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INTEREST RATE AND CURRENCY DERIVATIVES

DERIVATIVES MONTHLY STATISTICS REPORT

For April 2019

Date	Contract Details	Strike	Call/ Put	Product	MTM Yield	Previous Day's Closing MTM	MTM Price	Previous Day's Closing Price	Open Interest
18/04/2019	0457 On 15-January-20			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
18/04/2019	0703 On 15-January-20			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
18/04/2019	0757 On 15-January-20			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
18/04/2019	0804 On 31-March-21			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
18/04/2019	0807 On 31-March-21			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
18/04/2019	0857 On 31-March-21			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
18/04/2019	0904 On 31-March-36			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
18/04/2019	0908 On 31-March-36			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
18/04/2019	0957 On 31-March-36			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
18/04/2019	0986 On 31-March-36			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
18/04/2019	1386 On 28-February-31			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
18/04/2019	1409 On 28-February-41			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
18/04/2019	2025 On 02-May-19			Bond Future	134.72	134.3820	134.7191	134.3820	643.00
18/04/2019	2025 On 01-August-19			Bond Future	135.79	135.4472	135.7901	135.4472	1,010.00

Date	Contract Details	Strike	Call/ Put	Product	MTM Yield	Previous Day's Closing MTM	MTM Price	Previous Day's Closing Price	Open Interest
18/04/2019	2025 On 07-November-19			Bond Future	138.61	138.2594	138.6091	138.2594	0.00
18/04/2019	2025 On 06-February-20			Bond Future	139.90	139.5418	139.8984	139.5418	0.00
18/04/2019	2029 On 02-May-19			Bond Future	101.22	100.6964	101.2179	100.6964	2,954.00
18/04/2019	2029 On 01-August-19			Bond Future	103.10	102.5705	103.1013	102.5705	3,930.00
18/04/2019	2029 On 07-November-19			Bond Future	104.15	103.6088	104.1505	103.6088	0.00
18/04/2019	2029 On 06-February-20			Bond Future	106.22	105.6713	106.2237	105.6713	0.00
18/04/2019	2030 On 02-May-19			Bond Future	8.99	95.1482	8.9936	95.1482	38,615.00
18/04/2019	2030 On 02-May-19	9.39	Call	Bond Future	2574	2	2574	2	0.00
18/04/2019	2030 On 02-May-19	10.20	Call	Bond Future	7407	7	7407	7	0.00
18/04/2019	2030 On 02-May-19	9.41	Call	Bond Future	2692	3	2692	3	0.00
18/04/2019	2030 On 02-May-19	8.90	Call	Bond Future	375	0	375	0	3,000.00
18/04/2019	2030 On 02-May-19	9.40	Call	Bond Future	2633	2	2633	2	3,000.00
18/04/2019	2030 On 02-May-19	9.40	Put	Bond Future	46	0	46	0	0.00
18/04/2019	2030 On 02-May-19	9.41	Put	Bond Future	42	0	42	0	0.00
18/04/2019	2030 On 02-May-19	8.90	Put	Bond Future	986	1	986	1	0.00
18/04/2019	2030 On 02-May-19	10.20	Put	Bond Future	0	0	0	0	3,000.00
18/04/2019	2030 On 02-May-19	9.39	Put	Bond Future	49	0	49	0	0.00
18/04/2019	2030 On 01-August-19			Bond Future	9.05	92.8906	9.0529	92.8906	19,382.00
18/04/2019	2030 On 01-August-19	8.35	Call	Bond Future	255	0	255	0	2,025.00
18/04/2019	2030 On 01-August-19	9.69	Call	Bond Future	4452	4	4452	4	0.00
18/04/2019	2030 On 01-August-19	9.22	Call	Bond Future	2342	2	2342	2	5,400.00
18/04/2019	2030 On 01-August-19	9.68	Call	Bond Future	4402	4	4402	4	0.00
18/04/2019	2030 On 01-August-19	9.92	Call	Bond Future	5632	5	5632	5	0.00
18/04/2019	2030 On 01-August-19	8.67	Call	Bond Future	711	1	711	1	5,400.00
18/04/2019	2030 On 01-August-19	9.15	Call	Bond Future	2080	2	2080	2	2,025.00
18/04/2019	2030 On 01-August-19	9.91	Call	Bond Future	5580	5	5580	5	0.00
18/04/2019	2030 On 01-August-19	8.77	Call	Bond Future	931	1	931	1	0.00
18/04/2019	2030 On 01-August-19	9.27	Call	Bond Future	2539	2	2539	2	0.00
18/04/2019	2030 On 01-August-19	9.90	Call	Bond Future	5528	5	5528	5	0.00
18/04/2019	2030 On 01-August-19	9.92	Put	Bond Future	325	0	325	0	0.00
18/04/2019	2030 On 01-August-19	9.27	Put	Bond Future	1171	1	1171	1	0.00
18/04/2019	2030 On 01-August-19	8.77	Put	Bond Future	2755	3	2755	3	0.00
18/04/2019	2030 On 01-August-19	9.68	Put	Bond Future	523	1	523	1	4,800.00
18/04/2019	2030 On 01-August-19	9.90	Put	Bond Future	338	0	338	0	0.00

Date	Contract Details	Strike	Call/ Put	Product	MTM Yield	Previous Day's Closing MTM	MTM Price	Previous Day's Closing Price	Open Interest
18/04/2019	2030 On 01-August-19	9.91	Put	Bond Future	331	0	331	0	0.00
18/04/2019	2030 On 01-August-19	8.67	Put	Bond Future	3191	3	3191	3	0.00
18/04/2019	2030 On 01-August-19	9.15	Put	Bond Future	1465	2	1465	2	0.00
18/04/2019	2030 On 01-August-19	9.69	Put	Bond Future	512	1	512	1	5,400.00
18/04/2019	2030 On 01-August-19	9.22	Put	Bond Future	1287	1	1287	1	0.00
18/04/2019	2030 On 01-August-19	8.35	Put	Bond Future	4875	5	4875	5	0.00
18/04/2019	2030 On 07-November-19			Bond Future	9.10	94.7958	9.1027	94.7958	0.00
18/04/2019	2030 On 07-November-19	9.48	Call	Bond Future	3870	4	3870	4	0.00
18/04/2019	2030 On 07-November-19	9.49	Call	Bond Future	3911	4	3911	4	0.00
18/04/2019	2030 On 07-November-19	9.47	Call	Bond Future	3830	4	3830	4	0.00
18/04/2019	2030 On 07-November-19	9.47	Put	Bond Future	1573	2	1573	2	0.00
18/04/2019	2030 On 07-November-19	9.48	Put	Bond Future	1553	2	1553	2	0.00
18/04/2019	2030 On 07-November-19	9.49	Put	Bond Future	1533	2	1533	2	0.00
18/04/2019	2030 On 06-February-20			Bond Future	9.14	92.6523	9.1428	92.6523	0.00
18/04/2019	2030 On 06-February-20	9.14	Call	Bond Future	3200	3	3200	3	0.00
18/04/2019	2030 On 06-February-20	9.16	Call	Bond Future	3266	3	3266	3	0.00
18/04/2019	2030 On 06-February-20	9.15	Call	Bond Future	3233	3	3233	3	0.00
18/04/2019	2030 On 06-February-20	9.14	Put	Bond Future	3217	3	3217	3	0.00
18/04/2019	2030 On 06-February-20	9.16	Put	Bond Future	3161	3	3161	3	0.00
18/04/2019	2030 On 06-February-20	9.15	Put	Bond Future	3189	3	3189	3	0.00
18/04/2019	2032 On 02-May-19			Bond Future	9.23	93.3110	9.2334	93.3110	23,120.00
18/04/2019	2032 On 02-May-19	9.61	Call	Bond Future	2679	3	2679	3	0.00
18/04/2019	2032 On 02-May-19	9.63	Call	Bond Future	2805	3	2805	3	0.00
18/04/2019	2032 On 02-May-19	9.62	Call	Bond Future	2742	3	2742	3	0.00
18/04/2019	2032 On 02-May-19	9.61	Put	Bond Future	69	0	69	0	0.00
18/04/2019	2032 On 02-May-19	9.63	Put	Bond Future	60	0	60	0	0.00
18/04/2019	2032 On 02-May-19	9.62	Put	Bond Future	64	0	64	0	0.00
18/04/2019	2032 On 01-August-19			Bond Future	9.29	95.0245	9.2914	95.0245	18,550.00
18/04/2019	2032 On 01-August-19	10.11	Call	Bond Future	5873	6	5873	6	0.00
18/04/2019	2032 On 01-August-19	10.10	Call	Bond Future	5817	6	5817	6	0.00
18/04/2019	2032 On 01-August-19	10.09	Call	Bond Future	5761	6	5761	6	0.00
18/04/2019	2032 On 01-August-19	10.09	Put	Bond Future	429	0	429	0	0.00
18/04/2019	2032 On 01-August-19	10.11	Put	Bond Future	413	0	413	0	0.00
18/04/2019	2032 On 01-August-19	10.10	Put	Bond Future	421	0	421	0	0.00

