

Global Financial Markets Unit 25 Nov 2016

BBVA Research

- The sell-off in the European bond market halted, while the upward trend in the US yield moderated amid high volatility in bond markets across the board. In the US, sovereign yields rose and the yield curve flattened, led by the surge in the 2Y yield as the market fully priced in a rate hike in December and increased the probability of two rate hikes in 2017. In Europe, the German 2Y yield dropped sharply, and markets indicated some scarcity of this bond in the repo market, probably suggesting that investors are hoarding it ahead of the Italian referendum. Moreover, in his hearing before the European Parliament the ECB president showed a dovish tone. Mario Draghi highlighted the positive effect of the monetary contribution to EMU growth, while warning that Brexit and the prospects for Trump's policy are difficult to assess in the short-term because they have long-term impacts. Although the German 10Y yield also declined, the German yield curve steepened. In the European periphery, the risk premium rose in Italy and Spain also due to uncertainty ahead of the Italian referendum, and fell signally in Portugal as the Portuguese government announced an early repayment to the IMF.
- Equity prices continued their upward trend, especially in the US, where they reached a new record high. However, US markets were closed on Thursday for Thanksgiving, and will close early today. Meanwhile increases in European equity markets were more moderate.
- In FX markets, the USD strengthened due to positive US economic data and heightened prospects
 of Fed interest rate hikes in the coming year. Oil prices rose significantly on hopes for a fruitful deal
 among OPEC members in its official meeting in Vienna next week. EM currencies showed mixed
 performances and, in particular, the TRY depreciated significantly despite Turkey's Central Bank raising
 interest rates.

