

Lampiran 1 Data Sampel Perusahaan

NO	Kode Perusahaan	Nama Perusahaan
1	INTP	Indocement Tunggul Prakasa Tbk
2	SMGR	Semen Indonesia Tbk d.h Semen Gresik Tbk
3	AMFG	Asahimas Flat Glass Tbk
4	ARNA	Arwana Citra Mulia Tbk
5	TOTO	Surya Toto Indonesia Tbk
6	INAI	Indal Aluminium Industry Tbk
7	LION	Lion Metal Works Tbk
8	LMSH	Lionmesh Prima Tbk
9	BUDI	Budi Starch and Sweetener Tbk d.h Budi Acid Jaya Tbk
10	DPNS	Duta Pertiwi Nusantara
11	EKAD	Ekadharma International Tbk
12	INCI	Intan Wijaya International Tbk
13	SRSN	Indo Acitama Tbk
14	AKPI	Argha Karya Prima Industry Tbk
15	APLI	Asiaplast Industries Tbk
16	IGAR	Champion Pasific Indonesia Tbk d.h Kageo Igar Jaya Tbk
17	TRST	Trias Sentosa Tbk
18	CPIN	Charoen Pokphand Indonesia Tbk
19	JPFA	Japfa Comfeed Indonesia Tbk
20	ALDO	Alkindo Naratama Tbk
21	KDSI	Kedaung Setia Industrial Tbk
22	ASII	Astra International Tbk
23	AUTO	Astra Auto Part Tbk
24	INDS	Indospring Tbk
25	NIPS	Nippres Tbk
26	SMSM	Selamat Sempurna Tbk
27	RICY	Ricky Putra Globalindo Tbk
28	TRIS	Trisula International Tbk
29	UNIT	Nusantara Inti Corpora Tbk
30	BATA	Sepatu Bata Tbk
31	JECC	Jembo Cable Company Tbk
32	KBLI	KMI Wire and Cable Tbk
33	KBLM	Kabelindo Murni Tbk
34	SCCO	Supreme Cable Manufacturing and Commerce Tbk
35	AISA	Tiga Pilar Sejahtera Food Tbk
36	CEKA	Wilmar Cahaya Indonesia Tbk d.h Cahaya Kalbar Tbk
37	DLTA	Delta Djakarta Tbk
38	ICBP	Indofood CBP Sukses Makmur Tbk

39	INDF	Indofood Sukses Makmur Tbk
40	MLBI	Multi Bintang Indonesia Tbk
41	MYOR	Mayora Indah Tbk
42	ROTI	Nippon Indosari Corporindo Tbk
43	SKBM	Sekar Bumi Tbk
44	SKLT	Sekar Laut Tbk
45	STTP	Siantar Top Tbk
46	ULTJ	Ultrajaya Milk Industry and Trading Company Tbk
47	GGRM	Gudang Garam Tbk
48	HMSP	Hanjaya Mandala Sampoerna Tbk
49	WIIM	Wismilak Inti Makmur Tbk
50	DVLA	Darya Varia Laboratoria Tbk
51	KAEF	Kimia Farma Tbk
52	KLBF	Kalbe Farma Tbk
53	MERK	Merck Tbk
54	PYFA	Pyridam Farma Tbk
55	TSPC	Tempo Scan Pasific Tbk
56	ADES	Akasha Wira International Tbk d.h Ades Waters Indonesia Tbk
57	TCID	Mandom Indonesia Tbk

Lampiran 2 Data Perhitungan Variabel Profitabilitas

No	Perusahaan	Tahun	Laba Bersih (Rp)	Total Aset (Rp)	ROA (Independen)
1	INTP	2012	4,763,388,000,000	22,755,160,000,000	0.20933
		2013	5,012,294,000,000	26,607,241,000,000	0.18838
		2014	5,293,416,000,000	28,884,635,000,000	0.18326
		2015	4,356,661,000,000	27,638,360,000,000	0.15763
		2016	3,870,319,000,000	30,150,580,000,000	0.12837
2	SMGR	2012	4,926,639,847,000	26,579,083,786,000	0.18536
		2013	5,354,298,521,000	30,792,884,092,000	0.17388
		2014	5,567,659,839,000	34,331,674,737,000	0.16217
		2015	4,525,441,038,000	38,153,118,932,000	0.11861
		2016	4,535,036,823,000	44,226,895,982,000	0.10254
3	AMFG	2012	346,609,000,000	3,115,421,000,000	0.11126
		2013	338,358,000,000	3,539,393,000,000	0.09560
		2014	464,152,000,000	3,946,125,000,000	0.11762
		2015	341,346,000,000	4,270,275,000,000	0.07994
		2016	260,444,000,000	5,504,890,000,000	0.04731
4	ARNA	2012	158,684,349,130	937,359,770,277	0.16929
		2013	237,697,913,883	1,135,244,802,060	0.20938
		2014	261,879,784,046	1,259,938,133,543	0.20785
		2015	71,209,943,348	1,430,779,475,454	0.04977
		2016	91,375,910,975	1,543,216,299,146	0.05921
5	TOTO	2012	235,945,643,357	1,522,663,914,388	0.15496
		2013	236,557,513,162	1,746,177,682,568	0.13547
		2014	295,861,032,723	2,062,386,924,390	0.14346
		2015	285,236,780,659	2,439,540,859,205	0.11692
		2016	168,564,583,718	2,581,440,938,262	0.06530
6	INAI	2012	23,155,488,541	612,224,219,835	0.03782
		2013	5,019,540,731	765,881,409,376	0.00655
		2014	22,415,476,342	893,663,745,450	0.02508
		2015	28,615,673,167	1,330,259,296,537	0.02151
		2016	35,552,975,244	1,339,032,413,455	0.02655
7	LION	2012	85,373,721,654	433,497,042,140	0.19694
		2013	64,761,350,816	498,567,897,161	0.12989
		2014	48,712,977,670	605,165,911,239	0.08050
		2015	46,018,637,487	639,330,150,373	0.07198
		2016	42,345,417,055	685,812,995,987	0.06174
8	LMSH	2012	41,282,515,026	128,547,715,366	0.32115
		2013	14,382,899,194	141,697,598,705	0.10150
		2014	7,605,091,176	141,034,984,628	0.05392
		2015	1,944,443,395	133,782,751,041	0.01453
		2016	6,252,814,811	162,828,169,250	0.03840

9	BUDI	2012	5,084,000,000	2,299,672,000,000	0.00221
		2013	42,886,000,000	2,382,875,000,000	0.01800
		2014	28,524,000,000	2,476,982,000,000	0.01152
		2015	21,072,000,000	3,265,953,000,000	0.00645
		2016	36,624,000,000	2,931,807,000,000	0.01249
10	DPNS	2012	20,608,530,035	184,533,123,832	0.11168
		2013	66,813,230,321	256,372,669,050	0.26061
		2014	14,528,830,097	268,891,042,619	0.05403
		2015	9,859,176,172	274,483,110,371	0.03592
		2016	10,009,391,103	296,129,565,784	0.03380
11	EKAD	2012	36,197,747,370	273,893,467,429	0.13216
		2013	39,450,652,821	343,601,504,089	0.11482
		2014	40,985,863,205	411,726,182,748	0.09955
		2015	47,040,256,456	389,691,595,500	0.12071
		2016	90,685,821,530	702,508,630,708	0.12909
12	INCI	2012	4,443,840,864	132,278,839,079	0.03359
		2013	10,331,808,096	136,142,063,219	0.07589
		2014	11,056,884,369	147,755,842,523	0.07483
		2015	16,960,660,023	169,546,066,314	0.10004
		2016	9,988,836,259	269,351,381,344	0.03708
13	SRSN	2012	16,956,040,000	402,108,960,000	0.04217
		2013	15,994,295,000	420,782,548,000	0.03801
		2014	14,600,316,000	464,949,206,000	0.03140
		2015	15,504,788,000	574,073,314,000	0.02701
		2016	11,056,051,000	717,149,704,000	0.01542
14	AKPI	2012	31,115,755,000	1,714,834,430,000	0.01815
		2013	34,620,336,000	2,084,567,189,000	0.01661
		2014	34,659,623,000	2,227,042,590,000	0.01556
		2015	27,644,714,000	2,883,143,132,000	0.00959
		2016	52,393,857,000	2,615,909,190,000	0.02003
15	APLI	2012	4,203,700,813	333,867,300,446	0.01259
		2013	1,881,586,263	303,594,490,546	0.00620
		2014	9,691,077,438	273,126,657,794	0.03548
		2015	1,854,274,736	308,620,387,248	0.00601
		2016	25,109,482,194	314,468,690,130	0.07985
16	IGAR	2012	44,507,701,367	312,342,760,278	0.14250
		2013	35,030,416,158	314,746,644,499	0.11130
		2014	55,155,278,768	350,619,526,939	0.15731
		2015	51,416,184,307	383,936,040,590	0.13392
		2016	69,305,629,795	439,465,673,296	0.15770
17	TRST	2012	61,453,058,755	2,188,129,039,119	0.02808
		2013	32,965,552,359	3,260,919,505,192	0.01011
		2014	30,256,039,162	3,261,285,495,052	0.00928

		2015	25,314,103,403	2,257,359,499,954	0.01121
		2016	33,794,866,940	3,290,596,224,286	0.01027
18	CPIN	2012	2,680,872,000,000	12,348,627,000,000	0.21710
		2013	2,528,690,000,000	15,722,197,000,000	0.16084
		2014	1,745,724,000,000	20,841,795,000,000	0.08376
		2015	1,832,598,000,000	24,684,915,000,000	0.07424
		2016	2,225,402,000,000	24,204,994,000,000	0.09194
				2012	1,074,577,000,000
19	JPFA	2013	640,637,000,000	14,917,590,000,000	0.04295
		2014	391,866,000,000	15,758,959,000,000	0.02487
		2015	524,484,000,000	17,159,466,000,000	0.03057
		2016	2,171,608,000,000	19,251,026,000,000	0.11280
				2012	13,327,139,458
20	ALDO	2013	22,589,101,552	301,479,232,221	0.07493
		2014	21,070,935,796	346,674,687,826	0.06078
		2015	24,079,122,338	366,010,819,198	0.06579
		2016	25,229,505,223	410,330,576,602	0.06149
				2012	36,837,060,793
21	KDSI	2013	36,002,772,194	850,233,842,186	0.04234
		2014	45,687,373,251	960,332,553,887	0.04757
		2015	11,470,563,293	1,177,093,668,866	0.00974
		2016	47,127,349,067	1,142,273,020,550	0.04126
				2012	22,742,000,000,000
22	ASII	2013	22,297,000,000,000	213,994,000,000,000	0.10419
		2014	22,131,000,000,000	236,027,000,000,000	0.09376
		2015	15,613,000,000,000	245,435,000,000,000	0.06361
		2016	18,302,000,000,000	261,885,000,000,000	0.06989
				2012	1,135,914,000,000
23	AUTO	2013	1,058,015,000,000	12,617,678,000,000	0.08385
		2014	954,086,000,000	14,387,568,000,000	0.06631
		2015	322,701,000,000	14,339,110,000,000	0.02250
		2016	483,421,000,000	14,612,274,000,000	0.03308
				2012	134,068,283,255
24	INDS	2013	147,608,449,013	2,196,518,364,473	0.06720
		2014	127,819,512,585	2,282,666,078,493	0.05600
		2015	1,933,819,152	2,553,928,346,219	0.00076
		2016	49,556,367,334	2,477,272,502,538	0.02000
				2012	21,610,141,000
25	NIPS	2013	33,872,112,000	798,407,625,000	0.04242
		2014	49,741,721,000	1,206,854,400,000	0.04122
		2015	30,671,339,000	1,547,720,090,000	0.01982
		2016	65,683,137,000	1,777,956,390,000	0.03694
				2012	286,924,498,426

26	SMSM	2013	350,777,803,941	1,701,103,245,176	0.20621
		2014	422,126,000,000	1,757,634,000,000	0.24017
		2015	461,307,000,000	2,220,108,000,000	0.20779
		2016	502,192,000,000	2,254,740,000,000	0.22273
27	RICY	2012	5,256,556,182	842,498,674,322	0.00624
		2013	4,840,205,736	869,226,313,138	0.00557
		2014	15,124,699,961	1,172,012,468,004	0.01290
		2015	13,465,713,464	1,198,193,867,892	0.01124
		2016	14,033,426,519	1,288,683,925,066	0.01089
28	TRIS	2012	44,393,034,558	366,248,271,960	0.12121
		2013	48,195,237,468	449,008,821,261	0.10734
		2014	36,522,815,125	521,920,090,728	0.06998
		2015	37,448,445,764	574,346,433,075	0.06520
		2016	25,213,015,324	639,701,164,511	0.03941
29	UNIT	2012	352,726,678	379,900,742,389	0.00093
		2013	831,855,726	372,902,748,804	0.00223
		2014	352,883,734	440,522,832,644	0.00080
		2015	385,953,128	460,539,382,206	0.00084
		2016	860,775,733	432,913,180,372	0.00199
30	BATA	2012	69,343,398,000	574,107,994,000	0.12078
		2013	44,373,679,000	680,685,060,000	0.06519
		2014	71,246,429,000	774,891,087,000	0.09194
		2015	129,519,446,000	795,257,974,000	0.16286
		2016	42,231,663,000	804,742,917,000	0.05248
31	JECC	2012	31,770,770,000	708,955,186,000	0.04481
		2013	22,553,551,000	1,239,821,716,000	0.01819
		2014	23,904,334,000	1,064,129,232,000	0.02246
		2015	2,464,669,000	1,358,464,081,000	0.00181
		2016	132,423,161,000	1,587,210,576,000	0.08343
32	KBLI	2012	125,181,635,828	1,161,698,219,225	0.10776
		2013	73,530,280,777	1,337,022,291,951	0.05500
		2014	72,026,856,790	1,340,881,252,563	0.05372
		2015	115,371,098,970	1,551,799,840,976	0.07435
		2016	334,338,838,592	1,871,422,416,044	0.17865
33	KBLM	2012	23,833,078,478	722,941,339,245	0.03297
		2013	7,678,095,359	654,296,256,935	0.01173
		2014	20,498,841,379	647,249,655,440	0.03167
		2015	12,760,365,612	654,385,717,061	0.01950
		2016	21,245,022,916	639,091,366,917	0.03324
34	SCCO	2012	169,741,648,691	1,486,921,371,360	0.11416
		2013	104,962,314,423	1,762,032,300,123	0.05957
		2014	137,618,900,727	1,656,007,190,010	0.08310
		2015	159,119,646,125	1,773,144,328,632	0.08974

