Market Comment | Cautious tone remains in financial markets, amid volatility

Global Financial Markets Unit 13 Aug 2018

BBVA Research

- Safe-haven bonds outperformed, with US (2.88%) and German 10Y yields (0.32%) remaining broadly steady and both peripheral and EM yields increasing across the board on the back of political concerns and spillover effect from Turkey. Italy's risk premium increased by 11 bps to 279 bps ahead of the 2019 budget negotiation, while the impact of Turkey on Italy's banks may also have contributed to higher yields. The risk-off mood also weighed slightly on both Spain's and Portugal's risk premia.
- The US Dollar began the week steady, easing some pressure on FX markets. Nonetheless, depreciation trends have remained in most EM currencies, especially the TRY and the ARS, while the Mexican peso has also depreciated, reflecting the cautious approach towards EMs.
- Equity markets were mixed: European and Asian stock markets declined across the board, the former led by the healthcare and banking sectors, while US stocks opened flat.
- **Crude oil prices were steady** as Saudi Arabia said it would reduce its crude oil production after the announcement from OPEC, in which they assured a lowering in future oil demand (see). However, gold prices fell sharply despite some recent risk-off mood among investors (see).

Table 1 Update 17:45 CET August 13



Debt markets ((10Y % dt	iannes in t	vn)		
Developed Markets US (2-yr)	level 2.61	anges in t Daily 0.8		Month	YTD
US (2-yr) US GER (2-yr)	2.88	0.8	-3.3 -6.4 -5.3	3 3 -1	69 41
Germany	0.32	0.1	-7.1	-4	-3 -20 -14
France Spain	0.69	1.5	-3.0 5.6	5	-14
Italy Portugal	3.10 1.85	11.0 6.7 6.5	19.8 9.4 28.1	48	101 -16
Greece Japan (2-yr)	4.29 -0.11 0.10	0.2	-0.5	41 2 6	18
Japan (2-yr) Japan Emerging Markets	level	0.0 Daily	-0.9 Weekly	Monthly	5 YTD
Brazil Chile	11.90 4.51	5.7 -0.5	75.4 -4.4	45 -8	165 -1
Colombia Mexico	6.82 7.79	1.7	-5.0 9.7	27 5	38 21
Peru Poland	5.08 3.16	1.1	2.2 5.8	-7 -3	21 -15
Russia Turkey	8.50 21.53 7.82	11.5 52.0	53.7 274.0	83 377	86 1017
India Indonesia	7.82	6.9 24.1	5.5 14.0	4	44 164
Country ris Developed Markets	k (bp. chang	jes in bp)	Weekly	Monthly	YTD
10-yr sovereign spread vs Germany	le vel	Daily			
France Italy	37 279 153	1.4 10.9	4.1 26.9	9 52	7
Portugal	153 114	6.6 4.6	16.5	14 15	4
Spein 2-yr sovereign spread vs Germany France	19	0.7	-0.6	-4	3
Italy	196	15.7	39.8 10.0	62	159
Portugal Spain	52 41	4.7	10.0	-2 7	2 14
Emerging Markets 5-yr sovereign CDS *	level	Daily	Weekly	Monthly	YTD
Brazil Chile	237 52	11.6 0.5	27	-13 -7	76 3
Colombia	110	2.5	7	-2	5
Argentina Mexico	566 121	81.7 3.5	138 7	128 3	328 14
Peru Poland	79 62	1.2	3	-6 2	7
Russia Turkey	170 449	12.8 74.5	35 115	42	52 285
China India	64 87	3.4 0.2	1	-122 -8 -14	13 18
Indonesia	120	0.2 6.6	-2 4	-14	18 35
Volatility indicators (chance in pp)	k indicators level	Daily	Weekly	Monthly	YTD
VIX VSTOXX	14 16	0.6 0.8	3	1 2	4
EM EFT volatility Index	20	0.8	2	2	3
Dollar/euro volatility EM FX volatility index	12	1.3	1	2	4
Credit spread (BAA) (change in bps) US bonds volatility index	187 51	-0.2 3.3	4	-4 2	9 1
US bonds volatility index Inflation expectations (%) US Inflation expectations (5Y5Y)	level 2.42	Daily	Weekly -2	Monthly 0	91D 10
EZ Inflation expectations (5Y5Y) Banking Sy CDS (bps) *	1.71	Dalwe	0 Weekly	-1 Monthly	-3 YTD
U5	53	3.3	4 9	-3	11
EZ UK	96 67	8.4 2.8	3	6	57 26
Large Spanish Medium Spanish	91 90	12.0	15 0	2	55 15
Corporate 5y CDS (bps) * US Non-financial	level 156	Daily 3.3	Weekly 4	Monthly -3	YTD 11
EZ Non-financial	75	8.4	9	6	57
UK Non-finandal Interbank mar	100 kets (%, chi	1.0 Inges in by	<mark>0</mark> ມ	-6	7
EONIA Index	level -0.36	Daily	Weekly 0	Monthly 1	YTD 1
Euribor 3m Euribor 12m	-0.32	0	0	0	1 2
Ubor 3m	2.32	-2	-2	-2	62
Libor 12m Stori	2.82 k markets (-1	4	71
Main indices	level	Daily	Weekly	Monthly	YTD
					5
S&P500	2,832	0.0	-0.6	1.2	
Dow Jones Nikei	25,270 21,857	-0.2 -2.0	-0.9 -2.9	1.4	2
Dow Jones Nikkei FTSE 100 EuroStoxx 50	25,270 21,857 7,650 3,414	-0.2 -2.0 -0.2 -0.4	-0.9 -2.9 -0.2 -2.0	1.4 -1.5 0.0 -0.9	2 -4 0 -2
Dow Jones Nikei FTSE 100 EuroStoxx 50 IBEX DAX	25,270 21,857 7,650 3,414 9,542	-0.2 -2.0 -0.2 -0.4 -0.6 -0.4	-0.9 -2.9 -0.2 -2.0 -1.9 -1.8	1.4 1.5 0.0 0.9 -2.3 0.9	2 -4 0 -2 -5 -4
Dow Jones Nikki FTSE 100 EuroStox 50 IBEX DAX CAC CAC	25,270 21,857 7,650 3,414 9,542 12,376 5,418 20,995	-0.2 -2.0 -0.2 -0.4 -0.6 -0.4 0.1 -0.5	-0.9 -2.9 -0.2 -2.0 -1.9 -1.8 -1.1 -2.7	1.4 1.5 0.0 0.9 -2.3 0.9 0.2 3.6	2 -4 0 -2 -5 -4 2 -4
Dow Jones Nikoli FITSE TOO EuroSteox 50 IBEX DAX CAC CAC ASE Athens	25,270 21,857 7,650 3,414 9,542 12,376 5,418 20,995	-0.2 -2.0 -0.2 -0.4 -0.6 -0.4 0.1 -0.5 -3.1	-0.9 -2.9 -0.2 -2.0 -1.9 -1.8 -1.1 -2.7	1.4 1.5 0.0 0.9 -2.3 0.9 0.2 3.6	2 -4 0 -2 -5 -4 2
Dow Jones NMwi FISE 100 EuroStox 50 EuroStox 50 ElitEX DAX CAC CAC ASE Athens MSCI Latum ⁴ Thorospa (faxil)	25,270 21,857 7,650 3,414 9,542 12,376 5,418 20,995 721 84,309 76,815	-0.2 -2.0 -0.2 -0.4 -0.6 -0.4 -0.4 -0.1 -0.5 -3.1 -2.3 -2.3 -0.4	-0.9 -2.9 -0.2 -2.0 -1.9 -1.8 -1.1 -2.7 -5.1 -4.2 -5.2	1.4 1.5 0.0 0.9 -2.3 0.9 0.2 -3.6 -4.2 0.7 1.3	2 -4 0 -2 -5 -4 2 -4 -12 -2 -1
Dow Jones Newi FTSE 100 EuroStoux 50 IREX CAC DAX CAC MB ASE Ahmen MSCL Latam* IRowespo (fibrall) Mexto((dweko)	25,270 21,857 7,650 3,414 9,542 12,376 5,418 20,995 721 84,309 76,815 48,670 26,333	-0.2 -2.0 -0.4 -0.4 -0.6 -0.4 0.1 -0.5 -3.1 -2.3 0.4 0.6 -1.9	-0.9 -2.9 -0.2 -1.9 -1.8 -1.1 -2.7 -5.1 -4.2 -5.2 -1.3 -8.9	1.4 1.5 0.0 0.9 2.3 0.9 0.2 3.6 4.2 0.7 1.3 0.1 -1.4	2 -4 0 -2 -5 -4 2 -4 -12 -2 -1 -3 -15
Dow Jones Naka FTSE 100 Ewestows 50 IBEX DAX CAC CAC CAC MB MB MSCLatams MSCLATAMS MSC	25,270 21,857 7,650 3,414 9,542 12,376 5,418 20,995 721 84,309 76,815 48,670 26,333 5,248 2,261	-0.2 -2.0 -0.2 -0.4 -0.6 -0.4 0.1 -0.5 -3.1 -2.3 0.4 0.6 -1.9 -2.1 0.6	-0.9 -2.9 -0.2 -2.0 -1.9 -1.8 -1.1 -2.7 -5.1 -4.2 -5.2 -1.3	1.4 1.5 0.0 0.9 2.3 0.9 0.2 3.6 4.2 0.7 1.3 0.1 1.4 -1.1 4.6	2 -4 0 -2 -5 -4 2 -4 -12 -2 -2 -1 -3
Dow Jones Naka FTSE 100 Ewestows 50 IBEX DAX CAC CAC CAC MB MB MSCLatams MSCLATAMS MSC	25,270 21,857 7,650 3,414 9,542 12,376 5,418 20,952 721 84,309 76,815 48,670 26,333 5,248 2,261 4,264 92,685	-0.2 -2.0 -0.2 -0.4 -0.6 -0.4 -0.1 -0.5 -3.1 -2.3 -0.4 -0.6 -1.9 -2.1 0.6 0.6 -2.4	-0.9 -2.9 -0.2 -2.0 -1.9 -1.8 -1.1 -2.7 -5.1 -4.2 -5.2 -1.3 -8.9 -1.9 -1.5 -1.7	1.4 1.5 0.0 0.9 -2.3 0.9 0.2 3.6 4.2 0.7 1.3 0.1 -1.4 -1.1 4.6 5.1 3.5	2 -4 0 -2 -5 -4 2 -4 -12 -2 -1 -3 -15 -3
Dow Jones Naka FTS4 100 0 EXA DAX DAX CAC CAC MSCLatume* MSCLatume* MSCLatume* MSCLatume* MSCLatures* MSCLAtures* MSCLAtu	25,270 21,857 7,650 3,414 9,542 12,376 5,418 20,995 721 84,309 76,815 48,670 26,333 5,248 2,261	-0.2 -2.0 -0.2 -0.4 -0.4 -0.5 -3.1 -2.3 0.4 0.6 -1.9 -2.1 0.6 0.6 -2.4 -0.5	-0.9 -2.9 -0.2 -2.0 -1.9 -1.8 -1.1 -2.7 -5.1 -4.2 -5.2 -1.3 -8.9 -1.9 -1.5 -1.5 -1.7 -1.6 0.9 -3.0	1.4 1.5 0.0 0.9 2.3 0.9 0.2 3.6 4.2 0.7 1.3 0.1 -1.4 -1.1 4.6 5.1 3.5 0.9	2 4 0 2 5 4 2 4 12 2 1 3 3 15 3 8 3 2 21 4
Dow Jones Habd FTSE 100 DA DA CAC CAC MOS Unternet MSCL Laternet MSCL La	25,270 21,857 7,650 3,414 12,376 5,418 20,9542 12,376 5,418 20,957 721 84,309 76,815 48,670 26,333 5,248 2,261 4,264 92,685 887	-0.2 -2.0 -0.2 -0.4 -0.6 -0.4 -0.1 -0.5 -3.1 -2.3 -0.4 -0.6 -1.9 -2.1 -0.6 -0.6 -2.4 -0.5 -0.3 -3.4	-0.9 -2.9 -0.2 -2.0 -1.9 -1.8 -1.1 -2.7 -5.1 -4.2 -5.2 -1.3 -8.9 -1.9 -1.5 -1.5 -1.7 -1.6 0.9 -3.0	1.4 1.5 0.0 0.9 0.2 3.6 4.2 0.7 1.3 0.1 1.4 4.6 5.1 3.5 0.9 1.8 0.5	2 4 0 -2 5 4 -12 -2 4 -12 -2 -1 -3 -15 -3 8 3 -21 4 4 -17 -8
Dow Jones Made FTSE 1000 Exervitives 100 Exervitives 100 DAX DAX CAC MID MARCH 100 MARCH 100 MARCH 100 MARCH 100 Marcal (Argentina) MARCH 100 MARCH 1	25,270 21,857 7,650 3,414 9,542 12,376 5,418 20,995 721 84,309 76,815 48,633 5,248 2,261 4,264 92,685 887 2,786 5,861 145,4	-0.2 -2.0 -0.4 -0.6 -0.4 -0.4 -0.5 -3.1 -2.3 -0.4 -0.5 -3.1 -2.3 -0.6 -1.9 -2.1 -0.6 -0.6 -2.4 -0.5 -0.3 -3.4 Daiy -0.7	-0.9 -2.9 -0.2 -2.0 -1.9 -1.8 -1.1 -2.7 -5.1 -4.2 -5.2 -1.3 -8.9 -1.5 -1.5 -1.5 -1.7 -1.6 0.9 -3.0 -2.4 Weakly -2.8	1.4 -1.5 0.0 -2.3 0.9 -2.3 0.9 0.2 3.6 -4.2 0.7 1.3 0.1 -1.4 -1.1 4.6 5.1 3.5 0.9 -1.8 -0.9 -2.3 0.9 -2.3 0.9 0.2 -2.3 0.9 0.2 -2.3 -3.6 -4.2 -1.3 -1.4 -1.1 -1.4 -1.1 -1.5 -1.9 -1.8 -1.5 -1.9 -1.8 -1.8 -1.9 -1.8 -1.8 -1.9 -1.8 -1.8 -1.9 -1.8 -1.8 -1.9 -1.8	2 4 0 -2 5 4 4 -12 -2 -1 -3 -3 -3 -3 -3 -3 -3 -3 -3 -2 1 -4 -4 -17 -8 -3 -7 -2 -1 -3 -3 -7 -2 -2 -5 -5 -4 -2 -2 -2 -5 -5 -4 -2 -2 -2 -5 -5 -4 -2 -2 -2 -5 -5 -4 -2 -2 -2 -2 -5 -5 -4 -2 -2 -2 -2 -2 -2 -2 -2 -2 -3 -4 -2 -2 -2 -2 -1 -2 -2 -2 -1 -2 -2 -2 -2 -2 -2 -2 -2 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2
Dow Jones Hold & FTSE 100 EwerStores 60 BB / EwerStores 60 BB / EwerStores 60 BB / EwerStores 60 MB / EwerStores 60 Marcal Alexandro Marcal Alexandro Marcal Alexandro Marcal Alexandro Marcal Alexandro Marcal Alexandro Marcal Alexandro Marcal Alexandro Marcal Alexandro Stores 60 Marcal Alexandro Marcal Alexandro	25,270 21,857 7,650 3,414 9,542 12,376 5,418 20,995 721 84,309 76,815 44,309 76,815 44,309 26,333 5,248 2,261 4,264 92,685 887 2,786 5,861 145,4 115,2 69,8	-0.2 -2.0 -0.2 -0.4 -0.6 -0.4 -0.5 -3.1 -0.5 -3.1 -0.6 -1.9 -2.1 0.6 0.6 -2.4 -0.5 -0.6 -3.4 Daiy -0.7 -0.5 -0.6	-0.9 -2.9 -0.2 -2.0 -1.9 -1.8 -1.1 -2.7 -5.1 -5.2 -1.3 -8.9 -1.9 -1.5 -1.7 -1.6 0.9 -3.0 -2.4 Weekly -2.8 -1.7 -3.6	1.4 1.5 0.0 0.9 -2.3 0.9 -2.3 0.9 -2.3 0.2 -3.6 -4.2 0.7 1.3 0.1 -1.4 -1.1 4.6 5.1 0.9 -1.4 -1.1 4.6 5.1 0.9 -1.4 -1.1 4.6 5.1 0.9 -1.4 -1.1 -1.5 -0.5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -	2 4 0 -2 5 4 2 4 2 4 -12 -2 -1 3 -15 -3 -3 -3 -15 -3 -3 -2 1 -4 -4 -17 -8 -3 -7 -7 -6
Dow Jones Hold of FTSE 100 K50 F HOLD SC 0 DAX DAX DAX ASE Advess MSC Lature MSC Lature	25,270 21,857 7,650 3,414 9,542 20,995 721 84,305 76,815 48,670 26,333 5,248 2,261 4,264 92,685 887 2,786 5,861 5,865 5,861 145,4 115,2 69,8 30,9 48,0	-0.2 -2.0 -0.2 -0.4 -0.6 -0.4 -0.5 -3.1 -2.3 -0.4 -0.5 -1.9 -2.1 -0.6 -2.4 -0.5 -0.3 -3.4 Daiy -0.5 -0.6 -1.0 -0.8	-0.9 -2.9 -2.0 -1.8 -1.1 -3.1 -4.2 -5.2 -1.3 -6.2 -1.3 -1.5 -1.7 -1.5 -1.5 -1.5 -1.5 -1.5 -1.5 -1.5 -2.4 Weekly -2.4 Weekly -2.8 -2.0 -1.9 -1.8 -1.1 -2.1 -1.9 -1.8 -1.1 -2.1 -1.8 -1.1 -2.1 -1.8 -1.1 -2.1 -2.1 -2.1 -2.1 -2.1 -2.1 -2.1	1.4 1.5 0.0 9 -2.3 0.9 -2.3 0.2 3.6 4.2 0.7 1.3 0.1 -1.4 -1.1 4.6 5.1 3.5 0.9 -1.8 0.5 Monthly 4.0 7.8 1.9 7.4 0.0 0.0 0.2 0.2 0.2 0.2 0.2 0.2	2 4 0 -2 5 4 2 4 4 2 -1 2 -1 3 -1 5 -3 -3 -3 -3 -3 -2 1 4 -4 -17 -2 -2 -1 -3 -3 -7 -7 -6 -3 -8 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7
Dow Jones Habd FTSE1000 Extense 10 DAX DAX CAC CAC CAC CAC MBS MACLEAR	25,270 21,857 7,650 3,414 9,542 12,376 5,418 20,921 84,305 721 84,305 721 84,305 72,48 2,261 4,264 92,685 887 2,786 5,861 145,4 145,4 145,2 69,8 30,9 48,00 227,8	-0.2 -2.0 -0.4 -0.6 -0.4 -0.6 -1.9 -2.1 -0.6 -1.9 -2.1 -0.6 -2.4 -0.6 -1.9 -2.1 -0.6 -2.4 -0.5 -0.6 -0.3 -3.4 -0.5 -0.3 -0.3 -0.4 -0.5 -0.4 -0.4 -0.4 -0.4 -0.4 -0.4 -0.4 -0.4	-0.9 -2.9 -0.2 -2.0 -1.9 -1.8 -1.1 -2.7 -5.2 -1.3 -6.9 -1.9 -1.5 -1.7 -1.6 0.9 -2.4 Weakly -2.8 -1.7 -3.6 -2.0	1.4 1.4 1.5 0.0 0.9 0.2 3.6 4.2 0.7 1.3 0.1 1.4 4.5 1.4 1.4 1.4 1.4 4.5 1.4 0.9 1.4 4.2 0.7 1.3 0.9 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	2 4 0 -2 -5 4 2 4 -12 -2 -1 -1 -3 -15 -3 -3 -15 -3 -3 -21 -4 -17 -8 8 3 -27 -7 -7 -6 3
Dow Jones Naka Erist 100 Ewerklous 50 DAX DAX AK Altunes Mass Mass Mass Mass Mass Mass Mass Ma	25,270 21,857 7,650 3,414 9,542 20,995 721 84,309 76,815 48,670 26,333 5,248 2,261 42,64 92,685 887 2,786 5,861 i evel 145,4 145,2 65,861 i evel 145,2 80,9 48,00 227,8 88,4 5,21	0.2 2.0 0.2 0.4 0.4 0.5 3.1 2.3 0.4 0.5 3.1 2.3 0.4 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.3 3.4 0.5 3.4 0.5 0.3 0.4 0.5 0.5 0.4 0.4 0.5 0.5 0.4 0.4 0.5 0.5 0.5 0.4 0.4 0.5 0.5 0.5 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	-0.9 -2.0 -1.9 -1.8 -1.1 -2.7 -5.1 -4.2 -5.2 -1.3 -5.2 -1.3 -5.2 -1.9 -1.9 -1.5 -1.7 -1.6 0.9 -2.8 -1.7 -2.8 -1.7 -3.6 -2.0 -3.5 -3.5	1.4 1.4 1.5 0.0 0.9 0.2 3.6 0.2 3.6 0.2 0.7 1.3 0.1 1.4 4.2 0.7 1.3 0.9 1.4 4.2 0.7 1.3 0.9 0.2 0.7 1.3 0.9 0.2 0.7 1.3 0.9 0.2 0.7 1.3 0.9 0.2 0.7 1.3 0.9 0.2 0.7 1.3 0.9 0.2 0.7 1.3 0.9 0.9 0.2 0.7 1.3 0.9 0.9 0.2 0.7 1.3 0.9 0.9 0.7 1.3 0.9 0.9 0.7 1.3 0.9 0.9 0.9 0.7 1.3 0.9 0.9 0.9 0.7 1.3 0.9 0.9 0.9 0.7 1.3 0.9 0.9 1.4 1.4 0.9 0.9 1.4 1.4 0.9 0.9 1.3 0.9 0.9 1.3 0.9 0.9 1.3 0.9 0.9 1.3 1.4 1.4 1.4 0.9 0.9 1.8 0.9 0.9 1.8 0.9 1.8 0.9 1.8 0.9 0.9 1.8 0.9 1.8 0.9 1.8 0.9 1.9 1.9 0.4 0.0 0.0 0.9 1.9 0.0 0.0 0.9 0.9 1.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0	2 4 0 -2 5 4 4 2 4 -12 -2 -1 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -21 -17 -8 -3 -7 -7 -6 -3 -8 -119 -12 -2 -19 -19 -19 -19 -19 -19 -19 -19 -19 -19
