



Lampiran 1. Daftar Perusahaan Sampel

**Daftar Nama Perusahaan Manufaktur yang Terdaftar di Bursa Efek
Indonesia (BEI)
Tahun 2016-2018**

NO	KODE	NAMA PERUSAHAAN
1	AGII	Aneka Gas Industri Tbk
2	AKPI	Argha Karya Prima Industry Tbk
3	ALKA	Alumindo Light Metal Industry Tbk
4	AMFG	Asahimas Flat Glass Tbk
5	AMIN	Ateliers Mecaniques D'Indonesie Tbk
6	ARNA	Arwana Citra Mulia Tbk
7	AUTO	Astra Otoparts Tbk
8	BUDI	Budi Acid Jaya Tbk
9	CPIN	Charoen Pokphand Indonesia Tbk
10	DLTA	Delta Djakarta Tbk
11	DVLA	Darya Varia Laboratoria Tbk
12	EKAD	Ekadharma International Tbk
13	FASW	Fajar Surya Wisesa Tbk
14	ICBP	Indofood CBP Sukses Makmur Tbk
15	INCI	Intan Wijaya International Tbk
16	INDF	Indofood Sukses Makmur Tbk
17	JECC	Jembo Cable Company Tbk
18	JPFA	Japfa Comfeed Indonesia Tbk
19	KAEF	Kimia Farma Tbk
20	KBLI	KMI Wire & Cable Tbk
21	KBLM	Kabelindo Murni Tbk
22	KDSI	Kedawung Setia Industrial Tbk
23	KLBF	Kalbe Farma Tbk
24	MAIN	Malindo Feedmill Tbk
25	MLBI	Multi Bintang Indonesia Tbk
26	PICO	Pelangi Indah Canindo Tbk
27	SCCO	Supreme Cable Manufacturing Corporation Tbk
28	SIDO	Industri Jamu dan Farmasi Sido Tbk
29	SKBM	Sekar Bumi Tbk
30	SKLT	Sekar Laut Tbk
31	SMBR	Semen Baturaja (Persero) Tbk

32	SMSM	Selamat Sempurna Tbk
33	SPMA	Suparma Tbk
34	TALF	Tunas Alfin Tbk
35	TSPC	Tempo Scan Pacific Tbk
36	ULTJ	Ultra Jaya Milk Industry and Trading Company Tbk
37	VOKS	Voksel Electric Tbk
38	WSBP	Waskita Beton Precast Tbk
39	WTON	Wijaya Karya Beton Tbk



Lampiran 2. Struktur Modal

**Struktur Modal (DER) : Total Debt (Total Hutang)
Total Equity (Total Modal)**

No	Kode	Total Hutang 2016	Total Hutang 2017	Total Hutang 2018	Total Modal 2016	Total Modal 2017	Total Modal 2018	Struktur Modal 2016	Struktur Modal 2017	Struktur Modal 2018
1	AGII	2,996,929	2,971,605	3,499,963	2,760,840	3,358,010	3,147,792	1.08551347	0.88493036	1.11187874
2	AKPI	1,495,874,021	1,618,713,342	1,836,576,739	1,120,035,169	1,126,612,491	1,233,833,753	1.33555987	1.43679691	1.48851232
3	ALKA	75,514,424	226,717,826	548,236,812	61,104,431	78,490,877	100,731,483	1.23582566	2.88846086	5.44255674
4	AMFG	1,905,626	2,718,939	4,835,966	3,599,264	3,548,877	3,596,666	0.52944880	0.76614067	1.34456911
5	AMIN	71,412,193,880	101,086,129,009	178,767,779,764	127,562,387,693	151,366,178,112	182,138,438,811	0.55982171	0.66782507	0.98149397
6	ARNA	595,128,097,887	571,946,769,034	556,309,556,626	948,088,201,259	1,029,399,792,539	1,096,596,429,104	0.62771385	0.55561189	0.50730564
7	AUTO	4,075,716	4,003,233	4,626,013	10,536,558	10,759,076	11,263,635	0.38681664	0.37207963	0.41070338
8	BUDI	1,766,825	1,744,756	2,166,496	1,164,982	1,194,700	1,226,484	1.51661142	1.46041349	1.76642826
9	CPIN	10,049,156	8,822,202	8,253,944	14,161,459	15,710,129	19,391,174	0.70961304	0.56156140	0.42565468
10	DLTA	185,423	196,197	239,353	1,012,374	1,144,645	1,284,164	0.18315662	0.17140423	0.18638819
11	DVLA	451,785,946	524,586,078	482,559,876	1,079,579,612	1,116,300,069	1,200,261,863	0.41848321	0.46993285	0.40204550
12	EKAD	110,503,822,983	133,949,920,707	128,684,953,153	592,004,807,725	662,817,725,465	724,582,501,247	0.18666035	0.20209164	0.17759876
13	FASW	5,424,781,372,865	6,081,574,204,386	6,676,781,411,219	3,158,442,463,132	3,288,317,572,389	4,288,337,297,565	1.71754953	1.84944856	1.55696275
14	ICBP	10,401,125	11,295,184	11,660,003	18,500,823	20,324,330	22,707,150	0.56219796	0.55574693	0.51349478
15	INCI	26,524,918,593	35,408,565,186	71,410,278,158	242,826,462,751	268,379,825,144	319,952,419,798	0.10923405	0.13193453	0.22319030
16	INDF	38,233,092	41,182,764	46,620,996	43,941,423	46,756,724	49,916,800	0.87009226	0.88078806	0.93397405
17	JECC	1,116,872,234	1,380,623,870	1,472,379,829	470,338,342	547,361,482	609,241,164	2.37461447	2.52232558	2.41674384

18	JPFA	9,888,685	11,297,508	12,823,219	8,364,057	8,662,040	10,214,809	1.18228331	1.30425489	1.25535573
19	KAEF	2,341,155,131,870	3,523,628,217,406	6,103,967,587,830	2,271,407,409,194	2,572,520,755,128	3,356,459,729,851	1.03070683	1.36971809	1.81857316
20	KBLI	550,076,575,595	1,227,014,231,702	1,213,840,888,147	1,321,345,840,449	1,786,746,385,283	2,030,980,758,929	0.41630023	0.68673106	0.59766243
21	KBLM	318,436,089,653	443,770,270,269	476,887,194,322	320,655,277,264	791,428,577,199	821,471,284,053	0.99307921	0.56072055	0.58052814
22	KDSI	722,488,734,446	842,752,226,507	836,245,435,111	419,784,286,104	485,539,501,109	555,171,029,401	1.72109523	1.73570271	1.50628435
23	KLBF	2,762,162,069,572	2,722,207,633,646	2,851,611,349,015	12,463,847,141,085	13,894,031,782,689	15,294,594,796,354	0.22161392	0.19592640	0.18644569
24	MAIN	2,082,189,069	2,371,092,779	2,344,198,361	1,686,818,347	1,637,542,940	1,896,646,094	1.23438844	1.44795762	1.23597036
25	MLBI	1,454,398	1,445,173	1,721,965	820,640	1,064,905	1,167,536	1.77227286	1.35709101	1.47487101
26	PICO	372,723,897,214	440,013,937,282	553,371,264,957	265,842,864,248	283,048,886,048	299,561,177,628	1.40204590	1.55455103	1.84727297
27	SCCO	1,229,514,818,362	1,286,017,105,712	1,254,447,340,790	1,220,420,673,224	2,728,227,483,994	2,910,749,138,067	1.00745165	0.47137459	0.43097061
28	SIDO	229,729	262,333	435,014	2,757,885	2,895,865	2,902,614	0.08329898	0.09058882	0.14986974
29	SKBM	633,267,725,358	599,790,014,646	730,789,419,438	368,389,286,646	1,023,237,460,399	1,040,576,552,571	1.71901776	0.58616894	0.70229280
30	SKLT	272	329	408	296	308	339	0.91891892	1.06818182	1.20353982
31	SMBR	1,248,119,294	1,647,477,388	2,064,408,447	3,120,757,702	3,412,859,859	3,473,671,056	0.39994111	0.48272635	0.59430165
32	SMSM	674,685	615,157	650,926	1,580,055	1,828,184	2,150,277	0.42700096	0.33648528	0.30271728
33	SPMA	1,047,296,887,831	980,123,282,608	1,013,266,115,558	1,079,146,551,310	1,172,195,335,156	1,254,609,679,208	0.97048625	0.83614331	0.80763454
34	TALF	129,777,537,129	155,076,156,734	176,218,785,183	751,895,484,830	766,164,831,783	808,378,986,806	0.17260050	0.20240574	0.21799031
35	TSPC	1,950,534,206,746	2,352,891,899,876	2,437,126,989,832	4,635,273,142,692	5,082,008,409,145	5,432,848,070,494	0.42080243	0.46298465	0.44859104
36	ULTJ	749,967	978,185	780,915	3,489,233	4,197,711	4,774,956	0.21493749	0.23302819	0.16354392
37	VOKS	999,166	1,296,044	1,562,752	669,043	814,122	922,629	1.49342568	1.59195305	1.69380325
38	WSBP	6,328,766,443,251	7,602,892,583,336	7,340,075,399,350	7,405,501,041,961	7,316,656,090,419	7,882,313,190,464	0.85460341	1.03912122	0.93120829
39	WTON	2,171,844,871,664	4,320,040,760,958	5,744,966,289,467	2,491,233,447,304	2,747,935,334,085	3,136,812,010,205	0.87179500	1.57210423	1.83146656

