

## Market Comment | Cautiousness remained in place amid lingering uncertainties

Global Financial Markets Unit 18 Apr 2017

- Financial markets continued to be cautious as reflected in higher equity volatility and persistent safehaven flows such as gold, the JPY and safer sovereign debt (see). The upcoming French elections and today's surprising announcement of UK elections in early June weighed on markets. The USD bucked the trend in safe-haven assets, depreciating further due to expectations of reflationary policies in the US continuing to cool.
- The GBP appreciated strongly and showed significantly higher volatility after
   Theresa May's surprise announcement of snap general elections in UK on 8 June (see), citing division among Westminster politicians.
- French debt continued to suffer from the uncertainty surrounding this weekend's general election and contributed to drive the two-year bond premium to its highest level since 2012 (see).
- The IMF today published its latest World Economic Outlook (WEO) (see), in which it unveiled a higher world economic growth forecast, due to higher growth in Europe, Japan and China, on the back of manufacturing and trade gains. The IMF maintained its forecast for the US economy and alerted against protectionist policies.

Update 18 CET 18 April, 2017 Table 1



Debt market	a (10V % ch	annes in I	vo)		
Developed Markets US (2-yr)	level 1.16	Daily -4.1	Week	Month -15	YTD
US	2.18	-6.7	-11.4	-32	-26
GER (2-yr) Germany	-0.86 0.16	-0.2 -3.1	-1.4 -4.8	-9 -28	-9 -12
France Spain	0.89 1.67	-2.4 -3.7	-7.0 2.6	-22 -21	8 16
Italy Portugal	2.26 3.82	-5.6 -6.7	-2.0 -3.6	-10 -75	39 -36
Greece Japan (2-yr)	6.79	11.9	6.9 0.4	-75 -61	-10 -3
Japan Emerging Markets	0.01	-1.3 -2.7 Daily	-6.5 Weekly	-6 Monthly	-6 YTD
Brazil	10.05	-4.3	2.5	-18	-136
Chile Colombia	3.91 6.57	-0.1 -5.0	-3.4 -5.4	-42 -27	-42 -52
Mexico Peru	7.12 5.79	-3.1 0.2	-10.1	-13 -16	-51 -68
Poland Russia	5.79 3.37 8.09	-4.1 3.7	-5.1 -7.6 -3.0	-37 -5	-35 -36
Turkey	10,66	8.0	-3.0	-4	-34
India Indonesia	6.86 7.06	1.7 -1.2	5.4 -2.7	0 -17	48 -78
Country r Developed Markets	isk (bp, chang	es in bp)	Mankhy	Monthly	YTD
10-yr sovereign spread vs Germany	ICYCI	Dany	HOOKIY		
France	74 211	0.7 -2.5	-2.2 2.8	6 18	20 51
Portugal Spain	366 151	-3.6 -0.6	1.2 7.4	-19 7	4 36
2-yr sovereign spread vs Germany					
France	54 82	0.7 -2.5	-0.5 0.1	22 4	44 21
Portugal Spain	127 65	0.9	2.4 -0.5	-82 2	-20 17
Emerging Markets	level	-2.5 Daily	Weekly	Monthly	YTD
5-yr sovereign CDS * Brazil	222	-1	4	8	-50
Chile Colombia	78 135	2	5 5	6 3	-4 -28
Mexico	129	1	3	-3	-27
Peru Venezuela	104 3,464	-25	-113	7 37	-4 -441
Poland Russia	69 167	0	0 -5	5	-7 -9
Turkey	231	1	-3	8	-41
China India	88 99	0	5 1	7 2 14	-29 -28
Indonesia	137 sk indicators	0	7	14	-19
Volatilty indicators (%)	level	Daily	Weekly	Monthly	YTD
VIX VSTOXX	15 26	4.8 9.4	2 12	36 129	4 9
EM EFT volatility Index Dollar/euro volatility	21	3.1	7	50 91	4 26
EM FX volatility index	9	-1.0	-2	4	-17
Credit spread (BAA) (bps) US bonds volatility index	237 71	6.7 -4.7	10 1	8 17	10 -7
Banking 5 y CDS (bps) *	level	Daily	Weekly	Monthly	YTD
US EZ	63 116	0.3	1 4	3 13	.9 8
UK Large Spanish	81 107	0.1	1 4	10	-9 -10
Medium Spanish	165	0.3	4	9	13
Corporate 5y CDS (bps) * US Non-financial	level 153	Daily 0.3	Weekly 1	Monthly 3	YTD -9
EZ Non-financial	102	0.2	4	13	8
UK Non-financial Interbank m	123 arkets (%, che	0.0 inges in b	2	12	-2
EONIA Index	level -0.36	Daily 0.00	Weekly 0.0	Monthly 0.0	YTD 0.0
Euribor 3m	-0.33	0.00	0.0	0.0	0.0
Euribor 12m Libor 3m	-0.12 1.16	0.00	0.0	0.0	0.0
Libor 12m EZ TED spread 3m	1.77 47.2	0.00	0.0 3.4	0.0 -11.3	0.1 -19.2
	ck markets (		3.4	-11.3	-19.2
Main indices	level	Daily	Weekly	Monthly	YTD
S&P500	2,337	-0.5	-0.7	-2	3
	20.400	0.0	0.0		
Dow Jones Nikkel	20,480 18,419	-0.8 0.3	-0.8 -1.8	-2 -6	-6
Nikkel FTSE 100	18.419 7.148		-1.8 -3.0	-6 -4	
Nikkel FTSE 100 EuroStoxx 50 IBEX	18,419 7,148 3,410 10,265	0.3 -2.5 -1.1 -0.6	-1.8 -3.0 -1.7 -1.5	-6 -4 -1 0	-6 -1 3 8
Nikkel FTSE 100 EuroStoxx 50 IBEX DAX CAC	18,419 7,148 3,410 10,265 12,000 4,990	0.3 -2.5 -1.1 -0.6 -0.9 -1.6	-1.8 -3.0 -1.7 -1.5 -1.1 -2.2	6 -4 -1 0 -1	-6 -1 3 8 4
Nikkel FTSE 100 EuroStoxx 50 IBEX DAX	18.419 7.148 3.410 10,265 12,000 4,990 19,443	0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7	-1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3	6 4 1 0 1 4 3	6 -1 3 8 4 2
Nikosi ErroStoxx 50 BBB BB DAX CAC CAC MBB ASE Albens MSCI Latam *	18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714	0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4	-1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8	-6 -4 -1 0 -1 -1 -3 5 0	-6 -1 3 8 4 2 -1 3 5
Nikoti EuroStoxx 50 IBEX DAX CAC MB MB MB MB MB MSCI Latam * Ibovespa Grazil Mechol	18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579	0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9	-1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1	-6 -4 -1 0 -1 -1 -3 -5 0 0	-6 -1 3 8 4 2 -1 3 5 4
Nikon EuroStoxx 50 BEX DAX CAC MIB ASE Atliens MSG Latam * Ibovespa (Brazil)	18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777	0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3	1.8 3.0 1.7 1.5 1.1 2.2 3.3 0.4 0.8 0.4 2.1 1.1 0.7	-6 -4 -1 0 -1 -1 -3 5 0	-6 -1 3 8 4 2 -1 3 5
Nikéd FFES 100 EuroStoux 50 BEX DE SE	18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920	0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2	1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 -0.7 -2.9	6 4 4 1 0 1 1 3 5 0 0 0 0 2 3 6 6	-6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15
Nikida FFEE 100 EuroStoux 50 EURX DACK DACK DACK DACK DACK DACK DACK DACK	18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760	0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 -1.4 -0.3 -0.9 -0.8 -0.2 -1.2 -0.8 -0.0	1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3	-6 -4 -1 0 -1 -1 -3 5 0 0 0 0 -2 -3 -6 1 0 0	-6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9
Nikós PFES 100 Eurodious 50 Eurodious 50 AO A	18.419 7.148 3.410 10.265 12.000 4.990 19.443 677 76.714 64.128 48.579 4.777 2.237 1.920 91.374 760 3.197	0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2 0.8	1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 0.7 -2.9 0.5	-6 -4 -1 0 -1 -1 -3 5 0 0 0 0 -2 -3 -6 1	-6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20
Nikide FFES 100 Eurodisous 50 BIEX BIEX BIEX BIEX BIEX BIEX BIEX BIEX	18.419 7.148 3.410 10.265 12.000 4.990 4.990 4.976 76,714 64.128 48.579 4.777 2.237 7.60 3.197 5.607	0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2 0.8 0.0 -0.8	1.8 3.0 1.7 1.5 1.1 2.2 3.3 0.4 0.8 0.4 2.1 1.1 0.7 2.9 0.5 0.3 2.8 0.7 Weekly	-6 -4 -1 0 -1 -3 5 0 0 0 0 -2 -3 -6 1 0 -1	-6 -1 3 8 4 2 -1 3 5 4 4 4 -5 12 -15 20 9 1 6
Nikola FEFES 100 Essendina 50 BBCX NEW STATE STA	18,419 7,148 3,410 10,265 12,000 19,443 677 76,714 64,128 48,579 1,920 91,374 760 3,197 5,607 level 112,3 84,8	0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 -1.4 -0.3 -0.9 -0.8 -0.2 -1.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2	1.8 -3.0 1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -0.7 -2.9 -0.5 -0.3 -2.8 -0.7 Weekly -2.8 -1.0	-6 -4 -1 -1 -3 -5 -0 -0 -2 -3 -6 -1 -0 -1 -2 -5 -0 -1 -2 -5	-6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9 1 6 YTD
Nikide FFES 100 EuroStoux 50 EURX  DAX  OAX  ANS  ANS  ANS  ANS  ANS  ANS  ANS  A	18,419 7,148 3,410 10,265 12,000 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 7,600 3,197 5,600 112,3 84,8 58,2	0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.2 -1.2 0.8 0.2 -1.2 0.0 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -1.4 -0.4 -0.8 -0.4 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8	1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 -0.7 -2.9 -0.5 -0.3 -2.8 -0.7	-6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3 -6 1 0 -1 2 Monthly -9	-6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9 1 6 YTD -6
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Nikida FEES 100 EarnelStours 50 CarnelStours 50 CAC CAC MSS GLaten* Boorepas Bissze MSC Laten* Bissze MSC Laten* Bissze Laten* La	18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 760 3,197 5,607 level 112,3 84,8 58,2 22,4 40,8 215,4	0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -0.9 -1.7 -0.9 -1.4 -0.3 -0.9 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -1.2 -1.4 -1.8 -1.6 -4.8	1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -2.1 -1.1 -0.7 -2.9 -0.3 -2.8 -0.7 -2.9 -0.3 -2.8 -1.0 -1.5 -1.0 -1.5 -1.5 -1.1 -1.1 -1.2 -2.1 -1.1 -1.1 -1.1 -1.1	-6 -4 -1 0 -1 -1 -3 -5 0 0 0 -2 -3 -6 1 0 0 -1 2 Monthly -9 -6 -4 -10 -9 -12	-6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9 1 6 -2 -5 -2 -6
Nikide TFES TOO  Carestions 50  Carestions 50  ACK  CAC  MASS Alleran  MES Geron  Mes Alleran  Mes Geron  Mes Alleran  Mes Geron  Mes Geron  Mes Alleran  Mes Geron  Mes Gero	18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 1,920 91,374 760 3,197 5,607 level 112,3 84,8 58,2 22,4 40,8 81,51 98,2 57,3 117,4	0.3 2.5 1.1 1.0 0.9 1.6 1.7 0.9 0.8 0.2 0.8 0.0 0.8 0.2 2.4 1.2 1.4 1.6 1.7 1.4 1.6 1.7 1.4 1.6 1.6 1.7 1.6 1.6 1.7 1.6 1.6 1.7 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	11.8 3.0 1.7 1.5 1.1 1.5 1.5	-6 -4 -1 -0 -1 -1 -3 -5 -5 -7 -7	-66 -1 3 8 4 4 2 -1 3 5 4 4 4 4 -5 -12 -15 20 9 1 6 6 -2 -5 -2 -6 -11 -7 -9 -5 -9
Nikels FFES TOO EuroSitous SO	18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 2,237 1,920 91,374 760 112,3 84,8 58,2 22,4 40,8 215,4 98,2 22,4 98,2 117,7 11,7 11,7 11,7 12,4	0.3 2.5 1.1 1.1 0.6 0.9 1.6 0.9 1.6 1.6 1.7 0.9 0.8 0.2 0.8 0.2 0.8 0.2 1.4 1.4 1.5 1.4 1.5 1.1 1.5 1.5	148 3.0 1.7 1.5 1.7 1.5 1.7 1.5 1.7 1.5 1.7 1.7 1.5 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	-6 -4 -1 -1 -3 -5 -0 -0 -1 -1 -2 -2 -4 -1 -1 -1 -5 -5 -7 -5 -4 -4 -1 -1 -1 -5 -4 -4 -1 -1 -5 -5 -7 -5 -4 -4 -1 -1 -1 -5 -5 -7 -5 -4 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	-66 -1 3 8 4 4 2 -1 3 5 4 4 -5 12 20 9 1 6 -2 -5 -2 -6 -11 -7 -9 -2 -6 -9 -2 -6 -6 -2 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6
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Nikide TFES TOO  Earnstons 50 E	18.419 7.148 3.410 10.265 12.000 19.443 677 76.714 64.128 48.579 91.374 76.31 1920 91.374 76.237 1920 91.374 40.8 215.4 40.8 215.4 98.2 22.4 40.8 215.4 98.2 25.3 11.7 14.9 13.7 2.4 4.0 12.9 13.7 2.4 4.0 98.2 57.3 11.7 14.9 13.7 2.4 4.0 12.9 13.7 2.4 4.0 12.9 13.7 2.8 4.0 12.9 13.7 2.8 4.0 12.9 13.7 14.9 13.7 2.8 4.0 12.9 13.7 2.8 4.0 13.8 13.8	0.3 2.5 1.1 1.0.6 0.9 1.6 1.7 0.9 1.6 1.7 0.9 1.4 0.3 0.2 1.2 0.8 0.2 1.2 0.8 1.4 1.4 1.5 1.1 1.7 1.8 1.5 1.1 1.7 1.8 1.5 1.1 1.0 1.3 2.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	148 3.0 1.7 1.5 1.1 1.1 1.2 1.2 1.3 3.3 0.4 1.5 1.1 1.1 1.1 1.2 1.2 1.3 3.3 0.4 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1	6 4 1 1 0 1 1 1 3 5 0 0 0 0 2 3 6 6 1 0 1 1 2 Monthly 9 6 4 4 1 1 0 9 9 1 1 2 5 5 5 7 7 5 4 9 9 1 1 2 8	-66 -13 -3 -8 -4 -2 -13 -3 -5 -4 -4 -5 -2 -15 -2 -6 -11 -7 -9 -2 -6 -11 -8 -7
Nikide TFES 100 Eurodisous 50	18.419 7.148 3.410 10.265 12.000 4.990 19.443 677 76.714 64.128 48.579 41.77 2.237 1.920 91.374 76.31 1920 91.374 4.02 112.3 84.8 215.4 40.8 215.4 40.8 215.4 40.8 215.4 40.8 215.4 40.8 215.4 40.8 215.4 40.8 215.4 40.8 215.4 40.8 215.4 626.2 57.3	0.3 2.5 1.1 0.6 0.9 1.6 0.9 1.6 0.9 1.4 0.9 1.4 0.9 1.4 0.9 1.4 0.9 1.4 1.2 1.2 1.4 1.8 1.5 1.1 1.6 1.4 1.8 1.5 1.1 1.1 0.3 2.0 2.7 1.6 1.6 1.6 1.6 1.6 1.7 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8	118 30 117 117 122 133 104 104 105 105 105 105 105 105 105 105 105 105	6 4 4 1 1 0 1 1 1 1 3 5 0 0 0 0 2 3 6 6 1 1 0 1 1 2 2 1 2 1 2 1 2 1 2 1 2 1 2 1	-66 -13 3 8 4 2 -13 5 4 4 5 12 -15 20 9 1 6 YTD -6 -2 -5 -2 -6 -11 -7 -9 -2 -6 -11 -8 -7 -7 -4
Nisket FFES 100 Eurodisous 50 BBX Eurodisous 50 BBX BBX BBX BBX BBX BBX BBX BBX BBX BB	18.419 7.148 3.410 10.265 12.000 4.900 19.443 6.177 76.714 64.128 48.579 7.1970 91.974 112.3 8.58.2 22.4 40.8 215.4 98.2 25.3 11.7 11.7 11.7 11.7 11.7 11.7 11.7 11	0.3 2.5 1.1 0.6 0.9 1.4 0.9 1.4 0.9 1.4 0.8 0.2 0.8 0.2 1.2 1.4 1.8 1.5 1.4 1.7 1.8 1.5 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	118 3.0 3.0 1.5 1.1 1.1 1.2 2.1 1.1 1.1 1.2 2.1 1.1 1.1	64 41 0 11 13 5 0 0 0 2 3 6 1 0 1 1 2 Monthly 9 6 4 10 9 11 2 6 5 7 7 5 4 9 11 8 5	66 -13 38 4 4 2 -13 5 5 4 4 4 4 5 -5 -12 5 20 9 9 1 1 6 6 -2 2 5 -2 -6 -17 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7
Nikide TFES TOO  Carestions 50  Carestions 50  ASS Allerian  ASS Allerian  ASS Allerian  Boverage (Brize)  Modol Modol  Modol Motod  Motod Messer (Brize)  Motod Makes (Brize)  Motod Motod Makes (Brize)  Motod Motod Makes (Brize)  Motod Motod Makes (Brize)  Motod Motod Motod Makes (Brize)  Motod M	18.419 1.0265 12.000 19.413 12.014 12	0.3 2.5 2.5 1.1 0.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.2 0.8 0.2 0.8 0.2 0.8 1.2 1.4 1.8 1.5 1.4 1.8 1.5 1.1 1.1 1.1 1.0 1.3 0.9 2.7 1.6 0.8 0.8 0.9 2.7 1.6 0.6 0.6 0.6 0.6 0.6 0.8 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	118 30 11.7 15.5 14.1 12.2 14.1 10.7 15.5 14.1 10.7 15.5 14.1 10.7 15.5 14.5 14.5 14.5 14.5 14.5 14.5 14.5	6 4 4 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-61. 3 8 4 4 2 -1. 3 5 5 4 4 4 4 5 5 122 6 6 111 -7 9 9 1 6 6 -2 -6 6 111 -8 8 7 7 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
Nikide TFES 100 Eurodisous 50	18.419 7.148 3.410 10.265 12.000 19.443 6.191 19.443 6.192 19.443 6.192 19.443 6.192 19.443 6.192 19.443 6.192 19.443 6.192 19.443 6.192 19.443 6.192 19.443 6.192 19.443 6.192 19.443 6.192 19.443 6.192 19.443 6.192 19.443 6.192 19.443 11.74 11.23 11.74 11.24	0.3 2.5 2.5 1.1 0.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.6 1.7 1.9 1.4 1.8 1.5 1.1 1.1 1.1 1.2 1.1 1.1 1.2 1.1 1.1 1.3 1.6 0.9 1.6 0.9 1.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.9 0.9 1.2 1.5 1.6 0.6 0.7 1.6 0.6 0.9 0.9 1.5 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	118 3.0 1.7 1.5 1.1 1.1 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	6 4 1 1 3 5 0 0 0 0 2 2 3 6 6 1 0 0 1 1 2 2 Monthly 9 6 4 1 10 9 1 12 5 5 5 4 9 9 1 12 8 8 5 8 1 10 1 10 1 4 3 4 4	66 -11 3 8 4 2 -1 3 5 4 4 4 4 5 12 7 15 20 9 1 6 -2 -5 -2 -6 -11 -8 -7 -9 -9 -1 -11 -8 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7
Nikola FEFES 100 Earocitosos 50 BIBO Earocitos 50 BIBO	18.419 1.0265 12.000 19.443 12.	0.3 2.5 1.1 0.6 0.9 1.6 0.9 1.7 0.9 0.8 0.2 1.2 0.0 0.0 0.8 1.2 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	118 3.0 3.0 1.5 1.1 1.1 1.2 2.1 1.1 1.1 1.2 1.2 1.1 1.1	6 4 4 1 1 0 1 1 1 1 3 5 0 0 0 0 2 3 3 6 1 1 0 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	66 -11 3 8 4 4 2 1 1 3 5 5 12 2 0 9 1 1 6 6 -2 2 6 -11 7 7 9 -2 6 6 -11 1 8 7 7 7 7 4 4 4 4 6 7
Nikide TFES TOO  Farestions 50  Carestions 50  Carestions 50  ASK Attimes  ASK Attimes  ASK Attimes  MASC EMERCE  Monor Ground  Monotol  M	18.419 3.410 10.265 12.000 19.443 4.990 19.443 4.990 19.443 4.66128 4.8579 4.777 7.607 1.920 2.237 1.920 2.154 4.90 2.154	0.3 (2.5 cm) (1.6 cm) (1.6 cm) (1.7 cm) (1.7 cm) (1.8 cm) (1.7 cm) (1.8 cm)	118 3.0 117 12.2 13.3 14.5 14.1 14.1 14.1 14.1 14.1 14.1 14.1	6 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-6 -1 -1 -3 -8 -4 -4 -5 -1 -1 -1 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5
Nikele FFEE TOO  Eurodisous 50  Eurodisous 50  ASE Alleres  ASE Alleres  ASE Alleres  MINO Latan **  MOC Latan **	18.419 7.148 3.410 10.265 12.000 10.265 12.000 10.265 12.000 10.265 12.000 10.265 12.000 10.265 12.000 10.265 12.000 10.265 10.2	0.3 (2.5 (1.6 (1.6 (1.6 (1.6 (1.6 (1.6 (1.6 (1.6	1188 3.00 11.7 12.2 2.3 3.3 2.8 1.0 2.2 1.8 1.5 1.1 1.1 1.2 1.2 1.2 1.3 1.2 1.2 1.3 1.3 1.2 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	-6	-6 -1 -1 -3 -8 -4 -4 -5 -1 -1 -1 -5 -5 -9 -9 -9 -1 -1 -6 -2 -5 -5 -9 -9 -1 -1 -6 -7 -7 -4 -1 -1 -1 -2 -5 -4 -1 -1 -1 -2 -5 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1
Nikide TFES 100 Eurodisous 50 EBEX EURODISOUS 50 E	18.419 (1.20 m) (1.20	0.3 (2.5 - 1.1 - 1	118 3.0 11.7 11.5 11.5 11.5 11.5 11.5 11.5 11.5	6 4 1 1 3 3 5 0 0 0 0 2 3 6 1 0 1 1 2 6 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-61. 3 8 4 2 1. 3 5 4 4 -5 12 -15 -20 9 1 6 -2 -5 -2 -6 -11 -7 -9 -5 -9 -2 -4 -12 -4 -12 -4 -13 -34 -13 -34 -16
Nikide TFES TOO  Faredisons 50  Caredisons 50  Caredisons 50  ASE Althress  ASE Althress  ASE Althress  MASC DM Earope *  Poland  Mobid Mo	18.419 (1.26) (1	0.3 (2.5 (1.1 (1.1 (1.1 (1.1 (1.1 (1.1 (1.1 (1	118 30 117 128 128 128 128 128 128 128 128 128 128	-6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	-61 -3 -3 -4 -4 -4 -5 -5 -2 -6 -111 -7 -7 -4 -12 -4 -6 -7 -7 -5 -4 -113 -34 -4 -2 -2 -2 -4 -116 -4 -2 -2 -4 -5 -4 -116 -4 -2 -4 -5 -4 -116 -4 -2 -4 -5 -4 -4 -5 -5 -4 -4 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5
Nikide TFES TOO Carestions 50 Carestions 50 Carestions 50 Carestions 50 CAC CAC MASK Althress MASK CAR Large P Poland MASK Althress MASK CAR Large P Poland MASK CAR Males P MASK CAR MALES MASK CAR MASK CA	18.419 2.148 3.410 1.086 5.140	0.3 (2.5 (2.5 (2.5 (2.5 (2.5 (2.5 (2.5 (2.5	188 30 117 22 33 3 117 28 118 118 118 118 118 118 118 118 118	6 4 1 1 3 5 5 0 0 0 2 2 3 6 6 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-6 -1 -3 -8 -4 -4 -4 -5 -15 -20 -9 -1 -6 -2 -5 -5 -6 -11 -7 -7 -4 -12 -4 -6 -7 -7 -4 -12 -4 -6 -7 -5 -4 -13 -34 -4 -2 -4 -2 -4 -4 -2 -4 -4 -4 -2 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4
Nikide FFES TOO Earnschoox 50	18.419 (1.24) (1	0.3 (2.5 cm)	188 300 117 218 118 118 118 118 118 118 118 118 118	-6 -4 -1 -1 -3 -5 -5 -1 -1 -1 -5 -5 -3 -6 -4 -4 -3 -4 -5 -5 -5 -4 -4 -4 -5 -5 -5 -4 -4 -4 -5 -5 -5 -4 -4 -4 -5 -5 -5 -4 -4 -4 -5 -5 -5 -4 -4 -4 -5 -5 -5 -4 -4 -4 -5 -5 -5 -4 -4 -4 -5 -5 -5 -4 -4 -4 -5 -5 -5 -4 -4 -4 -4 -5 -5 -5 -5 -4 -4 -4 -5 -5 -5 -5 -4 -4 -4 -5 -5 -5 -5 -4 -4 -4 -5 -5 -5 -5 -4 -4 -4 -5 -5 -5 -5 -4 -4 -5 -5 -5 -5 -4 -4 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	-6 -1 -3 -3 -8 -4 -4 -4 -5 -12 -2 -15 -2 -2 -15 -2 -2 -16 -2 -2 -16 -2 -2 -17 -2 -2 -4 -4 -17 -18 -18 -18 -18 -18 -18 -18 -18 -18 -18
Nikola FFEE 100  Eurocitious 50  Eurocitious 5	18.419 3.110 5.110	0.3 (2.5 (2.5 (2.5 (2.5 (2.5 (2.5 (2.5 (2.5	1188 300 1177 1282 1282 1282 1282 1282 1282 1282	6 4 4 1 1 0 1 1 1 3 5 5 0 0 0 2 2 3 3 6 6 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-6 -1 -3 -3 -4 -4 -4 -5 -5 -1 -7 -7 -4 -4 -1 -1 -7 -7 -4 -4 -1 -6 -7 -7 -7 -4 -4 -7 -7 -5 -4 -4 -7 -7 -7 -4 -4 -7 -7 -7 -4 -4 -7 -7 -7 -4 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7
Nisket FFES TOO  Farestions 50  Carestions 50  Carestions 50  ASE Althress  ASE Althress  ASE Althress  ASE Althress  MASC DR Large P  Poland  Mobid	18.419 3.410 18.419 19.411 19.	0.3   -0.6   -0.6   -0.7   -0.6   -0.7   -0.7   -0.8   -0.7   -0.8   -0.	148 30 117 118 118 118 118 118 118 118 118 118	6 4 4 1 1 0 1 1 1 1 3 5 5 0 0 0 2 2 3 3 6 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-6 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1
Nikide FFES 100 Eurodicous 50	18.419 (1.24) (1	0.3 (2.5 c) 1.1 (1.7 c) 2.5 c) 1.1 (1.7 c) 2.7 c) 1.6 c) 2.6 c) 2.6 c) 2.7 c) 2	118 30 117 118 118 118 118 118 118 118 118 118	-6	-6 -1 -3 -8 -4 -4 -5 -1 -1 -5 -1 -1 -5 -1 -1 -5 -1 -1 -5 -1 -1 -5 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1
Nisket FFES 100  Eurodisous 50  Eurodisous 50  ACAC  ACAC  MASS 100  MSC Latam*  MSC Latam	18.419 (1.10 to 18.419 (1.10 t	0.3 (2.5 (1.1 (1.1 (1.1 (1.1 (1.1 (1.1 (1.1 (1	-188 3-0 -1-7 3-0 -1 3-	6 4 1 1 0 0 1 1 1 3 3 5 0 0 0 2 3 6 1 1 1 1 2 2 Monthly 9 9 4 4 1 10 0 9 1 1 2 6 6 5 5 5 5 4 9 9 1 2 6 6 5 5 5 5 4 9 9 1 2 6 6 6 7 0 1 1 1 1 5 3 3 6 6 Monthly 0 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1	-6 -1 -3 -8 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4
Nisket FFES TOO  Farestions 50  Farestions 50  ASE Attimes  ASE Attimes  ASE Attimes  ASE Attimes  ASE Attimes  Boverage disord  Mobol	18.419 2.148 3.410 1.086 5.410	0.3 (2.5 (1.6 (1.6 (1.6 (1.6 (1.6 (1.6 (1.6 (1.6	118 3.00 1.7 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	6 4 1 1 3 5 5 0 0 0 2 3 6 1 1 0 1 1 2 2 Monthly 9 6 4 4 1 1 2 2 5 5 7 5 4 9 9 1 1 2 2 6 8 5 8 8 8 10 1 1 0 1 4 3 4 5 5 5 3 6 6 Monthly 0.4 3 1 4 5 5 5 3 6 6 Monthly 0.4 3 2 1 2 7 7 7 8 8 8 8 8 1 1 1 1 1 1 1 1 1 1 1 1	-6 -1 -1 -3 -3 -8 -4 -4 -4 -5 -5 -2 -2 -6 -11 -1 -7 -7 -7 -7 -7 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1
Nisket FFES 100 Earnstons 50 Earnstons 50 Carestons 50 Carestons 50 Cox Cac	18.419 (1.26) (1	0.3 (2.5 (2.5 (2.5 (2.5 (2.5 (2.5 (2.5 (2.5	118 3.0 1.7 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	-6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	-6 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1
Nisket FFES 100  Earnstilaus 50  Earnstilaus 50  Earnstilaus 50  Aux CAC  Aux CAC  Mischilaus 100  MSCI Elemen  MSCI Eleme	18.419 (1.24) (1	0.3	-188 3-0 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	-6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	-6 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1
Nisket FFES 100  Carestions 50  Carestions 50  Carestions 50  Carestions 50  ASE Allerian  ASE Allerian  ASE Allerian  ASE Allerian  Model  Mo	18.419 2.148 3.410 1.086 5.00 1.0	0.3 (2.5 (1.1 (1.1 (1.1 (1.1 (1.1 (1.1 (1.1 (1	-188 3.0 -1.7 -1.5 -1.5 -1.5 -1.5 -1.5 -1.5 -1.5 -1.5	-6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	-6 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1
Nicket   FFEE 100	18.419 (1.20 m) (1.20	0.3 (2.5 (1.1 (1.1 (1.1 (1.1 (1.1 (1.1 (1.1 (1	118 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	-6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	-6 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1
Nisket FFES TOO  Carestions 50  Carestions 50  Carestions 50  ASE Allines  ASE Allines  ASE Allines  Maccollisted	18.419 3.410.85 3.410	0.3	-188 3.0 -1.7 -1.1 -1.0 -1.1 -1.1 -1.0 -1.1 -1.1 -1.0 -1.1 -1.1	-6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	-6
Nisket FFES TOO  Carestions 50  Carestions 50  Carestions 50  ASE Allines  ASE Allines  ASE Allines  Maccollisted	18.419 2.148 3.410 1.086 5.148	0.3	118 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	-6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	-6 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1
Nicket   FFEE 100	18.419 2.148 3.410.80   3.1418 3.410.80   4.148 3.410.80   4.149 3.410.80   4.140 3.410.80	0.3	118 3.0 3.0 1.17 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1	-6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	-6 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1
Nisked FFES TOO  FaceShows 50  FaceShows 50  AND CAC  CAC  MASC Interes	18.419 (1.20 m) (1.20	0.3	118 3.0 - 1.	-6	6 1 3 8 4 4 2 1 3 5 4 4 4 5 5 5 5 6 4 1 1 1 4 4 6 6 7 7 7 4 4 4 6 6 7 7 7 4 4 5 6 5 5 5 6 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Nisket FFES TOO  Carestions 50  Carestions 50  Carestions 50  Carestions 50  ASE Allers  ASE Allers  ASE Allers  Manual Booreage (Broze)  Modod  Modo	18.419 2.148 3.110 2.110	0.3 (2.5 (2.5 (2.5 (2.5 (2.5 (2.5 (2.5 (2.5	118 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	-6	-6 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1
Nisked FFES TOO  FaceShows 50  FaceShows 50  AND CAC  CAC  MASC Interes	18.419 (1.20 m) (1.20	0.3	118 3.0 - 1.	-6	-6 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1





Developed Markets US (2-yr) US GER (2-yr)	ts (10Y, %, ch level 1,16				
GER (2-yr)		-4.1	-7.3	Month -15	YTD -5
	2.18 -0.86	-6.7 -0.2	-11.4 -1.4	-32 -9	-26 -9
Germany France	0.16 0.89	-3.1 -2.4	-4.8 -7.0	-28 -22	-12 8
Spain	1.67	-3.7 -5.6	2.6	-21 -10	16 39
Italy Portugal	2.26 3.82	-6.7	-2.0 -3.6	-75	-36
Greece Japan (2-yr)	6.79 -0.22	11.9 -1.3	6.9 0.4	-61 -4	-10 -3
Japan Emerging Markets	0.01	-1.3 -2.7 Daily	-6.5 Weekly	-6 Monthly	-6 YTD
Brazil	10.05	-4.3	2.5	-18	-136
Chile Colombia	3.91 6.57	-0.1 -5.0	-3.4 -5.4	-42 -27	-42 -52
Mexico Penu	7.12 5.79	-3.1 0.2	-10.1 -5.1	-13 -16	-51 -68
Poland Russia	3.37	-4.1 3.7	-7.6 -3.0	-37	-35 -36
Turkey	10,66	8.0	-3.0	-4	-34
India Indonesia	6.86 7.06	1.7	5.4 -2.7	-17	48 -78
Country	risk (bp, chang	es in bp)			
Developed Markets 10-yr so vereign spread vs Germany	level	Daily	Weekly	Monthly	YTD
France	74 211	0.7	-2.2	6 18	20
Italy Portugal	366	-2.5 -3.6	2.8 1.2	-19	51 4
Spain 2-vr sovereign spread vs Germany	151	-0.6	7.4	7	36
France	54	0.7	-0.5	22	44
Italy Portugal	82 127	-2.5 0.9	0.1 2.4	-82	21 -20
Spain	65	-2.5	-0.5	2	17
Emerging Markets 5-yr sovereign CDS*	level	Daily	Weekly	Monthly	YTD
Brazil	222	-4	4	8	-50
Chile Colombia	78 135	2	5	6	-4 -28
Mexico	129	1	3	-3	-27
Peru Venezuela	104 3,464	-25	-113	7 37	-4 -441
Poland	69	0	0	5	-7
Russia Turkey	167 231	0	-5 -3	2	-9 -41
China India	88 99	0	5	7	-29 -28
Indonesia	137	0	1 7	14	-28 -19
	lisk indicators	Daily	West	Marella	VXX
VIX	level 15	4.8	Weekly 2	Monthly 36	YTD 4
VSTOXX	26	9.4	12	129	9
EM EFT volatility Index Dollar/euro volatility	21 13	3.1 -2.9	7	50 91	4 26
EM FX volatility index	9 237	-1.0	-2 10	4 8	-17
Credit spread (BAA) (bps) US bonds volatility index	71	6.7 -4.7	10	17	10 -7
Banking 5 y CDS (bps) *	level	Daily	Weekly	Monthly	YTD .q
US EZ	63 116	0.3	1 4	3 13	-9 B
UK	81	0.1	1	10	-9
Large Spanish Medium Spanish	107 165	0.2	-4	-1 9	-10 13
	level	Daily	Weekly	Monthly	YTD
US Non-financial EZ Non-financial	153 102	0.3	1 4	3 13	-9 B
UK Non-financial	123	0.0	2	12	-2
III.CHAIIK III	arkets (%, ch	Daily	Weekly	Monthly	YTD
EONIA Index	-0.36	0.00	0.0	0.0	0.0
Euribor 3m Euribor 12m	-0.33 -0.12	0.00	0.0	0.0	0.0
Libor 3m Libor 12m	1.16 1.77	0.00	0.0	0.0	0.2
EZ TED spread 3m	47.2	0.00	3.4	-11.3	-19.2
Sto	ock markets (	(6)			
Main indic es	level	Daily	Weekly	Monthly	YTD
S&P500 Dow Jones	2,337 20,480	-0.5 -0.8	-0.7 -0.8	-2 -2	3
Nikkei	18,419	0.3	-1.8	-6	-6
FTSE 100 EuroStoxx 50	7.148 3,410	-2.5 -1.1	-3.0 -1.7	-4 -1	-1 3
IBEX	10.265	-0.6	-1.5	0	8
DAX	12,000 4,990	-0.9 -1.6	-1.1 -2.2	-1	4
MIB ASE Athens	19,443	-1.7 -0.9	-3.3 -0.4	-3 5	-1 3
MSCI Latam *	677 76.714	1.4	-0.8	0	5
Ibovespa (Brazil) Maybol	64.128 48.579	-0.3 -0.9	-0.4 -2.1	0	4
MSCI EM Europe *	4,777				
		0.8	-1.1	-2	-5
Poland	2,237	0.2	-1.1 0.7	-3	12
Poland Micex (Russia)	2,237 1,920 91,374	0.2 -1.2 0.8	-1.1 0.7 -2.9 0.5	-3 -6 1	12 -15 20
Poland Micex (Russia) Ise 100 (Turkey) MSCIEM Asia *	2,237 1,920 91,374 760	0.2 -1.2 0.8 0.0	-1.1 0.7 -2.9 0.5 -0.3	-3 -6 1 0	12 -15 20 9
Poland Micex (Russia) se 100 (Turkey) MSCI EM Asia * Shanghai Com (China) Jakarta (Indonesia)	2,237 1,920 91,374	0.2 -1.2 0.8 0.0 -0.8 -0.2	-1.1 0.7 -2.9 0.5	-3 -6 1	12 -15 20 9 1 6
Poland Micex (Russia) Iss 100 (Turkey) MSCI EM Asia * Shanghai Com (China) Jakarta (Indonesia) Janking sector	2,237 1,920 91,374 760 3,197 5,607	0.2 -1.2 0.8 0.0 -0.8	-1.1 0.7 -2.9 0.5 -0.3 -2.8	-3 -6 1 0	12 -15 20 9
Poland Micex (Russia) Micex (Russia) MSCI EM Asia * Shanghai Com (China) Jakaria (Indonesia) Janking sector US banks JPM	2,237 1,920 91,374 760 3,197 5,607 level 112,3 84,8	0.2 -1.2 0.8 0.0 -0.8 -0.2 Daily -2.4 -1.2	-1.1 0.7 -2.9 0.5 -0.3 -2.8 -0.7 Weekly -2.8 -1.0	-3 -6 1 0 -1 2 Monthly -9 -6	12 -15 20 9 1 6 YTD -6
Poland Mince (Russia) se 100 (Turkey) MSGI EM Asia * Shanghal Com (Chia) Jakarta (Indonesia) Shahing sector US banks	2,237 1,920 91,374 760 3,197 5,607 level 112,3	0.2 -1.2 0.8 0.0 -0.8 -0.2 Daily -2.4 -1.2 -1.4	-1.1 0.7 -2.9 0.5 -0.3 -2.8 -0.7 Weekly -2.8 -1.0 -1.5	-3 -6 1 0 -1 2 Monthly -9 -6 -4	12 -15 20 9 1 6 YTD -6 -2 -5
Poland Micro (Russia) sea 10.0 (Turkey) MSCI EM Aula * Shanghal Com (China) aleatra (Indonesia) Banking sector US banks UPM CBI BBA MS MS	2,237 1,920 91,374 760 3,197 5,607 level 112,3 84,8 58,2 22,4 40,8	0.2 -1.2 0.8 0.0 -0.8 -0.2 Daily -2.4 -1.2 -1.4 -1.8 -1.6	-1.1 0.7 -2.9 0.5 -0.3 -2.8 -0.7 Weekly -2.8 -1.0 -1.5 -2.2 -1.8	-3 -6 1 0 -1 2 Monthly -9 -6 -4 -10 -9	12 -15 20 9 1 6 YTD -6 -2 -5 -2 -6
Pokand Misco (Rinska) sea 100 (* Turkey) MSQ EM Asia * Shanghat (com (*China) alabatra findnonisa) Buraking pector US bandos UPM GB 686 A MS 65 ES banks	2,237 1,920 91,374 760 3,197 5,607 level 112,3 84,8 58,2 22,4	0.2 -1.2 0.8 0.0 -0.8 -0.2 Daily -2.4 -1.2 -1.4 -1.6 -4.8 -1.4	-1.1 0.7 -2.9 0.5 -0.3 -2.8 -0.7 Weekly -2.8 -1.0 -1.5 -2.2	-3 -6 1 0 -1 2 Monthly -9 -6 -4 -10	12 -15 20 9 1 6 YTD -6 -2 -5 -2 -6 -11
Pockard Micro (Rinsia) Micro (Rinsia	2,237 1,920 91,374 760 3,197 5,607 level 112,3 84,8 58,2 22,4 40,8 215,4 98,2 57,3	0.2 -1.2 0.8 0.0 -0.8 -0.2 Daily -2.4 -1.2 -1.4 -1.6 -4.8 -1.4 -1.7	-1.1 0.7 -2.9 0.5 -0.3 -2.8 -0.7 Weekly -2.8 -1.0 -1.5 -2.2 -1.8 -5.4 -3.9 -3.5	-3 -6 1 0 -1 2 Monthly -9 -6 -4 -10 -9 -12	12 -15 20 9 1 6 YTD -6 -2 -5 -2 -6 -11 -7
Pockard Micro (Russia) Micro (Russia) Sea 100 (Turkey) SHO (EM Asia*) Sharaghal (Com (China) Sharaghal (Com (China) Sharaghal (Sharaghal) Sharaghal (Sharaghal) Sharaghal Sharag	2,237 1,920 91,374 760 3,197 5,607 level 112,3 84,8 58,2 22,4 40,8 215,4 98,2 57,3 11,7 14,9	0.2 -1.2 0.8 0.0 -0.8 -0.2 Daily -2.4 -1.2 -1.4 -1.8 -1.6 -4.8 -1.7 -1.8 -1.7	-1.1 0.7 -2.9 0.5 -0.3 -2.8 -0.7 Weekly -2.8 -1.0 -1.5 -2.2 -1.8 -5.4 -3.9 -4.5 -2.6	-3 -6 1 0 -1 2 Monthly -9 -6 -4 -10 -9 -12 -6 -5 -5	12 -15 20 9 1 6 YTD -6 -2 -5 -2 -6 -11 -7 -9 -5
Pockard Micros Glussia) Micros Glussia) See 100 (Turkey) See 100 (Turkey) Sharpine (Corn (China) Sharpine (Chin	2,237 1,920 91,374 760 3,197 5,607 level 112,3 84,8 58,2 22,4 40,8 215,4 98,2 57,3 11,7 14,9 13,7	0.2 -1.2 0.8 0.0 -0.8 -0.2 Daily -2.4 -1.2 -1.4 -1.6 -4.8 -1.7 -1.8 -1.5 -1.1	-1.1 0.7 -2.9 0.5 -0.3 -2.8 -0.7 Weekly -2.8 -1.0 -1.5 -2.2 -1.8 -5.4 -3.9 -3.5 -4.5 -2.6 -2.6	-3 -6 1 0 -1 2 Monthly -9 -6 -4 -10 -9 -12 -6 -5 -7 -5	12 -15 20 9 1 6 7 70 -6 -2 -5 -2 -6 -11 -7 -9 -5 -9 -2
Pockard Micro Gitussia) Micro Gitussia) Sea 100. (Turkey) MSCI EM Asia* Sharpha (Com (China) Salakara Gindonissia) Silakara Gindonissia) Silakara Gitussia S	2,237 1,920 19,374 760 3,197 5,607 1243 84,8 58,2 22,4 40,8 215,4 98,2 57,3 11,7 14,9 13,7 2,4	0.2 -1.2 0.8 0.0 -0.8 -0.2 Daily -2.4 -1.2 -1.4 -1.8 -1.6 -4.8 -1.7 -1.8 -1.5 -1.1 -2.1 -2.1	-1.1 0.7 -2.9 0.5 -0.3 -2.8 -0.7 -2.8 -1.0 -1.5 -2.2 -1.8 -5.4 -3.9 -3.5 -4.5 -2.6 -2.6 -4.6 -5.0	-3 -6 1 0 -1 2 Monthly -9 -6 -4 -10 -9 -12 -6 -5 -5 -7 -7 -5 -4 -9	12 -15 20 9 1 6 YTD -6 -2 -5 -2 -6 -11 -7 -9 -5 -9 -2 -6 -11
Pockand Micros Grussia) Micros Grussia) Micros Grussia Micros Grussia Micros Grussia Micros Grussia Micros Micro	2,237 1,920 91,374 760 3,197 5,607 level 112,3 84,8 58,2 22,4 40,8 215,4 98,2 57,3 11,7 14,9 13,7 2,4 43,0 12,9	0.2 -1.2 0.8 -0.0 -0.8 -0.2 Daily -2.4 -1.2 -1.4 -1.8 -1.6 -4.8 -1.4 -1.7 -1.8 -1.5 -1.1 -2.1 -1.1 -2.1	-1.1 0.7 -2.9 0.5 -0.3 -2.8 -0.7 Weekly -2.8 -1.0 -1.5 -2.2 -1.8 -5.4 -3.9 -3.5 -4.5 -2.6 -4.6 -5.0 -4.9	-3 -6 1 0 -1 2 Monthly -9 -6 -4 -10 -9 -12 -6 -5 -5 -7 -5 -4 -9 -12	12 -15 20 9 1 6 -2 -5 -2 -6 -11 -7 -9 -5 -9 -2 -6 -11 -8
Pockard Micros Glussia) Micros Glussia) Sea (100 ( Mular ) Sea (100 (	2,237 1,920 91,374 760 3,197 5,607 level 112,3 84,8 58,2 22,4 40,8 215,4 98,2 57,3 11,7 14,9 13,7 2,4 43,0 12,9 81,8 626,2	0.2 -1.2 0.8 -0.2 Daily -2.4 -1.2 -1.4 -1.6 -4.8 -1.4 -1.7 -1.8 -1.5 -1.1 -2.1 -1.1 -0.3 -2.0 -2.7	-1.1 0.7 -2.9 0.5 -0.3 -2.8 -0.7 Weekly -2.8 -1.0 -1.5 -2.2 -1.8 -5.4 -3.9 -3.5 -4.5 -2.6 -2.6 -4.6 -5.0 -4.9 -3.5 -4.8	-3 -6 -1 0 -1 2 Monthly -9 -6 -4 -10 -9 -12 -6 -5 -7 -5 -4 -9 -12 -8 -5 -5 -7	12 -15 20 9 1 6 YTD -6 -2 -5 -2 -6 -11 -7 -9 -5 -9 -2 -6 -11 -8 -7
Pockand Micros Grussia) Micros Grussia) Micros Grussia Micros Grussia Micros Grussia Micros Grussia Micros Mi	2,237 1,920 91,374 760 3,197 5,607 level 112,3 84,8 58,2 22,4 40,8 215,4 98,2 257,3 11,7 14,9 13,7 2,4 43,0 12,9 81,8 81,8 81,8	0.2 -1.2 0.8 0.0 -0.8 -0.2 -1.4 -1.2 -1.4 -1.6 -4.8 -1.4 -1.7 -1.8 -1.1 -2.1 -1.1 -0.3 -2.0 -2.7 -1.6	-1.1 0.7 -2.9 0.5 0.3 -2.8 -0.7 Weekly -2.8 -1.0 -1.5 -2.2 -1.8 -5.4 -3.5 -4.5 -2.6 -4.6 -5.0 -4.9 -3.5 -4.9 -4.9 -4.9	-3 -6 -1 0 -1 2 Monthly -9 -6 -4 -10 -9 -12 -6 -5 -5 -7 -5 -4 -9 -12 -8 -5 -8	12 -15 20 9 1 6 YTD -6 -2 -5 -2 -6 -11 -7 -9 -2 -2 -6 -11 -8 -7 -7 -4
Product Micros (Marsia) Micro (Marsia) Micros (Marsia) Micro (Marsia) Micros (Marsia) Micros (Marsia) Micros (	2,237 1,920 91,374 760 3,197 5,607 ievel 112,3 84,8 215,4 40,8 215,4 98,2 57,3 11,7 14,9 13,7 2,4 43,0 12,9 81,8 62,6 224,7 20,7 3,0 12,9 3,1 12,9 13,9 14,9 14,9 15,0 16,0 16,0 16,0 16,0 16,0 16,0 16,0 16	0.2 -1.2 0.8 0.0 -0.8 -0.2 Daily -2.4 -1.2 -1.4 -1.8 -1.6 -4.8 -1.5 -1.1 -2.1 -1.1 -0.3 -2.0 -2.7 -1.6 -2.5 -2.6 -2.5 -2.6 -2.5 -2.6 -2.6 -2.6 -2.6 -2.6 -2.6 -2.6 -2.6	-1.1 0.7 -2.9 0.5 -0.3 -2.8 -0.7 Weekly -2.8 -1.0 -1.5 -2.2 -1.8 -5.4 -3.9 -3.5 -4.5 -2.6 -4.6 -5.0 -4.9 -3.9 -4.8 -4.2 -4.8 -4.2 -4.8	-3 -6 -1 0 -1 2 Monthly -9 -6 -4 -10 -9 -12 -6 -5 -7 -5 -4 -9 -12 -8 -5 -8 -10 -10	12 -15 20 9 1 1 6 -2 -5 -2 -6 -11 -7 -9 -5 -9 -2 -2 -6 -11 -7 -7 -4 -12 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4
Pockand Micros Grussia) Micros Grussia) Micros Grussia Micros Grussia Micros Grussia Micros Grussia Micros Micro Mic	2,237 1,920 91,374 760 3,197 5,607 112,3 84,8 58,2 22,4 40,8 215,4 98,2 57,3 11,7 14,9 81,8 62,6 22,4 43,0 12,9 13,7 24,7 27,0 27,0 37,0 37,0 37,0 37,0 37,0 37,0 37,0 3	0.2 -1.2 -0.8 -0.0 -0.2 -0.2 -0.2 -0.2 -1.4 -1.8 -1.4 -1.7 -1.1 -1.1 -1.1 -1.1 -1.1 -1.1 -1.2 -1.2	1.1.1 0.7 2.9 0.5 0.3 2.8 0.7 2.8 1.0 2.8 1.0 2.2 2.2 1.5 2.2 2.2 4.5 2.6 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5	-3 -6 1 0 -1 1 2 2 Monthly 9 -6 -4 -4 -10 -9 -112 -6 -5 -5 -5 -7 -5 -4 -9 -12 -8 -9 -12 -8 -9 -10 -10 -10 -10 -10 -10 -10 -10 -10 -10	12 -15 20 9 1 1 6 -2 -5 -2 -6 -11 -7 -7 -9 -2 -6 -11 -11 -4 -12 -4 -4 -6 -7 -7 -7 -7 -7 -4 -12 -13 -14 -15 -16 -17 -17 -17 -17 -17 -17 -17 -17 -17 -17
Pockand Micros Grussia) Micros Grussia) Micros Grussia Micros Grussia Micros Grussia Micros Grussia Micros Micro Mic	2,237 1,920 91,374 760 3,197 5,607 level 112,3 84,8 58,2 22,4 40,8 215,4 98,2 57,3 11,7 2,4 43,0 12,9 81,8 626,2 224,7 36,2 43,0 62,2 82,4 53,6 63,6 64,6 65,6 66,2 66,2 66,2 66,2 66,2 66,2 66	0.2 1.2 0.8 0.0 0.8 0.2 0.2 1.4 1.4 1.8 1.4 1.5 1.1 1.5 1.1 1.1 1.3 2.0 2.7 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	1.1.1 0.7 2.9 0.5 0.3 2.8 0.7 7 2.8 1.0 2.8 1.0 2.8 1.0 3.5 4.5 4.5 4.5 4.6 5.4 4.6 5.0 4.6 4.6 4.6 4.6 4.6 4.6 4.6 4.6 4.6 4.6	-3 -6 1 0 -1 2 2 -2 -Monthly -9 -6 -4 -10 -9 -112 -6 -5 -5 -5 -5 -4 -4 -9 -112 -8 -8 -112 -8 -8 -112 -8 -112 -8 -112 -8 -112 -8 -112 -8 -112 -8 -112 -8 -8 -8 -8 -8 -8 -8 -8 -8 -8 -8 -8 -8	12 -15 20 9 1 6 -2 -5 -2 -6 -11 -7 -9 -2 -2 -6 -11 -8 -7 -7 -4 -12 -4 -6 -7 -7 -7 -7 -4 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7
Pockand Micros Grussia) Micros Grussia) Micros Grussia) Micros Grussia Micros Grussia Micros Grussia Micros Micro	2,237 1,920 91,374 760 3,197 5,607 12,3 84,8 58,2 22,4 40,8 41,8 41,7 11,7 14,9 13,7 2,4 43,0 12,9 81,8 62,6 22,4 43,0 12,9 81,8 62,6 22,4 43,0 12,9 81,8 62,6 62,6 63,6 63,6 63,6 63,6 63,6 63,6	0.2 -1.2 0.8 0.0 0.8 0.2 -2.4 -1.4 -1.8 -1.6 -4.8 -1.7 -1.8 -1.1 -1.1 -1.1 -1.1 -1.1 -1.1 -1.2 -1.2	1.11 0.7 2.9 0.5 0.3 2.8 0.7 Weekly 2.8 2.10 1.0 1.5 2.2 2.2 2.2 2.6 2.6 4.6 4.9 3.5 4.2 4.2 3.3 3.3 3.5 4.3 4.2 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3	3 6 1 0 1 2 Monthly 9 6 4 4 10 9 9 11 12 8 5 5 5 7 7 7 5 4 9 9 11 12 8 12 8 13 14 8 15 15 16 16 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	12 -15 20 9 1 6 -2 -5 -2 -2 -6 -11 -7 -7 -4 -4 -12 -4 -4 -7 -7 -4 -12 -4 -4 -13 -13 -13 -13 -13 -13 -13 -13 -13 -13
Pockard Micros Grussia) Micros Grussia) Micros Grussia Micros Grussia Micros Grussia Micros Grussia Micros Grussia Micros Grussia Micros Micro Micros Micro	2,237 1,920 91,374 760 3,197 5,607 1112,3 84,8 58,2 22,4 40,8 215,4 98,2 57,3 11,7 14,9 13,7 2,4 43,0 12,9 12,9 13,0 14,0 12,0 14,0 15,0 16,0 16,0 16,0 16,0 16,0 16,0 16,0 16	0.2 1.2 0.8 0.0 0.8 0.2 0.8 0.2 2.4 1.2 1.4 1.5 1.1,5 1.1,5 1.1 1.1,5 1.1,5 1.1,6 1.5 1.1,6 1.5 1.6 1.5 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	1.1.1 0.7 2.9 0.5 0.3 2.8 0.7 Weekly 2.8 1.0 1.15 5.2 2.1 1.5 4.5 4.5 4.5 4.5 4.6 4.6 4.6 4.6 4.6 4.6 4.6 4.6 4.6 4.6	3 6 1 0 1 2 Monthly 9 9 6 4 4 10 9 12 6 5 5 7 7 5 4 9 9 12 8 14 9 14 9 14 9 14 14 15 15 16 16 16 16 16 16 16 16 16 16 16 16 16	12 -15 20 9 1 6 - YTD -6 -2 -5 -5 -2 -6 -111 -7 -7 -4 -12 -4 -12 -4 -12 -4 -13 -13 -13 -13 -13 -13 -13 -13 -13 -13
Pockand Micros Glussia) Micros Glussia) Sea 10.0 (Turkey) Sea 10.0	2,237 1,920 91,374 760 3,197 5,607 112,3 84,8 58,2 22,4 40,8 215,4 98,2 57,3 11,7 14,9 13,7 2,4 43,0 12,9 81,8 62,6 22,4 43,0 12,9 81,8 62,6 62,6 7,0 63,6 63,6 63,6 63,6 63,6 63,6 63,6 63	0.2 1.2 0.8 0.0 0.8 0.2 2.4 1.2 1.4 1.5 1.6 1.6 1.6 1.7 1.7 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	1.1.1 0.7 -2.9 0.5 0.3 2.8 0.7 2.8 1.0 1.5 2.2 1.8 3.9 4.5 2.6 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5	3 6 1 0 1 2 2 Monthly 9 6 4 10 9 12 6 5 5 5 7 7 5 4 9 12 4 9 12 12 4 9 12 12 12 14 14 14 14 15 15 16 16 16 16 16 16 16 16 16 16 16 16 16	12 -15 -20 -9 -1 -6 -2 -5 -2 -6 -11 -7 -7 -4 -12 -4 -6 -7 -7 -4 -12 -4 -6 -7 -7 -4 -13 -4 -13 -13 -14 -15 -15 -15 -15 -15 -15 -15 -15 -15 -15
Product Micros (Carsia) Micro (Carsia) Micros (Carsia) Micro (Carsia) Micros (Carsia) Micros (Carsia) Micros (	2,237 1,920 91,374 760 3,197 5,607 112,3 84,8 58,2 22,4 40,8 215,4 98,2 57,3 11,7 13,7 14,9 8,2 22,4 40,8 215,4 98,2 57,3 11,7 12,4 40,8 62,6 62,6 62,6 63,6 64,6 64,6 64,6 64,6 64,6 64,6 64	0.2 Daily 2.4 1.2 1.3 1.8 1.5 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	1.1.1 0.7 -2.9 0.5 0.3 -2.8 0.7 -2.9 0.5 -0.7 -2.9 0.5 -0.7 -2.8 0.7 -2.8 0.7 -2.8 0.5 -2.6 0.5 0.9 -2.2 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	3 6 1 0 1 2 2 Monthly 9 6 4 4 10 9 112 6 5 5 7 7 5 4 4 9 12 8 8 14 12 8 8 14 8 15 8 16 8 16 8 16 8 16 8 16 8 16 8 16	12 -15 20 9 1 6 -2 -5 -2 -2 -5 -6 -11 -7 -7 -4 -12 -4 -6 7 -7 -4 -12 -4 -13 -4 -13 -4 -13 -14 -15 -16 -17 -17 -17 -17 -17 -17 -17 -17 -17 -17
Product Micros Classics   Micro Classics   Micros Classics   Micros Classics   Micros Classics   Micro C	2,237 1,920 91,374 760 3,197 5,607 kevel 112,3 84,8 58,2 22,4 40,8 215,4 98,2 57,3 11,7 14,9 13,7 2,4 41,0 13,7 2,4 5,5 6,8 76,1 3,7 0,6 1,6 7,9 10,0 red for current	0.2 1.2 0.8 0.0 0.8 0.2 2.4 1.2 1.4 1.8 1.4 1.7 1.8 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	1.1.1 0.7 (2.9 0.5 0.3 2.8 0.7 0.7 (2.9 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	-3 -6 -1 -1 -2 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	12 -15 -20 -9 -1 -1 -6 -2 -5 -2 -6 -111 -7 -9 -9 -2 -6 -111 -7 -7 -4 -12 -4 -6 -7 -5 -4 -13 -3 -4 -16 -4 -2 -2 -4 -17 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7
Problems  Indices Grussia)  Indices Grussia)  Indices Grussia)  Indices Grussia  Indices Grussia  Indices Grussia  Indices Grussia  Indices Grussia  Indices Indices  Indices Indices Indices  Indices Indices Indices  Indices Indices Indices  Indices Indices Indices  Indices Indices Indices  Indices Indices Indices  Indices Indices Indices  Indices Indices  Indices Indices  Indices Indices Indices  Indices Indices Indices  Indice	2,237 1,920 91,374 760 3,197 5,507 level 112,3 84,8 58,2 22,4 58,2 215,4 43,0 12,9 13,7 2,4 43,0 12,9 81,8 62,62 22,47 63,6 63,6 66,6 66,6 67,9 red for current level 1,07 red for current level 1,07	0.2 1.2 0.8 0.0 0.8 0.2 0.2 0.5 0.1 0.2 1.4 1.8 1.6 1.4 1.7 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.2 1.2 1.2	1.1.1 0.7 (2.9 0.5 0.3 2.8 0.7 (2.8 0.7	3 -6 -6 -1 -1 -2 -1 -1 -2 -1 -1 -2 -1 -1 -2 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	125 200 9 1 6 7710 6 775 9 2 2 6 111 77 9 9 2 2 6 6 7 7 7 4 12 4 4 6 7 7 5 4 13 3 34 4 16 4 2 2
Prochand Micros Clausian Micros Micro Micros Micros Micros Micros Micros Micros Micros Micro	2,237 1,920 91,374 760 3,107 1,607 1,607 1,103 1	0.2 1.2 0.8 0.0 0.8 0.2 0.2 1.4 1.4 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	1.1.1 0.7 (2.9 0.5 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	-3 -6 -10 -10 -9 -12 -6 -5 -5 -7 -7 -5 -4 -9 -112 -8 -5 -5 -3 -10 -10 -10 -5 -5 -5 -3 -6 -10 -10 -10 -10 -10 -10 -10 -10 -10 -10	12 -15 20 9 1 6 71 0 6 -2 -2 -6 11 -7 9 -2 -6 11 -1 12 -4 4 6 6 7 7 5 4 113 34 116 4 -2 -2 -2 4 8 8
Pockard Micros Grussia) Micros Grussia) Micros Grussia Micros Grussia Micros Grussia Micros Grussia Micros Grussia Micros Grussia Micros Micro Micros Micros Micros Micros Micros Micros Micro Mi	2.237 1.920 91.374 760 3.197 760 3.197 760 3.197 1.603 1.103 1.603 1.603 1.703	0.2 1.2 0.8 0.0 0.8 0.2 2.4 1.2 1.1.4 1.8 1.5 1.5 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	1.1.1 (1.7 c.2.9 c.2.8 c	-3 -6 -10 -11 -12 -6 -4 -10 -9 -12 -6 -5 -5 -7 -5 -4 -9 -12 -8 -5 -3 -10 -4 -3 -4 -5 -5 -5 -3 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6	12 -15 20 9 1 6 -2 -5 -5 -2 -2 6 -111 7 7 -7 -4 -12 4 6 7 7 5 4 13 -34 16 6 4 -2 2 4 4 8 3 3
Problem  Micros Clausia)  Micros Clausia)  Micros Clausia  Micro Clausia  Micros Clausia  Micr	2.237 1.920 91,374 91,3	0.2 0.8 0.0 0.0 0.8 0.2 0.1 0.2 0.6 0.1 0.2 0.6 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	11.1 0.7 (2.9 0.5 0.3 0.5 0.5 0.3 0.7 (2.8 0.7 0.5 0.3 0.7 0.5 0.3 0.7 0.7 0.5 0.5 0.7 0.5 0.5 0.7 0.5 0.5 0.7 0.5 0.5 0.7 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	-3 -6 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	12 -15 20 9 1 6 -2 -5 -2 -2 -6 -111 -8 -7 -7 -4 -12 -4 -4 6 7 7 5 4 3 -3 44 -2 2 4 4 -8 3 3 Year 5
Product Micros Countries (1997)  Micros Countr	2.237 1.320 91,374 91,3	0.2 1.2 0.8 0.0 0.8 0.2 0.2 1.4 1.4 1.5 1.5 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	1.1.1 0.7 2.9 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	-3 -6 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	12 -15 20 9 1 6 6 -2 1 5 -2 6 -11 7 -7 -9 9 -2 6 6 -11 1 8 -7 7 -4 4 6 6 7 5 4 4 6 6 7 5 4 4 6 7 5 4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Pockard Micros Grussia) Micros Grussia) Micros Grussia Micros Grussia Micros Grussia Micros Grussia Micros Grussia Micros Micro	2.237 1.920 91,374 91,3	0.2 0.8 0.0 0.0 0.8 0.0 0.0 0.0 0.0 0.0 0.0	1.1.1 0.7 2.9 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	3 6 1 0 1 2 Morthly 9 6 4 4 10 12 6 5 5 7 7 5 4 9 9 11 2 8 5 5 8 11 0 14 3 4 5 5 5 3 6 6 Morthly 0 4 3 3 0 3 2 1 2 7 2 7 3 3 2 1 2 7 3 3 2 1 2 7 7 3 3 2 1 2 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	12 -15 20 9 1 6 8 -2 2 6 -111 -7 -9 9 -2 -2 6 6 -111 8 -7 -7 -4 4 6 7 7 5 4 4 13 3 -4 4 8 3 3 Year 5 4 3 3 4
Product Micros Countries (Micros Countries) (Micros	2.237 1.920 91,374 91,3	0.2 0.8 0.0 0.0 0.8 0.0 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	11.1 0.7 2.9 0.5 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	-3	122 -15 20 9 1 6 6 2 -5 -5 -5 -6 -11 -7 -9 -5 -6 -11 3 -34 4 16 6 7 7 2 4 8 8 3 Year 5 5 4 3 3 4 14
Product Micros Granish Micros	2.237 1.920 91,374 91,3	0.2 0.8 0.0 0.0 0.8 0.0 0.0 0.0 0.0 0.0 0.0	1.1.1 0.7 (2.9 0.5 0.3 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	3 6 1 0 1 2 Monthly 9 - 6 4 - 4 1-10 9 - 1-12 6 6 5 5 - 5 4 9 9 - 1-12 8 6 1 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	122 20 9 9 1 6 2 2 5 5 2 6 111 7 7 9 9 2 2 6 111 8 8 7 7 7 4 4 12 2 4 4 8 8 3 Year 4 3 3 4 4 8 8
Pockand Micros Grussia) Micros Grussia) Micros Grussia) Micros Grussia Micro Grussia Micros Grussia Micros Grussia Micros Grussia Micros Grus	2.237 1.320 91,374 91,3	0.2 0.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.1.1 0.7 2.9 0.5 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	-3	122 -15 -20 -9 1 6 -6 -2 -5 -5 -6 -11 -7 -7 -9 -9 -2 -2 -6 -6 -11 -13 -3 -4 -12 -2 -4 -8 -3 -3 -4 -4 -8 -5 -4 -4 -8 -5 -4 -4 -8 -5 -4 -4 -8 -5 -4 -4 -8 -5 -4 -4 -8 -5 -4 -4 -8 -5 -4 -4 -8 -5 -4 -4 -4 -8 -5 -4 -4 -4 -8 -5 -4 -4 -4 -8 -5 -4 -4 -4 -8 -5 -4 -4 -8 -5 -4 -4 -4 -8 -5 -4 -4 -4 -8 -5 -4 -4 -4 -8 -5 -4 -4 -4 -8 -5 -4 -4 -4 -8 -5 -4 -4 -4 -8 -5 -4 -4 -4 -8 -5 -4 -4 -4 -4 -8 -5 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4
Problems  Micros Grussia)  Micros Grussia)  Micros Grussia)  Micros Grussia  Micro Grussia  Micros Grussia  Mi	2.237 1.320 91,374 91,3	0.2 0.8 0.0 0.0 0.1 0.	1.1.1 0.7 2.9 0.5 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	3 6 1 0 0 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	122 - 155 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 3 - 3
Pockard Micros Grussia) Micros Grussia) Micros Grussia) Micros Grussia Micros Grussia Micros Grussia Micros Grussia Micros Micro Micr	2.237 1.920 91,374 91,3	0.2 0.8 0.0 0.0 0.8 0.0 0.0 0.8 0.0 0.0 0.0	1.1.1 0.7 2.9 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	3 6 1 1 0 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	122 - 15 - 20 - 11 - 16 - 17 - 17 - 17 - 17 - 17 - 17
Pockand Micros Grussia) Micros Grussia) Micros Grussia Micros Micro Micros Micros Micros Micros Micro	2.237 1.320 91.374 91.3	0.2 0.8 0.0 0.0 0.8 0.0 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	1.1.1 0.7 2.9 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	3 6 1 0 1 1 2 2 Mountly 9 6 4 4 1 1 0 1 1 2 5 5 5 7 7 5 4 9 1 1 2 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	122 - 15 - 20 - 11 - 16 - 17 - 17 - 18 - 17 - 17 - 18 - 17 - 17
Problems  (Marco Roussia)  (Marco Roussia)  Marco Land Asia  SEC Land Asia  155 L	2.237 1.320 91,374 91,374 91,374 1.23 1.24 1.24 1.24 1.24 1.24 1.24 1.27 1.27 1.27 1.27 1.27 1.27 1.27 1.27	0.2 0.8 0.0 0.0 0.8 0.0 0.0 0.0 0.0 0.0 0.0	1.1.1 0.7 2.9 0.7 2.9 0.7 2.9 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	3 6 1 0 0 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	122 - 155 - 2 - 4 - 17 - 7 - 4 - 12 - 4 - 6 - 7 - 7 - 4 - 12 - 4 - 8 - 3 - 3 - 4 - 4 - 8 - 5 - 7 - 3 - 1 - 5 - 5 - 3 - 1 - 5 - 5 - 3 - 1 - 5 - 5 - 3 - 1 - 5 - 5 - 3 - 1 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5
Pockand Micros Grussia) Micros Grussia) Micros Grussia Micros Grussia Micros Grussia Micros Grussia Micros Grussia Micros Micro M	2.237 1.920 91,374 91,3	0.2 0.8 0.0 0.0 0.8 0.2 0.1 0.5 0.1 0.0 0.5 0.8 0.0 0.0 0.8 0.0 0.0 0.8 0.0 0.0 0.0	1.1.1 0.7 2.9 0.7 2.9 0.7 2.9 0.3 2.8 3.0 0.7 0.7 0.8 0.7 0.7 0.9 0.8 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	3 6 1 1 0 1 1 1 1 1 2 1 2 1 1 2 1 2 1 1 2 1 2	122 9 1 1 6 9 1 1 1 6 9 1 1 1 1 1 1 1 1 1 1
Pockand Micros Grussia) Micros Grussia) Micros Grussia) Micros Grussia Micros Grussia Micros Grussia Micros Grussia Micros Micro	2.237 1.320 91,374 91,3	0.2 0.8 0.0 0.0 0.8 0.5 0.1 0.0 0.8 0.5 0.0 0.0 0.8 0.0 0.0 0.0 0.8 0.0 0.0 0.0	1.1.1 0.7 2.9 0.7 2.9 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.7 0.7 0.1 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	3 6 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	122 29 1 1 6 6 2 5 5 2 6 6 111 7 7 7 4 4 12 2 4 4 6 7 7 7 5 5 4 2 2 2 4 4 8 8 8 3 Year 5 1 1 5 1 1 5 7 7 3 1 1 5 7 7 7 1 2 Year 3 3 1 4 4 8 8 8 7 7 7 7 8 9 9 9 9 9 9 9 9 9 9 9 9
Pockard Micros Grussia) Micros Grussia) Micros Grussia) Micros Grussia Micros Grussia Micros Grussia Micros Grussia Micros Micro Micros Micros Micros Micros Micros Micros Micros Micros Micro	2.237 1.920 91,374 1.920 91,374 1.920 1.92	0.2 0.8 0.0 0.0 0.8 0.5 0.1 0.0 0.1 0.0 0.8 0.5 0.1 0.0 0.0 0.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.1.1 2.2.9 2.7 2.9.9 2.8 3.1 3.0 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1	-3 -6 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	122 29 1 1 6 9 1 1 1 6 9 1 1 1 1 1 1 1 1 1 1
Pockand Micros Grussia Micros Micro M	2.237 1.320 91.374 91.3	0.2 0.8 0.0 0.0 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	1.1.1 0.7 2.9 0.7 2.9 0.7 2.9 0.7 2.9 0.7 2.9 0.7 2.8 0.7 2.8 0.7 2.8 1.0 0.7	3 6 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	122 29 1 1 6 9 1 1 1 6 9 1 1 1 6 9 1 1 1 1 1
Problems  (Marco Roussia)  (Marco Roussia)  Marco Land Asia  SEC Land Asia  155 L	2.237 1.320 91,374 91,3	0.2 0.8 0.0 0.0 0.2 0.2 0.2 0.2 0.3 0.0 0.2 0.2 0.3 0.3 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	1.1.1 2.7 2.9 2.9 2.8 2.8 3.9 3.1 3.9 3.1 3.9 3.1 3.9 3.9 3.9 3.9 3.9 3.9 3.9 3.9 3.9 3.9	-3 -6 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	122 4 4 3 3 Year 1 1 1 2 2 4 4 8 5 7 7 3 1 1 5 7 7 3 1 1 2 2 4 1 4 1 4 8 8 5 7 7 3 1 1 5 7 7 3 1 1 2 2 4 1 4 1 4 8 8 5 7 7 3 1 1 5 7 7 3 1 1 2 2 4 1 1 1 1 2 2 1 1 1 1 1 1 1 1 1





