Market Comment | EUR appreciated while yields declined after ECB meeting

Global Financial Markets Unit 07 Sep 2017

BBVA Research

- **Financial markets reacted mainly to the ECB monetary policy meeting.** Currencies showed significant variations, as did bonds yields. Nonetheless, stock prices were little changed during the session.
- The ECB decided to leave its monetary policy stance unchanged (see), although it marginally changed its outlook for growth and inflation (slightly higher growth and lower inflation). In the communiqué, the ECB also left its downward bias in QE unchanged. In the press conference, Mr Draghi confirmed that decisions on the future of QE would be taken in the October meeting. He also mentioned the strong EUR as a cause of uncertainty about inflation (see), and he did not show concern over scarcity issues related to QE.
- The EUR, which was trending higher after the upward revision of EZ GDP (<u>see</u>), appreciated strongly after Draghi confirmed that the stimulus reduction might be decided in October (<u>see</u>). Importantly, the EUR appreciation coincided with a weak USD on the back of significantly higher than expected jobless claims partly due to Hurricane Harvey which also moderated expectations of a US rate hike this year (<u>see</u>).
- Sovereign bond yields declined sharply across the board due to a number of factors. Firstly, the fact that the ECB did not lower the downward bias in asset purchases, pushed down bond yields, especially in the European periphery. Secondly, weak employment data in the US trimmed expectations of future US rate hikes, leading to a further decline in US Treasury yields, which spread to other markets. Thirdly, Hurricane Irma created additional risk-off demand for bonds.
- Apart from this, concerns over US debt-ceiling faded as the White House and congressional leaders
 agreed to package together a \$7.85bn Hurricane Harvey relief bill, a debt ceiling extension and a
 three-month continuing resolution (CR) spending bill that provides certainty until mid-December that the
 government will keep operating.
- **Stock prices in Europe inched up**, despite the appreciation of the EUR, led by the utilities sector. The financial sector was among the worst performers, a sector particularly sensitive to interest rate expectations. Meanwhile, in the US, share prices were almost unchanged.
- Oil prices were little changed despite a lower USD as US crude oil inventories grew above expectations. Nonetheless, **EM currencies appreciated notably on a weak USD**.

Update 18 CET 07 September, 2017 Table 1



Debt markets (10Y, %, d	anges in t	ip)		VTD
US (2-yr) US	1.27	-3.6 -5.9	-5.9 -7.1	-8 -22	5 -39
GER (2-yr) Germany	-0.76 0.31	-3.1 -4.0	-3.1	-10 -17	2
France Spain	0.61	-4.9	-4.8	-14	-20 -8
Italy Portugal	1.92 2.75	-10.3 -9.8	-12.1	-8 -11	5 -143
Greece Japan (2-vr)	5.47 -0.15	-0.5	-7.4	2	-142 5
Japan Emerging Markets	0.01 level	0.1 Daily	-6.0 Weekly	-6 Monthly	-6 YTD
Brazil Chile	9.79 4.32	0.0 -0.1	-18.5 -4.7	-14 -4	-162
Colombia Mexico	6.70 6.79	-2.4 -5.6	-2.9 -4.2	-20 -9	-39 -85
Peru Poland	5.15 3.15	1.0 -4.5	-0.7 -15.2	-11 -22	-132 -57
Russia Turkey	7.59 10.39 6.52	2.1 -8.0	-16.6 4.0	-20 -1	-85 -61
India Indonesia	6.55	1.1 -1.5	-0.7 -14.1	6 -33	14 -129
Country risi Developed Markets	k (bp. chang level	es in bp) Daily	Weekly	Monthly	YTD
10-yr sovereign spread vs Germany France	31	-0.9	0.6	2	-15
Italy Portugal	162 244	-6.3 -5.8	-6.7 -3.0	9 5	10 -110
Spain 2-yr sovereign spread vs Germany	119	-3.2	-1.3	9	-9
France	21 52	0.8	0.0	-1 8	10 -9
Portugal Spain	74 40	-3.6 0.2	1.0 1.8	4	-73 -8
Emerging Markets 5-yr sovereign CDS *	level	Daily	Weekly	Monthly	YTD
Brazil	184	-2.6	-11	-7	-88
Chile Colombia	56 116	-0.3 -2.5	-2 -9	-5 -6	-26 -47
Mexico Peru	98 71 6,199	-1.1 -1.3	-4 -3	0 -3	-58 -36
Venezuela Poland	54	111.8 0.0	-505	579 -4	2294 -21
Russia Turkey	141 162	1.3	-2 -3	-13 -9	-36 -110
China India	61 82	0.9	3	-3	-56 -45
Indonesia	102 Indicators	0.3	Ő	-7	-54
Volatility indicators (%)	level 12	Daily 0.8	Weekly 11	Monthly	YTD 0
VSTOXX	12 15 17	-7.5	-3	18	0 -1 -18
EM EFT volatility Index Dollar/euro volatility	8	-3.2 -5.3	-1	3	-21
EM FX volatility index Credit spread (BAA) (bps)	8 222	-0.9 5.9	3	4	-30 -5
US bonds volatility index Banking 5 y CDS (bps) *	53 level	-0.7 Daily	3 Weekly	12 Monthly	-31 YTD
US EZ	58 54	0.4 0.4	1 -5	6 1	-14 -54
UK Large Spanish	47 49	-0.1 0.8	-2	-1	-43 -68
Medium Spanish Corporate 5y CDS (bps) *	84	-0.5 Daily	-9	-6	-68 YTD
US Non-financial	138	0.4	1	6	-14
EZ Non-financial UK Non-financial	74 105	0.4 0.2	-5 -2	1 0	-54 -19
Interbank mar	kets (%, cha level	inges in b Daily	0) Weekly	Monthly	YTD
EONIA Index Euribor 3 m	-0.36 -0.33	0.00	0.0 0.0	0.0 0.0	0.0 0.0
Euribor 12m Libor 3m	-0.16	0.00	0.0	0.0	-0.1 0.3
Libor 12m	1.71	-0.01	0.0	0.0	0.0
Stock Main indices	markets (හ Daily	Weekly	Monthly	YTD
S&P500 Dow Jones	2,464	-0.1 -0.2	-0.3 -0.8	0 -1	9
Nikkei	21.768 19,397	0.2	-1.3	-3	-1
Nikkei FTSE 100 EuroStoxx 50	19,397 7,397 3,448	0.2 0.6 0.4	-1.3 -0.5 0.8	-3 -2 -2	-1 3 4
Nikkei FTSE 100 EuroStoxx 50 IBEX DAX	19,397 7,397 3,448 10,125 12,297	0.2 0.6 0.4 -0.1 0.7	-1.3 -0.5 0.8 -1.7 2.0	-3 -2 -2 -6 0	-1 3 4 7 6
Nikkei FTSE 100 EuroStoxx 50 IBEX DAX CAC MIB	19,397 7,397 3,448 10,125 12,297 5,115 21,723	0.2 0.6 0.4 -0.1 0.7 0.3 -0.4	-1.3 -0.5 0.8 -1.7 2.0 0.6 0.2	-3 -2 -2 -6 0 -2 -1	-1 3 4 7 6 4 11
Nikkei FTSE 100 EuroStoxx 50 IBEX DAX CAC	19,397 7,397 3,448 10,125 12,297	0.2 0.6 0.4 -0.1 0.7 0.3	-1.3 -0.5 0.8 -1.7 2.0 0.6	-3 -2 -6 0 -2	-1 3 4 7 6 4
Nikksi FISE 100 EuroStoxx 50 IBEX DAX CAC CAC MB MB MSD Latam * Iboveps (Brazil) Metool	19,397 7,397 3,448 10,125 12,297 5,115 21,723 811	0.2 0.6 0.4 -0.1 0.7 0.3 -0.4 -0.1 1.1 0.0 -0.1	-1.3 -0.5 0.8 -1.7 2.0 0.6 0.2 -1.7	-3 -2 -6 0 -2 -1 -2 4 8 -2	-1 3 4 7 6 4 11 23 15 19 8
Nikki FISE 100 EuroStox 50 IBEX DAX CAC MIB ASE Athens MSCLatam* Hiborepa Ginzul Mobol MSCD Elexpep*	19,397 7,397 3,448 10,125 12,297 5,115 21,723 811 83,953 73,412 50,463 5,186	0.2 0.6 0.4 -0.1 0.7 0.3 -0.4 -0.1 1.1 0.0 -0.1 0.3	-1.3 -0.5 0.8 -1.7 2.0 0.6 0.2 -1.7 1.6 3.6 -1.5 -0.1	-3 -2 -2 -6 0 -2 -1 -2 -1 -2 4 8 -2 2	-1 3 4 7 6 4 11 23 15 19 8 3
Nikki FTSE 100 EuroSitoxx 50 IEXX CAC CAC CAC MIB MSC Latam* Iboveps 00mx00 Motol	19,397 7,397 3,448 10,125 12,297 5,115 21,723 811 83,953 73,412 50,463 5,186 2,492 2,010	0.2 0.6 0.4 -0.1 0.7 0.3 -0.4 -0.1 1.1 0.0 -0.1 0.3 -0.8 -0.2	-1.3 -0.5 0.8 -1.7 2.0 0.6 0.2 -1.7 1.6 3.6 -1.5	-3 -2 -6 0 -2 -1 -1 -2 4 8 -2 2 3 1	-1 3 4 7 6 4 11 23 15 19 8 3 25 -11
Noke FSE 100 EaroStock 50 BEX MB ASS_Athens MSCLatam * Hoorepa Eline(R) Motor! MSCLatam * MSCHALANS MSCHALANS MSCHALANS	19,397 7,397 3,448 10,125 21,723 811 83,953 73,412 50,463 5,186 2,492 2,010 109,743 862	0.2 0.6 0.4 -0.1 0.7 0.3 -0.4 -0.1 1.1 0.0 -0.1 0.3 -0.8 -0.2 0.1 -0.3	-1.3 -0.5 0.8 -1.7 2.0 0.6 0.2 -1.7 1.6 3.6 -1.5 -0.1 -1.0 -0.6 -0.2 -0.9	-3 -2 -6 0 -2 -1 -1 -2 4 8 -2 2 3 1 0 0	-1 3 4 7 6 4 11 23 15 19 8 3 25 -11 44 24
Naká FFSE 100 EuroStock 50 EuroStock 50 EUROST EUROST CAC CAC CAC ASS ANB ASS Athres MBCLatam Bockpa	19,397 7,397 3,448 10,125 12,297 5,115 21,723 811 83,953 73,412 50,463 5,186 2,492 2,010 109,743	0.2 0.6 0.4 -0.1 0.7 0.3 -0.4 -0.1 1.1 0.0 -0.1 0.3 -0.8 -0.2 0.1 -0.3 -0.6 0.0	-1.3 -0.5 0.8 -1.7 2.0 0.6 0.2 -1.7 1.6 3.6 -1.5 -0.1 -1.0 -0.6 -0.2 -0.9 0.1 -0.7	-3 -2 -6 0 -2 -1 -2 4 8 -2 2 3 1 0	-1 3 4 7 6 4 11 23 15 19 8 3 25 -11 44 24 7 11