Lampiran 3. Profitabilitas

Profitabilitas : Laba Setelah Pajak

Total Aktiva

No	Kode	Laba Setelah Pajak 2016	Laba Setelah Pajak 2017	Laba Setelah Pajak 2018	Total Aktiva 2016	Total Aktiva 2017	Total Aktiva 2018	Profitabilitas 2016	Profitabilitas 2017	Profitabilitas 2018
1	AGII	64,287	97,598	114,374	5,847,722	6,403,543	6,647,755	0.01099351	0.01524125	0.01720491
2	AKPI	52,393,857	13,333,970	64,226,271	2,615,909,190	2,745,325,833	3,070,410,492	0.02002893	0.00485697	0.02091781
3	ALKA	516,167	15,406,256	22,943,498	136,618,855	305,208,703	648,968,295	0.00377815	0.05047777	0.03535380
4	AMFG	260,444	38,569	6,596	5,504,890	6,267,816	8,432,632	0.04731139	0.00615350	0.00078220
5	AMIN	18,768,425,668	32,251,863,039	39,082,873,015	198,974,581,573	252,452,307,121	360,906,218,575	0.09432575	0.12775428	0.10829094
6	ARNA	91,375,910,975	122,183,909,643	158,207,798,602	1,543,216,299,146	1,601,346,561,573	1,652,905,985,730	0.05921134	0.07630073	0.09571494
7	AUTO	483,421	547,781	680,801	14,612,274	14,762,309	15,889,648	0.03308321	0.03710673	0.04284557
8	BUDI	38,624	45,691	50,467	2,931,807	2,939,456	3,392,980	0.01317413	0.01554403	0.01487395
9	CPIN	2,225,402	2,499,875	4,551,485	24,204,994	24,532,331	27,645,118	0.09193979	0.10190124	0.16463974
10	DLTA	254,509	279,773	33,813	1,197,797	1,340,843	1,523,517	0.21248091	0.20865456	0.02219404
11	DVLA	152,083,400	162,249,293	200,651,968	1,531,365,558	1,640,886,147	1,682,821,739	0.09931228	0.09887907	0.11923543
12	EKAD	90,685,821,530	76,195,665,729	74,045,187,763	702,508,630,708	796,767,646,172	853,267,454,400	0.12908855	0.09563097	0.08677840
13	FASW	778,012,761,625	595,868,198,714	1,405,367,771,073	8,583,223,835,997	9,369,891,776,775	10,965,118,708,784	0.09064342	0.06359393	0.12816713
14	ICBP	3,631,301	3,543,173	4,658,781	28,901,948	31,619,514	34,367,153	0.12564208	0.11205653	0.13555912
15	INCI	9,988,836,259	16,554,272,131	16,675,673,703	269,351,381,344	303,788,390,330	391,362,697,956	0.03708478	0.05449277	0.04260926
16	INDF	5,266,906	5,097,264	4,961,851	82,174,515	88,400,877	96,537,796	0.06409415	0.05766079	0.05139801
17	JECC	132,423,161	83,355,370	88,428,879	1,587,210,576	1,927,985,352	2,081,620,993	0.08343138	0.04323444	0.04248078

18	JPFA	2,171,608	1,043,104	2,253,201	18,252,742	19,959,548	23,038,028	0.11897434	0.05226090	0.09780355
19	KAEF	271,597,947,663	331,707,917,461	401,792,808,948	4,612,562,541,064	6,096,148,972,534	9,460,427,317,681	0.05888223	0.05441270	0.04247089
20	KBLI	334,338,838,592	358,974,051,474	235,651,063,203	1,871,422,416,044	3,013,760,616,985	3,244,821,647,076	0.17865493	0.11911167	0.07262373
21	KBLM	21,245,022,916	43,994,949,645	40,675,096,628	639,091,366,917	1,235,198,847,468	1,298,358,478,375	0.03324254	0.03561771	0.03132809
22	KDSI	47,127,349,067	68,965,208,549	76,761,902,211	1,142,273,020,550	1,328,291,727,616	1,391,416,464,512	0.04125752	0.05192023	0.05516817
23	KLBF	2,350,884,933,551	2,453,251,410,604	2,497,261,964,757	15,226,009,210,657	16,616,239,416,335	18,146,206,145,369	0.15439928	0.14764179	0.13761896
24	MAIN	290,230,477	42,943,995	284,246,878	3,769,007,416	4,008,635,719	4,335,844,455	0.07700449	0.01071287	0.06555744
25	MLBI	982,129	1,322,067	1,224,807	2,275,038	2,510,078	2,889,501	0.43169784	0.52670355	0.42388184
26	PICO	13,753,451,941	20,189,516,036	15,730,408,346	638,566,761,462	723,062,823,329	852,932,442,585	0.02153800	0.02792222	0.01844274
27	SCCO	340,593,630,534	269,730,298,809	253,995,332,656	2,449,935,491,586	4,014,244,589,706	4,165,196,478,857	0.13902147	0.06719329	0.06098040
28	SIDO	480,525	533,799	663,849	2,987,614	3,158,198	3,337,628	0.16083905	0.16902012	0.19889844
29	SKBM	22,545,456,050	25,880,464,791	15,954,632,472	1,001,657,012,004	1,623,027,475,045	1,771,365,972,009	0.02250816	0.01594580	0.00900697
30	SKLT	21	23	32	568	636	747	0.03697183	0.03616352	0.04283802
31	SMBR	259,090,525	146,648,432	76,074,721	4,368,876,996	5,060,337,247	5,538,079,503	0.05930369	0.02897997	0.01373666
32	SMSM	502,192	555,388	633,550	2,254,740	2,443,341	2,801,203	0.22272723	0.22730679	0.22617068
33	SPMA	81,063,430,679	92,280,117,234	82,232,722,269	2,158,852,415,950	2,175,660,855,114	2,282,845,632,924	0.03754932	0.04241475	0.03602202
34	TALF	30,137,707,324	21,465,836,784	43,976,734,000	881,673,021,959	921,240,988,517	984,597,771,989	0.03418241	0.02330100	0.04466467
35	TSPC	545,493,536,262	557,339,581,996	540,378,145,887	6,585,807,349,438	7,434,900,309,021	7,869,975,060,326	0.08282865	0.07496262	0.06866326
36	ULTJ	709,826	718,402	701,607	4,239,200	5,175,896	5,555,871	1.01171454	0.13879761	0.12628209
37	VOKS	160,046	166,205	105,469	1,668,210	2,110,167	2,485,383	0.09593876	0.07876391	0.04243571
38	WSBP	634,819,524,892	1,000,330,150,510	1,103,472,788,182	13,734,267,485,212	14,919,548,673,755	15,222,388,589,814	0.04622158	0.06704828	0.07249012
39	WTON	281,568	340,459	486,640	4,662,320	7,067,976	8,881,778	0.06039225	0.04816924	0.05479083