Debt markets	( 10Y <u>, %, c</u> h	anges in t	ip)		
Developed Markets US (2-yr)	1.16	Daily -4.1	-7.3 -11.4	Month -15	YTD -5
US GER (2-yr)	2.18 -0.86	-6.7 -0.2	-11.4	-32 -9	-26 -9
Germany France	0.16	-3.1 -2.4	-1.4 -4.8 -7.0	-28 -22	-12 8
Spain	1.67	-3.7 -5.6	2.6	-21 -10	16 39
Portugal	3.82	-6.7	-3.6	-75	-36
Greece Japan (2-yr)	6.79 -0.22	11.9 -1.3	6.9 0.4	-61 -4	-10 -3
Japan Emerging Markets	0.01	-1.3 -2.7 Daily	-6.5 Weekly	-6 Monthly	-6 YTD
Brazil	10.05	-4.3	2.5	-18	-136
Chile Colombia	3.91 6.57	-0.1 -5.0	-3.4 -5.4	-42 -27	-42 -52
Mexico Peru	7.12 5.79	-3.1 0.2	-10.1 -5.1	-13 -16	-51 -68
Poland Russia	3.37 8.09	-4.1 3.7	-7.6 -3.0	-37 -5	-35 -36
Turkey	10.66	8.0	-3.0	-4	-34
India Indonesia	6.86 7.06	1.7	5.4 -2.7	-17	48 -78
Country ris	k (bp, chang	es in bp)			
Developed Markets  10-yr sovereign spread vs Germany	level	Daily	Weekly	Monthly	YTD
France Italy	74 211	0.7 -2.5	-2.2 2.8	6 18	20 51
Portugal	366	-3.6	1.2	-19	4
Spain 2-yr sovereign spread vs Germany	151	-0.6	7.4	7	36
France	54	0.7	-0.5	22	44
Italy Portugal	82 127	-2.5 0.9	0.1 2.4	-82	21 -20
Spain Emerging Markets	65	-2.5	-0.5	2	17 YTD
5-yr sovereign CDS *	level	Daily	weekiy	Monthly	TID
Brazil Chile	222 78	-1 2	4 5	8	-50 -4
Colombia	135	1	5	3	-28
Mexico Peru	129 104	1 2	3 4	-3 7	-27 -4
Venezuela	3,464	-25	-113	37	-441
Poland Russia	69 167	0	-5	5	-7 -9
Turkey	231	1	-3	8	-41
China India	88 99	0	5	7	-29 -28
Indonesia Ris	137	0	7	14	-19
Volatilty indicators (%)	level	Daily	Weekly	Monthly	YTD
VIX VST OXX	15 26	4.8 9.4	2 12	36 129	4 9
EM EFT volatility Index	21	3.1	7	50	4
Dollar/euro volatility EM FX volatility index	13 9	-2.9 -1.0	3 -2	91 4	26 -17
Credit spread (BAA) (bps)	237	6.7	10	8	10
US bonds volatility index Banking 5 y CDS (typs) *	71 level	-4.7 Daily	1 Weekly	17 Monthly	-7 YTD
US	63	0.3	- 1	3	-9
EZ UK	116 81	0.2	4	13 10	-9
Large Spanish	107	0.2	4	-1 9	-10 13
Medium Spanish Corporate 5y CDS (bps) *	165 level	Daily	Weekly	Monthly	YTD
US Non-financial EZ Non-financial	153 102	0.3	1 4	3 13	-9 8
UK Non-financial	123	0.0	2	12	-2
Interbank mar	rkets (%, che level	nges in b Daily	Weekly	Monthly	YTD
EONIA Index	-0.36	0.00	0.0	0.0	0.0
Euribor 3m Euribor 12m	-0.33 -0.12	0.00	0.0	0.0	0.0
Libor 3m Libor 12m	1.16	0.00	0.0	0.0	0.2
EZ TED spread 3 m	1.77 47.2	0.00	3.4	0.0 -11.3	-19.2
p					
	k markets (				
Stoc Main indices	k markets (	Daily	Weekly	Monthly	YTD
Stoc			Weekly -0.7 -0.8	Monthly -2 -2	YTD 3 3
Stoc Main indices S&P500 Dow Jones Nikkei	level 2,337 20,480 18,419	-0.5 -0.8 -0.3	-0.8 -1.8	-2 -6	3 -6
Stoc Main indices S&P500 Dow Jones Nikket FTSE 100 EuroStoxx 50	level 2,337 20,480 18,419 7,148 3,410	Daily -0.5 -0.8 -0.3 -2.5 -1.1	-0.8 -1.8 -3.0 -1.7	-2 -6 -4 -1	3 -6 -1 3
Main indices \$4,000 Dow Jones Nikkei FTSE 100 EuroStoxx 50 IBEX	level 2,337 20,480 18,419 7,148 3,410 10,265	Daily -0.5 -0.8 -0.3 -2.5 -1.1	-0.8 -1.8 -3.0 -1.7 -1.5	-2 -6 -4 -1 0	3 -6 -1
Main indices SEP500 Dow Jones Nakele FFEE TO0 EuroStoux 50 BIBCX DAX CAC	k markets 0 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2	-2 -6 -4 -1 0 -1	3 -6 -1 3 8 4 2
Main indices S&P500 Dow Jones Nikler FTSE 100 EEUSTOURS BEX BEX MEM MEM MEM MEM MEM MEM MEM MEM MEM M	k markets 0 level 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4	-2 -6 -4 -1 0 -1 -1 -3 5	3 -6 -1 3 8 4 2 -1 3
Stoc Malin indices \$68980 Dow Jones Noke FTSE 100 EEXOSOX \$0 BEX DAX CAC MBB ASE Alteris MSG Latam*	k markets 0 level 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8	-2 -6 -4 -1 0 -1 -1 -3 5	3 -6 -1 3 8 4 2 -1 3 5
Stoc  Sairs indices	level 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1	-2 -6 -4 -1 0 -1 -1 -3 5 0 0	3 -6 -1 3 8 4 2 -1 3 5
Main indices \$587800 Dow Jones Holder Holder Dow Jones Holder MSC Harts MSC H	k markets 0 level 2,337 20,480 18,419 7,148 3,410 10,265 12,000 19,443 677 76,714 64,128 48,579 4,777 2,237	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4	-2 -6 -4 -1 0 -1 -1 -3 5 0	3 -6 -1 3 8 4 2 -1 3 5
Stoc  15.07.100.ccs	k markets 0 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 48,579 4,777 2,237 1,920	Daily -0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 -0.7 -2.9	-2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3 -6	3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15
Stoc  Brain Indices  SAPS00  Does Jones  FFSE 100  EaroStock 50  EaroStock 50  EARO MICHAEL  AND MICHAEL  BOAN MIC	level 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 4,977 76,714 48,579 4,777 2,237 1,920 91,374 760	Daily -0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3	-2 -6 -4 -1 0 -1 -1 -3 -5 0 0 0 -2 -3 -6 1 0	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9
Stock SEPSIO Down Jones Niked FFSE 100 Earostown 50 BEKX MARC ASS ARRES MASC Latan MSG	k markets 0 level 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 76,3197	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 -1.4 -0.3 -0.9 -0.8 -0.2 -1.2 -0.8 -0.0 -0.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3 -2.8	-2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3 -6 1 0 -1	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9
Machinetes 546900 Down Jones Nokel FFSE 100 Eurodison 50 BEX NS Nokel SEAS Allers MAGG Latam John Seas Seas Seas Seas Seas Seas Seas Seas	k markets © level 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 16vel	Daily -0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2 0.8 0.0 -0.8 -0.2 -0.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 -0.7 -2.9 -0.5 -0.3 -2.8 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	-2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3 -6 1 0 0 -1 2	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9
Stoc  SAPSO  Down Jones  FEET TO  EaroStock SO  EaroStock	k markets © level 2,337 20,480 18,419 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 91,374 7,000 19,430 19,400	Daily -0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2 0.8 0.0 -0.8 -0.2 -1.2 -0.8 -0.2 -1.2 -0.8 -0.2 -1.2 -0.8 -0.2 -1.2 -0.8 -0.8 -0.2 -1.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 0.7 -2.9 -0.5 -0.3 -2.8 -0.7 -0.8 -0.8 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9	-2 -6 -4 -1 0 -1 -3 5 0 0 0 -2 -3 -6 1 0 -1 2 2 Monthly -9	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9 1 6
Stoc  Sair Indices  Sair Seo  Dow Jone  The Sair Indices  Sair Seo  Dow Jone  Big Sair Seo  East	lovel 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,940 4,940 4,940 4,940 4,977 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 lovel 112.3 84.8 58.2	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 -1.4 -0.3 -0.9 -0.8 -0.2 -1.2 -0.8 -0.2 -1.2 -0.8 -0.2 -1.1 -0.8 -0.9 -0.8 -0.2 -1.1 -0.8 -0.9 -0.8 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3 -2.8 -0.7 -0.7 -0.8 -0.7 -0.8 -0.7	-2 -6 -4 -1 0 -1 -3 -5 0 0 -2 -3 -6 1 0 -1 2 Monthly -9 -6 -4	3 3 6 -1 3 8 4 2 -1 3 5 4 4 4 -5 12 -15 20 9 1 6 YTD -6 -2 -5
Stoc  16 nin Indices  56/950  16 nin Indices  56/950  18 nin Indices  18 nin I	k markets © level 2,337 2,3480 18,419 7,148 3,410 10,265 12,000 19,443 677 76,714 641,579 4,777 2,237 1,920 91,376 3,197 5,607 level 112,3 84.8	Daily -0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2 0.8 0.0 0.8 -0.2 Daily -2.4 -1.2	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 -0.7 -2.9 -0.5 -0.3 -0.7 Weekly -2.8 -1.0	-2 -6 -4 -1 0 -1 -3 -5 0 0 0 -2 -3 -6 1 0 -1 2 Mornthly -9 -6 -4 -10 -9	3 3 6 -1 3 8 4 2 -1 3 5 4 4 5 12 -15 20 9 1 6 7 7 7 7 8 9 9 1 6 9 1 1 1 1 1 1 1 1 1 1 1 1 1
Stoc  Brain Indices  SAPS00  Does Jones  FFSE 100  EaroStox 5 0  EEX DOES  AUX CAC	lovel 2,337 20,480 18,419 20,480 18,419 10,265 677 76,714 44,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 level 112,3 84,8 58,2 22,4 40,8 215,4	Daily 0.5 + 0.8 + 0.5 + 0.8 + 0.5 + 0.8 + 0.5 + 0.8 + 0.5 + 0.6 + 0.9 + 1.6 + 0.3 + 0.9 + 0.8 + 0.2 + 1.2 + 0.8 + 0.0 + 0.8 + 0.2 + 0.8 + 0.2 + 1.2 + 0.8 +	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -2.1 -1.1 -0.7 -2.9 -0.3 -2.8 -0.7 -2.8 -1.0 -1.5 -2.2 -1.8 -2.2 -1.8 -3.4	-2 -6 -4 -1 0 -1 -3 5 0 0 0 -2 -3 -6 1 0 -1 2 2 Monthity -9 -6 -4 -10	3 3 6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -1 20 9 1 6 YTD -6 -2 -5 -2
Stoc  Brain indices  SAPS00  Dow Jones  FFSE ToO  EaroSiox 50  EaroSiox 50  EaroSiox 50  EARO  AND  AND  AND  AND  AND  AND  AND  AN	lovel 2,337 20,480 18,419 20,480 18,419 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 760 3,197 5,607 level 112,8 48,599 2,24 40,8 25,24 40,8 25,25 7,3 98,2 57,3	Daily 0.5 - 0.8 - 0.9 - 0.5 - 0.8 - 0.6 - 0.9 - 0.6 - 0.9 - 1.6 - 0.7 - 0.9 - 1.6 - 0.3 - 0.9 - 0.8 - 0.2 - 1.2 - 0.8 - 0.2 - 0.8 - 0.2 - 0.8 - 0.2 - 1.4 - 1.8 - 0.4 - 1.4 - 1.8 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.7 - 1.7 - 0.5 -	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3 -2.8 -0.7 -2.9 -0.3 -2.8 -1.5 -2.2 -1.5 -2.2 -1.5 -2.3 -3.3 -3.3 -3.3 -3.3 -3.3 -3.3 -3.3	-2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3 -6 -6 1 0 -1 2 Morstly 9 -6 -4 -10 -9 -12 -6 -5 -5 -5	3 3 6 -1 3 8 4 4 2 1 3 5 4 4 4 -5 20 9 1 6 -2 -5 -2 -6 -11 -7 -7 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9
Stoc  Stocker  Stocke	lovel 2.337 (20,480 18,419 7.148 3.410 10.265 12,000 4,990 19,443 677 76,714 64,128 48,579 4.777 5,607 19,20 19,374 760 3.197 5,607 19,20 40,90 19,374 98.2 22.4 40.8 215.4 98.2 57.3 11.7	Daily -0.5 -0.8 -0.6 -0.9 -0.6 -0.9 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.4 -1.4 -1.4 -1.4 -1.4 -1.4 -1.5 -1.8 -1.6 -1.4 -1.5 -1.8 -1.6 -1.4 -1.5 -1.8 -1.6 -1.5 -1.8 -1.6 -1.8 -1.8 -1.8 -1.8 -1.8 -1.8 -1.8 -1.8	-0.8 -1.8 -1.8 -1.7 -1.5 -1.1 -1.2 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3	2	3 3 3 6 6 1 1 3 8 8 4 4 2 2 1 1 3 5 5 4 4 4 4 5 5 1 2 2 0 9 1 1 6 6 2 2 5 5 2 6 6 1 1 1 7 7 9 5 5
Stoc  SAPSO  SAP	level (2,337, 20,480 18,419 7,148 3,410 10,265 12,000 19,443 3,410 464,128 48,579 4,777 7,1320 11,374 7,1320 11,374 4,818 58.2 22.4 40.8 215.4 98.2 25.7 3 11,7 14,9 13,7	Daily 10.5 10.6 10.6 10.6 10.6 10.6 10.6 10.6 10.6	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -1.2 -2 -3.3 -0.4 -2.1 -1.7 -0.5 -0.3 -0.7 -0.5 -0.7 -0.5 -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 -0.7 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8	-2 -6 -4 -1 -1 -1 -1 -3 -3 -5 0 0 0 -2 -3 -3 -6 -6 -1 1 2 Monthly -9 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 46 41 3 8 4 4 2 4 1 3 5 5 4 4 4 4 5 5 12 20 9 1 1 6 6 2 5 5 2 6 6 11 7 7 9 5 9 2 2
Stoc  Brain Indices  SAPS00  Down Jones  FFSE 100  EaroStock 50  EaroSto	k mn/kts to level level level 2-337 20.480 18.419 20.480 18.419 10.265 12.000 19.443 3.410 10.265 12.000 19.443 3.410 19.45 12.000 19.443 19.20 19.444 18.519 20.319 19.443 19.20 19.444 18.519 20.51 19.20 19.444 19.55	Daily -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -1.2 -1.3 -0.4 -0.8 -0.4 -2.1 -1.1 -0.7 -2.9 -0.3 -2.8 -0.7 -2.9 -1.5 -0.3 -2.8 -0.7 -2.9 -1.1 -1.1 -1.1 -1.1 -1.1 -1.1 -1.1 -1	-2 -6 -4 -1 -1 -1 -3 -5 -0 -0 -2 -3 -6 -1 1 -2 2 Monthly 9 -6 -4 -4 -10 -9 -12 -5 -5 -7 -7	3 3 46 -1 1 3 8 4 4 2 -1 1 3 5 5 4 4 4 5 5 12 20 9 1 6 7 10 6 -2 2 -5 -2 -6 -1 1 -7 -9 5 -9 -2 -6 6 -1 1 -7 -9 5 -9 -9 -2 -6 6 -1 1 -7 -9 5 -9 -9 -2 -6 6 -1 1 -7 -9 5 -9 -9 -2 -6 6 -1 1 -7 -9 5 -9 -9 -2 -6 6 -1 1 -7 -9 5 -9 -9 -2 -6 6 -1 1 -7 -9 5 -9 -9 -2 -6 6 -1 1 -7 -9 5 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9
Stoc  Marianization State 500 Down Jones Nikke TISE 100 Exarositous 50 BEX DAN MISS BEX DAN MISS BEX DAN MISS BEX MISS B	k markets 0 level 2.337 20.480 7.148	Daily 1.6 1.4 1.7 1.8 1.5 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	-0.8	2 6 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 4 6 11 3 8 8 4 2 11 3 5 5 4 4 5 5 20 9 1 6 6 2 2 5 2 6 6 11 7 9 9 2 2 6 6 11 8 8
Stoc  18-in-in-dices  18-dis-in-dices  1	k minkets 05 level 2,337 20,480 20,480 10,265 4,990 11,200 4,990 4,990 4,990 4,990 4,990 4,990 4,990 4,990 4,990 4,990 4,990 11,200 4,990 4,990 4,990 4,990 11,100	Daily 0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.6	- 0.8	2 6 4 1 1 0 0 1 1 1 3 5 0 0 0 0 2 3 6 6 1 0 0 1 1 2 2 0 1 1 1 0 0 0 1 1 2 1 1 1 1	3 3 6 1 3 8 8 4 2 1 1 3 5 5 4 4 4 4 5 5 1 2 2 0 9 9 1 6 6 7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
Maria Indicas SAR-PSO Down James Naked TIPSE 100 Eurosibus 50 BBX Eurosibus 50 BBX EX	k markets of level level 2,337 20,480 4990 4990 4990 4990 4990 4990 4990 4	Daily 0.5 0.8 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	0.8 3.0 1.7 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.5	2 6 4 1 1 0 1 1 3 5 0 0 0 0 2 3 6 1 0 0 1 2 2 Monthly 9 6 4 1 10 9 1 12 6 5 5 7 7 5 4 9 12 8 5 8	3
Stock  Sacination Cos  Sacinat	k markets of level [198]	Daily 0.5 0.8 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	0.8 3.0 1.7 1.5 1.1 1.5 1.5 1.1 1.5 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.1	2 6 4 1 1 0 1 1 3 5 0 0 0 0 2 3 6 1 1 0 1 1 2 2 Monthly 9 6 4 1 10 6 5 5 5 7 7 5 4 9 1 2 8 8 5 8 1 10 10 10	3
Stoc  Stocker  Stocke	k markets of level [198]	Daily 0.5 0.8 0.8 0.3 0.3 0.3 0.5 0.5 0.9 0.9 0.9 0.8 0.9 0.9 0.8 0.2 0.9 0.9 0.8 0.2 0.9 0.9 0.8 0.6 0.9 0.9 0.8 0.6 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.8 3.0 1.8 3.0 1.7 1.5 1.1 1.5 1.5	2 6 4 1 1 1 1 3 3 5 0 0 0 2 3 6 1 1 0 4 4 1 1 1 2 5 5 7 7 5 4 4 8 5 8 1 10 4 3 3 1 10 1 10 1 10 1 10 1 10 1 1	3
Marchitectus  546/900  Down Jones  Nikele  FFSE 100  Eurodisous 50  BEX  ASE Alberts  MSG Latter  MSG	k markets of level   l	Daily -0.5 -0.8 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2	0.8 3.0 1.8 3.0 1.7 1.5 1.7 1.5 1.1 1.2 2.3 3.3 1.2 1.1 1.1 1.2 1.2 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	2 6 4 1 1 0 1 1 1 3 5 0 0 0 2 3 6 6 1 1 0 0 1 1 2 2 Monthly 9 6 4 1 1 0 5 5 5 7 7 5 4 9 1 1 2 8 8 8 1 1 0 1 1 4 3 3 4 4	3 3 6 6 1 1 3 8 4 4 2 1 1 3 5 5 4 4 4 5 5 112 5 20 9 1 1 6 6 2 2 5 2 6 6 111 7 7 9 5 5 9 2 2 6 6 111 8 7 7 7 4 4 12 4 6 6 7 7 5
Stock  St	k markets of level [198]	Daily 0.5 0.8 0.3 0.3 0.3 0.5 0.6 0.9 0.6 0.9 0.0 0.8 0.2 0.4 0.9 0.0 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.0 0.0 0.8 0.8 0.2 0.8 0.2 0.8 0.0 0.0 0.8 0.8 0.2 0.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.8 3.0 1.8 3.0 1.7 1.5 1.7 1.5 1.1 1.2 2.2 1.3 1.3 1.2 2.2 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	2 6 4 1 0 1 1 1 3 3 5 0 0 0 0 2 2 3 6 6 1 0 1 2 2 Moortly 9 6 4 1 10 9 1 2 2 8 8 1 1 2 2 8 8 1 1 2 2 8 8 1 1 2 3 4 4 5 5 5	3 3 6 1 3 8 4 4 2 -1 1 3 5 4 4 4 5 5 12 20 9 1 6 6 2 5 5 2 6 6 11 1 8 7 7 9 9 2 4 6 6 7 7 7 9 1 1 8 6 7 7 7 4 1 1 2 4 4 6 6 7 7 5 5 4 1 1 1 3 1 3
Main indices  SAPS00  SAPS00  SAPS00  SAPS00  Earosticus So  BEX  BEX  Look  BEX  Look  BEX  Look  BEX  BEX  BEX  BEX  BEX  BEX  BEX  BE	k markets of Pevel	Daily 0.5 0.8 0.3 0.3 0.9 1.4 0.5 0.5 0.8 0.2 1.2 1.4 1.4 1.4 1.7 1.8 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	0.8 3.0 1.8 3.0 1.7 1.5 1.7 1.5 1.1 1.2 2.8 1.2 2.3 1.2 2.3 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 3.3	2 6 4 1 0 1 1 1 3 5 5 0 0 0 2 3 6 6 1 0 7 1 1 2 2 6 6 4 4 9 1 1 2 6 5 5 7 7 5 4 9 1 1 2 8 8 8 1 1 0 4 3 3 4 5 5	3
Maria Indicas Sacraticas Sacratic	k marketa të hevel  2.4373 20.480 20.480 20.480 3.410 10.265 112.000 119.443 3.410 10.265 112.000 119.443 3.410 119.443 3.410 119.443 3.410 119.443 117.748 118.74	Daily 0.5 0.8 0.3 0.3 0.3 0.9 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.8 3.0 1.8 3.0 1.7 1.5 1.7 1.5 1.1 1.2 2.8 2.8 2.7 1.5 2.2 3.5 2.6 4.6 3.3 3.2 2.3 3.2 2.3 3.2 2.1 2.4 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4	2 6 4 1 0 1 1 1 3 5 0 0 0 0 2 3 3 6 1 1 1 2 2 1 2 4 9 6 4 4 1 1 2 2 1 2 4 8 5 5 4 4 9 9 1 1 2 2 8 8 5 8 8 1 1 0 1 4 3 3 4 4 5 5 5 3 3 1 5 3 3	3 3 6 1 3 8 4 4 2 1 1 3 5 1 4 4 4 5 5 1 2 2 0 9 1 1 6 2 2 5 2 6 6 1 1 7 7 7 7 4 4 1 2 4 6 6 7 7 5 5 4 1 1 3 3 4 1 6 6 4 1 6 6 6 6 6 6 6 6 6 6 6 6 6 6
Maria Indicas Sacraticas Sacratic	k makta te kender kende	Daily 0.5 0.8 0.3 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.8 3.0 1.1 1.1 1.1 1.2 1.2 1.1 1.1 1.2 1.2 1.1 1.1	2 6 4 1 0 1 1 3 3 5 0 0 0 0 2 2 3 6 6 1 0 1 2 Monthly 9 6 4 1 10 9 1 2 8 8 1 1 2 8 8 1 1 2 5 5 5 7 7 5 5 4 9 1 2 5 5 5 7 7 5 5 4 9 1 2 5 5 5 7 7 5 5 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 6 1 3 3 8 4 4 2 1 1 3 3 5 4 4 4 5 5 12 20 9 1 6 6 2 2 6 6 11 1 8 7 7 4 1 2 4 6 6 7 7 5 5 4 13 344 16
Marinination  Ma	k marketa (c. level)	Daily -0.5 -0.8 -0.8 -0.2 -0.5 -0.6 -0.9 -0.8 -0.6 -0.9 -0.8 -0.6 -0.9 -0.8 -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 -0.6 -0.7 -0.7 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6	0.8 3.0 1.1.7 1.5 1.1.1 1.2.2 1.3.3 0.4 1.5 1.1.1 1.1.1 1.2.2 1.2.1 1.1.	2 6 4 1 0 1 1 1 3 5 0 0 0 0 2 3 6 1 1 0 1 1 2 2 1 2 6 4 4 1 1 2 2 6 5 5 7 7 5 4 9 1 1 2 8 5 5 8 1 1 0 1 1 2 8 5 5 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 6 1 3 8 4 4 2 1 1 3 5 5 1 2 0 9 1 1 6 6 7 7 4 4 1 2 4 6 6 7 7 5 4 4 1 3 3 4 1 3 3 4 1 1 6 6 4 2 2 Year
Stock  Stor 200	k maketa to kewel	0.8 0.8 0.8 0.8 0.8 0.9 0.9 0.0 0.1 1.6 0.6 0.1 0.6 0.6 0.1 0.7 v depression 0.7 v depressi	0.8 3.0 1.1.7 1.5.5 1.1.1 1.2.2 1.3.3 1.3.3 1.2.1 1.5.	2 6 4 1 1 0 1 1 1 1 3 5 0 0 0 0 0 2 2 3 3 6 6 1 1 0 0 1 1 2 2 1 1 2 6 4 1 1 1 0 9 9 1 1 2 1 2 6 4 1 1 0 1 1 1 2 1 1 2 6 5 5 5 7 7 5 5 4 9 1 1 1 0 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1	3 3 6 1 3 8 4 4 2 2 1 1 3 3 8 5 1 2 2 0 9 1 1 6 6 7 1 7 9 9 2 2 6 6 1 1 1 7 7 4 1 2 4 6 6 7 7 5 4 1 3 3 3 4 4 6 2 2 4 4 7 2 2 4 4 6 7 7 5 5 4 1 1 3 3 4 4 6 7 7 5 5 4 1 1 3 3 4 4 6 7 7 5 5 4 7 7 7 7 8 7 8 7 8 7 7 7 8 7 8 7 8 7 7 7 8 7 8 7 8 7 7 7 8 7 8 7 8 7 8 7 7 7 8 7 8 7 8 7 7 7 8 7
Maria incirca se   548-550  Down Jones  100 Jan	k mukete to level 2   1   2   2   2   2   2   2   2   2	Daily 0.5 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.8 0.0 0.9 0.9 0.9 0.9 0.8 0.0 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.88 3.00 1.18 3.00 1.17 1.15 1.17 1.15 1.17 1.15 1.17 1.17	2	3 3 6 6 1 3 8 8 4 2 2 1 3 3 5 5 1 2 5 5 2 6 6 6 1 1 1 7 7 7 9 9 2 2 6 6 6 1 1 1 8 7 7 7 7 4 4 6 6 7 7 5 5 4 1 1 3 3 4 4 1 6 6 7 7 5 5 4 4 1 1 3 3 4 4 2 2 4 8 8
Marinimical sea   Sade 500   Deve John Share   Marinimical sea   Sade 500   Deve John Share   Marinimical sea   Marinimi	k muktos to loved 1. 1	0.hy 0.5 0.hy 0.5 0.hy 0.5 0.hy 0.5 0.hy 0.5 0.h	0.88 3.00 1.18 3.00 1.17 1.15 1.17 1.15 1.11 1.12 1.13 1.33 1.34 1.07 1.15 1.03 1.28 1.00 1.15 1.15 1.28 1.00 1.15 1.15 1.28 1.00 1.15 1.16 1.16 1.17 1.18 1.18 1.18 1.18 1.18 1.18 1.18	-2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 4 4 5 2 1 1 3 3 8 8 4 4 5 2 1 1 3 3 8 8 4 4 5 1 2 1 1 5 1 2 1 1 5 1 2 1 1 5 1 2 1 1 1 1
Maria Indicate  Selection  Maria Indicate  Selection  Maria Indicate  Maria In	k mutet)	Daily 0.5   0.5   0.5   0.5   0.6   0.7   0.9   1.6   0.9   1.6   0.9   1.7   0.9   1.7   0.9   1.8   0.0   0.8   0.2   0.8   0.2   0.8   0.2   0.8   0.2   0.8   0.2   0.8   0.1   1.4   1.4   1.4   1.5   1.1	0.8 d. 3.0 d. 4.1.1 d. 7.1.5 d	2 - 2 - 6 - 4 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	3 3 4 4 4 5 12 15 16 16 17 17 17 17 17 17 17 17 17 17 17 17 17
Maria Indicas  444-950  Down Jones  Address  Add	k muket?	0.15 0.15 0.15 0.15 0.15 0.15 0.16 0.17 0.17 0.19 0.18 0.17 0.19 0.18 0.19 0.19 0.19 0.19 0.19 0.19 0.19 0.19	0.8 1.8 3.0 1.17 1.17 1.17 1.17 1.17 1.17 1.17 1.	2	3 3 4 4 4 5 12 15 16 16 17 17 17 17 17 17 17 17 17 17 17 17 17
MSCI Design of the Control of the Co	k muketa to lovel 1	0.19 0.5 0.6 0.1 0.6 0.1 0.6 0.1 0.6 0.1 0.6 0.1 0.6 0.1 0.6 0.1 0.5 0.1 0.6 0.1 0.5 0.1 0.1 0.5 0.1 0.1 0.5 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.8 3.0 1.1.1 1.1.	2 - 2 - 6 - 4 - 1 - 1 - 1 - 1 - 1 - 3 - 3 - 5 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	3 3 4 4 5 12 15 5 4 4 5 12 10 6 6 7 7 9 5 5 4 13 3 3 4 6 6 7 7 5 4 13 3 3 4 6 6 7 7 5 4 13 3 4 6 7 7 5 4 13 3 4 6 7 7 5 4 13 3 4 6 7 7 5 4 13 3 4 6 7 7 5 5 4 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7
MAST LINE CONTROL OF THE CONTROL OF	k mutet2   100   1	0.10	0.8 d. 3.0 d. 4.1.7 d. 5.1.7 d	2	3 3 4 4 2 1 3 5 1 1 2 2 1 1 5 5 1 1 2 2 2 2 4 1 1 3 1 3 1 4 1 1 4 1 1 1 1 1 1 1 1 1
Stock  St	k muketa to lovel 1	0.15 0.15 0.15 0.15 0.15 0.15 0.10 0.10	0.8	2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 4 4 2 1 3 5 4 4 4 5 5 2 6 6 111 7 7 7 4 12 4 6 6 7 7 7 5 4 13 3 3 4 16 4 2 2 4 8 3 3 3 4 4 2 2 4 8 8 3 3 4 4 4 8 8
Stock  SAS-590  Down Jones  SAS-590  Down Jones  SAS-590  Down Jones  SAS-590  Barry Jones  Barry Jones  SAS-590  Barry Jones  Barry Jones  SAS-690  BAS ASS ASS ASS ASS ASS ASS ASS ASS ASS	k mukto to love to lov	0.15	0.8	2	3 3 4 4 2 1 3 5 4 4 4 5 5 7 7 7 7 4 4 6 6 7 7 7 7 4 4 6 6 4 2 2 2 4 8 3 3 4 4 1 1 4 6 8 5 7 7 8 4 8 8 5 7 7 8 9 8 9 8 9 8 9 8 9 9 9 9 9 9 9 9 9
Maria Maria  Sate 500  Down James  Nation  This E 100  Eurositous 50  BEX  Eurositous 50  BEX  ASS Atheris  MAGI Latama  M	k unktež 2 2017 2017 2017 2017 2017 2017 2017 201	0.19 0.10 0.10 0.10 0.10 0.10 0.10 0.10	0.8	2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 4 4 5 4 4 5 4 4 5 5 4 4 4 5 5 5 4 4 5 7 7 7 4 4 6 6 7 7 7 7 4 4 6 6 7 7 7 7 4 4 6 6 7 7 7 7
Stock  Marithmicros  Sada-500  Dover Jonne  Note of the control of	k muketa to lover 1	0.19 0.19 0.19 0.19 0.19 0.19 0.19 0.19	-0.8   -0	2	3 3 4 4 5 5 7 7 7 7 7 7 7 4 4 4 6 7 7 5 4 4 3 3 4 4 4 8 8 5 5 7 3 3 4 4 4 8 8 5 5 7 7 3 3 3 4 4 4 8 8 5 5 7 7 3 3 3 4 4 5 5 5 7 3 3 3 4 5 5 7 7 3 3 3 4 5 5 7 7 3 3 3 4 5 5 7 7 3 3 3 4 5 5 7 7 3 3 3 4 5 5 7 7 3 3 3 5 5 7 7 3 3 3 5 7 7 7 7 7
MSCI Design of the Control of the Co	k muktot to level 2.	0.15 0.08 0.3 0.25 0.8 0.8 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.8 3.30.3 1.8 3.30.3 1.9 3.1 1.5 5.1	2 6 4 1 1 1 3 5 5 0 0 0 2 3 6 6 1 1 2 2 7 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 4 4 2 1 3 5 4 4 4 5 5 7 7 7 4 4 6 6 7 7 7 7 4 4 8 3 3 4 4 1 4 8 3 3 4 4 1 4 8 3 4 4 1 4 8 3 4 4 1 4 8 3 4 4 1 4 8
MSCI Design of the Control of the Co	k mutet)    100	0.10 0.5 0.5 0.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-0.8   -0	2	3
Stock  St	k mukto to keep to kee	0.10 0.5 0.5 0.6 0.6 0.1 0.7 0.5 0.6 0.6 0.1 0.7 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-0.8   -0	2	3
James Stock  James	k maketa to lower	0.10 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0-8	2	3   6   6   7   7   7   7   7   7   7   7
Maria Indicate  Add-1900	k muketi C    Institute	0.10 0.5 0.5 0.8 0.6 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	-0.8	2	3   3   6   6   7   7   7   7   7   7   7   7
Stock  St	k maketa to leave to the control of	Doubly   Color   Col	-0.8   -0	2	3   3   6   6   7   7   7   7   7   7   7   7
Social Services  SAS-PSD  Down Jones  SAS-PSD  Down Jones  Nikole  TESE 100  Eurositous 50  BEX  SAS AMERIS  SAS A	k market 2 2-237 2	0.19 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0-88 330 330 330 330 330 330 330 330 330 3	2 6 4 1 1 1 3 5 5 1 1 2 Monthly 0-4 1 1 5 5 5 1 3 0 3 3 0 3 3 0 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	3   3   4   4   5   7   7   7   7   7   7   7   7   7





Debt markets	( 10Y <u>, %, c</u> h	anges in t	ip)		
Developed Markets US (2-yr)	1.16	Daily -4.1	-7.3 -11.4	Month -15	YTD -5
US GER (2-yr)	2.18 -0.86	-6.7 -0.2	-11.4	-32 -9	-26 -9
Germany France	0.16	-3.1 -2.4	-1.4 -4.8 -7.0	-28 -22	-12 8
Spain	1.67	-3.7 -5.6	2.6	-21 -10	16 39
Portugal	3.82	-6.7	-3.6	-75	-36
Greece Japan (2-yr)	6.79 -0.22	11.9 -1.3	6.9 0.4	-61 -4	-10 -3
Japan Emerging Markets	0.01	-1.3 -2.7 Daily	-6.5 Weekly	-6 Monthly	-6 YTD
Brazil	10.05	-4.3	2.5	-18	-136
Chile Colombia	3.91 6.57	-0.1 -5.0	-3.4 -5.4	-42 -27	-42 -52
Mexico Peru	7.12 5.79	-3.1 0.2	-10.1 -5.1	-13 -16	-51 -68
Poland Russia	3.37 8.09	-4.1 3.7	-7.6 -3.0	-37 -5	-35 -36
Turkey	10.66	8.0	-3.0	-4	-34
India Indonesia	6.86 7.06	1.7	5.4 -2.7	-17	48 -78
Country ris	k (bp, chang	es in bp)			
Developed Markets  10-yr sovereign spread vs Germany	level	Daily	Weekly	Monthly	YTD
France Italy	74 211	0.7 -2.5	-2.2 2.8	6 18	20 51
Portugal	366	-3.6	1.2	-19	4
Spain 2-yr sovereign spread vs Germany	151	-0.6	7.4	7	36
France	54	0.7	-0.5	22	44
Italy Portugal	82 127	-2.5 0.9	0.1 2.4	-82	21 -20
Spain Emerging Markets	65	-2.5	-0.5	2	17 YTD
5-yr sovereign CDS *	level	Daily	weekiy	Monthly	TID
Brazil Chile	222 78	-1 2	4 5	8	-50 -4
Colombia	135	1	5	3	-28
Mexico Peru	129 104	1 2	3 4	-3 7	-27 -4
Venezuela	3,464	-25	-113	37	-441
Poland Russia	69 167	0	-5	5	-7 -9
Turkey	231	1	-3	8	-41
China India	88 99	0	5	7	-29 -28
Indonesia Ris	137	0	7	14	-19
Volatilty indicators (%)	level	Daily	Weekly	Monthly	YTD
VIX VST OXX	15 26	4.8 9.4	2 12	36 129	4 9
EM EFT volatility Index	21	3.1	7	50	4
Dollar/euro volatility EM FX volatility index	13 9	-2.9 -1.0	3 -2	91 4	26 -17
Credit spread (BAA) (bps)	237	6.7	10	8	10
US bonds volatility index Banking 5 y CDS (typs) *	71 level	-4.7 Daily	1 Weekly	17 Monthly	-7 YTD
US	63	0.3	- 1	3	-9
EZ UK	116 81	0.2	4	13 10	-9
Large Spanish	107	0.2	4	-1 9	-10 13
Medium Spanish Corporate 5y CDS (bps) *	165 level	Daily	Weekly	Monthly	YTD
US Non-financial EZ Non-financial	153 102	0.3	1 4	3 13	-9 8
UK Non-financial	123	0.0	2	12	-2
Interbank mar	rkets (%, che level	nges in b Daily	Weekly	Monthly	YTD
EONIA Index	-0.36	0.00	0.0	0.0	0.0
Euribor 3m Euribor 12m	-0.33 -0.12	0.00	0.0	0.0	0.0
Libor 3m Libor 12m	1.16	0.00	0.0	0.0	0.2
EZ TED spread 3 m	1.77 47.2	0.00	3.4	0.0 -11.3	-19.2
p					
	k markets (				
Stoc Main indices	k markets (	Daily	Weekly	Monthly	YTD
Stoc			Weekly -0.7 -0.8	Monthly -2 -2	YTD 3 3
Stoc Main indices S&P500 Dow Jones Nikkei	level 2,337 20,480 18,419	-0.5 -0.8 -0.3	-0.8 -1.8	-2 -6	3 -6
Stoc Main indices S&P500 Dow Jones Nikket FTSE 100 EuroStoxx 50	level 2,337 20,480 18,419 7,148 3,410	Daily -0.5 -0.8 -0.3 -2.5 -1.1	-0.8 -1.8 -3.0 -1.7	-2 -6 -4 -1	3 -6 -1 3
Main indices \$4,000 Dow Jones Nikkei FTSE 100 EuroStoxx 50 IBEX	level 2,337 20,480 18,419 7,148 3,410 10,265	Daily -0.5 -0.8 -0.3 -2.5 -1.1	-0.8 -1.8 -3.0 -1.7 -1.5	-2 -6 -4 -1 0	3 -6 -1
Main indices SEP500 Dow Jones Nakele FFEE TO0 EuroStoux 50 BIBCX DAX CAC	k markets 0 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2	-2 -6 -4 -1 0 -1	3 -6 -1 3 8 4 2
Main indices S&P500 Dow Jones Nikler FTSE 100 EEUSTOURS BEX BEX MEM MEM MEM MEM MEM MEM MEM MEM MEM M	k markets 0 level 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4	-2 -6 -4 -1 0 -1 -1 -3 5	3 -6 -1 3 8 4 2 -1 3
Stoc Malin indices \$68980 Dow Jones Noke FTSE 100 EEXOSOX \$0 BEX DAX CAC MBB ASE Alteris MSG Latam*	k markets 0 level 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8	-2 -6 -4 -1 0 -1 -1 -3 5	3 -6 -1 3 8 4 2 -1 3 5
Stoc  Sairs indices	level 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1	-2 -6 -4 -1 0 -1 -1 -3 5 0 0	3 -6 -1 3 8 4 2 -1 3 5
Main indices \$587800 Dow Jones Holder Holder Dow Jones Holder MSC Harts MSC H	k markets 0 level 2,337 20,480 18,419 7,148 3,410 10,265 12,000 19,443 677 76,714 64,128 48,579 4,777 2,237	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4	-2 -6 -4 -1 0 -1 -1 -3 5 0	3 -6 -1 3 8 4 2 -1 3 5
Stoc  15.07.100.ccs	k markets 0 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 48,579 4,777 2,237 1,920	Daily -0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 -0.7 -2.9	-2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3 -6	3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15
Stoc  Brain Indices  SAPS00  Does Jones  FFSE 100  EaroStock 50  EaroStock 50  EARO MICHAEL  AND MICHAEL  BOAN MIC	level 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 4,977 76,714 48,579 4,777 2,237 1,920 91,374 760	Daily -0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3	-2 -6 -4 -1 0 -1 -1 -3 -5 0 0 0 -2 -3 -6 1 0	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9
Stock SEPSIO Down Jones Niked FFSE 100 Earostown 50 BEKX MARC ASS ARRES MASC Latan MSG	k markets 0 level 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 76,3197	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 -1.4 -0.3 -0.9 -0.8 -0.2 -1.2 -0.8 -0.0 -0.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3 -2.8	-2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3 -6 1 0 -1	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9
Machinetes 546900 Down Jones Nokel FFSE 100 Eurodison 50 BEX NS Nokel SEAS Allers MAGG Latam John Seas Seas Seas Seas Seas Seas Seas Seas	k markets © level 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 16vel	Daily -0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2 0.8 0.0 -0.8 -0.2 -0.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 -0.7 -2.9 -0.5 -0.3 -2.8 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	-2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3 -6 1 0 0 -1 2	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9
Stoc  SAPSO  Down Jones  FEET TO  EaroStock SO  EaroStock	k markets © level 2,337 20,480 18,419 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 91,374 7,000 19,430 19,400	Daily -0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2 0.8 0.0 -0.8 -0.2 -1.2 -0.8 -0.2 -1.2 -0.8 -0.2 -1.2 -0.8 -0.2 -1.2 -0.8 -0.8 -0.2 -1.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 0.7 -2.9 -0.5 -0.3 -2.8 -0.7 -0.8 -0.8 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9	-2 -6 -4 -1 0 -1 -3 5 0 0 0 -2 -3 -6 1 0 -1 2 2 Monthly -9	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9 1 6
Stoc  Sair Indices  Sair Seo  Dow Jone  The Sair Indices  Sair Seo  Dow Jone  Big Sair Seo  East	lovel 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,940 4,940 4,940 4,940 4,977 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 lovel 112.3 84.8 58.2	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 -1.4 -0.3 -0.9 -0.8 -0.2 -1.2 -0.8 -0.2 -1.2 -0.8 -0.2 -1.1 -0.8 -0.9 -0.8 -0.2 -1.1 -0.8 -0.9 -0.8 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3 -2.8 -0.7 -0.7 -0.8 -0.7 -0.8 -0.7	-2 -6 -4 -1 0 -1 -3 -5 0 0 -2 -3 -6 1 0 -1 2 Monthly -9 -6 -4	3 3 6 -1 3 8 4 2 -1 3 5 4 4 4 -5 12 -15 20 9 1 6 YTD -6 -2 -5
Stoc  16 nin Indices  56/950  16 nin Indices  56/950  18 nin Indices  18 nin I	k markets © level 2,337 2,3480 18,419 7,148 3,410 10,265 12,000 19,443 677 76,714 641,579 4,777 2,237 1,920 91,376 3,197 5,607 level 112,3 84.8	Daily -0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2 0.8 0.0 0.8 -0.2 Daily -2.4 -1.2	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 -0.7 -2.9 -0.5 -0.3 -0.7 Weekly -2.8 -1.0	-2 -6 -4 -1 0 -1 -3 -5 0 0 0 -2 -3 -6 1 0 -1 2 Mornthly -9 -6 -4 -10 -9	3 3 6 -1 3 8 4 2 -1 3 5 4 4 5 12 -15 20 9 1 6 7 7 7 7 8 9 9 1 6 9 1 1 1 1 1 1 1 1 1 1 1 1 1
Stoc  Brain Indices  SAPS00  Does Jones  FFSE 100  EaroStox 5 0  EEX DOES  AUX CAC	lovel 2,337 20,480 18,419 20,480 18,419 10,265 677 76,714 44,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 level 112,3 84,8 58,2 22,4 40,8 215,4	Daily 0.5 + 0.8 + 0.5 + 0.8 + 0.5 + 0.8 + 0.5 + 0.8 + 0.5 + 0.6 + 0.9 + 1.6 + 0.3 + 0.9 + 0.8 + 0.2 + 1.2 + 0.8 + 0.0 + 0.8 + 0.2 + 0.8 + 0.2 + 1.2 + 0.8 +	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -2.1 -1.1 -0.7 -2.9 -0.3 -2.8 -0.7 -2.8 -1.0 -1.5 -2.2 -1.8 -2.2 -1.8 -3.4	-2 -6 -4 -1 0 -1 -3 5 0 0 0 -2 -3 -6 1 0 -1 2 2 Monthity -9 -6 -4 -10	3 3 6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -1 20 9 1 6 YTD -6 -2 -5 -2
Stoc  Brain indices  SAPS00  Dow Jones  FFSE ToO  EaroSiox 50  EaroSiox 50  EaroSiox 50  EARO  AND  AND  AND  AND  AND  AND  AND  AN	lovel 2,337 20,480 18,419 20,480 18,419 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 760 3,197 5,607 level 112,8 48,599 2,24 40,8 25,24 40,8 25,25 7,3 98,2 57,3	Daily 0.5 - 0.8 - 0.9 - 0.5 - 0.8 - 0.6 - 0.9 - 0.6 - 0.9 - 1.6 - 0.7 - 0.9 - 1.6 - 0.3 - 0.9 - 0.8 - 0.2 - 1.2 - 0.8 - 0.2 - 0.8 - 0.2 - 0.8 - 0.2 - 1.4 - 1.8 - 0.4 - 1.4 - 1.8 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.7 - 1.7 - 0.5 -	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3 -2.8 -0.7 -2.9 -0.3 -2.8 -1.5 -2.2 -1.5 -2.2 -1.5 -2.3 -3.3 -3.3 -3.3 -3.3 -3.3 -3.3 -3.3	-2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3 -6 -6 1 0 -1 2 Morstly 9 -6 -4 -10 -9 -12 -6 -5 -5 -5	3 3 6 -1 3 8 4 4 2 1 3 5 4 4 4 -5 20 9 1 6 -2 -5 -2 -6 -11 -7 -7 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9
Stoc  Stocker  Stocke	lovel 2.337 (20,480 18,419 7.148 3.410 10.265 12,000 4,990 19,443 677 76,714 64,128 48,579 4.777 5,607 19,20 19,374 760 3.197 5,607 19,20 40,90 19,374 98.2 22.4 40.8 215.4 98.2 57.3 11.7	Daily -0.5 -0.8 -0.6 -0.9 -0.6 -0.9 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.4 -1.4 -1.4 -1.4 -1.4 -1.4 -1.5 -1.8 -1.6 -1.4 -1.5 -1.8 -1.6 -1.4 -1.5 -1.8 -1.6 -1.5 -1.8 -1.6 -1.8 -1.8 -1.8 -1.8 -1.8 -1.8 -1.8 -1.8	-0.8 -1.8 -1.8 -1.7 -1.5 -1.1 -1.2 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3	2	3 3 3 6 6 1 1 3 8 8 4 4 2 2 1 1 3 5 5 4 4 4 4 5 5 1 2 2 0 9 1 1 6 6 2 2 5 5 2 6 6 1 1 1 7 7 9 5 5
Stoc  SAPSO  SAP	level (2,337, 20,480 18,419 7,148 3,410 10,265 12,000 19,443 3,410 464,128 48,579 4,777 7,1320 11,374 7,1320 11,374 4,818 58.2 22.4 40.8 215.4 98.2 25.7 3 11,7 14,9 13,7	Daily 10.5 1.1 1.1 1.8 1.5 1.1 1.1 1.1 1.1 1.5 1.5 1.5 1.1 1.1	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -1.2 -2 -3.3 -0.4 -2.1 -1.7 -0.5 -0.3 -0.7 -0.5 -0.7 -0.5 -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 -0.7 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8	-2 -6 -4 -1 -1 -1 -1 -3 -3 -5 0 0 0 -2 -3 -3 -6 -6 -1 1 2 Monthly -9 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 46 41 3 8 4 4 2 4 1 3 5 5 4 4 4 4 5 5 12 20 9 1 1 6 6 2 5 5 2 6 6 11 7 7 9 5 9 2 2
Stoc  Brain Indices  SAPS00  Down Jones  FFSE 100  EaroStock 50  EaroSto	k mn/kts to level level level 2-337 20.480 18.419 20.480 18.419 10.265 12.000 19.443 3.410 10.265 12.000 19.443 3.410 19.45 12.000 19.443 19.20 19.444 18.519 20.319 19.443 19.20 19.444 18.519 20.51 19.20 19.444 19.55	Daily -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -1.2 -1.3 -0.4 -0.8 -0.4 -2.1 -1.1 -0.7 -2.9 -0.3 -2.8 -0.7 -2.9 -1.5 -0.3 -2.8 -0.7 -1.1 -1.1 -1.1 -1.1 -1.1 -1.1 -1.1 -1	-2 -6 -4 -1 -1 -1 -3 -5 -0 -0 -2 -3 -6 -1 1 -2 2 Monthly 9 -6 -4 -4 -10 -9 -12 -5 -5 -7 -7	3 3 46 -1 1 3 8 4 4 2 -1 1 3 5 5 4 4 4 5 5 12 20 9 1 6 7 10 6 -2 2 -5 -2 -6 -1 1 -7 -9 5 -9 -2 -6 6 -1 1 -7 -9 5 -9 -9 -2 -6 6 -1 1 -7 -9 5 -9 -9 -2 -6 6 -1 1 -7 -9 5 -9 -9 -2 -6 6 -1 1 -7 -9 5 -9 -9 -2 -6 6 -1 1 -7 -9 5 -9 -9 -2 -6 6 -1 1 -7 -9 5 -9 -9 -2 -6 6 -1 1 -7 -9 5 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9
Stoc  Marianization State 500 Down Jones Nikke TISE 100 Exarositous 50 BEX DAN MISS BEX DAN MISS BEX DAN MISS BEX MISS B	k markets 0 level 2.337 20.480 7.148	Daily 1.6 1.4 1.7 1.8 1.5 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	-0.8	2 6 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 4 6 11 3 8 8 4 2 11 3 5 5 4 4 5 5 20 9 1 6 6 2 2 5 2 6 6 11 7 9 9 2 2 6 6 11 8 8
Stoc  18-in-in-dices  18-dis-in-dices  1	k minkets 05 level 2,337 20,480 20,480 10,265 4,990 11,200 4,990 4,990 4,990 4,990 4,990 4,990 4,990 4,990 4,990 4,990 4,990 11,200 4,990 4,990 4,990 4,990 11,100	Daily 0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.6	- 0.8	2 6 4 1 1 0 0 1 1 1 3 5 0 0 0 0 2 3 6 6 1 0 0 1 1 2 2 0 1 1 1 0 0 0 1 1 2 1 1 1 1	3 3 6 1 3 8 8 4 2 1 1 3 5 5 4 4 4 4 5 5 1 2 2 0 9 9 1 6 6 7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
Maria Indicas SAR-PSO Down James Naked TIPSE 100 Eurosibus 50 BBX Eurosibus 50 BBX EX	k markets of level level 2,337 20,480 4990 4990 4990 4990 4990 4990 4990 4	Daily 0.5 0.8 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	0.8 3.0 1.7 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.5	2 6 4 1 1 0 1 1 3 5 0 0 0 0 2 3 6 1 0 0 1 2 2 Monthly 9 6 4 1 10 9 1 12 6 5 5 7 7 5 4 9 12 8 5 8	3
Stock  Sacination Cos  Sacinat	k markets of level [198]	Daily 0.5 0.8 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	0.8 3.0 1.7 1.5 1.1 1.5 1.5 1.1 1.5 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.1	2 6 4 1 1 0 1 1 3 5 0 0 0 0 2 3 6 1 1 0 1 1 2 2 Monthly 9 6 4 1 10 6 5 5 5 7 7 5 4 9 1 2 8 8 5 8 1 10 10 10	3
Stoc  Stocker  Stocke	k markets of level [198]	Daily 0.5 0.8 0.8 0.3 0.3 0.3 0.5 0.5 0.9 0.9 0.9 0.8 0.9 0.9 0.8 0.2 0.9 0.9 0.8 0.2 0.9 0.9 0.8 0.6 0.9 0.9 0.8 0.6 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.8 3.0 1.8 3.0 1.7 1.5 1.1 1.5 1.5	2 6 4 1 1 1 1 3 3 5 0 0 0 2 3 6 1 1 0 4 4 1 1 1 2 5 5 7 7 5 4 4 8 5 8 1 10 4 3 3 1 10 1 10 1 10 1 10 1 10 1 1	3
Marchitectus  546/900  Down Jones  Nikele  FFSE 100  Eurodisous 50  BEX  ASE Alberts  MSG Latter  MSG	k markets of level   l	Daily -0.5 -0.8 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2	0.8 3.0 1.8 3.0 1.7 1.5 1.7 1.5 1.1 1.2 2.3 3.3 1.2 1.1 1.1 1.2 1.2 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	2 6 4 1 1 0 1 1 1 3 5 0 0 0 2 3 6 6 1 1 0 0 1 1 2 2 Monthly 9 6 4 1 1 0 5 5 5 7 7 5 4 9 1 1 2 8 8 8 1 1 0 1 1 4 3 3 4 4	3 3 6 6 1 1 3 8 4 4 2 1 1 3 5 5 4 4 4 5 5 112 5 20 9 1 1 6 6 2 2 5 2 6 6 111 7 7 9 5 5 9 2 2 6 6 111 8 7 7 7 4 4 12 4 6 6 7 7 5
Stock  St	k markets of level [198]	Daily 0.5 0.8 0.3 0.3 0.3 0.5 0.6 0.9 0.6 0.9 0.0 0.8 0.2 0.4 0.9 0.0 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.0 0.0 0.8 0.8 0.2 0.8 0.2 0.8 0.0 0.0 0.8 0.8 0.2 0.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.8 3.0 1.8 3.0 1.7 1.5 1.7 1.5 1.1 1.2 2.2 1.3 1.3 1.2 2.2 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	2 6 4 1 0 1 1 1 3 3 5 0 0 0 0 2 2 3 6 6 1 0 1 2 2 Moortly 9 6 4 1 10 9 1 2 2 8 8 1 1 2 2 8 8 1 1 2 2 8 8 1 1 2 3 4 4 5 5 5	3 3 6 1 3 8 4 4 2 -1 1 3 5 4 4 4 5 5 12 20 9 1 6 6 2 5 5 2 6 6 11 1 8 7 7 9 9 2 4 6 6 7 7 7 9 1 1 8 6 7 7 7 4 1 1 2 4 4 6 6 7 7 5 5 4 1 1 1 3 1 3
Main indices  SAPS00  SAPS00  SAPS00  SAPS00  Earosticus So  BEX  BEX  Look  BEX  Look  BEX  Look  BEX  BEX  BEX  BEX  BEX  BEX  BEX  BE	k markets of Pevel	Daily 0.5 0.8 0.3 0.3 0.9 1.4 0.5 0.5 0.8 0.2 1.2 1.4 1.4 1.4 1.7 1.8 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	0.8 3.0 1.8 3.0 1.7 1.5 1.7 1.5 1.1 1.2 2.8 1.2 2.3 1.2 2.3 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 3.3	2 6 4 1 0 1 1 1 3 5 5 0 0 0 2 3 6 6 1 0 7 1 1 2 2 6 6 4 4 9 1 1 2 6 5 5 7 7 5 4 9 1 1 2 8 8 8 1 1 0 4 3 3 4 5 5	3
Maria Indicas Sacraticas Sacratic	k marketa të hevel  2.4373 20.480 20.480 20.480 3.410 10.265 112.000 119.443 3.410 10.265 112.000 119.443 3.410 119.443 3.410 119.443 3.410 119.443 117.748 118.74	Daily 0.5 0.8 0.3 0.3 0.3 0.9 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.8 3.0 1.8 3.0 1.7 1.5 1.7 1.5 1.1 1.2 2.8 2.8 2.7 1.5 2.2 3.5 2.6 4.6 3.3 3.2 2.3 3.2 2.3 3.2 2.1 2.4 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4	2 6 4 1 0 1 1 1 3 5 0 0 0 0 2 3 3 6 1 1 1 2 2 1 2 4 9 6 4 4 1 1 2 2 1 2 4 8 5 5 4 4 9 9 1 1 2 2 8 8 5 8 8 1 1 0 1 4 3 3 4 4 5 5 5 3 3 1 5 3 3	3 3 6 1 3 8 4 4 2 1 1 3 5 1 4 4 4 5 5 1 2 2 0 9 1 1 6 2 2 5 2 6 6 1 1 7 7 7 7 4 4 1 2 4 6 6 7 7 5 5 4 1 1 3 3 4 1 6 6 4 1 6 6 6 6 6 6 6 6 6 6 6 6 6 6
Maria Indicas Sacraticas Sacratic	k makta te kender kende	Daily 0.5 0.8 0.3 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.8 3.0 1.1 1.1 1.1 1.2 1.2 1.1 1.1 1.2 1.2 1.1 1.1	2 6 4 1 0 1 1 3 3 5 0 0 0 0 2 2 3 6 6 1 0 1 2 Monthly 9 6 4 1 10 9 1 2 8 8 1 1 2 8 8 1 1 2 5 5 5 7 7 5 5 4 9 1 2 5 5 5 7 7 5 5 4 9 1 2 5 5 5 7 7 5 5 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 6 1 3 3 8 4 4 2 1 1 3 3 5 4 4 4 5 5 12 20 9 1 6 6 2 2 6 6 11 1 8 7 7 4 1 2 4 6 6 7 7 5 5 4 13 344 16
Marinination  Ma	k marketa (c. levert)	Daily -0.5 -0.8 -0.8 -0.2 -0.5 -0.6 -0.9 -0.8 -0.6 -0.9 -0.8 -0.6 -0.9 -0.8 -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 -0.6 -0.7 -0.7 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6	0.8 3.0 1.1.7 1.5 1.1.1 1.2.2 1.3.3 0.4 1.5 1.1.1 1.1.1 1.2.2 1.2.1 1.1.	2 6 4 1 0 1 1 1 3 5 0 0 0 0 2 3 6 1 1 0 1 1 2 2 1 2 6 4 4 1 1 2 2 6 5 5 7 7 5 4 9 1 1 2 8 5 5 8 1 1 0 1 1 2 8 5 5 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 6 1 3 8 4 4 2 1 1 3 5 5 1 2 0 9 1 1 6 6 7 7 4 4 1 2 4 6 6 7 7 5 4 4 1 3 3 4 1 3 3 4 1 1 6 6 4 2 2 Year
Stock  Stor 200	k maketa to kewel	0.8 0.8 0.8 0.8 0.8 0.9 0.9 0.0 0.1 1.6 0.6 0.1 0.6 0.6 0.1 0.7 v depression 0.7 v depressi	0.8 3.0 1.1.7 1.5.5 1.1.1 1.2.2 1.3.3 1.3.3 1.2.1 1.5.	2 6 4 1 1 0 1 1 1 1 3 5 0 0 0 0 0 2 2 3 3 6 6 1 1 0 0 1 1 2 2 1 1 2 6 4 1 1 1 0 9 9 1 1 2 1 2 6 4 1 1 0 1 1 1 2 1 1 2 6 5 5 5 7 7 5 5 4 9 1 1 1 0 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1	3 3 6 1 3 8 4 4 2 2 1 1 3 3 8 5 1 2 2 0 9 1 1 6 6 7 1 7 9 9 2 2 6 6 1 1 1 7 7 4 1 2 4 6 6 7 7 5 4 1 3 3 3 4 4 6 2 2 4 4 7 2 2 4 4 6 7 7 5 5 4 1 1 3 3 4 4 6 7 7 5 5 4 1 1 3 3 4 4 6 7 7 5 5 4 7 7 7 7 8 7 8 7 8 7 7 7 8 7 8 7 8 7 7 7 8 7 8 7 8 7 7 7 8 7 8 7 8 7 8 7 7 7 8 7 8 7 8 7 7 7 8 7
Maria incirca se   548-550  Down Jones  100 Jan	k mukete to level 2   1   2   2   2   2   2   2   2   2	Daily 0.5 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.8 0.0 0.9 0.9 0.9 0.9 0.8 0.0 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.88 3.00 1.18 3.00 1.17 1.15 1.17 1.15 1.17 1.15 1.17 1.17	2	3 3 6 6 1 3 8 8 4 2 2 1 3 3 5 5 1 2 5 5 2 6 6 6 1 1 1 7 7 7 9 9 2 2 6 6 6 1 1 1 8 7 7 7 7 4 4 6 6 7 7 5 5 4 1 1 3 3 4 4 1 6 6 7 7 5 5 4 4 1 1 3 3 4 4 2 2 4 8 8
Marinimical sea   Sade 500   Deve John Share   Marinimical sea   Sade 500   Deve John Share   Marinimical sea   Marinimi	k muktos to loved 1. 1	0.hy 0.5 0.hy 0.5 0.hy 0.5 0.hy 0.5 0.hy 0.5 0.h	0.88 3.00 1.18 3.00 1.17 1.15 1.17 1.15 1.11 1.12 1.13 1.33 1.34 1.07 1.15 1.03 1.28 1.00 1.15 1.15 1.28 1.00 1.15 1.15 1.28 1.00 1.15 1.16 1.16 1.17 1.18 1.18 1.18 1.18 1.18 1.18 1.18	-2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 4 4 5 2 1 1 3 3 8 8 4 4 5 2 1 1 3 3 8 8 4 4 5 1 2 1 1 5 1 2 1 1 5 1 2 1 1 5 1 2 1 1 1 1
Maria Indicate  Selection  Maria Indicate  Selection  Maria Indicate  Maria In	k mutet)	Daily 0.5   0.5   0.5   0.5   0.6   0.7   0.9   1.6   0.9   1.6   0.9   1.7   0.9   1.7   0.9   1.8   0.0   0.8   0.2   0.8   0.2   0.8   0.2   0.8   0.2   0.8   0.2   0.8   0.1   1.4   1.4   1.4   1.5   1.1	0.88 3.0 1.1.2 1.1.7 1.5.5 1.1.2 1.2.2 1.1.2 1.1.1 1.1	2 - 2 - 6 - 4 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	3 3 4 4 4 5 12 15 16 16 17 17 17 17 17 17 17 17 17 17 17 17 17
Maria Indicas  444-950  Down Jones  Address  Add	k muket?	0.15 0.15 0.15 0.15 0.15 0.15 0.16 0.17 0.17 0.19 0.18 0.17 0.19 0.18 0.19 0.19 0.19 0.19 0.19 0.19 0.19 0.19	0.8 1.8 3.0 1.17 1.17 1.17 1.17 1.17 1.17 1.17 1.	2	3 3 4 4 4 5 12 15 16 16 17 17 17 17 17 17 17 17 17 17 17 17 17
MSCI Design of the Control of the Co	k muketa to lovel 1	0.19 0.5 0.6 0.1 0.6 0.1 0.6 0.1 0.6 0.1 0.6 0.1 0.6 0.1 0.6 0.1 0.5 0.1 0.6 0.1 0.5 0.1 0.1 0.5 0.1 0.1 0.5 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.8 3.0 1.1.1 1.1.	2 - 2 - 6 - 4 - 1 - 1 - 1 - 1 - 1 - 3 - 3 - 5 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	3 3 4 4 5 12 15 5 4 4 5 12 10 6 6 7 7 9 5 5 4 13 3 3 4 6 6 7 7 5 4 13 3 3 4 6 6 7 7 5 4 13 3 4 6 7 7 5 4 13 3 4 6 7 7 5 4 13 3 4 6 7 7 5 4 13 3 4 6 7 7 5 5 4 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7
MAST LINE CONTROL OF THE CONTROL OF	k mutet2   100   1	0.10	0.8 d. 3.0 d. 4.1.7 d. 5.1.7 d	2	3 3 4 4 2 1 3 5 1 1 2 2 1 1 5 5 1 1 2 2 2 2 4 1 1 3 1 3 1 4 1 1 4 1 1 1 1 1 1 1 1 1
Stock  St	k muketa to lovel 1	0.15 0.15 0.15 0.15 0.15 0.15 0.15 0.15	0.8	2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 4 4 2 1 3 5 4 4 4 5 5 2 6 6 111 7 7 7 4 12 4 6 6 7 7 7 5 4 13 3 3 4 16 4 2 2 4 8 3 3 3 4 4 2 2 4 8 8 3 3 4 4 4 8 8
Stock  SAS-590  Down Jones  SAS-590  Down Jones  SAS-590  Down Jones  SAS-590  Barry Jones  Barry Jones  SAS-590  Barry Jones  Barry Jones  SAS-690  BAS ASS ASS ASS ASS ASS ASS ASS ASS ASS	k mukto to love to lov	0.15	0.8	2	3 3 4 4 2 1 3 5 4 4 4 5 5 7 7 7 7 4 4 6 6 7 7 7 7 4 4 6 6 4 2 2 2 4 8 3 3 4 4 1 1 4 6 8 5 7 7 8 4 8 8 5 7 7 8 9 8 9 8 9 8 9 8 9 9 9 9 9 9 9 9 9
Maria Maria  Sate 500  Down James  Nation  This E 100  Eurositous 50  BEX  Eurositous 50  BEX  ASS Atheris  MAGI Latama  M	k unktež 2 2017 2017 2017 2017 2017 2017 2017 201	0.19 0.10 0.10 0.10 0.10 0.10 0.10 0.10	0.8	2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 4 4 5 4 4 5 4 4 5 5 4 4 4 5 5 5 4 4 5 7 7 7 4 4 6 6 7 7 7 7 4 4 6 6 7 7 7 7 4 4 6 6 7 7 7 7
Stock  Marithmicros  Sada-500  Dover Jonne  Note of the control of	k muketa to lover 1	0.19 0.19 0.19 0.19 0.19 0.19 0.19 0.19	-0.8   -0	2	3 3 4 4 5 5 7 7 7 7 7 7 7 4 4 4 6 7 7 5 4 4 3 3 4 4 4 8 8 5 5 7 3 3 4 4 4 8 8 5 5 7 7 3 3 3 4 4 4 8 8 5 5 7 7 3 3 3 4 4 5 5 5 7 3 3 3 4 5 5 7 7 3 3 3 4 5 5 7 7 3 3 3 4 5 5 7 7 3 3 3 4 5 5 7 7 3 3 3 4 5 5 7 7 3 3 3 5 5 7 7 3 3 3 5 7 7 7 7 7
MSCI Design of the Control of the Co	k muktot to level 2.	0.15 0.08 0.3 0.25 0.8 0.8 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.8 3.30.3 1.8 3.30.3 1.9 3.1 1.5 5.1	2 6 4 1 1 1 3 5 5 0 0 0 2 3 6 6 1 1 2 2 7 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 4 4 2 1 3 5 4 4 4 5 5 7 7 7 4 4 6 6 7 7 7 7 4 4 8 3 3 4 4 1 4 8 3 3 4 4 1 4 8 3 4 4 1 4 8 3 4 4 1 4 8 3 4 4 1 4 8
MSCI Design of the Control of the Co	k mutet)    100	0.10 0.5 0.5 0.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-0.8   -0	2	3
Stock  St	k mukto to keep to kee	0.10 0.5 0.5 0.6 0.6 0.1 0.7 0.5 0.6 0.6 0.1 0.7 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-0.8   -0	2	3
James Stock  James	k maketa to lower	0.10 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0-8	2	3   6   6   7   7   7   7   7   7   7   7
Maria Indicate  Add-1900	k muketi C    Institute	0.10 0.5 0.5 0.8 0.6 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	-0.8	2	3   3   6   6   7   7   7   7   7   7   7   7
Stock  St	k maketa to leave to the control of	Doubly   Color   Col	-0.8   -0	2	3   3   6   6   7   7   7   7   7   7   7   7
Social Services  SAS-PSD  Down Jones  SAS-PSD  Down Jones  Nikole  TESE 100  Eurositous 50  BEX  SAS AMERIS  SAS A	k market 2 2-237 2	0.19 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0-88 330 330 330 330 330 330 330 330 330 3	2 6 4 1 1 1 3 5 5 1 1 2 Monthly 0-4 1 1 5 5 5 1 3 0 3 3 0 3 3 0 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	3   3   4   4   5   7   7   7   7   7   7   7   7   7





Debt markets	( 10Y <u>, %, c</u> h	anges in t	ip)		
Developed Markets US (2-yr)	1.16	Daily -4.1	-7.3 -11.4	Month -15	YTD -5
US GER (2-yr)	2.18 -0.86	-6.7 -0.2	-11.4	-32 -9	-26 -9
Germany France	0.16	-3.1 -2.4	-1.4 -4.8 -7.0	-28 -22	-12 8
Spain	1.67	-3.7 -5.6	2.6	-21 -10	16 39
Portugal	3.82	-6.7	-3.6	-75	-36
Greece Japan (2-yr)	6.79 -0.22	11.9 -1.3	6.9 0.4	-61 -4	-10 -3
Japan Emerging Markets	0.01	-1.3 -2.7 Daily	-6.5 Weekly	-6 Monthly	-6 YTD
Brazil	10.05	-4.3	2.5	-18	-136
Chile Colombia	3.91 6.57	-0.1 -5.0	-3.4 -5.4	-42 -27	-42 -52
Mexico Peru	7.12 5.79	-3.1 0.2	-10.1 -5.1	-13 -16	-51 -68
Poland Russia	3.37 8.09	-4.1 3.7	-7.6 -3.0	-37 -5	-35 -36
Turkey	10.66	8.0	-3.0	-4	-34
India Indonesia	6.86 7.06	1.7	5.4 -2.7	-17	48 -78
Country ris	k (bp, chang	es in bp)			
Developed Markets  10-yr sovereign spread vs Germany	level	Daily	Weekly	Monthly	YTD
France Italy	74 211	0.7 -2.5	-2.2 2.8	6 18	20 51
Portugal	366	-3.6	1.2	-19	4
Spain 2-yr sovereign spread vs Germany	151	-0.6	7.4	7	36
France	54	0.7	-0.5	22	44
Italy Portugal	82 127	-2.5 0.9	0.1 2.4	-82	21 -20
Spain Emerging Markets	65	-2.5	-0.5	2	17 YTD
5-yr sovereign CDS *	level	Daily	weekiy	Monthly	TID
Brazil Chile	222 78	-1 2	4 5	8	-50 -4
Colombia	135	1	5	3	-28
Mexico Peru	129 104	1 2	3 4	-3 7	-27 -4
Venezuela	3,464	-25	-113	37	-441
Poland Russia	69 167	0	-5	5	-7 -9
Turkey	231	1	-3	8	-41
China India	88 99	0	5	7	-29 -28
Indonesia Ris	137	0	7	14	-19
Volatilty indicators (%)	level	Daily	Weekly	Monthly	YTD
VIX VST OXX	15 26	4.8 9.4	2 12	36 129	4 9
EM EFT volatility Index	21	3.1	7	50	4
Dollar/euro volatility EM FX volatility index	13 9	-2.9 -1.0	3 -2	91 4	26 -17
Credit spread (BAA) (bps)	237	6.7	10	8	10
US bonds volatility index Banking 5 y CDS (typs) *	71 level	-4.7 Daily	1 Weekly	17 Monthly	-7 YTD
US	63	0.3	- 1	3	-9
EZ UK	116 81	0.2	4	13 10	-9
Large Spanish	107	0.2	4	-1 9	-10 13
Medium Spanish Corporate 5y CDS (bps) *	165 level	Daily	Weekly	Monthly	YTD
US Non-financial EZ Non-financial	153 102	0.3	1 4	3 13	-9 8
UK Non-financial	123	0.0	2	12	-2
Interbank mar	rkets (%, che level	nges in b Daily	Weekly	Monthly	YTD
EONIA Index	-0.36	0.00	0.0	0.0	0.0
Euribor 3m Euribor 12m	-0.33 -0.12	0.00	0.0	0.0	0.0
Libor 3m Libor 12m	1.16	0.00	0.0	0.0	0.2
EZ TED spread 3 m	1.77 47.2	0.00	3.4	0.0 -11.3	-19.2
p					
	k markets (				
Stoc Main indices	k markets (	Daily	Weekly	Monthly	YTD
Stoc			Weekly -0.7 -0.8	Monthly -2 -2	YTD 3 3
Stoc Main indices S&P500 Dow Jones Nikkei	level 2,337 20,480 18,419	-0.5 -0.8 -0.3	-0.8 -1.8	-2 -6	3 -6
Stoc Main indices S&P500 Dow Jones Nikket FTSE 100 EuroStoxx 50	level 2,337 20,480 18,419 7,148 3,410	Daily -0.5 -0.8 -0.3 -2.5 -1.1	-0.8 -1.8 -3.0 -1.7	-2 -6 -4 -1	3 -6 -1 3
Main indices \$4,000 Dow Jones Nikkei FTSE 100 EuroStoxx 50 IBEX	level 2,337 20,480 18,419 7,148 3,410 10,265	Daily -0.5 -0.8 -0.3 -2.5 -1.1	-0.8 -1.8 -3.0 -1.7 -1.5	-2 -6 -4 -1 0	3 -6 -1
Main indices SEP500 Dow Jones Nakele FFEE TO0 EuroStoux 50 BIBCX DAX CAC	k markets 0 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2	-2 -6 -4 -1 0 -1	3 -6 -1 3 8 4 2
Main indices S&P500 Dow Jones Nikler FTSE 100 EEUSTOURS BEX BEX MEM MEM MEM MEM MEM MEM MEM MEM MEM M	k markets 0 level 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4	-2 -6 -4 -1 0 -1 -1 -3 5	3 -6 -1 3 8 4 2 -1 3
Stoc Malin indices \$68980 Dow Jones Noke FTSE 100 EEXOSOX \$0 BEX DAX CAC MBB ASE Alteris MSG Latam*	k markets 0 level 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8	-2 -6 -4 -1 0 -1 -1 -3 5	3 -6 -1 3 8 4 2 -1 3 5
Stoc  Sairs indices	level 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1	-2 -6 -4 -1 0 -1 -1 -3 5 0 0	3 -6 -1 3 8 4 2 -1 3 5
Main indices \$587800 Dow Jones Holder Holder Dow Jones Holder MSC Harts MSC H	k markets 0 level 2,337 20,480 18,419 7,148 3,410 10,265 12,000 19,443 677 76,714 64,128 48,579 4,777 2,237	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4	-2 -6 -4 -1 0 -1 -1 -3 5 0	3 -6 -1 3 8 4 2 -1 3 5
Stoc  15.07.100.ccs	k markets 0 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 48,579 4,777 2,237 1,920	Daily -0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 -0.7 -2.9	-2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3 -6	3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15
Stoc  Brain Indices  SAPS00  Does Jones  FFSE 100  EaroStock 50  EaroStock 50  EARO MICHAEL  AND MICHAEL  BOAN MIC	level 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 4,977 76,714 48,579 4,777 2,237 1,920 91,374 760	Daily -0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3	-2 -6 -4 -1 0 -1 -1 -3 -5 0 0 0 -2 -3 -6 1 0	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9
Stock SS-SS-SS-SS-SS-SS-SS-SS-SS-SS-SS-SS-SS-	k markets 0 level 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 76,3197	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 -1.4 -0.3 -0.9 -0.8 -0.2 -1.2 -0.8 -0.0 -0.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3 -2.8	-2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3 -6 1 0 -1	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9
Machinetes 546900 Down Jones Nokel FFSE 100 Eurodison 50 BEX NS Nokel SEAS Allers MAGG Latam John Seas Seas Seas Seas Seas Seas Seas Seas	k markets © level 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 16vel	Daily -0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2 0.8 0.0 -0.8 -0.2 -0.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 -0.7 -2.9 -0.5 -0.3 -2.8 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	-2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3 -6 1 0 0 -1 2	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9
Stoc  SAPSO  Down Jones  FEET TO  EaroStock SO  EaroStock	k markets © level 2,337 20,480 18,419 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 91,374 7,000 19,430 19,400	Daily -0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2 0.8 0.0 -0.8 -0.2 -1.2 -0.8 -0.2 -1.2 -0.8 -0.2 -1.2 -0.8 -0.2 -1.2 -0.8 -0.8 -0.2 -1.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 0.7 -2.9 -0.5 -0.3 -2.8 -0.7 -0.8 -0.8 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9	-2 -6 -4 -1 0 -1 -3 5 0 0 0 -2 -3 -6 1 0 -1 2 2 Monthly -9	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9 1 6
Stoc  Sair Indices  Sair Seo  Dow Jone  The Sair Indices  Sair Seo  Dow Jone  Big Sair Seo  East	lovel 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,940 4,940 4,940 4,940 4,977 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 lovel 112.3 84.8 58.2	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 -1.4 -0.3 -0.9 -0.8 -0.2 -1.2 -0.8 -0.2 -1.2 -0.8 -0.2 -1.1 -0.8 -0.9 -0.8 -0.2 -1.1 -0.8 -0.9 -0.8 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3 -2.8 -0.7 -0.7 -0.8 -0.7 -0.8 -0.7	-2 -6 -4 -1 0 -1 -3 -5 0 0 -2 -3 -6 1 0 -1 2 Monthly -9 -6 -4	3 3 6 -1 3 8 4 2 -1 3 5 4 4 4 -5 12 -15 20 9 1 6 YTD -6 -2 -5
Stoc  16 nin Indices  56/950  16 nin Indices  56/950  18 nin Indices  18 nin I	k markets © level 2,337 2,3480 18,419 7,148 3,410 10,265 12,000 19,443 677 76,714 641,579 4,777 2,237 1,920 91,376 3,197 5,607 level 112,3 84.8	Daily -0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2 0.8 0.0 0.8 -0.2 Daily -2.4 -1.2	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 -0.7 -2.9 -0.5 -0.3 -0.7 Weekly -2.8 -1.0	-2 -6 -4 -1 0 -1 -3 -5 0 0 0 -2 -3 -6 1 0 -1 2 Mornthly -9 -6 -4 -10 -9	3 3 6 -1 3 8 4 2 -1 3 5 4 4 5 12 -15 20 9 1 6 7 7 7 7 8 9 9 1 6 9 1 1 1 1 1 1 1 1 1 1 1 1 1
Stoc  Brain Indices  SAPS00  Does Jones  FFSE 100  EaroStox 5 0  EEX DOES  AUX CAC	lovel 2,337 20,480 18,419 20,480 18,419 10,265 677 76,714 44,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 level 112,3 84,8 58,2 22,4 40,8 215,4	Daily 0.5 + 0.8 + 0.5 + 0.8 + 0.5 + 0.8 + 0.5 + 0.8 + 0.5 + 0.6 + 0.9 + 1.6 + 0.3 + 0.9 + 0.8 + 0.2 + 1.2 + 0.8 + 0.0 + 0.8 + 0.2 + 0.8 + 0.2 + 1.2 + 0.8 +	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -2.1 -1.1 -0.7 -2.9 -0.3 -2.8 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7	-2 -6 -4 -1 0 -1 -3 5 0 0 0 -2 -3 -6 1 0 -1 2 2 Monthity -9 -6 -4 -10	3 3 6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -1 20 9 1 6 YTD -6 -2 -5 -2
Stoc  Brain indices  SAPS00  Dow Jones  FFSE ToO  EaroSiox 50  EaroSiox 50  EaroSiox 50  EARO  AND  AND  AND  AND  AND  AND  AND  AN	lovel 2,337 20,480 18,419 20,480 18,419 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 760 3,197 5,607 level 112,8 48,599 2,24 40,8 25,24 40,8 25,25 7,3 98,2 57,3	Daily 0.5 - 0.8 - 0.9 - 0.5 - 0.8 - 0.6 - 0.9 - 0.6 - 0.9 - 1.6 - 0.7 - 0.9 - 1.6 - 0.3 - 0.9 - 0.8 - 0.2 - 1.2 - 0.8 - 0.2 - 0.8 - 0.2 - 0.8 - 0.2 - 1.4 - 1.8 - 0.4 - 1.4 - 1.8 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.7 - 1.7 - 0.5 -	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3 -2.8 -0.7 -2.9 -0.3 -2.8 -1.5 -2.2 -1.5 -2.2 -1.5 -2.3 -3.3 -3.3 -3.3 -3.3 -3.3 -3.3 -3.3	-2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3 -6 -6 1 0 -1 2 Morstly 9 -6 -4 -10 -9 -12 -6 -5 -5 -5	3 3 6 -1 3 8 4 4 2 1 3 5 4 4 4 -5 20 9 1 6 -2 -5 -2 -6 -11 -7 -7 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9
Stoc  Stocker  Stocke	lovel 2.337 (20,480 18,419 7.148 3.410 10.265 12,000 4,990 19,443 677 76,714 64,128 48,579 4.777 5,607 19,20 19,374 760 3.197 5,607 19,20 40,90 19,374 98.2 22.4 40.8 215.4 98.2 57.3 11.7	Daily -0.5 -0.8 -0.6 -0.9 -0.6 -0.9 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.4 -1.4 -1.4 -1.4 -1.4 -1.4 -1.5 -1.8 -1.6 -1.4 -1.5 -1.8 -1.6 -1.4 -1.5 -1.8 -1.6 -1.5 -1.8 -1.6 -1.8 -1.8 -1.8 -1.8 -1.8 -1.8 -1.8 -1.8	-0.8 -1.8 -1.8 -1.7 -1.5 -1.1 -1.2 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3	2	3 3 3 6 6 1 1 3 8 8 4 4 2 2 1 1 3 5 5 4 4 4 4 5 5 1 2 2 0 9 1 1 6 6 2 2 5 5 2 6 6 1 1 1 7 7 9 5 5
Stoc  SAPSO  SAP	level (2,337, 20,480 18,419 7,148 3,410 10,265 12,000 19,443 3,410 464,128 48,579 4,777 7,1320 11,374 7,1320 11,374 4,818 58.2 22.4 40.8 215.4 98.2 25.7 3 11,7 14,9 13,7	Daily 10.5 1.1 1.1 1.8 1.5 1.1 1.1 1.1 1.1 1.5 1.5 1.5 1.1 1.1	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -1.2 -2 -3.3 -0.4 -2.1 -1.7 -0.5 -0.3 -0.7 -0.5 -0.7 -0.5 -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 -0.7 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8	-2 -6 -4 -1 -1 -1 -1 -3 -3 -5 0 0 0 -2 -3 -3 -6 -6 -1 1 2 Monthly -9 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 46 41 3 8 4 4 2 4 1 3 5 5 4 4 4 4 5 5 12 20 9 1 1 6 6 2 5 5 2 6 6 11 7 7 9 5 9 2 2
Stoc  Brain Indices  SAPS00  Down Jones  FFSE 100  EaroStock 50  EaroSto	k mn/kts to level level   leve	Daily -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -1.2 -1.3 -0.4 -0.8 -0.4 -2.1 -1.1 -0.7 -2.9 -0.3 -2.8 -0.7 -2.9 -1.5 -0.3 -2.8 -0.7 -1.1 -1.1 -1.1 -1.1 -1.1 -1.1 -1.1 -1	-2 -6 -4 -1 -1 -1 -3 -5 -0 -0 -2 -3 -6 -1 1 -2 2 Monthly 9 -6 -4 -4 -10 -9 -12 -5 -5 -7 -7	3 3 46 -1 1 3 8 4 4 2 -1 1 3 5 5 4 4 4 5 5 12 20 9 1 6 7 10 6 -2 2 -5 -2 -6 -1 1 -7 -9 5 -9 -2 -6 6 -1 1 -7 -9 5 -9 -9 -2 -6 6 -1 1 -7 -9 5 -9 -9 -2 -6 6 -1 1 -7 -9 5 -9 -9 -2 -6 6 -1 1 -7 -9 5 -9 -9 -2 -6 6 -1 1 -7 -9 5 -9 -9 -2 -6 6 -1 1 -7 -9 5 -9 -9 -2 -6 6 -1 1 -7 -9 5 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9
Stoc  Marianization State 500 Down Jones Nikke TISE 100 Exarositous 50 BEX DAN MISS BEX DAN MISS BEX DAN MISS BEX MISS B	k markets 0 level 2.337 20.480 7.148	Daily 1.6 1.4 1.7 1.8 1.5 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	-0.8	2 6 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 4 6 11 3 8 8 4 2 11 3 5 5 4 4 5 5 20 9 1 6 6 2 2 5 2 6 6 11 7 9 9 2 2 6 6 11 8 8
Stoc  18-in-in-dices  18-dis-in-dices  1	k minkets 05 level 2,337 20,480 20,480 10,265 4,990 11,200 4,990 4,990 4,990 4,990 4,990 4,990 4,990 4,990 4,990 4,990 4,990 11,200 4,990 4,990 4,990 4,990 11,100	Daily 0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.6	- 0.8	2 6 4 1 1 0 0 1 1 1 3 5 0 0 0 0 2 3 6 6 1 0 0 1 1 2 2 0 1 1 1 0 0 0 1 1 2 1 1 1 1	3 3 6 1 3 8 8 4 2 1 1 3 5 5 4 4 4 4 5 5 1 2 2 0 9 9 1 6 6 7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
Maria Indicas SAR-PSO Down James Naked TIPSE 100 Eurosibus 50 BBX Eurosibus 50 BBX EX	k markets of level level 2,337 20,480 4990 4990 4990 4990 4990 4990 4990 4	Daily 0.5 0.8 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	0.8 3.0 1.7 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.5	2 6 4 1 1 0 1 1 3 5 0 0 0 0 2 3 6 1 0 0 1 2 2 Monthly 9 6 4 1 10 9 1 12 6 5 5 7 7 5 4 9 12 8 5 8	3
Stock  Sacination Cos  Sacinat	k markets of level [198]	Daily 0.5 0.8 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	0.8 3.0 1.7 1.5 1.1 1.5 1.5 1.1 1.5 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.1	2 6 4 1 1 0 1 1 3 5 0 0 0 0 2 3 6 1 1 0 1 1 2 2 Monthly 9 6 4 1 10 6 5 5 5 7 7 5 4 9 1 2 8 8 5 8 1 10 10 10	3
Stoc  Stocker  Stocke	k markets of level [198]	Daily 0.5 0.8 0.8 0.3 0.3 0.3 0.5 0.5 0.9 0.9 0.9 0.8 0.9 0.9 0.8 0.2 0.9 0.9 0.8 0.2 0.9 0.9 0.8 0.6 0.9 0.9 0.8 0.6 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.8 3.0 1.8 3.0 1.7 1.5 1.1 1.5 1.5	2 6 4 1 1 1 1 3 3 5 0 0 0 2 3 6 1 1 0 4 4 1 1 1 2 5 5 7 7 5 4 4 8 5 8 1 10 4 3 3 1 10 1 10 1 10 1 10 1 10 1 1	3
Marchitectus  546/900  Down Jones  Nikele  FFSE 100  Eurodisous 50  BEX  ASE Alberts  MSG Latter  MSG	k markets of level   l	Daily -0.5 -0.8 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2	0.8 3.0 1.8 3.0 1.7 1.5 1.7 1.5 1.1 1.2 2.3 3.3 1.2 1.1 1.1 1.2 1.2 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	2 6 4 1 1 0 1 1 1 3 5 0 0 0 2 3 6 6 1 1 0 0 1 1 2 2 Monthly 9 6 4 1 1 0 5 5 5 7 7 5 4 9 1 1 2 8 8 8 1 1 0 1 1 4 3 3 4 4	3 3 6 6 1 1 3 8 4 4 2 1 1 3 5 5 4 4 4 5 5 112 5 20 9 1 1 6 6 2 2 5 2 6 6 111 7 7 9 5 5 9 2 2 6 6 111 8 7 7 7 4 4 12 4 6 6 7 7 5
Stock  St	k markets of level [198]	Daily 0.5 0.8 0.3 0.3 0.3 0.5 0.6 0.9 0.6 0.9 0.0 0.8 0.2 0.4 0.9 0.0 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.0 0.0 0.8 0.8 0.2 0.8 0.2 0.8 0.0 0.0 0.8 0.8 0.2 0.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.8 3.0 1.8 3.0 1.7 1.5 1.7 1.5 1.1 1.2 2.2 1.3 1.3 1.2 2.2 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	2 6 4 1 0 1 1 1 3 3 5 0 0 0 0 2 2 3 6 6 1 0 1 2 2 Moortly 9 6 4 1 10 9 1 2 2 8 8 1 1 2 2 8 8 1 1 2 2 8 8 1 1 2 3 4 4 5 5 5	3 3 6 1 3 8 4 4 2 -1 1 3 5 4 4 4 5 5 12 20 9 1 6 6 2 5 5 2 6 6 11 1 8 7 7 9 9 2 4 6 6 7 7 7 9 1 1 8 6 7 7 7 4 1 1 2 4 4 6 6 7 7 5 5 4 1 1 1 3 1 3
Main indices  SAPS00  SAPS00  SAPS00  SAPS00  Earosticus So  BEX  BEX  Look  BEX  Look  BEX  Look  BEX  BEX  BEX  BEX  BEX  BEX  BEX  BE	k markets of Pevel	Daily 0.5 0.8 0.3 0.3 0.9 1.4 0.5 0.5 0.8 0.2 1.2 1.4 1.4 1.4 1.7 1.8 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	0.8 3.0 1.8 3.0 1.7 1.5 1.7 1.5 1.1 1.2 2.8 1.2 2.3 1.2 2.3 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 3.3	2 6 4 1 0 1 1 1 3 5 5 0 0 0 2 3 6 6 1 0 7 1 1 2 2 6 6 4 4 9 1 1 2 6 5 5 7 7 5 4 9 1 1 2 8 8 8 1 1 0 4 3 3 4 5 5	3
Maria Indicas Sacraticas Sacratic	k marketa të hevel  2.4373 20.480 20.480 20.480 3.410 10.265 112.000 119.443 3.410 10.265 112.000 119.443 3.410 119.443 3.410 119.443 3.410 119.443 117.748 118.74	Daily 0.5 0.8 0.3 0.3 0.3 0.9 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.8 3.0 1.8 3.0 1.7 1.5 1.7 1.5 1.1 1.2 2.8 2.8 2.7 1.5 2.2 3.5 2.6 4.6 3.3 3.2 2.3 3.2 2.3 3.2 2.1 2.4 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4	2 6 4 1 0 1 1 1 3 5 0 0 0 0 2 3 3 6 1 1 1 2 2 1 2 4 9 6 4 4 1 1 2 2 1 2 4 8 5 5 4 4 9 9 1 1 2 2 8 8 5 8 8 1 1 0 1 4 3 3 4 4 5 5 5 3 3 1 5 3 3	3 3 6 1 3 8 4 4 2 1 1 3 5 1 4 4 4 5 5 1 2 2 0 9 1 1 6 2 2 5 2 6 6 1 1 7 7 7 7 4 4 1 2 4 6 6 7 7 5 5 4 1 1 3 3 4 1 6 6 4 1 6 6 6 6 6 6 6 6 6 6 6 6 6 6
Maria Indicas Sacraticas Sacratic	k makta te kender kende	Daily 0.5 0.8 0.3 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.8 3.0 1.1 1.1 1.1 1.2 1.2 1.1 1.1 1.2 1.2 1.1 1.1	2 6 4 1 0 1 1 3 3 5 0 0 0 0 2 2 3 6 6 1 0 1 2 Monthly 9 6 4 1 10 9 1 2 8 8 1 1 2 8 8 1 1 2 5 5 5 7 7 5 5 4 9 1 2 5 5 5 7 7 5 5 4 9 1 2 5 5 5 7 7 5 5 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 6 1 3 3 8 4 4 2 1 1 3 3 5 4 4 4 5 5 12 20 9 1 6 6 2 2 6 6 11 1 8 7 7 4 1 2 4 6 6 7 7 5 5 4 13 344 16
Marinination  Ma	k marketa (c. levert)	Daily -0.5 -0.8 -0.8 -0.2 -0.5 -0.6 -0.9 -0.8 -0.6 -0.9 -0.8 -0.6 -0.9 -0.8 -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 -0.6 -0.7 -0.7 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6	0.8 3.0 1.1.7 1.5 1.1.1 1.2.2 1.3.3 0.4 1.5 1.1.1 1.1.1 1.2.2 1.2.1 1.1.	2 6 4 1 0 1 1 1 3 5 0 0 0 0 2 3 6 1 1 0 1 1 2 2 1 2 6 4 4 1 1 2 2 6 5 5 7 7 5 4 9 1 1 2 8 5 5 8 1 1 0 1 1 2 8 5 5 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 6 1 3 8 4 4 2 1 1 3 5 5 1 2 0 9 1 1 6 6 7 7 4 4 1 2 4 6 6 7 7 5 4 4 1 3 3 4 1 3 3 4 1 1 6 6 4 2 2 Year
Stock  Stor 200	k maketa to kewel	0.8 0.8 0.8 0.8 0.8 0.9 0.9 0.0 0.1 1.6 0.6 0.1 0.6 0.6 0.1 0.7 v depression 0.7 v depressi	0.8 3.0 1.1.7 1.5.5 1.1.1 1.2.2 1.3.3 1.3.3 1.2.1 1.5.	2 6 4 1 1 0 1 1 1 1 3 5 0 0 0 0 0 2 2 3 3 6 6 1 1 0 0 1 1 2 2 1 1 2 6 4 1 1 1 0 9 9 1 1 2 1 2 6 4 1 1 0 1 1 1 2 1 1 2 6 5 5 5 7 7 5 5 4 9 1 1 1 0 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1	3 3 6 1 3 8 4 4 2 2 1 1 3 3 8 5 1 2 2 0 9 1 1 6 6 7 1 7 9 9 2 2 6 6 1 1 1 7 7 4 1 2 4 6 6 7 7 5 4 1 3 3 3 4 4 6 2 2 4 4 7 2 2 4 4 6 7 7 5 5 4 1 1 3 3 4 4 6 7 7 5 5 4 1 1 3 3 4 4 6 7 7 5 5 4 7 7 7 7 8 7 8 7 8 7 7 7 8 7 8 7 8 7 7 7 8 7 8 7 8 7 7 7 8 7 8 7 8 7 8 7 7 7 8 7 8 7 8 7 7 7 8 7
Maria incirca se   548-550  Down Jones  100 Jan	k mukete to level 2   1   2   2   2   2   2   2   2   2	Daily 0.5 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.8 0.0 0.9 0.9 0.9 0.9 0.8 0.0 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.88 3.00 1.18 3.00 1.17 1.15 1.17 1.15 1.17 1.15 1.17 1.17	2	3 3 6 6 1 3 8 8 4 2 2 1 3 3 5 5 1 2 5 5 2 6 6 6 1 1 1 7 7 7 9 9 2 2 6 6 6 1 1 1 8 7 7 7 7 4 4 6 6 7 7 5 5 4 1 1 3 3 4 4 1 6 6 7 7 5 5 4 4 1 1 3 3 4 4 2 2 4 8 8
Marinimical sea   Sade 500   Deve John Share   Marinimical sea   Sade 500   Deve John Share   Marinimical sea   Marinimi	k muktos to loved 1. 1	0.hy 0.5 0.hy 0.5 0.hy 0.5 0.hy 0.5 0.hy 0.5 0.h	0.88 3.00 1.18 3.00 1.17 1.15 1.17 1.15 1.11 1.12 1.13 1.33 1.34 1.07 1.15 1.03 1.28 1.00 1.15 1.15 1.28 1.00 1.15 1.15 1.28 1.00 1.15 1.16 1.16 1.17 1.18 1.18 1.18 1.18 1.18 1.18 1.18	-2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 4 4 5 2 1 1 3 3 8 8 4 4 5 2 1 1 3 3 8 8 4 4 5 1 2 1 1 5 1 2 1 1 5 1 2 1 1 5 1 2 1 1 1 1
Maria Indicate  Selection  Maria Indicate  Selection  Maria Indicate  Maria In	k mutet)	Daily 0.5   0.5   0.5   0.5   0.6   0.7   0.9   1.6   0.9   1.6   0.9   1.7   0.9   1.7   0.9   1.8   0.0   0.8   0.2   0.8   0.2   0.8   0.2   0.8   0.2   0.8   0.2   0.8   0.1   1.4   1.4   1.4   1.5   1.1	0.88 3.0 1.1.2 1.1.7 1.5.5 1.1.2 1.2.2 1.1.2 1.1.1 1.1	2 - 2 - 6 - 4 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	3 3 4 4 4 5 12 15 16 16 17 17 17 17 17 17 17 17 17 17 17 17 17
Maria Indicas  444-950  Down Jones  Address  Add	k muket?	0.15 0.15 0.15 0.15 0.15 0.15 0.16 0.17 0.17 0.19 0.18 0.17 0.19 0.18 0.19 0.19 0.19 0.19 0.19 0.19 0.19 0.19	0.8 1.8 3.0 1.17 1.17 1.17 1.17 1.17 1.17 1.17 1.	2	3 3 4 4 4 5 12 15 16 16 17 17 17 17 17 17 17 17 17 17 17 17 17
MSCI Design of the Control of the Co	k muketa to lovel 1	0.19 0.5 0.6 0.1 0.6 0.1 0.6 0.1 0.6 0.1 0.6 0.1 0.6 0.1 0.6 0.1 0.5 0.1 0.6 0.1 0.5 0.1 0.1 0.5 0.1 0.1 0.5 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.8 3.0 1.1.1 1.1.	2 - 2 - 6 - 4 - 1 - 1 - 1 - 1 - 1 - 3 - 3 - 5 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	3 3 4 4 5 12 15 5 4 4 5 12 10 6 6 7 7 9 5 5 4 13 3 3 4 6 6 7 7 5 4 13 3 3 4 6 6 7 7 5 4 13 3 4 6 7 7 5 4 13 3 4 6 7 7 5 4 13 3 4 6 7 7 5 4 13 3 4 6 7 7 5 5 4 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7
MAST LINE CONTROL OF THE CONTROL OF	k mutet2   100   1	0.10	0.8 d. 3.0 d. 4.1.7 d. 5.1.7 d	2	3 3 4 4 2 1 3 5 1 1 2 2 1 1 5 5 1 1 2 2 2 2 4 1 1 3 1 3 1 4 1 1 4 1 1 1 1 1 1 1 1 1
Stock  St	k muketa to lovel 1	0.15 0.15 0.15 0.15 0.15 0.15 0.15 0.15	0.8	2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 4 4 2 1 3 5 4 4 4 5 5 2 6 6 111 7 7 7 4 12 4 6 6 7 7 7 5 4 13 3 3 4 16 4 2 2 4 8 3 3 3 4 4 2 2 4 8 8 3 3 4 4 4 8 8
Stock  SAS-590  Down Jones  SAS-590  Down Jones  SAS-590  Down Jones  SAS-590  Barry Jones  Barry Jones  SAS-590  Barry Jones  Barry Jones  SAS-690  BAS ASS ASS ASS ASS ASS ASS ASS ASS ASS	k mukto to love to lov	0.15	0.8	2	3 3 4 4 2 1 3 5 4 4 4 5 5 7 7 7 7 4 4 6 6 7 7 7 7 4 4 6 6 4 2 2 2 4 8 3 3 4 4 1 1 4 6 8 5 7 7 8 4 8 8 5 7 7 8 9 8 9 8 9 8 9 8 9 9 9 9 9 9 9 9 9
Maria Maria  Sate 500  Down James  Nation  This E 100  Eurositous 50  BEX  Eurositous 50  BEX  ASS Atheris  MAGI Latama  M	k unktež 2 2017 2017 2017 2017 2017 2017 2017 201	0.19 0.10 0.10 0.10 0.10 0.10 0.10 0.10	0.8	2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 4 4 5 4 4 5 4 4 5 5 4 4 4 5 5 5 4 4 5 7 7 7 4 4 6 6 7 7 7 7 4 4 6 6 7 7 7 7 4 4 6 6 7 7 7 7
Stock  Marithmicros  Sada-500  Dover Jonne  Note of the control of	k muketa to lover 1	0.19 0.19 0.19 0.19 0.19 0.19 0.19 0.19	-0.8   -0	2	3 3 4 4 5 5 7 7 7 7 7 7 7 4 4 4 6 7 7 5 4 4 3 3 4 4 4 8 8 5 5 7 3 3 4 4 4 8 8 5 5 7 7 3 3 3 4 4 4 8 8 5 5 7 7 3 3 3 4 4 5 5 5 7 3 3 3 4 5 5 7 7 3 3 3 4 5 5 7 7 3 3 3 4 5 5 7 7 3 3 3 4 5 5 7 7 3 3 3 4 5 5 7 7 3 3 3 5 5 7 7 3 3 3 5 7 7 7 7 7
MSCI Design of the Control of the Co	k muktot to level 2.	0.15 0.08 0.3 0.25 0.8 0.8 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.8 3.30.3 1.8 3.30.3 1.9 3.1 1.5 5.1	2 6 4 1 1 1 3 5 5 0 0 0 2 3 6 6 1 1 2 2 7 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 4 4 2 1 3 5 4 4 4 5 5 7 7 7 4 4 6 6 7 7 7 7 4 4 8 3 3 4 4 1 4 8 3 3 4 4 1 4 8 3 4 4 1 4 8 3 4 4 1 4 8 3 4 4 1 4 8
MSCI Design of the Control of the Co	k mutet)    100	0.10 0.5 0.5 0.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-0.8   -0	2	3
Stock  St	k mukto to keep to kee	0.10 0.5 0.5 0.6 0.6 0.1 0.7 0.5 0.6 0.6 0.1 0.7 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-0.8   -0	2	3
James Stock  James	k maketa to lower	0.10 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0-8	2	3   6   6   7   7   7   7   7   7   7   7
Maria Indicate  Add-1900	k muketi C    Institute	0.10 0.5 0.5 0.8 0.6 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	-0.8	2	3   3   6   6   7   7   7   7   7   7   7   7
Stock  St	k maketa to leave to the control of	Doubly   Color   Col	-0.8   -0	2	3   3   6   6   7   7   7   7   7   7   7   7
Social Services  SAS-PSD  Down Jones  SAS-PSD  Down Jones  Nikole  TESE 100  Eurositous 50  BEX  SAS AMERIS  SAS A	k market 2 2-237 2	0.19 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0-88 330 330 330 330 330 330 330 330 330 3	2 6 4 1 1 1 3 5 5 1 1 2 Monthly 0-4 1 1 5 5 5 1 3 0 3 3 0 3 3 0 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	3   3   4   4   5   7   7   7   7   7   7   7   7   7





