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LAMPIRAN



Lampiran 1. Biodata Penulis

BIODATA

Identitas Diri

Nama : Andi Sukwan Walinga
 Tempat, Tanggal Lahir : Bulukumba, 13 Mei 2002
 Jenis Kelamin : Laki-laki
 Alamat Rumah : Ujungloe, Kab. Bulukumba
 Nomor Telepon : 085345341548
 Alamat E-mail : andisukwanwalinga@gmail.com

Riwayat Pendidikan

Pendidikan Formal

- a. Tahun 2007-2008 : TK. Kartini Ulutedong
- b. Tahun 2008-2014 : SDN 16 Ulutedong
- c. Tahun 2014-2017 : SMPN 7 Bulukumba
- d. Tahun 2017-2020 : SMAN 1 Bulukumba

Pendidikan Non Formal

- a. Tahun 2020 : Pelatihan Basic Learning Skills, Characters, and Creativity (BALANCE) Universitas Hasanuddin.
- b. Tahun 2021 : Pengaderan Awal Tingkat Senat (PATS) Fakultas Ekonomi dan Bisnis Universitas Hasanuddin.
- c. Tahun 2021 : Pengaderan Awal Tingkat Ormaju (PATO) Fakultas Ekonomi dan Bisnis Universitas Hasanuddin.
- d. Tahun 2021 : Bina Kader Mahasiswa Akuntansi (BKMA) Ikatan Mahasiswa Akuntansi Fakultas Ekonomi dan Bisnis Universitas Hasanuddin.



- e. Tahun 2023 : Pelatihan Brevet Pajak A dan B Bina Muda
Inspira.

Pengalaman

Organisasi

- a. Pengurus Ikatan Mahasiswa Akuntansi Fakultas Ekonomi dan Bisnis
Universitas Hasanuddin periode 2021/2022

Non Organisasi

- a. Magang di KPP Makassar Utara (Program Magang Kementerian
Keuangan Periode 4 (2023)).
- b. Kampus mengajar 6 (Program Kampus Merdeka).
- c. Sebagai pendampingan kegiatan Bina Desa Fakultas Ekonomi dan Bisnis
Universitas Hasanuddin.

Demikian biodata ini dibuat dengan sebenarnya.

Makassar, 13 Mei 2024

Andi Sukwan Walinga



Lampiran 2. Data Sampel

DAFTAR PERUSAHAAN SAMPEL

NO	KODE SAHAM	NAMA PERUSAHAAN
1	AGII	Samator Indo Gas Tbk
2	AKPI	Argha Karya Prima Industry Tbk
3	ALKA	Alakasa Industrindo Tbk
4	AMFG	Asahimas Flat Glass Tbk
5	ARNA	Arwana Citramulia Tbk
6	ASII	Astra International Tbk
7	BUDI	Budi Starch Sweetener Tbk
8	CAKK	Cahayaputra Asa Keramik Tbk
9	CCSI	Communication Cable Systems Indonesia Tbk
10	CEKA	Cahaya Kalbar Tbk / PT Wilmar Cahaya Indonesia Tbk.
11	COCO	Wahana Interfood Nusantara Tbk
12	DLTA	Delta Djakarta Tbk
13	DMND	Diamond Food Indonesia Tbk
14	DPNS	Duta Pertiwi Nusantara Tbk
15	EKAD	Ekadharma International Tbk
16	ENZO	Moreno Abadi Perkasa Tbk
17	FASW	Fajar Surya Wisesa Tbk
18	GDST	Gunawan Dianjaya Steel Tbk
19	GGRM	Gudang Garam Tbk
20	GOOD	Garudafood Putra Putri Jaya Tbk
21	HRTA	Hartadinata Abadi Tbk
22	IFII	Indonesia Fibreboard Industry Tbk
23	IGAR	Champion Pacific Indonesia Tbk
24	INTP	Indocement Tunggal Prakasa Tbk
25	ITIC	Indonesian Tobacco Tbk
26	KAEF	Kimia Farma Tbk
27	KIAS	Keramika Indonesia Assosiasi Tbk
28	LMSH	Lionmesh Prima Tbk
29	MERK	Merck Indonesia Tbk
30	MLIA	Mulia Industrindo Tbk
31	MOLI	Madusari Murni Indah Tbk
32	PSGO	Palma Serasih Tbk
33	PYFA	Pyridam Farma Tbk
34	ROTI	Nippon Indosari Corpindo Tbk
35	SAMF	Saraswanti Anugerah Makmur Tbk
	SCCO	Supreme Cable Manufacturing Corporation Tbk
	SIDO	Industri Jamu dan Farmasi Sido Tbk
	SKBM	Sekar Bumi Tbk



39	SKLT	Sekar Laut Tbk
40	SLIS	Gaya Abadi Sempurna Tbk
41	SMGR	Semen Indonesia (Persero) Tbk
42	SMKL	Satyamitra Kemas Lestari Tbk
43	SOHO	Soho Global Health Tbk
44	SPMA	Suparma Tbk
45	SRSN	Indo Acitama Tbk
46	STTP	Siantar Top Tbk
47	TALF	Tunas Alfin Tbk
48	TRIS	Trisula International Tbk
49	UCID	Uni Charm Indonesia Tbk
50	ULTJ	Ultra Jaya Milk Industry and Trading Company Tbk
51	WTON	Wijaya Karya Beton Tbk



Lampiran 3. Data Variabel Penelitian

DATA AGRESIVITAS PAJAK

NO	KODE SAHAM	TAHUN	BEBAN/MANFAAT PAJAK	LABA/RUGI SEBELUM PAJAK	HASIL Y
1	AGII	2020	(3.683)	96.179	-0,03829
		2021	64.413	275.898	0,23347
		2022	34.954	138.850	0,25174
2	AKPI	2020	(25.328.611)	40.676.936	-0,62268
		2021	59.853.111	221.678.190	0,27000
		2022	79.130.220	290.817.325	0,27210
3	ALKA	2020	1.820.385	8.177.691	0,22260
		2021	(182.957)	17.262.076	-0,01060
		2022	9.727.032	48.544.749	0,20037
4	AMFG	2020	(76.259)	(465.748)	0,16373
		2021	60.127	378.799	0,15873
		2022	94.340	568.840	0,16585
5	ARNA	2020	94.384.895.323	420.626.406.830	0,22439
		2021	133.670.240.121	609.653.614.511	0,21926
		2022	164.538.683.396	746.096.093.997	0,22053
6	ASII	2020	4.546	21.741	0,20909
		2021	6.848	32.350	0,21170
		2022	9.970	50.390	0,19786
7	BUDI	2020	13.980	69.312	0,20170
		2021	22.242	113.956	0,19518
		2022	22.966	116.031	0,19793
8	CAKK	2020	495.099.365	2.283.938.489	0,21677
		2021	3.775.933.334	17.560.179.541	0,21503
		2022	3.153.777.468	13.704.825.440	0,23012
9	CCSI	2020	6.655.335	35.178.487	0,18919
		2021	13.169.644	51.903.436	0,25373
		2022	14.565.557	64.695.378	0,22514
10	CEKA	2020	51.052.197.134	232.864.791.126	0,21924
		2021	49.987.388.459	236.334.817.214	0,21151
		2022	59.027.025.174	283.149.105.983	0,20847
11	COCO	2020	976.914.774	3.715.043.422	0,26296
		2021	2.217.229.983	10.749.861.691	0,20626
		2022	2.728.656.247	10.376.623.131	0,26296
12	DLTA	2020	33.003.494	164.704.480	0,20038
		2021	52.872.873	240.865.871	0,21951
		2022	62.969.006	294.211.660	0,21403
	MND	2020	61.657	267.246	0,23071
		2021	98.452	449.922	0,21882



