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## CURRENCY DERIVATIVES

## CURRENCY FUTURES AND OPTIONS HIGH/LOW

HIGH/LOW FROM: 19/11/2019 TO 19/11/2019

Deal Date	Contract Details	Strike	Call/ Put	Product	Previous Close Price	Today Close Price	Spot Rate	ZAR Converted Amount	% Movement In MTM	Today's High	Today's Low	Open Interest
19/11/2019	\$ / R 2019/11/29	14.25	P	Any day expiry	0.01684	0.01401			-16.77882	0.00000	0.00000	0
19/11/2019	\$ / R 2019/11/29	13.00	C	Any day expiry	1.72710	1.72710			0.00000	0.00000	0.00000	0
19/11/2019	\$ / R 2019/11/29			Any day expiry	14.72710	14.72710			0.00000	0.00000	0.00000	0
19/11/2019	\$ / R 2019/11/29	14.20	C	Any day expiry	0.53928	0.53700			-0.42216	0.00000	0.00000	0
19/11/2019	\$ / R 2019/11/29	14.25	C	Any day expiry	0.49394	0.49111			-0.57196	0.00000	0.00000	0
19/11/2019	\$ / R 2019/11/29	13.00	P	Any day expiry	0.00000	0.00000			0.00000	0.00000	0.00000	0
19/11/2019	\$ / R 2019/11/29	14.20	P	Any day expiry	0.01218	0.00990			-18.69867	0.00000	0.00000	0
19/11/2019	\$ / R 2019/11/29	17.26	P	Any day expiry	2.53290	2.53290			0.00000	0.00000	0.00000	0
19/11/2019	\$ / R 2019/11/29	17.26	C	Any day expiry	0.00000	0.00000			-100.00000	0.00000	0.00000	0
19/11/2019	\$ / R 2019/11/29	16.87	P	Any day expiry	2.14290	2.14290			-0.00004	0.00000	0.00000	0
19/11/2019	\$ / R 2019/11/29	16.87	C	Any day expiry	0.00000	0.00000			-60.00000	0.00000	0.00000	0
19/11/2019	\$ / R 2019/11/29	16.03	P	Any day expiry	1.30325	1.30311			-0.01090	0.00000	0.00000	0
19/11/2019	\$ / R 2019/11/29	16.03	C	Any day expiry	0.00035	0.00021			-40.24356	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/02	13.44	C	Any day expiry	1.29253	1.29252			-0.00111	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/02			Any day expiry	14.73250	14.73250			0.00000	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/02	13.44	P	Any day expiry	0.00003	0.00002			-41.86047	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/04	14.84	P	Any day expiry	0.24775	0.24182			-2.39423	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/04			Any day expiry	14.73620	14.73620			0.00000	0.00000	0.00000	0

Deal Date	Contract Details	Strike	Call/ Put	Product	Previous Close Price	Today Close Price	Spot Rate	ZAR Converted Amount	% Movement In MTM	Today's High	Today's Low	Open Interest
19/11/2019	\$ / R 2019/12/04	14.84	C	Any day expiry	0.14395	0.13802			-4.12062	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	13.03	P	Foreign Exchange Future	0.00004	0.00003			-25.90674	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	14.12	P	Foreign Exchange Future	0.03353	0.03130			-6.64454	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	16.55	P	Foreign Exchange Future	1.79932	1.79902			-0.01693	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	16.13	C	Foreign Exchange Future	0.00704	0.00621			-11.87059	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	16.37	C	Foreign Exchange Future	0.00340	0.00292			-14.09906	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	14.08	P	Foreign Exchange Future	0.02832	0.02631			-7.09784	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	12.87	C	Foreign Exchange Future	1.88261	1.88261			-0.00015	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	13.94	C	Foreign Exchange Future	0.82767	0.82634			-0.16097	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	14.41	P	Foreign Exchange Future	0.09545	0.09164			-3.98726	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	13.80	C	Foreign Exchange Future	0.96013	0.95932			-0.08485	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	13.00	P	Foreign Exchange Future	0.00003	0.00002			-26.57807	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	16.85	P	Foreign Exchange Future	2.09813	2.09799			-0.00653	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	17.38	C	Foreign Exchange Future	0.00013	0.00010			-23.88759	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	15.81	C	Foreign Exchange Future	0.01775	0.01614			-9.06335	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	15.80	P	Foreign Exchange Future	1.06565	1.06401			-0.15377	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13			Foreign Exchange Future	14.75260	14.75260			0.00000	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	16.55	C	Foreign Exchange Future	0.00192	0.00162			-15.83078	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	14.11	C	Foreign Exchange Future	0.67476	0.67259			-0.32201	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	14.11	P	Foreign Exchange Future	0.03216	0.02999			-6.75586	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	13.94	P	Foreign Exchange Future	0.01507	0.01374			-8.83934	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	17.02	P	Foreign Exchange Future	2.26782	2.26773			-0.00377	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	17.02	C	Foreign Exchange Future	0.00042	0.00033			-20.40038	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	14.00	C	Foreign Exchange Future	0.77241	0.77081			-0.20708	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	14.00	P	Foreign Exchange Future	0.01981	0.01821			-8.07380	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	16.25	P	Foreign Exchange Future	1.50233	1.50169			-0.04257	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	16.25	C	Foreign Exchange Future	0.00493	0.00429			-12.96214	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	11.89	C	Foreign Exchange Future	2.86260	2.86260			0.00000	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	11.89	P	Foreign Exchange Future	0.00000	0.00000			0.00000	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	13.66	C	Foreign Exchange Future	1.09606	1.09561			-0.04127	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	13.66	P	Foreign Exchange Future	0.00346	0.00301			-13.05904	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	15.82	C	Foreign Exchange Future	0.01725	0.01567			-9.14803	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	15.82	P	Foreign Exchange Future	1.08465	1.08307			-0.14550	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	13.03	C	Foreign Exchange Future	1.72264	1.72263			-0.00058	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	14.12	C	Foreign Exchange Future	0.66613	0.66390			-0.33443	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	16.99	P	Foreign Exchange Future	2.23786	2.23777			-0.00416	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	16.13	P	Foreign Exchange Future	1.38444	1.38361			-0.06040	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	16.37	P	Foreign Exchange Future	1.62080	1.62032			-0.02956	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	14.08	C	Foreign Exchange Future	0.70092	0.69891			-0.28679	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	16.35	P	Foreign Exchange Future	1.60102	1.60051			-0.03142	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	12.87	P	Foreign Exchange Future	0.00001	0.00001			-29.59184	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	14.41	C	Foreign Exchange Future	0.43805	0.43424			-0.86879	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	13.80	P	Foreign Exchange Future	0.00753	0.00672			-10.81379	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	13.00	C	Foreign Exchange Future	1.75263	1.75262			-0.00046	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	16.85	C	Foreign Exchange Future	0.00073	0.00059			-18.74487	0.00000	0.00000	0

