

Market Comment | Oil prices hits highest in 3 years in receding volatility context

Global Financial Markets Unit 18 Apr 2018

- Positive mood continued in equity markets and equity volatility returned to hover around 15 points. Equity indices moved up again, favoured by positive US earnings and decreasing global concerns (geopolitical (see) and protectionism worries).
- In this context, core yields increased slightly (as safe-haven appetite decreased) even in the euro area after the downward revision of March inflation (see). Comments by Villeroy saying that global risk could slow the ECB's normalization process were not reflected in markets (see). Meanwhile peripheral premiums continued to narrow within their recent lower bound. The main exception among the major countries was that of UK yields, which went down dragged by inflation data.
- UK inflation (2.5%) slowed more than expected in March(see). The figure is below the BoE's expectations and it decreased market odds for an accelerated process of tightening. Despite the fact that May's increase is almost priced in markets, the expectations for a second rise have moderated. This hampered the GBP, which depreciated today against its main peers, while the EUR USD cross remained stable.
- Oil prices continued to rise amid expectations of an extension of the agreement among major powers to keep oil cuts even as the oil glut vanishes (see) and decreasing US oil inventories. Against this backdrop EM currencies appreciated against the USD. The TRY rose notably after Turkey's government called for snap elections in June (from November 2019) (see)

Table1 Update 17.45 CET 18 April



Debt markets	(10Y, %, ch	anges in I	op)		
Developed Markets US (2-yr) US	2.43 2.85	3.3 1.9	12.0 6.6	Month 12	51 38
GER (2-yr) Germany	-0.57 0.53	1.3	0.3	3	4
France Spain	0.75 1.22	1.8	0.9	-7 -13	-8 -48
Italy Portugal	1.71	-4.6 -0.8	-9.0	-25 -13	-47 -40
Greece Japan (2-yr)	3.99 -0.15 0.04	-3.1 0.0	-9.1 -10.6 0.3	-20 0 -1	-11 -2
Japan Emerging Markets	level	0.3 Daily	-0.5 Weekly		-1 YTD
Brazil Chile	9.75 4.39	-6.3 0.6	-2.7 -3.3	27 -11	-51 -13
Colombia Mexico	6.40 7.38 4.87	0.2 0.3 9.5	1.5 2.8	-30 -16 25	-4 -20 0
Peru Poland Russia	3.02	9.5 -3.7 -5.8	15.1 3.2 -18.1	-25 -25 15	-29 -23
Turkey India	7.40 12.34 7.54	-33.0 4.6	-51.0 -0.7	-19 -7	98 15
Indonesia Country ri	6.64	1.7 es in bp)	8.4	-9	34
Developed Markets 10-yr sovereign spread vs Germany	level	Daily	Weekly	Monthly	YTD
France Italy	22 118	-0.6	-2.3	-3 -21	-7 -47
Portugal Spain	108 68	-7.0 -3.2 -3.0	-12.2 -12.3 -8.9	-10 -9	-39 -39
2-yr sovereign spread vs Germany France	9	-0.6	-1.5	-2	-8
Italy Portugal	25 36	-0.9 -3.0	-3.2 0.4	-10 -29	-12 -32
Spain	24	-0.6 Daily	-1.2	-7	-3 YTD
5-yr so vereign CDS *	165		-2	19	5
Brazil Chile Colombia	47 100	-2.6 -0.1	0	2	-2 -5
Mexico	105	1.3	2 -3	0	-2
Peru Poland	72 48	0.1 -0.1	-4	1	-1
Russia Turkey	141 204 58	-5.1 -1.3	-9 -3	33 28	23 39
China India	74	-1.2 -1.0	-4	5	5
Indonesia Rin	96 sk indicators	-1.0	-3	6	11
Volatility indicators (change in pp) VIX	level 16	Daily 0.7	Weekly -4	Monthly -3	YTD 6
VSTOXX EM EFT volatility Index	13 19	-0.2 -1.2	-4 -5	-3 -4	0
Dollar/euro volatility EM FX volatility index Credit spread (BAA) (change in bps)	6 8	0.0 -0.1 -1.8	0	-1 0	0
Credit spread (BAA) (change in bps) US bonds volatility index	173 48	-1.8 -1.4	-8 -2	-6 -12	-4 -1
US Inflation expectations (5Y5Y)	2,39	Daily	Weekly	Monthly 0	YTD 7
EZ Inflation expectations (5Y5Y) Banking 5y CDS (bps) *	1.69 level	- Daily	1 Weekly	2 Monthly	-5 YTD
US EZ	53 50	-1.2 -1.5	-4 -7	3 2	10 11
UK Large Spanish	44 42	-1.4 -1.2	-6 -6	- 4	3 7
Medium Spanish Corporate Sy CDS (bps) *	66 level	0.2 Daily	-3 Weekly	-2 Monthly	-9 YTD
US Non-financial EZ Non-financial	154 65	-1.2 -1.5	-4 -7	3 2	10 11
UK Non-financial Interbank ma	102	-0.8 Inges in b	-3	4	9
	level -0.37	Daily	Weekly	Monthly	YTD
EONIA Index Euribor 3 m Euribor 12 m	-0.37 -0.33 -0.19	0	0	0	0
Libor 3m	2.36	0	2	15	66 64
Ober 42m					
Libor 12m	2.75 ck markets 0	0 ຄ	4	13	
Libor 12m Stoo Main indices	ck markets (อ	4 Weekly	Monthly	YTD
Stor Main indices S&P500 Dow Jones	level 2,716 24,805	Daily 0.4 0.1	4 Weekly 2.8 2.5	Monthly 0.1 0.8	YTD 1 0
Stoc Main indices S&P500 Dow Jones Nikkel FTSE 100	level 2,716 24,805 22,158 7,317	Daily 0.4 0.1 1.4	4 Weekly 2.8 2.5 2.2 0.8	Monthly 0.1 0.8 3.2 3.9	YTD 1 0 -3 -4
Libor 12m	level 2,716 24,805 22,158 7,317 3,491 9,865	Daily 0.4 0.1 1.4 1.3 0.4 0.6	Weekly 2.8 2.5 2.2 0.8 2.1 1.3	Monthly 0.1 0.8 3.2 3.9 2.8 2.1	YTD 1 0 -3 -4 0
Main indices SAP500 Dow Jones Nikol FTSE 100 EuroStoxx 50 BBCX DAX CAC	level 2.716 24.805 22.158 7.317 3.491 9.865 12.591 5.380	Daily 0.4 0.1 1.4 1.3 0.4 0.6 0.0	Weekly 2.8 2.5 2.2 0.8 2.1 1.3 2.4 1.9	Monthly 0.1 0.8 3.2 3.9 2.8 2.1 3.1 3.0	YTD 1 0 -3 -4 0 -2 -2 -2
Ubor 12m Stor Main indices \$6P900 Dow Jones Nikel FTEST 100 EuroStoros 50 BBEX DAX CAC MIB MIB MSF AFFARMS	level 2,716 24,805 22,158 7,317 3,491 9,865 12,591 5,380 23,778 842	Daily 0.4 0.1 1.4 1.3 0.4 0.6 0.0 0.5	Weekly 2.8 2.5 2.2 0.8 2.1 1.3 2.4 1.9 3.3 5.4	Monthly 0.1 0.8 3.2 3.9 2.8 2.1 3.1 3.0 5.1	YTD 1 0 -3 -4 0 -2 -2 2 9
Libor 12/m Sloc 11/ab inc.cc/s SEPE00 Dow Jones Nike FTSC 100 Exercitors 50 BEX DAX CAC AMERICAN MSCI Latam* bioverpe (Band)	Level 2.716 24.805 22.158 7.317 3.491 12.591 5.380 23.778 842 91.046 85.568	Daily 0.4 0.1 1.4 1.3 0.4 0.6 0.0 0.5 0.5 0.6 1.2	4 Weekly 2.8 2.5 2.2 0.8 2.1 1.3 2.4 1.9 3.3 5.4 -0.1	Monthly 0.1 0.8 3.2 3.9 2.8 2.1 3.1 3.0 5.1 4.3 0.7 2.0	YTD 1 0 -3 -4 0 -2 -2 2 2 9 3 6
Libor 12/m Stee Main incises SEPE00 Dow Jones Noted: 100 Eurottoux 50 BEX DAX DAX AGE Allen ASC Allens Sovereas Glend WASC Library MASC Libraryes*	level 2.716 24.805 22.158 7.217 3.491 9.865 12.591 5.380 23.778 842 91,046 85,568 49,111 5.371	Daily 0.4 0.1 1.4 1.3 0.4 0.6 0.0 0.5 0.5 0.6 1.2 1.8 0.4 1.3	Weekly 2.8 2.5 2.2 0.8 2.1 1.3 2.4 1.9 3.3 5.4 -0.1 0.4 1.2 0.7	Monthly 0.1 0.8 3.2 3.9 2.8 2.1 3.1 3.0 5.1 4.3 0.7 2.0 3.4	1 0 -3 -4 0 -2 -2 2 9 3 6 10 -2 0
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Libor 12/m Story Sep 20	Level Leve	Daily 0.4 0.1 1.4 0.6 0.5 0.5 0.6 0.5 0.6 0.5 0.6 0.5 0.6 0.5 0.6 0.5 0.6 0.7 0.8 0.7 0.7 0.8 0.7 0.7 0.8 0.7 0.7 0.8 0.7 0.7 0.8 0.7 0.8 0.5 0.7 0.7 0.8 0.5 0.7 0.8 0.5 0.7 0.7 0.8 0.5 0.7 0.7 0.8 0.5 0.7 0.7 0.8 0.5 0.7 0.7 0.8 0.5 0.7 0.7 0.8 0.5 0.7 0.7 0.8 0.5 0.7 0.7 0.8 0.5 0.7 0.7 0.8 0.5 0.7 0.7 0.8 0.5 0.7 0.7 0.8 0.5 0.7 0.7 0.8 0.5 0.7 0.7 0.8 0.7 0.7 0.7 0.8 0.7 0.7 0.7 0.8 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.8 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	Westly 2.8 2.5 2.2 2.0 8 3.3 3.3 5.4 1.2 2.4 2.6 6.3 6.5 0.1 1.2 2.6 2.2 1.3 3.3 2.4 1.2 2.6 2.1 1.3 3.2 2.4 1.3 3.2 2.4 3.3 2.4 3.3 2.4 3.3 2.4 3.3 2.4 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3	Monthly 0.1 0.8 3.2 2.1 3.0 3.2 3.2 3.2 3.1 3.0 7.2 2.0 3.4 4.3 3.9 3.0 7.2 2.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4	YTD 1 0 3 4 0 0 2 2 9 3 6 10 0 6 6 5 0 8 1 1 YTD 1 1 2 6 0 0 1 1 0 4 1 3 0 4 1 3 3 1 1 1 2 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Libor 12/m White incinces SEPEDO Dow Jones SEPEDO Dow Jones Nobel 100 Eurostoox 50	k markets C level 24,805 22,716 24,805 24,805 3,491 3,491 3,895 5,380 842 23,778 842 85,588 845 85,588 85,5	Daily 0.4 0.4 0.1 1.4 0.6 0.0 0.5 0.5 0.5 0.6 1.2 1.8 0.4 0.8 0.5 0.5 0.5 0.6 0.3 0.3 0.5 0.5 0.7 0.8 0.7 0.7 0.8 0.7 0.7 0.8 0.7 0.7 0.8 0.7 0.8 0.7 0.8 0.7 0.8 0.7 0.8 0.7 0.8 0.7 0.8 0.7 0.8 0.7 0.8 0.7 0.8 0.7 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	4 Weekly 28 25 22 22 28 21 13 24 4 12 2 2 4 2 4 2 2 4	Moretty 0.1 0.8 3.2 2.8 3.2 2.1 3.1 3.0 5.1 3.0 0.7 2.2 2.9 4.2 2.9 4.2 2.9 4.2 2.9 4.2 2.9 4.2 2.9 4.2 2.9 4.2 2.9 4.2 2.9 4.2 2.9 4.2 2.9 4.2 2.9 4.2 2.9 4.2 2.9 4.2 2.9 4.2 2.9 4.2 2.9 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2	YTD 1 0 3 4 4 0 2 2 2 2 9 3 6 6 6 5 0 8 4 1 1 2 6 0 0 1 1 2 6 0 1 3 3 0 1 2 6 0 1 2 6 0 1 3 0 1 1 2 6 0 0 1 2 6 0 0 1 2 6 0 0 1 2 6 0 0 1 2 6 0 0 0 1 1 2 6 0 0 0 1 1 2 6 0 0 0 1 1 2 6 0 0 0 1 1 2 6 0 0 0 1 1 2 6 0 0 0 1 1 2 6 0 0 0 1 1 2 6 0 0 0 1 1 2 6 0 0 0 1 1 2 6 0 0 0 0 1 1 2 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
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Libor 12/m Stee Main incises \$4P900 Dow Jones Need 100 Dow Jones Need 100 Face Oftoo 50 Ear Oft	National Content	Dailty 0.41 0.41 0.41 0.43 0.44 0.41 0.41 0.41 0.41 0.41 0.41 0.41	4 Weekly 2.8 2.5 2.2 2.6 2.1 3.3 2.4 4.1 1.2 4.9 1.3 5.4 4.1 1.2 2.6 6.1 1.3 6.6 6.0 1.1 1.9 6.6 6.0 1.1 1.9 6.6 6.0 1.1 1.9 6.6 6.0 1.1 1.9 6.6 6.0 1.1 1.9 6.6 6.0 1.1 1.9 6.6 6.0 1.1 1.9 6.6 6.0 1.1 1.9 6.6 6.0 1.1 1.9 6.6 6.0 1.1 1.9 6.0 6.0 1.1 1.9 6.0 6.0 6.0 1.1 1.9 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0	Morthly 0.18 3.29 2.83 3.19 2.11 3.10 5.1 3.10 5.1 3.10 5.1 3.10 5.1 3.10 5.1 3.10 5.1 3.10 5.1 3.10 5.1 3.10 5.1 3.10 5.1 3.10 5.10 3.10 5.10 6.10 6.10 6.10 6.10 6.10 6.10 6.10 6	710 1 1 0 3 3 4 4 0 0 2 2 2 2 2 2 3 3 6 6 6 5 5 0 0 0 3 3 1 0 0 0 1 0 1 0 0 0 1 0 1 0 1
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Libor 12/m Main inside the September Septembe	Indiana	Daily 0.4 Daily 1.4 Daily 0.4 Daily 1.4 Daily 1.5	4 Workly 2.8 2.5 2.5 2.5 2.5 2.5 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6	Monthly 10.1 (1.0 kg s. 1.1 kg s. 1.	910 1 1 0 0 3 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Libor 12m Stee Majarismicro SAPPOO Dow Jones Notes 10m Dow Jones Notes 10m Dow Jones 10m Downson Jo	k mileta (c. 1874) Isordia (c.	Daily 0.4 0.1 1.4 0.1 1.4 1.3 0.4 0.6 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	4 Workly 28 25 22 28 28 28 21 13 3 24 4 19 2 1 12 2 1 1 13 3 1 1 1 1 1 1 1 1 1 1 1	Monthly 10.1 (1.0 kg s. 1.1 kg s. 1.	710 1 0 3 4 4 0 2 2 2 2 3 3 3 10 6 6 6 5 0 8 1 1 710 1 2 6 6 6 1 1 2 7 1 1 3 3 1 1 1 2 7 1 1 1 3 1 1 1 1 2 7 8 0 1 1 1 2 7 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Libor 12/m Stee Main incises 48 P500 Dow Jones Need 100 Dow Jones Need 100 Feed 100 Feed 100 Feed 100 Dow Jones Need 100	A miles of Invalid I	Daily Daily 1.4 0.4 0.4 0.5 0.5 0.6 0.5 0.6 1.2 0.6 0.6 1.2 0.6 0.7 0.7 0.8 0.4 0.1 1.3 0.6 0.6 1.2 1.3 0.6 0.6 1.2 1.3 0.6 0.6 1.2 1.3 0.6 0.6 1.2 1.3 1.3 1.4 0.5 0.6 0.7 0.8 0.7 0.8 0.9 0.1 1.1 1.1 1.1 1.4 0.3 0.5 0.5 0.5 0.7 0.8 0.9	4 Westly 229 y 229 y 25 2 2 2 2 4 4 2 2 6 2 2 2 2 2 2 2 2 2 2 2	Mortify 0.1 0.1 0.8 3.2 2.8 2.1 1.3 2.0 2.5 2.0 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1	YT0 1 0 3 4 4 0 2 2 2 9 3 6 6 6 6 6 6 6 1 1 1 2 6 0 0 8 1 1 1 2 7 7 1 1 1 1 3 3 7 1 2 7 7 1 1 1 1 2 7 7 1 1 1 2 7 7 1 1 1 1
