

## LAMPIRAN

### Lampiran 1 : Pemilihan Sampel

**Tabel 4.1**

<b>Perusahaan Sampel</b>		
<b>NO</b>	<b>KODE</b>	<b>NAMA PERUSAHAAN</b>
1	INTP	PT.Indocement Tunggul Prakasa Tbk
2	SMCB	PT.Holicm Indonesia Tbk
3	SMGR	PT.Semen Gersik Tbk
4	TOTO	PT.Surya Toto Indonesia Tbk
5	LION	PT.Lion Metal Works Tbk
6	SPMA	PT.Suparma Tbk
7	ASII	PT.Astra International Tbk
8	AUTO	PT.Astra Auto Part Tbk
9	BRAM	PT.Indo Kordsa Tbk
10	GDYR	PT.Goodyear Indonesia Tbk
11	GJTL	PT.Gajah Tunggul Tbk
12	MASA	PT.Multistarda Arah Saran Tbk
13	NIPS	PT.Nippers Tbk
14	SMSM	PT.Selamat Sempurna Tbk
15	RICY	PT.Ricky Putra Globalindo Tbk
16	BATA	PT. Sepatu Bata Tbk
17	KBLI	PT.KMI Wire and Cable Tbk
18	AISA	PT.Tiga Pilar Sejahtera Food Tbk
19	INDF	PT.Indofood Sukses Makmur Tbk
20	ULTJ	PT.Ultrajaya Milk Industry and Trading Company Tbk
21	GGRM	PT.Gudang Garam Tbk
22	DVLA	PT.Darya Varia Laboratoria Tbk
23	KAEF	PT.Kimia Farma Tbk
24	KLBF	PT.Kalbe Farm Tbk
25	TSPC	PT.Tempo Scan Pasific Tbk
26	TCID	PT.Mandom Indonesia Tbk
27	UNVR	PT.Unilever Indonesia Tbk

## Lampiran 2 : Pengolahan Data

Data Perhitungan Struktur Modal Dengan Proksi Debt To Equity Ratio tahun 2011 – 2015

$$\text{DER} = \frac{\text{Total Hutang}}{\text{Total Modal}}$$

NO	PERUSAHAAN	TAHUN	Debt to equity ratio (DER)
1	INTP	2011	0.17
		2012	0.15
		2013	0.17
		2014	0.16
		2015	0.17
2	SMCB	2011	0.53
		2012	0.45
		2013	0.45
		2014	0.7
		2015	0.96
3	SMGR	2011	0.29
		2012	0.35
		2013	0.46
		2014	0.41
		2015	0.37
4	TOTO	2011	0.73
		2012	0.76
		2013	0.7
		2014	0.69
		2015	0.65
5	LION	2011	0.17
		2012	0.21
		2013	0.17
		2014	0.2
		2015	0.35
6	SPMA	2011	1.07
		2012	1.07
		2013	1.14
		2014	1.34
		2015	1.6
7	ASII	2011	1.1

		2012	1.02
		2013	1.03
		2014	1.02
		2015	0.96
8	AUTO	2011	0.36
		2012	0.47
		2013	0.62
		2014	0.32
		2015	0.3
9	BRAM	2011	0.26
		2012	0.36
		2013	0.36
		2014	0.47
		2015	0.73
10	GDYR	2011	1.76
		2012	1.8
		2013	1.35
		2014	0.98
		2015	1.17
11	GJTL	2011	1.94
		2012	1.61
		2013	1.35
		2014	1.68
		2015	0.02
12	MASA	2011	0.87
		2012	1.68
		2013	0.68
		2014	0.68
		2015	0.67
13	NIPS	2011	1.28
		2012	1.69
		2013	1.6
		2014	2.38
		2015	1.1
14	SMSM	2011	0.96
		2012	0.7
		2013	0.71
		2014	0.96
		2015	0.53
15	RICY	2011	0.82
		2012	0.83

		2013	1.3
		2014	1.91
		2015	1.95
16	BATA	2011	0.46
		2012	0.46
		2013	0.48
		2014	0.49
		2015	0.81
17	KBLI	2011	1.03
		2012	0.51
		2013	0.37
		2014	0.51
		2015	0.42
18	AISA	2011	2.24
		2012	0.96
		2013	0.9
		2014	1.13
		2015	1.05
19	INDF	2011	1.34
		2012	0.7
		2013	0.74
		2014	1.04
		2015	1.08
20	ULTJ	2011	0.54
		2012	0.65
		2013	0.44
		2014	0.4
		2015	0.29
21	GGRM	2011	0.44
		2012	0.59
		2013	0.56
		2014	0.73
		2015	0.75
22	DVLA	2011	0.33
		2012	0.28
		2013	0.28
		2014	0.3
		2015	0.28
23	KAEF	2011	0.49
		2012	0.43
		2013	0.44

		2014	0.52
		2015	0.65
24	KLBF	2011	0.22
		2012	0.27
		2013	0.28
		2014	0.33
		2015	0.27
25	TSPC	2011	0.36
		2012	0.4
		2013	0.38
		2014	0.4
		2015	0.36
26	TCID	2011	0.1
		2012	0.11
		2013	0.15
		2014	0.24
		2015	0.44
27	UNVR	2011	1.15
		2012	1.85
		2013	1.94
		2014	2.12
		2015	1.6

## Lampiran 2 (lanjutan...)

Data Perhitungan Ukuran Perusahaan Dengan Proksi Log Natural Penjualan tahun 2011 – 2015

Size = Ln (Total Penjualan)

NO	PERUSAHAAN	TAHUN	PENJUALAN	SIZE
1	INTP	2011	11137805	16.22585574
		2012	13887892	16.44652794
		2013	17290337	16.66565835
		2014	18691286	16.74356798
		2015	1996264	14.50678799
2	SMCB	2011	5960589	15.60067986
		2012	7523964	15.83360368
		2013	9011076	16.01396505
		2014	9686262	16.08621915
		2015	10528723	16.16961760
3	SMGR	2011	14344189	16.47885547
		2012	16378794	16.61149801
		2013	19598548	16.79096604
		2014	24501241	17.01423433
		2015	26987035	17.11086712
4	TOTO	2011	1121499	13.93017674
		2012	1314927	14.08929171
		2013	1576763	14.27088457
		2014	1711307	14.35276796
		2015	2053630	14.53511952
5	LION	2011	207833	12.24449015
		2012	268414	12.50028584
		2013	333922	12.71866271
		2014	333674	12.71791975
		2015	377623	12.84165162
6	SPMA	2011	1162609	13.96617718
		2012	1189508	13.98905033
		2013	1274793	14.05829437
		2014	1395838	14.14900551
		2015	1550810	14.25428793
7	ASII	2011	129991000	18.68297578

NO	PERUSAHAAN	TAHUN	PENJUALAN	SIZE
		2012	162564000	18.90658233
		2013	188053000	19.05223440
		2014	193880000	19.08274997
		2015	201701000	19.12229696
8	AUTO	2011	6255109	15.64890913
		2012	7363659	15.81206751
		2013	8277485	15.92904974
		2014	10701988	16.18594008
		2015	12255427	16.32147942
9	BRAM	2011	1805360	14.40627058
		2012	1900212	14.45747602
		2013	1683897	14.33662131
		2014	2456059	14.71406859
		2015	2583169	14.76452750
10	GDYR	2011	1738602	14.36859190
		2012	1879889	14.44672329
		2013	1966901	14.49196977
		2014	2262339	14.63190979
		2015	1999274	14.50829467
11	GJTL	2011	9853904	16.10337828
		2012	11841396	16.28711209
		2013	12578596	16.34750720
		2014	12352917	16.32940279
		2015	13070734	16.38588624
12	MASA	2011	2006840	14.51207190
		2012	2861930	14.86700678
		2013	3102924	14.94785545
		2014	33974149	17.34111047
		2015	3535615	15.07839782
13	NIPS	2011	400895	12.90145483
		2012	579224	13.26944456
		2013	702719	13.46271238
		2014	911064	13.72236843
		2015	1015868	13.83125398
14	SMSM	2011	1561787	14.26134124
		2012	1807891	14.40767153
		2013	2613842	14.77633173
		2014	2372983	14.67965837
		2015	2632960	14.78361925
15	RICY	2011	580322	13.27133840

NO	PERUSAHAAN	TAHUN	PENJUALAN	SIZE
		2012	616395	13.33164327
		2013	749973	13.52779248
		2014	984185	13.79956917
		2015	1185444	13.98562795
16	BATA	2011	644189	13.37574744
		2012	678592	13.42777534
		2013	751449	13.52975862
		2014	902459	13.71287854
		2015	1008728	13.82420069
17	KBLI	2011	1228092	14.02097230
		2012	1841939	14.42632938
		2013	2273197	14.63669777
		2014	2572350	14.76033044
		2015	2384078	14.68432302
18	AISA	2011	705220	13.46626509
		2012	1752802	14.37672621
		2013	2747623	14.82624673
		2014	4056735	15.21588902
		2015	5139974	15.45255858
19	INDF	2011	38403380	17.46365603
		2012	45332256	17.62952939
		2013	50059427	17.72872140
		2014	57731998	17.87132214
		2015	63594452	17.96803679
20	ULTJ	2011	1880411	14.44700093
		2012	2102384	14.55858250
		2013	2809851	14.84864201
		2014	3460231	15.05684591
		2015	3916789	15.18078274
21	GGRM	2011	37691997	17.44495835
		2012	41884352	17.55042285
		2013	49028696	17.70791632
		2014	55436954	17.83075697
		2015	65185850	17.99275298
22	DVLA	2011	929197	13.74207605
		2012	972297	13.78741659
		2013	1087380	13.89928169
		2014	1101684	13.91235048
		2015	1103822	13.91428926
23	KAEF	2011	3183829	14.97359512



NO	PERUSAHAAN	TAHUN	PENJUALAN	SIZE
		2012	3481166	15.06287785
		2013	3734241	15.13305514
		2014	4348074	15.28524355
		2015	4521025	15.32424930
24	KLBF	2011	10266789	16.14442487
		2012	10911860	16.20536083
		2013	13636405	16.42825361
		2014	16002131	16.58823246
		2015	17368533	16.67017068
25	TSPC	2011	5134242	15.45144278
		2012	5780664	15.57002911
		2013	6630810	15.70723753
		2014	6854889	15.74047268
		2015	7512115	15.83202761
26	TCID	2011	1466939	14.19868847
		2012	1654671	14.31911276
		2013	1851153	14.43131925
		2014	2027899	14.52251084
		2015	2308204	14.65198029
27	UNVR	2011	19690239	16.79563359
		2012	23469218	16.97120025
		2013	27303248	17.12251623
		2014	30757435	17.24164231
		2015	34511534	17.35680414

## Lampiran 2 (lanjutan...)

### Data Perhitungan Likuiditas Perusahaan Dengan Proksi Current Ratio Tahun 2011 – 2015

$$CR = \frac{\text{Aktiva Lancar}}{\text{Hutang Lancar}}$$

No	Perusahaan	Tahun	Current Ratio
1	INTP	2011	5.55
		2012	6.99
		2013	6.03
		2014	6.15
		2015	4.93
2	SMCB	2011	1.66
		2012	1.47
		2013	1.4
		2014	0.64
		2015	0.6
3	SMGR	2011	2.92
		2012	2.65
		2013	1.71
		2014	1.88
		2015	2.21
4	TOTO	2011	2.1
		2012	1.88
		2013	2.15
		2014	2.19
		2015	2.11
5	LION	2011	9.44
		2012	7.1
		2013	9.34
		2014	6.73
		2015	3.69
6	SPMA	2011	3.91
		2012	1.22
		2013	2.65
		2014	1.2
		2015	3.65
7	ASII	2011	1.26

