clear to trade

eurex clearing
rundschreiben 009/16

Datum: 2. Februar 2016
Empfänger: Alle Clearing-Mitglieder der Eurex Clearing AG und Vendoren
Autorisiert von: Thomas Laux

⚠ **Aktion erforderlich** ⚠ **Hohe Priorität**

Margining by Contract and Maturity: Parameter-Anpassung ab der Tagesendverarbeitung vom 9. Februar 2016

Verweis auf Eurex Clearing-Rundschreiben: 152/15

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Zielgruppe:

- Middle + Backoffice
- Revision/Security Coordination

Anhang:
Margin-Parameter und Maturity-Faktoren für Margining by Contract and Maturity ab der Tagesendverarbeitung vom 9. Februar 2016

Anbei erhalten Sie die Aufstellung der ab der Tages-Endverarbeitung vom **9. Februar 2016** gültigen Parameter.

Die neuen Maturity-Faktoren werden bereits in der untertägigen Datei „PARAYYMMDD00.dat“ enthalten sein.

Die neuen Margin-Parameter werden bereits in der untertägigen Datei „PARMINTRYYMMDD00.dat“ enthalten sein.

Die Anlage umfasst die neuen Maturity-Faktoren und Margin-Parameter von Produkten mit „Margining by Contract and Maturity“ (Single Stock Dividend Futures und Sector Index Dividend Futures).

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Aktiengesellschaft mit
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HRB Nr. 44828
USt-IdNr. DE194821553
Amtsgericht
Frankfurt/Main

Margin Parameters and Maturity Factors for Margining by Contract and Maturity effective as of end-of-day batch run on 9 February 2016

A_MARGIN_CLASS_CODE	A_PRODUCT_ID	MP_Flag	A_EXP_YEAR	MaturityFactor	MarginParameter
A2A	A2AP	P	2016	0.99	54.877
A2A	A2AP	P	2017	0.99	54.877
A2A	A2AP	P	2018	1	54.877
A2A	A2AP	P	2019	1	54.877
A2A	A2AP	P	2020	1	54.877
A2AL	A2AL	P	2016	0.49	21.039
A2AL	A2AL	P	2017	0.82	21.039
A2AL	A2AL	P	2018	0.98	21.039
A2AL	A2AL	P	2019	1	21.039
A2AL	A2AL	P	2020	1	21.039
A2BB	A2BB	P	2016	0.32	11.083
A2BB	A2BB	P	2017	0.81	11.083
A2BB	A2BB	P	2018	1	11.083
A2BB	A2BB	P	2019	0.97	11.083
A2BB	A2BB	P	2020	0.99	11.083
A2CR	A2CR	P	2016	1	7.411
A2CR	A2CR	P	2017	0.73	7.411
A2CR	A2CR	P	2018	0.73	7.411
A2CR	A2CR	P	2019	0.73	7.411
A2CR	A2CR	P	2020	0.73	7.411
A2DE	A2DE	P	2016	1	5.595
A2DE	A2DE	P	2017	0.3	5.595
A2DE	A2DE	P	2018	1	5.595
A2DE	A2DE	P	2019	0.41	5.595
A2DE	A2DE	P	2020	0.41	5.595
A2DS	A2DS	P	2016	0.7	10.264
A2DS	A2DS	P	2017	1	10.264
A2DS	A2DS	P	2018	0.89	10.264
A2DS	A2DS	P	2019	0.94	10.264
A2DS	A2DS	P	2020	1	10.264
A2EN	A2EN	P	2016	1	44.423
A2EN	A2EN	P	2017	0.74	44.423
A2EN	A2EN	P	2018	0.77	44.423
A2EN	A2EN	P	2019	0.86	44.423
A2EN	A2EN	P	2020	0.66	44.423
A2HO	A2HO	P	2016	1	5.44
A2HO	A2HO	P	2017	1	5.44
A2HO	A2HO	P	2018	1	5.44
A2HO	A2HO	P	2019	1	5.44

A_MARGIN_CLASS_CODE	A_PRODUCT_ID	MP_Flag	A_EXP_YEAR	MaturityFactor	MarginParameter
A2HO	A2HO	P	2020	1	5.44
A2IR	A3IR	P	2016	0.46	5.44
A2IR	A3IR	P	2017	0.76	5.44
A2IR	A3IR	P	2018	1	5.44
A2IR	A3IR	P	2019	1	5.44
A2IR	A3IR	P	2020	1	5.44
A2IR	A4IR	P	2016	0.46	5.44
A2IR	A4IR	P	2017	0.76	5.44
A2IR	A4IR	P	2018	1	5.44
A2IR	A4IR	P	2019	1	5.44
A2IR	A4IR	P	2020	1	5.44
A2KU	A2KU	P	2016	1	5.44
A2KU	A2KU	P	2017	1	5.44
A2KU	A2KU	P	2018	1	5.44
A2KU	A2KU	P	2019	1	5.44
A2KU	A2KU	P	2020	1	5.44
A2LV	A2LV	P	2016	0.29	8.397
A2LV	A2LV	P	2017	0.73	8.397
A2LV	A2LV	P	2018	0.88	8.397
A2LV	A2LV	P	2019	1	8.397
A2LV	A2LV	P	2020	0.85	8.397
A2M	A2MZ	P	2016	1	5.44
A2M	A2MZ	P	2017	1	5.44
A2M	A2MZ	P	2018	1	5.44
A2M	A2MZ	P	2019	1	5.44
A2M	A2MZ	P	2020	1	5.44
A2OM	A2OM	P	2016	1	81.178
A2OM	A2OM	P	2017	0.19	81.178
A2OM	A2OM	P	2018	0.21	81.178
A2OM	A2OM	P	2019	0.2	81.178
A2OM	A2OM	P	2020	0.21	81.178
A2SG	A2SG	P	2016	0.72	16.203
A2SG	A2SG	P	2017	1	16.203
A2SG	A2SG	P	2018	0.88	16.203
A2SG	A2SG	P	2019	0.95	16.203
A2SG	A2SG	P	2020	0.84	16.203
A2SM	A2SM	P	2016	0.54	13.475
A2SM	A2SM	P	2017	1	13.475
A2SM	A2SM	P	2018	0.95	13.475
A2SM	A2SM	P	2019	0.88	13.475
A2SM	A2SM	P	2020	0.9	13.475
A2V	A2V	P	2016	0.78	9.67

