

Market Comment | Markets steady at the start of the week

Global Financial Markets Unit 31 Jul 2017

- Financial markets were steady at the start of the week. However, a mild increase in equity volatility was noted, as geopolitical tensions in the Korean Peninsula heightened, after North Korea test-fired an intercontinental ballistic missile late on Friday (see).
- The euro extended its appreciation (close to the USD 1.18 level, supported by positive economic figures and the ongoing weakness of the US dollar. Euro zone preliminary inflation figures remained stable at 1.3% YoY in July, as expected, although core inflation increased slightly more than expected (+0.1pp to 1.3% YoY) (see). Moreover, the unemployment rate declined to its lowest level since 2009. These figures may give the ECB more grounds for changing its monetary policy stance in the autumn.
- Bond and stock prices were little changed across the board, although peripheral risk premiums slightly narrowed. Also, the euro's strength weighed slightly on European stocks, and US equities mildly outperformed. Meanwhile, commodity prices increased after China's upbeat construction data. Nonetheless, China's NBS PMI data showed a slightly lower-than-expected figure in July (see).
- Stanley Fischer aligned with a gradual tightening path. The natural rate of interest has declined since the crisis; according to some econometric models it is currently around 0.5% in the US and broadly zero in the euro zone. From the point of view of the monetary policy makers, Mr. Fischer suggested that a transparent and sound monetary policy can boost confidence in the stability of the growth outlook, encouraging investment and pushing up the equilibrium rate (see)
- Although oil prices breached the \$50 level, they inched down, awaiting more signals of oil supply glut reduction. Meanwhile, EM currencies showed a mixed performance. The RUB showed the largest depreciation, weighed down by US sanctions (see).

Update 18 CET 31 July, 2017 Table 1



D ebt markets	(10Y. %, ch	anges in t	(O)		
Developed Markets US (2-yr)	level 1,34	Daily -0.4	Week -1.4	Month -3	YYD 13
US GER (2-yr)	2.29	0.0	3.4	-12	-15 9
Germany France	0.54	0.1	3.5 5.2	9	19 -1
Spain	1.50	-2.5	1.5	-3 -6	-1
Italy Portugal	2.88	-2.8 -4.5 2.2	3.9 -2.3	-15	-129 -149
Greece Japan (2-yr)	5.40 -0.11 0.08	0.1 1.1	14.3 0.4	0	-149
Japan Emerging Markets	level	Daily	2.0 Weekly	2 Monthly	YTD
Brazil Chile	10.00 4.29	-1.0 -0.4	-5.2 -1.2	-63 15	-141 -3
Colombia Mexico	6.80 6.87	-3.9 0.4	3.2 1.0	38 14	-30 -77 -109
Peru Poland	5.38 3.36	0.1 3.2	-2.6 9.3	0	-109 -35
Russia Turkey	7.86 10.34	-0.7 -1.0	-8.1 4.0	6	-59 -66
India Indonesia	6.47	0.6	5.5 1.9	-4 12	-89
Country ris	k (bp. chang	es in bp)			
Developed Markets 10-yr so vereign spread vs Germany	level		Weekly	Monthly	YTD
France Italy	26 155	-0.5 -2.9	1.7 0.4	-10 -15	-20 3
Portugal Spain	234 96	-4.6 -2.6	-5.8 -2.0	-24 -12	-121 -12
2-yr so vereign spread vs Germany	24				
France Italy	48	-2.5 0.9	-0.9 3.4	4	13 -13
Portugal Spain	80 37	-1.3 -3.0	5.9 -3.6	7 6	-66 -12
Emerging Markets 5-yr sovereign CDS*	level	Daily	Weekly	Monthly	YTD
Brazil	211	-2.4	2	-25	-61
Chile Colombia	66 128	-1.2 -2.2	-3	-3	-16 -35
Mexico Peru	103 83	-2.3 -0.8	-3 -1	-8 -2	-54 -25
Venezuela Poland	5,541 58	116.3	827	1239	1636 -18
Russia	162	2.2	2	-6	-18 -14 -91
Turkey China	181 64	0.7 0.8	-2	-9 -6	-52
India Indonesia	81 111	-0.3 0.6	-3 -4	-9 -5	-46 -45
Ris Volatilty indicators (%)		Daily		Monthly	YTD
VIX	11	2.0	Weekly 11	-8	-4
VSTOXX EM EFT volatility Index	14 15	1.2 1.9	-8 1	-21 -13	-3 -26
Dollar/euro volatility EM FX volatility index	8	1.9 1.5	12 0	-6 -1	-28 -32
Credit spread (BAA) (bps)	206 49	0.0	0	-5 -11	-21 -36
US bonds volatifity index Banking 5 y CDS (bps) *	level	Daily	Weekly	Monthly	YTD
US EZ	53 52	-0.1 0.7	0	-8	-19 -56
UK Large Spanish	45 50	0.4	0	5 -8	-45 -67
Medium Spanish	93	1.6	-2	-8	-58
Corporate 5y CDS (bps) * US Non-financial	134	Daily -0.1	Weekly	Monthly 0	YTD -19
EZ Non-financial UK Non-financial	74 107	0.7	1	-8 -7	-56 -18
Interbank mar	kets (%, ch	inges in b)		
EONIA Index	-0.36	0.00	0.0	Monthly 0.0	0.0
Euribor 3m Euribor 12m	-0.33 -0.15	0.00	0.0	0.0	0.0 -0.1
Libor 3m	1.31	0.00	0.0	0.0	0.3
Libor 12m	k markets (0.0	0.0	0.0
				Monthly	YTD
Wall indices	level	Daily	weekiy		
Main indices S&P500 Dow lones	2.473 21.909	0.0 0.4	0.1	2	9
S&P500 Dow Jones Nikkei	21.909 19,925	0.0 0.4 -0.2	0.1 1.8 -0.3	2 3 -1	9 10 2
S&P500 Dow Jones Nikkei FTSE 100 EuroStoxx 50	21.909 19,925 7,372 3,449	0.0 0.4 -0.2 0.0 -0.5	0.1 1.8 -0.3 -0.1 -0.1	2 3 -1 0	9 10 2 3 4
S&P500 Dow Jones Nilded FTSE 100 EuroStoxx 50 IBBX DAX	21.909 19.925 7,372 3,449 10,502	0.0 0.4 -0.2 0.0 -0.5 -0.3 -0.4	0.1 1.8 -0.3 -0.1 -0.1 0.5 -0.7	2 3 -1 0 -1 0 -2	9 10 2 3 4 11 5
S&P500 Dow Jones Nilded FTSE 100 EuroStoxx 50 IBEX	21.909 19,925 7,372 3,449	0.0 0.4 -0.2 0.0 -0.5 -0.3	0.1 1.8 -0.3 -0.1 -0.1 0.5	2 3 -1 0 -1	9 10 2 3 4 11
S.6.P500 Dow Jones Nikeel FTSE 100 EuroStoxx 50 IBEX DAX CAC MIB ASE Athens	21,909 19,925 7,372 3,449 10,502 12,118 5,094 21,487 812	0.0 0.4 -0.2 0.0 -0.5 -0.3 -0.4 -0.7 0.3 -1.0	0.1 1.8 -0.3 -0.1 -0.1 0.5 -0.7 -0.7 0.8 -4.3	2 3 -1 0 -1 0 -2 -1 4 -1	9 10 2 3 4 11 5 4 9
S&P500 Dow Jones Nikkel FTSE 100 EuroStoxx 50 IBEX DAX CAC MIB ASE Athens MSCI Latam* blovepag (flazib)	21,909 19,925 7,372 3,449 10,502 12,118 5,094 21,487 812 79,143 65,756	0.0 0.4 -0.2 0.0 -0.5 -0.3 -0.4 -0.7 0.3 -1.0 0.3 0.4	0.1 1.8 -0.3 -0.1 -0.1 0.5 -0.7 -0.7 0.8 -4.3 0.8 1.0	2 3 -1 0 -1 0 -2 -1 4 -1 5	9 10 2 3 4 11 5 4 9 24 8 7
SAPSOO Dowl dross Niked FTFSE 100 EuroStoxx 50 BIBEX DAX CAC MIB ASSEAMENS MSCI Latam* Blovorepa (Brazil) Mobol MoSCI DI Europe*	21,909 19,925 7,372 3,449 10,502 12,118 5,094 21,487 812 79,143 65,756 51,040 4,968	0.0 0.4 -0.2 0.0 -0.5 -0.3 -0.4 -0.7 0.3 -1.0 0.3 0.4 -0.3 -0.6	0.1 1.8 -0.3 -0.1 -0.1 0.5 -0.7 -0.7 0.8 -4.3 0.8 1.0 -1.2 -0.2	2 3 -1 0 -1 0 -2 -1 4 -1 5 6 4 2	9 10 2 3 4 11 5 4 9 24 8 7 10
\$6P\$00 Dowl Jones Naked FFEST 100 Eard Stance 50 Ea	21,909 19,925 7,372 3,449 10,502 12,118 5,094 21,487 812 79,143 65,756 51,040 4,968 2,374 1,920	0.0 0.4 -0.2 0.0 -0.5 -0.3 -0.4 -0.7 0.3 -1.0 0.3 -0.4 -0.3 -0.6 0.6 0.1	0.1 1.8 -0.3 -0.1 -0.1 0.5 -0.7 -0.7 0.8 -4.3 0.8 1.0 -1.2 -0.2 1.7	2 3 -1 0 -1 0 -2 -1 4 -1 5 6 4 2 2 2	9 10 2 3 4 11 5 4 9 24 8 7 10 -2 19 -15
