

## Market Comment | Brexit jitters spur uncertainty in global financial markets

Global Financial Markets Unit 16 Jan 2017

- Uncertainty increased in global financial markets, as "hard Brexit" fears increased ahead of tomorrow's press conference to be held by the UK prime minister about her Brexit route map. Additionally,□
  uncertainty about Donald Trump's policies also pushed up risk aversion (see): Risk assets (such as stocks and EM currencies) lost ground, while safe-haven asset prices increased (gold, USD, JPY and CHF). Meanwhile, US markets remained closed due to Martin Luther King Jr. Day. Apart from this, the major market sensitive events were the following:
- The GBP sank to a new lowest level since October, as investors fear that Theresa May will unveil a "hard Brexit" plan in tomorrow's press conference (see).
- The **IMF today released its WEO** (World Economic Outlook) publication (see), in which it lifted its forecast for US economic growth in 2017 and 2018, based on Trump's expected tax cuts and spending plans. Likewise, the IMF also lifted its forecast for Spain's economic growth in 2017 and 2018.
- **DBRS' decision to downgrade Italian sovereign debt** rating to BBB (high) from A (low), had no significant effect on the country's financial markets, and sovereign bond yields were little changed (see).

Update 18 CET 16 January, 2017 Table 1



D ebt markets (	10Y, %, ch	anges in t	p)		
Developed Markets US (2-yr)	1.19 2.40	Daily 0.0	Week 1.2	Month -8	Year 16
US GER (2-yr)	2.40	0.0	3.2 -0.4	-20 4	15 -39
Germany France	-0.74 0.32 0.80	-2.4 -1.4 -0.1	4.6 0.5	-4 3	-24 -14
Spain Italy	1.42 1.91	-0.9 1.6	-4.9 1.9	0	-30 36
Portugal Greece	3.85	-5.2	-12.2	8 -31	130
Japan (2-yr) Japan	-0.22	0.0	-1.8	-3	-21
Emerging Markets	level	Daily	Weekly	-21 Monthly -105	Year
Brazil Chile	10.99 4.18	-7.0 -2.2	-32.8 -1.0	-24	-542 -47
Colombia Mexico	6.84 7.57	0.0 1.7 -0.5	-10.8 -6.8	-48 27	-190 136
Peru Poland	6.20 3.63	-2.7	-6.8 -17.7 -5.2	-19	-132 47
Russia Turkey	8.23 11.13	7.0 -2.0	-2.5 4.0	-33 -11	-128 36
India Indonesia	6.44	2.4	4.4	-8	-128 -130
Country risl		es in bp)			
Developed Markets 10-yr sovereign spread vs Germany	level	Daily	Weekly	Monthly	Year
France Italy	48 159	1.3 3.0	-4.1	7	11 61
Portugal	353	-3.8	-16.8	12	154
Spain 2-yr so vereign spread vs Germany	110	0.5	-9.5	4	-5
France Italy	17	3.8 2.4	4.1	-1	13 30
Portugal	95	1.6	1.1 -0.7	-11	51
Spain Emerging Markets	46 level	3.6 Daily	0.6 Weekly	-6 Monthly	13 Year
5-yr sovereign CDS * Brazil	247	-4	-8	-43	-247
Chile	81	-1	2	-2	-49
Colombia Mexico	150 168	-2 -2	-4 1	-15 11	-91 -4
Peru Venezuela	104 3,825	-1 -19	-1 198	-2 3	-83 -2334
Poland	70	-1	0	-6	-2
Russia Turkey	280	-4	14	7	6
China India	113 118	-2 -1	0 -6	-2 -7	5 -32
Indonesia	150 Indicators	-2	2	-8	-79
Volatilty indicators (%)	level	Daily	Weekly	Monthly	Year
VSTOXX	11 15	0.0 4.1	-3 0	-12 -3	-9 -12
EM EFT volatility Index Dollar/euro volatility	18 10	0.0 4.5	-5 -4	-14 -3	-31 -5
EM EX volatility index	11	-0.1	3	- 4	-3
Credit spread (BAA) (bps) US bonds volatility index	221 75	0.0 1.0 Daily	-4 0	-3 -5	-102 8
Banking 5 y CDS (bps) *	level 73		Weekly	Monthly	Year
US EZ	108	-1.5 -6.2	2	-11	-2 24
UK Large Spanish	91 117	-4.1 -6.6	-2	-3 -10	13 -21
Medium Spanish	154	-1.3	8	- 4	-7 Year
US Non-financial	153	Daily -1.5	2	-1	-2
EZ Non-financial UK Non-financial	100 123	-6.2 -0.6	1	-11	24 -71
Interbank mar	kets (%, che	inges in b	Weekly	Monthly	Year
EONIA Index	-0.35	0.00	0.0	0.0	-0.1
Euribor 3m Euribor 12m	-0.33 -0.10	0.00	0.0	0.0	-0.2 -0.2
Libor 3m Libor 12m	1.02 1.70	0.00	0.0	0.1	0.4
EZ TED spread 3m	59.8	-1.10	-8.6	-0.7	14.4
Stock	i markets (				
Main indices S&P500	level 2.275	Daily 0.0	Weekly 0.3	Monthly 1	Year 13
Dow Jones	19,886	0.0	0.0	1	13 16
Dow Jones Nikkel FTSE 100	19.886 19.095 7.327	0.0 0.0 -1.0 -0.1	0.0 -1.8 1.2	1 0 -1 5	13 16 3 20
Dow Jones Nikkel FTSE 100 EuroStoxx 50 IBEX	19,886 19,095 7,327 3,295 9,410	0.0 0.0 -1.0	0.0 -1.8	1 0 -1	13 16 3 20 4 1
Dow Jones Nikkel FTSE 100 EuroStoxx 50 IBEX DAX	19,886 19,095 7,327 3,295 9,410 11,555	0.0 0.0 -1.0 -0.1 -0.9 -1.1 -0.6	0.0 -1.8 1.2 -0.4 -0.9 -0.1	1 0 -1 5 1 1 2	13 16 3 20 4 1 12
Dow Jones Nikoł FTSE 100 EuroStoxs 50 IBEX DAX CAC MIB	19,886 19,095 7,327 3,295 9,410 11,555 4,882 19,287	0.0 0.0 -1.0 -0.1 -0.9 -1.1 -0.6 -0.8 -1.2	0.0 -1.8 1.2 -0.4 -0.9 -0.1 -0.1 -0.4	1 0 -1 5 1 1 2 1 2	13 16 3 20 4 1 12 8 -7
Dow Jones Nikoł FTSE 100 EuroStoxx 50 IBEX DAX CAC MB ASE Athens MSCI Latam *	19,886 19,095 7,327 3,295 9,410 11,555 4,882 19,287 645 74,740	0.0 0.0 -1.0 -0.1 -0.9 -1.1 -0.6 -0.8 -1.2 -1.0 -0.2	0.0 -1.8 1.2 -0.4 -0.9 -0.1 -0.1 -0.4 -2.2 2.0	1 0 -1 5 1 1 2 1 2 5 5	13 16 3 20 4 1 12 8 -7 4 26
Dow Jones Nikód FTSE 1000 EuroStova 50 IBEX DAX CAC AXSE Athens MSG Latam* Ibiovespa (Braz0	19,886 19,095 7,327 3,295 9,410 11,555 4,882 19,287 645 74,740 63,944	0.0 0.0 -1.0 -0.1 -0.9 -1.1 -0.6 -0.8 -1.2 -1.0 -0.2 0.5	0.0 -1.8 1.2 -0.4 -0.9 -0.1 -0.1 -0.1 -0.4 -2.2 2.0 3.6	1 0 1 5 1 1 2 1 2 5 5 5 10	13 16 3 20 4 1 12 8 -7 4 26 52
Dow Jones Nikola FTSE 100 EuroStoxx 50 DIRX CAC ACAC ADER Alleres MSCI Lam Hororapa Gaz0 Motol Motol	19,886 19,095 7,327 3,295 9,410 11,555 4,882 19,287 645 74,740 63,944 45,930 4,976	0.0 0.0 -1.0 -0.1 -0.9 -1.1 -0.6 -0.8 -1.2 -1.0 -0.2 0.5 -0.5 -0.6	0.0 -1.8 1.2 -0.4 -0.9 -0.1 -0.1 -0.4 -2.2 2.0 3.6 0.8 0.3	1 0 -1 5 1 1 2 5 5 5 10 0 1	13 16 3 20 4 1 12 8 -7 4 26 52 9 17
Dow Jones Nokoł FTSE 100 Ekrośtowa 50 BEX DAX CAC ASZ Athens Mod Laufallowa Mod Laufallowa Mod Dawi Jeszej Mod Charlowa Mod Dawi Jeszej Mod Charlowa Mod Charlowa	19,886 19,095 7,327 3,295 9,410 11,555 4,882 19,287 645 74,740 63,944 45,930 4,976 2,025 2,189	0.0 0.0 -1.0 -0.1 -0.9 -1.1 -0.6 -0.8 -1.2 -1.0 -0.2 0.5 -0.5 -0.6 0.5 -0.3	0.0 -1.8 1.2 -0.4 -0.9 -0.1 -0.1 -0.1 -0.4 -2.2 2.0 3.6 0.8 0.3 0.8 -1.0	1 0 -1 5 1 1 2 5 5 5 10 0 1 6 -2	13 16 3 20 4 1 12 8 -7 4 26 52 9 17 12 26
Dew Jones Nikoła FISE 1000 Ewołkawa Saw DAX OAX CAC CAC AKZ Jones Mill Mortol Motol	19,886 19,095 7,329 9,410 11,555 4,882 19,287 645 74,740 63,944 45,930 4,976 2,025 2,189 81,712 715	0.0 0.0 -1.0 -0.1 -0.9 -1.1 -0.6 -0.8 -1.2 -1.0 -0.2 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.3 -0.2 -0.1 -0.2 -0.5 -0.5 -0.5 -0.3 -0.2 -0.1 -0.2 -0.5 -0	0.0 -1.8 1.2 -0.4 -0.9 -0.1 -0.1 -0.1 -0.4 -2.2 2.0 3.6 0.8 0.3 0.8 -1.0 5.6 1.2	1 0 -1 5 1 1 2 5 5 5 10 0 1 6 -2 5 2	13 16 3 20 4 1 12 8 -7 4 26 52 9 17 12 26 16 8
Dew Jones Nokei FTSE 1000 Ewestons 50 BEX BEX Descent 50 ASE Alterns MSG Latum * Ibovepag diractio MSG Latum * Ibovepag diractio MSG Latum * Ibovepag diractio MSG Latum * Ibovepag diractio MSG Lature * Notice *	19,886 19,095 7,327 3,295 9,410 11,555 4,882 19,287 645 74,740 63,944 45,930 4,976 2,025 2,189 81,712 715 3,103	0.0 0.0 -1.0 -0.1 -0.9 -1.1 -0.6 -0.8 -1.2 -1.0 -0.2 0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.3 0.2 -0.1 -0.3	0.0 -1.8 1.2 -0.4 -0.9 -0.1 -0.1 -0.4 -2.2 2.0 3.6 0.8 0.3 0.8 -1.0 5.6 5.1.2 -2.1	1 0 -1 5 1 1 2 5 5 5 5 10 0 1 6 -2 5 2 0	13 16 3 20 4 1 12 8 -7 4 26 52 9 17 12 26 16 8 -6