Update 16:30 CET 25 November, 2016 Table 1

BBVA Research

Debt markets	(10Y.%.ch	ances in t	0)		
Developed Markets US (2-yr)		Daily 2.0	Week 7.5	Month 27	YTD
US	1.14 2.36	1.5	1.0	57	9
GER (2-yr) Germany	-0.75 0.23	-1.6 -2.9	-8.2 -4.2	-11 15	-41 -40
France Spain	0.78	-1.6 -3.5	1.5 -3.9	41 43	-21 -22
Italy Portugal	2.07	-5.8 -8.2	-2.0	62	48
Greece	3.59 6.94	-0.4	-26.9 -12.1	38 -135	107 -135
Japan (2-yr) Japan	-0.14 0.04	2.3 0.2	2.7 10.6	11 -22	-13 -22
Emerging Markets Brazil	level 12.08	Daily 19.6	Weekly -2.8	Monthly 82	YTD -443
Chile	4.63	0.0	1.0	43	-5
Colombia Mexico	7.54	0.0	-1.1 	28 130	-112 119
Peru Poland	6.38 3.57	-3.5 -3.8	-7.9 -13.5	66 51	-109 62
Russia	8.87	3.7	5.4	46	-69
T urkey India	10.99 6.23	5.0 4.6	5.4 17.0 -19.6	129 -54	52 -153
Indonesia Country ris	8.32	9.2 es in bp)	49.4	124	-42
Developed Markets	level	Daily	Weekly	Monthly	YTD
10-yr so vereign spread vs Germany France	55	1.3	5.7	26	19
Italy	184	-2.9	2.2	47	88
Portugal Spain	336 133	-5.3 -0.5	-22.7	23 28	147 18
2-yr sovereign spread vs Germany					
France Italy	15 84	-0.3 2.2	8.0 12.0	11 28	12 52
Portugal	114	2.2 2.5	-4.1	23	69
Spain Emerging Markets 5-yr sovereign CDS *	64 level	2.5 Daily	11.1 Weekly	22 Monthly	29 YTD
5-yr sovereign CDS * Brazil	302	1		42	-190
Chile	94	1	-5	8	-32
Colombia Mexico	198 188	0	-4	33 46	-41 18
Peru	124	0	2	26	-61
Venezuela Poland	4,263 83	0	318 -3	999 9	-1781 11
Russia	225	-1	-5	5	-77
Turkey China	289 119	-4 1	3	47	15 10
India Indonesia	144 173	-1	-5	6 25	-4 -53
Ris	173 k indicators	1	-9		
Volatilty indicators (%) VIX	level 13	Daily 1.6	Weekly -2	Monthly -11	YTD -6
VSTOXX	21	4.1	2	12	-1
EM EFT volatility Index Dollar/euro volatility	21 10	-0.8 -6.6	-2 -12	2 40	-7 4
EM FX volatility index Credit spread (BAA) (bps)	11	0.7	1	18	-2
Credit spread (BAA) (bps) US bonds volatility index	248 79	-1.5 0.0	-3 -4	-11 32	-76 16
Banking 5 y CDS (bps) *	level	Daily	Weekly	Monthly	YTD
US EZ	73 132	0.0 -0.4	4	-2 19	-2 49
UK	102	-0.5	0	-2	24
Large Spanish Medium Spanish	143 169	0.0	-1	23 16	6 11
Corporate 5y CDS (bps) *	level	Daily	Weekly	Monthly	YTD
US Non-financial EZ Non-financial	188	0.0 -0.4	4	-2 19	-2 49
UK Non-financial	130	-0.2	-7	-6	-62
Interbank mar	level	Daily	Weekly	Monthly	YTD
EONIA Index	-0.35	0.00	0.0	0.0	-0.2
Euribor 3m Euribor 12m	-0.31 -0.08	0.00	0.0	0.0	-0.2 -0.1
Libor 3m Libor 12m	0.93	0.00	0.0	0.0	0.3
EZ TED spread 3m	48.9	0.90	1.2	-6.3	8.1
Stoc	k markets C				
	Invol	Daily	Weekly	Monthly	YTD
Main indices	2,200	0 all	1 Centry	0	
S&P500 Dow Jones	2.209 19,138	0.2	1.3	3	8 10
S&P500 Dow Jones Nikkel	19,138 18,381	0.2 0.3 0.3	1.3 1.4 2.3	3 5 6	10 -3
S&P500 Dow Jones Nikkel FTSE 100 EuroStoxx 50	19,138 18,381 6,841 3,044	0.2 0.3 0.3 0.2 0.1	1.3 1.4 2.3 1.0 0.8	3	10 -3 10 -7
S&P500 Dow Jones Nikkel FTSE 100 EuroStoxx 50 IBEX	19,138 18,381 6,841 3,044 8,658	0.2 0.3 0.2 0.1 0.0	1.3 1.4 2.3 1.0 0.8 0.4	3 5 -2 -1 -6	10 -3 10 -7 -9
S&P500 Dow Jones Nikel FTSE 100 EuroStoxx 50 IBEX DAX CAC	19,138 18,381 6,841 3,044 8,658 10,680 4,546	0.2 0.3 0.2 0.1 0.0 -0.1 0.1	1.3 1.4 2.3 1.0 0.8 0.4 0.1 0.9	3 5 -2 -1 -6 0 0	10 -3 10 -7 -9 -1 -2
SEP500 Dow Jones Niked FTSE 100 EuroStoxx 50 IBEX DAX CAC MIB	19,138 18.381 6,841 3,044 8,658 10,680 4,546 16,527	0.2 0.3 0.2 0.1 0.0 -0.1 0.1 0.1 0.2	1.3 1.4 2.3 1.0 0.8 0.4 0.1 0.9 1.6	3 5 -2 -1 -6 0	10 -3 10 -7 -9 -1 -2 -23
SCP500 Dowlances Nikod FTSE 100 ExroStoxx 50 IBEX OAX CAC MIB ASE Alterns MSCI Latam *	19,138 18,381 6,841 3,044 8,658 10,680 4,546 16,527 623 72,626	0.2 0.3 0.2 0.1 0.0 -0.1 0.1 0.1 0.2 0.0 -0.6	1.3 1.4 2.3 1.0 0.8 0.4 0.1 0.9 1.6 1.9 1.7	3 5 -2 -1 -6 0 0 -4 6 -5	10 -3 10 -7 -9 -1 -2 -23 -1 22
S&PB00 Dowlones Nikid FTSE 100 EuroStoxx 50 IBEX DAX CAC ACA MEX Alternis MSCI Latam * Ibovengo (Braz0) Methol	19,138 18,381 6,841 3,044 8,658 10,680 4,546 16,527 623 72,626 61,372 45,420	0.2 0.3 0.2 0.1 0.0 -0.1 0.1 0.2 0.0 -0.6 0.0 0.3	1.3 1.4 2.3 1.0 0.8 0.4 0.1 0.9 1.6 1.9 1.7 2.4 2.4	3 5 6 -2 -1 -6 0 0 -4 6 -5 -5 -4 -5	10 -3 10 -7 -9 -1 -2 -23 -1 22 42 6
SAPS00 Dow Jones Niket FTSE 100 EuroStons 50 BIRX DAX DAX SAE Afters MSG EMErus? Motol Motol Motol	19,138 18,381 6,841 3,044 8,658 10,680 4,546 16,527 623 72,626 61,372 45,420 4,665	0.2 0.3 0.2 0.1 0.0 0.1 0.1 0.1 0.2 0.0 0.0 0.0 0.3 0.3	1.3 1.4 2.3 1.0 0.8 0.4 0.1 0.9 1.6 1.9 1.7 2.4 2.4 2.7	3 5 6 -2 -1 -6 0 -4 6 -5 -5 -4 -5 3	10 -3 10 -7 -9 -1 -2 -23 -1 22 -23 -1 22 42 6 10
S4P500 Dow Jones Niket FT55 100 EuroShoux 50 BOX AX AND ASK Affens MBG Latama* Boorgens Glareb Pedida March 1 Model Targe* Pedida Meso Rhonish)	19,138 18,381 6,841 3,044 8,658 10,680 4,546 16,527 623 72,626 61,372 45,420 4,665 1,793 2,098	0.2 0.3 0.2 0.1 0.0 -0.1 0.1 0.2 0.0 -0.6 0.0 0.3 0.3 -0.8 -0.2	1.3 1.4 2.3 1.0 0.8 0.4 0.1 0.9 1.6 1.9 1.7 2.4 2.4 2.7 3.9 2.9	3 5 6 -2 -1 -6 0 0 -4 6 -5 -5 3 1 6	10 -3 10 -7 -9 -1 -2 -23 -1 22 -23 -1 22 -23 -1 22 -23 -1 22 -23 -1 -2 -2 -1 -2 -2 -1 -2 -2 -1 -2 -2 -1 -2 -2 -1 -2 -2 -1 -2 -2 -2 -1 -2 -2 -2 -2 -2 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
SAP500 SAP500 Dew Jones Niket FTSE 100 EuroStock 50 BEX DA AG MB ASE Afters MSC Latam * Ibovesol MSC Latam * Polevid Polevid MSC Common MSC Common MSC Margin MSC Margin MSC Margin MSC Margin MSC Margin	19,138 18,381 6,841 3,044 8,658 10,680 4,546 16,527 623 72,626 61,372 45,420 4,665 1,793	0.2 0.3 0.2 0.1 0.0 -0.1 0.1 0.2 0.0 -0.6 0.0 0.3 0.3 -0.8 -0.2 0.2	1.3 1.4 2.3 1.0 0.8 0.4 0.1 0.9 1.6 1.9 1.7 2.4 2.4 2.7 3.9 2.9 4.7	3 5 6 -2 -1 -6 0 0 -4 6 -5 -5 -4 -5 3 1	10 -3 10 -7 -9 -1 -2 -23 -1 22 42 6 10 -4 19 4
SAP500 Sevions Nikit FIS2 100 Devions 50 BIXX BIXX AV BIXX	19,138 18,381 6,841 3,044 8,658 10,680 4,546 16,527 623 72,626 61,372 45,420 4,665 1,793 2,098 74,363 691 3,262	0.2 0.3 0.2 0.1 0.0 -0.1 0.1 0.2 0.0 -0.6 0.0 0.3 0.3 -0.8 -0.2 -0.5 0.6	1.3 1.4 2.3 1.0 0.8 0.4 0.9 1.6 1.9 1.7 2.4 2.4 2.7 3.9 2.9 -1.7 0.8 2.2	3 5 -2 -1 -6 0 -4 6 -5 3 1 6 -6 5 5 5	10 -3 10 -7 -9 -1 -2 -23 -1 22 -23 -1 22 42 6 10 -4 19 4 5 -8
SAP500 SAP500 Dew Jones Niket FTSE 100 EuroStock 50 BEX DA AG MB ASE Afters MSC Latam * Ibovesol MSC Latam * Polevid Polevid MSC Common MSC Common MSC Margin MSC Margin MSC Margin MSC Margin MSC Margin	19,138 18,381 6,841 3,044 8,658 10,680 4,546 16,527 623 72,626 61,372 4,665 1,793 2,098 74,363 691	0.2 0.3 0.2 0.1 0.0 -0.1 0.1 0.2 0.0 -0.6 0.0 0.3 0.3 -0.8 -0.2 -0.5 0.6 -1.7	1.3 1.4 2.3 1.0 0.8 0.4 0.1 0.9 1.6 1.9 1.7 2.4 2.4 2.7 3.9 2.9 4.7 0.8	3 5 -2 -1 -6 0 0 -4 -5 -5 -4 -5 3 1 6 -6 -5	10 -3 10 -7 -9 -1 -2 -23 -1 22 -23 -1 22 42 6 10 -4 19 -4 5
SaPs00 Dew Jones Niket Dew Jones Dew Jones Dew Jones Dew Jones Dew Jones BEX Dew Jones DAX CAC DAX CAC MSCI Latom * Noted Mobil Mobil Motod Motod Motod Motod Satomay Charlow Satomay	19,138 18,381 6,841 3,044 8,658 10,680 4,546 16,527 623 72,626 61,372 45,626 1,793 2,098 74,363 691 3,262 5,1222 Level 108,7	0.2 0.3 0.3 0.2 0.1 0.0 -0.1 0.1 0.2 0.0 -0.6 0.0 0.3 0.3 -0.8 -0.2 0.2 -0.5 0.6 -1.7 Daily -0.1	1.3 1.4 2.3 1.0 0.8 0.4 0.1 0.9 1.6 1.9 1.7 2.4 2.4 2.7 3.9 2.9 -1.7 0.8 2.2 -1.4 Weekly 1.8	3 5 6 -2 -1 -6 0 0 -4 -5 -5 -5 -5 5 5 5 5 5 5 5 5 5 5 5 5	10 -3 10 -7 -9 -1 -2 -23 -1 22 42 6 10 -4 19 4 5 -8 12 YTD 16
S4P500 Sewiones Nikel File 100 Deviones BEX Moto BEX Moto BEX B	19,138 18,381 6,841 3,044 8,658 10,680 4,546 16,527 623 72,626 61,372 2,098 74,363 691 3,262 5,122 Iove 108,7 78,6 56,6	0.2 0.3 0.3 0.2 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.3 1.4 2.3 1.0 0.8 0.4 0.1 0.9 1.6 1.9 1.7 2.4 2.7 3.9 2.9 -1.7 0.8 2.2 -1.4 Weekly 1.8 1.2 2.0	3 5 6 -2 -1 -6 0 0 0 -4 6 -5 -3 1 6 -6 -5 -5 -5 -5 -5 Monthly 19 14 13	10 -3 10 -7 -9 -1 -2 -23 -1 22 42 6 10 -4 19 4 5 -8 8 12 YTD 16 19 9
S4P500 Dewiones Nikel FFS100 EuroStoors 50 EuroStoors 50 EuroStoors 50 EuroStoors 50 EuroStoors 50 EuroStoors 50 MB MB Mathatist MB Mathatist Mathatist MacRitest MacR	19.138 18.381 6.841 3.044 8.658 10.680 4.546 16.527 623 72.626 61.372 45.420 45.420 45.420 45.420 45.426 1.793 2.098 74.363 691 3.262 5.122 Iovel 108.7 78.6 56.6 20.6	0.2 0.3 0.3 0.2 0.1 0.1 0.1 0.1 0.1 0.1 0.0 -0.6 0.0 0.0 0.3 0.3 -0.8 -0.2 -0.5 0.6 -1.7 Daily -0.1 -0.3 0.2 -0.1 -0.1 -0.1 -0.3 0.3 -0.2 -0.2 -0.2 -0.2 -0.3 -0.2 -0.3 -0.3 -0.3 -0.3 -0.4 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1	1.3 1.4 2.3 1.0 0.8 0.4 0.1 0.9 1.6 1.9 1.7 2.4 2.4 2.4 2.4 2.4 2.9 -1.7 0.8 2.2 -1.7 0.8 0.8 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	3 5 6 -2 -1 -6 0 0 -4 -5 -5 3 1 6 6 -5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 7 19 14 13 22	10 -3 -7 -9 -1 -2 -23 -1 -1 -2 -23 -1 -1 -2 -23 -1 -1 -2 -23 -1 -1 -2 -23 -1 -1 -2 -23 -1 -1 -2 -23 -1 -1 -2 -23 -1 -1 -2 -2 -23 -1 -1 -2 -2 -23 -1 -1 -2 -2 -23 -1 -1 -2 -2 -23 -1 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
SafeBo Niket Niket Niket Niket Niket Niket Niket ForeStons 10 EBX Rock 20 BibX CAC Software MSCI Latam* Nooch Nooch Motor Setting action JPM Classion Motor	19,138 18,381 6,841 3,044 8,658 10,680 4,546 16,527 623 72,626 61,372 45,625 1,793 2,098 74,363 691 3,262 5,122 iecel 108,7 78,66 50,6 20,6 40,9 211,9 21,9 2	0.2 0.3 0.3 0.2 0.1 0.0 -0.1 0.2 0.0 -0.6 0.0 0.3 -0.8 -0.2 0.2 0.2 0.2 0.2 -0.5 0.6 -1.7 Daily -0.1 -0.1 -0.1 0.2 -0.5 0.3 -0.2 -0.5 0.3 -0.2 -0.1 0.2 -0.1 0.3 -0.2 -0.1 0.3 -0.1 0.3 -0.1 0.1 0.2 -0.1 0.1 0.2 -0.1 0.1 0.2 -0.1 0.1 0.2 -0.1 0.2 -0.1 0.2 -0.1 0.2 -0.1 0.2 -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	1.3 1.4 2.3 1.0 0.8 0.4 0.1 0.9 1.6 1.9 1.7 2.4 2.4 2.7 3.9 2.9 -1.7 0.8 2.2 -1.4 Weekly 1.8 1.2 2.0 3.1 1.2 0.8 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	3 5 6 -2 -1 -6 0 -4 6 -5 -4 -5 3 1 6 -5 5 5 5 5 5 5 5 5 5 19 19 14 13 22 22 20	10 -3 10 -7 -9 -1 -2 -2 -2 -2 -1 22 42 6 10 -4 19 4 5 -8 12 YTD 16 19 9 23 29 23 29 18
SePS0 Dewiones Nikel FiE 100 Dewiones Dewiones Dewiones Devines Alto Methol Networks Methol Networks Methol Networks Methol Networks Methol Networks Methol Networks Methol Networks Singhil Con (China) Jaketto Methol Jaketto Methol Networks Networ	19,138 18,381 6,841 3,044 8,658 10,680 4,546 16,527 45,460 16,527 45,420 4,665 1,793 2,098 74,363 691 3,262 5,122 Icvel 108.7 78,66 56,66 20,6 40,9	0.2 0.3 0.3 0.2 0.1 0.0 0.1 0.1 0.2 0.0 0.0 0.3 0.3 0.3 0.3 0.3 0.3 0.4 0.5 0.6 0.6 1.7 0.1 0.1 0.3 0.2 0.5	1.3 1.4 2.3 1.0 0.8 0.4 0.1 0.9 1.6 1.9 1.7 2.4 2.4 2.7 3.9 2.9 -1.7 0.8 2.2 -1.4 Weekly 1.2 2.0 3.1 1.2 0.8 1.2 0.8 1.2 0.9 1.7 0.8 1.7 0.9 1.7 0.8 1.7 0.9 1.7 0.8 1.7 0.8 1.7 0.8 1.7 0.8 1.7 0.9 1.7 0.8 0.9 1.7 0.8 0.9 1.7 0.8 0.9 1.7 0.8 0.9 1.7 0.8 0.9 1.7 0.8 0.9 1.7 0.8 0.9 1.7 0.8 0.9 0.9 1.7 0.8 0.9 0.9 1.7 0.8 0.9 0.9 1.7 0.8 0.9 0.9 1.7 0.8 0.9 0.9 1.7 0.8 0.9 0.9 1.7 0.8 0.2 2.4 1.7 0.8 0.2 1.7 0.8 0.2 0.9 1.7 0.8 1.7 0.8 0.2 1.7 0.8 1.7 0.8 1.7 0.8 1.7 0.8 1.7 0.8 1.7 0.8 1.7 0.8 1.7 0.8 1.7 0.8 1.7 0.8 1.7 0.8 1.7 0.8 1.7 0.8 1.2 2.2 1.4 1.2 2.0 0.3 1.1 1.2 0.8 1.2 0.3 1.1 1.2 0.8 1.2 1.2 0.8 1.2 0.8 1.2 0.8 1.2 1.2 0.8 1.2 1.2 0.8 1.2 1.2 0.8 1.2 1.2 0.8 1.2 1.2 1.2 1.2 0.8 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	3 5 6 -2 -1 -6 0 0 -4 6 -5 -3 1 6 -5 -5 -5 -5 -5 Monthly 19 14 13 222	10 -3 -7 -9 -1 -2 -23 -1 -1 -2 -2 -23 -1 -1 -2 -2 -23 -1 -4 -19 -4 -19 -4 -5 6 -19 -9 -2 -2 -23 -23 -29 -10 -1 -2 -2 -23 -1 -1 -2 -2 -23 -1 -1 -2 -2 -23 -1 -1 -2 -2 -2 -2 -1 -1 -2 -2 -2 -2 -2 -1 -1 -2 -2 -2 -2 -1 -1 -2 -2 -2 -2 -1 -2 -2 -2 -2 -1 -1 -2 -2 -2 -2 -1 -2 -2 -2 -2 -1 -2 -2 -2 -2 -2 -1 -2 -2 -2 -2 -2 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
SAPSO SAPSO Devidores Nikel FSE 100 EuroStanos 50 EuroStanos 70 EuroStanos 70 EuroStanos 70 ACA CAC ACA CAC ACA ASS Affers MSC Latano* Noces 80 MSC Latano* Noces 80 MSC Latano* Noces 90 MSC Latano Noces 90 MSC Latano Noces 90 MSC Latano Noces 90 MSC Latano No No No No No No No No No No No No No	19,138 18,381 6,841 3,044 8,658 10,680 4,546 16,527 623 72,626 61,372 45,420 45,420 45,420 45,420 45,420 108,7 78,66 50,66 20,98 51,222 Icvel 108,7 78,66 40,99 211,9 89,11 55,0 10,8	0.2 0.3 0.3 0.2 0.1 0.0 1 0.0 0.1 0.1 0.1 0.0 0.0 0.0 0	1.3 1.4 2.3 1.4 2.3 1.4 2.3 1.4 2.3 1.4 1.2 2.3 1.9 1.7 2.4 2.7 3.9 1.7 2.4 2.7 3.9 4.7 2.4 2.7 3.9 4.7 2.4 2.7 3.9 4.7 2.4 2.7 3.9 4.7 2.4 2.7 3.9 4.7 2.4 2.7 3.9 4.7 2.4 2.7 3.9 4.7 2.4 2.7 3.9 4.7 2.4 2.7 3.9 4.7 2.4 4.7 2.4 2.7 3.9 4.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1	3 5 6 -2 -1 -6 0 0 -4 -6 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -1 -1 -6 -6 -6 -7 -2 -2 -2 -2 -2 -2 -2 -1 -1 -6 -2 -2 -1 -1 -6 -2 -2 -2 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	10 -3 10 -7 -9 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
SerSeD Dewinnes Niket Dewinnes Executions 50 UEX UEX SerSerSeD UEX ACAC ACAC ACAC ACAC ACAC ACAC ACAC AC	19,138 18,381 6,841 3,044 8,658 10,680 4,546 16,527 623 72,626 61,372 45,420 4,546 51,723 2,098 74,363 691 3,262 5,122 i i i i i i i i	0.2 0.3 0.3 0.2 0.1 0.0 1 0.0 1 0.1 0.1 0.2 0.2 0.2 0.5 0.6 1.7 0.2 0.5 0.6 1.7 0.2 0.5 0.6 1.7 0.2 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	1.3 1.4 1.4 2.3 1.0 0.8 0.4 0.9 1.0 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9	3 5 6 -2 -1 -6 0 -4 -6 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	10 -3 10 -7 -9 -9 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
SePS0 Dewions Nikel File 100 BEX BEX BEX BEX BEX BEX BEX BEX BEX BEX	19,138 18,381 6,841 3,044 8,658 10,680 4,546 16,527 623 72,626 61,372 45,420 45,420 45,420 45,420 45,420 1,793 2,098 74,363 691 3,262 5,122 ievel 108,7 78,6 55,6 20,6 20,6 20,9 211,9 89,11 55,0 10,8 14	0.2 0.3 0.3 0.2 0.1 0.0 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.3 1.4 2.3 1.0 0.8 0.4 0.1 0.9 1.6 1.9 1.9 1.7 2.4 2.7 2.9 2.9 2.9 2.9 2.9 4.1,7 0.8 2.2 2.4 2.3 9 4.1,7 0.8 8 2.2 2.0 8 4.1,14 0.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1	3 5 6 7 7 6 0 0 0 4 6 5 5 3 1 6 6 5 5 5 5 7 19 14 13 22 20 14 13 22 20 4 4 9 11	10 -3 -3 -1 -1 -2 -2 -3 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
S4P500 Dewiones Niket FSE 100 EuroStanz 50 EuroStanz 50 EuroStanz 50 EuroStanz 50 EuroStanz 50 EuroStanz 50 MSC Latanz 50 MSC Latanz 50 MSC Latanz 50 MSC 2015 MSC 20	19,138 18,381 6,841 3,044 8,658 10,680 4,546 16,527 623 72,626 61,372 4,565 1,793 2,098 74,363 691 3,262 5,122 i i i i i i i i	0.2 0.3 0.3 0.2 0.1 0.0 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.2 0.0 0.3 0.3 0.3 0.3 0.3 0.3 0.2 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.4 0.4 0.2 0.3 0.3 0.2 0.3 0.3 0.2 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	1.3 1.4 2.3 1.0 0.8 0.4 1.0 0.9 1.0 0.8 0.4 1.0 0.8 0.4 1.0 1.0 1.0 1.6 1.7 2.4 2.4 2.7 2.7 2.9 4.7 2.7 2.9 4.7 2.7 2.9 4.7 2.7 2.9 4.7 2.7 2.9 4.7 2.7 2.9 4.7 2.7 2.9 4.7 2.7 2.9 4.7 2.7 2.9 4.7 2.7 2.9 4.7 2.7 2.9 4.7 2.7 2.9 4.7 2.7 2.9 4.7 2.7 2.9 4.7 2.7 2.9 4.7 2.7 2.9 4.7 2.7 2.9 4.7 2.9 4.7 2.9 4.7 2.9 4.7 2.9 4.7 2.9 4.7 2.9 4.7 2.9 4.7 2.9 4.7 2.9 4.7 2.9 4.7 2.9 4.7 2.9 4.7 2.9 4.7 2.9 4.7 2.9 2.9 4.7 2.9 4.7 2.9 4.7 2.9 4.7 2.9 4.7 2.9 4.7 2.9 4.7 2.9 4.7 2.9 4.7 2.9 4.7 2.9 4.7 2.9 4.7 2.9 4.7 2.9 2.9 4.7 2.9 2.9 4.7 2.9 2.9 4.7 2.9 2.9 4.7 2.9 2.9 4.7 2.9 2.9 4.7 2.9 2.9 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7	3 5 6 -2 -1 -6 0 0 -4 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	10 -3 10 -7 -9 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
SerSeD Dewinnes Niket Niket Erections 50 Erections 50 Erections 50 Erections 50 Erections 50 MSC Latum *1 Biowegel Anatol MSC Latum	19,138 19,331 6,841 10,830 4,546 10,650 4,546 10,527 72,656 6,372 4,542 0,080 6,1372 4,542 1,793 2,2098 2,098 2,1,2 2,08 8,91 10,87 10,97 10,87 10,97 10,87 10,97 10,87 10,97 10,87 10,97 10,87 10,97 10,87 10,97 10,87 10,97 10,87 10,97 10,87 10,97 10,87 10,97 10,87 10,97 10,87 10,97 10,87 10,	0.2 0.3 0.3 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.3 1.4 2.3 1.4 2.3 1.4 2.3 1.4 2.4 2.4 2.7 2.4 2.7 2.4 2.7 2.9 4.7 2.4 2.7 2.9 4.7 2.4 2.7 1.7 2.4 2.7 2.9 4.7 2.7 2.9 4.7 2.4 2.7 2.9 4.7 2.4 2.7 4.7 2.4 4.2 2.7 4.6 4.7 2.4 4.2 2.7 4.6 4.7 2.4 4.2 4.7 4.7 7.7 2.9 4.7 7.7 7.9 9 4.7 7.7 7.9 9 4.7 7.7 7.9 9 4.7 7.7 7.9 9 7.7 7.7 7.9 9 7.7 7.7	3 5 6 2 1 1 6 0 0 4 6 5 5 3 1 6 6 5 5 5 3 1 6 6 6 5 5 5 7 19 14 13 22 20 4 4 4 9 9 11 16 6 6 6 7 5 5 5 7 7 11 7 8 9 7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	10 -3 -7 -9 -1 -2 -2 -2 -2 -1 -2 -2 -2 -1 -2 -2 -1 -2 -2 -2 -1 -2 -2 -2 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
SAPSO SAPSO Sevions Nikel PSE 100 Devions Devions Devions Devions Devines Also Also Devines De	19,138 19,381 6,841 6,841 10,680 4,546 6,527 7,2626 6,1372 2,096 6,1372 2,096 6,1372 2,096 6,1372 2,096 6,1372 2,096 7,2626 6,1372 2,096 10,87 7,2626 6,1372 2,096 10,87 10,97	0.2 0.3 0.3 0.2 0.1 0.0 1 0.0 0.1 0.1 0.1 0.1 0.2 0.0 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	1.3 1.4 2.3 1.4 2.3 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	3 5 6 -2 -1 -1 -0 0 -4 -4 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -7 -19 10 -11 -14 -11 -14 -6 -6 -6 -6 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	10 -3 -7 -9 -1 -2 -2 -3 -1 -2 -2 -3 -1 -2 -2 -3 -1 -2 -2 -3 -1 -2 -2 -3 -1 -2 -2 -3 -1 -2 -2 -3 -1 -2 -2 -2 -3 -1 -2 -2 -3 -1 -2 -2 -3 -1 -2 -2 -3 -1 -2 -2 -3 -1 -2 -2 -3 -1 -2 -3 -3 -3 -3 -3 -4 -5 -4 -5 -4 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5
