

Data Perusahaan Yang Melakukan Stock Split

	2014		2015		2016
1	INAI	1	LTLS	1	TIRA
2	ALMI	2	SIPD	2	KONI
3	KOPI	3	BULL	3	ALKA
4	MITI	4	LEAD	4	RAJA
5	TOTO	5	GDYR	5	HSMP
6	CMPP	6	TRUS	6	PSAB
7	MLBI	7	BALI	7	IMPC
		8	ASJT	8	KREN
		9	CEKA	9	ERTX
		10	LMSH	10	TBMS
		11	LION	11	PADI
		12	MIKA	12	ASBI
		13	DSNG	13	ICBP
		14	DLTA	14	BTON
		15	DEFI	15	AIMS
		16	MERK	16	MYOR
				17	ASMI
				18	CNTX
				19	MYRX
				20	KICI
				21	BIMA
				22	ITMA
				23	IKBI
				24	TOTO
				25	SMSM

PERHITUNGAN *Actual Return*

Hari ke	INAI	ICBP	ALMI	DLTA	CEKA	LION	TBMS	MYOR	TOTO
t-10	0.0000	-0.0044	0.0000	0.0041	-0.0269	0.0000	0.0000	-0.0101	0.0000
t-9	0.0000	0.0118	0.0089	0.0000	0.0316	0.0000	0.0000	0.0102	-0.0040
t-8	0.0000	0.0190	0.0000	0.0322	0.0000	-0.0659	0.0000	-0.0013	-0.0041
t-7	0.0000	-0.0143	0.0000	-0.0134	0.0000	0.0000	0.0000	-0.0013	0.0041
t-6	0.0000	0.0102	0.0000	0.0000	0.0038	0.0000	0.2000	0.0050	-0.0041
t-5	0.0000	0.0101	0.0088	0.0000	0.0000	0.0000	0.0101	0.0276	0.0041
t-4	0.0000	0.0199	0.0175	0.0204	0.0000	0.0000	0.2000	0.0116	0.0122
t-3	0.0000	0.0056	0.0000	0.0000	0.0191	0.0000	0.2500	-0.0115	0.0683
t-2	0.0862	-0.0167	-0.0517	0.0388	0.0000	0.0000	0.2467	0.0091	0.0451
t-1	-0.1111	-0.0282	0.0182	0.0189	0.0112	0.1176	0.0160	-0.0091	0.0072
t=0	0.1429	0.0378	0.1429	0.0880	0.0148	0.2000	0.0684	-0.0152	-0.0143
t+1	-0.0188	-0.0140	-0.0125	0.1234	0.0073	0.1404	-0.0985	-0.0093	-0.0290
t+2	-0.0318	0.0000	-0.0032	-0.0606	0.0000	0.0346	-0.0273	-0.0031	-0.0299
t+3	-0.0461	0.0057	0.0063	-0.0323	0.0145	-0.0372	-0.0337	-0.0188	0.0154
t+4	0.0103	0.0085	-0.0536	-0.0583	-0.0071	-0.0734	0.0523	-0.0096	-0.0152
t+5	-0.0102	-0.0112	0.0000	-0.0221	0.0000	0.0000	-0.0442	0.0000	0.0077
t+6	0.0172	-0.0085	0.0000	0.0317	-0.0072	0.0708	0.0058	-0.0097	-0.0076
t+7	0.0068	0.0000	0.0000	-0.0263	-0.0580	-0.0856	0.0345	-0.0065	-0.0154
t+8	-0.0135	-0.0029	0.0000	-0.0811	0.0308	0.0979	-0.0222	0.0000	-0.0078
t+9	0.0102	-0.0143	0.0000	0.0049	0.0149	-0.0078	-0.0341	-0.0131	-0.0551
t+10	0.0000	0.0058	0.0000	0.0341	0.0000	0.0000	-0.0118	-0.0100	0.0250