No	Perusahaan	Tahun	Current Ratio
		2012	1.36
		2013	1.4
		2014	1.24
		2015	1.32
8	AUTO	2011	1.76
		2012	1.35
		2013	1.16
		2014	1.89
		2015	1.33
9	BRAM	2011	4.02
		2012	2.79
		2013	2.13
		2014	1.57
		2015	1.42
10	GDYR	2011	0.86
		2012	0.85
		2013	0.89
		2014	0.94
		2015	0.94
11	GJTL	2011	1.76
		2012	1.75
		2013	1.72
		2014	2.31
		2015	0.04
12	MASA	2011	0.67
		2012	0.48
		2013	1.39
		2014	1.57
		2015	1.75
13	NIPS	2011	1.02
		2012	1.08
		2013	1.11
		2014	1.05
		2015	1.29
14	SMSM	2011	2.17
		2012	2.72
		2013	2.05
		2014	2.1
		2015	2.11
15	RICY	2011	1.82

No	Perusahaan	Tahun	Current Ratio
		2012	1.78
		2013	2.25
		2014	1.77
		2015	1.75
16	BATA	2011	2.08
		2012	2.13
		2013	2.12
		2014	2.59
		2015	1.55
17	KBLI	2011	2.63
		2012	2.19
		2013	3.07
		2014	2.55
		2015	3.33
18	AISA	2011	1.29
		2012	1.89
		2013	1.27
		2014	1.75
		2015	2.66
19	INDF	2011	2.04
		2012	1.91
		2013	2.05
		2014	1.67
		2015	1.81
20	ULTJ	2011	2
		2012	1.52
		2013	2.02
		2014	2.47
		2015	3.34
21	GGRM	2011	2.7
		2012	2.24
		2013	2.17
		2014	1.72
		2015	1.62
22	DVLA	2011	3.72
		2012	4.83
		2013	4.31
		2014	4.24
		2015	5.18
23	KAEF	2011	2.43

No	Perusahaan	Tahun	Current Ratio
		2012	2.75
		2013	2.8
		2014	2.43
		2015	2.39
24	KLBF	2011	4.39
		2012	3.65
		2013	3.41
		2014	2.84
		2015	3.4
25	TSPC	2011	3.37
		2012	3.08
		2013	3.09
		2014	2.96
		2015	3
26	TCID	2011	10.68
		2012	11.74
		2013	7.73
		2014	3.57
		2015	1.8
27	UNVR	2011	0.85
		2012	0.69
		2013	0.64
		2014	0.7
		2015	0.92

**Lampiran 2 (lanjutan...)**

**Data Perhitungan Profitabilitas Dengan Proksi Return On Asset  
Tahun 2011 – 2015**

$$ROA = \frac{EAT}{Total\ Asset}$$

NO	PERUSAHAAN	EAT	ASSET	ROA
1	INTP	3224942	15346146	0.21014670
		3601516	18151331	0.19841608
		4763388	22755160	0.20933221
		5217953	26607241	0.19611026
		5153776	28884973	0.17842412
2	SMCB	828422	10437249	0.07937168
		1054987	10950501	0.09634144
		1381404	12168517	0.11352279
		1006363	14894990	0.06756386
		652412	17195352	0.03794118
3	SMGR	3633220	15562999	0.23345243
		3955273	19661603	0.20116737
		4924791	26579084	0.18528821
		4926640	30792884	0.15999281
		5587346	34314666	0.16282676
4	TOTO	193798	1091583	0.17753849
		218724	1339570	0.16327926
		236696	1522664	0.15544861
		236558	1746178	0.13547187
		294614	2027289	0.14532412
5	LION	38631	303900	0.12711747
		52535	365816	0.14361045
		85374	433497	0.19694254
		64761	498568	0.12989402
		49002	600103	0.08165598
6	SPMA	29621	1490034	0.01987941
		33076	1551777	0.02131492
		39967	1664353	0.02401354
		23858	1767106	0.01350117
		49065	2091957	0.02345411
7	ASII	14366000	112857000	0.12729383

NO	PERUSAHAAN	EAT	ASSET	ROA
		21348000	153521000	0.13905589
		22460000	182274000	0.12322108
		23708000	213994000	0.11078815
		22151000	236029000	0.09384864
8	AUTO	1141179	5585852	0.20429811
		1105649	6964227	0.15876119
		1076431	8881642	0.12119730
		1099709	12617678	0.08715621
		1150174	14380926	0.07997913
9	BRAM	134160	1492728	0.08987572
		54979	1660119	0.03311751
		237177	2223454	0.10667052
		24018	2932878	0.00818923
		211975	3833995	0.05528828
10	GDYR	66676	1148017	0.05807928
		19555	1185115	0.01650051
		64538	1198261	0.05385972
		56864	1362561	0.04173318
		34096	1560696	0.02184666
11	GJTL	830624	10371567	0.08008664
		946046	11554143	0.08187937
		1086114	12869793	0.08439250
		340488	15350754	0.02218054
		293797	16042897	0.01831321
12	MASA	176082	3038412	0.05795198
		142764	4736349	0.03014220
		6806	6038778	0.00112705
		21456	7718638	0.00277977
		4510	7775033	0.00058006
13	NIPS	12663	337606	0.03750822
		17831	446688	0.03991824
		43499	525629	0.08275609
		33872	798408	0.04242442
		117018	1206854	0.09696119
14	SMSM	150420	1067103	0.14096109
		219260	1136858	0.19286490
		268543	1441204	0.18633240
		338223	1701103	0.19882570
		420436	1749395	0.24033223

NO	PERUSAHAAN	EAT	ASSET	ROA
15	RICY	10818	613323	0.01763834
		12210	642095	0.01901588
		16978	842499	0.02015195
		8721	1109865	0.00785771
		15112	1170752	0.01290794
16	BATA	60975	484253	0.12591559
		56615	516649	0.10958117
		69343	574108	0.12078389
		44374	680685	0.06519021
		70781	774891	0.09134317
17	KBLI	48396	594564	0.08139746
		63747	1083524	0.05883303
		125214	1161698	0.10778533
		73567	1337022	0.05502303
		70136	1337351	0.05244397
18	AISA	75857	1936949	0.03916314
		149951	3590309	0.04176549
		253664	3867576	0.06558733
		346728	5020824	0.06905799
		378142	7371846	0.05129543
19	INDF	2952858	47275955	0.06246004
		5017425	53585933	0.09363325
		4871745	59389405	0.08203054
		5161247	78092789	0.06609121
		4812618	85938885	0.05600047
20	ULTJ	107123	2006596	0.05338543
		101323	2179182	0.04649589
		353432	2420793	0.14599844
		325127	2811621	0.11563685
		283361	2917084	0.09713844
21	GGRM	4146282	30741679	0.13487494
		4958102	39088705	0.12684232
		4068711	41509325	0.09801920
		4383932	50770251	0.08634844
		5935293	58220600	0.10194490
22	DVLA	110881	854110	0.12982051
		120915	928291	0.13025549
		148909	1074691	0.13855983
		125796	1190054	0.10570613



NO	PERUSAHAAN	EAT	ASSET	ROA
		80929	1236248	0.06546340
23	KAEF	138716	1657292	0.08370040
		171763	1794242	0.09573012
		205764	2076348	0.09909899
		215642	2471940	0.08723594
		236531	2968185	0.07968877
24	KLBF	1286330	7032497	0.18291227
		1539721	8274554	0.18607903
		1772035	9417957	0.18815493
		2004244	11315061	0.17713064
		2129215	12452032	0.17099338
25	TSPC	488889	3589596	0.13619611
		585309	4250374	0.13770765
		643568	4632985	0.13891001
		674147	5407958	0.12465833
		674147	5592730	0.12053988
26	TCID	131445	1047238	0.12551588
		140039	1130865	0.12383353
		150803	1261573	0.11953569
		160564	1465952	0.10952882
		174908	1853235	0.09437983
27	UNVR	3384648	8701262	0.38898358
		4164304	10482312	0.39726961
		4839145	11984979	0.40376750
		5352625	13348188	0.40100012
		5738523	14280670	0.40183850

## Lampiran 2 (lanjutan...)

Data Perhitungan Risiko Bisnis tahun 2011 – 2015

$$\text{BRISK} = \frac{\sigma \text{EBIT}}{\text{TOTAL ASET}}$$

No	Perusahaan	Tahun	EBIT	ASSET	Risiko	
					EBIT/Total Asset	Standar Deviasi
1	INTP	2007	1067676	9598280	0.11123618	
		2008	1584814	10016028	0.15822779	
		2009	2459869	10536380	0.23346434	
		2010	3693305	13276270	0.27818845	
		2011	4020030	15346146	0.26195698	0.07128258
		2012	4418023	18151331	0.24339940	0.04625686
		2013	5876742	22755160	0.25825975	0.01728492
		2014	6064100	26607241	0.22791164	0.01910170
		2015	5794993	28884973	0.20062311	0.02505708
2	SMCB\	2007	6178	7065846	0.00087435	
		2008	520463	7208250	0.07220379	
		2009	1001383	7324210	0.13672232	
		2010	1398196	7265366	0.19244674	
		2011	1333346	10437249	0.12774880	0.07260079
		2012	1201046	10950501	0.10967955	0.04381236
		2013	2308457	12168517	0.18970734	0.03764173
		2014	1848668	14894990	0.12411341	0.03924736
		2015	1291965	17195352	0.07513455	0.04158208
3	SMGR	2007	1799379	7496419	0.24003181	
		2008	2396848	8515227	0.28147787	
		2009	3387186	7297859	0.46413421	
		2010	4342563	12591308	0.34488577	
		2011	4489025	15562999	0.28844216	0.08688606
		2012	4892132	19661603	0.24881654	0.08483340
		2013	6181524	26579084	0.23257099	0.09355656
		2014	6972385	30792884	0.22642845	0.04919465
		2015	6593740	34314666	0.19215516	0.03509284
4	TOTO	2007	101696	908168	0.11197928	
		2008	143327	913995	0.15681377	