Lampiran 4. Struktur Aktiva

Struktur Aktiva : Aktiva Tetap

Total Aktiva

No	Kode	Aktiva Tetap 2016	Aktiva Tetap 2017	Aktiva Tetap 2018	Total Aktiva 2016	Total Aktiva 2017	Total Aktiva 2018	Struktur Aktiva 2016	Struktur Aktiva 2017	Struktur Aktiva 2018
1	AGII	4,217,336	4,671,372	4,835,210	5,847,722	6,403,543	6,647,755	0.72119297	0.72949803	0.72734480
2	AKPI	1,622,384,162	1,588,222,494	1,675,087,492	2,615,909,190	2,745,325,833	3,070,410,492	0.62019896	0.57851876	0.54555816
3	ALKA	24,056,278	22,603,493	20,228,835	136,618,855	305,208,703	648,968,295	0.17608315	0.07405914	0.03117076
4	AMFG	3,520,207	4,068,690	5,940,400	5,504,890	6,267,816	8,432,632	0.63946909	0.64913999	0.70445384
5	AMIN	54,423,409,470	51,523,257,999	99,664,970,627	198,974,581,573	252,452,307,121	360,906,218,575	0.27351941	0.20409106	0.27615199
6	ARNA	858,698,468,313	833,704,877,050	795,547,807,911	1,543,216,299,146	1,601,346,561,573	1,652,905,985,730	0.55643429	0.52062739	0.48130251
7	AUTO	3,599,815	3,526,867	3,498,912	14,612,274	14,762,309	15,889,648	0.24635556	0.23891025	0.22020072
8	BUDI	1,771,780	1,863,833	1,871,467	2,931,807	2,939,456	3,392,980	0.60433037	0.63407413	0.55157030
9	CPIN	11,233,847	11,009,361	11,685,261	24,204,994	24,532,331	27,645,118	0.46411278	0.44876946	0.42268805
10	DLTA	96,275	89,979	90,191	1,197,797	1,340,843	1,523,517	0.08037672	0.06710629	0.05919921
11	DVLA	404,599,316	395,989,095	394,751,573	1,531,365,558	1,640,886,147	1,682,821,739	0.26420819	0.24132637	0.23457718
12	EKAD	354,771,515,162	364,850,961,596	371,559,780,027	702,508,630,708	796,767,646,172	853,267,454,400	0.50500663	0.45791388	0.43545524
13	FASW	6,271,722,916,197	6,434,772,710,208	7,263,839,935,749	8,583,223,835,997	9,369,891,776,775	10,965,118,708,784	0.73069549	0.68674995	0.66244973
14	ICBP	7,114,288	8,120,254	10,741,622	28,901,948	31,619,514	34,367,153	0.24615254	0.25681147	0.31255490
15	INCI	128,538,899,975	135,918,981,861	174,915,334,612	269,351,381,344	303,788,390,330	391,362,697,956	0.47721641	0.44741335	0.44693921
16	INDF	35,126,820	39,492,287	42,388,236	82,174,515	88,400,877	96,537,796	0.42746611	0.44674090	0.43908436
17	JECC	408,722,055	567,615,030	588,760,580	1,587,210,576	1,927,985,352	2,081,620,993	0.25750966	0.29440837	0.28283755

18	JPFA	5,760,620	6,511,332	7,935,353	18,252,742	19,959,548	23,038,028	0.31560299	0.32622643	0.34444584
19	KAEF	1,006,745,257,089	1,765,912,735,102	2,693,681,582,098	4,612,562,541,064	6,096,148,972,534	9,460,427,317,681	0.21826159	0.28967677	0.28473149
20	KBLI	560,534,774,701	1,043,801,546,776	953,319,581,106	1,871,422,416,044	3,013,760,616,985	3,244,821,647,076	0.29952338	0.34634521	0.29379722
21	KBLM	244,138,597,496	682,650,826,458	694,005,261,792	639,091,366,917	1,235,198,847,468	1,298,358,478,375	0.38200891	0.55266472	0.53452515
22	KDSI	387,738,747,365	440,422,767,236	524,053,587,271	1,142,273,020,550	1,328,291,727,616	1,391,416,464,512	0.33944490	0.33157081	0.37663317
23	KLBF	4,555,756,101,580	5,342,659,713,054	6,252,801,150,475	15,226,009,210,657	16,616,239,416,335	18,146,206,145,369	0.29920881	0.32153242	0.34457898
24	MAIN	1,956,951,734	2,038,990,401	2,092,575,482	3,769,007,416	4,008,635,719	4,335,844,455	0.51922204	0.50864946	0.48262236
25	MLBI	1,278,015	1,364,086	1,524,061	2,275,038	2,510,078	2,889,501	0.56175545	0.54344367	0.52744782
26	PICO	129,057,769,907	124,263,162,860	142,861,408,050	638,566,761,462	723,062,823,329	852,932,442,585	0.20210537	0.17185666	0.16749440
27	SCCO	325,517,672,904	1,687,349,407,527	1,683,305,229,385	2,449,935,491,586	4,014,244,589,706	4,165,196,478,857	0.13286785	0.42034046	0.40413585
28	SIDO	1,051,227	1,215,176	1,553,362	2,987,614	3,158,198	3,337,628	0.35186172	0.38476878	0.46540897
29	SKBM	436,018,707,335	485,558,490,029	582,660,258,194	1,001,657,012,004	1,623,027,475,045	1,771,365,972,009	0.43529741	0.29916837	0.32893274
30	SKLT	300	312	323	568	636	747	0.52816901	0.49056604	0.43239625
31	SMBR	3,480,075,405	3,844,488,329	4,012,558,978	4,368,876,996	5,060,337,247	5,538,079,503	0.79656063	0.75972967	0.72453979
32	SMSM	658,258	683,803	749,122	2,254,740	2,443,341	2,801,203	0.29194408	0.27986392	0.26742867
33	SPMA	1,430,164,650,247	1,393,421,919,181	1,367,186,114,023	2,158,852,415,950	2,175,660,855,114	2,282,845,632,924	0.66246522	0.64045916	0.59889556
34	TALF	546,284,875,130	557,421,928,580	570,873,765,937	881,673,021,959	921,240,988,517	984,597,771,989	0.61960031	0.60507721	0.57980404
35	TSPC	1,806,744,212,273	1,984,179,208,981	2,271,379,683,420	6,585,807,349,438	7,434,900,309,021	7,869,975,060,326	0.27433906	0.26687368	0.28861333
36	ULTJ	1,042,072	1,336,398	1,453,135	4,239,200	5,175,896	5,555,871	0.24581808	0.25819646	0.26154945
37	VOKS	294,724	305,672	432,718	1,668,210	2,110,167	2,485,383	0.17667080	0.14485678	0.17410516
38	WSBP	1,932,852,161,580	3,148,700,789,918	4,726,297,844,350	13,734,267,485,212	14,919,548,673,755	15,222,388,589,814	0.14073209	0.21104531	0.31048333
39	WTON	2,219,224	2,679,459	2,947,961	4,662,320	7,067,976	8,881,778	0.47599135	0.37909849	0.33191113

Lampiran 5. Ukuran Perusahaan

Ukuran Perusahaan : Ln(Total Aset)

No	Kode	Total Aset 2016	Total Aset 2017	Total Aset 2018	Ukuran Perusahaan 2016	Ukuran Perusahaan 2017	Ukuran Perusahaan 2018
1	AGII	5,847,722	6,403,543	6,647,755	15.58156274	15.67236199	15.70978976
2	AKPI	2,615,909,190	2,745,325,833	3,070,410,492	21.68487756	21.73316561	21.84507710
3	ALKA	136,618,855	305,208,703	648,968,295	18.73270553	19.53650637	20.29089442
4	AMFG	5,504,890	6,267,816	8,432,632	15.52114735	15.65093853	15.94761950
5	AMIN	198,974,581,573	252,452,307,121	360,906,218,575	26.01644292	26.25448819	26.61188398
6	ARNA	1,543,216,299,146	1,601,346,561,573	1,652,905,985,730	28.06488986	28.10186599	28.13355606
7	AUTO	14,612,274	14,762,309	15,889,648	16.49737242	16.50758780	16.58117839
8	BUDI	2,931,807	2,939,456	3,392,980	14.89112951	14.89373509	15.03721915
9	CPIN	24,204,994	24,532,331	27,645,118	17.00206953	17.01550244	17.13495971
10	DLTA	1,197,797	1,340,843	1,523,517	13.99599459	14.10880908	14.23653204
11	DVLA	1,531,365,558	1,640,886,147	1,682,821,739	21.14942570	21.21850227	21.24373783
12	EKAD	702,508,630,708	796,767,646,172	853,267,454,400	27.27792352	27.40382894	27.47233888
13	FASW	8,583,223,835,997	9,369,891,776,775	10,965,118,708,784	29.78083070	29.86852266	30.02574032
14	ICBP	28,901,948	31,619,514	34,367,153	17.17941956	17.26928502	17.35261181
15	INCI	269,351,381,344	303,788,390,330	391,362,697,956	26.31928261	26.43959721	26.69290058
16	INDF	82,174,515	88,400,877	96,537,796	18.22435578	18.29739245	18.38544516
17	JECC	1,587,210,576	1,927,985,352	2,081,620,993	21.18524396	21.37974144	21.45641275
18	JPFA	18,252,742	19,959,548	23,038,028	16.71982587	16.80921818	16.95265680