Date	Contract Details	Strike	Call/ Put	Product	MTM Yield	Previous Day's Closing MTM	MTM Price	Previous Day's Closing Price	Open Interest
18/04/2019	2032 On 07-November-19			Bond Future	9.35	92.8110	9.3474	92.8110	0.00
18/04/2019	2032 On 07-November-19	9.72	Call	Bond Future	4252	4	4252	4	0.00
18/04/2019	2032 On 07-November-19	9.71	Call	Bond Future	4209	4	4209	4	0.00
18/04/2019	2032 On 07-November-19	9.70	Call	Bond Future	4165	4	4165	4	0.00
18/04/2019	2032 On 07-November-19	9.71	Put	Bond Future	1772	2	1772	2	0.00
18/04/2019	2032 On 07-November-19	9.70	Put	Bond Future	1795	2	1795	2	0.00
18/04/2019	2032 On 07-November-19	9.72	Put	Bond Future	1750	2	1750	2	0.00
18/04/2019	2032 On 06-February-20			Bond Future	9.39	94.6382	9.3927	94.6382	0.00
18/04/2019	2032 On 06-February-20	9.39	Call	Bond Future	3617	4	3617	4	0.00
18/04/2019	2032 On 06-February-20	9.40	Call	Bond Future	3652	4	3652	4	0.00
18/04/2019	2032 On 06-February-20	9.38	Call	Bond Future	3582	3	3582	3	0.00
18/04/2019	2032 On 06-February-20	9.38	Put	Bond Future	3667	4	3667	4	0.00
18/04/2019	2032 On 06-February-20	9.39	Put	Bond Future	3635	4	3635	4	0.00
18/04/2019	2032 On 06-February-20	9.40	Put	Bond Future	3603	4	3603	4	0.00
18/04/2019	2033 On 02-May-19			Bond Future	103.61	102.7736	103.6134	102.7736	2,184.00
18/04/2019	2033 On 01-August-19			Bond Future	105.54	104.6865	105.5414	104.6865	6,090.00
18/04/2019	2033 On 07-November-19			Bond Future	106.57	105.6937	106.5661	105.6937	0.00
18/04/2019	2033 On 06-February-20			Bond Future	108.69	107.7977	108.6874	107.7977	0.00
18/04/2019	2037 On 02-May-19			Bond Future	9.52	93.1801	9.5189	93.1801	39,167.00
18/04/2019	2037 On 02-May-19	9.80	Call	Bond Future	2334	2	2334	2	0.00
18/04/2019	2037 On 02-May-19	9.79	Call	Bond Future	2268	2	2268	2	0.00
18/04/2019	2037 On 02-May-19	9.81	Call	Bond Future	2401	2	2401	2	0.00
18/04/2019	2037 On 02-May-19	9.79	Put	Bond Future	157	0	157	0	0.00
18/04/2019	2037 On 02-May-19	9.80	Put	Bond Future	146	0	146	0	0.00
18/04/2019	2037 On 02-May-19	9.81	Put	Bond Future	136	0	136	0	0.00
18/04/2019	2037 On 01-August-19			Bond Future	9.58	90.6360	9.5815	90.6360	25,570.00
18/04/2019	2037 On 01-August-19	10.29	Call	Bond Future	5908	6	5908	6	0.00
18/04/2019	2037 On 01-August-19	10.31	Call	Bond Future	6029	6	6029	6	0.00
18/04/2019	2037 On 01-August-19	10.30	Call	Bond Future	5968	6	5968	6	0.00
18/04/2019	2037 On 01-August-19	10.30	Put	Bond Future	601	1	601	1	0.00
18/04/2019	2037 On 01-August-19	10.31	Put	Bond Future	590	1	590	1	0.00
18/04/2019	2037 On 01-August-19	10.29	Put	Bond Future	612	1	612	1	0.00
18/04/2019	2037 On 07-November-19			Bond Future	9.64	92.4951	9.6370	92.4951	0.00
18/04/2019	2037 On 07-November-19	9.95	Call	Bond Future	4561	4	4561	4	0.00

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18/04/2019	2037 On 07-November-19	9.97	Call	Bond Future	4656	4	4656	4	0.00
18/04/2019	2037 On 07-November-19	9.96	Call	Bond Future	4608	4	4608	4	0.00
18/04/2019	2037 On 07-November-19	9.96	Put	Bond Future	2163	2	2163	2	0.00
18/04/2019	2037 On 07-November-19	9.97	Put	Bond Future	2137	2	2137	2	0.00
18/04/2019	2037 On 07-November-19	9.95	Put	Bond Future	2190	2	2190	2	0.00
18/04/2019	2037 On 06-February-20			Bond Future	9.68	90.0557	9.6839	90.0557	0.00
18/04/2019	2037 On 06-February-20	9.68	Call	Bond Future	4180	4	4180	4	0.00
18/04/2019	2037 On 06-February-20	9.67	Call	Bond Future	4140	4	4140	4	0.00
18/04/2019	2037 On 06-February-20	9.66	Call	Bond Future	4101	4	4101	4	0.00
18/04/2019	2037 On 06-February-20	9.67	Put	Bond Future	4247	4	4247	4	0.00
18/04/2019	2037 On 06-February-20	9.66	Put	Bond Future	4284	5	4284	5	0.00
18/04/2019	2037 On 06-February-20	9.68	Put	Bond Future	4210	4	4210	4	0.00
18/04/2019	2038 On 02-May-19			Bond Future	121.46	120.5853	121.4567	120.5853	10,413.00
18/04/2019	2038 On 01-August-19			Bond Future	122.10	121.2143	122.1015	121.2143	9,422.00
18/04/2019	2038 On 07-November-19			Bond Future	124.64	123.7309	124.6365	123.7309	0.00
18/04/2019	2038 On 06-February-20			Bond Future	125.46	124.5407	125.4638	124.5407	0.00
18/04/2019	2040 On 02-May-19			Bond Future	9.60	96.5380	9.6039	96.5380	16,022.00
18/04/2019	2040 On 02-May-19	9.90	Call	Bond Future	2623	2	2623	2	0.00
18/04/2019	2040 On 02-May-19	10.20	Call	Bond Future	4896	4	4896	4	1,150.00
18/04/2019	2040 On 02-May-19	9.89	Call	Bond Future	2551	2	2551	2	0.00
18/04/2019	2040 On 02-May-19	9.60	Call	Bond Future	839	1	839	1	1,150.00
18/04/2019	2040 On 02-May-19	9.88	Call	Bond Future	2480	2	2480	2	0.00
18/04/2019	2040 On 02-May-19	10.15	Call	Bond Future	4510	4	4510	4	0.00
18/04/2019	2040 On 02-May-19	9.65	Call	Bond Future	1070	1	1070	1	0.00
18/04/2019	2040 On 02-May-19	10.15	Put	Bond Future	21	0	21	0	880.00
18/04/2019	2040 On 02-May-19	9.65	Put	Bond Future	677	1	677	1	880.00
18/04/2019	2040 On 02-May-19	9.89	Put	Bond Future	156	0	156	0	0.00
18/04/2019	2040 On 02-May-19	9.88	Put	Bond Future	167	0	167	0	0.00
18/04/2019	2040 On 02-May-19	9.90	Put	Bond Future	146	0	146	0	0.00
18/04/2019	2040 On 02-May-19	9.60	Put	Bond Future	872	1	872	1	0.00
18/04/2019	2040 On 02-May-19	10.20	Put	Bond Future	14	0	14	0	0.00
18/04/2019	2040 On 01-August-19			Bond Future	9.67	93.8053	9.6664	93.8053	16,547.00
18/04/2019	2040 On 01-August-19	10.36	Call	Bond Future	6272	6	6272	6	0.00
18/04/2019	2040 On 01-August-19	10.37	Call	Bond Future	6336	6	6336	6	0.00

