

Date	Close		
2/20/2018	171.850006		
2/21/2018	171.070007	-0.004549168	2.04343E-05
2/22/2018	172.5	0.008324366	6.97743E-05
2/23/2018	175.5	0.017241806	0.000298272
2/26/2018	178.970001	0.019579157	0.000384469
2/27/2018	178.389999	-0.00324604	1.03511E-05
2/28/2018	178.119995	-0.001514707	2.20812E-06
3/1/2018	175	-0.017671478	0.000311266
3/2/2018	176.210007	0.006890531	4.78762E-05
3/5/2018	176.820007	0.0034558	1.2142E-05
3/6/2018	176.669998	-0.000848731	6.72397E-07
3/7/2018	175.029999	-0.009326192	8.64428E-05
3/8/2018	176.940002	0.010853321	0.000118419
3/9/2018	179.979996	0.017035008	0.000291171
3/12/2018	181.720001	0.009621335	9.31238E-05
3/13/2018	179.970001	-0.009676871	9.30866E-05
3/14/2018	178.440002	-0.008537754	7.24034E-05
3/15/2018	178.649994	0.001176129	1.45169E-06
3/16/2018	178.020004	-0.003532625	1.22773E-05
3/19/2018	175.300003	-0.015397117	0.000236187
3/20/2018	175.240005	-0.000342318	9.83354E-08
3/21/2018	171.270004	-0.022915209	0.000523791
3/22/2018	168.850006	-0.0142305	0.00020169
3/23/2018	164.940002	-0.023428999	0.000547572
3/26/2018	172.770004	0.04637947	0.002153721
3/27/2018	168.339996	-0.025975533	0.000673236
3/28/2018	166.479996	-0.011110562	0.000122807
3/29/2018	167.779999	0.007778433	6.09518E-05
4/2/2018	166.679993	-0.006577827	4.28906E-05
4/3/2018	168.389999	0.010206947	0.000104769
4/4/2018	171.610001	0.018941755	0.000359879
4/5/2018	172.800003	0.006910407	4.81517E-05
4/6/2018	168.380005	-0.025911514	0.000669918
4/9/2018	170.050003	0.009869169	9.79685E-05
4/10/2018	173.25	0.018643109	0.000348638
4/11/2018	172.440002	-0.004686277	2.16927E-05
4/12/2018	174.139999	0.009810206	9.68047E-05
4/13/2018	174.729996	0.003382335	1.16354E-05
4/16/2018	175.820007	0.006218882	3.90327E-05
4/17/2018	178.240005	0.013670201	0.000187661
4/18/2018	177.839996	-0.002246738	4.91955E-06
4/19/2018	172.800003	-0.028749373	0.000824875
4/20/2018	165.720001	-0.04183525	0.001747785
4/23/2018	165.240005	-0.00290063	8.2478E-06
4/24/2018	162.940002	-0.014016946	0.00019567
4/25/2018	163.649994	0.004347917	1.91551E-05
4/26/2018	164.220001	0.003477034	1.22904E-05
4/27/2018	162.320007	-0.01163726	0.000134758
4/30/2018	165.259995	0.017950222	0.000323243
5/1/2018	169.100006	0.02297033	0.000528957

5/2/2018	176.570007	0.043227147	0.001871071
5/3/2018	176.889999	0.001810627	3.38324E-06
5/4/2018	183.830002	0.038483364	0.001483182
5/7/2018	185.160004	0.007208909	5.23835E-05
5/8/2018	186.050003	0.004795133	2.32697E-05
5/9/2018	187.360001	0.007016434	4.96344E-05
5/10/2018	190.039993	0.014202634	0.000202532
5/11/2018	188.589996	-0.007659214	5.82242E-05
5/14/2018	188.149994	-0.00233584	5.32274E-06
5/15/2018	186.440002	-0.009130003	8.28331E-05
5/16/2018	188.179993	0.009289432	8.68282E-05
5/17/2018	186.990005	-0.006343748	3.98794E-05
5/18/2018	186.309998	-0.003643224	1.30645E-05
5/21/2018	187.630005	0.007060023	5.02505E-05
5/22/2018	187.160004	-0.002508078	6.14715E-06
5/23/2018	188.360001	0.006391143	4.12148E-05
5/24/2018	188.149994	-0.001115546	1.18116E-06
5/25/2018	188.580002	0.002282845	5.34339E-06
5/29/2018	187.899994	-0.003612456	1.28431E-05
5/30/2018	187.5	-0.002131029	4.41965E-06
5/31/2018	186.869995	-0.003365684	1.11352E-05
6/1/2018	190.240005	0.017873298	0.000320483
6/4/2018	191.830002	0.008323114	6.97534E-05
6/5/2018	193.309998	0.007685534	5.95099E-05
6/6/2018	193.979996	0.003459933	1.21708E-05
6/7/2018	193.460007	-0.002684231	7.05167E-06
6/8/2018	191.699997	-0.009139175	8.30001E-05
6/11/2018	191.229996	-0.002454763	5.88562E-06
6/12/2018	192.279999	0.005475767	3.02995E-05
6/13/2018	190.699997	-0.008251141	6.7608E-05
6/14/2018	190.800003	0.000524278	3.05821E-07
6/15/2018	188.839996	-0.0103257	0.000106028
6/18/2018	188.740005	-0.000529641	2.50909E-07
6/19/2018	185.690002	-0.016291806	0.000264488
6/20/2018	186.5	0.004352612	1.91962E-05
6/21/2018	185.460007	-0.005591976	3.09497E-05
6/22/2018	184.919998	-0.002915975	8.33617E-06
6/25/2018	182.169998	-0.014982982	0.00022363
6/26/2018	184.429993	0.012329644	0.000152729
6/27/2018	184.160004	-0.001464983	2.06281E-06
6/28/2018	185.5	0.007249915	5.29787E-05
6/29/2018	185.110001	-0.002104634	4.30936E-06
7/2/2018	187.179993	0.011120435	0.000124304
7/3/2018	183.919998	-0.017569814	0.00030769
7/5/2018	185.399994	0.008014751	6.46976E-05
7/6/2018	187.970001	0.01376676	0.000190316
7/9/2018	190.580002	0.013789683	0.000190949
7/10/2018	190.350006	-0.00120755	1.38961E-06
7/11/2018	187.880005	-0.013061027	0.000169841
7/12/2018	191.029999	0.016626991	0.000277413
7/13/2018	191.330002	0.001569218	2.55345E-06

