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## CURRENCY DERIVATIVES

## CURRENCY FUTURES AND OPTIONS HIGH/LOW

HIGH/LOW FROM: 14/11/2019 TO 14/11/2019

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
14/11/2019	\$ / R 2019/11/29	14.25	P	Any day expiry	0.03192	0.02883			-9.68227	0.00000	0.00000	0
14/11/2019	\$ / R 2019/11/29	13.00	C	Any day expiry	1.72710	1.72710			-0.00002	0.00000	0.00000	0
14/11/2019	\$ / R 2019/11/29			Any day expiry	14.72710	14.72710			0.00000	0.00000	0.00000	0
14/11/2019	\$ / R 2019/11/29	14.20	C	Any day expiry	0.55199	0.54933			-0.48272	0.00000	0.00000	0
14/11/2019	\$ / R 2019/11/29	14.25	C	Any day expiry	0.50902	0.50593			-0.60722	0.00000	0.00000	0
14/11/2019	\$ / R 2019/11/29	13.00	P	Any day expiry	0.00000	0.00000			-57.14286	0.00000	0.00000	0
14/11/2019	\$ / R 2019/11/29	14.20	P	Any day expiry	0.02489	0.02223			-10.70396	0.00000	0.00000	0
14/11/2019	\$ / R 2019/11/29	17.26	P	Any day expiry	2.53291	2.53290			-0.00011	0.00000	0.00000	0
14/11/2019	\$ / R 2019/11/29	17.26	C	Any day expiry	0.00001	0.00000			-45.76271	0.00000	0.00000	0
14/11/2019	\$ / R 2019/11/29	16.87	P	Any day expiry	2.14294	2.14292			-0.00071	0.00000	0.00000	0
14/11/2019	\$ / R 2019/11/29	16.87	C	Any day expiry	0.00004	0.00002			-38.53904	0.00000	0.00000	0
14/11/2019	\$ / R 2019/11/29	16.03	P	Any day expiry	1.30482	1.30438			-0.03367	0.00000	0.00000	0
14/11/2019	\$ / R 2019/11/29	16.03	C	Any day expiry	0.00192	0.00148			-22.83027	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/02	13.44	C	Any day expiry	1.29273	1.29267			-0.00473	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/02			Any day expiry	14.73250	14.73250			0.00000	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/02	13.44	P	Any day expiry	0.00023	0.00017			-26.28866	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/04	14.84	P	Any day expiry	0.27506	0.26987			-1.88608	0.00000	0.00000	0
14/11/2019	\$ / 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
14/11/2019	\$ / R 2019/12/04	14.84	C	Any day expiry	0.17126	0.16607			-3.02921	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	13.03	P	Foreign Exchange Future	0.00013	0.00011			-19.23664	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	14.12	P	Foreign Exchange Future	0.04484	0.04256			-5.08227	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	16.55	P	Foreign Exchange Future	1.80131	1.80085			-0.02553	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	16.13	C	Foreign Exchange Future	0.01190	0.01085			-8.86826	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	16.37	C	Foreign Exchange Future	0.00637	0.00570			-10.48820	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	14.08	P	Foreign Exchange Future	0.03864	0.03655			-5.41088	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	12.87	C	Foreign Exchange Future	1.88264	1.88263			-0.00048	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	13.94	C	Foreign Exchange Future	0.83481	0.83333			-0.17750	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	14.41	P	Foreign Exchange Future	0.11378	0.11020			-3.14527	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	13.80	C	Foreign Exchange Future	0.96473	0.96375			-0.10187	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	13.00	P	Foreign Exchange Future	0.00011	0.00009			-19.71698	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	16.85	P	Foreign Exchange Future	2.09911	2.09888			-0.01135	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	17.38	C	Foreign Exchange Future	0.00039	0.00032			-17.72087	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	15.81	C	Foreign Exchange Future	0.02641	0.02460			-6.83397	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	15.80	P	Foreign Exchange Future	1.07446	1.07263			-0.17056	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13			Foreign Exchange Future	14.75260	14.75260			0.00000	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	16.55	C	Foreign Exchange Future	0.00391	0.00345			-11.75343	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	14.11	C	Foreign Exchange Future	0.68583	0.68359			-0.32542	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	14.11	P	Foreign Exchange Future	0.04323	0.04099			-5.16311	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	13.94	P	Foreign Exchange Future	0.02221	0.02073			-6.67243	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	17.02	P	Foreign Exchange Future	2.26847	2.26831			-0.00713	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	17.02	C	Foreign Exchange Future	0.00107	0.00091			-15.13053	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	14.00	C	Foreign Exchange Future	0.78081	0.77909			-0.22106	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	14.00	P	Foreign Exchange Future	0.02821	0.02649			-6.11771	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	16.25	P	Foreign Exchange Future	1.50617	1.50532			-0.05623	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	16.25	C	Foreign Exchange Future	0.00877	0.00792			-9.66141	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	11.89	C	Foreign Exchange Future	2.86260	2.86260			0.00000	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	