		2016	340,593,630,534	2,449,935,491,586	0.13902
35	AISA	2012	253,664,000,000	3,867,576,000,000	0.06559
		2013	346,728,000,000	5,020,824,000,000	0.06906
		2014	377,911,000,000	7,377,868,000,000	0.05122
		2015	373,750,000,000	9,060,979,000,000	0.04125
		2016	719,228,000,000	9,254,539,000,000	0.07772
36	CEKA	2012	58,344,237,476	1,027,692,718,504	0.05677
		2013	65,068,958,558	1,069,627,299,747	0.06083
		2014	41,001,414,954	1,284,150,037,341	0.03193
		2015	106,549,446,980	1,485,826,210,015	0.07171
		2016	249,697,013,626	1,425,964,152,418	0.17511
37	DLTA	2012	213,421,077,000	745,306,835,000	0.28635
		2013	270,498,062,000	867,040,802,000	0.31198
		2014	288,499,375,000	997,443,167,000	0.28924
		2015	192,045,199,000	1,038,321,916,000	0.18496
		2016	254,509,268,000	1,197,796,650,000	0.21248
38	ICBP	2012	2,282,371,000,000	17,819,884,000,000	0.12808
		2013	2,235,040,000,000	21,267,470,000,000	0.10509
		2014	2,574,172,000,000	25,029,488,000,000	0.10285
		2015	2,923,148,000,000	26,560,624,000,000	0.11006
		2016	3,631,301,000,000	28,901,948,000,000	0.12564
39	INDF	2012	4,779,446,000,000	59,389,405,000,000	0.08048
		2013	3,416,635,000,000	78,092,789,000,000	0.04375
		2014	5,229,489,000,000	86,077,251,000,000	0.06075
		2015	3,709,501,000,000	91,831,526,000,000	0.04039
		2016	5,266,906,000,000	82,174,515,000,000	0.06409
40	MLBI	2012	453,405,000,000	1,152,048,000,000	0.39356
		2013	1,171,229,000,000	1,782,148,000,000	0.65720
		2014	794,883,000,000	2,231,051,000,000	0.35628
		2015	496,909,000,000	2,100,853,000,000	0.23653
		2016	982,129,000,000	2,275,038,000,000	0.43170
41	MYOR	2012	744,428,404,309	8,302,506,241,903	0.08966
		2013	1,058,418,939,252	9,709,838,250,473	0.10900
		2014	409,618,689,484	10,297,997,020,540	0.03978
		2015	1,250,233,128,560	11,342,715,686,221	0.11022
		2016	1,388,676,127,665	12,922,421,859,142	0.10746
42	ROTI	2012	149,149,548,025	1,204,944,681,223	0.12378
		2013	158,015,270,921	1,822,689,047,108	0.08669
		2014	188,648,345,876	2,142,894,276,216	0.08803
		2015	270,538,700,440	2,706,323,637,034	0.09997
		2016	279,777,368,831	2,919,640,858,718	0.09583
		2012	12,703,059,881	288,961,557,631	0.04396
		2013	58,266,986,268	497,652,557,672	0.11708

43	SKBM	2014	90,094,363,594	652,976,510,619	0.13797
		2015	40,150,568,620	764,484,248,710	0.05252
		2016	22,545,456,050	1,001,657,012,004	0.02251
44	SKLT	2012	7,962,693,771	249,746,467,756	0.03188
		2013	11,440,014,188	301,989,488,699	0.03788
		2014	16,855,973,113	336,932,338,819	0.05003
		2015	20,066,791,849	377,110,748,359	0.05321
		2016	20,646,121,074	568,239,939,951	0.03633
45	STTP	2012	74,626,183,474	1,249,840,835,890	0.05971
		2013	114,437,068,803	1,470,059,394,892	0.07785
		2014	123,635,526,965	1,700,204,093,895	0.07272
		2015	185,705,201,171	1,919,568,037,170	0.09674
		2016	174,176,717,866	2,336,411,494,941	0.07455
46	ULTJ	2012	353,431,619,485	2,420,793,382,029	0.14600
		2013	325,127,420,664	2,811,620,982,142	0.11564
		2014	283,061,430,451	2,918,133,278,435	0.09700
		2015	523,100,215,029	3,539,995,910,248	0.14777
		2016	709,825,635,742	4,239,199,641,365	0.16744
47	GGRM	2012	4,068,711,000,000	41,509,325,000,000	0.09802
		2013	4,383,932,000,000	50,770,251,000,000	0.08635
		2014	5,432,667,000,000	58,234,278,000,000	0.09329
		2015	6,452,834,000,000	63,505,413,000,000	0.10161
		2016	6,672,682,000,000	62,951,634,000,000	0.10600
48	HMSP	2012	9,945,296,000,000	26,247,527,000,000	0.37890
		2013	10,818,486,000,000	27,404,594,000,000	0.39477
		2014	10,181,083,000,000	28,380,630,000,000	0.35873
		2015	10,363,308,000,000	38,010,724,000,000	0.27264
		2016	12,762,229,000,000	42,508,277,000,000	0.30023
49	WIIM	2012	77,301,783,553	1,207,251,153,900	0.06403
		2013	132,322,207,861	1,229,011,260,881	0.10767
		2014	112,673,763,260	1,334,544,790,387	0.08443
		2015	131,081,111,587	1,342,700,045,391	0.09763
		2016	106,290,306,868	1,353,634,132,275	0.07852
50	DVLA	2012	148,909,089,000	1,074,691,476,000	0.13856
		2013	125,796,473,000	1,190,054,288,000	0.10571
		2014	81,597,761,000	1,241,239,780,000	0.06574
		2015	107,894,430,000	1,376,278,237,000	0.07840
		2016	152,083,400,000	1,531,365,558,000	0.09931
51	KAEF	2012	205,763,997,378	2,076,347,580,785	0.09910
		2013	215,642,329,977	2,471,939,548,890	0.08724
		2014	257,836,015,297	3,012,778,637,568	0.08558
		2015	252,972,506,074	3,236,224,076,311	0.07817
		2016	271,597,947,663	4,612,562,541,064	0.05888

52	KLBF	2012	1,775,098,847,932	9,417,957,180,958	0.18848
		2013	1,970,452,449,686	11,315,061,275,026	0.17414
		2014	2,122,677,647,816	12,439,267,396,015	0.17064
		2015	2,057,694,281,873	13,696,417,381,439	0.15024
		2016	2,350,884,933,551	15,226,009,210,657	0.15440
53	MERK	2012	107,808,155,000	569,430,951,000	0.18933
		2013	175,444,757,000	696,946,318,000	0.25173
		2014	182,147,224,000	711,055,830,000	0.25616
		2015	142,545,462,000	641,646,818,000	0.22216
		2016	153,842,847,000	743,934,894,000	0.20680
54	PYFA	2012	5,308,221,363	135,849,510,061	0.03907
		2013	6,195,800,338	175,118,921,406	0.03538
		2014	2,661,022,001	172,557,400,461	0.01542
		2015	3,087,104,465	159,951,537,229	0.01930
		2016	5,146,317,041	167,062,795,608	0.03080
55	TSPC	2012	635,176,093,653	4,632,984,970,719	0.13710
		2013	638,535,108,795	5,407,957,915,805	0.11807
		2014	585,790,816,012	5,609,556,653,195	0.10443
		2015	529,218,651,807	6,284,729,099,203	0.08421
		2016	545,493,536,262	6,585,807,349,438	0.08283
56	ADES	2012	83,376,000,000	389,094,000,000	0.21428
		2013	55,656,000,000	441,064,000,000	0.12619
		2014	31,072,000,000	502,990,000,000	0.06177
		2015	32,839,000,000	653,224,000,000	0.05027
		2016	55,951,000,000	767,479,000,000	0.07290
57	TCID	2012	150,373,851,969	1,261,572,952,461	0.11920
		2013	160,148,465,833	1,465,952,460,752	0.10925
		2014	175,828,646,432	1,863,679,837,324	0.09434
		2015	544,474,278,014	2,082,096,848,703	0.26150
		2016	162,059,596,347	2,185,101,038,101	0.07417

Lampiran 3 Data Perhitungan Variabel Ukuran Perusahaan

No	Perusahaan	Tahun	Total Aset (Rp)	Ln
1	INTP	2012	22,755,160,000,000	30.75581
		2013	26,607,241,000,000	30.91220
		2014	28,884,635,000,000	30.99433
		2015	27,638,360,000,000	30.95023
		2016	30,150,580,000,000	31.03723
2	SMGR	2012	26,579,083,786,000	30.91115
		2013	30,792,884,092,000	31.05830
		2014	34,331,674,737,000	31.16709
		2015	38,153,118,932,000	31.27263
		2016	44,226,895,982,000	31.42035
3	AMFG	2012	3,115,421,000,000	28.76739
		2013	3,539,393,000,000	28.89498
		2014	3,946,125,000,000	29.00376
		2015	4,270,275,000,000	29.08270
		2016	5,504,890,000,000	29.33666
4	ARNA	2012	937,359,770,277	27.56633
		2013	1,135,244,802,060	27.75787
		2014	1,259,938,133,543	27.86208
		2015	1,430,779,475,454	27.98924
		2016	1,543,216,299,146	28.06489
5	TOTO	2012	1,522,663,914,388	28.05148
		2013	1,746,177,682,568	28.18845
		2014	2,062,386,924,390	28.35489
		2015	2,439,540,859,205	28.52283
		2016	2,581,440,938,262	28.57937
6	INAI	2012	612,224,219,835	27.14036
		2013	765,881,409,376	27.36429
		2014	893,663,745,450	27.51860
		2015	1,330,259,296,537	27.91639
		2016	1,339,032,413,455	27.92297
7	LION	2012	433,497,042,140	26.79515
		2013	498,567,897,161	26.93501
		2014	605,165,911,239	27.12877
		2015	639,330,150,373	27.18369
		2016	685,812,995,987	27.25387
8	LMSH	2012	128,547,715,366	25.57957
		2013	141,697,598,705	25.67696
		2014	141,034,984,628	25.67227
		2015	133,782,751,041	25.61948
		2016	162,828,169,250	25.81596
		2012	2,299,672,000,000	28.46379
		2013	2,382,875,000,000	28.49933

9	BUDI	2014	2,476,982,000,000	28.53806
		2015	3,265,953,000,000	28.81457
		2016	2,931,807,000,000	28.70664
10	DPNS	2012	184,533,123,832	25.94109
		2013	256,372,669,050	26.26990
		2014	268,891,042,619	26.31757
		2015	274,483,110,371	26.33816
		2016	296,129,565,784	26.41406
11	EKAD	2012	273,893,467,429	26.33601
		2013	343,601,504,089	26.56275
		2014	411,726,182,748	26.74362
		2015	389,691,595,500	26.68862
		2016	702,508,630,708	27.27792
12	INCI	2012	132,278,839,079	25.60818
		2013	136,142,063,219	25.63696
		2014	147,755,842,523	25.71883
		2015	169,546,066,314	25.85639
		2016	269,351,381,344	26.31928
13	SRSN	2012	402,108,960,000	26.71999
		2013	420,782,548,000	26.76538
		2014	464,949,206,000	26.86519
		2015	574,073,314,000	27.07602
		2016	717,149,704,000	27.29855
14	AKPI	2012	1,714,834,430,000	28.17034
		2013	2,084,567,189,000	28.36558
		2014	2,227,042,590,000	28.43170
		2015	2,883,143,132,000	28.68990
		2016	2,615,909,190,000	28.59263
15	APLI	2012	333,867,300,446	26.53401
		2013	303,594,490,546	26.43896
		2014	273,126,657,794	26.33320
		2015	308,620,387,248	26.45538
		2016	314,468,690,130	26.47415
16	IGAR	2012	312,342,760,278	26.46737
		2013	314,746,644,499	26.47503
		2014	350,619,526,939	26.58297
		2015	383,936,040,590	26.67374
		2016	439,465,673,296	26.80883
17	TRST	2012	2,188,129,039,119	28.41407
		2013	3,260,919,505,192	28.81303
		2014	3,261,285,495,052	28.81314
		2015	2,257,359,499,954	28.44522
		2016	3,290,596,224,286	28.82209
		2012	12,348,627,000,000	30.14457

18	CPIN	2013	15,722,197,000,000	30.38609
		2014	20,841,795,000,000	30.66798
		2015	24,684,915,000,000	30.83721
		2016	24,204,994,000,000	30.81758
19	JPFA	2012	10,961,464,000,000	30.02541
		2013	14,917,590,000,000	30.33356
		2014	15,758,959,000,000	30.38843
		2015	17,159,466,000,000	30.47357
		2016	19,251,026,000,000	30.58859
20	ALDO	2012	216,293,168,908	26.09990
		2013	301,479,232,221	26.43197
		2014	346,674,687,826	26.57165
		2015	366,010,819,198	26.62593
		2016	410,330,576,602	26.74023
21	KDSI	2012	570,564,051,755	27.06989
		2013	850,233,842,186	27.46878
		2014	960,332,553,887	27.59055
		2015	1,177,093,668,866	27.79407
		2016	1,142,273,020,550	27.76404
22	ASII	2012	182,274,000,000,000	32.83653
		2013	213,994,000,000,000	32.99697
		2014	236,027,000,000,000	33.09497
		2015	245,435,000,000,000	33.13405
		2016	261,885,000,000,000	33.19893
23	AUTO	2012	8,881,642,000,000	29.81501
		2013	12,617,678,000,000	30.16612
		2014	14,387,568,000,000	30.29739
		2015	14,339,110,000,000	30.29401
		2016	14,612,274,000,000	30.31288
24	INDS	2012	1,664,779,358,215	28.14071
		2013	2,196,518,364,473	28.41789
		2014	2,282,666,078,493	28.45637
		2015	2,553,928,346,219	28.56865
		2016	2,477,272,502,538	28.53818
25	NIPS	2012	524,693,874,000	26.98608
		2013	798,407,625,000	27.40589
		2014	1,206,854,400,000	27.81904
		2015	1,547,720,090,000	28.06780
		2016	1,777,956,390,000	28.20649
26	SMSM	2012	1,556,214,342,213	28.07328
		2013	1,701,103,245,176	28.16230
		2014	1,757,634,000,000	28.19499
		2015	2,220,108,000,000	28.42858
		2016	2,254,740,000,000	28.44406

27	RICY	2012	842,498,674,322	27.45964
		2013	869,226,313,138	27.49087
		2014	1,172,012,468,004	27.78974
		2015	1,198,193,867,892	27.81184
		2016	1,288,683,925,066	27.88464
28	TRIS	2012	366,248,271,960	26.62658
		2013	449,008,821,261	26.83031
		2014	521,920,090,728	26.98078
		2015	574,346,433,075	27.07650
		2016	639,701,164,511	27.18427
29	UNIT	2012	379,900,742,389	26.66318
		2013	372,902,748,804	26.64458
		2014	440,522,832,644	26.81123
		2015	460,539,382,206	26.85566
		2016	432,913,180,372	26.79380
30	BATA	2012	574,107,994,000	27.07608
		2013	680,685,060,000	27.24637
		2014	774,891,087,000	27.37599
		2015	795,257,974,000	27.40193
		2016	804,742,917,000	27.41379
31	JECC	2012	708,955,186,000	27.28706
		2013	1,239,821,716,000	27.84599
		2014	1,064,129,232,000	27.69318
		2015	1,358,464,081,000	27.93738
		2016	1,587,210,576,000	28.09300
32	KBLI	2012	1,161,698,219,225	27.78090
		2013	1,337,022,291,951	27.92147
		2014	1,340,881,252,563	27.92435
		2015	1,551,799,840,976	28.07044
		2016	1,871,422,416,044	28.25772
33	KBLM	2012	722,941,339,245	27.30659
		2013	654,296,256,935	27.20683
		2014	647,249,655,440	27.19600
		2015	654,385,717,061	27.20696
		2016	639,091,366,917	27.18331
34	SCCO	2012	1,486,921,371,360	28.02773
		2013	1,762,032,300,123	28.19749
		2014	1,656,007,190,010	28.13543
		2015	1,773,144,328,632	28.20378
		2016	2,449,935,491,586	28.52708
35	AISA	2012	3,867,576,000,000	28.98365
		2013	5,020,824,000,000	29.24462
		2014	7,377,868,000,000	29.62951
		2015	9,060,979,000,000	29.83500

