 -2 -3 -4 -2 -2 1 8 0 -1 1 1 2 0 0 2 3 1 1 2 2 2 1 1 1 2 2 2 2 2 2 2 2 2 2	6 7 2 2 4 111 7 5 7 7 27 4 2 7 3 15 10 0 10 8 6 7 7 10 10 10 10 10 10 10 10 10 10 10 10 10
SAPPSOO DOWN JONES NOVES	2.1.366 11.9.229 7.339 7.339 12.367 12.367 12.367 12.367 12.367 12.367 13.367 1	0.3 0.2 0.3 0.4 0.1 0.3 0.5 0.3 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	-0.3 -0.1 -0.5 -0.5 -0.2 -0.3 -0.9 -0.3 -0.9 -0.6 -0.7 -0.9 -0.6 -0.7 -0.9 -0.6 -0.7 -0.9 -0.7 -0.9 -0.7 -0.9 -0.7 -0.9 -0.7 -0.9 -0.7 -0.9 -0.7 -0.9 -0.7 -0.9 -0.7 -0.9 -0.7 -0.9 -0.7 -0.9 -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	-1 1 0 -2 -3 -4 -2 -2 -2 1 8 0 0 1 1 1 2 2 0 0 0 2 3 3 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	6 7 2 4 4 111 7 5 7 7 7 3 15 146 8 6 7 100 8 8 6 7 100 8 8 6 7 100 4 19 2 12 12 13 15 15 15 15 15 15 15 15 15 15 15 15 15
SAPPSO DOWN JONES NOVE STORY NOVE	2.1.366 19.929 7.339 10.460 10	0.3 0.2 0.3 0.4 0.1 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	-0.3 -0.1 -0.5 -0.4 -0.5 -0.2 -0.3 -0.9 -0.3 -0.9 -0.6 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0	-1 1 0 -2 -3 -4 -2 -2 -2 1 8 0 0 1 1 1 2 2 0 0 2 3 1 1 1 2 2 0 0 1 1 1 1 2 2 0 0 1 1 1 1 2 2 0 0 1 1 1 1	6 7 2 2 4 1 1 1 7 7 2 7 4 2 7 7 3 1 1 5 1 5 1 6 8 6 7 7 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPPOO DOW JONES NAVES N	2.1.366 11.9.29 2.339 2.339 12.339 12.339 12.339 12.339 12.339 12.339 12.339 12.339 12.339 12.339 12.339 12.339 12.339 12.339 12.339 12.349 12.349 12.349 13	0.3	-0.3 -0.1 -0.5 -0.1 -0.5 -0.2 -0.3 -0.3 -0.7 -0.9 -0.6 -0.0 -0.9 -0.6 -0.1 -0.1 -0.1 -0.1 -0.3 -0.3 -0.1 -0.1 -0.1 -0.3 -0.5 -0.6 -0.9 -0.6 -0.9 -0.6 -0.9 -0.6 -0.9 -0.6 -0.9 -0.6 -0.9 -0.6 -0.1 -0.1 -0.1 -0.3 -0.5 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6	-1 1 0 -2 -3 4 4 -4 -2 2 1 1 1 1 2 2 0 -1 1 1 2 2 0 1 1 1 1 2 2 2 1 1 1 1 1 2 2 2 2	6 7 2 2 4 11 7 7 2 7 4 2 7 7 3 15 15 15 10 10 4 19 9 10 12 2 12 2 3 15 15 15 15 15 15 15 15 15 15 15 15 15
SAPPSOD DOWN JONES NOVEL	2.1.366 19.929 7.339 7.339 19.929 7.339 10.460 10.370 10.3	0.3 0.2 0.3 0.4 0.1 0.3 0.5 0.5 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	-0.3	-1 1 0 -2 -3 -4 -2 2 -2 1 1 8 0 0 -1 1 2 -2 3 1 1 2 2 3 1 1 2 2 3 1 1 2 2 2 3 1 1 1 9 0 1 0 7 7 5 6 6 3 3 5 7 4 1 1 7 7 1 0 0 6 6 0 7 1 1 0 0 6 6 0 7 0 6 6 0 7 0 6 6 0 7 0 7 0 7	6 7 2 2 4 1 1 7 7 7 2 7 4 2 7 7 3 15 15 15 15 15 15 15 15 15 15 15 15 15
SAPPSO DOWN JONES NAME NAME OF THE SAPE OF	2.1.366 19.929 7.339 10.12.367 11.302 12.367	0.3 0.2 0.2 0.3 0.3 0.3 0.5 0.5 0.9 0.1 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	0.31 0.50 0.10 0.50 0.40 0.50 0.20 0.30 0.30 0.30 0.30 0.30 0.30 0.3	-1 1 0 2 2 3 4 4 2 2 1 1 1 2 2 0 1 1 1 2 2 2 2 1 1 1 2 2 2 2	6 7 2 4 4 1 1 7 7 5 7 7 5 7 7 3 15 15 10 0 8 8 6 7 7 10 4 4 1 10 10 10 10 10 10 10 10 10 10 10 10 1
SAPPSO DOWN JONES NINES	2.1.366 11.9.29 2.339 12.339 12.339 12.339 12.339 12.339 12.339 12.339 12.339 12.339 12.339 12.339 12.339 12.339 12.339 12.339 12.349 12.349 12.349 13.349 1	0.3	0.3 0.3 0.3 0.3 0.3 0.3 0.9 0.9 0.0 0.1 1.4 0.1 1.3 0.3 0.8 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3	-1 1 0 2 -2 -3 4 4 -4 -2 -2 1 1 8 0 -1 1 1 2 2 3 1 1 2 2 3 1 1 2 2 3 1 1 2 2 3 1 1 2 2 3 1 1 2 2 3 3 1 1 2 2 3 3 1 1 2 2 3 3 1 1 2 2 3 3 1 1 2 2 3 3 1 1 2 3 3 1 1 2 3 3 1 1 1 1	6 7 2 2 4 4 1 1 7 7 7 7 7 7 7 7 7 7 4 2 7 7 7 3 3 15 5 16 6 32 8 8 6 6 7 10 0 8 8 6 6 7 10 8 8 6 7 10 8 8 6 7 10 8 8 6 7 10 8 10 8 10 8 10 8 10 8 10 8 10 8 10