A_MARGIN_CLASS_CODE	A_PRODUCT_ID	MP_Flag	A_EXP_YEAR	MaturityFactor	MarginParameter
A2V	A2V	P	2017	0.73	9.67
A2V	A2V	P	2018	0.89	9.67
A2V	A2V	P	2019	0.92	9.67
A2V	A2V	P	2020	1	9.67
A2XA	A2XA	P	2016	0.36	14.303
A2XA	A2XA	P	2017	0.62	14.303
A2XA	A2XA	P	2018	0.87	14.303
A2XA	A2XA	P	2019	1	14.303
A2XA	A2XA	P	2020	0.76	14.303
A2ZN	A2ZN	P	2016	0.4	5.486
A2ZN	A2ZN	P	2017	0.58	5.486
A2ZN	A2ZN	P	2018	0.99	5.486
A2ZN	A2ZN	P	2019	1	5.486
A2ZN	A2ZN	P	2020	0.94	5.486
B2A	B2AC	P	2016	1	14.259
B2A	B2AC	P	2017	1	14.259
B2A	B2AC	P	2018	1	14.259
B2A	B2AC	P	2019	1	14.259
B2A	B2AC	P	2020	1	14.259
B2A1	B2A	P	2016	1	15.49
B2A1	B2A	P	2017	0.93	15.49
B2A1	B2A	P	2018	0.94	15.49
B2A1	B2A	P	2019	0.93	15.49
B2A1	B2A	P	2020	0.93	15.49
B2AE	B2AE	P	2016	0.99	20.754
B2AE	B2AE	P	2017	0.99	20.754
B2AE	B2AE	P	2018	1	20.754
B2AE	B2AE	P	2019	0.99	20.754
B2AE	B2AE	P	2020	0.99	20.754
B2AR	B2AR	P	2016	0.59	20.78
B2AR	B2AR	P	2017	1	20.78
B2AR	B2AR	P	2018	1	20.78
B2AR	B2AR	P	2019	1	20.78
B2AR	B2AR	P	2020	1	20.78
B2AR	B3AR	P	2016	0.59	20.78
B2AR	B3AR	P	2017	1	20.78
B2AR	B3AR	P	2018	1	20.78
B2AR	B3AR	P	2019	1	20.78
B2AR	B3AR	P	2020	1	20.78
B2AS	B2AS	P	2016	0.6	8.817
B2AS	B2AS	P	2017	0.61	8.817
B2AS	B2AS	P	2018	1	8.817

A_MARGIN_CLASS_CODE	A_PRODUCT_ID	MP_Flag	A_EXP_YEAR	MaturityFactor	MarginParameter
B2AS	B2AS	P	2019	0.96	8.817
B2AS	B2AS	P	2020	0.96	8.817
B2AT	B2AT	P	2016	0.96	15.14
B2AT	B2AT	P	2017	0.96	15.14
B2AT	B2AT	P	2018	0.99	15.14
B2AT	B2AT	P	2019	1	15.14
B2AT	B2AT	P	2020	1	15.14
B2AY	B2AY	P	2016	0.26	7.265
B2AY	B2AY	P	2017	0.68	7.265
B2AY	B2AY	P	2018	0.98	7.265
B2AY	B2AY	P	2019	1	7.265
B2AY	B2AY	P	2020	0.88	7.265
B2BV	B3BV	P	2016	0.27	23.274
B2BV	B3BV	P	2017	0.89	23.274
B2BV	B3BV	P	2018	1	23.274
B2BV	B3BV	P	2019	0.99	23.274
B2BV	B3BV	P	2020	0.99	23.274
B2G	B2G	P	2016	1	58.18
B2G	B2G	P	2017	0.41	58.18
B2G	B2G	P	2018	0.45	58.18
B2G	B2G	P	2019	0.42	58.18
B2G	B2G	P	2020	0.43	58.18
B2LT	B2LT	P	2016	0.55	25.317
B2LT	B2LT	P	2017	1	25.317
B2LT	B2LT	P	2018	0.33	25.317
B2LT	B2LT	P	2019	0.5	25.317
B2LT	B2LT	P	2020	0.33	25.317
B2LT	B3LT	P	2016	0.55	25.317
B2LT	B3LT	P	2017	1	25.317
B2LT	B3LT	P	2018	0.33	25.317
B2LT	B3LT	P	2019	0.5	25.317
B2LT	B3LT	P	2020	0.33	25.317
B2M	B2MY	P	2016	0.74	5.44
B2M	B2MY	P	2017	1	5.44
B2M	B2MY	P	2018	1	5.44
B2M	B2MY	P	2019	1	5.44
B2M	B2MY	P	2020	1	5.44
B2MW	B2MW	P	2016	1	16.131
B2MW	B2MW	P	2017	0.54	16.131
B2MW	B2MW	P	2018	1	16.131
B2MW	B2MW	P	2019	0.79	16.131
B2MW	B2MW	P	2020	0.7	16.131

A_MARGIN_CLASS_CODE	A_PRODUCT_ID	MP_Flag	A_EXP_YEAR	MaturityFactor	MarginParameter
B2NP	B2NP	P	2016	0.37	28.506
B2NP	B2NP	P	2017	1	28.506
B2NP	B2NP	P	2018	0.77	28.506
B2NP	B2NP	P	2019	0.81	28.506
B2NP	B2NP	P	2020	0.7	28.506
B2P	B2P	P	2016	1	10.93
B2P	B2P	P	2017	0.66	10.93
B2P	B2P	P	2018	0.77	10.93
B2P	B2P	P	2019	0.85	10.93
B2P	B2P	P	2020	0.9	10.93
B2SN	B2SN	P	2016	0.18	15.938
B2SN	B2SN	P	2017	0.3	15.938
B2SN	B2SN	P	2018	0.9	15.938
B2SN	B2SN	P	2019	0.96	15.938
B2SN	B2SN	P	2020	1	15.938
B2T	B2T	P	2016	0.49	8.51
B2T	B2T	P	2017	0.76	8.51
B2T	B2T	P	2018	1	8.51
B2T	B2T	P	2019	1	8.51
B2T	B2T	P	2020	0.99	8.51
B2YG	B2YG	P	2016	0.98	5.44
B2YG	B2YG	P	2017	1	5.44
B2YG	B2YG	P	2018	0.99	5.44
B2YG	B2YG	P	2019	0.98	5.44
B2YG	B2YG	P	2020	0.99	5.44
C2AR	C2AR	P	2016	0.64	25.547
C2AR	C2AR	P	2017	0.98	25.547
C2AR	C2AR	P	2018	0.5	25.547
C2AR	C2AR	P	2019	0.98	25.547
C2AR	C2AR	P	2020	1	25.547
C2AR	C3AR	P	2016	0.64	25.547
C2AR	C3AR	P	2017	0.98	25.547
C2AR	C3AR	P	2018	0.5	25.547
C2AR	C3AR	P	2019	0.98	25.547
C2AR	C3AR	P	2020	1	25.547
C2FR	C2FR	P	2016	0.76	13.118
C2FR	C2FR	P	2017	0.89	13.118
C2FR	C2FR	P	2018	1	13.118
C2FR	C2FR	P	2019	0.94	13.118
C2FR	C2FR	P	2020	0.93	13.118
C2I	C2IT	P	2016	0.99	53.032
C2I	C2IT	P	2017	0.99	53.032

