

Market Comment | Positive start to the week, led by peripheral bonds

Global Financial Markets Unit 04 Jun 2018

- The week started with a positive mood in financial markets, just as last week had ended, favoured by the receding political tensions in Italy and the release of job growth data. In this context the UST 10Y yield rose to hover around the 3% threshold, while the yield of the German Bund surpassed 0.40% after falling below 0.20% during last week. The threat of a trade war after the re-imposition of tariffs on US imports from its main partners has had a mild effect on financial markets so far as they wait for a potential response from the main economic blocs (see) or the advance of negotiations to avoid it, such as with China (see).
- Equity indices also benefited from the positive mood in markets. The main equity indices recovered some of the ground lost during last week, particularly those sectors and regions that had suffered the main reversals (the main exception was Italy, that inched down today). In this context equity volatility remained subdued (below 14%)
- In this positive context peripheral risk premia narrowed due to a combination of increasing yields in Germany (as safe-haven flows seems to diminish) and increasing demand for peripheral bonds.
 Nonetheless, once the M5S-Lega government is confirmed, several uncertainties will remain, especially if eurosceptic pressures rapidly resurface.
- The euro returned to levels close to 1.17 against the USD, recovering from last week's depreciation. Meanwhile EM currencies are registering a mixed performance, but with positive bias as the USD showed a slight depreciation against its main peers (DXY). The BRL appreciated after the end of the truckers' strike, as did the Turkish lira, recovering some ground after Friday's drop. The other side of the coin is the MXN, which depreciated, suffering due to uncertainty on trade with the US after the new tariffs were imposed. Crude oil prices remained below \$76 per barrel as US oil production increased (see).

Table1
Update 18:00 CET 04 June



Debt markets	10Y. ≤ 4	anges in t	(0)		
US (2-yr)	2.50	2.8		Month 2	YYD 58
US	2.92 -0.62	1.5	2.4 -1.5 5.0	-3 -4	45 -1
GER (2-yr) Germany France	0.42	3.3	7.5 2.8	-11 -3	-5 -10
Spain	1.33	-11.5 -15.7	-19.9 -15.2	7	-29 44
Italy Portugal Greece	1.76 4.46	-12.0 -4.4	-31.1 -2.3 0.6	11 46	-25 36
Japan (2-yr) Japan	-0.13 0.05	0.1	0.6	0	0
Emerging Markets Brazil	11.50	Daily 8.0	Weekly 32.9	Monthly 166	124
Chile Colombia	4.57	-1.8 0.0	-0.8 -0.4	10	5
Mexico Peru	7.85 5.38	2.1	20.5	32 41	27 51
Poland Russia	3.21 7.46	-2.1 0.0	-1.4 4.4	3	-10 -17
Turkey India	14.34 7.88	4.0	67.0 13.7	131	298
Indonesia	7.02	2.3	13.7	14 -1	49 72
Country ris Developed Markets	k (bp, chang level	es in bp) Daily	Weekly	Monthly	YTD
10-yr sovereign spread vs Germany France	31	4.5	-4.7	8	2
Italy Portugal	211 134	-19.0 -15.3	-22.7 -38.6	91 23	49 -20
Spain 2-yr so vereign spread vs Germany	91	-14.8	27.4	19	-24
France	12	-1.9	1.0	3	-4
Italy Portugal	139 58	-31.1 -4.6	-18.5 -20.7	113	102 -10
Spain Emerging Markets	42 level	-14.4 Daily	-13.5 Weekly	17 Monthly	15 YTD
Emerging Markets S-yr sovereign CDS * Brazil	237	6.6	45	55	76
Chile	57 123	-1.2 -4.2	4 9	3	8
Colombia Argentina	384	-11.2	36	14 71	18 145
Mesico Peru	137 93	-3.1 -1.9	17	19 13	30 21
Venezuela Poland	16,599 66	0.0	0 7	0	0
Russia	134	-1.2	6	-2	16
Turkey China	279 56	10.0 -0.1	0	69 -2	115
India Indonesia	91 122	-0.6 1.2	5	16 14	22 37
Risk	k indicators level	Daily	Weelfu	Monthly	YTD
Volatilty indicators (change in pp) VIX	13	-0.2	0	-3	3
VSTOXX EM EFT volatility Index Dollar/euro volatility	14 17	-1.3 -0.4	-3 -1	0 -2	1
Dollar/euro volatility EM FX volatility index	7 9	-0.1 0.1	-1 0	0	1
EM FX volatility index Credit spread (BAA) (change in bps) US bonds volatility index	187 57	-1.5 -3.6	2	2	10
Inflation expectations (%) US Inflation expectations (5Y5Y)	level 2.39	Daily	Weekly 0	Monthly -6	YTD 7
EZ Inflation expectations (5Y5Y)	1.74	- 1	5	-6 4	0
Banking Sy CDS (bps) * US	level 59	Daily -2.1	Weekly 4	Monthly 3	YTD 17
EZ UK	89 48	-15.4 -3.6	- 11	34	49 7
Large Spanish Medium Spanish	87 96	-12.7 -4.1	1 7	39 27	51 21
Corporate 5y CDS (hps) *	level	Daily	Weekly	Monthly	YTD
US Non-financial EZ Non-financial	155 78	-2.1 -15.4	4 11	34	17 49
UK Non-financial Interbank man	106 kets (%, cho	-1.2 maes in be	-1	3	14
	level	Daily	Weekly	Monthly	YTD
EONIA Index Euribor 3m Euribor 12m	-0.36 -0.32	0	0	0	- 1
	-0.18	0	0		0
Ubor 3m	2.32	0	0	-5	62
Libor 3m Libor 12m	2.32 2.72	0 1	0 -1	-5 -5	62 62
Ubor 3m Ubor 12m Stock	2.32 2.72	0 1 ទ	4	-5	62
Ubor 3 m Ubor 12 m Stock Main Indices S&P\$00	2.32 2.72 markets (level 2.743	0 1 S Daily 0.3	-1 Weekly 0.8	-5 Monthly 4.3	62 YTD
Ubor 3m Lbor 12m Stock Main indices S&P50 Dow Jones Milkei	2.32 2.72 c markets (: level 2.743 24,825 22,476	0 1 0 0 0.3 0.8 1.4	-1 Weekly 0.8 0.3	-5 Monthly 4.3 3.7 0.0	62 YTD 2 0
Ubor 3 m Ubor 12 m Stock Main indices S&P500 Dow Jones Niked FTSE T00 EuroStoox 50	2.32 2.72 c markets (c level 2.743 24,825 22,476 7,741 3,470	0 1 0 0 0.3 0.8 1.4 0.5 0.5	-1 Weekly 0.8 0.3 0.0 0.1 -0.4	-5 Monthly 4.3 3.7 0.0 3.2	62 YTD 2 0 -1 1