No	Perusahaan	Tahun	EBIT	ASSET	Risiko	
					EBIT/Total Asset	Standar Deviasi
		2009	205660	847605	0.24263661	
		2010	213179	1010892	0.21088207	
		2011	258865	1091583	0.23714642	0.05612514
		2012	299798	1339570	0.22380167	0.03439311
		2013	373432	1522664	0.24524912	0.01439032
		2014	347408	1746178	0.19895337	0.01884581
		2015	388808	2027289	0.19178716	0.02336140
		5	LION	2007	25686	187689
2008	30533			216130	0.14127146	
2009	50994			165030	0.30899836	
2010	44096			271366	0.16249641	
2011	47020			303900	0.15472195	0.07235958
2012	58918			365816	0.16105911	0.06942910
2013	96532			433497	0.22268205	0.06585647
2014	74475			498568	0.14937782	0.02987604
2015	52263			600103	0.08709005	0.04811709
6	SPMA	2007	68512	1381434	0.04959484	
		2008	112889	1501892	0.07516453	
		2009	97932	1320219	0.07417860	
		2010	64147	1432637	0.04477547	
		2011	109685	1490034	0.07361241	0.01496922
		2012	94558	1551777	0.06093530	0.01308246
		2013	129992	1664353	0.07810362	0.01366521
		2014	137586	1767106	0.07785951	0.01427968
		2015	181194	2091957	0.08661459	0.00937477
7	ASII	2007	4991316	57929290	0.08616222	
		2008	8501486	63519598	0.13384036	
		2009	11876000	61166666	0.19415804	
		2010	12756000	89938000	0.14183104	
		2011	14725000	112857000	0.13047485	0.03849348
		2012	17832000	153521000	0.11615349	0.02991488
		2013	19870000	182274000	0.10901171	0.03369752
		2014	25949700	213994000	0.12126368	0.01277941
		2015	20163000	236029000	0.08542594	0.01701773
8	AUTO	2007	158352	3028160	0.05229314	
		2008	372199	3454254	0.10775091	
		2009	451868	3028465	0.14920694	
		2010	419991	4644939	0.09041906	
		2011	573115	5585852	0.10260118	0.03483846

No	Perusahaan	Tahun	EBIT	ASSET	Risiko	
					EBIT/Total Asset	Standar Deviasi
		2012	519548	6964227	0.07460239	0.02785749
		2013	475534	8881642	0.05354123	0.03587395
		2014	671799	12617678	0.05324268	0.02198590
		2015	464008	14380926	0.03226552	0.02660750
9	BRAM	2007	69494	1530173	0.04541578	
		2008	84321	1554863	0.05423050	
		2009	138279	1709355	0.08089543	
		2010	154361	1349631	0.11437274	
		2011	214430	1492728	0.14364975	0.04121976
		2012	189860	1660119	0.11436530	0.03452093
		2013	35359	2223454	0.01590274	0.04890213
		2014	136708	2932878	0.04661224	0.05336973
		2015	277293	3833995	0.07232482	0.05124491
10	GDYR	2007	35481	454851	0.07800576	
		2008	58607	579661	0.10110565	
		2009	43399	453737	0.09564792	
		2010	128117	1127630	0.11361617	
		2011	87284	1148017	0.07603023	0.01589394
		2012	33028	1185115	0.02786903	0.03358954
		2013	102534	1198261	0.08556900	0.03216751
		2014	137598	1362561	0.10098484	0.03290710
		2015	68242	1560696	0.04372536	0.03022470
11	GJTL	2007	365121	7276025	0.05018138	
		2008	664749	8454693	0.07862485	
		2009	581353	7497373	0.07754089	
		2010	114990	9044134	0.01271432	
		2011	1287427	10371567	0.12413042	0.04100766
		2012	1009571	11554143	0.08737740	0.04018798
		2013	1289426	12869793	0.10019011	0.04165996
		2014	789195	15350754	0.05141083	0.04369599
		2015	532628	16042897	0.03320024	0.03679128
12	MASA	2007	2847	1433688	0.00198579	
		2008	90679	1799172	0.05040041	
		2009	176405	1083291	0.16284175	
		2010	230818	2536045	0.09101495	
		2011	256960	3038412	0.08457049	0.05905601
		2012	282271	4736349	0.05959675	0.04423918
		2013	140219	6038778	0.02321976	0.05136877
		2014	139403	7718638	0.01806057	0.03378867

No	Perusahaan	Tahun	EBIT	ASSET	Risiko	
					EBIT/Total Asset	Standar Deviasi
		2015	126092	7775033	0.01621755	0.03040776
13	NIPS	2007	18448	220228	0.08376773	
		2008	27760	288147	0.09633972	
		2009	32428	190225	0.17047181	
		2010	7251	314478	0.02305726	
		2011	23772	337606	0.07041344	0.05341495
		2012	42082	446688	0.09420893	0.05337263
		2013	54967	525629	0.10457376	0.05370847
		2014	76509	798408	0.09582695	0.03302354
		2015	103299	1206854	0.08559362	0.01291352
14	SMSM	2007	115394	716686	0.16101054	
		2008	149984	830050	0.18069273	
		2009	212947	663138	0.32112019	
		2010	189779	941651	0.20153857	
		2011	227845	1067103	0.21351735	0.06231993
		2012	296506	1136858	0.26081182	0.05615147
		2013	362981	1441204	0.25185956	0.04705758
		2014	421425	1701103	0.24773632	0.02595109
		2015	548609	1749395	0.31359927	0.03612380
15	RICY	2007	63453	516488	0.12285474	
		2008	63770	574677	0.11096668	
		2009	27544	417333	0.06600005	
		2010	7894	599719	0.01316283	
		2011	19804	613323	0.03228967	0.04779110
		2012	30660	642095	0.04774994	0.03730708
		2013	48814	842499	0.05793953	0.02108794
		2014	116228	1109865	0.10472265	0.03437448
		2015	62556	1170752	0.05343232	0.02721411
16	BATA	2007	36301	271461	0.13372455	
		2008	61694	332080	0.18578053	
		2009	56103	305779	0.18347565	
		2010	74958	416679	0.17989388	
		2011	87131	484253	0.17992867	0.02185297
		2012	81128	516649	0.15702730	0.01156122
		2013	100164	574108	0.17446892	0.01052817
		2014	65392	680685	0.09606793	0.03559001
		2015	103213	774891	0.13319680	0.03434209
17	KBLI	2007	56719	441085	0.12858973	
		2008	52073	499368	0.10427781	

No	Perusahaan	Tahun	EBIT	ASSET	Risiko	
					EBIT/Total Asset	Standar Deviasi
		2009	69915	489802	0.14274135	
		2010	33655	490722	0.06858262	
		2011	64572	594564	0.10860395	0.02813407
		2012	97133	1083524	0.08964545	0.02727200
		2013	180837	1161698	0.15566610	0.03620289
		2014	165639	1337022	0.12388652	0.03319364
		2015	105744	1337351	0.07906974	0.03017334
		18	AISA	2007	27269	363933
2008	55899			515609	0.10841355	
2009	122976			357786	0.34371384	
2010	105469			1347036	0.07829709	
2011	126390			1936949	0.06525211	0.118271935
2012	307852			3590309	0.08574527	0.117010765
2013	425965			3867576	0.11013746	0.116910607
2014	615552			5020824	0.12259980	0.023488459
19	INDF	2015	653154	7371846	0.08860115	0.022366295
		2007	1975709	16112493	0.12261970	
		2008	2894428	29527466	0.09802494	
		2009	4341476	14786084	0.29361905	
		2010	5004209	40382953	0.12391885	
		2011	6729311	47275955	0.14234109	0.07846985
		2012	6718716	53585933	0.12538208	0.07818436
		2013	6870594	59389405	0.11568720	0.07521566
20	ULTJ	2014	6717981	78092789	0.08602563	0.02066080
		2015	7208732	85938885	0.08388208	0.02534567
		2007	66077	1249080	0.05290053	
		2008	277360	5333046	0.05200780	
		2009	61132	1254444	0.04873235	
		2010	126949	1732702	0.07326649	
		2011	185417	2006596	0.09240375	0.01865917
		2012	182059	2179182	0.08354465	0.01918390
21	GGRM	2013	429342	2420793	0.17735593	0.04881979
		2014	423195	2811621	0.15051637	0.04579989
		2015	374127	2917084	0.12825376	0.03928698
		2007	2190332	21733034	0.10078354	
		2008	2528677	23928968	0.10567430	
		2009	3165635	22128851	0.14305465	
		2010	5206837	27230965	0.19121015	
		2011	5857861	30741679	0.19055111	0.04389704

No	Perusahaan	Tahun	EBIT	ASSET	Risiko	
					EBIT/Total Asset	Standar Deviasi
		2012	6838642	39088705	0.17495187	0.03661798
		2013	6007206	41509325	0.14471943	0.02374774
		2014	6649806	50770251	0.13097840	0.02737087
		2015	8524853	58220600	0.14642331	0.02442525
22	DVLA	2007	78525	557338	0.14089296	
		2008	67669	560931	0.12063694	
		2009	78166	550629	0.14195765	
		2010	199328	783613	0.25437046	
		2011	137089	854110	0.16050509	0.05262759
		2012	143029	928291	0.15407776	0.05151950
		2013	196166	1074691	0.18253247	0.04479960
		2014	167079	1190054	0.14039615	0.04512393
23	KAEF	2015	94471	1236248	0.07641751	0.04009906
		2007	60631	1261225	0.04807310	
		2008	77500	1386739	0.05588651	
		2009	107037	1177603	0.09089396	
		2010	111933	1562625	0.07163139	
		2011	146198	1657292	0.08821499	0.01901688
		2012	222004	1794242	0.12373136	0.02532670
		2013	285157	2076348	0.13733584	0.02718383
24	KLBF	2014	293765	2471940	0.11883986	0.02710941
		2015	342481	2968185	0.11538398	0.01797905
		2007	1071271	4624619	0.23164524	
		2008	1129355	5138213	0.21979529	
		2009	1142712	4633399	0.24662499	
		2010	1565875	6482447	0.24155616	
		2011	1790904	7032497	0.25466118	0.01353475
		2012	194437	8274554	0.02349818	0.09797315
25	TSPC	2013	2200247	9417957	0.23362254	0.09895961
		2014	2520277	11315061	0.22273649	0.09669616
		2015	2709035	12452032	0.21755766	0.09438894
		2007	314044	2479251	0.12666890	
		2008	320560	2773136	0.11559476	
		2009	363371	2345760	0.15490545	
		2010	445554	3263103	0.13654304	
		2011	590995	3589596	0.16464109	0.02008792
		2012	657788	4250374	0.15476003	0.01946098
		2013	701807	4632985	0.15148052	0.01017298
		2014	647985	5407958	0.11982064	0.01751813

No	Perusahaan	Tahun	EBIT	ASSET	Risiko	
					EBIT/Total Asset	Standar Deviasi
		2015	636266	5592730	0.11376662	0.02262878
26	TCID	2007	138803	672197	0.20649155	
		2008	151586	725197	0.20902734	
		2009	175319	545695	0.32127654	
		2010	184917	994620	0.18591723	
		2011	173866	1047238	0.16602339	0.06043498
		2012	193065	1130865	0.17072330	0.06410584
		2013	210086	1261573	0.16652703	0.06711256
		2014	225889	1465952	0.15409031	0.01146567
		2015	254496	1853235	0.13732527	0.01357663
27	UNVR	2007	2435370	4626000	0.52645266	
		2008	2777360	5333406	0.52074790	
		2009	3431098	3842351	0.89296839	
		2010	4124891	7484990	0.55108838	
		2011	4542625	8701262	0.52206508	0.16275080
		2012	5455410	10482312	0.52043957	0.16347534
		2013	6454808	11984979	0.53857483	0.16145683
		2014	7121743	13348188	0.53353631	0.01260747
		2015	7779230	14280670	0.54473845	0.01048951



## Lampiran 2 (lanjutan...)

Data Perhitungan Pertumbuhan Perusahaan Dengan Proksi Growth tahun 2011 – 2015

$$\text{Growth} = \frac{\text{Total Asset } t - \text{Total Asset } t-1}{\text{Total Asset } t-1}$$