A_MARGIN_CLASS_CODE	A_PRODUCT_ID	MP_Flag	A_EXP_YEAR	MaturityFactor	MarginParameter
C2I	C2IT	P	2018	1	53.032
C2I	C2IT	P	2019	0.99	53.032
C2I	C2IT	P	2020	0.99	53.032
C2NA	C2NA	P	2016	1	19.9
C2NA	C2NA	P	2017	0.71	19.9
C2NA	C2NA	P	2018	0.62	19.9
C2NA	C2NA	P	2019	0.62	19.9
C2NA	C2NA	P	2020	0.62	19.9
C2ON	C2ON	P	2016	0.51	16.479
C2ON	C2ON	P	2017	0.84	16.479
C2ON	C2ON	P	2018	1	16.479
C2ON	C2ON	P	2019	0.99	16.479
C2ON	C2ON	P	2020	0.99	16.479
C2RG	C2RG	P	2016	0.62	10.72
C2RG	C2RG	P	2017	0.72	10.72
C2RG	C2RG	P	2018	0.74	10.72
C2RG	C2RG	P	2019	0.75	10.72
C2RG	C2RG	P	2020	1	10.72
C2RI	C3RI	P	2016	0.96	15.455
C2RI	C3RI	P	2017	1	15.455
C2RI	C3RI	P	2018	0.72	15.455
C2RI	C3RI	P	2019	0.8	15.455
C2RI	C3RI	P	2020	0.89	15.455
C2S	C2SC	P	2016	0.72	5.44
C2S	C2SC	P	2017	1	5.44
C2S	C2SC	P	2018	1	5.44
C2S	C2SC	P	2019	1	5.44
C2S	C2SC	P	2020	1	5.44
C2SG	C2SG	P	2016	1	10.21
C2SG	C2SG	P	2017	1	10.21
C2SG	C2SG	P	2018	1	10.21
C2SG	C2SG	P	2019	1	10.21
C2SG	C3SG	P	2016	1	10.21
C2SG	C3SG	P	2017	1	10.21
C2SG	C3SG	P	2018	1	10.21
C2SG	C3SG	P	2019	1	10.21
C2V	C2VX	P	2016	1	5.44
C2V	C2VX	P	2017	0.9	5.44
C2V	C2VX	P	2018	0.68	5.44
C2V	C2VX	P	2019	0.68	5.44
C2V	C2VX	P	2020	0.68	5.44
D2AI	D2AI	P	2016	0.46	10.655

A_MARGIN_CLASS_CODE	A_PRODUCT_ID	MP_Flag	A_EXP_YEAR	MaturityFactor	MarginParameter
D2AI	D2AI	P	2017	0.89	10.655
D2AI	D2AI	P	2018	1	10.655
D2AI	D2AI	P	2019	0.95	10.655
D2AI	D2AI	P	2020	0.97	10.655
D2B1	D3B1	P	2016	1	5.48
D2B1	D3B1	P	2017	0.56	5.48
D2B1	D3B1	P	2018	0.52	5.48
D2B1	D3B1	P	2019	0.51	5.48
D2B1	D3B1	P	2020	0.52	5.48
D2BK	D2BK	A	2016	0.13	0.381
D2BK	D2BK	A	2017	1	0.381
D2BK	D2BK	A	2018	0.33	0.381
D2BK	D2BK	A	2019	0.28	0.381
D2BK	D2BK	A	2020	0.28	0.381
D2BK	D3BK	A	2016	0.13	0.381
D2BK	D3BK	A	2017	1	0.381
D2BK	D3BK	A	2018	0.33	0.381
D2BK	D3BK	A	2019	0.28	0.381
D2BK	D3BK	A	2020	0.28	0.381
D2GE	D2GE	P	2016	0.91	5.44
D2GE	D2GE	P	2017	0.82	5.44
D2GE	D2GE	P	2018	1	5.44
D2GE	D2GE	P	2019	0.69	5.44
D2GE	D2GE	P	2020	0.68	5.44
D2PW	D2PW	P	2016	1	8.86
D2PW	D2PW	P	2017	0.96	8.86
D2PW	D2PW	P	2018	1	8.86
D2PW	D2PW	P	2019	1	8.86
D2PW	D2PW	P	2020	1	8.86
D2SM	D2SM	P	2016	1	5.44
D2SM	D2SM	P	2017	0.96	5.44
D2SM	D2SM	P	2018	0.97	5.44
D2SM	D2SM	P	2019	0.96	5.44
D2SM	D2SM	P	2020	0.96	5.44
D2TE	D2TE	P	2016	0.32	8.879
D2TE	D2TE	P	2017	0.53	8.879
D2TE	D2TE	P	2018	0.87	8.879
D2TE	D2TE	P	2019	1	8.879
D2TE	D2TE	P	2020	0.95	8.879
E2AS	E2AS	P	2016	0.65	9.866
E2AS	E2AS	P	2017	1	9.866
E2AS	E2AS	P	2018	0.98	9.866