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19/11/2019	\$ / R 2019/12/13	17.38	P	Foreign Exchange Future	2.62753	2.62750			-0.00116	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	15.81	P	Foreign Exchange Future	1.07515	1.07354			-0.14959	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	15.80	C	Foreign Exchange Future	0.01825	0.01661			-8.97864	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	16.99	C	Foreign Exchange Future	0.00046	0.00037			-20.11234	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	14.10	C	Foreign Exchange Future	0.68344	0.68132			-0.30993	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	14.10	P	Foreign Exchange Future	0.03084	0.02872			-6.86842	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	16.35	C	Foreign Exchange Future	0.00362	0.00311			-13.90540	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	16.20	P	Foreign Exchange Future	1.45313	1.45241			-0.04928	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	16.20	C	Foreign Exchange Future	0.00573	0.00501			-12.50633	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	14.07	C	Foreign Exchange Future	0.70972	0.70777			-0.27573	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	14.07	P	Foreign Exchange Future	0.02712	0.02517			-7.21467	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	20.00	P	Foreign Exchange Future	5.24740	5.24740			0.00000	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/13	20.00	C	Foreign Exchange Future	0.00000	0.00000			0.00000	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/31	17.44	P	Any day expiry	2.65674	2.65653			-0.00793	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/31	16.21	P	Any day expiry	1.45066	1.44931			-0.09316	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/31			Any day expiry	14.78540	14.78540			0.00000	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/31	14.20	P	Any day expiry	0.08612	0.08368			-2.82638	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/31	17.44	C	Any day expiry	0.00214	0.00193			-9.84941	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/31	17.05	C	Any day expiry	0.00477	0.00437			-8.33333	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/31	16.21	C	Any day expiry	0.02606	0.02471			-5.18667	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/31	14.20	C	Any day expiry	0.67152	0.66908			-0.36246	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/31	17.05	P	Any day expiry	2.26937	2.26897			-0.01751	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/31	14.25	C	Any day expiry	0.63398	0.63139			-0.40936	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/31	14.25	P	Any day expiry	0.09858	0.09599			-2.63263	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/31	13.00	P	Any day expiry	0.00064	0.00057			-11.15439	0.00000	0.00000	0
19/11/2019	\$ / R 2019/12/31	13.00	C	Any day expiry	1.78604	1.78597			-0.00401	0.00000	0.00000	0
19/11/2019	\$ / R 2020/01/02			Any day expiry	14.78910	14.78910			0.00000	0.00000	0.00000	0
19/11/2019	\$ / R 2020/01/02	13.49	P	Any day expiry	0.00819	0.00766			-6.38605	0.00000	0.00000	0
19/11/2019	\$ / R 2020/01/02	13.49	C	Any day expiry	1.30729	1.30676			-0.03999	0.00000	0.00000	0
19/11/2019	\$ / R 2020/01/31	13.54	P	Any day expiry	0.02983	0.02898			-2.85019	0.00000	0.00000	0
19/11/2019	\$ / R 2020/01/31			Any day expiry	14.84240	14.84240			0.00000	0.00000	0.00000	0
19/11/2019	\$ / R 2020/01/31	13.54	C	Any day expiry	1.33223	1.33138			-0.06383	0.00000	0.00000	0
19/11/2019	\$ / R 2020/02/28			Any day expiry	14.89510	14.89510			0.00000	0.00000	0.00000	0
19/11/2019	\$ / R 2020/02/28	14.78	P	Any day expiry	0.42875	0.42638			-0.55207	0.00000	0.00000	0
19/11/2019	\$ / R 2020/02/28	14.78	C	Any day expiry	0.54385	0.54148			-0.43523	0.00000	0.00000	0
19/11/2019	\$ / R 2020/03/02			Any day expiry	14.90060	14.90060			0.00000	0.00000	0.00000	0
19/11/2019	\$ / R 2020/03/02	13.59	P	Any day expiry	0.05993	0.05893			-1.65653	0.00000	0.00000	0
19/11/2019	\$ / R 2020/03/02	13.59	C	Any day expiry	1.37053	1.36953			-0.07243	0.00000	0.00000	0
19/11/2019	\$ / R 2020/03/16	13.19	P	Foreign Exchange Future	0.02804	0.02750			-1.94440	0.00000	0.00000	0
19/11/2019	\$ / R 2020/03/16	14.51	P	Foreign Exchange Future	0.32502	0.32301			-0.62066	0.00000	0.00000	0
19/11/2019	\$ / R 2020/03/16	16.81	C	Foreign Exchange Future	0.10272	0.10129			-1.38711	0.00000	0.00000	0
19/11/2019	\$ / R 2020/03/16	14.40	C	Foreign Exchange Future	0.80551	0.80359			-0.23859	0.00000	0.00000	0
19/11/2019	\$ / R 2020/03/16	16.60	P	Foreign Exchange Future	1.79822	1.79665			-0.08724	0.00000	0.00000	0
19/11/2019	\$ / R 2020/03/16	17.73	C	Foreign Exchange Future	0.04543	0.04455			-1.94218	0.00000	0.00000	0
19/11/2019	\$ / R 2020/03/16	15.61	C	Foreign Exchange Future	0.29736	0.29520			-0.72803	0.00000	0.00000	0

