

LAMPIRAN

**DATA HARGA SAHAM, VOLUME PERDAGANGAN,
VOLATILITAS DAN SPREAD**

KODE SAHAM TRIM

NTICKB	HARI	RETH	TAWARHAR	MINTAHAR	HARTUP	VOLTUP	% SPREAD	oi'
TRIM	-5	0.02550	9100	8800	9050	5500	3.31%	0.00015
TRIM	-4	-0.02486	8850	8775	8825	25000	0.85%	0.00147
TRIM	-3	0.01700	8975	8950	8975	34000	0.28%	0.00001
TRIM	-2	0.02786	9250	9200	9225	426000	0.54%	0.00021
TRIM	-1	0.02168	9450	9425	9425	631000	0.27%	0.00007
TOTAL		0.06718			45500	1121500	5.25%	0.00190
RATA-RATA		0.01344			9100	224300	1.05%	0.00038
TRIM	1	-0.02500	1000	975	975	17170000	2.56%	0.00063
TRIM	2	0.02564	1000	975	1000	11649000	2.50%	0.00065
TRIM	3	0.00000	1000	975	1000	2905000	2.50%	0.00000
TRIM	4	0.00000	1000	975	1000	1534000	2.50%	0.00000
TRIM	5	0.00000	1000	975	1000	753000	2.50%	0.00000
TOTAL		0.00064			4975	34011000	12.56%	0.00128
RATA-RATA		0.00013			995	6802200	2.51%	0.00026

KODE SAHAM BHIT

NTICKB	HARI	RETH	TAWARHAR	MINTAHAR	HARTUP	VOLTUP	% SPREAD	ci²
BHIT	-5	-0.03448	2100	2075	2100	11788500	1.19%	0.00321
BHIT	-4	0.00000	2100	2075	2100	3553500	1.19%	0.00049
BHIT	-3	-0.05952	1975	1950	1975	5328500	1.27%	0.00667
BHIT	-2	0.21519	2400	2375	2400	7431000	1.04%	0.03726
BHIT	-1	-0.01042	2375	2350	2375	12182000	1.05%	0.00106
TOTAL		0.11077			10950	40283500	5.74%	0.04869
RATA-RATA		0.02215			2190	8056700	1.15%	0.00974
BHIT	1	0.00000	1150	1125	1150	26839500	2.17%	0.00019
BHIT	2	0.00000	1150	1125	1150	7369000	2.17%	0.00019
BHIT	3	-0.02273	1075	1050	1075	2929500	2.33%	0.00008
BHIT	4	-0.04651	1025	1000	1025	9436500	2.44%	0.00107
BHIT	5	0.00000	1025	1000	1025	4016000	2.44%	0.00019
TOTAL		-0.06924			5425	50590500	11.55%	0.00172
RATA-RATA		-0.01385			1085	10118100	2.31%	0.00034

KODE SAHAM ASGR

NTICKB	HARI	RETH	TAWARHAR	MINTAHAR	HARTUP	VOLTUP	% SPREAD	σ_i^2
ASGR	-5	0.00000	8625	8475	8500	172500	1.76%	0.00009
ASGR	-4	0.00000	8525	8500	8500	102000	0.29%	0.00009
ASGR	-3	-0.01765	8350	8175	8350	168500	2.10%	0.00007
ASGR	-2	-0.02994	8200	8050	8100	15500	1.85%	0.00042
ASGR	-1	0.00000	8100	8050	8100	181000	0.62%	0.00009
TOTAL		-0.04759			41550	639500	6.62%	0.00076
RATA-RATA		-0.00952			8310	127900	1.32%	0.000152
ASGR	1	-0.02500	975	950	975	14885500	2.56%	0.00002
ASGR	2	-0.02564	950	925	950	19021000	2.63%	0.00003
ASGR	3	-0.02632	950	925	925	8729500	2.70%	0.00003
ASGR	4	0.02703	950	925	950	7757500	2.63%	0.00226
ASGR	5	-0.05263	925	900	900	2763000	2.78%	0.00103
TOTAL		-0.10256			4700	53156500	13.31%	0.00337
RATA-RATA		-0.02051			940	10631300	2.66%	0.000674

KODE SAHAM MEDC

NTICKB	HARI	RETH	TAWARHAR	MINTAHAR	HARTUP	VOLTUP	% SPREAD	ci ²
MEDC	-5	0.0059	4275	4225	4275	128500	1.17%	2.7E-05
MEDC	-4	0.0059	4300	4225	4300	102000	1.74%	2.7E-05
MEDC	-3	-0.0640	4075	3950	4025	67500	3.11%	4.2E-03
MEDC	-2	0.0062	4100	3925	4050	126500	4.32%	3.1E-05
MEDC	-1	0.0494	4325	4250	4250	306000	1.76%	2.4E-03
TOTAL		0.0034			20900	730500	12.11%	6.6E-03
RATA-RATA		0.0007			4180	146100	2.42%	1.3E-03
MEDC	1	0.0000	850	800	850	113500	5.88%	3.2E-08
MEDC	2	-0.0294	825	775	825	216000	6.06%	8.8E-04
MEDC	3	0.0000	825	800	825	677500	3.03%	3.2E-08
MEDC	4	0.0000	825	800	825	2926500	3.03%	3.2E-08
MEDC	5	0.0303	850	825	850	1361500	2.94%	9.1E-04
TOTAL		0.0009			4175	5295000	20.94%	1.8E-03
RATA-RATA		0.0002			835	1059000	5.54%	3.6E-04

KODE SAHAM MIRA

NTICKB	HARI	RETH	TAWARHAR	MINTAHAR	HARTUP	VOLTUP	% SPREAD	ci ²
MIRA	-5	0.01399	770	720	725	17500	6.90%	0.00001
MIRA	-4	0.08966	800	790	790	491000	1.27%	0.00625
MIRA	-3	0.00000	800	785	790	90000	1.90%	0.00011
MIRA	-2	-0.05063	750	740	750	202500	1.33%	0.00375
MIRA	-1	0.00000	750	740	750	202500	1.33%	0.00011
TOTAL		0.05302			3805	1003500	12.73%	0.01023
RATA-RATA		0.01060			761	200700	2.55%	0.00205
MIRA	1	0.02410	430	425	425	3295500	1.18%	0.00130
MIRA	2	0.10588	475	470	470	4309000	1.06%	0.01388
MIRA	3	-0.12766	415	410	410	24314000	1.22%	0.01340
MIRA	4	-0.03659	400	395	395	5418500	1.27%	0.00061
MIRA	5	-0.02532	390	380	385	132500	2.60%	0.00018
TOTAL		-0.05959			2085	37469500	7.32%	0.02936
RATA-RATA		-0.01192			417	7493900	1.46%	0.00587

KODE SAHAM APLI

NTICKB	HARI	RETH	TAWARHAR	MINTAHAR	HARTUP	VOLTUP	% SPREAD	σi ²
APLI	-5	0.00000	2420	2325	2440	5000	3.89%	0.00831
APLI	-4	-0.17828	2005	2000	2005	3642000	0.25%	0.00759
APLI	-3	0.00000	2005	2000	2005	3642000	0.25%	0.00831
APLI	-2	-0.19950	1605	1600	1605	2157000	0.31%	0.01174
APLI	-1	-0.07788	1480	1475	1480	1646000	0.34%	0.00018
TOTAL		-0.45566			9535	11092000	5.04%	0.03612
RATA-RATA		-0.09113			1907	2218400	1.01%	0.00722
APLI	1	-0.02041	245	240	240	3282000	2.08%	0.00174
APLI	2	0.04167	250	245	250	32016000	2.00%	0.01078
APLI	3	-0.12	225	220	220	59446000	2.27%	0.00334
APLI	4	-0.04545	215	210	210	57939500	2.38%	0.00028
APLI	5	-0.16667	180	175	175	41214000	2.86%	0.01092
TOTAL		-0.31086			1095	193897500	11.59%	0.02707
RATA-RATA		-0.062172			219	38779500	2.32%	0.00541

KODE SAHAM UNTR

NTICKB	HARI	RETH	TAWARHAR	MINTAHAR	HARTUP	VOLTUP	% SPREAD	σ_i^2
UNTR	-5	-0.02632	1850	1845	1850	422000	0.27%	0.00114
UNTR	-4	0.01351	1875	1840	1875	263000	1.87%	0.00004
UNTR	-3	0.00267	1880	1850	1880	113500	1.60%	0.00002
UNTR	-2	0.02128	1920	1880	1920	178500	2.08%	0.00019
UNTR	-1	0.02604	1970	1955	1970	434000	0.76%	0.00035
TOTAL		0.03718			9495	1411000	6.58%	0.00174
RATA-RATA		0.007436			1899	282200	1.32%	0.00035
UNTR	1	0.01020	495	490	495	6249000	1.01%	0.00084
UNTR	2	0.00000	495	490	495	4610000	1.01%	0.00035
UNTR	3	-0.01010	490	485	490	2095500	1.02%	0.00008
UNTR	4	-0.04082	470	465	470	900000	1.06%	0.00049
UNTR	5	-0.05319	445	440	445	788500	1.12%	0.00118
TOTAL		-0.09391			2395	14643000	5.23%	0.00294
RATA-RATA		-0.01878			479	2928600	1.05%	0.00059