PERHITUNGAN *Expected Return*

Hari ke	INAI	ICBP	ALMI	DLTA	CEKA	LION	TBMS	MYOR	TOTO
t-10	-0.0033	0.0033	0.0008	0.0104	0.0040	0.0059	0.0419	0.0031	0.0117
t-9	-0.0193	0.0103	0.0151	0.0085	0.0038	0.0065	0.0762	0.0038	0.0159
t-8	0.0016	0.0163	-0.0037	0.0110	0.0042	0.0089	0.1137	0.0034	0.0167
t-7	0.0110	-0.0073	-0.0121	0.0120	0.0040	0.0115	0.1563	0.0017	0.0075
t-6	0.0115	-0.0058	-0.0125	0.0121	0.0037	0.0025	0.1047	0.0053	0.0129
t-5	-0.0070	0.0048	0.0041	0.0100	0.0035	0.0046	0.0386	0.0032	0.0119
t-4	-0.0093	-0.0001	0.0061	0.0097	0.0037	-0.0024	0.1545	0.0027	0.0162
t-3	-0.0096	0.0112	0.0064	0.0097	0.0040	0.0044	0.0994	0.0033	0.0146
t-2	0.0064	0.0050	-0.0079	0.0115	0.0039	0.0027	0.1023	0.0037	0.0134
t-1	-0.0033	-0.0210	0.0008	0.0104	0.0045	0.0085	0.0352	0.0036	0.0127
t=0	0.0058	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
t+1	-0.0059	-0.0027	-0.0062	-0.0049	0.0019	0.0331	-0.0976	-0.0088	-0.0118
t+2	-0.0109	-0.0035	-0.0052	-0.0143	0.0210	0.0081	-0.0187	-0.0082	-0.0100
t+3	-0.0181	-0.0025	-0.0038	-0.0279	-0.0034	-0.0405	-0.0250	-0.0100	-0.0128
t+4	-0.0072	-0.0019	-0.0060	-0.0074	-0.0018	0.0259	-0.0005	-0.0108	-0.0106
t+5	-0.0155	-0.0021	-0.0043	-0.0230	0.0014	0.0318	-0.0020	-0.0055	-0.0128
t+6	-0.0083	-0.0034	-0.0057	-0.0094	-0.0215	0.0149	-0.0130	-0.0036	-0.0132
t+7	-0.0181	-0.0034	-0.0038	-0.0278	-0.0259	0.0258	-0.0079	-0.0102	-0.0209
t+8	-0.0018	-0.0031	-0.0070	0.0027	0.0301	0.0323	-0.0197	-0.0075	-0.0081
t+9	0.0036	-0.0040	-0.0081	0.0130	0.0063	-0.0049	-0.0133	-0.0085	-0.0092
t+10	0.0033	-0.0043	-0.0081	0.0124	-0.0109	0.0095	0.0139	-0.0086	-0.0021

PERHITUNGAN *Abnormal Return*

Hari ke	INAI	ICBP	ALMI	DLTA	CEKA	LION	TBMS	MYOR	TOTO
t-10	0.0033	-0.0077	-0.0008	-0.0063	-0.0310	-0.0059	-0.0419	-0.0131	-0.0117
t-9	0.0193	0.0015	-0.0062	-0.0085	0.0278	-0.0065	-0.0762	0.0064	-0.0199
t-8	-0.0016	0.0027	0.0037	0.0212	-0.0042	-0.0748	-0.1137	-0.0046	-0.0207
t-7	-0.0110	-0.0070	0.0121	-0.0255	-0.0040	-0.0115	-0.1563	-0.0030	-0.0034
t-6	-0.0115	0.0160	0.0125	-0.0121	0.0001	-0.0025	0.0953	-0.0002	-0.0169
t-5	0.0070	0.0053	0.0048	-0.0100	-0.0035	-0.0046	-0.0285	0.0244	-0.0078
t-4	0.0093	0.0201	0.0115	0.0107	-0.0037	0.0024	0.0455	0.0089	-0.0041
t-3	0.0096	-0.0056	-0.0064	-0.0097	0.0150	-0.0044	0.1506	-0.0148	0.0537
t-2	0.0799	-0.0217	-0.0438	0.0273	-0.0039	-0.0027	0.1443	0.0054	0.0317
t-1	-0.1078	-0.0072	0.0174	0.0085	0.0067	0.1091	-0.0192	-0.0126	-0.0055
t=0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
t+1	-0.0128	-0.0113	-0.0063	-0.0049	0.0054	0.1073	-0.0010	-0.0005	-0.0172
t+2	-0.0210	0.0035	0.0021	-0.0143	-0.0210	0.0265	-0.0086	0.0051	-0.0199
t+3	-0.0279	0.0082	0.0101	-0.0279	0.0178	0.0033	-0.0087	-0.0088	0.0281
t+4	0.0175	0.0104	-0.0477	-0.0074	-0.0054	-0.0993	0.0528	0.0012	-0.0046
t+5	0.0053	-0.0091	0.0043	-0.0230	-0.0014	-0.0318	-0.0422	0.0055	0.0205
t+6	0.0255	-0.0051	0.0057	-0.0094	0.0143	0.0559	0.0188	-0.0061	0.0056
t+7	0.0248	0.0034	0.0038	-0.0278	-0.0320	-0.1114	0.0424	0.0037	0.0055
t+8	-0.0116	0.0003	0.0070	0.0027	0.0006	0.0656	-0.0025	0.0075	0.0003
t+9	0.0066	-0.0104	0.0081	0.0130	0.0087	-0.0028	-0.0208	-0.0046	-0.0459
t+10	-0.0033	0.0101	0.0081	0.0124	0.0109	-0.0095	-0.0256	-0.0013	0.0271