11.89	P	Foreign Exchange Future	0.00000	0.00000			0.00000	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	13.66	C	Foreign Exchange Future	1.09878	1.09818			-0.05474	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	13.66	P	Foreign Exchange Future	0.00618	0.00558			-9.73049	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	15.82	C	Foreign Exchange Future	0.02577	0.02399			-6.89571	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	15.82	P	Foreign Exchange Future	1.09317	1.09139			-0.16256	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	13.03	C	Foreign Exchange Future	1.72273	1.72271			-0.00146	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	14.12	C	Foreign Exchange Future	0.67744	0.67516			-0.33641	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	16.99	P	Foreign Exchange Future	2.23856	2.23839			-0.00774	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	16.13	P	Foreign Exchange Future	1.38930	1.38825			-0.07597	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	16.37	P	Foreign Exchange Future	1.62377	1.62310			-0.04112	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	14.08	C	Foreign Exchange Future	0.71124	0.70915			-0.29395	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	16.35	P	Foreign Exchange Future	1.60412	1.60342			-0.04333	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	12.87	P	Foreign Exchange Future	0.00004	0.00003			-22.05882	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	14.41	C	Foreign Exchange Future	0.45638	0.45280			-0.78415	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	13.80	P	Foreign Exchange Future	0.01213	0.01115			-8.10196	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	13.00	C	Foreign Exchange Future	1.75271	1.75269			-0.00119	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	16.85	C	Foreign Exchange Future	0.00171	0.00148			-13.89829	0.00000	0.00000	0

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14/11/2019	\$ / R 2019/12/13	17.38	P	Foreign Exchange Future	2.62779	2.62772			-0.00263	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	15.81	P	Foreign Exchange Future	1.08381	1.08200			-0.16651	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	15.80	C	Foreign Exchange Future	0.02706	0.02523			-6.77271	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	16.99	C	Foreign Exchange Future	0.00116	0.00099			-14.90790	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	14.10	C	Foreign Exchange Future	0.69425	0.69207			-0.31467	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	14.10	P	Foreign Exchange Future	0.04165	0.03947			-5.24466	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	16.35	C	Foreign Exchange Future	0.00672	0.00602			-10.34883	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	16.20	P	Foreign Exchange Future	1.45736	1.45643			-0.06377	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	16.20	C	Foreign Exchange Future	0.00996	0.00903			-9.32948	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	14.07	C	Foreign Exchange Future	0.71980	0.71775			-0.28398	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	14.07	P	Foreign Exchange Future	0.03720	0.03515			-5.49557	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	20.00	P	Foreign Exchange Future	5.24740	5.24740			0.00000	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/13	20.00	C	Foreign Exchange Future	0.00000	0.00000			-100.00000	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/31	17.44	P	Any day expiry	2.65799	2.65771			-0.01045	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/31	16.21	P	Any day expiry	1.45771	1.45626			-0.09921	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/31			Any day expiry	14.78540	14.78540			0.00000	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/31	14.20	P	Any day expiry	0.09814	0.09575			-2.42875	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/31	17.44	C	Any day expiry	0.00339	0.00311			-8.19010	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/31	17.05	C	Any day expiry	0.00703	0.00654			-6.94365	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/31	16.21	C	Any day expiry	0.03311	0.03166			-4.36814	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/31	14.20	C	Any day expiry	0.68354	0.68115			-0.34870	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/31	17.05	P	Any day expiry	2.27163	2.27114			-0.02148	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/31	14.25	C	Any day expiry	0.64675	0.64422			-0.39058	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/31	14.25	P	Any day expiry	0.11135	0.10882			-2.26860	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/31	13.00	P	Any day expiry	0.00109	0.00099			-9.26506	0.00000	0.00000	0
14/11/2019	\$ / R 2019/12/31	13.00	C	Any day expiry	1.78649	1.78639			-0.00563	0.00000	0.00000	0
14/11/2019	\$ / R 2020/01/02			Any day expiry	14.78910	14.78910			0.00000	0.00000	0.00000	0
14/11/2019	\$ / R 2020/01/02	13.49	P	Any day expiry	0.01101	0.01042			-5.38362	0.00000	0.00000	0
14/11/2019	\$ / R 2020/01/02	13.49	C	Any day expiry	1.31011	1.30952			-0.04526	0.00000	0.00000	0
14/11/2019	\$ / R 2020/01/31	13.54	P	Any day expiry	0.03417	0.03329			-2.57442	0.00000	0.00000	0