Debt markets	( 10Y <u>, %, c</u> h	anges in t	ip)		
Developed Markets US (2-yr)	1.16	Daily -4.1	-7.3 -11.4	Month -15	YTD -5
US GER (2-yr)	2.18 -0.86	-6.7 -0.2	-11.4	-32 -9	-26 -9
Germany France	0.16	-3.1 -2.4	-1.4 -4.8 -7.0	-28 -22	-12 8
Spain	1.67	-3.7 -5.6	2.6	-21 -10	16 39
Portugal	3.82	-6.7	-3.6	-75	-36
Greece Japan (2-yr)	6.79 -0.22	11.9 -1.3	6.9 0.4	-61 -4	-10 -3
Japan Emerging Markets	0.01	-1.3 -2.7 Daily	-6.5 Weekly	-6 Monthly	-6 YTD
Brazil	10.05	-4.3	2.5	-18	-136
Chile Colombia	3.91 6.57	-0.1 -5.0	-3.4 -5.4	-42 -27	-42 -52
Mexico Peru	7.12 5.79	-3.1 0.2	-10.1 -5.1	-13 -16	-51 -68
Poland Russia	3.37 8.09	-4.1 3.7	-7.6 -3.0	-37 -5	-35 -36
Turkey	10.66	8.0	-3.0	-4	-34
India Indonesia	6.86 7.06	1.7	5.4 -2.7	-17	48 -78
Country ris	k (bp, chang	es in bp)			
Developed Markets  10-yr sovereign spread vs Germany	level	Daily	Weekly	Monthly	YTD
France Italy	74 211	0.7 -2.5	-2.2 2.8	6 18	20 51
Portugal	366	-3.6	1.2	-19	4
Spain 2-yr sovereign spread vs Germany	151	-0.6	7.4	7	36
France	54	0.7	-0.5	22	44
Italy Portugal	82 127	-2.5 0.9	0.1 2.4	-82	21 -20
Spain Emerging Markets	65	-2.5	-0.5	2	17 YTD
5-yr sovereign CDS *	level	Daily	weekiy	Monthly	TID
Brazil Chile	222 78	-1 2	4 5	8	-50 -4
Colombia	135	1	5	3	-28
Mexico Peru	129 104	1 2	3 4	-3 7	-27 -4
Venezuela	3,464	-25	-113	37	-441
Poland Russia	69 167	0	-5	5	-7 -9
Turkey	231	1	-3	8	-41
China India	88 99	0	5	7	-29 -28
Indonesia Ris	137	0	7	14	-19
Volatilty indicators (%)	level	Daily	Weekly	Monthly	YTD
VIX VST OXX	15 26	4.8 9.4	2 12	36 129	4 9
EM EFT volatility Index	21	3.1	7	50	4
Dollar/euro volatility EM FX volatility index	13 9	-2.9 -1.0	3 -2	91 4	26 -17
Credit spread (BAA) (bps)	237	6.7	10	8	10
US bonds volatility index Banking 5 y CDS (typs) *	71 level	-4.7 Daily	1 Weekly	17 Monthly	-7 YTD
US	63	0.3	- 1	3	-9
EZ UK	116 81	0.2	4	13 10	-9
Large Spanish	107	0.2	4	-1 9	-10 13
Medium Spanish Corporate 5y CDS (bps) *	165 level	Daily	Weekly	Monthly	YTD
US Non-financial EZ Non-financial	153 102	0.3	1 4	3 13	-9 8
UK Non-financial	123	0.0	2	12	-2
Interbank mar	rkets (%, che level	nges in b Daily	Weekly	Monthly	YTD
EONIA Index	-0.36	0.00	0.0	0.0	0.0
Euribor 3m Euribor 12m	-0.33 -0.12	0.00	0.0	0.0	0.0
Libor 3m Libor 12m	1.16	0.00	0.0	0.0	0.2
EZ TED spread 3 m	1.77 47.2	0.00	3.4	0.0 -11.3	-19.2
p					
	k markets (				
Stoc Main indices	k markets (	Daily	Weekly	Monthly	YTD
Stoc			Weekly -0.7 -0.8	Monthly -2 -2	YTD 3 3
Stoc Main indices S&P500 Dow Jones Nikkei	level 2,337 20,480 18,419	-0.5 -0.8 -0.3	-0.8 -1.8	-2 -6	3 -6
Stoc Main indices S&P500 Dow Jones Nikket FTSE 100 EuroStoxx 50	level 2,337 20,480 18,419 7,148 3,410	Daily -0.5 -0.8 -0.3 -2.5 -1.1	-0.8 -1.8 -3.0 -1.7	-2 -6 -4 -1	3 -6 -1 3
Main indices \$4,000 Dow Jones Nikkei FTSE 100 EuroStoxx 50 IBEX	level 2,337 20,480 18,419 7,148 3,410 10,265	Daily -0.5 -0.8 -0.3 -2.5 -1.1	-0.8 -1.8 -3.0 -1.7 -1.5	-2 -6 -4 -1 0	3 -6 -1
Main indices SEP500 Dow Jones Nakele FFEE TO0 EuroStoux 50 BIBCX DAX CAC	k markets 0 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2	-2 -6 -4 -1 0 -1	3 -6 -1 3 8 4 2
Main indices S&P500 Dow Jones Nikler FTSE 100 EEUSTOURS BEX BEX MEM MEM MEM MEM MEM MEM MEM MEM MEM M	k markets 0 level 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4	-2 -6 -4 -1 0 -1 -1 -3 5	3 -6 -1 3 8 4 2 -1 3
Stoc Malin indices \$68980 Dow Jones Noke FTSE 100 EEXOSOX \$0 BEX DAX CAC MBB ASE Alteris MSG Latam*	k markets 0 level 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8	-2 -6 -4 -1 0 -1 -1 -3 5	3 -6 -1 3 8 4 2 -1 3 5
Stoc  Sairs indices	level 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1	-2 -6 -4 -1 0 -1 -1 -3 5 0 0	3 -6 -1 3 8 4 2 -1 3 5
Main indices \$587800 Dow Jones Holder Holder Dow Jones Holder MSC Harts MSC H	k markets 0 level 2,337 20,480 18,419 7,148 3,410 10,265 12,000 19,443 677 76,714 64,128 48,579 4,777 2,237	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4	-2 -6 -4 -1 0 -1 -1 -3 5 0	3 -6 -1 3 8 4 2 -1 3 5
Stoc  15.07.100.ccs	k markets 0 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 48,579 4,777 2,237 1,920	Daily -0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 -0.7 -2.9	-2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3 -6	3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15
Stoc  Brain Indices  SAPS00  Does Jones  FFSE 100  EaroStock 50  EaroStock 50  EARO MICHAEL  AND MICHAEL  BOAN MIC	level 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 4,977 76,714 48,579 4,777 2,237 1,920 91,374 760	Daily -0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3	-2 -6 -4 -1 0 -1 -1 -3 -5 0 0 0 -2 -3 -6 1 0	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9
Stock SS-SS-SS-SS-SS-SS-SS-SS-SS-SS-SS-SS-SS-	k markets 0 level 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 76,3197	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 -1.4 -0.3 -0.9 -0.8 -0.2 -1.2 -0.8 -0.0 -0.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3 -2.8	-2 -6 -4 -1 0 -1 -1 -3 -5 0 0 0 -2 -3 -6 1 0 -1	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9
Machinetes 546900 Down Jones Nokel FFSE 100 Eurodison 50 BEX NS Nokel SEAS Allers MAGG Latam John Seas Seas Seas Seas Seas Seas Seas Seas	k markets © level 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 16vel	Daily -0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2 0.8 0.0 -0.8 -0.2 -0.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 -0.7 -2.9 -0.5 -0.3 -2.8 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	-2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3 -6 1 0 0 -1 2	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9
Stoc  SAPSO  Down Jones  FEET TO  EaroStock SO  EaroStock	k markets © level 2,337 20,480 18,419 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 91,374 7,000 19,430 19,400	Daily -0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2 0.8 0.0 -0.8 -0.2 -1.2 -0.8 -0.2 -1.2 -0.8 -0.2 -1.2 -0.8 -0.2 -1.2 -0.8 -0.8 -0.2 -1.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 0.7 -2.9 -0.5 -0.3 -2.8 -0.7 -0.8 -0.8 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9	-2 -6 -4 -1 0 -1 -3 5 0 0 0 -2 -3 -6 1 0 -1 2 2 Monthly -9	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9 1 6
Stoc  Sair Indices  Sair Seo  Dow Jone  The Sair Indices  Sair Seo  Dow Jone  Big Sair Seo  East	lovel 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,940 4,940 4,940 4,940 4,977 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 lovel 112.3 84.8 58.2	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 -1.4 -0.3 -0.9 -0.8 -0.2 -1.2 -0.8 -0.2 -1.2 -0.8 -0.2 -1.1 -0.8 -0.9 -0.8 -0.2 -1.1 -0.8 -0.9 -0.8 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3 -2.8 -0.7 -0.7 -0.8 -0.7 -0.8 -0.7	-2 -6 -4 -1 0 -1 -3 -5 0 0 -2 -3 -6 1 0 -1 2 Monthly -9 -6 -4	3 3 6 -1 3 8 4 2 -1 3 5 4 4 4 -5 12 -15 20 9 1 6 YTD -6 -2 -5
Stoc  16 nin Indices  56/950  16 nin Indices  56/950  18 nin Indices  18 nin I	k markets © level 2,337 2,3480 18,419 7,148 3,410 10,265 12,000 19,443 677 76,714 641,579 4,777 2,237 1,920 91,376 3,197 5,607 level 112,3 84.8	Daily -0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2 0.8 0.0 0.8 -0.2 Daily -2.4 -1.2	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 -0.7 -2.9 -0.5 -0.3 -0.7 Weekly -2.8 -1.0	-2 -6 -4 -1 0 -1 -3 -5 0 0 0 -2 -3 -6 1 0 -1 2 Mornthly -9 -6 -4 -10 -9	3 3 6 -1 3 8 4 2 -1 3 5 4 4 5 12 -15 20 9 1 6 7 7 7 7 8 9 9 1 6 9 1 1 1 1 1 1 1 1 1 1 1 1 1
Stoc  Brain Indices  SAPS00  Does Jones  FFSE 100  EaroStox 5 0  EEX DOES  AUX CAC	lovel 2,337 20,480 18,419 20,480 18,419 10,265 677 76,714 44,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 level 112,3 84,8 58,2 22,4 40,8 215,4	Daily 0.5 + 0.8 + 0.5 + 0.8 + 0.5 + 0.8 + 0.5 + 0.8 + 0.5 + 0.6 + 0.9 + 1.6 + 0.3 + 0.9 + 0.8 + 0.2 + 1.2 + 0.8 + 0.0 + 0.8 + 0.2 + 0.8 + 0.2 + 1.2 + 0.8 +	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -2.1 -1.1 -0.7 -2.9 -0.3 -2.8 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7	-2 -6 -4 -1 0 -1 -3 5 0 0 0 -2 -3 -6 1 0 -1 2 2 Monthity -9 -6 -4 -10	3 3 6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -1 20 9 1 6 YTD -6 -2 -5 -2
Stoc  Brain indices  SAPS00  Dow Jones  FFSE ToO  EaroSiox 50  EaroSiox 50  EaroSiox 50  EARO  AND  AND  AND  AND  AND  AND  AND  AN	lovel 2,337 20,480 18,419 20,480 18,419 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 760 3,197 5,607 level 112,8 48,599 2,24 40,8 25,24 40,8 25,25 7,3 98,2 57,3	Daily 0.5 - 0.8 - 0.9 - 0.5 - 0.8 - 0.6 - 0.9 - 0.6 - 0.9 - 1.6 - 0.7 - 0.9 - 1.6 - 0.3 - 0.9 - 0.8 - 0.2 - 1.2 - 0.8 - 0.2 - 0.8 - 0.2 - 0.8 - 0.2 - 1.4 - 1.8 - 0.4 - 1.4 - 1.8 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.7 - 1.7 - 0.5 -	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3 -2.8 -0.7 -2.9 -0.3 -2.8 -1.5 -2.2 -1.5 -2.2 -1.5 -2.3 -3.3 -3.3 -3.3 -3.3 -3.3 -3.3 -3.3	-2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3 -6 -6 1 0 -1 2 Morstly 9 -6 -4 -10 -9 -12 -6 -5 -5 -5	3 3 6 -1 3 8 4 4 2 1 3 5 4 4 4 -5 20 9 1 6 -2 -5 -2 -6 -11 -7 -7 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9
Stoc  Stocker  Stocke	lovel 2.337 (20,480 18,419 7.148 3.410 10.265 12,000 4,990 19,443 677 76,714 64,128 48,579 4.777 5,607 19,20 19,374 760 3.197 5,607 19,20 40,90 19,374 98.2 22.4 40.8 215.4 98.2 57.3 11.7	Daily -0.5 -0.8 -0.6 -0.9 -0.6 -0.9 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.4 -1.4 -1.4 -1.4 -1.4 -1.4 -1.5 -1.8 -1.6 -1.4 -1.5 -1.8 -1.6 -1.4 -1.5 -1.8 -1.6 -1.5 -1.8 -1.6 -1.8 -1.8 -1.8 -1.8 -1.8 -1.8 -1.8 -1.8	-0.8 -1.8 -1.8 -1.7 -1.5 -1.1 -1.2 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3	2	3 3 3 6 6 1 1 3 8 8 4 4 2 2 1 1 3 5 5 4 4 4 4 5 5 1 2 2 0 9 1 1 6 6 2 2 5 5 2 6 6 1 1 1 7 7 9 5 5
Stoc  SAPSO  SAP	level (2,337, 20,480 18,419 7,148 3,410 10,265 12,000 19,443 3,410 464,128 48,579 4,777 7,1320 11,374 7,1320 11,374 4,818 58.2 22.4 40.8 215.4 98.2 25.7 3 11,7 14,9 13,7	Daily 10.5 1.1 1.1 1.8 1.5 1.1 1.1 1.1 1.1 1.5 1.5 1.5 1.1 1.1	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -1.2 -2 -3.3 -0.4 -2.1 -1.7 -0.5 -0.3 -0.7 -0.5 -0.7 -0.5 -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 -0.7 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8	-2 -6 -4 -1 -1 -1 -1 -3 -3 -5 0 0 0 -2 -3 -3 -6 -6 -1 1 2 Monthly -9 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 46 41 3 8 4 4 2 4 1 3 5 5 4 4 4 4 5 5 12 20 9 1 1 6 6 2 5 5 2 6 6 11 7 7 9 5 9 2 2
Stoc  Brain Indices  SAPS00  Down Jones  FFSE 100  EaroStock 50  EaroSto	k mn/kts to level level   leve	Daily -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -1.2 -1.3 -0.4 -0.8 -0.4 -2.1 -1.1 -0.7 -2.9 -0.3 -2.8 -0.7 -2.9 -1.5 -0.3 -2.8 -0.7 -1.1 -1.1 -1.1 -1.1 -1.1 -1.1 -1.1 -1	-2 -6 -4 -1 -1 -1 -3 -5 -0 -0 -2 -3 -6 -1 1 -2 2 Monthly 9 -6 -4 -4 -10 -9 -12 -5 -5 -7 -7	3 3 46 -1 1 3 8 4 4 2 -1 1 3 5 5 4 4 4 5 5 12 20 9 1 6 7 10 6 -2 2 -5 -2 -6 -1 1 -7 -9 5 -9 -2 -6 6 -1 1 -7 -9 5 -9 -9 -2 -6 6 -1 1 -7 -9 5 -9 -9 -2 -6 6 -1 1 -7 -9 5 -9 -9 -2 -6 6 -1 1 -7 -9 5 -9 -9 -2 -6 6 -1 1 -7 -9 5 -9 -9 -2 -6 6 -1 1 -7 -9 5 -9 -9 -2 -6 6 -1 1 -7 -9 5 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9
Stoc  Marianization State 500 Down Jones Nikke TISE 100 Exarositous 50 BEX DAN MISS BEX DAN MISS BEX DAN MISS BEX MISS B	k markets 0 level 2.337 20.480 7.148	Daily 1.6 1.4 1.7 1.8 1.5 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	-0.8	2 6 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 4 6 11 3 8 8 4 2 11 3 5 5 4 4 5 5 20 9 1 6 6 2 2 5 2 6 6 11 7 9 9 2 2 6 6 11 8 8
Stoc  18-in-in-dices  18-dis-in-dices  1	k minkets 05 level 2,337 20,480 20,480 10,265 4,990 11,200 4,990 4,990 4,990 4,990 4,990 4,990 4,990 4,990 4,990 4,990 4,990 11,200 4,990 4,990 4,990 4,990 11,100	Daily 0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.6	- 0.8	2 6 4 1 1 0 0 1 1 1 3 5 0 0 0 0 2 3 6 6 1 0 0 1 1 2 2 0 1 1 1 0 0 0 1 1 2 1 1 1 1	3 3 6 1 3 8 8 4 2 1 1 3 5 5 4 4 4 4 5 5 1 2 2 0 9 9 1 6 6 7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
Maria Indicas SAR-PSO Down James Naked TIPSE 100 Eurosibus 50 BBX Eurosibus 50 BBX EX	k markets of level level 2,337 20,480 4990 4990 4990 4990 4990 4990 4990 4	Daily 0.5 0.8 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	0.8 3.0 1.7 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.5	2 6 4 1 1 0 1 1 3 5 0 0 0 0 2 3 6 1 0 0 1 2 2 Monthly 9 6 4 1 10 9 1 12 6 5 5 7 7 5 4 9 12 8 5 8	3
Stock  Sacination Cos  Sacinat	k markets of level [198]	Daily 0.5 0.8 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	0.8 3.0 1.7 1.5 1.1 1.5 1.5 1.1 1.5 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.1	2 6 4 1 1 0 1 1 3 5 0 0 0 0 2 3 6 1 1 0 1 1 2 2 Monthly 9 6 4 1 10 6 5 5 5 7 7 5 4 9 1 2 8 8 5 8 1 10 10 10	3
Stoc  Stocker  Stocke	k markets of level [198]	Daily 0.5 0.8 0.8 0.3 0.3 0.3 0.5 0.5 0.9 0.9 0.9 0.8 0.9 0.9 0.8 0.2 0.9 0.9 0.8 0.2 0.9 0.9 0.8 0.6 0.9 0.9 0.8 0.6 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.8 3.0 1.8 3.0 1.7 1.5 1.1 1.5 1.5	2 6 4 1 1 1 1 3 3 5 0 0 0 2 3 6 1 1 0 4 4 1 1 1 2 5 5 7 7 5 4 4 8 5 8 1 10 4 3 3 1 10 1 10 1 10 1 10 1 10 1 1	3
Marchitectus  546/900  Down Jones  Nikele  FFSE 100  Eurodisous 50  BEX  ASE Alberts  MSG Latter  MSG	k markets of level   l	Daily -0.5 -0.8 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2	0.8 3.0 1.8 3.0 1.7 1.5 1.7 1.5 1.1 1.2 2.3 3.3 1.2 1.1 1.1 1.2 1.2 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	2 6 4 1 1 0 1 1 1 3 5 0 0 0 2 3 6 6 1 1 0 0 1 1 2 2 Monthly 9 6 4 1 1 0 5 5 5 7 7 5 4 9 1 1 2 8 8 8 1 1 0 1 1 4 3 3 4 4	3 3 6 6 1 1 3 8 4 4 2 1 1 3 5 5 4 4 4 5 5 112 5 20 9 1 1 6 6 2 2 5 2 6 6 111 7 7 9 5 5 9 2 2 6 6 111 8 7 7 7 4 4 12 4 6 6 7 7 5
Stock  St	k markets of level [198]	Daily 0.5 0.8 0.3 0.3 0.3 0.5 0.6 0.9 0.6 0.9 0.0 0.8 0.2 0.4 0.9 0.0 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.0 0.0 0.8 0.8 0.2 0.8 0.2 0.8 0.0 0.0 0.8 0.8 0.2 0.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.8 3.0 1.8 3.0 1.7 1.5 1.7 1.5 1.1 1.2 2.9 1.5 1.1 1.0 7.9 1.5 1.1 1.1 1.2 1.2 1.2 1.3 1.3 1.4 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	2 6 4 1 0 1 1 1 3 3 5 0 0 0 0 2 2 3 6 6 1 0 1 2 2 Moortly 9 6 4 1 10 9 1 2 2 8 8 1 1 2 2 8 8 1 1 2 2 8 8 1 1 2 3 4 4 5 5 5	3 3 6 1 3 8 4 4 2 -1 1 3 5 4 4 4 5 5 12 20 9 1 6 6 2 5 5 2 6 6 11 1 8 7 7 9 9 2 4 6 6 7 7 7 9 1 1 8 6 7 7 7 4 1 1 2 4 4 6 6 7 7 5 5 4 1 1 1 3 1 3
Main indices  SAPS00  SAPS00  SAPS00  SAPS00  Earosticus So  BEX  BEX  Look  BEX  Look  BEX  Look  BEX  BEX  BEX  BEX  BEX  BEX  BEX  BE	k markets of Pevel	Daily 0.5 0.8 0.3 0.3 0.9 1.4 0.5 0.5 0.8 0.2 1.2 1.4 1.4 1.4 1.7 1.8 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	0.8 3.0 1.8 3.0 1.7 1.5 1.7 1.5 1.1 1.2 2.8 1.2 2.3 1.2 2.3 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 3.3	2 6 4 1 0 1 1 1 3 5 5 0 0 0 2 3 6 6 1 0 7 1 1 2 2 6 6 4 4 9 1 1 2 6 5 5 7 7 5 4 9 1 1 2 8 8 8 1 1 0 4 3 3 4 5 5	3
Maria Indicas Sacraticas Sacratic	k marketa të hevel  2.4373 20.480 20.480 20.480 3.410 10.265 112.000 119.443 3.410 10.265 112.000 119.443 3.410 119.443 3.410 119.443 3.410 119.443 117.748 118.74	Daily 0.5 0.8 0.3 0.3 0.3 0.9 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.8 3.0 1.8 3.0 1.7 1.5 1.7 1.5 1.1 1.2 2.8 2.8 2.7 1.5 2.2 3.5 2.6 4.6 3.3 3.2 2.3 3.2 2.3 3.2 2.1 2.4 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4	2 6 4 1 0 1 1 1 3 5 0 0 0 0 2 3 3 6 1 1 1 2 2 1 2 4 9 6 4 4 1 1 2 2 1 2 4 8 5 5 4 4 9 9 1 1 2 2 8 8 5 8 8 1 1 0 1 4 3 3 4 4 5 5 5 3 3 1 5 3 3	3 3 6 1 3 8 4 4 2 1 1 3 5 1 4 4 4 5 5 1 2 2 0 9 1 1 6 2 2 5 2 6 6 1 1 7 7 7 7 4 4 1 2 4 6 6 7 7 5 5 4 1 1 3 3 4 1 6 6 4 1 6 6 6 6 6 6 6 6 6 6 6 6 6 6
Maria Indicas Sacraticas Sacratic	k makta te kender kende	Daily 0.5 0.8 0.3 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.8 3.0 1.1 1.1 1.1 1.2 1.2 1.1 1.1 1.2 1.2 1.1 1.1	2 6 4 1 0 1 1 3 3 5 0 0 0 0 2 2 3 6 6 1 0 1 2 Monthly 9 6 4 1 10 9 1 2 8 8 1 1 2 8 8 1 1 2 5 5 5 7 7 5 5 4 9 1 2 5 5 5 7 7 5 5 4 9 1 2 5 5 5 7 7 5 5 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 6 1 3 3 8 4 4 2 1 1 3 3 5 4 4 4 5 5 12 20 9 1 6 6 2 2 6 6 11 1 8 7 7 4 1 2 4 6 6 7 7 5 5 4 13 344 16
Marinination  Ma	k marketa (c. levert)	Daily -0.5 -0.8 -0.8 -0.2 -0.5 -0.6 -0.9 -0.8 -0.6 -0.9 -0.8 -0.6 -0.9 -0.8 -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 -0.6 -0.7 -0.7 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6	0.8 3.0 1.1.7 1.5 1.1.1 1.2.2 1.3.3 0.4 1.5 1.1.1 1.1.1 1.2.2 1.2.1 1.1.	2 6 4 1 0 1 1 1 3 5 0 0 0 0 2 3 6 1 1 0 1 1 2 2 1 2 6 4 4 1 1 2 2 6 5 5 7 7 5 4 9 1 1 2 8 5 5 8 1 1 0 1 1 2 8 5 5 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 6 1 3 8 4 4 2 1 1 3 5 5 1 2 0 9 1 1 6 6 7 7 4 4 1 2 4 6 6 7 7 5 4 4 1 3 3 4 1 3 3 4 1 1 6 6 4 2 2 Year
Stock  Stor 200	k maketa to kewel	0.8 0.8 0.8 0.8 0.8 0.9 0.9 0.0 0.1 1.6 0.6 0.1 0.6 0.6 0.1 0.7 v depression 0.7 v depressi	0.8 3.0 1.1.7 1.5.5 1.1.1 1.2.2 1.3.3 1.3.3 1.2.1 1.5.	2 6 4 1 1 0 1 1 1 1 3 5 0 0 0 0 0 2 2 3 3 6 6 1 1 0 0 1 1 2 2 1 1 2 6 4 1 1 1 0 9 9 1 1 2 1 2 6 4 1 1 0 1 1 1 2 1 1 2 6 5 5 5 7 7 5 5 4 9 1 1 1 0 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1	3 3 6 1 3 8 4 4 2 2 1 1 3 3 8 5 1 2 2 0 9 1 1 6 6 7 1 7 9 9 2 2 6 6 1 1 1 7 7 4 1 2 4 6 6 7 7 5 4 1 3 3 3 4 4 6 2 2 4 4 7 2 2 4 4 6 7 7 5 5 4 1 1 3 3 4 4 6 7 7 5 5 4 1 1 3 3 4 4 6 7 7 5 5 4 7 7 7 7 8 7 8 7 8 7 7 7 8 7 8 7 8 7 7 7 8 7 8 7 8 7 7 7 8 7 8 7 8 7 8 7 7 7 8 7 8 7 8 7 7 7 8 7
Maria incirca se   548-550  Down Jones  100 Jan	k mukete to level 2   1   2   2   2   2   2   2   2   2	Daily 0.5 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.8 0.0 0.9 0.9 0.9 0.9 0.8 0.0 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.88 3.00 1.18 3.00 1.17 1.15 1.17 1.15 1.17 1.15 1.17 1.17	2	3 3 6 6 1 3 8 8 4 2 2 1 3 3 5 5 1 2 5 5 2 6 6 6 1 1 1 7 7 7 9 9 2 2 6 6 6 1 1 1 8 7 7 7 7 4 4 6 6 7 7 5 5 4 1 1 3 3 4 4 1 6 6 7 7 5 5 4 4 1 1 3 3 4 4 2 2 4 8 8
Marinimical sea   Sade 500   Deve John Share   Marinimical sea   Sade 500   Deve John Share   Marinimical sea   Marinimi	k muktos to loved 1. 1	0.hy 0.5 0.hy 0.5 0.hy 0.5 0.hy 0.5 0.hy 0.5 0.h	0.88 3.00 1.18 3.00 1.17 1.15 1.17 1.15 1.11 1.12 1.13 1.33 1.34 1.07 1.15 1.03 1.28 1.00 1.15 1.15 1.28 1.00 1.15 1.15 1.28 1.00 1.15 1.16 1.16 1.17 1.18 1.18 1.18 1.18 1.18 1.18 1.18	-2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 4 4 5 2 1 1 3 3 8 8 4 4 5 2 1 1 3 3 8 8 4 4 5 1 2 1 1 5 1 2 1 1 5 1 2 1 1 5 1 2 1 1 1 1
Maria Indicate  Selection  Maria Indicate  Selection  Maria Indicate  Maria In	k mutet)	Daily 0.5   0.5   0.5   0.5   0.6   0.7   0.9   1.6   0.9   1.6   0.9   1.7   0.9   1.7   0.9   1.8   0.0   0.8   0.2   0.8   0.2   0.8   0.2   0.8   0.2   0.8   0.2   0.8   0.1   1.4   1.4   1.4   1.5   1.1	0.88 3.0 1.1.2 1.1.7 1.5.5 1.1.2 1.2.2 1.1.2 1.1.1 1.1	2 - 2 - 6 - 4 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	3 3 4 4 4 5 12 15 16 16 17 17 17 17 17 17 17 17 17 17 17 17 17
Maria Indicas  444-950  Down Jones  Address  Add	k muket?	0.15 0.15 0.15 0.15 0.15 0.15 0.16 0.17 0.17 0.19 0.18 0.17 0.19 0.18 0.19 0.19 0.19 0.19 0.19 0.19 0.19 0.19	0.8 1.8 3.0 1.17 1.17 1.17 1.17 1.17 1.17 1.17 1.	2	3 3 4 4 4 5 12 15 16 16 17 17 17 17 17 17 17 17 17 17 17 17 17
MSCI Design of the Control of the Co	k muketa to lovel 1	0.19 0.5 0.6 0.1 0.6 0.1 0.6 0.1 0.6 0.1 0.6 0.1 0.6 0.1 0.6 0.1 0.5 0.1 0.6 0.1 0.5 0.1 0.1 0.5 0.1 0.1 0.5 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.8 3.0 1.1.1 1.1.	2 - 2 - 6 - 4 - 1 - 1 - 1 - 1 - 1 - 3 - 3 - 5 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	3 3 4 4 5 12 15 5 4 4 5 12 10 6 6 7 7 9 5 5 4 13 3 3 4 6 6 7 7 5 4 13 3 3 4 6 6 7 7 5 4 13 3 4 6 7 7 5 4 13 3 4 6 7 7 5 4 13 3 4 6 7 7 5 4 13 3 4 6 7 7 5 5 4 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7
MAST LINE CONTROL OF THE CONTROL OF	k mutet2   100   1	0.10	0.8 d. 3.0 d. 4.1.7 d. 5.1.7 d	2	3 3 4 4 2 1 3 5 1 1 2 2 1 1 5 5 1 1 2 2 2 2 4 1 1 3 1 3 1 4 1 1 4 1 1 1 1 1 1 1 1 1
Stock  St	k muketa to lovel 1	0.15 0.15 0.15 0.15 0.15 0.15 0.15 0.15	0.8	2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 4 4 2 1 3 5 4 4 4 5 5 2 6 6 111 7 7 7 4 12 4 6 6 7 7 7 5 4 13 3 3 4 16 4 2 2 4 8 3 3 3 4 4 2 2 4 8 8 3 3 4 4 4 8 8
Stock  SAS-590  Down Jones  SAS-590  Down Jones  SAS-590  Down Jones  SAS-590  Barry Jones  Barry Jones  SAS-590  Barry Jones  Barry Jones  SAS-690  BAS ASS ASS ASS ASS ASS ASS ASS ASS ASS	k mukto to love to lov	0.15	0.8	2	3 3 4 4 2 1 3 5 4 4 4 5 5 7 7 7 7 4 4 6 6 7 7 7 7 4 4 6 6 4 2 2 2 4 8 3 3 4 4 1 1 4 6 8 5 7 7 8 4 8 8 5 7 7 8 9 8 9 8 9 8 9 8 9 9 9 9 9 9 9 9 9
Maria Maria  Sate 500  Down James  Nation  This E 100  Eurositous 50  BEX  Eurositous 50  BEX  ASS Atheris  MAGI Latama  M	k unktež 2 2017 2017 2017 2017 2017 2017 2017 201	0.19 0.10 0.10 0.10 0.10 0.10 0.10 0.10	0.8	2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 4 4 5 4 4 5 4 4 5 5 4 4 4 5 5 5 4 4 5 7 7 7 4 4 6 6 7 7 7 7 4 4 6 6 7 7 7 7 4 4 6 6 7 7 7 7
Stock  Marithmicros  Sada-500  Dover Jonne  Note of the control of	k muketa to lover 1	0.19 0.19 0.19 0.19 0.19 0.19 0.19 0.19	-0.8   -0	2	3 3 4 4 5 5 7 7 7 7 7 7 7 4 4 4 6 7 7 5 4 4 3 3 4 4 4 8 8 5 5 7 3 3 4 4 4 8 8 5 5 7 7 3 3 3 4 4 4 8 8 5 5 7 7 3 3 3 4 4 5 5 5 7 3 3 3 4 5 5 7 7 3 3 3 4 5 5 7 7 3 3 3 4 5 5 7 7 3 3 3 4 5 5 7 7 3 3 3 4 5 5 7 7 3 3 3 5 5 7 7 3 3 3 5 7 7 7 7 7
MSCI Design of the Control of the Co	k muktot to level 2.	0.15 0.08 0.3 0.25 0.8 0.8 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.8 3.30.3 1.8 3.30.3 1.9 3.1 1.5 5.1	2 6 4 1 1 1 3 5 5 0 0 0 2 3 6 6 1 1 2 2 7 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 4 4 2 1 3 5 4 4 4 5 5 7 7 7 4 4 6 6 7 7 7 7 4 4 8 3 3 4 4 1 4 8 3 3 4 4 1 4 8 3 4 4 1 4 8 3 4 4 1 4 8 3 4 4 1 4 8
MSCI Design of the Control of the Co	k mutet)    100	0.10 0.5 0.5 0.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-0.8   -0	2	3
Stock  St	k mukto to keep to kee	0.10 0.5 0.5 0.6 0.6 0.1 0.7 0.5 0.6 0.6 0.1 0.7 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-0.8   -0	2	3
James Stock  James	k maketa to lower	0.10 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0-8	2	3   6   6   7   7   7   7   7   7   7   7
Maria Indicate  Add-1900	k muketi C    Institute	0.10 0.5 0.5 0.8 0.6 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	-0.8	2	3   3   6   6   7   7   7   7   7   7   7   7
Stock  St	k maketa to leave to the control of	Doubly   Color   Col	-0.8   -0	2	3   3   6   6   7   7   7   7   7   7   7   7
Social Services  SAS-PSD  Down Jones  SAS-PSD  Down Jones  Nikole  TESE 100  Eurositous 50  BEX  SAS AMERIS  SAS A	k market 2 2-237 2	0.19 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0-88 3-18 3-18 3-18 3-18 3-18 3-18 3-18 3	2 6 4 1 1 1 3 5 5 1 1 2 Monthly 0-4 1 1 5 5 5 1 3 0 3 3 0 3 3 0 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	3   3   4   4   5   7   7   7   7   7   7   7   7   7





Debt markets	(10X 9/ ·	anges in t	(A)		
Developed Markets US (2-yr)	1.16	Daily -4.1	Week	Month -15	YTD -5
US GER (2-yr)	2.18 -0.86	-6.7 -0.2	-7.3 -11.4 -1.4 -4.8	-32 -9	-26 -9
Germany France	0.16 0.89	-3.1 -2.4	-7.0	-28 -22	-12 8
Spain Italy	1.67 2.26	-3.7 -5.6	2.6 -2.0	-21 -10	16 39
Portugal Greece	3.82 6.79	-6.7 11.9	-3.6 6.9	-75 -61	-36 -10
Japan (2-yr) Japan Emercing Markets	-0.22 0.01	-1.3 -2.7 Dally	0.4 -6.5 Weekly	-6 Monthly	-3 -6 YTD
Brazil Chile	10.05	-4.3 -0.1	2.5 -3.4	-18 -42	-136 -42
Colombia Mexico	6.57 7.12	-5.0 -3.1	-5.4 -10.1	-27 -13	-52 -51
Peru Poland	5.79	0.2	-5.1 -7.6	-16 -37	-68 -35
Russia Turkey	8.09 10.66	-4.1 3.7 8.0	-3.0 -3.0	-5 -4	-36 -34
India Indonesia	6.86 7.06	1.7	5.4 -2.7	0 -17	48 -78
Country ris	k (bp. chang	es in bp) Daily	Weekly	Monthly	YTD
10-yr sovereign spread vs Germany France	74	0.7	-2.2	6	20
Italy Portugal	211 366	-2.5 -3.6	2.8	18 -19	51
Spain 2-yr so vereign spread vs Germany	151	-0.6	7.4	7	36
France Italy	54 82	0.7	-0.5 0.1	22 4	44 21
Portugal Spain	127	0.9	2.4	-82 2	-20 17
Emerging Markets 5-vr sovereign CDS*	level	Daily	Weekly	Monthly	YTD
Brazil	222	-1	4	8	-50
Chile Colombia	78 135 129	1	5 5 3	6 3 -3	-4 -28
Mexico Peru	104	2	4	7	-27 -4
Venezuela Poland	3,464 69 167	-25 0	-113 0	37 5	-441 -7
Russia Turkey	231	1	-5 -3	8	-9 -41
China India	88 99	0	5 1 7	7	-29 -28
Indonesia Ris	137 k indicators	0	/	14	-19
Volatilty indicators (%) VIX	level 15	Daily 4.8	Weekly 2	Monthly 36	YTD 4
VSTOXX EM EFT volatility Index	26 21	9.4 3.1	12 7	129 50	9
Dollar/euro volatility EM FX volatility index	13 9	-2.9 -1.0	3	91 4	26 -17
Credit spread (BAA) (bps) US bonds volatility index	237 71	6.7	10	8	10 -7
Banking 5y CDS (bps) *	level 63	Daily 0.3	Weekly	Monthly 3	YTD -9
EZ UK	63 116 81	0.3 0.2 0.1	4	13 10	.9 8 .9
Large Spanish Medium Spanish	107 165	0.2	4	-1 9	-10 13
Corporate 5y CDS (typs) *		Daily	Weekly	Monthly	YTD
US Non-financial EZ Non-financial	153 102	0.3	4	3 13	-9 8
UK Non-financial Interbank ma	123 rkets (%, cha		2	12	-2
EONIA Index	-0.36	Daily 0.00	Weekly 0.0	Monthly 0.0	0.0
Euribor 3m Euribor 12m	-0.33 -0.12	0.00	0.0	0.0	0.0
Libor 3m Libor 12m	1.16 1.77	0.00	0.0	0.0	0.2
EZ TED spread 3m	47.2 k markets (	0.00	3.4	-11.3	-19.2
	A HEIROLS (				
Main indices	level	Daily	Weekly	Monthly	YTD
	2,337 20,480	Daily -0.5 -0.8	Weekly -0.7 -0.8	Monthly -2 -2	YTD 3 3
Main indices S&P500 Dow Jones Nikkel FTSE 100	20,480 18,419 7,148	-0.5 -0.8 0.3 -2.5	-0.8 -1.8 -3.0	-2 -6 -4	3 -6 -1
Main indices S&P500 Dow Jones Nikkei	20,480 18,419 7,148 3,410	-0.5 -0.8 0.3 -2.5 -1.1	-0.8 -1.8 -3.0 -1.7	-2 -6 -4 -1	3 -6 -1 3
Main Indices S&P500 Dow Jones Nikkei FTSE 100 EuroStoxx 50	20,480 18,419 7,148	-0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9	-0.8 -1.8 -3.0	-2 -6 -4	3 -6 -1
Main indices SAP900 Dow Jones Nikod FTSE 100 EuroStoxx 50 IBEX DAX CAC MIB ASE Athens	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1	-2 -6 -4 -1 0 -1 -1 -3	3 -6 -1 3 8 4 2 -1 3
Halalandes SAPS00 Down Jones Nikota Nikota Nikota Nikota DO EuroStox SO BEX DAX CAC CAC MBB ASE Athers MBCI Latam*	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8	-2 -6 -4 -1 0 -1 -1 -3 5	3 -6 -1 3 8 4 2 -1 3 5
Main indices SAP900 Dow Jones Nikod FTSE 100 EuroStoxx 50 IBEX DAX CAC MIB ASE Athens	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 -1.4 -0.3 -0.9	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1	-2 -6 -4 -1 0 -1 -1 -3 5 0 0	3 -6 -1 3 8 4 2 -1 3
Mail micro SAPP00 Down Jones Down Jones Notes ETSE 100 ExeroStor 50 IBEX DAX CAC MSQ JAMES MSQ Listum* Iboverpa (Biczib) MSQ Listum* MSQ Listum* MSQ Listum Listupos* MSQ Listum Listupos*	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 -1.4 -0.3 -0.9 -0.8 -0.2	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 -0.7	-2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 2 -1 1 3
Mail micro SAPP00 Down Jones Down Jones Notes ETSE 100 ExeroStor 50 IBEX DAX CAC MSQ JAMES MSQ Listum* Iboverpa (Biczib) MSQ Listum* MSQ Listum* MSQ Listum Listupos* MSQ Listum Listupos*	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 4,579 4,777 2,237 1,920 91,374	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 -0.2 -1.2 0.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 0.7 -2.9 0.5	-2 -6 -4 -1 0 -1 -1 -3 -5 0 0 0 -2 -3 -6 1	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20
Missi micro SSEPDO Dow Jones Notes FTSE 100 Exercision 50 IEEX AXX AXX AXX AXX AXX AXX AXX AXX AXX	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 7,671 3,197	-0.5 -0.8 -0.8 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 -0.2 -1.2 0.8 -0.9	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3 -2.8	-2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3 -6 1 0 -1	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9
Mail micro SAEPDO Dow Jones Notes FTSE 100 Exercisors 50 IEEX DOX CAC CAC CAC CAC MICRO MSC Latam * Ibbovepa (Illiad) Mobic Model Mo	20,480 18,419 7,148 3,410 10,265 12,000 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 level	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2 0.8 0.0 -0.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 -0.7 -2.9 -0.5 -0.3 -2.8 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	-2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3 -6 1 0 0 -1 2	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9
Mail micro SAEPDO Dow Jones Notes FTSE 100 Exercisors 50 IBEX DOX CACAC CACAC MISC MSC JACAC MSC	20,480 18,419 7,148 3,410 10,265 12,000 19,443 677 76,714 64,128 48,579 91,374 760 3,197 5,607 level 112,3 84,8	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.2 -1.2 0.8 -0.2 -0.9 -0.8 -0.2 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 -0.7 -2.9 -0.5 -0.3 -0.7 Weekly -2.8 -1.0	-2 -6 -4 -1 0 -1 -3 5 0 0 0 -2 -3 -6 1 0 -1 2 Monthly -9 -6	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9 1 6 YTD
Main micro SAPPOD Dow Jones Noted FTSE 100  ETSE 100  ACAC MIB ACAC MIB MICROS ACAC MIB MICROS ACAC MIB MICROS ACAC MIB MICROS ACAC MICRO ACAC MICROS ACAC MICRO ACAC MICRO ACAC MICROS ACAC MICROS ACAC MICRO ACAC MICRO ACAC MICROS ACAC	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 464,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 level 112,3 84,8 58,2 22,4	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 -1.4 -0.3 -0.9 -0.8 -0.2 -1.2 -0.8 -0.0 -0.8 -0.2 -1.2 -1.2 -1.4 -1.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -2.1 -1.1 -0.7 -2.9 -0.5 -0.3 -2.8 -0.7	-2 -6 -4 -1 0 0 -1 -1 -3 5 0 0 0 -2 -3 -6 1 0 -1 2 2 Monthly -9 -6 -4 -10	3 3 -6 -1 3 8 4 4 2 -1 3 5 4 4 4 -5 12 -15 20 9 1 6 -2 -5 -2
Main Indices SeP900 Dow Jones Notes FTSE 100 Exercision S 0 BOX BOX GAC GAC MIB ASA Thress MSC Laters MSC Late	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 4,777 2,237 1,920 91,374 760 3,197 5,607 12,23 112,3 84,8 58,2 22,4 40,8 215,4	-0.5 -0.8 -0.8 -0.9 -1.0 -0.9 -1.7 -0.9 -1.7 -0.9 -1.2 -0.3 -0.9 -0.2 -1.2 -0.8 -0.2 -1.2 -0.8 -0.2 -1.2 -1.3 -0.6 -0.9 -1.1 -0.6 -0.9 -1.1 -0.6 -0.9 -1.1 -0.6 -0.9 -1.1 -0.3 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -2.1 -1.1 -0.7 -2.9 -0.3 -2.8 -0.7 -2.8 -1.7 -1.5 -2.2 -1.5 -2.2 -1.5 -2.2 -1.5	-2 -6 -4 -1 0 0 -1 -3 5 0 0 0 -2 -3 -6 1 0 0 -1 2 Monthly -9 -6 -4	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -9 1 6 -7 -1 9 1 6 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7
Main meters SSP590 Dow Jones Notes FTSE 100 Execution S 0 BDX	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 760 3,197 5,607 level 112,3 84,8 84,8 94,9 10,000 19,443 60,443 60	0.5 -0.8 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 -1.2 -0.3 -0.9 -0.2 -1.2 -0.2 -1.2 -0.3 -0.2 -1.2 -0.3 -0.2 -1.2 -0.3 -0.3 -0.4 -0.5 -	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3 -2.8 -0.7 -2.9 -0.3 -2.8 -1.5 -2.2 -1.5 -2.2 -1.5 -2.3 -3.3 -3.3 -3.3 -3.3 -3.3 -3.3 -3.3	-2 -6 -4 -1 0 1 -1 -1 -3 -5 0 0 0 -2 -3 -6 1 0 -1 2 Monthly 9 -6 -4 -1 0 9 -1 2 -6 -5 -5	3 3 6 -1 1 3 8 4 2 -1 3 5 4 4 -5 2 -1 5 20 9 1 6 -2 -5 -2 -6 -1 -7 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9
Mail meters SSPEPIO Dow Jones Notes FTSE 100 Exactions 50 BEX Exactions 50 BEX MIST AND MIST	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 level 112,3 84,8 58,2 22,4 40,8 215,4 98,2 215,4 98,2 11,4 98,2 11,4 98,2 11,4 98,2 11,4 98,2 11,4 98,2 11,4 98,2 11,4 98,2 11,4 98,2 11,4 11,4 11,4 11,4 11,4 11,4 11,4 11	0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.6 1.7 0.9 1.4 0.3 0.9 0.8 0.2 0.8 0.2 0.8 0.2 1.1 1.4 1.4 1.5 1.6 1.7 1.7 1.9 1.6 1.7 1.7 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -1.2 -1.3 -0.4 -0.8 -0.4 -2.1 -1.1 -0.7 -2.9 -0.3 -2.8 -0.7 -0.5 -0.7 -0.9 -1.5 -0.3 -1.1 -1.1 -1.1 -1.1 -1.1 -1.1 -1.1 -1	-2 -6 -4 -1 -1 -1 -3 -5 -5 -7 -7 -9 -6 -5 -5 -7 -7 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 6 -1 3 8 4 2 -1 3 5 5 4 4 4 5 5 20 9 1 6 6 YTD 6 6 2 5 2 6 6 -1 17 7 9 5 5 9
Main Indices SAPPOD Dow Jones Notes FTSE 100 Exercision S0 IEEX DOW JONES IEEX DOW JONES IEEX DOW JONES IEEX DOW JONES MISS MSC Latters MS	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 10,20 112,3 84,8 58,2 22,4 40,8 21,7 91,37 11,7 11,7 11,7 11,7 11,7 11,7 11,7	0.5 0.8 0.8 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.2 0.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -1.2 -1.3 -0.4 -0.8 -0.4 -2.1 -1.1 -0.7 -2.9 -0.3 -2.8 -0.7 -2.9 -1.5 -0.3 -2.8 -0.7 -1.1 -1.1 -1.1 -1.1 -1.1 -1.1 -1.1 -1	-2 -6 -4 -1 -1 -1 -1 -3 -5 -5 -7 -5 -4 -4	3 3 6 -1 3 8 4 2 -1 3 5 5 4 4 4 -5 5 20 9 1 6 6 YTD 6 -2 -5 -2 -6 6 -1 1 7 -9 -2 -2 -6 -6 -6
Main indicas SeP900 Dow Jones Noted FTSE 100 Caredono 50 CAC MIB Marcedono 50 MIB Model MO	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 12,24 40,8 22,4 40,8 22,4 40,8 21,7 91,37 11,7 11,7 11,7 11,7 11,7 11,7 11,7	0.5 0.8 0.3 0.2 0.5 0.9 0.9 0.9 0.9 0.2 0.2 0.2 0.2 0.2 0.2 0.4 0.2 0.5 0.9 0.4 0.4 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	-0.8	2 6 4 4 -1 1 1 3 5 0 0 0 0 2 2 3 6 6 1 1 0 0 1 1 2 Monthly 9 6 4 4 1 1 0 9 5 5 5 7 7 5 5 4 4 9 9 -1 2 1 2	3 3 6 1 1 3 8 4 2 1 3 5 1 4 4 5 5 12 15 20 9 1 1 6 2 5 5 2 6 6 11 7 7 9 5 5 9 2 2 6 6 11 8
Main meters SeP900 Dow Jones Notes FTSE 100 FTSE 100 ACAC MIB ACAC MIB ACAC MIB ACAC MIB MIS ACAC MIS	20,480 118,419 7,148 13,410 10,265 12,000 10,403 677 76,774 48,579 677 76,774 48,579 13,197 760 112,3 848 92 22,24 40,8 92 22,24 40,8 92 23,117 114,114 114,11	0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.7 1.7 1.9 1.4 1.8 1.5 1.5 1.6 1.8 1.5 1.5 1.6 1.8 1.5 1.5 1.6 1.8 1.5 1.5 1.7 1.8 1.5 1.5 1.7 1.8 1.5 1.5 1.7 1.8 1.5 1.5 1.7 1.8 1.5 1.5 1.5 1.7 1.8 1.5 1.5 1.5 1.7 1.8 1.5 1.5 1.5 1.7 1.8 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	- 0.8	2 6 4 1 1 3 5 0 0 0 0 2 3 6 6 1 1 0 0 4 1 1 2 8 5 5 4 9 9 1 1 2 8 5 5 5 5	3 3 6 1 1 3 8 4 2 1 3 5 1 4 4 5 5 12 12 5 10 15 5 2 6 6 11 1 7 7 9 9 2 2 6 11 1 8 7 7 7 7 7
Main indices SeP900 Dow Jones Notes FTSE 100 Exercision S 0 BDD S	2.0.480 7.148 8.419 7.148 8.419 7.148 8.419 7.148 6.412 7.6714 6.4.128	0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.7 0.9 1.6 0.8 0.2 0.8 0.2 0.8 0.2 1.2 1.4 1.2 1.4 1.7 1.8 1.5 1.5 1.1 1.1 1.1 1.1 1.2 1.1 1.1 1.2 1.1 1.2 1.1 1.2 1.1 1.2 1.1 1.2 1.1 1.2 1.1 1.2 1.1 1.2 1.1 1.2 1.1 1.2 1.1 1.2 1.1 1.2 1.1 1.2 1.1 1.2 1.1 1.2 1.2	0.8 3.0 1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	2 6 4 1 1 0 1 1 1 2 3 5 0 0 0 0 2 3 3 6 1 1 0 1 1 2 2 1 2 6 6 5 5 7 7 5 4 9 9 1 1 2 8 8 1 1 2 8 8 1 1 2 8 8 1 1 0 1 1 2 8 8 1 1 0 1 1 2 1 2 8 8 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 4 6 1 3 8 8 4 2 1 1 3 5 5 4 4 5 5 12 10 5 6 6 2 5 5 2 6 6 11 1 7 7 9 9 2 6 6 11 1 8 7 7 7 4 12 12
Main meters SePS00 Dow Jones Notes FTSE 100 Executions 50 BDX	20.480 7.148 3.410 10.265 4.990 4.990 4.990 6.76,714 6.714 6.714 6.712 6.712 6.712 6.713 6.713 6.714 6.712 6.713 6.713 6.714 6.713 6.714 6.713 6.714 6.713 6.714 6	0-5   0-8   0-8   0-8   0-8   0-8   0-9   0-9   1-6   0-9   1-6   0-9   1-7   0-9   0-8   0-2   1-2   0-8   0-9   0-8   0-9   0-8   0-9   0-9   1-9	0.8 3.0 1.7 1.5 1.7 1.5 1.7 2.2 2.3 3.4 2.1 1.5 1.7 1.5 1.7 2.2 2.3 3.5 1.5 1.7 1.5 1.7 1.5 1.7 1.5 1.7 1.5 1.7 1.5 1.7 1.5 1.7 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	2 6 4 1 1 0 1 1 1 2 3 5 5 0 0 0 0 2 2 3 6 6 1 1 0 0 1 1 2 5 5 5 7 7 5 5 4 9 9 1 1 2 8 8 1 0 1 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1	3 3 4 6 1 3 8 8 4 2 1 1 3 5 5 4 4 5 5 12 20 9 9 1 6 6 2 5 5 2 6 6 11 1 7 7 9 9 2 6 6 11 1 8 7 7 7 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
Minimizers SSEPSIO Dow Jones Notes FTSE 100 Examples of State of S	20.480 7.148 7.148 7.148 7.148 7.148 7.149 7.149 7.149 7.149 7.149 7.149 7.141	0.5 0.8 0.3 0.3 0.5 0.5 0.6 0.9 0.9 0.8 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	0.8 3.0 1.8 3.0 1.7 1.5 1.7 1.5 1.1 1.2 2.3 3.3 1.2 1.1 1.1 1.2 1.2 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	2 6 4 1 0 1 1 3 3 5 0 0 0 0 2 2 3 6 6 1 0 0 1 1 2 Monthly 9 6 4 1 10 9 1 1 2 8 8 1 1 2 8 8 1 1 1 1 1 1 1 1 1 1	3 3 4 4 4 2 1 3 5 5 12 15 5 6 1 1 6 5 7 7 7 4 12 4 6 6 7 5 5
Main teres SeP900 Dow Jones Noted FTSE 100 GEORGES FTSE 100 GEORGES GEORGES DAX CAC MIST MISTER MIST	20.480 7.148 3.410 10.265 4.990 4.90	0.5 0.8 0.3 0.3 0.5 0.5 0.6 0.9 0.6 0.9 0.6 0.9 0.8 0.2 0.2 0.5 0.8 0.2 0.2 0.5 0.8 0.2 0.2 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.8 3.0 1.8 3.0 1.7 1.5 1.7 1.5 1.1 1.2 2.9 1.5 1.1 1.0 7.9 1.5 1.1 1.1 1.2 1.2 1.2 1.3 1.3 1.4 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	2 6 4 1 0 1 1 3 3 5 0 0 0 0 2 2 3 6 6 1 0 1 1 2 6 4 1 1 2 6 5 5 7 7 5 4 9 1 1 2 8 8 1 1 2 1 2 8 8 1 1 2 1 2 1 2 8 8 1 1 2 1 2	3 3 4 4 4 2 -1 3 5 5 12 15 5 20 9 1 1 6 6 11 7 7 9 9 -2 2 6 6 -1 11 8 8 7 7 -4 4 12 -4 6 6 7 5 5 4 13
Main indicas SeP900 Dow Jones Notes FTSE 100 ETSE 100 ETS	20.480 7.148 3.410 10.265 4.990 11.944 7.67,14 4.990 11.947 7.67,14 4.957 7.70,14 4.95	0.5	0.8 3.0 1.1 1.1 1.1 1.2 1.2 1.1 1.1 1.2 1.2 1.1 1.1	2 6 4 1 1 0 1 1 1 3 5 5 0 0 0 0 2 3 6 6 1 1 0 1 1 2 2 6 6 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 4 4 2 -1 3 3 5 4 4 4 5 5 12 20 9 1 6 6 2 2 6 6 -1 11 8 8 7 7 7 4 12 4 6 6 7 5 5 4 13 34 16 16
Maria micro SAPPOD Dow Jones Notes FTES 100  ETES 100  ACA  MIB  ACA  ACA  MIB  ACA  MIS  MIS  ACA  MIS  MIS  MIS  MIS  MIS  MIS  MIS  MI	20.480 18.419 7.148 3.410 10.260 40.490 40.4	0.5	0.8 1.8 3.0 1.1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.1.1 1.2 1.2 1.3 3.3 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	2 6 4 1 0 1 1 3 5 0 0 0 0 2 3 6 6 1 1 2 2 1 2 6 4 4 1 1 1 2 2 1 2 1 2 1 2 1 2 1 2 1 2 1	3 3 4 4 4 2 1 3 3 5 12 15 20 9 1 6 6 2 5 5 2 6 6 11 7 7 7 4 12 4 6 6 7 7 5 4 13 34 34 34 34
Main interes SeP900 Dow Jones Notes FTSE 100  ETSE 100  ACAC MIB ACAC ACAC MIB ACAC MIS ACAC	20.480 18.419 7.148 3.410 10.260 40.490 40.4	0.5	0.8 3.0 1.8 3.0 1.7 1.5 1.7 1.5 1.1 1.2 2.8 2.8 2.7 1.5 2.2 3.5 2.6 4.6 3.3 3.2 2.3 3.2 2.3 3.2 2.1 2.4 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4	2 6 4 1 0 1 1 3 5 0 0 0 0 2 3 6 6 1 1 0 1 1 2 2 1 2 6 6 1 1 1 1 2 2 1 2 6 6 1 1 1 2 1 2	3 3 4 4 1 2 1 1 3 3 5 1 2 2 1 1 3 3 5 1 2 2 1 1 3 3 5 1 2 2 1 1 5 2 2 1 1 5 2 2 1 1 5 2 2 1 1 5 2 2 1 1 5 2 2 1 1 1 1
Main indicas SePano Dow Jones Notes FTSE 100 Exercision S 0 EDITOR	20.480 18.419 7.148 18.419 7.148 19.20 19.443 6.19 19.	0.5	0.8 3.0 1.1.7 1.5.5 1.1.1 1.2.2 1.3.3 1.3.3 1.2.1 1.5.	2 6 4 1 1 0 1 1 1 1 3 5 0 0 0 0 0 2 2 3 3 6 6 4 1 1 0 0 1 1 1 1 2 2 1 1 2 6 4 1 1 1 2 6 5 5 5 7 7 5 5 4 9 9 1 1 0 1 0 1 4 4 3 1 4 4 5 5 5 3 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	3 3 4 4 5 12 15 5 4 4 5 12 15 5 6 6 11 7 7 7 4 12 16 6 7 7 7 7 4 13 3 34 6 6 4 2 2 4 4
Minimisers SeP900 Dow Jones Noted FTSE 100 GENERAL SEP	20.480 118.419 7.148 18.419 7.148 18.419 7.148 112.00 119.413 14.990 119.413 14.990 119.413 14.990 119.413 14.990 119.413 14.990 119.413 14.990 119.413 14.990 119.413 14.990 14.777 760 14.970 16.070	0-5   0-5   0-5   0-5   0-5   0-5   0-5   0-5   0-5   0-5   0-6   0-7	0.88 3.00 1.18 3.00 1.17 1.15 1.17 1.15 1.11 1.22 1.11 1.17 1.23 1.33 1.34 1.07 1.17 1.17 1.17 1.18 1.18 1.19 1.18 1.19 1.19 1.19 1.19	-2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 4 4 5 12 15 16 6 6 7 7 9 9 5 2 6 6 111 7 7 4 12 4 6 6 7 5 1 3 3 4 1 6 4 2 2 4 4 8
Main indicas SePago Dow Jones Notes FTSE 100  ETSE 100  ACAC MIB ACAC MIB ACAC MIB ACAC MIB ACAC MIB ACAC MIB MICHAEL	20.480 18.419 7.148 18.419 7.148 18.419 7.148 19.20 19.40 19	-0.5   -0	0.88 3.00 1.18 3.00 1.17 1.15 1.17 1.15 1.17 1.15 1.17 1.15 1.17 1.17	-2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 4 4 1 3 3 4 4 4 5 12 15 12 10 10 10 10 10 10 10 10 10 10 10 10 10
Maria micro SAPPOD Dow Jones Notes FTSE 100  ETSE 100  ACAC MIB ACAC ACAC MIB ACAC MICRO M	20.480 18.419 7.148 18.419 7.148 19.10 11.00 11.	-0.5   -0	0.8 3.0 1.1.1 1.1.	-2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 4 4 2 1 3 5 4 4 4 5 5 5 2 2 6 6 11 1 7 7 9 9 5 9 2 2 2 2 6 6 11 1 1 1 7 7 7 4 1 1 2 1 6 6 7 7 5 4 1 3 3 3 4 1 6 4 2 2 4 6 8 3 3 4 5 2 5 4 8 3 3 4 5 5 4 8 8 3 3 4 5 5 5 4 8 8 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
Main indicas SeP900 Dow Jones Notes FTSE 100 Exercision S 0 EXECUTION EXECUT	20.480 18.419 7.148 18.419 7.148 19.20 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.20 19.43 19.43 19.20 19.43 19.20 19.43 19.20 19.43 19.20 19.	-0.5   -0	0.8 3.0 1.1.0 1.1.1 1.1.	-2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 6 6 7 7 8 9 9 1 1 1 1 1 1 1 2 1 2 1 2 1 2 1 2 1 2
Maria micro SeP900 Dow Jones Notes FTSE 100 Executions 50 BDX BDX FTSE 100 BDX	20.480 10.005 118.419 7.148 10.005 119.433 110.105 119.433 119	-0.5   -0.6   -0	0.8 d. 3.0 d. 4.1.7 d. 5.1.7 d	-2 -6 -4 -1 -1 -3 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	3 3 4 4 2 1 3 5 5 4 4 4 5 5 20 9 9 1 1 6 2 6 6 7 7 9 9 2 6 6 1 1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Marin merces SeP800 Dow Jones Nokel FTSE 100 Carbox 59 CAC MIB BURNES DAV CAC MIB BURNES BOOK SEP BOOK	20.480 11.419 17.148 18.419 17.148 17.148 17.148 17.148 17.148 17.148 17.148 17.148 18.149 18.1499 18.	0.5 0.8 0.3 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	-0.8   -0	2	3
Maria micros SAPPOD Dow Jones Noted FTSE 100 Lace Jones A CAC MIB Maria Maria DAX CAC MIB Maria Maria Morbol MAG CRI Karepe* Peland Morbol MAG CRI Karepe* Morbol MAG CRI Karepe* Peland Morbol MAG CRI Karepe* Morbol MAG CRI Maria Sharepland Morbol Maria Maria Morbol Maria Morbol Maria Morbol Morb	20.480 118.419 7.148 18.419 7.148 18.419 7.148 17.148 17.148 17.148 17.149 17.148 17.149 18.18 18.	-0.5   -0.5   -0.5   -0.5   -0.5   -0.5   -0.6   -0	0.8	2	3 3 6 1 3 8 4 2 1 1 3 8 8 4 2 1 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5
Main and cres SeP 900 Dow Jonns Notes FTSE 100 FTSE 100 ACAC MIB A	20.480 18.419 7.148 18.419 7.148 18.419 7.148 19.20 19.40 19	-0.5   -0	-0.8   -0	2	3   3   6   1   3   3   6   1   3   3   6   1   3   3   6   1   3   3   5   4   4   5   7   1   5   5   6   6   6   1   7   7   7   7   7   7   7   7   7
Main decres SEP 900 Dow Jones Notes FTSE 100 FTSE 100 ACAC MIB ACA	20.480 18.419 7.148 18.419 7.148 19.20 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.20 19.43 19.20 19.43 19.20 19.43 19.20 19.43 19.20 19.43 19.20 19.	0.5   0.8   0.8   0.8   0.9   0.5	0.8 3.30.3 1.8 3.30.3 1.9 3.1 1.5 5.1	2	3 3 4 2 1 3 3 8 4 2 2 1 1 5 2 9 9 1 6 7 7 9 9 2 2 6 1 1 1 1 1 1 1 2 1 2 1 2 1 2 1 2 1
Main interes SePago Dow Jones Notes FTSE 100 BERGER FTSE 100 BERGER FTSE 100 BERGER BE	20.480 18.419 7.148 18.419 7.148 19.20 19.20 19.20 19.413 19.20 19.413 4.990 19.413 4.990 19.413 4.990 19.413 4.990 19.413 4.990 19.413 4.990 19.413 4.990 19.413 4.990 19.413 4.990 19.413 19.20 19.2	-0.5   -0	0-88 3-18 3-18 3-18 3-18 3-18 3-18 3-18 3	2 6 4 1 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 4 4 7 3 3 8 4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 1 1 2 1 2
Maria micros SePano Dow Jones Notes FTSE 100 Executions 50 BIDX FTSE 100 Executions 50 BIDX BIDX BIDX BIDX BIDX BIDX BIDX BIDX	20.480 18.419 7.148 18.419 7.148 19.205 19.433 19.4	0.5   0.5	0.8 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	-2	3
Marin interes  SeP900  Dow Jones  Niside  FTSE 100  Lack Control September S	20.480 18.419 7.148 18.419 7.148 18.20 19.20 19.40 19.	0.5 0.8 0.0 0.9 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	-0.8	2	3 3 4 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Maria micros SAPPOD Dow Jonos Notes FTSE 100  ETSE 100  ACA  MB  MCC  MC  MC  MC  MC  MC  MC  MC  M	20.480 118.419 7.148 18.419 7.148 18.419 7.148 18.219 119.219	0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.6	-0.8   -0	26 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 6 1 3 3 8 4 2 1 1 3 3 8 4 4 2 1 1 5 5 6 6 6 1 1 1 7 7 7 4 1 1 2 2 4 8 8 3 3 1 1 4 4 4 8 8 3 3 4 1 4 4 8 8 3 3 4 1 4 4 8 8 3 3 4 1 4 4 8 8 3 3 4 1 4 4 8 8 3 3 4 1 1 5 5 7 7 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Main indicas SePago Dow Jones Notes FTSE 100 BERT CANA FTSE 100 BERT CANA BE	20.480 18.419 7.148 18.419 7.148 19.20 19.40 19.	0.5 0.8 0.9 0.9 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0-88 3-18 3-18 3-18 3-18 3-18 3-18 3-18 3	2 6 4 1 1 1 3 5 5 1 1 2 Moorthly -0.4 1 3 3 6 6 1 1 2 7 7 5 4 9 9 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	3 3 4 4 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1





Debt markets Developed Markets US (2-yr)	( 10Y, %, ch level 1,16	anges in b Daily -4.1	Week	Month -15	YTD -5
GER (2-yr)	2.18 -0.86	-6.7 -0.2	-11.4	-32 -9	-26 -9
Germany France	0.16	-3.1 -2.4	-4.8 -7.0	-28 -22	-12 8
Spain Italy Portugal	1.67 2.26 3.82	-3.7 -5.6	2.6 -2.0 -3.6	-21 -10 -75	16 39 -36
Greece Japan (2-yr)	6.79	-6.7 11.9 -1.3	-3.6 6.9 0.4	-61 -4	-10 -3
Japan Emerging Markets	0.01 level	-1.3 -2.7 Daily	-6.5 Weekly	-6 Monthly	-6 YTD
Brazil Chile	10.05 3.91	-4.3 -0.1	2.5 -3.4	-18 -42	-136 -42
Colombia Mexico Peru	6.57 7.12 5.79	-5.0 -3.1 0.2	-5.4 -10.1 -5.1	-27 -13	-52 -51 -68
Peru Poland Russia	3.37 8.09	0.2 -4.1 3.7	-5.1 -7.6 -3.0	-16 -37 -5	-35 -36
Turkey India	10.66 6.86	8.0 1.7	-3.0 5.4 -2.7	-4 0	-34 48
Indonesia Country ris	7.06	-1.2 es in bp)		-17	-78
Developed Markets 10-yr so vereign spread vs Germany	level	Daily	Weekly	Monthly	YTD
France	74 211	0.7 -2.5	-2.2 2.8	6 18	20 51
Portugal Spain	366 151	-3.6 -0.6	1.2 7.4	-19 7	4 36
2-yr sovereign spread vs Germany France	54	0.7	-0.5	22	44
Italy Portugal Spoils	82 127 65	-2.5 0.9	0.1 2.4 -0.5	-82 2	21 -20 17
Spain Emerging Markets	level	-2.5 Daily	Weekly	Monthly	YTD
5-yr so vereign CDS * Brazil Chile	222 78	-1 2	4	8	-50 -4
Colombia Mexico	135 129	1	5	3	-4 -28 -27
Peru Venezuela	104 3,464	-25	4	7	-4 -441
Poland Russia	69	0	0	5	-7 -9
Turkey China	231 88	1 0	-3 5	8	-41 -29
India Indonesia	99 137	0	7	2 14	-28 -19
Ris Volatilty indicators (%)	k indicators level	Daily	Weekly	Monthly	YTD
VIX VST OXX	15 26	4.8 9.4	2 12	36 129	4 9
EM EFT volatility Index Dollar/euro volatility	21 13	3.1 -2.9	7	50 91	4 26
EM FX volatility index Credit spread (BAA) (bps)	9 237	-1.0 6.7	-2 10	8	-17 10
US bonds volatility index Banking 5 y CDS (bps) *	71 level	-4.7 Daily	1 Weekly	17 Monthly	-7 YTD
US EZ	63 116	0.3	1 4	3 13	-9 <b>8</b>
UK Large Spanish	81 107	0.1	4	10 -1	-9 -10
Medium Spanish Corporate 5y CDS (bps) *	165 level	0.3 Daily	-1 Weekly	9 Monthly	13 YTD
US Non-financial EZ Non-financial	153 102	0.3	4	13	-9 8
UK Non-financial Interbank ma	123 rkets (%, cha	0.0 inges in by		12	-2
EONIA Index	-0.36	Daily 0.00	Weekly 0.0	Monthly 0.0	9TD 0.0
Euribor 3m Euribor 12m	-0.33 -0.12	0.00	0.0	0.0	0.0
Libor 3m Libor 12m	1.16	0.00	0.0	0.0	0.2
EZTED spread 3m	47.2 k markets (	0.00	3.4	-11.3	-19.2
Main indices	level	Daily	Weekly	Monthly	YTD
Main indices S&P500 Dow Jones	2,337 20,480 18,419	-0.5 -0.8	-0.7 -0.8	-2 -2	3
Main indices S&P500 Dow Jones Nikkei FTSE 100	20,480 18,419 7,148	-0.5	-0.7 -0.8 -1.8 -3.0 -1.7	-2	3
Main indices S&P500 Dow Jones Nikkel FTSE 100 EuroStoxx 50 IBEX	20,480 18,419 7,148 3,410 10,265	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6	-0.7 -0.8 -1.8 -3.0 -1.7 -1.5	-2 -2 -6 -4 -1 0	3 -6 -1 3
Main Indices S&P500 Dow Jones Nikkei FTSE 100 EuroStoxx 50	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443	-0.5 -0.8 0.3 -2.5 -1.1	-0.7 -0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3	-2 -2 -6 -4 -1	3 -6 -1 3
Mohnteles SAPS00 Dow Jenes Nökel FFEET 00 Earthoux 50	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4	-0.7 -0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8	-2 -2 -6 -4 -1 0 -1 -1 -3 5	3 -6 -1 3 8 4 2 -1 3
Histories co SAPSID Down Jones Naked HISTORIES OF THE STORY OF T	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9	-0.7 -0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1	-2 -2 -6 -4 -1 0 -1 -1 -3 -5 0 0	3 -6 -1 3 8 4 2 -1 3 5
Manufaces SeeDig Dow Jones Notes FTSE 100 Exercision S0 BDX MISCA	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 -0.8	-0.7 -0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 -0.7	-2 -2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5
Intelligence Sep590 Dow Jones Notes FFSE 100 EuroStox 50 IBCX CAX CAX CAX CAX CAX MSCI Latam* Ibovepa (Biazō) Mocbol MocDol MocDol MocDol MocDol MocDol MocMocMocResopor Polard Misco (Greated to the Control of the Con	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 -0.8	0.7 -0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -2.1 -1.1 0.7 -2.9 0.5	-2 -2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3 -6 1	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20
Intelligence Sep590 Dow Jones Notes FTSE 100 EuroStox 50 IBCX OXX CAS IBCX OXX OXX OXX OXX OXX OXX OXX OXX OXX O	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 76,314 90,3197	-0.5 -0.8 -0.8 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 -0.2 -1.2 0.8 -0.2	0.7 0.8 1.8 3.0 1.7 1.5 1.1 2.2 3.3 0.4 0.8 0.4 2.1 1.1 0.7 2.9 0.5 0.3 0.3 0.4	-2 -2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3 -6 1 0	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9
Intelligence SASPS90 Dow Jones Notes FFSE 100 EuroStox 50 IBEX DAX CAC CAC CAC IBEX Downses MSG Latam * Ibevespa Illiazib Mocbol MocDol MocRosope Poland MSG EM Lerope * Poland MSG EM Lerope * NSG Bakalar Sharpsis Gordonesia Jakara Microesia Jakara Microesia	20,480 18,419 7,148 3,410 10,265 12,000 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2 0.8	-0.7 -0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3 -2.8 -0.7 Weekly	-2 -2 -2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3 -6 1 0	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -9
Initial Initial Constant Supplies Suppl	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 level 112,3 84,8	-0.5 -0.8 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 -1.4 -0.3 -0.9 -0.2 -1.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.9 -0.8 -0.9 -0.8 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9	-0.7 -0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -2.1 -1.1 -0.7 -2.9 -0.3 -2.8 -0.7 -2.8 -0.7	-2 -2 -2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3 -6 1 0 -1 2 Monthly -9 -6	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9 1 6 YTD
SAMPONE  BOW JOINES  Noted  FTSE 100  CAC  MIB  DAX  CAC  MIB  MACA  MAC	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 46,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 level 112,3 84,8 58,2 22,4	-0.5 -0.8 -0.8 -0.3 -2.5 -1.1 -0.6 -1.7 -0.9 -1.6 -1.7 -0.9 -1.4 -0.3 -0.9 -0.8 -0.2 -1.2 -0.8 -0.0 -0.8 -0.9 -0.8 -0.9 -0.8 -0.9 -0.8 -0.9 -0.8 -0.9 -0.8 -0.9 -0.8 -0.9 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8	-0.7 -0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -2.1 -1.1 -0.7 -2.9 -0.5 -0.3 -2.8 -0.7 -0.3 -2.8 -0.7 -0.3 -1.5 -0.3 -0.4 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	-2 -2 -2 -6 -4 -1 -1 -1 -3 -5 0 0 -2 -3 -6 1 0 -1 2 Monthly -9 -6 -4 -10	3 3 -6 -1 3 8 4 4 2 -1 3 5 4 4 4 -5 -1 20 9 1 6 -2 -2 -5 -2
Maria micro SAESDO Dow Jones Notes FTSE 100 Exercision SO BOX BOX MARIA	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 level 112,3 84,8 58,2 22,4 40,8	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -0.9 -1.7 -0.9 1.4 -0.3 -0.9 -0.8 -0.2 -1.2 -0.8 -0.2 -1.2 -0.8 -0.2 -1.2 -0.8 -0.4 -0.4 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	-0.7 -0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 -0.7 -2.9 -0.3 -2.8 -1.0 -1.5 -1.1 -1.1 -1.1 -1.1 -1.2 -1.3 -1.5 -1.1 -1.5 -1.1 -1.5 -1.1 -1.5 -1.1 -1.5 -1.1 -1.5 -1.1 -1.5 -1.1 -1.5 -1.1 -1.5 -1.5	-2 -2 -2 -6 -4 -1 -1 -1 -1 -3 -5 -0 -0 -2 -3 -6 -6 -1 -2 -2 -Monthly -9 -6 -4 -1 -10 -9 -12	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -9 1 6 -7 -7 -6 -2 -2 -5 -6 -6 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7
SAMPONE  BOW JOINES  SAMPONE  FTSE 100  FTSE 100  ACAC  MIB  MIS  ACAC  MIB  MIS  MIS  MIS  MIS  MIS  MIS  MIS	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 76,601 112,3 84,8 58,2 22,4 40,8 215,4 40,8 215,4 40,8 215,4 40,8 215,7 40,8 40,8 40,8 40,8 40,8 40,8 40,8 40,8	0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.6 1.7 0.9 0.8 0.2 0.8 0.2 0.8 0.2 1.2 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	0.7 0.8 1.8 3.0 1.7 1.5 1.1 1.5 1.1 2.2 3.3 0.4 2.1 1.1 0.5 0.5 0.5 0.5 0.7 Veckly 1.5 1.5 1.1 1.7 1.7 1.1 1.7 1.7 1.1 1.7 1.7 1.7	-2	3 3 6 1 1 3 8 4 4 2 1 1 3 5 5 4 4 4 5 5 12 20 9 1 1 6 6 2 5 5 2 6 6 11 7 9 9 5 5
Maria micro SAEPDO Dow Jones Notes FTSE 100 Exercision S0 BIOLO BI	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 1,920 112,3 84,8 58,2 22,4 40,8 215,4 98,2 57,3 111,7 14,9 13,7	0.5 0.8 0.3 2.5 5 1.1 1 0.6 0.9 1.1 1 0.6 1.6 1.7 0.9 0.8 0.2 0.8 0.2 0.8 0.2 2.4 1.2 1.4 1.8 1.5 1.6 1.8 1.5 1.8 1.5 1.5 1.8 1.5 1.5 1.8 1.5 1.5 1.8 1.5 1.5 1.8 1.5 1.5 1.1 1.8 1.5 1.5 1.1 1.8 1.5 1.5 1.1 1.8 1.5 1.5 1.1 1.8 1.5 1.5 1.1 1.8 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	0.7 0.8 1.8 3.0 1.7 1.5 1.1 1.5 1.1 2.2 3.3 0.4 0.8 0.4 1.0 7 2.9 0.5 0.3 2.8 0.7 2.8 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	-2	3 3 6 -1 3 8 4 2 -1 3 5 4 4 4 5 5 12 20 9 9 1 6 6 2 6 6 11 7 7 9 5 9 -2 2
Intelligence Septime Dow Jones Notes FTSE 100 Exercision SO BEX MISCA MI	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 1,920 112,3 84,8 58,2 22,4 40,8 215,4 98,2 57,3 111,7 113,7 113,7 113,7 113,7 113,7 113,7 113,7 113,7 113,7 113,7 113,7 113,7 113,7 113,7 114,4 113,7 114,4 113,7 114,4 113,7 114,4 113,7 114,4 113,7 114,4 1	0.5 0.8 0.3 2.5 5 1.1 1 0.6 0.9 0.6 1.6 1.6 1.7 0.9 0.8 0.2 1.2 0.8 0.2 1.2 1.4 1.2 1.4 1.4 1.8 1.4 1.4 1.5 1.1 1.1	0.7 1.8 3.0 1.7 1.5 1.1 1.1 1.2 2.3 3.0 0.4 0.8 0.7 2.9 0.5 0.3 0.7 2.8 0.7 2.8 0.7 2.8 1.0 2.8 1.5 2.8 1.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2	-2	3 3 6 -1 3 8 4 2 -1 3 5 4 4 4 5 5 12 20 9 9 1 6 6 2 6 6 -1 11 7 9 9 5 2 6 6 11 1 7 9 9 5 2 6 6 11 1 7 9 9 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Intelligence SASESDO Dow Jones Notes FTSE 100 Exercision SO BEX MISCA BEX MISCA CAC MIB ASSA Alterias MISCA Latam* Ibboverpa (Illiano) MISCA MIS	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 19,443 48,579 1,920 91,374 7,60 3,197 1,920 91,374 7,60 112,3 84,8 58,2 22,4 40,8 215,4 98,2 57,3 117,7 149,9 13,7 149,9 13,7 149,9 13,7 149,9 13,7 149,9 149	0.5 0.8 0.8 2.5 1.1 0.6 0.9 1.6 0.9 1.7 0.9 1.4 0.0 0.3 0.9 1.6 0.0 0.8 0.0 0.8 0.2 1.2 0.8 0.2 1.2 1.4 1.5 1.6 1.7 1.7 1.7 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8	0.7 deskly 1.5 deskly	-2	3 3 6 1 1 3 8 4 2 1 3 5 5 4 4 5 5 12 20 9 1 6 6 2 2 6 6 111 7 7 9 9 2 2 6 6 111 8 7 7 11 8 7
Maria micros SARSPO Dow Jones Notes FTSE 100 Exception S BEX DOX MARIA M	20.480 7.148 3.410 10.265 4.590 4.590 4.590 6.767 4.717 1.220 9.1374 7.122 8.48 8.717 1.221 8.48 8.717 1.221 8.718	0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.4 0.9 1.4 0.9 1.4 0.8 0.0 0.8 0.2 1.2 1.2 1.4 1.8 1.4 1.4 1.8 1.4 1.4 1.8 1.4 1.7 1.8 1.5 1.1 1.1 1.3 1.5 1.5 1.1 1.1 1.3 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	0.7 0.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1	-2	3 3 6 1 1 3 8 4 2 1 3 5 4 4 5 5 12 20 9 1 6 6 YTD 6 2 2 6 6 11 7 7 9 9 2 6 6 11 8 7 7 7 7 4
SAMPONO DOWN JONES SAMPONO DOWN JONES SAMPONO FEES TOO  FEES TOO  CAC MISS MISS MISS MISS MISS MISS MISS MIS	20.480 7.148 3.410 10.265 4.990 4.99	0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.6 1.7 1.7 1.8 1.2 1.4 1.5 1.1 1.1 1.2 1.1 1.1 1.2 1.1 1.1 1.2 1.1 1.1	0.7 0.8 1.8 3.0 0.8 1.8 3.0 0.8 1.8 3.0 0.8 1.7 1.7 1.5 1.1 1.2 2.9 0.5 2.8 0.7 2.8 1.0 1.5 2.6 4.6 5.0 4.5 3.9 3.5 2.6 4.6 4.6 4.9 3.5 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6	-2 -2 -6 -4 -1 -1 -1 -1 -3 -5 -5 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 6 1 3 8 4 4 2 1 1 3 5 4 4 5 5 20 9 1 1 6 2 2 6 6 11 7 7 9 9 2 2 6 6 11 8 7 7 7 7 4 12 4 4
Marin micro SAPEDIO Dow Jones Notes FTSE 100  Exercision SO  EXERC	20.480 7.148 3.410 10.265 4.990 4.99	0.5 0.8 0.3 2.5 1.1 0.6 0.5 0.9 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 1.2 0.8 1.2 0.8 1.2 0.8 1.2 0.8 1.5 1.1 0.2 0.8 1.5 1.5 1.1 1.1 0.3 0.5 1.5 1.1 1.1 1.1 0.3 0.5 1.5 1.5 1.1 1.1 1.1 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.7 0.8 1.8 3.0 1.7 1.5 1.1 1.5 1.1 1.1 1.2 2.3 0.4 0.8 0.8 0.8 0.7 2.1 1.1 1.1 1.0 1.7 2.8 0.7 2.8 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9	-2 -2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 6 1 3 8 4 4 2 1 1 3 8 5 4 4 5 5 20 9 1 6 6 2 5 5 2 6 6 1 1 1 7 7 9 9 2 2 6 6 1 1 1 8 7 7 7 4 4 6 6 7
Intelligence Septime Dow Jones Notes FTSE 100 Exercision S 0 BBX BBX BBX BBX BBX BBX BBX BBX BBX BB	20.480 7.148 3.410 10.265 4.990 4.990 6.714 4.990 9.137 4.774 4.777 7.237 7.760 1.123 84.8 95.2 2.4 4.8 95.2 2.4 4.9 92.2 2.4 4.0 2.114	0.5 0.8 0.8 0.3 0.5 0.6 0.9 0.6 0.9 0.6 0.9 0.8 0.0 0.2 0.9 0.8 0.0 0.0	0.7 0.8 1.8 3.0 1.7 2.9 1.5 1.1 1.1 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	-2 -2 -6 -4 -1 -1 -1 -3 -5 -5 -7 -5 -5 -4 -9 -1 -1 -1 -3 -5 -5 -7 -5 -5 -8 -1 -1 -1 -3 -4 -5 -5 -1 -1 -1 -3 -4 -5 -5 -1 -1 -1 -3 -4 -5 -5 -1 -1 -1 -4 -3 -4 -5 -5 -1 -1 -1 -4 -3 -4 -5 -5 -1 -1 -1 -4 -3 -4 -5 -5 -1 -1 -1 -4 -3 -4 -5 -5 -1 -1 -1 -4 -5 -5 -5 -1 -1 -1 -4 -3 -4 -5 -5 -1 -1 -1 -4 -3 -4 -5 -5 -1 -1 -1 -4 -5 -5 -1 -1 -1 -4 -5 -5 -1 -1 -1 -4 -5 -5 -1 -1 -1 -4 -5 -5 -1 -4 -4 -5 -5 -1 -1 -4 -5 -5 -1 -4 -4 -5 -5 -1 -1 -4 -5 -5 -1 -4 -4 -5 -5 -5 -1 -4 -4 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	3 3 4 6 1 3 8 4 4 2 1 3 3 5 12 15 20 9 1 6 6 22 5 2 6 6 11 1 7 7 7 4 12 4 6 6 7 7 5 4
Marin micro SAPEDIO Dow Jones Notes FTSE 100 Exercision SO BIEX BIEX BIEX BIEX BIEX BIEX BIEX BIEX	20.480 7.148 3.410 10.265 4.990 4.990 4.990 6.12	0.5 0.8 0.3 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.7 0.8 1.8 1.8 3.0 1.7 1.5 1.1 1.7 1.5 1.1 1.7 1.5 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	-2 -2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 4 6 1 3 8 4 4 2 1 1 3 5 5 4 4 4 5 5 12 15 5 2 6 6 111 7 7 9 9 5 9 9 1 2 6 6 111 8 7 7 7 4 12 4 6 6 7 5 5
Marin Brown September 1 September 1 September 2 Septem	20.480 7.148 10.265 10.	0.5 0.8 0.3 0.3 0.5 0.6 0.5 0.6 0.5 0.6 0.5 0.6 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0.7 0.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1	-2 -2 -6 -4 -1 -1 -1 -3 -5 -5 -5 -9 -1 -1 -1 -4 -3 -4 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	3 3 4 6 1 3 8 4 4 2 1 3 3 5 12 15 20 9 1 6 6 2 5 5 2 6 6 11 1 8 7 7 7 4 12 4 6 6 7 7 5 4 13 34 34 34
SASE DEPORT DOWN JOINES NINGE FTSE 100 Exercitors SO BEX MISC ACA MIS ACS Afters MISC LIST MISC	20.480 7.148 10.265 10.	0.5 0.8 0.8 0.3 0.3 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0.7 0.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1	-2 -2 -6 -4 -1 -1 -1 -3 -3 -5 -5 -1 -1 -1 -3 -4 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	3 3 4 6 1 3 3 8 4 4 2 1 1 3 5 4 4 4 4 5 1 5 2 0 1 1 6 6 2 5 5 2 6 6 1 1 1 7 7 9 9 5 9 2 6 6 1 1 1 7 7 7 4 1 1 3 1 6 6 7 7 7 7 7 7 1 2 4 6 6 7 7 7 7 7 7 1 1 2 4 6 6 7 7 7 7 7 7 7 1 1 2 4 1 1 3 3 4 1 1 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
SAREDIO SAREDI	20.480 118.419 7.148 118.419 7.148 110.266 110	0.5 0.8 0.3 0.3 0.5 0.6 0.5 0.6 0.5 0.6 0.5 0.6 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0.7 0.8 0.8 1.8 0.8 1.8 0.8 1.8 0.8 1.8 0.8 1.8 1.5 1.5 1.1 1.5 1.5 1.1 1.5 1.5 1.5 1.5	-2 -2 -6 -4 -1 -1 -1 -3 -3 -5 -5 -4 -1 -1 -1 -4 -3 -4 -5 -5 -3 -1 -5 -3 -3 -4 -5 -5 -5 -3 -1 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	3 3 4 6 1 3 3 8 4 4 2 1 1 3 5 4 4 4 4 5 1 5 2 0 1 1 6 6 2 5 5 2 6 6 1 1 1 7 7 9 9 5 9 2 6 6 1 1 1 7 7 7 4 1 1 3 1 6 6 7 7 7 7 7 7 1 2 4 6 6 7 7 7 7 7 7 1 1 2 4 6 6 7 7 7 7 7 7 7 1 1 2 4 1 1 3 3 4 1 1 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
SARESON  Dow Jones  Nikies  FTSE 100  Exerciston S 0  BEX  MISC  BEX  ACA  MISC  ACA  MISC  ACA  MISC  ACA  MISC	20.480 118.419 7.1480 118.419 7.1480 112.000 119.443 119.01 119.443 119.01 119.443 119.01 119.443 119.01 119.443 119.01 1	0.5   0.6   0.9   0.5   0.6   0.9   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   0.9	0.7 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	-2 -2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 4 4 5 12 15 5 6 6 7 7 9 9 5 6 6 111 7 7 9 9 2 6 6 6 111 7 7 4 12 4 6 6 7 5 4 3 34 4 6 7 5 4 3 34 4 6 6 7 7 5 4 4 2 2 4 4 8
SAFEDIA SAFEDI	20.480 18.419 7.148 18.419 7.148 18.419 7.148 19.20 19.443 6.179 6.114 4.990 19.443 6.179 6.114 6.179 6.114 6.179 6.114 6.179 6.174	0.5 0.8 0.3 0.3 0.6 0.9 0.6 0.1 0.6 0.9 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.9 0.0 0.6 0.1 0.5 0.5 0.6 0.9 0.0 0.6 0.6 0.1 0.5 0.6 0.9 0.0 0.0 0.6 0.9 0.0 0.0 0.6 0.9 0.0 0.0 0.6 0.9 0.0 0.0 0.6 0.9 0.0 0.0 0.6 0.9 0.0 0.0 0.0 0.6 0.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.7 0.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1	-2 -2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 4 6 1 1 3 8 4 4 2 1 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1
SAME DISTRICT OF THE STATE OF T	20.480 118.419 7.1480 118.419 7.1480 112.000 119.443 119.07 119.400 119.413 119.07 119.100 119.413 119.07 119.000 119.413 119.07 119.000 119.413 119.07 119.000 119.413 119.07 119.000 119.413 119.07 119.000 119.413 119.000 119.413 119.000 119.413 119.000 119.413 119.000 119.413 119.000 119.413 119.000 119.000 119.00000 119.00000 119.0000 119.00000 119.00000 119.00000 119.00000 119.00000 1	0.5   0.8   0.8   0.8   0.8   0.8   0.8   0.8   0.8   0.8   0.9   0.8   0.9   0.8   0.9   0.8   0.9   0.8   0.9   0.8   0.9   0.8   0.9   0.8   0.9   0.8   0.9   0.9   0.8   0.9	0-7 0-8 1-8 1-8 1-8 1-8 1-8 1-8 1-8 1-8 1-8 1	-2 -2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 4 4 2 1 3 5 4 4 5 5 5 6 6 1 1 7 7 7 7 4 1 3 3 3 4 6 6 6 7 7 7 7 7 4 1 3 3 3 4 6 6 7 7 7 7 7 7 4 1 3 3 3 4 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
SARES DE SAR	20.480 118.419 7.1480 112.00 119.413 119.00 119.413 119.00 119.413 119.00 119.413 119.00 119.413 119.00 119.413 119.00 119.413 119.00 119.413 119.00 119.413 119.00 119.413 119.00 119.0	0.5   0.6   0.8   0.3   0.5   0.5   0.6   0.6   0.7   0.7   0.6   0.7   0.7   0.5   0.9   0.8   0.9	0-7 0-8 1-8 1-8 1-8 1-8 1-8 1-8 1-8 1-8 1-8 1	-2	3 3 4 4 2 1 3 5 4 4 4 5 5 2 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
SALES DE SAL	20.480 118.419 7.1480 118.419 7.1480 110.205 112.000 119.443 119.000 119.443 119.000 119.443 119.000 119.443 119.000 119.443 119.000 119.443 119.000 119.443 119.000 119.443 119.000 119.443 119.000 119.443 119.000 1	0.5   0.5	0-7 0-8 0-8 1-8 0-8 1-8 0-8 1-8 0-8 1-8 0-8 1-8 0-8 1-8 1-8 1-8 1-8 1-8 1-8 1-8 1-8 1-8 1	-2	3 3 4 2 1 3 3 8 4 4 2 1 1 3 5 5 6 4 5 5 12 2 2 6 6 111 1 3 3 3 4 6 6 7 7 9 9 9 2 2 2 6 6 11 1 3 3 3 4 6 6 7 7 3 4 1 4 1 2 2 4 8 8 3 3 4 4 2 2 7 7 7 7 7 1 1 3 3 4 6 6 7 7 7 7 1 1 3 3 4 6 6 7 7 7 7 4 1 4 1 2 2 4 8 8 3 3 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Maria micro SAPEDIO Dow Jones Notes FTSE 100 Exercision SO BEX	20.480 18.419 7.7480 18.419 7.7480 17.00 19.403 14.005 17.000 19.443 14.005 17.000 19.443 14.005 19.443 19.005 19.443 19.005 19.443 19.005 19.443 19.005 19.124 19.005 19.124 19.005 19.124 19.005 19.124 19.005 19.124 19.125 19.	0.5   0.6   0.6   0.6   0.6   0.6   0.7   0.7   0.9   0.6   0.6   0.6   0.6   0.7   0.7   0.9   0.5   0.6   0.6   0.7   0.7   0.9   0.6   0.7	0-7 0-8 0-8 0-8 0-8 0-8 0-8 0-8 0-8 0-8 0-8	-2	3 3 6 1 3 3 8 4 2 1 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2
SAREADOR SAR	20.480 18.419 7.148 18.419 7.148 19.120 19.431 19.4	0.5   0.5	0.7 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	-2	3
SALES DESCRIPTION OF THE PROPRIES OF THE PROPR	20.480 118.419 7.148 13.410 13	0.5   0.5	0-7 - 0-8 -	-2 -2 -6 -6 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 6 1 3 3 8 4 2 1 1 3 3 5 1 1 5 1 1 1 1 1 1 1 1 1 1 1 1
SARE PROPOSE  DOW JOINS NINGER  FTSE 100  BEX  FTSE 100  BEX  SOLUTION  SOLUTION  MIST ARE REPOSE  MIST ARE	20.480 11.419 27.1480 11.419 27.1480 11.419	0.5   0.5	0.7 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	-2 -2 -3 -4 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 6 1 3 3 8 4 2 1 1 1 3 3 5 4 4 5 2 1 1 5 5 4 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
SARPON  DOWN JONES  SARPON  DOWN JONES  Notes  FTSE 100  CAC  MIB  AND	20.480 11.419 27.1480 11.419 27.1480 11.200 11.2005 11	0.5 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.7 1.5 0.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1	-2 (-2 (-3 (-3 (-3 (-3 (-3 (-3 (-3 (-3 (-3 (-3	3 3 8 4 2 1 3 3 8 4 4 2 1 1 6 7 7 7 4 4 1 2 2 4 8 3 3 4 4 4 4 8 8 5 7 7 7 4 4 4 8 8 5 7 7 7 9 9 1 1 1 3 1 4 1 4 1 5 1 1 5 1 1 2 2 4 8 8 3 3 4 4 4 8 8 5 7 7 7 9 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SARPORO DOW JONES SARPORO DOW JONES SARPORO SA	20.480 118.419 7.1480 118.419 7.1480 110.205 112.000 119.443 119.001 119.443 119.001 119.443 119.001 119.443 119.001 119.443 119.001 119.443 119.001 1	0.5   0.5	0-7 - 0-8 -	-2 -2 -3 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 6 1 3 3 8 4 2 1 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1
Maria micro SAPEDIO Dow Jones Notes FTSE 100 Exercision SO BEX	20.480 118.419 7.7480 110.405 110.005	-0.5 -0.8 -0.8 -0.9 -0.5 -0.8 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9	0-7 0-8 0-8 0-8 0-8 0-8 0-8 0-8 0-8 0-8 0-8	-2 -2 -3 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 6 1 3 3 8 4 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAME DATE OF THE STATE OF THE S	20.480 20	0.5   0.6   0.5   0.6   0.5   0.6   0.5   0.6   0.6   0.5   0.6   0.6   0.5   0.6	0.7 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	-2 -2 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3	3 3 4 4 2 1 1 3 3 8 4 4 2 1 1 5 5 6 6 6 6 7 7 7 7 4 4 6 6 6 6 7 7 7 7 4 6 7 8 7 8 7 8 7 8 8 8 8 8 7 7 7 7 7 4 1 2 4 8 8 8 7 7 7 7 8 8 8 8 8 8 7 7 7 7 7 8