SerSo Powiones Nikel File (10) File	19,138 19,331 6,841 6,841 10,680 4,546 6,527 72,526 6,1372 2,692 4,665 7,2527 6,337 2,096 6,1372 2,096 10,87 7,2526 6,1372 2,096 10,87 7,2526 10,87	0.2 0.3 0.3 0.2 0.1 0.0 0.1 0.1 0.1 0.2 0.0 0.2 0.0 0.2 0.0 0.3 0.3 0.3 0.3 0.3 0.2 0.5 0.6 0.0 0.3 0.3 0.2 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	1.3 1.4 1.4 2.3 1.4 1.4 1.4 1.4 1.4 1.4 1.6 1.6 1.9 1.6 1.7 2.4 2.7 2.9 1.7 2.4 2.7 2.9 1.7 2.4 2.7 2.9 1.7 2.9 1.7 2.4 2.7 2.9 1.7 2.4 2.7 2.9 1.7 2.4 2.7 2.9 1.7 2.4 2.7 2.9 1.7 2.4 2.7 2.9 1.7 2.0 8 1.2 2.0 1.8 1.2 2.0 1.2 1.0 8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	3 5 6 -2 -1 -1 -0 0 -4 -4 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -7 -19 -11 -14 -13 -22 -22 -20 -4 -4 -9 -11 -1 -6 -5 -5 -5 -5 -5 -5 -5 -5 -2 -4 -4 -5 -5 -5 -5 -5 -7 -4 -4 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	10 -3 -3 -7 -9 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
SAPSO SAPSO Sevions Nikel FiSE 100 Devions Devions SAPSO SAP	19,138 19,338 16,841 10,830 10,680 4,546 10,680 4,546 10,527 72,526 61,372 2,098 61,372 2,098 61,372 2,098 61,372 2,098 61,372 2,098 61,372 2,098 61,372 2,098 61,372 2,098 10,87 10,87 10,87 10,87 10,87 10,87 10,87 10,87 10,87 10,87 10,87 10,87 10,87 10,87 10,87 10,87 10,88 10,89 10,87	0.2 0.3 0.3 0.2 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.3 1.4 2.3 1.0 0.8 0.4 0.1 0.9 0.9 1.9 0.4 0.1 0.9 1.9 0.4 0.4 0.1 0.9 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	3 5 6 2 1 1 6 0 0 4 6 5 5 3 1 6 6 5 5 5 7 19 10 14 13 22 22 20 14 4 9 9 11 16 6 6 6 5 5 5 14 13 2 14 13 2 2 2 2 2 2 4 4 3 14 16 6 7 9 7 9 7 9 14 16 7 9 7 9 7 9 7 9 7 9 7 9 7 9 7 9 7 9 7	10 3 3 -7 -9 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
SAPSO SAPSO Sevions Nikel PSE 100 Devions Devions SAPSO Devions DA ASSO CAC ASSO DA AS	19,138 19,338 16,841 16,841 10,680 4,546 6,137 6,237 7,2,629 6,1372 7,2,629 6,1372 7,2,629 6,1372 7,2,629 6,1372 7,2,629 6,1372 7,2,629 6,1372 7,2,639 6,137 7,2,639 6,14 7,2,098 6,14 7,2,098 6,14 7,2,098 6,14 7,2,098 10,8,7 7,8,65 7,2,098 10,8,7 7,2,098 6,14 7,2,098 10,8,7 10,9,7 10,9,	0.2 0.3 0.3 0.2 0.1 0.0 0.0 0.1 0.0 0.0 0.1 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.3 1.4 1.4 2.3 1.0 0.8 0.4 0.1 1.0 0.9 0.9 0.9 0.9 1.9 1.9 1.7 2.4 2.7 2.9 2.7 2.9 2.7 2.9 2.7 2.9 2.7 2.9 2.7 2.9 2.7 2.9 2.7 2.9 2.7 2.9 2.7 2.9 2.7 2.9 2.7 2.9 2.7 2.9 2.9 2.7 2.9 2.9 2.7 2.9 2.9 2.7 2.9 2.9 2.7 2.9 2.9 2.7 2.9 2.9 2.7 2.9 2.9 2.7 2.9 2.9 2.7 2.9 2.9 2.7 2.9 2.9 2.9 2.7 2.9 2.9 2.9 2.9 2.9 2.9 2.0 8 2.2 2.0 8 2.0 2.1 2.1 2.0 8 0.8 0.0 1.9 1.9 1.7 1.2 4 2.0 2.0 2.0 2.1 2.1 2.0 0.8 0.8 0.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0	3 5 6 -2 -1 -1 6 0 0 -4 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -1 1 -1 -6 -6 -5 -5 -5 -5 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	10 -3 -1 -7 -9 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
SAP500 SAP500 Nikel Nikel FSE 100 Devi Jones FSE 100 Devi Jones SAP500 Devi Jones SAP5000 Devi Jones SAP5000 Match Match Match Match Match Match SAP5000 Devings1 (Sap00 Match SAP50000 SAP5000 SAP50000 SAP50000 SAP50000 SAP50000 SAP50000 SAP50000 SAP50000 SAP500000 SAP500000 SAP500000 SAP5000000 SAP50000000 SAP500000000 SAP5000000000000000000000000000000000000	19,138 19,338 16,841 16,841 10,680 4,546 61,372 623 72,625 61,372 624 4,420 64,420 64,420 64,420 64,420 64,420 64,420 74,353 66,420 74,353 78,65 76,20 60,1 78,65 78,65 78,20 78,555 78,555 78,5	0.2 0.3 0.3 0.2 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.3 1.4 1.4 2.3 1.0 0.8 0.4 0.1 0.9 0.4 0.1 0.9 0.4 0.1 0.9 0.4 0.1 0.9 0.4 0.1 0.9 0.4 0.7 0.9 0.7 0.7 0.8 0.2 0.2 1.2 0.2 0.2 1.2 0.2 0.2 1.2 0.2 0.2 1.2 0.2 0.2 1.2 0.2 0.2 1.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0	3 5 6 -2 -1 -6 -6 0 0 -4 -6 -5 -5 -4 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -1 -1 -1 -1 -1 -1 -1 -6 -6 -0 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	10 -3 -1 -7 -9 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
SePSO Devions Noted File 100 File 100 File 100 Korso 0 Korso 0	19,138 19,338 18,381 6,841 8,658 4,546 10,680 4,546 10,527 10,680 4,546 6,517 10,827 4,5420 2,098 6,1372 4,5420 2,098 6,1372 2,098 6,1372 2,098 10,827 7,846 6,517 2,098 2,157 2,09 2,157 2,0 2,0 2,0 2,0 2,0 2,0 2,0 2,0	0.2 0.3 0.3 0.2 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.3 1.4 1.4 2.3 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	3 5 6 -2 -1 -1 -6 -5 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7	10 -3 -3 -7 -9 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
SAPSO SAPSO Nikel Nikel Nikel Nikel SAPSO BEX Match Starters BEX Match Starters BEX BEX Collabera BeX Calabera BeX Calabera BeX Calabera Starter BEX Ander Starter BeX Ander Starter BeX Ander Starter BeX Ander Starter BeX	19,138 19,338 18,381 6,841 8,658 4,546 10,680 4,546 10,680 4,546 5,122 2,098 74,363 2,098 74,363 2,098 74,365 56,6 56,6 56,6 56,6 56,6 56,20 66,41,7 20,0 85,50 10,87 20,0 85,50 10,87 20,0 85,50 20,0 20	0.2 0.3 0.3 0.2 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.3 1.4 1.4 2.3 1.4 1.4 2.3 1.4 1.4 1.4 1.4 1.4 1.0 0.4 0.4 0.4 0.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1	3 5 6 -2 -1 -1 -6 -0 0 -4 -6 -5 -3 -1 -6 -6 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -1 -4 -6 -6 -6 -7 -4 -6 -7 -4 -6 -7 -7 -4 -6 -7 -7 -4 -6 -7 -7 -7 -6 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7	10 -3 -3 -7 -9 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
Sarsao Sarsao Nikot Nikot Nikot Nikot Nikot Sarsao Nikot	19.138 19.338 6.841 8.6581 8.6584 4.5467 72.656 6.1372 4.5420 72.656 6.1372 4.5420 72.656 6.1372 4.5420 6.1372 4.5420 5.122 2.098 74.363 5.122 2.098 74.363 5.122 2.098 74.54 74.54 74.55 75.55	0.2 0.3 0.3 0.2 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.3 1.4 1.4 2.3 1.4 1.4 2.3 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	3 5 6 -2 -1 -6 -6 0 0 -4 -6 -5 -3 -4 -6 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	10 -3 -3 -1 -7 -9 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
SAPSOD SAPSOD SAPSOD Nikol Pist (10) CA SAPSOD SAPS	19.138 19.338 16.841 16.841 16.821 16.821 16.821 16.827 17.2626 16.322 45.420 61.322 45.420 45.42	0.2 0.3 0.3 0.2 0.2 0.1 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.3 1.4 1.4 2.3 1.4 1.4 2.3 1.4 1.4 2.3 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	3 5 6 -2 -1 -1 6 -6 -0 0 -4 -4 -8 -3 -3 -1 -4 -3 -3 -1 -6 -6 -6 -6 -6 -6 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7	10 -3 -3 -7 -9 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
SAPSOD SAPSOD SAPSOD Nikel SAPSOD Nikel SAPSOD SAP	19.138 19.338 16.341 6.541 16.327 16.527 17.2526 16.327 45.420 61.372 45.420 61.420	0.2 0.3 0.3 0.2 0.2 0.1 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.3 1.4 1.4 2.3 1.4 1.4 2.3 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	3 5 6 2 2 1 4 6 6 4 4 5 5 3 1 6 6 5 5 3 1 6 6 6 5 5 3 1 1 6 6 6 5 5 5 3 1 1 6 6 4 7 5 5 3 1 1 6 6 7 5 5 3 1 1 6 6 6 7 7 7 7 7 8 7 8 7 7 8 7 8 7 8 7 8	10 -3 -3 -7 -9 -1 -7 -9 -1 -7 -9 -1 -7 -9 -1 -7 -9 -7 -9 -1 -7 -7 -9 -7 -7 -9 -1 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
SePSO Sevions Nover Nover Sevions Nover Sevions Sevio	19.138 19.331 6.841 10.650 10.650 6.841 10.650 10.650 10.650 10.650 10.7200 10.7200 10.7200 10.7200 10.7200 10.7200 10.7200 1	0.2 0.3 0.3 0.2 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	1.3 1.4 1.4 2.3 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	3 5 6 2 1 1 6 0 0 0 4 6 5 5 5 5 5 5 5 5 5 7 19 14 13 22 22 0 4 4 11 13 22 22 20 4 4 4 11 11 6 6 6 5 5 5 5 5 5 5 5 5 7 7 1 7 1 6 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	10 -3 -3 -7 -9 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
SAPSOD SAPSOD SAPSOD Nikel SAPSOD Nikel SAPSOD SAP	19.138 19.338 16.341 6.541 16.327 16.527 17.2526 16.327 45.420 61.372 45.420 61.420	0.2 0.3 0.3 0.2 0.2 0.1 0.1 0.2 0.0 0.1 0.1 0.2 0.0 0.0 0.3 0.3 0.3 0.3 0.3 0.3 0.2 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	1.3 1.4 1.4 2.3 1.4 1.4 2.3 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	3 5 6 2 2 3 4 6 6 5 5 5 1 1 6 6 5 5 5 1 1 6 6 5 5 1 1 8 6 7 5 1 1 1 2 2 2 0 1 1 1 3 2 2 2 2 0 4 4 5 5 5 5 5 5 5 5 7 1 1 8 6 6 7 9 1 1 1 8 6 6 7 9 1 1 1 8 6 7 9 1 1 1 8 6 7 5 7 7 1 1 8 6 7 9 1 1 8 7 9 1 1 8 7 9 1 1 1 8 7 9 1 1 1 1 8 7 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10 -3 -1 -7 -9 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
SAPSO SAPSO Seviors Nikel Nikel Nikel Nikel SAPSO BXX SAPSO BXX BXS	19.138 19.331 6.841 10.650 6.841 10.650 6.231 7.2,552 2.098 6.5420 6.55200 6.552000 6.552000 6.552000 6.55200000000000000000000000000000000	0.2 0.3 0.3 0.2 0.2 0.1 0.1 0.2 0.0 0.1 0.1 0.2 0.0 0.0 0.3 0.3 0.3 0.3 0.3 0.3 0.2 0.0 0.0 0.3 0.3 0.3 0.3 0.2 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	1.3 1.4 1.4 2.3 1.4 1.4 2.3 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	3 5 6 7 7 7 8 6 8 7 8 7 8 9 14 6 5 5 5 7 8 3 1 1 6 6 5 5 5 7 19 14 13 22 22 22 10 19 14 13 22 22 22 20 19 14 4 4 4 4 4 4 11 6 6 6 7 5 5 5 7 7 1 13 13 22 22 22 20 11 13 13 13 13 13 13 13 13 13 13 13 13	10
SePSO Sevions Devions Need Period Sevions Sev	19.138 19.331 6.841 10.630 10.632	0.2 0.3 0.3 0.3 0.2 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.5 0.5 0.6 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	1.3 1.4 1.4 1.4 2.3 1.4 2.5 0.6 0.4 0.6 0.4 0.9 0.1 0.9 0.1 0.9 0.1 0.9 0.1 0.9 0.1 0.9 0.1 0.9 0.1 0.9 0.1 0.9 0.1 0.1 0.9 0.1 0.9 0.1 0.1 0.9 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	3 5 6 2 2 3 4 6 6 5 5 4 4 5 5 5 5 5 1 1 1 6 6 5 5 7 1 9 14 1 3 1 1 3 2 2 2 0 14 4 4 4 13 2 2 2 2 0 11 1 6 6 5 5 5 5 7 19 14 13 2 2 2 2 0 19 14 13 2 2 2 2 2 0 19 14 13 13 2 2 2 2 2 11 13 13 2 2 2 2 2 11 13 13 2 2 2 2	10 -3 -3 -1 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7
SAPSO SAPSO SAPSO Nikel Nikel Nikel SAPSO	19,138 19,331 6,841 10,630	0.2 0.3 0.3 0.3 0.1 0.1 0.1 0.1 0.1 0.1 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.3 1.3 1.4 2.3 1.4 2.3 1.4 2.3 1.4 2.5 1.4 1.4 2.5 1.4 1.4 1.4 1.4 1.4 1.6 1.7 2.4 2.4 2.4 2.4 2.4 2.4 2.4 2.4	3 5 6 2 -1 -1 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	10
SAPSO SAPSO SAPSO Nikel Nikel SAPSO Nikel SAPSO NAND SAPSO SAPSO<	19,138 19,331 6,241 10,630	0.2 0.3 0.3 0.3 0.3 0.1 0.1 0.1 0.1 0.1 0.1 0.2 0.0 0.0 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	1.3 1.4 1.4 2.3 0.4 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	3 5 6 7 7 8 6 8 9 9 9 10 14 6 6 8 3 1 6 8 8 3 1 1 6 8 3 3 1 1 6 8 8 3 1 1 6 8 5 5 5 3 3 1 1 6 8 5 5 5 5 5 5 5 7 1 1 6 8 7 8 3 1 1 6 8 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	10 -3 -3 -7 -9 -7 -9 -1 -2 -2 -2 -2 -4 -4 -2 -2 -2 -4 -4 -4 -2 -2 -2 -4 -4 -2 -2 -2 -4 -4 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
SAPSO SAPSO Nikel Machan Stant Stan	19.138 19.331 6.241 6.241 10.620 6.251 10.620 10.521 10.620 10.521 10.620 10.521 10.621 1	0.2 0.3 0.3 0.3 0.3 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	1.3 1.4 1.4 1.4 2.2 0.8 0.4 0.9 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	3 5 6 2 2 1 4 6 6 7 3 1 1 6 6 6 3 3 1 1 6 6 6 5 5 3 1 1 6 6 6 5 5 3 1 1 6 6 6 5 5 3 1 1 6 6 6 7 1 1 1 1 1 1 1 1 1 1 1 1 1	10 3 3 10 7 4 4 2 2 3 4 4 2 2 2 3 4 4 2 2 2 4 2 2 3 4 2 2 2 2 3 4 4 2 2 2 2 2 2 2 2 2 2 2 2 2
SAPSO SAPSO SAPSO Nikel Nikel SAPSO	19,138 19,331 6,841 10,630	0.2 0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.2 0.0 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	1.3 1.4 1.4 1.4 2.3 0.8 0.4 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	3 5 6 6 7 1 6 6 0 0 4 4 5 3 1 6 6 6 4 5 5 5 5 5 5 5 5 5 5 5 5 5	10 3 10 7 9 9 1 2 2 2 3 1 1 2 2 2 2 1 1 2 2 2 2 1 1 2 2 2 2 1 1 2 2 2 2 1 1 2 2 2 2 1 1 2 2 2 2 1 1 2 2 2 2 1 1 2 2 2 2 1 1 2 2 2 2 2 1 1 2 2 2 2 2 1 1 4 2 5 5 5 2 2 2 2 1 1 4 2 2 2 2 2 1 1 4 2 5 5 5 5 5 2 2 2 2 2 2 2 2 1 1 4 2 5 5 5 5 5 2 2 2 2 2 2 2 2 2 2 2 2 2
SAPSO SAPSO Novel ones SAPSO AND	19,138 19,331 6,841 10,630 10,630 10,630 10,630 10,520	0.2 0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.1 0.1 0.1 0.1 0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	1.3 1.3 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	3 5 6 2 2 1 4 6 6 7 3 1 1 6 6 6 3 3 1 1 6 6 6 5 5 3 1 1 6 6 6 5 5 3 1 1 6 6 6 5 5 3 1 1 6 6 6 7 1 1 1 1 1 1 1 1 1 1 1 1 1	10 3 3 10 7 7 9 9 12 22 23 1 12 22 23 1 12 22 23 1 12 22 23 1 12 22 23 1 12 22 23 1 12 22 23 1 12 22 23 1 12 22 23 1 12 22 23 1 12 22 23 1 12 22 23 1 14 22 22 23 1 14 22 22 23 1 14 22 22 23 1 14 22 22 23 1 14 22 22 23 1 14 22 22 23 1 14 22 22 23 1 14 25 5 0 3 24 25 20 20 20 20 20 20 20 20 20 20
SAPSO SAPSO Nikel	19.138 19.331 6.841 10.620 6.84546 16.527 71.376 2.098 71.376 2.098 71.376 2.098 71.376 2.098 71.376 2.098 71.376 2.098 71.376 2.098 71.376 2.098 71.376 2.098 71.376 2.098 71.376 2.098 72.5 2.098 70.5 2.098 72.5 2.098 70.5 2.098 70.5	0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	1.3 1.3 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	3 5 6 2 1 6 0 0 4 6 6 7 4 6 6 4 5 5 5 5 5 5 5 5 5 5 5 5 5	$\begin{array}{c} 10\\ 3\\ 3\\ 10\\ 7\\ 7\\ 9\\ 4\\ 1\\ 2\\ 22\\ 1\\ 2\\ 2\\ 2\\ 2\\ 2\\ 2\\ 2\\ 2\\ 2\\ 2\\ 2\\ 2\\ 2\\$
	19,138 19,331 6,841 10,630 10,630 8,546 10,652 10,552	0.2 0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	1.3 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	3 5 6 2 1 6 6 0 0 4 4 5 3 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5	10 3 3 10 7 9 9 1 2 2 2 3 1 2 2 2 3 1 2 2 2 3 1 2 2 2 3 1 2 2 2 3 1 2 2 2 3 1 2 2 2 3 1 2 2 2 3 1 2 2 2 3 1 2 2 2 3 1 2 2 2 3 1 2 2 2 3 1 2 2 2 3 1 2 2 2 3 1 4 2 5 5 5 5 5 5 5 5 5 5 5 5 5
	19,138 19,331 6,841 10,630 10,630 10,630 10,630 10,630 10,520	0.2 0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	1.3 1.3 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	3 5 6 6 7 7 8 8 8 1 1 1 1 1 1 1 1 2 2 2 0 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5	$\begin{array}{c} 10\\ 3\\ 10\\ 7\\ 7\\ 9\\ 4\\ 1\\ 2\\ 23\\ 1\\ 1\\ 2\\ 2\\ 2\\ 2\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\$
SAPSO SAPSO Nood Mobil Mobil Nood Sampalin Con (Chua) Sampalin C	19.138 19.331 6.241 6.241 10.620 6.251 6.252	0.2 0.2 0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	1.3 1.3 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	3 5 6 6 7 7 8 6 9 9 14 6 6 5 5 14 6 6 4 4 3 1 1 1 6 6 5 5 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2	10 3 10 7 7 4 4 2 2 2 2 2 2 2 2 2 2 2 2 2
SAPSO SAPSO Novel ones Motol Ones Motol Ones Novel ones Novel ones Novel ones Statuto (novel ones Statuto (novel ones Statuto (novel ones Jama of diversion Diversion (novel ones Bol Ones Colladores Jama of diversion Diversion (novel ones Statuto (novel ones Colladores Statuto (novel ones Statuto (novel ones <td< td=""><td>19.138 19.331 6.841 10.630 6.8454 10.650 6.8558 10.660 6.8558 10.650 6.8558 10.650 10.65700 10.65700 10.65700 10.65700 10.65700 10</td><td>0.2 0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5</td><td>1.3 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4</td><td>3 5 6 6 7 7 8 6 6 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8</td><td>10 3 10 7 7 9 9 1 2 2 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2</td></td<>	19.138 19.331 6.841 10.630 6.8454 10.650 6.8558 10.660 6.8558 10.650 6.8558 10.650 10.65700 10.65700 10.65700 10.65700 10.65700 10	0.2 0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	1.3 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	3 5 6 6 7 7 8 6 6 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8	10 3 10 7 7 9 9 1 2 2 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2
SAPSO SAPSO Powjones Dewjones Nikel Dewjones SAPSO Nikel SAPSO SA	19.138 19.331 6.841 10.630 6.845 10.632	0.2 0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	1.3 1.3 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	3 5 6 6 7 1 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10 3 10 7 7 4 4 2 2 3 11 7 7 4 2 2 2 3 1 2 2 2 2 3 1 2 2 2 2 3 1 2 2 2 2 3 1 2 2 2 2 3 1 2 2 2 2 3 1 2 2 2 2 3 1 2 2 2 2 3 1 2 2 2 2 3 1 2 2 2 2 3 1 2 2 2 2 3 1 2 2 2 3 2 2 2 3 2 2 2 3 2 2 2 3 2 2 2 3 2 2 2 3 2 2 3 2 2 3 2 2 3 2 3 2 2 3 2 3 2 2 3 2 3 2 3 2 3 2 3 2 3 2 3 3 4 4 4 5 5 5 0 3 2 2 3 3 4 4 4 5 5 0 3 2 2 3 3 4 4 4 5 5 0 3 2 2 3 3 4 4 4 5 5 0 3 2 2 3 3 4 4 4 5 5 0 3 2 2 3 3 4 5 1 5 0 3 2 2 3 3 4 5 1 5 0 3 2 2 3 3 4 5 1 5 0 2 2 3 3 2 2 3 3 4 5 1 5 0 5 0 3 2 2 3 3 4 5 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPSO SAPSO Nover	19.138 19.331 6.241 6.241 10.620 6.252 10.620 10.527 1	0.2 0.2 0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	1.3 1.3 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	3 5 6 6 7 7 8 9 9 14 6 6 7 9 14 1 1 6 6 7 1 1 1 6 7 1 1 1 1 6 7 1 1 1 6 7 1 1 1 6 7 1 1 1 6 7 1 1 1 6 7 1 1 1 1 1 6 7 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2	10 3 10 7 7 4 4 2 2 2 12 2 2 2 2 2 2 2 2 2 2 2 2 2
	19.138 19.331 6.841 10.600 6.8518 10.600 6.8518 10.600 10.5257 6.1372 4.665 10.5257 6.1372 4.665 10.527 10.7298 6.1372 10.6 10.2798 6.1372 10.6 10.8 10.6 10.6 10.6 10.2757 10.6 10.2 10.6 10.6 10.2 10.6 10.7 10.6 10.7 10.6 10.7 10.6 10.7 10.6 10.7 10.6 10.7 10.6 10.7 10.6 10.7 10.6 10.7 1	0.2 0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	1.3 1.3 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	3 5 6 6 7 7 8 6 0 0 0 0 6 5 3 1 6 6 8 5 7 3 1 1 6 6 8 5 7 3 1 1 6 6 8 5 7 1 1 1 1 1 1 6 6 8 5 5 7 1 1 1 1 6 6 8 5 5 7 1 1 1 6 6 8 5 5 7 1 1 6 6 8 5 5 7 1 1 6 6 8 5 5 7 1 1 6 6 6 8 5 5 7 1 1 1 6 6 8 5 5 7 1 1 1 6 6 8 5 5 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10 3 11 7 7 7 4 2 2 3 11 7 7 7 7 2 2 3 11 2 2 2 2 2 3 1 2 2 2 2 2 2 2 2 2 2 2 2 2
SAPSO SAPSO Nover Motor Nover	19.138 19.331 6.241 6.241 10.620 6.252 10.620 10.527 1	0.2 0.2 0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	1.3 1.3 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	3 5 6 6 7 7 8 9 9 14 6 6 7 9 14 1 1 6 6 7 1 1 1 6 7 1 1 1 1 6 7 1 1 1 6 7 1 1 1 6 7 1 1 1 6 7 1 1 1 6 7 1 1 1 1 1 6 7 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2	10 3 10 7 7 4 4 2 2 2 12 2 2 2 2 2 2 2 2 2 2 2 2 2