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19/11/2019	\$ / R 2020/03/16	14.01	P	Foreign Exchange Future	0.15405	0.15255			-0.97702	0.00000	0.00000	0
19/11/2019	\$ / R 2020/03/16	15.63	C	Foreign Exchange Future	0.29220	0.29005			-0.73798	0.00000	0.00000	0
19/11/2019	\$ / R 2020/03/16			Foreign Exchange Future	14.92590	14.92590			0.00000	0.00000	0.00000	0
19/11/2019	\$ / R 2020/03/16	14.51	C	Foreign Exchange Future	0.74092	0.73891			-0.27227	0.00000	0.00000	0
19/11/2019	\$ / R 2020/03/16	13.06	C	Foreign Exchange Future	1.88545	1.88503			-0.02245	0.00000	0.00000	0
19/11/2019	\$ / R 2020/03/16	13.06	P	Foreign Exchange Future	0.01955	0.01913			-2.16493	0.00000	0.00000	0
19/11/2019	\$ / R 2020/03/16	15.61	P	Foreign Exchange Future	0.98146	0.97930			-0.22058	0.00000	0.00000	0
19/11/2019	\$ / R 2020/03/16	11.91	C	Foreign Exchange Future	3.01610	3.01609			-0.00034	0.00000	0.00000	0
19/11/2019	\$ / R 2020/03/16	11.91	P	Foreign Exchange Future	0.00020	0.00019			-5.18703	0.00000	0.00000	0
19/11/2019	\$ / R 2020/03/16	13.19	C	Foreign Exchange Future	1.76394	1.76340			-0.03091	0.00000	0.00000	0
19/11/2019	\$ / R 2020/03/16	16.81	P	Foreign Exchange Future	1.98682	1.98539			-0.07171	0.00000	0.00000	0
19/11/2019	\$ / R 2020/03/16	14.40	P	Foreign Exchange Future	0.27961	0.27769			-0.68735	0.00000	0.00000	0
19/11/2019	\$ / R 2020/03/16	16.60	C	Foreign Exchange Future	0.12412	0.12255			-1.26390	0.00000	0.00000	0
19/11/2019	\$ / R 2020/03/16	17.73	P	Foreign Exchange Future	2.84953	2.84865			-0.03096	0.00000	0.00000	0
19/11/2019	\$ / R 2020/03/16	14.01	C	Foreign Exchange Future	1.06995	1.06845			-0.14067	0.00000	0.00000	0
19/11/2019	\$ / R 2020/03/16	15.63	P	Foreign Exchange Future	0.99630	0.99415			-0.21644	0.00000	0.00000	0
19/11/2019	\$ / R 2020/03/16	14.66	C	Foreign Exchange Future	0.65932	0.65720			-0.32207	0.00000	0.00000	0
19/11/2019	\$ / R 2020/03/16	14.66	P	Foreign Exchange Future	0.39342	0.39130			-0.53975	0.00000	0.00000	0
19/11/2019	\$ / R 2020/03/16	17.04	P	Foreign Exchange Future	2.19765	2.19638			-0.05795	0.00000	0.00000	0
19/11/2019	\$ / R 2020/03/16	17.04	C	Foreign Exchange Future	0.08355	0.08228			-1.52419	0.00000	0.00000	0
19/11/2019	\$ / R 2020/03/16	17.88	P	Foreign Exchange Future	2.99401	2.99319			-0.02710	0.00000	0.00000	0
19/11/2019	\$ / R 2020/03/16	17.88	C	Foreign Exchange Future	0.03991	0.03909			-2.03331	0.00000	0.00000	0
19/11/2019	\$ / R 2020/03/16	13.78	C	Foreign Exchange Future	1.24922	1.24799			-0.09843	0.00000	0.00000	0
19/11/2019	\$ / R 2020/03/16	13.78	P	Foreign Exchange Future	0.10332	0.10209			-1.19008	0.00000	0.00000	0
19/11/2019	\$ / R 2020/03/16	12.96	C	Foreign Exchange Future	1.98043	1.98009			-0.01724	0.00000	0.00000	0
19/11/2019	\$ / R 2020/03/16	12.96	P	Foreign Exchange Future	0.01453	0.01419			-2.34915	0.00000	0.00000	0
19/11/2019	\$ / R 2020/03/16	15.62	C	Foreign Exchange Future	0.29477	0.29261			-0.73297	0.00000	0.00000	0
19/11/2019	\$ / R 2020/03/16	15.62	P	Foreign Exchange Future	0.98887	0.98671			-0.21849	0.00000	0.00000	0
19/11/2019	\$ / R 2020/04/02	13.64	C	Any day expiry	1.41103	1.40998			-0.07447	0.00000	0.00000	0
19/11/2019	\$ / R 2020/04/02			Any day expiry	14.95720	14.95720			0.00000	0.00000	0.00000	0
19/11/2019	\$ / R 2020/04/02	13.64	P	Any day expiry	0.09383	0.09278			-1.11994	0.00000	0.00000	0
19/11/2019	\$ / R 2020/04/29			Any day expiry	15.00870	15.00870			0.00000	0.00000	0.00000	0
19/11/2019	\$ / R 2020/04/29	13.69	P	Any day expiry	0.12517	0.12410			-0.85477	0.00000	0.00000	0
19/11/2019	\$ / R 2020/04/29	13.69	C	Any day expiry	1.44387	1.44280			-0.07410	0.00000	0.00000	0
19/11/2019	\$ / R 2020/06/02	13.74	P	Any day expiry	0.16317	0.16210			-0.65301	0.00000	0.00000	0
19/11/2019	\$ / R 2020/06/02			Any day expiry	15.07600	15.07600			0.00000	0.00000	0.00000	0
19/11/2019	\$ / R 2020/06/02	13.74	C	Any day expiry	1.49917	1.49810			-0.07107	0.00000	0.00000	0
19/11/2019	\$ / R 2020/06/12	11.90	C	Foreign Exchange Future	3.20056	3.20047			-0.00280	0.00000	0.00000	0
19/11/2019	\$ / R 2020/06/12	14.25	C	Foreign Exchange Future	1.16565	1.16426			-0.11955	0.00000	0.00000	0
19/11/2019	\$ / R 2020/06/12	15.17	P	Foreign Exchange Future	0.76863	0.76687			-0.22951	0.00000	0.00000	0
19/11/2019	\$ / R 2020/06/12			Foreign Exchange Future	15.09580	15.09580			0.00000	0.00000	0.00000	0
19/11/2019	\$ / R 2020/06/12	14.25	P	Foreign Exchange Future	0.31985	0.31846			-0.43567	0.00000	0.00000	0
19/11/2019	\$ / R 2020/06/12	17.26	P	Foreign Exchange Future	2.36717	2.36580			-0.05788	0.00000	0.00000	0
19/11/2019	\$ / R 2020/06/12	17.26	C	Foreign Exchange Future	0.20297	0.20160			-0.67502	0.00000	0.00000	0
19/11/2019	\$ / R 2020/06/12	15.17	C	Foreign Exchange Future	0.69443	0.69267			-0.25403	0.00000	0.00000	0