Dow Jones Hold of FTSE 100 0 Hold of UK DAX Coll of MSC Latures MSC Latures MS	25,270 21,857 7,650 3,414 9,542 12,376 5,418 20,995 721 84,309 76,815 48,670 26,333 5,248 2,261 4,264 92,685 887 2,786 5,2641 0,2685 887 2,786 5,8611 0,27,86 5,861 0,27,86 0,99 48,00 227,8 8,30,9 48,00 227,8 8,30,9 48,00 227,8 8,30,9 227,8 8,30,9 227,8 8,30,9 227,8 8,30,9 227,8 8,30,9 227,8 1,45,41 2,5412 2,765 5,2412 2,776 5,2412 2,776 5,2412 2,776 5,2412 2,776 5,2412 2,776 5,2412 2,776 5,2412 2,776 5,2412 2,776 5,2412 2,776 5,2412 2,776 5,2412 2,776 5,248 5,249 5,248 5,249 5,248 5,249 5,248 5,249	0.2 2.0 0.2 0.4 0.4 0.5 3.1 2.3 0.4 0.5 3.1 2.3 0.4 0.6 0.6 0.6 0.6 0.6 0.6 0.3 3.4 0.5 2.1 0.6 0.6 0.3 3.4 0.5 1.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2	09 29 20 20 19 18 18 14 27 51 42 52 42 52 43 89 49 55 42 89 49 45 47 75 89 42 80 9 28 89 42 80 9 42 80 9 42 80 9 80 80 80 80 80 80 80 80 80 80 80 80 80	1.4 1.4 1.5 0.0 0.0 0.2 3.6 4.2 0.7 1.3 0.1 1.3 0.1 1.4 4.0 0.1 1.4 4.0 0.1 1.4 4.0 0.1 1.4 1.4 4.0 0.5 1.8 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2 4 0 -2 -5 -4 -2 -1 -2 -1 -3 -15 -3 -3 -3 -3 -21 -4 -4 -7 -8 -7 -6 -3 -19 -19 -19 -19 -6 -6 -6 -19 -19 -6 -6 -6 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7
Dow Jones Habd FTSE 100 DAX DAX CAC CAC CAC MBS Unitem * MSCL Latem * MSCL Hame * MSCL HAM	25,270 21,857 7,650 3,414 9,542 12,376 5,418 20,995 721 84,309 721 84,309 76,815 48,670 26,333 5,248 2,261 4,264 92,685 887 2,786 5,861 1 ,45,4 4,264 92,685 887 2,786 5,861 1 ,45,4 4,264 92,685 887 2,786 5,861 1 ,45,4 4,264 92,685 887 2,786 5,861 1 ,45,4 4,264 92,685 887 2,786 5,861 1 ,45,4 4,264 92,685 887 2,276 1,45,4 4,264 92,685 887 2,276 1,45,4 4,264 92,685 887 2,276 1,45,4 4,264 1,45,4 1,45,4 1,45,4 1,45,4 1,45,4 1,45,4 1,45,4 1,45,4 1,45,4 1,45,4 1,45,4 1,45,4 1,45,4 1,45,4 1,45,4 1,45,4 1,45,471,45,47 1,45,47 1,45,47 1,45,471,45,47 1,45,47 1,45,47 1,45,471,45,47 1,45,47 1,45,47 1,45,471,45,47 1,45,47 1,45,47 1,45,471,45,47 1,45,47 1,45,471,45,47 1,45,47 1,45,471,45,47 1,45,471,45,47 1,45,47 1,45,471,45,47 1,45,471,45,47 1,45,47 1,45,471,45,47 1,45,471,45,47 1,45,471,45,47 1,45,471,45,47 1,45,471,45,47 1,45,471,45,47 1,45,471,45,47 1,45,471,45,47 1,45,471,45,47 1,45,471,45,47 1,45,471,45,47 1,45,471,45,47 1,45,471,45,47 1,45,471,45,47 1,45,471,45,47 1,45,471,45,471,45,	0.2 2.0 0.2 0.2 0.4 0.6 0.6 0.4 0.5 3.1 0.5 2.3 0.4 0.5 2.3 0.4 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.4 0.5 0.2 0.4 0.6 0.6 0.4 0.5 0.2 0.4 0.5 0.5 0.2 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	09 29 20 20 19 19 18 42 52 52 42 52 52 42 52 42 52 42 52 42 52 42 52 42 52 42 52 42 52 42 52 42 52 42 52 42 42 52 42 52 42 52 42 52 52 42 52 52 42 52 52 52 52 52 52 52 52 52 52 52 52 52	1.4 1.4 1.5 0.0 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	2 4 0 2 5 4 4 2 4 1 2 4 1 3 3 8 3 2 1 4 4 7 6 3 3 2 1 7 6 3 8 7 7 6 3 8 7 10 7 7 6 3 8 7 11 9 7 7 6 11 9 7 7 9 7 9 7 9 7 9 7 9 7 9 7 9 7 9
Dow Jones Habid Extense 16 Extense 16 Extense 16 DAX DAX CAC CAC CAC CAC CAC CAC CAC CAC CAC C	25200 21.857 3.414 12.376 5.418 20.995 5.418 20.995 7.6815 48.670 2.6333 5.246 48.670 2.6333 5.246 48.670 2.6333 5.246 2.4264 48.670 2.786 5.861 1.45.4 115.2 2.786 60.8 30.9 42.0 49.0 45.2 1.45.4 115.2 2.7 8.67 2.7 8.67 2.7 8.67 2.7 8.67 2.7 8.67 2.7 8.67 2.7 8.67 2.7 8.67 2.7 8.67 2.7 8.67 2.7 8.67 2.7 8.67 2.7 8.67 2.7 8.67 2.7 8.67 2.7 8.67 2.7 8.67 2.7 2.7 8.67 2.7 2.7 8.67 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.	0.2 2.0 0.2 0.2 0.4 0.6 0.6 0.6 0.5 3.1 0.5 2.3 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	09 29 20 20 19 18 41 42 52 42 42 52 42 42 42 52 42 42 42 42 42 42 42 42 42 42 42 42 42	1.4 1.5 0.0 0.2 2.3 0.2 2.3 0.2 2.3 0.2 2.3 0.2 2.3 0.5 0.7 1.3 0.1 1.4 1.4 0.9 0.5 0.5 Monthly 4.0 0.3 1.2 2.6 6.6 5.6 6.5 5.6 6.5 5.6 6.5 5.6 6.5 5.6 6.5 5.6 6.5 5.6 7.7 1.2 7.8 7.8 7.8 7.8 7.8 7.8 7.8 7.8 7.8 7.8	2 4 0 -2 5 -4 4 2 4 -1 2 - 4 -1 2 - - 1 3 -15 -3 8 - 3 - 15 -3 -8 -3 -2 1
Dow Jones Hold a FTSE 1000 Excluses 100 CAC CAC CAC CAC CAC CAC CAC CAC CAC C	25,200 21,857 7,850 3,414 9,542 9,542 9,413 9,544 9,2095 7,21 1,2,376 4,309 7,6,815 2,46 4,309 4,309 7,6,815 2,346 4,309 4,300	0.2 2.0 0.4 0.6 0.4 0.6 0.4 0.5 3.1 1.2 3.3 0.4 0.6 0.5 0.3 3.4 0.6 0.5 0.3 3.4 0.6 0.5 0.3 3.4 0.6 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	09 29 20 20 19 18 48 51 41 42 52 42 52 52 52 42 42 42 52 42 42 42 42 42 42 42 42 42 42 42 42 42	1.4 1.5 0.0 0.9 0.2 2.3 0.9 0.2 3.6 4.2 2 3.6 0.7 1.3 0.7 1.4 4.6 0.7 1.4 4.6 0.7 1.4 4.6 0.5 0.9 7.8 1.9 0.5 7.8 1.9 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2 4 0 2 5 4 4 2 4 2 4 2 4 2 4 12 2 2 4 3 3 5 3 3 3 2 11 4 4 7 7 6 3 8 8 11 19 -16 4 3 7 7 6 3 7 7 7 6 3 7 4 4 7 2 7 4 8 7 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8
Dow Jones Habita FTSE 100 C DAX DAX CAC CAC CAC CAC CAC CAC CAC CAC CAC C	25,200 21,857 7,850 3,414 9,542 12,376 24,418 20,995 24,418 20,995 24,418 20,995 24,418 48,670 27,418 48,670 42,641 42,644 42,644 115,2 20,808 40,040,0	0.2 2.0 0.2 0.2 0.4 0.6 0.6 0.4 0.5 3.1 0.5 2.3 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0.9 2.9 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0	1.4 1.5 0.0 0.9 0.2 3.6 4.2 0.7 1.3 3.6 4.0 7.1 3.5 0.9 1.4 4.0 1.4 1.4 4.6 5.1 1.4 4.6 5.1 1.4 1.4 4.0 0.3 1.1 2.5 6.6 6.6 6.5 6.5 6.5 6.5 6.5 6.5 6.5 6	2 4 0 2 5 4 4 2 4 4 2 2 4 4 7 3 3 3 4 15 3 3 3 2 11 4 4 7 7 7 6 3 8 8 3 2 14 4 7 7 7 6 3 8 8 3 2 14 4 17 2 2 9 4 10 2 9 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
Dow Jones Hold a FTSE TOO Extense TO Extense TO Content of the Content DAX Annual Content Housepage (Darith Morar & Organita) Morar & Orga	25,270 21,857 7,850 3,414 9,542 2,0,995 7,21 2,0,995 7,0,997 7,0,	0.2 2.0 0.2 0.2 0.4 0.6 0.6 0.6 0.1 0.5 1.1 0.6 1.9 0.6 0.5 0.3 0.4 0.6 0.5 0.3 0.4 0.6 0.5 0.5 0.3 0.4 0.6 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.9 9.2 2.2 2.2 1.9 1.8 4.1 4.1 4.2 4.3 4.9 4.9 4.9 3.0 4.9 3.0 4.9 3.0 4.9 3.0 4.9 3.0 4.9 4.9 3.0 4.9 4.9 3.0 4.9 4.9 4.9 4.9 4.9 4.9 4.9 4.9 4.9 4.9	1.4 1.5 0.0 0.9 0.2 3.6 4.2 0.2 3.6 4.2 0.2 3.6 4.2 0.2 3.6 4.2 0.2 3.6 4.2 0.2 3.6 4.2 0.2 3.6 4.2 0.2 1.3 0.9 4.2 0.9 4.2 0.9 4.2 0.9 4.2 1.3 0.9 7.8 1.2 1.2 1.3 1.3 0.9 7.8 1.2 1.2 1.2 1.2 1.2 1.2 1.3 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	2 4 0 2 5 4 2 4 4 2 2 4 4 2 2 4 1 2 2 4 1 3 3 7 4 7 7 6 3 8 3 2 11 4 4 7 7 7 6 3 8 8 7 17 9 7 6 5 3 8 8 8 1-11-19 7 6 5 8 8 8 1-11-19 7 7 6 9 9 9
Dow Jones Hole of FTSE 100 10 CAC DAX CAC CAC CAC CAC CAC CAC CAC CAC CAC C	25,270 21,857 7,850 3,414 9,542 2,0,995 7,21 2,0,995 7,0,997 7,0,	0.2 0.2 0.2 0.4 0.2 0.4 0.5 0.4 0.6 0.4 0.5 0.3 0.4 0.6 1.9 0.4 0.6 0.4 0.6 0.4 0.6 0.4 0.6 0.4 0.6 0.4 0.6 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.9 9.2 2.2 2.2 1.9 1.8 4.1 4.1 4.2 4.3 4.9 4.9 4.9 3.0 4.9 3.0 4.9 3.0 4.9 3.0 4.9 3.0 4.9 4.9 3.0 4.9 4.9 3.0 4.9 4.9 4.9 4.9 4.9 4.9 4.9 4.9 4.9 4.9	1.4 1.5 0.0 0.2 0.2 0.2 0.2 0.2 0.2 0.2	2 4 9 2 5 4 2 4 -12 2 -1 -3 -15 -3 -8 -3 -2 1 -4 -17 -8 -7 -6 -3 -8 -3 -2 1 -4 -17 -8 -7 -6 -3 -8 -11 -9 -9 -6 -11 -9 -9 -7 -19 -9 -2 -19 -2 -19
Dow Jones Hole of FTSE 100 0 Colored States DAX Colored States MSC Laters MSC	25220 21,857 7,850 5,414 9,542 20,995 7,21 7,217 6,815 2,439 2,430 9,76,815 2,439 2,430 2,635 80,7 2,248 2,430 2,435 80,7 2,248 5,248 1,52 2,438 2,439 2,438 2,439 2,438 2,439 2,438 2,439 2,449	0.2 0.2 0.2 0.4 0.6 0.4 0.6 0.4 0.5 0.4 0.5 0.4 0.5 0.6 0.6 0.6 0.5 0.6 0.5 0.6 0.5 0.6 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.9 2.9 2.2 2.0 1.9 1.8 1.1 1.7 5.1 1.2 7.5 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	1.4 1.5 0.9 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	2 4 0 2 5 4 4 2 4 4 2 4 4 2 2 4 4 7 2 3 3 5 2 1 4 4 7 7 6 3 3 2 1 4 4 7 7 6 3 3 2 1 4 4 7 2 4 4 7 2 4 4 7 2 4 4 7 2 4 4 7 2 4 4 7 2 4 4 7 2 4 4 7 2 4 4 7 2 4 7 4 7
Dow Jones Dow Jones FISE 100 FISE 100 FISE 100 CAC CAC CAC AMB More 100 FISE 100 FIS	25220 21,857 7,850 9,542 9,543 9,542 48,670 48,670 48,670 48,670 42,643 48,670 42,643 48,670 42,643 48,670 42,643 42,644 42,643 42,644 42,643 42,643 42,643 42,644 42,643 42,643 42,643 42,644 44,6444 44,6444 44,6444 44,6444 44,644444,6444 44,6444 44,644444,6444 44,6444 44,6444444,6444 44,644444,6444 44,644444,6444 44,644444,6444 44,644444,6444 44,644444,64444 44,644444,6444444,64444 44,6444444,6	0.2 2.0 0.2 0.4 0.6 0.4 0.6 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.9 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	1.4 1.5 0.9 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	2 4 0 2 - 5 4 2 2 4 - 12 2 4 - 13 3 3 2 14 - 17 2 7 6 3 3 3 2 14 - 17 2 7 6 3 3 8 3 3 2 14 - 17 2 7 6 3 8 8 3 7 2 14 - 17 7 6 7 6 9 8 9 9 9 9 9 9 9 10 10 10 10 10 10 10 10 10 10 10 10 10 1
Dow Jones Hole of PTSC 100 Extense 10 CAC CAC CAC CAC CAC CAC CAC CAC CAC CA	25220 21,857 7,850 9,542 9,542 9,543 43,60	-0.2 -0.0 -0.0 -0.4 -0.4 -0.4 -0.4 -0.5 -0.4 -0.5 -0.4 -0.5 -0.4 -0.5 -0.4 -0.5 -0.4 -0.5 -0.4 -0.5 -0.4 -0.4 -0.4 -0.4 -0.4 -0.4 -0.4 -0.4	0.9 2.9 0.2 2.0 1.9 4.1 5.1 5.1 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	1.4 1.5 0.0 0.2 3.6 0.2 3.6 0.2 3.6 0.2 3.6 1.3 0.1 1.4 1.1 1.4 1.4 1.4 1.4 1.4 1	$\begin{array}{c} 2\\ 4\\ 0\\ 0\\ 2\\ 5\\ 4\\ 4\\ 2\\ 4\\ -12\\ 2\\ -1\\ 3\\ -3\\ -3\\ -3\\ -3\\ -3\\ -3\\ -3\\ -3\\ -3\\$
Dow Jones Prose Loops Prose Loops DAX DAX DAX DAX DAX DAX DAX AST Advess AST Advess AST Advess AST Advess AST Advess AST CH Aues AST	252200 21,857 7,8500 3,414 9,542 5,095 4,007 4,0	0.2 0.2 0.2 0.4 0.6 0.4 0.6 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.6 0.6 0.6 0.5 0.6 0.5 0.6 0.5 0.5 0.6 0.5 0.5 0.5 0.6 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.9 9.2 9.2 0.2 1.9 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	1.4 1.5 0.0 0.9 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	$\begin{array}{c} 2\\ 4\\ 0\\ 2\\ -5\\ 4\\ 2\\ 4\\ -2\\ -4\\ -2\\ -4\\ -2\\ -4\\ -2\\ -4\\ -2\\ -3\\ -3\\ -3\\ -3\\ -3\\ -3\\ -3\\ -3\\ -3\\ -3$
Dow Jones Hole (March 1998) 1984 1984 1984 1985 1985 1985 1985 1985 1985 1985 1985	25220 21,857 7,650 9,543 9,543 9,543 9,543 9,543 9,543 48,670 48,670 48,670 48,670 48,670 48,670 48,670 48,670 49,685 5,661 145,4 115,2 2,266 48,0 2,05 8,671 11,9 2,3 35,9 40,0 2,0 36,0 40,0 40,0 40,0 40,0 40,0 40,0 40,0 4	0.2 0.2 0.2 0.2 0.4 0.6 0.4 0.6 0.4 0.5 0.3 0.4 0.5 0.3 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.9 0.2 2.9 0.2 0.2 0.2 1.9 1.8 1.1 1.7 5.1 2.7 5.1 2.7 5.1 2.7 5.1 3.0 1.5 1.7 1.6 0.9 1.5 1.7 1.6 0.9 2.0 1.9 1.9 1.5 1.7 1.6 0.9 2.0 1.9 1.5 1.7 1.6 0.9 2.0 1.9 1.9 1.9 1.5 1.7 1.6 0.9 2.0 1.9 1.9 1.5 1.7 1.6 0.9 2.0 1.9 1.5 1.7 1.6 0.9 1.5 1.7 1.6 0.9 2.7 1.6 0.9 1.5 1.7 1.6 0.9 2.7 1.6 0.9 1.5 1.7 1.6 0.9 2.4 2.5 1.7 1.6 0.9 2.4 2.5 1.7 1.6 0.9 2.4 2.5 1.7 1.6 0.9 2.4 2.5 1.7 1.6 0.9 2.4 2.5 1.7 1.6 0.9 2.4 2.5 1.7 1.6 0.9 2.4 2.5 1.7 1.6 0.9 2.4 2.5 1.7 1.6 0.9 2.4 2.5 1.7 1.6 0.9 2.4 2.5 1.7 1.6 0.9 2.4 2.5 1.7 1.6 0.9 2.4 2.5 1.7 1.6 0.9 2.4 2.5 1.7 1.6 0.9 2.4 2.5 1.7 1.6 0.9 2.4 2.5 1.7 1.7 1.6 0.9 2.4 2.5 1.7 1.7 1.6 0.9 2.4 2.5 1.7 1.7 1.6 0.9 2.4 2.5 3.6 2.5 3.7 7.5 2.4 2.4 2.5 3.6 2.5 3.7 7.5 2.4 2.4 2.5 3.6 2.5 3.7 7.5 2.4 2.4 2.5 3.6 2.5 3.7 7.7 2.4 2.5 3.4 2.4 2.5 3.4 2.4 2.5 3.4 2.4 2.5 3.4 2.4 2.5 3.4 2.4 2.5 3.4 2.4 2.5 3.4 2.4 2.5 3.4 2.4 2.5 3.4 2.4 2.5 3.4 2.4 2.5 3.4 2.4 2.5 3.4 2.4 2.4 2.5 3.4 2.4 2.4 2.5 3.4 2.4 2.4 2.5 3.4 2.4 2.4 2.5 3.4 2.4 2.5 3.4 2.4 2.5 3.4 2.4 2.5 3.4 2.4 3.5 2.4 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5	1.4 1.5 0.0 0.9 0.2 0.9 0.2 0.9 0.2 0.3 0.5 0.7 1.3 0.7 1.3 0.7 1.3 0.7 1.3 0.7 1.4 1.4 1.4 1.4 1.5 0.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1	2 4 0 2 2 5 4 4 2 4 2 4 4 2 2 7 6 3 8 3 3 2 1 4 4 7 2 7 6 3 8 3 3 2 1 4 4 7 7 6 8 3 3 2 1 4 1 7 7 6 8 3 3 2 1 4 1 7 7 6 8 3 1 1 1 7 8 7 6 4 1 7 7 6 8 3 1 1 1 7 8 7 8 7 1 1 1 7 8 7 8 7 1 1 1 7 8 7 8 7 1 1 1 7 8 7 8 7 1 1 1 1 9 9 2 2 1 1 9 2 2 1 9 2 2 1 9 2 2 1 9 2 2 1 9 2 2 1 9 2 2 1 9 2 2 1 9 2 2 1 9 2 2 1 9 2 2 1 9 2 2 1 9 2 2 1 9 2 2 1 9 2 2 1 9 2 2 1 9 2 2 1 9 2 2 1 9 2 2 1 1 9 2 2 1 1 9 2 2 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 1 2 2 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1