Debt markets	( 10Y <u>, %, c</u> h	anges in t	ip)		
Developed Markets US (2-yr)	1.16	Daily -4.1	-7.3 -11.4	Month -15	YTD -5
US GER (2-yr)	2.18 -0.86	-6.7 -0.2	-11.4	-32 -9	-26 -9
Germany France	0.16	-3.1 -2.4	-1.4 -4.8 -7.0	-28 -22	-12 8
Spain	1.67	-3.7 -5.6	2.6	-21 -10	16 39
Portugal	3.82	-6.7	-3.6	-75	-36
Greece Japan (2-yr)	6.79 -0.22	11.9 -1.3	6.9 0.4	-61 -4	-10 -3
Japan Emerging Markets	0.01	-1.3 -2.7 Daily	-6.5 Weekly	-6 Monthly	-6 YTD
Brazil	10.05	-4.3	2.5	-18	-136
Chile Colombia	3.91 6.57	-0.1 -5.0	-3.4 -5.4	-42 -27	-42 -52
Mexico Peru	7.12 5.79	-3.1 0.2	-10.1 -5.1	-13 -16	-51 -68
Poland Russia	3.37 8.09	-4.1 3.7	-7.6 -3.0	-37 -5	-35 -36
Turkey	10.66	8.0	-3.0	-4	-34
India Indonesia	6.86 7.06	1.7	5.4 -2.7	-17	48 -78
Country ris	k (bp, chang	es in bp)			
Developed Markets  10-yr sovereign spread vs Germany	level	Daily	Weekly	Monthly	YTD
France Italy	74 211	0.7 -2.5	-2.2 2.8	6 18	20 51
Portugal	366	-3.6	1.2	-19	4
Spain 2-yr sovereign spread vs Germany	151	-0.6	7.4	7	36
France	54	0.7	-0.5	22	44
Italy Portugal	82 127	-2.5 0.9	0.1 2.4	-82	21 -20
Spain Emerging Markets	65	-2.5	-0.5	2	17 YTD
5-yr sovereign CDS *	level	Daily	weekiy	Monthly	TID
Brazil Chile	222 78	-1 2	4 5	8	-50 -4
Colombia	135	1	5	3	-28
Mexico Peru	129 104	1 2	3 4	-3 7	-27 -4
Venezuela	3,464	-25	-113	37	-441
Poland Russia	69 167	0	-5	5	-7 -9
Turkey	231	1	-3	8	-41
China India	88 99	0	5	7	-29 -28
Indonesia Ris	137	0	7	14	-19
Volatilty indicators (%)	level	Daily	Weekly	Monthly	YTD
VIX VST OXX	15 26	4.8 9.4	2 12	36 129	4 9
EM EFT volatility Index	21	3.1	7	50	4
Dollar/euro volatility EM FX volatility index	13 9	-2.9 -1.0	3 -2	91 4	26 -17
Credit spread (BAA) (bps)	237	6.7	10	8	10
US bonds volatility index Banking 5 y CDS (typs) *	71 level	-4.7 Daily	1 Weekly	17 Monthly	-7 YTD
US	63	0.3	- 1	3	-9
EZ UK	116 81	0.2	4	13 10	-9
Large Spanish	107	0.2	4	-1 9	-10 13
Medium Spanish Corporate 5y CDS (bps) *	165 level	Daily	Weekly	Monthly	YTD
US Non-financial EZ Non-financial	153 102	0.3	1 4	3 13	-9 8
UK Non-financial	123	0.0	2	12	-2
Interbank mar	rkets (%, che level	nges in b Daily	Weekly	Monthly	YTD
EONIA Index	-0.36	0.00	0.0	0.0	0.0
Euribor 3m Euribor 12m	-0.33 -0.12	0.00	0.0	0.0	0.0
Libor 3m Libor 12m	1.16	0.00	0.0	0.0	0.2
EZ TED spread 3 m	1.77 47.2	0.00	3.4	0.0 -11.3	-19.2
p					
	k markets (				
Stoc Main indices	k markets (	Daily	Weekly	Monthly	YTD
Stoc			Weekly -0.7 -0.8	Monthly -2 -2	YTD 3 3
Stoc Main indices S&P500 Dow Jones Nikkei	level 2,337 20,480 18,419	-0.5 -0.8 -0.3	-0.8 -1.8	-2 -6	3 -6
Stoc Main indices S&P500 Dow Jones Nikket FTSE 100 EuroStoxx 50	level 2,337 20,480 18,419 7,148 3,410	Daily -0.5 -0.8 -0.3 -2.5 -1.1	-0.8 -1.8 -3.0 -1.7	-2 -6 -4 -1	3 -6 -1 3
Main indices \$4,000 Dow Jones Nikkei FTSE 100 EuroStoxx 50 IBEX	level 2,337 20,480 18,419 7,148 3,410 10,265	Daily -0.5 -0.8 -0.3 -2.5 -1.1	-0.8 -1.8 -3.0 -1.7 -1.5	-2 -6 -4 -1 0	3 -6 -1
Main indices SEP500 Dow Jones Nakele FFEE TO0 EuroStoux 50 BIBCX DAX CAC	k markets 0 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2	-2 -6 -4 -1 0 -1	3 -6 -1 3 8 4 2
Main indices S&P500 Dow Jones Nikler FTSE 100 EEUSTOURS BEX BEX MEM MEM MEM MEM MEM MEM MEM MEM MEM M	k markets 0 level 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4	-2 -6 -4 -1 0 -1 -1 -3 5	3 -6 -1 3 8 4 2 -1 3
Stoc Malin indices \$68980 Dow Jones Noke FTSE 100 EEXOSOX \$0 BEX DAX CAC MBB ASE Alteris MSG Latam*	k markets 0 level 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8	-2 -6 -4 -1 0 -1 -1 -3 5	3 -6 -1 3 8 4 2 -1 3 5
Stoc  Sairs indices	level 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1	-2 -6 -4 -1 0 -1 -1 -3 5 0 0	3 -6 -1 3 8 4 2 -1 3 5
Main indices \$587800 Dow Jones Holder Holder Dow Jones Holder MSC Harts MSC H	k markets 0 level 2,337 20,480 18,419 7,148 3,410 10,265 12,000 19,443 677 76,714 64,128 48,579 4,777 2,237	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4	-2 -6 -4 -1 0 -1 -1 -3 5 0	3 -6 -1 3 8 4 2 -1 3 5
Stoc  15.07.100.ccs	k markets 0 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 48,579 4,777 2,237 1,920	Daily -0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 -0.7 -2.9	-2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3 -6	3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15
Stoc  Brain Indices  SAPS00  Does Jones  FFSE 100  EaroStock 50  EaroStock 50  EARO MICHAEL  AND MICHAEL  BOAN MIC	level 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 4,977 76,714 48,579 4,777 2,237 1,920 91,374 760	Daily -0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3	-2 -6 -4 -1 0 -1 -1 -3 -5 0 0 0 -2 -3 -6 1 0	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9
Stock SS-SS-SS-SS-SS-SS-SS-SS-SS-SS-SS-SS-SS-	k markets 0 level 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 76,3197	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 -1.4 -0.3 -0.9 -0.8 -0.2 -1.2 -0.8 -0.0 -0.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3 -2.8	-2 -6 -4 -1 0 -1 -1 -3 -5 0 0 0 -2 -3 -6 1 0 -1	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9
Machinetes 546900 Down Jones Nokel FFSE 100 Eurodison 50 BEX NS Nokel SEAS Allers MAGG Latam John Seas Seas Seas Seas Seas Seas Seas Seas	k markets © level 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 16vel	Daily -0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2 0.8 0.0 -0.8 -0.2 -0.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 -0.7 -2.9 -0.5 -0.3 -2.8 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	-2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3 -6 1 0 0 -1 2	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9
Stoc  SAPSO  Down Jones  FEET TO  EaroStock SO  EaroStock	k markets © level 2,337 20,480 18,419 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 91,374 7,000 19,430 19,400	Daily -0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2 0.8 0.0 -0.8 -0.2 -1.2 -0.8 -0.2 -1.2 -0.8 -0.2 -1.2 -0.8 -0.2 -1.2 -0.8 -0.8 -0.2 -1.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 0.7 -2.9 -0.5 -0.3 -2.8 -0.7 -0.8 -0.8 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9	-2 -6 -4 -1 0 -1 -3 5 0 0 0 -2 -3 -6 1 0 -1 2 2 Monthly -9	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9 1 6
Stoc  Sair Indices  Sair Seo  Dow Jone  The Sair Indices  Sair Seo  Dow Jone  Big Sair Seo  East	lovel 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,940 4,940 4,940 4,940 4,977 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 lovel 112.3 84.8 58.2	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 -1.4 -0.3 -0.9 -0.8 -0.2 -1.2 -0.8 -0.2 -1.2 -0.8 -0.2 -1.1 -0.8 -0.9 -0.8 -0.2 -1.1 -0.8 -0.9 -0.8 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3 -2.8 -0.7 -0.7 -0.8 -0.7 -0.8 -0.7	-2 -6 -4 -1 0 -1 -3 -5 0 0 -2 -3 -6 1 0 -1 2 Monthly -9 -6 -4	3 3 6 -1 3 8 4 2 -1 3 5 4 4 4 -5 12 -15 20 9 1 6 YTD -6 -2 -5
Stoc  16 nin Indices  56/950  16 nin Indices  56/950  18 nin Indices  18 nin I	k markets © level 2,337 2,3480 18,419 7,148 3,410 10,265 12,000 19,443 677 76,714 641,579 4,777 2,237 1,920 91,376 3,197 5,607 level 112,3 84.8	Daily -0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 -0.2 -0.8 -0.2 Daily -2.4 -1.2	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 -0.7 -2.9 -0.5 -0.3 -0.7 Weekly -2.8 -1.0	-2 -6 -4 -1 0 -1 -3 -5 0 0 0 -2 -3 -6 1 0 -1 2 Mornthly -9 -6 -4 -10 -9	3 3 6 -1 3 8 4 2 -1 3 5 4 4 5 12 -15 20 9 1 6 7 7 7 7 8 9 9 1 6 9 1 1 1 1 1 1 1 1 1 1 1 1 1
Stoc  Brain Indices  SAPS00  Does Jones  FFSE 100  EaroStox 5 0  EEX DOES  AUX CAC	lovel 2,337 20,480 18,419 20,480 18,419 10,265 677 76,714 44,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 level 112,3 84,8 58,2 22,4 40,8 215,4	Daily 0.5 + 0.8 + 0.5 + 0.8 + 0.5 + 0.8 + 0.5 + 0.8 + 0.5 + 0.6 + 0.9 + 1.6 + 0.3 + 0.9 + 0.8 + 0.2 + 1.2 + 0.8 + 0.0 + 0.8 + 0.2 + 0.8 + 0.2 + 1.2 + 0.8 +	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -2.1 -1.1 -0.7 -2.9 -0.3 -2.8 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7	-2 -6 -4 -1 0 -1 -3 5 0 0 0 -2 -3 -6 1 0 -1 2 2 Monthity -9 -6 -4 -10	3 3 6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -1 20 9 1 6 YTD -6 -2 -5 -2
Stoc  Brain indices  SAPS00  Dow Jones  FFSE ToO  EaroSiox 50  EaroSiox 50  EaroSiox 50  EARO  AND  AND  AND  AND  AND  AND  AND  AN	lovel 2,337 20,480 18,419 20,480 18,419 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 760 3,197 5,607 level 112,8 48,599 2,24 40,8 25,24 40,8 25,25 7,3 98,2 57,3	Daily 0.5 - 0.8 - 0.9 - 0.5 - 0.8 - 0.6 - 0.9 - 0.6 - 0.9 - 1.6 - 0.7 - 0.9 - 1.6 - 0.3 - 0.9 - 0.8 - 0.2 - 1.2 - 0.8 - 0.2 - 0.8 - 0.2 - 0.8 - 0.2 - 1.4 - 1.8 - 0.4 - 1.4 - 1.8 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.7 - 1.7 - 0.5 -	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3 -2.8 -0.7 -2.9 -0.3 -2.8 -1.5 -2.2 -1.5 -2.2 -1.5 -2.3 -3.3 -3.3 -3.3 -3.3 -3.3 -3.3 -3.3	-2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3 -6 -6 1 0 -1 2 Morstly 9 -6 -4 -10 -9 -12 -6 -5 -5 -5	3 3 6 -1 3 8 4 4 2 1 3 5 4 4 4 -5 20 9 1 6 -2 -5 -2 -6 -11 -7 -7 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9
Stoc  Stocker  Stocke	lovel 2.337 (20,480 18,419 7.148 3.410 10.265 12,000 4,990 19,443 677 76,714 64,128 48,579 4.777 5,607 19,20 19,374 760 3.197 5,607 19,20 40,90 19,374 98.2 22.4 40.8 215.4 98.2 57.3 11.7	Daily -0.5 -0.8 -0.6 -0.9 -0.6 -0.9 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.4 -1.4 -1.4 -1.4 -1.4 -1.4 -1.5 -1.8 -1.6 -1.4 -1.5 -1.8 -1.6 -1.4 -1.5 -1.8 -1.6 -1.5 -1.8 -1.6 -1.8 -1.8 -1.8 -1.8 -1.8 -1.8 -1.8 -1.8	-0.8 -1.8 -1.8 -1.7 -1.5 -1.1 -1.2 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3	2	3 3 3 6 6 1 1 3 8 8 4 4 2 2 1 1 3 5 5 4 4 4 4 5 5 1 2 2 0 9 1 1 6 6 2 2 5 5 2 6 6 1 1 1 7 7 9 5 5
Stoc  SAPSO  SAP	level (2,337, 20,480 18,419 7,148 3,410 10,265 12,000 19,443 3,410 464,128 48,579 4,777 7,1320 11,374 7,1320 11,374 4,818 58.2 22.4 40.8 215.4 98.2 25.7 3 11,7 14,9 13,7	Daily 10.5 1.1 1.1 1.8 1.5 1.1 1.1 1.1 1.1 1.5 1.5 1.5 1.1 1.1	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -1.2 -2 -3.3 -0.4 -2.1 -1.7 -0.5 -0.3 -0.7 -0.5 -0.7 -0.5 -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 -0.7 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8	-2 -6 -4 -1 -1 -1 -1 -3 -3 -5 0 0 0 -2 -3 -3 -6 -6 -1 1 2 Monthly -9 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 46 41 3 8 4 4 2 4 1 3 5 5 4 4 4 4 5 5 12 20 9 1 1 6 6 2 5 5 2 6 6 11 7 7 9 5 9 2 2
Stoc  Brain Indices  SAPS00  Down Jones  FFSE 100  EaroStock 50  EaroSto	k mn/kts to level level   leve	Daily -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -1.2 -1.3 -0.4 -0.8 -0.4 -2.1 -1.1 -0.7 -2.9 -0.3 -2.8 -0.7 -2.9 -1.5 -0.3 -2.8 -0.7 -1.1 -1.1 -1.1 -1.1 -1.1 -1.1 -1.1 -1	-2 -6 -4 -1 -1 -1 -3 -5 -0 -0 -2 -3 -6 -1 1 -2 2 Monthly 9 -6 -4 -4 -10 -9 -12 -5 -5 -7 -7	3 3 46 -1 1 3 8 4 4 2 -1 1 3 5 5 4 4 4 5 5 12 20 9 1 6 7 10 6 -2 2 -5 -2 -6 -1 1 -7 -9 5 -9 -2 -6 6 -1 1 -7 -9 5 -9 -9 -2 -6 6 -1 1 -7 -9 5 -9 -9 -2 -6 6 -1 1 -7 -9 5 -9 -9 -2 -6 6 -1 1 -7 -9 5 -9 -9 -2 -6 6 -1 1 -7 -9 5 -9 -9 -2 -6 6 -1 1 -7 -9 5 -9 -9 -2 -6 6 -1 1 -7 -9 5 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9
Stoc  Marianization State 500 Down Jones Nikke TISE 100 Exarositous 50 BEX DAN MISS BEX DAN MISS BEX DAN MISS BEX MISS B	k markets 0 level 2.337 20.480 7.148	Daily 1.6 1.4 1.7 1.8 1.5 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	-0.8	2 6 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 4 6 11 3 8 8 4 2 11 3 5 5 4 4 5 5 20 9 1 6 6 2 2 5 2 6 6 11 7 9 9 2 2 6 6 11 8 8
Stoc  18-in-in-discs  18-displace  18-displa	k minkets 05 level 2,337 20,480 20,480 10,265 4,990 11,200 4,990 4,990 4,990 4,990 4,990 4,990 4,990 4,990 4,990 4,990 4,990 11,200 4,990 4,990 4,990 4,990 11,100	Daily 0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.6	- 0.8	2 6 4 1 1 0 0 1 1 1 3 5 0 0 0 0 2 3 6 6 1 0 0 1 1 2 2 0 1 1 1 0 0 0 1 1 2 1 1 1 1	3 3 6 1 3 8 8 4 2 1 1 3 5 5 4 4 4 4 5 5 1 2 2 0 9 9 1 6 6 7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
Maria Indicas SAR-PSO Down James Naked TIPSE 100 Eurosibus 50 BBX Eurosibus 50 BBX EX	k markets of level level 2,337 20,480 4990 4990 4990 4990 4990 4990 4990 4	Daily 0.5 0.8 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	0.8 3.0 1.7 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.5	2 6 4 1 1 0 1 1 3 5 0 0 0 0 2 3 6 1 0 0 1 2 2 Monthly 9 6 4 1 10 9 1 12 6 5 5 7 7 5 4 9 12 8 5 8	3
Stoc  Stocker  Stocke	k markets of level [198]	Daily 0.5 0.8 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	0.8 3.0 1.7 1.5 1.1 1.5 1.5 1.1 1.5 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.1	2 6 4 1 1 0 1 1 3 5 0 0 0 0 2 3 6 1 1 0 1 1 2 2 Monthly 9 6 4 1 10 6 5 5 5 7 7 5 4 9 1 2 8 8 5 8 1 10 10 10	3
Stoc  Stocker  Stocke	k markets of level [198]	Daily 0.5 0.8 0.8 0.3 0.3 0.3 0.5 0.5 0.9 0.9 0.9 0.8 0.9 0.9 0.8 0.2 0.9 0.9 0.8 0.2 0.9 0.9 0.8 0.6 0.9 0.9 0.8 0.6 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.8 3.0 1.8 3.0 1.7 1.5 1.1 1.5 1.5	2 6 4 1 1 1 1 3 3 5 0 0 0 2 3 6 1 1 0 4 4 1 1 1 2 5 5 7 7 5 4 4 8 5 8 1 10 4 3 3 1 10 1 10 1 10 1 10 1 10 1 1	3
Marchitectus  546/900  Down Jones  Nikele  FFSE 100  Eurodisous 50  BEX  ASE Alberts  MSG Latter  MSG	k markets of level   l	Daily -0.5 -0.8 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2	0.8 3.0 1.8 3.0 1.7 1.5 1.7 1.5 1.1 1.2 2.3 3.3 1.2 1.1 1.1 1.2 1.2 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	2 6 4 1 1 0 1 1 1 3 5 0 0 0 2 3 6 6 1 1 0 0 1 1 2 2 Monthly 9 6 4 1 1 0 5 5 5 7 7 5 4 9 1 1 2 8 8 8 1 1 0 1 1 4 3 3 4 4	3 3 6 6 1 1 3 8 4 4 2 1 1 3 5 5 4 4 4 5 5 112 5 20 9 1 1 6 6 2 2 5 2 6 6 111 7 7 9 5 5 9 2 2 6 6 111 8 7 7 7 4 4 12 4 6 6 7 7 5
Stock  St	k markets of level [198]	Daily 0.5 0.8 0.3 0.3 0.3 0.5 0.6 0.9 0.6 0.9 0.0 0.8 0.2 0.4 0.9 0.0 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.0 0.0 0.8 0.8 0.2 0.8 0.2 0.8 0.0 0.0 0.8 0.8 0.2 0.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.8 3.0 1.8 3.0 1.7 1.5 1.7 1.5 1.1 1.2 2.9 1.5 1.1 1.0 7.9 1.5 1.1 1.1 1.2 1.2 1.2 1.3 1.3 1.4 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	2 6 4 1 0 1 1 1 3 3 5 0 0 0 0 2 2 3 6 6 1 0 1 2 2 Moortly 9 6 4 1 10 9 1 2 2 8 8 1 1 2 2 8 8 1 1 2 2 8 8 1 1 2 3 4 4 5 5 5	3 3 6 1 3 8 4 4 2 1 1 3 5 4 4 4 5 5 1 2 2 0 9 1 6 6 2 2 5 5 2 2 6 6 1 1 1 8 8 7 7 4 4 1 2 4 4 6 6 7 7 5 5 4 1 1 3 1 3 1 3
Marin Indices  SAP-500  SAP-50	k markets of Pevel	Daily 0.5 0.8 0.3 0.3 0.9 1.4 0.5 0.5 0.8 0.2 1.2 1.4 1.4 1.4 1.7 1.8 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	0.8 3.0 1.8 3.0 1.7 1.5 1.7 1.5 1.1 1.2 2.8 1.2 2.3 1.2 2.3 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 3.3	2 6 4 1 0 1 1 1 3 5 5 0 0 0 2 3 6 6 1 0 7 1 1 2 2 6 6 4 4 9 1 1 2 6 5 5 7 7 5 4 9 1 1 2 8 8 8 1 1 0 4 3 3 4 5 5	3
Maria Indiana Sate 500 Down James Naked TIFSE 100 Eurosibus 50 BBX EUROSib	k marketa të hevel  2.4373 20.480 20.480 20.480 3.410 10.265 112.000 119.443 3.410 10.265 112.000 119.443 3.410 119.443 3.410 119.443 3.410 119.443 117.748 118.74	Daily 0.5 0.8 0.3 0.3 0.3 0.9 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.8 3.0 1.8 3.0 1.7 1.5 1.7 1.5 1.1 1.2 2.8 2.8 2.7 1.5 2.2 3.5 2.6 4.6 3.3 3.2 2.3 3.2 2.3 3.2 2.1 2.4 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4	2 6 4 1 0 1 1 1 3 5 0 0 0 0 2 3 3 6 1 1 1 2 2 1 2 4 9 6 4 4 1 1 2 2 1 2 4 8 5 5 4 4 9 9 1 1 2 2 8 8 5 8 8 1 1 0 1 4 3 3 4 4 5 5 5 3 3 1 5 3 3	3 3 6 1 3 8 4 4 2 1 1 3 5 1 4 4 4 5 5 1 2 2 0 9 1 1 6 2 2 5 2 6 6 1 1 7 7 7 7 4 4 1 2 4 6 6 7 7 5 5 4 1 1 3 3 4 1 6 6 4 1 6 6 6 6 6 6 6 6 6 6 6 6 6 6
Maria Indiana Sate 500 Down James Naked TIFSE 100 Eurosibus 50 BBX EUROSib	k makta te kender kende	Daily 0.5 0.8 0.3 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.8 3.0 1.1 1.1 1.1 1.2 1.2 1.3 3.3 0.4 4.0 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	2 6 4 1 0 1 1 3 3 5 0 0 0 0 2 2 3 6 6 1 0 1 2 Monthly 9 6 4 1 10 9 1 2 8 8 1 1 2 8 8 1 1 2 5 5 5 7 7 5 5 4 9 1 2 5 5 5 7 7 5 5 4 9 1 2 5 5 5 7 7 5 5 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 6 1 3 3 8 4 4 2 1 1 3 3 5 4 4 4 5 5 12 20 9 1 6 6 2 2 6 6 11 1 8 7 7 4 1 2 4 6 6 7 7 5 5 4 13 344 16
Marinination  Ma	k marketa (c. levert)	Daily -0.5 -0.8 -0.8 -0.2 -0.5 -0.6 -0.9 -0.8 -0.6 -0.9 -0.8 -0.6 -0.9 -0.8 -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 -0.6 -0.7 -0.7 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6	0.8 3.0 1.1.7 1.5 1.1.1 1.2.2 1.3.3 0.4 1.5 1.1.1 1.1.1 1.2.2 1.2.1 1.1.	2 6 4 1 0 1 1 1 3 5 0 0 0 0 2 3 6 1 1 0 1 1 2 2 1 2 6 4 4 1 1 2 2 6 5 5 7 7 5 4 9 1 1 2 8 5 5 8 1 1 0 1 1 2 8 5 5 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 6 1 3 8 4 4 2 1 1 3 5 5 1 2 0 9 1 1 6 6 7 7 4 4 1 2 4 6 6 7 7 5 4 4 1 3 3 4 1 3 3 4 1 1 6 6 4 2 2 Year
Stock  Stor 200	k maketa to kewel	0.8 0.8 0.8 0.8 0.8 0.9 0.9 0.0 0.1 1.6 0.6 0.1 0.6 0.6 0.1 0.7 v depression 0.7 v depressi	0.8 3.0 1.1.7 1.5.5 1.1.1 1.2.2 1.3.3 1.3.3 1.2.1 1.5.	2 6 4 1 1 0 1 1 1 1 3 5 0 0 0 0 0 2 2 3 3 6 6 1 1 0 0 1 1 2 2 1 1 2 6 4 1 1 1 0 9 9 1 1 2 1 2 6 4 1 1 0 1 1 1 2 1 1 2 6 5 5 5 7 7 5 5 4 9 1 1 1 0 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1	3 3 6 1 3 8 4 4 2 2 1 1 3 3 8 5 1 2 2 0 9 1 1 6 6 7 1 7 9 9 2 2 6 6 1 1 1 7 7 4 1 2 4 6 6 7 7 5 4 1 3 3 3 4 4 6 2 2 4 4 7 2 2 4 4 6 7 7 5 5 4 1 1 3 3 4 4 6 7 7 5 5 4 1 1 3 3 4 4 6 7 7 5 5 4 7 7 7 7 8 7 8 7 8 7 7 7 8 7 8 7 8 7 7 7 8 7 8 7 8 7 7 7 8 7 8 7 8 7 8 7 7 7 8 7 8 7 8 7 7 7 8 7
Maria incirca se   548-550  Down Jones  100 Jan	k mukete to level 2   1   2   2   2   2   2   2   2   2	Daily 0.5 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.8 0.0 0.9 0.9 0.9 0.9 0.8 0.0 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.88 3.00 1.18 3.00 1.17 1.15 1.17 1.15 1.17 1.15 1.17 1.17	2	3 3 6 6 1 3 8 8 4 2 2 1 3 3 5 5 1 2 5 5 2 6 6 6 1 1 1 7 7 7 9 9 2 2 6 6 6 1 1 1 8 7 7 7 7 4 4 6 6 7 7 5 5 4 1 1 3 3 4 4 1 6 6 7 7 5 5 4 4 1 1 3 3 4 4 2 2 4 8 8
Marinimical sea   Sade 500   Deve John Share   Marinimical sea   Sade 500   Deve John Share   Marinimical sea   Marinimi	k muktos to loved 1. 1	0.hy 0.5 0.hy 0.5 0.hy 0.5 0.hy 0.5 0.hy 0.5 0.h	0.88 3.00 1.18 3.00 1.17 1.15 1.17 1.15 1.11 1.12 1.13 1.33 1.34 1.07 1.15 1.03 1.28 1.00 1.15 1.15 1.28 1.00 1.15 1.15 1.28 1.00 1.15 1.16 1.16 1.17 1.18 1.18 1.18 1.18 1.18 1.18 1.18	-2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 4 4 5 2 1 1 3 3 8 8 4 4 5 2 1 1 3 3 8 8 4 4 5 1 2 1 1 5 1 2 1 1 5 1 2 1 1 5 1 2 1 1 1 1
Maria Indicate  Selection  Maria Indicate  Selection  Maria Indicate  Maria In	k mutet)	Daily 0.5   0.5   0.5   0.5   0.6   0.7   0.9   1.6   0.9   1.6   0.9   1.7   0.9   1.7   0.9   1.8   0.0   0.8   0.2   0.8   0.2   0.8   0.2   0.8   0.2   0.8   0.2   0.8   0.1   1.4   1.4   1.4   1.5   1.1	0.88 3.0 1.1.2 1.1.7 1.5.5 1.1.2 1.2.2 1.1.2 1.1.1 1.1	2 - 2 - 6 - 4 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	3 3 4 4 4 5 12 15 16 16 17 17 17 17 17 17 17 17 17 17 17 17 17
Maria Indicas  444-950  Down Jones  Address  Add	k muket?	0.15 0.15 0.15 0.15 0.15 0.15 0.16 0.17 0.17 0.19 0.18 0.17 0.19 0.18 0.19 0.19 0.19 0.19 0.19 0.19 0.19 0.19	0.8 1.8 3.0 1.17 1.17 1.17 1.17 1.17 1.17 1.17 1.	2	3 3 4 4 4 5 12 15 16 16 17 17 17 17 17 17 17 17 17 17 17 17 17
MSCI Design of the Control of the Co	k muketa to lovel 1	0.19 0.5 0.6 0.1 0.6 0.1 0.6 0.1 0.6 0.1 0.6 0.1 0.6 0.1 0.6 0.1 0.5 0.1 0.6 0.1 0.5 0.1 0.1 0.5 0.1 0.1 0.5 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.8 3.0 1.1.1 1.1.	2 - 2 - 6 - 4 - 1 - 1 - 1 - 1 - 1 - 3 - 3 - 5 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	3 3 4 4 5 12 15 5 4 4 5 12 10 6 6 7 7 9 5 5 4 13 3 3 4 6 6 7 7 5 4 13 3 3 4 6 6 7 7 5 4 13 3 4 6 7 7 5 4 13 3 4 6 7 7 5 4 13 3 4 6 7 7 5 4 13 3 4 6 7 7 5 5 4 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7
MAST LINE CONTROL OF THE CONTROL OF	k mutet2   100   1	0.10	0.8 d. 3.0 d. 4.1.7 d. 5.1.7 d	2	3 3 4 4 2 1 3 5 1 1 2 2 1 1 5 5 1 1 2 2 2 2 4 1 1 3 1 3 1 4 1 1 4 1 1 1 1 1 1 1 1 1
Stock  St	k muketa to lovel 1	0.15 0.15 0.15 0.15 0.15 0.15 0.15 0.15	0.8	2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 4 4 2 1 3 5 4 4 4 5 5 2 6 6 111 7 7 7 4 12 4 6 6 7 7 7 5 4 13 3 3 4 16 4 2 2 4 8 3 3 3 4 4 2 2 4 8 8 3 3 4 4 4 8 8
Stock  SAS-590  Down Jones  SAS-590  Down Jones  SAS-590  Down Jones  SAS-590  Barry Jones  Barry Jones  SAS-590  Barry Jones  Barry Jones  SAS-690  BAS ASS ASS ASS ASS ASS ASS ASS ASS ASS	k mukto to love to lov	0.15	0.8	2	3 3 4 4 2 1 3 5 4 4 4 5 5 7 7 7 7 4 4 6 6 7 7 7 7 4 4 6 6 4 2 2 2 4 8 3 3 4 4 1 1 4 6 8 5 7 7 8 4 8 8 5 7 7 8 9 8 9 8 9 8 9 8 9 9 9 9 9 9 9 9 9
Maria Maria  Sate 500  Down James  Nation  This E 100  Eurositous 50  BEX  Eurositous 50  BEX  ASS Atheris  MAGI Latama  M	k unktež 2 2017 2017 2017 2017 2017 2017 2017 201	0.19 0.10 0.10 0.10 0.10 0.10 0.10 0.10	-0.8   -0	2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 4 4 5 4 4 5 4 4 5 5 4 4 4 5 5 5 4 4 5 7 7 7 4 4 6 6 7 7 7 7 4 4 6 6 7 7 7 7 4 4 6 6 7 7 7 7
Stock  Marithmicros  Sada-500  Dover Jonne  Note of the control of	k muketa to lover 1	0.19 0.19 0.19 0.19 0.19 0.19 0.19 0.19	-0.8   -0	2	3 3 4 4 5 5 7 7 7 7 7 7 7 4 4 4 6 7 7 5 4 4 3 3 4 4 4 8 8 5 5 7 3 3 4 4 4 8 8 5 5 7 7 3 3 3 4 4 4 8 8 5 5 7 7 3 3 3 4 4 5 5 5 7 3 3 3 4 5 5 7 7 3 3 3 4 5 5 7 7 3 3 3 4 5 5 7 7 3 3 3 4 5 5 7 7 3 3 3 4 5 5 7 7 3 3 3 5 5 7 7 3 3 3 5 7 7 7 7 7
MSCI Design of the Control of the Co	k muktot to level 2.	0.15 0.08 0.3 0.25 0.8 0.8 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.8 3.30.3 1.8 3.30.3 1.9 3.1 1.5 5.1	2 6 4 1 1 1 3 5 5 0 0 0 2 3 6 6 1 1 2 2 7 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 4 4 2 1 3 5 4 4 4 5 5 7 7 7 4 4 6 6 7 7 7 7 4 4 8 3 3 4 4 1 4 8 3 3 4 4 1 4 8 3 4 4 1 4 8 3 4 4 1 4 8 3 4 4 1 4 8
MSCI Design of the Control of the Co	k mutet)    100	0.10 0.5 0.5 0.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-0.8   -0	2	3
Stock  St	k mukto to keep to kee	0.10 0.5 0.5 0.6 0.6 0.1 0.7 0.5 0.6 0.6 0.1 0.7 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-0.8   -0	2	3
James Stock  James	k maketa to lower	0.10 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0-8	2	3   6   6   7   7   7   7   7   7   7   7
Maria Indicate  Add-1900	k muketi C    Institute	0.10 0.5 0.5 0.8 0.6 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	-0.8	2	3   3   6   6   7   7   7   7   7   7   7   7
Stock  St	k maketa to leave to the control of	Doubly   Color   Col	-0.8   -0	2	3   3   6   6   7   7   7   7   7   7   7   7
Social Services  SAS-PSD  Down Jones  SAS-PSD  Down Jones  Nikole  TESE 100  Eurositous 50  BEX  SAS AMERIS  SAS A	k market 2 2-237 2	0.19 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0-88 3-18 3-18 3-18 3-18 3-18 3-18 3-18 3	2 6 4 1 1 1 3 5 5 1 1 2 Monthly 0-4 1 1 5 5 5 1 3 0 3 3 0 3 3 0 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	3   3   4   4   5   7   7   7   7   7   7   7   7   7





Debt markets	(10X 9/ ·	anges in t	(A)		
Developed Markets US (2-yr)	1.16	Daily -4.1	Week	Month -15	YTD -5
US GER (2-yr)	2.18 -0.86	-6.7 -0.2	-7.3 -11.4 -1.4 -4.8	-32 -9	-26 -9
Germany France	0.16 0.89	-3.1 -2.4	-7.0	-28 -22	-12 8
Spain Italy	1.67 2.26	-3.7 -5.6	2.6 -2.0	-21 -10	16 39
Portugal Greece	3.82 6.79	-6.7 11.9	-3.6 6.9	-75 -61	-36 -10
Japan (2-yr) Japan Emercing Markets	-0.22 0.01	-1.3 -2.7 Dally	0.4 -6.5 Weekly	-6 Monthly	-3 -6 YTD
Brazil Chile	10.05	-4.3 -0.1	2.5 -3.4	-18 -42	-136 -42
Colombia Mexico	6.57 7.12	-5.0 -3.1	-5.4 -10.1	-27 -13	-52 -51
Peru Poland	5.79	0.2	-5.1 -7.6	-16 -37	-68 -35
Russia Turkey	8.09 10.66	-4.1 3.7 8.0	-3.0 -3.0	-5 -4	-36 -34
India Indonesia	6.86 7.06	1.7	5.4 -2.7	0 -17	48 -78
Country ris	k (bp. chang	es in bp) Daily	Weekly	Monthly	YTD
10-yr sovereign spread vs Germany France	74	0.7	-2.2	6	20
Italy Portugal	211 366	-2.5 -3.6	2.8	18 -19	51
Spain 2-yr so vereign spread vs Germany	151	-0.6	7.4	7	36
France Italy	54 82	0.7	-0.5 0.1	22 4	44 21
Portugal Spain	127	0.9	2.4	-82 2	-20 17
Emerging Markets 5-vr sovereign CDS*	level	Daily	Weekly	Monthly	YTD
Brazil	222	-1	4	8	-50
Chile Colombia	78 135 129	1	5 5 3	6 3 -3	-4 -28
Mexico Peru	104	2	4	7	-27 -4
Venezuela Poland	3,464 69 167	-25 0	-113 0	37 5	-441 -7
Russia Turkey	231	1	-5 -3	8	-9 -41
China India	88 99	0	5 1 7	7	-29 -28
Indonesia Ris	137 k indicators	0	/	14	-19
Volatilty indicators (%) VIX	level 15	Daily 4.8	Weekly 2	Monthly 36	YTD 4
VSTOXX EM EFT volatility Index	26 21	9.4 3.1	12 7	129 50	9
Dollar/euro volatility EM FX volatility index	13 9	-2.9 -1.0	3	91 4	26 -17
Credit spread (BAA) (bps) US bonds volatility index	237 71	6.7	10	8	10 -7
Banking 5y CDS (bps) *	level 63	Daily 0.3	Weekly	Monthly 3	YTD -9
EZ UK	63 116 81	0.3 0.2 0.1	4	13 10	.9 8 .9
Large Spanish Medium Spanish	107 165	0.2	4	-1 9	-10 13
Corporate 5y CDS (typs) *		Daily	Weekly	Monthly	YTD
US Non-financial EZ Non-financial	153 102	0.3	4	3 13	-9 8
UK Non-financial Interbank ma	123 rkets (%, cha		2	12	-2
EONIA Index	-0.36	Daily 0.00	Weekly 0.0	Monthly 0.0	0.0
Euribor 3m Euribor 12m	-0.33 -0.12	0.00	0.0	0.0	0.0
Libor 3m Libor 12m	1.16 1.77	0.00	0.0	0.0	0.2
EZ TED spread 3m	47.2 k markets (	0.00	3.4	-11.3	-19.2
	A HEIROLS (				
Main indices	level	Daily	Weekly	Monthly	YTD
	2,337 20,480	Daily -0.5 -0.8	Weekly -0.7 -0.8	Monthly -2 -2	YTD 3 3
Main indices S&P500 Dow Jones Nikkel FTSE 100	20,480 18,419 7,148	-0.5 -0.8 0.3 -2.5	-0.8 -1.8 -3.0	-2 -6 -4	3 -6 -1
Main indices S&P500 Dow Jones Nikkei	20,480 18,419 7,148 3,410	-0.5 -0.8 0.3 -2.5 -1.1	-0.8 -1.8 -3.0 -1.7	-2 -6 -4 -1	3 -6 -1 3
Main Indices S&P500 Dow Jones Nikkei FTSE 100 EuroStoxx 50	20,480 18,419 7,148	-0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9	-0.8 -1.8 -3.0	-2 -6 -4	3 -6 -1
Main indices SAP900 Dow Jones Nikod FTSE 100 EuroStoxx 50 IBEX DAX CAC MIB ASE Athens	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1	-2 -6 -4 -1 0 -1 -1 -3	3 -6 -1 3 8 4 2 -1 3
Halalandes SAPS00 Down Jones Nikota Nikota Nikota Nikota DO EuroStox SO BEX DAX CAC CAC MBB ASE Athers MBCI Latam*	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8	-2 -6 -4 -1 0 -1 -1 -3 5	3 -6 -1 3 8 4 2 -1 3 5
Main indices SAP900 Dow Jones Nikod FTSE 100 EuroStoxx 50 IBEX DAX CAC MIB ASE Athens	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 -1.4 -0.3 -0.9	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1	-2 -6 -4 -1 0 -1 -1 -3 5 0 0	3 -6 -1 3 8 4 2 -1 3
Mail micro SAPP00 Down Jones Down Jones Notes ETSE 100 ExeroStor 50 IBEX DAX CAC MSQ JAMES MSQ Listum* Iboverpa (Biczib) MSQ Listum* MSQ Listum* MSQ Listum Listupos* MSQ Listum Listupos*	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 -1.4 -0.3 -0.9 -0.8 -0.2	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 -0.7	-2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 2 -1 1 3
Mail micro SAPP00 Down Jones Down Jones Notes ETSE 100 ExeroStor 50 IBEX DAX CAC MSQ JAMES MSQ Listum* Iboverpa (Biczib) MSQ Listum* MSQ Listum* MSQ Listum Listupos* MSQ Listum Listupos*	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 4,579 4,777 2,237 1,920 91,374	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 -0.2 -1.2 0.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 0.7 -2.9 0.5	-2 -6 -4 -1 0 -1 -1 -3 -5 0 0 0 -2 -3 -6 1	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20
Missi micro SSEPDO Dow Jones Notes FTSE 100 Exercision 50 IEEX AXX AXX AXX AXX AXX AXX AXX AXX AXX	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 7,671 3,197	-0.5 -0.8 -0.8 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 -0.2 -1.2 0.8 -0.9	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3 -2.8	-2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3 -6 1 0 -1	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9
Mail micro SAEPDO Dow Jones Notes FTSE 100 Exercisors 50 IEEX DOX CAC CAC CAC CAC MICRO MSC Latam * Ibbovepa (Illiad) Mobic Model Mo	20,480 18,419 7,148 3,410 10,265 12,000 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 level	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2 0.8 0.0 -0.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 -0.7 -2.9 -0.5 -0.3 -2.8 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	-2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3 -6 1 0 0 -1 2	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9
Mail micro SAEPDO Dow Jones Notes FTSE 100 Exercisors 50 IBEX DOX CACAC CACAC MISC MSC JACAC MSC	20,480 18,419 7,148 3,410 10,265 12,000 19,443 677 76,714 64,128 48,579 91,374 760 3,197 5,607 level 112,3 84,8	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.2 -1.2 0.8 -0.2 -0.9 -0.8 -0.2 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 -0.7 -2.9 -0.5 -0.3 -0.7 Weekly -2.8 -1.0	-2 -6 -4 -1 0 -1 -3 5 0 0 0 -2 -3 -6 1 0 -1 2 Monthly -9 -6	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9 1 6 YTD
Main micro SAPPOD Dow Jones Noted FTSE 100  ETSE 100  ACAC MIB ACAC MIB MICROS ACAC MIB MICROS ACAC MIB MICROS ACAC MIB MICROS ACAC MICRO ACAC MICROS ACAC MICRO ACAC MICRO ACAC MICROS ACAC MICROS ACAC MICRO ACAC MICRO ACAC MICROS ACAC	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 464,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 level 112,3 84,8 58,2 22,4	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 -1.4 -0.3 -0.9 -0.8 -0.2 -1.2 -0.8 -0.0 -0.8 -0.2 -1.2 -1.2 -1.4 -1.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -2.1 -1.1 -0.7 -2.9 -0.5 -0.3 -2.8 -0.7	-2 -6 -4 -1 0 0 -1 -1 -3 5 0 0 0 -2 -3 -6 1 0 -1 2 2 Monthly -9 -6 -4 -10	3 3 -6 -1 3 8 4 4 2 -1 3 5 4 4 4 -5 12 -15 20 9 1 6 -2 -5 -2
Main Indices SeP900 Dow Jones Notes FTSE 100 Exercision S 0 BOX BOX GAC GAC MIB ASA Thress MSC Laters MSC Late	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 4,777 2,237 1,920 91,374 760 3,197 5,607 12,23 112,3 84,8 58,2 22,4 40,8 215,4	-0.5 -0.8 -0.8 -0.9 -1.0 -0.9 -1.7 -0.9 -1.7 -0.9 -1.2 -0.3 -0.9 -0.2 -1.2 -0.8 -0.2 -1.2 -0.8 -0.2 -1.2 -1.3 -0.6 -0.9 -1.1 -0.6 -0.9 -1.1 -0.6 -0.9 -1.1 -0.6 -0.9 -1.1 -0.3 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -2.1 -1.1 -0.7 -2.9 -0.3 -2.8 -0.7 -2.8 -1.7 -1.5 -2.2 -1.5 -2.2 -1.5 -2.2 -1.5	-2 -6 -4 -1 0 0 -1 -3 5 0 0 0 -2 -3 -6 1 0 0 -1 2 Monthly -9 -6 -4	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -9 1 6 -7 -1 9 1 6 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7
Main meters SSP590 Dow Jones Notes FTSE 100 Execution S 0 BDX	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 760 3,197 5,607 level 112,3 84,8 84,8 94,9 10,000 19,443 60,443 60	0.5 -0.8 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 -1.2 -0.3 -0.9 -0.2 -1.2 -0.2 -1.2 -0.3 -0.2 -1.2 -0.3 -0.2 -1.2 -0.3 -0.3 -0.4 -0.5 -	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3 -2.8 -0.7 -2.9 -0.3 -2.8 -1.5 -2.2 -1.5 -2.2 -1.5 -2.3 -3.3 -3.3 -3.3 -3.3 -3.3 -3.3 -3.3	-2 -6 -4 -1 0 1 -1 -1 -3 -5 0 0 0 -2 -3 -6 1 0 -1 2 Monthly 9 -6 -4 -1 0 9 -1 2 -6 -5 -5	3 3 6 -1 1 3 8 4 2 -1 3 5 4 4 -5 2 -1 5 20 9 1 6 -2 -5 -2 -6 -1 -7 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9
Mail meters SSPEPIO Dow Jones Notes FTSE 100 Exactions 50 BEX Exactions 50 BEX MIST AND MIST	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 level 112,3 84,8 58,2 22,4 40,8 215,4 98,2 215,4 98,2 11,4 98,2 11,4 98,2 11,4 98,2 11,4 98,2 11,4 98,2 11,4 98,2 11,4 98,2 11,4 98,2 11,4 11,4 11,4 11,4 11,4 11,4 11,4 11	0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.6 1.7 0.9 1.4 0.3 0.9 0.8 0.2 0.8 0.2 0.8 0.2 1.1 1.4 1.4 1.5 1.6 1.7 1.7 1.9 1.6 1.7 1.7 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -1.2 -1.3 -0.4 -0.8 -0.4 -2.1 -1.1 -0.7 -2.9 -0.3 -2.8 -0.7 -0.5 -0.7 -0.9 -1.5 -0.3 -1.1 -1.1 -1.1 -1.1 -1.1 -1.1 -1.1 -1	-2 -6 -4 -1 -1 -1 -3 -5 -5 -7 -7 -9 -6 -5 -5 -7 -7 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 6 -1 3 8 4 2 -1 3 5 5 4 4 4 5 5 20 9 1 6 6 YTD 6 6 2 5 2 6 6 -1 17 7 9 5 5 9
Main Indices SAPPOD Dow Jones Notes FTSE 100 Exercision S0 IEEX DOW JONES IEEX DOW JONES IEEX DOW JONES IEEX DOW JONES MISS MSC Latters MS	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 10,20 112,3 84,8 58,2 22,4 40,8 21,7 91,37 11,7 11,7 11,7 11,7 11,7 11,7 11,7	0.5 0.8 0.8 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.2 0.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -1.2 -1.3 -0.4 -0.8 -0.4 -2.1 -1.1 -0.7 -2.9 -0.3 -2.8 -0.7 -2.9 -1.5 -0.3 -2.8 -0.7 -1.1 -1.1 -1.1 -1.1 -1.1 -1.1 -1.1 -1	-2 -6 -4 -1 -1 -1 -1 -3 -5 -5 -7 -5 -4 -4	3 3 6 -1 3 8 4 2 -1 3 5 5 4 4 4 -5 5 20 9 1 6 6 YTD 6 -2 -5 -2 -6 6 -1 1 7 -9 -2 -2 -6 -6 -6
Main indicas SeP900 Dow Jones Noted FTSE 100 Caredono 50 CAC MIB Marcedono 50 MIB Model MO	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 12,24 40,8 22,4 40,8 22,4 40,8 21,7 91,37 11,7 11,7 11,7 11,7 11,7 11,7 11,7	0.5 0.8 0.3 0.2 0.5 0.9 0.9 0.9 0.9 0.2 0.2 0.2 0.2 0.2 0.2 0.4 0.2 0.5 0.9 0.4 0.4 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	-0.8	2 6 4 4 -1 1 1 3 5 0 0 0 0 2 2 3 6 6 1 1 0 0 1 1 2 Monthly 9 6 4 4 1 1 0 9 5 5 5 7 7 5 5 4 4 9 9 -1 2 1 2	3 3 6 1 1 3 8 4 2 1 3 5 1 4 4 5 5 12 15 20 9 1 1 6 2 5 5 2 6 6 11 7 7 9 5 5 9 2 2 6 6 11 8
Main meters SeP900 Dow Jones Notes FTSE 100 FTSE 100 ACAC MIB ACAC MIB ACAC MIB ACAC MIB MIS ACAC MIS	20,480 118,419 7,148 13,410 10,265 12,000 10,403 677 76,774 48,579 677 76,774 48,579 13,197 760 112,3 848 92 22,24 40,8 92 22,24 40,8 92 23,117 114,114 114,11	0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.7 1.7 1.9 1.4 1.8 1.5 1.5 1.6 1.8 1.5 1.5 1.6 1.8 1.5 1.5 1.6 1.8 1.5 1.5 1.7 1.8 1.5 1.5 1.7 1.8 1.5 1.5 1.7 1.8 1.5 1.5 1.7 1.8 1.5 1.5 1.5 1.7 1.8 1.5 1.5 1.5 1.7 1.8 1.5 1.5 1.5 1.7 1.8 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	- 0.8	2 6 4 1 1 3 5 0 0 0 0 2 3 6 6 1 1 0 0 4 1 1 2 8 5 5 4 9 9 1 1 2 8 5 5 5 5	3 3 6 1 1 3 8 4 2 1 3 5 1 4 4 5 5 12 12 5 10 15 5 2 6 6 11 1 7 7 9 9 2 2 6 11 1 8 7 7 7 7 7
Main indices SeP900 Dow Jones Notes FTSE 100 Exercision S 0 BDD S	2.0.480 7.148 8.419 7.148 8.419 7.148 8.419 7.148 6.412 7.6714 6.4.128	0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.7 0.9 1.6 0.8 0.2 0.8 0.2 0.8 0.2 1.2 1.4 1.2 1.4 1.7 1.8 1.5 1.5 1.1 1.1 1.1 1.1 1.2 1.1 1.1 1.2 1.1 1.2 1.1 1.2 1.1 1.2 1.1 1.2 1.1 1.2 1.1 1.2 1.1 1.2 1.1 1.2 1.1 1.2 1.1 1.2 1.1 1.2 1.1 1.2 1.1 1.2 1.1 1.2 1.2	0.8 3.0 1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	2 6 4 1 1 0 1 1 1 2 3 5 0 0 0 0 2 3 3 6 1 1 0 1 1 2 2 1 2 6 6 5 5 7 7 5 4 9 9 1 1 2 8 8 1 1 2 8 8 1 1 2 8 8 1 1 0 1 1 2 8 8 1 1 0 1 1 2 1 2 8 8 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 4 6 1 3 8 8 4 2 1 1 3 5 5 4 4 5 5 12 10 5 6 6 2 5 5 2 6 6 11 1 7 7 9 9 2 6 6 11 1 8 7 7 7 4 12 12
Main meters SePS00 Dow Jones Notes FTSE 100 Executions 50 BDX	20.480 7.148 3.410 10.265 4.990 4.990 4.990 6.76,714 6.714 6.714 6.712 6.712 6.712 6.713 6.713 6.714 6.712 6.713 6.713 6.714 6.713 6.714 6.713 6.714 6.713 6.714 6	0-5   0-8   0-8   0-8   0-8   0-8   0-9   0-9   1-6   0-9   1-6   0-9   1-7   0-9   0-8   0-2   1-2   0-8   0-9   0-8   0-9   0-8   0-9   0-9   1-9	0.8 3.0 1.7 1.5 1.7 1.5 1.7 2.2 2.3 3.4 2.1 1.5 1.7 1.5 1.7 2.2 2.3 3.5 1.5 1.7 1.5 1.7 1.7 1.5 1.7 1.7 1.5 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	2 6 4 1 1 0 1 1 1 2 3 5 5 0 0 0 0 2 2 3 6 6 1 1 0 0 1 1 2 5 5 5 7 7 5 5 4 9 9 1 1 2 8 8 1 0 1 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1	3 3 4 6 1 3 8 8 4 2 1 1 5 5 4 4 5 5 12 20 9 1 6 6 2 5 5 2 6 6 11 1 7 7 9 9 2 2 6 6 11 1 8 7 7 7 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
Minimizers SSEPSIO Dow Jones Notes FTSE 100 Examples of State of S	20.480 7.148 7.148 7.148 7.148 7.148 7.149 7.149 7.149 7.149 7.149 7.149 7.141	0.5 0.8 0.3 0.3 0.5 0.5 0.6 0.9 0.9 0.8 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	0.8 3.0 1.8 3.0 1.7 1.5 1.7 1.5 1.1 1.2 2.3 3.3 1.2 1.1 1.1 1.2 1.2 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	2 6 4 1 0 1 1 3 3 5 0 0 0 0 2 2 3 6 6 1 0 0 1 1 2 Monthly 9 6 4 1 10 9 1 1 2 8 8 1 1 2 8 8 1 1 1 1 1 1 1 1 1 1	3 3 4 4 4 2 1 3 5 5 12 15 5 0 9 1 1 6 5 2 2 5 2 2 6 6 111 7 7 9 9 5 9 9 1 4 4 6 6 7 7 7 4 12 4 6 6 7 5 5
Main teres SeP900 Dow Jones Noted FTSE 100 GEORGES FTSE 100 GEORGES GEORGES DAX CAC MIST MISTER MIST	20.480 7.148 3.410 10.265 4.990 4.90	0.5 0.8 0.3 0.3 0.5 0.5 0.6 0.9 0.6 0.9 0.6 0.9 0.8 0.2 0.2 0.5 0.8 0.2 0.2 0.5 0.8 0.2 0.2 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.8 3.0 1.8 3.0 1.7 1.5 1.7 1.5 1.1 1.2 2.9 1.5 1.1 1.0 7.9 1.5 1.1 1.1 1.2 1.2 1.2 1.3 1.3 1.4 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	2 6 4 1 0 1 1 3 3 5 0 0 0 0 2 2 3 6 6 1 0 1 1 2 6 4 1 1 2 6 5 5 7 7 5 4 9 1 1 2 8 8 1 1 2 1 2 8 8 1 1 2 1 2 1 2 8 8 1 1 2 1 2	3 3 4 4 4 2 -1 3 5 5 12 15 5 20 9 1 1 6 6 11 7 7 9 9 -2 2 6 6 -1 11 8 8 7 7 -4 4 12 -4 6 6 7 5 5 4 13
Main indicas SeP900 Dow Jones Notes FTSE 100 ETSE 100 ETS	20.480 7.148 3.410 10.265 4.990 11.944 7.67,14 4.990 11.947 7.67,14 4.957 7.70,14 4.95	0.5	0.8 3.0 1.1 1.1 1.1 1.2 1.2 1.3 3.3 0.4 4.0 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	2 6 4 1 1 0 1 1 1 3 5 5 0 0 0 0 2 3 6 6 1 1 0 1 1 2 2 6 6 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 4 4 2 -1 3 3 5 4 4 4 5 5 12 20 9 1 6 6 2 2 6 6 -1 11 8 8 7 7 7 4 12 4 6 6 7 5 5 4 13 34 16 16
Maria micro SAPPOD Dow Jones Notes FTES 100  ETES 100  ACA  MIB  ACA  ACA  MIB  ACA  MIS  MIS  ACA  MIS  MIS  MIS  MIS  MIS  MIS  MIS  MI	20.480 18.419 7.148 3.410 10.260 40.490 40.4	0.5	0.8 1.8 3.0 1.1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.1.1 1.2 1.2 1.3 3.3 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	2 6 4 1 0 1 1 3 5 0 0 0 0 2 3 6 6 1 1 2 2 1 2 6 4 4 1 1 1 2 2 1 2 1 2 1 2 1 2 1 2 1 2 1	3 3 4 4 4 2 1 3 3 5 12 15 20 9 1 6 6 2 5 5 2 6 6 11 7 7 7 4 12 4 6 6 7 7 5 4 13 34 34 34 34
Main interes SeP900 Dow Jones Notes FTSE 100  ETSE 100  ACAC MIB ACAC ACAC MIB ACAC MIS ACAC	20.480 18.419 7.148 3.410 10.260 40.490 40.4	0.5	0.8 3.0 1.8 3.0 1.7 1.5 1.7 1.5 1.1 1.2 2.8 2.8 2.7 1.5 2.2 3.5 2.6 4.6 3.3 3.2 2.3 3.2 2.3 3.2 2.1 2.4 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4	2 6 4 1 0 1 1 3 5 0 0 0 0 2 3 6 6 1 1 0 1 1 2 2 1 2 6 6 1 1 1 1 2 2 1 2 6 6 1 1 1 2 1 2	3 3 4 4 1 2 1 1 3 3 5 1 2 2 1 1 3 3 5 1 2 2 1 1 3 3 5 1 2 2 1 1 5 2 2 1 1 5 2 2 1 1 5 2 2 1 1 5 2 2 1 1 5 2 2 1 1 1 1
Main indicas SePano Dow Jones Notes FTSE 100 Exercision S 0 EDITOR	20.480 18.419 7.148 18.419 7.148 19.20 19.443 6.19 19.	0.5	0.8 3.0 1.1.7 1.5.5 1.1.1 1.2.2 1.3.3 1.3.3 1.2.1 1.5.	2 6 4 1 1 0 1 1 1 1 3 5 0 0 0 0 0 2 2 3 3 6 6 4 1 1 0 0 1 1 1 1 2 2 1 1 2 6 4 1 1 1 2 6 5 5 5 7 7 5 5 4 9 9 1 1 0 1 0 1 4 4 3 1 4 4 5 5 5 3 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	3 3 4 4 5 12 15 5 4 4 5 12 15 5 6 6 11 7 7 7 4 12 16 6 7 7 7 7 4 13 3 34 6 6 4 2 2 4 4
Minimisers SeP900 Dow Jones Noted FTSE 100 GENERAL SEP	20.480 118.419 7.148 18.419 7.148 18.419 7.148 112.00 119.413 14.990 119.413 14.990 119.413 14.990 119.413 14.990 119.413 14.990 119.413 14.990 119.413 14.990 119.413 14.990 14.777 760 14.970 16.070	0-5   0-5   0-5   0-5   0-5   0-5   0-5   0-5   0-5   0-5   0-6   0-7	0.88 3.00 1.18 3.00 1.17 1.15 1.17 1.15 1.11 1.22 1.11 1.17 1.23 1.33 1.34 1.07 1.17 1.17 1.17 1.18 1.18 1.19 1.18 1.19 1.19 1.19 1.19	-2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 4 4 5 12 15 16 6 6 7 7 9 9 5 2 6 6 111 7 7 4 12 4 6 6 7 5 1 3 3 4 1 6 4 2 2 4 4 8
Main indicas SePago Dow Jones Notes FTSE 100  ETSE 100  ACAC MIB ACAC MIB ACAC MIB ACAC MIB ACAC MIB ACAC MIB MICHAEL	20.480 18.419 7.148 18.419 7.148 18.419 7.148 19.20 19.40 19	-0.5   -0	0.88 3.00 1.18 3.00 1.17 1.15 1.17 1.15 1.17 1.15 1.17 1.15 1.17 1.17	-2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 4 4 1 3 3 4 4 4 5 12 15 12 10 10 10 10 10 10 10 10 10 10 10 10 10
Maria micro SAPPOD Dow Jones Notes FTSE 100  ETSE 100  ACAC MIB ACAC ACAC MIB ACAC MICRO M	20.480 18.419 7.148 18.419 7.148 19.10 11.00 11.	-0.5   -0	0.8 3.0 1.1.1 1.1.	-2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 4 4 2 1 3 5 4 4 4 5 5 2 2 6 6 11 1 7 7 9 9 5 9 2 2 2 2 6 6 11 1 1 7 7 7 4 1 1 2 6 6 7 7 7 4 1 1 3 3 4 4 4 6 5 2 4 6 6 7 7 7 7 4 1 1 1 1 6 6 7 7 7 7 4 1 1 1 1 6 6 7 7 7 7 7 7 7 8 7 8 7 8 7 8 7 8 7 8
Main indicas SeP900 Dow Jones Notes FTSE 100 Exercision S 0 EXECUTION EXECUT	20.480 18.419 7.148 18.419 7.148 19.20 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.20 19.43 19.43 19.20 19.43 19.20 19.43 19.20 19.43 19.20 19.	-0.5   -0	0.8 3.0 1.1.0 1.1.1 1.1.	-2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 6 6 7 7 8 9 9 1 1 1 1 1 1 2 5 9 9 2 6 6 7 7 9 1 1 2 1 2 6 7 7 5 4 1 3 3 4 4 2 1 1 3 3 5 7 7 4 2 4 4 4 4 2 2 4 4 8 3 3 4 4 2 2 4 4 8 8 3 4 4 2 2 4 4 8 8 3 4 4 2 2 4 4 8 8 3 4 4 2 2 4 4 8 8 3 4 4 2 2 4 4 8 8 3 4 4 4 2 2 4 4 8 8 3 4 4 4 2 2 4 4 8 8 3 4 4 4 2 2 4 4 8 8 3 4 4 4 4 2 2 4 4 8 8 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
Maria micro SeP900 Dow Jones Notes FTSE 100 Executions 50 BDX BDX FTSE 100 BDX	20.480 10.005 118.419 7.148 10.005 119.433 110.105 119.433 119	-0.5   -0.6   -0	0.8 d. 3.0 d. 4.1.7 d. 5.1.7 d	-2 -6 -4 -1 -1 -3 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	3 3 4 4 2 1 3 5 5 4 4 4 5 5 20 9 9 1 1 6 2 6 6 7 7 9 9 2 6 6 1 1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Marin merces SeP800 Dow Jones Nokel FTSE 100 Carbox 59 CAC MIB BURNES DAV CAC MIB BURNES BOOK SEP BOOK	20.480 11.419 17.148 18.419 17.148 17.148 17.148 17.148 17.148 17.148 17.148 17.148 18.149 18.1499 18.	0.5 0.8 0.3 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	-0.8   -0	2 6 4 1 1 1 3 5 5 0 0 0 2 3 6 1 0 0 1 1 2 7 1 2 7 1 2 5 5 7 7 5 5 8 8 1 1 0 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 1 2 1 2 7 1 2 8 1 2 1 2 7 1 2 8 1 2 1 2 7 1 2 8 1 2 1 2 7 1 2 8 1 2 1 2 7 1 2 8 1 2 1 2 7 1 2 7 1 2 8 1 2 1 2 7 1 2 7 1 2 8 1 2 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 1 1 1	3
Maria micros SAPPOD Dow Jones Noted FTSE 100 Lace Jones A CAC MIB Maria Maria DAX CAC MIB Maria Maria Morbol MAG CRI Karepe* Peland Morbol MAG CRI Karepe* Morbol MAG CRI Karepe* Peland Morbol MAG CRI Karepe* Morbol MAG CRI Maria Sharepland Morbol Maria Maria Morbol Maria Morbol Maria Morbol Morb	20.480 118.419 7.148 18.419 7.148 18.419 7.148 17.148 17.148 17.148 17.149 17.148 17.149 18.18 18.	-0.5   -0.5   -0.5   -0.5   -0.5   -0.5   -0.6   -0	0.8	2	3 3 6 1 3 8 4 2 1 1 3 8 8 4 2 1 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5
Main and cres SeP 900 Dow Jonns Notes FTSE 100 FTSE 100 ACAC MIB A	20.480 18.419 7.148 18.419 7.148 18.419 7.148 19.20 19.40 19	-0.5   -0	-0.8   -0	2	3   3   6   1   3   3   6   1   3   3   6   1   3   3   6   1   3   3   5   4   4   5   7   1   5   5   6   6   6   1   7   7   7   7   7   7   7   7   7
Main decres SEP 900 Dow Jones Notes FTSE 100 FTSE 100 ACAC MIB ACA	20.480 18.419 7.148 18.419 7.148 19.20 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.20 19.43 19.20 19.43 19.20 19.43 19.20 19.43 19.20 19.43 19.20 19.	0.5   0.8   0.8   0.8   0.9   0.5	0.8 3.30.3 1.8 3.30.3 1.9 3.1 1.5 5.1	2	3 3 4 2 1 3 3 8 4 2 2 1 1 5 2 9 9 1 6 7 7 9 9 2 2 6 1 1 1 1 1 1 1 2 1 2 1 2 1 2 1 2 1
Main interes SePago Dow Jones Notes FTSE 100 BERGER FTSE 100 BERGER FTSE 100 BERGER BE	20.480 18.419 7.148 18.419 7.148 19.20 19.20 19.20 19.413 19.20 19.413 4.990 19.413 4.990 19.413 4.990 19.413 4.990 19.413 4.990 19.413 4.990 19.413 4.990 19.413 4.990 19.413 4.990 19.413 19.20 19.2	-0.5   -0	0-88 3-18 3-18 3-18 3-18 3-18 3-18 3-18 3	2 6 4 1 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 4 4 7 3 3 8 4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 1 1 2 1 2
Maria micros SePano Dow Jones Notes FTSE 100 Executions 50 BIDX FTSE 100 Executions 50 BIDX BIDX BIDX BIDX BIDX BIDX BIDX BIDX	20.480 18.419 7.148 18.419 7.148 19.205 19.433 19.4	0.5   0.5	0.8 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	-2	3
Marin interes  SeP900  Dow Jones  Niside  FTSE 100  Lack Control September S	20.480 18.419 7.148 18.419 7.148 18.20 19.20 19.40 19.	0.5 0.8 0.0 0.9 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	-0.8	2	3 3 4 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Maria micros SAPPOD Dow Jonos Notes FTSE 100  ETSE 100  ACA  MB  MCC  MC  MC  MC  MC  MC  MC  MC  M	20.480 118.419 7.148 18.419 7.148 18.419 7.148 18.219 119.219	0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.6	-0.8   -0	26 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 6 1 3 3 8 4 2 1 1 3 3 8 4 4 2 1 1 5 5 6 6 6 1 1 1 7 7 7 4 1 1 2 2 4 8 8 3 3 1 1 4 4 4 8 8 3 3 4 1 4 4 8 8 3 3 4 1 4 4 8 8 3 3 4 1 4 4 8 8 3 3 4 1 4 4 8 8 3 3 4 1 1 5 5 7 7 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Main indicas SePago Dow Jones Notes FTSE 100 BERT CANA FTSE 100 BERT CANA BE	20.480 18.419 7.148 18.419 7.148 19.20 19.40 19.	0.5 0.8 0.9 0.9 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0-88 3-18 3-18 3-18 3-18 3-18 3-18 3-18 3	2 6 4 1 1 1 3 5 5 1 1 2 Moorthly -0.4 1 3 3 6 6 1 1 2 7 7 5 4 9 9 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	3 3 4 4 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1





