

# LAMPIRAN

## Perhitungan Perataan Laba 2012

Emiten	n1	n2	n3	n4
Akra	200,205	378,228	588,674	809,682
Asii	6,605,000	13,881,000	21,098,000	27898000
Auto	317,301	647,889	931,670	1263368
Cpin	1,020,569	2,164,522	3,146,201	3376499
Ekad	15,358	31,830	40,349	47930
Gjtl	323,672	642,183	960,665	1457400
Icbp	842,465	1,583,455	2,320,781	3034394
Indf	1,692,081	3,323,752	5,010,916	6309756
Inds	38,795	104,696	139,336	180798
Intp	1,304,607	2,831,777	4,405,747	6239550
Ltls	54,006	79,746	94,876	142285
Mtdl	38,863	72,328	103,636	168319
Smgr	1,306,032	2,744,577	4,415,046	6287454
Tcid	84,346	166,897	256,788	203263
Toto	65,285	101,197	178,196	336282
Turi	140,342	286,655	405,275	545821
Untr	1,964,831	1,974,310	5,792,273	7446755

$\Delta 1$ (n2-n1)	$\Delta 2$ (n3-n2)	$\Delta 3$ (n4-n3)	$\Delta I$ (average $\Delta I$ )	A1 $(\Delta I1-\Delta I)^2$	A2 $(\Delta I2-\Delta I)^2$	A3 $(\Delta I3-\Delta I)^2$	A4 $(A1+A2+A3)/(4-1)$	CV $\Delta I$ $\sqrt{(A4/\Delta I)}$
178,023	210,446	221,008	203,159	631,818,496	53100369	318586801	334501888.7	40.57712323
7,276,000	7,217,000	6,800,000	7,097,667	31,802,777,778	14240444444	88605444444	44882888889	79.52114077
330,588	283,781	331,698	315,356	232,023,979	996959575.1	267071858.8	498685137.6	39.76609016
1,143,953	981,679	230,298	785,310	128,624,801,449	38560784161	3.08038E+11	1.58408E+11	449.1257428
16,472	8,519	7,581	10,857	31,524,482	5467802.778	10734360.11	15908881.56	38.27879329
318,511	318,482	496,735	377,909	3,528,162,003	3531607947	14119539059	7059769670	136.6788944
740,990	737,326	713,613	730,643	107,060,409	44662489	290020900	147247932.7	14.19619608
1,631,671	1,687,164	1,298,840	1,539,225	8,546,262,916	21885947721	57784948225	29405719621	138.2180787
65,901	34,640	41,462	47,334	344,721,111	161146098.8	34484298.78	180117169.6	61.68639982
1,527,170	1,573,970	1,833,803	1,644,981	13,879,431,721	5042562121	35653747684	18191913842	105.1619795
25,740	15,130	47,409	29,426	13,589,053	204385146.8	323376300.4	180450166.9	78.3088
33,465	31,308	64,683	43,152	93,837,969	140280336	463583961	232567422	73.41316956
1,438,545	1,670,469	1,872,408	1,660,474	49,252,481,041	99900025	44916020356	31422800474	137.5645095
82,551	89,891	-53,525	39,639	1,841,439,744	2525263504	8679530896	4348744715	331.2230959
35,912	76,999	158,086	90,332	2,961,572,680	177777777.8	4590559347	2576636602	168.8904029
146,313	118,620	140,546	135,160	124,396,844	273560573.4	29012586.78	142323334.9	32.44998495
9,479	3,817,963	1,654,482	1,827,308	3,304,502,273,241	3.96271E+12	29868826276	2.43236E+12	1153.740138

Emiten	n1	n2	n3	n4
Akra	5,140,352	10,715,662	16,304,553	21,673,954
Asii	46,353,000	95,919,000	143,138,000	188053000
Auto	2,128,055	4,161,580	6,168,320	8277485
Cpin	4,894,035	10,240,366	15,911,265	21310925
Ekad	106,955	204,354	291,613	385037
Gjtl	3,145,822	6,365,825	9,381,418	12578596
Icbp	5,286,301	10,918,798	16,227,848	21716913
Indf	11,826,831	24,576,468	37,254,978	50059427
Inds	366,006	764,997	1,105,770	1476988
Intp	3,849,035	8,192,664	12,370,676	17290337
Ltls	1,629,423	3,282,734	4,743,481	6213600
Mtdl	1,137,383	2,366,755	3,576,850	5172997
Smgr	4,283,657	8,657,561	13,667,315	19598548
Tcid	373,187	786,031	1,149,875	1851153
Toto	496,409	953,698	1,405,903	1576763
Turi	2,587,904	5,178,268	7,672,751	9963157
Untr	15,027,273	30,610,414	44,137,389	55953915

$\Delta S 1$ (n2-n1)	$\Delta S 2$ (n3-n2)	$\Delta S 3$ (n4-n3)	$\Delta S$ (average $\Delta S$ )	A1 $(\Delta S1-\Delta S)^2$	A2 $(\Delta S2-\Delta S)^2$	A3 $(\Delta S3-\Delta S)^2$	A4 $A1+A2+A3)/(4-1)$	CV $\Delta S$ $\sqrt{A4/\Delta S}$
5,575,310	5,588,891	5,369,401	5,511,201	4,110,006,620	6035787893	20107145467	10084313327	42.77599
49,566,000	47,219,000	44,915,000	47,233,333	5,441,333,777,778	205444444.4	5.37467E+12	3.6054E+12	276.282
2,033,525	2,006,740	2,109,165	2,049,810	265,201,225	1855024900	3523016025	1881080717	30.29332
5,346,331	5,670,899	5,399,660	5,472,297	15,867,349,179	39442886805	5276085344	20195440443	60.74938
97,399	87,259	93,424	92,694	22,137,025	29539225	532900	17403050	13.70209
3,220,003	3,015,593	3,197,178	3,144,258	5,737,305,025	16554682225	2800526400	8364171217	51.57656
5,632,497	5,309,050	5,489,065	5,476,871	24,219,555,627	28163776160	148701765.4	17510677851	56.54383
12,749,637	12,678,510	12,804,449	12,744,199	29,575,469	4315000928	3630102667	2658226355	14.44241
398,991	340,773	371,218	370,327	821,605,787	873458618.8	793287.1111	565285897.6	39.0698
4,343,629	4,178,012	4,919,661	4,480,434	18,715,608,025	91459066084	1.9292E+11	1.01032E+11	150.165
1,653,311	1,460,747	1,470,119	1,528,059	15,688,063,504	4530905344	3357043600	7858670816	71.71409
1,229,372	1,210,095	1,596,147	1,345,205	13,417,206,667	18254622027	62972054659	31547961118	153.141
4,373,904	5,009,754	5,931,233	5,104,964	534,448,236,227	9064880627	6.82721E+11	4.08745E+11	282.9631
412,844	363,844	701,278	492,655	6,369,848,928	16592359595	43523417047	22161875190	212.0956
457,289	452,205	170,860	360,118	9,442,203,241	8480015569	35818590564	17913603125	223.033
2,590,364	2,494,483	2,290,406	2,458,418	17,409,834,880	1300708268	28227920136	15646154428	79.77668
15,583,141	13,526,975	11,816,526	13,642,214	3,767,197,619,329	13280027121	3.33314E+12	2.3712E+12	416.9098

Emiten	Indek Perataan Laba CV $\Delta I$ / CV $\Delta S$	Status	Variabel Dummy
Akra	0.948595807	Perataan Laba	0
Asii	0.287825984	Perataan Laba	0
Auto	1.312701498	Bukan Perataan Laba	1
Cpin	7.39309183	Bukan Perataan Laba	1
Ekad	2.793645956	Bukan Perataan Laba	1
Gjtl	2.650019607	Bukan Perataan Laba	1
Icbp	0.251065335	Perataan Laba	0
Indf	9.570290891	Bukan Perataan Laba	1
Inds	1.578876762	Bukan Perataan Laba	1
Intp	0.700309492	Perataan Laba	0
LtIs	1.09195837	Bukan Perataan Laba	1
Mtdl	0.479382868	Perataan Laba	0
Smgr	0.48615713	Perataan Laba	0
Tcid	1.561668873	Bukan Perataan Laba	1
Toto	0.757244124	Perataan Laba	0
Turi	0.406760271	Perataan Laba	0
Untr	2.767361537	Bukan Perataan Laba	1

### **Perhitungan Perataan Laba 2013**

Emiten	n1	n2	n3	n4
Akra	188,263	404,913	585,463	733,053
Asii	5,991,000	12,254,000	18,761,000	27523000
Auto	321,844	621,694	796,573	1210355
Cpin	894,710	1,927,840	2,878,205	3451333
Ekad	15,549	30,619	43,418	51988
Gjtl	413,989	571,776	252,152	1664730
Icbp	899,727	1,732,973	2,501,123	2966990
Indf	1,261,742	2,693,830	3,311,703	4000751
Inds	42,714	105,790	145,492	184580
Intp	1,487,489	3,241,808	4,783,132	6595154
LtIs	50,931	203,867	109,341	173657
Mtdl	54,431	108,370	144,687	240790
Smgr	1,576,509	3,306,424	5,006,801	6920400
Tcid	91,612	183,450	269,635	218298
Toto	52,015	105,800	220,046	323205
Turi	126,602	199,603	277,144	388759
Untr	1,510,140	3,051,949	4,544,523	6587337

$\Delta 1$ (n2-n1)	$\Delta 2$ (n3-n2)	$\Delta 3$ (n4-n3)	$\Delta I$ (average $\Delta I$ )	A1 $(\Delta I 1 - \Delta I)^2$	A2 $(\Delta I 2 - \Delta I)^2$	A3 $(\Delta I 3 - \Delta I)^2$	A4 $(A1+A2+A3)/(4-1)$	CV $\Delta I$ $\sqrt{A4/\Delta I}$
216,650	180,550	147,590	181,597	1,228,736,178	1095511.111	1156453378	795428355.6	66.18302
6,263,000	6,507,000	8,762,000	7,177,333	836,005,444,444	4.49347E+11	2.51117E+12	1.26551E+12	419.9047
299,850	174,879	413,782	296,170	13,539,947	14711587542	13832504136	9519210542	179.2791
1,033,130	950,365	573,128	852,208	32,732,890,699	9634862087	77885460347	40084404378	216.8777
15,070	12,799	8,570	12,146	8,547,827	425973.7778	12790160.11	7254653.556	24.43913
157,787	-319,624	1,412,578	416,914	67,146,629,378	5.42488E+11	9.91347E+11	5.33661E+11	1131.383
833,246	768,150	465,867	689,088	20,781,625,069	6250852552	49827466027	25619981216	192.82
1,432,088	617,873	689,048	913,003	269,449,237,225	87101716900	50155842025	1.35569E+11	385.3399
63,076	39,702	39,088	47,289	249,239,894	57557511.11	67250933.78	124682779.6	51.34814
1,754,319	1,541,324	1,812,022	1,702,555	2,679,511,696	25995435361	11983024089	13552657049	89.21988
152,936	-94,526	64,316	40,909	12,550,123,414	18342548935	547903253.8	10480191868	506.1473
53,939	36,317	96,103	62,120	66,923,307	665777607.1	1154866944	629189286.2	100.6413
1,729,915	1,700,377	1,913,599	1,781,297	2,640,109,924	6548046400	17503819204	8897325176	70.67431
91,838	86,185	-51,337	42,229	2,461,085,954	1932159240	8754533979	4382593058	322.1528
53,785	114,246	103,159	90,397	1,340,414,136	568790700.4	162877152.1	690693996.2	87.41111
73,001	77,541	111,615	87,386	206,918,635	96917461.78	587060593.8	296965563.6	58.29522
1,541,809	1,492,574	2,042,814	1,692,399	22,677,348,100	39930030625	1.22791E+11	61799350317	191.0912