Dew Jones Nokei Erste 1000 EwerStore, 500 BEX EwerStore, 500 BEX MES ASK Alleres MSC Latum * Ihovergat Grace MacDol Macol MacDol	19,886 19,095 7,327 3,295 9,410 11,555 4,882 645 74,740 63,940 4,976 2,025 2,189 81,712 715 3,103 5,270 Level	0.0 0.0 -1.0 -0.1 -0.9 -1.1 -0.6 -0.8 -1.2 -1.0 -0.2 0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.3 0.2 -0.1 -0.3 -0.4 Daily	0.0 -1.8 1.2 -0.4 -0.9 -0.1 -0.1 -0.4 -2.2 2.0 3.6 0.8 0.3 0.8 -1.0 5.6 1.2 -2.1 -1.4 Weekly	1 0 -1 5 1 1 2 5 5 5 5 5 10 0 1 6 6 -2 5 2 0 0 0 Monthly	13 16 3 20 4 1 12 8 -7 4 26 52 9 17 12 26 16 8 -6 15 Year
Dow Jones Nikoła FTSE 100 10 Ekonos 10 DAX DAX CAC MIC Alterns MSCI Latam * Nicola Mice Mices Mi	19.886 19.095 7.327 3.295 9.410 11.555 4.882 19.287 645 74.740 63.944 45.930 4.976 2.025 2.189 81.712 715 3.103 5.270 icvel 119.4 86.7	0.0 0.0 -1.0 -0.1 -0.9 -1.1 -0.6 -0.8 -1.2 -1.0 -0.2 0.5 -0.5 -0.5 -0.5 -0.5 -0.3 0.5 -0.3 0.2 -0.1 -0.3 -0.4 Daily 0.0 -0.1 -0.4 -0.2 -0.5 -0.5 -0.5 -0.5 -0.3 -0.4 -0.1 -0.5	0.0 -1.8 1.2 -0.4 -0.9 -0.1 -0.4 -2.2 2.0 3.6 0.8 0.3 0.8 -1.0 5.6 1.2 -2.1 -1.4 Weekly 1.1 0.6	1 0 -1 5 1 2 1 2 5 5 5 10 0 1 6 -2 5 5 2 0 0 0 0 Monthly 0 1	13 16 3 20 4 1 12 8 -7 4 26 52 9 17 12 26 16 8 -6 15 Year 30 36
Dow Jones Nikola FTSE 1000 EveryStance State DAX DAX DAX ACA MIS ACA ACA MIS A	19,886 19,095 7,327 9,410 11,552 4,882 19,287 645 74,740 63,944 45,930 4,976 2,025 2,189 81,712 715 3,103 5,270 1094	0.0 0.0 -1.0 -0.1 -0.9 -1.1 -0.6 -0.8 -1.2 -1.0 -0.2 0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.3 0.2 -0.1 -0.3 -0.2 -0.1 -0.3 -0.2 -0.1 -0.3 -0.2 -0.1 -0.3 -0.2 -0.1 -0.3 -0.2 -0.3 -0.5 -0.3 -0.5 -0.3 -0.5 -0.5 -0.5 -0.3 -0.2 -0.3 -0.2 -0.3 -0.2 -0.3 -0.4 -0.4 -0.4 -0.4 -0.4 -0.4 -0.4 -0.4 -0.4 -0.4 -0.4 -0.5 -0.4 -0.5	0.0 -1.8 1.2 -0.4 -0.9 -0.1 -0.1 -0.4 -2.2 2.0 3.6 0.8 0.3 0.8 -1.0 5.6 1.2 -2.1 -1.4 Weekly 1.1	1 0 -1 5 1 2 5 5 5 10 0 1 6 -2 5 5 2 0 0 0 Monthly 0	13 16 3 20 4 1 12 8 -7 4 26 52 9 17 12 26 16 8 -6 15 Year 30
Dew Jones Nokei Exercitors 65 IEEX Exercitors 65 IEEX Exercitors 65 MIB ASE Athens MSCI Latam * Ibovepag Gracto Motoci Mocoli Canopa * Mocoli Canopa * Nocoli	19,886 19,095 7,327 3,295 9,410 11,555 4,882 19,287 4,974 645 74,740 63,944 45,930 4,976 2,025 2,189 81,712 3,103 5,270 <b>ievel</b> 119,4 86,223 0,225 2,218 9,217 3,103 5,270 <b>ievel</b> 119,4 86,223 10,225 2,218 2,219	0.0 0.0 -1.0 -0.1 -0.4 -0.6 -0.8 -1.2 -1.0 -0.2 0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.3 0.2 -0.1 -0.3 -0.2 -0.1 -0.3 -0.2 -0.3 -0.4 Daily 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	0.0 -1.8 1.2 -0.4 -0.9 -0.1 -0.4 -2.2 0.3 -0.8 -0.3 0.8 -1.0 5.6 1.2 -2.1 -1.4 Weekly 1.1 0.6 -1.0 2.0 2.6	1 0 -1 5 1 2 5 5 5 5 5 10 0 1 6 -2 5 2 0 0 0 Monthly 0 1 -1 -1 2	13 16 3 20 4 1 12 8 -7 4 26 52 9 17 12 26 52 9 17 12 26 8 -7 4 26 52 9 17 12 26 52 9 17 12 26 52 9 17 16 8 -7 4 26 52 9 17 17 26 52 9 17 16 26 52 9 17 16 26 52 9 17 16 8 -7 4 26 52 9 17 16 8 -7 4 26 52 9 17 16 8 -7 4 26 52 9 17 16 8 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7
Dow Jones Nikoła FTSE 100 10 Ekonos 10 DAX DAX CAC MIC Alterns Michael	19,886 19,095 7,327 3,295 9,410 11,555 4,882 19,287 645 74,740 63,944 45,930 4,976 2,025 2,189 81,712 7,15 3,103 5,270 <b>bevel</b> 119,4 81,712 7,15 3,102 5,270 <b>bevel</b> 119,6 81,712 7,15 3,102 5,270 <b>bevel</b> 11,555 4,886 4,976 2,025 2,189 4,976 2,025 2,189 4,976 2,025 2,189 4,976 2,025 2,189 4,976 2,025 2,189 4,976 2,025 2,189 4,976 4,976 4,976 4,976 2,025 2,189 4,976 2,025 2,189 4,976 2,025 2,189 4,197 2,025 2,197 4,197 2,025 2,197 4,197 2,025 2,197 4,197 4,025 2,025 2,197 4,025 2,025 2,197 4,025 2,025 2,197 4,025 2,025 2,197 4,025 2,025 2,197 4,025 2,025 2,197 4,025 2,025 2,197 4,025 2,025 2,197 4,025 2,025 2,025 2,025 2,025 2,026 2,025 2,026 2,025 2,026	0.0 0.0 1.0 0.1 0.1 0.1 0.1 0.1 1.1 0.6 0.6 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.0 -1.8 1.2 -0.4 -0.9 -0.1 -0.1 -0.4 -2.2 2.0 3.6 0.8 0.3 0.8 -1.0 5.6 1.2 -2.1 -1.4 Weekly 1.1 0.6 -1.0 2.0 2.6 0.6 -0.6 -0.6	1 0 -1 5 1 1 2 5 5 10 0 1 6 -2 5 2 0 0 0 1 6 -2 5 2 0 0 0 1 1 -1 -1 2 1 -1 -1 -1 -1 -2 -5 -5 -1 -1 -2 -5 -5 -1 -1 -1 -2 -5 -5 	13 16 3 20 4 1 12 8 -7 4 52 9 17 12 26 52 9 17 12 26 16 8 -6 15 Year 30 36 17 40 39 38 -3
Dew Jones Nokel FISE 100 0 Exercore 50 Dex Content Dex Content Dex Content Noverson Stoceb Motol Motol MSC EM Exercore* Period MSC EM Exercore* Period MSC EM Autor MSC EM Autor Statest Endowersol Eventson generation Content Des Content Des Conten	19,886 19,095 7,327 3,295 9,410 11,555 4,882 19,287 645 74,740 4,882 19,287 645 74,740 4,892 4,976 2,025 2,189 81,712 715 3,103 5,270 <b>i</b> evel 119,4 86,230 6,230 43,8 244,3 102,3 61,2 5,27 59,6 23,0 43,8 244,23 102,23 61,2 5,27 5,27 5,27 5,27 5,27 5,27 5,27 5,	0.0 0.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 -1.8 1.2 -0.4 -0.9 -0.1 -0.4 -2.2 2.0 0.8 -3.6 0.8 -3.6 0.8 -3.6 0.8 -3.6 0.8 -3.6 0.8 -3.6 0.8 -3.6 -0.8 -3.6 -3.7	1 0 -1 5 1 1 2 5 5 5 10 0 1 1 6 2 5 5 0 0 0 1 1 -1 -1 -1 -1 -1 4	13 16 3 20 4 1 12 8 7 4 26 52 9 17 12 26 52 9 17 12 26 52 9 17 12 26 52 9 9 17 12 26 52 9 9 17 12 26 52 9 9 17 12 26 52 36 17 17 26 52 36 17 17 26 52 36 17 17 26 52 26 52 36 17 17 12 26 52 36 17 17 16 8 16 16 16 16 16 16 17 17 16 16 16 17 17 16 16 17 17 16 16 17 17 17 16 16 17 17 17 16 16 17 17 16 16 17 17 17 16 16 17 17 17 16 17 17 17 17 16 17 17 17 16 17 17 17 17 17 16 17 17 17 17 17 16 36 17 17 17 17 17 17 17 17 17 17
Dew Jones Nikels FISE 1000 Exercitous 05 000 CAC CAC CAC ASE Alteres MSC BAE Sequence MSC BAE Sequence MSC BAE Sequence MSC BAE Sequence Petrol MSC BAE Sequence MSC BAE Sequence MSC BAE Sequence MSC BAE Sequence MSC BAE Sequence MSC BAE MSC BAE Sequence MSC BAE MSC B	19,886 19,095 7,327 3,295 9,410 11,555 4,882 19,287 645 74,740 63,944 45,930 4,976 2,025 2,189 81,712 7,15 3,103 5,270 ievel 119,4 86,7 59,6 23,0 43,8 2,244,3 102,3 61,2 5,21 2,12,5 112,5 12,5 12,5 13,5	0.0 0.0 1.0 1.0 0.1 0.0 1.1 0.0 0.0	0.0 -1.8 -1.2 -0.4 -0.1 -0.1 -0.1 -0.1 -0.4 -0.4 -2.2 -2.0 -2.0 -3.6 -0.8 -0.3 -0.8 -0.3 -0.8 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3	1 -1 -1 -1 -1 -2 -2 -2 -2 -1 -1 -1 -1 -1 -1 -1	13 16 3 20 4 1 12 8 -7 4 26 52 9 17 12 26 15 15 15 16 8 -6 15 15 15 20 30 30 31 32 4 4 12 12 12 12 12 12 12 12 12 12
Dew Jones Noked Exections 60 EEX Exections 60 EEX Exections 60 MIB ASS Athens ASS Athens	19,886 19,095 7,327 3,295 9,410 11,555 4,822 4,822 4,822 4,822 4,824 4,824 4,824 4,824 4,824 4,824 4,976 2,025 2,189 81,712 7,15 3,103 5,270 2,125 3,103 5,270 119,4 86,712 7,15 3,103 5,270 119,4 119,4 86,712 7,15 119,4 119,4 119,4 86,712 119,4 119,4 119,4 119,4 119,4 119,4 119,4 119,4 119,4 119,4 119,207 119,40 110,40 119,	0.0 0.0 1.0 0.1 0.9 1.1 0.6 0.8 1.2 1.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0	0.0 -1.8 1.2 0.4 0.9 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1 -0.2 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8	1 0 -1 5 1 1 2 5 5 5 10 0 1 1 6 2 5 5 0 0 0 1 1 -1 -1 -1 -1 -1 4	13 16 3 20 4 1 12 8 -7 4 26 52 9 17 12 26 16 8 -6 15 15 17 40 36 15 17 40 37 20 38 -7 40 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7