Nikki FFSE 10:0 EuroStock 50 IBIX DAC ACA ACA ACA ACA ACA ACA ACA ACA ACA	19,397 7,397 3,448 10,125 12,297 5,115 21,723 811 83,953 73,412 50,463 5,186 2,492 2,010 109,743 862 3,365 5,832 109,743	0.2 0.6 0.4 -0.1 0.7 0.3 -0.4 -0.1 1.1 0.0 -0.1 0.3 -0.8 -0.2 0.1 -0.3 -0.8 -0.2 0.1 -0.3 -0.6 0.0 Daily -2.2	-1.3 -0.5 0.8 -1.7 2.0 0.6 0.2 -1.7 1.6 3.6 -1.5 -0.1 -1.0 -0.6 -0.2 -0.9 0.1 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.2 -0.3 -0.2 -0.3 -0.2 -0.2 -0.1 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	-3 -2 -2 -6 0 -2 -1 -2 4 8 -2 2 3 1 0 0 3 1 0 0 3 1 1 Monthly -7	-1 3 4 7 6 4 11 23 15 19 8 3 25 -11 8 3 25 -11 44 24 7 7 11 YTD
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Nakai FISE 100 EuroStook S0 EuroStook S0 EuroStook S0 EuroStook S0 EuroStook S0 EuroStook S0 MSC Latama" Book SC Latama Book SC Latam	19,397 7,397 3,448 10,125 5,1155,11	0.2 0.6 0.6 0.4 0.1 0.7 0.3 0.4 0.4 0.1 1.1 1.0 0.0 0.3 0.8 0.2 0.3 0.8 0.0 0.3 0.8 0.0 0.3 0.8 0.0 0.3 0.8 0.0 0.3 0.8 0.0 0.3 0.0 0.0	-1.3 0.5 0.5 0.5 0.2 0.2 0.2 1.7 0.2 0.2 1.7 1.6 0.2 1.5 0.1 1.5 0.1 0.1 0.1 0.1 0.7 0.2 0.9 0.1 0.7 0.2 0.9 0.0 0.9 0.0 0.9 0.0 0.9 0.0 0.0 0.0	-3 -2 -2 -5 -6 -0 -2 -4 -2 -4 -2 -3 -3 -1 -7 -7 -6 -4 -8 -8 -8 -8 -8 -9 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -4 -8 -8 -8 -8 -8 -8 -8 -8 -8 -8 -9 -8 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9	-1 3 4 4 7 6 4 11 23 15 19 8 3 3 25 19 8 3 3 25 19 8 3 3 25 11 4 4 4 27 7 11 17 2 7 7 0 0 1 1 4 2 7 5 11 19 8 8 3 25 11 19 8 9 8 3 25 11 11 23 15 15 15 15 15 15 15 15 15 15 15 15 15
Nikki EverShore, SG EverShore,	19,397 7,397 3,448 10,125 511,55 511,55 511,55 511,55 511,55 511,55 511,55 511,55 511,55 511,55 511,55 51,1	0.2 0.6 0.6 0.4 0.1 0.7 0.3 0.4 0.1 0.7 0.4 0.1 0.0 0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-1.3 0.5 0.5 0.6 -1.7 2.0 0.6 -1.7 2.0 0.2 -1.7 1.6 -3.6 -1.5 -0.1 -1.5 -0.1 -1.5 -0.1 -1.5 -0.1 -1.5 -0.1 -0.7 -7.8 -3.2 -2.2 -4.4 -3.4 -2.2 -2.4 -3.1 -2.4 -3.2 -3.1 -2.4 -3.2 -3.1 -3.2 -3.7 -3.7 -4.2 -4.2 -4.2 -4.2 -4.2 -4.2 -4.2 -4.2	-3 -2 -2 -2 -3 -3 -3 -1 -3 -2 -4 -3 -3 -1 -3 -3 -1 -3 -3 -1 -7 -7 -7 -7 -4 -8 -8 -9 -9 -7 -7 -7 -7 -7 -4 -8 -8 -8 -6 -6 -8 -8 -8 -8 -9 -7 -7 -7 -8 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9	-1 -1 -1 -1 -1 -1 -1 -1 -1 -1
Nokei FISE 100 European European Autore Autore Autore Autore Marce	19,397 7,397 3,448 10,125 5,11	0.2 0.6 0.6 0.4 0.1 0.7 0.3 0.4 0.1 0.7 0.4 0.1 0.4 0.4 0.1 1.1 0.0 0.0 0.2 0.1 0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1-13 0-5 0-5 0-8 1-7 2-0 0-6 0-2 1-7 2-8 0-1 0-7 2-8 0-9 0-9 0-1 0-7 2-8 0-9 0-1 0-7 2-8 0-9 0-1 0-7 2-8 0-9 0-1 0-7 2-8 0-1 0-7 0-9 0-1 0-7 0-8 0-0 0-2 0-1 0-7 0-6 0-2 0-2 0-1 0-7 0-6 0-2 0-2 0-1 0-6 0-2 0-2 0-1 0-7 0-6 0-2 0-2 0-1 0-7 0-6 0-2 0-2 0-1 0-6 0-2 0-1 0-7 0-6 0-2 0-1 0-7 0-6 0-2 0-1 0-7 0-6 0-0 0-2 0-1 0-1 0-0 0-0 0-0 0-0 0-0 0-0 0-0 0-0	-3 -2 -2 -2 -3 -3 -3 -1 -1 -2 -4 -3 -3 -1 -3 -3 -1 -3 -6 -3 -7 -7 -7 -7 -4 -8 -8 -9 -9 -9 -9	-1 -1 -1 -1 -1 -1 -1 -1 -1 -1
Noké FISE 100 Eurofixous 50 Eu	19,397 7,397 3,448 10,125 11,223 11,223 11,223 11,223 11,223 12,273 12,273 12,273 12,273 12,273 12,273 12,273 11,24 11,2	0.2 0.6 0.6 0.4 0.1 0.7 0.3 0.3 0.1 1.1 0.0 0.3 0.1 1.1 0.0 0.1 1.1 0.0 0.1 0.1 0.3 0.2 0.1 0.1 0.1 0.3 0.2 0.1 0.1 0.3 0.0 0.1 0.1 0.3 0.0 0.1 0.3 0.0 0.1 0.3 0.0 0.1 0.3 0.0 0.1 0.3 0.0 0.1 0.3 0.0 0.1 0.3 0.0 0.1 0.3 0.0 0.1 0.3 0.0 0.1 0.1 0.3 0.0 0.1 0.1 0.3 0.0 0.1 0.1 0.1 0.3 0.0 0.1 0.1 0.1 0.0 0.1 0.1 0.1 0.0 0.0	1-13 0-5 0-5 0-8 1-7 2-0 0-6 0-2 1-7 2-8 0-2 1-7 1-6 1-5 1-5 1-5 1-5 1-5 1-5 0-1 1-0 0-6 0-2 0-9 0-1 0-7 2-8 0-9 0-1 0-7 2-8 0-9 0-1 0-7 0-7 0-7 0-6 0-2 0-7 0-7 0-6 0-2 0-7 1-7 2-0 0-6 0-2 0-7 1-7 1-7 2-0 0-6 0-6 0-6 0-2 0-7 1-7 1-6 0-6 0-6 0-2 1-7 1-7 1-6 0-6 0-6 0-6 0-2 0-7 1-7 1-6 0-6 0-6 0-2 0-7 1-7 1-6 0-6 0-6 0-2 0-1-7 1-7 1-6 0-6 0-2 0-1-7 1-7 0-6 0-6 0-2 0-1-7 1-7 0-0 0-6 0-2 0-1-7 1-7 0-0 0-0 0-0 0-0 0-0 0-0 0-0 0-0 0-0 0	-3 -2 -2 -2 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3	-1 3 4 7 6 4 11 7 6 4 11 23 15 19 8 3 25 19 8 3 25 11 19 8 3 25 19 19 8 3 25 19 19 8 3 25 19 19 8 3 25 19 19 8 3 25 19 19 8 3 25 11 19 19 8 3 25 11 11 12 11 11 12 12 11 11 12 12
Nokis FISE 100 EuroShours 50 E	19,397 7,397 3,448 10,125 11,229 11,229 11,229 11,223 11,223 12,217 12,172 12,1	0.2 0.6 0.6 0.4 0.1 0.7 0.3 0.4 0.1 0.3 0.4 0.1 1.1 0.0 0.4 0.1 0.1 0.3 0.4 0.1 0.1 0.3 0.4 0.1 0.1 0.3 0.4 0.1 0.3 0.4 0.1 0.3 0.4 0.1 0.3 0.4 0.1 0.3 0.4 0.1 0.3 0.4 0.1 0.3 0.4 0.1 0.3 0.4 0.1 0.3 0.4 0.1 0.3 0.4 0.1 0.3 0.4 0.1 0.3 0.4 0.1 0.3 0.4 0.1 0.3 0.4 0.1 0.3 0.4 0.1 0.1 0.3 0.4 0.1 0.1 0.1 0.3 0.4 0.1 0.1 0.3 0.4 0.1 0.1 0.3 0.4 0.1 0.1 0.3 0.4 0.1 0.1 0.3 0.4 0.1 0.1 0.3 0.4 0.1 0.3 0.4 0.1 0.3 0.4 0.1 0.3 0.4 0.1 0.3 0.4 0.1 0.3 0.4 0.1 0.3 0.4 0.1 0.3 0.4 0.1 0.3 0.4 0.1 0.3 0.4 0.4 0.1 0.3 0.4 0.4 0.1 0.3 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	1-13 0-5 0-5 0-8 1-7 2-0 0-6 0-2 1-7 1-6 0-5 1-7 1-6 0-7 0-7 1-6 0-7 0-7 0-7 0-7 0-7 0-7 0-7 0-7 0-7 0-7	-3 -2 -2 -2 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3	-1 3 4 7 6 4 11 7 6 4 11 23 15 19 8 3 25 -11 4 4 4 24 7 7 1 11 4 24 7 7 11 19 8 3 25 -11 19 8 3 25 -11 19 8 3 25 -11 19 8 3 25 -11 19 8 3 25 -11 19 8 3 25 -11 19 8 3 25 -11 19 8 3 25 -11 19 8 3 25 -11 19 8 3 25 -11 19 -12 27 -11 19 -12 27 -11 19 -12 27 -11 19 -12 -11 -11 -11 -11 -11 -11 -11
Nikki FSE 100 Eurofasous 50 Eurofasous 50 Eu	19,397 7,397 3,448 10,125 11,229 11,229 11,229 11,223 11,223 11,223 12,122 12,123 12,1	0.2 0.6 0.6 0.4 0.1 0.7 0.3 0.4 0.1 0.3 0.4 0.1 1.1 1.1 0.0 0.3 0.3 0.4 0.0 0.3 0.4 0.3 0.4 0.3 0.4 0.4 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 0.5 0.5 0.5	1-13 0-5 0-5 0-8 1-7 2-0 0-6 0-2 1-7 1-6 0-5 1-7 1-6 0-2 1-7 1-6 0-7 0-7 0-7 0-7 0-7 0-7 0-7 0-7 0-7 0-7	-3 -2 -2 -2 -3 -3 -3 -2 -4 -2 -4 -2 -2 -4 -3 -2 -2 -3 -3 -1 -2 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3	-1 3 4 7 6 4 11 23 15 19 8 3 25 19 8 3 25 19 8 3 25 11 4 4 4 24 27 7 7 7 7 11 -1 12 4 4 4 4 4 24 25 25 19 8 3 3 25 19 8 3 3 25 19 19 8 3 3 25 19 19 8 3 3 25 19 19 8 3 3 25 19 10 10 10 10 10 10 10 10 10 10
Nakis Shift of the second seco	19,397 7,397 3,448 10,125 11,229 11,229 11,229 11,229 11,229 11,229 11,229 11,229 12,129 12,129 12,129 12,129 12,412 12,4	0.2 0.6 0.6 0.4 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	1-13 0-5 0-8 0-5 0-8 0-2 0-1-7 1-6 0-2 0-1 1-7 1-0-0 0-1 0-1 0-1 0-1 0-0-2 0-1 0-1 0-0-2 0-0-1 0-0-2 0-0-0-0 0-0-0-0 0-0-0-0 0-0-0-0 0-0-0-0 0-0-0-0 0-0-0-0 0-0-0-0 0-0-0-0 0-0-0-0-0 0-0-0-0-0 0-0-0-0-0 0-0-0-0-0 0-0-0-0-0-0 0-0-0-0-0-0-0 0-	-3 -2 -2 -2 -3 -3 -3 -2 -4 -3 -2 -4 -3 -2 -4 -3 -3 -3 -1 0 0 -3 -3 -1 0 0 -3 -3 -1 -1 -4 -8 -8 -8 -8 -7 -7 -2 -2 -4 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	-1 3 4 7 6 4 11 12 23 15 19 8 3 25 19 8 3 25 11 4 4 4 4 4 7 7 0 1 -1 -1 -1 -1 -1 -1 -1 -1 -1