Emiten	n1	n2	n3	n4
Akra	5,438,533	10,616,563	16,170,992	22,337,928
Asii	46,678,000	94,279,000	141,840,000	193880000
Auto	2,360,763	4,961,180	7,761,402	10701988
Cpin	5,645,675	11,984,498	18,684,407	25662992
Ekad	94,174	196,273	303,065	418669
Gjtl	3,037,993	6,129,102	9,108,891	12352917
Icbp	6,094,055	12,577,910	18,876,795	25094681
Indf	12,893,526	26,932,942	41,279,123	55623657
Inds	408,576	838,881	1,236,611	1702447
Intp	4,219,071	8,917,704	13,348,028	18691286
LtIs	1,401,570	2,745,792	4,216,775	5734847
Mtdl	1,400,323	3,174,236	4,980,942	7325303
Smgr	5,543,803	11,422,242	17,390,838	24501241
Tcid	417,903	841,111	1,229,723	2027899
Toto	458,309	989,167	1,560,074	1711307
Turi	2,823,429	57,347,861	8,450,290	11013736
Untr	12,450,082	24,901,298	37,305,374	51012385

$\Delta S 1$	$\Delta S 2$	$\Delta S 3$	$\Delta S$	A1	A2	A3	A4	CV $\Delta S$
$(n2-n1)$	$(n3-n2)$	$(n4-n3)$	(average $\Delta S$ )	$(\Delta S1-\Delta S)^2$	$(\Delta S2-\Delta S)^2$	$(\Delta S3-\Delta S)^2$	$A1+A2+A3)/(4-1)$	$v(A4/\Delta S)$
5,178,030	5,554,429	6,166,936	5,633,132	207,117,527,003	6194109740	2.84947E+11	1.66086E+11	171.7085
47,601,000	47,561,000	52,040,000	49,067,333	2,150,133,444,444	2.26904E+12	8.83675E+12	4.41864E+12	300.0876
2,600,417	2,800,222	2,940,586	2,780,408	32,396,880,075	392581386.8	25656884899	19482115454	83.70738
6,338,823	6,699,909	6,978,585	6,672,439	111,299,635,456	754600900	93725373316	68593203224	101.3907
102,099	106,792	115,604	108,165	36,796,356	1885129	55338721	31340068.67	17.02184
3,091,109	2,979,789	3,244,026	3,104,975	192,256,712	15671451139	19335273302	11732993718	61.47172
6,483,855	6,298,885	6,217,886	6,333,542	22,593,997,969	1201107649	13376310336	12390471985	44.23037
14,039,416	14,346,181	14,344,534	14,243,377	41,600,089,521	10568662416	10232738649	20800496862	38.21469
430,305	397,730	465,836	431,290	970,882	1126295973	1193403085	773556646.9	42.35076
4,698,633	4,430,324	5,343,258	4,824,072	15,734,859,095	1.55037E+11	2.69554E+11	1.46776E+11	174.4295
1,344,222	1,470,983	1,518,072	1,444,426	10,040,774,813	705291953.8	5423782413	5389949727	61.08643
1,773,913	1,806,706	2,344,361	1,974,993	40,433,300,453	28320626560	1.36432E+11	68395466731	186.0933
5,878,439	5,968,596	7,110,403	6,319,146	194,222,659,849	1.22885E+11	6.26088E+11	3.14399E+11	223.0545
423,208	388,612	798,176	536,665	12,872,566,487	21919789511	68387828780	34393394926	253.1546
530,858	570,907	151,233	417,666	12,812,428,864	23482804081	70986543489	35760592145	292.6091
54,524,432	-48,897,571	2,563,446	2,730,102	2,682,652,585,619,350	2.66542E+15	27774333440	1.7827E+15	25553.45
12,451,216	12,404,076	13,707,011	12,854,101	162,316,323,225	2.02523E+11	7.27455E+11	3.64098E+11	168.3016

Emiten	Indek Perataan Laba CV $\Delta I$ / CV $\Delta S$	Status	Variabel Dummy
Akra	0.385438178	Perataan Laba	0
Asii	1.399273489	Bukan Perataan Laba	1
Auto	2.141735935	Bukan Perataan Laba	1
Cpin	2.139029444	Bukan Perataan Laba	1
Ekad	1.435751063	Bukan Perataan Laba	1
Gjtl	18.40492786	Bukan Perataan Laba	1
Icbp	4.359448659	Bukan Perataan Laba	1
Indf	10.0835537	Bukan Perataan Laba	1
Inds	1.212449069	Bukan Perataan Laba	1
Intp	0.51149539	Perataan Laba	0
LtIs	8.285757063	Bukan Perataan Laba	1
Mtdl	0.54081068	Perataan Laba	0
Smgr	0.316847658	Perataan Laba	0
Tcid	1.272553754	Bukan Perataan Laba	1
Toto	0.298730003	Perataan Laba	0
Turi	0.002281305	Perataan Laba	0
Untr	1.135408717	Bukan Perataan Laba	1

## Perhitungan Perataan Laba 2014

Emiten	n1	n2	n3	n4
Akra	224,808	464,003	762,717	993,344
Asii	7,046,000	14,662,000	21,734,000	27352000
Auto	357,191	632,224	867,551	1108055
Cpin	858,017	1,640,856	2,104,958	2106892
Ekad	15,203	33,280	47,189	58722
Gjtl	270,905	335,891	336,139	394059
Icbp	906,458	1,740,329	2,716,815	3388725
Indf	2,362,248	3,999,856	5,391,965	6229297
Inds	54,402	107,165	134,054	167540
Intp	1,437,995	3,210,655	4,764,915	6789602
LtIs	96,070	202,558	238,468	274845
Mtdl	64,804	153,410	228,205	353197
Smgr	1,658,470	3,609,147	5,193,393	7090766
Tcid	112,662	218,589	329,007	239429
Toto	84,353	127,576	207,886	381883
Turi	94,147	170,599	218,370	300709
Untr	2,068,576	4,378,496	6,492,341	6621858

$\Delta 1$ (n2-n1)	$\Delta 2$ (n3-n2)	$\Delta 3$ (n4-n3)	$\Delta$ (average $\Delta$ )	A1 ( $\Delta 1 - \Delta$ ) <sup>2</sup>	A2 ( $\Delta 2 - \Delta$ ) <sup>2</sup>	A3 ( $\Delta 3 - \Delta$ ) <sup>2</sup>	A4 A1+A2+A3/(4-1)	CV $\Delta$ $v(A4/\Delta)$
239,195	298,714	230,627	256,179	288,444,933	1809254582	652887669.4	916862394.9	59.82471
7,616,000	7,072,000	5,618,000	6,768,667	717,973,777,778	920111111111	1.32403E+12	7.1134E+11	324.1805
275,033	235,327	240,504	250,288	612,315,025	223831521	95726656	310624400.7	35.22879
782,839	464,102	1,934	416,292	134,356,947,574	2285827973	1.71692E+11	1.02778E+11	496.8805
18,077	13,909	11,533	14,506	12,749,660	356807.1111	8840711.111	7315726.222	22.4569
64,986	248	57,920	41,051	572,868,268	1664912011	284551915.1	840777398.2	143.1123
833,871	976,486	671,910	827,422	41,585,302	22219976720	24184085819	15481882614	136.7881
1,637,608	1,392,109	837,332	1,289,016	121,516,150,069	10628097920	2.04019E+11	1.12054E+11	294.8391
52,763	26,889	33,486	37,713	226,512,533	117151760.1	17864711.11	120509668.2	56.52848
1,772,660	1,554,260	2,024,687	1,783,869	125,641,681	52720292881	57993309124	36946414562	143.9145
106,488	35,910	36,377	59,592	2,199,266,080	560821336.1	538920748.4	1099669388	135.8433
88,606	74,795	124,992	96,131	56,625,625	455224896	832957321	448269280.7	68.28696
1,950,677	1,584,246	1,897,373	1,810,765	19,575,274,469	51311008374	7500887925	26129056923	120.1243
105,927	110,418	-89,578	42,256	4,054,038,688	4646103685	17380115667	8693419347	453.5789
43,223	80,310	173,997	99,177	3,130,812,813	355951111.1	5598082280	3028282068	174.7404
76,452	47,771	82,339	68,854	57,729,604	444492889	181845225	228022572.7	57.54722
2,309,920	2,113,845	129,517	1,517,761	627,516,409,387	3.55317E+11	1.92722E+12	9.70018E+11	799.4443

Emiten	n1	n2	n3	n4
Akra	3,630,170	11,258,181	16,989,120	22,468,328
Asii	49,821,000	101,528,000	150,582,000	201701000
Auto	3,094,418	6,225,509	9,178,056	12255427
Cpin	6,719,521	14,425,049	21,783,415	29150275
Ekad	115,660	249,477	383,265	526574
Gjtl	3,199,668	6,561,728	9,682,443	13070734
Icbp	7,355,089	15,522,285	22,783,920	30022734
Indf	16,365,578	34,066,065	50,393,490	63594452
Inds	459,589	940,171	1,376,145	1866977
Intp	4,499,774	9,498,594	14,166,879	19996264
LtIs	1,409,218	2,917,041	4,340,618	5888153
Mtdl	1,785,298	3,747,964	5,926,215	8444570
Smgr	6,177,992	12,885,494	19,348,972	26987035
Tcid	494,960	1,020,825	1,491,108	2308204
Toto	589,694	1,177,648	1,763,836	2053630
Turi	2,826,568	5,839,785	8,363,937	11026638
Untr	13,901,385	27,532,600	40,809,845	53141768