Dew Jones Nokel FISE 100 0 Exercore 50 Dex Sectore 50 Dex Sectore 50 Dex Sectore 50 MBD Exercore 50 MBD Exercore 50 MSC EX Autor 50 MSC EX Aut	19,886 7,329 7,329 7,329 7,329 7,329 11,555 645 7,4,740 4,882 19,837 7,4,740 4,882 19,847 7,4,740 4,882 4,882 4,882 19,847 4,530 4,976 6,3944 4,530 10,23 5,270 10,44 10,44 10,45 10	0.0 0.0 0.0 0.0 0.1 0.0 0.0 0.0 0.0 0.0	0.0 1.8 1.2 0.4 0.9 0.1 0.4 2.2 0.3 0.8 0.3 0.8 0.3 0.8 0.3 0.8 0.3 0.8 0.3 0.8 0.3 0.8 0.3 0.8 0.4 1.0 0.4 1.2 0.4 0.4 1.2 0.4 1.2 0.4 1.2 0.4 1.2 0.4 1.2 0.4 1.2 0.4 1.2 0.4 1.2 0.4 1.2 0.4 1.2 0.4 1.2 0.4 1.2 0.4 1.2 0.4 1.2 0.4 1.2 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	1 0 -1 5 1 1 2 2 5 5 5 5 0 0 1 2 2 5 5 5 10 0 0 1 1 6 2 2 0 0 0 1 1 -2 1 2 5 5 5 0 0 0 1 1 1 2 2 5 5 5 5 5 0 1 0 1 1 2 2 5 5 5 5 5 5 5 1 0 1 0 1 1 2 2 5 5 5 5 5 5 5 1 0 1 0 1 1 2 2 5 5 5 5 5 5 5 5 0 0 1 1 2 2 5 5 5 5 5 5 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 0 0 1 0 0 0 1 0	13 16 3 20 4 1 12 8 -7 4 26 52 9 17 12 26 15 Year 30 36 17 40 36 15 Year 30 36 17 17 18 8 -7 4 12 12 12 12 12 12 12 12 12 12
Dew Jones Nikel Historia FISE 1000 Exections 05 OAX ACC CAC CAC CAC CAC CAC CAC CAC CAC C	19,886 3,295 3,295 3,295 3,295 3,295 3,295 4,802 4,802 11,555 4,802 4,802 4,503 6,645 4,503 6,645 4,503 6,62 3,218 81,712 3,103 3,102 3,10	0.0 0.0 1.0 1.0 0.9 1.1 0.9 1.1 0.9 0.8 1.0 0.8 1.0 0.8 1.0 0.8 0.1 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.0 1.8 1.2 0.4 0.9 0.1 0.4 2.0 0.6 0.8 0.3 0.8 0.0 0.8 0.0 0.6 0.5 6 0.5 6 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	1 0 -1 5 1 2 2 5 5 5 5 5 10 0 1 2 5 5 5 10 0 1 1 6 6 0 0 1 -1 -1 -1 -1 -1 -1 -1 -2 2 5 2 0 0 0 0 1 -1 -2 -2 5 5 5 5 5 5 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	13 16 3 20 4 1 12 8 -7 4 26 52 52 52 17 12 26 8 -6 15 15 15 15 15 20 38 -6 17 15 38 -7 16 8 -7 17 12 26 8 -7 17 12 26 8 -7 -7 4 26 52 17 12 26 8 -7 -7 4 26 52 17 12 26 8 -6 -7 -7 4 26 52 17 12 26 8 -6 -6 -1 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7
Dow Jones Noted TFSE 100 10 Extense 10 DAX CAC CAC CAC Mill Affers Model Model Model Model Call Model	19,886 9,3295 9,410 11,555 9,410 11,155 9,410 11,155 9,410 11,155 9,410 11,155 9,410 11,155 9,4482 19,262 19,262 11,154 45,330 12,158 9,171 12,14 45,330 12,15 9,16 12,12 12,15 11,15 12,14 12,15 12,15 11,15 12,1	0.0 0.0 -0.1 -0.1 -0.9 -0.9 -0.9 -0.1 -0.6 -0.6 -0.6 -0.5 -0.1 -0.2 -0.1 -0.2 -0.1 -0.2 -0.1 -0.2 -0.3 -0.3 -0.3 -0.4 -0.3 -0.4 -0.4 -0.4 -0.4 -0.4 -0.4 -0.4 -0.4	0.0 1.8 1.8 1.2 0.4 0.9 0.1 0.4 0.9 0.1 0.4 0.3 0.3 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	1 0 -1 5 1 1 2 2 5 5 5 5 5 5 5 5 5 5 5 5 10 0 0 1 1 2 5 5 5 7 0 0 1 1 6 6 7 2 0 0 0 1 1 1 2 2 5 5 5 5 5 5 5 5 10 1 1 2 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	13 16 3 20 4 1 12 8 -7 4 26 52 9 17 12 26 16 8 -6 15 Year 30 6 15 Year 30 35 36 17 12 26 8 -7 4 4 12 26 52 9 9 17 12 26 52 9 9 17 12 26 52 9 9 17 12 26 52 9 9 17 12 26 17 12 26 17 12 26 17 12 26 17 12 26 15 17 12 26 15 15 15 15 15 17 17 12 26 15 15 17 17 12 26 15 17 17 12 26 15 17 17 12 26 15 17 17 12 26 17 17 12 26 17 17 12 26 15 17 17 12 26 17 17 12 26 15 17 17 12 26 17 17 12 26 17 17 12 26 17 17 12 26 17 17 12 26 17 17 17 12 26 17 17 17 17 17 17 17 17 17 17
Dew Jones Nokel FISE 100 0 Exercore 10 DAX DAX CAC DAX CAC DAX MBD Exercore Match Ma	19,886 3,295 9,410 3,295 9,410 3,295 9,410 4,5030 4,805 4,802 4,80	0.0 0.0 1.0 0.1 0.1 0.1 0.0 0.0 0.0 0.0	0.0 1.8 1.8 1.2 0.4 0.9 0.1 0.4 0.9 0.1 0.4 0.3 0.8 0.3 0.8 0.3 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	1 0 -1 5 5 1 2 5 5 5 10 0 0 1 1 6 2 2 0 0 0 1 1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	13 16 3 20 4 1 12 8 7 4 12 26 52 9 17 26 52 9 17 12 26 16 8 -6 15 12 26 16 8 -7 4 12 26 12 26 12 26 12 26 12 26 12 26 12 26 12 26 12 26 12 26 12 26 12 26 12 26 12 26 12 26 12 26 12 26 12 26 12 26 16 8 36 36 17 12 12 26 16 8 36 36 17 17 12 26 16 8 36 17 17 17 12 26 16 8 36 17 17 17 17 17 16 16 16 17 17 17 17 17 17 16 16 16 15 17 17 17 17 17 17 17 17 17 17
Dow Jones Nikole FISE 1000 Exections 05 OAX ACC CAC CAC CAC MB More Market More More Market More More Market More More Market More More More More Mark	19,886 3,295 9,410 3,295 9,410 3,295 9,410 4,530 4,867 4,882 4,4530 4,927 6,45 3,103 3,270 4,927 6,45 3,103 4,927 6,45 3,103 3,103 3,5270 1,103 4,927 6,103 4,927 6,103 3,103	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 1.8 1.2 0.4 0.9 0.1 1.2 2.0 0.1 0.1 0.4 0.1 0.1 0.4 0.2 2.2 0.6 0.8 0.3 0.8 0.3 0.8 0.3 0.8 0.3 0.3 0.6 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	1 0 -1 5 5 1 1 2 2 5 5 5 5 0 0 1 2 5 5 5 0 0 0 1 1 6 -2 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 -1 5 5 5 5 5 5 5 5 0 0 1 -1 -1 -2 2 5 5 5 5 5 0 0 0 1 -1 -1 -2 2 5 5 5 5 5 -5 -5 0 0 0 0 1 -1 -6 	13 16 3 20 4 1 12 8 7 4 4 12 8 7 4 4 52 9 17 12 26 52 9 17 12 26 16 8 -6 15 16 8 -6 15 16 8 -7 12 26 16 8 -7 12 26 16 8 -7 12 26 16 8 -7 12 26 16 8 -6 15 16 16 8 -6 17 10 10 10 10 10 10 10 10 10 10
Dew Jones Nikels Exections 50 Exections 50 OAX At Arters At Arters	19.886 7 3.295 9.410 3.295 9.410 3.295 9.410 4.827 4.882 9.411,555 1.4582 7.4740 63.944 4.976 63.944 4.976 63.944 4.976 63.944 4.976 7.4740 63.944 1.976 7.4740 7.95.0 6.96 7.125 7.120 7.15 7.120 7.15 7.10 7.15 7.10 7.15 7.10 7.15 7.10 7.15 7.10 7.15 7.15 7.15 7.15 7.15 7.15 7.15 7.15	0.0 0.0 1.0 0.0 1.0 0.0 1.0 0.0 1.0 0.0 0	0.0 1.8 1.2 0.4 0.9 0.1 0.4 0.9 0.1 0.4 0.1 0.4 0.2 2.0 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0	1 0 -1 5 5 1 2 5 5 5 10 0 0 1 1 6 2 2 0 0 0 1 1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	13 16 3 20 4 1 12 8 -7 4 26 52 9 17 12 26 52 9 17 12 26 6 8 -7 4 26 52 9 17 12 26 52 9 17 12 26 52 9 17 12 26 52 9 17 12 26 52 9 17 12 26 52 9 17 12 26 52 9 17 12 26 52 9 17 12 26 6 6 15 17 16 16 8 -7 17 12 26 15 15 17 17 12 26 15 17 17 12 26 15 17 17 16 16 16 16 17 17 17 17 16 16 16 17 17 17 17 17 16 16 17 17 17 17 17 17 17 17 17 17
Dow Jones Nokel FISE 100 O December 200 December 200 DAX DAX DAX DAX DAX DAX DAX DAX	19,886 7,327 7,327 7,324 7,329 7,329 7,329 9,410 2,3295 9,410 2,3295 9,410 2,3295 9,410 2,3295 9,410 2,320 4,320 2,320 4	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 1.8 1.2 0.4 0.9 0.1 0.1 0.1 0.1 0.2 0.6 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	1 0 -1 5 5 1 1 2 1 2 5 5 5 1 0 0 0 1 1 6 -2 5 5 2 0 0 0 1 1 -1 -2 5 5 5 10 0 0 1 1 6 -2 2 5 0 0 0 1 1 -2 5 5 5 5 10 0 0 0 1 1 -2 5 5 5 5 5 5 5 5 5 10 0 0 0 1 1 -2 5 5 5 5 5 10 0 0 0 1 1 -2 5 5 5 5 5 5 10 0 0 0 1 1 -2 5 5 5 5 5 0 0 0 0 1 1 -2 5 5 5 5 0 0 0 0 0 1 1 -2 5 5 5 5 0 0 0 0 0 0 1 1 -2 5 5 5 5 5 0 0 0 0 0 0 0 0 0 1 1 -2 5 5 5 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	13 16 3 20 4 1 12 8 -7 4 26 52 52 52 17 12 26 6 8 -7 40 30 6 15 Year 30 36 17 12 26 8 -7 40 10 20 17 17 20 10 20 10 20 10 20 10 20 10 20 10 20 10 20 20 20 20 20 20 20 20 20 2
Dow Jones Nokel FISE 100 0 Exclosure 50 Exclosure 50 CAC CAC ASS Dense Mass Mass Dense Mass Dense D	19,886 7,327 7,327 7,327 7,327 7,329 7,329 7,329 7,329 7,4740 63,344 4,5330 64,25 2,76 9,25 2,76 9,25 2,76 9,25 2,76 9,25 2,76 9,25 2,76 9,25 2,76 9,25 2,76 9,25 2,76 2,24 4,3 3,25 1,13 4,24 4,3 4,24 4,3 4,24 4,3 4,25 4,24 4,3 4,25 4,24 4,3 4,25 4,25 4,25 4,25 4,25 4,25 4,25 4,25	0.0 0.0 1.0 0.0 1.0 0.0 1.0 0.0 1.1 0.0 0.0	0.0 1.8 1.2 0.4 0.9 0.1 0.1 0.1 0.4 4.2 2.0 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0	1 0 -1 5 5 1 1 2 5 5 1 1 2 5 5 1 1 2 5 5 1 1 2 5 5 5 1 1 2 5 5 5 2 2 0 0 0 1 1 -2 5 5 5 2 2 0 0 0 1 -2 5 5 2 2 0 0 0 0 1 -2 5 5 2 2 0 0 0 0 1 -2 5 5 2 2 0 0 0 0 1 -2 -2 5 2 2 0 0 0 0 0 1 -2 -2 5 -2 2 0 0 0 0 0 -2 -2 -2 -2 -2 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	13 16 3 20 4 1 12 8 -7 4 26 52 9 17 12 26 16 8 -6 15 15 15 15 16 8 -6 15 15 16 8 -7 4 4 26 17 12 26 17 12 26 17 12 26 17 12 26 17 12 26 17 12 26 17 12 26 17 17 12 26 15 15 17 17 17 17 17 17 17 17 17 17