14/11/2019	\$ / R 2020/01/31			Any day expiry	14.84240	14.84240			0.00000	0.00000	0.00000	0
14/11/2019	\$ / R 2020/01/31	13.54	C	Any day expiry	1.33657	1.33569			-0.06582	0.00000	0.00000	0
14/11/2019	\$ / R 2020/02/28			Any day expiry	14.89510	14.89510			0.00000	0.00000	0.00000	0
14/11/2019	\$ / R 2020/02/28	14.78	P	Any day expiry	0.44041	0.43810			-0.52476	0.00000	0.00000	0
14/11/2019	\$ / R 2020/02/28	14.78	C	Any day expiry	0.55551	0.55320			-0.41603	0.00000	0.00000	0
14/11/2019	\$ / R 2020/03/02			Any day expiry	14.90060	14.90060			0.00000	0.00000	0.00000	0
14/11/2019	\$ / R 2020/03/02	13.59	P	Any day expiry	0.06492	0.06392			-1.54435	0.00000	0.00000	0
14/11/2019	\$ / R 2020/03/02	13.59	C	Any day expiry	1.37552	1.37452			-0.07289	0.00000	0.00000	0
14/11/2019	\$ / R 2020/03/16	13.19	P	Foreign Exchange Future	0.03082	0.03026			-1.82156	0.00000	0.00000	0
14/11/2019	\$ / R 2020/03/16	14.51	P	Foreign Exchange Future	0.33500	0.33302			-0.59117	0.00000	0.00000	0
14/11/2019	\$ / R 2020/03/16	16.81	C	Foreign Exchange Future	0.10987	0.10843			-1.30466	0.00000	0.00000	0
14/11/2019	\$ / R 2020/03/16	14.40	C	Foreign Exchange Future	0.81502	0.81313			-0.23181	0.00000	0.00000	0
14/11/2019	\$ / R 2020/03/16	16.60	P	Foreign Exchange Future	1.80607	1.80450			-0.08697	0.00000	0.00000	0
14/11/2019	\$ / R 2020/03/16	17.73	C	Foreign Exchange Future	0.04992	0.04901			-1.81938	0.00000	0.00000	0
14/11/2019	\$ / R 2020/03/16	15.61	C	Foreign Exchange Future	0.30808	0.30595			-0.69144	0.00000	0.00000	0

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14/11/2019	\$ / R 2020/03/16	14.01	P	Foreign Exchange Future	0.16154	0.16004			-0.92351	0.00000	0.00000	0
14/11/2019	\$ / R 2020/03/16	15.63	C	Foreign Exchange Future	0.30288	0.30076			-0.70071	0.00000	0.00000	0
14/11/2019	\$ / R 2020/03/16			Foreign Exchange Future	14.92590	14.92590			0.00000	0.00000	0.00000	0
14/11/2019	\$ / R 2020/03/16	14.51	C	Foreign Exchange Future	0.75090	0.74892			-0.26374	0.00000	0.00000	0
14/11/2019	\$ / R 2020/03/16	13.06	C	Foreign Exchange Future	1.88762	1.88718			-0.02330	0.00000	0.00000	0
14/11/2019	\$ / R 2020/03/16	13.06	P	Foreign Exchange Future	0.02172	0.02128			-2.02539	0.00000	0.00000	0
14/11/2019	\$ / R 2020/03/16	15.61	P	Foreign Exchange Future	0.99218	0.99005			-0.21470	0.00000	0.00000	0
14/11/2019	\$ / R 2020/03/16	11.91	C	Foreign Exchange Future	3.01616	3.01615			-0.00041	0.00000	0.00000	0
14/11/2019	\$ / R 2020/03/16	11.91	P	Foreign Exchange Future	0.00026	0.00025			-4.82625	0.00000	0.00000	0
14/11/2019	\$ / R 2020/03/16	13.19	C	Foreign Exchange Future	1.76672	1.76616			-0.03178	0.00000	0.00000	0
14/11/2019	\$ / R 2020/03/16	16.81	P	Foreign Exchange Future	1.99397	1.99253			-0.07189	0.00000	0.00000	0
14/11/2019	\$ / R 2020/03/16	14.40	P	Foreign Exchange Future	0.28912	0.28723			-0.65347	0.00000	0.00000	0
14/11/2019	\$ / R 2020/03/16	16.60	C	Foreign Exchange Future	0.13197	0.13040			-1.19016	0.00000	0.00000	0
14/11/2019	\$ / R 2020/03/16	17.73	P	Foreign Exchange Future	2.85402	2.85311			-0.03182	0.00000	0.00000	0
14/11/2019	\$ / R 2020/03/16	14.01	C	Foreign Exchange Future	1.07744	1.07594			-0.13846	0.00000	0.00000	0
14/11/2019	\$ / R 2020/03/16	15.63	P	Foreign Exchange Future	1.00698	1.00486			-0.21076	0.00000	0.00000	0
14/11/2019	\$ / R 2020/03/16	14.66	C	Foreign Exchange Future	0.66981	0.66773			-0.31080	0.00000	0.00000	0
14/11/2019	\$ / R 2020/03/16	14.66	P	Foreign Exchange Future	0.40391	0.40183			-0.51541	0.00000	0.00000	0
14/11/2019	\$ / R 2020/03/16	17.04	P	Foreign Exchange Future	2.20406	2.20278			-0.05845	0.00000	0.00000	0
14/11/2019	\$ / R 2020/03/16	17.04	C	Foreign Exchange Future	0.08996	0.08868			-1.43189	0.00000	0.00000	0
14/11/2019	\$ / R 2020/03/16	17.88	P	Foreign Exchange Future	2.99814	2.99731			-0.02796	0.00000	0.00000	0
14/11/2019	\$ / R 2020/03/16	17.88	C	Foreign Exchange Future	0.04404	0.04321			-1.90354	0.00000	0.00000	0
14/11/2019	\$ / R 2020/03/16	13.78	C	Foreign Exchange Future	1.25536	1.25414			-0.09780	0.00000	0.00000	0
14/11/2019	\$ / R 2020/03/16	13.78	P	Foreign Exchange Future	0.10946	0.10824			-1.12165	0.00000	0.00000	0
14/11/2019	\$ / R 2020/03/16	12.96	C	Foreign Exchange Future	1.98219	1.98183			-0.01805	0.00000	0.00000	0
14/11/2019	\$ / R 2020/03/16	12.96	P	Foreign Exchange Future	0.01629	0.01593			-2.19652	0.00000	0.00000	0
14/11/2019	\$ / R 2020/03/16	15.62	C	Foreign Exchange Future	0.30547	0.30334			-0.69604	0.00000	0.00000	0
14/11/2019	\$ / R 2020/03/16	15.62	P	Foreign Exchange Future	0.99957	0.99745			-0.21271	0.00000	0.00000	0
14/11/2019	\$ / R 2020/04/02	13.64	C	Any day expiry	1.41629	1.41523			-0.07431	0.00000	0.00000	0
14/11/2019	\$ / R 2020/04/02			Any day expiry	14.95720	14.95720			0.00000	0.00000	0.00000	0
14/11/2019	\$ / R 2020/04/02	13.64	P	Any day expiry	0.09909	0.09803			-1.06222	0.00000	0.00000	0
14/11/2019	\$ / R 2020/04/29			Any day expiry	15.00870	15.00870			0.00000	0.00000	0.00000	0
14/11/2019	\$ / R 2020/04/29	13.69	P	Any day expiry	0.13051	0.12944			-0.81854	0.00000	0.00000	0
14/11/2019	\$ / R 2020/04/29	13.69	C	Any day expiry	1.44921	1.44814			-0.07372	0.00000	0.00000	0
14/11/2019	\$ / R 2020/06/02	13.74	P	Any day expiry	0.16849	0.16742			-0.63038	0.00000	0.00000	0