D ebt Developed Markets	markets (10Y, %, ct	anges in t	pp) Week	Month	YTD
US (2-yr) US	1.14	2.0 1.5	7.5 1.0	27 57	9
GER (2-yr) Germany	-0.75 0.23	-1.6 -2.9	-8.2 -4.2	-11 15	-41 -40
France Spain	0.78	-1.6	1.5	41 43	-21
Italy Portugal	2.07 3.59	-5.8 -8.2	-2.0 -26.9	62 38	48 107
Greece Janan (2-vr)	6.94 -0.14	-0.4 2.3	-12.1	-135 11	-135 -13
Japan Emerging Markets	0.04 level	0.2 Daily	10.6 Weekly	-22 Monthly	-22 YTD
Brazil Chile	12.08 4.63	19.6 0.0	-2.8 1.0	82 43	-443 -5
Colombia Mexico	7.54	0.0	-1.1 14.4	28 130	-112 119
Peru Poland	6.38	-3.5	-7.9	66 51	-109
Russia	3.57 8.87	-3.8 3.7	5.4	46	62 -69
Turkey India	10.99 6.23	5.0 4.6	17.0 -19.6	129 -54	52 -153
Indonesia Co	8.32 ountry risk (bp, chang	9.2 es in bp)	49.4	124	-42
Developed Markets 10-yr sovereign spread vs Germ	level	Daily	Weekly	Monthly	YTD
France Italy	55 184	1.3	5.7	26 47	19 88
Portugal Spain	336 133	-2.9 -5.3 -0.5	2.2 -22.7 0.4	23 28	147
2-yr sovereign spread vs Germa France	ny 15		8.0	11	
Italy	84	-0.3 2.2	12.0	28	12 52
Portugal Spain	114 64	2.5 2.5	-4.1 11.1	23 22	69 29
Emerging Markets 5-yr sovereign CDS *	level	Daily	Weekly	Monthly	YTD
Brazil Chile	302 94	1	-4	42	-190 -32
Colombia Mexico	198 188	0	-4	33 46	-41
Peru	124	0	2	26	-61
Venezuela Poland	4.263 83	0	318 -3	999 9	-1781 11
Russia Turkey	225 289	-1 -4	-5 3	5 47	-77
China India	119 144	1	1	14 6	10 -4
Indonesia	173 Risk indicators	-4	-5	25	-53
Volatilty indicators (%)	level 13	Daily 1.6	Weekly	Monthly -11	YTD -6
VSTOXX	21	4.1	2	-11	-4
EM EFT volatility Index Dollar/euro volatility	21 10	-0.8 -6.6	-2 -12	2 40	-7
EM FX volatility index Credit spread (BAA) (bps)	11 248	0.7 -1.5	-3	18 -11	-2 -76
US bonds volatility index Banking 5 y CDS (bps) *	79 Icvel	0.0 Daily	-4 Weekly	32 Monthly	16 YTD
US EZ	73	0.0	4 0	-2 19	-2 49
UK	132 102	-0.4 -0.5	0	-2	24
Large Spanish Medium Spanish	143 169	0.0 0.8	-1 -4	23 16	6 11
Corporate 5y CDS (bps) * US Non-financial	level 188	Daily 0.0	Weekly 4	Monthly -2	YTD -2
EZ Non-financial UK Non-financial	109	-0.4	0	19	49 -62
Inter		anges in b			
EONIA Index	-0.35	Daily 0.00	Weekly 0.0	Monthly 0.0	YTD -0.2
Euribor 3m Euribor 12m	-0.31 -0.08	0.00	0.0	0.0	-0.2 -0.1
Libor 3m Libor 12m	0.93	0.00	0.0	0.0 0.1	0.3
EZ TED spread 3 m	48.9	0.90	1.2	-6.3	8.1
Main indices	Stock markets (%) Daily	Weekly	Monthly	YTD
					8
S&P500	2,209	0.2	1.3	3	
S&P500 Dow Jones Nikkei	2,209 19,138 18,381	0.2 0.3 0.3	1.3 1.4 2.3	5	10 -3
S&P500 Dow Jones Nikkei FTSE 100 EuroStoxx 50	2.209 19.138 18.381 6.841 3.044	0.2 0.3 0.3 0.2 0.1	1.3 1.4 2.3 1.0 0.8	5 6 -2 -1	10 -3 10 -7
S&P500 Dow Jones Nikkei FTSE 100 EuroStoxx 50 IBEX DAX	2,209 19,138 18,381 6,841 3,044 8,658 10,680	0.2 0.3 0.2 0.1 0.0 -0.1	1.3 1.4 2.3 1.0 0.8 0.4 0.1	5 6 -2 -1 -6 0	10 -3 10 -7 -9 -1
S&P500 Dow Jones Nikkei FTSE 100 EuroStoxx 50 IBEX DAX CAC MIB	2,209 19,138 18,381 6,841 3,044 8,658 10,680 4,546 16,527	0.2 0.3 0.2 0.1 0.0 -0.1 0.1 0.1 0.2	1.3 1.4 2.3 1.0 0.8 0.4 0.1 0.9 1.6	5 6 -2 -1 -6 0 0 -4	10 -3 10 -7 -9 -1 -2 -23
S&P500 Dow Jones Nikkei FTSE 100 EuroStoxx 50 IBEX DAX CAC MIB ASE Athens MSCI Latam *	2.209 19.138 18.381 6.841 3.044 8.658 10.680 4.546 16.527 623 72.626	0.2 0.3 0.2 0.1 0.0 -0.1 0.1 0.2 0.0 -0.6	1.3 1.4 2.3 1.0 0.8 0.4 0.1 0.9 1.6 1.9 1.7	5 6 -2 -1 -6 0 0 -4 6 -5	10 -3 10 -7 -9 -1 -2 -23 -1 22
S&P500 Dow Jones Nikol FISE 100 EuroStoxx 50 IBEX DAX CAC MB ASE Athens MB Clatam * Ibovespa (Brazi) Mexbol	2.209 19,138 18,381 6.841 3.044 8.658 10,680 4.546 16,527 623 72,626 61,372 45,420	0.2 0.3 0.2 0.1 0.0 -0.1 0.1 0.2 0.0 -0.6 0.0 0.3	1.3 1.4 2.3 1.0 0.8 0.4 0.1 0.9 1.6 1.9 1.7 2.4 2.4	5 6 -2 -1 6 0 4 6 -5 4 -5	10 -3 10 -7 -9 -1 -2 -23 -1 22 -42 6
SAF9500 Dow Jones Nikkci FTSE 100 EuroStoxx 50 IBEX DAX CAC MBB ASE Athens MSCL Latam* Tibovespa (Brazil) Mextod MSCL EM Europe*	2.209 19,138 18,381 6,841 3,044 8,658 10,680 4,546 16,527 623 72,626 61,372 45,420 4,665	0.2 0.3 0.2 0.1 0.0 -0.1 0.1 0.2 0.0 -0.6 0.0 0.3 0.3	1.3 1.4 2.3 1.0 0.8 0.4 0.1 0.9 1.6 1.9 1.7 2.4	- -2 -1 -6 -0 -0 -4 -5 -5 -4 -5 -3	10 -3 10 -7 -9 -1 -2 -23 -1 -2 -23 -1 -22 -23 -1 -22 -23 -1 -22 -23 -1 -1 -2 -23 -1 -1 -2 -23 -1 -1 -2 -2 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
S&P500 Dow Jones Näxid FTSE100 EuroStock 50 IBRX DAX S&Atmens MSG MSCIM Morel MSCIME MSCIME Mostol Mostol Mescharz Mostol Mescharz Mescharz	2.209 19.138 18.381 6.841 3.044 8.658 10.680 4.546 16.527 623 72.626 61.372 45.420 4.665 1.793 2.098	0.2 0.3 0.2 0.1 0.0 -0.1 0.1 0.2 0.0 -0.6 0.0 0.3	1.3 1.4 2.3 1.0 0.8 0.4 0.1 0.9 1.6 1.9 1.7 2.4 2.4 2.7	5 6 -2 -1 6 0 4 6 -5 4 -5	10 -3 10 -7 -9 -1 -2 -23 -1 22 -42 6
S&P500 Dow Jones Nikel FJS T00 Exections 50 Exections 50 Exections 50 Exections 50 Exections 50 MBS Catam* Iboregas (Rest) MBS Catam* Iboregas (Rest) MBS Catam* Iboregas (Rest) Iboregas (Res	2.209 19.138 18.381 6.841 3.044 8.658 10,680 4.546 16,527 623 72,626 61.372 4.565 1.793 2.098 74,363 691	0.2 0.3 0.2 0.1 0.0 -0.1 0.1 0.2 0.0 -0.6 0.0 0.3 0.3 0.3 -0.8 -0.2 0.2 -0.5	1.3 1.4 2.3 1.0 0.8 0.4 0.1 0.9 1.6 1.9 1.7 2.4 2.4 2.7 3.9 2.9 4.1.7 0.8	5 6 -2 -1 -6 0 0 -4 6 -5 -4 -5 3 1 6 -6 -5	10 -3 10 -7 -9 -1 -2 -23 -1 -22 -23 -1 -22 -23 -1 -22 -23 -1 -1 -2 -23 -1 -1 -2 -23 -1 -1 -2 -23 -1 -1 -2 -2 -1 -2 -2 -1 -1 -2 -2 -2 -1 -1 -2 -2 -2 -1 -2 -2 -2 -1 -2 -2 -2 -1 -2 -2 -2 -2 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
S&P500 Dow Jones TSE 100 Exections 50 Exections 50 Exections 50 Exections 50 Exections 50 Exections 50 MBS Call Laters * MBS Call Atters *	2.209 19.138 18.381 6.841 3.044 8.658 10,650 4.546 16,527 623 72,626 61,372 45,420 4,665 1.793 2.098 74,363	0.2 0.3 0.3 0.2 0.1 0.0 -0.1 0.2 0.0 -0.6 0.0 0.3 0.3 -0.8 -0.2 0.2 -0.5 0.6 -1.7	1.3 1.4 2.3 1.0 0.8 0.4 0.9 1.6 1.9 1.7 2.4 2.7 3.9 2.9 4.7 0.8 2.2 -1.4	5 6 -2 -1 -6 0 0 -4 -5 -4 -5 -3 1 6 -6 -5 5 -5 -5	10 -3 10 -7 -9 -1 -2 -23 -1 -2 -23 -1 -2 -23 -1 -2 -2 -23 -1 -1 -2 -2 -23 -1 -1 -2 -2 -2 -1 -1 -2 -2 -1 -1 -2 -5 -1 -2 -2 -1 -1 -2 -2 -1 -1 -2 -2 -1 -1 -2 -2 -1 -2 -2 -1 -2 -2 -1 -2 -2 -1 -2 -2 -1 -2 -2 -1 -2 -2 -1 -2 -2 -1 -2 -2 -1 -2 -2 -1 -2 -2 -1 -2 -2 -1 -2 -2 -1 -2 -2 -2 -1 -2 -2 -2 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
S&P500 Down Jones Naket FISE 10:0 EuroShoox 50 EuroShoox 50 EuroShoox 50 EuroShoox 50 EuroShoox 50 MBC ASC Athens MSC Latan* Hooxepag Ginzello MSC Latan* Hooxepag Ginzello MSC BAL March Ginz Com Chana) Jakarta (Indonesia) EuroShoog exector Bandang exector	2.209 19,138 18,381 18,381 18,381 10,680 4.546 16,527 623 72,626 61,372 45,420 45,625 1,793 2,098 74,363 691 3,262 5,122 iso 108,7	0.2 0.3 0.3 0.2 0.1 0.0 -0.1 0.2 0.0 -0.6 0.0 0.3 0.3 -0.8 -0.2 0.2 -0.5 0.6 -1.7 Daily -0.1	1.3 1.4 2.3 1.0 0.8 0.4 0.1 0.9 1.6 1.9 1.7 2.4 2.7 3.9 2.9 -1.7 0.8 2.2 -1.4 Weekly 1.8	5 6 -2 -1 -6 0 -4 6 -5 -5 3 1 6 -6 -5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 7 19	10 -3 -3 -7 -9 -1 -2 -23 -1 -2 -2 -23 -1 -1 -2 -2 -23 -1 -1 -2 -2 -23 -1 -1 -2 -2 -23 -1 -1 -2 -2 -2 -2 -3 -1 -2 -2 -2 -2 -3 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
SAP500 Devy Jones Nobel Nobel Eventions 0 Eventions 0 BEX Eventions 0 BEX DAX CAC DAX CAC ASC Athens MSCI DA Leope ¹ Horopagi (Brazi) Machol	2.209 19,138 18,381 6,841 3,044 8,658 10,660 4,546 16,527 623 72,626 61,372 45,420 4,665 1,793 2,098 74,363 691 3,262 5,122 Leval 108,7 78,6 55,6	0.2 0.3 0.3 0.2 0.1 0.1 0.1 0.2 0.0 -0.6 0.0 0.3 0.3 -0.8 -0.2 0.2 -0.5 0.6 -1.7 Daily -0.1 -0.1 -0.1 -0.2	1.3 1.4 2.3 1.0 0.8 0.4 0.1 0.9 1.6 1.9 1.7 2.4 2.7 3.9 2.9 2.9 2.9 4.7 0.8 2.2 4.7 0.8 2.2 4.7 0.8 2.2 4.7 0.8 2.2 4.7 0.8 2.2 4.7 0.8 2.2 4.7 0.8 2.2 4.7 0.8 2.2 2.3 1.0 0.9 1.7 0.8 1.0 0.9 1.7 0.8 1.9 1.7 0.8 1.9 1.7 0.8 1.9 1.7 0.8 1.9 1.7 0.8 1.9 1.7 0.8 1.9 1.7 0.8 1.9 1.7 0.8 1.9 1.7 0.8 2.4 2.7 0.8 2.2 1.7 0.8 2.2 1.7 0.8 2.2 1.7 0.8 2.2 1.7 0.8 2.2 1.7 0.8 2.2 1.7 0.8 2.2 1.7 0.8 2.2 1.7 0.8 2.2 1.8 1.7 0.8 2.2 1.7 0.8 2.2 1.7 0.8 2.2 1.8 1.8 1.2 1.7 0.8 2.2 1.8 1.8 1.2 1.7 0.8 2.2 1.8 1.8 1.2 1.7 0.8 2.2 1.7 0.8 2.2 1.8 1.8 1.2 2.0 1.8 1.7 0.8 1.8 1.2 1.7 0.8 1.8 1.2 1.7 1.8 1.2 1.4 1.8 1.2 2.0 1.8 1.8 1.2 1.4 1.8 1.2 2.0 1.4 1.8 1.2 2.0 1.4 1.8 1.2 2.0 1.4 1.8 1.2 2.0 1.4 1.8 1.2 2.0 1.4 1.8 1.2 2.0 1.4 1.8 1.2 2.0 1.4 1.8 1.2 2.0 1.4 1.8 1.2 1.4 1.8 1.2 1.4 1.8 1.8 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	5 6 -2 -1 -6 0 -4 6 -5 -5 -3 1 6 -6 -5 5 -5 5 -5 -5 Monthly 19 14 13	10 -3 10 -7 -9 -1 -2 -23 -1 22 42 6 10 -4 45 -4 45 -4 19 4 5 -8 12 YTD 16 19 9
SAP500 SA	2.209 19,138 18,381 3.044 8.658 15,460 15,400 16,527 72,626 61,372 2.098 74,363 691 3.229 74,363 691 3.229 74,363 691 3.229 72,626 61,372 1,793 2.098 74,363 691 3.229 5,66 56,6 20,6 40,9	0.2 0.3 0.3 0.2 0.1 0.0 -0.1 0.0 -0.6 0.0 0.3 0.3 -0.8 -0.2 0.2 -0.5 0.6 -1.7 Daily -0.3 -0.2 0.3 -0.3 -0.3 -0.3 -0.3	1.3 1.4 2.3 1.0 0.4 0.1 0.9 1.6 1.9 1.7 2.4 2.7 3.9 -1.7 0.8 2.2 -1.4 Weekly 1.8 1.2 2.0 3.1 1.2	5 6 -2 -1 -6 0 0 -4 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	10 -3 -7 -9 -1 -2 -23 -1 -2 -2 -23 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
SAP500 Down Jones Naka: Naka: Exercitors 10 IBEX Exercitors 10 IBEX DAX CAC DAX CAC DAX CAC CAC DAX CAC CAC DAX CAC CAC DAX CAC CAC DAX CAC CAC DAX CAC CAC DAX CAC CAC DAX CAC CAC CAC CAC CAC CAC CAC CAC CAC C	2.209 19.138 18.381 6.841 3.044 8.655 10.686 10	0.2 0.3 0.3 0.2 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.3 1.4 2.3 1.0 0.8 0.4 0.1 1.6 1.9 1.7 2.4 2.4 2.7 3.9 2.9 -1.7 0.8 2.2 -1.4 Weekly 1.2 2.0 3.1 1.2 0.8 0.2 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	5 6 -2 -1 -6 0 0 -4 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	10 -3 -7 -9 -1 -2 -23 -1 -2 -2 -23 -1 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
SAP500 Devy Jones Naxe Naxe Levisions 0 Exercisions 0 BEX Exercisions 0 BEX ACA ACA Marchine History 0 History 0 His	2.209 9.1318 18.381 16.541 2.44 2.44 2.44 2.44 2.44 2.44 2.44 2.	0.2 0.3 0.3 0.2 0.1 0.0 -0.1 0.2 0.0 -0.6 0.0 0.3 -0.8 -0.2 0.2 -0.5 0.6 -1.7 Daily -0.1 -0.1 -0.1 0.2 -0.5 0.2 -0.5 0.2 -0.5 0.2 -0.1 0.2 -0.1 0.3 -0.2 -0.1 0.2 -0.1 0.2 -0.1 0.2 -0.1 0.2 -0.1 0.2 -0.1 0.2 -0.1 0.2 -0.1 0.2 -0.1 0.2 -0.1 0.2 -0.1 0.2 -0.1 0.2 -0.1 0.2 -0.1 0.2 -0.1 0.2 -0.1 0.2 -0.1 0.2 -0.1 -0.1 0.2 -0.0 -0.1 -0.1 0.2 -0.0 -0.1 -0.1 -0.2 -0.3 -0.3 -0.3 -0.2 -0.5 -0.5 -0.2 -0.5 -0.2 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	1.3 1.4 2.3 1.4 2.3 1.0 0.8 0.4 0.4 0.9 1.6 1.9 1.7 2.4 2.7 3.9 1.7 2.4 2.2 2.7 3.9 4.2 2.2 1.7 0.8 8 2.2 2.1 2.4 2.2 1.7 1.7 1.7 2.4 2.2 2.9 1.7 1.7 2.4 2.2 2.9 1.7 1.7 2.4 2.2 2.9 1.7 1.7 2.4 2.2 2.9 1.7 1.7 1.7 2.4 2.2 2.9 1.7 1.7 2.4 1.7 1.7 1.7 2.4 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	5 6 -2 -2 -1 -6 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	10 -3 -3 -1 -7 -9 -1 -2 -2 -2 -2 -1 -2 -2 -2 -1 -2 -2 -2 -1 -2 -2 -2 -1 -2 -2 -2 -1 -2 -2 -2 -1 -2 -2 -2 -1 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
SAP500 Devy Jones Nobe: Nobe: Nobe: Nobe: Devy Jones Devy Jones Devy Jones Devy Jones Mission	2.209 19.138 18.381 5.044 19.658 10.660 4.546 61.352 7.7.676 61.372 4.5420 4.565 61.372 5.7.676 61.372 5.7.707 61.372 5.7.707 61.372 5.7.707 61.372 5.7.707 61.372 5.7.707 61.372 5.7.707 61.372 5.7.707 61.3726	0.2 0.3 0.3 0.2 0.1 0.0 0.0 0.0 0.0 0.2 0.0 0.0 0.3 0.0 0.3 0.0 0.0 0.3 0.0 0.0	1.3 1.4 2.3 1.0 0.8 0.4 0.9 1.9 1.9 1.7 2.4 2.7 3.9 2.9 1.7 0.8 2.2 1.4 Weekly Weekly Weekly 1.2 0.8 1.2 0.8 1.2 0.8 1.2 0.8 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	5 6 -2 -2 -1 -6 -5 -5 -3 -4 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -2 -2 -4 -4 -6 -6 -5 -5 -5 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	10 -3 10 -7 -9 -1 -1 -2 -23 -1 -1 -2 -23 -1 -1 -2 -23 -4 -1 -2 -23 -23 -1 -1 -2 -23 -23 -1 -1 -2 -23 -23 -1 -1 -2 -23 -23 -1 -1 -2 -23 -23 -1 -1 -2 -23 -23 -23 -23 -23 -23 -23 -23 -23
SAP500 Obvy Jones Nobel Nobel Exectors to Exectors to BEX Exectors to BEX And the Bex of	2.209 10.138 18.381 18.381 18.381 19.38 10.600 4.546 10.527 4.542 4.542 4.542 10.6 10.6 2.99 10.6 10.72 10.8 10.6 10.8 10.6 10.8 10.8 10.8 10.8 10.8 10.8 10.8 10.8	0.2 0.3 0.3 0.2 0.1 0.0 0.1 0.1 0.0 0.0 0.0 0.0 0.0 0.0	1.3 1.4 2.3 1.0 0.8 0.4 0.9 1.6 0.9 1.9 1.9 1.9 1.9 1.9 1.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2	5 6 -2 -2 -1 -6 -5 -5 -4 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	10 -3 10 -7 -9 -1 -1 -2 -23 -1 22 42 6 -10 -4 19 4 5 -8 -8 -8 -8 -8 -12 -12 -12 -12 -23 -12 -23 -12 -23 -12 -23 -12 -23 -12 -23 -12 -23 -12 -23 -12 -23 -12 -23 -23 -12 -23 -23 -23 -23 -23 -23 -23 -23 -23 -2
S&P500 Devy Jones Noke Exercison: 50 Exercison: 50 Exercis	2.209 19.138 18.181 16.241 2.09 19.138 18.181 26.24 2.09 2.09 2.20 2.20 2.20 2.20 2.20 2.20	0.2 0.3 0.3 0.2 0.1 0.0 1.0 0.1 0.1 0.1 0.1 0.0 0.0 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	1.3 1.4 2.3 1.0 0.8 0.4 1.0 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0	5 6 7 2 4 6 0 0 4 4 6 5 5 3 1 6 6 5 5 5 7 8 7 9 19 14 13 22 20 14 4 9 9 11 4 9 11 6 6 6 7 5 5 5 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8	10 -3 -3 -7 -9 -1 -2 -23 -1 -2 -23 -1 -2 -23 -1 -2 -23 -1 -2 -23 -1 -2 -23 -1 -2 -23 -1 -2 -23 -1 -2 -23 -1 -2 -23 -1 -2 -23 -1 -2 -23 -1 -2 -23 -1 -2 -23 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
SAP500 SAP500 Nike Nike Devidence FaceStone 10 IEEX DAX CAC CAC CAC CAC CAC CAC CAC C	2.209 19.138 18.181 16.641 2.64 2.65 2.65 2.65 2.65 2.65 2.65 2.65 2.65	0.2 0.3 0.3 0.2 0.1 0.0 0.1 0.1 0.1 0.1 0.1 0.2 0.0 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	1.3 1.4 1.4 2.3 1.0 0.8 0.4 1.0 0.8 0.4 1.0 0.8 0.4 1.0 1.0 1.7 2.4 2.4 2.7 3.9 1.7 2.4 2.4 2.7 3.9 1.7 2.4 2.4 2.7 3.9 1.7 2.4 2.4 2.7 3.9 1.7 2.4 2.4 2.7 3.9 1.7 2.4 2.7 3.9 1.7 2.4 2.7 3.9 1.7 2.4 2.7 3.9 1.7 2.7 3.9 1.7 2.7 3.9 1.7 2.7 3.9 1.7 2.7 3.9 1.7 2.7 3.9 1.7 2.7 3.9 1.7 2.7 3.9 1.7 2.7 3.9 1.7 2.7 3.9 1.7 2.7 3.9 1.7 2.7 3.9 1.7 2.7 3.9 1.7 2.0 1.7 2.0 1.7 2.0 1.7 2.0 1.7 1.2 2.0 0.8 0.2 2.0 1.7 1.7 1.8 0.0 0.0 1.7 1.7 1.7 0.8 0.0 1.7 1.7 1.7 1.8 0.0 0.0 1.7 1.7 1.8 0.0 0.0 1.7 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	5 6 7 9 1 6 6 0 0 4 6 5 5 5 5 7 8 1 9 14 13 2 2 2 0 4 4 9 9 9 11 1 6 6 6 5 5 5 7 14 13 2 2 2 2 0 4 4 8 13 14 14 14 14 14 14 14 14 14 14 14 14 14	10 -3 10 -7 -9 -1 -2 -23 -1 -1 -2 -23 -1 -2 -22 -23 -4 -1 -2 -23 -4 -1 -2 -23 -4 -1 -2 -23 -2 -2 -23 -1 -2 -2 -23 -4 -1 -2 -23 -4 -1 -2 -23 -4 -4 -2 -23 -4 -4 -2 -23 -4 -4 -2 -23 -4 -4 -2 -23 -4 -4 -2 -23 -4 -4 -2 -22 -23 -4 -4 -4 -2 -22 -23 -4 -4 -4 -2 -22 -22 -4 -4 -4 -4 -2 -22 -2
SAP500 Obwi Jones Niked Disk Topic T	2,209 10.138 18.381 18.381 18.381 18.381 10.630 4.568 4.568 4.566 61.372 72.676 61.372 2.57 72.676 61.372 72.67 631 7 70.7 70.7 70.7 70.7 70.7 70.7 70.7 7	0.2 0.3 0.3 0.2 0.1 0.0 0.1 0.1 0.1 0.1 0.1 0.2 0.0 0.0 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	1.3 1.4 1.4 2.3 1.0 0.8 0.4 0.4 0.9 1.6 1.9 1.6 1.7 2.4 1.7 2.4 2.7 1.7 2.4 1.7 2.4 2.7 1.7 2.4 1.7 2.4 1.7 2.4 1.7 2.4 1.7 2.4 1.7 2.4 1.7 2.4 1.7 1.7 2.4 1.7 2.4 1.7 2.4 1.7 2.4 1.7 2.4 1.7 2.4 1.7 2.4 1.7 1.7 2.4 1.7 1.7 2.4 1.7 1.7 2.4 1.7 1.7 2.4 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	5 6 2 -1 -1 -6 -0 0 -4 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	10 -3 -3 -7 -9 -1 -2 -23 -1 -2 -23 -1 -2 -23 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
