

# Kurzy akcií pro hypotetické kurzovní lístky

*Kurzy akcií jednotlivých firem*

1-denní výnosnosti

Obchodní den na burze	F1	F2	F3
1.	100	200	1000
2.	110	210	1050
3.	121	205	1080
4.	95	150	1020
5.	98	210	950

F1	F2	F3
	0.1	0.05
	0.1	-0.02381
	-0.21488	-0.26829
	0.031579	0.4
		0.05
		0.028571
		-0.05556
		-0.06863

Vypočítejte jednodenní a dvoudenní výnosnosti jednotlivých akcií a riziko jejich změn

E(X)	0.004176	0.039474	-0.0114	sigma^2
				fce
				riziko
				fce

2-denní vynosnosti

Rozptyl

F1	F2	F3	F1	F2	F3	F1
0.009182	0.000111	0.00377				
0.009182	0.004005	0.001598	0.21	0.025	0.08	0.061909
0.047984	0.094721	0.001949	-0.13636	-0.28571	-0.02857	0.009516
0.000751	0.129979	0.003275	-0.19008	0.02439	-0.12037	0.022882
0.022366	0.076272	0.003531	-0.03882	-0.07877	-0.02298	0.047153
0.022366	0.076272	0.003531				0.047153
0.149554	0.276173	0.05942				0.217148
#NÁZEV?	#NÁZEV?	#NÁZEV?				#NÁZEV?

Rozptyl

F2          F3

0.010769 0.010605

0.042824 3.13E-05

0.010643 0.009485

0.032118 0.010061

0.032118 0.010061

0.179215 0.100302

#NÁZEV? #NÁZEV?

Emise	R o k							
	2007				2008			
	I.	II.	III.	IV.	I.	II.	III.	IV.
A	1010	1055	1100	1031	988	1065	918	1060
B	2650	3000	3848	3228	3638	4205	3979	4731
C	1505	2030	2190	2325	2250	2443	1700	1796
D	178	300	325	396	351	370	335	327
E	281	372	358	494	460	539	443	468
F	2645	3125	3400	3330	3400	3425	3475	4100
G	547	800	803	1070	975	952	997	944

Q-vynosnost

A	0.044554	0.042654	-0.06273	-0.04171	0.077935	-0.13803	0.154684
B	0.132075	0.282667	-0.16112	0.127014	0.155855	-0.05375	0.188992
C	0.348837	0.078818	0.061644	-0.03226	0.085778	-0.30413	0.056471
D	0.685393	0.083333	0.218462	-0.11364	0.054131	-0.09459	-0.02388
E	0.323843	-0.03763	0.379888	-0.06883	0.171739	-0.17811	0.056433
F	0.181474	0.088	-0.02059	0.021021	0.007353	0.014599	0.179856
G	0.462523	0.00375	0.332503	-0.08879	-0.02359	0.047269	-0.05316

Rozptyl-Mezivypocet

A	0.001122	0.000999	0.005443	0.002784	0.004473	0.022225	0.02063
B	0.001304	0.034859	0.066093	0.000964	0.003587	0.022412	0.008655
C	0.094048	0.001343	0.000379	0.005539	0.001902	0.119923	0.000205
D	0.324663	0.001041	0.01058	0.05255	0.003779	0.044182	0.019455
E	0.053531	0.016929	0.082605	0.026019	0.006283	0.073216	0.001299
F	0.013016	0.000425	0.00774	0.00215	0.003604	0.002787	0.012649
G	0.133449	0.008736	0.05536	0.034596	0.014594	0.002495	0.022613

Kovariance-Mezivypocet

A	0.033502	0.031602	-0.07378	-0.05276	0.066883	-0.14908	0.143632
B	0.036113	0.186705	-0.25708	0.031052	0.059893	-0.14971	0.09303
C	0.306672	0.036653	0.019479	-0.07442	0.043613	-0.3463	0.014306
D	0.569792	-0.03227	0.10286	-0.22924	-0.06147	-0.2102	-0.13948
E	0.231367	-0.13011	0.287412	-0.1613	0.079263	-0.27058	-0.03604
F	0.114087	0.020612	-0.08798	-0.04637	-0.06003	-0.05279	0.112468
G	0.365307	-0.09347	0.235287	-0.186	-0.12081	-0.04995	-0.15038

1 AB	0.00121	0.0059	0.018968	-0.00164	0.004006	0.022318	0.013362
2 AC	0.010274	0.001158	-0.00144	0.003927	0.002917	0.051626	0.002055

3 AD	0.019089	-0.00102	-0.00759	0.012094	-0.00411	0.031336	-0.02003
4 AE	0.007751	-0.00411	-0.02121	0.00851	0.005301	0.040339	-0.00518
5 AF	0.003822	0.000651	0.006491	0.002446	-0.00402	0.00787	0.016154
6 AG	0.012239	-0.00295	-0.01736	0.009813	-0.00808	0.007446	-0.0216
7 BC	0.011075	0.006843	-0.00501	-0.00231	0.002612	0.051844	0.001331
8 BD	0.020577	-0.00602	-0.02644	-0.00712	-0.00368	0.031468	-0.01298
9 BE	0.008355	-0.02429	-0.07389	-0.00501	0.004747	0.040509	-0.00335
10 BF	0.00412	0.003848	0.022617	-0.00144	-0.0036	0.007903	0.010463
11 BG	0.013192	-0.01745	-0.06049	-0.00578	-0.00724	0.007477	-0.01399
12 CD	0.174739	-0.00118	0.002004	0.017061	-0.00268	0.072791	-0.002
13 CE	0.070954	-0.00477	0.005598	0.012005	0.003457	0.093703	-0.00052
14 CF	0.034987	0.000755	-0.00171	0.003451	-0.00262	0.018281	0.001609
15 CG	0.11203	-0.00343	0.004583	0.013843	-0.00527	0.017297	-0.00215
16 DE	0.131831	0.004198	0.029563	0.036977	-0.00487	0.056876	0.005027
17 DF	0.065006	-0.00067	-0.00905	0.010629	0.00369	0.011096	-0.01569
18 DG	0.208149	0.003016	0.024202	0.042638	0.007426	0.010499	0.020975
19 EF	0.026396	-0.00268	-0.02529	0.007479	-0.00476	0.014284	-0.00405
20 EG	0.08452	0.012161	0.067624	0.030002	-0.00958	0.013515	0.00542
21 FG	0.041677	-0.00193	-0.0207	0.008624	0.007253	0.002637	-0.01691

E(X)	2-leta vynosnost
0.011052	0.049505
0.095962	0.785283
0.042165	0.193355
0.115601	0.837079
0.092477	0.66548
0.067388	0.550095
0.097216	0.725777

Rozptyl	fce
0.009613	0.009613
0.022979	0.022979
0.037223	0.037223
0.076042	0.076042
0.043313	0.043313
0.007062	0.007062
0.045307	0.045307

NELZE!!!

	Riziko	fce
A	0.098045	#NÁZEV?
B	0.151588	#NÁZEV?
C	0.192933	#NÁZEV?
D	0.275757	#NÁZEV?
E	0.208119	#NÁZEV?
F	0.084034	#NÁZEV?
G	0.212855	#NÁZEV?

sigma^2  
0.009613  
0.022979  
0.037223  
0.076042  
0.043313  
0.007062  
0.045307

	COV	fce	uprva fce (cov-vyber)
AB	0.010688	0.009161	0.010688
AC	0.011753	0.010074	0.011753

COVAR M	A	B
A	0.009613	0.010688

AD	0.004961	0.004252	0.004961
AE	0.005235	0.004487	0.005235
AF	0.00557	0.004774	0.00557
AG	-0.00342	-0.00293	-0.00342
BC	0.011064	0.009484	0.011064
BD	-0.0007	-0.0006	-0.0007
BE	-0.00882	-0.00756	-0.00882
BF	0.007319	0.006274	0.007319
BG	-0.01404	-0.01204	-0.01404
CD	0.043456	0.037248	0.043456
CE	0.030072	0.025776	0.030072
CF	0.009125	0.007822	0.009125
CG	0.022818	0.019558	0.022818
DE	0.043267	0.037086	0.043267
DF	0.010837	0.009288	0.010837
DG	0.052817	0.045272	0.052817
EF	0.001897	0.001626	0.001897
EG	0.033945	0.029095	0.033945
FG	0.003442	0.00295	0.003442

B	0.010688	0.022979
C	0.011753	0.011064
D	0.004961	-0.0007
E	0.005235	-0.00882
F	0.00557	0.007319
G	-0.00342	-0.01404

COVAR M (fce)

	A	B
A	#NÁZEV?	#NÁZEV?
B	#NÁZEV?	#NÁZEV?
C	#NÁZEV?	#NÁZEV?
D	#NÁZEV?	#NÁZEV?
E	#NÁZEV?	#NÁZEV?
F	#NÁZEV?	#NÁZEV?
G	#NÁZEV?	#NÁZEV?

Korelace fce

AB	0.719106
AC	0.621341
AD	0.183491
AE	0.256538
AF	0.67603
AG	-0.16367

sigma 0.098045 0.151588

COREL M

	A	B
A	#NÁZEV?	#NÁZEV?
B	#NÁZEV?	#NÁZEV?
C	#NÁZEV?	#NÁZEV?
D	#NÁZEV?	#NÁZEV?
E	#NÁZEV?	#NÁZEV?
F	#NÁZEV?	#NÁZEV?
G	#NÁZEV?	#NÁZEV?

sigma  
0.098045  
0.151588  
0.192933  
0.275757  
0.208119  
0.084034  
0.212855

C	D	E	F	G
0.011753	0.004961	0.005235	0.00557	-0.00342





Datum	CETV	ČEZ	ERSTE	KB	PM	1-denni vynosnost
21.02.2014		57.00	564.00	800.50	4 768.00	10 800.00
20.02.2014		57.95	563.00	792.60	4 710.00	10 800.00
19.02.2014		60.50	555.00	795.90	4 740.00	10 770.00
18.02.2014		60.50	544.30	790.20	4 730.00	10 800.00
17.02.2014		59.40	545.00	783.00	4 730.00	10 730.00
14.02.2014		60.50	541.30	774.00	4 688.00	10 740.00
13.02.2014		61.50	534.00	771.00	4 460.00	10 730.00
12.02.2014		62.00	525.50	776.10	4 499.00	10 770.00
11.02.2014		63.85	505.90	761.70	4 460.00	10 790.00
10.02.2014		61.45	507.00	775.60	4 478.00	10 740.00
07.02.2014		59.90	508.00	772.00	4 430.00	10 770.00
06.02.2014		59.45	513.00	771.80	4 460.00	10 740.00
05.02.2014		57.70	500.00	756.20	4 340.00	10 740.00
04.02.2014		61.40	502.40	737.00	4 320.00	10 790.00
03.02.2014		59.50	510.00	729.00	4 400.00	10 850.00
31.01.2014		59.90	515.00	737.70	4 422.00	10 899.00
30.01.2014		60.60	506.80	763.60	4 360.00	10 850.00
29.01.2014		58.55	492.00	771.90	4 350.00	10 832.00
28.01.2014		59.25	500.00	785.50	4 350.00	10 720.00
27.01.2014		59.45	514.50	755.90	4 300.00	10 722.00
24.01.2014		61.80	522.90	778.40	4 350.00	10 850.00
23.01.2014		63.90	525.00	796.60	4 365.00	10 900.00
22.01.2014		65.15	526.00	788.00	4 380.00	10 890.00
21.01.2014		65.60	523.00	778.60	4 383.00	10 950.00
20.01.2014		65.90	521.80	785.00	4 358.00	10 889.00
17.01.2014		65.65	522.50	789.20	4 314.00	10 699.00
16.01.2014		64.85	517.90	790.70	4 381.00	10 560.00
15.01.2014		65.90	515.00	801.80	4 510.00	10 540.00
14.01.2014		62.05	514.00	780.20	4 520.00	10 600.00
13.01.2014		63.50	517.90	785.00	4 470.00	10 600.00
10.01.2014		64.50	495.60	772.40	4 375.00	10 600.00
09.01.2014		65.60	490.00	768.20	4 299.00	10 550.00
08.01.2014		63.95	494.00	768.70	4 236.00	10 560.00
07.01.2014		69.70	507.00	730.70	4 230.00	10 600.00
06.01.2014		73.90	519.00	700.70	4 365.00	10 578.00
03.01.2014		75.50	521.00	699.90	4 440.00	10 600.00
02.01.2014		75.50	525.00	696.00	4 440.00	10 600.00
30.12.2013		73.20	517.00	698.00	4 421.00	10 579.00
27.12.2013		74.00	515.60	699.80	4 385.00	10 600.00
23.12.2013		66.40	515.00	700.80	4 360.00	10 600.00
20.12.2013		61.95	514.00	694.20	4 315.00	10 600.00
19.12.2013		60.05	518.50	685.20	4 320.00	10 550.00
18.12.2013		60.00	517.80	685.30	4 303.00	10 600.00
17.12.2013		61.00	514.80	664.50	4 246.00	10 521.00
16.12.2013		60.05	513.90	674.80	4 269.00	10 550.00
13.12.2013		59.00	514.40	653.00	4 205.00	10 520.00
12.12.2013		52.95	520.00	658.80	4 345.00	10 600.00
11.12.2013		52.45	532.90	676.50	4 365.00	10 650.00
10.12.2013		52.20	533.70	678.50	4 220.00	10 510.00

09.12.2013	52.00	533.00	682.70	4 200.00	10 600.00
06.12.2013	52.80	525.50	675.00	4 340.00	10 604.00
05.12.2013	53.35	530.00	675.00	4 474.00	10 650.00
04.12.2013	52.90	540.80	682.10	4 500.00	10 750.00
03.12.2013	51.30	545.00	689.00	4 543.00	10 866.00
02.12.2013	51.70	560.00	699.70	4 505.00	10 760.00
29.11.2013	50.85	559.00	709.20	4 627.00	10 790.00
28.11.2013	50.55	555.00	706.60	4 586.00	10 880.00
27.11.2013	49.00	553.00	704.00	4 580.00	10 825.00
26.11.2013	46.05	540.10	697.00	4 450.00	10 800.00
25.11.2013	48.00	550.30	697.50	4 511.00	10 950.00
22.11.2013	48.25	560.60	693.00	4 510.00	10 760.00
21.11.2013	47.00	556.10	686.70	4 466.00	10 705.00
20.11.2013	47.25	559.00	676.00	4 585.00	10 701.00
19.11.2013	45.95	558.50	686.30	4 600.00	10 798.00
18.11.2013	46.40	559.70	693.70	4 630.00	10 800.00
15.11.2013	45.30	550.40	684.90	4 580.00	10 777.00
14.11.2013	43.85	548.90	680.20	4 500.00	10 550.00
13.11.2013	43.50	558.00	676.00	4 451.00	10 625.00
12.11.2013	45.25	568.00	696.90	4 430.00	10 690.00
11.11.2013	44.70	563.50	699.40	4 490.00	10 699.00
08.11.2013	43.90	567.20	687.60	4 560.00	10 700.00
07.11.2013	43.80	566.00	706.00	4 810.00	10 690.00
06.11.2013	45.55	563.50	687.30	4 810.00	10 799.00
05.11.2013	44.15	542.30	679.00	4 770.00	10 700.00
04.11.2013	55.70	549.00	691.90	4 790.00	10 750.00
01.11.2013	58.30	541.20	669.70	4 738.00	10 810.00
31.10.2013	55.30	547.00	672.80	4 718.00	10 785.00
30.10.2013	56.75	555.00	680.00	4 620.00	10 840.00
29.10.2013	115.00	545.00	642.00	4 590.00	10 811.00
25.10.2013	119.55	511.90	625.70	4 410.00	10 743.00
24.10.2013	120.80	514.00	631.20	4 425.00	10 690.00
23.10.2013	120.20	510.90	624.00	4 460.00	10 650.00
22.10.2013	117.00	514.00	635.50	4 519.00	10 703.00
21.10.2013	115.45	509.80	635.50	4 550.00	10 740.00
18.10.2013	112.90	499.00	632.70	4 525.00	10 770.00
17.10.2013	106.00	485.00	619.90	4 460.00	10 740.00
16.10.2013	109.75	474.90	629.90	4 470.00	10 742.00
15.10.2013	108.50	469.00	624.40	4 410.00	10 785.00
14.10.2013	105.30	472.00	617.00	4 299.00	10 800.00
11.10.2013	107.10	482.90	615.90	4 300.00	10 750.00
10.10.2013	104.05	493.00	613.20	4 345.00	10 800.00
09.10.2013	103.00	491.00	599.20	4 234.00	10 740.00
08.10.2013	108.50	489.00	599.00	4 211.00	10 711.00
07.10.2013	105.50	488.00	604.30	4 240.00	10 800.00
04.10.2013	103.00	483.40	610.80	4 225.00	10 886.00
03.10.2013	104.60	485.00	605.00	4 261.00	10 849.00
02.10.2013	103.50	495.80	610.00	4 325.00	10 713.00
01.10.2013	101.00	496.00	614.00	4 275.00	10 751.00
30.09.2013	97.80	491.00	605.00	4 227.00	10 890.00

27.09.2013	100.00	501.50	601.00	4 230.00	10 900.00
26.09.2013	99.50	499.50	603.50	4 168.00	10 850.00
25.09.2013	101.75	497.00	608.80	4 150.00	10 850.00
24.09.2013	102.00	497.00	613.10	4 161.00	10 950.00
23.09.2013	102.30	492.70	615.20	4 170.00	10 800.00
20.09.2013	100.00	488.00	611.80	4 140.00	10 706.00
19.09.2013	100.65	502.50	620.50	4 252.00	10 800.00
18.09.2013	101.80	511.80	608.20	4 261.00	10 910.00
17.09.2013	101.80	516.00	609.00	4 247.00	10 900.00
16.09.2013	98.90	514.50	620.00	4 220.00	10 966.00
13.09.2013	93.20	512.00	600.10	4 236.00	10 802.00
12.09.2013	91.85	514.00	623.10	4 300.00	10 890.00
11.09.2013	92.35	497.00	639.00	4 250.00	10 980.00
10.09.2013	91.50	475.00	643.50	4 189.00	10 990.00
09.09.2013	88.30	457.90	640.00	4 051.00	10 925.00
06.09.2013	86.90	460.90	631.30	4 100.00	10 950.00
05.09.2013	86.60	448.00	640.00	4 148.00	11 005.00
04.09.2013	86.40	427.90	635.30	4 223.00	10 850.00
03.09.2013	88.70	433.60	635.50	4 231.00	10 900.00
02.09.2013	86.50	441.50	635.30	4 200.00	10 899.00
30.08.2013	89.45	450.60	626.10	4 200.00	10 825.00
29.08.2013	88.90	448.20	632.50	4 181.00	10 816.00
28.08.2013	88.40	450.20	620.50	4 180.00	10 800.00
27.08.2013	89.00	454.00	622.20	4 235.00	10 890.00
26.08.2013	92.60	450.00	647.60	4 272.00	10 750.00
23.08.2013	85.90	450.00	655.00	4 280.00	10 610.00
22.08.2013	83.20	445.50	655.90	4 245.00	10 529.00
21.08.2013	85.00	447.90	644.60	4 211.00	10 443.00
20.08.2013	76.00	446.60	643.80	4 225.00	10 750.00
19.08.2013	73.05	450.00	669.30	4 240.00	11 060.00
16.08.2013	76.10	445.50	691.60	4 215.00	11 130.00
15.08.2013	75.50	447.40	666.90	4 210.00	11 000.00
14.08.2013	76.50	451.00	677.00	4 297.00	11 100.00
13.08.2013	74.90	444.00	680.00	4 269.00	11 005.00
12.08.2013	70.00	441.70	664.40	4 300.00	11 005.00
09.08.2013	70.30	443.90	665.40	4 299.00	11 031.00
08.08.2013	69.15	459.00	653.80	4 250.00	11 050.00
07.08.2013	67.75	455.00	634.00	4 120.00	11 150.00
06.08.2013	68.90	462.90	626.50	3 955.00	11 199.00
05.08.2013	68.00	468.00	623.50	3 900.00	11 245.00
02.08.2013	68.00	465.20	620.00	4 030.00	11 150.00
01.08.2013	66.80	464.80	611.80	4 006.00	11 150.00
31.07.2013	66.00	464.00	593.20	3 800.00	11 183.00
30.07.2013	67.40	467.00	589.40	3 800.00	11 180.00
29.07.2013	67.95	460.30	587.70	3 700.00	11 245.00
26.07.2013	71.20	464.00	587.40	3 637.00	11 320.00
25.07.2013	72.90	463.50	573.00	3 684.00	11 332.00
24.07.2013	73.50	466.80	575.00	3 692.00	11 249.00
23.07.2013	73.90	470.00	550.00	3 580.00	11 305.00
22.07.2013	70.45	461.60	538.40	3 481.00	11 300.00

19.07.2013	71.50	462.90	540.80	3 530.00	11 305.00
18.07.2013	70.25	464.00	564.00	3 535.00	11 303.00
17.07.2013	70.00	460.70	552.00	3 580.00	11 300.00
16.07.2013	69.30	468.00	548.00	3 604.00	11 250.00
15.07.2013	68.50	470.10	558.70	3 644.00	11 086.00
12.07.2013	67.70	483.10	557.80	3 680.00	11 194.00
11.07.2013	68.00	480.00	533.50	3 630.00	11 220.00
10.07.2013	67.45	475.00	512.00	3 560.00	11 220.00
09.07.2013	65.80	470.00	519.90	3 535.00	11 299.00
08.07.2013	64.60	484.50	527.20	3 543.00	11 300.00
04.07.2013	64.90	496.00	517.60	3 560.00	11 072.00
03.07.2013	63.80	496.00	500.90	3 534.00	11 320.00
02.07.2013	66.00	502.00	517.20	3 680.00	11 090.00
01.07.2013	67.00	484.40	529.00	3 659.00	11 300.00
28.06.2013	68.00	479.00	530.00	3 710.00	11 220.00
27.06.2013	67.35	470.00	542.60	3 630.00	11 225.00
26.06.2013	66.80	465.00	543.00	3 518.00	11 245.00
25.06.2013	66.80	460.90	521.90	3 579.00	11 195.00
24.06.2013	66.40	471.00	524.90	3 560.00	11 098.00
21.06.2013	65.65	474.00	570.00	3 539.00	11 200.00
20.06.2013	63.60	514.90	593.80	3 490.00	11 050.00
19.06.2013	65.30	521.00	620.20	3 520.00	11 051.00
18.06.2013	66.00	520.80	619.90	3 517.00	11 190.00
17.06.2013	65.80	500.10	614.40	3 636.00	11 221.00
14.06.2013	61.60	515.00	616.20	3 650.00	11 320.00
13.06.2013	61.60	524.00	609.00	3 630.00	11 051.00
12.06.2013	64.20	536.00	607.10	3 655.00	11 120.00
11.06.2013	67.00	540.00	610.10	3 715.00	11 090.00
10.06.2013	66.90	548.40	614.50	3 722.00	11 139.00
07.06.2013	64.50	559.00	622.80	3 732.00	11 060.00
06.06.2013	67.50	561.80	617.90	3 738.00	11 050.00
05.06.2013	67.50	562.60	641.00	3 726.00	11 010.00
04.06.2013	68.70	563.60	651.10	3 726.00	11 070.00
03.06.2013	68.50	556.00	640.00	3 711.00	10 980.00
31.05.2013	67.45	550.10	642.00	3 755.00	11 000.00
30.05.2013	67.30	551.90	662.00	3 860.00	11 088.00
29.05.2013	70.65	560.00	659.00	3 870.00	10 931.00
28.05.2013	76.80	558.00	664.10	3 855.00	11 111.00
27.05.2013	74.90	557.50	647.40	3 860.00	11 199.00
24.05.2013	71.60	550.90	641.20	3 825.00	11 160.00
23.05.2013	71.40	546.50	655.00	3 830.00	10 975.00
22.05.2013	66.80	557.00	670.00	3 745.00	10 853.00
21.05.2013	61.50	559.90	658.00	3 750.00	10 857.00
20.05.2013	59.15	557.00	667.30	3 756.00	10 999.00
17.05.2013	58.50	558.00	669.00	3 782.00	10 950.00
16.05.2013	58.00	562.20	662.00	3 791.00	11 180.00
15.05.2013	59.00	562.00	650.10	3 785.00	11 271.00
14.05.2013	58.95	564.90	639.90	3 810.00	11 259.00
13.05.2013	57.20	566.00	628.90	3 693.00	11 250.00
10.05.2013	53.60	562.20	623.90	3 630.00	11 260.00

09.05.2013	52.65	570.00	623.30	3 700.00	11 200.00
07.05.2013	53.30	569.00	619.40	3 819.00	11 200.00
06.05.2013	54.05	569.00	615.80	3 838.00	11 209.00
03.05.2013	55.35	568.00	605.00	3 850.00	11 070.00
02.05.2013	68.00	563.50	601.00	3 825.00	10 900.00
30.04.2013	76.80	566.90	614.90	3 744.00	11 170.00
29.04.2013	77.10	558.80	621.50	3 720.00	11 274.00
26.04.2013	86.30	550.00	618.20	3 682.00	11 200.00
25.04.2013	80.50	557.20	624.60	3 690.00	11 100.00
24.04.2013	78.00	561.20	626.00	3 700.00	11 111.00
23.04.2013	76.20	558.20	636.00	3 650.00	11 220.00
22.04.2013	76.50	566.50	616.00	3 589.00	10 930.00
19.04.2013	78.90	564.70	600.40	3 548.00	11 050.00
18.04.2013	75.00	563.00	595.10	3 400.00	10 850.00
17.04.2013	77.05	567.00	613.00	3 517.00	10 860.00
16.04.2013	79.10	567.00	614.60	3 590.00	11 700.00
15.04.2013	81.00	584.00	608.70	3 580.00	11 651.00
12.04.2013	86.50	590.00	619.60	3 800.00	11 700.00
11.04.2013	91.10	580.00	641.00	3 804.00	11 730.00
10.04.2013	86.60	585.50	622.00	3 766.00	11 660.00
09.04.2013	78.45	579.80	585.20	3 750.00	11 700.00
08.04.2013	79.50	567.30	567.60	3 710.00	11 654.00
05.04.2013	75.10	566.00	568.50	3 791.00	11 800.00
04.04.2013	77.00	568.00	577.50	3 881.00	11 750.00
03.04.2013	78.50	580.00	579.20	3 934.00	11 800.00
02.04.2013	83.40	597.50	574.00	3 930.00	11 519.00
28.03.2013	83.00	588.50	565.00	3 839.00	11 300.00
27.03.2013	87.10	575.00	567.00	3 760.00	11 280.00
26.03.2013	87.60	566.00	570.90	3 781.00	11 200.00
25.03.2013	90.10	569.60	569.00	3 800.00	11 225.00
22.03.2013	92.40	575.50	590.80	3 800.00	11 170.00
21.03.2013	94.95	572.60	599.00	3 825.00	11 200.00
20.03.2013	96.60	564.50	595.00	3 860.00	11 159.00
19.03.2013	95.00	564.00	587.00	3 870.00	11 270.00
18.03.2013	97.45	576.00	593.70	3 900.00	11 299.00
15.03.2013	95.00	576.00	610.00	3 950.00	11 310.00
14.03.2013	95.50	602.00	624.50	4 050.00	11 380.00
13.03.2013	98.90	600.80	612.70	4 070.00	11 500.00
12.03.2013	96.40	605.70	627.00	4 135.00	11 500.00
11.03.2013	98.00	619.00	640.00	4 157.00	11 470.00
08.03.2013	97.50	621.00	648.80	4 130.00	11 500.00
07.03.2013	97.00	618.20	638.00	4 125.00	11 500.00
06.03.2013	99.90	612.00	647.00	4 080.00	11 650.00
05.03.2013	100.50	608.00	657.10	3 960.00	11 599.00
04.03.2013	99.00	603.00	637.40	3 908.00	11 515.00
01.03.2013	102.00	596.60	635.00	3 969.00	11 600.00
28.02.2013	102.40	592.00	635.00	3 999.00	11 785.00
27.02.2013	95.00	597.00	598.50	3 929.00	11 565.00
26.02.2013	104.05	607.00	590.00	3 916.00	11 650.00
25.02.2013	109.10	613.50	611.00	4 050.00	11 650.00

22.02.2013	113.20	605.00	592.00	4 026.00	11 630.00
21.02.2013	111.45	599.00	586.50	4 050.00	11 579.00
20.02.2013	113.10	605.40	602.00	4 085.00	11 555.00
19.02.2013	112.50	611.00	589.70	4 065.00	11 685.00
18.02.2013	112.50	616.20	585.00	4 084.00	11 600.00
15.02.2013	113.20	618.90	590.80	4 020.00	11 700.00
14.02.2013	113.10	625.00	592.20	3 940.00	11 595.00
13.02.2013	110.00	633.90	608.50	3 908.00	11 340.00
12.02.2013	106.70	638.00	605.50	3 850.00	11 200.00
11.02.2013	106.50	635.00	585.00	3 851.00	11 554.00
08.02.2013	103.30	628.00	587.40	3 788.00	11 450.00
07.02.2013	102.60	617.90	570.00	3 779.00	11 529.00
06.02.2013	101.00	626.70	578.00	3 800.00	11 565.00
05.02.2013	105.20	615.00	597.80	3 780.00	11 500.00
04.02.2013	108.00	612.00	610.00	3 780.00	11 570.00
01.02.2013	110.70	613.80	632.30	3 790.00	11 490.00
31.01.2013	110.05	612.10	643.00	3 818.00	11 420.00
30.01.2013	114.50	615.00	631.10	3 808.00	11 250.00
29.01.2013	115.20	615.00	632.50	3 838.00	11 220.00
28.01.2013	109.50	613.00	627.60	3 745.00	11 175.00
25.01.2013	110.05	617.00	633.30	3 899.00	11 050.00
24.01.2013	109.00	622.00	614.30	3 887.00	10 860.00
23.01.2013	108.00	643.00	615.60	3 937.00	10 900.00
22.01.2013	108.00	648.00	613.60	3 950.00	10 900.00
21.01.2013	109.00	647.10	624.50	3 926.00	10 800.00
18.01.2013	111.90	652.90	645.50	3 980.00	10 725.00
17.01.2013	110.80	651.70	648.90	3 970.00	10 753.00
16.01.2013	116.30	648.50	651.90	3 935.00	10 715.00
15.01.2013	109.00	644.00	664.80	3 959.00	10 800.00
14.01.2013	112.25	644.90	671.00	3 961.00	10 840.00
11.01.2013	108.30	655.10	667.00	3 999.00	10 800.00
10.01.2013	110.00	661.50	664.70	3 983.00	10 550.00
09.01.2013	118.70	673.50	674.10	4 030.00	11 030.00
08.01.2013	118.85	663.50	658.10	4 010.00	10 800.00
07.01.2013	119.35	658.50	640.70	3 990.00	10 724.00
04.01.2013	120.90	680.00	632.20	4 050.00	10 801.00
03.01.2013	121.45	675.00	634.00	4 104.00	10 738.00
02.01.2013	119.85	680.20	632.00	4 130.00	10 727.00
28.12.2012	109.95	680.00	607.00	4 010.00	10 700.00
27.12.2012	110.00	670.10	609.00	4 031.00	10 700.00
21.12.2012	110.90	675.50	590.60	4 105.00	10 550.00
20.12.2012	109.80	668.00	604.00	4 027.00	10 635.00
19.12.2012	109.45	660.50	617.30	4 075.00	10 700.00
18.12.2012	109.50	658.00	611.00	4 019.00	10 630.00
17.12.2012	106.90	645.00	584.90	3 946.00	10 765.00
14.12.2012	104.90	646.00	582.90	3 920.00	10 840.00
13.12.2012	102.00	646.00	578.30	3 929.00	10 780.00
12.12.2012	100.90	646.00	574.50	3 980.00	10 700.00
11.12.2012	102.50	635.50	563.90	4 009.00	10 510.00
10.12.2012	96.00	622.50	557.80	3 945.00	10 550.00

07.12.2012	90.00	625.00	564.50	4 005.00	10 550.00
06.12.2012	90.95	632.50	564.60	4 064.00	10 600.00
05.12.2012	89.80	644.50	560.00	3 941.00	10 700.00
04.12.2012	91.85	652.00	557.00	3 880.00	10 600.00
03.12.2012	90.30	652.00	568.40	3 809.00	10 670.00
30.11.2012	90.00	645.00	570.00	3 871.00	10 700.00
29.11.2012	93.00	657.00	557.50	3 877.00	10 685.00
28.11.2012	91.40	662.00	533.40	3 845.00	10 700.00
27.11.2012	95.30	677.90	552.10	3 920.00	10 900.00
26.11.2012	94.99	677.00	538.00	3 850.00	10 788.00
23.11.2012	92.90	661.80	533.50	3 901.00	10 500.00
22.11.2012	93.00	643.10	524.00	3 840.00	10 426.00
21.11.2012	93.44	661.50	523.50	3 805.00	10 599.00
20.11.2012	94.20	678.40	526.00	3 845.00	10 600.00
19.11.2012	96.30	675.00	526.90	3 926.00	10 610.00
16.11.2012	93.18	687.00	520.00	3 930.00	10 650.00
15.11.2012	94.00	692.20	518.50	3 820.00	10 700.00
14.11.2012	97.50	700.00	519.00	3 785.00	10 631.00
13.11.2012	98.00	697.00	512.80	3 694.00	10 675.00
12.11.2012	103.90	710.90	518.30	3 743.00	10 601.00
09.11.2012	102.80	709.00	512.30	3 785.00	10 900.00
08.11.2012	107.68	715.00	515.00	3 786.00	11 200.00
07.11.2012	106.50	722.80	515.00	3 859.00	10 900.00
06.11.2012	105.80	724.00	508.50	3 990.00	10 800.00
05.11.2012	102.00	728.90	502.10	3 943.00	10 880.00
02.11.2012	103.20	716.90	494.30	3 995.00	10 500.00
01.11.2012	105.40	717.90	486.00	4 000.00	10 450.00
31.10.2012	109.50	713.60	484.50	3 950.00	10 370.00
30.10.2012	128.00	709.00	472.50	3 990.00	10 500.00
29.10.2012	128.35	709.00	450.90	3 985.00	10 500.00
26.10.2012	128.35	716.50	459.00	4 000.00	10 550.00
25.10.2012	128.50	723.00	463.00	4 125.00	10 685.00
24.10.2012	130.00	723.70	462.00	4 110.00	10 770.00
23.10.2012	127.00	720.60	461.00	4 100.00	10 752.00
22.10.2012	130.50	729.90	475.20	4 157.00	10 890.00
19.10.2012	130.50	732.00	472.10	4 145.00	10 950.00
18.10.2012	134.70	722.10	484.50	4 115.00	11 000.00
17.10.2012	130.40	724.10	479.00	4 175.00	11 150.00
16.10.2012	129.75	729.60	472.00	4 180.00	11 200.00
15.10.2012	130.00	721.00	467.00	4 145.00	11 190.00
12.10.2012	131.29	726.00	463.00	4 121.00	11 285.00
11.10.2012	132.90	726.00	459.00	4 155.00	11 350.00
10.10.2012	131.00	722.00	449.40	4 214.00	11 380.00
09.10.2012	134.00	725.00	449.00	4 171.00	11 333.00
08.10.2012	134.00	729.80	449.00	4 145.00	11 395.00
05.10.2012	135.00	731.30	458.50	4 120.00	11 390.00
04.10.2012	133.00	722.50	448.00	3 981.00	11 393.00
03.10.2012	133.25	728.00	438.50	3 981.00	11 470.00
02.10.2012	133.00	731.00	432.80	3 969.00	11 459.00
01.10.2012	130.00	732.90	443.00	4 035.00	11 450.00



27.09.2012	130.00	729.90	436.30	3 903.00	11 337.00
26.09.2012	126.86	719.50	428.00	3 844.00	11 200.00
25.09.2012	141.40	740.00	446.90	3 900.00	11 300.00
24.09.2012	142.50	739.00	442.00	3 868.00	11 340.00
21.09.2012	145.50	739.00	444.00	3 860.00	11 193.00
20.09.2012	144.40	731.50	443.10	3 835.00	11 350.00
19.09.2012	147.00	733.00	462.50	3 859.00	11 500.00
18.09.2012	142.01	730.00	462.30	3 865.00	11 450.00
17.09.2012	138.00	732.00	466.20	3 904.00	11 309.00
14.09.2012	142.50	735.20	473.00	3 944.00	11 500.00
13.09.2012	130.00	742.90	436.30	3 846.00	11 490.00
12.09.2012	129.00	742.00	448.00	3 898.00	11 550.00
11.09.2012	127.49	744.00	435.20	3 861.00	11 499.00
10.09.2012	126.99	748.00	435.30	3 848.00	11 295.00
07.09.2012	119.80	746.00	433.50	3 900.00	11 220.00
06.09.2012	114.20	754.00	409.30	3 822.00	11 301.00
05.09.2012	113.00	747.00	395.00	3 821.00	11 301.00
04.09.2012	109.10	763.50	393.80	3 780.00	11 363.00
03.09.2012	110.03	774.90	394.50	3 805.00	11 363.00
31.08.2012	111.00	776.00	395.70	3 835.00	11 300.00
30.08.2012	109.24	757.00	388.00	3 750.00	11 449.00
29.08.2012	110.25	760.50	393.00	3 710.00	11 390.00
28.08.2012	109.90	753.50	396.90	3 795.00	11 276.00
27.08.2012	111.18	767.00	403.20	3 879.00	11 400.00
24.08.2012	109.00	763.00	392.60	3 865.00	11 440.00
23.08.2012	109.80	761.00	403.40	3 840.00	11 450.00
22.08.2012	110.00	756.50	404.70	3 886.00	11 434.00
21.08.2012	112.00	752.20	408.70	3 850.00	11 390.00
20.08.2012	112.01	745.00	398.00	3 770.00	11 421.00
17.08.2012	114.00	742.00	411.00	3 805.00	11 350.00
16.08.2012	109.51	741.00	400.60	3 809.00	11 411.00
15.08.2012	108.98	739.80	386.70	3 860.00	11 501.00
14.08.2012	109.00	740.00	387.00	3 758.00	11 281.00
13.08.2012	106.41	726.00	380.10	3 680.00	11 161.00
10.08.2012	107.40	738.00	381.20	3 700.00	11 250.00
09.08.2012	105.50	724.50	380.50	3 700.00	11 250.00
08.08.2012	103.16	716.10	376.00	3 708.00	11 200.00
07.08.2012	101.82	716.00	380.90	3 720.00	11 300.00
06.08.2012	102.50	703.50	378.20	3 780.00	11 350.00
03.08.2012	101.10	707.50	364.00	3 678.00	11 170.00
02.08.2012	102.55	698.00	359.40	3 585.00	11 275.00
01.08.2012	109.42	695.00	362.50	3 575.00	11 357.00
31.07.2012	105.00	693.00	367.40	3 500.00	11 126.00
30.07.2012	104.30	701.50	384.20	3 600.00	11 109.00
27.07.2012	101.35	698.40	376.00	3 528.00	11 020.00
26.07.2012	100.02	708.80	369.50	3 486.00	11 001.00
25.07.2012	103.50	709.00	360.70	3 376.00	11 099.00
24.07.2012	103.90	707.10	358.30	3 398.00	11 092.00
23.07.2012	104.00	698.20	359.50	3 415.00	11 200.00
20.07.2012	103.00	706.00	383.80	3 510.00	11 200.00

19.07.2012	104.00	720.00	388.00	3 559.00	11 500.00
18.07.2012	102.00	728.00	378.30	3 455.00	11 576.00
17.07.2012	102.20	736.50	386.20	3 415.00	11 679.00
16.07.2012	105.80	733.10	378.50	3 354.00	11 775.00
13.07.2012	107.26	733.40	377.40	3 438.00	11 700.00
12.07.2012	107.89	722.50	373.50	3 352.00	11 620.00
11.07.2012	108.90	723.00	383.10	3 410.00	11 750.00
10.07.2012	107.80	713.00	379.50	3 482.00	11 330.00
09.07.2012	107.00	705.00	378.00	3 560.00	11 520.00
04.07.2012	109.85	692.20	400.00	3 630.00	11 088.00
03.07.2012	100.80	684.50	396.90	3 582.00	11 300.00
02.07.2012	101.00	696.90	392.60	3 580.00	11 153.00
29.06.2012	106.79	696.90	381.00	3 500.00	11 225.00
28.06.2012	101.93	696.70	356.30	3 499.00	10 945.00
27.06.2012	100.20	736.00	351.30	3 478.00	11 150.00
26.06.2012	100.60	739.50	350.40	3 455.00	11 118.00
25.06.2012	100.50	732.00	351.60	3 380.00	11 070.00
22.06.2012	102.99	730.00	371.80	3 495.00	11 150.00
21.06.2012	104.90	733.00	373.90	3 500.00	11 150.00
20.06.2012	106.50	730.00	368.60	3 500.00	11 250.00
19.06.2012	115.00	740.40	368.50	3 519.00	11 299.00
18.06.2012	116.30	729.00	359.20	3 480.00	11 299.00
15.06.2012	112.10	723.00	368.10	3 455.00	11 250.00
14.06.2012	114.50	725.00	356.90	3 470.00	11 100.00
13.06.2012	117.00	728.00	355.70	3 390.00	11 140.00
12.06.2012	112.90	729.00	355.00	3 295.00	11 199.00
11.06.2012	107.90	736.00	363.60	3 355.00	11 350.00
08.06.2012	113.20	745.00	365.20	3 360.00	11 299.00
07.06.2012	115.80	753.00	369.90	3 350.00	11 500.00
06.06.2012	118.98	753.00	365.90	3 221.00	11 050.00
05.06.2012	118.50	741.00	369.00	3 145.00	11 110.00
04.06.2012	118.65	733.00	365.00	3 111.00	10 900.00
01.06.2012	118.20	731.00	356.00	3 106.00	11 350.00
31.05.2012	120.13	735.00	363.50	3 100.00	11 170.00
30.05.2012	124.50	738.00	369.90	3 153.00	11 350.00
29.05.2012	124.00	724.50	378.00	3 118.00	11 685.00
28.05.2012	123.00	713.50	367.80	3 089.00	11 640.00
25.05.2012	123.00	725.00	364.50	3 161.00	11 410.00
24.05.2012	131.50	726.00	369.00	3 195.00	11 450.00
23.05.2012	129.00	721.00	371.50	3 245.00	11 600.00
22.05.2012	136.00	723.00	372.60	3 275.00	11 520.00
21.05.2012	129.05	726.00	366.00	3 271.00	11 550.00
18.05.2012	131.25	710.00	363.00	3 275.00	11 613.00
17.05.2012	135.50	705.00	361.10	3 295.00	11 470.00
16.05.2012	139.05	704.50	378.00	3 300.00	11 300.00
15.05.2012	140.00	708.50	371.10	3 300.00	11 599.00
14.05.2012	143.10	710.00	389.00	3 369.00	11 420.00
11.05.2012	150.08	718.00	407.10	3 370.00	11 450.00
10.05.2012	152.95	714.90	412.30	3 335.00	11 501.00
09.05.2012	154.00	710.00	401.00	3 236.00	11 540.00

07.05.2012	157.00	720.10	420.00	3 333.00	11 598.00
04.05.2012	161.00	725.00	419.70	3 360.00	11 560.00
03.05.2012	163.80	738.90	422.70	3 335.00	11 190.00
02.05.2012	155.24	750.00	423.20	3 420.00	11 000.00
30.04.2012	147.80	759.80	428.00	3 465.00	10 945.00
27.04.2012	146.06	758.00	426.00	3 460.00	10 911.00
26.04.2012	139.50	759.90	423.30	3 460.00	10 920.00
25.04.2012	134.10	764.90	435.60	3 424.00	10 942.00
24.04.2012	131.20	772.00	415.00	3 350.00	11 030.00
23.04.2012	128.30	758.90	403.60	3 315.00	10 951.00
20.04.2012	132.50	773.00	405.00	3 420.00	10 999.00
19.04.2012	133.01	765.00	394.10	3 410.00	11 000.00
18.04.2012	135.80	768.50	398.90	3 410.00	10 900.00
17.04.2012	134.50	773.00	391.00	3 410.00	11 575.00
16.04.2012	137.40	753.50	384.00	3 561.00	11 690.00
13.04.2012	134.00	772.50	393.00	3 595.00	11 660.00
12.04.2012	134.40	788.90	402.10	3 615.00	11 700.00
11.04.2012	134.80	784.00	401.50	3 611.00	11 655.00
10.04.2012	134.50	787.50	382.00	3 563.00	11 625.00
06.04.2012	136.00	780.00	381.30	3 529.00	11 700.00
05.04.2012	143.05	785.00	390.70	3 570.00	11 750.00
04.04.2012	142.70	794.80	402.50	3 569.00	11 660.00
03.04.2012	146.50	799.80	423.00	3 629.00	11 700.00
02.04.2012	139.30	803.00	423.00	3 680.00	11 605.00
30.03.2012	135.14	798.50	427.00	3 701.00	11 600.00
29.03.2012	131.50	799.50	421.00	3 725.00	11 590.00
28.03.2012	134.90	802.00	443.60	3 735.00	11 595.00
27.03.2012	134.01	802.00	448.70	3 765.00	11 595.00
26.03.2012	134.20	802.70	450.50	3 759.00	11 550.00
23.03.2012	132.00	809.00	454.00	3 703.00	11 595.00
22.03.2012	138.00	807.90	456.80	3 715.00	11 595.00
21.03.2012	137.50	807.90	457.50	3 680.00	11 576.00
20.03.2012	137.50	805.10	460.10	3 716.00	11 600.00
19.03.2012	138.00	810.00	464.00	3 736.00	11 600.00
16.03.2012	137.00	801.00	458.00	3 715.00	11 600.00
15.03.2012	136.10	800.00	454.50	3 775.00	11 531.00
14.03.2012	142.40	815.00	449.80	3 820.00	11 550.00
13.03.2012	142.20	803.00	452.00	3 832.00	11 690.00
12.03.2012	139.30	797.00	445.90	3 782.00	11 600.00
09.03.2012	136.90	806.90	465.00	3 745.00	11 470.00
08.03.2012	135.50	801.50	462.20	3 775.00	11 550.00
07.03.2012	132.00	812.00	454.30	3 710.00	11 610.00
06.03.2012	128.50	816.00	449.20	3 654.00	11 392.00
05.03.2012	134.25	805.00	472.50	3 630.00	11 419.00
02.03.2012	140.00	804.00	483.90	3 719.00	11 450.00
01.03.2012	141.00	808.80	483.00	3 695.00	11 550.00
29.02.2012	141.00	807.00	476.40	3 660.00	11 403.00
28.02.2012	138.50	799.00	449.10	3 607.00	11 582.00
27.02.2012	137.55	829.00	456.10	3 595.00	11 660.00
24.02.2012	140.20	816.50	458.00	3 640.00	11 600.00

23.02.2012	137.10	815.00	449.00	3 595.00	11 700.00
22.02.2012	153.50	838.70	468.00	3 650.00	11 700.00
21.02.2012	166.20	837.00	475.00	3 614.00	11 699.00
20.02.2012	164.00	837.00	478.10	3 605.00	11 608.00
17.02.2012	165.24	840.00	466.60	3 575.00	11 675.00
16.02.2012	163.05	818.50	467.00	3 590.00	11 520.00
15.02.2012	165.50	822.00	470.70	3 677.00	11 660.00
14.02.2012	165.02	820.00	460.30	3 680.00	11 699.00
13.02.2012	170.50	819.00	475.00	3 710.00	11 606.00
10.02.2012	159.20	805.00	465.80	3 606.00	11 599.00
09.02.2012	164.69	815.10	500.20	3 714.00	11 690.00
08.02.2012	165.00	821.00	487.00	3 724.00	11 700.00
07.02.2012	156.00	807.00	465.00	3 687.00	11 676.00
06.02.2012	156.00	806.00	459.00	3 860.00	11 700.00
03.02.2012	158.00	803.00	468.00	3 780.00	11 699.00
02.02.2012	143.00	791.00	462.00	3 763.00	11 699.00
01.02.2012	136.70	788.00	441.20	3 750.00	11 700.00
31.01.2012	136.50	782.00	424.20	3 699.00	11 700.00
30.01.2012	135.50	764.00	414.50	3 500.00	11 700.00
27.01.2012	135.90	767.00	431.20	3 695.00	11 716.00
26.01.2012	135.20	763.20	441.40	3 710.00	11 700.00
25.01.2012	133.90	751.00	406.40	3 560.00	11 725.00
24.01.2012	135.30	759.00	409.40	3 550.00	11 750.00
23.01.2012	141.50	768.00	425.00	3 538.00	11 782.00
20.01.2012	132.00	775.20	379.10	3 500.00	11 790.00
19.01.2012	127.90	760.00	367.90	3 395.00	12 000.00
18.01.2012	119.90	758.90	348.00	3 320.00	12 050.00
17.01.2012	121.10	749.00	345.00	3 295.00	11 757.00
16.01.2012	124.40	760.00	337.20	3 295.00	12 000.00
13.01.2012	125.00	755.00	332.00	3 225.00	11 926.00
12.01.2012	127.00	778.90	324.20	3 250.00	11 960.00
11.01.2012	127.30	777.90	316.00	3 186.00	12 060.00
10.01.2012	128.74	798.00	320.60	3 245.00	11 950.00
09.01.2012	127.20	793.00	312.90	3 150.00	12 075.00
06.01.2012	131.71	769.60	334.00	3 243.00	12 100.00
05.01.2012	132.00	778.50	326.90	3 319.00	12 100.00
04.01.2012	134.60	805.00	353.70	3 384.00	12 119.00
03.01.2012	138.00	800.90	366.50	3 435.00	12 460.00
02.01.2012	133.64	791.00	359.00	3 385.00	12 456.00
30.12.2011	127.95	786.00	347.00	3 330.00	12 580.00
29.12.2011	126.79	790.00	346.00	3 308.00	12 556.00
28.12.2011	128.00	780.00	347.00	3 283.00	12 500.00
27.12.2011	132.90	783.00	348.20	3 319.00	12 250.00
23.12.2011	129.63	769.00	347.10	3 265.00	11 886.00
22.12.2011	130.50	776.00	337.00	3 212.00	11 990.00
21.12.2011	129.00	777.00	330.30	3 190.00	11 700.00
20.12.2011	125.70	785.10	315.80	3 150.00	11 420.00
19.12.2011	131.10	753.00	303.80	3 135.00	11 411.00
16.12.2011	132.00	746.00	318.70	3 100.00	11 460.00
15.12.2011	140.80	754.00	303.00	3 125.00	12 000.00

14.12.2011	145.01	750.00	293.60	3 135.00	12 090.00
13.12.2011	150.00	752.00	308.20	3 155.00	12 050.00
12.12.2011	147.44	745.00	310.80	3 144.00	12 050.00
09.12.2011	147.01	751.00	326.00	3 220.00	12 211.00
08.12.2011	150.51	744.60	344.20	3 170.00	12 251.00
07.12.2011	150.00	734.00	349.80	3 194.00	12 250.00
06.12.2011	153.50	746.00	341.10	3 320.00	12 101.00
05.12.2011	154.00	759.10	348.70	3 385.00	12 050.00
02.12.2011	156.90	750.00	334.20	3 280.00	12 320.00
01.12.2011	157.00	742.00	324.50	3 135.00	12 500.00
30.11.2011	159.00	742.50	331.00	3 118.00	12 280.00
29.11.2011	150.00	707.00	307.20	2 960.00	12 350.00
28.11.2011	152.90	723.00	313.50	3 083.00	12 450.00
25.11.2011	147.10	718.00	287.80	3 050.00	12 400.00
24.11.2011	151.00	729.50	284.90	3 115.00	12 380.00
23.11.2011	144.33	723.60	283.90	3 065.00	12 300.00
22.11.2011	148.85	734.50	289.00	2 995.00	12 080.00
21.11.2011	150.21	736.50	307.00	3 014.00	12 076.00
18.11.2011	169.00	747.10	333.10	3 050.00	11 501.00
16.11.2011	186.00	758.50	348.50	3 081.00	11 500.00
15.11.2011	190.00	759.80	361.00	3 075.00	11 435.00
14.11.2011	192.90	758.10	378.00	3 160.00	11 520.00
11.11.2011	190.40	764.10	374.10	3 203.00	11 431.00
10.11.2011	185.00	752.00	370.00	3 196.00	11 400.00
09.11.2011	188.80	739.00	373.00	3 249.00	11 450.00
08.11.2011	192.00	737.00	380.00	3 345.00	11 500.00
07.11.2011	191.62	752.00	368.50	3 300.00	11 400.00
04.11.2011	192.00	760.50	376.90	3 429.00	11 400.00
03.11.2011	189.00	771.90	376.70	3 460.00	11 620.00
02.11.2011	188.50	757.00	376.00	3 240.00	11 600.00
01.11.2011	182.00	741.90	375.90	3 259.00	11 600.00
31.10.2011	196.50	760.00	394.90	3 466.00	11 800.00
27.10.2011	209.00	777.10	443.10	3 610.00	11 720.00
26.10.2011	198.80	774.00	415.00	3 560.00	12 292.00
25.10.2011	200.00	763.00	405.70	3 509.00	12 250.00
24.10.2011	203.90	755.00	405.00	3 489.00	11 750.00
21.10.2011	192.10	742.10	395.00	3 550.00	11 400.00
20.10.2011	177.00	722.00	385.00	3 550.00	10 950.00
19.10.2011	184.90	728.60	396.80	3 617.00	11 395.00
18.10.2011	178.90	729.90	390.50	3 614.00	11 460.00
17.10.2011	181.00	730.00	394.90	3 500.00	11 525.00
14.10.2011	181.50	753.90	414.90	3 480.00	11 680.00
13.10.2011	174.01	769.00	423.60	3 465.00	11 568.00
12.10.2011	180.00	751.00	452.90	3 477.00	11 700.00
11.10.2011	171.50	712.00	441.50	3 420.00	11 500.00
10.10.2011	159.00	712.00	444.00	3 522.00	11 209.00
07.10.2011	156.25	701.00	512.80	3 494.00	11 110.00
06.10.2011	146.50	703.00	490.50	3 439.00	11 300.00
05.10.2011	136.00	691.00	445.20	3 265.00	10 951.00
04.10.2011	125.50	695.00	421.10	3 300.00	11 000.00

03.10.2011	138.20	704.50	450.00	3 441.00	11 000.00
30.09.2011	143.50	710.00	480.00	3 436.00	11 150.00
29.09.2011	154.00	713.40	495.00	3 455.00	11 299.00
27.09.2011	156.50	703.70	508.00	3 350.00	10 729.00
26.09.2011	149.70	700.00	456.00	3 190.00	10 660.00
23.09.2011	146.00	679.00	408.10	2 990.00	10 550.00
22.09.2011	152.00	705.10	444.10	3 028.00	10 600.00
21.09.2011	172.99	725.00	484.50	3 120.00	10 847.00
20.09.2011	173.20	699.90	473.00	3 022.00	10 570.00
19.09.2011	173.00	702.00	483.70	2 999.00	10 720.00
16.09.2011	183.24	741.00	515.00	3 200.00	10 827.00
15.09.2011	187.00	767.00	510.10	3 355.00	10 769.00
14.09.2011	177.11	767.00	491.00	3 190.00	10 800.00
13.09.2011	180.00	750.00	504.00	3 215.00	10 550.00
12.09.2011	176.70	746.00	506.00	3 200.00	10 650.00
09.09.2011	195.30	758.00	537.00	3 350.00	10 870.00
08.09.2011	204.00	775.00	570.10	3 446.00	10 857.00
07.09.2011	203.70	761.30	570.20	3 400.00	10 801.00
06.09.2011	195.55	756.00	559.50	3 310.00	10 750.00
05.09.2011	200.00	762.00	558.90	3 254.00	10 707.00
02.09.2011	208.00	779.80	582.90	3 485.00	10 600.00
01.09.2011	213.00	780.00	602.90	3 512.00	10 694.00
31.08.2011	218.10	790.00	610.00	3 530.00	10 583.00
30.08.2011	212.60	769.00	594.00	3 471.00	10 450.00
29.08.2011	212.00	766.10	596.00	3 489.00	10 895.00
26.08.2011	202.10	750.00	573.90	3 480.00	10 520.00
25.08.2011	212.00	758.00	588.90	3 500.00	10 500.00
24.08.2011	214.00	765.00	575.50	3 400.00	10 441.00
23.08.2011	202.00	757.00	567.90	3 265.00	10 550.00
22.08.2011	210.00	770.50	569.00	3 180.00	10 438.00
19.08.2011	213.50	763.00	581.10	3 082.00	10 500.00
18.08.2011	223.80	770.00	604.00	3 130.00	10 599.00
17.08.2011	232.00	766.00	652.10	3 220.00	10 500.00
16.08.2011	230.00	764.00	642.90	3 085.00	10 345.00
15.08.2011	226.50	753.00	656.00	3 170.00	10 250.00
12.08.2011	220.10	752.00	623.20	2 999.00	10 250.00
11.08.2011	216.10	750.00	628.50	3 000.00	10 251.00
10.08.2011	219.00	759.00	600.80	2 900.00	10 249.00
09.08.2011	215.90	767.00	614.00	3 230.00	9 850.00
08.08.2011	212.00	770.00	660.00	3 500.00	10 100.00
05.08.2011	253.00	839.70	696.00	3 560.00	10 400.00
04.08.2011	284.80	855.00	704.50	3 600.00	10 600.00
03.08.2011	296.00	850.00	744.00	3 690.00	10 500.00
02.08.2011	318.00	855.00	781.00	3 770.00	10 600.00
01.08.2011	324.50	862.00	805.00	3 820.00	10 100.00
29.07.2011	316.00	870.00	803.00	3 759.00	10 029.00
28.07.2011	323.00	855.80	801.40	3 842.00	10 000.00
27.07.2011	325.50	854.00	811.00	3 870.00	10 049.00
26.07.2011	308.50	860.00	811.00	3 938.00	9 991.00
25.07.2011	314.80	876.00	826.60	4 030.00	10 050.00

22.07.2011	307.40	870.30	839.80	4 025.00	10 019.00
21.07.2011	297.00	878.00	845.50	4 050.00	9 970.00
20.07.2011	294.10	847.90	823.50	4 040.00	9 875.00
19.07.2011	296.00	844.00	804.80	4 045.00	9 929.00
18.07.2011	299.50	842.20	810.90	4 017.00	9 946.00
15.07.2011	311.90	850.00	827.00	4 050.00	9 984.00
14.07.2011	318.00	862.50	817.50	4 021.00	9 960.00
13.07.2011	329.50	864.00	822.50	4 040.00	9 900.00
12.07.2011	321.00	854.00	816.50	3 985.00	9 980.00
11.07.2011	323.00	861.00	816.00	4 038.00	9 805.00
08.07.2011	327.40	865.00	848.50	4 057.00	9 890.00
07.07.2011	330.10	874.70	871.00	4 056.00	9 901.00
04.07.2011	319.50	852.00	886.00	4 075.00	9 785.00
01.07.2011	326.90	867.10	882.20	4 100.00	9 742.00
30.06.2011	336.00	863.00	859.20	4 090.00	9 700.00
29.06.2011	337.90	864.90	845.30	4 050.00	9 727.00
28.06.2011	331.40	854.00	820.10	3 910.00	9 740.00
27.06.2011	336.50	852.10	805.60	3 935.00	9 697.00
24.06.2011	334.70	875.50	809.00	3 990.00	9 700.00
23.06.2011	333.60	876.00	832.30	3 995.00	9 630.00
22.06.2011	342.90	891.00	845.00	4 072.00	9 700.00
21.06.2011	343.20	901.90	834.50	4 148.00	9 600.00
20.06.2011	333.00	892.00	816.20	4 052.00	9 552.00
17.06.2011	328.20	886.00	827.60	4 080.00	9 550.00
16.06.2011	336.10	888.00	817.20	4 080.00	9 436.00
15.06.2011	340.00	893.00	830.00	4 117.00	9 600.00
14.06.2011	335.50	891.00	837.10	4 090.00	9 595.00
13.06.2011	341.00	900.00	829.90	4 094.00	9 500.00
10.06.2011	340.60	885.00	825.50	4 060.00	9 500.00
09.06.2011	342.60	870.00	818.40	4 033.00	9 500.00
08.06.2011	346.50	880.00	825.90	4 074.00	9 540.00
07.06.2011	345.90	886.00	834.20	4 080.00	9 450.00
06.06.2011	347.40	889.90	837.10	4 075.00	9 447.00
03.06.2011	347.80	899.90	843.00	4 100.00	9 460.00
02.06.2011	360.00	940.00	836.50	4 089.00	9 455.00
01.06.2011	363.00	940.40	842.60	4 090.00	9 310.00
31.05.2011	375.00	941.00	846.10	4 071.00	9 400.00
30.05.2011	372.10	934.00	837.00	4 047.00	9 318.00
27.05.2011	371.30	930.00	835.10	4 057.00	9 250.00
26.05.2011	371.20	928.10	832.20	4 052.00	9 300.00
25.05.2011	369.00	928.00	827.00	4 044.00	9 250.00
24.05.2011	376.30	938.00	821.20	4 100.00	9 300.00
23.05.2011	379.40	944.00	814.00	4 040.00	9 300.00
20.05.2011	390.00	947.00	824.00	4 150.00	9 277.00
19.05.2011	386.00	944.00	824.10	4 184.00	9 170.00
18.05.2011	383.10	945.50	818.90	4 130.00	9 135.00
17.05.2011	382.10	942.90	818.00	4 160.00	9 265.00
16.05.2011	385.00	959.00	821.00	4 152.00	9 331.00
13.05.2011	390.00	961.00	830.80	4 160.00	9 400.00
12.05.2011	386.90	957.00	832.00	4 180.00	9 350.00