SAPPSOO DOWN JONES NAME OF THE TOTAL OF THE	2.1.366 11.9.29 2.3.30 12.30 1	0.3	0.31 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.5	-1 1 0 2 3 4 4 2 2 2 1 8 8 0 -1 1 2 2 3 1 1 2 2 3 1 1 2 2 2 3 1 1 2 2 2 3 1 1 2 2 2 3 1 1 2 2 2 3 1 1 2 2 2 3 1 1 2 2 3 3 1 4 0 0 6 6 2 3 3 3 4 0 0 6 6 1 0 0 7 3 6 0 7 3 6 0 7 3 6 6 1 0 0 7 3 6 6 1 0 0 7 3 6 6 1 1 0 0 7 3 6 6 1 1 0 0 7 3 6 6 1 1 0 0 7 3 6 6 1 1 0 0 7 3 6 6 1 1 0 0 7 3 6 6 1 1 0 0 7 3 6 6 1 1 0 0 7 3 6 6 1 1 0 0 7 3 6 6 1 1 0 0 7 3 6 6 1 1 0 0 7 3 6 6 1 1 0 0 7 3 6 6 1 1 0 0 7 3 6 6 1 1 0 0 7 3 6 6 1 1 0 0 7 3 6 6 1 1 0 0 7 3 6 6 1 1 0 0 7 3 6 6 1 1 0 0 7 3 6 6 1 1 0 0 7 3 6 6 1 1 0 0 7 3 6 1 0 0 0 7 3 6 1 0 0 0 7 3 6 1 0 0 0 7 3 6 1 0 0 0 7 3 6 1 0 0 0 0 7 3 6 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6 7 2 2 4 4 11 1 7 7 5 7 7 4 2 2 7 3 15 5 15 1 1 1 1 1 1 2 1 2 1 1 1 1 1 1 1
SAPPSOO DOWN JONES NOONE	2.1.366 19.029 7.339 7.339 19.029 7.339 10.460 10.367 6.050 10.367 6.050 10.367 6.050 10.367 6.050 10.367 6.050 10.367 6.050 10.367 6.050 10.370 10.3	0.3	0.3 0.3 0.3 1.9 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	-1 1 0 2 3 3 4 4 2 2 2 1 1 8 0 0 1 1 1 2 2 3 3 1 1 2 2 2 2 1 1 1 9 1 1 0 7 7 5 6 6 3 3 5 7 4 1 1 2 2 3 3 3 4 4 0 6 6 1 1 1 1 1 7 7 1 1 0 0 -5 2 3 3 3 4 4 0 6 6 0 7 1 1 1 0 0 7 7 1 1 0 0 7 7 1 1 0 7 7 1 1 0 7 7 1 1 1 1	6 7 2 2 4 4 111 7 7 5 7 7 27 4 2 7 7 3 15 13 8 10 8 6 7 7 10 11 10 11 11 11 11 11 11 11 11 11 11
SAPPSO DOWN JONES NOVE STORY NOVE	2.1.366 11.9.29 2.339 12.339 12.339 12.339 12.339 12.339 12.339 12.339 12.339 12.339 12.339 12.339 12.339 12.339 12.339 12.339 12.349 12.349 12.349 12.349 13.349 1	0.3	0.3 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	-1 1 0 2 2 3 3 4 4 2 2 2 1 1 2 2 3 3 3 1 1 2 2 2 3 3 3 3 1 2 2 3 3 3 3 3 3 3 3	6 7 2 2 4 4 11 7 7 5 7 7 22 7 3 15 5 2 2 10 10 8 6 6 7 10 4 8 8 6 7 10 4 10 10 10 10 10 10 10 10 10 10 10 10 10
SAPPOO DOWN JONES NAME NAME NAME NAME NAME NAME NAME NAME	2.1.366 11.9.29 17.339	0.3 (0.2 (0.2 (0.2 (0.2 (0.2 (0.2 (0.2 (0.2	0.31 0.50 0.60 0.60 0.70 0.70 0.70 0.70 0.70 0.7	-1 1 0 2 3 3 4 -2 2 2 1 1 1 2 2 3 3 3 1 1 1 9 9 1 1 1 1 2 5 5 5 7 7 1 1 1 2 5 1 2 1 1 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	6 7 2 2 4 4 111 7 7 5 7 7 27 7 3 15 5 7 7 146 8 8 6 6 7 10 4 8 8 10 0 14 11 12 2 10 12 12 12 12 13 15 15 15 15 15 15 15 15 15 15 15 15 15
\$48900 Down Jones Notes	2.1.366 19.929 2.3398 19.929 2.3398 10.460 12.367 13.638 20.991 13.9809 13.980	0.3 0.2 0.3 0.3 0.3 0.3 0.4 0.4 0.4 0.5 0.7 0.7 0.9 0.9 0.7 0.7 0.9 0.9 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	0.3 0.5 0.6 0.0 0.0 0.1 0.1 0.1 0.2 0.3 0.3 0.3 0.3 0.5 0.6 0.2 0.1 0.1 0.1 0.2 0.3 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	-1 1 0 2 3 3 4 4 4 2 2 2 1 1 1 2 2 3 3 3 1 1 1 9 1 7 7 7 4 4 1 1 1 1 0 5 5 7 7 7 4 4 1 1 1 0 5 6 6 1 3 3 5 7 7 7 4 4 1 1 1 0 0 7 0 7 0 7 0 7 0 7 0 7 0 7 0 7	6 7 2 2 4 4 11 7 7 5 7 7 4 2 2 7 3 15 5 15 10 10 11 12 12 12 12 12 12 12 12 12 12 12 12
SAPPERO DOWN JONES NOVEL	2.1.366 19.929 2.3398 19.929 2.3398 10.460 10.367 2.9391 2	0.3 0.2 0.3 0.3 0.3 0.3 0.4 0.4 0.4 0.5 0.7 0.9 0.9 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.3 0.3 0.6 0.6 0.6 0.7 0.9 0.9 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	0.31 0.50 0.50 0.60 0.70 0.70 0.70 0.70 0.70 0.70 0.7	-1 1 0 2 3 4 -2 -2 2 1 1 1 0 0 0 -1 1 1 0 0 0 0 0 0 0 0 0 0	6 7 2 2 4 4 111 7 7 5 7 7 27 27 27 27 27 27 18 2 2 18 2 2 10 10 14 15 15 15 15 15 15 15 15 15 15 15 15 15
SAPPSOO DOWN JONES NOVED THE STATE OF THE ST	2.1.366 11.9.29 17.339 18.301 12.307 12.301 12.307 12.301 10.460 12.307 12.301 12.301 12.301 10.460 12.307 12.301 12.301 10.460 12.301 10.460 12.301 10.460 12.301 10.460	0.3 0.2 0.3 0.2 0.3 0.3 0.4 0.4 0.4 0.5 0.7 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.3 0.3 0.3 1.9 1.0 0.6 0.0 0.0 0.1 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	-1	6 7 2 2 4 4 11 1 7 7 5 7 7 2 7 7 3 1 5 1 2 2 7 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPPERO DOWN JONES NASE NASE NASE NASE NASE NASE NASE N	2.1.3.66 1.1.2.67 1.2.60 1.2.67 1.2.60 1.2.67 1.2.60 1.2.67 1.2.60 1.2.6	0.3	0.31 0.50 0.60 0.70 0.70 0.70 0.70 0.70 0.70 0.7	-1	6 7 2 2 4 4 11 7 7 5 7 7 27 7 3 15 5 7 7 16 8 8 6 7 2 10 10 4 8 8 6 7 10 4 9 10 10 10 10 10 10 10 10 10 10 10 10 10