Dowinne, Post Jone FISE 100 Extense 10 DAX DAX DAX CAC CAC CAC DAX MOST Lature Most Of United Most Of Original Most Of Original Control Cont	25220 21,857 7,850 9,542 9,542 20,995	0.2 0.2 0.2 0.2 0.4 0.6 0.4 0.6 0.4 0.5 0.3 0.4 0.5 0.3 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.9 0.2 2.9 0.2 0.2 0.2 0.2 1.9 1.8 1.1 1.2 1.2 1.2 1.2 1.2 1.2 1.2	1.4 1.5 0.0 0.9 0.2 0.9 0.2 0.9 0.2 0.9 0.2 0.3 0.5 0.7 1.3 0.7 1.3 0.7 1.3 0.7 1.4 1.4 1.4 1.5 0.9 0.5 0.5 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9	2 4 0 2 2 5 4 4 2 2 4 4 2 7 4 5 3 3 2 1 4 4 4 7 7 6 3 3 2 1 4 4 7 7 6 3 8 3 2 1 1 4 7 7 6 3 8 3 2 1 1 4 1 7 7 6 3 8 8 3 2 1 1 4 1 7 7 6 3 8 8 8 1 1 1 7 7 6 8 8 1 1 1 7 8 9 8 6 1 1 1 7 9 9 2 2 1 1 1 1 9 9 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Dow Jones Hole Jo	25220 21,857 7,850 3,4114 12,376 5,418 20,995 5,418 20,995 6,418 20,995 6,418 20,995 6,418 20,995 6,418 20,995 6,418 20,419 20,4	022 020 022 04 06 04 06 04 05 03 04 05 03 04 05 03 04 05 03 04 05 03 04 05 04 05 04 05 04 05 05 06 05 06 05 06 05 06 05 06 05 06 06 06 06 06 06 06 06 06 06	0.99 0.29 0.2 0.20 1.9 0.2 0.18 1.11 2.7 5.1 4.2 1.3 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	1.4 1.5 0.0 0.9 0.2 0.9 0.2 0.9 0.2 0.3 0.5 0.5 0.7 1.3 0.7 1.3 0.7 1.3 1.4 0.7 1.4 0.7 1.4 0.7 1.4 1.4 0.5 1.5 1.4 0.5 1.5 0.7 1.3 0.7 1.4 1.4 0.7 0.7 1.4 1.4 0.7 0.7 0.7 1.4 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	$\begin{array}{c} 2 \\ 4 \\ 0 \\ 2 \\ 3 \\ 4 \\ 2 \\ 4 \\ 2 \\ 4 \\ 4 \\ 2 \\ 2 \\ 4 \\ 4$
Dow Jones Hade Mathe FFJSE 100 CAC CAC CAC CAC CAC CAC CAC CAC CAC C	25220 21,857 7,850 3,414 91,276 84,305 20,995 20,917 20,91	0.2 0.2 0.2 0.2 0.2 0.2 0.4 0.4 0.4 0.5 0.5 0.4 0.5 0.5 0.5 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.9 9.29 9.29 9.20 1.9 1.18 1.1 1.1 4.2 5.1 1.5 7.1 4.2 5.1 1.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7	1.4 1.5 0.0 0.9 0.2 0.9 0.2 0.5 0.9 0.2 0.5 0.2 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	$\begin{array}{c} 2 \\ 4 \\ 0 \\ 2 \\ 3 \\ 4 \\ 4 \\ 2 \\ 4 \\ 2 \\ 4 \\ 4 \\ 2 \\ 2 \\ 4 \\ 4$
Dowinne, 1999, 199	25220 21,857 7,850 4,842 22,365 4,842 20,995 4,845 20,995 7,8415 20,995 7,8415 20,995 7,8415 20,995 7,8415 20,995 7,845 20,2461 20,246	0.2 0.2 0.2 0.2 0.4 0.6 0.4 0.6 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.5 0.4 0.5 0.5 0.5 0.4 0.5 0.5 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.9 0.2 2.9 0.2 0.2 1.9 1.1 1.1 1.2 2.0 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	1.4 1.5 0.0 0.2 0.9 0.2 0.9 0.2 0.3 0.2 0.3 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	2 4 0 2 2 5 4 4 0 2 2 5 4 4 4 2 4 4 1 3 3 15 3 21 4 4 1 4 2 2 4 4 1 3 3 15 3 21 4 4 1 7 3 3 8 3 2 1 4 4 7 7 6 3 3 2 1 4 1 7 7 6 3 3 2 1 4 1 7 7 7 6 3 3 2 1 4 1 7 7 7 6 3 3 2 7 8 7 7 6 3 3 2 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8
Dow Jones Hose Jo	25220 21,857 7,850 8,9542 20,9	0.2 0.2 0.2 0.2 0.2 0.2 0.4 0.5 0.4 0.5 0.4 0.5 0.3 0.4 0.5 0.3 0.4 0.5 0.5 0.3 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.9 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	1.4 1.5 0.0 0.9 0.2 0.9 0.2 0.9 0.2 0.9 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	2 4 0 2 3 8 4 2 4 4 12 2 4 4 17 2 3 8 3 3 1 4 4 17 8 3 3 1 14 4 17 8 3 8 3 1 4 17 8 3 8 3 1 4 17 8 3 1 4 17 17 8 3 18 19 19 10 10 10 10 10 10 10 10 10 10
Dow Jone Jone Jone Jone Jone Jone Jone Jone	25220 21,857 7,850 5,412 20,955 5,418 20,955 6,418 20,955 6,418 20,955 6,418 20,955 6,418 20,955 6,41 20,955 6,41 115,25 6,2761 145,4 115,25 6,05 1145,4 115,25 6,05 1145,4 115,25 6,05 1145,4 115,25 6,05 1145,4 115,25 6,05 11,25	0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	0.9 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	1.4 1.5 0.0 0.9 0.2 0.9 0.2 0.9 0.2 0.9 0.2 0.2 0.9 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	$\begin{array}{c} 2 \\ 4 \\ 0 \\ 2 \\ 2 \\ 4 \\ 4 \\ 2 \\ 2 \\ 4 \\ 1 \\ 2 \\ 2 \\ 4 \\ 1 \\ 2 \\ 2 \\ 4 \\ 1 \\ 2 \\ 2 \\ 4 \\ 1 \\ 2 \\ 2 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1$
Dow inno i i vision i i vision i visio vision i vision i vision i vision i vision i vision i	25220 21,857 7,850 8,418 5,418 5,418 6,439 9,542 2,241 12,376 4,309 7,6815 2,241 4,264 4,264 4,264 4,264 4,264 4,264 1,02 2,241 4,264 1,02 2,261 1,02 2,27 4 2,	0.2 0.2 0.2 0.2 0.2 0.2 0.4 0.6 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	0.9 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	1.4 1.5 0.0 0.9 0.2 0.9 0.2 0.9 0.2 0.9 0.2 0.2 0.3 0.1 1.3 0.1 1.4 1.4 0.1 0.1 0.1 0.3 0.1 1.4 1.4 0.1 0.3 0.1 0.1 0.3 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	2 4 0 2 2 5 4 4 2 2 4 4 2 2 4 4 12 2 2 1 1 3 15 3 8 3 2 1 4 17 8 8 3 2 1 4 4 7 7 8 9 3 2 1 4 17 9 4 1 3 3 1 5 3 2 1 4 17 9 4 1 1 9 9 2 2 1 9 9 2 2 9 4 1 5 9 4 1 5 9 4 1 5 9 9 2 2 9 4 1 5 9 7 7 8 9 9 7 7 8 1 9 9 7 7 9 9 7 7 9 9 7 7 9 9 7 7 9 9 7 7 9 9 9 7 7 9 9 9 7 7 9 9 9 7 7 9 9 7 7 9 9 7 7 9 9 7 7 9 9 7 7 9 9 7 7 9 9 9 7 7 9 9 7 7 9 9 7 7 9 9 7 7 9 9 7 7 9 9 7 7 9 9 7 7 9 9 7 7 9 9 7 7 9 7 7 9 9 7 7 7 9 9 7 7 9 9 7 7 9 9 7 7 7 9 9 7 7 7 9 9 7 7 7 9 7 7 9 9 7 7 7 9 9 7
Dow inno i i vision i i vision i visio vision i vision i vision i vision i vision i vision i	25270 21,857 7,850 8,9542 12,376 8,9542 12,376 8,418 9,542 7,218 8,4309 7,6310 5,248 8,4309 7,6310 5,248 4,309 7,6310 5,248 4,309 7,6310 5,248 4,309 7,6310 5,248 4,309 7,6310 5,248 4,309 7,6310 5,248 4,309 7,6310 5,248 4,309 7,6310 5,248 4,309 7,6310 7,750 7,75	0.2 0.2 0.2 0.2 0.4 0.4 0.4 0.4 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 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	0.99 0.29 0.22 0.90 1.90 1.90 1.11 1.12 1.13 1.90 1.13 1.90 1.14 1.13 1.90 1.14 1.13 1.13 1.13 1.13 1.13 1.13 1.13	1.4 1.5 0.0 0.9 2.3 0.9 2.4 2.4 0.9 2.4 0.9 2.4 0.9 2.4 0.9 2.4 0.9 2.4 0.9 2.4 0.9 2.4 0.9 2.4 0.9 2.4 0.9 2.4 0.9 2.4 0.9 2.4 0.9 2.4 0.9 2.4 0.9 2.4 2.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2 4 0 2 2 5 4 4 2 4 4 12 2 4 1 3 1 4 17 8 4 1 1 2 2 1 4 1 1 2 4 1 1 2 2 1 1 3 1 4 17 8 4 1 1 2 2 1 1 3 1 4 17 8 4 1 1 1 2 9 9 2 1 1 9 3 1 1 2 2 2 2 1 1 9 3 1 1 2 2 2 2 1 1 1 3 1 1 1 1 1 1 1 1 1
Dowines Hade Hade Hade Hade Second Comment And Comment Second Martin Comment Martin Comment Mart	25270 21,857 7,850 8,542 12,376 8,542 12,376 4,309 7,615 5,548 4,309 7,615 5,246 4,309 7,615 5,246 4,309 7,615 5,246 4,309 7,615 5,246 4,207 4,2	022 020 022 044 056 057 057 057 057 057 057 057 057 057 057	0.99 0.29 0.22 0.29 0.22 0.9 1.10 1.11 1.12 1.13 0.9 0.9 0.24 0.19 0.24 0.19 0.24 0.20 0.20	1.4 1.5 0.0 1.5 0.9 0.9 0.2 0.9 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	$\begin{array}{c} 2 \\ 4 \\ 0 \\ 2 \\ 2 \\ 4 \\ 1 \\ 2 \\ 4 \\ 1 \\ 1 \\ 3 \\ 1 \\ 3 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1$
Dowinnei	25220 21,857 7,2530 8,412 8,418 9,542 2,348 4,4309 7,6215 2,348 4,4309 7,6215 2,348 4,4309 7,6215 2,348 4,4309 2,5461 4,244 3,5461 4,2464,246 4,246 4,246 4,246 4,2464,246 4,246 4,246 4,2464,246 4,246 4,246 4	0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	0.99 0.29 0.29 0.29 0.29 0.29 0.29 0.29	1.4 1.5 0.0 1.5 0.9 0.2 0.9 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	$\begin{array}{c} 2 \\ 4 \\ 0 \\ 2 \\ 5 \\ 6 \\ 4 \\ 1 \\ 1 \\ 2 \\ 2 \\ 4 \\ 1 \\ 1 \\ 2 \\ 2 \\ 4 \\ 1 \\ 1 \\ 3 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1$
Dow Jones Prote (1999) Prote (1999) Prote (1999) Alex Anise Alex Anise A	25220 21.857 2.450 5.542 21.857 2.35 5.542 2.3418 5.542 2.3418 5.542 2.3418 5.542 2.3418 5.542 2.3418 5.242 2.3418 5.242 9.2.65 5.243 9.2.65 5.243 9.2.65 5.241 9.2.65 5.241 9.2.65 5.241 9.2.65 5.2418 9.2.65 7.2.65 7.2.65 7.2.65 7.2.65 7.2.55 7.2.55 7.2.55 7.2.55 7.2.55 7.2.55 7.2.55 7.2.55 7.2.55 7.2.55 7.2.55 7.2.55 7.2.55 7.2.55 7.55 7	022 020 022 044 04 04 04 05 04 05 04 05 05 05 05 05 05 05 05 05 05	0.99 0.99 0.29 0.29 0.29 0.29 0.29 0.29 0.29 0.29 0.29 0.29 0.29 0.29 0.29 0.29 0.29 0.29 0.29 0.29 0.20 0.00	1.4 1.5 1.5 0.0 0.9 2.3 2.1 0.9 2.3 2.3 3.4 2.3 3.3 3.4 2.3 3.3 3.4 2.3 3.3 3.4 2.3 3.3 3.4 2.3 3.3 3.4 2.3 3.3 3.4 2.3 3.3 3.4 2.3 3.3 3.4 2.3 3.5 3.5 2.1 2.1 2.1 2.3 3.5 3.5 2.3 3.5 2.1 2.1 2.3 3.5 3.5 2.3 3.5 2.1 2.1 2.3 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3	$\begin{array}{c} 2 & 4 \\ 0 & 2 \\ 2 & 4 \\ 1 & 2 \\ 2 & 4 \\ 1 & 2 \\ 2 & 4 \\ 1 & 2 \\ 2 & 4 \\ 1 & 2 \\ 2 & 4 \\ 1 & 2 \\ 2 & 4 \\ 1 & 2 \\ 2 & 4 \\ 1 & 2 \\ 2 & 4 \\ 1 & 2 \\ 1 & 4 \\ 1 & 4 \\ 1 & 2 \\ 2 & 4 \\ 1 & 4 \\ 1 & 2 \\ 2 & 4 \\ 1 & 4 \\ 1 & 2 \\ 2 & 4 \\ 1 & 4 \\ 1 & 2 \\ 2 & 4 \\ 1 & 4 \\ 1 & 2 \\ 2 & 4 \\ 1 & 4 \\$
Dowinnsi Source	25220 21,857 2,850 2,21,857 2,250 2,218 2,218 2,218 2,218 2,218 2,218 2,218 2,218 4,309 2,218 4,500	022 020 022 044 044 045 046 046 047 047 047 047 047 047 047 047	0.99 0.29 0.29 0.20 0.20 0.20 0.20 0.20	1.4 1.5 1.5 0.0 0.9 2.3 2.1 0.9 2.3 2.3 3.4 2.3 3.3 3.4 2.3 3.3 3.4 2.3 3.3 3.4 2.3 3.3 3.4 2.3 3.3 3.4 2.3 3.3 3.4 2.3 3.3 3.4 2.3 3.3 3.4 2.3 3.5 3.5 2.1 2.1 2.1 2.3 3.5 3.5 2.3 3.5 2.1 2.1 2.3 3.5 3.5 2.3 3.5 2.1 2.1 2.3 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3	$\begin{array}{c} 2 & 4 \\ 0 & 2 \\ 2 & 5 \\ 4 & 4 \\ 1 & 2 \\ 2 & 1 \\ 1 & 3 \\ 1 & 3 \\ 1 & 3 \\ 1 & 4 \\ 1 & 7 \\ 1 & 4 \\$
Dowinnsi Source	25220 21387 72530 5442 5448 5448 5448 5448 5448 7237 7648 54430 7648 54430 7648 54430 7648 54430 76430 5544 42645 1252 64530 76400 764000 764000 764000 764000 764000 764000 7640000000000	022 020 022 020 024 046 046 046 046 047 047 047 047 047 047 047 047	0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.99 0.90	1.4 1.4 1.5 0.0 0.2 0.2 0.2 0.2 0.2 0.2 0.2	$\begin{array}{c} 2 \\ 4 \\ 0 \\ 2 \\ 2 \\ 4 \\ 4 \\ 1 \\ 2 \\ 2 \\ 4 \\ 4 \\ 1 \\ 2 \\ 2 \\ 4 \\ 4 \\ 1 \\ 2 \\ 2 \\ 4 \\ 4 \\ 1 \\ 2 \\ 2 \\ 4 \\ 4 \\ 1 \\ 2 \\ 2 \\ 4 \\ 1 \\ 1 \\ 2 \\ 2 \\ 4 \\ 1 \\ 1 \\ 2 \\ 2 \\ 2 \\ 1 \\ 4 \\ 1 \\ 1 \\ 2 \\ 2 \\ 2 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1$
Dowinnsite in the set of the set	25220 21,857 7,850 5,542 12,376 8,542 12,376 44,309 7,615 5,548 9,265 2,278 44,309 7,615 5,248 9,265 4,309 7,615 5,248 9,265 4,309 9,265 4,309 9,265 4,309 9,265 4,309 9,265 4,309 9,265 4,309 9,265 4,309 9,265 4,309 11,52 4,50 4,50 4,50 4,50 4,50 4,50 4,50 4,50	0.2 0.2 0.2 0.2 0.2 0.2 0.4 0.4 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.99 0.92 0.92 0.92 0.92 0.92 0.92 0.92	1.4 1.5 0.0 0.2 0.2 0.2 0.2 0.2 0.2 0.2	$\begin{array}{c} 2 \\ 4 \\ 0 \\ 2 \\ 2 \\ 4 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1$
Dowinne, investigation of the section of the sectio	25220 21,857 7,850 9,542 12,376 8,5418 5,541 2,318 5,548 4,309 7,6310 5,246 4,309 7,6310 5,246 4,309 7,6310 5,246 4,309 4,246 4,446 4,446 4,4474,447 4,447 4,4474,447 4,447 4,4474,447 4,4474,447 4,4474,447 4,4474,447 4,4474,447 4,4474,447 4,4474,447 4,447	0.2 0.2 0.2 0.2 0.2 0.2 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	144 145 000 02 233 02 233 02 02 036 02 036 02 036 02 037 03 02 037 03 030 03 03 03 03 03 03 03 03 03 03 03	$\begin{array}{c} 2 & 4 \\ 0 & 0 \\ 2 & 5 \\ 4 & 4 \\ 1 & 2 \\ 2 & 1 \\ 1 & 1 \\ 1 & 3 \\ 2 & 1 \\ 1 & 1 \\ 1 & 1 \\ 2 & 1 \\ 1 & 1 \\$
Dowinne, investigation of the section of the sectio	25220 21,857 7,2650 5,412 5,418 5,422 12,376 4,430 7,211 5,448 5,448 5,448 5,448 5,448 5,448 5,448 5,448 4,430 5,246 4,440 4,4	022 023 024 024 025 026 026 026 026 027 026 026 026 026 026 026 026 026	0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	1.4 1.4 1.5 0.0 0.2 0.2 0.2 0.2 0.2 0.2 0.2	$\begin{array}{c} 2 \\ 4 \\ 0 \\ 2 \\ 2 \\ 4 \\ 4 \\ 2 \\ 2 \\ 4 \\ 4 \\ 2 \\ 2$
Dowinned i of program of the set	25220 21,857 7,2650 5,412 5,418 5,422 12,376 4,430 7,211 5,448 5,448 5,448 5,448 5,448 5,448 5,448 5,448 4,430 5,246 4,440 4,4	0.2 0.2 0.2 0.2 0.2 0.2 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	144 145 000 02 233 02 233 02 02 036 02 036 02 036 02 037 03 02 037 03 030 03 03 03 03 03 03 03 03 03 03 03	$\begin{array}{c} 2 & 4 \\ 0 & 2 \\ 2 & 5 \\ 4 & 4 \\ 1 & 2 \\ 2 & 1 \\ 1 & 1 \\ 1 & 3 \\ 2 & 1 \\ 1 & 1 \\ 1 & 3 \\ 2 & 1 \\ 1 & 1 \\$





