

Lampiran 1

Nama Perusahaan

No	Kode Perusahaan	Nama Emiten
1	ALTO	PT Tri Banyan Tirta Tbk
2	ADES	PT Akasha Wira International Tbk
3	ALDO	PT Alkindo Naratama Tbk
4	AISA	PT Tiga Pilar Sejahtera Food Tbk
5	AKPI	PT Argha Karya Prima Industry Tbk
6	ARNA	PT Arwana Citramulia Tbk
7	AUTO	PT Astra Otoparts Tbk
8	BATA	PT Sepatu Bata Tbk
9	BUDI	PT Budi Acid Jaya Tbk
10	CEKA	PT Cahaya Kalbar Tbk
11	INTP	PT Indocement Tunggul Prakarsa Tbk
12	TOTO	PT Surya Toto Indonesia Tbk
13	INDF	PT Indofood Sukses Makmur Tbk
14	INDS	PT Indospring Tbk
15	LION	PT Lion Metal Works Tbk
16	LMSH	PT Lionmesh Prima Tbk
17	PICO	PT Pelangi Indah Canindo Tbk
18	EKAD	PT Ekadharma International Tbk
19	SRSN	PT Indo Acidatama
20	TRST	PT Trias Sentosa Tbk
21	CPIN	PT Charoen Pokphand Indonesia Tbk
22	KDSI	PT Kedawung Setia Industrial Tbk
23	NIPS	PT Nipress Tbk
24	PRAS	PT Prima Alloy Steel Universal Tbk
25	SMSM	PT Selamat Sempurna Tbk
26	STAR	PT Star Petrochem Tbk
27	JECC	PT Jembo Cable Company Tbk
28	SCCO	PT Supreme Cable Manufacturing & Commerce Tbk
29	DLTA	PT Delta Djakarta Tbk
30	ICBP	PT Indofood CBP Sukses Makmur
31	ROTI	PT Nippon Indosari Corpindo Tbk
32	SKLT	PT Sekar Laut Tbk
33	ULTJ	PT Ultrajaya Milk Industry & Tading Company Tbk
34	GGRM	PT Gudang Garam Tbk
35	HMSP	PT Hanjaya Mandala Sampoerna Tbk

36	DVLA	PT Darya-Varia Laboratoria Tbk
37	KLBF	PT Kalbe Farma Tbk
38	AKKU	PT Alam Karya Unggul Tbk
39	ALMI	PT Alumindo Light Metal Industry Tbk
40	MERK	Merck Indonesia Tbk
41	KICI	Kedaung Indah Can Tbk
42	UNVR	Unilever Indonesia Tbk
43	MRAT	Mustika Ratu Tbk
44	MBTO	Martino Berto Tbk
45	TCID	Mandom Indonesia Tbk
46	TSPC	Tempo Scan Pacific Tbk
47	PYFA	Pyridam Farma Tbk
48	FASW	PT Fajar Surya Wisma Tbk
49	GJTL	PT Gajah Tunggal Tbk
50	IKAI	PT Intikeramik Alamsari Industri Tbk
51	IMAS	PT Indomobil Sukses Internasional Tbk
52	INCI	PT Intanwijaya Internasional Tbk
53	JPRS	PT Jaya Pari Steel Tbk
54	KAEF	PT Kimia Farma (Persero) Tbk
55	KBLM	PT Kabelindo Murni Tbk
56	KBRI	PT Kertas Basuki Rachmat Indonesia Tbk
57	KIAS	PT Keramik Indonesia Asosiasi Tbk
58	RICY	PT Ricky Putra Globalindo Tbk
59	SIAP	PT Sekawan Intipratama Tbk
60	SIMA	PT Siwani Makmur Tbk
61	SMGR	PT Semen Indonesia Tbk
62	SMCB	PT Holcim Indonesia Tbk
63	AMFG	PT Asahimas Flat Glass Tbk
64	MLIA	PT Mulia Industrindo Tbk
65	ALKA	PT Alakasa Industriindo Tbk
66	BAJA	PT Saranacentral Bajatama Tbk
67	BTON	PT Betonjaya Manunggal Tbk
68	GDST	PT Gunawan Dianjaya Steel Tbk
69	INAI	PT Indal alumunium Industry Tbk
70	JPRS	PT Jaya Pari Steel Tbk
71	ETWA	PT Eterindo Wahatama Tbk
72	BRNA	PT Berlina Tbk
73	YPAS	PT Yanaprima Hastapersada Tbk
74	MAIN	PT Malindo Feedmill Tbk
75	TIRT	PT Tirta Mahakam Resources
76	MYTX	PT Asia Pasific Investama Tbk