7/16/2018	190.910004	-0.002197563	4.70382E-06
7/17/2018	191.449997	0.002824528	8.1411E-06
7/18/2018	190.399994	-0.005499571	2.99301E-05
7/19/2018	191.880005	0.007743112	6.04016E-05
7/20/2018	191.440002	-0.002295749	5.13936E-06
7/23/2018	191.610001	0.000887607	8.39679E-07
7/24/2018	193	0.007228127	5.2662E-05
7/25/2018	194.820007	0.009385902	8.86354E-05
7/26/2018	194.210007	-0.003136007	9.65516E-06
7/27/2018	190.979996	-0.016771394	0.000280317
7/30/2018	189.910004	-0.005618393	3.12443E-05
7/31/2018	190.289993	0.001998891	4.11126E-06
8/1/2018	201.5	0.057240194	0.00327973
8/2/2018	207.389999	0.028811692	0.00083177
8/3/2018	207.990005	0.002888952	8.51288E-06
8/6/2018	209.070007	0.005179132	2.71219E-05
8/7/2018	207.110001	-0.0094191	8.8179E-05
8/8/2018	207.25	0.000675736	4.96276E-07
8/9/2018	208.880005	0.007834154	6.1825E-05
8/10/2018	207.529999	-0.006484046	4.16711E-05
8/13/2018	208.869995	0.006436122	4.17944E-05
8/14/2018	209.75	0.00420432	1.79187E-05
8/15/2018	210.240005	0.002333414	5.57974E-06
8/16/2018	213.320007	0.014543659	0.000212355
8/17/2018	217.580002	0.01977319	0.000392116
8/20/2018	215.460007	-0.009791298	9.53077E-05
8/21/2018	215.039993	-0.001951285	3.69621E-06
8/22/2018	215.050003	4.65484E-05	5.66726E-09
8/23/2018	215.490005	0.002043955	4.29603E-06
8/24/2018	216.160004	0.003104365	9.8163E-06
8/27/2018	217.940002	0.008200912	6.77271E-05
8/28/2018	219.699997	0.008043161	6.51555E-05
8/29/2018	222.979996	0.014819098	0.000220458
8/30/2018	225.029999	0.009151659	8.42796E-05
8/31/2018	227.630005	0.011487804	0.000132631
9/4/2018	228.360001	0.00320181	1.04364E-05
9/5/2018	226.869995	-0.006546191	4.24773E-05
9/6/2018	223.100006	-0.016757016	0.000279835
9/7/2018	221.300003	-0.008100868	6.51594E-05
9/10/2018	218.330002	-0.013511572	0.000181787
9/11/2018	223.850006	0.024968523	0.000624863
9/12/2018	221.070007	-0.012496786	0.000155452
9/13/2018	226.410004	0.023868108	0.000571059
9/14/2018	223.839996	-0.01141604	0.000129671
9/17/2018	217.880005	-0.026987018	0.000726749
9/18/2018	218.240005	0.001650922	2.82124E-06
9/19/2018	218.369995	0.000595451	3.89606E-07
9/20/2018	220.029999	0.007573047	5.77871E-05
9/21/2018	217.660004	-0.010829666	0.00011666
9/24/2018	220.789993	0.014277761	0.000204676
9/25/2018	222.190002	0.006320889	4.03177E-05

9/26/2018	220.419998	-0.007998073	6.35104E-05
9/27/2018	224.949997	0.020343334	0.000415021
9/28/2018	225.740005	0.003505775	1.24927E-05
10/1/2018	227.259995	0.006710798	4.54213E-05
10/2/2018	229.279999	0.008849245	7.88185E-05
10/3/2018	232.070007	0.012095121	0.000146988
10/4/2018	227.990005	-0.01773729	0.000313593
10/5/2018	224.289993	-0.016361964	0.000266774
10/8/2018	223.770004	-0.00232107	5.25481E-06
10/9/2018	226.869995	0.013758388	0.000190085
10/10/2018	216.360001	-0.047433453	0.002247207
10/11/2018	214.449997	-0.008867095	7.81166E-05
10/12/2018	222.110001	0.035096162	0.001233758
10/15/2018	217.360001	-0.021617789	0.000466087
10/16/2018	222.149994	0.021797833	0.000476399
10/17/2018	221.190002	-0.004330733	1.85072E-05
10/18/2018	216.020004	-0.023651055	0.000558014
10/19/2018	219.309998	0.01511523	0.00022934
10/22/2018	220.649994	0.006091464	3.74568E-05
10/23/2018	222.729996	0.009382549	8.85722E-05
10/24/2018	215.089996	-0.034903731	0.001216265
10/25/2018	219.800003	0.021661529	0.000470467
10/26/2018	216.300003	-0.016051709	0.000256736
10/29/2018	212.240005	-0.018948613	0.000357962
10/30/2018	213.300003	0.004981906	2.51065E-05
10/31/2018	218.860001	0.025732621	0.000663647
11/1/2018	222.220001	0.015235626	0.000233001
11/2/2018	207.479996	-0.068632956	0.004706539
11/5/2018	201.589996	-0.028799018	0.000827729
11/6/2018	203.770004	0.010756014	0.000116311
11/7/2018	209.949997	0.029877466	0.000894381
11/8/2018	208.490005	-0.00697829	4.82964E-05
11/9/2018	204.470001	-0.019469832	0.000377956
11/12/2018	194.169998	-0.051687217	0.002668599
11/13/2018	192.229996	-0.010041503	0.000100256
11/14/2018	186.800003	-0.028654009	0.000819406
11/15/2018	191.410004	0.024379203	0.000595747
11/16/2018	193.529999	0.011014789	0.000121959
11/19/2018	185.860001	-0.040438827	0.001632976
11/20/2018	176.979996	-0.048956998	0.002393975
11/21/2018	176.779999	-0.001130693	1.21432E-06
11/23/2018	172.289993	-0.025726953	0.000660399
11/26/2018	174.619995	0.013433093	0.000181221
11/27/2018	174.240005	-0.002178468	4.62136E-06
11/28/2018	180.940002	0.037731808	0.001425858
11/29/2018	179.550003	-0.007711758	5.90289E-05
11/30/2018	178.580002	-0.005417046	2.90339E-05
12/3/2018	184.820007	0.034345725	0.001181603
12/4/2018	176.690002	-0.04498562	0.002021122
12/6/2018	174.720001	-0.011212098	0.000125068
12/7/2018	168.490005	-0.036308268	0.001316205

12/10/2018	169.600006	0.006566328	4.34948E-05
12/11/2018	168.630005	-0.005735763	3.25702E-05
12/12/2018	169.100006	0.002783296	7.90751E-06
12/13/2018	170.949997	0.010880807	0.000119018
12/14/2018	165.479996	-0.032520781	0.001055733
12/17/2018	163.940002	-0.009349798	8.68823E-05
12/18/2018	166.070007	0.012908909	0.000167383
12/19/2018	160.889999	-0.031688533	0.001002343
12/20/2018	156.830002	-0.025558467	0.000651767
12/21/2018	150.729996	-0.039672299	0.001571612
12/24/2018	146.830002	-0.026214662	0.000685703
12/26/2018	157.169998	0.068052541	0.00463506
12/27/2018	156.149994	-0.006510964	4.20193E-05
12/28/2018	156.229996	0.00051221	2.92619E-07
12/31/2018	157.740005	0.009618885	9.30765E-05
1/2/2019	157.919998	0.001140423	1.36693E-06
1/3/2019	142.190002	-0.104924358	0.011003092
1/4/2019	148.259995	0.04180325	0.001749915
1/7/2019	147.929993	-0.002228314	4.83816E-06
1/8/2019	150.75	0.018883694	0.00035768
1/9/2019	153.309998	0.016839167	0.000284526
1/10/2019	153.800003	0.003191074	1.03672E-05
1/11/2019	152.289993	-0.009866525	9.67821E-05
1/14/2019	150	-0.015151258	0.000228691
1/15/2019	153.070007	0.020260085	0.000411636
1/16/2019	154.940002	0.012142579	0.000148141
1/17/2019	155.860001	0.005920217	3.539E-05
1/18/2019	156.820007	0.006140521	3.80597E-05
1/22/2019	153.300003	-0.02270189	0.000514072
1/23/2019	153.919998	0.004036168	1.65234E-05
1/24/2019	152.699997	-0.007957781	6.28698E-05
1/25/2019	157.759995	0.032599667	0.001064612
1/28/2019	156.300003	-0.009297603	8.59119E-05
1/29/2019	154.679993	-0.010418835	0.000107954
1/30/2019	165.25	0.066101057	0.004373149
1/31/2019	166.440002	0.007175417	5.18998E-05
2/1/2019	166.520004	0.00048055	2.59369E-07
2/4/2019	171.25	0.028009031	0.000786116
2/5/2019	174.179993	0.01696473	0.000288778
2/6/2019	174.240005	0.000344481	1.39288E-07
2/7/2019	170.940002	-0.019121058	0.000364517
2/8/2019	170.410004	-0.003105308	9.46531E-06
2/11/2019	169.429993	-0.005767501	3.29335E-05
2/12/2019	170.889999	0.008580248	7.41146E-05
2/13/2019	170.179993	-0.00416341	1.70956E-05
2/14/2019	170.800003	0.00363664	1.3435E-05
2/15/2019	170.419998	-0.002227332	4.83384E-06
2/19/2019	170.619995	0.001172866	1.44384E-06