Dow Jones Nokel Heardbars De Exections 20 OAX At Alteres At Alteres At Alteres Now and Check MB Motod Motod MSC DE Keepes <sup>*</sup> Petrad Motod Att Motod MSC DE Keepes <sup>*</sup> Petrad Motod Att Motod MSC DE Keepes <sup>*</sup> Petrad Motod Att MSC DE Nature MSC	19.886 7.327	0.0 0.0 1.0 0.0 1.0 0.0 1.0 0.0 1.1 0.0 0.0	0.0 0.0 1.8 1.2 0.4 0.9 0.1 0.1 0.1 0.1 0.4 4.2 2.0 0.3 0.8 0.3 0.8 0.0 0.8 0.0 0.6 0.6 0.6 0.6 0.5 0.6 1.2 1.4 1.1 0.6 0.6 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	1 0 -1 5 5 1 1 2 2 1 2 5 5 5 5 5 0 0 0 1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -	13 16 3 20 4 1 12 8 -7 4 26 52 9 17 12 26 16 8 -6 15 17 12 26 16 8 -6 15 17 12 26 16 8 -7 4 26 17 12 26 17 12 26 17 12 26 17 12 26 17 12 26 17 12 26 17 12 26 17 12 26 17 12 26 17 17 12 26 17 17 17 26 17 17 17 26 17 17 17 17 17 17 17 17 17 17
Dow Jones Hokel Hokel Excloses 50 CAC CAC CAC CAC CAC CAC CAC CAC CAC CA	19.886 3.295	0.0 0.0 0.0 1.0 0.0 1.0 0.0 1.1 0.0 0.0	0.0 0.0 1.8 1.2 1.4 0.4 0.9 0.1 1.4 0.4 0.9 0.1 0.1 0.1 0.1 0.4 4.2 2.0 0.3 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	1 0 -1 5 5 1 1 2 1 1 2 5 5 10 0 1 -1 -2 5 5 0 0 1 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	13 16 3 20 4 1 12 8 -7 4 26 52 9 17 12 26 16 8 -6 15 17 12 26 16 8 -6 15 17 12 26 16 8 -7 4 26 17 12 26 17 12 26 17 12 26 17 12 26 17 12 26 17 12 26 17 12 26 17 12 26 17 12 26 17 17 12 26 17 17 12 26 17 17 17 26 17 17 17 26 17 17 17 26 17 17 17 17 17 17 17 17 17 17
Dow Jones Fibe 1000 Fibe 1000 Fibe 1000 DAX DAX DAX DAX DAX DAX DAX DAX	19,886 3,245	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 1.8 1.2 0.4 0.4 0.4 0.1 0.1 0.1 0.1 0.1 0.1 0.4 2.0 0.3 6.0 8.0 0.3 0.8 1.0 0.8 0.3 0.8 1.0 0.8 0.3 0.8 1.0 0.8 0.8 0.3 0.8 1.0 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0	1 1 0 -1 5 5 1 1 2 1 1 2 5 5 5 5 5 5 5 5 5 5 5 5 5	13 16 3 20 4 1 12 20 4 1 12 20 4 1 12 20 4 1 12 20 4 1 12 20 4 1 12 20 4 1 12 20 12 26 16 16 16 16 16 16 16 16 16 1
Dow Jones Fibe 1000 - Second	19.886 3245 19.005 7.327 9.410 52.245 9.410 52.245 9.410 52.245 9.410 52.245 9.410 52.245 9.410 52.245 9.410 52.245 9.410 52.245 9.410 52.245 9.410 52.240 119.4 45.330 52.270 119.4 45.330 52.270 119.4 45.310 52.270 119.4 45.310 52.270 119.4 45.310 52.270 119.4 45.310 52.270 119.4 45.310 52.270 119.4 45.310 52.270 119.4 45.310 120.5 12.2 52.2 4.5 12.5 12.5 12.5 12.5 12.5 12.5 12.5 12	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 1.8 1.2 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	1 1 0 -1 5 5 1 1 2 1 1 2 5 5 5 5 5 5 5 5 5 5 5 5 5	13 16 3 20 20 4 1 12 2 8 4 2 2 5 2 9 17 12 2 6 8 4 2 5 2 9 17 12 2 6 8 4 5 5 9 17 12 2 6 8 4 5 5 9 17 12 2 6 8 4 5 5 9 17 12 2 6 8 4 5 5 9 17 12 2 6 8 8 4 5 5 9 17 12 2 6 8 8 4 5 5 9 17 12 2 6 8 8 4 5 15 17 17 17 2 6 8 8 4 5 17 17 17 17 17 17 17 17 17 17
Dow Jones First 1000 First 1000 First 1000 CAC CAC CAC CAC ACA MB Mono Globol Moto	19,886 3,245 3,245 3,245 3,245 3,245 3,245 3,245 3,245 3,245 3,245 3,245 3,245 3,245 3,245 3,245 3,216	0.0 0.0 0.0 1.0 0.0 1.0 0.0 1.0 0.0 1.0 0.0 0	0.0 0.0 1.8 1.2 0.4 0.4 0.4 0.4 0.4 0.4 0.5 0.3 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	1 1 0 -1 5 5 1 2 2 5 5 1 0 0 1 2 5 5 5 5 1 0 0 0 0 0 0 0 0 0 0 0 0 0	13 16 3 20 4 1 12 12 20 4 1 12 12 20 4 1 12 12 20 4 12 12 20 4 12 12 20 12 12 20 12 12 12 20 12 12 12 20 12 12 12 20 12 12 12 20 12 12 12 20 12 12 12 20 12 12 12 20 12 12 12 20 12 12 12 20 12 12 20 12 12 20 12 20 12 12 20 12 12 20 12 20 12 20 12 20 12 20 12 20 12 20 10 12 20 10 10 12 20 10 10 10 20 10 10 10 20 10 10 10 10 10 10 10 10 10 1
Dow Jones Fibe Tools Fibe Tools Fibe Tools Comment C	19,886 3,347 3,327 3,327 3,347 3,357 1,357 3,357 1,357 3,357 1,357 3,357	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 1.8 1.2 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	1 1 0 -1 5 -1 1 2 2 5 5 -1 0 0 1 1 2 2 5 5 -1 0 0 0 1 -2 5 5 -5 -5 -5 -0 0 0 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	13 16 3 20 4 1 12 20 4 1 12 20 4 1 12 20 4 4 20 20 4 12 20 20 20 20 20 20 20 20 20 2
Dow Jones FUSE 1000 FUSE 1000 FUSE 1000 Extravors 00 CAC CAC CAC CAC CAC CAC CAC C	19,886 3,345 3,355 3,345 3,355 3,345 3,355	0.0 0.0 0.0 1.0 0.0 1.0 0.0 0.0 0.0 0.0	0.0 0.0 1.18 1.2 1.4 0.4 0.9 1.2 0.4 0.1 0.1 0.1 0.1 0.1 0.2 0.2 0.3 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	1 1 0 -1 -1 -1 -1 -2 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	13 16 3 20 4 1 12 12 20 4 1 12 12 12 20 4 12 12 12 12 12 12 12 12 12 12
Dow Jones FUSE 100 - 1	19.886 344 345 345 345 345 345 345 345 345 345	0.0 0.0 1.0 0.0 1.0 0.0 1.0 0.0 1.0 0.0 0	0.0 0.0 1.8 1.2 1.8 1.2 0.4 0.5 1.2 0.4 0.4 0.5 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 5 5 1 1 1 2 5 5 1 0 0 1 1 1 6 2 5 2 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	13 16 3 20 4 1 12 12 20 4 1 12 12 20 4 1 12 12 20 4 20 20 20 20 20 20 20 20 20 20
Dow Jones Fibe Tools Fibe Tools Fibe Tools Content C	19,886 3,321 4,522 4,523	0.0 0.0 1.0 0.0 1.0 0.0 1.0 0.0 1.0 0.0 0	0.0 0.0 1.18 1.2 1.4 0.4 0.9 1.2 0.4 0.1 0.1 0.1 0.1 0.1 0.2 0.2 0.3 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	1 1 0 -1 -1 -1 -1 -1 -2 -5 -5 -5 -5 -5 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7	13 16 3 20 4 1 12 8 7 4 5 5 5 5 7 7 12 2 6 8 5 5 5 7 7 12 2 6 8 8 5 5 5 7 7 12 2 6 8 8 5 5 5 7 7 4 4 8 8 8 5 5 5 7 7 4 4 5 5 5 5 7 7 4 6 8 8 8 8 8 8 8 8 8 8 8 8 8
Dow Jones Trise 100 o Trise 100 o DAV o DAV o Network 100 o Net	19.886 93410	0.0 0.0 1.0 0.0 1.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 1.8 1.2 1.8 1.2 1.4 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	1 1 1 1 1 1 2 5 5 1 2 1 2 5 5 1 2 5 5 1 2 5 5 1 2 5 5 1 2 2 5 5 1 1 2 5 5 1 1 2 2 5 5 1 1 2 2 5 5 1 1 1 2 5 5 1 1 1 2 5 5 1 1 1 2 5 5 1 1 1 1 2 5 5 2 2 0 1 1 1 1 1 1 1 1 1 1 1 1 1	13 16 3 20 4 4 12 8 7 4 4 7 4 4 7 4 4 7 7 4 4 7 7 4 4 7 7 4 4 7 7 4 4 7 7 4 4 7 7 4 4 7 7 4 4 7 7 4 4 7 7 7 4 4 7 7 7 7 7 7 12 12 12 12 12 12 12 12 12 12
Dow Jones FUSE 100 - 1 FUSE	19,886 3,3410 19,005 7,327 05 3,3410 11,555 4,3410 11,555 4,3410 11,555 4,3410 11,555 4,3410 11,555 4,341 4,582 4,5930 4,5976 4,5930 4,5976 4,5930 4,5976 4,5930 4,5976 4,5930 4,5976 4,5930 4,5976 4,5930 4,5976 4,	0.0 0.0 1.0 0.0 1.0 0.0 0.0 0.0 0.0 0.0	0.00 1.0 1.18 1.18 1.18 1.18 1.18 1.18 1	1 1 1 1 1 1 1 1 2 1 1 2 5 5 1 1 1 2 2 5 5 1 0 0 0 1 1 1 1 2 1 1 2 1 1 2 1 1 1 2 1 1 1 1	13 16 3 20 4 4 12 8 7 4 5 20 9 17 12 26 5 25 25 25 25 25 17 12 26 16 16 16 16 27 4 4 5 27 4 4 5 27 4 4 5 27 4 4 5 27 4 28 29 27 17 12 26 10 26 10 26 27 27 26 26 27 27 26 26 26 27 27 26 26 27 27 26 26 27 27 26 26 27 27 26 26 27 27 26 26 27 27 26 26 26 27 27 26 26 27 27 26 26 27 27 26 26 27 27 27 26 26 27 27 27 26 26 27 27 27 27 27 27 27 27 27 27
