

Market Comment | The EUR remained strong on Martin Luther King holiday

Global Financial Markets Unit 15 Jan 2018

- The EUR remained at its 3-year highest levels amid optimism on tighter monetary policy from the ECB and the chance of a pro-EU German government, as the government talks are progressing (see). The EUR strength weighed on stock prices, which were mixed in Europe.
- Trading volume was significantly lower as US markets remained closed due to Martin Luther King Day. Sovereign bond yields remained little changed across the board, even in Europe.
- In Asia, the JPY appreciated slightly after the BoJ governor offered an optimistic view on the
 economy and inflation, underpinning recent expectations of a winding down of BoJ stimulus measures
 (see), while Chinese bonds and equities stumbled after authorities announced new steps to fight against
 financial risks (see).
- Oil prices remained little changed amid mixed newsflow. On the one hand, OPEC members gave
 renewed assurances on oil production cuts. On the other hand, higher US rig activity added concerns to
 the oil market (see). Nonetheless, commodities started the week rising across the board, due to a softer
 USD and robust demand.
- EM currencies appreciated across the board with the exception of the TRY, which suffered from idiosyncratic uncertainties (see).

Update 18 CET 15 January 2018 Table 1



Debt market Developed Markets US (2-yr)	e (10Y, %, ch level 2.00	anges in t Daily 0.0	p) Week 4.0	Month 19	Year 78
US GER (2-vr)	2.55	0.0	6.6	20	11
Germany France	0.59	0.6	8.6	20	24
Spain Italy	1.53	2.9 1.8	7.3 4.8 1.7	8 21	10 13
Portugal Greece	1.80 3.90	0.7 -0.3	-6.6 20.4	-2 -22	-209 -299
Japan (2-yr) Japan	-0.13 0.08	0.2 1.4	-0.7 2.7	2	6 1
Emerging Markets Brazil	level 9.82	Daily -1.6	Weekly -19.2	Monthly -53	Year -159
Chile Colombia	4.57 6.38	0.0	5.1 3.0	-14 -14	25 -72
Mexico Peru	7.51 4.44	-6.2 -5.9	6.6 -24.2	12 -49	-13 -203
Poland Russia	3.30 7.49	-2.3 -3.8	5.8 -15.0	-18	-42 -96
Turkey India	11.58 7.28	15.0 -0.5	17.0 -6.7	-40 15	58 90
Indonesia Country r	6.20 isk (bp. chang	es in bp)	7.4	-31	-164
Developed Markets 10-yr sovereign spread vs Germany	level	Daily	Weekly	Monthly	Year
France	27 141	0.3 1.2	-1.3 -6.9	1	-19 -11
Portugal Spain	121 94	0.1 2.3	-15.2 -3.8	-23 -12	-234 -14
2-yr sovereign spread vs Germany France	16	1.1	1.0	2	5
Italy Portugal	27 33	-0.2 5.2	-2.0 -5.5	-13 -10	-34 -48
Spain Emerging Markets	20	-0.1	-2.2	-16	-28
5-yr so vereign CDS *	level	Dally	weekiy	Monthly	Year
Brazil Chile	144 44	-0.6 -1.1	-1 -3	-20 -10	-127 -39
Colombia Mexico	92 98	-1.4 -2.8	-4 1	-18 -5	-71 -59
Peru Poland	66 49	-0.3 -0.3	-2 0	-4 -1	-42 -27
Russia Turkey	109 157	-1.1 -2.7	-6 1	-17 -17	-67 -115
China India	47 67	0.8 -1.9	-2	-7 -4	-70 -60
Indonesia R	79 sk indicators	0.5	-4	-12	-77
Volatilty indicators (%) VIX	level 10	Daily 0.0	Weekly	Monthly	Year -2
VSTOXX EM EFT volatility Index	11	1.6	-4 -5	-3 -10	-2 -5
Dollar/euro volatility	15 8	0.0 9.6	32	43	-25 -27
EM FX volatility index Credit spread (BAA) (bps)	168	0.0	-7	-14	-31 -59
US bonds volatility index Inflation expectations (%)	48 level	-1.2 Daily	4 Weekly	6 Monthly	-38 Year
US Inflation expectations (5Y5Y) EZ Inflation expectations (5Y5Y)	2.29 1.75	1.6	-5 4	0 4	-25 -4
Banking 5 y CDS (bps) * US	level 42	Daily -0.4	Weekly 2	Monthly -2	Year -29
EZ UK	35 40	-1.0 -0.6	-1 2	-5 -2	-73 -50
Large Spanish Medium Spanish	33 68	-0.7 -1.8	0	-5 -9	-84 -83
	level 142	Daily -0.4	Weekly 2	Monthly -2	
US Non-financial EZ Non-financial	61	-1.0	-1	-5 1	-29 -73
UK Non-financial Interbank m	96 arkets (%, ch	5.5 inges in b	6	1	-29
EONIA Index	-0.36	Daily 0.00	Weekly 0.0	Monthly 0.0	Year 0.0
Euribor 3m Euribor 12m	-0.33 -0.19	0.00	0.0	0.0	0.0 -0.1
Libor 3m Libor 12m	1.72 2.17	0.00	0.0	0.1	0.7
	ck markets (%)			
Main indices S&P500	level 2,786	Daily 0,0	Weekly 1.4	Monthly 5	Year 23
Dow Jones Nikkei	25,803	0.0	2.1	5 4	29
Nikkei FTSE 100	25.803 23.715 7.769	0.0 0.3 -0.1	2.1 0.0 0.9	4	29 21 8
Nikkel FTSE 100 EuroStoxx 50 IBEX	25.803 23,715 7,769 3,612 10,467	0.0 0.3 -0.1 0.0	2.1 0.0 0.9 -0.1 0.7	4 4 2 3	29 21 8 9
Nikkel FTSE 100 EuroStoxx 50 IBEX DAX CAC	25,803 23,715 7,769 3,612 10,467 13,201 5,510	0.0 0.3 -0.1 0.0 0.0 -0.3 -0.1	2.1 0.0 0.9 -0.1 0.7 -1.3 0.4	4 4 2 3 1	29 21 8 9 11 14 12
Nikkel FTSE 100 EuroStoxx 50 IBEX DAX CAC MIB ASS Attness	25,803 23,715 7,769 3,612 10,467 13,201 5,510 23,544 848	0.0 0.3 -0.1 0.0 0.0 -0.3 -0.1 0.5	2.1 0.0 0.9 -0.1 0.7 -1.3 0.4 3.1 1.3	4 4 2 3 1 3 6	29 21 8 9 11 14 12 20 29
Nikei FTSE 100 EuroStoxx 50 IBEX DAX CAC MIB ASE Athens MSC Latam * Ibovespa (Bazz)	25,803 23,715 7,769 3,612 10,467 13,201 5,510 23,544 848 87,994 79,752	0.0 0.3 -0.1 0.0 0.0 -0.3 -0.1 0.5 -0.4 0.2	2.1 0.0 0.9 -0.1 0.7 -1.3 0.4 3.1 1.3 -0.2	4 4 2 3 1 3 6 10 7	29 21 8 9 11 14 12 20 29 20 29
Nikei FTSE 100 EuroStoxx 50 IBEX DAX CAC MIB ASE Athens MSCI Latam* Ibovespa (Brazi) Medbol MSCI Ell Europe*	25.803 23.715 7.769 3.612 10.467 13.201 5.510 23,544 848 87,994 79,752 49,235 5.647	0.0 0.3 -0.1 0.0 0.0 -0.3 -0.1 0.5 -0.4 0.2 0.5 0.2	2.1 0.0 0.9 -0.1 0.7 -1.3 0.4 3.1 1.3 -0.2 0.5 -1.5	4 4 2 3 1 3 6 10 7 10 2 6	29 21 8 9 11 14 12 20 29 20 29 6 12
Nikós FFES 100 EuroStox 50 BEZ 50 AUGUSTO 50 BEZ 50 AUGUSTO 50 BEZ 50 AUGUSTO	25.803 23.715 7,769 3,612 10,467 13.201 5,510 23,544 848 87,994 79,752 49,235 5,647 2,262	0.0 0.3 -0.1 0.0 0.0 -0.3 -0.1 0.5 -0.4 0.2 0.5	2.1 0.0 0.9 -0.1 0.7 -1.3 0.4 3.1 1.3 -0.2 0.5 -1.5 1.2 -0.2 2.5	4 4 2 3 1 3 6 10 7 10 2 6 4 5	29 21 8 9 11 14 12 20 29 20 29 6 12 27
Nikodi FEES 100 EuroStoux 50 EuroStoux 50 EuroStoux 50 EuroStoux 50 EuroStoux 60 MSG Latam* Iboverpa Grazio Mochol Mochol MSG Latam* Iboverpa Grazio MSG Lat	25,803 23,715 7,769 3,612 10,467 13,201 5,510 23,544 84,994 79,752 49,235 5,647 2,543 2,262 112,159 960	0.0 0.3 -0.1 0.0 0.0 -0.3 -0.1 0.5 -0.4 0.2 0.5 0.2 0.5 0.1 0.0 0.0	2.1 0.0 0.9 -0.1 0.7 -1.3 0.4 3.1 1.3 -0.2 0.5 -1.5 1.2 -0.5 -1.5 1.2 -0.8	4 4 2 3 1 3 6 10 7 10 2 6 4 5 2	29 21 8 9 11 14 12 20 29 20 29 6 12 27 0 47 38
Nikota FFEST 100 EuroStanos 50 EuroStano	25,803 23,715 7,769 3,612 10,467 13,201 23,544 848 87,994 79,752 49,235 5,647 2,543 2,262 112,159	0.0 0.3 -0.1 0.0 0.0 -0.3 -0.1 0.5 -0.4 0.2 0.5 0.2 0.5 0.1 0.0 0.0	2.1 0.0 0.9 -0.1 0.7 -1.3 0.4 3.1 1.3 -0.2 0.5 -1.5 1.2 -0.2 -0.2 -0.2 -0.3 -0.4	4 4 2 3 1 3 6 10 7 10 2 6 4 5	29 21 8 9 11 14 12 20 29 20 29 6 12 27 0