\$6P\$00 Dowl Jones Naked FFEST 100 Eard Stance 50 Ea	21,909 19,925 7,372 3,449 10,502 12,118 5,094 21,487 812 79,143 65,756 51,040 4,968 2,374 1,920 107,531	0.0 0.4 -0.2 0.0 -0.5 -0.3 -0.4 -0.7 0.3 -1.0 0.3 0.4 -0.3 -0.6 0.6 0.1 -0.2	0.1 1.8 -0.3 -0.1 -0.1 0.5 -0.7 -0.7 0.8 -4.3 0.8 1.0 -1.2 -0.2 1.7 -0.6 0.8	2 3 -1 0 -1 0 -2 -1 4 -1 5 6 4 2 2	9 10 2 3 4 11 5 4 9 24 8 7 10 -2 19 -15
SAPPBO Down Jones Noted: Noted: Noted: Down Jones Noted: Down Jones Noted: DOX CAC MISTA M	21,909 19,925 7,372 3,449 10,502 12,118 5,094 21,487 812 79,143 65,756 51,004 4,968 2,374 1,920 107,531 83,273	0.0 0.4 -0.2 0.0 -0.5 -0.3 -0.4 -0.7 -0.3 -1.0 0.3 -0.6 0.6 0.1 -0.2 -0.6 0.6 0.6	0.1 1.8 -0.3 -0.1 -0.1 0.5 -0.7 -0.8 -4.3 0.8 1.0 -1.2 -0.2 1.7 -0.6 0.8	2 3 -1 0 -1 0 -2 -1 4 -1 5 6 4 2 2 2 7 4 3	9 10 2 3 4 11 5 4 9 24 8 7 10 -2 19 -15 41 23 4
\$6P500 Dowl Jones Noted FFEST 100 DW Jones Noted DW JONES DW JW	21,909 19,925 7,372 3,449 10,502 12,118 5,094 21,487 812 79,143 65,756 51,040 4,968 2,374 1,920 107,531 854 3,273 5,273 5,274 1,944	0.0 0.4 -0.2 0.0 -0.5 -0.3 -0.4 -0.7 0.3 -1.0 0.3 -0.6 0.6 0.1 -0.2 -0.6 0.6 0.1 -0.2 -0.6 0.4 -0.7 -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 -0.5 -0.5 -0.4 -0.5 -0.5 -0.5 -0.4 -0.5	0.1 1.8 -0.3 -0.1 -0.1 0.5 -0.7 -0.7 0.8 -4.3 0.8 1.0 -1.2 -0.2 1.7 -0.6 0.8 0.2 0.7 1.3	2 3 -1 0 -1 0 -2 -1 4 -1 5 6 4 2 2 2 7 4	9 10 2 3 4 11 5 4 9 24 8 7 10 -2 19 -15 41 23 4
\$4000 Down Jones Noted Noted FFSE 100 DAY DAY CAC CAC DAY MOST Latinus	21,909 19,925 7,372 3,449 10,502 12,118 5,094 21,487 812 79,143 65,756 51,040 107,531 854 3,273 3,273 5,841 level 124,1 91,8	0.0 0.4 -0.2 0.0 -0.5 -0.3 -0.4 -0.7 0.3 -0.4 -0.3 -0.6 0.6 0.1 -0.2 -0.6 0.6 0.4 -0.7 -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 -0.5 -0.3 -0.4 -0.5 -0.3 -0.4 -0.5 -0.3 -0.4 -0.5 -0	0.1 1.8 -0.3 -0.1 -0.1 0.5 -0.7 -0.7 0.8 -4.3 0.8 1.0 -1.2 -0.2 1.7 -0.6 0.8 0.2 0.7 1.3 Weekly 1.5 0.5	2 3 -1 0 -1 0 -2 -1 4 -1 5 6 4 4 2 2 2 7 4 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 10 2 3 4 11 5 4 9 24 8 7 10 -2 15 41 23 4 11 11 3 4 11 11 3 4 11 11 11 11 11 11 11 11 11 11 11 11 1
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SAPPBO Down Jones Noted Noted FFEST 100 DAY CAC CAC DAY MBI MSC Laten MSC La	21,909 19,925 7,372 3,449 10,502 12,118 5,094 21,487 812 79,143 65,756 51,040 4,968 2,374 1,920 107,531 1evel 124,1 91.8 67,9 124,1 91.8 67,9 125,6 115,6 65,6 115,6 65,6 115,6	0.0 0.4 0.2 0.0 0.4 0.5 0.3 0.5 0.1 0.0 0.5 0.1 0.0 0.5 0.1 0.5 0.5 0.1 0.0 0.5 0.5 0.0 0.5 0.5 0.0 0.5 0.5 0.1 0.0 0.5 0.5 0.5 0.0 0.5 0.5 0.5 0.5 0.5	0.1 1.8 -0.3 -0.1 1.0 -0.7 -0.7 -0.7 -0.8 -0.9 -0.7 -0.6 -0.7 -0.6 -0.8 -0.2 -0.7 -0.6 -0.8 -0.2 -0.7 -0.6 -0.8 -0.2 -0.7 -0.6 -0.8 -0.2 -0.7 -1.3 -1.3 -1.3 -1.3 -1.1 -1.7 -2.5 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3	2 3 3 -1 0 0 -1 0 0 -2 -1 1 4 -1 1 5 6 6 4 2 2 2 7 7 4 3 3 0 0 Morthly 1 1 1 1 4 0 0 3 3 3 4 4 -5 4	9 10 2 3 4 11 15 4 9 24 8 7 10 -2 11 23 4 11 11 YTD 3 6 11 15 7 -8 10 4 21 -7 14
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SAPPBO Down Jones Noted Noted FFSST 100 DAY CAC CAC BIEX DAY CAC CAC BIEX ASE Alteres MOST Latan MO	21,909 7,327 3,449 10,502 12,118 6,509 42,1,407 7,914 3,273 3,273 3,273 3,273 3,273 4,968 8,2,374 124,1 1918 854 1,920 115,56 6,56 6,79 6,79 6,79 6,79 6,79 6,79 6,79 6,7	0.0 0.4 0.2 0.0 0.3 1.0 0.3 0.4 0.3 0.6 0.6 0.6 0.4 0.3 0.3 0.5 0.7 0.5 0.8 0.6 0.6 0.6 0.6 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	0.1 1.8 -0.3 -0.1 0.5 -0.7 -0.7 -0.7 -0.8 4.3 0.8 4.3 0.8 -1.0 -1.2 -1.7 -0.6 0.8 0.2 0.7 -1.3 -1.3 -1.3 -1.1 -1.7 -1.7 -1.7 -1.7 -1.7 -1.7 -1.7	2 3 -1 0 -1 0 0 -2 -1 1 5 6 4 4 2 2 2 7 4 4 3 0 0 1 1 1 1 1 -1 4 5 5 2 0 0 1 6 6	9 10 2 3 4 11 5 4 9 24 8 7 10 2 19 11 11 11 11 11 11 5 8 11 11 17 8 10 4 11 17 10 4 11 17 10 10 11 11 15 10 11 11 15 11 11 11 11 11 11 11 11 11 11
SAPPOO DOWN Jones Noted	2.19.09 19.925 7.372 19.925 7.372 10.592 10.	0.0 0.4 0.2 0.0 0.0 0.3 0.4 0.3 0.6 0.6 0.6 0.4 0.3 0.3 0.4 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.7 0.5 0.8 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0.1 1.8 0.3 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.5 0.7 0.7 0.7 0.7 0.7 0.8 4.3 1.0 0.8 1.0 0.8 1.0 0.8 1.0 0.8 1.0 0.8 1.0 0.8 1.0 0.8 1.0 0.8 0.8 1.0 0.8 0.8 1.0 0.8 0.8 1.0 0.8 0.8 1.0 0.8 0.8 0.8 1.0 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0	2 3 -1 0 -1 0 -2 -1 -1 5 6 4 2 2 2 7 4 3 3 0 Monthly 1 1 1 -1 4 0 3 3 3 4 4 -5 2 0 1 1 6 6 -2 -1 -1 -1 6 6 -2 -1 -1 -1 6 6 -2 -1 -1 -1 6 6 -2 -1 -1 -1 -1 6 6 -2 -1 -1 -1 -1 6 6 -2 -1 -1 -1 -1 6 -2 -1 -1 -1 -1 6 6 -2 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	9 10 2 3 4 11 1 5 4 9 24 8 8 7 10 2 2 1 13 6 6 11 1 5 3 1 19 2 1 15 3 6 6 1 1 1 1 5 6 1 1 1 1 1 1 1 1 1 1 1 1
SAPPBO DOWN Jones Noted Noted Noted DOWN Jones Noted DOWN JONES NOTED DAX CAC CAC CAC CAC CAC CAC CAC CAC CAC C	2.19.09 10.502 7.372 10.502 7.372 10.502 7.372 10.502 7.372 812 7.9143 65.756 65.756 65.756 10.751 854 11.920 10.7531 854 11.920 10.7531 854 11.920 10.7531 854 11.920 10.7531 854 11.920 10.7531 854 11.920 10.7531 854 11.920 10.7531 854 11.920 10.7531 854 11.920 10.7531 854 11.920 10.7531 854 11.920 10.7531 854 11.920 10.7531 854 11.920 10.7531 854 11.920 10.7531 854 10.7531 854 10.7531 854 10.7531 855 10.7531 856 10.7531 857 10.7531 8	0.0 0.4 0.2 0.5 0.3 0.4 0.7 0.5 0.6 0.1 0.0 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.8 0.7 0.7 0.5 0.8 0.7 0.7 0.5 0.8 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0.1 1.8 -0.3 -0.1 -0.1 0.5 -0.7 -0.7 -0.7 -0.7 -0.7 -0.8 1.0 0.8 1.0 0.8 1.0 0.6 0.8 1.0 0.2 0.7 1.3 0.5 2.8 1.0 0.0 0.0 2.5 1.3 2.1 1.7 2.1 1.7 2.1 1.7 2.7 2.7 1.1 1.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2	2 3 3 -1 0 0 -1 1 0 0 -2 -1 1 5 6 4 4 2 2 2 7 7 4 3 3 0 1 1 1 1 -1 4 4 0 3 3 3 4 4 -5 5 2 0 0 1 6 6 -2 -1 -2 1 1	9 10 2 3 4 11 1 1 5 4 9 24 8 8 7 10 2 2 1 1 1 2 3 4 1 1 1 1 5 7 7 8 1 1 1 1 5 7 7 8 1 1 1 1 1 5 7 7 1 1 1 1 5 1 1 3 3 6 1 1 1 1 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPPBO Down Jones Noted Noted Noted Down Jones Noted Down Jones Noted Down Jones Noted Down Jones Down MSC Latan ** Bowcepa (Brazz) Model	21,909 10,502 7,372 10,502 10,	0.0 0.4 0.2 0.0 0.0 0.5 0.3 0.4 0.6 0.6 0.6 0.4 0.5 0.7 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0.1 1.8 0.3 0.1 1.8 0.3 0.1 1.0.1 0.5 0.7 0.7 0.7 0.7 0.8 1.0 0.8 1.0 0.2 0.2 1.1 1.5 1.5 1.3 1.0 0.7 1.1 1.2 1.2 1.3 1.0 1.3 1.0 1.0 1.3 1.0 1.0 1.3 1.0 1.0 1.3 1.0 1.0 1.3 1.0 1.0 1.3 1.0 1.0 1.3 1.0 1.0 1.3 1.0 1.0 1.3 1.0 1.0 1.3 1.0 1.3 1.3 1.0 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	2 3 4 1 0 0 1 1 1 0 0 2 1 1 1 1 1 1 1 1 1 1 1	9 10 2 3 4 4 11 5 4 9 24 8 8 7 7 10 10 2 2 14 11 5 5 7 8 8 11 1 5 7 7 8 10 10 10 10 10 10 10 10 10 10 10 10 10