A_MARGIN_CLASS_CODE	A_PRODUCT_ID	MP_Flag	A_EXP_YEAR	MaturityFactor	MarginParameter
E2AS	E2AS	P	2019	0.96	9.866
E2AS	E2AS	P	2020	0.95	9.866
E2DF	E2DF	P	2016	0.83	11.732
E2DF	E2DF	P	2017	0.7	11.732
E2DF	E2DF	P	2018	0.98	11.732
E2DF	E2DF	P	2019	1	11.732
E2DF	E2DF	P	2020	1	11.732
E2NL	E2NL	P	2016	0.56	14.948
E2NL	E2NL	P	2017	0.76	14.948
E2NL	E2NL	P	2018	0.93	14.948
E2NL	E2NL	P	2019	1	14.948
E2NL	E2NL	P	2020	0.99	14.948
E2NT	E2NT	P	2016	0.33	16.029
E2NT	E2NT	P	2017	0.88	16.029
E2NT	E2NT	P	2018	0.71	16.029
E2NT	E2NT	P	2019	1	16.029
E2NT	E2NT	P	2020	1	16.029
E2OA	E2OA	P	2016	0.1	33.721
E2OA	E2OA	P	2017	0.33	33.721
E2OA	E2OA	P	2018	0.49	33.721
E2OA	E2OA	P	2019	0.98	33.721
E2OA	E2OA	P	2020	1	33.721
E2SL	E2SL	P	2016	0.35	5.44
E2SL	E2SL	P	2017	1	5.44
E2SL	E2SL	P	2018	0.46	5.44
E2SL	E2SL	P	2019	0.9	5.44
E2SL	E2SL	P	2020	1	5.44
EBD	FEBD	P	2016	0.61	11.71
EBD	FEBD	P	2017	0.87	11.71
EBD	FEBD	P	2018	1	11.71
EBD	FEBD	P	2019	0.93	11.71
EBD	FEBD	P	2020	0.93	11.71
EED	FEED	P	2016	0.56	10.93
EED	FEED	P	2017	0.99	10.93
EED	FEED	P	2018	1	10.93
EED	FEED	P	2019	1	10.93
EED	FEED	P	2020	1	10.93
EID	FEID	P	2016	1	12.14
EID	FEID	P	2017	0.93	12.14
EID	FEID	P	2018	0.94	12.14
EID	FEID	P	2019	0.93	12.14
EID	FEID	P	2020	0.93	12.14

A_MARGIN_CLASS_CODE	A_PRODUCT_ID	MP_Flag	A_EXP_YEAR	MaturityFactor	MarginParameter
ETD	FETD	P	2016	0.96	9.88
ETD	FETD	P	2017	1	9.88
ETD	FETD	P	2018	0.86	9.88
ETD	FETD	P	2019	0.86	9.88
ETD	FETD	P	2020	0.86	9.88
EUD	FEUD	P	2016	1	5.44
EUD	FEUD	P	2017	0.24	5.44
EUD	FEUD	P	2018	0.49	5.44
EUD	FEUD	P	2019	0.1	5.44
EUD	FEUD	P	2020	0.1	5.44
F2TE	F2TE	P	2016	0.54	12.428
F2TE	F2TE	P	2017	0.79	12.428
F2TE	F2TE	P	2018	0.9	12.428
F2TE	F2TE	P	2019	0.98	12.428
F2TE	F2TE	P	2020	1	12.428
G2E	G2EC	P	2016	1	5.44
G2E	G2EC	P	2017	0.24	5.44
G2E	G2EC	P	2018	0.34	5.44
G2E	G2EC	P	2019	1	5.44
G2E	G2EC	P	2020	0.24	5.44
G2EB	G2EB	P	2016	0.99	5.44
G2EB	G2EB	P	2017	0.99	5.44
G2EB	G2EB	P	2018	1	5.44
G2EB	G2EB	P	2019	0.99	5.44
G2EB	G2EB	P	2020	0.99	5.44
G2IV	G2IV	P	2016	1	5.44
G2IV	G2IV	P	2017	1	5.44
G2IV	G2IV	P	2018	1	5.44
G2IV	G2IV	P	2019	1	5.44
G2IV	G2IV	P	2020	1	5.44
G2OB	G2OB	P	2016	0.26	14.137
G2OB	G2OB	P	2017	0.54	14.137
G2OB	G2OB	P	2018	0.87	14.137
G2OB	G2OB	P	2019	1	14.137
G2OB	G2OB	P	2020	1	14.137
G2SK	G3SK	P	2016	0.12	20.92
G2SK	G3SK	P	2017	0.75	20.92
G2SK	G3SK	P	2018	1	20.92
G2SK	G3SK	P	2019	0.93	20.92
G2SK	G3SK	P	2020	0.95	20.92
G2ZF	G2ZF	P	2016	0.42	10.289
G2ZF	G2ZF	P	2017	0.65	10.289

A_MARGIN_CLASS_CODE	A_PRODUCT_ID	MP_Flag	A_EXP_YEAR	MaturityFactor	MarginParameter
G2ZF	G2ZF	P	2018	0.98	10.289
G2ZF	G2ZF	P	2019	1	10.289
G2ZF	G2ZF	P	2020	0.98	10.289
H2EN	H2EN	P	2016	0.99	5.44
H2EN	H2EN	P	2017	0.99	5.44
H2EN	H2EN	P	2018	1	5.44
H2EN	H2EN	P	2019	0.99	5.44
H2EN	H2EN	P	2020	0.99	5.44
H2OL	H2OL	P	2016	0.62	5.44
H2OL	H2OL	P	2017	1	5.44
H2OL	H2OL	P	2018	0.1	5.44
H2OL	H2OL	P	2019	1	5.44
H2SB	H2SB	P	2016	0.27	16.07
H2SB	H2SB	P	2017	0.53	16.07
H2SB	H2SB	P	2018	0.96	16.07
H2SB	H2SB	P	2019	1	16.07
H2SB	H2SB	P	2020	1	16.07
I2B	I2BM	P	2016	1	6.143
I2B	I2BM	P	2017	0.35	6.143
I2B	I2BM	P	2018	0.36	6.143
I2B	I2BM	P	2019	0.35	6.143
I2B	I2BM	P	2020	0.35	6.143
I2BE	I2BE	P	2016	0.42	17.604
I2BE	I2BE	P	2017	1	17.604
I2BE	I2BE	P	2018	0.95	17.604
I2BE	I2BE	P	2019	0.98	17.604
I2BE	I2BE	P	2020	1	17.604
I2ES	I3ES	P	2016	0.35	18.452
I2ES	I3ES	P	2017	0.6	18.452
I2ES	I3ES	P	2018	0.78	18.452
I2ES	I3ES	P	2019	1	18.452
I2ES	I3ES	P	2020	1	18.452
I2N	I2NT	P	2016	1	5.44
I2N	I2NT	P	2017	0.89	5.44
I2N	I2NT	P	2018	0.89	5.44
I2N	I2NT	P	2019	0.9	5.44
I2N	I2NT	P	2020	0.89	5.44
I2NN	I2NN	P	2016	0.9	57.289
I2NN	I2NN	P	2017	1	57.289
I2NN	I2NN	P	2018	0.91	57.289
I2NN	I2NN	P	2019	0.95	57.289
I2NN	I2NN	P	2020	0.92	57.289