		2016	9,254,539,000,000	29.85614
36	CEKA	2012	1,027,692,718,504	27.65834
		2013	1,069,627,299,747	27.69833
		2014	1,284,150,037,341	27.88112
		2015	1,485,826,210,015	28.02699
		2016	1,425,964,152,418	27.98587
		37	DLTA	2012
2013	867,040,802,000			27.48835
2014	997,443,167,000			27.62846
2015	1,038,321,916,000			27.66863
2016	1,197,796,650,000			27.81150
38	ICBP	2012	17,819,884,000,000	30.51134
		2013	21,267,470,000,000	30.68820
		2014	25,029,488,000,000	30.85108
		2015	26,560,624,000,000	30.91045
		2016	28,901,948,000,000	30.99493
39	INDF	2012	59,389,405,000,000	31.71514
		2013	78,092,789,000,000	31.98892
		2014	86,077,251,000,000	32.08627
		2015	91,831,526,000,000	32.15098
		2016	82,174,515,000,000	32.03987
40	MLBI	2012	1,152,048,000,000	27.77256
		2013	1,782,148,000,000	28.20884
		2014	2,231,051,000,000	28.43349
		2015	2,100,853,000,000	28.37336
		2016	2,275,038,000,000	28.45302
41	MYOR	2012	8,302,506,241,903	29.74758
		2013	9,709,838,250,473	29.90416
		2014	10,297,997,020,540	29.96297
		2015	11,342,715,686,221	30.05960
		2016	12,922,421,859,142	30.18999
42	ROTI	2012	1,204,944,681,223	27.81745
		2013	1,822,689,047,108	28.23133
		2014	2,142,894,276,216	28.39318
		2015	2,706,323,637,034	28.62661
		2016	2,919,640,858,718	28.70248
43	SKBM	2012	288,961,557,631	26.38956
		2013	497,652,557,672	26.93317
		2014	652,976,510,619	27.20481
		2015	764,484,248,710	27.36247
		2016	1,001,657,012,004	27.63268
44	SKLT	2012	249,746,467,756	26.24371
		2013	301,989,488,699	26.43366
		2014	336,932,338,819	26.54315

		2015	377,110,748,359	26.65580
		2016	568,239,939,951	27.06581
45	STTP	2012	1,249,840,835,890	27.85404
		2013	1,470,059,394,892	28.01632
		2014	1,700,204,093,895	28.16177
		2015	1,919,568,037,170	28.28312
		2016	2,336,411,494,941	28.47964
		46	ULTJ	2012
2013	2,811,620,982,142			28.66478
2014	2,918,133,278,435			28.70197
2015	3,539,995,910,248			28.89515
2016	4,239,199,641,365			29.07540
47	GGRM	2012	41,509,325,000,000	31.35694
		2013	50,770,251,000,000	31.55833
		2014	58,234,278,000,000	31.69550
		2015	63,505,413,000,000	31.78215
		2016	62,951,634,000,000	31.77339
48	HMSP	2012	26,247,527,000,000	30.89859
		2013	27,404,594,000,000	30.94173
		2014	28,380,630,000,000	30.97673
		2015	38,010,724,000,000	31.26889
		2016	42,508,277,000,000	31.38072
49	WIIM	2012	1,207,251,153,900	27.81937
		2013	1,229,011,260,881	27.83723
		2014	1,334,544,790,387	27.91961
		2015	1,342,700,045,391	27.92570
		2016	1,353,634,132,275	27.93381
50	DVLA	2012	1,074,691,476,000	27.70305
		2013	1,190,054,288,000	27.80502
		2014	1,241,239,780,000	27.84713
		2015	1,376,278,237,000	27.95040
		2016	1,531,365,558,000	28.05718
51	KAEF	2012	2,076,347,580,785	28.36163
		2013	2,471,939,548,890	28.53602
		2014	3,012,778,637,568	28.73388
		2015	3,236,224,076,311	28.80543
		2016	4,612,562,541,064	29.15980
52	KLBF	2012	9,417,957,180,958	29.87364
		2013	11,315,061,275,026	30.05716
		2014	12,439,267,396,015	30.15188
		2015	13,696,417,381,439	30.24816
		2016	15,226,009,210,657	30.35403
53	MERK	2012	569,430,951,000	27.06790
		2013	696,946,318,000	27.26997
		2014	711,055,830,000	27.29002
		2015	641,646,818,000	27.18730

		2016	743,934,894,000	27.33522
54	PYFA	2012	135,849,510,061	25.63481
		2013	175,118,921,406	25.88873
		2014	172,557,400,461	25.87400
		2015	159,951,537,229	25.79814
		2016	167,062,795,608	25.84164
				2012
55	TSPC	2013	5,407,957,915,805	29.31889
		2014	5,609,556,653,195	29.35549
		2015	6,284,729,099,203	29.46914
		2016	6,585,807,349,438	29.51594
				2012
56	ADES	2013	441,064,000,000	26.81246
		2014	502,990,000,000	26.94384
		2015	653,224,000,000	27.20519
		2016	767,479,000,000	27.36638
				2012
57	TCID	2013	1,465,952,460,752	28.01353
		2014	1,863,679,837,324	28.25357
		2015	2,082,096,848,703	28.36440
		2016	2,185,101,038,101	28.41268

Lampiran 4 Data Perhitungan Variabel Likuiditas

No	Perusahaan	Tahun	Aktiva Lancar	Hutang Lancar	CR
1	INTP	2012	14,579,400,000,000	2,418,762,000,000	6.02763
		2013	16,846,248,000,000	2,740,089,000,000	6.14807
		2014	16,087,370,000,000	3,260,559,000,000	4.93393
		2015	13,133,854,000,000	2,587,743,000,000	5.07541
		2016	14,424,622,000,000	3,187,742,000,000	4.52503
2	SMGR	2012	8,231,297,105,000	4,825,204,637,000	1.70590
		2013	9,972,110,370,000	5,297,630,537,000	1.88237
		2014	11,648,544,675,000	5,271,929,548,000	2.20954
		2015	10,538,703,910,000	6,599,189,622,000	1.59697
		2016	10,373,158,827,000	8,151,673,428,000	1.27252
3	AMFG	2012	1,658,468,000,000	426,669,000,000	3.88701
		2013	1,980,116,000,000	473,960,000,000	4.17781
		2014	2,263,728,000,000	398,238,000,000	5.68436
		2015	2,231,181,000,000	479,376,000,000	4.65434
		2016	1,787,723,000,000	885,086,000,000	2.01983
4	ARNA	2012	323,837,015,729	277,678,054,056	1.16623
		2013	405,105,632,599	311,780,561,616	1.29933
		2014	507,458,459,958	315,672,948,473	1.60754
		2015	509,178,006,986	498,857,920,866	1.02069
		2016	642,892,045,913	476,631,150,852	1.34883
5	TOTO	2012	966,806,112,377	448,767,622,942	2.15436
		2013	1,089,793,514,557	496,494,829,421	2.19497
		2014	1,115,004,308,039	528,814,814,904	2.10850
		2015	1,348,062,605,364	560,119,357,447	2.40674
		2016	1,290,208,433,386	589,149,809,544	2.18995
6	INAI	2012	428,198,233,994	214,820,869,351	1.99328
		2013	543,234,334,813	439,441,122,554	1.23619
		2014	644,378,101,805	595,335,758,497	1.08238
		2015	995,465,955,552	952,130,242,797	1.04551
		2016	974,282,450,341	971,422,099,001	1.00294
7	LION	2012	394,802,917,573	42,249,381,295	9.34458
		2013	428,821,050,227	63,728,680,126	6.72886
		2014	487,363,953,548	132,155,047,281	3.68782
		2015	508,345,199,844	133,693,524,978	3.80232
		2016	542,813,854,009	152,533,565,561	3.55865
8	LMSH	2012	101,832,924,451	25,036,281,503	4.06741
		2013	115,485,009,525	27,518,969,110	4.19656
		2014	103,238,666,138	19,357,303,490	5.33332
		2015	89,126,109,044	11,018,274,023	8.08894
		2016	98,274,709,046	35,476,763,264	2.77011
		2012	1,010,594,000,000	907,065,000,000	1.11414
		2013	1,094,079,000,000	1,016,562,000,000	1.07625

9	BUDI	2014	988,526,000,000	945,117,000,000	1.04593
		2015	1,492,365,000,000	1,491,109,000,000	1.00084
		2016	1,092,360,000,000	1,090,816,000,000	1.00142
10	DPNS	2012	107,455,824,614	12,506,012,328	8.59233
		2013	167,103,003,126	16,424,251,535	10.17416
		2014	183,045,202,210	14,384,941,579	12.72478
		2015	185,099,466,179	13,865,122,841	13.35001
		2016	174,907,377,454	11,533,925,524	15.16460
11	EKAD	2012	180,370,886,413	74,814,329,851	2.41091
		2013	229,041,255,054	98,355,431,960	2.32871
		2014	296,439,331,922	127,248,837,925	2.32960
		2015	284,055,202,739	79,594,446,891	3.56878
		2016	337,644,083,636	69,110,450,442	4.88557
12	INCI	2012	96,740,984,835	12,546,019,891	7.71089
		2013	84,716,525,404	6,107,335,794	13.87127
		2014	86,975,126,394	6,761,434,983	12.86341
		2015	107,268,622,816	11,084,537,386	9.67732
		2016	118,743,367,562	20,420,038,273	5.81504
13	SRSN	2012	306,887,345,000	111,511,056,000	2.75208
		2013	294,789,185,000	89,839,668,000	3.28128
		2014	335,892,150,000	116,994,521,000	2.87101
		2015	440,739,212,000	203,379,900,000	2.16707
		2016	481,542,567,000	276,341,289,000	1.74256
14	AKPI	2012	792,097,723,000	563,998,914,000	1.40443
		2013	943,606,169,000	694,269,154,000	1.35914
		2014	920,128,174,000	812,876,508,000	1.13194
		2015	1,015,820,277,000	985,625,515,000	1.03064
		2016	870,146,141,000	770,887,902,000	1.12876
15	APLI	2012	140,079,343,003	97,499,476,226	1.43672
		2013	126,905,701,667	68,941,583,137	1.84077
		2014	89,509,388,915	31,090,308,805	2.87901
		2015	81,119,626,942	68,835,516,891	1.17846
		2016	71,131,579,000	47,573,871,564	1.49518
16	IGAR	2012	265,069,749,187	60,746,702,955	4.36352
		2013	262,716,285,534	77,516,948,155	3.38915
		2014	302,146,092,589	73,319,694,813	4.12094
		2015	309,534,956,646	62,393,966,974	4.96098
		2016	363,004,314,204	62,350,881,953	5.82196
17	TRST	2012	838,465,235,358	643,329,849,780	1.30332
		2013	1,194,457,109,014	1,045,073,685,266	1.14294
		2014	1,182,292,914,595	955,175,792,503	1.23778
		2015	1,137,766,718,031	869,536,723,928	1.30847
		2016	1,179,999,891,768	909,779,313,844	1.29702
		2012	7,180,890,000,000	2,167,652,000,000	3.31275

18	CPIN	2013	8,824,900,000,000	2,327,048,000,000	3.79232
		2014	10,009,670,000,000	4,467,242,000,000	2.24068
		2015	12,013,294,000,000	5,703,842,000,000	2.10618
		2016	12,059,433,000,000	5,550,257,000,000	2.17277
19	JPFA	2012	6,429,500,000,000	3,523,891,000,000	1.82455
		2013	9,004,667,000,000	4,361,546,000,000	2.06456
		2014	8,709,318,000,000	4,916,448,000,000	1.77147
		2015	9,604,154,000,000	5,352,670,000,000	1.79427
		2016	11,061,008,000,000	5,193,549,000,000	2.12976
20	ALDO	2012	133,060,260,045	102,348,279,288	1.30007
		2013	195,585,658,856	150,482,940,928	1.29972
		2014	240,651,118,780	184,602,687,438	1.30362
		2015	247,659,994,988	184,214,469,035	1.34441
		2016	298,258,060,232	201,756,667,857	1.47831
21	KDSI	2012	369,492,031,597	232,231,315,524	1.59105
		2013	490,442,425,485	339,511,722,996	1.44455
		2014	556,324,706,587	406,688,594,384	1.36794
		2015	731,258,691,057	632,245,408,415	1.15661
		2016	709,583,883,699	575,996,641,235	1.23192
22	ASII	2012	75,799,000,000,000	54,178,000,000,000	1.39907
		2013	88,352,000,000,000	71,139,000,000,000	1.24196
		2014	97,241,000,000,000	115,840,000,000,000	0.83944
		2015	105,161,000,000,000	118,902,000,000,000	0.88443
		2016	110,403,000,000,000	89,079,000,000,000	1.23938
23	AUTO	2012	3,205,631,000,000	2,751,766,000,000	1.16494
		2013	5,029,517,000,000	2,661,312,000,000	1.88986
		2014	5,138,080,000,000	3,857,809,000,000	1.33186
		2015	4,796,770,000,000	3,625,907,000,000	1.32292
		2016	4,903,902,000,000	3,258,146,000,000	1.50512
24	INDS	2012	877,635,915,018	371,743,866,089	2.36086
		2013	1,086,590,779,051	281,799,219,289	3.85590
		2014	975,954,232,621	335,123,443,361	2.91222
		2015	992,929,224,058	445,006,853,182	2.23127
		2016	981,694,103,645	323,699,362,103	3.03273
25	NIPS	2012	308,486,312,000	278,822,186,000	1.10639
		2013	534,840,333,000	508,836,644,000	1.05110
		2014	671,452,284,000	518,954,801,000	1.29386
		2015	701,282,705,000	669,595,797,000	1.04732
		2016	825,372,776,000	677,524,406,000	1.21822
26	SMSM	2012	986,324,235,891	480,851,511,068	2.05120
		2013	1,097,152,037,422	523,047,319,216	2.09762
		2014	1,133,730,000,000	536,800,000,000	2.11202
		2015	1,368,558,000,000	571,712,000,000	2.39379
		2016	1,454,387,000,000	508,482,000,000	2.86025