Ubor 3 m	2.32 2.72 c markets (c 2.743 24,825 22,476 7,741 3,470 9,750	0 1 0 0 0.3 0.8 1.4 0.5 0.5 1.2	-1 Weekly 0.8 0.3 0.0 0.1 -0.4 -0.1	-5 Monthly 4.3 3.7 0.0 3.2 -1.7 -2.9 0.6	9TD 2 0 -1 1 -1 -3 -1
Liber 3 m Liber 3 m Liber 12 m Steel	2.32 2.72 markets (5 level 2.743 24,825 22,476 7,741 3,470 9,750 12,771 5,473 22,010	0 1 0 0.3 0.8 1.4 0.5 0.5 1.2 0.4 0.1	-1 Weekly 0.8 0.3 0.0 0.1 -0.4 -0.1 -0.7 -0.7	-5 Monthly 4.3 3.7 0.0 3.2 -1.7 -2.9 0.6 0.5	YTD 2 0 -1 1 -1 -3 -1 3
Libor 3m Libor 12m Stock Main Indices Safety	2.32 2.72 markets (increase) 2.743 24,825 22,476 7,741 3,470 9,750 12,771 5,473 22,010	0 1 0 0 0.3 0.8 1.4 0.5 0.5 1.2 0.4 0.1 -0.5 0.2	-1 0.8 0.3 0.0 0.1 -0.4 -0.1 -0.7 -0.7 0.4 3.0	-5 Monthly 4.3 3.7 0.0 3.2 -1.7 -2.9 0.6 -0.5 -8.5 -7.2	YTD 2 0 -1 1 1 -3 -1 3 1 -5
Ubor 2m	2.32 2.72 c markets (3 1cvcl 2.743 24,825 22,476 7.741 3,470 9,750 12,771 5,473 22,010 779 84,166 78,224	0 1 0 0 0.3 0.8 1.4 0.5 0.5 1.2 0.4 0.1 0.5 0.5 1.2 0.4 0.1 0.5 0.5	-1 Weeldy 0.8 0.3 0.0 0.1 -0.4 -0.1 -0.7 -0.7 0.7 0.4 3.0 -1.5 3.8	-5 Montily 4.3 3.7 0.0 3.2 -1.7 -2.9 0.6 0.5 -7.2 -7.3 -6.1	97TD 2 0 -1 1 -1 -3 -1 3 1 1 -5 -2 0 0
Libox 2m	2.32 2.72 c markets (c 12.743 24.825 22.476 7.741 3.470 9.750 12.771 5.473 22.010 779 84,166 78,224 45,267 29,029	0 1 0 0.3 0.8 1.4 0.5 0.5 1.2 0.4 0.1 -0.5 0.2 0.6 1.3 0.6 2.1	-1 Weekly 0.8 0.3 0.0 0.1 -0.4 -0.1 -0.7 -0.4 3.0 -1.5 3.8 0.9 1.3	-5 Monthly 4.3 3.7 0.0 3.2 1.7 -2.9 0.6 0.5 -8.5 -7.2 -7.3 6.1 3.9 4.6	9710 2 0 -1 1 1 -1 -3 3 1 1 -5 -2 0 -40 -7
Libox 2m	2.32 2.72 6 markets (6 16vel 2.743 24.825 22,476 7.741 3.470 9,750 12,771 5.473 22,010 779 84,166 78,224 45,267 29,029 5,330 2,210	0 1 0 0.3 0.8 1.4 0.5 0.5 1.2 0.4 0.1 -0.5 0.2 0.6 1.3 0.6 2.1 0.1	-1 Weekly 0.8 0.3 0.0 0.1 -0.4 -0.7 -0.7 -0.4 3.0 -1.5 3.8 0.9 1.3 -0.9 -0.4	-5 Monthly 4.3 3.7 0.0 3.2 1.7 2.9 0.6 0.5 8.5 7.2 1.3 6.1 3.9 4.6 2.8 3.6	97TD 2 0 -1 1 -1 -3 -1 3 1 -5 -2 0 -10
Liber 2m Seed	2.32 2.72 2.743 24.825 22.4743 24.825 22.476 3.470 9.750 779 84.166 78.224 45.267 29.029 5.330 2.210 4.479 99.250	0 1 0 0.3 0.8 1.4 0.5 0.5 1.2 0.4 0.1 0.5 0.6 1.3 0.6 1.3 0.6 1.3 0.6 1.3	-1 Weekly 0.8 0.3 0.0 0.1 -0.4 -0.7 -0.7 0.4 3.0 -1.5 3.8 0.9 -0.4 -0.3 -0.9 -0.4 -0.3 -0.9 -0.4 -0.3 -0.9 -0.4 -0.3 -0.9 -0.4 -0.8 -0.8 -0.8	-5 Monthly 4.3 3.7 0.0 3.2 1.7 2.9 0.6 0.5 8.5 7.2 7.3 6.1 3.9 1.6 2.8 3.6 0.4 3.6	9 YTD 2 0 -1 1 -1 -3 -1 -5 -2 0 -10 -7 -1
Ubor 2m	2.32 2.72 2.743 24,825 22,4743 3.470 9,750 12,771 5,473 22,010 779 84,166 78,224 45,267 29,029 5,330 2,210 4,479 99,250 93,30	0 1 0 0.3 0.8 1.4 0.5 0.5 1.2 0.4 0.1 -0.5 0.2 0.4 0.1 0.1 0.5 0.2 0.2 0.6 1.3 0.6 2.1 0.9	-1 Weekly 0.8 0.3 0.0 0.1 -0.4 -0.1 -0.7 0.4 3.0 0.9 1.3 8 0.9 1.3 -0.9 -0.4 -0.3 -6.8 -0.4 -0.4	-5 Monthly 4.3 3.7 0.0 3.2 1.7 -2.9 0.6 0.5 8.5 -7.2 -7.3 -6.1 3.9 1.6 -2.8 3.6 0.4 3.6	7TD 2 0 1 1 1 1 3 1 5 2 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Ubor 2m	2.32 2.72 (markets) 2.743 24,825 22,476 7.741 3,470 9,750 12,771 5,473 22,010 779 84,166 78,224 45,267 29,029 5,330 4,479 99,250 3,091 6,015	0 1 0 0 0.8 1.4 0.5 1.2 0.4 0.1 0.5 0.2 0.6 1.3 0.6 2.1 0.1 0.9 0.4 0.1 0.6 0.5	-1 Weekly 0.8 0.3 0.0 0.1 -0.4 -0.7 -0.7 -0.7 -0.4 3.0 -1.5 3.8 0.9 1.3 -0.9 -0.4 -0.3 -0.9 -0.4 -0.1 -0.4 -0.1 -0.4 -0.1 -0.4 -0.5 -0.4 -0.5 -0.4 -0.5 -0	-5 Monthly 4.3 3.7 0.0 3.2 -1.7 -2.9 0.6 -0.5 -8.5 -7.2 -7.3 -6.1 -3.9 -1.6 -2.8 -3.6 -0.4 -3.6 0.0 -0.3 0.0	9 16 1 8 5
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Ubor Jm	2.32 2.72 c markets (2.743 24,825 22,476 7.741 3.470 9.750 12,773 22,010 779 84,166 779 84,166 729,029 5.330 2.210 4.479 99,250 930 3.091 6.015 142.6 108.6 67.1	0 1 1 3 3 3 3 3 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5	1 Wealty 0.8 0.3 0.3 0.0 0.1 0.1 0.7 0.4 0.1 0.7 0.4 0.1 1.5 3.8 0.9 0.3 0.9 0.4 0.3 6.8 0.9 0.4 1.4 0.7 0.7 0.4 1.4 1.4 1.7 1.8 0.9 0.4 1.1 1.9 1.8 0.9 0.4 1.1 1.9 1.8 0.9 0.4 1.1 1.9 1.8 0.7 0.8 0.4 1.1 1.9 1.8 0.7 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	-5 Monthly 4.3 3.7 0.0 3.2 1.7 2.9 0.6 8.5 8.7 2.7 3.6 6.1 6.1 6.3 6.0 0.3 0.0 0.3 0.0 0.1 1.3 1.2	62 YTD 2 0 -1 1 1 3 1 3 1 5 2 0 4 10 7 -1 4 10 8 5 YTD 4 1 1 10
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Libor Jm Libor 12m Seed Main Indiana SAPP00 Down Jones FTSL 100 Exercision 50 IBEX DOWN Jones HEX	2.32 (nearlets) (nearl	0 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1 Weatly 10.8 0.8 0.3 0.0 0.0 0.1 0.1 0.4 0.1 1.5 0.8 0.9 1.3 0.9 1.3 0.9 0.4 0.3 0.9 1.3 0.9 0.4 0.3 0.5 0.9 0.4 0.3 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	-5 Monthly 1 4.3 3.7 2.9 0.0 0.5 7.2 9.6 6.5 7.2 3.6 6.1 3.9 6.1 3.9 6.1 3.9 6.1 3.9 6.1 3.9 6.1 3.9 6.1 6.0 6.0 6.0 6.0 6.0 6.0 6.0	62 YTO 2 0 1 1 1 3 1 5 2 0 40 10 7 4 10 9 16 1 8 5 YTO 4 1 1 10 10 11 8 13 13 40 16 6 12 7 3
