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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
15/04/2019	0457 On 15-January-20			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
15/04/2019	0703 On 15-January-20			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
15/04/2019	0757 On 15-January-20			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
15/04/2019	0804 On 31-March-21			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
15/04/2019	0807 On 31-March-21			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
15/04/2019	0857 On 31-March-21			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
15/04/2019	0904 On 31-March-36			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
15/04/2019	0908 On 31-March-36			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
15/04/2019	0957 On 31-March-36			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
15/04/2019	0986 On 31-March-36			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
15/04/2019	1386 On 28-February-31			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
15/04/2019	1409 On 28-February-41			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
15/04/2019	2025 On 02-May-19			Bond Future	134.10	133.7942	134.0950	133.7942	685.00
15/04/2019	2025 On 01-August-19			Bond Future	135.18	134.8692	135.1752	134.8692	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
15/04/2019	2025 On 07-November-19			Bond Future	138.01	137.6987	138.0109	137.6987	0.00
15/04/2019	2025 On 06-February-20			Bond Future	139.32	139.0036	139.3218	139.0036	0.00
15/04/2019	2029 On 02-May-19			Bond Future	100.45	100.1053	100.4453	100.1053	2,954.00
15/04/2019	2029 On 01-August-19			Bond Future	102.33	101.9838	102.3300	101.9838	1,349.00
15/04/2019	2029 On 07-November-19			Bond Future	103.39	103.0320	103.3851	103.0320	0.00
15/04/2019	2029 On 06-February-20			Bond Future	105.47	105.1083	105.4684	105.1083	0.00
15/04/2019	2030 On 02-May-19			Bond Future	9.03	94.9883	9.0334	94.9883	43,907.00
15/04/2019	2030 On 02-May-19	9.39	Call	Bond Future	2367	2	2367	2	0.00
15/04/2019	2030 On 02-May-19	10.20	Call	Bond Future	7149	7	7149	7	0.00
15/04/2019	2030 On 02-May-19	9.41	Call	Bond Future	2480	2	2480	2	0.00
15/04/2019	2030 On 02-May-19	8.90	Call	Bond Future	350	0	350	0	3,000.00
15/04/2019	2030 On 02-May-19	9.40	Call	Bond Future	2424	2	2424	2	3,000.00
15/04/2019	2030 On 02-May-19	9.40	Put	Bond Future	94	0	94	0	0.00
15/04/2019	2030 On 02-May-19	9.41	Put	Bond Future	88	0	88	0	0.00
15/04/2019	2030 On 02-May-19	8.90	Put	Bond Future	1218	1	1218	1	0.00
15/04/2019	2030 On 02-May-19	10.20	Put	Bond Future	0	0	0	0	3,000.00
15/04/2019	2030 On 02-May-19	9.39	Put	Bond Future	100	0	100	0	0.00
15/04/2019	2030 On 01-August-19			Bond Future	9.09	92.7425	9.0919	92.7425	0.00
15/04/2019	2030 On 01-August-19	9.22	Call	Bond Future	2271	2	2271	2	5,400.00
15/04/2019	2030 On 01-August-19	9.69	Call	Bond Future	4332	4	4332	4	0.00
15/04/2019	2030 On 01-August-19	8.35	Call	Bond Future	258	0	258	0	2,025.00
15/04/2019	2030 On 01-August-19	9.68	Call	Bond Future	4283	4	4283	4	0.00
15/04/2019	2030 On 01-August-19	9.15	Call	Bond Future	2018	2	2018	2	2,025.00
15/04/2019	2030 On 01-August-19	9.92	Call	Bond Future	5482	5	5482	5	0.00
15/04/2019	2030 On 01-August-19	8.67	Call	Bond Future	716	1	716	1	5,400.00
15/04/2019	2030 On 01-August-19	9.91	Call	Bond Future	5431	5	5431	5	0.00
15/04/2019	2030 On 01-August-19	9.27	Call	Bond Future	2462	2	2462	2	0.00
15/04/2019	2030 On 01-August-19	8.77	Call	Bond Future	926	1	926	1	0.00
15/04/2019	2030 On 01-August-19	9.90	Call	Bond Future	5380	5	5380	5	0.00
15/04/2019	2030 On 01-August-19	9.92	Put	Bond Future	422	0	422	0	0.00
15/04/2019	2030 On 01-August-19	8.77	Put	Bond Future	2997	3	2997	3	0.00
15/04/2019	2030 On 01-August-19	9.27	Put	Bond Future	1342	1	1342	1	0.00
15/04/2019	2030 On 01-August-19	9.90	Put	Bond Future	438	0	438	0	0.00
15/04/2019	2030 On 01-August-19	9.68	Put	Bond Future	651	1	651	1	4,800.00

Date	Contract Details	Strike	Call/ Put	Product	MTM Yield	Previous Day's Closing MTM	MTM Price	Previous Day's Closing Price	Open Interest
15/04/2019	2030 On 01-August-19	9.15	Put	Bond Future	1650	2	1650	2	0.00
15/04/2019	2030 On 01-August-19	8.67	Put	Bond Future	3444	4	3444	4	0.00
15/04/2019	2030 On 01-August-19	9.91	Put	Bond Future	430	0	430	0	0.00
15/04/2019	2030 On 01-August-19	9.22	Put	Bond Future	1463	2	1463	2	0.00
15/04/2019	2030 On 01-August-19	9.69	Put	Bond Future	640	1	640	1	5,400.00
15/04/2019	2030 On 01-August-19	8.35	Put	Bond Future	5126	5	5126	5	0.00
15/04/2019	2030 On 07-November-19			Bond Future	9.14	94.6651	9.1400	94.6651	0.00
15/04/2019	2030 On 07-November-19	9.48	Call	Bond Future	3746	4	3746	4	0.00
15/04/2019	2030 On 07-November-19	9.49	Call	Bond Future	3785	4	3785	4	0.00
15/04/2019	2030 On 07-November-19	9.47	Call	Bond Future	3706	4	3706	4	0.00
15/04/2019	2030 On 07-November-19	9.47	Put	Bond Future	1682	2	1682	2	0.00
15/04/2019	2030 On 07-November-19	9.48	Put	Bond Future	1661	2	1661	2	0.00
15/04/2019	2030 On 07-November-19	9.49	Put	Bond Future	1640	2	1640	2	0.00
15/04/2019	2030 On 06-February-20			Bond Future	9.18	92.5422	9.1777	92.5422	0.00
15/04/2019	2030 On 06-February-20	9.14	Call	Bond Future	0	0	0	0	0.00
15/04/2019	2030 On 06-February-20	9.16	Call	Bond Future	0	0	0	0	0.00
15/04/2019	2030 On 06-February-20	9.15	Call	Bond Future	0	0	0	0	0.00
15/04/2019	2030 On 06-February-20	9.14	Put	Bond Future	231	0	231	0	0.00
15/04/2019	2030 On 06-February-20	9.16	Put	Bond Future	108	0	108	0	0.00
15/04/2019	2030 On 06-February-20	9.15	Put	Bond Future	169	0	169	0	0.00
15/04/2019	2032 On 02-May-19			Bond Future	9.27	93.1733	9.2680	93.1733	42,003.00
15/04/2019	2032 On 02-May-19	9.61	Call	Bond Future	2494	2	2494	2	0.00
15/04/2019	2032 On 02-May-19	9.63	Call	Bond Future	2615	3	2615	3	0.00
15/04/2019	2032 On 02-May-19	9.62	Call	Bond Future	2554	3	2554	3	0.00
15/04/2019	2032 On 02-May-19	9.61	Put	Bond Future	129	0	129	0	0.00
15/04/2019	2032 On 02-May-19	9.63	Put	Bond Future	114	0	114	0	0.00
15/04/2019	2032 On 02-May-19	9.62	Put	Bond Future	121	0	121	0	0.00
15/04/2019	2032 On 01-August-19			Bond Future	9.33	94.8988	9.3252	94.8988	0.00
15/04/2019	2032 On 01-August-19	10.11	Call	Bond Future	5754	6	5754	6	0.00
15/04/2019	2032 On 01-August-19	10.10	Call	Bond Future	5699	6	5699	6	0.00
15/04/2019	2032 On 01-August-19	10.09	Call	Bond Future	5645	6	5645	6	0.00
