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INTEREST RATE AND CURRENCY DERIVATIVES

DAILY MTM REPORT

DAILY SUMMARY FOR: 29/07/2020

Contract Details	Strike	Call / Put	MTM	Yield	Mark Price	Spot Rate	Previous MTM	Previous Price	Premium On Option	Volatility	Delta	Delta Value	Contracts Traded	Open Interest
Derivatives														
5Y STND	On 21/12/2021	Interest Rate Swap	90.74000		90.74000		90.76000	90.76000			0.00	0.00	0	51.0
AL37	On 06/08/2020	Index Future	734.66700		734.66700		736.99300	736.99300			0.00	0.00	0	0.0
AL37	On 05/11/2020	Index Future	742.08700		742.08700		744.44000	744.44000			0.00	0.00	0	0.0
AL37	On 04/02/2021	Index Future	750.29200		750.29200		752.67500	752.67500			0.00	0.00	0	0.0
AL37	On 06/05/2021	Index Future	758.85900		758.85900		761.27100	761.27100			0.00	0.00	0	0.0
AL7T	On 06/08/2020	Index Future	807.51600		807.51600		810.38600	810.38600			0.00	0.00	0	0.0
AL7T	On 05/11/2020	Index Future	815.67100		815.67100		818.57500	818.57500			0.00	0.00	0	0.0
AL7T	On 04/02/2021	Index Future	824.69000		824.69000		827.63000	827.63000			0.00	0.00	0	0.0
AL7T	On 06/05/2021	Index Future	834.10700		834.10700		837.08200	837.08200			0.00	0.00	0	0.0
ALBI	On 06/08/2020	Index Future	705.34800		705.34800		709.20800	709.20800			0.00	0.00	0	51.0
ALBI	On 05/11/2020	Index Future	712.47200		712.47200		716.37400	716.37400			0.00	0.00	0	164.0
ALBI	On 04/02/2021	Index Future	720.35000		720.35000		724.29900	724.29900			0.00	0.00	0	0.0

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Contract Details	Strike	Call / Put	MTM	Yield	Mark Price	Spot Rate	Previous MTM	Previous Price	Premium On Option	Volatility	Delta	Delta Value	Contracts Traded	Open Interest
ALBI	On 06/05/2021	Index Future	728.57500		728.57500		732.57100	732.57100			0.00	0.00	0	0.0
E170	On 01/08/2021	Price Contribution	100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.0
ES23	On 25/01/2023	Price Contribution	100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.0
ES23A	On 25/01/2023	Price Contribution	100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.0
ES26	On 25/01/2023	Price Contribution	100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.0
ES26A	On 02/04/2026	Price Contribution	100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.0
ES33	On 06/08/2020	Bond Future	11.80687		74.68697		11.72533	75.11177			0.00	0.00	0	0.0
ES33	On 05/11/2020	Bond Future	12.07329		71.66021		11.98799	72.09061			0.00	0.00	0	350.0
ES33	On 04/02/2021	Bond Future	12.34710		72.45338		12.25780	72.88959			0.00	0.00	0	0.0
ES33	On 06/05/2021	Bond Future	12.62358		69.50536		12.53022	69.94710			0.00	0.00	0	0.0
ES33	On 15/09/2033	Price Contribution	100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.0
ES33A	On 15/09/2033	Price Contribution	100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.0
ES42	On 06/08/2020	Bond Future	12.22567		74.34686		12.11855	74.96526			0.00	0.00	0	0.0
ES42	On 05/11/2020	Bond Future	12.48263		70.83244		12.37029	71.45835			0.00	0.00	0	4,919.0
ES42	On 04/02/2021	Bond Future	12.73881		71.61729		12.62108	72.25116			0.00	0.00	0	0.0
ES42	On 06/05/2021	Bond Future	13.00765		68.17777		12.88412	68.81943			0.00	0.00	0	0.0
ES42	On 25/04/2042	Price Contribution	100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.0
GOVI	On 06/08/2020	GOVI	696.66900		696.66900		700.43400	700.43400			0.00	0.00	0	54.0
GOVI	On 05/11/2020	GOVI	703.70500		703.70500		707.51200	707.51200			0.00	0.00	0	983.0
GOVI	On 04/02/2021	GOVI	711.48600		711.48600		715.33900	715.33900			0.00	0.00	0	0.0
GOVI	On 06/05/2021	GOVI	719.61000		719.61000		723.50800	723.50800			0.00	0.00	0	0.0
I2025	On 06/08/2020	Bond Future	137.43395		137.43395		137.46406	137.46406			0.00	385,089,927.90	2,802	5,044.0
I2025	On 05/11/2020	Bond Future	138.84135		138.84135		138.87417	138.87417			0.00	389,033,462.70	2,802	2,802.0
I2025	On 04/02/2021	Bond Future	138.90486		138.90486		138.93991	138.93991			0.00	0.00	0	0.0
I2025	On 06/05/2021	Bond Future	140.52459		140.52459		140.56109	140.56109			0.00	0.00	0	0.0
I2025	On 31/01/2025	Price Contribution	100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.0
I2029	On 06/08/2020	Bond Future	97.69592		97.69592		97.69142	97.69142			0.00	289,082,227.28	2,959	2,405.0