S4P500 Devy Jones Noxe Noxe Noxe Noxe Control Control IBEX Exoreta Control IBEX CAC CAC CAC CAC CAC CAC CAC CAC CAC CA	2.209 10.138 18.381 18.381 18.381 18.381 10.600 4.568 10.600 4.566 10.527 72.626 61.372 72.626 61.372 72.626 51.327 73.7 77 77 77 77 77 77 77 77 77 77 78 6 20.6 20.6 20.6 20.6 20.6 20.6 20.7 20.1 20 20 20 20 20 20 20 20 20 20 20 20 20	0.2 0.3 0.3 0.2 0.0 0.0 0.1 0.0 0.1 0.1 0.1 0.2 0.0 0.0 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	1.3 1.4 1.4 2.3 1.0 0.8 0.4 0.1 1.0 0.8 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	5 6 2 -2 -3 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	10 -7 -9 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
S4P500 S4P500 Nove: Nove: Nove: Nove: Nove: S4P500 IBEX IBES IBEX IBES IBEX IBES IBEX IBES I	2.209 10.138 18.381 18.381 18.381 18.381 19.658 10.650 45.450 10.57 7.75.656 10.537 7.75.656 10.537 7.356 10.5 7.365 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.	0.2 0.3 0.3 0.2 0.1 0.1 0.1 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.3 1.4 1.4 2.3 1.0 0.8 0.4 0.1 1.0 0.9 0.9 0.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1	5 6 -2 -1 -6 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	10 -7 -9 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
SAP500 SAP50	2,209 19.138 18.181 16.341 26.34 26.34 26.34 26.34 26.34 26.34 26.34 26.34 26.34 26.34 26.35 26.	0.2 0.3 0.3 0.2 0.1 0.0 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.3 1.4 1.4 2.3 1.0 0.8 0.4 0.1 0.9 1.6 1.9 1.6 1.9 1.7 2.4 2.7 2.7 2.4 2.7 2.7 2.4 2.7 2.7 2.7 2.4 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7	5 6 7 9 0 0 0 4 6 5 5 3 1 6 6 5 5 5 5 5 5 5 5 7 19 19 14 13 22 20 4 4 9 9 11 14 13 2 22 20 4 4 9 9 11 1 6 6 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5	10 -3 -7 -9 -1 -2 -2 -2 -2 -1 -2 -2 -2 -1 -2 -2 -2 -1 -2 -2 -2 -2 -1 -2 -2 -2 -2 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
S4P500 S4P500 Nove Jones Nove Jones Nove Jones Exercisors 0 IBEX Exercisors 0 IBEX ACAC	2.209 10.138 18.381 18.381 18.381 18.381 10.630 4.546 6.372 72.37 4.542 4.542 4.542 4.565 6.6372 72.65 6.6372 7.05 7.0 7.7 7.7 7.7 7.7 7.7 7.7 7.7 7.7 7.7	0.2 0.3 0.3 0.2 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.3 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	5 6 2 1 6 0 0 4 5 5 5 5 5 5 5 5 5 5 5 5 5	10 3 3 7 9 1 2 2 3 4 4 2 2 3 4 4 2 2 3 4 12 2 2 3 4 12 2 2 3 4 12 2 2 3 4 2 3 2 3 4 2 3 4 2 3 5 5 5 5 5 5 5 5 5 5 5 5 5
SAP500 SAP500 Nove Nove Nove Nove Nove Eversions 0 IEX Eversions 0 IEX ACAC ACAC IEX IEX IEX IEX IEX IEX IEX IEX	2.209 10.138 18.381 18.381 18.381 18.381 10.680 4.486 10.680 4.546 11.37 7.76 6 13.322 5.22 10.2 10.2 10.2 10.2 10.2 10.2 10.2 1	0.2 0.3 0.3 0.2 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.3 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	5 6 2 2 1 6 0 0 4 5 5 5 5 5 5 5 5 5 5 5 5 5	10 3 3 7 9 1 2 2 3 4 2 2 3 4 2 2 3 4 12 2 2 3 4 12 2 2 3 4 12 2 2 3 4 12 2 3 4 2 3 2 12 4 2 3 4 2 3 4 2 3 5 5 5 5 5 5 5 5 5 5 5 5 5
S4P500 S4P500 S4P500 Noise Noise S4P500 S4P50 S4P5	2,209 19.138 18.381 18.381 18.381 19.385 10.600 4.546 10.527 19.224 19.224 19.22 19.22 19.22 19.22 10.2 10.2 10.2 10.2 10.2 10.2 10.2 1	0.2 0.3 0.3 0.2 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.3 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	5 6 -2 -1 -6 0 0 -4 -6 -5 -3 1 -6 -6 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	10 -3 -3 -7 -9 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
SAP500 SAP500 Noise Noise Noise Noise Noise Component Exercison SO Exercison SO Exercison MESIC MEurope' MESIC MEurope' Nest MESIC MEurope' Nest MESIC MEurope' Nest MESIC MEurope' Nest MESIC MEurope' Nest MESIC MEUROPE' Nest MESIC MEUROPE' Nest MESIC MEUROPE' MESIC MEUROPE' MEUROPE' MESIC MEUROPE' MEU	2.209 10.138 18.381 18.381 18.381 18.381 19.630 10.630 14.640 10.620 17.72.626 11.92 17.826 10.63 17.72 10.77 18.67 10.87 10.87 10.8 10.8 10.8 10.8 10.8 10.8 10.8 10.8	0.2 0.3 0.3 0.2 0.2 0.1 0.2 0.2 0.1 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.3 1.4 1.4 2.3 1.4 1.4 2.3 1.4 1.4 1.4 1.4 1.4 1.4 1.0 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0	5 6 2 1 4 6 0 0 4 6 5 - 5 - 3 1 1 6 6 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5	10 -3 -3 -7 -9 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
SAP500 SA	2,209 19,138 18,381 18,381 18,381 18,381 19,385 10,680 14,546 16,527 17,24,54 16,527 17,24,54 10,67 17,24 10,7 18,15 19,12 10,	0.2 0.3 0.3 0.2 0.2 0.1 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.3 1.4 1.4 2.3 1.4 1.4 2.3 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	5 6 -2 -1 -6 0 0 -4 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -10 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -2 2 -2 2 -2 -4 -4 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	10 3 10 7 9 1 2 23 1 2 22 22 22 22 22 22 22 22
SAP500 SA	2,209 19.138 18.381 48.381 48.381 48.381 48.381 48.48	0.2 0.3 0.3 0.2 0.2 0.1 0.1 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.3 1.4 1.4 2.3 1.4 2.3 1.4 2.4 1.6 1.9 1.6 1.9 2.4 1.7 2.4 1.7 2.4 2.7 2.9 2.9 2.9 2.9 2.9 2.4 1.7 1.7 1.7 1.7 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	5 6 -2 -1 -6 0 0 -4 -6 -5 -5 -5 -5 -5 -5 -5 -5 -5 -1 10 11 -5 -5 -5 -1 12 22 20 0 14 13 22 22 20 0 14 13 22 22 20 11 13 13 22 22 20 14 -4 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	10 3 3 10 7 9 1 2 2 2 2 2 2 2 2 2 2 2 2 2
SAP500 SA	2,209 19,138 18,181 16,241 2,209 19,138 18,181 16,261 10,660 4,566 16,527 77,67 2,29 4,565 1,623 77,73 78,6 5 6,6 7,2 2,11 78,6 5 6,6 7,2 2,11 78,6 5 6,6 7,2 2,11 78,6 6,2 1,2 1 10,1 1 1 10,1 1 1 10,1 1 1 1	0.2 0.3 0.3 0.2 0.2 0.1 0.1 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.3 1.4 1.4 2.3 1.4 2.3 1.4 2.5 1.4 1.4 2.5 1.4 1.4 1.6 1.7 2.4 2.9 1.7 2.4 2.9 1.7 2.4 2.2 2.9 4.7 2.4 2.2 2.9 4.7 2.4 2.4 2.2 2.9 4.7 2.4 2.4 2.4 2.4 2.4 2.4 2.4 2.4	5 6 -2 -1 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	10 -3 -3 -7 -9 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
SAP500 SAP500 Nove Jones Control of Contro	2.209 19.138 18.381 18.381 18.381 18.381 10.680 4.456 10.620 4.565 10.62 7.22 4.542 4.520 4.555 6.5 7.433 6.91 3.262 5.122 10.2 10.2 10.2 10.2 10.2 10.2 10.2	0.2 0.3 0.3 0.3 0.2 0.2 0.2 0.2 0.2 0.2 0.3 0.3 0.3 0.4 0.4 0.2 0.2 0.2 0.5 0.6 0.3 0.3 0.4 0.4 0.3 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	1.3, 1.4, 1.4, 2.3, 1.4, 2.4, 2.9, 1.7, 2.4, 2.9, 1.7, 2.4, 2.9, 1.7, 2.4, 2.9, 1.7, 2.4, 2.9, 1.7, 2.4, 2.9, 1.7, 2.4, 2.4, 2.9, 1.7, 2.4, 2.4, 2.9, 1.7, 1.8, 1.2, 1.8, 1.2, 1.8, 1.2, 1.8, 1.2, 1.8, 1.2, 1.8, 1.2, 1.8, 1.2, 1.8, 1.2, 1.4, 1.8, 1.2, 1.2, 1.4, 1.8, 1.2, 1.2, 1.4, 1.8, 1.2, 1.2, 1.4, 1.8, 1.2, 1.2, 1.4, 1.8, 1.2, 1.2, 1.2, 1.4, 1.8, 1.2, 1.2, 1.2, 1.2, 1.2, 1.4, 1.8, 1.2, 1.3, 1.3, 1.3, 1.3, 1.3, 1.3, 1.3, 1.3, 1.3, 1.4, 1.5, 1.2, 1.3,	5 6 7 7 7 8 6 0 0 4 4 5 5 7 8 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10 -3 -3 -3 -7 -9 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
SAP500 SAP500 Noise Noise Noise Noise Noise Component Exercison SO Exercison SO MEST	2,209 19,138 18,381 18,381 18,381 18,381 10,630 14,546 10,630 4,546 10,527 4,542 4,542 4,542 4,542 10,57 7,88 7,78 10,67 7,78 10,7 7,88 7,78 10,67 7,78 10,67 7,78 10,67 7,78 10,67 7,78 10,67 7,78 10,67 7,78 10,67 7,78 10,67 7,78 10,67 7,78 10,67 7,78 10,67 7,78 10,67 7,78 10,67 7,78 10,67 10,6	0.2 0.3 0.3 0.3 0.3 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	1.3, 1.4,	5 6 7 7 8 6 9 0 0 4 4 5 5 4 4 5 7 8 7 8 7 9 19 10 10 10 10 10 10 10 10 10 10 10 10 10	10 -3 -3 -3 -7 -9 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
SAP500 SAP500 Noise Noise Noise Noise Noise Convolones Exercisones SAP SAP SAP SAP SAP SAP SAP SAP	2.209 19.138 18.381 18.381 18.381 18.381 10.680 4.456 10.620 4.565 10.62 7.22 4.542 4.520 4.555 6.5 7.433 6.91 3.262 5.122 10.2 10.2 10.2 10.2 10.2 10.2 10.2	0.2 0.3 0.3 0.3 0.2 0.2 0.2 0.2 0.2 0.2 0.3 0.3 0.3 0.3 0.4 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	1.3, 1.4, 1.4, 2.3, 1.4, 2.4, 2.9, 1.7, 2.4, 2.9, 1.7, 2.4, 2.9, 1.7, 2.4, 2.9, 1.7, 2.4, 2.9, 1.7, 2.4, 2.9, 1.7, 2.4, 2.4, 2.9, 1.7, 2.4, 2.4, 2.9, 1.7, 1.8, 1.2, 1.8, 1.2, 1.8, 1.2, 1.8, 1.2, 1.8, 1.2, 1.8, 1.2, 1.8, 1.2, 1.8, 1.2, 1.4, 1.8, 1.2, 1.2, 1.4, 1.8, 1.2, 1.2, 1.4, 1.8, 1.2, 1.2, 1.4, 1.8, 1.2, 1.2, 1.4, 1.8, 1.2, 1.2, 1.2, 1.4, 1.8, 1.2, 1.2, 1.2, 1.2, 1.2, 1.4, 1.8, 1.2, 1.3, 1.3, 1.3, 1.3, 1.3, 1.3, 1.3, 1.3, 1.3, 1.4, 1.5, 1.2, 1.3,	5 6 7 2 1 6 0 0 4 6 5 3 1 1 6 6 5 3 1 1 6 6 5 5 3 1 1 1 6 6 7 5 3 1 1 3 1 3 2 2 2 0 0 1 1 1 3 2 2 2 2 0 1 1 1 3 1 3 1 3 1 3 2 2 2 2 0 1 1 4 1 5 5 5 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10 -3 -3 -3 -7 -9 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
S4P500 S4P500	2.209 19.138 18.381 18.381 18.381 18.381 10.680 4.460 4.540 6.1372 72.626 6.1372 4.565 6.6 2.06 4.95 74.363 76.6 2.06 4.99 7.29 78 78 78 76 76 76 76 76 76 76 76 76 76 76 76 76	0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.1 0.1 0.1 0.1 0.1 0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	1.3, 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, 1.6, 1.6, 1.6, 1.6, 1.6, 1.6, 1.6, 1.2, 1.4, 2.4,	5 6 7 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8	10 -3 -3 -10 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7
SAP500 SAP500 SAP500 Nove Jones Nove Jones Eventors to 1 EVENTOR Eventors to 1 EVENTOR SAP5000 SAP500 SAP500 SAP500 SAP50	2.209 10.138 18.381 18.381 18.381 18.381 10.680 44.546 64.52 45.65 10.65 10.65 10.65 10.65 10.65 10.65 10.65 10.6 10.7 10.8 10.8 10.8 10.8 10.8 10.8 10.8 10.8	0.2 0.3 0.3 0.3 0.3 0.4 0.4 0.4 0.4 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	1.3, 1.4, 1.4, 1.4, 1.4, 1.4, 1.4, 1.4, 1.4, 1.4, 1.6, 1.6, 1.7, 1.6, 1.6, 1.7, 1.4,	5 6 2 2 4 6 6 7 7 7 8 7 8 7 7 7 7 7 7 7 7 7 7 7 7	10 -3 -3 -10 -7 -9 -12 -23 -1 -12 -23 -1 -12 -23 -1 -12 -23 -1 -12 -23 -1 -12 -23 -1 -12 -23 -1 -12 -23 -1 -12 -23 -1 -12 -23 -1 -12 -23 -1 -12 -23 -1 -12 -23 -1 -12 -23 -1 -12 -23 -12 -23 -12 -23 -12 -23 -12 -23 -12 -23 -12 -23 -12 -23 -12 -23 -23 -12 -23 -23 -23 -23 -23 -23 -23 -2
SAP500 SAP500 SAP500 Note Down Jones SAP Note Note Evention 50 SAP SAP SAP SAP SAP SAP SAP SAP SAP SAP	2.209 10.138 16.381 16.381 16.381 10.680 4.466 16.537 7.7.676 6.132 4.565 10.53 6.0 1.5 10.5 10.5 10.5 10.5 10.5 10.5 10.	0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	1.3, 1.4, 1.4, 1.4, 1.4, 1.4, 1.4, 1.4, 1.4, 1.4, 1.4, 1.6, 1.6, 1.6, 1.7, 1.4, 1.6, 1.7, 1.4, 2.4, 2.4, 2.4, 2.4, 2.7, 3.9, 0.8, 2.4, 2.5,	5 6 2 1 1 6 6 3 1 1 6 6 5 1 1 6 6 5 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 1 1 1 2 2 2 2 2 2 1 1 1 1 2 2 2 2 2 2 2 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2	$\begin{array}{c} 10\\ -3\\ -3\\ -7\\ -9\\ -7\\ -23\\ -3\\ -23\\ -1\\ -2\\ -23\\ -3\\ -23\\ -23\\ -23\\ -23\\ -23\\ $
SAP500 SAP500 SAP500 Noise Noise Noise Convolones Convolone	2,209 19,138 18,381 18,381 18,381 18,381 19,385 10,680 14,546 16,527 19,24,54 10,67 19,22 19,22 10,22	0.2 0.3 0.3 0.3 0.3 0.3 0.4 0.3 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	1.3, 1.4, 1.4, 1.4, 1.4, 1.4, 1.4, 1.4, 1.4, 1.6, 0.8, 0.4, 0.8, 0.4, 0.8, 0.4, 1.6, 1.4, 1.4, 2.5, 2.5,	5 6 7 2 1 1 6 7 7 4 7 7 7 7 7 7 7 7 7 7 7 7 7	10 -3 -3 -1 -7 -9 -7 -9 -1 -2 -2 -2 -1 -2 -2 -2 -1 -2 -2 -2 -2 -1 -2 -2 -2 -2 -1 -2 -2 -2 -1 -2 -2 -2 -2 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
SAP500 SAP500 SAP500 Noie Noie Noie Noie Component Exercion SA SAP SAP SAP SAP SAP SAP SAP S	2,209 10,138 16,381 16,381 16,381 16,500 4,546 16,527 7,2,56 17,22 4,565 1,22 4,565 1,22 4,565 1,22 4,565 1,22 4,565 1,22 4,565 1,22 4,565 1,22 10,2 10,2 10,2 10,2 10,2 10,2 10,2	0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	1.3, 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, 1.6, 1.6, 1.6, 1.6, 1.6, 1.6, 1.6, 1.4, 2.4, 2.4, 1.4, 2.4, 2.4, 1.2, 2.2, 1.4, 1.2, 2.2, 1.4, 1.2, 2.2, 1.4, 1.2, 2.2, 1.4, 1.2, 2.2, 1.4, 1.2, 2.2, 1.4, 1.2, 2.2, 1.4, 1.2, 2.2, 1.4, 1.2, 2.2, 1.4, 1.2, 2.2, 1.4, 1.2, 2.2, 1.4, 1.2, 2.2, 1.4, 1.2, 2.2, 1.4, 1.2, 2.2, 1.4, 1.2, 2.2, 1.4, 1.2, 2.2, 1.4, 1.2, 2.2, 1.4, 1.2, 2.2, 1.4, 1.2, 2.2, 1.4, 1.4,	5 6 2 1 1 6 6 3 1 1 6 6 5 1 1 6 6 5 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 1 1 1 2 2 2 2 2 2 1 1 1 1 2 2 2 2 2 2 2 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2	10 -3 -3 -7 -7 -7 -7 -7 -7 -7 -7 -7 -2 -2 -2 -1 -2 -2 -2 -1 -2 -2 -2 -1 -2 -2 -2 -1 -2 -2 -2 -1 -2 -2 -2 -1 -2 -2 -2 -1 -2 -2 -2 -1 -2 -2 -2 -2 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
SAP500 SAP50	2,209 10,338 18,381 18,381 18,381 18,381 10,680 44,546 10,620 44,565 10,155 10,15 10	0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	1.3, 1.4, 1.4, 1.4, 1.4, 2.2, 0.8, 0.4, 0.9, 0.7, 0.8, 0.4, 0.9, 0.7, 0.8, 0.4, 0.9, 0.7, 0.8, 0.4, 0.9, 0.4,	5 6 7 2 1 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	$\begin{array}{c} 10\\ 0\\ 3\\ 10\\ 7\\ 9\\ 9\\ 1\\ 2\\ 23\\ 1\\ 1\\ 2\\ 2\\ 2\\ 1\\ 1\\ 2\\ 2\\ 2\\ 1\\ 1\\ 1\\ 2\\ 2\\ 2\\ 1\\ 1\\ 1\\ 2\\ 2\\ 2\\ 2\\ 2\\ 2\\ 2\\ 2\\ 2\\ 1\\ 1\\ 1\\ 1\\ 2\\ 2\\ 2\\ 2\\ 2\\ 2\\ 2\\ 1\\ 1\\ 1\\ 1\\ 2\\ 2\\ 2\\ 2\\ 2\\ 2\\ 2\\ 2\\ 2\\ 2\\ 1\\ 1\\ 1\\ 2\\ 2\\ 2\\ 2\\ 2\\ 2\\ 2\\ 2\\ 2\\ 2\\ 2\\ 2\\ 2\\$
SAP500 SA	2.209 10.138 18.381 18.381 18.381 18.381 19.630 14.64 10.650 14.657 77.656 10.72 77.656 10.72 77.656 10.72 10.7 72.656 20.6 20.6 20.6 20.6 20.6 20.6 20.6 20.	0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.4 0.3 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	1.3, 1.4, 1.4, 1.4, 1.4, 1.4, 1.4, 1.4, 1.4, 1.4, 1.4, 1.6, 1.6, 1.6, 1.6, 1.6, 1.2, 1.4,	5 6 2 1 1 6 3 4 4 5 3 1 6 6 5 5 1 1 6 6 5 5 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2	10 -3 -10 -7 -9 -12 -23 -1 -12 -24 -12 -24 -12 -24 -12 -24 -12 -24 -12 -24 -12 -24 -12 -24 -12 -24 -12 -24 -12 -24 -12 -24 -12 -24 -24 -24 -24 -24 -24 -24 -2
SAP500 SAP500 SAP500 Noise Noise Noise Noise Component Exercion 50 SAP50	2.209 10.138 18.381 18.381 18.381 18.381 19.630 10.630 4.546 10.527 72.526 10.37 72.526 10.37 72.52 10.37 10	0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.4 0.3 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	1.3, 1.4, 1.4, 1.4, 1.4, 1.4, 1.4, 1.4, 1.4, 1.4, 1.6, 1.2, 1.4, 1	5 6 7 2 1 1 6 6 7 2 1 1 6 6 7 3 3 1 1 6 6 7 3 3 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2	10 -3 -3 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7
SAP500 SAP500 SAP500 SAP500 Exoriton SO Exoriton SO Exoriton SO Exoriton SO Exoriton SO SA SAC SAC SAC SAC SAC SAC SAC	2,209 10,138 16,381 16,381 16,361 4,346 6,437 7,262 6,1372 4,562 6,1372 4,563 6,137 7,265 6,137 7,265 6,137 7,26 6,137 7,26 7,26 7,3,33 6,91 3,262 5,122 1,0 1,0 3,262 5,12 1,0 1,0 3,262 5,12 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0	0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	1.3, 1.4, 1.4, 1.4, 1.4, 2.2, 0.8, 0.4, 0.9, 0.7, 0.8, 0.4, 0.9, 0.7, 0.8, 0.4, 0.9, 0.7, 0.8, 0.4, 0.9, 0.7, 0.8, 0.4, 0.9, 0.7, 0.8, 0.4, 0.9, 0.4,	5 6 7 2 1 1 6 6 7 2 1 1 6 6 7 3 1 1 6 6 7 5 5 5 5 5 5 5 5 5 5 5 5 5	10 -3 -3 -1 -7 -9 -1 -2 -2 -2 -1 -1 -2 -2 -2 -1 -1 -2 -2 -2 -1 -2 -2 -1 -2 -2 -1 -2 -2 -1 -2 -2 -1 -2 -2 -2 -1 -2 -2 -2 -1 -2 -2 -2 -1 -2 -2 -2 -2 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2