NO	PERUSAHAAN	TAHUN	ASSET	GROWTH
1	INTP	2010	13276270	
		2011	15346146	0.155907947
		2012	18151331	0.182794103
		2013	22755160	0.25363589
		2014	26607241	0.169283846
		2015	28884973	0.085605719
2	SMCB	2010	7265366	
		2011	10437249	0.436575804
		2012	10950501	0.049175027
		2013	12168517	0.111229249
		2014	14894990	0.224059596
		2015	17195352	0.15443864
3	SMGR	2010	12591308	
		2011	15562999	0.236011302
		2012	19661603	0.263355668
		2013	26579084	0.351826909
		2014	30792884	0.158538195
		2015	34314666	0.114369995
4	TOTO	2010	1010892	
		2011	1091583	0.079821583
		2012	1339570	0.227181076
		2013	1522664	0.136681174
		2014	1746178	0.146791413
		2015	2027289	0.160986452
5	LION	2010	271366	
		2011	303900	0.119889743
		2012	365816	0.203738072
		2013	433497	0.185013777
		2014	498568	0.150107152
		2015	600103	0.203653263
6	SPMA	2010	1432637	

NO	PERUSAHAAN	TAHUN	ASSET	GROWTH
		2011	1490034	0.040063882
		2012	1551777	0.041437309
		2013	1664353	0.072546506
		2014	1767106	0.061737504
		2015	2091957	0.183832209
7	ASII	2010	89938000	
		2011	112857000	0.254831106
		2012	153521000	0.36031438
		2013	182274000	0.187290338
		2014	213994000	0.174023723
		2015	236029000	0.102970177
8	AUTO	2010	4644939	
		2011	5585852	0.202567353
		2012	6964227	0.246761819
		2013	8881642	0.275323449
		2014	12617678	0.420646993
		2015	14380926	0.139744254
9	BRAM	2010	1349631	
		2011	1492728	0.106026758
		2012	1660119	0.112137643
		2013	2223454	0.339334108
		2014	2932878	0.319063943
		2015	3833995	0.30724667
10	GDYR	2010	1127630	
		2011	1148017	0.018079512
		2012	1185115	0.032314852
		2013	1198261	0.011092594
		2014	1362561	0.13711537
		2015	1560696	0.145413673
11	GJTL	2010	9044134	
		2011	10371567	0.146772814
		2012	11554143	0.114020957
		2013	12869793	0.113868246
		2014	15350754	0.192773963
		2015	16042897	0.045088534
12	MASA	2010	2536045	
		2011	3038412	0.198090728
		2012	4736349	0.55882382
		2013	6038778	0.274985859
		2014	7718638	0.278178797

NO	PERUSAHAAN	TAHUN	ASSET	GROWTH
			2015	7775033
13	NIPS	2010	314478	
		2011	337606	0.073544095
		2012	446688	0.323104447
		2013	525629	0.176725141
		2014	798408	0.518957287
		2015	1206854	0.511575535
14	SMSM	2010	941651	
		2011	1067103	0.133225579
		2012	1136858	0.065368573
		2013	1441204	0.267708016
		2014	1701103	0.180334637
		2015	1749395	0.02838864
15	RICY	2010	599719	
		2011	613323	0.022683957
		2012	642095	0.04691166
		2013	842499	0.312109579
		2014	1109865	0.317348745
		2015	1170752	0.054859825
16	BATA	2010	416679	
		2011	484253	0.1621728
		2012	516649	0.066898914
		2013	574108	0.111214771
		2014	680685	0.185639287
		2015	774891	0.138398819
17	KBLI	2010	490722	
		2011	594564	0.211610647
		2012	1083524	0.822384134
		2013	1161698	0.072147917
		2014	1337022	0.150920463
		2015	1337351	0.000246069
18	AISA	2010	1347036	
		2011	1936949	0.437934101
		2012	3590309	0.853589847
		2013	3867576	0.077226501
		2014	5020824	0.298183669
		2015	7371846	0.468254215
19	INDF	2010	40382953	
		2011	47275955	0.170690885
		2012	53585933	0.133471191

NO	PERUSAHAAN	TAHUN	ASSET	GROWTH
		2013	59389405	0.108302155
		2014	78092789	0.314927957
		2015	85938885	0.100471453
20	ULTJ	2010	1732702	
		2011	2006596	0.158073344
		2012	2179182	0.086009341
		2013	2420793	0.110872337
		2014	2811621	0.16144627
		2015	2917084	0.037509679
21	GGRM	2010	27230965	
		2011	30741679	0.128923599
		2012	39088705	0.271521474
		2013	41509325	0.061926329
		2014	50770251	0.223104712
		2015	58220600	0.14674635
22	DVLA	2010	783613	
		2011	854110	0.089964051
		2012	928291	0.086851811
		2013	1074691	0.157709167
		2014	1190054	0.107345274
		2015	1236248	0.038816726
23	KAEF	2010	1562625	
		2011	1657292	0.060582033
		2012	1794242	0.082634804
		2013	2076348	0.157228512
		2014	2471940	0.190522976
		2015	2968185	0.200751232
24	KLBF	2010	6482447	
		2011	7032497	0.084852217
		2012	8274554	0.176616783
		2013	9417957	0.138183037
		2014	11315061	0.20143477
		2015	12452032	0.100482976
25	TSPC	2010	3263103	
		2011	3589596	0.10005599
		2012	4250374	0.18408144
		2013	4632985	0.090018196
		2014	5407958	0.167272935
		2015	5592730	0.034166685
26	TCID	2010	994620	

NO	PERUSAHAAN	TAHUN	ASSET	GROWTH
		2011	1047238	0.052902616
		2012	1130865	0.079854818
		2013	1261573	0.11558232
		2014	1465952	0.162003309
		2015	1853235	0.264185321
		2010	7484990	
27	UNVR	2011	8701262	0.162494806
		2012	10482312	0.204688699
		2013	11984979	0.143352631
		2014	13348188	0.113743128
		2015	14280670	0.069858321

**Lampiran 3 : Data Perusahaan Sebelum di Outlier**

NO	PERUSAHAAN	TAHUN	DER	SIZE	CR	ROA	BRISK	GROWTH
1	INTP	2011	0.1700000000	16.2258557353	5.5500000000	0.2101467039	0.0712825831	0.1559079470
		2012	0.1500000000	16.4465279394	6.9900000000	0.1984160831	0.0462568635	0.1827941035
		2013	0.1700000000	16.6656583485	6.0300000000	0.2093322130	0.0172849214	0.2536358904
		2014	0.1600000000	16.7435679839	6.1500000000	0.1961102619	0.0191016967	0.1692838459
		2015	0.1700000000	14.5067879916	4.9300000000	0.1784241239	0.0250570832	0.0856057191
2	SMCB	2011	0.5300000000	15.6006798597	1.6600000000	0.0793716812	0.0726007860	0.4365758036
		2012	0.4500000000	15.8336036847	1.4700000000	0.0963414368	0.0438123624	0.0491750269
		2013	0.4500000000	16.0139650453	1.4000000000	0.1135227900	0.0376417331	0.1112292488
		2014	0.7000000000	16.0862191509	0.6400000000	0.0675638587	0.0392473584	0.2240595958
		2015	0.9600000000	16.1696176042	0.6000000000	0.0379411832	0.0415820830	0.1544386401
3	SMGR	2011	0.2900000000	16.4788554704	2.9200000000	0.2334524342	0.0868860588	0.2360113024
		2012	0.3500000000	16.6114980073	2.6500000000	0.2011673718	0.0848333998	0.2633556681
		2013	0.4600000000	16.7909660398	1.7100000000	0.1852882138	0.0935565574	0.3518269085
		2014	0.4100000000	17.0142343273	1.8800000000	0.1599928087	0.0491946532	0.1585381949
		2015	0.3700000000	17.1108671235	2.2100000000	0.1628267633	0.0350928403	0.1143699954
4	TOTO	2011	0.7300000000	13.9301767413	2.1000000000	0.1775384923	0.0561251398	0.0798215833
		2012	0.7600000000	14.0892917087	1.8800000000	0.1632792613	0.0343931070	0.2271810756
		2013	0.7000000000	14.2708845693	2.1500000000	0.1554486085	0.0143903219	0.1366811738
		2014	0.6900000000	14.3527679640	2.1900000000	0.1354718706	0.0188458103	0.1467914129
		2015	0.6500000000	14.5351195169	2.1100000000	0.1453241250	0.0233613980	0.1609864516
5	LION	2011	0.1700000000	12.2444901516	9.4400000000	0.1271174729	0.0723595805	0.1198897430
		2012	0.2100000000	12.5002858437	7.1000000000	0.1436104490	0.0694291029	0.2037380717
		2013	0.1700000000	12.7186627118	9.3400000000	0.1969425394	0.0658564747	0.1850137774

		2014	0.2000000000	12.7179197474	6.7300000000	0.1298940165	0.0298760445	0.1501071518
		2015	0.3500000000	12.8416516224	3.6900000000	0.0816559824	0.0481170947	0.2036532629
6	SPMA	2011	1.0700000000	13.9661771755	3.9100000000	0.0198794121	0.0149692175	0.0400638822
		2012	1.0700000000	13.9890503342	1.2200000000	0.0213149183	0.0130824584	0.0414373095
		2013	1.1400000000	14.0582943705	2.6500000000	0.0240135356	0.0136652141	0.0725465064
		2014	1.3400000000	14.1490055097	1.2000000000	0.0135011708	0.0142796804	0.0617375040
		2015	1.6000000000	14.2542879330	3.6500000000	0.0234541150	0.0093747748	0.1838322093
		2011	1.1000000000	18.6829757753	1.2600000000	0.1272938320	0.0384934786	0.2548311059
7	ASII	2012	1.0200000000	18.9065823284	1.3600000000	0.1390558946	0.0299148792	0.3603143801
		2013	1.0300000000	19.0522343960	1.4000000000	0.1232210847	0.0336975167	0.1872903381
		2014	1.0200000000	19.0827499689	1.2400000000	0.1107881529	0.0127794124	0.1740237225
		2015	0.9600000000	19.1222969608	1.3200000000	0.0938486372	0.0170177275	0.1029701767
		2011	0.3600000000	15.6489091278	1.7600000000	0.2042981089	0.0348384590	0.2025673534
8	AUTO	2012	0.4700000000	15.8120675139	1.3500000000	0.1587611949	0.0278574888	0.2467618190
		2013	0.6200000000	15.9290497363	1.1600000000	0.1211972966	0.0358739526	0.2753234494
		2014	0.3200000000	16.1859400766	1.8900000000	0.0871562105	0.0219859043	0.4206469930
		2015	0.3000000000	16.3214794173	1.3300000000	0.0799791335	0.0266075040	0.1397442541
		2011	0.2600000000	14.4062705758	4.0200000000	0.0898757175	0.0412197571	0.1060267584
9	BRAM	2012	0.3600000000	14.4574760169	2.7900000000	0.0331175054	0.0345209303	0.1121376433
		2013	0.3600000000	14.3366213080	2.1300000000	0.1066705225	0.0489021254	0.3393341080
		2014	0.4700000000	14.7140685908	1.5700000000	0.0081892257	0.0533697270	0.3190639429
		2015	0.7300000000	14.7645274977	1.4200000000	0.0552882828	0.0512449113	0.3072466703
		2011	1.7600000000	14.3685919000	0.8600000000	0.0580792793	0.0158939362	0.0180795119
10	GDYR	2012	1.8000000000	14.4467232905	0.8500000000	0.0165005084	0.0335895415	0.0323148525
		2013	1.3500000000	14.4919697657	0.8900000000	0.0538597184	0.0321675074	0.0110925944
		2014	0.9800000000	14.6319097918	0.9400000000	0.0417331775	0.0329071031	0.1371153697
		2015	1.1700000000	14.5082946726	0.9400000000	0.0218466633	0.0302246961	0.1454136732