I2029	On 05/11/2020	Bond Future	97.57370		97.57370		97.57084	97.57084			0.00	288,720,578.30	2,959	5,012.0
I2029	On 04/02/2021	Bond Future	98.67664		98.67664		98.67513	98.67513			0.00	0.00	0	0.0
I2029	On 06/05/2021	Bond Future	98.68976		98.68976		98.68892	98.68892			0.00	0.00	0	0.0
I2033	On 14/08/2015	Price Contribution	100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.0

Contract Details	Strike	Call / Put	MTM	Yield	Mark Price	Spot Rate	Previous MTM	Previous Price	Premium On Option	Volatility	Delta	Delta Value	Contracts Traded	Open Interest
I2033	On 06/08/2020	Bond Future	92.43129	92.43129		92.37547	92.37547				0.00	70,987,230.72	768	5,840.0
I2033	On 05/11/2020	Bond Future	92.18123	92.18123		92.12649	92.12649				0.00	70,795,184.64	768	8,226.0
I2033	On 04/02/2021	Bond Future	93.22309	93.22309		93.16898	93.16898				0.00	0.00	0	0.0
I2033	On 06/05/2021	Bond Future	93.09611	93.09611		93.04208	93.04208				0.00	0.00	0	0.0
I2033	On 28/02/2033	Price Contribution	100.00000	100.00000		100.00000	100.00000				0.00	0.00	0	0.0
I2038	On 06/08/2020	Bond Future	102.79810	102.79810		102.78994	102.78994				0.00	0.00	0	10,802.0
I2038	On 05/11/2020	Bond Future	103.85080	103.85080		103.84437	103.84437				0.00	0.00	0	6,806.0
I2038	On 04/02/2021	Bond Future	103.33069	103.33069		103.32553	103.32553				0.00	0.00	0	0.0
I2038	On 06/05/2021	Bond Future	104.53595	104.53595		104.53151	104.53151				0.00	0.00	0	0.0
I2038	On 31/01/2038	Price Contribution	100.00000	100.00000		100.00000	100.00000				0.00	0.00	0	0.0
I2046	On 06/08/2020	Bond Future	91.82077	91.82077		91.81288	91.81288				0.00	0.00	0	7,555.0
I2046	On 05/11/2020	Bond Future	90.99688	90.99688		90.99056	90.99056				0.00	0.00	0	11,620.0
I2046	On 04/02/2021	Bond Future	92.02573	92.02573		92.02049	92.02049				0.00	0.00	0	0.0
I2046	On 06/05/2021	Bond Future	91.31163	91.31163		91.30702	91.30702				0.00	0.00	0	0.0
I2046	On 31/03/2046	Price Contribution	100.00000	100.00000		100.00000	100.00000				0.00	0.00	0	0.0
I2050	On 06/08/2020	Bond Future	92.42269	92.42269		92.16358	92.16358				0.00	2,310,567.25	25	10,340.0
I2050	On 05/11/2020	Bond Future	93.36913	93.36913		93.10899	93.10899				0.00	68,626,310.55	735	13,263.0
I2050	On 04/02/2021	Bond Future	92.53721	92.53721		92.27549	92.27549				0.00	0.00	0	0.0
I2050	On 06/05/2021	Bond Future	93.61649	93.61649		93.35244	93.35244				0.00	0.00	0	0.0
I2050	On 31/12/2050	Price Contribution	100.00000	100.00000		100.00000	100.00000				0.00	0.00	0	0.0
IGOV	On 06/08/2020	Index Future	248.55600	248.55600		248.48600	248.48600				0.00	2,053,072,560.00	826	88.0
IGOV	On 05/11/2020	Index Future	251.12800	251.12800		251.05900	251.05900				0.00	2,074,317,280.00	826	1,174.0
IGOV	On 04/02/2021	Index Future	253.96600	253.96600		253.89700	253.89700				0.00	0.00	0	0.0
IGOV	On 06/05/2021	Index Future	256.92600	256.92600		256.85700	256.85700				0.00	0.00	0	0.0
JIBAR FUTURE	On 19/08/2020	Jibar Tradeable Future	3.67500	96.32500		3.69500	96.30500				0.00	0.00	0	0.0
JIBAR FUTURE	On 16/09/2020	Jibar Tradeable Future	3.63500	96.36500		3.67500	96.32500				0.00	0.00	0	0.0
JIBAR FUTURE	On 21/10/2020	Jibar Tradeable Future	3.55500	96.44500		3.57500	96.42500				0.00	0.00	0	0.0
JIBAR FUTURE	On 18/11/2020	Jibar Tradeable Future	3.54500	96.45500		3.57500	96.42500				0.00	0.00	0	0.0
JIBAR FUTURE	On 15/12/2020	Jibar Tradeable Future	3.53500	96.46500		3.56500	96.43500				0.00	0.00	0	10.0
JIBAR FUTURE	On 20/01/2021	Jibar Tradeable Future	3.52500	96.47500		3.56500	96.43500				0.00	0.00	0	0.0
JIBAR FUTURE	On 17/03/2021	Jibar Tradeable Future	3.56000	96.44000		3.60000	96.40000				0.00	0.00	0	0.0
JIBAR FUTURE	On 15/06/2021	Jibar Tradeable Future	3.74000	96.26000		3.73000	96.27000				0.00	0.00	0	0.0
JIBAR FUTURE	On 15/09/2021	Jibar Tradeable Future	3.77500	96.22500		3.79500	96.20500				0.00	0.00	0	0.0
JIBAR FUTURE	On 15/12/2021	Jibar Tradeable Future	4.03000	95.97000		4.03000	95.97000				0.00	0.00	0	0.0
JIBAR FUTURE	On 16/03/2022	Jibar Tradeable Future	4.11500	95.88500		4.12500	95.87500				0.00	0.00	0	0.0
JIBAR FUTURE	On 15/06/2022	Jibar Tradeable Future	4.46500	95.53500		4.38500	95.61500				0.00	0.00	0	0.0
R186	On 06/08/2020	Bond Future	7.55900	116.10436		7.49484	116.45319			8.88	0.00	7,546,783.40	65	38,201.0