77	SSTM	PT Sunson Textile Manufacturer Tbk
78	UNIT	PT Nusantara Inti Corppora Tbk
79	BIMA	PT Primarindo Asia Infrastructure Tbk
80	MLBI	PT Multi Bintang Indonesia Tbk
81	MYOR	PT Mayora Indah Tbk
82	PSDN	PT Prasadha Aneka Niaga Tbk
83	RMBA	PT Bentoel Internasional Investama Tbk

Lampiran 2

Olah data

No	Kode Perusahaan	Tahun	DER	Size	Volat	Growth	Tangibility Asset Ratiot	
1	ALTO	2014	GROWTH NEGATIF					
	ALTO	2015	GROWTH NEGATIF					
	ALTO	2016	GROWTH NEGATIF					
	ALTO	2017	GROWTH NEGATIF					
2	ADES	2014	0.706783999	11.70318	0.046081237	0.151754	0.339262971	
	ADES	2015	0.989298624	11.81506	0.052093291	0.157124	0.043534836	
	ADES	2016	GROWTH NEGATIF					
	ADES	2017	GROWTH NEGATIF					
3	ALDO	2014	1.32974353	11.53992	0.016777106	0.236728	0.303612165	
	ALDO	2015	1.141302891	11.56349	0.013754604	0.090065	0.321335309	
	ALDO	2016	1.042584823	11.61313	0.012162126	0.23789	0.270812004	
	ALDO	2017	1.173722954	11.69784	0.201154614	0.063482	0.295989503	
4	AISA	2014	1.056330063	12.8677	0.018487337	0.267022	0.242164763	
	AISA	2015	1.284142028	12.95718	0.016940596	0.169441	0.252777101	
	AISA	2016	1.170185489	12.96635	0.017335103	0.088969	0.279563898	
	AISA	2017	GROWTH NEGATIF					
5	AKPI	2014	1.158812691	12.34773	0.017223522	0.169532	0.476295947	
	AKPI	2015	1.603134631	12.45987	0.011857653	0.037054	0.58701467	
	AKPI	2016	1.335559867	12.41762	0.00623887	0.014747	0.620198961	
	AKPI	2017	1.436796907	12.43859	0.008541131	0.008616	0.578518759	
6	ARNA	2014	0.381282327	12.10009	0.070348623	0.13552	0.584673357	
	ARNA	2015	GROWTH NEGATIF					
	ARNA	2016	0.565402035	12.18843	0.104698258	0.170329	0.556434292	
	ARNA	2017	0.520741312	12.18843	0.106610507	0.146171	0.540238512	
7	AUTO	2014	0.418513758	13.15799	0.068631477	0.145154	0.229779487	
	AUTO	2015	GROWTH NEGATIF					
	AUTO	2016	0.278924143	13.16472	0.044854328	0.092383	0.246355564	
	AUTO	2017	0.271179326	13.16915	0.028114178	0.058015	0.238910254	
8	BATA	2014	0.820713026	11.88924	0.034147529	0.117754	0.316465102	
	BATA	2015	0.453356296	11.90051	0.037212796	0.019949	0.295182442	

	BATA	2016	GROWTH NEGATIF				
	BATA	2017	GROWTH NEGATIF				
9	BUDI	2014	GROWTH NEGATIF				
	BUDI	2015	1.954942362	12.51401	0.338193631	0.041412	0.524297196
	BUDI	2016	1.516611415	12.46714	0.280548922	0.037308	0.604330367
	BUDI	2017	1.460413493	12.46827	0.026774252	0.017436	0.634074128
10	CEKA	2014	1.388888917	12.10862	0.045855367	0.462102	0.172534174
	CEKA	2015	GROWTH NEGATIF				
	CEKA	2016	0.605959962	12.15411	0.058948795	0.180682	0.151459973
	CEKA	2017	0.542157587	12.14384	0.057980458	0.034551	0.152453863
11	INTP	2014	0.175270363	13.46067	0.017650512	0.069817	0.420418399
	INTP	2015	GROWTH NEGATIF				
	INTP	2016	GROWTH NEGATIF				
	INTP	2017	GROWTH NEGATIF				
12	TOTO	2014	0.831771263	12.30692	0.022792252	0.200036	0.398126507
	TOTO	2015	0.635582073	12.38731	0.026726398	0.109583	0.358726119
	TOTO	2016	GROWTH NEGATIF				
	TOTO	2017	0.668735883	12.45125	0.037951319	0.049707	0.285297624
13	INDF	2014	1.137280325	13.93419	0.029367793	0.143299	0.255787529
	INDF	2015	1.129594934	13.42424	0.039006737	0.007351	0.944870196
	INDF	2016	0.870092259	13.46093	0.05107346	0.040547	0.889279608
	INDF	2017	0.880788055	13.94418	0.052206536	0.052913	0.338724999
14	INDS	2014	0.252376593	12.35844	0.029853104	0.096643	0.546433222
	INDS	2015	GROWTH NEGATIF				
	INDS	2016	GROWTH NEGATIF				
	INDS	2017	0.135115565	12.38643	0.035211677	0.202162	0.545803666
15	LION	2014	0.420798483	11.78187	0.048450493	0.13171	0.167898364
	LION	2015	0.405724183	11.80573	0.060842804	0.030794	0.176676803
	LION	2016	GROWTH NEGATIF				
	LION	2017	GROWTH NEGATIF				
16	LMSH	2014	GROWTH NEGATIF				