SEBELUM

INAI

Coefficients^a

Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.
	B	Std. Error	Beta		
1 (Constant)	.002	.017		.098	.925
RM_1	-1.221	2.005	-.210	-.609	.559

a. Dependent Variable: INAI_1

LION

Coefficients^a

Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.
	B	Std. Error	Beta		
1 (Constant)	.005	.015		.325	.754
RM_1	-.163	.652	-.088	-.251	.808

a. Dependent Variable: LION_1

ALMI

Coefficients^a

Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.
	B	Std. Error	Beta		
1 (Constant)	-.004	.006		-.550	.597
RM_1	1.095	.768	.450	1.426	.192

a. Dependent Variable: ALMI_1

TBMS

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.075	.038		1.956	.086
	RM_1	4.054	3.423	.386	1.184	.270

a. Dependent Variable: TBMS_1

ICBP

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.001	.004		-.318	.758
	RM_1	1.276	.512	.661	2.493	.037

a. Dependent Variable: ICBP_1

DLTA

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.011	.006		1.738	.120
	RM_1	-.142	.728	-.069	-.196	.850

a. Dependent Variable: DLTA_1

MYOR

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.003	.004		.598	.567
	RM_1	.081	.389	.073	.208	.840

a. Dependent Variable: MYOR_1

CEKA

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.004	.005		.759	.470
	RM_1	.028	.515	.019	.054	.958

a. Dependent Variable: CEKA_1

TOTO

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.014	.008		1.619	.144
	RM_1	-.588	1.839	-.112	-.320	.757

a. Dependent Variable: TOTO_1

SESUDAH

INAI

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.007	.006		-1.057	.321
	RM_2	-1.062	.883	-.391	-1.203	.264

a. Dependent Variable: INAI_2

LION

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.017	.023		.739	.481
	RM_2	2.226	2.390	.313	.931	.379

a. Dependent Variable: LION_2

ALMI

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.006	.006		-1.116	.297
	RM_2	.214	.808	.093	.264	.798

a. Dependent Variable: ALMI_2

TBMS

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.007	.011		-.610	.559
	RM_2	-1.328	.466	-.710	-2.852	.021

a. Dependent Variable: TBMS_2

ICBP

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.003	.003		-1.047	.326
	RM_2	.126	.481	.092	.261	.800

a. Dependent Variable: ICBP_2

DLTA

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.007	.020		-.356	.731
	RM_2	-1.994	2.737	-.249	-.728	.487

a. Dependent Variable: DLTA_2

MYOR

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.008	.002		-4.305	.003
	RM_2	.264	.229	.377	1.153	.282

a. Dependent Variable: MYOR_2

CEKA

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.006	.006		1.023	.336
	RM_2	1.032	.335	.737	3.081	.015

a. Dependent Variable: CEKA_2

TOTO

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.012	.008		-1.524	.166
	RM_2	.631	1.091	.200	.578	.579

a. Dependent Variable: TOTO_2

ALPHA	0.002						
BETA	-1.221						
SEBELUM		Return INAI		Rm	$E^{\otimes}=a+b*rm$	R_inai - E^{\otimes}	(R_inai - E^{\otimes})²
1/27/2014	145		4323				
1/28/2014	145	0	4342	0.0044	-0.0033	0.0033	0
1/29/2014	145	0	4417	0.0174	-0.0193	0.0193	0.0004
1/30/2014	145	0	4419	0.0003	0.0016	-0.0016	0
2/3/2014	145	0	4386	-0.0074	0.011	-0.011	0.0001
2/4/2014	145	0	4352	-0.0078	0.0115	-0.0115	0.0001
2/5/2014	145	0	4384	0.0074	-0.007	0.007	0
2/6/2014	145	0	4425	0.0092	-0.0093	0.0093	0.0001
2/7/2014	145	0	4467	0.0095	-0.0096	0.0096	0.0001
2/10/2014	158	0.0862	4451	-0.0036	0.0064	0.0799	0.0064
2/11/2014	140	-0.1111	4470	0.0044	-0.0033	-0.1078	0.0116
						RATA2	0.0019
						RESIKO	0.0434

