

LAMPIRAN 1

**DAFTAR PERUSAHAAN MANUFAKTUR SESUAI KRITERIA
PENELITIAN TERDAFTAR DI BURSA EFEK INDONESIA PERIODE
2011-2105**

KODE	PERUSAHAAN
AMFG	PT ASAHIMAS FLAT GLASS Tbk
APLI	PT ASIAPLAST INDUSTRIES Tbk
ASII	PT ASTRA INTERNASIONAL Tbk
AUTO	PT ASTRA AUTO PARK Tbk
BTON	PT BETON JAYA MANUNGGAL Tbk
CEKA	PT WILMAR CAHAYA INDONESIA Tbk
CTBN	PT CITRA TURBINDO Tbk
GGRM	PT GUDANG GARAM Tbk
INDF	PT INDOFOOD SUKSES MAKMUR Tbk
INDS	PT INDISPRING Tbk

KAEF	PT KIMIA FARMA Tbk
KBLM	PT KABELINDO MURNI Tbk
KDSI	PT KEDAUNG SETIA INDUSTRIAL Tbk
LION	PT LION METAL WORK Tbk
LMSH	PT LIONMESH PRIMA Tbk
NIPS	PT NIPPRES Tbk
PICO	PT PELANGI INDAH CANINDO Tbk
SKLT	PT SEKAR LAUT Tbk
SMSM	PT SELAMAT SEMPURNA Tbk
SRSN	PT INDO ACITAMA Tbk
STTP	PT SIANTAR TOP Tbk
TCID	PT MANDOM INDONESIA Tbk
TRST	PT TRIAS SENTOSA Tbk

TSPC	PT TEMPO SCAN PASIFIC Tbk
ULTJ	PT ULTRAJAYA MILK INDUSTRY Tbk

LAMPIRAN 2

DATA PERHITUNGAN PBV 2011-2015

NO	Perusahaan	Tahun	PBV 2011- 2015		Hasil
			harga saham	nilai buku	
			closing price	equity per share	
1	AMFG	2011	6550	4943	1.325106
		2012	8300	5661	1.466172
		2013	7000	6361	1.100456
		2014	8050	7338	1.097029
		2015	6550	7811	0.838561
2	APLI	2011	75	144	0.520833
		2012	86	146	0.589041
		2013	65	145	0.448276
		2014	81	150	0.54
		2015	65	147	0.442177
3	ASII	2011	74000	1873	39.50881
		2012	7600	2219	3.424966
		2013	6800	2623	2.592451
		2014	7425	2972	2.498318
		2015	6000	3125	1.92
4	AUTO	2011	3400	6124	0.555193
		2012	3700	1423	2.600141
		2013	3650	1983	1.840645
		2014	4200	2984	1.407507
		2015	1600	2630	0.608365

5	BTON	2011	335	512	0.654297
		2012	700	629	1.112878
		2013	550	771	0.713359
		2014	540	815	0.662577
		2015	4350	8283	0.525172
6	CEKA	2011	950	1362	0.697504
		2012	1300	1558	0.834403
		2013	1160	1776	0.653153
		2014	1500	1807	0.830105
		2015	6750	2150	3.139535
7	CTBN	2011	4250	1633	2.602572
		2012	4400	1724	2.552204
		2013	4500	18516	0.243033
		2014	5300	18193	0.291321
		2015	5225	1673	3.123132
8	GGRM	2011	62050	12760	4.862853
		2012	56300	13828	4.071449
		2013	42000	15288	2.747253
		2014	60700	17270	3.514765
		2015	55000	1975	27.8481
9	INDF	2011	4600	3600	1.277778
		2012	5850	3888	1.50463
		2013	6600	4315	1.529548
		2014	6750	4695	1.4377
		2015	5175	4911	1.053757
10	INDS	2011	3500	2810	1.245552

		2012	4200	3608	1.16408
		2013	2675	3339	0.801138
		2014	1600	2786	0.5743
		2015	3500	2924	1.19699
11	KAEF	2011	340	226	1.504425
		2012	740	260	2.846154
		2013	590	292	2.020548
		2014	1465	322	4.549689
		2015	8700	3352	2.595465
12	KBLM	2011	114	220	0.518182
		2012	135	238	0.567227
		2013	158	242	0.652893
		2014	155	261	0.59387
		2015	132	2647	0.049868
13	KDSI	2011	245	689	0.355588
		2012	495	780	0.634615
		2013	345	869	0.397008
		2014	364	979	0.371808
		2015	191	935	0.204278
14	LION	2011	5250	5807	0.904081
		2012	10400	7148	1.454952
		2013	12000	7993	1.501314
		2014	9300	8535	1.089631
		2015	1050	874	1.201373
15	LMSH	2011	5000	5959	0.839067
		2012	10500	10159	1.033566

		2013	8000	11507	0.695229
		2014	6450	12078	0.534029
		2015	575	117	4.91453
16	NIPS	2011	4000	8300	0.481928
		2012	4100	10104	0.40578
		2013	325	328	0.990854
		2014	478	387	1.235142
		2015	425	420	1.011905
17	PICO	2011	193	331	0.583082
		2012	260	350	0.742857
		2013	155	378	0.410053
		2014	150	407	0.36855
		2015	128	220	0.581818
18	SKLT	2011	140	178	0.786517
		2012	180	187	0.962567
		2013	180	202	0.891089
		2014	300	222	1.351351
		2015	370	220	1.681818
19	SMSM	2011	1360	544	2.5
		2012	2525	632	3.995253
		2013	3450	706	4.886686
		2014	4750	797	5.959849
		2015	4760	1000	4.76
20	SRSN	2011	54	4190	0.012888
		2012	50	4472	0.011181
		2013	50	5222	0.009575

		2014	50	5462	0.009154
		2015	50	5649	0.008851
21	STTP	2011	690	374	1.84492
		2012	1050	443	2.370203
		2013	1550	530	2.924528
		2014	2880	624	4.615385
		2015	3015	770	3.915584
22	TCID	2011	7700	5075	1.517241
		2012	11000	5455	2.016499
		2013	11900	5884	2.022434
		2014	17525	6383	2.745574
		2015	17000	852	19.95305
23	TRST	2011	390	462	0.844156
		2012	345	482	0.715768
		2013	250	609	0.410509
		2014	380	627	0.606061
		2015	310	696	0.445402
24	TSPC	2011	2550	677	3.766617
		2012	3725	745	5
		2013	3250	858	3.787879
		2014	2865	918	3.120915
		2015	1750	963	1.817238
25	ULTJ	2011	1080	414	2.608696
		2012	1330	580	2.293103
		2013	4500	698	6.446991
		2014	3720	784	4.744898