D Developed Markets	ebt markets (10Y, %, d	anges in t	p) Week	Month	YTD
US (2-yr)	1.14 2.36	2.0 1.5	7.5	27 57	9
GER (2-yr) Germany	-0.75	-1.6	-8.2	-11 15	-41 -40
France	0.78	-1.6	1.5	41	-21
Spain Italy	1.55 2.07	-3.5 -5.8	-3.9 -2.0	43 62	-22 48
Portugal Greece	3.59 6.94	-8.2 -0.4	-26.9 -12.1	38 -135	107 -135
Japan (2-yr) Japan	-0.14 0.04	2.3 0.2	2.7 10.6	11 -22	-13 -22
Emerging Markets Brazil	level 12.08	Daily 19.6	Weekly -2.8	Monthly 82	YTD -443
Chile Colombia	4.63 7.54	0.0	1.0 -1.1	43 28	-5 -112
Mexico Peru	7.45	-0.9 -3.5	14.4 -7.9	130 66	119 -109
Poland Russia	3.57	-3.8 3.7	-13.5	51 46	62 -69
Turkey India	10.99	5.0 4.6	17.0	129	52 -153
Indonesia	8.32	9.2	49.4	124	-42
Developed Markets	Country risk (bp. change level	ges in bp) Daily	Weekly	Monthly	YTD
10-yr sovereign spread vs G France	ermany 55	1.3	5.7	26	19
Italy Portugal	184	-2.9	2.2	47	88 147
Spain 2-yr so vereign spread vs Ger	133	-0.5	0.4	28	18
France	15	-0.3	8.0	11	12
Italy Portugal	84 114	2.2 2.5	12.0 -4.1	28 23	52 69
Spain Emerging Markets	64	2.5 Daily	11.1 Weekly	22 Monthly	29 YTD
5-yr sovereign CDS *	302		-4		-190
Brazil Chile	94	1	-5	42 8	-32
Colombia Mexico	198 188	0	-4	33 46	-41 18
Peru Venezuela	124 4,263	0	2 318	26 999	-61 -1781
Poland Russia	83	0	-3	9	11
Turkey	289	-4	3	47	15
China India	119 144	1	1	14 6	10 -4
Indonesia	173 Risk indicator	-1	-5	25	-53
Volatilty indicators (%) VIX	level 13	Daily 1.6	Weekly	Monthly -11	YTD -6
VSTOXX	21	4.1	2	-11	- 4
EM EFT volatility Index Dollar/euro volatility	21 10	-0.8 -6.6	-2 -12	2 40	-7
EM FX volatility index Credit spread (BAA) (bps)	11 248	0.7 -1.5	1	18 -11	-2 -76
US bonds volatility index	248	0.0	-4	32	16
Banking 5 y CDS (bps) * US	level 73	Daily 0.0	Weekly 4	Monthly -2	YTD -2
EZ UK	132 102	-0.4 -0.5	0	19 -2	49 24
Large Spanish Medium Spanish	143	0.0	-1	23 16	6
Corporate 5y CDS (bps) *	level	Daily	Weekly	Monthly	YTD
US Non-financial EZ Non-financial	188 109	0.0 -0.4	4	-2 19	-2 49
UK Non-financial	130 iterbank markets (%, ch	-0.2 anges in b	-7	-6	-62
	level	Daily	Weekly	Monthly	YTD
EONIA Index Euribor 3m	-0.35 -0.31	0.00	0.0	0.0	-0.2 -0.2
Euribor 3m Euribor 12m Libor 3m	-0.08 0.93	0.00	0.0	0.0	-0.1 0.3
Libor 12m	1.63 48.9	0.00	0.0	0.1 -6.3	0.5 8.1
CATED and Day				-0.3	0.1
EZ TED spread 3 m					
EZ TED spread 3m Main indices	Stock markets (%) Daily	Weekly	Monthly	YTD
EZ TED spread 3m Main indices S&P500	Stock markets (level 2,209	%) Daily 0.2	1.3	Monthly 3	8
EZ TED spread 3m Main indices S&P500 Dow Jones Nikkei	Stock markets (level 2,209 19,138 18,381	%) Daily 0.2 0.3 0.3	1.3 1.4 2.3	3 5 6	8 10 -3
EZ TED spread 3m Main indices S&P500 Dow Jones Nikkel FTSE 100 EuroStoxx 50	Stock markets (level 2,209 19,138 18,381 6,841 3,044	%) Daily 0.2 0.3 0.3 0.2 0.1	1.3 1.4 2.3 1.0 0.8	3 5 6 -2 -1	8 10 -3 10 -7
EZ TED spread 3m Main Indices S&P500 Dow Jones Nikkei FTSE 100 EuroStoxx 50 IBEX DAX	Stock markets (2,209 19,138 18,381 6,841 3,044 8,658 10,680	Daily 0.2 0.3 0.3 0.2 0.1 0.1 0.0 -0.1	1.3 1.4 2.3 1.0 0.8 0.4 0.1	3 5 -2 -1 -6 0	8 10 -3 10 -7 -9 -1
EZ TED spread 3m Main Indices S&P500 Dow Jones Niked FTSE 100 EuroStoxx 50 IEEX	Stock markets (2,209 19,138 18,381 6,841 3,044 8,658 10,680 4,546	%) Daily 0.2 0.3 0.3 0.2 0.1 0.0	1.3 1.4 2.3 1.0 0.8 0.4	3 5 -2 -1 -6	8 10 -3 10 -7 -9
EZTED spread 3m Kain indices SAP500 Dow Jones Nikori FTSE 100 ExroStox 50 IBEX DAX CAC MIB ASE Athens	Stock markets (2,209 19,138 18,381 6,841 3,044 8,658 10,680 4,546 16,527 623	x) Daily 0.2 0.3 0.3 0.2 0.1 0.0 -0.1 0.1 0.2 0.0 0.0	1.3 1.4 2.3 1.0 0.8 0.4 0.1 0.9 1.6 1.9	3 5 -2 -1 -6 0 0 -4 6	8 10 -3 10 -7 -9 -1 -2 -23 -1
EZTED spread 3m Main indices S&P500 Dow Jones Nikei FTSE 100 EuroStox 50 IBCX DAX CAC MIB ASE Athens MSCI Latum * Iborepa (Brazi)	Stock markets (Daily 0.2 0.3 0.3 0.2 0.1 0.0 -0.1 0.1 0.1 0.1 0.2 0.0 -0.6 0.0	1.3 1.4 2.3 1.0 0.8 0.4 0.1 0.9 1.6 1.9 1.7 2.4	3 5 -2 -1 -6 0 0 -4 6 -5 -5 -4	8 10 -3 10 -7 -9 -1 -2 -23 -1 22 42
EZTED spread 3m Main indices SGP500 Dow Jones Nikot FTSE 100 EuroStox 50 IBCX DAX CAC MIB ASE Athens MSCL Atam ² Thorepa flazib Mothol	Stock markets (Daily 0.2 0.3 0.3 0.2 0.1 0.0 0.1 0.1 0.1 0.1 0.1 0.1 0.2 0.0 0.3 0.3 0.3 0.3	1.3 1.4 2.3 1.0 0.8 0.4 0.9 1.6 1.9 1.7 2.4 2.4 2.7	3 5 6 -2 -1 -6 0 0 -4 6 -5 -5 -4 -5 3	8 10 -3 10 -7 -9 -1 -2 -23 -1 22 42 6 10
EZTED spread 3m Main Indices SAP300 Dow Jones Niked FTSE 100 EuroStox 50 IBCX DXAC MIB ASE Atnens MSCI Latam * Ibovepso Brazio Hochol	Stock markets (2,209 19,138 18,381 6,841 3,044 8,658 10,680 4,546 16,527 623 72,626 61,372 45,420	Daily 0.2 0.3 0.2 0.1 0.0 -0.1 0.1 0.2 0.3	1.3 1.4 2.3 1.0 0.8 0.4 0.1 0.9 1.6 1.9 1.7 2.4 2.4	3 5 6 -2 -1 -6 0 -4 6 -5 -5 -4 -5	8 10 -3 10 -7 -9 -1 -2 -23 -1 22 42 6
EZTED spreed 3m Via 11 hof ces 949 50 hof ces 949 50 hof ces 949 50 hof ces 949 50 hof ces 949 50 hof ces 15 51 00 tes 16 50 tes	Stock markets (2.209 19.138 18.381 3.641 3.044 8.658 10.680 4.546 6.16.527 623 7.2626 6.1.372 4.5420 4.5455 1.793 2.098 7.4.363	Daily Daily 0.2 0.3 0.2 0.1 0.0 -0.1 0.2 0.0 -0.1 0.2 0.3 0.2 0.0 -0.1 0.2 0.0 -0.5 0.0 0.3 -0.3 -0.3	1.3 1.4 2.3 1.0 0.8 0.4 0.1 0.9 1.6 1.9 1.7 2.4 2.4 2.7 3.9	3 5 6 -2 -1 -6 0 0 -4 6 -5 -4 -5 3 1	8 10 -3 10 -7 -9 -1 -2 -23 -1 22 42 6 10 -4 19 4
E21ED speed 3m 11.5 horse 20490 20490 204	Stock markets (2.209 19.138 18.381 6.841 3.044 8.858 10.680 4.546 6.16.527 623 7.2.626 6.1.372 4.542 4.542 5.1.793 2.098 7.4.363 6.91 3.262	Daily 0.2 0.3 0.3 0.2 0.1 0.0 -0.1 0.1 0.2 0.0 -0.6 0.0 0.3 0.3 0.3 0.3 0.3 0.3 0.4 0.2 0.2 0.2 0.2 0.2 0.2 0.3 0.3 0.3 0.2 0.3 0.2 0.3 0.3 0.2 0.3 0.3 0.2 0.3 0.3 0.2 0.1 0.2 0.3 0.3 0.2 0.3 0.3 0.2 0.3 0.3 0.2 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 0.2 0.1 0.2 0.1 0.2 0.1 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.3 0.3 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.0 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.3 1.4 2.3 1.0 0.8 0.4 0.1 0.9 1.6 1.9 1.7 2.4 2.4 2.7 3.9 2.9 -1.7 0.8 2.2	3 5 -2 -1 -6 0 -4 6 -5 -5 3 1 6 -6 -5 5 5	8 10 -3 -7 -9 -1 -2 -23 -1 22 42 6 10 -4 19 4 5 -8
EZTED speed 3m EZTED speed 3m Hith Indica Statistic	Stock markets (2,209 19,138 18,381 6,841 3,044 3,044 4,366 16,527 62,37 7,2,626 61,372 45,420 4,5460 4,5461 1,379 4,5420 4,5420 4,5420 1,293 4,54200 4,54200000000000000000000000000000000000	Daily 0.2 0.3 0.3 0.2 0.1 0.0 -0.1 0.1 0.1 0.1 0.1 0.2 0.0 -0.6 0.0 0.3 0.3 -0.8 -0.2 -0.5 0.6 -1.7 Daily	1.3 1.4 2.3 1.0 0.8 0.4 0.9 1.6 1.9 1.7 2.4 2.4 2.7 3.9 2.9 4.7 0.8 2.2 4.7 0.8 2.2 4.7 0.8 2.2 4.7 0.8 2.4 2.4 2.4 2.4 2.4 2.4 2.4 2.4	3 5 6 -2 -1 -6 0 0 -4 6 -5 -4 -5 3 1 6 -6 -5 5 5 5 5 5 Monthly	8 10 -3 10 -7 -9 -1 -2 -23 -1 22 42 6 10 -4 19 4 5 -8 12 YTD
LZ1ED speed 3m LZ1ED speed 3m LL1mbdca S40*500 LL2mbdca L	Stock matk et al 2 mo 3 mo 19,138 10,138 10,838 10,668 10,668 10,668 10,659 10,527 623 72,626 61,372 45,420 45,	Daily 0.2 0.3 0.3 0.2 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.0 -0.6 0.0 0.3 0.3 0.3 -0.8 0.3 0.3 -0.2 0.2 -0.5 0.6 -1.7 Daily 0.2 -0.3	1.3 1.4 2.3 1.0 0.8 0.4 0.1 0.9 1.6 1.9 1.7 2.4 2.4 2.7 3.9 2.9 -1.7 3.9 2.9 -1.7 0.8 0.2 -1.4 Weekly 1.2	3 5 6 -2 -1 6 0 0 -4 6 -5 -5 3 1 6 -6 -6 5 5 5 5 5 5 5 19 14	8 10 -3 10 -7 -9 -1 -2 -23 -1 -2 -23 -1 -2 -23 -1 -2 -23 -1 -2 -23 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
E2TED spread 3m Holin Indexa SeP590 Dow Jones Noidel Exercises 2 Exercises 2 Exercises 2 Exercises 2 Exercises 2 Mile Montol	Stock mark et / 2,208 1,208 1,208 1,208 1,208 1,208 1,208 4,208	Daily 0.2 0.3 0.2 0.3 0.2 0.1 0.2 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.2 0.3 0.3 0.2 0.2 0.6 1.7.7 0.6 0.7 0.1 0.3 0.2 0.3 0.2 0.3 0.3 0.3	1.3 1.4 2.3 1.0 0.8 0.4 0.1 0.9 1.6 1.9 1.7 2.4 2.4 2.4 2.7 2.9 -1.7 0.8 2.2 -1.4 Weekly 1.8 1.2 2.0 3.1	3 5 6 -2 -1 -6 0 0 -4 -5 -5 -5 -5 5 5 -5 -5 -5 -5 -5 -5 -5 -5	8 10 -3 10 -7 -9 -1 -2 -23 -1 22 42 6 10 -4 19 4 5 -8 12 YTD 16 19 9 23
E2TED speed 3m Self-Bon res Self-Bon res Self-Bon res Dew Jones Dew Jones Dew Jones Dew Jones Dew Jones Dew	Stock markets (kevel 2,209 19,138 18,338 18,364 3,044 8,658 10,600 4,546 16,527 623 27,356 667 1,793 2,098 74,363 691 3,3462 3,342 3,3462 3,3462 5,66	Daily 0.2 0.3 0.3 0.2 0.1 0.1 0.1 0.2 0.0 -0.6 0.0 0.3 -0.6 0.0 0.3 -0.8 -0.2 0.2 -0.5 0.6 -1.7 Daily -0.1 -0.1 -0.1 -0.1 -0.2	1.3 1.4 2.3 1.0 0.8 0.4 0.1 0.9 1.6 1.9 1.7 2.4 2.4 2.7 3.9 2.9 -1.7 3.9 2.9 -1.7 0.8 0.2 -1.4 Weekly 1.2	3 5 6 -2 -1 -6 0 0 -4 6 -5 -3 1 6 -6 -5 3 1 6 -6 5 5 5 5 5 5 5 5 5 9 19 14 13	8 10 -3 10 -7 -9 -1 -2 -2 -2 -2 -2 -1 22 42 6 10 -4 19 4 5 -8 12 YTD 16 19 9 9
LZ TED spend 3m LZ TED spend 3	Stock matk dell 200 210 210 2112 16,381 3,044 8,658 10,606 41,607 63,317 26,267 61,372 45,472 41,472 41,472 41,472 41,472 41,472 41,472 41,472 41,472 41,472 41,472 41,472 41,472 41,472 41,472 41,472 41,472 41,472 41,472 41,474 41,474 41,474 41,474 41,474 41,474 41,474 41,474 41,474 41,474 41,474 41,474 41,474 41,474 41,474 41,474	Daily 0.2 0.3 0.3 0.3 0.4 0.5 0.6 0.7 0.8 0.03 0.3 0.4 0.5 0.6 0.7 0.8 0.2 0.4 0.5 0.6 0.7 0.7 0.8 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 0.1 0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	1.3 1.4 2.3 1.0 0.8 0.4 0.1 0.9 0.9 1.6 1.9 1.7 2.4 2.7 3.9 2.9 4.7 0.8 8.2 2.2 4.4 Weekly 1.8 1.2 2.0 3.1 1.2 0.8 0.2 0.4 0.4 0.4 0.4 0.4 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	3 5 6 -2 -1 -6 0 -4 -5 -5 -4 -5 3 1 -6 -5 5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -	8 10 -3 -3 -1 -7 -9 -1 -2 -2 -1 -2 -2 -1 -2 -2 -2 -1 -2 -2 -2 -1 -2 -2 -2 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
E2TED spread 3m Existin for an SetSP30 Dow Jonns Nokid SetSP30 Dow Jonns Model TFISE 100 Cardon ASK Aterns ASK Aterns ASK Aterns Motod Motod MSC IDM Karspes ¹ Pendra Motod MSC IDM Karspes ¹ Pendra Motod MSC IDM Karspes ¹ Pendra MSC IDM Karspes ¹ Pendra	Stock matk et / local 2 100 14 138 16 138 16 138 10 608 4 160 4 160 4 165 4 100 6 137 7 2,626 6 1372 4 5,420 4 5,620 4 5,620 4 5,620 4 5,620 5 1,622 5 1,622 5 1,622 5 1,622 5 1,625 5 1,6255 5 1,6255	 baily c.2 0.3 0.3 0.2 0.3 0.2 0.1 0.0 0.1 0.1 0.2 0.6 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.4 	1.3 1.4 2.3 1.0 0.8 0.4 0.4 0.9 0.9 1.6 1.9 1.7 2.4 2.7 3.9 -1.7 2.4 2.2 2.9 -1.7 0.8 2.2 2.1 4 Weekly 1.2 2.0 8 1.2 2.0 8 1.2 2.0 8 1.2 2.0 8 2.0 2.0 8 2.0 8 2.0 8 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	3 5 6 -2 -1 -6 0 0 -4 -6 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	8 10 -3 -3 -1 -7 -9 -1 -2 -23 -23 -1 -1 -2 -23 -23 -23 -1 -1 -2 -23 -23 -1 -1 -2 -23 -23 -1 -1 -2 -2 -23 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
E2TED spred 3m E2TED spred 3m Exhibite for a E2EPS0 Dow Jonn Nobi Exhibite for Dow Jonn Dow J	Stock markets (2,208) 19,30 19,30 19,30 19,30 19,30 10,600 4,346 4,346 4,346 4,346 4,346 4,346 4,346 4,346 4,346 1,722 4,54200 4,542000 4,542000 4,54200000000000	 baily 0.2 0.3 0.3 0.3 0.4 0.1 0.2 0.5 0.4 0.9 	1.3 1.4 2.3 1.0 0.8 0.4 0.9 0.9 1.6 1.9 1.7 2.4 2.7 3.9 2.2 1.7 2.4 2.7 3.9 2.2 1.7 1.7 2.4 2.7 3.9 2.2 1.7 1.7 2.4 2.9 1.7 2.4 2.9 1.7 2.9 1.7 2.4 2.9 1.7 2.9 1.7 2.4 2.9 1.7 2.9 1.7 2.4 2.9 1.7 2.4 2.9 1.7 3.9 2.9 1.7 3.9 2.9 1.7 3.9 2.9 1.7 3.9 2.9 1.7 3.9 2.9 1.7 3.9 2.9 1.7 3.9 2.9 1.7 3.9 2.9 1.7 3.9 3.9 1.7 3.9 2.9 1.7 3.9 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1	3 5 6 -2 -1 -6 0 0 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	8 10 -3 -3 -7 -7 -7 -9 -1 -2 -23 -1 -2 -23 -1 -2 -23 -1 -2 -23 -1 -2 -23 -1 -2 -23 -1 -2 -23 -1 -2 -2 -2 -3 -4 -5 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7
E2TED speed 3m Self-Bon exa	Stock markets (2,208) 19,139 19,139 19,139 19,139 19,139 10,630 4,044 8,056 10,630 4,046 16,23 7,22,626 61,372 4,5420 4,665 1,293 3,262 5,122 108,7 7,26,6 5,66 4,00 3,20 2,11,9 8,9,1 5,5,0 10,8, 10,8 10,8 10,8 10,8 10,8 10,8 1	 baily 0.2 0.3 0.3 0.3 0.4 0.5 0.4 0.5 0.4 0.4 	1.3 1.4 2.3 1.0 0.8 0.4 0.9 1.6 1.9 1.9 1.6 1.9 1.9 1.6 1.9 1.9 1.6 1.9 1.9 1.6 1.9 2.4 2.4 2.7 3.9 2.9 2.9 2.9 2.9 2.9 1.2 2.7 1.2 2.0 8 0.8 8 0.4 1.9 1.9 1.9 1.6 1.9 1.9 1.6 1.9 1.9 1.6 1.9 1.9 1.6 1.9 1.9 1.6 1.9 1.9 1.6 1.9 1.9 1.6 1.9 1.9 1.6 1.9 1.9 1.6 1.9 1.9 1.6 1.9 1.9 1.6 1.9 1.9 1.6 1.9 1.9 1.6 1.9 1.9 1.7 2.4 2.4 2.7 1.7 2.4 2.7 1.0 2.9 2.9 1.6 1.9 1.9 1.6 1.9 1.9 1.6 1.9 1.9 1.7 2.4 2.4 2.7 1.0 2.1 2.7 1.0 2.1 2.7 1.0 2.1 2.7 1.0 2.1 2.7 1.0 2.1 2.7 1.0 2.1 2.7 1.0 2.1 2.7 1.0 2.1 2.7 1.0 2.1 2.7 1.0 2.0 2.1 1.0 1.0 1.0 1.0 1.0 1.0 1.0 2.2 2.7 1.0 2.0 2.0 1.0 1.0 2.2 2.1 1.0 1.0 1.0 1.0 2.2 2.1 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0	3 5 6 -2 -1 -1 -6 0 0 -0 -4 6 -5 -5 -3 1 1 6 -6 -5 5 5 5 5 5 5 5 19 14 13 22 220 4 4 9 11 16 6 -6 13 19 14 -1 -1 -1 -1 -1 -1 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	8 10 3 10 7 7 9 1 2 2 2 3 1 2 2 2 3 4 2 2 1 2 2 4 2 1 2 2 3 4 1 2 2 3 4 1 2 9 9 2 3 1 1 5 0 0 3 4 2 2 9 3 4 4 5 6 6 6 1 9 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
E2TED speed 3m Selection E2TED speed 3m Selection E2TED speed 3m Selection Extra Selection Extra Selection EXTER Selection	Stock mark (ed) 2 (00) 2 (00) 1 (10) 1 (10	 baily 0.2 0.3 0.3 0.3 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.5 0.4 0.5 0.4 0.5 0.3 	1.3 1.4 2.3 1.0 0.8 0.4 0.1 0.9 1.6 0.9 1.7 2.4 2.4 2.4 2.7 3.9 2.9 2.9 2.9 2.9 2.9 2.4 2.4 2.4 2.4 2.4 2.4 2.4 2.4 2.4 2.4	3 5 6 -2 -1 -1 -6 0 0 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	8 10 3 10 7 -7 -7 -7 -7 -7 -7 -7 -7 -7
E2TED spread 3m Existin exist Set590 Dow Jonns Set590 Dow Jonns Nikid Exervises 20 Dow Jonns Dow Jonn	Stock mark et i iord 2,208 10,308 10,308 4,346 4,346 4,346 4,346 10,600 4,346 4,346 10,600 10,700 10	Daily 0.2 0.3 0.3 0.3 0.3 0.4 0.5 0.6 0.7 0.8 0.3 0.3 0.4 0.5 0.6 1.7 0.8 0.2 0.5 0.6 1.7 0.3 0.2 0.3 0.2 0.5 0.6 1.7 0.3 0.2 0.3 0.2 0.3 0.4 0.5 0.9 0.3 0.4 0.5 0.3 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	1.3 1.4 1.4 2.3 1.0 0.8 0.4 1.0 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0	3 5 6 -2 -1 -1 -6 -0 -4 -5 -5 -3 -1 -6 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	8 10 -7 -7 -9 -1 -2 -2 -2 -3 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
E2TED speed 3m Existences SeeSeo Dow Jonns Nobie ESESEO Dow Jonns Nobie ESESEO Dow Jonns How Sources RES ASK Afters NGC JAM MSC Marcos ASK Afters JAM MSC ASK ASK Afters JAM MSC ASK ASK Afters JAM MSC ASK ASK Afters JAM MSC ASK ASK Afters JAM MSC ASK ASK Afters JAM MSC ASK ASK Afters JAM MSC ASK ASK ASK Afters JAM MSC ASK ASK ASK ASK ASK ASK ASK ASK	Stock markets (2,208) 19,30 19,30 19,30 19,30 19,30 19,30 10,600 4,366 4,366 4,366 4,366 4,366 6,1372 4,520 4,5	Daily 0.2 0.3 0.3 0.3 0.3 0.4 0.5 0.6 0.7 0.8 0.9 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 0.3 0.2 0.5 0.6 1.7 0.1 0.3 0.2 0.5 0.6 0.7 0.8 0.9 0.3 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5	1.3 1.4 1.4 2.3 1.0 0.8 0.4 1.0 0.9 0.8 0.4 1.0 0.9 1.6 1.9 2.4 2.7 2.9 1.7 2.4 2.7 2.9 2.9 2.9 2.9 1.7 2.4 2.7 2.9 2.9 1.7 2.4 2.7 2.9 1.7 2.4 2.7 2.9 1.7 2.4 2.7 2.9 1.7 2.4 2.7 2.9 1.7 2.4 2.7 2.9 1.7 2.4 2.7 2.9 2.9 1.7 2.4 2.7 2.9 2.9 1.7 2.4 2.7 2.9 1.7 2.9 1.7 2.9 2.9 1.7 2.9 1.7 2.9 1.7 2.9 1.7 2.9 2.9 1.7 2.9 1.7 2.9 1.7 2.9 1.7 2.9 1.7 2.9 1.7 2.9 1.7 2.9 1.7 2.9 1.7 2.9 1.7 2.9 1.7 2.9 1.7 2.9 1.7 2.9 1.7 2.9 1.7 2.9 1.7 2.9 1.7 2.9 1.7 2.9 1.7 2.0 8 1.2 2.0 2.0 1.1 1.2 2.0 0.8 1.2 2.0 0.8 0.0 2.1 1.2 1.2 1.2 0.8 0.0 2.1 1.2 1.2 1.2 0.7 0.7 1.7 1.2 1.2 1.2 0.0 0.2 1.1 1.2 1.2 0.0 0.0 1.1 1.2 1.2 0.0 0.0 1.1 1.2 1.2 1.2 0.0 0.0 1.1 1.2 1.2 0.0 0.0 1.1 1.2 1.2 0.0 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	3 5 6 -2 -1 -1 6 0 0 -4 -4 6 -5 -5 -5 -5 -5 1 1 6 -6 -5 -5 -5 -5 1 1 9 14 13 22 20 20 4 4 4 9 9 111 16 6 -6 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7	8 10 -3 -7 -9 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
E2TED spred 3m Self-Bob E2TED spred 3m Self-Bob Exercises Self-	Stock markets (2,208) 19,139 19,139 19,139 19,139 19,139 10,630 4,540 4,540 4,540 4,540 4,540 4,565 1,293 4,542 4,542 4,542 4,565 1,293 3,643 3,64 5,50 4,05 5,122 108,7 7,26 108,7 7,26 108,7 7,26 108,7 7,26 108,7 7,26 108,7 7,26 108,7 7,26 108,7 7,26 108,7 7,26 108,7 7,26 108,7 7,26 108,7 7,26 108,7 7,26 108,7 7,26 108,7 7,26 108,7 7,26 108,7 7,26 108,7 7,26 108,7 7,27 108,7 7,26 108,7 7,27 108,7 108	Daily 0.12 0.2 0.3 0.3 0.3 0.3 0.4 0.5 0.6 0.7 0.8 0.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.3 0.4 0.5 0.6 0.7 0.8 0.9 0.1 0.3 0.2 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.5 0.4 0.5 0.5 0.5 0.5 0.5 <	1.3 1.4 2.3 1.4 2.3 1.4 2.4 2.7 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9	3 5 6 -2 -1 -1 6 0 0 -4 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -7 -7 -1 1 6 -6 -6 -5 -5 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7	8 8 10 -3 -7 -9 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