ALPHA	-0.007						
BETA	-1.062						
SESUDAH		Return INAI		Rm	$E^{\otimes}=a+b*rm$	R_inai - E^{\otimes}	(R_inai - E^{\otimes})²
2/12/2014	160	0.1429	4496	0.0058			
2/13/2014	157	-0.0188	4492	-0.001	-0.0059	-0.0128	0.0002
2/14/2014	152	-0.0318	4508	0.0036	-0.0109	-0.021	0.0004
2/17/2014	145	-0.0461	4555	0.0105	-0.0181	-0.0279	0.0008
2/18/2014	147	0.0103	4556	0.0002	-0.0072	0.0175	0.0003
2/19/2014	145	-0.0102	4593	0.008	-0.0155	0.0053	0
2/20/2014	148	0.0172	4598	0.0012	-0.0083	0.0255	0.0007
2/21/2014	149	0.0068	4646	0.0104	-0.0181	0.0248	0.0006

2/24/2014	147	-0.0135	4624	-0.0049	-0.0018	-0.0116	0.0001
2/25/2014	148	0.0102	4577	-0.01	0.0036	0.0066	0
2/26/2014	148	0	4533	0.0097	0.0033	0.0033	0
0.002						RATA2	0.0003
						RESIKO	0.0178
ALPHA	0.005						
BETA	-0.163						
SEBELUM		Return LION		Rm	$E^{\circ}=a+b*rm$	$R_{inai} - E^{\circ}$	$(R_{inai} - E^{\circ})^2$
8/18/2015	910		4510				
8/19/2015	910	0	4484	-0.0058	0.0059	0.0059	0
8/20/2015	910	0	4442	0.0094	0.0065	0.0065	0
8/21/2015	850	-0.0659	4336	0.0239	0.0089	0.0748	0.0056
8/24/2015	850	0	4164	0.0397	0.0115	0.0115	0.0001
8/25/2015	850	0	4229	0.0156	0.0025	0.0025	0
8/26/2015	850	0	4238	0.0022	0.0046	0.0046	0
8/27/2015	850	0	4431	0.0455	-0.0024	0.0024	0
8/28/2015	850	0	4446	0.0035	0.0044	0.0044	0
8/31/2015	850	0	4510	0.0143	0.0027	0.0027	0
9/1/2015	950	0.1176	4412	-0.0215	0.0085	0.1091	0.0119
						RATA2	0.0018
						RESIKO	0.0422
ALPHA	0.017						
BETA	2.226						
SESUDAH		Return LION		Rm	$E^{\circ}=a+b*rm$	$R_{inai} - E^{\circ}$	$(R_{inai} - E^{\circ})^2$
9/2/2015	1140		4401				
9/3/2015	1300	0.1404	4433	0.0072	0.0331	0.1073	0.0115
9/4/2015	1345	0.0346	4415	-0.004	0.0081	0.0265	0.0007

9/7/2015	1295	-0.0372	4301	-	0.0258	-0.0405	0.0033	0
9/8/2015	1200	-0.0734	4319	0.004	0.0259		0.0993	0.0099
9/9/2015	1200	0	4347	0.0066	0.0318		0.0318	0.001
9/10/2015	1285	0.0708	4343	-	0.0009	0.0149	0.0559	0.0031
9/11/2015	1175	-0.0856	4360	0.004	0.0258		0.1114	0.0124
9/14/2015	1290	0.0979	4390	0.0069	0.0323		0.0656	0.0043
9/15/2015	1280	-0.0078	4347	-	0.0098	-0.0049	0.0028	0
9/16/2015	1280	0	4333	-	0.0034	0.0095	0.0095	0.0001
		0.0096					RATA2	0.0043
							RESIKO	0.0656

