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INTEREST RATE AND CURRENCY DERIVATIVES

DAILY MTM REPORT

DAILY SUMMARY FOR: 12/12/2018

Contract Details	Strike	Call / Put	MTM Yield	Mark Price	Spot Rate	Previous MTM	Previous Price	Premium On Option	Volatility	Delta	Delta Value	Contracts Traded	Open Interest
Derivatives													
\$ / R	On 12/12/2018	Any day expiry	14.16280	14.16280		14.36000	14.36000		22.89	0.00	52,005,801.60	3,672	0.00
\$ / R	On 14/12/2018	Foreign Exchange Future	14.16440	14.16440		14.36000	14.36000		22.37	0.00	1,548,650,509.60	109,334	357,001.00
\$ / R	On 14/12/2018	Foreign Exchange Future	11.64	Put	0.00000	0.00000	0.00000	0.000	27.90	0.00	0.00	0	2,764.00
\$ / R	On 14/12/2018	Foreign Exchange Future	11.75	Put	0.00000	0.00000	0.00000	0.000	29.04	0.00	0.00	0	228,616.00
\$ / R	On 14/12/2018	Foreign Exchange Future	11.90	Put	0.00000	0.00000	0.00000	0.000	30.59	0.00	0.00	0	11,300.00
\$ / R	On 14/12/2018	Foreign Exchange Future	12.00	Put	0.00000	0.00000	0.00000	0.000	31.62	0.00	0.00	0	174,530.00
\$ / R	On 14/12/2018	Foreign Exchange Future	12.02	Put	0.00000	0.00000	0.00000	0.000	31.83	0.00	0.00	0	5,500.00
\$ / R	On 14/12/2018	Foreign Exchange Future	12.10	Put	0.00000	0.00000	0.00000	0.000	32.65	0.00	0.00	0	8,580.00
\$ / R	On 14/12/2018	Foreign Exchange Future	12.20	Put	0.00000	0.00000	0.00000	0.000	33.68	0.00	0.00	0	7,300.00
\$ / R	On 14/12/2018	Foreign Exchange Future	12.25	Put	0.00000	0.00000	0.00000	0.000	34.20	0.00	0.00	0	3,300.00
\$ / R	On 14/12/2018	Foreign Exchange Future	12.38	Put	0.00000	0.00000	0.00000	0.000	35.54	0.00	0.00	0	39,589.00
\$ / R	On 14/12/2018	Foreign Exchange Future	12.50	Put	0.00020	0.00000	0.00010	0.000	36.78	0.00	0.00	0	26,400.00
\$ / R	On 14/12/2018	Foreign Exchange Future	12.50	Call	1,664.40020	1.66440	1,860.00010	1.86000	36.78	1.00	0.00	0	228,616.00
\$ / R	On 14/12/2018	Foreign Exchange Future	12.63	Put	0.00200	0.00000	0.00130	0.00000	38.12	0.00	0.00	0	39,589.00
\$ / R	On 14/12/2018	Foreign Exchange Future	12.68	Put	0.00480	0.00000	0.00300	0.00000	38.64	0.00	0.00	0	10,000.00
\$ / R	On 14/12/2018	Foreign Exchange Future	12.75	Put	0.01460	0.00001	0.00840	0.00001	39.36	0.00	0.00	0	1,000.00

Contract Details			Strike	Call / Put	MTM Yield	Mark Price	Spot Rate	Previous MTM	Previous Price	Premium On Option	Volatility	Delta	Delta Value	Contracts Traded	Open Interest
\$ / R	On 14/12/2018	Foreign Exchange Future	12.95	Put	0.04760	0.00005		0.07860	0.00008	0.048	36.74	0.00	0.00	0	500.00
\$ / R	On 14/12/2018	Foreign Exchange Future	13.00	Put	0.06430	0.00006		0.10410	0.00010	0.064	36.09	0.00	0.00	0	72,280.00
\$ / R	On 14/12/2018	Foreign Exchange Future	13.00	Call	1,164.46430	1.16446	1,360.10410	1.36010	1,164.464	36.09	1.00	0.00	0.00	0	4,500.00
\$ / R	On 14/12/2018	Foreign Exchange Future	13.05	Put	0.08710	0.00009		0.13790	0.00014	0.087	35.43	0.00	0.00	0	1,500.00
\$ / R	On 14/12/2018	Foreign Exchange Future	13.10	Put	0.11820	0.00012		0.18260	0.00018	0.118	34.77	0.00	0.00	0	11,300.00
\$ / R	On 14/12/2018	Foreign Exchange Future	13.20	Call	964.61960	0.96462	1,160.32020	1.16032	964.620	33.46	1.00	0.00	0.00	0	5,000.00
\$ / R	On 14/12/2018	Foreign Exchange Future	13.22	Put	0.24880	0.00025		0.35820	0.00036	0.249	33.19	0.00	0.00	0	5,500.00
\$ / R	On 14/12/2018	Foreign Exchange Future	13.25	Put	0.30030	0.00030		0.42370	0.00042	0.300	32.80	0.00	0.00	0	17,800.00
\$ / R	On 14/12/2018	Foreign Exchange Future	13.25	Call	914.70030	0.91470	1,110.42370	1.11042	914.700	32.80	1.00	0.00	0.00	0	10,000.00
\$ / R	On 14/12/2018	Foreign Exchange Future	13.32	Put	0.46720	0.00047		0.62670	0.00063	0.467	31.88	0.00	0.00	0	13,650.00
\$ / R	On 14/12/2018	Foreign Exchange Future	13.33	Put	0.49780	0.00050		0.66270	0.00066	0.498	31.75	0.00	0.00	0	135,000.00
\$ / R	On 14/12/2018	Foreign Exchange Future	13.45	Call	715.47250	0.71547	911.29130	0.91129	715.473	30.17	0.99	0.00	0.00	0	500.00
\$ / R	On 14/12/2018	Foreign Exchange Future	13.45	Put	1.07250	0.00107		1.29130	0.00129	1.073	30.17	0.01	0.00	0	4,080.00
\$ / R	On 14/12/2018	Foreign Exchange Future	13.50	Put	1.51670	0.00152		1.70180	0.00170	1.517	29.61	0.01	0.00	0	29,800.00
\$ / R	On 14/12/2018	Foreign Exchange Future	13.50	Call	665.91670	0.66592	861.70180	0.86170	665.917	29.61	0.99	0.00	0.00	0	228,616.00
\$ / R	On 14/12/2018	Foreign Exchange Future	13.60	Put	3.01270	0.00301		2.94270	0.00294	3.013	28.50	0.03	0.00	0	68,500.00
\$ / R	On 14/12/2018	Foreign Exchange Future	13.68	Put	5.16830	0.00517		4.56860	0.00457	5.168	27.61	0.04	0.00	0	13,150.00
\$ / R	On 14/12/2018	Foreign Exchange Future	13.70	Put	5.90520	0.00591		5.10870	0.00511	5.905	27.39	0.05	0.00	0	7,300.00
\$ / R	On 14/12/2018	Foreign Exchange Future	13.75	Put	8.21200	0.00821		6.73550	0.00674	8.212	26.83	0.07	0.00	0	700.00
\$ / R	On 14/12/2018	Foreign Exchange Future	13.79	Put	10.64900	0.01065		8.37590	0.00838	10.649	26.38	0.08	0.00	0	10,000.00
\$ / R	On 14/12/2018	Foreign Exchange Future	13.80	Put	11.35680	0.01136		8.84070	0.00884	11.357	26.27	0.09	0.00	0	500.00
\$ / R	On 14/12/2018	Foreign Exchange Future	13.80	Call	375.75680	0.37576	568.84070	0.56884	375.757	26.27	0.91	0.00	0.00	0	500.00
\$ / R	On 14/12/2018	Foreign Exchange Future	13.90	Put	21.28400	0.02128		15.00710	0.01501	21.284	25.16	0.15	0.00	0	35,000.00
\$ / R	On 14/12/2018	Foreign Exchange Future	13.95	Call	243.18480	0.24318	429.39300	0.42939	243.185	24.60	0.80	0.00	0.00	0	39,589.00
\$ / R	On 14/12/2018	Foreign Exchange Future	14.00	Put	38.55890	0.03856		24.91120	0.02491	38.559	24.04	0.25	0.00	0	53,250.00
\$ / R	On 14/12/2018	Foreign Exchange Future	14.00	Call	202.95890	0.20296	384.91120	0.38491	202.959	24.04	0.75	0.00	0.00	0	20,000.00
\$ / R	On 14/12/2018	Foreign Exchange Future	14.10	Put	66.92420	0.06692		40.30320	0.04030	66.924	22.93	0.39	0.00	0	1,867.00
\$ / R	On 14/12/2018	Foreign Exchange Future	14.12	Put	74.28270	0.07428		44.22410	0.04422	74.283	22.71	0.42	0.00	0	4,372.00
\$ / R	On 14/12/2018	Foreign Exchange Future	14.13	Call	112.59720	0.11260	276.30470	0.27630	112.597	22.60	0.56	0.00	0.00	0	20,000.00
\$ / R	On 14/12/2018	Foreign Exchange Future	14.15	Put	86.51370	0.08651		50.71790	0.05072	86.514	22.37	0.47	0.00	0	115,000.00
\$ / R	On 14/12/2018	Foreign Exchange Future	14.16	Put	91.99560	0.09200		53.05530	0.05306	91.996	22.52	0.49	0.00	0	36,200.00
\$ / R	On 14/12/2018	Foreign Exchange Future	14.20	Call	79.98920	0.07999	223.33220	0.22333	79.989	23.10	0.45	0.00	0.00	0	51,000.00
\$ / R	On 14/12/2018	Foreign Exchange Future	14.20	Put	115.58920	0.11559		63.33220	0.06333	115.589	23.10	0.56	0.00	0	13,650.00
\$ / R	On 14/12/2018	Foreign Exchange Future	14.24	Put	141.66920	0.14167		75.20680	0.07521	141.669	23.68	0.62	0.00	0	24,570.00
\$ / R	On 14/12/2018	Foreign Exchange Future	14.25	Call	62.94700	0.06295	188.44230	0.18844	62.947	23.83	0.37	0.00	0.00	0	51,000.00
\$ / R	On 14/12/2018	Foreign Exchange Future	14.30	Put	184.86520	0.18487		96.32850	0.09633	184.865	24.56	0.70	0.00	0	35,000.00
\$ / R	On 14/12/2018	Foreign Exchange Future	14.33	Put	208.04520	0.20805		108.49920	0.10850	208.045	24.99	0.73	0.00	0	31,047.00
\$ / R	On 14/12/2018	Foreign Exchange Future	14.33	Call	42.44520	0.04245	138.49920	0.13850	42.445	24.99	0.27	0.00	0.00	0	100.00
\$ / R	On 14/12/2018	Foreign Exchange Future	14.35	Put	224.00780	0.22401		117.24180	0.11724	224.008	25.28	0.75	0.00	0	4,428.00
\$ / R	On 14/12/2018	Foreign Exchange Future	14.35	Call	38.40780	0.03841	127.24180	0.12724	38.408	25.28	0.25	0.00	0.00	0	500.00
\$ / R	On 14/12/2018	Foreign Exchange Future	14.39	Put	257.01520	0.25702		140.09060	0.14009	257.015	25.86	0.79	0.00	0	1,000.00
\$ / R	On 14/12/2018	Foreign Exchange Future	14.40	Call	29.87120	0.02987	106.11840	0.10612	29.871	26.01	0.20	0.00	0.00	0	100,000.00
\$ / R	On 14/12/2018	Foreign Exchange Future	14.44	Call	24.40860	0.02441	91.42440	0.09142	24.409	26.59	0.17	0.00	0.00	0	11,300.00
\$ / R	On 14/12/2018	Foreign Exchange Future	14.50	Call	18.02800	0.01803	72.71240	0.07271	18.028	27.47	0.13	0.00	0.00	0	13,700.00