15/04/2019	2032 On 01-August-19	10.09	Put	Bond Future	547	1	547	1	0.00
15/04/2019	2032 On 01-August-19	10.11	Put	Bond Future	528	1	528	1	0.00
15/04/2019	2032 On 01-August-19	10.10	Put	Bond Future	537	1	537	1	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
15/04/2019	2032 On 07-November-19			Bond Future	9.38	92.7031	9.3794	92.7031	0.00
15/04/2019	2032 On 07-November-19	9.72	Call	Bond Future	4131	4	4131	4	0.00
15/04/2019	2032 On 07-November-19	9.71	Call	Bond Future	4088	4	4088	4	0.00
15/04/2019	2032 On 07-November-19	9.70	Call	Bond Future	4045	4	4045	4	0.00
15/04/2019	2032 On 07-November-19	9.71	Put	Bond Future	1870	2	1870	2	0.00
15/04/2019	2032 On 07-November-19	9.70	Put	Bond Future	1893	2	1893	2	0.00
15/04/2019	2032 On 07-November-19	9.72	Put	Bond Future	1847	2	1847	2	0.00
15/04/2019	2032 On 06-February-20			Bond Future	9.42	94.5510	9.4224	94.5510	0.00
15/04/2019	2032 On 06-February-20	9.39	Call	Bond Future	0	0	0	0	0.00
15/04/2019	2032 On 06-February-20	9.40	Call	Bond Future	0	0	0	0	0.00
15/04/2019	2032 On 06-February-20	9.38	Call	Bond Future	0	0	0	0	0.00
15/04/2019	2032 On 06-February-20	9.38	Put	Bond Future	285	0	285	0	0.00
15/04/2019	2032 On 06-February-20	9.39	Put	Bond Future	218	0	218	0	0.00
15/04/2019	2032 On 06-February-20	9.40	Put	Bond Future	150	0	150	0	0.00
15/04/2019	2033 On 02-May-19			Bond Future	101.91	101.9275	101.9102	101.9275	6,090.00
15/04/2019	2033 On 01-August-19			Bond Future	103.82	103.8404	103.8224	103.8404	0.00
15/04/2019	2033 On 07-November-19			Bond Future	104.83	104.8524	104.8339	104.8524	0.00
15/04/2019	2033 On 06-February-20			Bond Future	106.95	106.9653	106.9462	106.9653	0.00
15/04/2019	2037 On 02-May-19			Bond Future	9.58	93.1417	9.5790	93.1417	51,935.00
15/04/2019	2037 On 02-May-19	9.80	Call	Bond Future	2023	2	2023	2	0.00
15/04/2019	2037 On 02-May-19	9.79	Call	Bond Future	1963	2	1963	2	0.00
15/04/2019	2037 On 02-May-19	9.81	Call	Bond Future	2083	2	2083	2	0.00
15/04/2019	2037 On 02-May-19	9.79	Put	Bond Future	327	0	327	0	0.00
15/04/2019	2037 On 02-May-19	9.80	Put	Bond Future	310	0	310	0	0.00
15/04/2019	2037 On 02-May-19	9.81	Put	Bond Future	294	0	294	0	0.00
15/04/2019	2037 On 01-August-19			Bond Future	9.64	90.6113	9.6417	90.6113	0.00
15/04/2019	2037 On 01-August-19	10.29	Call	Bond Future	5628	6	5628	6	0.00
15/04/2019	2037 On 01-August-19	10.31	Call	Bond Future	5744	6	5744	6	0.00
15/04/2019	2037 On 01-August-19	10.30	Call	Bond Future	5686	6	5686	6	0.00
15/04/2019	2037 On 01-August-19	10.30	Put	Bond Future	787	1	787	1	0.00
15/04/2019	2037 On 01-August-19	10.31	Put	Bond Future	774	1	774	1	0.00
15/04/2019	2037 On 01-August-19	10.29	Put	Bond Future	800	1	800	1	0.00
15/04/2019	2037 On 07-November-19			Bond Future	9.70	92.4898	9.6966	92.4898	0.00
15/04/2019	2037 On 07-November-19	9.95	Call	Bond Future	4294	4	4294	4	0.00

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15/04/2019	2037 On 07-November-19	9.97	Call	Bond Future	4386	4	4386	4	0.00
15/04/2019	2037 On 07-November-19	9.96	Call	Bond Future	4340	4	4340	4	0.00
15/04/2019	2037 On 07-November-19	9.96	Put	Bond Future	2353	2	2353	2	0.00
15/04/2019	2037 On 07-November-19	9.97	Put	Bond Future	2325	2	2325	2	0.00
15/04/2019	2037 On 07-November-19	9.95	Put	Bond Future	2381	2	2381	2	0.00
15/04/2019	2037 On 06-February-20			Bond Future	9.74	90.0730	9.7424	90.0730	0.00
15/04/2019	2037 On 06-February-20	9.68	Call	Bond Future	0	0	0	0	0.00
15/04/2019	2037 On 06-February-20	9.67	Call	Bond Future	0	0	0	0	0.00
15/04/2019	2037 On 06-February-20	9.66	Call	Bond Future	0	0	0	0	0.00
15/04/2019	2037 On 06-February-20	9.67	Put	Bond Future	552	1	552	1	0.00
15/04/2019	2037 On 06-February-20	9.66	Put	Bond Future	629	1	629	1	0.00
15/04/2019	2037 On 06-February-20	9.68	Put	Bond Future	475	0	475	0	0.00
15/04/2019	2038 On 02-May-19			Bond Future	120.62	120.5524	120.6209	120.5524	10,413.00
15/04/2019	2038 On 01-August-19			Bond Future	121.27	121.1992	121.2688	121.1992	3,015.00
15/04/2019	2038 On 07-November-19			Bond Future	123.81	123.7421	123.8128	123.7421	0.00
15/04/2019	2038 On 06-February-20			Bond Future	124.65	124.5820	124.6542	124.5820	0.00
15/04/2019	2040 On 02-May-19			Bond Future	9.65	96.5393	9.6539	96.5393	23,777.00
15/04/2019	2040 On 02-May-19	9.90	Call	Bond Future	2321	2	2321	2	0.00
15/04/2019	2040 On 02-May-19	10.20	Call	Bond Future	4496	5	4496	5	1,150.00
15/04/2019	2040 On 02-May-19	9.89	Call	Bond Future	2255	2	2255	2	0.00
15/04/2019	2040 On 02-May-19	9.60	Call	Bond Future	728	1	728	1	1,150.00
15/04/2019	2040 On 02-May-19	9.88	Call	Bond Future	2190	2	2190	2	0.00
15/04/2019	2040 On 02-May-19	10.15	Call	Bond Future	4118	4	4118	4	0.00
15/04/2019	2040 On 02-May-19	9.65	Call	Bond Future	928	1	928	1	0.00
15/04/2019	2040 On 02-May-19	10.15	Put	Bond Future	56	0	56	0	880.00
15/04/2019	2040 On 02-May-19	9.65	Put	Bond Future	962	1	962	1	880.00
15/04/2019	2040 On 02-May-19	9.89	Put	Bond Future	286	0	286	0	0.00
15/04/2019	2040 On 02-May-19	9.88	Put	Bond Future	303	0	303	0	0.00
15/04/2019	2040 On 02-May-19	10.20	Put	Bond Future	40	0	40	0	0.00
15/04/2019	2040 On 02-May-19	9.90	Put	Bond Future	270	0	270	0	0.00
15/04/2019	2040 On 02-May-19	9.60	Put	Bond Future	1188	1	1188	1	0.00
15/04/2019	2040 On 01-August-19			Bond Future	9.72	93.8217	9.7162	93.8217	0.00
15/04/2019	2040 On 01-August-19	10.36	Call	Bond Future	5961	6	5961	6	0.00
15/04/2019	2040 On 01-August-19	10.37	Call	Bond Future	6023	6	6023	6	0.00

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15/04/2019	2040 On 01-August-19	10.38	Call	Bond Future	6086	6	6086	6	0.00
15/04/2019	2040 On 01-August-19	10.38	Put	Bond Future	780	1	780	1	0.00
15/04/2019	2040 On 01-August-19	10.36	Put	Bond Future	807	1	807	1	0.00
15/04/2019	2040 On 01-August-19	10.37	Put	Bond Future	793	1	793	1	0.00
15/04/2019	2040 On 07-November-19			Bond Future	9.77	95.7667	9.7711	95.7667	0.00
15/04/2019	2040 On 07-November-19	10.03	Call	Bond Future	4683	5	4683	5	0.00
15/04/2019	2040 On 07-November-19	10.04	Call	Bond Future	4734	5	4734	5	0.00
15/04/2019	2040 On 07-November-19	10.05	Call	Bond Future	4785	5	4785	5	0.00
15/04/2019	2040 On 07-November-19	10.05	Put	Bond Future	2520	3	2520	3	0.00
15/04/2019	2040 On 07-November-19	10.03	Put	Bond Future	2577	3	2577	3	0.00
15/04/2019	2040 On 07-November-19	10.04	Put	Bond Future	2548	3	2548	3	0.00
15/04/2019	2040 On 06-February-20			Bond Future	9.82	93.1646	9.8171	93.1646	0.00
15/04/2019	2040 On 06-February-20	9.74	Call	Bond Future	0	0	0	0	0.00