19	KAEF	4,612,562,541,064	6,096,148,972,534	9,460,427,317,681	29.15980468	29.43867837	29.87813867
20	KBLI	1,871,422,416,044	3,013,760,616,985	3,244,821,647,076	28.25771991	28.73420979	28.80808150
21	KBLM	639,091,366,917	1,235,198,847,468	1,298,358,478,375	27.18331327	27.84225308	27.89212187
22	KDSI	1,142,273,020,550	1,328,291,727,616	1,391,416,464,512	27.76404127	27.91491482	27.96134338
23	KLBF	15,226,009,210,657	16,616,239,416,335	18,146,206,145,369	30.35402621	30.44140161	30.52948263
24	MAIN	3,769,007,416	4,008,635,719	4,335,844,455	22.05007752	22.11171680	22.19018223
25	MLBI	2,275,038	2,510,078	2,889,501	14.63750731	14.73582439	14.87659438
26	PICO	638,566,761,462	723,062,823,329	852,932,442,585	27.18249207	27.30676195	27.47194618
27	SCCO	2,449,935,491,586	4,014,244,589,706	4,165,196,478,857	28.52708281	29.02087030	29.05778456
28	SIDO	2,987,614	3,158,198	3,337,628	14.90998563	14.96551217	15.02077093
29	SKBM	1,001,657,012,004	1,623,027,475,045	1,771,365,972,009	27.63267676	28.11531433	28.20277210
30	SKLT	568	636	747	6.34212142	6.45519856	6.61606519
31	SMBR	4,368,876,996	5,060,337,247	5,538,079,503	22.19777183	22.34469897	22.43491362
32	SMSM	2,254,740	2,443,341	2,801,203	14.62854522	14.70887692	14.84555953
33	SPMA	2,158,852,415,950	2,175,660,855,114	2,282,845,632,924	28.40059791	28.40835358	28.45644387
34	TALF	881,673,021,959	921,240,988,517	984,597,771,989	27.50508710	27.54898750	27.61549904
35	TSPC	6,585,807,349,438	7,434,900,309,021	7,869,975,060,326	29.51593805	29.63720629	29.69407601
36	ULTJ	4,239,200	5,175,896	5,555,871	15.25988513	15.45952302	15.53036576
37	VOKS	1,668,210	2,110,167	2,485,383	14.32726175	14.56227765	14.72593733
38	WSBP	13,734,267,485,212	14,919,548,673,755	15,222,388,589,814	30.25091510	30.33369346	30.35378839
39	WTON	4,662,320	7,067,976	8,881,778	15.35502374	15.77108472	15.99951232

Lampiran 6. Pertumbuhan Penjualan

Pertumbuhan Penjualan : Sales tahun ke t - (Sales tahun ke t-1)

Sales tahun ke t-1

No	Kode	Sales tahun 2015	Sales tahun 2016	Sales tahun 2017	Sales tahun 2018	Pertumbuhan Penjualan 2016	Pertumbuhan Penjualan 2017	Pertumbuhan Penjualan 2018
1	AGII	1,426,441	1,651,136	1,838,417	2,073,258	0.15752141	0.11342554	0.12774088
2	AKPI	2,017,466,511	2,047,218,639	2,064,857,643	2,387,420,036	0.01474727	0.00861608	0.15621532
3	ALKA	749,146,492	1,151,605,756	1,932,783,905	3,592,798,235	0.53722372	0.67833818	0.85887218
4	AMFG	3,665,989	3,724,075	3,885,791	4,443,262	0.01584456	0.04342447	0.14346397
5	AMIN	90,776	150,329	213,761	246,403	0.65604345	0.42195451	0.15270325
6	ARNA	1,291,926,384,471	1,511,978,367,218	1,732,985,361,870	1,971,478,070,171	0.17032858	0.14617074	0.13761957
7	AUTO	11,723,787	12,806,867	13,549,857	15,356,381	0.09238312	0.05801497	0.13332421
8	BUDI	2,378,805	2,467,553	2,510,578	2,647,193	0.03730781	0.01743630	0.05441576
9	CPIN	29,920,628	38,256,857	49,367,386	53,957,604	0.27861143	0.29041928	0.09298078
10	DLTA	699,507	774,968	777,308	893,006	0.10787741	0.00301948	0.14884447
11	DVLA	1,306,098,136	1,451,356,680	1,575,647,308	1,699,657,296	0.11121564	0.08563755	0.07870415
12	EKAD	531,537,606,573	568,638,832,579	643,591,823,505	739,578,860,399	0.06979981	0.13181124	0.14914272
13	FASW	4,959,998,929,211	5,874,745,032,615	7,337,185,138,762	9,938,310,691,326	0.18442466	0.24893678	0.35451273
14	ICBP	31,741,094	34,466,069	35,606,593	38,413,407	0.08585007	0.03309121	0.07882849
15	INCI	136,668,408,270	176,067,561,639	269,706,737,385	367,961,600,950	0.28828281	0.53183661	0.36430259
16	INDF	64,061,947	66,750,317	70,186,618	73,394,728	0.04196516	0.05147992	0.04570829

17	JECC	1,663,335,876	2,037,784,842	2,184,518,893	3,207,579,964	0.22511927	0.07200665	0.46832329
18	JPFA	25,022,913	27,063,310	29,602,688	34,012,965	0.08154115	0.09383102	0.14898232
19	KAEF	4,860,371,483,524	5,811,502,656,431	6,127,479,369,403	7,454,114,741,189	0.19569104	0.05437091	0.21650589
20	KBLI	2,662,038,531,021	2,812,196,217,447	3,186,704,707,526	4,239,937,390,001	0.05640703	0.13317296	0.33050840
21	KBLM	967,710,389,797	987,409,109,474	1,215,476,677,995	1,243,465,775,218	0.02035601	0.25932176	0.02302726
22	KDSI	1,713,946,192,967	1,995,337,146,834	2,245,519,457,754	2,327,951,625,610	0.16417724	0.12538348	0.03670962
23	KLBF	17,887,464,223,321	19,374,230,957,505	20,182,120,166,616	21,074,306,186,027	0.08311780	0.04169916	0.04420675
24	MAIN	4,775,014,772	5,246,340,041	5,441,395,835	6,705,892,735	0.09870656	0.03717940	0.23238466
25	MLBI	2,696,318	3,263,311	3,389,736	3,649,615	0.21028417	0.03874133	0.07666644
26	PICO	699,310,599,565	705,730,705,044	747,064,722,530	776,045,443,574	0.00918062	0.05856911	0.03879278
27	SCCO	3,533,081,041,052	3,742,637,722,322	4,440,404,595,541	5,160,182,004,111	0.05931273	0.18643719	0.16209726
28	SIDO	2,218,536	2,561,806.00	2,573,840	2,763,292	0.15472816	0.00469747	0.07360675
29	SKBM	1,362,245,580,664	1,501,115,928,446	1,841,487,199,828	1,953,910,957,160	0.10194223	0.22674549	0.06105052
30	SKLT	745	834	914	1,045	0.11946309	0.09592326	0.14332604
31	SMBR	1,461,248,284	1,522,808,093	1,551,524,990	1,995,807,528	0.04212823	0.01885786	0.28635216
32	SMSM	2,802,924	2,879,876	3,339,964	3,933,353	0.02745419	0.15975966	0.17766329
33	SPMA	1,621,516,334,166	1,932,435,078,255	2,093,137,904,266	2,389,268,903,462	0.19174568	0.08316079	0.14147706
34	TALF	476,383,633,793	569,419,992,907	646,087,885,410	741,055,147,778	0.19529714	0.13464208	0.14698815
35	TSPC	8,181,481,867,179	9,138,238,993,842	9,565,462,045,199	10,088,118,830,780	0.11694179	0.04675114	0.05463999
36	ULTJ	4,393,933	4,685,988	4,879,559	5,472,882	0.06646779	0.04130847	0.12159357
37	VOKS	1,597,736	2,022,350	2,258,317	2,684,419	0.26575980	0.11667961	0.18868122
38	WSBP	2,644,319,999,853	4,717,150,071,779	7,104,157,901,230	8,000,149,423,527	0.78388019	0.50602754	0.12612213
39	WTON	2,652,622	3,481,732	5,362,263	6,930,628	0.31256244	0.54011366	0.29248192