Contract Details			Strike	Call / Put	MTM	Yield	Mark Price	Spot Rate	Previous MTM	Previous Price	Premium On Option	Volatility	Delta	Delta Value	Contracts Traded	Open Interest
\$ / R	On 14/12/2018	Foreign Exchange Future	14.50	Put	353.62800	0.35363	212.71240	0.21271	353.628	27.47	0.87	0.00	0	15,500.00		
\$ / R	On 14/12/2018	Foreign Exchange Future	14.51	Put	362.74190	0.36274	219.95010	0.21995	362.742	27.61	0.88	0.00	0	3,388.00		
\$ / R	On 14/12/2018	Foreign Exchange Future	14.60	Put	446.52190	0.44652	289.07850	0.28908	446.522	28.92	0.92	0.00	0	1,000.00		
\$ / R	On 14/12/2018	Foreign Exchange Future	14.60	Call	10.92190	0.01092	49.07850	0.04908	10.922	28.92	0.08	0.00	0	81,900.00		
\$ / R	On 14/12/2018	Foreign Exchange Future	14.61	Call	10.39290	0.01039	47.15820	0.04716	10.393	29.07	0.08	0.00	0	1,500.00		
\$ / R	On 14/12/2018	Foreign Exchange Future	14.62	Call	9.89060	0.00989	45.30850	0.04531	9.891	29.21	0.07	0.00	0	5,500.00		
\$ / R	On 14/12/2018	Foreign Exchange Future	14.67	Put	513.33390	0.51333	347.05040	0.34705	513.334	29.94	0.94	0.00	0	3,000.00		
\$ / R	On 14/12/2018	Foreign Exchange Future	14.70	Call	6.68320	0.00668	32.81160	0.03281	6.683	30.37	0.05	0.00	0	70,000.00		
\$ / R	On 14/12/2018	Foreign Exchange Future	14.74	Put	581.11210	0.58111	407.88640	0.40789	581.112	30.96	0.96	0.00	0	13,150.00		
\$ / R	On 14/12/2018	Foreign Exchange Future	14.75	Put	590.85500	0.59086	416.77320	0.41677	590.855	31.10	0.96	0.00	0	700.00		
\$ / R	On 14/12/2018	Foreign Exchange Future	14.75	Call	5.25500	0.00526	26.77320	0.02677	5.255	31.10	0.04	0.00	0	127,100.00		
\$ / R	On 14/12/2018	Foreign Exchange Future	14.80	Put	639.74850	0.63975	461.83180	0.46183	639.748	31.83	0.97	0.00	0	135,000.00		
\$ / R	On 14/12/2018	Foreign Exchange Future	14.80	Call	4.14850	0.00415	21.83180	0.02183	4.149	31.83	0.03	0.00	0	400.00		
\$ / R	On 14/12/2018	Foreign Exchange Future	14.82	Call	3.77860	0.00378	20.11910	0.02012	3.779	32.12	0.03	0.00	0	250.00		
\$ / R	On 14/12/2018	Foreign Exchange Future	14.84	Call	3.44410	0.00344	18.54100	0.01854	3.444	32.41	0.03	0.00	0	1,000.00		
\$ / R	On 14/12/2018	Foreign Exchange Future	14.85	Call	3.28900	0.00329	17.79900	0.01780	3.289	32.56	0.03	0.00	0	50,000.00		
\$ / R	On 14/12/2018	Foreign Exchange Future	14.90	Put	738.04800	0.73805	554.51510	0.55452	738.048	32.95	0.98	0.00	0	35,000.00		
\$ / R	On 14/12/2018	Foreign Exchange Future	15.00	Put	836.94640	0.83695	649.67510	0.64968	836.946	33.72	0.99	0.00	0	10,000.00		
\$ / R	On 14/12/2018	Foreign Exchange Future	15.00	Call	1.34640	0.00135	9.67510	0.00968	1.346	33.72	0.01	0.00	0	101,333.00		
\$ / R	On 14/12/2018	Foreign Exchange Future	15.01	Call	1.26780	0.00127	9.29270	0.00929	1.268	33.80	0.01	0.00	0	10,000.00		
\$ / R	On 14/12/2018	Foreign Exchange Future	15.09	Call	0.78250	0.00078	6.84440	0.00684	0.783	34.42	0.01	0.00	0	500.00		
\$ / R	On 14/12/2018	Foreign Exchange Future	15.10	Call	0.73660	0.00074	6.60300	0.00660	0.737	34.49	0.01	0.00	0	500.00		
\$ / R	On 14/12/2018	Foreign Exchange Future	15.15	Call	0.54430	0.00054	5.52880	0.00553	0.544	34.88	0.00	0.00	0	27,030.00		
\$ / R	On 14/12/2018	Foreign Exchange Future	15.20	Call	0.40210	0.00040	4.64550	0.00465	0.402	35.27	0.00	0.00	0	50.00		
\$ / R	On 14/12/2018	Foreign Exchange Future	15.20	Put	1,036.00210	1.03600	844.64550	0.84465	1,036.002	35.27	1.00	0.00	0	50.00		
\$ / R	On 14/12/2018	Foreign Exchange Future	15.25	Put	1,085.89700	1.08590	893.91710	0.89392	1,085.897	35.65	1.00	0.00	0	500.00		
\$ / R	On 14/12/2018	Foreign Exchange Future	15.30	Put	1,135.81950	1.13582	943.31500	0.94332	1,135.819	36.04	1.00	0.00	0	35,000.00		
\$ / R	On 14/12/2018	Foreign Exchange Future	15.37	Call	0.14400	0.00014	2.64030	0.00264	0.144	36.58	0.00	0.00	0	4,372.00		
\$ / R	On 14/12/2018	Foreign Exchange Future	15.46	Call	0.08390	0.00008	1.99160	0.00199	0.084	37.28	0.00	0.00	0	1,867.00		
\$ / R	On 14/12/2018	Foreign Exchange Future	15.48	Call	0.07450	0.00007	1.87370	0.00187	0.075	37.43	0.00	0.00	0	29,600.00		
\$ / R	On 14/12/2018	Foreign Exchange Future	15.50	Put	1,335.66610	1.33567	1,141.76380	1.14176	1,335.666	37.59	1.00	0.00	0	600.00		
\$ / R	On 14/12/2018	Foreign Exchange Future	15.50	Call	0.06610	0.00007	1.76380	0.00176	0.066	37.59	0.00	0.00	0	5,000.00		
\$ / R	On 14/12/2018	Foreign Exchange Future	15.51	Call	0.06230	0.00006	1.71160	0.00171	0.062	37.67	0.00	0.00	0	24,570.00		
\$ / R	On 14/12/2018	Foreign Exchange Future	15.59	Call	0.04660	0.00005	1.35340	0.00135	0.047	38.79	0.00	0.00	0	31,047.00		
\$ / R	On 14/12/2018	Foreign Exchange Future	15.60	Call	0.04600	0.00005	1.31510	0.00132	0.046	38.99	0.00	0.00	0	500.00		
\$ / R	On 14/12/2018	Foreign Exchange Future	15.61	Call	0.04540	0.00005	1.27810	0.00128	0.045	39.19	0.00	0.00	0	4,428.00		
\$ / R	On 14/12/2018	Foreign Exchange Future	15.70	Call	0.04060	0.00004	0.99480	0.00099	0.041	41.01	0.00	0.00	0	7,500.00		
\$ / R	On 14/12/2018	Foreign Exchange Future	15.73	Call	0.03930	0.00004	0.91740	0.00092	0.039	41.62	0.00	0.00	0	135,000.00		
\$ / R	On 14/12/2018	Foreign Exchange Future	15.84	Put	1,675.63520	1.67564	1,480.66990	1.48067	1,675.635	43.84	1.00	0.00	0	2,000.00		
\$ / R	On 14/12/2018	Foreign Exchange Future	15.85	Call	0.03490	0.00003	0.64860	0.00065	0.035	44.04	0.00	0.00	0	17,300.00		
\$ / R	On 14/12/2018	Foreign Exchange Future	15.91	Call	0.03310	0.00003	0.53570	0.00054	0.033	45.25	0.00	0.00	0	1,406.00		
\$ / R	On 14/12/2018	Foreign Exchange Future	16.00	Call	0.03090	0.00003	0.40460	0.00040	0.031	47.07	0.00	0.00	0	5,000.00		
\$ / R	On 14/12/2018	Foreign Exchange Future	16.11	Call	0.02880	0.00003	0.29020	0.00029	0.029	49.29	0.00	0.00	0	38,250.00		
\$ / R	On 14/12/2018	Foreign Exchange Future	16.14	Call	0.02830	0.00003	0.26560	0.00027	0.028	49.89	0.00	0.00	0	10,000.00		

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\$ / R	On 14/12/2018	Foreign Exchange Future	16.20	Call	0.02740	0.00003	0.22310	0.00022	0.027	51.11	0.00	0.00	0	2,000.00
\$ / R	On 14/12/2018	Foreign Exchange Future	16.24	Call	0.02690	0.00003	0.19900	0.00020	0.027	51.91	0.00	0.00	0	750.00
\$ / R	On 14/12/2018	Foreign Exchange Future	16.56	Call	0.02420	0.00002	0.08420	0.00008	0.024	58.37	0.00	0.00	0	13,650.00
\$ / R	On 14/12/2018	Foreign Exchange Future	16.80	Call	0.02330	0.00002	0.04700	0.00005	0.023	63.22	0.00	0.00	0	13,150.00
\$ / R	On 14/12/2018	Foreign Exchange Future	17.00	Call	0.02310	0.00002	0.03010	0.00003	0.023	67.26	0.00	0.00	0	3,700.00
\$ / R	On 20/12/2018	Any day expiry			14.17110	14.17110	14.36790	14.36790		19.83	0.00	0.00	0	0.00
\$ / R	On 20/12/2018	Any day expiry	13.90	Put	62.13680	0.06214	31.17580	0.03118	62.137	19.67	0.25	0.00	0	35,000.00
\$ / R	On 20/12/2018	Any day expiry	13.98	Put	85.83340	0.08583	46.16260	0.04616	85.833	19.73	0.32	0.00	0	18,000.00
\$ / R	On 20/12/2018	Any day expiry	14.30	Put	244.04590	0.24405	156.04020	0.15604	244.046	20.45	0.61	0.00	0	35,000.00
\$ / R	On 20/12/2018	Any day expiry	14.90	Put	744.53150	0.74453	577.88150	0.57788	744.531	23.07	0.93	0.00	0	35,000.00
\$ / R	On 20/12/2018	Any day expiry	15.30	Put	1,133.63430	1.13363	946.64450	0.94664	1,133.634	25.84	0.98	0.00	0	35,000.00
\$ / R	On 21/12/2018	Any day expiry			14.17200	14.17200	14.36930	14.36930		19.94	0.00	0.00	0	160.00
\$ / R	On 21/12/2018	Any day expiry	13.20	Put	2.62330	0.00262	3.61640	0.00362	2.623	21.14	0.02	0.00	0	1,000.00
\$ / R	On 21/12/2018	Any day expiry	13.30	Put	3.64730	0.00365	4.34310	0.00434	3.647	20.17	0.02	0.00	0	1,000.00
\$ / R	On 21/12/2018	Any day expiry	14.10	Put	142.14810	0.14215	83.24040	0.08324	142.148	19.85	0.43	0.00	0	25,000.00
\$ / R	On 21/12/2018	Any day expiry	14.66	Call	44.10600	0.04411	100.11990	0.10012	44.106	22.18	0.17	0.00	0	1,000.00
\$ / R	On 21/12/2018	Any day expiry	14.75	Call	33.29400	0.03329	79.52210	0.07952	33.294	22.58	0.13	0.00	0	1,000.00
\$ / R	On 31/12/2018	Any day expiry			14.18810	14.18810	14.38720	14.38720		18.58	0.00	0.00	0	1,952.00
\$ / R	On 31/12/2018	Any day expiry	13.00	Put	5.92170	0.00592	5.48720	0.00549	5.922	19.67	0.02	0.00	0	500.00
\$ / R	On 31/12/2018	Any day expiry	13.80	Put	81.26230	0.08126	49.58600	0.04959	81.262	17.57	0.24	0.00	0	1,000.00
\$ / R	On 31/12/2018	Any day expiry	14.22	Call	225.50610	0.22551	344.82400	0.34482	225.506	18.65	0.49	0.00	0	500.00
\$ / R	On 31/12/2018	Any day expiry	14.25	Put	275.06270	0.27506	190.98080	0.19098	275.063	18.77	0.53	0.00	0	250.00
\$ / R	On 31/12/2018	Any day expiry	14.96	Put	821.99140	0.82199	664.18990	0.66419	821.991	21.38	0.86	0.00	0	250.00
\$ / R	On 31/12/2018	Any day expiry	16.93	Call	0.87310	0.00087	1.82910	0.00183	0.873	28.09	0.00	0.00	0	500.00
\$ / R	On 31/12/2018	Any day expiry	17.58	Call	0.58810	0.00059	0.95880	0.00096	0.588	32.19	0.00	0.00	0	500.00
\$ / R	On 02/01/2019	Any day expiry			14.19190	14.19190	14.39080	14.39080		18.44	0.00	0.00	0	55.00
\$ / R	On 03/01/2019	Any day expiry			14.19380	14.19380	14.39260	14.39260		18.44	0.00	0.00	0	0.00
\$ / R	On 03/01/2019	Any day expiry	13.57	Put	41.22600	0.04123	28.85440	0.02885	41.226	16.95	0.14	0.00	0	600.00
\$ / R	On 03/01/2019	Any day expiry	13.93	Call	399.30490	0.39930	550.54190	0.55054	399.305	17.80	0.67	0.00	0	600.00
\$ / R	On 03/01/2019	Any day expiry	14.35	Call	194.64330	0.19464	294.75750	0.29476	194.643	18.99	0.42	0.00	0	600.00
\$ / R	On 07/01/2019	Any day expiry			14.20150	14.20150	14.39970	14.39970		18.10	0.00	0.00	0	0.00
\$ / R	On 07/01/2019	Any day expiry	13.64	Put	63.41050	0.06341	40.89940	0.04090	63.411	16.87	0.18	0.00	0	250.00
\$ / R	On 07/01/2019	Any day expiry	14.12	Call	312.96470	0.31296	440.94580	0.44095	312.965	17.93	0.56	0.00	0	250.00
\$ / R	On 07/01/2019	Any day expiry	14.65	Call	129.47280	0.12947	197.90740	0.19791	129.473	19.68	0.29	0.00	0	250.00
\$ / R	On 15/01/2019	Any day expiry			14.21660	14.21660	14.41400	14.41400		18.19	0.00	0.00	0	150.00
\$ / R	On 15/01/2019	Any day expiry	13.86	Put	151.30350	0.15130	103.00570	0.10301	151.304	17.32	0.31	0.00	0	174.00
\$ / R	On 15/01/2019	Any day expiry	14.00	Call	423.43780	0.42344	559.32050	0.55932	423.438	17.64	0.62	0.00	0	174.00
\$ / R	On 16/01/2019	Any day expiry			14.21830	14.21830	14.41580	14.41580		18.23	0.00	114,922.40	8	20.00
\$ / R	On 18/01/2019	Any day expiry			14.22170	14.22170	14.41920	14.41920		18.30	0.00	0.00	0	0.00
\$ / R	On 18/01/2019	Any day expiry	12.66	Put	4.02950	0.00403	3.91430	0.00391	4.029	16.96	0.01	0.00	0	263.00
\$ / R	On 25/01/2019	Any day expiry			14.23370	14.23370	14.43140	14.43140		18.20	0.00	0.00	0	51.00
\$ / R	On 30/01/2019	Any day expiry			14.24230	14.24230	14.44000	14.44000		18.12	0.00	0.00	0	55.00
\$ / R	On 31/01/2019	Any day expiry			14.24410	14.24410	14.44180	14.44180		18.14	0.00	0.00	0	1,655.00
\$ / R	On 31/01/2019	Any day expiry	13.00	Put	21.52460	0.02152	12.52230	0.01252	21.525	16.02	0.06	0.00	0	500.00