KODE SAHAM INDF

NTICKB	HARI	RETH	TAWARHAR	MINTAHAR	HARTUP	VOLTUP	% SPREAD	oi ²
INDF	-5	-0.0326	3720	3710	3710	2222000	0.27%	0.00183
INDF	-4	0.0243	3805	3800	3800	1181500	0.13%	0.00020
INDF	-3	0.0000	3800	3790	3800	1136000	0.26%	0.00010
INDF	-2	0.0026	3810	3800	3810	776000	0.26%	0.00006
INDF	-1	0.0564	4040	4025	4025	2293000	0.37%	0.00214
TOTAL		0.0507			19145	7608500	1.30%	0.00433
RATA-RATA		0.0101			3829	1521700	0.26%	0.00087
INDF	1	-0.0118	840	835	840	20140500	0.60%	0.00004
INDF	2	-0.0595	790	785	790	40054000	0.64%	0.00173
INDF	3	-0.0190	775	765	775	71358500	1.31%	0.00000
INDF	4	0.0194	790	785	790	49498000	0.64%	0.00139
INDF	5	-0.0190	775	770	775	16229500	0.65%	0.00000
TOTAL		-0.0899			3970	197280500	3.83%	0.00316
RATA-RATA		-0.0180			794	39456100	0.77%	0.00063

KODE SAHAM BASS

NTICKB	HARI	RETH	TAWARHAR	MINTAHAR	HARTUP	VOLTUP	% SPREAD	σt²
BASS	-5	0.03968	2625	2615	2620	133000	0.38%	0.00004
BASS	-4	0.00191	2625	2605	2625	89000	0.76%	0.00098
BASS	-3	-0.00762	2605	2575	2605	85000	1.15%	0.00167
BASS	-2	0.00192	2610	2605	2610	71000	0.19%	0.00098
BASS	-1	0.13027	2945	2925	2950	3178000	0.68%	0.00942
TOTAL		0.16616			13410	3556000	3.16%	0.01309
RATA-RATA		0.033232			2682	711200	0.63%	0.002618
BASS	1	0.00833	610	605	605	5746000	0.83%	0.00001
BASS	2	0.04959	635	630	635	5882500	0.79%	0.00110
BASS	3	0.01575	650	645	645	15912000	0.78%	0.00000
BASS	4	-0.01550	645	635	635	1806500	1.57%	0.00102
BASS	5	0.02362	655	650	650	4494500	0.77%	0.00005
TOTAL		0.08179			3170	33841500	4.73%	0.00218
RATA-RATA		0.01636			634	6768300	0.95%	0.000436

KODE SAHAM TRST

NTICKB	HARI	RETH	TAWARHAR	MINTAHAR	HARTUP	VOLTUP	% SPREAD	oi ²
TRST	-5	0.0600	530	525	530	6905000	0.94%	0.0021
TRST	-4	0.0000	530	520	530	1517500	1.89%	0.0002
TRST	-3	-0.0189	520	510	520	878000	1.92%	0.0011
TRST	-2	0.0096	525	520	525	1163000	0.95%	0.0000
TRST	-1	0.0191	535	525	535	8911500	1.87%	0.0000
TOTAL		0.0698			2640	19375000	7.57%	0.0034
RATA-RATA		0.0140			528	3875000	1.51%	0.0007
TRST	1	0.0000	105	95	105	2853500	9.52%	8E-05
TRST	2	-0.0476	100	95	100	5462000	5.00%	1E-03
TRST	3	-0.0500	95	90	95	3740500	5.26%	2E-03
TRST	4	0.0000	95	90	95	1601000	5.26%	8E-05
TRST	5	0.0526	100	90	100	1130000	10.00%	4E-03
TOTAL		-0.0450			495	14787000	35.05%	7E-03
RATA-RATA		-0.0090			99	2957400	7.01%	1E-03

KODE SAHAM MITI

NTICKB	HARI	RETH	TAWARHAR	MINTAHAR	HARTUP	VOLTUP	% SPREAD	oi²
MITI	-5	0.00000	340	335	340	456500	1.47%	0.00099
MITI	-4	0.04412	360	355	355	2891500	1.41%	0.00016
MITI	-3	-0.01408	350	345	350	671000	1.43%	0.00207
MITI	-2	0.01429	360	355	355	2541500	1.41%	0.00029
MITI	-1	0.11268	390	365	395	9383000	6.33%	0.00661
TOTAL		0.15701			1795	15943500	12.05%	0.01012
RATA-RATA		0.03140			359	3188700	2.41%	0.00202
MITI	1	-0.05000	195	190	190	995000	2.63%	0.00122
MITI	2	0.02632	195	190	195	402500	2.56%	0.00172
MITI	3	-0.02564	195	190	190	360000	2.63%	0.00011
MITI	4	-0.02632	190	185	185	119500	2.70%	0.00013
MITI	5	0.00000	185	180	185	596500	2.70%	0.00023
TOTAL		-0.07564			945	2473500	13.23%	0.00340
RATA-RATA		-0.01513			189	494700	2.65%	0.00068

KODE SAHAM ASIA

NTICKB	HARI	RETH	TAWARHAR	MINTAHAR	HARTUP	VOLTUP	% SPREAD	σ^2
ASIA	-5	-0.03125	155	150	155	849000	3.23%	0.00936
ASIA	-4	0.00000	155	150	155	720500	3.23%	0.00429
ASIA	-3	0.00000	155	145	155	327500	6.45%	0.00429
ASIA	-2	0.00000	155	150	155	218000	3.23%	0.00429
ASIA	-1	0.09677	170	160	170	2826500	5.88%	0.00098
TOTAL		0.06552			790	4941500	22.01%	0.02322
RATA-RATA		0.01310			158	988300	4.40%	0.00464
ASIA	1	-0.44118	95	90	95	217500	5.26%	0.13211
ASIA	2	0	95	90	95	179000	5.26%	0.00604
ASIA	3	0	95	90	95	306500	5.26%	0.00604
ASIA	4	0	95	90	95	153500	5.26%	0.00604
ASIA	5	0.05263	100	95	100	943500	5.00%	0.01699
		-0.38855			480	1800000	26.05%	0.16722
		-0.07771			96	360000	5.21%	0.03344

KODE SAHAM ESTI

NTICKB	HARI	RETH	TAWARBAR	MINTAHAR	HARTUP	VOLTUP	% SPREAD	ci'
ESTI	-5	0.00000	950	925	950	2500	2.63%	0.00166
ESTI	-4	0.00000	975	950	950	2000	2.63%	0.00166
ESTI	-3	-0.02632	950	925	925	2500	2.70%	0.00450
ESTI	-2	0.10811	1025	950	1025	134500	7.32%	0.00454
ESTI	-1	0.12195	1150	1100	1150	235000	4.35%	0.00659
TOTAL		0.20374			5000	376500	19.63%	0.01895
RATA-RATA		0.04075			1000	75300	3.93%	0.00379
ESTI	1	-0.06000	245	235	235	50000	4.26%	0.00191
ESTI	2	0.00000	240	235	235	280000	2.13%	0.00026
ESTI	3	0.00000	250	235	235	330000	6.38%	0.00026
ESTI	4	0.00000	250	235	235	1000000	6.38%	0.00026
ESTI	5	-0.02128	235	170	230	37500	28.26%	0.00003
TOTAL		-0.08128			1170	1697500	47.41%	0.00273
RATA-RATA		-0.01626			234	339500	9.48%	0.00055

KODE SAHAM SUBA

NTICKB	HARI	RETH	TAWARHAR	MINTAHAR	HARTUP	VOLTUP	% SPREAD	σi ²
SUBA	-5	-0.02703	185	180	180	904500	2.78%	0.00196
SUBA	-4	0.02778	185	180	185	67500	2.70%	0.00011
SUBA	-3	-0.05405	180	175	175	337000	2.86%	0.00509
SUBA	-2	0.02857	185	180	180	337000	2.78%	0.00013
SUBA	-1	0.11111	200	195	200	6407000	2.50%	0.00880
TOTAL		0.08638			920	8053000	13.62%	0.01609
RATA-RATA		0.017276			184	1610600	2.72%	0.00322
SUBA	1	0.00000	95	90	90	442000	5.56%	0.00012
SUBA	2	-0.05556	90	85	85	772500	5.88%	0.00198
SUBA	3	0.00000	90	80	85	149000	11.76%	0.00012
SUBA	4	0.00000	85	80	85	186000	5.88%	0.00012
SUBA	5	0.00000	85	80	85	505000	5.88%	0.00012
TOTAL		-0.05556			430	2054500	34.97%	0.00247
RATA-RATA		-0.01111			86	410900	6.99%	0.00049

NTICKB	HARI	RETH	TAWARHAR	MINTAHAR	HARTUP	VOLTUP	% SPREAD	σ_i^2
ULTJ	-5	0.02128	1225	1200	1200	1165500	2.08%	0.00016
ULTJ	-4	0.02083	1250	1225	1225	193000	2.04%	0.00015
ULTJ	-3	0.02041	1250	1225	1250	1264000	2.00%	0.00014
ULTJ	-2	0.00000	1250	1225	1250	776000	2.00%	0.00007
ULTJ	-1	-0.02000	1250	1225	1225	1335500	2.04%	0.00081
TOTAL		0.04252			6150	4734000	10.16%	0.00134
RATA-RATA		0.00850			1230	946800	2.03%	0.00027
ULTJ	1	-0.02083	235	230	235	3478500	2.13%	0.00114
ULTJ	2	0.02128	240	235	240	1516000	2.08%	0.00007
ULTJ	3	0.00000	240	230	240	1397500	4.17%	0.00017
ULTJ	4	-0.02083	240	235	235	635500	2.13%	0.00114
ULTJ	5	0.08511	255	250	255	15632000	1.96%	0.00521
TOTAL		0.06473			1205	22659500	12.47%	0.00773
RATA-RATA		0.01295			241	4531900	2.49%	0.00155