E(ri)	-2.87328E-05	0.000374588
var_i		#NÁZEV?

risk-std.dev	sigma_i	#NÁZEV?
	fce	#NÁZEV?

Date	Appl	Goog	Amaz	Return	Appl	Goog	Amaz	varians
2/15/2016	96.04	700.91	534.9					
2/22/2016	96.91	705.07	555.23		0.009018	0.005918	0.037303	
2/29/2016	103.01	710.89	575.14		0.061043	0.008221	0.035231	
3/7/2016	102.26	726.82	569.61		-0.00731	0.022161	-0.00966	
3/14/2016	105.92	737.6	552.08		0.035165	0.014723	-0.03126	
3/21/2016	105.67	735.3	582.95		-0.00236	-0.00312	0.054408	
3/28/2016	109.99	749.91	598.5		0.040068	0.019675	0.026325	
4/4/2016	108.66	739.15	594.6		-0.01217	-0.01445	-0.00654	
4/11/2016	109.85	759	625.89		0.010892	0.026501	0.051286	
4/18/2016	105.68	718.77	620.5		-0.0387	-0.05446	-0.00865	
4/25/2016	93.74	693.01	659.59		-0.11989	-0.0365	0.061093	
5/2/2016	92.72	711.12	673.95		-0.01094	0.025797	0.021537	
5/9/2016	90.52	710.83	709.92		-0.02401	-0.00041	0.051996	
5/16/2016	95.22	709.74	702.8		0.050619	-0.00153	-0.01008	
5/23/2016	100.35	732.66	712.24		0.052474	0.031783	0.013343	
5/30/2016	97.92	722.34	725.54		-0.02451	-0.01419	0.018501	
6/6/2016	98.83	719.41	717.91		0.00925	-0.00406	-0.01057	
6/13/2016	95.33	691.72	706.39		-0.03606	-0.03925	-0.01618	
6/20/2016	93.4	675.22	698.96		-0.02045	-0.02414	-0.01057	
6/27/2016	95.89	699.21	725.68		0.02631	0.034913	0.037516	
7/4/2016	96.68	705.63	745.81		0.008205	0.00914	0.027362	
7/11/2016	98.78	719.85	735.44		0.021489	0.019952	-0.014	
7/18/2016	98.66	742.74	744.86		-0.00122	0.031303	0.012727	
7/25/2016	104.21	768.79	758.81		0.054728	0.034472	0.018555	
8/1/2016	107.48	782.22	765.98		0.030897	0.017318	0.009405	
8/8/2016	108.18	783.22	772.56		0.006492	0.001278	0.008554	
8/15/2016	109.36	775.42	757.31		0.010849	-0.01001	-0.01994	
8/22/2016	106.94	769.54	769		-0.02238	-0.00761	0.015318	
8/29/2016	107.73	771.46	772.44		0.00736	0.002492	0.004463	
9/5/2016	103.13	759.66	760.14		-0.04364	-0.01541	-0.01605	
9/12/2016	114.92	768.88	778.52		0.108246	0.012064	0.023892	
9/19/2016	112.71	786.9	805.75		-0.01942	0.023166	0.034379	
9/26/2016	113.05	777.29	837.31		0.003012	-0.01229	0.038421	
10/3/2016	114.06	775.08	839.43		0.008894	-0.00285	0.002529	
10/10/2016	117.63	778.53	822.96		0.030819	0.004441	-0.01982	
10/17/2016	116.6	799.37	818.99		-0.00879	0.026416	-0.00484	
10/24/2016	113.72	795.37	776.32		-0.02501	-0.00502	-0.05351	
10/31/2016	108.84	762.02	755.05		-0.04386	-0.04283	-0.02778	
11/7/2016	108.43	754.02	739.01		-0.00377	-0.01055	-0.02147	
11/14/2016	110.06	760.54	760.16		0.014921	0.00861	0.028217	
11/21/2016	111.79	761.68	780.37		0.015596	0.001498	0.026239	
11/28/2016	109.9	750.5	740.34		-0.01705	-0.01479	-0.05266	
12/5/2016	113.95	789.29	768.66		0.036189	0.050394	0.037539	
12/12/2016	115.97	790.8	757.77		0.017572	0.001911	-0.01427	
12/19/2016	116.52	789.91	760.59		0.004731	-0.00113	0.003715	
12/26/2016	115.82	771.82	749.87		-0.00603	-0.02317	-0.01419	
1/2/2017	117.91	806.15	795.99		0.017884	0.043518	0.059687	
1/9/2017	119.04	807.88	817.14		0.009538	0.002144	0.026224	
1/16/2017	120	805.02	808.33		0.008032	-0.00355	-0.01084	