Debt markets	( 10Y <u>, %, c</u> h	anges in t	ip)		
Developed Markets US (2-yr)	1.16	Daily -4.1	-7.3 -11.4	Month -15	YTD -5
US GER (2-yr)	2.18 -0.86	-6.7 -0.2	-11.4	-32 -9	-26 -9
Germany France	0.16	-3.1 -2.4	-1.4 -4.8 -7.0	-28 -22	-12 8
Spain	1.67	-3.7 -5.6	2.6	-21 -10	16 39
Portugal	3.82	-6.7	-3.6	-75	-36
Greece Japan (2-yr)	6.79 -0.22	11.9 -1.3	6.9 0.4	-61 -4	-10 -3
Japan Emerging Markets	0.01	-1.3 -2.7 Daily	-6.5 Weekly	-6 Monthly	-6 YTD
Brazil	10.05	-4.3	2.5	-18	-136
Chile Colombia	3.91 6.57	-0.1 -5.0	-3.4 -5.4	-42 -27	-42 -52
Mexico Peru	7.12 5.79	-3.1 0.2	-10.1 -5.1	-13 -16	-51 -68
Poland Russia	3.37 8.09	-4.1 3.7	-7.6 -3.0	-37 -5	-35 -36
Turkey	10.66	8.0	-3.0	-4	-34
India Indonesia	6.86 7.06	1.7	5.4 -2.7	-17	48 -78
Country ris	k (bp, chang	es in bp)			
Developed Markets  10-yr sovereign spread vs Germany	level	Daily	Weekly	Monthly	YTD
France Italy	74 211	0.7 -2.5	-2.2 2.8	6 18	20 51
Portugal	366	-3.6	1.2	-19	4
Spain 2-yr sovereign spread vs Germany	151	-0.6	7.4	7	36
France	54	0.7	-0.5	22	44
Italy Portugal	82 127	-2.5 0.9	0.1 2.4	-82	21 -20
Spain Emerging Markets	65	-2.5	-0.5	2	17 YTD
5-yr sovereign CDS *	level	Daily	weekiy	Monthly	TID
Brazil Chile	222 78	-1 2	4 5	8	-50 -4
Colombia	135	1	5	3	-28
Mexico Peru	129 104	1 2	3 4	-3 7	-27 -4
Venezuela	3,464	-25	-113	37	-441
Poland Russia	69 167	0	-5	5	-7 -9
Turkey	231	1	-3	8	-41
China India	88 99	0	5	7	-29 -28
Indonesia Ris	137	0	7	14	-19
Volatilty indicators (%)	level	Daily	Weekly	Monthly	YTD
VIX VST OXX	15 26	4.8 9.4	2 12	36 129	4 9
EM EFT volatility Index	21	3.1	7	50	4
Dollar/euro volatility EM FX volatility index	13 9	-2.9 -1.0	3 -2	91 4	26 -17
Credit spread (BAA) (bps)	237	6.7	10	8	10
US bonds volatility index Banking 5 y CDS (typs) *	71 level	-4.7 Daily	1 Weekly	17 Monthly	-7 YTD
US	63	0.3	- 1	3	-9
EZ UK	116 81	0.2	4	13 10	-9
Large Spanish	107	0.2	4	-1 9	-10 13
Medium Spanish Corporate 5y CDS (bps) *	165 level	Daily	Weekly	Monthly	YTD
US Non-financial EZ Non-financial	153 102	0.3	1 4	3 13	-9 8
UK Non-financial	123	0.0	2	12	-2
Interbank mar	rkets (%, che level	nges in b Daily	Weekly	Monthly	YTD
EONIA Index	-0.36	0.00	0.0	0.0	0.0
Euribor 3m Euribor 12m	-0.33 -0.12	0.00	0.0	0.0	0.0
Libor 3m Libor 12m	1.16	0.00	0.0	0.0	0.2
EZ TED spread 3 m	1.77 47.2	0.00	3.4	0.0 -11.3	-19.2
p					
	k markets (				
Stoc Main indices	k markets (	Daily	Weekly	Monthly	YTD
Stoc			Weekly -0.7 -0.8	Monthly -2 -2	YTD 3 3
Stoc Main indices S&P500 Dow Jones Nikkei	level 2,337 20,480 18,419	-0.5 -0.8 -0.3	-0.8 -1.8	-2 -6	3 -6
Stoc Main indices S&P500 Dow Jones Nikket FTSE 100 EuroStoxx 50	level 2,337 20,480 18,419 7,148 3,410	Daily -0.5 -0.8 -0.3 -2.5 -1.1	-0.8 -1.8 -3.0 -1.7	-2 -6 -4 -1	3 -6 -1 3
Main indices \$4,000 Dow Jones Nikkei FTSE 100 EuroStoxx 50 IBEX	level 2,337 20,480 18,419 7,148 3,410 10,265	Daily -0.5 -0.8 -0.3 -2.5 -1.1	-0.8 -1.8 -3.0 -1.7 -1.5	-2 -6 -4 -1 0	3 -6 -1
Main indices SEP500 Dow Jones Nakele FFEE TO0 EuroStoux 50 BIBCX DAX CAC	k markets 0 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2	-2 -6 -4 -1 0 -1	3 -6 -1 3 8 4 2
Main indices S&P500 Dow Jones Nikler FTSE 100 EEUSTOURS BEX BEX MEM MEM MEM MEM MEM MEM MEM MEM MEM M	k markets 0 level 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4	-2 -6 -4 -1 0 -1 -1 -3 5	3 -6 -1 3 8 4 2 -1 3
Stoc Malin indices \$68980 Dow Jones Noke FTSE 100 EEXOSOX \$0 BEX DAX CAC MBB ASE Alteris MSG Latam*	k markets 0 level 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8	-2 -6 -4 -1 0 -1 -1 -3 5	3 -6 -1 3 8 4 2 -1 3 5
Stoc  Sairs indices	level 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1	-2 -6 -4 -1 0 -1 -1 -3 5 0 0	3 -6 -1 3 8 4 2 -1 3 5
Main indices \$587800 Dow Jones Holder Holder Dow Jones Holder MSC Harts MSC H	k markets 0 level 2,337 20,480 18,419 7,148 3,410 10,265 12,000 19,443 677 76,714 64,128 48,579 4,777 2,237	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4	-2 -6 -4 -1 0 -1 -1 -3 5 0	3 -6 -1 3 8 4 2 -1 3 5
Stoc  15.07.100.ccs	k markets 0 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 48,579 4,777 2,237 1,920	Daily -0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 -0.7 -2.9	-2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3 -6	3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15
Stoc  Brain Indices  SAPS00  Does Jones  FFSE 100  EaroStock 50  EaroStock 50  EARO MICHAEL  AND MICHAEL  BOAN MIC	level 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 4,977 76,714 48,579 4,777 2,237 1,920 91,374 760	Daily -0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3	-2 -6 -4 -1 0 -1 -1 -3 -5 0 0 0 -2 -3 -6 1 0	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9
Stock SS-SS-SS-SS-SS-SS-SS-SS-SS-SS-SS-SS-SS-	k markets 0 level 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 76,3197	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 -1.4 -0.3 -0.9 -0.8 -0.2 -1.2 -0.8 -0.0 -0.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3 -2.8	-2 -6 -4 -1 0 -1 -1 -3 -5 0 0 0 -2 -3 -6 1 0 -1	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9
Machinetes 546900 Down Jones Nokel FFSE 100 Eurodison 50 BEX NS Nokel SEAS Allers MAGG Latam John Seas Seas Seas Seas Seas Seas Seas Seas	k markets © level 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 16vel	Daily -0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2 0.8 0.0 -0.8 -0.2 -0.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 -0.7 -2.9 -0.5 -0.3 -2.8 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	-2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3 -6 1 0 0 -1 2	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9
Stoc  SAPSO  Down Jones  FEET TO  EaroStock SO  EaroStock	k markets © level 2,337 20,480 18,419 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 91,374 7,000 19,430 19,400	Daily -0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2 0.8 0.0 -0.8 -0.2 -1.2 -0.8 -0.2 -1.2 -0.8 -0.2 -1.2 -0.8 -0.2 -1.2 -0.8 -0.8 -0.2 -1.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 0.7 -2.9 -0.5 -0.3 -2.8 -0.7 -0.8 -0.8 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9	-2 -6 -4 -1 0 -1 -3 5 0 0 0 -2 -3 -6 1 0 -1 2 2 Monthly -9	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9 1 6
Stoc  Sair Indices  Sair Seo  Dow Jone  The Sair Indices  Sair Seo  Dow Jone  Big Sair Seo  East	lovel 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,940 4,940 4,940 4,940 4,977 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 lovel 112.3 84.8 58.2	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 -1.4 -0.3 -0.9 -0.8 -0.2 -1.2 -0.8 -0.2 -1.2 -0.8 -0.2 -1.1 -0.8 -0.9 -0.8 -0.2 -1.1 -0.8 -0.9 -0.8 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3 -2.8 -0.7 -0.7 -0.8 -0.7 -0.8 -0.7	-2 -6 -4 -1 0 -1 -3 -5 0 0 -2 -3 -6 1 0 -1 2 Monthly -9 -6 -4	3 3 6 -1 3 8 4 2 -1 3 5 4 4 4 -5 12 -15 20 9 1 6 YTD -6 -2 -5
Stoc  16 nin Indices  56/950  16 nin Indices  56/950  18 nin Indices  18 nin I	k markets © level 2,337 2,3480 18,419 7,148 3,410 10,265 12,000 19,443 677 76,714 641,579 4,777 2,237 1,920 91,376 3,197 5,607 level 112,3 84.8	Daily -0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 -0.2 -0.8 -0.2 Daily -2.4 -1.2	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 -0.7 -2.9 -0.5 -0.3 -0.7 Weekly -2.8 -1.0	-2 -6 -4 -1 0 -1 -3 -5 0 0 0 -2 -3 -6 1 0 -1 2 Mornthly -9 -6 -4 -10 -9	3 3 6 -1 3 8 4 2 -1 3 5 4 4 5 12 -15 20 9 1 6 7 7 7 7 8 9 9 1 6 9 1 1 1 1 1 1 1 1 1 1 1 1 1
Stoc  Brain Indices  SAPS00  Does Jones  FFSE 100  EaroStox 5 0  EEX DOES  AUX CAC	lovel 2,337 20,480 18,419 20,480 18,419 10,265 677 76,714 44,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 lovel 112,3 84,8 58,2 22,4 40,8 215,4	Daily 0.5 + 0.8 + 0.5 + 0.8 + 0.5 + 0.8 + 0.5 + 0.8 + 0.5 + 0.6 + 0.9 + 1.6 + 0.3 + 0.9 + 0.8 + 0.2 + 1.2 + 0.8 + 0.0 + 0.8 + 0.2 + 0.8 + 0.2 + 1.2 + 0.8 +	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -2.1 -1.1 -0.7 -2.9 -0.3 -2.8 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7	-2 -6 -4 -1 0 -1 -3 5 0 0 0 -2 -3 -6 1 0 -1 2 2 Monthity -9 -6 -4 -10	3 3 6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -1 20 9 1 6 YTD -6 -2 -5 -2
Stoc  Brain indices  SAPS00  Dow Jones  FFSE ToO  EaroSiox 50  EaroSiox 50  EaroSiox 50  EARO  AND  AND  AND  AND  AND  AND  AND  AN	lovel 2,337 20,480 18,419 20,480 18,419 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 760 3,197 5,607 level 112,8 48,599 2,24 40,8 25,24 40,8 25,25 7,3 98,2 57,3	Daily 0.5 - 0.8 - 0.9 - 0.5 - 0.8 - 0.6 - 0.9 - 0.6 - 0.9 - 1.6 - 0.7 - 0.9 - 1.6 - 0.3 - 0.9 - 0.8 - 0.2 - 1.2 - 0.8 - 0.2 - 0.8 - 0.2 - 0.8 - 0.2 - 1.4 - 1.8 - 0.4 - 1.4 - 1.8 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.4 - 1.7 - 1.7 - 0.5 -	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3 -2.8 -0.7 -2.9 -0.3 -2.8 -1.5 -2.2 -1.5 -2.2 -1.5 -2.3 -3.3 -3.3 -3.3 -3.3 -3.3 -3.3 -3.3	-2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3 -6 -6 1 0 -1 2 Morstly 9 -6 -4 -10 -9 -12 -6 -5 -5 -5	3 3 6 -1 3 8 4 4 2 1 3 5 4 4 4 -5 20 9 1 6 -7 -7 -7 -9
Stoc  Stocker  Stocke	lovel 2.337 (20,480 18,419 7.148 3.410 10.265 12,000 4,990 19,443 677 76,714 64,128 48,579 4.777 5,607 19,20 19,374 760 3.197 5,607 19,20 40,90 19,374 98.2 22.4 40.8 215.4 98.2 57.3 11.7	Daily -0.5 -0.8 -0.6 -0.9 -0.6 -0.9 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.4 -1.4 -1.4 -1.4 -1.4 -1.4 -1.5 -1.8 -1.6 -1.4 -1.5 -1.8 -1.6 -1.4 -1.5 -1.8 -1.6 -1.5 -1.8 -1.6 -1.8 -1.8 -1.8 -1.8 -1.8 -1.8 -1.8 -1.8	-0.8 -1.8 -1.8 -1.7 -1.5 -1.1 -1.2 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3	2	3 3 3 6 6 1 1 3 8 8 4 4 2 2 1 1 3 5 5 4 4 4 4 5 5 1 2 2 0 9 1 1 6 6 2 2 5 5 2 6 6 1 1 1 7 7 9 5 5
Stoc  SAPSO  SAP	level (2,337, 20,480 18,419 7,148 3,410 10,265 12,000 19,443 3,410 464,128 48,579 4,777 7,1320 11,374 7,1320 11,374 4,818 58.2 22.4 40.8 215.4 98.2 25.7 3 11,7 14,9 13,7	Daily 10.5 1.1 1.1 1.8 1.5 1.1 1.1 1.1 1.1 1.5 1.5 1.5 1.1 1.1	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -1.2 -2 -3.3 -0.4 -2.1 -1.7 -0.5 -0.3 -0.7 -0.5 -0.7 -0.5 -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 -0.7 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8	-2 -6 -4 -1 -1 -1 -1 -3 -3 -5 0 0 0 -2 -3 -6 -6 -1 1 2 Monthly -9 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 46 41 3 8 4 4 2 4 1 3 5 5 4 4 4 4 5 5 12 20 9 1 1 6 6 2 5 5 2 6 6 11 7 7 9 5 9 2 2
Stoc  Brain Indices  SAPS00  Down Jones  FFSE 100  EaroStock 50  EaroSto	k mn/kts to level level   leve	Daily -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -1.2 -1.3 -0.4 -0.8 -0.4 -2.1 -1.1 -0.7 -2.9 -0.3 -2.8 -0.7 -2.9 -1.5 -0.3 -2.8 -0.7 -1.1 -1.1 -1.1 -1.1 -1.1 -1.1 -1.1 -1	-2 -6 -4 -1 -1 -1 -3 -5 -0 -0 -2 -3 -6 -1 1 -2 2 Monthly 9 -6 -4 -4 -10 -9 -12 -5 -5 -7 -7	3 3 46 -1 1 3 8 4 4 2 -1 1 3 5 5 4 4 4 5 5 12 20 9 1 6 7 10 6 -2 2 -5 -2 -6 -1 1 -7 -9 5 -9 -2 -6 6 -1 1 -7 -9 5 -9 -9 -2 -6 6 -1 1 -7 -9 5 -9 -9 -2 -6 6 -1 1 -7 -9 5 -9 -9 -2 -6 6 -1 1 -7 -9 5 -9 -9 -2 -6 6 -1 1 -7 -9 5 -9 -9 -2 -6 6 -1 1 -7 -9 5 -9 -9 -2 -6 6 -1 1 -7 -9 5 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9
Stoc  Marianization State 500 Down Jones Nikke TISE 100 Exarositous 50 BEX DAN MISS BEX DAN MISS BEX DAN MISS BEX MISS B	k markets 0 level 2.337 20.480 7.148	Daily 1.6 1.4 1.7 1.8 1.5 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	-0.8	2 6 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 4 6 11 3 8 8 4 2 11 3 5 5 4 4 5 5 20 9 1 6 6 2 2 5 2 6 6 11 7 9 9 2 2 6 6 11 8 8
Stoc  18-in-in-discs  18-displace  18-displa	k minkets 05 level 2,337 20,480 20,480 10,265 4,990 11,200 4,990 4,990 4,990 4,990 4,990 4,990 4,990 4,990 4,990 4,990 4,990 11,200 4,990 4,990 4,990 4,990 11,100	Daily 0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.6	- 0.8	2 6 4 1 1 0 0 1 1 1 3 5 0 0 0 0 2 3 6 6 1 0 0 1 1 2 2 0 1 1 1 0 0 0 1 1 2 1 1 1 1	3 3 6 1 3 8 8 4 2 1 1 3 5 5 4 4 4 4 5 5 1 2 2 0 9 9 1 6 6 7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
Maria Indicas SAR-PSO Down James Naked TIPSE 100 Eurosibus 50 BBX Eurosibus 50 BBX EX	k markets of level level 2,337 20,480 4990 4990 4990 4990 4990 4990 4990 4	Daily 0.5 0.8 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	0.8 3.0 1.7 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.5	2 6 4 1 1 0 1 1 3 5 0 0 0 0 2 3 6 1 0 0 1 2 2 Monthly 9 6 4 1 10 9 1 12 6 5 5 7 7 5 4 9 12 8 5 8	3
Stoc  Stocker  Stocke	k markets of level [198]	Daily 0.5 0.8 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	0.8 3.0 1.7 1.5 1.1 1.5 1.5 1.1 1.5 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.1	2 6 4 1 1 0 1 1 3 5 0 0 0 0 2 3 6 1 1 0 1 1 2 2 Monthly 9 6 4 1 10 6 5 5 5 7 7 5 4 9 1 2 8 8 5 8 1 10 10 10	3
Stoc  Stocker  Stocke	k markets of level [198]	Daily 0.5 0.8 0.8 0.3 0.3 0.3 0.5 0.5 0.9 0.9 0.9 0.8 0.9 0.9 0.8 0.2 0.9 0.9 0.8 0.2 0.9 0.9 0.8 0.6 0.9 0.9 0.8 0.6 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.8 3.0 1.8 3.0 1.7 1.5 1.1 1.5 1.5	2 6 4 1 1 1 1 3 3 5 0 0 0 2 3 6 1 1 0 4 4 1 1 1 2 5 5 7 7 5 4 4 8 5 8 1 10 4 3 3 1 10 1 10 1 10 1 10 1 10 1 1	3
March Letters  546/950  Down Jones  Niked  FFSE 100  Earodisous 50  BEX  ASS Alberts  MSG Latters  MSG Latter	k markets of level   l	Daily -0.5 -0.8 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2	0.8 3.0 1.8 3.0 1.7 1.5 1.7 1.5 1.1 1.2 2.3 3.3 1.2 1.1 1.1 1.2 1.2 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	2 6 4 1 1 0 1 1 1 3 5 0 0 0 2 3 6 6 1 1 0 0 1 1 2 2 Monthly 9 6 4 1 1 0 5 5 5 7 7 5 4 9 1 1 2 8 8 8 1 1 0 1 1 4 3 3 4 4	3 3 6 6 1 1 3 8 4 4 2 1 1 3 5 5 4 4 4 5 5 112 5 20 9 1 1 6 6 2 2 5 2 6 6 111 7 7 9 5 5 9 2 2 6 6 111 8 7 7 7 4 4 12 4 6 6 7 7 5
Stock  St	k markets of level [198]	Daily 0.5 0.8 0.3 0.3 0.3 0.5 0.6 0.9 0.6 0.9 0.0 0.8 0.2 0.4 0.9 0.0 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.0 0.0 0.8 0.8 0.2 0.8 0.2 0.8 0.0 0.0 0.8 0.8 0.2 0.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.8 3.0 1.8 3.0 1.7 1.5 1.7 1.5 1.1 1.2 2.9 1.5 1.1 1.0 7.9 1.5 1.1 1.1 1.2 1.2 1.2 1.3 1.3 1.4 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	2 6 4 1 0 1 1 1 3 3 5 0 0 0 0 2 2 3 6 6 1 0 1 2 2 Moortly 9 6 4 1 10 9 1 2 2 8 8 1 1 2 2 8 8 1 1 2 2 8 8 1 1 2 3 4 4 5 5 5	3 3 6 1 3 8 4 4 2 1 1 3 5 4 4 4 5 5 1 2 2 0 9 1 6 6 2 2 5 5 2 2 6 6 1 1 1 8 8 7 7 4 4 1 2 4 4 6 6 7 7 5 5 4 1 1 3 1 3 1 3
Marin Indices  SAP-500  SAP-50	k markets of Pevel	Daily 0.5 0.8 0.3 0.3 0.9 1.4 0.5 0.5 0.8 0.2 1.2 1.4 1.4 1.4 1.7 1.8 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	0.8 3.0 1.8 3.0 1.7 1.5 1.7 1.5 1.1 1.2 2.8 1.2 2.3 1.2 2.3 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 3.3	2 6 4 1 0 1 1 1 3 5 5 0 0 0 2 3 6 6 1 0 7 1 1 2 2 6 6 4 4 9 1 1 2 6 5 5 7 7 5 4 9 1 1 2 8 8 8 1 1 0 4 3 3 4 5 5	3
Maria Indiana Sate 500 Down James Naked TIFSE 100 Eurosibus 50 BBX EUROSib	k marketa të hevel  2.4373 20.480 20.480 20.480 3.410 10.265 112.000 119.443 3.410 10.265 112.000 119.443 3.410 119.443 3.410 119.443 3.410 119.443 117.748 118.74	Daily 0.5 0.8 0.3 0.3 0.3 0.9 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.8 3.0 1.8 3.0 1.7 1.5 1.7 1.5 1.1 1.2 2.8 2.8 2.7 1.5 2.2 3.5 2.6 4.6 3.3 3.2 2.3 3.2 2.3 3.2 2.1 2.4 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4	2 6 4 1 0 1 1 1 3 5 0 0 0 0 2 3 3 6 1 1 1 2 2 1 2 4 9 6 4 4 1 1 2 2 1 2 4 8 5 5 4 4 9 9 1 1 2 2 8 8 5 8 8 1 1 0 1 4 3 3 4 4 5 5 5 3 3 1 5 3 3	3 3 6 1 3 8 4 4 2 1 1 3 5 1 4 4 4 5 5 1 2 2 0 9 1 1 6 2 2 5 2 6 6 1 1 7 7 7 7 4 4 1 2 4 6 6 7 7 5 5 4 1 1 3 3 4 1 6 6 4 1 6 6 6 6 6 6 6 6 6 6 6 6 6 6
Maria Indiana Sate 500 Down James Naked TIFSE 100 Eurosibus 50 BBX EUROSib	k makta te kender kende	Daily 0.5 0.8 0.3 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.8 3.0 1.1 1.1 1.1 1.2 1.2 1.3 3.3 0.4 4.0 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	2 6 4 1 0 1 1 3 3 5 0 0 0 0 2 2 3 6 6 1 0 1 2 Monthly 9 6 4 1 10 9 1 2 8 8 1 1 2 8 8 1 1 2 5 5 5 7 7 5 5 4 9 1 2 5 5 5 7 7 5 5 4 9 1 2 5 5 5 7 7 5 5 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 6 1 3 3 8 4 4 2 1 1 3 3 5 4 4 4 5 5 12 20 9 1 6 6 2 2 6 6 11 1 8 7 7 4 1 2 4 6 6 7 7 5 5 4 13 344 16
Marinination  Ma	k marketa (c. levert)	Daily -0.5 -0.8 -0.8 -0.2 -0.5 -0.6 -0.9 -0.8 -0.6 -0.9 -0.8 -0.6 -0.9 -0.8 -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 -0.6 -0.7 -0.7 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.6 -0.6 -0.7 -0.7 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6	0.8 3.0 1.1.7 1.5 1.1.1 1.2.2 1.3.3 0.4 1.5 1.1.1 1.1.1 1.2.2 1.2.1 1.1.	2 6 4 1 0 1 1 1 3 5 0 0 0 0 2 3 6 1 1 0 1 1 2 2 1 2 6 4 4 1 1 2 2 6 5 5 7 7 5 4 9 1 1 2 8 5 5 8 1 1 0 1 1 2 8 5 5 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 6 1 3 8 4 4 2 1 1 3 5 5 1 2 0 9 1 1 6 6 7 7 4 4 1 2 4 6 6 7 7 5 4 4 1 3 3 4 1 3 3 4 1 1 6 6 4 2 2 Year
Stock  Stor 200	k maketa to kewel	0.8 0.8 0.8 0.8 0.8 0.9 0.9 0.0 0.1 1.6 0.6 0.1 0.6 0.6 0.1 0.7 v depression 0.7 v depressi	0.8 3.0 1.1.7 1.5.5 1.1.1 1.2.2 1.3.3 1.3.3 1.2.1 1.5.	2 6 4 1 1 0 1 1 1 1 3 5 0 0 0 0 0 2 2 3 3 6 6 1 1 0 0 1 1 2 2 1 1 2 6 4 1 1 1 0 9 9 1 1 2 1 2 6 4 1 1 0 1 1 1 2 1 1 2 6 5 5 5 7 7 5 5 4 9 1 1 1 0 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1	3 3 6 1 3 8 4 4 2 2 1 1 3 3 8 5 1 2 2 0 9 1 1 6 6 7 1 7 9 9 2 2 6 6 1 1 1 7 7 4 1 2 4 6 6 7 7 5 4 1 3 3 3 4 4 6 2 2 4 4 7 2 2 4 4 6 7 7 5 5 4 1 1 3 3 4 4 6 7 7 5 5 4 1 1 3 3 4 4 6 7 7 5 5 4 7 7 7 7 8 7 8 7 8 7 7 7 8 7 8 7 8 7 7 7 8 7 8 7 8 7 7 7 8 7 8 7 8 7 8 7 7 7 8 7 8 7 8 7 7 7 8 7
Maria incirca se   548-550  Down Jones  100 Jan	k mukete to level 2   1   2   2   2   2   2   2   2   2	Daily 0.5 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.8 0.0 0.9 0.9 0.9 0.9 0.8 0.0 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.88 3.00 1.18 3.00 1.17 1.15 1.17 1.15 1.17 1.15 1.17 1.17	2	3 3 6 6 1 3 8 8 4 2 2 1 3 3 5 5 1 2 5 5 2 6 6 6 1 1 1 7 7 7 9 9 2 2 6 6 6 1 1 1 8 7 7 7 7 4 4 6 6 7 7 5 5 4 1 1 3 3 4 4 1 6 6 7 7 5 5 4 4 1 1 3 3 4 4 2 2 4 8 8
Marinimical sea   Sade 500   Deve John Share   Marinimical sea   Sade 500   Deve John Share   Marinimical sea   Marinimi	k muktos to loved 1. 1	0.hy 0.5 0.hy 0.5 0.hy 0.5 0.hy 0.5 0.hy 0.5 0.h	0.88 3.00 1.18 3.00 1.17 1.15 1.17 1.15 1.11 1.12 1.13 1.33 1.34 1.07 1.15 1.03 1.28 1.00 1.15 1.15 1.28 1.00 1.15 1.15 1.28 1.00 1.15 1.16 1.16 1.17 1.18 1.18 1.18 1.18 1.18 1.18 1.18	-2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 4 4 5 2 1 1 3 3 8 8 4 4 5 2 1 1 1 3 3 8 8 4 4 5 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Maria Indicate  Selection  Maria Indicate  Selection  Maria Indicate  Maria In	k mutet)	Daily 0.5   0.5   0.5   0.5   0.6   0.7   0.9   1.6   0.9   1.6   0.9   1.7   0.9   1.7   0.9   1.8   0.0   0.8   0.2   0.8   0.2   0.8   0.2   0.8   0.2   0.8   0.2   0.8   0.1   1.4   1.4   1.4   1.5   1.1	0.88 3.0 1.1.2 1.1.7 1.5.5 1.1.2 1.2.2 1.1.2 1.1.1 1.1	2 - 2 - 6 - 4 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	3 3 4 4 4 5 12 15 16 16 17 17 17 17 17 17 17 17 17 17 17 17 17
Maria Indicas  444-950  Down Jones  Address  Add	k muket?	0.15 0.15 0.15 0.15 0.15 0.15 0.16 0.17 0.17 0.19 0.18 0.17 0.19 0.18 0.19 0.19 0.19 0.19 0.19 0.19 0.19 0.19	0.8 1.8 3.0 1.17 1.17 1.17 1.17 1.17 1.17 1.17 1.	2	3 3 4 4 4 5 12 15 16 16 17 17 17 17 17 17 17 17 17 17 17 17 17
MSCI Design of the Control of the Co	k muketa to lovel 1	0.19 0.5 0.6 0.1 0.6 0.1 0.6 0.1 0.6 0.1 0.6 0.1 0.6 0.1 0.6 0.1 0.5 0.1 0.6 0.1 0.5 0.1 0.1 0.5 0.1 0.1 0.5 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.8 3.0 1.1.1 1.1.	2 - 2 - 6 - 4 - 1 - 1 - 1 - 1 - 1 - 3 - 3 - 5 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	3 3 4 4 5 12 15 5 4 4 5 12 10 6 6 7 7 9 5 5 4 13 3 3 4 6 6 7 7 5 4 13 3 3 4 6 6 7 7 5 4 13 3 4 6 7 7 5 4 13 3 4 6 7 7 5 4 13 3 4 6 7 7 5 4 13 3 4 6 7 7 5 5 4 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7
MAST LINE CONTROL OF THE CONTROL OF	k mutet2   100   1	0.10	0.8 d. 3.0 d. 4.1.7 d. 5.1.7 d	2	3 3 4 4 2 1 3 5 1 1 2 2 1 1 5 5 1 1 2 2 2 2 4 1 1 3 1 3 1 4 1 1 4 1 1 1 1 1 1 1 1 1
Stock  St	k muketa to lovel 1	0.15 0.15 0.15 0.15 0.15 0.15 0.15 0.15	0.8	2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 4 4 2 1 3 5 4 4 4 5 5 2 6 6 111 7 7 7 4 12 4 6 6 7 7 7 5 4 13 3 3 4 16 4 2 2 4 8 3 3 3 4 4 2 2 4 8 8 3 3 4 4 4 8 8
Stock  SAS-590  Down Jones  SAS-590  Down Jones  SAS-590  Down Jones  SAS-590  Barry Jones  Barry Jones  SAS-590  Barry Jones  Barry Jones  SAS-690  BAS ASS ASS ASS ASS ASS ASS ASS ASS ASS	k mukto to love to lov	0.15	0.8	2	3 3 4 4 2 1 3 5 4 4 4 5 5 7 7 7 7 4 4 6 6 7 7 7 7 4 4 6 6 4 2 2 2 4 8 3 3 4 4 1 1 4 6 8 5 7 7 8 4 8 8 5 7 7 8 9 8 9 8 9 8 9 8 9 9 9 9 9 9 9 9 9
Maria Maria  Sate 500  Down James  Nation  This E 100  Eurositous 50  BEX  Eurositous 50  BEX  ASS Atheris  MAGI Latama  M	k unktež 2 2017 2017 2017 2017 2017 2017 2017 201	0.19 0.10 0.10 0.10 0.10 0.10 0.10 0.10	-0.8   -0	2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 4 4 5 4 4 5 4 4 5 5 4 4 4 5 5 5 4 4 5 7 7 7 4 4 6 6 7 7 7 7 4 4 6 6 7 7 7 7 4 4 6 6 7 7 7 7
Stock  Marithmicros  Sada-500  Dover Jonne  Note of the control of	k muketa to lover 1	0.19 0.19 0.19 0.19 0.19 0.19 0.19 0.19	-0.8   -0	2	3 3 4 4 5 5 7 7 7 7 7 7 7 4 4 4 6 7 7 5 4 4 3 3 4 4 4 8 8 5 5 7 3 3 4 4 4 8 8 5 5 7 7 3 3 3 4 4 4 8 8 5 5 7 7 3 3 3 4 4 5 5 5 7 3 3 3 4 5 5 7 7 3 3 3 4 5 5 7 7 3 3 3 4 5 5 7 7 3 3 3 4 5 5 7 7 3 3 3 4 5 5 7 7 3 3 3 5 5 7 7 3 3 3 5 7 7 7 7 7
MSCI Design of the Control of the Co	k muktot of lover of	0.15 0.08 0.3 0.25 0.8 0.8 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.8 3.30.3 1.8 3.30.3 1.1 1.1 1.1 1.5 1.5 1.5 1.5 1.5 1.5 1.5	2 6 4 1 1 1 3 5 5 0 0 0 2 3 6 6 1 1 2 2 7 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 4 4 2 1 3 5 4 4 4 5 5 7 7 7 4 4 6 6 7 7 7 7 4 4 8 3 3 4 4 1 4 8 3 3 4 4 1 4 8 3 4 4 1 4 8 3 4 4 1 4 8 3 4 4 1 4 8
MSCI Design of the Control of the Co	k mutet)	0.10 0.5 0.5 0.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-0.8   -0	2	3
Stock  St	k mukto to keep to kee	0.10 0.5 0.5 0.6 0.6 0.1 0.7 0.5 0.6 0.6 0.1 0.7 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-0.8   -0	2	3
James Stock  James	k maketa to lower	0.10 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0-8	2	3   6   6   7   7   7   7   7   7   7   7
Maria Indicate  Add-1900	k muketi C    Institute	0.10 0.5 0.5 0.8 0.6 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	-0.8   -0	2	3   3   6   6   7   7   7   7   7   7   7   7
Stock  St	k maketa to leave to the control of	Doubly   Color   Col	-0.8   -0	2	3   3   6   6   7   7   7   7   7   7   7   7
Social Services  SAS-PSD  Down Jones  SAS-PSD  Down Jones  Nikole  TESE 100  Eurositous 50  BEX  SAS AMERIS  SAS A	k market 2 2-237 2	0.19 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0-88 3-18 3-18 3-18 3-18 3-18 3-18 3-18 3	2 6 4 1 1 1 3 5 5 1 1 2 Monthly 0-4 1 1 5 5 5 1 3 0 3 3 0 3 3 0 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	3   3   4   4   5   7   7   7   7   7   7   7   7   7





Debt markets	(10X 9/ ·	anges in t	(A)		
Developed Markets US (2-yr)	1.16	Daily -4.1	Week	Month -15	YTD -5
US GER (2-yr)	2.18 -0.86	-6.7 -0.2	-7.3 -11.4 -1.4 -4.8	-32 -9	-26 -9
Germany France	0.16 0.89	-3.1 -2.4	-7.0	-28 -22	-12 8
Spain Italy	1.67 2.26	-3.7 -5.6	2.6 -2.0	-21 -10	16 39
Portugal Greece	3.82 6.79	-6.7 11.9	-3.6 6.9	-75 -61	-36 -10
Japan (2-yr) Japan Emercing Markets	-0.22 0.01	-1.3 -2.7 Dally	0.4 -6.5 Weekly	-6 Monthly	-3 -6 YTD
Brazil Chile	10.05	-4.3 -0.1	2.5 -3.4	-18 -42	-136 -42
Colombia Mexico	6.57 7.12	-5.0 -3.1	-5.4 -10.1	-27 -13	-52 -51
Peru Poland	5.79	0.2	-5.1 -7.6	-16 -37	-68 -35
Russia Turkey	8.09 10.66	-4.1 3.7 8.0	-3.0 -3.0	-5 -4	-36 -34
India Indonesia	6.86 7.06	1.7	5.4 -2.7	0 -17	48 -78
Country ris	k (bp. chang	es in bp) Daily	Weekly	Monthly	YTD
10-yr sovereign spread vs Germany France	74	0.7	-2.2	6	20
Italy Portugal	211 366	-2.5 -3.6	2.8	18 -19	51
Spain 2-yr so vereign spread vs Germany	151	-0.6	7.4	7	36
France Italy	54 82	0.7	-0.5 0.1	22 4	44 21
Portugal Spain	127	0.9	2.4	-82 2	-20 17
Emerging Markets 5-vr sovereign CDS*	level	Daily	Weekly	Monthly	YTD
Brazil	222	-1	4	8	-50
Chile Colombia	78 135 129	1	5 5 3	6 3 -3	-4 -28
Mexico Peru	104	2	4	7	-27 -4
Venezuela Poland	3,464 69 167	-25 0	-113 0	37 5	-441 -7
Russia Turkey	231	1	-5 -3	8	-9 -41
China India	88 99	0	5 1 7	7	-29 -28
Indonesia Ris	137 k indicators	0	/	14	-19
Volatilty indicators (%) VIX	level 15	Daily 4.8	Weekly 2	Monthly 36	YTD 4
VSTOXX EM EFT volatility Index	26 21	9.4 3.1	12 7	129 50	9
Dollar/euro volatility EM FX volatility index	13 9	-2.9 -1.0	3	91 4	26 -17
Credit spread (BAA) (bps) US bonds volatility index	237 71	6.7	10	8	10 -7
Banking 5y CDS (bps) *	level 63	Daily 0.3	Weekly	Monthly 3	YTD -9
EZ UK	63 116 81	0.3 0.2 0.1	4	13 10	.9 8 .9
Large Spanish Medium Spanish	107 165	0.2	4	-1 9	-10 13
Corporate 5y CDS (typs) *		Daily	Weekly	Monthly	YTD
US Non-financial EZ Non-financial	153 102	0.3	4	3 13	-9 8
UK Non-financial Interbank ma	123 rkets (%, cha		2	12	-2
EONIA Index	-0.36	Daily 0.00	Weekly 0.0	Monthly 0.0	0.0
Euribor 3m Euribor 12m	-0.33 -0.12	0.00	0.0	0.0	0.0
Libor 3m Libor 12m	1.16 1.77	0.00	0.0	0.0	0.2
EZ TED spread 3m	47.2 k markets (	0.00	3.4	-11.3	-19.2
	A HEIROLS (				
Main indices	level	Daily	Weekly	Monthly	YTD
	2,337 20,480	Daily -0.5 -0.8	Weekly -0.7 -0.8	Monthly -2 -2	YTD 3 3
Main indices S&P500 Dow Jones Nikkel FTSE 100	20,480 18,419 7,148	-0.5 -0.8 0.3 -2.5	-0.8 -1.8 -3.0	-2 -6 -4	3 -6 -1
Main indices S&P500 Dow Jones Nikkei	20,480 18,419 7,148 3,410	-0.5 -0.8 0.3 -2.5 -1.1	-0.8 -1.8 -3.0 -1.7	-2 -6 -4 -1	3 -6 -1 3
Main Indices S&P500 Dow Jones Nikkei FTSE 100 EuroStoxx 50	20,480 18,419 7,148	-0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9	-0.8 -1.8 -3.0	-2 -6 -4	3 -6 -1
Main indices SAP900 Dow Jones Nikod FTSE 100 EuroStoxx 50 IBEX DAX CAC MIB ASE Athens	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1	-2 -6 -4 -1 0 -1 -1 -3	3 -6 -1 3 8 4 2 -1 3
Halalandes SAPS00 Down Jones Nikota Nikota Nikota Nikota DO EuroStox SO BEX DAX CAC CAC MBB ASE Athers MBCI Latam*	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8	-2 -6 -4 -1 0 -1 -1 -3 5	3 -6 -1 3 8 4 2 -1 3 5
Main indices SAP900 Dow Jones Nikod FTSE 100 EuroStoxx 50 IBEX DAX CAC MIB ASE Athens	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 -1.4 -0.3 -0.9	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1	-2 -6 -4 -1 0 -1 -1 -3 5 0 0	3 -6 -1 3 8 4 2 -1 3
Mail micro SAPP00 Down Jones Down Jones Notes ETSE 100 ExeroStor 50 IBEX DAX CAC MSQ JAMES MSQ Listum* Iboverpa (Biczib) MSQ Listum* MSQ Listum* MSQ Listum Listupos* MSQ Listum Listupos*	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 -1.4 -0.3 -0.9 -0.8 -0.2	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 -0.7	-2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 2 -1 1 3
Mail micro SAPP00 Down Jones Down Jones Notes ETSE 100 ExeroStor 50 IBEX DAX CAC MSQ JAMES MSQ Listum* Iboverpa (Biczib) MSQ Listum* MSQ Listum* MSQ Listum Listupos* MSQ Listum Listupos*	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 4,579 4,777 2,237 1,920 91,374	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 -0.2 -1.2 0.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 0.7 -2.9 0.5	-2 -6 -4 -1 0 -1 -1 -3 -5 0 0 0 -2 -3 -6 1	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20
Missi micro SSEPDO Dow Jones Notes FTSE 100 Exercision 50 IEEX AXX AXX AXX AXX AXX AXX AXX AXX AXX	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 7,671 3,197	-0.5 -0.8 -0.8 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 -0.2 -1.2 0.8 -0.9	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3 -2.8	-2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3 -6 1 0 -1	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9
Mail micro SAEPDO Dow Jones Notes FTSE 100 Exercisors 50 IEEX DOX CAC CAC CAC CAC MICRO MSC Latam * Ibbovepa (Illiad) Mobic Model Mo	20,480 18,419 7,148 3,410 10,265 12,000 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 level	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2 0.8 0.0 -0.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 -0.7 -2.9 -0.5 -0.3 -2.8 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	-2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3 -6 1 0 0 -1 2	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9
Mail micro SAEPDO Dow Jones Notes FTSE 100 Exercisors 50 IBEX DOX CACAC CACAC MISC MSC JACAC MSC	20,480 18,419 7,148 3,410 10,265 12,000 19,443 677 76,714 64,128 48,579 91,374 760 3,197 5,607 level 112,3 84,8	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.2 -1.2 0.8 -0.2 -0.9 -0.8 -0.2 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 -0.7 -2.9 -0.5 -0.3 -0.7 Weekly -2.8 -1.0	-2 -6 -4 -1 0 -1 -3 5 0 0 0 -2 -3 -6 1 0 -1 2 Monthly -9 -6	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9 1 6 YTD
Main micro SAPPOD Dow Jones Noted FTSE 100  ETSE 100  ACAC MIB ACAC MIB MICROS ACAC MIB MICROS ACAC MIB MICROS ACAC MIB MICROS ACAC MICRO ACAC MICROS ACAC MICRO ACAC MICRO ACAC MICROS ACAC MICROS ACAC MICRO ACAC MICRO ACAC MICROS ACAC	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 464,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 level 112,3 84,8 58,2 22,4	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 -1.4 -0.3 -0.9 -0.8 -0.2 -1.2 -0.8 -0.0 -0.8 -0.2 -1.2 -1.2 -1.4 -1.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -2.1 -1.1 -0.7 -2.9 -0.5 -0.3 -2.8 -0.7	-2 -6 -4 -1 0 0 -1 -1 -3 5 0 0 0 -2 -3 -6 1 0 -1 2 2 Monthly -9 -6 -4 -10	3 3 -6 -1 3 8 4 4 2 -1 3 5 4 4 4 -5 12 -15 20 9 1 6 -2 -5 -2
Main Indices SeP900 Dow Jones Notes FTSE 100 Exercision S 0 BOX BOX GAC GAC MIB ASA Thress MSC Laters MSC Late	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 4,777 2,237 1,920 91,374 760 3,197 5,607 12,23 112,3 84,8 58,2 22,4 40,8 215,4	-0.5 -0.8 -0.8 -0.9 -1.0 -0.9 -1.7 -0.9 -1.7 -0.9 -1.2 -0.3 -0.9 -0.2 -1.2 -0.8 -0.2 -1.2 -0.8 -0.2 -1.2 -1.3 -0.6 -0.9 -1.1 -0.6 -0.9 -1.1 -0.6 -0.9 -1.1 -0.6 -0.9 -1.1 -0.3 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -2.1 -1.1 -0.7 -2.9 -0.3 -2.8 -0.7 -2.8 -1.7 -1.5 -2.2 -1.5 -2.2 -1.5 -2.2 -1.5	-2 -6 -4 -1 0 0 -1 -3 5 0 0 0 -2 -3 -6 1 0 0 -1 2 Monthly -9 -6 -4	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -9 1 6 -7 -1 9 1 6 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7
Main meters SSP590 Dow Jones Notes FTSE 100 Execution S 0 BDX	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 760 3,197 5,607 level 112,3 84,8 84,8 94,9 10,000 19,443 60,443 60	0.5 -0.8 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 -1.2 -0.3 -0.9 -0.2 -1.2 -0.2 -1.2 -0.3 -0.2 -1.2 -0.3 -0.2 -1.2 -0.3 -0.3 -0.4 -0.5 -	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3 -2.8 -0.7 -2.9 -0.3 -2.8 -1.5 -2.2 -1.5 -2.2 -1.5 -2.3 -3.3 -3.3 -3.3 -3.3 -3.3 -3.3 -3.3	-2 -6 -4 -1 0 1 -1 -1 -3 -5 0 0 0 -2 -3 -6 1 0 -1 2 Monthly 9 -6 -4 -1 0 9 -1 2 -6 -5 -5	3 3 6 -1 1 3 8 4 2 -1 3 5 4 4 -5 2 -1 5 20 9 1 6 -2 -5 -2 -6 -1 -7 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9
Mail meters SSPEPIO Dow Jones Notes FTSE 100 Exactions 50 BEX Exactions 50 BEX MIST AND MIST	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 level 112,3 84,8 58,2 22,4 40,8 215,4 98,2 215,4 98,2 11,4 98,2 11,4 98,2 11,4 98,2 11,4 98,2 11,4 98,2 11,4 98,2 11,4 98,2 11,4 98,2 11,4 11,4 11,4 11,4 11,4 11,4 11,4 11	0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.6 1.7 0.9 1.4 0.3 0.9 0.8 0.2 0.8 0.2 0.8 0.2 1.1 1.4 1.4 1.5 1.6 1.7 1.7 1.9 1.6 1.7 1.7 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -1.2 -1.3 -0.4 -0.8 -0.4 -2.1 -1.1 -0.7 -2.9 -0.3 -2.8 -0.7 -0.5 -0.7 -0.9 -1.5 -0.3 -1.1 -1.1 -1.1 -1.1 -1.1 -1.1 -1.1 -1	-2 -6 -4 -1 -1 -1 -3 -5 -5 -7 -7 -9 -6 -5 -5 -7 -7 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 6 -1 3 8 4 2 -1 3 5 5 4 4 4 5 5 20 9 1 6 6 YTD 6 6 2 5 2 6 6 -1 17 7 9 5 5 9
Main Indices SAPPOD Dow Jones Notes FTSE 100 Exercision S0 IEEX DOW JONES IEEX DOW JONES IEEX DOW JONES IEEX DOW JONES MISS MSC Latters MS	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 10,20 112,3 84,8 58,2 22,4 40,8 21,7 91,37 11,7 11,7 11,7 11,7 11,7 11,7 11,7	0.5 0.8 0.8 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.2 0.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -1.2 -1.3 -0.4 -0.8 -0.4 -2.1 -1.1 -0.7 -2.9 -0.3 -2.8 -0.7 -2.9 -1.5 -0.3 -2.8 -0.7 -1.1 -1.1 -1.1 -1.1 -1.1 -1.1 -1.1 -1	-2 -6 -4 -1 -1 -1 -1 -3 -5 -5 -7 -5 -4 -4	3 3 6 -1 3 8 4 2 -1 3 5 5 4 4 4 -5 5 20 9 1 6 6 YTD 6 -2 -5 -2 -6 6 -1 1 7 -9 -2 -2 -6 -6 -6
Main indicas SeP900 Dow Jones Noted FTSE 100 Caredono 50 CAC MIB Marcedono 50 MIB Model MO	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 12,24 40,8 22,4 40,8 22,4 40,8 21,7 91,37 11,7 11,7 11,7 11,7 11,7 11,7 11,7	0.5 0.8 0.3 0.2 0.5 0.9 0.9 0.9 0.9 0.2 0.2 0.2 0.2 0.2 0.2 0.4 0.2 0.5 0.9 0.4 0.4 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	-0.8	2 6 4 4 -1 1 1 3 5 0 0 0 0 2 2 3 6 6 1 1 0 0 1 1 2 Monthly 9 6 4 4 1 1 0 9 5 5 5 7 7 5 5 4 4 9 9 -1 2 1 2	3 3 6 1 1 3 8 4 2 1 3 5 1 4 4 5 5 12 15 20 9 1 1 6 2 5 5 2 6 6 11 7 7 9 5 5 9 2 2 6 6 11 8
Main meters SeP900 Dow Jones Notes FTSE 100 FTSE 100 ACAC MIB ACAC MIB ACAC MIB ACAC MIB MIS ACAC MIB MIS ACAC MIS	20,480 118,419 7,148 13,410 10,265 12,000 10,403 677 76,774 48,579 677 76,774 48,579 13,197 760 112,3 848 92 22,24 40,8 92 22,24 40,8 92 23,117 114,114 114,11	0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.7 1.7 1.9 1.4 1.8 1.5 1.5 1.6 1.8 1.5 1.5 1.6 1.8 1.5 1.5 1.6 1.8 1.5 1.5 1.7 1.8 1.5 1.5 1.7 1.8 1.5 1.5 1.7 1.8 1.5 1.5 1.7 1.8 1.5 1.5 1.5 1.7 1.8 1.5 1.5 1.5 1.7 1.8 1.5 1.5 1.5 1.7 1.8 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	- 0.8	2 6 4 1 1 3 5 0 0 0 0 2 3 6 6 1 1 0 0 4 1 1 2 8 5 5 4 9 9 1 1 2 8 5 5 5 5	3 3 6 1 1 3 8 4 2 1 3 5 1 4 4 5 5 12 12 5 10 15 5 2 6 6 11 1 7 7 9 9 2 2 6 11 1 8 7 7 7 7 7
Main indices SeP900 Dow Jones Notes FTSE 100 Exercision S 0 BDD S	2.0.480 7.148 8.419 7.148 8.419 7.148 8.419 7.148 6.412 7.6714 6.4.128	0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.7 0.9 1.6 0.8 0.2 0.8 0.2 0.8 0.2 1.2 1.4 1.2 1.4 1.7 1.8 1.5 1.5 1.1 1.1 1.1 1.1 1.2 1.1 1.1 1.2 1.1 1.2 1.1 1.2 1.1 1.2 1.1 1.2 1.1 1.2 1.1 1.2 1.1 1.2 1.1 1.2 1.1 1.2 1.1 1.2 1.1 1.2 1.1 1.2 1.1 1.2 1.1 1.2 1.2	0.8 3.0 1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	2 6 4 1 1 0 1 1 1 2 3 5 0 0 0 0 2 3 3 6 1 1 0 1 1 2 2 1 2 6 6 5 5 7 7 5 4 9 9 1 1 2 8 8 1 1 2 8 8 1 1 2 8 8 1 1 0 1 1 2 8 8 1 1 0 1 1 2 1 2 8 8 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 4 6 1 3 8 8 4 2 1 1 3 5 5 4 4 5 5 12 10 5 6 6 2 5 5 2 6 6 11 1 7 7 9 9 2 6 6 11 1 8 7 7 7 4 12 12
Main meters SePS00 Dow Jones Notes FTSE 100 Executions 50 BDX	20.480 7.148 3.410 10.265 4.990 4.990 4.990 6.76,714 6.714 6.714 6.712 6.712 6.712 6.713 6.713 6.714 6.712 6.713 6.713 6.714 6.713 6.714 6.713 6.714 6.713 6.714 6	0-5   0-8   0-8   0-8   0-8   0-8   0-9   0-9   1-6   0-9   1-6   0-9   1-7   0-9   0-8   0-2   1-2   0-8   0-9   0-8   0-9   0-8   0-9   0-9   1-9	0.8 3.0 1.7 1.5 1.7 1.5 1.7 2.2 2.3 3.4 2.1 1.5 1.7 1.5 1.7 2.2 2.3 3.5 1.5 1.7 1.5 1.7 1.7 1.5 1.7 1.7 1.5 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	2 6 4 1 1 0 1 1 1 2 3 5 5 0 0 0 0 2 2 3 6 6 1 1 0 0 1 1 2 5 5 5 7 7 5 5 4 9 9 1 1 2 8 8 1 0 1 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1	3 3 4 6 1 3 8 8 4 2 1 1 5 5 4 4 5 5 12 20 9 1 6 6 2 5 5 2 6 6 11 1 7 7 9 9 2 2 6 6 11 1 8 7 7 7 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
Minimizers SSEPSIO Dow Jones Notes FTSE 100 Examples of State of S	20.480 7.148 7.148 7.148 7.148 7.148 7.149 7.149 7.149 7.149 7.149 7.149 7.141	0.5 0.8 0.3 0.3 0.5 0.5 0.6 0.9 0.9 0.8 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	0.8 3.0 1.8 3.0 1.7 1.5 1.7 1.5 1.1 1.2 2.3 3.3 1.2 1.1 1.1 1.2 1.2 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	2 6 4 1 0 1 1 3 3 5 0 0 0 0 2 2 3 6 6 1 0 0 1 1 2 Monthly 9 6 4 1 10 9 1 1 2 8 8 1 1 2 8 8 1 1 1 1 1 1 1 1 1 1	3 3 4 4 4 2 1 3 5 5 12 15 5 0 9 1 1 6 5 2 2 5 2 2 6 6 111 7 7 9 9 5 9 9 1 4 4 6 6 7 7 7 4 12 4 6 6 7 5 5
Main teres SeP900 Dow Jones Noted FTSE 100 GEORGES FTSE 100 GEORGES GEORGES DAX CAC MIST MISTER MIST	20.480 7.148 3.410 10.265 4.990 4.90	0.5 0.8 0.3 0.3 0.5 0.5 0.6 0.9 0.6 0.9 0.6 0.9 0.8 0.2 0.2 0.5 0.8 0.2 0.2 0.5 0.8 0.2 0.2 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.8 3.0 1.8 3.0 1.7 1.5 1.7 1.5 1.1 1.2 2.9 1.5 1.1 1.0 7.9 1.5 1.1 1.1 1.2 1.2 1.2 1.3 1.3 1.4 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	2 6 4 1 0 1 1 3 3 5 0 0 0 0 2 2 3 6 6 1 0 1 1 2 6 4 1 1 2 6 5 5 7 7 5 4 9 1 1 2 8 8 1 1 2 1 2 8 8 1 1 2 1 2 1 2 8 8 1 1 2 1 2	3 3 4 4 4 2 -1 3 5 5 12 15 5 20 9 1 1 6 6 11 7 7 9 9 -2 2 6 6 -1 11 8 8 7 7 -4 4 12 -4 6 6 7 5 5 4 13
Main indicas SeP900 Dow Jones Notes FTSE 100 ETSE 100 ETS	20.480 7.148 3.410 10.265 4.990 11.944 7.67,14 4.990 11.947 7.67,14 4.957 7.70,14 4.95	0.5	0.8 3.0 1.1 1.1 1.1 1.2 1.2 1.3 3.3 0.4 4.0 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	2 6 4 1 1 0 1 1 1 3 5 5 0 0 0 0 2 3 6 6 1 1 0 1 1 2 2 6 6 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 4 4 2 -1 3 3 5 4 4 4 5 5 12 20 9 1 6 6 2 2 6 6 -1 11 8 8 7 7 7 4 12 4 6 6 7 5 5 4 13 34 16 16
Maria micro SAPPOD Dow Jones Notes FTES 100  ETES 100  ACA  MIB  ACA  ACA  MIB  ACA  MIS  MIS  ACA  MIS  MIS  MIS  MIS  MIS  MIS  MIS  MI	20.480 18.419 7.148 3.410 10.260 40.490 40.4	0.5	0.8 1.8 3.0 1.1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.1.7 1.5 1.1.1 1.2 1.2 1.3 3.3 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	2 6 4 1 0 1 1 3 5 0 0 0 0 2 3 6 6 1 1 2 2 1 2 6 4 4 1 1 1 2 2 1 2 1 2 1 2 1 2 1 2 1 2 1	3 3 4 4 4 2 1 3 3 5 12 15 20 9 1 6 6 2 5 5 2 6 6 11 7 7 7 4 12 4 6 6 7 7 5 4 13 34 34 34 34
Main interes SeP900 Dow Jones Notes FTSE 100  ETSE 100  ACAC MIB ACAC ACAC MIB ACAC MIS ACAC	20.480 18.419 7.148 3.410 10.260 40.490 40.4	0.5	0.8 3.0 1.8 3.0 1.7 1.5 1.7 1.5 1.1 1.2 2.8 2.8 2.7 1.5 2.2 3.5 2.6 4.6 3.3 3.2 2.3 3.2 2.3 3.2 2.1 2.4 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4	2 6 4 1 0 1 1 3 5 0 0 0 0 2 3 6 6 1 1 0 1 1 2 2 1 2 6 6 1 1 1 1 2 2 1 2 6 6 1 1 1 2 1 2	3 3 4 4 1 2 1 1 3 3 5 1 2 2 1 1 3 3 5 1 2 2 1 1 3 3 5 1 2 2 1 1 5 2 0 9 1 1 6 6 2 2 5 2 2 6 6 1 1 1 7 7 7 4 1 2 4 6 6 7 7 5 4 1 1 3 3 4 1 6 6 7 7 5 4 1 1 3 1 3 4 1 6 6 7 7 5 4 1 1 3 1 3 4 1 6 6 7 7 5 4 1 1 3 1 3 4 1 6 6 7 7 5 4 1 1 3 1 3 4 1 6 6 7 7 5 4 1 1 3 1 3 4 1 6 6 7 7 5 4 1 1 3 1 3 1 4 1 6 6 7 7 5 4 1 1 3 1 3 1 4 1 6 6 7 7 5 4 1 1 3 1 3 1 4 1 6 6 7 7 5 4 1 1 3 1 3 1 4 1 6 6 7 7 5 4 1 1 3 1 3 1 4 1 6 6 7 7 5 4 1 1 3 1 4 1 6 6 7 7 5 4 1 1 3 1 4 1 6 6 7 7 5 4 1 1 3 1 4 1 6 6 7 7 5 4 1 1 3 1 4 1 6 6 7 7 5 4 1 1 3 1 4 1 6 6 7 7 5 6 9 1 1 4 1 6 6 7 7 5 6 9 1 1 4 1 6 6 7 7 7 7 8 1 1 4 1 6 6 7 7 7 8 1 1 4 1 6 6 7 7 7 8 1 1 4 1 6 6 7 7 7 8 1 1 4 1 6 6 7 7 7 8 1 1 4 1 6 6 7 7 8 1 1 4 1 6 6 7 7 8 1 1 4 1 6 6 7 7 8 1 1 4 1 6 6 7 7 8 1 1 4 1 6 6 7 7 8 1 1 4 1 6 6 7 7 8 1 1 4 1 6 6 7 7 8 1 1 4 1 6 6 7 7 8 1 1 4 1 6 6 7 7 8 1 1 4 1 6 6 7 7 8 1 1 4 1 6 6 7 7 8 1 1 4 1 6 6 7 7 8 1 1 4 1 6 6 7 7 8 1 1 4 1 6 6 7 7 8 1 1 4 1 6 6 7 8 1 1 4 1 6 6 7 8 1 1 4 1 6 6 7 8 1 1 4 1 4 1 6 6 7 8 1 1 4 1 4 1 6 6 7 8 1 1 4 1 4 1 6 6 7 8 1 1 4 1 4 1 6 6 7 8 1 1 4 1 4 1 6 6 7 8 1 1 4 1 4 1 6 6 7 8 1 1 4 1 4 1 6 6 7 8 1 1 4 1 4 1 4 1 4 1 6 6 7 8 1 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4
Main indicas SePano Dow Jones Notes FTSE 100 Exercision S 0 EDITOR	20.480 18.419 7.148 18.419 7.148 19.20 19.443 6.19 19.	0.5	0.8 3.0 1.1.7 1.5.5 1.1.1 1.2.2 1.3.3 1.3.3 1.2.1 1.5.	2 6 4 1 1 0 1 1 1 1 3 5 0 0 0 0 0 2 2 3 3 6 6 4 1 1 0 0 1 1 1 1 2 2 1 1 2 6 4 1 1 1 2 6 5 5 5 7 7 5 5 4 9 9 1 1 0 1 0 1 4 4 3 1 4 4 5 5 5 3 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	3 3 4 4 5 12 15 5 4 4 5 12 15 5 6 6 11 7 7 7 4 4 12 14 6 6 7 7 5 4 13 3 34 6 6 4 2 2 4 4
Minimisers SeP900 Dow Jones Noted FTSE 100 GENERAL SEP	20.480 118.419 7.148 18.419 7.148 18.419 7.148 112.00 119.413 14.990 119.413 14.990 119.413 14.990 119.413 14.990 119.413 14.990 119.413 14.990 119.413 14.990 119.413 14.990 14.777 760 14.970 16.070	0-5   0-5   0-5   0-5   0-5   0-5   0-5   0-5   0-5   0-5   0-6   0-7	0.88 3.00 1.18 3.00 1.17 1.15 1.17 1.15 1.11 1.22 1.11 1.17 1.23 1.33 1.34 1.07 1.17 1.17 1.17 1.18 1.18 1.19 1.18 1.19 1.19 1.19 1.19	-2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 4 4 5 12 15 16 6 6 7 7 9 9 5 2 6 6 111 7 7 4 12 4 6 6 7 5 1 3 3 4 1 6 4 2 2 4 4 8
Main indicas SePago Dow Jones Notes FTSE 100  ETSE 100  ACAC MIB ACAC ACAC MIB	20.480 18.419 7.148 18.419 7.148 18.419 7.148 19.20 19.40 19	-0.5   -0	0.88 3.00 1.18 3.00 1.17 1.15 1.17 1.15 1.17 1.15 1.17 1.15 1.17 1.17	-2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 4 4 1 3 3 4 4 4 5 12 15 12 10 10 10 10 10 10 10 10 10 10 10 10 10
Maria micro SAPPOD Dow Jones Notes FTSE 100  ETSE 100  ACAC MIB ACAC ACAC MIB ACAC MICRO M	20.480 18.419 7.148 18.419 7.148 19.10 11.00 11.	-0.5   -0	0.8 3.0 1.1.1 1.1.	-2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 4 4 2 1 3 5 4 4 4 5 5 2 2 6 6 11 1 7 7 9 9 5 9 2 2 2 2 6 6 11 1 1 7 7 7 4 1 1 2 6 6 7 7 7 4 1 1 3 3 4 4 4 6 5 2 4 6 6 7 7 7 7 4 1 1 1 1 6 6 7 7 7 7 4 1 1 1 1 6 6 7 7 7 7 7 7 7 8 7 8 7 8 7 8 7 8 7 8
Main indicas SeP900 Dow Jones Notes FTSE 100 Exercision S 0 EXECUTION EXECUT	20.480 18.419 7.148 18.419 7.148 19.20 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.20 19.43 19.43 19.20 19.43 19.20 19.43 19.20 19.43 19.20 19.	-0.5   -0	0.8 3.0 1.1.0 1.1.1 1.1.	-2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 6 6 7 7 8 9 9 1 1 1 1 1 1 2 5 9 9 2 6 6 7 7 9 1 1 2 1 2 6 7 7 5 4 1 3 3 4 4 2 1 1 3 3 5 7 7 4 2 4 4 4 4 2 2 4 4 8 3 3 4 4 2 2 4 4 8 8 3 4 4 2 2 4 4 8 8 3 4 4 2 2 4 4 8 8 3 4 4 2 2 4 4 8 8 3 4 4 2 2 4 4 8 8 3 4 4 4 2 2 4 4 8 8 3 4 4 4 2 2 4 4 8 8 3 4 4 4 2 2 4 4 8 8 3 4 4 4 4 2 2 4 4 8 8 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
Maria micro SeP900 Dow Jones Notes FTSE 100 Executions 50 BDX BDX FTSE 100 BDX	20.480 10.005 118.419 7.148 10.005 119.433 110.105 119.433 119	-0.5   -0.6   -0	0.8 d. 3.0 d. 4.1.7 d. 5.1.7 d	-2 -6 -4 -1 -1 -3 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	3 3 4 4 2 1 3 5 5 4 4 4 5 5 20 9 9 1 1 6 2 6 6 7 7 9 9 2 6 6 1 1 7 7 7 7 7 7 7 7 1 1 2 1 4 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Marin merces SeP800 Dow Jones Nokel FTSE 100 Carbox 59 CAC MIB BURNES DAV CAC MIB BURNES BOOK SEP BOOK	20.480 11.419 17.148 18.419 17.148 17.148 17.148 17.148 17.148 17.148 17.148 17.148 18.149 18.1499 18.	0.5 0.8 0.3 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	-0.8   -0	2 6 4 1 1 1 3 5 5 0 0 0 2 3 6 1 0 0 1 1 2 7 1 2 7 1 2 5 5 7 7 5 5 8 8 1 1 0 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 1 2 1 2 7 1 2 8 1 2 1 2 7 1 2 8 1 2 1 2 7 1 2 8 1 2 1 2 7 1 2 8 1 2 1 2 7 1 2 8 1 2 1 2 7 1 2 7 1 2 8 1 2 1 2 7 1 2 7 1 2 8 1 2 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 1 1 1	3
Maria micros SAPPOD Dow Jones Noted FTSE 100 Lace Jones A CAC MIB Maria Maria DAX CAC MIB Maria Maria Morbol MAG CRI Karepe* Peland Morbol MAG CRI Karepe* Morbol MAG CRI Karepe* Peland Morbol MAG CRI Karepe* Morbol MAG CRI Maria Sharepland Morbol Maria Maria Morbol Maria Morbol Maria Morbol Morb	20.480 118.419 7.148 18.419 7.148 18.419 7.148 17.148 17.148 17.148 17.149 17.148 17.149 18.18 18.	-0.5   -0.5   -0.5   -0.5   -0.5   -0.5   -0.6   -0	0.8	2	3 3 6 1 3 8 4 2 1 1 3 8 8 4 2 1 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5
Main and cres SeP 900 Dow Jonns Notes FTSE 100 FTSE 100 ACAC MIB A	20.480 18.419 7.148 18.419 7.148 18.419 7.148 19.20 19.40 19	-0.5   -0	-0.8   -0	2	3   3   6   1   3   3   6   1   3   3   6   1   3   3   6   1   3   3   5   4   4   5   7   1   5   5   6   6   6   1   7   7   7   7   7   7   7   7   7
Main decres SEP 900 Dow Jones Notes FTSE 100 FTSE 100 ACAC MIB ACA	20.480 18.419 7.148 18.419 7.148 19.20 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.20 19.43 19.20 19.43 19.20 19.43 19.20 19.43 19.20 19.43 19.20 19.	0.5   0.8   0.8   0.8   0.9   0.5	0.8 3.30.3 1.8 3.30.3 1.1 1.1 1.1 1.5 1.5 1.5 1.5 1.5 1.5 1.5	2	3 3 4 2 1 3 3 8 4 2 2 1 1 5 2 9 9 1 6 7 7 9 9 2 2 6 1 1 1 1 1 1 1 2 1 2 1 2 1 2 1 2 1
Main interes SePago Dow Jones Notes FTSE 100 BERGER FTSE 100 BERGER FTSE 100 BERGER BE	20.480 18.419 7.148 18.419 7.148 19.20 19.20 19.20 19.413 19.20 19.413 4.990 19.413 4.990 19.413 4.990 19.413 4.990 19.413 4.990 19.413 4.990 19.413 4.990 19.413 4.990 19.413 4.990 19.413 19.20 19.2	-0.5   -0	0-88 3-18 3-18 3-18 3-18 3-18 3-18 3-18 3	2 6 4 1 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 4 4 7 3 3 8 4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 1 1 2 1 2
Maria micros SePano Dow Jones Notes FTSE 100 Executions 50 BIDX FTSE 100 Executions 50 BIDX BIDX BIDX BIDX BIDX BIDX BIDX BIDX	20.480 18.419 7.148 18.419 7.148 19.205 19.433 19.4	0.5   0.5	0.8 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	-2	3
Marin interes  SeP900  Dow Jones  Niside  FTSE 100  Lack Control September S	20.480 18.419 7.148 18.419 7.148 18.20 19.20 19.40 19.	0.5 0.8 0.0 0.9 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	-0.8   -0	26 4 4 1 1 1 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 4 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Maria micros SAPPOD Dow Jonos Notes FTSE 100  ETSE 100  ACA  MB  MCC  MC  MC  MC  MC  MC  MC  MC  M	20.480 118.419 7.148 18.419 7.148 18.419 7.148 18.219 119.219	0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.6	-0.8   -0	26 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 6 1 3 3 8 4 2 1 1 3 3 8 4 4 2 1 1 5 5 6 6 6 1 1 1 7 7 7 4 1 1 2 2 4 8 8 3 3 1 1 4 4 4 8 8 3 3 4 1 4 4 8 8 3 3 4 1 4 4 8 8 3 3 4 1 4 4 8 8 3 3 4 1 4 4 8 8 3 3 4 1 1 5 5 7 7 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Main indicas SePago Dow Jones Notes FTSE 100 BERT CANA FTSE 100 BERT CANA BE	20.480 18.419 7.148 18.419 7.148 19.20 19.40 19.	0.5 0.8 0.9 0.9 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0-88 3-18 3-18 3-18 3-18 3-18 3-18 3-18 3	2 6 4 1 1 1 3 5 5 1 1 2 Moorthly -0.4 1 3 3 6 6 1 1 2 7 7 5 4 9 9 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	3 3 4 4 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1





Debt markets Developed Markets US (2-yr)	(10Y, %, ch level 1,16	anges in b Daily -4.1	Week	Month -15	YTD -5
GER (2-yr)	2.18 -0.86	-6.7 -0.2	-11.4	-32 -9	-26 -9
Germany Erance	0.16	-3.1 -2.4	-4.8 -7.0	-28 -22	-12 8
Spain Italy Portugal	1.67 2.26 3.82	-3.7 -5.6	2.6 -2.0 -3.6	-21 -10 -75	16 39 -36
Greece Japan (2-yr)	6.79	-6.7 11.9 -1.3	-3.6 6.9 0.4	-61 -4	-10 -3
Japan Emerging Markets	0.01 level	-1.3 -2.7 Daily	-6.5 Weekly	-6 Monthly	-6 YTD
Brazil Chile	10.05 3.91	-4.3 -0.1	2.5 -3.4	-18 -42	-136 -42
Colombia Mexico Peru	6.57 7.12 5.79	-5.0 -3.1 0.2	-5.4 -10.1 -5.1	-27 -13	-52 -51 -68
Peru Poland Russia	3.37 8.09	0.2 -4.1 3.7	-5.1 -7.6 -3.0	-16 -37 -5	-35 -36
Turkey India	10.66 6.86	8.0 1.7	-3.0 5.4 -2.7	-4 0	-34 48
Indonesia Country ris	7.06	-1.2 es in bp)		-17	-78
Developed Markets 10-yr sovereign spread vs Germany	level	Daily	Weekly	Monthly	YTD
France	74 211	0.7 -2.5	-2.2 2.8	6 18	20 51
Portugal Spain	366 151	-3.6 -0.6	1.2 7.4	-19 7	4 36
2-yr sovereign spread vs Germany France	54	0.7	-0.5	22	44
Italy Portugal Spoils	82 127 65	-2.5 0.9	0.1 2.4 -0.5	-82 2	21 -20 17
Spain Emerging Markets	level	-2.5 Daily	Weekly	Monthly	YTD
5-yr so vereign CDS * Brazil Chile	222 78	-1 2	4	8	-50 -4
Colombia Mexico	135 129	1	5	3	-4 -28 -27
Peru Venezuela	104 3,464	-25	4	7	-4 -441
Poland Russia	69 167	0	0	5 2	-441 -7 -9
Turkey	231 88	1 0	-3 5	8	-41 -29
India Indonesia	99 137	0	1 7	2	-28 -19
Ris	k indicators	Daily	Weekly	Monthly	YTD
VIX VSTOXX	15 26	4.8 9.4	2	36 129	4 9
EM EFT volatility Index Dollar/euro volatility	21 13	3.1	7	50 91	4 26
EM FX volatility index Credit spread (BAA) (bps)	9 237	-1.0 6.7	-2 10	8	-17 10
US bonds volatility index Banking 5 y CDS (bps) *	71 level	-4.7 Daily	1 Weekly	17 Monthly	-7 YTD
US EZ	63 116	0.3	1 4	3 13	-9 <b>8</b>
UK Large Spanish	81 107	0.1	4	10 -1	-9 -10
Medium Spanish Corporate 5y CDS (bps) *	165 level	0.3 Daily	-1 Weekly	9 Monthly	13 YTD
US Non-financial EZ Non-financial	153 102	0.3	4	13	-9 8
UK Non-financial Interbank ma	123 rkets (%, cha	0.0 inges in by		12	-2
EONIA Index	-0.36	Daily 0.00	Weekly 0.0	Monthly 0.0	9TD 0.0
Euribor 3m Euribor 12m	-0.33 -0.12	0.00	0.0	0.0	0.0
Libor 3m Libor 12m	1.16	0.00	0.0	0.0	0.2 0.1
EZTED spread 3m	47.2 k markets (	0.00	3.4	-11.3	-19.2
Main indices	level	Daily	Weekly	Monthly	YTD
Main indices S&P500 Dow Jones	2,337 20,480	Daily -0.5 -0.8	-0.7 -0.8	-2 -2	3
Main indices S&P500 Dow Jones Nikkei FTSE 100	2,337 20,480 18,419 7,148	Daily -0.5	-0.7 -0.8 -1.8 -3.0 -1.7	-2	3
Main indices S&P500 Dow Jones Nikkel FTSE 100 EuroStoxx 50 IBEX	2,337 20,480 18,419 7,148 3,410 10,265	Daily -0.5 -0.8 -0.3 -2.5 -1.1	-0.7 -0.8 -1.8 -3.0 -1.7 -1.5	-2 -2 -6 -4 -1 0	3 -6 -1 3
Main Indices S&P500 Dow Jones Nikkei FTSE 100 EuroStoxx 50	2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443	0.5 -0.8 -0.3 -2.5 -1.1	-0.7 -0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3	-2 -2 -6 -4 -1	3 -6 -1 3
Mohnteles SAPS00 Dow Jenes Nökel FFEET 00 Earthoux 50	2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4	-0.7 -0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8	-2 -2 -6 -4 -1 0 -1 -1 -3 5	3 -6 -1 3 8 4 2 -1 3
Histories co SAPSID Down Jones Naked HISTORIES OF THE STORY OF T	2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579	0.3 -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9	-0.7 -0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1	-2 -2 -6 -4 -1 0 -1 -1 -3 -5 0 0	3 -6 -1 3 8 4 2 -1 3 5
Manufaces SeeDig Dow Jones Notes FTSE 100 Exercision S0 BDX MISCA	2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237	0aily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2	-0.7 -0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 -0.7	-2 -2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5
Intelligence Sep590 Dow Jones Notes FFSE 100 EuroStox 50 IBCX CAX CAX CAX CAX CAX MSCI Latam* Ibovepa (Biazō) Mocbol MocDol MocDol MocDol MocDol MocDol MocMocMocResopor Polard Misco (Greated to the Control of the Con	2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 2,237 1,920 91,374	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2	0.7 -0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -2.1 -1.1 0.7 -2.9 0.5	-2 -2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3 -6 1	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20
Intelligence Sep590 Dow Jones Notes FTSE 100 EuroStox 50 IBCX OXX CAS IBCX OXX OXX OXX OXX OXX OXX OXX OXX OXX O	2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 76,3197	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 -1.4 -0.3 -0.9 -0.8 -0.2 -1.2 -0.8 -0.0 -0.8	0.7 0.8 1.8 3.0 1.7 1.5 1.1 2.2 3.3 0.4 0.8 0.4 2.1 1.1 0.7 2.9 0.5 0.3 0.3 0.4	-2 -2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3 -6 1 0	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9
Intelligence SASPS90 Dow Jones Notes FFSE 100 EuroStox 50 IBEX DAX CAC CAC CAC IBEX Downses MSG Latam * Ibevespa Illiazib Mocbol MocDol MocRosope Poland MSG EM Lerope * Poland MSG EM Lerope * NSG Bakalar Sharpsis Gordonesia Jakara Microesia Jakara Microesia	2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2	-0.7 -0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3 -2.8 -0.7 Weekly	-2 -2 -2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3 -6 1 0	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -9
Initial Initial Constant Supplies Suppl	18,419 20,480 18,419 7,148 3,410 10,265 12,000 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 level 112,3	Daily -0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 -0.2 -0.8 -0.2 Daily -2.4 -0.2 Daily -2.4 -1.2	-0.7 -0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -2.1 -1.1 -0.7 -2.9 -0.3 -2.8 -0.7 -2.8 -0.7	-2 -2 -2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3 -6 1 0 -1 2 Monthly -9 -6	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9 1 6 YTD
SAES DESCRIPTION OF THE SAES O	18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 level	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 -1.4 -0.3 -0.9 -0.8 -0.2 -1.2 -0.8 -0.2 -0.8 -0.2 -0.8	-0.7 -0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -2.1 -1.1 -0.7 -2.9 -0.5 -0.3 -2.8 -0.7 -0.3 -2.8 -0.7 -0.3 -1.5 -0.3 -0.4 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	-2 -2 -2 -6 -4 -1 0 -1 -1 -3 -5 0 0 -2 -3 -6 1 0 -1 2 Monthly 9	3 3 6 -1 3 8 4 2 -1 3 5 4 4 4 -5 12 -15 20 9 1 6 7 7 7
Intelligence SASPS90 Dow Jones Notes FFSE 100 EuroStox 50 IBEX DAX CAC CAC CAC CAC MSD JABAN MSCI Latam * Ibbovepa (Biazō) Mocbol Mocbol Mocbol Mocbol Mocbol Mocbol Mochol Mocho	10 level 2,337 20,480 21,481 2	Daily -0.5 -0.8 -0.9 -0.5 -0.8 -0.6 -0.9 -0.5 -0.6 -0.9 -0.5 -0.6 -0.9 -0.5 -0.6 -0.9 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	-0.7 -0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 -0.7 -2.9 -0.3 -2.8 -1.0 -1.5 -1.1 -1.1 -1.1 -1.1 -1.2 -1.3 -1.5 -1.1 -1.5 -1.1 -1.5 -1.1 -1.5 -1.1 -1.5 -1.1 -1.5 -1.1 -1.5 -1.1 -1.5 -1.1 -1.5 -1.5	-2 -2 -2 -6 -4 -1 -1 -1 -3 -5 0 0 -2 -3 -6 1 0 -1 2 Monthly -9 -6 -4 -10	3 3 -6 -1 3 8 4 4 2 -1 3 5 4 4 4 -5 -1 20 9 1 6 -2 -2 -5 -2
SAMPONE  BOW JOINES  SAMPONE  FTSE 100  FTSE 100  ACAC  MIB  MIS  ACAC  MIB  MIS  MIS  MIS  MIS  MIS  MIS  MIS	level 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 579 4,777 2,237 1,920 91,374 7660 31,197 5,607 level 112,3 84,8 58,2 22,4 40,8 215,4 98,2 57,3 11,7	Daily -0.5 -0.8 -0.9 -0.1 -0.5 -0.8 -0.9 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.4 -1.2 -1.4 -1.4 -1.4 -1.4 -1.8 -1.4 -1.7 -1.8 -1.8 -1.4 -1.7 -1.8 -1.8 -1.8 -1.8 -1.8 -1.8 -1.8 -1.8	0.7 0.8 1.8 3.0 1.7 1.5 1.1 1.5 1.1 2.2 3.3 0.4 2.1 1.1 0.5 0.5 0.5 0.5 0.7 Veckly 1.5 1.5 1.1 1.7 1.7 1.1 1.7 1.7 1.1 1.7 1.7 1.7	-2	3 3 6 1 1 3 8 4 4 2 1 1 3 5 5 4 4 4 5 5 12 20 9 1 1 6 6 2 5 5 2 6 6 11 7 9 9 5 5
Maria micro SAEPDO Dow Jones Notes FTSE 100 Exercision S0 BIOLO BI	level 2,337 20,480 18,419 20,480 18,419 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 level 112,3 84,8 58,2 22,4 40,8 215,3 11,7 14,9 8,2 57,3 11,7	Daily -0.5 -0.8 -0.8 -0.8 -0.8 -0.8 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2	0.7 0.8 1.8 3.0 1.7 1.5 1.1 1.5 1.1 2.2 3.3 0.4 0.8 0.4 1.0 7 2.9 0.5 0.3 2.8 0.7 2.8 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	-2	3 3 6 -1 3 8 4 2 -1 3 5 4 4 4 5 5 12 20 9 9 1 6 6 2 6 6 11 7 7 9 5 9 -2 2
Intelligence Septime Dow Jones Notes FTSE 100 Exercision SO BEX MISCA MI	level 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 7,67 1,920 11,23 84,8 56,27 12,23 84,8 215,4 40,8	Daily -0.5 -0.8 -0.8 -0.2 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 -1.6 -1.7 -0.9 -1.6 -1.7 -1.8 -1.1 -1.1 -1.1 -1.1 -1.1 -1.1 -1.1	0.7 1.8 3.0 1.7 1.5 1.1 1.1 1.2 2.3 3.0 0.4 0.8 0.7 2.9 0.5 0.3 0.7 2.8 0.7 2.8 0.7 2.8 1.0 2.8 1.5 2.8 1.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2	-2	3 3 6 -1 3 8 4 2 -1 3 5 4 4 4 5 5 12 20 9 9 1 6 6 2 6 6 -1 11 7 9 9 5 2 6 6 11 1 7 9 9 5 2 6 6 11 1 7 9 9 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Intelligence SASESDO Dow Jones Notes FTSE 100 Exercision SO BEX MISCA BEX MISCA CAC MIB ASSA Alterias MISCA Latam* Ibboverpa (Illiano) MISCA MIS	Level 2,337 7 7 18 18 18 18 18 18 18 18 18 18 18 18 18	Daily   -0.5   -0.8   -0.8   -0.8   -0.8   -0.8   -0.9   -1.1   -0.6   -1.7   -0.9   -1.6   -0.3   -0.9   -1.7   -0.9   -1.4   -0.3   -0.9   -1.2   -1.2   -1.2   -1.4   -1.8   -1.4   -1.8   -1.4   -1.8   -1.4   -1.8   -1.1   -1.1   -1.1   -1.1   -1.1   -1.1   -1.1   -1.2   -1.1   -1.2   -1.1   -1.3   -1.2   -1.1   -1.3   -1.2   -1.1   -1.3   -1.2   -1.1   -1.3   -1.2   -1.1   -1.3   -1.2   -1.2   -1.2   -1.2   -1.2   -1.2   -1.2   -1.2   -1.3   -1.3   -1.3   -1.4   -1.4   -1.5   -1.1   -1.1   -1.3   -1.2   -	0.7 deskly 1.5 deskly	-2	3 3 6 1 1 3 8 4 2 1 3 5 5 4 4 5 5 12 20 9 1 6 6 2 2 6 6 111 7 7 9 9 2 2 6 6 111 8 7 7 11 8 7
Maria micros SARSPO Dow Jones Notes FTSE 100 Exception S BEX DOX MARIA M	2,337 7,248 112.3 8,192.4 112.	Daily   -0.5   -0.8   -0.8   -0.8   -0.8   -0.8   -0.8   -0.8   -0.9   -1.6   -0.9   -1.7   -0.9   -1.6   -0.9   -1.7   -0.9   -1.7   -0.9   -1.8   -1.4   -0.3   -0.2   -1.4   -0.3   -0.2   -1.4   -1.4   -1.4   -1.4   -1.4   -1.4   -1.4   -1.4   -1.5   -1.1   -1.1   -1.1   -1.1   -1.1   -1.1   -1.1   -1.1   -1.1   -1.2   -1.1   -1.3   -1.4   -1.4   -1.4   -1.4   -1.4   -1.4   -1.5   -1.1   -	0.7 0.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1	-2	3 3 6 1 1 3 8 4 2 1 3 5 4 4 5 5 12 20 9 1 6 6 YTD 6 2 2 6 6 11 7 7 9 9 2 6 6 11 8 7 7 7 7 4
SAMPONO DOWN JONES SAMPONO DOWN JONES SAMPONO FEES TOO  FEES TOO  CAC MISS MISS MISS MISS MISS MISS MISS MIS	2,337 2,24 2,24 4,08 4,26 4,27 4,27 7,27 4,27 7,27 4,27 7,27 4,27 7,27 4,27 7,27 4,27 7,27 4,27 7,27 4,27 7,27 4,27 7,27 4,27 7,27 4,27 7,27 4,27 7,27 4,27 7,27 4,27 7,27 4,27 7,27 4,27 7,27 4,27 7,27 4,27 7,27 4,27 7,27 4,27 4	Daily   -0.5   -0.8   -0.8   -0.8   -0.8   -0.8   -0.8   -0.8   -0.9   -1.6   -0.9   -1.7   -0.9   -1.6   -0.9   -1.7   -0.9   -0.8   -0.2   -0.8   -0.2   -0.8   -0.2   -0.8   -1.4   -1.4   -1.4   -1.4   -1.4   -1.4   -1.5   -1.1   -0.3   -1.6   -0.2   -0.7   -0.8   -	0.7 0.8 1.8 3.0 0.8 1.8 3.0 0.8 1.8 3.0 0.8 1.7 1.7 1.5 1.1 1.2 2.9 0.5 2.8 0.7 2.8 1.0 1.5 2.6 4.6 5.0 4.5 3.9 3.5 2.6 4.6 4.6 4.9 3.5 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6	-2 -2 -6 -4 -1 -1 -1 -1 -3 -5 -5 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 6 1 3 8 4 4 2 1 1 3 5 4 4 5 5 20 9 1 1 6 2 2 6 6 11 7 7 9 9 2 2 6 6 11 8 7 7 7 7 4 12 4 4
Marin micro SAPEDIO Dow Jones Notes FTSE 100  Exercision SO  EXERC	1	Daily 0.5 0.8 0.8 0.3 0.3 0.2 0.5 0.1 0.8 0.0 0.9 0.2 0.2 0.8 0.0 0.9 0.2 0.2 0.8 0.0 0.9 0.1 0.8 0.0 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.7 0.8 1.8 3.0 1.7 1.5 1.1 1.5 1.1 1.1 1.2 2.3 0.4 0.8 0.8 0.8 0.7 2.1 1.1 1.1 1.0 1.7 2.8 0.7 2.8 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9	-2 -2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 6 1 3 8 4 4 2 1 1 3 3 5 4 4 5 5 20 9 1 6 6 2 5 5 2 6 6 1 1 1 7 7 9 9 2 2 6 6 1 1 1 8 7 7 7 4 4 6 6 7
Intelligence Septime Dow Jones Notes FTSE 100 Exercision S 0 BBX BBX BBX BBX BBX BBX BBX BBX BBX BB	1	Daily 0.5 0.8 0.8 0.3 2.5 1.1.1 0.3 0.9 0.8 0.0 0.2 1.2.4 1.2 1.4 1.5 1.5 1.1 1.2 1.1 1.1 0.3 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	0.7 0.8 1.8 3.0 1.7 2.9 1.5 1.1 1.1 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	-2 -2 -6 -4 -1 -1 -1 -3 -5 -5 -7 -5 -5 -4 -9 -1 -1 -1 -3 -5 -5 -7 -5 -5 -8 -1 -1 -1 -3 -4 -5 -5 -1 -1 -1 -3 -4 -5 -5 -1 -1 -1 -3 -4 -5 -5 -1 -1 -1 -4 -3 -4 -5 -5 -1 -1 -1 -4 -3 -4 -5 -5 -1 -1 -1 -4 -3 -4 -5 -5 -1 -1 -1 -4 -3 -4 -5 -5 -1 -1 -1 -4 -5 -5 -5 -1 -1 -1 -4 -3 -4 -5 -5 -1 -1 -1 -4 -3 -4 -5 -5 -1 -1 -1 -4 -5 -5 -1 -1 -1 -4 -5 -5 -1 -1 -1 -4 -5 -5 -1 -1 -1 -4 -5 -5 -1 -4 -4 -5 -5 -1 -1 -4 -5 -5 -1 -4 -4 -5 -5 -1 -1 -4 -5 -5 -1 -4 -4 -5 -5 -5 -1 -4 -4 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	3 3 4 6 1 3 8 4 4 2 1 3 3 5 12 15 20 9 1 6 6 22 5 2 6 6 11 1 7 7 7 4 12 4 6 6 7 7 5 4
SARPON DOW JOINES NOISE SARPON DOW JOINES NOISE FTSE TOO  Exceptions SO  AND AND AND AND AND AND AND AND AND AN	2.237 2.0480 7.148 3.410 10.265 6.4128 48,579 91.374 49.90 91.374 40.8 92.2 1112.3 92.2 1112.3 92.2 1112.3 92.2 1112.3 92.2 1112.3 92.2 1112.3 92.2 1112.3 92.2 1112.3 92.2 1112.3 92.2 1112.3 92.2 1112.3 92.2 1112.3 92.2 92.2 92.2 92.2 92.2 92.2 92.2 9	Daily -0.5 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8	0.7 0.8 1.8 1.8 3.0 1.7 1.5 1.1 1.7 1.5 1.1 1.7 1.5 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	-2 -2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 4 6 1 3 8 4 4 2 1 1 3 5 5 4 4 4 5 5 12 15 5 2 6 6 111 7 7 9 9 5 9 9 1 2 6 6 111 8 7 7 7 4 12 4 6 6 7 5 5
Marin Brown September 1 September 1 September 2 Septem	2.337 2.0480 7.148 3.410 10.265 6.4128 48.579 7.6714 48.777 7.6714 48.777 7.6714 48.777 7.6714 48.777 7.6714 48.777 7.6714 48.777 7.6714 7.60 112.3 9.22 112.3 9.22 112.3 112.	Daily 0.5 0.8 0.3 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.7 0.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1	-2 -2 -6 -4 -1 -1 -1 -3 -5 -5 -5 -9 -1 -1 -1 -4 -3 -4 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	3 3 4 6 1 3 8 4 4 2 1 3 3 5 12 15 20 9 1 6 6 2 5 5 2 6 6 11 1 8 7 7 7 4 12 4 6 6 7 7 5 4 13 34 34 34
SASE DEPORT DOWN JOINES NINGE FTSE 100 Exercitors SO BEX MISC ACA MIS ACS Afters MISC LIST MISC	2.337 2.0480 7.148 3.410 10.265 6.4128 48.579 7.6714 48.777 7.6714 48.777 7.6714 48.777 7.6714 48.777 7.6714 48.777 7.6714 48.777 7.6714 7.60 112.3 9.22 112.3 9.22 112.3 112.	0.8   0.6   0.6   0.6   0.7	0.7 0.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1	-2 -2 -6 -4 -1 -1 -1 -3 -3 -5 -5 -1 -1 -1 -3 -4 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	3 3 4 6 1 3 3 8 4 4 2 1 1 3 5 4 4 4 4 5 5 1 2 1 1 5 2 0 0 1 1 6 6 2 5 5 2 6 6 1 1 1 7 7 9 9 5 9 2 6 6 1 1 1 7 7 7 4 1 1 3 1 2 4 6 6 7 7 7 7 7 7 7 1 1 2 4 6 6 7 7 7 7 7 7 7 7 1 1 2 4 1 1 3 1 3 3 4 1 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
SAREDIO SAREDI	2.337 2.0480 7.148 3.410 10.265 6.4128 48.579 7.6714 48.777 7.6714 48.777 7.6714 48.777 7.6714 48.777 7.6714 48.777 7.6714 48.777 7.6714 7.60 112.3 9.22 112.3 9.22 112.3 112.	Daily 0.5 0.8 0.3 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.7 0.8 0.8 1.8 0.8 1.8 0.8 1.8 0.8 1.8 0.8 1.8 1.5 1.5 1.1 1.5 1.5 1.1 1.5 1.5 1.5 1.5	-2 -2 -6 -4 -1 -1 -1 -3 -3 -5 -5 -4 -1 -1 -1 -4 -3 -4 -5 -5 -3 -1 -5 -3 -3 -4 -5 -5 -5 -3 -1 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	3 3 4 6 1 3 3 8 4 4 2 1 1 3 5 4 4 4 4 5 5 1 2 1 1 5 2 0 0 1 1 6 6 2 5 5 2 6 6 1 1 1 7 7 9 9 5 9 2 6 6 1 1 1 7 7 7 4 1 1 3 1 2 4 6 6 7 7 7 7 7 7 7 1 1 2 4 6 6 7 7 7 7 7 7 7 7 1 1 2 4 1 1 3 1 3 3 4 1 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
SARESON  Dow Jones  Nikies  FTSE 100  Exerciston S 0  BEX  MISC  BEX  ACA  MISC  ACA  MISC  ACA  MISC  ACA  MISC	Invest   20,480   20,480   3,410   4,990   19,443   4,990   19,443   4,990   19,443   4,990   19,443   4,990   19,443   19,204   4,977   7,604   4,977   7,604   4,977   7,604   4,977   7,604   4,977   1,920   4,977   1,920   4,977   1,920   1,9	0.1b, 0.1b, 0.1b, 0.1b, 0.1b, 0.1b, 0.1b, 0.2b, 0.2b, 0.1b,	0.7 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	-2 -2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 4 4 5 12 15 5 6 6 7 7 9 9 5 6 6 111 7 7 9 9 2 6 6 6 111 7 7 4 12 4 6 6 7 5 4 3 34 4 6 7 5 4 3 34 4 6 6 7 7 5 4 4 2 2 4 4 8
SAFEDIA SAFEDI	Investigation   Investigatio	0.8 0.8 0.8 0.8 0.9 0.9 0.1.0 0.5 0.5 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.7 0.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1	-2 -2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 4 6 1 1 3 8 4 4 2 1 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1
SAME DISTRICT OF THE STATE OF T	Invest   20,480   20,480   3,410   4,990   19,443   4,990   19,443   4,990   19,443   4,990   19,443   4,990   19,443   19,204   4,977   7,604   4,977   7,604   4,977   7,604   4,977   7,604   4,977   1,920   4,977   1,920   4,977   1,920   1,9	0.1b, 0.6 co.1b, 0.7 c	0-7 0-8 1-8 1-8 1-8 1-8 1-8 1-8 1-8 1-8 1-8 1	-2 -2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 4 4 2 1 3 5 4 4 5 5 5 6 6 1 1 7 7 7 7 4 1 3 3 3 4 6 6 6 7 7 7 7 7 4 1 3 3 3 4 6 6 7 7 7 7 7 7 4 1 3 3 3 4 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
SARES DE SAR	Linet 2, 2317 20, 480 21, 2317 41, 2317	0.1b, 0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.5 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0-7 0-8 1-8 1-8 1-8 1-8 1-8 1-8 1-8 1-8 1-8 1	-2	3 3 4 4 2 1 3 5 4 4 4 5 5 2 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
SALES DE SAL	Limit 2, 2337 2, 244 2, 2247 3, 24 2, 244 3, 3, 26 2, 227 3, 3, 27 2, 4, 3, 27 2, 4, 3, 27 2, 4, 3, 27 2, 4, 3, 27 2, 2, 4, 3, 2, 2, 2, 3, 2, 2, 2, 3, 3, 2, 2, 2, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3,	0.1b; 0.5 0.6 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0-7 0-8 0-8 1-8 0-8 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	3 3 4 2 1 3 3 8 4 4 2 1 1 3 5 5 6 4 5 5 12 2 2 6 6 111 1 3 3 3 4 6 6 7 7 9 9 9 2 2 2 6 6 11 1 3 3 3 4 6 6 7 7 3 4 1 4 1 2 2 4 8 8 3 3 4 4 2 2 7 7 7 7 7 1 1 3 3 4 6 6 7 7 7 7 1 1 3 3 4 6 6 7 7 7 7 4 1 4 1 2 2 4 8 8 3 3 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Maria micro SAPEDIO Dow Jones Notes FTSE 100 Exercision SO BEX	Livet 2, 237 2, 20, 480 4, 277 6, 274 4, 20, 215 4, 227 7, 215 4,	0.15	0-7 0-8 0-8 0-8 0-8 0-8 0-8 0-8 0-8 0-8 0-8	-2	3 3 6 1 3 3 8 4 2 1 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2
SAREADOR SAR	Invite   I	0.15 0.05 0.8 0.8 0.3 0.5 0.8 0.6 0.6 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0.7 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	-2	3 3 6 1 3 3 8 4 2 1 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5
SALES DESCRIPTION OF THE PROPRIES OF THE PROPR	Invest   20,480   20,480   3,410   3	Dolly   Doll	0-7 - 0-8 -	-2 -2 -6 -6 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 6 1 3 3 8 4 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SARE PROPOSE  DOW JOINS NINGER  FTSE 100  BEX  FTSE 100  BEX  SOLUTION  SOLUTION  MIST ARE REPOSE  MIST ARE	Linet 2, 2337 20,480 118,419 27,148 81 81,219 21,21	0.15 0.08 0.08 0.10 0.10 0.10 0.10 0.10 0.10	0.7 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	-2 -2 -3 -4 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 6 1 3 3 8 4 2 1 1 1 3 3 5 4 4 5 2 1 1 5 5 4 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
SARPON  DOWN JONES  SARPON  DOWN JONES  Notes  FTSE 100  CAC  MIB  AND	Livet 2, 2337 20,480 118,419 27,148 8,490 119,443 1490 11	Double   D	0.7 1.5 0.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1	-2 (-2 (-3 (-3 (-3 (-3 (-3 (-3 (-3 (-3 (-3 (-3	3 3 8 4 2 1 3 3 8 4 4 2 1 1 6 7 7 7 4 4 1 2 2 4 8 3 3 4 4 4 4 8 8 5 7 7 7 4 4 4 8 8 5 7 7 7 9 9 1 1 1 3 1 4 1 4 1 5 1 1 5 1 1 2 2 4 8 8 3 3 4 4 4 8 8 5 7 7 7 9 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SARPORO DOW JONES SARPORO DOW JONES SARPORO SA	Linet 2, 23, 23, 24, 24, 24, 24, 24, 24, 24, 24, 24, 24	Double   D	0-7 - 0-8 -	-2 -2 -3 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 6 1 3 3 8 4 2 1 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1
Maria micro SAPEDIO Dow Jones Notes FTSE 100 Exercision SO BEX	Invest   20,480   2	Double   D	0-7 0-8 0-8 0-8 0-8 0-8 0-8 0-8 0-8 0-8 0-8	-2 -2 -3 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 6 1 3 3 8 4 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAME DATE OF THE STATE OF THE S	Line	Dolly   Doll	0.7 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	-2 -2 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3	3 3 4 4 2 1 1 3 3 8 4 4 2 1 1 5 5 6 6 6 6 7 7 7 7 4 4 6 6 6 6 7 7 7 7 4 6 7 8 7 8 7 8 7 8 8 8 8 8 7 7 7 7 7 4 1 2 4 8 8 8 7 7 7 7 8 8 8 8 8 8 7 7 7 7 7 8