SAPPBO Down Jones Noted	2.19.09 10.502 7.372 10.502 10	0.0 0.4 0.2 0.5 0.6 0.1 0.2 0.6 0.6 0.1 0.2 0.6 0.6 0.4 0.7 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0.1 1.8 0.3 0.1 0.1 1.8 0.3 1.0 0.1 0.1 0.1 0.5 0.7 0.7 0.8 4.3 0.8 1.0 0.2 0.2 0.2 1.7 0.6 0.8 0.2 0.7 1.3 1.7 0.6 0.8 0.2 1.7 1.7 0.6 0.8 0.2 1.0 0.7 1.3 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	2 3 3 -1 0 -1 0 0 -2 1 -1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9 10 2 3 4 4 11 5 4 9 9 24 8 7 7 100 2 2 13 6 6 11 15 5 7 7 8 8 10 10 11 15 5 7 14 15 5 13 19 2 13 16 6 14 18 18 13 13
SAPPBO Down Jones Noted Noted Noted Noted Down Jones Noted Down Jones Noted Down Jones Noted Down Jones Down Down Down MSC Lattam * Bovorepa (Birazi) Mobile	21.909 21.909 10.502 7.372 10.502 10.	0.0 0.4 0.2 0.5 0.6 0.1 0.2 0.6 0.6 0.4 0.5 0.7 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0.1 1.8 -0.3 -0.1 -0.1 -0.1 -0.1 -0.7 -0.8 -0.7 -0.7 -0.8 -0.2 -0.7 -1.2 -0.6 -0.8 -0.2 -0.7 -1.3 -0.6 -0.8 -0.2 -0.7 -1.3 -0.6 -0.8 -0.2 -0.7 -1.3 -0.6 -0.8 -0.2 -0.7 -1.3 -0.6 -0.8 -0.2 -0.7 -1.3 -0.6 -0.8 -0.8 -0.9 -0.7 -1.3 -0.8 -0.8 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9 -0.9	2 3 3 -1 0 -1 0 0 -2 1 -1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9 10 2 3 4 4 11 5 4 9 9 24 8 8 7 7 100 2 13 4 6 11 15 5 1 10 10 10 10 10 10 10 10 10 10 10 10 1
SAPPBO Down Jones Noted Noted Noted Down Jones Noted Down Jones Noted Down Jones Noted Down Jones Down MCG Latan ** Blooverpal (Broot) Model Mod	21,909 19,925 7,372 19,925 7,372 10,592 10,592 10,592 10,592 10,592 10,592 10,592 10,592 10,592 10,593 10,5	0.0 0.4 0.2 0.0 0.4 0.0 0.5 0.6 0.6 0.6 0.4 0.2 0.0 0.3 0.5 0.7 0.5 0.8 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0.1 1.8 -0.3 -0.1 -0.1 -0.1 -0.1 -0.7 -0.8 -0.7 -0.8 -0.7 -0.7 -0.8 -0.2 -0.7 -1.3 -0.6 -0.8 -0.2 -0.7 -1.3 -0.6 -0.8 -0.2 -0.7 -1.3 -0.6 -0.8 -0.2 -0.7 -1.3 -1.1 -1.7 -1.3 -1.1 -1.7 -1.3 -1.1 -1.7 -1.3 -1.1 -1.7 -1.3 -1.1 -1.7 -1.3 -1.1 -1.7 -1.3 -1.1 -1.7 -1.3 -1.1 -1.7 -1.3 -1.1 -1.7 -1.3 -1.1 -1.7 -1.3 -1.1 -1.7 -1.3 -1.1 -1.7 -1.3 -1.1 -1.7 -1.3 -1.1 -1.7 -1.3 -1.1 -1.1 -1.2 -1.1 -1.2 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3	2 3 3 -1 0 -1 0 0 -2 1 -1 1 5 6 4 4 2 2 2 7 4 3 3 0 0 Monthly 1 1 1 -1 -1 4 4 0 0 3 3 3 4 5 5 2 0 0 1 6 6 -2 -1 -2 1 1 -1 3 3 2 4 4 4	9 10 2 3 4 4 11 5 4 9 9 24 8 7 7 10 0 2 19 15 14 1 1 1 1 5 7 7 8 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPPBO Down Jones Noted: 100 Down Jones Noted: 100 Down Jones Noted: 100 DAX CAC MIREX DAX CAC MIREX DAX MASC Blatters Bloov repartition Mobile Mobil	21,909 19,925 7,372 19,925 7,372 10,592 10,592 10,592 10,592 10,592 10,592 10,592 10,592 10,592 10,593 10,5	0.0 0.4 0.2 0.0 0.4 0.0 0.5 0.6 0.6 0.6 0.4 0.2 0.0 0.3 0.5 0.7 0.5 0.8 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0.1 1.8 -0.3 -0.1 -0.1 -0.1 -0.1 -0.1 -0.7 -0.8 -0.7 -0.8 -0.7 -0.8 -0.7 -0.8 -0.7 -0.8 -0.7 -0.8 -0.7 -0.8 -0.7 -0.8 -0.7 -0.8 -0.7 -0.8 -0.7 -0.8 -0.7 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8	2 3 3 -1 0 -1 0 0 -2 1 -1 1 5 6 4 4 2 2 2 7 4 3 3 0 0 Monthly 1 1 1 -1 -1 4 4 0 0 3 3 4 4 5 5 2 0 0 1 6 6 -2 1 -1 -2 1 1 -1 3 3 2 4 4 5 5 1	9 10 2 3 4 11 15 4 9 24 8 7 7 7 10 2 2 3 4 4 11 15 5 7 7 10 10 11 15 5 7 7 8 8 10 11 15 5 7 7 8 10 11 15 15 7 7 14 1 15 15 16 16 16 16 16 16 16 16 16 16 16 17 18 18 13 35 38 9 9
SAPPBO Down Jones Noted	21,909 10,902 7,372 10,502 10,502 10,502 21,487 10,502 21,487 10,502 21,487 10,502 10,	0.0 0.4 0.2 0.3 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0.1 1.8 0.3 1.8 0.3 1.0 0.1 0.1 0.1 0.1 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	2 3 3 -1 0 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	9 10 2 3 4 1 11 5 4 8 7 10 2 2 19 15 5 7 7 10 14 11 15 3 3 6 6 11 16 16 16 17 17 18 19 2 2 13 3 6 6 11 16 16 16 17 18 18 13 3 5 38 9 5 5
SAPPBO Down Jones Noted Noted Noted Noted Down Jones Noted MSC Latam* Note (Missian) Noted Note	21,909 19,925 7,372 19,925 7,372 10,502 3,449 10,502 31,449 10,502 31,449 31,447 79,143 31,447 79,143 854 4,968 2,374 854 124,1 115,6 65,6 65,6 65,6 65,6 65,76 65,6 65,76 65,	0.0 0.4 0.2 0.6 0.6 0.4 0.3 0.5 0.7 0.5 0.6 0.6 0.7 0.2 1.8 0.7 0.7 0.2 1.8 0.7 0.7 0.2 1.8 0.7 0.7 0.2 1.8 0.7 0.7 0.2 1.8 0.7 0.7 0.2 1.8 0.7 0.7 0.2 1.8 0.7 0.7 0.2 1.8 0.7 0.7 0.2 1.8 0.7 0.7 0.2 1.8 0.7 0.7 0.2 1.8 0.7 0.7 0.2 1.8 0.7 0.7 0.2 1.8 0.7 0.7 0.2 1.8 0.7 0.7 0.2 1.8 0.7 0.7 0.2 1.8 0.7 0.7 0.2 1.8 0.7 0.7 0.7 0.2 1.8 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0.1 1.8 0.3 1.8 0.3 0.1 1.0 0.1 0.1 0.1 0.1 0.1 0.2 0.2 0.2 0.2 0.2 0.7 1.3 1.0 0.5 0.8 0.2 1.0 0.7 1.3 1.1 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	2 3 3 -1 0 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	9 10 2 3 4 4 11 15 4 9 24 8 7 7 12 12 13 6 11 1 15 5 7 14 11 15 5 7 14 15 3 6 11 1 16 14 18 13 35 36 11 1 16 14 18 13 35 36 15 17 17 18 18 19 9 5 5 15 15 15 15 15 15 15 15 15 15 15 15
SAPPBO DOWN Jones Noted	2.11.909 2.11.909 11.9025 7.3772 110.502 2.11.909 110.502 2.11.909 110.502 110	0.0 0.4 0.4 0.2 0.6 0.6 0.1 1.4 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0.1 1.8 0.1 1.8 0.1 1.8 0.1 1.8 0.1 1.8 0.1 1.8 0.1 1.0 1.1 1.8 0.1 1.0 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	2 3 3 -1 0 -1 0 0 -2 1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -	9 10 2 3 4 4 11 15 5 7 14 15 3 6 11 16 14 18 13 35 30 9 9 5 5 Vear 13 7 6 9 9 Year 16 9 9 Year 16 10 10 10 10 10 10 10 10 10 10 10 10 10