Contract Details	Strike	Call / Put	MTM	Yield	Mark Price	Spot Rate	Previous MTM	Previous Price	Premium On Option	Volatility	Delta	Delta Value	Contracts Traded	Open Interest
\$ / R	On 31/01/2019	Any day expiry	14.20	Put	357.17560	0.35718	273.92550	0.27393	357.176	18.04	0.47	0.00	0	250.00
\$ / R	On 31/01/2019	Any day expiry	14.25	Put	384.57350	0.38457	297.19790	0.29720	384.573	18.14	0.49	0.00	0	250.00
\$ / R	On 31/01/2019	Any day expiry	14.38	Call	326.92170	0.32692	424.50770	0.42451	326.922	18.51	0.46	0.00	0	500.00
\$ / R	On 31/01/2019	Any day expiry	15.13	Call	136.02760	0.13603	184.77610	0.18478	136.028	20.57	0.23	0.00	0	250.00
\$ / R	On 31/01/2019	Any day expiry	15.47	Call	90.31080	0.09031	124.95690	0.12496	90.311	21.40	0.16	0.00	0	250.00
\$ / R	On 13/02/2019	Any day expiry	14.26640		14.26640	14.26640	14.46430	14.46430		18.21	0.00	0.00	0	70.00
\$ / R	On 15/02/2019	Any day expiry	14.26980		14.26980	14.26980	14.46780	14.46780		18.26	0.00	0.00	0	6.00
\$ / R	On 25/02/2019	Any day expiry	14.28740		14.28740	14.28740	14.48540	14.48540		18.16	0.00	0.00	0	15.00
\$ / R	On 28/02/2019	Any day expiry	14.29260		14.29260	14.29260	14.49060	14.49060		18.22	0.00	0.00	0	5,025.00
\$ / R	On 28/02/2019	Any day expiry	13.00	Put	52.02290	0.05202	38.16640	0.03817	52.023	16.38	0.10	0.00	0	500.00
\$ / R	On 28/02/2019	Any day expiry	14.20	Put	428.86150	0.42886	343.88520	0.34389	428.862	18.04	0.45	0.00	0	250.00
\$ / R	On 28/02/2019	Any day expiry	14.25	Put	456.01990	0.45602	367.68680	0.36769	456.020	18.13	0.47	0.00	0	250.00
\$ / R	On 28/02/2019	Any day expiry	14.52	Call	392.33010	0.39233	481.91920	0.48192	392.330	18.74	0.44	0.00	0	500.00
\$ / R	On 28/02/2019	Any day expiry	15.27	Call	200.13550	0.20014	251.82020	0.25182	200.135	20.48	0.26	0.00	0	250.00
\$ / R	On 28/02/2019	Any day expiry	15.63	Call	145.12420	0.14512	184.03150	0.18403	145.124	21.28	0.19	0.00	0	250.00
\$ / R	On 04/03/2019	Any day expiry	14.29970		14.29970	14.29970	14.49770	14.49770		18.17	0.00	0.00	0	74.00
\$ / R	On 05/03/2019	Any day expiry	14.30140		14.30140	14.30140	14.49940	14.49940		18.20	0.00	0.00	0	80.00
\$ / R	On 11/03/2019	Any day expiry	14.31190		14.31190	14.31190	14.80000	14.80000		18.18	0.00	0.00	0	0.00
\$ / R	On 11/03/2019	Any day expiry	13.94	Put	324.30640	0.32431	0.00000	0.00000	324.306	17.54	0.36	148,229,400.00	27,500	27,500.00
\$ / R	On 11/03/2019	Any day expiry	15.15	Call	256.60910	0.25661	0.00000	0.00000	256.609	20.08	0.30	122,100,000.00	27,500	27,500.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.32430		14.32430	14.32430	14.52240	14.52240		18.20	0.00	1,476,992,897.30	103,111	363,984.00
\$ / R	On 18/03/2019	Foreign Exchange Future	10.33	Put	1.00780	0.00101	0.98120	0.00098	1.008	22.62	0.00	0.00	0	1,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	11.74	Put	9.31240	0.00931	8.48850	0.00849	9.312	18.92	0.02	0.00	0	1,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	12.47	Put	29.26220	0.02926	25.15480	0.02515	29.262	17.20	0.05	0.00	0	721.00
\$ / R	On 18/03/2019	Foreign Exchange Future	12.51	Put	31.09770	0.03110	26.65860	0.02666	31.098	17.11	0.06	0.00	0	720.00
\$ / R	On 18/03/2019	Foreign Exchange Future	12.80	Put	48.04570	0.04805	40.42370	0.04042	48.046	16.42	0.08	0.00	0	6,332.00
\$ / R	On 18/03/2019	Foreign Exchange Future	12.90	Put	57.70450	0.05770	46.57240	0.04657	57.704	16.35	0.10	0.00	0	16,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	12.92	Put	60.23650	0.06024	47.90410	0.04790	60.236	16.36	0.10	0.00	0	139,342.00
\$ / R	On 18/03/2019	Foreign Exchange Future	13.00	Put	71.21560	0.07122	53.59990	0.05360	71.216	16.43	0.12	0.00	0	15,434.00
\$ / R	On 18/03/2019	Foreign Exchange Future	13.05	Put	78.80170	0.07880	57.47860	0.05748	78.802	16.48	0.13	0.00	0	1,155.00
\$ / R	On 18/03/2019	Foreign Exchange Future	13.12	Put	90.40840	0.09041	66.56760	0.06657	90.408	16.53	0.14	0.00	0	138,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	13.15	Put	95.75070	0.09575	70.77730	0.07078	95.751	16.56	0.15	0.00	0	10,125.00
\$ / R	On 18/03/2019	Foreign Exchange Future	13.25	Put	115.22070	0.11522	86.25880	0.08626	115.221	16.65	0.17	0.00	0	224,707.00
\$ / R	On 18/03/2019	Foreign Exchange Future	13.33	Put	132.72480	0.13272	100.33890	0.10034	132.725	16.71	0.19	0.00	0	135,043.00
\$ / R	On 18/03/2019	Foreign Exchange Future	13.36	Put	139.74960	0.13975	106.02540	0.10603	139.750	16.74	0.20	0.00	0	134,750.00
\$ / R	On 18/03/2019	Foreign Exchange Future	13.40	Put	149.51470	0.14951	113.96610	0.11397	149.515	16.77	0.21	0.00	0	2,100.00
\$ / R	On 18/03/2019	Foreign Exchange Future	13.46	Put	165.03680	0.16504	126.66360	0.12666	165.037	16.83	0.22	0.00	0	20,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	13.50	Put	175.97940	0.17598	135.66680	0.13567	175.979	16.86	0.23	0.00	0	2,550.00
\$ / R	On 18/03/2019	Foreign Exchange Future	13.55	Put	190.33780	0.19034	147.54320	0.14754	190.338	16.90	0.25	0.00	0	10,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	13.60	Put	205.48410	0.20548	160.12510	0.16013	205.484	16.95	0.26	0.00	0	6,570.00
\$ / R	On 18/03/2019	Foreign Exchange Future	13.62	Put	212.20250	0.21220	165.35840	0.16536	212.203	16.98	0.27	0.00	0	6,432.00
\$ / R	On 18/03/2019	Foreign Exchange Future	13.68	Put	233.17790	0.23318	181.75920	0.18176	233.178	17.09	0.28	0.00	0	14,200.00
\$ / R	On 18/03/2019	Foreign Exchange Future	13.70	Put	240.44130	0.24044	187.46260	0.18746	240.441	17.13	0.29	0.00	0	2,500.00
\$ / R	On 18/03/2019	Foreign Exchange Future	13.72	Put	247.84090	0.24784	193.28550	0.19329	247.841	17.16	0.30	0.00	0	10,000.00

Contract Details	Strike	Call / Put	MTM	Yield	Mark Price	Spot Rate	Previous MTM	Previous Price	Premium On Option	Volatility	Delta	Delta Value	Contracts Traded	Open Interest
\$ / R	On 18/03/2019	Foreign Exchange Future	13.75	Put	259.19310	0.25919	202.24680	0.20225	259.193	17.21	0.31	0.00	0	17,981.00
\$ / R	On 18/03/2019	Foreign Exchange Future	13.79	Put	274.80940	0.27481	214.61850	0.21462	274.809	17.29	0.32	0.00	0	262,812.00
\$ / R	On 18/03/2019	Foreign Exchange Future	13.85	Put	299.25410	0.29925	235.19980	0.23520	299.254	17.39	0.34	4,861,179.95	1,000	1,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	13.86	Put	303.44430	0.30344	238.78180	0.23878	303.444	17.41	0.34	0.00	0	721.00
\$ / R	On 18/03/2019	Foreign Exchange Future	13.90	Put	320.55420	0.32055	253.43420	0.25343	320.554	17.48	0.35	0.00	0	720.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.00	Call	689.97950	0.68998	814.79370	0.81479	689.979	17.66	0.62	0.00	0	100.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.00	Put	365.67950	0.36568	292.39370	0.29239	365.679	17.66	0.38	0.00	0	27,406.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.04	Put	384.66300	0.38466	308.90740	0.30891	384.663	17.73	0.40	0.00	0	7,100.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.20	Call	590.10720	0.59011	702.61890	0.70262	590.107	18.02	0.56	0.00	0	2,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.25	Call	567.13470	0.56713	676.60970	0.67661	567.135	18.11	0.54	0.00	0	750.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.28	Put	509.42560	0.50943	418.98750	0.41899	509.426	18.16	0.47	0.00	0	7,028.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.30	Call	544.93910	0.54494	651.39900	0.65140	544.939	18.20	0.53	0.00	0	250.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.35	Put	549.76140	0.54976	454.57690	0.45458	549.761	18.31	0.49	0.00	0	139,342.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.42	Put	591.78060	0.59178	491.69100	0.49169	591.781	18.46	0.51	0.00	0	2,100.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.44	Put	604.04890	0.60405	502.57100	0.50257	604.049	18.50	0.51	0.00	0	7,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.45	Put	610.22440	0.61022	508.05490	0.50805	610.224	18.52	0.52	0.00	0	1,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.46	Call	480.73130	0.48073	575.96910	0.57597	480.731	18.55	0.48	0.00	0	6,332.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.48	Call	473.22380	0.47322	567.09010	0.56709	473.224	18.59	0.47	0.00	0	1,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.50	Call	465.83100	0.46583	558.33010	0.55833	465.831	18.63	0.47	0.00	0	224,707.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.50	Put	641.53100	0.64153	535.93010	0.53593	641.531	18.63	0.53	0.00	0	15,050.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.53	Put	660.64740	0.66065	553.33800	0.55334	660.647	18.70	0.54	0.00	0	108.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.56	Put	680.00550	0.68001	571.00900	0.57101	680.006	18.76	0.55	0.00	0	138,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.65	Put	739.51610	0.73952	625.56950	0.62557	739.516	18.96	0.57	0.00	0	10,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.74	Put	801.07840	0.80108	682.36850	0.68237	801.078	19.15	0.60	0.00	0	24,326.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.80	Call	367.50830	0.36751	443.83170	0.44383	367.508	19.28	0.39	0.00	0	2,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.81	Put	850.31060	0.85031	728.03190	0.72803	850.311	19.31	0.61	0.00	0	135,043.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.82	Put	857.43880	0.85744	734.65750	0.73466	857.439	19.33	0.62	0.00	0	4,145.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.83	Put	864.58680	0.86459	741.30830	0.74131	864.587	19.35	0.62	0.00	0	10,010.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.84	Put	871.75760	0.87176	747.98430	0.74798	871.758	19.37	0.62	0.00	0	134,750.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.00	Call	313.75930	0.31376	380.49640	0.38050	313.759	19.72	0.34	0.00	0	1,260.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.04	Put	1,019.68850	1.01969	886.55210	0.88655	1,019.689	19.81	0.67	0.00	0	63,500.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.10	Put	1,065.61470	1.06561	929.89730	0.92990	1,065.615	19.93	0.68	0.00	0	1,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.12	Put	1,081.07590	1.08108	944.51600	0.94452	1,081.076	19.98	0.68	0.00	0	99,824.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.13	Put	1,088.83430	1.08883	951.85670	0.95186	1,088.834	20.00	0.69	0.00	0	7,100.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.17	Call	274.35000	0.27435	333.82640	0.33383	274.350	20.08	0.31	0.00	0	720.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.19	Put	1,135.76530	1.13577	996.33310	0.99633	1,135.765	20.13	0.70	0.00	0	41,300.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.20	Put	1,143.64930	1.14365	1,003.81650	1.00382	1,143.649	20.15	0.70	0.00	0	2,500.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.22	Call	263.76690	0.26377	321.24260	0.32124	263.767	20.19	0.30	0.00	0	2,785.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.25	Call	257.62540	0.25763	313.92800	0.31393	257.625	20.26	0.29	0.00	0	1,500.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.32	Put	1,239.57630	1.23958	1,095.11640	1.09512	1,239.576	20.41	0.72	0.00	0	262,812.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.40	Call	229.11120	0.22911	279.85210	0.27985	229.111	20.58	0.26	0.00	0	2,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.45	Call	220.37330	0.22037	269.37460	0.26937	220.373	20.69	0.25	0.00	0	20,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.46	Call	218.66920	0.21867	267.33030	0.26733	218.669	20.71	0.25	0.00	0	108.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.50	Call	211.99150	0.21199	259.31130	0.25931	211.992	20.79	0.25	0.00	0	224,757.00

