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## INTEREST RATE AND CURRENCY DERIVATIVES

### DAILY MTM REPORT

DAILY SUMMARY FOR: 08/09/2022

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
<b>Derivatives</b>														
AL37	On 03/11/2022	Index Future	831.94100		831.94100		830.35900	830.35900			0.00	0.00	0	0.0
AL37	On 02/02/2023	Index Future	846.84300		846.84300		845.24300	845.24300			0.00	0.00	0	0.0
AL37	On 04/05/2023	Index Future	862.90800		862.90800		861.28200	861.28200			0.00	0.00	0	0.0
AL37	On 03/08/2023	Index Future	879.95000		879.95000		878.29600	878.29600			0.00	0.00	0	0.0
AL37	On 02/11/2023	Index Future	896.54800		896.54800		894.86200	894.86200			0.00	0.00	0	0.0
AL7T	On 03/11/2022	Index Future	955.51100		955.51100		953.12200	953.12200			0.00	0.00	0	0.0
AL7T	On 02/02/2023	Index Future	972.62600		972.62600		970.20600	970.20600			0.00	0.00	0	0.0
AL7T	On 04/05/2023	Index Future	991.07700		991.07700		988.61700	988.61700			0.00	0.00	0	0.0
AL7T	On 03/08/2023	Index Future	1,010.65100		1,010.65100		1,008.14600	1,008.14600			0.00	0.00	0	0.0
AL7T	On 02/11/2023	Index Future	1,029.71400		1,029.71400		1,027.16100	1,027.16100			0.00	0.00	0	0.0
ALBI	On 03/11/2022	Index Future	840.90200		840.90200		840.19100	840.19100			0.00	0.00	0	135.0
ALBI	On 02/02/2023	Index Future	855.96500		855.96500		855.25100	855.25100			0.00	0.00	0	0.0
ALBI	On 04/05/2023	Index Future	872.20300		872.20300		871.48000	871.48000			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 03/08/2023	Index Future		889.42900	889.42900		888.69500	888.69500			0.00	0.00	0	0.0
ALBI	On 02/11/2023	Index Future		906.20500	906.20500		905.45700	905.45700			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 03/11/2022	Bond Future		12.21286	73.16807		12.20994	73.18188			0.00	0.00	0	0.0
ES33	On 02/02/2023	Bond Future		12.40287	74.49654		12.39964	74.51145			0.00	0.00	0	350.0
ES33	On 04/05/2023	Bond Future		12.58051	72.13571		12.57705	72.15132			0.00	0.00	0	0.0
ES33	On 03/08/2023	Bond Future		12.75282	73.57929		12.74915	73.59548			0.00	0.00	0	0.0
ES33	On 02/11/2023	Bond Future		12.95318	71.19027		12.94936	71.20672			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 03/11/2022	Bond Future		12.51119	71.27894		12.49791	71.35168			0.00	0.00	0	0.0
ES42	On 02/02/2023	Bond Future		12.67740	72.57524		12.66341	72.65021			0.00	0.00	0	4,769.0
ES42	On 04/05/2023	Bond Future		12.83990	69.70812		12.82525	69.78493			0.00	0.00	0	0.0
ES42	On 03/08/2023	Bond Future		12.99298	71.10492		12.97768	71.18358			0.00	0.00	0	0.0
ES42	On 02/11/2023	Bond Future		13.16990	68.19885		13.15396	68.27894			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 03/11/2022	GOVI		829.15200	829.15200		828.39300	828.39300			0.00	0.00	0	869.0
GOVI	On 02/02/2023	GOVI		844.00400	844.00400		843.24100	843.24100			0.00	0.00	0	0.0
GOVI	On 04/05/2023	GOVI		860.01500	860.01500		859.24300	859.24300			0.00	0.00	0	0.0
GOVI	On 03/08/2023	GOVI		877.00000	877.00000		876.21600	876.21600			0.00	0.00	0	0.0
GOVI	On 02/11/2023	GOVI		893.54200	893.54200		892.74200	892.74200			0.00	0.00	0	0.0
I2025	On 03/11/2022	Bond Future		167.67819	167.67819		167.65844	167.65844			0.00	32,529,568.86	194	7,172.0
I2025	On 02/02/2023	Bond Future		169.00617	169.00617		168.98814	168.98814			0.00	0.00	0	1,936.0
I2025	On 04/05/2023	Bond Future		172.25338	172.25338		172.23597	172.23597			0.00	0.00	0	0.0
I2025	On 03/08/2023	Bond Future		173.91321	173.91321		173.89628	173.89628			0.00	0.00	0	0.0
I2025	On 02/11/2023	Bond Future		177.23064	177.23064		177.21325	177.21325			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 03/11/2022	Bond Future		122.38597	122.38597		122.35270	122.35270			0.00	0.00	0	1,519.0
I2029	On 02/02/2023	Bond Future		124.60833	124.60833		124.57591	124.57591			0.00	0.00	0	728.0
I2029	On 04/05/2023	Bond Future		125.69061	125.69061		125.65839	125.65839			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