SAPPED DOWN JONES SAPPED DOWN	2.1.366 19.929 2.3319 19.929 2.3319 10.460 112.367 10.460 112.367 10.460 112.367 10.460 112.367 112.361 112.36	0.3 0.2 0.3 0.3 0.3 0.4 0.4 0.7 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.31 0.50 0.50 0.30 0.30 0.30 0.30 0.30 0.30	-1 1 0 2 3 4 4 2 2 2 1 1 8 8 0 1 1 1 2 2 0 2 3 3 1 1 2 2 2 Morethy 6 3 5 5 7 7 4 1 2 5 5 5 5 7 7 4 1 2 5 5 5 5 7 7 4 1 2 5 5 5 5 7 7 4 1 2 5 5 5 7 7 4 1 2 5 5 6 7 7 1 1 0 0 6 6 1 0 0 6 6 1 0 0 6 6 1 0 0 0 0	6 7 2 2 4 4 11 1 7 7 5 7 7 27 2 7 2 7 1 1 1 1 1 1 1 1 1 1 1 1
SAPPERO DOWN JONES NAME NAME NAME NAME NAME NAME NAME NAME	2.1.366 19.029 7.339 7.339 10.400 10.367 7.600 10.367 7.600 10.367 7.600 10.367 7.600 10.367 7.600 10.367 10.367 10.370 1	0.3	0.3 0.5 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	-1 1 0 2 3 3 4 4 2 2 2 1 1 1 2 2 2 3 3 3 4 4 2 2 2 3 3 3 4 4 4 4 4 4	6 7 2 2 4 4 11 1 7 7 5 7 7 2 7 7 1 3 1 5 1 2 2 7 1 3 1 5 1 2 2 1 0 1 1 0 1 1 2 1 2 1 2 1 2 1 2 1





	(10V % -	annos L	0)		
Debt markets Developed Markets US (2-yr)	(10Y, %, ch	anges in t Daily 0.1	Week	Month	YTD 18
US	2.38	1.1	1.3 7.3	20	-6
GER (2-yr) Germany	-0.61 0.56	-2.9 -0.6	9.0	12 29	17 28
France Spain	0.93 1.70	2.6	16.5	14	19
Italy Portugal	2.32 3.12	6.1	15.7 9.5	2	-105
Greece Japan (2-yr)	5.40 -0.10 0.09	3.3 -0.8 0.1	-2.0 1.7 4.0	-64 1	-148 9
Japan Emerging Markets Brazil		Daily	Weekly	2 Monthly	YTD
Chile	10.50 4.22	-2.6 0.0	-3.4 5.6	-33 18	-91 -11
Colombia Mexico	6.78 6.84	-2.5 -1.5	35.5 5.7	64 -28	-32 -80
Peru Poland	5.56 3.38	-2.3 -3.6	19.9 5.5	13 18	-91 -34
Russia Turkey	8.01 10.63	6.0 9.0	10.7 36.0	24 40	-44 -37
India Indonesia	6.53 7.17	-0.6	2.1	-4 22	15 -67
Country n	sk (bp, chang	es in bp)			
Developed Markets 10-yr sovereign spread vs Germany	level	Daily	Weekly	Monthly	YTD
France Italy	37 176	1.4 5.3	2.1 6.7	-5 -27	-16 17
Portugal Spain	257 115	6.7 3.2	0.5 7.5	-26 -15	-105 -1
2-yr sovereign spread vs Germany France	24	-2.4	3.9	2	13
Italy Portugal	49 72	2.4	2.4	-1 -23	-12 -75
Spain	42	-1.7	10.5	-4	-6
Emerging Markets 5-yr sovereign CDS *	level	Daily	Weekly	Monthly	YTD
Brazil Chile	241 68	2.7 1.6	1 2	8	-30 -14
Colombia Mexico	143 116	2.2	6	18	-21 -41
Peru	88	1.3	1	-3	-20
Venezuela Poland	4,296 61	72.3 0.0	93	470 -4	390 -14
Russia Turkey	177 204	2.8	8 12	25 12	0 -69
China India	72 90	0.1	1 2	-3	-45 -37
Indonesia	121	1.4	4	0	-35
Volatilty indicators (%)	sk indicators level	Daily	Weekly	Monthly	YTD
VIX VST OXX	12 15	-5.0 -1.7	7 -12	15 4	-1
EM EFT volatility Index Dollar/euro volatility	18	-0.7	12	11	-12 -34
EM FX volatility index	8	0.9	2	-2	-28
Credit spread (BAA) (bps) US bonds volatility index	203 57	-1.1 0.9	-2 3	-19 4	-24 -25
Banking 5y CDS (bps) * US	level 53	Daily 0.3	Weekly 0	Monthly -8	YTD -19
EZ UK	57 49	1.2	0	-25 -19	-50 -41
Large Spanish	59 98	1.1	2	-19 -31 -100	-41 -58 -53
Medium Spanish Corporate 5y CDS (bps) *	level	-0.5 Daily	-2 Weekly	Monthly	YTD
US Non-financial EZ Non-financial	143 81	0.3 1.2	0	-8 -25	-19 -50
UK Non-financial Interbank ma	114	0.4 inges in b	0	-1	-11
	level	Daily	Weekly	Monthly	YTD
EONIA Index Euribor 3 m	-0.36 -0.33	0.00	0.0	0.0	0.0
Euribor 12m	-0.16 1.30	0.00	0.0	0.0	-0.1 0.3
Libor 3m Libor 12m EZ TED spread 3m	1.75	0.00	0.0	0.0	0.1
	k markets (70.9	51.7	30.4
Main indices	level	Daily	Weekly	Monthly	YTD
S&P500 Dow Jones	2,417 21,366	0.3	-0.3 0.1	-1 1	6 7
S&P500 Dow Jones Nikkei FTSE 100	21,366 19,929 7,339	0.3 0.2 -0.3 0.0	-0.3 0.1 -0.5	-1 1 0 -2	6 7 2 2
S&P500 Dow Jones Nikkei	21,366 19,929 7,339 3,458	0.3 0.2 -0.3	-0.3 0.1	-1 1 0	6 7 2
S&P500 Dow Jones Nikkei FTSE 100 EuroStoxx 50 IBEX DAX	21,366 19,929 7,339 3,458 10,460 12,367	0.3 0.2 -0.3 0.0 -0.1 -0.4 -0.1	-0.3 0.1 -0.5 0.4 0.5 0.2 0.3	-1 1 0 -2 -3 -4 -2	6 7 2 2 4 11 7
SAP500 Dow Jones Nildoi FTSE 100 EuroStoxx 50 IBEX DAX CAC MIB	21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981	0.3 0.2 -0.3 0.0 -0.1 -0.4 -0.1 -0.3 -0.5	-0.3 0.1 -0.5 0.4 0.5 0.2 0.3 0.3 1.9	-1 1 0 -2 -3 -4 -2 -2 1	6 7 2 2 4 11 7 5