14/11/2019	\$ / R 2020/06/02			Any day expiry	15.07600	15.07600			0.00000	0.00000	0.00000	0
14/11/2019	\$ / R 2020/06/02	13.74	C	Any day expiry	1.50449	1.50342			-0.07060	0.00000	0.00000	0
14/11/2019	\$ / R 2020/06/12	11.90	C	Foreign Exchange Future	3.20102	3.20092			-0.00294	0.00000	0.00000	0
14/11/2019	\$ / R 2020/06/12	14.25	C	Foreign Exchange Future	1.17258	1.17120			-0.11779	0.00000	0.00000	0
14/11/2019	\$ / R 2020/06/12	15.17	P	Foreign Exchange Future	0.77739	0.77565			-0.22422	0.00000	0.00000	0
14/11/2019	\$ / R 2020/06/12			Foreign Exchange Future	15.09580	15.09580			0.00000	0.00000	0.00000	0
14/11/2019	\$ / R 2020/06/12	14.25	P	Foreign Exchange Future	0.32678	0.32540			-0.42267	0.00000	0.00000	0
14/11/2019	\$ / R 2020/06/12	17.26	P	Foreign Exchange Future	2.37402	2.37265			-0.05764	0.00000	0.00000	0
14/11/2019	\$ / R 2020/06/12	17.26	C	Foreign Exchange Future	0.20982	0.20845			-0.65223	0.00000	0.00000	0
14/11/2019	\$ / R 2020/06/12	15.17	C	Foreign Exchange Future	0.70319	0.70145			-0.24788	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
14/11/2019	\$ / R 2020/06/12	11.90	P	Foreign Exchange Future	0.00522	0.00512			-1.80519	0.00000	0.00000	0
14/11/2019	\$ / R 2020/06/12	15.18	C	Foreign Exchange Future	0.69914	0.69740			-0.24952	0.00000	0.00000	0
14/11/2019	\$ / R 2020/06/12	15.16	P	Foreign Exchange Future	0.77146	0.76971			-0.22574	0.00000	0.00000	0
14/11/2019	\$ / R 2020/06/12	15.18	P	Foreign Exchange Future	0.78334	0.78160			-0.22270	0.00000	0.00000	0
14/11/2019	\$ / R 2020/06/12	15.16	C	Foreign Exchange Future	0.70726	0.70551			-0.24623	0.00000	0.00000	0
14/11/2019	\$ / R 2020/07/28			Any day expiry	15.18680	15.18680			0.00000	0.00000	0.00000	0
14/11/2019	\$ / R 2020/07/28	15.37	P	Any day expiry	0.93332	0.93171			-0.17335	0.00000	0.00000	0
14/11/2019	\$ / R 2020/07/28	15.37	C	Any day expiry	0.75012	0.74851			-0.21568	0.00000	0.00000	0
14/11/2019	\$ / R 2020/09/14	15.35	P	Foreign Exchange Future	0.95130	0.94980			-0.15711	0.00000	0.00000	0
14/11/2019	\$ / R 2020/09/14	15.34	C	Foreign Exchange Future	0.88569	0.88420			-0.16860	0.00000	0.00000	0
14/11/2019	\$ / R 2020/09/14			Foreign Exchange Future	15.28040	15.28040			0.00000	0.00000	0.00000	0
14/11/2019	\$ / R 2020/09/14	15.35	C	Foreign Exchange Future	0.88170	0.88020			-0.16951	0.00000	0.00000	0
14/11/2019	\$ / R 2020/09/14	15.34	P	Foreign Exchange Future	0.94529	0.94380			-0.15797	0.00000	0.00000	0
14/11/2019	\$ / R 2020/09/14	15.36	C	Foreign Exchange Future	0.87772	0.87622			-0.17042	0.00000	0.00000	0
14/11/2019	\$ / R 2020/09/14	15.36	P	Foreign Exchange Future	0.95732	0.95582			-0.15625	0.00000	0.00000	0
14/11/2019	\$ / R MAXI 2019/12/13	14.02	P	Foreign Exchange Future	0.03059	0.02877			-5.93487	0.00000	0.00000	0
14/11/2019	\$ / R MAXI 2019/12/13	14.01	C	Foreign Exchange Future	0.77198	0.77021			-0.22933	0.00000	0.00000	0
14/11/2019	\$ / R MAXI 2019/12/13			Foreign Exchange Future	14.75260	14.75260			0.00000	0.00000	0.00000	0
14/11/2019	\$ / R MAXI 2019/12/13	14.02	C	Foreign Exchange Future	0.76319	0.76137			-0.23785	0.00000	0.00000	0
14/11/2019	\$ / R MAXI 2019/12/13	14.01	P	Foreign Exchange Future	0.02938	0.02761			-6.02592	0.00000	0.00000	0
14/11/2019	\$ / R MAXI 2019/12/13	14.03	C	Foreign Exchange Future	0.75443	0.75257			-0.24659	0.00000	0.00000	0
14/11/2019	\$ / R MAXI 2019/12/13	14.03	P	Foreign Exchange Future	0.03183	0.02997			-5.84493	0.00000	0.00000	0
14/11/2019	\$ / R MAXI 2020/03/16	14.68	C	Foreign Exchange Future	0.65955	0.65745			-0.31738	0.00000	0.00000	0
14/11/2019	\$ / R MAXI 2020/03/16	14.69	P	Foreign Exchange Future	0.41856	0.41646			-0.50143	0.00000	0.00000	0
14/11/2019	\$ / R MAXI 2020/03/16			Foreign Exchange Future	14.92590	14.92590			0.00000	0.00000	0.00000	0
14/11/2019	\$ / R MAXI 2020/03/16	14.68	P	Foreign Exchange Future	0.41365	0.41155			-0.50605	0.00000	0.00000	0
14/11/2019	\$ / R MAXI 2020/03/16	14.69	C	Foreign Exchange Future	0.65446	0.65236			-0.32069	0.00000	0.00000	0
14/11/2019	\$ / R MAXI 2020/03/16	14.67	C	Foreign Exchange Future	0.66466	0.66257			-0.31408	0.00000	0.00000	0
14/11/2019	\$ / R MAXI 2020/03/16	14.67	P	Foreign Exchange Future	0.40876	0.40667			-0.51071	0.00000	0.00000	0
14/11/2019	£ / R 2019/12/13	19.96	C	Foreign Exchange Future	0.09784	0.09383			-4.10000	0.00000	0.00000	0
14/11/2019	£ / R 2019/12/13	19.95	P	Foreign Exchange Future	0.77864	0.77459			-0.51964	0.00000	0.00000	0
14/11/2019	£ / R 2019/12/13			Foreign Exchange Future	19.27110	19.27110			0.00000	0.00000	0.00000	0
14/11/2019	£ / R 2019/12/13	19.97	C	Foreign Exchange Future	0.09597	0.09200			-4.14378	0.00000	0.00000	0
14/11/2019	£ / R 2019/12/13	19.97	P	Foreign Exchange Future	0.79487	0.79090			-0.50032	0.00000	0.00000	0
14/11/2019	£ / R 2019/12/13	19.96	P	Foreign Exchange Future	0.78674	0.78273			-0.50989	0.00000	0.00000	0
14/11/2019	£ / R 2019/12/13	19.95	C	Foreign Exchange Future	0.09974	0.09569			-4.05662	0.00000	0.00000	0
14/11/2019	£ / R 2019/12/13	18.75	C	Foreign Exchange Future	0.63729	0.63316			-0.64858	0.00000	0.00000	0
14/11/2019	£ / R 2019/12/13	18.75	P	Foreign Exchange Future	0.11619	0.11206			-3.55740	0.00000	0.00000	0