Contract Details	Strike	Call / Put	MTM	Yield	Mark Price	Spot Rate	Previous MTM	Previous Price	Premium On Option	Volatility	Delta	Delta Value	Contracts Traded	Open Interest
\$ / R	On 18/03/2019	Foreign Exchange Future	15.52	Call	208.73690	0.20874	255.39810	0.25540	208.737	20.84	0.24	0.00	0	1.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.54	Call	205.53650	0.20554	251.54780	0.25155	205.537	20.88	0.24	0.00	0	721.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.66	Call	187.42170	0.18742	229.71660	0.22972	187.422	21.14	0.22	0.00	0	139,342.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.81	Call	166.77950	0.16678	205.26700	0.20527	166.780	21.44	0.20	0.00	0	10.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.83	Call	164.13320	0.16413	202.22740	0.20223	164.133	21.48	0.20	0.00	0	135,043.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.89	Call	156.46110	0.15646	193.40390	0.19340	156.461	21.58	0.19	0.00	0	4,145.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.98	Call	145.65620	0.14566	180.72580	0.18073	145.656	21.75	0.18	0.00	0	2,100.00
\$ / R	On 18/03/2019	Foreign Exchange Future	16.00	Call	143.36400	0.14336	177.93370	0.17793	143.364	21.78	0.18	0.00	0	1,906.00
\$ / R	On 18/03/2019	Foreign Exchange Future	16.13	Call	129.38040	0.12938	160.85860	0.16086	129.380	22.02	0.16	0.00	0	138,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	16.30	Call	113.27300	0.11327	141.11460	0.14111	113.273	22.32	0.14	0.00	0	10,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	16.38	Call	106.45890	0.10646	132.73710	0.13274	106.459	22.47	0.13	0.00	0	134,750.00
\$ / R	On 18/03/2019	Foreign Exchange Future	16.58	Call	91.31750	0.09132	114.06350	0.11406	91.318	22.83	0.12	0.00	0	10,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	16.60	Call	89.93880	0.08994	112.36030	0.11236	89.939	22.86	0.12	0.00	0	50.00
\$ / R	On 18/03/2019	Foreign Exchange Future	16.96	Call	68.71920	0.06872	86.04410	0.08604	68.719	23.51	0.09	0.00	0	12,600.00
\$ / R	On 18/03/2019	Foreign Exchange Future	16.97	Call	68.21610	0.06822	85.41920	0.08542	68.216	23.53	0.09	0.00	0	63,500.00
\$ / R	On 18/03/2019	Foreign Exchange Future	17.02	Call	65.76360	0.06576	82.36620	0.08237	65.764	23.62	0.09	0.00	0	262,812.00
\$ / R	On 18/03/2019	Foreign Exchange Future	17.08	Call	62.95300	0.06295	78.86420	0.07886	62.953	23.73	0.08	0.00	0	7,028.00
\$ / R	On 18/03/2019	Foreign Exchange Future	17.09	Call	62.49760	0.06250	78.29640	0.07830	62.498	23.75	0.08	0.00	0	99,824.00
\$ / R	On 18/03/2019	Foreign Exchange Future	17.10	Call	62.04600	0.06205	77.73440	0.07773	62.046	23.76	0.08	0.00	0	2,500.00
\$ / R	On 18/03/2019	Foreign Exchange Future	17.23	Call	56.84290	0.05684	70.82100	0.07082	56.843	24.03	0.08	0.00	0	41,300.00
\$ / R	On 18/03/2019	Foreign Exchange Future	17.30	Call	54.36990	0.05437	67.39110	0.06739	54.370	24.19	0.07	0.00	0	10,125.00
\$ / R	On 18/03/2019	Foreign Exchange Future	17.50	Call	48.01940	0.04802	59.00550	0.05901	48.019	24.63	0.06	0.00	0	16,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	18.00	Call	35.85720	0.03586	43.81330	0.04381	35.857	25.73	0.05	0.00	0	14,200.00
\$ / R	On 18/03/2019	Foreign Exchange Future	18.40	Call	28.92400	0.02892	35.15690	0.03516	28.924	26.61	0.04	0.00	0	7,100.00
\$ / R	On 27/03/2019	Any day expiry			14.34030	14.34030	14.53860	14.53860		18.32	0.00	0.00	0	3,731.00
\$ / R	On 27/03/2019	Any day expiry	13.88	Put	328.26950	0.32827	261.60770	0.26161	328.269	17.45	0.35	0.00	0	32,000.00
\$ / R	On 27/03/2019	Any day expiry	14.00	Put	382.64500	0.38264	308.72470	0.30872	382.645	17.68	0.38	0.00	0	65,000.00
\$ / R	On 29/03/2019	Any day expiry			14.34390	14.34390	14.54220	14.54220		18.35	0.00	0.00	0	4,356.00
\$ / R	On 29/03/2019	Any day expiry	13.00	Put	82.68500	0.08268	64.68110	0.06468	82.685	16.45	0.13	0.00	0	500.00
\$ / R	On 29/03/2019	Any day expiry	14.20	Put	487.82360	0.48782	401.72660	0.40173	487.824	18.07	0.44	0.00	0	250.00
\$ / R	On 29/03/2019	Any day expiry	14.25	Put	514.93150	0.51493	425.88830	0.42589	514.932	18.16	0.45	0.00	0	250.00
\$ / R	On 29/03/2019	Any day expiry	14.67	Call	446.80140	0.44680	531.08330	0.53108	446.801	19.02	0.43	0.00	0	500.00
\$ / R	On 29/03/2019	Any day expiry	15.43	Call	255.99420	0.25599	308.11020	0.30811	255.994	20.61	0.27	0.00	0	250.00
\$ / R	On 29/03/2019	Any day expiry	15.79	Call	197.97540	0.19798	239.12450	0.23912	197.975	21.36	0.22	0.00	0	250.00
\$ / R	On 02/04/2019	Any day expiry			14.35100	14.35100	14.54940	14.54940		18.31	0.00	0.00	0	55.00
\$ / R	On 05/04/2019	Any day expiry			14.35630	14.35630	14.55480	14.55480		18.35	0.00	0.00	0	0.00
\$ / R	On 05/04/2019	Any day expiry	13.76	Put	294.35560	0.29436	234.42870	0.23443	294.356	17.27	0.31	0.00	0	100.00
\$ / R	On 05/04/2019	Any day expiry	14.35	Call	590.03820	0.59004	693.65830	0.69366	590.038	18.35	0.52	0.00	0	100.00
\$ / R	On 26/04/2019	Any day expiry			14.39360	14.39360	14.59250	14.59250		18.39	0.00	0.00	0	0.00
\$ / R	On 30/04/2019	Any day expiry			14.40070	14.40070	14.59970	14.59970		18.36	0.00	0.00	0	1,580.00
\$ / R	On 30/04/2019	Any day expiry	13.00	Put	112.97400	0.11297	90.71410	0.09071	112.974	16.41	0.14	0.00	0	3,000.00
\$ / R	On 30/04/2019	Any day expiry	13.49	Call	1,145.17760	1.14518	1,297.23320	1.29723	1,145.178	16.89	0.75	0.00	0	2,500.00
\$ / R	On 30/04/2019	Any day expiry	14.20	Put	538.08000	0.53808	451.11230	0.45111	538.080	18.00	0.43	0.00	0	250.00
\$ / R	On 30/04/2019	Any day expiry	14.25	Put	565.12890	0.56513	475.53000	0.47553	565.129	18.09	0.44	0.00	0	250.00

Contract Details	Strike	Call / Put	MTM	Yield	Mark Price	Spot Rate	Previous MTM	Previous Price	Premium On Option	Volatility	Delta	Delta Value	Contracts Traded	Open Interest
\$ / R	On 30/04/2019	Any day expiry	14.84	Call	492.97580	0.49298	573.07950	0.57308	492.976	19.20	0.42	0.00	0	500.00
\$ / R	On 30/04/2019	Any day expiry	15.61	Call	305.86500	0.30587	357.99880	0.35800	305.865	20.68	0.29	0.00	0	250.00
\$ / R	On 30/04/2019	Any day expiry	15.96	Call	247.08150	0.24708	291.26880	0.29127	247.082	21.31	0.24	0.00	0	250.00
\$ / R	On 31/05/2019	Any day expiry			14.45580	14.45580	14.65540	14.65540		18.41	0.00	0.00	0	875.00
\$ / R	On 31/05/2019	Any day expiry	13.00	Put	141.78800	0.14179	115.12640	0.11513	141.788	16.44	0.16	0.00	0	500.00
\$ / R	On 31/05/2019	Any day expiry	14.20	Put	580.25060	0.58025	492.91350	0.49291	580.251	17.97	0.42	0.00	0	250.00
\$ / R	On 31/05/2019	Any day expiry	14.25	Put	607.21320	0.60721	517.48140	0.51748	607.213	18.06	0.43	0.00	0	250.00
\$ / R	On 31/05/2019	Any day expiry	15.01	Call	531.09160	0.53109	608.07300	0.60807	531.092	19.39	0.41	0.00	0	500.00
\$ / R	On 31/05/2019	Any day expiry	15.79	Call	348.43380	0.34843	400.01920	0.40002	348.434	20.80	0.29	0.00	0	250.00
\$ / R	On 31/05/2019	Any day expiry	16.15	Call	286.27150	0.28627	331.91070	0.33191	286.272	21.35	0.25	0.00	0	250.00
\$ / R	On 03/06/2019	Any day expiry			14.46110	14.46110	14.66080	14.66080		18.37	0.00	0.00	0	0.00
\$ / R	On 04/06/2019	Any day expiry			14.46290	14.46290	14.66260	14.66260		18.38	0.00	0.00	0	74.00
\$ / R	On 14/06/2019	Foreign Exchange Future			14.48070	14.48070	14.68070	14.68070		18.47	0.00	0.00	0	41,666.00
\$ / R	On 14/06/2019	Foreign Exchange Future	10.69	Put	5.56140	0.00556	5.61510	0.00562	5.561	18.41	0.01	0.00	0	1,000.00
\$ / R	On 14/06/2019	Foreign Exchange Future	12.28	Put	49.11780	0.04912	38.82000	0.03882	49.118	15.97	0.07	0.00	0	1,000.00
\$ / R	On 14/06/2019	Foreign Exchange Future	12.75	Put	107.86630	0.10787	86.19580	0.08620	107.866	16.30	0.12	0.00	0	1,000.00
\$ / R	On 14/06/2019	Foreign Exchange Future	12.98	Put	150.49630	0.15050	121.21880	0.12122	150.496	16.47	0.16	0.00	0	911.00
\$ / R	On 14/06/2019	Foreign Exchange Future	13.00	Put	154.69490	0.15469	124.69340	0.12469	154.695	16.48	0.16	0.00	0	8,203.00
\$ / R	On 14/06/2019	Foreign Exchange Future	13.24	Put	213.35360	0.21335	172.20940	0.17221	213.354	16.71	0.21	0.00	0	30,000.00
\$ / R	On 14/06/2019	Foreign Exchange Future	13.83	Put	416.87260	0.41687	349.45200	0.34945	416.873	17.33	0.33	8,789,309.31	1,835	25,000.00
\$ / R	On 14/06/2019	Foreign Exchange Future	13.88	Put	439.25160	0.43925	368.24970	0.36825	439.252	17.41	0.34	0.00	0	5,035.00
\$ / R	On 14/06/2019	Foreign Exchange Future	13.98	Call	986.61320	0.98661	1,109.10430	1.10910	986.613	17.59	0.63	0.00	0	1,000.00
\$ / R	On 14/06/2019	Foreign Exchange Future	14.42	Call	780.73650	0.78074	883.05460	0.88305	780.736	18.34	0.54	0.00	0	30.00
\$ / R	On 14/06/2019	Foreign Exchange Future	14.58	Call	716.70750	0.71671	812.16080	0.81216	716.708	18.61	0.51	0.00	0	1,000.00
\$ / R	On 14/06/2019	Foreign Exchange Future	14.63	Put	847.08500	0.84709	740.46770	0.74047	847.085	18.69	0.50	0.00	0	8,203.00
\$ / R	On 14/06/2019	Foreign Exchange Future	14.65	Put	859.65760	0.85966	0.00000	0.00000	859.658	18.73	0.51	7,424,978.64	1,000	1,000.00
\$ / R	On 14/06/2019	Foreign Exchange Future	14.82	Call	630.41870	0.63042	716.15230	0.71615	630.419	19.02	0.46	0.00	0	30,000.00
\$ / R	On 14/06/2019	Foreign Exchange Future	15.10	Call	543.27100	0.54327	618.54060	0.61854	543.271	19.49	0.41	0.00	0	1,500.00
\$ / R	On 14/06/2019	Foreign Exchange Future	15.32	Call	484.08150	0.48408	0.00000	0.00000	484.082	19.87	0.37	21,218,772.13	3,960	1,980.00
\$ / R	On 14/06/2019	Foreign Exchange Future	15.62	Call	415.14610	0.41515	473.34480	0.47334	415.146	20.40	0.33	0.00	0	5,035.00
\$ / R	On 14/06/2019	Foreign Exchange Future	15.80	Call	379.22900	0.37923	432.59860	0.43260	379.229	20.72	0.30	0.00	0	1,000.00
\$ / R	On 14/06/2019	Foreign Exchange Future	15.92	Call	357.30910	0.35731	407.68240	0.40768	357.309	20.93	0.29	0.00	0	911.00
\$ / R	On 14/06/2019	Foreign Exchange Future	16.00	Call	342.83860	0.34284	392.00180	0.39200	342.839	21.05	0.28	0.00	0	20.00
\$ / R	On 14/06/2019	Foreign Exchange Future	17.96	Call	138.45670	0.13846	156.02810	0.15603	138.457	24.18	0.12	0.00	0	8,203.00
\$ / R	On 20/06/2019	Any day expiry			14.49170	14.49170	14.69180	14.69180		18.45	0.00	0.00	0	0.00
\$ / R	On 20/06/2019	Any day expiry	14.72	Put	909.87120	0.90987	800.02630	0.80003	909.871	18.82	0.52	0.00	0	20,000.00
\$ / R	On 20/06/2019	Any day expiry	17.22	Call	193.17380	0.19317	223.22130	0.22322	193.174	22.66	0.17	0.00	0	20,000.00
\$ / R	On 28/06/2019	Any day expiry			14.50630	14.50630	14.70670	14.70670		18.45	0.00	0.00	0	505.00
\$ / R	On 28/06/2019	Any day expiry	13.00	Put	165.24970	0.16525	132.31640	0.13232	165.250	16.44	0.17	0.00	0	500.00
\$ / R	On 28/06/2019	Any day expiry	14.20	Put	612.62740	0.61263	524.21660	0.52422	612.627	17.94	0.41	0.00	0	250.00
\$ / R	On 28/06/2019	Any day expiry	14.25	Put	639.53690	0.63954	548.92710	0.54893	639.537	18.02	0.42	0.00	0	250.00
\$ / R	On 28/06/2019	Any day expiry	15.17	Call	560.65310	0.56065	635.20430	0.63520	560.653	19.55	0.41	0.00	0	500.00
\$ / R	On 28/06/2019	Any day expiry	15.96	Call	381.72610	0.38173	433.21440	0.43321	381.726	20.91	0.29	0.00	0	250.00
\$ / R	On 28/06/2019	Any day expiry	16.32	Call	318.76300	0.31876	365.93730	0.36594	318.763	21.39	0.25	0.00	0	250.00