SAP500 Dowl Jones Nated FTSE 100 EuroStoux 50 IBCX OAX CAC CAC ASE MIBB ASE Athens MSGI Latam*	21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 837 76,000	0.3 0.2 -0.3 0.0 -0.1 -0.4 -0.1 -0.3 -0.5 -0.7	-0.3 0.1 -0.5 0.4 0.5 0.2 0.3 0.3 1.9 1.7 0.9	-1 1 0 -2 -3 -4 -2 -2 -1 8 0	6 7 2 2 4 11 7 5 7 27 4
SAPSOO Down Jones Niked FTEST 100 EuroStoux 50 BIBCX DAX CAR CAR ASE Afters MSCI Latam* Ibovespa (Brazil) Medool	21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 837 76,000 62,523 49,854	0.3 0.2 -0.3 0.0 -0.1 -0.4 -0.1 -0.3 -0.5 -0.7 -0.9 0.1 -0.3	0.3 0.1 0.5 0.4 0.5 0.2 0.3 0.3 1.9 1.7 0.9 0.6 0.0	-1 1 0 -2 -3 -4 -2 -2 1 8 0 -1 1	6 7 2 2 4 111 7 5 7 27 4 2 7
S&P500 Dow Jones Nöket FTES 100 EuroStoux 50 BIBCX DAX CAC MIST MIST Bloreaga Blazel Mondrd MSG DR Europe Peland	21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 837 76,000 62,523 49,854 4,878 2,301	0.3 0.2 -0.3 0.0 -0.1 -0.4 -0.1 -0.3 -0.5 -0.7 -0.9 0.1 -0.3 -0.2 0.0	-0.3 0.1 -0.5 0.4 0.5 0.2 0.3 0.3 1.9 -0.6 0.0 0.9 0.1	-1 1 0 -2 -3 -4 -2 -2 1 8 0 -1 1 2	6 7 2 2 4 111 7 5 7 27 4 2 7 -3
\$4500 Dow Jones Niklei FFES TOO Fundinus 50 BIEX CAC GAC MB ASE Afters MSG Latam* Boverage Biezel Mondo Marupe MGC MB Larope *	21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 837 76,000 62,523 49,854 4,878 2,301 1,906	0.3 0.2 -0.3 0.0 -0.1 -0.4 -0.1 -0.3 -0.5 -0.7 -0.9 0.1 -0.3 -0.5 -0.7 -0.9 -0.1 -0.3 -0.5 -0.7 -0.9 -0.1 -0.3 -0.5 -0.7 -0.9 -0.1 -0.3 -0.5 -0.7 -0.9 -0.1 -0.3 -0.5 -0.7 -0.9	-0.3 0.1 -0.5 0.4 0.5 0.2 0.3 0.3 1.9 1.7 0.9 -0.6 0.0 0.9 0.1 1.4	-1 1 0 -2 -3 -4 -2 -2 -2 1 8 0 -1 1 2	6 7 2 2 4 111 7 5 7 27 4 2 7 -3 15
SAP500 Dow Jones Nikels FEST-100 Eurodisous 50 BIOX MIB ASK Afters MSG Latum* Blowcras Blazze Blowcras Blazze Mod CM Kurope* MIGHT GUILLER MIGHT GUILLER MIGHT GUILLER Blowcras Blazze Blowcras Blowcr	21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 837 76,000 62,523 4,878 2,301 1,906 100,370 822	0.3 0.2 -0.3 0.0 -0.1 -0.4 -0.1 -0.3 -0.5 -0.7 -0.9 0.1 -0.3 -0.2 -0.9 -0.1 -0.3 -0.2	-0.3 0.1 -0.5 0.4 0.5 0.2 0.3 0.3 1.9 1.7 0.9 -0.6 0.0 0.9 0.1 1.4 -0.1 -0.3	-1 1 0 -2 -3 -4 -2 -2 1 8 0 -1 1 1 2 0 2	6 7 2 4 111 7 5 7 27 4 2 7 -3 15 -16 32 18
SAPPBO Dow Jones Nikel FFEE TO EuroSteas 50 BIBCX BIBCX GAR BIBCX CAC CAC MB MB ASS Afters MSCL Latura* Iboverpa Blanzib Mochad Europe* Policial Responsib Mochad Europe* Among March Mochad Mochad Europe* Among Mochad Europe Among Mochad Among Moc	21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 837 76,000 62,523 4,878 2,301 1,906 100,370 822 3,218 5,815	0.3 0.2 -0.3 0.0 -0.1 -0.4 -0.1 -0.3 -0.5 -0.7 -0.9 0.1 -0.3 -0.2 0.0 -0.9 -0.3 -0.2 -0.0 -0.9 -0.1 -0.4 -0.5 -0.7 -0.9 -0.1 -0.5 -0.7 -0.9 -0.1 -0.2 -0.0 -0.0 -0.1 -0.2 -0.0 -0.1 -0.2 -0.0	0.3 0.1 0.5 0.2 0.3 0.3 1.9 1.7 0.9 0.6 0.0 0.9 0.1 1.4 0.1 0.3 0.3	-1 1 0 -2 -3 -4 -2 -2 1 8 0 -1 1 1 2 0 2 3	6 7 2 4 4 111 7 5 7 27 4 2 7 3 15 -16 32 18 2 10
S&P500 Dow Jones Nikide FFES TOD EuroStox SO BIBOX DO CC EuroStox SO BIBOX DO CC EuroStox SO BIBOX DO CC EuroStox SO BIBOX BIB	21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 837 76,000 62,523 49,854 4,878 2,301 1,906 100,370 822 3,218 5,815 level	0.3 0.2 -0.3 0.0 -0.1 -0.4 -0.1 -0.3 -0.5 -0.7 -0.9 -0.1 -0.3 -0.2 -0.9 -0.3 -0.2 -0.2 -0.2 -0.2 -0.1 -0.3	-0.3 0.1 -0.5 0.4 0.5 0.3 0.3 1.9 1.7 0.9 -0.6 0.0 0.9 0.1 1.4 -0.1 -0.3 0.8 -0.3 -0.9 -0.4 -0.5 -0.9 -0.5 -0.9 -	-1 1 1 0 -2 -3 4 -4 -2 -2 1 8 0 -1 1 2 0 2 3 1 1 2 2 Monthly 8	6 7 2 4 111 7 5 7 27 4 2 7 -3 15 -16 32 18 2 10 VTD
\$4500 Dow Jones Nake **FEE TO THE TO	21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 837 76,000 62,523 49,854 4,878 2,301 1,906 100,370 822 3,218 5,815 betal	0.3 0.2 -0.3 0.0 -0.1 -0.4 -0.1 -0.3 -0.5 -0.7 -0.9 0.1 -0.3 -0.2 -0.9 -0.3 -0.2 -0.2 -0.2 -0.2	0.3 0.1 0.5 0.2 0.3 0.3 1.9 1.7 0.9 0.6 0.0 0.9 0.1 1.4 0.1 0.3 0.3	-1 1 0 -2 -3 -4 -2 -2 1 8 0 -1 1 2 0 2 3 1 2	6 7 2 4 4 111 7 5 7 27 4 2 7 3 15 -16 32 18 2 10