I2029	On 03/08/2023	Bond Future	128.20244		128.20244		128.17008	128.17008			0.00	0.00	0	0.0
I2029	On 02/11/2023	Bond Future	129.28648		129.28648		129.25352	129.25352			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
I2033	On 03/11/2022	Bond Future	114.50103		114.50103		114.62558	114.62558			0.00	0.00	0	1,287.0
I2033	On 02/02/2023	Bond Future	116.57994		116.57994		116.70817	116.70817			0.00	0.00	0	6,141.0
I2033	On 04/05/2023	Bond Future	117.42171		117.42171		117.55313	117.55313			0.00	0.00	0	0.0
I2033	On 03/08/2023	Bond Future	119.76820		119.76820		119.90264	119.90264			0.00	0.00	0	0.0
I2033	On 02/11/2023	Bond Future	120.60165		120.60165		120.73864	120.73864			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 03/11/2022	Bond Future	130.40904		130.40904		130.53253	130.53253			0.00	0.00	0	5,473.0
I2038	On 02/02/2023	Bond Future	130.84574		130.84574		130.97311	130.97311			0.00	0.00	0	0.0
I2038	On 04/05/2023	Bond Future	133.36026		133.36026		133.49089	133.49089			0.00	0.00	0	0.0
I2038	On 03/08/2023	Bond Future	134.02062		134.02062		134.15448	134.15448			0.00	0.00	0	0.0
I2038	On 02/11/2023	Bond Future	136.57676		136.57676		136.71302	136.71302			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 03/11/2022	Bond Future	116.49025		116.49025		116.64802	116.64802			0.00	0.00	0	16,413.0
I2046	On 02/02/2023	Bond Future	118.60568		118.60568		118.76778	118.76778			0.00	0.00	0	0.0
I2046	On 04/05/2023	Bond Future	118.82375		118.82375		118.98975	118.98975			0.00	0.00	0	0.0
I2046	On 03/08/2023	Bond Future	121.19901		121.19901		121.36876	121.36876			0.00	0.00	0	0.0
I2046	On 02/11/2023	Bond Future	121.37136		121.37136		121.54441	121.54441			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 03/11/2022	Bond Future	119.08175		119.08175		119.19820	119.19820			0.00	0.00	0	11,950.0
I2050	On 02/02/2023	Bond Future	119.09744		119.09744		119.21765	119.21765			0.00	0.00	0	0.0
I2050	On 04/05/2023	Bond Future	121.38599		121.38599		121.50930	121.50930			0.00	0.00	0	0.0
I2050	On 03/08/2023	Bond Future	121.58601		121.58601		121.71231	121.71231			0.00	0.00	0	0.0
I2050	On 02/11/2023	Bond Future	123.90500		123.90500		124.03363	124.03363			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 03/11/2022	Index Future	325.59300		325.59300		325.90000	325.90000			0.00	0.00	0	704.0
IGOV	On 02/02/2023	Index Future	331.50400		331.50400		331.82100	331.82100			0.00	0.00	0	0.0
IGOV	On 04/05/2023	Index Future	337.87100		337.87100		338.19500	338.19500			0.00	0.00	0	0.0
IGOV	On 03/08/2023	Index Future	344.62000		344.62000		344.95200	344.95200			0.00	0.00	0	0.0
IGOV	On 02/11/2023	Index Future	351.19500		351.19500		351.53300	351.53300			0.00	0.00	0	0.0
JIBAR FUTURE	On 21/09/2022	Jibar Tradeable Future	5.77000		94.23000		5.81500	94.18500			0.00	0.00	0	0.0
JIBAR FUTURE	On 19/10/2022	Jibar Tradeable Future	6.45500		93.54500		6.45500	93.54500			0.00	0.00	0	0.0
JIBAR FUTURE	On 16/11/2022	Jibar Tradeable Future	6.54000		93.46000		6.53000	93.47000			0.00	0.00	0	0.0
JIBAR FUTURE	On 21/12/2022	Jibar Tradeable Future	7.08000		92.92000		7.06500	92.93500			0.00	0.00	0	68.0
JIBAR FUTURE	On 18/01/2023	Jibar Tradeable Future	7.17000		92.83000		7.15000	92.85000			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	Options Inter
JIBAR FUTURE	On 15/02/2023	Jibar Tradeable Future			7.59500		92.40500		7.57000	92.43000			0.00	0.00	0	0.0
JIBAR FUTURE	On 15/03/2023	Jibar Tradeable Future			7.66500		92.33500		7.66000	92.34000			0.00	0.00	0	0.0
JIBAR FUTURE	On 21/06/2023	Jibar Tradeable Future			8.08500		91.91500		8.09500	91.90500			0.00	0.00	0	0.0
JIBAR FUTURE	On 20/09/2023	Jibar Tradeable Future			8.18000		91.82000		8.19500	91.80500			0.00	0.00	0	75.0
JIBAR FUTURE	On 20/12/2023	Jibar Tradeable Future			8.19000		91.81000		8.20000	91.80000			0.00	0.00	0	272.0