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R186	On 06/08/2020	Bond Future	7.45	Call	357.58000		0.35758		531.79000	0.53179	357.580	8.86	0.35		0	2,500.0
R186	On 06/08/2020	Bond Future	7.45	Put	951.00000		0.95100		776.38000	0.77638	951.000	8.86	0.65	0.00	0	2,500.0
R186	On 06/08/2020	Bond Future	8.00	Put	46.27000		0.04627		37.13000	0.03713	46.270	9.26	0.07	0.00	0	15,177.0
R186	On 06/08/2020	Bond Future	8.00	Call	2,407.98000		2.40798		2,747.67000	2.74767	2,407.980	9.26	0.93	0.00	0	900.0
R186	On 06/08/2020	Bond Future	9.00	Call	7,492.21000		7.49221		7,841.04000	7.84104	7,492.210	9.77	1.00	0.00	0	900.0
R186	On 05/11/2020	Bond Future			7.74631		117.26479		7.67817	117.61910		9.88	0.00	24,742,870.69	211	77,179.0
R186	On 05/11/2020	Bond Future	6.50	Call	404.72000		0.40472		463.27000	0.46327	404.720	9.61	0.14	0.00	0	80.0
R186	On 05/11/2020	Bond Future	7.00	Call	914.67000		0.91467		1,021.30000	1.02130	914.670	9.65	0.26	0.00	0	1,200.0
R186	On 05/11/2020	Bond Future	7.50	Call	1,811.53000		1.81153		1,978.29000	1.97829	1,811.530	9.80	0.43	0.00	0	80.0
R186	On 05/11/2020	Bond Future	7.84	Call	2,660.86000		2.66086		2,869.12000	2.86912	2,660.860	9.92	0.54	0.00	0	3,500.0
R186	On 05/11/2020	Bond Future	8.00	Call	3,127.12000		3.12712		3,353.81000	3.35381	3,127.120	9.98	0.60	0.00	0	1,200.0
R186	On 05/11/2020	Bond Future	8.34	Call	4,258.20000		4.25820		4,519.70000	4.51970	4,258.200	10.20	0.70	0.00	0	3,500.0
R186	On 05/11/2020	Bond Future	9.26	Put	342.68000		0.34268		311.77000	0.31177	342.680	10.53	0.11	0.00	0	3,500.0
R186	On 04/02/2021	Bond Future			7.93146		113.28087		7.85901	113.64075		9.52	0.00	0.00	0	0.0
R186	On 06/05/2021	Bond Future			8.12698		114.57618		8.04994	114.94108		8.18	0.00	0.00	0	0.0
R186	On 21/12/2026	Price Contribution			100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.0
R186/R207	On 21/12/2026	Price Contribution			100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.0
R186/R208	On 21/12/2026	Price Contribution			100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.0
R197	On 06/08/2020	Bond Future			305.02549		305.02549		305.00265	305.00265			0.00	14,946,249.01	49	1,592.0
R197	On 05/11/2020	Bond Future			308.14926		308.14926		308.13140	308.13140			0.00	15,099,313.74	49	2,399.0
R197	On 04/02/2021	Bond Future			303.79086		303.79086		303.77714	303.77714			0.00	0.00	0	0.0
R197	On 06/05/2021	Bond Future			307.33430		307.33430		307.32262	307.32262			0.00	0.00	0	0.0
R197	On 07/12/2023	Price Contribution			100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.0
R202	On 06/08/2020	Bond Future			205.53960		205.53960		205.73421	205.73421			0.00	0.00	0	3,530.0
R202	On 05/11/2020	Bond Future			207.64454		207.64454		207.84474	207.84474			0.00	0.00	0	7,972.0
R202	On 04/02/2021	Bond Future			205.82648		205.82648		206.03177	206.03177			0.00	0.00	0	0.0
R202	On 06/05/2021	Bond Future			208.22695		208.22695		208.43611	208.43611			0.00	0.00	0	0.0
R202	On 07/12/2023	Price Contribution			100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.0
R2023	On 06/08/2020	Bond Future			4.86042		110.32834		4.90955	110.20689		2.37	0.00	27,582,085.00	250	18,784.0
R2023	On 05/11/2020	Bond Future			4.95429		107.52562		5.00833	107.40490		2.50	0.00	26,881,405.00	250	22,203.0
R2023	On 04/02/2021	Bond Future			5.02525		108.71510		5.08577	108.59459		2.38	0.00	0.00	0	0.0
R2023	On 06/05/2021	Bond Future			5.08289		106.04815		5.15187	105.92710		2.18	0.00	0.00	0	0.0
R2023	On 28/02/2023	Price Contribution			100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.0
R2030	On 06/08/2020	Bond Future			9.24999		92.48277		9.20638	92.74045		14.91	0.00	33,386,279.97	361	81,353.0
R2030	On 06/08/2020	Bond Future	8.36	Call	1.68000		0.00168		4.45000	0.00445	1.680	13.99	0.00	0.00	0	800.0
R2030	On 06/08/2020	Bond Future	8.50	Call	6.95000		0.00695		15.34000	0.01534	6.950	14.07	0.01	0.00	0	423.0
R2030	On 06/08/2020	Bond Future	8.86	Call	121.78000		0.12178		187.00000	0.18700	121.780	14.51	0.12	0.00	0	800.0

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R2030	On 06/08/2020	Bond Future	9.05	Call	350.02000	0.35002		473.05000	0.47305	350.020	14.73	0.28	0.00	0	450.0
R2030	On 06/08/2020	Bond Future	9.20	Put	969.44000	0.96944		882.73000	0.88273	969.440	14.86	0.55	0.00	0	2,500.0
R2030	On 06/08/2020	Bond Future	9.20	Call	673.99000	0.67399		844.96000	0.84496	673.990	14.86	0.45	0.00	0	423.0