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18/04/2019	2040 On 01-August-19	10.38	Call	Bond Future	6400	6	6400	6	0.00
18/04/2019	2040 On 01-August-19	10.38	Put	Bond Future	674	1	674	1	0.00
18/04/2019	2040 On 01-August-19	10.36	Put	Bond Future	699	1	699	1	0.00
18/04/2019	2040 On 01-August-19	10.37	Put	Bond Future	687	1	687	1	0.00
18/04/2019	2040 On 07-November-19			Bond Future	9.72	95.7294	9.7221	95.7294	0.00
18/04/2019	2040 On 07-November-19	10.03	Call	Bond Future	4911	5	4911	5	0.00
18/04/2019	2040 On 07-November-19	10.04	Call	Bond Future	4963	5	4963	5	0.00
18/04/2019	2040 On 07-November-19	10.05	Call	Bond Future	5015	5	5015	5	0.00
18/04/2019	2040 On 07-November-19	10.05	Put	Bond Future	2343	3	2343	3	0.00
18/04/2019	2040 On 07-November-19	10.03	Put	Bond Future	2398	3	2398	3	0.00
18/04/2019	2040 On 07-November-19	10.04	Put	Bond Future	2370	3	2370	3	0.00
18/04/2019	2040 On 06-February-20			Bond Future	9.77	93.1031	9.7695	93.1031	0.00
18/04/2019	2040 On 06-February-20	9.74	Call	Bond Future	4344	4	4344	4	0.00
18/04/2019	2040 On 06-February-20	9.76	Call	Bond Future	4429	4	4429	4	0.00
18/04/2019	2040 On 06-February-20	9.75	Call	Bond Future	4387	4	4387	4	0.00
18/04/2019	2040 On 06-February-20	9.75	Put	Bond Future	4548	5	4548	5	0.00
18/04/2019	2040 On 06-February-20	9.76	Put	Bond Future	4507	5	4507	5	0.00
18/04/2019	2040 On 06-February-20	9.74	Put	Bond Future	4588	5	4588	5	0.00
18/04/2019	2044 On 02-May-19			Bond Future	9.61	93.6628	9.6134	93.6628	24,898.00
18/04/2019	2044 On 02-May-19	9.90	Call	Bond Future	2611	2	2611	2	0.00
18/04/2019	2044 On 02-May-19	9.91	Call	Bond Future	2684	2	2684	2	0.00
18/04/2019	2044 On 02-May-19	9.92	Call	Bond Future	2757	2	2757	2	0.00
18/04/2019	2044 On 02-May-19	9.91	Put	Bond Future	149	0	149	0	0.00
18/04/2019	2044 On 02-May-19	9.92	Put	Bond Future	138	0	138	0	0.00
18/04/2019	2044 On 02-May-19	9.90	Put	Bond Future	159	0	159	0	0.00
18/04/2019	2044 On 01-August-19			Bond Future	9.67	91.0025	9.6729	91.0025	13,146.00
18/04/2019	2044 On 01-August-19	10.39	Call	Bond Future	6554	6	6554	6	0.00
18/04/2019	2044 On 01-August-19	10.53	Call	Bond Future	7475	7	7475	7	0.00
18/04/2019	2044 On 01-August-19	9.86	Call	Bond Future	3373	3	3373	3	100.00
18/04/2019	2044 On 01-August-19	10.40	Call	Bond Future	6620	6	6620	6	0.00
18/04/2019	2044 On 01-August-19	9.36	Call	Bond Future	1246	1	1246	1	100.00
18/04/2019	2044 On 01-August-19	10.38	Call	Bond Future	6489	6	6489	6	0.00
18/04/2019	2044 On 01-August-19	10.38	Put	Bond Future	701	1	701	1	0.00
18/04/2019	2044 On 01-August-19	9.36	Put	Bond Future	4019	4	4019	4	0.00

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18/04/2019	2044 On 01-August-19	10.53	Put	Bond Future	537	1	537	1	100.00
18/04/2019	2044 On 01-August-19	10.40	Put	Bond Future	676	1	676	1	0.00
18/04/2019	2044 On 01-August-19	9.86	Put	Bond Future	1779	2	1779	2	0.00
18/04/2019	2044 On 01-August-19	10.39	Put	Bond Future	688	1	688	1	0.00
18/04/2019	2044 On 07-November-19			Bond Future	9.73	92.8691	9.7258	92.8691	0.00
18/04/2019	2044 On 07-November-19	10.06	Call	Bond Future	5172	5	5172	5	0.00
18/04/2019	2044 On 07-November-19	10.07	Call	Bond Future	5226	5	5226	5	0.00
18/04/2019	2044 On 07-November-19	10.05	Call	Bond Future	5119	5	5119	5	0.00
18/04/2019	2044 On 07-November-19	10.05	Put	Bond Future	2414	3	2414	3	0.00
18/04/2019	2044 On 07-November-19	10.06	Put	Bond Future	2386	3	2386	3	0.00
18/04/2019	2044 On 07-November-19	10.07	Put	Bond Future	2358	3	2358	3	0.00
18/04/2019	2044 On 06-February-20			Bond Future	9.77	90.3118	9.7707	90.3118	0.00
18/04/2019	2044 On 06-February-20	9.77	Call	Bond Future	4586	4	4586	4	0.00
18/04/2019	2044 On 06-February-20	9.76	Call	Bond Future	4542	4	4542	4	0.00
18/04/2019	2044 On 06-February-20	9.78	Call	Bond Future	4629	4	4629	4	0.00
18/04/2019	2044 On 06-February-20	9.76	Put	Bond Future	4632	5	4632	5	0.00
18/04/2019	2044 On 06-February-20	9.78	Put	Bond Future	4550	5	4550	5	0.00
18/04/2019	2044 On 06-February-20	9.77	Put	Bond Future	4591	5	4591	5	0.00
18/04/2019	2046 On 02-May-19			Bond Future	113.01	112.8222	113.0142	112.8222	11,310.00
18/04/2019	2046 On 01-August-19			Bond Future	115.12	114.9219	115.1173	114.9219	4,753.00
18/04/2019	2046 On 07-November-19			Bond Future	115.79	115.5931	115.7923	115.5931	0.00
18/04/2019	2046 On 06-February-20			Bond Future	118.10	117.8944	118.0974	117.8944	0.00
18/04/2019	2050 On 02-May-19			Bond Future	119.37	117.8160	119.3744	117.8160	10,666.00
18/04/2019	2050 On 01-August-19			Bond Future	119.80	118.2174	119.8046	118.2174	5,112.00
18/04/2019	2050 On 07-November-19			Bond Future	122.29	120.6718	122.2917	120.6718	0.00
18/04/2019	2050 On 06-February-20			Bond Future	122.89	121.2374	122.8894	121.2374	0.00
18/04/2019	8607 On 21-December-26			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
18/04/2019	8608 On 21-December-26			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
18/04/2019	8657 On 21-December-26			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
18/04/2019	AL37 On 02-May-19			Index Future	634.12	633.9870	634.1190	633.9870	0.00
18/04/2019	AL37 On 01-August-19			Index Future	645.77	645.6330	645.7650	645.6330	0.00
18/04/2019	AL37 On 07-November-19			Index Future	659.01	658.8730	659.0070	658.8730	0.00
18/04/2019	AL37 On 06-February-20			Index Future	671.97	671.8390	671.9740	671.8390	0.00
18/04/2019	AL7T On 02-May-19			Index Future	738.38	737.5750	738.3840	737.5750	0.00

Date	Contract Details	Strike	Call/ Put	Product	MTM Yield	Previous Day's Closing MTM	MTM Price	Previous Day's Closing Price	Open Interest
18/04/2019	AL7T On 01-August-19			Index Future	751.95	751.1250	751.9460	751.1250	0.00
18/04/2019	AL7T On 07-November-19			Index Future	767.36	766.5280	767.3640	766.5280	0.00
18/04/2019	AL7T On 06-February-20			Index Future	782.46	781.6120	782.4640	781.6120	0.00
18/04/2019	ALBI On 02-May-19			Index Future	669.30	667.3840	669.2970	667.3840	370.00
18/04/2019	ALBI On 01-August-19			Index Future	681.59	679.6440	681.5900	679.6440	794.00
18/04/2019	ALBI On 07-November-19			Index Future	695.57	693.5810	695.5660	693.5810	0.00
18/04/2019	ALBI On 06-February-20			Index Future	709.25	707.2300	709.2530	707.2300	0.00
18/04/2019	C002 On 31-March-32			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
18/04/2019	C007 On 31-January-37			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
18/04/2019	C023 On 28-February-23			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
18/04/2019	C025 On 31-January-25			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
18/04/2019	C030 On 31-January-30			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
18/04/2019	C035 On 28-February-35			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
18/04/2019	C038 On 31-January-38			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
18/04/2019	C040 On 06-October-15			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
18/04/2019	C040 On 31-January-40			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
18/04/2019	C044 On 31-January-44			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
18/04/2019	C048 On 28-February-48			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
18/04/2019	C050 On 31-December-50			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
18/04/2019	C070 On 01-August-21			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
18/04/2019	C186 On 21-December-26			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
18/04/2019	C197 On 07-December-23			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
18/04/2019	C202 On 07-December-33			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
18/04/2019	C207 On 15-January-20			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
18/04/2019	C208 On 31-March-21			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
18/04/2019	C209 On 31-March-36			Price Contribution	6.25	6.2500	6.2500	6.2500	0.00
18/04/2019	C210 On 31-March-28			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
18/04/2019	C212 On 31-January-22			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
18/04/2019	C213 On 28-February-31			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
18/04/2019	C214 On 28-February-41			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
18/04/2019	C223 On 25-January-23			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
18/04/2019	C226 On 25-January-23			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
18/04/2019	C303 On 14-August-15			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
18/04/2019	C303 On 28-February-33			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00