JIBAR FUTURE	On 20/03/2024	Jibar Tradeable Future			8.19000		91.81000		8.20000	91.80000			0.00	0.00	0	0.0
JIBAR FUTURE	On 19/06/2024	Jibar Tradeable Future			8.18500		91.81500		8.19500	91.80500			0.00	0.00	0	0.0
R186	On 03/11/2022	Bond Future			8.98162		109.12716		9.04127	108.91928		5.01	0.00	9,057,554.28	83	63,832.0
R186	On 03/11/2022	Bond Future	8.23	Call	61.76000		0.06176		49.56000	0.04956	61.760	4.27	0.08	0.00	0	4,310.0
R186	On 03/11/2022	Bond Future	8.91	Put	932.70000		0.93270		1,057.37000	1.05737	932.700	4.69	0.55	0.00	0	4,310.0
R186	On 02/02/2023	Bond Future			9.11774		105.78413		9.18175	105.57384		5.22	0.00	0.00	0	0.0
R186	On 04/05/2023	Bond Future			9.23865		107.79397		9.30786	107.58032		5.00	0.00	0.00	0	0.0
R186	On 03/08/2023	Bond Future			9.34657		104.62286		9.42180	104.40542		4.92	0.00	0.00	0	0.0
R186	On 02/11/2023	Bond Future			9.50642		106.59476		9.58884	106.37316		4.60	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 03/11/2022	Bond Future			339.16205		339.16205		339.03539	339.03539			0.00	0.00	0	831.0
R197	On 02/02/2023	Bond Future			336.39672		336.39672		336.27195	336.27195			0.00	0.00	0	0.0
R197	On 04/05/2023	Bond Future			342.86168		342.86168		342.73649	342.73649			0.00	0.00	0	0.0
R197	On 03/08/2023	Bond Future			340.47322		340.47322		340.34758	340.34758			0.00	0.00	0	0.0
R197	On 02/11/2023	Bond Future			346.96647		346.96647		346.83815	346.83815			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 03/11/2022	Bond Future			250.96263		250.96263		252.25503	252.25503			0.00	0.00	0	6,148.0
R202	On 02/02/2023	Bond Future			250.77958		250.77958		252.09855	252.09855			0.00	0.00	0	460.0
R202	On 04/05/2023	Bond Future			255.59828		255.59828		256.94410	256.94410			0.00	0.00	0	0.0
R202	On 03/08/2023	Bond Future			255.79754		255.79754		257.17162	257.17162			0.00	0.00	0	0.0
R202	On 02/11/2023	Bond Future			260.67665		260.67665		262.07652	262.07652			0.00	0.00	0	0.0
R202	On 07/12/2033	Price Contribution			100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.0
R2023	On 03/11/2022	Bond Future			7.17569		101.63710		7.17969	101.63588		0.41	0.00	0.00	0	23,874.0
R2023	On 28/02/2023	Price Contribution			100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.0
R2030	On 03/11/2022	Bond Future			10.47085		89.83559		10.51922	89.61417		8.74	0.00	0.00	0	66,891.0
R2030	On 03/11/2022	Bond Future	9.70	Call	82.61000		0.08261		69.94000	0.06994	82.610	6.98	0.08	0.00	0	500.0
R2030	On 03/11/2022	Bond Future	10.20	Call	572.04000		0.57204		510.98000	0.51098	572.040	7.68	0.33	0.00	0	500.0
R2030	On 03/11/2022	Bond Future	11.57	Put	136.29000		0.13629		160.63000	0.16063	136.290	10.32	0.08	0.00	0	500.0
R2030	On 02/02/2023	Bond Future			10.62482		87.43943		10.67541	87.21509		9.14	0.00	0.00	0	5,200.0

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R2030	On 02/02/2023	Bond Future	8.81	Call	130.75000	0.13075		119.78000	0.11978	130.750	9.29	0.06	0.00	0	102.0	
R2030	On 02/02/2023	Bond Future	9.08	Call	206.19000	0.20619		189.43000	0.18943	206.190	9.12	0.09	0.00	0	388.0	
R2030	On 02/02/2023	Bond Future	9.66	Put	4,933.50000	4.93350		5,119.89000	5.11989	4,933.500	8.76	0.81	0.00	0	102.0	
R2030	On 02/02/2023	Bond Future	9.83	Call	665.78000	0.66578		618.45000	0.61845	665.780	8.72	0.24	0.00	0	388.0	
R2030	On 02/02/2023	Bond Future	9.94	Put	3,902.75000	3.90275		4,072.76000	4.07276	3,902.750	8.74	0.73	0.00	0	102.0	
R2030	On 02/02/2023	Bond Future	11.16	Put	1,118.14000	1.11814		1,197.30000	1.19730	1,118.140	9.53	0.32	0.00	0	388.0	
R2030	On 02/02/2023	Bond Future	11.35	Call	4,049.50000	4.04950		3,892.55000	3.89255	4,049.500	9.73	0.73	0.00	0	5,000.0	
R2030	On 02/02/2023	Bond Future	11.55	Call	4,707.54000	4.70754		4,539.65000	4.53965	4,707.540	9.94	0.78	0.00	0	5,000.0	
R2030	On 04/05/2023	Bond Future			10.77357	89.10152		10.82664	88.87347		8.84	0.00	0.00	0	0.0	