11.05.2011	394.20	952.90	838.00	4 205.00	9 379.00
10.05.2011	391.00	947.00	834.90	4 235.00	9 300.00
09.05.2011	388.00	937.00	822.00	4 292.00	9 320.00
06.05.2011	384.00	938.50	823.00	4 300.00	9 350.00
05.05.2011	378.10	930.00	821.00	4 295.00	9 349.00
04.05.2011	370.00	944.00	835.90	4 335.00	9 350.00
03.05.2011	371.00	936.00	831.10	4 300.00	9 260.00
02.05.2011	377.00	945.00	843.00	4 330.00	9 299.00
29.04.2011	373.80	936.00	831.00	4 305.00	9 280.00
28.04.2011	369.00	944.50	828.00	4 319.00	9 285.00
27.04.2011	367.00	928.00	855.00	4 279.00	9 150.00
26.04.2011	346.20	915.00	841.20	4 239.00	9 250.00
22.04.2011	344.10	906.10	858.00	4 255.00	9 225.00
21.04.2011	343.50	911.80	858.80	4 250.00	9 115.00
20.04.2011	349.00	890.00	848.00	4 200.00	9 110.00
19.04.2011	359.80	878.00	842.30	4 180.00	10 280.00
18.04.2011	356.70	871.00	843.00	4 128.00	10 200.00
15.04.2011	359.00	881.00	862.60	4 175.00	10 340.00
14.04.2011	356.90	879.50	864.00	4 150.00	10 345.00
13.04.2011	366.50	895.00	880.00	4 182.00	10 350.00
12.04.2011	358.50	885.00	875.10	4 080.00	10 306.00
11.04.2011	366.40	882.90	881.00	4 382.00	10 445.00
08.04.2011	369.90	884.90	880.00	4 390.00	10 570.00
07.04.2011	367.90	885.00	889.90	4 399.00	10 745.00
06.04.2011	371.90	893.00	885.00	4 405.00	10 750.00
05.04.2011	365.60	888.00	873.90	4 395.00	10 601.00
04.04.2011	374.00	889.70	880.50	4 390.00	10 500.00
01.04.2011	366.50	873.90	882.10	4 351.00	10 460.00
31.03.2011	365.50	884.80	878.00	4 369.00	10 425.00
30.03.2011	364.50	894.90	887.30	4 369.00	10 380.00
29.03.2011	366.00	895.00	879.00	4 342.00	10 390.00
28.03.2011	371.00	879.20	887.80	4 386.00	9 690.00
25.03.2011	363.00	863.00	880.00	4 327.00	9 500.00
24.03.2011	357.00	856.00	886.00	4 270.00	9 490.00
23.03.2011	357.50	849.00	870.00	4 174.00	9 550.00
22.03.2011	357.50	843.00	850.90	4 180.00	9 500.00
21.03.2011	352.90	848.10	858.00	4 205.00	9 450.00
18.03.2011	345.00	829.40	832.30	4 200.00	9 350.00
17.03.2011	340.00	824.50	846.00	4 190.00	9 300.00
16.03.2011	336.00	824.00	837.10	4 200.00	9 270.00
15.03.2011	338.90	819.90	843.00	4 270.00	9 332.00
14.03.2011	341.00	803.00	861.00	4 291.00	9 409.00
11.03.2011	348.80	809.00	872.00	4 309.00	9 570.00
10.03.2011	344.00	805.20	868.10	4 269.00	9 555.00
09.03.2011	353.60	812.00	867.10	4 275.00	9 550.00
08.03.2011	348.90	806.50	870.00	4 240.00	9 600.00
07.03.2011	343.00	808.50	875.10	4 230.00	9 458.00
04.03.2011	356.00	809.00	889.50	4 279.00	9 600.00
03.03.2011	355.80	808.00	902.90	4 314.00	9 525.00
02.03.2011	335.00	797.70	912.00	4 285.00	9 389.00



01.03.2011	339.10	805.00	911.00	4 270.00	9 250.00
28.02.2011	345.20	810.00	937.80	4 250.00	9 200.00
25.02.2011	350.50	830.00	920.00	4 210.00	9 400.00
24.02.2011	341.00	825.20	931.50	4 145.00	9 355.00
23.02.2011	352.10	827.00	935.00	4 139.00	9 520.00
22.02.2011	333.30	818.00	944.50	4 145.00	9 600.00
21.02.2011	338.00	827.00	930.50	4 191.00	9 600.00
18.02.2011	340.00	817.00	934.20	4 150.00	9 527.00
17.02.2011	332.10	809.00	930.80	4 160.00	9 450.00
16.02.2011	335.60	812.60	946.00	4 229.00	9 880.00
15.02.2011	335.00	805.00	926.10	4 369.00	9 950.00
14.02.2011	338.50	816.00	920.00	4 378.00	10 000.00
11.02.2011	329.00	816.00	917.90	4 237.00	9 950.00
10.02.2011	336.00	815.00	912.00	4 245.00	9 850.00
09.02.2011	342.00	825.00	925.00	4 270.00	9 900.00
08.02.2011	338.00	817.00	906.50	4 285.00	9 800.00
07.02.2011	332.60	822.50	897.50	4 376.00	9 999.00
04.02.2011	327.00	827.00	909.00	4 355.00	10 000.00
03.02.2011	316.90	818.00	890.20	4 230.00	9 911.00
02.02.2011	331.00	825.00	902.00	4 255.00	9 980.00
01.02.2011	335.00	840.10	887.00	4 250.00	10 070.00
31.01.2011	324.00	833.00	886.20	4 221.00	10 240.00
28.01.2011	335.00	817.50	870.00	4 300.00	10 150.00
27.01.2011	341.40	845.00	869.00	4 370.00	10 300.00
26.01.2011	351.40	846.50	867.20	4 365.00	10 345.00
25.01.2011	349.00	845.00	850.00	4 340.00	10 050.00
24.01.2011	358.00	870.00	876.00	4 334.00	10 100.00
21.01.2011	366.00	879.00	888.60	4 378.00	10 105.00
20.01.2011	359.10	855.00	888.00	4 310.00	10 240.00
19.01.2011	363.90	875.00	888.10	4 390.00	10 290.00
18.01.2011	365.00	871.90	889.00	4 474.00	10 300.00
17.01.2011	367.90	848.00	858.20	4 510.00	10 300.00
14.01.2011	355.90	835.10	853.60	4 500.00	10 330.00
13.01.2011	364.60	835.00	857.00	4 494.00	10 420.00
12.01.2011	377.00	835.10	849.60	4 440.00	10 520.00
11.01.2011	383.90	822.00	836.00	4 374.00	10 378.00
10.01.2011	381.20	817.00	827.80	4 300.00	10 295.00
07.01.2011	389.90	839.00	859.00	4 345.00	10 250.00
06.01.2011	396.90	836.00	880.00	4 410.00	10 200.00
05.01.2011	396.50	821.70	879.00	4 392.00	10 170.00
04.01.2011	399.00	820.10	902.00	4 420.00	10 200.00
03.01.2011	400.50	800.00	898.40	4 439.00	10 200.00
30.12.2010	384.50	783.00	890.00	4 435.00	10 240.00
29.12.2010	387.00	780.00	900.00	4 529.00	10 180.00
28.12.2010	382.60	777.10	894.00	4 365.00	10 000.00
27.12.2010	381.10	777.00	882.00	4 398.00	10 101.00
23.12.2010	390.00	779.20	889.00	4 450.00	10 200.00
22.12.2010	386.20	774.50	879.00	4 583.00	10 061.00
21.12.2010	374.10	771.00	870.00	4 530.00	9 950.00
20.12.2010	371.10	770.00	854.00	4 405.00	10 000.00

17.12.2010	366.10	774.00	845.00	4 350.00	10 000.00
16.12.2010	375.40	763.00	867.00	4 458.00	10 008.00
15.12.2010	372.40	750.10	856.40	4 515.00	10 000.00
14.12.2010	385.20	752.90	852.10	4 410.00	10 013.00
13.12.2010	387.50	755.00	853.90	4 497.00	10 099.00
10.12.2010	382.40	758.00	841.50	4 329.00	10 100.00
09.12.2010	377.00	753.80	838.10	4 190.00	10 040.00
08.12.2010	381.40	773.20	815.50	4 197.00	10 165.00
07.12.2010	381.00	779.80	818.60	4 220.00	10 225.00
06.12.2010	376.00	778.60	814.00	4 293.00	10 299.00
03.12.2010	373.00	773.00	806.90	4 330.00	10 250.00
02.12.2010	368.50	766.00	813.20	4 380.00	10 040.00
01.12.2010	370.00	754.50	795.00	4 350.00	10 040.00
30.11.2010	356.00	751.00	749.00	4 050.00	10 000.00
29.11.2010	350.10	763.00	760.00	4 115.00	10 100.00
26.11.2010	365.00	769.00	774.30	4 048.00	10 285.00
25.11.2010	377.30	770.00	775.00	4 075.00	10 300.00
24.11.2010	379.00	755.10	775.20	4 070.00	10 400.00
23.11.2010	373.50	744.90	774.00	4 160.00	10 200.00
22.11.2010	372.00	741.50	808.00	4 190.00	10 000.00
19.11.2010	380.00	746.00	810.20	4 182.00	9 953.00
18.11.2010	380.00	745.00	808.20	4 199.00	10 380.00
16.11.2010	384.50	752.00	786.50	4 199.00	10 205.00
15.11.2010	390.00	755.00	791.00	4 210.00	10 050.00
12.11.2010	398.90	759.00	795.90	4 219.00	10 100.00
11.11.2010	395.30	760.00	764.00	4 200.00	10 021.00
10.11.2010	414.00	773.50	794.50	4 220.00	10 000.00
09.11.2010	412.00	784.00	813.00	4 239.00	9 900.00
08.11.2010	402.80	764.50	813.00	4 220.00	9 988.00
05.11.2010	409.00	765.00	822.30	4 160.00	10 000.00
04.11.2010	413.00	778.00	818.50	4 170.00	10 050.00
03.11.2010	411.80	778.00	811.00	4 099.00	9 700.00
02.11.2010	414.90	784.50	809.00	4 034.00	9 520.00
01.11.2010	410.00	785.50	805.10	4 019.00	9 550.00
29.10.2010	418.50	784.00	802.00	4 015.00	9 496.00
27.10.2010	449.90	781.90	815.90	4 025.00	9 390.00
26.10.2010	443.90	769.90	803.00	4 030.00	9 370.00
25.10.2010	453.00	766.00	803.40	4 125.00	9 350.00
22.10.2010	447.00	756.00	796.50	3 917.00	9 220.00
21.10.2010	450.60	770.00	786.50	3 904.00	9 161.00
20.10.2010	442.00	767.00	777.00	3 864.00	9 330.00
19.10.2010	444.90	778.90	781.10	3 849.00	9 200.00
18.10.2010	446.00	758.50	778.00	3 871.00	9 250.00
15.10.2010	453.10	770.00	781.20	3 925.00	9 205.00
14.10.2010	451.50	777.00	779.00	3 950.00	9 315.00
13.10.2010	465.00	803.00	783.60	3 865.00	9 325.00
12.10.2010	459.00	816.00	762.10	3 815.00	9 177.00
11.10.2010	458.80	822.40	775.00	3 829.00	9 350.00
08.10.2010	430.00	816.00	760.00	3 870.00	9 388.00
07.10.2010	435.00	825.50	758.50	3 929.00	9 250.00

06.10.2010	442.70	827.80	745.30	3 943.00	9 199.00
05.10.2010	433.70	820.00	723.00	3 950.00	8 920.00
04.10.2010	435.80	811.00	723.00	3 945.00	9 199.00
01.10.2010	443.00	815.00	718.50	3 940.00	9 111.00
30.09.2010	447.40	808.00	726.90	3 936.00	9 340.00
29.09.2010	450.40	800.00	714.90	3 900.00	9 299.00
27.09.2010	443.50	819.00	720.50	3 855.00	9 300.00
24.09.2010	444.10	822.90	723.90	3 898.00	9 300.00
23.09.2010	438.00	825.00	711.00	3 859.00	9 200.00
22.09.2010	435.00	825.00	713.00	3 865.00	9 250.00
21.09.2010	439.50	835.00	718.10	3 900.00	9 200.00
20.09.2010	431.00	848.00	707.00	3 839.00	9 270.00
17.09.2010	422.00	835.00	702.60	3 860.00	9 400.00
16.09.2010	445.60	840.00	714.50	3 920.00	9 155.00
15.09.2010	438.00	830.00	715.90	3 970.00	9 222.00
14.09.2010	434.70	827.60	723.00	3 990.00	9 200.00
13.09.2010	432.50	824.00	731.00	4 000.00	9 180.00
10.09.2010	420.90	820.90	719.20	3 950.00	9 152.00
09.09.2010	431.80	829.00	728.90	3 904.00	8 979.00
08.09.2010	426.00	822.50	716.50	4 015.00	8 900.00
07.09.2010	426.90	828.00	723.90	4 026.00	8 808.00
06.09.2010	435.00	834.50	738.00	4 100.00	8 950.00
03.09.2010	432.90	832.00	740.00	4 010.00	8 995.00
02.09.2010	426.00	834.00	745.00	4 060.00	8 950.00
01.09.2010	421.00	818.00	729.00	3 901.00	8 900.00
31.08.2010	415.00	819.00	712.20	3 770.00	8 830.00
30.08.2010	420.00	830.00	719.00	3 842.00	8 786.00
27.08.2010	412.00	826.00	719.70	3 835.00	8 822.00
26.08.2010	408.00	827.00	714.10	3 830.00	8 800.00
25.08.2010	403.40	820.00	700.00	3 854.00	8 652.00
24.08.2010	414.00	819.00	714.70	3 900.00	8 752.00
23.08.2010	423.50	840.00	734.50	4 076.00	8 899.00
20.08.2010	418.00	836.30	729.00	4 085.00	8 760.00
19.08.2010	434.00	848.00	741.00	4 130.00	8 950.00
18.08.2010	438.60	852.00	744.70	4 100.00	8 710.00
17.08.2010	439.90	867.00	756.80	4 110.00	8 800.00
16.08.2010	431.90	864.50	732.00	4 080.00	8 720.00
13.08.2010	419.00	860.00	724.30	4 035.00	8 750.00
12.08.2010	411.80	846.90	717.10	4 045.00	8 900.00
11.08.2010	410.10	852.90	725.50	4 030.00	8 713.00
10.08.2010	423.50	871.00	738.80	4 010.00	8 970.00
09.08.2010	431.50	876.90	748.50	4 001.00	8 741.00
06.08.2010	432.00	879.00	754.00	4 000.00	8 778.00
05.08.2010	435.10	875.60	765.00	3 957.00	8 770.00
04.08.2010	435.00	873.00	774.00	4 080.00	8 930.00
03.08.2010	420.00	878.50	770.00	3 785.00	9 000.00
02.08.2010	417.50	873.10	780.00	3 790.00	9 001.00
30.07.2010	405.00	870.10	766.50	3 695.00	8 900.00
29.07.2010	402.40	873.50	808.20	3 695.00	8 850.00
28.07.2010	411.70	865.00	800.00	3 710.00	8 750.00

27.07.2010	436.00	872.00	797.00	3 720.00	8 950.00
26.07.2010	430.90	866.60	769.00	3 720.00	9 050.00
23.07.2010	426.50	868.60	751.10	3 700.00	8 888.00
22.07.2010	431.00	879.00	746.00	3 700.00	8 950.00
21.07.2010	425.00	874.00	735.30	3 659.00	8 950.00
20.07.2010	415.00	863.00	716.00	3 655.00	9 120.00
19.07.2010	427.90	866.80	718.00	3 650.00	9 320.00
16.07.2010	427.00	867.00	739.00	3 555.00	9 200.00
15.07.2010	445.00	877.90	757.50	3 640.00	9 196.00
14.07.2010	450.50	882.80	759.90	3 611.00	9 270.00
13.07.2010	459.00	874.70	760.50	3 651.00	9 120.00
12.07.2010	453.10	878.10	725.00	3 566.00	8 800.00
09.07.2010	450.00	879.00	729.50	3 572.00	8 725.00
08.07.2010	435.10	878.90	724.00	3 510.00	8 700.00
07.07.2010	427.00	878.10	677.00	3 519.00	8 600.00
02.07.2010	419.90	882.00	689.80	3 402.00	8 600.00
01.07.2010	412.00	858.00	676.00	3 378.00	8 550.00
30.06.2010	435.00	860.80	672.90	3 400.00	8 745.00
29.06.2010	436.20	855.00	685.90	3 500.00	8 400.00
28.06.2010	452.00	862.90	706.00	3 599.00	8 450.00
25.06.2010	456.00	866.00	710.50	3 526.00	8 351.00
24.06.2010	457.00	870.00	714.60	3 574.00	8 350.00
23.06.2010	460.50	879.80	728.00	3 644.00	8 301.00
22.06.2010	482.00	933.30	733.00	3 665.00	8 300.00
21.06.2010	497.00	939.00	751.10	3 700.00	8 311.00
18.06.2010	475.00	939.00	735.50	3 575.00	8 201.00
17.06.2010	480.00	921.00	729.00	3 620.00	8 228.00
16.06.2010	484.00	919.00	740.00	3 600.00	8 499.00
15.06.2010	464.90	919.00	731.00	3 635.00	8 460.00
14.06.2010	446.00	918.10	726.00	3 628.00	8 401.00
11.06.2010	437.80	916.00	719.90	3 585.00	8 575.00
10.06.2010	439.00	909.90	701.00	3 585.00	8 400.00
09.06.2010	434.40	888.00	664.00	3 538.00	8 170.00
08.06.2010	481.00	890.00	652.00	3 538.00	8 151.00
07.06.2010	516.90	884.00	667.90	3 514.00	8 200.00
04.06.2010	530.00	898.00	677.00	3 660.00	8 250.00
03.06.2010	569.90	909.00	747.00	3 690.00	8 325.00
02.06.2010	549.00	892.90	731.00	3 600.00	8 351.00
01.06.2010	533.20	880.00	739.00	3 550.00	8 363.00
31.05.2010	547.40	890.00	759.90	3 667.00	8 430.00
28.05.2010	550.00	879.60	765.00	3 610.00	8 470.00
27.05.2010	535.00	858.00	749.90	3 450.00	8 350.00
26.05.2010	549.90	854.00	740.00	3 420.00	8 200.00
25.05.2010	461.50	844.00	714.30	3 250.00	8 000.00
24.05.2010	481.00	884.50	778.00	3 403.00	8 201.00
21.05.2010	470.00	875.10	756.00	3 350.00	8 050.00
20.05.2010	487.00	890.00	750.20	3 350.00	7 950.00
19.05.2010	511.00	894.00	809.00	3 500.00	8 161.00
18.05.2010	535.90	900.00	825.00	3 600.00	8 400.00
17.05.2010	531.10	898.50	793.90	3 545.00	8 249.00

14.05.2010	538.10	894.00	806.00	3 500.00	8 400.00
13.05.2010	560.00	905.00	834.00	3 634.00	8 502.00
12.05.2010	564.90	915.00	838.50	3 680.00	8 560.00
11.05.2010	535.00	915.00	800.00	3 652.00	8 222.00
10.05.2010	558.00	929.00	830.20	3 700.00	8 360.00
07.05.2010	530.50	885.00	724.00	3 470.00	8 300.00
06.05.2010	551.00	890.20	770.00	3 557.00	8 343.00
05.05.2010	577.00	895.50	793.00	3 650.00	8 100.00
04.05.2010	652.30	924.20	844.00	3 850.00	8 601.00
03.05.2010	665.00	925.10	863.60	4 000.00	9 026.00
30.04.2010	672.00	923.60	850.50	3 990.00	9 014.00
29.04.2010	687.00	925.00	852.00	3 980.00	9 040.00
28.04.2010	690.50	918.50	835.00	4 051.00	9 200.00
27.04.2010	717.00	925.10	858.00	4 180.00	9 900.00
26.04.2010	727.00	926.00	878.00	4 259.00	9 997.00
23.04.2010	715.00	919.00	859.00	4 111.00	10 000.00
22.04.2010	661.00	911.30	848.00	4 029.00	9 980.00
21.04.2010	680.50	905.00	867.10	4 156.00	9 990.00
20.04.2010	658.00	904.50	867.00	4 116.00	9 990.00
19.04.2010	650.10	908.50	863.50	4 200.00	9 960.00
16.04.2010	667.80	922.00	862.00	4 180.00	9 933.00
15.04.2010	666.00	919.80	878.00	4 200.00	9 930.00
14.04.2010	628.40	913.00	879.90	4 115.00	9 960.00
13.04.2010	595.90	913.80	846.90	4 020.00	9 950.00
12.04.2010	588.20	915.90	836.00	3 971.00	9 960.00
09.04.2010	568.00	911.00	820.00	3 933.00	9 953.00
08.04.2010	561.20	899.00	803.00	3 934.00	9 890.00
07.04.2010	576.80	916.50	821.50	4 000.00	9 950.00
06.04.2010	578.40	908.00	813.00	3 975.00	9 900.00
02.04.2010	574.00	902.00	798.50	3 975.00	9 900.00
01.04.2010	568.90	900.00	794.80	3 940.00	9 890.00
31.03.2010	549.60	888.00	778.00	3 815.00	9 900.00
30.03.2010	557.40	900.00	789.00	3 889.00	9 898.00
29.03.2010	552.00	894.90	787.60	3 851.00	9 682.00
26.03.2010	573.30	899.00	785.60	3 930.00	9 750.00
25.03.2010	572.00	893.00	767.00	3 910.00	9 750.00
24.03.2010	570.00	883.00	760.00	3 830.00	9 700.00
23.03.2010	554.00	890.00	763.00	3 820.00	9 620.00
22.03.2010	552.80	897.10	751.50	3 856.00	9 650.00
19.03.2010	556.00	902.50	751.00	3 900.00	9 640.00
18.03.2010	571.00	907.00	770.00	3 990.00	9 659.00
17.03.2010	566.40	917.00	786.00	3 990.00	9 666.00
16.03.2010	550.90	910.00	770.00	3 939.00	9 785.00
15.03.2010	554.90	895.00	762.00	3 840.00	9 990.00
12.03.2010	554.00	903.00	760.00	3 860.00	10 030.00
11.03.2010	569.00	900.00	735.10	3 870.00	10 180.00
10.03.2010	572.90	893.90	742.60	3 820.00	10 138.00
09.03.2010	563.00	891.00	744.00	3 752.00	10 240.00
08.03.2010	563.80	887.40	745.00	3 755.00	10 265.00
05.03.2010	558.00	880.00	723.50	3 775.00	10 200.00

04.03.2010	531.00	878.50	711.00	3 745.00	10 250.00
03.03.2010	514.80	876.00	721.00	3 760.00	10 180.00
02.03.2010	518.00	875.00	716.00	3 770.00	10 244.00
01.03.2010	513.80	879.00	714.90	3 792.00	10 200.00
26.02.2010	506.00	870.10	705.50	3 750.00	10 300.00
25.02.2010	509.90	855.00	707.00	3 600.00	9 950.00
24.02.2010	535.50	861.00	717.50	3 650.00	10 100.00
23.02.2010	531.80	869.90	719.90	3 695.00	10 150.00
22.02.2010	538.00	878.00	742.10	3 702.00	10 176.00
19.02.2010	539.00	873.10	728.10	3 770.00	10 150.00
18.02.2010	525.10	865.10	720.50	3 730.00	10 300.00
17.02.2010	536.40	878.90	723.00	3 699.00	10 200.00
16.02.2010	517.00	876.00	709.00	3 666.00	9 999.00
15.02.2010	515.00	878.00	699.50	3 550.00	9 948.00
12.02.2010	507.60	858.50	682.50	3 580.00	9 839.00
11.02.2010	511.00	878.00	685.50	3 650.00	9 850.00
10.02.2010	507.00	887.00	698.00	3 761.00	9 820.00
09.02.2010	514.90	873.00	679.20	3 653.00	9 650.00
08.02.2010	504.10	867.00	655.50	3 571.00	9 710.00
05.02.2010	500.00	860.00	674.00	3 500.00	9 650.00
04.02.2010	515.50	898.00	691.00	3 701.00	9 702.00
03.02.2010	548.50	920.10	730.90	3 752.00	9 849.00
02.02.2010	554.10	920.00	731.90	3 761.00	9 760.00
01.02.2010	559.90	932.00	740.00	3 819.00	9 800.00
29.01.2010	555.50	920.00	724.80	3 815.00	9 805.00
28.01.2010	554.10	926.10	740.00	3 809.00	10 005.00
27.01.2010	557.50	910.00	750.00	3 800.00	10 157.00
26.01.2010	576.50	907.00	751.90	3 800.00	10 128.00
25.01.2010	567.90	917.00	753.80	3 890.00	10 100.00
22.01.2010	566.40	913.00	741.30	3 870.00	9 860.00
21.01.2010	573.00	928.50	776.00	3 990.00	10 150.00
20.01.2010	527.00	942.00	790.00	4 000.00	9 998.00
19.01.2010	471.10	937.00	797.00	3 970.00	9 998.00
18.01.2010	487.90	934.00	798.00	3 934.00	9 880.00
15.01.2010	489.90	911.00	786.20	3 805.00	9 748.00
14.01.2010	488.80	919.00	795.00	3 920.00	9 459.00
13.01.2010	483.90	913.50	760.00	3 995.00	9 160.00
12.01.2010	487.60	909.40	753.30	3 955.00	9 030.00
11.01.2010	486.00	919.10	753.50	3 942.00	9 000.00
08.01.2010	466.10	916.00	733.50	3 760.00	8 891.00
07.01.2010	467.10	905.10	726.10	3 800.00	8 950.00
06.01.2010	474.50	908.20	733.00	3 815.00	9 100.00
05.01.2010	468.00	908.10	714.80	3 860.00	8 900.00
04.01.2010	455.00	886.20	696.50	3 915.00	8 840.00
30.12.2009	446.90	864.00	698.50	3 929.00	8 796.00
29.12.2009	447.00	865.00	702.90	4 000.00	8 500.00
28.12.2009	430.20	872.00	690.00	3 920.00	8 435.00
23.12.2009	424.00	862.00	683.00	3 905.00	8 350.00
22.12.2009	436.10	867.10	691.80	3 881.00	8 340.00
21.12.2009	439.80	874.00	683.50	3 860.00	8 280.00

18.12.2009	447.30	869.10	683.00	3 850.00	8 225.00
17.12.2009	446.90	861.00	702.00	3 890.00	8 375.00
16.12.2009	437.00	861.50	711.00	3 870.00	8 309.00
15.12.2009	445.00	845.00	690.30	3 800.00	8 330.00
14.12.2009	448.90	850.10	709.00	3 750.00	8 327.00
11.12.2009	449.50	853.00	717.00	3 732.00	8 350.00
10.12.2009	444.10	852.50	712.50	3 655.00	8 300.00
09.12.2009	443.70	854.00	710.20	3 720.00	8 200.00
08.12.2009	453.00	845.00	736.50	3 800.00	8 300.00
07.12.2009	473.50	868.00	739.90	3 870.00	8 298.00
04.12.2009	479.00	879.00	746.00	3 930.00	8 250.00
03.12.2009	452.00	855.00	735.50	3 840.00	8 183.00
02.12.2009	445.00	850.70	723.50	3 773.00	8 180.00
01.12.2009	445.00	865.10	722.50	3 730.00	8 000.00
30.11.2009	441.90	870.10	715.00	3 800.00	7 900.00
27.11.2009	437.00	859.90	723.00	3 710.00	8 000.00
26.11.2009	438.10	848.00	708.00	3 685.00	8 050.00
25.11.2009	455.50	860.00	741.10	3 760.00	8 103.00
24.11.2009	468.00	861.50	754.00	3 855.00	8 073.00
23.11.2009	494.00	884.00	755.50	3 880.00	8 071.00
20.11.2009	485.90	875.50	758.00	3 820.00	8 249.00
19.11.2009	492.00	876.70	758.50	3 782.00	8 151.00
18.11.2009	492.70	876.00	757.40	3 777.00	8 150.00
16.11.2009	505.00	875.00	774.00	3 705.00	8 570.00
13.11.2009	496.50	873.50	782.50	3 690.00	8 570.00
12.11.2009	513.00	892.00	797.50	3 720.00	8 670.00
11.11.2009	507.00	892.00	784.50	3 676.00	8 548.00
10.11.2009	501.10	892.00	785.00	3 691.00	8 700.00
09.11.2009	468.50	900.00	788.00	3 626.00	8 840.00
06.11.2009	454.00	894.00	761.00	3 539.00	8 660.00
05.11.2009	475.00	908.00	758.00	3 610.00	8 900.00
04.11.2009	470.50	889.00	756.00	3 435.00	8 799.00
03.11.2009	447.20	877.00	739.00	3 427.00	8 749.00
02.11.2009	464.00	887.00	748.00	3 550.00	8 785.00
30.10.2009	469.00	898.00	760.00	3 583.00	8 701.00
29.10.2009	463.00	905.00	721.00	3 570.00	8 600.00
27.10.2009	478.00	906.70	753.00	3 646.00	8 800.00
26.10.2009	477.00	899.00	780.00	3 800.00	8 996.00
23.10.2009	496.90	900.00	785.00	3 813.00	8 980.00
22.10.2009	487.00	883.00	777.90	3 621.00	9 000.00
21.10.2009	485.10	900.20	781.50	3 714.00	8 931.00
20.10.2009	490.00	895.00	790.70	3 720.00	8 950.00
19.10.2009	475.00	859.40	785.50	3 699.00	8 901.00
16.10.2009	465.00	867.00	775.10	3 795.00	8 910.00
15.10.2009	440.00	867.50	785.00	3 800.00	8 998.00
14.10.2009	499.90	898.00	785.00	3 821.00	8 970.00
13.10.2009	577.00	900.00	756.00	3 680.00	8 900.00
12.10.2009	599.90	926.00	770.00	3 683.00	8 900.00
09.10.2009	581.10	905.50	750.00	3 461.00	8 840.00
08.10.2009	580.00	903.00	746.90	3 370.00	8 725.00

07.10.2009	575.00	902.00	740.00	3 338.00	8 720.00
06.10.2009	583.00	925.00	735.00	3 370.00	8 850.00
05.10.2009	573.00	923.00	704.20	3 313.00	8 720.00
02.10.2009	552.00	913.00	695.10	3 393.00	8 750.00
01.10.2009	586.00	938.00	735.50	3 486.00	8 800.00
30.09.2009	590.00	920.00	771.50	3 440.00	8 800.00
29.09.2009	610.00	911.50	752.00	3 440.00	8 750.00
25.09.2009	576.00	900.00	727.50	3 475.00	8 900.00
24.09.2009	604.40	897.70	739.90	3 550.00	8 777.00
23.09.2009	619.40	895.00	756.10	3 516.00	8 950.00
22.09.2009	632.90	893.00	754.20	3 489.00	9 178.00
21.09.2009	625.00	884.50	736.00	3 460.00	8 632.00
18.09.2009	661.00	908.00	733.00	3 550.00	8 750.00
17.09.2009	620.00	911.00	762.00	3 480.00	8 625.00
16.09.2009	617.00	914.00	747.80	3 465.00	8 565.00
15.09.2009	566.00	908.00	729.00	3 440.00	8 390.00
14.09.2009	561.00	920.00	733.00	3 386.00	8 463.00
11.09.2009	573.00	937.00	742.20	3 250.00	8 300.00
10.09.2009	565.00	933.00	752.00	3 330.00	8 400.00
09.09.2009	548.00	933.10	758.00	3 340.00	8 450.00
08.09.2009	529.00	937.00	759.90	3 380.00	8 436.00
07.09.2009	521.00	935.00	763.10	3 355.00	8 300.00
04.09.2009	510.00	930.00	731.00	3 315.00	8 190.00
03.09.2009	503.00	920.00	712.00	3 286.00	8 150.00
02.09.2009	491.20	916.00	704.00	3 201.00	8 000.00
01.09.2009	508.80	933.00	752.00	3 380.00	8 125.00
31.08.2009	493.10	928.00	750.20	3 390.00	8 300.00
28.08.2009	517.10	944.00	685.90	3 300.00	8 225.00
27.08.2009	516.50	952.00	741.00	3 330.00	8 120.00
26.08.2009	525.10	958.00	744.70	3 370.00	8 100.00
25.08.2009	530.00	968.90	767.50	3 483.00	8 100.00
24.08.2009	519.00	975.00	778.50	3 500.00	8 000.00
21.08.2009	471.50	962.00	712.00	3 460.00	7 750.00
20.08.2009	470.00	964.00	700.00	3 459.00	7 726.00
19.08.2009	458.00	965.00	681.00	3 480.00	7 670.00
18.08.2009	460.00	970.00	700.00	3 545.00	7 850.00
17.08.2009	442.50	965.00	686.50	3 484.00	7 780.00
14.08.2009	484.00	988.00	717.00	3 692.00	7 840.00
13.08.2009	477.50	988.00	716.90	3 649.00	7 999.00
12.08.2009	470.90	980.00	668.00	3 390.00	7 740.00
11.08.2009	473.10	982.00	671.20	3 330.00	7 980.00
10.08.2009	460.00	989.00	715.00	3 500.00	8 090.00
07.08.2009	427.00	977.00	717.00	3 460.00	8 098.00
06.08.2009	433.00	980.00	726.00	3 375.00	7 600.00
05.08.2009	412.00	990.50	683.00	3 271.00	7 620.00
04.08.2009	409.90	987.00	656.00	3 150.00	7 500.00
03.08.2009	399.80	980.00	660.00	3 150.00	7 498.00
31.07.2009	374.50	966.00	629.80	3 097.00	7 280.00
30.07.2009	376.90	946.00	592.00	2 935.00	7 300.00
29.07.2009	375.00	919.00	541.10	2 870.00	7 000.00



28.07.2009	389.10	913.00	542.00	2 856.00	6 870.00
27.07.2009	389.00	908.90	555.50	2 860.00	6 880.00
24.07.2009	376.00	896.00	550.00	2 825.00	6 850.00
23.07.2009	368.00	890.00	528.50	2 742.00	6 799.00
22.07.2009	361.00	888.00	531.90	2 751.00	6 900.00
21.07.2009	370.90	891.90	535.00	2 860.00	7 010.00
20.07.2009	363.00	889.00	527.00	2 849.00	6 874.00
17.07.2009	356.10	865.00	513.00	2 850.00	6 781.00
16.07.2009	358.00	875.00	521.50	2 862.00	6 828.00
15.07.2009	367.10	895.00	509.40	2 900.00	6 750.00
14.07.2009	354.90	878.00	490.30	2 880.00	6 699.00
13.07.2009	336.90	865.00	471.40	2 790.00	6 750.00
10.07.2009	330.10	856.90	455.00	2 680.00	6 500.00
09.07.2009	342.00	855.00	455.10	2 691.00	6 200.00
08.07.2009	370.00	845.00	457.50	2 651.00	6 170.00
07.07.2009	380.90	819.00	472.50	2 641.00	6 180.00
03.07.2009	385.00	820.70	477.70	2 540.00	6 150.00
02.07.2009	347.00	832.00	486.00	2 578.00	6 270.00
01.07.2009	364.00	835.00	497.00	2 595.00	6 348.00
30.06.2009	367.80	833.50	502.00	2 560.00	6 320.00
29.06.2009	360.00	840.10	487.10	2 600.00	6 200.00
26.06.2009	350.50	850.00	477.50	2 634.00	6 200.00
25.06.2009	336.00	847.00	484.00	2 605.00	6 170.00
24.06.2009	343.50	860.00	479.60	2 680.00	6 250.00
23.06.2009	339.70	832.00	458.80	2 687.00	6 210.00
22.06.2009	350.00	864.10	465.00	2 685.00	6 075.00
19.06.2009	381.90	888.00	497.00	2 775.00	6 100.00
18.06.2009	389.00	875.00	493.60	2 683.00	6 063.00
17.06.2009	396.00	885.70	488.00	2 705.00	6 051.00
16.06.2009	403.00	905.00	504.10	2 710.00	6 127.00
15.06.2009	397.10	900.00	521.00	2 740.00	6 250.00
12.06.2009	404.00	910.00	542.90	2 752.00	6 340.00
11.06.2009	414.00	909.00	548.50	2 820.00	6 300.00
10.06.2009	415.30	905.00	553.00	2 870.00	6 300.00
09.06.2009	415.00	900.00	547.00	2 850.00	6 350.00
08.06.2009	394.00	877.00	534.90	2 823.00	6 250.00
05.06.2009	406.50	901.90	537.10	2 850.00	6 271.00
04.06.2009	385.00	889.90	518.90	2 740.00	6 260.00
03.06.2009	368.00	890.00	508.00	2 672.00	6 200.00
02.06.2009	379.90	897.60	504.00	2 690.00	6 240.00
01.06.2009	369.10	890.00	493.90	2 640.00	6 200.00
29.05.2009	341.00	860.00	450.00	2 379.00	5 900.00
28.05.2009	369.00	883.20	463.00	2 695.00	6 150.00
27.05.2009	398.00	884.30	470.00	2 731.00	6 200.00
26.05.2009	372.10	880.50	470.80	2 840.00	6 200.00
25.05.2009	380.00	877.00	485.00	2 863.00	6 310.00
22.05.2009	379.90	884.90	488.00	2 793.00	6 349.00
21.05.2009	405.10	889.50	489.00	2 766.00	6 300.00
20.05.2009	396.00	908.00	504.20	2 799.00	6 389.00
19.05.2009	380.00	875.00	475.10	2 732.00	6 333.00

18.05.2009	367.00	859.90	456.00	2 674.00	6 025.00
15.05.2009	350.00	859.10	459.90	2 630.00	6 015.00
14.05.2009	335.00	850.00	452.00	2 555.00	5 900.00
13.05.2009	365.00	855.00	480.00	2 580.00	5 955.00
12.05.2009	420.00	885.00	550.00	2 750.00	5 995.00
11.05.2009	388.00	855.00	540.00	2 791.00	5 650.00
07.05.2009	430.10	870.10	553.00	2 885.00	5 630.00
06.05.2009	407.00	846.00	530.00	2 781.00	5 510.00
05.05.2009	363.20	836.00	512.00	2 830.00	5 549.00
04.05.2009	350.00	855.00	459.80	2 783.00	5 500.00
30.04.2009	349.00	841.00	428.00	2 730.00	5 500.00
29.04.2009	361.00	823.00	407.50	2 600.00	5 400.00
28.04.2009	330.00	797.00	409.00	2 446.00	5 276.00
27.04.2009	345.00	808.00	411.00	2 395.00	5 275.00
24.04.2009	365.40	802.00	416.00	2 440.00	5 265.00
23.04.2009	370.00	789.00	416.50	2 370.00	5 270.00
22.04.2009	350.00	795.00	406.00	2 407.00	5 309.00
21.04.2009	329.00	805.00	393.00	2 379.00	5 310.00
20.04.2009	321.00	812.00	407.50	2 422.00	5 350.00
17.04.2009	343.00	830.00	418.60	2 499.00	5 815.00
16.04.2009	354.40	820.90	429.40	2 470.00	5 765.00
15.04.2009	341.00	790.00	426.00	2 525.00	5 800.00
14.04.2009	320.00	780.00	432.00	2 545.00	5 733.00
10.04.2009	295.90	778.00	408.80	2 620.00	5 720.00
09.04.2009	294.00	792.00	402.50	2 610.00	5 700.00
08.04.2009	278.00	765.00	382.00	2 545.00	5 699.00
07.04.2009	273.00	756.80	365.50	2 401.00	5 690.00
06.04.2009	261.00	777.10	378.10	2 501.00	5 700.00
03.04.2009	261.30	773.00	397.60	2 565.00	5 700.00
02.04.2009	262.00	773.00	384.40	2 340.00	5 695.00
01.04.2009	234.00	733.50	338.00	2 113.00	5 700.00
31.03.2009	240.50	731.00	325.00	2 060.00	5 820.00
30.03.2009	235.00	726.90	325.00	2 049.00	5 700.00
27.03.2009	263.00	752.00	380.00	2 272.00	5 699.00
26.03.2009	265.00	764.00	400.00	2 305.00	5 750.00
25.03.2009	287.00	767.90	397.00	2 390.00	5 750.00
24.03.2009	280.00	758.00	364.00	2 238.00	5 690.00
23.03.2009	256.10	749.00	345.50	2 097.00	5 710.00
20.03.2009	186.50	744.10	305.00	1 955.00	5 650.00
19.03.2009	202.00	739.00	341.60	1 960.00	5 700.00
18.03.2009	185.00	722.00	288.50	1 842.00	5 699.00
17.03.2009	162.03	708.50	273.00	1 820.00	5 700.00
16.03.2009	162.50	704.00	259.50	1 846.00	5 899.00
13.03.2009	140.00	713.00	251.00	1 835.00	5 800.00
12.03.2009	125.00	693.00	244.00	1 830.00	5 809.00
11.03.2009	127.00	696.10	232.00	1 835.00	5 817.00
10.03.2009	122.00	671.50	222.70	1 813.00	5 800.00
09.03.2009	112.00	655.00	210.00	1 707.00	5 650.00
06.03.2009	117.00	652.00	210.90	1 665.00	5 830.00
05.03.2009	123.50	642.90	214.00	1 610.00	5 700.00

04.03.2009	132.16	663.00	216.00	1 625.00	5 825.00
03.03.2009	129.78	647.00	205.90	1 585.00	5 850.00
02.03.2009	133.98	666.00	211.00	1 580.00	5 780.00
27.02.2009	126.00	678.00	214.00	1 627.00	5 700.00
26.02.2009	136.90	680.00	213.50	1 565.00	5 900.00
25.02.2009	146.21	680.00	208.20	1 562.00	6 100.00
24.02.2009	145.60	680.00	202.20	1 600.00	5 949.00
23.02.2009	150.55	694.00	206.20	1 700.00	5 730.00
20.02.2009	150.78	671.00	206.00	1 714.00	5 795.00
19.02.2009	178.07	690.00	218.00	1 810.00	5 770.00
18.02.2009	171.30	645.00	206.70	1 699.00	5 698.00
17.02.2009	183.00	627.00	220.00	1 711.00	5 800.00
16.02.2009	195.10	677.00	261.70	2 043.00	6 120.00
13.02.2009	200.00	691.00	280.00	2 130.00	6 250.00
12.02.2009	199.00	687.00	277.50	2 140.00	6 250.00
11.02.2009	201.90	693.00	289.80	2 199.00	6 250.00
10.02.2009	213.40	697.00	318.00	2 245.00	6 215.00
09.02.2009	200.00	713.90	316.00	2 269.00	6 014.00
06.02.2009	188.00	672.90	302.00	2 251.00	6 450.00
05.02.2009	202.40	670.00	295.00	2 260.00	6 500.00
04.02.2009	215.00	700.00	320.00	2 350.00	6 430.00
03.02.2009	218.50	710.00	317.00	2 298.00	6 339.00
02.02.2009	216.00	730.00	318.10	2 325.00	6 400.00
30.01.2009	244.00	755.00	323.50	2 435.00	6 290.00
29.01.2009	271.90	761.00	323.00	2 497.00	6 300.00
28.01.2009	277.80	772.50	331.10	2 490.00	6 155.00
27.01.2009	280.70	755.00	313.00	2 335.00	5 850.00
26.01.2009	285.80	755.00	306.00	2 347.00	5 850.00
23.01.2009	274.50	738.00	285.00	2 300.00	5 750.00
22.01.2009	289.00	758.00	289.00	2 417.00	5 800.00
21.01.2009	293.00	768.00	296.00	2 491.00	5 790.00
20.01.2009	339.00	786.00	306.00	2 520.00	5 700.00
19.01.2009	356.30	796.00	346.60	2 533.00	5 849.00
16.01.2009	357.40	794.30	389.00	2 630.00	5 800.00
15.01.2009	348.90	792.00	372.10	2 545.00	5 800.00
14.01.2009	354.00	794.00	371.00	2 720.00	5 780.00
13.01.2009	369.40	818.00	381.00	2 883.00	5 790.00
12.01.2009	385.00	833.00	394.00	2 905.00	5 845.00
09.01.2009	389.70	833.00	398.30	2 906.00	6 051.00
08.01.2009	389.00	804.00	411.00	2 935.00	6 070.00
07.01.2009	413.00	823.20	412.00	2 970.00	6 168.00
06.01.2009	447.00	841.00	429.50	3 087.00	6 355.00
05.01.2009	429.50	814.50	419.50	3 088.00	6 478.00
02.01.2009	410.00	809.00	419.10	3 070.00	6 352.00
30.12.2008	382.50	789.00	413.00	3 000.00	6 150.00
29.12.2008	376.50	789.80	406.00	3 120.00	6 100.00
23.12.2008	377.00	780.00	395.00	3 001.00	6 249.00
22.12.2008	379.00	754.10	367.50	2 973.00	6 498.00
19.12.2008	400.00	787.10	351.50	2 950.00	6 375.00
18.12.2008	422.00	798.90	358.00	2 920.00	6 461.00

17.12.2008	400.00	801.00	360.00	2 860.00	6 465.00
16.12.2008	360.00	797.00	374.00	3 000.00	6 400.00
15.12.2008	345.80	785.00	379.00	3 030.00	6 600.00
12.12.2008	325.30	758.00	404.00	2 825.00	6 600.00
11.12.2008	337.00	789.70	429.70	2 960.00	7 179.00
10.12.2008	340.00	807.40	434.50	3 000.00	7 300.00
09.12.2008	335.80	800.00	430.00	2 840.00	7 300.00
08.12.2008	311.00	805.00	425.50	2 849.00	7 278.00
05.12.2008	284.00	755.00	400.50	2 822.00	7 080.00
04.12.2008	285.10	768.90	413.00	2 857.00	7 090.00
03.12.2008	287.00	755.00	398.60	2 810.00	7 070.00
02.12.2008	292.00	752.50	409.00	2 830.00	6 999.00
01.12.2008	285.00	754.10	425.10	2 918.00	7 001.00
28.11.2008	280.00	780.80	435.50	3 000.00	6 668.00
27.11.2008	285.00	755.00	431.00	3 062.00	6 750.00
26.11.2008	238.00	730.00	408.90	2 835.00	6 410.00
25.11.2008	226.40	747.00	404.50	2 815.00	6 511.00
24.11.2008	213.00	710.00	375.00	2 655.00	6 330.00
21.11.2008	212.00	665.00	355.00	2 525.00	6 200.00
20.11.2008	242.30	674.00	347.00	2 549.00	6 110.00
19.11.2008	263.00	707.50	370.00	2 771.00	6 222.00
18.11.2008	280.00	717.00	366.00	2 650.00	6 350.00
14.11.2008	333.00	780.00	364.00	2 735.00	6 340.00
13.11.2008	334.90	743.00	352.00	2 683.00	6 100.00
12.11.2008	379.90	770.00	401.10	2 782.00	6 050.00
11.11.2008	433.20	804.00	450.10	2 995.00	6 030.00
10.11.2008	480.00	839.00	495.20	3 069.00	6 070.00
07.11.2008	468.00	800.80	496.10	3 160.00	5 920.00
06.11.2008	463.00	784.60	489.00	3 115.00	5 699.00
05.11.2008	490.00	833.00	500.00	3 150.00	5 520.00
04.11.2008	484.80	870.00	502.00	3 203.00	5 450.00
03.11.2008	530.00	828.00	518.20	3 000.00	5 300.00
31.10.2008	461.70	815.00	501.00	2 810.00	5 240.00
30.10.2008	440.00	780.00	525.00	2 599.00	5 250.00
29.10.2008	382.00	705.00	432.50	2 455.00	5 085.00
27.10.2008	419.00	580.00	408.50	2 234.00	5 045.00
24.10.2008	400.00	653.20	449.00	2 355.00	5 300.00
23.10.2008	515.00	753.00	514.10	2 650.00	5 550.00
22.10.2008	605.00	750.00	521.50	2 661.00	5 350.00
21.10.2008	669.90	804.00	558.20	2 716.00	5 300.00
20.10.2008	670.00	771.00	553.00	2 515.00	5 180.00
17.10.2008	640.00	755.00	525.30	2 514.00	5 249.00
16.10.2008	723.10	784.90	626.60	3 052.00	5 250.00
15.10.2008	725.00	828.00	651.00	3 280.00	5 300.00
14.10.2008	799.00	930.10	740.00	3 476.00	5 800.00
13.10.2008	635.00	852.00	610.50	3 230.00	5 000.00
10.10.2008	490.80	776.90	529.90	3 072.00	4 810.00
09.10.2008	735.30	905.00	693.00	3 679.00	5 250.00
08.10.2008	680.00	881.00	714.00	3 650.00	5 135.00
07.10.2008	770.00	902.00	760.00	3 705.00	5 360.00

06.10.2008	777.00	907.90	823.00	3 596.00	5 285.00
03.10.2008	1 009.00	1 029.00	877.80	3 960.00	5 500.00
02.10.2008	1 160.00	1 080.00	860.00	3 980.00	5 589.00
01.10.2008	1 148.00	1 101.00	853.80	4 040.00	5 448.00
30.09.2008	1 135.00	1 072.00	854.40	3 811.00	5 350.00
29.09.2008	1 168.00	1 045.00	897.00	3 634.00	5 450.00
26.09.2008	1 160.00	1 091.00	952.70	3 900.00	5 600.00
25.09.2008	1 160.00	1 107.00	1 002.00	4 000.00	5 450.00
24.09.2008	1 160.00	1 099.00	1 006.00	3 806.00	5 380.00
23.09.2008	1 148.00	1 080.00	992.00	3 807.00	5 420.00
22.09.2008	1 180.00	1 109.00	1 020.00	3 860.00	5 400.00
19.09.2008	1 209.00	1 075.00	1 043.00	4 003.00	5 310.00
18.09.2008	1 062.00	1 006.00	867.00	3 610.00	5 300.00
17.09.2008	1 185.00	1 036.00	850.00	3 380.00	5 280.00
16.09.2008	1 126.00	1 010.00	865.80	3 413.00	5 200.00
15.09.2008	1 227.00	1 040.00	897.00	3 552.00	5 150.00
12.09.2008	1 222.00	1 074.00	931.00	3 590.00	5 350.00
11.09.2008	1 190.00	1 059.00	947.90	3 793.00	5 325.00
10.09.2008	1 224.00	1 031.00	999.60	3 881.00	5 300.00
09.09.2008	1 300.00	1 093.00	1 045.00	4 030.00	5 400.00
08.09.2008	1 297.00	1 146.00	1 052.00	4 000.00	5 320.00
05.09.2008	1 255.00	1 142.00	969.00	3 844.00	5 350.00
04.09.2008	1 285.00	1 210.00	1 010.00	3 910.00	5 550.00
03.09.2008	1 327.00	1 214.00	1 017.00	3 945.00	5 581.00
02.09.2008	1 347.00	1 218.00	1 047.00	3 920.00	5 630.00
01.09.2008	1 328.00	1 270.00	1 009.00	3 769.00	5 550.00
29.08.2008	1 330.00	1 275.00	1 014.00	3 736.00	5 545.00
28.08.2008	1 320.00	1 243.00	994.00	3 720.00	5 350.00
27.08.2008	1 305.00	1 238.00	957.00	3 730.00	5 300.00
26.08.2008	1 288.00	1 243.00	955.50	3 710.00	5 123.00
25.08.2008	1 269.00	1 250.00	959.20	3 730.00	5 300.00
22.08.2008	1 282.00	1 250.00	969.00	3 780.00	5 300.00
21.08.2008	1 281.00	1 257.00	939.00	3 713.00	5 292.00
20.08.2008	1 256.00	1 240.00	948.00	3 700.00	5 250.00
19.08.2008	1 307.00	1 225.00	966.20	3 761.00	5 275.00
18.08.2008	1 360.00	1 231.00	988.90	3 839.00	5 360.00
15.08.2008	1 386.00	1 230.00	1 016.00	3 859.00	5 260.00
14.08.2008	1 315.00	1 239.00	994.80	3 830.00	5 275.00
13.08.2008	1 305.00	1 233.00	1 014.00	3 800.00	5 240.00
12.08.2008	1 304.00	1 199.00	1 051.00	3 807.00	5 300.00
11.08.2008	1 285.00	1 210.00	1 066.00	3 770.00	5 300.00
08.08.2008	1 289.00	1 231.00	1 044.00	3 745.00	5 385.00
07.08.2008	1 284.00	1 216.00	1 037.00	3 860.00	5 200.00
06.08.2008	1 256.00	1 214.00	1 028.00	4 020.00	5 378.00
05.08.2008	1 226.00	1 228.00	1 013.00	4 000.00	5 200.00
04.08.2008	1 258.00	1 269.00	975.00	3 905.00	5 250.00
01.08.2008	1 246.00	1 263.00	977.50	3 940.00	5 168.00
31.07.2008	1 265.00	1 260.00	988.00	3 900.00	5 050.00
30.07.2008	1 330.00	1 250.00	1 014.00	3 841.00	5 050.00
29.07.2008	1 252.00	1 238.00	998.90	3 709.00	5 229.00

28.07.2008	1 269.00	1 247.00	1 007.00	3 730.00	5 065.00
25.07.2008	1 292.00	1 215.00	1 000.00	3 800.00	5 020.00
24.07.2008	1 253.00	1 219.00	1 015.00	3 936.00	5 184.00
23.07.2008	1 245.00	1 273.00	1 020.00	3 925.00	4 964.00
22.07.2008	1 166.00	1 300.00	932.00	3 860.00	4 800.00
21.07.2008	1 156.00	1 280.00	982.00	3 885.00	4 750.00
18.07.2008	1 156.00	1 275.00	939.50	3 870.00	4 599.00
17.07.2008	1 160.00	1 321.00	932.00	3 808.00	4 550.00
16.07.2008	1 152.00	1 312.00	831.90	3 555.00	4 600.00
15.07.2008	1 200.00	1 343.00	830.00	3 540.00	4 605.00
14.07.2008	1 261.00	1 347.00	886.00	3 655.00	4 580.00
11.07.2008	1 272.00	1 330.00	880.00	3 680.00	4 440.00
10.07.2008	1 300.00	1 329.00	925.80	3 725.00	4 350.00
09.07.2008	1 305.00	1 336.00	947.70	3 688.00	4 000.00
08.07.2008	1 345.00	1 325.00	900.00	3 520.00	3 771.00
07.07.2008	1 350.00	1 335.00	918.00	3 600.00	3 900.00
04.07.2008	1 325.00	1 324.00	913.80	3 330.00	4 100.00
03.07.2008	1 319.00	1 383.00	933.00	3 340.00	4 382.00
02.07.2008	1 342.00	1 384.00	930.00	3 429.00	4 401.00
01.07.2008	1 314.00	1 360.00	905.00	3 390.00	4 405.00
30.06.2008	1 380.00	1 345.00	950.20	3 548.00	4 500.00
27.06.2008	1 404.00	1 320.00	958.00	3 480.00	4 500.00
26.06.2008	1 420.00	1 280.00	974.00	3 530.00	4 550.00
25.06.2008	1 399.00	1 325.00	1 005.00	3 625.00	4 600.00
24.06.2008	1 457.00	1 320.00	1 005.00	3 553.00	4 593.00
23.06.2008	1 498.00	1 347.00	1 033.00	3 703.00	4 750.00
20.06.2008	1 560.00	1 335.00	1 041.00	3 770.00	4 950.00
19.06.2008	1 596.00	1 359.00	1 076.00	3 900.00	5 300.00
18.06.2008	1 580.00	1 321.00	1 109.00	4 030.00	5 300.00
17.06.2008	1 579.00	1 305.00	1 137.00	4 194.00	5 330.00
16.06.2008	1 545.00	1 295.00	1 091.00	4 085.00	5 495.00
13.06.2008	1 532.00	1 298.00	1 081.00	3 985.00	5 520.00
12.06.2008	1 553.00	1 302.00	1 098.00	4 044.00	5 500.00
11.06.2008	1 550.00	1 306.00	1 062.00	4 020.00	5 306.00
10.06.2008	1 569.00	1 304.00	1 082.00	4 032.00	5 315.00
09.06.2008	1 598.00	1 307.00	1 102.00	4 079.00	5 500.00
06.06.2008	1 639.00	1 310.00	1 119.00	4 110.00	5 440.00
05.06.2008	1 665.00	1 314.00	1 162.00	4 154.00	5 466.00
04.06.2008	1 650.00	1 294.00	1 169.00	4 128.00	5 497.00
03.06.2008	1 690.00	1 314.00	1 205.00	4 155.00	5 633.00
02.06.2008	1 696.00	1 330.00	1 223.00	4 185.00	5 652.00
30.05.2008	1 725.00	1 323.00	1 211.00	4 180.00	5 651.00
29.05.2008	1 677.00	1 326.00	1 207.00	4 117.00	5 910.00
28.05.2008	1 668.00	1 297.00	1 223.00	4 190.00	5 775.00
27.05.2008	1 628.00	1 300.00	1 165.00	4 110.00	5 810.00
26.05.2008	1 610.00	1 325.00	1 160.00	4 297.00	5 731.00
23.05.2008	1 634.00	1 329.00	1 178.00	4 257.00	5 885.00
22.05.2008	1 593.00	1 335.00	1 187.00	4 280.00	5 909.00
21.05.2008	1 588.00	1 315.00	1 175.00	4 295.00	5 830.00
20.05.2008	1 579.00	1 333.00	1 210.00	4 475.00	5 800.00