		2015	3945	968	4.075413
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LAMPIRAN 3

DATA PERHITUNGAN PER 2011-2015

NO	Perusahaan	Tahun	PER 2011- 2015		Hasil
			harga saham	EPS	
1	AMFG	2011	6550	776000	0.00844
		2012	8300	779000	0.01065
		2013	7000	780000	0.00897
		2014	8050	1057	7.61589
		2015	6550	786000	0.00833
2	APLI	2011	75	10900	0.00688
		2012	86	2800	0.03071
		2013	65	1300	0.05000
		2014	81	6700	0.01209
		2015	65	1350	0.04815
3	ASII	2011	74000	527000	0.14042
		2012	7600	555000	0.01369
		2013	6800	586000	0.01160
		2014	7425	547000	0.01357
		2015	6000	357000	0.01681
4	AUTO	2011	3400	1434	2.37099
		2012	3700	279000	0.01326
		2013	3650	228000	0.01601
		2014	4200	239000	0.01757

		2015	1600	66000	0.02424
5	BTON	2011	335	106000	0.00316
		2012	700	137000	0.00511
		2013	550	142000	0.00387
		2014	540	43000	0.01256
		2015	4350	35130	0.12383
6	CEKA	2011	950	324000	0.00293
		2012	1300	196000	0.00663
		2013	1160	218000	0.00532
		2014	1500	131000	0.01145
		2015	6750	179000	0.03771
7	CTBN	2011	4250	570000	0.00746
		2012	4400	417000	0.01055
		2013	4500	585000	0.00769
		2014	5300	3158	1.67828
		2015	5225	0.0101	517326.73267
8	GGRM	2011	62050	2577	24.07839
		2012	56300	2115	26.61939
		2013	42000	2278	18.43723
		2014	60700	2804	21.64765
		2015	55000	3345	16.44245
9	INDF	2011	4600	571000	0.00806
		2012	5850	555000	0.01054
		2013	6600	588000	0.01122
		2014	6750	548000	0.01232
		2015	5175	293000	0.01766

10	INDS	2011	3500	535000	0.00654
		2012	4200	1715	2.44898
		2013	2675	783	3.41635
		2014	1600	195000	0.00821
		2015	3500	1400	2.50000
11	KAEF	2011	340	31000	0.01097
		2012	740	37000	0.02000
		2013	590	39000	0.01513
		2014	1465	43000	0.03407
		2015	8700	44810	0.19415
12	KBLM	2011	114	17000	0.00671
		2012	135	21000	0.00643
		2013	158	7000	0.02257
		2014	155	19000	0.00816
		2015	132	11000	0.01200
13	KDSI	2011	245	58000	0.00422
		2012	495	91000	0.00544
		2013	345	89000	0.00388
		2014	364	110000	0.00331
		2015	191	28320	0.00674
14	LION	2011	5250	1010	5.19802
		2012	10400	1641	6.33760
		2013	12000	1245	9.63855
		2014	9300	942000	0.00987
		2015	1050	88000	0.01193
15	LMSH	2011	5000	1135	4.40529

		2012	10500	4300	2.44186
		2013	8000	1498	5.34045
		2014	6450	771000	0.00837
		2015	575	20000	0.02875
16	NIPS	2011	4000	892000	0.00448
		2012	4100	2175	1.88506
		2013	325	47000	0.00691
		2014	478	79000	0.00605
		2015	425	21000	0.02024
17	PICO	2011	193	22000	0.00877
		2012	260	20000	0.01300
		2013	155	28000	0.00554
		2014	150	28000	0.00536
		2015	128	26000	0.00492
18	SKLT	2011	140	9000	0.01556
		2012	180	12000	0.01500
		2013	180	17000	0.01059
		2014	300	24000	0.01250
		2015	370	29550	0.01252
19	SMSM	2011	1360	168000	0.00810
		2012	2525	177000	0.01427
		2013	3450	235000	0.01468
		2014	4750	292000	0.01627
		2015	4760	297000	0.01603
20	SRSN	2011	54	3980	0.01357
		2012	50	2820	0.01773

		2013	50	7500	0.00667
		2014	50	2400	0.02083
		2015	50	2580	0.01938
21	STTP	2011	690	33000	0.02091
		2012	1050	57000	0.01842
		2013	1550	87000	0.01782
		2014	2880	94000	0.03064
		2015	3015	141780	0.02127
22	TCID	2011	7700	698000	0.01103
		2012	11000	750000	0.01467
		2013	11900	799000	0.01489
		2014	17525	870000	0.02014
		2015	17000	2708	6.27770
23	TRST	2011	390	54000	0.00722
		2012	345	40000	0.00863
		2013	250	137000	0.00182
		2014	380	23000	0.01652
		2015	310	9000	0.03444
24	TSPC	2011	2550	130000	0.01962
		2012	3725	143000	0.02605
		2013	3250	150000	0.02167
		2014	2865	150000	0.01910
		2015	1750	116000	0.01509
25	ULTJ	2011	1080	44000	0.02455
		2012	1330	122000	0.01090
		2013	4500	113000	0.03982

	2014	3720	98000	0.03796
	2015	3945	180000	0.02192

LAMPIRAN 4

DATA PERHITUNGAN ROA 2011-2015

NO	Perusahaan	Tahun	ROA 2011- 2015		Hasil
			Laba Bersih	Total Aset	
1	AMFG	2011	336.995	2.690.595	0.12525
		2012	346.609	3.115.421	0.11126
		2013	338.358	3.539.393	0.09560
		2014	458.635	3.918.391	0.11705
		2015	341.346	4.270.275	0.07994
2	APLI	2011	16.386	334.702	0.04896
		2012	420.370	333.867	1.25909
		2013	188.158	303.594	0.61977
		2014	96.910	273.127	0.35482
		2015	185.427	308.620	0.60083
3	ASII	2011	21.348.000	154319000	0.13834
		2012	22.460	182.274	0.12322
		2013	23.708	213.994	0.11079
		2014	22.157	236.027	0.09387
		2015	16.454	245.435	0.06704
4	AUTO	2011	1.006.716	6.964.227	0.14456
		2012	1.053.246	8.881.642	0.11859
		2013	1.006.262	12.617.678	0.07975
		2014	954.086	14.387.568	0.06631