R2030	On 06/08/2020	Bond Future	9.42	Put	416.22000	0.41622		383.67000	0.38367	416.220	15.09	0.31	0.00	0	800.0
R2030	On 06/08/2020	Bond Future	9.75	Call	2,969.07000	2.96907		3,225.40000	3.22540	2,969.070	15.56	0.92	0.00	0	450.0
R2030	On 06/08/2020	Bond Future	9.95	Put	24.62000	0.02462		25.89000	0.02589	24.620	15.90	0.03	0.00	0	5,850.0
R2030	On 06/08/2020	Bond Future	10.00	Call	4,305.80000	4.30580		4,564.79000	4.56479	4,305.800	15.99	0.98	0.00	0	470.0
R2030	On 06/08/2020	Bond Future	10.21	Call	5,445.65000	5.44565		5,704.11000	5.70411	5,445.650	16.36	0.99	0.00	0	622.0
R2030	On 06/08/2020	Bond Future	10.70	Call	8,056.02000	8.05602		8,313.73000	8.31373	8,056.020	16.43	1.00	0.00	0	470.0
R2030	On 06/08/2020	Bond Future	10.87	Put	0.01000	0.00001		0.01000	0.00001	0.010	16.43	0.00	0.00	0	622.0
R2030	On 06/08/2020	Bond Future	11.47	Put	0.00000	0.00000		0.00000	0.00000	0.000	16.43	0.00	0.00	0	622.0
R2030	On 05/11/2020	Bond Future			9.44848	93.40712		9.40275	93.66896		16.56	0.00	33,719,970.32	361	82,469.0
R2030	On 05/11/2020	Bond Future	8.10	Call	659.88000	0.65988		714.69000	0.71469	659.880	15.91	0.17	0.00	0	3,000.0
R2030	On 05/11/2020	Bond Future	8.34	Call	915.98000	0.91598		985.57000	0.98557	915.980	15.91	0.22	0.00	0	1,000.0
R2030	On 05/11/2020	Bond Future	8.36	Call	940.30000	0.94030		1,011.20000	1.01120	940.300	15.91	0.22	0.00	0	14,160.0
R2030	On 05/11/2020	Bond Future	8.53	Call	1,169.67000	1.16967		1,252.26000	1.25226	1,169.670	15.93	0.26	0.00	0	15,414.0
R2030	On 05/11/2020	Bond Future	8.73	Call	1,504.19000	1.50419		1,601.80000	1.60180	1,504.190	16.04	0.31	0.00	0	3,000.0
R2030	On 05/11/2020	Bond Future	8.85	Call	1,735.52000	1.73552		1,842.46000	1.84246	1,735.520	16.12	0.35	0.00	0	3,000.0
R2030	On 05/11/2020	Bond Future	8.86	Call	1,755.77000	1.75577		1,863.51000	1.86351	1,755.770	16.13	0.35	0.00	0	14,160.0
R2030	On 05/11/2020	Bond Future	9.03	Call	2,123.43000	2.12343		2,244.53000	2.24453	2,123.430	16.25	0.40	0.00	0	15,414.0
R2030	On 05/11/2020	Bond Future	9.04	Call	2,146.38000	2.14638		2,268.27000	2.26827	2,146.380	16.26	0.40	0.00	0	1,000.0
R2030	On 05/11/2020	Bond Future	9.23	Call	2,609.92000	2.60992		2,746.64000	2.74664	2,609.920	16.39	0.45	0.00	0	3,000.0
R2030	On 05/11/2020	Bond Future	9.61	Put	2,774.55000	2.77455		2,677.66000	2.67766	2,774.550	16.64	0.44	0.00	0	3,000.0
R2030	On 05/11/2020	Bond Future	9.65	Put	2,675.05000	2.67505		2,580.97000	2.58097	2,675.050	16.67	0.43	0.00	0	2,500.0
R2030	On 05/11/2020	Bond Future	9.86	Put	2,204.60000	2.20460		2,124.54000	2.12454	2,204.600	16.86	0.37	0.00	0	14,160.0
R2030	On 05/11/2020	Bond Future	9.99	Put	1,952.89000	1.95289		1,880.84000	1.88084	1,952.890	17.00	0.34	0.00	0	5,000.0
R2030	On 05/11/2020	Bond Future	10.06	Put	1,830.21000	1.83021		1,762.22000	1.76222	1,830.210	17.09	0.32	0.00	0	1,000.0
R2030	On 05/11/2020	Bond Future	10.37	Put	1,369.62000	1.36962		1,317.60000	1.31760	1,369.620	17.52	0.26	0.00	0	15,414.0
R2030	On 05/11/2020	Bond Future	10.47	Put	1,246.66000	1.24666		1,199.10000	1.19910	1,246.660	17.67	0.24	0.00	0	3,000.0
R2030	On 04/02/2021	Bond Future			9.64977	90.43579		9.60178	90.70181		16.20	0.00	0.00	0	0.0
R2030	On 04/02/2021	Bond Future	8.36	Call	1,490.20000	1.49020		1,568.49000	1.56849	1,490.200	15.61	0.26	0.00	0	800.0
R2030	On 04/02/2021	Bond Future	8.37	Call	1,503.87000	1.50387		1,582.68000	1.58268	1,503.870	15.61	0.26	0.00	0	1,000.0
R2030	On 04/02/2021	Bond Future	8.86	Call	2,303.29000	2.30329		2,408.92000	2.40892	2,303.290	15.67	0.35	0.00	0	800.0
R2030	On 04/02/2021	Bond Future	9.12	Call	2,853.87000	2.85387		2,974.81000	2.97481	2,853.870	15.81	0.41	0.00	0	1,000.0
R2030	On 04/02/2021	Bond Future	10.20	Put	2,911.09000	2.91109		2,825.35000	2.82535	2,911.090	16.55	0.37	0.00	0	1,800.0
R2030	On 06/05/2021	Bond Future			9.85975	91.47020		9.80947	91.73997		13.90	0.00	0.00	0	0.0
R2030	On 06/05/2021	Bond Future	7.97	Call	990.94000	0.99094		1,045.78000	1.04578	990.940	13.24	0.18	0.00	0	700.0
R2030	On 06/05/2021	Bond Future	9.22	Put	6,343.03000	6.34303		6,188.98000	6.18898	6,343.030	13.38	0.60	0.00	0	700.0
R2030	On 06/05/2021	Bond Future	9.92	Put	4,264.61000	4.26461		4,148.52000	4.14852	4,264.610	13.85	0.46	0.00	0	700.0
R2030	On 31/01/2030	Price Contribution			100.00000	100.00000		100.00000	100.00000			0.00	0.00	0	0.0