SAPPBO DOWN Jones 100 Earth Street Lendston S 0 IBEX DAX CAC CAC LENDSTON S 0 IBEX DAX CAC CAC LENDSTON S 0 IBEX DAX CAC CAC CAC LENDSTON S 0 IBEX DAX CAC CAC LENDSTON S 0 IBEX DAX CAC CAC LENDSTON S 0 IBEX DAX CAC CAC LENDSTON S 0 IBEX MSG LENDSTON MSG LENDSTON MSG LENDSTON S 100 C 100	2.11.909 19.925 7.3272 12.118 19.925 7.3272 12.118 19.925 12.118 19.925 12.118 19.925 19.924 19.926	0.0 0.4 0.2 0.3 0.6 0.6 0.1 0.2 0.6 0.6 0.1 0.2 0.6 0.7 0.7 0.5 0.8 0.7 0.7 0.5 0.8 0.7 0.7 0.5 0.8 0.7 0.7 0.5 0.8 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0.1 1.8 0.3 1.8 0.1 1.8 0.3 1.8 0.1 1.8 0.1 1.8 0.1 1.9 0.1 1.9 0.5 0.5 0.7 0.8 0.8 1.0 0.2 0.2 1.7 0.6 0.8 1.0 0.2 0.2 1.7 0.6 0.8 1.0 0.2 0.2 1.7 0.5 0.5 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	2 3 3 -1 0 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	9 10 2 3 4 11 15 5 4 9 24 8 7 7 12 12 3 4 11 11 11 12 3 4 11 11 11 12 3 4 11 11 11 11 12 3 6 6 11 11 11 11 12 3 19 2 13 6 6 11 11 11 11 11 11 11 11 11 11 11 11
SAPPBO Down Jones Noted	2.19.99 19.925 7.372 19.925 12.118 19.925 12.118 19.925 12.118 19.925 12.118 19.925 12.118 19.926 19	0.0 0.4 0.2 0.3 0.6 0.1 0.2 0.6 0.6 0.1 0.2 0.6 0.5 0.1 0.0 0.5 0.6 0.1 0.5 0.6 0.1 0.5 0.6 0.1 0.5 0.6 0.1 0.5 0.6 0.1 0.5 0.8 0.7 0.5 0.8 0.7 0.5 0.8 0.7 0.5 0.8 0.7 0.7 0.5 0.8 0.7 0.7 0.7 0.5 0.8 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0.1 1.8 0.3 1.8 0.1 1.8 0.1 1.8 0.1 1.8 0.1 1.8 0.1 1.8 0.1 1.8 0.1 1.9 0.7 0.7 0.7 0.7 0.8 0.8 0.8 0.8 0.9 0.2 0.7 1.3 1.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0	2 3 3 -1 0 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	9 10 2 3 4 4 11 15 5 7 8 10 4 21 7 7 8 10 16 16 17 17 18 18 19 2 19 17 18 18 19 2 19 18 18 19 18 18 18 18 18 18 18 18 18 18 18 18 18
SAPPBO DOWN Jones Noted	21,909 19,925 7,372 19,925 7,372 10,002 10,0	0.0 0.4 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.1 1.8 0.3 1.8 0.1 1.8 0.1 1.8 0.1 1.8 0.1 1.8 0.1 1.9 0.1 1.	2 3 3 -1 1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -	9 10 2 3 4 4 11 15 5 4 9 24 4 8 8 7 7 10 0 2 19 15 7 7 7 10 3 6 6 11 1 15 7 7 7 8 8 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SAPPBO DOWN Jones Noted	2.11,909 19,925 7,377 19,925 7,377 10,502 10,502 11,509 11	0.0 0.4 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.1 1.8 0.3 1.8 0.1 1.8 0.1 1.8 0.1 1.8 0.1 1.8 0.1 1.8 0.1 1.9 0.1 1.	2 3 3 -1 0 -1 1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -	9 10 2 3 4 11 15 7 24 4 17 10 2 3 4 11 17 5 7 8 8 11 17 7 14 17 17 17 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19
SAPPBO DOWN Jones Noted	2.19.99 19.925 7.372 19.925 12.118 19.925 12.118 19.925 12.118 19.925 12.118 19.925 12.118 19.925 19.926 19	0.0 0.4 0.2 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0.1 1.8 0.3 1.8 0.3 1.8 0.3 1.8 0.3 1.8 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2 3 3 -1 1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -	9 10 2 3 4 4 11 15 5 4 9 24 4 8 8 7 7 10 0 2 19 5 7 7 7 10 10 10 10 10 10 10 10 10 10 10 10 10
SAPP80	21.909 19.925 7.372 19.925 10.118 19.925 10.118 19.925 10.118 19.925 10.118 19.926 10.118 19.926 19.	0.0 0.4 0.4 0.5 0.6 0.6 0.4 0.7 0.7 0.2 0.1 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	0.1 1.8 1.8 1.0 1.1 1.8 1.8 1.0 1.1 1.8 1.0 1.1 1.0 1.0	2 3 3 -1 1 0 -2 -1 1 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9 10 2 3 4 4 11 1 1 5 7 7 10 10 10 10 10 10 10 10 10 10 10 10 10
SAPPBO DOWN Jones Noted	21,909 19,925 7,372 19,925 7,372 10,502 10,502 10,502 11,5	0.0 0.4 0.4 0.5 0.4 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0.1 1.8 0.1 1.8 0.1 0.1 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	2 3 3 3 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9 10 2 3 4 11 11 15 7 14 11 16 18 18 18 18 18 18 18 18 18 18 18 18 18
SAPPOO DOWN Jones Noted	2.11,909 19,925 7,3272 19,925 12,118 19,925 12,118 12,118 12,118 13,118 14,118 14,118 15,1040 14,966 15,1040 14,966 15,1040 14,966 15,1040 15,	0.0 0.4 0.4 0.5 0.5 0.8 0.6 0.4 0.5 0.6 0.6 0.4 0.7 0.7 0.7 0.7 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	0.1 1.8 0.3 1.8 0.3 1.8 0.3 1.8 0.5 1.8 0.7 0.7 0.7 0.7 0.7 0.7 0.8 4.8 4.8 4.8 4.8 0.9 0.7 1.3 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	2 3 3 -1 1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -	9 10 2 3 4 11 1 5 4 9 24 4 8 7 7 10 2 9 11 5 5 7 7 14 1 1 1 3 3 5 9 9 9 1 1 1 1 1 1 1 1 1 1 3 3 1 1 1 7 1 1 1 1
SAPPBO DOWN Jones Noted Noted Noted Noted DOWN Jones Noted Noted DOWN Jones Noted DOWN JONES NOTED DAX CAC CAC CAC CAC CAC CAC CAC CAC CAC C	21,909 19,925 7,372 19,925 7,372 10,502 10,502 10,502 11,5	0.0 0.4 0.4 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.1 1.8 1.8 1.0 1.1 1.8 1.8 1.0 1.1 1.8 1.8 1.0 1.1 1.0 1.0	2 3 - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9 10 2 3 4 4 11 1 5 7 7 10 10 10 10 10 10 10 10 10 10 10 10 10
SAPPBO DOWN Jones Noted	21,909 19,925 7,372 19,925 7,372 10,118 10,118 118 119,925 119,925 119,925 119,926 119	0.0 0.4 0.4 0.4 0.5 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0.1 1.8 0.3 1.8 0.1 1.8 0.1 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	2 3 3 3 3 3 3 4 5 4 4 4 3 3 3 4 4 5 5 4 4 5 5 1 1 5 5 2 2 2 2 2 1 1 1 1 1 1 5 5 1 1 0 0 0 0 0 0 0 0 0 0	9 10 2 3 4 4 11 1 1 5 7 7 4 9 1 10 2 3 1 10 1 1 1 1 1 1 1 1 1 1 1 3 3 1 1 1 1
SAPPBO DOWN Jones Noted	21,909 19,925 7,372 19,925 7,372 10,502 10,502 10,502 11,5	0.0 0.4 0.4 0.4 0.5 0.5 0.5 0.6 0.6 0.6 0.4 0.2 0.5 0.5 0.7 0.5 0.7 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0.1 1.8 0.3 1.8 0.3 1.8 0.3 1.8 0.1 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	2 3 -1 1 0 -2 -1 -1 1 5 -5 -1 2 2 2 1 -1 1 1 1 -1 2 2 2 1 -1 1 1 1	9 10 2 3 4 4 11 1 5 7 14 4 1 1 1 1 5 7 8 8 10 1 1 1 6 1 1 1 1 6 1 1 1 1 1 1 1 1 1
SAPPBO DOWN Jones Noted	21.909 19.925 7.372 19.925 7.372 12.118 19.925 12.118 19.925 12.118 19.925 12.118 19.925 19.926 19.9	0.0 0.4 0.4 0.5 0.5 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0.1 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1	2 3 -1 1 0 -2 -1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9 12 2 3 4 11 1 5 5 7 10 2 1 1 1 1 1 1 1 2 1 2 1 2 1 2 1 1 1 1
SAPPBO DOWN Jones Noted	2.11,909 19,925 7,372 19,925 12,118 19,925 12,118 12,118 12,118 13,140 14,180 14,180 14,180 14,180 14,180 14,180 14,180 14,180 14,180 15,180 16,180 1	0.0 0.4 0.4 0.4 0.5 0.5 0.8 0.4 0.4 0.4 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0.1 1.8 0.3 1.8 0.1 1.8 0.1 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	2 3 3 3 3 3 3 3 4 5 5 5 5 2 2 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9 10 2 3 4 4 11 5 5 7 10 2 9 11 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1





Debt markets	v 10V % d	anges in t	n)		