19.05.2008	1 590.00	1 350.00	1 220.00	4 420.00	5 800.00
16.05.2008	1 575.00	1 336.00	1 222.00	4 310.00	5 699.00
15.05.2008	1 589.00	1 305.00	1 196.00	4 186.00	5 626.00
14.05.2008	1 600.00	1 246.00	1 190.00	4 251.00	5 624.00
13.05.2008	1 579.00	1 225.00	1 181.00	4 380.00	5 600.00
12.05.2008	1 650.00	1 222.00	1 176.00	4 379.00	5 600.00
09.05.2008	1 656.00	1 235.00	1 172.00	4 265.00	5 636.00
07.05.2008	1 690.00	1 257.00	1 215.00	4 300.00	5 898.00
06.05.2008	1 690.00	1 241.00	1 206.00	4 078.00	5 918.00
05.05.2008	1 701.00	1 234.00	1 217.00	4 030.00	5 830.00
02.05.2008	1 760.00	1 225.00	1 251.00	4 055.00	5 800.00
30.04.2008	1 666.00	1 200.00	1 186.00	3 959.00	5 899.00
29.04.2008	1 544.00	1 217.00	1 120.00	3 964.00	5 980.00
28.04.2008	1 551.00	1 220.00	1 126.00	3 975.00	6 080.00
25.04.2008	1 542.00	1 221.00	1 098.00	3 974.00	6 060.00
24.04.2008	1 535.00	1 230.00	1 069.00	3 959.00	6 120.00
23.04.2008	1 480.00	1 225.00	1 070.00	3 979.00	6 200.00
22.04.2008	1 450.00	1 213.00	1 069.00	3 931.00	6 100.00
21.04.2008	1 455.00	1 230.00	1 082.00	3 939.00	6 300.00
18.04.2008	1 441.00	1 215.00	1 085.00	3 940.00	6 350.00
17.04.2008	1 380.00	1 184.00	1 065.00	3 870.00	6 271.00
16.04.2008	1 413.00	1 171.00	1 055.00	3 920.00	7 100.00
15.04.2008	1 392.00	1 194.00	1 027.00	3 899.00	7 100.00
14.04.2008	1 378.00	1 208.00	1 010.00	3 880.00	7 048.00
11.04.2008	1 384.00	1 212.00	1 021.00	3 944.00	7 010.00
10.04.2008	1 425.00	1 207.00	1 041.00	4 035.00	7 200.00
09.04.2008	1 460.00	1 218.00	1 094.00	4 075.00	7 250.00
08.04.2008	1 450.00	1 230.00	1 080.00	3 990.00	7 320.00
07.04.2008	1 488.00	1 220.00	1 093.00	4 033.00	7 250.00
04.04.2008	1 458.00	1 210.00	1 065.00	3 978.00	7 141.00
03.04.2008	1 430.00	1 212.00	1 068.00	4 025.00	7 150.00
02.04.2008	1 410.00	1 215.00	1 094.00	4 000.00	7 140.00
01.04.2008	1 411.00	1 232.00	1 048.00	3 940.00	7 150.00
31.03.2008	1 366.00	1 218.00	1 050.00	3 815.00	7 200.00
28.03.2008	1 340.00	1 228.00	1 059.00	3 899.00	7 100.00
27.03.2008	1 360.00	1 214.00	1 010.00	3 863.00	6 420.00
26.03.2008	1 372.00	1 208.00	954.00	3 860.00	6 500.00
25.03.2008	1 399.00	1 220.00	957.00	3 920.00	6 450.00
21.03.2008	1 403.00	1 231.00	940.00	3 885.00	6 550.00
20.03.2008	1 374.00	1 225.00	928.40	3 830.00	6 400.00
19.03.2008	1 383.00	1 240.00	942.90	3 960.00	6 469.00
18.03.2008	1 324.00	1 229.00	919.00	3 970.00	6 500.00
17.03.2008	1 308.00	1 200.00	898.70	3 820.00	6 300.00
14.03.2008	1 351.00	1 218.00	935.00	3 940.00	6 540.00
13.03.2008	1 310.00	1 211.00	930.50	3 962.00	6 630.00
12.03.2008	1 355.00	1 230.00	954.00	3 945.00	6 600.00
11.03.2008	1 355.00	1 212.00	935.00	3 976.00	6 399.00
10.03.2008	1 319.00	1 166.00	905.20	3 790.00	6 700.00
07.03.2008	1 309.00	1 160.00	913.00	3 850.00	6 800.00
06.03.2008	1 375.00	1 180.00	929.00	3 915.00	7 100.00

05.03.2008	1 365.00	1 199.00	935.00	3 930.00	7 199.00
04.03.2008	1 395.00	1 186.00	900.00	3 880.00	7 200.00
03.03.2008	1 512.00	1 210.00	926.70	4 050.00	7 160.00
29.02.2008	1 599.00	1 225.00	972.00	4 045.00	7 180.00
28.02.2008	1 630.00	1 229.00	992.00	3 992.00	7 200.00
27.02.2008	1 610.00	1 230.00	993.00	3 920.00	7 300.00
26.02.2008	1 631.00	1 255.00	999.00	3 913.00	7 206.00
25.02.2008	1 604.00	1 245.00	969.50	3 950.00	7 220.00
22.02.2008	1 585.00	1 224.00	956.00	3 860.00	7 060.00
21.02.2008	1 614.00	1 244.00	969.00	3 900.00	7 100.00
20.02.2008	1 623.00	1 240.00	981.00	3 850.00	7 216.00
19.02.2008	1 671.00	1 260.00	986.00	3 825.00	7 150.00
18.02.2008	1 690.00	1 265.00	966.00	3 820.00	7 200.00
15.02.2008	1 626.00	1 259.00	957.00	3 760.00	7 077.00
14.02.2008	1 650.00	1 275.00	970.10	3 800.00	7 150.00
13.02.2008	1 675.00	1 274.00	970.00	3 841.00	7 180.00
12.02.2008	1 670.00	1 236.00	924.00	3 659.00	7 200.00
11.02.2008	1 632.00	1 215.00	893.50	3 700.00	7 200.00
08.02.2008	1 620.00	1 210.00	885.00	3 716.00	7 399.00
07.02.2008	1 639.00	1 210.00	906.50	3 760.00	7 151.00
06.02.2008	1 658.00	1 221.00	927.00	3 890.00	7 397.00
05.02.2008	1 752.00	1 233.00	932.00	3 790.00	7 452.00
04.02.2008	1 744.00	1 248.00	957.00	3 899.00	7 600.00
01.02.2008	1 659.00	1 205.00	952.00	3 892.00	7 550.00
31.01.2008	1 619.00	1 175.00	907.00	3 670.00	7 400.00
30.01.2008	1 640.00	1 220.00	942.00	3 674.00	7 400.00
29.01.2008	1 590.00	1 200.00	931.00	3 845.00	7 451.00
28.01.2008	1 577.00	1 192.00	936.90	3 695.00	7 326.00
25.01.2008	1 651.00	1 228.00	1 014.00	3 606.00	7 247.00
24.01.2008	1 625.00	1 185.00	1 045.00	3 470.00	7 010.00
23.01.2008	1 535.00	1 079.00	974.00	3 207.00	6 751.00
22.01.2008	1 580.00	1 151.00	991.00	3 390.00	6 611.00
21.01.2008	1 635.00	1 168.00	1 018.00	3 469.00	6 750.00
18.01.2008	1 773.00	1 232.00	1 060.00	3 599.00	7 110.00
17.01.2008	1 713.00	1 215.00	1 051.00	3 680.00	6 800.00
16.01.2008	1 783.00	1 212.00	1 070.00	3 940.00	6 880.00
15.01.2008	1 852.00	1 204.00	1 075.00	4 100.00	7 100.00
14.01.2008	1 856.00	1 236.00	1 125.00	4 130.00	7 150.00
11.01.2008	1 881.00	1 270.00	1 103.00	4 140.00	7 195.00
10.01.2008	1 845.00	1 276.00	1 078.00	4 095.00	7 000.00
09.01.2008	1 915.00	1 325.00	1 088.00	4 200.00	7 100.00
08.01.2008	1 918.00	1 359.00	1 135.00	4 370.00	7 480.00
07.01.2008	1 935.00	1 352.00	1 139.00	4 235.00	7 499.00
04.01.2008	1 954.00	1 399.00	1 200.00	4 227.00	7 500.00
03.01.2008	2 010.00	1 391.00	1 221.00	4 310.00	7 610.00
02.01.2008	2 083.00	1 378.00	1 280.00	4 340.00	7 950.00
28.12.2007	2 100.00	1 364.00	1 300.00	4 376.00	7 815.00
27.12.2007	2 121.00	1 373.00	1 290.00	4 290.00	7 815.00
21.12.2007	2 122.00	1 320.00	1 258.00	4 229.00	7 700.00
20.12.2007	2 060.00	1 383.00	1 240.00	4 241.00	7 640.00



19.12.2007	2 019.00	1 368.00	1 250.00	4 160.00	7 699.00
18.12.2007	2 075.00	1 390.00	1 238.00	4 130.00	7 681.00
17.12.2007	2 061.00	1 370.00	1 218.00	4 140.00	7 420.00
14.12.2007	2 041.00	1 394.00	1 253.00	4 219.00	7 700.00
13.12.2007	1 991.00	1 396.00	1 258.00	4 265.00	7 770.00
12.12.2007	2 040.00	1 417.00	1 310.00	4 350.00	7 850.00
11.12.2007	2 035.00	1 406.00	1 300.00	4 280.00	8 100.00
10.12.2007	2 021.00	1 428.00	1 333.00	4 327.00	8 200.00
07.12.2007	2 031.00	1 418.00	1 337.00	4 250.00	8 200.00
06.12.2007	2 040.00	1 401.00	1 292.00	4 105.00	8 299.00
05.12.2007	2 040.00	1 357.00	1 272.00	4 001.00	8 060.00
04.12.2007	2 025.00	1 332.00	1 260.00	3 920.00	8 020.00
03.12.2007	1 960.00	1 315.00	1 316.00	3 990.00	8 150.00
30.11.2007	1 917.00	1 327.00	1 320.00	4 070.00	7 990.00
29.11.2007	1 895.00	1 328.00	1 270.00	4 039.00	8 150.00
28.11.2007	1 902.00	1 327.00	1 219.00	4 030.00	8 250.00
27.11.2007	1 870.00	1 357.00	1 175.00	3 970.00	8 600.00
26.11.2007	1 917.00	1 375.00	1 215.00	4 075.00	8 601.00
23.11.2007	1 918.00	1 380.00	1 194.00	4 060.00	8 937.00
22.11.2007	1 911.00	1 356.00	1 200.00	3 990.00	8 710.00
21.11.2007	1 874.00	1 328.00	1 200.00	4 011.00	8 725.00
20.11.2007	1 900.00	1 331.00	1 250.00	4 110.00	8 890.00
19.11.2007	1 907.00	1 316.00	1 247.00	4 265.00	8 850.00
16.11.2007	1 906.00	1 325.00	1 310.00	4 260.00	8 945.00
15.11.2007	1 965.00	1 331.00	1 295.00	4 237.00	8 820.00
14.11.2007	1 987.00	1 309.00	1 370.00	4 315.00	9 085.00
13.11.2007	1 910.00	1 298.00	1 387.00	4 246.00	9 190.00
12.11.2007	1 950.00	1 340.00	1 345.00	4 281.00	9 250.00
09.11.2007	1 913.00	1 381.00	1 335.00	4 280.00	9 080.00
08.11.2007	1 993.00	1 390.00	1 375.00	4 275.00	9 200.00
07.11.2007	2 042.00	1 384.00	1 406.00	4 180.00	9 050.00
06.11.2007	2 078.00	1 410.00	1 440.00	4 210.00	9 330.00
05.11.2007	2 173.00	1 380.00	1 424.00	4 180.00	9 100.00
02.11.2007	2 226.00	1 369.00	1 459.00	4 240.00	9 667.00
01.11.2007	2 212.00	1 360.00	1 513.00	4 280.00	9 629.00
31.10.2007	2 180.00	1 344.00	1 520.00	4 310.00	9 700.00
30.10.2007	2 210.00	1 367.00	1 510.00	4 310.00	9 650.00
29.10.2007	2 150.00	1 382.00	1 551.00	4 300.00	9 670.00
26.10.2007	2 066.00	1 340.00	1 538.00	4 260.00	9 800.00
25.10.2007	2 048.00	1 302.00	1 525.00	4 260.00	9 820.00
24.10.2007	2 071.00	1 270.00	1 544.00	4 270.00	9 935.00
23.10.2007	2 000.00	1 253.00	1 547.00	4 285.00	9 741.00
22.10.2007	2 010.00	1 246.00	1 540.00	4 209.00	9 651.00
19.10.2007	2 064.00	1 260.00	1 576.00	4 250.00	9 900.00
18.10.2007	2 060.00	1 269.00	1 567.00	4 312.00	9 860.00
17.10.2007	2 068.00	1 270.00	1 575.00	4 318.00	9 850.00
16.10.2007	2 050.00	1 279.00	1 571.00	4 287.00	9 500.00
15.10.2007	2 008.00	1 292.00	1 600.00	4 390.00	9 700.00
12.10.2007	1 960.00	1 275.00	1 598.00	4 475.00	9 846.00
11.10.2007	1 970.00	1 268.00	1 600.00	4 485.00	9 800.00

10.10.2007	1 939.00	1 249.00	1 595.00	4 495.00	9 850.00
09.10.2007	1 890.00	1 266.00	1 582.00	4 500.00	9 672.00
08.10.2007	1 870.00	1 274.00	1 587.00	4 490.00	9 835.00
05.10.2007	1 832.00	1 248.00	1 610.00	4 450.00	9 550.00
04.10.2007	1 825.00	1 240.00	1 579.00	4 360.00	9 585.00
03.10.2007	1 829.00	1 216.00	1 532.00	4 350.00	9 850.00
02.10.2007	1 845.00	1 224.00	1 532.00	4 475.00	9 726.00
01.10.2007	1 810.00	1 216.00	1 487.00	4 464.00	9 695.00
27.09.2007	1 806.00	1 191.00	1 486.00	4 491.00	10 000.00
26.09.2007	1 845.00	1 201.00	1 488.00	4 395.00	9 942.00
25.09.2007	1 820.00	1 157.00	1 480.00	4 380.00	9 950.00
24.09.2007	1 820.00	1 138.00	1 490.00	4 328.00	9 839.00
21.09.2007	1 836.00	1 124.00	1 522.00	4 270.00	10 041.00
20.09.2007	1 858.00	1 112.00	1 524.00	4 280.00	10 000.00
19.09.2007	1 879.00	1 108.00	1 509.00	4 245.00	9 826.00
18.09.2007	1 869.00	1 100.00	1 435.00	4 210.00	9 812.00
17.09.2007	1 864.00	1 100.00	1 428.00	4 215.00	9 986.00
14.09.2007	1 850.00	1 106.00	1 453.00	4 177.00	9 720.00
13.09.2007	1 875.00	1 100.00	1 479.00	4 186.00	10 100.00
12.09.2007	1 825.00	1 090.00	1 460.00	4 132.00	10 000.00
11.09.2007	1 864.00	1 100.00	1 467.00	4 171.00	9 999.00
10.09.2007	1 870.00	1 088.00	1 450.00	4 215.00	9 899.00
07.09.2007	1 835.00	1 083.00	1 444.00	4 290.00	9 730.00
06.09.2007	1 850.00	1 082.00	1 484.00	4 370.00	9 548.00
05.09.2007	1 885.00	1 072.00	1 510.00	4 300.00	9 522.00
04.09.2007	1 896.00	1 071.00	1 520.00	4 400.00	9 701.00
03.09.2007	1 860.00	1 093.00	1 478.00	4 328.00	9 680.00
31.08.2007	1 822.00	1 078.00	1 460.00	4 425.00	9 800.00
30.08.2007	1 830.00	1 077.00	1 435.00	4 298.00	9 900.00
29.08.2007	1 788.00	1 057.00	1 464.00	4 177.00	10 050.00
28.08.2007	1 817.00	1 075.00	1 486.00	4 135.00	9 950.00
27.08.2007	1 786.00	1 092.00	1 505.00	4 135.00	9 850.00
24.08.2007	1 780.00	1 091.00	1 475.00	4 050.00	9 350.00
23.08.2007	1 802.00	1 090.00	1 459.00	3 970.00	9 322.00
22.08.2007	1 760.00	1 078.00	1 426.00	3 865.00	9 120.00
21.08.2007	1 710.00	1 060.00	1 402.00	3 806.00	8 920.00
20.08.2007	1 673.00	1 043.00	1 425.00	3 760.00	8 900.00
17.08.2007	1 698.00	1 030.00	1 440.00	3 810.00	9 000.00
16.08.2007	1 660.00	1 020.00	1 425.00	3 830.00	9 196.00
15.08.2007	1 755.00	1 074.00	1 500.00	3 951.00	9 200.00
14.08.2007	1 786.00	1 096.00	1 527.00	3 990.00	9 350.00
13.08.2007	1 845.00	1 091.00	1 523.00	4 003.00	9 200.00
10.08.2007	1 805.00	1 062.00	1 501.00	4 010.00	9 230.00
09.08.2007	1 771.00	1 090.00	1 534.00	4 086.00	9 450.00
08.08.2007	1 815.00	1 109.00	1 556.00	4 175.00	9 700.00
07.08.2007	1 765.00	1 082.00	1 520.00	3 985.00	9 800.00
06.08.2007	1 760.00	1 075.00	1 520.00	3 915.00	9 900.00
03.08.2007	1 779.00	1 082.00	1 540.00	3 950.00	10 090.00
02.08.2007	1 822.00	1 066.00	1 559.00	3 945.00	10 190.00
01.08.2007	1 909.00	1 049.00	1 526.00	3 933.00	9 992.00

31.07.2007	1 917.00	1 076.00	1 550.00	4 080.00	10 170.00
30.07.2007	1 903.00	1 074.00	1 493.00	4 071.00	10 070.00
27.07.2007	1 885.00	1 079.00	1 502.00	4 070.00	10 000.00
26.07.2007	1 910.00	1 099.00	1 540.00	4 128.00	10 020.00
25.07.2007	1 969.00	1 114.00	1 600.00	4 200.00	10 100.00
24.07.2007	2 010.00	1 103.00	1 600.00	4 155.00	9 950.00
23.07.2007	2 060.00	1 124.00	1 607.00	4 205.00	10 250.00
20.07.2007	2 045.00	1 112.00	1 603.00	4 190.00	10 400.00
19.07.2007	2 045.00	1 121.00	1 610.00	4 244.00	10 390.00
18.07.2007	2 032.00	1 111.00	1 624.00	4 210.00	10 475.00
17.07.2007	2 050.00	1 086.00	1 620.00	4 210.00	10 304.00
16.07.2007	2 055.00	1 090.00	1 625.00	4 150.00	10 434.00
13.07.2007	2 055.00	1 116.00	1 623.00	4 155.00	10 500.00
12.07.2007	2 081.00	1 126.00	1 630.00	4 212.00	10 488.00
11.07.2007	2 064.00	1 097.00	1 644.00	4 162.00	10 612.00
10.07.2007	2 080.00	1 115.00	1 680.00	4 138.00	10 700.00
09.07.2007	2 087.00	1 140.00	1 700.00	4 155.00	10 872.00
04.07.2007	2 084.00	1 135.00	1 688.00	4 110.00	10 883.00
03.07.2007	2 123.00	1 126.00	1 675.00	4 110.00	11 000.00
02.07.2007	2 059.00	1 099.00	1 662.00	3 977.00	10 990.00
29.06.2007	2 064.00	1 098.00	1 665.00	3 959.00	11 000.00
28.06.2007	2 088.00	1 087.00	1 630.00	3 946.00	11 048.00
27.06.2007	2 149.00	1 075.00	1 628.00	3 940.00	11 050.00
26.06.2007	2 140.00	1 071.00	1 660.00	3 970.00	10 750.00
25.06.2007	2 055.00	1 055.00	1 675.00	3 960.00	10 761.00
22.06.2007	2 060.00	1 060.00	1 682.00	3 980.00	10 878.00
21.06.2007	2 020.00	1 056.00	1 705.00	3 908.00	10 697.00
20.06.2007	2 035.00	1 060.00	1 725.00	3 965.00	10 801.00
19.06.2007	1 995.00	1 044.00	1 703.00	3 930.00	10 800.00
18.06.2007	1 971.00	1 056.00	1 721.00	3 970.00	10 855.00
15.06.2007	1 948.00	1 057.00	1 730.00	3 970.00	10 800.00
14.06.2007	1 910.00	1 070.00	1 720.00	3 958.00	10 501.00
13.06.2007	1 919.00	1 068.00	1 695.00	3 949.00	10 698.00
12.06.2007	1 913.00	1 071.00	1 705.00	3 900.00	10 500.00
11.06.2007	1 873.00	1 059.00	1 699.00	3 955.00	10 446.00
08.06.2007	1 860.00	1 049.00	1 652.00	3 910.00	10 889.00
07.06.2007	1 868.00	1 065.00	1 677.00	3 885.00	10 432.00
06.06.2007	1 866.00	1 058.00	1 684.00	3 900.00	10 351.00
05.06.2007	1 878.00	1 066.00	1 673.00	3 911.00	10 650.00
04.06.2007	1 845.00	1 081.00	1 680.00	3 900.00	10 793.00
01.06.2007	1 850.00	1 081.00	1 670.00	3 890.00	10 580.00
31.05.2007	1 833.00	1 079.00	1 652.00	3 876.00	10 499.00
30.05.2007	1 835.00	1 060.00	1 637.00	3 810.00	10 670.00
29.05.2007	1 840.00	1 072.00	1 652.00	3 834.00	10 700.00
28.05.2007	1 836.00	1 071.00	1 640.00	3 825.00	10 800.00
25.05.2007	1 828.00	1 067.00	1 646.00	3 775.00	10 800.00
24.05.2007	1 831.00	1 075.00	1 656.00	3 855.00	10 850.00
23.05.2007	1 830.00	1 094.00	1 662.00	3 900.00	10 900.00
22.05.2007	1 831.00	1 075.00	1 653.00	4 000.00	11 050.00
21.05.2007	1 893.00	1 068.00	1 670.00	4 100.00	11 000.00

18.05.2007	1 894.00	1 069.00	1 670.00	4 055.00	11 000.00
17.05.2007	1 903.00	1 047.00	1 644.00	4 045.00	11 000.00
16.05.2007	1 921.00	1 038.00	1 655.00	4 050.00	11 200.00
15.05.2007	1 900.00	1 044.00	1 639.00	3 970.00	11 100.00
14.05.2007	1 919.00	1 071.00	1 639.00	3 997.00	10 760.00
11.05.2007	1 927.00	1 074.00	1 622.00	3 979.00	10 416.00
10.05.2007	1 935.00	1 075.00	1 656.00	3 945.00	10 630.00
09.05.2007	1 951.00	1 070.00	1 650.00	3 882.00	10 440.00
07.05.2007	1 983.00	1 077.00	1 633.00	3 895.00	10 400.00
04.05.2007	1 983.00	1 060.00	1 635.00	3 820.00	10 390.00
03.05.2007	1 963.00	1 047.00	1 645.00	3 825.00	10 300.00
02.05.2007	1 873.00	1 036.00	1 639.00	3 842.00	10 100.00
30.04.2007	1 873.00	1 009.00	1 664.00	3 880.00	10 030.00
27.04.2007	1 858.00	995.00	1 698.00	3 910.00	10 000.00
26.04.2007	1 879.00	1 013.00	1 690.00	3 903.00	10 000.00
25.04.2007	1 856.00	1 020.00	1 676.00	4 020.00	10 000.00
24.04.2007	1 882.00	995.00	1 668.00	3 935.00	10 025.00
23.04.2007	1 887.00	987.10	1 680.00	4 060.00	9 620.00
20.04.2007	1 873.00	987.00	1 687.00	4 030.00	9 650.00
19.04.2007	1 850.00	961.00	1 650.00	3 900.00	9 450.00
18.04.2007	1 855.00	969.00	1 665.00	4 012.00	9 860.00
17.04.2007	1 849.00	975.00	1 675.00	4 045.00	9 650.00
16.04.2007	1 877.00	980.00	1 689.00	4 100.00	9 600.00
13.04.2007	1 860.00	975.00	1 666.00	4 000.00	9 420.00
12.04.2007	1 885.00	970.00	1 650.00	3 851.00	9 900.00
11.04.2007	1 903.00	981.00	1 690.00	3 801.00	9 770.00
10.04.2007	1 869.00	972.00	1 667.00	3 690.00	9 825.00
06.04.2007	1 848.00	963.00	1 650.00	3 620.00	9 905.00
05.04.2007	1 847.00	957.80	1 657.00	3 616.00	9 900.00
04.04.2007	1 887.00	960.00	1 653.00	3 645.00	9 880.00
03.04.2007	1 865.00	945.50	1 642.00	3 665.00	9 923.00
02.04.2007	1 885.00	937.90	1 634.00	3 598.00	9 799.00
30.03.2007	1 879.00	942.00	1 635.00	3 631.00	9 500.00
29.03.2007	1 817.00	932.30	1 632.00	3 630.00	9 420.00
28.03.2007	1 800.00	919.00	1 628.00	3 574.00	9 550.00
27.03.2007	1 790.00	920.50	1 647.00	3 622.00	9 860.00
26.03.2007	1 819.00	927.00	1 684.00	3 645.00	9 855.00
23.03.2007	1 800.00	929.00	1 675.00	3 637.00	9 745.00
22.03.2007	1 800.00	911.00	1 655.00	3 541.00	10 549.00
21.03.2007	1 788.00	907.00	1 622.00	3 530.00	10 600.00
20.03.2007	1 773.00	888.50	1 612.00	3 545.00	10 580.00
19.03.2007	1 740.00	876.90	1 598.00	3 565.00	10 620.00
16.03.2007	1 722.00	878.00	1 585.00	3 568.00	10 520.00
15.03.2007	1 714.00	860.00	1 600.00	3 545.00	10 550.00
14.03.2007	1 717.00	850.00	1 612.00	3 534.00	10 591.00
13.03.2007	1 721.00	863.50	1 660.00	3 593.00	10 940.00
12.03.2007	1 740.00	872.00	1 664.00	3 590.00	11 000.00
09.03.2007	1 777.00	877.00	1 666.00	3 600.00	10 950.00
08.03.2007	1 770.00	876.50	1 667.00	3 519.00	11 000.00
07.03.2007	1 738.00	861.50	1 621.00	3 400.00	11 000.00

06.03.2007	1 713.00	867.00	1 620.00	3 390.00	11 234.00
05.03.2007	1 665.00	833.00	1 590.00	3 300.00	10 777.00
02.03.2007	1 690.00	850.00	1 611.00	3 330.00	10 933.00
01.03.2007	1 654.00	825.20	1 597.00	3 400.00	11 000.00
28.02.2007	1 732.00	855.00	1 596.00	3 490.00	10 800.00
27.02.2007	1 777.00	867.70	1 570.00	3 540.00	10 995.00
26.02.2007	1 862.00	910.00	1 668.00	3 660.00	11 200.00
23.02.2007	1 838.00	910.00	1 649.00	3 660.00	11 175.00
22.02.2007	1 835.00	892.40	1 662.00	3 616.00	11 100.00
21.02.2007	1 859.00	873.00	1 649.00	3 584.00	11 010.00
20.02.2007	1 841.00	883.40	1 665.00	3 586.00	11 011.00
19.02.2007	1 860.00	913.00	1 675.00	3 560.00	11 190.00
16.02.2007	1 858.00	920.00	1 679.00	3 539.00	11 100.00
15.02.2007	1 809.00	927.10	1 690.00	3 510.00	11 000.00
14.02.2007	1 838.00	939.50	1 680.00	3 553.00	11 150.00
13.02.2007	1 852.00	925.00	1 651.00	3 565.00	10 950.00
12.02.2007	1 879.00	912.00	1 666.00	3 497.00	11 110.00
09.02.2007	1 861.00	930.00	1 662.00	3 491.00	11 100.00
08.02.2007	1 896.00	930.00	1 678.00	3 480.00	11 220.00
07.02.2007	1 900.00	944.20	1 680.00	3 480.00	11 350.00
06.02.2007	1 887.00	951.00	1 705.00	3 440.00	11 500.00
05.02.2007	1 910.00	941.00	1 695.00	3 275.00	11 366.00
02.02.2007	1 943.00	939.60	1 710.00	3 215.00	11 375.00
01.02.2007	1 915.00	935.00	1 690.00	3 215.00	11 300.00
31.01.2007	1 871.00	920.00	1 670.00	3 220.00	11 050.00
30.01.2007	1 836.00	927.00	1 675.00	3 225.00	11 140.00
29.01.2007	1 820.00	940.00	1 665.00	3 245.00	11 015.00
26.01.2007	1 852.00	938.00	1 660.00	3 210.00	10 885.00
25.01.2007	1 869.00	935.00	1 700.00	3 210.00	10 900.00
24.01.2007	1 855.00	929.00	1 679.00	3 239.00	11 210.00
23.01.2007	1 802.00	900.00	1 671.00	3 205.00	11 200.00
22.01.2007	1 813.00	910.00	1 639.00	3 216.00	11 300.00
19.01.2007	1 770.00	897.00	1 624.00	3 233.00	11 442.00
18.01.2007	1 759.00	899.90	1 615.00	3 240.00	11 480.00
17.01.2007	1 740.00	890.10	1 615.00	3 200.00	11 500.00
16.01.2007	1 733.00	914.00	1 625.00	3 234.00	11 550.00
15.01.2007	1 650.00	910.00	1 636.00	3 274.00	11 400.00
12.01.2007	1 610.00	900.00	1 635.00	3 245.00	11 500.00
11.01.2007	1 573.00	904.00	1 607.00	3 259.00	11 260.00
10.01.2007	1 532.00	870.00	1 584.00	3 224.00	11 800.00
09.01.2007	1 534.00	900.00	1 616.00	3 235.00	11 900.00
08.01.2007	1 515.00	926.10	1 609.00	3 180.00	11 880.00
05.01.2007	1 520.00	940.10	1 657.00	3 160.00	11 750.00
04.01.2007	1 530.00	956.00	1 667.00	3 155.00	11 500.00
03.01.2007	1 499.00	967.90	1 665.00	3 132.00	11 400.00
02.01.2007	1 489.00	991.00	1 627.00	3 122.00	10 920.00
29.12.2006	1 470.00	956.00	1 608.00	3 100.00	10 835.00
28.12.2006	1 461.00	945.00	1 600.00	3 113.00	10 600.00
27.12.2006	1 450.00	938.00	1 598.00	3 100.00	10 563.00
22.12.2006	1 449.00	944.00	1 587.00	3 100.00	11 390.00

21.12.2006	1 439.00	960.00	1 609.00	3 111.00	10 850.00
20.12.2006	1 460.00	943.00	1 610.00	3 144.00	10 901.00
19.12.2006	1 482.00	960.00	1 601.00	3 137.00	10 999.00
18.12.2006	1 542.00	1 006.00	1 614.00	3 180.00	11 300.00
15.12.2006	1 520.00	1 010.00	1 605.00	3 170.00	11 300.00
14.12.2006	1 544.00	997.50	1 610.00	3 180.00	11 100.00
13.12.2006	1 550.00	987.00	1 600.00	3 179.00	11 050.00
12.12.2006	1 580.00	992.00	1 600.00	3 192.00	11 375.00
11.12.2006	1 587.00	997.00	1 588.00	3 215.00	11 300.00
08.12.2006	1 557.00	985.10	1 596.00	3 195.00	11 390.00
07.12.2006	1 559.00	976.00	1 619.00	3 188.00	11 475.00
06.12.2006	1 565.00	967.00	1 599.00	3 165.00	11 150.00
05.12.2006	1 562.00	975.00	1 583.00	3 150.00	11 300.00
04.12.2006	1 561.00	952.00	1 596.00	3 075.00	10 818.00
01.12.2006	1 571.00	950.50	1 574.00	3 135.00	10 862.00
30.11.2006	1 577.00	936.00	1 555.00	3 150.00	10 830.00
29.11.2006	1 575.00	938.50	1 515.00	3 170.00	10 825.00
28.11.2006	1 564.00	914.10	1 490.00	3 130.00	10 700.00
27.11.2006	1 591.00	928.50	1 506.00	3 220.00	10 730.00
24.11.2006	1 582.00	920.00	1 505.00	3 195.00	10 800.00
23.11.2006	1 591.00	924.00	1 548.00	3 200.00	10 930.00
22.11.2006	1 635.00	929.70	1 578.00	3 172.00	10 800.00
21.11.2006	1 644.00	923.70	1 549.00	3 154.00	10 700.00
20.11.2006	1 630.00	907.00	1 535.00	3 155.00	10 980.00
16.11.2006	1 632.00	914.00	1 546.00	3 265.00	11 550.00
15.11.2006	1 653.00	890.00	1 535.00	3 280.00	11 820.00
14.11.2006	1 635.00	895.00	1 508.00	3 263.00	11 800.00
13.11.2006	1 595.00	903.50	1 509.00	3 289.00	11 600.00
10.11.2006	1 579.00	898.00	1 510.00	3 320.00	11 650.00
09.11.2006	1 723.00	895.00	1 507.00	3 425.00	11 650.00
08.11.2006	1 675.00	886.00	1 480.00	3 500.00	11 440.00
07.11.2006	1 670.00	883.20	1 472.00	3 486.00	11 550.00
06.11.2006	1 650.00	885.00	1 479.00	3 468.00	11 390.00
03.11.2006	1 635.00	876.60	1 490.00	3 447.00	11 395.00
02.11.2006	1 605.00	875.00	1 485.00	3 412.00	11 400.00
01.11.2006	1 635.00	891.00	1 485.00	3 445.00	11 600.00
31.10.2006	1 625.00	873.00	1 501.00	3 430.00	11 550.00
30.10.2006	1 652.00	860.00	1 485.00	3 410.00	11 700.00
27.10.2006	1 672.00	879.00	1 521.00	3 424.00	11 879.00
26.10.2006	1 676.00	890.00	1 530.00	3 466.00	11 835.00
25.10.2006	1 675.00	882.80	1 555.00	3 450.00	11 750.00
24.10.2006	1 685.00	851.00	1 525.00	3 416.00	11 300.00
23.10.2006	1 681.00	845.00	1 513.00	3 439.00	11 290.00
20.10.2006	1 670.00	840.00	1 488.00	3 436.00	11 020.00
19.10.2006	1 651.00	825.00	1 490.00	3 420.00	10 930.00
18.10.2006	1 670.00	827.00	1 500.00	3 460.00	10 770.00
17.10.2006	1 590.00	814.00	1 491.00	3 428.00	10 650.00
16.10.2006	1 554.00	817.60	1 485.00	3 459.00	11 049.00
13.10.2006	1 546.00	819.00	1 458.00	3 420.00	10 960.00
12.10.2006	1 522.00	808.60	1 450.00	3 321.00	10 759.00

11.10.2006	1 560.00	802.00	1 435.00	3 360.00	10 540.00
10.10.2006	1 537.00	800.00	1 433.00	3 350.00	10 550.00
09.10.2006	1 509.00	789.90	1 391.00	3 300.00	10 420.00
06.10.2006	1 520.00	786.00	1 400.00	3 287.00	10 300.00
05.10.2006	1 520.00	800.00	1 407.00	3 330.00	9 955.00
04.10.2006	1 527.00	805.00	1 380.00	3 355.00	9 860.00
03.10.2006	1 560.00	795.00	1 369.00	3 335.00	9 800.00
02.10.2006	1 502.00	788.00	1 375.00	3 300.00	9 740.00
29.09.2006	1 505.00	789.00	1 402.00	3 320.00	9 780.00
27.09.2006	1 527.00	775.30	1 394.00	3 350.00	9 745.00
26.09.2006	1 490.00	766.00	1 322.00	3 319.00	9 600.00
25.09.2006	1 492.00	745.00	1 308.00	3 250.00	9 550.00
22.09.2006	1 496.00	760.00	1 308.00	3 201.00	9 360.00
21.09.2006	1 510.00	788.00	1 335.00	3 315.00	9 500.00
20.09.2006	1 473.00	787.00	1 335.00	3 320.00	9 350.00
19.09.2006	1 499.00	793.00	1 340.00	3 342.00	9 440.00
18.09.2006	1 499.00	800.90	1 347.00	3 390.00	9 550.00
15.09.2006	1 495.00	816.00	1 335.00	3 413.00	9 450.00
14.09.2006	1 468.00	818.30	1 321.00	3 450.00	9 450.00
13.09.2006	1 415.00	814.00	1 328.00	3 440.00	9 550.00
12.09.2006	1 368.00	809.50	1 315.00	3 370.00	9 551.00
11.09.2006	1 399.00	823.50	1 314.00	3 412.00	9 370.00
08.09.2006	1 374.00	835.00	1 333.00	3 426.00	9 300.00
07.09.2006	1 365.00	822.00	1 312.00	3 350.00	9 250.00
06.09.2006	1 376.00	828.00	1 330.00	3 341.00	9 300.00
05.09.2006	1 380.00	830.00	1 330.00	3 360.00	9 250.00
04.09.2006	1 360.00	825.70	1 340.00	3 360.00	9 399.00
01.09.2006	1 368.00	824.00	1 333.00	3 329.00	9 490.00
31.08.2006	1 350.00	823.50	1 320.00	3 280.00	9 290.00
30.08.2006	1 335.00	810.10	1 337.00	3 271.00	9 100.00
29.08.2006	1 290.00	810.00	1 305.00	3 270.00	8 850.00
28.08.2006	1 270.00	807.40	1 296.00	3 280.00	9 390.00
25.08.2006	1 290.00	818.90	1 299.00	3 350.00	10 050.00
24.08.2006	1 282.00	820.00	1 293.00	3 355.00	11 081.00
23.08.2006	1 256.00	816.00	1 292.00	3 358.00	10 850.00
22.08.2006	1 245.00	821.90	1 294.00	3 360.00	10 790.00
21.08.2006	1 265.00	817.40	1 305.00	3 360.00	10 850.00
18.08.2006	1 277.00	819.10	1 300.00	3 380.00	11 000.00
17.08.2006	1 263.00	812.40	1 305.00	3 380.00	10 850.00
16.08.2006	1 286.00	818.00	1 305.00	3 340.00	10 700.00
15.08.2006	1 305.00	803.00	1 280.00	3 330.00	10 900.00
14.08.2006	1 285.00	811.40	1 270.00	3 300.00	11 050.00
11.08.2006	1 284.00	804.90	1 273.00	3 311.00	11 600.00
10.08.2006	1 260.00	805.09	1 272.00	3 305.00	12 221.00
09.08.2006	1 278.00	818.00	1 280.00	3 328.00	12 110.00
08.08.2006	1 277.00	814.50	1 277.00	3 325.00	12 100.00
07.08.2006	1 275.00	815.10	1 280.00	3 305.00	12 105.00
04.08.2006	1 295.00	820.35	1 277.00	3 312.00	12 250.00
03.08.2006	1 325.00	829.83	1 270.00	3 260.00	12 400.00
02.08.2006	1 368.00	818.90	1 280.00	3 285.00	12 353.00

01.08.2006	1 340.00	806.00	1 276.00	3 286.00	12 400.00
31.07.2006	1 345.00	814.10	1 277.00	3 280.00	12 479.00
28.07.2006	1 311.00	818.00	1 295.00	3 245.00	12 100.00
27.07.2006	1 330.00	813.00	1 276.00	3 255.00	12 100.00
26.07.2006	1 276.00	809.93	1 282.00	3 220.00	12 000.00
25.07.2006	1 260.00	795.00	1 255.00	3 247.00	12 100.00
24.07.2006	1 257.00	782.90	1 236.00	3 235.00	12 364.00
21.07.2006	1 210.00	762.00	1 223.00	3 160.00	12 199.00
20.07.2006	1 276.00	769.00	1 255.00	3 150.00	12 001.00
19.07.2006	1 251.00	745.00	1 221.00	3 075.00	11 800.00
18.07.2006	1 275.00	751.00	1 228.00	3 056.00	11 600.00
17.07.2006	1 260.00	735.90	1 220.00	3 030.00	11 600.00
14.07.2006	1 287.00	718.00	1 240.00	3 016.00	11 660.00
13.07.2006	1 341.00	726.10	1 254.00	3 110.00	11 850.00
12.07.2006	1 382.00	743.30	1 252.00	3 200.00	11 600.00
11.07.2006	1 374.00	725.00	1 260.00	3 184.00	11 750.00
10.07.2006	1 392.00	718.00	1 272.00	3 180.00	11 910.00
07.07.2006	1 389.00	727.00	1 277.00	3 183.00	11 850.00
04.07.2006	1 421.00	728.00	1 283.00	3 221.00	12 090.00
03.07.2006	1 431.50	741.10	1 295.00	3 240.00	12 339.00
30.06.2006	1 401.00	751.00	1 266.00	3 261.00	11 828.60
29.06.2006	1 401.00	727.60	1 220.00	3 212.00	11 800.00
28.06.2006	1 376.00	692.00	1 210.00	3 178.00	12 050.00
27.06.2006	1 410.00	698.80	1 225.00	3 195.00	11 600.00
26.06.2006	1 385.00	672.70	1 210.00	3 125.00	11 850.00
23.06.2006	1 377.00	651.40	1 216.00	3 120.00	12 450.00
22.06.2006	1 380.00	660.00	1 207.00	3 170.00	12 400.00
21.06.2006	1 370.00	672.00	1 208.00	3 250.00	12 271.00
20.06.2006	1 350.00	672.00	1 204.00	3 290.00	12 310.00
19.06.2006	1 294.00	672.50	1 210.00	3 250.00	12 400.00
16.06.2006	1 226.00	653.82	1 165.00	3 140.00	12 250.00
15.06.2006	1 186.00	640.00	1 199.60	3 120.00	12 300.00
14.06.2006	1 144.00	561.43	1 140.00	2 835.00	12 330.00
13.06.2006	1 212.00	540.30	1 119.00	2 780.00	12 300.00
12.06.2006	1 236.00	590.00	1 152.00	2 787.00	12 390.00
09.06.2006	1 257.00	617.70	1 192.00	2 838.00	12 200.00
08.06.2006	1 295.00	612.80	1 200.00	2 929.00	12 250.00
07.06.2006	1 298.00	655.00	1 220.00	3 076.14	12 430.00
06.06.2006	1 325.00	682.60	1 270.00	3 164.00	12 500.00
05.06.2006	1 340.00	680.73	1 291.00	3 180.00	12 650.00
02.06.2006	1 320.00	720.00	1 300.00	3 228.00	12 580.00
01.06.2006	1 300.00	705.52	1 258.00	3 130.00	12 410.00
31.05.2006	1 320.00	682.90	1 260.00	3 100.00	12 197.00
30.05.2006	1 332.00	703.00	1 279.00	3 148.00	11 820.00
29.05.2006	1 351.00	719.00	1 288.00	3 150.00	12 333.00
26.05.2006	1 325.00	738.00	1 278.00	3 190.00	11 600.00
25.05.2006	1 319.00	705.00	1 263.00	3 123.00	11 050.00
24.05.2006	1 330.00	720.00	1 232.00	3 093.90	10 774.00
23.05.2006	1 335.00	701.42	1 293.00	3 320.00	10 202.00
22.05.2006	1 408.00	720.40	1 270.00	3 130.00	11 701.00



19.05.2006	1 445.00	753.00	1 328.00	3 395.00	12 150.00
18.05.2006	1 471.00	761.00	1 327.00	3 480.00	12 747.00
17.05.2006	1 493.00	786.00	1 328.00	3 500.00	12 320.00
16.05.2006	1 525.00	772.90	1 336.00	3 530.00	12 500.00
15.05.2006	1 515.00	747.54	1 372.00	3 470.00	12 730.00
12.05.2006	1 561.00	779.00	1 410.00	3 604.00	13 000.00
11.05.2006	1 550.00	808.00	1 435.00	3 639.00	13 550.00
10.05.2006	1 568.00	798.90	1 430.00	3 641.00	14 200.00
09.05.2006	1 525.00	792.50	1 428.00	3 608.00	14 250.00
05.05.2006	1 491.00	789.00	1 396.00	3 564.00	13 551.00
04.05.2006	1 450.00	777.90	1 396.00	3 570.00	13 220.00
03.05.2006	1 445.00	751.00	1 391.00	3 570.00	13 620.00
02.05.2006	1 465.00	752.10	1 390.00	3 567.00	14 100.00
28.04.2006	1 480.00	771.70	1 380.00	3 560.00	14 416.00
27.04.2006	1 490.00	797.00	1 401.00	3 562.00	14 550.00
26.04.2006	1 485.00	834.19	1 422.00	3 620.00	14 600.00
25.04.2006	1 490.00	836.20	1 403.00	3 500.00	14 650.00
24.04.2006	1 507.00	826.35	1 425.00	3 480.00	15 080.00
21.04.2006	1 510.00	842.00	1 426.00	3 470.00	15 200.00
20.04.2006	1 517.00	839.60	1 416.00	3 470.00	14 800.00
19.04.2006	1 501.00	827.00	1 410.00	3 460.00	14 850.00
18.04.2006	1 545.00	813.20	1 380.00	3 434.00	15 000.00
14.04.2006	1 540.00	816.60	1 380.00	3 400.00	15 100.00
13.04.2006	1 550.00	814.00	1 383.00	3 369.00	15 099.00
12.04.2006	1 584.00	820.00	1 382.00	3 410.00	16 145.06
11.04.2006	1 570.00	814.00	1 382.92	3 404.88	16 250.00
10.04.2006	1 580.00	838.00	1 392.00	3 417.00	16 750.00
07.04.2006	1 596.00	843.00	1 400.00	3 446.00	16 600.00
06.04.2006	1 569.00	844.30	1 391.00	3 413.16	16 500.00
05.04.2006	1 594.00	837.90	1 388.00	3 385.00	16 400.00
04.04.2006	1 615.00	831.33	1 375.00	3 370.00	16 150.00
03.04.2006	1 619.00	827.00	1 380.00	3 329.00	16 065.00
31.03.2006	1 647.00	821.00	1 382.00	3 270.00	16 090.00
30.03.2006	1 682.00	815.00	1 375.00	3 280.00	16 100.00
29.03.2006	1 673.00	812.00	1 355.00	3 250.00	16 500.00
28.03.2006	1 675.00	830.00	1 345.00	3 230.00	16 850.00
27.03.2006	1 750.00	842.40	1 345.00	3 250.00	16 589.00
24.03.2006	1 692.20	840.00	1 353.00	3 249.00	17 150.00
23.03.2006	1 680.00	840.50	1 365.00	3 240.00	17 100.00
22.03.2006	1 670.00	833.60	1 365.00	3 240.00	17 200.00
21.03.2006	1 641.00	833.00	1 377.00	3 300.00	17 400.00
20.03.2006	1 660.00	836.00	1 391.00	3 313.00	17 770.00
17.03.2006	1 620.00	820.00	1 390.80	3 296.00	17 435.00
16.03.2006	1 674.00	823.00	1 380.00	3 300.00	17 275.00
15.03.2006	1 625.00	808.78	1 372.25	3 250.00	17 060.00
14.03.2006	1 630.00	795.10	1 354.00	3 220.00	17 378.00
13.03.2006	1 555.00	815.00	1 375.00	3 308.00	17 050.00
10.03.2006	1 552.00	812.47	1 354.00	3 308.00	17 030.00
09.03.2006	1 575.00	804.60	1 364.00	3 336.66	16 810.00
08.03.2006	1 547.00	791.80	1 350.02	3 310.00	17 060.00

07.03.2006	1 533.33	818.63	1 364.00	3 370.00	17 600.00
06.03.2006	1 530.00	830.00	1 408.00	3 420.00	17 800.00
03.03.2006	1 445.00	826.76	1 416.00	3 448.00	17 700.00
02.03.2006	1 408.00	828.00	1 375.00	3 374.00	18 000.00
01.03.2006	1 400.00	818.49	1 415.00	3 400.00	18 000.00
28.02.2006	1 420.00	830.24	1 435.00	3 391.00	18 070.00
27.02.2006	1 427.75	860.00	1 471.00	3 531.00	18 335.00
24.02.2006	1 375.00	844.45	1 445.00	3 476.00	18 300.00
23.02.2006	1 368.00	839.00	1 470.00	3 490.00	18 500.00
22.02.2006	1 435.00	831.69	1 473.00	3 450.00	18 582.00
21.02.2006	1 434.00	836.00	1 475.00	3 494.00	18 527.17
20.02.2006	1 412.78	830.48	1 430.00	3 484.00	18 400.00
17.02.2006	1 470.00	820.35	1 438.11	3 412.00	18 300.00
16.02.2006	1 460.00	803.20	1 423.00	3 399.00	17 900.00
15.02.2006	1 442.50	778.52	1 390.00	3 375.00	18 050.00
14.02.2006	1 406.85	801.66	1 383.00	3 354.00	18 000.00
13.02.2006	1 440.86	796.00	1 380.00	3 390.00	18 165.21
10.02.2006	1 448.00	792.19	1 383.00	3 415.00	18 250.00
09.02.2006	1 440.00	802.47	1 370.00	3 409.00	18 150.00
08.02.2006	1 419.00	821.02	1 359.00	3 394.00	18 450.00
07.02.2006	1 436.00	829.90	1 351.00	3 395.00	18 300.00
06.02.2006	1 429.00	826.51	1 339.00	3 399.00	18 250.00
03.02.2006	1 437.29	822.43	1 329.00	3 395.00	18 350.00
02.02.2006	1 363.00	827.86	1 338.31	3 396.00	18 314.25
01.02.2006	1 328.00	814.76	1 300.00	3 404.00	18 195.72
31.01.2006	1 330.00	810.78	1 318.00	3 513.07	18 142.65
30.01.2006	1 341.00	805.21	1 319.15	3 520.23	18 200.00
27.01.2006	1 363.00	802.21	1 309.96	3 511.87	18 257.91
26.01.2006	1 359.00	806.90	1 310.61	3 499.03	18 296.80
25.01.2006	1 398.00	807.53	1 327.85	3 563.98	18 348.31
24.01.2006	1 400.00	795.19	1 323.00	3 590.37	18 320.00
23.01.2006	1 420.00	790.38	1 333.13	3 573.35	18 251.36
20.01.2006	1 411.00	794.00	1 327.62	3 589.23	18 075.70
19.01.2006	1 435.00	784.74	1 306.82	3 588.01	18 299.66
18.01.2006	1 425.00	769.66	1 289.19	3 532.04	18 515.88
17.01.2006	1 429.00	780.77	1 300.00	3 588.52	18 193.70
16.01.2006	1 440.00	783.03	1 297.00	3 568.17	18 510.40
13.01.2006	1 440.00	764.78	1 320.63	3 612.11	18 452.64
12.01.2006	1 427.00	768.57	1 335.86	3 633.44	18 418.64
11.01.2006	1 414.00	772.00	1 338.00	3 645.65	18 476.74
10.01.2006	1 412.00	773.01	1 368.00	3 625.66	18 268.18
09.01.2006	1 415.00	762.77	1 365.91	3 672.13	17 989.81
06.01.2006	1 421.00	763.00	1 360.00	3 604.58	18 016.68
05.01.2006	1 415.00	743.45	1 357.28	3 512.07	18 183.45
04.01.2006	1 410.00	749.83	1 386.03	3 515.61	18 226.38
03.01.2006	1 385.00	754.50	1 388.75	3 497.23	18 250.00
02.01.2006	1 390.00	743.00	1 401.00	3 439.83	18 103.01
30.12.2005	1 409.00	737.00	1 372.00	3 449.17	17 946.66
29.12.2005	1 408.00	733.69	1 386.21	3 455.52	17 650.00
28.12.2005	1 400.00	733.69	1 350.00	3 432.29	17 500.00

27.12.2005	1 400.00	736.00	1 354.50	3 445.70	17 284.03
23.12.2005	1 412.00	723.60	1 297.40	3 443.16	17 500.00
22.12.2005	1 400.00	730.48	1 333.64	3 441.20	17 464.66
21.12.2005	1 418.00	736.60	1 281.16	3 491.98	17 334.60
20.12.2005	1 447.00	736.85	1 317.76	3 489.36	17 295.90
19.12.2005	1 410.00	725.60	1 328.00	3 448.09	17 155.19
16.12.2005	1 402.00	723.60	1 307.08	3 419.39	17 284.16
15.12.2005	1 441.00	724.75	1 300.00	3 508.00	17 241.98
14.12.2005	1 450.00	721.70	1 297.00	3 509.90	17 050.00
13.12.2005	1 425.00	714.27	1 288.00	3 475.43	17 225.80
12.12.2005	1 388.00	702.98	1 307.87	3 484.87	17 241.00
09.12.2005	1 342.00	697.42	1 300.45	3 488.00	17 397.00
08.12.2005	1 350.00	699.15	1 320.00	3 436.99	17 313.17
07.12.2005	1 370.00	701.22	1 320.00	3 440.43	17 364.78
06.12.2005	1 295.00	693.76	1 321.63	3 410.00	17 205.77
05.12.2005	1 300.00	699.89	1 327.34	3 458.07	16 935.00
02.12.2005	1 293.00	689.34	1 345.61	3 452.94	17 005.74
01.12.2005	1 309.00	679.96	1 332.00	3 404.89	17 000.00
30.11.2005	1 300.00	678.91	1 298.00	3 430.15	17 000.00
29.11.2005	1 309.00	680.86	1 310.00	3 428.58	17 028.99
28.11.2005	1 300.00	678.98	1 310.00	3 386.07	17 048.04
25.11.2005	1 267.00	680.51	1 296.50	3 370.00	17 205.77
24.11.2005	1 219.00	674.01	1 290.00	3 373.16	17 115.14
23.11.2005	1 224.00	673.50	1 290.00	3 362.56	17 147.52
22.11.2005	1 205.00	676.20	1 262.00	3 316.32	16 734.79
21.11.2005	1 232.00	681.00	1 270.00	3 356.63	16 746.23
18.11.2005	1 230.00	673.00	1 286.64	3 393.27	16 623.33
16.11.2005	1 249.00	652.50	1 287.42	3 332.32	16 620.69
15.11.2005	1 234.00	644.97	1 290.00	3 314.97	16 807.88
14.11.2005	1 201.00	661.65	1 300.39	3 372.57	16 905.00
11.11.2005	1 140.00	685.65	1 300.00	3 409.31	17 000.00
10.11.2005	1 180.00	686.47	1 317.76	3 382.17	17 066.87
09.11.2005	1 167.00	694.60	1 306.38	3 445.41	16 913.60
08.11.2005	1 135.00	699.98	1 300.00	3 474.78	17 280.90
07.11.2005	1 148.00	710.06	1 295.58	3 513.54	17 584.76
04.11.2005	1 160.00	680.50	1 292.00	3 534.29	17 528.06
03.11.2005	1 198.00	674.08	1 274.91	3 504.50	17 553.03
02.11.2005	1 186.00	673.16	1 282.59	3 448.68	17 325.95
01.11.2005	1 190.00	659.02	1 284.92	3 450.00	16 874.65
31.10.2005	1 209.00	647.67	1 279.00	3 473.26	16 675.77
27.10.2005	1 215.00	625.17	1 223.44	3 335.18	16 983.90
26.10.2005	1 218.00	659.31	1 230.00	3 335.18	16 956.67
25.10.2005	1 205.00	651.78	1 224.44	3 212.35	17 025.50
24.10.2005	1 185.00	624.79	1 240.00	3 169.79	16 402.74
21.10.2005	1 190.00	608.91	1 211.13	3 109.72	16 966.00
20.10.2005	1 205.00	610.07	1 239.51	3 063.59	17 415.08
19.10.2005	1 213.00	618.76	1 201.59	3 043.90	18 040.00
18.10.2005	1 193.00	661.21	1 260.51	3 233.87	18 279.78
17.10.2005	1 195.00	664.42	1 216.56	3 140.00	18 327.45
14.10.2005	1 237.00	633.96	1 210.25	3 223.43	18 737.00

13.10.2005	1 300.00	671.74	1 225.84	3 302.79	18 501.54
12.10.2005	1 291.00	701.81	1 247.00	3 393.00	18 560.26
11.10.2005	1 277.00	713.57	1 230.00	3 474.76	18 396.83
10.10.2005	1 300.00	706.35	1 260.97	3 381.51	18 614.41
07.10.2005	1 297.00	687.92	1 274.02	3 402.30	19 219.20
06.10.2005	1 296.00	700.63	1 292.58	3 508.00	19 278.88
05.10.2005	1 279.00	741.81	1 312.89	3 667.12	19 300.85
04.10.2005	1 274.00	753.28	1 322.88	3 686.85	19 040.07
03.10.2005	1 290.00	741.09	1 318.40	3 658.99	19 471.10
30.09.2005	1 304.00	738.52	1 302.91	3 580.26	19 629.40
29.09.2005	1 287.00	738.77	1 293.58	3 671.27	19 524.24
27.09.2005	1 262.00	740.10	1 310.00	3 666.27	19 379.02
26.09.2005	1 270.00	700.95	1 318.63	3 685.46	19 169.96
23.09.2005	1 309.00	700.00	1 300.00	3 632.72	18 937.05
22.09.2005	1 319.00	713.93	1 321.11	3 686.09	19 280.80
21.09.2005	1 306.00	711.07	1 308.37	3 701.83	19 038.51
20.09.2005	1 304.00	703.70	1 347.84	3 701.43	18 820.73
19.09.2005	1 309.00	706.06	1 377.06	3 745.91	18 928.35
16.09.2005	1 289.00	689.53	1 362.95	3 669.34	18 923.22
15.09.2005	1 299.00	673.88	1 369.30	3 630.38	19 192.65
14.09.2005	1 297.00	644.12	1 360.00	3 539.70	18 737.81
13.09.2005	1 274.00	653.54	1 384.21	3 511.61	18 900.00
12.09.2005	1 299.00	657.74	1 390.00	3 526.03	19 250.00
09.09.2005	1 325.00	652.80	1 390.00	3 510.00	18 700.00
08.09.2005	1 305.00	647.00	1 379.00	3 330.00	18 900.00
07.09.2005	1 281.00	635.00	1 382.00	3 303.00	18 950.00
06.09.2005	1 275.00	645.20	1 345.00	3 394.00	18 700.00
05.09.2005	1 285.00	656.60	1 350.00	3 405.00	18 890.00
02.09.2005	1 282.00	678.00	1 360.00	3 417.00	19 450.00
01.09.2005	1 257.00	666.00	1 330.00	3 340.00	19 150.00
31.08.2005	1 217.00	635.00	1 330.00	3 305.00	18 726.00
30.08.2005	1 219.00	605.00	1 321.00	3 215.00	19 050.00
29.08.2005	1 220.00	586.00	1 320.00	3 209.00	19 200.00
26.08.2005	1 205.00	588.90	1 330.00	3 250.00	19 127.00
25.08.2005	1 207.00	587.00	1 323.00	3 252.00	19 400.00
24.08.2005	1 215.00	573.20	1 325.00	3 271.00	19 395.00
23.08.2005	1 210.00	561.50	1 310.00	3 270.00	19 900.00
22.08.2005	1 216.00	555.00	1 315.00	3 310.00	19 820.00
19.08.2005	1 201.00	551.80	1 314.00	3 285.00	19 700.00
18.08.2005	1 199.00	550.40	1 325.00	3 320.00	19 900.00
17.08.2005	1 185.00	550.90	1 320.00	3 340.00	19 600.00
16.08.2005	1 210.00	554.00	1 342.00	3 309.00	19 700.00
15.08.2005	1 225.00	553.90	1 335.00	3 270.00	19 885.00
12.08.2005	1 200.00	550.00	1 330.00	3 300.00	19 965.00
11.08.2005	1 192.00	547.30	1 342.00	3 320.00	20 600.00
10.08.2005	1 200.00	544.00	1 342.00	3 330.00	19 900.00
09.08.2005	1 215.00	532.00	1 330.00	3 350.00	19 870.00
08.08.2005	1 190.00	532.70	1 335.00	3 300.00	19 900.00
05.08.2005	1 177.00	526.00	1 335.00	3 305.00	19 363.00
04.08.2005	1 186.00	525.10	1 335.00	3 321.00	19 458.00

03.08.2005	1 195.00	524.00	1 297.00	3 340.00	19 390.00
02.08.2005	1 199.00	525.00	1 277.00	3 380.00	18 970.00
01.08.2005	1 190.00	524.00	1 278.00	3 350.00	19 000.00
29.07.2005	1 194.00	526.50	1 280.00	3 295.00	19 000.00
28.07.2005	1 190.00	525.20	1 260.00	3 247.00	18 940.00
27.07.2005	1 195.00	534.00	1 235.00	3 225.00	18 197.00
26.07.2005	1 188.00	522.00	1 247.00	3 180.00	18 600.00
25.07.2005	1 235.00	523.00	1 270.00	3 209.00	18 300.00
22.07.2005	1 240.00	518.00	1 269.00	3 179.00	18 505.00
21.07.2005	1 237.00	515.50	1 285.00	3 088.00	19 000.00
20.07.2005	1 234.00	518.00	1 280.00	3 070.00	18 900.00
19.07.2005	1 215.00	510.00	1 261.00	3 110.00	19 300.00
18.07.2005	1 223.00	505.00	1 230.00	3 100.00	19 150.00
15.07.2005	1 215.00	506.10	1 256.00	3 150.00	19 000.00
14.07.2005	1 197.00	505.00	1 250.00	3 160.00	19 050.00
13.07.2005	1 203.00	515.00	1 225.00	3 135.00	18 330.00

počet pozorovani  
E(X)



