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## CURRENCY DERIVATIVES

## CURRENCY FUTURES AND OPTIONS HIGH/LOW

HIGH/LOW FROM: 21/11/2019 TO 21/11/2019

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
21/11/2019	\$ / R 2019/11/29	14.25	P	Any day expiry	0.01131	0.00875			-22.56315	0.00000	0.00000	0
21/11/2019	\$ / R 2019/11/29	13.00	C	Any day expiry	1.72710	1.72710			0.00000	0.00000	0.00000	0
21/11/2019	\$ / R 2019/11/29			Any day expiry	14.72710	14.72710			0.00000	0.00000	0.00000	0
21/11/2019	\$ / R 2019/11/29	14.20	C	Any day expiry	0.53487	0.53291			-0.36589	0.00000	0.00000	0
21/11/2019	\$ / R 2019/11/29	14.25	C	Any day expiry	0.48841	0.48585			-0.52229	0.00000	0.00000	0
21/11/2019	\$ / R 2019/11/29	13.00	P	Any day expiry	0.00000	0.00000			0.00000	0.00000	0.00000	0
21/11/2019	\$ / R 2019/11/29	14.20	P	Any day expiry	0.00777	0.00581			-25.20251	0.00000	0.00000	0
21/11/2019	\$ / R 2019/11/29	17.26	P	Any day expiry	2.53290	2.53290			0.00000	0.00000	0.00000	0
21/11/2019	\$ / R 2019/11/29	17.26	C	Any day expiry	0.00000	0.00000			0.00000	0.00000	0.00000	0
21/11/2019	\$ / R 2019/11/29	16.87	P	Any day expiry	2.14290	2.14290			-0.00001	0.00000	0.00000	0
21/11/2019	\$ / R 2019/11/29	16.87	C	Any day expiry	0.00000	0.00000			-100.00000	0.00000	0.00000	0
21/11/2019	\$ / R 2019/11/29	16.03	P	Any day expiry	1.30301	1.30295			-0.00463	0.00000	0.00000	0
21/11/2019	\$ / R 2019/11/29	16.03	C	Any day expiry	0.00011	0.00005			-52.94118	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/02	13.44	C	Any day expiry	1.29251	1.29251			-0.00043	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/02			Any day expiry	14.73250	14.73250			0.00000	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/02	13.44	P	Any day expiry	0.00001	0.00001			-51.40187	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/04	14.84	P	Any day expiry	0.23570	0.22937			-2.68715	0.00000	0.00000	0
21/11/2019	\$ / 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
21/11/2019	\$ / R 2019/12/04	14.84	C	Any day expiry	0.13190	0.12557			-4.80185	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	13.03	P	Foreign Exchange Future	0.00002	0.00001			-29.46860	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	14.12	P	Foreign Exchange Future	0.02909	0.02690			-7.52090	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	16.55	P	Foreign Exchange Future	1.79875	1.79850			-0.01356	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	16.13	C	Foreign Exchange Future	0.00542	0.00469			-13.56870	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	16.37	C	Foreign Exchange Future	0.00248	0.00208			-16.13762	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	14.08	P	Foreign Exchange Future	0.02433	0.02237			-8.04584	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	12.87	C	Foreign Exchange Future	1.88260	1.88260			-0.00008	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	13.94	C	Foreign Exchange Future	0.82505	0.82379			-0.15180	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	14.41	P	Foreign Exchange Future	0.08779	0.08388			-4.44994	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	13.80	C	Foreign Exchange Future	0.95854	0.95781			-0.07656	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	13.00	P	Foreign Exchange Future	0.00002	0.00001			-30.37975	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	16.85	P	Foreign Exchange Future	2.09788	2.09777			-0.00487	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	17.38	C	Foreign Exchange Future	0.00007	0.00005			-27.27273	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	15.81	C	Foreign Exchange Future	0.01458	0.01307			-10.32158	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	15.80	P	Foreign Exchange Future	1.06242	1.06089			-0.14458	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13			Foreign Exchange Future	14.75260	14.75260			0.00000	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	16.55	C	Foreign Exchange Future	0.00135	0.00110			-18.12574	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	14.11	C	Foreign Exchange Future	0.67044	0.66831			-0.31760	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	14.11	P	Foreign Exchange Future	0.02784	0.02571			-7.64945	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	13.94	P	Foreign Exchange Future	0.01245	0.01119			-10.06259	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	17.02	P	Foreign Exchange Future	2.26766	2.26760			-0.00269	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	17.02	C	Foreign Exchange Future	0.00026	0.00020			-23.36270	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	14.00	C	Foreign Exchange Future	0.76925	0.76772			-0.19857	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	14.00	P	Foreign Exchange Future	0.01665	0.01512			-9.17621	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	16.25	P	Foreign Exchange Future	1.50110	1.50055			-0.03655	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	16.25	C	Foreign Exchange Future	0.00370	0.00315			-14.82823	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	11.89	C	Foreign Exchange Future	2.86260	2.86260			0.00000	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	