Debt markets	10Y, %, ch	anges in I	ip)		
Developed Markets US (2-yr)			-3.3	Month 3	YTD 69
US GER (2-yr) Germany	2.61 2.88 -0.64	0.8	-6.4	3	69 41
Germany	0.32	-0.7 0.1	-5.3 -7.1	-4	-20
France Spain	0.69	1.5	-3.0 5.6	5 11	-14 -22
Italy Portugal	3.10 1.85	11.0 6.7	19.8 9.4	48 10	101 -16
	4.29	6.7 6.5 0.2	28.1 -0.5	41 2	18
Japan (2-yr) Japan Emerging Markets	-0.11 0.10	0.0	-0.9	6 Monthly	2 5 YTD
Brazi	11.90	5.7 -0.5	75.4	45	165
Chile Colombia	4.51 6.82	1.7	-4.4 -5.0	-8 27	-1 38
Mexico Peru	7.79	4.5	9.7	5	21 21
Poland Russia	3.16 8.50	1.0 11.5	5.8	-7 -3 83	-15 86
Turkey India	21.53 7.82	52.0	53.7 274.0	377	1017
Indonesia	7.94	6.9 24.1	14.0	4 41	164
Country ris Developed Markets	k (bp, chang	es in bp) Daily	Weekly	Monthly	YTD
10-yr sovereign spread vs Germany					
France Italy Portugal	37 279 153	1.4	4.1 26.9	9 52	7
Portugal Spain	153 114	6.6 4.6	16.5 12.7	14	4
2-yr sovereign spread vs Germany					
France Italy	19 196	0.7	-0.6 39.8	-1 62	3 159
Portugal Spain	52 41	5.9 4.7	10.0 12.7	-2	2
Emerging Markets	level	Daily	Weekly	Monthly	YTD
5-yr sovereign CDS * Brazi	237	11.6	27	-13	76
Chie Colombia	52 110	0.5	4	-7 -2	3
Argentina	566	81.7	138	128	328
Mexico Peru	121 79	3.5 1.2	7	3 -6	14
Poland	62	1.1	0	2	14
Russia Turkey	170 449	74.5	35 115	42 122	52 285
China	64 87	3.4 0.2	1	-8 -14	13 18
Indonesia	120	6.6	4	-6	35
Rist Volatilty indicators (change in pp)	k indicators level	Daily	Weekly	Monthly	YTD
VIX	14	0.6	3	1	4
VSTOXX EM EFT volatility Index	16 20	0.8	2	2	3
Dollar/euro volatility EM FX volatility index	8 12	0.0	1 2	1	1
EM FX volatility index Credit spread (BAA) (change in bps)	187	-0.2	4	-4	9
US bonds volatility index Inflation expectations (%)	51 level	3.3 Daily	4 Weekly	2 Monthly	1 YTD
US Inflation expectations (5Y5Y) EZ Inflation expectations (5Y5Y)	2.42	1	-2 0	0	10 -3
Banking Sy CDS (bps) *	level	Daily	Weekly	Monthly	YTD
US EZ	53 96	3.3 8.4	4	-3	11 57
UK Large Spanish	67 91	2.8	3	3	26
Medium Spanish	91	12.0 1.0	0	-6	55 15
Corporate Sy CDS (tops) * US Non-financial	level 156	Daily 3.3	Weekly 4	Monthly -3	УТD 11
EZ Non-financial	75	8.4	9	6	57
UK Non-financial Interbank mar	100 kets (%, cha	1.0 maes in b	0 p)	-6	7
		Daily	Weekly	Monthly	YTD
EONIA Index Euribor 3m	-0.36 -0.32	0	0	1	1
Euribor 3m Euribor 12m	-0.17	0	1	1	2
Libor 3m Libor 12m	2.32	-2 -1	-2 -1	4	71
Stoc	k markets (3				
Mainindices	level	Daily	Weekly	Monthly	YTD
			meenay		
S&P500 Dow Jones	2.832 25,270	0.0	-0.6 -0.9	1.2 1.4	5 2
Dow Jones Nikkei	25,270 21,857	0.0 -0.2 -2.0	-0.9 -2.9	1.4	2
Dow Jones Nikkei FTSE 100 EuroStoxx 50	25,270 21,857 7,650 3,414	0.0 -0.2 -2.0 -0.2 -0.4	-0.9 -2.9 -0.2 -2.0	1.4 -1.5 0.0 -0.9	2 -4 0 -2
Dow Jones Nikkei FTSE 100 EuroStoxx 50 IBEX DAX	25,270 21,857 7,650 3,414 9,542 12,376	0.0 -0.2 -2.0 -0.2 -0.4 -0.6 -0.4	-0.9 -2.9 -0.2 -2.0 -1.9 -1.8	1.4 4.5 0.0 0.9 -2.3 0.9	2 -4 0 -2 -5 -4
Dow Jones Nilosi FTSE 100 IBEX DAX CAC	25,270 21,857 7,650 3,414 9,542 12,376 5,418	0.0 -0.2 -2.0 -0.2 -0.4 -0.6 -0.4 -0.4 0.1	-0.9 -2.9 -0.2 -2.0 -1.9 -1.8 -1.1	1.4 4.5 0.0 0.9 -2.3 0.9 0.2	2 •4 0 •2 •5 •4 2
Dow Jones Nikkei F15E 100 EuroStoox 50 IBEX DAX CAC CAC ASE Athens	25,270 21,857 7,650 3,414 9,542 12,376 5,418 20,995 721	0.0 -0.2 -2.0 -0.2 -0.4 -0.6 -0.4 -0.4 -0.1 -0.5 -3.1	-0.9 -2.9 -0.2 -2.0 -1.9 -1.8 -1.1 -2.7 -5.1	1.4 4.5 0.0 0.9 -2.3 0.9 0.2 -3.6 4.2	2 -4 0 -2 -5 -4 2 -4 -12
Dow Jones Nilkei FTSE 100 EuroSkox 50 IBEX DAX CAC AC ASE Abens MB MSCLatam*	25,270 21,857 7,650 3,414 9,542 12,376 5,418 20,995	0.0 -0.2 -2.0 -0.2 -0.4 -0.6 -0.4 -0.4 -0.1 -0.5 -3.1 -2.3	-0.9 -2.9 -0.2 -2.0 -1.9 -1.8 -1.1 -2.7 -5.1 -4.2	1.4 4.5 0.0 -2.3 -0.9 -2.3 -0.9 0.2 -3.6 -4.2 0.7	2 -4 0 -2 -5 -4 2 -4
Dow Jones Nikol FTSE 100 EuroStoxx 50 IBEX CAC CAC MB ASE Afrees MSCL Latam* Ibovrego (Rhath) Merce) (Micro)	25,270 21.857 7,650 3,414 9,542 12,376 5,418 20,995 721 84,309 76,815 48,670	0.0 -0.2 -2.0 -0.4 -0.6 -0.4 0.1 -0.5 -3.1 -2.3 0.4 0.6	-0.9 -2.9 -0.2 -2.0 -1.9 -1.8 -1.1 -2.7 -5.1 -4.2 -5.2 -1.3	1.4 4.5 0.0 0.9 -2.3 0.9 0.2 -3.6 -4.2 0.7 1.3 -0.1	2 -4 0 -2 -5 -4 2 -4 -12 -2 -2 -1 -3
Dow Jones Nobie FTSE 100 Exceloses 50 IBEX DAX CAC MB ASE Afrens MSCLatam* Hoxepage (Xeril) Macol (Mesco) Marcal (Mergerina) MSCLEMEme_*	25,270 21,857 7,650 3,414 9,542 12,376 5,418 20,995 721 84,309 76,815 48,670 26,333 5,248	0.0 -0.2 -2.0 -0.2 -0.4 -0.6 -0.4 0.1 -0.5 -3.1 -2.3 0.4 0.6 -1.9 -2.1	-0.9 -2.9 -0.2 -2.0 -1.9 -1.8 -1.1 -2.7 -5.1 -4.2 -5.2 -1.3 -8.9 -1.9	1.4 1.5 0.0 0.9 2.3 0.9 0.2 3.6 4.2 0.7 1.3 0.1 -1.4 -1.1	2 4 0 2 5 4 2 4 4 2 4 4 12 2 1 3 15 3
Dow Jones Noted ErrSE1000 Evendence 50 UB2X CAX CAX CAX ASC Atoms MSCLatum* Iborega 074x00 MacG (Macko) MacG (Macko) MacKo (Macko)	25,270 21,857 7,650 3,414 9,542 12,376 5,418 20,995 721 84,309 76,815 48,670 26,333 5,248 2,261	0.0 -0.2 -2.0 -0.4 -0.4 -0.4 0.1 -0.5 -3.1 -2.3 0.4 0.6 -1.9 -2.1 0.6	-0.9 -2.9 -0.2 -2.0 -1.8 -1.1 -2.7 -5.1 -4.2 -5.2 -1.3 -8.9 -1.9 -1.5	1.4 1.5 0.0 0.9 2.3 0.9 0.2 3.6 4.2 0.7 1.3 0.1 1.4 4.1 4.6	2 -4 0 -2 -5 -4 2 -4 -12 -2 -1 -3 -15
Dow Jones Noted ErrSE1000 Evendence 50 UB2X CAX CAX CAX ASC Atoms MSCLatum* Iborega 074x00 MacG (Macko) MacG (Macko) MacKo (Macko)	25,270 21,857 7,650 3,414 9,542 12,376 5,418 20,995 721 84,309 76,815 48,670 26,333 5,248 2,261 4,264 92,685	0.0 -0.2 -2.0 -0.4 -0.4 -0.4 -0.4 -0.4 -0.4 -0.4 -0	-0.9 -2.9 -0.2 -2.0 -1.9 -1.8 -1.1 -2.7 -5.1 -4.2 -5.2 -1.3 -8.9 -1.9 -1.9 -1.9 -1.7 -1.6	1.4 1.5 0.0 0.9 -2.3 0.2 -3.6 4.2 0.7 1.3 -0.1 -1.4 -1.1 4.6 -5.1 -3.5	2 4 0 -2 -5 4 2 -4 -12 -2 -1 -3 -15 -3 -15 -3 -3 -8 3 -21
Dow Jones Noted ETFSE 1000 Exercision 2000 EXERCISION 2000 CAC CAC CAC ASK Enters MSCL Classical Narray (Argentra) March (Argentra) March (Argentra) March (Argentra) March (Argentra) March (Argentra) March (Argentra) Standard (Argentra) March (Argentra) Standard (Argentra) Standard (Argentra)	25,270 21,857 7,650 3,414 9,542 12,376 5,418 20,995 721 84,309 76,815 48,670 26,333 5,248 48,670 26,333 5,248 4,264 92,885 82,261	0.0 -0.2 -2.0 -0.4 -0.6 -0.4 -0.5 -3.1 -2.3 -2.3 -0.4 -1.9 -2.1 -0.6 -2.4 -0.5 -0.3	-0.9 2.9 0.2 2.0 -1.9 1.8 1.1 -2.7 5.1 -4.2 5.2 -1.3 -8.9 1.9 1.5 -1.7 -1.6 0.9 3.0	1.4 1.5 0.0 9 -2.3 -0.9 0.2 -3.6 -4.2 0.7 1.3 -0.1 -1.4 -1.1 4.6 -5.1 -3.5 0.9 -1.8	2 -4 0 -2 -5 -4 -2 -4 -12 -2 -1 -3 -15 -3 -8 3 -21 -4 -17
Dow Jones Noted FTSE 100 Exections 60 IBDX Downstream 200 IBDX Downstream 200 MSC Instam ** Theorems (Taxab) Model (Maccol) Model (Maccol) Mo	25,270 21,857 7,650 3,414 9,542 12,376 5,418 20,995 721 84,309 76,815 48,630 26,333 5,248 2,261 4,264 92,685 887	0.0 -0.2 -2.0 -0.4 -0.6 -0.4 0.1 -0.5 -3.1 -2.3 0.4 0.6 -1.9 -2.1 0.6 0.6 -2.4 -0.5 -0.3 -3.4	-0.9 2.9 0.2 2.0 -1.9 1.8 1.1 -2.7 5.1 -4.2 5.2 -1.3 -8.9 1.9 1.5 -1.7 -1.6 0.9 3.0	1.4 1.5 0.0 0.9 2.3 0.9 0.2 3.6 4.2 0.7 1.3 0.1 -1.4 -1.1 4.6 5.1 3.5 0.9	2 4 0 -2 -5 4 -12 -2 -1 -3 -15 -3 -15 -3 -3 -21 -4 -4 -17 -8
Dow Jones Hold & FTSE TOO Excelerator To Excelerator To DAX CAC CAC CAC CAC CAC CAC CAC CAC CAC C	25,270 21,857 7,650 3,414 9,542 12,376 5,418 20,995 721 84,309 76,815 44,309 76,815 44,309 26,333 5,248 2,641 92,685 887 8,776 6,786 5,861 145,4	0.0 -0.2 -2.0 -0.4 -0.6 -0.4 -0.5 -3.1 -2.3 0.4 0.6 -1.9 -2.1 0.6 0.6 -2.4 -0.5 -0.3 -3.4 Daily -0.7	-0.9 -2.9 -0.2 -2.0 -1.9 -1.8 -1.1 -2.7 -5.1 -4.2 -5.2 -1.3 -8.9 -1.9 -1.5 -1.7 -1.6 0.9 -3.0 -2.4 Weathy -2.8	1.4 1.5 0.0 0.9 2.3 0.9 0.2 3.6 4.2 0.7 1.3 0.1 1.4 -1.1 4.6 5.1 3.5 0.9 1.8 0.5 Monthly 4.0	2 4 0 -2 -5 4 2 -4 -12 -2 -1 -3 -3 -3 -8 3 -21 -4 -17 -8 YTD -2
Dow Jones Nobal Exercisions 10 Exercisions 10 DAX DAX CAC MB ACAC ACAC	25,270 21,857 7,650 3,414 9,542 12,376 5,418 20,995 721 84,309 76,815 48,670 26,333 5,248 48,670 26,333 5,248 887 2,786 5,847 2,786 5,847 145,4 115,2 69,8	0.0 -0.2 -2.0 -0.2 -0.4 -0.6 -0.4 -0.1 -0.5 -3.1 -2.3 -0.4 -0.5 -3.1 -2.3 -2.1 -2.1 -0.6 -1.9 -2.1 -0.6 -2.4 -0.5 -3.3 -3.4 Daily -0.7 -0.5 -3.1 -0.5 3.1 -0.5 3.1 -0.5 3.3 -0.5 3.5 3.5 	-0.9 -2.9 -2.0 -1.9 -1.8 -1.1 -2.7 -5.1 -4.2 -5.2 -1.3 -1.9 -1.9 -1.5 -1.7 -1.6 0.9 -3.0 -2.4 Weekly -2.8 -1.3 -3.6	1.4 1.5 0.0 0.9 2.3 0.2 3.6 4.2 0.7 1.3 0.1 1.4 -1.1 4.6 5.1 3.5 0.9 1.8 0.5 Monthly 4.0 7.8 1.9	2 4 0 -2 -5 -4 2 -4 -12 -2 -1 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -2 1 -4 -17 -2 -7 -6
Dow Jones Hold of FTSE 100 EXX test D DAX DAX CAC CAC CAC CAC MAC Dates MAC Lates Mac To Lates Mac To Lates Mac To Lates Mac To Charge Mac To	25,270 21,857 7,650 3,414 9,542 12,376 5,418 20,995 721 84,309 76,815 7,21 84,670 26,333 5,248 2,261 4,264 5,248 887 2,786 5,861 145,4 145,4 145,2	0.0 -0.2 -2.0 -0.4 -0.4 -0.4 -0.5 -3.1 -2.3 0.4 0.6 -1.9 -2.1 -0.6 0.6 -2.4 -0.5 -0.3 -3.4 Daily -0.7 -0.5 -0.6 -1.0	-0.9 -2.9 -0.2 -2.0 -1.8 -1.1 -2.7 -1.3 -6.1 -4.2 -5.1 -4.2 -5.1 -4.2 -1.3 -8.9 -1.9 -1.9 -1.5 -1.7 -1.6 -0.9 -2.4 -0.9 -2.8 -1.7 -3.6 -2.0 -2.0 -2.0 -2.0 -2.0 -2.0 -2.0 -2.0	1.4 1.5 0.0 9.9 2.3 0.2 3.6 4.2 0.7 1.3 0.1 -1.4 -1.1 4.6 5.1 0.9 1.8 5.5 0.9 1.8 5.5 0.9 1.8 5.5 0.9 1.8 1.5 0.9 1.4 1.1 4.6 5.1 0.9 1.4 1.1 4.6 5.5 0.9 1.8 1.5 0.9 1.4 1.4 1.1 1.4 1.5 0.9 1.8 1.5 0.9 1.8 1.4 1.4 1.1 1.5 0.9 1.8 1.5 0.9 1.8 1.5 0.9 1.8 1.9 1.8 1.9 1.8 1.9 1.9 1.8 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9	2 4 0 -2 -5 -4 -2 -4 -12 -2 -1 -3 -15 -3 -15 -3 -21 -4 -17 -8 3 -21 -4 -2 7 -2 7 -6 3
Dow Jones Hole at Extense To Extense To Extense To Extense To CAC CAC CAC CAC Main Moveque To Moveque To Moveq	25,270 21,857 7,650 3,414 9,542 9,542 12,376 5,418 20,995 721 84,309 76,815 48,670 26,333 5,248 48,670 26,333 5,248 887 2,786 145,4 145,4 145,2 69,8 145,4 145,2 69,9 48,0 227,8	0.0 0.2 2.0 0.4 0.6 0.4 0.5 3.1 2.3 0.4 0.6 0.6 0.6 0.6 0.6 0.6 0.5 0.3 0.4 0.5 0.5 0.3 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.4 0.4 0.6 0.5 0.5 0.4 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	-0.9 -2.9 -0.2 -2.0 -1.8 -1.1 -5.1 -5.1 -5.1 -4.2 -5.2 -1.3 -8.9 -1.5 -1.7 -1.6 0.9 -1.5 -1.7 -1.6 0.9 -2.4 -2.8 -1.7 -3.6 -2.0 -2.4 -2.8 -1.7 -3.6 -2.0 -3.5	1.4 1.5 0.0 0.9 0.2 3.6 4.2 0.7 1.3 -0.1 -1.4 -1.1 4.6 -5.1 3.5 0.9 -1.8 -5.5 0.9 -1.8 -0.9 -1.1 -1.4 -1.1 -1.5 -	2 4 0 -2 -5 -4 -12 -2 -1 -3 -15 -3 -3 -3 -15 -3 -3 -21 -4 -17 -8 YTD -2 7 -6 -3 -8 -17 -2 -2 -17 -3 -3 -15 -4 -17 -3 -3 -15 -3 -15 -3 -15 -3 -15 -3 -15 -3 -15 -3 -15 -3 -15 -3 -15 -3 -15 -3 -3 -15 -3 -3 -15 -3 -3 -15 -3 -15 -3 -4 -17 -4 -17 -4 -17 -4 -17 -4 -17 -3 -15 -3 -4 -17 -4 -17 -4 -17 -4 -17 -4 -17 -4 -17 -4 -17 -4 -17 -4 -17 -5 -5 -17 -4 -17 -5 -5 -17 -6 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7
Dow Jones Naka Erste 100 Ewerkens 10 DAX DAX CAC MB MAXEA Maxing Alexan Maxing Alexan	25,270 21,857 7,650 3,414 9,542 12,376 5,418 20,995 721 84,309 76,815 448,670 26,333 5,248 2,261 4,264 2,265 887 2,786 5,861 145,4 145,4 145,4 145,4 145,2 69,8 30,9 48,09 48,09 48,09 48,09 48,01 452,1	0.0 0.2 2.0 0.2 0.4 0.6 0.4 0.4 0.5 3.1 1 2.3 0.4 0.6 0.6 0.6 0.6 2.4 0.5 0.6 0.6 0.3 3.4 D 2.4 0.5 0.6 0.6 0.4 0.4 0.4 0.6 0.4 0.4 0.5 0.5 0.4 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.9 2.9 0.2 -2.0 1.9 1.8 1.1 -2.7 -5.1 -4.2 5.2 -1.3 -8.9 -1.9 -1.5 -1.7 -1.6 0.9 0.9 -2.8 -1.7 -2.8 -1.7 -3.6 -2.0 -2.8 -2.0 -3.0 -2.0 -3.0 -2.0 -3.0 -2.0 -3.0 -2.0 -3.0 -2.0 -3.5 -3.	1.4 1.5 0.0 0.2 0.2 3.6 4.2 0.7 1.3 3.6 4.2 0.7 1.3 0.1 1.4 4.6 5.1 5 0.9 1.8 0.5 Monthly 4.0 0.5 Monthly 7.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	2 4 0 -2 -5 -4 -12 -2 -1 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3
Dow Jones Hole 3 Histe Auer, Do Histe Auer, Do Histe Auer, Do Histe Auer, Do DAX DAX Auer, All Auer, All More at Van Auer, All More	25,270 21,857 7,650 3,414 9,542 12,376 5,418 20,995 721 84309 76,815 48,670 26,333 5,248 2,261 4,264 92,685 887 2,786 5,861 145,4 115,2 69,8 30,9 8,80 48,0 227,8 69,8 88,4	0.0 0.2 2.0 0.4 0.6 0.4 0.4 0.6 0.3 1.1 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.5 0.3 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.9 2.9 0.2 2.0 0.2 2.0 1.9 4.8 4.1 4.2 5.2 5.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4	1.4 1.5 0.0 0.9 0.2 3.6 4.2 0.7 1.3 0.1 1.4 4.1 1.4 4.6 5.1 5.1 5.1 0.9 1.8 0.9 1.8 0.9 4.0 7.8 1.9 4.0 7.4 0.0 0.9 1.2 3.6 0.0 0.2 3.6 0.9 0.2 3.6 0.9 0.2 3.6 0.9 0.2 3.6 0.9 0.2 3.6 0.9 0.2 3.6 0.7 0.2 3.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	2 4 0 -2 5 4 2 -4 -12 -2 -1 -3 -15 -3 -3 -5 -21 -4 -17 -8 YTD -2 7 -6 3 -8 -117 -3 -8 -21 -17 -8 -17 -2 -17 -3 -3 -21 -3 -3 -21 -3 -3 -21 -3 -3 -3 -21 -3 -3 -3 -3 -21 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3