E2TED speed 3m S25P50 Dow Lons S25P50 Dow Lon	Stock mark del 2000 2000 10,138 16,381 3,044 4,8654 16,566 16,566 16,567 61,372 61,372 61,372 4,665 1,793 2,098 74,363 3,2098 74,363 3,2098 74,363 3,2098 74,363 3,2098 74,363 3,2098 1,873 2,2098 1,873 2,2098 1,873 2,2098 1,985 1,995 2,109 2,109 2,109 2,109 2,00 3,009 2,109 2,00 3,009 2,109 2,00 3,009 2,109 2,00 3,009 2,109 2,00 3,009 2,109 2,00 3,009 2,009	Daily Construction Daily Construction 0.2 0.3 0.2 0.3 0.2 0.3 0.2 0.3 0.2 0.3 0.2 0.3 0.4 0.1 0.0 0.0 0.1 0.0 0.1 0.1 0.1 0.1 0.2 0.5 0.0 0.0 0.3 0.2 0.5 0.5 0.4 0.4 0.3 0.5 0.5 0.5 0.4 0.4 0.2 0.5 0.5 0.5 0.4 0.4 0.2 0.5 0.5 0.5 0.4 0.4 0.2 0.5 0.2 0.2 0.7 0.2 0.2 0.7 0.2 0.2 0.7 1.0 0.4	1.3 1.4 1.4 1.4 1.3 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	3 5 6 -2 -1 -1 -6 -0 0 -2 -7 -5 -5 -4 -6 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	8 10 -3 -3 10 -7 -9 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
E2100 perced 3m Existin de ca Sec500 Dow Jonne Book anno E26500 Dow Jonne Book Boo	Stock mark et / iord 2 2008 10,808 10,808 10,808 4,346 4,446 4,4	20 0.2 0.3 0.2 0.3 0.2 0.3 0.2 0.3 0.2 0.3 0.2 0.3 0.2 0.3 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	1.3 1.4 2.3 1.4 2.3 1.0 0.8 0.4 0.1 0.9 0.9 1.6 1.9 1.9 1.7 2.4 2.4 2.7 2.4 2.4 2.4 2.4 2.4 2.4 2.4 2.4 2.4 2.4	3 5 6 -2 -1 -1 6 0 0 4 6 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	8 10 -3 10 -7 -9 -9 -1 -2 -23 -1 -2 -23 -1 -2 -23 -1 -2 -23 -1 -2 -23 -1 -2 -23 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
E2100 spread 3m E2100 spread 3m Exhibite for SEP500 Dow Jonns Nikid E2500 Dow Jonns HB2 MB2 HB2 HB2 HB2 HB2 HB2 HB2 HB2 H	Stock market / ievel 2,209 19,30 19,30 10,50 4,541 3,344 8,658 10,660 4,356 10,650 4,356 10,571 72,626 6,1372 4,5420 4,665 1,729 4,5420 4,665 1,729 4,555 1,729 4,555 1,729 108,7 726,5 6,91 3,262 5,122 108,7 726,5 6,91 3,262 5,122 108,7 726,5 6,91 3,262 5,122 108,7 726,5 10,50 20,	20 Daily 2 0.2 0.3 0.2 0.3 0.2 0.3 0.2 0.3 0.2 0.3 0.3 0.2 0.1 0.0 0.1 0.0 0.1 0.1 0.1 0.1	1.3 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	3 5 6 -2 -1 -1 -6 -0 0 -2 -1 -6 -5 -5 -3 3 1 6 -6 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	8 10 -3 10 -7 -9 -1 -2 -2 -3 -1 -2 -2 -2 -3 -1 -2 -2 -2 -3 -4 -4 -4 -5 -8 -8 -8 -1 -2 -2 -2 -3 -1 -2 -2 -2 -3 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
E2TED spred 3m S25P50 S25P50 Dow Jones Extension Extens	Stock matked? Even Ev	20 Daily 4 0.2 0.3 0.2 0.3 0.2 0.3 0.2 0.3 0.2 0.3 0.3 0.2 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.3 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	3 5 6 -2 -1 -1 -6 -0 0 -4 -5 -5 -1 -6 -6 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	8 10 3 10 -7 9 -1 -2 -2 -1 -2 -1 -2 -1 -2 -1 -2 -2 -1 -2 -34 -5 -8 10 -4 -5 -8 -10 -4 -5 -8 -10 -4 -5 -7 -6 -7 -7 -8 -9 -34 -34 -33 -2 -34 -33 -2 -14 -14 -14 -14 -14 <t< td=""></t<>
E2100 spread 3m E2100	Stock matk et / iowi 2 2008 10,88 10,880 4,346 4,456	20 Daily 0.2 0.3 0.2 0.3 0.2 0.3 0.2 0.3 0.2 0.3 0.2 0.3 0.2 0.1 0.0 0.1 0.0 0.1 0.0 0.1 0.0 0.2 0.3 0.2 0.3 0.2 0.3 0.2 0.3 0.2 0.3 0.2 0.3 0.2 0.3 0.2 0.3 0.2 0.3 0.2 0.3 0.2 0.3 0.2 0.3 0.2 0.3 0.2 0.3 0.2 0.3 0.2 0.3 0.2 0.0 0.3 0.2 0.0 0.3 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.3 1.4 1.4 2.3 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	3 5 6 -2 -1 -1 6 -0 0 -4 -5 -5 -4 -4 -5 -3 1 1 6 -6 -5 -5 -5 -5 -5 -5 -1 -1 -1 -1 -1 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	8 10 -3 10 -7 -9 -1 -2 -23 -1 -2 -23 -1 -2 -23 -2 -20 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
E2100 spread 3m E2100 spread 3m E2100 spread E2500 Dow Jonn E2500 Dow Jonn E2500 E250	Stock mark et / iowi 2,209 1,209 1,304 4,304 4,304 4,304 4,305 1,060 4,315 7,2626 6,1372 4,5420 4,305 1,209 7,4,303 6,91 3,362 5,122 1,007 1,0	Daily Daily Daily 0.2 0.3 0.2 0.3 0.2 0.3 0.2 0.3 0.1 0.0 0.1 0.1 0.2 0.3 0.6 0.3 0.4 0.2 0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.4 0.5 0.4 0.5 0.4 0.5 0.7 0.7 0.7 0.7 0.7 <td>1.3 1.4 1.4 2.3 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4</td> <td>3 5 6 2 2 1 4 6 0 0 4 4 5 5 3 1 1 6 6 5 5 3 1 1 6 6 5 5 3 1 1 6 6 5 5 3 1 1 6 6 7 5 3 1 1 6 6 7 7 7 8 7 8 7 8 7 8 7 8 7 8 9 9 14 8 7 9 9 14 8 7 9 9 14 8 7 9 14 8 7 9 14 8 7 9 14 8 7 9 14 8 7 9 14 15 7 9 14 16 7 7 9 11 16 7 7 9 11 16 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7</td> <td>8 10 3 10 7 9 -1 2 -23 1 2 -23 1 2 2 2 1 1 2 2 2 1 1 2 2 2 1 1 2 2 2 1 1 2 2 2 1 1 2 2 2 1 1 2 2 2 1 1 2 2 2 2 1 1 2 2 2 2 1 1 2 2 2 2 1 1 2 2 2 2 1 1 2 2 2 2 1 1 2 2 2 2 1 1 2 2 2 2 1 1 2 2 2 2 1 1 2 2 2 2 1 1 2 2 2 2 2 3 1 1 2 2 2 2 2 2 3 1 1 5 5 5 5 5 5 5 5 5 5 5 5 5</td>	1.3 1.4 1.4 2.3 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	3 5 6 2 2 1 4 6 0 0 4 4 5 5 3 1 1 6 6 5 5 3 1 1 6 6 5 5 3 1 1 6 6 5 5 3 1 1 6 6 7 5 3 1 1 6 6 7 7 7 8 7 8 7 8 7 8 7 8 7 8 9 9 14 8 7 9 9 14 8 7 9 9 14 8 7 9 14 8 7 9 14 8 7 9 14 8 7 9 14 8 7 9 14 15 7 9 14 16 7 7 9 11 16 7 7 9 11 16 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	8 10 3 10 7 9 -1 2 -23 1 2 -23 1 2 2 2 1 1 2 2 2 1 1 2 2 2 1 1 2 2 2 1 1 2 2 2 1 1 2 2 2 1 1 2 2 2 1 1 2 2 2 2 1 1 2 2 2 2 1 1 2 2 2 2 1 1 2 2 2 2 1 1 2 2 2 2 1 1 2 2 2 2 1 1 2 2 2 2 1 1 2 2 2 2 1 1 2 2 2 2 1 1 2 2 2 2 2 3 1 1 2 2 2 2 2 2 3 1 1 5 5 5 5 5 5 5 5 5 5 5 5 5
EZTED spred 3m EZTED spred 3m Starten ex Set200 Dow Jonn Exercise Set200 Dow	Stock mark et / ievel 2,209 19,30 19,30 10,50 4,344 8,658 10,660 4,346 10,660 4,346 10,660 4,346 10,660 4,346 10,660 4,346 10,660 4,346 10,660 4,346 10,660 4,346 10,660 4,346 10,660 4,346 10,660 4,346 10,660 4,346 10,660 10,671	Daily Daily D.2 0.2 0.3 0.2 0.3 0.2 0.3 0.2 0.3 0.2 0.1 0.1 0.1 0.1 0.1 0.2 0.3 0.4 0.5 0.6 0.3 0.4 0.2 0.4 0.2 0.4 0.5 0.7	1.3 1.4 1.4 2.3 1.4 1.4 2.3 0.8 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	3 5 6 2 2 1 4 6 0 0 4 4 5 5 3 1 6 6 5 5 3 1 1 6 6 5 5 3 1 1 6 6 5 5 3 1 1 6 6 5 5 3 1 1 6 6 7 5 3 1 1 6 6 7 7 7 7 8 7 9 9 9 9 9 9 9 9 9 9 9 9 9 9	8 10 3 10 7 9 -1 2 -23 1 2 -23 1 2 2 2 1 2 2 2 1 1 2 2 2 1 1 2 2 2 1 1 2 2 2 1 1 2 2 2 1 1 2 2 2 1 1 2 2 2 1 1 2 2 2 2 1 1 2 2 2 2 1 1 2 2 2 2 1 1 2 2 2 2 1 1 2 2 2 2 1 1 2 2 2 2 1 1 2 2 2 2 1 1 2 2 2 2 1 1 2 2 2 2 1 1 2 2 2 2 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2
EZTED spread 3m EZTED spread 3m Set5960 Dow Jones Set5960 Dow Jones Set5960 Dow Jones Set5960 Dow Jones Set5960 Dow Jones Set59600 Set5960 Set59600 Set59600 Set59600 Set59600	Stock mark etc)	Daily Daily Daily D.2 0.2 0.3 0.2 0.3 0.2 0.3 0.1 0.0 0.1 0.0 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.3 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.5 0.6 0.7 1.1 0.2 0.7 1.1 0.2 0.7 1.10 0.2 0.2 0.7 1.1 0.2 0.4	1.3 1.4 1.4 2.3 1.4 2.3 0.8 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	3 5 6 2 2 - - - - - - - - - - - - -	8 8 10 3 10 17 9 12 22 23 12 24 1 22 24 24 24 24 24 24 24 24 24
EZTED spread 3m EZTED spread 3m Spread 3m	Stock mark et al. ione 2 100 1013	Daily Daily Daily O.2 0.3 0.2 0.3 0.2 0.3 0.2 0.3 0.2 0.3 0.0 0.1 0.2 0.5 0.6 0.7 0.8 0.9 0.2 0.5 0.6 1.7 0.3 0.2 0.5 0.6 0.7 0.8 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 <td>1.3 1.4 1.4 2.3 1.4 1.4 2.3 0.8 0.4 1.0 0.4 1.0 0.4 1.0 0.4 1.0 0.4 1.0 0.4 1.0 1.7 2.4 1.7 2.0 2.0 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1</td> <td>3 5 6 2 2 3 4 6 6 4 6 4 6 5 5 1 1 6 6 6 5 5 1 1 8 7 9 14 13 22 20 14 13 22 20 4 4 13 22 20 4 13 13 22 20 4 13 13 22 20 4 13 13 22 20 4 13 13 22 20 4 13 13 22 20 4 13 13 22 20 4 14 13 22 20 10 10 10 10 10 10 10 10 10 10 10 10 10</td> <td>8 10 3 10 7 9 1.1 7 9 2.2 2.2 2.2 2.2 2.2 2.2 2.2</td>	1.3 1.4 1.4 2.3 1.4 1.4 2.3 0.8 0.4 1.0 0.4 1.0 0.4 1.0 0.4 1.0 0.4 1.0 0.4 1.0 1.7 2.4 1.7 2.0 2.0 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1	3 5 6 2 2 3 4 6 6 4 6 4 6 5 5 1 1 6 6 6 5 5 1 1 8 7 9 14 13 22 20 14 13 22 20 4 4 13 22 20 4 13 13 22 20 4 13 13 22 20 4 13 13 22 20 4 13 13 22 20 4 13 13 22 20 4 13 13 22 20 4 14 13 22 20 10 10 10 10 10 10 10 10 10 10 10 10 10	8 10 3 10 7 9 1.1 7 9 2.2 2.2 2.2 2.2 2.2 2.2 2.2
E2 (TE) spread 3m E2 (TE) spread 3m E2 (TE) spread 3m E2 (E2 (TE) spread 3m E2 (E2 (TE) spread 3m E2 (T	Stock mark et / iove 2,209 1,209 1,304 1,6381 3,304 4,668 4,460 4,466 4,552 7,2626 6,1372 4,520 4,52	Daily Daily 0.2 0.3 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 0.9 0.1 0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.7 1.0 0.7 0.7	1.3 1.4 1.4 2.3 0.6 1.4 1.4 2.3 0.6 1.5 1.7 2.4 1.7 2.4 2.2 2.9 4.7 2.4 2.2 2.9 4.7 2.4 2.2 2.9 4.7 2.4 2.2 2.9 4.7 2.4 2.4 2.4 2.4 2.4 2.4 2.4 2.4	3 5 6 2 2 1 1 6 6 6 6 5 5 5 7 1 9 1 4 6 6 5 5 5 7 1 9 1 4 1 9 1 1 1 1 2 2 2 2 0 4 4 9 1 1 1 1 2 2 2 2 0 4 4 4 9 1 1 2 2 2 2 0 4 4 4 9 1 1 2 2 2 1 1 5 5 5 5 5 5 5 5 5 5 5 5 5	8 10 3 10 7 9 9 12 23 23 23 24 24 24 26 6 10 4 4 19 4 5 5 10 22 23 24 24 24 26 10 4 4 5 5 20 23 21 22 23 24 24 25 24 25 25 25 25 25 25 25 25 25 25
E2100 spred 3m E2100 spred 3m	Stock mark det)	>>>>>>>>>>>>>>>>>>>>>>>>>>>>	1.3 1.4 1.4 2.3 0.4 1.4 2.3 0.6 1.4 1.6 1.9 1.6 1.7 2.4 2.9 1.7 2.4 2.9 2.9 1.7 2.4 2.9 2.9 1.7 2.4 2.9 2.9 1.7 2.4 2.9 2.9 1.7 2.4 2.9 2.9 1.7 2.4 2.9 2.9 1.7 2.4 2.9 2.9 1.7 2.4 2.9 2.9 1.7 2.4 2.9 2.9 1.7 2.4 2.9 2.9 1.7 2.4 2.9 2.9 2.9 1.7 2.4 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9	3 5 6 7 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8	8 10 3 10 7 7 9 1 2 2 2 2 2 2 2 2 2 2 2 2 2
EZTED spred 3m EZTED spred 3m Spred 3m Spred 3m	Stock mark et /	Daily Daily 0.2 0.3 0.2 0.3 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.6 0.7 0.8 0.7 0.8 0.7 0.5 0.4 0.2 0.4 0.7 0.7 0.8 0.7	1.3 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	3 5 6 7 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	8 8 10 3 10 7 7 9 1 1 1 7 7 9 1 1 1 1 7 7 9 1 1 1 1
E2100 served 3m E2100 served 3m E2100 served 3m E2500 Dow Jonn 4 E2500 E2	Stock mark et al. iove: 2009 2009 10,200 10,200 40,200	33 0.11/2 0.2 0.2 0.2 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 0.1 0.2 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.4 0.5 0.6 0.7 0.8 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.4 0.5 0.7 0.8 0.7 0.8	1.3 1.4 1.4 2.3 1.4 2.3 1.4 2.4 1.6 1.6 1.6 1.6 1.6 1.6 1.6 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7	3 3 5 6 6 7 1 6 6 7 1 6 6 6 6 6 6 7 3 1 6 6 6 6 6 6 7 3 1 1 6 6 6 6 6 7 3 1 1 6 6 6 6 6 7 1 1 6 6 6 6 7 1 1 6 6 6 6 6 7 1 1 6 6 6 6 6 7 1 1 6 6 6 6 6 7 7 1 1 1 6 6 6 6 6 6 7 7 1 1 1 6 6 6 6 6 6 7 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1	8 10 10 10 17 7 9 1 2 2 2 2 2 2 2 2 2 2 2 2 2
EZ (TED spread 3m) EX (TED spread 3m) Stable for scale Stable for scale Stable for scale Dow Jone ROM RO	Stock mark et / iowi 2,209 10,30 10,30 4,344 8,658 10,660 4,345 7,2,626 6,1,372 4,5,420 4,363 7,2,626 6,1,372 4,5,420 4,366 7,4,303 6,91 3,362 5,122 1,027	33 Daily 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 0.0 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.3 0.4 0.5 0.4 0.5	1.3 1.3 1.4 1.4 2.3 1.4 2.3 1.4 2.5 1.4 2.5 1.4 2.5 1.4 2.5 1.4 2.5 1.6 1.6 1.6 1.6 1.6 1.6 1.6 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7	3 5 6 7 7 8 8 9 10 10 10 10 10 10 10 10 10 10	8 8 10 10 10 10 10 20 10 10 20 10 10 20 10 10 20 20 20 20 20 20 20 20 20 2
EZTED spread 3m EZTED spread 3m EXTED	Stock mark del	33 0.8.19 0.2 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.8 0.9 0.0 0.0 0.1 0.2 0.0	1.3 1.4 1.4 1.4 2.5 0.8 0.4 0.8 0.4 0.9 0.8 0.4 0.9 0.7 1.5 2.4 2.4 2.4 2.4 2.4 2.4 2.4 2.4	3 5 6 2 1 6 6 2 1 6 6 4 4 5 3 1 1 1 1 1 3 2 2 2 2 2 2 2 2 2 2 2 2 2	8 10 10 10 10 10 10 10 10 10 10
EZ (TE) sepand 3 m EX (TE) sepand 3 m Sel PSO Dow Jona Sel PSO Dow Jona Nobie A Exercises AS Dow Jona REX Dow Jona REX MSCI Marces MSCI Marces </td <td>Stock matked? isource and isource and iso</td> <td>33 0.819 0.2 0.2 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 0.0</td> <td>1.3 1.4 1.4 1.4 2.3 0.8 0.4 0.8 0.4 0.8 0.4 0.8 0.4 0.8 0.4 0.8 0.4 0.8 0.4 0.8 0.4 0.8 0.4 0.8 0.4 0.4 0.4 2.4 2.4 2.4 2.4 2.4 2.4 2.4 2</td> <td>3 5 5 6 2 1 6 0 0 4 4 5 3 1 1 1 6 6 5 5 5 5 5 5 5 5 5 5 5 5 5</td> <td>8 10 3 10 7 9 1 2 2 3 1 1 7 2 2 2 3 1 1 2 2 2 2 1 1 2 2 2 2 2 2 2 2</td>	Stock matked? isource and isource and iso	33 0.819 0.2 0.2 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 0.0	1.3 1.4 1.4 1.4 2.3 0.8 0.4 0.8 0.4 0.8 0.4 0.8 0.4 0.8 0.4 0.8 0.4 0.8 0.4 0.8 0.4 0.8 0.4 0.8 0.4 0.4 0.4 2.4 2.4 2.4 2.4 2.4 2.4 2.4 2	3 5 5 6 2 1 6 0 0 4 4 5 3 1 1 1 6 6 5 5 5 5 5 5 5 5 5 5 5 5 5	8 10 3 10 7 9 1 2 2 3 1 1 7 2 2 2 3 1 1 2 2 2 2 1 1 2 2 2 2 2 2 2 2
EZTED spread 3m EZTED spread 3m EZTED spread 3m EZTED spread 3m EZTED 3m EZTED 3m EZTED 3m EXTED 3m	Stock mark et / ione 2,209 10,30 10,304 4,304 4,304 4,658 10,668 4,368 4,368 4,552 7,2626 6,1372 4,520 4,5	33 Daily 0.2 0.2 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 0.0 0.0 0.1 0.2 0.1 0.2 0.2 0.2 0.2 0.2 0.3 0.4 0.5	1.3 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	3 3 6 6 7 7 8 6 6 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8	8 10 10 10 10 10 10 10 10 10 10
EZTED spread 3m EZTED spread 3m EXTED	Stock mark del	33 0.8.19 0.2 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 0.0 0.1 0.2 0.0 0.1 0.2 0.0 0.1 0.2 0.0 0.2 0.0 0.2 0.0 0.1 0.2 0.3 0.4 0.3 0.4 0.5	1.3 1.4 1.4 1.4 2.3 0.6 0.8 0.8 0.4 0.9 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	3 5 6 2 1 6 6 2 1 6 6 7 4 4 5 3 1 1 1 1 3 1 1 3 2 2 2 2 2 2 2 2 2 2 2 2 2	8 10 10 10 10 10 10 10 10 10 10
EZ (TO speed 3m) EX (TO speed 3m) EX (TO speed 3m) EX (TO speed 3m) Stable for speed 3m) Daw Jona Mark BRA Daw Jona Mark BRA BRA <	Stock mark del boso 2 000 2 000 2 000 2 000 10,136 6,841 3,044 4,8654 6,841 3,044 4,8654 6,841 3,044 4,8654 6,1546 6,1546 6,1546 6,1546 1,793 2,098 7,4,363 3,2998 7,4,363 3,2998 7,4,363 3,2998 7,4,363 3,2998 7,4,363 3,2998 7,4,363 3,2998 7,4,363 3,2998 7,4,363 3,2998 7,4,363 3,2998 3,2	33 0.8.19 0.2 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.8 0.9 0.0	1.3 1.4 1.4 1.4 2.3 0.8 0.4 0.8 0.4 0.9 0.8 0.4 0.9 0.7 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	3 5 6 6 7 7 8 8 9 1 1 1 1 1 1 1 1 1 1 1 1 1	8 8 10 10 10 10 10 10 10 1 1 1 1 2 2 1 1 1 2 2 2 2
EZ (TED speed 3 om EX (Ten seed 3 om Stall in dec 3 Dow Jona Dow Jona Dow Jona Stall in dec 3	Stock matkets isource and the set of the se	33 0.819 0.2 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 0.0	1.3 1.4 1.4 1.4 2.3 0.8 0.4 0.8 0.4 0.8 0.4 0.8 0.4 0.9 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	3 5 5 6 2 1 6 0 0 4 4 5 3 1 1 1 6 6 5 5 5 5 5 5 5 5 5 5 5 5 5	8 10 10 10 10 10 10 10 10 10 10
EZ TED separad Jam EZ TED separad Jam Stable for soll Stable for soll Daw Jam BORN JAM <t< td=""><td>Stock mitk et / iowi 200 210 211 211 211 211 211 211</td><td>33 0.0.19 0.2 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 0.0 0.1 0.2 0.0 0.1 0.2 0.0</td><td>1.3 1.4 1.4 1.4 2.3 0.6 0.8 0.4 0.8 0.4 0.9 0.7 1.7 0.8 0.2 1.7 0.8 0.2 1.2 0.2 1.2 0.2 1.2 0.2 1.2 0.2 1.2 0.2 1.2 0.2 1.2 0.2 1.2 0.2 1.2 0.2 1.2 0.2 1.2 0.2 1.2 0.2 1.2 0.2 1.2 0.2 0.2 1.2 0.2 0.2 1.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0</td><td>3 3 6 6 7 7 6 6 7 7 7 8 7 7 8 7 7 7 8 7 7 7 7 7 7 7 7 7 7 7 7 7</td><td>8 10 10 10 10 10 10 10 10 10 10</td></t<>	Stock mitk et / iowi 200 210 211 211 211 211 211 211	33 0.0.19 0.2 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 0.0 0.1 0.2 0.0 0.1 0.2 0.0	1.3 1.4 1.4 1.4 2.3 0.6 0.8 0.4 0.8 0.4 0.9 0.7 1.7 0.8 0.2 1.7 0.8 0.2 1.2 0.2 1.2 0.2 1.2 0.2 1.2 0.2 1.2 0.2 1.2 0.2 1.2 0.2 1.2 0.2 1.2 0.2 1.2 0.2 1.2 0.2 1.2 0.2 1.2 0.2 1.2 0.2 0.2 1.2 0.2 0.2 1.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0	3 3 6 6 7 7 6 6 7 7 7 8 7 7 8 7 7 7 8 7 7 7 7 7 7 7 7 7 7 7 7 7	8 10 10 10 10 10 10 10 10 10 10
EZ (TED speed 3 om EX (Ten seed 3 om Stall in dec 3 Dow Jona Dow Jona Dow Jona Stall in dec 3	Stock mark etc)	33 0.819 0.2 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 0.0	1.3 1.4 1.4 1.4 2.3 0.8 0.4 0.8 0.4 0.8 0.4 0.8 0.4 0.9 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	3 5 6 7 7 6 6 7 7 7 8 7 8 9 10 10 10 10 10 10 10 10 10 10	8 10 10 10 10 10 20 10 10 20 10 10 20 20 10 10 20 20 20 20 20 20 20 20 20 2