Lampiran 7. Likuiditas

Likuiditas : Aset Lancar

Hutang Lancar

No	Kode	Aset Lancar 2016	Aset Lancar 2017	Aset Lancar 2018	Hutang Lancar 2016	Hutang Lancar 2017	Hutang Lancar 2018	Likuiditas 2016	Likuiditas 2017	Likuiditas 2018
1	AGII	1,479,828	1,526,964	1,585,943	1,312,711	1,014,745	1,297,840	1.12730677	1.50477608	1.22198653
2	AKPI	870,146,141	1,003,030,428	1,233,718,090	770,887,902	961,284,302	1,215,369,846	1.12875833	1.04342745	1.01509684
3	ALKA	58,323,930	277,157,394	622,859,287	63,472,099	213,515,571	536,128,557	0.91889083	1.29806643	1.16177226
4	AMFG	1,787,723	2,003,321	2,208,918	885,086	996,903	1,738,904	2.01982971	2.00954456	1.27029324
5	AMIN	141,677,370,188	198,101,001,850	257,665,373,808	61,252,922,266	89,715,515,949	144,509,470,711	2.31298957	2.20810191	1.78303451
6	ARNA	642,892,045,913	740,190,524,246	827,587,984,112	476,631,150,852	455,152,838,360	476,647,908,156	1.34882507	1.62624609	1.73626690
7	AUTO	3,258,146	5,228,541	6,013,683	4,903,902	3,041,502	4,066,699	0.66439868	1.71906545	1.47876275
8	BUDI	1,092,360	1,027,489	1,472,140	1,090,816	1,019,986	1,467,508	1.00141545	1.00735598	1.00315637
9	CPIN	11,823,266	11,730,468	14,097,959	5,550,257	5,059,551	4,732,868	2.13021956	2.31848004	2.97873488
10	DLTA	1,048,134	1,206,576	1,384,228	137,842	139,685	192,300	7.60387980	8.63783513	7.19827353
11	DVLA	1,068,967,094	1,175,655,601	1,203,372,372	374,427,510	441,622,865	416,537,366	2.85493738	2.66212575	2.88899021
12	EKAD	337,644,083,636	413,617,087,456	461,472,621,715	69,110,450,442	91,524,721,725	91,381,683,504	4.88557203	4.51918432	5.04994660
13	FASW	2,167,035,553,599	2,784,006,841,253	3,530,218,883,678	2,015,616,872,848	3,753,070,066,277	3,010,538,868,185	1.07512275	0.74179453	1.17262026
14	ICBP	15,571,362	16,579,331	14,121,568	6,469,785	6,827,588	7,235,398	2.40678199	2.42828522	1.95173341
15	INCI	118,743,367,562	145,540,638,781	191,492,982,970	20,420,038,273	28,527,518,002	63,071,077,029	5.81504138	5.10176310	3.03614576
16	INDF	29,469,623	32,948,131	33,272,618	19,219,441	21,637,763	31,204,102	1.53332363	1.52271429	1.06628987
17	JECC	1,131,735,197	1,294,457,697	1,415,578,044	992,544,784	1,220,226,620	1,288,252,935	1.14023590	1.06083384	1.09883549

18	JPFA	10,755,503	11,189,325	12,415,809	5,193,549	4,769,640	6,904,477	2.07093512	2.34594749	1.79822585
19	KAEF	2,906,737,458,288	3,662,090,215,984	5,369,546,726,061	1,696,208,867,581	2,369,507,448,769	3,774,304,481,466	1.71366717	1.54550694	1.42265860
20	KBLI	1,223,453,184,817	1,843,100,256,808	2,173,538,859,435	358,715,994,083	933,490,170,009	882,122,694,126	3.41064576	1.97441850	2.46398701
21	KBLM	394,738,153,988	548,840,102,130	604,353,216,583	303,264,273,023	434,423,462,965	463,589,374,916	1.30163092	1.26337583	1.30363906
22	KDSI	709,583,883,699	841,180,577,983	824,176,454,137	575,996,641,235	709,035,285,117	704,831,802,004	1.23192365	1.18637337	1.16932359
23	KLBF	9,572,529,767,897	10,042,738,649,964	10,648,288,386,726	2,317,161,787,100	2,227,336,011,715	2,286,167,471,594	4.13114433	4.50885659	4.65770269
24	MAIN	1,598,255,029	1,615,811,987	1,882,512,184	1,385,790,005	1,865,529,073	1,150,319,584	1.15331690	0.86614141	1.63651233
25	MLBI	901,258	1,076,845	1,228,961	1,454,398	1,304,114	1,578,919	0.61967769	0.82572919	0.77835595
26	PICO	396,400,172,713	487,491,234,444	508,708,851,191	296,005,351,843	323,802,228,719	411,184,672,224	1.33916556	1.50552155	1.23717854
27	SCCO	2,019,188,845,621	2,171,012,758,933	2,310,899,967,253	1,229,514,818,362	1,246,236,997,513	1,211,478,289,822	1.64226475	1.74205449	1.90750423
28	SIDO	1,794,125	1,628,901	1,547,666	215,686	208,507	368,380	8.31822650	7.81221254	4.20127586
29	SKBM	519,269,756,899	836,639,597,232	851,410,216,636	468,979,800,633	511,596,750,506	615,506,825,729	1.10723267	1.63534971	1.38326690
30	SKLT	223	267	357	169	212	291	1.31952663	1.25943396	1.22680412
31	SMBR	838,232,034	1,123,602,449	1,358,329,865	292,237,689	668,827,967	636,408,215	2.86832283	1.67995733	2.13436884
32	SMSM	1,454,387	1,570,110	1,853,782	508,482	419,913	470,116	2.86025267	3.73913168	3.94324380
33	SPMA	699,313,460,414	750,237,084,349	887,986,684,146	283,923,795,368	733,771,730,418	236,077,148,880	2.46303224	1.02243934	3.76142582
34	TALF	325,494,162,443	351,255,636,607	405,988,723,901	111,360,300,869	127,673,269,661	151,341,881,953	2.92289227	2.75120734	2.68259334
35	TSPC	4,385,083,916,291	5,049,363,864,387	5,130,662,268,849	1,653,413,220,121	2,002,621,403,597	2,039,075,034,339	2.65214035	2.52137716	2.51617139
36	ULTJ	2,874,822	3,439,990	2,793,521	593,528	820,625	635,161	4.84361648	4.19191470	4.39813055
37	VOKS	1,291,317	1,667,656	1,905,388	968,323	1,260,868	1,497,402	1.33356019	1.32262537	1.27246257
38	WSBP	8,132,620,689,686	11,574,944,658,940	10,236,132,156,003	4,766,317,324,109	7,593,431,366,806	7,327,262,600,178	1.70626925	1.52433651	1.39699267
39	WTON	2,439,937	4,351,377	5,870,714	1,863,794	4,216,314	5,248,086	1.30912376	1.03203343	1.11863906