Dow Jones First 100 1 First 200 1 First 200 1 First 200 1 CAC CAC CAC CAC CAC CAC CAC CA	19.886 7 3227 322 32 32 32 32 32 32 32 32 32 32 32 32	0.0 0.0 1.0 0.0 1.0 0.0 1.0 0.0 0.0 0.0	0.0 0.0 1.8 1.2 0.1 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	1 1 1 1 1 1 2 5 5 5 5 5 5 5 5 5 5 7 1 2 1 2 1 2 2 5 5 5 5 5 7 1 2 2 5 5 5 5 7 1 0 0 0 1 1 2 2 5 5 5 5 5 5 5 7 0 0 0 0 0 0 0 0 0 0 0 0 0	13 16 3 20 4 4 12 8 7 14 25 29 9 17 16 8 -7 4 25 29 9 17 16 8 -7 17 16 8 -7 17 16 8 -7 17 16 8 -7 17 16 8 -7 17 16 8 -7 17 16 8 -7 17 16 8 -7 17 16 8 -7 17 16 8 -7 17 16 8 -7 17 16 8 -7 17 16 16 16 8 -6 -6 15 17 17 16 16 16 16 16 16 16 16 17 17 10 17 10 17 10 10 17 10 10 17 10 10 17 10 10 10 10 10 10 10 10 10 10
Dow Jones Trise 100	19,886 9,3410 9,	0.0 0.0 0.0 1.0 0.0 0.0 0.0 0.0	0.0 0.0 1.0 1.18 1.2 1.8 1.2 0.0 1.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1 1 1 1 1 2 5 5 1 1 2 2 5 5 10 0 1 1 2 2 5 5 0 0 0 1 1 2 2 5 5 0 0 0 1 1 2 2 5 5 0 0 0 1 1 2 2 5 5 0 0 0 1 1 2 2 5 5 0 0 0 1 1 2 2 5 5 0 0 0 1 1 1 2 2 5 5 0 0 0 1 1 1 2 2 0 0 0 0 1 1 1 1 2 2 0 0 0 0 1 1 1 1 2 2 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1	13 16 3 24 4 4 12 8 -7 4 4 -7 4 4 -7 -7 20 5 20 9 9 17 12 26 15 27 20 17 12 26 16 16 16 16 16 16 16 12 26 27 20 20 20 20 20 20 20 20 20 20
Dow Jones FUSE 100 FUSE 100 FUSE 100 Eventions 60 CAC CAC CAC CAC CAC CAC CAC CA	19,886 3,323 4,325	0.0 0.0 0.0 1.0 0.0 0.0 1.0 0.0 0	0.0 0.0 1.8 1.2 1.8 1.2 0.1 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	1 1 1 1 1 1 1 1 2 2 5 5 1 1 1 1 1 2 2 5 5 1 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1	13 16 3 20 4 1 12 8 24 4 1 12 8 24 4 12 8 24 24 4 26 25 29 17 12 26 25 29 17 16 8 6 15 16 8 6 15 16 8 6 15 16 16 8 6 15 17 17 16 8 16 16 8 16 16 16 16 16 16 16 16 17 17 17 17 16 16 16 16 16 16 17 17 17 17 17 17 17 17 17 17
Dow Jones First 1000 First 1000 First 1000 CAC CAC CAC CAC CAC CAC CAC	19,886 3,337 3,327	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 1.8 1.2 1.8 1.2 0.4 0.1 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	13 16 3 20 4 16 20 20 4 20 20 20 20 20 20 20 20 20 20
Dow Jones Fibe 1000 Fibe 1000 Fibe 1000 Entoro 10 Entoro 10	19.886 (19.005) (19.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.0 0.0 1.3 1.3 1.4 1.4 1.4 1.4 1.4 1.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0	1 1 1 1 1 2 5 5 1 1 1 2 2 5 5 1 1 2 2 5 5 10 0 0 1 1 1 2 2 5 5 0 0 0 0 1 1 1 2 5 5 0 0 0 0 0 0 1 1 1 2 5 5 5 0 0 0 0 0 0 0 0 0 0 0 0 0	13 16 3 24 4 4 12 8 7 4 12 8 7 12 8 7 12 8 7 12 8 7 12 8 7 12 8 7 12 8 7 12 8 7 12 8 7 12 8 7 12 8 7 12 8 7 12 8 7 12 12 8 7 12 12 8 7 12 12 12 12 12 12 12 12 12 12
Dow Jones Trise 100 o Source Trise 100 o Source Dava Source Dava Source Dava Source Dava Source Dava Source Bornes Source Sou	19.886 33.327 34.2	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 1.8 1.2 1.8 1.4 0.5 0.1 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	1 1 1 1 1 1 1 1 2 2 5 5 5 1 0 0 0 0 0 0 0 0 0 0 0 0 0	13 16 3 20 4 4 1 12 8 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7
Dow Jones FUSE 100 - 1	19.886 3445 3456 3456 3456 3456 3456 3456 345	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 1.0 1.0 1.0 1.0 1.0 0.0 0.0 0.0	1 1 1 1 1 1 1 1 1 1 2 5 5 5 5 10 0 0 1 1 1 1 2 5 5 5 5 10 0 0 1 1 1 1 1 2 5 5 5 5 0 0 0 1 1 1 1 1 1 2 5 5 5 5 5 5 5 5 5 5 5 5 5	13 16 3 20 4 4 1 12 8 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7
Dow Jones First 100 0 First 200 0 First 200 0 Com 200 0 Com 200 0 Com 200 0 Motor Lamon 0 Motor 1 Motor 1 Moto	19.886 (19.005) (19.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 1.3 1.3 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	1 1 1 1 1 1 2 5 5 1 1 2 2 5 5 10 0 1 1 2 5 5 5 0 0 0 1 1 1 2 5 5 0 0 0 0 1 1 1 2 5 5 0 0 0 0 0 1 1 1 2 5 5 5 0 0 0 0 0 0 1 1 1 1 2 5 5 0 0 0 0 0 0 0 0 0 0 0 0 0	13 16 3 20 4 4 4 4 4 4 4 4 4 4 4 4 4





Debt Developed Markets	markets ( 10Y, %, d	anges in t Daily	ip) Week	Month	Year
US (2-yr) US	1.19 2.40	0.0	1.2 3.2	-8 -20	16 15
GER (2-yr) Germany	-0.74 0.32	-2.4 -1.4	-0.4 4.6	4	-39 -24
France Spain	0.80 1.42	-0.1 -0.9	0.5 -4.9	3	-14 -30
Italy Portugal	1.91 3.85	1.6 -5.2	1.9 -12.2	9	36 130
Greece Japan (2-yr)	7.01 -0.22 0.05	6.1 0.0	-11.4 -1.8 -3.7	-31	-114 -21 -21
Japan Emerging Markets	level	-0.6 Daily	Weekly	-21 Monthly	
Brazil Chile Colombia	10.99 4.18 6.84	-7.0 -2.2 0.0	-32.8 -1.0 -10.8	-105 -24 -48	-542 -47 -190
Mexico Peru	7.57	1.7	-6.8	27	136 -132
Poland Russia	3.63	-2.7	-17.7 -5.2 -2.5	10	47
Turkey India	11.13	-2.0 2.4	4.0	-11	36 -128
Indonesia	7.52 ountry risk (bp, chang	-9.5	-26.2	-45	-130
Developed Markets 10-yr sovereign spread vs Germ	level	Daily	Weekly	Monthly	Year
France Italy	48	1.3 3.0	-4.1	7	11 61
Portugal Spain	353 110	-3.8 0.5	-2.7 -16.8 -9.5	12	154 -5
2-yr sovereign spread vs Germa France	ny 17	3.8	4.1	-1	13
Italy Portugal	65	2.4	1.1 -0.7	2	30
Spain	95 46	1.6 3.6	0.6	-6	51 13
Emerging Markets 5-yr sovereign CDS *	level	Daily	Weekly	Monthly	Year
Brazil Chile	247 81	-4 -1	-8 2	-43 -2	-247 -49
Colombia Mexico	150 168	-2 -2	-4 1	-15 11	-91 -4
Peru Venezuela	104 3.825	-1 -19	-1 198	-2 3	-83 -2334
Poland Russia	70 180	-1	0	-6 -1	-2 -124
T urkey China	280 113	-4 -2	14 0	7	6 5
India Indonesia	118 150	-1 -2	-6 2	-7 -8	-32 -79
Volatilty indicators (%)	Risk indicaton	a Daily	Weekly	Monthly	Year
VIX VSTOXX	11	0.0	-3 0	-12 -3	-9 -12
EM EFT volatility Index Dollar/euro volatility	18	0.0 4.5	-5	-3 -14 -3	-12 -31 -5
EM FX volatility index Credit spread (BAA) (bps)	11 221	-0.1 0.0	3	-1	-3 -102
US bonds volatility index	75	1.0	0	-5	8
Banking 5 y CDS (bps) * US	level 73	Daily -1.5	Weekly 2	Monthly -1	Year -2
EZ UK	108 91	-6.2 -4.1	1	-11	24 13
Large Spanish Medium Spanish	117 154	-6.6 -1.3	-2 8	-10 -1	-21 -7
Corporate 5y CDS (bps) * US Non-financial	level 153	Daily -1.5	Weekly 2	Monthly -1	Year -2
EZ Non-financial UK Non-financial	100	-6.2 -0.6	1	-11	24 -71
Inter	bank markets (%, ch	anges in b Daily		Monthly	Year
EONIA Index	-0.35	0.00	0.0	0.0	-0.1
Euribor 3m Euribor 12m	-0.33 -0.10	0.00	0.0 0.0	0.0 0.0	-0.2 -0.2
Libor 3m Libor 12m	1.02 1.70	0.00 0.00	0.0	0.1 0.0	0.4
EZ TED spread 3 m	59.8 Stock markets (	-1.10 %)	-8.6	-0.7	14.4
					Year
Main indices	level	Daily	Weekly	Monthly	
S&P500 Dow Jones	2.275 19.886	0.0	0.0	Monthly 1 0	13 16
S&P500 Dow Jones Nikkei FTSE 100	2,275 19,886 19,095 7,327	0.0 0.0 -1.0 -0.1	0.0 -1.8 1.2	0 -1 5	13 16 3 20
S&P500 Dow Jones Nikkei FTSE 100 EuroStoxx 50 IBEX	2.275 19.886 19,095 7.327 3.295 9.410	0.0 0.0 -1.0 -0.1 -0.9 -1.1	0.0 -1.8 1.2 -0.4 -0.9	0 -1 5 1	13 16 3 20 4 1
S&P500 Dow Jones Nikkei FTSE 100 EuroStoxx 50	2,275 19,886 19,095 7,327 3,295 9,410 11,555	0.0 0.0 -1.0 -0.1 -0.9 -1.1 -0.6	0.0 -1.8 1.2 -0.4 -0.9 -0.1	0 -1 5 1 1 2	13 16 3 20 4 1 12 8
S&P500 Dow Jones Nikoei FTSE 100 EuroStoxx 50 IBEX DAX CAC CAC MIB ASF Athens	2.275 19.886 19,095 7.327 3.295 9.410	0.0 0.0 -1.0 -0.1 -0.9 -1.1 -0.6 -0.8 -1.2	0.0 -1.8 1.2 -0.4 -0.9 -0.1 -0.1 -0.1	0 -1 5 1	13 16 3 20 4 1 12 8
S&P500           Dow Jones           Nikkei           FTSE 100           EuroStoxx 50           IBEX           DAX           CAC           MIB           ASE Athens           MSCI Latam *	2.275 19,886 19,095 7.327 3.295 9,410 11,555 4.882 19,287 645 74,740	0.0 0.0 -1.0 -0.1 -0.9 -1.1 -0.6 -0.8	0.0 -1.8 1.2 -0.4 -0.9 -0.1 -0.1 -0.4 -2.2 2.0	0 -1 5 1 2 1 2 5 5	13 16 3 20 4 1 12 8 -7 4 26
S&P500 Dow Jones Nikkei FTSE 100 EuroStoxx 50 IBEX DAX CAC MB ASE Athens MB ASE Athens MSCI Latam * Ibovespa (Brazil) Mechol	2.275 19.886 19.095 7.327 3.295 9.410 11.555 4.882 19.287 645 74.740 63.944 45.930	0.0 0.0 -1.0 -0.1 -0.9 -1.1 -0.6 -0.8 -1.2 -1.0 -0.2 -0.5 -0.5	0.0 -1.8 1.2 -0.4 -0.9 -0.1 -0.1 -0.4 -2.2 2.0 3.6 0.8	0 -1 5 1 2 1 2 5 5 5 10 0	13 16 3 20 4 1 12 8 -7 4 26 52 9