KODE SAHAM RMBA

NTICKB	HARI	RETH	TAWARHAR	MINTAHAR	HARTUP	VOLTUP	% SPREAD	σ^2
RMBA	-5	0.00000	180	175	180	1529500	2.78%	0.00012
RMBA	-4	-0.02778	180	175	175	3978000	2.86%	0.00028
RMBA	-3	0.00000	180	175	175	5177500	2.86%	0.00012
RMBA	-2	0.02857	180	175	180	8697000	2.78%	0.00156
RMBA	-1	-0.05556	175	170	170	3950500	2.94%	0.00199
TOTAL		-0.05477			880	23332500	14.21%	0.00407
RATA-RATA		-0.01095			176	4666500	2.84%	0.00081
RMBA	1	0.00000	165	160	165	6491500	3.03%	0.00004
RMBA	2	0.06061	175	170	175	34231500	2.86%	0.00294
RMBA	3	-0.02857	175	170	170	14130500	2.94%	0.00122
RMBA	4	0.00000	175	170	170	6502500	2.94%	0.00004
RMBA	5	0.00000	170	165	170	5649000	2.94%	0.00004
TOTAL		0.03204			850	67005000	14.71%	0.00428
RATA-RATA		0.00641			170	13401000	2.94%	0.000856

KODE SAHAM RALS												
NTICKB	HARI	RETH	TAWARHAR	MINTAHAR	HARTUP	VOLTUP	% SPREAD	σ^2				
RALS	-5	-0.00909	5450	5400	5450	810500	0.92%	0.00001				
RALS	-4	-0.00917	5500	5400	5400	617000	1.85%	0.00001				
RALS	-3	0.00000	5450	5400	5400	429000	0.93%	0.00004				
RALS	-2	0.01852	5500	5450	5500	1392500	0.91%	0.00061				
RALS	-1	-0.05455	5250	5200	5200	1292500	0.96%	0.00235				
TOTAL		-0.05429			26950	4541500	5.57%	0.00302				
RATA-RATA		-0.00609			5416.67	618833.33	1.11%	0.000604				
RALS	1	-0.05357	2650	2625	2650	655500	0.94%	0.00272				
RALS	2	0.00000	2675	2650	2650	217000	0.94%	0.00000				
RALS	3	0.01887	2700	2675	2700	21500	0.93%	0.00041				
RALS	4	0.00926	2750	2725	2725	186500	0.92%	0.00011				
RALS	5	0.01835	2800	2775	2775	364000	0.90%	0.00039				
TOTAL		-0.00709			13500	1444500	4.63%	0.00364				
RATA-RATA		-0.00142			2700	288900	0.93%	0.00073				

KODE SAHAM BBKA

NTICKB	HARI	RETH	TAWARHAR	MINTAHAR	HARTUP	VOLTUP	% SPREAD	σt
BBKA	-5	0.00000	1700	1675	1700	475000	1.47%	0.00001
BBKA	-4	0.00000	1700	1675	1700	1295000	1.47%	0.00001
BBKA	-3	0.00000	1700	1675	1700	1215000	1.47%	0.00001
BBKA	-2	0.01471	1725	1700	1725	220000	1.45%	0.00014
BBKA	-1	0.00000	1725	1700	1725	510000	1.45%	0.00001
TOTAL		0.01471			8550	3715000	7.31%	0.00017
RATA-RATA		0.00294			1710	743000	1.46%	0.00003

BBKA	1	0.02857	900	875	900	1690000	2.78%	0.00028
BBKA	2	0.05556	950	925	950	7255000	2.63%	0.00191
BBKA	3	-0.05263	900	875	900	6580000	2.78%	0.00416
BBKA	4	0.02778	925	900	925	3005000	2.70%	0.00025
BBKA	5	0.00000	925	900	925	1715000	2.70%	0.00014
TOTAL		0.05928			4600	20245000	13.59%	0.00674
RATA-RATA		0.01186			920	4049000	2.72%	0.00135

KODE SAHAM TURI

NTICKB	HARI	RETH	TAWARHAR	MINTABAR	HARTUP	VOLTUP	% SPREAD	GI²
TURI	-5	-0.02703	1800	1775	1800	1566500	1.39%	0.00002
TURI	-4	-0.05556	1700	1675	1700	739500	1.47%	0.00111
TURI	-3	0.02941	1750	1675	1750	428500	4.29%	0.00267
TURI	-2	-0.02857	1700	1675	1700	139000	1.47%	0.00004
TURI	-1	-0.02941	1650	1625	1650	293500	1.52%	0.00005
TOTAL		-0.11116			8600	3167000	10.13%	0.00389
RATA-RATA		-0.02223			1720	633400	2.03%	0.00078
TURI	1	0.01613	315	310	315	855500	1.59%	0.00001
TURI	2	0.04762	330	325	330	2106500	1.52%	0.00080
TURI	3	0.07576	360	355	355	5955000	1.41%	0.00318
TURI	4	-0.02817	345	340	345	3168500	1.45%	0.00226
TURI	5	-0.01449	345	340	340	860500	1.47%	0.00115
TOTAL		0.09685			1685	12946000	7.43%	0.00739
RATA-RATA		0.01937			337	2589200	1.49%	0.00148

KODE SAHAM SRSN

NTICKB	HARI	RETH	TAWARHAR	MINTAHAR	HARTUP	VOLTUP	% SPREAD	σi²
SRSN	-5	0.04615	1725	1650	1700	5080000	4.41%	0.0023
SRSN	-4	-0.02941	1725	1625	1650	3971000	6.06%	0.0007
SRSN	-3	0.04545	1750	1650	1725	5857500	5.80%	0.0023
SRSN	-2	-0.01449	1700	1650	1700	3677000	2.94%	0.0002
SRSN	-1	-0.05882	1600	1550	1600	910500	3.13%	0.0032
TOTAL		-0.01112			8375	19496000	22.34%	0.0087
RATA-RATA		-0.00222			1675	3899200	4.47%	0.0017
SRSN	1	-0.07143	130	125	130	10001000	3.85%	0.0076
SRSN	2	0.11538	145	140	145	15643000	3.45%	0.0099
SRSN	3	0.03448	150	145	150	14887500	3.33%	0.0004
SRSN	4	0.00000	150	145	150	10765500	3.33%	0.0002
SRSN	5	0.00000	150	145	150	8214500	3.33%	0.0002
TITAL		0.07843			725	59511500	17.29%	0.0184
RATA-RATA		0.01569			145	11902300	3.46%	0.0037

KODE SAHAM SMPL		RETH	TAWARHAR	MINTAHAR	HARTUP	VOLTUP	% SPREAD	σ^2
NTICKB	HARI							
SMPL	-5	0.01538	1675	1650	1650	64000	1.52%	0.00015
SMPL	-4	-0.01515	1650	1625	1625	28500	1.54%	0.00034
SMPL	-3	-0.01538	1650	1600	1600	66000	3.13%	0.00035
SMPL	-2	0	1650	1600	1600	12500	3.13%	0.00001
SMPL	-1	0.03125	1650	1625	1650	1335000	1.52%	0.00079
TOTL		0.0161			8125	1506000	10.82%	0.00163
RATA-RATA		0.00322			1625	301200	2.16%	0.00033
SMPL	1	0.06849	395	385	390	10773500	2.56%	0.00198
SMPL	2	-0.02564	380	375	380	6281500	1.32%	0.00246
SMPL	3	0.02632	390	385	390	4873500	1.28%	0.00001
SMPL	4	0.03846	405	400	405	5500000	1.23%	0.00021
SMPL	5	0.01235	410	405	410	6066500	1.22%	0.00014
TOTAL		0.11998			1975	33495000	7.62%	0.00479
RATA-RATA		0.023996			395	6699000	1.52%	0.00096

KODE SAHAM SIMM

NTICKB	HARI	RETH	TAWARHAR	MINTAHAR	HARTUP	VOLTUP	% SPREAD	oi ²
SIMM	-5	0.01010	2500	2425	2500	90000	3.00%	0.000015
SIMM	-4	-0.01000	2500	2450	2475	35000	2.02%	0.000006
SIMM	-3	0.01010	2500	2475	2500	52500	1.00%	0.000015
SIMM	-2	-0.01000	2500	2475	2475	37500	1.01%	0.000006
SIMM	-1	-0.01010	2475	2425	2450	42500	2.04%	0.000007
TOTAL		-0.00990			12400	257500	9.07%	0.000049
RATA-RATA		-0.00198			2480	51500	1.81%	0.000010
SIMM	1	-0.01031	480	470	480	2342500	2.08%	1.1E-06
SIMM	2	-0.03704	395	390	390	1136000	1.28%	6.6E-04
SIMM	3	-0.03125	470	465	465	2160000	1.08%	4.0E-04
SIMM	4	0.03226	480	475	480	1945000	1.04%	1.9E-03
SIMM	5	-0.01042	480	470	475	1767500	2.11%	8.7E-07
TOTAL		-0.05676			2290	9351000	7.59%	3E-03
RATA-RATA		-0.01135			458	1870200	1.52%	6E-04