Deal Date	Contract Details	Strike	Call/ Put	Product	Previous Close Price	Today Close Price	Spot Rate	ZAR Converted Amount	% Movement In MTM	Today's High	Today's Low	Open Interest
19/11/2019	\$ / R 2020/06/12	11.90	P	Foreign Exchange Future	0.00476	0.00467			-1.88156	0.00000	0.00000	0
19/11/2019	\$ / R 2020/06/12	15.18	C	Foreign Exchange Future	0.69038	0.68861			-0.25573	0.00000	0.00000	0
19/11/2019	\$ / R 2020/06/12	15.16	P	Foreign Exchange Future	0.76271	0.76094			-0.23109	0.00000	0.00000	0
19/11/2019	\$ / R 2020/06/12	15.18	P	Foreign Exchange Future	0.77458	0.77281			-0.22793	0.00000	0.00000	0
19/11/2019	\$ / R 2020/06/12	15.16	C	Foreign Exchange Future	0.69851	0.69674			-0.25232	0.00000	0.00000	0
19/11/2019	\$ / R 2020/07/28			Any day expiry	15.18680	15.18680			0.00000	0.00000	0.00000	0
19/11/2019	\$ / R 2020/07/28	15.37	P	Any day expiry	0.92520	0.92357			-0.17659	0.00000	0.00000	0
19/11/2019	\$ / R 2020/07/28	15.37	C	Any day expiry	0.74200	0.74037			-0.22019	0.00000	0.00000	0
19/11/2019	\$ / R 2020/09/14	15.35	P	Foreign Exchange Future	0.94380	0.94229			-0.15967	0.00000	0.00000	0
19/11/2019	\$ / R 2020/09/14	15.34	C	Foreign Exchange Future	0.87820	0.87669			-0.17146	0.00000	0.00000	0
19/11/2019	\$ / R 2020/09/14			Foreign Exchange Future	15.28040	15.28040			0.00000	0.00000	0.00000	0
19/11/2019	\$ / R 2020/09/14	15.35	C	Foreign Exchange Future	0.87420	0.87269			-0.17239	0.00000	0.00000	0
19/11/2019	\$ / R 2020/09/14	15.34	P	Foreign Exchange Future	0.93780	0.93629			-0.16057	0.00000	0.00000	0
19/11/2019	\$ / R 2020/09/14	15.36	C	Foreign Exchange Future	0.87021	0.86870			-0.17333	0.00000	0.00000	0
19/11/2019	\$ / R 2020/09/14	15.36	P	Foreign Exchange Future	0.94981	0.94830			-0.15880	0.00000	0.00000	0
19/11/2019	\$ / R MAXI 2019/12/13	14.02	P	Foreign Exchange Future	0.02172	0.02002			-7.82105	0.00000	0.00000	0
19/11/2019	\$ / R MAXI 2019/12/13	14.01	C	Foreign Exchange Future	0.76334	0.76170			-0.21596	0.00000	0.00000	0
19/11/2019	\$ / R MAXI 2019/12/13			Foreign Exchange Future	14.75260	14.75260			0.00000	0.00000	0.00000	0
19/11/2019	\$ / R MAXI 2019/12/13	14.02	C	Foreign Exchange Future	0.75432	0.75262			-0.22516	0.00000	0.00000	0
19/11/2019	\$ / R MAXI 2019/12/13	14.01	P	Foreign Exchange Future	0.02074	0.01910			-7.94680	0.00000	0.00000	0
19/11/2019	\$ / R MAXI 2019/12/13	14.03	C	Foreign Exchange Future	0.74532	0.74357			-0.23466	0.00000	0.00000	0
19/11/2019	\$ / R MAXI 2019/12/13	14.03	P	Foreign Exchange Future	0.02272	0.02097			-7.69685	0.00000	0.00000	0
19/11/2019	\$ / R MAXI 2020/03/16	14.68	C	Foreign Exchange Future	0.64900	0.64686			-0.32904	0.00000	0.00000	0
19/11/2019	\$ / R MAXI 2020/03/16	14.69	P	Foreign Exchange Future	0.40798	0.40584			-0.52484	0.00000	0.00000	0
19/11/2019	\$ / R MAXI 2020/03/16			Foreign Exchange Future	14.92590	14.92590			0.00000	0.00000	0.00000	0
19/11/2019	\$ / R MAXI 2020/03/16	14.68	P	Foreign Exchange Future	0.40310	0.40096			-0.52977	0.00000	0.00000	0
19/11/2019	\$ / R MAXI 2020/03/16	14.69	C	Foreign Exchange Future	0.64388	0.64174			-0.33256	0.00000	0.00000	0
19/11/2019	\$ / R MAXI 2020/03/16	14.67	C	Foreign Exchange Future	0.65414	0.65201			-0.32555	0.00000	0.00000	0
19/11/2019	\$ / R MAXI 2020/03/16	14.67	P	Foreign Exchange Future	0.39824	0.39611			-0.53474	0.00000	0.00000	0
19/11/2019	£ / R 2019/12/13	19.96	C	Foreign Exchange Future	0.07758	0.07348			-5.29277	0.00000	0.00000	0
19/11/2019	£ / R 2019/12/13	19.95	P	Foreign Exchange Future	0.75819	0.75404			-0.54729	0.00000	0.00000	0
19/11/2019	£ / R 2019/12/13			Foreign Exchange Future	19.27110	19.27110			0.00000	0.00000	0.00000	0
19/11/2019	£ / R 2019/12/13	19.97	C	Foreign Exchange Future	0.07590	0.07184			-5.35267	0.00000	0.00000	0
19/11/2019	£ / R 2019/12/13	19.97	P	Foreign Exchange Future	0.77480	0.77074			-0.52437	0.00000	0.00000	0
19/11/2019	£ / R 2019/12/13	19.96	P	Foreign Exchange Future	0.76648	0.76238			-0.53572	0.00000	0.00000	0
19/11/2019	£ / R 2019/12/13	19.95	C	Foreign Exchange Future	0.07929	0.07514			-5.23322	0.00000	0.00000	0
19/11/2019	£ / R 2019/12/13	18.75	C	Foreign Exchange Future	0.61624	0.61191			-0.70234	0.00000	0.00000	0
19/11/2019	£ / R 2019/12/13	18.75	P	Foreign Exchange Future	0.09514	0.09081			-4.54938	0.00000	0.00000	0
19/11/2019	£ / R 2019/12/13	22.13	P	Foreign Exchange Future	2.85910	2.85905			-0.00157	0.00000	0.00000	0
19/11/2019	£ / R 2019/12/13	22.13	C	Foreign Exchange Future	0.00020	0.00015			-22.98264	0.00000	0.00000	0
19/11/2019	£ / R 2020/03/16	19.00	P	Foreign Exchange Future	0.39183	0.38931			-0.64283	0.00000	0.00000	0
19/11/2019	£ / R 2020/03/16	20.31	C	Foreign Exchange Future	0.38610	0.38344			-0.68962	0.00000	0.00000	0
19/11/2019	£ / R 2020/03/16			Foreign Exchange Future	19.57520	19.57520			0.00000	0.00000	0.00000	0
19/11/2019	£ / R 2020/03/16	20.29	C	Foreign Exchange Future	0.39202	0.38935			-0.68144	0.00000	0.00000	0
19/11/2019	£ / R 2020/03/16	20.29	P	Foreign Exchange Future	1.10682	1.10415			-0.24136	0.00000	0.00000	0