$\Delta S 1$ (n2-n1)	$\Delta S 2$ (n3-n2)	$\Delta S 3$ (n4-n3)	$\Delta S$ (average $\Delta S$ )	A1 $(\Delta S1-\Delta S)^2$	A2 $(\Delta S2-\Delta S)^2$	A3 $(\Delta S3-\Delta S)^2$	A4 $(A1+A2+A3)/(4-1)$	CV $\Delta S$ $\sqrt{A4/\Delta S}$
7,628,011	5,730,939	5,479,208	6,279,386	1,818,789,390,625	3.00794E+11	6.40285E+11	9.19956E+11	382.7586
51,707,000	49,054,000	51,119,000	50,626,667	1,167,120,111,111	2.47328E+12	2.42392E+11	1.29426E+12	159.8902
3,131,091	2,952,547	3,077,371	3,053,670	5,994,062,855	10225793714	561753201.8	5593869924	42.80014
7,705,528	7,358,366	7,366,860	7,476,918	52,262,532,100	14054576704	12112763364	26143290723	59.13149
133,817	133,788	143,309	136,971	9,949,819	10133611.11	40166018.78	20083149.56	12.1088
3,362,060	3,120,715	3,388,291	3,290,355	5,141,559,222	28777842693	9591394805	14503598907	66.39211
8,167,196	7,261,635	7,238,814	7,555,882	373,705,214,139	86581100844	1.00532E+11	1.86939E+11	157.2924
17,700,487	16,327,425	13,200,962	15,742,958	3,831,919,785,841	3.41602E+11	6.46174E+12	3.54509E+12	474.5373
480,582	435,974	490,832	469,129	131,163,574	1099276128	471005740.4	567148480.9	34.76979
4,998,820	4,668,285	5,829,385	5,165,497	27,781,111,211	2.47219E+11	4.40748E+11	2.38583E+11	214.9134
1,507,823	1,423,577	1,547,535	1,492,978	220,364,128	4816545068	2976429878	2671113025	42.29796
1,962,666	2,178,251	2,518,355	2,219,757	66,095,953,675	1722775707	89160566539	52326431974	153.5351
6,707,502	6,463,478	7,638,063	6,936,348	52,370,339,152	2.23606E+11	4.92404E+11	2.56127E+11	192.1596
525,865	470,283	817,096	604,415	6,170,050,133	17991304003	45233349548	23131567895	195.6298
587,954	586,188	289,794	487,979	9,995,067,275	9645073154	39277162102	19639100844	200.6136
3,013,217	2,524,152	2,662,701	2,733,357	78,321,806,173	43766592555	4992223232	42360207320	124.489
13,631,215	13,277,245	12,331,923	13,080,128	303,697,248,960	38855243100	5.5981E+11	3.00788E+11	151.6436



Emiten	Indek Perataan Laba CV $\Delta I$ / CV $\Delta S$	Status	Variabel Dummy
Akra	0.156298797	Perataan Laba	0
Asii	2.027519827	Bukan Perataan Laba	1
Auto	0.823100027	Perataan Laba	0
Cpin	8.402976436	Bukan Perataan Laba	1
Ekad	1.854593897	Bukan Perataan Laba	1
Gjtl	2.155561363	Bukan Perataan Laba	1
Icbp	0.869641806	Perataan Laba	0
Indf	0.621319156	Perataan Laba	0
Inds	1.625792935	Bukan Perataan Laba	1
Intp	0.66963969	Perataan Laba	0
LtIs	3.21158131	Bukan Perataan Laba	1
Mtdl	0.444764328	Perataan Laba	0
Smgr	0.625127604	Perataan Laba	0
Tcid	2.318557108	Bukan Perataan Laba	1
Toto	0.871029826	Perataan Laba	0
Turi	0.462267591	Perataan Laba	0
Untr	5.27186468	Bukan Perataan Laba	1

### Perhitungan Return Saham 2012

Emiten	Pt	Pt-1	Dt	TR Pt-Pt-1+Dt/Pt-1	Log TR
Akra	4,150	3,650	1,372,700	876.0821918	2.942544852
Asii	7,600	6,850	8,015,744	1920.181536	3.283342289
Auto	3,700	3,575	404,860	238.2475524	2.377028448
Cpin	3,650	2,500	688,720	1425.488	3.153963566
Ekad	350	330	4,891	34.8225	1.541859947
Gjtl	2,225	2,175	41,818	69.22666667	1.84027342
Icbp	7,800	4,800	985,431	3205.298125	3.505868429
Indf	5,850	4,800	2,310,000	1531.25	3.185046102
Inds	4,200	3,600	1,126,400	912.8888889	2.960417921
Intp	22,450	16,950	1,078,600	5563.634218	3.74535857
LtIs	740	700	23	40.03342857	1.602422786
Mtdl	164	119	8,984	120.4957983	2.080971903
Smgr	15,850	11,300	1,962,700	4723.690265	3.674281413
Tcid	11,000	8,050	74,395	2959.241574	3.47118042
Toto	6,650	6,600	99,076	65.01152621	1.812990362
Turi	930	700	78,120	341.6	2.533517862
Untr	19,700	17,050	2,460,000	2794.281525	3.446270159

### Perhitungan Return Saham 2013

Emiten	Pt	Pt-1	Dt	TR Pt-Pt-1+Dt/Pt-1	Log TR
Akra	4,375	3,875	251,100	564.8	2.751894688
Asii	6,800	6,050	8,700,000	2188.016529	3.340050598
Auto	3,650	3,600	419,317	166.4769444	2.221354096
Cpin	3,375	3,350	754,310	250.1671642	2.398230306
Ekad	390	360	5,500	45.27777778	1.655885104
Gjtl	1,680	1,650	94,090	87.024	1.939639041
Icbp	10,200	6,050	985,431	4312.881157	3.634767491
Indf	6,600	6,050	2,310,000	931.8181818	2.96933118
Inds	2,675	2,425	1,658,400	933.8762887	2.970289349
Intp	20,000	18,000	1,658,400	2092.133333	3.320589359
LtIs	720	690	25	30.03617391	1.47764461
Mtdl	285	198	11,230	143.7171717	2.157508662
Smgr	14,150	11,750	2,181,200	2585.634043	3.412567057
Tcid	11,900	11,350	74,395	556.5545962	2.745507774
Toto	7,700	6,600	49,536	1107.505455	3.044345874
Turi	530	510	128,340	271.6470588	2.434005007
Untr	19,000	15,800	2,180,000	3337.974684	3.523483039

### Perhitungan Return Saham 2014

Emiten	Pt	Pt-1	Dt	TR Pt-Pt-1+Dt/Pt-1	Log TR
Akra	4,120	4,100	252,600	81.6097561	1.91174208
Asii	7,425	6,425	8,700,000	2354.085603	3.371822251
Auto	4,200	3,370	402,448	949.4206841	2.977458689
Cpin	3,780	3,770	754,300	210.0795756	2.322383831
Ekad	515	399	6,289	131.7618421	2.119789658
Gjtl	1,425	1,305	35,000	146.8199234	2.166784993
Icbp	13,100	11,000	1,110,000	2200.909091	3.342602104
Indf	6,750	6,700	1,250,000	236.5671642	2.373954464
Inds	1,600	1,550	3,312,000	2186.774194	3.33980394
Intp	25,000	22,400	3,312,000	2747.857143	3.438994151
LtIs	1,800	675	26	1125.038133	3.051167243
Mtdl	615	301	28,075	407.2724252	2.609885007
Smgr	16,200	14,200	2,416,600	2170.183099	3.336496377
Tcid	17,525	11,900	74,395	5631.251653	3.750604936
Toto	3,975	3,700	118,900	307.1351351	2.487329501
Turi	605	590	78,100	147.3728814	2.168417575
Untr	17,350	17,300	727,400	92.04624277	1.964006066

**Perhitungan Risiko Saham**

Emiten	Pt-1	Pt	Dt	TR	$\overline{TR}$	$(TR - \overline{TR})^2$	$\sum(TR - \overline{TR})^2$	SD
AKRA 2012	3650	3600	1,372,700	-18.65981735	75.2281702	8814.954207	1919226.157	417.702173
	3600	4300	1,372,700	731.775463		535495.3282		
	4300	4125	1,372,700	-148.3972868		22021.75474		
	4125	3375	1,372,700	-722.2686869		521672.056		
	3375	3475	1,372,700	133.8938272		17927.55695		
	3475	3650	1,372,700	207.9184652		43230.08818		
	3650	3500	1,372,700	-118.6598174		14080.15225		
	3500	4250	1,372,700	782.6833333		612593.2003		
	4250	4450	1,372,700	226.9156863		51490.72868		
	4450	4300	1,372,700	-124.2940075		15449.0003		
	4300	4150	1,372,700	-123.3972868		15226.89039		
	4150	3875	1,372,700	-247.435743		61224.4469		

Emiten	Pt-1	Pt	Dt	TR	$\overline{TR}$	$(TR - \overline{TR})^2$	$\sum(TR - \overline{TR})^2$	SD
ASII 2012	6850	70850	8,015,744	64097.51513	-1.587824919	4108694999	7475127279	26068.3146
	70850	73950	8,015,744	3109.428068		9668542.911		
	73950	71000	8,015,744	-2940.967159		8649287.828		
	71000	64300	8,015,744	-6690.59185		44764019.31		
	64300	6850	8,015,744	-57439.61153		3299308973		
	6850	7000	8,015,744	247.515128		61263.73859		
	7000	6750	8,015,744	-154.5744819		23893.27045		
	6750	7400	8,015,744	748.9597966		560940.7769		
	7400	8050	8,015,744	740.267382		547995.7968		
	8050	7250	8,015,744	-717.0212886		514119.5283		
	7250	7600	8,015,744	442.134983		195483.3432		
	7600	6050	8,015,744	-1462.108075		2137760.024		

Emiten	Pt-1	Pt	Dt	TR	$\overline{TR}$	$(TR - \overline{TR})^2$	$\sum(TR - \overline{TR})^2$	SD
AUTO 2012	3575	3350	404,860	-215.562704	11.5850759	51596.1139	571310.9427	227.897693
	3350	3325	404,860	-14.92885572		222.8707332		
	3325	3575	404,860	260.1468672		67676.3925		
	3575	3350	404,860	-215.562704		46467.27934		
	3350	3425	404,860	85.07114428		7237.099589		
	3425	3625	404,860	209.8506083		44037.27779		
	3625	3725	404,860	109.3071264		11948.04789		
	3725	3875	404,860	159.0572707		25299.21536		
	3875	3825	404,860	-41.29333333		1705.139378		
	3825	3375	404,860	-441.1795207		194639.3695		
	3375	3700	404,860	334.9965432		112222.684		
	3700	3600	404,860	-90.88153153		8259.452774		

Emiten	Pt-1	Pt	Dt	TR	$TR^-$	$(TR - TR^-)^2$	$\sum(TR - TR^-)^2$	SD
CPIN 2012	2500	2675	688,720	197.9573333	90.29550333	11591.06964	1466184.977	365.088405
	2675	2750	688,720	96.45545171		9303.654165		
	2750	2750	688,720	20.87030303		435.5695486		
	2750	2625	688,720	-104.129697		10842.99379		
	2625	3475	688,720	871.864127		760147.0559		
	3475	3200	688,720	-258.4839329		66813.94354		
	3200	2700	688,720	-482.0645833		232386.2625		
	2700	3025	688,720	346.2567901		119893.7647		
	3025	3125	688,720	118.9730028		14154.57538		
	3125	3425	688,720	318.3658667		101356.8251		
	3425	3650	688,720	241.7571776		58446.53293		
	3650	3350	688,720	-284.2757991		80812.72995		