Developed Markets JS (2-yr)	level 1.34	Daily -0.4	Week	Month -3	YTD 13
US GER (2-yr)	2.29 -0.68	0.0	3.4	-12	-15 9
Germany rance	0.54	0.1	3.5 5.2	9	19 -1
Spain	1.50	-2.5 -2.8	1.5	-3 -6	-1 23
Portugal Greece	2.88 5.40	-4.5 2.2	-2.3 14.3	-15	-129 -149
lapan (2-yr)	-0.11	0.1	0.4	0	-149
lapan Emerging Markets	0.08 level	1.1 Daily	2.0 Weekly	2 Monthly	YTD
Brazil Chile	10.00 4.29	-1.0 -0.4	-5.2 -1.2	-63 15	-141 -3
Colombia Mexico	6.80 6.87	-3.9 0.4	3.2 1.0	38 14	-30 -77
Peru	5.38	0.1	-2.6	0	-109 -35
Poland Russia	7.86	3.2 -0.7	9.3 -8.1	0	-59
Furkey ndia	10.34 6.47	-1.0 0.6	4.0 5.5	6 -4	-66 9
ndonesia	6.95 sk (bp. chang	-0.5	1.9	12	-89
Developed Markets	level	Daily	Weekly	Monthly	YTD
10-yr sovereign spread vs Germany rance	26	-0.5	1.7	-10	-20
taly Portugal	155 234	-2.9 -4.6	0.4 -5.8	-15 -24	-121
Spain	96	-2.6	-2.0	-12	-12
2-yr sovereign spread vs Germany rance	24	-2.5	-0.9	4	13
taly Portugal	48 80	0.9	3.4 5.9	4 7	-13 -66
Spain	37	-3.0	-3.6	6	-12
Emerging Markets 5-yr so vereign CDS *	level	Daily	Weekly	Monthly	YTD
Brazil Chile	211 66	-2.4	2	-25 1	-61 -16
Colombia	128	-1.2 -2.2	-3	-3	-35
Mexico Peru	103 83	-2.3 -0.8	-3 -1	-8 -2	-54 -25
Venezuela	5,541	116.3	827	1239	1636
Poland Russia	58 162	-1.4 2.2	-2 2	-3 -6	-18 -14
Turkey China	181 64	0.7	1 -2	-9 -6	-91 -52
India	81	-0.3 0.6	-3 -4	-9 -5	-46 -45
	111 sk indicators		-4	-5	
Volatilty indicators (%)	level 11	Daily 2.0	Weekly 11	Monthly -8	YTD -1
VSTOXX	14	1.2	-8	-21	-3
M EFT volatility Index Dollar/euro volatility	15 8	1.9	1	-13 6	-26 -28
M FX volatility index Credit spread (BAA) (bps)	8 206	1.5	0	-1 -5	-32 -21
JS bonds volatility index	206 49	0.2	3	-11	-36
Banking 5y CDS (bps) * US	level 53	Daily -0.1	Weekly 0	Monthly 0	YTD -19
Z JK	52 45	0.7	1	-8	-56 -45
arge Spanish	50	0.4	0	-8	-67
Medium Spanish Corporate 5y CDS (bps) *	93 level	1.6 Daily	-2 Weekly	-8 Monthly	-58 YTD
JS Non-financial	134	-0.1	0	0	-19
Z Non-financial JK Non-financial	74 107	0.7 1.3	-1	-8 -7	-56 -18
Interbank ma		inges in b)	Monthly	YTD
ONIA Index	-0.36	0.00	0.0	0.0	0.0
Euribor 3m Euribor 12m	-0.33 -0.15	0.00	0.0	0.0	0.0 -0.1
abor 3m abor 12m	1.31	0.00	0.0	0.0	0.3
	ck markets (0.0	0.0	0.0
Main indices	level	Daily	Weekly	Monthly	YTD
S&P500 Dow Jones	2,473 21,909	0.0	0.1 1.8	2	9 10
Nikkei	19.925	-0.2	-0.3	- 4	2
FTSE 100 EuroStoxx 50	7,372 3,449	0.0 -0.5	-0.1 -0.1	0 -1	3
BEX	10.502 12,118	-0.3 -0.4	0.5 -0.7	0	11
CAC	5,094	-0.7	-0.7	-4	4
MIB ASE Athens	21,487 812	0.3 -1.0	0.8 -4.3	-1	9 24
WSCI Latam * bovespa (Brazil)	79,143 65,756	0.3	0.8 1.0	5 6	8
			-1.2	4	10
Mexbol	51,040	-0.3			10
Mexbol MSCI EM Europe *	51,040 4,968	-0.6	-0.2	2	-2
Mexbol MSCI EM Europe * Poland Micox (Russia)	51,040 4,968 2,374 1,920	-0.6 0.6 0.1	-0.2 1.7 -0.6	2	-2 19 -15
Mexbol MSCI EM Europe * Poland Milcox (Russia) se 100 (Turkey) MSCI EM Asia *	51,040 4,968 2,374 1,920 107,531 854	-0.6 0.6 0.1 -0.2 -0.6	-0.2 1.7 -0.6 0.8 0.2	2 2 7 4	-2 19 -15 41 23
Mexbol MSCI EM Europe * Poland Micex (Russia) se 100 (Turkey) MSCI EM Asia * Shanghai Com (China)	51,040 4,968 2,374 1,920 107,531	-0.6 0.6 0.1 -0.2	-0.2 1.7 -0.6 0.8 0.2 0.7	2 2 7	-2 19 -15 41
Mesbol MSCI EM Europe * Obland Micros (Russia) See 100 (Turkey) MSCI EM Asia * Shanghai Com (China) Iakaria (Indonesia) Sanking sector	51,040 4,968 2,374 1,920 107,531 854 3,273 5,841 level	-0.6 0.6 0.1 -0.2 -0.6 0.6	-0.2 1.7 -0.6 0.8 0.2 0.7 1.3	2 2 7 4 3	-2 19 -15 41 23 4
Menbol MSG EM Europe *	51,040 4,968 2,374 1,920 107,531 854 3,273 5,841 level 124,1 91,8	-0.6 0.6 0.1 -0.2 -0.6 0.6 0.4 Daily 0.3	-0.2 1.7 -0.6 0.8 0.2 0.7 1.3 Weekly 1.5 0.5	2 7 4 3 0 Monthly 1	-2 19 -15 41 23 4 11 YTD 3 6
Mexboll MSG EM Europe * Poland (floox (Russia) se 100 (Turkey) MSG EM Asia * Shanghal Com (China) takarta (Indonesia) Janking sector IS banks	51,040 4,968 2,374 1,920 107,531 854 3,273 5,841 level 124,1	-0.6 0.6 0.1 -0.2 -0.6 0.6 0.4 Daily	-0.2 1.7 -0.6 0.8 0.2 0.7 1.3 Weekly 1.5	2 2 7 4 3 0 Monthly	-2 19 -15 41 23 4 11 YTD
Motbol SMCTEM Europe * Voland Mitter (Music) Mitter	51,040 4,968 2,374 1,920 107,531 854 3,273 5,841 level 124,1 91,8 67,9 24,1 46,7	0.6 0.6 0.1 -0.2 -0.6 0.6 0.4 Daily 0.3 0.5 0.7 0.5	-0.2 1.7 -0.6 0.8 0.2 0.7 1.3 Weekly 1.5 0.5 2.8 1.0	2 2 7 4 3 0 Monthly 1 1 1 1 4	-2 19 -15 41 23 4 11 YTD 3 6 11 5
Motbol SSCE DM Europe * "Activated Misses (Distributed Misses (Di	51,040 4,968 2,374 1,920 107,531 854 3,273 5,841 level 124,1 91,8 67,9 24,1 46,7 223,6 115,6	0.6 0.6 0.1 -0.2 -0.6 0.4 Daily 0.3 0.5 0.7 0.5 0.1 0.0	-0.2 1.7 -0.6 0.8 0.2 0.7 1.3 Weekly 1.5 0.5 2.8 1.0 0.0 2.5 1.3	2 2 7 4 3 0 Monthly 1 1 1 1 1 4 0 3	-2 19 -15 41 23 4 11 YTD 3 6 11 5 7 -8
Morbol MSCE M Europe * Voland Micro (Stasia) MSC (Micro) MSC (Micr	51,040 4,968 2,374 1,920 107,531 854 3,273 5,841 level 124,1 91,8 67,9 24,1 46,7 223,6 115,6 65,6 65,6	0.6 0.6 0.1 -0.2 -0.6 0.4 Daily 0.3 0.5 0.7 0.5 0.1 0.0 -0.5 -0.8	-0.2 1.7 -0.6 0.8 0.2 0.7 1.3 Weekly 1.5 0.5 2.8 1.0 0.0 2.5 1.3 2.1 2.4	2 2 7 4 3 0 Monthly 1 1 1 1 -1 4 0 3 3 4	-2 19 -15 41 23 4 11 YTD 3 6 11 5 7 -8 10 4
Motobol SSC DM Europe * Valent Valent SSC DM Mary Valent SSC DM Asia * Interplat Com (China) Madarta Motonesia) Manufar Motonesia Manufar	51,040 4,968 2,374 1,920 107,531 854 3,273 5,841 level 124,1 91,8 67,9 24,1 46,7 223,6 65,6 14,9 15,1	-0.6 0.6 0.1 -0.2 -0.6 0.6 0.4 Daily 0.3 0.5 0.7 0.5 0.1 0.0 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.7 -0.5 -0.	-0.2 1.7 -0.6 0.8 0.2 0.7 1.3 Weekly 1.5 0.5 2.8 1.0 0.0 2.5 1.3 2.1 2.4 -5.7	2 2 7 4 3 0 Monthly 1 1 1 -1 4 0 3 3 4	-2 19 -15 41 23 4 11 YTD 3 6 11 5 7 -8 10 4 21 -7
Motobol SSCI DM Europe * Volund SSCI DM Europe * Volund SSCI DM Europe * MSCI DM Asia* * Interplation Control Storage Control Storage Control Storage Control Storage Control SS banks SS Sanks SS	51,040 4,968 2,374 1,920 107,531 854 3,273 5,841 1evel 124,1 91,8 67,9 24,1 46,7 223,6 115,6 65,6 614,9 15,1 15,1	-0.6 0.6 0.1 -0.2 -0.6 0.6 0.4 Daily 0.3 0.5 0.7 0.5 0.1 0.0 -0.5 -0.8 -0.6 -0.1 0.0 -0.5 -0.6 -0.7 -0.5 -0.7 -0.5 -0.1 -0.5 -0.7 -0.5 -0.1 -0.5 -0.6 -0.6 -0.7 -0.5 -0.6 -0.6 -0.7 -0.5 -0.6 -0.6 -0.7 -0.5 -0.6 -0.6 -0.7 -0.5 -0.6 -0.6 -0.7 -0.5 -0.6 -0.7 -0.5 -0.6 -0.6 -0.7 -0.5 -0.6 -0.6 -0.7	-0.2 1.7 -0.6 0.8 0.2 0.7 1.3 Weekly 1.5 0.5 2.8 1.0 0.0 2.5 1.3 2.1 2.4 -5.7 2.1	2 2 7 4 3 0 Monthly 1 1 1 -1 4 0 3 3 4 4 -5 5	-2 19 -15 41 23 4 11 YTD 3 6 11 5 7 -8 10 4 21 -7 14
