

### Lampiran 1

#### Perusahaan Manufaktur Yang Melakukan *Stock Split up* Tahun 2013-2014

No	Perusahaan	Tanggal	Ratio
1	ARNA	08-07-2013	1:4
2	BATA	04-09-2013	1:10
3	MLBI	25-07-2014	1:100
4	INAI	12-02-2014	1:2
5	ALMI	12-02-2014	1:2
6	TOTO	06-11-2014	1:2

## Lampiran 2

### Penghitungan Actual Return, Expected Return, Abnormal Return, Varian Dan Standar Deviasi

#### Perusahaan ARNA

waktu	harga saham	actual return	expected return	abnormal return	Varian	standar deviasi
T-30	3225	-0.01527	0.00060	-0.01587	0.00001	0.00295
T-29	3175	-0.01550	0.00060	-0.01611	0.00001	0.00299
T-28	3215	0.01260	0.00060	0.01200	0.00000	0.00223
T-27	3150	-0.02022	0.00060	-0.02082	0.00001	0.00387
T-26	3400	0.07937	0.00060	0.07876	0.00021	0.01463
T-25	3275	-0.03676	0.00060	-0.03737	0.00005	0.00694
T-24	3200	-0.02290	0.00060	-0.02350	0.00002	0.00436
T-23	3250	0.01563	0.00060	0.01502	0.00001	0.00279
T-22	3250	0.00000	0.00060	-0.00060	0.00000	0.00011
T-21	3250	0.00000	0.00060	-0.00060	0.00000	0.00011
T-20	3250	0.00000	0.00060	-0.00060	0.00000	0.00011
T-19	3275	0.00769	0.00060	0.00709	0.00000	0.00132
T-18	3250	-0.00763	0.00060	-0.00823	0.00000	0.00153
T-17	3175	-0.02308	0.00060	-0.02368	0.00002	0.00440
T-16	3200	0.00787	0.00060	0.00727	0.00000	0.00135
T-15	3100	-0.03125	0.00060	-0.03185	0.00003	0.00591
T-14	3100	0.00000	0.00060	-0.00060	0.00000	0.00011
T-13	3100	0.00000	0.00060	-0.00060	0.00000	0.00011
T-12	2925	-0.05645	0.00060	-0.05705	0.00011	0.01059
T-11	3000	0.02564	0.00060	0.02504	0.00002	0.00465

T-10	2950	-0.01667	0.00060	-0.01727	0.00001	0.00321
T-9	3000	0.01695	0.00060	0.01635	0.00001	0.00304
T-8	3100	0.03333	0.00060	0.03273	0.00004	0.00608
T-7	3200	0.03226	0.00060	0.03166	0.00003	0.00588
T-6	3200	0.00000	0.00060	-0.00060	0.00000	0.00011
T-5	3250	0.01563	0.00060	0.01502	0.00001	0.00279
T-4	3375	0.03846	0.00060	0.03786	0.00005	0.00703
T-3	3250	-0.03704	0.00060	-0.03764	0.00005	0.00699
T-2	3250	0.00000	0.00060	-0.00060	0.00000	0.00011
T-1	3300	0.01538	0.00060	0.01478	0.00001	0.00275
T0	820	-0.75152	0.00060	-0.75212	0.01951	0.13966
T+1	820	0.00000	0.00614	-0.00614	0.00000	0.00114
T+2	800	-0.02439	0.00614	-0.03054	0.00003	0.00567
T+3	780	-0.02500	0.00614	-0.03114	0.00003	0.00578
T+4	790	0.01282	0.00614	0.00668	0.00000	0.00124
T+5	730	-0.07595	0.00614	-0.08209	0.00023	0.01524
T+6	780	0.06849	0.00614	0.06235	0.00013	0.01158
T+7	760	-0.02564	0.00614	-0.03179	0.00003	0.00590
T+8	770	0.01316	0.00614	0.00701	0.00000	0.00130
T+9	760	-0.01299	0.00614	-0.01913	0.00001	0.00355
T+10	760	0.00000	0.00614	-0.00614	0.00000	0.00114
T+11	790	0.03947	0.00614	0.03333	0.00004	0.00619
T+12	820	0.03797	0.00614	0.03183	0.00003	0.00591
T+13	810	-0.01220	0.00614	-0.01834	0.00001	0.00341
T+14	850	0.04938	0.00614	0.04324	0.00006	0.00803
T+15	850	0.00000	0.00614	-0.00614	0.00000	0.00114
T+16	860	0.01176	0.00614	0.00562	0.00000	0.00104