27	RICY	2012	601,056,426,926	266,783,974,109	2.25297
		2013	627,793,686,555	298,985,392,467	2.09975
		2014	845,372,465,085	636,410,615,756	1.32834
		2015	851,477,572,604	718,198,051,081	1.18557
		2016	943,936,823,539	821,755,111,705	1.14868
28	TRIS	2012	286,526,762,458	114,554,270,248	2.50123
		2013	344,826,483,524	149,727,675,228	2.30302
		2014	387,852,596,236	191,709,343,326	2.02313
		2015	428,277,334,914	226,897,001,062	1.88754
		2016	462,578,104,758	281,765,921,952	1.64171
29	UNIT	2012	79,421,010,563	135,917,282,415	0.58433
		2013	86,216,186,724	213,861,401,763	0.40314
		2014	87,589,595,022	194,344,206,162	0.45069
		2015	127,287,422,486	213,482,744,909	0.59624
		2016	119,703,443,513	184,553,791,533	0.64861
30	BATA	2012	357,373,694,000	168,267,966,000	2.12384
		2013	435,578,754,000	2,573,377,144,000	0.16926
		2014	490,875,888,000	316,233,635,000	1.55226
		2015	521,210,881,000	210,931,517,000	2.47100
		2016	539,900,133,000	207,734,690,000	2.59899
31	JECC	2012	614,693,235,000	531,671,545,000	1.15615
		2013	1,029,276,933,000	1,052,583,258,000	0.97786
		2014	873,185,261,000	846,116,408,000	1.03199
		2015	927,492,569,000	883,284,008,000	1.05005
		2016	1,131,735,197,000	992,544,784,000	1.14024
32	KBLI	2012	751,099,870,070	244,597,427,319	3.07076
		2013	917,080,806,097	359,617,439,291	2.55016
		2014	851,745,555,700	256,060,417,655	3.32635
		2015	961,562,673,606	337,673,717,786	2.84761
		2016	1,223,453,184,817	358,715,994,083	3.41065
33	KBLM	2012	430,524,213,124	441,527,159,100	0.97508
		2013	352,670,946,095	368,703,142,721	0.95652
		2014	356,301,386,185	342,253,230,813	1.04105
		2015	362,277,745,626	342,643,691,341	1.05730
		2016	394,738,153,988	303,264,273,023	1.30163
34	SCCO	2012	1,197,203,155,764	818,847,218,587	1.46206
		2013	1,454,622,022,241	1,043,362,648,524	1.39417
		2014	1,293,776,722,303	826,026,927,582	1.56626
		2015	1,380,917,436,620	819,137,955,839	1.68582
		2016	2,019,188,845,621	1,195,158,412,670	1.68947
35	AISA	2012	1,544,940,000,000	1,216,997,000,000	1.26947
		2013	2,445,504,000,000	1,397,224,000,000	1.75026
		2014	3,977,086,000,000	1,493,308,000,000	2.66327
		2015	4,463,635,000,000	2,750,456,000,000	1.62287
		2016	5,949,164,000,000	2,504,330,000,000	2.37555

36	CEKA	2012	560,259,611,424	545,466,774,883	1.02712
		2013	847,045,774,616	518,961,631,842	1.63219
		2014	1,053,321,371,198	718,681,070,349	1.46563
		2015	1,253,019,074,345	816,471,301,252	1.53468
		2016	1,103,865,252,070	504,208,767,076	2.18930
37	DLTA	2012	631,333,221,000	119,919,552,000	5.26464
		2013	748,111,003,000	158,990,741,000	4.70537
		2014	858,313,129,000	195,089,619,000	4.39958
		2015	902,006,833,000	140,419,495,000	6.42366
		2016	1,048,133,697,000	137,842,096,000	7.60387
38	ICBP	2012	9,922,662,000,000	3,648,069,000,000	2.71998
		2013	11,321,715,000,000	4,696,583,000,000	2.41063
		2014	13,621,918,000,000	6,208,146,000,000	2.19420
		2015	13,961,500,000,000	6,002,344,000,000	2.32601
		2016	15,571,362,000,000	6,469,785,000,000	2.40678
39	INDF	2012	26,235,990,000,000	12,805,200,000,000	2.04885
		2013	32,464,497,000,000	19,471,309,000,000	1.66730
		2014	41,014,127,000,000	22,658,835,000,000	1.81007
		2015	42,816,745,000,000	25,107,538,000,000	1.70533
		2016	28,985,443,000,000	19,219,441,000,000	1.50813
40	MLBI	2012	462,471,000,000	796,679,000,000	0.58050
		2013	706,252,000,000	722,542,000,000	0.97745
		2014	816,494,000,000	1,588,801,000,000	0.51391
		2015	709,955,000,000	1,215,227,000,000	0.58422
		2016	901,258,000,000	1,326,261,000,000	0.67955
41	MYOR	2012	5,313,599,558,516	1,924,434,119,144	2.76112
		2013	6,430,065,428,871	2,631,646,469,682	2.44336
		2014	6,508,766,623,440	3,114,337,601,361	2.08994
		2015	7,454,347,029,087	3,151,495,162,694	2.36534
		2016	8,739,782,750,141	3,884,051,319,005	2.25017
42	ROTI	2012	219,818,034,145	195,455,567,772	1.12464
		2013	363,881,019,917	320,197,405,822	1.13643
		2014	420,316,388,535	307,608,669,233	1.36640
		2015	812,990,646,097	395,920,006,814	2.05342
		2016	949,414,338,057	3,205,018,824,382	0.29623
43	SKBM	2012	166,483,464,715	133,675,980,125	1.24543
		2013	338,468,880,290	271,139,784,806	1.24832
		2014	379,496,707,512	256,923,179,534	1.47708
		2015	334,920,076,111	298,417,379,502	1.12232
		2016	519,269,756,899	468,979,800,633	1.10723
44	SKLT	2012	125,666,621,792	88,824,705,832	1.41477
		2013	155,108,112,066	125,712,112,019	1.23384
		2014	167,419,411,740	141,425,302,224	1.18380
		2015	189,758,915,421	159,132,842,277	1.19246
		2016	222,686,872,602	169,302,583,936	1.31532
		2012	569,839,536,195	571,296,021,580	0.99745

45	STTP	2013	684,263,795,106	598,988,885,897	1.14236
		2014	799,430,399,430	538,631,479,995	1.48419
		2015	875,469,433,776	554,491,047,968	1.57887
		2016	921,133,961,428	556,752,312,634	1.65448
46	ULTJ	2012	1,196,426,603,843	592,822,529,143	2.01819
		2013	1,565,510,655,138	633,794,053,008	2.47006
		2014	1,642,101,746,819	490,967,089,226	3.34463
		2015	2,103,565,054,627	561,628,179,393	3.74548
		2016	2,874,821,874,013	593,525,591,694	4.84364
47	GGRM	2012	29,954,021,000,000	13,802,317,000,000	2.17022
		2013	34,604,461,000,000	20,094,580,000,000	1.72208
		2014	38,532,600,000,000	23,783,134,000,000	1.62016
		2015	42,568,431,000,000	24,045,086,000,000	1.77036
		2016	41,933,173,000,000	21,635,565,000,000	1.93789
48	HMSP	2012	21,128,313,000,000	11,897,977,000,000	1.77579
		2013	21,247,830,000,000	12,123,790,000,000	1.75257
		2014	20,777,514,000,000	13,600,230,000,000	1.52773
		2015	29,807,330,000,000	4,538,674,000,000	6.56741
		2016	33,647,496,000,000	6,428,478,000,000	5.23413
49	WIIM	2012	1,049,445,256,688	508,892,082,591	2.06222
		2013	993,885,657,065	409,006,110,315	2.43000
		2014	999,717,333,649	439,445,908,771	2.27495
		2015	988,814,005,395	341,705,551,602	2.89376
		2016	996,925,071,640	293,711,761,060	3.39423
50	DVLA	2012	826,342,540,000	191,717,606,000	4.31021
		2013	913,983,962,000	215,473,310,000	4.24175
		2014	925,293,721,000	188,297,347,000	4.91400
		2015	1,043,830,034,000	296,298,118,000	3.52290
		2016	1,068,967,094,000	374,427,510,000	2.85494
51	KAEF	2012	1,505,798,399,164	537,184,235,226	2.80313
		2013	1,810,614,614,537	746,123,148,554	2.42670
		2014	2,040,430,857,906	854,811,681,426	2.38699
		2015	2,100,921,793,619	1,088,431,346,892	1.93023
		2016	2,906,737,458,288	1,696,208,867,581	1.71367
52	KLBF	2012	6,441,710,544,081	1,891,617,853,724	3.40540
		2013	7,497,319,451,543	2,648,590,023,748	2.83068
		2014	8,120,805,370,192	2,385,920,172,489	3.40364
		2015	8,748,491,608,702	2,365,880,490,863	3.69777
		2016	9,572,529,767,897	2,317,161,787,100	4.13114
53	MERK	2012	463,883,090,000	119,827,938,000	3.87124
		2013	588,237,590,000	147,818,253,000	3.97947
		2014	595,338,719,000	129,820,145,000	4.58587
		2015	483,679,971,000	132,435,895,000	3.65218
		2016	508,615,377,000	120,622,129,000	4.21660
54	PYFA	2012	68,587,818,688	28,419,830,374	2.41338
		2013	74,973,759,491	48,785,877,103	1.53679
		2014	78,077,523,686	47,994,726,116	1.62679
		2015	72,745,997,374	36,534,059,349	1.99118

		2016	83,106,443,468	37,933,579,448	2.19084
55	TSPC	2012	3,393,778,315,450	1,097,134,545,306	3.09331
		2013	3,991,115,858,814	1,347,465,965,403	2.96194
		2014	3,714,700,991,066	1,237,332,206,210	3.00219
		2015	4,304,922,144,352	1,696,486,657,073	2.53755
		2016	4,385,083,916,291	1,653,413,220,121	2.65214
56	ADES	2012	191,489,000,000	98,624,000,000	1.94161
		2013	196,755,000,000	108,730,000,000	1.80957
		2014	239,021,000,000	156,902,000,000	1.52338
		2015	276,323,000,000	199,364,000,000	1.38602
		2016	319,614,000,000	195,466,000,000	1.63514
57	TCID	2012	768,615,499,251	99,477,347,026	7.72654
		2013	726,505,280,778	203,320,578,032	3.57320
		2014	874,017,297,803	486,053,837,459	1.79819
		2015	1,112,672,539,416	222,930,621,643	4.99112
		2016	1,174,482,404,487	223,305,151,868	5.25954

Lampiran 5 Data Perhitungan Variabel Struktur Modal

No	Perusahaan	Tahun	Total Hutang	Total Ekuitas	DER
1	INTP	2012	3,336,422,000,000	19,418,738,000,000	0.17181
		2013	3,629,554,000,000	22,977,687,000,000	0.15796
		2014	4,307,622,000,000	24,577,013,000,000	0.17527
		2015	3,772,410,000,000	23,865,950,000,000	0.15807
		2016	4,011,877,000,000	26,138,703,000,000	0.15348
2	SMGR	2012	8,414,229,138,000	18,164,854,648,000	0.46321
		2013	8,988,908,217,000	21,803,975,875,000	0.41226
		2014	9,326,744,733,000	25,004,930,004,000	0.37300
		2015	10,712,320,531,000	27,440,798,401,000	0.39038
		2016	13,652,504,525,000	30,574,391,457,000	0.44653
3	AMFG	2012	658,332,000,000	2,457,089,000,000	0.26793
		2013	778,666,000,000	2,760,727,000,000	0.28205
		2014	844,685,000,000	3,101,440,000,000	0.27235
		2015	880,052,000,000	3,390,223,000,000	0.25959
		2016	1,905,626,000,000	3,599,264,000,000	0.52945
4	ARNA	2012	332,551,590,871	604,808,179,406	0.54985
		2013	366,754,918,531	768,489,883,529	0.47724
		2014	349,995,874,987	909,942,258,556	0.38464
		2015	536,050,998,398	894,728,477,056	0.59912
		2016	595,128,097,887	948,088,201,259	0.62771
5	TOTO	2012	624,499,013,875	898,164,900,513	0.69531
		2013	710,527,268,893	1,035,650,413,675	0.68607
		2014	936,489,293,896	1,125,897,630,494	0.83177
		2015	947,997,940,099	1,491,542,919,106	0.63558
		2016	1,057,566,418,720	1,523,874,519,542	0.69400
6	INAI	2012	483,005,957,440	129,218,262,395	3.73791
		2013	639,563,606,250	126,317,803,126	5.06313
		2014	771,921,558,950	121,742,186,500	6.34063
		2015	1,090,438,393,880	239,820,902,657	4.54689
		2016	1,081,015,810,782	258,016,602,673	4.18971
7	LION	2012	61,667,655,113	371,829,387,027	0.16585
		2013	82,783,559,318	415,784,337,843	0.19910
		2014	179,232,241,844	425,933,669,395	0.42080
		2015	184,730,654,202	454,804,831,746	0.40618
		2016	215,209,902,816	470,603,093,171	0.45731
8	LMSH	2012	31,022,520,184	97,525,195,182	0.31810
		2013	31,229,504,329	110,468,094,376	0.28270
		2014	28,441,933,937	112,593,050,691	0.25261
		2015	21,341,373,897	112,441,377,144	0.18980
		2016	45,511,700,128	117,316,469,122	0.38794
		2012	1,445,537,000,000	2,299,672,000,000	0.62858
		2013	1,497,754,000,000	2,382,875,000,000	0.62855

9	BUDI	2014	1,568,051,000,000	2,476,982,000,000	0.63305
		2015	2,160,702,000,000	3,265,953,000,000	0.66158
		2016	1,766,825,000,000	1,164,982,000,000	1.51661
10	DPNS	2012	28,939,822,487	155,593,301,345	0.18600
		2013	32,944,704,261	223,427,964,789	0.14745
		2014	32,849,679,334	236,041,363,276	0.13917
		2015	33,187,031,327	241,296,079,044	0.13754
		2016	32,865,162,199	263,264,403,585	0.12484
11	EKAD	2012	81,915,660,390	191,977,807,039	0.42669
		2013	105,893,942,734	237,707,561,355	0.44548
		2014	143,820,128,736	267,906,054,012	0.53683
		2015	97,730,178,889	291,961,416,611	0.33474
		2016	110,503,822,983	592,004,807,725	0.18666
12	INCI	2012	16,518,960,939	115,759,878,140	0.14270
		2013	10,050,376,983	126,091,686,236	0.07971
		2014	11,328,447,922	136,427,394,601	0.08304
		2015	15,494,757,317	154,051,308,997	0.10058
		2016	26,524,918,593	242,826,462,751	0.10923
13	SRSN	2012	132,904,817,000	269,204,143,000	0.49370
		2013	106,406,914,000	314,375,634,000	0.33847
		2014	140,918,993,000	324,030,213,000	0.43489
		2015	233,993,478,000	340,079,836,000	0.68805
		2016	315,096,071,000	402,053,633,000	0.78372
14	AKPI	2012	871,567,714,000	843,266,716,000	1.03356
		2013	1,055,230,963,000	1,029,336,226,000	1.02516
		2014	1,195,437,301,000	1,031,605,289,000	1.15881
		2015	1,775,577,239,000	1,107,565,893,000	1.60313
		2016	1,495,874,021,000	1,120,035,169,000	1.33556
15	APLI	2012	115,231,507,057	218,635,793,389	0.52705
		2013	85,871,301,621	217,723,188,925	0.39441
		2014	48,553,666,580	224,572,991,214	0.21620
		2015	87,059,306,497	221,561,080,751	0.39294
		2016	67,967,245,679	246,501,444,451	0.27573
16	IGAR	2012	70,313,908,037	242,028,852,241	0.29052
		2013	89,003,869,709	225,742,774,790	0.39427
		2014	92,945,504,329	257,674,022,610	0.36071
		2015	73,471,782,127	310,464,258,463	0.23665
		2016	65,716,637,766	373,749,035,530	0.17583
17	TRST	2012	835,136,579,731	1,352,992,459,388	0.61725
		2013	1,551,242,364,818	1,709,677,140,374	0.90733
		2014	1,504,845,098,173	1,756,440,396,879	0.85676
		2015	1,400,438,809,900	1,956,920,690,054	0.71563
		2016	1,358,241,040,272	1,932,355,184,014	0.70289
		2012	4,172,163,000,000	8,176,464,000,000	0.51026