Contract Details	Strike	Call / Put	MTM	Yield	Mark Price	Spot Rate	Previous MTM	Previous Price	Premium On Option	Volatility	Delta	Delta Value	Contracts Traded	Open Interest		
\$ / R			On 01/07/2019	Any day expiry			14.51180	14.51180		14.71220	14.71220	18.42	0.00	0.00	0	55.00
\$ / R			On 03/07/2019	Any day expiry			14.51540	14.51540		14.71600	14.71600	18.51	0.00	0.00	0	0.00
\$ / R			On 03/07/2019	Any day expiry	13.45	Put	293.91130	0.29391	243.14190	0.24314	293.911	16.89	0.25	0.00	0	39,250.00
\$ / R			On 03/07/2019	Any day expiry	16.44	Call	310.55990	0.31056	355.58430	0.35558	310.560	21.53	0.24	0.00	0	39,250.00
\$ / R			On 31/07/2019	Any day expiry			14.56670	14.56670		14.76800	14.76800	18.53	0.00	0.00	0	0.00
\$ / R			On 31/07/2019	Any day expiry	13.00	Put	186.30290	0.18630	149.41280	0.14941	186.303	16.29	0.17	0.00	0	500.00
\$ / R			On 31/07/2019	Any day expiry	14.20	Put	644.77030	0.64477	556.61470	0.55661	644.770	17.87	0.40	0.00	0	250.00
\$ / R			On 31/07/2019	Any day expiry	14.25	Put	671.59690	0.67160	581.39590	0.58140	671.597	17.95	0.41	0.00	0	250.00
\$ / R			On 31/07/2019	Any day expiry	15.34	Call	597.44880	0.59745	670.24800	0.67025	597.449	19.70	0.40	0.00	0	500.00
\$ / R			On 31/07/2019	Any day expiry	16.14	Call	420.42720	0.42043	472.98170	0.47298	420.427	20.97	0.30	0.00	0	250.00
\$ / R			On 31/07/2019	Any day expiry	16.50	Call	357.85030	0.35785	405.05200	0.40505	357.850	21.44	0.26	0.00	0	250.00
\$ / R			On 01/08/2019	Any day expiry			14.56850	14.56850		14.76980	14.76980	18.53	0.00	0.00	0	55.00
\$ / R			On 13/08/2019	Any day expiry			14.59040	14.59040		14.79210	14.79210	18.50	0.00	0.00	0	0.00
\$ / R			On 13/08/2019	Any day expiry	14.48	Put	812.79540	0.81280	713.81440	0.71381	812.795	18.30	0.45	0.00	0	3,147.00
\$ / R			On 13/08/2019	Any day expiry	16.35	Call	408.55620	0.40856	460.17500	0.46017	408.556	21.16	0.28	0.00	0	3,147.00
\$ / R			On 30/08/2019	Any day expiry			14.62150	14.62150		14.82370	14.82370	18.47	0.00	0.00	0	0.00
\$ / R			On 30/08/2019	Any day expiry	13.00	Put	205.33300	0.20533	165.62720	0.16563	205.333	16.23	0.18	0.00	0	500.00
\$ / R			On 30/08/2019	Any day expiry	14.20	Put	670.93440	0.67093	583.93940	0.58394	670.934	17.82	0.39	0.00	0	250.00
\$ / R			On 30/08/2019	Any day expiry	14.25	Put	697.68300	0.69768	608.76110	0.60876	697.683	17.90	0.40	0.00	0	250.00
\$ / R			On 30/08/2019	Any day expiry	15.52	Call	621.48390	0.62148	692.94670	0.69295	621.484	19.85	0.39	0.00	0	500.00
\$ / R			On 30/08/2019	Any day expiry	16.33	Call	446.65560	0.44666	501.38270	0.50138	446.656	21.03	0.30	0.00	0	250.00
\$ / R			On 30/08/2019	Any day expiry	16.70	Call	384.39290	0.38439	432.10260	0.43210	384.393	21.51	0.26	0.00	0	250.00
\$ / R			On 02/09/2019	Any day expiry			14.62700	14.62700		14.82930	14.82930	18.52	0.00	0.00	0	55.00
\$ / R			On 04/09/2019	Any day expiry			14.63070	14.63070		14.83300	14.83300	18.52	0.00	0.00	0	74.00
\$ / R			On 05/09/2019	Any day expiry			14.63250	14.63250		14.83480	14.83480	18.52	0.00	0.00	0	0.00
\$ / R			On 05/09/2019	Any day expiry	19.00	Call	198.02400	0.19802	218.62730	0.21863	198.024	25.27	0.14	0.00	0	20,000.00
\$ / R			On 16/09/2019	Foreign Exchange Future			14.65260	14.65260		14.85540	14.85540	18.50	0.00	366,315.00	25	14,244.00
\$ / R			On 16/09/2019	Foreign Exchange Future	10.75	Put	10.34390	0.01034	11.20810	0.01121	10.344	16.55	0.01	0.00	0	1,000.00
\$ / R			On 16/09/2019	Foreign Exchange Future	12.50	Put	96.66020	0.09666	72.10350	0.07210	96.660	15.01	0.10	0.00	0	1,000.00
\$ / R			On 16/09/2019	Foreign Exchange Future	13.25	Put	292.07380	0.29207	241.36410	0.24136	292.074	16.64	0.22	0.00	0	3,900.00
\$ / R			On 16/09/2019	Foreign Exchange Future	13.91	Put	538.90070	0.53890	468.27290	0.46827	538.901	17.31	0.34	0.00	0	81,930.00
\$ / R			On 16/09/2019	Foreign Exchange Future	13.97	Put	567.41610	0.56742	492.85470	0.49285	567.416	17.41	0.35	0.00	0	800.00
\$ / R			On 16/09/2019	Foreign Exchange Future	14.09	Put	626.72760	0.62673	544.18700	0.54419	626.728	17.60	0.37	0.00	0	33,715.00
\$ / R			On 16/09/2019	Foreign Exchange Future	14.21	Put	688.99930	0.68900	601.59750	0.60160	688.999	17.79	0.39	0.00	0	2,700.00
\$ / R			On 16/09/2019	Foreign Exchange Future	14.33	Put	754.13760	0.75414	662.25570	0.66226	754.138	17.98	0.41	0.00	0	33,151.00
\$ / R			On 16/09/2019	Foreign Exchange Future	15.38	Put	1,425.79920	1.42580	1,300.65060	1.30065	1,425.799	19.56	0.58	0.00	0	5,000.00
\$ / R			On 16/09/2019	Foreign Exchange Future	15.56	Put	1,557.32000	1.55732	1,426.69700	1.42670	1,557.320	19.83	0.60	0.00	0	2,571.00
\$ / R			On 16/09/2019	Foreign Exchange Future	15.87	Call	575.54160	0.57554	639.68360	0.63968	575.542	20.30	0.36	0.00	0	1,000.00
\$ / R			On 16/09/2019	Foreign Exchange Future	17.23	Call	340.69730	0.34070	382.12410	0.38212	340.697	22.06	0.23	0.00	0	800.00
\$ / R			On 16/09/2019	Foreign Exchange Future	17.64	Call	294.61180	0.29461	329.76950	0.32977	294.612	22.60	0.20	0.00	0	5,000.00
\$ / R			On 16/09/2019	Foreign Exchange Future	17.85	Call	278.23420	0.27823	307.59670	0.30760	278.234	23.00	0.19	0.00	0	2,700.00
\$ / R			On 16/09/2019	Foreign Exchange Future	17.93	Call	272.41110	0.27241	301.07880	0.30108	272.411	23.15	0.18	0.00	0	2,571.00
\$ / R			On 16/09/2019	Foreign Exchange Future	18.29	Call	248.73080	0.24873	274.58460	0.27458	248.731	23.83	0.17	0.00	0	81,930.00
\$ / R			On 16/09/2019	Foreign Exchange Future	18.47	Call	238.28240	0.23828	262.89420	0.26289	238.282	24.17	0.16	0.00	0	1,200.00

Contract Details	Strike	Call / Put	MTM	Yield	Mark Price	Spot Rate	Previous MTM	Previous Price	Premium On Option	Volatility	Delta	Delta Value	Contracts Traded	Open Interest
\$ / R	On 16/09/2019	Foreign Exchange Future	18.63	Call	229.67950	0.22968	253.26960	0.25327	229.680	24.47	0.15	0.00	0	33,715.00
\$ / R	On 16/09/2019	Foreign Exchange Future	19.32	Call	185.12290	0.18512	217.69540	0.21770	185.123	25.26	0.13	0.00	0	33,151.00
\$ / R	On 30/09/2019	Any day expiry			14.67850	14.67850	14.88190	14.88190		18.54	0.00	0.00	0	0.00
\$ / R	On 30/09/2019	Any day expiry	13.00	Put	220.65550	0.22066	175.53740	0.17554	220.655	16.09	0.18	0.00	0	500.00
\$ / R	On 30/09/2019	Any day expiry	14.20	Put	694.19460	0.69419	607.13310	0.60713	694.195	17.75	0.39	0.00	0	250.00
\$ / R	On 30/09/2019	Any day expiry	14.25	Put	720.84510	0.72085	631.94280	0.63194	720.845	17.83	0.40	0.00	0	250.00
\$ / R	On 30/09/2019	Any day expiry	15.68	Call	651.58520	0.65159	722.00600	0.72201	651.585	19.96	0.39	0.00	0	500.00
\$ / R	On 30/09/2019	Any day expiry	16.50	Call	477.83990	0.47784	532.67670	0.53268	477.840	21.09	0.30	0.00	0	250.00
\$ / R	On 30/09/2019	Any day expiry	16.89	Call	413.04170	0.41304	460.99290	0.46099	413.042	21.57	0.26	0.00	0	250.00
\$ / R	On 02/10/2019	Any day expiry			14.68220	14.68220	14.88570	14.88570		18.55	0.00	0.00	0	55.00
\$ / R	On 31/10/2019	Any day expiry			14.73580	14.73580	14.94050	14.94050		18.57	0.00	0.00	0	55.00
\$ / R	On 31/10/2019	Any day expiry	13.00	Put	237.85700	0.23786	189.63700	0.18964	237.857	16.05	0.18	0.00	0	500.00
\$ / R	On 31/10/2019	Any day expiry	14.20	Put	716.87390	0.71687	630.10820	0.63011	716.874	17.72	0.38	0.00	0	250.00
\$ / R	On 31/10/2019	Any day expiry	14.25	Put	743.42840	0.74343	654.88140	0.65488	743.428	17.80	0.39	0.00	0	250.00
\$ / R	On 31/10/2019	Any day expiry	15.87	Call	674.04050	0.67404	742.96600	0.74297	674.041	20.12	0.38	0.00	0	500.00
\$ / R	On 31/10/2019	Any day expiry	16.70	Call	503.35730	0.50336	557.41270	0.55741	503.357	21.20	0.30	0.00	0	250.00
\$ / R	On 31/10/2019	Any day expiry	17.09	Call	440.25690	0.44026	487.97200	0.48797	440.257	21.67	0.27	0.00	0	250.00
\$ / R	On 29/11/2019	Any day expiry			14.78950	14.78950	14.99540	14.99540		18.60	0.00	0.00	0	0.00
\$ / R	On 29/11/2019	Any day expiry	13.00	Put	254.35750	0.25436	202.92030	0.20292	254.358	16.06	0.19	0.00	0	500.00
\$ / R	On 29/11/2019	Any day expiry	14.20	Put	736.17490	0.73617	650.67800	0.65068	736.175	17.70	0.37	0.00	0	250.00
\$ / R	On 29/11/2019	Any day expiry	14.25	Put	762.61430	0.76261	674.05400	0.67405	762.614	17.77	0.38	0.00	0	250.00
\$ / R	On 29/11/2019	Any day expiry	16.03	Call	697.93510	0.69794	766.29080	0.76629	697.935	20.24	0.38	0.00	0	500.00
\$ / R	On 29/11/2019	Any day expiry	16.87	Call	528.72860	0.52873	582.67520	0.58268	528.729	21.28	0.30	0.00	0	250.00
\$ / R	On 29/11/2019	Any day expiry	17.26	Call	466.87590	0.46688	514.83030	0.51483	466.876	21.74	0.27	0.00	0	250.00
\$ / R	On 02/12/2019	Any day expiry			14.79500	14.79500	15.00110	15.00110		18.58	0.00	0.00	0	55.00
\$ / R	On 04/12/2019	Any day expiry			14.79870	14.79870	15.00490	15.00490		18.59	0.00	0.00	0	321.00
\$ / R	On 13/12/2019	Foreign Exchange Future			14.81540	14.81540	15.02190	15.02190		18.64	0.00	0.00	0	9,900.00
\$ / R	On 13/12/2019	Foreign Exchange Future	11.89	Put	43.37390	0.04337	31.84720	0.03185	43.374	13.80	0.05	0.00	0	1,000.00
\$ / R	On 13/12/2019	Foreign Exchange Future	13.66	Put	498.86580	0.49887	436.59250	0.43659	498.866	17.07	0.29	0.00	0	1,000.00
\$ / R	On 13/12/2019	Foreign Exchange Future	17.38	Call	473.96330	0.47396	522.83900	0.52284	473.963	21.82	0.27	0.00	0	1,000.00
\$ / R	On 13/12/2019	Foreign Exchange Future	20.00	Call	234.83530	0.23484	268.51350	0.26851	234.835	24.81	0.14	0.00	0	2,000.00
\$ / R	On 31/12/2019	Any day expiry			14.85120	14.85120	15.05960	15.05960		18.73	0.00	0.00	0	0.00
\$ / R	On 31/12/2019	Any day expiry	13.00	Put	272.79750	0.27280	222.47650	0.22248	272.798	16.11	0.19	0.00	0	500.00
\$ / R	On 31/12/2019	Any day expiry	14.20	Put	761.19060	0.76119	677.25090	0.67725	761.191	17.78	0.37	0.00	0	250.00
\$ / R	On 31/12/2019	Any day expiry	14.25	Put	787.54160	0.78754	700.97610	0.70098	787.542	17.85	0.38	0.00	0	250.00
\$ / R	On 31/12/2019	Any day expiry	16.21	Call	731.18750	0.73119	800.78180	0.80078	731.188	20.49	0.38	0.00	0	500.00
\$ / R	On 31/12/2019	Any day expiry	17.05	Call	564.70100	0.56470	620.68640	0.62069	564.701	21.49	0.30	0.00	0	250.00
\$ / R	On 31/12/2019	Any day expiry	17.44	Call	503.51290	0.50351	553.77640	0.55378	503.513	21.94	0.27	0.00	0	250.00
\$ / R	On 02/01/2020	Any day expiry			14.85520	14.85520	15.06370	15.06370		18.75	0.00	0.00	0	55.00
\$ / R	On 31/01/2020	Any day expiry			14.91450	14.91450	15.12440	15.12440		18.98	0.00	0.00	0	55.00
\$ / R	On 02/03/2020	Any day expiry			14.97780	14.97780	15.18930	15.18930		19.26	0.00	0.00	0	55.00
\$ / R	On 16/03/2020	Foreign Exchange Future			15.00640	15.00640	15.21860	15.21860		19.32	0.00	0.00	0	4,266.00
\$ / R	On 16/03/2020	Foreign Exchange Future	11.91	Put	93.54970	0.09355	78.68300	0.07868	93.550	15.26	0.08	0.00	0	1,000.00
\$ / R	On 16/03/2020	Foreign Exchange Future	14.01	Put	738.83030	0.73883	655.88100	0.65588	738.830	18.05	0.33	0.00	0	1,000.00