14/11/2019	£ / R 2019/12/13	22.13	P	Foreign Exchange Future	2.85947	2.85937			-0.00340	0.00000	0.00000	0
14/11/2019	£ / R 2019/12/13	22.13	C	Foreign Exchange Future	0.00057	0.00047			-17.05862	0.00000	0.00000	0
14/11/2019	£ / R 2020/03/16	19.00	P	Foreign Exchange Future	0.40429	0.40181			-0.61187	0.00000	0.00000	0
14/11/2019	£ / R 2020/03/16	20.31	C	Foreign Exchange Future	0.39928	0.39666			-0.65556	0.00000	0.00000	0
14/11/2019	£ / R 2020/03/16			Foreign Exchange Future	19.57520	19.57520			0.00000	0.00000	0.00000	0
14/11/2019	£ / R 2020/03/16	20.29	C	Foreign Exchange Future	0.40524	0.40261			-0.64794	0.00000	0.00000	0
14/11/2019	£ / R 2020/03/16	20.29	P	Foreign Exchange Future	1.12004	1.11741			-0.23443	0.00000	0.00000	0

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14/11/2019	£ / R 2020/03/16	19.00	C	Foreign Exchange Future	0.97949	0.97701			-0.25255	0.00000	0.00000	0
14/11/2019	£ / R 2020/03/16	20.31	P	Foreign Exchange Future	1.13408	1.13146			-0.23080	0.00000	0.00000	0
14/11/2019	£ / R 2020/03/16	20.30	C	Foreign Exchange Future	0.40225	0.39963			-0.65174	0.00000	0.00000	0
14/11/2019	£ / R 2020/03/16	20.30	P	Foreign Exchange Future	1.12705	1.12443			-0.23261	0.00000	0.00000	0
14/11/2019	£ / R 2020/06/12	20.01	P	Foreign Exchange Future	1.00523	1.00304			-0.21773	0.00000	0.00000	0
14/11/2019	£ / R 2020/06/12			Foreign Exchange Future	19.86290	19.86290			0.00000	0.00000	0.00000	0
14/11/2019	£ / R 2020/06/12	20.00	C	Foreign Exchange Future	0.86234	0.86015			-0.25373	0.00000	0.00000	0
14/11/2019	£ / R 2020/06/12	20.00	P	Foreign Exchange Future	0.99944	0.99725			-0.21892	0.00000	0.00000	0
14/11/2019	£ / R 2020/06/12	20.01	C	Foreign Exchange Future	0.85813	0.85594			-0.25505	0.00000	0.00000	0
14/11/2019	£ / R 2020/06/12	19.99	C	Foreign Exchange Future	0.86656	0.86437			-0.25240	0.00000	0.00000	0
14/11/2019	£ / R 2020/06/12	19.99	P	Foreign Exchange Future	0.99366	0.99147			-0.22012	0.00000	0.00000	0
14/11/2019	£ / R 2020/09/14	20.30	C	Foreign Exchange Future	1.10562	1.10371			-0.17247	0.00000	0.00000	0
14/11/2019	£ / R 2020/09/14	20.29	P	Foreign Exchange Future	1.22942	1.22752			-0.15505	0.00000	0.00000	0
14/11/2019	£ / R 2020/09/14			Foreign Exchange Future	20.17040	20.17040			0.00000	0.00000	0.00000	0
14/11/2019	£ / R 2020/09/14	20.31	C	Foreign Exchange Future	1.10142	1.09951			-0.17319	0.00000	0.00000	0
14/11/2019	£ / R 2020/09/14	20.31	P	Foreign Exchange Future	1.24102	1.23911			-0.15371	0.00000	0.00000	0
14/11/2019	£ / R 2020/09/14	20.30	P	Foreign Exchange Future	1.23522	1.23331			-0.15438	0.00000	0.00000	0
14/11/2019	£ / R 2020/09/14	20.29	C	Foreign Exchange Future	1.10982	1.10792			-0.17176	0.00000	0.00000	0
14/11/2019	¥ / R 2019/12/13	0.13	P	Foreign Exchange Future	0.00082	0.00079			-3.82199	0.00000	0.00000	0
14/11/2019	¥ / R 2019/12/13	0.12	C	Foreign Exchange Future	0.01460	0.01460			-0.00418	0.00000	0.00000	0
14/11/2019	¥ / R 2019/12/13			Foreign Exchange Future	0.13460	0.13460			0.00000	0.00000	0.00000	0
14/11/2019	¥ / R 2019/12/13	0.13	C	Foreign Exchange Future	0.00542	0.00539			-0.57607	0.00000	0.00000	0
14/11/2019	¥ / R 2019/12/13	0.12	P	Foreign Exchange Future	0.00000	0.00000			-16.52221	0.00000	0.00000	0
14/11/2019	¥ / R 2019/12/13	0.14	C	Foreign Exchange Future	0.00089	0.00086			-3.90705	0.00000	0.00000	0
14/11/2019	¥ / R 2019/12/13	0.14	P	Foreign Exchange Future	0.00629	0.00626			-0.55473	0.00000	0.00000	0
14/11/2019	¥ / R 2020/03/16	0.15	P	Foreign Exchange Future	0.01467	0.01465			-0.12485	0.00000	0.00000	0
14/11/2019	¥ / R 2020/03/16			Foreign Exchange Future	0.13720	0.13720			0.00000	0.00000	0.00000	0
14/11/2019	¥ / R 2020/03/16	0.14	C	Foreign Exchange Future	0.00444	0.00442			-0.51125	0.00000	0.00000	0
14/11/2019	¥ / R 2020/03/16	0.14	P	Foreign Exchange Future	0.00724	0.00722			-0.31354	0.00000	0.00000	0
14/11/2019	¥ / R 2020/03/16	0.15	C	Foreign Exchange Future	0.00187	0.00185			-0.98066	0.00000	0.00000	0
14/11/2019	¥ / R 2020/03/16	0.13	C	Foreign Exchange Future	0.00944	0.00942			-0.18325	0.00000	0.00000	0
14/11/2019	¥ / R 2020/03/16	0.13	P	Foreign Exchange Future	0.00224	0.00222			-0.77252	0.00000	0.00000	0
14/11/2019	€ / R 2019/12/13	18.03	P	Foreign Exchange Future	1.28141	1.27985			-0.12123	0.00000	0.00000	0
14/11/2019	€ / R 2019/12/13	19.80	P	Foreign Exchange Future	3.03131	3.03127			-0.00134	0.00000	0.00000	0
14/11/2019	€ / R 2019/12/13	14.09	P	Foreign Exchange Future	0.00000	0.00000			-30.00000	0.00000	0.00000	0
14/11/2019	€ / R 2019/12/13	15.70	P	Foreign Exchange Future	0.01044	0.00954			-8.62459	0.00000	0.00000	0
14/11/2019	€ / R 2019/12/13	13.73	C	Foreign Exchange Future	3.03890	3.03890			0.00000	0.00000	0.00000	0
14/11/2019	€ / R 2019/12/13	16.15	C	Foreign Exchange Future	0.67670	0.67400			-0.39913	0.00000	0.00000	0
14/11/2019	€ / R 2019/12/13			Foreign Exchange Future	16.76890	16.76890			0.00000	0.00000	0.00000	0
14/11/2019	€ / R 2019/12/13	18.02	C	Foreign Exchange Future	0.02079	0.01921			-7.58993	0.00000	0.00000	0
14/11/2019	€ / R 2019/12/13	18.02	P	Foreign Exchange Future	1.27189	1.27031			-0.12407	0.00000	0.00000	0
14/11/2019	€ / R 2019/12/13	14.09	C	Foreign Exchange Future	2.67890	2.67890			-0.00001	0.00000	0.00000	0