15/04/2019	2040 On 06-February-20	9.76	Call	Bond Future	0	0	0	0	0.00
15/04/2019	2040 On 06-February-20	9.75	Call	Bond Future	0	0	0	0	0.00
15/04/2019	2040 On 06-February-20	9.75	Put	Bond Future	552	1	552	1	0.00
15/04/2019	2040 On 06-February-20	9.76	Put	Bond Future	470	0	470	0	0.00
15/04/2019	2040 On 06-February-20	9.74	Put	Bond Future	635	1	635	1	0.00
15/04/2019	2044 On 02-May-19			Bond Future	9.67	93.6660	9.6733	93.6660	38,044.00
15/04/2019	2044 On 02-May-19	9.90	Call	Bond Future	2240	2	2240	2	0.00
15/04/2019	2044 On 02-May-19	9.91	Call	Bond Future	2307	2	2307	2	0.00
15/04/2019	2044 On 02-May-19	9.92	Call	Bond Future	2374	2	2374	2	0.00
15/04/2019	2044 On 02-May-19	9.91	Put	Bond Future	293	0	293	0	0.00
15/04/2019	2044 On 02-May-19	9.92	Put	Bond Future	277	0	277	0	0.00
15/04/2019	2044 On 02-May-19	9.90	Put	Bond Future	311	0	311	0	0.00
15/04/2019	2044 On 01-August-19			Bond Future	9.73	91.0202	9.7329	91.0202	0.00
15/04/2019	2044 On 01-August-19	10.39	Call	Bond Future	6163	6	6163	6	0.00
15/04/2019	2044 On 01-August-19	10.53	Call	Bond Future	7061	7	7061	7	0.00
15/04/2019	2044 On 01-August-19	9.86	Call	Bond Future	3101	3	3101	3	100.00
15/04/2019	2044 On 01-August-19	10.40	Call	Bond Future	6227	6	6227	6	0.00
15/04/2019	2044 On 01-August-19	9.36	Call	Bond Future	1111	1	1111	1	100.00
15/04/2019	2044 On 01-August-19	10.38	Call	Bond Future	6100	6	6100	6	0.00
15/04/2019	2044 On 01-August-19	10.38	Put	Bond Future	828	1	828	1	0.00
15/04/2019	2044 On 01-August-19	9.36	Put	Bond Future	4401	4	4401	4	0.00

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15/04/2019	2044 On 01-August-19	10.53	Put	Bond Future	640	1	640	1	100.00
15/04/2019	2044 On 01-August-19	10.40	Put	Bond Future	800	1	800	1	0.00
15/04/2019	2044 On 01-August-19	9.86	Put	Bond Future	2024	2	2024	2	0.00
15/04/2019	2044 On 01-August-19	10.39	Put	Bond Future	814	1	814	1	0.00
15/04/2019	2044 On 07-November-19			Bond Future	9.79	92.9072	9.7853	92.9072	0.00
15/04/2019	2044 On 07-November-19	10.06	Call	Bond Future	4879	5	4879	5	0.00
15/04/2019	2044 On 07-November-19	10.07	Call	Bond Future	4931	5	4931	5	0.00
15/04/2019	2044 On 07-November-19	10.05	Call	Bond Future	4827	5	4827	5	0.00
15/04/2019	2044 On 07-November-19	10.05	Put	Bond Future	2629	3	2629	3	0.00
15/04/2019	2044 On 07-November-19	10.06	Put	Bond Future	2599	3	2599	3	0.00
15/04/2019	2044 On 07-November-19	10.07	Put	Bond Future	2570	3	2570	3	0.00
15/04/2019	2044 On 06-February-20			Bond Future	9.83	90.3735	9.8293	90.3735	0.00
15/04/2019	2044 On 06-February-20	9.77	Call	Bond Future	0	0	0	0	0.00
15/04/2019	2044 On 06-February-20	9.76	Call	Bond Future	0	0	0	0	0.00
15/04/2019	2044 On 06-February-20	9.78	Call	Bond Future	0	0	0	0	0.00
15/04/2019	2044 On 06-February-20	9.76	Put	Bond Future	585	1	585	1	0.00
15/04/2019	2044 On 06-February-20	9.78	Put	Bond Future	415	0	415	0	0.00
15/04/2019	2044 On 06-February-20	9.77	Put	Bond Future	500	1	500	1	0.00
15/04/2019	2046 On 02-May-19			Bond Future	111.99	112.0124	111.9938	112.0124	11,464.00
15/04/2019	2046 On 01-August-19			Bond Future	114.10	114.1145	114.0951	114.1145	4,018.00
15/04/2019	2046 On 07-November-19			Bond Future	114.77	114.7936	114.7736	114.7936	0.00
15/04/2019	2046 On 06-February-20			Bond Future	117.09	117.1069	117.0864	117.1069	0.00
15/04/2019	2050 On 02-May-19			Bond Future	117.94	117.2354	117.9365	117.2354	10,666.00
15/04/2019	2050 On 01-August-19			Bond Future	118.36	117.6442	118.3581	117.6442	2,630.00
15/04/2019	2050 On 07-November-19			Bond Future	120.84	120.1124	120.8410	120.1124	0.00
15/04/2019	2050 On 06-February-20			Bond Future	121.44	120.6960	121.4390	120.6960	0.00
15/04/2019	8607 On 21-December-26			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
15/04/2019	8608 On 21-December-26			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
15/04/2019	8657 On 21-December-26			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
15/04/2019	AL37 On 02-May-19			Index Future	634.54	634.1930	634.5380	634.1930	0.00
15/04/2019	AL37 On 01-August-19			Index Future	646.28	645.9380	646.2830	645.9380	0.00
15/04/2019	AL37 On 07-November-19			Index Future	659.67	659.3220	659.6710	659.3220	0.00
15/04/2019	AL37 On 06-February-20			Index Future	672.81	672.4570	672.8090	672.4570	0.00
15/04/2019	AL7T On 02-May-19			Index Future	737.42	736.5510	737.4170	736.5510	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
15/04/2019	AL7T On 01-August-19			Index Future	751.07	750.1910	751.0660	750.1910	0.00
15/04/2019	AL7T On 07-November-19			Index Future	766.62	765.7360	766.6240	765.7360	0.00
15/04/2019	AL7T On 06-February-20			Index Future	781.89	780.9900	781.8930	780.9900	0.00
15/04/2019	ALBI On 02-May-19			Index Future	667.31	666.9750	667.3140	666.9750	370.00
15/04/2019	ALBI On 01-August-19			Index Future	679.67	679.3270	679.6660	679.3270	604.00
15/04/2019	ALBI On 07-November-19			Index Future	693.75	693.4030	693.7450	693.4030	0.00
15/04/2019	ALBI On 06-February-20			Index Future	707.56	707.2170	707.5620	707.2170	0.00
15/04/2019	C002 On 31-March-32			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
15/04/2019	C007 On 31-January-37			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
15/04/2019	C023 On 28-February-23			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
15/04/2019	C025 On 31-January-25			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
15/04/2019	C030 On 31-January-30			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
15/04/2019	C035 On 28-February-35			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
15/04/2019	C038 On 31-January-38			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
15/04/2019	C040 On 06-October-15			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
15/04/2019	C040 On 31-January-40			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
15/04/2019	C044 On 31-January-44			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
15/04/2019	C048 On 28-February-48			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
15/04/2019	C050 On 31-December-50			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
15/04/2019	C070 On 01-August-21			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
15/04/2019	C186 On 21-December-26			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
15/04/2019	C197 On 07-December-23			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