KODE SAHAM HMSP

NTICKB	HARI	RETH	TAWARHAR	MINTAHAR	HARTUP	VOLTUP	% SPREAD	σ^2
HMSP	-5	-0.03604	16050	16000	16050	1185500	0.31%	0.00195
HMSP	-4	0.04050	16750	16700	16700	1397000	0.30%	0.00105
HMSP	-3	0.03593	17300	17250	17300	1634500	0.29%	0.00078
HMSP	-2	0.00289	17400	17350	17350	1646000	0.29%	0.00003
HMSP	-1	-0.00288	17350	17300	17300	2867000	0.29%	0.00012
TOTAL		0.04040			84700	8730000	1.48%	0.00392
RATA-RATA		0.00808			16940	1746000	0.30%	0.00078
HMSP	1	-0.80925	3300	3275	3300	17109500	0.76%	0.40948
HMSP	2	0.00758	3325	3300	3325	5370000	0.75%	0.03130
HMSP	3	-0.04511	3200	3175	3175	11070500	0.79%	0.01543
HMSP	4	-0.00787	3150	3125	3150	2822500	0.79%	0.02607
HMSP	5	0.00794	3175	3150	3175	11139500	0.79%	0.03143
TOTAL		-0.84671			16125	47512000	3.88%	0.51372
RATA-RATA		-0.16934			3225	9502400	0.78%	0.10274

KODE SAHAM BLTA

NTICKB	HARI	RETH	TAWARHAR	MINTAHAR	HARTUP	VOLTUP	% SPREAD	σi*
BLTA	-5	0.00000	2050	2025	2050	1040500	1.22%	0.00002
BLTA	-4	0.00000	2050	2025	2050	540000	1.22%	0.00002
BLTA	-3	0.00000	2075	2050	2050	2409500	1.22%	0.00002
BLTA	-2	0.01220	2100	2075	2075	506500	1.20%	0.00005
BLTA	-1	0.01205	2100	2075	2100	2630000	1.19%	0.00005
TOTAL		0.02425			10325	7126500	6.05%	0.00016
RATA-RATA		0.00485			2065	1425300	1.21%	0.00003
BLTA	1	-0.04762	525	500	500	2351000	5.00%	0.00343
BLTA	2	0.10000	550	525	550	2967500	4.55%	0.00794
BLTA	3	-0.04545	525	500	525	1041500	4.76%	0.00318
BLTA	4	0.04762	550	525	550	1465000	4.55%	0.00135
BLTA	5	0.00000	550	525	550	1178500	4.55%	0.00012
TOTAL		0.05455			2675	9003500	23.40%	0.01601
RATA-RATA		0.01091			535	1800700	4.68%	0.00320

KODE SAHAM		TMPI		RETH	TAWARHAR	MINTAHAR	HARTUP	VOLTUP	% SPREAD	σ_i^2
NTICKB	HARI									
TMPI	-5	0.04167	125	120	125	120	125	464000	4.00%	0.00247
TMPI	-4	-0.04000	125	120	125	120	120	400000	4.17%	0.00102
TMPI	-3	0.00000	125	120	125	120	120	50500	4.17%	0.00006
TMPI	-2	0.00000	125	120	125	120	120	267500	4.17%	0.00006
TMPI	-1	-0.04167	120	115	120	115	115	802500	4.35%	0.00113
TOTAL		-0.04000					600	1984500	20.85%	0.00475
RATA-RATA		-0.00800					120	396900	4.17%	0.00095
TMPI	1	-0.04000	125	120	125	120	120	4526500	4.17%	0.00102
TMPI	2	0.00000	125	120	125	120	120	265000	4.17%	0.00006
TMPI	3	0.00000	120	115	120	115	120	804000	4.17%	0.00006
TMPI	4	0.00000	120	115	120	115	120	305000	4.17%	0.00006
TMPI	5	0.00000	120	115	120	115	120	175000	4.17%	0.00006
TOTAL		-0.04000					600	6075500	20.83%	0.00006
RATA-RATA		-0.00800					120	1215100	4.17%	0.00026

KODE SAHAM FMII

NTICKB	HARI	RETH	TAWARHAR	MINTAHAR	HARTUP	VOLTUP	% SPREAD	σi ²
FMII	-5	0.00000	1050	1025	1025	16000	2.44%	0.00003
FMII	-4	-0.02439	1025	1000	1000	67500	2.50%	0.00086
FMII	-3	0.02500	1050	1025	1025	25000	2.44%	0.00040
FMII	-2	0.02439	1050	1000	1050	25000	4.76%	0.00038
FMII	-1	0.00000	1050	1000	1050	25000	4.76%	0.00003
TOTAL		0.02500			5150	158500	16.90%	0.00169
RATA-RATA		0.00500			1030	31700	3.38%	0.00034
FMII	1	0.05000	210	205	210	1879500	2.38%	0.00199
FMII	2	0.02381	220	215	215	2427500	2.33%	0.00034
FMII	3	-0.02326	215	205	210	362500	4.76%	0.00082
FMII	4	0.00000	210	205	210	45000	2.38%	0.00003
FMII	5	-0.02381	205	200	205	185000	2.44%	0.00085
TOTAL		0.02674			1050	4899500	14.29%	0.00403
RATA-RATA		0.00535			210	979900	2.86%	0.00081

LAMPIRAN 2

**RATA-RATA HARGA SAHAM, VOLUME PERDAGANGAN, VOLATILITAS
DAN PERSENTASE SPREAD SEBELUM DAN SESUDAH STOCK SPLIT**

NO	KODE SAHAM	harga saham sebelum stock split	harga saham setelah stock split	Volume perdagangan sebelum stock split	Volume perdagangan setelah stock split	σ^2 sebelum stock split	σ^2 setelah stock split	% spread sebelum stock split	% spread setelah stock split
1	TRIM	9100	955	224300	6802200	0.00038	0.00026	1.05%	2.51%
2	BHIT	2190	1085	8056700	10118100	0.00974	0.00034	1.15%	2.31%
3	ASGR	8310	940	127900	10631300	0.000152	0.000674	1.32%	2.66%
4	MEDC	4180	835	146100	1059000	0.0013	0.00036	2.42%	5.54%
5	MIRA	761	417	200700	7493900	0.00205	0.00587	2.55%	1.46%
6	APLI	1907	219	2218400	38779500	0.00722	0.00541	1.01%	2.32%
7	LNTR	1899	479	282200	2928600	0.00035	0.00059	1.32%	1.05%
8	INDF	3829	794	1521700	39456100	0.00087	0.00063	0.26%	0.77%
9	BASS	2682	634	711200	6768300	0.002618	0.000436	0.63%	0.95%
10	TRST	528	99	3875000	2957400	0.0007	0.001	1.51%	7.01%
11	MJTI	359	189	3188700	494700	0.00202	0.00068	2.41%	2.65%
12	ASIA	158	96	988300	360000	0.00464	0.03344	4.40%	5.21%
13	ESTI	1000	234	75300	339500	0.00379	0.00055	3.93%	9.48%
14	SUBA	184	86	1610600	410900	0.00322	0.00049	2.72%	6.99%
15	ULTJ	1230	241	946800	4531900	0.00027	0.00155	2.03%	2.49%
16	RMBA	176	170	4666500	13401000	0.00081	0.000856	2.84%	2.94%
17	RALS	5416.67	2700	618833.33	288900	0.000604	0.00073	1.11%	0.93%
18	BBCA	1710	920	743000	4049000	0.00003	0.00135	1.46%	2.72%
19	TURI	1720	337	633400	2589200	0.00078	0.00148	2.03%	1.49%
20	SRSN	1675	145	399200	11902300	0.0017	0.0037	4.47%	3.46%
21	SMPN	1625	395	301200	6699000	0.00033	0.00096	2.16%	1.52%
22	SIMM	2480	458	51500	1870200	0.0001	0.0006	1.81%	1.52%
23	HMSP	16940	3225	1746000	9502400	0.00078	0.10274	0.30%	0.78%
24	BLTA	2065	535	1425300	1800700	0.00003	0.0032	1.21%	4.68%
25	TMPI	120	120	396900	1215100	0.00095	0.00026	4.17%	4.17%
26	FMII	1030	210	31700	979900	0.00034	0.00081	3.30%	2.86%
	TOTAL	73.274,67	16.558	3867433,33	187429100	0.045774	0.168966	53.65%	80.47%
	RATA-RATA	2818,27	636,85	1487978,2	7208811,54	0.001760538	0.006498692	2.06%	3.10%