11.89	P	Foreign Exchange Future	0.00000	0.00000			0.00000	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	13.66	C	Foreign Exchange Future	1.09519	1.09480			-0.03535	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	13.66	P	Foreign Exchange Future	0.00259	0.00220			-14.93960	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	15.82	C	Foreign Exchange Future	0.01415	0.01267			-10.42027	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	15.82	P	Foreign Exchange Future	1.08155	1.08007			-0.13629	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	13.03	C	Foreign Exchange Future	1.72262	1.72261			-0.00035	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	14.12	C	Foreign Exchange Future	0.66169	0.65950			-0.33064	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	16.99	P	Foreign Exchange Future	2.23769	2.23762			-0.00299	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	16.13	P	Foreign Exchange Future	1.38282	1.38209			-0.05320	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	16.37	P	Foreign Exchange Future	1.61988	1.61948			-0.02470	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	14.08	C	Foreign Exchange Future	0.69693	0.69497			-0.28083	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	16.35	P	Foreign Exchange Future	1.60005	1.59963			-0.02637	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	12.87	P	Foreign Exchange Future	0.00000	0.00000			-34.04255	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	14.41	C	Foreign Exchange Future	0.43039	0.42648			-0.90765	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	13.80	P	Foreign Exchange Future	0.00594	0.00521			-12.34732	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	13.00	C	Foreign Exchange Future	1.75262	1.75261			-0.00027	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	16.85	C	Foreign Exchange Future	0.00048	0.00037			-21.48569	0.00000	0.00000	0

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21/11/2019	\$ / R 2019/12/13	17.38	P	Foreign Exchange Future	2.62747	2.62745			-0.00075	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	15.81	P	Foreign Exchange Future	1.07198	1.07047			-0.14037	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	15.80	C	Foreign Exchange Future	0.01502	0.01349			-10.22432	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	16.99	C	Foreign Exchange Future	0.00029	0.00022			-23.01068	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	14.10	C	Foreign Exchange Future	0.67922	0.67715			-0.30497	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	14.10	P	Foreign Exchange Future	0.02662	0.02455			-7.77994	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	16.35	C	Foreign Exchange Future	0.00265	0.00223			-15.91552	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	16.20	P	Foreign Exchange Future	1.45174	1.45112			-0.04276	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	16.20	C	Foreign Exchange Future	0.00434	0.00372			-14.30151	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	14.07	C	Foreign Exchange Future	0.70584	0.70394			-0.26933	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	14.07	P	Foreign Exchange Future	0.02324	0.02134			-8.18120	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	20.00	P	Foreign Exchange Future	5.24740	5.24740			0.00000	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/13	20.00	C	Foreign Exchange Future	0.00000	0.00000			0.00000	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/31	17.44	P	Any day expiry	2.65633	2.65615			-0.00695	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/31	16.21	P	Any day expiry	1.44798	1.44667			-0.09024	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/31			Any day expiry	14.78540	14.78540			0.00000	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/31	14.20	P	Any day expiry	0.08124	0.07879			-3.01971	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/31	17.44	C	Any day expiry	0.00173	0.00155			-10.67052	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/31	17.05	C	Any day expiry	0.00399	0.00363			-9.01871	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/31	16.21	C	Any day expiry	0.02338	0.02207			-5.58947	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/31	14.20	C	Any day expiry	0.66664	0.66419			-0.36799	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/31	17.05	P	Any day expiry	2.26859	2.26823			-0.01587	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/31	14.25	C	Any day expiry	0.62878	0.62615			-0.41717	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/31	14.25	P	Any day expiry	0.09338	0.09075			-2.80913	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/31	13.00	P	Any day expiry	0.00050	0.00044			-12.10077	0.00000	0.00000	0
21/11/2019	\$ / R 2019/12/31	13.00	C	Any day expiry	1.78590	1.78584			-0.00342	0.00000	0.00000	0
21/11/2019	\$ / R 2020/01/02			Any day expiry	14.78910	14.78910			0.00000	0.00000	0.00000	0
21/11/2019	\$ / R 2020/01/02	13.49	P	Any day expiry	0.00716	0.00666			-6.87516	0.00000	0.00000	0
21/11/2019	\$ / R 2020/01/02	13.49	C	Any day expiry	1.30626	1.30576			-0.03766	0.00000	0.00000	0
21/11/2019	\$ / R 2020/01/31	13.54	P	Any day expiry	0.02814	0.02730			-2.97487	0.00000	0.00000	0