ALPHA	-	0.004						
BETA	1.095							
SEBELUM		Return ALMI		Rm	$E^{\text{R}}=a+b*rm$	R_inai - E^{R}	$(R_inai - E^{\text{R}})^2$	
1/27/2014	280		4323					
1/28/2014	280	0	4342	0.0044	0.0008	-0.0008	0	
1/29/2014	283	0.0089	4417	0.0174	0.0151	-0.0062	0	
1/30/2014	283	0	4419	0.0003	-0.0037	0.0037	0	
2/3/2014	283	0	4386	-	0.0074	-0.0121	0.0121	0.0001
2/4/2014	283	0	4352	-	0.0078	-0.0125	0.0125	0.0002
2/5/2014	285	0.0088	4384	0.0074	0.0041	0.0048	0	
2/6/2014	290	0.0175	4425	0.0092	0.0061	0.0115	0.0001	
2/7/2014	290	0	4467	0.0095	0.0064	-0.0064	0	
2/10/2014	275	-0.0517	4451	-	0.0036	-0.0079	-0.0438	0.0019
2/11/2014	280	0.0182	4470	0.0044	0.0008	0.0174	0.0003	
							RATA2	0.0003
							RESIKO	0.0166

ALPHA	-						
	0.006						
BETA	0.214						
SESUDAH		Return ALMI		Rm	$E^{\otimes}=a+b*rm$	R_inai - E^{\otimes}	$(R_inai - E^{\otimes})^2$
2/12/2014	320		4496				
2/13/2014	316	-0.0125	4492	-0.001	-0.0062	-0.0063	0
2/14/2014	315	-0.0032	4508	0.0036	-0.0052	0.0021	0
2/17/2014	317	0.0063	4555	0.0105	-0.0038	0.0101	0.0001
2/18/2014	300	-0.0536	4556	0.0002	-0.006	-0.0477	0.0023
2/19/2014	300	0	4593	0.008	-0.0043	0.0043	0
2/20/2014	300	0	4598	0.0012	-0.0057	0.0057	0
2/21/2014	300	0	4646	0.0104	-0.0038	0.0038	0
2/24/2014	300	0	4624	-0.0049	-0.007	0.007	0
2/25/2014	300	0	4577	-0.01	-0.0081	0.0081	0.0001
2/26/2014	300	0	4533	-0.0097	-0.0081	0.0081	0.0001
-0.003						RATA2	0.0003
						RESIKO	0.0163

ALPHA	0.075						
BETA	4.054						
SEBELUM		Return TBMS		Rm	$E^{\otimes}=a+b*rm$	R_inai - E^{\otimes}	$(R_inai - E^{\otimes})^2$
6/23/2016	413		4874				
6/24/2016	413	0	4835	-0.0082	0.0419	-0.0419	0.0018
6/27/2016	413	0	4836	0.0003	0.0762	-0.0762	0.0058
6/28/2016	413	0	4882	0.0095	0.1137	-0.1137	0.0129
6/29/2016	413	0	4980	0.0201	0.1563	-0.1563	0.0244
6/30/2016	495	0.2	5017	0.0073	0.1047	0.0953	0.0091
7/1/2016	500	0.0101	4972	-0.009	0.0386	-0.0285	0.0008
7/11/2016	600	0.2	5069	0.0196	0.1545	0.0455	0.0021
7/12/2016	750	0.25	5100	0.006	0.0994	0.1506	0.0227
7/13/2016	935	0.2467	5134	0.0067	0.1023	0.1443	0.0208
7/14/2016	950	0.016	5084	-0.0098	0.0352	-0.0192	0.0004
						RATA2	0.0101
						RESIKO	0.1004

ALPHA	-0.007						
BETA	-1.328						
SESUDAH		Return TBMS		Rm	$E^{\otimes}=a+b*rm$	R_inai - E^{\otimes}	(R_inai - E^{\otimes})²
7/15/2016	1015		4800				
7/18/2016	915	-0.0985	5128	0.0682	-0.0976	-0.001	0
7/19/2016	890	-0.0273	5173	0.0088	-0.0187	-0.0086	0.0001
7/20/2016	860	-0.0337	5243	0.0135	-0.025	-0.0087	0.0001
7/21/2016	905	0.0523	5217	-0.0049	-0.0005	0.0528	0.0028
7/22/2016	865	-0.0442	5197	-0.0038	-0.002	-0.0422	0.0018
7/25/2016	870	0.0058	5221	0.0045	-0.013	0.0188	0.0004
7/26/2016	900	0.0345	5224	0.0007	-0.0079	0.0424	0.0018
7/27/2016	880	-0.0222	5274	0.0096	-0.0197	-0.0025	0
7/28/2016	850	-0.0341	5299	0.0047	-0.0133	-0.0208	0.0004
7/29/2016	840	-0.0118	5216	-0.0157	0.0139	-0.0256	0.0007
0.0372						RATA2	0.0008
						RESIKO	0.0282