LAMPIRAN 3
DATA SPSS REGRESI

	PRICE	VOL	RISK	D	SPREAD	LN.PRICE	LN.VOL	Res 1	Res 2	Res 3
1	9050	5500	0.00170	0	0.0331	8.61	9.11	0.0130	0.0180	0.0170
2	1650	64000	0.00090	0	0.0152	11.07	7.41	-0.0110	-0.0100	-0.0080
3	180	904500	0.00010	0	0.0278	13.72	5.19	-0.0080	-0.0100	-0.0050
4	180	1529500	0.00000	0	0.0278	14.24	5.19	-0.0060	-0.0100	-0.0040
5	1700	475000	0.00000	0	0.0147	13.07	7.44	-0.0040	0.0000	-0.0030
6	1025	16000	0.01240	0	0.0244	9.68	6.93	-0.0110	-0.0100	-0.0050
7	950	2500	0.00020	0	0.0263	7.82	6.86	-0.0160	-0.0100	-0.0080
8	1800	1566500	0.00070	0	0.0139	14.26	7.50	0.0000	0.0000	-0.0010
9	1200	1165500	0.00130	0	0.0208	13.97	7.09	0.0023	0.0010	0.0024
10	2620	133000	0.00000	0	0.0038	11.80	7.87	-0.0160	-0.0100	-0.0140
11	8500	172500	0.00010	0	0.0176	12.06	9.05	0.0091	0.0090	0.0090
12	2100	11788500	0.00120	0	0.0119	16.28	7.65	0.0063	0.0010	0.0029
13	155	849000	0.00220	0	0.0323	13.65	5.04	-0.0050	0.0000	-0.0020
14	16050	1185500	0.00040	0	0.0031	13.99	9.68	0.0066	0.0030	0.0035
15	530	6905000	0.00210	0	0.0094	15.75	6.27	-0.0100	-0.0100	-0.0110
16	3710	2222000	0.00030	0	0.0027	14.61	8.22	-0.0040	-0.0100	-0.0060
17	4275	128500	0.00040	0	0.0117	11.76	8.36	-0.0040	0.0000	-0.0030
18	1700	5080000	0.00210	0	0.0441	15.44	7.44	0.0337	0.0300	0.0316
19	125	464000	0.00320	0	0.04	13.05	4.83	-0.0010	0.0010	0.0031
20	5450	810500	0.00000	0	0.0092	13.61	8.60	0.0023	0.0000	0.0009
21	2050	1040500	0.00000	0	0.0122	13.86	7.63	-0.0020	0.0000	-0.0030
22	2440	5000	0.00020	0	0.0389	8.52	7.80	0.0074	0.0130	0.0131
23	1850	422000	0.00010	0	0.0027	12.95	7.52	-0.0160	-0.0200	-0.0150
24	2500	90000	0.00010	0	0.03	11.41	7.82	0.0088	0.0100	0.0110
25	340	456500	0.00100	0	0.0147	13.03	5.83	-0.0180	-0.0200	-0.0150
26	725	17500	0.00000	0	0.069	9.77	6.59	0.0316	0.0360	0.0373
27	8825	25000	0.00010	0	0.0085	10.13	9.09	-0.0060	0.0000	-0.0040
28	1625	28500	0.00000	0	0.0154	10.26	7.39	-0.0130	-0.0100	-0.0090
29	185	67500	0.00180	0	0.027	11.12	5.22	-0.0170	-0.0100	-0.0110
30	175	3978000	0.00080	0	0.0286	15.20	5.16	-0.0020	0.0000	-0.0010
31	1700	1295000	0.00000	0	0.0147	14.07	7.44	0.0000	0.0000	-0.0010
32	1000	67500	0.00010	0	0.025	11.12	6.91	-0.0050	0.0000	-0.0010
33	950	2000	0.00020	0	0.0263	7.60	6.86	-0.0160	-0.0100	-0.0080
34	1700	739500	0.00310	0	0.0147	13.51	7.44	-0.0020	0.0000	-0.0020
35	1225	193000	0.00130	0	0.0204	12.17	7.11	-0.0040	0.0000	-0.0020
36	2625	89000	0.00100	0	0.0076	11.40	7.87	-0.0130	-0.0100	-0.0110
37	8500	102000	0.00010	0	0.0029	11.53	9.05	-0.0070	-0.0100	-0.0070
38	2100	3553500	0.00000	0	0.0119	15.03	7.65	0.0021	0.0000	0.0001
39	155	720500	0.00020	0	0.0323	13.49	5.04	-0.0050	0.0000	-0.0020
40	16700	1397000	0.00310	0	0.003	14.15	9.72	0.0074	0.0040	0.0040
41	530	1517500	0.00020	0	0.0189	14.23	6.27	-0.0060	-0.0100	-0.0050
42	3800	1181500	0.00160	0	0.0013	13.98	8.24	-0.0070	-0.0100	-0.0090
43	4300	102000	0.00040	0	0.0174	11.53	8.37	0.0012	0.0020	0.0026
44	1650	3971000	0.00090	0	0.0606	15.19	7.41	0.0491	0.0460	
45	120	400000	0.00060	0	0.0417	12.90	4.79	0.0000	0.0020	0.0042
46	5400	617000	0.00000	0	0.0185	13.33	8.59	0.0105	0.0090	0.0095
47	2050	540000	0.00000	0	0.0122	13.20	7.63	-0.0040	0.0000	-0.0040
48	2005	3642000	0.02680	0	0.0025	15.11	7.60	-0.0080	-0.0100	-0.0100
49	1875	263000	0.00080	0	0.0187	12.48	7.54	-0.0010	0.0000	0.0001
50	2475	35000	0.00010	0	0.0202	10.46	7.81	-0.0040	0.0000	-0.0010
51	355	2891500	0.00020	0	0.0141	14.88	5.87	-0.0110	-0.0100	-0.0110
52	790	491000	0.00630	0	0.0127	13.10	6.67	-0.0120	-0.0100	-0.0110
53	8975	34000	0.00100	0	0.0028	10.43	9.10	-0.0110	-0.0100	-0.0090
54	1600	66000	0.00000	0	0.0313	11.10	7.38	0.0053	0.0080	0.0084

	PRICE	VOL	RISK	D	SPREAD	LN.PRICE	LN.VOL	Res 1	Res 2	Res 3
55	175	337000	0.00150	0	0.0286	12.73	5.16	-0.0110	-0.0100	-0.0070
56	175	5177500	0.00000	0	0.0286	15.46	5.16	-0.0010	0.0000	0.0000
57	1700	1215000	0.00000	0	0.0147	14.01	7.44	-0.0010	0.0000	-0.0010
58	1025	25000	0.00160	0	0.0244	10.13	6.93	-0.0090	0.0000	-0.0040
59	925	2500	0.00010	0	0.027	7.82	6.83	-0.0150	-0.0100	-0.0070
60	1750	428500	0.00090	0	0.0429	12.97	7.47	0.0242	0.0240	0.0250
61	1250	1264000	0.00130	0	0.02	14.05	7.13	0.0022	0.0010	0.0021
62	2605	85000	0.00170	0	0.0115	11.35	7.87	-0.0100	-0.0100	-0.0070
63	8350	168500	0.00010	0	0.021	12.03	9.03	0.0122	0.0120	0.0122
64	1975	5328500	0.00350	0	0.0127	15.49	7.59	0.0038	0.0000	0.0014
65	155	327500	0.00020	0	0.0645	12.70	5.04	0.0243	0.0260	0.0284
66	17300	1634500	0.00280	0	0.0029	14.31	9.76	0.0082	0.0050	0.0046
67	520	878000	0.00110	0	0.0192	13.69	6.25	-0.0070	-0.0100	-0.0060
68	3800	1136000	0.00020	0	0.0026	13.94	8.24	-0.0060	-0.0100	-0.0080
69	4025	67500	0.00240	0	0.0311	11.12	8.30	0.0129	0.0150	0.0149
70	1725	5857500	0.00210	0	0.058	15.58	7.45	0.0482	0.0440	
71	120	50500	0.00020	0	0.0417	10.83	4.79	-0.0070	0.0000	-0.0010
72	5400	429000	0.00000	0	0.0093	12.97	8.59	0.0001	0.0000	-0.0010
73	2050	2409500	0.00030	0	0.0122	14.69	7.63	0.0009	0.0000	-0.0010
74	2005	3642000	0.00020	0	0.0025	15.11	7.60	-0.0080	-0.0100	-0.0100
75	1880	113500	0.00030	0	0.016	11.64	7.54	-0.0070	-0.0100	-0.0040
76	2500	52500	0.00010	0	0.01	10.87	7.82	-0.0130	-0.0100	-0.0100
77	350	671000	0.00210	0	0.0143	13.42	5.86	-0.0160	-0.0200	-0.0140
78	790	90000	0.00010	0	0.019	11.41	6.67	-0.0120	-0.0100	-0.0080
79	9225	426000	0.00190	0	0.0054	12.96	9.13	0.0007	0.0000	-0.0010
80	1600	12500	0.00020	0	0.0313	9.43	7.38	-0.0010	0.0040	0.0046
81	180	337000	0.00190	0	0.0278	12.73	5.19	-0.0110	-0.0100	-0.0070
82	180	8697000	0.00080	0	0.0278	15.98	5.19	0.0003	0.0000	0.0003
83	1725	220000	0.00020	0	0.0145	12.30	7.45	-0.0070	-0.0100	-0.0050
84	1050	25000	0.00160	0	0.0476	10.13	6.96	0.0146	0.0190	0.0194
85	1025	134500	0.01520	0	0.0732	11.81	6.93	0.0457	0.0470	
86	1700	139000	0.00080	0	0.0147	11.84	7.44	-0.0080	-0.0100	-0.0060
87	1250	776000	0.00020	0	0.02	13.56	7.13	0.0005	0.0000	0.0010
88	2610	71000	0.00100	0	0.0019	11.17	7.87	-0.0200	-0.0200	-0.0170
89	8100	15500	0.00040	0	0.0185	9.65	9.00	0.0011	0.0040	0.0040
90	2400	7431000	0.04630	0	0.0104	15.82	7.78	0.0037	0.0000	0.0008
91	155	218000	0.00020	0	0.0323	12.29	5.04	-0.0090	-0.0100	-0.0050
92	17350	1646000	0.00030	0	0.0029	14.31	9.76	0.0082	0.0050	0.0046
93	525	1163000	0.00000	0	0.0095	13.97	6.26	-0.0160	-0.0200	-0.0150
94	3810	776000	0.00030	0	0.0026	13.56	8.25	-0.0070	-0.0100	-0.0080
95	4050	126500	0.00050	0	0.0432	11.75	8.31	0.0273	0.0280	0.0285
96	1700	3677000	0.00020	0	0.0294	15.12	7.44	0.0179	0.0150	0.0162
97	120	267500	0.00020	0	0.0417	12.50	4.79	-0.0010	0.0010	0.0033
98	5500	1392500	0.00060	0	0.0091	14.15	8.61	0.0041	0.0020	0.0021
99	2075	506500	0.00010	0	0.012	13.14	7.64	-0.0050	-0.0100	-0.0040
100	1605	2157000	0.03400	0	0.0031	14.58	7.38	-0.0110	-0.0100	-0.0120
101	1920	178500	0.00130	0	0.0208	12.09	7.56	0.0000	0.0010	0.0015
102	2475	37500	0.00010	0	0.0101	10.53	7.81	-0.0140	-0.0100	-0.0110
103	355	2541500	0.00030	0	0.0141	14.75	5.87	-0.0120	-0.0100	-0.0110
104	750	202500	0.00380	0	0.0133	12.22	6.62	-0.0150	-0.0100	-0.0130
105	9425	631000	0.00140	0	0.0027	13.36	9.15	0.0000	0.0000	-0.0020
106	1650	1335000	0.00220	0	0.0152	14.10	7.41	0.0000	0.0000	-0.0010
107	200	6407000	0.01590	0	0.025	15.67	5.30	-0.0030	-0.0100	-0.0030
108	170	3950500	0.00310	0	0.0294	15.19	5.14	-0.0010	0.0000	0.0000