Libor 12/m State inside the September of Se	** ** ** ** ** ** ** ** ** ** ** ** **	Dailty Dailty 1.04 Dailty 1.04 0.1 1.4 1.3 0.6 0.5 0.5 0.6 1.2 1.3 0.6 0.5 0.5 0.6 1.2 0.6 0.7 0.8 0.4 0.8 0.5 0.6 1.2 1.3 1.1 1.3 1.4 1.5 1	4 Westly 225 y 225 2.6 8.8 1.9 2.6 1.9 2.6 1.9 2.6 2.2 2.4 1.2 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2	Monthly 10.1 (1.1 (1.1 (1.1 (1.1 (1.1 (1.1 (1.1	YT0 1 0 3 4 4 0 2 2 2 9 3 6 10 2 2 6 6 6 6 7 1 1 2 6 0 0 8 1 1 1 1 2 7 7 1 1 4 2 7 7 1 1 4 2 7 7 1 1 4 2 7 7 1 1 4 2 7 7 1 1 4 2 7 7 1 1 4 2 7 7 1 1 4 2 7 7 1 1 4 2 7 7 1 1 4 2 7 7 1 1 4 2 7 7 1 1 4 2 7 7 1 4 2 7 7 7 1 1 4 2 7 7 7 1 1 4 2 7 7 7 1 1 4 2 7 7 7 1 1 4 2 7 7 7 1 1 4 2 7 7 7 1 1 4 2 7 7 7 1 1 4 2 7 7 7 1 1 4 2 7 7 7 1 1 4 2 7 7 7 1 1 4 2 7 7 7 1 1 4 2 7 7 7 7 1 1 4 2 7 7 7 7 1 1 4 2 7 7 7 7 1 1 4 2 7 7 7 7 1 1 4 2 7 7 7 7 1 1 4 2 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Libor 12/m Minimisers SEP500 Dow Jones Nobel 100 Dow Jones Nobel 100 Eurottox 50 Eurottox	** ** ** ** ** ** ** ** ** ** ** ** **	Company (Company (Com	4 Westly, 2.8 2.8 2.8 2.8 2.2 2.0 8.8 2.5 2.2 2.1 3.3 3.5 4.4 0.1 1.2 2.6 2.6 2.6 0.4 4.1 1.2 2.6 2.6 2.6 0.4 4.1 1.2 2.6 2.6 0.6 1.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2	Morthly 0.1 0.1 0.8 3.2 3.2 3.2 3.2 3.2 3.1 3.1 3.1 3.2 3.2 3.2 3.2 3.2 3.2 3.1 3.1 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2	YTD 1 1 0 3 4 4 4 9 2 2 2 9 9 3 6 6 6 5 9 1 1 1 2 6 6 6 5 9 1 1 1 2 6 6 6 1 1 1 2 6 6 1 1 1 1 2 6 1 1 1 1
Libor 12m Steel Main incise or See Main incise or See Main incise or See PD00 Dow Jones Nose See PD00 Dow Jones Nose See PD00 Eurotros 50 BEX SO JONES SEE SEE SEE SEE SEE SEE SEE SEE SEE	** *** **** **** **** **** **** **** ****	Daily 0.4 0.1 1.4 1.1 1.2 0.6 0.0 0.6 0.0 0.5 0.5 0.5 0.5 0.6 1.2 0.1 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	4 Westly, 2.8 2.5 2.2 2.2 2.8 3.8 1.2 4.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2	Monthly 0.3 1.4 2.6 2.7 2.0 0.0 0.8 1.1.2 2.7 2.0 0.0 0.8 1.1.2 2.7 2.0 0.0 0.8 1.1.2 2.7 2.7 2.0 0.0 0.8 1.1.2 2.7 2.7 2.0 0.0 0.0 0.8 1.1.2 2.7 2.7 2.0 0.0 0.0 0.8 1.1.2 2.7 2.7 2.0 0.0 0.0 0.8 1.1.2 2.7 2.7 2.0 0.0 0.0 0.8 1.1.2 2.7 2.7 2.7 2.0 0.0 0.0 0.8 1.1.2 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2	YTD 1 1 0 0 3 4 4 0 2 2 2 2 2 2 2 3 9 9 1 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
Libor 12/m Stee Main inside of See Main inside of	k mirkes of lover in the control of	CO Daily 0.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	4 Westby 2.5.2 (2.2 (2.8 (2.8 (2.8 (2.8 (2.8 (2.8 (2	Morthly 0.3 (1.0 c) 1.0 (1.0 c	YTD 1 1 0 0 3 4 4 0 2 2 2 2 2 2 2 3 6 6 6 6 6 6 6 6 6 6 6 6
Ubor 12m White instruction See Proper Dow Jones Note See Proper Down Jones Note See Proper Down Jones Down Jon	** ** ** ** ** ** ** ** ** ** ** ** **	CO Daily 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4 Westly 2.8 2.5 2.6 2.8 2.5 2.7 2.8 2.5 2.2 2.2 2.2 2.2 2.2 2.3 3.3 2.4 4.1 2.5 2.5 2.7 2.5 2.5 2.7 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5	Morethy 0.18 0.88 0.18 0.18 0.28 0.39 0.39 0.39 0.31 0.7 0.07 0.30 0.30 0.30 0.30 0.30 0.30	710 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
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Libor 12m Steel Main incise or See Main incise or See Main incise or See Page 0 Dow Jones Nose See Page 0 Dow Jones Nose 1 BOX 0 Dow Jones 1 BOX 0 AXX 0 AX	** *** **** **** **** **** **** **** ****	Company of the compan	4 Weshiy, Weshiy, Weshiy, Weshiy, Weshiy, Weshiy, Weshiy, Weshiy, Weship, Wesh	Morthly (1) (1) (2) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	7110 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
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Libor 12/m Stein insinces \$4P900 Dow Jones Need 190 Dow Jones Need 190 Eurothous 50 Eurothous 5	k mirkes of lover in the control of	0 Daily 1 Dail	4 Weshiy Weshiy 2.8 2.5 2.8 2.5 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.3 2.4 3.3 2.4 4.1 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5	Morthly Morthy Morthly Morthly Morthly Morthly Morthly Morthly Morthly Morthly	7110 3 3 4 4 0 2 2 2 2 2 9 9 3 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
Libor 12/m State inside the state of the st	** ** ** ** ** ** ** ** ** ** ** ** **	0 Daily 1 Daily 2 Dail	4 Westly 28 2.5 2.6 2.8 2.5 2.7 2.8 2.5 2.2 2.2 2.8 2.5 2.5 2.5 2.7 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5	Monthly (1) (1) (1) (2) (2) (3) (4) (4) (4) (5) (6) (6) (6) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	Y100 3-3-4 4-0 0 0 2-2 2 2 2 3 3 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
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150 ct y	Debt markets	level	anges in I	op) Week	Month	YTD
GRI Cycle Grampy Gram	US (2-yr) US	2.85	3.3 1.9	6.6		51
Fame 1988 1989	GER (2-yr) Germany	-0.57 0.53	1.3	0.3	3 -4	4
Persigne 1,616	France	0.75	1.8	0.9	-7	-8
Greene (3.96	Italy	1.71	-4.6	-9.0	-25	-47
Agam	Greece	3.99	-3.1	-10.6	-20	-11
Seal 19,00 19,0	Japan		0.3	-0.5 Weekle	-1 Monthly	-1 Yana
Cadenth 6,40 0,20 1,51 3,60 3,60 4,60 6,50 1,50 3,60 3,	Brazil	9.75	-6.3	-2.7	27	-51
Pera 1968 1978 2019	Colombia	6.40	0.2	1.5	-30	-4
Personal 1998	Peru	4.87	9.5	15.1	25	0
Incide Company Comp	Poland Russia	3.02 7.40	-5.8	-18.1	15	-23
Image	India	12.34 7.54	4.6	-51.0 -0.7	-7	98 15
Persistent		6.64 isk (bp, chang		8.4	-9	34
France		level	Daily	Weekly	Monthly	YTD
Pemper	France		-0.6			
Persistent Pe	Portugal	108	-3.2	-12.3	-10	-39
Frame	Spain 2-yr so vereign spread vs Germany	68	-3.0	-8.9	-9	-39
Pemper Pempe Pemper P	France					
Temper Personal P	Portugal	36	-3.0	0.4	-29	-32
Peeb	Emerging Markets	level	Daily	Weekly	Monthly	
Commiss		165	-2.6	-2	19	5
Mooke		47 100				
Penner	Mexico	105	1.2	2	0	-2
Turkey	Poland	48	-0.1	-4	-4	-1
Christ	Turkey	204	-1.3	-3	28	39
Image	India	58 74	-1.2 -1.0	-3 -1	5	8
Vision V	Indonesia	96 sk indicators		-3	6	11
VSTOXX	Volatilty indicators (change in pp)	level	Daily	Weekly	Monthly	
MEFF Volumbrie 19	VSTOXX	13	-0.2	-4	-3	6
Crest spread BAAJ (change) page 173	EM EFT volatility Index		-1.2			2
	EM FX volatility index Credit spread (RAA) (change in here)	8	-0.1	0	0	0
	US bonds volatility index		-1.4		-12	-1
Seminary Profession Profe	US Inflation expectations (5Y5Y)		- Daily		0	7
Section Sect	EZ Inflation expectations (5Y5Y) Banking 5y CDS (bos) *	level	Daily	1 Weekly		
Company	US	53	-1.2	-4 -2	3	10
Modum Speech 1966	UK	44	-1.4	-6	-4	3
Company Sty COS (1987) Co	Medium Spanish	42 66				
EZERORIMONICA 1988	Corporate 5y CDS (bps) * US Non-financial	level 154		Weekly -4	Monthly 3	
Company	EZ Non-financial	65	-1.5	-7	2	11
COMMARISME COM	Interbank ma					
Libers	EONIA Index		Daily	Weekly	Monthly	
Libers	Euribor 3m Euribor 12m				0	0
	Libor 3m					66
Marchael New Marchael New Marchael New N	Libor 12m	2.36	0		15	64
Downstane	Libor 12m	2.75	0		15 13	64
FISE 100	Libor 12m Sto Main indices	2.75 ck markets ©	0 (a) Daily	4 Weekly	13 Monthly	64 YTD
Exemple	Ubor 12m Sto Main indices S&P500 Dow Jones	2.75 ck markets © level 2,716 24,805	0 (a) Daily 0.4 0.1	4 Weekly 2.8 2.5	Monthly 0.1 0.8	7TD 1
DAX 1.599 0.0 2.4 3.1 3.2 CAR 1.508 0.5 3.0 3.0 3.0 CAR 1.508 0.5 3.0 3.0 3.0 CAR 1.508 0.5 3.0 3.0 CAR 1.508 0.5 CAR 1.508 0.5 3.0 CAR 1.508	Ubor 12m Sto Main indices S&P500 Dow Jones Nikkel FTSE 100	2.75 ck markets 0 level 2,716 24.805 22.158 7,317	0 (a) Daily 0.4 0.1 1.4	4 Weekly 2.8 2.5 2.2	13 Monthly 0.1 0.8 3.2	7TD 1 0 -3
MB	Ubor 12m Sto Main Indices S&P500 Dow Jones Nikkel FTSE 100 EuroStoxx 50	2.75 ck markets 0 level 2,716 24,805 22,158 7,317 3,491	0 (4) Daily 0.4 0.1 1.4 1.3 0.4	4 Weekly 2.8 2.5 2.2 0.8 2.1	Monthly 0.1 0.8 3.2 3.9 2.8	7TD 1 0 -3 -4 0
MSCI Latan*	Ulbor 12m Main indices \$AP500 Dow Jones Nikleri FTSE 100 EEUGStoxx 50 IBEX DAX	2.75 ck markets 0 level 2,716 24,805 22,158 7,317 3,491 9,865 12,591	0 Daily 0.4 0.1 1.4 1.3 0.4 0.6 0.0	4 Weekly 2.8 2.5 2.2 0.8 2.1 1.3 2.4	13 Monthly 0.1 0.8 3.2 3.9 2.8 2.1 3.1	YTD 1 0 -3 -4 0 -2 -2
Mestod 49,111 0.4 1.2 3.4 2.4	Ulbor 12m Sto Main indices \$4P500 Down Jones Nikkel FFEE TO EuroSton \$0 EuroSt	2.75 ck markets © level 2.716 24,805 22,158 7.317 3,491 9,865 12,591 5,380 23,778	0 Daily 0.4 0.1 1.4 1.3 0.4 0.6 0.0 0.5 0.5	4 Weekly 2.8 2.5 2.2 0.8 2.1 1.3 2.4 1.9 3.3	13 Monthly 0.1 0.8 3.2 3.9 2.8 2.1 3.1 3.0 5.1	7TD 1 0 -3 -4 0 -2 -2 2 9
Pearl	Ubor 12m Sto Main insices \$40°500 Boow Jones Nikes Nikes Nikes Nikes Dav Good StareStoor 50 Box Good B	2.75 ck markets © level 2.716 24.805 22.158 7.317 3.491 9.865 12.591 5.380 23.778 842 91,046	0 Daily 0.4 0.1 1.4 1.3 0.4 0.6 0.0 0.5 0.5 0.6 1.2	4 Weekly 2.8 2.5 2.2 0.8 2.1 1.3 2.4 1.9 3.3 5.4	Monthly 0.1 0.8 3.2 3.9 2.8 2.1 3.1 3.0 5.1 4.3 0.7	YTD 1 0 -3 -4 0 -2 -2 2 9 3 6
Micro III Oliusia)	Ubor 12m Ste Main Indices 56/9500 Dow Jones Nikled FFSE 100 EFSE 100 EEXX CAC MIB MSC LATE MSC LAT	2.75 ck markets 0 level 2.716 24.805 22.158 7.317 3.491 9.865 12.591 5.380 23.778 842 91.046 85.568	0 Daily 0.4 0.1 1.4 1.3 0.4 0.6 0.0 0.5 0.5 0.6 1.2 1.8	Weekly 2.8 2.5 2.2 0.8 2.1 1.3 2.4 1.9 3.3 5.4 -0.1 0.4 1.2	Monthly 0.1 0.8 3.2 3.9 2.8 2.1 3.1 3.0 5.1 4.3 0.7 2.0 3.4	7TD 1 0 -3 -4 0 -2 -2 2 9 3 6 10
MSCL MAIn	Ubor 12m Ste Main indices \$46*500 Done Jones FFES 100 Excellents 50 BBX DAX CAC ACAC ASS ASS ASS BBS ASS ASS BBS ASS ASS BBS Done Spot Glorab BOS GLORAD B	2.75 ck markete 0 level 2.716 24.805 22.158 7.317 3.491 9.865 12.591 5.380 23.778 849.111 5.371	0 Daily 0.4 0.1 1.4 1.3 0.4 0.6 0.0 0.5 0.5 0.6 1.2 1.8 0.4 1.3	Weekly 2.8 2.5 2.2 0.8 2.1 1.3 2.4 1.9 3.3 5.4 -0.1 0.4 1.2 0.7	Monthly 0.1 0.8 3.2 3.9 2.8 2.1 3.1 3.0 5.1 4.3 0.7 2.0 3.4 -3.9	7TD 1 0 -3 -4 0 -2 -2 2 9 3 6 10 -2
Saleria Disconnecies 6,320 0.5 0.1 0.5 0.5 Saleria Disconnecies 0.00 0.0 0.5 0.5 0.5 Saleria Disconnecies 0.00 0.0 0.0 0.0 0.0 Saleria Disconnecies 0.00 0.0 0.0 0.0 0.0 Saleria Disconnecies 0.00 0.0 0.0 0.0 0.0 Saleria Disconnecies 0.00 0.0 0.0 0.0 0.0 0.0 Saleria Disconnecies 0.00 0.0 0.0 0.0 0.0 0.0 Saleria Disconnecies 0.00 0.0 0.0 0.0 0.0 0.0 0.0 0.0 Saleria Disconnecies 0.00 0.00 0.0	Ubor 12m Ste Main indices S64900 Dow Jones Note F15E 100 F15E 100 S0 S0 AX	2.75 ck markets © level 2.716 24.805 22.158 7.317 3.491 9.865 12.591 5.380 23.778 842 91.046 85.568 49.111 5.371 2.316 4.385	0 Daily 0.4 0.1 1.4 1.3 0.4 0.6 0.0 0.5 0.5 0.6 1.2 1.8 0.4 1.3 0.3 2.3	Weekly 2.8 2.5 2.2 0.8 2.1 1.3 2.4 1.9 3.3 5.4 -0.1 0.4 1.2 0.7 1.9 4.1	Monthly 0.1 0.8 3.2 2.8 2.1 3.0 5.1 4.3 0.7 2.0 3.4 -3.9 9.8 2.1 3.0 5.1 4.3 0.7 2.0 3.4 -3.9 9.3 9.3 9.3 9.3 9.3 9.3 9.3 9.3 9.3	9 YTD 1 0 3 4 0 -2 2 2 9 3 6 10 -2 0 -6 6
US banks	Ubor 12m Main indices S69500 Dow Jones Nikled FFES 100 FFES 100 ACAC MIB MAS ARMEN MIN MORE MO	2.75 ck markets © level 2.716 24.805 22.158 7.317 3.491 9.865 12.591 5.380 23.778 842 91.046 85.58 45.911 5.371 2.316 4.385 112.099 925	0 Daily 0.4 0.1 1.4 1.3 0.4 0.6 0.0 0.5 0.6 1.2 1.8 0.4 1.3 0.3 2.3 3.1 -0.6	Weekly 2.8 2.5 2.2 0.8 2.1 1.3 2.4 1.9 3.3 5.4 -0.1 0.4 1.2 0.7 1.9 4.1 2.6 -1.3	Monthly 0.1 0.8 3.2 3.9 2.8 2.1 3.0 5.1 4.3 0.7 2.0 3.4 -3.9 3.0 -2.2 2.9	71D 1 0 3 3 4 4 0 2 2 2 2 9 3 6 6 6 6 5 5 0