R2030	On 04/05/2023	Bond Future	9.03	Call	364.41000	0.36441		340.20000	0.34020	364.410	8.76	0.12	0.00	0	388.0	
R2030	On 04/05/2023	Bond Future	9.58	Call	702.26000	0.70226		659.36000	0.65936	702.260	8.53	0.21	0.00	0	150.0	
R2030	On 04/05/2023	Bond Future	9.67	Call	776.96000	0.77696		730.22000	0.73022	776.960	8.50	0.23	0.00	0	479.0	
R2030	On 04/05/2023	Bond Future	9.78	Call	877.03000	0.87703		825.29000	0.82529	877.030	8.45	0.25	0.00	0	388.0	
R2030	On 04/05/2023	Bond Future	10.00	Call	1,108.33000	1.10833		1,045.58000	1.04558	1,108.330	8.36	0.30	0.00	0	1,080.0	
R2030	On 04/05/2023	Bond Future	10.42	Call	1,763.18000	1.76318		1,675.21000	1.67521	1,763.180	8.49	0.41	0.00	0	479.0	
R2030	On 04/05/2023	Bond Future	10.65	Call	2,217.59000	2.21759		2,115.05000	2.11505	2,217.590	8.60	0.48	0.00	0	350.0	
R2030	On 04/05/2023	Bond Future	11.34	Put	1,562.42000	1.56242		1,647.04000	1.64704	1,562.420	9.13	0.34	0.00	0	150.0	
R2030	On 04/05/2023	Bond Future	11.62	Put	1,238.14000	1.23814		1,308.89000	1.30889	1,238.140	9.40	0.28	0.00	0	388.0	
R2030	On 04/05/2023	Bond Future	12.04	Put	872.13000	0.87213		925.51000	0.92551	872.130	9.80	0.21	0.00	0	1,080.0	
R2030	On 04/05/2023	Bond Future	12.50	Put	595.52000	0.59552		634.30000	0.63430	595.520	10.26	0.15	0.00	0	479.0	
R2030	On 04/05/2023	Bond Future	12.57	Put	562.04000	0.56204		598.95000	0.59895	562.040	10.32	0.14	0.00	0	350.0	
R2030	On 03/08/2023	Bond Future			10.92026	86.85688		10.97611	86.62466		8.84	0.00	0.00	0	0.0	
R2030	On 03/08/2023	Bond Future	10.40	Call	1,852.59000	1.85259		1,766.83000	1.76683	1,852.590	8.46	0.39	0.00	0	1,012.0	
R2030	On 03/08/2023	Bond Future	10.65	Call	2,314.03000	2.31403		2,214.59000	2.21459	2,314.030	8.60	0.45	0.00	0	350.0	
R2030	On 03/08/2023	Bond Future	12.59	Put	956.20000	0.95620		1,005.87000	1.00587	956.200	10.27	0.19	0.00	0	1,012.0	
R2030	On 03/08/2023	Bond Future	12.89	Put	786.19000	0.78619		828.18000	0.82818	786.190	10.55	0.16	0.00	0	350.0	
R2030	On 02/11/2023	Bond Future			11.08756	88.49379		11.14643	88.25712		8.38	0.00	0.00	0	0.0	
R2030	On 31/01/2030	Price Contribution			100.00000	100.00000		100.00000	100.00000			0.00	0.00	0	0.0	
R2032	On 03/11/2022	Bond Future			10.92839	85.37838		10.97662	85.12951		10.57	0.00	0.00	0	168,761.0	
R2032	On 03/11/2022	Bond Future	9.31	Call	1.79000	0.00179		1.47000	0.00147	1.790	8.83	0.00	0.00	0	180.0	
R2032	On 03/11/2022	Bond Future	9.36	Call	2.39000	0.00239		1.98000	0.00198	2.390	8.82	0.00	0.00	0	454.0	
R2032	On 03/11/2022	Bond Future	9.46	Call	4.23000	0.00423		3.50000	0.00350	4.230	8.80	0.00	0.00	0	500.0	
R2032	On 03/11/2022	Bond Future	9.92	Call	41.84000	0.04184		35.35000	0.03535	41.840	8.71	0.04	0.00	0	750.0	
R2032	On 03/11/2022	Bond Future	10.11	Put	4,478.83000	4.47883		4,713.21000	4.71321	4,478.830	8.88	0.92	0.00	0	454.0	
R2032	On 03/11/2022	Bond Future	10.16	Put	4,229.76000	4.22976		4,460.96000	4.46096	4,229.760	8.97	0.91	0.00	0	180.0	
R2032	On 03/11/2022	Bond Future	10.21	Call	161.34000	0.16134		140.07000	0.14007	161.340	9.06	0.11	0.00	0	500.0	
R2032	On 03/11/2022	Bond Future	10.49	Put	2,759.21000	2.75921		2,958.84000	2.95884	2,759.210	9.54	0.76	0.00	0	454.0	
R2032	On 03/11/2022	Bond Future	10.56	Put	2,494.27000	2.49427		2,685.00000	2.68500	2,494.270	9.68	0.72	0.00	0	180.0	
R2032	On 03/11/2022	Bond Future	10.67	Call	763.60000	0.76360		690.46000	0.69046	763.600	9.90	0.35	0.00	0	750.0	
R2032	On 03/11/2022	Bond Future	11.45	Put	541.08000	0.54108		613.15000	0.61315	541.080	11.48	0.24	0.00	0	7,500.0	
R2032	On 03/11/2022	Bond Future	11.55	Put	446.31000	0.44631		508.65000	0.50865	446.310	11.68	0.20	0.00	0	500.0	
R2032	On 03/11/2022	Bond Future	12.30	Put	97.19000	0.09719		115.44000	0.11544	97.190	13.06	0.05	0.00	0	750.0	

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	02/02/2023			Bond Future	11.08052	86.90854		11.13067	86.65627		10.86	0.00	0.00	0	18.0