	LMSH	2015	GROWTH NEGATIF				
	LMSH	2016	GROWTH NEGATIF				
	LMSH	2017	0.243333871	11.20727	0.042416758	0.421374	0.346584684
17	PICO	2014	1.718264826	11.79701	0.003269761	0.01444	0.222078791
	PICO	2015	1.451681158	11.78232	0.003307149	0.00717	0.218448208
	PICO	2016	1.402045898	11.80521	0.003588672	0.009181	0.202105367
	PICO	2017	1.575190576	11.85748	0.003261852	0.058569	0.171094681
18	EKAD	2014	0.536830454	11.61461	0.013007933	0.257733	0.255863169
	EKAD	2015	0.334736624	11.59072	0.01405478	0.009427	0.247877384
	EKAD	2016	0.186660347	11.84665	0.013603043	0.0698	0.505006629
	EKAD	2017	0.202091639	11.90133	0.017436304	0.131811	0.457913877
19	SRSN	2014	0.43489461	11.66741	0.020117214	0.205241	0.262789207
	SRSN	2015	0.688054548	11.75897	0.021161086	0.124227	0.218835034
	SRSN	2016	GROWTH NEGATIF				
	SRSN	2017	0.570919825	11.81473	0.029816543	0.041839	0.324418351
20	TRST	2014	0.856758419	12.51339	0.03315781	0.233498	0.607129576
	TRST	2015	GROWTH NEGATIF				
	TRST	2016	GROWTH NEGATIF				
	TRST	2017	0.68706084	12.52282	0.007923488	0.04691	0.597735729
21	CPIN	2014	0.893810282	13.31894	0.124311987	0.135888	0.037462224
	CPIN	2015	0.965136206	13.39243	0.106746103	0.032845	0.001661784
	CPIN	2016	0.709725121	13.3839	0.077380846	0.270666	0.001379385
	CPIN	2017	0.561667598	13.38957	0.05181435	0.290419	0.006715318
22	KDSI	2014	1.581312256	11.98242	0.01758955	0.173062	0.393348569
	KDSI	2015	2.10643319	12.07081	0.025715569	0.053937	0.342372992
	KDSI	2016	0.632500918	12.05777	0.025734883	0.164177	0.339444897
	KDSI	2017	0.634463205	12.12329	0.022400191	0.125383	0.331570812
23	NIPS	2014	1.07284194	12.08165	0.001841874	0.115035	0.372993767
	NIPS	2015	GROWTH NEGATIF				
	NIPS	2016	1.110131386	12.24992	0.012709929	0.052409	0.383277917
	NIPS	2017	GROWTH NEGATIF				
24	PRAS	2014	0.876330404	12.10952	0.005669581	0.409552	0.54847438
	PRAS	2015	1.12206997	12.18629	0.005522301	0.053809	0.559724224
	PRAS	2016	GROWTH NEGATIF				
	PRAS	2017	GROWTH				