Contract Details			Strike	Call / Put	MTM	Yield	Mark Price	Spot Rate	Previous MTM	Previous Price	Premium On Option	Volatility	Delta	Delta Value	Contracts Traded	Open Interest
\$ / R	On 16/03/2020	Foreign Exchange Future	17.73	Call	625.35630		0.62536	679.32400	0.67932	625.356		22.48	0.30	0.00	0	1,000.00
\$ / R	On 02/04/2020	Any day expiry			15.04120		15.04120	15.25420	15.25420			19.32	0.00	0.00	0	55.00
\$ / R	On 29/04/2020	Any day expiry			15.09630		15.09630	15.31070	15.31070			19.26	0.00	0.00	0	55.00
\$ / R	On 02/06/2020	Any day expiry			15.16580		15.16580	15.38190	15.38190			19.23	0.00	0.00	0	1,055.00
\$ / R	On 12/06/2020	Foreign Exchange Future			15.18630		15.18630	15.40280	15.40280			19.18	0.00	0.00	0	0.00
\$ / R	On 28/07/2020	Any day expiry			15.28020		15.28020	15.49910	15.49910			19.27	0.00	0.00	0	84,000.00
\$ / R	On 14/09/2020	Foreign Exchange Future			15.37830		15.37830	15.59950	15.59950			19.35	0.00	0.00	0	0.00
\$ / R MAXI	On 14/12/2018	Foreign Exchange Future			14.16440		14.16440	14.36000	14.36000			22.37	0.00	0.00	0	180.00
\$ / R MAXI	On 18/03/2019	Foreign Exchange Future			14.32430		14.32430	14.52240	14.52240			18.20	0.00	472,701.90	33	464.00
\$ / R MAXI	On 14/06/2019	Foreign Exchange Future			14.48070		14.48070	14.68070	14.68070			18.47	0.00	0.00	0	0.00
\$ / R MAXI	On 16/09/2019	Foreign Exchange Future			14.65260		14.65260	14.85540	14.85540			18.50	0.00	0.00	0	0.00
\$ / R MAXI	On 13/12/2019	Foreign Exchange Future			14.81540		14.81540	15.02190	15.02190			18.64	0.00	0.00	0	0.00
\$ / R MAXI	On 16/03/2020	Foreign Exchange Future			15.00640		15.00640	15.21860	15.21860			19.32	0.00	0.00	0	0.00
£ / R	On 14/12/2018	Foreign Exchange Future			17.88610		17.88610	18.05690	18.05690			20.85	0.00	389,970,638.30	21,803	48,631.00
£ / R	On 14/12/2018	Foreign Exchange Future	19.30	Call	0.46730		0.00047	8.73140	0.00873	0.467		37.42	0.00	0.00	0	200.00
£ / R	On 31/01/2019	Any day expiry			18.03460		18.03460	18.21100	18.21100			17.67	0.00	0.00	0	27.00
£ / R	On 28/02/2019	Any day expiry			18.11990		18.11990	18.29670	18.29670			17.80	0.00	0.00	0	47.00
£ / R	On 18/03/2019	Foreign Exchange Future			18.17570		18.17570	18.35270	18.35270			17.81	0.00	429,200,979.80	23,614	396,737.00
£ / R	On 18/03/2019	Foreign Exchange Future	18.00	Put	573.71980		0.57372	499.09970	0.49910	573.720		17.78	0.44	0.00	0	500.00
£ / R	On 18/03/2019	Foreign Exchange Future	19.00	Call	366.28430		0.36628	426.17920	0.42618	366.284		18.49	0.34	0.00	0	2,500.00
£ / R	On 18/03/2019	Foreign Exchange Future	19.19	Put	1,332.13450		1.33213	1,208.34830	1.20835	1,332.135		18.67	0.70	0.00	0	1,000.00
£ / R	On 18/03/2019	Foreign Exchange Future	20.00	Call	172.37690		0.17238	204.63000	0.20463	172.377		19.50	0.18	0.00	0	500.00
£ / R	On 18/03/2019	Foreign Exchange Future	20.18	Call	149.43100		0.14943	178.95140	0.17895	149.431		19.65	0.16	0.00	0	1,500.00
£ / R	On 18/03/2019	Foreign Exchange Future	21.44	Call	54.13540		0.05414	65.62050	0.06562	54.135		20.72	0.07	0.00	0	500.00
£ / R	On 29/03/2019	Any day expiry			18.21060		18.21060	18.38780	18.38780			17.81	0.00	0.00	0	80.00
£ / R	On 14/06/2019	Foreign Exchange Future			18.45280		18.45280	18.63210	18.63210			17.66	0.00	0.00	0	5,889.00
£ / R	On 16/09/2019	Foreign Exchange Future			18.75760		18.75760	18.94020	18.94020			17.93	0.00	12,192,440.00	650	13,875.00
£ / R	On 13/12/2019	Foreign Exchange Future			19.04690		19.04690	19.23260	19.23260			18.15	0.00	9,523,450.00	500	247.00
£ / R	On 16/03/2020	Foreign Exchange Future			19.37800		19.37800	19.57140	19.57140			18.97	0.00	9,689,000.00	500	0.00
¥ / R	On 14/12/2018	Foreign Exchange Future			0.12506		0.12506	0.12678	0.12678			69.97	0.00	0.00	0	6,905.00
¥ / R	On 18/03/2019	Foreign Exchange Future			0.12753		0.12753	0.12930	0.12930			22.96	0.00	0.00	0	0.00
¥ / R	On 14/06/2019	Foreign Exchange Future			0.12988		0.12988	0.13168	0.13168			22.73	0.00	0.00	0	0.00
¥ / R	On 16/09/2019	Foreign Exchange Future			0.13250		0.13250	0.13435	0.13435			22.61	0.00	0.00	0	0.00
¥ / R	On 13/12/2019	Foreign Exchange Future			0.13504		0.13504	0.13691	0.13691			22.64	0.00	0.00	0	0.00
¥ / R	On 16/03/2020	Foreign Exchange Future			0.14142		0.14142	0.14349	0.14349			23.14	0.00	0.00	0	0.00
€ / R	On 14/12/2018	Foreign Exchange Future			16.09690		16.09690	16.27940	16.27940			21.46	0.00	787,750,092.20	48,938	48,978.00
€ / R	On 21/12/2018	Any day expiry			16.11270		16.11270	16.29810	16.29810			18.10	0.00	0.00	0	0.00
€ / R	On 21/12/2018	Any day expiry	15.83	Put	74.25560		0.07426	46.49690	0.04650	74.256		18.16	0.26	0.00	0	32,000.00
€ / R	On 03/01/2019	Any day expiry			16.14950		16.14950	16.34090	16.34090			16.11	0.00	0.00	0	0.00
€ / R	On 03/01/2019	Any day expiry	15.85	Put	122.47880		0.12248	81.94990	0.08195	122.479		15.54	0.31	0.00	0	13,000.00

Contract Details	Strike	Call / Put	MTM	Yield	Mark Price	Spot Rate	Previous MTM	Previous Price	Premium On Option	Volatility	Delta	Delta Value	Contracts Traded	Open Interest
€ / R	On 28/02/2019	Any day expiry		16.35260	16.35260		16.54220	16.54220		16.65	0.00	0.00	0	26.00
€ / R	On 18/03/2019	Foreign Exchange Future		16.41390	16.41390		16.60390	16.60390		16.74	0.00	859,973,462.70	52,393	121,201.00
€ / R	On 18/03/2019	Foreign Exchange Future	16.00	Call	768.42540	0.76843	889.31090	0.88931	768.425	16.18	0.64	0.00	0	650.00
€ / R	On 29/03/2019	Any day expiry		16.40390	16.40390		16.59390	16.59390		16.77	0.00	0.00	0	53.00
€ / R	On 14/06/2019	Foreign Exchange Future		16.72060	16.72060		16.91350	16.91350		16.99	0.00	0.00	0	24,389.00
€ / R	On 14/08/2019	Any day expiry		16.94200	16.94200		17.13740	17.13740		17.13	0.00	0.00	0	0.00
€ / R	On 14/08/2019	Any day expiry	17.01	Put	988.51260	0.98851	887.79130	0.88779	988.513	17.21	0.48	0.00	0	16,200.00
€ / R	On 14/08/2019	Any day expiry	19.65	Call	322.20500	0.32221	361.65040	0.36165	322.205	20.63	0.21	0.00	0	62,400.00
€ / R	On 16/09/2019	Foreign Exchange Future		17.06130	17.06130		17.25830	17.25830		17.13	0.00	0.00	0	8,596.00
€ / R	On 16/09/2019	Foreign Exchange Future	18.60	Call	570.38110	0.57038	631.76560	0.63177	570.381	19.11	0.33	0.00	0	55,000.00
€ / R	On 13/12/2019	Foreign Exchange Future		17.38510	17.38510		17.58820	17.58820		17.28	0.00	0.00	0	277.00
€ / R	On 13/12/2019	Foreign Exchange Future	13.73	Put	69.41800	0.06942	63.96990	0.06397	69.418	15.63	0.06	0.00	0	17,150.00
€ / R	On 13/12/2019	Foreign Exchange Future	16.15	Put	554.20290	0.55420	492.72760	0.49273	554.203	15.84	0.29	0.00	0	17,150.00
€ / R	On 13/12/2019	Foreign Exchange Future	20.62	Call	460.45860	0.46046	507.12750	0.50713	460.459	20.87	0.24	0.00	0	17,150.00
€ / R	On 16/03/2020	Foreign Exchange Future		17.68800	17.68800		17.89960	17.89960		17.92	0.00	0.00	0	0.00
5Y STND	On 21/12/2021	Interest Rate Swap		97.62000	97.62000		97.67000	97.67000			0.00	0.00	0	51.00
AL37	On 07/02/2019	Index Future		605.62700	605.62700		605.44100	605.44100			0.00	0.00	0	0.00
AL37	On 02/05/2019	Index Future		616.23600	616.23600		616.07200	616.07200			0.00	0.00	0	0.00
AL37	On 01/08/2019	Index Future		628.29700	628.29700		628.22300	628.22300			0.00	0.00	0	0.00
AL7T	On 07/02/2019	Index Future		693.64200	693.64200		693.66000	693.66000			0.00	0.00	0	0.00
AL7T	On 02/05/2019	Index Future		705.79200	705.79200		705.84000	705.84000			0.00	0.00	0	0.00
AL7T	On 01/08/2019	Index Future		719.60600	719.60600		719.76100	719.76100			0.00	0.00	0	0.00
ALBI	On 07/02/2019	Index Future		625.65600	625.65600		625.77900	625.77900			0.00	0.00	0	908.00
ALBI	On 02/05/2019	Index Future		636.61600	636.61600		636.76700	636.76700			0.00	0.00	0	0.00
ALBI	On 01/08/2019	Index Future		649.07500	649.07500		649.32600	649.32600			0.00	0.00	0	0.00
AU\$ / R	On 14/12/2018	Foreign Exchange Future		10.22750	10.22750		10.35620	10.35620		17.32	0.00	36,992,867.50	3,617	16,633.00
AU\$ / R	On 18/03/2019	Foreign Exchange Future		10.35450	10.35450		10.48830	10.48830		14.05	0.00	52,186,680.00	5,040	3,571.00
AU\$ / R	On 14/06/2019	Foreign Exchange Future		10.48160	10.48160		10.61780	10.61780		14.20	0.00	0.00	0	15,746.00
AU\$ / R	On 16/09/2019	Foreign Exchange Future		10.62270	10.62270		10.76300	10.76300		14.28	0.00	0.00	0	0.00
AU\$ / R	On 13/12/2019	Foreign Exchange Future		10.75790	10.75790		10.90250	10.90250		14.45	0.00	0.00	0	400.00
AU\$ / R	On 13/12/2019	Foreign Exchange Future	11.00	Call	529.72750	0.52973	595.32570	0.59533	529.728	14.82	0.47	0.00	0	1,000.00
AU\$ / R	On 16/03/2020	Foreign Exchange Future		10.91540	10.91540		11.06670	11.06670		15.40	0.00	0.00	0	0.00
CAD/ R	On 14/12/2018	Foreign Exchange Future		10.61410	10.61410		10.71820	10.71820		18.33	0.00	0.00	0	750.00
CAD/ R	On 18/03/2019	Foreign Exchange Future		10.75730	10.75730		10.86440	10.86440		15.16	0.00	0.00	0	500.00
CAD/ R	On 14/06/2019	Foreign Exchange Future		10.89170	10.89170		11.00090	11.00090		15.30	0.00	0.00	0	0.00
CAD/ R	On 16/09/2019	Foreign Exchange Future		10.90830	10.90830		11.01800	11.01800		15.41	0.00	0.00	0	250.00
CAD/ R	On 13/12/2019	Foreign Exchange Future		11.05300	11.05300		11.16480	11.16480		15.68	0.00	0.00	0	0.00
CAD/ R	On 16/03/2020	Foreign Exchange Future		11.19360	11.19360		11.30780	11.30780		16.35	0.00	0.00	0	0.00

Contract Details	Strike	Call / Put	MTM	Yield	Mark Price	Spot Rate	Previous MTM	Previous Price	Premium On Option	Volatility	Delta	Delta Value	Contracts Traded	Open Interest
CF CANDO CAHF	On 18/03/2019	Can-Do Future	174.05000		174.05000		231.73000	231.73000			0.00	0.00	0	0.00
CHF / R	On 14/12/2018	Foreign Exchange Future	14.26370		14.26370		14.49890	14.49890		25.17	0.00	12,737,484.10	893	1,066.00
CHF / R	On 18/03/2019	Foreign Exchange Future	14.55970		14.55970		14.80360	14.80360		17.22	0.00	26,003,624.20	1,786	893.00
CHF / R	On 14/06/2019	Foreign Exchange Future	14.84590		14.84590		15.09490	15.09490		17.75	0.00	0.00	0	150.00
CHF / R	On 16/09/2019	Foreign Exchange Future	15.16420		15.16420		15.41840	15.41840		18.22	0.00	0.00	0	0.00
CHF / R	On 13/12/2019	Foreign Exchange Future	15.47050		15.47050		15.73090	15.73090		18.52	0.00	0.00	0	0.00
CHF / R	On 16/03/2020	Foreign Exchange Future	16.14070		16.14070		16.41540	16.41540		19.47	0.00	0.00	0	0.00
CNH / R	On 14/12/2018	Foreign Exchange Future	2.06040		2.06040		2.08110	2.08110		18.89	0.00	0.00	0	0.00
CNH / R	On 18/03/2019	Foreign Exchange Future	2.08100		2.08100		2.10090	2.10090		16.20	0.00	0.00	0	0.00
CNH / R	On 14/06/2019	Foreign Exchange Future	2.10160		2.10160		2.12130	2.12130		16.12	0.00	0.00	0	0.00
DKK / R	On 14/12/2018	Foreign Exchange Future	2.16620		2.16620		2.19100	2.19100		31.28	0.00	0.00	0	140.00
DKK / R	On 18/03/2019	Foreign Exchange Future	2.20960		2.20960		2.23500	2.23500		16.29	0.00	0.00	0	0.00
DKK / R	On 14/06/2019	Foreign Exchange Future	2.25230		2.25230		2.27820	2.27820		15.91	0.00	0.00	0	250.00
DKK / R	On 16/09/2019	Foreign Exchange Future	2.29920		2.29920		2.32530	2.32530		16.17	0.00	0.00	0	0.00
DKK / R	On 13/12/2019	Foreign Exchange Future	2.42840		2.42840		2.45650	2.45650		17.06	0.00	0.00	0	0.00
DKK / R	On 16/03/2020	Foreign Exchange Future	2.47900		2.47900		2.50800	2.50800		17.85	0.00	0.00	0	0.00
E170	On 01/08/2021	Price Contribution	100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
ES23	On 25/01/2023	Price Contribution	100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
ES23A	On 25/01/2023	Price Contribution	100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
ES26	On 25/01/2023	Price Contribution	100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
ES26A	On 02/04/2026	Price Contribution	100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
ES33	On 07/02/2019	Bond Future	11.33192		76.05249		11.33149	76.05490			0.00	0.00	0	494.00
ES33	On 02/05/2019	Bond Future	11.43979		73.59328		11.43874	73.59908			0.00	0.00	0	0.00
ES33	On 01/08/2019	Bond Future	11.55180		75.03403		11.54857	75.05157			0.00	0.00	0	0.00
ES33	On 15/09/2033	Price Contribution	100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
ES33A	On 15/09/2033	Price Contribution	100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
ES42	On 07/02/2019	Bond Future	11.57324		77.93816		11.57774	77.90977			0.00	0.00	0	5,169.00
ES42	On 02/05/2019	Bond Future	11.68168		75.04265		11.68577	75.01727			0.00	0.00	0	0.00
ES42	On 01/08/2019	Bond Future	11.79203		76.51203		11.79431	76.49811			0.00	0.00	0	0.00
ES42	On 25/04/2042	Price Contribution	100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
GOVI	On 07/02/2019	GOVI	618.90400		618.90400		619.06200	619.06200			0.00	0.00	0	451.00