Dow Jones Hold & TFSE 1000 Extense 100 Control Control DAX CAC CAC CAC CAC CAC CAC CAC CAC CAC C	25,270 21,857 7,650 3,414 9,542 12,376 5,424 12,376 5,248 48,670 26,333 5,248 2,261 4,264 4,276 5,266 5,866	0.0 0.2 2.0 0.4 0.6 0.4 0.4 0.6 0.3 1.1 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.5 0.3 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.9 2.9 0.2 2.0 0.2 2.0 1.9 1.9 4.8 4.1 4.2 5.2 4.2 5.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4	1.4 1.5 0.0 0.9 2.3 0.9 0.2 3.6 4.2 0.7 1.3 0.1 1.4 4.6 1.1 1.4 4.6 1.4 4.5 1.4 4.5 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	2 -4 0 -2 -5 -4 -4 -12 -2 -4 -4 -12 -2 -1 -3 -15 -3 -8 -3 -15 -3 -8 -3 -2 -1 -4 -4 -7 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5
Dow Jones Hold a Exciliance 10 Dox Dox CAC CAC Add Amenes Market	25,270 21,857 7,650 3,414 9,542 12,376 5,418 20,995 7,21 84,309 7,6,815 48,670 26,333 5,248 26,333 5,248 26,333 5,248 26,333 5,248 26,333 5,248 26,333 5,248 26,335 88,7 27,88 88,4 415,4 115,4 115,4 115,4 22,7,8 88,4 48,0 22,7,8 88,4 45,2,1 11,1,9 2,3 35,9	0.0 0.2 2.0 0.2 0.4 0.6 0.4 0.6 0.4 0.4 0.5 0.4 0.5 0.4 0.6 0.4 0.5 0.4 0.6 0.6 0.2 2.4 0.5 0.6 0.6 0.3 0.3 0.4 0.5 0.4 0.5 0.4 0.4 0.4 0.4 0.5 0.4 0.4 0.4 0.4 0.5 0.4 0.4 0.4 0.5 0.4 0.4 0.4 0.5 0.4 0.4 0.4 0.5 0.4 0.4 0.4 0.5 0.4 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.9 2.9 0.2 2.0 0.2 2.0 0.2 2.0 0.2 2.0 1.9 4.0 4.1 4.1 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2	1.4 1.5 0.0 0.9 2.3 0.9 0.2 3.6 4.2 0.7 1.3 0.7 1.3 0.7 1.4 4.1 1.4 4.5 1.5 1.4 4.0 0.9 4.0 9 4.0 9 4.0 9 4.0 9 4.2 3.6 4.2 1.3 0.7 1.4 4.1 1.4 4.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1	2 4 0 2 5 5 4 2 4 2 4 2 4 2 4 3 3 5 4 3 3 2 1 1 3 3 4 8 3 2 21 4 4 7 7 7 6 3 8 8 11 7 2 4 4 4 12 2 4 4 12 2 4 4 12 2 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
Dow Jones Hole of HTSE 1000 K0 ACC DAX ACC ACC ACC ACC ACC ACC ACC ACC ACC A	25,270 21,857 7,650 3,414 9,542 20,271 84,309 20,295 7,21 84,309 20,295 5,245 87 7,6815 5,248 87 7,6815 5,248 87 7,6815 5,248 87 7,6815 5,248 87 4,264 4,264 4,264 87 2,786 87 87 80,99 80,90 80	0.0 0.2 2.0 0.2 0.4 0.6 0.4 0.6 0.4 0.5 1.1 0.6 0.6 2.4 0.5 2.4 0.6 0.6 2.4 0.5 0.6 0.6 0.3 3.4 0.7 0.5 0.6 0.6 0.3 3.4 0.7 0.5 0.6 0.6 0.4 0.6 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.9 2.9 2.2 2.0 2.0 1.9 1.8 4.1 4.1 4.1 4.1 4.2 4.3 4.9 4.9 4.9 4.9 4.9 4.9 4.9 4.1 9 4.0 9 1.0 9 1.0 9 1.0 9 1.0 9 1.0 9 1.0 9 1.0 9 1.0 9 1.0 9 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	1.4 1.5 0.0 0.9 2.3 0.2 3.6 4.2 0.7 1.3 0.7 1.3 1.4 4.6 5.1 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1	2 4 0 2 5 5 4 2 4 2 4 2 4 2 4 3 3 5 4 1 2 1 3 3 3 2 1 1 3 3 3 2 1 4 4 7 7 7 6 3 8 8 3 2 2 1 4 4 12 2 4 4 12 2 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
Dow Jones Hole 3 Extense 16 Extense 16 Extense 16 Control 16 DAX DAX DAX CAC CAC CAC CAC Mass Mass CAC Mass Mass CAC Mass CAC Mas	25,270 21,857 7,650 3,414 9,542 20,995 7,21 12,376 5,418 43,099 7,6,815 2,48 43,099 7,6,815 2,48 44,070 26,333 2,6,48 44,070 26,335 2,7,86 5,248 42,7,86 5,861 145,4 4,464 9,2,685 2,7,86 5,861 145,4 4,644 9,2,685 2,7,86 5,861 145,4 4,644 9,2,685 2,7,86 5,861 145,4 4,644 9,2,685 2,7,86 5,861 145,4 4,644 9,2,685 2,7,85 5,861 145,2 4,25 6,25 8,27 8,27 8,27 8,27 8,27 8,27 8,27 8,27	0.0 0.2 2.0 0.2 0.2 0.4 0.6 0.4 0.1 0.5 0.3 1.1 0.6 0.5 0.3 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.9 2.9 0.2 2.0 1.9 1.8 1.1 2.7 1.5 1.1 4.2 4.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1	1.4 1.5 0.0 0.2 3.6 0.2 3.6 0.2 3.6 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	2 4 3 7 2 5 5 4 4 2 4 2 4 2 4 12 -2 -2 1 -15 -3 8 8 3 2 4 1-15 -3 8 -8 7 7 6 -6 7 4 18 19 19 16 9 -6 9 -6 9 -7 2 -7 2 -7 2 -7 2 -7 2 -7 2 -7 2 -7
Dow Jones Hole & Exciliants of the Exciliants of the DAX DAX CAC ACA MB Max ACA Amene Max ACA Amene Max ACA Amene Max ACA Max ACA Amene Max ACA Max AC	25,270 21,857 7,650 3,414 9,542 20,995 7,21 22,0995 7,21 24,309 7,6,815 2,48 4,309 7,6,815 2,48 4,309 7,6,815 2,5,48 4,4,64 4,4,64 4,24 4,24 4,24 4,24 4,25 4,25,861 11,52 4,25,861 11,52 4,25,861 11,52 4,25,861 11,52 4,25,861 11,52 4,25,861 11,52 4,25,861 11,52 4,52 4,52 4,52 4,52 4,52 4,52 4,52 4	0.0 0.2 2.0 0.2 0.2 0.4 0.6 0.4 0.4 0.5 3.1 1.2 0.4 0.6 0.5 0.3 0.4 0.5 0.3 1.9 0.2 0.4 0.5 0.3 1.9 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.9 0.2 2.9 0.2 2.0 1.9 1.8 1.1 2.7 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	1.4 1.5 0.0 0.9 0.2 3.6 4.2 0.7 1.3 3.6 1.4 1.1 1.4 4.6 1.3 0.9 1.8 0.9 1.8 0.9 1.8 0.9 1.8 0.9 1.8 0.9 1.8 0.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1	2 4 6 7 7 4 4 2 4 4 2 4 2 4 1 2 3 3 3 1 2 4 4 7 7 6 3 3 8 7 7 6 7 6 3 8 8 7 19 9 7 6 6 119 7 9 7 9 7 7 9 7 7 7 7 7 7 7 7 7 7 7
Dow Jones Hole & Exciliants of the Exciliants of the DAX DAX CAC ACA MB Max ACA Amene Max ACA Amene Max ACA Amene Max ACA Max ACA Amene Max ACA Max AC	25,270 21,857 7,650 3,414 9,542 20,995 7,21 12,376 5,418 43,099 7,6,815 2,48 43,099 7,6,815 2,48 44,070 26,333 2,6,48 44,070 26,335 2,7,86 5,248 42,7,86 5,861 145,4 4,464 9,2,685 2,7,86 5,861 145,4 4,644 9,2,685 2,7,86 5,861 145,4 4,644 9,2,685 2,7,86 5,861 145,4 4,644 9,2,685 2,7,86 5,861 145,4 4,644 9,2,685 2,7,85 5,861 145,2 4,25 6,25 8,27 8,27 8,27 8,27 8,27 8,27 8,27 8,27	0.0 0.2 2.0 0.2 0.4 0.6 0.4 0.4 0.4 0.5 3.1 1.2 0.6 0.6 0.3 1.9 0.6 0.6 0.3 3.4 0.6 0.5 0.3 0.4 0.6 0.4 0.4 0.5 0.4 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.9 0.2 2.9 0.2 2.0 1.9 1.8 1.1 2.7 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	1.4 1.5 0.0 0.9 0.2 3.6 4.2 0.7 1.3 3.6 1.4 1.1 1.4 4.6 1.3 0.9 1.8 0.9 1.8 0.9 1.8 0.9 1.8 0.9 1.8 0.9 1.8 0.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1	2 4 0 2 2 4 4 2 4 4 2 4 2 4 12 2 4 1 3 8 3 2 1 4 4 7 7 6 3 8 7 7 6 3 8 8 7 119 7 7 6 3 8 8 7 119 7 7 7 7 8 8 7 7 119 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Dow Jones Hole 3 Extense 16 Extense 16 Extense 16 Control 16 DAX DAX DAX DAX CAC Extense Hole 3 Hole	25,270 21,857 7,650 9,542 9,542 9,542 20,995 7,21 10,276 4,305 4,3	0.0 0.2 0.2 0.2 0.2 0.4 0.4 0.4 0.5 3.1 0.6 1.9 0.6 0.3 3.4 0.6 0.3 3.4 0.5 0.6 0.5 0.6 0.5 0.6 0.5 0.6 0.5 0.5 0.6 0.5 0.5 0.5 0.6 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.9 0.2 2.9 0.2 2.0 1.9 1.8 1.1 2.7 3.1 4.2 7 4.2 1.5 1.5 1.7 4.5 2.0 0.9 0.2 4.0 0.9 1.5 1.5 1.7 1.6 0.9 0.2 4.0 0.0 2.0 0.0 0.0 0.0 0.0 0.0 0	1.4 1.5 0.0 0.9 0.2 3.6 0.2 3.6 0.2 3.6 0.2 0.2 3.6 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	2 4 0 2 2 4 4 2 4 4 2 4 4 2 4 12 2 4 1 3 8 3 2 1 4 4 7 7 8 7 7 6 3 8 3 2 11 4 4 7 7 7 6 3 8 8 3 2 11 2 2 7 2 4 4 2 2 4 4 2 2 4 4 2 2 4 4 2 2 4 4 2 2 4 4 12 2 2 4 4 12 2 2 4 4 12 2 4 4 13 3 8 8 3 2 11 2 7 2 1 13 3 8 8 3 2 11 2 7 2 1 13 3 8 8 3 2 11 14 2 7 2 11 2 1 15 5 1 15 1 15 1 15 1 15 1
Dow Jones Hole 3 HTSE 1006 to 0 HTSE 1006 to 0 DAX ACE Atoms MSCL Lature 3 MSCL Lature 3 MSCL Lature 3 MSCL Lature 3 MSCL MSC 1000 MSCL MSC 1000 MSC 10000 MSC 1000 MSC 1000 MSC 10000 MSC 10000 MSC 1000 MSC 1000	25,270 21,857 7,650 9,542 9,542 9,542 20,995 7,21 20,997 7,21 20,977 7,21 20,9777 7,21 20,97777 7,210,	0.0 0.2 2.0 0.2 0.2 0.2 0.4 0.6 0.4 0.4 0.5 0.3 0.4 0.5 0.3 0.4 0.5 0.3 0.4 0.5 0.3 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.9 0.2 2.9 0.2 2.0 1.9 1.8 1.1 1.2 7.7 5.1 1.2 7.4 2.7 5.2 1.3 8.9 9 1.5 7.4 2.7 7.4 2.7 7.4 2.7 7.4 2.7 7.4 2.7 7.4 2.7 7.4 2.7 7.5 1.1 9.9 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0	1.4 15 00 09 23 60 23 60 23 42 00 73 13 13 14 1.1 1.4 1.1 4.6 5.1 5.6 5.6 5.6 6.6 6.6 6.6 6.6 6.6 6.6 5.6 5	2 4 0 2 5 4 4 2 4 4 2 4 4 2 4 4 12 2 4 4 12 2 4 3 3 5 2 1 4 3 3 2 21 4 4 7 7 6 3 3 8 8 119 7 2 4 4 12 2 4 4 12 2 4 4 12 2 4 4 12 2 4 4 12 2 4 4 12 2 4 4 12 2 4 4 12 2 4 4 12 2 4 4 12 2 4 4 12 2 4 4 12 2 4 4 12 2 4 4 12 2 4 4 12 2 4 4 13 3 3 3 2 21 4 4 12 2 4 4 13 3 3 3 8 8 12 4 14 12 2 4 4 13 3 3 3 8 8 8 119 10 10 10 10 10 10 10 10 10 10 10 10 10
Dow Jones Hole 3 Hole 3 Hole 3 DAX CAC CAC CAC CAC CAC CAC CAC CAC CAC C	25,270 21,857 7,650 9,542 9,542 9,543 64,309 7,21 64,309 7,21 64,309 7,21 64,309 7,21 64,309 7,21 64,309 7,21 64,309 7,21 64,309 7,21 64,309 6,631 145,4145,4 145,4 145,414,	0.0 0.2 2.0 0.2 0.2 0.4 0.4 0.4 0.5 3.1 0.5 3.1 0.4 0.5 3.1 0.5 0.5 0.5 0.3 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.9 0.2 2.9 0.2 2.0 1.9 4.1 4.1 4.1 5.1 4.2 5.2 4.2 5.2 4.2 4.2 4.2 5.2 4.2 4.2 4.2 4.2 0.9 4.0 9 4.0 9 4.0 9 4.0 0.9 0.2 4.4 4.2 0.0 4.0 0.9 4.0 0.9 4.0 0.9 4.0 0.9 4.0 0.9 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2	1.4 15 0.0 0.9 2.3 0.2 3.6 0.2 3.6 0.2 3.6 0.2 3.6 0.2 3.6 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	2 4 0 2 5 4 4 2 4 4 12 2 4 1 3 3 8 3 2 11 3 3 8 3 2 11 4 4 7 6 3 3 2 1 4 4 7 7 6 3 8 8 4 12 2 4 4 13 3 7 6 3 3 7 2 14 3 7 2 4 4 7 2 4 4 7 2 4 4 7 2 4 3 3 3 8 5 3 7 2 4 4 7 2 4 4 7 2 4 4 7 2 4 4 7 2 4 4 7 2 4 4 7 2 4 4 7 2 4 4 7 2 4 4 7 2 4 4 7 2 7 4 8 3 3 7 7 6 7 7 7 7 7 7 8 8 8 7 7 7 7 7 7 8 8 8 7 7 7 7 7 7 8 8 8 7 7 7 7 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 9 7 7 7 7
Dow Jones Hole All Extense 16 Extense 16 Extense 16 Extense 16 Extense 16 CAC DAX Most 10 Hole All Most 10 Hole All Hole All H	25,270 21,857 7,650 9,542 9,542 9,543 64,309 7,71 64,309 7,71 64,309 7,71 64,309 7,73 7,71 64,315 6,435 6,433 7,72 6,435 6,433 6,433 6,434 6,434 6,444 1,445 1,445 4,445 1,445 4,445 1,445 4,445 1,11,9 4,4454,445 4,445 4,445 4,4454,445 4,445 4,4454,445 4,445 4,4454,445 4,445 4,4454,445 4,4454,445 4,445 4,4454,445 4,445 4,4454,445 4,445 4,4454,445 4,445 4,4454,445 4,445 4,4454,445 4,445 4,4454,445 4,445 4,4454,445 4,445 4,4454,445 4,445 4,4454,445 4,4454,445 4,445 4,4454,4454,445 4,4454,4454,44	0.0 0.2 2.0 0.2 0.2 0.4 0.6 0.5 3.1 1.0 0.5 3.1 1.0 0.5 3.1 1.0 0.5 3.1 1.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0	0.9 0.2 2.9 0.2 2.0 1.9 1.8 1.1 1.2 7.7 5.1 1.2 7.4 2.7 5.2 1.3 8.9 9 1.5 7.4 2.7 7.4 2.7 7.4 2.7 7.4 2.7 7.4 2.7 7.4 2.7 7.4 2.7 7.5 1.1 9.9 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0	1.4 1.5 0.0 0.9 0.2 0.9 0.2 0.9 0.2 0.9 0.2 0.9 0.2 0.5 0.7 1.3 0.7 1.3 0.7 1.4 1.4 1.4 1.5 1.5 0.9 0.7 1.3 0.9 0.7 1.3 0.9 0.7 1.3 0.9 0.7 1.3 0.9 0.7 1.3 0.9 0.7 1.3 0.9 0.7 1.3 0.9 0.7 1.3 0.9 0.7 1.3 0.9 0.7 1.3 0.9 0.7 1.3 0.9 1.4 1.4 1.4 1.4 1.4 1.4 1.5 1.5 0.9 1.5 1.5 0.9 1.5 1.5 1.5 0.9 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	$\begin{array}{c} 2\\ 4\\ 0\\ 0\\ 2\\ 5\\ 4\\ 4\\ 2\\ 4\\ -12\\ 2\\ 4\\ -12\\ 2\\ -1\\ -3\\ -3\\ -3\\ -3\\ -3\\ -3\\ -3\\ -3\\ -3\\ -3$
Dow Jones Hole 3 Hole 3 Hole 3 Dow Jone 3 Dow Jone 3 Dow 3 D	25,270 21,857 7,650 5,418 9,542 5,418 9,542 48,670 27,21 84,309 48,67 48,670 48,670 48,670 48,670 49,268 5,268 5,268 5,2786 68,7 42,268 5,2786 5,2786 69,8 48,0 48,0 48,0 48,0 48,0 48,0 48,0 48	0.0 0.2 2.0 0.2 0.2 0.4 0.4 0.4 0.4 0.5 0.3 1.1 0.5 0.3 0.4 0.4 0.5 0.3 0.4 0.4 0.5 0.3 0.4 0.5 0.3 0.4 0.5 0.3 0.4 0.5 0.3 0.4 0.5 0.5 0.3 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.9 0.2 2.9 0.2 2.0 1.9 1.8 1.1 1.7 5.1 2.7 5.2 1.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 1.3 8.9 9 1.5 5.2 1.3 8.9 9 1.9 1.5 7.7 7.4 2.2 8.9 9.0 0.0 1.8 8.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1	1.4 15 0.0 0.9 0.2 3.6 0.7 1.3 0.7 1.4 1.4 1.4 1.4 5.1 3.5 3.5 3.5 0.9 1.8 0.5 1.8 0.5 1.8 0.5 1.8 0.5 0.5 6.5 5.6 5.6 5.6 5.6 5.6 5.6 5.6 1.0 0.2 0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	$\begin{array}{c} 2\\ 4\\ 0\\ 2\\ -2\\ -5\\ 4\\ 2\\ -4\\ -2\\ -4\\ -1\\ -2\\ -2\\ -2\\ -2\\ -2\\ -2\\ -2\\ -2\\ -2\\ -2$
Dow Jones Hose Normal Service Extension of Control Service Data Service CAC CAC CAC CAC CAC CAC CAC CAC CAC CA	25,270 21,857 7,650 41,87 21,87 21,87 21,87 20,395	0.0 0.2 2.0 0.2 2.0 0.4 0.5 0.2 0.2 0.2 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.9 0.2 2.9 0.2 0.0 1.9 0.1 1.0 1.1 1.1 1.1 1.0 0.1 0.2 1.0 0.9 0.2 1.0 0.0 0.2 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.4 15 0.0 0.9 2.3 0.9 0.2 3.6 4.2 0.7 1.3 0.7 1.3 1.4 4.6 0.7 1.3 0.9 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	2 4 0 2 5 4 4 2 4 4 2 4 4 2 4 3 3 4 5 3 3 1 2 4 4 7 7 6 3 3 3 1 2 4 4 7 7 7 6 3 3 3 1 2 7 7 6 3 3 1 2 7 4 4 7 2 4 4 7 2 8 3 3 1 2 7 4 9 3 3 1 2 7 8 9 8 9 8 9 9 8 9 9 9 9 9 9 9 9 9 9 9