	(40)				
Debt markets Developed Markets US (2-yr)	( 10Y, %, ch level 1,16	anges in t Daily -4.1	Week	Month -15	YTD -5
US GER (2-yr)	2.18	-6.7 -0.2	-11.4 -1.4	-32 -9	-26 -9
Germany	0.16	-3.1	-4.8	-28	-12
France Spain	0.89 1.67	-2.4 -3.7	-7.0 2.6	-22 -21	8 16
Italy Portugal	2.26 3.82	-5.6 -6.7	-2.0 -3.6	-10 -75	39 -36
Greece Japan (2-yr)	6.79 -0.22	11.9 -1.3 -2.7	6.9 0.4	-61 -4	-10 -3
Japan Emerging Markets	0.01 level	-2.7 Daily	-6.5 Weekly	-6 Monthly	-6 YTD
Brazil Chile	10.05 3.91	-4.3 -0.1	2.5 -3.4	-18 -42	-136 -42
Colombia Mexico	6.57 7.12	-5.0 -3.1	-5.4 -10.1	-27 -13	-52 -51
Peru Poland	5.79 3.37	0.2 -4.1	-5.1 -7.6	-16 -37	-68 -35
Russia Turkey	8.09 10.66	3.7 8.0	-3.0 -3.0	-5 -4	-36 -34
India Indonesia	6.86 7.06	1.7	5.4	0	48
Country ris	k (bp, chang	es in bp)			
Developed Markets  10-yr sovereign spread vs Germany	level	Daily	Weekly	Monthly	YTD
France Italy	74 211	0.7 -2.5	-2.2 2.8	6 18	20 51
Portugal	366	-3.6	1.2	-19	4
Spain 2-yr sovereign spread vs Germany	151	-0.6	7.4	7	36
France Italy	54 82	0.7 -2.5	-0.5 0.1	22 4	44 21
Portugal Spain	127 65	0.9 -2.5	2.4 -0.5	-82 2	-20 17
Emerging Markets	level	Daily	Weekly	Monthly	YTD
5-yr sovereign CDS * Brazil	222	-4	4	8	-50
Chile Colombia	78 135	2	5	6	-4 -28
Mexico	129	1 2	3	-3 7	-27
Peru Venezuela	104 3,464	-25	-113	37	-4 -441
Poland Russia	69 167	0	0 -5	5 2	-7 -9
Turkey China	231 88	0	-3 5	8	-41 -29
India Indonesia	99 137	0	7	2 14	-28 -19
Ris	k indicators		- 1		
Volatilty indicators (%) VIX	level 15	Daily 4.8	Weekly 2	Monthly 36	YTD 4
VSTOXX EM EFT volatility Index	26 21	9.4	12	129 50	9
Dollar/euro volatility	13	-2.9	3	91	26
EM FX volatility index Credit spread (BAA) (bps)	9 237	-1.0 6.7	10	8	-17 10
US bonds volatility index Banking 5 y CDS (bps) *	71 level	-4.7 Daily	1 Weekly	17 Monthly	-7 YTD
US EZ	63 116	0.3	1 4	3 13	-9 <b>8</b>
UK	81	0.2	1	10	-9
Large Spanish Medium Spanish	107 165	0.2	-4 -1	-1 9	-10 13
Corporate 5y CDS (lyps) * US Non-financial	level 153	Daily 0.3	Weekly	Monthly 3	YTD -9
EZ Non-financial UK Non-financial	102 123	0.2	4 2	13 12	-2
Interbank ma		inges in b	)		
EONIA Index	-0.36	0.00	0.0	Monthly 0.0	0.0
Euribor 3m Euribor 12m	-0.33 -0.12	0.00	0.0	0.0	0.0
Libor 3m Libor 12m	1.16 1.77	0.00	0.0	0.0	0.2
EZ TED spread 3 m	47.2	0.00	3.4	-11.3	-19.2
	k markets (				
Main indices	k markets 0	Daily -0.5	Weekly	Monthly	YTD 3
Main indices S&P500 Dow Jones	level	Daily -0.5 -0.8	-0.7 -0.8	Monthly -2 -2 -6	YTD 3 3
Main Indices S&P500 Dow Jones Nilked FTSE 100	2,337 20,480 18,419 7,148	Daily -0.5 -0.8 0.3 -2.5	-0.7 -0.8 -1.8 -3.0	-2 -2 -6 -4	3 -6 -1
Main indices \$4.9500 Dow Jones Nikkel FTSE 100 EuroStoxx 50 IBEX	2,337 20,480 18,419 7,148 3,410 10,265	Daily -0.5 -0.8 -0.3 -2.5 -1.1	-0.7 -0.8 -1.8 -3.0 -1.7 -1.5	-2 -2 -6 -4 -1 0	3 -6 -1 3 8
Main indices SAP500 Dow Jones Nikkel FTSE 100 EuroStoxx 50 IBEX DAX CAC	2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6	-0.7 -0.8 -1.8 -3.0 -1.7 -1.5 -1.1	-2 -2 -6 -4 -1 0 -1	3 -6 -1 3 8 4
Main indices \$48500 Dow Jones Nikidai FFESE 100 EuroStoux \$50 BBCX DAX CAC MIB ASSE Atherss	2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9	-0.7 -0.8 -1.8 -3.0 -1.7 -1.5 -1.1	-2 -2 -6 -4 -1 0 -1	3 -6 -1 3 8 4 2 -1 3
Main indices SAP500 Dow Jones Naket F15E 100 Saretaox 50 Saretaox 50 DAX CAC MB ASE Alters MSG Latam*	2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4	-0.7 -0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8	-2 -2 -6 -4 -1 0 -1 -1 -3 5	3 -6 -1 3 8 4 2 -1 3 5
Nail-Indices   SAPS00   Down Jones   Nail-Indices   SAPS00   Down Jones   Nail-Indices   SAPS00   Down Jones   Nail-Indices   SAPS00   Down Jones	2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9	-0.7 -0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1	-2 -2 -6 -4 -1 -0 -1 -3 -5 -0 -0 -0 -0	3 -6 -1 3 8 4 2 -1 3 5
Manipularia SePB00 Dow Jones Nikled FTSE 100 EExandbox 50 BEX CAC MIB ASS ARMEN MSG Latter	2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237	0aily -0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8	-0.7 -0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 -0.7	-2 -2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3	3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12
Mania des SeSPSO Dew Jennes Notes FTSE 100 Executions 50 IBEX DOX CAC CAC MASC Alberts MSCI Latam * Ibovepa (filasio) Medod MsCI M krope * Poland Meson (Msci Mason (Msci Msci Msci Msci Msci Msci Msci Msci	2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777	0aily -0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8	-0.7 -0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1	-2 -2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2	3 -6 -1 3 8 4 2 -1 3 5 4
SEPERO DOWN JOHNS NINGER SEPERO DOWN JOHNS NINGE SEPERO DOWN JOHN JOHN JOHN JOHN JOHN JOHN JOHN JOH	10vel 2,337 20,480 18,419 7,148 3,410 10,265 12,000 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2	-0.7 -0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3	-2 -2 -2 -6 -4 -1 0 -1 -3 5 0 0 0 -2 -3 -6 1 0 0	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9
SEPERO DOW JOHNS NINGER SEPERO	18,419 2,347 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 -1.4 -0.3 -0.9 -0.8 -0.2 -1.2 -0.8 -0.8 -0.2	-0.7 -0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 -0.7 -2.9 -0.3 -2.8 -0.7	-2 -2 -2 -6 -4 -1 0 -1 -3 5 0 0 0 -2 -3 -6 1 0 0 -1 2	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9 1 6
Mala Medicas SedPoin Dow Jones Notes FTSE 100 Exercision 50 BEX MEX ACAC CAC MIB ACS Afters MSC Latam * Bloovepa Blazab MSC Latam a Bloovepa Blazab MSC Microsola Best 100 (Tutkey) MSC BM Acia * MSC Microsola Best 100 (Tutkey) MSC BM Acia * MSC Microsola Best 100 (Tutkey) MSC BM Acia * MSC Microsola Best 100 (Tutkey) MSC BM Acia * MSC Microsola Best 100 (Tutkey) MSC BM Acia * MS	18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 level	Daily -0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 -1.4 -0.3 -0.9 -0.8 -0.2 -1.2 -0.8 -0.2 -1.2 -0.8 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9	-0.7 -0.8 -1.8 -3.0 -1.7 -1.1 -2.2 -3.3 -0.4 -2.1 -1.1 -0.7 -2.9 -0.3 -2.8 -0.7 -2.8 -0.7 -2.8 -0.7 -2.8 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9	-2 -2 -2 -6 -4 -1 0 -1 -1 -3 5 0 0 -2 -3 -6 1 0 -1 2 Monthly -9	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -9 1 6 7 19 9
Maria Micro SeSE900 Dow Jones Note FFSE 100 Exception BEX DOX CAC CAC CAC CAC CAC CAC CAC CAC CAC CA	18,419 20,480 18,419 7,148 3,410 10,265 12,000 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 level 112,3	Daily -0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2	-0.7 -0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 -0.7 -2.9 -0.5 -0.3 -2.8 -0.7 -2.8 -1.0 -2.8 -1.7	-2 -2 -2 -6 -4 -1 0 -1 -1 -3 5 0 0 -2 -3 -6 1 0 -1 2 Monthly -9 -6	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9 1 6 -7 10 -7 -7 10 -7 10 -7 10 -7 10 -7 10 -7 10 -7 10 -7 10 -7 10 -7 10 -7 -7 10 -7 10 -7 10 -7 10 -7 10 -7 10 -7 10 -7 10 -7 10 -7 10 -7 10 -7 10 -7 10 -7 -7 10 10 -7 10 -7 10 -7 10 -7 10 -7 10 -7 10 -7 10 -7 10 -7 10 -7 -7 10 -7 10 -7 10 -7 -7 10 -7 -7 10 -7 -7 10 -7 -7 10 -7 10 -7 10 -7
Manipulation SEPPON Dow Jones Nikled FTSE 100 FTSE 100 FTSE 100 ACAC MIB MSC ACAC MIB MSC ACAC MIB MSC ACAC MIB MSC MANIPULATION MSC MSC MANIPULATION MSC	18,419 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 18,000 12,300 18,48 58,2 22,4	Daily -0.5 -0.8 -0.3 -0.9 -0.5 -1.1 -1.6 -1.7 -0.9 -1.6 -1.7 -0.9 -1.4 -0.3 -0.9 -1.2 -0.5 -1.2 -1.2 -1.2 -1.4 -1.2 -1.4 -1.3 -1.2 -1.4 -1.3 -1.4 -1.3 -1.4 -1.3 -1.4 -1.3 -1.4 -1.3 -1.4 -1.3 -1.4 -1.4 -1.4 -1.4 -1.4 -1.8 -1.8 -1.8 -1.8 -1.8 -1.8 -1.8 -1.8	-0.7 -0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -2.1 -1.1 -0.7 -2.9 -0.5 -0.3 -2.8 -0.7 -0.3 -2.8 -0.7 -0.3 -1.5 -0.3 -0.4 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	-2 -2 -2 -6 -4 -1 0 -1 -3 5 0 0 0 -2 -3 -6 1 0 -1 1 2 Monthly -9 -6 -4 -10	3 3 6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9 1 6 YTD -6 -2 -5 -2
Manipulation SeePage Dow Jones Nikled FFSE 100 EExcelloon 50 BECX CAC MIB MSC ARMEN MSC INTERPRETATION MSC I	10 (2) (3) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	Daily 0.5 + 0.8 + 0.5 + 0.8 + 0.5 + 0.8 + 0.5 + 0.8 + 0.6 + 0.9 + 1.6 + 0.3 + 0.9 + 0.2 + 1.2 + 0.0 + 0.8 + 0.2 + 0.2 + 0.2 + 0.2 + 0.2 + 0.2 + 0.4 + 1.2 + 1.6 + 1.6 + 4.8 + 4.8 + 0.5	-0.7 -0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 -0.7 -2.9 -0.3 -2.8 -0.3 -2.8 -1.0 -1.5 -1.1 -1.1 -1.2 -1.2 -1.5 -1.1 -1.5 -1.1 -1.5 -1.1 -1.5 -1.1 -1.5 -1.1 -1.5 -1.1 -1.5 -1.1 -1.5 -1.1 -1.5 -1.5	-2 -2 -2 -6 -4 -1 1 0 -1 -1 -3 5 0 0 0 -2 -3 -6 6 1 0 -1 2 2 Monthly -9 -6 -4 -1 -1 0 -9 -1 2	3 3 3 6 -1 3 8 4 4 2 -1 3 5 5 4 4 4 -5 12 0 9 1 1 6 6 7 7 7 7 7 8 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9
Malain dera ScheDol Dow Jones Note FTSE 100 Exercision 50 BEX MISC ACAC CAC MIS ACK Afters MSC Lattam * Bloovege Blazio Heledol Medical Caregor * Medical Caregor * Medical Caregor * Mac Caregor * Ma	10vel 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 7,60 3,197 5,607 19,48 8,58 2 22,4 40,8 48,58 2 22,4 40,8 48,58 2 57,3 84,8 85,2 57,3 84,8 85,2 57,3 84,8 85,2 57,3 84,8 98,2 57,3 87,8 87,8 87,8 87,8 87,8 87,8 87,8 8	Daily -0.5 -0.8 -0.6 -0.9 -0.5 -0.8 -0.6 -0.9 -0.6 -0.9 -0.6 -0.9 -0.8 -0.2 -1.2 -0.8 -0.2 -0.8 -0.2 -1.4 -1.8 -0.2 -1.4 -1.8 -1.4 -1.5 -1.7 -1.7 -1.7 -1.7 -1.7 -1.7 -1.7 -1.7	0.7 0.8 3.0 1.7 1.5 1.1 1.5 1.1 1.5 2.2 2.3 3.3 0.4 2.1 1.0,7 2.9 0.5 0.3 2.8 0.7 Weekly 2.8 1.5 2.2 2.3 3.3 3.3 4.7 4.1 5.0 4.1 7.0 4.0 5.0 5.0 5.0 6.0 6.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7	-2 -2 -6 -4 -1 0 -1 -1 -3 -5 0 0 0 -2 -3 -6 1 1 0 2 Morally -9 -6 -4 -1 0 -9 -1 2 -6 -5 -5 -5 -5	3 3 3 6 6 11 3 8 8 4 4 2 2 11 3 5 5 4 4 4 4 5 5 12 20 9 1 6 6 7 1D 6 6 2 5 5 2 6 6 111 7 7 9
Manipulation Sep5900 Dow Jones Nikled FTSE 100 FTSE 100 FTSE 100 ACAC MIB MS AKS Alberta MIB MS AKS Alberta Mib MS AMPRIA MS A	10vel 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 10vel 11,24 40,54 98,2 22,4 40,8 28,2 22,4 40,8 40,5 41,5 41,5 41,5 41,5 41,5 41,5 41,5 41	Daily -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	0.7 0.8 1.8 3.0 1.7 1.5 1.1 1.5 1.1 2.2 3.3 0.4 2.1 1.1 0.5 0.5 0.5 0.5 0.7 Veckly 1.5 1.5 1.1 1.7 1.7 1.1 1.7 1.7 1.1 1.7 1.7 1.7	-2	3 3 3 6 6 1 1 3 8 8 4 4 2 2 1 3 5 5 4 4 4 4 5 5 12 15 5 20 9 9 1 6 6 2 2 6 6 11 7 7 9 5 5 5 2
Malain Micro SEPSO Dow Jones Nikle FISE 100 DE BERNS DE B	level 2,337 20,480 18,419 20,480 18,419 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 level 112,3 84,8 58,2 22,4 40,8 215,3 11,7 14,9 8,2 57,3 11,7	Daily 1.6	0.7 0.8 1.8 3.0 1.7 1.5 1.1 1.5 1.1 2.2 3.3 0.4 0.8 0.4 1.0 7 2.9 0.5 0.3 2.8 0.7 2.8 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	-2	3 3 4 6 1 1 3 8 4 4 2 1 1 3 5 4 4 4 5 5 20 9 1 1 6 6 2 5 5 2 6 6 1 1 7 7 9 5 5 9 2 2
Manipulation Scheman Down Johns Nikled FFSE 100 EExcelloon 50 BEX MES X ACAC ACAC MIB MS ACAC MES MS MSC Mems MSC Internal	level 2,337 20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 7,67 1,920 11,23 84,8 56,07 level 112,3 84,8 215,4 40,8 215,4	Daily -0.5 -0.8 -0.8 -0.8 -0.8 -0.8 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.4 -0.2 -0.3 -0.9 -0.8 -0.2 -0.2 -0.4 -1.2 -1.4 -1.8 -1.5 -1.1 -1.1 -1.1 -1.1 -1.1 -1.1 -1.1	0.7 1.8 3.0 1.7 1.5 1.1 1.1 1.2 2.3 3.0 0.4 0.8 0.7 2.9 0.5 0.3 0.7 2.8 0.7 2.8 0.7 2.8 1.0 2.8 1.5 2.8 1.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2	-2	3 3 46 -1 1 3 8 4 4 2 -1 1 3 5 5 4 4 4 -5 5 20 9 1 1 6 6 -2 -5 -2 -6 -1 1 7 -7 9 -5 9 -2 -6 -1 1 1 -7 9 -5 9 -2 -6 -6 -1 1 1 -7 9 -1 -1 1 -1
SEPERON DOWN JONES HISTORY HIS	Level 2,337 7 7 18 18 18 18 18 18 18 18 18 18 18 18 18	Daily 0.5 0.8 0.8 0.2 1.1.7 0.9 0.8 0.0 0.8 0.2 1.2.4 1.2 1.4 1.8 1.4 1.4 1.5 1.1 1.0 1.1 1.0 1.1 1.0 1.1 1.0 1.1 1.0 1.1 1.0 1.1 1.0 1.1 1.0 1.1 1.0 1.1 1.0 1.1 1.0 1.1 1.0 1.1 1.0 1.2 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	0.7 deskly 1.5 deskly	-2	3 3 4 4 2 2 -1 1 3 5 5 4 4 4 4 5 5 12 20 9 1 6 6 -2 2 5 5 2 6 6 -1 1 7 7 9 -5 9 -2 6 6 -1 1 8 7 7
Manipulation  FIRST 100  Exercision 50  BEX  DAX  BEX  DAX  MIS  MIS  MIS  MIS  MIS  MIS  MIS  MI	2,337 20,480 18,419 11,0265 12,000 19,443 677 76,714 48,579 76,714 48,579 76,714 112,3 112	Daily 0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.6 0.9 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 1.2 1.4 1.5 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	0.7 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	-2	3 3 4 6 1 1 3 8 8 4 2 1 1 3 5 5 4 4 5 5 20 9 1 1 6 6 2 5 2 6 6 1 1 7 9 9 2 2 6 6 1 1 1 8
Maria Maria  FISE 100  BEAN  FISE 100  BEAN  FISE 100  BEAN  CAC  MIB  MSC MEMB  BEAN  MSC MEMB  BEAN  MSC MEMB  MSC MSC MEMB  MSC MSC MEMB  MSC MSC MEMB  MSC	Level 2,337 2,0480 18,4199 19,049 19,	Daily 0.5 0.8 0.3 0.9 1.6 0.9 0.8 0.3 0.9 1.6 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 1.2 0.8 1.4 1.8 1.5 1.5 1.1 1.1 1.1 1.2 1.1 1.1 1.2 1.1 1.1 1.2 1.2	0.7 0.8 1.8 3.0 0.8 1.8 3.0 0.8 1.8 3.0 0.8 1.7 1.7 1.5 1.1 1.2 2.9 0.5 2.8 0.7 2.8 1.0 1.5 2.6 4.6 5.0 4.5 3.9 3.5 2.6 4.6 4.6 4.9 3.5 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6	-2	3 3 6 6 1 3 8 4 4 2 1 3 5 5 4 4 4 4 5 5 12 2 0 9 1 1 6 6 2 5 2 6 6 11 7 7 9 5 5 9 2 2 6 6 11 1 8 8 7 7 7 4 1 12
Manipulation SeePage Dow Jones Nikled FFSE 100 EExcelloox 50 BEX MISC ACAC CAC MISC ACAC MISC AC	1	Daily 0.5 - 0.6 - 0.9 - 0.5 - 0.6 - 0.9 - 0.5 - 0.6 - 0.9 - 0.9 - 0.8 - 0.2 - 1.2 - 0.8 - 0.2 - 1.2 - 0.8 - 0.2 - 1.2 - 0.8 - 0.2 - 1.2 - 0.8 - 0.2 - 1.2 - 0.8 - 0.2 - 1.2 - 0.8 - 0.2 - 1.2 - 0.8 - 0.2 - 1.2 - 0.8 - 0.2 - 1.2 - 0.8 - 0.2 - 0.5 - 0.8 - 0.5 - 0.6 -	0.7 0.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1	-2 -2 -6 -4 -1 -1 -1 -1 -1 -2 -5 -5 -5 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 6 6 1 3 8 4 4 2 1 3 5 5 4 4 4 5 5 12 2 0 9 1 6 6 2 2 5 5 2 6 6 111 7 7 9 5 5 9 9 2 2 6 6 111 8 7 7 4 4 6 6 6
Manipulation  SeePage Down Jones Nikele FTSE 100  BEX MISE BEX MISE BEX MISE MISE MISE MISE MISE MISE MISE MISE	2.237 2.0480 7.148 3.410 10.265 6.4128 48,579 91.374 49.90 91.374 40.8 92.2 1112.3 92.2 1112.3 92.2 1112.3 92.2 1112.3 92.2 1112.3 92.2 1112.3 92.2 1112.3 92.2 1112.3 92.2 1112.3 92.2 1112.3 92.2 1112.3 92.2 1112.3 92.2 92.2 92.2 92.2 92.2 92.2 92.2 9	Daily -0.5 -0.8 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2	0.7 0.8 1.8 1.8 3.0 1.7 1.5 1.1 1.7 1.5 1.1 1.7 1.5 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	-2 -2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -2 -6 -5 -5 -4 -9 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 4 4 2 1 3 3 5 4 4 4 5 5 12 10 6 6 2 5 5 2 6 6 11 1 7 7 9 5 5 9 9 2 2 6 6 11 1 8 7 7 7 4 4 6 6 7 7 5 5
Manipulation  See Policy Common   Note of PTSE 100  BEX  PTSE 100  BEX  DEBUT	2.237 2.0480 7.148 4.990 10.265 6.128 4.859 1.9443 6.777 2.237 7.2237 1.920 91.374 4.859 2.244 4.859 2.244 4.859 8.582 2.244 4.859 8.582 8.582 8.582 8.582 8.783 8	Daily 0.5 0.8 0.3 0.3 0.5 0.6 0.9 0.6 0.9 0.0 0.8 0.2 1.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.7 0.8 1.8 3.0 0.4 0.7 0.7 0.2 0.5 0.4 0.8 0.4 0.4 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	-2 -2 -6 -4 -1 -1 -1 -3 -5 -5 -1 -1 -1 -4 -5 -5 -5 -5 -1 -1 -1 -5 -5 -5 -5 -1 -1 -1 -5 -5 -5 -5 -1 -1 -1 -5 -5 -5 -5 -1 -1 -1 -1 -5 -5 -5 -5 -1 -1 -1 -1 -1 -5 -5 -5 -5 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 4 4 1 3 3 5 4 4 4 5 12 20 9 1 6 6 2 2 5 5 2 6 6 111 8 8 7 7 4 12 4 6 6 7 7 5 4 13 13
SAPERON Dow Jonnes Mikled FTSE 100 GERMAN HEROSTON 50 BEX MICHAEL MICH	2.037 2.0480 7.148 3.410 10.265 4.999 7.677 7.6774 4.999 9.194 48,579 9.194 48,579 9.194 48,579 9.194 48,579 112,237 7.6774 49,07 112,237 112,237 112,237 112,237 112,237 113,27 113,27 113,27 114,97 114,97 115,27 115,27 116,27 117,27 117,27 117,27 117,27 118,27 119,27	Daily 0.5 0.8 0.8 0.2 1.2 1.0 0.8 0.8 0.2 1.2 1.4 1.4 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	0.7 0.8 1.8 3.0 1.7 2.9 1.5 1.1 1.1 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	-2	3 3 4 4 2 1 3 5 4 4 4 5 5 20 9 1 1 6 6 2 5 5 2 6 6 111 7 7 7 9 9 2 6 6 111 6 7 7 7 7 4 4 1 2 4 4 6 6 7 7 5 5 4
Manipulation  SeePage Dow Jones Notes FTSE 100  EExceloox 50  BEX MISC ACAC  ACAC  MIS	2.337 2.0480 7.148 3.410 10.265 4.990 10.447 7.67,74 4.879 91.374 48.579 112.3 48.579 112.3 48.579 112.3 48.579 112.3 48.579 112.3 48.579 112.3 48.579 112.3 48.579 112.3 49.871 49.871 49.87	Daily 0.5 0.8 0.3 0.3 0.3 0.9 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.7 0.8 1.8 3.0 0.4 1.7 1.5 1.1 1.5 1.5 1.1 1.5 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.5	-2 -2 -6 -4 -1 -1 -1 -3 -3 -5 -5 -4 -9 -9 -1 -1 -2 -8 -5 -5 -4 -1 -1 -1 -5 -5 -5 -3 -1 -1 -5 -5 -5 -3 -1 -5 -5 -5 -3 -1 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	3 3 6 1 3 8 4 4 2 1 1 3 3 5 4 4 4 5 5 2 1 1 2 2 0 9 1 1 6 2 2 5 5 2 6 6 1 1 1 7 7 9 9 9 2 2 6 6 7 7 7 4 4 6 6 7 7 5 5 4 1 1 3 3 4 1 6 6 7 7 5 5 4 1 1 3 3 4 1 6 6 7 7 5 5 4 1 1 3 1 3 4 1 6 6 7 7 5 5 4 1 1 3 1 3 4 1 6 6 7 7 5 5 5 5 7 6 7 7 7 7 7 7 7 7 7 7
Manipulation Schedol Dow Jones Nikled FFSE 100 EExcoloox 50 BEX MES X CAC MIB MS AS Afters MSCI Latter MSCI MSC Mess MSCI Latter MSCI Latt	2.337 2.0480 7.148 3.410 10.265 6.4128 48.579 7.6714 48.777 7.6714 48.777 7.6714 48.777 7.6714 48.777 7.6714 48.777 7.6714 48.777 7.6714 7.60 112.3 9.22 112.3 9.22 112.3 112.	Daily -0.5 -0.8 -0.8 -0.8 -0.9 -0.5 -0.1 -0.9 -0.5 -0.9 -0.9 -0.8 -0.9 -0.9 -0.8 -0.9 -0.9 -0.8 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9	0.7 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	-2 -2 -6 -4 -1 -1 -1 -3 -3 -6 -6 -4 -1 -1 -5 -5 -3 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6	3 3 4 4 4 2 -1 1 3 3 8 4 4 2 -1 1 3 5 5 4 4 4 5 5 12 5 5 6 6 7 10 6 6 2 -2 6 6 1 1 1 -7 7 9 -2 2 6 6 7 7 1 8 -7 7 -4 1 2 -4 6 6 7 7 5 5 4 1 3 3 3 4 1 1 6 1 1 6
SEASON Down Jones Mister HTSE 100 DEED AND AND AND AND AND AND AND AND AND AN	Investigation   Investigatio	Daily 0.5 Daily 0.5 Daily 0.5 Daily 0.5 Daily 0.6 Daily 0.7 Daily	0.7 0.8 0.8 1.8 0.8 1.8 0.8 1.8 0.8 1.8 0.8 1.8 1.8 1.5 1.5 1.1 1.5 1.5 1.1 1.5 1.5 1.5 1.5	-2 -2 -6 -4 -1 -1 -1 -3 -3 -6 -4 -1 -1 -1 -2 -5 -5 -7 -5 -4 -4 -1 -1 -5 -5 -5 -5 -1 -1 -5 -5 -5 -5 -1 -1 -5 -5 -5 -5 -1 -1 -5 -5 -5 -5 -6 -1 -1 -5 -5 -5 -5 -6 -1 -1 -5 -5 -5 -5 -6 -1 -1 -5 -5 -5 -5 -6 -1 -1 -5 -5 -5 -5 -6 -1 -1 -5 -5 -5 -5 -6 -1 -1 -5 -5 -5 -5 -6 -1 -1 -5 -5 -5 -5 -5 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6	3 3 4 4 2 2 -1 3 3 5 5 4 4 4 5 5 12 2 6 6 7 7 9 9 1 6 6 -2 1 7 -7 9 9 -2 -2 6 6 -11 1 8 7 -7 7 4 4 6 6 7 7 5 5 4 13 3 4 16 6 7 7 5 5 4 13 3 4 2 2 Year
Marin Marin Scheden  Dow Jones  Nikled  FTSE 100  BEX  FTSE 100  BEX  CAC  MIB  ASK Alberts  MSC Latter  MSC BERTS  MSC Latter  MSC Latter	Level	Daily 1-0.5 0.8 0.3 0.3 0.5 1-1.1 0.6 0.9 0.8 0.9 1.4 1.6 1.7 1.8 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	0.7 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	-2 -2 -6 -4 -1 -1 -1 -3 -3 -5 -5 -7 -5 -4 -9 -1 -1 -1 -3 -3 -5 -5 -7 -5 -4 -9 -1 -1 -1 -3 -4 -5 -5 -3 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	3 3 4 4 2 2 1 1 3 3 5 1 2 2 0 9 1 1 6 6 7 1 7 9 9 2 2 6 6 1 1 1 1 7 7 4 1 2 4 6 6 7 7 5 5 4 1 3 3 3 4 1 6 4 2 2 2 2 2 4 5 2 4 5 2 5 2 5 4 5 1 7 7 7 5 5 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
Marin Modern Scheron Dow Jonns Nikled FFSE 100 BEEX FFSE 100 BEEX CAC GAC MIB MSC ARMEN MSC INTERPRETATION M	Investigation   Investigatio	0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	0-7 0-8 0-8 0-8 0-8 0-8 0-8 0-8 0-8 0-8 0-8	-2 -2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 4 4 4 5 12 1-1 15 5 9 1 1 6 6 7 7 7 7 4 1-1 2 1 4 6 6 7 7 5 4 13 34 14 6 2 2 4 8 3 3
Malaja de Caraca	Invest   I	0.81	0-7 0-8 1-8 1-8 1-8 1-8 1-8 1-8 1-8 1-8 1-8 1	-2	3 3 4 4 4 2 1 1 1 2 5 2 2 6 6 6 6 6 6 7 7 7 7 7 4 4 1 1 3 3 4 4 4 2 2 4 4 8 3 3 Year 5 5
Marin	Linet 2, 2317 20, 480 21, 2317 41, 2317	0.19 0.5 0.6 0.1 0.6 0.1 0.6 0.1 0.6 0.1 0.6 0.1 0.6 0.1 0.6 0.1 0.5 0.1 0.6 0.1 0.5 0.1 0.1 0.5 0.1 0.1 0.5 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0-7 0-8 1-8 1-8 1-8 1-8 1-8 1-8 1-8 1-8 1-8 1	-2 (-2 (-3 (-3 (-3 (-3 (-3 (-3 (-3 (-3 (-3 (-3	3 3 4 4 5 12 15 15 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18
Maria Maria Serence  FISE 100  BEX  FISE 100  BEX  FISE 100  BEX  CAC  MIB  ASC APPERS  MSC Latters  MSC Latt	Investigation   Investigatio	Dolly 10-16   Dolly 11-17   Dolly 10-16   Dolly 11-17   Do	0.7 0.8 0.8 1.8 0.8 1.8 0.8 1.8 0.8 1.8 0.8 1.8 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	-2	3 3 4 4 4 5 12 15 5 4 4 5 12 20 9 1 1 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 13 13 14 14 2 2 2 4 8 3 3 4 4 4 3 3 4 4 3 3 4 4 5 5 6 4 3 3 4 4 5 5 6 5 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Malanis de Caracteria de Carac	Invite   I	0.10	0-7 0-8 0-8 1-8 0-8 1-8 0-8 1-8 0-8 1-8 0-8 1-8 0-8 1-9 1-1 1-1 1-2 2-2 1-8 0-8 1-1 1-1 1-1 1-1 1-1 1-1 1-1 1-1 1-1 1	-2	3 3 4 4 2 1 3 5 1 1 2 2 2 2 2 2 2 2 2 2 4 4 5 1 1 3 1 4 1 4 2 2 4 4 8 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
SEPERO DOWN JOHAN STATES AND STAT	Line	0.19 0.10 0.10 0.10 0.10 0.10 0.10 0.10	0.7 0.8 0.8 1.8 0.8 1.8 0.8 1.8 0.8 1.8 0.8 1.8 1.8 1.1 1.1 1.2 1.2 1.1 1.1 1.2 1.2 1.2 1.1 1.1	-2	3 3 4 4 2 1 3 3 5 5 4 13 3 4 4 16 6 7 7 7 4 12 4 6 6 7 7 7 7 4 12 4 6 6 7 7 5 5 4 3 3 3 4 4 14 4 8 8 5 5 4 3 8 5 5 4 3 8 5 5 6 4 8 8 5 5 6 6 7 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Marin	Livet 2, 237 2, 20, 480 4, 277 6, 274 4, 20, 215 4, 227 7, 215 4,	0.15	0-7 0-8 0-8 0-8 0-8 0-8 0-8 0-8 0-8 0-8 0-8	-2	3 3 4 4 2 1 3 5 1 4 4 4 5 5 7 7 4 4 4 6 6 4 4 2 2 2 4 8 3 3 4 4 4 8 8 5 7 7 7 4 4 8 8 8 8 7 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9
SAPERON Down Jonnes Missel FTSE 100 BERN MISSEL FTSE 100 BERN MISSEL BERN BERN MISSEL BERN BERN BERN BERN BERN BERN BERN BERN	Invite   I	0.15 0.6 0.8 0.3 0.5 0.8 0.8 0.2 0.6 0.8 0.6 0.6 0.7 0.7 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	0.7 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	-2	3 3 4 4 2 1 3 5 4 4 5 5 7 7 4 4 1 4 4 8 8 8 4 1 1 6 4 2 2 Year 1 4 4 3 3 4 4 4 4 4 4 3 3 4 4 4 4 4 3 3 4 4 4 4 4 3 3 4 4 4 4 4 4 3 3 4 4 4 4 4 4 3 3 4 4 4 4 4 4 3 3 4 4 4 4 4 4 3 3 4 4 4 4 4 4 3 3 4 4 4 4 4 4 3 3 4 4 4 4 4 4 3 3 4 4 4 4 4 4 3 3 4
SAS-BODO DOW Jonnes JONNES SAS-BODO DOW Jonnes JONNES SAS ADMINS JONNES	Invest   20,480   20,480   3,410   3	0.10	0-7 - 0-8 -	-2 2 -3 -6 -6 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 4 4 2 1 3 3 5 5 1 1 5 1 1 5 1 1 5 1 1 5 1 1 5 1 1 5 1 1 5 1 1 5 1 1 5 1 1 5 1 1 5 1 1 5 1 1 5 1 1 5 1 1 5 1 1 5 1 1 5 1 1 1 5 1 1 1 5 1 1 1 5 1
September 1 September 2 September 2 September 3 Septe	Linet 2, 2337 20,480 118,419 27,148 81 81,219 21,21	0.10 0.5 0.5 0.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.7 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	-2 2 3 4 4 1 1 0 0 1 1 2 2 3 4 4 1 1 1 2 2 4 4 1 1 1 2 2 4 1 1 2 2	3 3 4 4 2 1 3 3 5 1 6 6 1 1 1 6 6 2 2 6 6 1 1 1 6 6 2 2 6 6 1 1 1 6 6 7 7 7 4 4 6 6 7 7 7 4 4 6 6 7 7 7 4 4 6 6 7 7 7 4 4 6 6 7 7 7 4 4 6 6 7 7 7 7
SAFEDO DOW Jones ASPEDO DOW Jones ASPEDO DOW Jones ASPEDO	Livet 2, 2337 20,480 118,419 27,148 8,490 119,443 1490 11	0.19 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0-7 1-8 1-8 1-8 1-8 1-8 1-8 1-8 1-8 1-8 1-8	-2 2 -3 -6 -6 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 4 4 2 1 3 5 5 7 7 4 1 1 1 5 1 4 4 8 8 5 7 7 7 4 1 4 8 8 5 7 7 3 3 1 4 4 8 8 5 7 7 7 3 1 1 5 1 1 1 5 1 1 1 5 1 1 1 5 1 1 1 5 1 1 1 1 5 1 1 1 1 5 1 1 1 1 5 1 1 1 1 5 1
SAPERON DOWN JOHNS SAPENS SAPE	Invest   20,480   20,480   3,410   3	0.19 0.19 0.19 0.19 0.19 0.19 0.19 0.19	0-7 0-8 0-8 0-8 0-8 0-8 0-8 0-8 0-8 0-8 0-8	-2 -2 -3 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4	3 3 4 4 2 1 3 5 5 7 7 4 1 1 1 5 1 4 4 8 8 5 7 7 7 4 1 4 8 8 5 7 7 3 3 1 4 4 8 8 5 7 7 7 3 1 1 5 1 1 1 5 1 1 1 5 1 1 1 5 1 1 1 5 1 1 1 1 5 1 1 1 1 5 1 1 1 1 5 1 1 1 1 5 1
Marini Micros SEPSO Dovu Jones Notes PTSE 100 FTSE 100 FT	Line	0.10 0.5 0.5 0.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.7 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	-2 -2 -3 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6	3 3 4 4 2 1 1 3 3 4 4 4 4 4 5 2 1 1 2 2 5 5 4 4 1 3 3 4 4 4 2 2 4 4 9 5 5 4 4 1 3 3 4 4 4 4 5 2 7 7 7 4 4 4 4 6 6 7 7 7 4 4 4 4 6 6 7 7 7 7
Marin	Line	0.10 0.5 0.5 0.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0-7 0-8 0-8 0-8 0-8 0-8 0-8 0-8 0-8 0-8 0-8	-2 -2 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3	3 3 6 6 1 3 3 8 8 4 2 2 1 3 3 8 8 4 2 2 1 1 3 3 5 6 1 2 2 2 2 6 6 1 1 1 7 7 9 9 9 2 6 6 1 1 1 1 6 6 2 2 2 4 8 8 3 2 4 1 4 4 4 4 6 5 5 7 7 4 4 4 6 6 5 7 7 3 1 1 5 5 7 7 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Table Jack Care  ASS APPOR  Dove Jones  Misked  FT SE 100  BEX  ASS APPORT  BEX  ASS APPORT  MISC GAC  ASS APPORT  MISC GAC  MIS ASS APPORT  MISC GAC  MISC G	Invest   20,480   2	0.19	0-7 0-8 0-8 0-8 0-8 0-8 0-8 0-8 0-8 0-8 0-8	2 2 3 4 4 1 1 1 2 2 Monthly 0.4 1 1 5 5 7 5 5 4 1 1 1 5 2 1 3 1 3 3 1 3 4 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 4 4 2 1 1 3 3 4 4 4 4 5 2 1 1 5 5 1 4 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7





Debt markets	( 10Y <u>. %, d</u>	anges in t	ip)		
Developed Markets US (2-yr)	1.16	Daily -4.1	-7.3 -11.4	Month -15	YTD -5
US GER (2-yr)	2.18 -0.86	-6.7 -0.2	-11.4	-32 -9	-26 -9
Germany France	0.16	-3.1 -2.4	-1.4 -4.8 -7.0	-28 -22	-12 8
Spain	1.67	-3.7 -5.6	2.6	-21 -10	16 39
Portugal	3.82	-6.7	-3.6	-75	-36
Greece Japan (2-yr)	6.79 -0.22	11.9 -1.3	6.9 0.4	-61 -4	-10 -3
Japan Emersing Markets	0.01	-1.3 -2.7 Daily	-6.5 Weekly	-6 Monthly	-6 YTD
Brazil	10.05	-4.3	2.5	-18	-136
Chile Colombia	3.91 6.57	-0.1 -5.0	-3.4 -5.4	-42 -27	-42 -52
Mexico Peru	7.12 5.79	-3.1 0.2	-10.1 -5.1	-13 -16	-51 -68
Poland Russia	3.37 8.09	-4.1 3.7	-7.6 -3.0	-37 -5	-35 -36
Turkey	10.66	8.0	-3.0	-4	-34
India Indonesia	6.86 7.06	1.7	5.4 -2.7	-17	48 -78
Country ri	sk (bp, chang	es in bp)			
Developed Markets  10-yr sovereign spread vs Germany	level	Daily	Weekly	Monthly	YTD
France Italy	74 211	0.7 -2.5	-2.2 2.8	6 18	20 51
Portugal	366	-3.6	1.2	-19	4
Spain  2-yr sovereign spread vs Germany	151	-0.6	7.4	7	36
France	54	0.7	-0.5	22	44
Italy Portugal	82 127	-2.5 0.9	0.1 2.4	-82	21 -20
Spain Emerging Markets	65	-2.5	-0.5	2	17 YTD
5-yr sovereign CDS *	level	Daily	weekiy	Monthly	TID
Brazil Chile	222 78	-1 2	4 5	8	-50 -4
Colombia	135	1	5	3	-28
Mexico Peru	129 104	1 2	3 4	-3 7	-27 -4
Venezuela	3,464	-25	-113	37	-441
Poland Russia	69 167	0	-5	5 2	-7 -9
Turkey	231	1	-3	8	-41
China India	88 99	0	5	7	-29 -28
Indonesia	137 sk indicators	0	7	14	-19
Volatilty indicators (%)	level	Daily	Weekly	Monthly	YTD
VIX VST OXX	15 26	4.8 9.4	2 12	36 129	4 9
EM EFT volatility Index	21	3.1	7	50	4
Dollar/euro volatility EM FX volatility index	13 9	-2.9 -1.0	3 -2	91 4	26 -17
Credit spread (BAA) (bps)	237	6.7	10	8	10
US bonds volatility index Banking 5 y CDS (bps) *	71 level	-4.7 Daily	1 Weekly	17 Monthly	-7 YTD
US	63	0.3	- 1	3	-9
EZ UK	116 81	0.2	4	13 10	-9
Large Spanish	107	0.2	4	-1 9	-10 13
Medium Spanish Corporate 5y CDS (typs) *	165 level	Daily	Weekly	Monthly	YTD
US Non-financial EZ Non-financial	153 102	0.3	1 4	3 13	-9 8
UK Non-financial	123	0.0	2	12	-2
Interbank ma	irkets (%, ch	nges in b Daily	Weekly	Monthly	YTD
EONIA Index	-0.36	0.00	0.0	0.0	0.0
Euribor 3m Euribor 12m	-0.33 -0.12	0.00	0.0	0.0	0.0
Libor 3m Libor 12m	1.16	0.00	0.0	0.0	0.2
EZ TED spread 3m	1.77 47.2	0.00	3.4	0.0 -11.3	-19.2
Stor	ck markets (				
Main indices	level	Daily	Weekly	Monthly	YTD
S&P500	2,337 20,480	-0.5		-2 -2	3
S&P500 Dow Jones Nikkei	20,480 18,419	-0.5 -0.8 0.3	-0.8 -1.8	-2 -6	3 -6
S&P500 Dow Jones Nikkei FTSE 100 EuroStoxx 50	20,480 18,419 7,148 3,410	-0.5 -0.8 0.3 -2.5 -1.1	-0.8 -1.8 -3.0 -1.7	-2 -6 -4 -1	3 -6 -1 3
S&P500 Dow Jones Nikkei FTSE 100 EuroStoxx 50 IBEX	20,480 18,419 7,148 3,410 10,265	-0.5 -0.8 0.3 -2.5 -1.1 -0.6	-0.8 -1.8 -3.0 -1.7 -1.5	-2 -6 -4 -1 0	3 -6 -1 3 8
S&P500 Dow Jones Nikided FTSE 100 EuroStoxx 50 IBEX DAX CAC	20,480 18,419 7,148 3,410 10,265 12,000 4,990	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2	-2 -6 -4 -1 0 -1	3 -6 -1 3 8 4 2
SAP500 Dow Jones Nikkel FTSE 100 EuroStoxx 50 IBEX DAX CAC	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3	-2 -6 -4 -1 0 -1 -1 -3	3 -6 -1 3 8 4 2
S&P\$00 Down Jones Nödel FTSE 100 Emostorus 50 IBEX DAX CAC MBB MB MB MSC Latam*	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8	-2 -6 -4 -1 0 -1 -1 -3 5	3 -6 -1 3 8 4 2 -1 3 5
SAPPBOO Down Jones Nikket FFEST 100 EuroStoux 50 BIBCX DAX CAC MIST ALLERS MIST ALLERS MIST ALLERS BOOKERS BOO	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1	-2 -6 -4 -1 0 -1 -1 -3 5 0 0	3 -6 -1 3 8 4 2 -1 3 5
SAPPDO DOW/LDNE NOKe FFEE TOD EAUSTROOK, SO BECK DAX CAC MIB MSC LAttam * Iblowyea (Bilacit) ModOd	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1	-2 -6 -4 -1 0 -1 -3 5 0 0 0 -2	3 -6 -1 3 8 4 2 -1 3 5 4 4 -2 -1 -3 -5
SAPPSO Dow Jones Nikled TFSE TIOD EardStook S0 BEX AND BEX	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920	-0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 -0.7 -2.9	-2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3 -6	3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15
SAPPBO Down Jones Nikled FFSE TIOD ELBOSON, SO BEEX CACA CACA CACA CACA CACA CACA CACA C	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374	-0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 0.7 -2.9 0.5	-2 -6 -4 -1 0 -1 -1 -3 -5 0 0 0 -2 -3 -6 1	3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12
SAEPBO DOWN JONES NAME THE STORE SO  BET STORE SO  BET	20,480 18,419 7,148 3,410 10,265 12,000 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197	-0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2 0.8 0.0 -0.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3 -2.8	-2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3 -6 1 0 -1	3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9
SAPPBO Down Jones Nikled FFSE TIOD ELBOSON, SO BEEX CACA CACA CACA CACA CACA CACA CACA C	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 1,920 91,374 760	-0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2 0.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3	-2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3 -6 1	3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9 1 6
SAPPBO Down Jones Nikled FFEE TIO ELEVISION SO ELEVISION	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 76,007 1,920 1,94	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 -1.4 -0.3 -0.9 -0.8 -0.2 -1.2 -0.8 -0.0 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 0.7 -2.9 -0.5 -0.3 -2.8 -0.7 -0.8 -0.8 -0.7 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9	-2 -6 -4 -1 0 -1 -3 5 0 0 0 -2 -3 -6 1 0 -1 2 Monthly -9	3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9
SAPPBO DOWN JONES NAVIOR NAVIOR NAVIOR BEX DAX CAC MAN MASC Alters MASC IRRAN	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 level 112,3 84,8 58,2	-0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2 0.8 0.2 -1.2 0.8 -0.2 Doily -2.4 -1.2 -1.4	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3 -2.8 -0.7 -0.7 -0.8 -0.7 -0.8 -0.7	-2 -6 -4 -1 0 0 -1 -3 5 0 0 0 -2 -3 -6 1 0 0 -1 2 Monthly -9 -6 -4	3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9 1 6 YTD -6 -2 -5
SAPPBO DOW JONES NINES NINES NINES TEST TOO  CAROSTONIO SO  BOOK  ACC ACC ACC ACC ACC ACC ACC ACC ACC A	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 level 112,3 84,8 58,2 22,4	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2 0.8 0.0 -0.8 -0.9 -1.6 -1.7 -1.4 -1.4 -1.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -2.1 -1.1 -0.7 -2.9 -0.5 -0.3 -2.8 -0.7	-2 -6 -4 -1 0 0 -1 -1 -3 5 0 0 0 -2 -3 -6 1 0 -1 2 2 Monthly -9 -6 -4 -10	3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 20 9 1 6 YTD -6 -2 -5
SAPPBO Dow Jones Nikled TFJET 100 EaroShoux 50 BECX CAC CAC MASC Latam * BOYLER BECK BOYLER BECK MASC Latam * BOYLER BECK BOYLER BECK MASC LATAM * M	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 48,579 48,579 2,237 1,920 91,374 760 3,197 5,607 level 112,3 84,8 58,2 22,4 40,8 215,4	0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -0.9 -1.7 -0.9 -1.4 -0.3 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -1.2 -1.2 -1.4 -1.4 -1.4 -1.4 -1.4 -1.5 -1.4 -1.5 -1.4 -1.5 -1.5 -1.5 -1.5 -1.5 -1.5 -1.5 -1.5	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -2.1 -1.1 -0.7 -2.9 -0.3 -2.8 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7	-2 -6 -4 -1 0 0 -1 -3 5 0 0 0 -2 -3 -6 1 0 0 -1 2 Monthly -9 -6 -4	3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9 1 6 YTD -6 -2 -5
SAPPBO DOWN JONES NINES	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 760 3,197 5,607 level 112,3 84,8 58,2 22,4 40,8 215,4 98,2 57,3	0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.6 1.7 0.9 0.2 1.2 0.8 0.0 0.2 1.2 0.3 0.2 1.2 1.4 1.4 1.4 1.4 1.5 1.4 1.5 1.5 1.6 1.7 1.7 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3 -2.8 -0.7 Weekly -2.8 -1.0 -1.5 -2.2 -1.8 -5.4 -3.9	-2 -6 -4 -1 0 0 -2 -3 -6 1 0 0 -1 2 2 Monthly 9 -6 -4 -10 -9 -12 -6	3 -6 -1 3 8 4 4 2 -1 3 5 5 4 4 4 4 5 5 12 -15 20 9 1 6 6 -2 2 -6 11 -7 -7
SAPPBO Down Jones Nikele TFEE TOO DOWN JONES NIKELE TENE TOO DAX CAC ACAC ACAC ACAC ACAC ACAC ACAC A	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 7,60 3,197 5,607 level 112,3 84,8 58,2 22,4 40,8 215,4 40,8 215,4 98,2 57,3	0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.6 1.7 0.9 1.4 1.0 0.8 0.2 1.2 0.8 0.0 0.8 0.2 1.2 0.8 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	-0.8 -1.8 -1.8 -1.7 -1.5 -1.1 -1.2 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3	-2 -6 -4 -1 0 0 -1 -1 -3 3 5 0 0 0 -2 3 -6 1 0 0 -1 2 Monthly 9 -6 -4 -1 10 -9 -5 -5 -5 -5	3 -6 -1 -1 3 8 4 2 -1 1 3 5 5 4 4 4 5 5 12 20 9 1 1 6 6 2 -5 -2 6 6 -1 1 -7 9 -5 5 5
SAPPSO DOWN JONES NAME TESTE TOO TEATSCHOOL SO TESTE TOO TEATSCHOOL SO TESTE TOO TEATSCHOOL SO TESTE TOO T	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 5,607 1,920 1,374 760 3,197 5,607 112,3 84,8 58,2 24,4 40,8 215,4 40,8 215,3 11,7 14,9 13,7	0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.6 1.7 0.9 0.8 0.2 0.8 0.2 0.8 0.2 1.2 0.8 0.2 1.4 1.4 1.4 1.4 1.4 1.4 1.5 1.6 1.7 1.7 1.6 1.7 1.7 1.8 1.1 1.8 1.8 1.8 1.8 1.8 1.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -1.2 -2 -3.3 -0.4 -2.1 -1.7 -0.5 -0.3 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.3 -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 -0.7 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8	2 6 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 -6 -1 -1 -3 -3 -5 -4 -4 -5 -2 -1 -5 -2 -6 -1 -1 -7 -9 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
SAPERDO DOWN JONES NAME NAME NAME NAME NAME NAME NAME NAME	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 10,20 112,20 22,4 40,8 215,4 98,2 57,3 117,9 118,2 118,	0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.6 1.7 0.9 0.8 0.2 0.8 0.0 0.8 0.2 1.2 0.8 0.2 1.4 1.4 1.4 1.4 1.4 1.4 1.5 1.4 1.6 1.7 1.6 1.7 1.6 1.7 1.6 1.7 1.6 1.7 1.6 1.6 1.7 1.6 1.6 1.7 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -1.2 -1.3 -0.4 -0.8 -0.4 -2.1 -1.1 -0.7 -2.9 -0.3 -2.8 -0.7 -2.9 -1.5 -0.3 -2.8 -0.7 -1.1 -1.1 -1.1 -1.1 -1.1 -1.1 -1.1 -1	-2 -6 -4 -1 -1 -1 -1 -3 -5 -5 -7 -5 -4 -4	3 -6 -1 -1 -3 -8 -4 -2 -1 -1 -5 -2 -6 -1 -1 -7 -9 -2 -6 -6 -1 -1 -7 -9 -2 -6 -6 -1 -1 -7 -9 -2 -6 -6 -1 -1 -7 -9 -2 -6 -6 -1 -1 -7 -9 -2 -6 -6 -1 -1 -7 -9 -2 -6 -6 -1 -1 -7 -9 -2 -6 -6 -1 -1 -7 -9 -2 -6 -6 -1 -1 -7 -9 -2 -6 -1 -1 -7 -9 -9 -2 -6 -1 -1 -7 -9 -9 -2 -6 -1 -1 -1 -7 -9 -9 -2 -6 -1 -1 -1 -7 -9 -9 -2 -6 -1 -1 -1 -7 -9 -9 -2 -6 -1 -1 -1 -7 -9 -9 -2 -6 -1 -1 -1 -7 -9 -9 -2 -6 -1 -1 -1 -7 -9 -9 -2 -6 -1 -1 -1 -7 -9 -9 -2 -6 -1 -1 -1 -7 -9 -9 -2 -6 -1 -1 -1 -7 -9 -9 -2 -6 -1 -1 -1 -7 -9 -9 -2 -6 -1 -1 -1 -7 -9 -9 -2 -6 -1 -1 -1 -7 -9 -9 -2 -6 -1 -1 -1 -7 -9 -9 -2 -2 -6 -1 -1 -1 -7 -9 -9 -2 -2 -6 -1 -1 -1 -7 -9 -9 -2 -2 -6 -1 -1 -1 -7 -9 -9 -2 -2 -6 -1 -1 -1 -7 -9 -9 -2 -2 -6 -1 -1 -1 -7 -9 -9 -2 -2 -6 -1 -1 -1 -7 -9 -9 -2 -2 -6 -1 -1 -1 -7 -9 -9 -2 -2 -1 -1 -1 -7 -9 -9 -2 -2 -1 -1 -1 -7 -9 -9 -2 -2 -1 -1 -1 -7 -9 -9 -2 -2 -1 -1 -1 -7 -9 -9 -2 -2 -1 -1 -1 -7 -9 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1
SAPPRO DOWN JONES NAME THE TOTO CARCAGO SAPE ASSESS ASSES ASSESS ASSES ASSESS ASSESS ASSESS ASSESS ASSESS ASSESS ASSESS ASSESS ASSES	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 7,60 1,920 1,319 1,920	0.5   0.8   0.8   0.8   0.8   0.8   0.8   0.8   0.8   0.8   0.8   0.9   0.9   0.8   0.0   0.8   0.0   0.8   0.1   0.5	-0.8	2 6 4 4 -1 1 1 3 5 0 0 0 0 2 2 3 6 6 1 1 0 0 1 1 2 Monthly 9 6 4 4 1 1 0 9 5 5 5 7 7 5 5 4 4 9 9 -1 2 1 2	3 6 1 3 8 4 2 1 3 5 4 4 4 5 5 12 20 9 1 6 710 6 2 5 2 6 6 11 1 7 7 9 5 6 6 1 1 1 8 8
SAPERO DOWN JOHN JOHN JOHN JOHN JOHN JOHN JOHN JOH	20,480 18,419 7,148 3,410 10,265 12,000 19,443 67,7 6,714 48,579 1,320 91,374 7,60 1,320 91,374 7,60 1,320 11,23 84,8 215,4 98,2 22,4 40,8 215,4 98,2 57,3 11,7 14,9 13,7 14,9 13,7 14,9 13,7 14,9 13,7 14,9 13,7 14,9 13,7 14,9 13,7 14,9 13,7 14,9 13,7 14,9 13,7 14,9 14,9 14,9 14,9 14,9 14,9 14,9 14,9	0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.6 0.9 1.4 0.9 1.4 0.9 0.8 0.0 0.8 0.2 1.2 0.8 0.0 0.8 1.2 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	-0.8 1.8 3.0 1.7 1.5 1.1 1.2 2.9 1.5 1.1 1.0 7.7 1.1 1.1 1.2 1.2 1.1 1.1 1.2 1.2 1.1 1.1	-2	3 -6 -1 3 8 4 4 2 -1 3 5 5 4 4 4 5 5 12 20 9 1 6 6 -2 2 5 -2 6 6 -11 7 7 9 -2 6 6 -11 8 7 7
SAPERO DOWN JOHN JOHN JOHN JOHN JOHN JOHN JOHN JOH	20,480 1,144 1,148 1,149 1,148 1,149 1,148 1,149 1,148 1,149 1,148 1,149	0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.6 0.9 1.4 0.9 1.4 0.9 1.4 0.9 1.4 0.8 0.0 0.8 0.0 1.2 1.2 1.2 1.2 1.4 1.5 1.1 1.6 1.6 1.6 1.6 1.7 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	0.8 3.0 1.7 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.5	-2	3 -6 -1 -1 -3 -5 -4 -4 -5 -5 -2 -6 -1 -1 -7 -9 -2 -2 -6 -1 -1 -8 -7 -7 -4 -4 -7 -7 -4 -1 -8 -7 -7 -4 -1 -1 -8 -7 -7 -4 -1 -1 -8 -7 -7 -4 -1 -1 -7 -7 -4 -1 -1 -1 -7 -7 -4 -1 -1 -1 -7 -7 -4 -1 -1 -1 -7 -7 -4 -1 -1 -1 -7 -7 -4 -1 -1 -1 -7 -7 -4 -1 -1 -1 -7 -7 -4 -1 -1 -1 -7 -7 -4 -1 -1 -1 -7 -7 -7 -4 -1 -1 -7 -7 -7 -4 -1 -1 -7 -7 -7 -4 -1 -1 -7 -7 -7 -4 -1 -1 -7 -7 -7 -4 -1 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7
SAPPBO DOWN JONES NAVIOR THE TOTAL T	20,480 7,148 8,419 7,148 8,3410 10,265 4,990 4,9	0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.7 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9	0.8 3.0 1.7 1.5 1.1 1.5 1.5 1.1 1.5 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.1	2 6 4 1 1 3 5 0 0 0 0 2 3 6 1 1 0 1 1 2 2 Monthly 9 6 4 1 10 9 1 2 6 5 5 7 7 5 4 9 1 2 8 5 8 1 10 10 10 10 10 10 10 10 10 10 10 10 1	3 -6 -1 -1 -3 -8 -4 -4 -5 -5 -2 -6 -1 -1 -7 -7 -4 -1 -2 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4
SAPPBO DOWN JONES NAVIOR NAVIOR NAVIOR SAPEN SAP	20,480 7,148 8,419 7,148 8,3410 10,265 4,990 4,9	0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.6 0.9 1.7 0.9 1.4 0.3 0.9 0.8 0.2 1.2 0.8 0.0 0.8 0.2 1.2 1.2 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.7 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	0.8 3.0 1.7 1.5 1.7 1.5 1.7 2.2 2.3 3.4 2.1 1.5 1.7 1.5 1.7 2.2 2.3 3.5 1.5 1.7 1.5 1.7 1.7 1.5 1.7 1.7 1.5 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	2 6 4 1 1 0 1 1 1 2 3 5 5 0 0 0 0 2 2 3 6 6 1 1 0 0 1 1 2 5 5 5 7 7 5 5 4 9 9 1 1 2 8 8 1 0 1 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1	3 -6 -1 -1 -3 -8 -4 -4 -5 -1 -5 -2 -5 -2 -6 -1 -1 -7 -9 -5 -9 -2 -6 -1 -1 -7 -4 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6
SAPPEGO DOWN JONES NAVIOR STATES TO SEE SAPE SAPE SAPE SAPE SAPE SAPE SAPE	20,480 7,148 8,419 7,148 8,419 7,148 8,419 7,148 8,419 7,149 8,419	0.5 0.8 0.3 0.3 2.5 1.1 0.6 0.9 1.6 1.7 0.9 0.8 0.0 2.4 1.2 1.2 0.8 0.0 0.8 0.2 1.4 1.6 1.7 1.7 1.6 1.7 1.7 1.7 1.7 1.6 1.6 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	0.8 3.0 1.8 3.0 1.7 1.5 1.7 1.5 1.1 1.2 2.3 3.3 1.2 1.1 1.1 1.2 1.2 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	2 6 4 1 0 1 1 3 3 5 0 0 0 0 2 2 3 6 6 1 0 0 1 1 2 Monthly 9 6 4 1 10 9 1 1 2 8 8 1 1 2 8 8 1 1 1 1 1 1 1 1 1 1	3 6 6 1 3 8 4 4 2 1 1 3 3 5 1 2 2 0 9 1 1 6 2 2 5 2 6 6 11 1 8 7 7 4 4 6 6 7 7 5 5
SAPEROO DOWN JONES NAME TESTE TOO CENSORS SO DAY ASSAM SO DOWN SO	20.480 7.148 8.419 7.148 8.419 7.148 8.419 7.148 8.419 8.429 8.429 8.439	0.5 0.8 0.8 0.3 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.8 3.0 1.8 3.0 1.7 1.5 1.1 1.5 1.5	2 6 4 1 0 1 1 1 3 3 5 0 0 0 2 2 3 6 1 1 0 4 1 1 2 Monthly 9 6 4 1 10 9 1 1 2 5 5 5 7 5 4 4 1 2 8 8 5 8 1 10 4 3 3	3 6 6 1 3 8 4 4 2 1 1 5 5 4 4 4 5 5 1 2 1 5 6 6 2 1 5 6 6 1 1 1 7 7 7 7 4 4 1 2 4 6 6 7
SAPERO DOWN JOHN JOHN JOHN JOHN JOHN JOHN JOHN JOH	20.480 7.148 8.419 7.148 8.419 7.148 8.419 7.148 8.419	0.5	0.8 3.0 1.8 3.0 1.7 1.5 1.7 1.5 1.1 1.2 2.8 1.2 2.3 1.2 2.3 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 3.3	2 6 4 1 0 1 1 3 5 0 0 0 0 2 3 6 6 1 1 2 2 1 2 6 4 4 1 1 1 2 2 1 2 1 2 1 2 1 2 1 2 1 2 1	36 -61 -13 -88 -44 -45 -15 -20 -9 -11 -6 -2 -5 -2 -6 -6 -11 -7 -7 -7 -7 -4 -4 -12 -13 -13 -13 -13 -13 -13 -13 -13 -13 -13
SAPERO DOVE JOHN JOHN JOHN JOHN JOHN JOHN JOHN JOHN	20,480 7,148 8,419 7,148 8,419 7,148 8,419 7,148 8,419	0.5   0.8   0.3   2.5   -1.1   0.6   0.9   0.9   1.4   0.3   0.9   0.2   1.2   1.2   0.8   0.0   0.9   0.8   0.0   0.9   0.1   1.4   1.4   1.4   1.4   1.5   1.1	0.8 3.0 1.8 3.0 1.7 1.5 1.7 1.5 1.1 1.2 2.8 2.8 2.7 1.5 2.2 3.5 2.6 4.6 3.3 3.2 2.3 3.2 2.3 3.2 2.1 2.4 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4	2 6 4 1 0 1 1 3 5 0 0 0 0 2 3 6 6 1 1 0 1 1 2 2 1 2 6 6 1 1 1 1 2 2 1 2 6 6 1 1 1 2 1 2	36 -6 -1 38 44 22 -1 33 55 44 45 -5 -15 20 9 1 1 6 -2 -5 -5 -2 -6 -11 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -4 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1
SAPEROO DOWN JONES NAME THE TOTO CENSOR SAN SAN ASSESSED SAN	20.480 7.148 8.419 7.148 8.419 7.148 9.410 10.265 9.410 10.265 9.410 10.265 9.410 10.265 9.410 10.265 9.410 10.265	0.5   0.8   0.3   0.3   2.5   1.1   0.6   0.9   0.6   0.9   1.4   0.3   0.9   0.8   0.2   0.8   0.2   1.2   0.8   0.2   0.8   0.2   1.4   1.4   1.4   1.4   1.5   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   0.3   0.0   0.8   0.0   0.8   0.0   0.8   0.0   0.8   0.0   0.8   0.0   0.8   0.0   0.8   0.9   0.0   0.8   0.0   0.8   0.9   0.0	0.8 3.0 1.8 3.0 1.1.7 1.5 1.7 1.5 1.1.7 1.5 1.1.1 1.2 2.2 1.8 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.0 1.5 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	2 6 4 1 1 0 1 1 1 3 5 5 0 0 0 0 2 3 6 6 1 1 0 1 1 2 2 6 6 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 6 6 1 3 8 4 4 2 1 1 3 3 5 5 4 4 4 5 5 12 5 6 6 2 2 5 5 2 6 6 11 1 7 7 7 4 12 4 6 6 7 7 5 5 4 13 344 166
SAPPSO DOWN JONES NAME NAME NAME NAME NAME NAME NAME NAME	20,480 7,148 8,419 7,148 8,419 7,148 8,419 10,265 11,265 11,265 11,27 11	0.5 0.8 0.3 0.3 0.5 0.6 0.9 0.6 0.1 0.5 0.8 0.2 0.8 0.2 0.8 0.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.8 3.0 1.1.7 1.5 1.1.1 1.2.2 1.3.3 0.4 1.5 1.1.1 1.1.1 1.2.2 1.2.1 1.1.	2 6 4 1 0 1 1 1 3 5 0 0 0 0 2 3 6 1 1 0 1 1 2 2 2 2 2 2 2 2 2 3 6 1 1 0 1 1 2 2 5 5 7 7 5 4 9 9 1 1 2 3 3 4 4 5 5 5 5 3 3 6 6 Monthly	3 6 6 1 1 3 8 8 4 4 4 5 1 2 9 1 1 6 7 7 9 5 6 6 11 1 8 7 7 7 4 4 12 4 6 7 7 7 4 12 4 13 3 3 4 16 6 7 7 7 7 4 12 4 12 4 13 3 3 4 16 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
SAPERDO DOWN JONES NAME NAME NAME NAME NAME NAME NAME NAME	20.480 7.148 10.280 10.	0.5 0.8 0.8 0.3 0.3 0.6 0.9 0.6 0.6 0.9 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.6 0.9 0.1 0.7 0.9 0.9 0.8 0.2 0.8 0.0 0.8 0.2 0.8 0.0 0.8 0.0 0.8 0.0 0.8 0.0 0.8 0.0 0.0	0.8 3.0 1.1 1.1 1.2 2.1 1.1 1.1 1.2 1.1 1.1 1.1	2 6 4 1 1 0 1 1 1 1 3 3 5 0 0 0 2 3 6 6 1 1 0 1 1 1 2 2 Morelley 9 6 6 4 4 1 1 2 2 5 5 5 4 9 9 1 1 0 1 1 2 1 2 5 5 5 5 4 9 9 1 1 0 1 1 1 2 1 2 1 2 5 5 6 1 1 1 0 1 1 1 2 1 2 1 2 1 2 1 3 1 3 6 6 Morelley 9 1 1 1 1 5 5 3 3 6 6 Morelley 9 1 1 1 1 1 5 5 3 3 6 6 Morelley 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 8 4 2 1 3 5 4 4 5 5 20 9 1 6 6 6 6 6 7 7 7 9 5 5 6 6 6 7 7 7 7 4 4 6 6 7 7 7 5 5 4 1 3 3 4 4 1 6 4 2 2
SAPERDO DOWN JONES NAME NAME NAME NAME NAME NAME NAME NAME	20.480 7.148 8.149 19.479 19.4	0.5   0.6   0.5   0.6	0.88 3.00 1.18 3.00 1.17 1.15 1.17 1.15 1.17 1.15 1.17 1.17	-2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 6 6 1 1 3 8 4 4 2 1 1 3 5 5 4 4 4 5 5 1 2 2 0 9 1 1 6 6 2 2 6 6 1 1 1 7 7 7 4 4 6 7 7 7 4 1 2 4 6 7 2 2 4 8 8
SAPEROO DOWN JONES 100401 1004	20.480 18.419 7.148 18.419 7.148 19.00 19.00 19.443 19.443 19.47 1	0.5 0.8 0.3 0.3 0.5 0.6 0.1 0.5 0.6 0.1 0.5 0.6 0.1 0.7 0.7 0.9 0.8 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.8	-2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 6 6 1 3 8 4 2 2 1 5 5 4 4 5 5 12 12 15 5 6 6 1 11 7 7 9 5 5 7 7 4 1 13 3 4 4 6 6 7 7 5 5 4 4 1 13 3 3 4 4 6 6 7 7 5 5 4 4 8 8 3 3 8 8 8 8 8 8 8 8 8 8 8 8 8 8
SAPERDO DOWN JONES 100401 1004	20.480 18.419 7,148 18.419 7,148 18.626 19.43 19	0.5 0.8 0.3 0.3 0.5 0.5 0.6 0.9 0.8 0.0 0.8 0.0 0.9 0.8 0.0 0.0 0.5 0.6 0.9 0.8 0.0 0.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.88 3.0 1.1.2 1.1.7 1.5.5 1.1.2 1.2.2 1.1.2 1.1.1 1.1	-2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 8 4 2 1 3 5 4 4 5 5 1 12 5 2 9 9 1 1 6 6 6 1 1 7 7 9 5 5 9 2 2 6 6 1 1 1 7 7 7 4 4 1 2 4 1 3 3 4 6 6 4 2 2 4 8 3 3 Year 5 5
SAPSOO DOWN JONES NAME OF THE STATE OF THE SAME OF THE	20.480 18.419 7.148 18.419 7.148 19.20 11.00 11.	0.5   0.5	0.8 3.0 1.1.1 1.1.	-2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 6 6 1 1 3 8 4 2 2 1 1 3 5 5 4 4 4 5 5 2 2 0 9 1 1 6 6 2 2 5 2 2 6 6 1 1 1 7 7 7 7 4 4 6 7 7 7 4 1 1 3 3 4 1 1 6 4 2 2 4 8 8 3 3 4 2 2 4 8 8 3 3 4 2 2 4 8 8 3 3 4 2 2 4 8 8 3 3 4 2 2 4 8 8 3 3 4 2 2 4 8 8 3 3 4 2 2 4 8 8 3 3 4 2 2 4 8 8 3 3 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3
SAPSOO DOWN JONES 10040	20.480 18.419 7.148 18.419 7.148 19.00 19.00 19.43 19.43 19.43 19.43 4.990 19.443 4.970 19.43 4.970 19.43 4.970 19.43 4.970 19.43 4.970 19.43 4.970 19.43 4.970 19.43 4.970 19.43 4.970 19.43 19.43 4.90 19.43 19.	0.5   0.5	0.8 3.0 1.1.0 1.1.1 1.1.	-2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 6 6 1 3 8 4 2 1 3 5 5 4 5 5 4 3 3 4 4 9 2 7 2 7 4 8 8 3 3 4 4 9 3 3 4 4 9 3 3 4 4 9 3 3 4 9 4 9
SAPERDO DOWN JONES NAME NAME NAME NAME NAME NAME NAME NAME	20.480 18.419 7.148 18.429 19.433 19.490 19.443 64.77 76.774 4.990 19.443 64.77 76.774 1.920 64.77 1.920 1.921 1.9	0.5 0.8 0.3 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.8 1.8 3.0 1.17 1.17 1.17 1.17 1.17 1.17 1.17 1.	-2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3
SAPSOO DOWN JONES NAME OF SAPSON  NAME OF SAPS	20.480 118.419 7.148 13.410 13	0.5   0.5	0.8	-2 -6 -4 -1 -1 -1 -3 -3 -5 -5 -7 -5 -4 -9 -9 -10 -10 -4 -3 -3 -5 -5 -7 -5 -4 -9 -10 -4 -3 -3 -5 -5 -5 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6	3 8 4 2 2 3 3 3 4 4 4 5 5 12 5 5 2 6 6 11 7 7 7 7 7 4 2 4 6 6 7 7 5 4 4 13 3 3 13 13 13 13 13 13 13 13 13 13 13
SAPEROO DOWN Jones Noted Noted Noted STAFF STORE NOTE STAFF STAFF STORE NOTE STAFF	20.480 7.148 18.419 7.148 18.419 7.148 12.000 19.443 19.001 19.443 19.001 19.443 19.001 19.443 19.001 19.443 19.001 19.443 19.001 19.443 19.001 19.443 19.001 19.443 19.001 19.443 19.001 19.443 19.001 19.443 19.001 19.443 19.001 19.443 19.001 19.443 19.001 19.443 19.44	0.5   0.5	0.8 d. 3.0 d. 4.1.7 d. 5.1.7 d	2 6 4 1 1 1 3 5 5 0 0 0 2 3 6 1 0 0 1 1 2 7 1 2 7 1 2 5 5 7 7 5 5 8 8 1 1 0 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 1 2 1 2 7 1 2 8 1 2 1 2 7 1 2 8 1 2 1 2 7 1 2 8 1 2 1 2 7 1 2 8 1 2 1 2 7 1 2 8 1 2 1 2 7 1 2 7 1 2 8 1 2 1 2 7 1 2 7 1 2 8 1 2 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 1 1 1	3
SAPERDO DOWN JONES NAME NAME NAME NAME NAME NAME NAME NAME	20.480 18.419 7.148 18.419 7.148 12.000 19.443 10.490 19.443 10.490 19.443 10.490 19.443 10.490 19.443 10.490 19.443 10.490 19.443 10.490 19.443 10.490 10.443 10.490 10.443 10.490 10.443 10.443 10.490 10.443 10.490 10.443 10.490 10.4	0.5   0.5	0.8	2	3 6 6 1 3 8 8 4 4 4 5 2 9 9 1 6 6 7 7 9 5 6 6 1 1 7 7 9 9 2 2 6 6 6 1 1 1 1 8 8 7 7 4 1 2 2 4 6 6 7 7 9 1 1 3 3 4 1 1 6 6 7 7 7 9 1 1 1 8 8 7 7 7 4 1 1 1 8 8 7 7 7 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPEROO DOWN JONES NAME NAME NAME NAME NAME NAME NAME NAME	20.480 118.419 17.148 18.419 17.148 17.148 17.148 17.148 17.148 17.149 17.149 17.141 1	0.5   0.5	-0.8   -0	2	3 6 6 1 3 8 4 4 4 5 2 2 2 2 6 1 1 7 7 7 4 1 2 4 6 6 7 7 5 4 1 1 3 3 4 1 1 4 1 1 1 1 1 1 1 1 1 1 1
\$48500  Down Jones    Word	20.480 10.685 10	0.5 0.8 0.9 0.1 0.6 0.1 0.6 0.1 0.6 0.1 0.5 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	-0.8   -0	2	3 6 6 1 1 3 8 4 4 4 5 5 7 7 3 1 1 5 1 1 1 5 1 1 1 1 5 1 1 1 1 1 1 1
SAPSOO DOWN JONES  NAME OF THE TOWN SAPEN	20.480 118.419 17.148 18.419 17.148 17.148 17.148 17.148 17.148 17.149 17.149 17.141 1	0.5 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-0.8   -0	2	3 6 6 1 3 8 4 4 4 5 2 2 2 2 6 1 1 7 7 7 4 1 2 4 6 6 7 7 5 4 1 1 3 3 4 1 1 4 1 1 1 1 1 1 1 1 1 1 1
SAPEROO DOWN JONES HORSE	20.480 18.419 7.148 18.419 7.148 19.20 19.20 19.20 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.20 19.43 19.	0.5 0.8 0.8 0.3 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-0.8   -0	2	3 6 6 1 1 3 8 4 4 4 5 5 7 7 3 1 1 5 1 1 1 5 1 1 1 1 5 1 1 1 1 1 1 1
SAPEROO DOWN JONES 100401 1004	20.480 10.491 10.492 10.493 10	0.5 0.8 0.9 1.6 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.8 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	-2	3 6 1 1 3 3 8 8 4 2 1 1 3 1 5 1 1 2 2 1 5 5 4 4 3 3 1 4 4 4 8 8 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
SAPERO DOWN JONES  NAME OF SAPERO  NAME OF SAP	20.480 18.419 7.148 18.419 7.148 19.20 11.	0.5 0.8 0.8 0.9 0.9 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	-0.8   -0	2 6 4 1 1 1 1 3 5 5 5 7 7 5 4 4 9 1 1 1 1 1 2 1 2 1 3 1 3 5 5 5 3 3 6 6 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 6 1 3 8 4 4 4 4 5 2 2 4 6 6 7 7 7 7 4 4 6 6 7 7 7 4 4 8 8 3 3 4 4 4 4 6 5 5 7 3 4 4 4 6 6 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
SAPEROO DOWN JONES  100 JONES  10	20.480 18.419 7.148 18.419 7.148 19.20 19.20 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.63 19.43 19.	0.5 0.8 0.9 0.9 0.1 0.1 0.6 0.9 0.9 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0-88 3-18 3-18 3-18 3-18 3-18 3-18 3-18 3	2 6 4 1 1 1 3 5 5 1 1 2 Moorthly -0.4 1 3 3 6 6 1 1 2 7 7 5 4 9 9 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	3 6 6 1 1 3 3 8 8 4 4 4 5 5 7 7 7 4 12 4 6 6 7 7 7 7 4 12 4 6 6 7 7 7 7 7 4 12 4 6 6 7 7 7 7 7 7 1 1 1 1 1 1 1 1 1 1 1 1
\$48900  Down Jones    Noted   First 100	20.480 10.491 10.492 10.493 10	0.5 0.8 0.9 1.1.1 1.0.0	0.8	-2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 6 6 1 3 3 8 4 4 4 4 5 5 7 7 9 5 9 9 9 2 2 6 6 1 7 7 9 5 9 9 9 9 2 2 6 6 1 1 7 7 9 5 9 9 9 9 2 2 6 6 1 1 1 5 5 4 4 1 1 5 5 4 4 1 1 5 5 1 4 1 1 5 5 1 4 1 1 5 5 1 4 1 1 5 5 1 1 1 2 2 2 2 4 1 1 1 1 1 5 5 1 1 2 2 2 3 2 3 3 3 3 3 3 3 3 3 3 3 3 3
\$48900  Down Jones  Noted  The \$150 \$50  BEX.  OAX  CAC  MISS.  ASS. Alberts  MSS. Electron  MSS	20.480 18.419 7.148 18.419 7.148 12.000 12.000 12.000 12.000 13.410 14.990 19.443 4.990 19.443 4.990 19.443 4.990 19.443 4.990 19.443 19.244 4.990 19.443 19.244 4.990 19.443 19.244 4.990 19.443 19.244 19.2	0.5 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-0.8   -0	2	3 6 6 1 1 3 3 8 8 4 2 1 1 3 3 5 5 1 1 2 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1