		2015	322.701	14.339.110	0.02250
5	BTON	2011	19.146.696.476	118.715.558.433	0.16128
		2012	24.761.627.150	145.100.528.067	0.17065
		2013	25.882.922.986	176.136.296.407	0.14695
		2014	7.536.835.958	174.088.741.855	0.04329
		2015	6.323.778.025	183.116.245.288	0.03453
6	CEKA	2011	96.305.943.766	823.360.918.368	0.11697
		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
7	CTBN	2011	456.164	2.221.876	0.20531
		2012	333.888	2.595.800	0.12863
		2013	468.158	3.363.836	0.13917
		2014	315.795	3.232.051	0.09771
		2015	8.140.945	230.679.826	0.03529
8	GGRM	2011	4.958.102	39088705	0.12684
		2012	4.383.932	41509325	0.10561
		2013	4.068.711	50770251	0.08014
		2014	5.432.667	58234278	0.09329
		2015	6.452.834	63505413	0.10161
9	INDF	2011	4.891.673	53.715.950	0.09107
		2012	4.779.446	59.389.405	0.08048
		2013	3.416.635	78.092.789	0.04375
		2014	5.229.489	86.077.251	0.06075
		2015	3.709.501	91.831.526	0.04039

10	INDS	2011	120.218	1.139.715	0.10548
		2012	134.068	1.664.779	0.08053
		2013	147608	2196518	0.06720
		2014	125.350.362.943	2.282.666.078.493	0.05491
		2015	1.933.819.152	2.553.928.346	0.75719
11	KAEF	2011	171.763	1.794.400	0.09572
		2012	205.764	2.076.348	0.09910
		2013	215.642	2.471.940	0.08724
		2014	257.836	3.012.779	0.08558
		2015	252.973	3.236.224	0.07817
12	KBLM	2011	19.003	642.955	0.02956
		2012	23.833	722.941	0.03297
		2013	7.678	654.296	0.01173
		2014	20.498.841.379	647.249.655.440	0.03167
		2015	12.760.365.612	654.385.717.061	0.01950
13	KDSI	2011	23628732460	5.87567E+11	0.04021
		2012	36837060793	5.70564E+11	0.06456
		2013	36002772194	8.50234E+11	0.04234
		2014	45687373251	9.60333E+11	0.04757
		2015	11470563293	1.17709E+12	0.00974
14	LION	2011	52.535.147.701	365.815.749.593	0.14361
		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
15	LMSH	2011	10.897.341.682	98.019.132.648	0.11118

		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
16	NIPS	2011	17.831	446.688	0.03992
		2012	21.610	524.694	0.04119
		2013	33.872	798.408	0.04242
		2014	49.742	1.206.854	0.04122
		2015	30.671	1.547.720	0.01982
17	PICO	2011	12.323	561.840	0.02193
		2012	11.199	594.616	0.01883
		2013	15.922	621.400	0.02562
		2014	16.226.153.752	626.626.507.164	0.02589
		2015	14.975.406.018	605.788.310.444	0.02472
18	SKLT	2011	5.977	214.238	0.02790
		2012	7.963	249.746	0.03188
		2013	11.440	301.989	0.03788
		2014	16.855.973.113	336.932.338.819	0.05003
		2015	20.066.791.849	377.110.748.359	0.05321
19	SMSM	2011	219.260.485.960	1.136.857.942.381	0.19287
		2012	254.635.403.407	1.556.214.342.213	0.16362
		2013	338.222.792.309	1.701.103.245.176	0.19883
		2014	411.162	1.757.634	0.23393
		2015	446.088	2.220.108	0.20093
20	SRSN	2011	23.988	361.182	0.06642
		2012	16.964	402.109	0.04219

		2013	15.994	420.782	0.03801
		2014	14.600.316	464.949.206	0.03140
		2015	15.504.788	574.073.314	0.02701
21	STTP	2011	42.672	934.766	0.04565
		2012	74.626	1.249.841	0.05971
		2013	114.437	1.470.059	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
22	TCID	2011	140.038.819.641	1.130.865.062.422	0.12383
		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
23	TRST	2011	144.001.061.809	2.132.449.783.092	0.06753
		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	3.357.359.499.954	0.00754
24	TSPC	2011	586.362.346.430	4.250.374.395.321	0.13796
		2012	643.568.078.718	4.632.984.970.719	0.13891
		2013	674.146.721.834	5.407.957.915.805	0.12466
		2014	585.790.816.012	5.609.556.653.195	0.10443
		2015	529.218.651.807	6.284.729.099.203	0.08421
25	ULTJ	2011	101.323.273.593	2.179.181.979.434	0.04650
		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

LAMPIRAN 5

DATA PERHITUNGAN KM 2011-2015

NO	Perusahaan	Tahun	KM 2011 - 2015		Hasil
			pemegang saham	jumlah saham	
1	AMFG	2011	20.000.000	434.000.000	0.04608
		2012	20.000.000	434.000.000	0.04608
		2013	20.000.000	434.000.000	0.04608
		2014	20.000.000	434.000.000	0.04608
		2015	20.000.000	434.000.000	0.04608
2	APLI	2011	348.899.848	1.500.000.000	0.23260
		2012	348.899.848	1.500.000.000	0.23260
		2013	348.899.848	1.500.000.000	0.23260
		2014	348.899.848	1.500.000.000	0.23260
		2015	348.899.848	1.500.000.000	0.23260
3	ASII	2011	14.640.000	40.483.553.140	0.00036
		2012	14.640.000	40.483.553.140	0.00036
		2013	14.640.000	40.483.553.140	0.00036
		2014	14.915.000	40.483.553.140	0.00037
		2015	14.915.000	40.483.554.140	0.00037
4	AUTO	2011	271.700.000	3.855.786.400	0.07047
		2012	271.700.000	3.855.786.400	0.07047
		2013	271.700.000	3.855.786.400	0.07047
		2014	271.700.000	3.855.786.400	0.07047

		2015	271.700.000	3.855.786.400	0.07047
5	BTON	2011	17.250.000	180.000.000	0.09583
		2012	17.250.000	180.000.000	0.09583
		2013	17.250.000	180.000.000	0.09583
		2014	17.250.000	180.000.000	0.09583
		2015	17.250.000	180.000.000	0.09583
6	CEKA	2011	2.250.000	297.500.000	0.00756
		2012	2.250.000	297.500.000	0.00756
		2013	2.250.000	297.500.000	0.00756
		2014	2.250.000	297.500.000	0.00756
		2015	2.250.000	297.500.000	0.00756
7	CTBN	2011	54.171.000	800.371.500	0.06768
		2012	54.171.000	800.371.500	0.06768
		2013	54.171.000	800.371.500	0.06768
		2014	304.150	800.371.500	0.00038
		2015	308.150	800.371.500	0.00039
8	GGRM	2011	16.425.600	1.924.088.000	0.00854
		2012	17.702.200	1.924.088.001	0.00920
		2013	17.702.200	1.924.088.000	0.00920
		2014	17.702.200	1.924.088.000	0.00920
		2015	17.702.200	1.924.088.000	0.00920
9	INDF	2011	1.380.020.000	8.780.426.500	0.15717
		2012	1.380.020.000	8.780.426.500	0.15717
		2013	1.380.020.000	8.780.426.500	0.15717
		2014	1.380.020.000	8.780.426.500	0.15717
		2015	1.380.020.000	8.780.426.500	0.15717