14/11/2019	€ / R 2019/12/13	20.62	P	Foreign Exchange Future	3.85112	3.85112			-0.00014	0.00000	0.00000	0
14/11/2019	€ / R 2019/12/13	20.62	C	Foreign Exchange Future	0.00002	0.00002			-25.11848	0.00000	0.00000	0
14/11/2019	€ / R 2019/12/13	18.03	C	Foreign Exchange Future	0.02031	0.01875			-7.64996	0.00000	0.00000	0

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14/11/2019	€ / R 2019/12/13	15.85	P	Foreign Exchange Future	0.01946	0.01807			-7.13640	0.00000	0.00000	0
14/11/2019	€ / R 2019/12/13	19.80	C	Foreign Exchange Future	0.00021	0.00017			-19.48177	0.00000	0.00000	0
14/11/2019	€ / R 2019/12/13	15.70	C	Foreign Exchange Future	1.07934	1.07844			-0.08340	0.00000	0.00000	0
14/11/2019	€ / R 2019/12/13	19.79	P	Foreign Exchange Future	3.02131	3.02127			-0.00137	0.00000	0.00000	0
14/11/2019	€ / R 2019/12/13	13.73	P	Foreign Exchange Future	0.00000	0.00000			0.00000	0.00000	0.00000	0
14/11/2019	€ / R 2019/12/13	16.15	P	Foreign Exchange Future	0.05780	0.05510			-4.67284	0.00000	0.00000	0
14/11/2019	€ / R 2019/12/13	18.01	C	Foreign Exchange Future	0.02129	0.01968			-7.53044	0.00000	0.00000	0
14/11/2019	€ / R 2019/12/13	18.01	P	Foreign Exchange Future	1.26239	1.26078			-0.12697	0.00000	0.00000	0
14/11/2019	€ / R 2019/12/13	14.23	C	Foreign Exchange Future	2.53890	2.53890			-0.00003	0.00000	0.00000	0
14/11/2019	€ / R 2019/12/13	14.23	P	Foreign Exchange Future	0.00000	0.00000			-28.00000	0.00000	0.00000	0
14/11/2019	€ / R 2019/12/13	15.85	C	Foreign Exchange Future	0.93836	0.93697			-0.14798	0.00000	0.00000	0
14/11/2019	€ / R 2019/12/13	19.79	C	Foreign Exchange Future	0.00021	0.00017			-19.39252	0.00000	0.00000	0
14/11/2019	€ / R 2020/02/10	16.65	C	Any day expiry	0.65289	0.65034			-0.39103	0.00000	0.00000	0
14/11/2019	€ / R 2020/02/10	17.00	P	Any day expiry	0.50159	0.49883			-0.55027	0.00000	0.00000	0
14/11/2019	€ / R 2020/02/10			Any day expiry	16.97740	16.97740			0.00000	0.00000	0.00000	0
14/11/2019	€ / R 2020/02/10	17.07	P	Any day expiry	0.54175	0.53898			-0.51214	0.00000	0.00000	0
14/11/2019	€ / R 2020/02/10	17.07	C	Any day expiry	0.44915	0.44638			-0.61772	0.00000	0.00000	0
14/11/2019	€ / R 2020/02/10	16.65	P	Any day expiry	0.32549	0.32294			-0.78435	0.00000	0.00000	0
14/11/2019	€ / R 2020/02/10	16.91	P	Any day expiry	0.45234	0.44961			-0.60324	0.00000	0.00000	0
14/11/2019	€ / R 2020/02/10	17.00	C	Any day expiry	0.47899	0.47623			-0.57624	0.00000	0.00000	0
14/11/2019	€ / R 2020/02/10	16.91	C	Any day expiry	0.51974	0.51701			-0.52502	0.00000	0.00000	0
14/11/2019	€ / R 2020/03/16	18.46	C	Foreign Exchange Future	0.20054	0.19858			-0.97839	0.00000	0.00000	0
14/11/2019	€ / R 2020/03/16	18.45	P	Foreign Exchange Future	1.55586	1.55389			-0.12651	0.00000	0.00000	0
14/11/2019	€ / R 2020/03/16			Foreign Exchange Future	17.09630	17.09630			0.00000	0.00000	0.00000	0
14/11/2019	€ / R 2020/03/16	18.47	C	Foreign Exchange Future	0.19894	0.19699			-0.98320	0.00000	0.00000	0
14/11/2019	€ / R 2020/03/16	18.47	P	Foreign Exchange Future	1.57264	1.57069			-0.12438	0.00000	0.00000	0
14/11/2019	€ / R 2020/03/16	18.46	P	Foreign Exchange Future	1.56424	1.56228			-0.12543	0.00000	0.00000	0
14/11/2019	€ / R 2020/03/16	18.45	C	Foreign Exchange Future	0.20216	0.20019			-0.97364	0.00000	0.00000	0
14/11/2019	AU\$ / R 2019/12/13	10.91	P	Foreign Exchange Future	0.47537	0.47414			-0.26036	0.00000	0.00000	0
14/11/2019	AU\$ / R 2019/12/13	11.00	P	Foreign Exchange Future	0.55780	0.55684			-0.17103	0.00000	0.00000	0
14/11/2019	AU\$ / R 2019/12/13			Foreign Exchange Future	10.45630	10.45630			0.00000	0.00000	0.00000	0
14/11/2019	AU\$ / R 2019/12/13	10.90	C	Foreign Exchange Future	0.02271	0.02144			-5.59692	0.00000	0.00000	0
14/11/2019	AU\$ / R 2019/12/13	10.90	P	Foreign Exchange Future	0.46641	0.46514			-0.27253	0.00000	0.00000	0
14/11/2019	AU\$ / R 2019/12/13	10.91	C	Foreign Exchange Future	0.02167	0.02044			-5.71034	0.00000	0.00000	0
14/11/2019	AU\$ / R 2019/12/13	11.00	C	Foreign Exchange Future	0.01410	0.01314			-6.76682	0.00000	0.00000	0
14/11/2019	AU\$ / R 2019/12/13	10.89	C	Foreign Exchange Future	0.02379	0.02249			-5.48529	0.00000	0.00000	0
14/11/2019	AU\$ / R 2019/12/13	10.89	P	Foreign Exchange Future	0.45749	0.45619			-0.28525	0.00000	0.00000	0
14/11/2019	AU\$ / R 2020/03/16	11.06	C	Foreign Exchange Future	0.13849	0.13741			-0.77890	0.00000	0.00000	0
14/11/2019	AU\$ / R 2020/03/16	11.05	P	Foreign Exchange Future	0.58766	0.58657			-0.18446	0.00000	0.00000	0
14/11/2019	AU\$ / R 2020/03/16			Foreign Exchange Future	10.60320	10.60320			0.00000	0.00000	0.00000	0
14/11/2019	AU\$ / R 2020/03/16	11.07	C	Foreign Exchange Future	0.13616	0.13508			-0.78820	0.00000	0.00000	0
14/11/2019	AU\$ / R 2020/03/16	11.07	P	Foreign Exchange Future	0.60296	0.60188			-0.17799	0.00000	0.00000	0
14/11/2019	AU\$ / R 2020/03/16	11.06	P	Foreign Exchange Future	0.59529	0.59421			-0.18121	0.00000	0.00000	0
14/11/2019	AU\$ / R 2020/03/16	11.05	C	Foreign Exchange Future	0.14086	0.13977			-0.76958	0.00000	0.00000	0
14/11/2019	CAD/ R 2019/12/13	11.54	C	Foreign Exchange Future	0.02653	0.02503			-5.63239	0.00000	0.00000	0

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14/11/2019	CAD/ R 2019/12/13	11.55	P	Foreign Exchange Future	0.56520	0.56374			-0.25846	0.00000	0.00000	0