Nikoda FFES 100 EuroStoxo 50 BIBX NEW STAND STAN	25,803 23,715 7,769 3,612 10,467 13,201 5,510 23,544 848 87,994 79,752 49,235 5,647 2,543 2,262 112,159 960 3,410 6,382	0.0 0.3 -0.1 0.0 0.0 -0.3 -0.1 0.5 -0.4 0.2 0.5 0.2 0.5 0.1 0.0 -2.2 0.8 -0.1 D.0 -0.1 D.0 D.0 D.0 D.0 D.0 D.0 D.0 D.0 D.0 D.0	2.1 0.0 0.9 -0.1 0.7 -1.3 0.4 3.1 1.3 -0.2 0.5 -1.5 1.2 -0.2 2.5 -3.6 0.8 0.0	4 4 2 3 1 3 6 10 7 10 2 6 4 5 2 6 4	29 21 8 9 11 14 12 20 29 20 29 6 12 27 0 47 38 8
Niloted FFEE TOO Grand State Of State O	25,803 23,715 7,769 3,612 10,467 13,201 5,510 23,544 49,235 49,235 49,235 2,647 2,543 2,262 112,159 960 3,410 6,382 1,768 1,76	0.0 0.3 -0.1 0.0 0.0 -0.3 -0.1 0.5 -0.4 0.2 0.5 0.5 0.1 0.0 -0.3 -0.1 0.5 0.5 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2.1 0.0 9 -0.1 0.7 -1.3 -0.2 0.5 -1.5 1.2 2.5 -3.6 0.8 0.0 0.4 Weekly 3.3 3.8	4 4 2 3 1 1 3 6 10 7 10 2 6 4 5 2 6 4 5 Monthly	29 21 8 9 11 14 12 20 29 6 12 27 0 47 38 8 21 Year 23
Nikota FFES 100 EuroStoxos 50 BISCX STEEL	25,803 23,715 7,769 3,612 10,467 13,201 5,510 23,544 848 87,994 49,235 549,235 2,262 112,159 960 3,410 6,382 level 147,8 112,7 76,8 31,2	0.0 0.3 -0.1 0.0 0.0 0.0 -0.3 -0.1 0.5 -0.4 0.2 0.5 0.5 0.1 0.0 -2.2 0.8 -0.5 -0.1 -0.0	2.1 0.0 9 -0.1 0.7 -1.3 0.4 3.1 1.3 -0.2 0.5 -1.5 -1.2 -0.2 2.5 -3.6 0.8 0.0 4 Weekly 3.3 3.8 3.1 3.6	4 4 2 3 1 1 3 6 10 7 10 2 6 4 5 2 6 4 5 2 6 6 4 5 5 8 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8	29 21 8 9 11 14 12 20 29 6 12 27 0 47 38 8 21 Year 23 30 25 36
Nilodo TESE 100 GARACON 50 MSG Latam * Bloovepag Bloozo MsG Latam * Bloozo Bl	25,803 23,715 7,769 3,612 10,467 13,201 5,510 23,544 848 87,994 79,752 49,235 5,647 2,543 2,262 112,159 960 3,410 6,382 level 147,8 112,7 76,8 31,2 55,1 25,1	0.0 0.3 -0.1 0.0 0.0 -0.3 -0.1 0.5 -0.4 0.2 0.5 0.1 0.0 0.3 0.5 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2.1 0.0 9 -0.1 0.7 -1.3 0.4 3.1 1.3 -0.2 0.5 -1.5 1.2 -0.2 2.5 -3.6 0.8 0.0 4 Weekly 3.3 3.8 3.1 3.6 4.2 2.1	4 4 2 3 1 1 3 6 10 7 10 2 6 4 5 2 6 4 5 2 6 4 5 5 2 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	29 21 8 9 11 14 12 20 29 6 12 27 0 47 38 8 21 Year 23 30 25 36 6
Niside TFEE TOO GRAND ON THE TEST TOO GRAND	25,803 23,715 7,769 3,612 10,467 13,201 23,544 848 87,994 49,235 5,647 2,543 2,262 112,159 960 3,410 6,382 level 147.8 31,2 55,1 25,1 117.8	0.0 0.3 -0.1 0.0 0.0 0.0 0.2 0.5 0.5 0.1 0.0 0.0 0.0 0.0 0.2 0.5 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2.1 0.0 9 -0.1 0.7 -1.3 0.4 3.1 1.3 -0.5 -1.5 1.2 2.5 -3.6 0.0 4 Weekly 3.3 3.8 3.1 3.6 4.2 2.1 4.3 4.7	4 4 4 2 3 3 1 1 3 6 6 10 7 7 10 2 6 6 4 5 5 2 6 6 4 4 5 5 8 4 9 9 5 5 1 5 6 6 6	29 21 8 9 11 14 12 20 29 20 6 12 27 0 47 38 8 21 Year 23 30 25 36 6 12 8
Nikota PETSE 100 G FaveShoro, 50 G FaveShoro,	25,803 23,715 7,769 3,612 10,467 13,201 13,510 23,544 848 87,994 79,752 49,235 5,647 2,543 2,262 112,159 960 3,410 6,382 142,88 112,7 76,8 312,2 55,1 147,8	0.0 0.3 0.1 0.0 0.0 0.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2.1 0.0 0.9 0.1 1.3 0.4 1.3 1.3 0.5 1.5 1.2 2.5 0.8 0.0 0.4 Weekly 3.3 3.1 4.2 2.1 3.3 4.2 2.1 3.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3	4 4 2 2 3 1 1 3 6 6 10 7 7 10 2 6 6 4 5 5 2 6 4 5 5 5 8 4 9 9 5 5 1 5 6 6 7 7 6 6 7 7 6 6	29 21 8 9 11 14 12 20 29 6 12 27 0 47 38 8 21 Year 23 36 6 12 8 24 6 6
Nikota FFESTOD FESTON OF EuroShoro S O EuroS O E	25,803 23,715 7,769 3,612 10,467 13,201 15,510 23,544 848 87,994 79,752 49,235 5,43 2,262 112,159 960 3,410 6,382 1,276 112,7 76,8 31,2 55,1 12,7 76,8 31,2 11,7 11,8 11,8 11,8 11,8 11,8 11,8 11,8	0.0 0.3 0.1 0.0 0.0 0.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2.1 0.0 0.9 0.1 1.3 0.4 1.3 1.3 1.3 1.2 0.5 1.5 1.5 0.2 2.5 0.2 2.5 0.0 0.4 Weekly 3.3 3.3 3.3 3.3 3.3 3.3 3.3 4.4 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7	4 4 2 2 3 1 1 3 6 6 10 7 7 10 2 6 6 4 4 5 5 2 6 4 4 5 5 8 4 4 9 9 5 5 6 6 7 7 8 8	29 21 8 9 11 14 12 20 29 6 12 27 0 29 6 12 27 38 8 21 Year 23 30 25 6 6 12 8 8 8 9 12 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
Nikota PETES TOO Eurochox S O E	25,803 23,715 7,769 3,612 10,467 13,201 5,510 23,544 848 87,994 479,752 49,235 5,647 2,543 2,262 112,159 961 3,410 6,382 1,27 16,8 112,7 17,7 16,8 112,7 17,8 112,8 112,7 17,8 112,8	0.0 0.3 -0.1 0.0 0.0 0.3 -0.1 0.5 -0.4 0.5 0.2 0.5 0.2 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.3 0.1 0.5 0.2 0.2 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2.1 0.0 0.9 0.1 0.7 -1.3 0.4 3.1 1.3 0.5 1.2 2.5 -3.6 8 0.0 0.4 Weetly 3.3 3.1 4.2 2.1 4.3 4.3 4.7 4.3 4.3 4.3 4.5 4.6 4.6 4.6 4.6 4.6 4.6 4.6 4.6 4.6 4.6	4 4 2 2 3 1 1 3 6 10 7 7 10 2 6 4 5 2 6 4 4 5 5 8 4 9 9 5 5 1 5 6 6 7 7 6 6 7 8 5 6 6 7	29 21 8 9 11 14 12 20 29 6 6 12 27 0 47 38 8 21 Year 23 30 25 6 6 6 12 8 8 12 12 20 20 20 20 20 20 20 20 20 20 20 20 20
Nision FFEST 100 Eurocitos S 0	25,803 23,715 7,769 3,612 10,467 13,201 5,510 23,544 848 87,994 79,752 49,235 5,647 2,543 2,262 112,159 960 3,410 6,382 124,78 147,8 112,7 76,8 31,2 55,1 12	0.0 0.3 -0.1 0.0 0.0 0.3 -0.5 -0.4 0.2 0.5 0.2 0.5 0.2 0.5 0.2 0.5 0.2 0.5 0.1 0.0 0.0 0.0 0.3 0.1 0.5 0.2 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2.1 0.0 0.9 0.1 0.7 -1.3 0.4 3.1 1.3 -0.2 2.5 3.6 0.0 0.4 Weekly 3.3 3.1 4.7 4.3 4.7 4.3 4.7 4.3 4.3 4.7 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3	4 4 2 3 3 1 3 6 6 100 7 7 100 2 6 4 4 5 5 8 4 9 9 5 5 1 5 6 7 7 8 5 6 6 4 4 4 4 4	29 9 11 14 12 20 29 6 12 27 0 47 38 8 21 Year 23 30 25 6 6 12 27 0 47 38 8 8 21 22 25 26 27 27 28 28 28 28 28 28 28 28 28 28
Nilode TESE 100 Caused No. 50	25,803 23,715 7,769 3,612 10,467 13,201 15,510 23,544 848 87,94 479,752 262 112,159 960 3,410 6,382 evel 147.8 31,2 55,1 17,68 31,2 55,1 17,6 67,5 15,3 15,4 67,5 15,3 15,4 67,5 15,3 15,4 67,5 94,6 784,9 300.1 195,5 94,6	0.0 0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2.1 0.0 0.9 0.1 0.7 -1.3 0.2 0.5 -1.5 0.2 2.5 0.0 0.0 0.4 3.1 1.2 0.2 2.5 3.6 0.0 0.4 3.1 1.2 2.5 3.6 4.2 2.1 4.3 4.3 4.4 4.3 4.3 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5	4 4 2 3 3 1 3 6 6 100 7 7 100 2 6 4 4 5 5 8 4 4 9 9 5 5 6 7 7 8 5 6 6 4 4 4 8 8 5 6 6 4 4 4 8 8 5 6 6 6 4 4 6 8 6 7 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8	29 11 8 9 11 14 12 20 29 20 29 6 12 27 0 47 38 8 21 25 36 6 6 12 8 8 24 4 4 5 8 8 8 12 12 12 12 12 12 12 12 13 13 14 15 16 16 16 16 16 16 16 16 16 16