Emiten	Pt-1	Pt	Dt	TR	$TR^-$	$(TR - TR^-)^2$	$\sum(TR - TR^-)^2$	SD
EKAD 2012	330	330	4,891	1.235208333	3.597592675	5.580859779	79120.63104	84.8102862
	330	360	4,891	31.23520833		975.6382396		
	360	460	4,891	101.1322743		10227.73691		
	460	320	4,891	-139.1138723		19352.66946		
	320	310	4,891	-8.726191406		76.14641646		
	310	350	4,891	41.31489919		1706.920895		
	350	350	4,891	1.164625		1.356351391		
	350	395	4,891	46.164625		2131.172601		
	395	520	4,891	126.0319462		15884.05146		
	520	520	4,891	0.783882212		0.614471322		
	520	350	4,891	-169.2161178		28634.09452		
	350	360	4,891	11.164625		124.6488514		

Emiten	Pt-1	Pt	Dt	TR	$TR^-$	$(TR - TR^-)^2$	$\sum(TR - TR^-)^2$	SD
GJTL 2012	2175	2750	41,818	576.6022222	-42.27501399	383009.0335	818569.5679	272.79189
	2750	2675	41,818	-73.73278788		5436.524008		
	2675	2575	41,818	-98.69725857		9741.148849		
	2575	2450	41,818	-123.6466667		15288.49818		
	2450	2275	41,818	-173.577619		30129.18983		
	2275	2325	41,818	51.53179487		2655.525883		
	2325	2425	41,818	101.498853		10302.01717		
	2425	2275	41,818	-148.5629553		22070.9517		
	2275	2175	41,818	-98.46820513		9695.987421		
	2175	2200	41,818	26.60222222		707.6782272		
	2200	2225	41,818	26.58401515		706.7098616		
	2225	1650	41,818	-573.4337828		328826.3032		

Emiten	Pt-1	Pt	Dt	TR	$TR^-$	$(TR - TR^-)^2$	$\sum(TR - TR^-)^2$	SD
ICBP 2012	4800	5100	985,431	317.1081771	282.401325	1204.565585	5194577.734	687.193087
	5100	4850	985,431	-233.8981863		54708.36154		
	4850	4850	985,431	16.93180412		286.6859909		
	4850	4725	985,431	-108.0681959		11678.73496		
	4725	4850	985,431	142.3797354		20271.98907		
	4850	5400	985,431	566.9318041		321411.6705		
	5400	5400	985,431	15.20726852		231.2610158		
	5400	5650	985,431	265.2072685		70334.89528		
	5650	5700	985,431	64.53438053		4164.686271		
	5700	5850	985,431	164.406886		27029.62415		
	5850	5850	985,431	14.03747863		197.0508064		
	5850	8000	985,431	2164.037479		4683058.209		

Emiten	Pt-1	Pt	Dt	TR	$TR^-$	$(TR - TR^-)^2$	$\sum(TR - TR^-)^2$	SD
INDF 2012	4800	5100	2,310,000	340.1041667	141.0510966	39622.12472	647766.1114	242.668144
	5100	4850	2,310,000	-212.254902		45052.14341		
	4850	4850	2,310,000	39.69072165		1575.353385		
	4850	4725	2,310,000	-85.30927835		7277.672973		
	4725	4850	2,310,000	165.7407407		27469.99314		
	4850	5400	2,310,000	589.6907216		347735.1472		
	5400	5400	2,310,000	35.64814815		1270.790466		
	5400	5650	2,310,000	285.6481481		81594.86454		
	5650	5700	2,310,000	84.07079646		7067.898817		
	5700	5850	2,310,000	183.7719298		33772.12219		
	5850	5850	2,310,000	32.90598291		1082.803711		
	5850	6050	2,310,000	232.9059829		54245.19687		

Emiten	Pt-1	Pt	Dt	TR	$TR^-$	$(TR - TR^-)^2$	$\sum(TR - TR^-)^2$	SD
INDS 2012	3600	3500	1,126,400	-73.92592593	-75.8997105	3.895825543	9784998.6	943.157106
	3500	4125	1,126,400	651.8190476		424868.0708		
	4125	5750	1,126,400	1647.755556		2715098.371		
	5750	5800	1,126,400	66.32463768		4398.957564		
	5800	4075	1,126,400	-1708.816092		2920052.436		
	4075	4575	1,126,400	523.0347648		273565.3652		
	4575	4150	1,126,400	-404.4826958		163606.2512		
	4150	4100	1,126,400	-27.3815261		749.7479718		
	4100	4375	1,126,400	297.8943089		88741.0193		
	4375	4050	1,126,400	-303.5447619		92139.42248		
	4050	4200	1,126,400	173.1769547		29990.25765		
	4200	2425	1,126,400	-1752.650794		3071784.804		

Emiten	Pt-1	Pt	Dt	TR	$\overline{TR}$	$(TR - \overline{TR})^2$	$\sum(TR - \overline{TR})^2$	SD
INTP 2012	16950	17450	1,078,600	505.3028515	92.13678197	170706.201	45374241.41	2030.99262
	17450	18450	1,078,600	1005.150907		1010328.347		
	18450	18050	1,078,600	-395.1282746		156126.3534		
	18050	17800	1,078,600	-245.0203139		60034.95424		
	17800	17350	1,078,600	-444.9503745		197980.8358		
	17350	21500	1,078,600	4155.180596		17265525.78		
	21500	20250	1,078,600	-1245.81938		1552065.927		
	20250	20350	1,078,600	104.4386831		10907.43853		
	20350	21400	1,078,600	1054.416871		1111794.939		
	21400	23250	1,078,600	1854.200156		3438058.218		
	23250	22450	1,078,600	-796.1340502		633829.4259		
	22450	18000	1,078,600	-4445.996288		19766882.99		

Emiten	Pt-1	Pt	Dt	TR	$\overline{TR}$	$(TR - \overline{TR})^2$	$\sum(TR - \overline{TR})^2$	SD
LTLS 2012	700	870	23	170.0027857	-0.830900097	29184.14821	40983.28018	61.0389445
	870	890	23	20.00224138		400.0896602		
	890	880	23	-9.997808989		99.95618458		
	880	810	23	-69.99778409		4899.689778		
	810	800	23	-9.997592593		99.95185765		
	800	810	23	10.0024375		100.0487559		
	810	780	23	-29.99759259		899.8555614		
	780	810	23	30.0025		900.1500063		
	810	800	23	-9.997592593		99.95185765		
	800	770	23	-29.9975625		899.8537559		
	770	740	23	-29.99746753		899.8480584		
	740	690	23	-49.99736486		2499.736493		

Emiten	Pt-1	Pt	Dt	TR	$\overline{TR}$	$(TR - \overline{TR})^2$	$\sum(TR - \overline{TR})^2$	SD
MTDL 2012	119	119	8,984	6.291316527	12.13120329	34.10427742	7902.925823	26.8038766
	119	117	8,984	4.291316527		18.41539753		
	117	166	8,984	55.3988604		3069.033733		
	166	120	8,984	-41.48995984		1721.416767		
	120	139	8,984	25.23888889		637.0015123		
	139	131	8,984	-2.613908873		6.832519596		
	131	127	8,984	1.715012723		2.941268639		
	127	136	8,984	14.89501312		221.8614159		
	136	146	8,984	15.50490196		240.4019848		
	146	161	8,984	20.12785388		405.1305019		
	161	164	8,984	7.65010352		58.52408386		
	164	198	8,984	38.56504065		1487.26236		

Emiten	Pt-1	Pt	Dt	TR	$TR^-$	$(TR - TR^-)^2$	$\sum(TR - TR^-)^2$	SD
SMGR 2012	11300	11250	1,962,700	-35.52581121	383.7269633	175772.8889	11424228.73	1019.10071
	11250	12250	1,962,700	1014.538519		1029288.406		
	12250	12150	1,962,700	-86.64829932		7507.927775		
	12150	10950	1,962,700	-1186.538409		1407873.396		
	10950	11300	1,962,700	364.9368341		133178.8929		
	11300	12950	1,962,700	1664.474189		2770474.325		
	12950	12400	1,962,700	-537.3700129		288766.5307		
	12400	14450	1,962,700	2063.190188		4256753.753		
	14450	14900	1,962,700	461.3189158		212815.1421		
	14900	14800	1,962,700	-89.02293065		7925.082181		
	14800	15850	1,962,700	1061.051239		1125829.731		
	15850	15750	1,962,700	-89.68086225		8042.657054		

Emiten	Pt-1	Pt	Dt	TR	$TR^-$	$(TR - TR^-)^2$	$\sum(TR - TR^-)^2$	SD
TCID 2012	8050	8600	74,395	550.7701311	275.6957134	75665.93531	3906891.163	595.963022
	8600	9000	74,395	400.7208786		160577.2225		
	9000	8600	74,395	-399.3111605		159449.4029		
	8600	9000	74,395	400.7208786		160577.2225		
	9000	9000	74,395	0.688839507		0.474499867		
	9000	8500	74,395	-499.3111605		249311.635		
	8500	8300	74,395	-199.2706405		39708.78817		
	8300	8250	74,395	-49.25306559		2425.86447		
	8250	9500	74,395	1250.751461		1564379.218		
	9500	9900	74,395	400.6525848		160522.4937		
	9900	11000	74,395	1100.626218		1211378.071		
	11000	11350	74,395	350.563596		122894.8348		

Emiten	Pt-1	Pt	Dt	TR	$TR^-$	$(TR - TR^-)^2$	$\sum(TR - TR^-)^2$	SD
TOTO 2012	6600	49100	99,076	42501.25096	0.697016116	1806297086	5133717011	21603.2763
	49100	49100	99,076	0.168153552		0.028275617		
	49100	41000	99,076	-8099.831846		65607275.94		
	41000	54000	99,076	13000.20137		169005235.8		
	54000	56850	99,076	2850.152895		8123371.526		
	56850	62000	99,076	5150.14523		26523995.89		
	62000	6700	99,076	-55299.86683		3058075272		
	6700	6900	99,076	201.2322895		40494.43432		
	6900	6700	99,076	-198.8034291		39522.80341		
	6700	6650	99,076	-48.76771054		2378.289591		
	6650	6650	99,076	1.241554799		1.541458319		
	6650	6600	99,076	-48.7584452		2377.385978		

Emiten	Pt-1	Pt	Dt	TR	$TR^-$	$(TR - TR^-)^2$	$\sum(TR - TR^-)^2$	SD
TURI 2012	700	700	78,120	9.3	-7.599878845	285.605905	198559.69	134.353567
	700	730	78,120	39.3		1544.49		
	730	770	78,120	48.91780822		2392.951961		
	770	800	78,120	38.45454545		1478.752066		
	800	760	78,120	-31.8625		1015.218906		
	760	800	78,120	48.56578947		2358.635907		
	800	780	78,120	-11.8625		140.7189063		
	780	840	78,120	68.34615385		4671.196746		
	840	900	78,120	67.75		4590.0625		
	900	850	78,120	-42.76666667		1828.987778		
	850	930	78,120	87.65882353		7684.069343		
	930	510	78,120	-413		170569		