10	INDS	2011	5.212.000	225.000.000	0.02316
		2012	5.212.000	225.000.000	0.02316
		2013	5.212.000	225.000.000	0.02316
		2014	2.856.434	656.249.710	0.00435
		2015	2.856.434	656.249.710	0.00435
11	KAEF	2011	2.725.000.000	5.554.000.000	0.49064
		2012	1.250.000.000	5.554.000.000	0.22506
		2013	1.250.000.000	5.554.000.000	0.22506
		2014	1.250.000.000	5.554.000.000	0.22506
		2015	1.250.000.000	5.554.000.000	0.22506
12	KBLM	2011	171.765.200	1.064.000.000	0.16143
		2012	171.765.200	1.064.000.000	0.16143
		2013	100.000.000	1.064.000.000	0.09398
		2014	100.000.000	1.120.000.000	0.08929
		2015	100.000.000	1.120.000.000	0.08929
13	KDSI	2011	27.907.500	405.000.000	0.06891
		2012	21.611.000	405.000.000	0.05336
		2013	20.879.000	405.000.000	0.05155
		2014	20.879.000	405.000.000	0.05155
		2015	21.281.500	405.000.000	0.05255
14	LION	2011	12.950.000	52.016.000	0.24896
		2012	12.950.000	52.016.000	0.24896
		2013	12.950.000	52.016.000	0.24896
		2014	12.950.000	52.016.000	0.24896
		2015	12.950.000	52.001.600	0.24903
15	LMSH	2011	2.417.500	9.600.000	0.25182

		2012	2.417.500	9.600.000	0.25182
		2013	2.417.500	9.600.000	0.25182
		2014	2.417.500	9.600.000	0.25182
		2015	2.417.500	9.600.000	0.25182
16	NIPS	2011	4.883.000	20.000.000	0.24415
		2012	4.883.000	20.000.000	0.24415
		2013	89.280.000	720.000.000	0.12400
		2014	89.280.000	1.486.666.666	0.06005
		2015	89.280.000	1.486.666.666	0.06005
17	PICO	2011	46.500.000	568.375.000	0.08181
		2012	46.500.000	568.375.000	0.08181
		2013	46.500.000	568.375.000	0.08181
		2014	46.500.000	1.120.000.000	0.04152
		2015	46.500.000	1.120.000.000	0.04152
18	SKLT	2011	846.000	690.740.500	0.00122
		2012	846.000	690.740.500	0.00122
		2013	846.000	690.740.500	0.00122
		2014	846.000	690.740.500	0.00122
		2015	846.000	690.740.500	0.00122
19	SMSM	2011	87.003.806	1.439.668.860	0.06043
		2012	87.003.806	1.439.668.860	0.06043
		2013	87.003.806	1.439.668.860	0.06043
		2014	120.093.806	1.439.668.860	0.08342
		2015	115.119.453	1.439.668.860	0.07996
20	SRSN	2011	304.710.000	6.020.000.000	0.05062
		2012	726.876.144	6.020.000.000	0.12074

		2013	567.100.467	6.020.000.000	0.09420
		2014	697.978.645	6.020.000.000	0.11594
		2015	697.978.645	6.020.000.000	0.11594
21	STTP	2011	41.494.100	1.310.000.000	0.03167
		2012	41.494.100	1.310.000.000	0.03167
		2013	41.494.100	1.310.000.000	0.03167
		2014	41.494.100	1.310.000.000	0.03167
		2015	41.790.800	1.310.000.000	0.03190
22	TCID	2011	285.225	201.066.667	0.00142
		2012	284.892	201.066.667	0.00142
		2013	284.892	201.066.667	0.00142
		2014	284.892	201.066.667	0.00142
		2015	273.004	201.066.667	0.00136
23	TRST	2011	535.578.590	2.808.000.000	0.19073
		2012	535.578.590	2.808.000.000	0.19073
		2013	419.861.090	2.808.000.000	0.14952
		2014	333.365.590	2.808.000.000	0.11872
		2015	241.717.459	2.808.000.000	0.08608
24	TSPC	2011	438.300.000	4.500.000.000	0.09740
		2012	438.300.000	4.500.000.000	0.09740
		2013	438.300.000	4.500.000.000	0.09740
		2014	438.300.000	4.500.000.000	0.09740
		2015	438.300.000	4.500.000.000	0.09740
25	ULTJ	2011	519.055.500	2.888.382.000	0.17970
		2012	514.055.500	2.888.382.000	0.17797
		2013	514.055.500	2.888.382.000	0.17797

		2014	516.776.500	2.888.382.000	0.17892
		2015	517.156.900	2.888.382.000	0.17905

LAMPIRAN 6

DATA SEBELUM OUTLIER

NO	Perusahaan	Tahun	PBV	PER	KM	ROA
1	AMFG	2011	1,34534	0,00857	0,04608	0,125249
		2012	1,46617	0,01065	0,04608	0,111256
		2013	1,10046	0,00897	0,04608	0,095598
		2014	1,09703	7,61589	0,04608	0,117047
		2015	0,83856	0,00833	0,04608	0,079935
2	APLI	2011	5,20833	0,68807	0,23260	0,048957
		2012	5,89041	3,07143	0,23260	1,259094
		2013	4,48276	5,00000	0,23260	0,619769
		2014	5,41082	1,20896	0,23260	0,354817
		2015	4,40081	4,81481	0,23260	0,600826
3	ASII	2011	3,95088	0,01404	0,00036	0,138337
		2012	3,42497	0,01369	0,00036	0,123221
		2013	2,59245	0,01160	0,00036	0,110788
		2014	2,49832	0,01357	0,00037	0,093875
		2015	1,92000	0,01681	0,00037	0,06704
4	AUTO	2011	0,55519	2,37099	0,07047	0,144555
		2012	2,60014	0,01326	0,07047	0,118587
		2013	1,88338	0,01601	0,07047	0,07975
		2014	1,40751	0,01757	0,07047	0,066313
		2015	0,60837	0,02424	0,07047	0,022505
5	BTON	2011	6,54297	0,03160	0,09583	0,161282
		2012	11,12878	0,05109	0,09583	0,170652
		2013	7,13359	0,03873	0,09583	0,146948
		2014	6,62577	0,12558	0,09583	0,043293
		2015	0,52517	0,12383	0,09583	0,034534
6	CEKA	2011	3,48752	0,01466	0,00756	0,116967
		2012	4,17202	0,03316	0,00756	0,056772
		2013	3,26577	0,02661	0,00756	0,060833
		2014	4,15053	0,05725	0,00756	0,031929
		2015	3,13953	0,03771	0,00756	0,071711