ALPHA	-						
BETA	1.276						
SEBELUM		Return ICBP		Rm	$E^{\otimes}=a+b*rm$	R_inai - E^{\otimes}	(R_inai - E^{\otimes})²
7/15/2016	8500		5110				
7/18/2016	8463	-0.0044	5128	0.0034	0.0033	-0.0077	0.0001
7/19/2016	8563	0.0118	5173	0.0088	0.0103	0.0015	0
7/20/2016	8725	0.019	5243	0.0135	0.0163	0.0027	0
7/21/2016	8600	-0.0143	5217	-0.0049	-0.0073	-0.007	0
7/22/2016	8688	0.0102	5197	-0.0038	-0.0058	0.016	0.0003
7/25/2016	8775	0.0101	5221	0.0045	0.0048	0.0053	0
7/26/2016	8950	0.0199	5224	0.0007	-0.0001	0.0201	0.0004
7/27/2016	9000	0.0056	5274	0.0096	0.0112	-0.0056	0
7/28/2016	8850	-0.0167	5299	0.0047	0.005	-	0.0005

						0.0217		
7/29/2016	8600	-0.0282	5216	-0.0157	-0.021	-0.0072	0.0001	
							RATA2	0.0001
							RESIKO	0.0117

ALPHA	-							
	0.003							
BETA	0.126							
SESUDAH		Return ICBP		Rm	$E^{\text{®}}=a+b*rm$	R_inai - $E^{\text{®}}$	$(R_inai - E^{\text{®}})^2$	
8/1/2016	8925		5362					
8/2/2016	8800	-0.014	5373	0.0022	-0.0027	-0.0113	0.0001	
8/3/2016	8800	0	5352	-0.004	-0.0035	0.0035	0	
8/4/2016	8850	0.0057	5374	0.0041	-0.0025	0.0082	0.0001	
8/5/2016	8925	0.0085	5420	0.0086	-0.0019	0.0104	0.0001	
8/8/2016	8825	-0.0112	5459	0.0071	-0.0021	-0.0091	0.0001	
8/9/2016	8750	-0.0085	5440	0.0034	-0.0034	-0.0051	0	
8/10/2016	8750	0	5424	-0.003	-0.0034	0.0034	0	
8/11/2016	8725	-0.0029	5419	0.0009	-0.0031	0.0003	0	
8/12/2016	8600	-0.0143	5377	0.0077	-0.004	-0.0104	0.0001	
8/15/2016	8650	0.0058	5321	0.0105	-0.0043	0.0101	0.0001	
-9E-04							RATA2	0.0001
							RESIKO	0.008

ALPHA	0.011						
BETA	-0.142						
SEBELUM		Return DLTA		Rm	$E^{\text{®}}=a+b*rm$	R_inai - $E^{\text{®}}$	$(R_inai - E^{\text{®}})^2$
10/19/2015	4890		4323				
10/20/2015	4910	0.0041	4342	0.0044	0.0104	-0.0063	0
10/21/2015	4910	0	4417	0.0174	0.0085	-0.0085	0.0001

10/22/2015	5068	0.0322	4419	0.0003	0.011	0.0212	0.0005
10/23/2015	5000	-0.0134	4386	-0.0074	0.012	-0.0255	0.0006
10/26/2015	5000	0	4352	-0.0078	0.0121	-0.0121	0.0001
10/27/2015	5000	0	4384	0.0074	0.01	-0.01	0.0001
10/28/2015	5102	0.0204	4425	0.0092	0.0097	0.0107	0.0001
10/29/2015	5102	0	4467	0.0095	0.0097	-0.0097	0.0001
10/30/2015	5300	0.0388	4451	-0.0036	0.0115	0.0273	0.0007
11/2/2015	5400	0.0189	4470	0.0044	0.0104	0.0085	0.0001
						RATA2	0.0002
						RESIKO	0.0158