Dow Jones TFSE 1000 Extense 104 Extense 104 Extense 104 Extense 104 Extense 104 DAX DAX DAX DAX DAX DAX DAX DAX	25,270 21,857 7,850 8,414 8,27 8,414 8,27 8,416 8,27 8,416 8,27 8,416 8,27 8,4168,416 8,416 8,4168,4	0.0 0.0 0.0 2.0 0.0 0.0 0.0 0.0	0.99 0.2 2.9 0.2 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	1.4 15 0.0 0.9 0.2 0.9 0.2 0.5 0.5 0.5 0.5 0.7 1.3 0.7 1.3 0.7 1.4 0.7 0.7 1.3 1.4 0.7 0.7 1.3 1.4 0.7 0.7 1.3 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	2 4 0 -2 -5 -4 4 2 4 4 2 -4 -1 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3
Dow Jones Tise 100 o Eatwore 100 o Eatwore 100 o Eatwore 100 o Eatwore 100 o Eatwore 100 o Eatwore 100 o More 100 o M	25,270 21,857 7,650 9,541 9,541 9,541 9,541 9,541 9,541 9,265 9,275 9,27	0.0 0.2 2.0 0.2 0.2 0.2 0.4 0.4 0.5 0.5 0.4 0.7 0.7 0.7 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0.99 0.2 2.9 0.2 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	1.4 15 0.0 0.9 2.3 0.9 0.2 3.6 4.2 0.7 1.3 0.5 0.7 1.3 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	2 4 0 2 5 5 4 4 2 4 4 2 4 4 2 2 4 4 2 2 4 4 2 2 4 3 5 5 3 3 5 15 3 3 3 2 21 4 4 7 2 2 4 4 7 2 2 4 4 4 2 2 4 4 4 2 2 3 5 5 5 4 7 2 2 4 4 3 5 5 5 4 4 7 2 2 3 5 5 5 4 7 2 2 4 4 4 7 2 2 3 5 5 5 3 5 5 5 7 2 7 2 3 5 5 5 7 2 7 4 7 2 7 2 3 5 5 5 7 3 5 5 5 7 7 2 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Dow Jones Hose Jones Hister Constant Extension of Constant Constant Constant Marcel (Marcel) Marcel (Marcel (Marcel) Marcel (Marcel (Marcel) Marcel (Marcel) Marcel (Marcel (M	25,270 21,857 7,850 9,542 21,857 7,850 9,542 20,995 7,818 20,995 7,818 20,995 7,818 20,995 7,818 20,995 7,818 20,995 7,818 20,995 7,818 20,995 7,818 20,995 7,818 20,995 7,818 20,995 20,205 807 7,818 20,205 20,205 807 20,205 807 20,205 807 20,205 807 20,205 807 20,205 807 20,205 807 20,205 807 20,205 807 20,205 807 20,205 807 20,205 807 20,205	0.0 0.2 2.0 0.2 0.2 0.2 0.4 0.4 0.5 0.5 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	0.99 0.2 2.9 0.2 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	1.4 1.5 0.0 0.9 0.2 0.9 0.2 0.5 0.5 0.9 0.2 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2 4 0 2 5 4 4 2 4 4 2 4 4 2 2 4 4 4 2 2 4 4 4 2 2 4 4 4 2 2 4 4 4 2 2 4 4 4 2 2 2 4 4 4 2 2 2 4 4 4 2 2 2 4 4 4 2 2 2 4 4 4 2 2 2 4 4 4 2 2 2 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 4 2 2 2 4 4 4 4 2 2 2 4 4 4 4 2 2 7 4 4 4 4
Dow Jones Hose Hose Hose Enterest Part Hose DAX Hose Hose Marcel (Hose Hose Marcel (Hose Hose DAX Hose Hose DAX Hose Hose DAX Hose Hose DAX Hose Hose DAX	25,270 21,857 7,850 9,542 21,857 7,850 9,542 20,954 20,9566 20,9566 20,956 20,9566 20,9566 20	0.0 0.2 2.0 0.2 0.2 0.2 0.4 0.5 0.5 0.3 0.1 0.5 0.3 0.4 0.5 0.5 0.3 0.4 0.5 0.5 0.3 0.4 0.5 0.5 0.3 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.9 0.2 2.9 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	1.4 1.5 0.0 0.9 0.2 0.9 0.2 0.9 0.2 0.9 0.2 0.5 0.9 0.2 1.6 0.5 0.9 0.2 1.6 0.5 0.6 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2 4 0 2 2 5 4 4 2 4 4 4 2 4 4 4 2 4 4 4 2 4 4 12 2 4 4 12 2 4 4 12 2 4 4 12 2 4 1 5 3 2 2 4 4 7 2 7 4 5 3 2 2 4 4 7 2 7 4 7 3 3 2 14 4 7 2 7 4 7 3 3 2 14 4 7 2 7 4 7 4 7 4 7 4 7 4 7 4 7 4 7 4
Dow Jones The Set of Control of	25,270 21,857 7,850 5,542 20,995 7,631 20,995 7,6315 20,995 7,6315 20,995 7,6315 20,995 7,6315 20,995 7,6315 20,995 20,90	0.0 0.2 2.0 0.2 2.0 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.9 0.2 2.9 0.2 2.0 1.9 0.2 1.9 0.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	1.4 1.5 0.0 0.9 0.2 0.9 0.2 0.9 0.9 0.9 0.9 0.2 0.9 0.2 0.9 0.2 0.9 0.2 0.9 0.2 0.9 0.2 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	2 4 0 2 2 3 4 4 2 4 4 2 4 4 1 3 3 5 4 4 4 2 4 4 1 3 3 5 3 2 2 4 4 7 6 3 3 2 2 4 4 7 7 6 3 3 2 2 4 4 7 2 7 4 3 3 5 2 2 4 4 2 2 4 4 2 2 4 4 2 2 4 4 2 2 4 4 2 2 3 5 5 3 2 2 4 4 2 2 7 4 4 2 2 4 4 2 2 4 4 2 2 4 4 2 2 3 5 5 3 3 2 2 4 4 7 7 6 3 3 3 2 2 4 4 7 7 6 3 3 3 2 2 4 4 7 7 6 3 3 3 2 2 4 4 7 7 7 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Dow Jones Hose Jones Hose Jones Hose Jones Autor Jones Autor Jones Michael Autor Jones	25,270 3,21,457 7,31,14 12,376 9,542 27,21 12,376 44,309 7,6815 44,309 44,309 7,6815 44,309 44,309 45,418 44,309 5,246 14,244 4,2444 4,2444 4,2444 4,2444444,244444 4,24444444444	0.0 0.2 2.0 0.2 0.2 0.4 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.6 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.9 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	1.4 1.5 0.0 0.9 2.3 0.9 2.2 0.9 2.3 0.9 2.3 0.2 0.7 1.3 0.1 1.4 1.1 1.4 1.1 1.4 1.5 0.9 1.8 0.9 1.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	2 4 0 2 2 5 4 4 2 4 2 4 4 4 2 4 4 4 2 2 4 4 12 2 2 4 13 3 3 8 3 2 21 4 1 15 3 8 3 2 1 4 7 1 5 3 8 8 119 7 6 8 3 2 2 4 4 1 7 7 6 8 3 2 2 4 4 1 7 7 6 8 3 2 2 4 4 1 7 7 6 8 3 2 2 1 4 7 7 6 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8
Dowionsi Source	25,270 3,21,857 3,21,857 3,21,857 3,541 12,276 4,264 4,274	0.0 0.2 2.0 0.2 2.0 0.4 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.4 0.5 0.5 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	0.9 0.9 0.2 0.9 0.2 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	1.4 1.5 0.0 0.9 2.3 0.9 2.2 0.9 2.2 0.9 1.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0	2 4 0 2 3 5 4 4 2 4 4 12 3 13 13 3 3 1 21 4 17 番 10 2 7 6 5 3 8 11 19 16 5 9 5 11 19 3 10 3 10 3 10 3 10 3 10 3 10 3 1
Dow Jones TPSE 100 TPSE 100 CAC CAC CAC CAC CAC CAC CAC C	25,270 3,314 4,264 5,542 5,542 5,543 5,542 5,543 5,543 5,543 5,543 5,543 5,543 5,543 5,543 5,543 5,543 5,543 5,543 5,243 5,243 5,243 5,246 1,2,254 1,2	0.0 0.2 2.0 0.2 2.0 0.4 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	0.9 0.9 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	1.4 1.5 0.0 0.9 2.3 0.9 2.2 3.6 0.7 3.4 0.1 1.3 0.1 1.4 1.1 1.5 0.9 0.7 1.4 1.4 1.1 1.5 0.9 1.4 1.4 1.1 1.5 0.9 1.4 1.4 1.4 1.5 0.9 1.4 1.4 1.4 1.5 0.9 1.4 1.4 1.4 1.5 0.9 1.4 1.4 1.4 1.5 0.9 1.4 1.4 1.4 1.5 0.9 1.4 1.4 1.4 1.5 0.9 1.4 1.4 1.4 1.5 0.9 1.4 1.4 1.5 0.9 1.4 1.4 1.5 0.9 1.4 1.5 0.9 1.5 0.9 1.8 1.4 1.4 1.5 0.9 1.8 1.4 1.4 1.5 0.9 1.8 1.4 1.5 0.9 1.8 1.4 1.5 0.9 1.8 1.4 1.5 0.9 1.8 1.4 1.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0	$\begin{array}{c} 2 \\ 4 \\ 0 \\ 2 \\ 5 \\ 5 \\ 4 \\ 2 \\ 4 \\ 1 \\ 2 \\ 2 \\ 4 \\ 1 \\ 2 \\ 1 \\ 3 \\ 1 \\ 3 \\ 1 \\ 4 \\ 1 \\ 3 \\ 2 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1$
Dow Jones TPSE 1000 0 TPSE 1000 0 TPSE 1000 0 DAX DAX DAX DAX DAX DAX DAX DAX	25,270 3,21,457 7,21,457 7,21,457 7,21,457 12,276 2,418 42,40 2,271 44,264 4,274 4,2	0.0 0.0 0.2 2.0 0.2 0.2 0.2 0.2	0.99 0.29 0.29 0.29 0.29 0.29 0.29 0.29	1.4 1.5 0.0 0.2 0.2 0.2 0.2 0.2 0.2 0.2	$\begin{array}{c} 2 \\ 4 \\ 0 \\ 2 \\ 3 \\ 4 \\ 1 \\ 2 \\ 4 \\ 1 \\ 2 \\ 1 \\ 4 \\ 1 \\ 3 \\ 1 \\ 3 \\ 4 \\ 1 \\ 1 \\ 3 \\ 1 \\ 1 \\ 4 \\ 1 \\ 1 \\ 3 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1$
Dow Jones TPSE 100 0 TPSE 100 0 CAS CAS CAS CAS CAS CAS CAS CAS	25,220 3,21,857 3,21,457 3,21,457 3,21,457 3,21,457 4,246 4,240 4,	0.0 0.2 0.2 0.2 0.2 0.2 0.2 0.2	0.9 0.9 0.2 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	1.4 1.5 0.0 0.2 0.2 0.2 0.2 0.2 0.2 0.2	$\begin{array}{c} 2 \\ 4 \\ 0 \\ 2 \\ 2 \\ 4 \\ 4 \\ 12 \\ 2 \\ 4 \\ 12 \\ 2 \\ 4 \\ 12 \\ 2 \\ 4 \\ 12 \\ 2 \\ 4 \\ 12 \\ 2 \\ 4 \\ 12 \\ 2 \\ 4 \\ 11 \\ 10 \\ 10 \\ 10 \\ 10 \\ 10 \\ 10 $
Dow Jones Hose Jones Hose Jones Concent DAX All Concent DAX All Concent DAX All Concent DAX DAX DAX DAX DAX DAX DAX DAX	25,220 21,857 3,314 12,376 3,542 12,376 42,548 42,548 44,309 44,309 44,309 44,309 44,309 44,309 44,309 44,309 44,309 44,309 44,309 42,248 44,2488 44,2488 44,2488 44,2488 44,2488 44,2488 44,2488 4	0.0 0.2 2.0 0.2 2.0 0.4 0.2 2.2 0.4 0.5 3.1 0.4 0.5 3.1 0.4 0.5 3.1 0.4 0.5 3.1 0.4 0.5 3.1 0.4 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0.99 0.29 0.29 0.29 0.29 0.29 0.29 0.29	1.4 1.5 0.0 0.2 0.2 0.2 0.2 0.2 0.2 0.2	$\begin{array}{c} 2 \\ 4 \\ 0 \\ 2 \\ 2 \\ 4 \\ 1 \\ 2 \\ 4 \\ 1 \\ 1 \\ 2 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1$
Dowionsi Source	25,220 21,857 7,3414 12,276 9,542 12,276 9,542 721 12,548 12,276 44,309 76,815 2,748 44,309 76,815 2,748 44,309 76,815 15,428 44,309 76,815 15,428 44,309 76,815 15,428 44,309 76,815 15,428 44,309 76,815 15,428 44,309 76,815 15,428 15,42	0.0 0.2 2.0 2.0 0.2 0.2 0.2 0.2	0.9 0.9 0.2 0.9 0.2 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	1.4 1.5 0.0 0.2 0.5 0.2 0.5 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	$\begin{array}{c} 2 \\ 4 \\ 0 \\ 2 \\ 2 \\ 4 \\ 1 \\ 2 \\ 4 \\ 1 \\ 1 \\ 2 \\ 4 \\ 1 \\ 1 \\ 2 \\ 2 \\ 4 \\ 1 \\ 1 \\ 2 \\ 2 \\ 4 \\ 1 \\ 1 \\ 2 \\ 2 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1$
Dow Jones TPSE 100 0 TPSE 100 0 TPSE 100 0 TPSE 100 0 CA CA CA CA CA CA CA CA CA CA	25,270 3,214,577 3,214,577 3,214,577 3,214,577 5,542 5	0.0 0.2 2.0 0.2 2.0 0.4 0.2 2.2 0.4 0.5 3.1 0.4 0.5 3.1 0.4 0.5 3.1 0.4 0.5 3.1 0.4 0.5 3.1 0.4 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0.99 0.29 0.29 0.29 0.29 0.29 0.29 0.29	1.4 1.5 0.0 0.2 0.2 0.2 0.2 0.2 0.2 0.2	$\begin{array}{c} 2 \\ 4 \\ 0 \\ 2 \\ 2 \\ 4 \\ 1 \\ 2 \\ 4 \\ 1 \\ 1 \\ 2 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1$
Dow Jones The Set of Control of	25,220 3,21,857 3,21,457 3,21,457 3,21,457 3,21,457 2,216 2,225 4,205 2,215 4,204 4,	0.0 0.2 2.0 2.0 2.0 2.0 2.0 2.0	0.9 0.9 0.2 0.9 0.2 0.9 0.2 0.1 0.1 0.1 0.1 0.2 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	1.4 1.5 0.0 0.2 0.2 0.2 0.2 0.2 0.2 0.2	2 4 0 2 5 4 4 2 4 1 2 2 4 1 2 2 2 4 1 2 4 1 2 2 4 1 2 4 1 2 4 1 2 4 1 2 4 1 2 4 1 2 4 1 2 4 1 2 4 1 4 1
Dow Jones Hose Jo	25,270 3,21,857 7,31,14 9,542 9,542 9,542 9,542 9,542 9,543 9,542 9,543 9,542 9,543 9,545	0.0 0.2 2.0 2.0 2.0 2.0 2.0 2.0	0.9 0.9 0.2 0.9 0.2 0.9 0.2 0.9 0.9 0.1 0.1 0.1 0.2 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	1.4 1.5 0.0 0.5 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	$\begin{array}{c} 2 \\ 4 \\ 0 \\ 2 \\ 2 \\ 4 \\ 4 \\ 12 \\ 2 \\ 4 \\ 12 \\ 2 \\ 4 \\ 12 \\ 2 \\ 4 \\ 12 \\ 2 \\ 4 \\ 12 \\ 2 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ $
Dow Jones The Set of Control of	25,220 3,21,857 3,21,457 3,21,457 3,21,457 4,247 5,418 5,420 2,721 4,240	0.0 0.2 2.0 2.0 0.2 2.0 0.2 2.0 0.2 2.0 0.2 0.2	0.9 0.9 0.2 0.9 0.2 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	1.4 1.5 0.0 0.2 0.2 0.2 0.2 0.2 0.2 0.2	2 4 0 2 3 4 4 2 4 4 2 2 4 4 2 2 4 4 3 2 3 4 4 7 8 4 9 7 2 7 6 3 4 4 1 7 8 4 6 9 8 7 1 8 9 7 2 7 6 3 4 4 7 8 9 7 2 7 6 3 4 1 1 9 16 4 4 3 2 3 1 8 6 1 9 2 7 1 8 4 8 9 8 9 4 1 2 2 4 1 3 4 6 10 8 4 6 10 8 4 6 10 8 9 11 1 4 9 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Dow Jone Solar Sol	25,220 3,21,857 7,3114 12,376 9,542 12,376 8,430 2,548 84,309 84,309 84,300 84,300 84,300 84,300 8	0.0 0.2 2.0 2.0 2.0 2.0 2.0 2.0	0.9 0.9 0.2 0.9 0.2 0.9 0.2 0.9 1.9 1.9 1.1 1.1 1.1 2.5 1.1 1.2 2.5 1.2 1.2 2.5 1.3 1.2 2.5 1.3 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	1.4 1.5 0.0 0.2 0.2 0.2 0.2 0.2 0.2 0.2	$\begin{array}{c} 2 \\ 4 \\ 0 \\ 2 \\ 2 \\ 4 \\ 4 \\ 12 \\ 2 \\ 4 \\ 12 \\ 2 \\ 4 \\ 12 \\ 2 \\ 4 \\ 12 \\ 2 \\ 4 \\ 12 \\ 2 \\ 4 \\ 12 \\ 2 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ $
Dow Jones The Set of Control of	25,270 3,21,457 7,21,457 7,21,457 7,21,457 7,21,457 7,21,457 7,21,457 7,21,457 7,6415 7,21,457 7,6415 7,21,457 7,6415 7,21,457 7,6415 7,21,457 7,6415 7,21,457 7,6415 7,21,457 7,6415 7,21,457 7	0.0 0.0 0.2 2.0 0.2 2.0 0.0 2.0 0.0 0	0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	1.4 1.5 0.0 0.2 0.2 0.2 0.2 0.2 0.2 0.2	$\begin{array}{c} 2 \\ 4 \\ 0 \\ 2 \\ 2 \\ 4 \\ 4 \\ 2 \\ 2 \\ 4 \\ 4 \\ 1 \\ 2 \\ 2 \\ 4 \\ 4 \\ 1 \\ 2 \\ 2 \\ 4 \\ 4 \\ 1 \\ 2 \\ 2 \\ 4 \\ 1 \\ 4 \\ 1 \\ 4 \\ 1 \\ 1 \\ 4 \\ 1 \\ 1$

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





Developed Markets US (2-yr) US GER (2-yr) Germany		anges in t			
GER (2-yr)	2.61	Daily 0.8	·3.3	Month 3	91D
Germany	2.88 -0.64	0.2 -0.7	-6.4 -5.3	3	41 -3
France	0.32	0.1	-5.3 -7.1 -3.0	-4	-20
Spain	1.45	4.7	5.6 19.8	11 48	-22 101