Libor Jm Libor 12m Seed Marinistrates SAPP00 Down Jones Hilbert 100 Emritting 100 EMR J 100 EMR	2.32 (2.743 (2.745 (2.7	0 1 1 0.4 y 0.3 y 0.4 y 0.5 y	-1 Westley	-5 Monthly 1 4.3 3.7 2.9 3.2 4.7 2.9 6.1 6.6 6.5 7.2 7.3 6.1 1.6 6.3 6.6 7.3 6.1 1.6 6.7 1.7 1.7 1.3 1.2 1.4 1.5 1.5 1.5 1.4 1.4 1.4 1.4	62 V170 2 0 -1 1 -1 -3 -1 -1 -5 -2 0 -0 -10 -7 -1 -10 -1 -10 -2 -1 -10 -14 -13 -13 -40 -14 -13 -13 -40 -14 -15 -5 -7 -3 -4 -1 -10 -14 -15 -6 -6 -12 -7 -3 -4 -1 -1 -10 -1 -1 -10 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1
Libor Jm Libor 12m Seed Management Seed Manage	2.32 (2.74) (markets of level 2.72) (markets of level 2.74) (markets of level	0 1 1	-1 Westly 0.8 0.3 0.0 0.1 0.1 0.1 0.1 0.1 0.1 0.1 1.5 0.7 0.4 0.3 0.9 0.4 0.3 1.3 0.9 0.4 0.3 1.3 0.9 0.4 0.3 1.3 0.9 0.4 0.3 1.5 0.4 0.5 0.4 0.7 0.7 0.4 0.3 0.6 0.4 0.7 0.7 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	-5 Monthly 4.3 3.7 4.3 3.7 2.9 0.5 0.5 0.5 0.5 0.7 2.9 0.6 0.5 0.7 2.9 0.6 0.7 1.3 0.0 0.1 1.3 1.2 0.6 0.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1	710 2 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Libor Jm Libor 12m Seed SAPP00 SAPP00 SAPP00 Libors FTSS 100 Exercision 50 Libox Libors 12m Libox Libo	2.32 (2.72 (0 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	-1 Westly 0.8 0.3 0.0 0.1 0.4 0.4 0.7 0.7 0.4 0.5 0.9 0.9 0.4 0.5 0.9 0.4 0.3 0.9 0.4 0.3 0.9 0.4 0.3 0.9 0.4 0.3 0.9 0.4 0.3 0.9 0.4 0.3 0.9 0.4 0.3 0.9 0.4 0.3 0.9 0.4 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	-5 Monthly 43 3.7 0.0 43.3 2.2 9.0.6 0.5 -6.1 3.9 1.6 1.6 3.6 0.7 2.2 9.0 0.6 0.5 -6.1 1.6 0.7 7.2 1.6 1.6 0.7 1.6 1.6 1.6 1.6 1.7 1.6 1.6 1.7 1.6 1.6 1.7 1.6 1.6 1.7 1.6 1.7 1.6 1.7 1.6 1.6 1.7 1.6 1.7 1.6 1.7 1.6 1.7 1.6 1.7 1.6 1.7 1.6 1.7 1.6 1.7 1.6 1.7 1.6 1.7 1.6 1.7 1.6 1.7 1.6 1.7 1.6 1.7 1.6 1.7 1.6 1.7 1.6 1.7 1.6 1.7 1.6 1.6 1.7 1.6 1.6 1.7 1.6 1.6 1.7 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	710 2 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Libor Jm Libor 12m Seed Main Indiana SAPPO Down Jones SAPPO Down Jones FTSE 100 FTSE 100 FTSE 100 MAC ACA MAC ACA MAC MAC MAC MAC MAC MAC	2.32 (2.22 (2.24) (2.24	0 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	-1 Weekly 0.8 0.3 0.0 0.1 0.4 1.4 0.5 1.5 0.9 1.3 0.9 0.4 1.4 1.4 1.5 0.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1	-5 Monthly 43 3.7 0.0 43.3 2.2 9.0.6 6.5 8.5 7.2 2.7 3.3 9.1 1.5 6.1 1	710 2 0 1 1 1 1 3 1 1 5 2 0 1 1 1 1 1 5 2 1 1 1 1 1 1 1 1 1 1 1 1 1
Libor Jam Libor 12m Seed Main Informer SAPPDO Down Jones Hold I	2.32 consists 7 consis	0 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	-1 Weekly 0.8 0.3 0.0 0.1 0.4 1.4 0.5 1.8 0.9 0.3 1.0 0.0 1.1 1.5 0.5 1.6 0.5 1.8 0.9 0.4 1.4 1.4 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	-5 Monthly 43 3.7 0.0 3.2 1.7 0.0 0.5 8.5 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	62 YTTD 2 0 -1 1 1 -3 -1 3 1 5 -2 0 -10 -7 -1 -10 -9 -16 1 -8 -5 -1 -10 -14 -14 -12 -1 -14 -14 -14 -14 -6 -6 -6
Libor Jm Libor 12m Seed Main Indiana SAPPO Down Jones SAPPO Down Jones FFSS 100 LEEVEN SAPPO LIBOX LIBOX AND LIBOX A	2.32 consists 7 consis	0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-1 Wesley 0.8 0.3 0.0 0.1 0.4 1.5 3.8 0.9 0.4 1.5 0.9 0.4 1.5 0.9 0.4 1.5 1.6 0.9 0.4 1.5 1.6 0.9 0.4 1.5 1.6 0.9 0.4 1.5 1.6 0.9 0.4 1.5 1.6 0.9 0.4 1.5 1.6 0.9 0.4 1.5 1.6 0.9 0.8 1.9 0.9 0.4 1.5 1.6 0.9 0.8 1.9 0.9 0.4 1.5 1.6 0.9 0.8 1.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0	-5 Monthly 4.3 3.7 0.0 3.2 1.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	62 YTD 2 0 -1 1 -1 -3 -1 -3 -1 -5 -2 -2 -1 -10 -9 -16 -1 -10 -2 -1 -10 -2 -1 -10 -2 -1 -10 -2 -1 -10 -10
Libor Jam Libor 12m Seed Main Jerimen SAPPO Down Jones FFEE 100 FF	2.32 (2.72 (0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-1 Wesley 0.8 0.3 0.0 0.1 0.4 0.4 0.5 0.5 0.9 0.4 0.5 0.9 0.4 0.5 0.9 0.4 0.5 0.9 0.4 0.7 0.7 0.7 0.5 0.9 0.4 0.7 0.7 0.5 0.9 0.4 0.7 0.7 0.5 0.9 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	-5 Monthly 4.3 3.7 0.0 3.2 4.7 0.0 0.5 0.5 5.7 2.9 0.0 5.5 7.2 3.6 6.1 4.3 6.5 0.4 0.5 0.7 1.7 1.7 1.7 1.8 1.1 1.4 1.7 1.7 1.5 0.6 0.7 1.7 1.7 1.7 1.7 1.8 1.7 1.7 1.8 1.7 1.8 1.7 1.8 1.7 1.8 1.7 1.8 1.7 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8	710 2 0 -1 1 1 -1 1 -1 1 -1 1 -1 1 -1 1 -
Libor Jam Libor 12m Seed Main Infrases SAPP00 Down Jones Hall 100 Emergen Seed Hall 100	2.32 (2.74) (2.7	0 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-1 Wealty 0.8 0.3 0.3 0.0 0.0 0.4 4 0.3 0.7 0.7 0.7 0.7 0.7 1.5 0.5 0.4 0.3 0.9 0.4 0.3 0.9 0.4 0.3 0.9 0.4 0.3 0.9 0.4 0.3 0.9 0.4 0.3 0.9 0.4 0.3 0.9 0.4 0.3 0.9 0.4 0.3 0.9 0.4 0.3 0.9 0.4 0.3 0.9 0.4 0.9 0.4 0.9 0.4 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	-5 Monthly 4.3 3.7 0.20 0.6 0.5 1.7 2.9 0.6 0.5 1.7 2.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1	710 2 0 -1 1 1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1
Libor Jam Libor 12m Seed Sappe 0 Sappe	2.32 (2.74) (2.7	0 0 a y 0 0 a y 0 0 a y 0 0 a y 0 0 a y 0 0 a y 0 0 a y 0 a	-1 Wealty Walty Wa	-5 Monthly 4.3 3.7 0.0 2.3 7.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7	710 2 0 -1 1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -
Libor Jam Libor 12m Seed SAPPOO Down Jones SAPPOO Down Jones FFEE 100 FFEE	2.32 (2.74) (2.7	0 1 1 1 1 1 1 1 1 1	-1 Westly 0.8 3 0.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-5 Monthly 4.3 3.7 0.0 0.0 0.7 2.9 0.6 0.5 6.1 6.9 6.5 6.1 6.9 6.6 6.1 6.9 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1	7170 2 0 1 1 1 1 3 1 1 5 5 2 0 10 10 9 11 1 1 5 5 7 11 1 1 1 1 1 1 1 1 1 1 1 1
Libor Jam Libor 12m Seed Main Influence SAPPOD Down Jones I Shape I Sh	2.32 (2.74) [swell 2.74) [swell 2.74) [swell 2.74) [swell 2.74] [swell	0 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-1 Westly (-5 Monthly 4.3 A 3.4 A 3.6 A 3	7170 2 0 1 1 1 1 3 1 1 5 5 2 0 10 10 10 10 11 11 18 15 16 17 11 11 11 11 11 11 11 11 11 11 11 11
Libor Jam Libor 12m Seed Sapp 50 Dove Jones Sapp 50 Dove Jones FTSE 100 Excellent FTSE 100 Excellent MEX CAC MB MB MACCAL MB MCCLetture MCCLett	2.32 (2.74) [swill are also also also also also also also also	0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-1 Westly 10.8 3.9 3.0 3.0 3.1 3.9 3.0 3.1 3.9 3.0 3.1 3.9 3.0 3.1 3.9 3.0 3.1 3.9 3.0 3.1 3.9 3.0 3.1 3.9 3.0 3.1 3.9 3.0 3.1 3.9 3.0 3.1 3.9 3.0 3.1 3.9 3.0 3.1 3.9 3.0 3.1 3.9 3.0 3.1 3.0 3.1 3.0 3.1 3.0 3.1 3.0 3.1 3.0 3.1 3.0 3.1 3.0 3.1 3.0 3.1 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	-5 Monthly 4.3 4.3 4.3 4.0 4.0 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3	7110 2 2 3 4 4 1 1 1 4 6 6 1 2 2 2 2 2 7110 3 6 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Libox Jm	2.32 (2.74) [swell 2.74) [swell 2.74] [swell 2.74] [swell 2.74) [swell 2.74] [swell	0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 1 0 1 1 1 1 0 1	-1 Weakly (1984) 1984 1984 1984 1984 1984 1984 1984 1984	-5 Monthly 4.3 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	62 YITO 2 2 3 1 1 1 1 3 3 1 1 1 5 2 0 100 101 11 15 5 2 11 101 101 101 101 101 101 101 101 10
Libor Jam Libor 12m Seed Main Jerimen SAPPO Down Jones FFSE 100 FF	2.32 (2.20) (2.74) (2.7	0 1 1 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	-1 Westly	-5 Monthly 4.3 1 4	62 YTTO 2 0 1 1 1 1 3 1 1 3 1 1 5 2 2 0 10 0 10 17 18 5 5 7 17 10 11 18 5 11 11 11 11 11 11 11 11 11 11 11 11 1
Libox Jm	2.32 (2.74) [swell 2.74) [swell	0 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	-1 Weathy	-5 Monthly 143 43 43 43 43 43 43 43 43 43 43 43 43 4	62 Y110 2 1 1 1 1 1 1 1 3 3 1 1 3 1 1
Libox Jm	2.32 2.20 2.74 2.5 2.74 2.5 2.74 2.5 2.74 2.5 2.74 2.5 2.74 2.74 2.74 2.74 2.74 2.74 2.74 2.74	0 1 1 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 4 4 4 2 3 3 3 3	-1 Westly	-5 Monthly 43 33 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	62 YTTO 2 2 1 1 1 1 1 3 3 1 1 5 2 2 1 1 1 1 1 1 5 5 2 1 1 1 1
Libor Jam Libor 12m Seed Main Infrases SAPP00 Down Jones Hall 100 Emotions 5 Hall 100 Emotions 5 Hall 100 Emotions 5 Hall 100 Emotions 5 Hall 100 Emotions 6 Hall 100 Emotions 6 Hall 100 Emotions 7 Hall 100 Hall	2.32 (2.20 cm market 2.27 days 2.27	0 1 1 0 1 0 1 1 0 1 1 0 1 1 0 1 1 1 0 1	-1 Weathy (1997) 130 0.0 0.0 0.0 1.1 0.0 0.0 1.1 0.0 0.0 1.1 0.0 0.0	-5 Monthly 4.3 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3	62 YITO 2 2 3 1 1 1 1 3 3 1 1 5 2 2 0 10 7 7 1 10 9 9 16 1 1 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Libor Jam Libor 12m Seed Main Infrases SAPP00 Down Jones Hall Hall Jone James Jone Jone Jone Jone Jone Jone Jone Jone	2.32 (2.74) [swell 2.74] [swell	0 1 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	-1 Westly	-5 Monthly 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4	62 VYID 1 1 1 1 3 3 1 1 3 1
Libox Jm	2.32 (2.20 case) and the case of the case	0 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	-1 Vicatov (No. 10 Vicatov (No	-5 Monthly 13	62 VYID 2 0 1 1 1 1 3 1 3 1 1 3 1 1 3 1 1 3 1 1 1 3 1 1 1 3 1 1 1 3 1
Book 2m	2.32 (2.74) [swell 2.74] [swell	0 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	-1 Vicatory (Vicatory (Vic	-5 Monthly Monthly 13 A 12 A 13 A 13 A 13 A 13 A 13 A 13 A	62 VIII 2 0 1 1 1 1 1 5 2 0 1 1 1 1 1 5 2 1 1 1 1 1 1 5 2 1 1 1 1 1
Libox Jm	2.32 (2.74) (2.7	0 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	-1 (Vicinity) (Vicinit	-5 -5 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6	62 0 1 1 1 1 1 5 2 0 1 1 1 1 1 5 5 2 1 1 1 1 1 1 1 1 1 1 1 1
Libox Jm	2.32 2.02 2.74 2.75 2.75 2.75 2.75 2.75 2.75 2.75 2.75	0 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	-1 Vicatory (1997) (199	-5 Monthly 43 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.	62





Develo ped markets		anges in t	ip)		
US (2-yr)	2,50	2.8	2.4	Month 2	YTD 58
US GER (2-yr) Germany	2.92 -0.62 0.42	1.5 0.8 3.3	-1.5 5.0 7.5	-3 -4 -11	45 -1 -5
France Spain	0.73	1.8	2.8 -19.9	-3 7	-10 -29
Italy Portugal	2.53	-15.7 -12.0	-15.2 -31.1	79 11	44 -25
Greece Japan (2-yr)	4.46 -0.13 0.05	-4.4 0.1	-2.3 0.6	46	36 0
Japan Emerging Markets	level	0.8 Daily	0.6 Weekly	0 Monthly	O YTD
Brazil Chile	11.50 4.57	8.0 -1.8	32.9 -0.8	166 10	124 5
Colombia Mexico	6.60 7.85	0.0 2.1	-0.4 20.5	15 32	16 27
Peru Poland	5.38	-2.8 -2.1	1.1	41	-10
Russia Turkey	7.46 14.34	4.0	4.4 67.0	131	-17 298
India Indonesia	7.88 7.02	2.7	13.7 -13.8	-14	49 72