R2032	On 06/08/2020	Bond Future			10.17210	90.06200		10.11412	90.41789		17.51	0.00	22,245,314.00	247	64,550.0
R2032	On 06/08/2020	Bond Future	8.79	Call	0.02000	0.00002		0.10000	0.00010	0.020	16.26	0.00	0.00	0	800.0

Contract Details			Strike	Call / Put	MTM Yield	Mark Price	Spot Rate	Previous MTM	Previous Price	Premium On Option	Volatility	Delta	Delta Value	Contracts Traded	Open Interest
R2032	On 06/08/2020	Bond Future	9.29	Call	4.25000	0.00425		11.01000	0.01101	4.250	16.29	0.01	0.00	0	800.0
R2032	On 06/08/2020	Bond Future	9.91	Put	1,949.32000	1.94932		1,737.47000	1.73747	1,949.320	17.08	0.76	0.00	0	800.0
R2032	On 05/11/2020	Bond Future			10.38920	86.81842		10.32856	87.17945		20.23	0.00	21,444,149.74	247	95,693.0
R2032	On 05/11/2020	Bond Future	8.94	Call	759.21000	0.75921		834.20000	0.83420	759.210	19.32	0.17	0.00	0	1,000.0
R2032	On 05/11/2020	Bond Future	9.11	Call	943.41000	0.94341		1,031.43000	1.03143	943.410	19.32	0.20	0.00	0	3,000.0
R2032	On 05/11/2020	Bond Future	9.44	Call	1,394.13000	1.39413		1,510.36000	1.51036	1,394.130	19.32	0.27	0.00	0	1,000.0
R2032	On 05/11/2020	Bond Future	9.61	Call	1,694.23000	1.69423		1,826.68000	1.82668	1,694.230	19.42	0.32	0.00	0	3,000.0
R2032	On 05/11/2020	Bond Future	10.99	Put	2,196.38000	2.19638		2,095.53000	2.09553	2,196.380	20.79	0.33	0.00	0	3,000.0
R2032	On 05/11/2020	Bond Future	11.08	Put	2,037.14000	2.03714		1,942.79000	1.94279	2,037.140	20.93	0.31	0.00	0	1,000.0
R2032	On 04/02/2021	Bond Future			10.60668	87.77956		10.54327	88.14582		18.98	0.00	0.00	0	0.0
R2032	On 04/02/2021	Bond Future	8.79	Call	1,166.95000	1.16695		1,248.24000	1.24824	1,166.950	18.23	0.19	0.00	0	800.0
R2032	On 04/02/2021	Bond Future	9.29	Call	1,814.72000	1.81472		1,927.08000	1.92708	1,814.720	18.23	0.27	0.00	0	800.0
R2032	On 04/02/2021	Bond Future	10.82	Put	4,188.91000	4.18891		4,045.16000	4.04516	4,188.910	19.04	0.43	0.00	0	800.0
R2032	On 06/05/2021	Bond Future			10.83021	84.63708		10.76396	85.00821		17.06	0.00	0.00	0	0.0
R2032	On 06/05/2021	Bond Future	10.33	Call	3,675.04000	3.67504		3,848.40000	3.84840	3,675.040	16.53	0.44	0.00	0	736.0
R2032	On 06/05/2021	Bond Future	12.57	Put	1,804.24000	1.80424		1,732.31000	1.73231	1,804.240	18.16	0.22	0.00	0	736.0
R2032	On 31/03/2032	Price Contribution			100.00000	100.00000		100.00000	100.00000			0.00	0.00	0	0.0
R2035	On 06/08/2020	Bond Future			10.87777	89.50116		10.78985	90.07012		19.86	0.00	1,049,311,599.84	11,724	24,588.0
R2035	On 06/08/2020	Bond Future	8.75	Call	0.00000	0.00000		0.00000	0.00000	0.000	18.32	0.00	0.00	0	3,000.0
R2035	On 06/08/2020	Bond Future	9.00	Call	0.00000	0.00000		0.00000	0.00000	0.000	18.32	0.00	0.00	0	24,761.0
R2035	On 06/08/2020	Bond Future	9.09	Call	0.00000	0.00000		0.00000	0.00000	0.000	18.32	0.00	0.00	0	500.0
R2035	On 06/08/2020	Bond Future	9.67	Call	0.35000	0.00035		1.60000	0.00160	0.350	18.32	0.00	0.00	0	500.0
R2035	On 06/08/2020	Bond Future	10.45	Put	2,994.97000	2.99497		2,562.62000	2.56262	2,994.970	18.97	0.86	0.00	0	500.0
R2035	On 05/11/2020	Bond Future			11.10297	85.92340		11.01119	86.49963		22.81	0.00	1,007,365,941.60	11,724	90,495.0
R2035	On 04/02/2021	Bond Future			11.33380	86.87404		11.23788	87.45788		21.39	0.00	0.00	0	0.0
R2035	On 04/02/2021	Bond Future	10.14	Put	10,059.84000	10.05984		9,672.44000	9.67244	10,059.840	20.46	0.69	0.00	0	650.0
R2035	On 04/02/2021	Bond Future	11.14	Put	5,911.93000	5.91193		5,636.00000	5.63600	5,911.930	21.06	0.51	0.00	0	650.0
R2035	On 06/05/2021	Bond Future			11.56218	83.39039		11.46212	83.98160		19.32	0.00	0.00	0	0.0
R2035	On 06/05/2021	Bond Future	10.24	Call	2,423.03000	2.42303		2,616.83000	2.61683	2,423.030	18.44	0.31	0.00	0	793.0
R2035	On 06/05/2021	Bond Future	10.81	Call	3,538.89000	3.53889		3,790.58000	3.79058	3,538.890	18.49	0.40	0.00	0	1,650.0
R2035	On 06/05/2021	Bond Future	11.32	Put	6,321.00000	6.32100		6,035.59000	6.03559	6,321.000	18.94	0.51	0.00	0	793.0
R2035	On 06/05/2021	Bond Future	11.55	Put	5,619.85000	5.61985		5,357.70000	5.35770	5,619.850	19.14	0.47	0.00	0	1,650.0
R2035	On 06/05/2021	Bond Future	12.02	Put	4,394.31000	4.39431		4,176.55000	4.17655	4,394.310	19.55	0.39	0.00	0	793.0
R2035	On 06/05/2021	Bond Future	12.77	Put	3,017.10000	3.01710		2,858.39000	2.85839	3,017.100	20.54	0.29	0.00	0	1,650.0