SAPPBO Dow Jones Notes Notes FFEE TOO SE LOW JONES DAY CAC CAC MAN MB ASE Althers MACL Latem MCL	21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 837 76,000 62,523 49,854 4,878 2,301 1,906 100,370 822 3,218 5,815 level 124,9 93,5 67,7 24,8	0.3 0.2 0.3 0.0 0.1 0.4 0.1 0.3 0.5 0.7 0.9 0.1 0.3 0.2 0.0 0.9 0.3 0.2 0.2 0.2 0.2 0.2 0.1 0.1 0.1 0.2 0.1 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	-0.3 0.1 -0.5 0.4 0.5 0.2 0.3 0.3 1.9 1.7 0.9 -0.6 0.0 0.9 0.1 1.4 -0.1 -0.3 0.8 -0.3 Weekly 2.3 2.3 1.3 2.1	-1 1 0 -2 -3 -4 -2 -2 -2 1 8 0 -1 1 2 0 2 3 1 2 2 0 -2 1 2 1 2 2 1 1 2 2 3 1 1 1 2 2 3 1 1 2 2 3 1 1 2 2 3 1 2 3 1 2 2 3 1 3 1	6 7 2 2 4 111 7 5 7 27 4 2 7 -3 15 -16 32 18 2 10 YTD 4 8 10 8
SAPPBO Dow Jones Nikel FFEE TOO Eurodisous 50 BIOX BIOX BIOX CAC CAC MISS MAG Latura* BOYCHARD BOYCHARD MISS ASS Afters MACL Latura* BOYCHARD BOYCHARD MISS ASS Afters MACL MISS ASS Afters MACL MISS ASS ASS ASS ASS ASS ASS ASS ASS ASS	21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 837 76,000 62,523 49,854 4,878 2,301 1,906 100,370 822 3,218 5,815 icvel 124,9 93,5 67,7 24,8 46,2 46,2 46,2 46,2 46,2 46,2 46,2 46,2	0.3 0.2 -0.3 0.0 -0.1 -0.4 -0.1 -0.3 -0.5 -0.7 -0.9 0.1 -0.3 -0.2 0.0 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2	-0.3 0.1 -0.5 0.4 0.5 0.2 0.3 0.3 1.9 1.7 0.9 0.1 1.4 -0.1 -0.3 0.8 -0.3 Weekly 2.3 2.3 2.1 3.7 2.0	-1 1 0 -2 -3 -4 -2 -2 -1 8 0 -1 1 2 0 2 3 1 2 2 Monthly 8 11 9 10 7	6 7 2 2 4 11 7 5 7 27 4 2 7 -3 15 -16 32 10 YTD 4 8 6 -7
SAPPBO DOWN JONES NOSE NOSE NOSE NOSE NOSE NOSE NOSE	21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 837 76,000 62,523 4,878 2,301 1,906 100,370 822 3,230 110,370 821 124,9 93,5 67,7 24,8 46,2 26,3 115,9 66,6	0.3 0.2 0.3 0.0 0.1 0.4 0.1 0.3 0.0 0.1 0.3 0.0 0.1 0.3 0.0 0.1 0.3 0.2 0.0 0.9 0.1 0.2 0.2 0.2 0.2 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.3	-0.3 0.1 0.5 0.4 0.5 0.2 0.3 0.3 1.9 1.7 0.9 0.6 0.0 0.9 0.1 1.4 -0.3 0.8 Weekly 2.3 1.3 2.1 3.7 2.0 4.3	-1 1 0 -2 -3 -4 -2 -2 -1 1 8 0 -1 1 2 0 0 2 3 1 1 2 2 2 Morathy 8 11 1 9 10 7 7 5 6 3 3	6 7 2 2 4 111 7 5 7 7 2 7 4 2 7 -3 3 15 -16 2 10 10 10 10 10 10 10 10 10 10 10 10 10
SAPPBO Down Jones Naker	21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 837 76,000 62,523 49,854 4,878 2,301 1,906 100,370 822 3,218 5,815 1549 124,9 93,5 67,7 24,8 46,2 226,3 115,9 93,5 67,7 24,8 46,2 226,3 115,6 116,6 116,6	0.3 0.2 0.3 0.0 0.1 0.4 0.1 0.3 0.5 0.7 0.9 0.1 0.3 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	-0.3 0.1 0.5 0.5 0.2 0.3 1.9 0.6 0.0 0.0 0.1 1.4 0.1 1.4 0.1 1.4 0.3 0.3 1.9 0.3 1.9 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	-1 1 0 -2 -3 -4 -2 -2 -2 1 8 0 -1 1 2 2 3 1 1 2 2 2 Monthly 8 11 1 9 10 7 7 5 6 6 3 5 7 7	6 7 2 2 2 4 111 7 5 7 7 27 4 2 7 7 -3 15 -116 32 2 18 10 YTD 4 8 10 8 6 -7 10 4 19 2 2
SAPPBO DOWN JONES NASE NASE NASE NASE FIEST COM SA DAX CAC DAX CAC DAX CAC DAX MRG Latura NASC Latura	21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 837 76,000 62,523 49,854 4,878 2,301 1,906 100,370 822 3,218 5,815 1,249 93.5 67,7 24.8 46,2 226,3 115,9 65,6 14,6 16,6 16,6 16,6 16,6 16,6 18,6	0.3 0.2 -0.3 0.0 0.1 -0.4 -0.1 -0.3 -0.5 -0.9 -0.3 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2	-0.3 0.1 0.5 0.4 0.5 0.2 0.3 1.9 1.7 0.9 0.6 0.0 0.0 0.9 0.1 1.4 0.1 0.3 0.8 0.3 1.3 2.3 2.3 3.7 4.0 4.3 4.0 3.9	-1 1 0 0 -2 -3 -4 -4 -2 -2 -1 1 8 0 -1 1 1 2 0 0 -2 3 3 1 1 2 2 2 8 2 2 8 11 9 9 10 7 7 5 5 6 6 3 5 5	6 7 2 2 2 4 111 7 5 7 7 27 4 4 2 7 3 15 16 32 18 2 10 YTD 4 8 6 6 7 10 4 19