Country no Developed Markets		es in bp)	Waably	Monthly	YTD
10-yr sovereign spread vs Germany France	31	-1.5	-4.7	8	2
Italy	211	-19.0	-4.7 -22.7 -38.6	91	49
Portugal Spain 2-yr sovereign spread vs Germany	134 91	-15.3 -14.8	-38.6	23 19	-20 -24
France	12	-1.9	1.0	3	-4
Italy Portugal	139 58	-31.1 -4.6	-18.5 -20.7	113	102 -10
Spain Emerging Markets	42 level	-14.4 Daily	-13.5 Weekly	17 Monthly	15 YTD
5-yr sovereign CDS * Brazi	237	6.6	45	55	76
Chile Colombia	57 123	-1.2 -4.2	4 9	3	8
Argentina	384	-11.2	36	71	145
Mexico Peru	137 93	-3.1 -1.9	17 7	19 13	30 21
Venezuela Poland	16,599 66	0.0 -0.5	0 7	0 17	0 18
Russia Turkey	134 279	-1.2 10.0	6 15	-2 69	16 115
China India	56 91	-0.1 -0.6	0	-2 16	6 22
Indonesia	122 k indicators	1.2	5	14	37
Volatilty indicators (change in pp)	level	Daily -0.2	Weekly	Monthly	YTD
VSTOXX	13 14	-1.3	-3	-3 0	3
EM EFT volatility Index Dollar/euro volatility EM FX volatility Index	17 7	-0.4 -0.1	-1	-2 0	1
Credit spread (BAA) (change in bps)	9 187	0.1 -1.5	2	1 2	10
US bonds volatility index Inflation expectations (%)	57 level	-3.6 Daily	3 Weekly	8 Monthly	8 YTD
US Inflation expectations (5Y5Y) EZ Inflation expectations (5Y5Y)	2.39 1.74		0 5	-6 -4	7
Banking Sy CDS (bps) *	level 5.9	Daily -2.1	Weekly 4	Monthly 3	YTD 17
EZ	89	-15.4	11	34	49
UK Large Spanish	48 87	-3.6 -12.7	-3 1	4 39	7 51
Medium Spanish Corporate Sy CDS (tps) *	96 level	-4.1 Daily	7 Weeldy	27 Monthly	21 YTD
US Non-financial EZ Non-financial	155 78	-2.1 -15.4	4 11	3 34	17 49
UK Non-financial Interbank ma	106	-1.2 noes in b	-1	3	14
	level	Daily	Weeldy	Monthly	YTD
EONIA Index Euribor 3m Euribor 12m	-0.36 -0.32	0	0	0	1
Libor 3m	-0.18 2.32	0	0	1 -5	0 62
Libor 12m	2.72	1	-4	-5	62
Stor	de markata e	KO.			
	k markets (Daily	Weekly	Monthly	YTD
Main indices S&P500	level 2,743	Daily 0.3	0.8	4.3	2
Main indices S&P500 Dow Jones Nildoi	2,743 24,825	0.3 0.8 1.4	0.8 0.3 0.0	3.7 0.0	2 0 -1
Mainindoes S&P500 Dow Jones Nikkol FTSE 100 EuroStoxx 50	2,743 24,825 22,476 7,741 3,470	0.3 0.8 1.4 0.5 0.5	0.8 0.3 0.0 0.1 -0.4	3.7 0.0 3.2 -1.7	2 0 -1 1
Main indices S&PS00 Dow Jones Hilderi TO TO T	2,743 24,825 22,476 7,741 3,470 9,750 12,771	0.3 0.8 1.4 0.5 0.5 1.2 0.4	0.8 0.3 0.0 0.1 -0.4 -0.1	3.7 0.0 3.2 -1.7 -2.9 0.6	2 0 -1 1 -1 -3 -1
Main indices S&PS00 Down Jones FMSE Milkel FESE 100 Eart Soxx 50 EEX DAX CAC	1evel 2,743 24,825 22,476 7,741 3,470 9,750 12,771 5,473 22,010	0.3 0.8 1.4 0.5 0.5 1.2 0.4 0.1	0.8 0.3 0.0 0.1 -0.4 -0.1 -0.7 -0.7	3.7 0.0 3.2 4.7 -2.9 0.6 0.5 -8.5	2 0 -1 1 -1 -3 -1 3 1
Main Indices \$4,950 Down Jones Black Blac	2,743 24,825 22,476 7,741 3,470 9,750 12,771 5,473 22,010 779 84,166	0.3 0.8 1.4 0.5 0.5 1.2 0.4 0.1 -0.5 0.2	0.8 0.3 0.0 0.1 -0.4 -0.1 -0.7 -0.7 0.4 3.0 -1.5	3.7 0.0 3.2 4.7 -2.9 0.6 0.5 -8.5 -7.2 -7.3	2 0 -1 1 -1 -3 -1 3 1 -5 -2
Main Indices 566/500 Down Jones 1864 1854 10 Janes Sex 50 Box X DAX ACC AND AND AND AND AND AND AND	2,743 24,825 22,476 7,741 3,470 9,750 12,771 5,473 22,010 779 84,166 78,224 45,267	0.3 0.8 1.4 0.5 0.5 1.2 0.4 0.1 -0.5 0.2 0.6 1.3 0.6	0.8 0.3 0.0 0.1 -0.4 -0.1 -0.7 -0.7 0.4 3.0 -1.5 3.8 0.9	3.7 0.0 3.2 4.7 2.9 0.6 0.5 8.5 7.2 7.3 6.1	2 0 -1 1 -1 -3 -1 3 -1 -5 -2 0 -10
TEMPORE TO THE STATE OF THE STA	2,743 24,825 22,476 7,741 3,470 9,750 12,771 5,473 22,010 779 84,166 78,224 45,267 29,029 5,330	0.3 0.8 1.4 0.5 0.5 1.2 0.4 0.1 -0.5 0.2 0.6 1.3 0.6 2.1 0.1	0.8 0.3 0.0 0.1 -0.4 -0.1 -0.7 -0.7 0.4 3.0 -1.5 3.8 0.9 1.3	3.7 0.0 3.2 1.7 2.9 0.6 0.5 8.5 7.2 7.3 6.1 3.9 1.6 2.8	2 0 -1 1 -1 -3 -1 3 1 -5 -2 0 -10 -7 -1
TENNIN TE	2,743 24,825 22,476 7,741 3,470 9,750 12,771 5,473 22,010 779 84,166 78,224 45,267 29,029 5,330 2,210	0.3 0.8 1.4 0.5 0.5 1.2 0.4 0.1 -0.5 0.2 1.3 0.6 2.1 0.9	0.8 0.3 0.0 0.1 -0.4 -0.1 -0.7 -0.7 0.4 3.0 -1.5 3.8 0.9 1.3 -0.9	3.7 0.0 3.2 4.7 2.9 0.6 0.5 8.5 7.2 7.3 6.1 3.9 1.6 2.8 3.6 0.4	2 0 -1 1 -1 -3 -3 -1 -3 1 -5 -2 0 -10 -7 -1 -10 9
ASS AND ASS ASS ASS ASS ASS ASS ASS ASS ASS AS	2,743 24,825 22,476 7,741 3,470 9,750 12,771 5,473 22,010 779 84,166 78,224 45,267 29,029 5,330 2,210 4,479 99,250 930	0.3 0.8 1.4 0.5 0.5 1.2 0.4 0.1 -0.5 0.2 0.6 1.3 0.6 2.1 0.1 0.9 0.4	0.8 0.3 0.0 0.1 -0.4 -0.1 -0.7 -0.7 0.4 3.0 -1.5 3.8 0.9 -0.4 -0.3 -6.8	3.7 0.0 3.2 1.7 2.9 0.6 0.5 8.5 7.2 7.3 6.1 3.9 1.6 2.8 3.6 0.0	2 0 -1 1 -1 -3 -1 3 1 -5 -2 0 -10 -7 -1
15 minutes 15555500 Down Jones 1555500 Down Jones 1555500 Historia Grant John John John John John John John John	2,743 24,825 22,476 7,741 3,470 9,750 12,771 5,473 22,010 779 84,166 678,224 45,267 29,029 5,330 2,210 4,479 99,250 930 3,091	0.3 0.8 1.4 0.5 0.5 1.2 0.4 0.1 -0.5 0.6 1.3 0.6 2.1 0.9 0.4 0.1	0.8 0.3 0.0 0.1 -0.4 -0.1 -0.7 -0.7 0.4 3.0 -1.5 3.8 0.9 1.3 -0.9 -0.4 -0.3 -6.8 -0.4	3.7 0.0 3.2 1.7 2.9 0.6 0.5 8.5 7.2 7.3 6.1 3.9 1.6 2.8 3.6 0.4 3.6 0.0	2 0 -1 1 -1 -3 -1 3 1 1 -5 -2 0 -10 -7 -1 -1 -10 9 -16 1 -8