ALPHA	-0.007						
BETA	-1.994						
SESUDAH		Return DLTA		Rm	E[®]=a+b*rm	R_inai - E[®]	(R_inai - E[®])²
11/3/2015	5875		4496				
11/4/2015	6600	0.1234	4492	-0.001	-0.0049	0.1284	0.0165
11/5/2015	6200	-0.0606	4508	0.0036	-0.0143	-0.0463	0.0021
11/6/2015	6000	-0.0323	4555	0.0105	-0.0279	-0.0043	0
11/9/2015	5650	-0.0583	4556	0.0002	-0.0074	-0.051	0.0026
11/10/2015	5525	-0.0221	4593	0.008	-0.023	0.0008	0
11/11/2015	5700	0.0317	4598	0.0012	-0.0094	0.0411	0.0017
11/12/2015	5550	-0.0263	4646	0.0104	-0.0278	0.0015	0
11/13/2015	5100	-0.0811	4624	-0.0049	0.0027	-0.0838	0.007
11/16/2015	5125	0.0049	4577	-0.01	0.013	-0.0081	0.0001
11/17/2015	5300	0.0341	4533	-0.0097	0.0124	0.0217	0.0005
						0.0007	
						RATA2	0.003
						RESIKO	0.0552

ALPHA 0.003

BETA 0.081

SEBELUM		Return MYOR		Rm	E [®] =a+b*rm	R_inai - E [®]	(R_inai - E [®]) ²
7/25/2016	1592		5221				
7/26/2016	1576	-0.0101	5224	0.0007	0.0031	-0.0131	0.0002
7/27/2016	1592	0.0102	5274	0.0096	0.0038	0.0064	0
7/28/2016	1590	-0.0013	5299	0.0047	0.0034	-0.0046	0
7/29/2016	1588	-0.0013	5216	-0.0157	0.0017	-0.003	0

8/1/2016	1596	0.005	5362	0.0279	0.0053	-0.0002	0
8/2/2016	1640	0.0276	5373	0.0022	0.0032	0.0244	0.0006
8/3/2016	1659	0.0116	5352	-0.004	0.0027	0.0089	0.0001
8/4/2016	1640	-0.0115	5374	0.0041	0.0033	-0.0148	0.0002
8/5/2016	1655	0.0091	5420	0.0086	0.0037	0.0054	0
8/8/2016	1640	-0.0091	5459	0.0071	0.0036	-0.0126	0.0002
						RATA2	0.0001
						RESIKO	0.0115

ALPHA -0.008
 BETA 0.264

SESUDAH		Return MYOR		Rm	$E^{\textcircled{R}}=a+b*rm$	$R_{\text{inai}} - E^{\textcircled{R}}$	$(R_{\text{inai}} - E^{\textcircled{R}})^2$
8/9/2016	1615		5440.3				
8/10/2016	1600	-0.0093	5423.9	-0.003	-0.0088	-0.0005	0
8/11/2016	1595	-0.0031	5419.1	-0.0009	-0.0082	0.0051	0
8/12/2016	1565	-0.0188	5377.2	-0.0077	-0.01	-0.0088	0.0001
8/15/2016	1550	-0.0096	5320.6	-0.0105	-0.0108	0.0012	0
8/16/2016	1550	0	5371.8	0.0096	-0.0055	0.0055	0
8/18/2016	1535	-0.0097	5461.5	0.0167	-0.0036	-0.0061	0
8/19/2016	1525	-0.0065	5416	-0.0083	-0.0102	0.0037	0
8/22/2016	1525	0	5427.2	0.0021	-0.0075	0.0075	0.0001
8/23/2016	1505	-0.0131	5417.1	-0.0018	-0.0085	-0.0046	0
8/24/2016	1490	-0.01	5404	-0.0024	-0.0086	-0.0013	0
		-0.003				RATA2	0
						RESIKO	0.0051

ALPHA	0.004						
BETA	0.028						
SEBELUM		Return CEKA		Rm	$E^{\textcircled{R}}=a+b*rm$	$R_{\text{inai}} - E^{\textcircled{R}}$	$(R_{\text{inai}} - E^{\textcircled{R}})^2$
7/13/2015	650		4894				
7/14/2015	632.5	-0.0269	4902	0.0016	0.004	-0.031	0.001
7/15/2015	652.5	0.0316	4870	-0.0065	0.0038	0.0278	0.0008
7/22/2015	652.5	0	4907	0.0076	0.0042	-0.0042	0
7/23/2015	652.5	0	4903	-0.0008	0.004	-0.004	0
7/24/2015	655	0.0038	4857	-0.0094	0.0037	0.0001	0
7/27/2015	655	0	4771	-0.0176	0.0035	-0.0035	0