21/11/2019	\$ / R 2020/01/31			Any day expiry	14.84240	14.84240			0.00000	0.00000	0.00000	0
21/11/2019	\$ / R 2020/01/31	13.54	C	Any day expiry	1.33054	1.32970			-0.06291	0.00000	0.00000	0
21/11/2019	\$ / R 2020/02/28			Any day expiry	14.89510	14.89510			0.00000	0.00000	0.00000	0
21/11/2019	\$ / R 2020/02/28	14.78	P	Any day expiry	0.42400	0.42161			-0.56379	0.00000	0.00000	0
21/11/2019	\$ / R 2020/02/28	14.78	C	Any day expiry	0.53910	0.53671			-0.44342	0.00000	0.00000	0
21/11/2019	\$ / R 2020/03/02			Any day expiry	14.90060	14.90060			0.00000	0.00000	0.00000	0
21/11/2019	\$ / R 2020/03/02	13.59	P	Any day expiry	0.05794	0.05696			-1.70511	0.00000	0.00000	0
21/11/2019	\$ / R 2020/03/02	13.59	C	Any day expiry	1.36854	1.36756			-0.07219	0.00000	0.00000	0
21/11/2019	\$ / R 2020/03/16	13.19	P	Foreign Exchange Future	0.02696	0.02642			-1.99760	0.00000	0.00000	0
21/11/2019	\$ / R 2020/03/16	14.51	P	Foreign Exchange Future	0.32098	0.31895			-0.63328	0.00000	0.00000	0
21/11/2019	\$ / R 2020/03/16	16.81	C	Foreign Exchange Future	0.09987	0.09845			-1.42275	0.00000	0.00000	0
21/11/2019	\$ / R 2020/03/16	14.40	C	Foreign Exchange Future	0.80166	0.79972			-0.24142	0.00000	0.00000	0
21/11/2019	\$ / R 2020/03/16	16.60	P	Foreign Exchange Future	1.79509	1.79352			-0.08732	0.00000	0.00000	0
21/11/2019	\$ / R 2020/03/16	17.73	C	Foreign Exchange Future	0.04367	0.04280			-1.99522	0.00000	0.00000	0
21/11/2019	\$ / R 2020/03/16	15.61	C	Foreign Exchange Future	0.29303	0.29085			-0.74369	0.00000	0.00000	0

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21/11/2019	\$ / R 2020/03/16	14.01	P	Foreign Exchange Future	0.15104	0.14953			-1.00008	0.00000	0.00000	0
21/11/2019	\$ / R 2020/03/16	15.63	C	Foreign Exchange Future	0.28788	0.28571			-0.75392	0.00000	0.00000	0
21/11/2019	\$ / R 2020/03/16			Foreign Exchange Future	14.92590	14.92590			0.00000	0.00000	0.00000	0
21/11/2019	\$ / R 2020/03/16	14.51	C	Foreign Exchange Future	0.73688	0.73485			-0.27585	0.00000	0.00000	0
21/11/2019	\$ / R 2020/03/16	13.06	C	Foreign Exchange Future	1.88461	1.88419			-0.02209	0.00000	0.00000	0
21/11/2019	\$ / R 2020/03/16	13.06	P	Foreign Exchange Future	0.01871	0.01829			-2.22507	0.00000	0.00000	0
21/11/2019	\$ / R 2020/03/16	15.61	P	Foreign Exchange Future	0.97713	0.97495			-0.22302	0.00000	0.00000	0
21/11/2019	\$ / R 2020/03/16	11.91	C	Foreign Exchange Future	3.01608	3.01607			-0.00032	0.00000	0.00000	0
21/11/2019	\$ / R 2020/03/16	11.91	P	Foreign Exchange Future	0.00018	0.00017			-5.33333	0.00000	0.00000	0
21/11/2019	\$ / R 2020/03/16	13.19	C	Foreign Exchange Future	1.76286	1.76232			-0.03055	0.00000	0.00000	0
21/11/2019	\$ / R 2020/03/16	16.81	P	Foreign Exchange Future	1.98397	1.98255			-0.07162	0.00000	0.00000	0
21/11/2019	\$ / R 2020/03/16	14.40	P	Foreign Exchange Future	0.27576	0.27382			-0.70185	0.00000	0.00000	0
21/11/2019	\$ / R 2020/03/16	16.60	C	Foreign Exchange Future	0.12099	0.11942			-1.29560	0.00000	0.00000	0
21/11/2019	\$ / R 2020/03/16	17.73	P	Foreign Exchange Future	2.84777	2.84690			-0.03060	0.00000	0.00000	0
21/11/2019	\$ / R 2020/03/16	14.01	C	Foreign Exchange Future	1.06694	1.06543			-0.14157	0.00000	0.00000	0
21/11/2019	\$ / R 2020/03/16	15.63	P	Foreign Exchange Future	0.99198	0.98981			-0.21879	0.00000	0.00000	0
21/11/2019	\$ / R 2020/03/16	14.66	C	Foreign Exchange Future	0.65506	0.65292			-0.32682	0.00000	0.00000	0
21/11/2019	\$ / R 2020/03/16	14.66	P	Foreign Exchange Future	0.38916	0.38702			-0.55013	0.00000	0.00000	0
21/11/2019	\$ / R 2020/03/16	17.04	P	Foreign Exchange Future	2.19511	2.19384			-0.05772	0.00000	0.00000	0
21/11/2019	\$ / R 2020/03/16	17.04	C	Foreign Exchange Future	0.08101	0.07974			-1.56403	0.00000	0.00000	0
21/11/2019	\$ / R 2020/03/16	17.88	P	Foreign Exchange Future	2.99239	2.99159			-0.02673	0.00000	0.00000	0
21/11/2019	\$ / R 2020/03/16	17.88	C	Foreign Exchange Future	0.03829	0.03749			-2.08916	0.00000	0.00000	0
21/11/2019	\$ / R 2020/03/16	13.78	C	Foreign Exchange Future	1.24676	1.24553			-0.09865	0.00000	0.00000	0
21/11/2019	\$ / R 2020/03/16	13.78	P	Foreign Exchange Future	0.10086	0.09963			-1.21939	0.00000	0.00000	0
21/11/2019	\$ / R 2020/03/16	12.96	C	Foreign Exchange Future	1.97975	1.97942			-0.01690	0.00000	0.00000	0
21/11/2019	\$ / R 2020/03/16	12.96	P	Foreign Exchange Future	0.01385	0.01352			-2.41527	0.00000	0.00000	0
21/11/2019	\$ / R 2020/03/16	15.62	C	Foreign Exchange Future	0.29044	0.28827			-0.74879	0.00000	0.00000	0
21/11/2019	\$ / R 2020/03/16	15.62	P	Foreign Exchange Future	0.98454	0.98237			-0.22089	0.00000	0.00000	0
21/11/2019	\$ / R 2020/04/02	13.64	C	Any day expiry	1.40893	1.40788			-0.07451	0.00000	0.00000	0
21/11/2019	\$ / R 2020/04/02			Any day expiry	14.95720	14.95720			0.00000	0.00000	0.00000	0
21/11/2019	\$ / R 2020/04/02	13.64	P	Any day expiry	0.09173	0.09068			-1.14451	0.00000	0.00000	0
21/11/2019	\$ / R 2020/04/29			Any day expiry	15.00870	15.00870			0.00000	0.00000	0.00000	0
21/11/2019	\$ / R 2020/04/29	13.69	P	Any day expiry	0.12303	0.12196			-0.87005	0.00000	0.00000	0
21/11/2019	\$ / R 2020/04/29	13.69	C	Any day expiry	1.44173	1.44066			-0.07424	0.00000	0.00000	0
21/11/2019	\$ / R 2020/06/02	13.74	P	Any day expiry	0.16104	0.15997			-0.66252	0.00000	0.00000	0