		2022	116.670	498.775	0,23391
14	DPNS	2020	2.060.314.341	4.461.029.495	0,46185
		2021	5.463.232.214	28.186.888.107	0,19382
		2022	7.123.631.037	34.552.481.023	0,20617
15	EKAD	2020	27.593.583.956	123.522.654.770	0,22339
		2021	33.361.283.511	137.720.156.180	0,24224
		2022	19.831.648.662	97.911.441.932	0,20255
16	ENZO	2020	434.587.585	1.961.924.206	0,22151
		2021	2.739.957.685	13.091.610.703	0,20929
		2022	813.378.605	3.787.473.545	0,21475
17	FASW	2020	96.217.393.477	362.806.757.676	0,26520
		2021	205.201.700.000	836.865.000.000	0,24520
		2022	48.674.000.000	168.600.000.000	0,28870
18	GDST	2020	10.127.095.730	(67.718.233.075)	-0,14955
		2021	(13.221.469.970)	(76.933.015.238)	0,17186
		2022	60.523.624.847	352.174.528.488	0,17186
19	GGRM	2020	2.015.404	9.663.133	0,20857
		2021	1.681.525	7.286.846	0,23076
		2022	866.779	3.646.521	0,23770
20	GOOD	2020	94.881.135.256	339.984.897.163	0,27907
		2021	140.016.834.125	632.654.506.311	0,22132
		2022	152.537.429.078	674.251.464.663	0,22623
21	HRTA	2020	47.120.303.103	217.799.500.837	0,21635
		2021	53.732.930.600	248.165.327.819	0,21652
		2022	72.055.541.738	326.183.131.521	0,22091
22	IFII	2020	22.571.188.903	96.157.039.365	0,23473
		2021	23.241.609.191	105.591.061.431	0,22011
		2022	27.714.706.822	124.832.922.027	0,22201
23	IGAR	2020	22.396.075.884	83.166.786.329	0,26929
		2021	31.914.696.805	135.948.996.651	0,23475
		2022	31.064.913.439	133.379.287.740	0,23291
24	INTP	2020	341.991	2.148.328	0,15919
		2021	445.506	2.234.002	0,19942
		2022	446.875	2.289.309	0,19520
25	ITIC	2020	3.654.083.834	13.885.347.664	0,26316
		2021	6.560.329.812	24.928.946.454	0,26316
		2022	8.327.507.522	32.279.830.698	0,25798
26	KAEF	2020	18.654.566	73.359.098	0,25429
		2021	102.729.383	392.883.409	0,26148
		2022	13.008.451	49.622.055	0,26215
KIAS		2020	(8.792.996.154)	(60.542.991.055)	0,14524
		2021	8.127.299.430	2.572.572.044	3,15921
		2022	(5.510.210.719)	1.043.659.853	-5,27970
MSH		2020	574.243.308	(7.494.245.384)	-0,07662
		2021	(557.689.099)	5.956.601.009	-0,09363



		2022	250.293.051	(4.494.256.932)	-0,05569
29	MERK	2020	34.097.597	105.999.860	0,32168
		2021	58.838.742	190.499.576	0,30887
		2022	57.940.610	237.778.369	0,24367
30	MLIA	2020	25.652.039	120.544.205	0,21280
		2021	171.678.478	822.219.503	0,20880
		2022	239.106.317	1.092.813.462	0,21880
31	MOLI	2020	26.213.673	105.501.929	0,24847
		2021	16.514.569	58.980.604	0,28000
		2022	6.113.303	22.205.358	0,27531
32	PSGO	2020	5.818.931.704	30.251.088.264	0,19235
		2021	42.217.936.083	224.944.834.030	0,18768
		2022	60.851.959.498	318.534.090.195	0,19104
33	PYFA	2020	7.537.844.514	29.642.208.781	0,25429
		2021	2.191.052.966	8.811.330.955	0,24866
		2022	65.007.930.476	263.080.101.103	0,24710
34	ROTI	2020	38.720.676.877	160.357.537.779	0,24146
		2021	90.872.553.813	376.045.893.335	0,24165
		2022	140.534.997.731	572.782.719.985	0,24535
35	SAMF	2020	32.521.134.340	150.386.933.246	0,21625
		2021	47.361.237.321	218.507.276.809	0,21675
		2022	95.555.099.159	441.547.410.617	0,21641
36	SCCO	2020	65.905.385.002	304.057.871.487	0,21675
		2021	36.910.743.031	175.817.309.688	0,20994
		2022	32.058.620.029	150.684.715.596	0,21275
37	SIDO	2020	265.532	1.199.548	0,22136
		2021	352.333	1.613.231	0,21840
		2022	315.138	1.419.852	0,22195
38	SKBM	2020	3.403.953.519	13.568.762.041	0,25087
		2021	11.459.526.677	44.152.540.846	0,25954
		2022	30.551.909.967	117.187.513.903	0,26071
39	SKLT	2020	13.153.736.835	55.673.983.557	0,23626
		2021	17.201.239.321	101.725.399.549	0,16909
		2022	17.574.233.946	92.439.536.022	0,19012
40	SLIS	2020	6.203.270.934	32.700.262.884	0,18970
		2021	7.401.722.626	32.647.437.275	0,22672
		2022	12.069.399.606	54.409.704.747	0,22182
41	SMGR	2020	814.307	3.488.650	0,23342
		2021	791.527	3.470.137	0,22810
		2022	799.752	3.298.835	0,24243
	MKL	2020	21.571.457.181	62.716.497.952	0,34395
		2021	32.894.494.009	139.216.912.353	0,23628
		2022	25.067.992.574	102.140.064.662	0,24543
	OHO	2020	77.474	249.674	0,31030
		2021	140.066	691.157	0,20265



		2022	98.622	455.637	0,21645
44	SPMA	2020	32.978.787.509	195.503.438.222	0,16869
		2021	83.184.066.580	377.509.626.634	0,22035
		2022	95.307.587.662	431.445.937.156	0,22090
45	SRSN	2020	16.875.622	61.027.867	0,27652
		2021	5.714.303	32.257.288	0,17715
		2022	10.783.005	44.423.333	0,24273
46	STTP	2020	144.978.315.572	773.607.195.121	0,18741
		2021	147.614.953.252	765.188.720.115	0,19291
		2022	132.199.514.819	756.723.520.605	0,17470
47	TALF	2020	7.695.486.832	28.621.059.866	0,26887
		2021	8.661.405.608	31.098.991.418	0,27851
		2022	15.195.095.571	59.508.181.386	0,25534
48	TRIS	2020	3.418.456.613	11.884.360.558	0,28764
		2021	12.032.376.867	40.542.940.532	0,29678
		2022	27.178.745.278	91.700.254.580	0,29639
49	UCID	2020	126.375	468.055	0,27000
		2021	138.402	613.489	0,22560
		2022	117.435	431.083	0,27242
50	ULTJ	2020	311.851	1.421.517	0,21938
		2021	265.139	1.541.932	0,17195
		2022	323.512	1.288.998	0,25098
51	WTON	2020	7.357.730.549	130.504.809.969	0,05638
		2021	(2.787.414.823)	78.646.542.746	-0,03544
		2022	78.446.045.097	249.506.092.196	0,31441