			NEGATIF				
25	SMSM	2014	0.566351192	12.24493	0.042832523	0.109515	0.280432104
	SMSM	2015	0.54147619	12.34637	0.027495618	0.064593	0.322027127
	SMSM	2016	0.299229623	12.3531	0.027266528	0.027454	0.291944082
	SMSM	2017	0.251768787	12.38798	0.018821596	0.15976	0.279863924
26	STAR	2014	GROWTH NEGATIF				
	STAR	2015	0.488781439	11.86274	0.002166848	0.132731	0.433902188
	STAR	2016	GROWTH NEGATIF				
	STAR	2017	GROWTH NEGATIF				
27	JECC	2014	5.239037262	12.02699	0.026948197	0.001972	0.114443415
	JECC	2015	2.693925114	12.13305	0.026166396	0.114081	0.291644883
	JECC	2016	0.703669854	12.20063	0.040357585	0.225119	0.25750966
	JECC	2017	0.716096659	12.2851	0.039370081	0.072007	0.294408373
28	SCCO	2014	GROWTH NEGATIF				
	SCCO	2015	GROWTH NEGATIF				
	SCCO	2016	GROWTH NEGATIF				
	SCCO	2017	0.471374588	12.6036	0.038993119	0.314284	0.420340458
29	DLTA	2014	0.311741554	11.99889	0.062030172	0.055103	0.113887608
	DLTA	2015	GROWTH NEGATIF				
	DLTA	2016	GROWTH NEGATIF				
	DLTA	2017	0.171404501	12.12738	0.075578052	0.00302	0.067106261
30	ICBP	2014	0.716193872	13.39845	0.023447384	4.766275	0.232104228
	ICBP	2015	0.620843855	13.42424	0.01889992	0.057245	0.246818749
	ICBP	2016	0.562197963	13.46093	0.016570311	0.082988	0.246152543
	ICBP	2017	0.55574693	13.49996	0.015353498	0.035821	0.256811474
31	ROTI	2014	1.247202496	12.331	0.053166426	0.248913	0.783977855
	ROTI	2015	1.277024864	12.43238	0.037004964	0.156488	0.673008276
	ROTI	2016	1.023661253	12.46533	0.020554655	0.15977	0.631146974
	ROTI	2017	GROWTH NEGATIF				
32	SKLT	2014	1.454062138	11.52754	0.015795043	0.201695	0.401299067
	SKLT	2015	1.480262893	11.57647	0.015348041	0.093464	0.393933854
	SKLT	2016	0.918748788	11.75453	0.013383198	0.1191	0.527373129
	SKLT	2017	1.068747528	11.80365	0.014234434	0.096346	0.490048667
33	ULTJ	2014	0.283651685	12.46511	0.045675928	0.131944	0.343791428

	ULTJ	2015	0.265411512	12.549	0.050998578	0.12182	0.32788538	
	ULTJ	2016	0.214937495	12.62728	0.036222967	0.066468	0.245818079	
	ULTJ	2017	0.232416712	12.71491	0.037078376	0.041308	0.257646705	
34	GGRM	2014	0.757517044	13.76518	0.029101826	0.175856	0.325809345	
	GGRM	2015	0.670847323	13.80281	0.020038946	0.079461	0.316610617	
	GGRM	2016	0.591125044	13.79901	0.0098266	0.08397	0.32563015	
	GGRM	2017	0.582451448	13.82452	0.015316859	0.092191	0.32068001	
35	HMSP	2014	0.52438991	13.45302	0.051976733	0.075507	0.208578879	
	HMSP	2015	0.157709808	13.57991	0.075466822	0.103844	0.165247471	
	HMSP	2016	0.219234524	13.62847	0.070972608	0.071824	0.164396971	
	HMSP	2017	0.264652243	13.63489	0.068991888	0.03797	0.159726013	
36	DVLA	2014	0.310078199	12.09386	0.042603157	0.00194	0.215139691	
	DVLA	2015	0.413717238	12.13871	0.045417224	0.183251	0.187654775	
	DVLA	2016	0.418483214	12.18508	0.040423856	0.111216	0.264208186	
	DVLA	2017	0.469932855	12.21508	0.026516551	0.085638	0.241326369	
37	KLBF	2014	0.273979793	13.09479	0.516690608	0.085389	0.273686305	
	KLBF	2015	0.252153893	13.13661	0.610814138	0.029878	0.287556515	
	KLBF	2016	0.221613924	13.18259	0.617732799	0.083118	0.29920881	
	KLBF	2017	0.1959264	13.22053	0.62678279	0.041699	0.321532423	
38	AKKU	2014	GROWTH NEGATIF					
	AKKU	2015	1.951336699	9.883559	0.220533856	0.240258	0.0099692	
	AKKU	2016	0.372079161	12.02945	0.127892144	18.1807	0.001168705	
	AKKU	2017	GROWTH NEGATIF					
39	ALMI	2014	4.234398839	12.50747	0.016912023	0.161868	0.243056412	
	ALMI	2015	GROWTH NEGATIF					
	ALMI	2016	GROWTH NEGATIF					
	ALMI	2017	OUTLIER					
40	MERK	2014	0.294223154	11.85528	0.046155985	0.071315	0.286154852	
	MERK	2015	0.354990858	11.8073	0.039684202	0.139293	0.172655945	
	MERK	2016	0.27676342	11.87153	0.029197567	0.052225	0.174735658	
	MERK	2017	0.376267493	11.92789	0.033751278	0.117743	0.209832025	
41	KICI	2014	0.229609017	10.98563	0.035494908	0.039802	0.085309425	
	KICI	2015	GROWTH NEGATIF					
	KICI	2016	0.57071701	11.14554	0.038778081	0.083363	0.333846499	
	KICI	2017	0.633033432	11.17441	0.039582761	0.141199	0.30184374	
42	UNVR	2014	2.105315712	13.15475	0.006831699	0.122055	0.514543435	
	UNVR	2015	2.258498434	13.19673	0.017483411	0.057155	0.528985766	