R2032	On	02/02/2023	9.31	Call	Bond Future	132.21000	0.13221		120.60000	0.12060	132.210	10.20	0.06	0.00	0	454.0
R2032	On	02/02/2023	9.47	Call	Bond Future	182.98000	0.18298		167.42000	0.16742	182.980	10.16	0.07	0.00	0	500.0
R2032	On	02/02/2023	9.92	Call	Bond Future	420.95000	0.42095		388.51000	0.38851	420.950	10.07	0.15	0.00	0	750.0
R2032	On	02/02/2023	10.16	Put	Bond Future	5,440.89000	5.44089	5,647.67000	5.64767	5,440.890	5,440.890	10.02	0.79	0.00	0	454.0
R2032	On	02/02/2023	10.22	Call	Bond Future	688.24000	0.68824		639.03000	0.63903	688.240	10.01	0.22	0.00	0	500.0
R2032	On	02/02/2023	10.50	Put	Bond Future	4,079.69000	4.07969	4,262.02000	4.26202	4,079.690	4,079.690	10.17	0.69	0.00	0	454.0
R2032	On	02/02/2023	10.67	Call	Bond Future	1,390.26000	1.39026	1,306.34000	1.30634	1,390.260	1,390.260	10.29	0.37	0.00	0	750.0
R2032	On	02/02/2023	11.84	Put	Bond Future	1,064.29000	1.06429	1,139.79000	1.13979	1,064.290	1,064.290	11.59	0.26	0.00	0	500.0
R2032	On	02/02/2023	12.75	Put	Bond Future	393.08000	0.39308	426.86000	0.42686	393.080	393.080	12.73	0.11	0.00	0	750.0
R2032	On	04/05/2023			Bond Future	11.22323	84.39978		11.27551	84.14330		11.15	0.00	0.00	0	0.0
R2032	On	04/05/2023	10.62	Call	Bond Future	1,628.22000	1.62822	1,544.72000	1.54472	1,628.220	1,628.220	10.47	0.35	0.00	0	400.0
R2032	On	04/05/2023	11.37	Call	Bond Future	3,356.26000	3.35626	3,221.67000	3.22167	3,356.260	3,356.260	11.03	0.56	0.00	0	400.0
R2032	On	04/05/2023	13.43	Put	Bond Future	512.64000	0.51264	545.58000	0.54558	512.640	512.640	13.35	0.11	0.00	0	400.0
R2032	On	03/08/2023			Bond Future	11.35853	86.07018		11.41309	85.80897		10.75	0.00	0.00	0	2,600.0
R2032	On	03/08/2023	11.90	Call	Bond Future	4,986.75000	4.98675	4,828.33000	4.82833	4,986.750	4,986.750	11.12	0.63	0.00	0	5,000.0
R2032	On	02/11/2023			Bond Future	11.52017	83.53505		11.57729	83.26883		10.71	0.00	0.00	0	0.0
R2032	On	31/03/2032			Price Contribution	100.00000	100.00000		100.00000	100.00000			0.00	0.00	0	0.0
R2035	On	03/11/2022			Bond Future	11.25426	86.01498		11.25613	86.00408		11.94	0.00	0.00	0	61,488.0
R2035	On	03/11/2022	9.82	Call	Bond Future	11.13000	0.01113		11.85000	0.01185	11.130	10.69	0.01	0.00	0	582.0
R2035	On	03/11/2022	10.30	Call	Bond Future	94.37000	0.09437		97.62000	0.09762	94.370	10.71	0.06	0.00	0	976.0
R2035	On	03/11/2022	10.57	Put	Bond Future	4,393.86000	4.39386	4,410.67000	4.41067	4,393.860	4,393.860	11.01	0.86	0.00	0	582.0
R2035	On	03/11/2022	10.99	Put	Bond Future	2,467.06000	2.46706	2,486.95000	2.48695	2,467.060	2,467.060	11.54	0.65	0.00	0	582.0
R2035	On	03/11/2022	11.05	Call	Bond Future	1,044.91000	1.04491	1,054.02000	1.05402	1,044.910	1,044.910	11.63	0.39	0.00	0	976.0
R2035	On	03/11/2022	12.68	Put	Bond Future	84.59000	0.08459	88.97000	0.08897	84.590	84.590	14.23	0.04	0.00	0	976.0
R2035	On	02/02/2023			Bond Future	11.40403	87.55572		11.40580	87.54564		12.35	0.00	0.00	0	106,331.0
R2035	On	02/02/2023	9.81	Call	Bond Future	195.43000	0.19543	197.63000	0.19763	195.430	195.430	11.22	0.07	0.00	0	582.0
R2035	On	02/02/2023	9.89	Call	Bond Future	231.63000	0.23163	234.05000	0.23405	231.630	231.630	11.22	0.08	0.00	0	388.0
R2035	On	02/02/2023	10.30	Call	Bond Future	512.63000	0.51263	516.18000	0.51618	512.630	512.630	11.23	0.16	0.00	0	976.0
R2035	On	02/02/2023	10.64	Call	Bond Future	928.37000	0.92837	932.68000	0.93268	928.370	928.370	11.37	0.25	0.00	0	388.0
R2035	On	02/02/2023	10.66	Put	Bond Future	5,357.20000	5.35720	5,371.63000	5.37163	5,357.200	5,357.200	11.38	0.74	0.00	0	582.0
R2035	On	02/02/2023	11.05	Call	Bond Future	1,739.18000	1.73918	1,743.76000	1.74376	1,739.180	1,739.180	11.77	0.39	0.00	0	976.0
R2035	On	02/02/2023	11.06	Put	Bond Future	3,756.88000	3.75688	3,771.53000	3.77153	3,756.880	3,756.880	11.79	0.60	0.00	0	582.0
R2035	On	02/02/2023	11.98	Put	Bond Future	1,522.06000	1.52206	1,533.92000	1.53392	1,522.060	1,522.060	13.04	0.31	0.00	0	388.0