7	CTBN	2011	2,60257	0,00746	0,06768	0,205306
		2012	2,90023	0,01199	0,06768	0,128626
		2013	0,24303	0,00769	0,06768	0,139174
		2014	0,29132	1,67828	0,00038	0,097707
		2015	3,12313	517326	0,00039	0,035291
8	GGRM	2011	4,86285	24,07839	0,00854	0,126842
		2012	4,07145	26,61939	0,00920	0,105613
		2013	2,74725	18,43723	0,00920	0,08014
		2014	3,51477	21,64765	0,00920	0,09329
		2015	27,84810	16,44245	0,00920	0,101611
9	INDF	2011	1,27778	0,00806	0,15717	0,091066
		2012	1,50463	0,01054	0,15717	0,080476
		2013	1,52955	0,01122	0,15717	0,043751
		2014	1,43770	0,01232	0,15717	0,060753
		2015	1,05376	0,01766	0,15717	0,040395
10	INDS	2011	0,83132	0,00437	0,02316	0,105481
		2012	1,08758	2,28805	0,02316	0,080532
		2013	0,63090	2,73308	0,02316	0,067201
		2014	0,57430	0,00821	0,00435	0,054914
		2015	1,19699	2,50000	0,00435	0,757194
11	KAEF	2011	15,04425	0,10968	0,49064	0,095722
		2012	28,46154	0,20000	0,22506	0,099099
		2013	20,20548	0,15128	0,22506	0,087236
		2014	4,54969	0,03407	0,22506	0,085581
		2015	2,59547	0,19415	0,22506	0,078169
12	KBLM	2011	0,51818	0,00671	0,16143	0,029556
		2012	0,56723	0,00643	0,16143	0,032967
		2013	0,65289	0,02257	0,09398	0,011735
		2014	0,59387	0,00816	0,08929	0,031671
		2015	0,49868	0,12000	0,08929	0,0195
13	KDSI	2011	3,55588	0,04224	0,06891	0,040215
		2012	6,34615	0,05440	0,05336	0,064563
		2013	3,97008	0,03876	0,05155	0,042345
		2014	3,71808	0,03309	0,05155	0,047575
		2015	2,04278	0,06744	0,05255	0,009745
14	LION	2011	0,90408	5,19802	0,24896	0,143611
		2012	0,14550	0,63376	0,24896	0,196942
		2013	0,15013	0,96386	0,24896	0,129895
		2014	1,08963	0,00987	0,24896	0,080495

		2015	1,20137	0,01193	0,24903	0,071979
15	LMSH	2011	0,83907	4,40529	0,25182	0,111176
		2012	0,10336	0,24419	0,25182	0,321145
		2013	0,69523	5,34045	0,25182	0,101504
		2014	0,53403	0,00837	0,25182	0,053923
		2015	4,91453	0,02875	0,25182	0,014534
16	NIPS	2011	0,01325	0,00012	0,24415	0,039918
		2012	0,01118	0,05195	0,24415	0,041186
		2013	9,84756	0,06872	0,12400	0,042424
		2014	54,00517	0,26456	0,06005	0,041216
		2015	10,11905	0,20238	0,06005	0,019817
17	PICO	2011	0,58308	0,00877	0,08181	0,021933
		2012	0,74286	0,01300	0,08181	0,018834
		2013	0,41005	0,00554	0,08181	0,025623
		2014	0,39312	0,00571	0,04152	0,025894
		2015	0,58182	0,00492	0,04152	0,024721
18	SKLT	2011	0,78652	0,01556	0,00122	0,027899
		2012	0,96257	0,01500	0,00122	0,031884
		2013	0,89109	0,01059	0,00122	0,037882
		2014	1,35135	0,01250	0,00122	0,050028
		2015	1,68182	0,01252	0,00122	0,053212
19	SMSM	2011	2,22951	0,00810	0,06043	0,192865
		2012	3,99525	0,01427	0,06043	0,163625
		2013	4,88669	0,01468	0,06043	0,198826
		2014	5,95985	0,01627	0,08342	0,233929
		2015	4,76000	0,01603	0,07996	0,200931
20	SRSN	2011	12,88783	13,56784	0,05062	0,066415
		2012	11,18068	17,73050	0,12074	0,042188
		2013	9,57488	6,66667	0,09420	0,03801
		2014	9,15416	20,83333	0,11594	0,031402
		2015	8,85112	19,37984	0,11594	0,027008
21	STTP	2011	18,44920	0,20909	0,03167	0,04565
		2012	2,37020	0,01842	0,03167	0,059708
		2013	2,92453	0,01782	0,03167	0,077845
		2014	4,61538	0,03064	0,03167	0,072718
		2015	3,91558	0,02127	0,03190	0,096743
22	TCID	2011	1,51724	0,01103	0,00142	0,123833
		2012	2,01650	0,01467	0,00142	0,119196
		2013	2,02243	0,01489	0,00142	0,109245

		2014	2,74557	0,02014	0,00142	0,094345
		2015	19,95305	6,27770	0,00136	0,261503
23	TRST	2011	0,84416	0,00722	0,19073	0,067528
		2012	0,71577	0,00863	0,19073	0,028085
		2013	0,41051	0,00182	0,14952	0,010109
		2014	0,60606	0,01652	0,11872	0,009277
		2015	0,44540	0,03444	0,08608	0,00754
24	TSPC	2011	3,76662	0,01962	0,09740	0,137955
		2012	0,49993	0,02605	0,09740	0,13891
		2013	3,78788	0,02167	0,09740	0,124658
		2014	3,12092	0,01910	0,09740	0,104427
		2015	1,81724	0,01509	0,09740	0,084207
25	ULTJ	2011	2,60870	0,02455	0,17970	0,046496
		2012	2,29310	0,01090	0,17797	0,145998
		2013	6,44699	0,03982	0,17797	0,115637
		2014	4,74490	0,03796	0,17892	0,097001
		2015	4,07541	0,02192	0,17905	0,147769