Emiten	Pt-1	Pt	Dt	TR	$TR^-$	$(TR - TR^-)^2$	$\sum(TR - TR^-)^2$	SD
UNTR 2012	17050	29000	2,460,000	11962.02346	-94.77345802	145366351.9	258725531.8	4849.79411
	29000	33000	2,460,000	4007.068966		16056601.69		
	33000	29600	2,460,000	-3393.787879		11517796.17		
	29600	23100	2,460,000	-6493.074324		42160014.18		
	23100	21350	2,460,000	-1741.125541		3031518.15		
	21350	21000	2,460,000	-340.3981265		115870.8845		
	21000	20050	2,460,000	-940.2380952		884047.6757		
	20050	20700	2,460,000	660.2244389		435896.3097		
	20700	21150	2,460,000	459.9033816		211511.1204		
	21150	17050	2,460,000	-4090.307329		16730614.04		
	17050	19700	2,460,000	2662.02346		7086368.904		
	19700	15800	2,460,000	-3889.593909		15128940.77		

Emiten	Pt-1	Pt	Dt	TR	$TR^-$	$(TR - TR^-)^2$	$\sum(TR - TR^-)^2$	SD
AKRA 2013	3875	4475	251,100	605.4	23.34084915	338792.855	2670788.657	492.74635
	4475	5000	251,100	529.676		280556.641		
	5000	5150	251,100	154.185		23773.0142		
	5150	5350	251,100	204.0631		41641.7516		
	5350	5300	251,100	-46.0888		2124.17611		
	5300	4325	251,100	-971.052		942941.767		
	4325	3975	251,100	-345.162		119136.702		
	3975	4000	251,100	30.26415		915.918832		
	4000	4850	251,100	855.2313		731420.491		
	4850	4675	251,100	-170.686		29133.5628		
	4675	4375	251,100	-295.524		87334.4725		
	4375	4100	251,100	-270.217		73017.3043		



Emiten	Pt-1	Pt	Dt	TR	$\overline{TR}$	$(TR - \overline{TR})^2$	$\sum(TR - \overline{TR})^2$	SD
ASII 2013	6050	7950	8,700,000	2019.835	138.1888393	3540591.19	5035387.386	676.58147
	7950	7900	8,700,000	41.19497		1697.02543		
	7900	7350	8,700,000	-458.228		209972.761		
	7350	7050	8,700,000	-201.361		40546.0688		
	7050	7000	8,700,000	52.83688		2791.73583		
	7000	6500	8,700,000	-396.429		157155.612		
	6500	6050	8,700,000	-338.462		114556.213		
	6050	6450	8,700,000	519.8347		270228.126		
	6450	6650	8,700,000	312.4031		97595.6974		
	6650	6250	8,700,000	-290.977		84667.8727		
	6250	6800	8,700,000	666		443556		
	6800	6425	8,700,000	-268.382		72029.0874		

Emiten	Pt-1	Pt	Dt	TR	$\overline{TR}$	$(TR - \overline{TR})^2$	$\sum(TR - \overline{TR})^2$	SD
AUTO 2013	3600	3925	419,317	334.7064	-10.3510457	119064.649	1196906.97	329.86319
	3925	4025	419,317	108.9027		11859.7973		
	4025	3800	419,317	-216.318		46793.6885		
	3800	4300	419,317	509.1955		259280.106		
	4300	4075	419,317	-216.874		47034.2024		
	4075	4000	419,317	-66.425		4412.28198		
	4000	3825	419,317	-166.264		27643.7939		
	3825	4375	419,317	559.1354		312632.448		
	4375	4350	419,317	-17.013		289.442493		
	4350	3825	419,317	-516.967		267254.99		
	3825	3650	419,317	-165.865		27511.0501		
	3650	3370	419,317	-270.427		73130.5203		

Emiten	Pt-1	Pt	Dt	TR	$\overline{TR}$	$(TR - \overline{TR})^2$	$\sum(TR - \overline{TR})^2$	SD
CPIN 2013	3350	4400	754,310	1068.764	17.31760932	1105539.37	3635673.689	574.90503
	4400	5050	754,310	664.2862		441276.121		
	5050	5050	754,310	12.44736		154.936764		
	5050	4950	754,310	-87.5526		7665.46482		
	4950	5150	754,310	212.6988		45240.7887		
	5150	4300	754,310	-837.794		701899.35		
	4300	3375	754,310	-910.382		828794.638		
	3375	3400	754,310	43.62494		1903.13524		
	3400	3900	754,310	518.488		268829.796		
	3900	3400	754,310	-483.882		234142.046		
	3400	3375	754,310	-6.51201		42.4062717		
	3375	3370	754,310	13.62494		185.638943		

Emiten	Pt-1	Pt	Dt	TR	TR <sup>-</sup>	(TR - TR <sup>-</sup> ) <sup>2</sup>	Σ(TR - TR <sup>-</sup> ) <sup>2</sup>	SD
EKAD 2013	360	410	5,500	51.27315	4.408928728	2196.25506	8785.00536	28.260164
	410	460	5,500	51.11789		2613.03829		
	460	430	5,500	-29.0036		841.210158		
	430	420	5,500	-8.93411		79.8182952		
	420	395	5,500	-23.9087		571.627378		
	395	380	5,500	-13.8397		191.536257		
	380	360	5,500	-18.7939		353.209161		
	360	365	5,500	6.273148		39.3523877		
	365	405	5,500	41.25571		1702.03342		
	405	395	5,500	-8.86831		78.6469712		
	395	390	5,500	-3.83966		14.7430077		
	390	399	5,500	10.17521		103.534973		

Emiten	Pt-1	Pt	Dt	TR	TR <sup>-</sup>	(TR - TR <sup>-</sup> ) <sup>2</sup>	Σ(TR - TR <sup>-</sup> ) <sup>2</sup>	SD
GJTL 2013	1650	2200	94,090	554.752	-25.2481637	336400.19	2200754.524	447.29028
	2200	2500	94,090	303.564		92151.1021		
	2500	2900	94,090	403.1363		162518.893		
	2900	3225	94,090	327.7037		107389.731		
	3225	3200	94,090	-22.5687		509.348214		
	3200	2625	94,090	-572.55		327813.216		
	2625	1870	94,090	-752.013		565523.595		
	1870	2325	94,090	459.1929		210858.157		
	2325	2300	94,090	-21.6276		467.75364		
	2300	1800	94,090	-496.591		246602.578		
	1800	1680	94,090	-115.644		13373.5347		
	1680	1305	94,090	-370.333		137146.425		

Emiten	Pt-1	Pt	Dt	TR	TR <sup>-</sup>	(TR - TR <sup>-</sup> ) <sup>2</sup>	Σ(TR - TR <sup>-</sup> ) <sup>2</sup>	SD
ICBP 2013	8000	8500	985,431	510.2649	257.9835287	63645.8935	13806446.51	1120.3265
	8500	9600	985,431	1109.661		1231347.73		
	9600	11450	985,431	1858.554		3454223.3		
	11450	13100	985,431	1657.172		2746218.99		
	13100	12200	985,431	-893.731		798755.735		
	12200	11200	985,431	-993.269		986583.135		
	11200	10000	985,431	-1192.67		1422456.78		
	10000	10250	985,431	258.2119		66673.3982		
	10250	11200	985,431	958.0116		917786.291		
	11200	10000	985,431	-1192.67		1422456.78		
	10000	10200	985,431	208.2119		43352.2057		
	10200	11000	985,431	808.0509		652946.268		

Emiten	Pt-1	Pt	Dt	TR	$\overline{TR}$	$(TR - \overline{TR})^2$	$\sum (TR - \overline{TR})^2$	SD
INDF 2013	6050	7300	2,310,000	1281.818	82.17973844	1439132.39	2668746.259	492.55791
	7300	7450	2,310,000	176.3699		31106.3286		
	7450	7350	2,310,000	-74.1611		5499.86487		
	7350	7350	2,310,000	26.19048		685.941043		
	7350	7350	2,310,000	26.19048		685.941043		
	7350	6500	2,310,000	-823.81		678662.132		
	6500	6500	2,310,000	29.61538		877.071006		
	6500	7060	2,310,000	589.6154		347646.302		
	7060	6650	2,310,000	-382.734		146485.094		
	6650	6650	2,310,000	28.94737		837.950139		
	6650	6600	2,310,000	-21.0526		443.213296		
	6600	6700	2,310,000	129.1667		16684.0278		

Emiten	Pt-1	Pt	Dt	TR	$\overline{TR}$	$(TR - \overline{TR})^2$	$\sum (TR - \overline{TR})^2$	SD
INDS 2013	2425	4750	1,658,400	2381.99	-30.2041411	5818679.08	11871952.16	1038.8784
	4750	4500	1,658,400	-220.905		48799.1353		
	4500	4675	1,658,400	205.7111		42317.0612		
	4675	4200	1,658,400	-445.439		198415.46		
	4200	5000	1,658,400	832.9048		693730.342		
	5000	3200	1,658,400	-1772.36		3141259.97		
	3200	2425	1,658,400	-731.813		535549.535		
	2425	2800	1,658,400	431.9897		186615.093		
	2800	2750	1,658,400	-0.64286		0.41326531		
	2750	2550	1,658,400	-149.745		22423.7012		
	2550	2675	1,658,400	179.1961		32111.2345		
	2675	1550	1,658,400	-1073.34		1152051.13		

Emiten	Pt-1	Pt	Dt	TR	$\overline{TR}$	$(TR - \overline{TR})^2$	$\sum (TR - \overline{TR})^2$	SD
INTP 2013	18000	21950	1,658,400	3957.678	373.2322243	12848249.9	129899896.5	3436.4344
	21950	23300	1,658,400	1356.296		1103789.51		
	23300	26400	1,658,400	3105.931		488630.82		
	26400	23750	1,658,400	-2644.77		25519421.8		
	23750	24450	1,658,400	705.8189		2893710.77		
	24450	20850	1,658,400	-3594.35		36015093.4		
	20850	19700	1,658,400	-1143.37		12604500.2		
	19700	18000	1,658,400	-1692.98		16809137.1		
	18000	20900	1,658,400	2907.678		250768.367		
	20900	18850	1,658,400	-2043.39		19805148.4		
	18850	20000	1,658,400	1157.332		1561446.27		
	20000	22400	1,658,400	2406.91				

Emiten	Pt-1	Pt	Dt	TR	$TR^-$	$(TR - TR^-)^2$	$\sum(TR - TR^-)^2$	SD
LTLS 2013	690	760	25	70.00301	-1.24731151	5076.60896	70701.30232	80.171012
	760	800	25	40.00274		1600.21895		
	800	800	25	0.0026		0.00000676		
	800	980	25	180.0026		32400.936		
	980	840	25	-139.998		19599.4057		
	840	850	25	10.00248		100.04953		
	850	770	25	-79.9976		6399.60848		
	770	740	25	-29.9973		899.837929		
	740	730	25	-9.99719		99.9437917		
	730	690	25	-39.9972		1599.77206		
	690	720	25	30.00301		900.180879		
	720	675	25	-44.9971		2024.74001		