R2035	On	02/02/2023	13.22	Put	Bond Future	415.13000	0.41513	421.16000	0.42116	415.130	415.130	14.79	0.10	0.00	0	976.0
R2035	On	04/05/2023			Bond Future	11.53756	84.71740		11.53932	84.70758		12.80	0.00	0.00	0	0.0
R2035	On	04/05/2023	9.85	Call	Bond Future	495.09000	0.49509	497.40000	0.49740	495.090	495.090	11.89	0.13	0.00	0	388.0
R2035	On	04/05/2023	10.42	Call	Bond Future	1,045.65000	1.04565	1,048.57000	1.04857	1,045.650	1,045.650	11.86	0.23	0.00	0	491.0
R2035	On	04/05/2023	10.60	Call	Bond Future	1,290.38000	1.29038	1,293.36000	1.29336	1,290.380	1,290.380	11.86	0.27	0.00	0	388.0
R2035	On	04/05/2023	11.17	Call	Bond Future	2,421.54000	2.42154	2,424.24000	2.42424	2,421.540	2,421.540	12.18	0.42	0.00	0	491.0
R2035	On	04/05/2023	12.46	Put	Bond Future	1,684.31000	1.68431	1,693.59000	1.69359	1,684.310	1,684.310	13.71	0.28	0.00	0	388.0
R2035	On	04/05/2023	13.18	Put	Bond Future	965.53000	0.96553	972.54000	0.97254	965.530	965.530	14.65	0.17	0.00	0	491.0

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
R2035	On 03/08/2023	Bond Future			11.66599		86.39353		11.66776	86.38385		12.48	0.00	0.00	0	0.0
R2035	On 02/11/2023	Bond Future			11.81940		83.52164		11.82125	83.51174		12.61	0.00	0.00	0	0.0
R2035	On 28/02/2035	Price Contribution			100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.0
R2037	On 03/11/2022	Bond Future			11.38725		82.17016		11.38900	82.15982		12.74	0.00	0.00	0	66,092.0
R2037	On 02/02/2023	Bond Future			11.52600		79.38635		11.52765	79.37681		13.92	0.00	0.00	0	73,477.0
R2037	On 02/02/2023	Bond Future	11.10	Call	1,586.36000		1.58636	1,591.26000	1.59126	1,586.360		13.03	0.37	0.00	0	636.0
R2037	On 02/02/2023	Bond Future	11.97	Put	1,743.06000		1.74306	1,755.34000	1.75534	1,743.060		14.27	0.34	0.00	0	636.0
R2037	On 04/05/2023	Bond Future			11.65866		80.89589		11.66029	80.88663		13.73	0.00	0.00	0	0.0
R2037	On 04/05/2023	Bond Future	11.03	Call	1,911.24000		1.91124	1,914.56000	1.91456	1,911.240		12.94	0.35	0.00	0	400.0
R2037	On 04/05/2023	Bond Future	11.78	Call	3,924.16000		3.92416	3,926.51000	3.92651	3,924.160		13.77	0.55	0.00	0	400.0
R2037	On 04/05/2023	Bond Future	13.73	Put	753.07000		0.75307	759.11000	0.75911	753.070		16.46	0.13	0.00	0	400.0
R2037	On 03/08/2023	Bond Future			11.78896		78.23891		11.79060	78.22977		14.13	0.00	0.00	0	0.0
R2037	On 02/11/2023	Bond Future			11.92959		79.71317		11.93130	79.70384		13.56	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 03/11/2022	Bond Future			11.47414		84.00613		11.46559	84.06048		13.45	0.00	2,100,153.25	25	52,377.0
R2040	On 03/11/2022	Bond Future	10.60	Call	144.46000		0.14446	154.41000	0.15441	144.460		12.12	0.08	0.00	0	1,600.0
R2040	On 03/11/2022	Bond Future	10.70	Call	213.05000		0.21305	226.14000	0.22614	213.050		12.24	0.11	0.00	0	1,078.0
R2040	On 03/11/2022	Bond Future	11.20	Call	972.96000		0.97296	1,006.17000	1.00617	972.960		12.93	0.35	0.00	0	1,078.0
R2040	On 03/11/2022	Bond Future	11.30	Call	1,228.59000		1.22859	1,265.84000	1.26584	1,228.590		13.10	0.41	0.00	0	1,600.0
R2040	On 03/11/2022	Bond Future	12.52	Put	227.57000		0.22757	229.98000	0.22998	227.570		15.32	0.09	0.00	0	1,078.0
R2040	On 02/02/2023	Bond Future			11.60866		81.00492		11.59963	81.06118		14.73	0.00	0.00	0	64,540.0
R2040	On 02/02/2023	Bond Future	10.21	Call	326.64000		0.32664	336.74000	0.33674	326.640		13.38	0.10	0.00	0	388.0
R2040	On 02/02/2023	Bond Future	10.96	Call	1,241.83000		1.24183	1,266.70000	1.26670	1,241.830		13.63	0.29	0.00	0	388.0
R2040	On 02/02/2023	Bond Future	11.19	Call	1,752.14000		1.75214	1,782.41000	1.78241	1,752.140		13.89	0.37	0.00	0	621.0
R2040	On 02/02/2023	Bond Future	12.07	Put	1,878.81000		1.87881	1,869.47000	1.86947	1,878.810		15.27	0.34	0.00	0	621.0
R2040	On 02/02/2023	Bond Future	12.27	Put	1,533.93000		1.53393	1,527.01000	1.52701	1,533.930		15.61	0.29	0.00	0	388.0