Hamiltonian SASSPERO Down Jones Haws Season S FTSE 100 GENERAL SEASON S GENERAL S GEN	2,743 24,825 22,476 7,741 3,470 9,750 12,771 5,473 22,010 779 84,166 78,224 45,267 29,029 5,330 2,210 4,479 99,250 930 3,091 6,015	0.3 0.8 1.4 0.5 1.2 0.4 0.1 -0.5 0.2 0.6 1.3 0.6 2.1 0.1 0.9 0.9 0.4 0.1	0.8 0.3 0.0 0.1 -0.4 -0.7 -0.7 0.4 3.0 -1.5 3.8 0.9 1.3 -0.9 -0.4 -0.3 -6.8 -0.4 -1.4 0.7 Vecelly	3.7 0.0 3.2 1.7 2.9 0.6 0.5 8.5 7.2 7.3 6.1 3.9 1.6 0.4 3.6 0.4 3.6 0.0	2 0 -1 1 -1 -3 -3 -1 3 1 -5 -2 0 -10 -7 -1 -10 9 -16 1 -8 -5 -5 -5 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7
ASS ASSESSESSESSESSESSESSESSESSESSESSESSESSE	2,743 24,825 22,476 7,741 3,470 9,750 12,771 5,473 22,010 779 84,166 78,224 45,267 29,029 5,330 2,210 4,479 99,250 30,091 6,015 lovel 142,6 108,6	0.3 0.8 1.4 0.5 0.5 1.2 0.4 0.1 -0.5 0.6 1.3 0.6 1.3 0.6 1.3 0.6 1.3 0.6 1.3 0.6 1.3 0.5 1.2 0.5 1.2 0.6 1.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.8 0.3 0.0 0.1 -0.4 -0.1 -0.7 -0.7 0.4 3.0 -1.5 3.8 0.9 1.3 -0.9 -0.4 -0.3 -6.8 -0.4 -1.4 -0.7	3.7 0.0 3.2 4.7 2.9 0.6 5.5 7.2 7.3 6.1 3.9 4.6 2.8 3.6 0.4 3.6 0.0 0.3 0.0 0.0 0.3 0.0 0.0 0.3	2 0 -1 1 -1 -3 -3 -1 -5 -2 0 -10 -7 -1 -10 9 -16 1 -1 -8 -5 -5 -7 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1
ATT in la micros ASPASO Down Jones Held State ASS	1 (1) (2) (2) (2) (3) (4) (2) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	0.3 0.8 1.4 0.5 0.5 0.5 1.2 0.4 0.1 1.3 0.6 2.1 0.1 0.6 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.8 0.3 0.0 0.1 -0.4 -0.1 -0.7 -0.7 0.4 3.0 -1.5 3.8 0.9 1.3 -0.9 1.3 -0.9 -1.4 -0.3 -6.8 -0.4 -1.4 0.7 Vecely -2.3 -1.8 -1.9 -2.6	3.7 0.0 3.2 4.7 2.9 0.6 0.5 8.5 7.2 7.3 6.1 3.9 4.6 2.8 3.6 0.0 0.3 0.0 0.3 0.0 0.1 1.3 4.2 0.6	2 0 1 1 1 3 3 1 5 5 2 0 -10 9 -16 1 1 8 8 5 5 YID 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Attended Team September 1 Sept	16wl 2,743 24,825 22,476 7,741 3,470 9,750 12,771 5,473 22,010 779 84,166 78,224 45,267 29,029 5,330 2,210 4,479 99,250 930 3,091 6,015 16ws 67,1 29,4 51,5	0.3 0.8 1.4 0.5 0.5 0.5 0.5 0.6 1.2 0.4 0.1 -0.5 0.2 0.4 0.1 0.1 0.9 0.9 0.5 0.5 0.5 0.5 0.6 0.6 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.8 0.3 0.0 0.1 -0.4 -0.1 -0.7 -0.7 -0.7 -0.7 3.0 -1.5 3.8 0.9 -0.4 -0.3 -6.8 -0.4 -1.4 0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7	3.7 0.0 3.2 -1.7 -2.9 0.6 -0.5 -8.5 -7.2 -7.3 -6.1 -3.9 -1.6 -2.8 -3.6 0.0 -0.3 0.0 Monthly 0.1 1.3 -1.2 0.6	2 0 1 1 1 3 3 1 5 2 2 0 10 7 7 1 1 10 9 16 16 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Television Consideration First Tool Firs	2,743 24,825 22,476 7,741 3,470 9,750 12,771 5,473 24,010 779 84,166 78,224 45,267 4,279 99,250 99,250 99,250 99,250 142,6 67,1 29,4 51,5 108,6 67,1 29,5 93,5 93,5	0.3 0.8 1.4 0.5 0.5 1.2 0.4 0.1 0.6 1.3 0.6 0.5 0.0 0.6 0.5 0.9 0.9 0.0 0.0 0.5 0.5 0.5 0.5 0.5 0.5 0.6 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0.8 0.3 0.0 0.1 0.4 0.7 0.7 0.7 0.4 3.0 0.9 1.3 0.9 0.4 0.3 6.8 0.9 0.4 1.3 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	3.7 0.0 3.2 4.7 2.9 0.6 0.5 7.2 7.3 3.9 4.6 3.6 0.0 0.3 0.0 Monthly 0.1 1.3 4.2 0.7 4.3 0.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4	2 0 -1 1 1 -1 -3 3 1 5 5 -2 0 0 -7 -1 1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -
Attinism tens ABPS00 Dowy Jonnes Holded HTSE TOWN TOWN THE STATE THE STATE TOWN TOWN TOWN TOWN TOWN TOWN TOWN TOWN	16vol 2,743 24,825 22,476 7,741 3,470 9,750 12,771 5,473 22,010 779 84,166 78,224 45,267 29,029 5,330 2,210 4,479 99,250 930 3,091 16,015 16vol	0.3 0.8 0.8 1.4 0.5 1.2 0.4 0.5 1.2 0.6 1.3 0.6 0.5 0.5 0.5 0.5 0.5 0.5 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.4 0.4 0.4 0.8	0.8 0.3 0.0 0.0 0.1 0.7 0.4 0.1 0.7 0.4 3.0 0.9 1.3 0.9 0.4 1.4 1.4 1.4 1.4 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9	3.7 0.0 3.2 1.7 2.9 0.6 0.5 7.2 7.3 3.6 6.1 3.9 1.6 2.8 3.6 0.0 0.0 0.1 1.3 1.2 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	2 0 -1 1 1 -1 -3 3 1 1 -5 -2 0 -10 9 -16 1 1 -8 -5 -5 -5 YTD -4 1 -10 -10 -10 -10 -10 -10 -10 -10 -10 -
Attendenties September Sep	2,743 24,825 22,476 7,741 3,470 9,750 12,771 5,473 22,010 779 84,166 78,166 930 3,091 142,6 109,15 1	0.5 1.2 0.5 1.3 0.6 0.5 0.5 0.4 0.1 0.5 0.5 0.2 0.2 0.2 0.2 0.1 0.5 0.5 0.2 0.2 0.2 0.3 0.5 0.4 0.4 0.4 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.8 0.3 0.0 0.1 0.4 0.7 0.7 0.4 3.0 0.9 1.3 0.9 0.4 0.3 6.8 0.9 0.4 0.7 Vector 1.8 1.9 2.6 1.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2	3.7 0.0 3.2 1.7 2.9 0.6 0.5 0.5 0.5 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	2 0 1 1 1 1 1 3 3 1 1 5 5 2 0 1 1 0 1 1 0 1 0 1 1 1 1 1 1 1 1 1 1
ASS	2,743 24,825 22,476 7,741 3,470 9,750 12,771 5,473 22,010 779 84,166 78,166 930 3,091 142,6 109,15 1	0.5 1.2 0.4 0.5 1.3 0.6 1.3 0.5 0.5 0.2 0.2 0.2 0.2 0.5 0.4 0.5 0.5 0.5 0.2 0.2 0.6 0.5 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0.8 0.3 0.0 0.0 0.1 0.7 0.4 0.1 0.7 0.4 0.7 0.4 0.1 1.5 3.0 0.9 1.3 0.9 0.4 0.7 1.6 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	3.7 0.0 3.2 1.7 2.9 0.6 0.5 0.5 0.5 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	2 0 1 1 1 1 1 3 3 1 1 5 5 2 0 1 1 0 1 0 9 1 1 1 1 1 1 1 1 1 1 1 1 1