11	GJTL	2011	1.9400000000	16.1033782798	1.7600000000	0.0800866446	0.0410076597	0.1467728143
		2012	1.6100000000	16.2871120859	1.7500000000	0.0818793744	0.0401879787	0.1140209575
		2013	1.3500000000	16.3475071973	1.7200000000	0.0843924996	0.0416599571	0.1138682462
		2014	1.6800000000	16.3294027875	2.3100000000	0.0221805391	0.0436959949	0.1927739630
		2015	0.0200000000	16.3858862432	0.0400000000	0.0183132136	0.0367912850	0.0450885344
12	MASA	2011	0.8700000000	14.5120719036	0.6700000000	0.0579519828	0.0590560076	0.1980907279
		2012	1.6800000000	14.8670067804	0.4800000000	0.0301422045	0.0442391763	0.5588238198
		2013	0.6800000000	14.9478554507	1.3900000000	0.0011270492	0.0513687711	0.2749858594
		2014	0.6800000000	17.3411104699	1.5700000000	0.0027797650	0.0337886727	0.2781787971
		2015	0.6700000000	15.0783978167	1.7500000000	0.0005800618	0.0304077565	0.0073063408
13	NIPS	2011	1.2800000000	12.9014548266	1.0200000000	0.0375082196	0.0534149532	0.0735440953
		2012	1.6900000000	13.2694445557	1.0800000000	0.0399182427	0.0533726272	0.3231044472
		2013	1.6000000000	13.4627123754	1.1100000000	0.0827560884	0.0537084718	0.1767251415
		2014	2.3800000000	13.7223684262	1.0500000000	0.0424244246	0.0330235448	0.5189572874
		2015	1.1000000000	13.8312539774	1.2900000000	0.0969611900	0.0129135229	0.5115755353
14	SMSM	2011	0.9600000000	14.2613412364	2.1700000000	0.1409610881	0.0623199310	0.1332255793
		2012	0.7000000000	14.4076715305	2.7200000000	0.1928648961	0.0561514710	0.0653685727
		2013	0.7100000000	14.7763317276	2.0500000000	0.1863323999	0.0470575786	0.2677080163
		2014	0.9600000000	14.6796583715	2.1000000000	0.1988257031	0.0259510928	0.1803346369
		2015	0.5300000000	14.7836192466	2.1100000000	0.2403322291	0.0361237953	0.0283886396
15	RICY	2011	0.8200000000	13.2713384009	1.8200000000	0.0176383406	0.0477911020	0.0226839570
		2012	0.8300000000	13.3316432708	1.7800000000	0.0190158777	0.0373070845	0.0469116599
		2013	1.3000000000	13.5277924849	2.2500000000	0.0201519527	0.0210879357	0.3121095788
		2014	1.9100000000	13.7995691665	1.7700000000	0.0078577124	0.0343744849	0.3173487446
		2015	1.9500000000	13.9856279459	1.7500000000	0.0129079429	0.0272141141	0.0548598253
16	BATA	2011	0.4600000000	13.3757474403	2.0800000000	0.1259155854	0.0218529699	0.1621727997
		2012	0.4600000000	13.4277753423	2.1300000000	0.1095811663	0.0115612211	0.0668989144



		2013	0.4800000000	13.5297586216	2.1200000000	0.1207838943	0.0105281742	0.1112147706
		2014	0.4900000000	13.7128785388	2.5900000000	0.0651902128	0.0355900093	0.1856392874
		2015	0.8100000000	13.8242006892	1.5500000000	0.0913431696	0.0343420854	0.1383988188
17	KBLI	2011	1.0300000000	14.0209723034	2.6300000000	0.0813974610	0.0281340679	0.2116106472
		2012	0.5100000000	14.4263293791	2.1900000000	0.0588330300	0.0272720014	0.8223841336
		2013	0.3700000000	14.6366977687	3.0700000000	0.1077853280	0.0362028891	0.0721479174
		2014	0.5100000000	14.7603304360	2.5500000000	0.0550230288	0.0331936369	0.1509204630
		2015	0.4200000000	14.6843230248	3.3300000000	0.0524439732	0.0301733383	0.0002460692
18	AISA	2011	2.2400000000	13.4662650899	1.2900000000	0.0391631375	0.1182719349	0.4379341012
		2012	0.9600000000	14.3767262083	1.8900000000	0.0417654859	0.1170107646	0.8535898467
		2013	0.9000000000	14.8262467322	1.2700000000	0.0655873343	0.1169106066	0.0772265006
		2014	1.1300000000	15.2158890209	1.7500000000	0.0690579873	0.0234884585	0.2981836685
		2015	1.0500000000	15.4525585791	2.6600000000	0.0512954286	0.0223662946	0.4682542148
19	INDF	2011	1.3400000000	17.4636560345	2.0400000000	0.0624600391	0.0784698477	0.1706908853
		2012	0.7000000000	17.6295293900	1.9100000000	0.0936332489	0.0781843579	0.1334711906
		2013	0.7400000000	17.7287213976	2.0500000000	0.0820305406	0.0752156611	0.1083021546
		2014	1.0400000000	17.8713221358	1.6700000000	0.0660912111	0.0206608042	0.3149279573
		2015	1.0800000000	17.9680367918	1.8100000000	0.0560004706	0.0253456784	0.1004714533
20	ULTJ	2011	0.5400000000	14.4470009279	2.0000000000	0.0533854348	0.0186591685	0.1580733444
		2012	0.6500000000	14.5585824969	1.5200000000	0.0464958870	0.0191838965	0.0860093412
		2013	0.4400000000	14.8486420150	2.0200000000	0.1459984394	0.0488197905	0.1108723365
		2014	0.4000000000	15.0568459078	2.4700000000	0.1156368515	0.0457998877	0.1614462699
		2015	0.2900000000	15.1807827434	3.3400000000	0.0971384437	0.0392869816	0.0375096786
21	GGRM	2011	0.4400000000	17.4449583487	2.7000000000	0.1348749364	0.0438970398	0.1289235986
		2012	0.5900000000	17.5504228545	2.2400000000	0.1268423193	0.0366179785	0.2715214742
		2013	0.5600000000	17.7079163173	2.1700000000	0.0980192041	0.0237477395	0.0619263288
		2014	0.7300000000	17.8307569691	1.7200000000	0.0863484405	0.0273708672	0.2231047120

		2015	0.7500000000	17.9927529788	1.6200000000	0.1019448958	0.0244252526	0.1467463496
22	DVLA	2011	0.3300000000	13.7420760513	3.7200000000	0.1298205149	0.0526275927	0.0899640511
		2012	0.2800000000	13.7874165923	4.8300000000	0.1302554910	0.0515194977	0.0868518107
		2013	0.2800000000	13.8992816910	4.3100000000	0.1385598279	0.0447995965	0.1577091666
		2014	0.3000000000	13.9123504762	4.2400000000	0.1057061276	0.0451239327	0.1073452741
		2015	0.2800000000	13.9142892609	5.1800000000	0.0654634022	0.0400990611	0.0388167260
23	KAEF	2011	0.4900000000	14.9735951185	2.4300000000	0.0837003980	0.0190168771	0.0605820334
		2012	0.4300000000	15.0628778531	2.7500000000	0.0957301189	0.0253266962	0.0826348042
		2013	0.4400000000	15.1330551430	2.8000000000	0.0990989950	0.0271838338	0.1572285121
		2014	0.5200000000	15.2852435464	2.4300000000	0.0872359361	0.0271094080	0.1905229759
		2015	0.6500000000	15.3242492960	2.3900000000	0.0796887660	0.0179790472	0.2007512318
24	KLBF	2011	0.2200000000	16.1444248748	4.3900000000	0.1829122714	0.0135347487	0.0848522171
		2012	0.2700000000	16.2053608291	3.6500000000	0.1860790322	0.0979731471	0.1766167835
		2013	0.2800000000	16.4282536126	3.4100000000	0.1881549257	0.0989596062	0.1381830368
		2014	0.3300000000	16.5882324588	2.8400000000	0.1771306403	0.0966961576	0.2014347698
		2015	0.2700000000	16.6701706787	3.4000000000	0.1709933768	0.0943889419	0.1004829757
25	TSPC	2011	0.3600000000	15.4514427760	3.3700000000	0.1361961067	0.0200879171	0.1000559897
		2012	0.4000000000	15.5700291129	3.0800000000	0.1377076464	0.0194609824	0.1840814398
		2013	0.3800000000	15.7072375266	3.0900000000	0.1389100116	0.0101729807	0.0900181960
		2014	0.4000000000	15.7404726783	2.9600000000	0.1246583276	0.0175181317	0.1672729353
		2015	0.3600000000	15.8320276086	3.0000000000	0.1205398795	0.0226287793	0.0341666855
26	TCID	2011	0.1000000000	14.1986884748	10.6800000000	0.1255158808	0.0604349832	0.0529026161
		2012	0.1100000000	14.3191127555	11.7400000000	0.1238335257	0.0641058379	0.0798548181
		2013	0.1500000000	14.4313192462	7.7300000000	0.1195356908	0.0671125635	0.1155823197
		2014	0.2400000000	14.5225108397	3.5700000000	0.1095288250	0.0114656705	0.1620033086
		2015	0.4400000000	14.6519802909	1.8000000000	0.0943798277	0.0135766282	0.2641853212
27	UNVR	2011	1.1500000000	16.7956335887	0.8500000000	0.3889835750	0.1627507969	0.1624948063

		2012	1.8500000000	16.9712002481	0.6900000000	0.3972696100	0.1634753418	0.2046886992
		2013	1.9400000000	17.1225162274	0.6400000000	0.4037674993	0.1614568253	0.1433526306
		2014	2.1200000000	17.2416423116	0.7000000000	0.4010001208	0.0126074725	0.1137431280
		2015	1.6000000000	17.3568041450	0.9200000000	0.4018384992	0.0104895116	0.0698583208