Lampiran 8. Tabulasi Data

NO	KODE	NAMA PERUSAHAAN	Tahun	Profitabilitas	Struktur Aktiva	Ukuran Perusahaan	Pertumbuhan Penjualan	Likuiditas	Struktur Modal
1	AGII	Aneka Gas Industri Tbk	2016	0.01099351	0.72119297	15.58156274	0.15752141	1.12730677	1.08551347
2	AKPI	Argha Karya Prima Industry Tbk	2016	0.02002893	0.62019896	21.68487756	0.01474727	1.12875833	1.33555987
3	ALKA	Alumindo Light Metal Industry Tbk	2016	0.00377815	0.17608315	18.73270553	0.53722372	0.91889083	1.23582566
4	AMFG	Asahimas Flat Glass Tbk	2016	0.04731139	0.63946909	15.52114735	0.01584456	2.01982971	0.52944880
5	AMIN	Ateliers Mecaniques D'Indonesie Tbk	2016	0.09432575	0.27351941	26.01644292	0.65604345	2.31298957	0.55982171
6	ARNA	Arwana Citra Mulia Tbk	2016	0.05921134	0.55643429	28.06488986	0.17032858	1.34882507	0.62771385
7	AUTO	Astra Otoparts Tbk	2016	0.03308321	0.24635556	16.49737242	0.09238312	0.66439868	0.38681664
8	BUDI	Budi Acid Jaya Tbk	2016	0.01317413	0.60433037	14.89112951	0.03730781	1.00141545	1.51661142
9	CPIN	Charoen Pokphand Indonesia Tbk	2016	0.09193979	0.46411278	17.00206953	0.27861143	2.13021956	0.70961304
10	DLTA	Delta Djakarta Tbk	2016	0.21248091	0.08037672	13.99599459	0.10787741	7.60387980	0.18315662
11	DVLA	Darya Varia Laboratoria Tbk	2016	0.09931228	0.26420819	21.14942570	0.11121564	2.85493738	0.41848321
12	EKAD	Ekadharna International Tbk	2016	0.12908855	0.50500663	27.27792352	0.06979981	4.88557203	0.18666035
13	FASW	Fajar Surya Wisesa Tbk	2016	0.09064342	0.73069549	29.78083070	0.18442466	1.07512275	1.71754953
14	ICBP	Indofood CBP Sukses Makmur Tbk	2016	0.12564208	0.24615254	17.17941956	0.08585007	2.40678199	0.56219796
15	INCI	Intan Wijaya International Tbk	2016	0.03708478	0.47721641	26.31928261	0.28828281	5.81504138	0.10923405
16	INDF	Indofood Sukses Makmur Tbk	2016	0.06409415	0.42746611	18.22435578	0.04196516	1.53332363	0.87009226
17	JECC	Jembo Cable Company Tbk	2016	0.08343138	0.25750966	21.18524396	0.22511927	1.14023590	2.37461447
18	JPFA	Japfa Comfeed Indonesia Tbk	2016	0.11897434	0.31560299	16.71982587	0.08154115	2.07093512	1.18228331
19	KAEF	Kimia Farma Tbk	2016	0.05888223	0.21826159	29.15980468	0.19569104	1.71366717	1.03070683

20	KBLI	KMI Wire & Cable Tbk	2016	0.17865493	0.29952338	28.25771991	0.05640703	3.41064576	0.41630023
21	KBLM	Kabelindo Murni Tbk	2016	0.03324254	0.38200891	27.18331327	0.02035601	1.30163092	0.99307921
22	KDSI	Kedawung Setia Industrial Tbk	2016	0.04125752	0.33944490	27.76404127	0.16417724	1.23192365	1.72109523
23	KLBF	Kalbe Farma Tbk	2016	0.15439928	0.29920881	30.35402621	0.08311780	4.13114433	0.22161392
24	MAIN	Malindo Feedmill Tbk	2016	0.07700449	0.51922204	22.05007752	0.09870656	1.15331690	1.23438844
25	MLBI	Multi Bintang Indonesia Tbk	2016	0.43169784	0.56175545	14.63750731	0.21028417	0.61967769	1.77227286
26	PICO	Pelangi Indah Canindo Tbk	2016	0.02153800	0.20210537	27.18249207	0.00918062	1.33916556	1.40204590
27	SCCO	Supreme Cable Manufacturing Corporation Tbk	2016	0.13902147	0.13286785	28.52708281	0.05931273	1.64226475	1.00745165
28	SIDO	Industri Jamu dan Farmasi Sido Tbk	2016	0.16083905	0.35186172	14.90998563	0.15472816	8.31822650	0.08329898
29	SKBM	Sekar Bumi Tbk	2016	0.02250816	0.43529741	27.63267676	0.10194223	1.10723267	1.71901776
30	SKLT	Sekar Laut Tbk	2016	0.03697183	0.52816901	6.34212142	0.11946309	1.31952663	0.91891892
31	SMBR	Semen Baturaja (Persero) Tbk	2016	0.05930369	0.79656063	22.19777183	0.04212823	2.86832283	0.39994111
32	SMSM	Selamat Sempurna Tbk	2016	0.22272723	0.29194408	14.62854522	0.02745419	2.86025267	0.42700096
33	SPMA	Suparma Tbk	2016	0.03754932	0.66246522	28.40059791	0.19174568	2.46303224	0.97048625
34	TALF	Tunas Alfin Tbk	2016	0.03418241	0.61960031	27.50508710	0.19529714	2.92289227	0.17260050
35	TSPC	Tempo Scan Pacific Tbk	2016	0.08282865	0.27433906	29.51593805	0.11694179	2.65214035	0.42080243
36	ULTJ	Ultra Jaya Milk Industry and Trading Company Tbk	2016	1.01171454	0.24581808	15.25988513	0.06646779	4.84361648	0.21493749
37	VOKS	Voksel Electric Tbk	2016	0.09593876	0.17667080	14.32726175	0.26575980	1.33356019	1.49342568
38	WSBP	Waskita Beton Precast Tbk	2016	0.04622158	0.14073209	30.25091510	0.78388019	1.70626925	0.85460341
39	WTON	Wijaya Karya Beton Tbk	2016	0.06039225	0.47599135	15.35502374	0.31256244	1.30912376	0.87179500
40	AGII	Aneka Gas Industri Tbk	2017	0.01524125	0.72949803	15.67236199	0.11342554	1.50477608	0.88493036
41	AKPI	Argha Karya Prima Industry Tbk	2017	0.00485697	0.57851876	21.73316561	0.00861608	1.04342745	1.43679691
42	ALKA	Alumindo Light Metal Industry Tbk	2017	0.05047777	0.07405914	19.53650637	0.67833818	1.29806643	2.88846086
43	AMFG	Asahimas Flat Glass Tbk	2017	0.00615350	0.64913999	15.65093853	0.04342447	2.00954456	0.76614067

44	AMIN	Ateliers Mecaniques D'Indonesie Tbk	2017	0.12775428	0.20409106	26.25448819	0.42195451	2.20810191	0.66782507
45	ARNA	Arwana Citra Mulia Tbk	2017	0.07630073	0.52062739	28.10186599	0.14617074	1.62624609	0.55561189
46	AUTO	Astra Otoparts Tbk	2017	0.03710673	0.23891025	16.50758780	0.05801497	1.71906545	0.37207963
47	BUDI	Budi Acid Jaya Tbk	2017	0.01554403	0.63407413	14.89373509	0.01743630	1.00735598	1.46041349
48	CPIN	Charoen Pokphand Indonesia Tbk	2017	0.10190124	0.44876946	17.01550244	0.29041928	2.31848004	0.56156140
49	DLTA	Delta Djakarta Tbk	2017	0.20865456	0.06710629	14.10880908	0.00301948	8.63783513	0.17140423
50	DVLA	Darya Varia Laboratoria Tbk	2017	0.09887907	0.24132637	21.21850227	0.08563755	2.66212575	0.46993285
51	EKAD	Ekadharma International Tbk	2017	0.09563097	0.45791388	27.40382894	0.13181124	4.51918432	0.20209164
52	FASW	Fajar Surya Wisesa Tbk	2017	0.06359393	0.68674995	29.86852266	0.24893678	0.74179453	1.84944856
53	ICBP	Indofood CBP Sukses Makmur Tbk	2017	0.11205653	0.25681147	17.26928502	0.03309121	2.42828522	0.55574693
54	INCI	Intan Wijaya International Tbk	2017	0.05449277	0.44741335	26.43959721	0.53183661	5.10176310	0.13193453
55	INDF	Indofood Sukses Makmur Tbk	2017	0.05766079	0.44674090	18.29739245	0.05147992	1.52271429	0.88078806
56	JECC	Jembo Cable Company Tbk	2017	0.04323444	0.29440837	21.37974144	0.07200665	1.06083384	2.52232558
57	JPFA	Japfa Comfeed Indonesia Tbk	2017	0.05226090	0.32622643	16.80921818	0.09383102	2.34594749	1.30425489
58	KAEF	Kimia Farma Tbk	2017	0.05441270	0.28967677	29.43867837	0.05437091	1.54550694	1.36971809
59	KBLI	KMI Wire & Cable Tbk	2017	0.11911167	0.34634521	28.73420979	0.13317296	1.97441850	0.68673106
60	KBLM	Kabelindo Murni Tbk	2017	0.03561771	0.55266472	27.84225308	0.25932176	1.26337583	0.56072055
61	KDSI	Kedawang Setia Industrial Tbk	2017	0.05192023	0.33157081	27.91491482	0.12538348	1.18637337	1.73570271
62	KLBF	Kalbe Farma Tbk	2017	0.14764179	0.32153242	30.44140161	0.04169916	4.50885659	0.19592640
63	MAIN	Malindo Feedmill Tbk	2017	0.01071287	0.50864946	22.11171680	0.03717940	0.86614141	1.44795762
64	MLBI	Multi Bintang Indonesia Tbk	2017	0.52670355	0.54344367	14.73582439	0.03874133	0.82572919	1.35709101
65	PICO	Pelangi Indah Canindo Tbk	2017	0.02792222	0.17185666	27.30676195	0.05856911	1.50552155	1.55455103
66	SCCO	Supreme Cable Manufacturing Corporation Tbk	2017	0.06719329	0.42034046	29.02087030	0.18643719	1.74205449	0.47137459
67	SIDO	Industri Jamu dan Farmasi Sido Tbk	2017	0.16902012	0.38476878	14.96551217	0.00469747	7.81221254	0.09058882