21/11/2019	\$ / R 2020/06/02			Any day expiry	15.07600	15.07600			0.00000	0.00000	0.00000	0
21/11/2019	\$ / R 2020/06/02	13.74	C	Any day expiry	1.49704	1.49597			-0.07127	0.00000	0.00000	0
21/11/2019	\$ / R 2020/06/12	11.90	C	Foreign Exchange Future	3.20038	3.20029			-0.00273	0.00000	0.00000	0
21/11/2019	\$ / R 2020/06/12	14.25	C	Foreign Exchange Future	1.16286	1.16146			-0.12027	0.00000	0.00000	0
21/11/2019	\$ / R 2020/06/12	15.17	P	Foreign Exchange Future	0.76510	0.76333			-0.23170	0.00000	0.00000	0
21/11/2019	\$ / R 2020/06/12			Foreign Exchange Future	15.09580	15.09580			0.00000	0.00000	0.00000	0
21/11/2019	\$ / R 2020/06/12	14.25	P	Foreign Exchange Future	0.31706	0.31566			-0.44111	0.00000	0.00000	0
21/11/2019	\$ / R 2020/06/12	17.26	P	Foreign Exchange Future	2.36443	2.36306			-0.05797	0.00000	0.00000	0
21/11/2019	\$ / R 2020/06/12	17.26	C	Foreign Exchange Future	0.20023	0.19886			-0.68451	0.00000	0.00000	0
21/11/2019	\$ / R 2020/06/12	15.17	C	Foreign Exchange Future	0.69090	0.68913			-0.25658	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
21/11/2019	\$ / R 2020/06/12	11.90	P	Foreign Exchange Future	0.00458	0.00449			-1.91102	0.00000	0.00000	0
21/11/2019	\$ / R 2020/06/12	15.18	C	Foreign Exchange Future	0.68684	0.68507			-0.25830	0.00000	0.00000	0
21/11/2019	\$ / R 2020/06/12	15.16	P	Foreign Exchange Future	0.75918	0.75741			-0.23331	0.00000	0.00000	0
21/11/2019	\$ / R 2020/06/12	15.18	P	Foreign Exchange Future	0.77104	0.76927			-0.23009	0.00000	0.00000	0
21/11/2019	\$ / R 2020/06/12	15.16	C	Foreign Exchange Future	0.69498	0.69321			-0.25486	0.00000	0.00000	0
21/11/2019	\$ / R 2020/07/28			Any day expiry	15.18680	15.18680			0.00000	0.00000	0.00000	0
21/11/2019	\$ / R 2020/07/28	15.37	P	Any day expiry	0.92193	0.92029			-0.17793	0.00000	0.00000	0
21/11/2019	\$ / R 2020/07/28	15.37	C	Any day expiry	0.73873	0.73709			-0.22206	0.00000	0.00000	0
21/11/2019	\$ / R 2020/09/14	15.35	P	Foreign Exchange Future	0.94078	0.93927			-0.16073	0.00000	0.00000	0
21/11/2019	\$ / R 2020/09/14	15.34	C	Foreign Exchange Future	0.87519	0.87367			-0.17263	0.00000	0.00000	0
21/11/2019	\$ / R 2020/09/14			Foreign Exchange Future	15.28040	15.28040			0.00000	0.00000	0.00000	0
21/11/2019	\$ / R 2020/09/14	15.35	C	Foreign Exchange Future	0.87118	0.86967			-0.17357	0.00000	0.00000	0
21/11/2019	\$ / R 2020/09/14	15.34	P	Foreign Exchange Future	0.93479	0.93327			-0.16162	0.00000	0.00000	0
21/11/2019	\$ / R 2020/09/14	15.36	C	Foreign Exchange Future	0.86719	0.86568			-0.17451	0.00000	0.00000	0
21/11/2019	\$ / R 2020/09/14	15.36	P	Foreign Exchange Future	0.94679	0.94528			-0.15983	0.00000	0.00000	0
21/11/2019	\$ / R MAXI 2019/12/13	14.02	P	Foreign Exchange Future	0.01835	0.01672			-8.88328	0.00000	0.00000	0
21/11/2019	\$ / R MAXI 2019/12/13	14.01	C	Foreign Exchange Future	0.76008	0.75850			-0.20765	0.00000	0.00000	0
21/11/2019	\$ / R MAXI 2019/12/13			Foreign Exchange Future	14.75260	14.75260			0.00000	0.00000	0.00000	0
21/11/2019	\$ / R MAXI 2019/12/13	14.02	C	Foreign Exchange Future	0.75095	0.74932			-0.21709	0.00000	0.00000	0
21/11/2019	\$ / R MAXI 2019/12/13	14.01	P	Foreign Exchange Future	0.01748	0.01590			-9.02892	0.00000	0.00000	0
21/11/2019	\$ / R MAXI 2019/12/13	14.03	C	Foreign Exchange Future	0.74186	0.74017			-0.22685	0.00000	0.00000	0
21/11/2019	\$ / R MAXI 2019/12/13	14.03	P	Foreign Exchange Future	0.01926	0.01757			-8.73944	0.00000	0.00000	0
21/11/2019	\$ / R MAXI 2020/03/16	14.68	C	Foreign Exchange Future	0.64472	0.64256			-0.33396	0.00000	0.00000	0
21/11/2019	\$ / R MAXI 2020/03/16	14.69	P	Foreign Exchange Future	0.40369	0.40153			-0.53481	0.00000	0.00000	0
21/11/2019	\$ / R MAXI 2020/03/16			Foreign Exchange Future	14.92590	14.92590			0.00000	0.00000	0.00000	0
21/11/2019	\$ / R MAXI 2020/03/16	14.68	P	Foreign Exchange Future	0.39882	0.39666			-0.53987	0.00000	0.00000	0
21/11/2019	\$ / R MAXI 2020/03/16	14.69	C	Foreign Exchange Future	0.63959	0.63743			-0.33756	0.00000	0.00000	0
21/11/2019	\$ / R MAXI 2020/03/16	14.67	C	Foreign Exchange Future	0.64987	0.64773			-0.33038	0.00000	0.00000	0
21/11/2019	\$ / R MAXI 2020/03/16	14.67	P	Foreign Exchange Future	0.39397	0.39183			-0.54498	0.00000	0.00000	0
21/11/2019	£ / R 2019/12/13	19.96	C	Foreign Exchange Future	0.06936	0.06522			-5.95674	0.00000	0.00000	0
21/11/2019	£ / R 2019/12/13	19.95	P	Foreign Exchange Future	0.74988	0.74570			-0.55729	0.00000	0.00000	0
21/11/2019	£ / R 2019/12/13			Foreign Exchange Future	19.27110	19.27110			0.00000	0.00000	0.00000	0
21/11/2019	£ / R 2019/12/13	19.97	C	Foreign Exchange Future	0.06776	0.06368			-6.02613	0.00000	0.00000	0
21/11/2019	£ / R 2019/12/13	19.97	P	Foreign Exchange Future	0.76666	0.76258			-0.53264	0.00000	0.00000	0
21/11/2019	£ / R 2019/12/13	19.96	P	Foreign Exchange Future	0.75826	0.75412			-0.54484	0.00000	0.00000	0
21/11/2019	£ / R 2019/12/13	19.95	C	Foreign Exchange Future	0.07098	0.06680			-5.88786	0.00000	0.00000	0
21/11/2019	£ / R 2019/12/13	18.75	C	Foreign Exchange Future	0.60754	0.60313			-0.72535	0.00000	0.00000	0
21/11/2019	£ / R 2019/12/13	18.75	P	Foreign Exchange Future	0.08644	0.08203			-5.09808	0.00000	0.00000	0