**Lampiran 4 : Data Setelah di Outlier**

NO	PERUSAHAAN	TAHUN	DER	SIZE	CR	ROA	BRISK	GROWTH
1	INTP	2011	0.1700000000	16.2258557353	5.5500000000	0.2101467039	0.0712825831	0.1559079470
		2012	0.1500000000	16.4465279394	6.9900000000	0.1984160831	0.0462568635	0.1827941035
		2013	0.1700000000	16.6656583485	6.0300000000	0.2093322130	0.0172849214	0.2536358904
		2014	0.1600000000	16.7435679839	6.1500000000	0.1961102619	0.0191016967	0.1692838459
		2015	0.1700000000	14.5067879916	4.9300000000	0.1784241239	0.0250570832	0.0856057191
2	SMCB	2011	0.5300000000	15.6006798597	1.6600000000	0.0793716812	0.0726007860	0.4365758036
		2012	0.4500000000	15.8336036847	1.4700000000	0.0963414368	0.0438123624	0.0491750269
		2013	0.4500000000	16.0139650453	1.4000000000	0.1135227900	0.0376417331	0.1112292488
		2014	0.7000000000	16.0862191509	0.6400000000	0.0675638587	0.0392473584	0.2240595958
		2015	0.9600000000	16.1696176042	0.6000000000	0.0379411832	0.0415820830	0.1544386401
3	SMGR	2011	0.2900000000	16.4788554704	2.9200000000	0.2334524342	0.0868860588	0.2360113024
		2012	0.3500000000	16.6114980073	2.6500000000	0.2011673718	0.0848333998	0.2633556681
		2013	0.4600000000	16.7909660398	1.7100000000	0.1852882138	0.0935565574	0.3518269085
		2014	0.4100000000	17.0142343273	1.8800000000	0.1599928087	0.0491946532	0.1585381949
		2015	0.3700000000	17.1108671235	2.2100000000	0.1628267633	0.0350928403	0.1143699954
4	TOTO	2011	0.7300000000	13.9301767413	2.1000000000	0.1775384923	0.0561251398	0.0798215833
		2012	0.7600000000	14.0892917087	1.8800000000	0.1632792613	0.0343931070	0.2271810756
		2013	0.7000000000	14.2708845693	2.1500000000	0.1554486085	0.0143903219	0.1366811738

		2014	0.6900000000	14.3527679640	2.1900000000	0.1354718706	0.0188458103	0.1467914129
		2015	0.6500000000	14.5351195169	2.1100000000	0.1453241250	0.0233613980	0.1609864516
5	LION	2011	0.1700000000	12.2444901516	9.4400000000	0.1271174729	0.0723595805	0.1198897430
		2012	0.2100000000	12.5002858437	7.1000000000	0.1436104490	0.0694291029	0.2037380717
		2013	0.1700000000	12.7186627118	9.3400000000	0.1969425394	0.0658564747	0.1850137774
		2014	0.2000000000	12.7179197474	6.7300000000	0.1298940165	0.0298760445	0.1501071518
		2015	0.3500000000	12.8416516224	3.6900000000	0.0816559824	0.0481170947	0.2036532629
		2011	1.0700000000	13.9661771755	3.9100000000	0.0198794121	0.0149692175	0.0400638822
6	SPMA	2012	1.0700000000	13.9890503342	1.2200000000	0.0213149183	0.0130824584	0.0414373095
		2013	1.1400000000	14.0582943705	2.6500000000	0.0240135356	0.0136652141	0.0725465064
		2014	1.3400000000	14.1490055097	1.2000000000	0.0135011708	0.0142796804	0.0617375040
		2015	1.6000000000	14.2542879330	3.6500000000	0.0234541150	0.0093747748	0.1838322093
		2011	1.1000000000	18.6829757753	1.2600000000	0.1272938320	0.0384934786	0.2548311059
7	ASII	2012	1.0200000000	18.9065823284	1.3600000000	0.1390558946	0.0299148792	0.3603143801
		2013	1.0300000000	19.0522343960	1.4000000000	0.1232210847	0.0336975167	0.1872903381
		2014	1.0200000000	19.0827499689	1.2400000000	0.1107881529	0.0127794124	0.1740237225
		2015	0.9600000000	19.1222969608	1.3200000000	0.0938486372	0.0170177275	0.1029701767
		2011	0.3600000000	15.6489091278	1.7600000000	0.2042981089	0.0348384590	0.2025673534
8	AUTO	2012	0.4700000000	15.8120675139	1.3500000000	0.1587611949	0.0278574888	0.2467618190
		2013	0.6200000000	15.9290497363	1.1600000000	0.1211972966	0.0358739526	0.2753234494
		2014	0.3200000000	16.1859400766	1.8900000000	0.0871562105	0.0219859043	0.4206469930
		2015	0.3000000000	16.3214794173	1.3300000000	0.0799791335	0.0266075040	0.1397442541
		2011	0.2600000000	14.4062705758	4.0200000000	0.0898757175	0.0412197571	0.1060267584
9	BRAM	2012	0.3600000000	14.4574760169	2.7900000000	0.0331175054	0.0345209303	0.1121376433
		2013	0.3600000000	14.3366213080	2.1300000000	0.1066705225	0.0489021254	0.3393341080

		2014	0.4700000000	14.7140685908	1.5700000000	0.0081892257	0.0533697270	0.3190639429
		2015	0.7300000000	14.7645274977	1.4200000000	0.0552882828	0.0512449113	0.3072466703
10	GDYR	2011	1.7600000000	14.3685919000	0.8600000000	0.0580792793	0.0158939362	0.0180795119
		2012	1.8000000000	14.4467232905	0.8500000000	0.0165005084	0.0335895415	0.0323148525
		2013	1.3500000000	14.4919697657	0.8900000000	0.0538597184	0.0321675074	0.0110925944
		2014	0.9800000000	14.6319097918	0.9400000000	0.0417331775	0.0329071031	0.1371153697
		2015	1.1700000000	14.5082946726	0.9400000000	0.0218466633	0.0302246961	0.1454136732
11	GJTL	2011	1.9400000000	16.1033782798	1.7600000000	0.0800866446	0.0410076597	0.1467728143
		2012	1.6100000000	16.2871120859	1.7500000000	0.0818793744	0.0401879787	0.1140209575
		2013	1.3500000000	16.3475071973	1.7200000000	0.0843924996	0.0416599571	0.1138682462
		2014	1.6800000000	16.3294027875	2.3100000000	0.0221805391	0.0436959949	0.1927739630
		2015	0.0200000000	16.3858862432	0.0400000000	0.0183132136	0.0367912850	0.0450885344
12	MASA	2011	0.8700000000	14.5120719036	0.6700000000	0.0579519828	0.0590560076	0.1980907279
		2012	1.6800000000	14.8670067804	0.4800000000	0.0301422045	0.0442391763	0.5588238198
		2013	0.6800000000	14.9478554507	1.3900000000	0.0011270492	0.0513687711	0.2749858594
		2014	0.6800000000	17.3411104699	1.5700000000	0.0027797650	0.0337886727	0.2781787971
		2015	0.6700000000	15.0783978167	1.7500000000	0.0005800618	0.0304077565	0.0073063408
13	NIPS	2011	1.2800000000	12.9014548266	1.0200000000	0.0375082196	0.0534149532	0.0735440953
		2012	1.6900000000	13.2694445557	1.0800000000	0.0399182427	0.0533726272	0.3231044472
		2013	1.6000000000	13.4627123754	1.1100000000	0.0827560884	0.0537084718	0.1767251415
		2014	2.3800000000	13.7223684262	1.0500000000	0.0424244246	0.0330235448	0.5189572874
		2015	1.1000000000	13.8312539774	1.2900000000	0.0969611900	0.0129135229	0.5115755353
14	SMSM	2011	0.9600000000	14.2613412364	2.1700000000	0.1409610881	0.0623199310	0.1332255793
		2012	0.7000000000	14.4076715305	2.7200000000	0.1928648961	0.0561514710	0.0653685727
		2013	0.7100000000	14.7763317276	2.0500000000	0.1863323999	0.0470575786	0.2677080163

		2014	0.9600000000	14.6796583715	2.1000000000	0.1988257031	0.0259510928	0.1803346369
		2015	0.5300000000	14.7836192466	2.1100000000	0.2403322291	0.0361237953	0.0283886396
15	RICY	2011	0.8200000000	13.2713384009	1.8200000000	0.0176383406	0.0477911020	0.0226839570
		2012	0.8300000000	13.3316432708	1.7800000000	0.0190158777	0.0373070845	0.0469116599
		2013	1.3000000000	13.5277924849	2.2500000000	0.0201519527	0.0210879357	0.3121095788
		2014	1.9100000000	13.7995691665	1.7700000000	0.0078577124	0.0343744849	0.3173487446
		2015	1.9500000000	13.9856279459	1.7500000000	0.0129079429	0.0272141141	0.0548598253
		2011	0.4600000000	13.3757474403	2.0800000000	0.1259155854	0.0218529699	0.1621727997
16	BATA	2012	0.4600000000	13.4277753423	2.1300000000	0.1095811663	0.0115612211	0.0668989144
		2013	0.4800000000	13.5297586216	2.1200000000	0.1207838943	0.0105281742	0.1112147706
		2014	0.4900000000	13.7128785388	2.5900000000	0.0651902128	0.0355900093	0.1856392874
		2015	0.8100000000	13.8242006892	1.5500000000	0.0913431696	0.0343420854	0.1383988188
		2011	1.0300000000	14.0209723034	2.6300000000	0.0813974610	0.0281340679	0.2116106472
17	KBLI	2012	0.5100000000	14.4263293791	2.1900000000	0.0588330300	0.0272720014	0.8223841336
		2013	0.3700000000	14.6366977687	3.0700000000	0.1077853280	0.0362028891	0.0721479174
		2014	0.5100000000	14.7603304360	2.5500000000	0.0550230288	0.0331936369	0.1509204630
		2015	0.4200000000	14.6843230248	3.3300000000	0.0524439732	0.0301733383	0.0002460692
		2011	2.2400000000	13.4662650899	1.2900000000	0.0391631375	0.1182719349	0.4379341012
18	AISA	2012	0.9600000000	14.3767262083	1.8900000000	0.0417654859	0.1170107646	0.8535898467
		2013	0.9000000000	14.8262467322	1.2700000000	0.0655873343	0.1169106066	0.0772265006
		2014	1.1300000000	15.2158890209	1.7500000000	0.0690579873	0.0234884585	0.2981836685
		2015	1.0500000000	15.4525585791	2.6600000000	0.0512954286	0.0223662946	0.4682542148
		2011	1.3400000000	17.4636560345	2.0400000000	0.0624600391	0.0784698477	0.1706908853
19	INDF	2012	0.7000000000	17.6295293900	1.9100000000	0.0936332489	0.0781843579	0.1334711906
		2013	0.7400000000	17.7287213976	2.0500000000	0.0820305406	0.0752156611	0.1083021546