Debt markets	(10X 9/ ·	anges in b	vo)		
Developed Markets US (2-yr)	1.16	Daily -4.1	Week	Month -15	YTD -5
US GER (2-yr)	2.18 -0.86	-6.7 -0.2	-7.3 -11.4 -1.4 -4.8	-32 -9	-26 -9
Germany France	0.16 0.89	-3.1 -2.4	-7.0	-28 -22	-12 8
Spain Italy	1.67 2.26	-3.7 -5.6	2.6 -2.0	-21 -10	16 39
Portugal Greece	3.82 6.79	-6.7 11.9	-3.6 6.9	-75 -61	-36 -10
Japan (2-yr) Japan Emercing Markets	-0.22 0.01	-1.3 -2.7 Dally	0.4 -6.5 Weekly	-6 Monthly	-3 -6 YTD
Brazil Chile	10.05	-4.3 -0.1	2.5 -3.4	-18 -42	-136 -42
Colombia Mexico	6.57 7.12	-5.0 -3.1	-5.4 -10.1	-27 -13	-52 -51
Peru Poland	5.79	0.2	-5.1 -7.6	-16 -37	-68 -35
Russia Turkey	8.09 10.66	-4.1 3.7 8.0	-3.0 -3.0	-5 -4	-36 -34
India Indonesia	6.86 7.06	1.7	5.4 -2.7	0 -17	48 -78
Country ris Developed Markets	k (bp. chang level	es in bp) Daily	Weekly	Monthly	YTD
10-yr so vereign spread vs Germany France	74	0.7	-2.2	6	20
Italy Portugal	211 366	-2.5 -3.6	2.8 1.2	18 -19	51 4
Spain  2-yr sovereign spread vs Germany	151	-0.6	7.4	7	36
France Italy	54 82	0.7 -2.5	-0.5 0.1	22 4	44 21
Portugal Spain	127 65	0.9 -2.5	2.4 -0.5	-82 2	-20 17
Emerging Markets 5-yr sovereign CDS *	level	Daily	Weekly	Monthly	YTD
Brazil Chile	222 78	-1 2	4 5	8	-50 -4
Colombia Mexico	135 129	1	5	-3	-28 -27
Peru Venezuela	104 3,464	-25	4	7	-4 -441
Poland Russia	69 167	0	0	5 2	-7 -9
Turkey China	231 88	1 0	-3 5	8 7	-41 -29
India Indonesia	99 137	0	1 7	2	-28 -19
Ris Volatilty indicators (%)		Daily	Weakle	Monthly	YTD
Volatility indicators (%) VIX VSTOXX	15 26	4.8 9.4	2 12	36 129	4 9
VSTOXX EM EFT volatility Index Dollar/euro volatility	26 21 13	9.4 3.1 -2.9	12 7 3	129 50 91	9 4 26
EM FX volatility index	9	-1.0	-2	4	-17
Credit spread (BAA) (bps) US bonds volatility index Banking 5 y CDS (tos)	237 71	6.7 -4.7	10	8 17	-7
US	63	Daily 0.3	Weekly 1	Monthly 3	-9
EZ UK	116 81	0.2	1	13 10	-9
Large Spanish Medium Spanish	107 165	0.2 0.3	-4 -1	-1 9	-10 13
Corporate 5y CDS (bps) * US Non-financial	level 153	Daily 0.3	Weekly 1	Monthly 3	YTD -9
EZ Non-financial UK Non-financial	102 123	0.2	4 2	13 12	-2
Interbank ma	rkets (%, che level	nges in by 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	-0.12 1.16	0.00	0.0	0.0	0.0
Libor 12m EZ TED spread 3m	1.77 47.2	0.00	0.0 3.4	0.0 -11.3	0.1 -19.2
	k markets (	6)			
Main indices			Sales - Sales	Bill or out below	
Main indices S&P500	2.337	Daily -0.5	-0.7	-2	3
S&P500 Dow Jones Nikkei	20,480	-0.5 -0.8	-0.7 -0.8 -1.8	-2	3
S&P500 Dow Jones Nikkel FTSE 100	20,480 18,419 7,148	-0.5 -0.8 0.3 -2.5	-0.8 -1.8 -3.0		3 -6 -1
S&P500 Dow Jones Nikkei	20,480 18,419 7,148 3,410 10,265	-0.5 -0.8 0.3	-0.8 -1.8 -3.0 -1.7 -1.5	-2 -6 -4	3 -6
S&P500 Dow Jones Nikkei FTSE 100 EuroStoxx 50 IBEX	20,480 18,419 7,148 3,410	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6	-0.8 -1.8 -3.0 -1.7	-2 -6 -4 -1 0	3 -6 -1 3
SAPBOO DOW Jones Nêkei FTESE 100 EuroStoxx 50 IBEX DAX CAC CAC ASE AMBERS MB ASE Athens	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2	-2 -6 -4 -1 0 -1	3 -6 -1 3 8 4 2 -1 3
SAPBOO Down Jones Niked FTSE 100 EuroStoxx 50 BIBX DAX CAR ANA MASC Althers MSC Althers Hooked United Hooked Unite	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4	-2 -6 -4 -1 0 -1 -1 -3 5 0	3 -6 -1 3 8 4 2
SAPSDO Down Jones Nikket FTES 100 EuroStoux 50 BIBCX DAX CAC MIB MIS	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8	-2 -6 -4 -1 0 -1 -1 -3 5	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 2 -1 1 3
S&P500 Dow Jones Nikled FFEE TO EuroSitous S0 BIBX BIBX AST Alters MMG Latam* Bloveraga Blazilo Mortal Margae Mortal Mort	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 4,579 4,777 2,237 1,920 91,374	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 -0.2 -1.2 0.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 0.7 -2.9 0.5	-2 -6 -4 -1 0 -1 -1 -3 -5 0 0 0 -2 -3 -6 1	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20
SAPPBO Down Jones Naket FIEST 100  SAX  AX  CAC  MISC MISC MISC MISC MISC MISC MISC MISC	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 7,671 3,197	-0.5 -0.8 -0.8 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 -0.2 -1.2 0.8 -0.9	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3 -2.8	-2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3 -6 1 0 -1	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9
SAPPBO Down Jones Nöbel FFES TOM S  Nöbel FFES TOM S  BEX DAX CAC MR MORE LIMINE MR CLatine MR CLat	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2 0.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3	-2 -6 -4 -1 0 -1 -1 -3 -5 0 0 0 -2 -3 -6 1	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9 1 6
SAPPBO Down Jones Nobel Nobel TFE TOO SO DOWN JONES DAY	20,480 18,419 7,148 3,410 10,265 12,000 19,443 677 76,714 64,128 48,579 91,374 760 3,197 5,607 level 112,3 84,8	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.2 -1.2 0.8 -0.2 -0.9 -0.8 -0.2 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 -0.7 -2.9 -0.5 -0.3 -0.7 Weekly -2.8 -1.0	-2 -6 -4 -1 0 -1 -3 5 0 0 0 -2 -3 -6 1 0 -1 2 Monthly -9 -6	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9 1 6 YTD
SAPPOD Down Jones Niklei FFEE TOO FLANGTON SO AND DAX CAC MINE ASS Althers MING Listem HOUSE HEROPE Poland MINE CHILD MINE MINE MINE MINE MINE MINE MINE MINE	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 464,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 level 112,3 84,8 58,2 22,4	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2 0.8 0.0 -0.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 0.7 -2.9 -0.5 -0.3 -2.8 -0.7 -0.8 -0.8 -0.7 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9	-2 -6 -4 -1 0 -1 -3 5 0 0 0 -2 -3 -6 1 0 -1 2 Monthly -9	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9 1 6
SAPPBO Dow Jones Niklei FFEE TOO EuroSious 50 BIOX MIB ASE Alteria MIB ASE	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 4,777 2,237 1,920 91,374 760 3,197 5,607 12,23 112,3 84,8 58,2 22,4 40,8 215,4	-0.5 -0.8 -0.8 -0.9 -1.0 -0.9 -1.7 -0.9 -1.7 -0.9 -1.2 -0.3 -0.9 -0.2 -1.2 -0.8 -0.2 -1.2 -0.8 -0.2 -1.2 -1.3 -0.6 -0.9 -1.1 -0.6 -0.9 -1.1 -0.6 -0.9 -1.1 -0.6 -0.9 -1.1 -0.3 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -2.1 -1.1 -0.7 -2.9 -0.3 -2.8 -0.7 -2.8 -1.7 -1.5 -2.2 -1.5 -2.2 -1.5 -2.2 -1.5	-2 -6 -4 -1 -1 -3 -5 -0 -2 -3 -6 -1 -2 -Monthly -9 -6 -4 -1 -9	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -9 1 6 -7 -1 9 1 6 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7
SAPPBO Down Jones Notes	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 760 3,197 5,607 level 112,3 84,8 84,8 94,9 10,000 19,443 60,443 60	0.5 -0.8 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 -1.2 -0.3 -0.9 -0.2 -1.2 -0.2 -1.2 -0.3 -0.2 -1.2 -0.3 -0.2 -1.2 -0.3 -0.3 -0.4 -0.5 -	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3 -2.8 -0.7 -2.9 -0.3 -2.8 -1.5 -2.2 -1.5 -2.2 -1.5 -2.3 -3.3 -3.3 -3.3 -3.3 -3.3 -3.3 -3.3	-2 -6 -4 -1 0 1 -1 -1 -3 -5 0 0 0 -2 -3 -6 1 0 -1 2 Monthly 9 -6 -4 -10 -9 -12 -6 -5 -5	3 3 6 -1 1 3 8 4 2 -1 3 5 4 4 -5 2 -1 5 20 9 1 6 -2 -5 -2 -6 -1 -7 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9
SAPPOO DOWN JONES NOVES NO	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 4,777 2,237 1,920 91,374 760 3,197 5,607 12,23 112,3 84,8 58,2 22,4 40,8 215,4	0.5 -0.8 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -1.4 -1.5 -1.4 -1.5 -1.4 -1.5 -	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3 -2.8 -0.7 Weekly -2.8 -1.0 -1.5 -2.2 -1.8 -5.4 -3.9	-2 -6 -4 -1 0 0 -2 -3 -6 1 0 0 -1 2 2 Monthly 9 -6 -4 -10 -9 -12 -6	3 3 6 -1 3 8 4 2 -1 3 5 4 4 4 5 12 -1 5 20 9 1 6 7 7 6 7 7
SAPPOO DOWN JONES NINES	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 10,20 112,3 84,8 58,2 22,4 40,8 21,7 91,37 11,7 11,7 11,7 11,7 11,7 11,7 11,7	0.5 -0.8 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 -1.2 -0.3 -0.9 -0.2 -1.2 -0.2 -1.2 -0.3 -0.2 -1.2 -0.3 -0.2 -1.2 -0.3 -0.3 -0.4 -0.5 -	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -1.2 -1.3 -0.4 -0.8 -0.4 -2.1 -1.1 -0.7 -2.9 -0.3 -2.8 -0.7 -2.9 -1.5 -0.3 -2.8 -0.7 -1.1 -1.1 -1.1 -1.1 -1.1 -1.1 -1.1 -1	-2 -6 -4 -1 -1 -1 -1 -3 -5 -5 -7 -5 -4 -4	3 3 6 -1 3 8 4 2 -1 3 5 5 4 4 4 -5 5 20 9 1 6 6 YTD 6 -2 -5 -2 -6 6 -1 1 7 -9 -2 -2 -6 -6 -6
SAPPOO DOWN JONES NINDER THESE TOO S  REX DOWN JONES REX DOX CAC DOX CAC DOX REX DOX REX REX REX REX REX REX REX REX REX RE	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 12,24 40,8 22,4 40,8 22,4 40,8 21,7 91,37 11,7 11,7 11,7 11,7 11,7 11,7 11,7	0.5 0.8 0.3 0.2 0.5 0.9 0.9 0.9 0.9 0.2 0.2 0.2 0.2 0.2 0.2 0.4 0.2 0.5 0.9 0.4 0.4 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	-0.8	2 6 4 4 -1 1 1 3 5 0 0 0 0 2 2 3 6 6 1 1 0 0 1 1 2 Monthly 9 6 4 4 1 1 0 9 5 5 5 7 7 5 5 4 4 9 9 -1 2 1 2	3 3 6 1 1 3 8 4 2 1 3 5 1 4 4 5 5 12 15 20 9 1 1 6 6 2 5 5 2 6 6 11 7 7 9 5 5 9 2 2 6 6 11 8
SAPPOO DOWN JONES NOVES NO	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 1,920 91,374 760 3,197 1,920 91,374 760 112,3 84,8 58,2 22,4 40,8 215,4 98,2 57,3 11,7 14,9 13,7 14,9 13,7 14,9 13,7 14,9 13,7 14,9 13,7 14,9 13,7 14,9 13,7 14,9 13,7 14,9 13,7 14,9 14,9 14,9 14,9 14,9 14,9 14,9 14,9	0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.4 0.9 1.4 0.9 1.4 0.9 1.4 0.9 1.4 0.9 1.4 0.9 1.4 1.5 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	-0.8 1.8 3.0 1.7 1.5 1.1 1.2 2.9 1.5 1.1 1.0 7.7 1.1 1.1 1.2 1.2 1.1 1.1 1.2 1.2 1.1 1.1	-2	3 3 6 1 3 3 8 4 2 1 1 3 5 4 4 4 5 5 12 20 9 1 6 6 2 6 6 11 7 7 9 5 9 2 2 6 6 11 1 7 9 5 9 2 2 6 6 11 1 7 9 5 9 2 2 6 6 11 1 7 9 9 5 9 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPPOO DOWN JONES NINES	2.0.480 7.148 8.419 7.148 8.419 7.148 8.419 7.148 6.412 7.6714 6.4.128	0.5 0.8 0.3 0.2 0.5 0.9 0.9 0.9 0.9 0.2 0.2 0.2 0.2 0.2 0.2 0.4 0.2 0.5 0.9 0.4 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.8 3.0 1.7 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.5	-2	3 3 6 1 3 3 8 4 2 2 1 3 5 5 4 4 4 5 5 12 20 9 1 6 6 2 2 5 5 2 6 6 111 7 7 9 9 2 6 6 111 8 7 7
SAPPOO DOWN JONES NINES	20.480 7.148 3.410 10.265 4.990 4.990 4.990 6.76,714 6.714 6.714 6.712 6.712 6.712 6.713 6.713 6.714 6.712 6.713 6.713 6.714 6.713 6.714 6.713 6.714 6.713 6.714 6	0.5 0.8 0.8 0.3 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	- 0.8	-2	3 3 6 1 3 8 4 2 1 3 5 5 4 4 5 5 12 15 5 20 9 1 6 6 2 2 6 6 111 7 9 9 2 6 6 111 8 7 7 7 4
SAPPOO DOWN JONES NOVES NO	20.480 7.146 8.419 7.146 8.419 7.148 8.419 7.148 8.419	0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.7 0.9 1.6 0.8 0.2 0.8 0.2 0.8 0.2 1.2 1.4 1.2 1.4 1.7 1.8 1.5 1.5 1.1 1.1 1.1 1.1 1.2 1.1 1.1 1.2 1.1 1.2 1.1 1.2 1.1 1.2 1.1 1.2 1.1 1.2 1.1 1.2 1.1 1.2 1.1 1.2 1.1 1.2 1.1 1.2 1.1 1.2 1.1 1.2 1.1 1.2 1.1 1.2 1.2	0.8 3.0 1.8 3.0 1.7 1.5 1.1 1.5 1.5	2 6 4 1 1 3 5 0 0 0 0 2 3 6 1 1 0 1 1 2 2 Monthly 9 6 4 1 10 9 1 2 6 5 5 7 7 5 4 9 1 2 8 5 8 1 10 10 10 10 10 10 10 10 10 10 10 10 1	3 3 6 1 3 8 4 2 1 3 5 4 4 5 5 20 9 1 6 6 7 1 1 7 9 9 2 6 6 1 1 1 8 7 7 7 4 1 1 2 4 1 4
SAPPOO DOWN JONES NINES	20.480 7.148 7.148 7.148 7.148 7.148 7.149	0.5 0.8 0.3 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.8 3.0 1.7 1.5 1.7 1.5 1.7 2.2 2.3 3.4 2.1 1.5 1.7 1.5 1.7 2.2 2.3 3.5 1.5 1.7 1.5 1.7 1.7 1.5 1.7 1.7 1.5 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	2 6 4 1 0 1 1 1 3 3 5 0 0 0 2 2 3 6 1 1 0 4 1 1 2 Monthly 9 6 4 1 10 9 1 1 2 5 5 5 7 5 4 4 1 2 8 8 5 8 1 10 4 3 3	3 3 4 4 1 3 3 8 4 4 2 1 1 3 5 5 4 4 5 5 2 2 0 9 1 6 6 2 5 5 2 6 6 1 1 1 7 7 9 9 2 2 6 6 1 1 1 8 7 7 7 4 4 6 6 7
SAPPOO DOWN JONES NINES	20.480 7.148 3.410 10.265 4.990 11.944 7.67,14 4.990 11.947 7.67,14 4.957 7.70,14 4.95	0.5	0.8 3.0 1.1 1.1 1.1 1.2 1.2 1.3 3.3 0.4 4.0 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	2 6 4 1 1 0 1 1 1 3 5 5 0 0 0 0 2 3 6 6 1 1 0 1 1 2 2 6 6 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 4 4 2 -1 3 3 5 4 4 4 5 5 12 20 9 1 6 6 2 2 6 6 -1 11 8 8 7 7 7 4 12 4 6 6 7 5 5 4 13 34 16 16
SAPPBO Down Jones Nobel FIFE TOO SO Nobel SAPPE SO	20.480 18.419 7.148 3.410 10.260 40.490 40.4	0.5	0.8 3.0 1.8 3.0 1.7 1.5 1.7 1.5 1.1 1.2 2.8 1.2 2.3 1.2 2.3 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 3.3	2 6 4 1 0 1 1 3 5 0 0 0 0 2 3 6 6 1 1 2 2 1 2 6 4 4 1 1 0 1 1 1 2 2 1 1 2 1 2 1 2 1 2 1 2 1	3 3 4 4 4 2 1 3 3 5 12 15 20 9 1 6 6 2 5 5 2 6 6 11 7 7 7 4 12 4 6 6 7 7 5 4 13 34 34 34 34
SAPPBO Down Jones Naker	20.480 18.419 7.148 3.410 10.260 40.490 40.4	0.5 0.8 0.8 0.3 0.3 0.6 0.9 0.6 0.6 0.9 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.4 0.2 0.8 0.2 0.4 0.2 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0.8 3.0 1.8 3.0 1.7 1.5 1.7 1.5 1.1 1.2 2.8 2.8 2.7 1.5 2.2 3.5 2.6 4.6 3.3 3.2 2.3 3.2 2.3 3.2 2.1 2.4 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4	2 6 4 1 1 0 1 1 1 1 3 5 0 0 0 0 2 3 6 6 1 1 1 2 2 Monthly 9 6 6 5 5 7 7 5 4 9 1 1 2 8 5 8 5 8 5 8 5 8 6 5 5 6 1 1 0 4 3 3 4 5 5 5 5 5 5 5 6 1 1 0 5 6 5 5 5 6 8 6 5 6 6 6 6 6 6 6 6 6 6 6	3 3 4 4 5 5 12 15 5 2 6 6 1 11 7 7 7 4 12 4 6 6 7 7 5 4 13 3 4 4 6 7 5 4 4 16 6 7 5 4 4 16 6 7 5 4 4 16 6 7 5 4 4 16 6 7 5 4 6 6 7 5 6 6 6 7 5 6 7 5 6 7 6 7 6 7 7 7 7
SAPPBO Down Jones Notes	2.0.480 10.265 1	0-5   0-6	0.8 3.0 1.1 1.1 1.2 2.1 1.1 1.1 1.2 1.1 1.1 1.1	2 6 4 1 1 0 1 1 1 1 3 3 5 0 0 0 2 3 6 6 1 1 0 1 1 1 2 2 Morelley 9 6 6 4 4 1 1 2 2 5 5 5 4 9 9 1 1 0 1 1 2 1 2 5 5 5 5 4 9 9 1 1 0 1 1 1 2 1 2 1 2 5 5 6 1 1 1 0 1 1 1 2 1 2 1 2 1 2 1 3 1 3 6 6 Morelley 9 1 1 1 1 5 5 3 3 6 6 Morelley 9 1 1 1 1 1 5 5 3 3 6 6 Morelley 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 4 4 5 2 11 12 15 5 9 9 1 6 6 2 6 6 11 1 7 7 9 1 2 6 6 7 7 7 4 11 12 1 4 16 6 7 7 5 4 13 16 6 7 7 7 4 12 1 16 6 7 7 7 7 4 13 16 6 7 7 7 7 7 8 16 16 6 7 7 7 7 8 16 16 6 7 7 7 7 7 8 16 16 6 7 7 7 7 8 16 16 16 16 16 16 16 16 16 16 16 16 16
SAPPOD Down Jones Nobel Nobel PETES TOO S Nobel	20.480 118.419 7.148 18.419 7.148 18.419 7.148 112.00 119.413 14.990 119.413 14.990 119.413 14.990 119.413 14.990 119.413 14.990 119.413 14.990 119.413 14.990 119.413 14.990 14.777 760 14.970 16.070	0-5   0-5   0-5   0-5   0-5   0-5   0-5   0-5   0-5   0-5   0-6   0-7	0.88 3.00 1.18 3.00 1.17 1.15 1.17 1.15 1.11 1.22 1.11 1.17 1.23 1.33 1.34 1.07 1.17 1.17 1.17 1.18 1.18 1.19 1.18 1.19 1.19 1.19 1.19	-2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 4 4 5 12 15 16 6 6 7 7 9 9 5 2 6 6 111 7 7 4 12 4 6 6 7 5 1 3 3 4 1 6 4 2 2 4 4 8
SAPPOO DOWN JONES NINES	20.480 18.419 7.148 18.419 7.148 18.419 7.148 19.20 19.40 19	-0.5   -0	0.88 3.00 1.18 3.00 1.17 1.15 1.17 1.15 1.17 1.15 1.17 1.15 1.17 1.17	-2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 4 4 1 3 3 4 4 4 5 12 15 12 10 10 10 10 10 10 10 10 10 10 10 10 10
SAPPSOO DOWN JONES NOVEL	20.480 18.419 7.148 18.419 7.148 19.10 11.00 11.	-0.5   -0	0.8 3.0 1.1.1 1.1.	-2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 4 4 2 1 3 5 4 4 4 5 5 2 2 6 6 11 1 7 7 9 9 5 9 2 2 2 2 6 6 11 1 1 7 7 7 4 1 1 2 6 6 7 7 7 4 1 1 3 3 4 4 4 6 5 2 4 6 6 7 7 7 7 4 1 1 1 1 6 6 7 7 7 7 4 1 1 1 1 6 6 7 7 7 7 7 7 7 8 7 8 7 8 7 8 7 8 7 8
SAPPOO DOWN JONES NOVEL	20.480 18.419 7.148 18.419 7.148 19.20 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.20 19.43 19.43 19.20 19.43 19.20 19.43 19.20 19.43 19.20 19.	-0.5   -0	0.8 3.0 1.1.0 1.1.1 1.1.	-2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 6 6 7 7 8 9 9 1 1 1 1 1 1 2 5 9 9 2 6 6 7 7 9 1 1 2 1 2 6 7 7 5 4 1 3 3 4 4 2 1 1 3 3 5 7 7 4 2 4 4 4 4 2 2 4 4 8 3 3 4 4 2 2 4 4 8 8 3 4 4 2 2 4 4 8 8 3 4 4 2 2 4 4 8 8 3 4 4 2 2 4 4 8 8 3 4 4 2 2 4 4 8 8 3 4 4 4 2 2 4 4 8 8 3 4 4 4 2 2 4 4 8 8 3 4 4 4 2 2 4 4 8 8 3 4 4 4 4 2 2 4 4 8 8 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
SAPPOO DOWN JONES NOVED	20.480 10.005 118.419 7.148 10.005 119.433 110.105 119.433 119	-0.5   -0.6   -0	0.8 d. 3.0 d. 4.1.7 d. 5.1.7 d	-2 -6 -4 -1 -1 -3 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	3 3 4 4 2 1 3 5 5 4 4 4 5 5 20 9 9 1 1 6 2 6 6 7 7 9 9 2 6 6 1 1 7 7 7 7 7 7 7 7 1 1 2 1 4 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
\$45900 Down Jones   Nikelet	20.480 11.419 17.148 18.419 17.148 17.148 17.148 17.148 17.148 17.148 17.148 17.148 18.149 18.1499 18.	0.5 0.8 0.3 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	-0.8   -0	2 6 4 1 1 1 3 5 5 0 0 0 2 3 6 1 0 0 1 1 2 7 1 2 7 1 2 5 5 7 7 5 5 8 8 1 1 0 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 1 2 1 2 7 1 2 8 1 2 1 2 7 1 2 8 1 2 1 2 7 1 2 8 1 2 1 2 7 1 2 8 1 2 1 2 7 1 2 8 1 2 1 2 7 1 2 7 1 2 8 1 2 1 2 7 1 2 7 1 2 8 1 2 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 1 1 1	3
\$45900 Down Jones	20.480 118.419 7.148 18.419 7.148 18.419 7.148 17.148 17.148 17.148 17.149 17.148 17.149 18.18 18.	-0.5   -0.5   -0.5   -0.5   -0.5   -0.5   -0.6   -0	0.8	2	3 3 6 1 3 8 4 2 1 1 3 8 8 4 2 1 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5
SAPPOO DOWN JONES NOVEL	20.480 18.419 7.148 18.419 7.148 18.419 7.148 19.20 19.40 19	-0.5   -0	-0.8   -0	2	3   3   6   1   3   3   6   1   3   3   6   1   3   3   6   1   3   3   5   4   4   5   7   1   5   5   6   6   6   1   7   7   7   7   7   7   7   7   7
SAPPOO DOWN JONES NOVED	20.480 18.419 7.148 18.419 7.148 19.20 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.20 19.43 19.20 19.43 19.20 19.43 19.20 19.43 19.20 19.43 19.20 19.	0.5   0.8   0.8   0.8   0.9   0.5	0.8 3.30.3 1.8 3.30.3 1.1 1.1 1.1 1.5 1.5 1.5 1.5 1.5 1.5 1.5	2	3 3 4 2 1 3 3 8 4 2 2 1 1 5 2 9 9 1 6 7 7 9 9 2 2 6 1 1 1 1 1 1 1 2 1 2 1 2 1 2 1 2 1
SAPPBO DOWN JONES NASCE	20.480 18.419 7.148 18.419 7.148 19.20 19.20 19.20 19.413 19.20 19.413 4.990 19.413 4.990 19.413 4.990 19.413 4.990 19.413 4.990 19.413 4.990 19.413 4.990 19.413 4.990 19.413 4.990 19.413 19.20 19.2	-0.5   -0	0-88 3-10-11-11-11-11-11-11-11-11-11-11-11-11-	2 6 4 1 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 4 4 7 3 3 8 4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 1 1 2 1 2
SAPPBO DOWN JONES NAME NAME NAME NAME NAME NAME NAME NAME	20.480 18.419 7.148 18.419 7.148 19.205 19.433 19.4	0.5   0.5	0.8 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	-2	3
SAPPBO DOWN JONES NAME NAME NAME NAME NAME NAME NAME NAME	20.480 18.419 7.148 18.419 7.148 18.20 19.20 19.40 19.	-0.5   -0.8   -0.8   -0.8   -0.8   -0.8   -0.8   -0.8   -0.8   -0.9   -0.8   -0	-0.8   -0	2 6 4 1 1 1 1 3 5 5 5 7 7 5 4 4 9 1 1 1 1 1 2 1 2 1 3 1 3 5 5 5 3 3 6 6 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 6 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
\$\$ \$4990	20.480 118.419 7.148 18.419 7.148 18.419 7.148 18.219 119.219	0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.6	-0.8   -0	2	3 3 6 1 3 3 8 4 2 1 1 3 3 8 4 4 2 1 1 5 5 6 6 6 1 1 1 7 7 7 4 1 1 2 2 4 8 8 3 3 1 1 4 4 4 8 8 3 3 4 1 4 4 8 8 3 3 4 1 4 4 8 8 3 3 4 1 4 4 8 8 3 3 4 1 4 4 8 8 3 3 4 1 1 5 5 7 7 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPPBO DOWN JONES NASE NASE NASE NASE NASE NASE NASE N	20.480 18.419 7.148 18.419 7.148 19.20 19.40 19.	0.5 0.8 0.0 0.9 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0-88 3-18 3-18 3-18 3-18 3-18 3-18 3-18 3	2 6 4 1 1 1 3 5 5 1 1 2 Moorthly -0.4 1 3 3 6 6 1 1 2 7 7 5 4 9 9 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	3 3 4 4 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1





Debt markets	(10X 9/ ·	anges in b	vo)		
Developed Markets US (2-yr)	1.16	Daily -4.1	Week	Month -15	YTD -5
US GER (2-yr)	2.18 -0.86	-6.7 -0.2	-7.3 -11.4 -1.4 -4.8	-32 -9	-26 -9
Germany France	0.16 0.89	-3.1 -2.4	-7.0	-28 -22	-12 8
Spain Italy	1.67 2.26	-3.7 -5.6	2.6 -2.0	-21 -10	16 39
Portugal Greece	3.82 6.79	-6.7 11.9	-3.6 6.9	-75 -61	-36 -10
Japan (2-yr) Japan Emercing Markets	-0.22 0.01	-1.3 -2.7 Dally	0.4 -6.5 Weekly	-6 Monthly	-3 -6 YTD
Brazil Chile	10.05	-4.3 -0.1	2.5 -3.4	-18 -42	-136 -42
Colombia Mexico	6.57 7.12	-5.0 -3.1	-5.4 -10.1	-27 -13	-52 -51
Peru Poland	5.79	0.2	-5.1 -7.6	-16 -37	-68 -35
Russia Turkey	8.09 10.66	-4.1 3.7 8.0	-3.0 -3.0	-5 -4	-36 -34
India Indonesia	6.86 7.06	1.7	5.4 -2.7	0 -17	48 -78
Country ris Developed Markets	k (bp. chang level	es in bp) Daily	Weekly	Monthly	YTD
10-yr so vereign spread vs Germany France	74	0.7	-2.2	6	20
Italy Portugal	211 366	-2.5 -3.6	2.8 1.2	18 -19	51 4
Spain  2-yr sovereign spread vs Germany	151	-0.6	7.4	7	36
France Italy	54 82	0.7 -2.5	-0.5 0.1	22 4	44 21
Portugal Spain	127 65	0.9 -2.5	2.4 -0.5	-82 2	-20 17
Emerging Markets 5-yr sovereign CDS *	level	Daily	Weekly	Monthly	YTD
Brazil Chile	222 78	-1 2	4 5	8	-50 -4
Colombia Mexico	135 129	1	5	-3	-28 -27
Peru Venezuela	104 3,464	-25	4	7	-4 -441
Poland Russia	69	0	0	5 2	-7 -9
Turkey China	231 88	1 0	-3 5	8 7	-41 -29
India Indonesia	99 137	0	1 7	2	-28 -19
Ris Volatilty indicators (%)		Daily	Weakle	Monthly	YTD
Volatility indicators (%) VIX VSTOXX	15 26	4.8 9.4	2 12	36 129	4 9
VSTOXX EM EFT volatility Index Dollar/euro volatility	26 21 13	9.4 3.1 -2.9	12 7 3	129 50 91	9 4 26
EM FX volatility index	9	-1.0	-2	4	-17
Credit spread (BAA) (bps) US bonds volatility index Banking 5 y CDS (tos)	237 71	6.7 -4.7	10	8 17	-7
US	63	Daily 0.3	Weekly 1	Monthly 3	-9
EZ UK	116 81	0.2	1	13 10	-9
Large Spanish Medium Spanish	107 165	0.2 0.3	-4 -1	-1 9	-10 13
Corporate 5y CDS (bps) * US Non-financial	level 153	Daily 0.3	Weekly 1	Monthly 3	YTD -9
EZ Non-financial UK Non-financial	102 123	0.2	4 2	13 12	-2
Interbank ma	rkets (%, che level	nges in by 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	-0.12 1.16	0.00	0.0	0.0	0.0
Libor 12m EZ TED spread 3m	1.77 47.2	0.00	0.0 3.4	0.0 -11.3	0.1 -19.2
	k markets (	6)			
Main indices			Sales - Sales	Bill or out below	
Main indices S&P500	2.337	Daily -0.5	-0.7	-2	3
S&P500 Dow Jones Nikkei	20,480	-0.5 -0.8	-0.7 -0.8 -1.8	-2	3
S&P500 Dow Jones Nikkel FTSE 100	20,480 18,419 7,148	-0.5 -0.8 0.3 -2.5	-0.8 -1.8 -3.0		3 -6 -1
S&P500 Dow Jones Nikkei	20,480 18,419 7,148 3,410 10,265	-0.5 -0.8 0.3	-0.8 -1.8 -3.0 -1.7 -1.5	-2 -6 -4	3 -6
S&P500 Dow Jones Nikkei FTSE 100 EuroStoxx 50 IBEX	20,480 18,419 7,148 3,410	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6	-0.8 -1.8 -3.0 -1.7	-2 -6 -4 -1 0	3 -6 -1 3
SAPBOO DOW Jones Nêkei FTESE 100 EuroStoxx 50 IBEX DAX CAC CAC ASE AMBERS MB ASE Athens	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2	-2 -6 -4 -1 0 -1	3 -6 -1 3 8 4 2 -1 3
SAPBOO Down Jones Niked FTSE 100 EuroStoxx 50 BIBX DAX CAR ANA MASC Althers MSC Althers Hooked United Hooked Unite	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4	-2 -6 -4 -1 0 -1 -1 -3 5 0	3 -6 -1 3 8 4 2
SAPSDO Down Jones Nikket FTES 100 EuroStoux 50 BIBCX DAX CAC MIB MIS	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8	-2 -6 -4 -1 0 -1 -1 -3 5	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 2 -1 1 3
S&P500 Dow Jones Nikled FFEE TO EuroSitous S0 BIBX BIBX AST Alters MMG Latam* Bloveraga Blazilo Mortal Margae Mortal Mort	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 4,579 4,777 2,237 1,920 91,374	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 -0.2 -1.2 0.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 0.7 -2.9 0.5	-2 -6 -4 -1 0 -1 -1 -3 -5 0 0 0 -2 -3 -6 1	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20
SAPPBO Down Jones Naket FIEST 100  SAX  AX  CAC  MISC MISC MISC MISC MISC MISC MISC MISC	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 7,671 3,197	-0.5 -0.8 -0.8 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 -0.2 -1.2 0.8 -0.9	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3 -2.8	-2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3 -6 1 0 -1	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9
SAPPBO Down Jones Nöbel FFES TOM S  Nöbel FFES TOM S  BEX DAX CAC MR MORE LIMINE MR CLatine MR CLat	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2 0.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3	-2 -6 -4 -1 0 -1 -1 -3 -5 0 0 0 -2 -3 -6 1	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9 1 6
SAPPBO Down Jones Nobel Nobel TFE TOO SO DOWN JONES DAY	20,480 18,419 7,148 3,410 10,265 12,000 19,443 677 76,714 64,128 48,579 91,374 760 3,197 5,607 level 112,3 84,8	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.2 -1.2 0.8 -0.2 -0.9 -0.8 -0.2 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 -0.7 -2.9 -0.5 -0.3 -0.7 Weekly -2.8 -1.0	-2 -6 -4 -1 0 -1 -3 5 0 0 0 -2 -3 -6 1 0 -1 2 Monthly -9 -6	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9 1 6 YTD
SAPPOD Down Jones Niklei FFEE TOO FLANGTON SO AND DAX CAC MINE ASS Althers MING Listem HOUSE HEROPE Poland MINE CHILD MINE MINE MINE MINE MINE MINE MINE MINE	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 464,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 level 112,3 84,8 58,2 22,4	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2 0.8 0.0 -0.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 0.7 -2.9 -0.5 -0.3 -2.8 -0.7 -0.8 -0.8 -0.7 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9	-2 -6 -4 -1 0 -1 -3 5 0 0 0 -2 -3 -6 1 0 -1 2 Monthly -9	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9 1 6
SAPPBO Dow Jones Niklei FFEE TOO EuroSious 50 BIOX MIB ASE Alteria MIB ASE	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 4,777 2,237 1,920 91,374 760 3,197 5,607 12,23 112,3 84,8 58,2 22,4 40,8 215,4	-0.5 -0.8 -0.8 -0.9 -1.0 -0.9 -1.7 -0.9 -1.7 -0.9 -1.2 -0.3 -0.9 -0.2 -1.2 -0.8 -0.2 -1.2 -0.8 -0.2 -1.2 -1.3 -0.6 -0.9 -1.1 -0.6 -0.9 -1.1 -0.6 -0.9 -1.1 -0.6 -0.9 -1.1 -0.3 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -1.1 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -2.1 -1.1 -0.7 -2.9 -0.3 -2.8 -0.7 -2.8 -1.7 -1.5 -2.2 -1.5 -2.2 -1.5 -2.2 -1.5	-2 -6 -4 -1 -1 -3 -5 -0 -2 -3 -6 -1 -2 -Monthly -9 -6 -4 -1 -9	3 3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -9 1 6 -7 -1 9 1 6 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7
SAPPBO Down Jones Notes	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 760 3,197 5,607 level 112,3 84,8 84,8 94,9 10,000 19,443 60,443 60	0.5 -0.8 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 -1.2 -0.3 -0.9 -0.2 -1.2 -0.2 -1.2 -0.3 -0.2 -1.2 -0.3 -0.2 -1.2 -0.3 -0.3 -0.4 -0.5 -	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3 -2.8 -0.7 -2.9 -0.3 -2.8 -1.5 -2.2 -1.5 -2.2 -1.5 -2.3 -3.3 -3.3 -3.3 -3.3 -3.3 -3.3 -3.3	-2 -6 -4 -1 0 1 -1 -1 -3 -5 0 0 0 -2 -3 -6 1 0 -1 2 Monthly 9 -6 -4 -10 -9 -12 -6 -5 -5	3 3 6 -1 1 3 8 4 2 -1 3 5 4 4 -5 2 -1 5 20 9 1 6 -2 -5 -2 -6 -1 -7 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9
SAPPOO DOWN JONES NOVES NO	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 4,777 2,237 1,920 91,374 760 3,197 5,607 12,23 112,3 84,8 58,2 22,4 40,8 215,4	0.5 -0.8 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -1.4 -1.5 -1.4 -1.5 -1.4 -1.5 -	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3 -2.8 -0.7 Weekly -2.8 -1.0 -1.5 -2.2 -1.8 -5.4 -3.9	-2 -6 -4 -1 0 0 -2 -3 -6 1 0 0 -1 2 2 Monthly 9 -6 -4 -10 -9 -12 -6	3 3 6 -1 3 8 4 2 -1 3 5 4 4 4 5 12 -1 5 20 9 1 6 7 7 6 7 7
SAPPOO DOWN JONES NINES	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 10,20 112,3 84,8 58,2 22,4 40,8 21,7 91,37 11,7 11,7 11,7 11,7 11,7 11,7 11,7	0.5 -0.8 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 -0.3 -0.9 -0.2 -1.2 -0.8 -0.2 -1.2 -0.8 -0.2 -1.2 -0.8 -0.2 -1.4 -1.4 -1.4 -1.5 -	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -1.2 -1.3 -0.4 -0.8 -0.4 -2.1 -1.1 -0.7 -2.9 -0.3 -2.8 -0.7 -2.9 -1.5 -0.3 -2.8 -0.7 -1.1 -1.1 -1.1 -1.1 -1.1 -1.1 -1.1 -1	-2 -6 -4 -1 -1 -1 -1 -3 -5 -5 -7 -5 -4 -4	3 3 6 -1 3 8 4 2 -1 3 5 5 4 4 4 -5 5 20 9 1 6 6 YTD 6 -2 -5 -2 -6 6 -1 1 7 -9 -2 -2 -6 -6 -6
SAPPOO DOWN JONES NINDER THESE TOO S  REX DOWN JONES REX DOX CAC DOX CAC DOX REX DOX REX REX REX REX REX REX REX REX REX RE	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 12,24 40,8 22,4 40,8 22,4 40,8 21,7 91,37 11,7 11,7 11,7 11,7 11,7 11,7 11,7	0.5 0.8 0.3 0.2 0.5 0.9 0.9 0.9 0.9 0.2 0.2 0.2 0.2 0.2 0.2 0.4 0.2 0.5 0.9 0.4 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	-0.8	2 6 4 4 -1 1 1 3 5 0 0 0 0 2 2 3 6 6 1 1 0 0 1 1 2 Monthly 9 6 4 4 1 1 0 9 5 5 5 7 7 5 5 4 4 9 9 -1 2 1 2	3 3 6 1 1 3 8 4 2 1 3 5 1 4 4 5 5 12 15 20 9 1 1 6 6 2 5 5 2 6 6 11 7 7 9 5 5 9 2 2 6 6 11 8
SAPPOO DOWN JONES NOVES NO	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 1,920 91,374 760 3,197 1,920 91,374 760 112,3 84,8 58,2 22,4 40,8 215,4 98,2 57,3 11,7 14,9 13,7 14,9 13,7 14,9 13,7 14,9 13,7 14,9 13,7 14,9 13,7 14,9 13,7 14,9 13,7 14,9 13,7 14,9 14,9 14,9 14,9 14,9 14,9 14,9 14,9	0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.4 0.9 1.4 0.9 1.4 0.9 1.4 0.9 1.4 0.9 1.4 0.9 1.4 1.5 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	-0.8 1.8 3.0 1.7 1.5 1.1 1.2 2.9 1.5 1.1 1.0 7.7 1.1 1.1 1.2 1.2 1.1 1.1 1.2 1.2 1.1 1.1	-2	3 3 6 1 3 3 8 4 2 1 1 3 5 4 4 4 5 5 12 20 9 1 6 6 2 6 6 11 7 7 9 5 9 2 2 6 6 11 1 7 9 5 9 2 2 6 6 11 1 7 9 5 9 2 2 6 6 11 1 7 9 9 5 9 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPPOO DOWN JONES NINES	2.0.480 7.148 8.419 7.148 8.419 7.148 8.419 7.148 6.412 7.6714 6.4.128	0.5 0.8 0.3 0.2 0.5 0.9 0.9 0.9 0.9 0.2 0.2 0.2 0.2 0.2 0.2 0.4 0.2 0.5 0.9 0.4 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.8 3.0 1.7 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.5	-2	3 3 6 1 3 3 8 4 2 2 1 3 5 5 4 4 4 5 5 12 20 9 1 6 6 2 2 5 5 2 6 6 111 7 7 9 9 2 6 6 111 8 7 7
SAPPOO DOWN JONES NINES	20.480 7.148 3.410 10.265 4.990 4.990 4.990 6.76,714 6.714 6.714 6.712 6.712 6.712 6.713 6.713 6.714 6.712 6.713 6.713 6.714 6.713 6.714 6.713 6.714 6.713 6.714 6	0.5 0.8 0.8 0.3 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	- 0.8	-2	3 3 6 1 3 8 4 2 1 3 5 5 4 4 5 5 12 15 5 20 9 1 6 6 2 2 6 6 111 7 9 9 2 6 6 111 8 7 7 7 4
SAPPOO DOWN JONES NOVES NO	20.480 7.146 8.419 7.146 8.419 7.148 8.419 7.148 8.419	0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.7 0.9 1.6 0.8 0.2 0.8 0.2 0.8 0.2 1.2 1.4 1.2 1.4 1.7 1.8 1.5 1.5 1.1 1.1 1.1 1.1 1.2 1.1 1.1 1.2 1.2	0.8 3.0 1.8 3.0 1.7 1.5 1.1 1.5 1.5	2 6 4 1 1 3 5 0 0 0 0 2 3 6 1 1 0 1 1 2 2 Monthly 9 6 4 1 10 9 1 2 6 5 5 7 7 5 4 9 1 2 8 5 8 1 10 10 10 10 10 10 10 10 10 10 10 10 1	3 3 6 1 3 8 4 2 1 3 5 4 4 5 5 20 9 1 6 6 7 1 1 7 9 9 2 6 6 1 1 1 8 7 7 7 4 1 1 2 4 1 4
SAPPOO DOWN JONES NINES	20.480 7.148 7.148 7.148 7.148 7.148 7.149	0.5 0.8 0.3 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.8 3.0 1.7 1.5 1.7 1.5 1.7 2.2 2.3 3.4 2.1 1.5 1.7 1.5 1.7 2.2 2.3 3.5 1.5 1.7 1.5 1.7 1.7 1.5 1.7 1.7 1.5 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	2 6 4 1 0 1 1 1 3 3 5 0 0 0 2 2 3 6 1 1 0 4 1 1 2 Monthly 9 6 4 1 10 9 1 1 2 5 5 5 7 5 4 4 1 2 8 8 5 8 1 10 4 3 3	3 3 4 4 1 3 3 8 4 4 2 1 1 3 5 5 4 4 5 5 2 2 0 9 1 6 6 2 5 5 2 6 6 1 1 1 7 7 9 9 2 2 6 6 1 1 1 8 7 7 7 4 4 6 6 7
SAPPOO DOWN JONES NINES	20.480 7.148 3.410 10.265 4.990 11.944 7.67,14 4.990 11.947 7.67,14 4.957 7.70,14 4.95	0.5	0.8 3.0 1.1 1.1 1.1 1.2 1.2 1.3 3.3 0.4 4.0 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	2 6 4 1 1 0 1 1 1 3 5 5 0 0 0 0 2 3 6 6 1 1 0 1 1 2 2 6 6 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 4 4 2 -1 3 3 5 4 4 4 5 5 12 20 9 1 6 6 2 2 6 6 -1 11 8 8 7 7 7 4 12 4 6 6 7 5 5 4 13 34 16 16
SAPPBO Down Jones Nobel FIFE TOO SO Nobel SAPPE SO	20.480 18.419 7.148 3.410 10.260 40.490 40.4	0.5	0.8 3.0 1.8 3.0 1.7 1.5 1.7 1.5 1.1 1.2 2.8 1.2 2.3 1.2 2.3 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 3.3	2 6 4 1 0 1 1 3 5 0 0 0 0 2 3 6 6 1 1 2 2 1 2 6 4 4 1 1 0 1 1 1 2 2 1 1 2 1 2 1 2 1 2 1 2 1	3 3 4 4 4 2 1 3 3 5 12 15 20 9 1 6 6 2 5 5 2 6 6 11 7 7 7 4 12 4 6 6 7 7 5 4 13 34 34 34 34
SAPPBO Down Jones Naker	20.480 18.419 7.148 3.410 10.260 40.490 40.4	0.5 0.8 0.8 0.3 0.3 0.6 0.9 0.6 0.6 0.9 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.4 0.2 0.8 0.2 0.4 0.2 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0.8 3.0 1.8 3.0 1.7 1.5 1.7 1.5 1.1 1.2 2.8 2.8 2.7 1.5 2.2 3.5 2.6 4.6 3.3 3.2 2.3 3.2 2.3 3.2 2.1 2.4 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4	2 6 4 1 1 0 1 1 1 1 3 5 0 0 0 0 2 3 6 6 1 1 1 2 2 Monthly 9 6 6 5 5 7 7 5 4 9 1 1 2 8 5 8 5 8 5 8 5 8 6 5 5 6 1 1 0 4 3 3 4 5 5 5 5 5 5 5 6 1 1 0 5 6 5 5 5 6 8 6 5 6 6 6 6 6 6 6 6 6 6 6	3 3 4 4 5 5 12 15 5 2 6 6 1 11 7 7 7 4 12 4 6 6 7 7 5 4 13 3 4 4 6 7 5 4 4 16 6 7 5 4 4 16 6 7 5 4 4 16 6 7 5 4 4 16 6 7 5 4 6 6 7 5 6 6 6 7 5 6 7 5 6 7 6 7 6 7 7 7 7
SAPPBO Down Jones Notes	2.0.480 10.265 1	0-5   0-6	0.8 3.0 1.1 1.1 1.2 2.1 1.1 1.1 1.2 1.1 1.1 1.1	2 6 4 1 1 0 1 1 1 1 3 3 5 0 0 0 2 3 6 6 1 1 0 1 1 1 2 2 Morelley 9 6 6 4 4 1 1 2 2 5 5 5 4 9 9 1 1 0 1 1 2 1 2 5 5 5 5 4 9 9 1 1 0 1 1 1 2 1 2 1 2 5 5 6 1 1 1 0 1 1 1 2 1 2 1 2 1 2 1 3 1 3 6 6 Morelley 9 1 1 1 1 5 5 3 3 6 6 Morelley 9 1 1 1 1 1 5 5 3 3 6 6 Morelley 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 4 4 5 2 11 12 15 5 9 9 1 6 6 2 6 6 11 1 7 7 9 1 2 6 6 7 7 7 4 11 12 1 4 16 6 7 7 5 4 13 16 6 7 7 7 4 12 1 16 6 7 7 7 7 4 13 16 6 7 7 7 7 7 8 16 16 6 7 7 7 7 8 16 16 6 7 7 7 7 7 8 16 16 6 7 7 7 7 8 16 16 16 16 16 16 16 16 16 16 16 16 16
SAPPOD Down Jones Nobel Nobel PETES TOO S Nobel	20.480 118.419 7.148 18.419 7.148 18.419 7.148 112.00 119.413 14.990 119.413 14.990 119.413 14.990 119.413 14.990 119.413 14.990 119.413 14.990 119.413 14.990 119.413 14.990 14.777 760 14.970 16.070	0-5   0-5   0-5   0-5   0-5   0-5   0-5   0-5   0-5   0-5   0-6   0-7	0.88 3.00 1.18 3.00 1.17 1.15 1.17 1.15 1.11 1.22 1.11 1.17 1.23 1.33 1.34 1.07 1.17 1.17 1.17 1.18 1.18 1.19 1.18 1.19 1.19 1.19 1.19	-2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 4 4 5 12 15 16 6 6 7 7 9 9 5 2 6 6 111 7 7 4 12 4 6 6 7 5 1 3 3 4 1 6 4 2 2 4 4 8
SAPPOO DOWN JONES NINES	20.480 18.419 7.148 18.419 7.148 18.419 7.148 19.20 19.40 19	-0.5   -0	0.88 3.00 1.18 3.00 1.17 1.15 1.17 1.15 1.17 1.15 1.17 1.15 1.17 1.17	-2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 4 4 1 3 3 4 4 4 5 12 15 12 10 10 10 10 10 10 10 10 10 10 10 10 10
SAPPSOO DOWN JONES NOVEL	20.480 18.419 7.148 18.419 7.148 19.10 11.00 11.	-0.5   -0	0.8 3.0 1.1.1 1.1.	-2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 4 4 2 1 3 5 4 4 4 5 5 2 2 6 6 11 1 7 7 9 9 5 9 2 2 2 2 6 6 11 1 1 7 7 7 4 1 1 2 6 6 7 7 7 4 1 1 3 3 4 4 4 6 5 2 4 6 6 7 7 7 7 4 1 1 1 1 6 6 7 7 7 7 4 1 1 1 1 6 6 7 7 7 7 7 7 7 8 7 8 7 8 7 8 7 8 7 8
SAPPOO DOWN JONES NOVEL	20.480 18.419 7.148 18.419 7.148 19.20 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.20 19.43 19.43 19.20 19.43 19.20 19.43 19.20 19.43 19.20 19.	-0.5   -0	0.8 3.0 1.1.0 1.1.1 1.1.	-2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 3 6 6 7 7 8 9 9 1 1 1 1 1 1 2 5 9 9 2 6 6 7 7 9 1 1 2 1 2 6 7 7 5 4 1 3 3 4 4 2 1 1 3 3 5 7 7 4 2 4 4 4 4 2 2 4 4 8 3 3 4 4 2 2 4 4 8 8 3 4 4 2 2 4 4 8 8 3 4 4 2 2 4 4 8 8 3 4 4 2 2 4 4 8 8 3 4 4 2 2 4 4 8 8 3 4 4 4 2 2 4 4 8 8 3 4 4 4 2 2 4 4 8 8 3 4 4 4 2 2 4 4 8 8 3 4 4 4 4 2 2 4 4 8 8 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
SAPPOO DOWN JONES NOVED	20.480 10.005 118.419 7.148 10.005 119.433 110.105 119.433 119	-0.5   -0.6   -0	0.8 d. 3.0 d. 4.1.7 d. 5.1.7 d	-2 -6 -4 -1 -1 -3 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	3 3 4 4 2 1 3 5 5 4 4 4 5 5 20 9 9 1 1 6 2 6 6 7 7 9 9 2 6 6 1 1 7 7 7 7 7 7 7 7 1 1 2 1 4 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
\$45900 Down Jones   Nikelet	20.480 11.419 17.148 18.419 17.148 17.148 17.148 17.148 17.148 17.148 17.148 17.148 18.149 18.1499 18.	0.5 0.8 0.3 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	-0.8   -0	2 6 4 1 1 1 3 5 5 0 0 0 2 3 6 1 0 0 1 1 2 7 1 2 7 1 2 5 5 7 7 5 5 8 8 1 1 0 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 1 2 1 2 7 1 2 8 1 2 1 2 7 1 2 8 1 2 1 2 7 1 2 8 1 2 1 2 7 1 2 8 1 2 1 2 7 1 2 8 1 2 1 2 7 1 2 7 1 2 8 1 2 1 2 7 1 2 7 1 2 8 1 2 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 1 1 1	3
\$45900 Down Jones	20.480 118.419 7.148 18.419 7.148 18.419 7.148 17.148 17.148 17.148 17.149 17.148 17.149 18.18 18.	-0.5   -0.5   -0.5   -0.5   -0.5   -0.5   -0.6   -0	0.8	2	3 3 6 1 3 8 4 2 1 1 3 8 8 4 2 1 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5
SAPPOO DOWN JONES NOVEL	20.480 18.419 7.148 18.419 7.148 18.419 7.148 19.20 19.40 19	0.5   0.6	-0.8   -0	2	3   3   6   1   3   3   6   1   3   3   6   1   3   3   6   1   3   3   5   4   4   5   7   1   5   5   6   6   6   1   7   7   7   7   7   7   7   7   7
SAPPOO DOWN JONES NOVED	20.480 18.419 7.148 18.419 7.148 19.20 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.20 19.43 19.43 19.20 19.43 19.20 19.43 19.20 19.43 19.20 19.43 19.20 19.43 19.20 19.	0.5   0.8   0.8   0.8   0.9   0.5	0.8 3.30.3 1.8 3.30.3 1.1 1.1 1.1 1.5 1.5 1.5 1.5 1.5 1.5 1.5	2	3 3 4 2 1 3 3 8 4 2 2 1 1 5 2 9 9 1 6 7 7 9 9 2 2 6 1 1 1 1 1 1 1 2 1 2 1 2 1 2 1 2 1
SAPPBO DOWN JONES NASCE	20.480 18.419 7.148 18.419 7.148 19.20 19.20 19.20 19.413 19.20 19.413 4.990 19.413 4.990 19.413 4.990 19.413 4.990 19.413 4.990 19.413 4.990 19.413 4.990 19.413 4.990 19.413 4.990 19.413 19.20 19.2	-0.5   -0	0-88 3-10-11-11-11-11-11-11-11-11-11-11-11-11-	2 6 4 1 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 4 4 7 3 3 8 4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 1 1 2 1 2
SAPPBO DOWN JONES NAME NAME NAME NAME NAME NAME NAME NAME	20.480 18.419 7.148 18.419 7.148 19.205 19.433 19.4	0.5   0.5	0.8 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	-2	3
SAPPBO DOWN JONES NAME NAME NAME NAME NAME NAME NAME NAME	20.480 18.419 7.148 18.419 7.148 18.20 19.20 19.40 19.	-0.5   -0.8   -0.8   -0.8   -0.8   -0.8   -0.8   -0.8   -0.8   -0.9   -0.8   -0	-0.8   -0	2 6 4 1 1 1 1 3 5 5 5 7 7 5 4 4 9 1 1 1 1 1 2 1 2 1 3 1 3 5 5 5 3 3 6 6 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 6 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
\$\$ \$4990	20.480 118.419 7.148 18.419 7.148 18.419 7.148 18.219 119.219	0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.6	-0.8   -0	2	3 3 6 1 3 3 8 4 2 1 1 3 3 8 4 4 2 1 1 5 5 6 6 6 1 1 1 7 7 7 4 1 1 2 2 4 8 8 3 3 1 1 4 4 4 8 8 3 3 4 1 4 4 8 8 3 3 4 1 4 4 8 8 3 3 4 1 4 4 8 8 3 3 4 1 4 4 8 8 3 3 4 1 1 5 5 7 7 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPPBO DOWN JONES NASE NASE NASE NASE NASE NASE NASE N	20.480 18.419 7.148 18.419 7.148 19.20 19.40 19.	0.5 0.8 0.0 0.9 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0-88 3-18 3-18 3-18 3-18 3-18 3-18 3-18 3	2 6 4 1 1 1 3 5 5 1 1 2 Moorthly -0.4 1 3 3 6 6 1 1 2 7 7 5 4 9 9 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	3 3 4 4 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1





Debt markets	( 10Y <u>. %, d</u>	anges in t	ip)		
Developed Markets US (2-yr)	1.16	Daily -4.1	-7.3 -11.4	Month -15	YTD -5
US GER (2-yr)	2.18 -0.86	-6.7 -0.2	-11.4	-32 -9	-26 -9
Germany France	0.16	-3.1 -2.4	-1.4 -4.8 -7.0	-28 -22	-12 8
Spain	1.67	-3.7 -5.6	2.6	-21 -10	16 39
Portugal	3.82	-6.7	-3.6	-75	-36
Greece Japan (2-yr)	6.79 -0.22	11.9 -1.3	6.9 0.4	-61 -4	-10 -3
Japan Emersing Markets	0.01	-1.3 -2.7 Daily	-6.5 Weekly	-6 Monthly	-6 YTD
Brazil	10.05	-4.3	2.5	-18	-136
Chile Colombia	3.91 6.57	-0.1 -5.0	-3.4 -5.4	-42 -27	-42 -52
Mexico Peru	7.12 5.79	-3.1 0.2	-10.1 -5.1	-13 -16	-51 -68
Poland Russia	3.37 8.09	-4.1 3.7	-7.6 -3.0	-37 -5	-35 -36
Turkey	10.66	8.0	-3.0	-4	-34
India Indonesia	6.86 7.06	1.7	5.4 -2.7	-17	48 -78
Country ri	sk (bp, chang	es in bp)			
Developed Markets  10-yr sovereign spread vs Germany	level	Daily	Weekly	Monthly	YTD
France Italy	74 211	0.7 -2.5	-2.2 2.8	6 18	20 51
Portugal	366	-3.6	1.2	-19	4
Spain  2-yr sovereign spread vs Germany	151	-0.6	7.4	7	36
France	54	0.7	-0.5	22	44
Italy Portugal	82 127	-2.5 0.9	0.1 2.4	-82	21 -20
Spain Emerging Markets	65	-2.5	-0.5	2	17 YTD
5-yr sovereign CDS *	level	Daily	weekiy	Monthly	TID
Brazil Chile	222 78	-1 2	4 5	8	-50 -4
Colombia	135	1	5	3	-28
Mexico Peru	129 104	1 2	3 4	-3 7	-27 -4
Venezuela	3,464	-25	-113	37	-441
Poland Russia	69 167	0	-5	5 2	-7 -9
Turkey	231	1	-3	8	-41
China India	88 99	0	5	7	-29 -28
Indonesia	137 sk indicators	0	7	14	-19
Volatilty indicators (%)	level	Daily	Weekly	Monthly	YTD
VIX VST OXX	15 26	4.8 9.4	2 12	36 129	4 9
EM EFT volatility Index	21	3.1	7	50	4
Dollar/euro volatility EM FX volatility index	13 9	-2.9 -1.0	3 -2	91 4	26 -17
Credit spread (BAA) (bps)	237	6.7	10	8	10
US bonds volatility index Banking 5 y CDS (bps) *	71 level	-4.7 Daily	1 Weekly	17 Monthly	-7 YTD
US	63	0.3	- 1	3	-9
EZ UK	116 81	0.2	4	13 10	-9
Large Spanish	107	0.2	4	-1 9	-10 13
Medium Spanish Corporate 5y CDS (typs) *	165 level	Daily	Weekly	Monthly	YTD
US Non-financial EZ Non-financial	153 102	0.3	1 4	3 13	-9 8
UK Non-financial	123	0.0	2	12	-2
Interbank ma	irkets (%, ch	nges in b Daily	Weekly	Monthly	YTD
EONIA Index	-0.36	0.00	0.0	0.0	0.0
Euribor 3m Euribor 12m	-0.33 -0.12	0.00	0.0	0.0	0.0
Libor 3m Libor 12m	1.16	0.00	0.0	0.0	0.2
EZ TED spread 3m	1.77 47.2	0.00	3.4	0.0 -11.3	-19.2
Stor	ck markets (				
Main indices	level	Daily	Weekly	Monthly	YTD
S&P500	2,337 20,480	-0.5		-2 -2	3
S&P500 Dow Jones Nikkei	20,480 18,419	-0.5 -0.8 0.3	-0.8 -1.8	-2 -6	3 -6
S&P500 Dow Jones Nikkei FTSE 100 EuroStoxx 50	20,480 18,419 7,148 3,410	-0.5 -0.8 0.3 -2.5 -1.1	-0.8 -1.8 -3.0 -1.7	-2 -6 -4 -1	3 -6 -1 3
S&P500 Dow Jones Nikkei FTSE 100 EuroStoxx 50 IBEX	20,480 18,419 7,148 3,410 10,265	-0.5 -0.8 0.3 -2.5 -1.1 -0.6	-0.8 -1.8 -3.0 -1.7 -1.5	-2 -6 -4 -1 0	3 -6 -1 3 8
S&P500 Dow Jones Nikided FTSE 100 EuroStoxx 50 IBEX DAX CAC	20,480 18,419 7,148 3,410 10,265 12,000 4,990	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2	-2 -6 -4 -1 0 -1	3 -6 -1 3 8 4 2
SAP500 Dow Jones Nikkel FTSE 100 EuroStoxx 50 IBEX DAX CAC	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3	-2 -6 -4 -1 0 -1 -1 -3	3 -6 -1 3 8 4 2
S&P\$00 Down Jones Nödel FTSE 100 Emostorus 50 IBEX DAX CAC MBB MB MB MSC Latam*	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8	-2 -6 -4 -1 0 -1 -1 -3 5	3 -6 -1 3 8 4 2 -1 3 5
SAPPBOO Down Jones Nikket FFEST 100 EuroStoux 50 BIBCX DAX CAC MIST ALLERS MIST ALLERS MIST ALLERS BOOKERS BOO	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1	-2 -6 -4 -1 0 -1 -1 -3 5 0 0	3 -6 -1 3 8 4 2 -1 3 5
SAPPDO DOW/LDNE NOKe FFEE TOD EAUSTROOK, SO BECK DAX CAC MIB MSC LAttam * Iblowyea (Bilacit) ModOd	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1	-2 -6 -4 -1 0 -1 -3 5 0 0 0 -2	3 -6 -1 3 8 4 2 -1 3 5 4 4 -2 -1 -3 -5
SAPPSO Dow Jones Nikled TFSE TIOD EardStook S0 BEX AND BEX	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920	-0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 -0.7 -2.9	-2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3 -6	3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15
SAPPBO Down Jones Nikled FFSE TIOD ELBOSON, SO BEEX CACA CACA CACA CACA CACA CACA CACA C	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374	-0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 0.7 -2.9 0.5	-2 -6 -4 -1 0 -1 -1 -3 -5 0 0 0 -2 -3 -6 1	3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12
SAEPBO DOWN JONES NAME THE STORE SO  BET STORE SO  BET	20,480 18,419 7,148 3,410 10,265 12,000 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197	-0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2 0.8 0.0 -0.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3 -2.8	-2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3 -6 1 0 -1	3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9
SAPPBO Down Jones Nikled FFSE TIOD ELBOSON, SO BEEX CACA CACA CACA CACA CACA CACA CACA C	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 1,920 91,374 760	-0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2 0.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3	-2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3 -6 1	3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9 1 6
SAPPBO Down Jones Nikled FFEE TIO ELEVISION SO ELEVISION	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 76,007 1,920 1,94	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 -1.4 -0.3 -0.9 -0.8 -0.2 -1.2 -0.8 -0.0 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 0.7 -2.9 -0.5 -0.3 -2.8 -0.7 -0.8 -0.8 -0.7 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9	-2 -6 -4 -1 0 -1 -3 5 0 0 0 -2 -3 -6 1 0 -1 2 Monthly -9	3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9
SAPPBO DOWN JONES NAVIOR NAVIOR NAVIOR BEX DAX CAC MAN MASC Alters MASC IRRAN	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 level 112,3 84,8 58,2	-0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2 0.8 0.2 -1.2 0.8 -0.2 Doily -2.4 -1.2 -1.4	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3 -2.8 -0.7 -0.7 -0.8 -0.7 -0.8 -0.7	-2 -6 -4 -1 0 0 -1 -3 5 0 0 0 -2 -3 -6 1 0 0 -1 2 Monthly -9 -6 -4	3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9 1 6 YTD -6 -2 -5
SAPPBO DOW JONES NINES NINES NINES TEST TOO  CAROSTONIO SO  BOOK  ACC ACC ACC ACC ACC ACC ACC ACC ACC A	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 level 112,3 84,8 58,2 22,4	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2 0.8 0.0 -0.8 -0.9 -1.6 -1.7 -1.4 -1.4 -1.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -2.1 -1.1 -0.7 -2.9 -0.5 -0.3 -2.8 -0.7	-2 -6 -4 -1 0 0 -1 -1 -3 5 0 0 0 -2 -3 -6 1 0 -1 2 2 Monthly -9 -6 -4 -10	3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 20 9 1 6 YTD -6 -2 -5
SAPPBO Dow Jones Nikled TFJET 100 EaroShoux 50 BECX CAC CAC MASC Latam * BOYLER BECK BOYLER BECK MASC Latam * BOYLER BECK BOYLER BECK MASC LATAM * M	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 48,579 48,579 2,237 1,920 91,374 760 3,197 5,607 level 112,3 84,8 58,2 22,4 40,8 215,4	0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -0.9 -1.7 -0.9 -1.4 -0.3 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -1.2 -1.2 -1.4 -1.4 -1.4 -1.4 -1.4 -1.5 -1.4 -1.5 -1.4 -1.5 -1.5 -1.1 -1.5 -1.5 -1.5 -1.5 -1.5	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -2.1 -1.1 -0.7 -2.9 -0.3 -2.8 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7	-2 -6 -4 -1 0 0 -1 -3 5 0 0 0 -2 -3 -6 1 0 0 -1 2 Monthly -9 -6 -4	3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9 1 6 YTD -6 -2 -5
SAPPBO DOWN JONES NINES	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 760 3,197 5,607 level 112,3 84,8 58,2 22,4 40,8 215,4 98,2 57,3	0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.6 1.7 0.9 0.2 1.2 0.8 0.0 0.2 1.2 0.3 0.2 1.2 1.4 1.4 1.4 1.4 1.5 1.4 1.5 1.5 1.6 1.7 1.7 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3 -2.8 -0.7 Weekly -2.8 -1.0 -1.5 -2.2 -1.8 -5.4 -3.9	-2 -6 -4 -1 0 0 -2 -3 -6 1 0 0 -1 2 2 Monthly 9 -6 -4 -10 -9 -12 -6	3 -6 -1 3 8 4 4 2 -1 3 5 5 4 4 4 4 5 5 12 -15 20 9 1 6 6 -2 2 -6 11 -7 -7
SAPPBO Down Jones Nikele TFEE TOO DOWN JONES NIKELE TENE TOO DAX CAC ACAC ACAC ACAC ACAC ACAC ACAC A	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 7,60 3,197 5,607 level 112,3 84,8 58,2 22,4 40,8 215,4 40,8 215,4 98,2 57,3	0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.6 1.7 0.9 1.4 1.0 0.8 0.2 1.2 0.8 0.0 0.8 0.2 1.2 0.8 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	-0.8 -1.8 -1.8 -1.7 -1.5 -1.1 -1.2 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3	-2 -6 -4 -1 0 0 -1 -1 -3 3 5 0 0 0 -2 3 -6 1 0 0 -1 2 Monthly 9 -6 -4 -1 10 -9 -5 -5 -5 -5	3 -6 -1 -1 3 8 4 2 -1 1 3 5 5 4 4 4 5 5 12 20 9 1 1 6 6 2 -5 -2 6 6 -1 1 -7 9 -5 5 5
SAPPSO DOWN JONES NAME TESTE TOO TEATSCHOOL SO TESTE TOO TEATSCHOOL SO TESTE TOO TEATSCHOOL SO TESTE TOO T	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 5,607 1,920 1,374 760 3,197 5,607 112,3 84,8 58,2 24,4 40,8 215,4 40,8 215,3 11,7 14,9 13,7	0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.6 1.7 0.9 0.8 0.2 0.8 0.2 0.8 0.2 1.2 0.8 0.2 1.4 1.4 1.4 1.4 1.4 1.4 1.5 1.6 1.7 1.7 1.6 1.7 1.7 1.8 1.1 1.8 1.8 1.8 1.8 1.8 1.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -1.2 -2 -3.3 -0.4 -2.1 -1.7 -0.5 -0.3 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.3 -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 -0.7 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8	2 6 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 -6 -1 -1 -3 -3 -5 -4 -4 -5 -2 -1 -5 -2 -6 -1 -1 -7 -9 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
SAPERDO DOWN JONES NAME NAME NAME NAME NAME NAME NAME NAME	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 10,20 112,20 22,4 40,8 215,4 98,2 57,3 117,9 118,2 118,	0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.6 1.7 0.9 0.8 0.2 0.8 0.0 0.8 0.2 1.2 0.8 0.2 1.4 1.4 1.4 1.4 1.4 1.4 1.5 1.4 1.6 1.7 1.6 1.7 1.6 1.7 1.6 1.7 1.6 1.7 1.6 1.6 1.7 1.6 1.6 1.7 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -1.2 -1.3 -0.4 -0.8 -0.4 -2.1 -1.1 -0.7 -2.9 -0.3 -2.8 -0.7 -2.9 -1.5 -0.3 -2.8 -0.7 -1.1 -1.1 -1.1 -1.1 -1.1 -1.1 -1.1 -1	-2 -6 -4 -1 -1 -1 -1 -3 -5 -5 -7 -5 -4 -4	3 -6 -1 -1 -3 -8 -4 -2 -1 -1 -5 -2 -6 -1 -1 -7 -9 -2 -6 -6 -1 -1 -7 -9 -2 -6 -6 -1 -1 -7 -9 -2 -6 -6 -1 -1 -7 -9 -2 -6 -6 -1 -1 -7 -9 -2 -6 -6 -1 -1 -7 -9 -2 -6 -6 -1 -1 -7 -9 -2 -6 -6 -1 -1 -7 -9 -2 -6 -6 -1 -1 -7 -9 -2 -6 -1 -1 -7 -9 -9 -2 -6 -1 -1 -7 -9 -9 -2 -6 -1 -1 -1 -7 -9 -9 -2 -6 -1 -1 -1 -7 -9 -9 -2 -6 -1 -1 -1 -7 -9 -9 -2 -6 -1 -1 -1 -7 -9 -9 -2 -6 -1 -1 -1 -7 -9 -9 -2 -6 -1 -1 -1 -7 -9 -9 -2 -6 -1 -1 -1 -7 -9 -9 -2 -6 -1 -1 -1 -7 -9 -9 -2 -6 -1 -1 -1 -7 -9 -9 -2 -6 -1 -1 -1 -7 -9 -9 -2 -6 -1 -1 -1 -7 -9 -9 -2 -6 -1 -1 -1 -7 -9 -9 -2 -6 -1 -1 -1 -7 -9 -9 -2 -2 -6 -1 -1 -1 -7 -9 -9 -2 -2 -6 -1 -1 -1 -7 -9 -9 -2 -2 -6 -1 -1 -1 -7 -9 -9 -2 -2 -6 -1 -1 -1 -7 -9 -9 -2 -2 -6 -1 -1 -1 -7 -9 -9 -2 -2 -6 -1 -1 -1 -7 -9 -9 -2 -2 -6 -1 -1 -1 -7 -9 -9 -2 -2 -1 -1 -1 -7 -9 -9 -2 -2 -1 -1 -1 -7 -9 -9 -2 -2 -1 -1 -1 -7 -9 -9 -2 -2 -1 -1 -1 -7 -9 -9 -2 -2 -1 -1 -1 -7 -9 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1
SAPPRO DOWN JONES NAME TEST ET OF	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 7,60 1,920 1,319 1,920	0.5   0.8   0.8   0.8   0.8   0.8   0.8   0.8   0.8   0.8   0.8   0.9   0.9   0.8   0.0   0.8   0.0   0.8   0.1   0.5	-0.8	2 6 4 4 -1 1 1 3 5 0 0 0 0 2 2 3 6 6 1 1 0 0 1 1 2 Monthly 9 6 4 4 1 1 0 9 5 5 5 7 7 5 5 4 4 9 9 -1 2 1 2	3 6 1 3 8 4 2 1 3 5 4 4 4 5 5 12 20 9 1 6 710 6 2 5 2 6 6 11 1 7 7 9 5 6 6 1 1 1 8 8
SAPERO DOWN JOHN JOHN JOHN JOHN JOHN JOHN JOHN JOH	20,480 18,419 7,148 3,410 10,265 12,000 19,443 67,7 6,714 48,579 1,320 91,374 7,60 1,320 91,374 7,60 1,320 11,23 84,8 215,4 98,2 22,4 40,8 215,4 98,2 57,3 11,7 14,9 13,7 14,9 13,7 14,9 13,7 14,9 13,7 14,9 13,7 14,9 13,7 14,9 13,7 14,9 13,7 14,9 13,7 14,9 13,7 14,9 14,9 14,9 14,9 14,9 14,9 14,9 14,9	0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.6 0.9 1.4 0.9 1.4 0.9 0.8 0.0 0.8 0.2 1.2 0.8 0.0 0.8 1.2 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	-0.8 1.8 3.0 1.7 1.5 1.1 1.2 2.9 1.5 1.1 1.0 7.7 1.1 1.1 1.2 1.2 1.1 1.1 1.2 1.2 1.1 1.1	-2	3 -6 -1 3 8 4 4 2 -1 3 5 5 4 4 4 5 5 12 20 9 1 6 6 -2 2 5 -2 6 6 -11 7 7 9 -2 6 6 -11 8 7 7
SAPERO DOWN JOHN JOHN JOHN JOHN JOHN JOHN JOHN JOH	20,480 1,144 1,148 1,149 1,148 1,149 1,148 1,149 1,148 1,149 1,148 1,149	0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.6 0.9 1.4 0.9 1.4 0.9 1.4 0.9 1.4 0.8 0.0 0.8 0.0 1.2 1.2 1.2 1.2 1.4 1.5 1.1 1.6 1.6 1.6 1.6 1.7 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	0.8 3.0 1.7 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.5	-2	3 -6 -1 -1 -3 -5 -4 -4 -5 -5 -2 -6 -1 -1 -7 -9 -2 -2 -6 -1 -1 -8 -7 -7 -4 -4 -7 -7 -4 -1 -8 -7 -7 -4 -1 -1 -8 -7 -7 -4 -1 -1 -8 -7 -7 -4 -1 -1 -7 -7 -4 -1 -1 -1 -7 -7 -4 -1 -1 -1 -7 -7 -4 -1 -1 -1 -7 -7 -4 -1 -1 -1 -7 -7 -4 -1 -1 -1 -7 -7 -4 -1 -1 -1 -7 -7 -4 -1 -1 -1 -7 -7 -4 -1 -1 -1 -7 -7 -7 -4 -1 -1 -7 -7 -7 -4 -1 -1 -7 -7 -7 -4 -1 -1 -7 -7 -7 -4 -1 -1 -7 -7 -7 -4 -1 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7
SAPPBO DOWN JONES NAVIOR THE TOTAL T	20,480 7,148 8,419 7,148 8,3410 10,265 4,990 4,9	0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.7 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9	0.8 3.0 1.7 1.5 1.1 1.5 1.5 1.1 1.5 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.1	2 6 4 1 1 3 5 0 0 0 0 2 3 6 1 1 0 1 1 2 2 Monthly 9 6 4 1 10 9 1 2 6 5 5 7 7 5 4 9 1 2 8 5 8 1 10 10 10 10 10 10 10 10 10 10 10 10 1	3 -6 -1 -1 -3 -8 -4 -4 -5 -5 -2 -6 -1 -1 -7 -7 -4 -1 -2 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4
SAPPBO DOWN JONES NAVIOR NAVIOR NAVIOR SAPEN SAP	20,480 7,148 8,419 7,148 8,3410 10,265 4,990 4,9	0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.6 0.9 1.7 0.9 1.4 0.3 0.9 0.8 0.2 1.2 0.8 0.0 0.8 0.2 1.2 1.2 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.7 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	0.8 3.0 1.7 1.5 1.7 1.5 1.7 2.2 2.3 3.4 2.1 1.5 1.7 1.5 1.7 2.2 2.3 3.5 1.5 1.7 1.5 1.7 1.7 1.5 1.7 1.7 1.5 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	2 6 4 1 1 0 1 1 1 2 3 5 5 0 0 0 0 2 2 3 6 6 1 1 0 0 1 1 2 5 5 5 7 7 5 5 4 9 9 1 1 2 8 8 1 0 1 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1	3 -6 -1 -1 -3 -8 -4 -4 -5 -1 -5 -2 -5 -2 -6 -1 -1 -7 -9 -5 -9 -2 -6 -1 -1 -7 -4 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6
SAPPEGO DOWN JONES NAVIOR STATES TO SEE SAPE SAPE SAPE SAPE SAPE SAPE SAPE	20,480 7,148 8,419 7,148 8,419 7,148 8,419 7,148 8,419 7,149 8,419	0.5 0.8 0.3 0.3 2.5 1.1 0.6 0.9 1.6 1.7 0.9 0.8 0.0 2.4 1.2 1.2 0.8 0.0 0.8 0.2 1.4 1.6 1.7 1.7 1.6 1.7 1.7 1.7 1.7 1.6 1.6 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	0.8 3.0 1.8 3.0 1.7 1.5 1.7 1.5 1.1 1.2 2.3 3.3 1.2 1.1 1.2 1.1 1.2 1.2 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	2 6 4 1 0 1 1 3 3 5 0 0 0 0 2 2 3 6 6 1 0 0 1 1 2 Monthly 9 6 4 1 10 9 1 1 2 8 8 1 1 2 8 8 1 1 1 1 1 1 1 1 1 1	3 6 6 1 3 8 4 4 2 1 1 3 3 5 1 2 2 0 9 1 1 6 2 2 5 2 6 6 11 1 8 7 7 4 4 6 6 7 7 5 5
SAPEROO DOWN JONES NAME TESTE TOO CENSORS SO DAY ASSAM SO DOWN SO	20.480 7.148 8.419 7.148 8.419 7.148 8.419 7.148 8.419 8.429 8.429 8.439	0.5 0.8 0.8 0.3 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.8 3.0 1.8 3.0 1.7 1.5 1.1 1.5 1.5	2 6 4 1 0 1 1 1 3 3 5 0 0 0 2 2 3 6 1 1 0 4 1 1 2 Monthly 9 6 4 1 10 9 1 1 2 5 5 5 7 5 4 4 1 2 8 8 5 8 1 10 4 3 3	3 6 6 1 3 8 4 4 2 1 1 5 5 4 4 4 5 5 1 2 1 5 6 6 2 1 5 6 6 1 1 1 7 7 7 7 4 4 1 2 4 6 6 7
SAPERO DOWN JOHN JOHN JOHN JOHN JOHN JOHN JOHN JOH	20.480 7.148 8.419 7.148 8.419 7.148 8.419 7.148 8.419	0.5	0.8 3.0 1.8 3.0 1.7 1.5 1.7 1.5 1.1 1.2 2.8 1.2 2.3 1.2 2.3 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 3.3	2 6 4 1 0 1 1 3 5 0 0 0 0 2 3 6 6 1 1 2 2 1 2 6 4 4 1 1 0 1 1 1 2 2 1 1 2 1 2 1 2 1 2 1 2 1	36 -61 -13 -88 -44 -45 -15 -20 -9 -11 -6 -2 -5 -2 -6 -6 -11 -7 -7 -7 -7 -4 -4 -12 -13 -13 -13 -13 -13 -13 -13 -13 -13 -13
SAPERO DOVE JOHN JOHN JOHN JOHN JOHN JOHN JOHN JOHN	20,480 7,148 8,419 7,148 8,419 7,148 8,419 7,148 8,419	0.5   0.8   0.3   2.5   -1.1   0.6   0.9   0.9   1.4   0.3   0.9   0.2   1.2   1.2   0.8   0.0   0.9   0.8   0.0   0.9   0.1   1.4   1.4   1.4   1.4   1.5   1.1	0.8 3.0 1.8 3.0 1.7 1.5 1.7 1.5 1.1 1.2 2.8 2.8 2.7 1.5 2.2 3.5 2.6 4.6 3.3 3.2 2.3 3.2 2.3 3.2 2.1 2.4 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4	2 6 4 1 0 1 1 3 5 0 0 0 0 2 3 6 6 1 1 0 1 1 2 2 1 2 6 6 1 1 1 1 2 2 1 2 6 6 1 1 1 2 1 2	36 -6 -1 38 44 22 -1 33 55 44 45 -5 -15 20 9 1 1 6 -2 -5 -5 -2 -6 -11 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -4 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1
SAPEROO DOWN JONES NAME THE TOTO CARCASTON SO  ASSESSED  ASSES	20.480 7.148 8.419 7.148 8.419 7.148 9.410 10.265 9.410 10.265 9.410 10.265 9.410 10.265 9.410 10.265 9.410 10.265	0.5   0.8   0.3   0.3   2.5   1.1   0.6   0.9   0.6   0.9   1.4   0.3   0.9   0.8   0.2   0.8   0.2   1.2   0.8   0.2   0.8   0.2   1.4   1.4   1.4   1.4   1.5   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   0.3   0.0   0.8   0.0   0.8   0.0   0.8   0.0   0.8   0.0   0.8   0.0   0.8   0.0   0.8   0.9   0.0   0.8   0.0   0.8   0.9   0.0	0.8 3.0 1.8 3.0 1.1.7 1.5 1.7 1.5 1.1.7 1.5 1.1.1 1.2 2.2 1.8 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.0 1.5 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	2 6 4 1 1 0 1 1 1 3 5 5 0 0 0 0 2 3 6 6 1 1 0 1 1 2 2 6 6 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 6 6 1 3 8 4 4 2 1 1 3 3 5 5 4 4 4 5 5 12 5 6 6 2 2 5 5 2 6 6 11 1 7 7 7 4 12 4 6 6 7 7 5 5 4 13 344 166
SAPPSO DOWN JONES NAME NAME NAME NAME NAME NAME NAME NAME	20,480 7,148 8,419 7,148 8,419 7,148 8,419 10,265 11,265 11,265 11,27 11	0.5 0.8 0.3 0.3 0.5 0.6 0.9 0.6 0.1 0.5 0.8 0.2 0.8 0.2 0.8 0.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.8 3.0 1.1.7 1.5 1.1.1 1.2.2 1.3.3 0.4 1.5 1.1.1 1.1.1 1.2.2 1.2.1 1.1.	2 6 4 1 0 1 1 1 3 5 0 0 0 0 2 3 6 1 1 0 1 1 2 2 2 2 2 2 2 2 2 3 6 1 1 0 1 1 2 2 5 5 7 7 5 4 9 9 1 1 2 3 3 4 4 5 5 5 5 3 3 6 6 Monthly	3 6 6 1 1 3 8 8 4 4 4 5 1 2 9 9 1 6 6 2 5 2 6 6 11 7 7 9 5 5 9 2 6 6 11 6 7 7 7 4 4 12 4 6 7 7 7 4 12 4 12 4 13 3 3 4 16 6 7 7 7 4 12 4 12 4 13 3 3 4 16 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
SAPERDO DOWN JONES NAME NAME NAME NAME NAME NAME NAME NAME	20.480 7.148 10.280 10.	0.5 0.8 0.8 0.3 0.3 0.6 0.9 0.6 0.6 0.9 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.6 0.9 0.1 0.7 0.9 0.9 0.8 0.2 0.8 0.0 0.8 0.2 0.8 0.0 0.8 0.0 0.8 0.0 0.8 0.0 0.8 0.0 0.0	0.8 3.0 1.1 1.1 1.2 2.1 1.1 1.1 1.2 1.1 1.1 1.1	2 6 4 1 1 0 1 1 1 1 3 3 5 0 0 0 2 3 6 6 1 1 0 1 1 1 2 2 Morelley 9 6 6 4 4 1 1 2 2 5 5 5 4 9 9 1 1 0 1 1 2 1 2 5 5 5 5 4 9 9 1 1 0 1 1 1 2 1 2 1 2 5 5 6 1 1 1 0 1 1 1 2 1 2 1 2 1 2 1 3 1 3 6 6 Morelley 9 1 1 1 1 5 5 3 3 6 6 Morelley 9 1 1 1 1 1 5 5 3 3 6 6 Morelley 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 8 4 2 1 3 5 4 4 5 5 20 9 1 6 6 6 6 6 7 7 7 9 5 5 6 6 6 7 7 7 7 4 4 6 6 7 7 7 5 5 4 1 3 3 4 4 1 6 4 2 2
SAPERDO DOWN JONES NAME NAME NAME NAME NAME NAME NAME NAME	20.480 7.148 8.149 19.479 19.4	0.5   0.6   0.5   0.6	0.88 3.00 1.18 3.00 1.17 1.15 1.17 1.15 1.17 1.15 1.17 1.17	-2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 6 6 1 1 3 8 4 4 2 1 1 3 5 5 4 4 4 5 5 1 2 2 0 9 1 1 6 6 2 2 6 6 1 1 1 7 7 7 4 4 6 7 7 7 4 1 2 4 6 7 2 2 4 8 8
SAPEROO DOWN JONES 100401 1004	20.480 18.419 7.148 18.419 7.148 19.00 19.00 19.443 19.443 19.47 1	0.5 0.8 0.3 0.3 0.5 0.6 0.1 0.5 0.6 0.1 0.5 0.6 0.1 0.7 0.7 0.9 0.8 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.8	-2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 6 6 1 3 8 4 2 2 1 5 5 4 4 5 5 12 12 15 5 6 6 1 11 7 7 9 5 5 7 7 4 1 13 3 4 4 6 6 7 7 5 5 4 4 1 13 3 3 4 4 6 6 7 7 5 5 4 4 8 8 3 3 8 8 8 8 8 8 8 8 8 8 8 8 8 8
SAPERDO DOWN JONES 100401 1004	20.480 18.419 7,148 18.419 7,148 18.626 19.43 19	0.5 0.8 0.3 0.3 0.5 0.5 0.6 0.9 0.8 0.0 0.8 0.0 0.9 0.8 0.0 0.0 0.5 0.6 0.9 0.8 0.0 0.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.88 3.0 1.1.2 1.1.7 1.5.5 1.1.2 1.2.2 1.1.2 1.1.1 1.1	-2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 8 4 2 1 3 5 4 4 5 5 1 12 5 2 9 9 1 1 6 6 6 1 1 7 7 9 5 5 9 2 2 6 6 1 1 1 7 7 7 4 4 1 2 4 1 3 3 4 6 6 4 2 2 4 8 3 3 Year 5 5
SAPSOO DOWN JONES NAME OF THE STATE OF THE SAME OF THE	20.480 18.419 7.148 18.419 7.148 19.20 11.00 11.	0.5   0.5	0.8 3.0 1.1.1 1.1.	-2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 6 6 1 1 3 8 4 2 2 1 1 3 5 5 4 4 4 5 5 2 2 0 9 1 1 6 6 2 2 5 2 2 6 6 1 1 1 7 7 7 7 4 4 6 7 7 7 4 1 1 3 3 4 1 1 6 4 2 2 4 8 8 3 3 4 2 2 4 8 8 3 3 4 2 2 4 8 8 3 3 4 2 2 4 8 8 3 3 4 2 2 4 8 8 3 3 4 2 2 4 8 8 3 3 4 2 2 4 8 8 3 3 4 2 2 4 8 8 3 3 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3
SAPSOO DOWN JONES 10040	20.480 18.419 7.148 18.419 7.148 19.00 19.00 19.43 19.43 19.43 19.43 4.990 19.443 4.970 19.43 4.970 19.43 4.970 19.43 4.970 19.43 4.970 19.43 4.970 19.43 4.970 19.43 4.970 19.43 4.970 19.43 19.43 4.90 19.43 19.	0.5   0.5	0.8 3.0 1.1.0 1.1.1 1.1.	-2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 6 6 1 3 8 4 2 1 3 5 5 4 5 5 4 3 3 4 4 9 2 7 2 7 4 8 8 3 3 4 4 9 3 3 4 4 9 3 3 4 4 9 3 3 4 9 4 9
SAPERDO DOWN JONES NAME NAME NAME NAME NAME NAME NAME NAME	20.480 18.419 7.148 18.429 19.433 19.490 19.443 64.77 76.774 4.990 19.443 64.77 76.774 1.920 64.77 1.920 1.921 1.9	0.5 0.8 0.3 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.8 1.8 3.0 1.17 1.17 1.17 1.17 1.17 1.17 1.17 1.	-2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3
SAPSOO DOWN JONES NAME OF SAPSON  NAME OF SAPS	20.480 118.419 7.148 13.410 13	0.5   0.5	0.8	-2 -6 -4 -1 -1 -1 -3 -3 -5 -5 -7 -5 -4 -9 -9 -10 -10 -4 -3 -3 -5 -5 -7 -5 -4 -9 -10 -4 -3 -3 -5 -5 -5 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6	3 8 4 2 2 3 3 3 4 4 4 5 5 12 5 5 2 6 6 11 7 7 7 7 7 4 2 4 6 6 7 7 5 4 4 13 3 3 13 13 13 13 13 13 13 13 13 13 13
SAPEROO DOWN Jones Noted Noted Noted STAFF STORE NOTE STAFF STAFF STORE NOTE STAFF	20.480 7.148 18.419 7.148 18.419 7.148 12.000 19.443 19.000 19.443 19.000 19.443 19.000 19.443 19.000 19.443 19.000 19.443 19.000 19.443 19.000 19.443 19.000 19.443 19.000 19.443 19.000 19.443 19.000 19.443 19.000 19.443 19.000 19.443 19.000 19.443 19.000 19.443 19.000 19.443 19.000 19.443 19.44	0.5   0.5	0.8 d. 3.0 d. 4.1.7 d. 5.1.7 d	2 6 4 1 1 1 3 5 5 0 0 0 2 3 6 1 0 0 1 1 2 7 1 2 7 1 2 5 5 7 7 5 5 8 8 1 1 0 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 1 2 1 2 7 1 2 8 1 2 1 2 7 1 2 8 1 2 1 2 7 1 2 8 1 2 1 2 7 1 2 8 1 2 1 2 7 1 2 8 1 2 1 2 7 1 2 7 1 2 8 1 2 1 2 7 1 2 7 1 2 8 1 2 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 1 1 1	3
SAPERDO DOWN JONES NAME NAME NAME NAME NAME NAME NAME NAME	20.480 18.419 7.148 18.419 7.148 12.000 19.443 10.490 19.443 10.490 19.443 10.490 19.443 10.490 19.443 10.490 19.443 10.490 19.443 10.490 19.443 10.490 10.443 10.490 10.443 10.490 10.443 10.443 10.490 10.443 10.490 10.443 10.490 10.4	0.5   0.5	0.8	2	3 6 6 1 3 8 8 4 4 4 5 2 9 9 1 6 6 7 7 9 5 6 6 1 1 7 7 9 9 2 2 6 6 6 1 1 1 1 8 8 7 7 4 1 2 2 4 6 6 7 7 9 1 1 3 3 4 1 1 6 6 7 7 7 9 1 1 1 8 8 7 7 7 4 1 1 1 8 8 7 7 7 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPEROO DOWN JONES NAME NAME NAME NAME NAME NAME NAME NAME	20.480 118.419 17.148 18.419 17.148 17.148 17.148 17.148 17.148 17.149 17.149 17.141 1	0.5   0.5	-0.8   -0	2	3 6 6 1 3 8 4 4 4 5 2 2 2 2 6 1 1 7 7 7 4 1 2 4 6 6 7 7 5 4 1 1 3 3 4 1 1 4 1 1 1 1 1 1 1 1 1 1 1
\$48500  Down Jones    Word	20.480 10.685 10	0.5 0.8 0.9 0.1 0.6 0.1 0.6 0.1 0.6 0.1 0.5 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	-0.8   -0	2	3 6 6 1 1 3 8 4 4 4 5 5 7 7 3 1 1 5 1 1 1 5 1 1 1 1 5 1 1 1 1 1 1 1
SAPSOO DOWN JONES  NAME OF THE TOWN SAPEN	20.480 118.419 17.148 18.419 17.148 17.148 17.148 17.148 17.148 17.149 17.149 17.141 1	0.5 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-0.8   -0	2	3 6 6 1 3 8 4 4 4 5 2 2 2 2 6 1 1 7 7 7 4 1 2 4 6 6 7 7 5 4 1 1 3 3 4 1 1 4 1 1 1 1 1 1 1 1 1 1 1
SAPEROO DOWN JONES HORSE	20.480 18.419 7.148 18.419 7.148 19.20 19.20 19.20 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.20 19.43 19.	0.5 0.8 0.8 0.3 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-0.8   -0	2	3 6 6 1 1 3 8 4 4 4 5 5 7 7 3 1 1 5 1 1 1 5 1 1 1 1 5 1 1 1 1 1 1 1
SAPEROO DOWN JONES 100401 1004	20.480 10.491 10.492 10.493 10	0.5 0.8 0.9 1.6 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.8 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	-2	3 6 1 1 3 3 8 8 4 2 1 1 3 1 5 1 1 2 2 1 5 5 4 4 3 3 1 4 4 4 8 8 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
SAPERO DOWN JONES  NAME OF SAPERO  NAME OF SAP	20.480 18.419 7.148 18.419 7.148 19.20 11.	0.5 0.8 0.8 0.9 0.9 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	-0.8   -0	2 6 4 1 1 1 1 3 5 5 5 7 7 5 4 4 9 1 1 1 1 1 2 1 2 1 3 1 3 5 5 5 3 3 6 6 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 6 1 3 8 4 4 4 4 5 2 2 4 6 6 7 7 7 7 4 4 6 6 7 7 7 4 4 8 8 3 3 4 4 4 4 6 5 5 7 3 4 4 4 6 6 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
SAPEROO DOWN JONES  100 JONES  10	20.480 18.419 7.148 18.419 7.148 19.20 19.20 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.63 19.43 19.	0.5 0.8 0.9 0.9 0.1 0.1 0.6 0.9 0.9 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0-88 3-18 3-18 3-18 3-18 3-18 3-18 3-18 3	2 6 4 1 1 1 3 5 5 1 1 2 Moorthly -0.4 1 3 3 6 6 1 1 2 7 7 5 4 9 9 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	3 6 6 1 1 3 3 8 8 4 4 4 5 5 7 7 7 4 12 4 6 6 7 7 7 7 4 12 4 6 6 7 7 7 7 7 4 12 4 6 6 7 7 7 7 7 7 1 1 1 1 1 1 1 1 1 1 1 1
\$48900  Down Jones    Noted   First 100	20.480 10.491 10.492 10.493 10	0.5 0.8 0.9 1.1.1 1.0.0	0.8	-2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 6 6 1 3 3 8 4 4 4 4 5 5 7 7 9 5 9 9 9 2 2 6 6 1 7 7 9 5 9 9 9 9 2 2 6 6 1 1 7 7 9 5 9 9 9 9 2 2 6 6 1 1 1 5 5 4 4 1 1 5 5 4 4 1 1 5 5 1 4 1 1 5 5 1 4 1 1 5 5 1 4 1 1 5 5 1 1 1 2 2 2 2 4 1 1 1 1 1 5 5 1 1 2 2 2 3 2 3 3 3 3 3 3 3 3 3 3 3 3 3
\$48900  Down Jones  Noted  The \$150 \$50  BEX.  OAX  CAC  MISS.  ASS. Alberts  MSS. Electron  MSS	20.480 18.419 7.148 18.419 7.148 12.000 12.000 12.000 12.000 13.410 14.990 19.443 4.990 19.443 4.990 19.443 4.990 19.443 4.990 19.443 19.244 4.990 19.443 19.244 4.990 19.443 19.244 4.990 19.443 19.244 19.2	0.5 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-0.8   -0	2	3 6 6 1 1 3 3 8 8 4 2 1 1 3 3 5 5 1 1 2 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1