DATA CEO TENURE

NO	KODE SAHAM	TAHUN	HASIL X1
1	AGII	2020	13
		2021	14
		2022	15
2	AKPI	2020	18
		2021	19
		2022	20
3	ALKA	2020	4
		2021	1
		2022	2
4	AMFG	2020	2
		2021	3
		2022	1
5	ARNA	2020	27
		2021	28
		2022	29
6	ASII	2020	1
		2021	2
		2022	3
7	BUDI	2020	31
		2021	32
		2022	33
8	CAKK	2020	23
		2021	24
		2022	25
9	CCSI	2020	23
		2021	24
		2022	25
10	CEKA	2020	3
		2021	4
		2022	5
11	COCO	2020	13
		2021	14
		2022	15
12	DLTA	2020	3
		2021	4
		2022	5
13	DMND	2020	2
		2021	3
		2022	4
14	DPNS	2020	29



		2021	30
		2022	31
15	EKAD	2020	29
		2021	30
		2022	31
16	ENZO	2020	1
		2021	2
		2022	3
17	FASW	2020	1
		2021	2
		2022	1
18	GDST	2020	13
		2021	14
		2022	15
19	GGRM	2020	11
		2021	12
		2022	13
20	GOOD	2020	2
		2021	3
		2022	4
21	HRTA	2020	3
		2021	4
		2022	5
22	IFII	2020	12
		2021	13
		2022	14
23	IGAR	2020	1
		2021	2
		2022	3
24	INTP	2020	7
		2021	8
		2022	9
25	ITIC	2020	18
		2021	19
		2022	20
26	KAEF	2020	1
		2021	2
		2022	1
27	KIAS	2020	2
		2021	3
		2022	4
28	LMSH	2020	28
		2021	29



		2022	30
29	MERK	2020	1
		2021	2
		2022	3
30	MLIA	2020	25
		2021	26
		2022	27
31	MOLI	2020	1
		2021	2
		2022	3
32	PSGO	2020	1
		2021	2
		2022	3
33	PYFA	2020	1
		2021	2
		2022	3
34	ROTI	2020	21
		2021	22
		2022	23
35	SAMF	2020	21
		2021	22
		2022	23
36	SCCO	2020	4
		2021	5
		2022	1
37	SIDO	2020	2
		2021	3
		2022	4
38	SKBM	2020	26
		2021	27
		2022	28
39	SKLT	2020	35
		2021	36
		2022	1
40	SLIS	2020	1
		2021	2
		2022	3
41	SMGR	2020	3
		2021	1
		2022	2
42	SMKL	2020	15
		2021	16
		2022	17



43	SOHO	2020	6
		2021	7
		2022	8
44	SPMA	2020	26
		2021	27
		2022	1
45	SRSN	2020	26
		2021	27
		2022	28
46	STTP	2020	2
		2021	1
		2022	2
47	TALF	2020	42
		2021	43
		2022	44
48	TRIS	2020	3
		2021	4
		2022	1
49	UCID	2020	3
		2021	4
		2022	5
50	ULTJ	2020	48
		2021	49
		2022	50
51	WTON	2020	4
		2021	5
		2022	1



DATA INSTITUTIONAL OWNERSHIP

NO	KODE SAHAM	TAHUN	JUMLAH SAHAM INSTITUSIONAL	JUMLAH SAHAM YANG BEREDAR	HASIL X2
1	AGII	2020	1.024.031.540	3.066.660.000	0,33392
		2021	1.052.250.640	3.066.660.000	0,34313
		2022	1.073.331.000	3.066.660.000	0,35000
2	AKPI	2020	385.344.789	612.248.000	0,62939
		2021	385.487.489	612.248.000	0,62963
		2022	385.487.489	612.248.000	0,62963
3	ALKA	2020	162.800.871	507.665.055	0,32069
		2021	162.800.871	507.665.055	0,32069
		2022	162.800.871	507.665.055	0,32069
4	AMFG	2020	180.677.700	434.000.000	0,41631
		2021	180.677.700	434.000.000	0,41631
		2022	180.677.700	434.000.000	0,41631
5	ARNA	2020	1.030.000.000	7.341.430.976	0,14030
		2021	1.037.195.000	7.341.430.976	0,14128
		2022	1.037.660.000	7.341.430.976	0,14134
6	ASII	2020	20.288.255.040	40.483.553.140	0,50115
		2021	20.288.255.040	40.483.553.140	0,50115
		2022	20.288.255.040	40.483.553.140	0,50115
7	BUDI	2020	1.401.271.833	4.498.997.362	0,31146
		2021	1.401.271.833	4.498.997.362	0,31146
		2022	1.487.271.833	4.498.997.362	0,33058
8	CAKK	2020	356.200.000	1.203.300.219	0,29602
		2021	356.200.000	1.203.300.219	0,29602
		2022	993.936.700	1.203.300.219	0,82601
9	CCSI	2020	596.133.568	1.000.000.000	0,59613
		2021	715.360.281	1.199.999.998	0,59613
		2022	715.360.281	1.199.999.998	0,59613
10	CEKA	2020	29.490.000	595.000.000	0,04956
		2021	29.490.000	595.000.000	0,04956
		2022	41.390.000	595.000.000	0,06956
11	COCO	2020	46.002.173	560.284.938	0,08210
		2021	330.716.673	889.863.981	0,37165
		2022	543.842.937	889.863.981	0,61115
12	DLTA	2020	210.200.700	800.659.050	0,26253
		2021	210.200.700	800.659.050	0,26253
		2022	210.200.700	800.659.050	0,26253
	DMND	2020	1.892.724.964	9.468.359.000	0,19990
		2021	1.892.724.964	9.468.359.000	0,19990
		2022	1.892.724.964	9.468.359.000	0,19990
	DPNS	2020	220.574.238	331.129.952	0,66613



		2021	219.477.538	331.129.952	0,66281
		2022	192.024.238	331.129.952	0,57991
15	EKAD	2020	555.758.520	698.775.000	0,79533
		2021	562.528.120	698.775.000	0,80502
		2022	2.845.942.000	3.493.875.000	0,81455
16	ENZO	2020	275.143.000	2.162.543.000	0,12723
		2021	211.146.000	2.162.545.165	0,09764
		2022	211.146.000	2.162.546.672	0,09764
17	FASW	2020	1.102.069.224	2.477.888.787	0,44476
		2021	1.102.069.224	2.477.888.787	0,44476
		2022	1.102.069.224	2.477.888.787	0,44476
18	GDST	2020	180.000.000	9.242.500.000	0,01948
		2021	180.000.000	9.242.500.000	0,01948
		2022	180.000.000	9.242.500.000	0,01948
19	GGRM	2020	457.551.570	1.924.088.000	0,23780
		2021	457.551.570	1.924.088.000	0,23780
		2022	457.551.570	1.924.088.000	0,23780
20	GOOD	2020	1.334.834.890	7.379.580.291	0,18088
		2021	6.674.174.450	36.897.901.455	0,18088
		2022	11.101.202.605	36.897.901.455	0,30086
21	HRTA	2020	306.289.500	4.605.262.400	0,06651
		2021	306.289.500	4.605.262.400	0,06651
		2022	306.289.500	4.605.262.400	0,06651
22	IFII	2020	2.353.000.000	9.412.000.000	0,25000
		2021	2.353.000.000	9.412.000.000	0,25000
		2022	2.353.000.000	9.412.000.000	0,25000
23	IGAR	2020	52.500.000	972.204.500	0,05400
		2021	52.500.000	972.204.500	0,05400
		2022	52.500.000	972.204.500	0,05400
24	INTP	2020	1.877.480.863	3.681.231.639	0,51001
		2021	1.877.480.863	3.681.231.699	0,51001
		2022	1.877.480.863	3.681.231.699	0,51001
25	ITIC	2020	66.000.000	940.720.000	0,07016
		2021	66.000.000	940.720.000	0,07016
		2022	66.000.000	940.720.000	0,07016
26	KAEF	2020	246.982.200	5.554.000.000	0,04447
		2021	246.982.200	5.554.000.000	0,04447
		2022	246.982.200	5.554.000.000	0,04447
27	KIAS	2020	288.140.200	14.929.100.000	0,01930
		2021	288.140.200	14.929.100.000	0,01930
		2022	288.140.200	14.929.100.000	0,01930
	LMSH	2020	30.927.000	96.000.000	0,32216
		2021	30.927.000	96.000.000	0,32216
		2022	30.927.000	96.000.000	0,32216
	MERK	2020	56.711.920	448.000.000	0,12659