1/23/2017	121.95	823.31	835.77	0.016119	0.022466	0.033383
1/30/2017	129.08	801.49	810.2	0.056821	-0.02686	-0.03107
2/6/2017	132.12	813.67	827.46	0.023278	0.015082	0.02108
2/13/2017	135.72	828.07	845.07	0.026883	0.017543	0.021059
2/20/2017	136.66	828.64	845.24	0.006902	0.000688	0.000201
2/27/2017	139.78	829.08	849.88	0.022574	0.000531	0.005475
3/6/2017	139.14	843.25	852.46	-0.00459	0.016947	0.003031
3/13/2017	139.99	852.12	852.31	0.00609	0.010464	-0.00018
3/20/2017	140.64	814.43	845.61	0.004632	-0.04524	-0.00789
3/27/2017	143.66	829.56	886.54	0.021246	0.018407	0.047268
4/3/2017	143.34	824.67	894.88	-0.00223	-0.00591	0.009363
4/10/2017	141.05	823.56	884.67	-0.0161	-0.00135	-0.01147
4/17/2017	142.27	843.19	898.53	0.008612	0.023556	0.015545
4/24/2017	143.65	905.96	924.99	0.009653	0.071803	0.029023
5/1/2017	148.96	927.13	934.15	0.036298	0.023099	0.009854
5/8/2017	156.1	932.22	961.35	0.046819	0.005475	0.028701
5/15/2017	153.06	934.01	959.84	-0.01967	0.001918	-0.00157
5/22/2017	153.61	971.47	995.78	0.003587	0.039323	0.03676
5/29/2017	155.45	975.6	1006.73	0.011907	0.004242	0.010936
6/5/2017	148.98	949.83	978.31	-0.04251	-0.02677	-0.02864
6/12/2017	142.27	939.78	987.71	-0.04609	-0.01064	0.009563
6/19/2017	146.28	965.59	1003.74	0.027796	0.027094	0.016099
6/26/2017	144.02	908.73	968	-0.01557	-0.06069	-0.03626
7/3/2017	144.18	918.59	978.76	0.00111	0.010792	0.011054
7/10/2017	149.04	955.99	1001.81	0.033152	0.039908	0.023277
7/17/2017	150.27	972.92	1025.67	0.008219	0.017554	0.023538
7/24/2017	149.5	941.53	1020.04	-0.00514	-0.0328	-0.0055
7/31/2017	156.39	927.96	987.58	0.045056	-0.01452	-0.03234
8/7/2017	157.48	914.39	967.99	0.006946	-0.01473	-0.02004
8/14/2017	157.5	910.67	958.47	0.000127	-0.00408	-0.00988
8/21/2017	159.86	915.89	945.26	0.014873	0.005716	-0.01388
8/28/2017	164.05	937.34	978.25	0.025873	0.02315	0.034305
9/4/2017	158.63	926.5	965.9	-0.0336	-0.01163	-0.0127
9/11/2017	159.88	920.29	986.79	0.007849	-0.00673	0.021397
9/18/2017	151.89	928.53	955.1	-0.05127	0.008914	-0.03264
9/25/2017	154.12	959.11	961.35	0.014575	0.032403	0.006522
10/2/2017	155.3	978.89	989.58	0.007627	0.020414	0.028942
10/9/2017	156.99	989.68	1002.94	0.010823	0.010962	0.01341
10/16/2017	156.25	988.2	982.91	-0.00472	-0.0015	-0.02017
10/23/2017	163.05	1019.27	1100.95	0.0426	0.030957	0.113411
10/30/2017	172.5	1032.48	1111.6	0.05634	0.012877	0.009627
11/6/2017	174.67	1028.07	1125.35	0.012501	-0.00428	0.012294
11/13/2017	170.15	1019.09	1129.88	-0.02622	-0.00877	0.004017
11/20/2017	174.97	1040.61	1186	0.027934	0.020897	0.048475
11/27/2017	171.05	1010.17	1162.35	-0.02266	-0.02969	-0.02014
12/4/2017	169.37	1037.05	1162	-0.00987	0.026262	-0.0003
12/11/2017	173.97	1064.19	1179.14	0.026797	0.025834	0.014643
12/18/2017	175.01	1060.12	1168.36	0.00596	-0.00383	-0.00918
12/25/2017	169.23	1046.4	1169.47	-0.03358	-0.01303	0.00095
1/1/2018	175	1102.23	1229.14	0.033527	0.05198	0.049764

1/8/2018	177.09	1122.26	1305.2	0.011872	0.018009	0.060041
1/15/2018	178.46	1137.51	1294.58	0.007706	0.013497	-0.00817
1/22/2018	171.51	1175.84	1402.05	-0.03972	0.033141	0.079749
1/29/2018	160.5	1111.9	1429.95	-0.06635	-0.05591	0.019704
2/5/2018	156.41	1037.78	1339.6	-0.02581	-0.06899	-0.06527
2/12/2018	172.43	1094.8	1448.69	0.097511	0.053488	0.078289
2/19/2018	175.5	1126.79	1500	0.017648	0.028801	0.034805
2/26/2018	176.21	1078.92	1500.25	0.004037	-0.04341	0.000167
3/5/2018	179.98	1160.04	1578.89	0.021169	0.072494	0.05109
3/12/2018	178.02	1135.73	1571.68	-0.01095	-0.02118	-0.00458
3/19/2018	164.94	1021.57	1495.56	-0.07631	-0.10593	-0.04964
3/26/2018	167.78	1031.79	1447.34	0.017072	0.009955	-0.03277
4/2/2018	168.38	1007.04	1405.23	0.00357	-0.02428	-0.02953
4/9/2018	174.73	1029.27	1430.79	0.037019	0.021835	0.018026
4/16/2018	165.72	1072.96	1527.49	-0.05294	0.041571	0.065399
4/23/2018	162.32	1030.05	1572.62	-0.02073	-0.04081	0.029117
4/30/2018	183.83	1048.21	1580.95	0.124442	0.017477	0.005283
5/7/2018	188.59	1098.26	1602.91	0.025564	0.046643	0.013795
5/14/2018	186.31	1066.36	1574.37	-0.01216	-0.02948	-0.01797
5/21/2018	188.58	1075.66	1610.15	0.01211	0.008683	0.022472
5/28/2018	190.24	1119.5	1641.54	0.008764	0.039948	0.019307
6/4/2018	191.7	1120.87	1683.99	0.007645	0.001223	0.025531
6/11/2018	188.84	1152.26	1715.97	-0.01503	0.02762	0.018813
6/18/2018	184.92	1155.48	1715.67	-0.02098	0.002791	-0.00017
6/25/2018	185.11	1115.65	1699.8	0.001027	-0.03508	-0.00929
7/2/2018	187.97	1140.17	1710.63	0.015332	0.02174	0.006351
7/9/2018	191.33	1188.82	1813.03	0.017717	0.041784	0.058138
7/16/2018	191.44	1184.91	1813.7	0.000575	-0.00329	0.000369
7/23/2018	190.98	1238.5	1817.27	-0.00241	0.044234	0.001966
7/30/2018	207.99	1223.71	1823.29	0.085321	-0.01201	0.003307
8/6/2018	207.53	1237.61	1886.3	-0.00221	0.011295	0.033975
8/13/2018	217.58	1200.96	1882.22	0.047291	-0.03006	-0.00217
8/20/2018	216.16	1220.65	1905.39	-0.00655	0.016262	0.012235
8/27/2018	227.63	1218.19	2012.71	0.051703	-0.00202	0.054795
9/3/2018	221.3	1164.83	1952.07	-0.0282	-0.04479	-0.03059
9/10/2018	223.84	1172.53	1970.19	0.011412	0.006589	0.00924
9/17/2018	217.66	1166.09	1915.01	-0.028	-0.00551	-0.02841
9/24/2018	225.74	1193.47	2003	0.03645	0.023209	0.044923
10/1/2018	224.29	1157.35	1889.65	-0.00644	-0.03073	-0.05825
10/8/2018	222.11	1110.08	1788.61	-0.00977	-0.0417	-0.05495
10/15/2018	219.31	1096.46	1764.03	-0.01269	-0.01235	-0.01384
10/22/2018	216.3	1071.47	1642.81	-0.01382	-0.02306	-0.07119
10/29/2018	207.48	1057.79	1665.53	-0.04163	-0.01285	0.013735
11/5/2018	204.47	1066.15	1712.43	-0.01461	0.007872	0.02777
11/12/2018	193.53	1061.49	1593.41	-0.05499	-0.00438	-0.07204
11/19/2018	172.29	1023.88	1502.06	-0.11625	-0.03607	-0.05904
11/26/2018	178.58	1094.43	1690.17	0.035858	0.066634	0.117992
12/3/2018	168.49	1036.58	1629.13	-0.05816	-0.05431	-0.03678
12/10/2018	165.48	1042.1	1591.91	-0.01803	0.005311	-0.02311
12/17/2018	150.73	979.54	1377.45	-0.09336	-0.06191	-0.1447