Portugal	1.85	6.7	9.4	10	-16
Greece Japan (2-yr)	4.29	6.5 0.2	28.1 -0.5	41 2	18
Japan Emerging Markets	0.10 level	0.0 Daily	-0.9 Weekly	6 Monthly	5 YTD
Brazil Chile	11.90	5.7 -0.5	75.4 -4.4	45 -8	165
Colombia	4.51 6.82	1.7	-5.0	27	38
Mexico Peru	7.79	4.5	9.7 2.2	5 -7	21
Poland Russia	3.16 8.50	1.0	5.8 53.7	-3 83	-15 86
Turkey	21.53	11.5 52.0	274.0	377	1017
India Indonesia	7.82	6.9 24.1	14.0	4	44
Country ris Developed Markets	k (bp, chang	es in bp) Daily	Weekly		YTD
10-yr sovereign spread vs Germany	16.961			monuay	110
France Italy	37 279	1.4	4.1 26.9	9 52	7
Portugal	153	6.6	16.5	14	4
Spain 2-yr sovereign spread vs Germany	114	4.6	12.7	15	-1
France	19 196	0.7	-0.6	- 4	3
Italy Portugal	52	5.9	39.8 10.0	62 -2	159 2
Spain Emerging Markets	41	4.7	12.7	7	14 YTD
5-yr sovereign CDS *	The West	Unity	neewy	monuny	
Brazil Chile	237	11.6 0.5	27	-13 -7	76
Colombia	52 110	2.5	4	-2	5
Argentina Mexico	566 121	81.7 3.5	138	128	328 14
Peru	79	1.2	3	-6	7
Poland Russia	62 170	1.1	0 35	2 42	14 52
Turkey China	449 64	74.5	115	122	285 13
India	87	0.2	-2	-14	18
Indonesia	120 k indicators	6.6	4	-6	35
Volatilty indicators (change in pp)	level	Daily	Weekly	Monthly	YTD
VIX VSTOXX	14 16	0.6 0.8	3	1	4
EM EFT volatility Index	20	0.2	2	2	3
Dollar/euro volatility EM FX volatility index	8	0.0	1	1	1 4
Credit spread (BAA) (change in bos)	187	1.3	- 4	-4	9
US bonds volatility index Inflation expectations (%)	51 level	3.3 Daily	4 Weekly	2 Monthly	1 YTD
US Inflation expectations (5Y5Y)	2.42	1.1	-2 0	0	10
EZ Inflation expectations (SYSY) Banking Sy CDS (bps) *	1.71 level	Daily	Weekly	Monthly	-3 YTD
US EZ	53	3.3 8.4	4	-3 6	11 57
UK	96 67	2.8	3	3	26
Large Spanish Medium Spanish	91 90	12.0	15 0	2	55 15
Corporate Sy CDS (bps) *	level	Daily	Weekly	Monthly	YTD
US Non-financial EZ Non-financial	156 75	3.3 8.4	4	-3 6	11 57
UK Non-financial	100	1.0	0	-6	7
Interbank ma	nxeta (%, ch: level	nges in bj Daily	Weekly	Monthly	YTD
EONIA Index Synthesia 2m	-0.36	0	0	1	1
Euribor 3m Euribor 12m	-0.32 -0.17	0	0	0	1 2
Ubor 3m Ubor 12m	2.32 2.82	-2	-2	-2 4	62 71
	2.82 k markets (5	6			
Main indices	level	Daily	Weekly	Monthle	YTD
S&P500	2,832	0.0	-0.6	1.2	5
Dow Jones Nikosi	25.270 21,857	-0.2 -2.0	-0.9 -2.9	1.4	2
FTSE 100	7,650	-0.2	-0.2	0.0	0
EuroStoxx 50 IBEX	3,414 9,542	-0.4 -0.6	-2.0 -1.9	-0.9 -2.3	-2 -5
DAX	12,376	-0.4	-1.8	-0.9	-4
CAC MIB	5,418 20,995	0.1 -0.5	-1.1 -2.7	0.2 -3.6	2 -4
ASE Athens MSCI Latam*	721 84,309	-3.1 -2.3	-5.1 -4.2	-4.2 0.7	-12
Ibovespa (Brazil)	76,815	0.4	-5.2	1.3	-1
Mexbol (Mexico) Merval (Argentina)	48.670 26.333	0.6 -1.9	-1.3 -8.9	-0.1 -1.4	-3 -15
Merval (Argentina) MSCI EM Europe *	26.333 5.248	-2.1	-1.9	4.4	-3
Poland Micer 10 (Russia)	2,261 4,264	0.6 0.6	-1.5	4.6 -5.1	-8 3
Ise 100 (Turkey) MSCIEM Asia *	92,685 887	-2.4	-1.6	3.5 0.9	-21
Shanghai Com (China)	2.786	-0.3	3.0	4.8	-4 -17
Jakarta (Indonesia)	5,861	-3.4	-2.4	-0.5 Monthly	-8
		Daily			Variation
Banking sector US banks	145.4	-0.7	Weekly -2.8	4.0	УТD -2
JPM	115.2	-0.5	-2.8 -1.7	4.0 7.8	-2 7
JPM Citi BoA	115.2 69.8 30.9	-0.5 -0.6 -1.0	-2.8 -1.7 -3.6 -2.0	4.0 7.8 1.9 7.4	-2 7 -6 3
JPM Citi BoA MS	115.2 69.8 30.9 48.0	-0.5 -0.6 -1.0 -0.8	-2.8 -1.7 -3.6 -2.0 -4.0	4.0 7.8 1.9 7.4 0.0	-2 7 -6 3 -8
JPM Clif BoA MS GS EZ banka	115.2 69.8 30.9 48.0 227.8 88.4	-0.5 -0.6 -1.0 -0.8 -0.8 -1.4	-2.8 -1.7 -3.6 -2.0 -4.0 -3.5 -4.9	4.0 7.8 1.9 7.4 0.0 0.3 -1.2	-2 7 -6 3 -8 -11 -19
JPM Crit BoA MS GS EZ banks BNP	115.2 69.8 30.9 48.0 227.8 88.4 52.1	-0.5 -0.6 -1.0 -0.8 -0.8 -1.4 -0.8	-2.8 -1.7 -3.6 -2.0 -4.0 -3.5 -4.9 -3.5	4.0 7.8 1.9 7.4 0.0 0.3 -1.2 0.5	-2 7 -6 3 -8 -11 -19 -16 -14
JPM Cli BoA MS Cli Z banks BMP Crédit Agricole Deutsche Bank	115.2 69.8 30.9 48.0 227.8 88.4 52.1 12.1 10.1	-0.5 -0.6 -1.0 -0.8 -0.8 -1.4 -0.8 -1.0 -2.0	-2.8 -1.7 -3.6 -2.0 -4.0 -3.5 -4.9 -3.5 -2.3 -6.2	4.0 7.8 1.9 7.4 0.0 0.3 -1.2 0.5 6.6 5.6	-2 7 -6 3 -8 -11 -19 -16
JPM CI8 BBA MS GS EZ banks BNP Crédit Agricole	115.2 69.8 30.9 48.0 227.8 88.4 52.1	-0.5 -0.6 -1.0 -0.8 -0.8 -1.4 -0.8	-2.8 -1.7 -3.6 -2.0 -4.0 -3.5 -4.9 -3.5	4.0 7.8 1.9 7.4 0.0 0.3 -1.2 0.5	-2 7 -6 3 -8 -11 -19 -16 -14
JPM Citi BoA GS GS EXE banks BNP Credit Agricole Deutecher Bank ING INIS GS	115.2 69.8 30.9 48.0 227.8 88.4 52.1 12.1 10.1 11.9 2.3 35.9	-0.5 -0.6 -1.0 -0.8 -0.8 -1.4 -0.8 -1.4 -0.8 -1.0 -2.0 -2.2 -1.2 -0.9	-2.8 -1.7 -3.6 -2.0 -4.0 -3.5 -4.9 -3.5 -2.3 -6.2 -6.5 -6.9 -3.7	4.0 7.8 1.9 7.4 0.0 0.3 -1.2 0.5 6.6 5.6 4.7 7.1 0.3	-2 7 -6 3 -8 -11 -19 -16 -14 -37 -23 -18 -17
JPM CG BoA SS CG ZE babe ZE babe ZE babe ZE babe Deutsche Back Deutsche Back NG Informa SG Unicretito Unicretito	115.2 69.8 30.9 48.0 227.8 88.4 52.1 12.1 10.1 11.9 2.3 35.9 13.4 84.3	-0.5 -0.6 -1.0 -0.8 -0.8 -1.4 -0.8 -1.0 -2.0 -2.2 -1.2 -0.9 -2.7 -0.8	-2.8 -1.7 -3.6 -2.0 -4.0 -3.5 -4.9 -3.5 -2.3 -6.2 -6.5 -6.9 -3.7 -6.8 -0.9	4.0 7.8 1.9 7.4 0.0 0.3 -1.2 0.5 6.6 5.6 5.6 5.6 4.7 -7.1 0.3 6.5 0.6	-2 7 -6 3 -8 -11 -19 -16 -14 -37 -23 -18 -17 -15 -9
JPM CG BoA SG CG Zanthe Zanthe Zanthe Deutsche Jackton Bark Cett Apricole Cett Apricole Deutsche Jackton Linken SG Linkent SG Linkent SG Linkent	115.2 69.8 30.9 48.0 227.8 88.4 52.1 12.1 10.1 11.9 2.3 35.9 13.4 84.3 717.0	-0.5 -0.6 -1.0 -0.8 -0.8 -1.4 -0.8 -1.4 -0.8 -1.0 -2.0 -2.2 -1.2 -0.9 -2.7 -0.8 -0.6	-2.8 -1.7 -3.6 -2.0 -4.0 -3.5 -2.3 -6.2 -6.5 -6.9 -3.7 -6.8 -0.9 1.2	4.0 7.8 1.9 7.4 0.0 0.3 -1.2 0.5 6.6 5.6 4.7 -7.1 0.3 6.5 0.6 1.0	-2 7 -6 3 -8 -11 -19 -16 -14 -37 -23 -18 -17 -15 -9 -6
JPM CG Exact CG CG CG CG CG CG CG CG CG CG CG CG CG	115.2 69.8 30.9 48.0 227.8 88.4 52.1 12.1 10.1 11.9 2.3 35.9 13.4 84.3 717.0 246.3 184.7	-0.5 -0.6 -1.0 -0.8 -1.4 -0.8 -1.4 -0.8 -1.0 -2.0 -2.2 -1.2 -0.9 -2.7 -0.8 -0.6 -0.6 -1.6	-2.8 -1.7 -3.6 -2.0 -4.0 -3.5 -4.9 -3.5 -2.3 -6.5 -6.5 -6.9 -3.7 -6.8 -0.9 -3.7 -6.8 -0.9 -1.2 -2.3 -2.1	4.0 7.8 1.9 7.4 0.0 0.3 -1.2 0.5 6.6 5.6 4.7 -7.1 0.3 6.5 0.6 1.0 0.2 -2.5	-2 7 -6 3 -8 -11 -19 -16 -14 -37 -23 -18 -17 -15 -9 -6 -111 -9
JPM GR BoA BoA BoA BoA SG BoA BoB	115.2 69.8 30.9 48.0 227.8 52.1 12.1 10.1 11.9 2.3 35.9 13.4 84.3 717.0 246.3 184.7 61.5 67.1	-0.5 -0.6 -1.0 -0.8 -0.8 -1.4 -0.8 -1.4 -2.0 -2.2 -1.2 -0.9 -2.7 -0.8 -0.6 -0.6 -0.6 -0.6	-2.8 -1.7 -3.6 -2.0 -3.5 -4.9 -3.5 -2.3 -2.3 -2.3 -6.5 -6.9 -3.7 -6.8 -0.9 -1.2 -2.3 -2.1 -1.7 -7.4	4.0 7.8 1.9 7.4 0.0 0.3 -1.2 0.5 6.6 5.6 4.7 -7.1 0.3 6.5 0.6 1.0 0.2 -2.5	-2 7 -6 3 -8 -11 -19 -16 -14 -37 -23 -18 -17 -15 -9 -6 -11 -9 -9 -9 -9
JPM GR BoA BoA BoA BoA SG BoA BoB	115.2 69.8 30.9 48.0 227.8 52.1 12.1 10.1 11.9 2.3 35.9 13.4 84.3 717.0 246.3 184.7 61.5 67.1	-0.5 -0.6 -1.0 -0.8 -0.8 -1.4 -0.8 -1.4 -2.0 -2.2 -1.2 -0.9 -2.7 -0.8 -0.6 -0.6 -0.6 -0.6 -2.7	-2.8 -1.7 -3.6 -2.0 -3.5 -4.9 -3.5 -2.3 -2.3 -2.3 -6.5 -6.9 -3.7 -6.8 -0.9 -1.2 -2.3 -2.1 -1.7 -7.4	4.0 7.8 1.9 7.4 0.0 0.3 -1.2 0.5 6.6 5.6 4.7 -7.1 0.3 6.5 0.6 1.0 0.2 -2.5 -1.7 -7.4 -4.8	-2 7 -6 3 -8 -11 -19 -16 -14 -37 -23 -18 -17 -15 -9 -6 -11 -9 -9 -9 -21 -19
JPM Galaxy Karlow Karlo	115.2 69.8 30.9 48.0 227.8 88.4 52.1 12.1 10.1 11.9 2.3 35.9 13.4 84.3 717.0 246.3 184.7 61.5 67.1 4.4 5.5 69.4	-0.5 -0.6 -1.0 -0.8 -0.8 -1.4 -0.8 -1.4 -2.0 -2.2 -1.2 -0.9 -2.7 -0.8 -0.6 -0.6 -0.6 -0.6	-2.8 -1.7 -3.6 -2.0 -4.0 -3.5 -4.9 -3.5 -2.3 -6.2 -6.5 -6.9 -3.7 -6.8 -0.9 1.2 -2.3 -2.1 -1.7	4.0 7.8 1.9 7.4 0.0 0.3 4.2 0.5 6.6 5.6 4.7 7.1 0.3 6.5 0.6 1.0 0.2 2.5 1.7 -7.4	-2 7 -6 3 -8 -11 -19 -16 -14 -37 -23 -18 -17 -23 -18 -47 -9 -6 -111 -9 -9 -9 -9 -21
JPM GG Gamma Comparison of the second of the	115.2 69.8 30.9 48.0 227.8 88.4 52.1 12.1 10.1 11.9 2.3 35.9 13.4 84.3 717.0 246.3 717.0 246.3 184.7 61.5 67.1 4.4 5.5 69.4 3.9	-0.5 -0.6 -1.0 -0.8 -0.8 -1.4 -0.8 -1.0 -2.0 -2.2 -1.2 -0.9 -2.7 -0.8 -0.6 -0.6 -0.6 -2.7 -2.3 -3.0 -0.6 -0.2	-2.8 -1.7 -3.6 -2.0 -4.0 -3.5 -2.3 -6.5 -6.5 -6.5 -6.5 -6.5 -6.5 -6.5 -6.5	4.0 7.8 1.9 7.4 0.0 0.3 -1.2 0.5 6.6 5.6 4.7 -7.1 0.3 46.5 0.6 1.0 0.2 -2.5 -1.7 -7.4 4.8 9.6 2.4 3.9	-2 7 -6 3 -8 -11 -19 -16 -14 -37 -23 -18 -17 -15 -9 -6 -111 -9 -9 -21 -19 -23 -10 -3
JPM GCG GCG GCG GCG GCG GCG GCG GCG GCG GC	115.2 69.8 30.9 48.0 227.8 88.4 52.1 12.1 11.9 2.3 35.9 13.4 84.3 717.0 246.3 717.0 246.3 184.7 61.5 67.1 4.4 5.5 69.4 3.9 1.4 8 4.3.9	0.5 0.6 1.0 0.8 0.8 1.4 0.8 1.0 2.0 2.2 1.2 0.9 2.7 0.8 0.6 0.6 0.6 0.6 1.6 0.6 2.7 2.3 3.0 0.6 0.2 1.3 0.4	-2.8 -1.7 -3.6 -2.0 -4.0 -3.5 -2.3 -6.2 -6.5 -6.9 -3.7 -6.8 -0.9 -1.2 -2.3 -2.3 -2.1 -7.4 -5.2 -2.3 -2.1 -7.4 -5.2 -2.3 -2.1 -7.4 -5.2 -2.3 -2.1 -7.4 -5.2 -7.4 -5.2 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4	4.0 7.8 1.9 7.4 0.0 0.3 -1.2 0.5 6.6 5.6 4.7 -7.1 0.3 6.5 0.6 0.3 6.5 0.6 1.0 0.2 2.5 -1.7 4.8 9.6 -2.4 3.9 3.7 8.3	-2 7 -6 3 -8 -11 -19 -16 -14 -14 -37 -23 -48 -47 -15 -9 -6 -11 -19 -9 -21 -49 -9 -21 -49 -23 -40 -3 -3 -19 -2 -2 -2
JPM Generation of the second s	115.2 69.8 30.9 48.0 227.8 88.4 52.1 10.1 11.9 2.3 35.9 13.4 84.3 717.0 246.3 184.7 61.5 67.1 4.4 5.5 69.4 3.9 1.4 7.8 5.6 9.4 3.2	0.5 0.6 1.0 0.8 0.8 0.8 1.4 0.8 1.0 2.0 2.2 1.2 0.9 2.7 0.8 0.6 0.6 1.6 0.6 1.6 0.6 1.6 0.6 0.2 7 2.3 3.0 0.6 0.2 1.3 0.2 0.2 1.3 0.0 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	-2.8 -1.7 -3.6 -2.0 -4.0 -3.5 -4.9 -3.5 -6.2 -6.5 -6.9 -3.7 -6.8 -0.9 -1.2 -2.3 -2.1 -1.7 -7.4 -5.2 -9.4 -2.8 -4.6 -2.4 -2.8 -4.6 -2.4 -2.5 -2.3 -5 -2.5 -2.5 -2.5 -2.5 -2.5 -2.5 -2.5 -	4.0 7.8 1.9 7.4 0.0 0.3 -1.2 0.5 6.6 5.6 4.7 7.1 0.3 6.5 0.6 0.2 2.5 1.0 0.2 2.5 1.7 7.4 9.6 2.4 3.9 3.7	-2 7 -6 3 -8 -11 -19 -16 -14 -37 -23 -18 -47 -5 -9 -6 -11 -9 -9 -9 -21 -9 -23 -10 -23 -10 -23 -10 -23 -10 -10 -10 -10 -10 -10 -10 -10 -10 -10
JPM CG	115.2 69.8 30.9 48.0 227.8 88.4 52.1 12.1 12.1 12.1 11.9 2.3 55.9 13.4 84.3 35.9 13.4 84.3 246.3 184.7 61.5 67.1 4.4 5.5 69.4 3.9 1.4 7.5 69.4 3.2 4 d courrence	0.5 0.6 1.0 0.8 1.4 0.8 1.4 0.8 1.4 0.8 1.4 0.8 1.4 0.8 1.4 0.8 0.2 0.9 2.7 0.9 2.7 0.8 0.6 0.6 0.6 0.6 0.6 0.6 1.6 0.6 1.0 0.9 0.9 2.7 0.9 0.9 2.7 0.9 0.9 2.7 0.9 0.9 2.7 0.9 0.8 1.0 0.9 0.9 2.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	2.8 4.7 3.6 3.6 4.0 4.5 4.9 5.5 4.9 5.5 4.9 5.2 4.9 5.2 2.3 4.2 4.5 5.2 2.3 4.5 5.2 2.3 4.5 5.2 2.3 4.5 5.5 2.3 4.5 4.5 4.5 4.5 5.5 4.5 4.5 5.5 5.5 4.5 5.5 5	4.0 7.8 1.9 7.4 0.0 3 1.2 0.5 6.6 6.5 6.6 6.5 6.6 6.5 6 4.7 7.1 0.3 0.5 0.6 2.5 2.5 0.6 4.7 7.4 9.6 6 5.6 0.5 4.7 9.7 4.3 9.5 1.9 7.4 9.5 9.5 9.5 9.5 9.5 9.5 9.5 9.5 9.5 9.5	-2 7 6 3 -8 111 -19 -16 -14 -14 -14 -14 -17 -23 -9 -6 -11 -9 -9 -9 -9 -21 -21 -19 -3 -19 -22 -20 -7 -20 -20 -22 -20 -22 -20 -22 -20 -22 -22
JPM GG	115.2 69,8 30.9 48,0 227,8 88,4 52,1 12,1 12,1 11,9 2,3 35,9 13,4 84,3 717,0 246,3 184,7 61,5 67,1 4,4 5,5 67,1 4,5,5 67,1 4,5,5 67,1 4,5,5 67,1 4,5,5 67,1 4,5,5 67,1 4,5,5 67,1 4,7,8 3,9 24,6,3 24,6 3,9 1,4,4 5,5 6,7,1 4,5,5 6,7,1 4,5,5 6,7,1 4,5,5 6,7,1 4,5,5 6,7,1 4,5,5 6,7,1 4,5,5 6,7,1 4,5,5 6,7,1 4,5,5 6,7,1 4,5,5 7,1 4,5,5 7,1 4,5,5 7,1 4,5,5 7,1 4,5,5 7,1 4,5,5 7,1 4,5,5 7,1 4,5,5 7,1 4,5,5 7,1 4,5,5 7,1 4,5,5 7,1 4,5,5 7,1 4,5,5 7,1 5,5,5 7,1 4,5,5 7,1 4,5,5 7,1 4,5,5 7,1 7,1 4,5,5 7,1 4,5,5 7,1 7,1 6,5,5 7,1 4,5,5 7,1 7,1 7,5,5 7,1 7,5,5 7,1 7,5,5 7,1 7,1 7,5,5 7,1 7,5,5 7,1 7,1 7,5,5 7,1 7,5,5 7,1 7,1 7,5,5 7,1 7,5,5 7,1 7,5,5 7,1 7,7,7,7 7,7,7,7 7,7,7,7 7,7,7,7 7,	0.5 0.6 0.6 1.0 0.8 0.8 1.4 0.8 1.4 0.8 1.4 0.8 1.4 0.8 1.4 0.8 1.4 0.8 1.4 0.8 1.4 0.8 1.4 0.8 1.4 0.8 1.4 0.8 1.4 0.8 0.8 1.4 0.8 0.8 0.8 1.4 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	-2.8 -1.7 -3.6 -2.0 -3.5 -4.0 -3.5 -4.0 -3.5 -4.0 -3.5 -6.2 -6.5 -6.2 -6.5 -6.2 -6.5 -6.2 -6.5 -6.2 -7.4 -7.4 -7.4 -7.4 -7.4 -2.8 -2.4 -2.8 -2.4 -2.4 -2.4 -2.4 -2.4 -2.4 -2.4 -2.4	4.0 7.8 1.9 7.4 0.3 -1.2 0.5 6.6 5.6 5.6 5.6 5.6 5.6 5.6 5.6 5.6 5	-2 7 6 3 -2 111 -19 -16 -111 -19 -19 -19 -14 -14 -14 -14 -17 -23 -18 -17 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9
JPM JPM CG A A A A A A A A A A A A A A A A A A	115.2 69,8 30.9 48,0 227,8 88,4 52,1 12,1 11,1 11,9 2.3 35,9 13,4 84,3 717,0 246,3 184,7 61,5 67,1 4,4 5,5 67,1 4,4 5,5 67,1 4,4 5,5 67,1 4,4 5,5 67,4 71,6 61,5 67,5 71,6 61,5 67,4 71,7 61,5 67,4 71,7 61,5 67,4 71,7 61,5 67,4 71,7 61,5 67,4 71,7 71,7 61,5 71,7 71,7 71,7 71,7 71,7 71,7 71,7 7	0.5 0.6 0.6 1.0 0.8 0.8 0.8 0.8 0.4 0.8 0.4 0.2 0.9 2.7 0.8 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	2.8 4.7 3.6 4.0 4.0 4.0 5.5 4.9 4.0 5.5 4.9 4.0 5.5 4.0 5.5 4.0 5.5 4.0 5.5 4.0 5.5 4.0 5.5 4.0 5.5 4.0 4.0 5.5 4.0 4.0 5.5 4.0 4.0 5.5 4.0 4.0 5.5 4.0 4.0 5.5 4.0 4.0 5.5 4.0 4.0 5.5 4.0 4.0 5.5 4.0 4.0 5.5 4.0 4.0 5.5 5.5 4.0 4.0 5.5 5.5 5.5 4.0 4.0 5.5 5.5 5.5 7.7 7.6 7.6 8.0 7.7 7.6 7.7 7.6 7.7 7.7 7.7 7.7 7.7 7.7	4.0 7.8 1.9 7.4 0.0 0.3 4.2 0.5 6.6 5.6 4.7 7.1 1.0 0.2 5.6 6.5 6.6 5.6 4.7 7.1 1.0 0.2 2.5 5.6 4.7 7.1 4.7 4.8 9.6 5.3 3.9 3.7 4.2 4.8 3.9 3.7 4.1 9.0 5.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4.2 4	-2 7 6 3 8 111 -19 16 -14 -14 -23 -14 -15 -9 -9 -21 17 -15 -9 -9 -21 -19 -23 -19 -23 -20 -20 -5 -6 -6 -11 -5 -6 -6 -11 -19 -10 -10 -10 -10 -10 -10 -10 -10 -10 -10