A_MARGIN_CLASS_CODE	A_PRODUCT_ID	MP_Flag	A_EXP_YEAR	MaturityFactor	MarginParameter
I2SP	I2SP	P	2016	0.27	41.963
I2SP	I2SP	P	2017	0.51	41.963
I2SP	I2SP	P	2018	1	41.963
I2SP	I2SP	P	2019	1	41.963
I2SP	I2SP	P	2020	1	41.963
I2TK	I2TK	P	2016	0.48	26.778
I2TK	I2TK	P	2017	0.69	26.778
I2TK	I2TK	P	2018	0.86	26.778
I2TK	I2TK	P	2019	0.85	26.778
I2TK	I2TK	P	2020	1	26.778
I2X	I3XD	P	2016	1	26.177
I2X	I3XD	P	2017	0.99	26.177
I2X	I3XD	P	2018	1	26.177
I2X	I3XD	P	2019	1	26.177
I2X	I4XD	P	2016	1	26.177
I2X	I4XD	P	2017	0.99	26.177
I2X	I4XD	P	2018	1	26.177
I2X	I4XD	P	2019	1	26.177
I2X	I5XD	P	2016	1	26.177
I2X	I5XD	P	2017	0.99	26.177
I2X	I5XD	P	2018	1	26.177
I2X	I5XD	P	2019	1	26.177
I2X	I6XD	P	2016	1	26.177
I2X	I6XD	P	2017	0.99	26.177
I2X	I6XD	P	2018	1	26.177
I2X	I6XD	P	2019	1	26.177
J2N	J2NJ	P	2016	0.24	5.44
J2N	J2NJ	P	2017	1	5.44
J2N	J2NJ	P	2018	0.95	5.44
J2N	J2NJ	P	2019	0.95	5.44
J2N	J2NJ	P	2020	0.95	5.44
J2P	J2PM	P	2016	0.73	5.44
J2P	J2PM	P	2017	0.76	5.44
J2P	J2PM	P	2018	0.77	5.44
J2P	J2PM	P	2019	0.76	5.44
J2P	J2PM	P	2020	0.76	5.44
K2O	K2OF	P	2016	1	5.44
K2O	K2OF	P	2017	0.81	5.44
K2O	K2OF	P	2018	0.82	5.44
K2O	K2OF	P	2019	0.81	5.44
K2O	K2OF	P	2020	0.81	5.44
L2DV	L2DV	P	2016	0.99	5.44

A_MARGIN_CLASS_CODE	A_PRODUCT_ID	MP_Flag	A_EXP_YEAR	MaturityFactor	MarginParameter
L2DV	L2DV	P	2017	0.99	5.44
L2DV	L2DV	P	2018	1	5.44
L2DV	L2DV	P	2019	0.99	5.44
L2DV	L2DV	P	2020	0.99	5.44
L2HA	L2HA	P	2016	0.81	27.636
L2HA	L2HA	P	2017	0.27	27.636
L2HA	L2HA	P	2018	1	27.636
L2HA	L2HA	P	2019	1	27.636
L2HA	L2HA	P	2020	1	27.636
L2IN	L2IN	P	2016	1	7.142
L2IN	L2IN	P	2017	0.95	7.142
L2IN	L2IN	P	2018	0.95	7.142
L2IN	L2IN	P	2019	0.94	7.142
L2IN	L2IN	P	2020	0.94	7.142
L2OR	L2OR	P	2016	0.23	11.596
L2OR	L2OR	P	2017	0.54	11.596
L2OR	L2OR	P	2018	0.72	11.596
L2OR	L2OR	P	2019	0.78	11.596
L2OR	L2OR	P	2020	1	11.596
M2C	M2CD	P	2016	1	7.452
M2C	M2CD	P	2017	0.83	7.452
M2C	M2CD	P	2018	0.5	7.452
M2C	M2CD	P	2019	0.53	7.452
M2C	M2CD	P	2020	0.53	7.452
M2EO	M2EO	P	2016	0.18	38.26
M2EO	M2EO	P	2017	0.85	38.26
M2EO	M2EO	P	2018	0.99	38.26
M2EO	M2EO	P	2019	1	38.26
M2EO	M2EO	P	2020	1	38.26
M2M	M2MM	P	2016	1	6.854
M2M	M2MM	P	2017	0.87	6.854
M2M	M2MM	P	2018	0.87	6.854
M2M	M2MM	P	2019	0.87	6.854
M2M	M2MM	P	2020	0.87	6.854
M2OF	M2OF	P	2016	0.72	5.44
M2OF	M2OF	P	2017	1	5.44
M2OF	M2OF	P	2018	0.34	5.44
M2OF	M2OF	P	2019	0.34	5.44
M2OF	M2OF	P	2020	0.34	5.44
M2OH	M2OH	P	2016	0.52	10.42
M2OH	M2OH	P	2017	0.71	10.42
M2OH	M2OH	P	2018	0.92	10.42

A_MARGIN_CLASS_CODE	A_PRODUCT_ID	MP_Flag	A_EXP_YEAR	MaturityFactor	MarginParameter
M2OH	M2OH	P	2019	1	10.42
M2OH	M2OH	P	2020	0.99	10.42
M2RK	M2RK	P	2016	1	22.216
M2RK	M2RK	P	2017	0.85	22.216
M2RK	M2RK	P	2018	0.86	22.216
M2RK	M2RK	P	2019	0.85	22.216
M2RK	M2RK	P	2020	0.85	22.216
M2RW	M2RW	P	2016	1	5.44
M2RW	M2RW	P	2017	0.91	5.44
M2RW	M2RW	P	2018	0.92	5.44
M2RW	M2RW	P	2019	0.91	5.44
M2RW	M2RW	P	2020	0.92	5.44
M2S	M2ST	P	2016	1	5.44
M2S	M2ST	P	2017	0.91	5.44
M2S	M2ST	P	2018	0.82	5.44
M2S	M2ST	P	2019	0.81	5.44
M2S	M2ST	P	2020	0.81	5.44
M2UV	M2UV	P	2016	0.27	6.362
M2UV	M2UV	P	2017	0.64	6.362
M2UV	M2UV	P	2018	1	6.362
M2UV	M2UV	P	2019	0.93	6.362
M2UV	M2UV	P	2020	0.95	6.362
N2ES	N2ES	P	2016	0.4	7.944
N2ES	N2ES	P	2017	0.84	7.944
N2ES	N2ES	P	2018	1	7.944
N2ES	N2ES	P	2019	0.94	7.944
N2ES	N2ES	P	2020	0.92	7.944
N2G	N2G	P	2016	0.96	15.64
N2G	N2G	P	2017	0.96	15.64
N2G	N2G	P	2018	0.99	15.64
N2G	N2G	P	2019	1	15.64
N2G	N2G	P	2020	1	15.64
N2OA	N2OA	P	2016	0.81	42.899
N2OA	N2OA	P	2017	1	42.899
N2OA	N2OA	P	2018	0.48	42.899
N2OA	N2OA	P	2019	0.48	42.899
N2OA	N2OA	P	2020	0.48	42.899
N2OA	N3OA	P	2016	0.81	42.899
N2OA	N3OA	P	2017	1	42.899
N2OA	N3OA	P	2018	0.48	42.899
N2OA	N3OA	P	2019	0.48	42.899
N2OA	N3OA	P	2020	0.48	42.899