	PRICE	VOL	RISK	D	SPREAD	LN.PRICE	LN.VOL	Res 1	Res 2	Res 3
109	1725	510000	0.00000	0	0.0145	13.14	7.45	-0.0040	0.0000	-0.0030
110	1050	25000	0.00020	0	0.0476	10.13	6.96	0.0146	0.0190	0.0194
111	1150	235000	0.01880	0	0.0435	12.37	7.05	0.0189	0.0200	0.0209
112	1650	293500	0.00090	0	0.0152	12.59	7.41	-0.0050	-0.0100	-0.0040
113	1225	1335500	0.00000	0	0.0204	14.10	7.11	0.0026	0.0010	0.0025
114	2950	3178000	0.00940	0	0.0068	14.97	7.99	-0.0010	0.0000	-0.0030
115	8100	181000	0.00010	0	0.0062	12.11	9.00	-0.0030	0.0000	-0.0030
116	2375	12182000	0.00010	0	0.0105	16.32	7.77	0.0060	0.0010	0.0024
117	170	2826500	0.00660	0	0.0588	14.85	5.14	0.0269	0.0260	0.0283
118	17300	2867000	0.00010	0	0.0029	14.87	9.76	0.0102	0.0060	0.0059
119	535	8911500	0.00000	0	0.0187	16.00	6.28	0.0005	0.0000	-0.0010
120	4025	2293000	0.00510	0	0.0037	14.65	8.30	-0.0020	-0.0100	-0.0040
121	4250	306000	0.00420	0	0.0176	12.63	8.35	0.0051	0.0050	0.0052
122	1600	910500	0.00350	0	0.0313	13.72	7.38	0.0144	0.0130	0.0144
123	115	802500	0.00070	0	0.0435	13.60	4.74	0.0039	0.0050	0.0073
124	5200	1292500	0.00240	0	0.0096	14.07	8.56	0.0039	0.0010	0.0021
125	2100	2630000	0.03620	0	0.0119	14.78	7.65	0.0006	0.0000	-0.0010
126	1480	1646000	0.00390	0	0.0034	14.31	7.30	-0.0120	-0.0100	-0.0130
127	1970	434000	0.00170	0	0.0076	12.98	7.59	-0.0100	-0.0100	-0.0090
128	2450	42500	0.00010	0	0.0204	10.66	7.80	-0.0040	0.0000	0.0000
129	395	9383000	0.00660	0	0.0633	16.05	5.98	0.0427	0.0390	0.0416
130	750	202500	0.00010	0	0.0133	12.22	6.62	-0.0150	-0.0100	-0.0130
131	975	17170000	0.00060	1	0.0256	16.66	6.88	0.0108	0.0100	0.0106
132	1150	26839500	0.00020	1	0.0217	17.11	7.05	0.0099	0.0080	0.0090
133	975	14885500	0.00000	1	0.0256	16.52	6.88	0.0103	0.0090	0.0103
134	850	113500	0.00000	1	0.0588	11.64	6.75	0.0253	0.0310	0.0313
135	425	3295500	0.00130	1	0.0118	15.01	6.05	-0.0160	-0.0100	-0.0130
136	240	3282000	0.00170	1	0.0208	15.00	5.48	-0.0120	-0.0100	-0.0080
137	495	6249000	0.00080	1	0.0101	15.65	6.20	-0.0140	-0.0100	-0.0120
138	840	20140500	0.00000	1	0.006	16.82	6.73	-0.0100	-0.0100	-0.0100
139	605	5746000	0.00000	1	0.0083	15.56	6.41	-0.0140	-0.0100	-0.0130
140	105	2853500	0.00010	1	0.0952	14.86	4.65	0.0552	0.0580	
141	190	995000	0.00120	1	0.0263	13.81	5.25	-0.0120	-0.0100	-0.0070
142	95	217500	0.13210	1	0.0526	12.29	4.55	0.0012	0.0080	0.0093
143	235	50000	0.00190	1	0.0426	10.82	5.46	-0.0050	0.0030	0.0039
144	90	442000	0.00010	1	0.0556	13.00	4.50	0.0078	0.0140	0.0150
145	235	3478500	0.00110	1	0.0213	15.06	5.46	-0.0110	-0.0100	-0.0080
146	165	6491500	0.00000	1	0.0303	15.69	5.11	-0.0030	0.0000	0.0003
147	2650	655500	0.00270	1	0.0094	13.39	7.88	-0.0080	-0.0100	-0.0060
148	900	1690000	0.00030	1	0.0278	14.34	6.80	0.0042	0.0060	0.0069
149	315	855500	0.00000	1	0.0159	13.66	5.75	-0.0190	-0.0200	-0.0140
150	130	10001000	0.00780	1	0.0385	16.12	4.87	0.0047	0.0060	0.0076
151	390	10773500	0.00200	1	0.0256	16.19	5.97	0.0014	0.0020	0.0029
152	480	2342500	0.00000	1	0.0208	14.67	6.17	-0.0070	0.0000	-0.0040
153	3300	17109500	0.40950	1	0.0076	16.66	8.10	-0.0020	0.0000	-0.0030
154	500	2351000	0.00340	1	0.05	14.67	6.21	0.0225	0.0250	0.0255
155	120	4526500	0.00400	1	0.0417	15.33	4.79	0.0045	0.0070	0.0085
156	210	1879500	0.00200	1	0.0238	14.45	5.35	-0.0120	-0.0100	-0.0070
157	1000	11649000	0.00070	1	0.025	16.27	6.91	0.0091	0.0090	0.0093
158	1150	7369000	0.00020	1	0.0217	15.81	7.05	0.0054	0.0050	0.0060
159	950	19021000	0.00000	1	0.0263	16.76	6.86	0.0117	0.0110	0.0114
160	825	216000	0.00090	1	0.0606	12.28	6.72	0.0291	0.0340	0.0343
161	470	4309000	0.01390	1	0.0106	15.28	6.15	-0.0150	-0.0100	-0.0130
162	250	32016000	0.01080	1	0.02	17.28	5.52	-0.0040	-0.0100	-0.0040