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19/11/2019	£ / R 2020/03/16	19.00	C	Foreign Exchange Future	0.96703	0.96451			-0.26047	0.00000	0.00000	0
19/11/2019	£ / R 2020/03/16	20.31	P	Foreign Exchange Future	1.12090	1.11824			-0.23754	0.00000	0.00000	0
19/11/2019	£ / R 2020/03/16	20.30	C	Foreign Exchange Future	0.38905	0.38638			-0.68549	0.00000	0.00000	0
19/11/2019	£ / R 2020/03/16	20.30	P	Foreign Exchange Future	1.11385	1.11118			-0.23943	0.00000	0.00000	0
19/11/2019	£ / R 2020/06/12	20.01	P	Foreign Exchange Future	0.99424	0.99202			-0.22278	0.00000	0.00000	0
19/11/2019	£ / R 2020/06/12			Foreign Exchange Future	19.86290	19.86290			0.00000	0.00000	0.00000	0
19/11/2019	£ / R 2020/06/12	20.00	C	Foreign Exchange Future	0.85135	0.84913			-0.26011	0.00000	0.00000	0
19/11/2019	£ / R 2020/06/12	20.00	P	Foreign Exchange Future	0.98845	0.98623			-0.22403	0.00000	0.00000	0
19/11/2019	£ / R 2020/06/12	20.01	C	Foreign Exchange Future	0.84714	0.84492			-0.26147	0.00000	0.00000	0
19/11/2019	£ / R 2020/06/12	19.99	C	Foreign Exchange Future	0.85557	0.85336			-0.25873	0.00000	0.00000	0
19/11/2019	£ / R 2020/06/12	19.99	P	Foreign Exchange Future	0.98267	0.98046			-0.22526	0.00000	0.00000	0
19/11/2019	£ / R 2020/09/14	20.30	C	Foreign Exchange Future	1.09605	1.09413			-0.17543	0.00000	0.00000	0
19/11/2019	£ / R 2020/09/14	20.29	P	Foreign Exchange Future	1.21986	1.21794			-0.15757	0.00000	0.00000	0
19/11/2019	£ / R 2020/09/14			Foreign Exchange Future	20.17040	20.17040			0.00000	0.00000	0.00000	0
19/11/2019	£ / R 2020/09/14	20.31	C	Foreign Exchange Future	1.09185	1.08993			-0.17617	0.00000	0.00000	0
19/11/2019	£ / R 2020/09/14	20.31	P	Foreign Exchange Future	1.23145	1.22953			-0.15620	0.00000	0.00000	0
19/11/2019	£ / R 2020/09/14	20.30	P	Foreign Exchange Future	1.22565	1.22373			-0.15688	0.00000	0.00000	0
19/11/2019	£ / R 2020/09/14	20.29	C	Foreign Exchange Future	1.10026	1.09834			-0.17470	0.00000	0.00000	0
19/11/2019	¥ / R 2019/12/13	0.13	P	Foreign Exchange Future	0.00066	0.00063			-4.91145	0.00000	0.00000	0
19/11/2019	¥ / R 2019/12/13	0.12	C	Foreign Exchange Future	0.01460	0.01460			-0.00201	0.00000	0.00000	0
19/11/2019	¥ / R 2019/12/13			Foreign Exchange Future	0.13460	0.13460			0.00000	0.00000	0.00000	0
19/11/2019	¥ / R 2019/12/13	0.13	C	Foreign Exchange Future	0.00526	0.00523			-0.61471	0.00000	0.00000	0
19/11/2019	¥ / R 2019/12/13	0.12	P	Foreign Exchange Future	0.00000	0.00000			-22.32346	0.00000	0.00000	0
19/11/2019	¥ / R 2019/12/13	0.14	C	Foreign Exchange Future	0.00072	0.00068			-5.02811	0.00000	0.00000	0
19/11/2019	¥ / R 2019/12/13	0.14	P	Foreign Exchange Future	0.00612	0.00608			-0.58914	0.00000	0.00000	0
19/11/2019	¥ / R 2020/03/16	0.15	P	Foreign Exchange Future	0.01458	0.01456			-0.12649	0.00000	0.00000	0
19/11/2019	¥ / R 2020/03/16			Foreign Exchange Future	0.13720	0.13720			0.00000	0.00000	0.00000	0
19/11/2019	¥ / R 2020/03/16	0.14	C	Foreign Exchange Future	0.00433	0.00430			-0.53534	0.00000	0.00000	0
19/11/2019	¥ / R 2020/03/16	0.14	P	Foreign Exchange Future	0.00713	0.00710			-0.32498	0.00000	0.00000	0
19/11/2019	¥ / R 2020/03/16	0.15	C	Foreign Exchange Future	0.00178	0.00176			-1.03841	0.00000	0.00000	0
19/11/2019	¥ / R 2020/03/16	0.13	C	Foreign Exchange Future	0.00935	0.00933			-0.18754	0.00000	0.00000	0
19/11/2019	¥ / R 2020/03/16	0.13	P	Foreign Exchange Future	0.00215	0.00213			-0.81498	0.00000	0.00000	0
19/11/2019	€ / R 2019/12/13	18.03	P	Foreign Exchange Future	1.27407	1.27275			-0.10376	0.00000	0.00000	0
19/11/2019	€ / R 2019/12/13	19.80	P	Foreign Exchange Future	3.03116	3.03114			-0.00052	0.00000	0.00000	0
19/11/2019	€ / R 2019/12/13	14.09	P	Foreign Exchange Future	0.00000	0.00000			0.00000	0.00000	0.00000	0
19/11/2019	€ / R 2019/12/13	15.70	P	Foreign Exchange Future	0.00627	0.00555			-11.53619	0.00000	0.00000	0
19/11/2019	€ / R 2019/12/13	13.73	C	Foreign Exchange Future	3.03890	3.03890			0.00000	0.00000	0.00000	0
19/11/2019	€ / R 2019/12/13	16.15	C	Foreign Exchange Future	0.66319	0.66050			-0.40607	0.00000	0.00000	0
19/11/2019	€ / R 2019/12/13			Foreign Exchange Future	16.76890	16.76890			0.00000	0.00000	0.00000	0
19/11/2019	€ / R 2019/12/13	18.02	C	Foreign Exchange Future	0.01333	0.01198			-10.10749	0.00000	0.00000	0
19/11/2019	€ / R 2019/12/13	18.02	P	Foreign Exchange Future	1.26443	1.26308			-0.10657	0.00000	0.00000	0
19/11/2019	€ / R 2019/12/13	14.09	C	Foreign Exchange Future	2.67890	2.67890			0.00000	0.00000	0.00000	0
19/11/2019	€ / R 2019/12/13	20.62	P	Foreign Exchange Future	3.85110	3.85110			-0.00003	0.00000	0.00000	0
19/11/2019	€ / R 2019/12/13	20.62	C	Foreign Exchange Future	0.00000	0.00000			-32.50000	0.00000	0.00000	0
19/11/2019	€ / R 2019/12/13	18.03	C	Foreign Exchange Future	0.01297	0.01165			-10.19008	0.00000	0.00000	0