Niloted FEES TOO ClauseStucks 50 ClauseStucks 50 CAC ASS Claims Bloovepa Blooze MasCol Mascol MasCol Mascol MasCol Mascol	25,803 3,612 3,715 7,769 10,467 10,467 10,467 10,467 10,467 10,467 10,467 112,75 112,75 112,75 112,75 113,75 114,75 115,31 115,31 115,41 115,31 115,41 115,31 115,41 115,31 115,41 115,31 115,31 115,41 115,31 115,41 115,31 115,41 115,31 115,41 115,31 115,41 115,31 115,41 115,31 115,41 115,31 115,41 115,31 115,41 115,31 115,41 115,31 115,41 115,31 115,41 115,51 115,31 115,41 115,51 115,31 115,41 115,51 115,3	0.0 0.3 -0.1 0.0 0.0 0.3 -0.1 0.0 0.0 0.3 -0.1 0.5 0.2 0.5 0.5 0.5 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2.1 0.0 0.9 0.1 0.7 -1.3 0.2 0.5 -1.5 -1.5 -2.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4 4 2 3 3 1 3 6 6 10 7 7 10 2 6 6 4 5 5 8 4 9 9 5 5 1 1 5 6 6 7 7 8 8 5 5 6 4 4 4 8 8 4 4 6 6 5 5	29 11 8 9 11 14 12 20 20 29 6 12 27 0 47 73 88 8 21 23 30 25 66 61 26 66 61 27 88 88 88 88 88 88 88 88 88 8
Nikote TFES TOO EuroShoux 50 EuroShoux 50 AS ARMS ARMS ARMS ARMS ARMS ARMS ARMS AR	25,803 3,612 3,715 7,769 3,612 3,612 3,612 3,612 3,612 3,612 49,215 49,2	0.0 0.3 0.1 0.0 0.0 0.3 0.1 0.5 0.2 0.5 0.2 0.5 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2.1 0.0 0.9 0.1 0.7 1.3 0.4 3.1 1.2 0.5 1.5 2.0 2.2 2.3 0.8 0.0 0.4 Weekly 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.	4 4 2 3 3 1 3 6 6 10 7 7 10 2 6 4 4 5 5 2 6 6 4 4 5 5 8 8 4 9 9 5 5 1 1 5 6 6 7 7 8 8 5 6 6 4 4 8 8 4 4 6 6 5 5 5 5 5 5 5	29 11 8 9 11 14 12 20 20 20 6 12 20 20 47 38 8 21 Year 25 36 6 19 20 47 38 8 21 25 46 47 47 48 48 48 48 48 48 48 48 48 48
Nikota FEES 100 EuroSibusos 50 EuroS	25,803 3 3 5 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	0.0 0.3 0.1 0.0 0.0 0.0 0.0 0.1 0.5 0.2 0.5 0.2 0.5 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2.1 0.0 0.9 0.1 0.7 1.3 0.4 1.3 1.3 1.2 0.5 1.5 2.3 0.6 0.5 1.5 2.3 0.0 0.4 Weekly 1.3 3.1 4.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3	4 4 2 3 1 1 3 6 10 7 7 7 10 2 6 4 4 5 5 5 5 5 9 9	291 8 9 111 14 122 299 6 12 27 0 47 38 8 121 Year 25 36 6 19 20 4 4 17 28 17 28 17 28 17 28 17 28 17 28 17 28 17 28 30 30 47 30 47 31 30 47 31 30 30 30 30 30 30 30 30 30 30 30 30 30
Nilode TESE 100 Caused No. 50	25,803 3,612 3,715 7,769 10,467 10,467 10,467 10,467 10,467 10,467 10,467 10,467 10,467 10,467 11,76	0.0 0.3 0.1 0.0 0.0 0.0 0.1 0.5 0.2 0.5 0.5 0.5 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2.1 0.0 0.9 0.1 0.7 1.3 0.4 1.3 3.1 1.3 3.1 1.3 0.2 2.5 5.2 2.5 1.2 2.5 2.5 3.6 3.3 3.3 3.3 3.1 4.2 2.1 5.2 6.2 6.3 6.3 6.3 6.3 6.3 6.3 6.3 6.3 6.3 6.3	4 4 4 2 3 3 1 1 3 6 6 10 7 7 10 2 6 4 4 5 5 2 6 6 4 4 5 5 5 5 5 9	29 11 8 9 11 14 12 20 20 29 6 12 27 0 47 38 8 21 17 23 25 26 26 27 20 20 47 20 20 20 47 20 20 20 20 20 20 20 20 20 20
Nikota FESE 100 Caurolisous 50 Caurolisous 50 Caurolisous 50 ASE Alleren ASE Alleren Bororaga (Bisze) Mostod Mostod Mostod (Bisze) Most CEM Europe* Polarid Most CEM Europe* Most CEM Europe Most CEM Europe	25,803 2,756 27,769 23,715 27,769 21,201 21,201 22,544 23,5510 23,544 24,021 25,540 24,021 25,643 26,021 25,643 26,021 25,643 26,021 26,032 26	0.0 0.3 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2.1 0.0 0.9 0.1 0.7 1.3 0.4 1.3 3.1 1.3 3.1 1.5 1.2 0.2 2.5 1.2 2.5 0.0 0.4 4.5 1.3 3.3 3.3 3.3 3.3 4.2 2.1 3.1 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3	4 4 2 3 1 1 3 6 10 10 17 10 2 6 4 4 5 2 6 4 4 5 5 5 6 6 7 7 8 8 5 6 4 4 4 8 4 4 6 6 5 5 5 5 9 9 9 14	291 8 9 111 14 122 29 29 6 12 27 0 47 38 8 21 17 15 8 17 15 13 30 37
Nikote TFEE TOO CEARCH NO. 50	25,803 27,767 27,769 21,715 27,769 21,715 21	0.0 0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2.1 0.0 0.0 0.9 0.1 0.0 0.9 0.1 0.7 0.1 0.2 0.5 0.2 0.5 0.2 0.5 0.2 0.5 0.2 0.5 0.2 0.5 0.2 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4 4 2 3 1 1 3 6 10 10 10 10 10 10 10 10 10 10 10 10 10	291 8 9 111 14 122 20 20 20 6 227 27 27 28 21 25 8 8 17 28 21 27 27 27 27 27 27 27 27 27 27 27 27 27
Nikote TFEST 100 C FAST 100 C FAS	25,803 27,756 27,766 22,715 27,766 21,715 21	0.0 0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2.1 0.0 0.0 0.9 0.0 0.0 0.9 0.0 0.0 0.0 0.0	4 4 2 3 1 1 3 6 6 10 7 7 10 2 6 6 4 5 5 5 8 4 9 9 5 1 1 5 6 6 7 7 6 6 7 7 8 8 5 5 6 6 4 4 4 8 8 4 6 6 5 5 5 5 9 9 9 114 7 7 7 Monthly 4.1	29 11 14 12 20 29 6 6 12 27 7 38 8 21 27 7 28 17 17 15 13 30 7 7 12 6 6 7 7 12 8 8 7 12 8 8 7
Nikota FFEST 100 FFEST 100	25,803 27,765 27,765 27,765 21,715 21	0.0 0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2.1 0.0 0.0 0.9 0.9 0.1 1.3 0.4 1.3 0.2 1.3 0.5 1.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0	4 4 2 3 1 1 3 6 6 10 7 7 10 2 6 6 4 5 5 8 4 9 9 5 1 1 5 6 6 7 7 6 6 7 7 8 8 5 5 6 6 4 4 4 8 4 4 6 6 5 5 5 5 9 9 9 14 7 7 7 Monthly 4.1 2.8 4.1.7 3	29 1 8 9 11 14 12 20 20 20 9 6 12 22 3 8 8 21 25 36 6 6 12 8 4 4 4 6 6 12 25 36 6 6 12 8 7 12 8 7 12 6 17 17 17 18 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19
Nisked FFEE TOO GARGENOUS 50 GA	25,003 22,715 27,769 22,715 27,769 22,715 27,769 23,715 24,715 24,715 25	0.0 0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2.1 0.0 0.9 0.1 0.7 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	4 4 2 3 1 1 3 6 6 10 7 7 10 2 6 4 4 5 5 5 6 6 4 4 4 8 8 5 6 6 6 7 7 8 8 5 6 6 4 4 4 8 4 6 6 5 5 5 5 9 9 9 14 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	29 1 8 9 11 14 12 20 20 20 6 6 12 2 8 8 21 25 36 6 6 12 8 8 17 7 12 6 6 17 7 12 6
Nikote FFEST 100 FaveShors 50 FAVESHORS 100	25,803 27,769 27,769 23,715 27,769 23,715 23,715 23,715 23,716 23	0.0 0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2.1 0.0 0.0 0.9 0.9 0.1 0.7 0.1 0.7 0.1 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	4 4 2 3 1 1 3 6 6 10 7 7 10 2 6 4 5 5 5 8 4 4 9 9 5 5 1 1 5 6 6 4 4 8 8 4 6 6 5 5 5 9 9 14 4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	299 111 129 9 111 129 9 111 129 209 6 12 27 0 47 38 8 121 21 221 27 0 47 17 15 13 30 37 12 6 12 17 17 15 13 30 37 16 16 17 17 17 17 17 17 17 17 17 17 17 17 17
Nikote TFEST 100	25,803 27,765 27,765 27,765 21,715 21	0.0 0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	4 4 2 3 1 1 3 6 10 7 7 10 10 2 6 4 4 5 5 5 8 4 4 9 9 5 1 1 5 6 6 7 7 6 6 7 7 8 5 5 9 9 9 14 1 7 7 7 12 8 6 1 1 2 8 6	299 111 129 9 111 129 9 111 129 9 6 12 27 0 47 38 8 121 21 225 6 12 24 25 6 12 26 17 17 17 15 13 30 37 12 6 17 17 15 16 17 17 17 17 17 17 17 17 17 17 17 17 17