		2014	1.0400000000	17.8713221358	1.6700000000	0.0660912111	0.0206608042	0.3149279573
		2015	1.0800000000	17.9680367918	1.8100000000	0.0560004706	0.0253456784	0.1004714533
20	ULTJ	2011	0.5400000000	14.4470009279	2.0000000000	0.0533854348	0.0186591685	0.1580733444
		2012	0.6500000000	14.5585824969	1.5200000000	0.0464958870	0.0191838965	0.0860093412
		2013	0.4400000000	14.8486420150	2.0200000000	0.1459984394	0.0488197905	0.1108723365
		2014	0.4000000000	15.0568459078	2.4700000000	0.1156368515	0.0457998877	0.1614462699
		2015	0.2900000000	15.1807827434	3.3400000000	0.0971384437	0.0392869816	0.0375096786
		2011	0.4400000000	17.4449583487	2.7000000000	0.1348749364	0.0438970398	0.1289235986
21	GGRM	2012	0.5900000000	17.5504228545	2.2400000000	0.1268423193	0.0366179785	0.2715214742
		2013	0.5600000000	17.7079163173	2.1700000000	0.0980192041	0.0237477395	0.0619263288
		2014	0.7300000000	17.8307569691	1.7200000000	0.0863484405	0.0273708672	0.2231047120
		2015	0.7500000000	17.9927529788	1.6200000000	0.1019448958	0.0244252526	0.1467463496
		2011	0.3300000000	13.7420760513	3.7200000000	0.1298205149	0.0526275927	0.0899640511
22	DVLA	2012	0.2800000000	13.7874165923	4.8300000000	0.1302554910	0.0515194977	0.0868518107
		2013	0.2800000000	13.8992816910	4.3100000000	0.1385598279	0.0447995965	0.1577091666
		2014	0.3000000000	13.9123504762	4.2400000000	0.1057061276	0.0451239327	0.1073452741
		2015	0.2800000000	13.9142892609	5.1800000000	0.0654634022	0.0400990611	0.0388167260
		2011	0.4900000000	14.9735951185	2.4300000000	0.0837003980	0.0190168771	0.0605820334
23	KAEF	2012	0.4300000000	15.0628778531	2.7500000000	0.0957301189	0.0253266962	0.0826348042
		2013	0.4400000000	15.1330551430	2.8000000000	0.0990989950	0.0271838338	0.1572285121
		2014	0.5200000000	15.2852435464	2.4300000000	0.0872359361	0.0271094080	0.1905229759
		2015	0.6500000000	15.3242492960	2.3900000000	0.0796887660	0.0179790472	0.2007512318
		2011	0.2200000000	16.1444248748	4.3900000000	0.1829122714	0.0135347487	0.0848522171
24	KLBF	2012	0.2700000000	16.2053608291	3.6500000000	0.1860790322	0.0979731471	0.1766167835
		2013	0.2800000000	16.4282536126	3.4100000000	0.1881549257	0.0989596062	0.1381830368



		2014	0.3300000000	16.5882324588	2.8400000000	0.1771306403	0.0966961576	0.2014347698
		2015	0.2700000000	16.6701706787	3.4000000000	0.1709933768	0.0943889419	0.1004829757
25	TSPC	2011	0.3600000000	15.4514427760	3.3700000000	0.1361961067	0.0200879171	0.1000559897
		2012	0.4000000000	15.5700291129	3.0800000000	0.1377076464	0.0194609824	0.1840814398
		2013	0.3800000000	15.7072375266	3.0900000000	0.1389100116	0.0101729807	0.0900181960
		2014	0.4000000000	15.7404726783	2.9600000000	0.1246583276	0.0175181317	0.1672729353
		2015	0.3600000000	15.8320276086	3.0000000000	0.1205398795	0.0226287793	0.0341666855
26	TCID	2011	0.1000000000	14.1986884748	10.6800000000	0.1255158808	0.0604349832	0.0529026161
		2012	0.1100000000	14.3191127555	11.7400000000	0.1238335257	0.0641058379	0.0798548181
		2013	0.1500000000	14.4313192462	7.7300000000	0.1195356908	0.0671125635	0.1155823197
		2014	0.2400000000	14.5225108397	3.5700000000	0.1095288250	0.0114656705	0.1620033086
		2015	0.4400000000	14.6519802909	1.8000000000	0.0943798277	0.0135766282	0.2641853212
27	UNVR	2011	1.1500000000	16.7956335887	0.8500000000	0.3889835750	0.1627507969	0.1624948063
		2012	1.8500000000	16.9712002481	0.6900000000	0.3972696100	0.1634753418	0.2046886992
		2013	1.9400000000	17.1225162274	0.6400000000	0.4037674993	0.1614568253	0.1433526306
		2014	2.1200000000	17.2416423116	0.7000000000	0.4010001208	0.0126074725	0.1137431280
		2015	1.6000000000	17.3568041450	0.9200000000	0.4018384992	0.0104895116	0.0698583208

## Lampiran 5 : Statistik Deskriptif Variabel Penelitian

**Tabel 4.3**  
**Statistik Deskriptif Variabel Penelitian**

	DER	SIZE	CR	ROA	BRISK	GROWTH
Mean	0.731920	15.23841	2.490720	0.099089	0.040218	0.175417
Median	0.590000	14.82625	2.100000	0.095730	0.034838	0.154439
Maximum	2.380000	19.08275	11.74000	0.240332	0.118272	0.853590
Minimum	0.020000	12.50029	0.040000	0.000580	0.009375	0.000246
Std. Dev.	0.496989	1.461677	1.643455	0.058471	0.024015	0.128240
Skewness	1.148399	0.623093	2.358682	0.278101	1.327839	1.894948
Kurtosis	3.811890	2.785724	11.17917	2.275394	4.581771	8.891332
Jarque-Bera	30.90856	8.327568	464.3351	4.345906	49.76364	255.5786
Probability	0.000000	0.015549	0.000000	0.113841	0.000000	0.000000
Sum	91.49000	1904.801	311.3400	12.38614	5.027223	21.92710
Sum Sq. Dev.	30.62774	264.9260	334.9170	0.423933	0.071513	2.039229
Observations	125	125	125	125	125	125

## Lampiran 6 : Hasil Data Uji Asumsi Klasik Sebelum di Transform

### Hasil Uji Normalitas

#### One-Sample Kolmogorov-Smirnov Test

		VAR00001
N		125
Normal Parameters <sup>a</sup>	Mean	.0000
	Std. Deviation	.37794
Most Extreme Differences	Absolute	.111
	Positive	.111
	Negative	-.060
Kolmogorov-Smirnov Z		1.241
Asymp. Sig. (2-tailed)		.092
a. Test distribution is Normal.		

## Lampiran 6 (Lanjutan)

## Hasil Uji Autokorelasi

Date: 03/21/17 Time: 11:53

Sample: 1 125

Included observations: 125

Autocorrelation	Partial Correlation	AC	PAC	Q-Stat	Prob	
. **	. **	1	0.294	0.294	11.103	0.001
. *	. .	2	0.103	0.018	12.472	0.002
. *	. *	3	0.168	0.146	16.146	0.001
. **	. *	4	0.276	0.209	26.109	0.000
. *	. .	5	0.170	0.038	29.937	0.000
. .	. .	6	0.064	-0.021	30.485	0.000
. *	. *	7	0.146	0.091	33.359	0.000
. *	. *	8	0.198	0.080	38.651	0.000
. **	. *	9	0.293	0.212	50.367	0.000
. *	. .	10	0.188	0.054	55.227	0.000
. ***	. **	11	0.361	0.302	73.370	0.000
. **	. .	12	0.244	0.020	81.751	0.000
. *	. .	13	0.185	0.039	86.622	0.000
. .	** .	14	-0.065	-0.294	87.226	0.000
. .	. .	15	0.041	-0.059	87.463	0.000
. .	* .	16	0.060	-0.149	87.984	0.000
. .	* .	17	-0.012	-0.093	88.004	0.000
. .	* .	18	-0.019	-0.093	88.056	0.000
. .	* .	19	-0.019	-0.098	88.108	0.000
. **	. *	20	0.214	0.100	95.002	0.000
. *	. .	21	0.143	0.042	98.109	0.000
. .	* .	22	0.034	-0.087	98.292	0.000
. .	. *	23	0.058	0.135	98.812	0.000
. *	. .	24	0.098	0.006	100.33	0.000
* .	. .	25	-0.115	-0.053	102.42	0.000
* .	. .	26	-0.143	-0.029	105.70	0.000
* .	. .	27	-0.113	-0.031	107.78	0.000
* .	. .	28	-0.070	-0.044	108.58	0.000
* .	* .	29	-0.113	-0.105	110.69	0.000
. .	. *	30	-0.000	0.145	110.69	0.000
. .	* .	31	-0.015	-0.145	110.73	0.000
. .	* .	32	-0.060	-0.098	111.35	0.000
. .	. .	33	-0.020	-0.057	111.42	0.000
. .	. .	34	-0.038	0.032	111.67	0.000
* .	. .	35	-0.075	-0.008	112.66	0.000
* .	. .	36	-0.179	-0.045	118.40	0.000

## Lampiran 6 (Lanjutan ...)

Tabel 4.5

## Hasil Uji Heteosekdastisitas

Heteroskedasticity Test: Harvey

F-statistic	4.712248	Prob. F(5,119)	0.0006
Obs*R-squared	20.65887	Prob. Chi-Square(5)	0.0009
Scaled explained SS	18.74773	Prob. Chi-Square(5)	0.0021

Test Equation:

Dependent Variable: LRESID2

Method: Least Squares

Date: 03/21/17 Time: 11:52

Sample: 1 125

Included observations: 125

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-0.815665	2.012087	-0.405383	0.6859
SIZE	-0.068330	0.131001	-0.521598	0.6029
CR	-0.151537	0.124488	-1.217282	0.2259
ROA	-11.54388	3.570480	-3.233145	0.0016
BRISK	-3.105075	7.813414	-0.397403	0.6918
GROWTH	0.924488	1.464949	0.631071	0.5292
R-squared	0.165271	Mean dependent var		-3.340922
Adjusted R-squared	0.130198	S.D. dependent var		2.124712
S.E. of regression	1.981573	Akaike info criterion		4.252469
Sum squared resid	467.2693	Schwarz criterion		4.388228
Log likelihood	-259.7793	Hannan-Quinn criter.		4.307621
F-statistic	4.712248	Durbin-Watson stat		1.530570
Prob(F-statistic)	0.000581			

**Lampiran 6 (Lanjutan ...)**

## Hasil Uji Multikolinieritas

Variance Inflation Factors  
Date: 03/21/17 Time: 11:54  
Sample: 1 125  
Included observations: 125

Variable	Coefficient Variance	Uncentered VIF	Centered VIF
C	0.153462	128.8793	NA
SIZE	0.000651	128.0160	1.157854
CR	0.000587	4.382341	1.321821
ROA	0.483239	5.361045	1.376353
BRISK	2.314145	4.255307	1.111849
GROWTH	0.081349	3.216744	1.114528

## Lampiran 6 (Lanjutan ...)

### Hasil Uji F

Dependent Variable: DER  
 Method: Least Squares  
 Date: 03/21/17 Time: 11:52  
 Sample: 1 125  
 Included observations: 125

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	1.594967	0.391743	4.071464	0.0001
SIZE	-0.027066	0.025505	-1.061211	0.2907
CR	-0.102484	0.024237	-4.228371	0.0000
ROA	-3.241048	0.695154	-4.662345	0.0000
BRISK	0.583292	1.521231	0.383434	0.7021
GROWTH	0.583494	0.285218	2.045783	0.0430
R-squared	0.421689	Mean dependent var		0.731920
Adjusted R-squared	0.397391	S.D. dependent var		0.496989
S.E. of regression	0.385802	Akaike info criterion		0.979825
Sum squared resid	17.71235	Schwarz criterion		1.115584
Log likelihood	-55.23908	Hannan-Quinn criter.		1.034977
F-statistic	17.35436	Durbin-Watson stat		1.158567
Prob(F-statistic)	0.000000			

## Lampiran 6 (Lanjutan ...)

### Hasil Uji R<sup>2</sup>

Dependent Variable: DER  
 Method: Least Squares  
 Date: 03/21/17 Time: 11:52  
 Sample: 1 125  
 Included observations: 125

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	1.594967	0.391743	4.071464	0.0001
SIZE	-0.027066	0.025505	-1.061211	0.2907
CR	-0.102484	0.024237	-4.228371	0.0000
ROA	-3.241048	0.695154	-4.662345	0.0000
BRISK	0.583292	1.521231	0.383434	0.7021
GROWTH	0.583494	0.285218	2.045783	0.0430
R-squared	0.421689	Mean dependent var		0.731920
Adjusted R-squared	0.397391	S.D. dependent var		0.496989
S.E. of regression	0.385802	Akaike info criterion		0.979825
Sum squared resid	17.71235	Schwarz criterion		1.115584
Log likelihood	-55.23908	Hannan-Quinn criter.		1.034977
F-statistic	17.35436	Durbin-Watson stat		1.158567
Prob(F-statistic)	0.000000			



**Lampiran 7 : Hasil Data Uji Asumsi Klasik Setelah di Transform**

**Tabel 4.3**  
**Hasil Uji Normalitas**

One-Sample Kolmogorov-Smirnov Test		VAR00002
N		125
Normal Parameters <sup>a</sup>	Mean	.0000
	Std. Deviation	.65116
Most Extreme Differences	Absolute	.096
	Positive	.046
	Negative	-.096
Kolmogorov-Smirnov Z		1.076
Asymp. Sig. (2-tailed)		.197
a. Test distribution is Normal.		