12/24/2018	156.23	1037.08	1478.02	0.035839	0.057081	0.070469
12/31/2018	148.26	1070.71	1575.39	-0.05236	0.031913	0.0638
1/7/2019	152.29	1057.19	1640.56	0.026819	-0.01271	0.040535
1/14/2019	156.82	1098.26	1696.2	0.029312	0.038113	0.033353
1/21/2019	157.76	1090.99	1670.57	0.005976	-0.00664	-0.01523
1/28/2019	166.52	1110.75	1626.23	0.054041	0.01795	-0.0269
2/4/2019	170.41	1095.06	1588.22	0.023092	-0.01423	-0.02365
2/11/2019	170.42	1113.65	1607.95	5.86E-05	0.016834	0.012346

E(ri)	0.003676	0.002968	0.007055
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			sigma_i

Appl	Goog	Amaz				A-A	A-G
2.85336E-05	8.7E-06	0.000915	0.005342	0.00295	0.030247	2.85336E-05	1.58E-05
0.003290978	2.76E-05	0.000794	0.057367	0.005253	0.028176	0.003290978	0.000301
0.000120643	0.000368	0.000279	-0.01098	0.019193	-0.01672	0.000120643	-0.00021
0.000991568	0.000138	0.001468	0.031489	0.011755	-0.03831	0.000991568	0.00037
3.64738E-05	3.71E-05	0.002242	-0.00604	-0.00609	0.047353	3.64738E-05	3.68E-05
0.001324387	0.000279	0.000371	0.036392	0.016707	0.01927	0.001324387	0.000608
0.000250967	0.000303	0.000185	-0.01584	-0.01742	-0.01359	0.000250967	0.000276
5.20665E-05	0.000554	0.001956	0.007216	0.023533	0.04423	5.20665E-05	0.00017
0.00179576	0.003298	0.000247	-0.04238	-0.05743	-0.0157	0.00179576	0.002434
0.015268798	0.001557	0.00292	-0.12357	-0.03947	0.054038	0.015268798	0.004877
0.000213658	0.000521	0.00021	-0.01462	0.022829	0.014482	0.000213658	-0.00033
0.00076672	1.14E-05	0.00202	-0.02769	-0.00338	0.044941	0.00076672	9.35E-05
0.002203639	2.03E-05	0.000294	0.046943	-0.0045	-0.01714	0.002203639	-0.00021
0.002381221	0.00083	3.95E-05	0.048798	0.028815	0.006287	0.002381221	0.001406
0.000794651	0.000294	0.000131	-0.02819	-0.01715	0.011446	0.000794651	0.000484
3.1071E-05	4.95E-05	0.000311	0.005574	-0.00703	-0.01763	3.1071E-05	-3.9E-05
0.001578706	0.001782	0.00054	-0.03973	-0.04222	-0.02323	0.001578706	0.001677
0.000582233	0.000735	0.000311	-0.02413	-0.02711	-0.01763	0.000582233	0.000654
0.0005123	0.00102	0.000928	0.022634	0.031945	0.03046	0.0005123	0.000723
2.0508E-05	3.81E-05	0.000412	0.004529	0.006172	0.020306	2.0508E-05	2.79E-05
0.000317278	0.000288	0.000443	0.017812	0.016984	-0.02106	0.000317278	0.000303
2.39297E-05	0.000803	3.22E-05	-0.00489	0.028335	0.005672	2.39297E-05	-0.00014
0.002606323	0.000992	0.000132	0.051052	0.031504	0.0115	0.002606323	0.001608
0.000740952	0.000206	5.52E-06	0.02722	0.01435	0.002349	0.000740952	0.000391
7.92651E-06	2.86E-06	2.24E-06	0.002815	-0.00169	0.001498	7.92651E-06	-4.8E-06
5.14434E-05	0.000168	0.000729	0.007172	-0.01298	-0.02699	5.14434E-05	-9.3E-05
0.000678787	0.000112	6.83E-05	-0.02605	-0.01058	0.008263	0.000678787	0.000276
1.3571E-05	2.27E-07	6.72E-06	0.003684	-0.00048	-0.00259	1.3571E-05	-1.8E-06
0.002238625	0.000338	0.000534	-0.04731	-0.01838	-0.02311	0.002238625	0.00087
0.010934807	8.27E-05	0.000283	0.10457	0.009096	0.016837	0.010934807	0.000951
0.00053335	0.000408	0.000747	-0.02309	0.020198	0.027323	0.00053335	-0.00047
4.41167E-07	0.000233	0.000984	-0.00066	-0.01526	0.031365	4.41167E-07	1.01E-05
2.72285E-05	3.38E-05	2.05E-05	0.005218	-0.00582	-0.00453	2.72285E-05	-3E-05
0.000736752	2.17E-06	0.000722	0.027143	0.001473	-0.02687	0.000736752	4E-05
0.000155529	0.00055	0.000141	-0.01247	0.023448	-0.01189	0.000155529	-0.00029
0.000822901	6.38E-05	0.003668	-0.02869	-0.00798	-0.06056	0.000822901	0.000229
0.002259739	0.002098	0.001214	-0.04754	-0.0458	-0.03484	0.002259739	0.002177
5.55079E-05	0.000183	0.000814	-0.00745	-0.01352	-0.02853	5.55079E-05	0.000101
0.00012644	3.18E-05	0.000448	0.011245	0.005642	0.021162	0.00012644	6.34E-05
0.000142091	2.16E-06	0.000368	0.01192	-0.00147	0.019184	0.000142091	-1.8E-05
0.000429631	0.000315	0.003566	-0.02073	-0.01775	-0.05971	0.000429631	0.000368
0.001057067	0.002249	0.000929	0.032513	0.047426	0.030484	0.001057067	0.001542
0.000193086	1.12E-06	0.000455	0.013896	-0.00106	-0.02132	0.000193086	-1.5E-05
1.11318E-06	1.68E-05	1.12E-05	0.001055	-0.00409	-0.00334	1.11318E-06	-4.3E-06
9.41275E-05	0.000683	0.000452	-0.0097	-0.02614	-0.02125	9.41275E-05	0.000254
0.00020187	0.001644	0.00277	0.014208	0.04055	0.052631	0.00020187	0.000576
3.43588E-05	6.8E-07	0.000367	0.005862	-0.00082	0.019168	3.43588E-05	-4.8E-06
1.89736E-05	4.24E-05	0.00032	0.004356	-0.00651	-0.0179	1.89736E-05	-2.8E-05