Nisked FFEET 100 GLAR CANONS 50 MAGCI Latam * Bloovepag Blazz MAGCI Latam * Bloovepag Blazz MAGCI Latam * Bloovepag Blazz MAGCI Marcope * Poland MAGCI Marcope * MAGCI Marcope * Poland MAGCI Marcope *	25,803 27,756 27,766 22,715 27,766 21,716 22,716 22,716 22,716 22,716 22,716 22,716 22,716 22,716 22,716 22,716 22,717 22,717 22,717 22,717 23,717 24,717 25,717 26	0.0 0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2.1 0.0 0.0 0.9 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	4 4 2 3 1 1 3 6 6 1 7 7 10 2 6 6 4 4 5 5 6 6 7 7 8 8 4 9 9 5 1 1 5 6 6 7 7 8 8 8 4 4 6 6 5 5 9 9 9 14 7 7 7 Mountly 4.1 2 4 1	29 1 1 1 1 1 2 2 9 2 9 6 1 2 7 2 8 2 1 1 2 2 9 2 9 6 1 2 7 2 8 2 1 1 2 2 9 2 9 1 2 7 2 8 2 1 1 2 1 2 9 2 9 1 2 7 2 8 2 1 1 2 1 2 9 1
Nisked FFEET 100 CRUSSIONS 50 C	25,003 22,215 27,267 28,207 28	0.0 0.3 0.3 0.1 1 0.5 0.5 0.5 0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	4 4 2 3 3 1 3 6 6 9 10 7 10 0 2 6 6 4 9 5 5 1 5 6 6 7 7 7 8 8 5 5 5 6 6 4 4 4 8 4 6 6 5 5 5 9 9 9 14 7 7 7 7 10 10 10 10 10 10 10 10 10 10 10 10 10	291 8 9 11 11 12 20 12 20 20 20 21 27 0 47 38 8 24 47 36 6 6 19 25 36 6 6 19 26 4 5 19 27 28 6 6 7 19 29 6 6 7 19 20 7 17 20 8 1 17 21 17 22 8 1 17 23 18 24 17 25 18
Nision Fast State	25,003 27,005 23,414 13,201 13,201 13,201 13,201 13,201 13,201 13,201 13,201 13,201 13,201 13,201 14	0.0 0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2.11 0.00 0.00 0.00 0.00 0.00 0.07 1.13 0.04 1.13 1.13 1.22 2.55 1.22 2.55 1.23 2.13 2.13 2.13 2.13 2.13 2.13 2.13	4 4 2 3 3 1 3 6 6 10 7 7 100 2 6 4 4 5 5 5 6 6 7 6 7 6 7 6 7 6 7 6 7 6 7 7 7 7	291 8 9 11 11 12 20 9 20 9 6 12 27 27 28 8 8 2 27 27 20 47 38 8 8 2 25 36 6 12 27 27 20 20 20 20 20 20 20 20 20 20 20 20 20
Nisked FFEE TIOD FLAVESTON, SEP FLAV	25,803 27,766 27,766 23,715 27,766 23,715 27,766 23,715 23,144 24,715 24	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2.11 0.00 0.00 0.00 0.01 0.13 0.13 0.13 0.13 0.13 0.13 0.15 1.2 2.5 0.2 2.5 0.3 0.4 4.3 1.3 0.3 1.3 0.3 1.3 0.3 1.3 0.3 1.3 0.3 1.3 0.3 1.3 0.3 1.3 0.3 1.3 0.3 1.3 0.3 1.3 0.3 1.3 0.3 1.3 0.3 1.3 0.3 1.3 0.3 1.3 0.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1	4 4 2 3 3 1 1 3 6 6 10 7 7 7 10 2 2 6 6 4 4 8 4 9 9 5 5 1 5 5 6 6 7 7 8 8 5 7 7 8 8 7 7 7 7 7 7 7 7 7 7 7	291 8 9 11 11 12 20 9 20 9 6 12 7 0 7 3 8 8 8 8 8 8 1 9 1 9 1 9 1 9 1 9 1 9 1 9
Nisked FFEET 100 Guerations 50 MSC Lattam * Bloovepag Bissor Bi	25,803 2 2 2,803 2 2 2,803 2 2 2,803 2 2 2,803 2 2 2,803 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0.0 0.3 0.3 0.1 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2.11 0.00 0.00 0.00 0.00 0.00 0.00 0.00	4 4 2 3 1 1 3 6 6 10 7 7 10 2 6 6 4 4 5 5 5 6 6 4 4 4 8 5 5 5 5 9 9 114 1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	291 8 9 91 114 12 20 92 20 92 6 6 12 27 0 47 8 38 8 24 17 25 8 6 6 12 25 8 6 6 12 16 12 25 8 6 6 12 26 6 12 27 17 17 17 16 12 28 17 17 17 17 17 17 17 17 17 17 17 17 17
Nisola FIFE TOO B GLOCK NO. 50	25,803 27,765 27,766 27	0.0 0.3 0.3 0.3 0.0 0.0 0.0 0.0 0.0 0.0	2.11 0.00 0.00 0.00 0.00 0.00 0.01 0.07 1.33 0.05 1.02 2.05 2.35 0.80 0.00 2.25 2.55 2.35 2.35 2.35 2.35 2.35 2.35	4 4 2 3 3 1 1 3 3 6 6 10 7 7 7 7 7 8 8 5 6 6 4 4 8 8 9 9 9 14 4 18 8 7 7 7 7 7 7 7 7 8 8 7 7 7 7 7 7 7	291 8 8 91 11 14 12 200 9 6 12 70 0 70 12 27 0 6 12 70 0 70 12 70 13 70 14 70 15 70 16 70 17 70 17 70 18 70 18 70 18 70 18 70 18 70 18 70 18 70 18 70 18 70 18 70 18 70 18 70 18 70 18 70 70 70 70 70 70 70 70 70 70 70 70 70 7
Nisked FFEET 100 GLAR CANOLOS 50 GLAR CANOLOS	25,803 22,715 27,806 22,715 27,806 22,715 27,806 22,716 22,716 22,716 22,716 22,716 22,716 22,716 22,716 22,716 22,716 22,716 22,717 22,717 22,717 22,717 23,717 24,717 25,717 26	0.0 0.3 0.3 0.3 0.0 0.0 0.0 0.0 0.0 0.0	2.11 0.00 0.00 0.00 0.00 0.00 0.01 0.07 1.03 0.04 0.11 0.02 0.05 1.02 0.05 1.02 0.05 1.02 0.05 1.03 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0	4 4 2 3 3 1 1 3 3 6 6 10 7 7 10 0 10 5 8 8 4 9 9 5 5 5 5 6 6 7 7 8 6 6 4 4 8 8 6 7 7 7 7 8 6 6 7 7 8 8 7 7 7 7 7 8 7 8	299 211 8
Nisked FFEE TIOD FLAVESTONS 50	25,803 27,769 27,769 21,212 23,715 27,769 21,212 23,715 24	0.0 0.3 0.3 0.3 0.0 0.0 0.0 0.0 0.0 0.0	2.11 0.00 0.00 0.00 0.00 0.00 0.00 0.01 0.13 0.13	4 4 2 3 3 1 1 3 6 6 10 7 7 7 10 0 5 6 6 4 9 9 5 5 6 6 6 4 4 4 8 8 4 6 6 5 5 5 6 6 6 7 7 7 8 8 5 5 6 6 7 7 7 8 8 5 5 7 7 7 7 1 2 8 8 7 7 7 7 1 2 8 8 7 7 7 7 1 2 8 8 8 1 1 1 2 8 8 1 1 2 8 8 1 1 2 8 8 1 1 2 8 8 1 1 2 8 8 1 1 2 8 8 1 1 2 8 8 1 1 2 8 8 1 1 2	291 8 8 11 114 122 200 11 11 144 122 200 201 202 202 203 203 205 206 206 207 207 207 208 208 208 208 208 208 208 208 208 208
Nisola FIFEE TOO GUARANA SO MAGI Latam * Bloovepap Bissze MAGI Latam * Bissze	25,803 22,715 27,806 22,715 27,806 22,715 27,806 22,716 22,716 22,716 22,716 22,716 22,716 22,716 22,716 22,716 22,716 22,716 22,717 22,717 22,717 22,717 23,717 24,717 25,717 26	0.0 0.3 0.3 0.3 0.0 0.0 0.0 0.0 0.0 0.0	2:1 0:0 0:0 0:0 0:0 0:0 0:0 0:0 0:0 0:0 0	4 4 2 3 3 1 1 3 6 6 100 7 7 7 100 8 6 6 4 5 5 5 6 6 4 6 5 5 5 6 6 6 4 6 6 6 6	299 211 8
Nisked FFEET 100 Caucations 50	25,803 22,315 27,769 22,3715 27,769 23,341 23,201 23,344 24,77,762 24,77,77,77 24,77	0.0 0.3 0.3 0.1 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2.11 0.00 0.00 0.00 0.00 0.00 0.00 0.01 0.13 0.13	4 4 2 3 1 1 3 6 6 100 7 7 7 7 7 7 7 7 7 7 7 8 8 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1	291 8 8 9 11 114 12 200 200 47 200 47 38 8 8 12 21 22 23 23 24 46 46 26 26 67 27 17 17 16 17 17 17 17 17 17 17 17 17 17 17 17 17





Debt market	s(10Y,%,d	anges in t	ip)		
Developed Markets US (2-yr)	level 2.00	Daily 0.0	Week 4.0	Month 19	Year 78
US GER (2-yr)	2.55 -0.57	0.0 -0.6	6.6 4.2	20 13	11 20
Germany France	0.59 0.86	0.6	8.6 7.3	20 22	24 5
Spain Italy	1.53 2.00	2.9 1.8	4.8 1.7	8 21	10
Portugal Greece	1.80 3.90	0.7 -0.3	-6.6 20.4	-2 -22	-209 -299
Japan (2-yr) Japan	-0.13 0.08	1.4	-0.7 2.7	2	6
Emerging Markets Brazil	level 9.82	Daily	Weekly	Monthly -53	Year
Chile	4.57	0.0	5.1	-14	25
Colombia Mexico	6.38 7.51	-0.2 -6.2	3.0 6.6	-14 12	-72 -13
Peru Poland	4.44 3.30	-5.9 -2.3	-24.2 5.8	-49 6	-203 -42
Russia Turkev	7.49 11.58	-3.8 15.0	-15.0 17.0	-18 -40	-96 58
India Indonesia	7.28 6.20	-0.5 -1.2	-6.7 7.4	15 -31	90 -164
Country r	isk (bp, chang	es in bp)	Weekly	Monthly	
10-yr sovereign spread vs Germany	level	Daily			Year
France Italy	27 141	0.3 1.2	-1.3 -6.9	1	-19 -11
Portugal	121 94	0.1 2.3	-15.2 -3.8	-23 -12	-234 -14
Spain 2-yr so vereign spread vs Germany					
France Italy	16 27	1.1 -0.2	1.0 -2.0	-13	-34