		2021	56.711.920	448.000.000	0,12659
		2022	56.711.920	448.000.000	0,12659
30	MLIA	2020	889.685.722	1.323.000.000	0,67248
		2021	889.685.722	1.323.000.000	0,67248
		2022	4.448.428.610	6.615.000.000	0,67248
31	MOLI	2020	1.273.978.791	2.334.888.498	0,54563
		2021	1.518.049.072	2.724.036.581	0,55728
		2022	1.542.418.905	2.724.036.581	0,56623
32	PSGO	2020	6.600.000.000	18.850.000.000	0,35013
		2021	6.600.000.000	18.850.000.000	0,35013
		2022	6.600.000.000	18.850.000.000	0,35013
33	PYFA	2020	392.947.014	535.080.000	0,73437
		2021	394.770.714	535.080.000	0,73778
		2022	404.379.614	535.080.000	0,75574
34	ROTI	2020	5.122.874.922	6.186.488.888	0,82807
		2021	5.122.874.922	6.186.488.888	0,82807
		2022	5.122.874.922	6.186.488.888	0,82807
35	SAMF	2020	3.806.250.000	5.125.000.000	0,74268
		2021	3.806.250.000	5.125.000.000	0,74268
		2022	3.806.250.000	5.125.000.000	0,74268
36	SCCO	2020	154.275.640	205.583.400	0,75043
		2021	154.275.640	205.583.400	0,75043
		2022	154.275.640	205.583.400	0,75043
37	SIDO	2020	6.340.877.862	30.000.000.000	0,21136
		2021	6.340.877.862	30.000.000.000	0,21136
		2022	5.140.877.862	30.000.000.000	0,17136
38	SKBM	2020	1.429.025.322	1.726.003.217	0,82794
		2021	1.161.259.762	1.730.103.217	0,67121
		2022	1.263.086.401	1.730.103.217	0,73006
39	SKLT	2020	580.615.000	690.740.500	0,84057
		2021	473.162.064	690.740.500	0,68501
		2022	473.162.064	690.740.500	0,68501
40	SLIS	2020	1.425.000.000	2.000.000.000	0,71250
		2021	1.425.000.000	2.000.000.000	0,71250
		2022	1.360.000.000	2.000.000.000	0,68000
41	SMGR	2020	3.025.405.999	5.931.520.000	0,51006
		2021	3.025.405.999	5.931.520.000	0,51006
		2022	3.457.023.004	6.751.540.089	0,51203
42	SMKL	2020	27.500.000	3.400.000.005	0,00809
		2021	27.500.000	3.401.381.246	0,00808
		2022	29.153.800	3.418.085.290	0,00853
	SOHO	2020	500.445.600	1.269.168.239	0,39431
		2021	920.146.531	1.269.168.239	0,72500
		2022	1.040.388.922	1.269.168.239	0,81974
	SPMA	2020	1.953.225.197	2.114.570.958	0,92370



		2021	2.578.257.260	2.791.233.198	0,92370
		2022	2.913.430.702	3.154.092.216	0,92370
45	SRSN	2020	1.974.198.800	6.020.000.000	0,32794
		2021	1.974.198.800	6.020.000.000	0,32794
		2022	1.974.198.800	6.020.000.000	0,32794
46	STTP	2020	743.600.500	1.310.000.000	0,56763
		2021	743.600.500	1.310.000.000	0,56763
		2022	743.600.500	1.310.000.000	0,56763
47	TALF	2020	152.716.700	1.353.435.000	0,11284
		2021	152.716.700	1.353.435.000	0,11284
		2022	152.716.700	1.353.435.000	0,11284
48	TRIS	2020	2.098.233.048	3.141.443.806	0,66792
		2021	2.098.233.048	3.141.443.806	0,66792
		2022	2.091.953.048	3.141.443.831	0,66592
49	UCID	2020	864.567.054	4.156.572.300	0,20800
		2021	864.567.054	4.156.572.300	0,20800
		2022	864.567.054	4.156.572.300	0,20800
50	ULTJ	2020	2.472.304.260	11.553.528.000	0,21399
		2021	2.472.304.260	11.553.528.000	0,21399
		2022	2.472.304.260	11.553.528.000	0,21399
51	WTON	2020	511.842.749	8.715.466.600	0,05873
		2021	493.746.549	8.715.466.600	0,05665
		2022	446.986.149	8.715.466.600	0,05129



DATA CAPITAL INTENSITY

NO	KODE SAHAM	TAHUN	TOTAL ASET TETAP	TOTAL ASET	HASIL X3
1	AGII	2020	4.827.633	7.121.458	0,67790
		2021	5.466.207	8.164.599	0,66950
		2022	5.469.351	8.041.989	0,68010
2	AKPI	2020	1.555.991.249	2.644.267.716	0,58844
		2021	1.863.695.431	3.335.740.359	0,55871
		2022	1.996.400.411	3.590.544.764	0,55602
3	ALKA	2020	9.929.636	418.630.902	0,02372
		2021	10.682.371	499.393.053	0,02139
		2022	11.086.794	638.952.801	0,01735
4	AMFG	2020	5.570.591	7.961.657	0,69968
		2021	5.141.047	7.403.476	0,69441
		2022	4.812.090	7.466.520	0,64449
5	ARNA	2020	767.222.504.498	1.970.340.289.520	0,38939
		2021	766.149.629.601	2.243.523.072.803	0,34149
		2022	945.337.647.904	2.578.868.615.545	0,36657
6	ASII	2020	59.230	338.203	0,17513
		2021	55.349	367.311	0,15069
		2022	59.536	413.297	0,14405
7	BUDI	2020	1.699.087	2.963.007	0,57343
		2021	1.663.014	2.993.218	0,55559
		2022	1.582.871	3.173.651	0,49875
8	CAKK	2020	250.814.612.822	354.900.568.484	0,70672
		2021	325.310.384.873	441.237.863.687	0,73727
		2022	309.378.361.994	447.970.072.779	0,69062
9	CCSI	2020	191.507.113	500.778.546	0,38242
		2021	206.227.287	523.443.664	0,39398
		2022	257.369.479	795.180.378	0,32366
10	CEKA	2020	204.186.009.945	1.566.673.828.068	0,13033
		2021	236.062.886.495	1.697.387.196.209	0,13907
		2022	269.389.502.266	1.718.287.453.575	0,15678
11	COCO	2020	67.899.416.744	263.754.414.443	0,25743
		2021	62.932.946.502	370.684.311.428	0,16978
		2022	113.353.753.899	485.054.412.584	0,23369
12	DLTA	2020	79.117.279	1.225.580.913	0,06455
		2021	84.151.006	1.308.722.065	0,06430
		2022	83.554.198	1.307.186.367	0,06392
13	DMND	2020	1.862.871	5.680.638	0,32793
		2021	2.107.755	6.297.287	0,33471
		2022	2.298.552	6.878.297	0,33417
	IS	2020	8.801.944.541	317.310.718.779	0,02774
		2021	11.457.269.574	362.242.571.405	0,03163