R2035	On 28/02/2035	Price Contribution			100.00000	100.00000		100.00000	100.00000			0.00	0.00	0	0.0
R2037	On 06/08/2020	Bond Future			11.13682	80.56765		11.04359	81.16053		22.19	0.00	533,277,275.35	6,619	49,820.0
R2037	On 05/11/2020	Bond Future			11.35528	81.37287		11.25807	81.97314		24.33	0.00	538,607,026.53	6,619	102,010.0
R2037	On 04/02/2021	Bond Future			11.57895	78.01822		11.47746	78.62626		24.07	0.00	0.00	0	0.0
R2037	On 04/02/2021	Bond Future	9.65	Call	1,354.95000	1.35495		1,491.50000	1.49150	1,354.950	23.08	0.20	0.00	0	72.0
R2037	On 04/02/2021	Bond Future	10.35	Put	10,258.32000	10.25832		9,856.53000	9.85653	10,258.320	23.08	0.69	0.00	0	72.0
R2037	On 04/02/2021	Bond Future	10.48	Call	2,614.29000	2.61429		2,834.62000	2.83462	2,614.290	23.08	0.33	0.00	0	240.0

Contract Details			Strike	Call / Put	MTM	Yield	Mark Price	Spot Rate	Previous MTM	Previous Price	Premium On Option	Volatility	Delta	Delta Value	Contracts Traded	Open Interest
R2037	On 04/02/2021	Bond Future	10.85	Put	7,917.82000		7.91782	7,571.76000	7.57176	7,917.820		23.18	0.60	0.00	0	72.0
R2037	On 04/02/2021	Bond Future	11.90	Put	4,480.30000		4.48030	4,249.93000	4.24993	4,480.300		24.22	0.41	0.00	0	240.0
R2037	On 04/02/2021	Bond Future	11.97	Call	6,582.55000		6.58255	6,967.13000	6.96713	6,582.550		24.29	0.60	0.00	0	300.0
R2037	On 04/02/2021	Bond Future	13.73	Put	1,461.88000		1.46188	1,369.31000	1.36931	1,461.880		25.61	0.17	0.00	0	300.0
R2037	On 06/05/2021	Bond Future			11.80882		78.91098	11.70296	79.52655			20.60	0.00	0.00	0	0.0
R2037	On 31/01/2037	Price Contribution			100.00000		100.00000	100.00000	100.00000				0.00	0.00	0	0.0
R2040	On 06/10/2015	Price Contribution			100.00000		100.00000	100.00000	100.00000				0.00	0.00	0	0.0
R2040	On 06/08/2020	Bond Future			11.36690		81.88330	11.25357	82.63718			23.21	0.00	621,985,546.80	7,596	22,382.0
R2040	On 06/08/2020	Bond Future	9.57	Call	0.00000		0.00000	0.01000	0.00001	0.000		21.35	0.00	0.00	0	800.0
R2040	On 06/08/2020	Bond Future	10.07	Call	0.22000		0.00022	1.32000	0.00132	0.220		21.35	0.00	0.00	0	800.0
R2040	On 06/08/2020	Bond Future	10.79	Put	4,044.12000		4.04412	3,397.18000	3.39718	4,044.120		21.78	0.93	0.00	0	800.0
R2040	On 06/08/2020	Bond Future	10.85	Put	3,655.34000		3.65534	3,037.74000	3.03774	3,655.340		21.92	0.90	0.00	0	12,496.0
R2040	On 06/08/2020	Bond Future	11.26	Put	1,500.06000		1.50006	1,159.82000	1.15982	1,500.060		22.83	0.59	0.00	0	517.0
R2040	On 05/11/2020	Bond Future			11.58641		82.70170	11.46818	83.46457			25.16	0.00	628,202,113.20	7,596	46,873.0
R2040	On 05/11/2020	Bond Future	9.50	Call	430.26000		0.43026	516.79000	0.51679	430.260		23.80	0.09	0.00	0	2,000.0
R2040	On 05/11/2020	Bond Future	9.73	Call	597.42000		0.59742	709.54000	0.70954	597.420		23.80	0.12	0.00	0	2,000.0
R2040	On 05/11/2020	Bond Future	10.00	Call	853.53000		0.85353	1,001.12000	1.00112	853.530		23.80	0.17	0.00	0	2,380.0
R2040	On 05/11/2020	Bond Future	10.23	Call	1,130.32000		1.13032	1,312.49000	1.31249	1,130.320		23.80	0.21	0.00	0	2,000.0
R2040	On 05/11/2020	Bond Future	11.00	Call	2,578.36000		2.57836	2,900.12000	2.90012	2,578.360		24.17	0.38	0.00	0	2,380.0
R2040	On 05/11/2020	Bond Future	11.50	Put	4,568.70000		4.56870	4,223.67000	4.22367	4,568.700		24.87	0.49	0.00	0	2,000.0
R2040	On 05/11/2020	Bond Future	11.70	Put	3,940.01000		3.94001	3,630.81000	3.63081	3,940.010		25.10	0.45	0.00	0	2,000.0
R2040	On 04/02/2021	Bond Future			11.81158		79.11144	11.68805	79.88390			24.93	0.00	0.00	0	0.0
R2040	On 04/02/2021	Bond Future	9.49	Call	978.81000		0.97881	1,108.67000	1.10867	978.810		23.81	0.15	0.00	0	500.0
R2040	On 04/02/2021	Bond Future	9.57	Call	1,057.56000		1.05756	1,195.50000	1.19550	1,057.560		23.81	0.16	0.00	0	800.0
R2040	On 04/02/2021	Bond Future	10.07	Call	1,658.96000		1.65896	1,853.40000	1.85340	1,658.960		23.81	0.23	0.00	0	800.0
R2040	On 04/02/2021	Bond Future	10.24	Call	1,909.38000		1.90938	2,125.13000	2.12513	1,909.380		23.81	0.25	0.00	0	500.0
R2040	On 04/02/2021	Bond Future	11.57	Put	6,409.56000		6.40956	6,040.52000	6.04052	6,409.560		24.46	0.51	0.00	0	500.0
R2040	On 04/02/2021	Bond Future	11.74	Put	5,846.85000		5.84685	5,501.48000	5.50148	5,846.850		24.65	0.48	0.00	0	800.0
R2040	On 06/05/2021	Bond Future			12.04267		80.01678	11.91370	80.79867			21.31	0.00	0.00	0	0.0