A_MARGIN_CLASS_CODE	A_PRODUCT_ID	MP_Flag	A_EXP_YEAR	MaturityFactor	MarginParameter
N2OV	N2OV	P	2016	0.4	5.758
N2OV	N2OV	P	2017	0.84	5.758
N2OV	N2OV	P	2018	1	5.758
N2OV	N2OV	P	2019	0.93	5.758
N2OV	N2OV	P	2020	0.9	5.758
P2E	P2EP	P	2016	1	5.44
P2E	P2EP	P	2017	0.74	5.44
P2E	P2EP	P	2018	0.74	5.44
P2E	P2EP	P	2019	0.74	5.44
P2E	P2EP	P	2020	0.74	5.44
P2ER	P2ER	P	2016	1	5.44
P2ER	P2ER	P	2017	0.17	5.44
P2ER	P2ER	P	2018	0.27	5.44
P2ER	P2ER	P	2019	0.28	5.44
P2ER	P2ER	P	2020	0.24	5.44
P2FE	P2FE	P	2016	1	9.229
P2FE	P2FE	P	2017	0.1	9.229
P2FE	P2FE	P	2018	0.23	9.229
P2FE	P2FE	P	2019	0.23	9.229
P2FE	P2FE	P	2020	0.23	9.229
P2HI	P2HI	P	2016	0.31	12.712
P2HI	P2HI	P	2017	0.54	12.712
P2HI	P2HI	P	2018	0.94	12.712
P2HI	P2HI	P	2019	1	12.712
P2HI	P2HI	P	2020	0.91	12.712
P2M	P2M	P	2016	0.9	5.44
P2M	P2M	P	2017	0.92	5.44
P2M	P2M	P	2018	1	5.44
P2M	P2M	P	2019	0.93	5.44
P2M	P2M	P	2020	0.95	5.44
P2PX	P2PX	P	2016	0.51	8.418
P2PX	P2PX	P	2017	1	8.418
P2PX	P2PX	P	2018	0.94	8.418
P2PX	P2PX	P	2019	0.96	8.418
P2PX	P2PX	P	2020	0.99	8.418
P2U4	P2U4	P	2016	0.1	18.153
P2U4	P2U4	P	2017	0.25	18.153
P2U4	P2U4	P	2018	1	18.153
P2U4	P2U4	P	2019	0.93	18.153
P2U4	P2U4	P	2020	0.95	18.153
R2DA	R2DA	P	2016	0.45	25.316
R2DA	R2DA	P	2017	1	25.316

A_MARGIN_CLASS_CODE	A_PRODUCT_ID	MP_Flag	A_EXP_YEAR	MaturityFactor	MarginParameter
R2DA	R2DA	P	2018	0.54	25.316
R2DA	R2DA	P	2019	0.58	25.316
R2DA	R2DA	P	2020	0.59	25.316
R2EP	R2EP	P	2016	1	23.723
R2EP	R2EP	P	2017	0.55	23.723
R2EP	R2EP	P	2018	0.46	23.723
R2EP	R2EP	P	2019	0.51	23.723
R2EP	R2EP	P	2020	0.51	23.723
R2EP	R3EP	P	2016	1	23.723
R2EP	R3EP	P	2017	0.55	23.723
R2EP	R3EP	P	2018	0.46	23.723
R2EP	R3EP	P	2019	0.51	23.723
R2EP	R3EP	P	2020	0.51	23.723
R2NL	R2NL	P	2016	1	16.525
R2NL	R2NL	P	2017	0.71	16.525
R2NL	R2NL	P	2018	0.77	16.525
R2NL	R2NL	P	2019	0.89	16.525
R2NL	R2NL	P	2020	0.82	16.525
R2OG	R2OG	P	2016	0.45	5.44
R2OG	R2OG	P	2017	0.9	5.44
R2OG	R2OG	P	2018	1	5.44
R2OG	R2OG	P	2019	0.99	5.44
R2OG	R2OG	P	2020	0.97	5.44
R2TZ	R2TZ	P	2016	0.37	18.83
R2TZ	R2TZ	P	2017	1	18.83
R2TZ	R2TZ	P	2018	0.86	18.83
R2TZ	R2TZ	P	2019	0.85	18.83
R2TZ	R2TZ	P	2020	0.85	18.83
R2UK	S2RE	P	2016	0.52	5.739
R2UK	S2RE	P	2017	1	5.739
R2UK	S2RE	P	2018	1	5.739
R2UK	S2RE	P	2019	1	5.739
R2UK	S2RE	P	2020	1	5.739
R2UK	S3RE	P	2016	0.52	5.739
R2UK	S3RE	P	2017	1	5.739
R2UK	S3RE	P	2018	1	5.739
R2UK	S3RE	P	2019	1	5.739
R2UK	S3RE	P	2020	1	5.739
R2UK	S4RE	P	2016	0.52	5.739
R2UK	S4RE	P	2017	1	5.739
R2UK	S4RE	P	2018	1	5.739
R2UK	S4RE	P	2019	1	5.739