Nokis FISE 100 FISE 1	19,397 7,397 3,448 10,125 11,229 11,229 11,229 11,229 11,229 11,229 11,229 11,229 12,129 12,129 12,129 12,129 12,412 12,4	0.2 0.6 0.6 0.4 0.1 0.7 0.3 0.4 0.4 0.3 0.4 0.1 0.3 0.4 0.4 0.4 0.3 0.4 0.4 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	1-13 0-5 0.8 0-5 0.8 1-17 2.0 0.6 0.2 1-7 1-6 1-5 1-10 0.6 0-2 1-17 1-6 0-6 0-2 0-1 1-1 0-6 0-2 0-9 0-0 1-0-6 0-2 0-9 0-0-0 0-0 0-0-0 0-0 0-0 0-0 0-0 0-0	-3 -2 -2 -2 -3 -3 -3 -2 -4 -2 -4 -2 -2 -4 -3 -2 -2 -3 -3 -1 -2 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3	-1 3 4 7 6 4 11 23 15 19 8 3 25 19 8 3 25 19 8 3 25 11 4 4 4 24 27 7 7 7 7 11 -1 12 4 4 4 4 4 24 25 25 19 8 3 3 25 19 8 3 3 25 19 19 8 3 3 25 19 19 8 3 3 25 19 19 8 3 3 25 19 10 10 10 10 10 10 10 10 10 10
Nakis PiseTaO Exercitors 0 Exer	19,397 7,397 7,397 7,397 7,397 2,811 2,290 2,811 2,217 2,172	0.2 0.6 0.6 0.4 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	-1.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	-3 -2 -2 -2 -3 -3 -2 -4 -3 -2 -4 -3 -2 -2 -4 -4 -3 -7 -6 -4 -4 -8 -8 -7 -7 -6 -4 -4 -8 -8 -9 -7 -7 -7 -7 -7 -7 -4 -8 -8 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9	-1 -1 -1 -1 -1 -1 -1 -1 -1 -1
Nakis Shield Selection Sel	19,397 7,397 7,397 7,397 7,397 7,319 811 811 811 812 7,3412 8,3953 7,3412 8,3953 7,3412 8,3953 7,3412 8,3953 7,3412 8,3953 7,3412 8,3953 7,3412 8,3953 7,3412 8,3953 7,3412 8,3953 7,3412 8,3953 7,3412 8,3953 7,3412 8,3953 7,3412 8,3953 7,3412 8,3953 7,3412 8,3953 7,3412 7,341 7,3412 7,341 7,341 7,3412 7,341 7,341 7,3412 7,341 7,3412 7,341 7,3412 7,341 7,3412 7,341 7,3412 7,341 7,3412 7,341 7,3412 7,341 7,3412 7,341 7,3412 7,341 7,3412 7,341 7,3412 7,341 7,3412 7,341 7,3412 7,341 7,3412 7,341 7,3412 7,341 7,341 7,3412 7,341 7,3412 7,341 7,3412 7,341 7,3412 7,341 7,3412 7,341 7,3412 7,341 7,3412 7,4412 7,3412 7,3412 7,4412 7,3412 7,3412 7,4412 7,3412 7,4412 7,337 7,3412 7,4412 7,3412 7,3412 7,4412 7,4412 7,4412 7,4412 7,4412 7,4412 7,4412 7,4412 7,4412 7,4412 7,4412 7,4412 7,4412 7,4412 7,4412 7,4412 7,4412 7,4412 7,4412 7,4412 7,4412 7,4412 7,4412,	0.2 0.6 0.6 0.4 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	-1.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	-3 -3 -2 -2 -2 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3	-1 3 4 7 7 6 4 11 12 15 19 8 3 25 -11 15 19 8 3 25 -11 15 19 8 3 25 -11 17 19 8 3 25 -11 17 15 15 15 15 15 15 15 15 15 15
Nakis Shield Selection Sel	19,397 7,397 7,397 7,397 7,397 7,397 7,317 811 811 811 83,953 7,3,412 83,953 7,3,412 83,953 7,3,412 83,953 7,3,412 83,953 7,3,412 83,953 7,3,412 84,2 7,2 84,5 9 84,7 7,2 1,8 84,7 7,2 1,13 1,13 1,13 1,13 1,13 1,12 1,22 1,2	0.2 0.6 0.6 0.4 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	1-13 0-5 0-5 0-5 0-5 0-5 0-5 0-1 0-5 0-5 0-5 0-5 0-5 0-5 0-5 0-5 0-5 0-5	-3 -2 -2 -2 -3 -3 -3 -2 -3 -3 -2 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3	-1 -1 -1 -1 -1 -1 -1 -1 -1 -1
Nobel FSE 100' FSE 10	19,397 3,348 7,397 3,448 12,297 5,115 5,115 5,115 5,116 6,2492 2,492 2,492 2,492 2,492 2,492 2,492 2,492 2,492 2,492 2,492 2,492 2,492 3,352 2,492 2,492 3,352 2,492 4,152 3,352 2,492 4,152 3,352 2,492 4,152 3,352 2,492 4,152 3,352 2,492 4,152 3,352 2,492 4,152 3,352 2,492 4,152 3,352 2,492 4,152 3,352 2,492 4,152 3,352 2,492 4,152 3,352 2,492 4,152 3,352 2,492 4,152 3,352 2,492 4,152 3,352 2,492 4,152 3,352 2,492 4,152	0.2 0.6 0.6 0.4 0.7 0.7 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	1-13 0-5 0-5 0-5 0-5 0-5 0-5 0-1 0-5 0-5 0-5 0-5 0-5 0-5 0-5 0-5 0-5 0-5	-3 -3 -2 -2 -3 -3 -3 -4 -4 -8 -2 -2 -3 -1 -1 -2 -2 -2 -3 -3 -1 -0 -2 -2 -3 -3 -1 -0 -2 -2 -2 -2 -2 -2 -2 -2 -2 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3	-1 -1 -1 -1 -1 -1 -1 -1 -1 -1
Noki SNAME S	19,397 2,397 3,340 2,397 3,142 5,115 5,115 5,12297 5,115 5,045 2,492 2,492 2,492 2,492 2,492 2,492 2,493 4,10 3,05 2,492 2,492 2,493 4,10 3,05 2,492 2,15,3 4,10 3,10 2,201 118,4 4,5 4,5 2,492 2,15,3 4,10 3,10 2,201 118,4 4,1 1,7,7 3,00 1,13 100,5 1,13 1	0.2 0.6 0.6 0.4 0.7 0.7 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	1-13 0.5 0.5 0.5 1.7 2.20 0.2 1.7 2.20 0.2 1.7 1.6 1.5 1.5 1.5 0.1 0.1 0.7 0.7 0.7 0.8 0.9 0.0 0.7 0.7 0.8 0.9 0.0 0.7 0.8 0.9 0.0 0.7 0.8 0.9 0.0 0.7 0.0 0.9 0.0 0.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-3 -3 -2 -2 -3 -3 -3 -4 -4 -3 -2 -2 -3 -3 -1 0 0 -2 -3 -3 -2 -2 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3	-1 -1 -1 -1 -1 -1 -1 -1 -1 -1
Naki Shaki Shift Constant of C	19,397 2,397 2,397 3,448 2,397 5,115 5,115 2,297 7,045 12,297 7,045 12,297 7,045 12,297 7,045 12,297 7,045 12,297 7,045 10,257 7,045 10,257 10,2	0.2 0.6 0.6 0.4 0.1 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	1-13 0.5 0.6 0.6 0.6 0.6 0.6 0.2 0.6 0.1 0.6 0.2 0.6 0.1 0.1 0.6 0.2 0.1 0.1 0.6 0.2 0.0 0.1 0.1 0.6 0.0 0.0 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-3 -3 -2 -2 -2 -3 -3 -4 -4 -8 -2 -2 -4 -8 -2 -2 -3 -3 -1 -1 -2 -3 -3 -1 -1 -3 -3 -1 -1 -4 -4 -8 -9 -7 -7 -6 -4 -4 -8 -9 -7 -7 -6 -4 -4 -2 -2 -2 -4 -4 -2 -2 -2 -4 -4 -2 -2 -2 -4 -4 -2 -2 -2 -4 -4 -2 -2 -3 -3 -3 -1 -1 -2 -2 -3 -3 -3 -1 -1 -2 -2 -3 -3 -3 -1 -1 -1 -2 -2 -3 -3 -3 -1 -1 -1 -1 -2 -2 -3 -3 -3 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	-1 -3 -3 -4 -7 -6 -6 -4 -1 -1 -1 -2 -7 -6 -6 -4 -1 -1 -2 -2 -5 -5 -5 -7 -4 -6 -6 -7 -4 -6 -6 -6 -6 -6 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7
Nakis SAUSA	19,397 2,397 3,340 2,397 3,142 5,115 5,115 5,12297 5,115 5,045 2,492 2,492 2,492 2,492 2,492 2,492 2,493 4,10 3,05 2,492 2,492 2,493 4,10 3,05 2,492 2,15,3 4,10 3,10 2,201 118,4 4,5 4,5 2,492 2,15,3 4,10 3,10 2,201 118,4 4,1 1,7,7 3,00 1,13 100,5 1,13 1	0.2 0.6 0.6 0.4 0.7 0.7 0.7 0.7 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	1-13 0.5 0.5 0.5 1.7 2.20 0.2 1.7 2.20 0.2 1.7 1.6 1.5 1.5 1.5 0.1 0.1 0.7 0.7 0.7 0.7 0.8 0.9 0.0 0.7 0.7 0.8 0.9 0.0 0.7 0.8 0.9 0.0 0.7 0.7 0.9 0.0 0.7 0.0 0.7 0.0 0.0 0.0 0.0 0.0 0.0	-3 -3 -2 -2 -3 -3 -3 -4 -4 -3 -2 -2 -3 -3 -1 0 0 -2 -3 -3 -2 -2 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3	-1 -3 -3 -4 -7 -6 -6 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7
Noki Shield Selection Sele	19,397 3,348 7,397 3,448 12,297 5,115 5,115 12,297 7,045 10,297 10,207 10,2	0.2 0.6 0.6 0.4 0.1 0.7 0.3 0.4 0.1 0.4 0.4 0.1 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	1-3 0-5 0-5 0-5 0-5 0-2 1-7 0-6 0-2 1-7 0-7 1-6 0-2 1-7 1-6 0-7 1-7 1-7 1-7 1-7 1-7 1-7 1-7 1	-3 -3 -2 -2 -3 -3 -3 -4 -4 -4 -2 -2 -2 -4 -4 -2 -2 -2 -3 -1 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -8 -9 -7 -7 -7 -7 -4 -8 -9 -7 -7 -7 -4 -4 -8 -9 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7	-1 -3 -3 -4 -7 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1
Node TSP 100 TSP 10	19,397 2,397 2,397 3,102 3,112 3	0.2 0.6 0.6 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	1-13 0.5 0.5 0.5 0.7 0.6 0.2 0.2 0.2 0.2 1.7 0.2 0.2 0.2 1.7 0.2 0.2 0.2 1.7 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	-3 -3 -2 -2 -3 -5 -5 -6 -7 -4 -4 -2 -2 -1 -2 -4 -4 -2 -2 -3 -1 -2 -4 -4 -2 -2 -3 -1 -7 -6 -7 -7 -6 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7	-1 -1 -1 -1 -1 -1 -1 -1 -1 -1
Nakis SALSA	19,397 2,397 2,397 3,10 2,397 5,115 5,115 5,115 5,162 5,045 5,	0.2 0.6 0.6 0.6 0.7 0.7 0.7 0.7 0.4 0.7 0.4 0.4 0.7 0.4 0.4 0.1 0.0 0.3 0.8 0.2 0.1 0.3 0.8 0.2 0.1 0.3 0.8 0.2 0.3 0.3 0.8 0.2 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 0-5 0-5 0-5 0-5 0-2 1-2 0-2 1-2 0-2 1-2 1-2 0-2 1-2 1-2 1-2 1-2 1-2 1-2 1-2 1	-3 -3 -2 -2 -3 -3 -3 -4 -4 -4 -4 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3	-1 -1 -1 -1 -1 -1 -1 -1 -1 -1