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19/11/2019	€ / R 2019/12/13	15.85	P	Foreign Exchange Future	0.01283	0.01162			-9.48166	0.00000	0.00000	0
19/11/2019	€ / R 2019/12/13	19.80	C	Foreign Exchange Future	0.00006	0.00004			-26.15894	0.00000	0.00000	0
19/11/2019	€ / R 2019/12/13	15.70	C	Foreign Exchange Future	1.07517	1.07445			-0.06731	0.00000	0.00000	0
19/11/2019	€ / R 2019/12/13	19.79	P	Foreign Exchange Future	3.02116	3.02115			-0.00054	0.00000	0.00000	0
19/11/2019	€ / R 2019/12/13	13.73	P	Foreign Exchange Future	0.00000	0.00000			0.00000	0.00000	0.00000	0
19/11/2019	€ / R 2019/12/13	16.15	P	Foreign Exchange Future	0.04429	0.04160			-6.08017	0.00000	0.00000	0
19/11/2019	€ / R 2019/12/13	18.01	C	Foreign Exchange Future	0.01370	0.01233			-10.02562	0.00000	0.00000	0
19/11/2019	€ / R 2019/12/13	18.01	P	Foreign Exchange Future	1.25480	1.25343			-0.10946	0.00000	0.00000	0
19/11/2019	€ / R 2019/12/13	14.23	C	Foreign Exchange Future	2.53890	2.53890			-0.00001	0.00000	0.00000	0
19/11/2019	€ / R 2019/12/13	14.23	P	Foreign Exchange Future	0.00000	0.00000			-50.00000	0.00000	0.00000	0
19/11/2019	€ / R 2019/12/13	15.85	C	Foreign Exchange Future	0.93173	0.93052			-0.13060	0.00000	0.00000	0
19/11/2019	€ / R 2019/12/13	19.79	C	Foreign Exchange Future	0.00006	0.00005			-26.12179	0.00000	0.00000	0
19/11/2019	€ / R 2020/02/10	16.65	C	Any day expiry	0.63999	0.63737			-0.40976	0.00000	0.00000	0
19/11/2019	€ / R 2020/02/10	17.00	P	Any day expiry	0.48763	0.48479			-0.58274	0.00000	0.00000	0
19/11/2019	€ / R 2020/02/10			Any day expiry	16.97740	16.97740			0.00000	0.00000	0.00000	0
19/11/2019	€ / R 2020/02/10	17.07	P	Any day expiry	0.52772	0.52486			-0.54120	0.00000	0.00000	0
19/11/2019	€ / R 2020/02/10	17.07	C	Any day expiry	0.43512	0.43226			-0.65637	0.00000	0.00000	0
19/11/2019	€ / R 2020/02/10	16.65	P	Any day expiry	0.31259	0.30997			-0.83893	0.00000	0.00000	0
19/11/2019	€ / R 2020/02/10	16.91	P	Any day expiry	0.43854	0.43573			-0.64054	0.00000	0.00000	0
19/11/2019	€ / R 2020/02/10	17.00	C	Any day expiry	0.46503	0.46219			-0.61106	0.00000	0.00000	0
19/11/2019	€ / R 2020/02/10	16.91	C	Any day expiry	0.50594	0.50313			-0.55521	0.00000	0.00000	0
19/11/2019	€ / R 2020/03/16	18.46	C	Foreign Exchange Future	0.19071	0.18873			-1.03605	0.00000	0.00000	0
19/11/2019	€ / R 2020/03/16	18.45	P	Foreign Exchange Future	1.54599	1.54401			-0.12822	0.00000	0.00000	0
19/11/2019	€ / R 2020/03/16			Foreign Exchange Future	17.09630	17.09630			0.00000	0.00000	0.00000	0
19/11/2019	€ / R 2020/03/16	18.47	C	Foreign Exchange Future	0.18914	0.18717			-1.04115	0.00000	0.00000	0
19/11/2019	€ / R 2020/03/16	18.47	P	Foreign Exchange Future	1.56284	1.56087			-0.12600	0.00000	0.00000	0
19/11/2019	€ / R 2020/03/16	18.46	P	Foreign Exchange Future	1.55441	1.55243			-0.12711	0.00000	0.00000	0
19/11/2019	€ / R 2020/03/16	18.45	C	Foreign Exchange Future	0.19229	0.19031			-1.03089	0.00000	0.00000	0
19/11/2019	AU\$ / R 2019/12/13	10.91	P	Foreign Exchange Future	0.46930	0.46813			-0.24969	0.00000	0.00000	0
19/11/2019	AU\$ / R 2019/12/13	11.00	P	Foreign Exchange Future	0.55321	0.55236			-0.15426	0.00000	0.00000	0
19/11/2019	AU\$ / R 2019/12/13			Foreign Exchange Future	10.45630	10.45630			0.00000	0.00000	0.00000	0
19/11/2019	AU\$ / R 2019/12/13	10.90	C	Foreign Exchange Future	0.01646	0.01525			-7.35498	0.00000	0.00000	0
19/11/2019	AU\$ / R 2019/12/13	10.90	P	Foreign Exchange Future	0.46016	0.45895			-0.26308	0.00000	0.00000	0
19/11/2019	AU\$ / R 2019/12/13	10.91	C	Foreign Exchange Future	0.01560	0.01443			-7.51091	0.00000	0.00000	0
19/11/2019	AU\$ / R 2019/12/13	11.00	C	Foreign Exchange Future	0.00951	0.00866			-8.97098	0.00000	0.00000	0
19/11/2019	AU\$ / R 2019/12/13	10.89	C	Foreign Exchange Future	0.01736	0.01611			-7.19988	0.00000	0.00000	0
19/11/2019	AU\$ / R 2019/12/13	10.89	P	Foreign Exchange Future	0.45106	0.44981			-0.27710	0.00000	0.00000	0
19/11/2019	AU\$ / R 2020/03/16	11.06	C	Foreign Exchange Future	0.13307	0.13197			-0.82169	0.00000	0.00000	0
19/11/2019	AU\$ / R 2020/03/16	11.05	P	Foreign Exchange Future	0.58221	0.58111			-0.18880	0.00000	0.00000	0
19/11/2019	AU\$ / R 2020/03/16			Foreign Exchange Future	10.60320	10.60320			0.00000	0.00000	0.00000	0
19/11/2019	AU\$ / R 2020/03/16	11.07	C	Foreign Exchange Future	0.13076	0.12968			-0.83173	0.00000	0.00000	0
19/11/2019	AU\$ / R 2020/03/16	11.07	P	Foreign Exchange Future	0.59756	0.59648			-0.18201	0.00000	0.00000	0
19/11/2019	AU\$ / R 2020/03/16	11.06	P	Foreign Exchange Future	0.58987	0.58877			-0.18536	0.00000	0.00000	0
19/11/2019	AU\$ / R 2020/03/16	11.05	C	Foreign Exchange Future	0.13541	0.13431			-0.81178	0.00000	0.00000	0
19/11/2019	CAD/ R 2019/12/13	11.54	C	Foreign Exchange Future	0.01919	0.01777			-7.40403	0.00000	0.00000	0