R2040	On 31/01/2040	Price Contribution			100.00000		100.00000	100.00000	100.00000				0.00	0.00	0	0.0
R2044	On 06/08/2020	Bond Future			11.51658		77.99085	11.39811	78.76829			24.27	0.00	1,880,827,338.60	24,116	49,042.0
R2044	On 06/08/2020	Bond Future	9.36	Call	0.00000		0.00000	0.00000	0.00000	0.000		22.39	0.00	0.00	0	474.0
R2044	On 06/08/2020	Bond Future	9.98	Call	0.02000		0.00002	0.15000	0.00015	0.020		22.39	0.00	0.00	0	474.0
R2044	On 06/08/2020	Bond Future	11.09	Put	3,062.26000		3.06226	2,478.35000	2.47835	3,062.260		22.93	0.85	0.00	0	474.0
R2044	On 05/11/2020	Bond Future			11.73304		78.77035	11.60935	79.55694			26.40	0.00	1,693,641,295.35	21,501	24,880.0
R2044	On 05/11/2020	Bond Future	8.87	Call	121.44000		0.12144	152.90000	0.15290	121.440		25.06	0.03	0.00	0	1,815.0
R2044	On 05/11/2020	Bond Future	9.29	Call	253.96000		0.25396	312.11000	0.31211	253.960		25.06	0.06	0.00	0	300.0
R2044	On 05/11/2020	Bond Future	9.34	Call	275.59000		0.27559	337.76000	0.33776	275.590		25.06	0.06	0.00	0	525.0
R2044	On 05/11/2020	Bond Future	9.72	Call	492.98000		0.49298	592.26000	0.59226	492.980		25.06	0.11	0.00	0	1,815.0
R2044	On 05/11/2020	Bond Future	9.97	Call	696.99000		0.69699	827.16000	0.82716	696.990		25.06	0.14	0.00	0	300.0
R2044	On 05/11/2020	Bond Future	10.02	Call	744.53000		0.74453	881.49000	0.88149	744.530		25.06	0.15	0.00	0	1,815.0

Contract Details			Strike	Call / Put	MTM Yield	Mark Price	Spot Rate	Previous MTM	Previous Price	Premium On Option	Volatility	Delta	Delta Value	Contracts Traded	Open Interest
R2044	On 05/11/2020	Bond Future	10.04	Call	764.22000	0.76422		903.95000	0.90395	764.220	25.06	0.15	0.00	0	525.0
R2044	On 05/11/2020	Bond Future	11.06	Put	6,822.57000	6.82257		6,351.73000	6.35173	6,822.570	25.14	0.64	0.00	0	525.0
R2044	On 05/11/2020	Bond Future	11.17	Put	6,336.03000	6.33603		5,887.43000	5.88743	6,336.030	25.30	0.61	0.00	0	1,815.0
R2044	On 05/11/2020	Bond Future	11.38	Put	5,485.16000	5.48516		5,078.59000	5.07859	5,485.160	25.60	0.56	0.00	0	300.0
R2044	On 05/11/2020	Bond Future	11.43	Put	5,297.09000	5.29709		4,900.38000	4.90038	5,297.090	25.67	0.55	0.00	0	1,815.0
R2044	On 04/02/2021	Bond Future			11.95530	75.26171		11.82594	76.05816		26.15	0.00	0.00	0	0.0
R2044	On 04/02/2021	Bond Future	9.66	Call	1,019.11000	1.01911		1,157.60000	1.15760	1,019.110	25.03	0.16	0.00	0	265.0
R2044	On 04/02/2021	Bond Future	10.29	Put	13,270.74000	13.27074		12,687.23000	12.68723	13,270.740	25.03	0.76	0.00	0	265.0
R2044	On 04/02/2021	Bond Future	10.84	Put	10,109.64000	10.10964		9,601.63000	9.60163	10,109.640	25.03	0.67	0.00	0	265.0
R2044	On 06/05/2021	Bond Future			12.18321	76.12305		12.04802	76.92919		22.32	0.00	0.00	0	0.0
R2044	On 31/01/2044	Price Contribution			100.00000	100.00000		100.00000	100.00000			0.00	0.00	0	0.0
R2048	On 06/08/2020	Bond Future			11.46172	81.35295		11.34325	82.14665		23.56	0.00	692,964,428.10	8,518	27,395.0
R2048	On 06/08/2020	Bond Future	9.00	Call	0.00000	0.00000		0.00000	0.00000	0.000	21.68	0.00	0.00	0	3,000.0
R2048	On 06/08/2020	Bond Future	9.25	Call	0.00000	0.00000		0.00000	0.00000	0.000	21.68	0.00	0.00	0	20,640.0
R2048	On 06/08/2020	Bond Future	10.35	Call	1.27000	0.00127		6.02000	0.00602	1.270	21.68	0.00	0.00	0	640.0
R2048	On 06/08/2020	Bond Future	10.85	Call	65.59000	0.06559		158.98000	0.15898	65.590	21.82	0.06	0.00	0	640.0
R2048	On 06/08/2020	Bond Future	11.10	Call	269.28000	0.26928		506.69000	0.50669	269.280	22.25	0.19	0.00	0	470.0
R2048	On 06/08/2020	Bond Future	11.80	Call	2,538.81000	2.53881		3,233.53000	3.23353	2,538.810	23.65	0.79	0.00	0	470.0
R2048	On 06/08/2020	Bond Future	12.25	Call	4,981.55000	4.98155		5,761.40000	5.76140	4,981.550	24.61	0.96	0.00	0	814.0
R2048	On 06/08/2020	Bond Future	12.75	Call	7,775.23000	7.77523		8,568.09000	8.56809	7,775.230	26.00	1.00	0.00	0	814.0
R2048	On 05/11/2020	Bond Future			11.67611	77.75670		11.55224	78.55984		26.97	0.00	967,837,644.90	12,447	90,626.0
R2048	On 05/11/2020	Bond Future	10.00	Call	755.99000	0.75599		896.88000	0.89688	755.990	25.54	0.15	0.00	0	950.0
R2048	On 05/11/2020	Bond Future	11.00	Call	2,341.95000	2.34195		2,661.47000	2.66147	2,341.950	25.54	0.36	0.00	0	950.0
R2048	On 04/02/2021	Bond Future			11.89625	78.61705		11.76655	79.43024		25.19	0.00	0.00	0	0.0
R2048	On 06/05/2021	Bond Future			12.11344	75.10219		11.97789	75.92519		22.78	0.00	0.00	0	0.0