T+17	830	-0.03488	0.00614	-0.04103	0.00006	0.00762
T+18	840	0.01205	0.00614	0.00590	0.00000	0.00110
T+19	870	0.03571	0.00614	0.02957	0.00003	0.00549
T+20	870	0.00000	0.00614	-0.00614	0.00000	0.00114
T+21	870	0.00000	0.00614	-0.00614	0.00000	0.00114
T+22	870	0.00000	0.00614	-0.00614	0.00000	0.00114
T+23	870	0.00000	0.00614	-0.00614	0.00000	0.00114
T+24	870	0.00000	0.00614	-0.00614	0.00000	0.00114
T+25	940	0.08046	0.00614	0.07431	0.00019	0.01380
T+26	960	0.02128	0.00614	0.01513	0.00001	0.00281
T+27	960	0.00000	0.00614	-0.00614	0.00000	0.00114
T+28	980	0.02083	0.00614	0.01469	0.00001	0.00273
T+29	930	-0.05102	0.00614	-0.05717	0.00011	0.01062
T+30	970	0.04301	0.00614	0.03687	0.00005	0.00685

### Lampiran 3

#### Penghitungan Actual Return, Expected Return, Abnormal Return, Varian Dan Standar Deviasi

#### Perusahaan BATA

waktu	harga saham	actual return	expected return	abnormal return	Varian	standar deviasi
T-30	85000	0.00000	0.00000	0.00000	0.00000	0.00000
T-29	85000	0.00000	0.00000	0.00000	0.00000	0.00000
T-28	85000	0.00000	0.00000	0.00000	0.00000	0.00000
T-27	85000	0.00000	0.00000	0.00000	0.00000	0.00000
T-26	85000	0.00000	0.00000	0.00000	0.00000	0.00000
T-25	85000	0.00000	0.00000	0.00000	0.00000	0.00000
T-24	85000	0.00000	0.00000	0.00000	0.00000	0.00000
T-23	85000	0.00000	0.00000	0.00000	0.00000	0.00000
T-22	85000	0.00000	0.00000	0.00000	0.00000	0.00000
T-21	85000	0.00000	0.00000	0.00000	0.00000	0.00000
T-20	85000	0.00000	0.00000	0.00000	0.00000	0.00000
T-19	85000	0.00000	0.00000	0.00000	0.00000	0.00000
T-18	85000	0.00000	0.00000	0.00000	0.00000	0.00000
T-17	85000	0.00000	0.00000	0.00000	0.00000	0.00000
T-16	85000	0.00000	0.00000	0.00000	0.00000	0.00000
T-15	85000	0.00000	0.00000	0.00000	0.00000	0.00000
T-14	85000	0.00000	0.00000	0.00000	0.00000	0.00000
T-13	85000	0.00000	0.00000	0.00000	0.00000	0.00000
T-12	85000	0.00000	0.00000	0.00000	0.00000	0.00000
T-11	85000	0.00000	0.00000	0.00000	0.00000	0.00000