Portugal Spain	33 20	5.2 -0.1	-5.5 -2.2	-10 -16	-48 -28
Emerging Markets	level	Daily	Weekly	Monthly	Year
5-yr sovereign CDS* Brazil	144	-0.6	-1	-20	-127
Chile Colombia	44 92	-1.1 -1.4	-3 -4	-10 -18	-39 -71
Mexico Peru	98 66	-2.8	1 -2	-5 -4	-59 -42
Poland	49	-0.3 -0.3	0	-4	-27
Russia Turkey	109 157	-1.1 -2.7	-6 1	-17 -17	-67 -115
China India	47 67	0.8	0	-7 -4	-70 -60
Indonesia	79	0.5	-1	-12	-77
Volatilty indicators (%)	isk indicators level	Daily	Weekly	Monthly	Year
VIX VST OXX	10 11	0.0	7	-3 -10	-2 -5
EM EFT volatility Index	15	0.0	-5	0	-25
Dollar/euro volatility EM FX volatility index	8	9.6 2.4	32 2	43 0	-27 -31
Credit spread (BAA) (bps)	168 48	0.0	-7 4	-14 6	-59 -38
US bonds volatifity index Inflation expectations (%) US Inflation expectations (5Y5Y)	level 2,29	Daily	Weekly -5	Monthly	Year -25
US Inflation expectations (5Y5Y) EZ Inflation expectations (5Y5Y)	1.75	1.6	-5 4	4	-25 -4
Banking 5y CDS (bps) *	level 42	Daily :0.4	Weekly 2	Monthly -2	Year -29
EZ	35	-1.0	-1	-5	-73
UK Large Spanish	40 33	-0.6 -0.7	0	-2 -5	-50 -84
Medium Spanish Corporate 5y CDS (bps) *	68 level	-1.8 Daily	-1 Weekly	-9 Monthly	-83 Year
US Non-financial	142	-0.4	2	-2	-29
EZ Non-financial UK Non-financial	61 96	-1.0 5.5	-1 6	-5 1	-73 -29
Interbank m	arkets (%, ch	nges in by	Weekly	Monthly	Venr
EONIA Index	-0.36	0.00	0.0	0.0	0.0
Euribor 3m Euribor 12m	-0.33 -0.19	0.00	0.0	0.0	0.0 -0.1
Libor 3m Libor 12m	1.72 2.17	0.00	0.0	0.1	0.7
	ck markets (
Main indices S&P500	level 2,786	Daily 0.0	Weekly 1.4	Monthly 5	Year 23
Dow Jones	25,803	0.0	2.1	5	29
Nikkei	23,715	0.3	0.0	4	21 8
FTSE 100	7,769	-0.1	0.9		
EuroStoxx 50	7,769 3,612	0.0	-0.1	2	9
EuroStoxx 50 IBEX DAX	7,769 3,612 10,467 13,201	0.0 0.0 -0.3	-0.1 0.7 -1.3	2 3 1	9 11 14
EuroStoxx 50 IBEX DAX CAC MIB	7,769 3,612 10,467 13,201 5,510 23,544	0.0 0.0 -0.3 -0.1 0.5	-0.1 0.7 -1.3 0.4 3.1	2 3 1 3 6	9 11 14 12 20
EuroStoxx 50 IBEX DAX CAC ACAC ASF Athens	7,769 3,612 10,467 13,201 5,510	0.0 0.0 -0.3 -0.1	-0.1 0.7 -1.3 0.4	2 3 1	9 11 14 12
EuroStoxo 50 IBEX DAX CAC CAC ASSENTING ASSENTING ASSENTING MSG Latam * Ibovespa (Razzii)	7,769 3,612 10,467 13,201 5,510 23,544 848 87,994 79,752	0.0 0.0 -0.3 -0.1 0.5 -0.4 0.2	-0.1 0.7 -1.3 0.4 3.1 1.3 -0.2 0.5	2 3 1 3 6 10 7	9 11 14 12 20 29 20 29
EuroStoxx 50 IBER IDAX CAC CAC MIB ASE Athens MSCI Latam * Ibovespa (Bazil) Meobol Medotol Medotol Medotol	7,769 3,612 10,467 13,201 5,510 23,544 848 87,994 79,752 49,235 5,647	0.0 0.0 -0.3 -0.1 0.5 -0.4 0.2 0.5 0.2	-0.1 0.7 -1.3 0.4 3.1 1.3 -0.2 0.5 -1.5	2 3 1 3 6 10 7 10 2	9 11 14 12 20 29 20 29 6 12
EuroStoux 50 IBIX D AX C AC CAC MISB MSG Latam * Ibovepa (Bazil) Model	7,769 3,612 10,467 13,201 5,510 23,544 848 87,994 79,752 49,235 5,647 2,543 2,262	0.0 0.0 -0.3 -0.1 0.5 -0.4 0.2 0.5 0.2 0.5 0.1	-0.1 0.7 -1.3 0.4 3.1 1.3 -0.2 0.5 -1.5 1.2 -0.2 2.5	2 3 1 3 6 10 7 10 2 6 4 5	9 11 14 12 20 29 20 29 6 12 27
EuroStoux 50 IBIX D AX C AC CAC MISB MSG Latam * Ibovepa (Bazil) Model	7,769 3,612 10,467 13,201 5,510 23,544 848 87,994 79,752 49,235 5,647 2,543	0.0 0.0 0.3 -0.1 0.5 -0.4 0.2 0.5 0.2 0.5 0.1 0.0 -2.2	-0.1 0.7 -1.3 0.4 3.1 1.3 -0.2 0.5 -1.5 1.2 -0.2 2.5 -3.6	2 3 1 3 6 10 7 10 2 6 4	9 11 14 12 20 29 20 29 6 12 27
EuroStoox, SO IEEX DAX CAC MIB MSC Hatan MSC Latan MSC Latan Msc General Medodo Medo	7,769 3,612 10,467 13,201 5,510 23,544 848 87,994 79,752 49,235 5,647 2,543 2,262 112,159 960 3,410	0.0 0.0 0.3 -0.1 0.5 -0.4 0.2 0.5 0.2 0.5 0.1 0.0 -2.2 0.8 -0.5	-0.1 0.7 -1.3 0.4 3.1 1.3 -0.2 0.5 -1.5 1.2 -0.2 2.5 -3.6 0.8 0.0	2 3 1 3 6 10 7 10 2 6 4 5 2 6	9 11 14 12 20 29 20 29 6 12 27 0 47 38 8
EuroSioxx 50 IBEX XD DAX CAC MIB MS ASA Alberts MSC Latan* University discard Microscopic discard Microsco	7,769 3,612 10,467 13,201 5,510 23,544 848 87,994 79,752 49,235 5,647 2,543 2,262 112,159 960 3,410 6,382 level	0.0 0.0 0.3 -0.1 0.5 -0.4 0.2 0.5 0.2 0.5 0.1 0.0 -2.2 0.8 -0.5 -0.1	-0.1 0.7 -1.3 0.4 3.1 1.3 -0.2 0.5 -1.5 1.2 -0.2 2.5 -3.6 0.8 0.0 0.4	2 3 1 3 6 10 7 10 2 6 4 5 2 6 4 5	9 11 14 12 20 29 20 29 6 12 27 0 47 38 8 21
Eurodisox 50 IEEX NO DAX OAX OAX OAX OAX OAX OAX OAX OAX OAX O	7,769 3,612 10,467 13,201 5,510 23,544 848 87,994 49,235 5,647 2,543 2,262 112,159 960 3,410 6,382 level	0.0 0.0 0.3 -0.1 0.5 -0.4 0.2 0.5 0.2 0.5 0.1 0.0 -2.2 0.8 -0.5 -0.1 Daily 0.0	-0.1 0.7 -1.3 0.4 3.1 1.3 -0.2 0.5 -1.5 1.2 -0.2 2.5 -3.6 0.8 0.0 0.4 Weekly 3.3	2 3 1 3 6 10 7 10 2 6 4 5 2 6	9 11 14 12 20 29 20 29 6 12 27 0 47 38 8
Eurodiox 50 IEEX DAX DAX CAC AIGA AIGA AIGA AIGA AIGA AIGA AIGA	7,769 3,612 10,467 13,201 15,510 23,544 848 87,994 479,752 49,235 5,647 2,543 2,262 112,159 960 3,410 6,382 level 147,8 112,7 76,8	0.0 0.0 0.3 -0.1 0.5 -0.4 0.2 0.5 0.2 0.5 0.1 0.0 -2.2 0.8 -0.5 -0.1	-0.1 0.7 -1.3 0.4 3.1 1.3 -0.2 0.5 -1.5 1.2 -0.2 2.5 -3.6 0.8 0.0 0.4	2 3 1 3 6 10 7 10 2 6 4 5 2 6 4 5 2 6 Monthly 5	9 11 14 12 20 29 20 29 6 12 27 0 47 38 8 21 Year 23
EuroStous 50 IBIEX DAX DAX CAC MIS	7,769 3,612 10,467 13,201 5,510 23,544 848 87,994 79,752 49,235 5,647 2,543 2,262 112,159 960 3,410 6,382 level 147,8 112,7 6,8 31,2 55,1	0.0 0.0 0.0 -0.3 -0.1 0.5 -0.4 0.2 0.5 0.2 0.5 0.1 0.0 -2.2 0.8 -0.5 -0.1 Daily 0.0 0.0 0.0	-0.1 0.7 -1.3 0.4 3.1 1.3 -0.2 0.5 -1.5 1.2 2.5 -3.6 0.0 0.4 Weekly 3.3 3.8 3.1 3.6 4.2	2 3 1 3 6 10 7 10 2 6 4 5 5 2 6 4 5 5 5 8 Monthly 5 8	9 111 144 122 20 29 20 29 6 12 27 0 47 38 8 21 Year 23 30 25 36 26
EuroSisco, 50 IEEEX DAX DAX OAX AGE	7,769 3,612 10,467 13,201 5,510 23,544 848 87,994 79,752 49,235 5,647 2,543 2,262 112,159 960 3,410 6,382 level 147.8 112,7 76.8 31,2 55.1 257.0 117.8	0.0 0.0 0.3 -0.1 0.5 -0.4 0.2 0.5 0.5 0.1 0.0 -2.2 0.8 -0.5 -0.1 Daily 0.0 0.0 0.0 0.0	-0.1 0.7 -1.3 0.4 3.1 1.3 -0.2 0.5 -1.5 -1.2 -0.2 2.5 -3.6 0.8 0.0 Weekly 3.3 3.8 3.1 3.6 4.2 2.1	2 3 1 3 6 10 7 10 2 6 4 5 2 6 4 5 2 6 4 5 2 6 4 5 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	9 11 14 12 20 29 20 29 6 6 12 27 0 47 38 8 21 Year 23 30 25 36 6 6
EuroSioux 50 IBICX DAX DAX ACA ACA ACA ACA ACA ACA ACA ACA ACA A	7,769 3,612 10,467 13,201 5,510 23,544 848 87,994 79,752 49,235 5,647 2,562 112,159 960 3,410 6,382 level 147,8 31,2 55,1 257,0 117,8 6,7 5,1 17,5 17,5 18,6 11,7 18,7 18,7 18,7 18,7 18,7 18,7 18,7	0.0 0.0 0.3 -0.1 0.5 -0.4 0.2 0.5 0.1 0.0 0.8 -0.5 -0.1 Daily 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	-0.1 0.7 -1.3 0.4 3.1 1.3 -0.2 0.5 -1.5 1.2 -0.2 2.5 -3.6 0.8 0.0 4 Weekly 3.3 3.8 3.1 3.6 4.2 2.1 4.3 4.3 4.3	2 3 1 1 3 6 10 7 10 2 6 4 5 2 6 4 5 5 Monthly 5 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	9 11 14 12 20 29 20 29 6 6 12 27 0 47 38 8 21 23 30 25 26 6 6 6