S&P500 Dow Jones Nikkei FTSE 100 EuroStox 50 IBEX DAX CAR MSC Latam * IBovesa (Binzt) Medod MSC Latam * IBovesa (Binzt) Medod MSC Lata Lexope * Polend	2.275 19.886 19.095 7.327 3.295 9.410 11.555 4.882 19.287 645 74.740 63.944 45.930 4.976 2.025	0.0 0.0 -1.0 -0.1 -0.9 -1.1 -0.6 -0.8 -1.2 -1.0 -0.2 0.5 -0.5 -0.6 0.5	0.0 -1.8 1.2 -0.4 -0.1 -0.1 -0.4 -2.2 2.0 3.6 0.8 0.3 0.8	0 -1 5 1 1 2 5 5 5 10 0 1 6	13 16 3 20 4 1 12 8 -7 4 26 52 9 17 12
SAF9500           Dow Jones           Nilkei           FTSE 100           EuroStoxx 50           IBEX           DAX           CAC           MBB           ASE Athens           MSCI Latam*           Ibovespa (Brazil)           Mextel           MSCI ELEurope*           Polend           Micex (Russia)	2.275 19,886 19,095 7.327 3.295 9.410 11,555 4.882 19,287 645 74,740 63,944 45,930 4,976 2.025 2.189 81,212	0.0 0.0 -1.0 -0.1 -0.9 -1.1 -0.6 -0.8 -1.2 -1.0 -0.2 0.5 -0.5 -0.6	0.0 -1.8 1.2 -0.4 -0.9 -0.1 -0.1 -0.4 -2.2 2.0 -3.6 -0.8 -0.3	0 -1 5 1 2 1 2 5 5 5 10 0 1	13 16 3 20 4 1 12 8 -7 4 26 52 9 17
SAP500 SAP500 Dow Jones Note: Exercise of the second secon	2.275 19,886 19,085 7.327 3.295 9.410 11,155 4.882 19,287 645 7.4,740 63,944 45,930 4,976 2.025 2.189 81,712 7.15 3.103	0.0 0.0 -1.0 -0.1 -0.9 -1.1 -0.6 -0.8 -1.2 -1.0 -0.2 -0.5 -0.5 -0.6 0.5 -0.3 0.2 -0.1 -0.3	0.0 -1.8 1.2 -0.4 -0.1 -0.1 -0.4 -2.2 2.0 3.6 0.8 0.3 0.8 -1.0 5.6 1.2 -2.1	0 -1 5 1 2 5 5 5 10 0 1 6 -2 5 2 0	13 16 3 20 4 1 12 8 -7 4 26 52 9 17 12 26 16 8 -6
SAP500 SAP500 Dow Jones Note: Exercise 1 Exercise 1 EX Exercise 1 EX EX Exercise 1 EX EX EXERCISE 1 EX EXERCISE 1 EXERCIS	2.275 19,886 19,095 7,327 3.295 4,892 19,287 74,740 63,344 45,530 4,976 2,025 2,189 81,712 7,15 3,103 5,270 kevel	0.0 0.0 -1.0 -0.1 -0.9 -1.1 -0.6 -0.8 -1.2 -1.0 -0.2 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.3 -0.2 -0.1 -0.3 -0.4 Daily	0.0 -1.8 1.2 0.4 0.9 -0.1 0.1 -0.4 -2.2 2.0 3.6 0.8 -1.0 5.6 1.2 -2.1 -1.4	0 -1 5 1 2 5 5 5 10 0 1 6 -2 5 2 0 0	13 16 3 20 4 1 12 8 -7 4 26 52 9 17 12 26 16 8 -6 15 Year
SAP500 SAP500 SAP500 Noice SAP500 SAP	2.275 19,886 19,095 7,327 3.295 9,410 11,555 4,882 19,287 645 74,740 63,944 45,930 4,976 2,025 2,189 81,712 71,713 3,103 3,103 3,270 6,270 119,4 86,7	0.0 0.0 -1.0 -0.1 -0.9 -1.1 -0.6 -0.8 -1.2 -1.0 -0.2 -0.5 -0.5 -0.5 -0.5 -0.5 -0.3 -0.2 -0.1 -0.3 -0.4 Daily 0.0 0.0 -0.	0.0 -1.8 1.2 -0.4 -0.9 -0.1 -0.4 -2.2 -2.0 3.6 0.8 -1.0 5.6 -1.2 -2.1 -1.4 Weekly 1.1 0.6	0 -1 5 1 2 5 5 5 10 0 1 6 -2 5 2 0	13 16 20 4 12 8 -7 4 26 52 9 17 12 26 16 8 -6 15
SAP500           Dow Jones           Naket           FTSC100           FTSC100           BEX           DAX           CAC           DAX           SASE Affres           MBC           DAX           SASE Affres           MSC Latant*           BOX000           MSC DE Accord           MSC DE Accord           SampTal Corn (China)           Jabarts findersite           Jackster           Scharts           Scharts           SampTal Sector           Cli           Sac	2.275 19,886 19,095 7.327 3.295 4,882 19,287 645 74,100 46,544 65,440 45,976 2.025 2.189 81,712 715 3,103 5.270 lexel 119,4 86,7 59,6 23,0	0.0 0.0 -1.0 -0.1 -0.9 -1.1 -0.6 -0.8 -1.2 -1.0 -0.5 -0.5 -0.5 -0.5 -0.5 -0.3 0.2 -0.1 -0.3 -0.4 Daily 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	0.0 -1.8 1.2 -0.4 0.9 -0.1 -0.4 -2.2 0.3 .6 0.8 -1.0 5.6 1.2 -2.1 -1.4 Weekly 1.1 0.6 -1.0 2.0	0 -1 5 1 1 2 1 2 5 5 5 10 0 1 6 -2 5 5 2 0 0 0 Monthly 0 1 -1 -1	13 16 3 20 4 1 12 8 -7 4 26 16 16 12 26 16 16 12 26 16 16 12 26 16 16 12 20 17 26 16 10 20 10 12 20 10 12 20 10 12 20 10 12 20 10 12 20 10 12 20 10 12 20 10 12 20 10 12 20 10 12 20 10 12 20 10 10 10 10 10 10 10 10 10 1
SAP500 Dow Jones TipS 100 FIS 100 FIS 100 DAX CAC DAX CAC CAC CAC CAC CAC CAC CAC CAC CAC C	2,275 19,866 19,095 7,327 9,410 11,555 4,882 4,8976 4,584 4,587 4,584 4,587 4,587 4,587 4,587 4,587 4,587 4,587 4,587 4,587 5,270 19,4 19,4 19,4 19,4 19,4 19,4 19,4 19,4	0.0 0.0 -1.0 -0.1 -0.9 -1.1 -0.6 -0.8 -1.2 -1.0 -0.2 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.3 0.2 -0.1 -0.3 -0.2 -0.1 -0.3 -0.2 -0.1 -0.3 -0.2 -0.1 -0.4 -0.4 -0.5 -0.	0.0 -1.8 -0.4 -0.4 -0.1 -0.4 -0.1 -0.4 -2.2 2.0 -3.6 -0.8 -0.3 -0.8 -1.0 -5.6 -1.2 -2.1 -1.4 Weekly 1.1 -0.4 -1.0 -2.0 2.6 -0.6	0 -1 5 1 1 2 5 5 5 10 0 1 6 -2 5 2 0 0 1 6 -2 5 2 0 0 0 1 -1 -1 -1 -2 5 5 2 1 0 0 1 1 -2 -2 1 -2 -2 -1 -2 -2 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	13 16 3 20 4 1 12 8 -7 4 26 52 9 17 12 26 16 8 -6 15 Year 30 36 17 40 39 38
S4P500 Devy Jones Nove Nove Evensions 0 Evensions 0 BEX Evensions 0 BEX Act Athens Act Athens Act Athens Act Athens Miscel Attant" Iboceque Attant" Iboceque Attant" Iboceque Attant Miscel Attant Mis	2,275 19,886 19,005 7,327 3,37 3,37 4,10 11,555 4,555 4,555 4,555 4,555 4,555 4,555 4,555 4,555 4,555 4,555 4,555 4,555 4,555 4,555 4,555 4,5	0.0 0.0 -1.0 0.1 -1.0 0.9 -1.1 -0.6 0.0 -1.2 -0.2 0.5 -0.3 0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	0.0 -1.8 1.2 -0.4 -0.9 -0.1 -0.4 -2.2 2.0 -0.1 -0.4 -2.2 2.0 0.8 -0.8 -0.8 -0.8 -1.0 5.6 -1.2 -2.1 -1.4 Weekly 1.1 0.2 -6 -0.6 -0.6 -0.6 -0.6 -0.6	0 -1 5 5 1 1 2 5 5 5 0 0 1 1 6 2 0 0 0 1 1 -1 -1 -1	13 16 3 20 4 1 12 8 -7 4 26 52 9 17 12 26 16 8 -6 15 Vear 30 6 17 40 9 9 9 17 12 26 52 9 9 17 17 26 52 9 9 17 17 26 52 9 9 17 17 26 52 9 9 17 17 26 52 9 9 17 17 26 52 9 9 17 17 26 16 15 17 17 26 16 16 17 17 17 26 16 16 17 17 17 17 17 17 17 17 17 17
S4P500 Devidones Nobel Nobel Eversitos 0 Eversitos 0 BEX Eversitos 0 BEX BEX BEX BEX BEX BEX BEX BEX BEX BEX	2,275 19,886 19,005 7,327 7,324 19,005 1,55 1,555 1,555 1,555 1,555 1,555 1,555 1,555 1,555 1,555 1,555 1,	0.0 0.0 -1.0 0.9 -1.1 -0.6 0.8 -1.2 0.8 -1.2 0.5 -0.3 0.2 0.5 -0.3 0.2 0.5 -0.3 0.2 0.5 -0.3 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 -1.8 -1.2 -0.4 -0.9 -0.1 -0.1 -0.4 -2.2 -2.0 -0.4 -2.2 -2.1 -1.4 -2.2 -2.1 -1.4 -1.0 -2.0 -2.6 -0.6 -0.6 -0.6 -0.2 -7 -2.2 -2.8	0 -1 5 1 1 2 5 5 5 5 5 10 0 0 1 1 6 -2 2 0 0 0 1 -1 -1 2 1 -1 -1 2 1 -1 -1 -1 -2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	13 16 3 20 4 1 12 8 -7 4 26 52 9 17 12 26 16 8 -6 15 Year 30 6 17 4 9 9 17 12 26 16 12 12 12 12 12 12 12 12 12 12
SAP500 SA	2,275 10,886 19,097 7,277 7,270 7,270 7,270 7,270 7,270 11,555 4,882 4,920 4,926 2,218 2,218 4,920 4,926 2,218 2,218 3,103 3,203 5,200 119,4 8,6,6 4,926 5,926 4,926 5,926 4,926 5,926 4,926 5,926 4,926 5,9	0.0 0.0 -1.0 0.0 -1.0 0.9 -1.1 0.9 -0.9 -0.9 -0.8 -1.2 0.8 -1.2 0.5 -0.6 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	0.0 -1.8 1.2 -0.4 0.9 -0.1 -0.4 -2.2 -0.1 -0.4 -2.2 -0.3 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8 -0.8	0 -1 5 1 1 2 2 5 5 5 5 10 0 0 1 6 -2 5 5 2 0 0 0 0 1 1 -1 -1 2 1 -1 4 4	13 16 3 20 4 1 12 8 -7 4 26 52 9 9 17 12 26 16 8 -6 52 9 9 17 12 26 16 15 Year 30 36 36 37 20 16 17 12 12 12 12 12 12 12 12 12 12