18	CPIN	2013	5,771,297,000,000	9,950,900,000,000	0.57998
		2014	9,836,577,000,000	11,005,218,000,000	0.89381
		2015	12,123,488,000,000	12,561,427,000,000	0.96514
		2016	10,047,751,000,000	14,157,243,000,000	0.70973
19	JPFA	2012	6,198,137,000,000	4,763,327,000,000	1.30122
		2013	9,672,368,000,000	5,245,222,000,000	1.84403
		2014	10,579,414,000,000	5,179,545,000,000	2.04254
		2015	11,049,774,000,000	6,109,692,000,000	1.80856
		2016	9,878,062,000,000	9,372,964,000,000	1.05389
20	ALDO	2012	108,756,811,468	107,536,357,440	1.01135
		2013	161,595,933,059	139,883,299,162	1.15522
		2014	197,870,888,906	148,803,798,920	1.32974
		2015	195,081,792,385	170,929,026,813	1.14130
		2016	209,442,676,180	200,887,900,422	1.04258
21	KDSI	2012	254,557,936,376	316,006,115,379	0.80555
		2013	498,224,954,613	352,008,887,573	1.41538
		2014	588,299,859,463	372,032,694,424	1.58131
		2015	798,172,379,792	378,921,289,074	2.10643
		2016	722,488,734,446	419,784,286,104	1.72110
22	ASII	2012	92,460,000,000,000	89,814,000,000,000	1.02946
		2013	107,806,000,000,000	106,188,000,000,000	1.01524
		2014	115,840,000,000,000	120,187,000,000,000	0.96383
		2015	118,902,000,000,000	126,533,000,000,000	0.93969
		2016	121,949,000,000,000	139,906,000,000,000	0.87165
23	AUTO	2012	3,396,543,000,000	5,485,099,000,000	0.61923
		2013	3,058,924,000,000	9,558,754,000,000	0.32001
		2014	4,244,862,000,000	10,142,706,000,000	0.41851
		2015	4,195,684,000,000	10,143,426,000,000	0.41364
		2016	4,075,716,000,000	10,536,558,000,000	0.38682
24	INDS	2012	528,206,496,386	1,136,572,861,829	0.46474
		2013	443,652,749,965	1,752,865,614,508	0.25310
		2014	459,998,606,660	1,822,667,471,833	0.25238
		2015	634,889,428,231	1,919,038,917,988	0.33084
		2016	409,208,624,907	2,068,063,877,631	0.19787
25	NIPS	2012	322,620,214,000	202,073,660,000	1.59655
		2013	562,461,853,000	235,945,772,000	2.38386
		2014	624,632,294,000	938,717,411,000	0.66541
		2015	938,717,411,000	609,002,679,000	1.54140
		2016	935,375,496,000	842,580,894,000	1.11013
26	SMSM	2012	646,095,282,949	910,119,059,264	0.70990
		2013	694,304,234,869	1,006,799,010,307	0.68962
		2014	635,514,000,000	1,122,120,000,000	0.56635
		2015	779,860,000,000	1,440,248,000,000	0.54148
		2016	674,685,000,000	1,580,055,000,000	0.42700

27	RICY	2012	475,541,284,698	366,957,389,624	1.29590
		2013	497,223,323,456	372,002,989,683	1.33661
		2014	781,749,249,068	390,263,218,936	2.00313
		2015	798,114,824,380	400,079,043,512	1.99489
		2016	876,184,855,001	412,499,070,065	2.12409
28	TRIS	2012	123,691,800,811	242,556,471,149	0.50995
		2013	166,702,353,369	282,306,467,893	0.59050
		2014	213,369,013,290	308,551,077,438	0.69152
		2015	245,138,356,170	329,208,076,905	0.74463
		2016	293,073,984,034	346,627,180,477	0.84550
29	UNIT	2012	139,475,335,813	240,425,406,576	0.58012
		2013	217,861,673,225	241,257,262,302	0.90303
		2014	198,280,335,744	242,242,496,901	0.81852
		2015	217,565,067,467	242,974,314,739	0.89542
		2016	188,891,359,540	244,021,820,832	0.77408
30	BATA	2012	186,619,508,000	387,488,486,000	0.48161
		2013	283,831,895,000	396,853,165,000	0.71521
		2014	349,293,491,000	425,597,596,000	0.82071
		2015	248,070,766,000	547,187,208,000	0.45336
		2016	247,587,638,000	557,155,279,000	0.44438
31	JECC	2012	566,079,393,000	142,875,793,000	3.96204
		2013	1,092,161,372,000	147,660,344,000	7.39644
		2014	891,120,969,000	171,355,054,000	5.20044
		2015	990,707,822,000	367,756,259,000	2.69393
		2016	1,116,872,234,000	470,338,342,000	2.37461
32	KBLI	2012	316,557,195,204	845,141,024,021	0.37456
		2013	450,372,591,220	886,649,700,731	0.50795
		2014	414,243,649,312	926,637,603,251	0.44704
		2015	524,437,909,934	1,027,361,931,042	0.51047
		2016	550,076,575,595	1,321,345,840,449	0.41630
33	KBLM	2012	458,195,274,791	264,746,064,454	1.73070
		2013	384,632,097,122	269,664,159,813	1.42634
		2014	356,961,782,297	290,287,873,143	1.22968
		2015	357,910,337,055	296,475,380,006	1.20722
		2016	318,436,089,653	320,655,277,264	0.99308
34	SCCO	2012	832,876,706,628	654,044,664,731	1.27342
		2013	1,054,421,170,969	707,611,129,154	1.49011
		2014	846,052,863,354	809,954,326,656	1.04457
		2015	850,791,824,810	922,352,503,822	0.92242
		2016	1,229,514,818,362	1,220,420,673,224	1.00745
35	AISA	2012	1,834,123,000,000	3,867,576,000,000	0.47423
		2013	2,664,051,000,000	5,020,824,000,000	0.53060
		2014	3,787,932,000,000	3,585,936,000,000	1.05633
		2015	5,094,072,000,000	3,966,907,000,000	1.28414

		2016	4,990,139,000,000	4,264,400,000,000	1.17019
36	CEKA	2012	564,289,732,196	463,402,986,308	1.21771
		2013	541,352,365,829	528,274,933,918	1.02475
		2014	746,598,865,219	537,551,172,122	1.38889
		2015	845,932,695,663	639,893,514,352	1.32199
		2016	538,044,038,690	887,920,113,728	0.60596
37	DLTA	2012	147,095,322,000	598,211,513,000	0.24589
		2013	190,482,809,000	676,557,993,000	0.28155
		2014	237,047,063,000	760,396,104,000	0.31174
		2015	188,700,435,000	849,621,481,000	0.22210
		2016	185,422,642,000	1,012,374,008,000	0.18316
38	ICBP	2012	5,835,523,000,000	11,984,361,000,000	0.48693
		2013	8,001,739,000,000	13,265,731,000,000	0.60319
		2014	10,445,187,000,000	14,584,301,000,000	0.71619
		2015	10,173,713,000,000	16,386,911,000,000	0.62084
		2016	10,401,125,000,000	18,500,823,000,000	0.56220
39	INDF	2012	25,249,168,000,000	34,140,237,000,000	0.73957
		2013	39,719,660,000,000	38,373,129,000,000	1.03509
		2014	45,803,053,000,000	40,274,198,000,000	1.13728
		2015	48,709,933,000,000	43,121,593,000,000	1.12959
		2016	38,233,092,000,000	43,941,423,000,000	0.87009
40	MLBI	2012	795,195,000,000	329,853,000,000	2.41076
		2013	794,615,000,000	987,533,000,000	0.80465
		2014	1,677,254,000,000	553,797,000,000	3.02864
		2015	1,334,373,000,000	766,480,000,000	1.74091
		2016	1,454,398,000,000	820,640,000,000	1.77227
41	MYOR	2012	5,234,655,914,665	3,067,850,327,238	1.70629
		2013	5,771,077,430,823	3,938,760,819,650	1.46520
		2014	6,220,960,735,713	4,077,036,284,827	1.52585
		2015	6,148,255,759,034	5,194,459,927,187	1.18362
		2016	6,657,165,872,077	6,265,255,987,065	1.06255
42	ROTI	2012	538,337,083,673	666,607,597,550	0.80758
		2013	1,035,351,397,437	787,337,649,671	1.31500
		2014	1,189,311,196,709	935,583,079,507	1.27120
		2015	1,517,788,685,162	1,188,534,951,872	1.27702
		2016	1,476,889,086,692	1,442,751,772,026	1.02366
43	SKBM	2012	161,281,794,388	127,679,763,243	1.26317
		2013	296,528,343,162	201,124,214,511	1.47435
		2014	345,361,448,340	307,615,062,279	1.12271
		2015	420,396,809,051	344,087,439,659	1.22177
		2016	633,267,725,358	368,389,286,646	1.71902
44	SKLT	2012	120,263,906,808	129,482,560,948	0.92880
		2013	162,339,135,063	139,650,353,636	1.16247
		2014	199,636,573,747	137,295,765,073	1.45406

		2015	225,066,080,248	152,044,668,111	1.48026
		2016	272,088,644,079	296,151,295,872	0.91875
45	STTP	2012	670,149,495,580	579,691,340,310	1.15605
		2013	775,930,985,779	694,128,409,113	1.11785
		2014	884,693,224,635	815,510,869,260	1.08483
		2015	910,758,598,913	1,008,809,438,257	0.90281
		2016	1,167,899,357,271	1,168,512,137,670	0.99948
		46	ULTJ	2012	744,274,268,607
2013	796,474,448,056			2,015,146,534,086	0.39524
2014	644,827,122,017			2,273,306,156,418	0.28365
2015	742,490,216,326			2,797,505,693,922	0.26541
2016	749,966,146,582			3,489,233,494,783	0.21494
47	GGRM	2012	14,903,612,000,000	26,605,713,000,000	0.56017
		2013	21,353,980,000,000	29,416,271,000,000	0.72592
		2014	25,497,504,000,000	38,007,909,000,000	0.67085
		2015	25,497,504,000,000	38,007,909,000,000	0.67085
		2016	23,387,406,000,000	39,564,228,000,000	0.59113
48	HMSP	2012	12,939,107,000,000	13,308,420,000,000	0.97225
		2013	13,249,559,000,000	14,155,035,000,000	0.93603
		2014	14,882,516,000,000	13,498,114,000,000	1.10256
		2015	5,994,664,000,000	32,016,060,000,000	0.18724
		2016	8,333,263,000,000	34,175,014,000,000	0.24384
49	WIIM	2012	550,946,790,179	656,304,363,721	0.83947
		2013	447,651,956,356	781,359,304,525	0.57291
		2014	488,154,387,359	846,390,403,028	0.57675
		2015	398,991,064,485	943,708,980,906	0.42279
		2016	362,540,740,471	991,093,391,804	0.36580
50	DVLA	2012	233,144,997,000	841,546,479,000	0.27704
		2013	275,351,336,000	914,702,952,000	0.30103
		2014	293,785,055,000	947,454,725,000	0.31008
		2015	402,760,903,000	973,517,334,000	0.41372
		2016	451,785,946,000	1,079,579,612,000	0.41848
51	KAEF	2012	634,813,891,119	1,441,533,689,666	0.44037
		2013	847,584,859,909	1,624,354,688,981	0.52180
		2014	1,291,699,778,059	1,721,078,859,509	0.75052
		2015	1,374,127,253,841	1,862,096,822,470	0.73795
		2016	2,341,155,131,870	2,271,407,409,194	1.03071
52	KLBF	2012	2,046,313,566,061	7,371,643,614,897	0.27759
		2013	2,815,103,309,451	8,499,957,965,575	0.33119
		2014	2,675,166,377,592	9,764,101,018,423	0.27398
		2015	2,758,131,396,170	10,938,285,985,269	0.25215
		2016	2,762,162,069,572	12,463,847,141,085	0.22161
53	MERK	2012	152,689,086,000	416,741,865,000	0.36639
		2013	184,727,696,000	512,218,622,000	0.36064
		2014	166,811,511,000	544,244,319,000	0.30650
		2015	168,103,536,000	473,543,282,000	0.35499

		2016	161,262,425,000	582,672,469,000	0.27676
54	PYFA	2012	48,144,037,183	87,705,472,878	0.54893
		2013	81,217,648,190	93,901,273,216	0.86493
		2014	75,460,789,155	97,096,611,306	0.77717
		2015	58,729,478,032	101,222,059,197	0.58020
		2016	61,554,005,181	105,508,790,427	0.58340
55	TSPC	2012	1,279,828,890,909	3,353,156,079,810	0.38168
		2013	1,545,006,061,565	3,862,951,854,240	0.39995
		2014	1,527,428,955,386	4,082,127,697,809	0.37417
		2015	1,947,588,124,083	4,337,140,975,120	0.44905
		2016	1,950,534,206,746	4,635,273,142,692	0.42080
56	ADES	2012	179,972,000,000	209,122,000,000	0.86061
		2013	176,286,000,000	264,778,000,000	0.66579
		2014	210,845,000,000	292,145,000,000	0.72171
		2015	324,855,000,000	328,369,000,000	0.98930
		2016	383,091,000,000	348,388,000,000	1.09961
57	TCID	2012	164,751,376,547	1,096,821,575,914	0.15021
		2013	282,961,770,795	1,182,990,689,957	0.23919
		2014	611,508,876,121	1,252,170,961,203	0.48836
		2015	367,225,370,670	1,714,871,478,033	0.21414
		2016	401,942,530,776	1,783,158,507,325	0.22541

Lampiran 6 Data Perhitungan Variabel Nilai Perusahaan

No	Perusahaan	Tahun	Closing Price	Total Ekuitas	Jumlah Saham yang beredar	Nilai Buku/lmbr saham	PBV
1	INTP	2012	22,650.00	19,418,738,000,000	3,681,231,699	5,275.06541	4.29379
		2013	20,000.00	22,977,687,000,000	3,681,231,699	6,241.84753	3.20418
		2014	25,000.00	24,577,013,000,000	3,681,231,699	6,676.30158	3.74459
		2015	22,325.00	23,865,950,000,000	3,681,231,699	6,483.14259	3.44355
		2016	15,400.00	26,138,703,000,000	3,681,231,699	7,100.53187	2.16885
2	SMGR	2012	15,700.00	18,164,854,648,000	5,931,520,000	3,062.42829	5.12665
		2013	14,150.00	21,803,975,875,000	5,931,520,000	3,675.95083	3.84934
		2014	16,200.00	25,004,930,004,000	5,931,520,000	4,215.60241	3.84287
		2015	11,400.00	27,440,798,401,000	5,931,520,000	4,626.26753	2.46419
		2016	9,175.00	30,574,391,457,000	5,931,520,000	5,154.56265	1.77998
3	AMFG	2012	8,300.00	2,457,089,000,000	434,000,000	5,661.49539	1.46604
		2013	7,000.00	2,760,727,000,000	434,000,000	6,361.12212	1.10043
		2014	8,050.00	3,101,440,000,000	434,000,000	7,146.17512	1.12648
		2015	6,550.00	3,390,223,000,000	434,000,000	7,811.57373	0.83850
		2016	6,700.00	3,599,264,000,000	434,000,000	8,293.23502	0.80789
4	ARNA	2012	412.50	604,808,179,406	434,000,000	1,393.56723	0.29600
		2013	820.00	768,489,883,529	434,000,000	1,770.71402	0.46309
		2014	870.00	909,942,258,556	434,000,000	2,096.64115	0.41495
		2015	500.00	894,728,477,056	434,000,000	2,061.58635	0.24253
		2016	520.00	948,088,201,259	434,000,000	2,184.53503	0.23804
5	TOTO	2012	331.80	898,164,900,513	495,360,000	1,813.15589	0.18300
		2013	384.19	1,035,650,413,675	495,360,000	2,090.70255	0.18376
		2014	396.66	1,125,897,630,494	990,720,000	1,136.44383	0.34904
		2015	695.00	1,491,542,919,106	1,032,000,000	1,445.29353	0.48087