Eurodisch 50 BIEX DAX DAX CAC BIES BIES BIES BIES BIES BIES BIES BIES	7,769 3,612 10,467 13,201 5,510 23,544 848 87,994 79,752 49,235 5,647 2,262 112,159 960 3,410 6,382 1076 1147.8 112.7 76.8 31,2 55,1 257,0 117.8 153,1 257,0 117.8 153,1 257,0 117.8 153,1 154,1 155,1 155,1	0.0 0.0 0.3 -0.1 0.5 -0.4 0.2 0.5 0.1 0.0 -2.2 0.5 -0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.1 0.1	-0.1 0.7 -1.3 0.4 3.1 1.3 -0.2 0.5 1.2 -0.2 2.5 -3.6 0.0 0.4 Weekly 3.3 3.8 3.1 4.2 2.1 4.3 4.7 3.1 4.7	2 3 1 3 6 10 7 10 2 6 4 5 2 6 4 5 8 4 5 8 4 9 5 1 1 5 8 8 4 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9	9 111 14 12 20 29 6 6 12 27 0 47 38 8 21 Year 23 30 25 36 6 6 12 8
EuroSico 50 BIEX DAX DAX CAC MISS AND	7,769 3,612 10,467 13,201 5,510 23,544 848 87,994 49,235 49,235 49,235 12,647 2,543 2,262 112,159 960 3,410 6,382 147,88 112,7 768 31,2 55,1 125,0 117,8 67,5 15,3 15,4 16,6 3,0	0.0 0.0 0.0 0.1 0.5 0.2 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-0.1 0.7 1-1.3 0.4 3.1 1.3 -0.2 2.5 1-5 1.2 2.5 3.6 0.0 0.0 0.4 Weekly 3.3 3.8 4.2 2.1 4.3 4.7 4.3 4.3 4.7 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3	2 3 1 1 3 6 10 7 7 10 2 6 4 5 5 2 6 4 5 5 8 4 9 5 5 1 5 6 7 7 6 6 7 8 8	9 111 14 12 20 29 6 12 27 0 47 38 8 21 1 Year 23 36 6 6 6 12 8 24 4 6
EuroSisco, 50 EURX DAX ODAX ODAX ODAX ODAX ODAX ODAX ODAX	7,769 3,612 10,467 13,201 5,510 23,544 848 87,994 848 87,997 49,235 5,647 2,543 2,262 112,159 960 3,410 6,382 12,768 31,2 55,1 17,8 67,5 15,3 15,4 16,6 3,0 46,4	0.0 0.0 0.0 0.1 0.5 0.2 0.5 0.2 0.5 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-0.1 -0.7 -1.3 -0.4 -1.3 -0.2 -1.5 -1.5 -1.5 -1.5 -1.5 -1.5 -1.5 -1.5	2 3 1 3 6 10 7 10 2 6 4 5 2 6 4 5 5 8 4 9 9 5 5 6 6 7 7 6 6 7 7 8 5 5 6 6	9 111 12 20 29 20 29 6 6 12 27 0 47 38 8 21 Vear 23 30 25 36 6 6 12 8 24 4 6
Eurodiscx 50 EIEX DAX OAX OAX OAX OAX OAX OAX OAX OAX OAX O	7,769 3,612 10,467 13,201 5,510 23,544 848 87,994 49,235 5,647 2,543 2,262 112,159 960 3,410 6,382 kevel 147.8 31,2 55,1 15,3 15,4 16,6 3,0 46,4 17,5 94,6	0.0 0.0 0.0 0.0 0.1 0.2 0.5 0.2 0.5 0.2 0.5 0.2 0.5 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-0.1 0.7 -1.3 0.4 1.3 -0.2 1.5 -1.5 1.2 2.5 -0.8 0.0 4.0 Weekly 3.3 3.1 4.7 3.1 4.7 3.1 4.7 6.8 6.9 6.9 6.9 6.9 6.9 6.9 6.9 6.9 6.9 6.9	2 3 1 3 6 10 7 10 2 6 4 5 5 2 6 6 4 5 5 8 4 9 9 5 1 1 5 6 6 7 7 8 5 5 5 5 6 6 7 7 8 5 5 5 5 5 5 5 5 5 5 5 5 6 6 7 7 8 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	9 111 14 12 20 29 6 6 12 27 0 47 38 8 21 Year 23 30 25 36 6 6 6 12 8 8 12 12 8 8 12 12 8 12 8 12
Eurodisco 50 IBIOX DAX OAX OAX OAX OAX OAX OAX OAX OAX OAX O	7,769 3,612 10,467 13,201 5,510 23,544 848 87,994 479,752 49,235 5,647 2,543 2,262 112,159 960 3,410 6,382 147.8 31,2 157.6 31,2 55.1 17.8 67.5 15.3 15.4 16.6 3.0 46.4 17.5 94.6 30.1	0.0 0.0 0.0 0.0 1.0 1.0 1.0 1.0 1.0 1.0	-0.1 -0.7 -1.3 -0.2 -0.5 -1.5 -0.2 -0.5 -1.5 -3.6 -0.0 -0.4 -0.2 -0.5 -1.5 -1.5 -1.5 -1.5 -1.5 -1.5 -1.5 -1	2 3 1 1 3 6 100 7 7 110 2 6 4 4 5 5 2 6 6 7 7 8 5 6 6 7 8 8 8	9 111 14 12 20 29 20 29 6 12 27 0 47 38 8 21 23 30 25 36 6 6 12 22 4 4 4 4 5 4 6 6 6 6 6 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8
EuroSisco, 50 EURX DAX ODAX ODAX ODAX OAG AG A	7,769 3,612 10,467 13,201 5,510 23,544 848 87,994 79,752 49,235 5,647 2,543 2,262 112,159 960 3,410 6,382 keyel 147.8 112,7 76.8 31,2 55,1 117,5 96,0 16,5 15,4 16,5 16,5 16,5 16,5 17,5 94,6 784,9 300,1 195,5	0.0 0.0 0.0 0.3 0.1 0.5 0.4 0.2 0.5 0.2 0.5 0.2 0.5 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-0.1 -0.7 -1.3 -0.2 -0.2 -0.2 -0.2 -1.5 -1.5 -1.5 -1.5 -1.6 -0.2 -0.4 -0.2 -0.4 -0.2 -0.4 -0.2 -0.4 -0.2 -0.4 -0.2 -0.4 -0.2 -0.4 -0.4 -0.4 -0.4 -0.4 -0.4 -0.4 -0.4	2 3 1 3 6 100 7 7 100 2 6 4 4 5 5 2 6 5 5 1 5 5 6 7 7 6 6 7 7 8 8 5 5 6 6 4 4 8 8 4 6 6	9 111 14 12 20 29 20 6 6 12 27 0 47 7 38 8 8 21 25 36 6 6 6 12 25 36 6 6 12 25 30 47 47 25 47 47 47 47 47 47 47 47 47 47 47 47 47
EuroSioux 50 IBICX DAX DAX ACA ACA ACA ACA ACA ACA ACA ACA ACA A	7,769 3,612 10,467 13,201 5,510 3,510 848 848 849 97,52 49,235 5,647 2,543 2,262 112,159 960 3,410 6,382 level 147.8 55,1 15,4 16,6 3,0 46,4 17,5 94,6 70,6 70,6 70,6 90,5	0.0 0.0 0.3 0.1 0.5 0.4 0.2 0.5 0.2 0.5 0.2 0.5 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-0.1 -0.7 -1.3 -0.2 -0.2 -0.5 -1.5 -1.2 -0.2 -2.5 -0.8 -0.0 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8	2 3 3 1 3 6 6 10 7 7 100 2 6 4 4 5 5 5 6 6 7 7 8 5 6 6 7 8 8 4 4 4 8 8 4 6 6 5 5 5	9 11 14 12 20 29 6 12 27 0 47 38 8 21 23 30 25 36 6 6 12 8 8 24 -6 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
EuroSicus 50 EIEXX DAX CAC CAC CAC CAC CAC CAC CAC CAC CAC C	7,769 3,612 10,467 13,201 13,201 13,201 15,510 15,510 16,794 17,525 17,547 17,5	0.0 0.0 0.3 -0.1 0.5 -0.4 0.2 0.5 0.2 0.5 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-0.1 0.7 0.7 1.3 0.4 1.3 1.3 1.3 1.3 1.2 0.5 1.2 0.5 1.2 0.5 1.2 0.5 1.2 0.0 0.4 Weekly 3.3 3.1 4.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1	2 3 1 3 6 6 100 7 7 100 2 6 4 4 5 5 8 4 4 9 9 5 5 6 7 7 8 5 5 6 4 4 4 8 4 4 6 6 5 5	9 111 14 12 20 20 20 29 6 6 12 27 0 47 38 8 21 1 Vear 23 36 6 6 6 12 8 8 24 4 6 6 12 20 20 20 20 20 20 20 20 20 20 20 20 20
EuroSisous 50 IEEE DAX DAX ASE Afterns MSG Latams * Bloovega Blazzill Mexical	7,769 3,612 10,467 10,4	0.0 0.0 0.3 -0.1 0.5 -0.4 0.2 0.5 0.2 0.5 0.2 0.5 0.2 0.5 0.2 0.5 0.2 0.5 0.2 0.5 0.2 0.5 0.2 0.5 0.2 0.5 0.2 0.5 0.2 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-0.1 -0.7 -1.3 -0.2 -0.2 -0.5 -1.5 -1.2 -0.2 -2.5 -1.2 -0.3 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8	2 3 3 1 3 6 6 7 7 7 100 2 2 6 4 4 5 5 8 8 4 9 9 5 5 1 5 6 6 7 7 8 8 5 6 6 4 4 8 8 4 9 6 5 5 5 5 9 9 9	9 114 12 20 29 6 6 12 27 7 0 47 38 8 21 23 30 25 36 6 6 12 8 24 4 25 8 8 24 4 7 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
EuroSioux 50 IEIEX DAX DAX ACA ACA ACA ACA ACA ACA ACA ACA ACA A	7,769 3,612 10,467 10,4	0.0 0.0 0.3 0.1 0.5 0.4 0.2 0.5 0.5 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-0.1 -0.7 -1.3 -0.2 -0.5 -1.5 -1.2 -0.2 -2.5 -1.2 -0.2 -2.5 -1.3 -1.5 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3	2 3 1 3 6 10 7 7 7 10 2 6 4 4 5 2 6 4 4 5 5 5 5 6 7 7 6 6 4 4 8 4 4 6 6 5 5 5 5 9 9 9 14 7 7	9 114 12 20 29 6 6 12 27 7 0 47 7 38 8 21 25 36 6 6 19 20 25 36 6 6 12 28 4 7 20 4 7 7 8 8 12 12 12 12 12 12 12 12 12 12 12 12 12