Date	Contract Details	Strike	Call/ Put	Product	MTM Yield	Previous Day's Closing MTM	MTM Price	Previous Day's Closing Price	Open Interest
18/04/2019	C333 On 15-September-33			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
18/04/2019	C442 On 25-April-42			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
18/04/2019	C446 On 31-March-46			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
18/04/2019	CS23 On 25-January-23			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
18/04/2019	CS26 On 02-April-26			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
18/04/2019	CS33 On 15-September-33			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
18/04/2019	ES33 On 02-May-19			Bond Future	10.69	77.6400	10.6888	77.6400	0.00
18/04/2019	ES33 On 01-August-19			Bond Future	10.79	79.0657	10.7901	79.0657	350.00
18/04/2019	ES33 On 07-November-19			Bond Future	10.90	76.8917	10.8966	76.8917	0.00
18/04/2019	ES33 On 06-February-20			Bond Future	10.99	78.4055	10.9933	78.4055	0.00
18/04/2019	ES42 On 02-May-19			Bond Future	10.95	79.4196	10.9535	79.4196	0.00
18/04/2019	ES42 On 01-August-19			Bond Future	11.05	80.8780	11.0528	80.8780	4,919.00
18/04/2019	ES42 On 07-November-19			Bond Future	11.16	78.2704	11.1573	78.2704	0.00
18/04/2019	ES42 On 06-February-20			Bond Future	11.25	79.8117	11.2484	79.8117	0.00
18/04/2019	GOVI On 02-May-19			GOVI	662.99	660.9960	662.9900	660.9960	134.00
18/04/2019	GOVI On 02-May-19	647.88	Call	GOVI	151100	13	151100	13	0.00
18/04/2019	GOVI On 02-May-19	647.87	Call	GOVI	151200	13	151200	13	0.00
18/04/2019	GOVI On 02-May-19	647.86	Call	GOVI	151300	13	151300	13	0.00
18/04/2019	GOVI On 02-May-19	647.88	Put	GOVI	0	0	0	0	0.00
18/04/2019	GOVI On 02-May-19	647.86	Put	GOVI	0	0	0	0	0.00
18/04/2019	GOVI On 02-May-19	647.87	Put	GOVI	0	0	0	0	0.00
18/04/2019	GOVI On 01-August-19			GOVI	675.17	673.1390	675.1670	673.1390	388.00
18/04/2019	GOVI On 01-August-19	638.69	Call	GOVI	364770	34	364770	34	0.00
18/04/2019	GOVI On 01-August-19	638.68	Call	GOVI	364870	34	364870	34	0.00
18/04/2019	GOVI On 01-August-19	638.67	Call	GOVI	364970	34	364970	34	0.00
18/04/2019	GOVI On 01-August-19	638.68	Put	GOVI	0	0	0	0	0.00
18/04/2019	GOVI On 01-August-19	638.67	Put	GOVI	0	0	0	0	0.00
18/04/2019	GOVI On 01-August-19	638.69	Put	GOVI	0	0	0	0	0.00
18/04/2019	GOVI On 07-November-19			GOVI	689.01	686.9430	689.0110	686.9430	0.00
18/04/2019	GOVI On 07-November-19	672.90	Call	GOVI	161110	14	161110	14	0.00
18/04/2019	GOVI On 07-November-19	672.91	Call	GOVI	161010	14	161010	14	0.00
18/04/2019	GOVI On 07-November-19	672.92	Call	GOVI	160910	14	160910	14	0.00
18/04/2019	GOVI On 07-November-19	672.91	Put	GOVI	0	0	0	0	0.00
18/04/2019	GOVI On 07-November-19	672.92	Put	GOVI	0	0	0	0	0.00

Date	Contract Details	Strike	Call/ Put	Product	MTM Yield	Previous Day's Closing MTM	MTM Price	Previous Day's Closing Price	Open Interest
18/04/2019	GOVI On 07-November-19	672.90	Put	GOVI	0	0	0	0	0.00
18/04/2019	GOVI On 06-February-20			GOVI	702.57	700.4610	702.5690	700.4610	0.00
18/04/2019	GOVI On 06-February-20	703.15	Call	GOVI	0	0	0	0	0.00
18/04/2019	GOVI On 06-February-20	703.14	Call	GOVI	0	0	0	0	0.00
18/04/2019	GOVI On 06-February-20	703.13	Call	GOVI	0	0	0	0	0.00
18/04/2019	GOVI On 06-February-20	703.13	Put	GOVI	5610	3	5610	3	0.00
18/04/2019	GOVI On 06-February-20	703.15	Put	GOVI	5810	3	5810	3	0.00
18/04/2019	GOVI On 06-February-20	703.14	Put	GOVI	5710	3	5710	3	0.00
18/04/2019	GVIX On 01-January-29			LIVE INDEX	110.00	110.0000	110.0000	110.0000	0.00
18/04/2019	IGOV On 02-May-19			Index Future	257.76	256.5850	257.7570	256.5850	316.00
18/04/2019	IGOV On 01-August-19			Index Future	262.56	261.3630	262.5550	261.3630	718.00
18/04/2019	IGOV On 07-November-19			Index Future	268.01	266.7890	268.0060	266.7890	0.00
18/04/2019	IGOV On 06-February-20			Index Future	273.34	272.1010	273.3410	272.1010	0.00
18/04/2019	IS01 On 20-June-19			Interest Rate Swap	102.01	102.0100	102.0100	102.0100	0.00
18/04/2019	IS01 On 19-September-19			Interest Rate Swap	99.87	99.8700	99.8700	99.8700	0.00
18/04/2019	IS02 On 21-June-19			Interest Rate Swap	99.74	99.7400	99.7400	99.7400	0.00
18/04/2019	IS02 On 20-September-19			Interest Rate Swap	101.87	101.8700	101.8700	101.8700	0.00
18/04/2019	IS02 On 20-December-19			Interest Rate Swap	102.79	102.7900	102.7900	102.7900	0.00
18/04/2019	IS02 On 23-March-20			Interest Rate Swap	98.76	98.7500	98.7600	98.7500	0.00
18/04/2019	IS02 On 22-June-20			Interest Rate Swap	102.29	102.2900	102.2900	102.2900	0.00
18/04/2019	IS02 On 21-September-20			Interest Rate Swap	99.24	99.2300	99.2400	99.2300	0.00
18/04/2019	IS05 On 17-December-20			Interest Rate Swap	95.99	95.9800	95.9900	95.9800	0.00
18/04/2019	IS05 On 16-March-21			Interest Rate Swap	95.11	95.1100	95.1100	95.1100	0.00
18/04/2019	IS05 On 15-June-21			Interest Rate Swap	94.19	94.1900	94.1900	94.1900	0.00
18/04/2019	IS05 On 21-September-21			Interest Rate Swap	94.22	94.2300	94.2200	94.2300	0.00
18/04/2019	IS05 On 21-December-21			Interest Rate Swap	96.30	96.3100	96.3000	96.3100	51.00
18/04/2019	IS05 On 15-March-22			Interest Rate Swap	96.33	96.3400	96.3300	96.3400	0.00
18/04/2019	IS05 On 21-June-22			Interest Rate Swap	97.41	97.4200	97.4100	97.4200	0.00
18/04/2019	IS05 On 20-September-22			Interest Rate Swap	101.25	101.2600	101.2500	101.2600	0.00
18/04/2019	IS05 On 20-December-22			Interest Rate Swap	102.42	102.4300	102.4200	102.4300	0.00
18/04/2019	IS05 On 22-March-23			Interest Rate Swap	95.67	95.6800	95.6700	95.6800	0.00
18/04/2019	IS05 On 20-June-23			Interest Rate Swap	101.66	101.6700	101.6600	101.6700	0.00
18/04/2019	IS05 On 19-September-23			Interest Rate Swap	97.06	97.0600	97.0600	97.0600	0.00
18/04/2019	IS10 On 17-December-25			Interest Rate Swap	93.18	93.2100	93.1800	93.2100	0.00

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18/04/2019	IS10 On 16-March-26			Interest Rate Swap	90.12	90.1500	90.1200	90.1500	0.00
18/04/2019	IS10 On 15-June-26			Interest Rate Swap	88.80	88.8400	88.8000	88.8400	0.00
18/04/2019	IS10 On 21-September-26			Interest Rate Swap	90.95	90.9800	90.9500	90.9800	0.00
18/04/2019	IS10 On 21-December-26			Interest Rate Swap	94.76	94.7800	94.7600	94.7800	0.00
18/04/2019	IS10 On 15-March-27			Interest Rate Swap	93.30	93.3100	93.3000	93.3100	0.00
18/04/2019	IS10 On 21-June-27			Interest Rate Swap	95.37	95.3800	95.3700	95.3800	0.00
18/04/2019	IS10 On 20-September-27			Interest Rate Swap	100.85	100.8700	100.8500	100.8700	0.00
18/04/2019	IS10 On 20-December-27			Interest Rate Swap	101.20	101.2100	101.2000	101.2100	0.00
18/04/2019	IS10 On 22-March-28			Interest Rate Swap	94.62	94.6400	94.6200	94.6400	0.00
18/04/2019	IS10 On 20-June-28			Interest Rate Swap	101.87	101.8900	101.8700	101.8900	0.00
18/04/2019	IS10 On 19-September-28			Interest Rate Swap	95.35	95.3700	95.3500	95.3700	0.00
18/04/2019	J186 On 21-December-26			Interest Rate Swap	8.68	0.1077	8.6830	0.1077	0.00
18/04/2019	J207 On 15-January-20			Interest Rate Swap	9.00	0.0691	8.9970	0.0691	0.00
18/04/2019	JBAF On 19-June-19			Jibar Tradeable Future	7.03	92.9700	7.0300	92.9700	0.00
18/04/2019	JBAF On 18-September-19			Jibar Tradeable Future	7.07	92.9300	7.0700	92.9300	0.00
18/04/2019	JBAF On 18-December-19			Jibar Tradeable Future	7.13	92.8700	7.1300	92.8700	0.00
18/04/2019	R023 On 02-May-19			Bond Future	7.64	101.7437	7.6437	101.7437	34,298.00
18/04/2019	R023 On 02-May-19	8.46	Call	Bond Future	2622	3	2622	3	0.00
18/04/2019	R023 On 02-May-19	8.45	Call	Bond Future	2591	3	2591	3	0.00
18/04/2019	R023 On 02-May-19	8.44	Call	Bond Future	2559	3	2559	3	0.00
18/04/2019	R023 On 02-May-19	8.45	Put	Bond Future	0	0	0	0	0.00
18/04/2019	R023 On 02-May-19	8.44	Put	Bond Future	0	0	0	0	0.00
18/04/2019	R023 On 02-May-19	8.46	Put	Bond Future	0	0	0	0	0.00
18/04/2019	R023 On 01-August-19			Bond Future	7.66	103.6120	7.6557	103.6120	30,512.00
18/04/2019	R023 On 01-August-19	8.93	Call	Bond Future	3856	4	3856	4	0.00
18/04/2019	R023 On 01-August-19	8.95	Call	Bond Future	3913	4	3913	4	0.00
18/04/2019	R023 On 01-August-19	8.94	Call	Bond Future	3884	4	3884	4	0.00
18/04/2019	R023 On 01-August-19	8.94	Put	Bond Future	25	0	25	0	0.00
18/04/2019	R023 On 01-August-19	8.95	Put	Bond Future	24	0	24	0	0.00
18/04/2019	R023 On 01-August-19	8.93	Put	Bond Future	26	0	26	0	0.00
18/04/2019	R023 On 07-November-19			Bond Future	7.65	101.8027	7.6541	101.8027	0.00
18/04/2019	R023 On 07-November-19	7.98	Call	Bond Future	1511	2	1511	2	0.00
18/04/2019	R023 On 07-November-19	7.99	Call	Bond Future	1532	2	1532	2	0.00
18/04/2019	R023 On 07-November-19	8.00	Call	Bond Future	1552	2	1552	2	0.00