Contract Details	Strike	Call / Put	MTM	Yield	Mark Price	Spot Rate	Previous MTM	Previous Price	Premium On Option	Volatility	Delta	Delta Value	Contracts Traded	Open Interest
GOVI	On 02/05/2019	GOVI	629.74400		629.74400		629.93100	629.93100			0.00	0.00	0	0.00
GOVI	On 01/08/2019	GOVI	642.07000		642.07000		642.35600	642.35600			0.00	0.00	0	0.00
HK\$/R	On 14/12/2018	Foreign Exchange Future	1.81210		1.81210		1.83750	1.83750		21.06	0.00	0.00	0	0.00
HK\$/R	On 18/03/2019	Foreign Exchange Future	1.83560		1.83560		1.86170	1.86170		18.41	0.00	0.00	0	0.00
HK\$/R	On 14/06/2019	Foreign Exchange Future	1.85850		1.85850		1.88480	1.88480		18.85	0.00	0.00	0	0.00
I2025	On 07/02/2019	Bond Future	132.11274		132.11274		132.10460	132.10460			0.00	0.00	0	355.00
I2025	On 02/05/2019	Bond Future	134.45643		134.45643		134.45414	134.45414			0.00	0.00	0	0.00
I2025	On 01/08/2019	Bond Future	137.07283		137.07283		137.09148	137.09148			0.00	0.00	0	0.00
I2025	On 31/01/2025	Price Contribution	100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
I2029	On 07/02/2019	Bond Future	100.32365		100.32365		100.31644	100.31644			0.00	0.00	0	2,954.00
I2029	On 02/05/2019	Bond Future	101.03035		101.03035		101.02757	101.02757			0.00	0.00	0	0.00
I2029	On 01/08/2019	Bond Future	103.03145		103.03145		103.04441	103.04441			0.00	0.00	0	0.00
I2033	On 14/08/2015	Price Contribution	100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
I2033	On 07/02/2019	Bond Future	102.38697		102.38697		102.37917	102.37917			0.00	0.00	0	5,890.00
I2033	On 02/05/2019	Bond Future	103.05795		103.05795		103.05454	103.05454			0.00	0.00	0	0.00
I2033	On 01/08/2019	Bond Future	105.09922		105.09922		105.11180	105.11180			0.00	0.00	0	0.00
I2033	On 28/02/2033	Price Contribution	100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
I2038	On 07/02/2019	Bond Future	120.17208		120.17208		120.07239	120.07239			0.00	0.00	0	9,912.00
I2038	On 02/05/2019	Bond Future	122.30411		122.30411		122.20784	122.20784			0.00	0.00	0	0.00
I2038	On 01/08/2019	Bond Future	124.67392		124.67392		124.59494	124.59494			0.00	0.00	0	0.00
I2038	On 31/01/2038	Price Contribution	100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
I2046	On 07/02/2019	Bond Future	114.21163		114.21163		114.41683	114.41683			0.00	0.00	0	12,458.00
I2046	On 02/05/2019	Bond Future	114.55164		114.55164		114.76575	114.76575			0.00	0.00	0	0.00
I2046	On 01/08/2019	Bond Future	116.82062		116.82062		117.05694	117.05694			0.00	0.00	0	0.00
I2046	On 31/03/2046	Price Contribution	100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
I2050	On 07/02/2019	Bond Future	117.22104		117.22104		117.21112	117.21112			0.00	0.00	0	10,349.00
I2050	On 02/05/2019	Bond Future	119.30060		119.30060		119.29573	119.29573			0.00	0.00	0	0.00
I2050	On 01/08/2019	Bond Future	119.84517		119.84517		119.85884	119.85884			0.00	0.00	0	0.00
I2050	On 31/12/2050	Price Contribution	100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
IGOV	On 07/02/2019	Index Future	253.52100		253.52100		253.57100	253.57100			0.00	0.00	0	518.00
IGOV	On 02/05/2019	Index Future	258.01900		258.01900		258.08100	258.08100			0.00	0.00	0	215.00
IGOV	On 01/08/2019	Index Future	263.12900		263.12900		263.23100	263.23100			0.00	0.00	0	0.00
JIBAR FUTURE	On 19/12/2018	Jibar Tradeable Future	7.01000		92.99000		7.01000	92.99000			0.00	0.00	0	20,000.00
JIBAR FUTURE	On 20/03/2019	Jibar Tradeable Future	7.01000		92.99000		7.01000	92.99000			0.00	0.00	0	0.00
JIBAR FUTURE	On 19/06/2019	Jibar Tradeable Future	7.03000		92.97000		7.03000	92.97000			0.00	0.00	0	0.00

Contract Details			Strike	Call / Put	MTM	Yield	Mark Price	Spot Rate	Previous MTM	Previous Price	Premium On Option	Volatility	Delta	Delta Value	Contracts Traded	Open Interest
KES / R	On 14/12/2018	Foreign Exchange Future			0.13800		0.13800		0.13980	0.13980			0.00	0.00	0	0.00
KES / R	On 18/03/2019	Foreign Exchange Future			0.13760		0.13760		0.13950	0.13950			0.00	0.00	0	0.00
KES / R	On 14/06/2019	Foreign Exchange Future			0.13720		0.13720		0.13910	0.13910			0.00	0.00	0	2,166.00
KES / R	On 16/09/2019	Foreign Exchange Future			0.13750		0.13750		0.13910	0.13910			0.00	0.00	0	0.00
KES / R	On 13/12/2019	Foreign Exchange Future			0.13630		0.13630		0.13910	0.13910			0.00	0.00	0	0.00
KES / R	On 16/03/2020	Foreign Exchange Future			0.13520		0.13520		0.13930	0.13930			0.00	0.00	0	0.00
NOK/R	On 14/12/2018	Foreign Exchange Future			1.65600		1.65600		1.68250	1.68250		26.43	0.00	0.00	0	0.00
NOK/R	On 18/03/2019	Foreign Exchange Future			1.68140		1.68140		1.70830	1.70830		14.87	0.00	0.00	0	0.00
NOK/R	On 14/06/2019	Foreign Exchange Future			1.70610		1.70610		1.73340	1.73340		15.23	0.00	0.00	0	0.00
NZ\$ / R	On 14/12/2018	Foreign Exchange Future			9.70600		9.70600		9.88660	9.88660		17.37	0.00	0.00	0	0.00
NZ\$ / R	On 18/03/2019	Foreign Exchange Future			9.82730		9.82730		10.01250	10.01250		14.27	0.00	0.00	0	0.00
NZ\$ / R	On 14/06/2019	Foreign Exchange Future			9.94990		9.94990		10.13770	10.13770		14.42	0.00	0.00	0	0.00
NZ\$ / R	On 16/09/2019	Foreign Exchange Future			10.08550		10.08550		10.27640	10.27640		14.92	0.00	0.00	0	0.00
NZ\$ / R	On 13/12/2019	Foreign Exchange Future			10.60160		10.60160		10.80900	10.80900		15.77	0.00	0.00	0	0.00
NZ\$ / R	On 16/03/2020	Foreign Exchange Future			10.74520		10.74520		10.96000	10.96000		16.67	0.00	0.00	0	0.00
PULA / R	On 14/12/2018	Foreign Exchange Future			1.32440		1.32440		1.33980	1.33980			0.00	0.00	0	0.00
PULA / R	On 18/03/2019	Foreign Exchange Future			1.33180		1.33180		1.34720	1.34720			0.00	0.00	0	0.00
PULA / R	On 14/06/2019	Foreign Exchange Future			1.33810		1.33810		1.35350	1.35350			0.00	0.00	0	0.00
QUANTO £ / \$	On 14/12/2018	Foreign Exchange Future			1.26270		1.26270		1.25740	1.25740			0.00	12,627.00	10	400.00
QUANTO £ / \$	On 18/03/2019	Foreign Exchange Future			1.26890		1.26890		1.26380	1.26380			0.00	0.00	0	0.00
QUANTO £ / \$	On 14/06/2019	Foreign Exchange Future			1.27430		1.27430		1.26920	1.26920			0.00	0.00	0	0.00
QUANTO £ / \$	On 16/09/2019	Foreign Exchange Future			1.28020		1.28020		1.27500	1.27500			0.00	0.00	0	0.00
QUANTO £ / \$	On 13/12/2019	Foreign Exchange Future			1.28560		1.28560		1.28030	1.28030			0.00	0.00	0	0.00
QUANTO £ / \$	On 16/03/2020	Foreign Exchange Future			1.29130		1.29130		1.28600	1.28600			0.00	0.00	0	0.00
QUANTO € / \$	On 14/12/2018	Foreign Exchange Future			1.13640		1.13640		1.13370	1.13370			0.00	0.00	0	60.00
QUANTO € / \$	On 18/03/2019	Foreign Exchange Future			1.14590		1.14590		1.14330	1.14330			0.00	0.00	0	0.00
QUANTO € / \$	On 14/06/2019	Foreign Exchange Future			1.15470		1.15470		1.15210	1.15210			0.00	0.00	0	582.00
QUANTO € / \$	On 16/09/2019	Foreign Exchange Future			1.16440		1.16440		1.16180	1.16180			0.00	0.00	0	0.00
QUANTO € / \$	On 13/12/2019	Foreign Exchange Future			1.17350		1.17350		1.17080	1.17080			0.00	0.00	0	0.00
QUANTO € / \$	On 16/03/2020	Foreign Exchange Future			1.17870		1.17870		1.17620	1.17620			0.00	0.00	0	0.00
R / ¥EN	On 14/12/2018	Foreign Exchange Future			7.99590		7.99590	0.12504	7.88770	7.88770		19.99	0.00	0.00	0	0.00
R186	On 07/02/2019	Bond Future			9.19713		108.67987		9.20443	108.63780		6.82	0.00	429,068,126.76	3,948	73,350.00
R186	On 07/02/2019	Bond Future	8.30	Call	28.00000		0.02800		21.16000	0.02116	28.000	6.28	0.03	0.00	0	210.00
R186	On 07/02/2019	Bond Future	8.50	Call	80.12000		0.08012		72.06000	0.07206	80.120	6.27	0.07	0.00	0	1,000.00
R186	On 07/02/2019	Bond Future	8.77	Call	286.23000		0.28623		272.89000	0.27289	286.230	6.46	0.19	0.00	0	1,170.00
R186	On 07/02/2019	Bond Future	9.10	Put	1,456.62000		1.45662		1,468.97000	1.46897	1,456.620	6.72	0.57	0.00	0	1,000.00

Contract Details			Strike	Call / Put	MTM	Yield	Mark Price	Spot Rate	Previous MTM	Previous Price	Premium On Option	Volatility	Delta	Delta Value	Contracts Traded	Open Interest
R186	On 07/02/2019	Bond Future	9.20	Call	1,170.86000		1.17086		1,139.74000	1.13974	1,170.860	6.79	0.51	0.00	0	3,000.00
R186	On 07/02/2019	Bond Future	9.23	Call	1,262.15000		1.26215		1,230.78000	1.23078	1,262.150	6.81	0.53	0.00	0	3,000.00
R186	On 07/02/2019	Bond Future	9.27	Call	1,390.40000		1.39040		1,359.55000	1.35955	1,390.400	6.84	0.56	0.00	0	1,170.00
R186	On 07/02/2019	Bond Future	9.30	Put	900.30000		0.90030		912.70000	0.91270	900.300	6.86	0.42	0.00	0	5,000.00
R186	On 07/02/2019	Bond Future	9.38	Call	1,777.53000		1.77753		1,750.89000	1.75089	1,777.530	6.92	0.64	0.00	0	6,000.00
R186	On 07/02/2019	Bond Future	9.50	Put	523.05000		0.52305		542.24000	0.54224	523.050	7.02	0.28	0.00	0	5,000.00
R186	On 07/02/2019	Bond Future	9.90	Put	161.21000		0.16121		170.63000	0.17063	161.210	7.52	0.10	0.00	0	1,000.00
R186	On 07/02/2019	Bond Future	9.92	Put	151.54000		0.15154		160.49000	0.16049	151.540	7.54	0.10	0.00	0	1,170.00
R186	On 02/05/2019	Bond Future			9.26381		110.58332		9.27054	110.54553		6.83	0.00	0.00	0	3,050.00
R186	On 02/05/2019	Bond Future	8.50	Call	347.85000		0.34785		358.88000	0.35888	347.850	6.17	0.16	0.00	0	7,000.00
R186	On 02/05/2019	Bond Future	8.62	Call	491.07000		0.49107		500.62000	0.50062	491.070	6.29	0.21	0.00	0	90.00
R186	On 02/05/2019	Bond Future	8.65	Call	532.36000		0.53236		541.25000	0.54125	532.360	6.32	0.22	0.00	0	3,250.00
R186	On 02/05/2019	Bond Future	8.70	Call	606.26000		0.60626		614.02000	0.61402	606.260	6.37	0.24	0.00	0	200.00
R186	On 02/05/2019	Bond Future	8.80	Call	772.29000		0.77229		777.17000	0.77717	772.290	6.46	0.28	0.00	0	7,500.00
R186	On 02/05/2019	Bond Future	9.00	Call	1,181.55000		1.18155		1,178.61000	1.17861	1,181.550	6.64	0.38	0.00	0	7,000.00
R186	On 02/05/2019	Bond Future	9.20	Call	1,691.18000		1.69118		1,687.45000	1.68745	1,691.180	6.79	0.48	0.00	0	90.00
R186	On 02/05/2019	Bond Future	9.25	Call	1,834.76000		1.83476		1,830.73000	1.83073	1,834.760	6.83	0.50	0.00	0	3,250.00
R186	On 02/05/2019	Bond Future	9.30	Call	1,985.64000		1.98564		1,985.13000	1.98513	1,985.640	6.87	0.53	0.00	0	200.00
R186	On 02/05/2019	Bond Future	9.75	Put	926.92000		0.92692		974.94000	0.97494	926.920	7.34	0.29	0.00	0	7,000.00
R186	On 02/05/2019	Bond Future	9.96	Put	683.86000		0.68386		726.71000	0.72671	683.860	7.62	0.22	0.00	0	90.00
R186	On 02/05/2019	Bond Future	10.02	Put	627.01000		0.62701		662.47000	0.66247	627.010	7.70	0.21	0.00	0	3,250.00
R186	On 02/05/2019	Bond Future	10.07	Put	583.72000		0.58372		604.30000	0.60430	583.720	7.77	0.19	0.00	0	200.00
R186	On 01/08/2019	Bond Future			9.32819		107.44614		9.33214	107.42458		6.89	0.00	0.00	0	0.00
R186	On 01/08/2019	Bond Future	8.30	Call	331.45000		0.33145		357.19000	0.35719	331.450	5.84	0.13	0.00	0	6,000.00
R186	On 01/08/2019	Bond Future	9.05	Call	1,619.44000		1.61944		1,632.13000	1.63213	1,619.440	6.70	0.41	0.00	0	6,000.00
R186	On 01/08/2019	Bond Future	10.08	Put	1,137.65000		1.13765		1,147.92000	1.14792	1,137.650	7.98	0.26	0.00	0	6,000.00
R186	On 21/12/2026	Price Contribution			100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
R186/R207	On 21/12/2026	Price Contribution			100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
R186/R208	On 21/12/2026	Price Contribution			100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
R197	On 07/02/2019	Bond Future			299.00288		299.00288		298.92589	298.92589			0.00	0.00	0	2,355.00
R197	On 02/05/2019	Bond Future			304.30703		304.30703		304.24228	304.24228			0.00	0.00	0	0.00
R197	On 01/08/2019	Bond Future			302.77515		302.77515		302.75600	302.75600			0.00	0.00	0	0.00
R197	On 07/12/2023	Price Contribution			100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
R202	On 07/02/2019	Bond Future			231.62616		231.62616		231.60937	231.60937			0.00	0.00	0	8,805.00
R202	On 02/05/2019	Bond Future			235.73530		235.73530		235.72839	235.72839			0.00	0.00	0	0.00
R202	On 01/08/2019	Bond Future			236.38914		236.38914		236.41876	236.41876			0.00	0.00	0	0.00
R202	On 07/12/2033	Price Contribution			100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
R2023	On 07/02/2019	Bond Future			8.43435		101.22146		8.44617	101.18222		3.20	0.00	3,239,086.72	32	62,083.00
R2023	On 02/05/2019	Bond Future			8.48345		99.06468		8.49470	99.02916		3.63	0.00	0.00	0	0.00