0.00015483	0.00038	0.000693	0.012443	0.019498	0.026328	0.00015483	0.000243
0.00282439	0.00089	0.001454	0.053145	-0.02983	-0.03813	0.00282439	-0.00159
0.000384234	0.000147	0.000197	0.019602	0.012114	0.014024	0.000384234	0.000237
0.000538569	0.000212	0.000196	0.023207	0.014575	0.014003	0.000538569	0.000338
1.04063E-05	5.2E-06	4.7E-05	0.003226	-0.00228	-0.00685	1.04063E-05	-7.4E-06
0.00035711	5.94E-06	2.5E-06	0.018897	-0.00244	-0.00158	0.00035711	-4.6E-05
6.83173E-05	0.000195	1.62E-05	-0.00827	0.013979	-0.00402	6.83173E-05	-0.00012
5.828E-06	5.62E-05	5.23E-05	0.002414	0.007496	-0.00723	5.828E-06	1.81E-05
9.14146E-07	0.002324	0.000223	0.000956	-0.04821	-0.01495	9.14146E-07	-4.6E-05
0.000308695	0.000238	0.001617	0.01757	0.015439	0.040213	0.000308695	0.000271
3.48845E-05	7.89E-05	5.33E-06	-0.00591	-0.00888	0.002308	3.48845E-05	5.24E-05
0.000391297	1.86E-05	0.000343	-0.01978	-0.00431	-0.01853	0.000391297	8.54E-05
2.43635E-05	0.000424	7.21E-05	0.004936	0.020588	0.00849	2.43635E-05	0.000102
3.57217E-05	0.004738	0.000483	0.005977	0.068835	0.021967	3.57217E-05	0.000411
0.001064184	0.000405	7.83E-06	0.032622	0.020131	0.002799	0.001064184	0.000657
0.001861294	6.28E-06	0.000469	0.043143	0.002507	0.021646	0.001861294	0.000108
0.000544903	1.1E-06	7.44E-05	-0.02334	-0.00105	-0.00863	0.000544903	2.45E-05
7.98319E-09	0.001322	0.000882	-8.9E-05	0.036355	0.029704	7.98319E-09	-3.2E-06
6.77477E-05	1.62E-06	1.51E-05	0.008231	0.001274	0.003881	6.77477E-05	1.05E-05
0.002133365	0.000884	0.001274	-0.04619	-0.02974	-0.03569	0.002133365	0.001374
0.002476221	0.000185	6.29E-06	-0.04976	-0.01361	0.002507	0.002476221	0.000677
0.000581755	0.000582	8.18E-05	0.02412	0.024125	0.009044	0.000581755	0.000582
0.000370434	0.004053	0.001876	-0.01925	-0.06366	-0.04331	0.000370434	0.001225
6.58449E-06	6.12E-05	1.6E-05	-0.00257	0.007824	0.003999	6.58449E-06	-2E-05
0.00086883	0.001365	0.000263	0.029476	0.036939	0.016222	0.00086883	0.001089
2.06364E-05	0.000213	0.000272	0.004543	0.014586	0.016482	2.06364E-05	6.63E-05
7.76795E-05	0.001279	0.000158	-0.00881	-0.03576	-0.01256	7.76795E-05	0.000315
0.001712321	0.000306	0.001552	0.04138	-0.01749	-0.03939	0.001712321	-0.00072
1.06881E-05	0.000313	0.000734	0.003269	-0.0177	-0.02709	1.06881E-05	-5.8E-05
1.25973E-05	4.96E-05	0.000287	-0.00355	-0.00704	-0.01694	1.25973E-05	2.5E-05
0.000125366	7.55E-06	0.000438	0.011197	0.002748	-0.02093	0.000125366	3.08E-05
0.000492687	0.000407	0.000743	0.022197	0.020182	0.02725	0.000492687	0.000448
0.001389283	0.000213	0.00039	-0.03727	-0.0146	-0.01976	0.001389283	0.000544
1.74122E-05	9.4E-05	0.000206	0.004173	-0.00969	0.014342	1.74122E-05	-4E-05
0.003018765	3.54E-05	0.001576	-0.05494	0.005946	-0.0397	0.003018765	-0.00033
0.00011878	0.000866	2.84E-07	0.010899	0.029435	-0.00053	0.00011878	0.000321
1.56102E-05	0.000304	0.000479	0.003951	0.017445	0.021887	1.56102E-05	6.89E-05
5.10811E-05	6.39E-05	4.04E-05	0.007147	0.007994	0.006355	5.10811E-05	5.71E-05
7.05792E-05	1.99E-05	0.000741	-0.0084	-0.00446	-0.02723	7.05792E-05	3.75E-05
0.001515027	0.000783	0.011312	0.038923	0.027989	0.106356	0.001515027	0.001089
0.0027735	9.82E-05	6.61E-06	0.052664	0.009909	0.002572	0.0027735	0.000522
7.78796E-05	5.25E-05	2.74E-05	0.008825	-0.00725	0.005238	7.78796E-05	-6.4E-05
0.000893675	0.000138	9.23E-06	-0.02989	-0.01174	-0.00304	0.000893675	0.000351
0.000588445	0.000321	0.001716	0.024258	0.017929	0.04142	0.000588445	0.000435
0.000693527	0.001066	0.00074	-0.02633	-0.03266	-0.0272	0.000693527	0.00086
0.00018351	0.000543	5.41E-05	-0.01355	0.023294	-0.00736	0.00018351	-0.00032
0.000534578	0.000523	5.76E-05	0.023121	0.022866	0.007587	0.000534578	0.000529
5.21629E-06	4.62E-05	0.000264	0.002284	-0.0068	-0.01624	5.21629E-06	-1.6E-05
0.001388357	0.000256	3.73E-05	-0.03726	-0.01599	-0.00611	0.001388357	0.000596
0.00089108	0.002402	0.001824	0.029851	0.049012	0.042709	0.00089108	0.001463