Morbol MSCE DM Europe * "Advand Misses (Distribute) MSCE DM Asia * Issue (Distribute	51,040 4,968 2,374 1,920 107,531 854 3,273 5,841 level 124,1 91,8 67,9 24,1 46,7 223,6 115,6 14,9 15,1	-0.6 0.6 0.1 -0.2 -0.6 0.6 0.4 Daily 0.3 0.5 0.7 0.5 0.1 0.0 -0.5 -0.6 -0.1 0.0 -0.5 0.7 0.5 0.1 0.0 -0.5 0.1 0.0 -0.5 0.7 0.5 0.1 0.0 -0.5 0.0 -0.5 0.0 -0.5 0.0 -0.5 0.0 -0.5 0.0 -0.5 0.0 -0.5 0.0 -0.5 0.0 -0.5 0.0 -0.5 0.0 -0.5 0.0 -0.5 0.0 -0.5 0.0 -0.5 0.0 -0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-0.2 1.7 -0.6 0.8 0.2 0.7 1.3 Weekly 1.5 0.5 2.8 1.0 0.0 2.5 1.3 2.1 2.4 -5.7 2.1	2 2 7 4 3 0 Monthly 1 1 1 1 4 0 3 3 3 4 4 -5 4	-2 19 -15 41 23 4 11 YTD 3 6 11 5 7 -8 10 4 21 -7
Method SSCI DM Europe * - Valend Method (Method (Method) Method (Method) Method) Method (Method) Method (Method) Method) Meth	51,040 4,968 2,374 1,920 107,531 854 3,273 5,841 level 124,1 91,8 67,9 24,1 46,7 223,6 115,6 65,6 14,9 15,1 15,8 2,9 49,6 16,6 89,3	-0.6 0.6 0.1 -0.2 -0.6 0.6 0.4 Daily 0.3 0.5 0.7 0.5 0.1 0.0 -0.5 -0.8 -0.6 -2.1 0.0 0.3 -0.7 -0.7 0.2	-0.2 1.7 -0.6 0.8 0.2 0.7 1.3 Weekly 1.5 0.5 2.8 1.0 0.0 2.5 1.3 2.1 2.4 -5.7 3.0 -0.7	2 2 7 4 3 0 Monthly 1 1 1 -1 4 0 3 3 3 4 -5 4 5 2 0	-2 19 -15 41 23 4 11 YTD 3 6 11 5 7 -8 10 4 21 -7 14 15 3 19 2
Method SSCE DM Europe * Valent Valent Method	51,040 4,968 2,374 1,920 107,531 854 3,273 1,854 3,273 1,854 1,91,8 67,9 24,1 46,7 223,6 65,6 115,6 65,6 14,9 15,1 15,8 2,9 49,6 16,6 89,3 75,70 248,6	-0.6 0.6 0.1 -0.2 -0.6 0.4 Daily 0.3 0.5 0.7 0.5 0.1 0.0 0.5 -0.8 -0.6 -0.6 -0.7 -0.	-0.2 1.7 -0.6 0.8 0.2 0.7 1.3 Weekly 1.5 0.5 2.8 1.0 0.0 2.5 1.3 2.1 2.4 -5.7 2.1 1.7 0.0 0.0 0.0 0.0 1.3	2 2 2 7 4 3 0 Monthly 1 1 1 1 1 4 0 3 3 3 4 4 5 5 2 0 0 1 6 6 -2	-2 19 -15 41 23 4 11 YTD 3 6 11 5 7 -8 10 4 21 14 15 3 19 2 13 6
Method SSCI DM Europe * Voland Method (Method	51,040 4,968 2,374 1,920 107,531 854 3,273 5,841 1evel 124.1 91.8 67.9 24.1 46.7 223.6 115.6 14.9 15.1 15.8 2.9 49.6 16.6 89.3 757.0 248.6 203.0 65.6	-0.6 0.6 0.6 0.1 -0.2 -0.6 0.6 0.4 Daily 0.3 0.5 0.7 0.5 0.1 0.0 0.5 0.8 0.6 0.0 0.3 0.7 0.7 0.7 0.7 1.8	-0.2 1.7 -0.6 0.8 0.2 0.7 1.3 Weekly 1.5 0.5 2.8 1.0 0.0 2.5 1.3 2.1 2.4 -5.7 2.1 1.7 0.7 0.0 -7 0.7	2 2 7 4 3 0 Morthly 1 1 1 1 -1 4 0 3 3 4 -5 4 5 2 0	-2 19 -45 -41 23 4 11 11 5 7 -8 10 4 21 -7 14 15 3 19 2 11 5 7 -7 14 15 15 16 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18
Method MSCE DM Europe * Voland Micro (Ususia) MSCE DM Europe * MSCE DM Eur	51,040 4,968 2,374 1,920 107,531 854 3,273 5,841 level 124.1 91,8 67,9 24.1 46,7 223.6 65,6 115.6 89.3 757.0 248.6 89.3 757.0 248.6 90,7	-0.6 0.6 0.1 0.2 -0.6 0.4 0.8 0.9 0.3 0.5 0.7 0.5 0.7 0.0 0.0 0.3 0.7 0.0 0.3 0.7 0.2 1.0 0.0 0.3 0.7 0.7 0.2 1.0 0.7 0.2 1.0 0.7 0.2 1.0 0.7 0.2 1.0 0.7 0.2	-0.2 1.7 -0.6 0.8 0.2 0.7 1.3 Weskly 1.5 2.8 1.0 0.0 2.5 1.3 2.1 2.4 4-5.7 2.1 1.7 3.0 0.0 2.7 1.7 3.0 0.0 2.5 1.3 2.1 1.7 2.1 1.7 2.1 1.7 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3	2 2 2 7 4 3 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-2 19 -15 41 123 4 111 YTD 3 6 111 5 7 -8 8 10 4 21 -7 -14 15 3 3 6 -15 10 10 -15 10 10 -15 10 -15 10 -15 10 -15 10 10 -15 10 10 10 10 10 10 10 10 10 10 10 10 10
Mortool MOSCO EM Europe * Valent Commission MOSCO EM Asia * Interpolation China Mos	51,040 4,968 2,374 1,920 107,531 854 3,273 5,841 level 124.1 91.8 96.7 924.1 46.7 223.6 65.6 115.1 15.8 2,9 49.6 16.6 89.3 757.0 248.6 16.6 89.3 757.0 248.6 16.6 89.3 757.0 75.8	0.6 0.6 0.6 0.1 0.2 0.6 0.6 0.4 0.3 0.5 0.7 0.5 0.1 0.0 0.5 0.1 0.0 0.3 0.5 0.7 1.0 0.0 0.3 0.5 0.1 0.0 0.3 0.5 0.1 0.0 0.3 0.5 0.1 0.0 0.3 0.5 0.1 0.0 0.3 0.5 0.1 0.0 0.3 0.5 0.1 0.0 0.3 0.5 0.1 0.0 0.3 0.5 0.1 0.0 0.3 0.5 0.1 0.0 0.3 0.5 0.1 0.0 0.3 0.5 0.1 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 0.9 0.7 0.9 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-0.2 1.7 0.6 0.8 0.2 0.7 1.3 1.5 0.5 2.8 1.0 0.0 0.0 2.2 2.5 1.3 2.1 1.7 3.0 7 7 0.7 1.7 3.0 7 1.7 3.0 7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1	2 2 7 7 4 3 0 0 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-2 19 19 19 4 11 23 4 11 11 27 3 6 11 11 5 7 7 8 8 10 4 21 17 17 18 19 19 19 19 19 19 19 19 19 19 19 19 19
Method SSC DM Kurope * Valent Valent Model (Model) MSC EM Asia* Interplat Com Christ MSC	51,040 4,968 2,374 1,920 107,531 854 3,273 5,841 level 124.1 967,9 24.1 46.7 223.6 65.6 115.1 15.8 2.9 49.6 16.6 89.3 757.0 248.6 203.0 65.6 203.0 65.6 203.0 65.7 7.7 8.7 8.7 8.7 8.7 8.7 8.7 8.7 8.7 8	0.6 0.6 0.1 0.2 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.7 0.7 0.5 0.7 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	-0.2 1.7 0.6 0.8 0.2 0.7 1.3 1.5 0.5 1.0 0.0 2.5 1.3 1.0 0.0 2.5 1.3 2.4 4.5.7 2.1 1.7 0.0,7 0.7 0.7 0.7 1.3 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	2 2 7 7 4 3 3 0 11 1 1 1 1 4 0 3 3 3 4 4 5 5 2 0 1 1 6 6 -2 1 1 -2 2 1 1 -1 3 2 2 4 4	-2 19 -15 41 11 11 5 7 -8 10 4 21 -7 -7 -8 10 -14 11 15 7 -7 -8 10 -14 11 11 16 -14 11 11 16 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18
Mortool Mortoope " Valent Mortoope " Valent Mortoope " Valent Mortoope Mort	51,040 4,968 2,374 1,920 107,531 85,441 1evel 124,1 91,8 67,9 24,1 46,7 223,6 115,6 15,8 2,9 15,1 15,8 2,9 16,6 16,6 16,6 16,6 16,6 16,6 16,6 16	-0.6 0.6 0.1 -0.2 -0.6 0.6 0.4 -0.3 0.5 0.7 0.5 0.1 0.0 0.3 0.5 0.7 0.5 0.3 0.5 0.7 0.5 0.3 0.5 0.6 0.4 0.7 0.7 0.6 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0.2 1.7 0.6 0.8 0.2 0.7 1.5 0.5 2.8 1.0 0.0 0.2 2.5 1.3 2.1 1.7 3.0 0.7 2.1 1.7 3.0 0.7 2.1 1.3 2.1 1.7 3.0 2.1 1.7 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	2 2 7 7 4 3 0 Monthly 1 1 1 1 -1 4 4 0 3 3 3 4 4 -5 5 2 0 1 1 6 -2 -1 -2 1 1 -1 3 2 2	-2 19 -15 41 11 23 3 4 111 5 7 7 8 10 4 21 -7 14 15 3 19 2 13 16 -16 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18
Method SSC DM Europe * **Cabult *	51,040 4,968 2,374 1,920 107,531 854 3,273 5,841 1evel 124,1 97,9 24,1 42,1 23,6 15,6 14,9 15,1 15,8 2,9 6 16,6 16,6 16,6 16,6 16,6 16,6 16,6	0.6 0.1 0.2 0.6 0.1 0.2 0.6 0.6 0.6 0.6 0.6 0.6 0.7 0.7 0.5 0.8 0.6 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0.2 1.7 0.6 0.8 0.2 0.7 1.3 Weekly 1.5 0.5 0.5 0.5 1.3 2.1 2.4 1.7 1.7 1.7 1.7 1.7 1.1 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	2 2 7 7 4 3 0 Monthly 1 1 1 1 -1 4 4 0 0 3 3 4 4 -5 5 2 0 0 1 1 6 -2 -1 1 -1 3 2 2 4 5 5	-2 19 -15 41 11 23 3 6 11 5 7 -8 10 4 21 -7 14 15 3 6 10 4 21 -7 14 15 3 6 11 15 15 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18