PM	Ubor 12m Main indices Sc#200 Dow Jones Nikled FFISE 100 EEROSoxx 50 BEX ACAC MIB ASS APPRIS MSC LIATE MSC	2.75 ck markets © level 2.716 24,805 22,158 7,317 3,491 9,865 12,591 5,380 23,778 842 91,046 85,568 49,111 2,316 4,385 112,099 925 3,091	0 Daily 0.4 0.1 1.4 0.6 0.0 0.5 0.5 0.6 1.2 1.8 0.4 1.3 0.3 2.3 3.1 -0.6 0.8	Weekly 2.8 2.5 2.2 0.8 2.1 1.3 2.4 1.9 3.3 5.4 -0.1 0.4 1.2 0.7 1.9 4.1 2.6 -1.3 -3.6	13 Monthly 0.1 0.8 3.2 3.9 2.8 2.1 3.1 3.0 5.1 4.3 0.7 2.0 3.4 -3.9 2.0 3.4 -3.9 4.3 -4.2 -2.2 -2.2 -2.2 -2.2 -2.5 -2.5 -2.5 -2	71D 1 0 3 4 4 0 2 2 2 9 9 3 6 10 2 2 0 6 6 6 5 5 0 8
Book	Ubor 12m Ste Main indices S64900 Dow Jones Nobel F1SE 100 F1SE 10	2.75 ck markets © level 2.7716 24.805 22.158 7.31,7 3.491 9.865 12.591 5.380 23.778 842 91.046 85.568 49.111 5.371 2.316 4.385 112.099 925 3.091 6.320 level	0 Daily 0.4 0.1 1.4 1.3 0.4 0.6 0.0 0.5 0.5 1.2 1.8 0.3 2.3 3.1 -0.6 0.8 0.5 Daily	Weekly 2.8 2.5 2.2 0.8 2.1 1.3 2.4 1.9 3.3 5.4 -0.1 1.2 0.7 1.9 4.1 2.6 -1.3 -3.6 -0.1 Weekly	13 Monthly 0.1 0.8 3.2 3.9 2.8 3.1 3.0 5.1 4.3 0.7 2.0 3.4 -3.9 3.0 -2.2 -2.9 -4.2 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7	7TD 1 0 3 3 4 4 0 2 2 2 2 9 9 3 6 6 6 6 5 5 0 8 8 1 1 7TD
Care	Ubor 12m Main indices S69500 Dow Jones Noted FT SE 150 S9 BEX ADAX ACA AMM MAN MAG Latam ' Blowcepa Blazope - Mac Latam ' Blowcepa Blazope - Blazope - Mac Latam ' Blowcepa Blazope - Bla	2.75 ck narkets © level 2.716 24.805 22.158 7.317 3.491 9.865 12.591 5.380 23.778 842 91.046 85.568 49.111 5.371 2.316 4.385 112.099 25 3.091 6.320 level 141.4	0 baily 0.4 0.1 1.4 1.3 0.4 0.6 0.0 0.5 0.6 1.2 1.3 1.1 -0.6 0.3 0.3 2.3 3.1 1.0 0.5 0.5 0.6 0.0 0.3 0.3 0.3 0.5 0.0 0.0 0.5 0.0 0.0 0.0 0.5 0.0 0.0	Weekly 2.8 2.5 2.2 0.8 2.1 1.3 2.4 1.9 3.3 5.4 1.0.4 1.2 0.7 1.9 4.1 2.6 -1.3 3.6 -0.1 Weekly 0.5 -0.3	13 Monthly 0.1 0.8 3.2 3.9 2.8 2.1 3.1 3.0 5.1 4.3 0.7 2.0 3.0 3.0 -2.2 -2.9 -4.2 -5.7 0.2 Monthly -5.0 -3.7	7TD 1 0 3 4 4 0 0 -2 2 2 9 3 3 6 6 6 6 5 0 8 8 1 1 1 1 2 2
Sept	Ubor 12m Main indices S69590 Dow Jones Nikele FFES 100 FFES 100 ACAC MIB MASC ARMEN MIS MASC ARMEN MODIT METOPE MODIT	2.75 ck markets 6 tovel 2.716 24.805 22.158 7.317 3.491 9.865 12.591 5.380 23.778 842 91.046 85.588 49.111 5.371 2.316 4.385 512.099 925 3.091 6.320 tovel 141.4 110.3 69.5 29.9	0 (x) Doily 0.4 (1.3 (1.3 (1.3 (1.3 (1.3 (1.3 (1.3 (1.3	4 Weekly 2.8 2.5 2.2 0.8 2.1 1.3 3.2.4 1.9 3.3 5.4 0.1 1.2 0.7 1.9 4.1 1.2 0.6 -1.3 -3.6 0.1 Weekly 0.5 0.3 -0.5 0.3 -0.5 0.1	13 Monthly 0.1 0.8 3.2 2.8 3.9 2.8 3.0 3.0 5.1 4.3 0.7 2.0 3.4 4.2 2.9 4.2 2.9 4.2 2.9 4.2 4.2 4.3 4.4 6.4 6.4 6.6	7TD 1 0 3 4 4 0 2 2 2 2 9 3 6 6 6 6 5 0 8 8 1 1 YTD 1 2 6 6 0 0
Cresh Approxe 13.5 0.3 1.8 1.2 4.9 December Series 11.5 0.5 1.6 0.5 December Series 11.5 0.5 0.5 0.5 December Series 0.5 0.5 0.5 December Series 0.5 0.5 December Seri	Ubor 12m Main indices Sc#200 Dow Jones Nikel FTSE 100 EExeroSoxx 50 BEX ACAC CAC MIB ACAC MIB ACAC MIB ACAC MIB MIS	2.75 ck markets 6 tovel 2.716 24.805 22.158 7.317 3.491 9.865 12.591 5.380 23.778 842 91.046 85.568 49.111 5.371 2.316 4.385 5.371 2.316 4.385 5112.099 925 3.091 6.320 level 141.4 110.3 69.5 29.9 53.8 254.5	0 baily 0.4 1.3 0.4 0.6 0.0 0.5 0.6 1.2 1.8 0.4 1.3 3.1 1.0 0.6 0.5 0.5 0.6 0.4 1.3 0.3 0.3 0.3 1.1 0.6 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4 Weekly 2.8 2.5 2.2 2.5 2.2 2.8 2.1 1.3 3.5 4.4 1.9 3.3 5.4 4.1 2.6 0.7 1.2 1.3 3.6 6.1 1.2 1.3 3.6 6.1 0.1 Weekly 0.5 0.3 0.5 0.1 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1	13 Monthly 0.1 0.8 3.2 2.8 3.9 2.8 3.0 3.0 7 2.0 3.4 3.0 7 2.0 3.4 2.2 2.9 4.2 2.9 4.2 4.2 4.3 6.4 6.4 6.6 6.6 6.3 6.3 6.3 6.3	7TD 1 0 3 4 4 0 2 2 2 9 3 6 6 6 5 5 0 8 8 1 1 YID -1 2 2 6 0 0 3 3 0
Mode	Ubor 12m Ste Mallander Mallander SetSeS00 Dow Jones Note FTSE 100 Excessors 50 BEX OAC AMB ASE Affens MSC Lattam * Browyeas Blaze Mobile Company Moc 10 (Russia) Bes 100 (Russia)	2,75 ck markets G level 2,716 24,805 22,158 7,317 3,491 9,865 12,591 5,390 23,778 842 91,046 85,568 49,111 5,371 6,320 112,099 925 3,091 141,4 110,3 69,5 29,9 53,8 254,5 108,3 62,2	0 Deity 0.4 0.1 1.4 1.3 0.4 0.5 0.5 0.5 0.6 0.5 0.5 0.5 0.6 0.5 0.5 0.6 0.0 0.5 0.5 0.6 0.0 0.0 0.5 0.5 0.6 0.0 0.0 0.0 0.0 0.5 0.5 0.6 0.0 0.0 0.0 0.0 0.5 0.5 0.5 0.6 0.6 0.0 0.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	Weekly 2.8 2.5 2.2 2.0.8 2.1 1.3 2.4 1.9 3.3 2.4 1.2 1.7 1.9 1.2 1.0 1.1 2.6 1.3 2.6 0.1 1.2 1.0 0.5 0.5 0.1 1.9 0.5 0.5 0.1 1.9 0.6 2.6 2.2 2.2 2.8	13 Morthly 0.1 0.8 3.2 2.8 3.9 2.1 3.1 3.0 7 2.0 3.0 7 2.0 3.4 4.3 3.9 4.3 3.9 4.3 3.9 4.3 3.9 4.3 3.9 4.3 3.9 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3	7TD 1 1 0 3 4 4 0 2 2 2 9 3 3 6 6 6 6 5 5 0 8 4 1 7TD 1 1 2 2 6 6 0 3 3 0 1 1 0 0
Second 1,000 1,0	Ubor 12m Main indices S69590 Dow Jones Nikele FTES 100 FTES 100 ACAC MIB MACAC MACAC MIB MACAC MIB MACAC MIB MACAC MIB MACAC MACAC MACAC MACAC MIB MACAC	2.75 ck markete c kernarkete c	0 Daily 2 Daily 3 Dail	Veckly 2.8 2.5 2.2 2.8 2.1 1.3 2.4 1.9 3.3 3.5 4.1 1.2 0.7 1.9 1.0 1.1 2.6 0.1 1.3 3.6 0.1 1.2 0.7 1.9 1.0 1.1 0.5 0.1 1.0 0.5 0.5 0.1 1.9 0.6 2.6 2.2 1.8	13 Morthly 0.1 0.8 3.2 3.9 2.8 2.1 3.1 4.3 3.0 7 2.0 3.4 4.3 3.9 4.2 2.9 4.2 4.3 5.7 6.4 4.3 6.4 6.4 6.4 6.4 6.5 6.6 6.6 6.6 6.6 6.6 6.6 6.6	64 YID 1 0 3 4 0 2 2 9 3 6 10 2 0 6 6 5 0 8 1 YID 1 1 2 6 0 3 0 1 1 0 4
Windows 69.2 0.5 0.8 0.1 0.3	Ubor 12m Main indices 56P900 Dow Jones Nikele FTSE 100 ETSE	2.75 ck market of level 2.716 ck market of 24.805 ck market of 24.	0 Daily 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.6 0.4 1.3 2.3 3.1 1.0 0.5 0.5 0.5 0.5 0.6 0.4 1.3 2.3 3.1 1.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0	4 Weekly 2.8 2.5 2.2 2.0 8 2.5 2.1 1.3 3.3 2.4 1.9 3.3 3.4 -0.1 1.9 3.5 4 -0.1 1.9 3.6 -1.3 3.6 -1.3 3.6 -1.3 2.6 2.2 1.8 2.1 1.9 2.6 2.2 1.8 2.1 1.9 4.4 1.9 4.4 1.9 4.5 1.9	13 Morthly 0.1 0.8 3.2 3.9 2.8 2.1 3.0 5.1 4.3 0.7 2.0 3.4 4.3 3.0 2.2 2.9 4.2 2.9 4.2 2.9 4.2 4.3 6.6 3.0 0.8 8 1.2 6.6 6.6	64 YID 1 0 3 4 0 0 2 2 9 9 3 6 6 6 6 -5 0 8 -1 YID -1 1 2 -6 0 3 0 0 -1 -7 8
HSBGC	Ubor 12m Main indices Sc82900 Dow Jones Nikele FTSE 100 EExerdoxux 50 BEX MEX ACAC ACAC MIB	2.75 ck marketz 6 kevel 2.716 24.805 22.158 7.317 3.491 9.865 12.591 2.327 3.491 9.865 12.591 12.591 12.591 12.591 12.316 4.385 112.099 925 3.091 141.4 110.3 69.5 29.9 234.5 110.3 69.5 110.3 69.5 110.3 69.5 110.3 69.5 111.7 11.7 145.0	0 Daily 0.4 0.1 1.3 0.4 0.6 0.0 0.5 0.5 0.5 0.6 1.2 1.8 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	4 Weekly 2.8 2.5 2.2 2.0 8 2.5 2.1 1.3 2.4 1.2 2.4 1.2 2.4 1.2 2.4 1.2 2.5 2.5 2.6 2.1 1.3 2.6 2.1 1.3 2.6 2.1 1.3 2.6 2.1 1.3 2.6 2.2 2.1 2.4 2.2 2.4 2.2 2.4 2.2 2.4 2.2 2.4	13 Morthly 0.1 0.8 3.2 2.8 2.1 3.0 7.7 3.9 3.0 7.7 3.9 3.0 7.7 3.9 3.0 7.7 3.9 3.0 7.7 3.9 3.0 7.7 4.4 4.5 6.6 3.0 0.8 4.5 6.6 6.6 2.3 4.2 6.6 6.6 2.3 4.2 2.9 1.2 6.6 6.6 6.2 3.9 1.2 6.6 6.6 6.2 3.9 1.2 6.6 6.6 6.2 3.9 1.2 6.6 6.6 6.2 3.9 1.2 6.6 6.6 6.2 3.9 1.2 6.6 6.6 6.2 3.9 1.2 6.6 6.6 6.2 3.9 1.2 6.6 6.6 6.2 3.9 1.2 6.6 6.6 6.6 6.2 3.9 1.2 6.6 6.6 6.6 6.2 3.9 1.2 6.6 6.6 6.2 3.9 1.2 6.6 6.6 6.6 6.2 3.9 1.2 6.6 6.6 6.6 6.2 3.9 1.2 6.6 6.6 6.6 6.2 3.9 1.2 6.6 6.6 6.6 6.2 3.9 1.2 6.6 6.6 6.6 6.2 3.9 1.2 6.6 6.6 6.2 3.9 1.2 6.0 6.6 6.2 3.9 1.2 6.0 6.6 6.2 3.9 1.2 6.0 6.6 6.2 3.9 1.2 6.0 6.0 6.2 3.9 1.2 6.0 6.0 6.2 3.9 1.2 6.0 6.0 6.2 3.9 1.2 6.0 6.0 6.2 3.9 1.2 6.0 6.0 6.2 3.9 1.2 6.0 6.0 6.2 3.9 1.2 6.0 6.0 6.2 3.9 1.2 6.0 6.0 6.2 3.9 1.2 6.0 6.0 6.2 3.9 1.2 6.0 6.0 6.2 3.9 1.2 6.0 6.0 6.2 3.9 1.2 6.0 6.0 6.2 3.9 1.2 6.0 6.0 6.2 3.9 1.2 6.0 6.0 6.2 3.9 1.2 6.0 6.0 6.2 3.9 1.2 6.0 6.0 6.2 3.9 1.2 6.0 6.0 6.0 6.2 3.9 1.2 6.0 6.0 6.0 6.2 3.9 1.2 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0	7TD 1 0 0 3 3 4 4 0 0 2 2 2 9 3 6 6 6 5 0 8 8 1 1 7TD -1 1 2 2 6 6 0 0 1 1 0 0 4 4 2 7 8 1 3 4 4
Section 14 15 15 15 15 15 15 15	Ubor 12m Ste Main indices S64900 Dow Jones Note: FISE 100 FISE 10	2.75 (c) mixtas (c) mi	0 Daily 0.4 0.1 1.4 1.3 0.6 0.5 0.5 0.5 Daily 0.1 0.0 0.5 0.6 1.2 2.3 3.1 1.0 0.6 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4 Weekly 2.8 2.5 2.2 2.8 2.1 1.3 2.4 1.9 2.4 1.2 2.6 0.5 0.5 0.1 1.9 0.6 2.2 1.8 2.1 1.9 2.6 2.4 3.2 2.4 3.2 2.4 3.2 2.4 3.2 2.4 5.6 0.8	13 Morthly 0.1 0.8 3.2 2.8 2.1 3.0 2.7 3.9 3.0 2.7 3.4 4.3 0.7 7 2.0 3.4 4.3 0.7 7 4.4 4.5 6.6 6.6 2.3 3.7 4.2 6.6 6.6 2.3 3.7 0.1 0.1 0.8	910 1 1 0 0 3 3 4 4 0 0 2 2 2 2 9 3 3 6 6 6 5 5 0 0 8 1 1 2 2 6 6 0 0 3 1 1 2 2 6 6 1 1 1 2 2 6 1 1 1 1 2 2 6 1 1 1 1
Large Sparing Indexes	Ubor 12m Stem Section	2.75 ck unktas G kurd kunktas G kunktas G kurd kunktas G 2.71.75 ck unktas G 2.71.75 c	0 Daily 0.4 0.1 1.4 1.3 0.4 0.6 0.0 0.5 0.6 1.2 1.8 0.4 1.3 3.1 1.0 0.6 0.5 0.6 0.7 0.6 0.7 0.8 0.7 0.7 0.8 0.7 0.7 0.8 0.7 0.7 0.8 0.7 0.8 0.7 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 0.9 0.9	Westly 2.8 2.5 2.2 2.0 8 3.3 3.3 5.4 1.9 2.6 2.7 0.7 1.9 4.1 1.2 2.6 -1.3 3.6 0.5 0.5 0.5 0.5 0.2 2.1 1.8 2.4 3.2 2.4 5.6 0.8 0.1 3.0 3.0 0.8 0.1 3.0 0.8 0.8 0.1 3.0 0.8 0.8 0.1 3.0 0.8 0.8 0.1 3.0 0.8 0.8 0.1 3.0 0.8 0.8 0.1 3.0 0.8 0.8 0.1 3.0 0.8 0.8 0.1 3.0 0.8 0.8 0.1 3.0 0.8 0.8 0.1 3.0 0.8 0.1 3.0 0.8 0.1 3.0 0.8 0.1 3.0 0.8 0.1 3.0 0.8 0.1 3.0 0.1 3.0 0.8 0.1 3.0	13 Monthly 0.1 8 3.2 3.2 3.9 3.9 3.9 3.1 3.0 7.7 2.0 3.4 3.9 3.4 3.9 3.4 3.9 3.4 4.2 4.4 4.5 5.6 5.6 5.0 0.0 0.8 8.2 3.3 7.1 2.0 6.6 6.3 3.0 1.2 6.6 6.5 3.3 7.7 5.2 6.6 6.5 3.3 7.7 5.2 6.6 5.3 3.7 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7	97TD 1 0 3 3 4 0 2 2 2 9 9 3 6 6 6 5 5 0 0 8 8 -1 1 0 4 1 2 2 6 6 0 4 1 3 3 0 4 1 1 3 3 3 -1 2 2 -2 2 2 2 2 2 2 2 3 3 4 4 1 1 3 3 -3 -1 2 2 -2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Medium Spanish hamiles 77,1 0,3 0,4 0,2 0,4 0,2 0,4 0,2 0,4 0	Ubor 12m Main indices 569500 Dow Jones Nikele FTSE 100 FTSE 100 ACAC MIB MACAC MACAC MIB MACAC MACAC MIB MACAC MACAC MIB MACAC	2.75 ck unktas G kurktas G kurktas G kurktas G 2.716 ck unktas G 2	0 Doilty 1.4	Weekly 2.8 2.5 2.5 2.2 0.8 9 1.9 3.3 3.5 4 1.9 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6	13 Monthly 0.1 8 3.2 9 2.8 8 3.2 9 2.8 1 3.1 3.1 3.0 5	7TD 1 0 3 4 4 0 -2 2 2 9 3 3 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
Calcium	Ubor 12m Ste Main indices S64900 Dow Jones Notes FISE 100 FISE 10	2.75 ck mixts 2 ck mix	0 Doilty 10 Doil	Weekly 2.8 2.5 2.5 2.2 0.8 9 1.9 2.5 2.5 2.1 2.4 1.9 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6	13 Monthly 0.1 8 3.2 9 2.8 8 3.2 9 2.8 1 3.1 3.1 3.0 5	7TD 1 0 3 4 4 0 2 2 2 9 3 6 6 6 6 5 5 0 0 3 4 1 2 2 6 0 0 4 4 2 7 7 8 13 3 4 1 13 3 3 -12 -2 5 0 4 4
Berkele 8.5	Ubor 12m Main indices 569500 Dow Jones Nikele FT ES 1700 59 BEX NO 59 BEX NO 50	2.75 ct mid-si c	0 billy 0.4 0.4 1.3 0.6 0.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	Weekly 28 25 22 25 22 26 8 21 13 24 19 25 27 27 27 27 27 27 27 27 27 27 27 27 27	13 Monthly 0.1 0.8 3.2 2.8 3.9 2.8 3.9 2.8 3.9 2.8 3.9 2.8 3.9 2.8 3.0 7.7 2.9 2.9 2.9 3.0 2.2 2.9 2.9 2.2 2.9 2.2 2.9 2.2 2.9 2.2 2.9 2.2 2.9 2.2 2.9 2.2 2.9 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7	7TD 1 1 0 3 3 -4 4 0 8