68	SKBM	Sekar Bumi Tbk	2017	0.01594580	0.29916837	28.11531433	0.22674549	1.63534971	0.58616894
69	SKLT	Sekar Laut Tbk	2017	0.03616352	0.49056604	6.45519856	0.09592326	1.25943396	1.06818182
70	SMBR	Semen Baturaja (Persero) Tbk	2017	0.02897997	0.75972967	22.34469897	0.01885786	1.67995733	0.48272635
71	SMSM	Selamat Sempurna Tbk	2017	0.22730679	0.27986392	14.70887692	0.15975966	3.73913168	0.33648528
72	SPMA	Suparma Tbk	2017	0.04241475	0.64045916	28.40835358	0.08316079	1.02243934	0.83614331
73	TALF	Tunas Alfin Tbk	2017	0.02330100	0.60507721	27.54898750	0.13464208	2.75120734	0.20240574
74	TSPC	Tempo Scan Pacific Tbk	2017	0.07496262	0.26687368	29.63720629	0.04675114	2.52137716	0.46298465
75	ULTJ	Ultra Jaya Milk Industry and Trading Company Tbk	2017	0.13879761	0.25819646	15.45952302	0.04130847	4.19191470	0.23302819
76	VOKS	Voksel Electric Tbk	2017	0.07876391	0.14485678	14.56227765	0.11667961	1.32262537	1.59195305
77	WSBP	Waskita Beton Precast Tbk	2017	0.06704828	0.21104531	30.33369346	0.50602754	1.52433651	1.03912122
78	WTON	Wijaya Karya Beton Tbk	2017	0.04816924	0.37909849	15.77108472	0.54011366	1.03203343	1.57210423
79	AGII	Aneka Gas Industri Tbk	2018	0.01720491	0.72734480	15.70978976	0.12774088	1.22198653	1.11187874
80	AKPI	Argha Karya Prima Industry Tbk	2018	0.02091781	0.54555816	21.84507710	0.15621532	1.01509684	1.48851232
81	ALKA	Alumindo Light Metal Industry Tbk	2018	0.03535380	0.03117076	20.29089442	0.85887218	1.16177226	5.44255674
82	AMFG	Asahimas Flat Glass Tbk	2018	0.00078220	0.70445384	15.94761950	0.14346397	1.27029324	1.34456911
83	AMIN	Ateliers Mecaniques D'Indonesie Tbk	2018	0.10829094	0.27615199	26.61188398	0.15270325	1.78303451	0.98149397
84	ARNA	Arwana Citra Mulia Tbk	2018	0.09571494	0.48130251	28.13355606	0.13761957	1.73626690	0.50730564
85	AUTO	Astra Otoparts Tbk	2018	0.04284557	0.22020072	16.58117839	0.13332421	1.47876275	0.41070338
86	BUDI	Budi Acid Jaya Tbk	2018	0.01487395	0.55157030	15.03721915	0.05441576	1.00315637	1.76642826
87	CPIN	Charoen Pokphand Indonesia Tbk	2018	0.16463974	0.42268805	17.13495971	0.09298078	2.97873488	0.42565468
88	DLTA	Delta Djakarta Tbk	2018	0.02219404	0.05919921	14.23653204	0.14884447	7.19827353	0.18638819
89	DVLA	Darya Varia Laboratoria Tbk	2018	0.11923543	0.23457718	21.24373783	0.07870415	2.88899021	0.40204550
90	EKAD	Ekadharma International Tbk	2018	0.08677840	0.43545524	27.47233888	0.14914272	5.04994660	0.17759876
91	FASW	Fajar Surya Wisesa Tbk	2018	0.12816713	0.66244973	30.02574032	0.35451273	1.17262026	1.55696275

92	ICBP	Indofood CBP Sukses Makmur Tbk	2018	0.13555912	0.31255490	17.35261181	0.07882849	1.95173341	0.51349478
93	INCI	Intan Wijaya International Tbk	2018	0.04260926	0.44693921	26.69290058	0.36430259	3.03614576	0.22319030
94	INDF	Indofood Sukses Makmur Tbk	2018	0.05139801	0.43908436	18.38544516	0.04570829	1.06628987	0.93397405
95	JECC	Jembo Cable Company Tbk	2018	0.04248078	0.28283755	21.45641275	0.46832329	1.09883549	2.41674384
96	JPFA	Japfa Comfeed Indonesia Tbk	2018	0.09780355	0.34444584	16.95265680	0.14898232	1.79822585	1.25535573
97	KAEF	Kimia Farma Tbk	2018	0.04247089	0.28473149	29.87813867	0.21650589	1.42265860	1.81857316
98	KBLI	KMI Wire & Cable Tbk	2018	0.07262373	0.29379722	28.80808150	0.33050840	2.46398701	0.59766243
99	KBLM	Kabelindo Murni Tbk	2018	0.03132809	0.53452515	27.89212187	0.02302726	1.30363906	0.58052814
100	KDSI	Kedawung Setia Industrial Tbk	2018	0.05516817	0.37663317	27.96134338	0.03670962	1.16932359	1.50628435
101	KLBF	Kalbe Farma Tbk	2018	0.13761896	0.34457898	30.52948263	0.04420675	4.65770269	0.18644569
102	MAIN	Malindo Feedmill Tbk	2018	0.06555744	0.48262236	22.19018223	0.23238466	1.63651233	1.23597036
103	MLBI	Multi Bintang Indonesia Tbk	2018	0.42388184	0.52744782	14.87659438	0.07666644	0.77835595	1.47487101
104	PICO	Pelangi Indah Canindo Tbk	2018	0.01844274	0.16749440	27.47194618	0.03879278	1.23717854	1.84727297
105	SCCO	Supreme Cable Manufacturing Corporation Tbk	2018	0.06098040	0.40413585	29.05778456	0.16209726	1.90750423	0.43097061
106	SIDO	Industri Jamu dan Farmasi Sido Tbk	2018	0.19889844	0.46540897	15.02077093	0.07360675	4.20127586	0.14986974
107	SKBM	Sekar Bumi Tbk	2018	0.00900697	0.32893274	28.20277210	0.06105052	1.38326690	0.70229280
108	SKLT	Sekar Laut Tbk	2018	0.04283802	0.43239625	6.61606519	0.14332604	1.22680412	1.20353982
109	SMBR	Semen Baturaja (Persero) Tbk	2018	0.01373666	0.72453979	22.43491362	0.28635216	2.13436884	0.59430165
110	SMSM	Selamat Sempurna Tbk	2018	0.22617068	0.26742867	14.84555953	0.17766329	3.94324380	0.30271728
111	SPMA	Suparma Tbk	2018	0.03602202	0.59889556	28.45644387	0.14147706	3.76142582	0.80763454
112	TALF	Tunas Alfin Tbk	2018	0.04466467	0.57980404	27.61549904	0.14698815	2.68259334	0.21799031
113	TSPC	Tempo Scan Pacific Tbk	2018	0.06866326	0.28861333	29.69407601	0.05463999	2.51617139	0.44859104
114	ULTJ	Ultra Jaya Milk Industry and Trading Company Tbk	2018	0.12628209	0.26154945	15.53036576	0.12159357	4.39813055	0.16354392
115	VOKS	Voksel Electric Tbk	2018	0.04243571	0.17410516	14.72593733	0.18868122	1.27246257	1.69380325