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19/11/2019	CAD/ R 2019/12/13	11.55	P	Foreign Exchange Future	0.55804	0.55666			-0.24762	0.00000	0.00000	0
19/11/2019	CAD/ R 2019/12/13	11.53	P	Foreign Exchange Future	0.53977	0.53831			-0.27039	0.00000	0.00000	0
19/11/2019	CAD/ R 2019/12/13			Foreign Exchange Future	11.01030	11.01030			0.00000	0.00000	0.00000	0
19/11/2019	CAD/ R 2019/12/13	11.54	P	Foreign Exchange Future	0.54889	0.54746			-0.25880	0.00000	0.00000	0
19/11/2019	CAD/ R 2019/12/13	11.55	C	Foreign Exchange Future	0.01834	0.01696			-7.53546	0.00000	0.00000	0
19/11/2019	CAD/ R 2019/12/13	11.53	C	Foreign Exchange Future	0.02007	0.01861			-7.27274	0.00000	0.00000	0
19/11/2019	CAD/ R 2020/03/16	11.70	C	Foreign Exchange Future	0.15518	0.15390			-0.82495	0.00000	0.00000	0
19/11/2019	CAD/ R 2020/03/16			Foreign Exchange Future	11.16030	11.16030			0.00000	0.00000	0.00000	0
19/11/2019	CAD/ R 2020/03/16	11.68	C	Foreign Exchange Future	0.15986	0.15856			-0.80798	0.00000	0.00000	0
19/11/2019	CAD/ R 2020/03/16	11.68	P	Foreign Exchange Future	0.67956	0.67826			-0.19007	0.00000	0.00000	0
19/11/2019	CAD/ R 2020/03/16	11.70	P	Foreign Exchange Future	0.69488	0.69360			-0.18423	0.00000	0.00000	0
19/11/2019	CAD/ R 2020/03/16	11.69	C	Foreign Exchange Future	0.15750	0.15622			-0.81649	0.00000	0.00000	0
19/11/2019	CAD/ R 2020/03/16	11.69	P	Foreign Exchange Future	0.68720	0.68592			-0.18714	0.00000	0.00000	0
19/11/2019	CHF / R 2019/12/13	15.96	P	Foreign Exchange Future	1.19769	1.19656			-0.09446	0.00000	0.00000	0
19/11/2019	CHF / R 2019/12/13	15.95	C	Foreign Exchange Future	0.01112	0.00997			-10.39018	0.00000	0.00000	0
19/11/2019	CHF / R 2019/12/13			Foreign Exchange Future	14.77310	14.77310			0.00000	0.00000	0.00000	0
19/11/2019	CHF / R 2019/12/13	15.96	C	Foreign Exchange Future	0.01079	0.00966			-10.48034	0.00000	0.00000	0
19/11/2019	CHF / R 2019/12/13	15.95	P	Foreign Exchange Future	1.18802	1.18687			-0.09728	0.00000	0.00000	0
19/11/2019	CHF / R 2019/12/13	15.97	C	Foreign Exchange Future	0.01048	0.00937			-10.57219	0.00000	0.00000	0
19/11/2019	CHF / R 2019/12/13	15.97	P	Foreign Exchange Future	1.20738	1.20627			-0.09173	0.00000	0.00000	0
19/11/2019	CHF / R 2020/03/16	16.64	P	Foreign Exchange Future	1.69974	1.69809			-0.09680	0.00000	0.00000	0
19/11/2019	CHF / R 2020/03/16			Foreign Exchange Future	15.07740	15.07740			0.00000	0.00000	0.00000	0
19/11/2019	CHF / R 2020/03/16	16.63	C	Foreign Exchange Future	0.13840	0.13675			-1.19391	0.00000	0.00000	0
19/11/2019	CHF / R 2020/03/16	16.63	P	Foreign Exchange Future	1.69100	1.68935			-0.09772	0.00000	0.00000	0
19/11/2019	CHF / R 2020/03/16	16.64	C	Foreign Exchange Future	0.13714	0.13549			-1.19976	0.00000	0.00000	0
19/11/2019	CHF / R 2020/03/16	16.62	C	Foreign Exchange Future	0.13968	0.13802			-1.18814	0.00000	0.00000	0
19/11/2019	CHF / R 2020/03/16	16.62	P	Foreign Exchange Future	1.68228	1.68062			-0.09865	0.00000	0.00000	0
19/11/2019	CNH / R 2019/12/13	2.11	P	Foreign Exchange Future	0.00283	0.00260			-8.01792	0.00000	0.00000	0
19/11/2019	CNH / R 2019/12/13	2.10	C	Foreign Exchange Future	0.11674	0.11656			-0.15617	0.00000	0.00000	0
19/11/2019	CNH / R 2019/12/13			Foreign Exchange Future	2.21470	2.21470			0.00000	0.00000	0.00000	0
19/11/2019	CNH / R 2019/12/13	2.11	C	Foreign Exchange Future	0.10753	0.10730			-0.21093	0.00000	0.00000	0
19/11/2019	CNH / R 2019/12/13	2.10	P	Foreign Exchange Future	0.00204	0.00186			-8.93178	0.00000	0.00000	0
19/11/2019	CNH / R 2019/12/13	2.12	C	Foreign Exchange Future	0.09855	0.09827			-0.27983	0.00000	0.00000	0
19/11/2019	CNH / R 2019/12/13	2.12	P	Foreign Exchange Future	0.00385	0.00357			-7.17085	0.00000	0.00000	0
19/11/2019	DKK / R 2019/12/13	2.54	P	Foreign Exchange Future	0.29053	0.29052			-0.00220	0.00000	0.00000	0
19/11/2019	DKK / R 2019/12/13			Foreign Exchange Future	2.24950	2.24950			0.00000	0.00000	0.00000	0
19/11/2019	DKK / R 2019/12/13	2.54	C	Foreign Exchange Future	0.00003	0.00002			-21.98557	0.00000	0.00000	0
19/11/2019	DKK / R 2019/12/13	2.55	C	Foreign Exchange Future	0.00002	0.00002			-22.94847	0.00000	0.00000	0
19/11/2019	DKK / R 2019/12/13	2.53	P	Foreign Exchange Future	0.28054	0.28053			-0.00303	0.00000	0.00000	0
19/11/2019	DKK / R 2019/12/13	2.55	P	Foreign Exchange Future	0.30052	0.30052			-0.00160	0.00000	0.00000	0
19/11/2019	DKK / R 2019/12/13	2.53	C	Foreign Exchange Future	0.00004	0.00003			-21.09317	0.00000	0.00000	0
19/11/2019	DKK / R 2020/03/16	2.61	C	Foreign Exchange Future	0.00723	0.00710			-1.77335	0.00000	0.00000	0
19/11/2019	DKK / R 2020/03/16	2.60	P	Foreign Exchange Future	0.31283	0.31269			-0.04305	0.00000	0.00000	0
19/11/2019	DKK / R 2020/03/16			Foreign Exchange Future	2.29500	2.29500			0.00000	0.00000	0.00000	0
19/11/2019	DKK / R 2020/03/16	2.62	C	Foreign Exchange Future	0.00668	0.00656			-1.82631	0.00000	0.00000	0