Comparison Com	Ubor 12m Main indices 569500 Dow Jones Nikele FTSE 100 FTSE 100 ACAC MIB MISCARCHINE M	2.75 ct mixts 2 ct mix	0 billy 0.4 0.4 0.5 0.6 0.7 0.6 0.7 0.7 0.7 0.8 0.8 0.8 0.8 0.9 0.9 0.9 0.1 0.1 0.1 0.1 0.2 0.3 0.5 0.5 0.6 0.7 0.7 0.8 0.9 0.1 0.1 0.2 0.7 0.1 0.1 0.3 0.5 0.7 0.7 0.8 0.9	Weekly 28 25 22 26 8 21 13 24 19 25 54 0.1 13 3.6 19 0.5 0.1 19 0.5 0.3 24 11 2.6 2.6 2.7 19 0.6 0.5 0.1 19 0.6 0.5 0.1 19 0.6 0.5 0.1 19 0.6 0.5 0.1 19 0.6 0.5 0.1 19 0.6 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	13 Monthly 0.1 0.8 3.2 0.8 3.2 0.8 3.2 1.3 1.1 3.1 3.0 7.0 1.3 1.4 3.0 7.7 2.2 2.9 3.0 0.2 1.5 5.0 0.2 1.5 5.0 0.2 1.5 5.0 0.2 1.5 5.0 0.8 0.2 1.2 2.3 3.7 4.4 6.4 6.4 6.4 0.7 5.2 0.7 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	64 YTD 1 0 3 4 0 -2 2 2 9 3 6 6 5 5 0 -8 8 13 1 1 1 1 2 2 7 8 1 3 1 1 1 1 1 1 0 4 0 4 0 4 0 8 0 1 1
Developed Sevel Developed Seveloped Sevelope	Ubor 12m Main indices 569500 Dow Jones Nikele FTSE 100 FTSE 100 ACAC MIB MACK ACAC MIB MACK MIB MACK MACK MIB MACK MACK MIB MACK	2.75 c markets 2	0 Dolly Do	Weekly 28 25 22 25 22 26 28 21 13 24 19 25 26 27 27 28 26 27 27 27 28 26 27 27 27 27 27 27 27 27 27 27 27 27 27	13 Morthly 0.1 0.8 3.2 0.8 3.2 1.3 1.1 1.2 1.2 1.1 1.2 1.2 1.2 1.2 1.3 1.1 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	64 YTD 1 0 3 4 4 0 -2 2 2 9 9 3 6 6 5 5 0 8 1 1 7 1 0 4 1 3 3 4 0 4 1 2 7 8 8 0 1 1 2 7
GBPUSD 1.42 0.5 0.3 1.4 5	Ubor 12m Ske Main indices S69500 Dow Jones Noted FT RE 1700 59 BEX AND	2.75 ct mid-six ct mid	0 Doily O.4 O.5	Weekly 2.8 2.5 2.2 2.3 2.4 4.1 2.2 2.4 4.1 2.2 2.5 2.2 2.4 4.1 2.2 2.5 2.5 2.2 2.4 4.1 2.2 2.5 2.5 2.2 2.4 4.1 3.0 3.6 6.1 3.0 5.5 0.1 1.2 2.5 2.5 2.5 0.1 3.0 3.0 9.5 2.2 2.4 3.0 3.0 9.5 2.2 2.4 3.0 3.0 9.5 2.5 2.5 2.5 3.2 2.4 2.4 3.0 3.0 9.3 3.0 9.3 3.0 9.5 2.5 2.5 2.7 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	13 Morthly 0.1 0.8 3.2 0.8 3.2 1.3 1.1 1.2 1.2 1.1 1.2 1.2 1.2 1.2 1.3 1.1 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	64 YTD 1 0 3 4 4 0 -2 2 2 9 9 3 6 6 5 5 0 8 1 1 7 1 0 4 1 3 3 4 0 4 1 2 7 8 8 0 1 1 2 7
USDIPY	Ubor 12m Main indices 569500 Dow Jones Nikele FT ES 1700 BEX T SE 1700 AND	2.75 ct modes 2 ct mod	0 Delity 0.4 1.13 0.6 0.0 0.5 0.5 0.5 0.6 0.1 1.2 0.6 0.0 0.5 0.5 0.5 0.5 0.6 0.1 1.2 0.6 0.0 0.5 0.5 0.5 0.6 0.1 1.2 0.6 0.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4 Weekly 28 2.5 2.2 2.3 2.4 4.1 2.2 2.4 4.1 2.2 2.5 2.2 2.4 4.1 2.2 2.4 4.1 2.2 2.5 2.5 2.2 2.4 4.1 2.2 2.5 2.5 2.2 2.4 4.1 3.0 3.6 6.5 2.2 2.4 4.1 3.0 3.5 6.5 0.1 3.0 3.5 0.5 2.2 2.4 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	13 Morthly 0.1 0.8 3.2 2.2 2.2 3.3 3.0 3.0 3.2 2.2 3.3 3.1 3.0 3.2 2.2 2.2 2.2 3.4 4.2 2.5 7.0 2.0 Morthly 6.5 6.6 6.6 6.6 6.6 6.6 6.6 6.6 6.6 6.6	64 VID 1 1 0 3 4 0 2 2 2 9 3 6 6 6 6 5 0 8 1 1 2 6 0 3 1 3 4 1 3 3 1 1 2 2 6 6 1 0 1 1 2 7 1 1 1 2 7 1 1 1 1 1 1 1 1 1 1 1
Emerging Sevel Book Weekly Mortal Vision Vi	Ubor 12m Main indices 569500 Dow Jones Nikele FTSE 100 CAC MIB MACROSTORY MIS MACROSTORY MACRO	2.75 ct modes 2 ct mod	0 Delity O.4 O.5	4 Weekly 2.8 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5	13 Monthly 0.1 13 2.9 2.9 2.9 2.1 3.0 1.7 2.0 2.0 2.2 2.9 3.7 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2	64 YID 1 0 3 3 4 4 0 2 2 2 9 9 3 6 6 6 6 5 0 8 1 1 1 2 6 0 1 1 2 6 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
ISOBRIL Genzel 3.39 0.6 0.4 3.0 4 ISOBRIL Genzel 3.99 0.6 0.4 3.0 4 ISOBRIL Genzel 3.99 0.6 0.6 0.4 3.0 4 ISOBRIL Genzel 3.90 0.1 0.1 0.5 2.4 2.9 1.0 0.5 0.5 2.4 2.9 0.5	Ubor 12m Size Marin indices Sc49500 Dow Jones Note FES 10m Size FES 20m Size Michael Si	2.75 cm modes 2.716 cm modes 2.7176 c	0 Deily 0.4 Deily 0.4 Deily 0.5 Deily 0.1 1.3 Deily 0.5 Deily 0.5 Deily 0.1 1.3 Deily	4 Weekly 28 8 25 25 25 26 8 8 8 9 1 1 3 3 3 3 3 3 5 4 4 1 2 2 4 1 1 9 3 2 4 1 2 1 2 1 3 2 4 1 2 1 3 2 4 1 2 1 3 2 4 1 2 1 3 2 4 1 3 2 1 3 2 4 1 2 1 3 2 4 1 3 2 1 3 2 4 1 3 2 1 3 2 4 1 3 2 1 3 2 4 1 3 2 1 3 2 4 1 3 3 2 2 4 1 3 3 2 2 4 1 3 3 2 2 4 1 3 3 2 2 4 1 3 3 2 2 4 1 3 3 2 2 4 1 3 3 2 2 4 1 3 3 2 2 4 1 3 3 2 2 4 1 3 3 2 2 4 1 3 3 2 4 1 3 3 2 4 1 3 3 2 4 1 3 3 2 4 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	13 Monthly 0.1 13.0 13.2 13.2 13.3 13.3 13.1 13.3 14.3 13.1 13.3 14.3 13.1 13.3 14.3 13.1 13.3 14.3 13.1 13.3 14.3 13.3 14.3 13.3 14.3 14	04 0 3 3 4 0 0 2 2 2 9 9 3 6 6 6 6 5 0 8 8 1 1 1 2 6 6 0 1 1 1 2 2 6 6 0 1 1 1 2 2 6 1 1 1 1 1 2 2 6 1 1 1 1 1 1
USBODD (Facienties) 2708 0.6 0.4 5.1 8	Ubor 12m Ste Mania Indicate Sc\$5000 Dow Jones Sc\$5000 Dow Jones Nikele Indicate Sc\$5000 Dow Jones Sc\$6000 Dow Jones Jone	2.75	0 Dolly 0.4 1.14 1.4 1.4 1.4 1.1 1.4 1.4 1.1 1.4 1.4	Weekly 2.8 years 2.5 years	133 Monthly 0.11 Monthly 1.11 M	64 YID 1 0 3 3 4 4 0 0 2 2 2 2 3 6 6 5 5 0 0 4 7 1 1 7 1 0 3 3 3 1 2 2 6 0 1 1 2 7 1 1 7 1 7 1 7 1 7 1 7 1 7 1 7 1
150MKM (Markov)	Ubor 12m Main indices 569500 Dow Jones Nikele FT ES 1700 FT	2.75 ck molecus (ck molecus (c	0 Daily 0.4 0.1 1.4 0.6 0.7 0.7 0.8 0.8 0.3 0.1 0.6 0.6 0.7 0.7 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.9 0.1 0.1 0.1 0.1 0.2 0.3 0.3 0.5 0.6 0.6 0.7 0.7 0.8 0.8 0.8 0.8 0.9 0.1 0.1 0.1 0.1 0.2 0.3 0.3 0.3 0.5 0.3 0.5 0.6 0.7 0.7 0.8 0.8 0.8 0.9	4 Westly 28 9 29 22 20 8 8 1 2 1 1 2 4 1 2 6 1 2 1 2 4 2 1 1 2 4 2 1 2 1 2 4 2 1 2 1	132 Morthly 0.18 2.28 2.39 2.8 2.1 1.30 2.7 2.2 2.9 3.9 2.2 2.9 3.0 2.1 2.1 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2	64 YID 1 0 0 3 3 4 4 0 0 2 2 2 2 3 6 6 5 5 0 0 8 8 1 1 YID 2 6 6 9 1 3 3 1 1 2 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
IACI G4.33 0.3 0.3 0.8 1	Ubor 12m White indices 569500 Dow Jones Nikele FTES 100 CAC MIB MISCAN	2.75 cm moles of mole	0 0 1 1 1 1 1 1 1 1	4 Westly 225 25 26 26 26 26 26 26 26 26 26 26 26 26 26	13 Morethy 10 10 10 10 10 10 10 10 10 10 10 10 10	VID 1 1 0 0 3 3 4 4 0 0 2 2 2 2 2 9 3 3 6 6 6 5 5 0 0 8 1 1 7 1 2 6 6 6 6 5 1 1 2 2 6 0 0 1 1 2 2 7 1 1 1 2 1 2 1 1 1 1 1 1 1 1 1
USOBUR Grusses 61.15 0.6 2.1 5.8 6	Ubor 12m Ste Mania Indicate Sc\$ 56500 Dow Jones Noted The Total State Sc\$ 56500 Dow Jones Noted The Total State Sc\$ 56500 Dow Jones Noted The Total State Sc\$ 50 BEST Comment of Total State Sc\$ 50 BEST Comment of Total State Sc\$ 50 BEST Comment of Total Sc\$ 50 BEST Comment of T	2.75 c modes 2 c	0 Dolly Do	4 Westly 225 y 22 2 0.8 8 1 2 2 2 2 1 1 2 3 2 2 1 1 2 2 2 1 1 2 2 2 2	13 Moretty 1 0.8 Moretty 2.8 3.9 2.1 3.0 7.7 3.1 3.0 7.7 3.1 3.1 4.3 3.0 7.7 3.1 4.3 3.0 7.7 3.1 4.4 3.1 4.1 3.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4	YTD 1 1 0 3 3 4 4 0 2 2 2 9 3 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
USD TRY (Turkey)	Ubor 12m Main indices 569500 Dow Jones Nikele FT ES 1700 GERCHOOLS FT ES 1700 GERCHOOLS AND MISS	2.75 ck molecus (ck molecus (c	0 1 1 1 1 1 1 1 1 1	4 (Westly) 2.5.5 (2.5.2 (2.5.4	13 Morethy 10 10 11 12 12 12 12 12 12 12 12 12 12 12 12	YTD 1 1 0 3 3 4 4 0 2 2 2 9 3 8 6 6 6 5 5 6 6 6 6 6 6 7 1 1 2 2 6 6 6 6 7 1 1 2 2 6 6 7 1 1 2 2 7 1 1 1 2 2 7 1 1 1 2 2 7 1 1 1 1
MSDRR (neba) 65,66 0,0 0,5 0,7 3	Ubor 12m White indices 569500 Dow Jones Nikele FTSE 100 FTSE 100 ACAC MIB MISCARDEN MISCARD MISCARDEN MISCARDEN MISCARDEN MISCARDEN MISCARDEN MISCARD	2.75 c modes 2 c	0 0 0 0 0 0 0 0 0 0	4 Westly 2.5 2.5 2.2 2.8 3.3 2.5 2.5 2.1 1.3 3.4 1.2 2.5 2.5 2.5 2.1 1.3 3.5 3.6 1.2 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2	13 Moretty (19 12 12 12 12 12 12 12 12 12 12 12 12 12	YTD 1 1 0 3 4 4 0 2 2 2 2 9 3 3 6 6 6 6 5 0 0 8 8 1 1 2 2 7 7 -111 YTD 3 5 4 2 2 2 8 8 8 8 1 1 1 3 3 6 6
ADDAY	Ubor 12m Ste Marin indices Sep500 Dow Jones Note Sep500 Dow Jones Dow Jon	2.75 c modes 2 c mod	0 0 0 0 0 0 0 0 0 0	4 Workly, 2.5, 2.8, 2.8, 2.8, 2.9, 2.9, 2.9, 2.9, 2.9, 2.9, 2.9, 2.9	13 Morthly 10.1 Mo	YTD 1 1 0 3 4 4 0 2 2 2 2 9 3 6 6 6 6 6 6 6 6 6 6 6 7 1 0 0 4 4 2 7 7 11 1 1 3 5 4 2 2 7 7 11 1 1 3 6 6 7 3 3
Brewl Bayl Westly Monthly T1D Brest 729 18 12 10 10 WTx 68 2.2 1.7 10 13 Coppr 316 2.9 1.7 3 3 Gidd 1351 0.3 -0.1 3 3 SSF 9bot commotify 465 0.1 -0.4 5 5 SSF Brest Spot * 604 0.2 -0.9 8 7 SSF Meats Spot * 393 -0.2 1.6 5 0	Ubor 12m White indices Sep5900 Dow Jones Nikele FT ES 1700 BER Sep5900 Dow Jones Nikele FT ES 1700 BER Sep5900 BER Sep59000 BER Sep5900 BER Sep5000 BER Sep50000 BER Sep50000 BER Sep50000 BER Sep500000 BER Sep5000000000000000000000000000000000000	2.75 ck molecus (2 ck molecus	0 Dully Oct	4 Westly, 2.5 2.5 2.2 2.8 3.3 3.4 4.1 1.2 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2	133	VTD 1 1 0 3 3 4 4 0 0 2 2 2 2 9 9 3 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
WTx 68 2.2 1.7 10 13 Copper 316 2.9 1.7 3 3 God 1351 0.3 0.1 3 3 SSP Spxt commodity 4 465 0.1 0.4 5 5 SSR Deret Spxt * 604 0.2 0.9 8 7 SSR Deret Spxt * 604 0.2 0.9 8 5 7 SSR Deret Spxt * 933 0.2 1.6 5 0	Ubor 12m White indices 569500 Dow Jones Nikele FTSE 100 FTSE 100 ACAC MIB MISCARD MISCARD ACAC MIB MISCARD MISCARD M	2.75 ct modes 2 ct mod	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 Westly, 2.5, 2.6 2.8 2.9 2.8 2.9 2.9 2.9 2.9 2.1 2.1 2.1 2.2 2.2 2.2 2.3 2.4 2.5 2.7 2.7 2.7 2.8 2.7 2.8 2.8 2.9	133 Morethy (100 M	VTD 1 0 0 3 3 4 4 0 0 8 4 1 1 1 2 2 2 2 2 9 9 3 3 6 6 6 6 6 6 6 6 6 7 9 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Copper 316 2.9 1.7 3 -3 Gold 1351 0.3 -0.1 3 3 S&F Spot commodity* 465 0.1 -0.4 5 5 S&P Event Spot* 604 0.2 -0.9 8 7 S&P Metals Spot* 393 -0.2 1.6 5 0	Ubor 12m Ste Marinetices September 1 Ste Marinetices September 1 S	2.75 c modes 2 c	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 Workly, 2.5. 2.5. 2.6. 2.8. 2.8. 2.8. 2.9. 2.9. 2.9. 2.9. 2.9	133 Morethy (100 M	VTD 1 1 0 0 0 2 2 2 9 3 3 6 6 6 5 0 0 0 1 2 2 7 2 8 8 1 1 1 2 2 2 2 2 2 2 3 3 5 4 2 2 2 2 8 8 8 1 1 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3
S&P Spot commodity * 465 0.1 0.4 5 5 5 5 5 5 5 6 6 0.1 0.2 0.9 8 7 5 5 5 6 6 6 0.2 0.9 8 7 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Ubor 12m Ske White indices Sc4900 Dow Jones Sc4900 Dow Jones Note Sc4900	2.75 c modes 2 c	0	4 Weekly 2.5. 2.6 2.2 2.4 3.3 3.0 3.4 4.1 1.2 2.5 2.5 2.6 2.1 3.3 3.0 3.4 4.1 1.2 2.6 2.5 2.7 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 3.0 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6	133 Morthly 10.1 M	710 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
S&P Metals Spot * 393 -0.2 1.6 5 0	Ubor 12m White indices 569500 Dow Jones Nikele FTSE 100 FTSE 100 ACAC MIB MERCHONSON ACAC MIB MIS ACAC MIB MIS MIS MIS MIS MIS MIS MIS	2.75 c modes 2 c mod	0	4 Westly 2.5 2.8 2.8 2.8 2.8 2.9 2.9 2.1 1.3 3.1 3.1 3.1 3.1 3.1 3.2 3.3 3.3 3.3 3.3 3.4 3.4 3.5 3.5 3.5 3.5 3.6 3.7 3.7 3.7 3.8 3.8 3.8 3.9	133 Morethy (100 M	VID 11 1 2 2 9 3 3 6 6 6 5 5 0 0 6 6 6 5 5 0 0 10 0 1 1 1 2 2 5 0 0 1 1 1 2 2 5 0 1 1 1 1 2 2 5 1 1 1 1 1 2 2 1 1 1 1 1 1