14/11/2019	CAD/ R 2019/12/13	11.53	P	Foreign Exchange Future	0.54729	0.54576			-0.27918	0.00000	0.00000	0
14/11/2019	CAD/ R 2019/12/13			Foreign Exchange Future	11.01030	11.01030			0.00000	0.00000	0.00000	0
14/11/2019	CAD/ R 2019/12/13	11.54	P	Foreign Exchange Future	0.55623	0.55473			-0.26863	0.00000	0.00000	0
14/11/2019	CAD/ R 2019/12/13	11.55	C	Foreign Exchange Future	0.02550	0.02404			-5.72786	0.00000	0.00000	0
14/11/2019	CAD/ R 2019/12/13	11.53	C	Foreign Exchange Future	0.02759	0.02606			-5.53786	0.00000	0.00000	0
14/11/2019	CAD/ R 2020/03/16	11.70	C	Foreign Exchange Future	0.16153	0.16027			-0.78188	0.00000	0.00000	0
14/11/2019	CAD/ R 2020/03/16			Foreign Exchange Future	11.16030	11.16030			0.00000	0.00000	0.00000	0
14/11/2019	CAD/ R 2020/03/16	11.68	C	Foreign Exchange Future	0.16626	0.16498			-0.76598	0.00000	0.00000	0
14/11/2019	CAD/ R 2020/03/16	11.68	P	Foreign Exchange Future	0.68596	0.68468			-0.18565	0.00000	0.00000	0
14/11/2019	CAD/ R 2020/03/16	11.70	P	Foreign Exchange Future	0.70123	0.69997			-0.18011	0.00000	0.00000	0
14/11/2019	CAD/ R 2020/03/16	11.69	C	Foreign Exchange Future	0.16388	0.16261			-0.77392	0.00000	0.00000	0
14/11/2019	CAD/ R 2020/03/16	11.69	P	Foreign Exchange Future	0.69358	0.69231			-0.18286	0.00000	0.00000	0
14/11/2019	CHF / R 2019/12/13	15.96	P	Foreign Exchange Future	1.20402	1.20267			-0.11177	0.00000	0.00000	0
14/11/2019	CHF / R 2019/12/13	15.95	C	Foreign Exchange Future	0.01757	0.01620			-7.79468	0.00000	0.00000	0
14/11/2019	CHF / R 2019/12/13			Foreign Exchange Future	14.77310	14.77310			0.00000	0.00000	0.00000	0
14/11/2019	CHF / R 2019/12/13	15.96	C	Foreign Exchange Future	0.01712	0.01577			-7.86044	0.00000	0.00000	0
14/11/2019	CHF / R 2019/12/13	15.95	P	Foreign Exchange Future	1.19447	1.19310			-0.11465	0.00000	0.00000	0
14/11/2019	CHF / R 2019/12/13	15.97	C	Foreign Exchange Future	0.01668	0.01536			-7.92673	0.00000	0.00000	0
14/11/2019	CHF / R 2019/12/13	15.97	P	Foreign Exchange Future	1.21358	1.21226			-0.10897	0.00000	0.00000	0
14/11/2019	CHF / R 2020/03/16	16.64	P	Foreign Exchange Future	1.70796	1.70631			-0.09623	0.00000	0.00000	0
14/11/2019	CHF / R 2020/03/16			Foreign Exchange Future	15.07740	15.07740			0.00000	0.00000	0.00000	0
14/11/2019	CHF / R 2020/03/16	16.63	C	Foreign Exchange Future	0.14666	0.14501			-1.12520	0.00000	0.00000	0
14/11/2019	CHF / R 2020/03/16	16.63	P	Foreign Exchange Future	1.69926	1.69761			-0.09711	0.00000	0.00000	0
14/11/2019	CHF / R 2020/03/16	16.64	C	Foreign Exchange Future	0.14536	0.14371			-1.13067	0.00000	0.00000	0
14/11/2019	CHF / R 2020/03/16	16.62	C	Foreign Exchange Future	0.14797	0.14631			-1.11981	0.00000	0.00000	0
14/11/2019	CHF / R 2020/03/16	16.62	P	Foreign Exchange Future	1.69057	1.68891			-0.09801	0.00000	0.00000	0
14/11/2019	CNH / R 2019/12/13	2.11	P	Foreign Exchange Future	0.00402	0.00377			-6.07758	0.00000	0.00000	0
14/11/2019	CNH / R 2019/12/13	2.10	C	Foreign Exchange Future	0.11772	0.11752			-0.17289	0.00000	0.00000	0
14/11/2019	CNH / R 2019/12/13			Foreign Exchange Future	2.21470	2.21470			0.00000	0.00000	0.00000	0
14/11/2019	CNH / R 2019/12/13	2.11	C	Foreign Exchange Future	0.10872	0.10847			-0.22466	0.00000	0.00000	0
14/11/2019	CNH / R 2019/12/13	2.10	P	Foreign Exchange Future	0.00302	0.00282			-6.73934	0.00000	0.00000	0
14/11/2019	CNH / R 2019/12/13	2.12	C	Foreign Exchange Future	0.09996	0.09968			-0.28770	0.00000	0.00000	0
14/11/2019	CNH / R 2019/12/13	2.12	P	Foreign Exchange Future	0.00526	0.00498			-5.46398	0.00000	0.00000	0
14/11/2019	DKK / R 2019/12/13	2.54	P	Foreign Exchange Future	0.29058	0.29057			-0.00452	0.00000	0.00000	0
14/11/2019	DKK / R 2019/12/13			Foreign Exchange Future	2.24950	2.24950			0.00000	0.00000	0.00000	0
14/11/2019	DKK / R 2019/12/13	2.54	C	Foreign Exchange Future	0.00008	0.00007			-16.31461	0.00000	0.00000	0
14/11/2019	DKK / R 2019/12/13	2.55	C	Foreign Exchange Future	0.00006	0.00005			-17.02267	0.00000	0.00000	0
14/11/2019	DKK / R 2019/12/13	2.53	P	Foreign Exchange Future	0.28061	0.28059			-0.00590	0.00000	0.00000	0
14/11/2019	DKK / R 2019/12/13	2.55	P	Foreign Exchange Future	0.30056	0.30055			-0.00345	0.00000	0.00000	0
14/11/2019	DKK / R 2019/12/13	2.53	C	Foreign Exchange Future	0.00011	0.00009			-15.61822	0.00000	0.00000	0
14/11/2019	DKK / R 2020/03/16	2.61	C	Foreign Exchange Future	0.00788	0.00775			-1.66269	0.00000	0.00000	0
14/11/2019	DKK / R 2020/03/16	2.60	P	Foreign Exchange Future	0.31351	0.31337			-0.04380	0.00000	0.00000	0
14/11/2019	DKK / R 2020/03/16			Foreign Exchange Future	2.29500	2.29500			0.00000	0.00000	0.00000	0
14/11/2019	DKK / R 2020/03/16	2.62	C	Foreign Exchange Future	0.00730	0.00717			-1.71200	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
14/11/2019	DKK / R 2020/03/16	2.62	P	Foreign Exchange Future	0.33230	0.33217			-0.03760	0.00000	0.00000	0
14/11/2019	DKK / R 2020/03/16	2.61	P	Foreign Exchange Future	0.32288	0.32275			-0.04058	0.00000	0.00000	0
14/11/2019	DKK / R 2020/03/16	2.60	C	Foreign Exchange Future	0.00851	0.00837			-1.61389	0.00000	0.00000	0
14/11/2019	HK\$/R 2019/12/13	1.84	C	Foreign Exchange Future	0.06129	0.06085			-0.71781	0.00000	0.00000	0