		2022	10.395.937.743	405.675.831.614	0,02563
15	EKAD	2020	474.173.694.707	1.081.979.820.386	0,43825
		2021	459.573.571.345	1.165.564.745.263	0,39429
		2022	467.945.008.363	1.221.291.885.832	0,38316
16	ENZO	2020	66.466.209.647	271.189.553.490	0,24509
		2021	70.830.962.313	294.416.024.814	0,24058
		2022	70.087.981.104	313.331.422.003	0,22369
17	FASW	2020	8.485.611.471.915	11.513.044.288.721	0,73704
		2021	8.902.641.000.000	13.302.224.000.000	0,66926
		2022	9.178.759.000.000	12.877.846.000.000	0,71276
18	GDST	2020	1.115.768.297.113	1.588.136.471.649	0,70256
		2021	1.165.659.949.983	1.583.979.016.422	0,73591
		2022	1.254.871.539.583	2.106.446.579.086	0,59573
19	GGRM	2020	27.605.038	78.191.409	0,35304
		2021	29.780.132	89.964.369	0,33102
		2022	32.426.439	88.562.617	0,36614
20	GOOD	2020	3.217.662.289.685	6.570.969.641.033	0,48968
		2021	3.194.026.759.059	6.766.602.280.143	0,47203
		2022	3.176.839.184.209	7.327.371.934.290	0,43356
21	HRTA	2020	133.749.450.679	2.830.686.417.461	0,04725
		2021	141.372.167.819	3.478.074.220.547	0,04065
		2022	203.957.308.836	3.849.086.552.639	0,05299
22	IFII	2020	714.336.773.006	1.074.238.575.525	0,66497
		2021	723.626.672.500	1.158.730.182.419	0,62450
		2022	1.312.231.513.700	1.746.807.361.866	0,75122
23	IGAR	2020	140.087.552.996	665.863.417.235	0,21038
		2021	126.819.959.998	809.371.584.010	0,15669
		2022	121.859.771.717	863.638.556.466	0,14110
24	INTP	2020	15.045.366	27.344.672	0,55021
		2021	14.342.412	26.136.114	0,54876
		2022	14.894.921	25.706.169	0,57943
25	ITIC	2020	352.750.559.096	505.077.168.839	0,69841
		2021	384.180.793.400	526.704.173.504	0,72941
		2022	394.722.927.720	553.207.312.282	0,71352
26	KAEF	2020	9.402.411.784	17.562.816.674	0,53536
		2021	9.460.697.014	17.760.195.040	0,53269
		2022	9.904.375.150	20.353.992.893	0,48661
27	KIAS	2020	748.754.655.621	1.021.382.709.921	0,73308
		2021	720.783.624.800	1.000.024.467.440	0,72077
		2022	665.522.179.042	1.065.879.552.778	0,62439
28	KJPH	2020	49.572.934.760	143.486.189.959	0,34549
		2021	46.877.108.179	145.459.649.889	0,32227
		2022	43.989.255.991	132.398.867.747	0,33225
29	KPK	2020	217.560.166	929.901.046	0,23396
		2021	232.664.347	1.026.266.866	0,22671



		2022	218.547.031	1.037.647.240	0,21062
30	MLIA	2020	4.487.169.898	5.745.215.496	0,78103
		2021	4.414.851.819	6.122.669.723	0,72107
		2022	4.437.447.230	6.806.945.264	0,65190
31	MOLI	2020	1.092.105.963	2.279.580.714	0,47908
		2021	1.083.594.365	2.275.216.679	0,47626
		2022	1.088.629.602	2.182.945.756	0,49870
32	PSGO	2020	950.537.353.785	3.401.723.398.441	0,27943
		2021	971.692.187.639	3.731.907.652.769	0,26037
		2022	1.108.936.889.645	4.140.857.067.187	0,26780
33	PYFA	2020	84.564.914.050	228.575.380.866	0,36997
		2021	370.454.157.198	806.221.575.272	0,45949
		2022	833.453.284.585	1.520.568.653.644	0,54812
34	ROTI	2020	2.434.486.072.405	4.452.166.671.985	0,54681
		2021	2.492.863.630.370	4.191.284.422.677	0,59477
		2022	2.493.688.426.380	4.130.321.616.083	0,60375
35	SAMF	2020	300.913.388.255	1.342.071.492.913	0,22422
		2021	309.524.775.723	1.763.123.879.245	0,17555
		2022	378.737.389.609	3.097.781.579.099	0,12226
36	SCCO	2020	1.666.509.653.242	3.743.659.818.718	0,44516
		2021	2.704.706.448.349	4.698.864.127.234	0,57561
		2022	2.972.331.197.166	5.128.133.329.237	0,57961
37	SIDO	2020	1.568.264	3.849.516	0,40739
		2021	1.588.101	4.068.970	0,39030
		2022	1.610.837	4.081.442	0,39467
38	SKBM	2020	440.748.401.586	1.768.660.546.754	0,24920
		2021	440.353.396.212	1.970.428.120.056	0,22348
		2022	421.445.662.260	2.042.199.577.083	0,20637
39	SKLT	2020	354.930.905.744	773.863.042.440	0,45865
		2021	413.018.253.918	889.125.250.792	0,46452
		2022	438.766.634.381	1.033.289.474.829	0,42463
40	SLIS	2020	64.784.306.007	383.601.312.705	0,16888
		2021	60.805.617.603	395.546.064.266	0,15373
		2022	61.490.635.172	446.032.517.908	0,13786
41	SMGR	2020	56.053.483	78.006.244	0,71858
		2021	54.720.267	76.504.240	0,71526
		2022	57.805.992	82.960.012	0,69679
42	SMKL	2020	828.456.313.132	1.672.515.743.467	0,49534
		2021	819.645.497.956	1.911.921.812.381	0,42870
		2022	1.024.913.209.712	2.024.398.917.353	0,50628
43	SIO	2020	395.542	4.180.243	0,09462
		2021	386.072	4.021.919	0,09599
		2022	383.520	4.474.599	0,08571
44	IA	2020	1.659.143.550.952	2.316.065.006.133	0,71636
		2021	1.711.988.805.498	2.746.153.295.147	0,62341