CETV	ČEZ	ERSTE	KB	PM	mesicni vynosnost	CETV
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-0.04215	0.014414414	-0.00415	-0.00633	0.002786		-0.09311
0	0.019658277	0.007213	0.002114	-0.00278		-0.07137
0.018519	-0.001284404	0.009195		0	0.006524	-0.07774
-0.01818	0.006835396	0.011628	0.008959	-0.00093		-0.09863
-0.01626	0.013670412	0.003891	0.051121	0.000932		-0.07845
-0.00806	0.016175071	-0.00657	-0.00867	-0.00371		-0.05166
-0.02897	0.038742835	0.018905	0.008744	-0.00185		-0.05918
0.039056	-0.002169625	-0.01792	-0.00402	0.004655		0.029009
0.025876	-0.001968504	0.004663	0.010835	-0.00279		-0.03228
0.007569	-0.009746589	0.000259	-0.00673	0.002793		-0.07132
0.030329	0.026	0.020629	0.02765		0	-0.09375
-0.06026	-0.00477707	0.026052	0.00463	-0.00463		-0.09773
0.031933	-0.014901961	0.010974	-0.01818	-0.00553		-0.11908
-0.00668	-0.009708738	-0.01179	-0.00498	-0.0045		-0.19486
-0.01155	0.016179953	-0.03392	0.01422	0.004516		-0.20662
0.035013	0.030081301	-0.01075	0.002299	0.001662		-0.19735
-0.01181	-0.016	-0.01731		0	0.010448	-0.20014
-0.00336	-0.028182702	0.039159	0.011628	-0.00019		-0.19932
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-0.03286	-0.004	-0.02285	-0.00344	-0.00459		-0.00242
-0.01919	-0.001901141	0.010914	-0.00342	0.000918		0.064113
-0.00686	0.005736138	0.012073	-0.00068	-0.00548		0.085833
-0.00455	0.002299732	-0.00815	0.005737	0.005602		0.07541
0.003808	-0.001339713	-0.00532	0.010199	0.017759		0.097419
0.012336	0.008882024	-0.0019	-0.01529	0.013163		0.112712
-0.01593	0.005631068	-0.01384	-0.0286	0.001898		0.22474
0.062047	0.001945525	0.027685	-0.00221	-0.00566		0.256435
-0.02283	-0.007530411	-0.00611	0.011186		0	0.188697
-0.0155	0.044995964	0.016313	0.021714		0	0.221154
-0.01677	0.011428571	0.005467	0.017679	0.004739		0.221591
0.025801	-0.008097166	-0.00065	0.014873	-0.00095		0.229616
-0.0825	-0.025641026	0.052005	0.001418	-0.00377		0.208885
-0.05683	-0.023121387	0.042814	-0.03093	0.00208		0.358674
-0.02119	-0.003838772	0.001143	-0.01689	-0.00208		0.4294
0	-0.007619048	0.005603		0	0	0.484759
0.031421	0.015473888	-0.00287	0.004298	0.001985		0.493571
-0.01081	0.002715283	-0.00257	0.00821	-0.00198		0.493878
0.114458	0.001165049	-0.00143	0.005734		0	0.606949
0.071832	0.001945525	0.009507	0.010429		0	0.383333
0.03164	-0.008678881	0.013135	-0.00116	0.004739		0.283938
0.000833	0.001351873	-0.00015	0.003951	-0.00472		0.27766
-0.01639	0.005827506	0.031302	0.013424	0.007509		0.269841
0.01582	0.001751313	-0.01526	-0.00539	-0.00275		0.32753
0.017797	-0.000972006	0.033384	0.01522	0.002852		0.294181
0.114259	-0.010769231	-0.0088	-0.03222	-0.00755		0.302428
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0.036473	-0.015570142	0.005997	-0.0095	0.003704	0.169271
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-0.01282	-0.031617647	0.013445	-0.01481	-0.00713	0.321705
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0.01335	-0.00764481	0.003165	-0.0063	0.001025	0.305914
0.090041	0.000294118	0.041186	0.029925	0.002523	0.311269
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0.010018	0.011227545	-0.02219	0.019369	-0.00799	0.193757
0.003198	0.011355034	-0.02155	-0.01178	-0.00607	0.180645
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0.024322	0.020155039	0.044623	0.0185	-0.01254	0.16242
0.019066	-0.001547988	0.003431	0.006633	-0.00692	0.110073
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0.010902	0	0.006614	-0.01281	0.007477	0.085106
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0.07197	-0.009287926	0.121076	0.010857	-0.00068	0.091568
0.032056	0.02	0.030443	0.030928	-0.0175	0.011494
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-0.02246	-0.001910756	-0.0075	0.001139	0.009619	0.047865
0.020464	0.018079872	-0.00181	0.008963	0.003824	0.090379
0.002736	-0.012319168	0.00467	-0.00412	0.003357	0.029494
0.002743	-0.011286177	-0.01048	0	0.004335	0.027263
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0.022039	0.018771727	0.008864	0.013635	0.02	0.074739
0.016807	0.00817757	-0.00677	0.013349	0.001054	0.035663
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0	0.007117438	0.022447	-0.00144	0.005263	0.015337
0.013035	-0.006013442	-0.00828	-0.00595	0.005291	0.072607
0.022899	0.022546419	0.030878	0.00119	0.010695	0.044083
0.014706	0.005942996	-0.01619	0.002387	0.005376	0.014706
0.011905	0.000606796	0.010632	-0.00238	0.003236	0.023788
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-0.00616	0.021046077	-0.02091	-0.00489	-0.00818	0.011642
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0.06209	0.012912122	-0.00998	0.006768	0.014485	0.122752
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-0.03153	-0.002176542	-0.00374	0.00145	-0.01733	-0.00117
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0.023788	0.009888752	0.003653	-0.0024	0.008148	-0.07104
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0.016236	-0.00668693	0.010028	-0.0208	-0.0199	-0.11956
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0.033717	0.015447252	0.005389	0.002222	-0.0029	-0.01998
-0.02386	0.00011976	-0.00397	0.001335	-0.00864	-0.04431
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-0.01797	0.01593674	0.016268	0.015089	0.013683	-0.0271
0.007083	0.006119951	0.009906	0.017209	0.008062	0.003923
-0.02231	-0.026221692	-0.03632	-0.01036	0.00439	0.011141
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0.001009	0.017402945	0.001138	0.004098	0.00295	0.041732
-0.00627	0.001950982	-0.0255	-0.00633	-0.00294	0.054521
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0.041612	0.021711367	0.009438	0.000902	-0.00391	0.086839
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-0.00867	-0.010928962	-0.00537	-0.0125	-0.00678	-0.15916
0.055888	0	0.048125	0.007667	0.041109	-0.10105
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-0.0191	-0.000972868	-0.0227	-0.0375	-0.04709	0.127766
-0.01042	0.00162408	0.015403	0.002506	0.001331	0.158537
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-0.00507	0.007076756	0.020359	-0.01753	-0.01739	0.25
-0.03696	-0.007134364	-0.02681	-0.03086	-0.07071	0.238787
-0.01376	-0.000971922	-0.02278	-0.01855	-0.0097	0.298913
0.016783	0.007616975	0.022119	0.036001	-0.0003	0.268097
0.081694	0.008449468	0.012972	0.020352	0.002004	0.25
-0.02866	0.006961326	-0.02203	-0.03056	-0.001	0.159649
0.034195	0.000552792	0.000115	0.009718	0	0.228339
0.012152	-0.004402862	0.004053	-0.02	0.003012	0.190304
-0.0265	-0.014642082	0.00174	0.004785	0.002718	0.169245
0.002703	0.002391824	-0.01822	-0.00476	0.000302	0.169527
0.059835	0.007447974	-0.00216	0.020656	-0.00301	0.175847
0.054539	-0.000875465	0.038966	0.023632	0.001005	0.140679
0.013091	-0.002292827	0.013038	0.012339	-0.001	0.073887
0.035563	0.005378705	0.019512	0.009662	0.000703	0.061733
0.012117	0.013348165	0.021171	-0.00025	0.00637	-0.00176
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0.007666	0.006651885	0.018159	0	0	0.025896
0.008965	0.002222222	0.004655	0.008883	0.001011	0.028674
0.035116	0.013513514	0.021594	0.032765	-0.00101	0.071375
-0.01399	-0.013333333	-0.01394	-0.01903	0.000202	0.067599
0.009783	0.005698961	0.001778	0.009868	0.022309	0.076062
-0.03715	-0.004560623	0.002546	-0.0201	-0.00697	0.074348
0.002273	0.006718925	0.02425	0.005115	0	0.133004
0.003509	0.011325028	0.009211	0.020888	0.005155	0.121789
0.028881	-0.007865169	-0.00393	0.002618	0.008316	0.064426
0.002171	-0.007914391	0.015303	-0.00934	-0.00311	0.041745
-0.00576	-0.00598338	0.000666	-0.01128	0.001037	0.027509
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0.008121	-0.010905125	-0.02036	0	-0.00072	0.087412
0.028136	0.007692308	0.020779	0.012947	-0.01216	0.055928
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0.001625	-0.008859358	0.002632	-0.00518	-0.00399	0.077476
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-0.00681	0.00682403	-0.0101	0.013089	0.004143	0.113503
0.017584	0.00325477	-0.00188	0.018124	-0.00996	0.12998
-0.00142	0.004056795	-0.00134	-0.0008	-0.00244	0.093416
0.010394	0.008409091	0.029717	-0.0053	0.006373	0.118429
0.050847	0.001707456	0.017581	0.008011	-0.00488	0.116

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0.008174	-0.004550626	0.001539	-0.0058	0.004314	-0.06515
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0.006958	-0.010231061	-0.00333	-0.01218	-0.00493	-0.03946
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0.026471	0.009247486	0.010548	0.010724	-0.01456	-0.04838
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0.037524	0.003310502	0.019746	0.009002	0.020102	0.017837
0.003883	-0.002277904	0.013581	0.032676	0.005127	0.097432
0.014578	0.022714036	0.024908	-0.00838	0.011078	0.055544
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0.021424	0.006920415	0.036156	0.022963	-0.00618	0.055989
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-0.06016	-0.024019128	-0.05459	-0.01359	-0.01493	0.103618
-0.01011	0.000108696	-0.00137	-0.00239	0.009119	0.155954
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0.002527	-0.006586762	-0.02054	0.001575	-0.01999	0.243007
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0.015144	-0.010905125	-0.00252	-0.02314	0.002772	0.35967
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0.118658	0.005336179	-0.00878	0.007557	0	0.179235
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0.003292	-0.010553803	-0.00027	0.003298	0.003333	0.098941
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0.013889	0.00011012	0.025462	-0.01166	0.022472	0.049779
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0.034574	0.014397321	0.01	0.012389	0.00438	0.109843
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0.053299	0.02622577	0.022621	0.009564	0.016	-0.0119
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0.042105	0.037714286	0.06125	0.024524	0.008843	0.233645
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0.057554	0.035294118	0.053665	0.02554	0.000175	1.352
0.018315	0.010835095	0.045144	0.059975	0.001582	1.188976
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0.031125	-0.003281378	-0.01478	-0.03455	-0.03164	-0.07977
0.006426	-0.042419482	-0.0049	0.002803	0.044319	-0.11761
0.067753	-0.020769231	0.094421	0.016839	0.034167	-0.11008
0.008651	0.015625	-0.05092	-0.00644	0.010526	-0.19973
0	0.003921569	0.045237	0.003876	0.032833	-0.2283
-0.00345	-0.034822104	0.008047	0.016282	0.010769	-0.25897
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-0.04	-0.023082651	0.002289	0.004237	-0.00109	-0.27089
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0.018868	0.008308157	0.004596	0.081081	-0.04878	-0.15519
0.004549	-0.042660882	-0.02058	-0.00299	-0.06435	-0.19158
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0.021309	0.017647059	0.027624	0.011504	-0.00091	-0.18667
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0.015011	-0.033962264	-0.03085	-0.02621	-0.01087	-0.15325
-0.03981	0.003787879	0	0.020265	0.001524	-0.16127
-0.02737	-0.020044543	-0.02711	-0.04051	-0.03305	-0.10504
-0.03974	0.008988764	-0.00768	-0.01777	-0.0404	-0.06957
-0.02256	-0.017660044	-0.03253	-0.03333	-0.06604	-0.04529
0.010127	0.028766086	-0.02976	-0.03226	0	0.001883
0.000633	0.012260536	-0.02463	-0.0391	-0.00563	-0.00504
0.022006	0.007722008	0.042163	0.026683	-0.03003	0
0.008486	-0.002311248	0.009251	0.025094	-0.00453	-0.0283
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0.001935	-0.003062787	0.033898	0.00597	0.036562	-0.02266
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0.028623	-0.002262443	0.003314	0.015302	-0.04382	0.035414
0.005396	0.022359291	-0.01308	-0.01742	0.023377	0.08614
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0.01118	-0.018867925	0.00431	-0.04352	0.013785	0.055772
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0.025738	-0.004494382	-0.00758	-0.00537	-0.00406	0.104054
0.003149	0.015209125	0.010213	-0.00349	0.013551	0.098621
0.0057	-0.013503376	-0.02893	-0.04022	0.005172	0.091409
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-0.04303	0.002454992	0.004252	0.000228	0	0.140896
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0.056423	0.020833333	0.054806	0.024249	-0.01678	0.230769
0.079016	-0.013968776	0.058929	-0.00126	-0.01355	0.18156
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0.00456	-0.007317073	0.027128	0.003789	-0.0098	0.150746
0.037162	0.004081633	-0.00093	-0.00503	-0.0129	0.128676
0.02069	0.009892828	0.000935	0.012211	0.016393	0.078717
-0.00344	-0.013821138	-0.01201	-0.00203	-0.03175	0.036455
0.009715	0.012345679	-0.00276	-0.00025	-0.00787	0.037063
0.044203	0.026182432	0.018779	0.018088	0.012598	0.048763
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0.015086	-0.019262982	0.027264	0.005386	0	0.067221
0.01016	-0.011589404	0.016832	0.004897	0.007378	0.06422
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0.020576	0.008264463	0.026291	0.013826	0.015264	0.136746
0.01958	-0.001650165	-0.00281	-0.01168	-0.00126	0.060364
0.014184	-0.002469136	-0.02377	0.00625	0.001401	0.047619
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0.032943	0.011494253	-0.0019	0.032765	-0.00694	-0.0668
0.019403	-0.008143322	-0.0085	-0.02154	0.014085	-0.14572
-0.01471	0.011532125	0.048515	0.009319	0.105919	-0.17791
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0.012232	0.024166667	0.022588	0.039267	0.031746	-0.20766
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0	0.016695958	-0.00671	0.012015	0.011282	0.001651
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0.019355	-0.020128088	0.028417	0.016636	0.002169	0.074221
0.020856	0.013914657	0.012329	-0.02192	-0.01224	0.056818
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0.02349	0.018921476	-0.01981	0.028968	-0.01493	0.004391
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0.017357	-0.015567766	-0.01262	0	0.010152	-0.05216
0.003371	0.00091659	0.020339	0.020988	0.053476	-0.06148
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0.023864	0.011131725	0.023142	0.027167	0.022149	-0.05654
0.02924	0.016981132	0.017118	0.015502	0.022422	-0.10615
0.022116	0.016299137	-0.01614	0.012234	0.002247	-0.14925
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-0.03198	0.004582951	0.002626	-0.00325	0.016304	-0.12878
0.022161	0.027306968	0.014657	-0.00175	-0.00325	-0.10219
0.019198	-0.025688073	-0.02151	-0.0186	-0.02328	-0.12165
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0.028329	0.024953789	0.023684	0.047679	-0.0102	-0.12064
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0.008236	0.026435734	-0.00852	0.012013	-0.01168	0.08782
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0.00144	0.004405286	0.007109	0.010949	-0.00101	0.117238
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-0.00724	0.004961832	-0.00643	0.003955	0.01165	0.098253
0	-0.0175	-0.00498	-0.01291	0.034656	0.113553
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-0.02115	0.012578616	0.008035	0.005997	0.006122	0.106522
0.038615	0.008883249	-0.00436	0.010606	0.00616	0.147059
-0.00199	-0.001267427	-0.01926	-0.00602	-0.00409	0.097953
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0.024832	0.012140992	0.054463	0.00934	0.015104	0.14382
-0.00134	0.028187919	0.010703	0.021231	0.005236	0.155039
-0.00267	-0.019736842	0	0.015308	0.020299	0.174803
-0.00927	-0.035532995	-0.02022	-0.03439	-0.01474	0.15969
0.025119	0.001270648	0	-0.00151	0.016043	0.177847
-0.01734	-0.007566204	-0.00373	-0.00658	-0.00953	0.172771
0	-0.009863903	-0.0052	-0.01416	-0.01152	0.204016
0.002676	-0.018504902	0.008989	-0.00674	0.010582	0.18498
0.018392	-0.002810705	0.010598	-0.01072	0	0.170713
0.037456	0.005282555	-0.00527	0.002907	-0.01047	0.162312
0.034357	0.005558987	0.009886	0.020772	-0.0001	0.100311
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0.018195	-0.013772455	-0.01425	-0.00409	0.007527	0.088716
0.006593	0.015815085	0.016006	0.022687	0.005405	0.070093
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0.014706	0.005207703	-0.00746	0	-0.01585	0.080658
-0.00585	0.002063107	0.005251	0.009312	-0.00959	0.066667
0.013333	0.000607165	0.009848	0.014939	0.021529	0.056371
0.011236	0.016541168	-0.01272	0.002751	0.020879	0.018868
0.034884	0.000123457	0.024521	0.000306	0.028249	-0.02412
0.015748	0.003220213	0.006944	-0.00305	-0.05751	-0.03731
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0.00624	-0.001341463	0.00464	-0.00149	-0.09304	-0.01602
0.020701	0.004901961	0.000774	-0.00089	0.02129	-0.03609
0.008835	-0.007178489	-0.00155	-0.0006	0.005561	-0.01567
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-0.0094	-0.002075449	0.003846	-0.00592	-0.01364	0.006364
0.011085	0.008247169	-0.00383	0	0.013825	0.055372
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-0.01456	0.01867995	0.019531	0.003003	-0.01835	0.027978
0.015564	-0.010352477	0.007874	0.009091	-0.01357	0.023529
0.000779	0.008075537	-0.00236	-0.00332	-0.04741	0.019841
0.019048	-0.000235998	0.000786	0.001815	-0.05081	-0.00233
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0.000783	0.004297115	0.002349	0.000902	0.000826	-0.07525
0.001569	-0.000736106	-0.00234	0.006051	-0.00041	-0.0706
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0.020896	0.016004963	0.003135	-0.0003	-0.00379	-0.04436

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0.025934	-0.004767726	-0.0139	0.010786	0.031322	-0.03997
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0.04232	0.003790451	-0.00468	0.01087	0.008333	-0.05674
0.012698	0.018779874	0.021514	-0.00832	-0.00826	-0.0787
0.002387	0.015455358	0.015372	0.003709	-0.02135	-0.08497
0.038843	0.027427822	0.01063	0.023734	0.013526	-0.08913
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0.011905	0.020519092	0.006557	0.008581	0	0.039967
-0.02098	0.024930362	-0.01613	0.004642	-0.00515	0.062395
-0.04027	-0.011155488	-0.01116	-0.03023	-0.01603	0.125
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0.005822	0.025241379	-0.00635	0.005025	-0.01277	0.118123
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0.00216	-0.012379642	-0.00392	-0.00094	0.005063	0.074903
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-0.00733	-0.017676427	-0.00927	-0.00586	-0.02018	0.072453
0.02177	-0.013182423	0.022907	-0.00644	0.04315	0.068284
0	0.032160528	0.037705	0.015255	0.002424	0.061364
0.018169	0.051445087	0.008264	0.010699	-0.02075	0.077692
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0.007299	-0.017857143	-0.00083	-0.02462	0.010513	0.046247
0.014815	0	0.003322	-0.01216	-0.00317	0.030075
0.043277	-0.000743494	-0.00496	0.012308	-0.00726	0.011236
0.055465	0.028570555	0.038627	0.035032	0.012245	-0.08097
0.033727	0.02159375	-0.02884	0.00641	-0.00407	-0.15156
0.036713	0.139946209	0.052281	0.100529	-0.00243	-0.19375
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-0.00231	-0.064427481	-0.01639	-0.04783	-0.01448	-0.16452
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0.015152	-0.054541667	-0.00692	-0.01487	0.005564	-0.10127
0.015385	0.020523869	0.033386	0.03131	0.013699	-0.08966
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0.028197	0.00807571	0.001401	0.009146	-0.00351	-0.01754
0.022803	0.004435995	0.022923	0.012346	0.051583	-0.02804
0.028276	0.014269186	0	-0.00168	0.025038	-0.06462
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0.003367	-0.04458217	-0.01477	-0.01602	-0.00342	-0.10938
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0.017208	-0.001539737	0.00647	0.009622	0.006061	0.028351
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0.001933	0.003113961	0.01551	0	0.001174	0.079217
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0.006378	-0.004559194	0.00415	-0.00442	0.009718	0.005666
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-0.00403	0.00965251	0.000788	0.009437	-0.01108
0.002425	0.004849661	-0.01245	0.029469	-0.02605
0.002431	-0.004826255	0.003906	0.005863	0.005291
0.015638	0.015686275	0.015067	-0.01286	-0.02073
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0.006584	-0.002173484	-0.0207	-0.01587	0.007895
0.015038	0.002178218	0.0048	-0.00316	-0.00262
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-0.00061	0.0002322	0.000227	0.000448	-7.7E-05
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-0.00652

0.001514



ČEZ	ERSTE	KB	PM	Var-1-denn CETV	ČEZ	ERSTE
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0.055133	0.010025	0.082192	-0.01102	3.75912E-07	0.000377372	4.88E-05
0.040727	0.014899	0.07917	-0.0137	0.000366019	2.30009E-06	8.04E-05
0.044461	-0.00255	0.08536	-0.0146	0.000308659	4.36022E-05	0.00013
0.035981	-0.01926	0.086694	0.003832	0.00024483	0.000180586	1.34E-05
0.031087	-0.02491	0.018032	0.016098	5.55233E-05	0.000254175	4.62E-05
0.020388	-0.03205	-0.00244	0.021822	0.000804349	0.001483069	0.000349
-0.01576	-0.02371	-0.01327	0.017925	0.00157365	5.76876E-06	0.000329
-0.02105	-0.01197	0.00179	0.013208	0.000701698	4.8431E-06	1.97E-05
0.02502	-0.00052	0.012571	0.016038	6.69534E-05	9.95762E-05	1.02E-09
0.046939	0.004686	0.037451	0.018009	0.000957433	0.00066398	0.000416
0.012146	-0.01626	0.024551	0.017045	0.003557821	2.50928E-05	0.000667
-0.00907	0.008622	0.021277	0.017925	0.001059235	0.000229043	0.000115
-0.01734	0.040388	0.008018	0.025714	3.67803E-05	9.88222E-05	0.000144
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-0.03467	0.097126	-0.01802	0.023585	0.001269207	0.000890969	0.000121
-0.04836	0.105874	-0.01606	0.023915	0.000125468	0.000263484	0.000308
-0.03026	0.122464	-0.00798	0.011321	7.5683E-06	0.000807407	0.001516
-0.00097	0.078624	-0.01376	0.011509	0.001399716	0.000265575	0.000849
0.017315	0.121291	0.008111	0.023585	0.00104011	1.79115E-05	0.000532
0.012536	0.16258	0.010417	0.033175	0.00034497	4.55114E-06	0.000114
0.015836	0.149861	0.017894	0.027358	3.90205E-05	3.02933E-05	0.00014
0.015929	0.171708	0.032266	0.040776	1.55176E-05	4.27469E-06	7.02E-05
0.015373	0.163308	0.020848	0.032133	1.95469E-05	2.47091E-06	3.08E-05
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-0.10029	0.153146	-0.03104	0.019048	0.001001403	0.00034214	0.000493
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0.004864	0.081776	0.073101	-0.04598	0.000119363	1.43868E-06	3.75E-06
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0.000684	0.065448	0.080834	-0.03524	0.000934359	0.000181651	0.000667
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-0.0465	0.113509	0.053175	0.009417	6.21413E-06	1.88023E-05	0.000168
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-0.03106	0.142822	-0.00695	0.005772	0.001278169	1.50341E-05	4.22E-08
-0.02951	0.131148	0.003896	0.005268	0.000880373	8.78791E-06	7.38E-05
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0.005405	0.124548	0.027408	0.019325	2.07065E-05	3.11341E-05	2.09E-07
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0.040718	0.07569	0.032973	0.004533	0.000126171	8.35143E-05	0.001294
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0.066341	0.033867	0.016129	0.005575	6.14519E-05	0.000223316	4.01E-06
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0.094245	0.084138	0.037762	0.002906	1.44235E-05	8.20434E-05	0.000101
0.087302	0.080294	0.084286	0.013482	0.000118804	0.000318025	0.000251
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-0.02073	-0.01803	0.041304	-0.00077	0.000459309	5.32321E-05	0.000181
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0.00236	-0.00172	0.038547	-0.01112	0.000119798	4.23172E-05	3.4E-05
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0.011152	-0.03398	-0.00895	-0.02432	0.001782311	0.000180429	0.002454
-0.00124	0.029412	-0.05959	-0.02402	0.001636875	1.0233E-06	0.000566
0.001245	0.033974	-0.01614	-0.02128	4.19785E-05	3.80309E-05	2.68E-06
0.022503	0.045455	-0.01807	-0.01274	3.75912E-07	3.99314E-06	0.000186
0.024112	0.079782	-0.024	-0.02538	0.000348332	9.56546E-05	0.003668
0.021739	0.058699	-0.02487	-0.01009	5.65458E-05	0.001326444	0.000243
0.085079	0.100362	0.027143	-0.00342	0.000334467	0.000227317	1.91E-05
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0.067872	0.017218	-0.031	0	0.011284234	0.000811693	0.001667
0.116778	0.151575	0.025281	-0.00213	0.005745768	3.23591E-06	0.000224
0.102767	0.160234	0.018028	-0.00434	0.000196778	5.39168E-08	4.5E-05
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0.076974	0.269367	0.057437	-0.04	0.000201371	2.01611E-05	6.54E-05
0.083147	0.352586	0.10753	-0.03237	1.24035E-05	4.87007E-06	0.0005
0.094793	0.334203	0.116844	-0.00493	0.000993992	9.77728E-07	0.000972
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0.066225	0.403012	0.11814	-0.02742	0.001070745	0.000159348	0.004761
0.046476	0.542875	0.142769	-0.02258	1.60192E-06	5.5035E-05	0.000722
0.055406	0.541139	0.168864	-0.02985	0.003399523	0.000292958	0.002217
0.011278	0.450405	0.13621	-0.02293	3.75912E-07	1.01706E-06	0.000165
0.016393	0.466922	0.225397	-0.03106	0.000145085	1.22765E-05	0.000379
0.043399	0.401198	0.165587	-0.03314	0.011131985	0.000223158	0.000163
0.016057	0.413276	0.133775	-0.03314	0.002180837	1.278E-05	0.002201
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-0.0236	0.157435	0.076856	-0.061	6.38911E-05	0.000544196	0.000537
-0.03413	0.154596	0.033973	-0.06069	5.42994E-06	1.71689E-05	0.001518
-0.02417	0.242651	0.10961	-0.06868	3.35314E-05	2.25325E-05	0.000545
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-0.03718	0.171182	0.084374	-0.062	9.47558E-05	0.000116044	5.71E-05
-0.03065	0.175761	0.069599	-0.04082	0.001866511	0.000142825	0.001364
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-0.02188	0.113836	0.064263	0.025641	0.004534054	1.48174E-06	0.003244
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0.038533	0.104223	0.036683	-0.01075	3.03987E-06	1.10947E-06	0.000662
0.034441	0.025308	0.009826	0.00083	0.000111772	0.000646185	0.000212
0.071141	0.031532	0.032125	-0.0083	0.000161799	3.6881E-05	0.000594
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0.033575	-0.02963	0.023028	-0.01233	2.50859E-06	0.000136059	0.000462
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0.079088	0.036939	0.019277	0.001487	0.00057718	2.38832E-05	0.001236
0.055065	0.051047	0.014771	0.034025	0.00110477	0.000150887	0.000427
0.054667	0.074207	0.032012	0.011039	0.002032532	3.75662E-05	0.00118
0.059299	0.069337	0.062201	0.0064	9.52987E-05	2.80422E-05	7.09E-06
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0.082988	0.110686	0.076549	-0.01606	0.000667641	0.000323038	8.65E-06
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0.063742	0.182871	0.03114	-0.0315	0.000149843	2.30797E-06	0.000402
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0.06889	0.092734	0.051753	-0.05464	0.001646478	0.00179753	0.001542
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-0.03849	0.016196	0.011707	0.032258	0.000976172	0.00011808	0.000493
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0.041828	-0.05128	-0.05053	0.00813	0.000705772	1.15607E-05	0.000153
0.038605	-0.04052	-0.02353	0.017773	0.000120468	8.67754E-06	1.22E-07
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-0.0232	0.003791	0.034483	0.053114	0.000261507	0.000549022	6.4E-05
-0.01325	0.002086	0.003384	0.058502	5.44541E-07	2.47162E-05	2.42E-05
-0.00375	0.005836	0.016428	0.054183	0.000211413	7.71536E-06	0.000321
-0.00242	-0.00434	0.007572	0.045455	5.63951E-05	5.39168E-08	9.19E-06
0.006098	0.018571	0.002854	0.069117	9.26559E-05	0.000149041	5.37E-05
0.019536	0.004757	0	0.051188	0.0004135	0.000242188	0.000239
0.009524	-0.03744	-0.05815	0.04169	0.000481369	0.000235213	3.64E-05
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-0.00943	-0.03576	-0.05085	0.022905	0.000322731	0.000139618	4.76E-06
-0.02582	-0.03867	-0.03171	0.058783	6.73148E-05	7.1169E-06	0.000101
-0.04544	-0.04466	-0.0292	0.045455	3.2488E-05	1.71126E-05	0.000125
-0.04685	-0.00137	-0.01961	0.052752	0.000793724	1.2561E-05	0.000262
-0.04547	-0.00704	-0.02107	0.045943	0.000606639	0.00010006	0.000183
-0.02114	0.016455	-0.03486	0.008876	0.00020244	5.88371E-05	0.000292
-0.03564	-0.01241	-0.00372	0.021462	2.23534E-06	4.72617E-05	0.000109
-0.04937	-0.02017	0.00399	-0.01806	0.000324273	6.43412E-05	0.000374
-0.04835	-0.01403	0.024744	0.02391	2.98566E-05	7.68735E-06	8.58E-06
-0.05347	-0.01857	0.0025	0.024721	0.000282586	6.91838E-06	4.81E-05
-0.04751	-0.02614	0.02603	0.020525	0.00015599	0.00037356	0.000472
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-0.06773	-0.07506	-0.00396	-0.01889	0.000127501	0.000181851	9.38E-05
-0.04936	-0.07821	0.01372	-0.02389	0.000401225	2.12559E-05	1.44E-06
-0.05068	-0.06106	0.037889	-0.00876	0.000108515	2.0776E-06	5.8E-05
-0.05323	-0.11643	0.036536	-0.00565	0.000144389	6.89628E-05	0.000397
-0.05202	-0.125	0.038814	-0.0112	0.000624537	9.77728E-07	0.000432
-0.06078	-0.10326	0.048387	-0.02212	0.000476069	0.000636664	0.000739
-0.03069	-0.04486	0.095699	-0.01669	0.000189641	1.75733E-05	5.35E-05
-0.03719	-0.02942	0.104054	-0.0144	0.001314298	0.000196823	0.00027
-0.03527	-0.0067	0.116216	0	9.75117E-05	2.42757E-05	2.7E-05
-0.02517	0.012784	0.120525	-0.02682	5.48543E-06	0.000307414	0.000263
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-0.00265	0.019499	0.117808	-0.06438	0.000986004	2.50036E-05	0.000108
-0.00807	-0.01989	0.135021	-0.04891	0.000327513	0.000232135	9.63E-05
-0.03531	-0.05333	0.111264	-0.03219	2.26428E-05	5.28096E-05	0.000139
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0	0.033585	0.119821	0.006074	4.2402E-05	1.33287E-05	0.000213
-0.00375	0.05663	0.12735	0.008046	7.10652E-07	7.54071E-06	0.000141
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-0.00397	0.116266	0.112581	0.046512	4.35751E-05	3.54341E-05	0.00017
0.017599	0.153846	0.121966	0.052749	0.000990821	1.03406E-05	0.000302
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0.021637	0.178306	0.055714	0.053571	0.000482951	9.20523E-05	0.0001
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0.006928	0.121745	0.05502	0.071728	0.000154973	3.59886E-05	0.001309
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-0.08094	-0.02651	0.022378	0.11206	0.000872264	2.13088E-05	9.08E-06
-0.05885	-0.01509	0.008287	0.132718	7.403E-06	2.14258E-07	0.00082
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-0.03845	0.046694	-0.00469	0.10344	0.000320603	8.15069E-05	1.03E-06
-0.04509	0.056397	0.01841	0.063557	0.0001859	1.68444E-05	0.002375
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-0.01014	0.098645	0.00961	0.067931	0.001215088	1.40236E-08	5.43E-05
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0.013986	-0.04707	0.035942	0	4.88226E-05	0.000129302	0.000347
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0.024609	-0.10682	0.024286	0.020833	4.49596E-06	4.18846E-05	0.000715
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0.026222	0.070081	0.01269	-0.08857	0.000450328	3.04752E-06	3.95E-06
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0.003297	0.142727	0.044681	0.017885	0.003041795	1.22692E-06	0.001501
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0.02862	0.104167	0.066098	-0.02832	4.63599E-06	8.33393E-05	0.000105
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0.028571	0.101955	0.031565	-0.03378	0.000108071	2.98855E-05	2.4E-06
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0.019362	0.08935	0.08169	0.004222	5.00715E-06	8.26564E-05	5.78E-06
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0.007779	0.063897	0.015687	0.032383	0.000331149	9.13593E-06	4.45E-06
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0.023529	0.136537	0.051526	0.057158	0.000121162	6.68615E-05	0.00087
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0.087692	0.023082	0.037368	0.084337	0.001875567	9.93561E-06	0.000731
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0.029693	-0.02668	-0.03308	0.084848	0.000224468	1.329E-05	9.29E-05
0.062222	-0.0034	-0.00651	0.112062	0.000210308	1.49035E-08	0.000637
0.067474	-0.01202	0.023059	0.08802	0.000851738	0.000599273	0.000678
0.02439	-0.03599	0.049598	0.105	0.000351112	0.000648326	9.55E-06
-0.00701	-0.02308	0.033947	0.113418	1.51635E-07	1.92729E-06	4.21E-05
0.005931	-0.0278	0.078167	0.0625	0.00157329	6.8223E-05	0.000341
0.028302	-0.02542	0.063772	0.047826	0.000232128	0.000129248	0.0001
0.002326	-0.0784	0.038564	0.030483	0.00073619	3.73795E-05	0.000168
0.0065	-0.08249	0.006744	0.033073	6.08368E-05	6.60471E-05	0.000142
-0.01131	-0.0953	-0.00515	0.025895	0.000260957	2.92229E-05	2.55E-07



-0.00731	-0.09894	0.007853	-0.00291	2.27458E-06	8.41892E-05	0.000745
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-0.01655	-0.06126	0.024623	0.019509	0.000301523	0.000372275	0.000886
-0.03429	-0.10814	0.025641	-0.028	6.52022E-05	3.88315E-05	0.000708
-0.02679	-0.09393	0.01626	-0.02835	5.2085E-07	1.31912E-05	0.00013
-0.04372	-0.10094	0.003226	-0.03691	0.000163138	1.25536E-07	3.71E-05
-0.04428	-0.09178	-0.00571	-0.02901	2.29409E-06	3.95469E-06	9.07E-06
-0.0426	-0.09529	0.007857	-0.05747	0.000396674	0.000108549	0.001291
-0.06111	-0.06536	0.047987	-0.06109	0.00182171	0.000714487	2.33E-05
-0.02908	-0.02773	0.093529	-0.0418	0.000118138	0.000162471	7.06E-05
-0.03194	-0.01583	0.088643	-0.07303	0.003641836	0.000774953	0.000197
-0.03825	-0.02712	0.117904	-0.07001	0.000267108	2.32561E-05	0.000268
-0.02999	-0.02097	0.100963	-0.06504	3.75912E-07	0.000284856	1.34E-06
-0.02469	-0.03409	0.050704	-0.08936	5.81906E-05	3.57444E-05	0.000105
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-0.04983	0.002774	0.039216	-0.06977	3.60136E-06	0.000190463	0.000439
-0.06474	-0.05976	0.010697	-0.08523	0.001412757	0.000201234	0.002015
-0.04338	-0.04987	-0.01053	-0.09927	0.000681016	3.89411E-06	0.000301
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-0.02744	-0.03007	0.028541	-0.07636	0.000138892	2.5631E-06	7.86E-07
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0.019316	-0.03577	0.021087	-0.08437	0.000563745	8.29297E-07	0.00047
0.009227	-0.00142	-0.02372	-0.03816	0.000314458	2.20531E-06	0.000123
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-0.03672	0.019481	0.002172	-0.02247	0.004927604	8.31943E-05	1.63E-05
-0.00607	0.050667	0.047674	0	0.001059596	4.19802E-05	0.001243
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0.006652	0.024324	0.081486	0.020642	0.00010358	0.000446905	5.85E-06
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0.118227	0.237301	0.155656	0.194206	0.00182486	0.001404907	0.003724
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0.089744	0.046296	0.003929	0.02913	0.006655078	3.69683E-05	0.003429
0.098972	0.174168	-0.01527	0.041084	0.016988324	0.001164891	0.016256
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0.136981	0.488388	0.340934	0.011581	0.001592753	0.001511788	6.01E-05
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0.107955	0.66474	0.378657	-0.02814	0.00673377	5.46856E-06	0.003195
0.091164	0.628685	0.427793	-0.01379	5.00656E-05	0.000320731	0.000238
0.142857	0.64959	0.42623	-0.01876	0.003383408	0.001229338	0.002856
0.09898	0.646552	0.386921	-0.02029	0.000358274	0.000112421	0.002017
0.127029	0.641221	0.324324	-0.01897	0.00217064	0.000694584	0.001126
0.186412	0.800476	0.465144	0.00885	2.86213E-07	2.57233E-05	0.002428
0.185583	0.885254	0.540541	-0.0223	4.23799E-06	5.39168E-08	0.001164
0.202364	0.796262	0.453416	-0.00088	0.01446517	0.002875018	0.018783
0.106335	0.564815	0.300308	-0.02146	0.000697695	1.01619E-05	0.001582
0.12983	0.578436	0.299685	-0.00513	0.000576834	2.92485E-05	5.16E-08
0.091441	0.540284	0.296835	-0.01384	0.011204384	0.001129623	0.021015
0.109145	0.775701	0.396435	-0.00018	4.80811E-05	0.000254052	0.002523
0.123529	0.873536	0.472843	-0.02542	0.005782376	2.82066E-05	5.37E-05
0.129265	0.90682	0.53009	-0.05738	0.000656032	0.00016457	0.008178
0.114706	0.800198	0.39875	-0.04354	0.008823979	0.000138858	0.002843
0.079251	0.675558	0.233529	-0.00349	0.139729031	4.03598E-05	0.017572
0.108942	0.480583	0.140607	-0.02502	0.005794187	4.44758E-05	0.011528
0.071014	0.566972	0.082873	-0.01213	0.008557177	0.00054352	0.033793
0.11938	0.395743	0.084167	0.000176	0.020271207	0.000354273	0.003198
0.129984	0.240909	0.063705	-0.01724	5.19471E-06	3.79437E-05	0.002683
0.039882	-0.00841	-0.09643	-0.03611	0.026026531	0.000165249	0.001131
0.031838	-0.10357	-0.1385	-0.072	0.014547524	0.000819553	0.00081
0.008734	-0.12072	-0.14486	-0.07056	0.000229066	2.19547E-05	0.002652
0.004473	-0.19945	-0.16553	-0.06928	0.001730287	0.00132512	0.001725
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-0.0825	-0.33544	-0.24769	-0.06053	0.001774257	1.90884E-05	2.02E-05
-0.03106	-0.30166	-0.26033	-0.09612	0.00270592	0.000193834	0.000216
-0.04045	-0.27458	-0.28761	-0.12308	0.004213765	0.000933238	9E-05

-0.05286	-0.325	-0.30851	-0.09409	0.000359172	0.000600119	0.002384
-0.08873	-0.35047	-0.31027	-0.07714	0.000944631	0.000827179	0.000595
-0.08767	-0.33669	-0.32043	-0.09688	0.004089149	0.000321532	0.000203
-0.10199	-0.33849	-0.33183	-0.0938	0.006242113	1.00703E-05	4.47E-06
-0.10644	-0.33901	-0.37325	-0.06349	0.003976869	5.39168E-08	0.000637
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-0.09934	-0.35399	-0.31478	0.016923	0.001041116	0.000416369	0.000385
-0.08079	-0.32614	-0.27567	-0.02051	8.32263E-07	0.001159062	5.53E-07
-0.09079	-0.27719	-0.25478	0.007826	0.023299342	0.000771086	0.003055
-0.08971	-0.24567	-0.25114	-0.00517	0.001610772	0.00483515	0.002964
-0.16016	-0.30169	-0.31794	-0.01589	0.004009588	0.000810879	0.003682
-0.20229	-0.28105	-0.32103	0.017544	0.003770741	0.005488949	0.025463
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-0.13258	-0.25423	-0.15914	0.077586	0.000189074	7.90358E-05	0.001821
-0.1272	-0.21887	-0.19154	0.081315	0.002838363	3.56538E-05	0.007904
-0.14792	-0.16535	-0.2213	0.073402	0.004571534	0.000571448	3.72E-05
-0.14298	-0.19797	-0.21893	0.028914	0.004152888	0.00368426	0.002128
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-0.0219	-0.18448	-0.20192	0.009016	9.44434E-05	0.000526547	0.003318
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0.00641	0.041209	0.107861	0.041009	0.004049015	0.0012523	0.003857
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0.001026	-0.17048	0.15429	0.270095	0.00028665	0.001151923	0.000104
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0.010687	-0.18338	-0.18978	-0.24632	2.66464E-05	0.001839816	0.000433
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0.069552	-0.20445	-0.16933	-0.19938	0.000480578	0.000303277	0.000751
0.035008	-0.24896	-0.18412	-0.218	0.002229065	0.000119251	0.002284
0.011278	-0.22306	-0.15221	-0.20382	0.00027162	0.000349959	7E-05
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0.021588	-0.17825	-0.13484	-0.20346	0.001536225	1.26429E-05	5.16E-08
0.015385	-0.13734	-0.13552	-0.20947	0.000715922	0.000411146	0.000747
0.016604	-0.10948	-0.13824	-0.17117	0.001531194	7.66774E-05	6.26E-05
0.004515	-0.1163	-0.1144	-0.15888	0.000481507	0.000320132	0.001073
0.017978	-0.09351	-0.08879	-0.10306	0.000115341	0.000814183	0.000899
0.004563	-0.05617	-0.0617	-0.09091	1.55359E-06	0.000144681	0.000618
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0.163303	0.09589	0.085431	-0.02	0.000275585	0.000224399	8.45E-06

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0.163603	0.091034	0.067616	-0.02293	0.000127878	4.24014E-05	1.14E-05
0.176362	0.09903	0.04662	0.010791	0.000456056	0.000424407	0.000211
0.15342	0.084906	0.018307	0.000209	1.97912E-05	3.86811E-05	0.000377
0.156716	0.045695	0.013953	0.006616	2.47707E-06	0.000380431	0.000927
0.135387	0.007895	-0.01136	0.015359	6.4947E-05	4.58078E-05	5.16E-08
0.119854	0.036536	0.033965	0.004752	0.000398008	4.02812E-05	0.000902
0.128015	0.018493	0.008814	-0.01071	7.99734E-06	0.000430918	1.99E-07
0.10585	0.03554	0.044905	0.010101	0.00042128	7.32495E-05	2.47E-06
0.136235	0.016393	0.052191	-0.01075	0.000205905	0.001428627	2.68E-05
0.076279	-0.00404	0.05925	0	3.75912E-07	0.000271055	4.81E-05
0.042125	-0.00997	0.046675	-0.00112	6.5634E-05	0.000149409	0.000452
0.030247	0.031864	0.054321	0.073904	0.000126058	0.000111496	2.37E-06
0.020183	0.044551	0.078086	0.072731	0.000111578	1.14103E-05	9.43E-05
0.027829	0.058205	0.098318	0.077412	3.55642E-05	4.9569E-05	0.002636
0.037736	0.023538	0.106148	0.1	1.08605E-05	5.39168E-08	2.19E-05
0.05465	0.002105	0.121011	0.122022	6.69236E-05	3.20034E-05	0.000304
0.073786	0.009028	0.096325	0.08	0.000161804	2.72729E-05	0.000317
0.078431	0.037895	0.09295	0.098304	0.000784581	7.99614E-05	0.000163
0.014898	-0.02667	0.045811	0.086957	0.000412481	8.69204E-05	2.5E-05
0.00365	-0.03929	0.045363	0.069412	6.7363E-06	0.00011658	0.000132
-0.00275	-0.04793	0.05296	0.075978	0.000387566	1.92248E-05	1.54E-05
0.019774	-0.03797	0.069825	0.054171	5.61749E-05	4.78884E-07	0.000739
-0.00734	-0.03259	0.069506	0.01037	0.000322365	8.27401E-05	0.000304
-0.03336	-0.02956	0.02994	-0.01835	2.69213E-05	4.92112E-07	4.63E-05
-0.01017	0	0.104141	-0.0101	0.000398719	0.000414541	0.000795
0.016744	-0.02763	0.105492	-0.02222	0.000460932	0.00018721	0.000146
-0.0037	-0.05195	0.120253	-0.02874	1.41261E-05	4.84841E-07	0.000296
0.010319	-0.07954	0.08948	-0.02846	0.000580957	0.000349289	0.000401
0.007626	-0.04063	0.062039	0.005805	0.000235538	0.000288198	0.000226
-0.00093	-0.04129	0.01348	-0.02163	0.000322933	0.000249639	0.000165
0.01676	0.008038	0.015721	-0.02185	1.58715E-05	4.6839E-07	0.000404
0.011121	-0.01798	-0.00491	-0.065	0.000134457	4.69542E-07	0.000115
-0.00819	-0.0526	-0.03828	-0.06966	0.000599111	0.0001188	0.000525
-0.03232	-0.10875	-0.07976	-0.09703	0.000891195	0.000280527	0.000285
-0.03898	-0.12375	-0.084	-0.10352	0.000516611	0.000258146	0.000268
-0.07206	-0.11325	-0.10583	-0.13171	0.000199095	0.000153491	0.000113
-0.07374	-0.10168	-0.09069	-0.13462	0.00055247	9.16179E-05	0.000106
-0.0901	-0.11491	-0.09755	-0.11492	0.00286417	0.002551415	0.002523
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0.009208	-0.05741	-0.05226	-0.09259	0.000983776	1.8929E-05	5.76E-06
0.000917	-0.06277	-0.03542	-0.11827	0.000518645	0.000733043	0.000208
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-0.03197	-0.0589	-0.02991	-0.09897	0.000558344	0.000301535	0.000206
0.010939	-0.05353	0.003123	-0.08594	0.000837624	0.000611157	0.00055
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-0.05702	-0.10588	-0.05776	-0.0894	0.000101345	4.49128E-05	0.000175
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-0.05329	-0.06925	-0.04015	-0.07364	0.002021445	0.000255159	0.000458
-0.0455	-0.08183	-0.01106	-0.09081	1.26741E-05	0.000641363	0.000247

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-0.01196	-0.08405	0.031678	-0.08852	0.00010327	2.36791E-05	3.87E-05
0.003721	-0.0774	0.032995	-0.09502	0.000155648	0.000339686	0.00062
0.026144	-0.07229	0.039798	-0.06791	0.000861501	0.000187613	0.001423
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0.073755	-0.05461	0.079898	-0.03796	4.91507E-05	7.68901E-05	7.83E-05
0.052083	-0.05636	0.060453	-0.03501	6.67059E-05	0.000519296	5.03E-06
0.027436	-0.06358	0.060453	-0.04593	3.3123E-06	1.5225E-05	1.09E-05
0.018692	-0.05523	0.048509	-0.00638	3.75912E-07	0.000553646	1.01E-06
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0.051354	-0.04399	0.08	-0.00114	7.83146E-05	0.000686625	7.64E-05
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0.070423	0.013715	0.069498	0.042178	4.2134E-06	1.74147E-05	4.74E-05
0.072779	0.002375	0.053846	0.051396	0.000315315	6.02284E-05	5.68E-05
0.056285	0.001195	0.050882	0.032864	0.001004647	0.000592221	5.77E-05
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0.014151	-0.0055	0.034121	0.035614	2.32201E-05	1.22684E-05	0.00038
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0.032474	0.015198	0.016993	0.027184	9.77633E-05	2.62884E-06	0.000114
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0.080402	-0.00719	-0.02033	0.082294	1.34459E-06	0.000309748	1.47E-05
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0.073846	-0.01851	0	0.139896	7.66851E-05	7.12053E-05	4.72E-05
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0.104124	-0.00667	0.037912	0.086869	1.25204E-05	9.15363E-06	0.000105
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0.003297	0.021965	0.106965	-0.00973	2.85456E-06	6.14796E-05	6.81E-06
0.025641	0.033867	0.094649	-0.02989	0.000767285	6.22598E-05	4.54E-05
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0.012035	0.016	0.10235	-0.05195	0.000189234	0.000196622	8.52E-05
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0.004202	0.044486	0.026016	0.063043	0.000453416	0.000156922	9.49E-07
0.018306	0.057814	-0.00096	0.04953	5.37147E-05	0.000554225	0.000535
0.058761	0.046302	-0.00889	0.00831	0.000183285	0.001323408	0.000134
0.018647	0.061386	-0.02208	0.000924	4.58773E-05	0.000130143	2.28E-05
0.033804	0.073826	-0.00543	-0.00935	6.72289E-05	5.22799E-05	1.05E-06
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0.039298	0.03357	-0.00539	0.027944	0.00146669	0.002112124	6.86E-05
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0.102793	0.061008	-0.02574	-0.06356	0.000337612	2.77995E-05	5.16E-08
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0.086286	0.059933	-0.08118	-0.04719	1.01862E-05	0.000232845	0.000144
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0.115267	0.064286	0.048677	0.106311	0.000372672	2.5484E-06	9.86E-06
0.09375	0.055437	0.024625	0.145153	0.000314548	0.00033086	5.16E-08
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0.114068	0.084879	0.031325	0.214622	3.14537E-06	0.000158552	3.73E-05
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0.007198	0.037363	0.070988	-0.13953	0.000127073	0.000225108	1.62E-05
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-0.01094	0.002174	0.020909	-0.12596	0.000434786	5.69915E-05	2.46E-07
0.013873	0.007105	0.049231	-0.05363	9.08269E-05	5.09626E-05	7.97E-07
0.023771	0.021359	0.057416	-0.06491	3.26726E-05	0.000833582	4.56E-05
0.028221	0.012364	0.03295	-0.0176	8.85847E-05	3.79875E-05	3.53E-05
0.037577	0.033973	0.041717	-0.02525	0.000317607	3.13976E-06	3.9E-05
0.049341	0.019795	0.022927	-0.01844	0.000227126	5.4848E-05	3.74E-06
0.058222	0.028133	0.022659	-0.03869	0.000153512	5.88412E-05	8.51E-05
0.015514	0.008065	0	-0.08239	3.45047E-06	2.50359E-05	1.48E-05
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0.001788	-0.07143	-0.07163	-0.07568	4.35751E-05	6.47245E-05	5.16E-08
0.002297	-0.07332	-0.06087	-0.07437	0.000334351	2.3823E-07	8E-05
-0.00359	-0.06644	-0.05552	-0.06084	0.000117347	1.45979E-05	0.000106
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0.038869	-0.01277	-0.03704	-0.05485	6.02392E-06	0.000288089	0.000176
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0.002654	-0.00438	-0.02122	-0.07383	0.000350164	0.000253876	0.000103
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0.004223	0.051531	0.006178	-0.02466	0.003532715	1.35918E-05	3.45E-05
0.005265	0.065463	0.015611	-0.03542	0.000723154	2.99215E-06	0.000876
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0.004578	0.088462	-0.00118	-0.01076	0.000181478	0.000206921	0.000201
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0.068044	0.115112	0.003059	0.007418	0.001519187	0.000330591	0.000316
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0.023524	0.088903	-0.05268	-0.02184	0.000162431	0.000990296	0.000553
0.011512	0.078196	-0.04446	-0.02516	0.00067358	0.000846653	2.34E-05
0.026756	0.063846	-0.06535	-0.01065	0.000528579	4.73117E-05	3.79E-06
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0.113538	-0.01398	-0.03305	0.007193	0.000727302	0.000251101	0.000855
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0.074592	-0.05095	0.004529	-0.00588	5.76038E-05	4.46926E-05	1.21E-06
0.083728	-0.05842	0.023373	0.005358	0.000241111	1.23023E-05	4.61E-05
0.08848	-0.04522	0.018178	0.017343	1.26484E-05	3.65368E-05	5.23E-07
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0.065354	0.020029	0.0275	0.055672	5.8227E-05	0.000374843	0.000181
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0.25325	0.028885	0.131936	-0.05423	1.02822E-05	1.27784E-05	0.00046
0.27218	0.047194	0.131695	-0.04499	0.000260145	0.000563619	0.000103
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				4.78624E-05	3.48583E-06	0.000845

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7.49099E-06	2.48058E-05	3.2E-06
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1.16905E-05	8.87422E-05	3.14E-07
9.23151E-06	2.13209E-05	0.000161
9.26737E-06	2.5588E-05	1.35E-05
0.000264094	0.000238828	0.00022
3.51433E-05	9.34855E-05	0.000624
5.18037E-05	5.78731E-06	0.000438
0.000244945	3.78699E-06	2.09E-05
1.91355E-05	0.00038611	0.000407

0.00314	0.004676	0.007311	-0.0021	sigma^2	0.001514244	0.000380658	0.000848
				fce	0.001514244	0.000380658	0.000848
				sigma	0.038913289	0.019510461	0.029113
				fce	0.038913289	0.019510461	0.029113





KB	PM	Covar-meziv (1-denní)	CETV	ČEZ	ERSTE	KB
0.000141	5.98E-09		-0.01578033	0.001544	0.00974	0.011866
4.59E-05	8.2E-06		-0.04153564	0.014182	-0.00437	-0.00678
2.78E-06	7.29E-06		0.000613117	0.019426	0.006986	0.001666
2.01E-07	4.36E-05		0.019131635	-0.00152	0.008968	-0.00045
7.24E-05	7.29E-07		-0.0175687	0.006603	0.011401	0.008511
0.002568	1.02E-06		-0.01564705	0.013438	0.003664	0.050673
8.31E-05	1.32E-05		-0.0074514	0.015943	-0.0068	-0.00912
6.88E-05	3.15E-06		-0.02836104	0.038511	0.018678	0.008297
2E-05	2.24E-05		0.03966926	-0.0024	-0.01815	-0.00447
0.000108	7.33E-06		0.026489578	-0.0022	0.004436	0.010387
5.15E-05	8.24E-06		0.008182503	-0.00998	3.19E-05	-0.00717
0.00074	5.98E-09		0.030942406	0.025768	0.020402	0.027202
1.75E-05	2.08E-05		-0.05964747	-0.00501	0.025824	0.004182
0.000347	2.97E-05		0.03254589	-0.01513	0.010747	-0.01863
2.94E-05	1.95E-05		-0.00606468	-0.00994	-0.01202	-0.00542
0.00019	2.11E-05		-0.01093804	0.015948	-0.03415	0.013772
3.43E-06	3.02E-06		0.035625927	0.029849	-0.01098	0.001851
2.01E-07	0.000111		-0.01120123	-0.01623	-0.01754	-0.00045
0.000125	1.19E-08		-0.00275105	-0.02841	0.038931	0.01118
0.000143	0.000137		-0.03741277	-0.0163	-0.02913	-0.01194
1.51E-05	2.03E-05		-0.03225073	-0.00423	-0.02307	-0.00388
1.5E-05	9.91E-07		-0.01857338	-0.00213	0.010686	-0.00387
1.28E-06	2.92E-05		-0.00624664	0.005504	0.011846	-0.00113
2.8E-05	3.23E-05		-0.00393924	0.002068	-0.00838	0.005289
9.51E-05	0.000318		0.00442119	-0.00157	-0.00555	0.009752
0.000248	0.000175		0.012949277	0.00865	-0.00212	-0.01574
0.000844	3.9E-06		-0.01532012	0.005399	-0.01407	-0.02905
7.08E-06	3.12E-05		0.062659853	0.001713	0.027458	-0.00266
0.000115	5.98E-09		-0.02222153	-0.00776	-0.00634	0.010738
0.000452	5.98E-09		-0.01489076	0.044764	0.016086	0.021266
0.000297	2.32E-05		-0.01615518	0.011196	0.00524	0.017231
0.000208	7.56E-07		0.026414524	-0.00833	-0.00088	0.014425
9.42E-07	1.37E-05		-0.0818833	-0.02587	0.051778	0.000971
0.000984	4.65E-06		-0.05622044	-0.02335	0.042587	-0.03138
0.000301	3.99E-06		-0.02057894	-0.00407	0.000916	-0.01734
2.01E-07	5.98E-09		0.000613117	-0.00785	0.005376	-0.00045
1.48E-05	4.25E-06		0.032033882	0.015242	-0.00309	0.00385
6.02E-05	3.62E-06		-0.01019769	0.002483	-0.0028	0.007762
2.79E-05	5.98E-09		0.115070948	0.000933	-0.00165	0.005286
9.96E-05	5.98E-09		0.07244524	0.001713	0.00928	0.009981
2.58E-06	2.32E-05		0.032253417	-0.00891	0.012908	-0.00161
1.23E-05	2.15E-05		0.00144645	0.00112	-0.00037	0.003503
0.000168	5.75E-05		-0.01578033	0.005595	0.031074	0.012977
3.41E-05	7.14E-06		0.016433267	0.001519	-0.01549	-0.00584
0.000218	8.58E-06		0.018409727	-0.0012	0.033157	0.014772
0.001067	5.58E-05		0.114871852	-0.011	-0.00903	-0.03267
2.53E-05	2.13E-05		0.010146005	-0.02444	-0.02639	-0.00503
0.00115	0.00018		0.005402389	-0.00173	-0.00317	0.033912
1.86E-05	7.08E-05		0.004459271	0.001081	-0.00638	0.004314