T-10	85000	0.00000	0.00000	0.00000	0.00000	0.00000
T-9	85000	0.00000	0.00000	0.00000	0.00000	0.00000
T-8	85000	0.00000	0.00000	0.00000	0.00000	0.00000
T-7	85000	0.00000	0.00000	0.00000	0.00000	0.00000
T-6	85000	0.00000	0.00000	0.00000	0.00000	0.00000
T-5	85000	0.00000	0.00000	0.00000	0.00000	0.00000
T-4	85000	0.00000	0.00000	0.00000	0.00000	0.00000
T-3	85000	0.00000	0.00000	0.00000	0.00000	0.00000
T-2	85000	0.00000	0.00000	0.00000	0.00000	0.00000
T-1	85000	0.00000	0.00000	0.00000	0.00000	0.00000
	1060	0.00000	0.00000	0.00000	0.00000	0.00000
T+1	1320	0.24528	0.00393	0.24135	0.00201	0.04482
T+2	1650	0.25000	0.00393	0.24607	0.00209	0.04569
T+3	1350	-0.18182	0.00393	-0.18575	0.00119	0.03449
T+4	1200	-0.11111	0.00393	-0.11504	0.00046	0.02136
T+5	1220	0.01667	0.00393	0.01274	0.00001	0.00237
T+6	1180	-0.03279	0.00393	-0.03672	0.00005	0.00682
T+7	1170	-0.00847	0.00393	-0.01240	0.00001	0.00230
T+8	1170	0.00000	0.00393	-0.00393	0.00000	0.00073
T+9	1150	-0.01709	0.00393	-0.02102	0.00002	0.00390
T+10	1160	0.00870	0.00393	0.00477	0.00000	0.00089
T+11	1150	-0.00862	0.00393	-0.01255	0.00001	0.00233
T+12	1150	0.00000	0.00393	-0.00393	0.00000	0.00073
T+13	1150	0.00000	0.00393	-0.00393	0.00000	0.00073
T+14	1120	-0.02609	0.00393	-0.03002	0.00003	0.00557
T+15	1120	0.00000	0.00393	-0.00393	0.00000	0.00073
T+16	1120	0.00000	0.00393	-0.00393	0.00000	0.00073

T+17	1100	-0.01786	0.00393	-0.02179	0.00002	0.00405
T+18	1090	-0.00909	0.00393	-0.01302	0.00001	0.00242
T+19	1100	0.00917	0.00393	0.00525	0.00000	0.00097
T+20	1100	0.00000	0.00393	-0.00393	0.00000	0.00073
T+21	1120	0.01818	0.00393	0.01425	0.00001	0.00265
T+22	1090	-0.02679	0.00393	-0.03071	0.00003	0.00570
T+23	1080	-0.00917	0.00393	-0.01310	0.00001	0.00243
T+24	1100	0.01852	0.00393	0.01459	0.00001	0.00271
T+25	1110	0.00909	0.00393	0.00516	0.00000	0.00096
T+26	1090	-0.01802	0.00393	-0.02195	0.00002	0.00408
T+27	1100	0.00917	0.00393	0.00525	0.00000	0.00097
T+28	1100	0.00000	0.00393	-0.00393	0.00000	0.00073
T+29	1100	0.00000	0.00393	-0.00393	0.00000	0.00073
T+30	1100	0.00000	0.00393	-0.00393	0.00000	0.00073

#### Lampiran 4

### Penghitungan Actual Return, Expected Return, Abnormal Return, Varian Dan Standar Deviasi

#### Perusahaan MLBI

waktu	harga saham	actual return	expected return	abnormal return	Varian	standar deviasi
T-30	1385000	0.00000	-0.03501	0.03501	0.00004	0.00650
T-29	1385000	0.00000	-0.03501	0.03501	0.00004	0.00650
T-28	1385000	0.00000	-0.03501	0.03501	0.00004	0.00650
T-27	1385000	0.00000	-0.03501	0.03501	0.00004	0.00650
T-26	1385000	0.00000	-0.03501	0.03501	0.00004	0.00650
T-25	1385000	0.00000	-0.03501	0.03501	0.00004	0.00650
T-24	1385000	0.00000	-0.03501	0.03501	0.00004	0.00650
T-23	1384000	-0.00072	-0.03501	0.03429	0.00004	0.00637
T-22	1385000	0.00072	-0.03501	0.03573	0.00004	0.00663
T-21	1385000	0.00000	-0.03501	0.03501	0.00004	0.00650
T-20	1385000	0.00000	-0.03501	0.03501	0.00004	0.00650
T-19	1385000	0.00000	-0.03501	0.03501	0.00004	0.00650
T-18	1385000	0.00000	-0.03501	0.03501	0.00004	0.00650
T-17	1385000	0.00000	-0.03501	0.03501	0.00004	0.00650
T-16	1300000	-0.06137	-0.03501	-0.02636	0.00002	0.00490
T-15	1300000	0.00000	-0.03501	0.03501	0.00004	0.00650
T-14	1300000	0.00000	-0.03501	0.03501	0.00004	0.00650
T-13	1300000	0.00000	-0.03501	0.03501	0.00004	0.00650
T-12	1300000	0.00000	-0.03501	0.03501	0.00004	0.00650
T-11	1300000	0.00000	-0.03501	0.03501	0.00004	0.00650