Nodes FSE 1000 FSE 1000 FSE 1000 FSE 1000 FSE 1000 ACX CAC CAC CAC CAC CAC CAC CAC	19,397 2,397 3,317 2,397 3,117 3,117 5,115 5,115 5,112 50,453 2,4292 2,429 2,4292 3,421 2,4292 3,421 2,4292 3,421 2,4292 3,421 2,4292 3,421 2,4292 3,421 2,4292 3,421 2,4292 3,421 2,4292 3,421 2,4292 3,421	0.2 0.6 0.6 0.6 0.6 0.7 0.3 0.7 0.3 0.4 0.7 0.3 0.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1-3 0-5 0-5 0-5 0-5 0-2 1-7 0-6 0-2 1-7 0-7 1-6 0-2 1-7 1-6 0-2 1-7 1-6 0-2 1-7 1-6 0-2 1-7 1-7 1-6 0-2 1-7 1-7 1-6 0-2 1-7 1-7 1-6 0-2 1-7 1-7 1-7 1-7 1-7 1-7 1-7 1-7	-3 -3 -2 -2 -2 -3 -2 -3 -3 -1 -1 -2 -4 -4 -4 -7 -6 -4 -7 -6 -7 -7 -6 -7 -7 -6 -8 -8 -8 -9 -7 -7 -6 -8 -8 -8 -8 -8 -9 -7 -7 -7 -6 -8 -9 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7	-1 -3 -4 -7 -7 -7 -7 -7 -7 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1
Noted FSC 100 FSC 100 FSC 100 FSC 100 CAC SAC MOR MSD Latam MSD Catam MSD Ca	19,397 2,397 2,397 3,142 5,115 5,115 5,115 5,12297 5,115 5,12297 5,115 5,12297 5,115 5,136 2,492 2,492 2,492 2,492 2,493 2,492 2,493 2,	0.2 0.6 0.6 0.6 0.6 0.7 0.3 0.7 0.3 0.4 0.7 0.3 0.4 0.7 0.3 0.4 0.0 0.3 0.3 0.3 0.2 0.3 0.3 0.4 0.0 0.3 0.3 0.4 0.0 0.3 0.3 0.4 0.0 0.3 0.4 0.3 0.4 0.3 0.3 0.4 0.4 0.3 0.3 0.4 0.4 0.3 0.4 0.4 0.3 0.4 0.4 0.3 0.4 0.4 0.3 0.4 0.4 0.3 0.4 0.4 0.4 0.4 0.3 0.4 0.4 0.4 0.3 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	1-13 0-5 0-5 0-5 0-5 0-5 0-2 0-2 0-2 0-2 0-2 0-2 0-2 0-2 0-2 0-2	-3 -3 -2 -2 -3 -3 -3 -3 -3 -4 -4 -4 -4 -4 -7 -6 -4 -7 -7 -6 -6 -7 -7 -7 -6 -6 -7 -7 -7 -8 -8 -9 -7 -7 -7 -8 -8 -9 -7 -7 -7 -7 -8 -9 -9 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7	-1 -1 -1 -1 -1 -1 -1 -1 -1 -1
Node TSP 100 TSP 10	19.307 19.307 2.397 3.12 3	0.2 0.2 0.6 0.6 0.6 0.6 0.7 0.3 0.7 0.7 0.7 0.4 0.7 0.4 0.7 0.4 0.4 0.7 0.3 0.4 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	1-3 0-5 0-5 0-5 0-5 0-2 1-2 0-2 1-2 0-2 1-2 1-2 0-2 1-2 1-2 1-2 1-2 1-2 1-2 1-2 1	-3 -3 -2 -2 -3 -2 -3 -2 -2 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3	-1 -1 -1 -1 -1 -1 -1 -1 -1 -1
Node TSPE 100 TSPE 100	19,397 2,397 2,397 3,102 3,102 3,112 3	0.2 0.2 0.6 0.6 0.6 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.4 0.1 0.0 0.4 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1-3 0-5 0-5 0-5 0-5 0-2 1-2 0-2 1-2 0-2 1-2 0-2 1-2 1-2 0-2 1-2 1-2 0-2 1-2 1-2 0-2 1-2 1-2 0-2 1-2 1-2 0-2 1-2 1-2 0-2 1-2 1-2 0-2 1-2 1-2 0-2 1-2 1-2 0-2 1-2 1-2 0-2 1-2 1-2 0-2 1-2 1-2 0-2 1-2 1-2 0-2 1-2 1-2 1-2 0-2 1-2 1-2 1-2 1-2 1-2 1-2 1-2 1	-3 -3 -2 -2 -3 -3 -2 -3 -3 -4 -4 -4 -4 -4 -3 -7 -7 -1 -1 -1 -0 -3 -1 -1 -3 -2 -2 -2 -3 -1 -1 -3 -2 -2 -3 -3 -3 -3 -3 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4	-1 -1 -1 -1 -1 -1 -1 -1 -1 -1
Nakis SASA Groups and a series of a series	19,397 2,397 2,397 3,107 3,107 5,115 5,115 5,115 5,115 5,142 5,0463 2,492 2,492 5,0463 5,03412 5,0463 2,492 2,492 5,0463 5,032 2,492 5,0463 5,032 2,492 1,164 4,29 4,2	0.2 0.6 0.6 0.6 0.6 0.7 0.3 0.7 0.3 0.4 0.7 0.3 0.4 0.7 0.3 0.4 0.4 0.1 0.3 0.3 0.8 0.2 0.3 0.2 0.3 0.4 0.3 0.3 0.2 0.3 0.4 0.3 0.3 0.2 0.3 0.4 0.3 0.3 0.2 0.3 0.4 0.3 0.3 0.4 0.3 0.3 0.4 0.3 0.3 0.4 0.3 0.3 0.4 0.3 0.3 0.4 0.3 0.3 0.4 0.3 0.4 0.3 0.4 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 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.4 0.3 0.4 0.3 0.4 0.4 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	1-13 0-5 0-5 0-5 0-5 0-5 0-2 0-2 1-7 0-2 1-7 0-2 1-5 0-2 1-5 0-2 1-5 0-2 1-5 0-2 1-5 0-2 0-2 1-5 0-2 0-2 1-5 0-2 0-2 1-5 0-2 0-2 0-2 0-2 0-2 0-2 0-2 0-2 0-2 0-2	-3 -3 -2 -2 -3 -3 -3 -3 -3 -3 -4 -4 -4 -4 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3	-1 -1 -1 -1 -1 -1 -1 -1 -1 -1





Debt markets	(10Y.%.ch	anges in t	op)		N.T.D.
US (2-yr)	1.27	-3.6	-5.9	-8	YTD 5
US GER (2-yr)	2.05 -0.76 0.31	-5.9 -3.1	-7.1 -3.1	-22 -10	-39 2
Germany France	0.61	-4.0 -4.9	-5.4 -4.8	-17 -14	-5 -20
Spain Italy	1.50	-7.2	-6.7 -12.1	-6 -8	-8 5
Portugal Greece	2.75 5.47	-9.8 -0.5	-8.4 -7.4	-11	-143 -142
Japan (2-yr) Japan	-0.15 0.01	0.0	1.6 -6.0	-4 -6	5 -6
Emerging Markets Brazil	level 9.79	0.1 Daily 0.0	Weekly -18.5	Monthly -14	YTD -162
Chile	4.32	-0.0 -0.1 -2.4	-4.7	-4	- 4
Colombia Mexico	6.70 6.79	-5.6	-2.9 -4.2	-20 -9	-39 -85
Peru Poland	5.15 3.15	1.0 -4.5	-0.7 -15.2	-11	-132 -57
Russia Turkey	7.59 10.39	2.1 -8.0	-16.6 4.0	-20	-85 -61
India	6.52	-6.0	-0.7	-1 -33	-01 14 -129
Indonesia Country ris	6.55 k (bp. chang	-1.5 jes in bp)	-14.1	-33	-129
Developed Markets 10-yr sovereign spread vs Germany	level	Daily	Weekly	Monthly	YTD
France	31	-0.9	0.6	2	-15
Italy Portugal	162 244	-6.3 -5.8	-6.7 -3.0	9 5	10 -110
Spain 2-yr so vereign spread vs Germany	119	-3.2	-1.3	9	-9
France	21	0.8	0.0	-1	10
Italy Portugal	52 74	-1.8 -3.6	-2.0 1.0	8	-9 -73
Spain Emerging Markets	40	0.2 Daily	1.8 Weekly	4 Monthly	-8 YTD
Emerging Markets 5-yr sovereign CDS *	ici ci		нескіу		
Brazil Chile	184 56	-2.6 -0.3	-11	-7 -5	-88 -26
Colombia Mexico	116 98	-2.5 -1.1	-9 -4	-6 0	-47 -58
Peru	71	-1.3	-3	-3	-36
Venezuela Poland	6,199 54	111.8 0.0	-505	579 -4	2294 -21
Russia Turkey	141 162	1.3	-2	-13	-36 -110
China	61	0.9	3	-3	-56
India Indonesia	82 102	1.7 0.3	0	-3 -7	-45 -54
Ris Volatilty indicators (%)	k indicators	Daily	Weekly		YTD
VIX	level 12	0.8	11	Monthly 7	0
VSTOXX EM EFT volatility Index	15 17	-7.5 -3.2	-3 1	18 6	-1 -18
Dollar/euro volatility	8	-5.3	-1	3 4	-21
EM FX volatility index Credit spread (BAA) (bps)	222	5.9	8	7	-5
US bonds volatility index Banking 5y CDS (bps) *	53 level	-0.7 Daily	3 Weekly	12 Monthly	-31 YTD
US	58	0.4	1	6	-14
EZ UK	54 47	0.4 -0.1	-5 -2	1	-54 -43
Large Spanish Medium Spanish	49 84	0.8	-6 -9	-2 -6	-68 -68
Corporate 5y CDS (bps) *	level	Daily	Weekly	Monthly	YTD
US Non-financial EZ Non-financial	138 74	0.4	-1	6	-14 -54
UK Non-financial	105	0.2	-2	0	-19
Interbank mar	level	anges in b Daily	Weekly	Monthly	YTD
EONIA Index Euribor 3m	-0.36 -0.33	0.00	0.0	0.0	0.0
Euribor 12m	-0.16	0.00	0.0	0.0	-0.1
Libor 3m Libor 12m	1.32 1.71	0.00	0.0	0.0 0.0	0.3
Stoc	k markets (
Main indices	level	Daily	Weekly -0.3	Monthly	<u>үтр</u> 9
S&P500	2,464	-0.1		0 -1	9
Dow Jones	21,768	-0.2	-0.8		
Nikkei	19.397	0.2	-1.3	-3	4
Nikkei FTSE 100 EuroStoxx 50	19.397 7,397 3,448	0.2 0.6 0.4	-1.3 -0.5 0.8	-3 -2 -2	-1 3 4
Nikkel FTSE 100 EuroStoxx 50 IBEX DAX	19.397 7,397 3,448 10,125 12,297	0.2 0.6 0.4 -0.1 0.7	-1.3 -0.5 0.8 -1.7 2.0	-3 -2 -6 0	-1 3 4 7 6
Nikkei FTSE 100 EuroStoxx 50 IBEX DAX CAC	19.397 7,397 3,448 10,125 12,297 5,115	0.2 0.6 0.4 -0.1 0.7 0.3	-1.3 -0.5 0.8 -1.7 2.0 0.6	-3 -2 -6 0 -2	-1 3 4 7 6 4
Nikkei FTSE 100 EuroStoxx 50 IBEX DAX CAC CAC MIB ASE Athens	19.397 7,397 3,448 10.125 12,297 5,115 21,723 811	0.2 0.6 0.4 -0.1 0.7 0.3 -0.4 -0.1	-1.3 -0.5 0.8 -1.7 2.0 0.6 0.2 -1.7	-3 -2 -6 0 -2 -1 -2	-1 3 4 7 6 4 11 23
Nikkei FTSE 100 EuroStoxx 50 IBEX DAX CAC MIB ASE Athens MSCI Latam * Ibovespa (Rizzi)	19.397 7,397 3,448 10,125 12,297 5,115 21,723 811 83,953 73,412	0.2 0.6 0.4 -0.1 0.7 0.3 -0.4 -0.1 1.1 0.0	-1.3 -0.5 0.8 -1.7 2.0 0.6 0.2 -1.7 1.6 3.6	-3 -2 -6 0 -2 -1	-1 3 4 7 6 4 11 23 15 19