Contract Details			Strike	Call / Put	MTM	Yield	Mark Price	Spot Rate	Previous MTM	Previous Price	Premium On Option	Volatility	Delta	Delta Value	Contracts Traded	Open Interest
R2023	On 01/08/2019	Bond Future			8.52276		101.00385		8.52968	100.98324		3.49	0.00	0.00	0	0.00
R2023	On 28/02/2023	Price Contribution			100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
R2030	On 07/02/2019	Bond Future			9.71227		88.86031		9.70447	88.90819		9.38	0.00	2,665,809.30	30	56,466.00
R2030	On 07/02/2019	Bond Future	8.90	Call	57.49000		0.05749		56.73000	0.05673	57.490	8.48	0.05	0.00	0	1,320.00
R2030	On 07/02/2019	Bond Future	9.18	Call	222.99000		0.22299		237.60000	0.23760	222.990	8.69	0.14	0.00	0	4,000.00
R2030	On 07/02/2019	Bond Future	9.60	Call	980.20000		0.98020	1,006.41000	1.00641	980.200	980.200	9.22	0.42	0.00	0	1,320.00
R2030	On 07/02/2019	Bond Future	9.68	Call	1,208.45000		1.20845	1,239.15000	1.23915	1,208.450		9.31	0.48	0.00	0	4,000.00
R2030	On 07/02/2019	Bond Future	10.20	Put	383.01000		0.38301	394.53000	0.39453	383.010		10.01	0.19	0.00	0	4,000.00
R2030	On 02/05/2019	Bond Future			9.78175		90.41702		9.77302	90.46970		9.43	0.00	0.00	0	0.00
R2030	On 02/05/2019	Bond Future	8.90	Call	310.42000		0.31042	335.87000	0.33587	310.420		8.42	0.13	0.00	0	3,000.00
R2030	On 02/05/2019	Bond Future	9.40	Call	1,094.13000		1.09413	1,127.57000	1.12757	1,094.130	1,094.130	9.06	0.33	0.00	0	3,000.00
R2030	On 02/05/2019	Bond Future	10.20	Put	1,190.81000		1.19081	1,212.35000	1.21235	1,190.810		10.00	0.32	0.00	0	3,000.00
R2030	On 01/08/2019	Bond Future			9.85309		88.18162		9.84162	88.24956		9.50	0.00	0.00	0	0.00
R2030	On 31/01/2030	Price Contribution			100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
R2032	On 07/02/2019	Bond Future			9.91375		90.96962		9.90618	91.01982		10.13	0.00	0.00	0	43,322.00
R2032	On 02/05/2019	Bond Future			9.98193		88.40628		9.97349	88.46142		10.62	0.00	0.00	0	0.00
R2032	On 01/08/2019	Bond Future			10.04956		90.13702		10.03865	90.20723		10.17	0.00	0.00	0	0.00
R2032	On 31/03/2032	Price Contribution			100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
R2035	On 07/02/2019	Bond Future			10.05972		94.69811		10.05227	94.75273		10.81	0.00	0.00	0	71,612.00
R2035	On 02/05/2019	Bond Future			10.12514		91.85667		10.11690	91.91630		11.35	0.00	0.00	0	0.00
R2035	On 01/08/2019	Bond Future			10.19118		93.65481		10.18063	93.73013		10.88	0.00	0.00	0	0.00
R2035	On 28/02/2035	Price Contribution			100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
R2037	On 07/02/2019	Bond Future			10.12610		86.93906		10.11844	86.99539		11.88	0.00	69,203,491.76	796	57,873.00
R2037	On 02/05/2019	Bond Future			10.19368		88.46203		10.18524	88.52334		11.90	0.00	0.00	0	0.00
R2037	On 01/08/2019	Bond Future			10.26363		85.93817		10.25297	86.01459		11.98	0.00	0.00	0	0.00
R2037	On 31/01/2037	Price Contribution			100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
R204	On 21/12/2018	Price Contribution			100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
R204/R203	On 21/12/2018	Price Contribution			100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
R2040	On 06/10/2015	Price Contribution			100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
R2040	On 07/02/2019	Bond Future			10.19581		90.02090		10.19836	90.00083		12.27	0.00	0.00	0	32,389.00
R2040	On 02/05/2019	Bond Future			10.26290		91.59793		10.26500	91.58159		12.30	0.00	0.00	0	0.00
R2040	On 02/05/2019	Bond Future	9.60	Call	779.89000		0.77989	816.60000	0.81660	779.890	779.890	11.34	0.22	0.00	0	1,150.00
R2040	On 02/05/2019	Bond Future	10.20	Call	2,547.90000		2.54790	2,567.54000	2.56754	2,547.900	2,547.900	12.24	0.49	0.00	0	1,150.00
R2040	On 01/08/2019	Bond Future			10.33245		88.88511		10.33275	88.88281		12.40	0.00	0.00	0	0.00
R2040	On 31/01/2040	Price Contribution			100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
R2044	On 07/02/2019	Bond Future			10.21921		87.10035		10.22168	87.08067		12.84	0.00	0.00	0	36,786.00

Contract Details	Strike	Call / Put	MTM	Yield	Mark Price	Spot Rate	Previous MTM	Previous Price	Premium On Option	Volatility	Delta	Delta Value	Contracts Traded	Open Interest
R2044	On 02/05/2019	Bond Future		10.28388	88.62622		10.28592	88.61015		12.88	0.00	0.00	0	0.00
R2044	On 01/08/2019	Bond Future		10.35085	85.98038		10.35117	85.97789		12.99	0.00	0.00	0	0.00
R2044	On 31/01/2044	Price Contribution		100.00000	100.00000		100.00000	100.00000			0.00	0.00	0	0.00
R2048	On 07/02/2019	Bond Future		10.20002	90.55408		10.20257	90.53327		12.58	0.00	3,259,946.88	36	106,683.00
R2048	On 02/05/2019	Bond Future		10.25929	87.70339		10.26143	87.68611		13.26	0.00	0.00	0	0.00
R2048	On 01/08/2019	Bond Future		10.31908	89.42029		10.31955	89.41654		12.74	0.00	0.00	0	0.00
R2048	On 28/02/2048	Price Contribution		100.00000	100.00000		100.00000	100.00000			0.00	0.00	0	0.00
R207	On 07/02/2019	Bond Future		5.96912	101.68730		5.95140	101.70314		0.31	0.00	0.00	0	15,739.00
R207	On 02/05/2019	Bond Future		5.40145	103.46848		5.37085	103.48924		0.35	0.00	0.00	0	0.00
R207	On 01/08/2019	Bond Future		3.92301	101.85159		3.83906	101.88891		0.20	0.00	0.00	0	0.00
R207	On 15/01/2020	Price Contribution		100.00000	100.00000		100.00000	100.00000			0.00	0.00	0	0.00
R207/R203	On 15/01/2020	Price Contribution		100.00000	100.00000		100.00000	100.00000			0.00	0.00	0	0.00
R208	On 07/02/2019	Bond Future		7.23408	101.55233		7.23520	101.55017		1.13	0.00	0.00	0	17,015.00
R208	On 02/05/2019	Bond Future		7.17536	99.93008		7.17400	99.93244		1.45	0.00	0.00	0	0.00
R208	On 01/08/2019	Bond Future		7.05150	101.88627		7.03963	101.90443		1.34	0.00	0.00	0	0.00
R208	On 31/03/2021	Price Contribution		100.00000	100.00000		100.00000	100.00000			0.00	0.00	0	0.00
R208/R204	On 31/03/2021	Price Contribution		100.00000	100.00000		100.00000	100.00000			0.00	0.00	0	0.00
R208/R207	On 31/03/2021	Price Contribution		100.00000	100.00000		100.00000	100.00000			0.00	0.00	0	0.00
R209	On 07/02/2019	Bond Future		9.98731	71.93134		9.98455	71.94856		12.12	0.00	60,350,394.26	839	119,368.00
R209	On 07/02/2019	Bond Future	9.04	Call	31.81000	0.03181	29.13000	0.02913	31.810	10.92	0.03	0.00	0	4,000.00
R209	On 07/02/2019	Bond Future	9.54	Call	349.43000	0.34943	374.75000	0.37475	349.430	11.39	0.20	0.00	0	4,000.00
R209	On 07/02/2019	Bond Future	10.20	Put	839.14000	0.83914	871.86000	0.87186	839.140	12.43	0.35	0.00	0	4,000.00
R209	On 02/05/2019	Bond Future		10.04627	70.04220		10.04291	70.06294		12.78	0.00	0.00	0	0.00
R209	On 02/05/2019	Bond Future	9.35	Call	579.41000	0.57941	617.06000	0.61706	579.410	11.77	0.21	0.00	0	760.00
R209	On 02/05/2019	Bond Future	9.95	Call	1,930.75000	1.93075	1,967.16000	1.96716	1,930.750	12.71	0.47	0.00	0	760.00
R209	On 02/05/2019	Bond Future	10.50	Put	1,211.25000	1.21125	1,252.30000	1.25230	1,211.250	13.64	0.31	0.00	0	11,560.00
R209	On 02/05/2019	Bond Future	10.71	Put	916.57000	0.91657	952.68000	0.95268	916.570	14.12	0.24	0.00	0	760.00
R209	On 01/08/2019	Bond Future		10.10446	71.41340		10.09918	71.44566		12.37	0.00	0.00	0	0.00
R209	On 31/03/2036	Price Contribution		6.25000	6.25000		6.25000	6.25000			0.00	0.00	0	0.00
R209/R186	On 31/03/2036	Price Contribution		100.00000	100.00000		100.00000	100.00000			0.00	0.00	0	0.00
R209/R204	On 31/03/2036	Price Contribution		100.00000	100.00000		100.00000	100.00000			0.00	0.00	0	0.00
R209/R208	On 31/03/2036	Price Contribution		100.00000	100.00000		100.00000	100.00000			0.00	0.00	0	0.00
R210	On 07/02/2019	Bond Future		186.09034	186.09034		186.30399	186.30399			0.00	0.00	0	2,458.00

Contract Details	Strike	Call / Put	MTM	Yield	Mark Price	Spot Rate	Previous MTM	Previous Price	Premium On Option	Volatility	Delta	Delta Value	Contracts Traded	Open Interest
R210	On 02/05/2019	Bond Future	186.83564		186.83564		187.06149	187.06149			0.00	0.00	0	0.00
R210	On 01/08/2019	Bond Future	190.53638		190.53638		190.79589	190.79589			0.00	0.00	0	0.00
R210	On 31/03/2028	Price Contribution	100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
R212	On 07/02/2019	Bond Future	155.74762		155.74762		155.74277	155.74277			0.00	0.00	0	4,976.00
R212	On 02/05/2019	Bond Future	158.51064		158.51064		158.51274	158.51274			0.00	0.00	0	0.00
R212	On 01/08/2019	Bond Future	161.57907		161.57907		161.60593	161.60593			0.00	0.00	0	0.00
R212	On 31/01/2022	Price Contribution	100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
R213	On 07/02/2019	Bond Future	9.79812		83.64947		9.79048	83.69551		9.86	0.00	26,851,479.87	321	32,479.00
R213	On 02/05/2019	Bond Future	9.86093		81.56524		9.85244	81.61569		10.38	0.00	0.00	0	0.00
R213	On 01/08/2019	Bond Future	9.92366		83.16188		9.91268	83.22615		10.04	0.00	0.00	0	0.00
R213	On 28/02/2031	Price Contribution	100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
R213/R186	On 28/02/2031	Price Contribution	100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
R214	On 07/02/2019	Bond Future	10.17438		70.89330		10.17689	70.87718		12.93	0.00	88,616,625.00	1,250	31,403.00
R214	On 02/05/2019	Bond Future	10.23280		68.83915		10.23490	68.82579		13.65	0.00	0.00	0	0.00
R214	On 01/08/2019	Bond Future	10.29164		70.18671		10.29207	70.18400		13.16	0.00	0.00	0	0.00
R214	On 28/02/2041	Price Contribution	100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
R214/R209	On 28/02/2041	Price Contribution	100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
SGD / R	On 14/12/2018	Foreign Exchange Future	10.32240		10.32240		10.45800	10.45800		19.05	0.00	0.00	0	0.00
SGD / R	On 18/03/2019	Foreign Exchange Future	10.46220		10.46220		10.60030	10.60030		15.63	0.00	0.00	0	0.00
SGD / R	On 14/06/2019	Foreign Exchange Future	10.60290		10.60290		10.74370	10.74370		15.68	0.00	0.00	0	0.00
TRY / R	On 14/12/2018	Foreign Exchange Future	2.64100		2.64100		2.66820	2.66820		25.56	0.00	0.00	0	0.00
TRY / R	On 18/03/2019	Foreign Exchange Future	2.53710		2.53710		2.56150	2.56150		20.83	0.00	0.00	0	14,000.00
TRY / R	On 14/06/2019	Foreign Exchange Future	2.45190		2.45190		2.47440	2.47440		21.12	0.00	0.00	0	0.00
Total for Derivatives :												6,700,715,094.18	445,974	10 940 354.00
Grand Total:												6,700,715,094.18	445,974	10 940 354.00