Motobol SSC DM Europe * Valent	51,040 4,968 2,374 1,920 107,531 8,273 3,273 5,841 124,1 918 8,273 124,1 195,2 115,6 105,0	0.6 0.6 0.1 0.2 0.6 0.6 0.1 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	.0.2 1.7 0.6 0.8 0.2 0.7 1.3 Weskly 1.5 2.8 1.0 0.5 2.8 1.0 0.5 2.5 1.3 3.0 2.7 2.1 1.7 3.0 0.0 2.7 1.3 1.3 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	2 2 7 4 3 3 0 Morthly 1 1 1 -1 4 4 0 3 3 3 4 4 5 5 2 0 1 1 6 6 6 -2 -1 -1 3 3 2 4 5 5 1 0 0 Morthly Mo	-2 19 -15 41 23 4 11 YTD 3 6 11 15 5 7 7 8 10 4 21 -7 14 15 3 6 11 15 15 3 6 11 11 15 15 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18
Motobol Most Campe * 'chard Most Campe * 'chard Most Campe * 'should Most Campe * 's	510,040 4,968 2,374 4,968 2,374 1,920 107,531 8,534 8,534 8,534 1,944 1,948 1,	0.6 0.6 0.1 0.2 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.7 0.5 0.7 0.5 0.1 0.0 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.8 0.6 0.6 0.6 0.6 0.6 0.6 0.7 0.7 0.7 0.9 0.7 0.9 0.7 0.9 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.2 1.7 0.6 0.8 0.2 0.7 1.3 Weekly 1.5 2.8 2.1 1.0 0.5 2.5 2.1 1.7 0.0 0.7 0.0 0.7 0.7 0.7 0.7 1.1 1.5 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 2 7 4 3 3 0 Monthly 1 1 1 -1 4 4 0 3 3 3 4 4 5 5 2 0 1 1 6 6 -2 1 1 -2 2 4 5 5 1 0 0 Monthly 3 4 5 5 1 0 0 0 Monthly 3 4 5 5 1 0 0 Monthly 3 4 5 1 0 0	-2 19 -15 41 23 4 11 YTD 3 6 11 5 7 -8 8 10 4 21 17 17 18 19 2 13 6 16 11 15 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18
Mortool Koro Em Rurope * "Advand Misses Em Rurope * "Advand Misses Em Rurope * MSC EM Anie * Strong Control (Priva) MSC EM Anie * Stronghal Com Christo Initiation of Pinta Banking sector JS banks PM B Ca Ca Ca Ca Ca Ca Ca C	510,040 4,968 2,374 4,968 5,247 1,920 107,531 109,00 107,531 5,841 1044 118,10 118,10 119,10	0.66 0.1 0.2 0.6 0.6 0.1 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	.0.2 1.7 0.6 0.8 0.2 0.7 1.3 1.5 0.5 2.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	2 2 7 4 3 3 0 0 Monthly 1 1 1 -1 1 4 0 3 3 3 4 4 5 5 2 0 0 1 6 6 -2 1 -1 2 4 5 5 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-2 -2 -19 -15 41 -17 -23 -4 -11 -17 -7 -8 -10 -10 -13 -13 -13 -13 -13 -13 -13 -13 -13 -13
Motobol SSC EM Europe * Volund Moto Combol Motor (Motor Motor Motor Motor (Motor Motor Motor Motor (Motor Motor Motor Motor Motor Motor (Motor Motor M	51,040 4,968 2,374 1,920 107,531 8,541 108,531 8,541 108,531 1	0.6 0.6 0.1 0.2 0.6 0.6 0.4 0.8 0.9 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	.0.2 1.7 0.6 0.8 0.2 0.7 1.3 Weskiy 1.5 5.7 2.1 1.7 2.5 1.3 0.0 2.7 2.1 1.7 2.1 1.7 2.1 1.7 2.1 1.7 1.7 2.1 1.7 1.7 1.8 2.1 1.8 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9	2 2 7 4 3 3 0 Monthly 1 1 1 -1 4 4 0 3 3 4 4 5 5 2 0 0 1 1 6 6 2 -1 1 4 5 1 1 0 0 0 Monthly 3.4 4 5 1 1 0 0 Monthly 3.4 1.4 1.4 1.4	-2 19 -15 41 23 4 11 7TD 3 6 6 11 15 7 8 8 10 4 21 -7 14 15 3 6 -11 14 15 3 19 2 11 11 11 11 11 11 11 11 11 11 11 11 1
Method SSC EM Europe * Voland Method	51,040 4,968 2,374 4,968 2,374 1,920 107,531 1,920 107,531 1,920 107,531 1,920 107,531 1,920 107,531 1,920 107,531 107	0.66 0.1 0.2 0.6 0.6 0.1 0.2 0.6 0.6 0.4 0.8 0.8 0.7 0.5 0.7 0.5 0.1 0.0 0.5 0.6 0.4 0.8 0.7 0.5 0.1 0.0 0.3 0.5 0.7 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	90.2 1.7 -0.6 0.8 0.2 0.7 1.3 1.5 0.5 1.5 0.5 1.0 0.2 2.7 1.1 1.7 0.0 0.7 0.0 0.7 1.1 1.7 0.0 0.7 0.0 0.7 0.0 0.7 0.0 0.7 0.0 0.7 0.0 0.7 0.0 0.7 0.0 0.7 0.0 0.7 0.0 0.7 0.0 0.7 0.0 0.7 0.0 0.7 0.0 0.7 0.0 0.7 0.0 0.7 0.0 0.7 0.0 0.7 0.0 0.7 0.7	2 2 7 4 3 0 Morthly 1 1 1 -1 4 0 0 3 3 3 4 5 5 2 0 0 1 1 6 -2 -1 -1 3 2 2 4 5 5 1 0 0 Morthly 3.4 1.6 Morthly 7.0	-2 -19 -15 -14 -12 -13 -4 -11 -17 -18 -10 -13 -13 -13 -13 -13 -13 -13 -13 -13 -13
Motobol Moreope " vidend Moreope" vidend Moreope " vidend Moreope " vidend Moreope " vidend Moreope " MSCE BM Ania" Storapial Com Christo silvaria dindonesia) salantage sociore ST banks PPM 15 banks 15 banks 15 banks 16 banks 18 banks	51,040 4,968 2,374 1,920 107,531 1,920 107,531 1,920 107,531 1,920 107,531 1,920 107,531 1,920 1	0.66 0.1 0.2 0.6 0.6 0.1 0.2 0.6 0.6 0.4 0.8 0.7 0.5 0.7 0.5 0.1 0.0 0.5 0.6 0.4 0.8 0.7 0.5 0.1 0.0 0.3 0.5 0.7 0.5 0.8 0.8 0.7 0.5 0.8 0.8 0.7 0.9 0.9 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.2 1.7 0.6 0.8 0.2 0.7 1.3 Weskly 1.5 0.5 1.2 1.1 1.7 0.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2 2 7 4 3 0 Monthly 1 1 1 1 -1 4 4 0 0 3 3 4 4 5 5 2 0 0 1 1 6 6 -2 1 1 -1 3 2 2 4 5 5 1 1 0 Monthly 3.4 4 1.6 6 Monthly 3.4 1.6 Monthly 3.4 1.2 6 Monthly 3.1 1 1 2 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1	-2 -19 -15 -15 -17 -18 -11 -17 -18 -11 -17 -18 -18 -18 -18 -18 -18 -18 -18 -18 -18
Method SSCEDM Europe * **Cacher **Cach	51,040 4,968 2,374 1,920 10,253 3,283 3,283 3,283 1,223 3,223 3,223 1,23	0.6 0.6 0.1 0.2 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.7 0.7 0.5 0.8 0.7 0.5 0.8 0.7 0.7 0.5 0.8 0.7 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	9.2 1.7 0.6 0.8 0.2 0.7 1.3 1.5 0.5 1.0 0.0 0.2 5.1 1.3 1.1 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	2 2 7 4 3 0 Morethly 1 1 1 -1 -1 4 0 0 3 3 4 4 -5 5 4 5 2 0 0 1 1 6 6 2 2 -1 1 -1 3 2 2 4 5 5 1 0 0 Morethly 3.4 1.4 5 5 1 1 0 0 Morethly 7-0 5.1 5.1	-2 -19 -15 -13 -14 -12 -3 -6 -10 -4 -15 -3 -6 -10 -14 -15 -3 -16 -16 -16 -16 -16 -16 -16 -16 -16 -16
Method SSC EM Europe * Valent Valent Method	51,040 4,968 2,374 4,968 2,374 1,952 1,952 1,952 1,952 1,953 1,954	0.66 0.1 0.2 0.6 0.1 0.2 0.6 0.6 0.4 0.6 0.5 0.6 0.4 0.6 0.7 0.5 0.7 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.9 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.2 1.7 0.6 0.8 0.2 0.7 1.3 0.5 1.0 0.5 1.0 0.5 1.3 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	2 2 7 4 3 0 Monthly 1 1 1 1 1 4 0 0 3 3 3 4 4 5 5 2 0 0 1 1 6 6 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-2 -19 -15 -15 -11 -12 -13 -13 -11 -15 -7 -8 -8 -10 -10 -11 -15 -15 -16 -16 -16 -16 -16 -16 -16 -16 -16 -16