15/04/2019	C202 On 07-December-33			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
15/04/2019	C207 On 15-January-20			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
15/04/2019	C208 On 31-March-21			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
15/04/2019	C209 On 31-March-36			Price Contribution	6.25	6.2500	6.2500	6.2500	0.00
15/04/2019	C210 On 31-March-28			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
15/04/2019	C212 On 31-January-22			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
15/04/2019	C213 On 28-February-31			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
15/04/2019	C214 On 28-February-41			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
15/04/2019	C223 On 25-January-23			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
15/04/2019	C226 On 25-January-23			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
15/04/2019	C303 On 14-August-15			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
15/04/2019	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
15/04/2019	C333 On 15-September-33			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
15/04/2019	C442 On 25-April-42			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
15/04/2019	C446 On 31-March-46			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
15/04/2019	CS23 On 25-January-23			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
15/04/2019	CS26 On 02-April-26			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
15/04/2019	CS33 On 15-September-33			Price Contribution	100.00	100.0000	100.0000	100.0000	0.00
15/04/2019	ES33 On 02-May-19			Bond Future	10.75	77.5639	10.7518	77.5639	350.00
15/04/2019	ES33 On 01-August-19			Bond Future	10.85	79.0003	10.8533	79.0003	0.00
15/04/2019	ES33 On 07-November-19			Bond Future	10.96	76.8418	10.9593	76.8418	0.00
15/04/2019	ES33 On 06-February-20			Bond Future	11.05	78.3735	11.0549	78.3735	0.00
15/04/2019	ES42 On 02-May-19			Bond Future	11.02	79.3668	11.0165	79.3668	4,919.00
15/04/2019	ES42 On 01-August-19			Bond Future	11.12	80.8366	11.1162	80.8366	0.00
15/04/2019	ES42 On 07-November-19			Bond Future	11.22	78.2456	11.2203	78.2456	0.00
15/04/2019	ES42 On 06-February-20			Bond Future	11.31	79.8058	11.3107	79.8058	0.00
15/04/2019	GOVI On 02-May-19			GOVI	660.92	660.6220	660.9210	660.6220	448.00
15/04/2019	GOVI On 02-May-19	647.88	Call	GOVI	130410	13	130410	13	0.00
15/04/2019	GOVI On 02-May-19	647.87	Call	GOVI	130510	13	130510	13	0.00
15/04/2019	GOVI On 02-May-19	647.86	Call	GOVI	130610	13	130610	13	0.00
15/04/2019	GOVI On 02-May-19	647.88	Put	GOVI	0	0	0	0	0.00
15/04/2019	GOVI On 02-May-19	647.86	Put	GOVI	0	0	0	0	0.00
15/04/2019	GOVI On 02-May-19	647.87	Put	GOVI	0	0	0	0	0.00
15/04/2019	GOVI On 01-August-19			GOVI	673.15	672.8550	673.1540	672.8550	2.00
15/04/2019	GOVI On 01-August-19	638.69	Call	GOVI	344640	34	344640	34	0.00
15/04/2019	GOVI On 01-August-19	638.68	Call	GOVI	344740	34	344740	34	0.00
15/04/2019	GOVI On 01-August-19	638.67	Call	GOVI	344840	34	344840	34	0.00
15/04/2019	GOVI On 01-August-19	638.68	Put	GOVI	0	0	0	0	0.00
15/04/2019	GOVI On 01-August-19	638.67	Put	GOVI	0	0	0	0	0.00
15/04/2019	GOVI On 01-August-19	638.69	Put	GOVI	0	0	0	0	0.00
15/04/2019	GOVI On 07-November-19			GOVI	687.10	686.7980	687.0980	686.7980	0.00
15/04/2019	GOVI On 07-November-19	672.90	Call	GOVI	141980	14	141980	14	0.00
15/04/2019	GOVI On 07-November-19	672.91	Call	GOVI	141880	14	141880	14	0.00
15/04/2019	GOVI On 07-November-19	672.92	Call	GOVI	141780	14	141780	14	0.00
15/04/2019	GOVI On 07-November-19	672.91	Put	GOVI	0	0	0	0	0.00
15/04/2019	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
15/04/2019	GOVI On 07-November-19	672.90	Put	GOVI	0	0	0	0	0.00
15/04/2019	GOVI On 06-February-20			GOVI	700.78	700.4800	700.7830	700.4800	0.00
15/04/2019	GOVI On 06-February-20	703.15	Call	GOVI	0	0	0	0	0.00
15/04/2019	GOVI On 06-February-20	703.14	Call	GOVI	0	0	0	0	0.00
15/04/2019	GOVI On 06-February-20	703.13	Call	GOVI	0	0	0	0	0.00
15/04/2019	GOVI On 06-February-20	703.13	Put	GOVI	23470	3	23470	3	0.00
15/04/2019	GOVI On 06-February-20	703.15	Put	GOVI	23670	3	23670	3	0.00
15/04/2019	GOVI On 06-February-20	703.14	Put	GOVI	23570	3	23570	3	0.00
15/04/2019	GVIX On 01-January-29			LIVE INDEX	110.00	110.0000	110.0000	110.0000	0.00
15/04/2019	IGOV On 02-May-19			Index Future	255.48	255.2300	255.4800	255.2300	723.00
15/04/2019	IGOV On 01-August-19			Index Future	260.27	260.0200	260.2720	260.0200	299.00
15/04/2019	IGOV On 07-November-19			Index Future	265.73	265.4740	265.7310	265.4740	0.00
15/04/2019	IGOV On 06-February-20			Index Future	271.08	270.8230	271.0840	270.8230	0.00
15/04/2019	IS01 On 20-June-19			Interest Rate Swap	102.01	102.0100	102.0100	102.0100	0.00
15/04/2019	IS01 On 19-September-19			Interest Rate Swap	99.87	99.8700	99.8700	99.8700	0.00
15/04/2019	IS02 On 21-June-19			Interest Rate Swap	99.74	99.7400	99.7400	99.7400	0.00
15/04/2019	IS02 On 20-September-19			Interest Rate Swap	101.87	101.8600	101.8700	101.8600	0.00
15/04/2019	IS02 On 20-December-19			Interest Rate Swap	102.79	102.7900	102.7900	102.7900	0.00
15/04/2019	IS02 On 23-March-20			Interest Rate Swap	98.75	98.7500	98.7500	98.7500	0.00
15/04/2019	IS02 On 22-June-20			Interest Rate Swap	102.29	102.2800	102.2900	102.2800	0.00
15/04/2019	IS02 On 21-September-20			Interest Rate Swap	99.23	99.2200	99.2300	99.2200	0.00
15/04/2019	IS05 On 17-December-20			Interest Rate Swap	95.97	95.9700	95.9700	95.9700	0.00
15/04/2019	IS05 On 16-March-21			Interest Rate Swap	95.09	95.0800	95.0900	95.0800	0.00
15/04/2019	IS05 On 15-June-21			Interest Rate Swap	94.17	94.1500	94.1700	94.1500	0.00
15/04/2019	IS05 On 21-September-21			Interest Rate Swap	94.21	94.1900	94.2100	94.1900	0.00
15/04/2019	IS05 On 21-December-21			Interest Rate Swap	96.29	96.2600	96.2900	96.2600	51.00
15/04/2019	IS05 On 15-March-22			Interest Rate Swap	96.32	96.3000	96.3200	96.3000	0.00
15/04/2019	IS05 On 21-June-22			Interest Rate Swap	97.39	97.3800	97.3900	97.3800	0.00
15/04/2019	IS05 On 20-September-22			Interest Rate Swap	101.22	101.2200	101.2200	101.2200	0.00
15/04/2019	IS05 On 20-December-22			Interest Rate Swap	102.38	102.3800	102.3800	102.3800	0.00
15/04/2019	IS05 On 22-March-23			Interest Rate Swap	95.62	95.6300	95.6200	95.6300	0.00
15/04/2019	IS05 On 20-June-23			Interest Rate Swap	101.61	101.6200	101.6100	101.6200	0.00
15/04/2019	IS05 On 19-September-23			Interest Rate Swap	97.00	97.0100	97.0000	97.0100	0.00