Nikkei FTSE 100 BEX DAX CAC MB ASE Athens MSC Latam *	19.397 7,397 3,448 10,125 12,297 5,115 21,723 811 83,953 73,412 50,463	0.2 0.6 0.4 -0.1 0.7 0.3 -0.4 -0.1 1.1	-1.3 -0.5 0.8 -1.7 2.0 0.6 0.2 -1.7 1.6 3.6 -1.5	-3 -2 -6 0 -2 -1 -2 -1 -2 4	-1 3 4 7 6 4 11 23 15
Nikici FISE 100 EuroStox 50 IBEX DAX CAC MIB MORTIN SCREDE MORTIN	19.397 7.397 3.448 10.125 12.297 5.115 21.723 811 83,953 73,412 50,463 5.186 2,492	0.2 0.6 0.4 -0.1 0.7 0.3 -0.4 -0.1 1.1 0.0 -0.1 0.3 -0.8	-1.3 -0.5 0.8 -1.7 2.0 0.6 0.2 -1.7 1.6 3.6 -1.5 -0.1 -1.0	-3 -2 -2 -6 0 -2 -1 -2 4 8 -2 2 3	-1 3 4 7 6 4 11 23 15 19 8 3 25
Nikid FTSE 100 EuroStock 50 BIRX DAX CAC MBB ASX Affents MSCI Actions MOSIC Mostlow Parkerd Microsciello Mostlow Parkerd	19.397 7.397 3.448 10.125 12,297 5.115 21.723 811 83,953 73,412 50,463 5.186 2.492 2.010 109,743	0.2 0.6 0.4 -0.1 0.7 0.3 -0.4 -0.1 1.1 0.0 -0.1 0.3 -0.8 -0.2 0.1	-1.3 -0.5 0.8 -1.7 2.0 0.6 0.2 -1.7 1.6 3.6 -1.5 -0.1 -1.0 -0.6 -0.2	-3 -2 -2 -6 0 -2 -1 -2 4 8 -2 2 3 1 0	-1 3 4 7 6 4 11 23 15 19 8 3 25 -11 44
Note FISE 100 EuroStocks 50 BEX DAX CAC MSG MSC Entraits* MSG Entraits* MSG Entraits* More distance More distance Mission MSG Entraits* More distance Note distance Stormal Anti-ation Stormal Christer	19.397 7.397 3.448 10.125 12,297 5.115 21.723 811 83.953 73.412 50.463 5.186 2.492 2.010 109.743 862 3.365	0.2 0.6 0.4 -0.1 0.7 0.3 -0.4 -0.1 1.1 0.0 -0.1 0.3 -0.8 -0.2 0.1 -0.3 -0.6	-1.3 -0.5 0.8 -1.7 2.0 0.6 0.2 -1.7 1.6 3.6 -1.5 -0.1 -1.0 -0.6 -0.2 -0.9 0.1	-3 -2 -2 -6 0 -2 -1 -2 4 8 -2 2 2 3 1	-1 3 4 7 6 4 11 23 15 19 8 3 25 -11 44 24 7
Note FSE 100 EuroStock 50 BIX DAC MIR	19.397 7.397 3.448 10.125 5.115 21.723 811 83.953 73.412 50.463 5.186 2.492 2.010 109.743 862	0.2 0.6 0.4 -0.1 0.7 0.3 -0.4 -0.1 1.1 0.0 -0.1 0.3 -0.8 -0.2 0.1 -0.3 -0.6 0.0	-1.3 -0.5 0.8 -1.7 2.0 0.6 0.2 -1.7 1.6 3.6 -1.5 -0.1 -1.0 -0.6 -0.2 -0.9 0.1 -0.7	-3 -2 -2 -6 0 -2 -1 -2 4 8 -2 2 3 1 0 0	-1 3 4 7 6 4 11 23 15 19 8 3 25 -11 44 24 7 11
Noka FFSE 100 EuroStock 50 IBIX DAC MB MSC Latam * MSC	19,397 7,397 3,448 10,125 12,297 5,115 21,723 811 83,953 73,412 50,463 5,186 5,186 5,186 5,186 5,186 5,186 5,186 5,189 2,492 2,010 109,743 862 3,365 5,832 100 118,4	0.2 0.6 0.4 -0.1 0.7 0.3 -0.4 -0.1 1.1 0.0 -0.1 0.3 -0.8 -0.2 0.1 -0.3 -0.6 0.0 Daily -2.2	-1.3 -0.5 0.8 -1.7 2.0 0.6 0.2 -1.7 1.6 3.6 -1.5 -0.1 -1.0 0.6 0.2 -0.1 -0.7 0.1 -0.2 -0.9 0.1 -0.7 -0.7 -0.2 -0.9 0.1 -0.2 -0.3 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	-3 -2 -2 -6 0 -2 -1 -2 4 8 -2 2 2 3 1 0 0 0 3 1 1 Monthly -7	-1 3 4 7 6 4 11 23 15 19 8 3 3 25 -11 44 24 7 11 44 24 7 11 7 7 11
Naka FIFSE 100 EuroStroux 50 EuroStroux 50 EuroStroux 50 EuroStroux 50 EuroStroux 50 EuroStroux 50 Morbot Mor	19,397 7,397 3,448 10,125 12,297 5,115 21,723 81 33,953 73,412 50,463 5,186 2,492 2,492 2,492 2,010,743 862 3,365 5,832 109,743 862 3,365 8,832	0.2 0.6 0.4 -0.1 0.7 0.3 -0.4 -0.1 1.1 0.0 -0.1 1.1 0.0 -0.1 0.3 -0.8 -0.2 0.1 -0.3 -0.2 0.1 -0.3 -0.4 -0.1 0.7 0.3 -0.4 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1	-1.3 -0.5 0.8 -1.7 2.0 0.6 0.2 -1.7 1.6 3.6 -1.5 -0.1 -1.0 -0.6 -0.2 -0.9 0.1 -0.7 Weekly	-3 -2 -2 -6 0 -2 -1 -2 4 8 -2 2 3 1 0 0	-1 3 4 7 6 4 11 23 15 19 8 3 25 -11 44 24 24 7 11 YTD
Noke Erectors 50 Erectors 50 Erectors 50 Erectors 50 Erectors 50 Erectors 50 MB MB MB MB MB MB MB MB MB MB	19,397 7,397 3,448 10,125 12,297 5,115 21,723 811 83,953 73,412 50,463 5,186 2,492 2,010 109,743 862 3,365 5,832 i cvel 118,4 88,4 65,9 22,8	0.2 0.6 0.4 -0.1 0.7 -0.4 -0.1 1.1 0.0 -0.1 0.3 -0.4 -0.1 0.3 -0.4 -0.1 0.3 -0.2 0.1 -0.3 -0.2 0.1 -0.3 -0.2 0.1 -0.2 0.1 -0.2 -0.4 -0.1 -0.4 -0.4 -0.4 -0.4 -0.4 -0.4 -0.4 -0.4	-1.3 -0.5 0.8 -1.7 2.0 0.6 0.2 -1.7 1.6 3.6 -1.5 -0.1 -1.0 -0.6 -0.2 -0.9 0.1 -0.7 -0.9 0.1 -0.7 -0.9 0.1 -0.7 -0.7 -2.8 -3.7 -2.8 -3.2 -4.4	-3 -2 -6 0 -2 -1 -2 4 8 -2 2 3 1 0 0 3 1 Monthly -7 -6 -4 -8	-1 3 4 7 6 4 11 23 15 19 8 3 25 -11 44 24 7 11 YTD -1 2 7 0
Noke FSE 100 EuroStock SO BIOX DAC DAC DAC DAC DAC DAC DAC DAC	19.397 7.397 3.448 10.125 12.297 5.115 21.723 8.11 83.953 73.412 50.463 5.186 2.492 2.010 109.743 862 3.365 5.832 International Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society Society	0.2 0.6 0.4 -0.1 0.7 0.3 -0.4 -0.1 1.1 0.0 -0.1 0.3 -0.8 -0.2 0.1 -0.3 -0.6 0.0 Daily -2.2 -1.9 -2.2 -2.4 -2.5 -1.6	-1.3 -0.5 0.8 -1.7 2.0 0.6 0.2 -1.7 1.6 3.6 -1.5 -0.1 -1.0 -0.6 0.2 -0.9 0.1 -1.0 -0.2 -0.9 0.1 -0.7 Weekly -3.7 -2.8 -3.2 -4.4 -3.8	-3 -2 -6 0 -2 -1 -2 4 8 -2 2 3 1 0 0 3 1 0 0 3 1 1 0 0 3 1 1 0 0 3 4 4 8 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7	-1 3 4 7 6 4 11 23 19 8 3 25 -11 9 8 3 25 -11 9 4 24 7 11 27 0 1 11 27 19 19 19 19 19 19 19 19 10 10 10 10 10 10 10 10 10 10
Notes F55:100 EuroStock 50 BRX DAC ACC ACC ACC ACC ACC ACC ACC ACC ACC	19,397 7,397 3,448 10,125 12,297 5,115 2,1723 811 83,953 73,412 50,463 5,186 2,492 2,492 2,492 0,010 9,743 862 3,365 5,832 109,743 862 3,365 5,832 109,743 862 3,365 5,832 109,743 862,336 2,28 4,84 4,65,9 2,28 4,84 4,85 4,95 2,28 4,85 4,95 4,95 4,95 4,95 4,95 4,95 4,95 4,9	0.2 0.6 0.4 -0.1 0.7 0.3 -0.4 -0.1 1.1 0.0 -0.1 1.1 0.3 -0.8 -0.2 0.1 -0.3 -0.6 -0.0 Daily -2.2 -2.4 -2.5 -1.6 -0.6 -0.1	-1.3 -0.5 0.8 -1.7 2.0 0.6 0.2 -1.7 1.6 3.6 -1.5 -0.1 -1.0 -0.6 -0.2 -0.9 0.1 -0.7 Weekly -3.7 -2.8 -3.2 -3.4	-3 -2 -6 0 -2 -1 -1 -2 4 8 8 -2 2 2 3 1 0 0 3 1 0 0 3 1 1 0 0 3 1 1 0 6 6 -4 -8 -8 -8	-1 3 4 7 6 4 11 23 15 19 8 3 25 -11 5 19 8 3 25 -11 44 24 7 7 11 77 0 1 -11 2 7 0 1 -11 4 0
Nokes FISE 10:0 EuroStonos 50	19,397 7,397 3,448 10,125 12,297 5,115 21,723 811 83,953 73,412 50,463 5,186 2,492 2,010 109,743 862 3,365 5,832 I cvd 109,743 862 3,365 5,832 I cvd 109,743 862 3,365 5,832 I cvd 118,4 88,4 65,9 22,8 43,9 215,3 109,3 62,5 14,5	0.2 0.6 0.4 0.1 0.7 0.3 0.4 0.1 0.3 0.4 0.1 1.1 0.0 0.1 0.3 0.8 0.2 0.1 0.3 0.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0 0.3 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.3 0.4 0.4 0.4 0.4 0.4 0.4 0.4 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 -0.5 0.8 1.7 2.0 0.6 0.2 1.7 1.6 3.6 -1.5 -0.1 -1.0 -0.6 -0.2 -0.9 0.1 -0.7 Weekly -3.7 -2.8 -3.2 -4.4 -3.8 -2.0 -2.2 -2.1	-3 -2 -2 -3 -3 -2 -1 -2 -3 -2 -3 -3 -2 -2 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3	-1 3 4 7 6 4 11 23 15 19 8 3 25 -11 8 3 25 -11 4 4 24 7 11 2 4 7 7 11 2 7 7 0 1 11 4 0 18
Nokes FISE 10:0 EuroStocks 50	19,397 7,397 3,448 10,125 12,297 5,115 21,723 811 83,953 73,412 50,463 5,186 2,492 2,010 109,743 862 3,365 5,832 109,743 862 2,010 118,4 88,4 88,4 65,9 22,8 88,4 88,4 65,9 22,8 43,9 215,3 109,3 62,5 114,5	0.2 0.6 0.4 0.1 0.7 0.3 0.4 0.7 0.3 0.4 0.1 0.1 0.1 0.1 0.1 0.1 0.3 0.6 0.2 0.1 0.3 0.6 0.0 0.2 0.2 0.5 iy 2.2 2.4 2.5 1.6 0.6 0.1 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	-1.3 -0.5 -0.8 -0.8 -0.8 -0.2 -0.6 -0.2 -0.6 -0.2 -1.7 -1.7 -1.6 -0.1 -0.6 -0.2 -0.9 -0.1 -0.7 -0.8 -0.9 -0.9 -0.1 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6	-3 -2 -6 -6 -2 -2 -4 -8 -2 -2 -2 -4 -3 -1 -1 -7 -6 -4 -8 -8 -8 -7 -7 -9 -7 -7 -7 -7 -7 -7 -7 -7	-1 3 4 7 6 4 11 19 8 3 15 19 8 8 3 25 -11 19 8 3 25 -11 14 4 4 24 7 7 7 7 7 7 7 7 0 1 -11 2 2 5 5 5