Method SSC DM Kurope * Voland Michael Company Voland Michael Company MSC EM Asia* Interplation Christo Issurptia Com Christo Issurptia Christo	51,040 4,968 2,274 4,1968 2,274 1,1920 1,192	-0.6 0.1 0.2 0.6 0.1 0.2 0.6 0.4 0.7 0.8 0.7 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.2 1.7 0.6 0.8 0.2 0.7 1.3 0.7 1.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0	2 2 7 4 3 0 Monthly 1 1 1 1 1 4 0 3 3 3 4 4 5 5 2 0 0 1 1 6 6 2 1 1 1 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 1 2 2 1 1 1 1 1 1 2 2 1	-2 -19 -15 -15 -17 -18 -11 -17 -18 -11 -17 -18 -18 -18 -18 -18 -18 -18 -18 -18 -18
Method SSC EM Europe * **Calcular **Calcula	51,040 4,398 2,274 4,398 2,274 1920 1920 1930 1951 1954 1951 1954 1951 1956 1956 1956 1957 1957 1957 1957 1957 1957 1957 1957	-0.6 -0.6 -0.1 -0.2 -0.6 -0.1 -0.2 -0.6 -0.6 -0.4 -0.6 -0.7 -0.7 -0.9 -0.8 -0.6 -0.8 -0.1 -0.4 -0.4 -0.6 -0.4 -0.6 -0.6 -0.8 -0.1 -0.8 -0.8	0.2 1.7 0.6 0.8 0.2 0.7 1.3 0.7 0.5 0.5 1.0 0.0 0.0 1.0 0.0 1.0 0.0 0.0 0.0 0.0	2 2 2 7 4 3 0 Northly 1 1 1 1 1 4 0 0 3 3 3 4 4 5 5 2 0 0 1 1 6 6 -2 1 1 -1 3 3 2 4 4 5 5 1 0 0 0 2 1 1 -1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-2 -19 -15 -14 -123 -3 -4 -111 -5 -7 -8 -8 -10 -115 -5 -7 -8 -10 -10 -10 -10 -10 -10 -10 -10 -10 -10
Method SSC EM Kurope * **Admid Micrope * **SEC EM Asia * **Interplate Corn Christo **Bioth Micrope * **	51,040 4,968 2,274 4,968 1,920	0.66 0.1 0.2 0.6 0.1 0.2 0.6 0.6 0.4 0.7 0.8 0.5 0.7 0.5 0.1 0.0 0.5 0.7 0.7 0.2 0.8 0.6 0.6 0.4 0.6 0.6 0.7 0.9 0.8 0.6 0.6 0.6 0.6 0.7 0.8 0.7 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.2 1.7 0.6 0.8 0.2 1.7 1.3 1.0 1.5 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	2 2 7 4 3 3 0 th Morthly 1 1 1 1 1 4 0 0 3 3 4 5 5 2 0 0 1 1 6 6 -2 1 1 1 1 3 3 2 4 5 5 1 1 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1	-2
Motobol MoSCO EM Europe * Valend Mosco EM Europe * Valend Mosco EM Europe * Valend Mosco EM Europe * VASC EM Asia * Stanglas Com Chrab Most and Gonosials Beatings sector JS Danks PPM JS Danks PPM JS Danks	51,040 4,968 4,968 1,320 10,231 10,232 10,232 5,841 124,11 10,24 124,11 125,12 125,12 125,13	0.66 0.1 0.2 0.6 0.1 0.2 0.6 0.6 0.4 0.9 0.8 0.5 0.7 0.5 0.1 0.0 0.5 0.7 0.7 0.2 0.8 0.7 0.7 0.9 0.8 0.7 0.7 0.9 0.8 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.2 1.7 0.6 0.8 0.2 1.3 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	2 2 7 4 3 3 0 0 Morthly 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-2 -2 -19 -15 -41 112 3 4 -4 111 5 7 -7 8 -10 -10 -11 -15 -3 -10 -10 -10 -10 -10 -10 -10 -10 -10 -10
Method SSCEDM Europe * **Cabund SSCEDM Europe * **Cabund SSCEDM Europe * **Cabund SSCEDM Asia * **Interplated Corn Circhia **Siantha Maria** **Interplated Corn Circhia **Siantha Siantha Siant	51,040 4,368 4,368 2,277 4,368 1854 1854 1854 1854 1867 1874 1875 1876 1876 1876 1876 1876 1876 1876 1876	0.6 0.6 0.1 0.2 0.6 0.1 0.2 0.6 0.4 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.0 0.8 0.7 1.0 0.6 0.4 0.7 1.0 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0.2 1.7 0.6 0.8 0.2 1.3 1.0 0.5 1.3 1.0 0.5 1.3 1.0 0.5 1.3 1.0 0.5 1.3 1.0 0.5 1.3 1.0 0.5 1.3 1.0 0.5 1.3 1.0 0.5 1.3 1.0 0.5 1.3 1.0 0.5 1.3 1.0 0.5 1.3 1.0 0.5 1.3 1.0 0.5 1.3 1.0 0.5 1.3 1.0 0.5 1.3 1.0 0.5 1.3 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	2 2 7 4 3 3 0 th Morthly 1 1 1 1 1 4 0 0 3 3 4 5 5 2 0 0 1 1 6 6 -2 1 1 1 1 3 3 2 4 5 5 1 1 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1	-2 -2 -19 -15 -41 -11 -23 -4 -4 -11 -5 -7 -8 -10 -10 -13 -13 -6 -9 -9 -9 -9 -9 -10 -10 -10 -10 -10 -10 -10 -10 -10 -10
Method SSC EM Kurope * Valent Gurope *	51,040 4,398 2,274 4,398 2,274 192 132 132 132 132 132 132 132 132 132 13	0.66 0.1 0.2 0.6 0.6 0.1 0.2 0.6 0.6 0.1 0.6 0.6 0.6 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	0.2 1.7 0.6 0.8 0.2 0.7 1.3 0.7 1.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2 2 2 7 4 3 3 4 4 4 9 9 9 9 9 9 9 9 9 9 9 9 9 9	-2 -2 -19 -15 -19 -19 -15 -19 -19 -19 -19 -19 -19 -19 -19 -19 -19
Method SSCEDM Europe * **Cabund SSCEDM Europe * **Cabund SSCEDM Europe * **Cabund SSCEDM Asia * **Interplated Corn Circhia **Siantha Maria** **Interplated Corn Circhia **Siantha Siantha Siant	51,040 4,368 4,368 2,277 4,368 1854 1854 1854 1854 1867 1874 1875 1876 1876 1876 1876 1876 1876 1876 1876	0.66 0.1 0.2 0.6 0.1 0.2 0.6 0.4 0.6 0.4 0.3 0.5 0.7 0.7 0.7 0.0 0.7 0.7 0.7 0.7 0.9 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.2 1.7 0.6 0.8 0.2 1.7 1.5 1.5 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	2 2 7 4 3 3 1 1 1 1 1 1 4 4 9 3 3 3 4 4 5 5 5 2 9 1 1 1 6 6 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-2 -2 -19 -15 -41 -23 -3 -6 -10 -10 -10 -10 -10 -10 -10 -10 -10 -10
Motobol Micrope * Valent Micrope * VASC EM Mais * Stranglas Com Chrab Misearts disconsist Misearts disconsist Misearts disconsist Misearts disconsist Misearts disconsist Misearts M	51,040 4,968 2,374 4,968 1,320 1,320 1,320 1,320 1,320 1,320 1,320 1,321 1,320 1,321	0.66 0.1 0.2 0.6 0.1 0.2 0.6 0.1 0.2 0.6 0.4 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.8 0.7 0.5 0.8 0.7 0.9 0.1 0.0 0.1 0.0 0.1 0.0 0.3 0.7 0.2 0.1 0.0 0.3 0.7 0.2 0.8 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.2 1.7 0.6 0.8 0.2 0.1 1.3 Weekly 1.5 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	2 2 2 7 3 3 3 3 0 1 1 1 1 1 1 4 4 0 0 3 3 3 4 4 5 5 2 0 0 1 1 6 6 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-2 -2 -19 -15 -23 -4 -11 -11 -11 -15 -7 -8 -8 -10 -11 -15 -7 -7 -8 -10 -11 -15 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7
Motobol Most CEM Europe * **Cacher **C	51,040 4,368 2,274 4,368 2,274 1854 1854 1854 1854 1854 1854 1854 185	0.66 0.11 0.66 0.11 0.66 0.12 0.66 0.61 0.69 0.64 0.61 0.61 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.7	0.2 1.7 0.6 0.8 0.2 0.2 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	2 2 2 7 4 3 3 4 4 4 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-2 -19 -15 -19 -19 -19 -19 -19 -19 -19 -19 -19 -19
Motobol Most CBM Europe * Valend Most CBM Europe * Valend Most CBM Europe * Valend Most CBM Europe * MSC EBM Asia * Interplate Com CChristo Biological Christo B	51,040 4,968 2,374 4,968 2,374 1,952	0.66 0.1 0.6 0.1 0.2 0.6 0.1 0.2 0.6 0.1 0.4 0.6 0.1 0.4 0.6 0.7 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.7 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0.2 1.7 0.6 0.8 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	2 2 2 7 4 3 3 0 0 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-2



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