		2022	1.829.176.330.361	3.239.231.499.990	0,56469
45	SRSN	2020	319.819.738	906.846.895	0,35267
		2021	324.351.860	860.162.908	0,37708
		2022	334.576.636	876.602.301	0,38167
46	STTP	2020	1.538.988.540.784	3.448.995.059.882	0,44621
		2021	1.552.703.249.576	3.919.243.683.748	0,39617
		2022	1.585.273.559.920	4.590.737.849.889	0,34532
47	TALF	2020	965.782.828.798	1.474.472.516.166	0,65500
		2021	1.006.930.999.941	1.569.929.936.844	0,64139
		2022	1.145.732.465.164	1.797.280.792.145	0,63748
48	TRIS	2020	311.330.074.281	1.068.940.700.530	0,29125
		2021	287.462.003.804	1.060.742.742.644	0,27100
		2022	298.801.605.600	1.177.807.599.498	0,25369
49	UCID	2020	2.603.182	7.644.451	0,34053
		2021	2.505.224	7.787.513	0,32170
		2022	2.188.920	8.382.538	0,26113
50	ULTJ	2020	1.715.401	8.754.116	0,19595
		2021	2.165.353	7.406.856	0,29234
		2022	2.260.183	7.376.375	0,30641
51	WTON	2020	2.952.492.507.874	8.509.017.299.594	0,34698
		2021	3.152.889.015.230	8.928.183.492.920	0,35314
		2022	3.045.751.191.074	9.447.528.704.261	0,32239



DATA LIQUIDITY

NO	KODE SAHAM	TAHUN	ASET LANCAR	LIABILITAS LANCAR	HASIL X4
1	AGII	2020	1.629.893	1.615.068	1,00918
		2021	2.044.419	1.979.987	1,03254
		2022	1.917.368	1.643.446	1,16668
2	AKPI	2020	910.024.936	879.913.552	1,03422
		2021	1.304.656.069	1.162.789.501	1,12201
		2022	1.377.131.024	1.110.996.403	1,23955
3	ALKA	2020	407.951.601	313.064.440	1,30309
		2021	488.110.333	368.953.409	1,32296
		2022	626.370.439	454.365.258	1,37856
4	AMFG	2020	1.932.986	2.404.568	0,80388
		2021	1.906.967	1.927.761	0,98921
		2022	2.392.927	1.986.252	1,20474
5	ARNA	2020	1.183.164.904.839	602.572.382.597	1,96352
		2021	1.450.950.591.357	604.446.106.477	2,40046
		2022	1.601.724.616.560	685.894.904.063	2,33523
6	ASII	2020	132.308	85.736	1,54320
		2021	160.262	103.778	1,54428
		2022	179.818	119.198	1,50857
7	BUDI	2020	1.241.540	1.085.439	1,14381
		2021	1.320.277	1.131.686	1,16665
		2022	1.582.322	1.189.965	1,32972
8	CAKK	2020	93.958.168.942	52.335.492.814	1,79530
		2021	105.671.630.951	83.636.830.884	1,26346
		2022	127.135.857.284	168.476.334.141	0,75462
9	CCSI	2020	287.507.616	117.921.144	2,43813
		2021	314.056.289	132.952.572	2,36217
		2022	495.013.365	304.024.658	1,62820
10	CEKA	2020	1.266.586.465.994	271.641.005.590	4,66272
		2021	1.358.085.356.038	283.104.828.760	4,79711
		2022	1.383.998.340.429	139.037.021.213	9,95417
11	COCO	2020	161.986.171.773	135.290.031.399	1,19733
		2021	273.848.147.193	140.133.633.808	1,95419
		2022	284.173.876.309	146.027.758.905	1,94603
12	DLTA	2020	1.103.831.856	147.207.676	7,49847
		2021	1.174.393.432	244.206.806	4,80901
		2022	1.165.412.820	255.354.186	4,56391
ND	VS	2020	3.584.233	822.493	4,35777
		2021	3.965.274	1.106.492	3,58364
		2022	4.275.936	1.312.391	3,25813
		2020	184.653.012.538	19.551.115.774	9,44463



		2021	225.928.824.403	23.888.996.571	9,45744
		2022	255.997.357.126	29.856.021.373	8,57440
15	EKAD	2020	552.493.858.098	177.934.911.881	3,10503
		2021	643.773.422.158	82.981.081.779	7,75807
		2022	669.455.042.672	68.622.960.117	9,75555
16	ENZO	2020	153.731.001.839	104.667.366.803	1,46876
		2021	184.120.393.901	123.621.955.121	1,48938
		2022	195.482.016.059	134.038.927.498	1,45840
17	FASW	2020	2.764.166.622.523	3.415.011.967.990	0,80942
		2021	4.254.996.000.000	5.137.640.000.000	0,82820
		2022	3.437.981.000.000	5.241.768.000.000	0,65588
18	GDST	2020	412.410.310.473	676.672.074.796	0,60947
		2021	353.310.177.226	727.757.214.191	0,48548
		2022	830.499.000.031	953.526.289.429	0,87098
19	GGRM	2020	49.537.929	17.009.992	2,91228
		2021	59.312.578	28.369.283	2,09073
		2022	55.445.127	29.125.010	1,90369
20	GOOD	2020	2.314.323.530.275	1.321.529.767.664	1,75125
		2021	2.613.436.417.820	1.771.339.531.925	1,47540
		2022	3.194.327.374.948	1.835.096.804.319	1,74069
21	HRTA	2020	2.669.836.303.087	463.740.630.742	5,75718
		2021	3.300.516.538.001	708.362.034.511	4,65936
		2022	3.574.043.984.008	951.483.287.105	3,75629
22	IFII	2020	341.737.294.833	58.235.308.849	5,86821
		2021	341.747.858.250	53.286.002.242	6,41346
		2022	408.596.864.963	145.976.858.453	2,79905
23	IGAR	2020	509.735.319.690	60.111.815.002	8,47979
		2021	664.451.418.649	91.677.487.054	7,24771
		2022	707.960.865.488	71.725.854.409	9,87037
24	INTP	2020	12.299.306	4.215.956	2,91732
		2021	11.336.733	4.646.506	2,43984
		2022	10.312.090	4.822.152	2,13848
25	ITIC	2020	142.830.758.861	158.227.829.403	0,90269
		2021	138.385.285.688	157.791.488.422	0,87701
		2022	152.684.650.832	144.218.917.325	1,05870
26	KAEF	2020	6.093.103.998	6.786.941.897	0,89777
		2021	6.303.473.591	5.980.180.556	1,05406
		2022	8.501.422.281	8.030.857.184	1,05859
27	KIAS	2020	213.856.436.953	127.909.759.386	1,67193
		2021	264.701.143.076	108.208.133.431	2,44622
		2022	335.771.250.503	177.517.613.638	1,89148
	SH	2020	79.949.514.002	23.270.556.685	3,43565
		2021	85.694.063.426	19.024.382.841	4,50443
		2022	76.497.142.486	12.168.769.649	6,28635
	RK	2020	678.404.760	266.348.137	2,54706