Date	Contract Details	Strike	Call/ Put	Product	MTM Yield	Previous Day's Closing MTM	MTM Price	Previous Day's Closing Price	Open Interest
18/04/2019	R023 On 07-November-19	8.00	Put	Bond Future	564	1	564	1	0.00
18/04/2019	R023 On 07-November-19	7.99	Put	Bond Future	572	1	572	1	0.00
18/04/2019	R023 On 07-November-19	7.98	Put	Bond Future	580	1	580	1	0.00
18/04/2019	R023 On 06-February-20			Bond Future	7.63	103.8066	7.6305	103.8066	0.00
18/04/2019	R023 On 06-February-20	7.52	Call	Bond Future	895	1	895	1	0.00
18/04/2019	R023 On 06-February-20	7.54	Call	Bond Future	925	1	925	1	0.00
18/04/2019	R023 On 06-February-20	7.53	Call	Bond Future	910	1	910	1	0.00
18/04/2019	R023 On 06-February-20	7.53	Put	Bond Future	1180	1	1180	1	0.00
18/04/2019	R023 On 06-February-20	7.54	Put	Bond Future	1168	1	1168	1	0.00
18/04/2019	R023 On 06-February-20	7.52	Put	Bond Future	1192	1	1192	1	0.00
18/04/2019	R035 On 02-May-19			Bond Future	9.44	96.5971	9.4434	96.5971	48,826.00
18/04/2019	R035 On 02-May-19	9.74	Call	Bond Future	2425	2	2425	2	0.00
18/04/2019	R035 On 02-May-19	9.75	Call	Bond Future	2491	2	2491	2	0.00
18/04/2019	R035 On 02-May-19	9.73	Call	Bond Future	2359	2	2359	2	0.00
18/04/2019	R035 On 02-May-19	9.73	Put	Bond Future	147	0	147	0	0.00
18/04/2019	R035 On 02-May-19	9.75	Put	Bond Future	128	0	128	0	0.00
18/04/2019	R035 On 02-May-19	9.74	Put	Bond Future	137	0	137	0	0.00
18/04/2019	R035 On 01-August-19			Bond Future	9.50	98.3710	9.5023	98.3710	14,661.00
18/04/2019	R035 On 01-August-19	10.24	Call	Bond Future	6079	6	6079	6	0.00
18/04/2019	R035 On 01-August-19	10.23	Call	Bond Future	6019	6	6019	6	0.00
18/04/2019	R035 On 01-August-19	10.22	Call	Bond Future	5959	6	5959	6	0.00
18/04/2019	R035 On 01-August-19	10.23	Put	Bond Future	621	1	621	1	0.00
18/04/2019	R035 On 01-August-19	10.22	Put	Bond Future	632	1	632	1	0.00
18/04/2019	R035 On 01-August-19	10.24	Put	Bond Future	610	1	610	1	0.00
18/04/2019	R035 On 07-November-19			Bond Future	9.56	95.8832	9.5626	95.8832	0.00
18/04/2019	R035 On 07-November-19	9.87	Call	Bond Future	4441	4	4441	4	0.00
18/04/2019	R035 On 07-November-19	9.88	Call	Bond Future	4488	4	4488	4	0.00
18/04/2019	R035 On 07-November-19	9.89	Call	Bond Future	4536	4	4536	4	0.00
18/04/2019	R035 On 07-November-19	9.87	Put	Bond Future	2135	2	2135	2	0.00
18/04/2019	R035 On 07-November-19	9.89	Put	Bond Future	2083	2	2083	2	0.00
18/04/2019	R035 On 07-November-19	9.88	Put	Bond Future	2109	2	2109	2	0.00
18/04/2019	R035 On 06-February-20			Bond Future	9.61	97.7707	9.6145	97.7707	0.00
18/04/2019	R035 On 06-February-20	9.61	Call	Bond Future	4071	4	4071	4	0.00
18/04/2019	R035 On 06-February-20	9.60	Call	Bond Future	4033	4	4033	4	0.00

Date	Contract Details	Strike	Call/ Put	Product	MTM Yield	Previous Day's Closing MTM	MTM Price	Previous Day's Closing Price	Open Interest
18/04/2019	R035 On 06-February-20	9.59	Call	Bond Future	3994	4	3994	4	0.00
18/04/2019	R035 On 06-February-20	9.59	Put	Bond Future	4179	4	4179	4	0.00
18/04/2019	R035 On 06-February-20	9.61	Put	Bond Future	4105	4	4105	4	0.00
18/04/2019	R035 On 06-February-20	9.60	Put	Bond Future	4142	4	4142	4	0.00
18/04/2019	R186 On 02-May-19			Bond Future	8.46	115.2033	8.4578	115.2033	87,758.00
18/04/2019	R186 On 02-May-19	9.03	Call	Bond Future	3336	3	3336	3	0.00
18/04/2019	R186 On 02-May-19	8.65	Call	Bond Future	1298	1	1298	1	3,250.00
18/04/2019	R186 On 02-May-19	9.02	Call	Bond Future	3280	3	3280	3	0.00
18/04/2019	R186 On 02-May-19	9.75	Call	Bond Future	7339	7	7339	7	0.00
18/04/2019	R186 On 02-May-19	10.07	Call	Bond Future	9058	9	9058	9	0.00
18/04/2019	R186 On 02-May-19	8.70	Call	Bond Future	1540	2	1540	2	200.00
18/04/2019	R186 On 02-May-19	9.20	Call	Bond Future	4296	4	4296	4	90.00
18/04/2019	R186 On 02-May-19	9.00	Call	Bond Future	3167	3	3167	3	7,000.00
18/04/2019	R186 On 02-May-19	10.02	Call	Bond Future	8792	9	8792	9	0.00
18/04/2019	R186 On 02-May-19	8.62	Call	Bond Future	1161	1	1161	1	90.00
18/04/2019	R186 On 02-May-19	8.50	Call	Bond Future	683	1	683	1	7,000.00
18/04/2019	R186 On 02-May-19	8.80	Call	Bond Future	2058	2	2058	2	7,500.00
18/04/2019	R186 On 02-May-19	9.05	Call	Bond Future	3449	3	3449	3	0.00
18/04/2019	R186 On 02-May-19	9.01	Call	Bond Future	3223	3	3223	3	0.00
18/04/2019	R186 On 02-May-19	9.30	Call	Bond Future	4857	5	4857	5	200.00
18/04/2019	R186 On 02-May-19	9.96	Call	Bond Future	8471	8	8471	8	0.00
18/04/2019	R186 On 02-May-19	9.25	Call	Bond Future	4577	5	4577	5	3,250.00
18/04/2019	R186 On 02-May-19	8.90	Call	Bond Future	2606	3	2606	3	0.00
18/04/2019	R186 On 02-May-19	9.20	Put	Bond Future	1	0	1	0	0.00
18/04/2019	R186 On 02-May-19	9.75	Put	Bond Future	0	0	0	0	7,000.00
18/04/2019	R186 On 02-May-19	10.02	Put	Bond Future	0	0	0	0	3,250.00
18/04/2019	R186 On 02-May-19	10.07	Put	Bond Future	0	0	0	0	200.00
18/04/2019	R186 On 02-May-19	9.02	Put	Bond Future	7	0	7	0	0.00
18/04/2019	R186 On 02-May-19	9.05	Put	Bond Future	5	0	5	0	3,250.00
18/04/2019	R186 On 02-May-19	8.90	Put	Bond Future	21	0	21	0	4,000.00
18/04/2019	R186 On 02-May-19	9.00	Put	Bond Future	8	0	8	0	7,500.00
18/04/2019	R186 On 02-May-19	8.50	Put	Bond Future	433	0	433	0	0.00
18/04/2019	R186 On 02-May-19	8.80	Put	Bond Future	51	0	51	0	0.00
18/04/2019	R186 On 02-May-19	8.62	Put	Bond Future	204	0	204	0	0.00