R2048	On 28/02/2048	Price Contribution			100.00000	100.00000		100.00000	100.00000			0.00	0.00	0	0.0
R208	On 06/08/2020	Bond Future			3.50264	104.48388		3.49854	104.48648		0.30	0.00	0.00	0	15,169.0
R208	On 05/11/2020	Bond Future			3.13543	102.13789		3.12402	102.14233		0.21	0.00	0.00	0	7,489.0
R208	On 31/03/2021	Price Contribution			100.00000	100.00000		100.00000	100.00000			0.00	0.00	0	0.0
R208/R204	On 31/03/2021	Price Contribution			100.00000	100.00000		100.00000	100.00000			0.00	0.00	0	0.0
R208/R207	On 31/03/2021	Price Contribution			100.00000	100.00000		100.00000	100.00000			0.00	0.00	0	0.0
R209	On 06/08/2020	Bond Future			10.73010	68.66682		10.64636	69.13646		22.45	0.00	1,373,336.40	20	49,267.0
R209	On 05/11/2020	Bond Future			10.92711	66.21399		10.84003	66.68954		26.38	0.00	0.00	0	11,753.0
R209	On 04/02/2021	Bond Future			11.12354	66.94699		11.03299	67.42877		24.58	0.00	0.00	0	0.0
R209	On 06/05/2021	Bond Future			11.32377	64.57144		11.22966	65.05924		22.32	0.00	0.00	0	460.0
R209	On 06/05/2021	Bond Future	10.25	Call	2,604.30000	2.60430		2,788.56000	2.78856	2,604.300	21.25	0.35	0.00	0	1,000.0
R209	On 06/05/2021	Bond Future	11.25	Put	5,186.34000	5.18634		4,968.00000	4.96800	5,186.340	22.06	0.47	0.00	0	1,000.0
R209	On 06/05/2021	Bond Future	12.25	Put	3,130.35000	3.13035		2,984.02000	2.98402	3,130.350	23.32	0.32	0.00	0	1,000.0

Contract Details	Strike	Call / Put	MTM	Yield	Mark Price	Spot Rate	Previous MTM	Previous Price	Premium On Option	Volatility	Delta	Delta Value	Contracts Traded	Open Interest
R209	On 31/03/2036	Price Contribution	6.25000		6.25000		6.25000	6.25000			0.00	0.00	0	0.0
R209/R186	On 31/03/2036	Price Contribution	100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.0
R209/R204	On 31/03/2036	Price Contribution	100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.0
R209/R208	On 31/03/2036	Price Contribution	100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.0
R210	On 06/08/2020	Bond Future	182.17270		182.17270		181.79754	181.79754			0.00	0.00	0	1,331.0
R210	On 05/11/2020	Bond Future	181.36380		181.36380		180.98799	180.98799			0.00	0.00	0	1,243.0
R210	On 04/02/2021	Bond Future	183.41414		183.41414		183.03666	183.03666			0.00	0.00	0	0.0
R210	On 06/05/2021	Bond Future	182.84353		182.84353		182.46291	182.46291			0.00	0.00	0	0.0
R210	On 31/03/2028	Price Contribution	100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.0
R212	On 06/08/2020	Bond Future	165.58283		165.58283		165.48345	165.48345			0.00	851,261,329.03	5,141	6,046.0
R212	On 05/11/2020	Bond Future	167.27851		167.27851		167.18102	167.18102			0.00	859,978,819.91	5,141	6,667.0
R212	On 04/02/2021	Bond Future	166.87489		166.87489		166.77857	166.77857			0.00	0.00	0	0.0
R212	On 06/05/2021	Bond Future	168.82101		168.82101		168.72479	168.72479			0.00	0.00	0	0.0
R212	On 31/01/2022	Price Contribution	100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.0
R213	On 06/08/2020	Bond Future	9.71044		85.48370		9.66197	85.76193		16.53	0.00	46,503,132.80	544	5,216.0
R213	On 05/11/2020	Bond Future	9.91305		82.81062		9.86236	83.09316		19.30	0.00	45,048,977.28	544	15,478.0
R213	On 04/02/2021	Bond Future	10.11922		83.72675		10.06618	84.01362		18.04	0.00	0.00	0	0.0
R213	On 06/05/2021	Bond Future	10.32387		81.15272		10.26852	81.44347		16.23	0.00	0.00	0	0.0
R213	On 28/02/2031	Price Contribution	100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.0
R213/R186	On 28/02/2031	Price Contribution	100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.0
R214	On 06/08/2020	Bond Future	11.01967		66.41769		10.91065	67.03787		23.99	0.00	144,392,058.06	2,174	14,316.0
R214	On 05/11/2020	Bond Future	11.21362		63.80604		11.10021	64.43357		28.24	0.00	138,714,330.96	2,174	11,168.0
R214	On 04/02/2021	Bond Future	11.41109		64.51198		11.29297	65.14743		26.26	0.00	0.00	0	0.0
R214	On 06/05/2021	Bond Future	11.60509		61.97067		11.48228	62.61389		23.91	0.00	0.00	0	0.0
R214	On 28/02/2041	Price Contribution	100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.0
R214/R209	On 28/02/2041	Price Contribution	100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.0
Total for Derivatives :												17,620,921,944.92	151,758	1 579 945.0
Grand Total:												17,620,921,944.92	151,758	1 579 945.0