15/04/2019	IS10 On 17-December-25			Interest Rate Swap	93.09	93.0900	93.0900	93.0900	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
15/04/2019	IS10 On 16-March-26			Interest Rate Swap	90.02	90.0100	90.0200	90.0100	0.00
15/04/2019	IS10 On 15-June-26			Interest Rate Swap	88.70	88.6900	88.7000	88.6900	0.00
15/04/2019	IS10 On 21-September-26			Interest Rate Swap	90.85	90.8300	90.8500	90.8300	0.00
15/04/2019	IS10 On 21-December-26			Interest Rate Swap	94.66	94.6400	94.6600	94.6400	0.00
15/04/2019	IS10 On 15-March-27			Interest Rate Swap	93.19	93.1700	93.1900	93.1700	0.00
15/04/2019	IS10 On 21-June-27			Interest Rate Swap	95.25	95.2300	95.2500	95.2300	0.00
15/04/2019	IS10 On 20-September-27			Interest Rate Swap	100.72	100.7100	100.7200	100.7100	0.00
15/04/2019	IS10 On 20-December-27			Interest Rate Swap	101.05	101.0500	101.0500	101.0500	0.00
15/04/2019	IS10 On 22-March-28			Interest Rate Swap	94.46	94.4800	94.4600	94.4800	0.00
15/04/2019	IS10 On 20-June-28			Interest Rate Swap	101.71	101.7300	101.7100	101.7300	0.00
15/04/2019	IS10 On 19-September-28			Interest Rate Swap	95.20	95.2200	95.2000	95.2200	0.00
15/04/2019	J186 On 21-December-26			Interest Rate Swap	8.68	0.1077	8.6830	0.1077	0.00
15/04/2019	J207 On 15-January-20			Interest Rate Swap	9.00	0.0691	8.9970	0.0691	0.00
15/04/2019	JBAF On 19-June-19			Jibar Tradeable Future	7.03	92.9700	7.0300	92.9700	0.00
15/04/2019	JBAF On 18-September-19			Jibar Tradeable Future	7.07	92.9300	7.0700	92.9300	0.00
15/04/2019	JBAF On 18-December-19			Jibar Tradeable Future	7.13	92.8700	7.1300	92.8700	0.00
15/04/2019	R023 On 02-May-19			Bond Future	7.61	101.8232	7.6143	101.8232	62,330.00
15/04/2019	R023 On 02-May-19	8.46	Call	Bond Future	2719	3	2719	3	0.00
15/04/2019	R023 On 02-May-19	8.45	Call	Bond Future	2687	3	2687	3	0.00
15/04/2019	R023 On 02-May-19	8.44	Call	Bond Future	2656	3	2656	3	0.00
15/04/2019	R023 On 02-May-19	8.45	Put	Bond Future	0	0	0	0	0.00
15/04/2019	R023 On 02-May-19	8.44	Put	Bond Future	0	0	0	0	0.00
15/04/2019	R023 On 02-May-19	8.46	Put	Bond Future	0	0	0	0	0.00
15/04/2019	R023 On 01-August-19			Bond Future	7.62	103.7089	7.6188	103.7089	2,610.00
15/04/2019	R023 On 01-August-19	8.93	Call	Bond Future	3970	4	3970	4	0.00
15/04/2019	R023 On 01-August-19	8.95	Call	Bond Future	4027	4	4027	4	0.00
15/04/2019	R023 On 01-August-19	8.94	Call	Bond Future	3999	4	3999	4	0.00
15/04/2019	R023 On 01-August-19	8.94	Put	Bond Future	26	0	26	0	0.00
15/04/2019	R023 On 01-August-19	8.95	Put	Bond Future	25	0	25	0	0.00
15/04/2019	R023 On 01-August-19	8.93	Put	Bond Future	27	0	27	0	0.00
15/04/2019	R023 On 07-November-19			Bond Future	7.61	101.9237	7.6061	101.9237	0.00
15/04/2019	R023 On 07-November-19	7.98	Call	Bond Future	1675	2	1675	2	0.00
15/04/2019	R023 On 07-November-19	7.99	Call	Bond Future	1696	2	1696	2	0.00
15/04/2019	R023 On 07-November-19	8.00	Call	Bond Future	1717	2	1717	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
15/04/2019	R023 On 07-November-19	8.00	Put	Bond Future	591	1	591	1	0.00
15/04/2019	R023 On 07-November-19	7.99	Put	Bond Future	598	1	598	1	0.00
15/04/2019	R023 On 07-November-19	7.98	Put	Bond Future	605	1	605	1	0.00
15/04/2019	R023 On 06-February-20			Bond Future	7.57	103.9550	7.5686	103.9550	0.00
15/04/2019	R023 On 06-February-20	7.52	Call	Bond Future	0	0	0	0	0.00
15/04/2019	R023 On 06-February-20	7.54	Call	Bond Future	0	0	0	0	0.00
15/04/2019	R023 On 06-February-20	7.53	Call	Bond Future	0	0	0	0	0.00
15/04/2019	R023 On 06-February-20	7.53	Put	Bond Future	104	0	104	0	0.00
15/04/2019	R023 On 06-February-20	7.54	Put	Bond Future	77	0	77	0	0.00
15/04/2019	R023 On 06-February-20	7.52	Put	Bond Future	131	0	131	0	0.00
15/04/2019	R035 On 02-May-19			Bond Future	9.49	96.6401	9.4932	96.6401	61,969.00
15/04/2019	R035 On 02-May-19	9.74	Call	Bond Future	2150	2	2150	2	0.00
15/04/2019	R035 On 02-May-19	9.75	Call	Bond Future	2211	2	2211	2	0.00
15/04/2019	R035 On 02-May-19	9.73	Call	Bond Future	2089	2	2089	2	0.00
15/04/2019	R035 On 02-May-19	9.73	Put	Bond Future	267	0	267	0	0.00
15/04/2019	R035 On 02-May-19	9.75	Put	Bond Future	238	0	238	0	0.00
15/04/2019	R035 On 02-May-19	9.74	Put	Bond Future	252	0	252	0	0.00
15/04/2019	R035 On 01-August-19			Bond Future	9.55	98.4297	9.5517	98.4297	0.00
15/04/2019	R035 On 01-August-19	10.24	Call	Bond Future	5789	6	5789	6	0.00
15/04/2019	R035 On 01-August-19	10.23	Call	Bond Future	5730	6	5730	6	0.00
15/04/2019	R035 On 01-August-19	10.22	Call	Bond Future	5672	6	5672	6	0.00
15/04/2019	R035 On 01-August-19	10.23	Put	Bond Future	714	1	714	1	0.00
15/04/2019	R035 On 01-August-19	10.22	Put	Bond Future	726	1	726	1	0.00
15/04/2019	R035 On 01-August-19	10.24	Put	Bond Future	702	1	702	1	0.00
15/04/2019	R035 On 07-November-19			Bond Future	9.61	95.9640	9.6110	95.9640	0.00
15/04/2019	R035 On 07-November-19	9.87	Call	Bond Future	4319	4	4319	4	0.00
15/04/2019	R035 On 07-November-19	9.88	Call	Bond Future	4366	4	4366	4	0.00
15/04/2019	R035 On 07-November-19	9.89	Call	Bond Future	4413	4	4413	4	0.00
15/04/2019	R035 On 07-November-19	9.87	Put	Bond Future	2383	2	2383	2	0.00
15/04/2019	R035 On 07-November-19	9.89	Put	Bond Future	2330	2	2330	2	0.00
15/04/2019	R035 On 07-November-19	9.88	Put	Bond Future	2356	2	2356	2	0.00
15/04/2019	R035 On 06-February-20			Bond Future	9.66	97.8768	9.6614	97.8768	0.00
15/04/2019	R035 On 06-February-20	9.61	Call	Bond Future	0	0	0	0	0.00
15/04/2019	R035 On 06-February-20	9.60	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
15/04/2019	R035 On 06-February-20	9.59	Call	Bond Future	0	0	0	0	0.00
15/04/2019	R035 On 06-February-20	9.59	Put	Bond Future	537	1	537	1	0.00
15/04/2019	R035 On 06-February-20	9.61	Put	Bond Future	386	0	386	0	0.00
15/04/2019	R035 On 06-February-20	9.60	Put	Bond Future	462	0	462	0	0.00
15/04/2019	R186 On 02-May-19			Bond Future	8.47	115.0606	8.4668	115.0606	97,778.00
15/04/2019	R186 On 02-May-19	9.03	Call	Bond Future	3291	3	3291	3	0.00
15/04/2019	R186 On 02-May-19	8.65	Call	Bond Future	1303	1	1303	1	3,250.00
15/04/2019	R186 On 02-May-19	9.02	Call	Bond Future	3235	3	3235	3	0.00
15/04/2019	R186 On 02-May-19	10.07	Call	Bond Future	9005	9	9005	9	0.00
15/04/2019	R186 On 02-May-19	9.75	Call	Bond Future	7286	7	7286	7	0.00
15/04/2019	R186 On 02-May-19	8.70	Call	Bond Future	1535	1	1535	1	200.00
15/04/2019	R186 On 02-May-19	9.20	Call	Bond Future	4245	4	4245	4	90.00
15/04/2019	R186 On 02-May-19	9.00	Call	Bond Future	3123	3	3123	3	7,000.00