Nokes FSE 100 EverStores 50 EveStores 50 Eve	19,397 7,397 3,448 10,125 12,297 5,115 21,723 811 83,953 73,412 50,463 5,486 2,492 2,010 109,743 862 3,365 5,832 i 2,010 109,743 862 i 3,365 5,832 i 2,836 5,832 i 118,4 88,4 88,4 88,4 88,4 88,4 88,4 85,9 215,3 109,3 62,5 14,5 13,3 14,6 2,89	0.2 0.6 0.4 0.1 0.7 0.3 0.4 0.7 0.3 0.4 0.1 0.1 0.0 0.1 0.0 0.1 0.3 0.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.3 0.5 0.8 1.7 0.6 0.8 0.2 1.7 1.6 0.2 1.7 1.6 0.2 1.7 1.6 0.2 0.2 0.2 0.1 0.7 0.2 0.1 0.7 0.2 0.2 0.1 0.7 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	-3 -2 -6 -6 -0 -2 -1 -1 -2 -4 -8 -2 -2 -2 -3 -1 -1 -7 -6 -4 -8 -8 -7 -7 -8 -8 -9 -7 -7 -14 -7 -4 -8 -8 -7 -7 -8 -8 -7 -7 -8 -8 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9	-1 3 4 7 6 4 4 111 19 8 3 15 19 8 8 3 25 -111 9 8 8 3 25 -11 9 7 7 0 1 -1 2 7 7 0 1 -1 1 4 4 9 8 5 5 10 9 5 5 5
Noka FISE 10:0 EuroStone S0 EuroStone S0 EuroStone S0 EuroStone S0 ASSE Affrais MSG Latam * MSG Latam * Latam * MSG Latam *	19.397 7.397 3.448 10.428 7.397 5.115 21.723 8.11 8.3953 73.412 2.010 109.743 8.62 3.365 5.832 Ievel 118.4 862 3.365 5.832 Ievel 118.4 865.9 22.8 118.4 85.9 22.5 14.5 13.3 14.6 2.8 9 215.3 14.6 2.8 9 215.3 14.6 2.8 9 215.3 14.6 2.8 9 215.3 14.6 2.8 9 215.3 14.6 2.8 9 215.3 14.6 2.8 9 215.3 14.6 2.8 9 215.3 14.6 2.8 9 215.3 14.6 2.8 9 215.3 14.6 2.8 9 215.3 14.6 2.8 9 215.3 14.6 2.8 9 215.3 14.6 2.8 9 215.3 14.6 2.5 14.5 2.5 14.5 2.5 14.5 2.5 14.5 15 15 15 2.5 15 15 15 15 15 2.4 9 2.4 9 2.4 9 2.4 9 2.4 9 2.5 14 15 18 16 18.4 18.4 18.4 18.4 18.4 18.4 18.4 18.4	0.2 0.6 0.4 0.1 0.7 0.3 0.4 0.7 0.3 0.7 0.3 0.4 0.1 1.1 1.1 0.0 0.1 0.1 0.3 0.8 0.2 0.1 0.3 0.6 0.0 0.0 2.2 2.4 2.2 2.2 2.2 2.2 4 2.5 2.4 0.5 1.6 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	1.3 0.5 0.8 1.7 0.6 0.2 1.7 1.6 0.2 1.7 1.6 0.2 1.7 1.6 0.2 0.2 1.7 1.6 0.2 0.2 0.1 1.7 0.2 0.2 0.1 1.7 0.6 0.2 1.7 0.2 0.2 1.7 0.2 0.2 1.7 0.2 0.2 1.7 0.2 0.2 0.2 1.7 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	-3 -2 -2 -3 -3 -3 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	-1 3 4 7 6 4 4 11 23 15 19 8 3 25 -11 19 8 3 25 -11 11 2 7 0 -1 1 2 7 0 11 12 25 -11 12 25 -11 12 25 -11 12 25 -11 12 25 -11 12 -12 -11 -12 -12 -11 -12 -12
Nokes FISE 10:0 EuroStones 50 EuroStones 50 EuroStones 50 EuroStones 50 Mill Mill Mill Mill Mill Mill Mill Mil	19.307 7.397 7.397 7.397 7.397 7.397 7.397 7.397 7.297 7.297 7.297 7.297 7.297 7.297 7.297 7.297 7.297 7.297 7.297 7.3412 7.297 7.3412 7.297 7.3412 7.297 7.3412 7.297 7.3412 7.297 7.3412 7.297 7.3412 7.297 7.3412 7.297 7.3412 7.297 7.3412 7.297 7	0.2 0.6 0.6 0.4 0.7 0.7 0.3 0.4 0.1 1.1 1.1 0.0 0.0 0.1 0.3 0.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.3 0.5 0.5 0.5 0.2 0.2 0.2 1.7 0.2 0.2 1.7 1.6 0.2 1.5 0.1 1.5 0.1 1.5 0.0 0.1 1.5 0.0 0.1 0.7 Weekly Weekly Weekly 0.2 0.2 0.9 0.0 0.0 0.0 0.2 0.2 0.0 0.2 0.2 0.2 0.2	-3 -3 -2 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3	-1 3 4 7 6 4 4 11 23 15 19 8 3 25 5 11 1 9 8 3 25 5 11 1 -1 2 7 0 1 1 -1 12 7 7 0 1 1 -1 12 7 7 0 1 11 9 8 3 25 5 5 11 11 22 5 5 11 11 23 25 15 19 9 8 3 25 5 11 11 22 3 25 15 19 9 8 3 25 5 11 11 22 3 25 15 19 9 8 3 25 5 11 11 22 3 25 15 19 9 8 3 25 5 11 11 22 3 25 11 11 22 3 25 11 11 22 3 25 11 11 22 3 25 11 11 22 25 11 11 22 25 11 11 22 25 11 11 22 25 11 11 22 25 11 11 22 25 11 11 22 25 11 11 22 25 11 11 22 25 11 11 22 25 11 11 22 25 11 11 22 25 11 11 22 25 11 11 22 7 7 11 11 22 7 7 11 11 22 7 7 11 11 22 7 7 11 11 22 7 7 7 11 11 22 7 7 7 7
Nokes FISE 10:0 EuroStorous 50 EuroS	19.307 7.397	0.2 0.6 0.6 0.4 0.1 0.7 0.3 0.4 0.1 1.1 0.0 0.3 0.8 0.2 0.1 0.3 0.8 0.2 0.1 0.3 0.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.3 0.0 0.0	1.3 0.5 0.8 1.7 2.0 0.6 0.2 1.7 2.0 0.6 0.2 1.7 1.6 1.6 1.5 1.6 1.5 1.6 0.1 0.7 0.2 0.9 0.1 0.7 2.8 0.9 0.1 0.7 2.8 0.2 0.0 0.2 0.2 0.0 0.2 0.2 0.0 0.2 0.2	-3 -2 -2 -2 -3 -1 -1 -2 -4 -8 -2 -2 -3 -1 -2 -4 -4 -8 -3 -1 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7	-1 3 4 7 6 4 4 11 23 15 19 8 3 25 19 8 3 25 19 8 3 25 11 44 4 4 4 4 4 4 4 4 4 5 10 1 1 7 7 0 1 1 -11 2 3 25 11 9 8 3 25 11 9 9 8 3 25 11 9 9 8 3 25 11 9 9 8 3 25 11 9 9 8 3 25 11 9 9 8 3 25 11 9 9 8 3 25 11 9 9 8 3 25 11 9 9 8 3 25 11 9 9 8 3 25 11 9 9 8 3 25 11 9 9 8 3 25 11 9 9 8 3 25 11 9 9 8 3 25 11 9 9 8 3 25 11 9 9 8 3 25 11 1 9 8 8 3 25 11 1 1 2 3 11 1 2 1 1 1 1 1 2 1 1 1 1 1
Nakas Nakas FISE 10:0 EuroStonos 50 EuroSton	19.307 7.397 7.238 85.4 7.59 7.397 7.238 85.4 7.59 7.597 7.238 7.45 7.597 7.238 7.597 7.59	0.2 0.6 0.6 0.4 0.1 0.7 0.3 0.4 0.1 0.7 0.4 0.4 0.1 0.0 0.4 0.0 0.1 0.3 0.0 0.0 0.1 0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.3 0.5 0.8 1.7 2.0 0.6 0.2 1.7 1.6 1.6 1.5 0.1 1.6 1.5 0.1 1.6 0.5 0.2 0.1 0.6 0.2 0.2 0.1 0.6 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	-3 -2 -2 -3 -2 -3 -2 -4 -2 -2 -4 -2 -2 -3 -1 -2 -2 -3 -1 -2 -2 -3 -1 -2 -2 -3 -3 -1 -2 -2 -3 -3 -2 -2 -1 -3 -2 -1 -2 -2 -1 -2 -2 -1 -2 -2 -3 -2 -2 -3 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	-1 3 4 7 6 4 11 23 15 19 8 3 25 19 8 3 25 -11 19 8 3 25 -11 19 8 3 25 -11 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 8 11 19 8 3 25 -11 19 8 3 25 -11 19 8 3 25 -11 19 8 3 25 -11 19 8 3 25 -11 19 8 3 25 -11 19 8 3 25 -11 19 8 3 25 -11 19 8 3 25 -11 19 8 3 25 -11 19 8 3 25 -11 19 8 3 25 -11 19 8 3 25 -11 19 8 3 25 -11 19 8 3 25 -11 19 8 3 25 -11 19 8 3 25 -11 19 8 3 25 -11 19 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Nokes FISE 10:0 EuroStook 50 Eu	19.307 7.397	0.2 0.6 0.6 0.4 0.1 0.7 0.3 0.4 0.1 1.1 0.0 0.4 0.4 0.4 0.4 0.4 0.4 0.5 0.4 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.4 0.4 0.5 0.6 0.4 0.5 0.6 0.4 0.5 0.6 0.4 0.5 0.4 0.4 0.1 0.7 0.3 0.4 0.4 0.1 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	1.3 0.5 0.6 0.6 0.2 0.6 0.2 1.7 1.6 3.6 1.7 1.5 0.1 1.5 0.1 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	-3 -2 -2 -2 -3 -3 -1 -1 -2 -4 -4 -7 -7 -6 -4 -8 -8 -7 -7 -6 -4 -8 -8 -9 -7 -7 -14 -7 -8 -8 -9 -7 -7 -4 -8 -8 -9 -7 -11 -1 -1 -1 -2 -2 -1 -1 -2 -2 -2 -2 -1 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	-1 -1 -1 -1 -1 -1 -1 -1 -1 -1
Nokes FISE 10:0 EuroStoros 50	19.307 7,397	0.2 0.6 0.6 0.4 0.1 0.7 0.3 0.4 0.1 0.3 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.5 0.4 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.4 0.6 0.6 0.4 0.6 0.6 0.4 0.5 0.6 0.4 0.4 0.1 0.7 0.3 0.4 0.4 0.4 0.1 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	1.3 0.5 0.6 0.6 0.2 1.7 1.0 0.6 0.2 1.7 1.5 1.5 1.5 0.1 1.5 0.1 1.5 0.1 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	-3 -2 -2 -2 -3 -3 -1 -1 -2 -4 -8 -2 -2 -3 -1 -1 -2 -4 -4 -8 -8 -7 -7 -6 -4 -4 -8 -8 -7 -7 -7 -6 -4 -4 -8 -8 -9 -7 -7 -1 -1 -1 -1 -1 -1 -2 -2 -1 -1 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	-1 -1 -1 -1 -1 -1 -1 -1 -1 -1