T-10	1300000	0.00000	-0.03501	0.03501	0.00004	0.00650
T-9	1300000	0.00000	-0.03501	0.03501	0.00004	0.00650
T-8	1300000	0.00000	-0.03501	0.03501	0.00004	0.00650
T-7	1300000	0.00000	-0.03501	0.03501	0.00004	0.00650
T-6	1250000	-0.03846	-0.03501	-0.00345	0.00000	0.00064
T-5	1250000	0.00000	-0.03501	0.03501	0.00004	0.00650
T-4	1250000	0.00000	-0.03501	0.03501	0.00004	0.00650
T-3	1250000	0.00000	-0.03501	0.03501	0.00004	0.00650
T-2	1300000	0.04000	-0.03501	0.07501	0.00019	0.01393
T-1	12500	-0.99038	-0.03501	-0.95538	0.03147	0.17741
T-0	11975	-0.04200	-0.03501	-0.00699	0.00000	0.00130
T+1	11800	-0.01461	-0.00041	-0.01420	0.00001	0.00264
T+2	11250	-0.04661	-0.00041	-0.04620	0.00007	0.00858
T+3	11700	0.04000	-0.00041	0.04041	0.00006	0.00750
T+4	11750	0.00427	-0.00041	0.00468	0.00000	0.00087
T+5	11700	-0.00426	-0.00041	-0.00385	0.00000	0.00071
T+6	11900	0.01709	-0.00041	0.01750	0.00001	0.00325
T+7	11800	-0.00840	-0.00041	-0.00799	0.00000	0.00148
T+8	11850	0.00424	-0.00041	0.00465	0.00000	0.00086
T+9	11800	-0.00422	-0.00041	-0.00381	0.00000	0.00071
T+10	11825	0.00212	-0.00041	0.00253	0.00000	0.00047
T+11	11825	0.00000	-0.00041	0.00041	0.00000	0.00008
T+12	11850	0.00211	-0.00041	0.00252	0.00000	0.00047
T+13	11800	-0.00422	-0.00041	-0.00381	0.00000	0.00071
T+14	11800	0.00000	-0.00041	0.00041	0.00000	0.00008
T+15	11750	-0.00424	-0.00041	-0.00383	0.00000	0.00071
T+16	11800	0.00426	-0.00041	0.00467	0.00000	0.00087

T+17	11700	-0.00847	-0.00041	-0.00806	0.00000	0.00150
T+18	11800	0.00855	-0.00041	0.00896	0.00000	0.00166
T+19	11700	-0.00847	-0.00041	-0.00806	0.00000	0.00150
T+20	11700	0.00000	-0.00041	0.00041	0.00000	0.00008
T+21	11800	0.00855	-0.00041	0.00896	0.00000	0.00166
T+22	11775	-0.00212	-0.00041	-0.00171	0.00000	0.00032
T+23	11775	0.00000	-0.00041	0.00041	0.00000	0.00008
T+24	11775	0.00000	-0.00041	0.00041	0.00000	0.00008
T+25	11800	0.00212	-0.00041	0.00253	0.00000	0.00047
T+26	11850	0.00424	-0.00041	0.00465	0.00000	0.00086
T+27	11850	0.00000	-0.00041	0.00041	0.00000	0.00008
T+28	11800	-0.00422	-0.00041	-0.00381	0.00000	0.00071
T+29	11800	0.00000	-0.00041	0.00041	0.00000	0.00008
T+30	11800	0.00000	-0.00041	0.00041	0.00000	0.00008