Date	Contract Details	Strike	Call/ Put	Product	MTM Yield	Previous Day's Closing MTM	MTM Price	Previous Day's Closing Price	Open Interest
18/04/2019	R186 On 02-May-19	9.30	Put	Bond Future	0	0	0	0	0.00
18/04/2019	R186 On 02-May-19	8.70	Put	Bond Future	114	0	114	0	0.00
18/04/2019	R186 On 02-May-19	9.96	Put	Bond Future	0	0	0	0	90.00
18/04/2019	R186 On 02-May-19	9.25	Put	Bond Future	1	0	1	0	0.00
18/04/2019	R186 On 02-May-19	8.65	Put	Bond Future	165	0	165	0	4,100.00
18/04/2019	R186 On 02-May-19	9.01	Put	Bond Future	7	0	7	0	0.00
18/04/2019	R186 On 02-May-19	9.03	Put	Bond Future	6	0	6	0	0.00
18/04/2019	R186 On 01-August-19			Bond Future	8.51	112.0202	8.5068	112.0202	35,084.00
18/04/2019	R186 On 01-August-19	8.30	Call	Bond Future	979	1	979	1	6,000.00
18/04/2019	R186 On 01-August-19	9.05	Call	Bond Future	3603	4	3603	4	6,000.00
18/04/2019	R186 On 01-August-19	9.52	Call	Bond Future	5845	6	5845	6	0.00
18/04/2019	R186 On 01-August-19	8.38	Call	Bond Future	1174	1	1174	1	0.00
18/04/2019	R186 On 01-August-19	9.54	Call	Bond Future	5942	6	5942	6	0.00
18/04/2019	R186 On 01-August-19	8.70	Call	Bond Future	2168	2	2168	2	0.00
18/04/2019	R186 On 01-August-19	9.22	Call	Bond Future	4388	4	4388	4	0.00
18/04/2019	R186 On 01-August-19	9.53	Call	Bond Future	5894	6	5894	6	0.00
18/04/2019	R186 On 01-August-19	10.08	Call	Bond Future	8645	9	8645	9	0.00
18/04/2019	R186 On 01-August-19	8.38	Put	Bond Future	1908	2	1908	2	0.00
18/04/2019	R186 On 01-August-19	8.70	Put	Bond Future	1061	1	1061	1	4,150.00
18/04/2019	R186 On 01-August-19	9.54	Put	Bond Future	186	0	186	0	0.00
18/04/2019	R186 On 01-August-19	9.53	Put	Bond Future	192	0	192	0	0.00
18/04/2019	R186 On 01-August-19	9.22	Put	Bond Future	372	0	372	0	0.00
18/04/2019	R186 On 01-August-19	10.08	Put	Bond Future	35	0	35	0	6,000.00
18/04/2019	R186 On 01-August-19	9.52	Put	Bond Future	197	0	197	0	0.00
18/04/2019	R186 On 01-August-19	9.05	Put	Bond Future	527	1	527	1	0.00
18/04/2019	R186 On 01-August-19	8.30	Put	Bond Future	2180	2	2180	2	0.00
18/04/2019	R186 On 07-November-19			Bond Future	8.55	114.3175	8.5478	114.3175	0.00
18/04/2019	R186 On 07-November-19	8.73	Call	Bond Future	2715	3	2715	3	0.00
18/04/2019	R186 On 07-November-19	8.94	Call	Bond Future	3484	3	3484	3	0.00
18/04/2019	R186 On 07-November-19	8.23	Call	Bond Future	1297	1	1297	1	5,000.00
18/04/2019	R186 On 07-November-19	8.96	Call	Bond Future	3561	4	3561	4	0.00
18/04/2019	R186 On 07-November-19	8.95	Call	Bond Future	3523	4	3523	4	0.00
18/04/2019	R186 On 07-November-19	8.96	Put	Bond Future	1289	1	1289	1	0.00
18/04/2019	R186 On 07-November-19	8.23	Put	Bond Future	3091	3	3091	3	0.00

Date	Contract Details	Strike	Call/ Put	Product	MTM Yield	Previous Day's Closing MTM	MTM Price	Previous Day's Closing Price	Open Interest
18/04/2019	R186 On 07-November-19	8.95	Put	Bond Future	1305	1	1305	1	0.00
18/04/2019	R186 On 07-November-19	8.73	Put	Bond Future	1704	2	1704	2	5,000.00
18/04/2019	R186 On 07-November-19	8.94	Put	Bond Future	1321	1	1321	1	0.00
18/04/2019	R186 On 06-February-20			Bond Future	8.58	111.2592	8.5754	111.2592	0.00
18/04/2019	R186 On 06-February-20	8.55	Call	Bond Future	2521	3	2521	3	0.00
18/04/2019	R186 On 06-February-20	8.57	Call	Bond Future	2583	3	2583	3	0.00
18/04/2019	R186 On 06-February-20	8.56	Call	Bond Future	2552	3	2552	3	0.00
18/04/2019	R186 On 06-February-20	8.56	Put	Bond Future	2636	3	2636	3	0.00
18/04/2019	R186 On 06-February-20	8.57	Put	Bond Future	2612	3	2612	3	0.00
18/04/2019	R186 On 06-February-20	8.55	Put	Bond Future	2659	3	2659	3	0.00
18/04/2019	R197 On 02-May-19			Bond Future	302.67	302.6072	302.6747	302.6072	2,500.00
18/04/2019	R197 On 01-August-19			Bond Future	300.86	300.7897	300.8573	300.7897	2,500.00
18/04/2019	R197 On 07-November-19			Bond Future	307.10	307.0347	307.1031	307.0347	0.00
18/04/2019	R197 On 06-February-20			Bond Future	305.57	305.5004	305.5698	305.5004	0.00
18/04/2019	R202 On 02-May-19			Bond Future	236.02	234.1980	236.0228	234.1980	7,085.00
18/04/2019	R202 On 01-August-19			Bond Future	236.46	234.5999	236.4576	234.5999	9,006.00
18/04/2019	R202 On 07-November-19			Bond Future	241.37	239.4706	241.3666	239.4706	0.00
18/04/2019	R202 On 06-February-20			Bond Future	242.11	240.1761	242.1095	240.1761	0.00
18/04/2019	R207 On 02-May-19			Bond Future	6.72	102.5852	6.7151	102.5852	6,013.00
18/04/2019	R207 On 02-May-19	7.61	Call	Bond Future	595	1	595	1	0.00
18/04/2019	R207 On 02-May-19	7.63	Call	Bond Future	608	1	608	1	0.00
18/04/2019	R207 On 02-May-19	7.62	Call	Bond Future	601	1	601	1	0.00
18/04/2019	R207 On 02-May-19	7.62	Put	Bond Future	0	0	0	0	0.00
18/04/2019	R207 On 02-May-19	7.63	Put	Bond Future	0	0	0	0	0.00
18/04/2019	R207 On 02-May-19	7.61	Put	Bond Future	0	0	0	0	0.00
18/04/2019	R207 On 01-August-19			Bond Future	6.25	100.8279	6.2536	100.8279	50.00
18/04/2019	R207 On 01-August-19	7.33	Call	Bond Future	468	0	468	0	0.00
18/04/2019	R207 On 01-August-19	7.34	Call	Bond Future	472	0	472	0	0.00
18/04/2019	R207 On 01-August-19	7.35	Call	Bond Future	476	0	476	0	0.00
18/04/2019	R207 On 01-August-19	7.35	Put	Bond Future	1	0	1	0	0.00
18/04/2019	R207 On 01-August-19	7.33	Put	Bond Future	1	0	1	0	0.00
18/04/2019	R207 On 01-August-19	7.34	Put	Bond Future	1	0	1	0	0.00
18/04/2019	R207 On 07-November-19			Bond Future	4.05	102.8958	4.0513	102.8958	0.00
18/04/2019	R207 On 07-November-19	2.07	Call	Bond Future	0	0	0	0	0.00