R2040	On 04/05/2023	Bond Future			11.73695		82.54533		11.72749	82.60319		14.53	0.00	0.00	0	0.0
R2040	On 04/05/2023	Bond Future	10.17	Call	646.06000		0.64606	658.94000	0.65894	646.060		13.47	0.15	0.00	0	388.0
R2040	On 04/05/2023	Bond Future	10.73	Call	1,324.18000		1.32418	1,345.31000	1.34531	1,324.180		13.45	0.26	0.00	0	486.0
R2040	On 04/05/2023	Bond Future	10.92	Call	1,677.97000		1.67797	1,702.46000	1.70246	1,677.970		13.60	0.31	0.00	0	388.0
R2040	On 04/05/2023	Bond Future	11.48	Call	3,059.35000		3.05935	3,093.69000	3.09369	3,059.350		14.18	0.46	0.00	0	486.0
R2040	On 04/05/2023	Bond Future	12.78	Put	1,785.64000		1.78564	1,777.96000	1.77796	1,785.640		16.04	0.26	0.00	0	388.0
R2040	On 04/05/2023	Bond Future	13.45	Put	1,094.80000		1.09480	1,091.03000	1.09103	1,094.800		17.02	0.17	0.00	0	486.0
R2040	On 03/08/2023	Bond Future			11.86282		79.67067		11.85294	79.72999		14.99	0.00	0.00	0	0.0
R2040	On 02/11/2023	Bond Future			11.99792		81.17189		11.98768	81.23222		14.39	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 03/11/2022	Bond Future			11.45349		80.96252		11.43461	81.08524		14.23	0.00	29,227,469.72	361	73,088.0
R2044	On 03/11/2022	Bond Future	10.60	Call	155.51000		0.15551	172.17000	0.17217	155.510		12.82	0.09	0.00	0	1,900.0
R2044	On 03/11/2022	Bond Future	11.30	Call	1,306.34000		1.30634	1,374.00000	1.37400	1,306.340		13.86	0.42	0.00	0	1,900.0



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 02/02/2023	Bond Future			11.57958		78.03194		11.55984	78.15781		15.60	0.00	0.00	0	33,819.0
R2044	On 02/02/2023	Bond Future	12.00	Put	1,986.59000		1.98659		1,952.80000	1.95280	1,986.590	16.05	0.35	0.00	0	4,000.0
R2044	On 04/05/2023	Bond Future			11.69938		79.51584		11.67884	79.64455		15.41	0.00	0.00	0	0.0
R2044	On 04/05/2023	Bond Future	11.75	Put	3,781.18000		3.78118		3,730.24000	3.73024	3,781.180	15.41	0.46	0.00	0	4,115.0
R2044	On 04/05/2023	Bond Future	12.00	Put	3,138.21000		3.13821		3,094.98000	3.09498	3,138.210	15.78	0.40	0.00	0	4,115.0
R2044	On 03/08/2023	Bond Future			11.81649		76.70649		11.79512	76.83806		15.92	0.00	0.00	0	0.0
R2044	On 02/11/2023	Bond Future			11.94187		78.15180		11.91971	78.28583		15.29	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 03/11/2022	Bond Future			11.37354		79.97542		11.36481	80.03387		14.76	0.00	709,461,950.82	8,871	246,512.0
R2048	On 03/11/2022	Bond Future	10.60	Call	207.12000		0.20712		220.35000	0.22035	207.120	13.31	0.11	0.00	0	950.0
R2048	On 03/11/2022	Bond Future	11.30	Call	1,565.20000		1.56520		1,608.62000	1.60862	1,565.200	14.38	0.47	0.00	0	950.0
R2048	On 02/02/2023	Bond Future			11.49213		81.44483		11.48294	81.50522		15.32	0.00	0.00	0	0.0
R2048	On 02/02/2023	Bond Future	10.40	Call	587.57000		0.58757		603.40000	0.60340	587.570	13.93	0.16	0.00	0	2,700.0
R2048	On 02/02/2023	Bond Future	11.10	Call	1,927.53000		1.92753		1,960.61000	1.96061	1,927.530	14.67	0.38	0.00	0	2,700.0
R2048	On 04/05/2023	Bond Future			11.60455		78.53473		11.59494	78.59681		15.99	0.00	0.00	0	0.0
R2048	On 03/08/2023	Bond Future			11.71477		80.05109		11.70476	80.11467		15.64	0.00	0.00	0	0.0
R2048	On 02/11/2023	Bond Future			11.83458		77.14248		11.82421	77.20717		15.89	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
R209	On 03/11/2022	Bond Future			11.22646		66.59255		11.22303	66.61009		13.45	0.00	0.00	0	20,285.0
R209	On 03/11/2022	Bond Future	9.25	Call	0.41000		0.00041		0.47000	0.00047	0.410	12.07	0.00	0.00	0	6,000.0
R209	On 03/11/2022	Bond Future	10.00	Call	25.01000		0.02501		26.89000	0.02689	25.010	12.02	0.02	0.00	0	7,750.0
R209	On 03/11/2022	Bond Future	10.00	Put	6,739.21000		6.73921		6,723.55000	6.72355	6,739.210	12.02	0.98	0.00	0	6,000.0
R209	On 03/11/2022	Bond Future	11.00	Put	2,032.13000		2.03213		2,032.68000	2.03268	2,032.130	13.02	0.62	0.00	0	6,000.0
R209	On 03/11/2022	Bond Future	12.00	Put	307.12000		0.30712		312.51000	0.31251	307.120	14.83	0.15	0.00	0	7,750.0