	Ubor 12m White indices SeP500 Dow Jones Note Sep500 Dow Jones Dow Jones Note Sep500 Dow Jones D	2.75 c modes 2 c	0 0 0 0 0 0 0 0 0 0	4 Westly, 2.5, 2.6, 2.8, 2.8, 2.8, 2.8, 2.8, 2.9, 2.9, 2.9, 2.9, 2.9, 2.9, 2.9, 2.9	133 Morethy (10 c) 10 c)	710 11 12 2 2 2 2 2 3 6 6 6 6 6 6 6 6 6 6 6 6 6





D ebt markets	(10 <u>Y,%</u> .ch	anges in t	(p)		
US (2-vr)	2.43	3.3	12.0	Month 12	YTD 51
US GER (2-vr)	2.85	1.9	6.6	-1	38
Germany France	0.53	2.4 1.8	0.3 3.2 0.9	-4 -7	-8
Spain	0.75	-0.6 -4.6	-5.7 -9.0	-13 -25	-48 -47
Portugal	1.71 1.61 3.99	-0.8 -3.1	-9.1 -10.6	-13 -20	-40 -11
Greece Japan (2-yr)	-0.15 0.04	0.0	0.3	0 -1	-2 -1
Japan Emerging Markets		0.3 Daily	Weekly	Monthly	YTD
Brazil Chile	9.75 4.39 6.40	-6.3 0.6	-2.7 -3.3 1.5	27 -11	-51 -13
Colombia Mexico	6.40 7.38	0.2	1.5 2.8	-30 -16	-4
Peru Poland	4.87 3.02	9.5 -3.7	15.1 3.2 -18.1	25 -25	0 -29
Russia Turkey	7.40 12.34	-5.8 -33.0	-18.1 -51.0	15 -19	-23 98
India Indonesia	7.54 6.64	4.6 1.7	-51.0 -0.7 8.4	-7 -9	15
Country ris		es in bp)			
Developed Markets 10-yr sovereign spread vs Germany	level	Daily	Weekly	Monthly	YTD
France Italy	22 118	-0.6	-2.3	-3 -21	-7 -47
Portugal	108	-7.0 -3.2	-12.2 -12.3	-10	-39
Spain 2-yr sovereign spread vs Germany	68	-3.0	-8.9	-9	-39
France Italy	9 25	-0.6 -0.9	-1.5 -3.2	-2 -10	-8 -12
Portugal Spain	36 24	-3.0 -0.6	0.4 -1.2	-29 -7	-32 -3
Emerging Markets	level	Daily	Weekly	Monthly	YTD
5-yr sovereign CDS * Brazil	165	-2.6	-2	19	5
Chile Colombia	47 100	-0.1 1.3	0	2 5	-2 -5
Mexico	105	1.2	-3	0	-2
Peru Poland	48	0.1 -0.1	-4	1	-4
Russia Turkey	141 204	-5.1 -1.3	-9 -3	33 28	23 39
China India	58 74	-1.2 -1.0	-3 -1	2	8
Indonesia	96	-1.0	-1 -3	6	11
Ris Volatilty indicators (change in pp)	level	Daily	Weekly	Monthly	YTD
VIX VSTOXX	16 13	0.7 -0.2	-4 -4	-3 -3	6
EM EFT volatility Index	19	-1.2	-5	-4	2
Dollar/euro volatility EM FX volatility index	6 8	0.0 -0.1	0	-1 0	0
Credit spread (BAA) (change in bps)	173 48	-1.8 -1.4	-8 -2	-6 -12	-4 -1
US bonds volatility index Inflation expectations (%)	level	Daily	Weekly	Monthly	YTD
US Inflation expectations (5Y5Y) EZ Inflation expectations (5Y5Y)	2.39 1.69		0	0 2	7 -5
Banking 5 y CDS (hps) *	level 53	Daily -1.2	Weekly	Monthly 3	YTD 10
EZ	50	-1.5	-7	2	11
UK Large Spanish	44 42	-1.4	-6 -6	-1	7
Medium Spanish Corporate 5y CDS (bps) *	66	0.2 Daily	-3 Weekly	-2 Monthly	-9 YTD
US Non-financial EZ Non-financial	154 65	-1.2 -1.5	-4 -7	3 2	10 11
UK Non-financial	102	-0.8	-3	4	9
Interbank mar	rkets (%, che	nges in b) Weekly	Monthly	YTD
EONIA Index	-0.37	0	0	0	0
Euribor 3m Euribor 12m	-0.33 -0.19	0	0	0	0
Libor 3m Libor 12m	2.36	0	2	15 13	66 64
	k markets (0			
Main indices	level	Daily 0.4	Weekly	Monthly 0.1	YTD
S&P500 Dow Jones	2.716 24,805	0.4	2.8	0.1	0
S&P500 Dow Jones Nikkei	24,805 22,158	0.1 1.4	2.8 2.5 2.2	0.8 3.2	0 -3
S&P500 Dow Jones Nikkei FTSE 100 EuroStoxx 50	24,805 22,158 7,317 3,491	0.1 1.4 1.3 0.4	2.8 2.5 2.2 0.8 2.1	0.8 3.2 3.9 2.8	-3 -4 0
S&P500 Dow Jones Nikkei FTSE 100 EuroStoxx 50 IBBX DAX	24,805 22,158 7,317 3,491 9,865 12,591	0.1 1.4 1.3 0.4 0.6 0.0	2.8 2.5 2.2 0.8 2.1 1.3 2.4	0.8 3.2 3.9 2.8 2.1 3.1	0 -3 -4 0 -2 -2
S&P500 Dow Jones Niktei FTSE 100 EuroStoxx 50 IBEX DAX CAC	24,805 22,158 7,317 3,491 9,865 12,591 5,380	0.1 1.4 1.3 0.4 0.6 0.0 0.5	2.8 2.5 2.2 0.8 2.1 1.3 2.4 1.9	0.8 3.2 3.9 2.8 2.1 3.1 3.0	0 -3 -4 0 -2 -2 2
SAPSDO Dow Jones Nikleis FTSE 100 EELEVSTOKE 50 BEX DAX CAC MIB MIB ASSE Athens	24,805 22,158 7,317 3,491 9,865 12,591 5,380 23,778 842	0.1 1.4 1.3 0.4 0.6 0.0 0.5 0.5	2.8 2.5 2.2 0.8 2.1 1.3 2.4 1.9 3.3 5.4	0.8 3.2 3.9 2.8 2.1 3.1 3.0 5.1 4.3	0 -3 -4 0 -2 -2 2 9
SAP500 Dow Jones Nikles FFES 100 EuroStoux 50 BEX DAX CAC MIB MSG Latam* MSG Latam*	24,805 22,158 7,317 3,491 9,865 12,591 5,380 23,778 842 91,046 85,568	0.1 1.4 1.3 0.4 0.6 0.0 0.5 0.5 0.6 1.2	2.8 2.5 2.2 0.8 2.1 1.3 2.4 1.9 3.3 5.4 -0.1	0.8 3.2 3.9 2.8 2.1 3.1 3.0 5.1 4.3 0.7 2.0	0 -3 -4 0 -2 -2 -2 2 9 3 6
\$49500 Down Jones Nikel FTSE 100 EaroStox 50 EEX DAX CAC MIB MSG Latam* Blowcepa (flast) Model	24,805 22,158 7,317 3,491 9,865 12,591 5,380 23,778 842 91,046 85,568 49,111 5,371	0.1 1.4 1.3 0.4 0.6 0.0 0.5 0.5 0.6 1.2 1.8 0.4	2.8 2.5 2.2 0.8 2.1 1.3 2.4 1.9 3.3 5.4 -0.1 0.4 1.2	0.8 3.2 3.9 2.8 2.1 3.1 3.0 5.1 4.3 0.7 2.0 3.4	0 -3 -4 0 -2 -2 2 9 3 6 10 -2
SAPPSO Down Jones Nikles TFJE 10 Eurodison 50 EECX DAX CAC GAR MIR Altern Michael Mich	24,805 22,158 7,317 3,491 9,865 12,591 5,380 23,778 842 91,046 85,568 49,111 5,371 2,316	0.1 1.4 1.3 0.4 0.6 0.0 0.5 0.5 0.6 1.2 1.8 0.4 1.3	2.8 2.5 2.2 0.8 2.1 1.3 2.4 1.9 3.3 5.4 -0.1 0.4 1.2 0.7 1.9	0.8 3.2 3.9 2.8 2.1 3.1 3.0 5.1 4.3 0.7 2.0 3.4 -3.9 3.0	0 -3 -4 0 -2 -2 2 9 3 6 10 -2 0 -2
\$68500 Down Jones Nikels Nikels 1751 T-00 185X DAX CAC AMS. AMS	24,805 22,158 7,317 3,491 9,865 12,591 5,380 23,778 842 91,046 85,568 49,111 5,371 2,316 4,385 112,099	0.1 1.4 1.3 0.4 0.6 0.0 0.5 0.5 0.6 1.2 1.8 0.4 1.3 0.3 2.3 3.1	2.8 2.5 2.2 0.8 2.1 1.3 2.4 1.9 3.3 5.4 -0.1 0.4 1.2 0.7 1.9	0.8 3.2 3.9 2.8 2.1 3.1 3.0 5.1 4.3 0.7 2.0 3.4 -3.9 3.0 -2.2 -2.9	0 -3 -4 0 -2 -2 2 2 9 3 6 10 -2 0 -6 6
\$48500 Down Jones Nikel 1754 Till 500 BEX DAX CAC ASS Albans MISS	24,805 22,158 7,317 3,491 9,865 12,591 5,380 23,778 842 91,046 85,568 49,111 5,371 2,316 4,385 112,099 925 3,091	0.1 1.4 1.3 0.4 0.6 0.0 0.5 0.5 0.6 1.2 1.8 0.4 1.3 0.3 2.3 3.1 0.6 0.8	2.8 2.5 2.2 0.8 2.1 1.3 2.4 1.9 3.3 5.4 -0.1 0.7 1.9 4.1 2.6 1.3 -3.6	0.8 3.2 3.9 2.8 2.1 3.1 3.0 5.1 4.3 0.7 2.0 3.4 -3.9 3.0 -2.2 -2.9 4.2 -5.7	0 -3 -4 0 -2 -2 2 9 3 6 10 -2 0 -6 6 -5 0
SAPPSO Down Jones Nikels TFEE TOO S TENE TOO S DAY CAC CAC ASS APPENS MSC Letture " BOOLEGE OF S BOOLEGE	24,805 22,158 7,317 3,491 9,865 12,591 5,380 23,778 842 91,046 85,568 49,111 5,371 2,316 4,385 112,099 925	0.1 1.4 1.3 0.4 0.6 0.0 0.5 0.5 0.6 1.2 1.8 0.4 1.3 0.3 2.3 3.1 0.6 0.0	2.8 2.5 2.2 0.8 2.1 1.3 2.4 1.9 3.3 5.4 -0.1 0.4 1.2 0.7 1.9 4.1 2.6 -1.3	0.8 3.2 3.9 2.8 2.1 3.1 3.0 5.1 4.3 0.7 2.0 3.4 -3.9 3.0 -2.2 -2.9 -4.2 -5.7 0.2	0 -3 -4 0 -2 -2 2 9 3 6 10 -2 0 -6 6 -5 0
SAPPSO Down Jones Nikel	24,805 22,158 7,317 3,491 9,865 12,591 5,380 23,778 842 91,046 85,568 49,111 5,371 2,316 4,385 112,099 925 3,091 6,320 level	0.1 1.4 1.3 0.4 0.6 0.0 0.5 0.6 1.2 1.8 0.4 1.3 0.3 2.3 3.1 0.6 0.8 0.5	2.8 2.5 2.2 0.8 2.1 1.3 3.3 5.4 -0.1 0.4 1.2 0.7 1.9 4.1 2.6 -0.1 1.3 -3.6 -0.1 Weekly 0.5	0.8 3.2 3.9 2.8 2.1 3.1 3.0 5.1 4.3 0.7 2.0 3.4 -3.9 3.0 -2.2 -5.7 0.2 Monthly -5.0	0 -3 -4 0 -2 -2 2 2 9 3 6 10 -2 0 -6 6 -5 0 8 -1 YID
SAPPSO Down Jones Nakel	24,805 22,158 7,317 3,491 9,865 12,591 5,380 23,778 842 91,046 85,568 49,111 5,371 2,316 4,385 112,095 3,091 6,320 level 141,4 110,3 69,5	0.1 1.4 1.3 0.4 0.6 0.0 5 0.5 0.5 1.8 0.4 1.3 0.3 3.1 0.6 0.8 0.5 Daily 0.1 0.0 0.3	2.8 2.5 2.2 0.8 2.1 1.3 2.4 1.9 3.3 5.4 -0.1 0.4 1.2 0.7 1.9 4.1 2.6 -1.3 -3.6 -0.1 Weekly 0.5 -0.5	0.8 3.2 3.9 2.8 2.1 3.1 3.0 5.1 4.3 0.7 2.0 3.4 -3.9 3.0 -2.2 -2.9 -4.2 -5.7 0.2 Monthly -5.0 -3.7 -4.4	0 -3 -4 -0 -2 -2 -2 -2 -9 -3 -6 -6 -5 0 -8 -1 YTD -1 -2 -6
SAPPOD Down Jones 1986 1986 1986 1987 1987 1987 1987 1987 1987 1987 1987	24,805 22,158 7,317 3,491 9,865 12,591 5,380 23,778 842 91,046 85,568 49,111 5,371 2,316 4,385 112,099 925 3,091 6,320 level 141,4	0.1 1.4 1.3 0.4 0.6 0.0 0.5 0.6 1.2 1.8 0.4 1.3 0.3 2.3 3.1 0.6 0.8 0.5 0.8	2.8 2.5 2.2 0.8 2.1 1.3 2.4 1.9 3.3 5.4 1.0 0.4 1.2 0.7 1.9 4.1 2.6 -0.1 Weekly 0.5	0.8 3.2 3.9 2.8 2.1 3.1 3.0 5.1 4.3 0.7 2.0 3.4 -3.9 3.0 -2.2 -2.9 4.2 -5.7 0.2 Monthly -5.0 -3.7	0 -3 -4 0 -2 -2 -2 2 9 3 6 10 -2 0 -6 6 -5 0 -8 -1 11 11 2
SAPPSO Down Jones Nikel	24,805 22,158 7,317 3,491 9,865 12,591 5,380 23,778 842 91,046 85,568 49,111 5,371 2,316 4,385 112,099 925 3,091 6,320 lovel 141,4 110,3 69,5 29,9 53,8	0.1 1.4 0.6 0.0 0.5 0.6 0.6 1.2 1.8 0.4 1.3 0.3 2.3 3.1 0.6 0.8 0.5 0.5 0.6 0.8 0.7 0.7 0.1 0.0 0.1 0.0 0.3 0.3 0.3 0.3 0.4	2.8 2.5 2.2 0.8 2.1 1.3 2.4 1.9 3.3 5.4 -0.1 1.2 0.7 1.9 4.1 2.6 -1.3 -3.6 -0.1 Weekly 0.5 -0.3 -0.5 0.1	0.8 3.2 3.9 2.8 2.1 3.0 5.1 4.3 0.7 2.0 3.4 -3.9 3.0 -2.2 9 4.2 -5.7 0.2 Monthly -5.0 -3.7 4.4 -6.4 -5.6 -3.0	0 -3 -4 0 -2 -2 2 9 3 6 10 -2 0 -6 6 -5 0 8 -1 YTD -1 2 -6 0 3 0
SAPPOO DOWN JONES NAME NAME NAME NAME NAME NAME NAME NAME	24,805 22,158 7,317 3,491 9,865 12,591 5,387 842 91,046 85,568 49,111 2,316 4,385 112,099 925 3,091 6,320 level 141,4 110,3 69,5 29,9 83,69,5 29,9 10,81 10,	0.1 1.4 1.3 0.4 0.6 0.0 0.5 0.5 0.5 0.6 1.2 1.8 0.4 1.3 0.3 3.1 1.6 0.6 0.8 0.5 0.8 0.5 0.1 0.0 0.1 0.0 0.3 1.0 0.4 0.3 0.5	2.8 2.5 2.2 2.8 2.1 1.3 2.4 1.9 3.3 5.4 1.2 0.7 1.9 4.1 2.6 4.1 3.6 6.1 1.3 3.6 1.3 3.6 1.3 3.6 1.3 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	0.8 3.2 2.8 2.1 3.0 5.1 3.0 5.1 3.0 6.7 2.0 3.4 3.9 3.0 3.4 3.9 4.2 2.9 4.2 2.9 4.2 6.6 6.6 6.6 6.6 6.0 0.0 0.8	0 -3 -4 -4 -0 -2 -2 -2 -9 -3 -6 -1 -1 -1 -2 -6 -6 -5 -5 -0 -1 -1 -1 -1 -2 -6 -6 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1
SAPPSO Down Jones Nikel TSE 100 S BEX 100	24,805 22,158 7,317 3,491 9,865 12,591 5,380 23,778 842 91,046 85,568 49,111 5,371 2,316 4,385 112,099 925 3,091 6,320 level 141,4 110,3 69,5 29,9 53,091 6,320 141,4 110,3 69,5 29,9 53,091 141,4 110,3 69,5 29,9 108,3 254,5 108,3 62,2 13,5 11,7	0.1 1.4 1.3 0.4 0.6 0.0 0.5 0.5 0.6 1.2 1.8 0.4 1.3 0.3 3.1 0.6 0.8 0.5 0.5 0.1 0.0 0.1 0.0 0.4 0.3 0.5 0.1 0.0 0.4 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2.8 2.5 2.2 0.8 2.1 1.3 2.4 1.9 3.3 2.4 1.0 1.2 0.7 1.9 4.1 2.6 0.5 0.1 1.9 0.6 0.5 0.1 1.9 0.6 0.5 0.1 1.9 0.6 2.2 2.1 8.3 2.1	0.8 3.2 2.1 3.0 2.2 2.1 3.0 0.7 3.4 4.2 2.0 3.4 4.2 5.7 0.2 4.2 5.7 4.4 4.5 6.6 4.3 0.0 0.8 4.1.2 6.6 6.6 6.6 6.6 6.6 6.6 6.6 6.6 6.6 6	0 -3 -4 -0 -2 -2 -2 -9 -3 -6 -6 -5 -5 -0 -8 -1 -1 -2 -6 -6 -0 -3 -0 -1 -0 -4 -2 -7 -2 -7 -1 -0 -4 -2 -7 -2 -7 -1 -0 -4 -2 -7 -2 -7 -1 -0 -4 -4 -2 -7 -4 -4 -4 -2 -7 -4 -4 -4 -2 -7 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4
SAPPOD Down Jones Niked Nike	24,805 22,158 7,317 3,491 9,865 12,591 5,380 23,778 842 91,046 85,568 49,111 5,371 2,316 4,385 112,099 9,29 3,091 6,320 level 141,4 110,3 69,5 29,9 3,8 5,3 6,3 6,3 6,3 6,3 6,3 6,3 6,3 6,3 6,3 6	0.1 1.4 1.3 0.4 0.6 0.0 0.5 0.6 1.2 0.4 1.3 2.3 3.1 0.6 0.8 0.5 0.5 0.1 0.0 0.1 0.0 0.3 1.0 0.4 0.3 0.3 0.5 0.3 0.5 0.8	2.8 2.5 2.2 0.8 2.1 1.3 2.4 1.9 3.3 5.4 1.2 0.7 1.9 0.7 1.9 0.5 0.5 0.1 1.9 0.5 0.2 2.5 2.2 1.8	0.8 3.2 2.8 3.9 2.8 3.9 2.8 3.1 3.0 0.7 2.0 3.4 3.9 3.0 0.7 2.0 3.4 4.2 2.2 2.9 4.2 2.4 5.6 6.4 6.4 6.4 6.4 6.4 6.6 6.6 6.6 6.6 6	0 -3 -4 -0 -2 -2 -2 -2 -9 -3 -6 -6 -5 -0 -8 -1 -1 -2 -6 -6 -5 -0 -3 -1 -1 -0 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4