15/04/2019	R186 On 02-May-19	10.02	Call	Bond Future	8739	9	8739	9	0.00
15/04/2019	R186 On 02-May-19	8.62	Call	Bond Future	1172	1	1172	1	90.00
15/04/2019	R186 On 02-May-19	8.50	Call	Bond Future	713	1	713	1	7,000.00
15/04/2019	R186 On 02-May-19	8.80	Call	Bond Future	2036	2	2036	2	7,500.00
15/04/2019	R186 On 02-May-19	9.05	Call	Bond Future	3403	3	3403	3	0.00
15/04/2019	R186 On 02-May-19	9.96	Call	Bond Future	8418	8	8418	8	0.00
15/04/2019	R186 On 02-May-19	9.25	Call	Bond Future	4525	4	4525	4	3,250.00
15/04/2019	R186 On 02-May-19	8.90	Call	Bond Future	2571	2	2571	2	0.00
15/04/2019	R186 On 02-May-19	9.01	Call	Bond Future	3179	3	3179	3	0.00
15/04/2019	R186 On 02-May-19	9.30	Call	Bond Future	4805	5	4805	5	200.00
15/04/2019	R186 On 02-May-19	10.07	Put	Bond Future	0	0	0	0	200.00
15/04/2019	R186 On 02-May-19	9.20	Put	Bond Future	3	0	3	0	0.00
15/04/2019	R186 On 02-May-19	9.75	Put	Bond Future	0	0	0	0	7,000.00
15/04/2019	R186 On 02-May-19	10.02	Put	Bond Future	0	0	0	0	3,250.00
15/04/2019	R186 On 02-May-19	9.02	Put	Bond Future	15	0	15	0	0.00
15/04/2019	R186 On 02-May-19	9.05	Put	Bond Future	12	0	12	0	3,250.00
15/04/2019	R186 On 02-May-19	8.90	Put	Bond Future	39	0	39	0	4,000.00
15/04/2019	R186 On 02-May-19	9.00	Put	Bond Future	18	0	18	0	7,500.00
15/04/2019	R186 On 02-May-19	8.50	Put	Bond Future	516	1	516	1	0.00
15/04/2019	R186 On 02-May-19	8.80	Put	Bond Future	82	0	82	0	0.00
15/04/2019	R186 On 02-May-19	8.62	Put	Bond Future	267	0	267	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
15/04/2019	R186 On 02-May-19	9.30	Put	Bond Future	1	0	1	0	0.00
15/04/2019	R186 On 02-May-19	8.70	Put	Bond Future	162	0	162	0	0.00
15/04/2019	R186 On 02-May-19	9.25	Put	Bond Future	2	0	2	0	0.00
15/04/2019	R186 On 02-May-19	8.65	Put	Bond Future	223	0	223	0	4,100.00
15/04/2019	R186 On 02-May-19	9.96	Put	Bond Future	0	0	0	0	90.00
15/04/2019	R186 On 02-May-19	9.01	Put	Bond Future	16	0	16	0	0.00
15/04/2019	R186 On 02-May-19	9.03	Put	Bond Future	14	0	14	0	0.00
15/04/2019	R186 On 01-August-19			Bond Future	8.51	111.8924	8.5131	111.8924	1,056.00
15/04/2019	R186 On 01-August-19	8.30	Call	Bond Future	983	1	983	1	6,000.00
15/04/2019	R186 On 01-August-19	9.05	Call	Bond Future	3589	4	3589	4	6,000.00
15/04/2019	R186 On 01-August-19	9.52	Call	Bond Future	5820	6	5820	6	0.00
15/04/2019	R186 On 01-August-19	8.38	Call	Bond Future	1176	1	1176	1	0.00
15/04/2019	R186 On 01-August-19	9.54	Call	Bond Future	5916	6	5916	6	0.00
15/04/2019	R186 On 01-August-19	8.70	Call	Bond Future	2162	2	2162	2	0.00
15/04/2019	R186 On 01-August-19	9.22	Call	Bond Future	4369	4	4369	4	0.00
15/04/2019	R186 On 01-August-19	9.53	Call	Bond Future	5868	6	5868	6	0.00
15/04/2019	R186 On 01-August-19	10.08	Call	Bond Future	8612	8	8612	8	0.00
15/04/2019	R186 On 01-August-19	8.38	Put	Bond Future	1946	2	1946	2	0.00
15/04/2019	R186 On 01-August-19	8.70	Put	Bond Future	1091	1	1091	1	4,150.00
15/04/2019	R186 On 01-August-19	9.54	Put	Bond Future	197	0	197	0	0.00
15/04/2019	R186 On 01-August-19	9.53	Put	Bond Future	203	0	203	0	0.00
15/04/2019	R186 On 01-August-19	9.22	Put	Bond Future	390	0	390	0	0.00
15/04/2019	R186 On 01-August-19	10.08	Put	Bond Future	38	0	38	0	6,000.00
15/04/2019	R186 On 01-August-19	9.52	Put	Bond Future	208	0	208	0	0.00
15/04/2019	R186 On 01-August-19	9.05	Put	Bond Future	549	1	549	1	0.00
15/04/2019	R186 On 01-August-19	8.30	Put	Bond Future	2220	2	2220	2	0.00
15/04/2019	R186 On 07-November-19			Bond Future	8.55	114.2116	8.5501	114.2116	0.00
15/04/2019	R186 On 07-November-19	8.73	Call	Bond Future	2741	3	2741	3	0.00
15/04/2019	R186 On 07-November-19	8.94	Call	Bond Future	3507	3	3507	3	0.00
15/04/2019	R186 On 07-November-19	8.23	Call	Bond Future	1323	1	1323	1	5,000.00
15/04/2019	R186 On 07-November-19	8.96	Call	Bond Future	3584	4	3584	4	0.00
15/04/2019	R186 On 07-November-19	8.95	Call	Bond Future	3545	3	3545	3	0.00
15/04/2019	R186 On 07-November-19	8.96	Put	Bond Future	1324	1	1324	1	0.00
15/04/2019	R186 On 07-November-19	8.23	Put	Bond Future	3130	3	3130	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
15/04/2019	R186 On 07-November-19	8.95	Put	Bond Future	1340	1	1340	1	0.00
15/04/2019	R186 On 07-November-19	8.73	Put	Bond Future	1742	2	1742	2	5,000.00
15/04/2019	R186 On 07-November-19	8.94	Put	Bond Future	1357	1	1357	1	0.00
15/04/2019	R186 On 06-February-20			Bond Future	8.57	111.1787	8.5727	111.1787	0.00
15/04/2019	R186 On 06-February-20	8.55	Call	Bond Future	0	0	0	0	0.00
15/04/2019	R186 On 06-February-20	8.57	Call	Bond Future	0	0	0	0	0.00
15/04/2019	R186 On 06-February-20	8.56	Call	Bond Future	0	0	0	0	0.00
15/04/2019	R186 On 06-February-20	8.56	Put	Bond Future	69	0	69	0	0.00
15/04/2019	R186 On 06-February-20	8.57	Put	Bond Future	15	0	15	0	0.00
15/04/2019	R186 On 06-February-20	8.55	Put	Bond Future	123	0	123	0	0.00
15/04/2019	R197 On 02-May-19			Bond Future	301.84	301.8980	301.8436	301.8980	2,500.00
15/04/2019	R197 On 01-August-19			Bond Future	300.06	300.1133	300.0569	300.1133	1,400.00
15/04/2019	R197 On 07-November-19			Bond Future	306.35	306.4096	306.3515	306.4096	0.00
15/04/2019	R197 On 06-February-20			Bond Future	304.88	304.9368	304.8769	304.9368	0.00
15/04/2019	R202 On 02-May-19			Bond Future	232.33	232.3690	232.3297	232.3690	8,717.00
15/04/2019	R202 On 01-August-19			Bond Future	232.73	232.7724	232.7318	232.7724	2,037.00
15/04/2019	R202 On 07-November-19			Bond Future	237.61	237.6559	237.6138	237.6559	0.00
15/04/2019	R202 On 06-February-20			Bond Future	238.34	238.3830	238.3397	238.3830	0.00
15/04/2019	R207 On 02-May-19			Bond Future	6.70	102.6040	6.6981	102.6040	6,013.00
15/04/2019	R207 On 02-May-19	7.61	Call	Bond Future	606	1	606	1	0.00
15/04/2019	R207 On 02-May-19	7.63	Call	Bond Future	619	1	619	1	0.00
15/04/2019	R207 On 02-May-19	7.62	Call	Bond Future	613	1	613	1	0.00
15/04/2019	R207 On 02-May-19	7.62	Put	Bond Future	0	0	0	0	0.00
15/04/2019	R207 On 02-May-19	7.63	Put	Bond Future	0	0	0	0	0.00
15/04/2019	R207 On 02-May-19	7.61	Put	Bond Future	0	0	0	0	0.00
15/04/2019	R207 On 01-August-19			Bond Future	6.19	100.8629	6.1906	100.8629	50.00
15/04/2019	R207 On 01-August-19	7.33	Call	Bond Future	494	1	494	1	0.00
15/04/2019	R207 On 01-August-19	7.34	Call	Bond Future	498	1	498	1	0.00
15/04/2019	R207 On 01-August-19	7.35	Call	Bond Future	503	1	503	1	0.00
15/04/2019	R207 On 01-August-19	7.35	Put	Bond Future	0	0	0	0	0.00
15/04/2019	R207 On 01-August-19	7.33	Put	Bond Future	0	0	0	0	0.00