SAPPBO Dow Jones Notes Notes FFEE TOD CAUCHOUS SO CAUC	21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 837 76,000 62,523 49,854 4,878 2,301 1,996 100,370 822 3,218 5,815 level 124,9 93,5 67,7 24,8 46,2 226,3 115,9 66,2 115,9 67,7 24,8 46,2 26,1 46,2 26,1 46,2 26,1 46,2 26,1 46,2 26,1 46,2 26,1 46,2 26,1 46,2 46,2 46,2 46,2 46,2 46,2 46,2 46,2	0.3 0.2 0.3 0.0 0.1 0.4 0.1 0.4 0.1 0.5 0.7 0.9 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.1 0.1	-0.3 0.5 0.5 0.2 0.3 0.3 1.9 0.6 0.0 0.3 1.7 0.9 0.1 1.4 0.3 0.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2	-1 1 0 -2 -3 -4 -2 -2 1 8 0 -1 1 1 2 0 0 2 3 1 1 2 2 2 2 Monthly 8 1 1 1 9 9 1 0 7 7 5 6 6 3 3 5 7 4 4 12 5 5	6 7 2 2 4 4 11 7 5 7 7 27 4 4 2 7 3 3 15 3 2 18 8 6 7 10 10 10 10 10 10 10 10 10 10 10 10 10
SAPPSO DOWN JONES NOVE NOVE NOVE NOVE NOVE NOVE NOVE NOVE	21,366 19,929 7,339 3,458 10,460 12,367 5,134 20,981 837 76,000 62,523 4,887 4,878 2,301 822 3,218 5,815 bed 124,9 93,5 67,7 24,8 46,2 2,2 3,2 115,9 67,7 24,8 46,2 2,2 3,1 15,6 16,6 16,6 16,6 16,6 16,6 16,6 16	0.3 0.2 0.3 0.0 0.1 0.4 0.1 0.3 0.5 0.7 0.9 0.3 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	-0.3 0.1 0.5 0.4 0.5 0.2 0.3 0.3 0.3 1.9 1.7 0.9 0.6 0.0 0.0 0.1 1.4 0.3 0.3 2.3 2.1 2.3 2.3 2.1 3.7 2.0 4.3 3.9 2.3 4.0 3.9 3.9 4.0 3.9 3.9 4.0 3.9 4.0 3.9 4.0 3.9 4.0 3.9 4.0 3.9 4.0 3.9 4.0 4.0 3.9 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0	-1 1 0 2 -3 -4 -2 -2 1 8 0 -1 1 1 2 0 0 2 3 1 1 2 2 2 1 1 8 8 11 9 10 7 7 5 6 6 3 5 7 7 4 12 5 5 12 1 1	6 7 2 2 4 4 11 7 5 5 7 27 4 4 2 7 -3 15 -16 3 3 2 18 2 10 10 10 10 10 10 10 10 10 10 10 10 10
SAPPSO DOWN JONES NOVES NOVES NOVES NOVES DOWN JONES DO	2.13.66 10.460 10.37 10.47 10.	0.3 0.2 0.3 0.0 0.1 0.4 0.1 0.3 0.5 0.7 0.9 0.1 0.3 0.2 0.0 0.1 0.1 0.1 0.3 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.3 0.6 0.4 0.3 0.6 0.4 0.5 0.6 0.6 0.6 0.6 0.7 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-0.3 0.1 -0.5 0.2 0.3 0.3 0.3 0.3 0.3 1.9 1.7 0.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.3 0.3	-1	6 7 2 2 4 4 111 7 7 5 7 7 27 4 2 2 7 3 18 8 6 7 10 10 10 10 10 10 10 10 10 10 10 10 10
SAPPOO DOW JONES NINES N	21,366 7,339 7,339 10,460 10,460 10,460 62,523 837 6,000 62,523 837 1,966 62,523 822 10,400 822 10,	0.3 0.2 0.3 0.0 0.0 0.1 0.4 0.1 0.3 0.5 0.7 0.9 0.3 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.3 0.4 0.4 0.3 0.3 0.6 0.4 0.4 0.3 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	-0.3 0.1 -0.5 0.2 0.3 0.3 0.3 0.3 0.3 1.9 1.7 0.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.1 1.4 -0.1 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.0 0.0	-1	6 7 2 2 4 4 111 7 7 5 7 7 27 4 2 2 7 3 18 8 6 7 10 10 10 10 10 10 10 10 10 10 10 10 10
SAPPOO DOW JONES NINDER NINDER NINDER STEEL TOO DOW JONES NINDER STEEL TOO DOW DOW DOW DOW DOW DOW DOW DOW DOW D	21,366 7,339 7,339 10,460 10,460 10,460 62,523 837 7,6000 62,523 837 1,906 62,523 837 1,906 62,523 1,906 62,523 1,906 62,523 1,906 62,523 1,906 62,523 1,906 62,523 1,906 62,523 1,906 62,523 1,906 62,523 1,906 62,523 1,906 62,523 1,906 62,523 1,906 63,636 64,636 65,738 66,738	0.3 0.2 0.3 0.0 0.1 0.3 0.5 0.5 0.7 0.9 0.1 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	-0.3 -0.5 -0.5 -0.5 -0.5 -0.3 -0.3 -0.3 -0.3 -0.7 -0.9 -0.0 -0.1 -0.1 -0.1 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3	-1 1 0 -2 -3 4 -4 -2 -2 -2 1 8 8 -1 1 1 2 0 0 2 3 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	6 7 2 2 4 111 7 5 7 7 27 4 4 2 7 7 3 15 1-16 32 18 2 2 10 4 8 8 10 8 6 7 7 10 14 19 2 2 12 12 12 12 12 12 12 13 3 15 15 15 15
SAPPSO DOWN JONES NOVE IN STATE OF THE SAPE OF THE SAP	2.1,366 7.339 7.339 7.339 7.34	0.3 0.2 0.3 0.0 0.1 0.4 0.4 0.5 0.7 0.9 0.1 0.3 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	-0.3 0.1 -0.5 0.2 0.3 0.3 0.3 1.9 1.7 0.9 0.0 0.0 0.0 0.0 0.1 1.4 0.1 0.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2	-1 1 0 2 3 4 4 2 2 2 1 1 8 0 0 -1 1 1 2 2 3 1 1 2 2 2 2 2 2 2 2 2 2 2 2	6 7 2 2 4 11 1 7 5 7 7 27 4 2 7 7 3 15 15 10 8 8 6 7 7 10 4 8 8 6 7 7 10 4 2 12 12 3 3 12 12 12 3 3 15 15