	UNVR	2016	2.559688903	13.2239	0.018789761	0.097843	0.496898875
	UNVR	2017	2.654551524	13.27661	0.020249442	0.028731	0.551248563
43	MRAT	2014	0.299110351	11.69791	0.051856952	0.213945	0.155444149
	MRAT	2015	GROWTH NEGATIF				
	MRAT	2016	GROWTH NEGATIF				
	MRAT	2017	0.356181663	11.69667	0.017070101	0.000921	0.051688172
44	MBTO	2014	0.365034191	11.79196	0.054483393	0.046959	0.240488408
	MBTO	2015	0.494424365	11.81218	0.055258322	0.034829	0.223885173
	MBTO	2016	GROWTH NEGATIF				
	MBTO	2017	0.891420268	11.89247	0.031975781	0.067304	0.193546748
45	TCID	2014	0.443886973	12.26793	0.46971607	0.138224	0.498561375
	TCID	2015	0.214141628	12.3185	0.057982213	0.002897	0.433550796
	TCID	2016	0.225410433	12.33947	0.068172719	0.091532	0.428055657
	TCID	2017	0.270932421	12.37324	0.074050857	0.071086	0.40843419
46	TSPC	2014	0.35340554	12.74762	0.018900195	0.095877	0.277930405
	TSPC	2015	0.44904884	12.79829	0.027096885	0.089105	0.257220707
	TSPC	2016	0.420802431	12.81861	0.02798616	0.116942	0.274339062
	TSPC	2017	0.462984653	12.87128	0.021454294	0.046751	0.26687368
47	PYFA	2014	0.788924228	11.23738	0.0147591	0.154483	0.530958922
	PYFA	2015	GROWTH NEGATIF				
	PYFA	2016	GROWTH NEGATIF				
	PYFA	2017	0.46582577	11.20293	0.014654527	0.027891	0.475859343
48	FASW	2014	2.45337318	12.74671	0.052001376	0.100006	0.668894215
	FASW	2015	GROWTH NEGATIF				
	FASW	2016	1.717549532	12.93365	0.06086476	0.184425	0.730695486
	FASW	2017	1.849448562	12.97173	0.071837598	0.248937	0.68674995
49	GJTL	2014	1.860036289	13.20742	0.046767209	0.058109	0.472114874
	GJTL	2015	GROWTH NEGATIF				
	GJTL	2016	2.197197862	13.27179	0.04947604	0.051142	0.488346611
	GJTL	2017	2.197343301	13.25986	0.023464185	0.037654	0.489257429
50	IKAI	2014	1.891399103	11.71479	0.01765058	0.240154	0.661816067
	IKAI	2015	GROWTH NEGATIF				
	IKAI	2016	GROWTH NEGATIF				
	IKAI	2017	GROWTH				