0.00107	8.99E-08	-0.0145384	0.01404	0.01118	-0.03271
0.000924	1.8E-05	-0.00969616	-0.00872	-0.00023	-0.0304
3.88E-05	8.51E-05	0.009119733	-0.0202	-0.01064	-0.00623
9.83E-05	0.000112	0.031802201	-0.00794	-0.01024	-0.00991
6.38E-05	9.86E-05	-0.00712383	-0.02702	-0.01552	0.007987
0.000719	7.31E-06	0.017328948	0.001557	-0.01362	-0.02681
7.21E-05	6.72E-05	0.006547835	0.006975	0.003452	0.008492
7.43E-07	2.66E-05	0.03224577	0.003384	0.003466	0.000862
0.000827	5.72E-06	0.06467392	0.023652	0.009816	0.028766
0.000195	0.000186	-0.04001188	-0.01877	-0.00094	-0.01397
5.11E-08	0.000315	-0.00456823	-0.01861	0.006266	-0.00023
8.84E-05	2.72E-05	0.027208862	0.00786	0.008947	0.009404
0.000697	2.04E-07	-0.00467789	-0.00542	0.015601	-0.0264
1.38E-05	7.93E-05	0.028904738	0.000663	-0.01524	-0.00371
4.8E-05	1.16E-08	-0.00908516	-0.00238	-0.01089	-0.00693
0.00011	4.89E-06	0.024895678	0.016665	0.012621	0.010469
0.0003	0.000466	0.033680392	0.002501	0.006682	0.01733
0.000112	4.87E-05	0.008659094	-0.01654	0.005986	0.010561
1.84E-05	3.6E-05	-0.03806092	-0.01784	-0.03022	0.004293
0.000191	5.83E-07	0.012917368	0.007754	-0.0038	-0.01381
0.00025	2.6E-10	0.018836352	-0.00676	0.016934	-0.0158
0.002748	1.03E-06	0.002896222	0.001888	-0.02629	-0.05242
2.01E-07	0.0001	-0.0378062	0.004204	0.026981	-0.00045
6.3E-05	8.7E-05	0.032323196	0.038861	0.011997	0.007938
2.14E-05	2.09E-05	-0.20674774	-0.01244	-0.01887	-0.00462
0.000111	3E-05	-0.0439838	0.01418	0.032922	0.010527
1.44E-05	5.74E-06	0.054862665	-0.01084	-0.00483	0.003791
0.000431	2.5E-05	-0.02493754	-0.01465	-0.01082	0.020764
3.71E-05	7.62E-06	-0.50590862	0.018116	0.058963	0.006088
0.00163	4.11E-05	-0.03744627	0.064429	0.025824	0.040369
1.47E-05	2.54E-05	-0.00973457	-0.00432	-0.00894	-0.00384
6.88E-05	1.47E-05	0.005604797	0.005836	0.011311	-0.0083
0.000182	2.38E-05	0.027963544	-0.00626	-0.01832	-0.0135
5.27E-05	1.13E-05	0.014038842	0.008006	-0.00023	-0.00726
2.58E-05	7.33E-06	0.023199477	0.021411	0.004198	0.005077
0.0002	8.24E-06	0.065707457	0.028634	0.020421	0.014126
7.21E-06	1.18E-08	-0.03355545	0.021035	-0.0161	-0.00268
0.000173	1.53E-05	0.012133854	0.012348	0.008581	0.013158
0.000644	1.72E-06	0.031002481	-0.00659	0.011766	0.025372
4.63E-07	2.24E-05	-0.01619361	-0.0228	0.001559	-0.00068
0.000117	2.07E-05	0.029925947	-0.02072	0.004176	-0.0108
0.000664	3.21E-05	0.010807292	0.003841	0.023137	0.025769
2.51E-05	7.76E-06	-0.05007813	0.003858	0.000107	0.005014
5.31E-05	6.66E-05	0.029049136	0.001817	-0.009	-0.00729
9.63E-06	6.12E-05	0.024884962	0.009284	-0.01087	0.003102
7.91E-05	1.22E-05	-0.01468325	-0.00353	0.00936	-0.0089
0.000232	0.000163	0.011241136	-0.02202	-0.00842	-0.01525
0.000127	1.2E-05	0.025365592	-0.00064	-0.00674	0.011248
0.000119	0.000161	0.033332953	0.009951	0.014649	0.010908
1.34E-06	7.06E-07	-0.02138688	-0.02117	0.006428	-0.00116

0.000208	2.2E-05	0.005638243	0.003772	-0.00437	0.014427
1.51E-05	5.98E-09	-0.02149991	0.004798	-0.00893	0.00389
9.56E-06	8.2E-05	-0.00183786	-0.00023	-0.00724	-0.00309
6.79E-06	0.000195	-0.00231943	0.008495	-0.00364	-0.00261
4.62E-05	7.85E-05	0.023613117	0.009399	0.00533	0.006799
0.000718	7.44E-05	-0.00584491	-0.02909	-0.01425	-0.02679
6.55E-06	0.0001	-0.01068354	-0.0184	0.019996	-0.00256
8.11E-06	9.9E-07	0.000613117	-0.00837	-0.00154	0.002849
3.54E-05	3.53E-05	0.029935665	0.002683	-0.01797	0.00595
1.79E-05	0.000233	0.061771915	0.004651	0.032934	-0.00422
0.000235	6.41E-05	0.015310994	-0.00412	-0.03714	-0.01533
0.000128	6.59E-05	-0.00480107	0.033973	-0.02511	0.011317
0.000199	6.93E-07	0.009902734	0.046084	-0.00722	0.014114
0.00113	3.63E-05	0.036853208	0.037112	0.005241	0.033618
0.000154	4.87E-06	0.016723589	-0.00674	0.013554	-0.0124
0.000144	2.42E-05	0.00407732	0.028562	-0.01382	-0.01202
0.000332	0.000206	0.002927932	0.046741	0.007171	-0.01821
5.47E-06	2.03E-05	-0.02531698	-0.01338	-0.00054	-0.00234
4.81E-05	2.86E-08	0.026046643	-0.01813	8.76E-05	0.006933
2.01E-07	4.78E-05	-0.0323662	-0.02043	0.014467	-0.00045
1.68E-05	8.27E-07	0.006799844	0.005123	-0.01035	0.004097
4.35E-08	2.43E-06	0.006269226	-0.00467	0.019112	-0.00021
0.00018	6.7E-05	-0.00612846	-0.0086	-0.00296	-0.01343
8.3E-05	0.000172	-0.03826377	0.008657	-0.03945	-0.00911
5.37E-06	0.000176	0.078610789	-0.00023	-0.01152	-0.00232
6.08E-05	6.04E-05	0.03306504	0.009869	-0.0016	0.007797
5.82E-05	6.91E-05	-0.02056335	-0.00559	0.017303	0.007626
1.41E-05	0.000811	0.11903417	0.002679	0.001015	-0.00376
1.59E-05	0.000781	0.040996416	-0.00779	-0.03833	-0.00399
3.01E-05	3.86E-05	-0.03946573	0.009869	-0.03247	0.005483
5.47E-07	0.000142	0.008560137	-0.00448	0.03681	0.00074
0.000428	7.98E-05	-0.01245878	-0.00821	-0.01515	-0.02069
3.73E-05	7.59E-05	0.021974933	0.015534	-0.00464	0.006111
5.86E-05	5.98E-09	0.070613117	0.004975	0.023253	-0.00766
4.63E-08	5.2E-06	-0.00365431	-0.00519	-0.00173	-0.00022
0.000123	2.7E-06	0.01724363	-0.03313	0.017515	0.011082
0.000968	7.91E-05	0.021277324	0.008559	0.031003	0.031106
0.001703	1.85E-05	-0.01607774	-0.0173	0.011744	0.041272
0.000186	1.61E-05	0.013848411	-0.01113	0.004584	0.013655
0.00107	7.39E-05	0.000613117	0.005787	0.005418	-0.03271
3.07E-05	5.98E-09	0.018577189	0.000628	0.013176	0.005543
0.00289	8.26E-06	0.012734329	0.001492	0.031128	0.053763
2.01E-07	1.19E-07	-0.0201584	-0.00666	0.00622	-0.00045
0.000706	3.25E-05	-0.00748107	0.014324	0.002665	0.026579
0.000285	4.29E-05	-0.04503295	-0.00821	0.000283	0.016874
0.000174	9.64E-07	-0.0227065	0.000847	0.024904	-0.01321
6.84E-06	5.56E-05	-0.00755015	-0.0073	-0.00371	-0.00261
0.000951	2.38E-05	-0.0047996	-0.00704	0.045227	0.030837
0.000784	2.7E-07	0.049584018	0.017965	0.021318	0.027992
0.000205	1.33E-07	-0.0140722	-0.00304	-0.00467	-0.01433

3.47E-06	6.47E-08	0.018406711	-0.0026	-0.04136	-0.00186
0.000169	1.18E-07	0.004184546	0.006931	0.021512	-0.01302
5.05E-05	2.04E-05	0.010714127	-0.01583	0.007072	-0.00711
0.000131	0.000221	0.012291949	-0.0047	-0.01938	-0.01142
0.000105	9.16E-05	0.012429956	-0.02714	0.001386	-0.01023
0.000178	5.02E-06	-0.00379865	0.006226	0.045321	0.013326
0.000369	5.98E-09	0.008767305	0.010294	0.041765	0.019215
4.39E-05	4.78E-05	0.025689105	0.010406	-0.01542	0.006624
7.32E-06	1.24E-10	0.019188968	-0.03016	-0.01407	-0.00271
2.73E-05	0.000427	-0.00400938	-0.02342	0.01832	-0.00522
4.77E-05	0.000477	0.017854496	-0.00023	0.033113	0.006909
0.00161	0.000433	-0.03272022	-0.01218	-0.03174	-0.04012
2.8E-05	0.000342	-0.01431226	0.036101	-0.02253	0.005291
0.000201	5.19E-05	-0.01409277	0.011041	-0.00211	-0.01419
0.000466	1.35E-07	0.010264193	0.018917	-0.02345	0.021591
0.000985	2.89E-06	0.00884665	0.01052	-0.00096	0.031388
0.000306	2.06E-05	0.000613117	0.008663	0.040202	-0.01749
2.39E-05	7.78E-05	0.006637213	-0.02168	-0.00594	0.004889
3.01E-05	8.15E-05	0.012037336	-0.00656	-0.07935	0.005486
0.000185	0.000186	0.032845821	-0.07967	-0.04031	0.013592
8.05E-05	1.73E-10	-0.02542057	-0.01194	-0.04279	-0.00897
1.64E-07	0.000152	-0.00999294	0.000152	0.000257	0.000405
0.001101	7.21E-06	0.003652631	0.04116	0.008725	-0.03318
1.83E-05	7.51E-05	0.068794935	-0.02916	-0.00315	-0.00428
2.56E-05	0.000596	0.000613117	-0.01741	0.011595	0.005062
5.31E-05	3.75E-05	-0.03988533	-0.02262	0.002902	-0.00729
0.000276	7.74E-06	-0.04117793	-0.00764	-0.00514	-0.0166
5.42E-06	1.87E-05	0.002107885	-0.01555	-0.00739	-0.00233
9.78E-06	5.21E-05	0.037822419	-0.01919	-0.01355	-0.00313
4.21E-06	9.65E-07	-0.04383133	-0.00522	0.007703	-0.00205
7.69E-06	1.38E-05	0.000613117	-0.00165	-0.03626	0.002773
2.01E-07	2.85E-05	-0.01685413	-0.00201	-0.01574	-0.00045
1.29E-05	6.85E-05	0.003532825	0.013437	0.017116	0.003594
0.000148	3.03E-06	0.016180204	0.010493	-0.00334	-0.01217
0.000765	6.18E-05	0.002841943	-0.00349	-0.03044	-0.02765
9.19E-06	0.000209	-0.04680373	-0.0147	0.004325	-0.00303
1.19E-05	0.00026	-0.07946501	0.003352	-0.00791	0.003443
3.04E-06	6.05E-05	0.025980273	0.000665	0.025568	-0.00174
7.57E-05	1.28E-05	0.046702502	0.011748	0.009442	0.008703
3.07E-06	0.000287	0.003414237	0.007819	-0.0213	-0.00175
0.000495	0.000128	0.069475392	-0.01908	-0.02262	0.022249
3.17E-06	8.47E-08	0.086791979	-0.00541	0.01801	-0.00178
4.18E-06	0.000165	0.040342618	0.004974	-0.01416	-0.00205
5.36E-05	2.07E-05	0.011724228	-0.00202	-0.00277	-0.00732
7.96E-06	0.00042	0.009233807	-0.0077	0.010347	-0.00282
1.29E-06	6.39E-05	-0.01633604	0.000124	0.018078	0.001137
4.91E-05	1.31E-06	0.001461293	-0.00537	0.015713	-0.00701
0.000976	7.7E-07	0.031207523	-0.00218	0.017264	0.031234
0.000286	6.57E-07	0.067777296	0.006527	0.007787	0.016908
0.000375	2.95E-05	0.018656802	-0.01392	0.000735	-0.01937

0.000999	5.98E-09	-0.011582	0.001525	0.006069	-0.03161
2.91E-05	5.26E-07	-0.01326292	-0.00023	0.005619	-0.0054
1.27E-05	0.00016	-0.02287378	0.001528	0.017624	-0.00356
3.71E-05	0.000246	-0.18541629	0.007754	0.006428	0.006088
0.000449	0.000581	-0.11397022	-0.00623	-0.02283	0.021187
3.6E-05	8.37E-05	-0.00327793	0.014263	-0.01085	0.006004
9.75E-05	4.47E-05	-0.10599175	0.015768	0.005111	0.009873
6.84E-06	8.26E-05	0.072662806	-0.01315	-0.01047	-0.00262
9.93E-06	8.33E-07	0.032664399	-0.00736	-0.00246	-0.00315
0.000176	9.29E-05	0.024235164	0.005142	-0.01595	0.013251
0.000274	0.000708	-0.00330845	-0.01488	0.03224	0.016549
0.000123	0.000116	-0.02980513	0.002955	0.025755	0.011108
0.001856	0.000343	0.052613117	0.002787	0.008679	0.043082
0.001137	7.11E-07	-0.02599298	-0.00729	-0.02943	-0.03371
0.000432	0.005143	-0.02530344	-0.00023	-0.00283	-0.02078
5.5E-06	1.83E-05	-0.02284367	-0.02934	0.009466	0.002345
0.003404	1.69E-05	-0.0629707	-0.0104	-0.01782	-0.05834
2.25E-06	6.15E-06	-0.04988085	0.017009	-0.03361	-0.0015
9.3E-05	3.7E-05	0.052576165	-0.00963	0.030319	0.009642
1.46E-05	1.12E-05	0.104500944	0.009599	0.062657	0.003819
0.000107	1.62E-05	-0.01259443	0.021802	0.03078	0.010334
0.000476	0.000151	0.059201666	0.002065	-0.00181	-0.02181
0.000559	1.88E-05	-0.02406221	-0.00375	-0.01581	-0.02364
0.000194	1.73E-05	-0.01849516	-0.02092	-0.00316	-0.01392
3.25E-07	0.000599	-0.05813988	-0.02952	0.008832	0.00057
0.000541	0.000379	0.005432394	0.015061	0.015702	0.023256
0.000423	3.42E-06	-0.04645921	0.023246	-0.00375	0.020563
3.6E-05	5.21E-05	-0.00509465	0.015669	-0.00706	-0.006
2.97E-05	4.62E-06	-0.02713383	-0.00655	0.003112	-0.00545
2.01E-07	2.5E-05	-0.02427866	-0.01048	-0.03713	-0.00045
4.88E-05	6.77E-06	-0.02624312	0.004832	-0.01392	-0.00698
9.05E-05	1.41E-05	-0.01646763	0.014117	0.006495	-0.00952
9.19E-06	9.55E-05	0.017455222	0.000654	0.013401	-0.00303
6.63E-05	6.2E-06	-0.02452798	-0.02107	-0.01151	-0.00814
0.000172	8.01E-07	0.026402591	-0.00023	-0.02695	-0.01311
0.000632	3.69E-05	-0.00462249	-0.04342	-0.02345	-0.02514
2.87E-05	0.000107	-0.03376504	0.001765	0.019032	-0.00536
0.000261	5.98E-09	0.026546727	-0.00832	-0.02303	-0.01617
3.29E-05	7.25E-06	-0.01571341	-0.02172	-0.02054	-0.00574
3.71E-05	6.41E-06	0.005741322	-0.00345	-0.01379	0.00609
5.84E-07	5.98E-09	0.005767756	0.004297	0.016701	0.000764
0.000112	0.000164	-0.02841591	0.009899	-0.01414	0.010582
0.000891	2E-05	-0.00535703	0.006347	-0.0156	0.029855
0.000165	5.43E-05	0.015764632	0.00806	0.03068	0.012858
0.00025	5.26E-05	-0.02879865	0.010495	0.003552	-0.01582
6.32E-05	0.000244	-0.00329313	0.007538	-0.00023	-0.00795
0.000302	0.000365	0.078507854	-0.00861	0.060759	0.017368
8.25E-06	5.21E-05	-0.0863643	-0.01671	0.01418	0.002872
0.001125	5.98E-09	-0.04567469	-0.01083	-0.0346	-0.03353
3.04E-05	3.23E-06	-0.03560596	0.013817	0.031867	0.005513

4.06E-05	2.01E-05	0.016315226	0.009784	0.00915	-0.00637
8.13E-05	4.64E-06	-0.01397574	-0.0108	-0.02597	-0.00902
2E-05	0.000122	0.00594645	-0.0094	0.020631	0.004472
2.6E-05	5.48E-05	0.000613117	-0.00867	0.007807	-0.0051
0.000239	7.17E-05	-0.00557063	-0.00459	-0.01004	0.015473
0.000394	8.34E-05	0.00149729	-0.00999	-0.00259	0.019857
5.99E-05	0.000509	0.028794935	-0.01427	-0.02701	0.007741
0.000214	0.000158	0.031540952	-0.00666	0.004727	0.014617
5.01E-07	0.000934	0.002491051	0.004492	0.034815	-0.00071
0.000262	8.39E-05	0.031590852	0.010914	-0.00431	0.016184
3.74E-06	4.59E-05	0.007435729	0.016113	0.030299	0.001934
3.57E-05	9.21E-06	0.016454701	-0.01427	-0.01407	-0.00597
2.35E-05	3.28E-05	-0.03931084	0.018792	-0.03335	0.004843
2.01E-07	3.57E-05	-0.02531281	0.00467	-0.02023	-0.00045
9.53E-06	4.96E-05	-0.02377713	-0.00316	-0.0355	-0.00309
6.06E-05	3.85E-05	0.006519523	0.002545	-0.01687	-0.00778
4.74E-06	0.000231	-0.03825151	-0.00495	0.018629	0.002178
6.83E-05	7.57E-06	-0.00546327	-0.00023	-0.00244	-0.00826
0.000595	1.68E-05	0.052667911	0.00303	0.00758	0.024385
0.001596	0.00013	-0.00438461	-0.00672	-0.00923	-0.03995
6.97E-06	0.000309	0.010246144	-0.00827	0.030702	0.002639
0.000173	1.29E-05	0.009872376	-0.03289	-0.00234	-0.01315
1.4E-05	5.98E-09	0.000613117	-0.00795	0.003032	-0.00374
3.21E-05	8.72E-05	-0.00856119	0.001159	-0.01768	0.005665
0.000196	5E-05	-0.02530288	-0.00912	-0.03276	-0.01402
4.29E-06	6.38E-06	0.010540915	0.001609	-0.00547	0.002071
7.13E-05	1.31E-05	-0.04667837	0.004702	-0.00483	0.008447
4.24E-05	6.07E-05	0.067585594	0.006755	-0.01963	-0.00651
9.08E-07	1.31E-05	-0.02834011	-0.00163	-0.00947	-0.00095
9.9E-05	1.43E-05	0.037085878	-0.0158	0.00577	-0.00995
1.27E-05	0.000565	-0.01484143	-0.00991	0.003233	0.003569
0.000147	0.001887	-0.0726809	-0.01805	-0.01417	-0.01211
2.06E-05	0.000457	-0.00064898	0.014839	0.024085	0.00454
2.08E-05	5.13E-05	-0.00357624	0.007361	0.026931	0.004565
0.000233	4.97E-05	-0.0122074	-0.03185	0.013218	-0.01526
0.000185	3.53E-05	-0.0039155	0.007175	-0.00307	-0.01361
4.55E-05	1.22E-06	0.013963138	-0.00788	0.002937	-0.00674
0.000869	6.76E-06	0.090654045	6.19E-05	0.040959	0.029477
3.2E-05	5.98E-09	0.000158572	0.014542	-0.00351	-0.00566
0.000341	0.000204	-0.0075023	-0.00823	0.030928	-0.01847
0.000358	6.26E-05	0.010631332	0.010995	-0.02241	0.018921
0.000149	3.6E-05	0.003810924	0.011123	-0.02177	-0.01223
0.000182	4.44E-05	0.000156496	0.003567	0.010084	0.013486
0.000326	0.000155	0.024934913	0.019923	0.044396	0.018052
3.83E-05	4.68E-05	0.019678894	-0.00178	0.003204	0.006185
7.5E-06	3.18E-05	0.02904449	-0.00023	0.007727	-0.00274
0.000176	5.71E-05	0.011515	-0.00023	0.006387	-0.01326
5.9E-05	0.00033	-0.01499664	0.01629	0.01857	-0.00768
0.000249	1.38E-05	0.06832145	0.020651	0.010709	0.015775
0.000238	5.98E-09	0.067279784	-0.00423	-0.0121	-0.01543

0.000224	2.15E-05	-0.00983218	-0.01209	-0.0004	-0.01497
0.000946	8.59E-05	0.013419353	-0.01885	0.007987	0.030763
0.000233	9.05E-05	-0.02170588	-0.01174	0.005159	0.015274
0.000331	4.2E-05	0.017778123	-0.00023	-0.02028	0.018192
0.000271	7.43E-06	0.00394645	0.010621	-0.00303	-0.01646
3.98E-06	2.19E-06	-0.03164495	-0.0185	0.022194	-0.002
6.2E-05	1.75E-06	0.018118587	-0.00779	0.044955	0.007875
0.000383	0.000334	-0.04031028	-0.02369	-0.0341	-0.01958
0.000314	0.000109	0.003876618	0.001097	0.025981	0.017734
0.000183	0.000757	0.023110426	0.022735	0.008208	-0.01352
0.000238	5.15E-05	-0.00046215	0.028846	0.017903	0.015438
7.66E-05	0.000264	-0.00409579	-0.02805	0.000728	0.008751
0.000118	2.89E-10	-0.00745482	-0.02514	-0.00498	-0.01085
0.000444	7.49E-07	-0.02119374	0.004805	-0.00194	-0.02108
2.15E-06	1.35E-05	0.034096697	-0.0177	0.013042	-0.00147
0.000804	2.11E-05	-0.00811029	-0.00774	0.002666	0.028348
7.74E-05	4.31E-05	-0.03528432	-0.01138	-0.00119	0.008799
0.000585	1.64E-05	-0.00448892	0.004072	0.011863	0.024187
0.000183	4.98E-05	-0.05617225	-0.01978	-0.01084	-0.01354
0.000133	0.000748	0.011313506	0.002448	0.011485	-0.01154
5.07E-07	0.000713	-0.04470635	-0.00862	-0.00547	-0.00071
0.000375	0.000762	0.011692929	-0.01102	-0.00023	-0.01936
0.001108	8.72E-05	0.007229374	-0.00189	0.012555	-0.03328
0.000132	5.29E-05	0.037868019	-0.00695	0.012519	0.011472
0.000181	0.001315	-0.01101479	0.016507	0.015553	-0.01346
2.88E-06	2.36E-05	-0.02025975	-0.00163	0.016851	-0.0017
0.000149	6.07E-05	-0.03682981	0.005794	0.002869	0.01221
0.00011	0.000151	-0.14391813	0.006256	0.02517	-0.01047
6.51E-07	5.98E-09	-0.0021138	-0.00023	0.047677	0.000807
1.76E-05	2.17E-05	0.000613117	-0.0107	-0.01787	-0.0042
0.000946	0.000158	-0.0005542	-0.00922	-0.00887	-0.03075
1.03E-05	6.11E-05	-0.01092534	-0.0012	0.001937	0.003202
3.96E-06	3.07E-06	0.024235164	0.00407	0.001942	0.001991
0.0002	0.000159	-0.02620681	-0.01297	-0.03011	-0.01416
5.99E-06	2.92E-05	0.000613117	-0.0031	0.006339	0.002447
4.68E-05	2E-05	-0.03056728	0.013478	-0.02582	0.006843
0.00022	0.000179	0.033588577	-0.00299	0.011255	-0.01482
2.7E-06	1.92E-05	0.005622751	-0.00777	0.014603	-0.00164
6.39E-05	9.43E-07	-0.00130996	0.011696	0.010479	0.007996
2.89E-05	6.96E-05	-0.00921246	-0.00712	0.008412	0.005376
7.45E-05	3.19E-05	-0.01150125	-0.00023	0.008487	-0.00863
0.000209	6.55E-06	0.015116934	0.005308	0.021135	-0.01445
9.72E-05	1.78E-05	-0.02177494	-0.00437	0.000664	0.009861
3.39E-05	2.88E-05	0.000613117	-0.00681	-0.00023	0.005825
3.16E-05	2.67E-07	-0.00679429	-0.00228	-0.02095	0.00562
0.001188	3.46E-08	0.015650711	0.011948	0.02321	0.034468
2.01E-07	4.4E-05	-0.00126306	-0.00779	0.021438	-0.00045
6.63E-06	1.08E-06	0.002492816	-0.00434	0.012943	0.002576
0.000282	7.45E-07	0.02369004	-0.00282	-0.02325	-0.0168
0.001114	0.000101	0.000613117	0.003878	0.015129	0.033372

0.000222	0.000152	0.025364812	0.014222	0.019165	0.014901
0.000219	7.7E-05	-0.10221574	-0.02793	-0.04252	-0.01481
6.12E-05	1.19E-05	-0.00710618	0.001121	0.010859	0.007825
2.64E-06	0.000175	-0.02000544	-0.00023	-0.00473	0.001625
3.69E-05	0.000189	0.008230845	0.010021	0.001804	0.006071
4.44E-05	0.000168	-0.01707396	-0.00228	-0.04217	-0.00667
4E-06	1.98E-05	0.035751488	0.003877	0.000205	-0.002
0.000109	0.000157	0.029671088	-0.00296	-0.00859	-0.01044
0.000112	0.000273	-0.03096583	-0.00458	-0.0146	-0.01059
0.000627	8.98E-07	0.096766963	-0.0106	0.083889	0.025033
0.00019	2.62E-05	0.008365055	0.000981	-0.02634	-0.01379
8.35E-05	2.04E-05	0.012457183	-0.00292	0.029185	0.009135
8.59E-06	0.000329	0.004550435	-0.00558	-0.00046	0.002931
0.00019	4.57E-05	0.060629811	0.002449	0.003925	-0.01378
0.000398	5.03E-05	0.049649895	-0.01084	0.058898	0.01996
3.46E-08	5.98E-09	0.011232586	0.009139	0.035975	-0.00019
0.000108	2.89E-05	0.036360138	-0.02184	0.00282	0.010399
4.93E-05	5.98E-09	-0.00783912	-0.01494	-0.002	-0.00702
6.84E-05	3.2E-05	-0.00812562	-0.00165	-0.00326	-0.00827
0.000494	0.000167	0.016724432	0.024867	0.019618	0.022219
0.000107	2.76E-05	-0.00854788	-0.00483	-0.01295	0.010334
0.000522	0.000104	0.00379783	0.009058	-0.01005	-0.02285
0.000489	0.000117	-0.01089975	-0.01783	-0.01585	-0.0221
1.01E-05	1.17E-05	0.020613117	0.00501	0.026772	0.003174
3.68E-05	6.34E-07	-0.00667286	0.002396	-0.027	0.006063
0.000151	2.18E-06	-0.00120506	0.005716	-0.00344	-0.01229
7.93E-05	1.55E-05	-0.01724403	0.005484	-0.01001	0.008903
0.000431	6.95E-06	0.000523839	0.009432	0.026657	0.020772
9.3E-05	4.01E-05	-0.01684302	0.003811	-0.03186	-0.00965
2.24E-06	2.78E-05	0.041613939	0.001117	0.025734	-0.0015
0.000187	6E-05	0.005476395	0.00139	0.035718	-0.01366
0.000713	0.000383	0.000429631	-0.0005	-0.001	0.026694
0.00043	0.000117	0.024952935	0.019052	0.017926	0.020748
3.43E-05	6.14E-05	-0.00860476	-0.01649	-0.00311	-0.00585
2.01E-07	5.98E-09	0.018622596	0.018401	0.001612	-0.00045
6.79E-06	2.06E-05	0.023296328	0.011498	0.011741	-0.00261
1.35E-05	7.7E-05	0.013773596	-9.3E-05	-0.01309	-0.00367
0.000266	1.87E-05	-0.00602103	0.017536	0.006912	-0.01632
0.000744	0.000262	0.014460793	-0.00589	0.038784	0.027285
0.00065	8.53E-05	-0.01352633	0.013378	0.012572	0.025494
5.52E-06	5.1E-05	-0.06217248	0.004084	-0.00878	0.002349
0.00044	0.000434	0.042708355	0.002654	-0.01356	0.020981
0.000797	2.58E-06	0.007324526	-0.01235	-0.04395	-0.02823
0.000398	6.65E-05	0.029720172	0.004207	0.021581	0.01996
0.000135	3.26E-06	0.013910457	-0.0149	0.017364	0.0116
0.001033	7.66E-05	-0.03301007	-0.00051	0.02417	0.032135
4.79E-05	5.02E-07	-0.00323674	0.002455	0.006471	-0.00692
2.94E-05	9.15E-05	-0.00034842	0.012515	-0.00357	-0.00543
0.000757	5.98E-09	0.010321855	-0.01128	-0.06354	-0.02751
0.000202	0.000677	-0.00900227	-0.01968	-0.01105	-0.01422



0.000879	4.21E-05	0.02022096	-0.01122	0.025414	0.029653
0.000127	7.64E-05	-0.00134383	-0.01177	-0.02068	0.011265
0.000315	6.52E-05	-0.03341335	0.004406	0.020116	0.017739
0.000619	4.21E-05	-0.01299867	-0.00064	0.002687	-0.02488
0.000635	4.85E-05	-0.00522616	0.014854	0.010215	0.025209
0.000305	0.000121	-0.00866145	-0.00092	-0.02529	-0.01746
0.000446	0.00138	0.010817199	0.013793	0.009259	-0.02113
0.0005	0.000269	0.008089752	0.011115	0.003741	-0.02236
0.000389	0.001524	-0.02533135	0.01826	-0.05523	-0.01973
0.000168	0.000349	0.090394863	0.011017	0.007583	0.012953
1.23E-08	0.000176	-0.00136708	-0.01803	0.010725	0.000111
0.000502	4.02E-05	-0.05360544	-0.00023	0.030219	0.022409
2.62E-08	0.000658	0.048292897	5.49E-05	0.069096	-0.00016
3.12E-05	0.000335	0.017878586	-0.05363	0.014006	0.00559
3.86E-05	8.74E-06	-0.00336303	-0.00497	0.002341	0.006209
0.000473	1.95E-05	0.001608142	0.010014	-0.00364	0.021742
0.001112	5.04E-05	-0.02356399	0.002508	-0.05456	-0.03335
3.52E-06	5.98E-09	-0.0175947	-0.00432	-0.00584	-0.00188
2.01E-07	7.76E-05	-0.01441036	0.003877	0.014151	-0.00045
3.42E-05	1.81E-05	-0.07329993	-0.01428	4.41E-05	-0.00585
0.000116	5.98E-09	-0.01056487	0.015406	0.025664	0.010759
4.61E-05	1.97E-05	0.038079665	0.008067	-0.02441	0.006788
2.28E-05	0.000185	-0.02034758	-0.00299	0.031154	-0.00477
0.000536	1.23E-05	-0.0207544	-0.00435	0.003146	0.023151
0.000806	2.69E-05	0.03692844	-0.0016	0.001745	0.028384
0.000336	0.000175	0.04695232	-0.00974	-0.02388	-0.01833
3.75E-06	2.11E-05	-0.04620667	-0.01231	-0.00461	-0.00194
6.44E-06	0.000303	-0.02183939	-0.01086	-0.01293	0.002537
0.001568	0.001665	-0.02611406	-0.00023	0.010705	0.039602
0.000563	2.83E-05	0.00466375	0.015962	-0.00863	0.023718
0.00011	0.000374	-0.00065111	0.010682	0.010732	0.010481
1.35E-06	0.001566	0.004420224	0.002504	0.025054	0.001162
2.21E-06	0.000262	-0.01545281	-0.00567	-0.02086	0.001488
0.000298	0.000249	-0.03448728	-0.0043	-0.01753	-0.01726
0.000116	0.000817	0.004645375	0.018401	-0.02166	0.010777
7.99E-05	1.55E-05	0.008743198	0.015185	0.027505	0.00894
0.000539	0.000409	0.000613117	-0.01609	0.008826	-0.02323
0.000123	1.17E-05	-0.06402567	-0.00161	-0.01242	-0.01109
0.000251	0.000165	0.019992962	0.006703	-0.00696	-0.01586
9.23E-05	4.93E-05	-0.05085747	-0.003	-0.00318	-0.00961
6.01E-07	6.35E-06	0.054468212	-0.00436	0.017806	0.000775
2.79E-06	2.86E-05	-0.01614879	0.022303	0.008037	-0.00167
4.25E-05	0.000157	-0.0307522	0.00686	0.005034	-0.00652
3.85E-06	0.000229	-0.02491727	0.000478	-0.04494	-0.00196
2.01E-07	0.000661	-0.0061726	-0.00588	0.018366	-0.00045
0.000438	0.000248	-0.02105006	-0.00234	-0.04624	-0.02093
5.54E-07	6.47E-06	-0.04589541	-0.01137	-0.04469	-0.00074
0.000101	1.9E-05	-0.01815119	0.004104	-0.01284	0.010047
0.000909	1.09E-05	-0.00620506	0.006669	0.027952	0.030146
0.000873	2.42E-05	-0.01849516	-0.01426	-0.04547	-0.02955

7.2E-05	1.13E-05	-0.0242316	-0.00699	0.000488	-0.00848
4.97E-05	0.001098	-0.0164809	-0.01904	-0.00732	0.007048
0.00064	0.000301	0.055753545	-0.01503	-0.00141	-0.0253
0.00018	2.6E-05	0.050951412	-0.01313	-0.01144	-0.01343
9.95E-07	1.02E-05	0.012526029	0.002142	0.004468	0.000997
2.01E-07	5.58E-07	0.047638207	-0.00273	0.006151	-0.00045
0.000101	3.74E-06	0.040881573	-0.00677	-0.02846	0.010066
0.000468	6.24E-05	0.022716776	-0.00943	0.049411	0.021642
0.000102	5.32E-05	0.023216391	0.01703	0.028019	0.01011
0.00097	1.84E-05	-0.031085	-0.01847	-0.00368	-0.03115
6.17E-06	1.84E-10	-0.00322118	0.010225	0.027431	0.002485
2.01E-07	8.56E-05	-0.0199318	-0.00479	-0.01226	-0.00045
2.01E-07	0.003392	0.010278544	-0.00605	0.019977	-0.00045
0.001836	9.53E-05	-0.02049314	0.025647	0.018002	-0.04285
9.81E-05	7.02E-06	0.025986251	-0.02483	-0.02313	-0.00991
3.58E-05	1.12E-05	-0.00236307	-0.02102	-0.02286	-0.00598
4.35E-07	1.55E-05	-0.00235424	0.006018	0.001267	0.00066
0.00017	7.06E-06	0.0028436	-0.00468	0.05082	0.013024
8.44E-05	4.01E-05	-0.01041629	0.009383	0.001609	0.009187
0.000142	1.75E-05	-0.04867035	-0.0066	-0.02429	-0.01193
2.81E-08	6.08E-05	0.003065815	-0.01256	-0.02954	-0.00017
0.000288	1.12E-05	-0.02532545	-0.00648	-0.04869	-0.01698
0.000205	6.83E-05	0.052300123	-0.00422	-0.00023	-0.01431
3.75E-05	2.58E-07	0.031396009	0.005403	-0.00959	-0.00612
4.75E-05	8.84E-07	0.028293725	-0.00148	0.014025	-0.00689
9.77E-06	1.25E-07	-0.02459074	-0.00335	-0.05117	-0.00313
7.08E-05	5.98E-09	0.007254412	-0.00023	-0.01159	-0.00842
1.32E-06	1.58E-05	-0.00080268	-0.0011	-0.00422	0.001148
0.000215	1.45E-05	0.017279784	-0.00802	-0.00794	0.014675
1.35E-05	5.98E-09	-0.04286514	0.001129	-0.00636	-0.00368
8.21E-05	2.95E-06	0.004249481	-0.00023	-0.00176	0.009063
0.000103	3.97E-06	0.000613117	0.003246	-0.00588	-0.01014
3.37E-05	5.98E-09	-0.00301007	-0.00628	-0.00863	-0.0058
2.71E-05	5.98E-09	0.007912387	0.011004	0.012873	0.005205
0.000267	3.67E-05	0.007225902	0.001018	0.007474	-0.01634
0.00015	2.46E-06	-0.04362846	-0.01864	0.010222	-0.01223
1.28E-05	0.000142	0.002019587	0.014712	-0.00509	-0.00358
0.000163	6.14E-05	0.021431495	0.007296	0.013453	0.012773
8.9E-05	0.00013	0.018144162	-0.0125	-0.0413	0.009432
7.05E-05	4.69E-05	0.01094522	0.006505	0.005831	-0.00839
0.000291	2.59E-05	0.027128268	-0.01316	0.017162	0.017072
0.000221	0.000369	0.027850471	-0.00513	0.011126	0.014878
3.8E-05	5.23E-06	-0.04221742	0.013432	-0.04954	0.006164
0.000594	6.92E-06	-0.04045831	0.001012	-0.02379	-0.02438
3.66E-05	7.36E-05	-0.00647908	-0.00617	0.001636	0.006047
8.31E-05	0.000168	0.000613117	0.001998	0.013627	0.009115
0.000203	0.000236	0.018663658	0.00978	0.060561	0.014246
8.35E-06	4.37E-05	0.007519696	-0.03642	-0.01557	0.00289
0.000164	2.76E-05	-0.01828845	0.015077	-0.00438	-0.01281
0.000146	7.17E-05	0.02322435	0.001608	0.019817	0.01207

0.000241	5.98E-09	-0.10622727	-0.02849	-0.04083	-0.01552
9.05E-05	2.65E-08	-0.07580084	0.001799	-0.01496	0.009513
4.2E-06	6.27E-05	0.014027751	-0.00023	-0.00671	0.002049
6.31E-05	3.21E-05	-0.00689112	-0.0038	0.024419	0.007944
2.14E-05	0.000183	0.01404458	0.026035	-0.00108	-0.00463
0.000581	0.000142	-0.01419051	-0.00449	-0.00809	-0.02411
1.6E-06	1.06E-05	0.003521855	0.002207	0.022367	-0.00126
7.28E-05	6.55E-05	-0.03152765	0.000989	-0.03117	-0.00853
0.000806	4.64E-07	0.071593016	0.017159	0.019524	0.028393
0.000872	5.94E-05	-0.03272224	-0.01262	-0.069	-0.02953
9.82E-06	6.04E-07	-0.00126567	-0.00742	0.026877	-0.00313
9.19E-05	4.55E-06	0.058305425	0.017116	0.047085	0.009587
0.002049	3.9E-06	0.000613117	0.001008	0.012845	-0.04527
0.000429	2.65E-08	-0.01204511	0.003504	-0.01946	0.020716
1.66E-05	5.98E-09	0.105508222	0.014938	0.01276	0.00407
9.11E-06	6.61E-11	0.046699437	0.003575	0.046917	0.003019
0.000178	5.98E-09	0.002078318	0.00744	0.039848	0.01334
0.003182	5.98E-09	0.007993191	0.023328	0.023174	0.056409
0.002833	1.66E-06	-0.00233022	-0.00414	-0.03896	-0.05322
2.02E-05	2.09E-06	0.005790632	0.004747	-0.02334	-0.00449
0.001738	4.22E-06	0.010321855	0.016013	0.085895	0.041687
5.61E-06	4.2E-06	-0.00973426	-0.01077	-0.00756	0.002369
8.67E-06	6.96E-06	-0.04320314	-0.01195	-0.03693	0.002944
0.000108	3.61E-07	0.072582814	-0.00952	0.120849	0.010409
0.000929	0.000304	0.032669411	0.019768	0.030216	0.03048
0.00049	1.66E-05	0.067335386	0.001217	0.056957	0.022143
5.1E-05	0.000625	-0.00929605	0.012985	0.008468	0.007139
2.01E-07	0.000407	-0.02591421	-0.01471	0.022904	-0.00045
0.000452	3.95E-05	-0.00418688	0.00639	0.015435	0.021258
6.63E-05	7.65E-06	-0.01513491	-0.03092	0.023832	-0.00814
0.000386	6.75E-05	-0.00174352	0.001053	0.025722	0.01964
0.000347	8.62E-05	-0.01057222	-0.02542	-0.01458	-0.01863
0.000883	0.000106	0.012720035	0.006073	0.024381	0.029711
0.000848	3.96E-06	-0.03362878	0.030173	-0.0634	-0.02912
0.000545	5.98E-09	-0.00158385	-0.01166	0.021492	-0.02335
0.000386	2.22E-06	-0.01870338	-0.03315	-0.076	-0.01966
0.000234	0.000745	-0.02402456	0.004887	-0.03515	-0.01529
0.000205	1.59E-07	0.03323808	0.012284	0.020664	0.014323
0.000258	9.56E-05	0.045083613	0.006129	0.034355	0.016069
3.85E-05	3.96E-06	0.009762103	-0.0053	0.002663	0.006203
5.14E-05	2.08E-05	-0.00884001	0.012588	-0.00311	0.007167
0.000128	0.00042	-0.03625671	-0.00406	-0.00367	-0.01129
0.000259	0.000943	0.025838759	0.017973	0.002942	0.016091
0.000258	7.39E-05	-0.00605355	-0.00925	0.029743	0.016053
4.16E-05	0.000618	0.012241024	-0.00152	0.020057	0.006449
0.00015	0.000605	0.0268661	-0.01055	0.045688	0.012251
1.88E-05	7.5E-07	-0.04057681	0.042397	0.039272	0.004337
0.000118	1.76E-05	-0.00620506	0.009151	-0.04698	0.010843
7.14E-05	0.002018	-0.06188688	-0.01084	0.051588	-0.00845
1.32E-05	5.43E-05	-0.02841936	0.005101	0.031789	-0.00364

4.61E-05	1.15E-05	-0.03265355	-0.00289	-0.0476	-0.00679
9.31E-06	5.98E-09	0.017976112	0.009164	-0.00859	0.003051
0.000578	0.000172	0.003538088	-0.00822	-0.04685	-0.02405
0.000235	1.02E-05	-0.02264115	0.008363	-0.0531	0.015325
6.34E-05	2.53E-08	0.004013117	0.014209	-0.01624	-0.00796
0.001475	0.000154	-0.02218819	-0.01632	0.025278	-0.0384
0.000386	1.86E-05	-0.00263364	-0.01749	-0.02202	-0.01965
0.000996	0.000477	-0.01786999	0.011901	0.04316	0.031564
0.002098	0.000205	-2.3826E-05	0.010549	0.029665	0.045804
2.5E-05	0.000324	-0.0119655	-0.00091	-0.01986	0.005004
0.002802	3.13E-05	0.060613117	0.04998	0.077247	0.052931
0.001628	6.33E-05	-0.01835353	-0.02236	-0.02032	-0.04034
0.000108	1.69E-05	0.040042077	0.006732	0.089071	0.010372
0.000454	2.87E-06	-0.0252147	-0.016	0.009952	-0.02131
0.000252	4.33E-05	0.046826655	0.007921	0.003295	0.015865
0.000526	0.000334	-0.02975302	-0.01507	-0.01787	0.022924
4.56E-05	1.67E-07	-0.00844087	-0.00295	-0.05886	-0.00675
0.00015	0.002507	-0.11057031	-0.01442	-0.07858	-0.01225
0.00011	2.7E-08	-0.09078473	-0.01526	-0.04442	-0.01051
2.26E-06	3.32E-05	-0.02043951	-0.00194	-0.03485	0.001503
0.000748	5.33E-05	-0.01442058	0.00201	-0.0452	-0.02735
0.000192	6.18E-05	0.013743369	-0.00808	0.010198	-0.01387
3.04E-06	7.82E-06	0.029802306	0.015858	0.010854	0.001742
0.000281	1.84E-05	-0.019514	0.017359	-0.00827	-0.01676
0.00085	1.82E-05	-0.01605355	0.002482	-0.01865	-0.02915
0.000174	7.83E-05	0.002596209	-0.02018	0.03098	0.013189
0.001449	5.98E-09	-0.00136605	-0.01141	-0.02251	-0.03807
8.85E-05	0.000356	0.016486133	-0.015	0.000304	-0.00941
0.00455	3.25E-06	0.003265637	0.019451	0.001634	0.067453
3.94E-05	5.98E-09	0.036327403	0.020121	3.88E-05	-0.00628
0.003621	0.000285	-0.07317823	-0.02405	-0.04834	-0.06017
0.001627	4.77E-05	-0.0591955	-0.02224	-0.10901	-0.04034
0.000185	0.002158	0.051920964	0.003773	0.067484	0.013597
0.000198	1.23E-05	-0.00538688	0.014185	0.022696	0.014086
2.79E-05	0.001817	-0.01851391	0.010364	0.001501	0.005284
0.000311	0.000947	0.062039457	0.017151	0.025089	-0.01763
2.01E-07	0.001695	0.085923851	0.027607	0.025747	-0.00045
0.00036	0.001519	-0.04211268	-0.00929	-0.02997	-0.01897
1.46E-07	3.13E-05	0.034151407	-0.00201	0.015906	0.000382
0.001032	3.09E-05	-0.01098909	-0.00037	-0.01137	0.032124
2.81E-05	0.000174	-0.0021417	-0.03193	-0.04843	0.005299
1.51E-05	9.52E-05	0.04365662	-0.01987	-0.02077	0.003881
1.52E-05	0.000126	-0.03266466	0.023736	-0.06492	-0.0039
0.000263	0.000305	0.050175799	0.054543	0.025594	0.016219
0.000865	0.000678	0.079229469	-0.00023	-0.00586	-0.02941
5.72E-05	8.08E-05	0.018213117	0.01546	-0.13439	0.007566
0.000242	0.00028	0.067166018	-0.00308	0.045237	0.015545
0.002793	0.001021	0.077818999	0.017134	0.101525	0.052845
0.000122	1.92E-05	0.084278456	-0.00599	0.057004	-0.01105
0.001716	5.98E-09	-0.09128269	-0.01372	-0.06445	-0.04142

1.01E-06	0.000179	-0.03632068	-0.00798	-0.06273	0.001007
3.54E-05	0.000172	-0.0675687	-0.005	-0.03053	-0.00595
0.000955	0.002831	-0.01536132	0.013552	-0.02582	0.030895
0.002471	4.29E-05	0.046037299	0.005054	0.113808	0.049709
0.004415	0.00011	0.025955583	0.030696	0.117146	0.066442
0.000169	2.15E-05	-0.03886057	-0.03725	-0.08129	-0.013
0.000896	0.000515	-0.12072338	-0.02768	-0.08361	-0.02993
0.001023	0.000691	-0.00059935	0.03563	0.024086	0.031981
5.21E-05	0.000194	0.001769186	-0.00322	-0.02235	0.007221
0.004002	9.61E-05	-0.05526988	-0.05286	-0.061	-0.06326
0.002176	2.98E-05	-0.01949383	-0.03413	0.009379	-0.04665
0.002629	7.8E-06	0.05645412	-0.00023	0.038673	0.051276
6.76E-05	0.000565	-0.01544244	0.022434	-0.02602	-0.00822
1.8E-05	8.67E-05	0.019288839	0.00513	-0.00418	0.00424
0.002045	0.000407	-0.09462498	-0.01606	-0.05796	-0.04522
0.000801	1.62E-06	-0.04203394	-0.02217	-0.05829	-0.02831
0.000171	2.77E-05	0.002085871	0.017763	-0.0004	0.013082
0.000715	2.32E-05	0.042290437	0.006778	0.018897	0.026743
0.000281	1.68E-05	-0.02163688	-0.00811	0.000846	0.016762
0.004453	0.000103	-0.03784842	-0.02306	-0.0414	-0.06673
6.62E-05	7.59E-05	-0.02286106	-0.00049	-0.0334	-0.00814
3.08E-05	0.000112	-0.02277065	-0.01289	-0.01187	-0.00555
0.000274	0.000164	0.026483296	0.027076	0.026709	0.01655
3.14E-05	0.001662	0.003443306	0.003553	-0.00358	-0.00561
4.57E-06	0.001276	0.049598768	0.021234	0.038281	0.002138
3.8E-05	3.93E-06	-0.046085	-0.01079	-0.0257	-0.00616
0.000839	3.28E-05	-0.00873268	-0.00938	0.023057	0.028964
0.001673	0.000105	0.060019058	0.010336	0.013155	0.0409
0.000691	0.000117	-0.03748212	-0.01775	-0.00216	0.026282
0.000983	3.4E-05	-0.01578033	0.009597	-0.02105	0.03135
0.000249	8.58E-05	-0.04541012	-0.00932	-0.03814	-0.01578
0.000806	9.04E-05	-0.03473171	0.00499	-0.07399	-0.0284
0.001876	0.000227	0.009308769	0.002386	0.014083	0.043312
0.000743	8.73E-05	0.016065656	0.014376	-0.0202	-0.02726
0.0032	5.98E-09	0.029690809	0.001098	0.052404	0.056571
6.1E-07	4.09E-10	0.019123066	0.002434	-0.00866	-0.00078
0.001158	7.42E-08	-0.01262889	-0.01209	0.045878	0.034035
0.01053	0.001647	0.014971616	-0.01066	-0.02173	-0.10261
0.00602	0.000609	0.019009343	-0.00413	-0.06992	-0.07759
0.000299	0.000828	-0.16144222	-0.08324	-0.05195	-0.0173
0.000134	0.000353	-0.11104419	-0.01813	-0.01229	-0.01156
0.000617	9.22E-05	-0.03722472	0.00565	-0.05332	-0.02484
0.00047	8.75E-05	-0.06856927	-0.00608	-0.0476	-0.02167
0.000183	0.002458	-0.0194177	-0.00835	-0.03004	-0.01354
0.000249	5.12E-05	0.027511851	-0.00943	0.002263	0.01578
0.000486	8.86E-06	-0.02105871	0.01636	0.001769	-0.02205
5.9E-05	2.3E-05	-0.00706737	0.001876	-0.01206	-0.00768
0.000314	3.46E-05	0.055718465	-0.00721	-0.00023	-0.01772
0.000542	3.36E-05	-0.01939959	-0.0185	-0.0191	-0.02328
6.31E-07	1.01E-05	0.024685986	0.006317	-0.01595	0.000794

4.38E-05	2.49E-05	0.035629952	-0.009	-0.00697	-0.00662
4.11E-06	9.4E-05	0.010473709	0.035267	0.026488	0.002027
2.84E-06	2.87E-05	-0.0058058	0.004389	0.023008	-0.00168
4.25E-05	2.66E-06	-0.01107303	0.001905	-0.00775	0.006523
7.39E-05	1.39E-05	-0.03914322	-0.00941	-0.0197	-0.0086
4.58E-05	6.19E-06	-0.01856927	-0.01472	0.011394	0.006764
2.65E-05	3.77E-05	-0.03428825	-0.00197	-0.00631	-0.00515
0.000178	6.3E-05	0.027092868	0.011477	0.007121	0.013354
0.000184	0.000321	-0.00557883	-0.00836	0.000385	-0.01357
2.63E-05	7.25E-05	-0.0128261	-0.00486	-0.03853	-0.00513
4.05E-08	1.07E-06	-0.00756622	-0.01132	-0.02606	-0.0002
2.61E-05	0.000142	0.033789956	0.026411	-0.01716	-0.00511
4.28E-05	2.02E-05	-0.02202378	-0.01765	0.00408	-0.00655
3.99E-06	1.94E-05	-0.02647022	0.004519	0.026542	0.001997
8.89E-05	7.28E-06	-0.00500985	-0.00243	0.016217	0.009429
0.00125	1.58E-06	0.020226877	0.012531	0.030501	0.035358
4.63E-05	2.04E-05	-0.0145429	0.001998	0.017772	-0.0068
0.000203	5.38E-08	0.005991067	-0.02696	-0.00443	-0.01423
2.89E-06	5.4E-05	0.003910479	-0.0008	-0.02822	-0.0017
0.000375	5.1E-05	-0.02650849	-0.01707	-0.01526	-0.01936
0.000352	0.00011	-0.00026101	-0.01232	0.012355	-0.01877
0.00054	2.6E-05	0.031243748	0.010866	0.022194	0.023244
5.34E-05	8.22E-08	0.015238345	0.00654	-0.014	-0.00731
2.01E-07	0.000148	-0.02289179	-0.00248	0.012499	-0.00045
8.9E-05	0.000289	-0.01085747	-0.00583	-0.01565	-0.00943
3.79E-05	3.58E-07	0.014025934	0.002012	-0.00871	0.006154
2.03E-06	0.000102	-0.01551592	-0.01023	0.008448	-0.00142
6.28E-05	5.98E-09	0.001787515	0.016717	0.005103	0.007927
3.9E-05	5.98E-09	-0.00522459	0.017009	0.008448	0.006247
0.00011	1.69E-05	-0.01064229	-0.0116	-0.00931	-0.01051
3.68E-06	9.22E-05	0.002347722	-0.007	-0.01018	-0.00192
6.07E-07	1.56E-07	-0.00370467	-0.00461	-0.00369	0.000779
4.28E-05	1.68E-06	-0.00053697	-0.01134	-0.00723	-0.00655
5.03E-06	3.67E-07	-0.03327577	-0.04289	0.007543	0.002242
4.79E-07	0.000245	-0.00765135	-0.00066	-0.00747	-0.00069
1.78E-05	9.02E-05	-0.03138688	-0.00087	-0.00436	0.004219
3.01E-05	7.88E-05	0.008406721	0.007262	0.010645	0.005483
8.48E-06	5.52E-05	0.002767709	0.004069	0.002048	-0.00291
6.18E-07	2.81E-05	0.000882514	0.001815	0.003257	0.000786
2.34E-06	3.01E-05	0.006575177	-0.00012	0.006061	0.00153
0.000199	2.81E-05	-0.0187863	-0.01089	0.006836	-0.01411
0.000207	5.98E-09	-0.00755768	-0.00659	0.008618	0.014404
0.000727	6.54E-06	-0.02656637	-0.0034	-0.01236	-0.02695
7.35E-05	0.000138	0.010975811	0.002946	-0.00035	-0.00857
0.000159	1.53E-05	0.008182942	-0.00182	0.006123	0.012627
5.87E-05	0.000195	0.003230233	0.002525	0.000873	-0.00766
2.19E-06	4.89E-05	-0.00691935	-0.01702	-0.00388	0.001479
5.62E-06	5.28E-05	-0.0122074	-0.00231	-0.01202	-0.00237
2.74E-05	2.94E-05	0.008625523	0.003948	-0.00167	-0.00523
4.09E-05	9.09E-06	-0.0179054	0.00407	-0.00739	-0.00639

5.67E-05	7.35E-05	0.00879726	0.005998	0.003486	-0.00753
0.000188	4.28E-06	0.008345076	0.01044	0.015466	-0.01373
5.33E-06	9.8E-06	0.011029784	-0.00183	-0.00144	-0.00231
5.13E-07	3.4E-08	0.016217454	0.008908	0.002209	0.000716
9.36E-05	8.77E-10	0.022505009	-0.01506	-0.01805	-0.00968
5.92E-05	9.6E-05	-0.0020823	0.008315	0.005548	0.007692
5.44E-05	1.69E-05	-0.015302	-0.00976	-0.01434	-0.00738
2.87E-05	4.51E-06	0.009173845	0.009383	0.014213	0.005359
1.36E-05	2.13E-07	0.013621247	-0.00923	0.003396	-0.00369
7.92E-05	0.00022	0.006062708	0.017548	-0.03181	0.0089
8.08E-05	0.000115	0.060693995	0.013975	0.016178	0.008988
1.77E-05	7.77E-06	0.006715994	0.00959	-0.01981	-0.00421
5.31E-07	0.000148	0.002359842	-0.00648	-0.00116	0.000729
0.000131	3.92E-07	-0.0151462	0.024262	0.012509	0.011457
1.88E-05	0.012936	-0.02940356	0.013435	0.00654	0.004337
0.000148	6.27E-05	0.009303894	0.007805	-0.00106	0.012149
0.000137	0.000181	-0.00579357	-0.01158	-0.02295	-0.01171
3.11E-05	1.65E-07	0.006497118	0.001473	-0.00185	0.005576
6.56E-05	1.65E-07	-0.02558061	-0.01755	-0.01841	-0.0081
0.000603	1.89E-05	0.022928319	0.011067	0.005372	0.024552
0.004812	0.000175	-0.02094802	0.002146	-0.00692	-0.06937
5.15E-06	0.000138	-0.0088489	-0.00249	0.000909	-0.00227
6.22E-06	0.000263	0.006049377	-0.00035	-0.01135	-0.00249
3.28E-06	1.5E-07	-0.01014246	-0.00919	0.005309	-0.00181
3.34E-06	0.0002	0.017845064	0.005398	0.012474	0.001828
4.78E-07	9.4E-05	-0.02184678	-0.00214	-0.00772	0.000691
7.25E-05	1.52E-05	0.021076964	0.017848	-0.00204	0.008516
2.09E-05	1.18E-05	0.003349095	-0.01255	0.004442	-0.00457
2.01E-07	1.95E-05	0.003356601	-0.01152	-0.01071	-0.00045
3.33E-05	7.83E-07	-0.00348524	-0.00034	0.009215	0.005771
0.00011	0.00523	-0.01286397	0.017739	-0.01014	-0.01048
0.000174	0.000403	0.022651684	0.01854	0.008636	0.013188
0.000166	1.28E-06	0.01741984	0.007945	-0.007	0.012901
0.000509	3.85E-05	-0.00078548	0.008013	0.018164	0.022552
3.55E-06	2.85E-05	0.000613117	0.006885	0.02222	-0.00188
4.09E-05	2.88E-05	0.013647971	-0.00625	-0.0085	-0.00639
5.52E-07	0.000116	0.023511668	0.022314	0.030651	0.000743
3.76E-06	2.97E-05	0.015318999	0.005711	-0.01642	0.001939
8E-06	1.1E-05	0.012517879	0.000375	0.010405	-0.00283
0.000284	4.31E-05	-0.00794398	0.004768	-0.00723	-0.01684
2.85E-05	6.57E-05	-0.00554524	0.020814	-0.02113	-0.00534
2.14E-05	0.00028	-0.02174927	-0.00765	-0.01284	-0.00463
7.96E-05	2.71E-06	0.014566605	0.004487	0.004265	0.008922
3.43E-06	3.61E-07	-0.0265362	-0.00861	0.000926	-0.00185
6.09E-05	2.63E-05	0.014084026	0.006587	-0.00356	0.007807
3.67E-06	0.000228	0.017814283	-0.00271	-0.00606	0.001916
0.000142	0.000217	-0.03590374	-0.00085	-0.01642	-0.0119
7.33E-05	6.32E-05	0.001175231	0.001005	-0.01507	-0.00856
3.99E-05	0.000212	0.062702669	0.01268	-0.01021	0.00632
9.39E-06	0.000228	-0.01147771	-0.0093	0.00087	0.003065