SAPPSO DOWN JONES NOVE STORY NOVE	2.13,66 19,929 7,339 10,460 10	0.3 0.2 0.3 0.0 0.1 0.4 0.4 0.5 0.5 0.7 0.9 0.1 0.1 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	-0.3 0.1 -0.5 0.1 -0.5 0.2 0.3 0.9 0.3 1.9 0.6 0.0 0.0 0.1 1.7 0.9 0.6 0.0 0.0 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.9 0.1 1.7 0.9 0.9 0.9 0.1 1.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-1 1 0 -2 -3 -4 -2 -2 1 8 0 -1 1 2 2 0 1 1 2 2 2 1 1 2 2 2 2 2 3 3 3 3 3 3	6 7 2 4 4 11 7 7 7 4 2 7 7 3 15 13 8 6 7 7 10 10 8 8 6 7 7 10 10 2 12 12 12 12 13 15 15 15 15 15 15 13 30
SAPPOO DOW JONES NOVES N	2.13,66 19,929 7,339 10,460 10,460 10,460 10,460 10,460 10,370 10,460 10,370 10,460 10,370 10,470 10	0.3 0.2 0.3 0.0 0.4 0.1 0.3 0.5 0.5 0.7 0.9 0.1 0.3 0.5 0.5 0.7 0.9 0.1 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	-0.3 0.1 -0.5 0.1 -0.5 0.2 0.3 0.9 0.3 1.9 0.6 0.0 0.0 0.1 1.7 0.9 0.6 0.0 0.0 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.1 1.7 0.9 0.9 0.1 1.7 0.9 0.9 0.9 0.1 1.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-1 1 0 -2 -3 -4 -2 -2 1 8 0 -1 1 2 2 0 1 2 2 2 1 1 2 2 2 2 2 2 3 3 3 4 4 0 0	6 7 2 2 4 111 7 5 7 7 27 4 2 7 3 15 10 0 10 8 6 7 7 10 10 10 10 10 10 10 10 10 10 10 10 10
SAPPOO DOWN JONES NINES	2.1.366 10.462 17.339 10.460 10.462 1	0.3 0.2 0.3 0.0 0.0 0.1 0.1 0.3 0.5 0.7 0.9 0.1 0.3 0.5 0.7 0.9 0.1 0.3 0.5 0.7 0.9 0.1 0.3 0.5 0.7 0.9 0.1 0.3 0.5 0.7 0.9 0.1 0.3 0.5 0.7 0.9 0.1 0.3 0.6 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-0.3 (1.3) (1.6) (-1 1 0 -2 -3 -4 -2 -2 -2 1 8 0 -1 1 1 2 0 0 2 3 1 1 1 2 2 0 1 1 1 2 2 3 1 1 1 2 2 3 1 1 1 2 2 3 1 1 1 2 2 3 3 1 1 1 9 1 1 0 0 -5 1 2 2 3 3 3 4 4 0 0 6	6 7 2 2 4 4 111 7 5 5 7 27 4 4 2 7 3 15 16 32 18 2 10 10 17 10 4 8 6 6 7 10 14 19 2 12 12 3 3 24 2 9 9 10 -12 3 3 15 15 15 15 15 13 3 30 34
SAPPSO DOWN JONES NOVE NOVE TO STANDARD BEX CAC MISS. BEX CAC MISS. MISS	2.1.366 10.462 17.339 10.460 10.462 1	0.3 0.2 0.3 0.4 0.5 0.6 0.7 0.9 0.7 0.9	-0.3 0.1 -0.5 0.1 -0.5 0.2 0.3 0.3 1.9 1.7 0.9 0.1 1.7 0.9 0.1 0.0 0.0 0.0 0.1 1.3 1.3 2.1 1.3 2.1 2.0 0.3 2.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3	-1 1 0 -2 -3 -4 -2 -2 1 8 0 -1 1 2 2 0 1 2 2 2 1 1 2 2 2 2 2 2 3 3 3 4 4 0 0	6 7 2 2 4 111 7 5 7 7 27 4 2 7 3 15 10 0 10 8 6 7 7 10 10 10 10 10 10 10 10 10 10 10 10 10
SAPPSOO DOWN JONES NOVES	2.1.366 11.9.229 7.339 7.339 12.367 12.367 12.367 12.367 12.367 12.367 13.367 1	0.3 0.2 0.3 0.4 0.1 0.3 0.5 0.3 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	-0.3 -0.1 -0.5 -0.5 -0.2 -0.3 -0.9 -0.3 -0.9 -0.6 -0.7 -0.9 -0.6 -0.7 -0.9 -0.6 -0.7 -0.9 -0.7 -0.9 -0.7 -0.9 -0.7 -0.9 -0.7 -0.9 -0.7 -0.9 -0.7 -0.9 -0.7 -0.9 -0.7 -0.9 -0.7 -0.9 -0.7 -0.9 -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	-1 1 0 -2 -3 -4 -2 -2 -2 1 8 0 0 1 1 1 2 2 0 0 0 2 3 3 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	6 7 2 4 4 111 7 5 7 7 7 3 15 146 8 6 7 100 8 8 6 7 100 8 8 6 7 100 4 19 2 12 12 13 15 15 15 15 15 15 15 15 15 15 15 15 15
SAPPSO DOWN JONES NOVE STORY NOVE	2.1.366 19.929 7.339 10.460 10	0.3 0.2 0.3 0.4 0.1 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	-0.3 -0.1 -0.5 -0.4 -0.5 -0.2 -0.3 -0.9 -0.3 -0.9 -0.6 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0	-1 1 0 -2 -3 -4 -2 -2 -2 1 8 0 0 1 1 1 2 2 0 0 2 3 1 1 1 2 2 0 0 1 1 1 1 2 2 0 0 1 1 1 1 2 2 0 0 1 1 1 1	6 7 2 2 4 1 1 1 7 7 2 7 4 2 7 7 3 1 1 5 1 5 1 6 8 6 7 7 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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SAPPSOD DOWN JONES NOVEL	2.1.366 19.929 7.339 7.339 19.929 7.339 10.460 10.370 10.3	0.3 0.2 0.3 0.4 0.1 0.3 0.5 0.5 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	-0.3	-1 1 0 -2 -3 -4 -2 2 -2 1 1 8 0 0 -1 1 2 -2 3 1 1 2 2 3 1 1 2 2 3 1 1 2 2 2 3 1 1 1 9 0 1 0 7 7 5 6 6 3 3 5 7 4 1 1 7 7 1 0 0 6 6 0 7 1 1 7 7 1 0 0 6 6 0 7 1 0 0 6 6 0 7 1 0 0 6 6 0 7 1 0 0 0 7 1 0 0 0 7 1 0 0 0 7 1 0 0 0 0	6 7 2 2 4 1 1 7 7 7 2 7 4 2 7 7 3 15 15 15 15 15 15 15 15 15 15 15 15 15