6.7171E-05	0.000226	0.002808	0.008196	0.015041	0.052986	6.7171E-05	0.000123
1.62424E-05	0.000111	0.000232	0.00403	0.010529	-0.01523	1.62424E-05	4.24E-05
0.001883497	0.00091	0.005284	-0.0434	0.030173	0.072694	0.001883497	-0.00131
0.004903345	0.003467	0.00016	-0.07002	-0.05888	0.012649	0.004903345	0.004123
0.000869627	0.005177	0.005231	-0.02949	-0.07195	-0.07232	0.000869627	0.002122
0.008804864	0.002552	0.005074	0.093834	0.05052	0.071233	0.008804864	0.00474
0.000195201	0.000667	0.00077	0.013971	0.025833	0.02775	0.000195201	0.000361
1.30446E-07	0.002151	4.75E-05	0.000361	-0.04638	-0.00689	1.30446E-07	-1.7E-05
0.000306002	0.004834	0.001939	0.017493	0.069526	0.044035	0.000306002	0.001216
0.000213922	0.000583	0.000135	-0.01463	-0.02415	-0.01163	0.000213922	0.000353
0.006398469	0.01186	0.003215	-0.07999	-0.1089	-0.0567	0.006398469	0.008711
0.00017944	4.88E-05	0.001586	0.013396	0.006986	-0.03983	0.00017944	9.36E-05
1.13468E-08	0.000742	0.001338	-0.00011	-0.02725	-0.03658	1.13468E-08	2.9E-06
0.001111706	0.000356	0.00012	0.033342	0.018866	0.01097	0.001111706	0.000629
0.003205662	0.00149	0.003404	-0.05662	0.038603	0.058344	0.003205662	-0.00219
0.000595661	0.001917	0.000487	-0.02441	-0.04378	0.022062	0.000595661	0.001069
0.014584282	0.00021	3.14E-06	0.120765	0.014508	-0.00177	0.014584282	0.001752
0.000479067	0.001908	4.54E-05	0.021888	0.043675	0.006739	0.000479067	0.000956
0.000250895	0.001053	0.000626	-0.01584	-0.03244	-0.02502	0.000250895	0.000514
7.1134E-05	3.27E-05	0.000238	0.008434	0.005715	0.015417	7.1134E-05	4.82E-05
2.58861E-05	0.001367	0.00015	0.005088	0.03698	0.012252	2.58861E-05	0.000188
1.57521E-05	3.05E-06	0.000341	0.003969	-0.00175	0.018476	1.57521E-05	-6.9E-06
0.000349984	0.000608	0.000138	-0.01871	0.024652	0.011757	0.000349984	-0.00046
0.000607774	3.15E-08	5.23E-05	-0.02465	-0.00018	-0.00723	0.000607774	4.38E-06
7.01895E-06	0.001448	0.000267	-0.00265	-0.03805	-0.01635	7.01895E-06	0.000101
0.000135859	0.000352	4.96E-07	0.011656	0.018772	-0.0007	0.000135859	0.000219
0.00019715	0.001507	0.002609	0.014041	0.038816	0.051082	0.00019715	0.000545
9.6195E-06	3.92E-05	4.47E-05	-0.0031	-0.00626	-0.00669	9.6195E-06	1.94E-05
3.69914E-05	0.001703	2.59E-05	-0.00608	0.041266	-0.00509	3.69914E-05	-0.00025
0.006665914	0.000224	1.4E-05	0.081645	-0.01498	-0.00375	0.006665914	-0.00122
3.4697E-05	6.93E-05	0.000725	-0.00589	0.008327	0.026919	3.4697E-05	-4.9E-05
0.001902217	0.001091	8.5E-05	0.043614	-0.03303	-0.00922	0.001902217	-0.00144
0.00010453	0.000177	2.68E-05	-0.01022	0.013294	0.005179	0.00010453	-0.00014
0.00230653	2.49E-05	0.002279	0.048026	-0.00499	0.04774	0.00230653	-0.00024
0.001016242	0.002281	0.001417	-0.03188	-0.04776	-0.03765	0.001016242	0.001522
5.98448E-05	1.31E-05	4.77E-06	0.007736	0.003621	0.002184	5.98448E-05	2.8E-05
0.001003214	7.18E-05	0.001258	-0.03167	-0.00848	-0.03546	0.001003214	0.000268
0.001074096	0.00041	0.001434	0.032773	0.020241	0.037868	0.001074096	0.000663
0.000102422	0.001136	0.004265	-0.01012	-0.0337	-0.06531	0.000102422	0.000341
0.000180724	0.001995	0.003845	-0.01344	-0.04467	-0.06201	0.000180724	0.000601
0.000267741	0.000234	0.000437	-0.01636	-0.01531	-0.02089	0.000267741	0.000251
0.000306117	0.000677	0.006123	-0.0175	-0.02602	-0.07825	0.000306117	0.000455
0.002052788	0.00025	4.46E-05	-0.04531	-0.01582	0.00668	0.002052788	0.000717
0.000334522	2.41E-05	0.000429	-0.01829	0.004904	0.020715	0.000334522	-9E-05
0.003441585	5.4E-05	0.006256	-0.05867	-0.00735	-0.07909	0.003441585	0.000431
0.014383148	0.001524	0.004368	-0.11993	-0.03904	-0.06609	0.014383148	0.004682
0.001035639	0.004053	0.012307	0.032181	0.063666	0.110936	0.001035639	0.002049
0.003823759	0.00328	0.001922	-0.06184	-0.05728	-0.04384	0.003823759	0.003542
0.000470994	5.49E-06	0.00091	-0.0217	0.002343	-0.03017	0.000470994	-5.1E-05
0.009416078	0.004209	0.02303	-0.09704	-0.06488	-0.15176	0.009416078	0.006296

0.001034448	0.002928	0.004021	0.032163	0.054113	0.063414	0.001034448	0.00174
0.003140267	0.000838	0.00322	-0.05604	0.028945	0.056744	0.003140267	-0.00162
0.00053559	0.000246	0.001121	0.023143	-0.01568	0.033479	0.00053559	-0.00036
0.000657197	0.001235	0.000692	0.025636	0.035145	0.026297	0.000657197	0.000901
5.28942E-06	9.23E-05	0.000496	0.0023	-0.00961	-0.02228	5.28942E-06	-2.2E-05
0.002536562	0.000224	0.001153	0.050364	0.014982	-0.03396	0.002536562	0.000755
0.000376965	0.000296	0.000943	0.019416	-0.01719	-0.03071	0.000376965	-0.00033
1.30874E-05	0.000192	2.8E-05	-0.00362	0.013866	0.005291	1.30874E-05	-5E-05

0.00123299	0.000818	0.001218				0.00123299	0.000495
#NÁZEV?	#NÁZEV?	#NÁZEV?		fce		#NÁZEV?	#NÁZEV?
#NÁZEV?	#NÁZEV?	#NÁZEV?					

A-Amz	G-G	G-Amz	Amz-Amz
0.000162	8.70001E-06	8.92E-05	0.000915
0.001616	2.75894E-05	0.000148	0.000794
0.000184	0.000368374	-0.00032	0.000279
-0.00121	0.000138173	-0.00045	0.001468
-0.00029	3.71021E-05	-0.00029	0.002242
0.000701	0.000279108	0.000322	0.000371
0.000215	0.000303468	0.000237	0.000185
0.000319	0.000553793	0.001041	0.001956
0.000665	0.003298021	0.000902	0.000247
-0.00668	0.001557492	-0.00213	0.00292
-0.00021	0.000521148	0.000331	0.00021
-0.00124	1.13969E-05	-0.00015	0.00202
-0.0008	2.02743E-05	7.72E-05	0.000294
0.000307	0.000830301	0.000181	3.95E-05
-0.00032	0.000294253	-0.0002	0.000131
-9.8E-05	4.94582E-05	0.000124	0.000311
0.000923	0.001782381	0.000981	0.00054
0.000425	0.000734993	0.000478	0.000311
0.000689	0.001020455	0.000973	0.000928
9.2E-05	3.80911E-05	0.000125	0.000412
-0.00038	0.000288447	-0.00036	0.000443
-2.8E-05	0.00080288	0.000161	3.22E-05
0.000587	0.000992484	0.000362	0.000132
6.39E-05	0.000205925	3.37E-05	5.52E-06
4.22E-06	2.8577E-06	-2.5E-06	2.24E-06
-0.00019	0.000168399	0.00035	0.000729
-0.00022	0.000111936	-8.7E-05	6.83E-05
-9.5E-06	2.26692E-07	1.23E-06	6.72E-06
0.001093	0.000337898	0.000425	0.000534
0.001761	8.27357E-05	0.000153	0.000283
-0.00063	0.000407968	0.000552	0.000747
-2.1E-05	0.000232739	-0.00048	0.000984
-2.4E-05	3.38175E-05	2.63E-05	2.05E-05
-0.00073	2.17039E-06	-4E-05	0.000722
0.000148	0.000549822	-0.00028	0.000141
0.001737	6.37534E-05	0.000484	0.003668
0.001656	0.002097883	0.001596	0.001214
0.000213	0.000182844	0.000386	0.000814
0.000238	3.18287E-05	0.000119	0.000448
0.000229	2.1616E-06	-2.8E-05	0.000368
0.001238	0.000315237	0.00106	0.003566
0.000991	0.002249231	0.001446	0.000929
-0.0003	1.11677E-06	2.25E-05	0.000455
-3.5E-06	1.67622E-05	1.37E-05	1.12E-05
0.000206	0.000683074	0.000555	0.000452
0.000748	0.001644336	0.002134	0.00277
0.000112	6.79618E-07	-1.6E-05	0.000367
-7.8E-05	4.24382E-05	0.000117	0.00032