Eurositous 50 EIES DAX CAC CAC CAC CAC CAC CAC CAC	7,769 3,612 10,467 11,201 13,2	0.0 0.3 0.1 0.5 0.2 0.5 0.2 0.5 0.2 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.1 0.7 1.3 0.4 3.1 1.3 0.5 1.5 1.2 2.5 1.2 2.5 0.0 0.0 0.4 1.5 1.2 2.5 0.0 0.0 0.4 1.5 1.2 2.5 1.2 2.5 1.2 2.5 1.2 2.5 1.2 2.5 1.2 2.5 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	2 3 3 1 3 6 6 10 7 7 100 2 6 4 4 5 5 2 6 6 4 4 9 9 5 1 1 5 6 6 7 7 8 5 6 6 4 4 4 8 4 4 6 5 5 5 5 9 9 9 9 14	9 111 12 20 29 6 12 27 0 47 38 8 21 21 Year 25 36 6 6 12 23 30 25 36 26 6 12 27 27 27 27 27 27 27 27 27 27 27 27 27
Eurositous 50 IBEX DAX CAC GAR	7,769 3,612 10,6401 23,541 67,904 10,705 24,544 10,705 10,705 10,705 111,715 1	0.0 0.0 0.3 0.1 0.5 0.2 0.5 0.2 0.5 0.2 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-0.1 -0.7 -1.3 -0.2 -0.5 -1.5 -1.5 -1.5 -1.5 -1.5 -1.5 -1.5 -1	2 3 3 1 3 6 10 10 7 7 10 0 2 6 4 5 5 5 6 6 7 7 8 8 7 6 6 7 7 8 8 7 6 7 7 8 8 7 7 7 7 8 7 7 7 8 7 7 7 7 8 7 7 7 7 8 7 7 7 7 8 7 7 7 7 8 7 7 7 7 8 7 7 7 7 7 7 8 7	9 1 11 14 12 20 29 9 6 12 27 0 47 38 8 21 1 Year 23 36 6 6 6 12 2 8 8 24 -6 19 20 4 17 28 7 17 9 16 17 15 13 30 30 7 12 6
ELEUSOBOAS 50 ELECTION SO	7,769 3,612 3,612 10,6401 23,541 67,944 9,235 9,967 112,159 960 112,154 112,159 960 112,154 114,16 1	0.0 0.0 0.0 0.0 0.1 0.5 0.4 0.2 0.5 0.2 0.5 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-0.1 -0.7 -1.3 -0.2 -0.2 -0.2 -1.5 -1.5 -1.5 -1.5 -1.5 -1.5 -1.5 -1.5	2 3 1 1 3 6 10 7 10 2 6 4 4 5 5 5 8 4 9 9 5 1 1 5 6 6 7 7 6 6 7 7 8 5 5 6 4 4 4 8 8 4 4 6 6 5 5 5 9 9 9 9 14 7 7 7 Monthly 4.1	9 1 11 14 12 20 20 20 6 6 12 27 0 47 38 8 23 30 25 36 6 6 12 8 24 4 5 6 6 17 7 28 7 17 15 13 30 37 7 12 6
ELEVISIONS 50 ELEVISIONS 50 DAX ACAC A	7,769 3,1612 10,462 10,	0.0 0.0 0.3 0.1 0.5 0.4 0.2 0.5 0.1 0.5 0.2 0.5 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0-1 1-2 1-3 1-3 1-3 1-3 1-3 1-3 1-3 1-3 1-3 1-3	2 3 1 1 3 6 10 7 7 10 2 6 4 4 5 5 5 8 4 4 9 9 5 1 5 6 6 7 7 8 8 4 9 9 14 4 8 4 6 5 5 5 9 9 14 7 7 7 7 Monthly 12.8 Monthly 2.8 10 10 10 10 10 10 10 10 10 10 10 10 10	9 111 14 122 20 29 9 6 12 27 0 47 38 8 121 23 30 0 25 36 6 12 2 8 24 4 6 6 19 20 4 12 5 8 17 15 13 30 0 37 12 6 17 12 6
ELEVISIONS 50 ELEVISIONS 50 DAX ACAC A	7,769 3,612 10,640 10,6	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0-1 1-3	2 3 1 1 3 6 10 7 7 10 2 6 4 4 5 5 5 6 6 6 4 4 8 4 6 5 5 5 9 9 9 14 7 7 7 7 Monthly 12.8 Monthly 1.2 8 Monthly 1.2 8 Monthly 2 3 3 3 1 2 8	11 11 12 20 20 20 20 6 6 12 27 0 47 38 8 21 12 6 6 12 28 17 15 13 30 30 7 12 8 17 15 13 13 12 6 6 12 12 6 6 12 12 12 12 12 12 12 12 12 12 12 12 12
ELEUSDIAN 5 D ELEUSDIAN 5 D ASS. Affers ASS. Affers MSC Latam * Bloovepa Glaczill Metod Europe * MSC Lithers MSC L	7,769 10,462 10,	0.0 0.0 0.3 0.1 0.5 0.2 0.5 0.2 0.5 0.2 0.5 0.1 0.1 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0-11 0-7 1-13 0-7 1-13 0-13 1-3 0-2 1-2 1-2 1-2 1-2 1-2 1-2 1-3 3-3 3-3 3-3 3-3 3-3 3-1 4-3 3-1 4-3 3-1 4-3 3-1 4-5 2-7 7-7 3-1 3-1 4-5 2-7 7-7 3-1 3-7 3-7 3-7 3-7 3-7 3-7 3-7 3-7 3-7 3-7	2 3 1 1 3 6 6 10 7 7 10 2 6 4 4 5 5 5 6 6 4 4 4 8 8 5 5 5 5 5 5 9 9 9 14 7 7 7 7 10 10 10 10 10 10 10 10 10 10 10 10 10	91 114 122 20 20 20 20 6 6 12 27 0 47 38 8 21 23 30 25 36 6 6 6 12 24 4 25 26 6 6 12 27 8 8 12 12 13 14 15 16 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18
ELEUSIONS 50 ELEUSIONS 50 DAX ACAC ACA	7,769 3,012	0.0 0.0 0.3 0.1 0.5 0.2 0.5 0.2 0.5 0.2 0.5 0.1 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0-11 0-7 1-13 0-7 1-13 1-3 0-2 1-3 0-5 1-15 1-5 1-5 1-5 1-5 1-5 1-5 1-5 1-5	2 3 1 1 3 6 6 10 7 7 10 2 6 4 4 5 5 5 6 6 6 4 4 4 6 6 6 7 7 8 8 5 5 6 6 4 4 4 7 7 7 7 7 4 2 1 8 1 1 7 7 7 4 2 1 8 1 1 7 7 7 4 2 1 8 1 1 7 7 7 4 2 1 8 1 1 7 7 7 4 2 1 8 1 1 7 7 7 4 2 1 8 1 1 7 7 7 4 2 1 8 1 1 7 7 7 4 2 1 8 1 1 7 7 7 7 4 2 1 8 1 1 7 7 7 7 4 2 1 8 1 1 7 7 7 7 4 2 1 8 1 1 7 7 7 7 7 4 2 1 8 1 1 7 7 7 7 7 4 2 1 8 1 1 7 7 7 7 7 4 2 1 8 1 1 7 7 7 7 7 4 2 1 8 1 1 7 7 7 7 7 7 4 2 1 8 1 1 7 7 7 7 7 7 4 2 1 8 1 1 7 7 7 7 7 7 4 2 1 8 1 1 7 7 7 7 7 7 4 2 1 8 1 1 7 7 7 7 7 7 4 2 1 8 1 1 7 7 7 7 7 7 7 7 4 2 1 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	11 11 14 12 20 29 9 20 20 26 6 6 12 2 8 8 24 4 6 6 6 17 25 8 8 17 25 8 8 17 26 6 17 28 17 26 17 27 28 17 28
ELEVISTONS 50 ELEVISTONS 50 ELEVISTONS 50 ASS Althoris MSC Latturn * Iboverpa Glacabi Method Latturn * Iboverpa Glacabi MSC Latturn * Iboverpa Glacabi Iboverpa Latturn * Iboverpa Glacabi Iboverpa Latturn * Ib	7,769 3,1612 3,612 3,612 3,612 3,614 6,794 6,794 6,795	0.0 0.0 0.3 0.0 0.3 0.5 0.4 0.2 0.5 0.5 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0-11 0-7 1-3 0-7 1-3 0-7 1-3 1-3 1-3 1-3 1-3 1-3 1-3 1-3 1-3 1-3	2 3 1 3 6 10 7 7 10 2 6 4 4 5 2 6 4 5 5 5 5 5 9 9 14 4 1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	11 11 14 12 20 29 9 20 20 29 9 6 2 12 27 0 7 47 38 8 8 24 4 5 6 6 6 12 2 8 8 24 4 6 6 19 20 4 12 15 13 30 37 12 6 17 17 11 10 4 12 12 10 10 4 12
ELEUSIONS 50 EIECT DAX ASS. Afters ASS. Afters MSC Latters MSC L	7,769 3,612 10,4601 23,544 67,944 23,5510 24,544 24,235 25,644 23,254 24,235 25,644 24,235 25,644 24,235 25,644 25	0.0 0.0 0.3 0.1 0.5 0.6 0.1 0.5 0.6 0.6 0.7 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0-11 0-7 1-3 0-7 1-3 0-7 1-3 0-7 1-3 1-3 0-7 1-3 0-7 1-3 1-3 1-3 1-3 1-3 1-3 1-3 1-3 1-3 1-3	2 3 1 3 6 6 10 7 7 10 2 6 4 5 5 6 6 4 5 5 5 5 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7	9 11 14 12 20 20 29 29 6 12 27 7 8 8 8 21 17 28 16 6 17 7 15 13 30 37 7 12 6 12 17 17 12 6 12 7 17 1 10 10 14 11 10 14 11 10 10
Eurositous 50 IBIEX DAX DAX CAC IBIEX DAX CAC IBIEX DAX ASE Alteries MSC Latam* Iboverpa Glaczib Medod MSC Latam* Iboverpa Glaczib MSC Latam* Iboverpa Glaczib MSC Latam* Iboverpa Glaczib MSC Latam* Iboverpa Glaczib MSC Latam M	7,769 10,462 10,	0.0 0.0 0.0 0.3 0.1 0.5 0.4 0.2 0.5 0.5 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0-1 0-7 0-7 0-7 0-7 0-7 0-7 0-7 0-7 0-7 0-7	2 3 1 3 6 6 10 7 7 10 2 2 6 4 5 5 5 6 6 7 7 6 7 8 8 4 4 9 5 5 6 6 7 7 6 6 7 7 8 8 5 5 5 5 6 6 7 7 8 8 4 4 4 8 4 6 6 5 5 5 5 6 6 6 6 7 7 7 8 8 7 7 7 7 7 7 7 7 1 2 1 2 1 2 1 2 1 2 1 2	9 1 11 14 12 20 20 20 20 6 12 27 0 47 28 8 8 12 1 Year 15 13 30 30 37 7 12 6 12 12 12 15 13 13 13 13 13 13 14 15 15 15 15 15 15 15 15 15 15 15 15 15