1.81E-05	3.04E-05	-0.0170578	-0.00641	-0.0288	0.004258
8.2E-05	0.000449	-0.01450814	-0.02433	0.019121	0.009053
0.000232	2.39E-05	0.028472355	0.005585	-0.01257	0.015234
1E-06	0.000298	-0.03091202	-0.00241	-0.00397	0.001002
3.59E-06	6.82E-05	0.057018758	0.01077	-0.01029	-0.0019
0.000131	5.98E-09	-0.01329221	-0.01111	0.014818	-0.01142
8.9E-05	5.99E-05	-0.00526924	0.012008	-0.00419	0.009432
8.13E-06	6.77E-05	0.024401133	0.009657	0.003426	-0.00285
0.000281	0.001887	-0.00981597	-0.00466	-0.01629	-0.01676
0.001056	4.84E-05	0.002404162	0.009209	0.021261	-0.03249
6.27E-06	2.42E-05	-0.00972662	-0.01371	0.006403	-0.0025
0.001078	2.6E-05	0.029488497	-0.00023	0.002061	0.03283
5.44E-06	0.000105	-0.02022022	0.000995	0.006242	-0.00233
3.97E-05	2.47E-05	-0.01693074	-0.01235	-0.01428	-0.0063
1.56E-05	0.000106	0.012447436	0.00956	0.020181	-0.00395
0.000451	0.000393	0.016848836	-0.00692	0.009801	-0.02124
1.91E-05	5.13E-10	0.017738499	-0.00567	-0.01288	0.004374
0.000847	8.2E-05	0.03248437	0.01077	0.020892	0.029103
4E-05	4.67E-05	-0.04198507	-0.00872	-0.01331	-0.00632
5.31E-07	7.85E-05	-0.01132718	-0.01821	0.016684	0.000729
4.12E-05	0.000273	0.034563734	0.008291	0.000675	0.006423
0.000354	8E-05	-0.0322227	0.018728	0.018393	-0.01882
0.000271	0.00021	-0.01813322	-0.03278	0.000923	-0.01647
4.87E-07	1.83E-05	-0.02784448	-0.002	0.001848	0.000698
2.82E-05	0.000866	0.007489908	0.001543	0.020008	0.005313
8.77E-07	2.37E-05	-0.02452655	-0.02897	-0.02991	0.000937
0.00011	1.74E-07	-0.02124481	-0.01047	-0.01441	-0.0105
0.000235	0.000172	0.01982782	0.027838	0.000448	0.015329
0.000349	2.29E-05	-0.01257732	-0.02309	-0.00034	-0.01867
0.00037	7.98E-07	-0.00240058	0.003323	-0.00124	-0.01922
7.11E-05	5.98E-09	-0.00726946	0.027952	0.035662	-0.00843
3.15E-06	7.99E-06	0.034330453	0.015215	0.005162	0.001774
7.87E-07	7.33E-05	-0.02324865	-0.00011	-0.00419	0.000887
0.000137	8.89E-05	-0.03227813	-0.00035	0.008483	0.011714
0.000214	0.000189	-0.01736031	0.015705	0.016041	0.014641
0.000281	6.63E-05	0.007696013	0.005888	0.009679	0.016761
0.000117	2E-05	-0.0217003	-0.02645	-0.03655	-0.0108
0.000231	2.48E-05	-0.01702357	0.003356	-0.02409	-0.01519
1.33E-05	9.16E-06	0.001621944	0.017171	0.00091	0.003651
4.6E-05	8.2E-06	-0.00565255	0.001719	-0.02573	-0.00678
2.24E-05	5.98E-09	-0.0031322	0.024893	0.00378	-0.00473
2.06E-07	1.47E-05	0.042225601	0.021479	0.009211	0.000454
0.00045	3.57E-05	-0.00584683	0.003614	-0.01134	-0.0212
0.001378	0.000327	0.012113378	0.0035	0.006484	0.037124
6.32E-05	9.84E-05	0.004549092	-0.0001	0.013378	-0.00795
0.000147	9.27E-05	-0.0222074	-0.00306	-0.0081	-0.01213
0.000868	0.000193	0.010452578	0.005836	0.011149	-0.02947
0.000127	0.000126	0.03295741	0.004307	0.010118	0.011252
0.00078	2.42E-05	0.008697191	0.001067	0.018508	0.027929
0.000149	5.98E-09	0.014270588	-0.0054	0.010424	0.012196



0.000609	5.21E-07	-0.02416046	0.014185	-0.0256	-0.02467
0.000171	7.7E-07	0.008668971	0.016966	0.01215	-0.01307
0.000546	1.49E-06	-0.03261637	-0.00395	0.004819	0.023362
0.000392	7.12E-05	-0.00532237	-0.00301	-0.00234	-0.01979
0.001472	4.7E-10	0.013949937	-0.00419	0.014508	0.03836
0.001071	3.66E-05	0.014936724	0.00534	0.00383	0.032726
4.48E-06	0.000149	-0.01092333	-0.02532	0.027486	-0.00212
3.48E-05	3.35E-05	0.001662986	-0.0087	-0.00401	-0.0059
0.000305	5.05E-05	0.013910989	0.001309	0.005424	-0.01745
8.09E-05	2.36E-05	0.008656012	0.007012	0.008572	-0.00899
0.000141	0.000441	0.012824786	0.008906	-0.00797	-0.01186
4.16E-05	5.98E-09	-0.00344094	0.01501	0.022666	0.006449
0.005421	1.66E-05	0.03993896	0.004428	0.061188	0.073626
0.000264	9.65E-05	0.017465445	-0.01596	-0.0147	-0.01624
0.000259	0.000321	-0.0402088	-0.00803	-0.0187	0.016104
5E-05	1.9E-06	-0.03198694	-0.00153	-0.00113	-0.00707
6.09E-07	9.1E-05	-0.00387237	0.0195	-0.00049	0.000781
0.000488	0.000388	0.015338686	0.013461	0.001323	-0.02208
5.79E-05	0.000403	0.004645375	0.004353	-0.04231	-0.00761
2.15E-06	2.3E-05	-0.02043951	-0.00626	-0.00294	0.001465
2.02E-05	0.001686	0.000613117	0.00111	0.002247	-0.0045
2.01E-07	0.000297	-0.01109039	-0.00954	0.027363	-0.00045
9.37E-06	0.00024	-0.01348945	-0.00421	-0.00592	-0.00306
6.66E-06	2.37E-05	-0.02169824	-0.0055	-0.00638	-0.00258
1.66E-05	6.34E-05	0.009720124	-0.00155	0.041527	0.004076
2.69E-05	4.74E-06	-0.04455597	-0.01769	-0.03862	-0.00519
2.43E-05	0.000104	0.005467486	-0.01363	-0.02298	-0.00493
1.64E-05	7.63E-05	0.023453236	0.025275	-0.00023	0.004055
0.000195	1.26E-06	-0.01454581	-0.00089	-0.01154	0.013975
8.1E-06	2.4E-05	-0.00907211	-0.01694	0.004415	-0.00285
0.000285	0.001308	0.003527153	-0.00023	0.009021	0.016873
0.000245	0.00036	-0.00685856	-0.00852	0.002245	0.015665
1.08E-05	9.39E-06	0.012564336	-0.00151	0.004617	0.003284
3.01E-07	3.32E-05	-0.01969752	0.001681	0.003638	0.000548
8.6E-06	0.000129	-0.06918017	0.002454	-0.01726	-0.00293
2.85E-06	4.89E-06	0.014129675	0.015354	0.015838	-0.00169
0.000551	4.91E-06	-0.01947518	0.004859	-0.00073	-0.02348
0.002772	0.000201	0.014035936	0.012995	0.008436	0.052654
8.31E-06	4.25E-05	-0.00737623	-0.01841	0.012487	0.002882
9.81E-05	0.000325	0.020070131	0.003679	0.011999	0.009904
1.19E-05	0.000202	-0.0059052	-0.01551	-0.00548	0.003449
3.76E-05	2.84E-05	-0.00185325	0.026663	0.003757	-0.00613
0.000202	2.47E-05	-0.01505671	-0.01517	-0.00432	-0.01421
4.59E-05	0.000138	0.00415686	-0.00924	0.002597	-0.00678
0.000464	9.9E-07	-0.02841914	-0.03261	-0.0061	0.021544
0.00016	0.000263	0.013685012	-0.01616	0.027984	0.012658
1.68E-05	0.000339	0.001049037	-0.00801	-0.01687	-0.0041
0.000122	1.58E-05	0.067589861	0.007611	0.01951	-0.01104
0.000239	0.000225	-0.01088114	-0.01174	0.00175	-0.01546
1.6E-05	3.16E-05	-0.01678015	-0.00301	0.017484	-0.004

4.93E-06	0.000983	0.021364789	0.00928	0.030616	-0.00222
6.72E-07	0.000915	-0.00420561	0.010865	-0.00023	0.00082
6.74E-07	9.48E-05	-0.0156397	-0.00514	0.006036	0.000821
3.23E-07	0.000597	-0.00922148	0.008431	-0.01178	0.000568
7.71E-05	2.01E-05	-0.00604763	0.009768	0.016558	0.008783
0.000126	9.11E-10	0.016171178	-0.02343	-0.008	0.011225
0.000132	5.98E-09	-0.00073793	-0.00497	-0.00492	-0.01148
9.33E-05	0.00012	0.014540058	-0.00278	0.017916	0.009658
4E-06	2.84E-05	0.007509669	-0.00023	-0.00303	-0.002
8.88E-05	3.04E-05	-0.00962579	-0.01221	-0.00733	-0.00942
0.000238	5.59E-05	0.020334695	-0.01556	0.015473	0.015442
3.47E-05	0.000189	0.021940131	0.015337	0.006035	-0.00589
0.000248	0.00072	-0.05234918	-0.00618	-0.01688	-0.01575
0.00017	5.17E-05	0.017964715	0.011816	-0.00218	-0.01304
2.98E-05	6.09E-06	0.008204559	0.002668	-0.01005	-0.00546
8.69E-06	5.09E-06	0.005699822	0.004137	-0.01117	-0.00295
0.000149	9.84E-06	0.028173107	0.003544	0.01618	0.01221
0.000128	0.000374	-0.02463005	-0.01	-0.01353	0.011335
0.000789	8.02E-05	0.01422814	0.007671	0.017079	-0.02809
1.01E-05	0.000111	-0.00149511	-0.00687	-0.01045	-0.00318
0.000342	0.000249	-0.01800757	-0.00802	-0.01933	-0.0185
0.000484	2.43E-05	0.005464122	0.002773	-0.00293	0.021996
0.000163	2.61E-05	0.0168103	-0.00263	-0.00694	-0.01276
0.001625	3.24E-05	0.012489602	0.019328	0.021721	0.040311
0.001177	6.41E-05	0.015070948	-0.00145	0.023362	0.0343
0.000368	2.59E-05	-0.01129164	-0.01349	-0.00968	-0.01919
1.9E-06	1.6E-05	0.020030593	0.00461	-0.0012	0.001377
7.36E-07	6.64E-06	0.010417039	-0.00144	0.007615	0.000858
4.46E-05	0.000295	0.012016191	0.008304	0.019916	-0.00668
0.00015	0.000129	-0.02499075	0.000989	-0.0208	-0.01224
0.001903	0.00027	-0.021819	-0.02523	-0.02718	-0.04363
7.03E-06	0.000254	0.013771012	0.004192	0.007317	-0.00265
0.000129	0.000447	-0.03625324	-0.01403	-0.01642	-0.01134
4.72E-05	0.000764	-0.0098748	-0.00493	-0.0052	0.006869
8.3E-06	0.000103	-0.0023421	-0.01753	-0.01622	-0.00288
4.77E-05	8.56E-05	0.019135923	0.00266	0.033653	0.006905
0.000115	1.12E-05	0.031400706	0.005	0.010404	0.010705
8.53E-06	0.000281	0.018097333	0.015236	0.009813	-0.00292
1.07E-05	0.000464	0.004758447	-0.00727	-0.01181	0.003274
2.06E-05	0.000816	-0.03102797	-0.02101	-0.01823	0.00454
3.25E-06	0.00069	-0.01792686	-0.00696	-0.01319	0.001802
3.91E-08	1.71E-05	-0.00054429	-0.00262	-0.00752	-0.0002
0.000109	9.79E-07	-0.00651168	0.003651	-0.01461	0.010419
0.000936	0.000318	0.000843002	0.002746	-0.01186	-0.03059
0.006005	5.93E-05	0.036327403	-0.00649	0.004968	0.077491
3.12E-06	1.14E-09	0.006601141	0.005953	-0.01305	-0.00177
0.000638	0.000131	0.031477314	0.003216	0.017385	0.025263
2.01E-07	3.28E-05	0.00707435	-0.00412	-0.05182	-0.00045
2.02E-05	0.000132	-0.02197615	0.009594	0.010023	-0.00449
9.83E-06	0.000496	-0.05512083	-0.00826	0.003537	-0.00314

2.01E-07	0.00012	0.01244881	0.005999	0.036184	-0.00045
2.46E-05	0.000335	0.010929647	-0.00253	0.023604	0.004958
2.01E-07	4.69E-05	-0.00982772	-0.01206	0.006609	-0.00045
0.000116	5.98E-09	0.014730764	0.005489	0.014325	0.010757
4.18E-07	0.000345	0.024709503	0.012514	0.026728	0.000647
8.5E-07	0.000457	-0.02953411	-0.00462	-0.00301	0.000922
0.00069	0.000172	0.002720845	-0.00046	-0.02864	0.026275
0.000566	2.62E-07	-0.03983632	-0.01265	-0.02465	-0.0238
5.75E-05	6.25E-05	-0.01159554	-0.00578	-0.00339	0.007583
0.00013	0.000273	-0.0179054	0.009028	-0.00102	-0.0114
0.000547	0.001328	0.013634525	-0.0041	0.048738	0.023388
4.53E-06	7.52E-05	0.007502006	-0.00126	-0.0064	-0.00213
0.000296	8.71E-06	0.034858118	-0.00012	0.007369	0.017216
9.03E-06	0.000137	0.019582672	0.000679	0.069197	-0.00301
0.001152	5.98E-09	0.017521905	-0.00465	-0.01878	0.033944
4.43E-05	3.51E-05	0.019787874	0.02774	0.020187	0.006657
4.79E-05	0.000494	-0.05226045	-0.00348	0.00438	-0.00692
0.000842	0.001693	-0.00213791	0.006551	-0.01918	-0.02902
0.000782	3.41E-05	-0.03434264	-0.00939	-0.0287	-0.02796
0.00041	0.000142	-0.00815881	-0.00381	-0.00656	0.020256
0.000193	3.88E-08	-0.00157507	-0.00483	-0.00596	-0.01388
0.000386	3.58E-05	-0.00698732	-0.01137	-0.01863	-0.01966
3.82E-05	3.91E-08	-0.04399269	-0.05756	-0.00705	-0.00618
9.82E-05	1.55E-06	-0.02956797	-0.0063	-0.02433	-0.00991
0.001191	0.000182	0.046928906	-0.00023	0.020983	0.034517
0.000166	1.03E-05	-0.00980355	0.019312	0.008689	-0.01288
2.61E-05	0.001012	-0.00765135	0.001944	-0.01509	0.005108
0.000102	2.2E-05	0.041697221	-0.00023	0.012085	-0.01008
2.2E-06	5.04E-05	0.042989799	0.000748	0.00666	0.001482
0.000133	0.000409	0.019343131	0.00206	0.008246	0.011547
2.01E-07	0.000437	-0.00212037	0.006472	0.026734	-0.00045
0.000165	0.000797	0.011202436	0.02443	0.055496	0.012837
2.01E-07	5.8E-06	-0.09626838	-0.00248	0.018178	-0.00045
4.07E-05	3.48E-05	-0.06883939	0.006555	-0.02403	0.006382
0.001627	3.58E-05	-0.02410386	-0.01582	-0.01367	-0.04034
7.36E-05	7.98E-05	-0.06939917	-0.01233	-0.09394	-0.00858
0.000603	9.22E-06	0.038682334	0.017799	0.021661	0.024552
0.000186	1.84E-06	0.030245525	0.014427	-0.01105	0.013637
0.001047	6.19E-05	-0.02532769	-0.01147	-0.02773	-0.03235
0.000235	2.16E-05	-0.00411416	0.011591	-0.00689	0.015342
0.002109	0.000209	0.0286505	0.024943	0.019909	0.045929
6.93E-05	0.000337	-0.02648272	0.004452	0.013151	0.008324
0.002689	0.000629	0.192162413	0.011616	0.035752	0.05186
0.002062	0.000597	-0.03992742	-0.04602	-0.0821	-0.04541
0.000236	0.000355	0.024017372	0.010509	0.028873	0.015373
2.01E-07	0.00016	-0.03429448	-0.01697	0.007504	-0.00045
0.001875	0.000664	-0.04635361	-0.00471	-0.07291	-0.0433
0.000797	0.000805	-0.04585078	-0.0069	-0.01962	-0.02823
0.000227	0.000338	0.009650963	0.001437	0.038946	0.015067
0.000154	0.00032	-0.01239562	0.004801	-0.01524	0.012409

0.001393	0.000142	-0.03849403	-0.01239	-0.0338	-0.03732
0.000168	4.49E-05	-0.00806098	-0.01116	-0.00559	-0.01295
5.21E-05	0.001696	0.056500967	-0.00023	0.047898	0.007219
0.00018	0.00027	-0.04060552	-0.0153	-0.0366	-0.01342
0.004334	5.34E-05	0.052451006	0.049485	0.146458	0.065835
0.00062	2.58E-05	-0.03659196	-0.00607	-0.05997	-0.02491
0.000672	0.000905	-0.04444754	-0.00615	-0.02923	-0.02593
0.002745	0.003384	-0.11482457	-0.03129	-0.06065	-0.0524
0.00144	0.00221	-0.01848463	-0.00121	-0.02292	-0.03795
4.24E-06	1.98E-06	-0.00980355	0.001392	0.015175	0.002058
4.26E-06	7.83E-06	-0.02122094	-0.00175	-0.00199	0.002065
0.000323	0.0003	-0.00445567	0.006845	0.020132	-0.01797
0.00098	0.004989	-0.03634644	-0.00737	-0.02703	-0.03131
0.000361	9.27E-05	-0.01314204	-0.0012	-0.02301	-0.019
0.001264	4.96E-08	0.017396334	0.007385	0.021891	0.035553
0.000396	4.33E-06	0.082307519	0.008217	0.012744	0.019905
0.000961	8.53E-07	-0.02804228	0.006729	-0.02225	-0.03101
8.59E-05	5.98E-09	0.034807646	0.000321	-0.00011	0.00927
0.000418	9.54E-06	0.012765094	-0.00464	0.003826	-0.02045
1.88E-05	7.82E-06	-0.02589182	-0.01487	0.001513	0.004337
2.71E-05	1.44E-07	0.00331582	0.00216	-0.01845	-0.00521
0.000408	8.61E-06	0.060447617	0.007216	-0.00239	0.020208
0.000537	1.17E-06	0.055152469	-0.00111	0.038738	0.023184
0.000141	8.59E-07	0.013703902	-0.00253	0.012811	0.011892
8.49E-05	6.09E-07	0.036176497	0.005147	0.019285	0.009214
4.93E-07	4.16E-05	0.012730009	0.013116	0.020943	-0.0007
0.000287	3.54E-05	-0.02643265	-0.01933	-0.02275	-0.01695
3.41E-05	2.63E-05	-0.00215313	0.009129	0.010228	0.005842
2.01E-07	5.98E-09	0.008278622	0.00642	0.017932	-0.00045
7.12E-05	1.18E-06	0.009577786	0.00199	0.004428	0.008435
0.001044	8.7E-07	0.035729565	0.013281	0.021367	0.032318
0.000379	7.81E-08	-0.01338042	-0.01357	-0.01417	-0.01948
8.87E-05	0.000501	0.010395726	0.005467	0.00155	0.00942
0.000422	4.76E-05	-0.03654021	-0.00479	0.002319	-0.02055
2.18E-05	5.98E-09	0.002885844	0.006487	0.024023	0.004667
0.000418	2.74E-05	0.004121889	0.011093	0.008983	0.02044
4.71E-06	7.04E-05	0.029493983	-0.0081	-0.00416	0.00217
9.57E-05	9.19E-06	0.002783884	-0.00815	0.015075	-0.00978
0.000138	1.24E-06	-0.00514228	-0.00622	0.000439	-0.01173
0.000529	3.57E-06	-0.02565659	-0.00519	-0.0249	-0.023
2.01E-07	4.18E-07	0.008734586	-0.01114	-0.02058	-0.00045
0.000156	0.000146	0.028748895	0.00746	0.020552	0.0125
0.000642	0.000418	-0.00659539	0.016528	0.010271	0.025333
3.17E-05	1.53E-05	0.002237666	-0.00909	0.002404	-0.00563
9.19E-06	0.000215	-0.02574892	0.003101	0.033646	-0.00303
0.00016	1.78E-05	-0.00619435	0.006592	-0.01033	0.012641
0.000312	9.77E-05	0.018197486	0.003023	-0.00211	0.017676
1.55E-06	5.56E-06	-0.00080583	0.003825	-0.00157	-0.00125
3.3E-05	4.16E-05	0.011007382	0.008177	0.029489	-0.00575
5.72E-05	2.3E-05	0.051460575	0.001475	0.017354	0.007563

1.97E-05	4.84E-05	0.032081648	0.002622	-0.0141	-0.00444
9.61E-06	3.81E-05	-0.00556449	0.000911	0.006756	-0.0031
3.91E-05	1.93E-05	0.008787504	-0.00478	0.001311	-0.00625
0.000116	9.28E-05	0.016028137	0.009997	0.013097	0.010752
0.001699	0.001243	-0.00703544	0.017429	-0.00235	0.041219
0.0002	0.000218	-0.04719267	-0.0072	-0.01486	-0.01415
0.000159	2.35E-05	0.00757062	-0.01046	-0.00356	-0.01263
5.47E-06	6.14E-06	-0.01091105	-0.00946	-0.03014	-0.00234
0.000342	6.96E-06	-0.00124217	0.00538	0.019001	-0.01848
0.000106	0.00021	0.027084265	0.009015	0.010321	0.010276
6.29E-05	9.76E-05	-0.02045325	-0.01593	-0.00369	0.007933
7.32E-05	0.000407	0.038137295	0.003078	0.019519	0.008554
0.001039	2.71E-05	0.004496612	-0.00251	0.013354	0.032228
7.79E-05	0.000124	0.015191525	0.022482	0.024681	-0.00883
0.000385	1.08E-06	-0.0060405	-0.02244	-0.0046	-0.01963
0.000898	9.81E-06	0.008502663	-0.01038	-0.01814	-0.02996
0.000848	0.000313	-0.01472967	0.015804	0.027452	0.029117
0.000507	3.72E-05	0.022037438	0.006688	0.035928	0.022515
0.000394	3.96E-05	0.008813117	0.007907	-0.02768	0.019838
0.002998	2.79E-05	-0.02945478	-0.04255	-0.02483	-0.05476
0.000197	0.00022	-0.05955097	-0.02425	-0.05482	-0.01404
8.07E-06	8.46E-05	-0.00949336	-0.00012	-0.00159	-0.00284
0.000244	1.6E-05	-0.00974588	-0.01311	-0.01117	-0.01564
3.61E-07	1.87E-07	0.008533909	0.012811	0.020744	0.000601
1.27E-06	0.000397	0.003139737	-0.00682	-0.02077	0.001127
3.69E-06	0.000222	-0.00548554	0.01746	-0.01356	0.001921
2.01E-07	8.65E-06	-0.03234439	0.003075	-0.00275	-0.00045
0.000556	8.12E-06	0.015756628	-0.01114	-0.00275	-0.02358
2.23E-05	0.000596	0.003261422	0.004149	0.016635	0.00472
0.000932	0.000812	-0.01090521	-0.01693	-0.04494	-0.03052
8.69E-06	0.000233	0.087899644	-0.01456	-0.01795	-0.00295
5.05E-05	5.98E-09	0.119271576	0.005104	-0.00901	0.007109
7.57E-05	0.000144	-0.03382017	0.00298	-0.00148	0.008703
0.001119	0.000185	-0.00346935	0.025015	0.014782	0.033455
0.000887	0.000938	0.002863526	-0.00894	-0.0113	-0.02978
0.000369	0.001071	0.010739176	0.005789	0.045825	-0.01922
9.34E-05	0.000209	-0.00697507	0.004276	0.008667	0.009666
8.12E-06	1.16E-05	0.003905298	-0.01079	-0.00049	0.00285
0.0023	0.000152	0.043307818	0.003152	0.027039	0.047956
0.00012	4.24E-05	-0.00152775	0.011811	0.009964	-0.01097
1.92E-05	0.000269	-0.01498225	-0.00365	-0.00964	-0.00438
0.000147	0.000508	0.014502006	-0.00012	0.025234	-0.01211
0.00021	4.71E-05	0.029184546	0.02448	0.026047	-0.0145
1.61E-05	2.58E-05	0.018737977	0.025462	-0.00309	-0.00401
0.000331	0.001218	0.000389403	-0.00139	-0.00649	-0.0182
0.000398	6.06E-05	0.039664721	-0.00826	0.018468	0.01996
1.15E-05	0.000105	0.015235758	0.011369	0.010022	0.003393
3.29E-05	1.63E-06	-0.02713281	-0.00611	-0.01295	0.005736
2.49E-05	5.36E-05	-0.0077998	-0.00813	0.011916	0.004993
4.62E-06	4.58E-05	-0.01615415	0.005406	0.000505	0.00215

0.000115	0.000318	0.001508172	0.009175	-0.02729	-0.01073
2.23E-05	6.43E-05	0.023267579	-0.00081	-0.01289	0.00472
0.000323	5.97E-06	-0.01736441	0.019294	0.02976	0.017973
0.000166	1.92E-07	-0.00807479	-0.00623	-0.0266	0.012886
1.91E-05	7.17E-06	-0.0007217	-0.00363	-0.01138	0.004375
0.000425	3.72E-05	0.012772541	0.000354	0.006089	0.020619
0.000321	0.000151	0.001514627	-0.00199	0.003011	-0.01792
0.000462	0.000143	-0.01991668	0.010419	-0.03594	-0.0215
0.000344	1.01E-07	-0.0426815	-0.02673	-0.00482	-0.01854
0.000247	3.48E-05	-0.01086914	-0.01275	-0.0084	-0.01571
0.000529	6.83E-05	0.06034763	0.027838	0.014049	0.02299
0.0003	1.97E-07	0.016343454	0.004822	0.016359	0.01731
0.000123	0.00051	0.000613117	-0.01688	0.001157	0.01108
0.000356	0.000162	0.007628279	-0.00598	0.010262	-0.01887
0.000567	0.000154	0.011825932	0.01163	-0.01129	0.023811
4.02E-05	3.76E-05	-0.00189773	0.013801	0.020959	0.006336
0.000416	4.18E-05	-0.03758666	-0.01419	-0.04489	-0.02039
0.00063	1.44E-05	-0.02609628	-0.00197	-0.01734	-0.02509
4.75E-05	1.06E-07	-0.05201846	-0.02568	-0.00221	-0.00689
0.000233	0.000462	0.017283214	0.009477	-0.00353	0.015259
9.22E-05	0.000146	-0.01178526	-0.0016	-0.00089	0.0096
7.67E-07	4E-08	-0.00080763	0.000567	0.001225	0.000876
0.00036	0.002394	-0.02374332	0.000911	-0.02167	0.018985
1.31E-05	5.98E-09	0.017732956	0.001485	-0.01109	0.003617
7.25E-05	0.000131	-0.03155063	-0.02097	-0.01904	-0.00851
0.000133	0.000206	0.012447436	-0.00023	0.016344	0.011522
2.04E-05	0.000303	0.012387214	-0.00023	-0.00086	-0.00451
0.000305	0.000248	0.070196895	-0.00912	-0.00403	0.017478
0.000583	0.000435	0.032551443	0.006479	0.035252	0.024135
0.000405	0.000723	-0.04359741	-0.01565	0.003731	-0.02012
0.00255	0.000134	0.01017741	0.02114	0.002418	0.050498
3.56E-06	3.36E-05	0.052715085	0.013451	0.022777	0.001887
0.001232	1.62E-05	-0.03559378	-0.01151	-0.01226	-0.0351
9.33E-05	9.47E-05	-0.01004786	-0.01248	-0.01602	-0.00966
1.02E-05	0.00014	0.01357208	-0.00797	0.053864	0.003194
0.000453	0.000513	-0.03076764	-0.00211	-0.04272	-0.02129
0.001679	0.000471	0.002709553	0.008333	-0.03484	-0.04097
1.49E-05	3.46E-06	-0.03943518	-0.00134	-0.0066	-0.00386
0.002764	4.6E-06	0.020941659	0.01902	0.0089	0.052576
0.00065	6.09E-05	0.004529835	-0.01934	-0.00483	-0.02549
4.25E-06	4.18E-06	-0.00938688	0.005578	-0.01186	-0.00206
2.73E-05	3.12E-05	0.032192064	0.041192	0.006393	0.005229
0.000663	8.7E-07	0.022118493	-0.009	0.01319	-0.02574
3.11E-06	9.41E-05	0.057431299	-0.00081	-0.01284	-0.00176
3.53E-05	1.02E-05	-0.11921085	-0.0342	-0.00023	-0.00594
0.001434	6.31E-05	-0.13300907	-0.00245	0.038133	0.037867
1.59E-06	5.98E-09	-0.03755991	-0.02831	-0.01841	-0.00126
0.004057	4.71E-05	0.032965552	0.022407	0.026439	0.063696
0.000705	0.000176	0.002509669	0.002536	0.003923	0.026555
8.35E-05	4.23E-07	0.009308769	0.000876	0.009097	0.009139

9.89E-05	0.000214	-0.01310901	-0.0251	0.006575	-0.00994
0.000281	0.000225	0.018065124	0.001935	0.04351	0.016757
0.000577	1.12E-05	0.038656595	0.010721	0.012864	-0.02403
0.000736	3.14E-05	-0.05740736	-0.02688	-0.05516	-0.02713
0.000167	5.98E-09	-0.00616654	0.019333	-0.04689	0.012924
2.01E-07	3.35E-05	-0.03217377	0.009093	0.025704	-0.00045
0.000111	0.000281	0.059640895	0.012546	0.03345	-0.01052
0.000465	0.000199	-0.04637563	0.00233	-0.01699	-0.02157
8.51E-05	0.000371	-0.02360387	0.002785	-0.02165	0.009222
5.32E-05	0.000613	-0.02071727	0.002007	0.002292	0.007291
6.29E-05	0.004011	0.013253117	0.009378	0.024501	0.007934
0.000666	0.00018	-0.05384982	-0.02611	0.003866	-0.0258
0.000387	0.000212	0.066742149	-0.00353	-0.03828	0.019667
1.51E-05	5.02E-05	0.005475354	-0.00351	0.018762	0.003881
4.65E-05	0.000438	0.090719124	0.006376	0.025561	0.00682
0.00024	7.31E-05	0.009525773	-0.01328	-0.00568	0.0155
0.001714	0.000389	-0.02032929	-0.01838	-0.01262	0.041398
0.000599	0.00014	0.014772409	0.004055	-0.01326	-0.02447
1.18E-05	3.41E-05	0.031635015	-0.00034	-0.00814	-0.00344
0.000151	3.02E-06	0.036529941	-0.00439	-0.00273	-0.01228
4.91E-05	0.000271	0.015968203	0.001907	-0.00442	0.007004
0.000135	0.000182	0.022181744	0.005144	0.043685	0.011619
7.02E-05	2.49E-05	0.014529618	0.010637	0.026458	0.008378
0.000682	0.000354	0.024635918	0.004135	0.011136	0.026106
0.002852	0.000234	-0.03397808	-0.01845	-0.06406	-0.05341
1.15E-05	0.000441	0.0324525	0.005156	0.002172	-0.0034
0.00072	8.46E-05	-0.04579957	-0.01718	0.093518	0.026825
8.94E-05	0.000169	0.001774782	-0.00864	-0.07459	-0.00946
0.000152	6.48E-06	-0.01576472	-0.0065	-0.0052	-0.01232
0.001082	5.98E-09	-0.00863217	-0.01148	-0.02993	-0.03289
2.81E-05	0.000158	0.021807722	-0.00649	-0.01436	-0.0053
0.000123	0.001046	0.101355429	0.013281	0.093172	0.011113
2.52E-08	1.01E-05	0.003804606	-0.00231	0.016916	-0.00016
4.2E-05	5.44E-05	0.02681399	-0.00127	0.027673	-0.00648
0.000353	0.000522	-0.00373471	-0.00539	-0.02737	-0.01878
0.000291	8.24E-05	0.04016114	0.004949	0.019438	0.017061
0.003225	5.74E-05	-0.08513068	-0.02351	-0.04277	-0.05679
0.000129	0.000392	0.014225682	-0.00023	-8.8E-05	0.011336
0.005769	0.001125	0.014628832	0.007931	0.072976	0.075953
0.000309	0.0009	-0.00403706	-0.00227	-0.00499	0.01757
0.002403	0.000183	0.029091378	-0.00731	-0.06149	-0.04902
0.000123	8.29E-07	0.077896489	0.01205	-0.00302	0.011113
0.000612	0.004304	-0.0132437	-0.00329	-0.01262	0.024737
0.000983	6.49E-06	0.051583991	-0.01083	0.06273	0.031347
0.001441	0.000258	0.005736318	0.003314	0.040931	0.037965
2.01E-07	1.18E-07	0.025875748	0.006911	-0.00629	-0.00045
0.000278	0.000901	0.068169859	0.014261	0.047724	0.016666
0.002997	7.09E-06	-0.00575462	0.020909	0.063624	0.054748
0.000493	0.001843	0.005679784	0.029148	0.09384	0.0222
1.98E-05	0.000361	-0.03562435	0.00634	-0.00189	0.004454

3.41E-06	1.89E-06	0.000870186	0.004279	-0.02453	-0.00185
0.000143	1.99E-05	0.035187585	0.014165	0.009773	0.011942
0.000889	5.74E-05	0.022352247	0.006509	0.040454	0.029822
1.38E-05	0.000212	0.020003699	0.00202	-0.00662	-0.00372
0.001487	0.000244	-0.02607871	-0.0046	-0.00602	-0.03856
1.16E-05	0.000395	0.022376202	0.00303	0.014953	0.003413
6.38E-07	0.00019	0.019989697	0.027513	0.027063	-0.0008
2.15E-05	4.63E-05	-0.00469415	-0.01166	-0.01653	-0.00464
0.000184	0.000135	-0.02417577	-0.02258	0.023526	-0.01355
4.22E-05	5.91E-05	0.034988997	0.01913	0.038728	0.006497
0.001012	5.59E-05	0.054041434	0.014797	0.039866	0.03181
0.001648	0.001485	0.021212935	0.00922	0.035817	0.040597
2.06E-05	0.002349	-0.0341822	0.00199	-0.00045	-0.00454
0.000214	2.44E-05	-0.07506256	0.011602	-0.00547	0.014641
1.11E-05	2.37E-06	-0.02800332	0.031514	-0.03197	0.003339
0.001546	2.46E-05	-0.01003623	-0.0023	-0.01111	0.039316
0.000231	0.000363	0.110123203	-0.01381	-0.01731	-0.01519
4.9E-05	0.000149	-0.04609018	-0.00383	-0.02236	-0.007
0.000175	2.03E-05	-0.00971859	0.001567	-0.01019	0.013224
0.000251	0.000378	0.022279784	-0.00809	0.030362	-0.01583
0.000178	5.98E-09	0.027717254	-0.01188	0.019877	-0.01336
0.000114	2.44E-05	0.043767879	0.00331	-0.01366	0.010685
0.000808	0.000162	-0.02122094	-0.01535	0.008947	-0.02843
9.32E-06	4.25E-05	0.011799458	0.033422	0.045108	-0.00305
8.83E-08	0.000497	-0.02881545	-0.03738	-0.01356	0.000297
0.001081	1.62E-05	-0.0829166	-0.02715	-0.06461	-0.03288
0.001145	3.82E-05	-0.01763881	0.014625	0.006661	0.033842
7.36E-05	4.25E-06	-0.01706365	-0.01231	0.011248	-0.00858
5.26E-06	0.000152	-0.01675661	-0.02156	-0.03217	-0.00229
0.00013	0.000384	0.015470835	0.005323	-0.03266	-0.0114
2.31E-05	0.000199	-0.01646609	-0.01122	-0.04057	-0.00481
0.000603	4.13E-05	-0.02354147	0.000868	-0.01044	-0.02456
0.000319	5.98E-09	-0.00251715	0.004188	-0.00836	-0.01787
4.32E-05	6.08E-05	0.001336009	0.005323	0.010742	0.00657
8.31E-05	0.000258	0.053912609	0.025994	0.022394	0.009116
9.84E-05	1.07E-05	-0.03013719	-0.02784	-0.00432	-0.00992
0.001576	3.37E-06	0.056457273	0.013252	0.034847	0.039698
0.000625	9.52E-05	0.046808769	-0.00034	0.021229	0.025001
5.1E-05	4.01E-05	-0.03071092	-0.0087	0.007709	-0.00714
0.000342	4.26E-05	0.02987348	0.008307	0.020222	0.018492
0.011938	0.002593	0.083017809	0.034652	0.097328	0.109262
0.013854	0.001646	-0.07526764	-0.0265	-0.02831	-0.1177
0.000186	6.38E-05	-0.0722512	-0.00148	-0.01512	-0.01363
0.001508	5.98E-09	0.070218062	0.004084	-0.00193	-0.03883
7.19E-05	0.000301	-0.02017636	0.003759	-0.02951	-0.00848
0.000606	3.68E-05	0.000876344	-0.00916	-0.00637	0.024615
8.67E-05	6.17E-05	-0.06159375	-0.0054	-0.00227	0.009314
0.00015	0.000192	0.023592915	-0.02061	-0.03037	-0.01224
0.00058	7.96E-05	0.04271838	0.037482	0.061023	0.024076
0.000451	0.002621	0.03603546	0.017328	0.041659	0.021243



0.000265	3.03E-06	0.049184546	0.000699	-0.00871	0.016282
0.000836	0.000383	0.045389236	0.010474	0.017251	0.028906
0.000103	8.39E-05	-0.08157866	-0.00608	-0.05856	-0.01014
0.003877	4.35E-05	-0.13033926	-0.03413	-0.1275	-0.06227
0.000229	0.003738	0.083087344	0.034856	0.018291	-0.01514
0.001091	1.32E-05	-0.0972711	-0.01759	-0.02374	-0.03303
0.001365	0.000478	0.057369874	0.028255	0.043169	0.036949
0.000315	4.83E-05	0.121207831	0.01173	0.034929	-0.01776
0.00027	8.08E-05	0.038327403	-0.02245	0.1133	0.01644
0.00036	5.98E-09	0.003478446	0.016415	0.074072	0.018966
0.002455	0.000346	-0.03262788	0.021639	0.050079	0.049552
0.003908	0.000556	0.094552511	0.03239	-0.00389	0.062512
0.000435	7.12E-08	-0.04286514	-0.01385	-0.00509	0.020847
0.000357	3.91E-06	-0.05521611	0.007249	-0.01225	-0.01889
0.000846	7.59E-07	-0.01181932	0.016244	-0.00143	0.029088
0.00025	5.28E-05	0.057755974	-0.00778	0.025635	-0.01582
0.000128	1.23E-08	0.064442904	-0.01265	0.032852	0.011322
0.000331	5.47E-05	0.025535235	-0.00885	-0.03581	-0.0182
0.000977	0.006382	-0.06352682	-0.02192	-0.02674	-0.03126
0.000128	7.66E-05	-0.03155393	0.010853	-0.02538	0.011293
0.000494	3.55E-05	0.039909305	0.038882	0.007754	-0.02223
6.9E-05	0.000138	0.066238117	0.012588	-0.01412	-0.00831
0.000845	5.52E-06	0.082059552	0.002338	0.056524	-0.02907
1.14E-05	1.29E-05	0.007075702	-0.01791	0.015425	0.003384
0.00063	6.39E-08	0.058167074	0.035062	0.053438	0.025092
0.003543	2.75E-06	0.018928135	0.010603	0.044916	0.059527
0.001635	2.81E-06	0.046590128	-0.02635	-0.03355	-0.04043
0.000645	5.98E-09	-0.00053499	0.005072	-0.04927	-0.0254
0.00916	9.13E-07	-0.00205864	-0.00023	0.034112	0.095706
0.011445	6.4E-07	0.120271237	0.053619	0.137051	0.106982
0.000639	0.000422	-0.02641391	0.003188	0.039773	0.02528
2.42E-05	0.000446	0.024017372	0.005408	-0.00023	0.004921
0.009722	6.39E-08	-0.10585076	-0.03361	-0.14496	-0.0986
0.000218	7.73E-05	-0.00693405	-0.01594	-0.05023	-0.01476
0.001297	5.98E-09	-0.07604194	-0.00531	0.007329	-0.03601
0.004552	0.000113	0.025613117	0.012828	0.090432	0.06747
0.004461	1.17E-05	0.093936038	0.011784	0.053318	0.066791
0.005211	0.000114	0.373803465	0.006353	0.13256	0.072186
8.99E-06	7.56E-05	-0.07611956	0.006669	-0.10737	-0.003
0.004047	6.39E-08	0.092505009	0.023314	0.183828	0.063613
0.000135	9.62E-09	0.142376988	0.018822	0.056549	0.01164
0.000211	0.001133	-0.00227919	0.00616	0.051796	-0.01453
3.08E-05	0.000294	0.161327403	-0.01285	0.033637	0.005547
5.22E-06	2.17E-06	0.120613117	0.028628	0.028461	0.002284
1.01E-05	1.68E-06	-0.01513491	-0.00469	0.051497	-0.00317
0.000137	9.05E-06	0.041596724	0.036402	0.041533	0.011687
0.003801	0.000709	0.089898831	0.024959	0.060249	0.061649
0.000614	0.000948	-0.04212193	0.004369	-0.00449	0.024777
0.001137	0.000524	-0.05201846	0.013922	-0.01471	0.033714
9.37E-05	0.000457	-0.06491352	-0.03055	-0.00949	-0.00968

0.000614	1.76E-05	0.018951844	0.024497	0.048826	0.024789
7.38E-06	0.000149	-0.03073485	-0.02876	-0.0244	0.002717
0.000861	0.000199	0.06394645	-0.01793	-0.01425	-0.02934
0.001534	0.001144	-0.07900704	-0.00317	0.002115	0.039169
2.17E-06	0.00107	-0.06306242	-0.00023	0.025229	0.001473
0.000586	0.000648	0.004802677	-0.00023	0.029446	-0.0242
0.003513	0.001467	-0.03226633	-0.02041	-0.01963	-0.05927
7.42E-05	0.000124	-0.00091228	0.034045	0.000744	-0.00862
0.002861	1.94E-05	-0.15264122	-0.02777	-0.05527	-0.05349
0.00421	0.000162	0.040134425	0.069535	0.054441	0.064885
5.57E-05	0.000307	-0.06332131	0.028476	-0.06068	-0.00746
0.026554	0.002726	-0.06140636	-0.07409	-0.15957	-0.16295
0.001705	0.000429	-0.02388688	-0.02049	-0.06558	-0.04129
2.62E-05	5.98E-09	0.005638243	0.00559	0.008782	-0.00512
0.000744	5.98E-09	-0.01375043	-0.00889	-0.04267	-0.02728
0.000438	3.26E-05	-0.05327629	-0.00597	-0.08891	-0.02094
0.000122	0.001122	0.067613117	-0.0239	0.006102	-0.01103
5.7E-05	0.004559	0.064442904	0.060698	0.04613	0.007549
1.96E-05	5.8E-05	-0.07053313	0.004096	0.023502	-0.00443
0.001501	0.00012	-0.05799153	-0.04309	-0.07835	-0.03875
0.000492	0.000208	-0.01540519	-0.01432	0.009236	0.022181
0.000145	8.94E-05	0.012187191	-0.02763	-0.00369	-0.01206
0.002081	0.000309	-0.11414098	-0.03334	-0.01692	-0.04562
0.000639	2.28E-06	-0.10199814	-0.00812	0.001321	-0.02528
5.59E-06	0.000559	-0.02062518	-0.01512	-0.02469	0.002363
0.004347	0.002726	-0.0097182	0.022947	0.0576	0.065933
3.09E-05	5.98E-09	-0.01723153	-0.00023	0.022649	-0.00556
0.000399	0.000305	0.041778873	0.022803	0.073457	0.019987
0.002387	7.3E-05	-0.04955989	-0.02662	-0.01407	-0.04885
0.000909	3.26E-06	-0.01303876	-0.01325	-0.02388	-0.03015
0.000143	0.000252	-0.1350801	-0.02313	-0.03291	-0.01196
3.11E-05	0.000645	-0.04794147	-0.0128	-0.11737	-0.00558
0.001394	7.27E-05	-0.00246467	0.001908	-0.10922	-0.03733
0.001086	5.98E-09	0.024975398	0.002672	0.045191	0.032951
0.004197	1.25E-05	-0.01379366	-0.00275	0.002738	-0.06479
0.003247	2.72E-06	-0.04107611	-0.02957	-0.02647	-0.05699
6.43E-05	8.71E-05	-0.03990636	-0.01824	-0.03322	-0.00802
6.27E-07	0.001154	-0.01144744	-0.00023	-0.01102	-0.00079
0.000107	9.32E-06	0.002412603	0.035837	-0.03113	-0.01033
0.00015	0.00025	-0.05749826	-0.02356	-0.00265	-0.01223
0.001471	0.000861	-0.07544952	-0.0214	-0.04097	-0.03835
5.95E-07	0.000358	0.041358169	0.032303	0.023611	-0.00077
2.93E-05	0.000397	0.048174093	0.006566	0.000727	0.005415
0.000524	0.001084	0.072508542	0.025116	0.014543	0.022886
0.001514	6.85E-05	0.016549372	-0.00125	0.017014	-0.03891
0.001537	0.000565	-0.00071314	0.012332	0.027621	0.039206
8.05E-05	0.001462	-0.00466393	0.034113	0.074603	0.00897
5.4E-05	0.000375	-0.05188688	-0.04216	0.045292	0.007349
9.66E-05	0.000175	-0.05151958	-0.015	-0.01838	0.009826
0.000422	2.93E-07	0.055613117	-0.00285	-0.00578	0.020531

0.00222	0.000105	0.111724228	0.004787	-0.03766	-0.04711
0.000107	0.000914	0.041677316	0.015054	-0.01342	-0.01035
0.005201	5.98E-09	0.063631869	0.035388	-0.06211	0.072119
0.002121	0.006492	-0.03410498	-0.04037	-0.06004	-0.04606
0.00019	0.000272	-0.00821041	-0.02215	-0.01127	-0.01378
0.003124	5.98E-09	0.013120562	0.009018	0.010238	0.05589
1.3E-05	9.61E-06	0.080355882	-0.00644	0.010349	-0.00361
8.32E-05	0.000786	0.09568354	0.065993	0.062195	0.00912
0.000161	1.78E-06	-0.00324518	-0.01831	-0.03049	-0.0127
0.000265	8.45E-06	-0.00600709	0.018178	0.035899	0.016278
5.65E-05	0.000104	-0.01651017	0.00309	-0.02566	-0.00751
0.000937	4.34E-08	0.02517452	-0.00235	-0.0381	-0.03061
0.000772	0.002502	0.01847026	-0.03443	-0.02411	-0.02778
0.000428	0.000146	-0.01693074	0.03394	0.010214	-0.0207
0.00634	0.002822	0.198092109	0.034014	0.05382	0.079623
4.43E-05	0.000238	0.051849866	-0.02299	0.01065	0.006657
0.003578	0.000822	0.063523915	0.05188	0.078439	0.059816
0.002605	0.000443	0.005330098	0.067437	0.056111	0.051037
9.73E-05	0.000219	-0.12443847	-0.01359	0.022827	-0.00986
0.00649	0.000321	-0.07809411	-0.04758	-0.06239	-0.08056
0.002044	0.000403	-0.06010117	-0.01348	0.010702	0.045213
0.000994	2.74E-06	-0.15854604	-0.081	0.005267	-0.03153
0.000358	0.001554	-0.00506022	0.049566	0.033864	0.018933
0.001298	6.96E-05	-0.11783911	-0.0353	-0.12264	-0.03603
0.005122	1.15E-05	-0.12242474	-0.04252	-0.10909	-0.07157
0.000603	4.24E-05	-0.09688688	-0.04195	-0.0913	-0.02456
0.000855	0.000646	0.026254143	0.04747	-0.00204	-0.02925
0.000196	0.00151	0.011412253	0.020415	0.014292	0.013998
0.000134	0.001057	-0.05448892	-0.05834	-0.02223	-0.01156
0.000289	0.000167	0.01133919	-0.04276	-0.00421	-0.01699
0.004518	0.000805	-0.0846699	0.050492	-0.03149	0.067219
0.004512	0.000133	0.148544674	0.015719	0.034104	0.067168
0.006519	3.34E-06	0.049931299	0.04464	-0.04594	0.080737
0.003388	0.001058	0.152445578	0.106151	0.213646	0.058208
0.009698	6.41E-05	-0.08769237	0.215285	0.058524	0.098478
0.002686	0.002307	0.048113117	-0.1123	-0.09043	-0.05183
0.012492	0.002022	-0.22268785	-0.13277	-0.12686	-0.11177
2.1E-05	0.001403	-0.14814721	0.003768	-0.01442	-0.00458
0.000428	9.05E-05	-0.09626701	-0.0674	-0.06597	-0.0207
0.006316	0.00054	0.000463863	0.042569	0.009176	0.079473
2.5E-09	0.000171	0.047488117	0.02096	0.052505	-5E-05
0.031232	1.28E-08	-0.11430875	-0.03833	-0.16189	-0.17673
0.004894	8.75E-05	-0.00200757	-0.05229	-0.03771	-0.06996
0.00323	0.007418	-0.09200265	-0.11001	-0.1205	-0.05683
0.005732	0.025625	0.258880834	0.091434	0.211894	0.075713
0.002599	0.001566	0.294419148	0.096434	0.151877	0.050984
0.02737	0.007011	-0.33190422	-0.14178	-0.23558	-0.16544
5.62E-05	0.000505	0.081936646	0.02701	-0.02964	0.007497
0.000234	0.001756	-0.11627	-0.02351	-0.06075	-0.01529
0.000892	0.000204	-0.00839589	-0.00673	-0.07678	0.029864

0.008532	0.001522	-0.22931751	-0.11792	-0.06266	-0.09237
3E-05	0.000251	-0.1295593	-0.04745	0.02047	-0.00547
0.000234	0.000674	0.011066079	-0.01931	0.007034	-0.0153
0.003557	0.000338	0.012066861	0.02682	-0.00093	0.059641
0.002329	0.000334	-0.02764031	0.025605	-0.04772	0.048259
0.004713	0.000713	0.007509669	-0.0424	-0.05869	-0.06865
0.000648	0.000762	0.000613117	-0.01469	-0.04943	-0.02545
0.002553	0.000171	0.000613117	0.007047	-0.0042	0.050524
5.05E-07	5.33E-05	0.011066079	0.01736	0.013886	-0.00071
0.000201	1.43E-05	-0.02650553	-0.02638	-0.02768	-0.01418
0.001308	0.00029	-0.02337365	0.031396	-0.02228	-0.03617
0.011754	3.86E-06	0.139031196	0.068356	0.202772	0.108416
0.00457	1.49E-05	-0.10318435	-0.02919	0.019773	0.0676
0.000102	0.000239	0.053010986	0.02551	-0.01848	-0.01012
0.001567	9.58E-05	-0.08170147	-0.02908	-0.03501	-0.03958
0.000122	0.001392	0.00470477	-0.03189	-0.03675	-0.01103
0.002912	2.28E-05	0.027503873	0.013932	-0.01806	-0.05397
0.000535	2.3E-05	-0.02716466	0.026926	-0.05195	-0.02312
0.0014	0.00034	-0.05784842	-0.05696	-0.04367	-0.03742
4.97E-05	0.000228	0.002926147	-0.04648	-0.00688	0.007052
0.001611	3.06E-05	0.034079252	0.00327	0.085428	0.040135
0.0003	0.001293	-0.02273319	-0.05643	-0.04082	-0.01733
8.69E-05	3E-05	-0.03103722	-0.00353	-0.00711	-0.00932
3.52E-05	7.44E-05	-0.01423469	-0.00352	-0.02888	0.00593
0.001569	0.00021	0.014920346	-0.04118	0.037434	0.039616
7.03E-05	9.59E-07	-0.00089064	-0.00415	-0.00516	0.008385
1.48E-05	0.001334	0.008188875	0.025512	0.019893	0.003853
9.79E-06	9.05E-05	0.01210737	0.003807	0.038435	-0.00313
2.44E-05	0.001199	0.013811875	-0.00425	0.001343	0.004943
3.38E-05	0.00111	0.015585536	-0.00583	-0.00408	-0.00581
0.000187	5.98E-09	-0.00952729	-0.00023	-0.01034	-0.01368
0.00031	2.53E-06	0.001393757	-0.0058	0.031722	0.017597
9.4E-06	6.52E-05	0.020517576	0.013477	-0.00972	0.003066
0.000278	2.17E-05	-0.03840754	0.012013	-0.01906	-0.01667
0.000431	0.000249	-0.03835747	-0.00511	-0.02318	-0.02077
3.17E-05	0.000364	-0.0181459	0.000581	-0.0269	-0.00563
5.08E-05	7.65E-06	0.054605512	-0.0075	0.021084	0.007124
5.55E-05	4.57E-05	0.008275952	0.004634	-0.01916	0.007447
5.23E-06	0.000126	0.001379988	0.028125	-0.03543	-0.00229
8.77E-05	5.98E-09	0.015399109	-0.00932	-0.0143	0.009367
3.88E-05	0.000247	-0.00249006	-0.01729	0.020846	0.006228
0.000914	0.001271	0.004507198	0.012103	0.006523	-0.03024
0.00162	0.00109	0.022906111	0.001415	0.008528	-0.04025
2.07E-05	0.001177	0.025082938	-0.01163	0.01458	0.004552
0.00057	8.92E-05	-0.02482408	-0.03254	0.038747	0.02388
8.71E-05	0.000254	0.010243936	0.004518	-0.00278	-0.00933
9.62E-05	0.00055	-0.01440665	0.002149	-0.01085	0.009809
0.000222	5.98E-09	-0.04825906	0.007768	-0.02587	0.014913
0.001235	0.001167	0.062913436	0.009461	0.014889	0.035141
3.69E-05	0.001053	-0.01278326	-0.00745	-0.00827	-0.00608

0.000356	8.17E-05	-0.01718874	0.026105	0.006773	-0.01887
0.001225	0.000996	0.031738416	-0.00351	-0.01501	-0.035
5.54E-06	0.001971	0.00703882	-0.04265	-0.00513	0.002355
0.000269	0.001173	0.068366119	-0.021	0.094193	0.016392
4.74E-05	0.000112	0.009263636	0.015393	-0.05114	-0.00688
1.18E-05	0.001083	0.000613117	0.003689	0.04501	0.003428
0.000251	0.000118	-0.00283516	-0.03505	0.00782	0.015834
0.005001	0.000116	0.007557561	0.006628	0.1201	0.07072
1.44E-05	1.02E-06	-0.03938688	-0.02331	0.002062	0.003789
0.001018	3.06E-05	-0.04776119	-0.0032	-0.06343	-0.03191
5.24E-05	0.000999	-0.00803468	0.01255	0.006591	-0.00724
0.000157	0.000431	-0.02092534	0.00052	-0.0497	-0.01253
9.19E-05	0.00767	-0.0032183	-0.00547	-0.02334	0.009585
0.002235	0.003697	-0.02912666	0.00807	0.052773	0.047279
0.000514	0.001089	-0.00309059	-0.00772	-0.01984	-0.02267
0.006502	0.002372	0.019481041	0.008076	0.004369	0.080633
1.18E-05	0.004132	0.005162018	-0.04289	-0.02081	-0.00344
0.000697	1.8E-05	-0.01652548	-0.00095	0.002999	-0.0264
0.000122	6.9E-07	0.021922097	0.017415	0.027397	0.011057
0.002023	0.000442	-0.04721297	0.01092	-0.0478	-0.04498
0.000365	5.98E-09	-0.0164809	0.018707	-0.00837	0.019092
0.000214	0.000119	-0.01065449	0.031018	-0.01665	-0.01461
0.00071	0.000116	0.015623839	-0.03419	-0.03107	-0.02665
0.000393	2.56E-06	-0.03919471	0.003556	-0.00023	0.019817
0.001677	0.001087	-0.02675671	-0.02028	-0.02733	-0.04096
0.000332	0.001626	-0.03913047	0.008757	-0.00791	-0.01822
0.001141	0.004351	-0.02194327	-0.01789	-0.03276	-0.03378
0.00107	5.98E-09	0.010739699	0.028534	-0.02998	-0.03271
0.001564	3.08E-05	0.001246429	0.012028	-0.02485	-0.03955
0.000688	0.000897	0.022619589	0.00749	0.041936	0.026235
0.000607	1.98E-05	0.009098757	-0.00254	0.009023	0.024646
0.000226	1.38E-05	-0.0129091	-0.0033	-0.01571	-0.01504
3.05E-05	0.001342	0.002548601	-0.00329	0.033671	0.005522
1.17E-05	2.61E-06	-0.01149651	0.001302	-0.01871	-0.00342
0.000143	0.001126	-0.01753457	-0.00253	-0.01838	-0.01197
6.38E-05	0.000123	-0.02440214	-0.00252	-0.01542	-0.00799
0.000122	2.19E-05	-0.0150025	-0.00328	-0.03723	-0.01104
3.42E-05	3.09E-05	0.009704026	0.015224	-0.00622	0.005851
4.82E-05	0.000579	-0.02305552	-0.01545	-0.0301	-0.00695
5.8E-05	1.08E-05	-0.00292462	-0.01226	-0.01495	-0.00762
5.6E-07	6.47E-08	-0.01619848	0.005059	0.009682	0.000748
0.000221	0.001914	0.029235657	-0.00249	0.003087	0.014855
0.000319	0.00055	0.0060088	0.022127	-0.01331	-0.01787
0.000362	3.54E-05	0.025183142	-0.00254	0.049558	0.019017
0.001933	0.000192	0.011793241	-0.0191	0.004083	-0.04397
8.01E-05	0.000681	-0.01407477	-0.00324	-0.01551	0.008948
3.39E-05	1.59E-05	0.026350719	-0.00473	-0.00781	-0.00582
1.55E-05	0.000186	0.003761732	0.014977	0.009986	-0.00394
0.001654	2.76E-05	0.006312927	-0.01374	-0.02915	-0.04067
0.000144	5.98E-09	-0.00630512	-0.01282	-0.00842	0.011996

0.000629	0.000317	0.010136926	0.010247	-0.00186	0.025074
0.000851	0.00017	-0.00819746	0.023523	0.021512	0.029175
0.000248	1.87E-07	-0.00626188	0.047119	0.004815	-0.01574
0.000894	1.9E-05	0.013912674	0.016911	0.007393	-0.0299
4.82E-08	5.98E-09	-0.04241719	0.002223	0.004024	-0.00022
0.000691	3.98E-05	-0.00301007	-0.01076	0.003186	0.026281
7.37E-05	0.001966	-0.01950523	-0.01773	-0.03562	-0.00859
0.002915	1.09E-05	0.000613117	0.012661	0.007235	0.053991
0.000131	0.00023	-0.00585367	0.00544	-0.00927	0.011463
4.37E-05	2.76E-05	-0.03290961	0.007115	-0.02741	-0.00661
0.000566	0.000279	0.057035686	0.020601	0.054579	0.023801
2.92E-06	0.000181	0.079628661	-0.0142	0.058701	-0.00171
1.03E-05	0.000268	-0.0039001	-0.00269	-0.00556	-0.00322
3.85E-08	1.14E-05	0.006449693	-0.00105	0.025274	-0.0002
1.12E-05	9.46E-05	0.005173378	-0.00755	0.026901	0.003341
3E-05	0.000165	0.037775279	0.003849	-0.00116	-0.00547
0.000138	0.000271	0.021302772	0.009661	0.000708	0.011763
6.14E-06	0.001003	-0.00282331	-0.01405	-0.01224	-0.00248
4.92E-07	6.08E-05	0.010328592	0.012113	-0.00299	-0.0007
0.000311	0.000161	0.044816016	0.02595	0.018552	0.01764
0.000174	0.013615	-0.02274145	0.010869	0.009251	-0.0132
2.44E-05	5.98E-09	0.015699324	-0.0195	0.027037	0.004938
1.98E-05	5.56E-05	0.010772769	-0.01182	0.016604	0.004449
0.000278	3.02E-05	-0.00372214	-0.00353	-0.011	-0.01667
0.000529	0.000692	-0.02815881	0.00391	-0.01944	-0.023
0.000105	4.65E-05	-0.02335949	-0.00926	-0.04867	-0.01026
0.000435	9E-05	0.007509669	-0.00999	0.012736	0.020855
0.000123	9.47E-05	-0.02492452	0.007965	-0.01212	-0.01111
0.000179	0.000235	0.021189249	0.008032	0.026064	0.013378
0.000147	1.4E-06	0.020193537	-0.00188	-0.00304	-0.01212
3.37E-05	2.18E-06	0.014797514	-0.0027	-0.02399	0.005802
0.000218	1.75E-06	-9.56E-05	-0.01403	0.043666	0.014781
0.001044	4.72E-05	0.033556016	0.011262	-0.00213	0.032318
0.000484	0.000201	0.020016102	-0.00838	-0.00873	-0.02199
7.87E-05	0.011235	-0.01409277	0.0113	0.048288	0.008871
1.09E-07	0.00015	-0.00813324	0.004735	0.058473	0.000329
0.000248	6.13E-05	-0.01868638	-0.01007	-0.00336	-0.01575
7.33E-05	0.000231	-0.00223792	-0.00917	0.017858	0.008561
0.000194	0.000553	0.021719376	0.004666	0.012267	0.013913
0.001107	0.000112	-0.00589448	-0.01233	-0.01561	-0.03328
8.8E-06	2.2E-05	0.045175051	0.008718	0.025779	-0.00297
0.001507	0.001013	0.012845533	0.023934	0.022361	0.038819
0.000955	0.001341	-0.03121516	-0.01501	-0.03905	-0.0309
3.6E-05	0.000182	0.031910827	0.005548	0.004609	-0.006
1.49E-05	2.14E-05	-0.03259722	-0.01568	-0.02486	0.003861
6.8E-05	0.000992	0.000613117	0.014619	0.020094	-0.00824
0.002365	0.002011	0.027906521	0.039219	0.032694	0.048629
0.000257	0.000214	0.008252536	0.00494	-0.00877	-0.01603
0.000291	0.001779	-0.04738688	-0.01718	-0.01745	-0.01705
1.82E-05	0.000187	0.007939124	-0.01608	-0.00664	-0.00426