21/11/2019	£ / R 2019/12/13	22.13	P	Foreign Exchange Future	2.85901	2.85898			-0.00105	0.00000	0.00000	0
21/11/2019	£ / R 2019/12/13	22.13	C	Foreign Exchange Future	0.00011	0.00008			-26.29727	0.00000	0.00000	0
21/11/2019	£ / R 2020/03/16	19.00	P	Foreign Exchange Future	0.38678	0.38424			-0.65606	0.00000	0.00000	0
21/11/2019	£ / R 2020/03/16	20.31	C	Foreign Exchange Future	0.38076	0.37808			-0.70416	0.00000	0.00000	0
21/11/2019	£ / R 2020/03/16			Foreign Exchange Future	19.57520	19.57520			0.00000	0.00000	0.00000	0
21/11/2019	£ / R 2020/03/16	20.29	C	Foreign Exchange Future	0.38667	0.38398			-0.69574	0.00000	0.00000	0
21/11/2019	£ / R 2020/03/16	20.29	P	Foreign Exchange Future	1.10147	1.09878			-0.24424	0.00000	0.00000	0

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21/11/2019	£ / R 2020/03/16	19.00	C	Foreign Exchange Future	0.96198	0.95944			-0.26378	0.00000	0.00000	0
21/11/2019	£ / R 2020/03/16	20.31	P	Foreign Exchange Future	1.11556	1.11288			-0.24034	0.00000	0.00000	0
21/11/2019	£ / R 2020/03/16	20.30	C	Foreign Exchange Future	0.38371	0.38102			-0.69996	0.00000	0.00000	0
21/11/2019	£ / R 2020/03/16	20.30	P	Foreign Exchange Future	1.10851	1.10582			-0.24229	0.00000	0.00000	0
21/11/2019	£ / R 2020/06/12	20.01	P	Foreign Exchange Future	0.98980	0.98758			-0.22487	0.00000	0.00000	0
21/11/2019	£ / R 2020/06/12			Foreign Exchange Future	19.86290	19.86290			0.00000	0.00000	0.00000	0
21/11/2019	£ / R 2020/06/12	20.00	C	Foreign Exchange Future	0.84691	0.84469			-0.26273	0.00000	0.00000	0
21/11/2019	£ / R 2020/06/12	20.00	P	Foreign Exchange Future	0.98401	0.98179			-0.22613	0.00000	0.00000	0
21/11/2019	£ / R 2020/06/12	20.01	C	Foreign Exchange Future	0.84270	0.84048			-0.26413	0.00000	0.00000	0
21/11/2019	£ / R 2020/06/12	19.99	C	Foreign Exchange Future	0.85114	0.84891			-0.26133	0.00000	0.00000	0
21/11/2019	£ / R 2020/06/12	19.99	P	Foreign Exchange Future	0.97824	0.97601			-0.22738	0.00000	0.00000	0
21/11/2019	£ / R 2020/09/14	20.30	C	Foreign Exchange Future	1.09220	1.09027			-0.17663	0.00000	0.00000	0
21/11/2019	£ / R 2020/09/14	20.29	P	Foreign Exchange Future	1.21601	1.21408			-0.15859	0.00000	0.00000	0
21/11/2019	£ / R 2020/09/14			Foreign Exchange Future	20.17040	20.17040			0.00000	0.00000	0.00000	0
21/11/2019	£ / R 2020/09/14	20.31	C	Foreign Exchange Future	1.08800	1.08607			-0.17738	0.00000	0.00000	0
21/11/2019	£ / R 2020/09/14	20.31	P	Foreign Exchange Future	1.22760	1.22567			-0.15721	0.00000	0.00000	0
21/11/2019	£ / R 2020/09/14	20.30	P	Foreign Exchange Future	1.22180	1.21987			-0.15790	0.00000	0.00000	0
21/11/2019	£ / R 2020/09/14	20.29	C	Foreign Exchange Future	1.09641	1.09448			-0.17589	0.00000	0.00000	0
21/11/2019	¥ / R 2019/12/13	0.13	P	Foreign Exchange Future	0.00059	0.00056			-5.51611	0.00000	0.00000	0
21/11/2019	¥ / R 2019/12/13	0.12	C	Foreign Exchange Future	0.01460	0.01460			-0.00136	0.00000	0.00000	0
21/11/2019	¥ / R 2019/12/13			Foreign Exchange Future	0.13460	0.13460			0.00000	0.00000	0.00000	0
21/11/2019	¥ / R 2019/12/13	0.13	C	Foreign Exchange Future	0.00519	0.00516			-0.63013	0.00000	0.00000	0
21/11/2019	¥ / R 2019/12/13	0.12	P	Foreign Exchange Future	0.00000	0.00000			-25.51282	0.00000	0.00000	0
21/11/2019	¥ / R 2019/12/13	0.14	C	Foreign Exchange Future	0.00064	0.00061			-5.65097	0.00000	0.00000	0
21/11/2019	¥ / R 2019/12/13	0.14	P	Foreign Exchange Future	0.00604	0.00601			-0.60247	0.00000	0.00000	0
21/11/2019	¥ / R 2020/03/16	0.15	P	Foreign Exchange Future	0.01454	0.01452			-0.12716	0.00000	0.00000	0
21/11/2019	¥ / R 2020/03/16			Foreign Exchange Future	0.13720	0.13720			0.00000	0.00000	0.00000	0
21/11/2019	¥ / R 2020/03/16	0.14	C	Foreign Exchange Future	0.00428	0.00426			-0.54558	0.00000	0.00000	0
21/11/2019	¥ / R 2020/03/16	0.14	P	Foreign Exchange Future	0.00708	0.00706			-0.32980	0.00000	0.00000	0
21/11/2019	¥ / R 2020/03/16	0.15	C	Foreign Exchange Future	0.00174	0.00172			-1.06333	0.00000	0.00000	0
21/11/2019	¥ / R 2020/03/16	0.13	C	Foreign Exchange Future	0.00932	0.00930			-0.18930	0.00000	0.00000	0
21/11/2019	¥ / R 2020/03/16	0.13	P	Foreign Exchange Future	0.00212	0.00210			-0.83313	0.00000	0.00000	0
21/11/2019	€ / R 2019/12/13	18.03	P	Foreign Exchange Future	1.27148	1.27028			-0.09496	0.00000	0.00000	0
21/11/2019	€ / R 2019/12/13	19.80	P	Foreign Exchange Future	3.03113	3.03112			-0.00032	0.00000	0.00000	0
21/11/2019	€ / R 2019/12/13	14.09	P	Foreign Exchange Future	0.00000	0.00000			0.00000	0.00000	0.00000	0
21/11/2019	€ / R 2019/12/13	15.70	P	Foreign Exchange Future	0.00487	0.00422			-13.18045	0.00000	0.00000	0
21/11/2019	€ / R 2019/12/13	13.73	C	Foreign Exchange Future	3.03890	3.03890			0.00000	0.00000	0.00000	0
21/11/2019	€ / R 2019/12/13	16.15	C	Foreign Exchange Future	0.65781	0.65514			-0.40627	0.00000	0.00000	0
21/11/2019	€ / R 2019/12/13			Foreign Exchange Future	16.76890	16.76890			0.00000	0.00000	0.00000	0
21/11/2019	€ / R 2019/12/13	18.02	C	Foreign Exchange Future	0.01069	0.00946			-11.53073	0.00000	0.00000	0
21/11/2019	€ / R 2019/12/13	18.02	P	Foreign Exchange Future	1.26179	1.26056			-0.09771	0.00000	0.00000	0
21/11/2019	€ / R 2019/12/13	14.09	C	Foreign Exchange Future	2.67890	2.67890			0.00000	0.00000	0.00000	0