LAMPIRAN 7

DATA SETELAH OUTLIER

NO	Perusahaan	Tahun	PBV	PER	KM	ROA
1	AMFG	2011	1,34534	0,00857	0,04608	0,125249
		2012	1,46617	0,01065	0,04608	0,111256
		2013	1,10046	0,00897	0,04608	0,095598
		2014	1,09703	7,61589	0,04608	0,117047
		2015	0,83856	0,00833	0,04608	0,079935
2	APLI	2011	5,20833	0,68807	0,23260	0,048957
		2014	5,41082	1,20896	0,23260	0,354817
3	ASII	2011	3,95088	0,01404	0,00036	0,138337
		2012	3,42497	0,01369	0,00036	0,123221
		2013	2,59245	0,01160	0,00036	0,110788
		2014	2,49832	0,01357	0,00037	0,093875
		2015	1,92000	0,01681	0,00037	0,06704
4	AUTO	2011	0,55519	2,37099	0,07047	0,144555
		2012	2,60014	0,01326	0,07047	0,118587
		2013	1,88338	0,01601	0,07047	0,07975
		2014	1,40751	0,01757	0,07047	0,066313
		2015	0,60837	0,02424	0,07047	0,022505
5	BTON	2011	6,54297	0,03160	0,09583	0,161282
		2012	11,12878	0,05109	0,09583	0,170652
		2013	7,13359	0,03873	0,09583	0,146948
		2014	6,62577	0,12558	0,09583	0,043293
		2015	0,52517	0,12383	0,09583	0,034534
6	CEKA	2011	3,48752	0,01466	0,00756	0,116967
		2012	4,17202	0,03316	0,00756	0,056772
		2013	3,26577	0,02661	0,00756	0,060833
		2014	4,15053	0,05725	0,00756	0,031929
		2015	3,13953	0,03771	0,00756	0,071711
7	CTBN	2011	2,60257	0,00746	0,06768	0,205306
		2012	2,90023	0,01199	0,06768	0,128626
		2013	0,24303	0,00769	0,06768	0,139174

		2014	0,29132	1,67828	0,00038	0,097707
8	GGRM	2011	4,86285	24,07839	0,00854	0,126842
		2012	4,07145	26,61939	0,00920	0,105613
		2013	2,74725	18,43723	0,00920	0,08014
		2014	3,51477	21,64765	0,00920	0,09329
9	INDF	2011	1,27778	0,00806	0,15717	0,091066
		2012	1,50463	0,01054	0,15717	0,080476
		2013	1,52955	0,01122	0,15717	0,043751
		2014	1,43770	0,01232	0,15717	0,060753
		2015	1,05376	0,01766	0,15717	0,040395
10	INDS	2011	0,83132	0,00437	0,02316	0,105481
		2012	1,08758	2,28805	0,02316	0,080532
		2013	0,63090	2,73308	0,02316	0,067201
		2014	0,57430	0,00821	0,00435	0,054914
11	KAEF	2013	20,20548	0,15128	0,22506	0,087236
		2014	4,54969	0,03407	0,22506	0,085581
		2015	2,59547	0,19415	0,22506	0,078169
12	KBLM	2011	0,51818	0,00671	0,16143	0,029556
		2012	0,56723	0,00643	0,16143	0,032967
		2013	0,65289	0,02257	0,09398	0,011735
		2014	0,59387	0,00816	0,08929	0,031671
		2015	0,49868	0,12000	0,08929	0,0195
13	KDSI	2011	3,55588	0,04224	0,06891	0,040215
		2012	6,34615	0,05440	0,05336	0,064563
		2013	3,97008	0,03876	0,05155	0,042345
		2014	3,71808	0,03309	0,05155	0,047575
		2015	2,04278	0,06744	0,05255	0,009745
14	LION	2011	0,90408	5,19802	0,24896	0,143611
		2012	0,14550	0,63376	0,24896	0,196942
		2013	0,15013	0,96386	0,24896	0,129895
		2014	1,08963	0,00987	0,24896	0,080495
		2015	1,20137	0,01193	0,24903	0,071979
15	LMSH	2011	0,83907	4,40529	0,25182	0,111176
		2012	0,10336	0,24419	0,25182	0,321145
		2013	0,69523	5,34045	0,25182	0,101504
		2014	0,53403	0,00837	0,25182	0,053923
		2015	4,91453	0,02875	0,25182	0,014534
16	NIPS	2011	0,01325	0,00012	0,24415	0,039918
		2012	0,01118	0,05195	0,24415	0,041186

		2013	9,84756	0,06872	0,12400	0,042424
		2014	54,00517	0,26456	0,06005	0,041216
17	PICO	2011	0,58308	0,00877	0,08181	0,021933
		2012	0,74286	0,01300	0,08181	0,018834
		2013	0,41005	0,00554	0,08181	0,025623
		2014	0,39312	0,00571	0,04152	0,025894
		2015	0,58182	0,00492	0,04152	0,024721
18	SKLT	2011	0,78652	0,01556	0,00122	0,027899
		2012	0,96257	0,01500	0,00122	0,031884
		2013	0,89109	0,01059	0,00122	0,037882
		2014	1,35135	0,01250	0,00122	0,050028
		2015	1,68182	0,01252	0,00122	0,053212
19	SMSM	2011	2,22951	0,00810	0,06043	0,192865
		2012	3,99525	0,01427	0,06043	0,163625
		2013	4,88669	0,01468	0,06043	0,198826
		2014	5,95985	0,01627	0,08342	0,233929
		2015	4,76000	0,01603	0,07996	0,200931
20	SRSN	2011	12,88783	13,56784	0,05062	0,066415
		2012	11,18068	17,73050	0,12074	0,042188
		2013	9,57488	6,66667	0,09420	0,03801
		2014	9,15416	20,83333	0,11594	0,031402
		2015	8,85112	19,37984	0,11594	0,027008
21	STTP	2011	18,44920	0,20909	0,03167	0,04565
		2012	2,37020	0,01842	0,03167	0,059708
		2013	2,92453	0,01782	0,03167	0,077845
		2014	4,61538	0,03064	0,03167	0,072718
		2015	3,91558	0,02127	0,03190	0,096743
22	TCID	2011	1,51724	0,01103	0,00142	0,123833
		2012	2,01650	0,01467	0,00142	0,119196
		2013	2,02243	0,01489	0,00142	0,109245
		2014	2,74557	0,02014	0,00142	0,094345
		2015	19,95305	6,27770	0,00136	0,261503
23	TRST	2011	0,84416	0,00722	0,19073	0,067528
		2012	0,71577	0,00863	0,19073	0,028085
		2013	0,41051	0,00182	0,14952	0,010109
		2014	0,60606	0,01652	0,11872	0,009277
		2015	0,44540	0,03444	0,08608	0,00754
24	TSPC	2011	3,76662	0,01962	0,09740	0,137955
		2012	0,49993	0,02605	0,09740	0,13891

		2013	3,78788	0,02167	0,09740	0,124658
		2014	3,12092	0,01910	0,09740	0,104427
		2015	1,81724	0,01509	0,09740	0,084207
25	ULTJ	2011	2,60870	0,02455	0,17970	0,046496
		2012	2,29310	0,01090	0,17797	0,145998
		2013	6,44699	0,03982	0,17797	0,115637
		2014	4,74490	0,03796	0,17892	0,097001
		2015	4,07541	0,02192	0,17905	0,147769