		2016	498.00	1,523,874,519,542	10,320,000,000	147.66226	3.37256
6	INAI	2012	115.00	129,218,262,395	158,400,000	815.77186	0.14097
		2013	150.00	126,317,803,126	158,400,000	797.46088	0.18810
		2014	175.00	121,742,186,500	316,800,000	384.28720	0.45539
		2015	202.50	239,820,902,657	316,800,000	757.01043	0.26750
		2016	322.50	258,016,602,673	316,800,000	814.44635	0.39597
7	LION	2012	1,040.00	371,829,387,027	52,016,000	7,148.36564	0.14549
		2013	1,200.00	415,784,337,843	52,016,000	7,993.39315	0.15012
		2014	930.00	425,933,669,395	52,016,000	8,188.51256	0.11357
		2015	1,050.00	454,804,831,746	520,016,000	874.59777	1.20055
		2016	1,050.00	470,603,093,171	52,016,000	9,047.27571	0.11606
8	LMSH	2012	1,050.00	97,525,195,182	9,600,000	10,158.87450	0.10336
		2013	800.00	110,468,094,376	9,600,000	11,507.09316	0.06952
		2014	6,450.00	112,593,050,691	9,600,000	11,728.44278	0.54995
		2015	575.00	112,441,377,144	96,000,000	1,171.26435	0.49092
		2016	590.00	117,316,469,122	96,000,000	1,222.04655	0.48280
9	BUDI	2012	113.00	2,299,672,000,000	4,098,997,362	561.03281	0.20141
		2013	109.00	2,382,875,000,000	4,098,997,362	581.33119	0.18750
		2014	107.00	2,476,982,000,000	4,098,997,362	604.28973	0.17707
		2015	63.00	3,265,953,000,000	4,498,997,362	725.92908	0.08679
		2016	87.00	1,164,982,000,000	4,498,997,362	258.94258	0.33598
10	DPNS	2012	385.00	155,593,301,345	331,129,952	469.88592	0.81935
		2013	470.00	223,427,964,789	331,129,952	674.74405	0.69656
		2014	353.00	236,041,363,276	331,129,952	712.83604	0.49521
		2015	387.00	241,296,079,044	331,129,952	728.70508	0.53108
		2016	400.00	263,264,403,585	331,129,952	795.04860	0.50311
		2012	355.00	191,977,807,039	698,775,000	274.73480	1.29216
		2013	390.00	237,707,561,355	698,775,000	340.17754	1.14646

11	EKAD	2014	515.00	267,906,054,012	698,775,000	383.39387	1.34327
		2015	400.00	291,961,416,611	698,775,000	417.81892	0.95735
		2016	590.00	592,004,807,725	698,775,000	847.20376	0.69641
12	INCI	2012	245.00	115,759,878,140	181,035,556	639.43173	0.38315
		2013	240.00	126,091,686,236	181,035,556	696.50233	0.34458
		2014	238.00	136,427,394,601	181,035,556	753.59447	0.31582
		2015	305.00	154,051,308,997	181,035,556	850.94504	0.35843
		2016	306.00	242,826,462,751	181,035,556	1,341.31918	0.22813
13	SRSN	2012	50.00	269,204,143,000	6,020,000,000	44.71830	1.11811
		2013	50.00	314,375,634,000	6,020,000,000	52.22187	0.95745
		2014	50.00	324,030,213,000	6,020,000,000	53.82562	0.92893
		2015	50.00	340,079,836,000	6,020,000,000	56.49167	0.88509
		2016	50.00	402,053,633,000	6,020,000,000	66.78632	0.74866
14	AKPI	2012	890.00	843,266,716,000	680,000,000	1,240.09811	0.71769
		2013	810.00	1,029,336,226,000	680,000,000	1,513.72974	0.53510
		2014	830.00	1,031,605,289,000	680,000,000	1,517.06660	0.54711
		2015	875.00	1,107,565,893,000	680,000,000	1,628.77337	0.53721
		2016	900.00	1,120,035,169,000	680,000,000	1,647.11054	0.54641
15	APLI	2012	86.00	218,635,793,389	1,500,000,000	145.75720	0.59002
		2013	86.00	217,723,188,925	1,500,000,000	145.14879	0.59250
		2014	65.00	224,572,991,214	1,500,000,000	149.71533	0.43416
		2015	65.00	221,561,080,751	1,500,000,000	147.70739	0.44006
		2016	112.00	246,501,444,451	1,500,000,000	164.33430	0.68154
16	IGAR	2012	380.00	242,028,852,241	1,050,000,000	230.50367	1.64856
		2013	295.00	225,742,774,790	972,204,500	232.19680	1.27047
		2014	315.00	257,674,022,610	972,204,500	265.04097	1.18850
		2015	224.00	310,464,258,463	972,204,500	319.34049	0.70145
		2016	520.00	373,749,035,530	972,204,500	384.43459	1.35264

17	TRST	2012	325.00	1,352,992,459,388	2,808,000,000	481.83492	0.67450
		2013	250.00	1,709,677,140,374	2,808,000,000	608.85938	0.41060
		2014	380.00	1,756,440,396,879	2,808,000,000	625.51296	0.60750
		2015	310.00	1,956,920,690,054	2,808,000,000	696.90908	0.44482
		2016	300.00	1,932,355,184,014	2,808,000,000	688.16068	0.43594
18	CPIN	2012	325.00	8,176,464,000,000	16,398,000,000	498.62569	0.65179
		2013	250.00	9,950,900,000,000	16,398,000,000	606.83620	0.41197
		2014	380.00	11,005,218,000,000	16,398,000,000	671.13172	0.56621
		2015	310.00	12,561,427,000,000	16,398,000,000	766.03409	0.40468
		2016	300.00	14,157,243,000,000	16,398,000,000	863.35181	0.34748
19	JPFA	2012	1,220.00	4,763,327,000,000	2,132,104,582	2,234.09632	0.54608
		2013	1,220.00	5,245,222,000,000	10,660,522,910	492.02296	2.47956
		2014	950.00	5,179,545,000,000	10,660,522,910	485.86219	1.95529
		2015	635.00	6,109,692,000,000	10,660,522,910	573.11373	1.10798
		2016	1,455.00	9,372,964,000,000	11,410,522,910	821.43159	1.77130
20	ALDO	2012	470.00	107,536,357,440	550,000,000	195.52065	2.40384
		2013	660.00	139,883,299,162	550,000,000	254.33327	2.59502
		2014	735.00	148,803,798,920	550,000,000	270.55236	2.71666
		2015	735.00	170,929,026,813	550,000,000	310.78005	2.36502
		2016	600.00	200,887,900,422	550,000,000	365.25073	1.64271
21	KDSI	2012	510.00	316,006,115,379	405,000,000	780.26201	0.65363
		2013	345.00	352,008,887,573	405,000,000	869.15775	0.39694
		2014	364.00	372,032,694,424	405,000,000	918.59925	0.39626
		2015	191.00	378,921,289,074	405,000,000	935.60812	0.20415
		2016	350.00	419,784,286,104	405,000,000	1,036.50441	0.33767
22	ASII	2012	7,550.00	89,814,000,000,000	40,483,553,140	2,218.53056	3.40315
		2013	6,800.00	106,188,000,000,000	40,483,553,140	2,622.99111	2.59246
		2014	7,425.00	120,187,000,000,000	40,483,553,140	2,968.78586	2.50102

		2015	6,000.00	126,533,000,000,000	40,483,553,140	3,125.54087	1.91967
		2016	8,275.00	139,906,000,000,000	40,483,553,140	3,455.87255	2.39447
23	AUTO	2012	3,380.00	5,485,099,000,000	3,855,786,400	1,422.56298	2.37599
		2013	3,650.00	9,558,754,000,000	4,819,733,000	1,983.25384	1.84041
		2014	4,200.00	10,142,706,000,000	4,819,733,000	2,104.41242	1.99581
		2015	1,600.00	10,143,426,000,000	4,819,733,000	2,104.56181	0.76025
		2016	2,050.00	10,536,558,000,000	4,819,733,000	2,186.12898	0.93773
				2012	2,472.96	1,136,572,861,829	315,000,000
24	INDS	2013	2,140.00	1,752,865,614,508	525,000,000	3,338.79165	0.64095
		2014	1,600.00	1,822,667,471,833	656,249,710	2,777.39928	0.57608
		2015	350.00	1,919,038,917,988	656,249,710	2,924.25107	0.11969
		2016	880.00	2,068,063,877,631	656,249,710	3,151.33683	0.27925
				2012	116.57	202,073,660,000	20,000,000
25	NIPS	2013	322.80	235,945,772,000	760,000,000	310.45496	1.03976
		2014	487.00	938,717,411,000	1,486,666,666	631.42427	0.77127
		2015	425.00	609,002,679,000	1,486,666,666	409.64306	1.03749
		2016	470.00	842,580,894,000	1,635,333,332	515.23495	0.91221
				2012	606.25	910,119,059,264	1,439,668,860
26	SMSM	2013	862.50	1,006,799,010,307	1,439,668,860	699.32680	1.23333
		2014	1,187.50	1,122,120,000,000	1,439,668,860	779.42924	1.52355
		2015	1,190.00	1,440,248,000,000	1,439,668,860	1,000.40227	1.18952
		2016	980.00	1,580,055,000,000	5,758,675,440	274.37820	3.57171
				2012	172.00	366,957,389,624	641,717,510
27	RICY	2013	173.00	372,002,989,683	641,717,510	579.69899	0.29843
		2014	174.00	390,263,218,936	641,717,510	608.15423	0.28611
		2015	159.00	400,079,043,512	641,717,510	623.45041	0.25503
		2016	156.00	412,499,070,065	641,717,510	642.80476	0.24269
				2012	340.00	242,556,471,149	1,000,000,000

28	TRIS	2013	400.00	282,306,467,893	1,002,598,000	281.57494	1.42058
		2014	356.00	308,551,077,438	1,043,763,025	295.61411	1.20427
		2015	300.00	329,208,076,905	1,045,446,325	314.89716	0.95269
		2016	320.00	346,627,180,477	1,045,531,525	331.53202	0.96522
29	UNIT	2012	345.00	240,425,406,576	75,422,200	3,187.72731	0.10823
		2013	250.00	241,257,262,302	75,422,200	3,198.75663	0.07816
		2014	318.00	242,242,496,901	75,422,200	3,211.81956	0.09901
		2015	260.00	242,974,314,739	75,422,200	3,221.52251	0.08071
		2016	360.00	244,021,820,832	75,422,200	3,235.41107	0.11127
30	BATA	2012	600.00	387,488,486,000	1,300,000	298,068.06615	0.00201
		2013	1,060.00	396,853,165,000	13,000,000	30,527.16654	0.03472
		2014	1,105.00	425,597,596,000	13,000,000	32,738.27662	0.03375
		2015	900.00	547,187,208,000	13,000,000	42,091.32369	0.02138
		2016	790.00	557,155,279,000	13,000,000	42,858.09838	0.01843
31	JECC	2012	1,890.00	142,875,793,000	151,200,000	944.94572	2.00011
		2013	2,850.00	147,660,344,000	151,200,000	976.58958	2.91832
		2014	2,350.00	166,393,719,000	151,200,000	1,100.48756	2.13542
		2015	1,350.00	367,756,259,000	151,200,000	2,432.25039	0.55504
		2016	3,500.00	470,338,342,000	151,200,000	3,110.70332	1.12515
32	KBLI	2012	191.00	845,141,024,021	3,447,235,107	245.16489	0.77907
		2013	142.00	886,649,700,731	3,447,235,107	257.20604	0.55209
		2014	139.00	926,637,603,251	3,447,235,107	268.80604	0.51710
		2015	119.00	1,027,361,931,042	3,447,235,107	298.02491	0.39930
		2016	276.00	1,321,345,840,449	3,447,235,107	383.30598	0.72005
33	KBLM	2012	128.00	264,746,064,454	1,120,000,000	236.38041	0.54150
		2013	158.00	269,664,159,813	1,120,000,000	240.77157	0.65622
		2014	155.00	290,287,873,143	1,120,000,000	259.18560	0.59803
		2015	132.00	296,475,380,006	1,120,000,000	264.71016	0.49866

		2016	240.00	320,655,277,264	1,120,000,000	286.29935	0.83828
34	SCCO	2012	4,250.00	654,044,664,731	205,583,400	3,181.40796	1.33589
		2013	4,400.00	707,611,129,154	205,583,400	3,441.96627	1.27834
		2014	3,950.00	809,954,326,656	205,583,400	3,939.78466	1.00259
		2015	3,725.00	922,352,503,822	205,583,400	4,486.51255	0.83027
		2016	7,275.00	1,220,420,673,224	205,583,400	5,936.37752	1.22549
35	AISA	2012	1,080.00	3,867,576,000,000	2,926,000,000	1,321.79631	0.81707
		2013	1,430.00	5,020,824,000,000	2,926,000,000	1,715.93438	0.83337
		2014	2,095.00	3,585,936,000,000	2,926,000,000	1,225.54204	1.70945
		2015	1,210.00	3,966,907,000,000	3,218,600,000	1,232.49456	0.98175
		2016	1,945.00	4,264,400,000,000	3,218,600,000	1,324.92388	1.46801
36	CEKA	2012	1,230.00	463,402,986,308	297,500,000	1,557.65710	0.78965
		2013	1,160.00	528,274,933,918	297,500,000	1,775.71406	0.65326
		2014	1,500.00	537,551,172,122	297,500,000	1,806.89470	0.83015
		2015	675.00	639,893,514,352	297,500,000	2,150.90257	0.31382
		2016	1,360.00	887,920,113,728	595,000,000	1,492.30271	0.91134
37	DLTA	2012	5,100.00	598,211,513,000	16,013,181	37,357.44403	0.13652
		2013	7,600.00	676,557,993,000	16,013,181	42,250.06843	0.17988
		2014	7,800.00	760,396,104,000	16,013,181	47,485.63724	0.16426
		2015	5,200.00	849,621,481,000	800,659,050	1,061.15266	4.90033
		2016	5,000.00	1,012,374,008,000	800,659,050	1,264.42586	3.95436
38	ICBP	2012	4,050.00	11,984,361,000,000	5,830,954,000	2,055.30021	1.97052
		2013	5,100.00	13,265,731,000,000	5,830,954,000	2,275.05328	2.24171
		2014	6,550.00	14,584,301,000,000	5,830,954,000	2,501.18608	2.61876
		2015	6,737.50	16,386,911,000,000	5,830,954,000	2,810.33104	2.39740
		2016	8,575.00	18,500,823,000,000	11,661,908,000	1,586.43191	5.40521
		2012	5,850.00	34,140,237,000,000	8,780,426,500	3,888.22081	1.50454
		2013	6,600.00	38,373,129,000,000	8,780,426,500	4,370.30354	1.51019