JPM GG	115.2 69,8 30.9 48,0 227,8 86,4 52,1 12,1 12,1 11,9 2.3 35,9 13,4 84,3 717,0 246,3 13,4 84,3 717,0 246,3 13,4 64,5 67,1 84,7 61,5 67,1 84,7 61,5 69,4 3,9 1,4 4,4 5,5 69,4 3,9 1,4 4,4 5,5 69,4 3,9 1,4 4,4 5,5 69,4 3,9 1,4 4,4 5,5 60,4 8,4 6,5 4,5 7,7 8,5 7,7 8,5 9,6 1,5 7,7 8,5 9,6 1,5 7,7 8,5 9,1 1,5 7,7 8,5 9,1 1,5 7,7 8,5 9,1 1,5 7,7 8,5 9,1 1,5 7,7 8,5 9,1 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1	0.5 0.6 1.0 0.8 1.0 0.8 0.8 0.8 0.4 0.8 0.4 0.2 0.9 0.2 2.7 0.8 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	2.8 4.1,7 3.6 4.0 3.5 4.0 3.5 4.2 4.9 3.5 4.2 4.9 4.9 4.9 4.9 4.9 4.9 4.9 4.9 4.9 4.9	4.0 7.8 1.9 7.4 4.0 0.0 0.0 0.0 4.2 0.5 6.6 6.5 6.6 6.5 6.5 6.5 6.5 6.5 6.5 6	-2 7 -6 3 -8 -11 -19 -16 -14 -14 -23 -17 -15 -9 -9 -9 -9 -9 -23 -19 -23 -19 -21 -19 -23 -19 -21 -19 -22 -20 -7 -5 -6 -6 -11 -19 -9 -22 -20 -7 -19 -19 -19 -19 -19 -19 -19 -19 -19 -19
JPM GG GG GG GG CG CG CG CG CG CG CG CG CG	115.2 69,8 30.9 48,0 227,8 88,4 52,1 12,1 10,1 11,9 2,3 35,9 13,4 84,3 717,0 246,3 13,4 84,4 717,0 246,3 13,4 84,4 3,9 13,4 67,1 4,4 61,5 67,1 4,4 5,5 5,6 9,4 3,9 1,4 4,5 5,5 67,1 1,4 1,4 1,4 1,4 1,4 1,4 1,4 1,4 1,4 1	0.5 0.6 1.0 0.8 1.4 0.8 1.4 0.8 1.4 0.8 1.4 0.8 0.8 1.4 0.8 0.8 0.8 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	2.8 -1.7 -3.6 -2.0 -3.5 -2.3 -4.9 -3.5 -2.3 -4.9 -3.5 -2.3 -2.3 -2.3 -2.3 -2.3 -2.3 -2.3 -2.3 -2.3 -2.3 -2.3 -2.3 -2.3 -2.4 -2.4 -2.4 -2.5 -2.5 -2.5 -2.5 -2.5 -2.5 -2.5 -2.5 -2.5 -2.5 -2.3 -2.5 -2.5 -2.3 -2.5 -2.3 -2.5 -2.3 -2.5 -2.3 -2.5 -2.3 -2.5 -2.3 -2.5 -2.3 -2.5 -2.3 -2.5 -2.3 -2.5 -2.3 -2.5 -2.3 -2.4 -	4.0 7.8 1.9 7.4 0.0 0.0 0.0 0.3 1.2 0.5 6.6 5.6 6.5 6.6 4.7 7.1 0.3 6.5 6.6 6.5 6.6 4.7 7.1 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	-2 7 6 3 -8 -11 -19 -16 -14 -17 -15 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9
JPM JPM CG A S G G G G G G G G G G G G G G G G G	115.2 69.8 30.9 227.8 88.4 48.0 227.8 88.4 45.1 10.1 11.9 23.3 35.9 23.3 35.9 44.3 35.9 44.3 35.9 44.3 35.9 44.3 15.4 44.3 717.0 246.3 17.1 4.4 4.5.5 5.5 69.4 1.1 4.4 1.1 1.28 1.12	0.5 0.6 0.6 1.0 0.8 1.4 0.8 0.8 1.0 2.0 2.7 1.2 0.9 2.7 1.2 0.9 2.7 2.7 2.3 0.6 0.6 1.6 0.6 0.6 1.6 0.6 0.6 1.3 0.0 2.7 1.3 0.0 0.2 1.3 0.0 0.2 1.3 0.0 0.0 1.3 0.0 0.0 1.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	2.8 2.7 2.7 2.0 2.5 2.0 3.5 4.0 4.9 4.9 4.9 4.9 4.9 4.9 4.9 4.9	4.0 7.8 1.9 7.4 1.9 0.0 0.0 0.0 1.2 0.5 5.6 6.6 5.6 6.5 5.6 5.6 5.6 5.6 5.6 5	2 7 6 3 4 11 19 16 16 14 17 23 18 17 23 18 17 23 3 19 22 23 19 22 23 19 22 20 YTD 5 6 3 1 5 5 6 3 20 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
JPM GG	115.2 69.8 30.9 227.8 86.4 52.1 10.1 11.9 2.3 35.9 13.4 4.3 55.9 13.4 4.3 55.9 64.3 7717.0 84.3 7717.0 64.3 7717.0 64.4 55.5 67.1 1.4 11.4 11.4 11.0 7.3 3.9 66.4 3.2 3.5 67.4 1.1 4.4 5.2 3.2 3.5 67.4 1.1 4.4 5.2 3.2 3.5 67.4 5.4 5.4 5.4 5.4 5.4 5.4 5.4 5.4 5.4 5	0.5 0.6 -1.0 0.8 -1.0 0.8 -1.0 0.8 -1.0 0.8 -1.0 -0.8 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6	2.8 2.8 2.17 3.6 2.0 3.5 2.0 3.5 4.9 4.9 4.9 4.9 3.5 5.2 5.9 4.9 4.9 4.9 4.9 4.9 4.9 4.9 4.9 4.9 4	4.0 7.8 1.9 7.4 1.9 0.0 0.0 0.0 1.2 0.5 6.6 6.6 6.6 6.5 6.6 4.7 7.1 1.0 0.3 3.6 5 5 0.6 0.2 2.5 1.0 0.2 2.5 4.7 4.8 3.9 3.7 4.2 8.5 6.6 6.5 6.6 8.5 6.6 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5	-2 7 6 3 -8 -11 -19 -16 -14 -14 -14 -17 -23 -21 -23 -18 -17 -14 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9
JPM GG GG GG GG CG CG CG CG CG CG CG CG CG	115.2 60.8 30.9 227.8 80.4 52.1 10.1 11.9 11.9 11.9 12.3 35.9 246.3 35.9 246.3 35.9 246.3 35.9 246.3 35.9 246.3 35.9 246.3 35.9 246.3 35.9 246.3 35.9 11.9 24.0 25.7 11.9 11.9 24.0 25.7 24.0 25.7 25.7 25.7 25.7 25.7 25.7 25.7 25.7	0.5 0.6 0.6 1.0 0.8 0.8 1.4 0.8 0.8 1.0 0.8 0.8 1.0 0.8 0.8 0.8 0.2 0.9 0.9 0.2 0.9 0.9 0.2 0.9 0.9 0.9 0.9 0.0 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	2.8 2.8 2.17 3.6 2.0 3.5 2.0 3.5 4.9 4.9 3.5 6.2 4.9 4.9 4.9 4.9 4.9 4.9 4.9 4.9	4.0 7.8 1.9 7.4 0.0 0.0 0.0 1.2 0.5 6.6 6.6 6.6 6.6 6.6 6.6 6.6 0.2 0.2 5.6 0.0 0.2 2.5 1.7 7.4 4.8 9.6 0.5 0.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2 7 6 3 4 8 111 19 16 14 37 23 14 17 15 14 37 23 14 9 9 9 9 9 9 9 14 19 9 9 9 9 9 9 9 9
JPM JPM JPM JPM GCA JPM MCA JPM GCA	115.2 608. 30.9 227.8 808.4 48.0 227.8 808.4 45.2 11.9 12.1 11.9 12.3 35.9 23.5 9 43.3 717.0 0 43.3 43.3 717.0 45.4 43.3 717.0 45.4 43.3 45.4 45.4 45.4 45.4 45.4 45.4	0.5 0.6 0.6 1.0 0.8 0.8 1.4 0.8 0.8 1.0 0.2 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2	2.8 2.8 2.0 3.5 2.0 3.5 2.0 3.5 2.0 3.5 4.2 2.3 4.2 3.5 4.2 2.3 4.2 3.7 7.4 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4	4.0 7.8 7.8 7.4 0.0 0.3 7.4 0.0 0.5 6.6 6.6 6.6 6.6 6.6 6.6 7.7 1.1 0.3 0.5 0.6 0.2 2.5 2.5 0.6 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	-2 7 6 3 -8 -8 -11 19 -16 -14 -17 -12 -23 -18 -17 -15 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9
JPM GCG CG CG CG CG CG CG CG CG CG CG CG CG	115.2 60.8 30.9 227.8 84.0 227.8 84.4 52.1 10.1 11.9 2.3 2.8 2.8 2.4 10.1 11.9 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 3.9 1.4 4 4.0 4.0 2.2 7.8 3.9 3.9 1.4 4 1.0 3.9 4.0 4.0 4.0 4.0 5.2 1.1 9.0 4.0 4.0 4.0 5.2 1.1 9.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4	0.5 0.6 0.6 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	2.8 2.8 2.6 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0	4.0 7.8 7.8 7.4 0.0 0.3 7.4 0.0 0.5 6.6 6.6 6.6 6.6 6.6 6.6 6.6 7.7 1.0 0.3 6.5 6.6 0.2 2.5 2.5 2.5 2.5 2.5 2.5 2.5 3.7 4.8 3.8 3.3 4.8 3.3 4.6 0.2 2.5 2.4 0.0 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2 7 6 3 11 11 19 16 14 37 18 37 17 15 9 9 9 2 31 17 15 5 6 1 1 5 6 1 5 5 6 1 2 0 9 1 12 2 2 2 0 17 19 10 10 10 10 10 10 10 10 10 10 10 10 10
JPM GCG CG CG CG CG CG CG CG CG CG CG CG CG	115.2 60.8 30.9 227.8 48.0 227.8 48.0 227.8 48.0 227.8 48.0 227.8 22.3 35.9 2.3 35.9 2.3 35.9 2.3 35.9 2.3 35.9 2.3 35.9 2.3 35.9 4.0 2.3 35.9 2.3 35.9 4.0 2.3 35.9 4.0 2.3 35.9 4.0 2.3 35.9 4.0 2.3 35.9 4.0 2.3 35.9 4.0 2.3 35.9 4.0 2.3 35.9 4.0 2.3 35.9 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 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	0.5 0.6 0.6 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	2.8 2.8 2.6 2.0 4.0 2.0 4.0 2.0 4.0 5.2 4.9 5.2 4.9 5.2 4.9 5.2 4.5 5.2 4.5 5.2 4.5 5.2 4.5 5.2 2.3 4.6 5.2 2.3 4.6 5.2 2.3 4.6 5.2 2.3 4.6 5.2 2.3 4.6 5.2 2.3 4.6 5.2 2.3 4.6 5.2 2.3 4.6 5.2 2.3 4.6 5.2 2.3 4.6 5.2 2.3 4.6 5.2 2.3 4.6 5.2 2.3 4.6 5.2 2.3 4.6 5.2 2.5 2.5 5.2 3.7 4.6 5.2 2.5 5.2 3.7 4.6 5.2 2.5 5.5 5.5 5.5 5.5 5.5 5.5	4.0 7.8 7.8 7.8 7.4 7.4 7.4 7.4 9.6 5.6 6.6 6.6 6.6 6.6 6.6 7.7 7.4 9.6 7.7 1.0 3 9.6 1.0 0.2 2.5 7.4 4.8 9.6 6 1.0 0.2 2.5 7.4 4.8 9.6 6 4.7 7.7 4.8 9.6 6 5.6 6 4.7 7.7 4.7 8 3.7 4 7.7 7 7.7 7 7 7	27 7633434 119143 119145 11911
JPM GA GA GA GA CA CA CA CA CA CA CA CA CA CA CA CA CA	1115.2 608.8 30.9 227.8 48.0 227.8 48.0 227.8 49.0 227.8 49.0 227.8 49.0 227.8 20.0 227.8 20.0 227.8 20.0 227.8 20.0 227.8 20.0 22.0 20.0 20.0 20.0 20.0 20.0 20	0.5 0.6 0.6 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	2.8 2.8 2.8 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0	40 7.8 7.8 7.8 7.4 0.0 0.3 7.4 0.0 3 0.5 5.6 5.6 5.6 5.6 5.6 5.6 5.6 5.6 5.6 1.0 0.2 2.5 7.7 4.7 7.4 4.8 9.6 5.6 1.0 0.2 2.5 7.4 4.8 9.6 2.4 7.7 4.8 9.6 1.0 2.2 5.2 7.7 4.7 4.8 9.6 1.0 2.2 5.2 7.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7	2 7 6 3 8 41 11 19 -16 4 -21 -11 9 9 -21 -11 9 9 -21 -11 9 9 -21 -11 9 9 -21 -11 9 -21 -11 9 -21 -11 9 -9 -21 -11 9 -21 -21 -11 9 -21 -21 -11 9 -22 -21 -11 9 -22 -21 -11 9 -22 -21 -11 9 -22 -21 -11 9 -22 -21 -11 9 -22 -21 -11 9 -22 -21 -11 9 -22 -21 -11 9 -22 -22 -11 9 -22 -22 -11 9 -22 -22 -11 9 -22 -22 -22 -11 9 -22 -22 -11 9 -22 -22 -22 -22 -22 -22 -22 -22 -22 -
JPM GG	1115.2 60.8 60.8 60.8 60.8 60.8 60.8 60.8 60.8	0.5 0.6 0.6 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	228 236 24 24 250 250 250 250 250 250 250 250 250 250	4.0 7.8 7.8 7.8 7.4 0.0 0.3 7.4 0.5 6.6 6.6 6.6 4.7 7.1 0.3 6.5 6.6 6.6 4.7 7.1 0.3 6.5 6.6 6.5 6.5 6.5 6.5 6.5 6.5 6.5 6.5	2 7 6 3 11 19 19 19 19 19 19 19 19 19
JPM GCG CGG CGG CGG CGG CGG CGG CGG CGG CG	1115.2 60.8 60.8 60.8 60.8 60.8 60.8 60.8 60.8	0.5 0.6 0.6 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	2.8 2.8 1.7 3.6 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0	4.0 7.8 7.8 7.8 7.4 0.0 0.3 7.4 0.5 6.6 6.6 6.6 4.7 7.1 0.3 6.5 6.6 6.6 4.7 7.1 0.3 6.5 6.6 6.5 6.6 4.7 7.1 0.3 2.5 2.5 2.4 2.4 3.5 7.4 4.8 3.9 3.4 1.6 3.4 1.6 3.4 1.6 2.5 3.4 1.6 2.4 3.4 1.6 3.4 4.1 2.1 3.4 4.1 2.1 3.4 4.1 2.1 3.4 4.1 3.4 1.6 3.4 4.1 3.4 3.4 3.4 3.4 3.4 3.4 3.4 3.4 3.4 3.4	2 7 6 3 8 411 -19 -16 -14 -14 -23 -38 -17 -5 -6 -11 -9 -9 -9 -9 -9 -9 -9 -9 -9 -9
JPM CG	1115.2 60.8 60.8 30.9 20.2 20.2 20.2 20.2 20.2 20.2 20.2 2	0.5 0.6 0.6 0.6 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	2.8 2.8 2.8 2.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4	4.0 7.8 7.8 7.4 9.0 0.3 7.4 0.0 0.3 0.5 6.6 5.6 6.5 6.5 6.5 6.5 7.1 0.3 0.2 2.5 7.1 4.8 2.5 7.4 4.8 2.5 7.4 4.8 2.5 3.3 4.4 2.5 5.6 6.5 6.5 6.5 6.5 6.5 6.5 6.5 6.5 6	-2 7 6 3 8 8 111 -19 -16 -14 -17 -23 -17 -23 -17 -23 -17 -23 -17 -23 -17 -23 -17 -23 -19 -6 -17 -23 -23 -19 -6 -17 -23 -23 -19 -6 -17 -23 -23 -23 -23 -23 -23 -23 -23 -23 -23
JPM GC GC GC GC GC GC GC GC GC GC GC GC GC	1115.2 60.8 60.8 30.9 20.7 60.8 60.8 60.8 60.8 60.8 60.7 10.1 10.1 10.1 10.1 10.1 10.1 10.1 1	0.5 0.6 0.6 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	2.8 2.8 2.8 4.9 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0	4.0 7.8 7.8 7.4 9.0 0.3 4.2 0.5 6.6 5.6 6.5 6.5 6.5 6.5 6.5 6.5 6.5 6	2 7 6 3 8 4 111 -19 -16 6 -14 4 7 7 9 9 9 9 -21 -23 3 -115 -9 9 9 9 -21 -23 -20 YTD 9 9 -1 -15 -5 -6 -6 -1 -19 -23 -20 -20 -20 -20 -20 -20 -20 -20 -20 -20
JPM GCG GCG GCG GCG GCG GCG GCG GCG GCG GC	1115.2 69.8 30.3 40.4 227.8 80.4 227.8 80.4 227.8 80.4 227.8 80.4 227.8 80.4 227.8 27.8	0.5 0.6 0.6 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	2.8 2.8 2.8 2.5 2.0 2.0 4.0 4.0 4.0 2.0 4.0 2.0 4.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2	4.0, 7.8, 7.8, 7.4, 0.0, 3.1, 2.0, 5.6, 6.6, 6.6, 6.6, 6.6, 7.1, 7.4, 7.4, 7.4, 7.4, 7.4, 7.4, 7.4, 7.4	2 7 6 3 8 8 111 1-19 16 1-14 1-19 2-21 2-21 1-15 5 6 6 1-11 1-5 5 6 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
JPM GCG CG CG CG CG CG CG CG CG CG CG CG CG	1115.2 608.8 303.9 202.0 808.4 202.0 808.4 202.0 808.4 202.0 10.1 10.1 10.1 10.1 10.1 10.1 10.	0.5 0.6 0.6 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	228 228 249 240 240 240 240 240 240 240 240	4.0 7.8 7.8 7.4 9.0 0.3 7.4 0.0 0.3 7.4 0.5 6.6 5.6 4.7 7.3 0.5 6.6 5.6 7.3 0.5 7.3 0.5 0.5 7.3 0.5 0.5 7.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	2 7 6 3 8 4 111 -19 -16 -14 -17 -23 -18 -17 -19 -23 -18 -17 -19 -23 -23 -19 -23 -19 -23 -19 -23 -23 -19 -23 -23 -19 -23 -23 -19 -23 -23 -23 -19 -23 -23 -23 -23 -23 -23 -23 -23 -23 -23
JPM GCG GCG GCG GCG GCG GCG GCG GCG GCG GC	115.2 60.8 60.8 30.9 20.9 80.4 20.8 80.4 20.8 80.4 20.8 20.4 10.1 110.1 110.1 20.2 110.1 110.1 110.1 20.2 110.1 110.1 110.1 20.5 110.1 110.1 20.5 110.1 20.5 110.1 20.5 110.1 20.5 110.1 20.5 110.1 20.5 20.5 20.5 20.5 20.5 20.5 20.5 20.5	0.5 0.6 0.6 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	228 238 249 240 240 240 240 240 240 240 240	4.0 7.8 7.8 7.4 9.0 0.3 7.4 0.0 0.3 7.4 0.5 6.6 5.6 4.7 7.3 0.5 6.6 7.7 3.0 5.6 7.3 0.5 7.3 0.5 0.5 7.3 0.5 0.5 7.3 0.5 0.5 0.5 0.5 0.5 7.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	-2 7 6 3 8 8 111 1-19 9 -21 9 9 -21 19 -21 9 9 -21 9 -21 9 -21 9 -21 9 -21 9 -21 9 -21 9 -21 9 -21 9 -21 9 -22 -22 -22 -22 -11 -15 -5 -5 -5 -5 -22 -23 -23 -23 -23 -23 -23 -23 -23 -23



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