SAPPOO Down Jones Nakes Nakes Nakes Nakes Nakes Down So BEX OAX CAC MISC	24,805 22,158 7,317 3,491 9,865 12,591 5,380 23,778 842 91,046 85,568 49,111 5,371 2,316 4,385 112,099 925 13,091 6,320 level 141,4 110,3 69,5 29,9 53,8 254,5 108,3 62,2 13,5 11,7 14,2 3,1	0.1 1.4 1.3 0.4 0.6 0.0 0.5 0.6 0.5 0.6 1.2 1.8 0.4 1.3 0.3 3.1 0.6 0.8 0.5 0.1 0.0 0.1 0.0 0.3 1.0 0.4 0.3 0.3 0.5 0.3 0.5 0.6 0.7 0.7	2.8 2.5 2.2 0.8 2.1 1.3 2.4 1.9 3.3 2.4 1.2 2.4 1.2 2.6 0.1 1.9 0.5 0.1 1.9 0.5 0.1 1.9 0.5 0.1 1.9 0.5 0.1 1.9 0.5 0.1 1.9 0.6 0.5 0.1 1.9 0.6 0.6 2.2 2.4 3.2 2.4 3.2 2.4 2.2 2.4	0.8 3.2 2.1 3.1 3.0 0.7 2.0 3.4 4.3 9.9 3.0 7.2 2.2 2.9 5.7 0.2 4.9 4.5 4.6 6.6 3.0 0.0 8.1 2.2 6.6 6.6 2.3 1.3	0 -3 -4 -0 -2 -2 -2 -9 -3 -6 -6 -5 -5 -0 -8 -1 -1 -2 -6 -6 -5 -0 -4 -1 -2 -7 -8 -1 -1 -3 -4 -1 -1 -2 -4 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1
SAPPSO Down Jones Nikel 175 E 100 S BEX DAX CAC MIREX DAX CAC MIREX MISC Claten* Intowers Bisson MISC Claten* Intowers Bisson MISC Claten* Intowers Bisson MISC Claten* Intowers Bisson MISC DI Miscon MISCO	24,805 22,158 7,317 3,491 9,865 12,591 5,380 23,778 842 91,046 85,568 49,111 2,316 4,385 112,093 6,320 level 141,4 110,3 69,5 29,9 53,8 254,5 110,3 62,2 13,5 117,7 14,2 3,1 45,0 17,8	0.1 1.4 1.3 0.4 0.6 0.0 0.5 0.6 0.5 0.6 1.2 1.8 0.3 3.1 1.3 0.3 3.1 1.0 0.6 0.8 0.5 0.1 0.1 0.0 0.1 0.3 0.5 0.3 0.5 0.3 0.5 0.7 0.8 0.5	2.8 2.5 2.2 0.8 2.1 1.3 2.4 1.9 3.3 5.4 0.1 1.2 0.7 1.9 4.1 1.2 0.5 0.5 0.1 1.9 0.6 2.5 0.1 1.9 0.6 2.5 2.2 1.8 2.1 2.4 3.2 2.4 5.6 0.8	0.8 3.2 3.9 2.8 3.9 2.8 3.9 2.8 3.9 2.1 3.1 3.1 3.0 5.1 4.3 3.0 9.7 2.0 3.4 4.3 3.9 3.0 4.2 2.2 2.9 3.0 0.2 4.2 4.2 4.2 4.2 4.2 4.2 4.3 6.4 4.4 4.4 6.4 4.4 6.4 6.6 6.6 6.6 6.6	0 3 4 0 0 2 2 9 9 3 6 6 10 0 0 6 6 6 5 5 0 0 8 4 1 1 2 6 6 0 0 1 1 0 0 4 1 2 7 8 1 3 1 3 1 3 3 3 3 3 4 1 1 3 3 3 3 5 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPPSO Down Jones Niked	24.805 7.317 7.317 9.865 12.591 1.5380 23.778 842 91.046 49.111 2.316 4.385 112.099 25 3.091 141.44 4.385 110.93 55.8 65.568 49.111 65.568 49.111 65.568 49.111 65.568 49.111 65.568 49.111 65.568 49.111 65.568 49.111 65.568 49.111 65.568 67.111 67.	0.1 1.4 1.3 0.4 0.6 0.0 0.5 0.5 0.5 0.6 1.2 1.8 0.4 1.3 2.3 3.1 0.5 0.5 0.5 0.5 0.6 0.1 0.0 0.4 0.3 0.5 0.5 0.6 0.8 0.5 0.6 0.8 0.5 0.8 0.5 0.8 0.7 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	2.8 2.5 2.2 2.8 2.1 1.3 2.4 4.1 1.9 3.3 5.4 4.0.1 1.2 6.0 1.1 2.6 0.1 1.2 0.5 0.1 1.2 0.5 0.1 0.5 0.5 0.1 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.8 3.2 3.9 2.8 3.9 2.8 3.9 2.1 3.1 3.1 3.0 5.1 4.3 3.0 7.7 2.0 3.4 4.3 3.9 2.2 2.9 2.5 7.7 2.0 Morthly 5.0 0.0 0.8 3.7 4.4 4.5 6.6 2.3 3.7 3.7 0.1 3.7 0.1 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7	3 4 0 0 2 2 2 2 9 3 3 6 6 10 0 6 6 6 5 0 0 0 3 0 0 1 1 0 0 4 1 1 2 2 7 8 13 3 4 13 3 3 3 3 12 12
SAPPOO Down Jones Naked	24,805 22,158 7,317 7,31	0.1 1.4 1.3 0.4 1.3 0.6 0.0 0.5 0.5 0.5 0.6 1.2 1.8 0.4 1.3 2.3 2.3 2.3 2.3 3.1 0.6 0.8 0.5 0.5 0.5 0.6 0.0 0.3 0.3 0.5 0.5 0.6 0.8 0.8 0.5 0.8 0.7 0.8 0.7 0.8 0.5 0.7 0.8 0.5 0.1 1.0	2.8 2.5 2.2 0.8 3.3 3.4 4.1 1.9 3.3 5.4 4.1 1.2 6.1 1.3 3.6 6.3 1.3 3.6 6.3 1.3 3.0 3.0 3.3 3.0 3.0 3.0 3.0 3.0 3.0 3	0.8 3.2 3.9 2.8 2.1 3.1 4.3 3.0 5.1 4.3 3.0 4.3 3.0 4.2 2.2 2.2 2.5 7.2 0.2 5.7 4.4 4.5 6.6 6.2 3.3 3.7 0.1 2.5 6.6 6.6 2.3 3.7 0.1 5.2 7.5 5.2 7.1 4.4 7.5 6.6 6.6 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5	3 4 4 0 -2 -2 2 2 9 3 6 6 10 -2 0 6 6 5 0 8 1 1 2 6 6 0 0 -1 1 2 -6 6 0 0 -1 1 2 -7 8 13 4 13 3 -3 12 -2 5 5
SAPPSO Down Jones Nikel	24.805 2.2158 7.317 8.825 2.3178 8.82 2.3178 8.82 2.3178 8.82 2.3178 8.82 2.3178 8.82 2.3178 8.82 2.3178 8.82 2.3178 8.82 2.3178 8.82 2.3178 8.82 2.3178 8.82 2.3178 8.82 2.315 8.315	0.1 1.4 1.3 0.4 0.6 0.0 0.5 0.5 0.5 0.6 1.2 1.8 0.4 1.3 0.3 2.3 2.3 0.5 0.5 0.5 0.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2.8 2.5 2.2 2.4 1.9 3.3 3.4 1.2 2.4 1.9 1.2 2.4 1.9 1.2 2.4 1.9 1.2 2.6 1.3 2.6 2.6 2.1 1.3 3.3 5.4 1.2 2.6 1.3 2.6 2.5 2.2 2.4 1.3 2.5 2.5 2.5 0.1 1.0 2.6 2.6 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7	0.8 3.2 3.9 2.8 2.1 3.1 3.0 7.7 3.0 7.7 3.0 7.7 3.9 3.0 7.7 2.2 2.9 4.2 2.9 4.2 4.4 4.4 6.4 6.4 6.4 6.6 6.6 6.3 0.0 0.8 3.1 3.3 7.7 0.2 7.5 2.7 5.1 4.4 0.7 0.1 7.5 5.2 7.7 5.	0 3 4 4 0 0 2 2 2 2 2 9 3 6 6 6 6 5 0 8 4 1 1 2 6 6 0 0 3 3 0 1 1 0 4 4 2 7 8 13 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
SAPPSO Down Jones 1986 1986 1986 1987 1987 1987 1987 1987 1987 1987 1987	24,805 7,317 9,865 5,380 842 85,568 842 85,568 844 81,111 2,211 4,218 112,991 12,991 10,911 12,991 10,911 12,991 10,911 11,911 12,911 14,14 14,14 15,14 16	0.1 1.4 1.3 0.4 0.6 0.0 0.5 0.5 0.5 0.6 1.2 1.8 0.4 0.6 0.0 0.5 0.6 1.2 0.6 0.3 0.3 0.5 0.6 0.3 0.3 0.5 0.6 0.7 0.8 0.7 0.8 0.7 0.8 0.7 0.8 0.1 1.0 0.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	2.8 2.5 2.2 0.8 2.1 1.3 3.3 5.4 1.9 2.6 0.1 1.2 2.6 0.5 0.5 0.1 1.9 0.6 2.2 2.4 2.4 2.4 2.5 0.5 0.1 3.0 0.5 0.3 2.5 2.7 2.3 3.9 9.9 2.5 2.7 2.3 3.9 2.9 2.5 2.7 2.3 3.9 2.9 2.5 2.7 2.3 3.9 2.9 2.5 2.7 2.3 3.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2	0.8 3.2 2.8 2.1 3.1 3.0 5.1 3.0 7.7 2.0 2.2 2.9 4.2 2.2 2.9 4.2 2.2 2.9 4.2 2.2 2.9 4.2 2.2 2.9 4.2 2.2 2.9 4.2 2.2 2.9 4.2 2.7 5.0 0.0 0.8 5.6 6.6 6.3 3.0 7.7 4.4 4.4 6.6 6.3 3.0 7.7 4.4 4.4 6.4 6.5 7.5 2.0 7.5 2.7 6.6 0.6 0.6 0.8 7.5 2.7 6.6 0.6 0.6 0.6 0.8 7.5 2.7 6.7 6.7 6.7 6.7 6.7 6.7 6.7 6.7 6.7 6	0 3 4 4 0 0 -2 -2 2 9 3 6 6 10 0 -6 6 6 5 0 8 -1 171 2 6 6 0 3 0 0 -1 1 0 0 4 4 13 3 -1 2 2 5 5 0 0
SAPPOO Down Jones Niked	24.805 7.317 7.317 9.865 7.317 9.865 9.104 9.104 9.104 9.104 9.104 10.306 6.320 10.406 6.320 10.406 10.306	0.1 1.4 1.3 0.4 0.6 0.0 0.0 0.5 0.5 0.5 0.6 1.2 1.8 1.3 0.3 3.1 1.3 0.3 0.1 0.6 0.8 0.5 0.5 0.1 0.0 0.0 0.3 0.0 0.0 0.3 0.0 0.1 0.0 0.3 0.5 0.3 0.5 0.1 0.1 1.1 1.3 1.1 1.4 0.3	2.8 2.5 2.2 2.8 2.1 1.3 3.3 3.3 5.4 1.9 2.6 2.1 1.2 2.6 2.6 2.1 1.9 0.6 2.2 2.8 2.1 1.9 0.6 0.1 1.9 0.1 1.9 0.6 0.1 1.9 0.	0.8 3.2 2.8 2.1 3.1 3.1 3.0 5.	0 3 4 4 0 2 2 2 2 2 9 3 3 6 6 6 5 5 0 6 6 6 5 1 1 1 1 2 2 6 6 0 0 3 3 0 0 4 1 2 2 7 5 0 0 4 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
SAPPSO Down Jones Nakes	24.805 7.317 7.317 9.865 7.317 9.865 9.1016	0.1 1.4 1.3 0.4 0.6 0.0 0.0 0.5 0.5 0.5 0.6 1.2 1.8 0.4 1.3 0.3 3.1 1.0 0.6 0.8 0.5 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	288 25 22 26 28 21 13 24 19 33 24 19 33 54 -0.1 19 4.1 26 0.7 19 10 10 10 10 10 10 10 10 10 10 10 10 10	0.8 3.2 2.8 2.1 3.0 2.8 2.1 3.0 3.1 3.0 3.1 3.0 3.1 3.0 3.1 3.0 3.4 3.9 3.0 3.4 3.9 3.0 3.4 3.9 3.0 3.0 3.7 3.0 3.0 3.0 3.0 3.7 3.0 3.0 3.7 3.7 3.0 3.0 3.7 3.7 3.0 3.0 3.7 3.7 3.0 3.0 3.7 3.7 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	0 3 4 4 0 2 2 2 9 9 3 6 6 6 5 5 6 0 8 4 1 9 10 0 4 4 13 3 3 4 12 2 5 5 0 4 0 8 8 0 1 1 2
SAPPSO Down Jones 1984 1984 1985 1985 1985 1985 1985 1985 1985 1985	24.805 7.317 9.8681 7.317 9.8682 91.046 49.111 1.5591 0.929 1.414.4 1.388 1.652 1.652 1.71 1.71 1.71 1.71 1.71 1.71 1.71 1.7	0.1 1.4 1.3 0.4 0.6 0.0 0.5 0.6 0.5 0.6 1.2 1.8 0.3 2.3 2.3 3.1 0.6 0.5 0.6 0.1 0.0 0.5 0.6 0.1 1.0 0.1 0.0 0.5 0.6 0.1 1.1 1.3 0.8 0.5 0.1 0.0 0.1 1.1 1.3 0.8 0.5 0.1 0.0 0.3 0.5 0.1 0.0 0.0	288 2.5 2.2 2.8 2.8 2.1 3.3 2.4 4.1 1.9 3.3 5.4 4.1 1.2 0.7 1.9 4.1 2.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3	0.8 3.2 2.8 2.1 3.0 2.8 2.1 3.0 2.8 2.1 3.0 2.7 2.0 3.4 4.2 2.5 5.0 2.2 2.9 3.0 3.7 3.0 3.7 3.0 3.7 3.7 3.0 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7	0 3 4 4 0 2 2 2 9 3 6 6 6 6 5 0 8 1 1 2 6 6 6 6 5 1 3 3 3 3 3 1 2 7 2 7 5 0 0 4 0 8 0 0 1 1
SAPPOD Down Jones Näbel	24.805 7.317 9.8681 7.317 9.8682 91.046 49.111 1.5591 0.929 1.414.4 1.388 1.652 1.652 1.71 1.71 1.71 1.71 1.71 1.71 1.71 1.7	0.1 1.4 1.3 0.4 0.6 0.0 0.5 0.6 0.6 0.5 0.6 0.6 1.2 1.8 0.3 2.3 3.1 0.6 0.5 0.6 0.6 0.7 0.7 0.7 0.8 0.8 0.5 0.8 0.5 0.8 0.9 0.1 0.1 0.1 0.1 0.1 0.1 0.1 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	2.8 2.5 2.2 2.6 0.8 2.1 1.3 2.4 1.9 2.5 5.4 1.2 2.6 1.3 2.4 1.2 2.5 1.3 2.4 1.2 2.5 1.3 2.6 1.3 2.6 1.3 2.6 1.3 2.6 1.3 2.6 1.3 2.6 1.3 2.6 2.5 2.7 2.5 2.5 2.7 2.3 2.4 0.0 0.3 3.9 2.5 2.7 2.3 2.4 0.0 0.3 3.7 2.4 4.0 0.0 3.3 2.4 4.0 4.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5	0.8 3.2 2.8 2.1 3.0 7.2 0.2 3.9 9.2 2.8 2.1 3.0 7.7 2.0 3.4 4.3 3.9 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2	0
SAPPOO Down Jones Naked	24.805 22,158 7.317 7.31	0.1 1.4 1.3 0.4 0.6 0.0 0.5 0.6 0.6 0.5 0.6 0.6 1.2 1.8 0.3 2.3 3.1 0.6 0.5 0.6 0.6 0.7 0.8 0.8 0.5 0.7 0.1 0.0 0.1 0.1 0.0 0.3 0.5 0.5 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2.8 2.5 2.2 2.6 0.8 2.1 1.3 2.4 1.2 2.6 0.5 0.5 0.1 1.9 0.5 0.3 2.4 2.6 0.6 0.5 0.1 1.9 0.5 0.3 0.9 0.5 0.6 0.6 0.5 0.1 1.9 0.5 0.3 0.9 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0.8 3.2 2.8 2.1 3.0 0.7 2.0 2.3 9.9 4.2 2.7 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2	0 3 4 4 0 2 2 2 9 9 3 6 6 6 6 5 0 0 8 4 1 1 2 2 6 0 4 4 0 2 2 7 7 1 1 1 2 7 7 1 1 1 2 7 7 1 1 1 1
SAPPOD Down Jones SAPPOD Down Jones SAPPOD Down Jones SAPPOD	24.805 (22.158 23.15) (23.15)	0.1 1.4 1.3 0.4 0.6 0.0 0.5 0.6 0.6 0.5 0.6 0.6 1.2 1.8 0.3 2.3 3.1 0.6 0.5 0.6 0.6 0.9 0.1 1.0 0.1 0.3 0.5 0.3 0.5 0.6 0.1 1.0 0.1 0.3 0.5 0.5 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2.88 2.5 2.2 2.8 2.1 1.3 2.4 1.3 2.4 1.3 2.4 1.4 1.2 1.7 1.9 1.1 2.6 1.3 2.6 1.1 2.6 1.3 2.6 1.1 2.6 0.1 1.2 2.6 0.3 1.3 2.6 0.1 1.9 0.5 0.5 0.1 1.9 0.6 0.5 0.1 0.9 0.6 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.8 3.2 2.8 2.1 3.0 3.1 4.3 3.0 7.7 2.0 9.3 3.0 9.2 2.9 2.9 2.9 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2	0 -3 -4 -0 -2 -2 -2 -2 -3 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -7 -1 -1 -2 -6 -6 -1 -1 -1 -2 -6 -1 -1 -1 -2 -2 -5 -5 -1 -1 -1 -2 -2 -5 -5 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1
SAPPOD Down Jones SAPPOD Down Jones SAPPOD Down Jones SAPPOD	24.805 22,158 7.317 7.31	0.1 1.4 1.3 0.4 0.6 0.0 0.5 0.6 0.6 0.5 0.6 1.2 1.8 0.3 2.3 2.3 2.3 1.0 0.4 1.3 0.6 0.5 0.5 0.6 0.7 0.8 0.3 0.5 0.1 1.1 1.4 0.6 0.5 0.1 1.0 0.1 1.1 1.3 0.8 0.5 0.1 1.1 1.4 0.8 0.5 0.5 0.1 1.1 1.4 0.8 0.8 0.5 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	2.88 2.5 2.2 2.8 2.1 3.3 2.4 3.1 3.5 4 -0.1 1.9 3.3 5.4 -0.1 1.9 3.3 6.6 -0.1 1.9 0.6 -0.6 -0.6 -0.6 -0.6 -0.1 1.9 -0.6 -0.6 -0.1 -0.9 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6	0.8 3.2 2.8 2.1 3.0 3.2 2.8 2.1 3.0 3.1 4.3 3.0 3.1 4.3 3.0 3.4 4.2 2.2 2.9 3.0 3.0 3.4 4.2 2.5 5.0 3.3 3.9 3.0 3.0 3.1 4.3 3.9 3.0 3.0 3.1 4.3 3.9 3.0 3.0 3.1 4.3 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3	0 -3 -4 -4 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9