	PRICE	VOL	RISK	D	SPREAD	LN.PRICE	LN.VOL	Res 1	Res 2	Res 3
163	495	4610000	0.00040	1	0.0101	15.34	6.20	-0.0150	-0.0100	-0.0130
164	790	40054000	0.00170	1	0.0064	17.51	6.67	-0.0070	-0.0100	-0.0080
165	635	5882500	0.00110	1	0.0079	15.59	6.45	-0.0140	-0.0100	-0.0130
166	100	5462000	0.00100	1	0.05	15.51	4.61	0.0120	0.0140	0.0159
167	195	402500	0.00170	1	0.0256	12.91	5.27	-0.0160	-0.0100	-0.0100
168	95	179000	0.00600	1	0.0526	12.10	4.55	0.0020	0.0090	0.0102
169	235	280000	0.00030	1	0.0213	12.54	5.46	-0.0200	-0.0100	-0.0130
170	85	772500	0.00200	1	0.0588	13.56	4.44	0.0125	0.0170	0.0190
171	240	1516000	0.00020	1	0.0208	14.23	5.48	-0.0140	-0.0100	-0.0100
172	175	34231500	0.00290	1	0.0286	17.35	5.16	0.0016	0.0010	0.0027
173	2650	217000	0.00000	1	0.0094	12.29	7.88	-0.0120	-0.0100	-0.0080
174	950	7255000	0.00190	1	0.0263	15.80	6.86	0.0083	0.0080	0.0092
175	330	2106500	0.00080	1	0.0152	14.56	5.80	-0.0160	-0.0100	-0.0120
176	145	15643000	0.00950	1	0.0345	16.57	4.98	0.0032	0.0040	0.0054
177	380	6281500	0.00250	1	0.0132	15.65	5.94	-0.0130	-0.0100	-0.0110
178	390	1136000	0.00070	1	0.0128	13.94	5.97	-0.0190	-0.0200	-0.0150
179	3325	5370000	0.03130	1	0.0075	15.50	8.11	-0.0010	0.0000	-0.0020
180	550	2987500	0.00790	1	0.0455	14.90	6.31	0.0196	0.0210	0.0222
181	120	265000	0.00010	1	0.0417	12.49	4.79	-0.0050	0.0010	0.0020
182	215	2427500	0.00030	1	0.0233	14.70	5.37	-0.0110	-0.0100	-0.0070
183	1000	2905000	0.00000	1	0.025	14.88	6.91	0.0042	0.0060	0.0061
184	1075	2929500	0.00010	1	0.0233	14.89	6.98	0.0032	0.0040	0.0049
185	925	8729500	0.00000	1	0.027	15.98	6.83	0.0094	0.0090	0.0101
186	825	677500	0.00000	1	0.0303	13.43	6.72	0.0028	0.0060	0.0067
187	410	24314000	0.01340	1	0.0122	17.01	6.02	-0.0090	-0.0100	-0.0080
188	220	59446000	0.00330	1	0.0227	17.90	5.39	0.0000	0.0000	0.0000
189	490	2095500	0.00010	1	0.0102	14.56	6.19	-0.0180	-0.0200	-0.0150
190	775	71358500	0.00000	1	0.0131	18.08	6.65	0.0013	0.0000	0.0000
191	645	15912000	0.00000	1	0.0078	16.58	6.47	-0.0110	-0.0100	-0.0100
192	95	3740500	0.00200	1	0.0526	15.13	4.55	0.0127	0.0150	0.0172
193	190	360000	0.00010	1	0.0263	12.79	5.25	-0.0160	-0.0100	-0.0090
194	95	306500	0.00600	1	0.0256	12.63	4.55	-0.0230	-0.0200	-0.0160
195	235	330000	0.00030	1	0.0638	12.71	5.46	0.0232	0.0290	0.0294
196	85	149000	0.00010	1	0.1176	11.91	4.44	0.0655		
197	240	1397500	0.00020	1	0.0417	14.15	5.48	0.0063	0.0100	0.0108
198	170	14130500	0.00120	1	0.0294	16.46	5.14	-0.0010	0.0000	0.0013
199	2700	21500	0.00040	1	0.0093	9.98	7.90	-0.0200	-0.0100	-0.0140
200	900	6580000	0.00420	1	0.0217	15.70	6.80	0.0028	0.0030	0.0039
201	355	5955000	0.00320	1	0.0141	15.60	5.87	-0.0130	-0.0100	-0.0110
202	150	14887500	0.00040	1	0.0333	16.52	5.01	0.0022	0.0030	0.0045
203	390	4873500	0.00000	1	0.0128	15.40	5.97	-0.0140	-0.0100	-0.0120
204	465	2160000	0.00040	1	0.0108	14.59	6.14	-0.0180	-0.0200	-0.0140
205	3175	11070500	0.01540	1	0.0079	16.22	8.06	0.0014	0.0000	0.0003
206	525	1041500	0.00320	1	0.0476	13.86	6.26	0.0177	0.0210	0.0216
207	120	804000	0.00010	1	0.0417	13.60	4.79	-0.0010	0.0030	0.0045
208	210	362500	0.00080	1	0.0476	12.80	5.35	0.0063	0.0120	0.0126
209	1000	1534000	0.00000	1	0.025	14.24	6.91	0.0020	0.0040	0.0046
210	1025	9436500	0.00110	1	0.0244	16.06	6.93	0.0079	0.0080	0.0084
211	950	7757500	0.00230	1	0.0263	15.86	6.86	0.0085	0.0090	0.0093
212	825	2926500	0.00000	1	0.0303	14.89	6.72	0.0080	0.0090	0.0101
213	395	5418500	0.00060	1	0.0127	15.51	5.98	-0.0140	-0.0100	-0.0110
214	210	57939500	0.00030	1	0.0238	17.87	5.35	0.0003	0.0000	0.0005
215	470	900000	0.00050	1	0.0106	13.71	6.15	-0.0210	-0.0200	-0.0160
216	790	49498000	0.00140	1	0.0064	17.72	6.67	-0.0060	-0.0100	-0.0080

	PRICE	VOL	RISK	D	SPREAD	LN.PRICE	LN.VOL	Res 1	Res 2	Res 3
217	635	1806500	0.00100	1	0.0157	14.41	6.45	-0.0110	-0.0100	-0.0080
218	95	1601000	0.00010	1	0.0256	14.29	4.55	-0.0170	-0.0100	-0.0120
219	185	119500	0.00010	1	0.027	11.69	5.22	-0.0190	-0.0100	-0.0110
220	95	153500	0.00600	1	0.0256	11.94	4.55	-0.0260	-0.0200	-0.0170
221	235	1000000	0.00030	1	0.0638	13.82	5.46	0.0270	0.0310	0.0320
222	85	186000	0.00010	1	0.0588	12.13	4.44	0.0075	0.0140	0.0157
223	235	635500	0.00110	1	0.0213	13.36	5.46	-0.0170	-0.0100	-0.0120
224	170	6502500	0.00000	1	0.0294	15.69	5.14	-0.0040	0.0000	0.0000
225	2725	186500	0.00010	1	0.0092	12.14	7.91	-0.0130	-0.0100	-0.0090
226	925	3005000	0.00030	1	0.027	14.92	6.83	0.0057	0.0070	0.0076
227	345	3168500	0.00230	1	0.0145	14.97	5.84	-0.0150	-0.0100	-0.0120
228	150	10765500	0.00030	1	0.0333	16.19	5.01	0.0010	0.0020	0.0037
229	405	5500000	0.00020	1	0.0123	15.52	6.00	-0.0140	-0.0100	-0.0120
230	480	1945000	0.00190	1	0.0104	14.48	6.17	-0.0180	-0.0200	-0.0150
231	3150	2822500	0.02610	1	0.0079	14.85	8.06	-0.0040	0.0000	-0.0030
232	550	1465000	0.00140	1	0.0455	14.20	6.31	0.0173	0.0200	0.0207
233	120	305000	0.00010	1	0.0417	12.63	4.79	-0.0050	0.0010	0.0023
234	210	45000	0.00000	1	0.0238	10.71	5.35	-0.0250	-0.0200	-0.0160
235	1000	753000	0.00000	1	0.025	13.53	6.91	-0.0010	0.0030	0.0030
236	1025	4016000	0.00020	1	0.0244	15.21	6.93	0.0049	0.0060	0.0064
237	900	2763000	0.00100	1	0.0278	14.83	6.80	0.0059	0.0070	0.0080
238	850	1361500	0.00090	1	0.0294	14.12	6.75	0.0046	0.0070	0.0076
239	385	132500	0.00000	1	0.026	11.79	5.95	-0.0140	-0.0100	-0.0070
240	175	41214000	0.01090	1	0.0286	17.53	5.16	0.0022	0.0010	0.0031
241	445	788500	0.00120	1	0.0112	13.58	6.10	-0.0210	-0.0200	-0.0170
242	775	16229500	0.00000	1	0.0065	16.60	6.65	-0.0100	-0.0100	-0.0100
243	650	4494500	0.00010	1	0.0077	15.32	6.48	-0.0150	-0.0100	-0.0130
244	100	1130000	0.00400	1	0.1	13.94	4.61	0.0564	0.0610	
245	185	596500	0.00020	1	0.027	13.30	5.22	-0.0140	-0.0100	-0.0080
246	100	943500	0.01700	1	0.05	13.76	4.61	0.0056	0.0100	0.0117
247	230	37500	0.00000	1	0.2826	10.53	5.44	0.2342		
248	85	505000	0.00010	1	0.0588	13.13	4.44	0.0110	0.0170	0.0180
249	255	15632000	0.00520	1	0.0196	16.56	5.54	-0.0070	-0.0100	-0.0050
250	170	5649000	0.00000	1	0.0294	15.55	5.14	-0.0040	0.0000	-0.0010
251	2775	364000	0.00040	1	0.009	12.80	7.93	-0.0100	-0.0100	-0.0070
252	925	1715000	0.00010	1	0.027	14.35	6.83	0.0037	0.0060	0.0063
253	340	860500	0.00120	1	0.0147	13.67	5.83	-0.0190	-0.0200	-0.0150
254	150	8214500	0.00030	1	0.0333	15.92	5.01	0.0001	0.0010	0.0031
255	410	6066500	0.00010	1	0.0122	15.62	6.02	-0.0140	-0.0100	-0.0110
256	475	1767500	0.00000	1	0.0211	14.39	6.16	-0.0080	-0.0100	-0.0040
257	3175	11139500	0.03140	1	0.0079	16.23	8.06	0.0012	0.0000	0.0001
258	550	1178500	0.00010	1	0.0455	13.98	6.31	0.0165	0.0200	0.0202
259	120	175000	0.00010	1	0.0417	12.07	4.79	-0.0070	0.0000	0.0010
260	205	185000	0.00090	1	0.0244	12.13	5.32	-0.0190	-0.0100	-0.0120