Date	Contract Details	Strike	Call/ Put	Product	MTM Yield	Previous Day's Closing MTM	MTM Price	Previous Day's Closing Price	Open Interest
18/04/2019	R207 On 07-November-19	2.08	Call	Bond Future	0	0	0	0	0.00
18/04/2019	R207 On 07-November-19	2.06	Call	Bond Future	0	0	0	0	0.00
18/04/2019	R207 On 07-November-19	2.06	Put	Bond Future	358	0	358	0	0.00
18/04/2019	R207 On 07-November-19	2.07	Put	Bond Future	356	0	356	0	0.00
18/04/2019	R207 On 07-November-19	2.08	Put	Bond Future	354	0	354	0	0.00
18/04/2019	R208 On 02-May-19			Bond Future	6.80	100.5554	6.8026	100.5554	14,469.00
18/04/2019	R208 On 02-May-19	8.02	Call	Bond Future	2106	2	2106	2	0.00
18/04/2019	R208 On 02-May-19	8.04	Call	Bond Future	2140	2	2140	2	0.00
18/04/2019	R208 On 02-May-19	8.03	Call	Bond Future	2123	2	2123	2	0.00
18/04/2019	R208 On 02-May-19	8.02	Put	Bond Future	0	0	0	0	0.00
18/04/2019	R208 On 02-May-19	8.04	Put	Bond Future	0	0	0	0	0.00
18/04/2019	R208 On 02-May-19	8.03	Put	Bond Future	0	0	0	0	0.00
18/04/2019	R208 On 01-August-19			Bond Future	6.70	102.4019	6.6988	102.4019	2,606.00
18/04/2019	R208 On 01-August-19	8.17	Call	Bond Future	2235	2	2235	2	0.00
18/04/2019	R208 On 01-August-19	8.16	Call	Bond Future	2220	2	2220	2	0.00
18/04/2019	R208 On 01-August-19	8.15	Call	Bond Future	2205	2	2205	2	0.00
18/04/2019	R208 On 01-August-19	8.15	Put	Bond Future	2	0	2	0	0.00
18/04/2019	R208 On 01-August-19	8.17	Put	Bond Future	2	0	2	0	0.00
18/04/2019	R208 On 01-August-19	8.16	Put	Bond Future	2	0	2	0	0.00
18/04/2019	R208 On 07-November-19			Bond Future	6.49	101.0964	6.4895	101.0964	0.00
18/04/2019	R208 On 07-November-19	6.84	Call	Bond Future	599	1	599	1	0.00
18/04/2019	R208 On 07-November-19	6.83	Call	Bond Future	588	1	588	1	0.00
18/04/2019	R208 On 07-November-19	6.82	Call	Bond Future	578	1	578	1	0.00
18/04/2019	R208 On 07-November-19	6.83	Put	Bond Future	145	0	145	0	0.00
18/04/2019	R208 On 07-November-19	6.82	Put	Bond Future	147	0	147	0	0.00
18/04/2019	R208 On 07-November-19	6.84	Put	Bond Future	142	0	142	0	0.00
18/04/2019	R208 On 06-February-20			Bond Future	6.15	103.0864	6.1463	103.0864	0.00
18/04/2019	R208 On 06-February-20	6.12	Call	Bond Future	299	0	299	0	0.00
18/04/2019	R208 On 06-February-20	6.13	Call	Bond Future	305	0	305	0	0.00
18/04/2019	R208 On 06-February-20	6.14	Call	Bond Future	311	0	311	0	0.00
18/04/2019	R208 On 06-February-20	6.14	Put	Bond Future	318	0	318	0	0.00
18/04/2019	R208 On 06-February-20	6.12	Put	Bond Future	328	0	328	0	0.00
18/04/2019	R208 On 06-February-20	6.13	Put	Bond Future	323	0	323	0	0.00
18/04/2019	R209 On 02-May-19			Bond Future	9.38	74.0161	9.3825	74.0161	32,935.00

Date	Contract Details	Strike	Call/ Put	Product	MTM Yield	Previous Day's Closing MTM	MTM Price	Previous Day's Closing Price	Open Interest
18/04/2019	R209 On 02-May-19	9.69	Call	Bond Future	2139	2	2139	2	0.00
18/04/2019	R209 On 02-May-19	10.50	Call	Bond Future	7001	7	7001	7	0.00
18/04/2019	R209 On 02-May-19	10.71	Call	Bond Future	8206	8	8206	8	0.00
18/04/2019	R209 On 02-May-19	9.70	Call	Bond Future	2196	2	2196	2	0.00
18/04/2019	R209 On 02-May-19	9.95	Call	Bond Future	3698	3	3698	3	760.00
18/04/2019	R209 On 02-May-19	9.68	Call	Bond Future	2083	2	2083	2	0.00
18/04/2019	R209 On 02-May-19	9.35	Call	Bond Future	577	0	577	0	760.00
18/04/2019	R209 On 02-May-19	9.68	Put	Bond Future	117	0	117	0	0.00
18/04/2019	R209 On 02-May-19	9.35	Put	Bond Future	796	1	796	1	0.00
18/04/2019	R209 On 02-May-19	10.50	Put	Bond Future	0	0	0	0	11,560.00
18/04/2019	R209 On 02-May-19	10.71	Put	Bond Future	0	0	0	0	760.00
18/04/2019	R209 On 02-May-19	9.95	Put	Bond Future	15	0	15	0	0.00
18/04/2019	R209 On 02-May-19	9.69	Put	Bond Future	109	0	109	0	0.00
18/04/2019	R209 On 02-May-19	9.70	Put	Bond Future	102	0	102	0	0.00
18/04/2019	R209 On 01-August-19			Bond Future	9.43	75.3752	9.4347	75.3752	69,981.00
18/04/2019	R209 On 01-August-19	10.15	Call	Bond Future	5096	5	5096	5	0.00
18/04/2019	R209 On 01-August-19	9.30	Call	Bond Future	1482	1	1482	1	7,560.00
18/04/2019	R209 On 01-August-19	10.17	Call	Bond Future	5199	5	5199	5	0.00
18/04/2019	R209 On 01-August-19	10.46	Call	Bond Future	6711	6	6711	6	0.00
18/04/2019	R209 On 01-August-19	9.80	Call	Bond Future	3392	3	3392	3	7,560.00
18/04/2019	R209 On 01-August-19	10.16	Call	Bond Future	5148	5	5148	5	0.00
18/04/2019	R209 On 01-August-19	10.46	Put	Bond Future	314	0	314	0	7,560.00
18/04/2019	R209 On 01-August-19	9.30	Put	Bond Future	2388	3	2388	3	0.00
18/04/2019	R209 On 01-August-19	9.80	Put	Bond Future	1014	1	1014	1	0.00
18/04/2019	R209 On 01-August-19	10.16	Put	Bond Future	535	1	535	1	0.00
18/04/2019	R209 On 01-August-19	10.15	Put	Bond Future	544	1	544	1	0.00
18/04/2019	R209 On 01-August-19	10.17	Put	Bond Future	525	1	525	1	0.00
18/04/2019	R209 On 07-November-19			Bond Future	9.49	73.7678	9.4851	73.7678	0.00
18/04/2019	R209 On 07-November-19	9.80	Call	Bond Future	3940	4	3940	4	0.00
18/04/2019	R209 On 07-November-19	9.82	Call	Bond Future	4023	4	4023	4	0.00
18/04/2019	R209 On 07-November-19	9.81	Call	Bond Future	3981	4	3981	4	0.00
18/04/2019	R209 On 07-November-19	9.81	Put	Bond Future	1883	2	1883	2	0.00
18/04/2019	R209 On 07-November-19	9.82	Put	Bond Future	1862	2	1862	2	0.00
18/04/2019	R209 On 07-November-19	9.80	Put	Bond Future	1905	2	1905	2	0.00

Date	Contract Details	Strike	Call/ Put	Product	MTM Yield	Previous Day's Closing MTM	MTM Price	Previous Day's Closing Price	Open Interest
18/04/2019	R209 On 06-February-20			Bond Future	9.53	75.2200	9.5261	75.2200	0.00
18/04/2019	R209 On 06-February-20	9.51	Call	Bond Future	3483	3	3483	3	0.00
18/04/2019	R209 On 06-February-20	9.52	Call	Bond Future	3517	3	3517	3	0.00
18/04/2019	R209 On 06-February-20	9.50	Call	Bond Future	3450	3	3450	3	0.00
18/04/2019	R209 On 06-February-20	9.50	Put	Bond Future	3621	4	3621	4	0.00
18/04/2019	R209 On 06-February-20	9.51	Put	Bond Future	3589	4	3589	4	0.00
18/04/2019	R209 On 06-February-20	9.52	Put	Bond Future	3557	4	3557	4	0.00
18/04/2019	R210 On 02-May-19			Bond Future	186.54	186.5028	186.5439	186.5028	2,251.00
18/04/2019	R210 On 01-August-19			Bond Future	190.02	189.9739	190.0151	189.9739	2,142.00
18/04/2019	R210 On 07-November-19			Bond Future	191.36	191.3187	191.3604	191.3187	0.00
18/04/2019	R210 On 06-February-20			Bond Future	195.17	195.1274	195.1697	195.1274	0.00
18/04/2019	R212 On 02-May-19			Bond Future	157.92	157.6619	157.9238	157.6619	7,946.00
18/04/2019	R212 On 01-August-19			Bond Future	158.67	158.4085	158.6746	158.4085	1,526.00
18/04/2019	R212 On 07-November-19			Bond Future	161.97	161.6974	161.9688	161.6974	0.00
18/04/2019	R212 On 06-February-20			Bond Future	162.95	162.6768	162.9534	162.6768	0.00
18/04/2019	R213 On 02-May-19			Bond Future	9.12	85.9835	9.1178	85.9835	27,702.00
18/04/2019	R213 On 02-May-19	9.50	Call	Bond Future	2452	2	2452	2	0.00
18/04/2019	R213 On 02-May-19	9.49	Call	Bond Future	2394	2	2394	2	0.00
18/04/2019	R213 On 02-May-19	9.48	Call	Bond Future	2337	2	2337	2	0.00
18/04/2019	R213 On 02-May-19	9.49	Put	Bond Future	56	0	56	0	0.00
18/04/2019	R213 On 02-May-19	9.48	Put	Bond Future	61	0	61	0	0.00
18/04/2019	R213 On 02-May-19	9.50	Put	Bond Future	52	0	52	0	0.00
18/04/2019	R213 On 01-August-19			Bond Future	9.17	87.5624	9.1714	87.5624	1,819.00
18/04/2019	R213 On 01-August-19	9.98	Call	Bond Future	5296	5	5296	5	0.00
18/04/2019	R213 On 01-August-19	9.99	Call	Bond Future	5347	5	5347	5	0.00
18/04/2019	R213 On 01-August-19	10.00	Call	Bond Future	5398	5	5398	5	0.00
18/04/2019	R213 On 01-August-19	10.00	Put	Bond Future	385	0	385	0	0.00
18/04/2019	R213 On 01-August-19	9.98	Put	Bond Future	400	0	400	0	0.00
18/04/2019	R213 On 01-August-19	9.99	Put	Bond Future	392	0	392	0	0.00
18/04/2019	R213 On 07-November-19			Bond Future	9.23	85.8048	9.2257	85.8048	0.00
18/04/2019	R213 On 07-November-19	9.58	Call	Bond Future	3819	4	3819	4	0.00
18/04/2019	R213 On 07-November-19	9.59	Call	Bond Future	3859	4	3859	4	0.00
18/04/2019	R213 On 07-November-19	9.60	Call	Bond Future	3900	4	3900	4	0.00
18/04/2019	R213 On 07-November-19	9.60	Put	Bond Future	1622	2	1622	2	0.00