LAMPIRAN 8

PERSAMAAN 1 MENGGUNAKAN STD. DEV (PER)

Dependent Variable: PBV

Method: Least Squares

Date: 03/26/17 Time: 22:55

Sample: 1 116

Included observations: 116

Weighting series: PER

Weight type: Standard deviation (average scaling)

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	0.242278	0.164637	1.471587	0.1439
PER	56.47987	8.297942	6.806492	0.0000
KM	-2.662133	0.591626	-4.499685	0.0000
ROA	10.40490	1.356600	7.669838	0.0000

Weighted Statistics

R-squared	0.777019	Mean dependent var	0.134355
Adjusted R-squared	0.771047	S.D. dependent var	0.112136
S.E. of regression	0.082939	Akaike info criterion	-2.107542
Sum squared resid	0.770440	Schwarz criterion	-2.012590
Log likelihood	126.2374	Hannan-Quinn criter.	-2.068997
F-statistic	130.0952	Durbin-Watson stat	1.338885
Prob(F-statistic)	0.000000	Weighted mean dep.	0.027043

Unweighted Statistics

R-squared	6945.231172	Mean dependent var	3.260349
Adjusted R-squared	7131.290935	S.D. dependent var	3.795497
S.E. of regression	320.5407	Sum squared resid	11507593
Durbin-Watson stat	0.637356		

LAMPIRAN 9

Date: 03/26/17 Time: 22:55

Sample: 1 116

Included observations: 116

Autocorrelation	Partial Correlation	AC	PAC	Q-Stat	Prob	
. *	. *	1	0.104	0.104	1.2996	0.254
. .	. .	2	-0.035	-0.046	1.4449	0.486
. .	. .	3	-0.028	-0.020	1.5402	0.673
. .	. .	4	-0.058	-0.055	1.9465	0.746
* .	* .	5	-0.092	-0.083	2.9955	0.701
* .	* .	6	-0.117	-0.106	4.7085	0.582
* .	* .	7	-0.095	-0.086	5.8483	0.558
* .	* .	8	-0.078	-0.082	6.6101	0.579
* .	* .	9	-0.108	-0.125	8.1156	0.523
. .	. .	10	0.028	0.012	8.2167	0.608
. **	. **	11	0.283	0.246	18.637	0.068
. .	. .	12	0.025	-0.060	18.721	0.095
. .	* .	13	-0.062	-0.086	19.229	0.116
. .	* .	14	-0.049	-0.070	19.548	0.145
. .	. .	15	-0.042	-0.051	19.787	0.180
. .	. .	16	-0.051	-0.040	20.141	0.214
. .	. .	17	-0.053	-0.026	20.532	0.248
. .	. .	18	0.015	0.034	20.563	0.302
. *	. *	19	0.084	0.100	21.555	0.307
. .	. .	20	0.015	0.029	21.586	0.363
. .	. .	21	0.055	0.014	22.017	0.399
. *	. .	22	0.111	-0.002	23.796	0.358
. .	. .	23	0.005	-0.017	23.800	0.415
. .	. .	24	-0.030	0.009	23.933	0.465
. .	. .	25	-0.025	0.020	24.028	0.518
. .	. .	26	0.006	0.057	24.034	0.574
* .	. .	27	-0.079	-0.036	25.005	0.574
* .	. .	28	-0.081	-0.027	26.034	0.571
. .	. .	29	-0.012	-0.016	26.055	0.623
. .	* .	30	-0.063	-0.128	26.685	0.640
* .	* .	31	-0.086	-0.101	27.863	0.628
. .	* .	32	-0.064	-0.095	28.531	0.643
. .	. .	33	-0.014	-0.058	28.564	0.688
. .	. .	34	0.014	0.005	28.598	0.730
. .	* .	35	-0.046	-0.073	28.948	0.755
* .	* .	36	-0.070	-0.136	29.792	0.758

LAMPIRAN 10

Heteroskedasticity Test: Harvey

F-statistic	0.874736	Prob. F(2,113)	0.4198
Obs*R-squared	1.768537	Prob. Chi-Square(2)	0.4130
Scaled explained SS	1.714686	Prob. Chi-Square(2)	0.4243

Test Equation:

Dependent Variable: LWRESID2

Method: Least Squares

Date: 03/26/17 Time: 22:56

Sample: 1 116

Included observations: 116

Collinear test regressors dropped from specification

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-6.244684	0.253411	-24.64251	0.0000
KM*WGT	-3.323350	5.067027	-0.655878	0.5132
ROA*WGT	14.06071	30.92097	0.454730	0.6502
R-squared	0.015246	Mean dependent var		-6.208118
Adjusted R-squared	-0.002183	S.D. dependent var		2.196849
S.E. of regression	2.199246	Akaike info criterion		4.439628
Sum squared resid	546.5450	Schwarz criterion		4.510841
Log likelihood	-254.4984	Hannan-Quinn criter.		4.468536
F-statistic	0.874736	Durbin-Watson stat		1.561293
Prob(F-statistic)	0.419776			

LAMPIRAN 11

Variance Inflation Factors

Date: 03/26/17 Time: 22:56

Sample: 1 116

Included observations: 116

Variable	Coefficient Variance	Uncentered VIF	Centered VIF
C	0.027105	457.0801	NA
PER	68.85583	1.913808	1.859757
KM	0.350022	348.3562	1.847295
ROA	1.840364	51.27954	1.290283

	PBV	PER	KM	ROA
Mean	3.260349	1.839850	0.093530	0.087784
Median	2.032605	0.019880	0.070470	0.078960
Maximum	20.20548	26.61939	0.251820	0.354817
Minimum	0.011180	0.000120	0.000360	0.007540
Std. Dev.	3.795497	5.319221	0.080950	0.062434
Skewness	2.475559	3.270576	0.692761	1.503159
Kurtosis	10.17374	12.73450	2.295379	6.318786
Jarque-Bera Probability	367.2179 0.000000	664.8112 0.000000	11.67811 0.002912	96.91939 0.000000
Sum	378.2005	213.4226	10.84949	10.18292
Sum Sq. Dev.	1656.667	3253.823	0.753583	0.448266
Observations	116	116	116	116

LAMPIRAN 12

PERSAMAAN 2 MENGGUNAKAN STDEV PER

Dependent Variable: ROA
 Method: Least Squares
 Date: 03/26/17 Time: 23:09
 Sample: 1 116
 Included observations: 116
 Weighting series: PER
 Weight type: Standard deviation (average scaling)