LAMPIRAN 4

UJI BEDA DUA RATA-RATA SAMPEL BERPASANGAN
(PAIRED SAMPLES TEST)

T-Test

Paired Samples Statistics

	Mean	N	Std. Deviation	Std. Error Mean
Pair 1 HRG_SBLM	2818,2565	26	3684,76359	722,64159
HRG_SDH	636,8462	26	755,58887	148,18317
Pair 2 PED_SBLM	1435303,9742	26	1900636,312	372745,44783
PED_SDH	7208811,5385	26	10201087,35	2000597,824
Pair 3 VOL_SBLM	,004730538	26	,0151255083	,0029663562
VOL_SDH	,00673408	26	,020631553	,004046180
Pair 4 SPR_SBLM	2,0635	26	1,22149	,23955
SPR_SDH	3,0869	26	2,21692	,43477

Paired Samples Correlations

	N	Correlation	Sig.
Pair 1 HRG_SBLM & HRG_SDH	26	,832	,000
Pair 2 PED_SBLM & PED_SDH	26	,142	,490
Pair 3 VOL_SBLM & VOL_SDH	26	,952	,000
Pair 4 SPR_SBLM & SPR_SDH	26	,541	,004

Paired Samples Test

	Paired Differences							t	df	Sig. (2-tailed)
	Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference		Upper	Lower			
				Upper	Lower					
Pair 1 HRC_SBLM - HRC_SDH	2181,4104	3084,48016	604,91633	935,5619	3427,2589	3,61	25	,001		
Pair 2 PED_SBLM - PED_SDH	-5773507,6	10108555,36	1982450,8081	-9856441,43	-1690573,70	-2,9	25	,007		
Pair 3 VOL_SBLM - VOL_SDH	-,00200354	,0077706758	,0015239549	-,005142182	,001135105	-1,3	25	,201		
Pair 4 SPR_SBLM - SPR_SDH	-1,0235	1,86394	,36555	-1,7763	-,2706	-2,8	25	,010		

LAMPIRAN 5
UJI REGRESI (UJIF)

Regression

Descriptive Statistics

	Mean	Std. Deviation	N
SPREAD	.023	.015	253
LN.PRICE	6.638	1.289	253
LN.VOL	13.780	2.019	253
RISK	.005	.028	253
D	.498	.501	253

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	D, RISK, LN.VOL, LN.PRICE ^a		Enter

a. All requested variables entered.

b. Dependent Variable: SPREAD

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	.645 ^a	.416	.407	1.14951E-02	2.114

a. Predictors: (Constant), D, RISK, LN.VOL, LN.PRICE

b. Dependent Variable: SPREAD

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	2.338E-02	4	5.844E-03	44.228	.000 ^a
	Residual	3.277E-02	248	1.321E-04		
	Total	5.615E-02	252			

a. Predictors: (Constant), D, RISK, LN.VOL, LN.PRICE

b. Dependent Variable: SPREAD

Coefficients^a

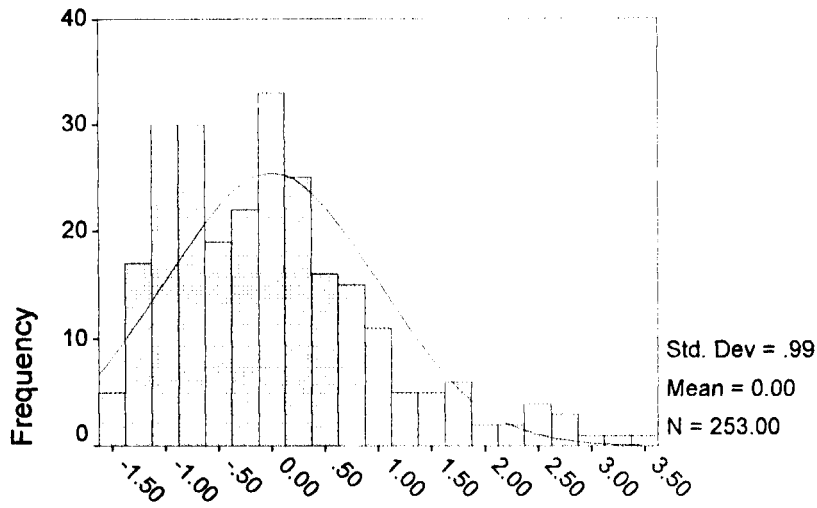
Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Correlations			Collinearity Statistics	
		B	Std. Error	Beta			Zero-order	Partial	Part	Tolerance	VIF
1	(Constant)	.10182	.007		14.333	.000					
	LN.PRICE	-.00723	.001	-.625	-11.177	.000	-.577	-.579	-.542	.754	1.327
	LN.VOL	-.00230	.000	-.312	-5.750	.000	-.153	-.343	-.279	.801	1.248
	RISK	.01052	.027	.019	.395	.693	-.044	.025	.019	.976	1.025
	D	.00130	.002	.044	.721	.471	.213	.046	.035	.643	1.555

a. Dependent Variable: SPREAD

Charts

Histogram

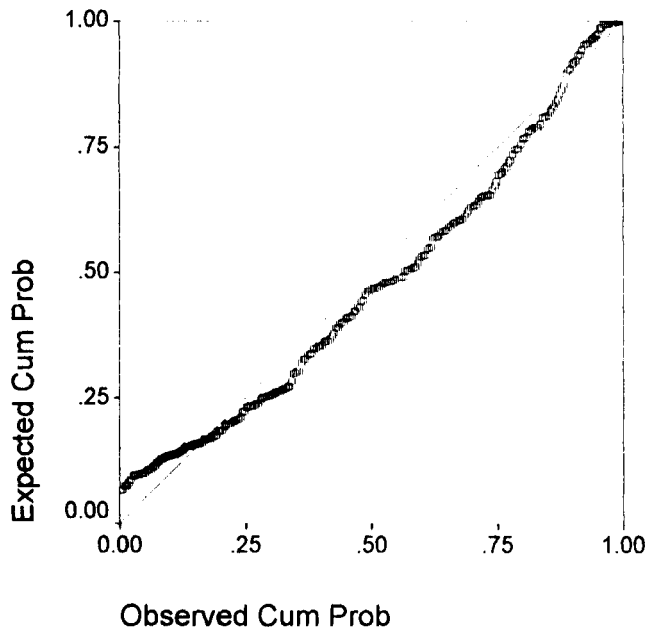
Dependent Variable: SPREAD



Regression Standardized Residual

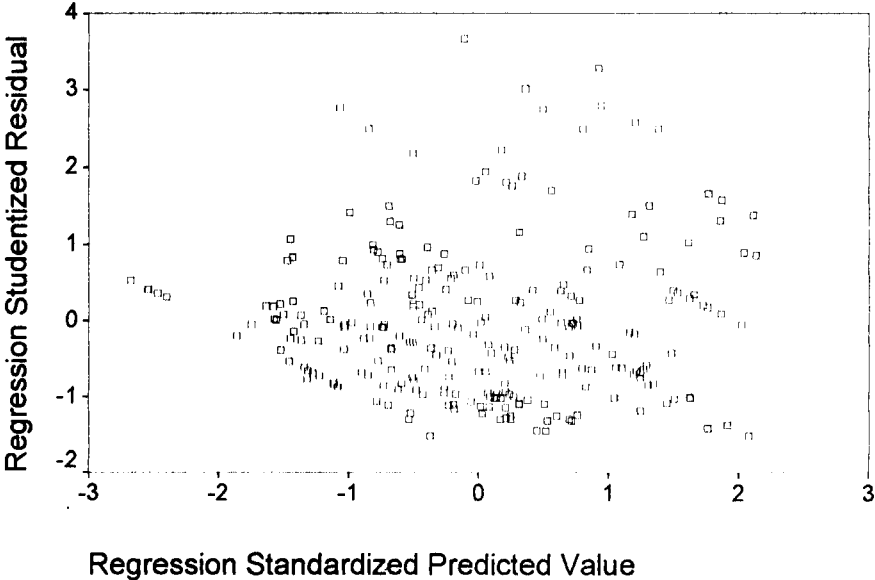
Normal P-P Plot of Regression Standardized Residual

Dependent Variable: SPREAD



Scatterplot

Dependent Variable: SPREAD



NPar Tests

One-Sample Kolmogorov-Smirnov Test

		Unstandardize d Residual
N		253
Normal Parameters ^{a,b}	Mean	-1.955593E-11
	Std. Deviation	1.140355E-02
Most Extreme Differences	Absolute	.081
	Positive	.081
	Negative	-.070
Kolmogorov-Smirnov Z		1.292
Asymp. Sig. (2-tailed)		.071

a. Test distribution is Normal.

b. Calculated from data.