		2021	768.122.706	282.931.352	2,71487
		2022	795.587.313	239.074.429	3,32778
30	MLIA	2020	1.234.147.942	1.173.917.101	1,05131
		2021	1.687.494.334	1.184.192.608	1,42502
		2022	2.328.864.897	1.158.518.478	2,01021
31	MOLI	2020	1.110.854.069	634.406.029	1,75101
		2021	1.125.203.657	572.352.601	1,96593
		2022	1.021.595.101	508.757.119	2,00802
32	PSGO	2020	560.100.591.588	289.509.974.222	1,93465
		2021	953.903.389.311	418.048.143.349	2,28180
		2022	1.304.904.227.804	418.048.143.349	3,12142
33	PYFA	2020	129.342.420.572	44.748.565.283	2,89043
		2021	326.430.905.577	251.838.113.066	1,29619
		2022	540.992.487.118	297.388.368.548	1,81914
34	ROTI	2020	1.549.617.329.468	404.567.270.700	3,83031
		2021	1.282.057.210.341	483.213.195.704	2,65319
		2022	1.285.672.230.703	612.417.576.293	2,09934
35	SAMF	2020	1.001.067.812.550	511.577.005.759	1,95683
		2021	1.413.923.779.237	884.452.469.621	1,59864
		2022	2.678.284.003.473	1.929.970.523.526	1,38773
36	SCCO	2020	1.855.080.214.313	421.640.268.111	4,39968
		2021	1.752.396.200.332	256.862.068.217	6,82232
		2022	1.896.185.326.170	348.948.204.860	5,43400
37	SIDO	2020	2.052.081	560.043	3,66415
		2021	2.244.707	543.370	4,13108
		2022	2.194.242	541.048	4,05554
38	SKBM	2020	953.792.483.691	701.020.837.232	1,36058
		2021	1.158.132.110.148	883.202.660.221	1,31129
		2022	1.263.255.237.692	875.853.096.624	1,44231
39	SKLT	2020	379.723.220.668	247.102.759.160	1,53670
		2021	433.383.441.542	241.664.687.612	1,79333
		2022	543.799.195.487	333.670.108.915	1,62975
40	SLIS	2020	316.535.685.981	168.098.422.660	1,88304
		2021	332.416.909.291	135.103.286.971	2,46047
		2022	382.558.554.113	118.786.486.392	3,22056
41	SMGR	2020	15.564.604	11.506.163	1,35272
		2021	15.270.235	14.210.166	1,07460
		2022	18.878.979	13.061.027	1,44544
42	SMKL	2020	773.133.215.077	759.642.620.987	1,01776
		2021	1.033.642.912.879	951.105.516.740	1,08678
		2022	943.315.562.458	895.664.057.774	1,05320
	-O	2020	3.405.989	1.797.440	1,89491
		2021	3.341.171	1.654.049	2,02000
		2022	3.873.438	1.898.934	2,03980
	MA	2020	645.476.167.999	372.561.061.935	1,73254



		2021	1.004.400.966.183	450.774.754.651	2,22817
		2022	1.370.508.317.595	374.992.624.819	3,65476
45	SRSN	2020	579.393.962	266.837.335	2,17134
		2021	528.387.932	213.017.466	2,48049
		2022	538.289.996	191.188.510	2,81549
46	STTP	2020	1.505.872.822.478	626.131.203.549	2,40504
		2021	1.979.855.004.312	475.372.154.415	4,16485
		2022	2.575.390.271.556	530.693.880.588	4,85287
47	TALF	2020	490.284.080.260	263.432.699.854	1,86114
		2021	521.288.543.863	266.457.069.558	1,95637
		2022	614.755.676.973	365.102.738.589	1,68379
48	TRIS	2020	684.007.219.503	362.127.923.921	1,88886
		2021	707.056.882.252	344.961.850.615	2,04967
		2022	816.654.910.304	409.727.696.458	1,99317
49	UCID	2020	4.560.148	2.590.637	1,76024
		2021	4.815.990	2.390.066	2,01500
		2022	5.788.393	2.844.445	2,03498
50	ULTJ	2020	5.593.421	2.327.339	2,40335
		2021	4.844.821	1.556.539	3,11256
		2022	4.618.390	1.456.898	3,17002
51	WTON	2020	5.248.208.303.785	4.706.620.585.979	1,11507
		2021	5.493.814.196.175	4.938.393.406.640	1,11247
		2022	6.149.560.721.473	5.472.902.652.071	1,12364



DATA HASIL TRANSFORMASI DAN OUTLIER

NO	KODE SAHAM	TAHUN	X1	X2	X3	X4	Y
1	AGII	2022	2,70805	-1,04982	-0,38552	0,15416	-1,41943
2	AKPI	2021	2,94444	-0,46263	-0,58213	0,11512	-1,39425
3	AKPI	2022	2,99573	-0,46263	-0,58696	0,21475	-1,39302
4	AMFG	2020	0,69315	-0,87633	-0,35714	-0,21830	-1,64029
5	AMFG	2021	1,09861	-0,87633	-0,36469	-0,01085	-1,64636
6	AMFG	2022	0,00000	-0,87633	-0,43930	0,18627	-1,62693
7	ARNA	2020	3,29584	-1,96397	-0,94318	0,67474	-1,46922
8	ARNA	2021	3,33220	-1,95701	-1,07443	0,87566	-1,48527
9	ARNA	2022	3,36730	-1,95657	-1,00356	0,84811	-1,48223
10	ASII	2020	0,00000	-0,69085	-1,74222	0,43386	-1,51204
11	ASII	2021	0,69315	-0,69085	-1,89255	0,43456	-1,51230
12	ASII	2022	1,09861	-0,69085	-1,93759	0,41116	-1,53975
13	BUDI	2020	3,43399	-1,16647	-0,55611	0,13437	-1,54399
14	BUDI	2021	3,46574	-1,16647	-0,58772	0,15413	-1,54433
15	BUDI	2022	3,49651	-1,10691	-0,69564	0,28497	-1,54121
16	CAKK	2020	3,13549	-1,21733	-0,34712	0,58517	-1,50304
17	CAKK	2021	3,17805	-1,21733	-0,30480	0,23385	-1,49839
18	CAKK	2022	3,21888	-0,19115	-0,37016	-0,28154	-1,47137
19	CCSI	2020	3,13549	-0,51729	-0,96124	0,89123	-1,58873
20	CCSI	2021	3,17805	-0,51729	-0,93145	0,85958	-1,44143
21	CCSI	2022	3,21888	-0,51729	-1,12806	0,48748	-1,49030
22	CEKA	2020	1,09861	-3,00451	-2,03768	1,53960	-1,47047
23	CEKA	2021	1,38629	-3,00451	-1,97275	1,56801	-1,49738
24	COCO	2020	2,56495	-2,49976	-1,35699	0,18009	-1,36211
25	COCO	2021	2,63906	-0,98981	-1,77328	0,66998	-1,52371
26	COCO	2022	2,70805	-0,49241	-1,45375	0,66579	-1,41451
27	DMND	2021	1,09861	-1,60994	-1,09450	1,27638	-1,49922
28	DMND	2022	1,38629	-1,60994	-1,09609	1,18115	-1,46395
29	EKAD	2020	3,36730	-0,22899	-0,82497	1,13302	-1,51906
30	EKAD	2021	3,40120	-0,21689	-0,93066	1,55984	-1,48914
31	ENZO	2020	0,00000	-2,06175	-1,40612	0,38442	-1,45676
32	ENZO	2021	0,69315	-2,32649	-1,42470	0,39836	-1,45299
33	ENZO	2022	1,09861	-2,32649	-1,49751	0,37734	-1,45270
34	FASW	2020	0,00000	-0,81022	-0,30511	-0,21144	-1,38421
35	FASW	2021	0,69315	-0,81022	-0,40158	-0,18850	-1,38543
36	FASW	2022	0,00000	-0,81022	-0,33862	-0,42177	-1,33611
37	GGRM	2020	2,39790	-1,43632	-1,04116	1,06894	-1,52417
38	GGRM	2021	2,48491	-1,43632	-1,10557	0,73751	-1,46476
	GGRM	2022	2,56495	-1,43632	-1,00474	0,64380	-1,44839
	JD	2020	0,69315	-1,70991	-0,71401	0,56033	-1,35903
	JD	2021	1,09861	-1,70991	-0,75072	0,38893	-1,47105