SAPPOD DOWN JONES NAME NAM	24.805 22.158 23.17 24.18 25.1	0.1 1.4 1.3 0.4 0.6 0.0 0.0 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	2.88 2.5 2.2 2.8 2.1 3 2.4 4 1.2 2.6 4.3 2.6 2.6 2.2 2.8 2.1 3 2.4 4 2.6 2.6 2.2 2.8 2.1 3 2.2 4 2.6 2.6 2.2 2.8 2.1 3 2.2 4 2.2 2.8 2.1 3 2.2 4 2.3 2.2 2.4 2.3 2.2 2.4 2.3 2.2 2.4 2.3 2.2 2.4 2.3 2.2 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5	0.8 3.2 2.8 2.1 3.0 3.2 2.8 2.1 3.0 3.1 4.2 2.7 2.7 3.9 3.0 2.2 2.2 9.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4	0 - 3 - 4 - 0 - 2 - 2 - 2 - 2 - 9 - 9 - 3 - 6 - 6 - 5 - 0 - 8 - 1 - 1 - 1 - 2 - 6 - 6 - 5 - 0 - 4 - 1 - 1 - 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2
SAPPOD Down Jones SAPPOD Down Jones SAPPOD Down Jones SAPPOD	2.48.05. 7.317.	0.1 1.4 1.3 0.4 0.6 0.5 0.6 0.6 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	2.8 2.5 2.2 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6	0.8 3.2 2.8 2.1 3.9 3.0 3.1 3.0 3.1 3.9 3.0 3.4 4.3 3.0 3.1 3.9 3.0 3.4 4.3 3.9 3.0 3.4 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1	0 -3 -4 -4 -4 -2 -7 -11 -10 -4 -4 -2 -7 -11 -10 -4 -4 -2 -7 -11 -10 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4
SAPPSO Down Jones Niked	24.805. 7.317. 7	0.1 1.4 1.3 0.6 0.5 0.5 0.6 1.2 0.6 0.1 1.8 0.4 0.3 0.3 0.3 0.1 0.6 0.5 0.5 0.1 0.6 0.1 1.8 0.6 0.8 0.8 0.9 0.1 1.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0	2.8 2.5 2.2 2.8 2.1 1.9 2.6 2.6 2.6 2.1 1.9 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6	0.8 3.2 2.8 2.1 3.0 0.3 4.4 3.3 0.2 2.2 2.9 3.9 3.0 0.2 4.2 6.5 6.6 6.6 6.6 6.6 6.6 6.6 6.6 6.6 6.6	0 - 3 - 4 - 0 - 2 - 2 - 2 - 2 - 2 - 3 - 3 - 4 - 1 - 1 - 2 - 2 - 5 - 0 - 6 - 5 - 0 - 6 - 5 - 0 - 6 - 5 - 0 - 1 - 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2
SAPPSO Down Jones Niked	2.48.05. 2.2158 2.3179 2.3179 2.3170	0.1 1.4 1.3 0.6 0.6 0.5 0.5 0.5 0.6 1.2 0.6 1.8 0.4 0.3 0.3 0.3 0.5 0.6 0.1 1.8 0.6 0.6 0.1 1.8 0.6 0.6 0.1 1.8 0.6 0.6 0.1 0.0 0.1 0.0 0.0	2.8 2.5 2.2 2.8 2.1 1.9 2.8 2.5 2.2 2.4 4.1 2.6 2.5 2.2 2.1 2.1 2.6 2.5 2.7 2.5 2.5 2.7 2.5 2.5 2.7 2.5 2.5 2.7 2.5 2.5 2.7 2.5 2.5 2.7 2.5 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7	0.8 3.2 2.8 3.9 3.2 2.8 3.9 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	0 3 4 0 2 2 2 2 3 3 6 6 6 6 6 6 6 6 6 6 6 6 6 6
SAPPSO Down Jones Nikel	24.805 2.2158 2.	0.1 1.4 1.3 1.4 1.3 0.6 0.5 0.5 0.5 0.6 1.2 1.8 0.4 1.3 1.3 0.3 3.1 1.0 0.5 0.5 0.6 1.2 1.8 0.4 1.3 0.3 0.3 1.0 0.5 0.5 0.1 1.1 1.3 0.3 0.3 0.5 0.5 0.1 1.1 1.3 0.3 0.5 0.5 0.1 1.1 1.3 0.3 0.3 0.5 0.5 0.1 1.1 1.3 0.3 0.5 0.5 0.1 0.5 0.1 0.5 0.6 0.5 0.6 0.7 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	2.8 2.5 2.2 2.8 2.1 1.9 2.4 4.1 1.2 5.6 2.5 2.2 2.8 2.1 1.9 2.4 4.1 1.2 5.6 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5	0.8 3.2 2.8 3.9 3.2 2.8 3.2 2.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3	0 - 3 - 4 - 4 - 2 - 2 - 2 - 3 - 3 - 4 - 4 - 4 - 2 - 2 - 2 - 3 - 3 - 3 - 3 - 3 - 3 - 3
SAPPSO Down Jones Niked	2.48.05. 2.2158 2.3171 2.3171 2.316 2.316 2.3171 2.316	0.1 1.4 1.3 0.6 0.6 0.5 0.5 0.5 0.6 0.1 1.8 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.5 0.5 0.5 0.6 0.1 1.8 0.6 0.7 0.8 0.7 0.8 0.7 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	2.8 2.5 2.2 2.8 2.1 1.9 2.4 1.9 2.4 1.9 2.5 2.5 2.2 2.8 2.1 1.9 2.4 2.4 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5	0.8 3.2 2.8 3.9 3.2 2.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3	0 3 4 0 0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
SAPPSO Down Jones Nikele Nikel	2.48.05. 2.2158 2.3179	0.1 1.4 1.3 0.6 0.6 0.5 0.5 0.5 0.6 1.2 0.6 1.2 0.6 0.1 0.3 0.3 0.5 0.5 0.5 0.6 0.1 1.8 0.4 0.6 0.3 0.3 0.5 0.6 0.1 1.8 0.6 0.1 0.1 0.1 0.1 0.1 0.3 0.8 0.5 0.5 0.1 0.0 0.3 0.5 0.3 0.5 0.3 0.5 0.3 0.5 0.5 0.6 0.1 0.0 0.3 0.5 0.3 0.5 0.5 0.5 0.6 0.6 0.7 0.8 0.8 0.5 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	2.8 2.5 2.2 2.4 1.9 3.3 3.4 1.2 2.4 1.9 3.5 4.1 1.2 1.3 5.4 1.2 1.3 5.4 1.2 1.3 5.4 1.2 1.3 5.4 1.2 1.3 5.4 1.2 1.3 5.4 1.2 1.3 5.4 1.3 5.4 1.2 1.3 5.4 1.3 5.	0.8 3.2 3.3 3.0 3.2 3.1 3.1 3.0 5.1 3.2 3.0 3.0 3.2 3.1 3.1 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	0 - 3 - 4 - 0 - 0 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2
SAPPSO Down Jones Nikel	24.805.2 24.805.2 22.158.2 23.179.2 23.179.2 23.179.2 23.179.2 23.179.2 23.179.2 23.179.2 23.179.2 23.179.2 23.179.2 23.179.2 23.179.2 23.179.2 23.179.2 23.179.2 23.179.2 23.179.2 23.179.2 23.179.2 24.179.2 25.	0.1 1.4 1.3 1.6 0.6 0.6 0.5 0.5 0.5 0.5 0.6 1.2 0.6 0.1 0.8 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	2.88 2.5 2.2 2.5 2.2 2.5 2.2 2.1 2.3 2.4 1.9 2.4 1.9 2.4 1.9 2.4 1.9 2.4 2.6 0.7 1.9 0.7 1.9 0.7 1.9 0.7 1.9 0.7 1.9 0.7 1.9 0.7 1.9 0.7 1.9 0.9 0.7 1.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0	0.8 3.2 3.9 3.2 3.1 3.2 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1	0 3 4 0 0 2 2 2 2 2 2 2 2 3 3 6 6 6 6 6 6 6 6 6 6
SAPSOO Down Jones Nibed	2.48.05. 2.2158 2.3179	0.1 1.4 1.3 1.4 1.3 1.4 1.3 1.4 1.3 1.6 0.6 0.0 0.5 0.5 0.5 0.5 0.5 0.6 1.8 0.8 1.8 0.8 0.8 1.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0	2.8 2.5 2.2 2.4 1.9 3.3 3.4 1.2 2.4 1.9 3.5 4.1 1.2 1.3 5.4 1.2 1.3 5.4 1.2 1.3 5.4 1.2 1.3 5.4 1.2 1.3 5.4 1.2 1.3 5.4 1.2 1.3 5.4 1.3 5.4 1.2 1.3 5.4 1.3 5.	0.8 3.2 3.9 3.0 5.1 3.1 3.0 5.	0 - 3 - 4 - 4 - 2 - 2 - 2 - 2 - 3 - 6 - 6 - 5 - 5 - 6 - 6 - 5 - 5 - 6 - 6
SAPPOO DOWN JONES NAME NAME NAME NAME NAME NAME NAME NAME	2.48.05. 2.2158 2.3179 2.3179 2.3170	0.1 1.4 1.3 1.4 1.3 1.4 1.3 1.4 1.3 0.6 0.0 0.5 0.5 0.5 0.5 0.5 0.5 0.6 0.1 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	2.88 2.52 2.25 2.52 2.52 2.52 2.52 2.52	0.8 3.2 3.3 3.0 3.2 3.3 3.0 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1	0 - 3 - 4 - 4 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 3 - 3 - 3
SAPPOD DOWN JONES SAPPOD DOWN JONES SAPPOD DOWN JONES SAPPOD SAPP	2.48.05. 2.2158 2.3171 2.3172	0.1 1.4 1.3 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.6 0.6 0.0 0.6 0.5 0.5 0.5 0.5 1.8 0.4 1.3 1.3 2.3 1.0 0.4 1.3 0.3 0.5 0.3 0.3 0.3 0.5 0.3 0.3 0.5 0.6 0.8 0.8 0.8 0.9 0.9 0.1 1.0 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	2.88 2.52 2.52 2.52 2.52 2.52 2.52 2.52	0.8 3.2 3.3 3.0 3.2 3.3 3.0 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1	0 - 3 - 4 - 4 - 2 - 2 - 2 - 2 - 2 - 3 - 3 - 4 - 4 - 4 - 2 - 2 - 2 - 2 - 2 - 3 - 3 - 3 - 3 - 3
SAPSOO DOWN JONES NINES	2.48.05. 2.2158 2.2158 2.3171 2.3171 2.3172 2.3178 2.3178 2.3178 2.3178 2.3178 2.3178 2.3178 2.3178 2.3178 2.3178 2.3178 2.31110.3 2.3178 2.3178 2.3178 2.3178 2.3178 2.3178 2.3178 2.3178 2.318	0.1 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1	2.88 2.52 2.52 2.52 2.52 2.52 2.52 2.52	0.8 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2	0 - 3 - 4 - 4 - 2 - 2 - 2 - 2 - 2 - 3 - 3 - 3 - 3 - 3
SAPSOO Down Jones Nibot	2.48.05. 2.2150 2.2150 2.3371	0.1 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1	2.88 2.52 2.52 2.52 2.52 2.52 2.52 2.52	0.8 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2	0 -3 -4 -4 -2 -2 -2 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3
SAPSOO Down Jones Nibosi Nibos	2.48.05. 7.317.	0.11 1.41 1.43 1.44 1.40 0.66 0.00 0.55 0.66 0.67 0.67 0.67 0.67 0.67 0.67 0.67	2.8 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5	0.8 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2	0 - 3 - 4 - 4 - 2 - 2 - 2 - 2 - 2 - 3 - 3 - 3 - 3 - 3
SAPSOO Down Jones Nibot	2.48.05. 2.2158 2.2158 2.3171 2.3171 2.3172	0.11 1.4 1.14 1.14 1.14 1.14 1.14 1.14 1	2.88 2.52 2.52 2.52 2.52 2.52 2.52 2.52	0.8 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2	0 - 3 - 4 - 4 - 2 - 2 - 2 - 6 - 6 - 6 - 6 - 6 - 6 - 6





Debt market Developed Markets	s (10Y, %, ch	anges in I Daily	op) Week	Month	YTD
US (2-yr) US	2.43 2.85	3.3 1.9	12.0 6.6	12 -1	51 38
GER (2-yr) Germany	-0.57 0.53	1.3 2.4	0.3 3.2	-4	6
France Spain	0.75 1.22	1.8 -0.6	0.9 -5.7	-7 -13	-8 -48
Italy Portugal	1.71 1.61 3.99	-4.6 -0.8	-9.0 -9.1 -10.6	-25 -13	-47 -40
Greece Japan (2-yr)	3.99 -0.15 0.04	-3.1 0.0	-10.6 0.3 -0.5	-20 0 -1	-11 -2 -1
Japan Emerging Markets	level	0.3 Daily	Weekly	-1 Monthly	-1 YTD
Brazil Chile	9.75 4.39	-6.3 0.6	-2.7 -3.3	27 -11	-51 -13
Colombia Mexico	4.39 6.40 7.38	0.2	-3.3 1.5 2.8	-30 -16	-4 -20
Peru Poland	4.87	9.5	15.1	25 -25	-29
Russia	7.40 12.34	-5.8	3.2 -18.1	15	-23
Turkey India	7.54	-33.0 4.6 1.7	-51.0 -0.7	-19 -7	98 15 34
	6.64 isk (bp. chang	es in bp)	8.4	-9	
Developed Markets 10-yr sovereign spread vs Germany	level	Daily	Weekly	Monthly	YTD
France Italy	22 118	-0.6	-2.3	-3 -21	-7 -47
Portugal	108	-7.0 -3.2	-12.2 -12.3	-10	-39
Spain 2-yr sovereign spread vs Germany	68	-3.0	-8.9	-9	-39
France Italy	9 25	-0.6 -0.9	-1.5 -3.2	-2 -10	-8 -12
Portugal Spain	36 24	-3.0 -0.6	-1.2	-29 -7	-32 -3
Emerging Markets	level	Daily	Weekly	Monthly	YTD
5-yr sovereign CDS * Brazil	165	-2.6	-2	19	5
Chile Colombia	47 100	-0.1 1.3	0	2 5	-2 -5
Mexico	105	1.2	2	0	-2
Peru Poland	72 48	0.1 -0.1	-3 -1	1 4	-1
Russia Turkey	141 204	-5.1 -1.3	-9 -3	33 28	23 39
China India	58 74	-1.2 -1.0	-3 -1	2 5	8
Indonesia	96 isk indicators	-1.0	-3	6	11
Volatilty indicators (change in pp)	level	Daily	Weekly	Monthly	YTD
VIX VSTOXX	16 13	0.7 -0.2	-4 -4	-3 -3	6
EM EFT volatility Index Dollar/euro volatility	19	-1.2 0.0	-5 0	-4	2
EM FX volatility index	8	-0.1	0	0	0
Credit spread (BAA) (change in bps) US bonds volatility index	173 48	-1.8 -1.4	-8 -2	-12	-4 -1
Inflation expectations (%) US Inflation expectations (5Y5Y)	level 2.39	Daily	Weekly	Monthly 0	YTD 7
EZ Inflation expectations (5Y5Y) Banking 5y CDS (tips) *	1.69	Daily	1 Weekly	2 Monthly	-5 YTD
US	53	-1.2	-4	Monthly 3	10
EZ UK	50 44	-1.5 -1.4	-7 -6	-1	11
Large Spanish Medium Spanish	42 66	-1.2 0.2	-6 -3	1 -2	7
	level 154	Daily	Weekly	Monthly	YTD
US Non-financial EZ Non-financial	65	-1.2 -1.5	-4 -7	2	10
UK Non-financial Interbank m	102 arkets (%, che	-0.8 inges in b	-3 p)	4	9
	level	Daily	Weekly	Monthly	YTD
EONIA Index Euribor 3 m Euribor 12 m	-0.37 -0.33	0	0	0	0
Libor 3m	-0.19 2.36	0	2	0 15	66
Ubor 12m	2.75	0	4	13	64
Main indices	ck markets (Daily	Weekly	Monthly	YTD
S&P500 Dow Jones	2,716 24,805	0.4	2.8 2.5	0.1	1
Nikkei FTSE 100	22,158	1.4	2.2	3.2	-3
EuroStoxx 50	7,317 3,491	1.3 0.4	0.8 2.1	3.9 2.8	-4 0
IBEX DAX	9,865 12,591	0.6	1.3 2.4	2.1 3.1	-2 -2
CAC MIB	5.380 23,778	0.5	1.9	3.0 5.1	2
ASE Athens	842	0.6	5.4	4.3	3
MSCI Latam * Ibovespa (Brazil)	91,046 85,568	1.2	-0.1 0.4	0.7 2.0	6 10
Mexbol MSCI EM Europe *	49,111 5,371	0.4 1.3	1.2 0.7	3.4 -3.9	-2 0
Poland Micex 10 (Russia)	2,316 4,385	0.3	1.9 4.1	3.0 -2.2	-6 6
Ise 100 (Turkey)	112,099	3.1	2.6	-2.9	-5
MSCI EM Asia * Shanghai Com (China)	925 3,091	0.6 0.8	-1.3 -3.6	-4.2 -5.7	0 -8
Jakarta (Indonesia) Banking sector	6,320 level	0.5 Daily	-0.1 Weekly	0.2 Monthly	-1 YTD
US banks	141.4	0.1	0.5	-5.0	-1
JPM Citi	110.3 69.5	0.0 -0.3	-0.3 -0.5	-3.7 -4.4	-6
BoA MS	29.9 53.8	-0.3 1.0	0.1 1.9	-6.4 -5.6	0
GS EZ banks	254.5 108.3	0.4	0.6	-3.0 0.0	0
BNP	62.2	0.5	2.2	0.8	0
Crédit Agricole Deutsche Bank	13.5	0.3	1.8	-1.2	-4
	11.7	0.5	2.1	-6.6	-27