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	0.062015	0.009814	6.319302	0.0000
PER	1.373909	0.560709	2.450305	0.0158
KM	-0.091527	0.040112	-2.281792	0.0244

Weighted Statistics

R-squared	0.224976	Mean dependent var	0.009510
Adjusted R-squared	0.211259	S.D. dependent var	0.039692
S.E. of regression	0.005751	Akaike info criterion	-7.453245
Sum squared resid	0.003738	Schwarz criterion	-7.382032
Log likelihood	435.2882	Hannan-Quinn criter.	-7.424337
F-statistic	16.40098	Durbin-Watson stat	1.208140
Prob(F-statistic)	0.000001	Weighted mean dep.	0.040134

Unweighted Statistics

	-		
R-squared	15314.43526	Mean dependent var	0.087784
	3		
	-		
Adjusted R-squared	15585.50491	S.D. dependent var	0.062434
	4		
S.E. of regression	7.794595	Sum squared resid	6865.395
Durbin-Watson stat	0.634947		

LAMPIRAN 13

Date: 03/26/17 Time: 23:10

Sample: 1 116

Included observations: 116

Autocorrelation	Partial Correlation	AC	PAC	Q-Stat	Prob	
. .	. .	1	0.035	0.035	0.1435	0.705
. .	. .	2	0.066	0.065	0.6672	0.716
. .	. .	3	-0.002	-0.007	0.6679	0.881
. .	. .	4	-0.034	-0.038	0.8074	0.937
. .	. .	5	-0.059	-0.057	1.2384	0.941
. .	. .	6	-0.030	-0.021	1.3478	0.969
. .	. .	7	-0.022	-0.013	1.4065	0.985
. .	. .	8	-0.029	-0.026	1.5102	0.993
. .	. .	9	0.019	0.019	1.5582	0.997
. .	. .	10	-0.042	-0.045	1.7886	0.998
. .	. .	11	-0.045	-0.050	2.0559	0.998
. .	. .	12	-0.053	-0.050	2.4277	0.998
. .	. .	13	0.010	0.017	2.4413	0.999
. .	. .	14	-0.052	-0.050	2.8060	0.999
. .	. .	15	-0.052	-0.061	3.1777	0.999
. .	. .	16	-0.058	-0.062	3.6386	0.999
* .	* .	17	-0.066	-0.067	4.2382	0.999
. .	. .	18	0.006	0.006	4.2438	1.000
. .	. .	19	0.049	0.045	4.5851	1.000
. .	. .	20	0.041	0.022	4.8299	1.000
. .	. .	21	0.001	-0.026	4.8300	1.000
. **	. *	22	0.219	0.199	11.803	0.961
. .	. .	23	-0.041	-0.058	12.047	0.970
. .	* .	24	-0.055	-0.083	12.495	0.974
. .	. .	25	-0.041	-0.034	12.745	0.979
. .	. .	26	-0.045	-0.033	13.055	0.983
. .	. .	27	-0.008	0.004	13.066	0.989
. .	. .	28	0.037	0.032	13.278	0.992
. .	. .	29	0.017	0.005	13.326	0.994
. .	. .	30	0.000	-0.005	13.326	0.996
. .	. .	31	0.015	-0.010	13.360	0.998
. .	. .	32	-0.011	-0.006	13.380	0.998
. .	. .	33	-0.023	-0.010	13.466	0.999
. .	. .	34	-0.019	-0.001	13.529	0.999
. .	. .	35	-0.019	-0.028	13.590	1.000
. .	. .	36	-0.035	-0.019	13.794	1.000

LAMPIRAN 14

Heteroskedasticity Test: Harvey

F-statistic	0.601286	Prob. F(1,114)	0.4397
Obs*R-squared	0.608624	Prob. Chi-Square(1)	0.4353
Scaled explained SS	0.503983	Prob. Chi-Square(1)	0.4778

Test Equation:

Dependent Variable: LWRESID2

Method: Least Squares

Date: 03/26/17 Time: 23:10

Sample: 1 116

Included observations: 116

Collinear test regressors dropped from specification

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-12.09065	0.190213	-63.56368	0.0000
KM*WGT	-0.607136	0.782970	-0.775426	0.4397

R-squared	0.005247	Mean dependent var	-12.10840
Adjusted R-squared	-0.003479	S.D. dependent var	2.030244
S.E. of regression	2.033773	Akaike info criterion	4.274753
Sum squared resid	471.5304	Schwarz criterion	4.322229
Log likelihood	-245.9357	Hannan-Quinn criter.	4.294026
F-statistic	0.601286	Durbin-Watson stat	1.379620
Prob(F-statistic)	0.439693		

Heteroskedasticity Test: Glejser

F-statistic	0.121740	Prob. F(1,114)	0.7278
Obs*R-squared	0.123744	Prob. Chi-Square(1)	0.7250
Scaled explained SS	0.191412	Prob. Chi-Square(1)	0.6617

LAMPIRAN 15

Test Equation:

Dependent Variable: AWRESID

Method: Least Squares

Date: 03/26/17 Time: 23:11

Sample: 1 116

Included observations: 116

Collinear test regressors dropped from specification

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	0.003709	0.000407	9.122002	0.0000
KM*WGT	-0.000584	0.001674	-0.348913	0.7278
R-squared	0.001067	Mean dependent var		0.003692
Adjusted R-squared	-0.007696	S.D. dependent var		0.004331
S.E. of regression	0.004347	Akaike info criterion		-8.021443
Sum squared resid	0.002154	Schwarz criterion		-7.973967
Log likelihood	467.2437	Hannan-Quinn criter.		-8.002170
F-statistic	0.121740	Durbin-Watson stat		1.537262
Prob(F-statistic)	0.727798			

LAMPIRAN 16

Variance Inflation Factors

Date: 03/26/17 Time: 23:11

Sample: 1 116

Included observations: 116

Variable	Coefficient Variance	Uncentered VIF	Centered VIF
C	9.63E-05	337.7287	NA
PER	0.314395	1.817252	1.765929
KM	0.001609	333.0124	1.765929

	ROA	PER	KM
Mean	0.087784	1.839850	0.093530
Median	0.078960	0.019880	0.070470
Maximum	0.354817	26.61939	0.251820
Minimum	0.007540	0.000120	0.000360
Std. Dev.	0.062434	5.319221	0.080950
Skewness	1.503159	3.270576	0.692761
Kurtosis	6.318786	12.73450	2.295379
Jarque-Bera Probability	96.91939 0.000000	664.8112 0.000000	11.67811 0.002912
Sum	10.18292	213.4226	10.84949
Sum Sq. Dev.	0.448266	3253.823	0.753583
Observations	116	116	116