## Lampiran 5

### Penghitungan Actual Return, Expected Return, Abnormal Return, Varian Dan Standar Deviasi

#### Perusahaan INAI

waktu	harga saham	actual return	expected return	abnormal return	Varian	standar deviasi
T-30	600	0.00000	-0.00187	0.00187	0.00000	0.00035
T-29	600	0.00000	-0.00187	0.00187	0.00000	0.00035
T-28	600	0.00000	-0.00187	0.00187	0.00000	0.00035
T-27	600	0.00000	-0.00187	0.00187	0.00000	0.00035
T-26	600	0.00000	-0.00187	0.00187	0.00000	0.00035
T-25	600	0.00000	-0.00187	0.00187	0.00000	0.00035
T-24	600	0.00000	-0.00187	0.00187	0.00000	0.00035
T-23	600	0.00000	-0.00187	0.00187	0.00000	0.00035
T-22	580	-0.03333	-0.00187	-0.03146	0.00003	0.00584
T-21	580	0.00000	-0.00187	0.00187	0.00000	0.00035
T-20	580	0.00000	-0.00187	0.00187	0.00000	0.00035
T-19	580	0.00000	-0.00187	0.00187	0.00000	0.00035
T-18	580	0.00000	-0.00187	0.00187	0.00000	0.00035
T-17	580	0.00000	-0.00187	0.00187	0.00000	0.00035
T-16	550	-0.05172	-0.00187	-0.04986	0.00009	0.00926
T-15	570	0.03636	-0.00187	0.03823	0.00005	0.00710
T-14	580	0.01754	-0.00187	0.01941	0.00001	0.00360
T-13	580	0.00000	-0.00187	0.00187	0.00000	0.00035
T-12	580	0.00000	-0.00187	0.00187	0.00000	0.00035
T-11	580	0.00000	-0.00187	0.00187	0.00000	0.00035

T-10	580	0.00000	-0.00187	0.00187	0.00000	0.00035
T-9	580	0.00000	-0.00187	0.00187	0.00000	0.00035
T-8	580	0.00000	-0.00187	0.00187	0.00000	0.00035
T-7	580	0.00000	-0.00187	0.00187	0.00000	0.00035
T-6	580	0.00000	-0.00187	0.00187	0.00000	0.00035
T-5	580	0.00000	-0.00187	0.00187	0.00000	0.00035
T-4	580	0.00000	-0.00187	0.00187	0.00000	0.00035
T-3	580	0.00000	-0.00187	0.00187	0.00000	0.00035
T-2	630	0.08621	-0.00187	0.08808	0.00027	0.01636
T-1	560	-0.11111	-0.00187	-0.10924	0.00041	0.02029
T-0	320	-0.42857	-0.00187	-0.42670	0.00628	0.07924
T+1	314	-0.01875	-0.00382	-0.01493	0.00001	0.00277
T+2	304	-0.03185	-0.00382	-0.02803	0.00003	0.00520
T+3	290	-0.04605	-0.00382	-0.04223	0.00006	0.00784
T+4	293	0.01034	-0.00382	0.01417	0.00001	0.00263
T+5	290	-0.01024	-0.00382	-0.00642	0.00000	0.00119
T+6	295	0.01724	-0.00382	0.02106	0.00002	0.00391
T+7	297	0.00678	-0.00382	0.01060	0.00000	0.00197
T+8	293	-0.01347	-0.00382	-0.00965	0.00000	0.00179
T+9	296	0.01024	-0.00382	0.01406	0.00001	0.00261
T+10	296	0.00000	-0.00382	0.00382	0.00000	0.00071
T+11	290	-0.02027	-0.00382	-0.01645	0.00001	0.00305
T+12	294	0.01379	-0.00382	0.01761	0.00001	0.00327
T+13	276	-0.06122	-0.00382	-0.05740	0.00011	0.01066
T+14	274	-0.00725	-0.00382	-0.00342	0.00000	0.00064
T+15	275	0.00365	-0.00382	0.00747	0.00000	0.00139
T+16	274	-0.00364	-0.00382	0.00019	0.00000	0.00003

T+17	265	-0.03285	-0.00382	-0.02903	0.00003	0.00539
T+18	276	0.04151	-0.00382	0.04533	0.00007	0.00842
T+19	273	-0.01087	-0.00382	-0.00705	0.00000	0.00131
T+20	278	0.01832	-0.00382	0.02214	0.00002	0.00411
T+21	282	0.01439	-0.00382	0.01821	0.00001	0.00338
T+22	297	0.05319	-0.00382	0.05701	0.00011	0.01059
T+23	292	-0.01684	-0.00382	-0.01301	0.00001	0.00242
T+24	294	0.00685	-0.00382	0.01067	0.00000	0.00198
T+25	278	-0.05442	-0.00382	-0.05060	0.00009	0.00940
T+26	271	-0.02518	-0.00382	-0.02136	0.00002	0.00397
T+27	270	-0.00369	-0.00382	0.00013	0.00000	0.00002
T+28	265	-0.01852	-0.00382	-0.01470	0.00001	0.00273
T+29	282	0.06415	-0.00382	0.06797	0.00016	0.01262
T+30	282	0.00000	-0.00382	0.00382	0.00000	0.00071