0.000155	3.79E-09	-0.02089226	0.010729	0.038662	0.012439
0.0018	3.21E-05	-0.07676784	-0.02007	-0.02904	-0.04242
6.21E-07	7.33E-06	-0.05379589	-0.01248	-0.04683	0.000788
0.000165	7.29E-06	-0.01840529	-0.00349	-0.02039	0.012829
0.000321	0.000186	0.013035477	-0.00105	-0.00123	0.01792
1.8E-06	0.000172	-0.01226242	-0.02015	-0.00623	0.001341
9.63E-05	3.47E-06	0.017446035	0.0078	0.030201	-0.00981
0.000523	0.000517	0.012600499	0.016925	0.013894	0.022868
0.000115	3.09E-05	-0.01735466	-0.01631	-0.01364	-0.0107
0.000157	0.000256	-0.00493217	0.002994	-0.01246	0.012539
3.71E-05	8.66E-05	-0.0281122	-0.01611	-0.0053	0.006088
7.41E-07	4.72E-05	-0.01062949	-0.00418	0.020477	0.000861
0.000241	0.000305	0.039973511	0.004533	0.009177	0.01551
0.00012	0.000103	-0.01393234	-0.01278	-0.01373	-0.01097
0.000124	1.68E-05	-0.01431226	0.000553	-0.00012	-0.01112
0.00243	7.29E-06	0.003607129	0.030512	0.049556	0.049293
0.000133	5.98E-09	0.023897431	0.017052	0.033908	-0.01153
2.26E-05	0.000719	0.008020524	0.0039	0.009377	-0.00475
0.000148	0.001208	-0.01097932	-0.00023	-0.02394	-0.01215
0.001147	0.001101	-0.01084647	-0.00924	-0.02234	-0.03387
0.000673	5.33E-05	-0.05303985	-0.00996	-0.00559	0.025937
0.000807	0.000376	0.005200273	-0.01225	-0.02635	-0.0284
1.82E-06	4.49E-05	0.051848801	0.035452	0.005025	0.001351
0.003605	0.000414	0.025319726	0.0253	0.049387	0.060043
2.36E-06	5.98E-09	-0.01219176	-0.03712	-0.03738	-0.00154
0.002018	4.58E-05	0.032059658	0.016434	0.011588	-0.04492
0.001612	0.000294	0.008856617	0.006479	-0.00652	0.040148
0.000587	0.000121	-0.0442082	-0.02955	-0.07626	0.024233
0.001501	0.001148	0.016613117	0.036055	-0.02989	0.038745
0.006652	0.001478	0.059245039	0.098007	0.072668	0.08156
0.002963	0.000452	-0.0278679	-0.06279	-0.01738	-0.05443
0.000539	0.000421	-0.03302603	-0.01479	-0.02675	-0.02322
0.001337	0.002556	-0.07722106	-0.05218	-0.03985	-0.03657
0.000504	0.002085	0.035639387	0.01376	0.008336	-0.02246
0.004414	0.000133	-0.03864656	0.002243	-0.01798	-0.06644
0.001558	0.000955	-0.0366439	0.006412	-0.00488	-0.03947
5.95E-05	4.78E-05	-0.00154206	-0.02612	-0.04467	-0.00771
8.2E-06	3.82E-05	-0.01267769	-0.027	0.019718	-0.00286
0.000111	0.00078	0.020125312	-0.00493	0.022964	0.010541
0.000648	0.000196	-0.03594041	-0.03721	-0.00942	-0.02545
0.001548	0.002573	-0.00095101	-0.02525	-0.04164	-0.03935
0.000988	6.03E-06	-0.00817241	0.004945	-0.00374	0.031429
2.09E-06	3.14E-09	-0.00911053	-0.03383	-0.05106	0.001445
0.000388	0.000207	-0.02724758	0.005519	-0.01743	-0.01971
5.42E-05	0.001822	-0.03443249	0.009202	-0.04632	-0.00736
7.52E-05	0.000301	-0.00748212	0.010032	-0.01561	-0.00867
0.000384	5.98E-09	-0.00928787	-0.00679	0.007525	0.019599
0.000195	0.000225	0.000141863	0.039919	0.02521	0.013976
1.07E-05	6.29E-05	0.030710204	-0.04579	0.014289	-0.00328
0.000362	5.75E-05	0.0209202	0.010733	-0.00823	0.019023

4.65E-05	5.86E-06	-0.02637483	-0.01606	0.009466	0.006816
8.2E-06	0.001243	0.007405936	0.014366	0.016193	-0.00286
0.000368	0.001317	0.010412235	-0.01745	-0.02816	-0.01917
0.000126	7.98E-05	0.025726126	-0.00166	-0.0042	-0.01123
0.0004	0.000102	-0.02340649	-0.01505	-0.03992	-0.01999
0.000253	0.000948	0.003070119	0.007591	0.007465	0.015907
0.000128	0.000147	0.007540381	-0.01564	-0.02498	-0.01131
0.000312	5.98E-09	-0.00431057	0.00682	-0.00322	0.01767
0.001216	0.00014	-0.00379865	0.011902	0.034602	0.034875
0.000653	0.000884	0.000613117	0.032192	0.015496	0.025546
0.000409	2.57E-05	0.008020524	0.018537	0.009297	0.020215
0.000324	0.000252	0.033776382	0.012696	-0.04278	-0.01799
0.000404	0.000404	0.023043999	-0.00928	-0.00326	-0.0201
5.22E-05	0.000382	0.012222616	-0.00099	0.039143	0.007227
3.19E-06	0.000145	-0.00306722	0.000521	0.04161	0.001785
0.000215	0.00165	0.017725416	-0.02234	0.03722	0.014666
0.000687	1.52E-09	-0.02390436	-0.01332	-0.03315	-0.02621
1.05E-05	0.001408	9.17405E-05	-0.00386	0.017361	0.003247
0.000292	0.000683	0.004276121	0.017467	-0.00523	0.017096
3.23E-05	2.7E-06	0.02035698	0.020852	-0.00023	-0.00568
0.000602	0.000342	-0.01307109	-0.00249	-0.04023	-0.02454
0.001354	2.11E-05	-0.00305757	0.011166	0.002179	-0.03679
5.27E-07	0.000111	0.001137776	-0.00702	-0.04832	0.000726
2.48E-05	0.000203	-0.02941233	-0.00474	0.011356	0.004981
0.000343	0.000846	-0.01045885	0.016575	-0.05497	-0.01852
0.00025	0.000129	0.040927253	0.008242	-0.01248	0.015803
7.44E-05	4.11E-05	-0.0198997	-0.03158	0.031	-0.00862
4.59E-08	0.000353	0.019954466	-0.02992	0.007263	-0.00021
5.21E-07	0.000168	-0.03952737	-0.00671	-0.02932	0.000722
0.000496	0.000277	-0.02338297	0.004103	-0.02228	0.022279
5.74E-05	0.000896	-0.01671123	-0.01867	-0.02384	-0.00757
4.53E-05	0.000643	-0.04310524	0.021507	0.011009	0.006729
0.000213	0.003431	-0.02319641	0.007803	-0.02422	-0.0146
9.59E-05	1.62E-05	0.006942231	0.006385	-0.03592	-0.00979
5.49E-05	5.25E-05	0.015292016	0.011673	-0.00483	-0.00741
2.01E-07	2.77E-05	-0.01296154	-0.01706	0.006395	-0.00045
3.53E-06	3.96E-06	0.028520094	-0.01109	-0.02666	0.001878
8E-05	0.000174	0.041271394	0.031111	0.008225	0.008942
2.01E-07	3.84E-06	0.009402179	0.028954	0.008297	-0.00045
7.78E-06	0.000132	-0.01049263	0.024965	-0.01253	-0.00279
1.56E-05	0.0004	0.036113117	0.013335	-0.00217	-0.00395
0.00031	8.84E-05	-0.00436201	0.005386	0.004318	0.017609
0.000102	0.000629	-0.02554967	-0.01134	-0.02307	-0.01009
0.00022	1.71E-05	0.002554865	-0.00732	0.005516	-0.01483
3.38E-06	1.19E-06	-0.00325535	-0.00102	-0.00531	-0.00184
4.6E-05	0.001363	0.009393605	-0.00727	0.002319	0.006783
0.000572	0.000422	0.021529452	-0.01029	-0.01835	-0.02391
0.000378	0.000218	0.025102913	0.013101	0.001024	-0.01944
7.17E-06	2.28E-05	-0.00446303	0.005288	-0.00148	-0.00268
7.14E-06	2.5E-05	0.016600739	0.01498	0.002908	-0.00267



2.43E-06	0.000342	0.026539043	-0.01366	0.00799	-0.00156
3.17E-06	0.000272	0.011308304	-0.00651	-0.00338	0.001779
7.29E-05	0.000895	0.021355475	0.020601	-0.01451	0.008541
0.000408	1.28E-05	0.004448733	0.006219	0.019405	0.020194
3.43E-06	0.00072	-0.00157387	0.019505	0.030452	0.001851
0.000805	0.000165	-0.00805897	-0.00677	-0.00023	-0.02838
4.07E-06	1.07E-05	0.019950134	0.006347	0.030035	0.002016
4.17E-05	0.000926	0.002827956	0.020759	0.000446	-0.00646
0.000458	3.49E-05	-0.02052509	-0.00856	-0.00157	0.021395
8.86E-06	5.28E-07	0.014349381	0.037797	0.005178	0.002977
0.000134	0.000129	0.000613117	0.016464	-0.00694	0.011567
0.000173	0.000402	-0.00810148	0.012223	-0.02125	0.013135
7.75E-06	1.75E-05	-0.01122757	0.010559	-0.00154	-0.00278
6.08E-05	0.000316	-0.01056304	0.003378	0.009713	0.007797
6.19E-05	2.26E-06	0.005963572	0.007041	0.051341	0.007866
2.67E-06	0.000301	0.00329552	-0.00023	0.004675	-0.00163
7.48E-05	0.000753	0.008180685	-0.00566	-0.01743	0.00865
6.75E-06	0.00141	-0.01272022	0.005222	-0.01781	-0.0026
0.000159	0.000102	0.028010377	0.008942	0.012786	0.012621
9.6E-05	3.15E-08	-0.02030963	-0.00932	-0.005	-0.0098
0.000119	0.000104	-0.00259544	0.010797	0.011497	-0.01089
0.000321	0.000304	0.019686686	0.004385	0.003928	-0.01793
0.000352	0.000366	-0.00749499	0.000692	-0.02718	-0.01875
0.000251	7.88E-06	-0.01795452	0.009096	-0.01745	0.015831
0.000537	0.000338	-0.00518857	0.000702	-0.00681	-0.02318
0.000262	5.05E-06	0.019967956	-0.02036	0.02819	0.016188
0.0005	0.000148	0.021469319	0.013682	0.012102	-0.02237
0.000847	0.0001	-0.00375847	0.000696	0.017194	0.029101
0.000813	0.00022	0.02410305	0.018689	-0.02004	0.02852
9.43E-05	0.000103	-0.01534726	-0.01698	-0.01503	0.009709
2.01E-07	0.000105	0.01797034	-0.0158	-0.01285	-0.00045
0.000422	0.002868	0.003983903	0.000684	0.020112	0.02054
0.000388	9.49E-06	-0.01159554	0.000685	0.010739	0.019703
0.000714	0.000494	0.024476753	0.0109	0.022914	0.026719
0.000227	0.000506	0.029852883	0.016749	0.016891	0.015054
0.000139	5.4E-06	0.022729076	0.016067	-0.01637	0.011786
0.000184	0.000122	-0.01411009	0.012389	-0.01064	-0.01357
3.21E-05	0.000451	0.023504683	0.009572	0.010299	-0.00567
0.000966	1.28E-07	-0.05351794	-0.05051	-0.05023	-0.03107
0.000104	0.000255	-0.01674411	-0.02031	-0.01791	-0.01022
1.37E-05	0.000268	-0.0313652	0.004351	0.002399	-0.0037
4.81E-06	1.01E-05	0.022773782	0.027075	0.01443	-0.00219
0.000363	0.000538	0.01981131	-0.02592	-0.02174	-0.01905
0.000474	0.00066	-0.02362931	-0.01736	-0.01437	-0.02177
0.002231	0.000103	0.028941729	0.024722	0.023457	0.047231
0.000304	0.0001	0.003454026	0.006279	-0.00023	0.017432
8.66E-05	0.000352	-0.01006704	-0.0067	-0.01321	-0.00931
6.72E-07	9.48E-05	-0.02298732	0.014777	-0.01241	0.00082
6.78E-06	0.000396	-0.04496048	0.015974	0.021398	0.002603
0.001331	0.000304	-0.00356007	-0.02533	-0.01571	-0.03648

3.11E-06	0.0001	0.007969922	0.00163	0.037951	0.001763
4.08E-08	5.01E-05	0.010162189	-0.00487	-0.00622	-0.0002
0.00021	3.68E-06	-0.01247589	-0.01843	-0.0249	-0.0145
0.000309	6.15E-05	-0.02935133	-0.0137	-0.03773	-0.01759
0.000108	0.00023	-0.01978489	0.009741	-0.00023	0.010383
0.000152	0.000852	-0.02365873	-0.01892	-0.00458	-0.01234
9.81E-06	0.000206	0.00794808	0.010559	0.002268	0.003132
0.000173	1.08E-06	0.000613117	-0.00826	-0.00458	-0.01317
5.82E-05	6.46E-05	0.007010755	0.008769	-0.00885	0.007628
2.01E-07	0.000278	-0.00816737	0.022788	0.002242	-0.00045
0.000196	0.000153	-0.00181997	-0.0039	-0.0033	0.01401
2.73E-06	3.85E-05	0.000613117	-0.02353	0.001005	-0.00165
0.000195	1.49E-06	-0.01188088	-0.00911	-0.00452	-0.01398
0.000134	0.000135	0.008849551	0.026204	-0.00874	0.011566
2.86E-05	6.64E-05	-0.00707919	-0.01638	-0.02166	0.005352
2.06E-05	0.000248	-0.00274098	-0.02216	-0.01199	-0.00454
0.00011	8.71E-07	0.002052656	0.004173	0.006882	0.010501
2.01E-07	0.000111	-0.01775711	0.007761	0.007534	-0.00045
0.001089	9.75E-07	0.031696167	0.024336	0.007595	0.032994
1.68E-05	6.92E-07	-0.00180936	0.000679	-0.00203	0.004099
8.1E-06	1.82E-05	-0.01088114	0.009887	0.021245	0.002847
1.16E-06	1.07E-08	-0.02777218	0.010931	0.001001	0.001075
6.41E-05	0.000783	0.004818724	0.003503	-0.0195	-0.008
4.32E-06	8.93E-07	0.041975647	0.014934	-0.00918	0.002077
3E-05	0.000114	-0.00181407	-0.00495	-0.00439	-0.00547
0.000323	0.000289	0.020415097	0.003556	-0.01372	0.017976
0.00022	9.12E-05	-0.00675789	-0.00401	-0.01182	-0.01482
7.15E-05	2.89E-08	0.020663242	0.015093	0.012691	0.008458
0.000111	2.49E-05	0.012789677	-0.0116	-0.01069	-0.01052
2.01E-07	2.67E-05	0.012420098	-0.00118	-0.00543	-0.00045
6.68E-06	0.000815	0.020508405	-0.01238	0.005587	0.002584
3.35E-06	0.000336	-0.00407683	0.00164	0.014522	0.001831
0.000147	0.000359	0.003749552	-0.00303	-0.00609	0.012116
0.000206	2.75E-05	0.02196923	0.011099	0.003304	-0.01435
0.000122	0.001649	0.007602364	0.009301	0.028223	0.011061
3.58E-05	0.001926	-0.00366954	-0.01526	-0.01513	0.005987
1.84E-05	6.25E-05	0.001684928	0.006384	-0.00438	-0.00429
1.06E-05	0.000784	-0.00577666	-0.00774	0.006348	-0.00326
5.63E-06	0.000174	0.018499296	-0.01411	-0.00439	0.002373
4.51E-06	0.000408	-0.00208959	-0.00023	0.005761	0.002123
1E-05	6.07E-05	0.00988753	0.001621	0.010669	0.003164
0.000285	0.000254	-0.0004768	0.017692	0.008936	0.016875
4.5E-05	7.43E-06	-0.00210427	-0.01143	-0.00931	-0.00671
3.63E-06	8.43E-05	0.002791766	0.000702	0.00709	0.001905
0.000164	5.98E-09	0.004989485	0.003517	-0.00387	0.012797
0.000449	2.05E-05	-0.00102533	-0.00767	-0.00627	-0.0212
0.000144	2.03E-05	0.001159565	-0.0176	-0.00384	-0.01199
0.000648	0.000182	6.69673E-05	0.017442	0.005217	-0.02545
0.000617	2.14E-05	-0.03213913	0.006322	-0.01041	-0.02484
0.000113	5.98E-09	8.51339E-05	-0.00117	-0.00023	0.01065

4.1E-06	5.98E-09	-0.00411626	0.02078	0.015588	0.002024
2.83E-06	0.000316	-0.008757	0.008438	-0.00687	-0.00168
0.000388	8.26E-05	0.011665749	-0.00598	0.009535	0.019703
5.19E-05	0.001003	-0.00928787	-0.02544	-0.00023	-0.0072
1.66E-05	0.001096	-0.00353841	-0.00303	0.010254	0.004076
6.68E-05	0.000402	-0.00352125	-0.00116	-0.02076	0.008171
0.000249	0.000334	-0.00758781	0.004441	0.003409	0.015781
1.43E-05	1.54E-05	-0.01552405	-0.00673	0.010183	-0.00379
0.000368	1.08E-06	0.000613117	0.015806	-0.00145	0.019186
3.08E-06	7.77E-05	0.010801604	0.012184	-0.00631	-0.00175
2.37E-05	0.000395	0.048664372	0.010386	0.003434	-0.00487
0.000105	4.98E-05	0.000613117	0.026527	-0.01525	-0.01024
6.59E-05	9.47E-06	0.008686314	0.013838	-0.02025	-0.00812
1.81E-06	5.98E-09	-0.01056304	-0.018	0.004506	0.001346
0.000873	5.98E-09	0.013005358	-0.00709	0.008126	-0.02955
0.000447	5.84E-06	-0.01320197	0.024893	0.004569	0.021153
0.000976	0.001779	-0.00203659	0.007771	-0.00737	-0.03124
4.89E-05	9.19E-06	0.008087757	-0.00013	-0.00438	0.006996
0.001081	0.000451	0.013045549	0.026823	0.022197	0.032886
0.000805	0.001723	-0.0020823	-0.00849	-0.00924	-0.02836
7.41E-05	0.000477	0.003858114	-0.00639	-0.0062	-0.00861
0.000192	2.79E-05	-0.0143043	-0.00533	-0.00852	-0.01386
0.000603	0.000368	0.009752902	0.004896	0.013578	0.024552
0.001463	0.002343	-0.01264948	0.004922	0.00947	0.038243
0.000161	0.000179	-0.00884563	-0.01145	-0.0239	0.012707
0.000878	3.05E-05	0.018804663	0.009027	0.01357	0.029633
0.000357	6.4E-05	0.011976753	0.009114	0.010076	0.018889
4.33E-07	3.39E-07	0.001154535	0.005197	-0.00445	0.000658
7.06E-05	4.42E-06	-0.02058455	-0.00252	0.002193	-0.0084
3.49E-05	1.81E-05	0.012409364	0.015104	0.006472	-0.0059
0.00033	0.000162	-0.00999696	0.007871	0.004669	0.018174
9.09E-05	0.000995	0.003806305	-0.00458	-0.00084	-0.00954
2.97E-08	7.34E-05	0.034735296	0.010172	0.001611	-0.00017
0.000232	0.000183	0.010057561	0.01424	0.00223	0.015221
0.000188	0.000984	0.006199709	-0.00186	-0.01176	-0.0137
4.57E-05	3.42E-07	-0.01532971	-0.00724	-0.0222	-0.00676
3.07E-06	0.000129	0.011168673	-0.00239	0.005146	0.001752
0.000711	0.005797	0.000613117	0.019526	0.011857	0.026663
7.12E-06	2.24E-05	0.007324526	0.004178	0.020118	0.002668
2.19E-05	3.87E-06	0.009073354	0.020589	0.005976	-0.00468
3.67E-05	1.36E-05	0.019578634	0.012996	0.008534	-0.00606
1.66E-06	9.18E-05	0.011066079	-0.00149	0.007975	-0.00129
3.65E-05	7.65E-06	0.005280562	0.020698	-0.0096	0.00604
7.1E-06	1.44E-05	-0.00113412	0.011533	-0.00767	0.002665
0.000285	0.001013	-0.00171111	-0.01587	-0.02914	-0.01687
1.5E-07	2.89E-05	-0.01030642	-0.00998	-0.00263	0.000388
1.04E-05	2.16E-05	-0.02020849	-0.00593	-0.00143	-0.00323
0.000509	2E-05	0.004567919	0.000338	-0.00083	0.02257
0.001194	5.98E-09	0.019025085	0.017179	0.02815	0.034552
6.26E-06	0.000431	0.015207396	-0.00658	0.00039	0.002502

0.00072	0.001805	0.029441946	0.040584	0.018641	0.026825
8.94E-05	0.000201	-0.01417978	-0.02023	-0.01326	-0.00946
0.000443	3.62E-05	0.022378534	0.029821	0.008539	-0.02104
0.000688	0.000346	-0.04442153	-0.03509	0.000399	-0.02624
0.000212	0.000312	-0.02471046	-0.01487	0.016333	-0.01457
0.001105	0.000332	-0.04503672	-0.04672	-0.05898	-0.03323
2.01E-07	5.36E-06	0.013670788	-0.00023	0.011295	-0.00045
0.000137	4.67E-05	0.002247994	0.01949	-0.00805	0.01172
7.19E-05	6.81E-05	-0.01229705	0.02199	0.007656	0.008481
1.01E-06	1.82E-10	0.010390412	-0.012	-0.00984	-0.00101
4.7E-05	0.000253	-0.00960194	-0.03265	-0.0062	0.006856
3.01E-05	6.7E-05	0.001689543	-0.00784	-0.00261	0.005486
6.11E-05	8.41E-05	0.027699905	-0.00789	-0.00674	0.007814
0.000158	0.000179	-0.0151649	-0.01343	0.005725	-0.01255
1.45E-05	0.000336	-0.00694628	0.015443	0.017338	-0.00381
0.000361	0.000205	-0.01375623	0.014022	-0.00923	0.018997
1.62E-06	9.57E-07	0.010285336	-0.01959	0.002179	0.001271
7.36E-06	0.000113	-0.0178468	-0.00023	-0.00976	0.002713
2.01E-07	0.000129	-0.00149215	-0.01527	-0.00142	-0.00045
0.000125	0.000168	0.007502359	-0.00738	-0.01489	0.01118
0.002493	0.000141	-0.01142877	0.010395	0.005672	0.049934
0.000332	5.1E-07	-0.01637093	0.001258	-0.009	0.018215
2.01E-07	4.51E-05	0.015234527	0.004688	0.011607	-0.00045
4E-06	0.000515	0.024129953	0.016072	0.011749	-0.002
3.99E-06	6.4E-05	0.019676298	-0.00778	-0.00321	-0.002
4.37E-05	0.000131	0.009404326	-0.01406	0.005779	-0.00661
0.000109	0.000144	-0.0166655	0.0019	0.002785	0.010456
2.01E-07	1.69E-06	-0.00848266	0.002976	-0.02376	-0.00045
8.84E-05	0.00076	0.008160287	0.006226	0.01228	-0.0094
0.000103	9.41E-07	0.030024882	0.03199	0.00456	0.010161
1.5E-05	7.7E-05	-0.00545417	-0.01122	0.019297	-0.00387
3.26E-05	0.000152	0.024906902	0.014261	0.009009	-0.00571
6.8E-06	1.05E-05	0.00686667	-0.00345	0.005345	-0.00261
0.000145	2.76E-06	0.011532657	0.010778	-0.00023	0.012052
0.00012	1.81E-05	0.004652355	-0.02638	-0.00638	-0.01096
0.00016	0.000175	0.050916147	0.004163	-0.00695	-0.01267
7.21E-05	7.43E-05	0.025457837	0.010879	0.000384	0.008489
2.25E-05	0.000458	0.02413505	-0.00466	0.017197	-0.00474
0.000108	0.002087	0.027375519	0.038848	0.014293	0.010408
1.48E-05	6.93E-05	-0.00069066	-0.03357	-0.02003	-0.00385
0.000284	3.1E-06	0.013154371	-0.02841	0.004123	0.016848
3.46E-05	0.000124	-0.00267636	-0.01512	-0.0292	0.005881
1.29E-06	0.000476	-0.00592283	-0.01686	-0.00623	0.001137
4.76E-05	7.83E-05	0.021293571	-0.01253	0.000974	0.006896
7.59E-06	0.001939	0.007329034	-0.02354	0.023129	0.002755
4.42E-05	6.28E-05	0.013538287	0.036379	0.011589	0.006649
2.14E-05	0.000495	0.006773281	0.011408	0.004773	-0.00462
1.4E-05	1.28E-05	0.008199324	0.00723	0.001024	0.003746
2.01E-07	0.005261	0.001303248	-0.00659	0.006704	-0.00045
1.59E-05	0.002485	0.007562387	-0.0169	-0.0139	-0.00398

0.00012	2.12E-05	-0.01377044	0.017795	-0.00085	-0.01094
3.18E-06	7.8E-05	-0.01423169	-0.01794	0.005394	0.001784
0.000195	0.000705	-0.03829739	-0.04596	-0.00828	-0.01397
7.33E-06	5.98E-09	0.015086801	-0.00419	0.00538	0.002707
1.29E-05	0.000327	-0.01493092	0.012299	-0.00333	-0.00359
1.78E-08	2.12E-05	-0.00325785	0.010406	0.006023	-0.00013
2.04E-05	0.000812	-0.01837422	-0.00527	-0.00023	-0.00452
5.78E-05	4.51E-05	-0.00379772	-0.00525	0.007329	-0.0076
3.38E-05	6.12E-05	0.01988094	0.011848	-0.00524	0.005812
3.06E-06	5.37E-05	-0.00066976	0.009092	-0.01443	0.001748
4.65E-05	0.000854	-0.00322075	0.009075	0.012281	0.006819
1.86E-05	0.000174	0.002533732	-0.00844	0.00988	0.004314
0.000573	0.001992	0.001253732	0.023927	-0.00837	0.023942
0.000384	1.58E-05	-0.00575226	0.001346	0.01375	-0.01959
2.71E-05	9.19E-06	-0.00319158	0.015259	0.011991	-0.00521
4.57E-05	2.91E-07	0.001882958	-0.0029	0.026175	-0.00676
0.000152	0.000138	0.007646365	0.026461	0.016551	0.012332
0.000806	7.39E-06	-0.01635734	-0.01574	-0.01085	-0.0284
5.44E-05	4.1E-05	0.006302118	0.009007	0.000437	0.007377
4.04E-06	0.00014	-0.0050437	-0.00456	-0.02801	-0.00201
7.02E-05	0.000147	-0.0262982	-0.00636	-0.01924	0.008379
2.77E-05	8.88E-05	-0.00486134	0.006263	0.018495	0.005259
5.85E-07	0.000646	0.009202074	0.01818	0.008893	-0.00076
0.001165	0.002428	-0.00061237	-0.00789	-0.00734	-0.03414
2.52E-05	0.000518	-0.01209106	0.026734	0.006939	-0.00502
2.27E-05	3.14E-06	0.011622291	-0.00582	0.017677	0.004762
6.98E-05	0.0003	0.025691487	-0.00964	-0.00089	-0.00835
9.57E-05	1.78E-05	0.010746113	0.005893	-0.00089	-0.00979
0.000968	5.98E-09	-0.08296204	0.00312	0.001763	-0.0311
0.000479	0.00034	0.029269833	0.009926	0.018016	-0.02188
1.27E-05	8.92E-05	0.003607129	0.002938	0.005208	0.003568
2.25E-05	0.0002	0.012734329	-0.00227	-0.00496	0.004743
3.19E-05	1.31E-07	0.009787429	0.00935	-0.00761	0.005644
9.62E-05	1.31E-07	0.019304706	0.001596	0.00314	0.00981
0.000101	0.000295	-0.01773551	-0.01819	-0.00023	-0.01003
1.54E-05	1.94E-05	0.006766963	0.020386	-0.01089	0.003925
2.93E-05	0.000162	-0.01573071	0.014884	0.010547	0.005417
2.06E-05	0.000225	-0.01134861	-0.02185	-0.0239	-0.00454
0.000158	1.44E-05	-0.00177352	-0.01259	-0.00611	-0.01257
1.76E-05	5.35E-05	0.001210132	0.007924	-0.0163	0.00419
9.04E-05	0.001592	-0.0053216	0.037136	0.019445	0.009505
5.09E-05	9.28E-07	0.002992653	0.006868	0.007704	-0.00714
1.81E-07	0.000604	0.007199943	0.00572	0.016574	0.000425
1.79E-05	6.91E-05	0.012121294	0.01795	-0.00157	0.004231
0.000144	0.000223	-0.01076413	-0.00265	-0.00689	-0.01201
7.9E-05	0.000129	0.050927582	0.015738	0.005809	0.008887
8.85E-05	0.001298	0.02377914	-0.00464	0.003813	-0.00941
0.00012	6.72E-05	0.005787761	-0.00194	0.018291	0.010956
0.000862	0.000352	0.016381842	0.01263	0.00529	0.029362
0.000145	0.000435	-0.02374586	0.007997	0.010226	-0.01205

6.44E-06	7.58E-07	0.015577333	0.002268	0.001168	0.002537
0.000216	0.000158	0.019168452	0.012554	0.029967	0.014704
1.23E-05	0.000138	-0.00662373	0.00473	-0.00666	0.003507
0.000179	0.001206	0.000613117	-0.01773	-0.0052	-0.01336
6.24E-05	9.43E-05	-0.00397103	-0.00644	0.019338	-0.0079
3.08E-05	3.84E-05	-0.02054073	0.012346	0.007808	0.005549
0.000103	3.89E-05	0.039228297	0.008651	-0.00459	0.010158
4.19E-05	1.61E-05	-0.00138024	-0.0015	-0.01949	-0.00647
8.84E-05	1.35E-05	-0.01379422	0.017438	0.005512	-0.0094
7.91E-05	0.00023	0.025445332	0.011909	0.054236	0.008892
0.000432	2.82E-05	-0.00072737	0.027956	0.010476	0.020783
0.000221	0.000415	-0.00206068	-0.01997	-0.00023	0.01486
0.001214	0.000215	-0.00865841	-0.03577	-0.02045	-0.03484
3.82E-06	0.00026	0.025731922	0.001038	-0.00023	-0.00195
4.94E-05	8.94E-05	-0.01673178	-0.0078	-0.00396	-0.00703
0.000213	0.000131	0.000613117	-0.0101	-0.00542	-0.01461
5.16E-05	0.000114	0.003288702	-0.01874	0.008762	-0.00719
0.000125	5.98E-09	0.019005488	-0.00304	0.010371	-0.01117
6.05E-06	0.000108	0.038068947	0.00505	-0.0055	0.002459
0.000413	7.49E-10	0.034969842	0.005327	0.009659	0.020324
0.000163	0.000376	-0.02154557	-0.01723	0.000534	-0.01276
2.06E-05	5.78E-05	0.018808168	-0.014	-0.01448	-0.00453
0.000495	3.01E-05	0.007206524	0.015583	0.015779	0.022239
5.04E-06	2.81E-05	-0.00738107	-0.00748	-0.01376	0.002246
3.72E-05	3.01E-05	-0.00228543	-0.00264	-0.00023	-0.0061
2.01E-07	0.000249	0.015318999	0.004976	-0.00769	-0.00045
7.86E-05	9.05E-05	-0.00523484	0.001831	0.005024	0.008864
0.00021	0.000467	0.01394645	0.000375	0.009621	0.014491
5.31E-06	0.000439	0.011849072	0.016309	-0.01294	0.002304
2.02E-08	0.000802	0.035496838	-0.00011	0.024294	-0.00014
1.22E-05	0.003298	0.016361148	0.002988	0.006717	-0.0035
0.000456	0.004303	-0.01489076	-0.01428	-0.00254	-0.02134
3.76E-06	0.008642	0.006853367	-0.00157	0.004413	-0.00194
1.8E-06	0.000457	0.021313754	0.00467	0.000547	-0.00134
1.09E-06	3.18E-05	0.009448458	-0.00741	-0.00177	-0.00104
2.01E-07	2.97E-05	-0.01519716	0.005273	-0.00866	-0.00045
4.05E-05	0.000184	-0.00878391	-0.00231	0.003619	-0.00636
2.01E-07	0.000193	0.011697836	0.008015	-0.00406	-0.00045
0.000133	0.000199	-0.0172718	-0.00708	-0.00023	0.011528
6.53E-06	0.000334	-0.01394627	0.018448	0.019304	0.002555
7.47E-05	0.000182	0.016177319	-0.01058	0.007647	0.008643
1.42E-05	0.002241	0.001391933	0.007843	-0.00258	-0.00377
1.87E-06	0.002574	0.019660736	-0.00047	0.000559	0.001368
5.42E-05	8.54E-05	-0.01347139	-0.01601	-0.00648	-0.00736
2.07E-07	8.17E-07	0.001396202	0.004065	0.002122	0.000454
3.14E-05	1.13E-07	0.002181744	-0.00097	-0.00257	0.005604
6.56E-06	0.000138	-0.0148309	-0.00663	0.002122	-0.00256
0.00024	0.000144	-0.02202839	-0.01166	0.005285	0.015503
6.49E-05	1.51E-05	-0.03081963	0.013115	-0.00804	-0.00806
5.66E-07	1.38E-05	0.021508639	0.015773	0.002908	-0.00075

1.91E-06	3.91E-05	-0.00310436	-0.01018	-0.00101	0.001381
0.000107	0.000986	0.026547518	-0.005	-0.01413	0.010338
1.24E-05	5.98E-09	-0.0136726	0.005918	0.014663	-0.00352
0.000109	7.07E-05	0.042932866	0.003558	-0.00491	0.010422
7.68E-05	6.7E-05	0.01331153	0.018548	0.021287	-0.00876
1.06E-05	0.000453	0.002999752	0.015223	0.015145	0.003262
0.000542	0.000185	0.039456092	0.027196	0.010402	0.023286
7.44E-06	0.000275	-0.051111102	-0.00933	-0.02573	0.002727
0.000573	0.000293	0.02059713	0.031983	0.027619	0.023942
3.33E-05	0.0003	-0.01821041	-0.00822	-0.00593	0.005769
6.61E-05	5.98E-09	0.012517879	0.020287	0.00633	0.008133
1.76E-05	2.57E-05	-0.0203659	0.024698	-0.01636	0.004194
0.000941	0.000255	-0.03965534	-0.01139	-0.01139	-0.03067
0.000816	0.000468	-0.02905403	-0.02337	0.00137	-0.02857
2.1E-05	0.000161	0.006435533	0.025009	-0.00658	0.004577
6.56E-07	0.000178	-0.01231792	0.009517	-0.00966	0.00081
1.93E-06	2.64E-05	0.002772944	-0.01261	-0.00414	-0.00139
0.00015	0.000391	-0.02190624	-0.00161	-0.0049	-0.01225
3.98E-05	0.000404	-0.00672185	-0.01791	-0.00949	-0.00631
4.74E-05	0.001869	0.022383281	-0.01341	0.02268	-0.00689
0.000219	6.26E-06	0.000613117	0.031928	0.037478	0.014807
0.000105	0.000427	0.018781722	0.051213	0.008037	0.010251
3.33E-05	0.001511	-0.02350036	-0.00996	-0.01247	-0.00577
0.000482	0.000442	0.018663658	0.038567	0.012169	0.021952
1.33E-06	0.002315	0.006422848	0.032467	-0.00516	0.001155
0.000263	1.69E-05	-0.0015608	-0.01326	0.007229	-0.01622
0.000628	0.000112	0.007912387	-0.01809	-0.00106	-0.02506
0.000159	9.55E-06	0.015427932	-0.00023	0.003095	-0.01261
0.000141	5.16E-05	0.043889778	-0.00098	-0.00519	0.01186
0.001196	0.000152	0.056078044	0.028338	0.038399	0.034584
3.56E-05	1.59E-05	0.03433993	0.021362	-0.02907	0.005962
0.010016	5.55E-06	0.037326404	0.139714	0.052053	0.100081
0.000374	6.33E-06	-0.05549249	0.038876	0.01854	0.019336
8.76E-06	5.16E-05	-0.01880436	-0.08447	-0.02887	-0.00296
0.000339	0.000245	-0.01609333	-0.04508	-0.03378	-0.01842
0.000993	1.6E-05	-0.02873051	0.007764	-0.00689	-0.03152
0.002331	0.000207	-0.00169813	-0.06466	-0.01662	-0.04828
0.000796	3.05E-05	-0.01976424	-0.04067	-0.0396	-0.02822
3E-05	0.000139	-0.01058091	0.002515	-0.01649	-0.00548
0.000235	3.18E-05	0.015764632	-0.05477	-0.00715	-0.01532
0.000952	0.00019	0.015997732	0.020292	0.033159	0.030862
8.52E-05	0.000308	-0.0145384	0.032891	-0.00181	0.00923
0.000246	0.001022	-0.00839589	-0.02882	-0.01508	-0.0157
1.17E-06	0.001724	-0.01345054	-0.02249	-0.00721	-0.00108
0.000169	0.004003	0.020235758	-0.02598	0.007597	-0.01299
0.000441	0.002485	0.005162018	0.046576	0.011649	0.021006
8.02E-05	0.00066	-0.00765756	-0.02107	0.024935	0.008958
0.004699	0.003152	-0.0031322	0.026257	-0.0474	-0.06855
0.003631	0.016392	-0.05123347	-0.02658	0.017883	0.060255
0.006163	0.00136	-0.02499242	-0.04353	-0.0439	-0.0785

0.000619	0.002186	-0.01706193	-0.01074	0.000526	-0.02487
3.8E-05	0.001207	-0.01412232	-0.03204	-0.00098	-0.00616
8E-05	0.000205	-0.02037049	0.016717	-0.00622	-0.00895
0.000284	0.000324	0.007213777	0.033692	-0.02647	0.016843
0.001416	0.000428	-0.02885517	-0.04062	-0.02718	-0.03763
0.000101	0.001641	0.007709891	-0.03612	-0.01765	-0.01007
9.94E-07	0.002088	-0.01086647	0.011158	0.003269	-0.001
7.57E-05	1.18E-05	0.028809838	0.007844	0.001173	0.008699
0.000142	0.002669	0.023416605	0.004204	0.022695	0.011898
4.53E-06	0.000631	0.028888979	0.014037	-0.00023	-0.00213
2.01E-07	0.000858	0.004073325	0.035587	0.003367	-0.00045
1.55E-07	0.001154	-0.01303876	-0.00169	0.000492	0.000393
2.31E-06	0.000477	-0.00952202	-0.02563	0.007019	0.001518
1.02E-06	8.34E-05	-0.00609829	-0.03198	-0.01522	-0.00101
0.000271	1.12E-05	0.00398012	-0.04481	-0.015	-0.01647
0.001145	1.11E-05	-0.00274259	-0.00264	0.013315	0.033838
2.81E-05	0.000809	-0.01066757	0.011688	-0.01567	0.005299
5.92E-06	6.11E-05	-0.00137364	-0.01882	-0.00093	0.002434
2.01E-07	0.000735	-0.00400125	0.002626	0.006835	-0.00045
5.97E-06	1.08E-05	0.011272677	0.015004	0.004028	0.002442
5.07E-05	9.85E-05	-0.02786585	0.016738	0.021512	0.007124
9.12E-05	4.28E-05	0.00385987	-0.0044	-0.00023	0.009552
7.66E-05	2.06E-08	-0.0058385	0.002962	-0.0024	0.008754
0.000156	0.004188	-0.02085153	-0.00755	0.000496	-0.01247
1.11E-06	4.07E-05	0.009530314	0.007139	-0.00089	0.001056
1.6E-05	0.000886	-0.005716	-0.02887	-0.00675	-0.00399
7.86E-05	8.31E-05	-0.00941195	-0.00616	-0.00594	-0.00886
8.42E-05	3.77E-05	0.01782153	-0.00177	0.006243	0.009174
6.2E-05	3.81E-05	-0.0150707	0.007406	0.001934	0.007871
1.6E-05	0.000242	-0.01238998	0.007671	0.009227	0.004003
0.000141	2.88E-05	-0.00185754	0.005004	-0.00385	0.011868
0.00031	2.18E-06	-0.01638749	0.007076	-0.00167	0.017595
1.22E-05	2.96E-07	-0.02019544	0.00713	0.004864	-0.0035
7.71E-05	0.000584	0.005992675	0.003462	0.014533	0.008783
3.3E-05	0.000428	-0.00058091	-0.02192	0.007208	0.005744
4.36E-05	0.00025	-0.04224403	-0.01495	-0.00023	-0.0066
1.96E-08	0.001065	0.034769836	0.002625	-0.00614	-0.00014
5.43E-06	9.01E-06	0.007875022	-0.00083	-0.00902	0.00233
2.01E-07	3.29E-05	0.006601141	0.008045	-0.00023	-0.00045
0.000347	0.00013	0.018285268	0.000488	-0.00894	-0.01863
1.91E-05	0.00043	-0.01083267	-0.00382	-0.01029	-0.00437
2.22E-05	0.000372	0.025304475	0.01928	-8.3E-05	0.00471
2.76E-06	8.72E-05	-0.03164495	-0.00388	0.007599	-0.00166
0.000223	0.000161	0.030766963	0.01735	0.00542	0.014937
7.87E-05	0.000332	-0.00245437	0.016973	0.013251	0.008869
0.000732	0.000373	0.048844628	-0.02465	-0.0155	-0.02705
2.01E-07	1.57E-06	0.002546107	0.002882	0.015282	-0.00045
8.17E-05	0.000173	-0.01399006	0.009549	-0.00756	-0.00904
5.79E-05	0.000212	0.018712664	0.015933	0.010128	0.007607
0.000333	0.000937	0.009528354	-0.03301	-0.01048	-0.01825



0.000227	0.000125	0.002789588	-0.01393	-0.03148	-0.01507
7.34E-05	3.28E-05	0.059436646	0.003687	-0.00588	-0.00857
0.000462	0.000275	0.026891526	-0.00173	0.029591	0.021485
6.55E-05	5.98E-09	0.006327403	0.011387	-0.0285	-0.00809
4.87E-06	1.44E-05	-0.01347139	-0.01438	-0.01416	0.002206
0.001608	0.000207	-0.004815	-0.03484	-0.0247	-0.0401
0.000236	3.96E-06	0.038976753	0.018182	0.017766	0.015375
1.99E-05	0.000115	0.005730076	0.006264	-0.01723	-0.00446
0.000124	1.88E-05	-0.04607678	0.008557	-0.00226	0.011146
0.00017	9.22E-06	0.001310467	-0.00539	-0.00158	-0.01304
5.87E-06	4.88E-05	0.015633148	0.006415	0.031241	0.002422
0.000427	3.07E-05	-0.03831205	0.012116	-0.00587	0.020654
1.14E-05	0.000503	0.007462432	0.02112	0.010391	0.003377
4.44E-05	6.78E-05	0.012744833	0.031469	0.023514	0.006663
3.38E-05	8.15E-06	0.025953416	-0.0291	0.004834	0.005813
0.000122	8.13E-05	-0.02299084	0.006878	0.001947	-0.01107
6.03E-05	2.09E-05	-0.00431782	0.004577	-0.0024	-0.00777
1.72E-06	3.12E-05	0.006168673	-0.01304	0.009262	0.001312
1.58E-05	0.000262	0.015412271	-0.02283	0.007867	0.003972
5.51E-07	6.85E-05	-0.01122532	-0.01093	0.005694	-0.00074
2.64E-06	7.94E-06	0.005511647	0.003869	0.008735	-0.00162
5.33E-07	2.89E-05	-0.00515468	0.004729	0.007297	0.00073
5.51E-07	4.12E-06	0.055117886	-0.00679	-0.00718	-0.00074
7.83E-06	4.34E-05	0.026968539	0.015846	0.029242	-0.0028
0.000992	9.01E-06	-0.00089064	0.004677	-0.01388	-0.03149
6.16E-06	9.45E-06	-0.00758972	0.006685	-0.0011	-0.00248
3.74E-06	9.58E-06	-0.01552775	0.003507	0.006788	0.001933
1.04E-05	4.19E-06	0.003556458	-0.00604	-0.00072	0.003222
0.000349	7.45E-06	-0.02728388	-0.00101	-0.01321	-0.01867
6.08E-05	2.63E-06	-0.00081545	0.015286	0.003439	-0.0078
1.86E-05	1.47E-05	-0.01347139	0.005853	-0.00783	0.004315
2.37E-05	9.59E-05	0.006991572	-0.00479	0.003923	-0.00487
1.16E-08	0.000148	-0.01611162	0.011568	0.015689	-0.00011
0.000237	0.000135	0.007630661	0.019361	0.013448	0.015399
0.000262	0.000316	-0.00218604	-0.01446	-0.00854	-0.01619
2.76E-05	0.00029	-0.00702577	-0.00312	0.002086	0.005255
0.000159	1.03E-05	0.000613117	0.023631	-0.01812	-0.01261
3.99E-05	3.7E-06	0.009723138	-0.00516	-0.01163	-0.00632
1.44E-05	9.41E-06	0.009806893	-0.00468	-0.00183	-0.0038
2.57E-05	0.000132	0.002029548	-0.00154	-0.02216	0.005066
0.000172	0.000242	-0.00150702	0.013193	0.001303	-0.0131
0.000335	2E-06	-0.00360926	-0.00053	0.004118	0.018292
0.00067	8.27E-05	0.0048534	0.026064	0.001777	0.025893
2.12E-06	5.19E-06	0.004159216	-0.00874	-0.02097	-0.00145
2.31E-05	1.48E-06	0.018663658	-0.00642	-0.00219	0.004808
0.000264	6.72E-05	-0.00298401	0.015246	-0.00897	0.016239
9.96E-06	7.73E-05	-0.01287162	0.007909	0.02091	-0.00316
5.22E-06	0.000285	0.001323344	0.004279	-0.01048	-0.00229
3.99E-05	7.48E-05	0.006327403	-0.00023	0.026595	0.00632
1.88E-05	0.000158	0.000613117	-0.00337	-0.00355	-0.00434

8.4E-08	0.00015	-0.00788547	0.016904	0.043784	0.00029
1.48E-08	4.41E-06	0.009184546	-0.00965	-0.0274	0.000122
0.000225	5.75E-05	-0.01208082	-0.00854	0.040736	-0.01499
9.18E-08	5.36E-06	-0.01942835	-0.00057	-0.028	0.000303
0.000133	6.86E-05	0.026854252	0.015272	-0.00794	0.011521
6.31E-05	5.45E-05	0.006319251	0.002532	0.015778	0.007946
0.000661	6.37E-06	-0.02645142	-0.00182	0.005219	-0.02571
9.78E-07	0.000129	-0.00559378	0.003994	0.002086	-0.00099
8.97E-05	0.000103	0.018156977	0.01017	0.00676	0.00947
9.96E-06	6.47E-07	0.027270177	0.015828	-0.01542	-0.00316
1.81E-06	7.9E-05	0.034890315	0.00774	0.005478	-0.00135
0.000207	2.42E-05	-0.00531281	-0.00271	-0.01504	0.014394
2.1E-06	8.38E-06	-0.01398542	-0.00318	-0.00023	-0.00145
7.18E-05	8.68E-05	0.058528175	0.010521	-0.00146	0.008476
0.000206	0.000258	-0.00323304	-0.00899	-0.00453	-0.01435
1.08E-06	1.67E-05	0.006026883	0.015072	-0.0138	0.001038
0.000187	1.72E-07	-0.01160995	0.013563	0.00999	0.013664
6.1E-05	5.98E-09	0.007536194	0.001314	0.025967	-0.00781
1.02E-10	2.64E-06	-0.00626236	-0.0031	-0.00939	1.01E-05
0.000147	1.08E-06	0.007536194	0.002537	-0.00023	0.012107
1.87E-05	8.26E-05	0.026658894	-0.00248	0.010185	0.004321
1.92E-06	2.89E-05	0.039989655	0.009412	0.004812	-0.00138
7.31E-06	3.28E-06	-0.00347185	0.000525	-0.00023	0.002705
0.000182	0.000612	0.016380752	-0.00423	0.02196	0.013495
0.000155	3.67E-07	-0.02130247	-0.00728	-0.00653	-0.01246
0.000126	5.58E-05	0.002239133	0.011655	-0.01316	-0.01125
0.000318	5.58E-08	-0.01459905	0.031185	-0.00083	0.017843
2.29E-05	0.000122	0.012768709	0.011443	-0.00223	0.004786
0.000307	3.21E-05	0.028090219	-0.02544	-0.00822	-0.01753
0.000126	3.04E-05	0.054121889	-0.03524	7.27E-05	-0.01122
5.74E-05	1.48E-05	-0.03328519	-0.00143	-0.0137	0.007577
0.000354	8.35E-05	0.011752791	-0.01194	0.008484	-0.0188
7.92E-05	0.000448	0.02880695	-0.00792	0.00468	-0.0089
0.000132	0.000296	-0.01071092	-0.01443	0.003184	-0.01148
3.99E-05	1.1E-05	-0.00973171	0.043206	0.002544	-0.00632
6.48E-05	1.81E-06	-0.03110642	0.009292	0.013178	0.008053
0.000248	0.000174	0.010731161	0.001134	-0.00622	0.015738
6.9E-07	0.000719	-0.00274823	0.021224	-0.00204	-0.00083
5.1E-05	0.000144	-0.01510235	0.017292	0.004401	-0.00714
0.001677	0.000326	-0.00432515	0.035758	0.045186	0.040953
2.01E-07	2.83E-06	-0.00184994	-0.05201	-0.00556	-0.00045
0.001428	1.57E-05	0.011401499	0.011321	0.004314	0.037789
0.000168	0.001447	0.017490754	0.042966	-0.01278	0.012979
0.000356	0.001097	-0.00358856	0.025847	0.02361	0.018869
0.000213	0.000661	-0.01183502	-0.00213	-0.02312	0.01461
3.63E-05	0.001195	-0.0059821	-0.01428	0.031331	0.006021
0.003504	0.00017	0.017377576	-0.06443	-0.04697	-0.05919
0.000867	6.37E-06	-0.00106052	-0.00506	0.035899	0.029447
0.000693	0.000474	-0.03334	0.047815	0.004987	-0.02633
0.000599	0.000164	-0.04784842	-0.05647	-0.01295	-0.02448

0.000731	9.53E-06	0.007584457	-0.04308	-0.0172	-0.02703
0.000575	8.03E-05	0.011576312	-0.01671	0.013594	-0.02398
0.000736	0.000135	-0.01707919	0.009989	-0.02479	0.027129
4.3E-05	0.000985	0.002926147	0.026559	-0.01047	-0.00656
0.000935	9.11E-06	0.001384722	-0.01837	-0.01459	-0.03058
0.001922	1.13E-06	0.013904751	-0.05575	-0.0157	-0.04384
3.36E-05	0.00019	0.004537764	-0.01546	-0.00778	-0.0058
5.14E-05	0.000487	-0.01178998	0.016217	0.003171	0.007166
0.000464	6.38E-05	-0.01012308	0.003248	0.011662	0.021542
0.000637	2.98E-05	0.01382213	-0.00057	0.006985	-0.02524
8.39E-07	5.73E-05	0.020422943	-0.00203	-0.01276	0.000916
3.2E-05	0.000121	-0.0056861	0.055621	-0.00677	-0.00565
0.000198	0.000153	-0.02918062	0.001125	0.014104	0.01407
0.000223	0.000315	-0.00696838	-0.01974	-0.01621	-0.01493
2.21E-05	0.000164	0.010567175	0.00379	0.00951	-0.0047
1.15E-07	0.000136	0.002146859	0.010241	-0.02951	-0.00034
0.000152	3.15E-05	-0.00320659	-0.00357	-0.02145	-0.01232
0.000417	1.21E-07	0.016129021	0.023741	0.010125	0.02042
0.000106	0.000195	-0.00708511	0.022992	-0.00486	0.010284
0.000634	0.000593	0.002155137	0.04597	0.006611	0.02517
5.7E-05	7.23E-05	0.018666492	-0.01465	-0.01772	0.007551
2.06E-05	0.000328	-0.01863246	-0.00662	-0.00439	-0.00454
1.7E-05	0.00087	-0.01900952	0.007335	-0.00023	0.004119
0.002874	0.00011	0.015938787	0.008732	0.00775	0.053606
5.97E-05	6.56E-06	0.01934848	0.018665	-0.0024	0.007727
0.000743	0.000181	0.005318999	-0.01604	0.027282	-0.02726
1.35E-05	9.96E-05	-0.00716898	-0.01759	-0.00393	-0.00368
1.57E-05	0.000825	0.002953211	-0.0318	-0.00758	-0.00396
0.000511	0.000248	0.020501741	0.017786	0.022329	0.022606
0.000103	0.000516	0.033480824	0.048587	-0.00023	0.010142
0.000759	0.000287	-0.00102757	0.049355	0.006586	0.027546
2.02E-06	5.98E-05	-0.00020656	0.032191	0.00053	0.001422
0.000171	1.52E-05	0.01306125	-0.00516	-0.00775	-0.01306
1.13E-06	0.000196	-0.00104388	0.003005	0.005064	-0.00106
3.91E-05	1.12E-07	-0.00597125	0.023843	-0.00174	-0.00626
2.02E-08	0.00064	0.004745348	0.020605	0.011223	-0.00014
0.000157	1.69E-05	-0.00432109	0.01148	-0.00403	-0.01253
5.13E-05	3.81E-05	0.013102709	0.005567	0.000534	0.007163
0.000121	9.95E-05	0.002281174	0.002311	-0.00853	-0.01099
4.14E-05	0.000237	0.012427463	-0.00114	0.003561	-0.00644
7.96E-05	2.5E-05	-0.02004804	-0.00583	-0.01662	0.008921
0.000132	8.51E-05	-0.01163178	-5.2E-05	0.005016	0.011479
9.1E-05	1.54E-05	0.02144645	0.006859	0.003532	-0.00954
4.19E-05	0.000945	0.007324526	0.004701	-0.00917	-0.00647
1.19E-05	0.001243	-0.00605355	0.005834	-0.00023	-0.00345
4.12E-05	2.52E-06	-0.01173256	0.022324	0.008795	-0.00642
0.000216	2.05E-06	0.02162152	-0.00155	-0.00397	0.014704
3.84E-06	0.000773	0.011658147	0.012505	-0.00023	-0.00196
2.77E-05	2.31E-05	-0.00697542	0.001482	-0.00023	-0.00527
3.77E-05	1.28E-05	-0.00691826	0.001867	0.029071	-0.00614

0.000151	0.000494	-0.002723	-0.00214	0.015434	-0.01228
7.24E-05	2.25E-06	0.008176142	0.001676	-0.00101	0.008507
0.000264	5.98E-09	-0.00273697	-0.00498	-0.00179	0.016244
0.000205	1.05E-05	0.003974462	0.002243	0.015646	0.014335
4.06E-05	0.001673	-0.00357098	-0.01671	0.020016	0.006374
0.000188	0.000466	0.006505373	0.022756	-0.00985	0.013703
9E-05	0.000271	-0.03744356	-0.00214	-0.01834	-0.00948
8.08E-05	0.000121	-0.00341914	0.00942	0.000561	0.008989
0.000842	0.000675	0.003038339	0.004617	-0.01268	0.029021
2.93E-05	2.88E-05	0.003044235	-0.00506	0.003679	0.005415
0.000177	0.000426	0.016250977	0.015454	0.01484	-0.01331
7.72E-06	6.26E-05	-0.00592817	0.009669	0.024976	0.002778
0.000266	6.36E-05	0.007197479	-0.00241	-0.02093	-0.01632
1.3E-05	6.49E-06	0.015650711	0.001946	0.004573	-0.00361
5.67E-05	0.001549	-0.00437441	-0.01965	0.020181	0.007527

0.000504	0.000332
0.000504	0.000332

0.022459	0.018234
0.022459	0.018234



PM	Covar 1-denní	CETV-ČEZ	CETV-ERSTE	CETV-KB	CETV-PM	ČEZ-ERSTE
7.73396E-05		-2.43648E-05	-0.0001537	-0.00019	-1.2204E-06	1.50385E-05
0.002862855		-0.000589067	0.00018166	0.00028	-0.00011891	-6.2026E-05
-0.00270044		1.19105E-05	4.2833E-06	1E-06	-1.6557E-06	0.000135713
0.006601105		-2.90151E-05	0.00017158	-8.6E-06	0.00012629	-1.3601E-05
-0.00085376		-0.00011601	-0.00020029	-0.00015	1.49994E-05	7.52807E-05
0.001009306		-0.000210268	-5.7328E-05	-0.00079	-1.5793E-05	4.92349E-05
-0.00363668		-0.000118797	5.0659E-05	6.8E-05	2.70984E-05	-0.00010839
-0.00177623		-0.001092202	-0.00052972	-0.00024	5.03757E-05	0.000719295
0.004732833		-9.52786E-05	-0.00071995	-0.00018	0.000187748	4.35904E-05
-0.00270818		-5.82957E-05	0.00011751	0.00028	-7.1738E-05	-9.7622E-06
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-0.00956552	-4.36045E-06	1.2422E-06	1.9E-06	3.33283E-06	-4.4618E-05
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0.002523694	4.81139E-05	-0.00013805	0.00068	-6.6755E-05	-9.4929E-06
0.011337164	-2.23412E-05	-1.1667E-05	5.5E-06	-6.3418E-05	8.33044E-06
-0.01012828	0.000184657	0.00012275	0.00017	-0.0001839	6.87527E-05
-0.00080428	0.000431632	-0.0004205	-8.6E-05	-2.1933E-05	-0.00024407
-0.00888972	0.000270052	0.00019115	-4.7E-05	-0.00031017	4.24035E-05
0.004919318	1.43798E-05	7.9893E-05	-7.6E-05	-2.6135E-05	4.0702E-05
-0.00289477	4.45324E-05	3.1783E-06	2E-05	4.04846E-05	7.23627E-07
0.009319007	0.000615763	-8.5485E-05	0.0005	0.000545424	-1.5366E-05
0.01606612	2.90673E-05	1.4643E-05	4.6E-05	-5.1942E-05	4.07198E-05
-0.00408243	9.0839E-05	-8.32E-05	6.3E-06	-2.4604E-05	-0.00020807
0.000414987	-0.000157463	-0.00011599	-0.00016	-4.818E-06	0.000135498
7.73396E-05	9.90555E-06	0.00019569	-5.9E-05	5.82846E-07	3.41308E-05
-0.00162505	1.93897E-05	5.8788E-05	-6.3E-08	1.01767E-05	2.9066E-05
-0.00104009	1.91168E-05	-1.7126E-06	9.1E-05	-7.8383E-06	-5.7647E-07
-0.00908993	-6.61278E-05	0.00027153	0.00012	-0.00024233	-2.5265E-05
0.005372651	0.000376366	0.00019241	-5.5E-05	0.00021485	4.52838E-05
-0.00181098	-1.82285E-06	7.89E-07	-9.4E-06	6.28745E-06	-1.1932E-07
0.024740332	-6.92103E-05	0.00035972	0.00022	0.000405265	-9.2782E-05
-0.0006058	0.000155096	0.00013903	0.00027	1.2905E-05	4.7517E-05
0.007470563	2.60968E-05	-2.9467E-05	-2.5E-05	1.67276E-05	-0.00015338
0.000236178	-0.000455278	1.2163E-05	-0.00026	-3.448E-06	-2.5981E-05
-0.0110597	0.000146109	-2.8439E-05	6.1E-05	-0.00014122	-2.5486E-05
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-0.0172024	0.000154539	-3.4107E-05	0.00012	0.000184254	-4.5944E-05
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0.026821598	-5.83281E-05	5.608E-06	2.3E-06	-7.3712E-05	-4.3309E-05
0.012003625	-0.000261152	-6.6471E-05	0.00011	-0.00018128	7.6109E-05
-0.01806514	-0.000154659	-0.00019544	-0.00018	7.81345E-05	0.00161575
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-0.00396542	0.000129074	4.9181E-05	0.00043	-4.5212E-05	4.88333E-05
0.038044167	0.000751513	-0.00022346	0.00023	0.000665421	-0.00054892
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-0.03456346	8.5403E-05	-0.00018742	-3.6E-05	0.000206762	-0.00044729
-0.01303989	-0.001119684	-0.00081623	-0.00103	-0.0002266	0.003026419
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0.012803848	0.002702201	0.0006194	0.00117	-0.00061264	0.000731062