Date	Contract Details	Strike	Call/ Put	Product	MTM Yield	Previous Day's Closing MTM	MTM Price	Previous Day's Closing Price	Open Interest
18/04/2019	R213 On 07-November-19	9.58	Put	Bond Future	1660	2	1660	2	0.00
18/04/2019	R213 On 07-November-19	9.59	Put	Bond Future	1641	2	1641	2	0.00
18/04/2019	R213 On 06-February-20			Bond Future	9.27	87.4938	9.2714	87.4938	0.00
18/04/2019	R213 On 06-February-20	9.28	Call	Bond Future	3306	3	3306	3	0.00
18/04/2019	R213 On 06-February-20	9.27	Call	Bond Future	3273	3	3273	3	0.00
18/04/2019	R213 On 06-February-20	9.26	Call	Bond Future	3240	3	3240	3	0.00
18/04/2019	R213 On 06-February-20	9.27	Put	Bond Future	3281	3	3281	3	0.00
18/04/2019	R213 On 06-February-20	9.26	Put	Bond Future	3309	3	3309	3	0.00
18/04/2019	R213 On 06-February-20	9.28	Put	Bond Future	3254	3	3254	3	0.00
18/04/2019	R214 On 02-May-19			Bond Future	9.58	72.8339	9.5775	72.8339	11,003.00
18/04/2019	R214 On 02-May-19	9.87	Call	Bond Future	2144	2	2144	2	0.00
18/04/2019	R214 On 02-May-19	9.85	Call	Bond Future	2028	2	2028	2	0.00
18/04/2019	R214 On 02-May-19	9.86	Call	Bond Future	2086	2	2086	2	0.00
18/04/2019	R214 On 02-May-19	9.86	Put	Bond Future	141	0	141	0	0.00
18/04/2019	R214 On 02-May-19	9.87	Put	Bond Future	132	0	132	0	0.00
18/04/2019	R214 On 02-May-19	9.85	Put	Bond Future	151	0	151	0	0.00
18/04/2019	R214 On 01-August-19			Bond Future	9.63	74.1714	9.6303	74.1714	4,114.00
18/04/2019	R214 On 01-August-19	10.33	Call	Bond Future	5222	5	5222	5	0.00
18/04/2019	R214 On 01-August-19	10.34	Call	Bond Future	5274	5	5274	5	0.00
18/04/2019	R214 On 01-August-19	10.32	Call	Bond Future	5169	5	5169	5	0.00
18/04/2019	R214 On 01-August-19	10.32	Put	Bond Future	608	1	608	1	0.00
18/04/2019	R214 On 01-August-19	10.33	Put	Bond Future	598	1	598	1	0.00
18/04/2019	R214 On 01-August-19	10.34	Put	Bond Future	588	1	588	1	0.00
18/04/2019	R214 On 07-November-19			Bond Future	9.68	72.3929	9.6842	72.3929	0.00
18/04/2019	R214 On 07-November-19	10.01	Call	Bond Future	4180	4	4180	4	0.00
18/04/2019	R214 On 07-November-19	10.00	Call	Bond Future	4137	4	4137	4	0.00
18/04/2019	R214 On 07-November-19	10.02	Call	Bond Future	4224	4	4224	4	0.00
18/04/2019	R214 On 07-November-19	10.00	Put	Bond Future	2010	2	2010	2	0.00
18/04/2019	R214 On 07-November-19	10.01	Put	Bond Future	1987	2	1987	2	0.00
18/04/2019	R214 On 07-November-19	10.02	Put	Bond Future	1965	2	1965	2	0.00
18/04/2019	R214 On 06-February-20			Bond Future	9.73	73.8180	9.7306	73.8180	0.00
18/04/2019	R214 On 06-February-20	9.71	Call	Bond Future	3752	4	3752	4	0.00
18/04/2019	R214 On 06-February-20	9.73	Call	Bond Future	3822	4	3822	4	0.00
18/04/2019	R214 On 06-February-20	9.72	Call	Bond Future	3787	4	3787	4	0.00

Date	Contract Details	Strike	Call/ Put	Product	MTM Yield	Previous Day's Closing MTM	MTM Price	Previous Day's Closing Price	Open Interest
18/04/2019	R214 On 06-February-20	9.72	Put	Bond Future	3860	4	3860	4	0.00
18/04/2019	R214 On 06-February-20	9.73	Put	Bond Future	3827	4	3827	4	0.00
18/04/2019	R214 On 06-February-20	9.71	Put	Bond Future	3893	4	3893	4	0.00
18/04/2019	R248 On 02-May-19			Bond Future	9.56	93.2135	9.5624	93.2135	86,735.00
18/04/2019	R248 On 02-May-19	9.90	Call	Bond Future	3088	3	3088	3	0.00
18/04/2019	R248 On 02-May-19	9.91	Call	Bond Future	3166	3	3166	3	0.00
18/04/2019	R248 On 02-May-19	9.89	Call	Bond Future	3011	3	3011	3	0.00
18/04/2019	R248 On 02-May-19	9.91	Put	Bond Future	101	0	101	0	0.00
18/04/2019	R248 On 02-May-19	9.89	Put	Bond Future	117	0	117	0	0.00
18/04/2019	R248 On 02-May-19	9.90	Put	Bond Future	109	0	109	0	0.00
18/04/2019	R248 On 01-August-19			Bond Future	9.61	94.9252	9.6144	94.9252	31,621.00
18/04/2019	R248 On 01-August-19	10.36	Call	Bond Future	6948	7	6948	7	0.00
18/04/2019	R248 On 01-August-19	10.35	Call	Bond Future	6881	7	6881	7	0.00
18/04/2019	R248 On 01-August-19	10.34	Call	Bond Future	6813	6	6813	6	0.00
18/04/2019	R248 On 01-August-19	10.35	Put	Bond Future	662	1	662	1	0.00
18/04/2019	R248 On 01-August-19	10.34	Put	Bond Future	674	1	674	1	0.00
18/04/2019	R248 On 01-August-19	10.36	Put	Bond Future	650	1	650	1	0.00
18/04/2019	R248 On 07-November-19			Bond Future	9.67	92.4302	9.6673	92.4302	0.00
18/04/2019	R248 On 07-November-19	10.03	Call	Bond Future	5470	5	5470	5	0.00
18/04/2019	R248 On 07-November-19	10.02	Call	Bond Future	5414	5	5414	5	0.00
18/04/2019	R248 On 07-November-19	10.01	Call	Bond Future	5358	5	5358	5	0.00
18/04/2019	R248 On 07-November-19	10.02	Put	Bond Future	2367	3	2367	3	0.00
18/04/2019	R248 On 07-November-19	10.01	Put	Bond Future	2396	3	2396	3	0.00
18/04/2019	R248 On 07-November-19	10.03	Put	Bond Future	2340	3	2340	3	0.00
18/04/2019	R248 On 06-February-20			Bond Future	9.71	94.2498	9.7128	94.2498	0.00
18/04/2019	R248 On 06-February-20	9.71	Call	Bond Future	4788	5	4788	5	0.00
18/04/2019	R248 On 06-February-20	9.72	Call	Bond Future	4833	5	4833	5	0.00
18/04/2019	R248 On 06-February-20	9.70	Call	Bond Future	4742	5	4742	5	0.00
18/04/2019	R248 On 06-February-20	9.72	Put	Bond Future	4769	5	4769	5	0.00
18/04/2019	R248 On 06-February-20	9.70	Put	Bond Future	4855	5	4855	5	0.00
18/04/2019	R248 On 06-February-20	9.71	Put	Bond Future	4812	5	4812	5	0.00