Nokes FISE 100 Erectores 50 Ere	19.307 7,397 3,448 10.125 10.25 11.2,907 2,5115 3,5115 2,5115 2,5115 2,5115 3,5115 3,5115 3,5115 3,5115 3,5115 3,5115 3,515 4,515 2,492 2,010 9,743 802 2,010 9,743 802 4,925 3,365 5,832 2,010 9,743 802 4,105 1,105 4,105 1,105 4,105 1,105 4,105 1,005 1,	0.2 0.6 0.6 0.4 0.1 0.7 0.3 0.4 0.1 0.1 0.3 0.4 0.1 0.1 0.3 0.4 0.1 0.1 0.3 0.4 0.1 0.1 0.3 0.4 0.1 0.1 0.3 0.4 0.1 0.1 0.3 0.4 0.1 0.1 0.3 0.4 0.1 0.1 0.3 0.4 0.1 0.3 0.4 0.1 0.3 0.4 0.1 0.3 0.4 0.1 0.3 0.4 0.1 0.3 0.4 0.1 0.3 0.4 0.1 0.3 0.4 0.1 0.3 0.4 0.1 0.3 0.4 0.1 0.3 0.4 0.4 0.1 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 0.5 0.6 1.7 2.0 0.6 0.2 1.7 1.6 1.5 0.6 0.2 1.7 1.6 0.6 0.2 1.7 1.6 0.6 0.2 0.1 1.7 0.6 0.2 0.1 1.7 0.6 0.6 0.2 0.6 0.6 0.2 0.6 0.6 0.2 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	-3 -2 -2 -2 -3 -3 -1 -2 -2 -4 -4 -8 -2 -2 -3 -1 -1 -2 -3 -1 -1 -2 -3 -1 -1 -2 -3 -3 -1 -1 -2 -2 -3 -3 -1 -1 -2 -2 -3 -3 -1 -1 -2 -2 -3 -3 -3 -3 -2 -3 -3 -2 -3 -3 -2 -2 -3 -3 -2 -2 -3 -3 -2 -2 -3 -3 -2 -2 -3 -3 -2 -2 -3 -3 -3 -2 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3	-1 -1 -1 -7 -6 -4 -1 -7 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1
Nokes FISE 10:0 EuroStorous 50 EuroS	19.307 7,397 3,448 10.125 10.125 11.2,907 21.5,115 21.5,1	0.2 0.6 0.6 0.4 0.7 0.7 0.7 0.3 0.4 0.1 0.7 0.3 0.4 0.1 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.3 0.5 0.6 1.7 2.0 0.6 0.2 1.7 1.6 1.5 0.6 0.2 1.7 1.6 0.5 0.1 1.7 0.6 0.2 0.1 1.7 0.6 0.2 0.1 1.7 0.6 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	-3 -2 -2 -2 -6 -0 -2 -1 -1 -2 -4 -4 -2 -2 -2 -4 -4 -8 -3 -1 -7 -6 -3 -1 -7 -7 -8 -8 -8 -9 -7 -14 -7 -8 -8 -9 -7 -14 -9 -9 -10 -9 -9 -10 -9 -10 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	-1 -1 -1 -7 -6 -4 -1 -7 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1
Nakas Nakas PSE 100 EveStores 50 EveStores 5	19.307 7,397 3,448 10.125 10.125 11.2,205 3,111 3,172 3,172 3,172 3,172 3,172 3,172 3,172 3,172 3,172 3,172 3,172 3,172 3,172 3,172 4,172 3,172 4,172,	0.2 0.6 0.6 0.4 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	1.3 0.5 0.6 1.7 2.0 0.6 0.2 1.7 1.6 1.5 1.5 1.5 1.5 0.6 0.2 1.7 1.6 0.6 0.2 0.1 1.5 1.5 0.6 0.2 0.1 1.5 0.6 0.2 0.6 0.2 0.6 0.2 0.6 0.2 0.6 0.2 0.6 0.2 0.6 0.2 0.6 0.2 0.6 0.2 0.6 0.2 0.6 0.0 0.6 0.2 0.6 0.0 0.6 0.2 0.6 0.0 0.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-3 -2 -2 -2 -6 -0 -2 -1 -1 -2 -4 -4 -2 -2 -3 -3 -1 -2 -4 -4 -2 -2 -3 -3 -1 -7 -6 -0 -2 -3 -3 -1 -2 -2 -4 -4 -8 -2 -2 -3 -3 -1 -2 -2 -3 -3 -3 -3 -3 -3 -3 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	-1 3 4 7 6 4 11 23 15 19 8 3 25 11 24 27 7 1 12 27 7 1 12 27 7 1 19 8 3 25 11 19 8 3 25 11 19 8 3 25 11 19 8 3 25 11 19 8 3 25 11 19 8 3 25 11 19 8 3 25 11 12 27 13 14 24 27 15 15 15 15 15 15 15 15 15 15
Nakas SANASAS SANASASASASASASASASASASASASASAS	19.307 7,397 3,448 10.125 10.125 11.2,205 3,111 3,172 3,172 3,172 3,172 3,172 3,172 3,172 3,172 3,172 3,172 3,172 3,172 3,172 3,172 4,172 3,172 4,172,	0.2 0.6 0.6 0.4 0.7 0.7 0.7 0.3 0.3 0.3 0.3 0.1 0.1 0.1 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	133 05 08 177 20 06 02 177 16 15 17 10 06 02 17 16 10 06 02 07 07 08 09 01 10 06 02 09 01 07 08 09 00 07 08 09 00 07 08 09 00 07 08 00 00 00 00 00 00 00 00 00 00 00 00	-3 -2 -2 -2 -6 -0 -2 -1 -1 -2 -4 -4 -2 -2 -2 -4 -4 -8 -3 -1 -7 -6 -3 -1 -7 -7 -8 -8 -8 -9 -7 -14 -7 -8 -8 -9 -7 -14 -9 -9 -10 -9 -9 -10 -9 -10 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	-1 -1 -1 -7 -6 -4 -1 -7 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1
Noke SESSION EXECTORS	19.307 7,397 3,448 10,125 12,295 8,111 8,3953 8,111 8,3953 8,4953 8,3953 8,495 8,4952 8,4952 8,4952 8,4952 8,4952 8,4952 8,4952 8,4952 8,4952 8,4952 8,4952 8,4952 8,4952 8,4952 8,4952 8,4952 8,495 8,4952 8	0.2 0.6 0.6 0.4 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	1.3 0.5 0.6 0.5 1.7 2.0 0.6 0.2 1.7 1.6 0.6 0.2 1.7 1.6 0.6 0.2 0.6 0.1 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	-3 -2 -2 -2 -6 -6 -0 -2 -1 -1 -2 -4 -8 -2 -2 -2 -4 -8 -8 -7 -7 -6 -4 -4 -8 -8 -8 -8 -8 -9 -7 -7 -7 -7 -4 -4 -8 -8 -9 -7 -1 -1 -1 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	-1 -1 -1 -1 -1 -1 -1 -1 -1 -1
Nakas SAASASASASASASASASASASASASASASASASASAS	19.307 7.397 3.448 7.397 3.448 8.3953 7.142 2.1723 811 8.3953 7.3412 2.027 7.3412 5.463 5.475	0.2 0.6 0.6 0.4 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	1.3 0.5 0.6 0.5 0.6 0.2 0.6 0.2 1.7 1.6 0.5 0.6 0.5 0.1 1.5 0.6 0.5 0.5 0.1 0.1 0.6 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	-3 -3 -2 -2 -2 -3 -1 -1 -2 -2 -4 -2 -2 -3 -1 -2 -2 -2 -3 -2 -2 -3 -3 -2 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3	-1 -1 -1 -1 -1 -1 -1 -1 -1 -1
Noke Selection S	19.307 7.397 3.448 7.397 3.448 8.3953 7.142 2.1723 811 8.3953 7.3412 2.027 7.3412 5.463 5.475	0.2 0.6 0.6 0.4 0.7 0.7 0.7 0.3 0.4 0.1 0.3 0.3 0.4 0.1 0.1 0.3 0.3 0.3 0.3 0.3 0.4 0.3 0.3 0.3 0.4 0.3 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.4 0.3 0.4 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 0.5 0.8 1.7 2.0 0.2 0.2 0.6 0.5 0.6 0.5 0.1 1.6 0.5 0.1 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	-3 -3 -2 -2 -2 -4 -1 -2 -4 -2 -2 -4 -2 -2 -4 -2 -2 -4 -2 -2 -3 -1 -2 -4 -4 -3 -3 -1 -7 -8 -4 -4 -8 -8 -7 -7 -7 -8 -4 -4 -7 -7 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	-1 -1 -1 -1 -1 -1 -1 -1 -1 -1
Noke SPSE 100 Erectores 50 Erec	19.307 19.307 3.448 2.397 3.448 3.468 8.3953 7.1410 8.3953 7.1410 8.3953 7.1410 8.3953 7.1410 8.3953 7.1410 8.3953 7.1410 8.3953 7.1410 8.3953 7.1410 8.3953 7.1410 8.3953 7.1410 8.3953 7.1410 8.2010 1.09,743 7.1410 8.22.8 7.1410 8.24 7.2410 8.24 7.2410 8.24 7.2410 8.24 7.2410 8.24 7.2410 8.24 7.2410 8.24 7.2410 8.24 7.2410 8.24 7.2410 8.24 7.2410 7.2410 8.24 7.24100 7.24100 7.24100 7.2	0.2 0.6 0.6 0.4 0.7 0.7 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 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	1.3.3 0.5 0.6 0.6 1.7 2.0.0 0.6 0.6 1.7 0.6 1.6 1.6 1.6 1.5 1.6 0.1 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-3 -3 -2 -2 -2 -3 -3 -3 -3 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	-1 -1 -3 -4 -7 -6 -4 -1 -1 -1 -1 -2 -7 -0 -1 -1 -2 -7 -0 -1 -1 -2 -7 -0 -1 -1 -2 -7 -0 -1 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
Nakai Fise Tuo? Fise Tuo? Fise Tuo? Fise Tuo? CAC and a set of the set o	19.337 7.339 7.339 7.339 7.339 7.339 7.339 7.339 7.339 7.339 7.330 7.330 7.33412 7.334	0.2 0.6 0.6 0.4 0.7 0.7 0.7 0.7 0.7 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	1.3.3 0.5 0.8 0.5 0.5 0.5 0.5 0.5 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	-3 -3 -2 -2 -2 -3 -2 -2 -3 -3 -2 -4 -4 -8 -2 -2 -3 -3 -1 -1 -2 -4 -4 -3 -3 -7 -6 -4 -4 -8 -8 -9 -7 -7 -6 -4 -8 -8 -9 -7 -7 -7 -6 -4 -4 -8 -8 -9 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7	-1 -1 -3 -4 -7 -7 -7 -6 -1 -1 -1 -1 -1 -2 -7 -7 -1 -1 -1 -2 -7 -7 -1 -1 -1 -2 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7
Noke FSE 100 FSE 100 FSE 100 FSE 100 FSE 100 ROP	19.307 7.397 7.397 7.397 7.397 7.397 7.107 7.107 8.117 7.107 8.117 7.107 8.117 7.107 8.118 8.146 6.2492 2.2010 1109.743 7.2010 109.743 109.745 109.	0.2 0.6 0.6 0.4 0.7 0.7 0.7 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	1.3 0.5 0.5 0.5 1.7 2.0 0.5 1.7 2.0 0.5 1.7 2.0 0.2 1.7 0.5 0.1 0.5 0.2 0.1 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	-3 -3 -2 -2 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3	-1 -1 -1 -1 -1 -1 -1 -1 -1 -1