39	INDF	2014	6,750.00	40,274,198,000,000	8,780,426,500	4,586.81569	1.47161
		2015	5,175.00	43,121,593,000,000	8,780,426,500	4,911.10460	1.05373
		2016	7,925.00	43,941,423,000,000	8,780,426,500	5,004.47478	1.58358
40	MLBI	2012	7,350.00	329,853,000,000	21,070,000	15,655.10204	0.46950
		2013	12,000.00	987,533,000,000	21,070,000	46,869.15045	0.25603
		2014	11,950.00	553,797,000,000	2,107,000,000	262.83673	45.46549
		2015	8,200.00	766,480,000,000	2,107,000,000	363.77788	22.54123
		2016	11,750.00	820,640,000,000	2,107,000,000	389.48268	30.16822
41	MYOR	2012	672.00	3,067,850,327,238	766,584,000	4,001.97542	0.16792
		2013	1,040.00	3,938,760,819,650	894,347,989	4,404.05845	0.23615
		2014	836.00	4,077,036,284,827	894,347,989	4,558.66881	0.18339
		2015	1,220.00	5,194,459,927,187	894,347,989	5,808.09706	0.21005
		2016	1,380.00	6,265,255,987,065	22,358,699,725	280.21558	4.92478
42	ROTI	2012	1,020.00	666,607,597,550	1,012,360,000	658.46892	1.54905
		2013	1,385.00	787,337,649,671	5,061,800,000	155.54499	8.90418
		2014	1,265.00	935,583,079,507	5,061,800,000	184.83209	6.84405
		2015	1,600.00	1,188,534,951,872	5,061,800,000	234.80480	6.81417
		2016	390.00	1,442,751,772,026	5,061,800,000	285.02742	1.36829
43	SKBM	2012	390.00	127,679,763,243	851,391,894	149.96591	2.60059
		2013	480.00	201,124,214,511	865,736,394	232.31577	2.06615
		2014	970.00	307,615,062,279	936,530,894	328.46227	2.95316
		2015	945.00	344,087,439,659	936,530,894	367.40640	2.57208
		2016	640.00	368,389,286,646	936,530,894	393.35519	1.62703
44	SKLT	2012	180.00	129,482,560,948	690,740,500	187.45471	0.96023
		2013	180.00	139,650,353,636	690,740,500	202.17485	0.89032
		2014	300.00	137,295,765,073	690,740,500	198.76606	1.50931
		2015	370.00	152,044,668,111	690,740,500	220.11836	1.68091
		2016	300.00	296,151,295,872	690,740,500	428.74465	0.69972

45	STTP	2012	920.00	579,691,340,310	1,310,000,000	442.51247	2.07904
		2013	1,550.00	694,128,409,113	1,310,000,000	529.86901	2.92525
		2014	2,880.00	815,510,869,260	1,310,000,000	622.52738	4.62630
		2015	3,015.00	1,008,809,438,257	1,310,000,000	770.08354	3.91516
		2016	3,190.00	1,168,512,137,670	1,310,000,000	891.99400	3.57626
46	ULTJ	2012	345.00	1,676,519,113,422	2,888,382,000	580.43538	0.59438
		2013	1,125.00	2,015,146,534,086	2,888,382,000	697.67314	1.61250
		2014	930.00	2,273,306,156,418	2,888,382,000	787.05177	1.18162
		2015	986.25	2,797,505,693,922	2,888,382,000	968.53730	1.01829
		2016	1,142.50	3,489,233,494,783	2,888,382,000	1,208.02356	0.94576
47	GGRM	2012	56,000.00	26,605,713,000,000	1,924,088,000	13,827.70071	4.04984
		2013	42,000.00	29,416,271,000,000	1,924,088,000	15,288.42288	2.74718
		2014	60,700.00	38,007,909,000,000	1,924,088,000	19,753.72696	3.07284
		2015	55,000.00	38,007,909,000,000	1,924,088,000	19,753.72696	2.78428
		2016	63,900.00	39,564,228,000,000	1,924,088,000	20,562.58757	3.10759
48	HMSP	2012	2,223.31	13,308,420,000,000	4,383,000,000	3,036.37235	0.73223
		2013	2,351.43	14,155,035,000,000	4,383,000,000	3,229.53114	0.72810
		2014	2,586.95	13,498,114,000,000	4,383,000,000	3,079.65184	0.84001
		2015	3,760.00	32,016,060,000,000	4,652,723,076	6,881.14454	0.54642
		2016	3,830.00	34,175,014,000,000	116,318,076,900	293.80656	13.03579
49	WIIM	2012	760.00	656,304,363,721	2,099,873,760	312.54468	2.43165
		2013	670.00	781,359,304,525	2,099,873,760	372.09823	1.80060
		2014	625.00	846,390,403,028	2,099,873,760	403.06728	1.55061
		2015	430.00	943,708,980,906	2,099,873,760	449.41225	0.95681
		2016	440.00	991,093,391,804	2,099,873,760	471.97761	0.93225
50	DVLA	2012	1,690.00	841,546,479,000	1,120,000,000	751.38078	2.24919
		2013	2,200.00	914,702,952,000	1,120,000,000	816.69906	2.69377
		2014	1,690.00	947,454,725,000	1,120,000,000	845.94172	1.99777

		2015	1,300.00	973,517,334,000	1,120,000,000	869.21191	1.49561
		2016	1,755.00	1,079,579,612,000	1,120,000,000	963.91037	1.82071
51	KAEF	2012	720.00	1,441,533,689,666	5,540,000,000	260.20464	2.76705
		2013	590.00	1,624,354,688,981	5,540,000,000	293.20482	2.01225
		2014	1,465.00	1,721,078,859,509	5,540,000,000	310.66405	4.71570
		2015	870.00	1,862,096,822,470	5,540,000,000	336.11856	2.58837
		2016	2,750.00	2,271,407,409,194	5,540,000,000	410.00134	6.70730
				2012	1,030.00	7,371,643,614,897	50,780,072,110
52	KLBF	2013	1,250.00	8,499,957,965,575	46,875,122,110	181.33196	6.89343
		2014	1,830.00	9,764,101,018,423	46,875,122,110	208.30028	8.78539
		2015	1,320.00	10,938,285,985,269	46,875,122,110	233.34949	5.65675
		2016	1,515.00	12,463,847,141,085	46,875,122,110	265.89471	5.69774
				2012	7,600.00	416,741,865,000	22,400,000
53	MERK	2013	9,450.00	512,218,622,000	22,400,000	22,866.90277	0.41326
		2014	8,000.00	544,244,319,000	22,400,000	24,296.62138	0.32926
		2015	6,775.00	473,543,282,000	22,400,000	21,140.32509	0.32048
		2016	9,200.00	582,672,469,000	22,400,000	26,012.16379	0.35368
				2012	172.00	87,705,472,878	535,080,000
54	PYFA	2013	147.00	93,901,273,216	535,080,000	175.49016	0.83765
		2014	135.00	97,096,611,306	535,080,000	181.46186	0.74396
		2015	112.00	101,222,059,197	535,080,000	189.17182	0.59205
		2016	200.00	105,508,790,427	535,080,000	197.18321	1.01429
				2012	3,675.00	3,353,156,079,810	4,500,000,000
55	TSPC	2013	3,250.00	3,862,951,854,240	4,500,000,000	858.43375	3.78596
		2014	2,865.00	4,082,127,697,809	4,500,000,000	907.13949	3.15828
		2015	1,750.00	4,337,140,975,120	4,500,000,000	963.80911	1.81571
		2016	1,970.00	4,635,273,142,692	4,500,000,000	1,030.06070	1.91251
				2012	1,900.00	209,122,000,000	589,896,800

56	ADES	2013	2,000.00	264,778,000,000	589,896,800	448.85478	4.45578
		2014	1,375.00	292,145,000,000	589,896,800	495.24764	2.77639
		2015	1,015.00	328,369,000,000	589,896,800	556.65499	1.82339
		2016	1,000.00	348,388,000,000	589,896,800	590.59144	1.69322
57	TCID	2012	10,450.00	1,096,821,575,914	201,066,667	5,455.01446	1.91567
		2013	11,900.00	1,182,990,689,957	201,066,667	5,883.57438	2.02258
		2014	17,525.00	1,252,170,961,203	201,066,667	6,227.64071	2.81407
		2015	16,500.00	1,714,871,478,033	201,066,667	8,528.87007	1.93461
		2016	12,500.00	1,783,158,507,325	201,066,667	8,868.49389	1.40948

Lampiran 7 Statistik Deskriptif

Statistik Deskriptif Persamaan 1

	ROA	SIZE	CR	DER	PBV
Mean	0.087376	28.28998	2.408085	0.757901	1.462525
Median	0.078170	28.02773	2.051200	0.620840	0.958990
Maximum	0.289240	32.15098	8.088940	2.693930	6.893430
Minimum	0.000760	25.60818	0.169260	0.109230	0.002010
Std. Dev.	0.062413	1.533822	1.461853	0.494407	1.426548
Skewness	0.890544	0.628908	1.521458	1.215014	1.690614
Kurtosis	3.485804	2.707244	5.329813	4.380550	5.779666
Jarque-Bera	35.36093	17.30350	152.3814	81.03865	198.7772
Probability	0.000000	0.000175	0.000000	0.000000	0.000000
Sum	21.75660	7044.206	599.6132	188.7173	364.1686
Sum Sq. Dev.	0.966058	583.4474	529.9797	60.62073	504.6899
Observations	249	249	249	249	249

Statistik Deskriptif Persamaan 2

	ROA	SIZE	CR	DER
Mean	0.088055	28.30414	2.427309	0.751962
Median	0.078285	28.05433	2.057820	0.618240
Maximum	0.289240	32.15098	8.088940	2.693930
Minimum	0.000760	25.60818	0.169260	0.109230
Std. Dev.	0.062589	1.532369	1.466767	0.494432
Skewness	0.866037	0.606938	1.480612	1.224003
Kurtosis	3.406762	2.675210	5.175667	4.397783
Jarque-Bera	33.23812	16.57935	141.7750	83.43852
Probability	0.000000	0.000251	0.000000	0.000000
Sum	22.18989	7132.644	611.6817	189.4943
Sum Sq. Dev.	0.983271	589.3865	540.0031	61.36027
Observations	252	252	252	252

Lampiran 8 Hasil Olah Data Persamaan 1 Sebelum Pembobotan

Hasil Analisis Regresi

Dependent Variable: PBV
 Method: Least Squares
 Date: 01/29/18 Time: 21:17
 Sample: 1 249
 Included observations: 249

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-6.633566	1.595256	-4.158309	0.0000
ROA	5.781064	1.613270	3.583445	0.0004
SIZE	0.267779	0.055812	4.797903	0.0000
CR	-0.011447	0.075562	-0.151487	0.8797
DER	0.056805	0.215640	0.263426	0.7924
R-squared	0.168761	Mean dependent var		1.462525
Adjusted R-squared	0.155134	S.D. dependent var		1.426548
S.E. of regression	1.311234	Akaike info criterion		3.399691
Sum squared resid	419.5179	Schwarz criterion		3.470323
Log likelihood	-418.2615	Hannan-Quinn criter.		3.428121
F-statistic	12.38444	Durbin-Watson stat		0.900416
Prob(F-statistic)	0.000000			

Hasil Uji Heteroskedastisitas

Heteroskedasticity Test: White

F-statistic	2.702882	Prob. F(14,234)	0.0011
Obs*R-squared	34.66096	Prob. Chi-Square(14)	0.0016
Scaled explained SS	82.57627	Prob. Chi-Square(14)	0.0000

Test Equation:
 Dependent Variable: RESID^2
 Method: Least Squares
 Date: 01/29/18 Time: 21:22
 Sample: 1 249
 Included observations: 249

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-153.6402	79.21860	-1.939446	0.0536
ROA	-166.4426	116.2136	-1.432213	0.1534
ROA^2	-15.22041	64.70924	-0.235212	0.8142
ROA*SIZE	5.950527	4.039133	1.473219	0.1420

ROA*CR	3.497720	3.915556	0.893288	0.3726
ROA*DER	19.98309	15.19101	1.315455	0.1896
SIZE	10.57200	5.494472	1.924116	0.0556
SIZE^2	-0.184083	0.096516	-1.907277	0.0577
SIZE*CR	-0.129852	0.171406	-0.757572	0.4495
SIZE*DER	-0.042831	0.563358	-0.076029	0.9395
CR	3.829049	5.004291	0.765153	0.4450
CR^2	-0.037150	0.137872	-0.269452	0.7878
CR*DER	0.136753	1.329841	0.102834	0.9182
DER	5.395963	15.46333	0.348952	0.7274
DER^2	-1.822159	1.025487	-1.776871	0.0769
<hr/>				
R-squared	0.139201	Mean dependent var	1.684811	
Adjusted R-squared	0.087700	S.D. dependent var	3.760598	
S.E. of regression	3.591912	Akaike info criterion	5.453597	
Sum squared resid	3019.029	Schwarz criterion	5.665492	
Log likelihood	-663.9728	Hannan-Quinn criter.	5.538888	
F-statistic	2.702882	Durbin-Watson stat	1.123638	
Prob(F-statistic)	0.001059			

Hasil Uji Multikolonieritas

Variance Inflation Factors

Date: 01/29/18 Time: 21:23

Sample: 1 249

Included observations: 249

Variable	Coefficient Variance	Uncentered VIF	Centered VIF
C	2.544841	368.5525	NA
ROA	2.602640	4.340005	1.462368
SIZE	0.003115	362.0973	1.057043
CR	0.005710	6.554945	1.759962
DER	0.046501	5.507851	1.639530

Lampiran 9 Hasil Olah Data Persamaan 2 Sebelum Pembobotan

Hasil Analisis Regresi

Dependent Variable: DER
 Method: Least Squares
 Date: 01/29/18 Time: 21:28
 Sample (adjusted): 1 252
 Included observations: 252 after adjustments

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	1.178067	0.462734	2.545883	0.0115
ROA	-1.587588	0.460897	-3.444563	0.0007
SIZE	0.004532	0.016393	0.276484	0.7824
CR	-0.170804	0.019244	-8.875713	0.0000
R-squared	0.396345	Mean dependent var		0.751962
Adjusted R-squared	0.389043	S.D. dependent var		0.494432
S.E. of regression	0.386467	Akaike info criterion		0.952203
Sum squared resid	37.04040	Schwarz criterion		1.008226
Log likelihood	-115.9776	Hannan-Quinn criter.		0.974746
F-statistic	54.27700	Durbin-Watson stat		0.918982
Prob(F-statistic)	0.000000			