A_MARGIN_CLASS_CODE	A_PRODUCT_ID	MP_Flag	A_EXP_YEAR	MaturityFactor	MarginParameter
R2UK	S4RE	P	2020	1	5.739
R2UK	S5RE	P	2016	0.52	5.739
R2UK	S5RE	P	2017	1	5.739
R2UK	S5RE	P	2018	1	5.739
R2UK	S5RE	P	2019	1	5.739
R2UK	S5RE	P	2020	1	5.739
R2WE	R3WE	P	2016	0.27	17.745
R2WE	R3WE	P	2017	0.97	17.745
R2WE	R3WE	P	2018	0.77	17.745
R2WE	R3WE	P	2019	0.99	17.745
R2WE	R3WE	P	2020	1	17.745
S2AP	S2AP	P	2016	1	5.664
S2AP	S2AP	P	2017	1	5.664
S2AP	S2AP	P	2018	1	5.664
S2AP	S2AP	P	2019	1	5.664
S2AP	S2AP	P	2020	1	5.664
S2AP	S3AP	P	2016	1	5.664
S2AP	S3AP	P	2017	1	5.664
S2AP	S3AP	P	2018	1	5.664
S2AP	S3AP	P	2019	1	5.664
S2AP	S3AP	P	2020	1	5.664
S2CM	S2CM	P	2016	0.46	6.382
S2CM	S2CM	P	2017	0.79	6.382
S2CM	S2CM	P	2018	1	6.382
S2CM	S2CM	P	2019	0.99	6.382
S2CM	S2CM	P	2020	0.98	6.382
S2DF	S2DF	P	2016	0.82	22.686
S2DF	S2DF	P	2017	0.82	22.686
S2DF	S2DF	P	2018	0.73	22.686
S2DF	S2DF	P	2019	1	22.686
S2EJ	S2EJ	P	2016	1	16.594
S2EJ	S2EJ	P	2017	0.1	16.594
S2EJ	S2EJ	P	2018	0.1	16.594
S2EJ	S2EJ	P	2019	0.1	16.594
S2EJ	S2EJ	P	2020	0.1	16.594
S2GE	S2GE	P	2016	1	32.974
S2GE	S2GE	P	2017	0.63	32.974
S2GE	S2GE	P	2018	0.73	32.974
S2GE	S2GE	P	2019	0.78	32.974
S2GE	S2GE	P	2020	0.67	32.974
S2GS	S2GS	P	2016	0.74	14.542
S2GS	S2GS	P	2017	0.88	14.542

A_MARGIN_CLASS_CODE	A_PRODUCT_ID	MP_Flag	A_EXP_YEAR	MaturityFactor	MarginParameter
S2GS	S2GS	P	2018	1	14.542
S2GS	S2GS	P	2019	0.99	14.542
S2GS	S2GS	P	2020	0.99	14.542
S2IE	S2IE	P	2016	0.36	6.49
S2IE	S2IE	P	2017	1	6.49
S2IE	S2IE	P	2018	1	6.49
S2IE	S2IE	P	2019	1	6.49
S2IE	S2IE	P	2020	1	6.49
S2IE	S3IE	P	2016	0.07	6.49
S2IE	S3IE	P	2017	1	6.49
S2IE	S3IE	P	2018	1	6.49
S2IE	S3IE	P	2019	1	6.49
S2IE	S3IE	P	2020	1	6.49
S2ND	S3ND	P	2016	0.22	20.178
S2ND	S3ND	P	2017	0.85	20.178
S2ND	S3ND	P	2018	1	20.178
S2ND	S3ND	P	2019	0.93	20.178
S2ND	S3ND	P	2020	0.95	20.178
S2NW	S2NW	P	2016	0.48	5.44
S2NW	S2NW	P	2017	0.89	5.44
S2NW	S2NW	P	2018	0.96	5.44
S2NW	S2NW	P	2019	0.98	5.44
S2NW	S2NW	P	2020	1	5.44
S2QU	S2QU	P	2016	0.5	6.107
S2QU	S2QU	P	2017	0.75	6.107
S2QU	S2QU	P	2018	1	6.107
S2SD	S2SD	P	2016	0.36	20.645
S2SD	S2SD	P	2017	0.98	20.645
S2SD	S2SD	P	2018	1	20.645
S2SD	S2SD	P	2019	0.95	20.645
S2SD	S2SD	P	2020	0.97	20.645
S2SE	S2SE	P	2016	1	11.56
S2SE	S2SE	P	2017	0.91	11.56
S2SE	S2SE	P	2018	0.37	11.56
S2SE	S2SE	P	2019	0.27	11.56
S2SE	S2SE	P	2020	0.27	11.56
S2VT	S2VT	P	2016	1	18.22
S2VT	S2VT	P	2017	0.8	18.22
S2VT	S2VT	P	2018	0.68	18.22
S2VT	S2VT	P	2019	0.66	18.22
S2VT	S2VT	P	2020	0.66	18.22
S2YN	S2YN	P	2016	0.71	5.922

A_MARGIN_CLASS_CODE	A_PRODUCT_ID	MP_Flag	A_EXP_YEAR	MaturityFactor	MarginParameter
S2YN	S2YN	P	2017	0.71	5.922
S2YN	S2YN	P	2018	0.78	5.922
S2YN	S2YN	P	2019	0.89	5.922
S2YN	S2YN	P	2020	1	5.922
SBD	FSBD	P	2016	1	5.44
SBD	FSBD	P	2017	0.84	5.44
SBD	FSBD	P	2018	0.33	5.44
SBD	FSBD	P	2019	1	5.44
SBD	FSBD	P	2020	1	5.44
SED	FSED	P	2016	0.19	16.09
SED	FSED	P	2017	1	16.09
SED	FSED	P	2018	0.28	16.09
SED	FSED	P	2019	0.27	16.09
SED	FSED	P	2020	0.27	16.09
STD	FSTD	P	2016	1	5.44
STD	FSTD	P	2017	0.96	5.44
STD	FSTD	P	2018	0.52	5.44
STD	FSTD	P	2019	0.29	5.44
STD	FSTD	P	2020	0.25	5.44
SUD	FSUD	P	2016	1	5.44
SUD	FSUD	P	2017	0.4	5.44
SUD	FSUD	P	2018	0.44	5.44
SUD	FSUD	P	2019	0.22	5.44
SUD	FSUD	P	2020	0.22	5.44
SVD	FSID	P	2016	1	14.29
SVD	FSID	P	2017	0.91	14.29
SVD	FSID	P	2018	0.92	14.29
SVD	FSID	P	2019	0.91	14.29
SVD	FSID	P	2020	0.91	14.29
T2KA	T2KA	P	2016	1	32.359
T2KA	T2KA	P	2017	0.96	32.359
T2KA	T2KA	P	2018	0.96	32.359
T2KA	T2KA	P	2019	0.98	32.359
T2KA	T2KA	P	2020	1	32.359
T2NE	T2NE	P	2016	0.35	23.997
T2NE	T2NE	P	2017	1	23.997
T2NE	T2NE	P	2018	0.6	23.997
T2NE	T2NE	P	2019	0.56	23.997
T2NE	T2NE	P	2020	0.57	23.997
T2NE	T3NE	P	2016	0.35	23.997
T2NE	T3NE	P	2017	1	23.997
T2NE	T3NE	P	2018	0.6	23.997