Noke SPSE 100 Erectores 50 Erec	19.307 7.397 3.448 7.397 5.115 5.115 8.11 7.34200 7.3420 7.3400 7.3420 7.3400 7.3420 7.34000 7.34000 7.34000 7.340000 7.340000 7.340	0.2 0.6 0.6 0.4 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	1-13 0.5 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	-3 -3 -2 -2 -2 -2 -3 -2 -4 -4 -2 -2 -4 -8 -2 -2 -3 -3 -1 -1 -7 -6 -4 -4 -3 -7 -7 -6 -4 -4 -8 -8 -9 -7 -7 -6 -4 -8 -9 -7 -7 -6 -4 -4 -8 -9 -7 -1 -1 -1 -7 -7 -4 -4 -2 -2 -2 -2 -4 -4 -2 -2 -2 -4 -4 -2 -2 -2 -4 -4 -2 -2 -2 -4 -4 -2 -2 -2 -4 -4 -2 -2 -2 -3 -3 -1 -7 -7 -7 -6 -4 -4 -2 -2 -2 -3 -3 -1 -7 -7 -6 -6 -4 -4 -7 -7 -7 -6 -6 -4 -4 -7 -7 -7 -6 -6 -4 -4 -7 -7 -7 -6 -6 -4 -4 -7 -7 -7 -7 -6 -6 -4 -4 -7 -7 -7 -7 -6 -6 -4 -4 -7 -7 -7 -7 -6 -6 -4 -4 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7	-1 -1 -1 -1 -1 -1 -1 -1 -1 -1
Nakai FSE 100 - SES FSE 100 - SES FSE 100 - SES FSE 100 - SES FSE 100 - SES ASS ATEURS - SES Markai - SES Markai - SES FSE 10 - SES	19.397 7,397 301 22,297 5,115 5,122 5,122 5,145 5,145 5,146 2,492 2,292	0.2 0.6 0.6 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.4 0.7 0.7 0.4 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	1-13 0-5 0-5 0-5 0-5 0-2 0-2 0-2 0-2 0-2 0-2 0-2 1-7 0-2 0-2 0-2 0-2 0-2 0-2 0-2 0-2 0-2 0-2	-3 -3 -2 -2 -2 -3 -3 -4 -4 -4 -4 -2 -2 -3 -1 -2 -2 -3 -1 -2 -2 -3 -1 -2 -2 -3 -1 -2 -2 -3 -1 -2 -2 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4	-1 -3 -3 -4 -7 -7 -6 -6 -4 -1 -1 -1 -1 -2 -3 -1 -1 -1 -1 -1 -1 -1 -2 -2 -1 -1 -1 -2 -2 -1 -1 -2 -2 -2 -1 -1 -2 -2 -2 -1 -1 -2 -2 -2 -1 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
Nakas SANASASASASASASASASASASASASASASASASASAS	19.337 7.339 7.349 7.349 7.349 7.349 7.349 7.349 7.349 7.340	0.2 0.6 0.6 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.4 0.1 0.1 0.0 0.4 0.1 0.1 0.0 0.2 0.2 0.1 0.1 0.0 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	1-13 0-5 0-5 0-5 0-5 0-5 0-5 0-5 0-5 0-5 0-5	-3 -3 -2 -2 -3 -3 -2 -3 -4 -4 -4 -2 -2 -4 -4 -3 -3 -1 -2 -4 -4 -3 -7 -7 -7 -6 -4 -4 -4 -8 -9 -7 -7 -7 -6 -4 -4 -4 -8 -9 -7 -7 -6 -4 -4 -4 -4 -2 -2 -2 -4 -4 -4 -2 -2 -2 -4 -4 -4 -4 -2 -2 -2 -4 -4 -4 -2 -2 -2 -4 -4 -4 -2 -2 -2 -4 -4 -4 -2 -2 -2 -3 -3 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7	-1 -3 -3 -4 -7 -7 -6 -4 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1
Nakei FSE 100 FSE 100 FSE 100 FSE 100 FSE 100 ROP	19.307 19.307 3.448 3.448 2.307 5.115 5.115 5.122 5.115 5.186 6.2492 2.010 109.743 5.186 6.2492 2.010 109.743 3.3652 2.010 109.743 3.3652 2.010 109.743 3.3652 2.010 109.743 3.3652 2.010 109.743 3.3652 2.010 109.743 3.3652 2.010 109.743 3.3652 2.010 109.743 3.3652 2.010 109.743 3.3652 2.010 109.743 3.3652 2.010 109.743 3.3652 2.010 109.743 3.3652 2.010 109.743 3.3652 2.010 109.743 3.3652 2.010 109.743 3.3652 2.010 109.743 3.3652 2.010 109.743 1.4.6 1.4.6 1.4.6 5.3 7.2 1.6.7 1.7.7 7.7 7.7 7.7 7.7 7.7 7.7	0.2 0.6 0.6 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	1-13 0-5 0-8 0-5 0-6 0-2 0-2 0-2 0-2 0-2 0-2 0-2 0-2 0-2 0-2	-3 -3 -2 -2 -2 -3 -2 -2 -3 -4 -4 -2 -2 -3 -1 -4 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3	$\begin{array}{c} -1 \\ -1 \\ 3 \\ -3 \\ -1 \\ -2 \\ -1 \\ -2 \\ -2 \\ -2 \\ -2 \\ -2$
Noise TSE 100 Exectors 50 ESE 100 Exectors 50 ESE 100 SC 1	19.307 19.307 3.4485 3.4485 1.2207 5.115 8.11 8.3053 7.3420 8.3053 7.3420 2.4922 2.1223 8.11 1.9,743 2.492 2.492 2.2010 109,743 2.492 2.2010 109,743 2.492 2.2010 109,743 2.492 2.2010 109,743 2.492 2.2010 109,743 2.492 2.2010 109,743 2.492 2.2010 109,743 2.492 2.2010 109,743 2.492 2.2010 109,743 2.492 1.45 1.47 1.77 7.73 3.00 1.00 2.00 1.	0.2 0.6 0.6 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	1-33 0-5 0-5 0-5 0-5 0-5 0-5 0-5 0-5 0-5 0-5	-3 -3 -2 -2 -2 -3 -2 -2 -3 -2 -2 -2 -2 -3 -1 -2 -2 -2 -2 -2 -2 -2 -3 -1 -2 -2 -2 -2 -3 -1 -2 -2 -2 -2 -3 -1 -2 -2 -2 -3 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	-1 -3 -3 -4 -7 -7 -7 -7 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1
Notes Series Constraints of Constrai	19.337 7.339 7.339 7.339 7.339 7.339 7.339 7.339 7.339 7.339 7.339 7.330 7.3412 7.3413	0.2 0.6 0.6 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	1-13 0-5 0-5 0-5 0-7 0-7 0-7 0-7 0-7 0-7 0-7 0-7	-3 -3 -2 -2 -2 -2 -3 -2 -4 -4 -4 -4 -4 -4 -4 -4 -3 -3 -1 -7 -7 -4 -4 -4 -3 -3 -7 -6 -4 -4 -8 -8 -9 -7 -7 -6 -4 -8 -9 -7 -7 -7 -8 -8 -9 -7 -7 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	-1 -3 -3 -4 -7 -6 -6 -4 -1 -1 -1 -2 -2 -7 -6 -4 -1 -1 -1 -2 -2 -7 -1 -1 -1 -2 -2 -7 -1 -1 -2 -2 -2 -1 -1 -1 -2 -2 -2 -2 -1 -1 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
Nakas SANASAS SANASASASASASASASASASASASASASAS	19.337 7.339 7.339 7.339 7.339 7.339 7.339 7.339 7.342 7.342 7.342 7.342 7.342 7.342 7.342 7.342 7.342 7.342 7.342 7.342 7.342 7.3447 7.34477 7.34477 7.344777 7.3447777777777	0.2 0.6 0.6 0.6 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	1.3.3 0.5 0.6 0.5 0.6 0.5 0.6 0.2 0.0 0.2 0.0 0.2 1.7 0.0 0.2 0.2 0.2 0.2 1.7 0.2 0.2 0.2 1.7 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	.3 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2	$\begin{array}{c} -1 \\ -1 \\ 3 \\ -3 \\ -3 \\ -7 \\ -7 \\ -7 \\ -7 \\ -7 $
Nakei FSE 100 Erestinou FSE 100 Erestinou FSE 100 BOR ROM Mail Mail Mail Mail Borger Borger Borger Mail Borger Borger Borger Pater Borger Cit Borger Cit Borger Cit Borger Cit Borger Cit Borger Cit Borger	19.397 19.397 3.448 1.397 3.448 3.468 1.2297 5.115 8.11 1.2297 5.115 8.11 1.2297 5.122 8.11 1.2297 5.122 8.11 1.2297 5.122 8.11 1.2297 1.2297 5.129 5.120 8.291 1.2297 1.2297 1.2297 5.129 8.3953 2.492 2.492 1.2297 1.2397 1.2497	0.2 0.6 0.6 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	1-13 0-5 0-5 0-5 0-5 0-5 0-5 0-5 0-5 0-5 0-5	-3 -3 -2 -2 -2 -3 -2 -3 -3 -4 -4 -4 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3	-1 -3 -3 -4 -7 -6 -6 -4 -1 -1 -2 -7 -6 -6 -6 -1 -1 -2 -2 -7 -0 -2 -7 -0 -2 -7 -0 -2 -7 -0 -2 -7 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
Nakai FISE 100 FISE 100 FISE 100 FISE 100 FISE 100 FISE 100 FISE 100 ACA CAC CAC CAC CAC CAC CAC C	19.307 7.397	0.2 0.2 0.6 0.6 0.6 0.6 0.7 0.3 0.7 0.3 0.4 0.7 0.3 0.4 0.4 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1-13 0-5 0-6 0-5 0-7 0-7 0-7 0-7 0-7 0-7 0-7 0-7	.3 .3 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2	$\begin{array}{c} -1 \\ 3 \\ 4 \\ 7 \\ 6 \\ 8 \\ 7 \\ 6 \\ 8 \\ 7 \\ 7 \\ 11 \\ 12 \\ 15 \\ 19 \\ 10 \\ 10 \\ 10 \\ 10 \\ 10 \\ 10 \\ 10$
Nakas SANA SANA SANA SANA SANA SANA SANA SANA	19.307 7.397 7.397 7.397 7.397 7.397 7.397 7.397 8.11 7.397 7.223 7.397 7.23 7.23 7.23 7.23 7.23 7.23 7.23 7.2	0.2 0.6 0.6 0.6 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	1.3.3 0.5 0.6 0.5 0.6 0.7 0.7 0.0 0.2 0.2 0.2 0.2 0.2 0.2 0.2	-3 -3 -2 -2 -2 -3 -2 -3 -2 -4 -4 -4 -3 -3 -1 -2 -2 -4 -4 -3 -3 -1 -7 -7 -6 -4 -4 -4 -3 -3 -1 -7 -7 -6 -4 -4 -8 -9 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7	-1 -1 -1 -1 -1 -1 -1 -1 -1 -1
Nakai FISE 100 FISE 100 FISE 100 FISE 100 FISE 100 FISE 100 FISE 100 ACA CAC CAC CAC CAC CAC CAC C	19.307 7.397 7.397 7.397 7.397 7.397 7.397 7.397 7.397 7.397 7.397 7.397 7.397 7.397 7.3472 7.3	0.2 0.6 0.6 0.6 0.6 0.7 0.3 0.7 0.3 0.4 0.7 0.3 0.4 0.7 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	1-13 0-5 0-5 0-5 0-5 0-5 0-5 0-5 0-5 0-5 0-5	-3 -3 -2 -2 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3	$\begin{array}{c} -1 \\ 3 \\ 4 \\ 7 \\ 6 \\ 8 \\ 7 \\ 6 \\ 8 \\ 7 \\ 7 \\ 11 \\ 12 \\ 15 \\ 19 \\ 10 \\ 10 \\ 10 \\ 10 \\ 10 \\ 10 \\ 10$

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