			NEGATIF				
51	IMAS	2014	GROWTH NEGATIF				
	IMAS	2015	GROWTH NEGATIF				
	IMAS	2016	GROWTH NEGATIF				
	IMAS	2017	2.380504067	13.49659	0.01301361	0.020592	0.14784234
52	INCI	2014	0.08303646	11.16954	0.118908661	0.354226	0.341037368
	INCI	2015	0.100581796	11.22929	0.100876673	0.242179	0.285959959
	INCI	2016	0.109234053	11.43032	0.030368579	0.288283	0.477216413
	INCI	2017	0.131934527	11.48257	0.022908549	0.531837	0.447413351
53	JPRS	2014	0.064948694	11.5705	0.052321141	0.606356	0.035220323
	JPRS	2015	GROWTH NEGATIF				
	JPRS	2016	GROWTH NEGATIF				
	JPRS	2017	0.22741432	11.55316	0.046016268	1.024372	0.029002298
54	KAEF	2014	0.750517486	12.48026	0.011138967	0.039776	0.188256228
	KAEF	2015	0.737946189	12.51004	0.012095794	0.07506	0.210659943
	KAEF	2016	1.030706831	12.66394	0.01853173	0.195691	0.218261595
	KAEF	2017	1.369718091	12.78506	0.018648364	0.054371	0.276860916
55	KBLM	2014	GROWTH NEGATIF				
	KBLM	2015	1.207217736	11.81583	0.01133813	0.052388	0.445011291
	KBLM	2016	0.993079211	11.80556	0.014247643	0.020356	0.382008912
	KBLM	2017	0.560720554	12.09174	0.013801942	0.230976	0.552664721
56	KBRI	2014	OUTLIER				
	KBRI	2015	1.793134069	12.16314	0.049869025	5.947309	0.782611626
	KBRI	2016	GROWTH NEGATIF				
	KBRI	2017	GROWTH NEGATIF				
57	KIAS	2014	GROWTH NEGATIF				
	KIAS	2015	GROWTH NEGATIF				
	KIAS	2016	0.223442853	12.26944	0.073393583	0.079114	0.710634304
	KIAS	2017	GROWTH NEGATIF				
58	RICY	2014	1.954109836	12.06847	0.005107085	0.204493	0.272158363
	RICY	2015	GROWTH NEGATIF				
	RICY	2016	2.124089285	12.11015	0.004928953	0.099426	0.258023587

	RICY	2017	2.194411818	12.13813	0.001897865	0.310198	0.23511775
59	SIAP	2014	GROWTH NEGATIF				
	SIAP	2015	OUTLIER				
	SIAP	2016	GROWTH NEGATIF				
	SIAP	2017	GROWTH NEGATIF				
60	SIMA	2014	1.071294623	10.79663	0.268168686	5.906784	0.12866799
	SIMA	2015	GROWTH NEGATIF				
	SIMA	2016	GROWTH NEGATIF				
	SIMA	2017	2.035057439	10.93552	0.048701729	0.286829	0.077022299
61	SMGR	2014	0.369396944	13.53569	0.056150737	0.101456	0.58899156
	SMGR	2015	GROWTH NEGATIF				
	SMGR	2016	GROWTH NEGATIF				
	SMGR	2017	0.608575145	13.68987	0.044943694	0.064259	0.66423576
62	SMCB	2014	GROWTH NEGATIF				
	SMCB	2015	GROWTH NEGATIF				
	SMCB	2016	GROWTH NEGATIF				
	SMCB	2017	GROWTH NEGATIF				
63	AMFG	2014	0.23040235	12.59311	0.021363028	0.141678	0.390679746
	AMFG	2015	GROWTH NEGATIF				
	AMFG	2016	0.529448798	12.74075	0.036360601	0.015845	0.63946909
	AMFG	2017	0.766140669	12.79712	0.051675008	0.043424	0.649139988
64	MLIA	2014	GROWTH NEGATIF				
	MLIA	2015	OUTLIER				
	MLIA	2016	OUTLIER				
	MLIA	2017	1.930853456	12.71489	0.088363689	0.083435	0.750634223
65	ALKA	2014	2.957635341	11.38969	0.020438559	0.1189	0.058474184
	ALKA	2015	GROWTH NEGATIF				
	ALKA	2016	1.235825664	11.13551	0.018226273	0.537224	0.176083148
	ALKA	2017	2.888460859	11.4846	0.030383874	0.678338	0.074059137
66	BAJA	2014	4.603584529	11.98202	0.064254769	0.168908	0.288741573

	BAJA	2015	4.869576784	11.97712	0.062958114	0.017359	0.262994624
	BAJA	2016	GROWTH NEGATIF				
	BAJA	2017	4.502091547	11.9761	0.064347011	0.244654	0.212194852
67	BTON	2014	GROWTH NEGATIF				
	BTON	2015	GROWTH NEGATIF				
	BTON	2016	GROWTH NEGATIF				
	BTON	2017	0.18664587	11.26364	0.21837144	0.402338	0.059988165
68	GDST	2014	GROWTH NEGATIF				
	GDST	2015	GROWTH NEGATIF				
	GDST	2016	GROWTH NEGATIF				
	GDST	2017	0.522519893	12.10956	0.062613049	0.622286	0.624470476
69	INAI	2014	6.340625063	11.95117	0.018948905	0.456935	0.115631798
	INAI	2015	4.546886371	12.12394	0.015856518	0.483376	0.174400378
	INAI	2016	GROWTH NEGATIF				
	INAI	2017	GROWTH NEGATIF				
70	JPRS	2014	0.064948694	11.5705	0.052321141	0.606356	0.035220323
	JPRS	2015	GROWTH NEGATIF				
	JPRS	2016	GROWTH NEGATIF				
	JPRS	2017	0.22741432	11.55316	0.091641529	1.024372	0.029002298
71	ETWA	2014	GROWTH NEGATIF				
	ETWA	2015	GROWTH NEGATIF				
	ETWA	2016	GROWTH NEGATIF				
	ETWA	2017	GROWTH NEGATIF				
72	BRNA	2014	2.725741425	12.12518	0.044389975	0.309928	0.539222245
	BRNA	2015	1.199242044	12.26026	0.051145973	0.0155	0.660204878
	BRNA	2016	OUTLIER				
	BRNA	2017	GROWTH NEGATIF				
73	YPAS	2014	GROWTH NEGATIF				