ASS ASSOCIATION OF THE ASSOCIATI	Invel 2.743 3.470 3.47	0.3 0.8 1.4 0.5 1.2 0.4 0.1 1.3 0.6 0.5 0.2 0.2 0.2 0.2 0.4 0.8 1.3 0.6 0.0 0.7 0.8 1.3 0.6 0.0 0.7 0.8 1.3 0.6 0.0 0.7 0.8 1.3 0.6 0.0 0.7 0.8 1.3 0.6 0.8 1.3 0.6 0.8 1.3 0.6 0.8 1.3 0.6 0.0 0.7 0.8 1.3 0.6 0.8 1.3 0.6 0.8 1.3 0.6 0.8 1.3 0.6 0.8 1.3 0.6 0.8 1.3 0.6 0.8 1.3 0.6 0.8 1.3 0.6 0.8 1.3 0.6 0.8 1.3 0.6 0.8 1.3 0.6 0.8 1.3 0.6 0.8 1.3 0.6 0.8 1.3 0.8 1.3 0.6 0.8 1.3 0.6 0.8 1.3 0.8 1.3 0.6 0.8 1.3 0.8 1.3 0.8 0.8 1.3 0.8 0.8 1.3 0.6 0.8 1.3 0.8 0.8 1.3 0.8 0.8 1.3 0.8 0.8 1.3 0.8 0.8 1.3 0.8 0.8 1.3 0.8 0.8 1.3 0.8 0.8 0.8 1.3 0.8 0.8 0.8 1.3 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	0.8 0.3 0.0 0.1 0.1 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.3 0.9 0.9 0.3 0.9 0.9 0.4 0.1 1.8 0.9 0.9 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	3.7 0.0 3.2 1.7 2.9 0.6 0.5 8.5 7.2 7.3 3.6 0.1 1.6 0.3 0.0 0.1 1.3 0.0 0.1 1.3 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6 1.6	2 0 1 1 1 1 3 3 1 1 5 5 2 2 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Afficient Common	Invel 2.743 1.741 1.74	0.3 0.8 1.4 0.5 1.2 0.5 1.2 0.4 0.1 1.3 0.6 0.5 0.2 0.2 0.2 0.2 0.1 0.5 0.4 0.8 0.6 0.0 0.7 0.8 0.9 0.9 0.6 0.6 0.6 0.6 0.6 0.9 0.9 0.6 0.6 0.6 0.6 0.6 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.8 0.3 0.0 0.1 0.1 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.3 0.9 0.9 0.3 0.9 0.9 0.4 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	3.7 0.0 3.2 4.7 2.9 0.6 5.8 5.7 7.2 7.3 3.6 6.1 3.9 0.0 0.0 0.1 1.3 1.2 1.4 0.7 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	2 0 1 1 1 1 3 3 1 1 5 5 2 0 1 1 0 1 1 1 6 1 1 1 1 1 1 1 1 1 1 1 1
Afficial includes AFFECTION AFFECTIO	1 (2) (2) (2) (2) (2) (2) (2) (2) (2) (2)	0.6 v. 0.5 v. 0.5 v. 0.5 v. 0.5 v. 0.5 v. 0.5 v. 0.6 v. 0.6 v. 0.6 v. 0.6 v. 0.7 v. 0.8 v. 0.8 v. 0.9 v. 0.6 v. 0.9 v. 0.9 v. 0.6 v. 0.9 v. 0.	0.8 0.3 0.0 0.1 0.4 0.1 0.7 0.7 0.7 0.7 0.7 0.7 0.8 0.9 0.9 0.4 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	3.7 0.0 3.2 1.7 2.9 0.5 8.5 5.7 3.6 1.6 1.6 2.8 3.6 0.0 0.1 1.3 0.7 1.2 0.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1	2 0 1 1 1 1 3 3 1 1 5 5 2 0 0 10 7 7 1 1 10 9 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Attinum times 666900 Down Jones Holde HIST STORM	2,743 2,4825 22,476 9,750 9,750 9,750 9,750 9,750 9,750 12,711 5,473 12,711 5,473 12,711 5,473 12,711 5,473 12,711 5,473 12,711 5,473 12,711 5,473 12,711 5,473 12,711 5,473 12,711 12,711 14,7	0.3 0.8 1.4 0.5 0.5 0.5 0.5 0.6 1.3 0.6 0.5 0.5 0.1 0.5 0.5 0.5 0.6 1.3 0.6 0.5 0.5 0.7 0.7 0.8 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.8 0.3 0.0 0.1 0.4 0.1 0.7 0.7 0.7 0.7 0.7 0.7 0.9 0.9 0.3 0.9 0.4 1.4 0.9 0.9 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	3.7 0.0 3.2 1.7 2.9 0.6 0.5 7.2 7.3 1.6 1.6 2.8 3.5 3.6 0.0 0.3 0.0 0.3 1.3 1.2 1.3 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	2 0 1 1 1 1 3 3 1 1 5 5 2 0 0 10 0 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1
ASS	1	Daily 0.3 0.8 1.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.8 0.3 0.0 0.3 0.0 0.1 0.4 0.4 0.1 0.7 0.7 0.7 0.9 0.9 0.3 0.8 0.9 0.4 0.7 0.7 0.7 0.7 0.7 0.7 0.9 0.8 0.9 0.9 0.1 0.9 0.9 0.1 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	3.7 0.0 3.2 1.7 2.9 0.6 0.5 7.2 3.6 1.6 2.8 3.5 0.0 1.6 2.8 3.5 0.0 3.6 0.3 0.0 1.3 1.2 1.4 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	2 0 1 1 1 1 1 3 3 1 1 5 5 2 2 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
ASS AND	12-42 (1997) (19	Doily 0.3 0.8 1.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.8 0.3 0.0 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	3.7 0.0 3.2 1.7 2.9 0.6 0.5 0.5 6.1 6.5 7.2 2.8 3.6 6.1 3.6 0.0 0.0 0.0 0.0 0.0 0.0 1.6 0.0 0.0 1.6 0 1.6 0 1.	20 01 11 11 33 11 55 22 00 -10 9 -16 11 18 8 -5 2 7 7 -1 10 -10 -10 -10 -10 -10 -10 -10 -10 -
### Annual Process ### Annual Pr	12-24 2.743 2.489.5 2.743 2.489.5 2.743 2.743 2.779 2.799 2.	0.3 0.8 1.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.8 0.3 0.0 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	3.7 0.0 3.2 1.7 2.9 0.6 0.5 7.2 3.6 1.6 3.5 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6	2 0 1 1 1 1 3 3 1 1 5 5 2 2 0 10 0 10 1 1 1 8 5 5 7 7 1 1 1 1 1 1 8 1 1 1 1 1 1 1 1 1 1 1
ASS AND	Institute Inst	Daily 0.3 0.8 1.4 0.5 0.5 0.5 0.5 0.5 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.4 0.3 0.6 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0.8 0.3 0.0 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.7 0.7 0.4 0.1 0.7 0.7 0.4 0.1 0.1 0.7 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	3.7 0.0 3.2 1.7 2.9 0.6 0.5 5.7 2.8 3.5 6.1 3.5 3.5 3.5 3.5 0.0 0.0 0.1 1.3 1.2 1.2 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	2 0 1 1 1 1 3 3 1 1 5 5 2 2 0 10 0 9 9 16 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
ASS ARTON OF CONTROL O	12-42 (1997) 1-12-12	Daily Daily	0.8 0.3 0.0 0.3 0.0 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.7 0.7 0.4 0.7 0.7 0.4 0.3 0.9 0.9 0.1 0.3 0.9 0.9 0.1 0.3 0.9 0.9 0.1 0.3 0.9 0.9 0.5 0.1 0.9 0.5 0.5 0.9 0.9 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	3.7 0.0 3.2 1.7 2.9 0.6 0.5 5.7 2.8 3.5 6.1 3.5 3.5 3.5 3.5 0.0 0.0 0.1 1.3 1.2 1.2 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	20 -1-1-1-3-3-1-1-3-3-1-1-5-2-2-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0