Emiten	Pt-1	Pt	Dt	TR	$TR^-$	$(TR - TR^-)^2$	$\sum(TR - TR^-)^2$	SD
MTDL 2013	198	184	11,230	-9.27357	12.28863734	464.928743	36840.4148	57.871656
	184	290	11,230	111.0861		12340.1107		
	290	350	11,230	63.22701		3997.65498		
	350	305	11,230	-42.3262		1791.5064		
	305	260	11,230	-41.9317		1758.26696		
	260	260	11,230	3.599359		12.955385		
	260	200	11,230	-56.4006		3181.03231		
	200	220	11,230	24.67917		609.061267		
	220	320	11,230	104.2538		10868.8523		
	320	280	11,230	-37.0755		1374.59425		
	280	285	11,230	8.342262		69.5933337		
	285	301	11,230	19.28363		371.858221		

Emiten	Pt-1	Pt	Dt	TR	$TR^-$	$(TR - TR^-)^2$	$\sum(TR - TR^-)^2$	SD
SMGR 2013	15750	17350	2,181,200	1611.541	-117.252324	2988725.46	21095533.59	1384.8378
	17350	17700	2,181,200	360.4765		129943.282		
	17700	18400	2,181,200	710.2693		504482.483		
	18400	18000	2,181,200	-390.121		152194.689		
	18000	17100	2,181,200	-889.902		791925.306		
	17100	15200	2,181,200	-1889.37		3569720.4		
	15200	12600	2,181,200	-2588.04		6697959.67		
	12600	13000	2,181,200	414.4259		171748.848		
	13000	14350	2,181,200	1363.982		1860447.04		
	14350	12800	2,181,200	-1537.33		2363393.78		
	12800	14150	2,181,200	1364.201		1861043.06		
	14150	14200	2,181,200	62.8457		3949.58211		

Emiten	Pt-1	Pt	Dt	TR	$\overline{TR}$	$(TR - \overline{TR})^2$	$\sum(TR - \overline{TR})^2$	SD
TCID 2013	11350	11500	74,395	150.5462	46.37620411	10851.3914	9396674.631	924.25275
	11500	13250	74,395	1750.539		3064387.11		
	13250	13500	74,395	250.4679		62734.1644		
	13500	11500	74,395	-1999.54		3998163.31		
	11500	10500	74,395	-999.461		998922.107		
	10500	10500	74,395	0.590434		0.34861215		
	10500	10500	74,395	0.590434		0.34861215		
	10500	10500	74,395	0.590434		0.34861215		
	10500	11000	74,395	500.5904		250590.782		
	11000	12000	74,395	1000.564		1001127.51		
	12000	11900	74,395	-99.4834		9896.94098		
	11900	11900	74,395	0.520971		0.27141084		

Emiten	Pt-1	Pt	Dt	TR	$\overline{TR}$	$(TR - \overline{TR})^2$	$\sum(TR - \overline{TR})^2$	SD
TOTO 2013	6600	7300	49,536	700.6255	100.532989	360110.967	17506342.58	1261.541
	7300	8000	49,536	700.5655		490791.991		
	8000	8450	49,536	450.516		202964.666		
	8450	8050	49,536	-399.511		159609.422		
	8050	8000	49,536	-49.4872		2448.98346		
	8000	8050	49,536	50.516		2551.86626		
	8050	8200	49,536	150.5128		22654.1015		
	8200	7700	49,536	-499.497		249496.839		
	7700	7600	49,536	-99.4639		9893.06663		
	7600	7600	49,536	0.543158		0.2950205		
	7600	7700	49,536	100.5432		10108.9266		
	7700	3700	49,536	-3999.46		15995711.5		

Emiten	Pt-1	Pt	Dt	TR	$\overline{TR}$	$(TR - \overline{TR})^2$	$\sum(TR - \overline{TR})^2$	SD
TURI 2013	510	910	128,340	420.9706	23.81859489	157729.706	252779.4783	151.5914
	910	930	128,340	31.75275		1008.23696		
	930	1010	128,340	91.5		8372.25		
	1010	960	128,340	-39.4109		1553.21834		
	960	880	128,340	-68.8594		4741.61353		
	880	750	128,340	-117.847		13887.819		
	750	510	128,340	-225.74		50958.5476		
	510	550	128,340	60.97059		3717.41263		
	550	570	128,340	39.44545		1555.94388		
	570	560	128,340	8.763158		76.7929363		
	560	530	128,340	-10.9018		118.848932		
	530	605	128,340	95.17925		9059.08873		

Emiten	Pt-1	Pt	Dt	TR	TR <sup>-</sup>	(TR - TR <sup>-</sup> ) <sup>2</sup>	Σ(TR - TR <sup>-</sup> ) <sup>2</sup>	SD
UNTR 2013	15800	19300	2,180,000	3511.498	135.4672706	11397582.7	27158415.37	1571.2883
	19300	18200	2,180,000	-1090.59		1189380.48		
	18200	17750	2,180,000	-440.018		193616.118		
	17750	16300	2,180,000	-1439.77		2072924		
	16300	18200	2,180,000	1911.145		3652475.95		
	18200	16800	2,180,000	-1390.02		1932150.92		
	16800	15800	2,180,000	-989.187		978489.947		
	15800	16300	2,180,000	511.4979		261630.092		
	16300	17500	2,180,000	1211.145		1466872.68		
	17500	18250	2,180,000	760.381		578179.193		
	18250	19000	2,180,000	759.9543		577530.596		
	19000	17300	2,180,000	-1690.44		2857582.65		

Emiten	Pt-1	Pt	Dt	TR	TR <sup>-</sup>	(TR - TR <sup>-</sup> ) <sup>2</sup>	Σ(TR - TR <sup>-</sup> ) <sup>2</sup>	SD
AKRA 2014	4100	4560	252,600	465.13415	54.17064353	168891.0006	2440654.794	471.0389672
	4560	4835	252,600	279.61623		78185.235		
	4835	4770	252,600	-60.646329		3677.977203		
	4770	4125	252,600	-640.587		410351.7073		
	4125	4330	252,600	210.10303		44143.28334		
	4330	4400	252,600	74.861432		5604.233982		
	4400	5250	252,600	854.78409		730655.8421		
	5250	5450	252,600	204.00952		41619.8858		
	5450	4925	252,600	-521.13761		271584.4134		
	4925	4650	252,600	-270.72589		73292.50661		
	4650	4120	252,600	-525.47312		276121.998		
	4120	4695	252,600	580.10922		336526.711		

Emiten	Pt-1	Pt	Dt	TR	TR <sup>-</sup>	(TR - TR <sup>-</sup> ) <sup>2</sup>	Σ(TR - TR <sup>-</sup> ) <sup>2</sup>	SD
ASII 2014	6425	6950	8,700,000	637.84047	-5620.76983	39170202.9	4879894744	21062.44988
	6950	7375	8,700,000	529.31655		280176.0067		
	7375	7425	8,700,000	148.30508		21994.39816		
	7425	7075	8,700,000	-252.3569		63684.00617		
	7075	7275	8,700,000	302.4735		91490.21713		
	7275	7725	8,700,000	549.65636		302122.1112		
	7725	7575	8,700,000	-56.148867		3152.695301		
	7575	7050	8,700,000	-429.29043		184290.2725		
	7050	6775	8,700,000	-172.16312		29640.14008		
	6775	7125	8,700,000	457.01107		208859.1182		
	7125	7425	8,700,000	401.75439		161406.5866		
	77425	7850	8,700,000	-69565.636		4839377726		

Emiten	Pt-1	Pt	Dt	TR	$TR^-$	$(TR - TR^-)^2$	$\sum(TR - TR^-)^2$	SD
AUTO 2014	3370	3605	402,448	244.95172	38.6257199	42570.41984	807386.8537	270.922138
	3605	4000	402,448	404.303		163460.9144		
	4000	4000	402,448	8.3843272		70.29694256		
	4000	3775	402,448	-216.61567		46922.3497		
	3775	3850	402,448	83.884055		7036.534735		
	3850	3900	402,448	58.710989		3446.980264		
	3900	4000	402,448	108.59931		11793.81012		
	4000	4300	402,448	308.38433		95100.89326		
	4300	3935	402,448	-357.20063		127592.2871		
	3935	3900	402,448	-26.477177		701.040898		
	3900	4200	402,448	308.59931		95233.5341		
	4200	3730	402,448	-462.01493		213457.7923		

Emiten	Pt-1	Pt	Dt	TR	$TR^-$	$(TR - TR^-)^2$	$\sum(TR - TR^-)^2$	SD
CPIN 2014	3370	4235	754,300	883.65232	64.85025634	670436.8267	1123379.803	319.5707067
	4235	3995	754,300	-225.15742		50695.86303		
	3995	3770	754,300	-209.26575		43792.15364		
	3770	3775	754,300	21.673298		469.7318447		
	3775	3770	754,300	11.651214		135.7507907		
	3770	3950	754,300	196.6733		38680.38613		
	3950	3845	754,300	-89.086498		7936.404106		
	3845	4240	754,300	411.34807		169207.2356		
	4240	4200	754,300	-25.174921		633.7766667		
	4200	4110	754,300	-75.03373		5630.060662		
	4110	3780	754,300	-314.706		99039.86746		
	3780	3955	754,300	191.62919		36721.74597		

Emiten	Pt-1	Pt	Dt	TR	$TR^-$	$(TR - TR^-)^2$	$\sum(TR - TR^-)^2$	SD
EKAD 2014	399	417	6,289	19.313487	11.29157511	64.35106783	4559.214965	20.35863669
	417	424	6,289	8.2567896		68.17457398		
	424	425	6,289	2.2360407		4.99987794		
	425	424	6,289	0.2331324		0.054350694		
	424	406	6,289	-16.763959		281.0303319		
	406	412	6,289	7.2908405		53.15635545		
	412	431	6,289	20.272042		410.9556815		
	431	459	6,289	29.215966		853.5726563		
	459	447	6,289	-10.858211		117.9007414		
	447	471	6,289	25.172441		633.6517998		
	471	515	6,289	45.112699		2035.155615		
	515	520	6,289	6.0176335		36.21191288		

Emiten	Pt-1	Pt	Dt	TR	$TR^-$	$(TR - TR^-)^2$	$\sum(TR - TR^-)^2$	SD
GJTL 2014	1305	2190	35,000	887.23499	14.68015971	761351.9382	935348.9751	291.6019976
	2190	2125	35,000	-63.668189		4053.638257		
	2125	1915	35,000	-208.62745		43525.4133		
	1915	1755	35,000	-158.47694		25114.93939		
	1755	1830	35,000	76.661918		5877.049722		
	1830	1815	35,000	-13.406193		179.7260129		
	1815	1770	35,000	-43.393021		1882.954282		
	1770	1550	35,000	-218.35217		47677.66828		
	1550	1440	35,000	-108.11828		11689.56238		
	1440	1305	35,000	-132.97454		17682.2275		
	1305	1425	35,000	122.23499		14941.39366		
	1425	1460	35,000	37.046784		1372.464177		