0.000328	0.000380156	0.000513	0.000693
-0.00203	0.000889732	0.001137	0.001454
0.000275	0.000146756	0.00017	0.000197
0.000325	0.000212424	0.000204	0.000196
-2.2E-05	5.19817E-06	1.56E-05	4.7E-05
-3E-05	5.94003E-06	3.85E-06	2.5E-06
3.33E-05	0.000195405	-5.6E-05	1.62E-05
-1.7E-05	5.61872E-05	-5.4E-05	5.23E-05
-1.4E-05	0.00232391	0.000721	0.000223
0.000707	0.000238359	0.000621	0.001617
-1.4E-05	7.88583E-05	-2E-05	5.33E-06
0.000367	1.86188E-05	8E-05	0.000343
4.19E-05	0.000423859	0.000175	7.21E-05
0.000131	0.004738228	0.001512	0.000483
9.13E-05	0.000405239	5.63E-05	7.83E-06
0.000934	6.28475E-06	5.43E-05	0.000469
0.000201	1.10191E-06	9.06E-06	7.44E-05
-2.7E-06	0.001321696	0.00108	0.000882
3.19E-05	1.62362E-06	4.95E-06	1.51E-05
0.001649	0.000884329	0.001061	0.001274
-0.00012	0.000185103	-3.4E-05	6.29E-06
0.000218	0.000582037	0.000218	8.18E-05
0.000834	0.004052521	0.002757	0.001876
-1E-05	6.12126E-05	3.13E-05	1.6E-05
0.000478	0.001364524	0.000599	0.000263
7.49E-05	0.000212761	0.00024	0.000272
0.000111	0.00127904	0.000449	0.000158
-0.00163	0.000305748	0.000689	0.001552
-8.9E-05	0.000313273	0.00048	0.000734
6.01E-05	4.96276E-05	0.000119	0.000287
-0.00023	7.54955E-06	-5.8E-05	0.000438
0.000605	0.000407303	0.00055	0.000743
0.000737	0.000213164	0.000289	0.00039
5.98E-05	9.39601E-05	-0.00014	0.000206
0.002181	3.5353E-05	-0.00024	0.001576
-5.8E-06	0.000866417	-1.6E-05	2.84E-07
8.65E-05	0.000304344	0.000382	0.000479
4.54E-05	6.39087E-05	5.08E-05	4.04E-05
0.000229	1.99327E-05	0.000122	0.000741
0.00414	0.000783373	0.002977	0.011312
0.000135	9.8186E-05	2.55E-05	6.61E-06
4.62E-05	5.2541E-05	-3.8E-05	2.74E-05
9.08E-05	0.000137855	3.57E-05	9.23E-06
0.001005	0.000321445	0.000743	0.001716
0.000716	0.001066448	0.000888	0.00074
9.97E-05	0.000542587	-0.00017	5.41E-05
0.000175	0.000522837	0.000173	5.76E-05
-3.7E-05	4.6238E-05	0.00011	0.000264
0.000228	0.000255822	9.77E-05	3.73E-05
0.001275	0.002402136	0.002093	0.001824

0.000434	0.000226234	0.000797	0.002808
-6.1E-05	0.000110862	-0.00016	0.000232
-0.00315	0.000910411	0.002193	0.005284
-0.00089	0.003466918	-0.00074	0.00016
0.002133	0.005177452	0.005204	0.005231
0.006684	0.002552253	0.003599	0.005074
0.000388	0.000667349	0.000717	0.00077
-2.5E-06	0.002151142	0.00032	4.75E-05
0.00077	0.004833847	0.003062	0.001939
0.00017	0.000583077	0.000281	0.000135
0.004535	0.011859864	0.006175	0.003215
-0.00053	4.88106E-05	-0.00028	0.001586
3.9E-06	0.000742451	0.000997	0.001338
0.000366	0.000355943	0.000207	0.00012
-0.0033	0.001490211	0.002252	0.003404
-0.00054	0.001916848	-0.00097	0.000487
-0.00021	0.000210495	-2.6E-05	3.14E-06
0.000148	0.001907518	0.000294	4.54E-05
0.000396	0.001052628	0.000812	0.000626
0.00013	3.26661E-05	8.81E-05	0.000238
6.23E-05	0.001367493	0.000453	0.00015
7.33E-05	3.04524E-06	-3.2E-05	0.000341
-0.00022	0.000607721	0.00029	0.000138
0.000178	3.15006E-08	1.28E-06	5.23E-05
4.33E-05	0.00144755	0.000622	0.000267
-8.2E-06	0.000352393	-1.3E-05	4.96E-07
0.000717	0.001506658	0.001983	0.002609
2.07E-05	3.92175E-05	4.19E-05	4.47E-05
3.1E-05	0.001702887	-0.00021	2.59E-05
-0.00031	0.000224456	5.62E-05	1.4E-05
-0.00016	6.9336E-05	0.000224	0.000725
-0.0004	0.001090912	0.000305	8.5E-05
-5.3E-05	0.000176737	6.89E-05	2.68E-05
0.002293	2.48551E-05	-0.00024	0.002279
0.0012	0.002280927	0.001798	0.001417
1.69E-05	1.31091E-05	7.91E-06	4.77E-06
0.001123	7.18368E-05	0.000301	0.001258
0.001241	0.000409686	0.000766	0.001434
0.000661	0.001135703	0.002201	0.004265
0.000834	0.001995312	0.00277	0.003845
0.000342	0.000234498	0.00032	0.000437
0.001369	0.000677214	0.002036	0.006123
-0.0003	0.0002502	-0.00011	4.46E-05
-0.00038	2.40504E-05	0.000102	0.000429
0.00464	5.40012E-05	0.000581	0.006256
0.007927	0.001524301	0.00258	0.004368
0.00357	0.004053401	0.007063	0.012307
0.002711	0.003280427	0.002511	0.001922
0.000655	5.48977E-06	-7.1E-05	0.00091
0.014726	0.004209178	0.009846	0.02303

0.00204	0.002928237	0.003432	0.004021
-0.00318	0.000837804	0.001642	0.00322
0.000775	0.000245725	-0.00052	0.001121
0.000674	0.001235147	0.000924	0.000692
-5.1E-05	9.23455E-05	0.000214	0.000496
-0.00171	0.000224456	-0.00051	0.001153
-0.0006	0.000295645	0.000528	0.000943
-1.9E-05	0.000192256	7.34E-05	2.8E-05

0.000425	0.000817876	0.000633	0.001218
#NÁZEV?	#NÁZEV?	#NÁZEV?	#NÁZEV?