15/04/2019	R207 On 01-August-19	7.34	Put	Bond Future	0	0	0	0	0.00
15/04/2019	R207 On 07-November-19			Bond Future	3.77	102.9536	3.7717	102.9536	0.00
15/04/2019	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
15/04/2019	R207 On 07-November-19	2.08	Call	Bond Future	0	0	0	0	0.00
15/04/2019	R207 On 07-November-19	2.06	Call	Bond Future	0	0	0	0	0.00
15/04/2019	R207 On 07-November-19	2.06	Put	Bond Future	308	0	308	0	0.00
15/04/2019	R207 On 07-November-19	2.07	Put	Bond Future	306	0	306	0	0.00
15/04/2019	R207 On 07-November-19	2.08	Put	Bond Future	304	0	304	0	0.00
15/04/2019	R208 On 02-May-19			Bond Future	6.79	100.5213	6.7859	100.5213	15,592.00
15/04/2019	R208 On 02-May-19	8.02	Call	Bond Future	2135	2	2135	2	0.00
15/04/2019	R208 On 02-May-19	8.04	Call	Bond Future	2169	2	2169	2	0.00
15/04/2019	R208 On 02-May-19	8.03	Call	Bond Future	2152	2	2152	2	0.00
15/04/2019	R208 On 02-May-19	8.02	Put	Bond Future	0	0	0	0	0.00
15/04/2019	R208 On 02-May-19	8.04	Put	Bond Future	0	0	0	0	0.00
15/04/2019	R208 On 02-May-19	8.03	Put	Bond Future	0	0	0	0	0.00
15/04/2019	R208 On 01-August-19			Bond Future	6.67	102.3828	6.6693	102.3828	0.00
15/04/2019	R208 On 01-August-19	8.17	Call	Bond Future	2279	2	2279	2	0.00
15/04/2019	R208 On 01-August-19	8.16	Call	Bond Future	2264	2	2264	2	0.00
15/04/2019	R208 On 01-August-19	8.15	Call	Bond Future	2249	2	2249	2	0.00
15/04/2019	R208 On 01-August-19	8.15	Put	Bond Future	1	0	1	0	0.00
15/04/2019	R208 On 01-August-19	8.17	Put	Bond Future	1	0	1	0	0.00
15/04/2019	R208 On 01-August-19	8.16	Put	Bond Future	1	0	1	0	0.00
15/04/2019	R208 On 07-November-19			Bond Future	6.44	101.0990	6.4372	101.0990	0.00
15/04/2019	R208 On 07-November-19	6.84	Call	Bond Future	651	1	651	1	0.00
15/04/2019	R208 On 07-November-19	6.83	Call	Bond Future	640	1	640	1	0.00
15/04/2019	R208 On 07-November-19	6.82	Call	Bond Future	629	1	629	1	0.00
15/04/2019	R208 On 07-November-19	6.83	Put	Bond Future	128	0	128	0	0.00
15/04/2019	R208 On 07-November-19	6.82	Put	Bond Future	130	0	130	0	0.00
15/04/2019	R208 On 07-November-19	6.84	Put	Bond Future	126	0	126	0	0.00
15/04/2019	R208 On 06-February-20			Bond Future	6.06	103.1139	6.0591	103.1139	0.00
15/04/2019	R208 On 06-February-20	6.12	Call	Bond Future	66	0	66	0	0.00
15/04/2019	R208 On 06-February-20	6.13	Call	Bond Future	77	0	77	0	0.00
15/04/2019	R208 On 06-February-20	6.14	Call	Bond Future	88	0	88	0	0.00
15/04/2019	R208 On 06-February-20	6.14	Put	Bond Future	0	0	0	0	0.00
15/04/2019	R208 On 06-February-20	6.12	Put	Bond Future	0	0	0	0	0.00
15/04/2019	R208 On 06-February-20	6.13	Put	Bond Future	0	0	0	0	0.00
15/04/2019	R209 On 02-May-19			Bond Future	9.44	73.9553	9.4418	73.9553	99,298.00

Date	Contract Details	Strike	Call/ Put	Product	MTM Yield	Previous Day's Closing MTM	MTM Price	Previous Day's Closing Price	Open Interest
15/04/2019	R209 On 02-May-19	9.69	Call	Bond Future	1848	2	1848	2	0.00
15/04/2019	R209 On 02-May-19	10.50	Call	Bond Future	6603	7	6603	7	0.00
15/04/2019	R209 On 02-May-19	10.71	Call	Bond Future	7808	8	7808	8	0.00
15/04/2019	R209 On 02-May-19	9.70	Call	Bond Future	1901	2	1901	2	0.00
15/04/2019	R209 On 02-May-19	9.95	Call	Bond Future	3328	3	3328	3	760.00
15/04/2019	R209 On 02-May-19	9.68	Call	Bond Future	1796	2	1796	2	0.00
15/04/2019	R209 On 02-May-19	9.35	Call	Bond Future	480	1	480	1	760.00
15/04/2019	R209 On 02-May-19	9.68	Put	Bond Future	229	0	229	0	0.00
15/04/2019	R209 On 02-May-19	9.35	Put	Bond Future	1097	1	1097	1	0.00
15/04/2019	R209 On 02-May-19	10.50	Put	Bond Future	1	0	1	0	11,560.00
15/04/2019	R209 On 02-May-19	10.71	Put	Bond Future	0	0	0	0	760.00
15/04/2019	R209 On 02-May-19	9.95	Put	Bond Future	43	0	43	0	0.00
15/04/2019	R209 On 02-May-19	9.69	Put	Bond Future	216	0	216	0	0.00
15/04/2019	R209 On 02-May-19	9.70	Put	Bond Future	204	0	204	0	0.00
15/04/2019	R209 On 01-August-19			Bond Future	9.49	75.3248	9.4940	75.3248	32.00
15/04/2019	R209 On 01-August-19	10.15	Call	Bond Future	4796	5	4796	5	0.00
15/04/2019	R209 On 01-August-19	9.30	Call	Bond Future	1338	1	1338	1	7,560.00
15/04/2019	R209 On 01-August-19	10.17	Call	Bond Future	4896	5	4896	5	0.00
15/04/2019	R209 On 01-August-19	10.46	Call	Bond Future	6379	6	6379	6	0.00
15/04/2019	R209 On 01-August-19	9.80	Call	Bond Future	3146	3	3146	3	7,560.00
15/04/2019	R209 On 01-August-19	10.16	Call	Bond Future	4846	5	4846	5	0.00
15/04/2019	R209 On 01-August-19	10.46	Put	Bond Future	375	0	375	0	7,560.00
15/04/2019	R209 On 01-August-19	9.30	Put	Bond Future	2638	3	2638	3	0.00
15/04/2019	R209 On 01-August-19	9.80	Put	Bond Future	1162	1	1162	1	0.00
15/04/2019	R209 On 01-August-19	10.16	Put	Bond Future	627	1	627	1	0.00
15/04/2019	R209 On 01-August-19	10.15	Put	Bond Future	638	1	638	1	0.00
15/04/2019	R209 On 01-August-19	10.17	Put	Bond Future	616	1	616	1	0.00
15/04/2019	R209 On 07-November-19			Bond Future	9.54	73.7325	9.5438	73.7325	0.00
15/04/2019	R209 On 07-November-19	9.80	Call	Bond Future	3715	4	3715	4	0.00
15/04/2019	R209 On 07-November-19	9.82	Call	Bond Future	3796	4	3796	4	0.00
15/04/2019	R209 On 07-November-19	9.81	Call	Bond Future	3755	4	3755	4	0.00
15/04/2019	R209 On 07-November-19	9.81	Put	Bond Future	2043	2	2043	2	0.00
15/04/2019	R209 On 07-November-19	9.82	Put	Bond Future	2020	2	2020	2	0.00
15/04/2019	R209 On 07-November-19	9.80	Put	Bond Future	2066	2	2066	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
15/04/2019	R209 On 06-February-20			Bond Future	9.58	75.2023	9.5837	75.2023	0.00
15/04/2019	R209 On 06-February-20	9.51	Call	Bond Future	0	0	0	0	0.00
15/04/2019	R209 On 06-February-20	9.52	Call	Bond Future	0	0	0	0	0.00
15/04/2019	R209 On 06-February-20	9.50	Call	Bond Future	0	0	0	0	0.00
15/04/2019	R209 On 06-February-20	9.50	Put	Bond Future	546	1	546	1	0.00
15/04/2019	R209 On 06-February-20	9.51	Put	Bond Future	480	0	480	0	0.00
15/04/2019	R209 On 06-February-20	9.52	Put	Bond Future	415	0	415	0	0.00
15/04/2019	R210 On 02-May-19			Bond Future	185.38	184.8319	185.3835	184.8319	2,268.00
15/04/2019	R210 On 01-August-19			Bond Future	188.86	188.3005	188.8618	188.3005	695.00
15/04/2019	R210 On 07-November-19			Bond Future	190.22	189.6511	190.2240	189.6511	0.00
15/04/2019	R210 On 06-February-20			Bond Future	194.06	193.4732	194.0573	193.4732	0.00
15/04/2019	R212 On 02-May-19			Bond Future	157.47	157.4110	157.4657	157.4110	8,946.00
15/04/2019	R212 On 01-August-19			Bond Future	158.23	158.1773	158.2325	158.1773	1,526.00