## Lampiran 6

### Penghitungan Actual Return, Expected Return, Abnormal Return, Varian Dan Standar Deviasi

#### Perusahaan ALMI

waktu	harga saham	actual return	expected return	abnormal return	Varian	standar deviasi
T-30	600	0.00000	-0.00192	0.00192	0.00000	0.00036
T-29	600	0.00000	-0.00192	0.00192	0.00000	0.00036
T-28	600	0.00000	-0.00192	0.00192	0.00000	0.00036
T-27	600	0.00000	-0.00192	0.00192	0.00000	0.00036
T-26	600	0.00000	-0.00192	0.00192	0.00000	0.00036
T-25	600	0.00000	-0.00192	0.00192	0.00000	0.00036
T-24	595	-0.00833	-0.00192	-0.00641	0.00000	0.00119
T-23	585	-0.01681	-0.00192	-0.01489	0.00001	0.00276
T-22	555	-0.05128	-0.00192	-0.04936	0.00008	0.00917
T-21	555	0.00000	-0.00192	0.00192	0.00000	0.00036
T-20	555	0.00000	-0.00192	0.00192	0.00000	0.00036
T-19	590	0.06306	-0.00192	0.06498	0.00015	0.01207
T-18	530	-0.10169	-0.00192	-0.09977	0.00034	0.01853
T-17	540	0.01887	-0.00192	0.02079	0.00001	0.00386
T-16	545	0.00926	-0.00192	0.01118	0.00000	0.00208
T-15	560	0.02752	-0.00192	0.02944	0.00003	0.00547
T-14	560	0.00000	-0.00192	0.00192	0.00000	0.00036
T-13	560	0.00000	-0.00192	0.00192	0.00000	0.00036
T-12	560	0.00000	-0.00192	0.00192	0.00000	0.00036
T-11	560	0.00000	-0.00192	0.00192	0.00000	0.00036

T-10	565	0.00893	-0.00192	0.01085	0.00000	0.00201
T-9	565	0.00000	-0.00192	0.00192	0.00000	0.00036
T-8	565	0.00000	-0.00192	0.00192	0.00000	0.00036
T-7	565	0.00000	-0.00192	0.00192	0.00000	0.00036
T-6	565	0.00000	-0.00192	0.00192	0.00000	0.00036
T-5	570	0.00885	-0.00192	0.01077	0.00000	0.00200
T-4	580	0.01754	-0.00192	0.01946	0.00001	0.00361
T-3	580	0.00000	-0.00192	0.00192	0.00000	0.00036
T-2	550	-0.05172	-0.00192	-0.04980	0.00009	0.00925
T-1	560	0.01818	-0.00192	0.02010	0.00001	0.00373
T-0	320	-0.42857	-0.00192	-0.42665	0.00628	0.07923
T+1	316	-0.01250	-0.00475	-0.00775	0.00000	0.00144
T+2	315	-0.00316	-0.00475	0.00158	0.00000	0.00029
T+3	317	0.00635	-0.00475	0.01109	0.00000	0.00206
T+4	300	-0.05363	-0.00475	-0.04888	0.00008	0.00908
T+5	300	0.00000	-0.00475	0.00475	0.00000	0.00088
T+6	300	0.00000	-0.00475	0.00475	0.00000	0.00088
T+7	300	0.00000	-0.00475	0.00475	0.00000	0.00088
T+8	300	0.00000	-0.00475	0.00475	0.00000	0.00088
T+9	300	0.00000	-0.00475	0.00475	0.00000	0.00088
T+10	300	0.00000	-0.00475	0.00475	0.00000	0.00088
T+11	301	0.00333	-0.00475	0.00808	0.00000	0.00150
T+12	301	0.00000	-0.00475	0.00475	0.00000	0.00088
T+13	301	0.00000	-0.00475	0.00475	0.00000	0.00088
T+14	301	0.00000	-0.00475	0.00475	0.00000	0.00088
T+15	301	0.00000	-0.00475	0.00475	0.00000	0.00088
T+16	302	0.00332	-0.00475	0.00807	0.00000	0.00150