7/28/2015	655	0	4715	-0.0118	0.0037	-0.0037	0	
7/29/2015	667.5	0.0191	4721	0.0014	0.004	0.015	0.0002	
7/30/2015	667.5	0	4712	-0.0018	0.0039	-0.0039	0	
7/31/2015	675	0.0112	4803	0.0191	0.0045	0.0067	0	
							RATA2	0.0002
							RESIKO	0.0144

ALPHA	0.006							
BETA	1.032							
SESUDAH		Return CEKA		Rm	$E^{\otimes}=a+b*rm$	R_inai - E^{\otimes}	$(R_inai - E^{\otimes})^2$	
8/3/2015	685		4800					
8/4/2015	690	0.0073	4781	-0.004	0.0019	0.0054	0	
8/5/2015	690	0	4851	0.0145	0.021	-0.021	0.0004	
8/6/2015	700	0.0145	4807	-0.0091	-0.0034	0.0178	0.0003	
8/7/2015	695	-0.0071	4770	-0.0075	-0.0018	-0.0054	0	
8/10/2015	695	0	4749	-0.0045	0.0014	-0.0014	0	
8/11/2015	690	-0.0072	4623	-0.0266	-0.0215	0.0143	0.0002	
8/12/2015	650	-0.058	4479	-0.031	-0.0259	-0.032	0.001	
8/13/2015	670	0.0308	4584	0.0234	0.0301	0.0006	0	
8/14/2015	680	0.0149	4585	0.0002	0.0063	0.0087	0.0001	
8/18/2015	680	0	4510	-0.0163	-0.0109	0.0109	0.0001	
0.0017							RATA2	0.0002
							RESIKO	0.015

ALPHA	0.014						
BETA	-0.588						
SEBELUM		Return TOTO		Rm	$E^{\otimes}=a+b*rm$	R_inai - E^{\otimes}	$(R_inai - E^{\otimes})^2$
10/10/2016	618		5361				
10/11/2016	618	0	5382	0.0039	0.0117	-0.0117	0.0001
10/12/2016	615	-0.004	5365	-0.0032	0.0159	-0.0199	0.0004
10/13/2016	613	-0.0041	5340	-0.0045	0.0167	-0.0207	0.0004

10/14/2016	615	0.0041	5400	0.0111	0.0075	- 0.0034	0	
10/17/2016	613	-0.0041	5410	0.0019	0.0129	- 0.0169	0.0003	
10/18/2016	615	0.0041	5430	0.0036	0.0119	- 0.0078	0.0001	
10/19/2016	623	0.0122	5409	- 0.0038	0.0162	- 0.0041	0	
10/20/2016	665	0.0683	5404	-0.001	0.0146	0.0537	0.0029	
10/21/2016	695	0.0451	5409	0.001	0.0134	0.0317	0.001	
10/24/2016	700	0.0072	5421	0.0022	0.0127	- 0.0055	0	
							RATA2	0.0005
							RESIKO	0.0229

ALPHA	- 0.012							
BETA	0.631							
SESUDAH		Return TOTO		Rm	$E^{\otimes}=a+b*rm$	R_inai - E^{\otimes}	(R_inai - E^{\otimes})²	
10/25/2016	690		5398					
10/26/2016	670	-0.029	5400	0.0003	-0.0118	- 0.0172	0.0003	
10/27/2016	650	-0.0299	5417	0.0032	-0.01	- 0.0199	0.0004	
10/28/2016	660	0.0154	5410	- 0.0012	-0.0128	0.0281	0.0008	
10/31/2016	650	-0.0152	5423	0.0023	-0.0106	- 0.0046	0	
11/1/2016	655	0.0077	5416	- 0.0012	-0.0128	0.0205	0.0004	
11/2/2016	650	-0.0076	5405	- 0.0019	-0.0132	0.0056	0	
11/3/2016	640	-0.0154	5330	- 0.0141	-0.0209	0.0055	0	
11/4/2016	635	-0.0078	5363	0.0062	-0.0081	0.0003	0	
11/7/2016	600	-0.0551	5386	0.0044	-0.0092	- 0.0459	0.0021	
11/8/2016	615	0.025	5471	0.0157	-0.0021	0.0271	0.0007	
0.0008							RATA2	0.0005
							RESIKO	0.022