Source: Bloomberg, Datastream and Haver * With one day delay



Debt markets	(10Y, %, d	anges in t	p) Week	Month	YTD
US (2-yr) US	1.14 2.36	2.0 1.5	7.5 1.0	Month 27 57	9 9
GER (2-yr) Germany	-0.75 0.23	-1.6 -2.9	-8.2 -4.2	-11 15	-41 -40
France Spain	0.78	-1.6 -3.5	1.5 -3.9	41 43	-21 -22
Italy Portugal	2.07 3.59	-5.8 -8.2	-2.0 -26.9	62 38	48 107
Greece Japan (2-vr)	6.94 -0.14	-0.4	-12.1 2.7 10.6	-135	-135 -13 -22
Japan Emerging Markets	0.04 level	2.3 0.2 Daily	Weekly	11 -22 Monthly	
Brazil Chile	12.08 4.63	19.6 0.0	-2.8 1.0	82 43	-443 -5
Colombia Mexico	7.54 7.45	0.0 -0.9	-1.1 14.4	28 130	-112 119
Peru Poland	6.38 3.57	-3.5 -3.8	-7.9 -13.5	66 51	-109 62
Russia Turkey	8.87 10.99	3.7 5.0	5.4 17.0	46 129	-69 52
India Indonesia	6.23 8.32	4.6 9.2	-19.6 49.4	-54 124	-153 -42
Country ris Developed Markets	k (bp, chang level	es in bp) Daily	Weekly	Monthly	YTD
10-yr sovereign spread vs Germany France	55	1.3	5.7	26	19
Italy Portugal	184 336	-2.9	2.2 -22.7	47 23	88 147
Spain	133	-0.5	0.4	28	18
2-yr sovereign spread vs Germany France	15	-0.3	8.0	11	12
Italy Portugal	84 114	2.2 2.5	12.0 -4.1	28 23	52 69
Spain Emerging Markets	64 level	2.5 Daily	11.1 Weekly	22 Monthly	29 YTD
5-yr sovereign CDS * Brazil	302	1	-4	42	-190
Chile Colombia	94 198	1	-5	8	-32 -41
Mexico	188	0	2	46	18
Peru Venezuela	124 4.263	0	318	999	-1781
Poland Russia	83 225	0 -1	-3 -5	9 5	11 -77
T urkey China	289 119	-4	3	47	15 10
India Indonesia	144 173	0 -1	1 -5	6 25	-4 -53
Volatilty indicators (%)	k indicators level	Daily	Weekly	Monthly	YTD
VIX VST OXX	13 21	1.6 4.1	-2 2	-11 12	-6 -1
EM EFT volatility Index Dollar/euro volatility	21	-0.8 -6.6	-2	2 40	-7
EM FX volatility index Credit spread (BAA) (bps)	11 248	-0.0 0.7 -1.5	-12	40 18 -11	-2 -76
US bonds volatility index	79	0.0	-4	32	16
Banking 5 y CDS (bps) * US	level 73	Daily 0.0	Weekly 4	Monthly -2	YTD -2
EZ UK	132 102	-0.4	0	19	49 24
Large Spanish Medium Spanish	143 169	0.0	-1 -4	23 16	6 11
Corporate 5y CDS (bps) * US Non-financial	level 188	Daily	Weekly	Monthly	YTD
EZ Non-financial	109	0.0 -0.4	4	-2 19	-2 49
UK Non-financial Interbank mar	130 kets (%, ch			-6	-62
EONIA Index	level -0.35	Daily 0.00	Weekly 0.0	Monthly 0.0	YTD -0.2
Euribor 3m Euribor 12m	-0.31 -0.08	0.00	0.0 0.0	0.0	-0.2 -0.1
Libor 3m Libor 12m	0.93	0.00	0.0	0.0	0.3
EZ TED spread 3m	48.9	0.90	1.2	-6.3	8.1
Stoc Main indices	k markets (%) Daily	Weekly	Monthly	YTD
S&P500 Dow Jones	2.209 19.138	0.2	1.3 1.4	3	8 10
Don solids	10,100	0.3	2.3	6	-4
Nikkei	18,381				
FTSE 100 EuroStoxx 50	6.841 3.044	0.2	1.0 0.8	-2 -1	10 -7
FTSE 100 EuroStoxx 50 IBEX DAX	6.841 3.044 8.658 10,680	0.2 0.1 0.0 -0.1	1.0 0.8 0.4 0.1	-2 -1 -6 0	10 -7 -9 -1
FTSE 100 EuroStoxx 50 IBEX DAX CAC MIB	6,841 3,044 8,658 10,680 4,546 16,527	0.2 0.1 0.0 -0.1 0.1 0.2	1.0 0.8 0.4 0.1 0.9 1.6	-2 -1 -6 0 0 -4	10 -7 -9 -1 -2 -23
FTSE 100 EuroStoxx 50 IBEX DAX CAC ASE Athens MSC Latam *	6.841 3.044 8.658 10,680 4.546 16,527 623 72,626	0.2 0.1 0.0 -0.1 0.1 0.2 0.0 -0.6	1.0 0.8 0.4 0.1 0.9 1.6 1.9 1.7	-2 -1 -6 0 -4 6 -5	10 -7 -9 -1 -2 -23 -1 22
FTSE 100 EuroStoxx 50 IBEX DAX CAC ANIB ASE Athens MSC Latam* Ibovespa (Brazi) Mexbol	6.841 3.044 8.658 10,680 4.546 16,527 623 72,626 61,372 45,420	0.2 0.1 0.0 -0.1 0.1 0.2 0.0 -0.6 0.0 0.3	1.0 0.8 0.4 0.1 0.9 1.6 1.9 1.7 2.4 2.4	-2 -1 -6 0 -4 -5 -5 -4 -5	10 -7 -9 -1 -2 -23 -1 22 -42 -6
FTSE 100 EuroStox 50 BECK EuroStox 50 DAX CAC CAC ASE Ahrens MIB ASE Ahrens MISC Latam ' Ibovespa 6/taxi0 MSC Latam ' MSC Latam ' Polend	6.841 3.044 8.658 10,680 4.546 16,527 623 72.626 61.372 45,420 4.665 1.793	0.2 0.1 0.0 -0.1 0.2 0.0 -0.6 0.0 0.3 0.3 -0.8	1.0 0.8 0.4 0.1 0.9 1.6 1.9 1.7 2.4 2.4 2.7 3.9	-2 -1 -6 0 -4 -5 -4 -5 -3 1	10 -7 -9 -1 -2 -23 -1 22 42 6 10 -4
FTSE 100 EuroStoxx 50 IBEX DAX CAC MB MSC Latem* Iborupsa disazi0 Iborupsa disazi0 Iborupsa disazi0 MSC El Europ* Polard Micro Hussib)	6.841 3.044 8.658 10,680 4.546 16,527 623 72.626 61.372 45,420 4.665 1.793 2.098 74,363	0.2 0.1 0.0 -0.1 0.1 0.2 0.0 -0.6 0.0 0.3 0.3	1.0 0.8 0.4 0.1 0.9 1.6 1.9 1.7 2.4 2.4 2.7	-2 -1 -6 0 -4 6 -5 -4 -5 3	10 -7 -9 -1 -2 -23 -1 22 -42 -6 10
FTSE 100 Exercisions 50 URX CAC MSC Latent*** MSC Latent*** MSC Latent** MSC Latent** MSC Latent** MSC Latent** MSC Latent** MSC Latent** MSC Latent** MSC Latent**	6.841 3.044 8.658 10,680 4.546 16,527 623 72,626 61.372 45,420 4.665 1.793 2.098 74,363 691	0.2 0.1 0.0 -0.1 0.2 0.0 -0.6 0.0 0.3 0.3 -0.8 -0.2	1.0 0.8 0.4 0.1 0.9 1.6 1.9 1.7 2.4 2.4 2.7 3.9	-2 -1 -6 0 -4 -5 -5 -4 -5 3 1 6	10 -7 -9 -1 -2 -23 -1 22 -23 -1 22 -42 -6 10 -4 19
FTSE 100 Exections of D BEX Exections of D BEX BEX BEX BEX BEX BEX BEX BEX BEX BEX	6.841 3.044 8.658 10,680 4.546 16,527 623 72.626 61.372 45,420 4.665 1.793 2.098 74,363	0.2 0.1 0.0 -0.1 0.2 0.0 -0.6 0.0 0.3 0.3 -0.8 -0.2 0.2 -0.5 0.6 -1.7	1.0 0.8 0.4 0.9 1.6 1.9 1.7 2.4 2.4 2.7 3.9 2.9 4.1.7 0.8	-2 -1 -6 0 -4 -5 -4 -5 3 1 6 -6 -5 5 5 5 -5	10 -7 -9 -1 -2 -23 -1 22 -23 -1 22 42 6 10 -4 19 -4 19 -4 5 -8 12
FTSE 100 Exections 50 BEX Exections 50 MEX ASC Afterns 1 MSG Laftner? MSG Laftner? MSG Laftner? MSG Laft Except? Petrol MEX (Statist) Bes 100 (Clever) MSG Laftner? MSG Laftne	6.841 3.044 8.658 10,680 4.546 16,527 623 72,626 61,372 45,420 4.665 1.793 2.098 74,363 691 3.262 5,122 iovel 108,7	0.2 0.1 0.0 -0.1 0.2 0.0 -0.6 0.0 0.3 0.3 -0.8 -0.2 0.2 -0.5 0.6 -1.7 Daily -0.1	1.0 0.8 0.4 0.9 1.6 1.9 1.7 2.4 2.4 2.7 3.9 2.9 4.7 0.8 2.2	-2 -1 -6 0 0 -4 -5 -5 -4 -5 3 1 6 -6 -5 5 5	10 -7 -9 -1 -2 -23 -1 -2 -23 -1 -22 -23 -1 -22 -23 -1 -2 -2 -23 -1 -1 -2 -2 -23 -1 -1 -2 -2 -2 -2 -1 -1 -2 -2 -2 -1 -1 -2 -2 -2 -1 -1 -2 -2 -1 -1 -2 -2 -1 -1 -2 -2 -1 -1 -2 -2 -1 -1 -2 -2 -2 -1 -1 -2 -2 -2 -1 -1 -2 -2 -2 -1 -2 -2 -1 -2 -2 -2 -1 -2 -2 -2 -1 -2 -2 -2 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
FTSE 100 Exections 0 BEX Exections 0 BEX A BEX A BEX	6.841 3.044 8.658 10,680 4.546 16,527 623 72,626 61,372 45,420 45,420 45,420 45,420 45,420 45,426 51,22 5,122 Ievel 108,7 78,66	0.2 0.1 0.0 -0.1 0.2 0.0 -0.6 0.0 0.3 0.3 -0.8 -0.2 0.2 -0.5 0.6 -1.7 Daily -0.1 -0.3 -0.2	1.0 0.8 0.4 0.9 1.6 1.9 1.7 2.4 2.4 2.7 3.9 2.9 -1.7 0.8 2.2 -1.4 Weekly 1.8 1.2 2.0	-2 -1 -6 0 -4 -5 -4 -5 -3 1 6 -6 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -1 1 9 19 13	10 -7 -9 -1 -2 -23 -1 22 42 6 10 -4 19 4 5 -8 12 YTD 16 19 9
FTSE 100 Everstona 50 EX Everstona 50 EX Everstona 50 EX Everstona 50 Everston	6.841 3.044 8.658 10.680 4.546 16.527 72.626 61.372 45.420 4.665 1.793 2.098 74.363 691 3.262 5.122 ievel 108.7 78.6 56.6 20.6 56.6 20.6	0.2 0.1 0.0 -0.1 0.2 0.0 -0.6 0.0 0.3 -0.8 -0.2 -0.5 0.6 -1.7 Daily -0.1 -0.3 -0.2 -0.5 0.6 -1.7 Daily -0.1	1.0 0.8 0.4 0.1 0.9 1.6 1.9 1.7 2.4 2.7 2.9 -1.7 0.8 2.2 -1.4 Weekly 1.8 1.2 2.0 3.1 1.2	-2 -1 -6 0 -4 -5 -5 -4 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	10 -7 -9 -1 -2 -23 -1 -1 -2 -2 -23 -1 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
FISE 100 Eversions 69 BEX DAX CALL ACALL Machine MSCL Attam * Iboxeque (Imize) MSCL ML answer MSCL ML answer MSCL ML Attage Sharphal Const (Charlon MSCL ML Attage Sharphal Const (Charlon Jakarta Ghorosaka Bankong sector Jakarta Ga Sharphal Const (Charlon Jakarta Ghorosaka Jakarta G	6.841 3.044 8.658 10,680 4.546 61,527 623 72,626 61,372 4.5420 4.665 1.793 2.098 74,363 5122 108.7 74,363 5.122 Ievel 108.7 7,8.6 55.6 20.6 40.9 211.9 89.1	0.2 0.1 0.0 -0.1 0.2 0.0 -0.6 0.0 0.3 0.3 -0.8 -0.2 -0.5 0.6 -1.7 Daily -0.1 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3	1.0 0.4 0.1 0.9 1.6 1.9 1.7 2.4 2.4 2.4 2.7 2.9 -1.7 0.8 2.2 -1.4 Weekly 1.8 1.2 2.0 3.1 1.2 2.0 8.1 0.8 0.2	-2 -1 -6 0 -3 -5 -5 -3 3 1 -6 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	10 -7 -9 -1 -2 -23 -1 -1 -2 -2 -23 -1 -1 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
FTSE 100 Eversions 70 BEX ACAE ACAE ACAE Motion MSCI attam * Iboxreps (Brazil) Motion MSCI DM Lerger* Peard MSCI DM Lerger* Peard MSCI DM Lerger* Peard MSCI DM Lerger* Samphal Carr (China) Jakara (Braken) Samphal Carr (China) Jakara (Braken) Bekh Cill Boh MSCI DM Lerger Zomk Bekh Cill Boh Samphal Carr (China) Jakara (Braken) Exercised Samphal Carr (China) Jakara (Braken) Exercised Samphal Samphal Carr (China) Jakara (Braken) Samphal Carr (China) Jakara (Braken) Jakara (Braken) Jaka	6.841 3.044 8.658 10,680 4.546 16,527 623 72,626 61,372 45,420 4.665 1.793 2.098 74,363 691 3.262 5.122 ievel 108.7 78.6 56.6 50.6 20.6 40.9 211.9 89.1 55.0	0.2 0.1 0.0 0.0 0.2 0.0 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	1.0 0.8 0.4 0.1 0.9 1.6 1.9 1.7 2.4 2.4 2.7 3.9 2.9 -1.7 0.8 2.2 -1.4 Weekly 1.8 1.2 2.0 3.1 1.2 0.8 0.2	-2 -1 -6 0 0 -4 6 -5 -5 3 1 6 -6 -6 -5 5 5 5 5 5 5 5 5 5 5 5 5 5 1 1 1 3 2 2 2 2 2 2 2 2 2 4 4 4 9	10 -7 -9 -1 -2 -2 -2 -2 -1 -1 -2 -2 -3 -1 -1 -1 -2 -2 -2 -3 -1 -1 -2 -2 -3 -1 -1 -2 -2 -3 -1 -1 -2 -2 -3 -1 -1 -2 -2 -3 -1 -1 -2 -2 -3 -1 -1 -2 -2 -3 -1 -1 -2 -2 -3 -1 -1 -2 -2 -3 -1 -1 -2 -2 -3 -1 -1 -2 -2 -3 -1 -1 -2 -2 -3 -1 -1 -2 -2 -3 -1 -1 -2 -2 -3 -1 -1 -2 -2 -3 -1 -1 -2 -2 -3 -1 -2 -4 -2
FISE 100 Exercision 50 Exercision 50 EXE 200 EXERCISION 50	6.841 3.044 8.658 10.680 4.546 16.527 623 72.626 61.372 45.420 45.420 45.420 45.420 45.420 45.420 45.420 5.122 icvcl 108.7 78.6 56.6 20.6 55.6 20.6 40.9 211.9 89.1 55.0 89.1 55.0 89.1 89.1 55.0 89.1 89.1 89.1 89.1 89.1 89.1 89.1 89.1	0.2 0.1 0.0 0.0 0.2 0.0 0.2 0.0 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	1.0 0.8 0.4 0.1 1.6 1.9 1.7 2.4 2.7 3.9 -1.7 0.8 2.2 -1.4 Weekly 1.8 1.2 2.0 3.1 1.2 0.8 0.2 2.1 2.0 3.1 1.2 0.8 0.2 1.2 0.2 1.2 0.2 1.2 0.7	-2 -1 -6 -6 -6 -5 -3 -4 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	10 -7 -9 -1 -2 -23 -1 -1 -2 -23 -1 -1 -2 -23 -1 -1 -2 -23 -1 -1 -2 -23 -1 -2 -23 -1 -2 -23 -1 -2 -23 -1 -2 -23 -2 -3 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
FISE 100 Exercision 50 EXECTION 50 EXECTION 50 EXECTION 50 EXECUTION 5	6.841 3.044 8.658 10.680 4.546 16.527 623 72.626 61.372 45.420 45.420 45.420 45.420 98 74.363 2.098 74.363 691 3.265 5.122 i i i i i i i i i i	0.2 0.1 0.0 0.0 0.2 0.0 0.2 0.0 0.0 0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.0 0.8 0.4 0.1 1.9 1.6 1.9 1.7 2.4 2.7 3.9 2.9 4.7 3.9 2.2 4.4 2.9 4.7 0.8 2.2 4.4 4.8 1.2 0.0 3.1 1.2 0.8 0.8 0.2 0.0 1.2 0.0 8 0.8 0.4 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-2 -1 -6 -6 -0 -4 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	10 -7 -9 -1 -2 -23 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
FISE 100 Exections of the section of	6.841 3.044 8.658 10.680 4.546 16.527 623 72.626 61.372 4.5420 4.665 1.793 2.098 74.363 61.372 2.098 74.363 61.372 1.093 7.456 5.1793 2.098 74.363 62.06 40.9 211.9 89.1 55.0 89.1 55.0 89.1 55.0 89.1 55.0 89.1 55.0 89.1 55.0 89.1 55.0 89.1 55.0 89.1 55.0 89.1 55.0 89.1 55.0 89.1 89.1 55.0 89.1 89.1 89.1 89.1 89.1 89.1 89.1 80.5 80.5 80.5 80.5 80.5 80.5 80.5 80.5	0.2 0.1 0.0 0.0 0.1 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.0 0.8 0.4 0.1 0.9 1.9 1.7 2.4 2.7 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9	-2 -1 -6 -6 -7 -4 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	10 -7 -9 -1 -2 -23 -1 -2 -22 -23 -1 -1 -2 -2 -23 -1 -1 -1 -2 -2 -23 -1 -1 -2 -2 -23 -1 -1 -2 -2 -23 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
FISE 100 Eversion 50 EVersion	6,641 8,656 10,680 48,546 45,46 45,46 45,47 45,42045,420 45,420 45,420 45,420 45,420 45,42045,420 45,420 45,420 45,42045,420 45,42045,420 45,420 45,420 45,420 45,42045,420 45,420 45,420 45,420 45,420 45,42045,420 45,420 45,420 45,420 45,420 45,420 45,420 45,420 45,420 45,420 45,4200000000000000000000000000000000000	0.2 0.1 0.0 0.0 0.1 0.2 0.0 0.0 0.2 0.2 0.2 0.5 0.6 0.3 0.3 0.3 0.3 0.3 0.2 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	1.0 0.8 0.4 0.1 0.9 1.9 1.9 1.7 2.4 2.7 3.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9 1.7 8 8 2.2 1.4 Weekly 1.2 2.0 3.1 1.2 0.8 8 0.0 8 0.2 0.2 1.2 1.2 1.2 2.4 2.4 1.2 2.4 1.4 2.7 1.4 1.4 2.7 1.4 1.4 2.7 1.4 1.4 2.7 1.4 1.4 2.7 1.4 2.0 2.0 1.4 1.4 2.0 2.0 2.0 1.4 1.4 2.0 2.0 2.0 1.4 1.4 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0	-2 -1 -6 -6 -7 -7 -7 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	10 -7 -9 -1 -2 -23 -1 -1 -2 -23 -1 -1 -2 -23 -1 -1 -2 -23 -1 -1 -2 -23 -1 -1 -2 -23 -1 -1 -2 -2 -23 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
FISE 100 Eversion.50 EVersion.	6,841 8,658 10,680 4,546 16,527 72,626 61,372 4,665 1,793 2,626 4,5420 4,665 1,793 2,626 61,372 4,665 1,793 3,262 61,372 1,093 1,080 1,	0.2 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.0 0.8 0.4 0.9 1.9 1.9 1.9 1.7 2.4 2.4 2.4 2.7 3.9 2.9 2.9 2.9 2.9 1.7 1.8 1.2 2.0 3.1 1.2 2.0 3.1 1.2 2.0 2.1 2.0 0.2 1.2 0.0 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1	- 2 -1 -6 -6 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7	10 -7 -9 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
FISE 100 Exercision 5 Exercisio	6,641 0,680 4,546 4,546 16,527 623 72,026 4,542 4,542 4,542 4,542 1,793 4,542 4,542 1,793 4,542 1,298 2,008 2,008 2,	0.2 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.0 0.8 0.4 0.1 0.9 1.6 1.9 1.7 2.4 2.4 2.4 2.7 7.9 9 2.7 2.9 2.1 2.7 2.9 2.1 2.4 2.7 3.9 2.1 2.4 2.7 3.9 2.1 2.4 2.4 1.2 2.0 3.1 1.2 2.0 3.1 1.2 2.0 3.1 1.2 2.0 2.1 0.2 2.1 2.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	-2 -1 -6 -6 -7 -4 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	10 -7 -9 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
FISE 100 Exercision 50 Exercision 50 EXE Attem 7 MSG Latam 7 Exercision 50 Exercisio	6,841 8,658 10,680 4,546 16,527 72,626 61,372 4,665 1,793 2,626 4,5420 4,665 1,793 2,626 61,372 4,665 1,793 3,262 61,372 1,093 1,080 1,	0.2 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.0 0.8 0.4 0.9 1.9 1.9 1.9 1.7 2.4 2.4 2.4 2.7 3.9 2.9 2.9 2.9 2.9 1.7 1.8 1.2 2.0 3.1 1.2 2.0 3.1 1.2 2.0 2.1 2.0 0.2 1.2 0.0 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1	- 2 -1 -6 -6 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7	10 -7 -9 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
FISE 100 Everotions 60 EXPLosions 60 EXPLosi	6.8411 0.6800 4.546 0.6527 623 0.627 623 0.627 623 0.627 623 0.627 623 0.627 623 0.627 7.626 61.372 2.096 6.097 2.097 2.097 6.097 6.097 2.097 6.097 6.097 2.097 2.097 2.097 2.097 2.097 2.097 2.097 2.097 2.097 2.097 2.097 2.097 2.097 2.097 2.097 2.097 2.097 2.077 2.0	0.2 0.1 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.0 0.8 0.4 0.9 1.6 1.7 2.4 2.4 2.4 2.4 2.4 2.4 2.4 2.4 2.7 3.9 2.9 4.7 4.8 3.9 2.0 4.7 4.0 3.1 4.7 4.0 3.1 4.0 3.1 1.7 4.0 2.0 2.0 4.0 3.1 1.7 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0	- 2 - 1 - 6 - 6 - 5 - 4 - 5 - 3 - 1 - 6 - 5 - 3 - 3 - 1 - 6 - 5 - 3 - 3 - 1 - 6 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5	10 -7 -9 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
FISE 100 Exercision 50 Exercision 50 EXE Attem 7 MSG Latam 7 Exercision 50 Exercisio	6.8411 9.044 8.6558 10.6800 4.546 6.1322 7.2626 6.1372 7.2626 6.1372 7.2626 6.1372 7.2626 6.1372 7.2626 6.1372 7.2626 6.1372 7.2626 7.2626 7.2627 7.4363 7.437 7.4363 7.4363 7.4363 7.437 7.4363 7.4363 7.437 7.4363 7.437 7.4363 7.437 7.4363 7.437 7.4363 7.437 7.4363 7.437 7.437 7.4363 7.4377 7.4377 7.4377 7.43777 7.437777777777	0.2 0.1 0.1 0.1 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.0 0.8 0.4 0.9 1.0 1.6 1.9 2.4 2.4 2.4 2.4 2.4 2.4 2.7 3.9 2.9 4.1,7 2.4 2.4 2.4 2.4 2.4 2.7 3.9 2.9 4.1,7 2.4 2.4 2.4 2.4 2.4 2.4 2.4 2.4 2.4 2.4	2 - - - - - - - - - - - - -	10 -7 -9 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
FISE 100 Exercision 50 Exercision 50 BEX Exercision 50 Exe	6,641 8,658 8,658 6,16,527 7,2626 61,372 2,098 61,372 2,098 61,372 2,098 61,372 2,098 61,372 2,098 61,372 2,098 61,372 2,098 61,372 2,098 61,372 5,122 5,122 5,122 5,122 5,122 5,122 5,122 5,122 5,125	0.2 0.1 0.1 0.1 0.2 0.2 0.6 0.3 0.2 0.2 0.2 0.3 0.2 0.2 0.3 0.2 0.2 0.3 0.2 0.3 0.2 0.2 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	1.0 0.8 0.4 0.1 0.9 1.6 1.9 2.4 2.7 2.4 2.7 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9	2 - - - - - - - - - - - - -	10 7 9 -1 22 21 21 24 6 10 4 25 6 10 19 9 4 5 8 12 19 9 9 23 29 18 19 9 9 23 29 18 19 9 9 23 29 18 10 4 5 5 8 20 10 19 9 9 23 29 20 10 19 4 2 5 8 8 12 10 4 2 10 10 4 2 5 8 8 12 10 4 2 10 10 4 2 5 8 8 12 10 19 4 2 5 8 8 12 10 19 9 9 9 23 29 10 19 9 9 9 23 29 10 10 4 5 5 8 8 12 10 19 9 9 9 23 29 18 10 10 19 9 9 9 23 29 18 10 10 19 9 9 23 29 18 10 10 19 9 9 23 29 20 34 4 10 10 10 9 9 23 29 20 34 4 10 10 10 9 9 23 29 20 34 4 10 10 10 9 9 23 29 23 4 4 8 10 10 10 10 9 9 23 29 23 20 2 34 4 8 8 20 2 34 4 8 8 20 2 34 4 8 8 20 2 3 4 4 8 8 20 2 3 4 4 8 8 20 2 3 4 4 8 8 20 2 3 20 2 3 4 4 8 8 20 2 3 2 2 2 2 3 4 4 8 8 2 2 2 3 4 4 8 8 2 2 2 3 2 3 2 2 2 2 3 4 4 8 8 8 2 2 2 2 3 4 4 8 8 2 2 2 2 3 2 3 2 2 2 2 2 3 4 4 8 8 8 2 2 2 2 2 2 2 3 4 4 8 8 8 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
FISE 100 Exercision 50 EXECTION 50 EXECTIO	6,641 8,658 8,658 6,16,527 7,2626 61,372 2,098 61,372 2,098 61,372 2,098 61,372 2,098 61,372 2,098 61,372 2,098 61,372 2,098 61,372 2,098 61,372 5,122 5,122 5,122 5,122 5,122 5,122 5,122 5,122 5,125	0.2 0.1 0.1 0.1 0.2 0.2 0.6 0.3 0.2 0.2 0.2 0.3 0.2 0.2 0.3 0.2 0.2 0.3 0.2 0.3 0.2 0.2 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	1.0 0.8 0.4 0.1 0.9 1.6 1.9 2.4 2.7 2.4 2.7 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9	- 2 - 1 - 6 - 0 - 0 - 4 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5	10 7 9 1 2 2 3 3 4 2 2 4 2 4 2 4 2 4 2 4 2 3 4 10 4 19 9 9 2 3 29 116 19 9 9 23 29 18 8 29 18 8 5 5 0 34 4 4 6 6 19 9 9 23 3 29 4 1 4 2 10 4 2 10 4 10 4 2 10 4 10 4 2 10 4 10 4
FISE 100 EXEVOID 1	6.6411 8.6558 4.546 4.546 6.527 6.23 4.546 4.546 5.122 4.5420 4.542 4.5420 4.542 4.5420 4.542 4.5420 4.542 4.542 4.542 4.542 4.542 4.542 4.542 4.542 4.542 4.54 4.5555 4.5555 4.5555 4.5555 4.5555 4.5555 4.55555 4.55555 4.55555 4.55555555	0.2 0.1 0.1 0.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0	1.0 0.8 0.8 0.4 1.0 1.6 1.9 1.6 1.7 2.4 2.7 2.7 2.4 2.7 2.7 2.4 2.7 2.7 2.4 2.7 2.7 2.4 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7	-2 -3 -4 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	10 7 9 1 - 2 2 3 1 - 2 2 4 2 4 2 4 2 4 2 4 2 4 2 4 2 4 2 4
FISE 100 EXECTION FISE 100 EXECUTION FISE 100 EXECU	6,6411 8,655 8,044 8,655 6,0527 72,656 4,546 1,527 72,656 4,542 4,54200 4,54200000000000000000000000000000000000	0.2 0.1 0.1 0.0 0.1 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.0 0.8 0.8 0.4 1.0 1.6 1.5 1.5 1.6 1.6 1.6 1.6 1.6 2.7 2.7 2.7 2.9 2.2 2.7 2.9 2.2 2.7 2.9 2.2 2.9 1.7 2.7 2.9 2.9 1.7 2.7 2.9 2.9 2.9 1.7 2.9 2.9 1.7 2.9 2.9 1.7 2.9 2.9 1.7 2.9 2.9 1.7 2.9 2.9 2.9 2.9 2.9 2.9 1.7 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9	-2 -3 -4 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	10 7 9 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
FISE 100 Exercises. A series of a series o	6.6411 8.6556 6413 72.626 643 72.626 643 72.626 643 72.626 74.5420 74.5420 74.5420 74.5420 74.5420 74.5420 74.5420 74.5420 74.5420 74.5420 74.5420 74.5420 74.5420 75.54 75.55	0.2 0.1 0.1 0.0 0.1 0.2 0.0 0.0 0.2 0.0 0.0 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	1.0 0.8 0.8 0.4 1.0 1.6 1.6 1.6 1.6 1.6 1.6 1.6 2.7 2.7 2.7 2.9 2.9 2.7 2.9 2.9 2.7 2.9 2.9 1.7 2.4 1.8 1.8 1.2 0.8 0.2 2.0 1.8 1.8 1.2 0.8 0.2 0.2 0.8 0.2 0.1 0.8 0.8 0.2 0.1 0.8 0.8 0.2 0.1 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	-2 -2 -1 -6 -0 -4 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	10 7 9 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
FISE 100 EXerotons 00 EXE versions 00 EXE vers	6.6411 8.656 4.650 4.650 4.650 4.650 4.650 4.653 7.2,626 4.5,4200 4.5,42000440000000000000000000000000000000	0.2 0.1 0.0 0.1 0.2 0.0 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.0 0.8 0.8 0.4 0.9 0.1 0.9 0.1 0.9 0.1 0.9 0.1 0.9 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	-2 -1 -6 -0 -4 -6 -5 -5 -3 -3 -1 -1 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	10 7 9 -1 -2 -23 -1 -2 -23 -1 -2 -23 -1 -2 -23 -1 -2 -23 -1 -2 -23 -1 -2 -23 -1 -2 -23 -1 -2 -23 -1 -2 -23 -1 -2 -23 -23 -23 -23 -24 -23 -24 -23 -24 -23 -24 -23 -24 -23 -24 -23 -24 -23 -24 -24 -24 -24 -25 -24 -25 -24 -25 -25 -27 -27 -27 -27 -27 -27 -27 -27
FISE 100 EVEXtors EVEXtors EVEXtors EVEXtor EV	6.6411 8.655 4.500 4.500 6.231 7.2.626 6.231 7.2.626 4.5420 6.231 7.2.626 4.5420 6.231 7.2.626 4.5420 6.1322 4.5420 6.1322 4.5420 7.2.63 6.332 7.333 7.335 7.3337 7.333 7.3337 7.3337 7.3337 7.33377 7.33377777777	0.2 0.1 0.0 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.0 0.8 0.8 0.4 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	-2 -1 -6 -0 -4 -6 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	10 7 9 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
FISE 100 EVENTOR EVENT	6.6411 8.658 8.658 6.623 7.2.626 6.23 7.2.626 6.23 7.2.626 6.23 7.2.626 6.23 7.2.626 7.2.626 7.2.626 7.2.626 7.2.626 7.2.626 7.2.626 7.2.627 7.2.6 7.2.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7	0.2 0.1 0.1 0.1 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	1.0 0.8 0.8 0.1 0.0 0.1 0.0 1.7 1.7 2.4 2.4 2.4 2.4 2.4 2.4 2.4 2.4 2.4 2.4	-2 -1 -6 -0 -4 -6 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	10 -7 -9 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
FISE 100 EXPONDENCY INTERCENT INTERC	6.6411 0.6566 0.72,626	0.2 0.1 0.0 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.0 0.8 0.8 0.4 0.5 0.5 1.7 0.8 0.1 0.5 1.7 0.8 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	-2 -1 -6 -0 -0 -4 -6 -5 -5 -3 -3 -3 -1 -6 -6 -5 -5 -3 -3 -1 -1 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	10 -7 -9 -1 -2 -23 -1 -2 -23 -1 -2 -23 -1 -2 -23 -1 -2 -23 -1 -2 -23 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
FISE 100 EXEVOID 1	6.6411 8.6556 61.372 62.3 7.2.626 633 7.2.626 633 7.2.626 633 7.2.626 633 7.2.626 633 7.2.626 633 7.2.626 633 7.2.626 7.2.626 7.4.363 691 7.4.363 691 7.4.363 691 7.4.363 691 7.4.363 691 7.4.363 691 7.4.363 691 7.4.363 695 7.5.28 605 7.5.28 7.5.5	0.2 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	1.0. 0.8 0.8 0.4 0.1 0.0 1.9 1.7 2.4 2.4 2.4 2.4 2.4 2.4 2.5 2.9 2.9 2.9 2.9 2.7 3.1 1.2 2.2 2.0 3.1 1.2 2.2 2.0 3.1 1.2 2.2 2.0 3.1 1.2 2.2 2.0 3.1 1.2 2.0 3.1 2.0 2.0 3.1 2.0 3.1 2.0 2.0 2.0 3.1 3.1 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	-2 -3 -4 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	10 7 9 1 2 2 2 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2
FISE 100 EXECTION EXE	6.6411 8.6580 11.45946 6.623 7.2.626 6.23 7.2.626 6.23 7.2.626 6.23 7.2.626 6.23 7.2.626 6.23 7.2.626 6.23 7.2.626 6.23 7.2.626 7.2.627 8.55 7.2.62 7.62 7	0.2 0.1 0.0 0.1 0.1 0.1 0.1 0.1 0.0 0.0 0.0	1.0 0.8 0.8 0.8 0.9 1.9 1.9 1.9 1.9 1.9 2.4 2.4 2.4 2.4 2.4 2.4 2.4 2.4 2.4 2.4	2	10 -7 -9 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
FISE 100 EVEXtors EVE	6.6411 8.658 8.658 6.23 7.2.626 6.23 7.2.626 6.23 7.2.626 6.23 7.2.626 6.23 7.2.626 6.23 7.2.626 6.23 7.2.626 7.2.627 7.2.626 7.2.626 7.2.626 7.2.627 7.2.626 7.2.626 7.2.627 7.627 7.2.	0.2 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	1.0 0.8 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	2	10 -7 -9 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
FISE 100 EVENDED EVEND	6.6411 9.656 6.72 6.23 7.2.626 6.23 7.2.626 6.23 7.2.626 6.23 7.2.626 6.23 7.2.626 6.23 7.2.626 6.23 7.2.626 6.23 7.2.626 7.2.626 7.2.627 7.2.626 7.2.626 7.2.627 7.2.626 7.2.627 7.2.626 7.2.6277 7.2.6277 7.2.6277 7.2.6277 7.2.6277 7.2.6277 7.2.6277 7.2.62777 7.2.627777777777	0.2 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.0 0.8 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-2 -3 -4 -4 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	10 7 9 1 2 2 2 1 2 2 2 1 2 2 2 2 1 2 2 2 2 2
FISE 100 EXECTION EXECTION FISE 100 EXECTION EXE	6.6411 9.656 642 7.2,626 623 7.2,626 623 7.2,626 623 7.2,626 623 7.2,626 623 7.2,626 623 7.2,626 623 7.2,626 623 7.2,626 7.2,626 7.2,627 7.2,626 7.2,627 7.2,626 7.2,627 7.2,626 7.2,627 7.2,626 7.2,6277 7.2,6277 7.2,6277 7.	0.2 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.0 0.8 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-2 -1 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3	10 7 9 12 22 1 12 24 24 24 24 24 24 24 24 24 2
FISE 100 FISE 100 FISE 100 Exerosion 50 FISE 100 FISE 100 FISE 100 FISE 100 FISE 100 FISE	6.6411 0.6566 4.6527 4.5226 6.233 4.5226 5.122 4.5420 5.122 4.5420 5.122 4.5420 5.122 4.5420 5.122 7.866 7.867 7.866 7.866 7.867 7.866 7.866 7.867 7.866 7.867 7.866 7.867 7.866 7.867 7.866 7.867 7.866 7.867 7.866 7.867 7.866 7.867 7.866 7.867 7.866 7.867 7.866 7.867 7.867 7.866 7.867 7.967 7.9777 7.97777 7.97777 7.97777 7.97777 7.97777 7.97777 7.977777 7.97777777777	0.2 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.0 0.8 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-2 -1 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	10 -7 -9 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
FISE 100 FISE 100 Exerotions 50 Exerotions 50 Exerotions 50 Exercises 50 Exercises 50 Exercise 50 Exe	6.6411 8.656 4.650 4.650 4.650 4.650 4.650 4.651 4.542 4.5420 5.122 4.5420 5.122 4.5420 5.122 4.5420 5.122 4.5420 5.122 4.5420 5.122 4.5420 5.122 4.5420 5.122 4.5420 5.122 4.5420 5.122 4.5420 5.122 4.5420 5.122 4.5420 5.122 4.5420 5.122 4.5420 5.122 4.5420 5.122 4.5420 5.122 4.5420 5.122 4.5420 5.122 5.125 5.122 5.125 5.12	0.2 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	1.0 0.8 0.8 0.4 0.0 1.0 0.0 0.0 1.7 1.7 2.4 2.4 2.4 2.4 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.7 1.7 0.8 2.2 1.2 0.8 2.2 2.0 0.8 1.2 0.0 2.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0	-2 -1 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3	10 -7 -9 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
FISE 100 EVENTORY EVE	6.6411 8.658 8.658 6.23 7.2.626 6.23 7.2.626 6.23 7.2.626 6.23 7.2.626 6.23 7.2.626 6.23 7.2.626 6.23 7.2.626 7.6267 7.2.626 7.6	0.2 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.0 0.8 0.8 0.4 1.9 1.9 1.9 1.9 1.9 1.9 1.9 2.4 2.4 2.4 2.4 2.4 2.4 2.4 2.4 2.4 2.4	-2 -1 -6 -0 -0 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	10 7 9 4 1 2 2 2 1 2 2 2 1 2 2 2 2 1 2 2 2 2 2



Source: Bloomberg, Datastream and Haver

* With one day delay

DISCLAIMER

This document and the information, opinions, estimates and recommendations expressed herein, have been prepared by Banco Bilbao Vizcaya Argentaria, S.A. (hereinafter called "BBVA") to provide its customers with general information regarding the date of issue of the report and are subject to changes without prior notice. BBVA is not liable for giving notice of such changes or for updating the contents hereof.

This document and its contents do not constitute an offer, invitation or solicitation to purchase or subscribe to any securities or other instruments, or to undertake or divest investments. Neither shall this document nor its contents form the basis of any contract, commitment or decision of any kind.

Investors who have access to this document should be aware that the securities, instruments or investments to which it refers may not be appropriate for them due to their specific investment goals, financial positions or risk profiles, as these have not been taken into account to prepare this report. Therefore, investors should make their own investment decisions considering the said circumstances and obtaining such specialized advice as may be necessary. The contents of this document are based upon information available to the public that has been obtained from sources considered to be reliable. However, such information has not been independently verified by BBVA and therefore no warranty, either express or implicit, is given regarding its accuracy, integrity or correctness. BBVA accepts no liability of any type for any direct or indirect losses arising from the use of the document or its contents. Investors should note that the past performance of securities or instruments or the historical results of investments do not guarantee future performance.

The market prices of securities or instruments or the results of investments could fluctuate against the interests of investors. Investors should be aware that they could even face a loss of their investment. Transactions in futures, options and securities or high-yield securities can involve high risks and are not appropriate for every investor. Indeed, in the case of some investments, the potential losses may exceed the amount of investment and, in such circumstances; investors may be required to pay more money to support those losses. Thus, before undertaking any transaction with these instruments, investors should be aware of their operation, as well as the rights, liabilities and risks implied by the same and the underlying stocks. Investors should also be aware that secondary markets for the said instruments may be limited or even not exist.

BBVA or any of its affiliates, as well as their respective executives and employees, may have a position in any of the securities or instruments referred to, directly or indirectly, in this document, or in any other related thereto; they may trade for their own account or for third-party account in those securities, provide consulting or other services to the issuer of the aforementioned securities or instruments or to companies related thereto or to their shareholders, executives or employees, or may have interests or perform transactions in those securities or instruments before or after the publication of this report, to the extent permitted by the applicable law.

BBVA or any of its affiliates' salespeople, traders, and other professionals may provide oral or written market commentary or trading strategies to its clients that reflect opinions that are contrary to the opinions expressed herein. Furthermore, BBVA or any of its affiliates' proprietary trading and investing businesses may make investment decisions that are inconsistent with the recommendations expressed herein. No part of this document may be (i) copied, photocopied or duplicated by any other form or means (ii) redistributed or (iii) quoted, without the prior written consent of BBVA. No part of this report may be copied, conveyed, distributed or furnished to any person or entity in any country (or persons or entities in the same) in which its distribution is prohibited by law. Failure to comply with these restrictions may breach the laws of the relevant jurisdiction.

In the United Kingdom, this document is directed only at persons who (i) have professional experience in matters relating to investments falling within article 19(5) of the financial services and markets act 2000 (financial promotion) order 2005 (as amended, the "financial promotion order"), (ii) are persons falling within article 49(2) (a) to (d) ("high net worth companies, unincorporated associations, etc.") Of the financial promotion order, or (iii) are persons to whom an invitation or inducement to engage in investment activity (within the meaning of section 21 of the financial services and markets act 2000) may otherwise lawfully be communicated (all such persons together being referred to as "relevant persons"). This document is directed only at relevant persons and must not be acted on or relied on by persons who are not relevant persons. Any investment or investment activity to which this document relates is available only to relevant persons and will be engaged in only with relevant persons. The remuneration system concerning the analyst/s author/s of this report is based on multiple criteria, including the revenues obtained by BBVA and, indirectly, the results of BBVA Group in the fiscal year, which, in turn, include the results generated by the investment banking business; nevertheless, they do not receive any remuneration based on revenues from any specific transaction in investment banking.

BBVA is not a member of the FINRA and is not subject to the rules of disclosure affecting such members.

"BBVA is subject to the BBVA Group Code of Conduct for Security Market Operations which, among other regulations, includes rules to prevent and avoid conflicts of interests with the ratings given, including information barriers. The BBVA Group Code of Conduct for Security Market Operations is available for reference at the following web site: www.bbva.com / Corporate Governance".



BBVA is a bank supervised by the Bank of Spain and by Spain's Stock Exchange Commission (CNMV), registered with the Bank of Spain with number 0182.