Emiten	Pt-1	Pt	Dt	TR	$TR^-$	$(TR - TR^-)^2$	$\sum(TR - TR^-)^2$	SD
ICBP 2014	11000	11175	1,110,000	183.40909	300.2399041	13649.43891	7753372.679	839.5546806
	11175	10100	1,110,000	-1066.7226		1137897.095		
	10100	10000	1,110,000	-90.841584		8252.193412		
	10000	10200	1,110,000	209.25		43785.5625		
	10200	10000	1,110,000	-190.93137		36454.78902		
	10000	10450	1,110,000	459.25		210910.5625		
	10450	10500	1,110,000	58.851675		3463.519608		
	10500	11350	1,110,000	858.80952		737553.7982		
	11350	11050	1,110,000	-291.85022		85176.55107		
	11050	11250	1,110,000	208.37104		43418.49061		
	11250	13100	1,110,000	1858.2222		3452989.827		
	13100	14500	1,110,000	1407.0611		1979820.851		

Emiten	Pt-1	Pt	Dt	TR	$TR^-$	$(TR - TR^-)^2$	$\sum(TR - TR^-)^2$	SD
INDF 2014	6700	7175	1,250,000	490.54726	85.90978451	163731.4896	1208405.848	331.4439275
	7175	7300	1,250,000	139.518		19465.27297		
	7300	7050	1,250,000	-235.73059		55568.91276		
	7050	6825	1,250,000	-210.22459		44194.37668		
	6825	6700	1,250,000	-109.73748		12042.31556		
	6700	7075	1,250,000	390.54726		152527.1652		
	7075	6875	1,250,000	-185.2768		34327.49122		
	6875	7000	1,250,000	140.15152		19642.4472		
	7000	6825	1,250,000	-160.11905		25638.10941		
	6825	6700	1,250,000	-109.73748		12042.31556		
	6700	6750	1,250,000	65.547264		4296.443776		
	6750	7550	1,250,000	815.4321		664929.5077		



Emiten	Pt-1	Pt	Dt	TR	$TR^-$	$(TR - TR^-)^2$	$\sum(TR - TR^-)^2$	SD
INDS 2014	1550	2700	3,312,000	1328.0645	113.6257971	1474861.402	2037738.951	430.4056175
	2700	2700	3,312,000	102.22222		10449.38272		
	2700	2725	3,312,000	127.22222		16185.49383		
	2725	2850	3,312,000	226.2844		51204.63134		
	2850	2950	3,312,000	196.84211		38746.8144		
	2950	2350	3,312,000	-506.44068		256482.1603		
	2350	2250	3,312,000	17.446809		304.3911272		
	2250	2000	3,312,000	-127.33333		16213.77778		
	2000	2100	3,312,000	238		56644		
	2100	1650	3,312,000	-318.57143		101487.7551		
	1650	1600	3,312,000	117.27273		13752.89256		
	1600	1390	3,312,000	-37.5		1406.25		

Emiten	Pt-1	Pt	Dt	TR	$TR^-$	$(TR - TR^-)^2$	$\sum(TR - TR^-)^2$	SD
INTP 2014	22400	22450	3,312,000	62.321429	61.86651954	0.206942224	27518996.02	1581.684833
	22450	23375	3,312,000	937.29399		878520.0174		
	23375	21950	3,312,000	-1413.1925		1997113.08		
	21950	22650	3,312,000	712.57403		507761.7509		
	22650	22550	3,312,000	-87.81457		7711.398623		
	22550	24950	3,312,000	2412.2395		5818899.25		
	24950	24250	3,312,000	-688.93788		474635.3966		
	24250	21550	3,312,000	-2688.6186		7228669.743		
	21550	24000	3,312,000	2462.8074		6065420.411		
	24000	24675	3,312,000	686.5		471282.25		
	24675	25000	3,312,000	336.18541		113020.6301		
	25000	23000	3,312,000	-1988.96		3955961.882		

Emiten	Pt-1	Pt	Dt	TR	$TR^-$	$(TR - TR^-)^2$	$\sum(TR - TR^-)^2$	SD
LTLS 2014	675	735	26	60.003178	12.50220675	2256.342249	1248158.31	336.8515063
	735	730	26	-4.9970816		24.97082484		
	730	775	26	45.002938		2025.264461		
	775	890	26	115.00277		13225.63659		
	890	865	26	-24.99759		624.8795002		
	865	860	26	-4.9975202		24.97520846		
	860	1140	26	280.00249		78401.39675		
	1140	1250	26	110.00188		12100.41395		
	1250	1590	26	340.00172		115601.1669		
	1590	1855	26	265.00135		70225.715		
	1855	1800	26	-54.998844		3024.872805		
	1800	825	26	-974.99881		950622.6763		

Emiten	Pt-1	Pt	Dt	TR	TR <sup>-</sup>	(TR - TR <sup>-</sup> ) <sup>2</sup>	∑(TR - TR <sup>-</sup> ) <sup>2</sup>	SD
MTDL 2014	301	307	28,075	13.772702	-21.8795414	1271.082468	21889.69924	44.60910958
	307	337	28,075	-23.057616		531.6536658		
	337	365	28,075	-21.590183		466.1359868		
	365	341	28,075	30.860948		952.3981233		
	341	339	28,075	8.9014258		79.2353806		
	339	424	28,075	-79.482115		6317.40657		
	424	525	28,075	-96.543651		9320.676509		
	525	545	28,075	-15.707187		246.7157091		
	545	595	28,075	-46.067927		2122.253914		
	595	600	28,075	-1.1006944		1.21152826		
	600	615	28,075	-11.195799		125.3459255		
	615	640	28,075	-21.344401		455.5834558		

Emiten	Pt-1	Pt	Dt	TR	TR <sup>-</sup>	(TR - TR <sup>-</sup> ) <sup>2</sup>	∑(TR - TR <sup>-</sup> ) <sup>2</sup>	SD
SMGR 2014	14200	15000	2,416,600	814.18192	44.27249629	592760.5282	8181188.066	862.4061512
	15000	15800	2,416,600	813.42556		661661.1344		
	15800	14850	2,416,600	-937.25422		878445.4718		
	14850	14725	2,416,600	-111.43883		12418.61345		
	14725	15075	2,416,600	363.67629		132260.4421		
	15075	16575	2,416,600	1513.3588		2290254.742		
	16575	16225	2,416,600	-337.85018		114142.7414		
	16225	15425	2,416,600	-787.58808		620294.9904		
	15425	15875	2,416,600	463.05565		214420.5309		
	15875	16000	2,416,600	137.68556		18957.31462		
	16000	16200	2,416,600	212.58646		45193.00227		
	16200	14575	2,416,600	-1612.5689		2600378.554		

Emiten	Pt-1	Pt	Dt	TR	TR <sup>-</sup>	(TR - TR <sup>-</sup> ) <sup>2</sup>	∑(TR - TR <sup>-</sup> ) <sup>2</sup>	SD
TCID 2014	11900	13100	74,395	1200.521	508.7310391	478573.3099	5208889.752	688.139108
	13100	13500	74,395	400.47325		160378.8228		
	13500	14500	74,395	1000.4592		1000918.664		
	14500	15700	74,395	1200.4276		1441026.316		
	15700	15950	74,395	250.39488		62697.594		
	15950	17000	74,395	1050.3887		1103316.394		
	17000	17500	74,395	500.36468		250364.8127		
	17500	17850	74,395	350.35426		122748.1077		
	17850	17950	74,395	100.34731		10069.58343		
	17950	18100	74,395	150.34538		22603.73303		
	18100	17525	74,395	-574.65748		330231.2229		
	17525	18000	74,395	475.35375		225961.1923		

Emiten	Pt-1	Pt	Dt	TR	$TR^-$	$(TR - TR^-)^2$	$\sum(TR - TR^-)^2$	SD
TOTO 20014	3700	7675	118,900	3977.6779	43.33388667	15479063.03	23171688.74	1451.384566
	7675	7700	118,900	26.290988		691.216053		
	7700	7325	118,900	-373.7132		139661.5584		
	7325	7050	118,900	-273.64733		74882.8593		
	7050	6675	118,900	-373.59456		139572.8972		
	6675	4000	118,900	-2673.5156		7147685.693		
	4000	3700	118,900	-297.52292		88519.88594		
	3700	3750	118,900	52.677928		2774.964091		
	3750	3700	118,900	-47.357778		2242.759116		
	3700	3900	118,900	202.67793		41078.34247		
	3900	3975	118,900	77.540598		6012.544383		
	3975	4195	118,900	222.49266		49502.98485		

Emiten	Pt-1	Pt	Dt	TR	$TR^-$	$(TR - TR^-)^2$	$\sum(TR - TR^-)^2$	SD
TURI 2014	605	650	78,100	55.757576	15.34307093	1633.3322	17459.87198	39.8404454
	650	675	78,100	35.012821		1225.8976		
	675	675	78,100	9.6419753		92.96768785		
	675	660	78,100	-5.3580247		28.70842859		
	660	680	78,100	29.861111		891.6859568		
	680	725	78,100	54.571078		2978.002601		
	725	695	78,100	-21.022989		441.9660457		
	695	695	78,100	9.3645084		87.69401745		
	695	620	78,100	-65.635492		4308.017758		
	620	610	78,100	0.4973118		0.247319054		
	610	605	78,100	5.6693989		32.14208397		
	605	670	78,100	75.757576		5739.210285		

Emiten	Pt-1	Pt	Dt	TR	$TR^-$	$(TR - TR^-)^2$	$\sum(TR - TR^-)^2$	SD
UNTR 2014	17300	18975	727,400	1678.5039	232.212989	2091757.265	17431816.89	1258.852901
	18975	20750	727,400	-1772.0787		3140262.972		
	20750	21700	727,400	-947.20661		897200.353		
	21700	21675	727,400	27.796617		772.6518992		
	21675	23100	727,400	-1422.3759		2023153.206		
	23100	22900	727,400	202.64702		41065.8131		
	22900	22150	727,400	752.73664		566612.4554		
	22150	19900	727,400	2253.0461		5076216.565		
	19900	18375	727,400	1528.2989		2335697.424		
	18375	18325	727,400	53.307867		2841.728707		
	18325	17350	727,400	978.49376		957450.0305		
	17350	17900	727,400	-546.61359		298786.4212		

### **Perhitungan Log Risiko Saham 2012**

Emiten	SD	Log SD
Akra	417.7021728	2.620866734
Asii	26068.31459	4.416112953
Auto	227.8976929	2.357739929
Cpin	365.0884049	2.56239804
Ekad	84.81028617	1.928448529
Gjtl	272.79189	2.435831455
Icbp	687.1930875	2.837078782
Indf	242.6681444	2.385012769
Inds	943.1571063	2.974584041
Intp	2030.992624	3.307708346
LtIs	61.03894448	1.785607015
Mtdl	26.80387662	1.42819761
Smgr	1019.100706	3.008217102
Tcid	595.9630223	2.775219314
Toto	21603.27629	4.33451962
Turi	134.3535668	2.1282492
Untr	4849.794108	3.685723302