Debt markets	( 10Y <u>. %, d</u>	anges in t	ip)		
Developed Markets US (2-yr)	1.16	Daily -4.1	-7.3 -11.4	Month -15	YTD -5
US GER (2-yr)	2.18 -0.86	-6.7 -0.2	-11.4	-32 -9	-26 -9
Germany France	0.16	-3.1 -2.4	-1.4 -4.8 -7.0	-28 -22	-12 8
Spain	1.67	-3.7 -5.6	2.6	-21 -10	16 39
Portugal	3.82	-6.7	-3.6	-75	-36
Greece Japan (2-yr)	6.79 -0.22	11.9 -1.3	6.9 0.4	-61 -4	-10 -3
Japan Emersing Markets	0.01	-1.3 -2.7 Daily	-6.5 Weekly	-6 Monthly	-6 YTD
Brazil	10.05	-4.3	2.5	-18	-136
Chile Colombia	3.91 6.57	-0.1 -5.0	-3.4 -5.4	-42 -27	-42 -52
Mexico Peru	7.12 5.79	-3.1 0.2	-10.1 -5.1	-13 -16	-51 -68
Poland Russia	3.37 8.09	-4.1 3.7	-7.6 -3.0	-37 -5	-35 -36
Turkey	10.66	8.0	-3.0	-4	-34
India Indonesia	6.86 7.06	1.7	5.4 -2.7	-17	48 -78
Country ri	sk (bp, chang	es in bp)			
Developed Markets  10-yr sovereign spread vs Germany	level	Daily	Weekly	Monthly	YTD
France Italy	74 211	0.7 -2.5	-2.2 2.8	6 18	20 51
Portugal	366	-3.6	1.2	-19	4
Spain  2-yr sovereign spread vs Germany	151	-0.6	7.4	7	36
France	54	0.7	-0.5	22	44
Italy Portugal	82 127	-2.5 0.9	0.1 2.4	-82	21 -20
Spain Emerging Markets	65	-2.5	-0.5	2	17 YTD
5-yr sovereign CDS *	level	Daily	weekiy	Monthly	TID
Brazil Chile	222 78	-1 2	4 5	8	-50 -4
Colombia	135	1	5	3	-28
Mexico Peru	129 104	1 2	3 4	-3 7	-27 -4
Venezuela	3,464	-25	-113	37	-441
Poland Russia	69 167	0	-5	5 2	-7 -9
Turkey	231	1	-3	8	-41
China India	88 99	0	5	7	-29 -28
Indonesia	137 sk indicators	0	7	14	-19
Volatilty indicators (%)	level	Daily	Weekly	Monthly	YTD
VIX VST OXX	15 26	4.8 9.4	2 12	36 129	4 9
EM EFT volatility Index	21	3.1	7	50	4
Dollar/euro volatility EM FX volatility index	13 9	-2.9 -1.0	3 -2	91 4	26 -17
Credit spread (BAA) (bps)	237	6.7	10	8	10
US bonds volatility index Banking 5 y CDS (bps) *	71 level	-4.7 Daily	1 Weekly	17 Monthly	-7 YTD
US	63	0.3	- 1	3	-9
EZ UK	116 81	0.2	4	13 10	-9
Large Spanish	107	0.2	4	-1 9	-10 13
Medium Spanish Corporate 5y CDS (typs) *	165 level	Daily	Weekly	Monthly	YTD
US Non-financial EZ Non-financial	153 102	0.3	1 4	3 13	-9 8
UK Non-financial	123	0.0	2	12	-2
Interbank ma	irkets (%, ch	nges in b Daily	Weekly	Monthly	YTD
EONIA Index	-0.36	0.00	0.0	0.0	0.0
Euribor 3m Euribor 12m	-0.33 -0.12	0.00	0.0	0.0	0.0
Libor 3m Libor 12m	1.16	0.00	0.0	0.0	0.2
EZ TED spread 3m	1.77 47.2	0.00	3.4	0.0 -11.3	-19.2
Stor	ck markets (				
Main indices	level	Daily	Weekly	Monthly	YTD
S&P500	2,337 20,480	-0.5		-2 -2	3
S&P500 Dow Jones Nikkei	20,480 18,419	-0.5 -0.8 0.3	-0.8 -1.8	-2 -6	3 -6
S&P500 Dow Jones Nikkei FTSE 100 EuroStoxx 50	20,480 18,419 7,148 3,410	-0.5 -0.8 0.3 -2.5 -1.1	-0.8 -1.8 -3.0 -1.7	-2 -6 -4 -1	3 -6 -1 3
S&P500 Dow Jones Nikkei FTSE 100 EuroStoxx 50 IBEX	20,480 18,419 7,148 3,410 10,265	-0.5 -0.8 0.3 -2.5 -1.1 -0.6	-0.8 -1.8 -3.0 -1.7 -1.5	-2 -6 -4 -1 0	3 -6 -1 3 8
S&P500 Dow Jones Nikided FTSE 100 EuroStoxx 50 IBEX DAX CAC	20,480 18,419 7,148 3,410 10,265 12,000 4,990	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2	-2 -6 -4 -1 0 -1	3 -6 -1 3 8 4 2
SAP500 Dow Jones Nikkel FTSE 100 EuroStoxx 50 IBEX DAX CAC	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3	-2 -6 -4 -1 0 -1 -1 -3	3 -6 -1 3 8 4 2
S&P\$00 Down Jones Nödel FTSE 100 Emostorus 50 IBEX DAX CAC MBB MB MB MSC Latam*	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8	-2 -6 -4 -1 0 -1 -1 -3 5	3 -6 -1 3 8 4 2 -1 3 5
SAPPBOO Down Jones Nikket FFEST 100 EuroStoux 50 BIBCX DAX CAC MIST ALLERS MIST ALLERS MIST ALLERS BOOKERS BOO	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1	-2 -6 -4 -1 0 -1 -1 -3 5 0 0	3 -6 -1 3 8 4 2 -1 3 5
SAPPDO DOW/LDNE NOKe FFEE TOD EAUSTROOK, SO BECK DAX CAC MIB MSC LAttam * Iblowyea (Bilacit) ModOd	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1	-2 -6 -4 -1 0 -1 -3 5 0 0 0 -2	3 -6 -1 3 8 4 2 -1 3 5 4 4 -2 -1 -3 -5
SAPPSO Dow Jones Nikled TFSE TIOD EardStook S0 BEX AND BEX	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920	-0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 -0.7 -2.9	-2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3 -6	3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15
SAPPBO Down Jones Nikled FFSE TIOD ELBOSON, SO BEEX CACA CACA CACA CACA CACA CACA CACA C	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374	-0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 0.7 -2.9 0.5	-2 -6 -4 -1 0 -1 -1 -3 -5 0 0 0 -2 -3 -6 1	3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12
SAEPBO DOWN JONES NAME THE STORE SO  BET STORE SO  BET	20,480 18,419 7,148 3,410 10,265 12,000 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197	-0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2 0.8 0.0 -0.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3 -2.8	-2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3 -6 1 0 -1	3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9
SAPPBO Down Jones Nikled FFSE TIOD ELBOSON, SO BEEX CACA CACA CACA CACA CACA CACA CACA C	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 1,920 91,374 760	-0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2 0.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3	-2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3 -6 1	3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9 1 6
SAPPBO Down Jones Nikled FFEE TIO ELEVISION SO ELEVISION	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 76,007 1,920 1,94	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 -1.4 -0.3 -0.9 -0.8 -0.2 -1.2 -0.8 -0.0 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 0.7 -2.9 -0.5 -0.3 -2.8 -0.7 -0.8 -0.8 -0.7 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9	-2 -6 -4 -1 0 -1 -3 5 0 0 0 -2 -3 -6 1 0 -1 2 Monthly -9	3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9
SAPPBO DOWN JONES NAVIOR NAVIOR NAVIOR BEX DAX CAC MAN MASC Alters MASC IRRAN	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 level 112,3 84,8 58,2	-0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2 0.8 0.2 -1.2 0.8 -0.2 Doily -2.4 -1.2 -1.4	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3 -2.8 -0.7 -0.7 -0.8 -0.7 -0.8 -0.7	-2 -6 -4 -1 0 0 -1 -3 5 0 0 0 -2 -3 -6 1 0 0 -1 2 Monthly -9 -6 -4	3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9 1 6 YTD -6 -2 -5
SAPPBO DOW JONES NINES NINES NINES NINES TEST TOO  CARCESTON SO  BEAN  MACH  ASS AND  ASS AND  MAG LIST  DOVERNING  MAG LIST  NOR LIST	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 level 112,3 84,8 58,2 22,4	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2 0.8 0.0 -0.8 -0.9 -1.6 -1.7 -1.4 -1.4 -1.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -2.1 -1.1 -0.7 -2.9 -0.5 -0.3 -2.8 -0.7	-2 -6 -4 -1 0 0 -1 -1 -3 5 0 0 0 -2 -3 -6 1 0 -1 2 2 Monthly -9 -6 -4 -10	3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 20 9 1 6 YTD -6 -2 -5
SAPPBO Dow Jones Nikled TFJET 100 EaroShoux 50 BECX CAC CAC MASC Latam * BOYLER BECK BOYLER BECK MASC Latam * BOYLER BECK BOYLER BECK MASC LATAM * M	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 48,579 48,579 2,237 1,920 91,374 760 3,197 5,607 level 112,3 84,8 58,2 22,4 40,8 215,4	0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -0.9 -1.7 -0.9 -1.4 -0.3 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -1.2 -1.2 -1.4 -1.4 -1.4 -1.4 -1.4 -1.5 -1.4 -1.5 -1.4 -1.5 -1.5 -1.1 -1.5 -1.5 -1.5 -1.5 -1.5	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -2.1 -1.1 -0.7 -2.9 -0.3 -2.8 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7	-2 -6 -4 -1 0 0 -1 -3 5 0 0 0 -2 -3 -6 1 0 0 -1 2 Monthly -9 -6 -4	3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9 1 6 YTD -6 -2 -5
SAPPBO DOWN JONES NINES	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 760 3,197 5,607 level 112,3 84,8 58,2 22,4 40,8 215,4 98,2 57,3	0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.6 1.7 0.9 0.2 1.2 0.8 0.0 0.2 1.2 0.3 0.2 1.2 1.4 1.4 1.4 1.4 1.5 1.4 1.5 1.5 1.6 1.7 1.7 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3 -2.8 -0.7 Weekly -2.8 -1.0 -1.5 -2.2 -1.8 -5.4 -3.9	-2 -6 -4 -1 0 0 -2 -3 -6 1 0 0 -1 2 2 Monthly 9 -6 -4 -10 -9 -12 -6	3 -6 -1 3 8 4 4 2 -1 3 5 5 4 4 4 4 5 5 12 -15 20 9 1 6 6 -2 2 -6 11 -7 -7
SAPPBO Down Jones Nikele TFEE TOO DOWN JONES NIKELE TENE TOO DAX CAC ACAC ACAC ACAC ACAC ACAC ACAC A	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 7,60 3,197 5,607 level 112,3 84,8 58,2 22,4 40,8 215,4 40,8 215,4 98,2 57,3	0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.6 1.7 0.9 1.4 1.0 0.8 0.2 1.2 0.8 0.0 0.8 0.2 1.2 0.8 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	-0.8 -1.8 -1.8 -1.7 -1.5 -1.1 -1.2 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3	-2 -6 -4 -1 0 0 -1 -1 -3 3 5 0 0 0 -2 3 -6 1 0 0 -1 2 Monthly 9 -6 -4 -1 10 -9 -5 -5 -5 -5	3 -6 -1 -1 3 8 4 2 -1 1 3 5 5 4 4 4 5 5 12 20 9 1 1 6 6 2 -5 -2 6 6 -1 1 -7 9 -5 5 5
SAPPOD DOWN JONES NAME TESTE TOO TEATSCHOOL SO TESTE TOO TEATSCHOOL SO TESTE TOO TEATSCHOOL SO TESTE TOO T	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 5,607 1,920 1,374 760 3,197 5,607 112,3 84,8 58,2 24,4 40,8 215,4 40,8 215,3 11,7 14,9 13,7	0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.6 1.7 0.9 0.8 0.2 0.8 0.2 0.8 0.2 1.2 0.8 0.2 1.4 1.4 1.4 1.4 1.4 1.4 1.5 1.6 1.7 1.7 1.6 1.7 1.7 1.8 1.1 1.8 1.8 1.8 1.8 1.8 1.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -1.2 -2 -3.3 -0.4 -2.1 -1.7 -0.5 -0.3 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.3 -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 -0.7 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8	2 6 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 -6 -1 -1 -3 -3 -5 -4 -4 -5 -2 -1 -5 -2 -6 -1 -1 -7 -9 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
SAPERDO DOWN JONES NAME NAME NAME NAME NAME NAME NAME NAME	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 10,20 112,20 22,4 40,8 215,4 98,2 57,3 117,9 118,2 118,	0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.6 1.7 0.9 0.8 0.2 0.8 0.0 0.8 0.2 1.2 0.8 0.2 1.4 1.4 1.4 1.4 1.4 1.4 1.5 1.4 1.6 1.7 1.6 1.7 1.6 1.7 1.6 1.7 1.6 1.7 1.6 1.6 1.7 1.6 1.6 1.7 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -1.2 -1.3 -0.4 -0.8 -0.4 -2.1 -1.1 -0.7 -2.9 -0.3 -2.8 -0.7 -2.9 -1.5 -0.3 -2.8 -0.7 -1.1 -1.1 -1.1 -1.1 -1.1 -1.1 -1.1 -1	-2 -6 -4 -1 -1 -1 -1 -3 -5 -5 -7 -5 -4 -4	3 -6 -1 -1 -3 -8 -4 -2 -1 -1 -5 -2 -6 -1 -1 -7 -9 -2 -6 -6 -1 -1 -7 -9 -2 -6 -6 -1 -1 -7 -9 -2 -6 -6 -1 -1 -7 -9 -2 -6 -6 -1 -1 -7 -9 -2 -6 -6 -1 -1 -7 -9 -2 -6 -6 -1 -1 -7 -9 -2 -6 -6 -1 -1 -7 -9 -2 -6 -6 -1 -1 -7 -9 -2 -6 -1 -1 -7 -9 -9 -2 -6 -1 -1 -7 -9 -9 -2 -6 -1 -1 -1 -7 -9 -9 -2 -6 -1 -1 -1 -7 -9 -9 -2 -6 -1 -1 -1 -7 -9 -9 -2 -6 -1 -1 -1 -7 -9 -9 -2 -6 -1 -1 -1 -7 -9 -9 -2 -6 -1 -1 -1 -7 -9 -9 -2 -6 -1 -1 -1 -7 -9 -9 -2 -6 -1 -1 -1 -7 -9 -9 -2 -6 -1 -1 -1 -7 -9 -9 -2 -6 -1 -1 -1 -7 -9 -9 -2 -6 -1 -1 -1 -7 -9 -9 -2 -6 -1 -1 -1 -7 -9 -9 -2 -6 -1 -1 -1 -7 -9 -9 -2 -2 -6 -1 -1 -1 -7 -9 -9 -2 -2 -6 -1 -1 -1 -7 -9 -9 -2 -2 -6 -1 -1 -1 -7 -9 -9 -2 -2 -6 -1 -1 -1 -7 -9 -9 -2 -2 -6 -1 -1 -1 -7 -9 -9 -2 -2 -6 -1 -1 -1 -7 -9 -9 -2 -2 -6 -1 -1 -1 -7 -9 -9 -2 -2 -1 -1 -1 -7 -9 -9 -2 -2 -1 -1 -1 -7 -9 -9 -2 -2 -1 -1 -1 -7 -9 -9 -2 -2 -1 -1 -1 -7 -9 -9 -2 -2 -1 -1 -1 -7 -9 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1
SAPPRO DOWN JONES NAME TEST ET OF	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 7,60 1,920 1,319 1,920	0.5   0.8   0.8   0.8   0.8   0.8   0.8   0.8   0.8   0.8   0.8   0.9   0.9   0.8   0.0   0.8   0.0   0.8   0.1   0.5	-0.8	2 6 4 4 -1 1 1 3 5 0 0 0 0 2 2 3 6 6 1 1 0 0 1 1 2 Monthly 9 6 4 4 1 1 0 9 5 5 5 7 7 5 5 4 4 9 9 -1 2 1 2	3 6 1 3 8 4 2 1 3 5 4 4 4 5 5 12 20 9 1 6 710 6 2 5 2 6 6 11 1 7 7 9 5 6 6 1 1 1 8 8
SAPERO DOWN JOHN JOHN JOHN JOHN JOHN JOHN JOHN JOH	20,480 18,419 7,148 3,410 10,265 12,000 19,443 67,7 6,714 48,579 1,320 91,374 7,60 1,320 91,374 7,60 1,320 11,23 84,8 215,4 98,2 22,4 40,8 215,4 98,2 57,3 11,7 14,9 13,7 14,9 13,7 14,9 13,7 14,9 13,7 14,9 13,7 14,9 13,7 14,9 13,7 14,9 13,7 14,9 13,7 14,9 13,7 14,9 14,9 14,9 14,9 14,9 14,9 14,9 14,9	0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.6 0.9 1.4 0.9 1.4 0.9 0.8 0.0 0.8 0.2 1.2 0.8 0.0 0.8 1.2 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	-0.8 1.8 3.0 1.7 1.5 1.1 1.2 2.9 1.5 1.1 1.0 7.7 1.1 1.1 1.2 1.2 1.1 1.1 1.2 1.2 1.1 1.1	-2	3 -6 -1 3 8 4 4 2 -1 3 5 5 4 4 4 5 5 12 20 9 1 6 6 -2 2 5 -2 6 6 -11 7 7 9 -2 6 6 -11 8 7 7
SAPERO DOWN JOHN JOHN JOHN JOHN JOHN JOHN JOHN JOH	20,480 1,144 1,148 1,149 1,148 1,149 1,148 1,149 1,148 1,149 1,148 1,149	0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.6 0.9 1.4 0.9 1.4 0.9 1.4 0.9 1.4 0.8 0.0 0.8 0.0 1.2 1.2 1.2 1.2 1.4 1.5 1.1 1.6 1.6 1.6 1.6 1.7 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	0.8 3.0 1.7 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.5	-2	3 -6 -1 -1 -3 -5 -4 -4 -5 -5 -2 -6 -1 -1 -7 -9 -2 -2 -6 -1 -1 -8 -7 -7 -4 -4 -7 -7 -4 -1 -8 -7 -7 -4 -1 -1 -8 -7 -7 -4 -1 -1 -8 -7 -7 -4 -1 -1 -7 -7 -4 -1 -1 -1 -7 -7 -4 -1 -1 -1 -7 -7 -4 -1 -1 -1 -7 -7 -4 -1 -1 -1 -7 -7 -4 -1 -1 -1 -7 -7 -4 -1 -1 -1 -7 -7 -4 -1 -1 -1 -7 -7 -4 -1 -1 -1 -7 -7 -7 -4 -1 -1 -7 -7 -7 -4 -1 -1 -7 -7 -7 -4 -1 -1 -7 -7 -7 -4 -1 -1 -7 -7 -7 -4 -1 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7
SAPPBO DOWN JONES NAVIOR THE TOTAL T	20,480 7,148 8,419 7,148 8,3410 10,265 4,990 4,9	0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.7 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9	0.8 3.0 1.7 1.5 1.1 1.5 1.5 1.1 1.5 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.1	2 6 4 1 1 3 5 0 0 0 0 2 3 6 1 1 0 1 1 2 2 Monthly 9 6 4 1 10 9 1 2 6 5 5 7 7 5 4 9 1 2 8 5 8 1 10 10 10 10 10 10 10 10 10 10 10 10 1	3 -6 -1 -1 -3 -8 -4 -4 -5 -5 -2 -6 -1 -1 -7 -7 -4 -1 -2 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4
SAPPBO DOWN JONES NAVIOR NAVIOR NAVIOR SAPEN SAP	20,480 7,148 8,419 7,148 8,3410 10,265 4,990 4,9	0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.6 0.9 1.7 0.9 1.4 0.3 0.9 0.8 0.2 1.2 0.8 0.0 0.8 0.2 1.2 1.2 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.7 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	0.8 3.0 1.7 1.5 1.7 1.5 1.7 2.2 2.3 3.4 2.1 1.5 1.7 1.5 1.7 2.2 2.3 3.5 1.5 1.7 1.5 1.7 1.5 1.7 1.5 1.5 1.7 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	2 6 4 1 1 0 1 1 1 2 3 5 5 0 0 0 0 2 2 3 6 6 1 1 0 0 1 1 2 2 5 5 5 7 7 5 5 4 9 9 1 1 2 8 8 1 1 0 1 1 0 1 0 1 1 0 1 0 1 1 0 1 0	3 -6 -1 -1 -3 -8 -4 -4 -5 -1 -5 -2 -5 -2 -6 -1 -1 -7 -9 -5 -9 -2 -6 -1 -1 -7 -4 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6
SAPPEGO DOWN JONES NAVIOR STATES TO SEE SAPE SAPE SAPE SAPE SAPE SAPE SAPE	20,480 7,148 8,419 7,148 8,419 7,148 8,419 7,148 8,419 7,149 8,419	0.5 0.8 0.3 0.3 2.5 1.1 0.6 0.9 1.6 1.7 0.9 0.8 0.0 2.4 1.2 1.2 0.8 0.0 0.8 0.2 1.4 1.6 1.7 1.7 1.6 1.7 1.7 1.7 1.7 1.6 1.6 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	0.8 3.0 1.8 3.0 1.7 1.5 1.7 1.5 1.1 1.2 2.3 3.3 1.2 1.1 1.2 1.1 1.2 1.2 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	2 6 4 1 0 1 1 3 3 5 0 0 0 0 2 2 3 6 6 1 0 0 1 1 2 Monthly 9 6 4 1 10 9 1 1 2 8 8 1 1 2 8 8 1 1 1 1 1 1 1 1 1 1	3 6 6 1 3 8 4 4 2 1 1 3 3 5 1 2 2 0 9 1 1 6 2 2 5 2 6 6 11 1 8 7 7 4 4 6 6 7 7 5 5
SAPEROO DOWN JONES NAME TESTE TOO CENSORS SO DAY ASSAM SO DOWN SO	20.480 7.148 8.419 7.148 8.419 7.148 8.419 7.148 8.419 8.429 8.429 8.439	0.5 0.8 0.8 0.3 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.8 3.0 1.8 3.0 1.7 1.5 1.1 1.5 1.5	2 6 4 1 0 1 1 1 3 3 5 0 0 0 2 2 3 6 1 1 0 4 1 1 2 Monthly 9 6 4 1 10 9 1 1 2 5 5 5 7 5 4 4 1 2 8 8 5 8 1 10 4 3 3	3 6 6 1 3 8 4 4 2 1 1 5 5 4 4 4 5 5 1 2 1 5 6 6 2 1 5 6 6 1 1 1 7 7 7 7 4 4 1 2 4 6 6 7
SAPERO DOWN JOHN JOHN JOHN JOHN JOHN JOHN JOHN JOH	20.480 7.148 8.419 7.148 8.419 7.148 8.419 7.148 8.419	0.5	0.8 3.0 1.8 3.0 1.7 1.5 1.7 1.5 1.1 1.2 2.8 1.2 2.3 1.2 2.3 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 3.3	2 6 4 1 0 1 1 3 5 0 0 0 0 2 3 6 6 1 1 2 2 1 2 6 4 4 1 1 0 1 1 1 2 2 1 1 2 1 2 1 2 1 2 1 2 1	36 -61 -13 -88 -44 -45 -15 -20 -9 -11 -6 -2 -5 -2 -6 -6 -11 -7 -7 -7 -7 -4 -4 -12 -13 -13 -13 -13 -13 -13 -13 -13 -13 -13
SAPERO DOVE JOHN JOHN JOHN JOHN JOHN JOHN JOHN JOHN	20,480 7,148 8,419 7,148 8,419 7,148 8,419 7,148 8,419	0.5   0.8   0.3   2.5   -1.1   0.6   0.9   0.9   1.4   0.3   0.9   0.2   1.2   1.2   0.8   0.0   0.9   0.8   0.0   0.9   0.1   1.4   1.4   1.4   1.4   1.5   1.1	0.8 3.0 1.8 3.0 1.7 1.5 1.7 1.5 1.1 1.2 2.8 2.8 2.7 1.5 2.2 3.5 2.6 4.6 3.3 3.2 2.3 3.2 2.3 3.2 2.1 2.4 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4	2 6 4 1 0 1 1 3 5 0 0 0 0 2 3 6 6 1 1 0 1 1 2 2 1 2 6 6 1 1 1 1 2 2 1 2 6 6 1 1 1 2 1 2	36 -6 -1 38 44 22 -1 33 55 44 45 -5 -15 20 9 1 1 6 -2 -5 -5 -2 -6 -11 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -4 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1
SAPEROO DOWN JONES NAME THE TOTO CARCASTON SO  ASSESSED  ASSES	20.480 7.148 8.419 7.148 8.419 7.148 9.410 10.265 9.410 10.265 9.410 10.265 9.410 10.265 9.410 10.265 9.410 10.265	0.5   0.8   0.3   0.3   2.5   1.1   0.6   0.9   0.6   0.9   1.4   0.3   0.9   0.8   0.2   0.8   0.2   1.2   0.8   0.2   0.8   0.2   1.4   1.4   1.4   1.4   1.5   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   0.3   0.0   0.8   0.0   0.8   0.0   0.8   0.0   0.8   0.0   0.8   0.0   0.8   0.0   0.8   0.9   0.0   0.8   0.0   0.8   0.9   0.0	0.8 3.0 1.8 3.0 1.1.7 1.5 1.7 1.5 1.1.7 1.5 1.1.1 1.2 2.2 1.8 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.0 1.5 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	2 6 4 1 1 0 1 1 1 3 5 5 0 0 0 0 2 3 6 6 1 1 0 1 1 2 2 6 6 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 6 6 1 3 8 4 4 2 1 1 3 3 5 5 4 4 4 5 5 12 5 6 6 2 2 5 5 2 6 6 11 1 7 7 7 4 12 4 6 6 7 7 5 5 4 13 344 166
SAPPSO DOWN JONES NAME NAME NAME NAME NAME NAME NAME NAME	20,480 7,148 8,419 7,148 8,419 7,148 8,419 10,265 11,265 11,265 11,27 11	0.5 0.8 0.3 0.3 0.5 0.6 0.9 0.6 0.1 0.5 0.8 0.2 0.8 0.2 0.8 0.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.8 3.0 1.1.7 1.5 1.1.1 1.2.2 1.3.3 0.4 1.5 1.1.1 1.1.1 1.2.2 1.2.1 1.1.	2 6 4 1 0 1 1 1 3 5 0 0 0 0 2 3 6 1 1 0 1 1 2 2 2 2 2 2 2 2 2 3 6 1 1 0 1 1 2 2 5 5 7 7 5 4 9 9 1 1 2 3 3 4 4 5 5 5 5 3 3 6 6 Monthly	3 6 6 1 1 3 8 8 4 4 4 5 1 2 9 9 1 6 6 2 5 2 6 6 11 7 7 9 5 5 9 2 6 6 11 6 7 7 7 4 4 12 4 6 7 7 7 4 12 4 12 4 13 3 3 4 16 6 7 7 7 4 12 4 12 4 13 3 3 4 16 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
SAPERDO DOWN JONES NAME NAME NAME NAME NAME NAME NAME NAME	20.480 7.148 10.280 10.	0.5 0.8 0.8 0.3 0.3 0.6 0.9 0.6 0.6 0.9 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.6 0.9 0.1 0.7 0.9 0.9 0.8 0.2 0.8 0.0 0.8 0.2 0.8 0.0 0.8 0.0 0.8 0.0 0.8 0.0 0.8 0.0 0.0	0.8 3.0 1.1 1.1 1.2 2.1 1.1 1.1 1.2 1.1 1.1 1.1	2 6 4 1 1 0 1 1 1 1 3 3 5 0 0 0 2 3 6 6 1 1 0 1 1 1 2 2 Morthly 9 6 6 4 4 1 1 2 2 5 5 5 4 9 9 1 1 2 5 8 8 5 9 1 1 1 1 2 1 2 1 2 5 8 8 5 9 1 1 1 1 1 5 5 5 5 6 1 1 1 1 5 5 5 6 1 1 1 1	3 8 4 2 1 3 5 4 4 5 5 20 9 1 6 6 6 6 6 7 7 7 9 5 5 6 6 6 7 7 7 7 4 4 6 6 7 7 7 5 5 4 1 3 3 4 4 1 6 4 2 2
SAPERDO DOWN JONES NAME NAME NAME NAME NAME NAME NAME NAME	20.480 7.148 8.149 19.479 19.4	0.5   0.6   0.5   0.6	0.88 3.00 1.18 3.00 1.17 1.15 1.17 1.15 1.17 1.15 1.17 1.17	-2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 6 6 1 1 3 8 4 4 2 1 1 3 5 5 4 4 4 5 5 1 2 2 0 9 1 1 6 6 2 2 6 6 1 1 1 7 7 7 4 4 6 7 7 7 4 1 2 4 6 7 2 2 4 8 8
SAPEROO DOWN JONES 100401 1004	20.480 18.419 7.148 18.419 7.148 19.00 19.00 19.443 19.443 19.47 1	0.5 0.8 0.3 0.3 0.5 0.6 0.1 0.5 0.6 0.1 0.5 0.6 0.1 0.7 0.7 0.9 0.8 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.8	-2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 6 6 1 3 8 4 2 2 1 5 5 4 4 5 5 12 12 15 5 6 6 1 11 7 7 9 5 5 7 7 4 1 13 3 4 4 6 6 7 7 5 5 4 4 1 13 3 3 4 4 6 6 7 7 5 5 4 4 8 8 3 3 8 8 8 8 8 8 8 8 8 8 8 8 8 8
SAPERDO DOWN JONES 100401 1004	20.480 18.419 7,148 18.419 7,148 18.626 19.43 19	0.5 0.8 0.3 0.3 0.5 0.5 0.6 0.9 0.8 0.0 0.8 0.0 0.9 0.8 0.0 0.0 0.5 0.6 0.9 0.8 0.0 0.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.88 3.0 1.1.2 1.1.7 1.5.5 1.1.2 1.2.2 1.1.2 1.1.1 1.1	-2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 8 4 2 1 3 5 4 4 5 5 1 12 5 2 9 9 1 1 6 6 6 1 1 7 7 9 5 5 9 2 2 6 6 1 1 1 7 7 7 4 4 1 2 4 1 3 3 4 6 6 4 2 2 4 8 3 3 Year 5 5
SAPSOO DOWN JONES NAME OF THE STATE OF THE SAME OF THE	20.480 18.419 7.148 18.419 7.148 19.20 11.00 11.	0.5   0.5	0.8 3.0 1.1.1 1.1.	-2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 6 6 1 1 3 8 4 2 2 1 1 3 5 5 4 4 4 5 5 2 2 0 9 1 1 6 6 2 2 5 2 2 6 6 1 1 1 7 7 7 7 4 4 6 7 7 7 4 1 1 3 3 4 1 1 6 4 2 2 4 8 8 3 3 4 2 2 4 8 8 3 3 4 2 2 4 8 8 3 3 4 2 2 4 8 8 3 3 4 2 2 4 8 8 3 3 4 2 2 4 8 8 3 3 4 2 2 4 8 8 3 3 4 2 2 4 8 8 3 3 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3
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SAPERDO DOWN JONES NAME NAME NAME NAME NAME NAME NAME NAME	20.480 18.419 7.148 18.429 19.433 19.490 19.443 64.77 76.774 4.990 19.443 64.77 76.774 1.920 64.77 1.920 1.9	0.5 0.8 0.3 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.8 1.8 3.0 1.17 1.17 1.17 1.17 1.17 1.17 1.17 1.	-2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3
SAPSOO DOWN JONES NAME OF SAPSON  NAME OF SAPS	20.480 118.419 7.148 13.410 13	0.5   0.5	0.8	-2 -6 -4 -1 -1 -1 -3 -3 -5 -5 -7 -5 -4 -9 -9 -10 -10 -4 -3 -3 -5 -5 -7 -5 -4 -9 -10 -4 -3 -3 -5 -5 -5 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6	3 8 4 2 2 3 3 3 4 4 4 5 5 12 5 5 2 6 6 11 7 7 7 7 7 4 2 4 6 6 7 7 5 4 4 13 3 3 13 13 13 13 13 13 13 13 13 13 13
SAPEROO DOWN Jones Noted Noted Noted STAFF STORE NOTE STAFF STAFF STORE NOTE STAFF	20.480 7.148 18.419 7.148 18.419 7.148 12.000 19.443 19.000 19.443 19.000 19.443 19.000 19.443 19.000 19.443 19.000 19.443 19.000 19.443 19.000 19.443 19.000 19.443 19.000 19.443 19.000 19.443 19.000 19.443 19.000 19.443 19.000 19.443 19.000 19.443 19.000 19.443 19.000 19.443 19.000 19.443 19.44	0.5   0.5	0.8 d. 3.0 d. 4.1.7 d. 5.1.7 d	2 6 4 1 1 1 3 5 5 0 0 0 2 3 6 1 0 0 1 1 2 7 1 2 7 1 2 5 5 7 7 5 5 8 8 1 1 0 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 8 1 1 2 1 2 7 1 2 8 1 2 1 2 7 1 2 8 1 2 1 2 7 1 2 8 1 2 1 2 7 1 2 8 1 2 1 2 7 1 2 8 1 2 1 2 7 1 2 8 1 2 1 2 7 1 2 7 1 2 8 1 2 1 2 7 1 2 7 1 2 8 1 2 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 2 7 1 1 1 1	3
SAPERDO DOWN JONES NAME NAME NAME NAME NAME NAME NAME NAME	20.480 18.419 7.148 18.419 7.148 12.000 19.443 10.490 19.443 10.490 19.443 10.490 19.443 10.490 19.443 10.490 19.443 10.490 19.443 10.490 19.443 10.490 10.443 10.490 10.443 10.490 10.443 10.443 10.490 10.443 10.490 10.443 10.490 10.4	0.5   0.5	0.8	2	3 6 6 1 3 8 8 4 4 4 5 2 9 9 1 6 6 7 7 9 5 6 6 1 1 7 7 9 9 2 2 6 6 6 1 1 1 1 8 8 7 7 4 1 2 2 4 6 6 7 7 9 1 1 3 3 4 1 1 6 6 7 7 7 9 1 1 1 8 8 7 7 7 4 1 1 1 8 8 7 7 7 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPEROO DOWN JONES NAME NAME NAME NAME NAME NAME NAME NAME	20.480 118.419 17.148 18.419 17.148 17.148 17.148 17.148 17.148 17.149 17.149 17.141 1	0.5   0.5	-0.8   -0	2	3 6 6 1 3 8 4 4 4 5 2 2 2 2 6 1 1 7 7 7 4 1 2 4 6 6 7 7 5 4 1 1 3 3 4 1 1 4 1 1 1 1 1 1 1 1 1 1 1
\$48500  Down Jones    Word	20.480 10.685 10	0.5 0.8 0.9 0.1 0.6 0.1 0.6 0.1 0.6 0.1 0.5 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	-0.8   -0	2	3 6 6 1 1 3 8 4 4 4 5 5 7 7 3 1 1 5 1 1 1 5 1 1 1 1 5 1 1 1 1 1 1 1
SAPSOO DOWN JONES  NAME OF THE TOWN SAPEN	20.480 118.419 17.148 18.419 17.148 17.148 17.148 17.148 17.148 17.149 17.149 17.141 1	0.5 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-0.8   -0	2	3 6 6 1 3 8 4 4 4 5 2 2 2 2 6 1 1 7 7 7 4 1 2 4 6 6 7 7 5 4 1 1 3 3 4 1 1 4 1 1 1 1 1 1 1 1 1 1 1
SAPEROO DOWN JONES HORSE	20.480 18.419 7.148 18.419 7.148 19.20 19.20 19.20 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.20 19.43 19.	0.5 0.8 0.8 0.3 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-0.8   -0	2	3 6 6 1 1 3 8 4 4 4 5 5 7 7 3 1 1 5 1 1 1 5 1 1 1 1 5 1 1 1 1 1 1 1
SAPEROO DOWN JONES 100401 1004	20.480 10.491 10.492 10.493 10	0.5 0.8 0.9 1.6 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.8 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	-2	3 6 1 1 3 3 8 8 4 2 1 1 3 1 5 1 1 2 2 1 5 5 4 4 3 3 1 4 4 4 8 8 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
SAPERO DOWN JONES  NAME OF SAPERO  NAME OF SAP	20.480 18.419 7.148 18.419 7.148 19.20 11.	0.5 0.8 0.8 0.9 0.9 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	-0.8   -0	2 6 4 1 1 1 1 3 5 5 5 7 7 5 4 4 9 1 1 1 1 1 2 1 2 1 3 1 3 5 5 5 3 3 6 6 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 6 1 3 8 4 4 4 4 5 2 2 4 6 6 7 7 7 7 4 4 6 6 7 7 7 4 4 8 8 3 3 4 4 4 4 6 5 5 7 3 4 4 4 6 6 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
SAPEROO DOWN JONES  100 JONES  10	20.480 18.419 7.148 18.419 7.148 19.20 19.20 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.43 19.63 19.43 19.	0.5 0.8 0.9 0.9 0.1 0.1 0.6 0.9 0.9 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0-88 3-18 3-18 3-18 3-18 3-18 3-18 3-18 3	2 6 4 1 1 1 3 5 5 1 1 2 Moorthly -0.4 1 3 3 6 6 1 1 2 7 7 5 4 9 9 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	3 6 6 1 1 3 3 8 8 4 4 4 5 5 7 7 7 4 12 4 6 6 7 7 7 7 4 12 4 6 6 7 7 7 7 7 4 12 4 6 6 7 7 7 7 7 7 1 1 1 1 1 1 1 1 1 1 1 1
\$48900  Down Jones    Noted   First 100	20.480 10.491 10.492 10.493 10	0.5 0.8 0.9 1.1.1 1.0.0	0.8	-2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 6 6 1 3 3 8 4 4 4 4 5 5 7 7 9 5 9 9 9 2 2 6 6 1 7 7 9 5 9 9 9 9 2 2 6 6 1 1 7 7 9 5 9 9 9 9 2 2 6 6 1 1 1 5 5 4 4 1 1 5 5 4 4 1 1 5 5 1 4 1 1 5 5 1 4 1 1 5 5 1 4 1 1 5 5 1 1 1 2 2 2 2 4 1 1 1 1 1 5 5 1 1 2 2 2 3 2 3 3 3 3 3 3 3 3 3 3 3 3 3
\$48900  Down Jones  Noted  The \$150 \$50  BEX.  OAX  CAC  MISS.  ASS. Alberts  MSS. Electron  MSS	20.480 18.419 7.148 18.419 7.148 12.000 12.000 12.000 12.000 19.443 14.990 19.443 14.990 19.443 14.990 19.443 14.990 19.443 19.490 19.443 19.490 19.443 19.490 19.443 19.490 19.443 19.490 19.443 19.490 19.443 19.490 19.443 19.440 19.4	0.5 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-0.8   -0	2	3 6 6 1 1 3 3 8 8 4 2 1 1 3 3 5 5 1 1 2 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1





Debt markets	( 10Y <u>. %, d</u>	anges in t	ip)		
Developed Markets US (2-yr)	1.16	Daily -4.1	-7.3 -11.4	Month -15	YTD -5
US GER (2-yr)	2.18 -0.86	-6.7 -0.2	-11.4	-32 -9	-26 -9
Germany France	0.16	-3.1 -2.4	-1.4 -4.8 -7.0	-28 -22	-12 8
Spain	1.67	-3.7 -5.6	2.6	-21 -10	16 39
Portugal	3.82	-6.7	-3.6	-75	-36
Greece Japan (2-yr)	6.79	11.9 -1.3	6.9 0.4	-61 -4	-10 -3
Japan Emersing Markets	0.01	-1.3 -2.7 Daily	-6.5 Weekly	-6 Monthly	-6 YTD
Brazil	10.05	-4.3	2.5	-18	-136
Chile Colombia	3.91 6.57	-0.1 -5.0	-3.4 -5.4	-42 -27	-42 -52
Mexico Peru	7.12 5.79	-3.1 0.2	-10.1 -5.1	-13 -16	-51 -68
Poland Russia	3.37 8.09	-4.1 3.7	-7.6 -3.0	-37 -5	-35 -36
Turkey	10.66	8.0	-3.0	-4	-34
India Indonesia	6.86 7.06	1.7	5.4 -2.7	-17	48 -78
Country ri	sk (bp, chang	es in bp)			
Developed Markets  10-yr sovereign spread vs Germany	level	Daily	Weekly	Monthly	YTD
France Italy	74 211	0.7 -2.5	-2.2 2.8	6 18	20 51
Portugal	366	-3.6	1.2	-19	4
Spain  2-yr sovereign spread vs Germany	151	-0.6	7.4	7	36
France	54	0.7	-0.5	22	44
Italy Portugal	82 127	-2.5 0.9	0.1 2.4	-82	21 -20
Spain Emerging Markets	65	-2.5	-0.5	2	17 YTD
5-yr sovereign CDS *	level	Daily	weekiy	Monthly	TID
Brazil Chile	222 78	-1 2	4 5	8	-50 -4
Colombia	135	1	5	3	-28
Mexico Peru	129 104	1 2	3 4	-3 7	-27 -4
Venezuela	3,464	-25	-113	37	-441
Poland Russia	69 167	0	-5	5 2	-7 -9
Turkey	231	1	-3	8	-41
China India	88 99	0	5	7	-29 -28
Indonesia	137 sk indicators	0	7	14	-19
Volatilty indicators (%)	level	Daily	Weekly	Monthly	YTD
VIX VST OXX	15 26	4.8 9.4	2 12	36 129	4 9
EM EFT volatility Index	21	3.1	7	50	4
Dollar/euro volatility EM FX volatility index	13 9	-2.9 -1.0	3 -2	91 4	26 -17
Credit spread (BAA) (bps)	237	6.7	10	8	10
US bonds volatility index Banking 5 y CDS (bps) *	71 level	-4.7 Daily	1 Weekly	17 Monthly	-7 YTD
US	63	0.3	- 1	3	-9
EZ UK	116 81	0.2	4	13 10	-9
Large Spanish	107	0.2	4	-1 9	-10 13
Medium Spanish Corporate 5y CDS (typs) *	165 level	Daily	Weekly	Monthly	YTD
US Non-financial EZ Non-financial	153 102	0.3	1 4	3 13	-9 8
UK Non-financial	123	0.0	2	12	-2
Interbank ma	irkets (%, ch	nges in b Daily	Weekly	Monthly	YTD
EONIA Index	-0.36	0.00	0.0	0.0	0.0
Euribor 3m Euribor 12m	-0.33 -0.12	0.00	0.0	0.0	0.0
Libor 3m Libor 12m	1.16	0.00	0.0	0.0	0.2
EZ TED spread 3m	1.77 47.2	0.00	3.4	0.0 -11.3	-19.2
Stor	ck markets (				
Main indices	level	Daily	Weekly	Monthly	YTD
S&P500	2,337 20,480	-0.5		-2 -2	3
S&P500 Dow Jones Nikkei	20,480 18,419	-0.5 -0.8 0.3	-0.8 -1.8	-2 -6	3 -6
S&P500 Dow Jones Nikkei FTSE 100 EuroStoxx 50	20,480 18,419 7,148 3,410	-0.5 -0.8 0.3 -2.5 -1.1	-0.8 -1.8 -3.0 -1.7	-2 -6 -4 -1	3 -6 -1 3
S&P500 Dow Jones Nikkei FTSE 100 EuroStoxx 50 IBEX	20,480 18,419 7,148 3,410 10,265	-0.5 -0.8 0.3 -2.5 -1.1 -0.6	-0.8 -1.8 -3.0 -1.7 -1.5	-2 -6 -4 -1 0	3 -6 -1 3 8
S&P500 Dow Jones Nikided FTSE 100 EuroStoxx 50 IBEX DAX CAC	20,480 18,419 7,148 3,410 10,265 12,000 4,990	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2	-2 -6 -4 -1 0 -1	3 -6 -1 3 8 4 2
SAP500 Dow Jones Nikkel FTSE 100 EuroStoxx 50 IBEX DAX CAC	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3	-2 -6 -4 -1 0 -1 -1 -3	3 -6 -1 3 8 4 2
S&P\$00 Down Jones Nödel FTSE 100 Emostorus 50 IBEX DAX CAC MBB MB MB MSC Latam*	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8	-2 -6 -4 -1 0 -1 -1 -3 5	3 -6 -1 3 8 4 2 -1 3 5
SAPPBOO Down Jones Nikket FFEST 100 EuroStoux 50 BIBCX DAX CAC MIST ALLERS MIST ALLERS MIST ALLERS BOOKERS BOO	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1	-2 -6 -4 -1 0 -1 -1 -3 5 0 0	3 -6 -1 3 8 4 2 -1 3 5
SAPPDO DOW/LDNE NOKe FFEE TOD EAUSTROOK, SO BECK DAX CAC MIB MSC LAttam * Iblowyea (Bilacit) ModOd	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1	-2 -6 -4 -1 0 -1 -3 5 0 0 0 -2	3 -6 -1 3 8 4 2 -1 3 5 4 4 -2 -1 -3 -5
SAPPSO Dow Jones Nikled TFSE TIOD EardStook S0 BEX AND BEX	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920	-0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 -0.7 -2.9	-2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3 -6	3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15
SAPPBO Down Jones Nikled FFSE TIOD ELBOSON, SO BEEX CACA CACA CACA CACA CACA CACA CACA C	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374	-0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 0.7 -2.9 0.5	-2 -6 -4 -1 0 -1 -1 -3 -5 0 0 0 -2 -3 -6 1	3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12
SAEPBO DOWN JONES NAME THE STORE SO  BET STORE SO  BET	20,480 18,419 7,148 3,410 10,265 12,000 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197	-0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2 0.8 0.0 -0.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3 -2.8	-2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3 -6 1 0 -1	3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9
SAPPBO Down Jones Nikled FFSE TIOD ELBOSON, SO BEEX CACA CACA CACA CACA CACA CACA CACA C	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 1,920 91,374 760	-0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2 0.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3	-2 -6 -4 -1 0 -1 -1 -3 5 0 0 0 -2 -3 -6 1 0	3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9 1 6
SAPPBO Down Jones Nikled FFEE TIO ELEVISION SO ELEVISION	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 76,007 1,920 1,94	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 -1.4 -0.3 -0.9 -0.8 -0.2 -1.2 -0.8 -0.0 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -0.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 0.7 -2.9 -0.5 -0.3 -2.8 -0.7 -0.8 -0.8 -0.7 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9	-2 -6 -4 -1 0 -1 -3 5 0 0 0 -2 -3 -6 1 0 -1 2 Monthly -9	3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9
SAPPBO DOWN JONES NAVIOR STAFF TO THE T	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 level 112,3 84,8 58,2	-0.5 -0.8 0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2 0.8 0.2 -1.2 0.8 -0.2 Doily -2.4 -1.2 -1.4	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3 -2.8 -0.7 -0.7 -0.8 -0.7 -0.8 -0.7	-2 -6 -4 -1 0 0 -1 -3 5 0 0 0 -2 -3 -6 1 0 0 -1 2 Monthly -9 -6 -4	3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9 1 6 YTD -6 -2 -5
SAPPBO DOW JONES NINES NINES NINES NINES TEST TOO  CARCESTON SO  BEAN  MACH  ASS AND  ASS AND  MAG LIST  DOVERNING  MAG LIST  NOR LIST	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 level 112,3 84,8 58,2 22,4	-0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -1.7 -0.9 1.4 -0.3 -0.9 0.8 0.2 -1.2 0.8 0.0 -0.8 -0.9 -1.6 -1.7 -1.4 -1.4 -1.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -2.1 -0.7 -2.9 -0.5 -0.3 -2.8 -0.7	-2 -6 -4 -1 0 0 -1 -1 -3 5 0 0 0 -2 -3 -6 1 0 -1 2 2 Monthly -9 -6 -4 -10	3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 20 9 1 6 YTD -6 -2 -5
SAPPBO Dow Jones Nikled TFJET 100 EaroShoux 50 BECX CAC CAC MASC Latam * BOYLER BECK BOYLER BECK MASC Latam * BOYLER BECK BOYLER BECK MASC LATAM * M	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 48,579 48,579 2,237 1,920 91,374 760 3,197 5,607 level 112,3 84,8 58,2 22,4 40,8 215,4	0.5 -0.8 -0.3 -2.5 -1.1 -0.6 -0.9 -1.6 -0.9 -1.7 -0.9 -1.4 -0.3 -0.8 -0.2 -0.8 -0.2 -0.8 -0.2 -1.2 -1.2 -1.4 -1.4 -1.4 -1.4 -1.4 -1.5 -1.4 -1.5 -1.4 -1.5 -1.5 -1.1 -1.5 -1.5 -1.5 -1.5 -1.5	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -2.1 -1.1 -0.7 -2.9 -0.3 -2.8 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7	-2 -6 -4 -1 0 0 -1 -3 5 0 0 0 -2 -3 -6 1 0 0 -1 2 Monthly -9 -6 -4	3 -6 -1 3 8 4 2 -1 3 5 4 4 -5 12 -15 20 9 1 6 YTD -6 -2 -5
SAPPBO DOWN JONES NINES	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 760 3,197 5,607 level 112,3 84,8 58,2 22,4 40,8 215,4 98,2 57,3	0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.6 1.7 0.9 0.2 1.2 0.8 0.0 0.2 1.2 0.3 0.2 1.2 1.4 1.4 1.4 1.4 1.5 1.4 1.5 1.5 1.6 1.7 1.7 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -2.2 -3.3 -0.4 -0.8 -0.4 -2.1 -1.1 0.7 -2.9 0.5 -0.3 -2.8 -0.7 Weekly -2.8 -1.0 -1.5 -2.2 -1.8 -5.4 -3.9	-2 -6 -4 -1 0 0 -2 -3 -6 1 0 0 -1 2 2 Monthly 9 -6 -4 -10 -9 -12 -6	3 -6 -1 3 8 4 4 2 -1 3 5 5 4 4 4 4 5 5 12 -15 20 9 1 6 6 -2 2 -6 11 -7 -7
SAPPBO Down Jones Nikele TFEE TOO DOWN JONES NIKELE TENE TOO DAX CAC ACAC ACAC ACAC ACAC ACAC ACAC A	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 7,60 3,197 5,607 level 112,3 84,8 58,2 22,4 40,8 215,4 40,8 215,4 98,2 57,3	0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.6 1.7 0.9 1.4 1.0 0.8 0.2 1.2 0.8 0.0 0.8 0.2 1.2 0.8 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	-0.8 -1.8 -1.8 -1.7 -1.5 -1.1 -1.2 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3	-2 -6 -4 -1 0 0 -1 -1 -3 3 -5 0 0 0 -2 -3 -6 1 0 0 -1 2 Monthly 9 -6 -4 -1 10 -9 -5 -5 -5 -5	3 -6 -1 -1 3 8 4 2 -1 1 3 5 5 4 4 4 5 5 12 20 9 1 1 6 6 2 -5 -2 6 6 -1 1 -7 9 -5 5 5
SAPPOD DOWN JONES NAME TESTE TOO TEATSCHOOL SO TESTE TOO TEATSCHOOL SO TESTE TOO TEATSCHOOL SO TESTE TOO T	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 5,607 1,920 1,374 760 3,197 5,607 112,3 84,8 58,2 24,4 40,8 215,4 40,8 215,3 11,7 14,9 13,7	0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.6 1.7 0.9 0.8 0.2 0.8 0.2 0.8 0.2 1.2 0.8 0.2 1.4 1.4 1.4 1.4 1.4 1.4 1.5 1.6 1.7 1.7 1.6 1.7 1.7 1.8 1.1 1.8 1.8 1.8 1.8 1.8 1.8	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -1.2 -2 -3.3 -0.4 -2.1 -1.7 -0.5 -0.3 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.3 -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 -0.7 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8	2 6 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 -6 -1 -1 -3 -3 -5 -4 -4 -5 -2 -1 -5 -2 -6 -1 -1 -7 -9 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
SAPERDO DOWN JONES NAME NAME NAME NAME NAME NAME NAME NAME	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 760 3,197 5,607 10,20 112,20 22,4 40,8 215,4 98,2 57,3 117,9 118,2 118,	0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.6 1.7 0.9 0.8 0.2 0.8 0.0 0.8 0.2 1.2 0.8 0.2 1.4 1.4 1.4 1.4 1.4 1.4 1.5 1.4 1.6 1.7 1.6 1.7 1.6 1.7 1.6 1.7 1.6 1.7 1.6 1.6 1.7 1.6 1.6 1.7 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	-0.8 -1.8 -3.0 -1.7 -1.5 -1.1 -1.2 -1.3 -0.4 -0.8 -0.4 -2.1 -1.1 -0.7 -2.9 -0.3 -2.8 -0.7 -2.9 -1.5 -0.3 -2.8 -0.7 -1.1 -1.1 -1.1 -1.1 -1.1 -1.1 -1.1 -1	-2 -6 -4 -1 -1 -1 -1 -3 -5 -5 -7 -5 -4 -4	3 -6 -1 -1 -3 -8 -4 -2 -1 -1 -5 -2 -6 -1 -1 -7 -9 -2 -6 -6 -1 -1 -7 -9 -2 -6 -6 -1 -1 -7 -9 -2 -6 -6 -1 -1 -7 -9 -2 -6 -6 -1 -1 -7 -9 -2 -6 -6 -1 -1 -7 -9 -2 -6 -6 -1 -1 -7 -9 -2 -6 -6 -1 -1 -7 -9 -2 -6 -6 -1 -1 -7 -9 -2 -6 -1 -1 -7 -9 -9 -2 -6 -1 -1 -7 -9 -9 -2 -6 -1 -1 -1 -7 -9 -9 -2 -6 -1 -1 -1 -7 -9 -9 -2 -6 -1 -1 -1 -7 -9 -9 -2 -6 -1 -1 -1 -7 -9 -9 -2 -6 -1 -1 -1 -7 -9 -9 -2 -6 -1 -1 -1 -7 -9 -9 -2 -6 -1 -1 -1 -7 -9 -9 -2 -6 -1 -1 -1 -7 -9 -9 -2 -6 -1 -1 -1 -7 -9 -9 -2 -6 -1 -1 -1 -7 -9 -9 -2 -6 -1 -1 -1 -7 -9 -9 -2 -6 -1 -1 -1 -7 -9 -9 -2 -6 -1 -1 -1 -7 -9 -9 -2 -2 -6 -1 -1 -1 -7 -9 -9 -2 -2 -6 -1 -1 -1 -7 -9 -9 -2 -2 -6 -1 -1 -1 -7 -9 -9 -2 -2 -6 -1 -1 -1 -7 -9 -9 -2 -2 -6 -1 -1 -1 -7 -9 -9 -2 -2 -6 -1 -1 -1 -7 -9 -9 -2 -2 -6 -1 -1 -1 -7 -9 -9 -2 -2 -1 -1 -1 -7 -9 -9 -2 -2 -1 -1 -1 -7 -9 -9 -2 -2 -1 -1 -1 -7 -9 -9 -2 -2 -1 -1 -1 -7 -9 -9 -2 -2 -1 -1 -1 -7 -9 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1
SAPPRO DOWN JONES NAME TEST ET OF	20,480 18,419 7,148 3,410 10,265 12,000 4,990 19,443 677 76,714 64,128 48,579 4,777 2,237 1,920 91,374 7,60 1,920 1,319 1,920	0.5   0.8   0.8   0.8   0.8   0.8   0.8   0.8   0.8   0.8   0.8   0.9   0.9   0.8   0.0   0.8   0.0   0.8   0.1   0.5	-0.8	2 6 4 4 -1 1 1 3 5 0 0 0 0 2 2 3 6 6 1 1 0 0 1 1 2 Monthly 9 6 4 4 1 1 0 9 5 5 5 7 7 5 5 4 4 9 9 -1 2 1 2	3 6 1 3 8 4 2 1 3 5 4 4 4 5 5 12 20 9 1 6 710 6 2 5 2 6 6 11 1 7 7 9 5 6 6 1 1 1 8 8
SAPERO DOWN JOHN JOHN JOHN JOHN JOHN JOHN JOHN JOH	20,480 18,419 7,148 3,410 10,265 12,000 19,443 67,7 6,714 48,579 1,320 91,374 7,60 1,320 91,374 7,60 1,320 11,23 84,8 215,4 98,2 22,4 40,8 215,4 98,2 57,3 11,7 14,9 13,7 14,9 13,7 14,9 13,7 14,9 13,7 14,9 13,7 14,9 13,7 14,9 13,7 14,9 13,7 14,9 13,7 14,9 13,7 14,9 14,9 14,9 14,9 14,9 14,9 14,9 14,9	0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.6 0.9 1.4 0.9 1.4 0.9 0.8 0.0 0.8 0.2 1.2 0.8 0.0 0.8 1.2 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	-0.8 1.8 3.0 1.7 1.5 1.1 1.2 2.9 1.5 1.1 1.0 7.7 1.1 1.1 1.2 1.2 1.1 1.1 1.2 1.2 1.1 1.1	-2	3 -6 -1 3 8 4 4 2 -1 3 5 5 4 4 4 5 5 12 20 9 1 6 6 -2 2 5 -2 6 6 -11 7 7 9 -2 6 6 -11 8 7 7
SAPERO DOWN JOHN JOHN JOHN JOHN JOHN JOHN JOHN JOH	20,480 1,144 1,148 1,149 1,148 1,149 1,148 1,149 1,148 1,149 1,148 1,149	0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.6 0.9 1.4 0.9 1.4 0.9 1.4 0.9 1.4 0.8 0.0 0.8 0.0 1.2 1.2 1.2 1.2 1.4 1.5 1.1 1.6 1.6 1.6 1.6 1.7 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	0.8 3.0 1.7 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.5	-2	3 -6 -1 -1 -3 -5 -4 -4 -5 -5 -2 -6 -1 -1 -7 -9 -2 -2 -6 -1 -1 -8 -7 -7 -4 -4 -7 -7 -4 -1 -8 -7 -7 -4 -1 -1 -8 -7 -7 -4 -1 -1 -8 -7 -7 -4 -1 -1 -7 -7 -4 -1 -1 -1 -7 -7 -4 -1 -1 -1 -7 -7 -4 -1 -1 -1 -7 -7 -4 -1 -1 -1 -7 -7 -4 -1 -1 -1 -7 -7 -4 -1 -1 -1 -7 -7 -4 -1 -1 -1 -7 -7 -4 -1 -1 -1 -7 -7 -7 -4 -1 -1 -7 -7 -7 -4 -1 -1 -7 -7 -7 -4 -1 -1 -7 -7 -7 -4 -1 -1 -7 -7 -7 -4 -1 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7
SAPPBO DOWN JONES NAVIOR THE TOTAL T	20,480 7,148 8,419 7,148 8,3410 10,265 4,990 4,9	0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.6 0.9 1.7 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9	0.8 3.0 1.7 1.5 1.1 1.5 1.5 1.1 1.5 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.5 1.1 1.1	2 6 4 1 1 3 5 0 0 0 0 2 3 6 1 1 0 1 1 2 2 Monthly 9 6 4 1 10 9 1 2 6 5 5 7 7 5 4 9 1 2 8 5 8 1 10 10 10 10 10 10 10 10 10 10 10 10 1	3 -6 -1 -1 -3 -8 -4 -4 -5 -5 -2 -6 -1 -1 -7 -7 -4 -1 -2 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4
SAPPBO DOWN JONES NAVIOR NAVIOR NAVIOR SAPEN SAP	20,480 7,148 8,419 7,148 8,3410 10,265 4,990 4,9	0.5 0.8 0.3 2.5 1.1 0.6 0.9 1.6 0.9 1.6 0.9 0.8 0.2 0.8 0.0 0.8 0.2 1.2 0.8 0.0 0.8 0.2 1.2 1.2 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	0.8 3.0 1.7 1.5 1.7 1.5 1.7 2.2 2.3 3.4 2.1 1.5 1.7 1.5 1.7 2.2 2.3 3.5 1.5 1.7 1.5 1.7 1.5 1.7 1.5 1.5 1.7 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	2 6 4 1 1 0 1 1 1 2 3 5 5 0 0 0 0 2 2 3 6 6 1 1 0 0 1 1 2 2 5 5 5 7 7 5 5 4 9 9 1 1 2 8 8 1 1 0 1 1 0 1 0 1 1 0 1 0 1 1 0 1 0	3 -6 -1 -1 -3 -8 -4 -4 -5 -1 -5 -2 -5 -2 -6 -1 -1 -7 -9 -5 -9 -2 -6 -1 -1 -7 -4 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6
SAPPEGO DOWN JONES NAVIOR STATES TO SEE SAPE SAPE SAPE SAPE SAPE SAPE SAPE	20,480 7,148 8,419 7,148 8,419 7,148 8,419 7,148 8,419 7,149 8,419	0.5 0.8 0.3 0.3 2.5 1.1 0.6 0.9 1.6 1.7 0.9 0.8 0.0 2.4 1.2 1.2 0.8 0.0 0.8 0.2 1.4 1.6 1.7 1.7 1.6 1.7 1.7 1.7 1.7 1.6 1.6 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	0.8 3.0 1.8 3.0 1.7 1.5 1.7 1.5 1.1 1.2 2.3 3.3 1.2 1.1 1.2 1.1 1.2 1.2 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	2 6 4 1 0 1 1 3 3 5 0 0 0 0 2 2 3 6 6 1 0 0 1 1 2 Monthly 9 6 4 1 10 9 1 1 2 8 8 1 1 2 8 8 1 1 1 1 1 1 1 1 1 1	3 6 6 1 3 8 4 4 2 1 1 3 3 5 1 2 2 0 9 1 1 6 2 2 5 2 6 6 11 1 8 7 7 4 4 6 6 7 7 5 5
SAPEROO DOWN JONES NAME TESTE TOO CENSORS SO DAY ASSAM SO DOWN SO	20.480 7.148 8.419 7.148 8.419 7.148 8.419 7.148 8.419 8.429 8.429 8.439	0.5 0.8 0.8 0.3 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.8 3.0 1.8 3.0 1.7 1.5 1.1 1.5 1.5	2 6 4 1 0 1 1 1 3 3 5 0 0 0 2 2 3 6 1 1 0 4 1 1 2 Monthly 9 6 4 1 10 9 1 1 2 5 5 5 7 5 4 4 1 2 8 8 5 8 1 10 4 3 3	3 6 6 1 3 8 4 4 2 1 1 5 5 4 4 4 5 5 1 2 1 5 6 6 2 1 5 6 6 1 1 1 7 7 7 7 4 4 1 2 4 6 6 7
SAPERO DOWN JOHN JOHN JOHN JOHN JOHN JOHN JOHN JOH	20.480 7.148 8.419 7.148 8.419 7.148 8.419 7.148 8.419	0.5	0.8 3.0 1.8 3.0 1.7 1.5 1.7 1.5 1.1 1.2 2.8 1.2 2.3 1.2 2.3 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 2.2 3.3 3.3	2 6 4 1 0 1 1 3 5 0 0 0 0 2 3 6 6 1 1 2 2 1 2 6 4 4 1 1 0 1 1 1 2 2 1 1 2 1 2 1 2 1 2 1 2 1	36 -61 -13 -88 -44 -45 -15 -20 -9 -11 -6 -2 -5 -2 -6 -6 -11 -7 -7 -7 -7 -4 -4 -12 -13 -13 -13 -13 -13 -13 -13 -13 -13 -13
SAPERO DOVE JOHN JOHN JOHN JOHN JOHN JOHN JOHN JOHN	20,480 7,148 8,419 7,148 8,419 7,148 8,419 7,148 8,419	0.5   0.8   0.3   2.5   -1.1   0.6   0.9   0.9   1.4   0.3   0.9   0.2   1.2   1.2   0.8   0.0   0.9   0.8   0.0   0.9   0.1   1.4   1.4   1.4   1.4   1.5   1.1	0.8 3.0 1.8 3.0 1.7 1.5 1.7 1.5 1.1 1.2 2.8 2.8 2.7 1.5 2.2 3.5 2.6 4.6 3.3 3.2 2.3 3.2 2.3 3.2 2.1 2.4 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4	2 6 4 1 0 1 1 3 5 0 0 0 0 2 3 6 6 1 1 0 1 1 2 2 1 2 6 6 1 1 1 1 2 2 1 2 6 6 1 1 1 2 1 2	36 -6 -1 38 44 22 -1 33 55 44 45 -5 -15 20 9 1 1 6 -2 -5 -5 -2 -6 -11 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -4 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1
SAPEROO DOWN JONES NAME THE TOTO CARCASTON SO  ASSESSED  ASSES	20.480 7.148 8.419 7.148 8.419 7.148 9.410 10.265 9.410 10.265 9.410 10.265 9.410 10.265 9.410 10.265 9.410 10.265	0.5   0.8   0.3   0.3   2.5   1.1   0.6   0.9   0.6   0.9   1.4   0.3   0.9   0.8   0.2   0.8   0.2   1.2   0.8   0.2   0.8   0.2   1.4   1.4   1.4   1.4   1.5   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   0.3   0.0   0.8   0.0   0.8   0.0   0.8   0.0   0.8   0.0   0.8   0.0   0.8   0.0   0.8   0.9   0.0   0.8   0.0   0.8   0.9   0.0	0.8 3.0 1.8 3.0 1.1.7 1.5 1.7 1.5 1.1.7 1.5 1.1.1 1.2 2.2 1.8 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.5 1.0 1.0 1.0 1.5 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	2 6 4 1 1 0 1 1 1 3 5 5 0 0 0 0 2 3 6 6 1 1 0 1 1 2 2 6 6 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 6 6 1 3 8 4 4 2 1 1 3 3 5 5 4 4 4 5 5 12 5 6 6 2 2 5 5 2 6 6 11 1 7 7 7 4 12 4 6 6 7 7 5 5 4 13 344 166
SAPPSO DOWN JONES NAME NAME NAME NAME NAME NAME NAME NAME	20,480 7,148 8,419 7,148 8,419 7,148 8,419 10,265 11,265 11,265 11,27 11	0.5 0.8 0.3 0.3 0.5 0.6 0.9 0.6 0.1 0.5 0.8 0.2 0.8 0.2 0.8 0.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.8 3.0 1.1.7 1.5 1.1.1 1.2.2 1.3.3 0.4 1.5 1.1.1 1.1.1 1.2.2 1.2.1 1.1.	2 6 4 1 0 1 1 1 3 5 0 0 0 0 2 3 6 1 1 0 1 1 2 2 2 2 2 2 2 2 2 3 6 1 1 0 1 1 2 2 5 5 7 7 5 4 9 9 1 1 2 3 3 4 4 5 5 5 5 3 3 6 6 Monthly	3 6 6 1 1 3 8 8 4 4 4 5 1 2 9 9 1 6 6 2 5 2 6 6 11 7 7 9 5 5 9 2 6 6 11 6 7 7 7 4 4 12 4 6 7 7 7 4 12 4 12 4 13 3 3 4 16 6 7 7 7 4 12 4 12 4 13 3 3 4 16 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
SAPERDO DOWN JONES NAME NAME NAME NAME NAME NAME NAME NAME	20.480 7.148 10.280 10.	0.5 0.8 0.8 0.3 0.3 0.6 0.9 0.6 0.6 0.9 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.8 0.2 0.6 0.9 0.1 0.7 0.9 0.9 0.8 0.2 0.8 0.0 0.8 0.2 0.8 0.0 0.8 0.0 0.8 0.0 0.8 0.0 0.8 0.0 0.0	0.8 3.0 1.1 1.1 1.2 2.1 1.1 1.1 1.2 1.1 1.1 1.1	2 6 4 1 1 0 1 1 1 1 3 3 5 0 0 0 2 3 6 6 1 1 0 1 1 1 2 2 Morthly 9 6 6 4 4 1 1 2 2 5 5 5 4 9 9 1 1 2 5 8 8 5 9 1 1 1 1 2 1 2 1 2 5 8 8 5 9 1 1 1 1 1 5 5 5 5 6 1 1 1 1 5 5 5 6 1 1 1 1	3 8 4 2 1 3 5 4 4 5 5 20 9 1 6 6 6 6 6 7 7 7 9 5 5 6 6 6 7 7 7 7 4 4 6 6 7 7 7 5 5 4 1 3 3 4 4 1 6 4 2 2
SAPERDO DOWN JONES NAME NAME NAME NAME NAME NAME NAME NAME	20.480 7.148 8.149 19.479 19.4	0.5   0.6   0.5   0.6	0.88 3.00 1.18 3.00 1.17 1.15 1.17 1.15 1.17 1.15 1.17 1.17	-2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 6 6 1 1 3 8 4 4 2 1 1 3 5 5 4 4 4 5 5 1 2 2 0 9 1 1 6 6 2 2 6 6 1 1 1 7 7 7 4 4 6 7 7 7 4 1 2 4 6 7 2 2 4 8 8
SAPEROO DOWN JONES 100401 1004	20.480 18.419 7.148 18.419 7.148 19.00 19.00 19.443 19.443 19.47 1	0.5 0.8 0.3 0.3 0.5 0.6 0.1 0.5 0.6 0.1 0.5 0.6 0.1 0.7 0.7 0.9 0.8 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.8	-2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 6 6 1 3 8 4 2 2 1 5 5 4 4 5 5 12 12 15 5 6 6 1 11 7 7 9 5 5 7 7 4 1 13 3 4 4 6 6 7 7 5 5 4 4 1 13 3 3 4 4 6 6 7 7 5 5 4 4 8 8 3 3 8 8 8 8 8 8 8 8 8 8 8 8 8 8
SAPERDO DOWN JONES 100401 1004	20.480 18.419 7,148 18.419 7,148 18.626 19.43 19	0.5 0.8 0.3 0.3 0.5 0.5 0.6 0.9 0.8 0.0 0.8 0.0 0.9 0.8 0.0 0.0 0.5 0.6 0.9 0.8 0.0 0.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.88 3.0 1.1.2 1.1.7 1.5.5 1.1.2 1.2.2 1.1.2 1.1.1 1.1	-2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 8 4 2 1 3 5 4 4 5 5 1 12 5 2 9 9 1 1 6 6 6 1 1 7 7 9 5 5 9 2 2 6 6 1 1 1 7 7 7 4 4 1 2 4 1 3 3 4 6 6 4 2 2 4 8 3 3 Year 5 5
SAPSOO DOWN JONES NAME OF THE STATE OF THE SAME OF THE	20.480 18.419 7.148 18.419 7.148 19.20 11.00 11.	0.5   0.5	0.8 3.0 1.1.1 1.1.	-2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 6 6 1 1 3 8 4 2 2 1 1 3 5 5 4 4 4 5 5 2 2 0 9 1 1 6 6 2 2 5 2 2 6 6 1 1 1 7 7 7 7 4 4 6 7 7 7 4 1 1 3 3 4 1 1 6 4 2 2 4 8 8 3 3 4 2 2 4 8 8 3 3 4 2 2 4 8 8 3 3 4 2 2 4 8 8 3 3 4 2 2 4 8 8 3 3 4 2 2 4 8 8 3 3 4 2 2 4 8 8 3 3 4 2 2 4 8 8 3 3 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3
SAPEROO DOWN JONES 1004000 100400 100400 100400 100400 100400 100400 100400 100400 1004000 100400 100400 100400 100400 100400 100400 100400 100400 1004000 100400 100400 100400 100400 100400 100400 100400 100400 1004000 100400 100400 100400 100400 100400 100400 100400 100400 1004000 100400 100400 100400 100400 100400 100400 100400 100400 1004000 100400 100400 100400 100400 100400 100400 100400 100400 1004000 100400 100400 100400 100400 100400 100400 100400 100400 1004000 100400 100400 100400 100400 100400 100400 100400 100400 1004000 100400 100400 100400 100400 100400 100400 100400 100400 1004000 100400 100400 100400 100400 100400 100400 100400 100400 1004000 100400 100400 100400 100400 100400 100400 100400 100400 1004000 100400 100400 100400 100400 100400 100400 100400 100400 1004000 100400 100400 100400 100400 100400 100400 100400 100400 1004000 100400 100400 100400 100400 100400 100400 100400 100400 1004000 100400 100400 100400 100400 100400 100400 100400 100400 1004000 100400 100400 100400 100400 100400 100400 100400 100400 1004000 100400 100400 100400 100400 100400 100400 100400 100400 1004000 100400 100400 100400 100400 100400 100400 100400 100400 1004000 100400 100400 100400 100400 100400 100400 100400 100400 1004000 100400 100400 100400 100400 100400 100400 100400 100400 10040	20.480 18.419 7.148 18.419 7.148 19.00 19.00 19.43 19.43 19.43 19.43 4.990 19.443 4.970 19.43 4.970 19.43 4.970 19.43 4.970 19.43 4.970 19.43 4.970 19.43 4.970 19.43 4.970 19.43 4.970 19.43 19.43 4.90 19.43 19.	0.5   0.5	0.8 3.0 1.1.0 1.1.1 1.1.	-2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3 6 6 1 3 8 4 2 1 3 5 5 4 5 5 4 3 3 4 4 9 2 7 2 7 4 8 8 3 3 4 4 9 3 3 4 4 9 3 3 4 4 9 3 3 4 9 4 9
SAPERDO DOWN JONES NAME NAME NAME NAME NAME NAME NAME NAME	20.480 18.419 7.148 18.429 19.433 19.490 19.443 64.77 76.774 4.990 19.443 64.77 76.774 1.920 64.77 1.920 1.9	0.5 0.8 0.3 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.8 1.8 3.0 1.17 1.17 1.17 1.17 1.17 1.17 1.17 1.	-2 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	3
SAPSOO DOWN JONES NAME OF SAPSON  NAME OF SAPS	20.480 118.419 7.148 13.410 13	0.5   0.5	0.8	-2 -6 -4 -1 -1 -1 -3 -3 -5 -5 -7 -5 -4 -9 -9 -1 -10 -4 -3 -3 -5 -5 -7 -5 -4 -9 -1 -10 -4 -3 -5 -5 -5 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6	3 8 4 2 2 3 3 3 4 4 4 5 5 12 5 5 2 6 6 11 7 7 7 7 7 4 2 4 6 6 7 7 5 4 4 13 3 3 13 13 13 13 13 13 13 13 13 13 13
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SAPERDO DOWN JONES NAME NAME NAME NAME NAME NAME NAME NAME	20.480 18.419 7.148 18.419 7.148 12.000 19.443 10.490 19.443 10.490 19.443 10.490 19.443 10.490 19.443 10.490 19.443 10.490 19.443 10.490 19.443 10.490 10.443 10.490 10.443 10.490 10.443 10.443 10.490 10.443 10.490 10.443 10.490 10.4	0.5   0.5	0.8	2	3 6 6 1 3 8 8 4 4 4 5 2 9 9 1 6 6 7 7 9 5 6 6 1 1 7 7 9 9 2 2 6 6 6 1 1 1 1 8 8 7 7 4 1 2 2 4 6 6 7 7 9 1 1 3 3 4 1 1 6 6 7 7 7 9 1 1 1 8 8 7 7 7 4 1 1 1 8 8 7 7 7 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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Source: Bloomberg, Datastream and Haver

\* With one day delay

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