A_MARGIN_CLASS_CODE	A_PRODUCT_ID	MP_Flag	A_EXP_YEAR	MaturityFactor	MarginParameter
T2NE	T3NE	P	2019	0.56	23.997
T2NE	T3NE	P	2020	0.57	23.997
T2OT	T2OT	P	2016	0.24	21.084
T2OT	T2OT	P	2017	0.43	21.084
T2OT	T2OT	P	2018	1	21.084
T2OT	T2OT	P	2019	0.93	21.084
T2OT	T2OT	P	2020	0.95	21.084
T2QI	T2QI	P	2016	1	80.286
T2QI	T2QI	P	2017	0.24	80.286
T2QI	T2QI	P	2018	0.14	80.286
T2QI	T2QI	P	2019	0.13	80.286
T2QI	T2QI	P	2020	0.13	80.286
T2SC	T2SC	P	2016	0.71	18.21
T2SC	T2SC	P	2017	1	18.21
T2SC	T2SC	P	2018	0.78	18.21
T2SC	T2SC	P	2019	0.79	18.21
T2SC	T2SC	P	2020	0.79	18.21
U2BL	U2BL	P	2016	0.55	6.929
U2BL	U2BL	P	2017	0.55	6.929
U2BL	U2BL	P	2018	0.77	6.929
U2BL	U2BL	P	2019	0.98	6.929
U2BL	U2BL	P	2020	1	6.929
U2BS	U2BS	P	2016	0.42	66.645
U2BS	U2BS	P	2017	1	66.645
U2BS	U2BS	P	2018	0.6	66.645
U2BS	U2BS	P	2019	0.56	66.645
U2BS	U2BS	P	2020	0.56	66.645
U2BS	U3BS	P	2016	0.42	66.645
U2BS	U3BS	P	2017	1	66.645
U2BS	U3BS	P	2018	0.6	66.645
U2BS	U3BS	P	2019	0.56	66.645
U2BS	U3BS	P	2020	0.56	66.645
U2EI	U2EI	P	2016	0.99	63.487
U2EI	U2EI	P	2017	0.99	63.487
U2EI	U2EI	P	2018	1	63.487
U2EI	U2EI	P	2019	0.99	63.487
U2EI	U2EI	P	2020	0.99	63.487
U2HR	U2HR	P	2016	1	61.95
U2HR	U2HR	P	2017	0.92	61.95
U2HR	U2HR	P	2018	0.92	61.95
U2HR	U2HR	P	2019	0.89	61.95
U2HR	U2HR	P	2020	0.89	61.95

A_MARGIN_CLASS_CODE	A_PRODUCT_ID	MP_Flag	A_EXP_YEAR	MaturityFactor	MarginParameter
U2NI	U2NI	P	2016	0.39	7.522
U2NI	U2NI	P	2017	0.69	7.522
U2NI	U2NI	P	2018	0.91	7.522
U2NI	U2NI	P	2019	0.93	7.522
U2NI	U2NI	P	2020	1	7.522
V2AC	V2AC	P	2016	1	73.519
V2AC	V2AC	P	2017	0.28	73.519
V2AC	V2AC	P	2018	0.27	73.519
V2AC	V2AC	P	2019	0.26	73.519
V2AC	V2AC	P	2020	0.26	73.519
V2O	V3O	P	2016	0.25	5.76
V2O	V3O	P	2017	0.66	5.76
V2O	V3O	P	2018	0.64	5.76
V2O	V3O	P	2019	1	5.76
V2O	V3O	P	2020	1	5.76
V2O	V4O	P	2016	0.25	5.76
V2O	V4O	P	2017	0.66	5.76
V2O	V4O	P	2018	0.64	5.76
V2O	V4O	P	2019	1	5.76
V2O	V4O	P	2020	1	5.76
V2VD	V2VD	P	2016	0.69	5.44
V2VD	V2VD	P	2017	1	5.44
V2VD	V2VD	P	2018	0.74	5.44
V2VD	V2VD	P	2019	1	5.44
V2VD	V2VD	P	2020	1	5.44
V2W	V2W3	P	2016	0.38	28.376
V2W	V2W3	P	2017	1	28.376
V2W	V2W3	P	2018	0.92	28.376
V2W	V2W3	P	2019	0.65	28.376
V2W	V2W3	P	2020	0.65	28.376
W2MT	W2MT	P	2016	1	5.44
W2MT	W2MT	P	2017	1	5.44
W2MT	W2MT	P	2018	1	5.44
W2MT	W2MT	P	2019	1	5.44
W2MT	W2MT	P	2020	1	5.44
X2CA	X2CA	P	2016	0.37	33.19
X2CA	X2CA	P	2017	0.95	33.19
X2CA	X2CA	P	2018	0.96	33.19
X2CA	X2CA	P	2019	1	33.19
X2CA	X2CA	P	2020	0.91	33.19
Z2UR	Z2UR	P	2016	0.56	9.622
Z2UR	Z2UR	P	2017	1	9.622

A_MARGIN_CLASS_CODE	A_PRODUCT_ID	MP_Flag	A_EXP_YEAR	MaturityFactor	MarginParameter
Z2UR	Z2UR	P	2018	0.47	9.622
Z2UR	Z2UR	P	2019	0.75	9.622
Z2UR	Z2UR	P	2020	0.66	9.622
K2P	K3PN	P	2015	0.16	127.176
K2P	K3PN	P	2016	1	127.176
K2P	K3PN	P	2017	0.18	127.176
K2P	K3PN	P	2018	0.14	127.176
K2P	K3PN	P	2019	0.12	127.176
K2P	K4PN	P	2015	0.16	127.176
K2P	K4PN	P	2016	1	127.176
K2P	K4PN	P	2017	0.18	127.176
K2P	K4PN	P	2018	0.14	127.176
K2P	K4PN	P	2019	0.12	127.176
V2VU	V3VU	P	2015	0.72	34.549
V2VU	V3VU	P	2016	1	34.549
V2VU	V3VU	P	2017	1	34.549
V2VU	V3VU	P	2018	1	34.549
V2VU	V3VU	P	2019	1	34.549
V2VU	V4VU	P	2015	0.72	34.549
V2VU	V4VU	P	2016	1	34.549
V2VU	V4VU	P	2017	1	34.549
V2VU	V4VU	P	2018	1	34.549
V2VU	V4VU	P	2019	1	34.549