21/11/2019	€ / R 2019/12/13	20.62	P	Foreign Exchange Future	3.85110	3.85110			-0.00002	0.00000	0.00000	0
21/11/2019	€ / R 2019/12/13	20.62	C	Foreign Exchange Future	0.00000	0.00000			-35.29412	0.00000	0.00000	0
21/11/2019	€ / R 2019/12/13	18.03	C	Foreign Exchange Future	0.01038	0.00918			-11.62638	0.00000	0.00000	0

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21/11/2019	€ / R 2019/12/13	15.85	P	Foreign Exchange Future	0.01044	0.00931			-10.80509	0.00000	0.00000	0
21/11/2019	€ / R 2019/12/13	19.80	C	Foreign Exchange Future	0.00003	0.00002			-29.90654	0.00000	0.00000	0
21/11/2019	€ / R 2019/12/13	15.70	C	Foreign Exchange Future	1.07377	1.07312			-0.05973	0.00000	0.00000	0
21/11/2019	€ / R 2019/12/13	19.79	P	Foreign Exchange Future	3.02113	3.02112			-0.00033	0.00000	0.00000	0
21/11/2019	€ / R 2019/12/13	13.73	P	Foreign Exchange Future	0.00000	0.00000			0.00000	0.00000	0.00000	0
21/11/2019	€ / R 2019/12/13	16.15	P	Foreign Exchange Future	0.03891	0.03624			-6.86769	0.00000	0.00000	0
21/11/2019	€ / R 2019/12/13	18.01	C	Foreign Exchange Future	0.01101	0.00975			-11.43480	0.00000	0.00000	0
21/11/2019	€ / R 2019/12/13	18.01	P	Foreign Exchange Future	1.25211	1.25085			-0.10053	0.00000	0.00000	0
21/11/2019	€ / R 2019/12/13	14.23	C	Foreign Exchange Future	2.53890	2.53890			0.00000	0.00000	0.00000	0
21/11/2019	€ / R 2019/12/13	14.23	P	Foreign Exchange Future	0.00000	0.00000			0.00000	0.00000	0.00000	0
21/11/2019	€ / R 2019/12/13	15.85	C	Foreign Exchange Future	0.92934	0.92821			-0.12141	0.00000	0.00000	0
21/11/2019	€ / R 2019/12/13	19.79	C	Foreign Exchange Future	0.00003	0.00002			-29.81928	0.00000	0.00000	0
21/11/2019	€ / R 2020/02/10	16.65	C	Any day expiry	0.63473	0.63208			-0.41777	0.00000	0.00000	0
21/11/2019	€ / R 2020/02/10	17.00	P	Any day expiry	0.48193	0.47905			-0.59683	0.00000	0.00000	0
21/11/2019	€ / R 2020/02/10			Any day expiry	16.97740	16.97740			0.00000	0.00000	0.00000	0
21/11/2019	€ / R 2020/02/10	17.07	P	Any day expiry	0.52199	0.51910			-0.55377	0.00000	0.00000	0
21/11/2019	€ / R 2020/02/10	17.07	C	Any day expiry	0.42939	0.42650			-0.67319	0.00000	0.00000	0
21/11/2019	€ / R 2020/02/10	16.65	P	Any day expiry	0.30733	0.30468			-0.86282	0.00000	0.00000	0
21/11/2019	€ / R 2020/02/10	16.91	P	Any day expiry	0.43290	0.43006			-0.65678	0.00000	0.00000	0
21/11/2019	€ / R 2020/02/10	17.00	C	Any day expiry	0.45933	0.45645			-0.62620	0.00000	0.00000	0
21/11/2019	€ / R 2020/02/10	16.91	C	Any day expiry	0.50030	0.49746			-0.56830	0.00000	0.00000	0
21/11/2019	€ / R 2020/03/16	18.46	C	Foreign Exchange Future	0.18675	0.18477			-1.06082	0.00000	0.00000	0
21/11/2019	€ / R 2020/03/16	18.45	P	Foreign Exchange Future	1.54202	1.54004			-0.12891	0.00000	0.00000	0
21/11/2019	€ / R 2020/03/16			Foreign Exchange Future	17.09630	17.09630			0.00000	0.00000	0.00000	0
21/11/2019	€ / R 2020/03/16	18.47	C	Foreign Exchange Future	0.18520	0.18322			-1.06612	0.00000	0.00000	0
21/11/2019	€ / R 2020/03/16	18.47	P	Foreign Exchange Future	1.55890	1.55692			-0.12665	0.00000	0.00000	0
21/11/2019	€ / R 2020/03/16	18.46	P	Foreign Exchange Future	1.55045	1.54847			-0.12778	0.00000	0.00000	0
21/11/2019	€ / R 2020/03/16	18.45	C	Foreign Exchange Future	0.18832	0.18634			-1.05553	0.00000	0.00000	0
21/11/2019	AU\$ / R 2019/12/13	10.91	P	Foreign Exchange Future	0.46698	0.46584			-0.24235	0.00000	0.00000	0
21/11/2019	AU\$ / R 2019/12/13	11.00	P	Foreign Exchange Future	0.55153	0.55073			-0.14503	0.00000	0.00000	0
21/11/2019	AU\$ / R 2019/12/13			Foreign Exchange Future	10.45630	10.45630			0.00000	0.00000	0.00000	0
21/11/2019	AU\$ / R 2019/12/13	10.90	C	Foreign Exchange Future	0.01406	0.01288			-8.34365	0.00000	0.00000	0
21/11/2019	AU\$ / R 2019/12/13	10.90	P	Foreign Exchange Future	0.45776	0.45658			-0.25621	0.00000	0.00000	0
21/11/2019	AU\$ / R 2019/12/13	10.91	C	Foreign Exchange Future	0.01328	0.01214			-8.52408	0.00000	0.00000	0
21/11/2019	AU\$ / R 2019/12/13	11.00	C	Foreign Exchange Future	0.00783	0.00703			-10.21349	0.00000	0.00000	0
21/11/2019	AU\$ / R 2019/12/13	10.89	C	Foreign Exchange Future	0.01488	0.01366			-8.16383	0.00000	0.00000	0
21/11/2019	AU\$ / R 2019/12/13	10.89	P	Foreign Exchange Future	0.44858	0.44736			-0.27075	0.00000	0.00000	0
21/11/2019	AU\$ / R 2020/03/16	11.06	C	Foreign Exchange Future	0.13088	0.12978			-0.84010	0.00000	0.00000	0
21/11/2019	AU\$ / R 2020/03/16	11.05	P	Foreign Exchange Future	0.58000	0.57890			-0.19058	0.00000	0.00000	0
21/11/2019	AU\$ / R 2020/03/16			Foreign Exchange Future	10.60320	10.60320			0.00000	0.00000	0.00000	0
21/11/2019	AU\$ / R 2020/03/16	11.07	C	Foreign Exchange Future	0.12859	0.12749			-0.85041	0.00000	0.00000	0
21/11/2019	AU\$ / R 2020/03/16	11.07	P	Foreign Exchange Future	0.59539	0.59429			-0.18366	0.00000	0.00000	0
21/11/2019	AU\$ / R 2020/03/16	11.06	P	Foreign Exchange Future	0.58768	0.58658			-0.18709	0.00000	0.00000	0
21/11/2019	AU\$ / R 2020/03/16	11.05	C	Foreign Exchange Future	0.13320	0.13210			-0.82985	0.00000	0.00000	0
21/11/2019	CAD/ R 2019/12/13	11.54	C	Foreign Exchange Future	0.01637	0.01499			-8.40034	0.00000	0.00000	0

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21/11/2019	CAD/ R 2019/12/13	11.55	P	Foreign Exchange Future	0.55530	0.55396			-0.24021	0.00000	0.00000	0