Hasil Uji Heteroskedastisitas

Heteroskedasticity Test: Harvey

F-statistic	2.192899	Prob. F(3,248)	0.0894
Obs*R-squared	6.512059	Prob. Chi-Square(3)	0.0892
Scaled explained SS	5.281537	Prob. Chi-Square(3)	0.1523

Test Equation:

Dependent Variable: LWRESID2
 Method: Least Squares
 Date: 01/29/18 Time: 21:31
 Sample: 1 252
 Included observations: 252

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-4.855975	0.461233	-10.52824	0.0000
ROA*WGT	-4.862459	2.911811	-1.669909	0.0962
SIZE*WGT	0.064114	0.025945	2.471121	0.0141
CR*WGT	-0.021724	0.091883	-0.236427	0.8133
R-squared	0.025842	Mean dependent var		-3.726854
Adjusted R-squared	0.014057	S.D. dependent var		2.004561

S.E. of regression	1.990422	Akaike info criterion	4.230316
Sum squared resid	982.5212	Schwarz criterion	4.286339
Log likelihood	-529.0198	Hannan-Quinn criter.	4.252858
F-statistic	2.192899	Durbin-Watson stat	1.516906
Prob(F-statistic)	0.089426		

Hasil Uji Multikolonieritas

Variance Inflation Factors
Date: 01/29/18 Time: 21:31
Sample: 1 254
Included observations: 252

Variable	Coefficient Variance	Uncentered VIF	Centered VIF
C	0.127870	349.9124	NA
ROA	0.109882	6.572004	1.303631
SIZE	0.000156	347.6019	1.003636
CR	0.000197	5.963270	1.299962

Lampiran 10 Hasil Olah Data Persamaan 1 Setelah Pembobotan

Hasil Analisis Regresi

Dependent Variable: PBV
 Method: Least Squares
 Date: 01/29/18 Time: 21:21
 Sample: 1 249
 Included observations: 249
 Weighting series: ROA
 Weight type: Variance (average scaling)

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-2.888629	0.994401	-2.904893	0.0040
ROA	13.38725	1.255803	10.66031	0.0000
SIZE	0.107427	0.036617	2.933825	0.0037
CR	0.003993	0.042332	0.094325	0.9249
DER	0.175104	0.072396	2.418708	0.0163

Weighted Statistics

R-squared	0.446418	Mean dependent var	0.752294
Adjusted R-squared	0.437343	S.D. dependent var	0.600278
S.E. of regression	0.613553	Akaike info criterion	1.880775
Sum squared resid	91.85309	Schwarz criterion	1.951407
Log likelihood	-229.1565	Hannan-Quinn criter.	1.909206
F-statistic	49.19142	Durbin-Watson stat	0.984722
Prob(F-statistic)	0.000000	Weighted mean dep.	0.508398

Unweighted Statistics

R-squared	0.056246	Mean dependent var	1.462525
Adjusted R-squared	0.040775	S.D. dependent var	1.426548
S.E. of regression	1.397162	Sum squared resid	476.3031
Durbin-Watson stat	0.985796		

Hasil Uji Heteroskedastisitas

Heteroskedasticity Test: White

F-statistic	0.905221	Prob. F(14,234)	0.5538
Obs*R-squared	12.79265	Prob. Chi-Square(14)	0.5429
Scaled explained SS	36.58845	Prob. Chi-Square(14)	0.0009

Test Equation:

Dependent Variable: WGT_RESID^2

Method: Least Squares

Date: 01/29/18 Time: 21:20

Sample: 1 249

Included observations: 249

Collinear test regressors dropped from specification

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-2.829800	1.910490	-1.481191	0.1399
WGT^2	-59.56136	43.31035	-1.375222	0.1704
ROA^2*WGT^2	122.1934	66.35191	1.841596	0.0668
ROA*SIZE*WGT^2	4.933124	3.270515	1.508363	0.1328
ROA*CR*WGT^2	-1.099426	3.725765	-0.295087	0.7682
ROA*DER*WGT^2	19.32494	10.09534	1.914243	0.0568
SIZE^2*WGT^2	-0.079262	0.058317	-1.359148	0.1754
SIZE*WGT^2	4.345627	3.174703	1.368830	0.1724
SIZE*CR*WGT^2	-0.053456	0.084070	-0.635853	0.5255
SIZE*DER*WGT^2	0.057666	0.190348	0.302950	0.7622
CR^2*WGT^2	-0.024930	0.040579	-0.614361	0.5396
CR*WGT^2	1.684071	2.432487	0.692325	0.4894
CR*DER*WGT^2	-0.167969	0.209733	-0.800873	0.4240
DER^2*WGT^2	0.029340	0.114277	0.256740	0.7976
DER*WGT^2	-1.607327	4.946562	-0.324938	0.7455
R-squared	0.051376	Mean dependent var		0.368888
Adjusted R-squared	-0.005379	S.D. dependent var		0.902162
S.E. of regression	0.904585	Akaike info criterion		2.695670
Sum squared resid	191.4762	Schwarz criterion		2.907565
Log likelihood	-320.6109	Hannan-Quinn criter.		2.780961
F-statistic	0.905221	Durbin-Watson stat		1.521015
Prob(F-statistic)	0.553840			

Hasil Uji Multikolonieritas

Variance Inflation Factors

Date: 01/29/18 Time: 21:22

Sample: 1 249

Included observations: 249

Variable	Coefficient Variance	Uncentered VIF	Centered VIF
C	0.988833	654.0614	NA
ROA	1.577041	1.832740	1.410966
SIZE	0.001341	677.9219	1.145072
CR	0.001792	3.772821	1.462570
DER	0.005241	3.821173	1.117594

Lampiran 11 Hasil Olah Data Persamaan 2 Setelah Pembobotan

Hasil Analisis Regresi

Dependent Variable: DER

Method: Least Squares

Date: 01/29/18 Time: 21:30

Sample (adjusted): 1 252

Included observations: 252 after adjustments

Weighting series: ROA

Weight type: Inverse variance (average scaling)

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	1.505444	0.357589	4.209979	0.0000
ROA	-1.316865	0.331485	-3.972622	0.0001
SIZE	-0.010970	0.012475	-0.879310	0.3801
CR	-0.143905	0.014051	-10.24131	0.0000

Weighted Statistics

R-squared	0.457264	Mean dependent var	0.615194
Adjusted R-squared	0.450699	S.D. dependent var	0.378968
S.E. of regression	0.303463	Akaike info criterion	0.468629
Sum squared resid	22.83820	Schwarz criterion	0.524651
Log likelihood	-55.04722	Hannan-Quinn criter.	0.491171
F-statistic	69.64809	Durbin-Watson stat	1.021460
Prob(F-statistic)	0.000000	Weighted mean dep.	0.595422

Unweighted Statistics

R-squared	0.382427	Mean dependent var	0.751962
Adjusted R-squared	0.374956	S.D. dependent var	0.494432
S.E. of regression	0.390897	Sum squared resid	37.89444
Durbin-Watson stat	0.867060		

Hasil Uji Heteroskedastisitas

Heteroskedasticity Test: Harvey

F-statistic	2.192899	Prob. F(3,248)	0.0894
Obs*R-squared	6.512059	Prob. Chi-Square(3)	0.0892
Scaled explained SS	5.281537	Prob. Chi-Square(3)	0.1523

Test Equation:
 Dependent Variable: LWRESID2
 Method: Least Squares
 Date: 01/29/18 Time: 21:31
 Sample: 1 252
 Included observations: 252

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-4.855975	0.461233	-10.52824	0.0000
ROA*WGT	-4.862459	2.911811	-1.669909	0.0962
SIZE*WGT	0.064114	0.025945	2.471121	0.0141
CR*WGT	-0.021724	0.091883	-0.236427	0.8133
R-squared	0.025842	Mean dependent var		-3.726854
Adjusted R-squared	0.014057	S.D. dependent var		2.004561
S.E. of regression	1.990422	Akaike info criterion		4.230316
Sum squared resid	982.5212	Schwarz criterion		4.286339
Log likelihood	-529.0198	Hannan-Quinn criter.		4.252858
F-statistic	2.192899	Durbin-Watson stat		1.516906
Prob(F-statistic)	0.089426			

Hasil Uji Multikolonieritas

Variance Inflation Factors
 Date: 01/29/18 Time: 21:31
 Sample: 1 254
 Included observations: 252

Variable	Coefficient Variance	Uncentered VIF	Centered VIF
C	0.127870	349.9124	NA
ROA	0.109882	6.572004	1.303631
SIZE	0.000156	347.6019	1.003636
CR	0.000197	5.963270	1.299962

Lampiran 12 Hasil Olah Data Persamaan 1 Setelah Theilnagar

Hasil Analisis Regresi

Dependent Variable: PBV
 Method: Least Squares
 Date: 01/29/18 Time: 07:27
 Sample (adjusted): 1 248
 Included observations: 230 after adjustments
 Weighting series: ROA
 Weight type: Variance (average scaling)

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	0.082708	0.155477	0.531965	0.5953
ROA	11.66611	1.798188	6.487704	0.0000
SIZE	-0.007227	0.011757	-0.614747	0.5393
CR	0.113083	0.056312	2.008147	0.0458
DER	0.284914	0.100658	2.830512	0.0051

Weighted Statistics

R-squared	0.232501	Mean dependent var	0.329670
Adjusted R-squared	0.218857	S.D. dependent var	0.408194
S.E. of regression	0.401556	Akaike info criterion	1.034561
Sum squared resid	36.28067	Schwarz criterion	1.109302
Log likelihood	-113.9745	Hannan-Quinn criter.	1.064710
F-statistic	17.04001	Durbin-Watson stat	1.981551
Prob(F-statistic)	0.000000	Weighted mean dep.	0.262779

Unweighted Statistics

R-squared	-0.009970	Mean dependent var	0.892133
Adjusted R-squared	-0.027925	S.D. dependent var	1.145540
S.E. of regression	1.161425	Sum squared resid	303.5043
Durbin-Watson stat	1.740571		

Hasil Uji Heteroskedastisitas

Heteroskedasticity Test: Glejser

F-statistic	0.864433	Prob. F(4,225)	0.4860
Obs*R-squared	3.481075	Prob. Chi-Square(4)	0.4808
Scaled explained SS	5.732551	Prob. Chi-Square(4)	0.2200

Test Equation:

Dependent Variable: AWRESID

Method: Least Squares

Date: 01/29/18 Time: 07:37

Sample: 1 248

Included observations: 230

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	0.183772	0.065282	2.815073	0.0053
ROA*WGT	2.863837	3.437003	0.833237	0.4056
SIZE*WGT	-0.004134	0.004359	-0.948424	0.3439
CR*WGT	0.036758	0.043203	0.850820	0.3958
DER*WGT	0.126933	0.078887	1.609042	0.1090
R-squared	0.015135	Mean dependent var		0.247489
Adjusted R-squared	-0.002374	S.D. dependent var		0.311308
S.E. of regression	0.311677	Akaike info criterion		0.527803
Sum squared resid	21.85713	Schwarz criterion		0.602544
Log likelihood	-55.69739	Hannan-Quinn criter.		0.557952
F-statistic	0.864433	Durbin-Watson stat		1.897460
Prob(F-statistic)	0.486040			

Hasil Uji Multikolonieritas

Variance Inflation Factors

Date: 01/29/18 Time: 07:37

Sample: 1 249

Included observations: 230

Variable	Coefficient Variance	Uncentered VIF	Centered VIF
C	0.024173	34.48014	NA
ROA	3.233482	1.307061	1.185909
SIZE	0.000138	43.13100	1.411338
CR	0.003171	4.723873	1.246771
DER	0.010132	4.254202	1.415786

Lampiran 13 Hasil Olah Data Persamaan 2 Setelah Theilnagar

Hasil Analisis Regresi

Dependent Variable: DER
 Method: Least Squares
 Date: 01/29/18 Time: 08:51
 Sample (adjusted): 1 252
 Included observations: 233 after adjustments
 Weighting series: ROA
 Weight type: Inverse variance (average scaling)

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	0.015304	0.058069	0.263544	0.7924
ROA	-0.849998	0.344702	-2.465892	0.0144
SIZE	0.036290	0.003585	10.12232	0.0000
CR	-0.121171	0.014330	-8.456019	0.0000

Weighted Statistics

R-squared	0.402012	Mean dependent var	0.344627
Adjusted R-squared	0.394178	S.D. dependent var	0.317482
S.E. of regression	0.237831	Akaike info criterion	-0.017492
Sum squared resid	12.95309	Schwarz criterion	0.041753
Log likelihood	6.037848	Hannan-Quinn criter.	0.006398
F-statistic	51.31697	Durbin-Watson stat	1.821807
Prob(F-statistic)	0.000000	Weighted mean dep.	0.355195

Unweighted Statistics

R-squared	0.335753	Mean dependent var	0.426909
Adjusted R-squared	0.327051	S.D. dependent var	0.351186
S.E. of regression	0.288090	Sum squared resid	19.00602
Durbin-Watson stat	1.388901		

Hasil Uji Heteroskedastisitas

Heteroskedasticity Test: White

F-statistic	1.856281	Prob. F(10,222)	0.0526
Obs*R-squared	17.97924	Prob. Chi-Square(10)	0.0553
Scaled explained SS	142.8027	Prob. Chi-Square(10)	0.0000

Test Equation:
 Dependent Variable: WGT_RESID^2
 Method: Least Squares
 Date: 01/29/18 Time: 08:51

Sample: 1 252
 Included observations: 233

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-0.011369	0.036973	-0.307483	0.7588
WGT^2	0.439559	0.378744	1.160569	0.2471
ROA^2*WGT^2	3.245536	5.386978	0.602478	0.5475
ROA*WGT^2	0.852639	1.418646	0.601023	0.5484
ROA*SIZE*WGT^2	-0.085280	0.058292	-1.462996	0.1449
ROA*CR*WGT^2	-0.013174	0.228842	-0.057568	0.9541
SIZE^2*WGT^2	0.000966	0.001002	0.963772	0.3362
SIZE*WGT^2	-0.031100	0.038882	-0.799854	0.4247
SIZE*CR*WGT^2	0.002083	0.002558	0.814525	0.4162
CR^2*WGT^2	0.008169	0.006446	1.267393	0.2063
CR*WGT^2	-0.119824	0.046334	-2.586112	0.0103
R-squared	0.077164	Mean dependent var		0.055593
Adjusted R-squared	0.035595	S.D. dependent var		0.225928
S.E. of regression	0.221870	Akaike info criterion		-0.127388
Sum squared resid	10.92827	Schwarz criterion		0.035537
Log likelihood	25.84069	Hannan-Quinn criter.		-0.061689
F-statistic	1.856281	Durbin-Watson stat		1.982057
Prob(F-statistic)	0.052565			

Hasil Uji Multikolonieritas

Variance Inflation Factors
 Date: 01/29/18 Time: 08:52
 Sample: 1 254
 Included observations: 233

Variable	Coefficient Variance	Uncentered VIF	Centered VIF
C	0.003372	13.89008	NA
ROA	0.118819	6.344955	1.687702
SIZE	1.29E-05	19.39761	1.401241
CR	0.000205	5.123386	1.629995