ELEUSIONS 50 ELEUSIONS 50 ELEUSIONS 50 ASC Alterns ASC Alterns MSC Lattern* Ibovepa Glazille Morbid Carper MSC Lattern* Ibovepa Glazille MSC Lattern* Ibovepa Glazille MSC Latterns Lat	7,769 10,462 10,	0.0 0.0 0.3 0.1 0.5 0.4 0.2 0.5 0.1 0.0 0.2 0.5 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0-11 0-7 1-33 0-13 0-14 0-13 0-15 1-2 0-5 1-2 1-5 1-2 1-5 1-2 1-5 1-2 1-5 1-2 1-5 1-2 1-5 1-2 1-5 1-6 1-7 1-7 1-7 1-7 1-7 1-7 1-7 1-7 1-7 1-7	2 3 1 1 3 6 0 1 7 7 10 2 6 4 4 5 5 5 5 8 4 9 9 14 4 8 8 4 9 9 5 1 5 5 6 6 4 9 1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	9 1 11 14 12 20 20 20 20 6 12 27 0 47 38 8 12 1 Year 1 10 12 25 36 6 6 12 8 4 4 4 4 4 4 4 12 2 5 12 12 12 6 6 17 17 12 6 17 17 12 6 17 17 12 6 17 17 12 6 17 17 17 17 17 17 17 17 17 17 17 17 17
ELEVISIONS 50 ELECTION STATE AND ST	7,769 1,0402 1,0412 1,0	0.0 0.0 0.0 0.3 0.1 0.5 0.4 0.5 0.5 0.5 0.5 0.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0-11 0-7 1-3 0-7 1-3 0-7 1-3 0-7 1-3 0-7 1-3 0-7 1-5 1-2 1-5 1-2 1-5 1-2 1-5 1-2 1-5 1-2 1-5 1-2 1-5 1-2 1-5 1-2 1-5 1-2 1-5 1-6 1-6 1-7 1-7 1-7 1-7 1-7 1-7 1-7 1-7 1-7 1-7	2 3 1 3 6 6 10 7 7 7 7 7 7 7 7 7 7 12 5 6 9 9 9 14 4 1 1 2 1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	9 11 14 12 20 29 20 29 6 12 27 28 8 12 23 30 56 6 6 19 20 44 66 6 19 20 44 25 8 8 17 28 6 7 17 15 13 30 37 12 6 7 17 12 6 7 17 10 10 10 10 10 10 10 10 10 10 10 10 10
ELEUSIONS 50 EIECH EIECH DAX CAC ASS. Afters MSC Latters MSC La	7,769 10,462 10,	0.0 0.0 0.3 0.0 0.3 0.5 0.5 0.5 0.5 0.0 0.0 0.0 0.0 0.0 0.0	0-1 0-7 0-7 0-7 0-7 0-7 0-7 0-7 0-7 0-7 0-7	2 3 1 1 3 6 6 1 7 10 0 2 6 4 4 5 5 6 6 7 6 7 7 7 7 7 7 7 7 7 7 4 2 8 6 1 1 7 7 7 7 7 7 4 2 8 6 1 1 7 7 7 7 7 4 2 8 6 1 1 7 7 7 7 7 4 2 8 6 1 1 7 7 7 7 7 4 2 8 6 1 1 7 7 7 7 7 4 2 8 6 1 1 7 7 7 7 7 4 2 8 6 1 1 7 7 7 7 7 4 2 8 6 1 1 7 7 7 7 7 4 2 8 6 1 1 7 7 7 7 7 4 2 8 6 1 1 7 7 7 7 7 4 2 8 6 1 1 7 7 7 7 7 4 2 8 6 1 1 7 7 7 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8	111 144 122 20 20 6 6 122 27 27 38 8 8 21 21 21 23 30 25 36 6 6 12 8 24 25 8 17 17 15 15 16 17 17 17 17 17 18 18 18 17 17 18 18 18 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18
ELEUSTONA 50 ELECT TO ANY	7,769 3,612 3,612 3,612 3,612 3,614 6,794 6,794 6,795	0.0 0.0 0.3 0.3 0.2 0.5 0.5 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0-11 0-7 1-33 0-13 0-13 0-14 0-15 1-2 0-5 1-2 1-5 1-2 1-5 1-2 1-5 1-6 1-8 1-8 1-8 1-8 1-8 1-8 1-8 1-8 1-8 1-8	2 3 1 1 3 6 6 1 7 7 10 2 6 4 4 5 5 6 6 4 4 4 5 5 5 6 6 6 7 7 8 8 5 6 6 6 7 7 8 8 5 6 6 6 7 7 8 8 7 7 7 7 7 7 7 7 7 7 7 7 7	9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
ELEVISIONS 50 ELECTION STATE AND ST	7,769 1,0492 1,0	0.0 0.0 0.3 0.3 0.2 0.5 0.2 0.5 0.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0-11 0-7 1-3 0-7 1-3 0-7 1-3 1-3 1-3 1-3 1-3 1-3 1-3 1-3 1-3 1-3	2 3 1 1 3 6 6 1 7 10 0 2 6 4 4 5 5 6 6 7 6 7 7 7 7 7 7 7 7 7 7 4 2 8 6 1 1 7 7 7 7 7 7 4 2 8 6 1 1 7 7 7 7 7 4 2 8 6 1 1 7 7 7 7 7 4 2 8 6 1 1 7 7 7 7 7 4 2 8 6 1 1 7 7 7 7 7 4 2 8 6 1 1 7 7 7 7 7 4 2 8 6 1 1 7 7 7 7 7 4 2 8 6 1 1 7 7 7 7 7 4 2 8 6 1 1 7 7 7 7 7 4 2 8 6 1 1 7 7 7 7 7 4 2 8 6 1 1 7 7 7 7 7 4 2 8 6 1 1 7 7 7 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8	111 144 122 20 20 6 6 122 27 27 38 8 8 21 21 21 23 30 25 36 6 6 12 8 24 25 8 17 17 15 15 16 17 17 17 17 17 18 18 18 17 17 18 18 18 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18
ELEUSIONS 50 EIECT DAX DAX ASS Afters MSC Latters M	7,769 10,462 10,	0.0 0.0 0.3 0.0 0.3 0.5 0.6 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0-11 0-7 1-3 0-7 1-3 0-7 1-3 0-7 1-3 1-3 1-3 1-3 1-3 1-3 1-3 1-3 1-3 1-3	2 3 1 1 3 6 6 10 7 7 10 0 2 2 6 6 4 5 5 5 6 6 7 7 8 8 6 7 7 8 8 7 7 7 8 8 7 7 7 7	111 144 122 20 20 20 20 27 27 28 8 8 21 21 22 27 27 26 26 6 6 6 6 6 6 6 6 6 6 6 6
ELEUSIONS 50 ELEUSIONS 50 ELEUSIONS 50 ASS. Affers ASS. Affers MSC Latam * Blooverage Glace/B Metod Glace/B MSC Latam * Blooverage Glace/B Latam Blooverage Cell Agriculture Latam Blooverage Cell Agriculture Latam Blooverage Cell Agriculture Latam Blooverage Lata	7,769 1 3.612	0.0 0.0 0.3 0.0 0.3 0.5 0.6 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0-11 0-7 1-3 0-7 1-3 0-7 1-3 0-7 1-3 0-7 1-3 0-7 1-3 0-7 1-3 0-7 1-5 1-5 1-6 0-8 0-9 0-8 0-9 0-8 0-9 0-9 0-9 0-9 0-9 0-9 0-9 0-9 0-9 0-9	2 3 1 1 3 6 6 1 7 7 10 2 6 6 4 4 5 5 5 6 6 4 4 9 9 5 1 1 5 5 6 6 7 7 8 8 6 7 7 7 8 8 1 4 4 1 2 8 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	11 14 12 20 20 20 20 20 20 27 0 47 38 8 1 22 3 36 6 6 12 28 8 17 25 36 6 6 12 28 8 17 25 36 6 6 12 28 8 17 25 36 6 6 12 28 8 17 25 36 6 6 12 28 8 17 25 8 17 25 8 17 25 8 17 25 8 17 25 8 17 27 15 5 5 5 5 8 17 27 27 17 17 17 17 17 17 17 17 17 17 17 17 17
ELEUSIONS 50 ELEUSIONS 50 ELEUSIONS 50 ASC Alterns ASC Alterns MSC Lattern* Bloovepa Glazille Morth MSC Lattern* Bloovepa Glazille MSC Lattern* Bloovepa Glazille MSC Latterns Latterns Latterns Latterns Latterns Latterns MSC Latterns Latte	7,769 3,612 3,612 3,612 3,612 3,612 3,614 6,794	0.0 0.0 0.3 0.0 0.1 0.0 0.1 0.2 0.5 0.2 0.5 0.2 0.5 0.2 0.5 0.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0-1 1-3 1-3 1-3 1-3 1-3 1-3 1-3 1-3 1-3 1	2 3 1 1 3 6 6 1 7 7 10 0 2 2 6 4 4 5 5 5 5 1 1 5 6 6 4 4 8 4 4 4 8 6 5 5 5 5 9 9 14 7 7 7 7 10 0 7 7 7 1 1 1 1 1 1 1 1 1 1	111 114 112 20 20 20 20 20 20 20 27 0 47 38 8 21 20 20 47 38 8 24 4-6 19 20 11 21 21 21 21 21 21 21 21 21 21 21 21
Developed EURUSD GROUND	7,769 10,462 10,	0.0 0.0 0.3 0.0 0.3 0.6 0.7 0.7 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0-11 0-7 1-3 0-7 1-3 0-7 1-3 0-7 1-3 0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1	2 3 1 1 3 6 6 1 7 7 10 2 2 6 4 4 5 5 5 6 6 4 9 9 9 1 1 4 4 7 7 7 7 2 8 8 1 4 4 1 2 8 8 1 1 1 1 1 3 6 6 8 1 1 1 1 1 3 8 1 1 1 1 1 3 8 1 1 1 1 1	111 144 122 200 209 26 62 27 27 38 8 8 21 21 21 23 30 25 66 62 12 23 36 66 67 17 17 12 66 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
ELEVISIONS 50 ELECTION STATES ASS. Antens MSG Latam * Bloovega Glazilla Mesch Elevisian * Bloovega Gla	7,769 1,0402 1,0412 1,0	0.0 0.0 0.3 0.0 0.3 0.5 0.6 0.5 0.6 0.7 0.6 0.7 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0-11 0-7 1-3 0-7 1-3 0-7 1-3 1-3 1-3 1-3 1-3 1-3 1-3 1-3 1-3 1-3	2 3 1 1 3 6 6 10 7 7 10 2 6 6 4 4 9 5 5 5 6 6 7 7 7 7 8 8 4 9 9 9 14 4 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1	11 144 122 209 209 209 209 209 209 209 209 209 2



Source: Bloomberg, Datastream and Haver

* With one day delay

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