21/11/2019	CAD/ R 2019/12/13	11.53	P	Foreign Exchange Future	0.53687	0.53545			-0.26379	0.00000	0.00000	0
21/11/2019	CAD/ R 2019/12/13			Foreign Exchange Future	11.01030	11.01030			0.00000	0.00000	0.00000	0
21/11/2019	CAD/ R 2019/12/13	11.54	P	Foreign Exchange Future	0.54607	0.54469			-0.25176	0.00000	0.00000	0
21/11/2019	CAD/ R 2019/12/13	11.55	C	Foreign Exchange Future	0.01560	0.01426			-8.55272	0.00000	0.00000	0
21/11/2019	CAD/ R 2019/12/13	11.53	C	Foreign Exchange Future	0.01717	0.01575			-8.24844	0.00000	0.00000	0
21/11/2019	CAD/ R 2020/03/16	11.70	C	Foreign Exchange Future	0.15262	0.15133			-0.84346	0.00000	0.00000	0
21/11/2019	CAD/ R 2020/03/16			Foreign Exchange Future	11.16030	11.16030			0.00000	0.00000	0.00000	0
21/11/2019	CAD/ R 2020/03/16	11.68	C	Foreign Exchange Future	0.15727	0.15597			-0.82591	0.00000	0.00000	0
21/11/2019	CAD/ R 2020/03/16	11.68	P	Foreign Exchange Future	0.67697	0.67567			-0.19187	0.00000	0.00000	0
21/11/2019	CAD/ R 2020/03/16	11.70	P	Foreign Exchange Future	0.69232	0.69103			-0.18594	0.00000	0.00000	0
21/11/2019	CAD/ R 2020/03/16	11.69	C	Foreign Exchange Future	0.15493	0.15363			-0.83465	0.00000	0.00000	0
21/11/2019	CAD/ R 2020/03/16	11.69	P	Foreign Exchange Future	0.68463	0.68333			-0.18888	0.00000	0.00000	0
21/11/2019	CHF / R 2019/12/13	15.96	P	Foreign Exchange Future	1.19548	1.19446			-0.08588	0.00000	0.00000	0
21/11/2019	CHF / R 2019/12/13	15.95	C	Foreign Exchange Future	0.00886	0.00781			-11.85769	0.00000	0.00000	0
21/11/2019	CHF / R 2019/12/13			Foreign Exchange Future	14.77310	14.77310			0.00000	0.00000	0.00000	0
21/11/2019	CHF / R 2019/12/13	15.96	C	Foreign Exchange Future	0.00858	0.00756			-11.96244	0.00000	0.00000	0
21/11/2019	CHF / R 2019/12/13	15.95	P	Foreign Exchange Future	1.18576	1.18471			-0.08863	0.00000	0.00000	0
21/11/2019	CHF / R 2019/12/13	15.97	C	Foreign Exchange Future	0.00831	0.00731			-12.06762	0.00000	0.00000	0
21/11/2019	CHF / R 2019/12/13	15.97	P	Foreign Exchange Future	1.20521	1.20421			-0.08322	0.00000	0.00000	0
21/11/2019	CHF / R 2020/03/16	16.64	P	Foreign Exchange Future	1.69644	1.69480			-0.09700	0.00000	0.00000	0
21/11/2019	CHF / R 2020/03/16			Foreign Exchange Future	15.07740	15.07740			0.00000	0.00000	0.00000	0
21/11/2019	CHF / R 2020/03/16	16.63	C	Foreign Exchange Future	0.13510	0.13344			-1.22349	0.00000	0.00000	0
21/11/2019	CHF / R 2020/03/16	16.63	P	Foreign Exchange Future	1.68770	1.68604			-0.09794	0.00000	0.00000	0
21/11/2019	CHF / R 2020/03/16	16.64	C	Foreign Exchange Future	0.13384	0.13220			-1.22948	0.00000	0.00000	0
21/11/2019	CHF / R 2020/03/16	16.62	C	Foreign Exchange Future	0.13636	0.13470			-1.21757	0.00000	0.00000	0
21/11/2019	CHF / R 2020/03/16	16.62	P	Foreign Exchange Future	1.67896	1.67730			-0.09889	0.00000	0.00000	0
21/11/2019	CNH / R 2019/12/13	2.11	P	Foreign Exchange Future	0.00238	0.00216			-9.11135	0.00000	0.00000	0
21/11/2019	CNH / R 2019/12/13	2.10	C	Foreign Exchange Future	0.11638	0.11621			-0.14698	0.00000	0.00000	0
21/11/2019	CNH / R 2019/12/13			Foreign Exchange Future	2.21470	2.21470			0.00000	0.00000	0.00000	0
21/11/2019	CNH / R 2019/12/13	2.11	C	Foreign Exchange Future	0.10708	0.10686			-0.20250	0.00000	0.00000	0
21/11/2019	CNH / R 2019/12/13	2.10	P	Foreign Exchange Future	0.00168	0.00151			-10.16998	0.00000	0.00000	0
21/11/2019	CNH / R 2019/12/13	2.12	C	Foreign Exchange Future	0.09800	0.09773			-0.27359	0.00000	0.00000	0
21/11/2019	CNH / R 2019/12/13	2.12	P	Foreign Exchange Future	0.00330	0.00303			-8.13043	0.00000	0.00000	0
21/11/2019	DKK / R 2019/12/13	2.54	P	Foreign Exchange Future	0.29052	0.29051			-0.00151	0.00000	0.00000	0
21/11/2019	DKK / R 2019/12/13			Foreign Exchange Future	2.24950	2.24950			0.00000	0.00000	0.00000	0
21/11/2019	DKK / R 2019/12/13	2.54	C	Foreign Exchange Future	0.00002	0.00001			-25.21589	0.00000	0.00000	0
21/11/2019	DKK / R 2019/12/13	2.55	C	Foreign Exchange Future	0.00001	0.00001			-26.25103	0.00000	0.00000	0
21/11/2019	DKK / R 2019/12/13	2.53	P	Foreign Exchange Future	0.28052	0.28052			-0.00212	0.00000	0.00000	0
21/11/2019	DKK / R 2019/12/13	2.55	P	Foreign Exchange Future	0.30051	0.30051			-0.00106	0.00000	0.00000	0
21/11/2019	DKK / R 2019/12/13	2.53	C	Foreign Exchange Future	0.00002	0.00002			-24.13653	0.00000	0.00000	0
21/11/2019	DKK / R 2020/03/16	2.61	C	Foreign Exchange Future	0.00698	0.00685			-1.82091	0.00000	0.00000	0
21/11/2019	DKK / R 2020/03/16	2.60	P	Foreign Exchange Future	0.31256	0.31243			-0.04272	0.00000	0.00000	0
21/11/2019	DKK / R 2020/03/16			Foreign Exchange Future	2.29500	2.29500			0.00000	0.00000	0.00000	0
21/11/2019	DKK / R 2020/03/16	2.62	C	Foreign Exchange Future	0.00644	0.00631			-1.87578	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
21/11/2019	DKK / R 2020/03/16	2.62	P	Foreign Exchange Future	0.33144	0.33131			-0.03642	0.00000	0.00000	0
21/11/2019	DKK / R 2020/03/16	2.61	P	Foreign Exchange Future	0.32198	0.32185			-0.03945	0.00000	0.00000	0
21/11/2019	DKK / R 2020/03/16	2.60	C	Foreign Exchange Future	0.00756	0.00743			-1.76664	0.00000	0.00000	0
21/11/2019	HK\$/R 2019/12/13	1.84	C	Foreign Exchange Future	0.05811	0.05763			-0.81780	0.00000	0.00000	0