Deal Date	Contract Details	Strike	Call/ Put	Product	Previous Close Price	Today Close Price	Spot Rate	ZAR Converted Amount	% Movement In MTM	Today's High	Today's Low	Open Interest
19/11/2019	DKK / R 2020/03/16	2.62	P	Foreign Exchange Future	0.33168	0.33156			-0.03677	0.00000	0.00000	0
19/11/2019	DKK / R 2020/03/16	2.61	P	Foreign Exchange Future	0.32223	0.32210			-0.03979	0.00000	0.00000	0
19/11/2019	DKK / R 2020/03/16	2.60	C	Foreign Exchange Future	0.00783	0.00769			-1.72053	0.00000	0.00000	0
19/11/2019	HK\$/R 2019/12/13	1.84	C	Foreign Exchange Future	0.05904	0.05858			-0.78694	0.00000	0.00000	0
19/11/2019	HK\$/R 2019/12/13	1.83	P	Foreign Exchange Future	0.00842	0.00801			-4.89099	0.00000	0.00000	0
19/11/2019	HK\$/R 2019/12/13			Foreign Exchange Future	1.88810	1.88810			0.00000	0.00000	0.00000	0
19/11/2019	HK\$/R 2019/12/13	1.85	C	Foreign Exchange Future	0.05205	0.05153			-0.98342	0.00000	0.00000	0
19/11/2019	HK\$/R 2019/12/13	1.85	P	Foreign Exchange Future	0.01395	0.01343			-3.67008	0.00000	0.00000	0
19/11/2019	HK\$/R 2019/12/13	1.84	P	Foreign Exchange Future	0.01094	0.01048			-4.24608	0.00000	0.00000	0
19/11/2019	HK\$/R 2019/12/13	1.83	C	Foreign Exchange Future	0.06652	0.06611			-0.61937	0.00000	0.00000	0
19/11/2019	KES / R 2019/12/13			Foreign Exchange Future	0.13910	0.13910			0.00000	0.00000	0.00000	0
19/11/2019	KES / R 2020/03/16			Foreign Exchange Future	0.13910	0.13910			0.00000	0.00000	0.00000	0
19/11/2019	NOK/R 2019/12/13			Foreign Exchange Future	1.71570	1.71570			0.00000	0.00000	0.00000	0
19/11/2019	NZ\$ / R 2019/12/13	10.35	P	Foreign Exchange Future	0.48390	0.48269			-0.25096	0.00000	0.00000	0
19/11/2019	NZ\$ / R 2019/12/13			Foreign Exchange Future	9.88230	9.88230			0.00000	0.00000	0.00000	0
19/11/2019	NZ\$ / R 2019/12/13	10.35	C	Foreign Exchange Future	0.01620	0.01499			-7.49523	0.00000	0.00000	0
19/11/2019	NZ\$ / R 2019/12/13	10.34	P	Foreign Exchange Future	0.47477	0.47351			-0.26402	0.00000	0.00000	0
19/11/2019	NZ\$ / R 2019/12/13	10.36	C	Foreign Exchange Future	0.01538	0.01420			-7.64833	0.00000	0.00000	0
19/11/2019	NZ\$ / R 2019/12/13	10.36	P	Foreign Exchange Future	0.49308	0.49190			-0.23850	0.00000	0.00000	0
19/11/2019	NZ\$ / R 2019/12/13	10.34	C	Foreign Exchange Future	0.01707	0.01581			-7.34415	0.00000	0.00000	0
19/11/2019	NZ\$ / R 2020/03/16	10.52	C	Foreign Exchange Future	0.12795	0.12685			-0.85869	0.00000	0.00000	0
19/11/2019	NZ\$ / R 2020/03/16	10.53	P	Foreign Exchange Future	0.64171	0.64062			-0.17028	0.00000	0.00000	0
19/11/2019	NZ\$ / R 2020/03/16			Foreign Exchange Future	10.01410	10.01410			0.00000	0.00000	0.00000	0
19/11/2019	NZ\$ / R 2020/03/16	10.52	P	Foreign Exchange Future	0.63385	0.63275			-0.17334	0.00000	0.00000	0
19/11/2019	NZ\$ / R 2020/03/16	10.53	C	Foreign Exchange Future	0.12581	0.12472			-0.86852	0.00000	0.00000	0
19/11/2019	NZ\$ / R 2020/03/16	10.51	C	Foreign Exchange Future	0.13013	0.12902			-0.84886	0.00000	0.00000	0
19/11/2019	NZ\$ / R 2020/03/16	10.51	P	Foreign Exchange Future	0.62603	0.62492			-0.17645	0.00000	0.00000	0
19/11/2019	PULA / R 2019/12/13	1.35	P	Foreign Exchange Future	0.00000	0.00000			0.00000	0.00000	0.00000	0
19/11/2019	PULA / R 2019/12/13			Foreign Exchange Future	1.35080	1.35080			0.00000	0.00000	0.00000	0
19/11/2019	PULA / R 2019/12/13	1.34	C	Foreign Exchange Future	0.01080	0.01080			0.00000	0.00000	0.00000	0
19/11/2019	PULA / R 2019/12/13	1.34	P	Foreign Exchange Future	0.00000	0.00000			0.00000	0.00000	0.00000	0
19/11/2019	PULA / R 2019/12/13	1.35	C	Foreign Exchange Future	0.00080	0.00080			0.00000	0.00000	0.00000	0
19/11/2019	PULA / R 2019/12/13	1.33	C	Foreign Exchange Future	0.02080	0.02080			0.00000	0.00000	0.00000	0
19/11/2019	PULA / R 2019/12/13	1.33	P	Foreign Exchange Future	0.00000	0.00000			0.00000	0.00000	0.00000	0
19/11/2019	QUANTO £ / \$ 2019/12/13			Foreign Exchange Future	1.30630	1.30630			0.00000	0.00000	0.00000	0
19/11/2019	QUANTO £ / \$ 2020/03/16			Foreign Exchange Future	1.31150	1.31150			0.00000	0.00000	0.00000	0
19/11/2019	QUANTO € / \$ 2019/12/13			Foreign Exchange Future	1.13670	1.13670			0.00000	0.00000	0.00000	0
19/11/2019	QUANTO € / \$ 2020/03/16			Foreign Exchange Future	1.14540	1.14540			0.00000	0.00000	0.00000	0
19/11/2019	SGD / R 2019/12/13	10.67	P	Foreign Exchange Future	0.06064	0.05824			-3.96478	0.00000	0.00000	0
19/11/2019	SGD / R 2019/12/13	10.66	C	Foreign Exchange Future	0.28146	0.27910			-0.83777	0.00000	0.00000	0
19/11/2019	SGD / R 2019/12/13			Foreign Exchange Future	10.88370	10.88370			0.00000	0.00000	0.00000	0
19/11/2019	SGD / R 2019/12/13	10.67	C	Foreign Exchange Future	0.27434	0.27194			-0.87642	0.00000	0.00000	0
19/11/2019	SGD / R 2019/12/13	10.66	P	Foreign Exchange Future	0.05776	0.05540			-4.08225	0.00000	0.00000	0
19/11/2019	SGD / R 2019/12/13	10.68	C	Foreign Exchange Future	0.26732	0.26487			-0.91634	0.00000	0.00000	0
19/11/2019	SGD / R 2019/12/13	10.68	P	Foreign Exchange Future	0.06362	0.06117			-3.85011	0.00000	0.00000	0

Deal Date	Contract Details	Strike	Call/ Put	Product	Previous Close Price	Today Close Price	Spot Rate	ZAR Converted Amount	% Movement In MTM	Today's High	Today's Low	Open Interest
19/11/2019	TRY / R 2019/12/13	2.30	C	Foreign Exchange Future	0.00776	0.00724			-6.69391	0.00000	0.00000	0
19/11/2019	TRY / R 2019/12/13	2.28	P	Foreign Exchange Future	0.14067	0.14006			-0.43412	0.00000	0.00000	0
19/11/2019	TRY / R 2019/12/13			Foreign Exchange Future	2.14970	2.14970			0.00000	0.00000	0.00000	0
19/11/2019	TRY / R 2019/12/13	2.30	P	Foreign Exchange Future	0.15806	0.15754			-0.32855	0.00000	0.00000	0
19/11/2019	TRY / R 2019/12/13	2.28	C	Foreign Exchange Future	0.01037	0.00976			-5.88689	0.00000	0.00000	0
19/11/2019	TRY / R 2019/12/13	2.29	P	Foreign Exchange Future	0.14929	0.14872			-0.37827	0.00000	0.00000	0
19/11/2019	TRY / R 2019/12/13	2.29	C	Foreign Exchange Future	0.00899	0.00842			-6.28401	0.00000	0.00000	0

**Future Open Interest**

**0**

**Option Open Interest**

**0**

**Total**

**0**