	YPAS	2015	GROWTH NEGATIF				
	YPAS	2016	0.973625522	11.44756	0.044640743	0.00335	0.548101417
	YPAS	2017	1.38835158	11.48222	0.034915495	0.087159	0.480247648
74	MAIN	2014	2.276063127	12.54792	0.107182772	0.073692	0.446447697
	MAIN	2015	1.558508125	12.59792	0.11754228	0.060625	0.45986129
	MAIN	2016	1.133117607	12.59326	0.103830882	0.098707	0.499252375
	MAIN	2017	1.393815371	12.60983	0.072639233	0.037179	0.500704197
75	TIRT	2014	7.687485942	11.85352	0.117298618	0.099525	0.256613949
	TIRT	2015	7.371644729	11.88262	0.119422441	0.046906	0.284013166
	TIRT	2016	GROWTH NEGATIF				
	TIRT	2017	GROWTH NEGATIF				
76	MYTX	2014	DER NEGATIF				
	MYTX	2015	GROWTH NEGATIF				
	MYTX	2016	GROWTH NEGATIF				
	MYTX	2017	OUTLIER				
77	SSTM	2014	GROWTH NEGATIF				
	SSTM	2015	GROWTH NEGATIF				
	SSTM	2016	GROWTH NEGATIF				
	SSTM	2017	GROWTH NEGATIF				
78	UNIT	2014	0.823798403	11.64417	0.002470666	0.005514	0.787705906
	UNIT	2015	0.895424143	11.66327	0.003586511	0.154343	0.710849128
	UNIT	2016	GROWTH NEGATIF				
	UNIT	2017	GROWTH NEGATIF				
79	BIMA	2014	DER NEGATIF				
	BIMA	2015	GROWTH NEGATIF				
	BIMA	2016	GROWTH NEGATIF				
	BIMA	2017	GROWTH NEGATIF				
80	MLBI	2014	GROWTH NEGATIF				
	MLBI	2015	GROWTH NEGATIF				

	MLBI	2016	1.77227286	12.35699	0.258859601	0.210284	0.243423187
	MLBI	2017	1.357091008	12.39969	0.350169963	0.038741	0.54344367
81	MYOR	2014	OUTLIER				
	MYOR	2015	1.183617902	13.05472	0.037547958	0.045849	0.33243325
	MYOR	2016	1.062552893	13.11134	0.039475496	0.238295	0.27776682
	MYOR	2017	1.028167978	13.17365	0.085480267	0.134426	0.266076521
82	PSDN	2014	GROWTH NEGATIF				
	PSDN	2015	GROWTH NEGATIF				
	PSDN	2016	1.332611204	11.81544	0.057405	0.013639	0.431567552
	PSDN	2017	1.307224487	11.83947	0.078510361	0.500238	0.39062012
83	RMBA	2014	DER NEGATIF				
	RMBA	2015	DER NEGATIF				
	RMBA	2016	0.42680006	13.1294	0.0403272	0.143605	0.329236416
	RMBA	2017	0.451560401	13.14871	0.027444863	0.053559	0.354169723

Lampiran 3

Analisis Statistik Deskriptif

	DER?	SIZE?	VOLAT?	GROWTH?	SA?
Mean	1.104774	12.32839	0.060887	0.310793	0.347588
Median	0.727070	12.23000	0.036292	0.098275	0.302728
Maximum	7.687486	13.94418	0.626783	18.18070	0.944870
Minimum	0.043120	9.883559	0.001842	0.000921	0.001169
Std. Dev.	1.176836	0.714185	0.097063	1.425912	0.190631
Skewness	2.900192	0.156377	4.102006	10.47183	0.496888
Kurtosis	13.64516	2.856971	21.30889	124.9676	2.892509
Jarque-Bera	1249.193	1.005311	3421.431	130175.3	8.492739
Probability	0.000000	0.604922	0.000000	0.000000	0.014316
Sum	225.3739	2514.991	12.42092	63.40173	70.90792
Sum Sq. Dev.	281.1432	103.5423	1.912517	412.7446	7.377087
Observations	204	204	204	204	204
Cross sections	76	76	76	76	76