SAP500 SAP50	2,275 19,886 19,095 7,2326 7,2326 7,2326 7,2326 7,4382 19,237 6,45 4,920 6,45 7,634 4,976 6,45 7,639 4,976 6,7 7,639 4,976 7,639 4,976 7,639 4,976 7,639 4,976 7,639 4,976 7,639 4,976 7,639 4,976 7,639 4,976 7,63 7,63 7,63 7,63 7,63 7,63 7,6 7,63 7,6 7,6 7,6 7,6 7,6 7,6 7,6 7,6 7,6 7,6	0.0 0.0 -1.0 0.0 -1.1 0.9 0.9 -1.1 -0.9 -0.8 -0.8 -1.2 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	0.0 -1.8 1.2 -0.4 -0.9 -0.1 -0.4 -0.4 -0.4 -0.4 -0.4 -0.4 -0.4 -0.4	0 -1 5 1 1 2 2 5 5 5 5 5 5 10 0 0 1 1 6 -2 5 2 0 0 0 1 1 -1 1 2 5 5 5 10 0 0 1 1 -2 1 2 5 5 5 5 1 1 1 2 5 5 5 5 5 5 5 5 5	13 16 3 20 4 1 12 8 4 1 12 8 7 4 26 52 9 17 12 26 16 8 4 26 17 12 26 16 8 8 4 26 17 26 8 8 8 17 26 16 15 17 26 17 17 26 16 15 17 17 26 16 15 17 17 26 16 15 17 17 17 26 16 15 17 17 17 17 17 17 17 17 17 17
SAP500 SAP50	2,275 19,886 19,095 7,3236 7,3237 7,324 7,354 19,267 6,45 7,654 4,5920 4,5920 4,5920 4,592 7,659 8,772 7,55 4,882 7,16 9,6 7,59 4,59 7,59 6,7 59,6 7,59 6,7 19,4 86,7 59,6 7,59 6,7 10,4 7,5 11,5 1 7,6 11,5 1 7,6 11,5 1 7,6 1 13,5 1 7,6 1 13,5 1 7,6 1 13,5 1 7,6 1 13,5 1 7,6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.0 0.0 1.0 0.0 0.1 0.1 0.0 0.0 0.0 0.0	0.0 -1.8 -1.2 -0.4 -0.9 -0.1 -0.4 -0.4 -0.4 -0.4 -0.4 -0.4 -0.4 -0.4	0 -1 5 5 1 1 2 2 5 5 5 5 5 5 5 5 7 0 0 0 1 1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	13 16 3 20 4 1 12 8 -7 4 26 52 9 17 12 26 52 9 17 12 26 16 8 4 52 9 17 12 26 52 9 9 17 12 26 52 9 9 17 12 26 52 9 9 17 12 26 52 9 9 17 12 26 52 9 9 17 12 26 52 9 9 17 12 26 52 9 9 17 12 26 52 9 17 12 26 17 12 26 17 12 26 17 12 26 17 12 26 17 12 26 17 12 26 17 17 12 26 15 17 17 12 26 15 17 17 12 26 15 17 17 12 26 15 15 17 17 12 17 12 17 12 17 17 12 15 15 17 17 17 12 16 15 17 17 17 17 17 17 17 17 17 17
SAP500 SAP50 SAP50 Note: F15210 Note: F15210 IEX	2,275 19,886 19,095 7,3227 3,77 3,97 3,97 4,19,27 6,45 19,267 6,45 19,267 6,45 19,267 2,110 6,171 2,715 3,101 7,72,744 6,75 5,70 7,95 7,96 2,310 2,31 10,22 17,5 1,75 1,75 1,75 1,75 1,75 1,75 1,75	0.0 0.0 1.0 0.0 0.1 0.1 0.0 0.0 0.0 0.0	0.0 1.2 1.2 0.4 0.9 0.1 0.4 0.9 0.1 0.4 0.2 2.0 0.3 0.8 1.0 0.3 0.8 1.0 0.5 6 1.2 2.1 1.4 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0 0 1 1 1 2 5 5 5 5 10 0 0 10 0 1 1 2 2 0 0 0 1 1 2 5 5 5 0 0 0 1 1 1 2 5 5 5 0 0 0 0 1 1 1 2 5 5 5 5 1 0 0 0 0 0 0 0 0 0 0 0 0 0	13 16 3 20 4 1 12 8 7 4 12 26 52 9 17 12 26 52 9 17 12 26 16 8 6 15 17 12 26 30 30 30 17 18 19 12 26 10 12 26 26 26 29 10 12 26 26 26 26 26 29 17 12 26 26 26 26 26 29 17 26 26 26 26 29 17 26 26 26 26 26 26 29 17 26 26 26 26 26 26 29 17 26 26 26 26 26 26 29 17 26 26 26 26 29 17 26 26 26 26 26 26 29 17 26 26 26 26 26 26 26 26 26 26
S4P500 Cow Jones Nove Nove Cow Jones Elections 0 Los A Call Sections March 2 March 2 M	2,275 10,886 15,097 3,275 3,275 3,275 3,275 3,275 3,275 3,275 3,275 3,275 3,275 3,275 3,275 3,103 3,276 3,314 4,376 3,314 4,376 3,314 4,376 3,31 4,376 4,37 4,37 4,37 4,37 4,37 4,37 4,37 4,37	0.0 0.0 1.0 0.0 1.0 0.0 1.0 0.0 1.0 0.0 0	0.0 1.2 1.2 0.4 0.9 0.1 0.4 0.9 0.1 0.4 0.2 2.0 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0	0 0 1 5 1 1 2 1 1 2 5 5 5 1 0 0 1 1 6 2 2 0 0 0 1 1 6 2 2 0 0 0 1 1 1 2 5 5 5 5 1 0 0 0 1 1 1 2 5 5 5 5 1 0 0 0 0 0 1 1 1 2 5 5 5 5 5 1 0 0 0 0 0 0 1 1 1 1 2 5 5 5 5 2 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1	13 16 3 20 4 1 12 8 -7 4 4 26 52 9 9 17 26 52 9 9 17 26 16 8 6 15 17 12 26 16 8 6 17 12 26 10 12 26 12 12 26 12 12 26 12 12 26 12 12 26 12 12 12 12 12 12 12 12 12 12
S4P500 Cow Jones Noke Noke Eversions 0 BEX Eversions 0 BEX March 1 BEX March 1	2,275 10,886 16,007 2,275 2,275 2,207 2,275 2,207 2,207 2,207 2,207 2,207 2,207 2,207 2,207 2,207 2,207 2,207 2,207 2,207 2,207 2,20 2,20	0.0 0.0 1.0 0.0 1.0 0.0 1.0 0.0 1.0 0.0 0	0.0 1.2 1.2 0.4 0.9 0.1 0.1 0.1 0.4 0.1 0.1 0.4 0.4 0.2 2.0 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0	0 0 1 5 1 1 2 5 5 5 1 1 2 5 5 1 1 0 0 1 1 6 7 2 0 0 0 1 1 - 2 5 5 0 0 0 0 1 1 - 2 5 5 5 0 0 0 0 1 1 1 2 5 5 5 5 0 1 0 1 1 2 5 5 5 5 5 0 1 1 1 2 5 5 5 5 5 0 0 0 0 1 1 1 2 5 5 5 5 5 5 0 0 0 0 0 0 1 1 1 2 5 5 5 5 5 0 0 0 0 0 0 1 1 0 0 0 0 1 1 0 0 0 0	13 16 3 20 4 1 12 8 -7 4 26 52 9 9 17 12 26 16 8 -7 4 26 15 Year 30 0 17 12 26 16 18 -7 4 26 10 20 4 1 12 8 -7 4 26 10 20 12 20 12 20 12 20 12 20 12 20 12 20 12 20 12 20 12 20 12 20 12 20 12 20 12 20 17 12 20 17 12 20 17 12 20 17 12 20 17 12 20 17 12 20 16 15 15 15 15 15 15 15 15 15 15
SAP500 SA	2,275 10,886 19,097 17,277 17,279 19,097 19,097 19,075 19,027 19,07 11,555 14,882 19,027 19,07 2,070 2,075 2,070 2,075 2,070 2,075 2,070 119,4 45,07 119,4 46,0 2,06 2,06 2,06 2,06 2,06 2,06 2,06 2	0.0 0.0 1.0 0.0 1.0 0.0 1.1 0.0 1.1 0.0 0.0	0.0 1.8 1.2 0.4 0.9 0.1 0.1 0.1 0.1 0.1 0.1 0.4 2.2 0.6 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	0 0 -1 5 1 1 2 2 5 5 5 5 5 5 5 5 5 5 7 0 0 1 1 -2 2 2 0 0 0 1 1 -2 2 2 0 0 0 1 1 -2 2 2 0 0 0 1 1 -2 1 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	13 16 3 20 4 1 12 8 -7 4 26 52 9 17 12 26 16 8 -6 15 Year 30 0 17 12 26 16 8 -7 4 26 17 12 26 17 12 26 17 12 26 17 12 26 17 12 26 17 12 26 17 12 26 17 12 26 17 12 26 15 15 15 15 15 15 15 15 15 15
SAP500 SA	2,275 10,886 19,095 7,2326 7,2326 7,2326 7,2326 7,2326 11,555 4,882 4,926 4,926 2,2189 4,926 2,2189 119,4 4,926 7,23 10 119,4 86,7 7,53 4,02 119,4 86,7 119,4 86,7 12,25 2,189 119,4 86,7 12,25 2,18 110,4 12,25 14,25 1	0.0 0.0 1.0 0.0 1.0 0.0 1.1 0.0 1.1 0.0 0.0	0.0 0.0 1.8 1.2 0.4 0.9 0.1 0.1 0.1 0.1 0.1 0.4 0.2 0.3 0.8 0.3 0.8 0.3 0.8 0.3 0.8 0.3 0.8 0.3 0.8 0.3 0.8 0.3 0.8 0.3 0.8 0.3 0.8 0.3 0.8 0.3 0.8 0.3 0.8 0.3 0.8 0.3 0.8 0.3 0.8 0.3 0.8 0.3 0.8 0.3 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	0 -1 5 1 1 2 2 5 5 5 5 5 5 5 5 5 5 5 7 0 0 1 1 2 2 0 0 0 1 1 -2 2 2 0 0 0 1 1 -2 2 2 0 0 0 0 1 1 -2 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	13 16 3 20 4 1 12 8 -7 4 4 26 52 9 17 12 26 52 9 17 12 26 16 16 8 8 -7 4 26 20 10 12 12 8 -7 4 26 20 10 12 28 -7 4 26 20 20 20 20 20 20 20 20 20 20
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SAP500 SA	2,275 19,886 19,095 7,323 7,324 7,324 19,095 7,325 4,882 49,26 49,26 49,26 2,189 81,712 7,35 44,976 2,075 94,6 7 59,6 2,313 3 1024 86,7 59,6 2,313 1024 86,7 59,6 2,313 2,12 3,3 61,2 1,25 1,7,6 1,35 1,2 1,25 1,7,6 1,35 1,2 1,25 1,7,6 1,35 1,2 1,2 1,3 1,3 1,2 1,3 1,3 1,2 1,3 1,3 1,3 1,3 1,3 1,3 1,3 1,3 1,3 1,3	0.0 0.0 1.0 1.0 0.0 1.0 0.0 1.0 0.0 0	0.0 0.0 1.8 1.2 0.4 0.5 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0 0 1 5 1 1 2 5 5 5 5 1 0 0 1 1 6 6 -2 2 0 0 0 1 1 -1 -2 2 0 0 0 1 -1 -1 -2 2 0 0 0 1 -2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 7 0 0 0 0	13 16 3 20 4 1 12 8 8 -7 4 26 52 9 17 12 6 52 9 17 12 6 52 9 17 12 6 52 9 17 12 6 52 9 17 12 6 8 -7 4 4 26 52 9 9 17 12 26 52 9 9 17 12 26 17 12 26 17 12 26 17 12 26 17 12 26 17 12 26 17 12 26 17 12 26 17 12 26 17 12 26 17 12 26 17 17 12 26 17 17 12 26 17 17 12 26 17 17 12 26 17 17 12 26 17 17 12 26 17 17 12 26 17 17 12 26 17 17 17 26 17 17 17 17 26 17 17 17 17 26 17 17 17 17 26 17 17 17 17 17 17 17 17 17 17
SAP500 SA	2,275 10,886 15,097 3,2275 3,2275 3,247 3,2275 3,247 3,227 11,55 4,882 4,3930 4,3976 2,2189 6,74,740 4,3930 4,3976 2,2189 6,77 5,3103 5,270 11,5 4,3103 5,270 11,5 4,3103 5,270 11,5 4,310 4,31 4,31 4,31 4,31 4,31 4,31 4,31 4,31	0.0 0.0 1.0 1.0 0.0 1.0 0.0 1.0 0.0 0	0.0 0.0 1.8 1.2 0.4 0.9 0.1 0.1 0.1 0.4 0.2 0.3 0.8 0.3 0.8 0.3 0.8 0.3 0.8 0.3 0.8 0.3 0.8 0.3 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	0 -1 -1 5 -1 1 2 -1 2 5 5 -1 0 0 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	13 16 3 20 4 1 12 20 4 1 12 20 4 1 12 20 20 4 20 20 20 20 20 20 20 20 20 20