### All Process	12-22 (1-2)	0.3 0.8 1.4 0.5 0.5 0.5 0.6 0.6 0.5 0.5 0.5 0.5 0.5 0.5 0.6 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	0.8 0.3 0.0 0.1 0.4 0.4 0.7 0.7 0.7 0.4 1.3 1.8 0.9 1.3 0.9 0.3 1.8 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9	3.7 (1.0 m) (1	20 11 11 13 31 15 52 00 10 77 1-1 10 9 16 6 11 10 10 14 11 10 10 14 11 11 11 16 16 16 16 16 17 17 18 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19
### Annual Process ### Annua	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.1y 0.3 (0.1) 0.3 (0.1) 0.5 (0.2) 0.4 (0.1) 0.5 (0.2) 0.6 (0.3) 0.6 (0.3) 0.7 (0.3) 0.9 (0.4)	0.8 0.3 0.0 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	3.7 0.0 0.0 3.2 1.7 2.9 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	20 0 11 1 13 3 15 5 2 0 0 0 16 1 1 6 6 6 12 2 1 1 1 1 1 6 6 6 6 12 1 1 1 1
Attended to the common of the	12-92 (1997) (19	0.4 v dspeak 0.5 v dspeak 0.6 v	0.8 0.3 0.0 0.1 0.4 0.4 0.7 0.7 0.4 0.7 0.9 0.9 0.3 0.9 0.3 0.9 0.3 0.9 0.3 0.9 0.4 1.4 1.4 0.7 0.7 0.4 1.5 0.7 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	3.7 (1.5) (1.7) (1	20 01-11 1-13 3-1-13 1-5-2-2 0-100 7-7-1-1-100 9-16-6 1-1-100 1-14
Afficient Common	Tends Tend	0.1) 0.3) 0.3) 0.3) 0.4) 0.5 1.2 0.6 0.5 1.2 0.6 0.6 1.3 0.6 0.6 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.8 0.3 0.0 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	3.7 (2.9 a) (3.0 a) (3.2 a) (3	20
### Annual Process ### Annual Pr	2,743 24,825 22,476 24,724 24,825 24,	0.1 0.3 0.3 0.5 1.2 0.1 0.1 1.3 0.6 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.8 0.3 0.0 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	3.7 (1.0 m) (1	20 -11 -11 -13 -3 -13 -13 -13 -13 -15 -2 -2 -2 -11 -10 -14 -14 -15 -16 -17 -17 -17 -17 -17 -18 -18 -18 -18 -18 -18 -18 -18 -18 -18
ASS ASSESSED	2,743 2,48,25 2,743 2,48,25 2,743 2,744 2,744 2,744 2,754 2,	0.1) 0.3 0.3 0.3 0.3 0.5 1.2 0.5 1.2 0.4 0.1 0.5 1.2 0.2 0.2 0.1 0.1 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.8 0.3 0.0 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	3.7 3.0 3.2 3.2 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6	20 -11 -11 -13 -13 -13 -13 -13 -13 -15 -2 -2 -2 -11 -10 -14 -14 -13 -13 -13 -13 -13 -13 -13 -13 -14 -14 -14 -14 -15 -16 -16 -16 -16 -16 -16 -16 -16 -16 -16
ASS ARBONNO A	2,743 2,48,625 2,743 2,48,625 2,794 2,794 12,771 12	0.19	0.8 0.3 0.0 0.1 0.4 0.3 0.0 0.5 0.5 0.5 0.0 0.2 0.0 0.5 0.5 0.0 0.5 0.5 0.0 0.5 0.5 0.5	3.7 3.0 3.2 3.2 3.2 3.3 3.5 3.5 3.5 3.5 3.5 3.5 3.5	20 -11 -13 -3 -3 -13 -13 -15 -2 -2 -2 -10 -10 -10 -10 -10 -10 -10 -10 -10 -10
ASS AND	2,743 248,052 248,052 248,052 248,052 248,052 248,062	0.10 0.3 0.8 1.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.8 0.3 0.0 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	3.7 3.2 3.2 3.2 3.2 3.2 3.3 3.5 3.5 3.5 3.5 3.5 3.5 3.5	20 01 11 11 -13 -3 -3 -13 -13 -15 -2 -2 0 -100 -100 -101 -101 -101 -101 -
### Annual Process ### Annual Pr	12,743 24,825 24,825 24,825 27,94 27	0.19 0.3 0.3 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.8 0.3 0.0 0.3 0.0 0.4 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	3.7, 3.9, 3.6, 3.6, 3.6, 3.6, 3.6, 3.6, 3.6, 3.6	2 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
ASS ARTHUR AND	2,243 248,25 248,25 248,25 248,25 248,25 248,25 248,25 249,26 25,210 279,27 279	0.10 0.3 0.8 1.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.8 0.3 0.0 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	3.7 3.2 3.2 3.2 3.2 3.2 3.3 3.5 3.5 3.5 3.5 3.5 3.5 3.5	20 01 11 11 -13 -3 -3 -13 -13 -15 -2 -2 0 -100 -100 -101 -101 -101 -101 -
ASS Affords ASS ASS ASS ASS ASS ASS ASS ASS ASS AS	12-42 (1995) 12-42	0.1 0.3 0.8 0.5 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.8 0.3 0.3 0.0 0.1 0.1 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	3.7, 3.9 3.6 1.1 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	20 0 1-1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
### Annual Process	Tends Tend	0.1 0.3 0.8 0.1 1.3 0.5 5.0 0.2 0.2 0.2 0.2 0.1 1.3 0.4 0.4 0.4 0.5 0.5 0.5 0.7 0.7 0.8 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0.8 0.3 0.0 0.0 0.5 0.8 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	3.7 (1.0 m) (1	20 0 1-1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
ASS ARTHUR AND ASS AR	Tends Tend	0-sity 0.00	0.8 0.3 0.3 0.0 0.3 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	3.7 (1.2 d) (1	20 0 1-1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
### A Prince ### A	Tends Tend	0.10 0.3 0.8 1.4 0.5 5.0 0.6 0.5 0.5 0.5 0.4 0.6 0.5 0.5 0.6 0.6 0.5 0.5 0.6 0.6 0.5 0.5 0.6 0.6 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	0.8 0.3 0.3 0.0 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	3.7, 3.9 3.6 1.9 3.0 3.6 1.9 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	20



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