Lampiran 4

Uji Haustman Test

Test Summary	Chi-Sq. Statistic	Chi-Sq. d.f.	Prob.
Cross-section random	4.094096	4	0.3934

Lampiran 5

Uji R^2 dan uji F

Effects Specification			
		S.D.	Rho
Cross-section random		1.123309	0.8694
Idiosyncratic random		0.435335	0.1306
Weighted Statistics			
R-squared	0.049525	Mean dependent var	0.253898
Adjusted R-squared	0.030420	S.D. dependent var	0.463116
S.E. of regression	0.449956	Sum squared resid	40.28961
F-statistic	2.592277	Durbin-Watson stat	1.144236
Prob(F-statistic)	0.037842		
Unweighted Statistics			
R-squared	-0.013417	Mean dependent var	1.104774
Sum squared resid	284.9154	Durbin-Watson stat	0.161805

Lampiran 6

Uji T statistik

Dependent Variable: DER?

Method: Pooled EGLS (Cross-section random effects)

Date: 02/07/20 Time: 00:36

Sample: 2014 2017

Included observations: 4

Cross-sections included: 76

Total pool (unbalanced) observations: 204

Swamy and Arora estimator of component variances

Cross sections without valid observations dropped

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	3.600197	1.986825	1.812035	0.0715
SIZE?	-0.176850	0.162063	-1.091240	0.2765
VOLAT?	0.003567	0.751538	0.004747	0.9962
GROWTH?	-0.064403	0.032421	-1.986485	0.0484

HANIFATI ZHRINA SARI “PENGARUH UKURAN PERUSAHAAN, RISIKO BISNIS, PERTUMBUHAN PENJUALAN DAN STRUKTUR AKTIVA TERHADAP STRUKTUR MODAL”

ORIGINALITY REPORT

15%	15%	8%	19%
SIMILARITY INDEX	INTERNET SOURCES	PUBLICATIONS	STUDENT PAPERS

PRIMARY SOURCES

1	adoc.tips Internet Source	2%
2	docplayer.info Internet Source	2%
3	sinta.unud.ac.id Internet Source	1%
4	ojs.unud.ac.id Internet Source	1%
5	lib.unnes.ac.id Internet Source	1%
6	eprints.dinus.ac.id Internet Source	1%
7	www.scribd.com Internet Source	1%
8	eprints.uny.ac.id Internet Source	1%

9	id.123dok.com Internet Source	1%
10	repository.unhas.ac.id Internet Source	1%
11	docobook.com Internet Source	1%
12	muslim.or.id Internet Source	1%
13	eprints.unisbank.ac.id Internet Source	1%
14	eprints.perbanas.ac.id Internet Source	1%
15	Submitted to Trisakti University Student Paper	1%
16	Submitted to Universitas Negeri Jakarta Student Paper	1%
17	publikasi.umy.ac.id Internet Source	1%

Exclude quotes On

Exclude matches < 1%

Exclude bibliography Off



PERPUSTAKAAN
UNIVERSITAS MUHAMMADIYAH YOGYAKARTA
PERPUSTAKAAN Terakreditasi "A" (Perpustakaan Nasional RI No: 29/1/ee/XII.2014)

Perpustakaan Universitas Muhammadiyah Yogyakarta menyatakan bahwa Skripsi atas:

Nama : HANIFATI ZHRINA SARI
NIM : 20160410102
Prodi : Manajemen/FEB
Judul : **PENGARUH UKURAN PERUSAHAAN, RISIKO BISNIS, PERTUMBUHAN PENJUALAN DAN STRUKTUR AKTIVA TERHADAP STRUKTUR MODAL (Studi Perusahaan Manufaktur yang Terdaftar di Bursa Efek Indonesia (BEI) pada tahun 2014-2017)**
Dosen Pembimbing : Wihandaru SP., Drs., M.Si.

Telah dilakukan tes Turnitin filter 1%, dengan indeks similaritasnya sebesar 15%.
Semoga surat keterangan ini dapat digunakan sebagaimana mestinya.

Mengetahui
Ka. Ur. Pengolahan

Laela Niswatin, S.I.Pust

Yogyakarta, 12/23/2019
yang melaksanakan pengecekan

Ikram Al-Zein, S.Kom.I