15/04/2019	R212 On 07-November-19			Bond Future	161.55	161.4958	161.5519	161.4958	0.00
15/04/2019	R212 On 06-February-20			Bond Future	162.57	162.5107	162.5676	162.5107	0.00
15/04/2019	R213 On 02-May-19			Bond Future	9.15	85.8288	9.1521	85.8288	28,739.00
15/04/2019	R213 On 02-May-19	9.50	Call	Bond Future	2281	2	2281	2	0.00
15/04/2019	R213 On 02-May-19	9.49	Call	Bond Future	2226	2	2226	2	0.00
15/04/2019	R213 On 02-May-19	9.48	Call	Bond Future	2172	2	2172	2	0.00
15/04/2019	R213 On 02-May-19	9.49	Put	Bond Future	107	0	107	0	0.00
15/04/2019	R213 On 02-May-19	9.48	Put	Bond Future	114	0	114	0	0.00
15/04/2019	R213 On 02-May-19	9.50	Put	Bond Future	100	0	100	0	0.00
15/04/2019	R213 On 01-August-19			Bond Future	9.20	87.4182	9.2048	87.4182	0.00
15/04/2019	R213 On 01-August-19	9.98	Call	Bond Future	5134	5	5134	5	0.00
15/04/2019	R213 On 01-August-19	9.99	Call	Bond Future	5184	5	5184	5	0.00
15/04/2019	R213 On 01-August-19	10.00	Call	Bond Future	5234	5	5234	5	0.00
15/04/2019	R213 On 01-August-19	10.00	Put	Bond Future	431	0	431	0	0.00
15/04/2019	R213 On 01-August-19	9.98	Put	Bond Future	447	0	447	0	0.00
15/04/2019	R213 On 01-August-19	9.99	Put	Bond Future	439	0	439	0	0.00
15/04/2019	R213 On 07-November-19			Bond Future	9.26	85.6762	9.2573	85.6762	0.00
15/04/2019	R213 On 07-November-19	9.58	Call	Bond Future	3719	4	3719	4	0.00
15/04/2019	R213 On 07-November-19	9.59	Call	Bond Future	3758	4	3758	4	0.00
15/04/2019	R213 On 07-November-19	9.60	Call	Bond Future	3799	4	3799	4	0.00
15/04/2019	R213 On 07-November-19	9.60	Put	Bond Future	1716	2	1716	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
15/04/2019	R213 On 07-November-19	9.58	Put	Bond Future	1755	2	1755	2	0.00
15/04/2019	R213 On 07-November-19	9.59	Put	Bond Future	1735	2	1735	2	0.00
15/04/2019	R213 On 06-February-20			Bond Future	9.30	87.3838	9.3006	87.3838	0.00
15/04/2019	R213 On 06-February-20	9.28	Call	Bond Future	0	0	0	0	0.00
15/04/2019	R213 On 06-February-20	9.27	Call	Bond Future	0	0	0	0	0.00
15/04/2019	R213 On 06-February-20	9.26	Call	Bond Future	0	0	0	0	0.00
15/04/2019	R213 On 06-February-20	9.27	Put	Bond Future	186	0	186	0	0.00
15/04/2019	R213 On 06-February-20	9.26	Put	Bond Future	248	0	248	0	0.00
15/04/2019	R213 On 06-February-20	9.28	Put	Bond Future	125	0	125	0	0.00
15/04/2019	R214 On 02-May-19			Bond Future	9.64	72.8052	9.6369	72.8052	21,077.00
15/04/2019	R214 On 02-May-19	9.87	Call	Bond Future	1850	2	1850	2	0.00
15/04/2019	R214 On 02-May-19	9.85	Call	Bond Future	1744	2	1744	2	0.00
15/04/2019	R214 On 02-May-19	9.86	Call	Bond Future	1797	2	1797	2	0.00
15/04/2019	R214 On 02-May-19	9.86	Put	Bond Future	268	0	268	0	0.00
15/04/2019	R214 On 02-May-19	9.87	Put	Bond Future	253	0	253	0	0.00
15/04/2019	R214 On 02-May-19	9.85	Put	Bond Future	283	0	283	0	0.00
15/04/2019	R214 On 01-August-19			Bond Future	9.69	74.1534	9.6897	74.1534	0.00
15/04/2019	R214 On 01-August-19	10.33	Call	Bond Future	4914	5	4914	5	0.00
15/04/2019	R214 On 01-August-19	10.34	Call	Bond Future	4965	5	4965	5	0.00
15/04/2019	R214 On 01-August-19	10.32	Call	Bond Future	4863	5	4863	5	0.00
15/04/2019	R214 On 01-August-19	10.32	Put	Bond Future	714	1	714	1	0.00
15/04/2019	R214 On 01-August-19	10.33	Put	Bond Future	702	1	702	1	0.00
15/04/2019	R214 On 01-August-19	10.34	Put	Bond Future	690	1	690	1	0.00
15/04/2019	R214 On 07-November-19			Bond Future	9.74	72.3903	9.7431	72.3903	0.00
15/04/2019	R214 On 07-November-19	10.01	Call	Bond Future	3948	4	3948	4	0.00
15/04/2019	R214 On 07-November-19	10.00	Call	Bond Future	3907	4	3907	4	0.00
15/04/2019	R214 On 07-November-19	10.02	Call	Bond Future	3990	4	3990	4	0.00
15/04/2019	R214 On 07-November-19	10.00	Put	Bond Future	2184	2	2184	2	0.00
15/04/2019	R214 On 07-November-19	10.01	Put	Bond Future	2160	2	2160	2	0.00
15/04/2019	R214 On 07-November-19	10.02	Put	Bond Future	2136	2	2136	2	0.00
15/04/2019	R214 On 06-February-20			Bond Future	9.79	73.8332	9.7886	73.8332	0.00
15/04/2019	R214 On 06-February-20	9.71	Call	Bond Future	0	0	0	0	0.00
15/04/2019	R214 On 06-February-20	9.73	Call	Bond Future	0	0	0	0	0.00
15/04/2019	R214 On 06-February-20	9.72	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
15/04/2019	R214 On 06-February-20	9.72	Put	Bond Future	467	0	467	0	0.00
15/04/2019	R214 On 06-February-20	9.73	Put	Bond Future	399	0	399	0	0.00
15/04/2019	R214 On 06-February-20	9.71	Put	Bond Future	536	1	536	1	0.00
15/04/2019	R248 On 02-May-19			Bond Future	9.62	93.1318	9.6217	93.1318	101,201.00
15/04/2019	R248 On 02-May-19	9.90	Call	Bond Future	2703	3	2703	3	0.00
15/04/2019	R248 On 02-May-19	9.91	Call	Bond Future	2774	3	2774	3	0.00
15/04/2019	R248 On 02-May-19	9.89	Call	Bond Future	2631	3	2631	3	0.00
15/04/2019	R248 On 02-May-19	9.91	Put	Bond Future	245	0	245	0	0.00
15/04/2019	R248 On 02-May-19	9.89	Put	Bond Future	274	0	274	0	0.00
15/04/2019	R248 On 02-May-19	9.90	Put	Bond Future	259	0	259	0	0.00
15/04/2019	R248 On 01-August-19			Bond Future	9.67	94.8565	9.6738	94.8565	100.00
15/04/2019	R248 On 01-August-19	10.36	Call	Bond Future	6541	7	6541	7	0.00
15/04/2019	R248 On 01-August-19	10.35	Call	Bond Future	6475	6	6475	6	0.00
15/04/2019	R248 On 01-August-19	10.34	Call	Bond Future	6410	6	6410	6	0.00
15/04/2019	R248 On 01-August-19	10.35	Put	Bond Future	788	1	788	1	0.00
15/04/2019	R248 On 01-August-19	10.34	Put	Bond Future	801	1	801	1	0.00
15/04/2019	R248 On 01-August-19	10.36	Put	Bond Future	774	1	774	1	0.00
15/04/2019	R248 On 07-November-19			Bond Future	9.73	92.3802	9.7262	92.3802	0.00
15/04/2019	R248 On 07-November-19	10.03	Call	Bond Future	5167	5	5167	5	0.00
15/04/2019	R248 On 07-November-19	10.02	Call	Bond Future	5112	5	5112	5	0.00
15/04/2019	R248 On 07-November-19	10.01	Call	Bond Future	5058	5	5058	5	0.00
15/04/2019	R248 On 07-November-19	10.02	Put	Bond Future	2588	3	2588	3	0.00
15/04/2019	R248 On 07-November-19	10.01	Put	Bond Future	2618	3	2618	3	0.00
15/04/2019	R248 On 07-November-19	10.03	Put	Bond Future	2558	3	2558	3	0.00
15/04/2019	R248 On 06-February-20			Bond Future	9.77	94.2216	9.7708	94.2216	0.00
15/04/2019	R248 On 06-February-20	9.71	Call	Bond Future	0	0	0	0	0.00
15/04/2019	R248 On 06-February-20	9.72	Call	Bond Future	0	0	0	0	0.00
15/04/2019	R248 On 06-February-20	9.70	Call	Bond Future	0	0	0	0	0.00
15/04/2019	R248 On 06-February-20	9.72	Put	Bond Future	446	0	446	0	0.00
15/04/2019	R248 On 06-February-20	9.70	Put	Bond Future	622	1	622	1	0.00
15/04/2019	R248 On 06-February-20	9.71	Put	Bond Future	534	1	534	1	0.00