## Lampiran 7 (Lanjutan ...)

Tabel 4.4

## Hasil Uji Autokorelasi

Date: 03/21/17 Time: 11:56

Sample: 1 125

Included observations: 125

Autocorrelation	Partial Correlation	AC	PAC	Q-Stat	Prob	
. .	. .	1	0.013	0.013	0.0205	0.886
. .	. .	2	0.018	0.017	0.0605	0.970
. .	. .	3	0.066	0.066	0.6339	0.889
. .	. .	4	0.063	0.062	1.1611	0.884
. .	. .	5	-0.008	-0.012	1.1696	0.948
. .	. .	6	-0.015	-0.021	1.1996	0.977
. .	. .	7	0.025	0.017	1.2817	0.989
. .	. .	8	0.027	0.025	1.3779	0.995
. .	. .	9	0.051	0.054	1.7294	0.995
. .	. .	10	-0.028	-0.031	1.8411	0.997
. .	. .	11	0.027	0.019	1.9392	0.999
. .	. .	12	-0.000	-0.010	1.9392	0.999
. .	. .	13	-0.013	-0.014	1.9618	1.000
. .	. .	14	-0.001	0.002	1.9618	1.000
. .	. .	15	0.000	-0.001	1.9618	1.000
. .	. .	16	-0.007	-0.008	1.9681	1.000
. .	. .	17	-0.034	-0.033	2.1348	1.000
. .	. .	18	-0.027	-0.029	2.2401	1.000
. .	. .	19	-0.017	-0.013	2.2826	1.000
. .	. .	20	0.011	0.015	2.3004	1.000
. .	. .	21	-0.009	0.001	2.3138	1.000
. .	. .	22	-0.017	-0.013	2.3572	1.000
. .	. .	23	-0.010	-0.013	2.3735	1.000
. .	. .	24	-0.010	-0.010	2.3894	1.000
. .	. .	25	-0.033	-0.027	2.5573	1.000
. .	. .	26	-0.014	-0.005	2.5891	1.000
. .	. .	27	-0.030	-0.026	2.7369	1.000
. .	. .	28	-0.024	-0.019	2.8344	1.000
. .	. .	29	-0.018	-0.014	2.8885	1.000
. .	. .	30	0.035	0.043	3.0991	1.000
. .	. .	31	-0.018	-0.013	3.1544	1.000
. .	. .	32	-0.026	-0.022	3.2676	1.000
. .	. .	33	-0.025	-0.027	3.3726	1.000
. .	. .	34	-0.028	-0.029	3.5107	1.000
. .	. .	35	0.008	0.014	3.5216	1.000
. .	. .	36	-0.020	-0.008	3.5939	1.000

## Lampiran 7 (Lanjutan ...)

Tabel 4.6

## Hasil Uji Heteroskedastisitas

Heteroskedasticity Test: Harvey

F-statistic	1.102654	Prob. F(5,119)	0.3627
Obs*R-squared	5.534822	Prob. Chi-Square(5)	0.3541
Scaled explained SS	3.443892	Prob. Chi-Square(5)	0.6319

Test Equation:

Dependent Variable: LRESID2

Method: Least Squares

Date: 03/21/17 Time: 11:55

Sample: 1 125

Included observations: 125

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-4.667615	5.126886	-0.910419	0.3644
LOG(SIZE)	0.426795	1.763892	0.241962	0.8092
LOG(CR)	0.256862	0.265867	0.966128	0.3359
LOG(ROA)	-0.378670	0.179623	-2.108141	0.0371
LOG(BRISK)	0.030708	0.275930	0.111291	0.9116
LOG(GROWTH)	-0.099600	0.168577	-0.590825	0.5558
R-squared	0.044279	Mean dependent var		-2.231426
Adjusted R-squared	0.004122	S.D. dependent var		1.759349
S.E. of regression	1.755719	Akaike info criterion		4.010444
Sum squared resid	366.8234	Schwarz criterion		4.146203
Log likelihood	-244.6527	Hannan-Quinn criter.		4.065596
F-statistic	1.102654	Durbin-Watson stat		1.564421
Prob(F-statistic)	0.362716			

**Lampiran 7 (Lanjutan ...)**

**Tabel 4.7**  
**Hasil Uji Multikolinieritas**

Variance Inflation Factors  
Date: 03/21/17 Time: 11:56  
Sample: 1 125  
Included observations: 125

Variable	Coefficient Variance	Uncentered VIF	Centered VIF
C	3.767435	1065.877	NA
LOG(SIZE)	0.445946	934.1117	1.104805
LOG(CR)	0.010131	2.748756	1.223201
LOG(ROA)	0.004624	10.19932	1.283229
LOG(BRISK)	0.010913	36.23487	1.027249
LOG(GROWTH)	0.004073	5.870725	1.066879

## Lampiran 7 (Lanjutan ...)

Tabel 4.8

## Hasil Uji t

Dependent Variable: LOG(DER)

Method: Least Squares

Date: 03/21/17 Time: 11:54

Sample: 1 125

Included observations: 125

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	<b>0.554206</b>	1.940988	0.285528	<b>0.7757</b>
LOG(SIZE)	<b>-0.578574</b>	0.667792	-0.866399	<b>0.3880</b>
LOG(CR)	<b>-0.267811</b>	0.100655	-2.660688	<b>0.0089</b>
LOG(ROA)	<b>-0.216862</b>	0.068003	-3.188987	<b>0.0018</b>
LOG(BRISK)	<b>-0.106783</b>	0.104464	-1.022192	<b>0.3088</b>
LOG(GROWTH)	<b>0.127921</b>	0.063822	2.004358	<b>0.0473</b>
R-squared	0.223275	Mean dependent var	-0.549001	
Adjusted R-squared	0.190639	S.D. dependent var	0.738845	
S.E. of regression	0.664698	Akaike info criterion	2.067841	
Sum squared resid	52.57696	Schwarz criterion	2.203600	
Log likelihood	-123.2401	Hannan-Quinn criter.	2.122993	
F-statistic	6.841458	Durbin-Watson stat	1.307031	
Prob(F-statistic)	0.000012			

## Lampiran 7 (Lanjutan ...)

**Tabel 4.9**  
**Hasil Uji F**

Dependent Variable: LOG(DER)  
Method: Least Squares  
Date: 03/21/17 Time: 11:54  
Sample: 1 125  
Included observations: 125

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	0.554206	1.940988	0.285528	0.7757
LOG(SIZE)	-0.578574	0.667792	-0.866399	0.3880
LOG(CR)	-0.267811	0.100655	-2.660688	0.0089
LOG(ROA)	-0.216862	0.068003	-3.188987	0.0018
LOG(BRISK)	-0.106783	0.104464	-1.022192	0.3088
LOG(GROWTH)	0.127921	0.063822	2.004358	0.0473
R-squared	0.223275	Mean dependent var		-0.549001
Adjusted R-squared	0.190639	S.D. dependent var		0.738845
S.E. of regression	0.664698	Akaike info criterion		2.067841
Sum squared resid	52.57696	Schwarz criterion		2.203600
Log likelihood	-123.2401	Hannan-Quinn criter.		2.122993
<b>F-statistic</b>	<b>6.841458</b>	Durbin-Watson stat		1.307031
<b>Prob(F-statistic)</b>	<b>0.000012</b>			

## Lampiran 7 (Lanjutan ... )

Tabel 4.10

Hasil Uji R<sup>2</sup>

Dependent Variable: LOG(DER)

Method: Least Squares

Date: 03/21/17 Time: 11:54

Sample: 1 125

Included observations: 125

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	0.554206	1.940988	0.285528	0.7757
LOG(SIZE)	-0.578574	0.667792	-0.866399	0.3880
LOG(CR)	-0.267811	0.100655	-2.660688	0.0089
LOG(ROA)	-0.216862	0.068003	-3.188987	0.0018
LOG(BRISK)	-0.106783	0.104464	-1.022192	0.3088
LOG(GROWTH)	0.127921	0.063822	2.004358	0.0473
R-squared	0.223275	Mean dependent var		-0.549001
<b>Adjusted R-squared</b>	<b>0.190639</b>	S.D. dependent var		0.738845
S.E. of regression	0.664698	Akaike info criterion		2.067841
Sum squared resid	52.57696	Schwarz criterion		2.203600
Log likelihood	-123.2401	Hannan-Quinn criter.		2.122993
F-statistic	6.841458	Durbin-Watson stat		1.307031
Prob(F-statistic)	0.000012			

## Lampiran 7 (Lanjutan...)

Tabel 4.11

## Analisis Regresi Linier Berganda

Dependent Variable: LOG(DER)

Method: Least Squares

Date: 03/21/17 Time: 11:54

Sample: 1 125

Included observations: 125

Variable	Coefficient	Std. Error	t-Statistic	Prob.
<b>C</b>	<b>0.554206</b>	1.940988	0.285528	<b>0.7757</b>
<b>LOG(SIZE)</b>	<b>-0.578574</b>	0.667792	-0.866399	<b>0.3880</b>
<b>LOG(CR)</b>	<b>-0.267811</b>	0.100655	-2.660688	<b>0.0089</b>
<b>LOG(ROA)</b>	<b>-0.216862</b>	0.068003	-3.188987	<b>0.0018</b>
<b>LOG(BRISK)</b>	<b>-0.106783</b>	0.104464	-1.022192	<b>0.3088</b>
<b>LOG(GROWTH)</b>	<b>0.127921</b>	0.063822	2.004358	<b>0.0473</b>
R-squared	0.223275	Mean dependent var		-0.549001
Adjusted R-squared	0.190639	S.D. dependent var		0.738845
S.E. of regression	0.664698	Akaike info criterion		2.067841
Sum squared resid	52.57696	Schwarz criterion		2.203600
Log likelihood	-123.2401	Hannan-Quinn criter.		2.122993
F-statistic	6.841458	Durbin-Watson stat		1.307031
Prob(F-statistic)	0.000012			