SAP500 SA	2,275 19,886 19,095 7,323 7,324 7,324 19,095 7,325 4,882 49,26 49,26 49,26 2,189 81,712 7,35 44,976 2,075 94,6 7 59,6 2,313 3 1024 86,7 59,6 2,313 1024 86,7 59,6 2,313 2,12 3,3 61,2 1,25 1,7,6 1,35 1,2 1,25 1,7,6 1,35 1,2 1,25 1,7,6 1,35 1,2 1,2 1,3 1,3 1,2 1,3 1,3 1,2 1,3 1,3 1,3 1,3 1,3 1,3 1,3 1,3 1,3 1,3	0.0 0.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 1.8 1.2 0.4 0.9 0.1 0.1 0.1 0.1 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	0 -1 -1 5 -1 1 2 -1 2 5 5 -5 -5 -5 -5 -0 0 0 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	13 16 3 20 4 1 12 20 4 1 12 20 4 1 12 20 4 7 4 20 5 20 4 1 1 20 4 4 7 4 26 52 9 9 17 26 52 9 9 17 26 52 9 9 17 26 52 9 9 17 26 52 9 9 17 26 52 9 9 17 26 52 9 9 17 26 56 59 9 17 26 56 57 9 9 17 26 56 57 9 9 17 26 56 57 9 9 17 26 56 56 57 9 9 17 26 56 56 57 9 9 9 17 26 56 56 57 9 9 9 17 26 56 56 57 9 9 9 17 26 56 56 57 17 17 26 56 56 57 17 17 26 56 57 17 17 17 26 57 17 17 17 26 57 17 17 17 17 17 17 17 27 6 57 17 17 17 17 17 17 17 17 17 1
SAP500 SA	2,275 10,886 19,087 7,2326 7,2326 7,2326 7,2326 7,234 11,555 4,882 4,920 7,63,44 4,92 7,63,44 4,930 4,976 2,2189 7,19 3,103 3,102 3,10 4,976 4,97 4,97 4,97 4,97 4,97 4,97 4,97 4,97	0.0 0.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 1.8 1.2 0.4 0.9 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	0 -1 -1 5 1 1 2 2 5 5 10 0 1 2 5 2 0 0 1 -2 5 2 0 0 1 -1 -1 -2 2 2 0 0 0 1 -1 -1 -2 2 5 5 10 0 1 -2 -2 5 5 2 0 0 0 1 -2 -2 2 5 5 5 10 1 -2 2 2 0 0 0 0 1 -2 2 5 5 5 -2 2 0 0 0 0 1 -1 -2 2 5 5 5 -2 2 0 0 0 0 1 -1 -2 2 5 5 5 -2 2 0 0 0 0 1 -1 -2 -2 2 5 5 5 -2 2 0 0 0 0 1 -1 -1 -2 -2 -2 -2 0 0 0 0 0 1 -1 -1 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	13 16 3 20 4 4 12 20 4 4 7 4 20 4 7 20 4 7 20 4 7 20 4 20 20 20 20 20 20 20 20 20 20
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S4P500 S4P500 Nove Jones Call Nove Jones Call Nove Jones Call EX Exotoos 05 Exotoos 05 Exotoos 05 MSC 105 MSC	2,275 10,886 15,087 10,886 15,087 10,887 10,987 10,987 10,987 10,997 10,997 10,997 10,997 10,996 10,712 10,99 10,712 10,996 10,712 10,996 10,712 10,996 10,712 10,996 10,712 10,996 10,712 10,996 10,712 10,996 10,712 10,996 10,712 10,996 10,712 10,996 10,71 10,996 10,71 10,996 10,71 10,99 10,71 10,99 10,71 10,99 10,71 10,99 10,71 10,99 10,71 10,99 10,71 10,99 10,71 10,99 10,71 10,99 10,71 10,99 10,71 10,99 10,71 10,99 10,71 10,99 10,71 10,99 10,71 10,99 10,99 10,71 10,99	0.0 0.0 1.0 0.0 1.0 0.0 1.0 0.0 0	0.0 0.0 1.8 1.2 0.4 0.9 0.4 0.9 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	13 16 16 20 16 20 16 17 12 12 12 12 12 12 12 12 12 12
S4P500 S4P500 Pow Jones Dow Jones Dow Jones Dew Jones De	2,275 10,886 15,097 2,275 2,275 2,275 2,275 2,275 2,275 2,275 2,275 2,275 2,275 2,275 2,275 2,275 2,275 2,275 2,275 2,275 2,275 2,27 2,715 3,103 2,270 2,275 2,42 3,277 5,51 3,24 2,44 3,2	0.0 0.0 1.0 0.0 1.0 0.0 0.0 0.0	0.0 0.0 1.8 1.2 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	0 -1 -5 -1 1 2 1 2 -2 -5 -5 -5 -0 0 0 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	13 13 16 16 17 16 16 17 12 18 7 4 1 12 12 12 12 12 12 12 12 12
S4P500 S4P500 Nove Jones S40 Nove Jones S40 Nove Jones S40 Nove Jones S40 Hores S40 Ho	2,275 10,886 16,007 10,885 16,007 11,555 16,882 16,77 16,70 11,555 16,882 16,77 15,3103 16,77 16,77 16,77 16,77 16,77 16,77 16,77 16,77 16,77 16,77 16,77 16,77 16,77 16,77 16,77 17,55 17,56 16,77 16,77 17,55 17,56 16,77 16,77 17,55 17,56 16,77 16,77 17,55 17,56 16,77 16,77 17,55 17,56 16,77 16,77 17,55 17,56 10,77 16,77 17,55 17,56 10,77 16,77 17,55 10,77 10	0.0 0.0 1.0 0.0 1.0 0.0 1.0 0.0 0	0.0 0.0 1.8 1.2 0.4 0.1 0.4 0.4 0.4 0.4 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0 -1 -5 -1 1 2 1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -	13 16 16 17 16 16 16 16 17 12 12 12 12 12 12 12 12 12 12
SAP500 SAP500 Nove Jones Coll Col Col Col Col Col Col Col Col Co	2,275 10,886 19,097 12,275 10,886 19,097 12,275 2,275 2,26 2,26	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 1.8 1.2 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	0 -1 -5 -1 -1 -1 -1 -1 -2 -2 -5 -5 -5 -5 -5 -5 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7	13 13 16 16 20 4 1 12 20 4 12 20 4 12 20 20 20 20 20 20 20 20 20 2
SAP500 SAP500 SAP500 Noice Down Jones Cont Noice Cont Down Jones Cont Down Jon	2,275 10,886 19,097 2,20 2,20	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 1.8 1.2 0.1 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	0 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	13 16 16 16 17 16 16 16 17 12 12 12 12 12 12 12 12 12 12
S4P500 S4P500 Pow Jones Control of Control o	2,275 19,886 19,097 19,886 19,097 19,275 19,275 19,275 19,275 19,275 19,275 19,275 19,275 19,27 19,27 19,27 19,27 19,27 19,27 19,27 19,27 19,27 19,27 10,37 10,37	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 1.8 1.2 0.4 0.1 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	0 -1 -1 5 -1 1 2 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	13 16 16 17 16 16 17 12 12 12 12 12 12 12 12 12 12
S4P500 S4P500 Pow Jones Control of Control o	2,275 10,886 15,087 3,2275 3,2275 3,247 3,2275 3,247 3,2275 3,247 3,227 11,155 4,882 4,374 4,393 4,376 4,370 4,374 4,37 4,370 4,37 4,37 4,37 4,37 4,37 4,37 4,37 4,37	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 1.8 1.2 1.8 1.2 1.4 1.4 1.4 1.4 1.4 0.4 0.4 1.2 2.2 0.0 0.8 0.3 1.0 0.8 0.3 0.8 0.3 0.8 0.3 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	0 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	13 16 16 17 16 16 17 12 17 12 12 12 12 12 12 12 12 12 12
S4P500 S4P500 Pow Jones S40 Nove Jones S40 Nove Jones S40 Nove Jones S40 Nove Jones S40 Harrow S40	2,275 19,886 19,097 19,886 19,097 19,275 19,275 19,275 19,275 19,275 19,275 19,275 19,275 19,275 19,27 19,27 19,27 19,27 19,27 19,27 19,27 19,27 19,27 10,37 10,37	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 1.8 1.8 1.8 1.2 0.1 1.2 0.9 0.1 1.2 0.9 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0 0 1 5 1 1 2 2 5 5 5 5 5 5 5 5 5 5 5 5 5	13 16 16 17 16 16 17 16 17 12 12 12 12 12 12 12 12 12 12
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SAP500 SAP500 SAP500 SAP500 Exercise of Content of	2,275 10,886 15,087 10,886 15,087 10,857 10,857 10,857 10,857 10,857 10,857 10,857 10,95 10,712 11,95 10,97 10,95 10,712 11,95 10,9 10,712 11,9 10,1 10,1 10,1 10,1 10,1 10,1 10,1	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 1.8 1.2 1.8 1.4 1.4 1.4 1.4 1.4 0.5 1.2 2.0 0.4 1.2 2.0 0.4 1.2 2.2 0.5 1.2 2.2 0.5 1.2 2.2 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	0 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	13 16 17 16 16 17 16 17 12 12 12 12 12 12 12 12 12 12
S4P500 S4P500 S4P500 Note Note Note S4P500 S	2,275 10,886 19,007 10,885 19,007 2,275 2,275 2,275 2,275 2,275 2,275 2,275 2,27 2,775 3,103 5,270 10,4 2,97 2,205 2,30 2,30 2,30 2,30 2,30 2,30 2,30 2,30	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.1.8 0.1.8 1.2 1.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0	0 0 1 5 1 1 2 5 5 5 5 5 5 5 5 5 5 5 5 5	13 16 16 17 16 16 16 16 17 12 12 12 12 12 12 12 12 12 12



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