R209	On 02/02/2023	Bond Future			11.35497		67.78602		11.35126	67.80466		13.97	0.00	0.00	0	2,066.0
R209	On 04/05/2023	Bond Future			11.47464		65.92240		11.47071	65.94181		14.44	0.00	0.00	0	1,250.0
R209	On 04/05/2023	Bond Future	10.00	Call	575.53000		0.57553		582.33000	0.58233	575.530	13.39	0.16	0.00	0	7,500.0
R209	On 04/05/2023	Bond Future	11.00	Put	4,339.41000		4.33941		4,333.63000	4.33363	4,339.410	13.81	0.60	0.00	0	7,500.0
R209	On 04/05/2023	Bond Future	12.50	Put	1,398.06000		1.39806		1,398.80000	1.39880	1,398.060	15.90	0.26	0.00	0	7,500.0
R209	On 03/08/2023	Bond Future			11.58707		67.22701		11.58294	67.24709		14.12	0.00	0.00	0	0.0
R209	On 02/11/2023	Bond Future			11.71812		65.34457		11.71384	65.36501		14.22	0.00	0.00	0	0.0
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 03/11/2022	Bond Future			231.32944		231.32944		231.15289	231.15289			0.00	0.00	0	732.0
R210	On 02/02/2023	Bond Future			235.53019		235.53019		235.35322	235.35322			0.00	0.00	0	300.0

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
R210	On 04/05/2023	Bond Future			236.93125		236.93125		236.75237	236.75237			0.00	0.00	0	0.0
R210	On 03/08/2023	Bond Future			241.66660		241.66660		241.48514	241.48514			0.00	0.00	0	0.0
R210	On 02/11/2023	Bond Future			243.03319		243.03319		242.84833	242.84833			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
R213	On 03/11/2022	Bond Future			10.80099		80.80451		10.84925	80.58020		10.03	0.00	0.00	0	34,054.0
R213	On 03/11/2022	Bond Future	9.13	Call	0.90000		0.00090		0.74000	0.00074	0.900	8.20	0.00	0.00	0	200.0
R213	On 03/11/2022	Bond Future	9.19	Call	1.28000		0.00128		1.05000	0.00105	1.280	8.18	0.00	0.00	0	476.0
R213	On 03/11/2022	Bond Future	9.84	Put	4,676.67000		4.67667	4,895.03000	4.89503	4,676.670	7.90	0.96	0.00	0.00	0	476.0
R213	On 03/11/2022	Bond Future	9.98	Put	4,009.36000		4.00936	4,223.27000	4.22327	4,009.360	7.84	0.94	0.00	0.00	0	200.0
R213	On 03/11/2022	Bond Future	10.19	Put	3,093.37000		3.09337	3,293.16000	3.29316	3,093.370	8.22	0.86	0.00	0.00	0	476.0
R213	On 03/11/2022	Bond Future	10.37	Put	2,406.72000		2.40672	2,588.16000	2.58816	2,406.720	8.59	0.77	0.00	0.00	0	200.0
R213	On 02/02/2023	Bond Future			10.95853		82.25191	11.00880	82.02457			10.16	0.00	0.00	0	0.0
R213	On 02/02/2023	Bond Future	9.16	Call	129.23000		0.12923	118.28000	0.11828	129.230	9.96	0.06	0.00	0.00	0	476.0
R213	On 02/02/2023	Bond Future	10.01	Put	5,002.46000		5.00246	5,189.86000	5.18986	5,002.460	9.61	0.80	0.00	0.00	0	476.0
R213	On 02/02/2023	Bond Future	10.35	Put	3,735.87000		3.73587	3,902.65000	3.90265	3,735.870	9.54	0.70	0.00	0.00	0	476.0
R213	On 02/02/2023	Bond Future	10.43	Call	1,033.11000		1.03311	966.80000	0.96680	1,033.110	9.58	0.33	0.00	0.00	0	912.0
R213	On 02/02/2023	Bond Future	12.20	Put	522.41000		0.52241	565.62000	0.56562	522.410	11.25	0.16	0.00	0.00	0	912.0
R213	On 04/05/2023	Bond Future			11.09915		80.26353	11.15161	80.03233			10.32	0.00	0.00	0	0.0
R213	On 03/08/2023	Bond Future			11.23460		81.85105	11.28944	81.61562			9.95	0.00	0.00	0	0.0
R213	On 02/11/2023	Bond Future			11.40222		79.84449	11.45973	79.60456			9.87	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 03/11/2022	Bond Future			11.38218		63.97568	11.36842	64.04919			14.72	0.00	0.00	0	25,440.0
R214	On 02/02/2023	Bond Future			11.50689		65.12161	11.49249	65.19720			15.30	0.00	0.00	0	64,507.0
R214	On 04/05/2023	Bond Future			11.61718		63.06175	11.60221	63.13916			15.90	0.00	0.00	0	0.0
R214	On 03/08/2023	Bond Future			11.72217		64.30934	11.70663	64.38853			15.57	0.00	0.00	0	0.0
R214	On 02/11/2023	Bond Future			11.84576		62.22557	11.82968	62.30618			15.78	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
<b>Total for Derivatives :</b>														<b>782,376,696.93</b>	<b>9,534</b>	<b>1 491 066.0</b>
<b>Grand Total:</b>														<b>782,376,696.93</b>	<b>9,534</b>	<b>1 491 066.0</b>