SAPPSO DOWN JONES NAME NAME OF THE SAPE OF	2.1.366 19.929 7.339 10.12.367 11.302 12.367	0.3 0.2 0.2 0.3 0.3 0.3 0.5 0.5 0.9 0.1 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	0.31 0.50 0.10 0.50 0.40 0.50 0.20 0.30 0.30 0.30 0.30 0.30 0.30 0.3	-1 1 0 2 2 3 4 4 2 2 1 1 1 2 2 0 1 1 1 2 2 2 2 1 1 1 2 2 2 2	6 7 2 4 4 1 1 7 7 5 7 7 5 7 7 3 15 15 10 0 8 8 6 7 7 10 4 4 1 10 10 10 10 10 10 10 10 10 10 10 10 1
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SAPPSOO DOWN JONES NAME OF THE TOTAL OF THE	2.1.366 11.9.29 2.3.30 12.30 1	0.3	0.31 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.5	-1 1 0 2 3 4 4 2 2 2 1 8 8 0 -1 1 2 2 3 1 1 2 2 3 1 1 2 2 2 3 1 1 2 2 2 3 1 1 2 2 2 3 1 1 2 2 2 3 1 1 2 2 2 3 1 1 2 2 3 3 1 4 0 0 6 6 2 3 3 3 4 0 0 6 6 1 0 0 7 3 6 0 7 3 6 0 7 3 6 6 1 0 0 7 3 6 6 1 0 0 7 3 6 6 1 1 0 0 7 3 6 6 1 1 0 0 7 3 6 6 1 1 0 0 7 3 6 6 1 1 0 0 7 3 6 6 1 1 0 0 7 3 6 6 1 1 0 0 7 3 6 6 1 1 0 0 7 3 6 6 1 1 0 0 7 3 6 6 1 1 0 0 7 3 6 6 1 1 0 0 7 3 6 6 1 1 0 0 7 3 6 6 1 1 0 0 7 3 6 6 1 1 0 0 7 3 6 6 1 1 0 0 7 3 6 6 1 1 0 0 7 3 6 6 1 1 0 0 7 3 6 6 1 1 0 0 7 3 6 6 1 1 0 0 7 3 6 6 1 1 0 0 7 3 6 1 0 0 0 7 3 6 1 0 0 0 7 3 6 1 0 0 0 7 3 6 1 0 0 0 7 3 6 1 0 0 0 0 7 3 6 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6 7 2 2 4 4 11 1 7 7 5 7 7 4 2 2 7 3 15 5 15 1 1 1 1 1 1 2 1 2 1 1 1 1 1 1 1
SAPPSOO DOWN JONES NOONE	2.1.366 19.029 7.339 7.339 19.029 7.339 10.460 10.367 6.050 10.367 6.050 10.367 6.050 10.367 6.050 10.367 6.050 10.367 6.050 10.367 6.050 10.370 10.3	0.3	0.3 0.3 0.3 1.9 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	-1 1 0 2 3 3 4 4 2 2 2 1 1 8 0 0 1 1 1 2 2 3 3 1 1 2 2 2 2 1 1 1 9 1 1 0 7 7 5 6 6 3 3 5 7 4 1 1 2 2 3 3 3 4 4 0 6 6 1 1 1 1 1 7 7 1 1 0 0 -5 2 3 3 3 4 4 0 6 6 0 7 1 1 1 0 0 7 7 1 1 0 0 7 7 1 1 0 7 7 1 1 0 7 7 1 1 1 1	6 7 2 2 4 4 111 7 7 5 7 7 27 4 2 7 7 3 15 13 8 10 8 6 7 7 10 11 10 11 11 11 11 11 11 11 11 11 11
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\$48900 Down Jones Notes	2.1.366 19.929 2.3398 19.929 2.3398 10.460 12.367 13.638 20.991 13.9809 13.980	0.3 0.2 0.3 0.3 0.3 0.3 0.4 0.4 0.4 0.5 0.7 0.7 0.9 0.9 0.7 0.7 0.9 0.9 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	0.3 0.5 0.6 0.0 0.0 0.1 0.1 0.1 0.2 0.3 0.3 0.3 0.3 0.5 0.6 0.2 0.1 0.1 0.1 0.2 0.3 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	-1 1 0 2 3 3 4 4 4 2 2 2 1 1 1 2 2 3 3 3 1 1 1 9 1 7 7 7 4 4 1 1 1 1 0 5 5 7 7 7 4 4 1 1 1 0 5 6 6 1 3 3 5 7 7 7 4 4 1 1 1 0 0 7 0 7 0 7 0 7 0 7 0 7 0 7 0 7	6 7 2 2 4 4 11 7 7 5 7 7 4 2 2 7 3 15 5 15 10 10 11 12 12 12 12 12 12 12 12 12 12 12 12
SAPPERO DOWN JONES NOVEL	2.1.366 19.929 2.3398 19.929 2.3398 10.460 10.367 2.9391 2	0.3 0.2 0.3 0.3 0.3 0.3 0.4 0.4 0.4 0.5 0.7 0.9 0.9 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.3 0.3 0.6 0.6 0.6 0.7 0.9 0.9 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	0.31 0.50 0.50 0.60 0.70 0.70 0.70 0.70 0.70 0.70 0.7	-1 1 0 2 3 4 -2 -2 2 1 1 1 0 0 0 -1 1 1 0 0 0 0 0 0 0 0 0 0	6 7 2 2 4 4 111 7 7 5 7 7 27 27 27 27 27 27 18 2 2 18 2 2 10 10 14 15 15 15 15 15 15 15 15 15 15 15 15 15
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SAPPED DOWN JONES SAPPED DOWN	2.1.366 19.929 2.3319 19.929 2.3319 10.460 112.367 10.460 112.367 10.460 112.367 10.460 112.367 112.361 112.36	0.3 0.2 0.3 0.3 0.3 0.4 0.4 0.7 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.31 0.50 0.50 0.30 0.30 0.30 0.30 0.30 0.30	-1 1 0 2 3 4 4 2 2 2 1 1 8 8 0 1 1 1 2 2 0 2 3 3 1 1 2 2 2 Morethy 6 3 5 5 7 7 4 1 2 5 5 5 5 7 7 4 1 2 5 5 5 5 7 7 4 1 2 5 5 5 5 7 7 4 1 2 5 5 5 7 7 4 1 2 5 5 6 7 7 1 1 0 0 6 6 1 0 0 6 6 1 0 0 6 6 1 0 0 0 0	6 7 2 2 4 4 11 1 7 7 5 7 7 27 2 7 2 7 1 1 1 1 1 1 1 1 1 1 1 1
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