14/11/2019	HK\$/R 2019/12/13	1.83	P	Foreign Exchange Future	0.01044	0.01004			-3.80702	0.00000	0.00000	0
14/11/2019	HK\$/R 2019/12/13			Foreign Exchange Future	1.88810	1.88810			0.00000	0.00000	0.00000	0
14/11/2019	HK\$/R 2019/12/13	1.85	C	Foreign Exchange Future	0.05450	0.05402			-0.87623	0.00000	0.00000	0
14/11/2019	HK\$/R 2019/12/13	1.85	P	Foreign Exchange Future	0.01640	0.01592			-2.91189	0.00000	0.00000	0
14/11/2019	HK\$/R 2019/12/13	1.84	P	Foreign Exchange Future	0.01319	0.01275			-3.33533	0.00000	0.00000	0
14/11/2019	HK\$/R 2019/12/13	1.83	C	Foreign Exchange Future	0.06854	0.06814			-0.57994	0.00000	0.00000	0
14/11/2019	KES / R 2019/12/13			Foreign Exchange Future	0.13910	0.13910			0.00000	0.00000	0.00000	0
14/11/2019	KES / R 2020/03/16			Foreign Exchange Future	0.13910	0.13910			0.00000	0.00000	0.00000	0
14/11/2019	NOK/R 2019/12/13			Foreign Exchange Future	1.71570	1.71570			0.00000	0.00000	0.00000	0
14/11/2019	NZ\$ / R 2019/12/13	10.35	P	Foreign Exchange Future	0.49019	0.48891			-0.26153	0.00000	0.00000	0
14/11/2019	NZ\$ / R 2019/12/13			Foreign Exchange Future	9.88230	9.88230			0.00000	0.00000	0.00000	0
14/11/2019	NZ\$ / R 2019/12/13	10.35	C	Foreign Exchange Future	0.02249	0.02121			-5.69920	0.00000	0.00000	0
14/11/2019	NZ\$ / R 2019/12/13	10.34	P	Foreign Exchange Future	0.48124	0.47992			-0.27340	0.00000	0.00000	0
14/11/2019	NZ\$ / R 2019/12/13	10.36	C	Foreign Exchange Future	0.02149	0.02024			-5.80944	0.00000	0.00000	0
14/11/2019	NZ\$ / R 2019/12/13	10.36	P	Foreign Exchange Future	0.49919	0.49794			-0.25010	0.00000	0.00000	0
14/11/2019	NZ\$ / R 2019/12/13	10.34	C	Foreign Exchange Future	0.02354	0.02222			-5.58947	0.00000	0.00000	0
14/11/2019	NZ\$ / R 2020/03/16	10.52	C	Foreign Exchange Future	0.13340	0.13232			-0.81332	0.00000	0.00000	0
14/11/2019	NZ\$ / R 2020/03/16	10.53	P	Foreign Exchange Future	0.64714	0.64606			-0.16680	0.00000	0.00000	0
14/11/2019	NZ\$ / R 2020/03/16			Foreign Exchange Future	10.01410	10.01410			0.00000	0.00000	0.00000	0
14/11/2019	NZ\$ / R 2020/03/16	10.52	P	Foreign Exchange Future	0.63930	0.63822			-0.16972	0.00000	0.00000	0
14/11/2019	NZ\$ / R 2020/03/16	10.53	C	Foreign Exchange Future	0.13124	0.13016			-0.82249	0.00000	0.00000	0
14/11/2019	NZ\$ / R 2020/03/16	10.51	C	Foreign Exchange Future	0.13561	0.13452			-0.80409	0.00000	0.00000	0
14/11/2019	NZ\$ / R 2020/03/16	10.51	P	Foreign Exchange Future	0.63151	0.63042			-0.17267	0.00000	0.00000	0
14/11/2019	PULA / R 2019/12/13	1.35	P	Foreign Exchange Future	0.00000	0.00000			0.00000	0.00000	0.00000	0
14/11/2019	PULA / R 2019/12/13			Foreign Exchange Future	1.35080	1.35080			0.00000	0.00000	0.00000	0
14/11/2019	PULA / R 2019/12/13	1.34	C	Foreign Exchange Future	0.01080	0.01080			0.00000	0.00000	0.00000	0
14/11/2019	PULA / R 2019/12/13	1.34	P	Foreign Exchange Future	0.00000	0.00000			0.00000	0.00000	0.00000	0
14/11/2019	PULA / R 2019/12/13	1.35	C	Foreign Exchange Future	0.00080	0.00080			0.00000	0.00000	0.00000	0
14/11/2019	PULA / R 2019/12/13	1.33	C	Foreign Exchange Future	0.02080	0.02080			0.00000	0.00000	0.00000	0
14/11/2019	PULA / R 2019/12/13	1.33	P	Foreign Exchange Future	0.00000	0.00000			0.00000	0.00000	0.00000	0
14/11/2019	QUANTO £ / \$ 2019/12/13			Foreign Exchange Future	1.30630	1.30630			0.00000	0.00000	0.00000	0
14/11/2019	QUANTO £ / \$ 2020/03/16			Foreign Exchange Future	1.31150	1.31150			0.00000	0.00000	0.00000	0
14/11/2019	QUANTO € / \$ 2019/12/13			Foreign Exchange Future	1.13670	1.13670			0.00000	0.00000	0.00000	0
14/11/2019	QUANTO € / \$ 2020/03/16			Foreign Exchange Future	1.14540	1.14540			0.00000	0.00000	0.00000	0
14/11/2019	SGD / R 2019/12/13	10.67	P	Foreign Exchange Future	0.07222	0.06996			-3.12892	0.00000	0.00000	0
14/11/2019	SGD / R 2019/12/13	10.66	C	Foreign Exchange Future	0.29284	0.29062			-0.75905	0.00000	0.00000	0
14/11/2019	SGD / R 2019/12/13			Foreign Exchange Future	10.88370	10.88370			0.00000	0.00000	0.00000	0
14/11/2019	SGD / R 2019/12/13	10.67	C	Foreign Exchange Future	0.28592	0.28366			-0.79035	0.00000	0.00000	0
14/11/2019	SGD / R 2019/12/13	10.66	P	Foreign Exchange Future	0.06914	0.06692			-3.21496	0.00000	0.00000	0
14/11/2019	SGD / R 2019/12/13	10.68	C	Foreign Exchange Future	0.27910	0.27680			-0.82247	0.00000	0.00000	0
14/11/2019	SGD / R 2019/12/13	10.68	P	Foreign Exchange Future	0.07540	0.07310			-3.04445	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
14/11/2019	TRY / R 2019/12/13	2.30	C	Foreign Exchange Future	0.01040	0.00987			-5.11881	0.00000	0.00000	0
14/11/2019	TRY / R 2019/12/13	2.28	P	Foreign Exchange Future	0.14372	0.14312			-0.42331	0.00000	0.00000	0
14/11/2019	TRY / R 2019/12/13			Foreign Exchange Future	2.14970	2.14970			0.00000	0.00000	0.00000	0
14/11/2019	TRY / R 2019/12/13	2.30	P	Foreign Exchange Future	0.16070	0.16017			-0.33124	0.00000	0.00000	0
14/11/2019	TRY / R 2019/12/13	2.28	C	Foreign Exchange Future	0.01342	0.01282			-4.53205	0.00000	0.00000	0
14/11/2019	TRY / R 2019/12/13	2.29	P	Foreign Exchange Future	0.15213	0.15156			-0.37487	0.00000	0.00000	0
14/11/2019	TRY / R 2019/12/13	2.29	C	Foreign Exchange Future	0.01183	0.01126			-4.82022	0.00000	0.00000	0

**Future Open Interest**

**0**

**Option Open Interest**

**0**

**Total**

**0**