ING	14.2 3.1			0.6	-27 -8 13
ING Intesa SG	14.2 3.1 45.0	0.5 -0.3 0.2 0.7	2.1 2.4 3.2 2.4	0.6 2.3 -1.3	-8 13 4
ING Intesa SG Unicredito UK banks	14.2 3.1 45.0 17.8 89.2	0.5 -0.3 0.2 0.7 0.8 0.5	2.1 2.4 3.2 2.4 5.6 0.8	0.6 2.3 -1.3 3.7 -0.1	-8 13 4 13 -3
ING Intesa SG Unicredito UK banks HSBC R8S	14.2 3.1 45.0 17.8 89.2 676.5 271.1	0.5 -0.3 0.2 0.7 0.8 0.5 0.1	2.1 2.4 3.2 2.4 5.6 0.8 0.1 3.0	0.6 2.3 -1.3 3.7 -0.1 -2.7 5.2	-8 13 4 13 -3 -12 -2
ING Intesa SG Underedito UK banks HSBC RRS Barchays Llowds	14.2 3.1 45.0 17.8 89.2 676.5 271.1 214.0 67.6	0.5 -0.3 0.2 0.7 0.8 0.5 0.1 1.0 1.1	2.1 2.4 3.2 2.4 5.6 0.8 0.1 3.0	0.6 2.3 -1.3 3.7 -0.1 -2.7 5.2 -1.4 0.7	-8 13 4 13 -3 -12 -2 5 0
ING Inflesia SG Uniforcetto Uniforcetto Uniforcetto Uniforcetto Uniforcetto Uniforcetto Uniforcetto Uniforcetto Locydo Lo	14.2 3.1 45.0 17.8 89.2 676.5 271.1 214.0 67.6 81.1	0.5 -0.3 0.2 0.7 0.8 0.5 0.1 1.0 1.1 -0.1	2.1 2.4 3.2 2.4 5.6 0.8 0.1 3.0 -0.3 0.9 2.5	0.6 2.3 -1.3 3.7 -0.1 -2.7 5.2 -1.4 0.7 0.5	-8 13 4 13 -3 -12 -2 5 0 -4
ING Infriesa SG UKricredito UK banks HSBC RIS Barchys Lloyds Large Spanish banks Santander BBVA	14.2 3.1 45.0 17.8 89.2 676.5 271.1 214.0 67.6 81.1 5.5 6.5	0.5 -0.3 0.2 0.7 0.8 0.5 0.1 1.0 1.1 -0.1 1.3 1.1	2.1 2.4 3.2 2.4 5.6 0.8 0.1 3.0 -0.3 0.9 2.5 2.7 2.3	0.6 2.3 -1.3 3.7 -0.1 -2.7 5.2 -1.4 0.7 0.5 2.0 -0.9	-8 13 4 13 -3 -12 -2 5 0 -4 0 -8
ING Intrinses SG UKF-certito UK barnka HSBC BRS BRS Bratchys Lloyds Large Spanish banks Granardes Medium Spanish banks Grabanka	14.2 3.1 45.0 17.8 89.2 676.5 271.1 214.0 67.6 81.1 5.5 6.5 77.1	0.5 -0.3 0.2 0.7 0.8 0.5 0.1 1.0 -0.1 1.3 1.1 1.4 -0.3 0.8	2.1 2.4 3.2 2.4 5.6 0.8 0.1 3.0 9.3 0.9 2.5 2.7 2.3 0.4 2.4	0.6 2.3 -1.3 3.7 -0.1 -2.7 5.2 -1.4 0.7 0.5 2.0 -0.9 -0.2 4.4	-8 -13 -4 -13 -3 -12 -2 -5 -0 -4 -0 -8 0 1
ING Infoliase 55 Usincretito UK banks HSSD HSS HSSD HS	14.2 3.1 45.0 17.8 89.2 676.5 271.1 214.0 67.6 81.1 5.5 6.5 77.1	0.5 -0.3 0.2 0.7 0.8 0.5 0.1 1.0 -0.1 1.3 1.1 1.4 -0.3	2.1 2.4 3.2 2.4 5.6 0.8 0.1 3.0 0.3 0.9 2.5 2.7 2.3 0.4	0.6 2.3 -1.3 3.7 -0.1 -2.7 5.2 -1.4 0.7 0.5 2.0 -0.9 -0.2 4.4 2.6	-8 13 4 13 -3 -12 -2 5 0 -4 0 -8 0
INCO Information Grave (1980) UK boarks HSD	14.2 3.1 45.0 17.8 89.2 67.6.5 271.1 214.0 67.6 81.1 5.5 6.5 77.1 4.0 1.7 8.5 3.6	0.5 -0.3 0.2 0.7 0.8 0.5 0.1 1.0 1.1 1.3 1.1 1.4 -0.3 0.8 -0.2 -0.4 -3.1	2.1 2.4 3.2 2.4 5.6 0.8 0.1 3.0 0.3 0.9 2.5 2.7 2.3 0.4 2.4 0.0 1.6 -3.7	0.6 2.3 -1.3 3.7 -0.1 -2.7 5.2 -1.4 0.7 0.5 2.0 -0.9 -0.2 4.4	-8 -13 -4 -13 -3 -12 -2 -5 -0 -4 -0 -8 0 1
INCO Intrinsia GENERAL STATES GENERA	14.2 3.1 45.0 17.8 89.2 676.5 271.1 214.0 67.6 81.1 5.5 77.1 4.0 1.7 8.5 3.6 sed for currence level	0.5 -0.3 0.2 0.7 0.8 0.5 0.1 1.0 1.1 -0.1 1.3 1.1 1.4 -0.3 0.8 -0.2 0.4 -3.1 -y depreci	2.1 2.4 3.2 2.4 5.6 0.8 0.1 3.0 9.2 5.5 2.7 2.3 0.4 2.4 0.0 1.6 3.7 story	0.6 2.3 -1.3 3.7 -0.1 -2.7 5.2 -1.4 0.7 0.5 2.0 -0.9 -0.2 4.4 2.6 -1.9 -5.8	-8 13 4 13 -3 -12 -2 5 0 -4 0 -8 0 1 2 7 -11
INCO Información SO S	14.2 3.1 45.0 17.8 89.2 676.5 271.1 214.0 67.6 81.1 5.5 6.5 77.1 4.0 1.7 8.5 3.6 ded for currence level 1.24 1.42	0.5 -0.3 0.2 0.7 0.8 0.5 0.1 1.0 1.1 -0.1 1.3 1.1 1.4 -0.3 0.8 -0.2 0.4 -3.1 cy deprect Daily 0.5	2.1 2.4 3.2 2.4 5.6 0.8 0.1 3.0 -0.3 0.9 2.5 2.7 2.3 0.4 2.4 0.0 1.6 -3.7 ation) Weekly 0.1	0.6 2.3 -1.3 3.7 -0.1 -2.7 -5.2 -1.4 0.7 0.5 -2.0 -0.9 -0.2 4.4 2.6 -1.9 -5.8	-8 13 4 13 -3 -12 -2 5 0 -4 0 -8 0 1 2 7 -11
INCO Interestion Universities U	14.2 3.1 45.0 17.8 89.2 676.5 271.1 214.0 67.6 81.1 5.5 6.5 77.1 4.0 1.7 8.5 3.6 et for carrent level 1.24 1.42	0.5 -0.3 0.2 0.7 0.8 0.5 0.1 1.0 1.1 -0.1 1.3 1.1 1.4 -0.3 0.8 -0.2 0.4 -3.1 -y depreci	2.1 2.4 3.2 2.4 5.6 0.8 0.1 3.0 0.3 0.9 2.5 2.7 2.3 0.4 2.4 0.0 1.6 3.7 stion	0.6 2.3 3.7 -0.1 -2.7 5.2 -1.4 0.7 0.5 2.0 -0.9 -0.2 4.4 2.6 -1.9 -5.8 Monthly 0.3 1.4 -1.1	-8 13 4 13 -3 -12 -2 5 0 -4 0 -8 0 1 2 7 -11
INCO Includes United States Un	14.2 3.1 45.0 17.8 89.2 676.5 271.1 214.0 67.6 81.1 5.5 6.5 77.1 4.0 1.7 8.5 3.6 teel for currence level 1.24 1.24 1.24 1.24 1.24 1.26 89.58	0.5 -0.3 -0.2 -0.7 -0.8 -0.5 -0.1 -1.0 -1.1 -0.1 -1.3 -1.1 -1.4 -0.3 -0.8 -0.2 -0.4 -3.1 -y deprecipation -0.5 -0.2 -0.1 -0.1 -0.5 -0.2 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1	2.1 2.4 3.2 2.4 5.6 0.8 0.1 3.0 0.9 2.5 2.7 2.3 0.4 2.4 0.0 1.6 3.7 ation) Weekly 0.3 0.4 0.3 0.9 0.4 0.4 0.0 0.4 0.0 0.0 0.4 0.0 0.0 0.0	0.6 2.3 3.7 -0.1 -2.7 5.2 -1.4 0.7 0.5 2.0 -0.9 -0.2 4.4 2.6 -1.9 -5.8 Monthly 0.3 1.4 -1.1 -0.2 Monthly	8 13 4 13 3 3 -12 -2 5 0 0 -4 4 0 8 0 0 1 1 2 2 7 -11
INCO Uniformation	14.2 3.1 45.0 17.8 89.2 676.5 271.1 214.0 67.6 81.1 5.5 77.1 4.0 1.7 8.5 3.6 seed for current level 1.24 1.42 1.42 1.42 1.42 1.42 20.15	0.5 -0.3 -0.2 -0.7 -0.8 -0.5 -0.1 -1.0 -1.1 -0.1 -1.3 -1.1 -1.4 -0.3 -0.8 -0.2 -0.4 -3.1 -y deprecipality -0.1 -0.5 -0.2 -0.1	2.1 2.4 5.6 0.8 0.1 3.0 0.3 0.9 2.5 2.7 2.3 0.4 2.4 0.0 4 6-3.7 stori) Weekly 0.1 0.3 -0.4	0.6 2.3 3.7 -0.1 2.7 5.2 -1.4 0.7 0.5 2.0 -0.9 -0.9 -0.2 4.4 2.6 -1.9 5.8 Monthly 0.3 1.4 -1.1 -0.2	8 13 4 13 -3 -12 -2 5 5 0 4 4 0 1 2 7 -11 YTD 3 5 4 -2 YTD -10 4 4
INCO Interestina University Unive	14.2 3.1 45.0 17.8 89.2 67.6 67.6 81.1 214.0 67.6 81.1 5.5 6.5 77.1 4.0 1.7 8.5 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	0.5 0.3 0.2 0.7 0.8 0.5 0.1 1.0 0.1 1.1 1.4 0.3 0.8 0.2 0.4 0.1 0.0 0.1 0.0 0.1 0.0 0.1 0.0 0.1 0.0 0.1 0.0 0.1 0.0 0.1 0.0 0.1 0.0 0.1 0.0 0.1 0.0 0.1 0.0 0.1	2.1 2.4 5.6 0.8 0.1 3.0 -0.3 0.9 2.5 2.7 2.3 0.4 2.4 0.0 1.6 -3.7 stion Weekly 0.1 0.3 -0.4 0.0 Weekly 0.1 0.4 0.0	0.6 2.3 3.7 -0.1 -2.7 5.2 -1.4 0.7 0.5 2.0 -0.9 -0.2 4.4 2.6 -1.9 -5.8 Monthly 0.3 1.4 -1.1 -0.2 Monthly 0.3 -3.0 2.4	8 13 4 13 -3 -12 -2 -5 0 0 -4 4 0 1 1 2 7 -111 YTD 3 5 4 -2 YTD -10 4 2
INCO Interestina Universities U	14,2 3,1 45,0 17,8 89,2 676,5 676,5 676,6 81,1 5,5 6,5 77,1 4,0 1,7 8,5 1ed for current level 1,24 1,42 1,42 1,42 1,42 1,42 1,42 1,42	0.5 0.3 0.2 0.7 0.8 0.5 0.1 1.0 0.5 1.1 1.3 1.1 1.4 0.3 0.8 0.2 0.4 3.1 9 depreceded to the control of the cont	2.1 2.4 3.2 2.4 5.6 0.8 0.1 3.0 0.9 2.5 2.7 2.3 0.4 2.4 2.4 2.4 0.0 0.1 0.3 0.3 0.4 0.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.6 2.3 3.7 1.3 3.7 0.1 2.7 5.2 1.4 0.7 0.5 2.0 0.9 0.9 0.2 4.4 2.6 0.3 1.4 1.1 1.2 0.2 Monthly 0.3 0.4 5.1 3.6 5.1	8 13 4 13 -3 12 -2 5 5 0 0 4 0 1 2 2 7 -111 YTD 3 5 4 4 -2 2 8 8 8
INCO Incidence I	14.2 3.1 45.0 17.8 89.2 676.5 271.1 214.0 67.6 81.1 5.5 6.5 77.1 4.0 1.7 8.5 1.24 107.26 89.58 level for current 1.24 107.26 89.58 level 20.15 3.39 594.70 2708 18.03 3.21 64.33	0.5 0.3 0.2 0.7 0.8 0.5 0.1 1.0 1.1 0.1 1.3 1.1 1.4 0.3 0.2 0.4 3.1 0.1 0.5 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	2.1 2.4 5.6 5.6 0.8 0.1 3.0 0.9 2.5 2.7 2.3 0.4 2.4 2.4 0.0 0.1 0.3 0.3 0.0 0.3 0.0 0.0 0.0 0.0 0.0 0.0	0.6 2.3 3.7 1.3 3.7 0.1 2.7 5.2 1.4 0.7 5.2 0.0 0.5 2.0 0.2 4.4 1.1 1.1 0.2 Monthly 0.3 3.0 2.4 Monthly 0.3 3.0 0.4 5.1 8.0 0.8	-8 13 4 13 3 -3 -12 -2 5 0 -4 4 0 8 0 1 12 7 -111 YTD 3 5 4 4 -2 YTD 4 4 2 8 8 1 1 1
INC Interesting University Univer	14.2 3.1 45.0 17.8 89.2 676.5 271.1 214.0 67.6 81.1 5.5 6.5 77.1 4.0 1.7 8.5 3.6 ed for current level 1.24 1.07.26 89.58 level 20.15 3.39 594.70 2708 18.03 3.21	0.5 0.3 0.2 0.7 0.8 0.5 0.1 1.0 1.1 0.1 1.3 1.1 1.4 0.3 0.8 0.1 0.1 0.5 0.2 0.4 0.1 0.5 0.1 0.1 0.1 0.6 0.3 0.6 0.3 0.6 0.1 0.2 0.3 0.0 0.1 0.2 0.3	2.1 2.4 3.2 2.4 3.2 2.5 6.6 0.8 0.1 3.0 0.3 3.0 0.9 2.5 2.7 2.3 0.4 0.1 1.6 3.7 2.4 0.0 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.6 2.3 3.7 3.7 0.1 2.7 5.2 2.7 5.2 2.0 0.5 0.9 0.9 5.8 Monthly 0.3 3.0 0.3 3.0 0.3 3.0 0.3 3.1 4.1 1.1 0.2 2.4 1.1 3.6 0.8 0.8	-8 13 4 13 3 -12 -2 5 0 -4 0 8 0 1 2 7 -11 YTD 3 5 4 -2 YTD -10 -4 1 1 1 3 5 1 1 1 3
INCO Unifice (SID) Unifice (SID) Unifice (SID) Unifice (SID) Unifice (SID) Unifice (SID) Unifice Unifi	14.2 3.1 45.0 17.8 89.2 676.5 271.1 5.5 271.1 5.5 6.5 77.1 4.0 1.7 8.5 1.2 1.4 1.42 1.42 1.42 1.42 1.42 1.42 1	0.5 0.3 0.2 0.7 0.8 0.5 0.1 1.0 1.1 1.4 0.3 0.8 0.5 0.2 0.7 0.1 1.0 0.1 0.3 0.8 0.5 0.2 0.1 0.1 0.1 0.1 0.3 0.6 0.6 0.3 0.6 0.1 0.2 0.3 0.0 0.6 0.1 0.2 0.3 0.0 0.6 0.1 0.2 0.3 0.0 0.6 0.6 0.1 0.2 0.3 0.0 0.6 0.6 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	2.1 2.4 3.2 2.4 3.2 2.5 6 0.8 0.1 3.0 0.9 2.5 2.7 2.3 0.4 0.0 1.6 3.7 2.4 0.0 0.3 0.3 0.3 0.3 0.3 0.3 0.4 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.6 2.3 1.1.3 3.1.3 1.1.3 1.1.3 1.1.3 1.1.1 2.7 1.1.4 2.6 1.7 0.5 2.0 0.7 0.5 2.0 0.9 0.2 4.4 2.6 1.9 5.8 Monthly 0.3 1.4 1.1 0.2 2.4 5.1 5.8 1.8 1.7 5.8 1.8 1.8 1.7 5.8 1.8 1.8 1.7 5.8 1.8 1.8 1.7 5.8 1.8 1.8 1.7 5.8 1.8 1.8 1.7 5.8 1.8 1.8 1.7 5.8 1.8 1.8 1.7 5.8 1.8 1.8 1.7 5.8 1.8 1.8 1.7 5.8 1.8 1.8 1.7 5.8 1.8 1.8 1.8 1.7 5.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1	-8 13 4 113 3 -12 -2 5 0 0 -4 1 0 0 -8 8 0 0 1 1 2 7 7 -11
INCI Interesting Uniter extito	14.2 3.1 45.0 17.8 89.2 676.5 271.1 214.0 67.6 81.1 5.5 6.5 77.1 4.0 1.7 8.5 3.3 6.6 1.24 1.42 1.42 1.42 1.42 1.42 1.42 1.42	0.5 0.3 0.2 0.7 0.8 0.5 0.1 1.0 1.1 1.4 0.3 0.8 0.5 0.2 0.7 0.1 1.0 0.1 0.1 0.3 0.8 0.2 0.3 0.0 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	2.11 2.4 3.2 2.4 3.2 2.5 5.6 0.8 0.1 3.0 0.9 2.5 2.7 2.3 0.0 4 2.5 0.1 0.0 3.0 0.9 0.1 0.0 3.0 0.0 0.1 0.0 0.1 0.0 0.1 0.0 0.1 0.0 0.1 0.0 0.1 0.0 0.0	0.6 2.3 1.13 3.7 0.1 2.7 0.1 2.7 0.5 2.0 0.7 0.5 2.0 0.9 0.2 4.4 2.6 1.9 5.8 Moratify 0.3 1.4 1.1 0.2 2.4 5.1 3.6 1.8 0.8 1.7 5.8 0.8 1.7 5.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	** 8
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INCO Inference Inco Uniference	142,2 3.1 45.0 45.0 45.0 45.0 45.0 45.0 45.0 45.0	0.5 0.3 0.2 0.7 0.8 0.5 0.1 1.0 0.1 1.3 1.3 1.1 1.1 1.3 1.3 1.1 1.0 0.8 0.2 0.1 0.1 0.0 0.1 0.1 0.1 0.1 0.1 0.1 0.1	2.11 2.4 3.2 2.4 3.2 2.4 5.6 0.8 0.8 0.1 3.0 0.9 2.5 2.7 2.3 0.4 2.4 2.4 2.4 2.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.6 2.3 3.7 -0.1 3.7 -0.1 5.2 -0.5 5.2 -0.5 5.0 -0.5 5.0 -0.9 -0.2 -0.5 5.8 Mornley 0.3 3.0 0.2 Mornley 0.3 3.0 0.9 0.2 0.2 Mornley 0.3 3.0 0.8 1.7 5.8 Mornley 0.3 3.0 0.9 0.7 0.9 0.9 0.1 0.1 0.1 0.1 0.1 0.3 0.8 0.9 0.9 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-8
INCO Inference Inco Uniference Uniference Inco Uniference	1442 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1	0.5 0.7 0.8 0.7 0.8 0.5 0.1 1.0 0.1 1.1 0.1 1.3 1.1 1.4 0.3 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	2.11 3.22 2.4 3.22 2.4 5.6 0.8 0.1 3.0 0.3 3.0 0.9 2.5 2.7 2.3 3.0 0.9 2.5 2.7 2.3 3.0 0.1 0.3 3.0 0.9 2.5 2.7 2.7 2.3 3.0 0.1 0.3 3.0 0.1 0.3 3.0 0.1 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	0.6 2.3 -1.3 3.7 -0.1 -2.7 -5.1 -2.7 -5.2 -0.5 -2.0 -0.5 -0.0 -0.9 -0.2 -2.4 -1.1 -1.6 -1.9 -0.8 -1.9 -1.8 -1.8 -1.9 -1.8 -1.8 -1.9 -1.8 -1.8 -1.9 -1.8 -1.8 -1.9 -1.8 -1.8 -1.9 -1.8 -1.8 -1.9 -1.8 -1.8 -1.8 -1.8 -1.8 -1.8 -1.8 -1.8	-8



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