116	WSBP	Waskita Beton Precast Tbk	2018	0.07249012	0.31048333	30.35378839	0.12612213	1.39699267	0.93120829
117	WTON	Wijaya Karya Beton Tbk	2018	0.05479083	0.33191113	15.99951232	0.29248192	1.11863906	1.83146656

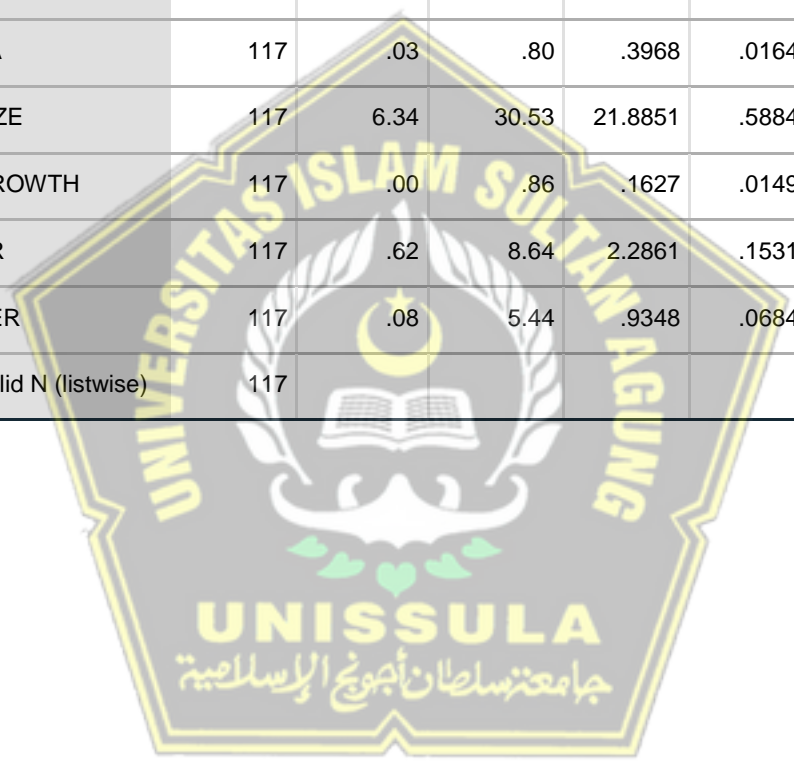


Lampiran 9. Hasil Output SPSS

1. Analisis Statistik Deskriptif

Descriptive Statistics

	N	Minimum	Maximum	Mean		Std. Deviation
	Statistic	Statistic	Statistic	Statistic	Std. Error	Statistic
ROA	117	.00	1.01	.0908	.01096	.11855
SA	117	.03	.80	.3968	.01648	.17829
SIZE	117	6.34	30.53	21.8851	.58849	6.36549
GROWTH	117	.00	.86	.1627	.01493	.16148
CR	117	.62	8.64	2.2861	.15311	1.65610
DER	117	.08	5.44	.9348	.06842	.74004
Valid N (listwise)	117					



2. Uji Asumsi Klasik

A. Uji Normalitas

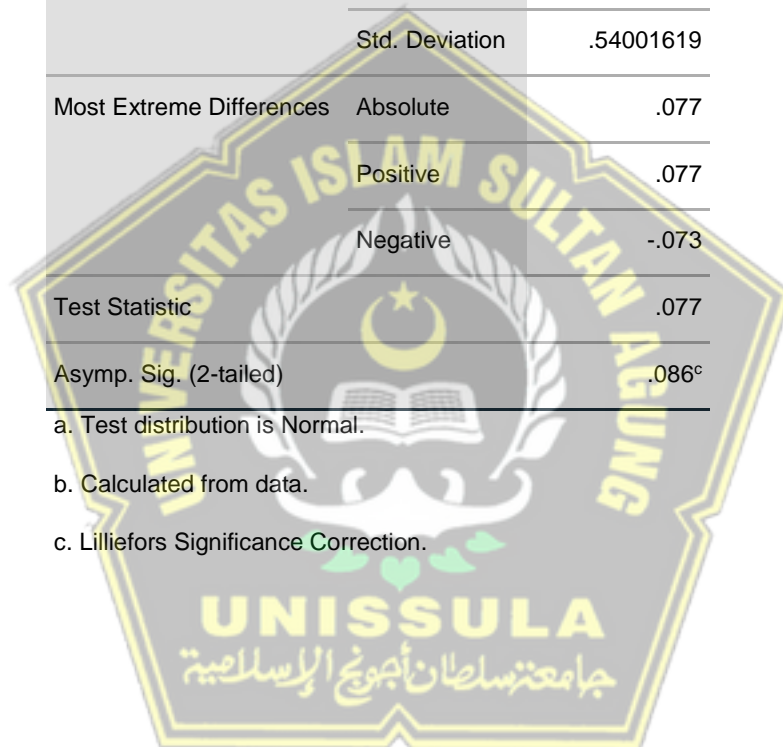
One-Sample Kolmogorov-Smirnov Test

		Unstandardize d Residual
N		117
Normal Parameters ^{a,b}	Mean	.0000000
	Std. Deviation	.54001619
Most Extreme Differences	Absolute	.077
	Positive	.077
	Negative	-.073
Test Statistic		.077
Asymp. Sig. (2-tailed)		.086 ^c

a. Test distribution is Normal.

b. Calculated from data.

c. Lilliefors Significance Correction.



B. Uji Multikolonieritas

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Collinearity Statistics	
		B	Std. Error	Beta			Tolerance	VIF
1	(Constant)	1.999	.267		7.483	.000		
	ROA	-.146	.464	-.023	-.315	.753	.867	1.154
	SA	-.741	.309	-.179	-2.399	.018	.865	1.156
	SIZE	-.016	.008	-.141	-1.980	.050	.945	1.058
	GROWTH	1.248	.336	.272	3.719	.000	.895	1.118
	CR	-.263	.033	-.588	-7.876	.000	.859	1.164

a. Dependent Variable: DER

C. Uji Heterokedastisitas

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.029	.271		-.106	.916
	Ln_X1	-.052	.028	-.189	-1.897	.060
	Ln_X2	-.017	.047	-.033	-.352	.725
	Ln_X3	.082	.078	.097	1.062	.290
	Ln_X4	.038	.025	.137	1.473	.143
	Ln_X5	-.045	.049	-.094	-.925	.357

a. Dependent Variable: Abs_RES2

D. Uji Autokorelasi

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	.684 ^a	.468	.444	.55204	1.938

a. Predictors: (Constant), CR, SIZE, GROWTH, ROA, SA

b. Dependent Variable: DER

3. Analisis Regresi Linier Berganda

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	1.999	.267		7.483	.000
	ROA	-.146	.464	-.023	-.315	.753
	SA	-.741	.309	-.179	-2.399	.018
	SIZE	-.016	.008	-.141	-1.980	.050
	GROWTH	1.248	.336	.272	3.719	.000
	CR	-.263	.033	-.588	-7.876	.000

a. Dependent Variable: DER

4. Pengujian Hipotesis

A. Uji Parsial (Uji t)

Coefficients^a

Model		Unstandardized Coefficients		Standardized	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	1.999	.267		7.483	.000
	ROA	-.146	.464	-.023	-.315	.753
	SA	-.741	.309	-.179	-2.399	.018
	SIZE	-.016	.008	-.141	-1.980	.050
	GROWTH	1.248	.336	.272	3.719	.000
	CR	-.263	.033	-.588	-7.876	.000

a. Dependent Variable: DER

5. Uji Kebaikan Model

A. Uji Simultan (Uji F)

Model		ANOVA ^a			F	Sig.
		Sum of Squares	df	Mean Square		
1	Regression	29.701	5	5.940	19.492	.000 ^b
	Residual	33.828	111	.305		
	Total	63.528	116			

a. Dependent Variable: DER

b. Predictors: (Constant), CR, SIZE, GROWTH, ROA, SA

B. Koefisien Determinasi (Adjusted R)

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.684 ^a	.468	.444	.55204

a. Predictors: (Constant), CR, SIZE, GROWTH, ROA, SA

b. Dependent Variable: DER