21/11/2019	HK\$/R 2019/12/13	1.83	P	Foreign Exchange Future	0.00760	0.00718			-5.49246	0.00000	0.00000	0
21/11/2019	HK\$/R 2019/12/13			Foreign Exchange Future	1.88810	1.88810			0.00000	0.00000	0.00000	0
21/11/2019	HK\$/R 2019/12/13	1.85	C	Foreign Exchange Future	0.05101	0.05049			-1.03411	0.00000	0.00000	0
21/11/2019	HK\$/R 2019/12/13	1.85	P	Foreign Exchange Future	0.01291	0.01239			-4.08490	0.00000	0.00000	0
21/11/2019	HK\$/R 2019/12/13	1.84	P	Foreign Exchange Future	0.01001	0.00953			-4.74828	0.00000	0.00000	0
21/11/2019	HK\$/R 2019/12/13	1.83	C	Foreign Exchange Future	0.06570	0.06528			-0.63517	0.00000	0.00000	0
21/11/2019	KES / R 2019/12/13			Foreign Exchange Future	0.13910	0.13910			0.00000	0.00000	0.00000	0
21/11/2019	KES / R 2020/03/16			Foreign Exchange Future	0.13910	0.13910			0.00000	0.00000	0.00000	0
21/11/2019	NOK/R 2019/12/13			Foreign Exchange Future	1.71570	1.71570			0.00000	0.00000	0.00000	0
21/11/2019	NZ\$ / R 2019/12/13	10.35	P	Foreign Exchange Future	0.48149	0.48032			-0.24368	0.00000	0.00000	0
21/11/2019	NZ\$ / R 2019/12/13			Foreign Exchange Future	9.88230	9.88230			0.00000	0.00000	0.00000	0
21/11/2019	NZ\$ / R 2019/12/13	10.35	C	Foreign Exchange Future	0.01379	0.01262			-8.50661	0.00000	0.00000	0
21/11/2019	NZ\$ / R 2019/12/13	10.34	P	Foreign Exchange Future	0.47228	0.47106			-0.25718	0.00000	0.00000	0
21/11/2019	NZ\$ / R 2019/12/13	10.36	C	Foreign Exchange Future	0.01304	0.01191			-8.68349	0.00000	0.00000	0
21/11/2019	NZ\$ / R 2019/12/13	10.36	P	Foreign Exchange Future	0.49074	0.48961			-0.23081	0.00000	0.00000	0
21/11/2019	NZ\$ / R 2019/12/13	10.34	C	Foreign Exchange Future	0.01458	0.01336			-8.33105	0.00000	0.00000	0
21/11/2019	NZ\$ / R 2020/03/16	10.52	C	Foreign Exchange Future	0.12575	0.12465			-0.87808	0.00000	0.00000	0
21/11/2019	NZ\$ / R 2020/03/16	10.53	P	Foreign Exchange Future	0.63952	0.63843			-0.17171	0.00000	0.00000	0
21/11/2019	NZ\$ / R 2020/03/16			Foreign Exchange Future	10.01410	10.01410			0.00000	0.00000	0.00000	0
21/11/2019	NZ\$ / R 2020/03/16	10.52	P	Foreign Exchange Future	0.63165	0.63055			-0.17481	0.00000	0.00000	0
21/11/2019	NZ\$ / R 2020/03/16	10.53	C	Foreign Exchange Future	0.12362	0.12253			-0.88826	0.00000	0.00000	0
21/11/2019	NZ\$ / R 2020/03/16	10.51	C	Foreign Exchange Future	0.12791	0.12680			-0.86800	0.00000	0.00000	0
21/11/2019	NZ\$ / R 2020/03/16	10.51	P	Foreign Exchange Future	0.62381	0.62270			-0.17799	0.00000	0.00000	0
21/11/2019	PULA / R 2019/12/13	1.35	P	Foreign Exchange Future	0.00000	0.00000			0.00000	0.00000	0.00000	0
21/11/2019	PULA / R 2019/12/13			Foreign Exchange Future	1.35080	1.35080			0.00000	0.00000	0.00000	0
21/11/2019	PULA / R 2019/12/13	1.34	C	Foreign Exchange Future	0.01080	0.01080			0.00000	0.00000	0.00000	0
21/11/2019	PULA / R 2019/12/13	1.34	P	Foreign Exchange Future	0.00000	0.00000			0.00000	0.00000	0.00000	0
21/11/2019	PULA / R 2019/12/13	1.35	C	Foreign Exchange Future	0.00080	0.00080			0.00000	0.00000	0.00000	0
21/11/2019	PULA / R 2019/12/13	1.33	C	Foreign Exchange Future	0.02080	0.02080			0.00000	0.00000	0.00000	0
21/11/2019	PULA / R 2019/12/13	1.33	P	Foreign Exchange Future	0.00000	0.00000			0.00000	0.00000	0.00000	0
21/11/2019	QUANTO £ / \$ 2019/12/13			Foreign Exchange Future	1.30630	1.30630			0.00000	0.00000	0.00000	0
21/11/2019	QUANTO £ / \$ 2020/03/16			Foreign Exchange Future	1.31150	1.31150			0.00000	0.00000	0.00000	0
21/11/2019	QUANTO € / \$ 2019/12/13			Foreign Exchange Future	1.13670	1.13670			0.00000	0.00000	0.00000	0
21/11/2019	QUANTO € / \$ 2020/03/16			Foreign Exchange Future	1.14540	1.14540			0.00000	0.00000	0.00000	0
21/11/2019	SGD / R 2019/12/13	10.67	P	Foreign Exchange Future	0.05580	0.05333			-4.42410	0.00000	0.00000	0
21/11/2019	SGD / R 2019/12/13	10.66	C	Foreign Exchange Future	0.27672	0.27430			-0.87353	0.00000	0.00000	0
21/11/2019	SGD / R 2019/12/13			Foreign Exchange Future	10.88370	10.88370			0.00000	0.00000	0.00000	0
21/11/2019	SGD / R 2019/12/13	10.67	C	Foreign Exchange Future	0.26950	0.26703			-0.91606	0.00000	0.00000	0
21/11/2019	SGD / R 2019/12/13	10.66	P	Foreign Exchange Future	0.05302	0.05060			-4.55928	0.00000	0.00000	0
21/11/2019	SGD / R 2019/12/13	10.68	C	Foreign Exchange Future	0.26239	0.25987			-0.96006	0.00000	0.00000	0
21/11/2019	SGD / R 2019/12/13	10.68	P	Foreign Exchange Future	0.05869	0.05617			-4.29215	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
21/11/2019	TRY / R 2019/12/13	2.30	C	Foreign Exchange Future	0.00672	0.00621			-7.57927	0.00000	0.00000	0
21/11/2019	TRY / R 2019/12/13	2.28	P	Foreign Exchange Future	0.13945	0.13885			-0.43613	0.00000	0.00000	0
21/11/2019	TRY / R 2019/12/13			Foreign Exchange Future	2.14970	2.14970			0.00000	0.00000	0.00000	0
21/11/2019	TRY / R 2019/12/13	2.30	P	Foreign Exchange Future	0.15702	0.15651			-0.32454	0.00000	0.00000	0
21/11/2019	TRY / R 2019/12/13	2.28	C	Foreign Exchange Future	0.00915	0.00855			-6.64445	0.00000	0.00000	0
21/11/2019	TRY / R 2019/12/13	2.29	P	Foreign Exchange Future	0.14816	0.14760			-0.37682	0.00000	0.00000	0
21/11/2019	TRY / R 2019/12/13	2.29	C	Foreign Exchange Future	0.00786	0.00730			-7.10332	0.00000	0.00000	0

**Future Open Interest**

**0**

**Option Open Interest**

**0**

**Total**

**0**