### **Perhitungan Log Risiko Saham 2013**

Emiten	SD	Log SD
Akra	492.7463534	2.692623419
Asii	676.581473	2.830320101
Auto	329.8631907	2.518333855
Cpin	574.9050268	2.759596106
Ekad	28.26016368	1.451174673
Gjtl	447.2902783	2.650589459
Icbp	1120.326515	3.049344615
Indf	492.5579116	2.692457299
Inds	1038.878423	3.016564726
Intp	3436.434417	3.53610806
LtIs	80.17101172	1.904017364
Mtdl	57.87165643	1.762465913
Smgr	1384.837818	3.141398915
Tcid	924.2527513	2.965790752
Toto	1261.540998	3.100901369
Turi	151.5914001	2.180674564
Untr	1571.288278	3.196255871

### Perhitungan Log Risiko Saham 2014

Emiten	SD	Log SD
Akra	471.0389672	2.673056836
Asii	21062.44988	4.323508885
Auto	270.922138	2.432844494
Cpin	319.5707067	2.504566963
Ekad	20.35863669	1.308748692
Gjtl	291.6019976	2.464790495
Icbp	839.5546806	2.924048987
Indf	331.4439275	2.520410067
Inds	430.4056175	2.633877931
Intp	1581.684833	3.19911995
Ltls	336.8515063	2.527438494
Mtdl	44.60910958	1.649423555
Smgr	862.4061512	2.935711845
Tcid	688.139108	2.83767624
Toto	1451.384566	3.1617825
Turi	39.8404454	1.600324185
Untr	1258.852901	3.099974985

### Pengolahan SPSS ver 20.

#### **Descriptive Statistics**

	N	Minimum	Maximum	Mean	Std. Deviation
Return Saham Perata Laba	23	1.812990	3.745359	2.84115940	.592141196
Return Saham Bukan Perata Laba	28	1.477645	3.750605	2.66217887	.719955700
Risiko Saham Perata Laba	23	1.428198	4.416113	2.76486283	.772907679
Risiko Saham Bukan Perata Laba	28	1.308749	4.323509	2.62948543	.618129986
Valid N (listwise)	23				

**One-Sample Kolmogorov-Smirnov Test**

		Return Saham Perata Laba	Return Saham Bukan Perata Laba	Risiko Saham Perata Laba	Risiko Saham Bukan Perata Laba
N		23	28	23	28
Normal Parameters <sup>a,b</sup>	Mean	2.84115940	2.66217887	2.76486283	2.62948543
	Std. Deviation	.592141196	.719955700	.772907679	.618129986
Most Extreme Differences	Absolute	.164	.161	.113	.152
	Positive	.090	.107	.113	.116
	Negative	-.164	-.161	-.078	-.152
Kolmogorov-Smirnov Z		.785	.850	.543	.802
Asymp. Sig. (2-tailed)		.569	.465	.930	.541

a. Test distribution is Normal.

b. Calculated from data.

**Group Statistics**

		X	N	Mean	Std. Deviation	Std. Error Mean
Return Saham	Perata Laba		23	2.84115940	.592141196	.123469975
	0		28	2.66217887	.719955700	.136058838

**Independent Samples Test**

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
								Lower		Upper
Return Saham	Equal variances assumed	2.406	.127	.956	49	.344	.178980536	.187311164	-.197435341	.555396414
	Equal variances not assumed			.974	48.999	.335	.178980536	.183730352	-.190239689	.548200762

**Group Statistics**

		X	N	Mean	Std. Deviation	Std. Error Mean
Risiko Saham	Perata Laba		23	2.76486283	.772907679	.161162392
	0		28	2.62948542	.618129986	.116815587

**Independent Samples Test**

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
								Lower		Upper
Risiko Saham	Equal variances assumed	1.391	.244	.695	49	.490	.135377401	.194713860	-.255914751	.526669554
	Equal variances not assumed			.680	41.790	.500	.135377401	.199045718	-.266372850	.537127653



**SURAT KEPUTUSAN**  
**REKTOR IBI DARMAJAYA**  
**NOMOR : SK.0003/DMJ/DFBE/BAAK/I-17**  
Tentang  
**Dosen Pembimbing Skripsi**  
**Program Studi S1 Akuntansi**  
**REKTOR IBI DARMAJAYA**

- Memperhatikan : 1. Bahwa dalam rangka usaha peningkatan mutu dan peranan IBI Darmajaya dalam melaksanakan Pendidikan Nasional perlu ditingkatkan kemampuan mahasiswa dalam Skripsi.  
2. Laporan dan usulan Ketua Program Studi S1 Akuntansi.
- Menimbang : 1. Bahwa untuk mengefektifkan tenaga pengajar dalam Skripsi mahasiswa perlu ditetapkan Dosen Pembimbing Skripsi.  
2. Bahwa untuk maksud tersebut dipandang perlu menerbitkan Surat Keputusan Rektor.
- Mengingat : 1. UU No.20 Tahun 2003 Tentang Sistem Pendidikan Nasional.  
2. Peraturan Pemerintah No.60 Tahun 2010 tentang Pendidikan Sekolah Tinggi  
3. Surat Keputusan Menteri Pendidikan Nasional Republik Indonesia No.165/D/0/2008 tertanggal 20 Agustus 2008 tentang Perubahan Status STMiK-STIE Darmajaya menjadi Informatics and Business Institute (IBI) Darmajaya  
4. STATUTA IBI Darmajaya  
5. Surat Ketua Yayasan Pendidikan Alfian Husin No. IM.003/YP-AH/X-08 tentang Persetujuan Perubahan Struktur Organisasi  
6. Surat Keputusan Rektor 0383/DMJ/REK/X-08 tentang Struktur Organisasi.
- Menetapkan  
Pertama : Mengangkat nama-nama seperti tersebut dalam lampiran Surat Keputusan ini sebagai Dosen Pembimbing Skripsi mahasiswa Program Studi S1 Akuntansi.  
Kedua : Pembimbing Skripsi berkewajiban melaksanakan tugasnya sesuai dengan jadwal yang telah ditetapkan.  
Ketiga : Pembimbing Skripsi yang ditunjuk akan diberikan honorarium yang besarnya sesuai dengan ketentuan peraturan dan norma penggajian dan honorarium IBI Darmajaya.  
Keempat : Surat Keputusan ini berlaku sejak tanggal ditetapkan dan apabila dikemudian hari terdapat kekeliruan dalam keputusan ini, maka keputusan ini akan ditinjau kembali.


Ditetapkan di : Bandar Lampung  
Pada tanggal : 11 Januari 2017  
a.n. Rektor IBI Darmajaya,  
Dekan Fakultas Bisnis & Ekonomi



- Tembusan :
1. Kabiro. SDM
  2. Ketua Jurusan S1 Akuntansi
  3. Yang bersangkutan
  4. Arsip

5	Meiza Anisa Putri	1312120188	Analisis Pengaruh Kompensasi Manajemen Eksekutif Dan Corporate Social Responsibility Terhadap Kinerja Perusahaan Pada Perusahaan Non Keuangan (Studi Empiris Pada Perusahaan Non Keuangan Yang Terdaftar Di BEI Tahun 2013 - 2015)	Anik Irawati, SE, M.Sc
6	Albert Setiawan	1312120144	Analisis Faktor - Faktor Yang Mempengaruhi Audit Delay Dengan Reputasi KAP Sebagai Pemoderasi (Studi Empiris Pada Perusahaan Manufaktur Yang Terdaftar Di BEI Periode 2012 - 2015)	
7	Agitya Rachmawati Atori	1312120195	Pengaruh Pengungkapan Sustainability Report Terhadap Kinerja Keuangan Perusahaan (Studi Empiris Perbandingan Pada Perusahaan Pertambangan Dan Perusahaan Manufaktur 2012 - 2015)	Sri Maryati, SE, M.Sc
8	Yen Dian Syah	1312120172	Analisis Prediksi Kebangkrutan Dengan Menggunakan Metode Altman Z-Score Pada Perusahaan Pembiayaan Yang Terdaftar Di Bursa Efek Indonesia	Pebrina Swissia, SE, M.M
9	Muhamad Agung Pradya	1212120177	Perbandingan Return Dan Risiko Saham Manufaktur Perata Laba Dan Bukan Perata Laba Pada Era Implementasi PSAK Berbasis IFRS	Jaja Darmawan, SE, M.M
10	Eli Misniasih	1212120118	Titik Kritis Manajemen Laba Pada Perubahan Tahap Life Cycle Perusahaan (Studi Pada Perusahaan Yang Terdaftar Di BEI Tahun 2009 - 2015)	Reva Meliana, SE, M.Acc, AKI
11	Septi Diana	1312120043	Analisis Faktor - Faktor Yang Mempengaruhi Kapabilitas Anggota DPRD Dalam Pengawasan Keuangan Daerah (APBD)	Fitri Agustina, SE, M.Acc, AKI

An. Rektor IBI Darmajaya  
Dekan Fakultas Bisnis & Ekonomi

  
Dr. R.Z. Abdul Aziz, M.Ty  
NIK. 01050904





**BIRO ADMINISTRASI AKADEMIK KEMAHASISWAAN (BAAK)**

**FORM KONSULTASI/BIMBINGAN SKRIPSI/TUGAS AKHIR \*)**

N A M A : Muhamad Agung Pradya  
 N P M : 1212120177  
 PEMBIMBING I : Jaka Darmawan, SE., Ak., M. Ak., CA., CPAi  
 PEMBIMBING II :  
 JUDUL LAPORAN : Return dan risiko saham, perataan laba terhadap perusahaan manufaktur pada era konvergensi IFRS  
 TANGGAL SK : ..... s.d ..... (6+2 bulan)

No	HARI/TANGGAL	HASIL KONSULTASI	PARAF
1	Senin / 09/05/16	Janat, Skripsi, Penditikan terdahulu	
2	Jumat / 20/05/16	Lampirkan Bab 1, 2, 3, dan Pustaka.	
3	Jumat / 10/06/16	Teori Dasar, Penelitian terdahulu, kerangka, Babus, teknik Analisis data	
4	Senin / 7 nov 16	Kerangka Penelitian, Power Point	
5	Senin / 14 Nov 16	Ace proposal	
6	Jumat / 2 Des 16	Ace Bab 1, Bab 2, Bab 3 → Bab 4	
7	Jumat / 30 Des 16	Perbaikan Bab 4 Analisis data tabulasi	
8	Rabu / 1 / 2 / 17	Ace Bab 4	
9	Rabu / 1 / 2 / 17	Perbaikan Bab 5 Simpulan + saran hrs sejalan	
10	Senin / 13 / 2 / 17	Ace Bab 5 + Berkas. Laminasi	

\*) Coret yang tidak perlu

Selisa 14/2/17 Ace yg tm sign

Bandar Lampung, 16/2  
 Ketua Jurusan  
  
 (Anik Walati, SE., M.Sc)  
 NIK. 01170305