T+17	301	-0.00331	-0.00475	0.00143	0.00000	0.00027
T+18	301	0.00000	-0.00475	0.00475	0.00000	0.00088
T+19	301	0.00000	-0.00475	0.00475	0.00000	0.00088
T+20	301	0.00000	-0.00475	0.00475	0.00000	0.00088
T+21	305	0.01329	-0.00475	0.01803	0.00001	0.00335
T+22	299	-0.01967	-0.00475	-0.01493	0.00001	0.00277
T+23	276	-0.07692	-0.00475	-0.07218	0.00018	0.01340
T+24	289	0.04710	-0.00475	0.05185	0.00009	0.00963
T+25	289	0.00000	-0.00475	0.00475	0.00000	0.00088
T+26	292	0.01038	-0.00475	0.01513	0.00001	0.00281
T+27	297	0.01712	-0.00475	0.02187	0.00002	0.00406
T+28	297	0.00000	-0.00475	0.00475	0.00000	0.00088
T+29	275	-0.07407	-0.00475	-0.06933	0.00017	0.01287
T+30	275	0.00000	-0.00475	0.00475	0.00000	0.00088



## Lampiran 7

### Penghitungan Actual Return, Expected Return, Abnormal Return, Varian Dan Standar Deviasi

#### Perusahaan TOTO

waktu	harga saham	actual return	expected return	abnormal return	Varian	standar deviasi
T-30	6860.5	-0.01787	-0.01398	-0.00389	0.00000	0.00072
T-29	6935.4	0.01092	-0.01398	0.02490	0.00002	0.00462
T-28	6860.4	-0.01081	-0.01398	0.00316	0.00000	0.00059
T-27	6860.4	0.00000	-0.01398	0.01398	0.00001	0.00260
T-26	6860.4	0.00000	-0.01398	0.01398	0.00001	0.00260
T-25	6860.4	0.00000	-0.01398	0.01398	0.00001	0.00260
T-24	6910.4	0.00729	-0.01398	0.02127	0.00002	0.00395
T-23	6810.6	-0.01444	-0.01398	-0.00046	0.00000	0.00009
T-22	6835.6	0.00367	-0.01398	0.01765	0.00001	0.00328
T-21	6860.5	0.00364	-0.01398	0.01762	0.00001	0.00327
T-20	6685.9	-0.02545	-0.01398	-0.01147	0.00000	0.00213
T-19	6660.9	-0.00374	-0.01398	0.01024	0.00000	0.00190
T-18	6611.1	-0.00748	-0.01398	0.00650	0.00000	0.00121
T-17	6586.1	-0.00378	-0.01398	0.01020	0.00000	0.00189
T-16	6586.1	0.00000	-0.01398	0.01398	0.00001	0.00260
T-15	6586.1	0.00000	-0.01398	0.01398	0.00001	0.00260
T-14	6536.2	-0.00758	-0.01398	0.00640	0.00000	0.00119
T-13	6685.9	0.02290	-0.01398	0.03688	0.00005	0.00685
T-12	6685.9	0.00000	-0.01398	0.01398	0.00001	0.00260
T-11	6561.2	-0.01865	-0.01398	-0.00467	0.00000	0.00087