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-0.01161145	-0.00017061	0.00042335	-0.00046	0.000198314	-0.00024761
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-0.00301828	-2.54415E-05	-2.0198E-05	-4.2E-05	-4.1795E-06	0.000267991
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0.013773718	-7.0149E-05	-3.5299E-05	-2.6E-05	6.25019E-05	0.000120255
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0.007571011	-4.14433E-05	-0.00026063	1.9E-05	0.000154622	2.58965E-05
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0.01237651	-3.28265E-05	-0.00041155	-0.00041	-0.00036115	1.58656E-05
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0.012803651	4.00486E-05	0.00010049	-5E-05	0.000135298	3.60422E-05
0.011648623	2.1986E-05	-6.3356E-05	-7.3E-07	2.5008E-05	-0.00030222
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0.000348435	0.000382913	0.00016331	0.00033	5.61992E-06	0.000240381
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0.024351254	9.90724E-05	1.4248E-05	5.4E-05	5.24803E-05	0.000303909
-0.00850414	-0.00027339	-0.00033072	0.00014	-0.00015874	0.000259489
-0.01810448	0.000123304	8.1847E-05	8.5E-05	0.000337331	2.90697E-05
0.029489104	-0.000139439	4.32E-06	-7.8E-05	-0.00056057	-1.667E-06
-0.01050467	0.000139182	0.00012352	0.00085	-0.00016743	6.76709E-05
-0.00256118	0.000361148	-4.6398E-05	0.00015	-4.9555E-05	-4.476E-05
0.013446324	-8.53234E-05	0.00014511	-0.00014	7.1521E-05	-0.00043764
-0.00998089	0.000126134	2.8181E-05	2.6E-05	7.15529E-05	6.91627E-05
-0.02871443	-9.38992E-05	-2.2386E-05	-1.2E-05	-8.48E-05	0.000241017
0.015743136	0.00036464	0.00045779	0.00046	0.000322762	0.000397142
0.022719655	0.001626723	-7.6087E-06	0.00034	0.000760673	-1.1042E-05
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0.003893934	-6.73521E-05	-0.00010117	-0.00017	5.08596E-05	3.99436E-05
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0.000335138	-0.000142373	1.037E-05	3.7E-05	-2.0012E-06	-4.1408E-05
-0.02529954	9.77772E-05	5.3258E-05	-6.7E-07	-0.00012006	0.000231251
0.004113666	-4.9604E-05	1.7412E-05	5.4E-05	-1.7776E-05	-4.6257E-05
0.00616871	7.29428E-05	6.994E-06	9.4E-05	8.08268E-05	2.97155E-06
-0.00997291	5.27272E-06	-1.9456E-05	-2.5E-05	-2.275E-05	-1.9714E-05
0.015383462	-1.41649E-05	4.425E-05	-8E-05	0.000191177	-4.0584E-06
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-0.00922616	6.00919E-07	-5.8347E-05	-0.00013	0.000107317	-2.5915E-07
-0.00392967	0.000147095	7.5752E-05	-0.0002	-8.4278E-05	2.42259E-05
-0.0307479	3.44334E-05	-6.716E-05	-4.7E-05	-0.00022521	-4.3105E-05
0.035253219	-3.53163E-05	1.3757E-06	2.1E-05	-0.00021341	-1.3258E-06
0.001587153	-0.00026192	-0.00010319	7.5E-05	-1.8621E-05	0.000196348
-0.0014302	-3.34325E-05	-8.5893E-05	0.00032	-3.0923E-05	6.14263E-06
0.027810645	0.00014579	-2.6494E-06	-2.3E-05	0.000324221	-2.8419E-06
-0.00480497	-1.03359E-05	1.5852E-06	3.7E-05	3.35167E-05	-3.3674E-07
0.003584302	-1.29167E-05	-0.00020112	4.2E-05	-2.4797E-05	5.42769E-05



0.022217561	5.81894E-06	-4.2028E-05	3.3E-05	-6.0498E-05	-3.2983E-05
-0.00150161	1.37048E-05	-8.2557E-06	7E-05	-1.2277E-05	-1.6925E-06
7.73396E-05	1.36316E-05	4.8985E-06	-4.4E-05	-2.1168E-07	8.91395E-06
0.003245238	8.91491E-06	6.2183E-05	5.7E-05	1.28981E-05	3.50942E-05
0.040908246	5.96768E-05	-7.1476E-05	-2.3E-05	-0.00014608	-0.00033449
-0.02158933	0.000148038	-6.408E-05	8.9E-05	-0.00014045	-0.00022416
0.016470782	8.02882E-05	0.00068662	0.00036	-0.00061672	3.93201E-05
-0.01100075	-3.22094E-05	-1.9173E-06	-3.1E-05	3.76131E-05	5.28259E-06
-0.02597529	1.40294E-05	-3.8522E-05	8.8E-05	-7.8922E-05	-5.8543E-05
0.005368345	-1.53991E-05	1.12E-05	1.6E-05	1.63425E-05	-1.861E-05
-0.02064805	0.000251144	0.00024117	-0.00022	-0.00033555	0.000229341
0.007910238	-5.73183E-05	-0.00014806	-1.6E-05	-4.6893E-05	0.000241488
0.007972076	-1.73149E-05	-0.00015063	-0.00012	5.73789E-05	5.03459E-05
-0.00254733	3.04566E-05	7.1567E-05	-5.7E-05	-3.9868E-05	8.89864E-06
0.039357209	8.59558E-05	-8.828E-05	-3.3E-05	-0.00017216	-0.00039655

Covar	0.000263667	0.00050958	0.00031	0.000140639	0.000237327
fce	0.000263667	0.00050958	0.00031	0.000140639	0.000237327

**COVAR - MATI**

	CETV	ČEZ	ERSTE
CETV	0.00151	0.000263667	0.000509581
ČEZ	0.00026	0.000380658	0.000237327
ERSTE	0.00051	0.000237327	0.000847554
KB	0.00031	0.000206823	0.000362768
PM	0.00014	7.09644E-05	0.000119321

**COVAR - MATI**

	CETV	ČEZ	ERSTE
CETV	0.00151	0.000263667	0.000509581
ČEZ	0.00026	0.000380658	0.000237327
ERSTE	0.00051	0.000237327	0.000847554
KB	0.00031	0.000206823	0.000362768
PM	0.00014	7.09644E-05	0.000119321

sigma	0.03891	0.019510461	0.029112773
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**COREL - MATIC**

sigma^2	sigma		CETV	ČEZ	ERSTE
0.001514244	0.038913289	CETV	1	0.347287835	0.449812812
0.000380658	0.019510461	ČEZ	0.34729	1	0.417827343
0.000847554	0.029112773	ERSTE	0.44981	0.417827343	1
0.000504391	0.022458645	KB	0.35761	0.472007282	0.554831682
0.000332472	0.018233817	PM	0.19821	0.199478127	0.224779861

		COREL - MATIC	
	CETV	ČEZ	ERSTE
CETV	1	0.347287835	0.449812812
ČEZ	0.34729	1	0.417827343
ERSTE	0.44981	0.417827343	1
KB	0.35761	0.472007282	0.554831682
PM	0.19821	0.199478127	0.224779861

ČEZ-KB	ČEZ-PM	ERSTE-KB	ERSTE-PM	KB-PM
1.83217E-05	1.19412E-07	0.000116	7.53283E-07	9.17743E-07
-9.6112E-05	4.06016E-05	2.96E-05	-1.2521E-05	-1.9401E-05
3.23708E-05	-5.2459E-05	1.16E-05	-1.8866E-05	-4.4999E-06
6.79145E-07	-1.0011E-05	-4E-06	5.91997E-05	-2.956E-06
5.62014E-05	-5.6375E-06	9.7E-05	-9.7334E-06	-7.2665E-06
0.000680958	1.35633E-05	0.000186	3.69789E-06	5.11448E-05
-0.00014534	-5.7979E-05	6.2E-05	2.47242E-05	3.31534E-05
0.000319507	-6.8404E-05	0.000155	-3.3176E-05	-1.4737E-05
1.07301E-05	-1.1367E-05	8.11E-05	-8.5896E-05	-2.1144E-05
-2.286E-05	5.95989E-06	4.61E-05	-1.2013E-05	-2.8131E-05
7.15905E-05	-2.8645E-05	-2.3E-07	9.15124E-08	-2.0595E-05
0.000700935	1.99287E-06	0.000555	1.5779E-06	2.10379E-06
-2.0948E-05	2.28251E-05	0.000108	-0.00011767	-1.9055E-05
0.000281944	8.25207E-05	-0.0002	-5.8598E-05	0.00010158
5.3909E-05	4.39239E-05	6.52E-05	5.31131E-05	2.39611E-05
0.000219638	7.32555E-05	-0.00047	-0.00015685	6.3263E-05
5.5252E-05	5.19101E-05	-2E-05	-1.9095E-05	3.21912E-06
7.26889E-06	-0.00017085	7.86E-06	-0.00018462	-4.7132E-06
-0.00031768	3.1027E-06	0.000435	-4.251E-06	-1.2208E-06
0.000194613	0.000190993	0.000348	0.000341432	0.00013996
1.64388E-05	1.90864E-05	8.96E-05	0.000104061	1.75172E-05
8.26128E-06	-2.124E-06	-4.1E-05	1.06396E-05	-3.8555E-06
-6.2319E-06	-2.9733E-05	-1.3E-05	-6.3992E-05	6.11665E-06
1.09347E-05	1.17422E-05	-4.4E-05	-4.7593E-05	3.00366E-05
-1.5329E-05	-2.8037E-05	-5.4E-05	-9.8974E-05	0.000173929
-0.00013616	0.000114526	3.34E-05	-2.8126E-05	-0.00020842
-0.00015684	1.06621E-05	0.000409	-2.7789E-05	-5.7372E-05
-4.5578E-06	-9.5656E-06	-7.3E-05	-0.0001533	1.4852E-05
-8.3354E-05	-6.0036E-07	-6.8E-05	-4.9048E-07	8.30462E-07
0.000951968	3.46201E-06	0.000342	1.24405E-06	1.64474E-06
0.000192922	5.39293E-05	9.03E-05	2.52397E-05	8.29948E-05
-0.00012015	7.24347E-06	-1.3E-05	7.63278E-07	-1.2544E-05
-2.5113E-05	9.56338E-05	5.03E-05	-0.00019138	-3.5877E-06
0.000732734	-5.0377E-05	-0.00134	9.18658E-05	-6.7681E-05
7.05894E-05	8.13434E-06	-1.6E-05	-1.8298E-06	3.4647E-05
3.51584E-06	-6.0721E-07	-2.4E-06	4.15792E-07	-3.4633E-08
5.86784E-05	3.14345E-05	-1.2E-05	-6.3782E-06	7.93998E-06
1.92737E-05	-4.7273E-06	-2.2E-05	5.32951E-06	-1.4777E-05
4.93117E-06	7.21461E-08	-8.7E-06	-1.2793E-07	4.08828E-07
1.71006E-05	1.32508E-07	9.26E-05	7.17718E-07	7.71921E-07
1.43042E-05	-4.2922E-05	-2.1E-05	6.21717E-05	-7.7318E-06
3.92213E-06	-5.1949E-06	-1.3E-06	1.73141E-06	-1.6252E-05
7.2608E-05	4.24467E-05	0.000403	0.000235735	9.84421E-05
-8.8648E-06	-4.0583E-06	9.04E-05	4.13839E-05	1.55894E-05
-1.7789E-05	-3.5272E-06	0.00049	9.71189E-05	4.32684E-05
0.000359403	8.21788E-05	0.000295	6.74611E-05	0.00024403
0.000122923	0.000112849	0.000133	0.000121862	2.32247E-05
-5.8708E-05	-2.3194E-05	-0.00011	-4.2538E-05	0.000454358
4.66406E-06	-9.0957E-06	-2.8E-05	5.36705E-05	-3.6295E-05

-0.00045919	-4.2102E-06	-0.00037	-3.3527E-06	9.80773E-06
0.00026516	3.70012E-05	6.91E-06	9.63998E-07	0.000128948
0.000125773	0.000186369	6.62E-05	9.81196E-05	5.74309E-05
7.86949E-05	8.41348E-05	0.000102	0.000108544	0.000105059
-0.0002158	-0.00026825	-0.00012	-0.00015409	7.93027E-05
-4.1743E-05	-4.2078E-06	0.000365	3.68221E-05	7.24807E-05
5.92349E-05	-5.7158E-05	2.93E-05	-2.8291E-05	-6.9593E-05
2.91819E-06	1.74575E-05	2.99E-06	1.78778E-05	4.44757E-06
0.000680373	5.65799E-05	0.000282	2.34809E-05	6.88119E-05
0.000262188	0.000255638	1.32E-05	1.28599E-05	0.000190294
4.20625E-06	-0.00032997	-1.4E-06	0.000111134	-4.0096E-06
7.39174E-05	4.09902E-05	8.41E-05	4.666E-05	4.90452E-05
0.0001431	-2.4452E-06	-0.00041	7.03825E-06	-1.1911E-05
-2.4591E-06	-5.905E-06	5.65E-05	0.000135682	3.30287E-05
1.64607E-05	2.56263E-07	7.55E-05	1.17494E-06	7.47078E-07
0.000174465	3.6854E-05	0.000132	2.79123E-05	2.31528E-05
4.33343E-05	5.39964E-05	0.000116	0.000144301	0.000374222
-0.00017468	0.000115477	6.32E-05	-4.179E-05	-7.3731E-05
-7.6571E-05	0.000107082	-0.00013	0.000181397	-2.5769E-05
-0.00010708	-5.9227E-06	5.25E-05	2.90401E-06	1.05496E-05
0.000106728	1.08887E-07	-0.00027	-2.7295E-07	2.54649E-07
-9.8971E-05	1.91209E-06	0.001378	-2.6626E-05	-5.3094E-05
-1.8827E-06	-4.2112E-05	-1.2E-05	-0.00027024	4.48531E-06
0.000308473	0.000362556	9.52E-05	0.000111924	7.40584E-05
5.74947E-05	5.6881E-05	8.72E-05	8.63152E-05	2.11456E-05
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-4.108E-05	-2.5955E-05	-1.8E-05	-1.1581E-05	9.08153E-06
-0.00030413	7.31812E-05	-0.00022	5.40392E-05	-0.00010375
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0.002600898	0.000412798	0.001042	0.000165453	0.000258643
1.65702E-05	-2.1741E-05	3.43E-05	-4.5019E-05	-1.9323E-05
-4.8408E-05	2.23688E-05	-9.4E-05	4.33582E-05	-3.1798E-05
8.45787E-05	3.05309E-05	0.000247	8.93174E-05	6.58248E-05
-5.8134E-05	-2.6963E-05	1.65E-06	7.65335E-07	2.4453E-05
0.000108705	-5.7985E-05	2.13E-05	-1.137E-05	-1.375E-05
0.000404486	8.21971E-05	0.000288	5.86219E-05	4.05511E-05
-5.6479E-05	-2.2896E-06	4.32E-05	1.75272E-06	2.92244E-07
0.000162467	-4.8276E-05	0.000113	-3.355E-05	-5.1442E-05
-0.00016716	8.64066E-06	0.000299	-1.5432E-05	-3.3277E-05
1.55151E-05	-0.00010783	-1.1E-06	7.37055E-06	-3.2171E-06
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9.898E-05	2.17558E-05	0.000596	0.000131048	0.000145951
1.93432E-05	1.07433E-05	5.35E-07	2.96959E-07	1.39634E-05
-1.3241E-05	-1.4833E-05	6.56E-05	7.34521E-05	5.94902E-05
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3.14151E-05	-1.2316E-05	-8.3E-05	3.26441E-05	-3.1029E-05
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2.44935E-05	1.77842E-05	-7.4E-06	-5.4004E-06	9.72008E-07

5.44175E-05	1.76733E-05	-6.3E-05	-2.0475E-05	6.76017E-05
1.8662E-05	3.71074E-07	-3.5E-05	-6.9087E-07	3.00815E-07
7.17823E-07	2.10259E-06	2.24E-05	6.5566E-05	2.79929E-05
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4.71124E-05	0.000184128	-5.1E-05	-0.00020007	2.56131E-05
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1.59661E-05	-1.5942E-05	-0.00011	0.00010676	-3.5352E-05
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6.32157E-05	3.30003E-05	0.000569	0.000297245	0.000122705
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8.35844E-05	1.48695E-05	-0.00017	-2.9897E-05	2.73493E-05
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3.12859E-05	6.03321E-05	1.27E-06	2.44418E-06	1.05467E-05
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9.75006E-07	-7.287E-06	-4E-06	2.97922E-05	-3.2513E-07
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7.6949E-05	7.66844E-05	-1.2E-05	-1.2428E-05	6.05871E-05
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3.10384E-05	0.00021768	0.000153	0.001071294	0.000111402
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1.11649E-06	1.18275E-05	3.72E-07	3.94406E-06	4.90569E-07
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3.48327E-06	4.8599E-08	7.3E-05	1.01901E-06	4.28709E-07
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2.98068E-06	-2.3009E-06	-2.8E-06	2.1501E-06	-1.548E-07
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3.76119E-05	-6.134E-06	-0.00011	1.79621E-05	-8.0129E-06
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1.25348E-06	1.68481E-07	-3E-05	-4.0769E-06	3.91694E-06
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3.33266E-06	-4.0656E-06	-1.1E-05	1.38126E-05	-5.2328E-06
3.97188E-05	1.70399E-05	-4.1E-05	-1.75E-05	3.0609E-05
-4.3977E-05	-5.2645E-05	0.000128	0.00015299	5.07322E-05
1.55082E-06	5.88062E-06	9.02E-06	3.42021E-05	3.44192E-06
0.000157236	-5.9749E-05	-5.7E-05	2.18157E-05	-3.7622E-05
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3.36001E-05	5.27347E-05	0.000123	0.000192937	3.27028E-05
0.000486112	0.000224593	-0.0002	-9.3207E-05	0.000107626
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1.82517E-06	1.6103E-07	0.001207	0.000106522	7.66619E-05
-8.2269E-05	1.12465E-06	1.99E-05	-2.7156E-07	-4.3754E-07
0.000151977	-0.0001176	-0.00057	0.000442119	-0.0002641
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4.81072E-05	2.37663E-05	0.000136	6.71825E-05	8.98502E-05
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3.07941E-06	-1.754E-06	-8.5E-05	4.82487E-05	-0.00010018
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6.52989E-05	-3.2732E-07	0.000187	-9.3551E-07	-1.1933E-06



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3.69089E-05	-2.7397E-05	-4.4E-05	3.28736E-05	-2.9555E-06
-6.1305E-05	1.03116E-05	0.000354	-5.9544E-05	-1.043E-05
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1.94577E-05	1.14758E-05	0.000461	0.000271741	0.000185484
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2.75919E-06	-7.9015E-06	-2.9E-05	8.19297E-05	-8.2548E-06
7.07421E-05	4.5143E-05	3.5E-05	2.23528E-05	9.51424E-05
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4.49155E-05	4.98822E-05	7.5E-05	8.333E-05	1.95702E-05
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1.27747E-05	3.40891E-05	-2.4E-05	-6.4064E-05	7.21205E-06
9.35198E-05	1.13564E-05	8.38E-05	1.01754E-05	7.76417E-06
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2.00405E-06	1.31182E-06	-7.3E-05	-4.795E-05	4.87595E-05
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4.88264E-05	2.16105E-05	-8.9E-05	-3.946E-05	3.50806E-05
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1.42679E-05	-4.0648E-05	-0.00015	0.000423411	-6.4836E-05
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2.38362E-05	-5.6528E-05	8.92E-06	-2.1157E-05	-8.8878E-06
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2.90934E-06	-9.9075E-05	2.91E-05	-0.00099138	-4.598E-05
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2.13664E-06	6.8419E-06	4.46E-06	1.4267E-05	3.18478E-06
1.22364E-06	2.04075E-06	-2.8E-06	-4.5939E-06	3.34438E-07
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8.62E-05	-5.9423E-05	1.48E-05	-1.0187E-05	-5.8178E-05
7.87733E-05	2.75815E-05	0.00029	0.000101469	4.98533E-05
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1.02189E-05	-1.3942E-06	-9.7E-05	1.31852E-05	-6.4784E-06
1.04675E-05	1.18529E-06	0.00016	1.81095E-05	1.10594E-06
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9.31901E-05	5.71714E-05	0.000172	0.000105417	0.000100086
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-5.461E-05	-4.4554E-05	-4.9E-05	-3.9935E-05	5.74967E-05
-0.00022473	6.7009E-05	0.000293	-8.7366E-05	-8.6909E-05
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-3.7294E-05	5.29163E-05	9.89E-06	-1.4039E-05	-5.1891E-05
1.82144E-05	2.59151E-05	0.000124	0.00017672	0.00011821
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-0.00019314	7.91508E-05	5.61E-05	-2.2971E-05	-6.7252E-05
1.94114E-05	-1.3622E-05	0.000239	-0.00016785	-0.00010223

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-4.7571E-07	-1.8383E-06	-1.4E-05	-5.3131E-05	1.62193E-05
-3.0215E-05	2.15339E-05	0.000194	-0.00013825	-4.4973E-05
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6.07976E-05	1.15533E-06	5.19E-05	9.86834E-07	3.14762E-07
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8.08765E-05	3.50826E-05	0.000169	7.34385E-05	3.20522E-05
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-2.6023E-05	-1.2271E-05	4.72E-05	2.22699E-05	1.92731E-05



-4.5175E-05	5.14146E-05	-2.6E-05	2.98798E-05	-6.4561E-05
-0.00014333	-2.1596E-05	-0.00021	-3.1993E-05	2.83982E-05
4.22528E-06	5.73168E-06	3.33E-06	4.51622E-06	7.2277E-06
6.38084E-06	1.64169E-06	1.58E-06	4.07088E-07	1.32023E-07
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6.39552E-05	8.14565E-05	4.27E-05	5.43535E-05	7.53525E-05
7.19624E-05	4.01622E-05	0.000106	5.90473E-05	3.03654E-05
5.02882E-05	1.9937E-05	7.62E-05	3.01995E-05	1.13874E-05
3.40584E-05	4.25731E-06	-1.3E-05	-1.5661E-06	1.70137E-06
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-4.0356E-05	2.67312E-05	8.34E-05	-5.5211E-05	-1.1729E-05
-4.7243E-06	-7.8745E-05	-8.4E-07	-1.4074E-05	8.84989E-06
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5.8267E-05	-0.00152807	2.84E-05	-0.00074382	-0.00049326
9.48181E-05	6.18157E-05	-1.3E-05	-8.3769E-06	9.62266E-05
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8.21563E-06	-5.9814E-07	-1E-05	7.5011E-07	-2.2639E-06
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0.000271725	4.81059E-05	0.000132	2.33509E-05	0.000106721
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5.65794E-06	2.92815E-05	-2.1E-06	-1.0681E-05	2.66708E-05
8.6082E-07	5.59536E-06	2.83E-05	0.00018401	4.04216E-05
1.66343E-05	3.56397E-06	-9.6E-06	-2.0589E-06	7.01835E-07
9.86567E-06	7.6294E-05	2.28E-05	0.000176296	2.58274E-05
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3.99291E-05	-3.3529E-05	5.44E-05	-4.5643E-05	-3.432E-05
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4.82142E-05	8.29769E-05	-1.3E-05	-2.1626E-05	1.39385E-05
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4.32755E-05	1.11172E-05	0.000198	5.07527E-05	3.83014E-05
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5.90435E-05	4.24488E-07	0.000154	1.10786E-06	8.31976E-07
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-4.3852E-05	4.57147E-05	-2.6E-05	2.67643E-05	-5.9948E-05
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-9.5991E-05	-0.00014956	0.00114	0.00177607	0.000852297
2.67238E-06	-1.0894E-05	1.36E-05	-5.5473E-05	-1.8453E-05
-2.0387E-06	-3.4945E-07	0.000127	2.17465E-05	5.08028E-05
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2.41105E-05	7.74403E-05	-3E-05	-9.7321E-05	0.000153734
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6.24404E-05	7.85421E-06	0.000241	3.03143E-05	1.23465E-05
-8.0149E-06	-3.1325E-06	0.000724	0.000283065	0.000465649
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9.92987E-06	-6.1839E-05	-7.7E-05	0.000480062	-0.00016247
2.33974E-06	-1.0884E-06	-0.00012	5.6644E-05	-4.7231E-05
1.10839E-06	5.31164E-06	9.87E-06	4.72866E-05	1.052E-05
2.37904E-05	-4.1649E-05	9.52E-05	-0.00016669	-0.00023341
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4.1835E-05	-3.8664E-05	-0.00015	0.000141754	-3.7643E-05
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2.1655E-05	2.64204E-05	0.000587	0.000715936	0.000276971
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0.000151272	3.08337E-05	0.001494	0.000304436	0.000126443
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4.57297E-05	5.66489E-05	0.00087	0.001077582	0.001783883
2.86513E-06	1.9606E-06	3.12E-05	2.13762E-05	2.89955E-06
-3.6045E-06	4.88584E-06	-4.1E-06	5.56344E-06	-5.7788E-06
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2.28744E-05	1.15904E-05	0.000437	0.000221449	0.000182855
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4.742E-05	4.01759E-06	0.000178	1.50547E-05	7.19289E-06
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5.33273E-05	4.68123E-05	5.97E-05	5.24468E-05	2.99543E-05
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1.67867E-05	2.16606E-06	3.74E-05	4.81971E-06	9.18166E-06
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7.30561E-06	2.1618E-06	0.000126	3.71488E-05	0.000125807
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1.04763E-06	4.03887E-06	3.9E-06	1.50318E-05	7.8477E-05
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8.00035E-05	-1.654E-05	6.4E-05	-1.3231E-05	-3.1366E-05
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3.44217E-05	-8.1609E-05	7.62E-05	-0.00018057	-6.6722E-05
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8.22258E-06	-9.3594E-06	-0.00018	0.000204185	-4.783E-05
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9.83045E-05	0.000931849	7.67E-05	0.000726628	0.000140744
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2.95021E-06	0.000477839	-3E-06	-0.00048625	3.24795E-05
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-4.4184E-05	0.000222557	1.2E-05	-6.0309E-05	-6.5007E-05
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2.38344E-05	0.000150236	1.03E-06	6.47544E-06	0.000128807
3.98884E-05	-3.5233E-05	-5.6E-05	4.92134E-05	-5.1042E-05
6.88591E-05	-9.2701E-05	-3E-05	4.09978E-05	-4.5475E-05
1.58914E-05	-6.6642E-05	-2.5E-05	0.000105799	-1.2812E-05
6.18836E-05	0.000265218	8.37E-05	0.000358903	0.000199293
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8.05229E-05	-0.00016695	7.43E-06	-1.5413E-05	-0.00014466
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6.85127E-05	7.65452E-05	4.33E-05	4.84067E-05	3.44038E-05
8.78796E-05	5.3961E-05	-4.7E-05	-2.8636E-05	6.33621E-05
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0.000209908	0.000155451	0.000474	0.000351243	0.000168135
-3.1589E-05	2.1114E-05	5.04E-05	-3.3658E-05	-4.9072E-05
-3.7164E-05	2.8696E-05	0.000636	-0.00049089	-0.00035642
-9.2174E-05	8.80647E-07	0.000231	-2.2039E-06	-6.2605E-07
-3.1737E-05	5.46114E-05	-3.1E-05	5.37754E-05	-8.3761E-06
0.00139684	0.000500811	0.00099	0.00035509	0.000576425
0.00027955	3.61808E-05	0.000273	3.53524E-05	3.05948E-05
-2.7931E-05	-6.723E-05	7.69E-05	0.000184981	4.78634E-05
9.53812E-05	-3.71E-05	-2.5E-05	9.81528E-06	-4.8326E-05
7.02601E-05	-1.6361E-05	2.06E-05	-4.8078E-06	-3.9602E-05
1.5539E-05	4.48298E-05	7.57E-05	0.000218338	1.693E-05
0.00025025	6.71457E-05	-0.00012	-3.2512E-05	0.000114462
7.13187E-05	0.000473586	3.51E-05	0.000233008	7.57214E-05
0.000209687	-0.00025908	0.000157	-0.00019359	-5.4858E-05
-0.00016915	-8.3076E-05	2.81E-05	1.38022E-05	1.65979E-05
-7.6125E-05	-6.2026E-05	-2.2E-05	-1.7554E-05	9.97994E-05
-3.5558E-05	-2.0912E-05	1.86E-05	1.09486E-05	3.54916E-05
-1.7115E-05	-7.2869E-05	1.22E-05	5.17455E-05	7.33146E-06
-9.066E-05	0.00036939	3.12E-05	-0.00012731	-6.4274E-05
8.11566E-06	-9.0454E-05	-4.2E-06	4.71149E-05	-6.1423E-06
-6.2863E-06	1.09003E-05	-1.4E-05	2.46061E-05	-4.5767E-06
3.45383E-06	-2.5404E-05	5.33E-06	-3.9202E-05	-3.9239E-06
5.04097E-06	-1.3782E-05	5.33E-06	-1.4579E-05	-1.5063E-06
-4.4337E-05	0.00010445	-8.2E-05	0.000192749	-1.8443E-05
-0.00014729	1.40416E-05	0.000437	-4.1688E-05	-9.4563E-05
-1.6591E-05	-2.0549E-05	2.73E-06	3.37815E-06	7.62835E-06
6.77886E-06	-1.0854E-05	1.31E-05	-2.1006E-05	-5.9806E-06
-1.9474E-05	1.23803E-05	-2.3E-06	1.48125E-06	-6.5988E-06
1.89025E-05	2.76374E-06	0.000247	3.60651E-05	5.09741E-05
-0.0001192	2.48039E-05	-2.7E-05	5.57972E-06	-1.2653E-05
2.52591E-05	2.24666E-05	-3.4E-05	-3.0037E-05	1.65625E-05
2.33444E-05	-4.6933E-05	-1.9E-05	3.84275E-05	-4.7724E-05
-1.2468E-06	-0.00014068	-1.7E-06	-0.0001908	1.31079E-06
0.000298129	-0.00022459	0.000207	-0.000156	-0.00017863
0.000234091	-0.00025721	0.000138	-0.00015194	-0.00028789
-1.6389E-05	5.31129E-05	1.1E-05	-3.5525E-05	-8.951E-05
-0.00029804	7.57964E-05	0.000229	-5.8121E-05	-4.0455E-05
3.2624E-05	-9.9308E-06	7.35E-05	-2.2364E-05	-1.2152E-05
1.77518E-05	1.43396E-05	6.94E-06	5.60264E-06	1.1646E-05
-7.795E-06	-1.7687E-05	-0.00011	-0.00025467	5.82244E-05
-0.00017286	0.000205159	-1.7E-05	2.02609E-05	-0.00020376
-9.7615E-06	7.54599E-07	7.53E-05	-5.8236E-06	-2.5866E-05
0.000674873	-0.00023703	4.6E-05	-1.6158E-05	-0.00023547
1.27156E-05	1.99119E-05	3.05E-05	4.77703E-05	3.31396E-06
-3.0874E-05	7.81465E-06	-1.1E-05	2.65998E-06	-5.8506E-06
0.000247574	0.000124968	-0.00015	-7.3535E-05	0.000133111
-2.4958E-05	6.95135E-05	-6.6E-05	0.000183782	-2.7736E-05
-9.78E-06	7.22562E-05	2.39E-05	-0.00017693	-3.859E-05
-1.4676E-06	-2.0082E-06	0.000168	0.000230014	5.46625E-05
1.46279E-05	-4.238E-05	1.54E-05	-4.4627E-05	-5.4561E-05

4.90036E-06	-0.00020731	1.27E-05	-0.00053696	-3.5551E-06
-1.1751E-06	-2.0275E-05	-3.3E-06	-5.7566E-05	2.55805E-07
0.000128022	-6.474E-05	-0.00061	0.000308786	-0.00011363
-1.7319E-07	-1.3229E-06	-8.5E-06	-6.482E-05	7.01514E-07
0.000175953	0.000126447	-9.1E-05	-6.5724E-05	9.53895E-05
2.01161E-05	-1.8696E-05	0.000125	-0.00011651	-5.8673E-05
4.67602E-05	-4.5905E-06	-0.00013	1.31709E-05	-6.4877E-05
-3.9505E-06	4.52799E-05	-2.1E-06	2.36468E-05	-1.1214E-05
9.63141E-05	-0.000103	6.4E-05	-6.847E-05	-9.5919E-05
-4.9964E-05	-1.273E-05	4.87E-05	1.24019E-05	2.53884E-06
-1.0412E-05	-6.8807E-05	-7.4E-06	-4.8702E-05	1.19582E-05
-3.8958E-05	-1.3315E-05	-0.00022	-7.3976E-05	7.0807E-05
4.6097E-06	9.21751E-06	3.29E-07	6.57853E-07	4.1907E-06
8.91737E-05	9.80434E-05	-1.2E-05	-1.3611E-05	7.89874E-05
0.000129004	-0.00014445	6.5E-05	-7.2765E-05	-0.00023053
1.56433E-05	-6.1532E-05	-1.4E-05	5.63569E-05	-4.2371E-06
0.000185325	5.62835E-06	0.000137	4.14591E-06	5.67048E-06
-1.0268E-05	1.01655E-07	-0.0002	2.00827E-06	-6.0417E-07
-3.13E-08	5.03152E-06	-9.5E-08	1.52553E-05	-1.6428E-08
3.07102E-05	-2.6384E-06	-2.8E-06	2.36367E-07	-1.2592E-05
-1.0718E-05	2.25477E-05	4.4E-05	-9.2585E-05	-3.9275E-05
-1.3031E-05	5.05651E-05	-6.7E-06	2.58505E-05	-7.439E-06
1.41999E-06	-9.5083E-07	-6.1E-07	4.11556E-07	-4.8979E-06
-5.7019E-05	-0.00010453	0.000296	0.000543291	0.00033388
9.06942E-05	4.41062E-06	8.13E-05	3.95373E-06	7.54637E-06
-0.00013107	8.70685E-05	0.000148	-9.8314E-05	-8.4011E-05
0.000556434	7.3653E-06	-1.5E-05	-1.9676E-07	4.21406E-06
5.47654E-05	-0.00012655	-1.1E-05	2.46328E-05	-5.2932E-05
0.000445914	0.000144197	0.000144	4.65725E-05	9.93366E-05
0.000395489	0.000194179	-8.2E-07	-4.0089E-07	6.18553E-05
-1.081E-05	5.4797E-06	-0.0001	5.26366E-05	-2.91E-05
0.000224443	-0.00010909	-0.00016	7.75362E-05	-0.00017184
7.04725E-05	0.000167685	-4.2E-05	-9.9119E-05	0.000188481
0.000165627	0.000248199	-3.7E-05	-5.4778E-05	0.000197473
-0.00027302	0.000143106	-1.6E-05	8.42493E-06	-2.0929E-05
7.48248E-05	-1.25E-05	0.000106	-1.7727E-05	-1.0833E-05
1.78547E-05	1.49567E-05	-9.8E-05	-8.1938E-05	0.000207486
-1.7625E-05	0.000569259	1.69E-06	-5.4732E-05	-2.2273E-05
-0.00012355	0.000207569	-3.1E-05	5.28323E-05	-8.5762E-05
0.001464407	-0.00064597	0.001851	-0.00081629	-0.00073983
2.3292E-05	-8.7549E-05	2.49E-06	-9.3596E-06	-7.5375E-07
0.000427801	-4.4892E-05	0.000163	-1.7105E-05	-0.00014985
0.000557658	0.001634618	-0.00017	-0.00048604	0.000493773
0.000487712	-0.00085611	0.000445	-0.00078201	-0.00062498
-3.1172E-05	5.48543E-05	-0.00034	0.000594491	-0.00037561
-8.5956E-05	0.000493442	0.000189	-0.00108291	-0.0002081
0.003813878	0.000840195	0.00278	0.000612487	0.000771853
-0.0001491	1.27786E-05	0.001057	-9.0598E-05	-7.4315E-05
-0.00125898	-0.00104143	-0.00013	-0.00010861	0.000573484
0.001382261	-0.00072309	0.000317	-0.00016575	-0.00031339

0.001164624	0.000132958	0.000465	5.30738E-05	8.34408E-05
0.000400729	-0.00014976	-0.00033	0.000121814	-0.00021486
0.000270998	-0.00011599	-0.00067	0.000287821	-0.000315
-0.00017418	-0.0008337	6.87E-05	0.000328674	0.000205872
0.000561827	5.54548E-05	0.000446	4.4025E-05	9.22957E-05
0.002443797	5.91429E-05	0.000688	1.66537E-05	4.65109E-05
8.96504E-05	-0.00021293	4.51E-05	-0.00010715	-7.9877E-05
0.000116213	-0.00035773	2.27E-05	-6.9947E-05	-0.00015809
6.99634E-05	-2.594E-05	0.000251	-9.3142E-05	-0.00017206
1.44006E-05	-3.1175E-06	-0.00018	3.81639E-05	-0.00013788
-1.8588E-06	-1.5364E-05	-1.2E-05	-9.6618E-05	6.93487E-06
-0.00031452	0.000610878	3.83E-05	-7.4376E-05	-6.2106E-05
1.58282E-05	1.39229E-05	0.000198	0.000174552	0.00017414
0.000294709	0.00035048	0.000242	0.000287682	0.000264966
-1.7812E-05	4.85247E-05	-4.5E-05	0.000121763	-6.0174E-05
-3.4793E-06	0.000119294	1E-05	-0.00034376	-3.9575E-06
4.40477E-05	2.0048E-05	0.000264	0.000120278	6.91061E-05
0.000484777	8.27208E-06	0.000207	3.52801E-06	7.11494E-06
0.000236441	-0.00032098	-5E-05	6.79148E-05	-0.00014357
0.001157083	0.001119436	0.000166	0.000160986	0.000612926
-0.0001106	0.000124552	-0.00013	0.000150671	-6.4218E-05
3.00271E-05	0.00011981	1.99E-05	7.9528E-05	8.21471E-05
3.02148E-05	0.000216309	-9.4E-07	-6.7016E-06	0.00012147
0.000468103	-9.1729E-05	0.000415	-8.1406E-05	-0.00056312
0.00014422	-4.7806E-05	-1.9E-05	6.14177E-06	-1.9789E-05
0.000437282	-0.0002157	-0.00074	0.000366843	-0.00036654
6.47182E-05	0.000175607	1.45E-05	3.92345E-05	3.67132E-05
0.0001259	0.000912993	3E-05	0.000217661	0.000113699
0.000402068	0.000280005	0.000505	0.000351531	0.000355891
0.000492776	0.001103873	-2.3E-06	-5.1632E-06	0.000230427
0.00135952	-0.0008356	0.000181	-0.0001115	-0.00046637
4.57735E-05	-0.000249	7.54E-07	-4.1021E-06	-1.0999E-05
6.73621E-05	-2.008E-05	0.000101	-3.0163E-05	-5.0867E-05
-3.1933E-06	-4.2049E-05	-5.4E-06	-7.0866E-05	1.48739E-05
-0.00014917	7.99075E-06	1.09E-05	-5.8203E-07	-2.0968E-06
-2.9258E-06	-0.00052129	-1.6E-06	-0.00028394	3.59244E-06
-0.00014387	4.72229E-05	5.05E-05	-1.6576E-05	-5.1554E-05
3.98739E-05	3.43412E-05	3.82E-06	3.29273E-06	4.41837E-05
-2.5402E-05	-2.3051E-05	9.37E-05	8.50604E-05	0.000109602
7.3356E-06	-1.7534E-05	-2.3E-05	5.47747E-05	-9.9005E-05
-5.1988E-05	2.91324E-05	-0.00015	8.30836E-05	-4.4592E-05
-5.9302E-07	4.7664E-07	5.76E-05	-4.628E-05	-0.00010591
-6.5423E-05	-2.6952E-05	-3.4E-05	-1.388E-05	3.7484E-05
-3.0425E-05	-0.00014455	5.93E-05	0.000281932	0.000198997
-2.0132E-05	0.000205666	7.84E-07	-8.0115E-06	-0.00012165
-0.00014328	3.54319E-05	-5.6E-05	1.39595E-05	-1.0186E-05
-2.2736E-05	2.21146E-06	-5.8E-05	5.68157E-06	-2.1029E-05
-2.4519E-05	0.000347784	4.46E-07	-6.3201E-06	-5.4527E-05
-7.8024E-06	-7.1198E-06	1.2E-06	1.09196E-06	2.53012E-05
-1.1457E-05	6.69202E-06	-0.00018	0.0001042	-2.1995E-05

2.62464E-05	-4.7478E-05	-0.00019	0.000342916	-0.00027288
1.42601E-05	-2.517E-06	-8.6E-06	1.51622E-06	-1.2775E-05
-8.0905E-05	-3.8519E-07	-2.9E-05	-1.3842E-07	1.25632E-06
3.21542E-05	7.27922E-06	0.000224	5.07742E-05	4.65207E-05
-0.00010652	-0.00068364	0.000128	0.000818806	0.000260745
0.000311833	-0.00049129	-0.00013	0.000212662	-0.00029584
2.03379E-05	-3.5317E-05	0.000174	-0.00030203	-0.00015622
8.46803E-05	-0.00010363	5.04E-06	-6.1688E-06	-9.8887E-05
0.000134004	-0.00011994	-0.00037	0.000329331	-0.00075383
-2.7393E-05	-2.7156E-05	1.99E-05	1.97501E-05	2.90717E-05
-0.00020569	-0.0003191	-0.0002	-0.00030642	0.000274816
2.68599E-05	7.64824E-05	6.94E-05	0.000197566	2.19746E-05
3.92627E-05	-1.9178E-05	0.000342	-0.00016684	-0.00013011
-7.0297E-06	-4.9572E-06	-1.7E-05	-1.1648E-05	9.20189E-06
-0.0001479	-0.00077336	0.000152	0.000794264	0.000296229

0.000206823	7.09644E-05	0.000363	0.000119321	8.27436E-05
0.000206823	7.09644E-05	0.000363	0.000119321	8.27436E-05

**CE (skladani)**

KB	PM
0.00031253	0.000140639
0.000206823	7.09644E-05
0.000362768	0.000119321
0.000504391	8.27436E-05
8.27436E-05	0.000332472

**CE (fce)**

KB	PM
0.00031253	0.000140639
0.000206823	7.09644E-05
0.000362768	0.000119321
0.000504391	8.27436E-05
8.27436E-05	0.000332472

0.022458645 0.018233817

**CE (kopirovani)**

KB	PM
0.357610257	0.198212085
0.472007282	0.199478127
0.554831682	0.224779861
1	0.202056674
0.202056674	1

∑E (fce)

KB	PM
0.357610257	0.198212085
0.472007282	0.199478127
0.554831682	0.224779861
1	0.202056674
0.202056674	1

**Příklad 1**

Od tří expertů jsme dostali informace o odhadu tržních cen  $i$ -té akcie v okamžiku realizace. Předpokládáme, že tržní cena akcie při tvorbě portfolia byla 150 Kč.

**Odhady jednotlivých expertů:**

Odhady 1. experta		Odhady 2. experta		Odhady 3. Experta	
$G_1$	$I_1$ v %	$G_2$	$I_2$ v %	$G_3$	$I_3$ v %
80	10	100	20	120	50
100	80	120	30	160	50
180	10	150	50		

Spočítejte očekávanou výnosnost a riziko této výnosnosti.

TC 150      počet expertů 3

		Výnosnost					
80	10	80	-0.4666667	10			
100	80	100	-0.3333333	80	20		
180	10	120	-0.2		30	50	
		150	0		50		
100	20	160	0.0666667				50
120	30	180	0.2	10			
150	50						
120	50						
160	50						
		<b>výnosnost</b>		<b>-16.22%</b>			
		<b>riziko</b>		<b>17.53%</b>	<b>rozptyl směr. odch</b>		



VAR - 1. způsob

Suma_pi	Normalizac	des.číslo	ri*pi	ri^2*pi
10	3.333333	0.033333	-0.01556	0.007259
100	33.33333	0.333333	-0.11111	0.037037
80	26.66667	0.266667	-0.05333	0.010667
50	16.66667	0.166667	0	0
50	16.66667	0.166667	0.011111	0.000741
10	3.333333	0.033333	0.006667	0.001333
			-0.16222	0.057037
			-0.16222	0.030721

VAR - 2. způsob

ri-E(ri)	(ri-E(ri))^2	(ri-E(ri))^2*
-0.30444	0.092686	0.00309
-0.17111	0.029279	0.00976
-0.03778	0.001427	0.000381
0.162222	0.026316	0.004386
0.228889	0.05239	0.008732
0.362222	0.131205	0.004373
		0.030721

0.030721

0.175274

ipi

**Příklad 2**

Uvažujme s několika portfolii, tvořenými dvěma cennými papíry.

	$\mu_i$	$\sigma_i$	$\rho_{1,2}=1$	$\rho_{1,2}=0.5$
$G_1$	5%	20%	$\rho_{1,2}=1$	$\rho_{1,2}=0.5$
$G_2$	15%	40%	$\rho_{1,2}=0$	

$$\rho_{ij} = \frac{\sigma_{ij}}{\sigma_i \cdot \sigma_j} \Rightarrow \sigma_{ij} = \rho_{ij} \cdot \sigma_i \cdot \sigma_j$$

Podíly (váhy) jednotlivých cenných papírů v portfoliích budou:

	$P_1$	$P_2$	$P_3$	$P_4$	$P_5$	$P_6$	$P_7$
$X_1$	1	0.83	0.67	0.5	0.33	0.17	0
$X_2$	0	0.17	0.33	0.5	0.67	0.83	1

Vypočítat výnosnosti a rizika jednotlivých portfolií. Sestrojit graf.

výnosnosti

	$P_1$	$P_2$	$P_3$	$P_4$	$P_5$	$P_6$	$P_7$
	0.05	0.067	0.083	0.1	0.117	0.133	0.15

rizika

pro  $\rho_{12}$

1	0.2	0.234	0.266	0.3	0.334	0.366	0.4
-1	0.2	0.098	0.002	0.1	0.202	0.298	0.4
0.5	0.2	0.20849	0.230365	0.264575	0.306379	0.35024	0.4
-0.5	0.2	0.144541	0.133011	0.173205	0.241851	0.316373	0.4
0	0.2	0.179388	0.188096	0.223607	0.276007	0.333736	0.4

$$= \rho_{ij} \cdot \sigma_i \cdot \sigma_j$$

$$\bar{r}_p = \sum_{i=1}^n X_i \cdot r_i$$

$$\sigma_p = \left( \sum_{i=1}^n \sum_{j=1}^n X_i \cdot X_j \cdot \sigma_{ij} \right)^{1/2}$$

*pro n = 2 :*

$$\begin{aligned} \sigma_p &= \left( \sum_{i=1}^n \sum_{j=1}^n X_i \cdot X_j \cdot \sigma_{ij} \right)^{1/2} = \left( \sum_{i=1}^2 \sum_{j=1}^2 X_i \cdot X_j \cdot \sigma_{ij} \right)^{1/2} = \left( \sum_{j=1}^2 X_1 \cdot X_j \cdot \sigma_{1j} + \sum_{j=1}^2 X_2 \cdot X_j \cdot \sigma_{2j} \right)^{1/2} \\ &= \left( X_1 \cdot X_1 \cdot \sigma_{11} + X_2 \cdot X_1 \cdot \sigma_{21} + X_1 \cdot X_2 \cdot \sigma_{12} + X_2 \cdot X_2 \cdot \sigma_{22} \right)^{1/2} = \left( X_1^2 \cdot \sigma_1^2 + X_2^2 \cdot \sigma_2^2 + 2 \cdot X_1 \cdot X_2 \cdot \sigma_{12} \right)^{1/2} \end{aligned}$$

$$\begin{aligned} &= \left( \sum_{j=1}^2 X_1 \cdot X_j \cdot \sigma_{1j} + X_2 \cdot X_j \cdot \sigma_{2j} \right)^{1/2} = \\ &= \left( X_1^2 \cdot \sigma_{11} + 2 \cdot X_1 \cdot X_2 \cdot \sigma_{12} + X_2^2 \cdot \sigma_{22} \right)^{1/2} = \end{aligned}$$

**Příklad 3**

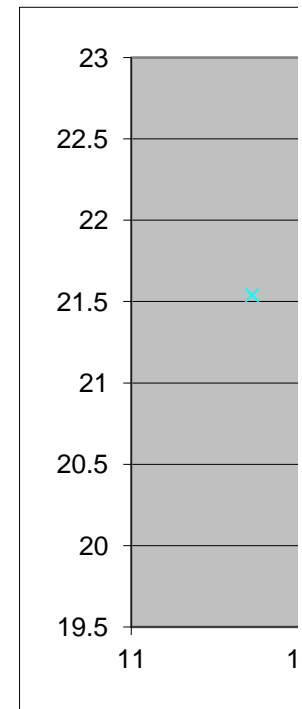
Vypočítejte a graficky zobrazte vytvořená portfolia jestliže známe matici výnosnosti a kovarianční matici

$$[R_i] = \begin{pmatrix} 16.2 \\ 24.6 \\ 22.8 \end{pmatrix}$$

<del>X<sub>i</sub></del> /P <sub>i</sub>	A	B	C	D	E
<del>X<sub>1</sub></del>	0.2	0.25	0.5	0.3	0.1
<del>X<sub>2</sub></del>	0.2	0.25	0.1	0.4	0.2
<del>X<sub>3</sub></del>	0.6	0.5	0.4	0.3	0.7

výnosnosti	A	B	C	D	E
	21.84	21.6	19.68	21.54	22.5

rizika	12.52517	12.17836	13.68978	11.33402	13.12326
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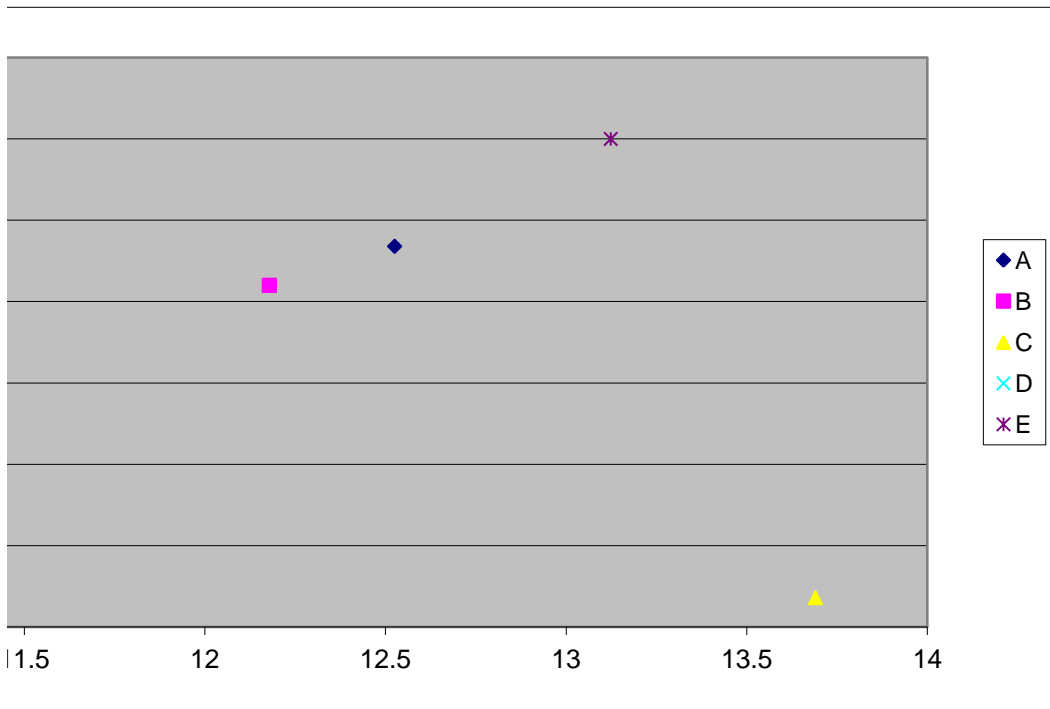
i.

$$[\sigma_{ij}] = \begin{pmatrix} 459 & -211 & 112 \\ -211 & 312 & 215 \\ 112 & 215 & 179 \end{pmatrix}$$

$$\begin{matrix} 459 & -211 & 112 \\ -211 & 312 & 215 \\ 112 & 215 & 179 \end{matrix}$$

pro  $n = 3$ :

$$\sigma_p = \left( \sum_{i=1}^n \sum_{j=1}^n X_i \cdot X_j \cdot \sigma_{ij} \right)^{1/2} = \left( \sum_{i=1}^3 \sum_{j=1}^3 X_i \cdot X_j \cdot \sigma_{ij} \right)^{1/2} = \left( \sum_{j=1}^3 (X_1 \cdot X_j \cdot \sigma_{1j} + X_2 \cdot X_j \cdot \sigma_{2j} + X_3 \cdot X_j \cdot \sigma_{3j}) \right)^{1/2}$$
$$= (X_1^2 \cdot \sigma_1^2 + X_2^2 \cdot \sigma_2^2 + X_3^2 \cdot \sigma_3^2 + 2 \cdot X_1 \cdot X_2 \cdot \sigma_{12} + 2 \cdot X_1 \cdot X_3 \cdot \sigma_{13} + 2 \cdot X_2 \cdot X_3 \cdot \sigma_{23})^{1/2}$$



$$= \left( \sum_{j=1}^3 (X_1 \cdot X_j \cdot \sigma_{1j} + X_2 \cdot X_j \cdot \sigma_{2j} + X_3 \cdot X_j \cdot \sigma_{3j}) \right)^{1/2} =$$

$$\left( X_1^2 \cdot \sigma_{11} + X_2^2 \cdot \sigma_{22} + X_3^2 \cdot \sigma_{33} + 2 \cdot X_1 \cdot X_2 \cdot \sigma_{12} + 2 \cdot X_1 \cdot X_3 \cdot \sigma_{13} + 2 \cdot X_2 \cdot X_3 \cdot \sigma_{23} \right)^{1/2}$$



$$\sigma_{23} + X_3 \cdot X_3 \cdot \sigma_{33})^{1/2}$$

**Příklad 4**

Je zadané portfolio, které se skládá ze dvou cenných papírů následovně:

Cenný papír	Oček. výnos	Riziko	Podíl v portfoliu
$C_1$	0.15	0.28	0.6
$C_2$	0.21	0.42	0.4

1. úloha: Vypočítat očekávaný výnos portfolia

2. úloha: Vypočítejte celkové riziko portfolia, kdy koeficient korelace mezi složkami portfo

pro  $n = 2$  :

$$\sigma_p = \left( \sum_{i=1}^n \sum_{j=1}^n X_i \cdot X_j \cdot \sigma_{ij} \right)^{1/2} =$$

$$= (X_1 \cdot X_1 \cdot \sigma_{11} + X_2 \cdot X_1 \cdot \sigma_{21} +$$

$$= (X_1^2 \cdot \sigma_1^2 + X_2^2 \cdot \sigma_2^2 + 2 \cdot X_1$$

výnosnost      0.174

$\rho_{12}$

-1	0
-0.8	0.106253
-0.6	0.150264
-0.4	0.184035
-0.2	0.212505
0	0.237588
0.2	0.260264
0.4	0.281118
0.6	0.300528
0.8	0.318758
1	0.336

= 2 :

$$\left( \sum_{i=1}^n \sum_{j=1}^n X_i \cdot X_j \cdot \sigma_{ij} \right)^{1/2} = \left( \sum_{i=1}^2 \sum_{j=1}^2 X_i \cdot X_j \cdot \sigma_{ij} \right)^{1/2} = \left( \sum_{j=1}^2 X_1 \cdot X_j \cdot \sigma_{1j} + X_2 \cdot X_j \cdot \sigma_{2j} \right)^{1/2} = \left( X_1 \cdot \sigma_{11} + X_2 \cdot X_1 \cdot \sigma_{21} + X_1 \cdot X_2 \cdot \sigma_{12} + X_2 \cdot X_2 \cdot \sigma_{22} \right)^{1/2} = \left( X_1^2 \cdot \sigma_1^2 + 2 \cdot X_1 \cdot X_2 \cdot \sigma_{12} + X_2^2 \cdot \sigma_2^2 + 2 \cdot X_1 \cdot X_2 \cdot \sigma_{12} \right)^{1/2}$$

lia je z intervalu  $\langle -1; 1 \rangle$ . Krok  $h = 0,2$ . Určete nejmenší a největší riziko portfolia.

$$\rho_{ij} = \frac{\sigma_{ij}}{\sigma_i \cdot \sigma_j} \Rightarrow \sigma_{ij} = \rho_{ij} \cdot \sigma_i \cdot \sigma_j$$

$$\left. X_2 \cdot X_j \cdot \sigma_{2j} \right)^{1/2} =$$

$$+ 2 \cdot X_1 \cdot X_2 \cdot \sigma_{12} + X_2^2 \cdot \sigma_2^2)^{1/2} =$$

**Příklad 5**

Mějme vícesložkové portfolio a matici korelačních koeficientů :

Cenný papír	Oček. výnos	Riziko	Podíl v portfoliu
$C_i$	$\mu_i$	$\sigma_i$	$X_i$
$C_1$	0.13	0.28	0.2
$C_2$	0.25	0.42	0.4
$C_3$	0.21	0.35	0.1
$C_4$	0.41	0.48	0.2
$C_5$	0.3	0.39	0.1

$$[\rho_{GG}] = \begin{pmatrix} 1 & 0.30 & 0.41 & -0.2 & 0.2 \\ & 1 & 0.25 & -0.0 & 0.0 \\ & & 1 & -0.2 & 0.1 \\ & & & 1 & 0.1 \\ & & & & 1 \end{pmatrix}$$

1. úloha: Vypočítejte očekávaný výnos portfolia

2. úloha: Vypočítejte riziko portfolia vyjádřené rozptylem a směrodatnou odchylkou

výnosnost	0.026
	0.1
	0.021
	0.082
	0.03
celkem	0.259

riziko	
rozptyl	0.04912206
odchylka	0.22163497

$\begin{pmatrix} 0.30 & 0.41 & -0.23 & 0.13 \\ 1 & 0.25 & -0.09 & 0 \\ & 1 & -0.22 & 0.31 \\ & & 1 & 0.14 \\ & & & 1 \end{pmatrix}$

$\begin{pmatrix} 1 & & & & \\ 0.3 & 1 & & & \\ 0.41 & 0.25 & 1 & & \\ -0.23 & -0.09 & -0.22 & 1 & \\ 0.13 & 0 & 0.31 & 0.14 & 1 \end{pmatrix}$

$\sigma_{ij}$

	1	2	3	4	5
1	0.0784				
2	0.03528	0.1764			
3	0.04018	0.03675	0.1225		
4	-0.03091	-0.01814	-0.03696	0.2304	
5	0.014196	0	0.042315	0.026208	0.1521