T-10	6586.1	0.00380	-0.01398	0.01777	0.00001	0.00330
T-9	6486.3	-0.01515	-0.01398	-0.00117	0.00000	0.00022
T-8	6536.2	0.00769	-0.01398	0.02167	0.00002	0.00402
T-7	6885.5	0.05344	-0.01398	0.06742	0.00016	0.01252
T-6	6885.5	0.00000	-0.01398	0.01398	0.00001	0.00260
T-5	6860.5	-0.00363	-0.01398	0.01035	0.00000	0.00192
T-4	6860.5	0.00000	-0.01398	0.01398	0.00001	0.00260
T-3	6986.3	0.01834	-0.01398	0.03232	0.00004	0.00600
T-2	7085.1	0.01414	-0.01398	0.02812	0.00003	0.00522
T-1	3991.6	-0.43662	-0.01398	-0.42264	0.00616	0.07848
T-0	3991.6	0.00000	-0.01398	0.01398	0.00001	0.00260
T+1	3991.6	0.00000	-0.00315	0.00315	0.00000	0.00058
T+2	3991.6	0.00000	-0.00315	0.00315	0.00000	0.00058
T+3	3991.6	0.00000	-0.00315	0.00315	0.00000	0.00058
T+4	3991.6	0.00000	-0.00315	0.00315	0.00000	0.00058
T+5	3991.6	0.00000	-0.00315	0.00315	0.00000	0.00058
T+6	3991.6	0.00000	-0.00315	0.00315	0.00000	0.00058
T+7	3712.2	-0.07000	-0.00315	-0.06685	0.00015	0.01241
T+8	3522.6	-0.05107	-0.00315	-0.04793	0.00008	0.00890
T+9	3582.4	0.01698	-0.00315	0.02012	0.00001	0.00374
T+10	3582.4	0.00000	-0.00315	0.00315	0.00000	0.00058
T+11	3742.1	0.04458	-0.00315	0.04772	0.00008	0.00886
T+12	3742.1	0.00000	-0.00315	0.00315	0.00000	0.00058
T+13	3737.1	-0.00134	-0.00315	0.00181	0.00000	0.00034
T+14	3737.1	0.00000	-0.00315	0.00315	0.00000	0.00058
T+15	3737.1	0.00000	-0.00315	0.00315	0.00000	0.00058
T+16	3737.1	0.00000	-0.00315	0.00315	0.00000	0.00058

T+17	3617.4	-0.03203	-0.00315	-0.02889	0.00003	0.00536
T+18	3622.4	0.00138	-0.00315	0.00453	0.00000	0.00084
T+19	3667.3	0.01240	-0.00315	0.01554	0.00001	0.00289
T+20	3667.3	0.00000	-0.00315	0.00315	0.00000	0.00058
T+21	3667.3	0.00000	-0.00315	0.00315	0.00000	0.00058
T+22	3602.4	-0.01770	-0.00315	-0.01455	0.00001	0.00270
T+23	3602.4	0.00000	-0.00315	0.00315	0.00000	0.00058
T+24	3602.4	0.00000	-0.00315	0.00315	0.00000	0.00058
T+25	3692.2	0.02493	-0.00315	0.02807	0.00003	0.00521
T+26	3692.2	0.00000	-0.00315	0.00315	0.00000	0.00058
T+27	3682.2	-0.00271	-0.00315	0.00044	0.00000	0.00008
T+28	3552.5	-0.03522	-0.00315	-0.03208	0.00004	0.00596
T+29	3552.5	0.00000	-0.00315	0.00315	0.00000	0.00058
T+30	3607.4	0.01545	-0.00315	0.01860	0.00001	0.00345

## Lampiran 8

### Uji Normalitas

#### One-Sample Kolmogorov-Smirnov Test

		AR_SEBELU	AR_SESUDA	RS_SEBELU	RS_SESUDA
		M	H	M	H
N		83	83	83	83
Normal	Mean	-.0035031	.0013978	.0040500	.0021733
Parameters <sup>a</sup>	Std.				
	Deviation	.00085097	.00077226	.00207321	.00136593
Most Extreme	Absolute	.104	.136	.131	.125
Differences	Positive	.104	.136	.131	.125
	Negative	-.084	-.105	-.080	-.122
Kolmogorov-Smirnov Z		.947	1.239	1.198	1.137
Asymp. Sig. (2-tailed)		.331	.093	.114	.151

## Lampiran 9

### Hipotesis 1

#### Paired Samples Test

	Paired Differences					t	df	Sig. (2-tailed)
	Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
				Lower	Upper			
Pair AR_SEBELUM 1 AR_SESUDAH	-5.23437115E-3	.00028664	.00005977	-.00535832	-.00511042	-87.578	82	.000

## Lampiran 10

### Hipotesis 2

#### Paired Samples Test

	Paired Differences					t	df	Sig. (2- tailed)
	Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
				Lower	Upper			
Pair 1 RS_SEBELUM RS_SESUDAH	.00215994	.00036993	.00026158	-.00116371	.00548359	8.257	82	.009