42	GOOD	2022	1,38629	-1,20110	-0,83573	0,55428	-1,47449
43	IFII	2020	2,48491	-1,38629	-0,40801	1,76955	-1,48878
44	IFII	2021	2,56495	-1,38629	-0,47080	1,85840	-1,52294
45	IFII	2022	2,63906	-1,38629	-0,28606	1,02928	-1,49867
46	INTP	2020	1,94591	-0,67332	-0,59745	1,07067	-1,67687
47	INTP	2021	2,07944	-0,67332	-0,60010	0,89193	-1,55983
48	INTP	2022	2,19722	-0,67332	-0,54571	0,76010	-1,56772
49	ITIC	2020	2,89037	-2,65699	-0,35895	-0,10238	-1,35891
50	ITIC	2021	2,94444	-2,65699	-0,31553	-0,13123	-1,35857
51	ITIC	2022	2,99573	-2,65699	-0,33755	0,05704	-1,37332
52	KAEF	2020	0,00000	-3,11296	-0,62482	-0,10784	-1,34423
53	KAEF	2021	0,69315	-3,11296	-0,62981	0,05265	-1,34965
54	KAEF	2022	0,00000	-3,11296	-0,72030	0,05694	-1,34781
55	MERK	2020	0,00000	-2,06681	-1,45260	0,93494	-1,28401
56	MERK	2021	0,69315	-2,06681	-1,48409	0,99875	-1,30706
57	MERK	2022	1,09861	-2,06681	-1,55771	1,20231	-1,43110
58	MLIA	2020	3,21888	-0,39679	-0,24715	0,05003	-1,51580
59	MLIA	2021	3,25810	-0,39679	-0,32702	0,35418	-1,52316
60	MLIA	2022	3,29584	-0,39679	-0,42786	0,69824	-1,51751
61	MOLI	2020	0,00000	-0,60582	-0,73588	0,56020	-1,43780
62	MOLI	2021	0,69315	-0,58469	-0,74179	0,67596	-1,38273
63	MOLI	2022	1,09861	-0,56876	-0,69576	0,69715	-1,38469
64	PSGO	2020	0,00000	-1,04944	-1,27501	0,65993	-1,55910
65	PSGO	2021	0,69315	-1,04944	-1,34564	0,82497	-1,56417
66	PSGO	2022	1,09861	-1,04944	-1,31750	1,13829	-1,57323
67	PYFA	2020	0,00000	-0,30874	-0,99435	1,06140	-1,44329
68	PYFA	2021	0,69315	-0,30411	-0,77763	0,25943	-1,42551
69	PYFA	2022	1,09861	-0,28006	-0,60126	0,59837	-1,43674
70	ROTI	2020	3,04452	-0,18865	-0,60366	1,34295	-1,47934
71	ROTI	2021	3,09104	-0,18865	-0,51958	0,97576	-1,47054
72	ROTI	2022	3,13549	-0,18865	-0,50459	0,74162	-1,46469
73	SAMF	2020	3,04452	-0,29749	-1,49515	0,67132	-1,51669
74	SAMF	2021	3,09104	-0,29749	-1,73980	0,46916	-1,50869
75	SAMF	2022	3,13549	-0,29749	-2,10160	0,32767	-1,50336
76	SCCO	2020	1,38629	-0,28711	-0,80933	1,48153	-1,53835
77	SCCO	2021	1,60944	-0,28711	-0,55233	1,92020	-1,55190
78	SCCO	2022	0,00000	-0,28711	-0,54540	1,69268	-1,54304
79	SIDO	2020	0,69315	-1,55418	-0,89798	1,29860	-1,49576
80	SIDO	2021	1,09861	-1,55418	-0,94085	1,41854	-1,50605
81	SIDO	2022	1,38629	-1,76397	-0,92970	1,40008	-1,49392
82	SKBM	2020	3,25810	-0,18882	-1,38950	0,30791	-1,41715
83	SKBM	2021	3,29584	-0,39868	-1,49843	0,27101	-1,41129
84	SKBM	2022	3,33220	-0,31462	-1,57809	0,36625	-1,41495
85	SLT	2020	3,55535	-0,17368	-0,77947	0,42964	-1,47467
86	SLT	2021	3,58352	-0,37833	-0,76675	0,58407	-1,64194



87	SKLT	2022	0,00000	-0,37833	-0,85653	0,48843	-1,57350
88	SLIS	2020	0,00000	-0,33898	-1,77854	0,63289	-1,57263
89	SLIS	2021	0,69315	-0,33898	-1,87259	0,90035	-1,49106
90	SLIS	2022	1,09861	-0,38566	-1,98151	1,16955	-1,50798
91	SMGR	2020	1,09861	-0,67324	-0,33048	0,30212	-1,46594
92	SMGR	2021	0,00000	-0,67324	-0,33511	0,07195	-1,45790
93	SMGR	2022	0,69315	-0,66936	-0,36127	0,36842	-1,44780
94	SOHO	2020	1,79176	-0,93062	-2,35787	0,63917	-1,31419
95	SOHO	2021	1,94591	-0,32158	-2,34349	0,70310	-1,54147
96	SOHO	2022	2,07944	-0,19877	-2,45678	0,71285	-1,51071
97	SPMA	2020	3,25810	-0,07937	-0,33357	0,54959	-1,65069
98	SPMA	2021	3,29584	-0,07937	-0,47255	0,80118	-1,52269
99	SPMA	2022	0,00000	-0,07937	-0,57147	1,29603	-1,52730
100	SRSN	2020	3,25810	-1,11492	-1,04222	0,77534	-1,38364
101	SRSN	2021	3,29584	-1,11492	-0,97529	0,90846	-1,61027
102	SRSN	2022	3,33220	-1,11492	-0,96319	1,03514	-1,45620
103	STTP	2020	0,69315	-0,56628	-0,80696	0,87757	-1,58861
104	STTP	2021	0,00000	-0,56628	-0,92590	1,42668	-1,58616
105	STTP	2022	0,69315	-0,56628	-1,06328	1,57957	-1,64003
106	TALF	2020	3,73767	-2,18182	-0,42312	0,62119	-1,35993
107	TALF	2021	3,76120	-2,18182	-0,44412	0,67109	-1,36111
108	TALF	2022	3,78419	-2,18182	-0,45023	0,52105	-1,40066
109	TRIS	2020	1,09861	-0,40359	-1,23357	0,63597	-1,35421
110	TRIS	2021	1,38629	-0,40359	-1,30563	0,71768	-1,35635
111	TRIS	2022	0,00000	-0,40658	-1,37163	0,68972	-1,35249
112	UCID	2020	1,09861	-1,57022	-1,07725	0,56545	-1,37670
113	UCID	2021	1,38629	-1,57022	-1,13414	0,70062	-1,47017
114	UCID	2022	1,60944	-1,57022	-1,34274	0,71049	-1,37509
115	ULTJ	2020	3,87120	-1,54184	-1,62988	0,87687	-1,49047
116	ULTJ	2021	3,89182	-1,54184	-1,22982	1,13545	-1,62178
117	ULTJ	2022	3,91202	-1,54184	-1,18284	1,15374	-1,43355
118	WTON	2022	0,00000	-2,97033	-1,13201	0,11657	-1,25844



Lampiran 4. Hasil Uji SPSS

1. Hasil Analisis Statistik Deskriptif

	N	Minimum	Maximum	Mean	Std. Deviation
X1	118	,00000	3,91202	1,8926230	1,29947650
X2	118	-3,11296	-,07937	-1,0803906	,81724224
X3	118	-2,45678	-,24715	-,9650162	,53235602
X4	118	-,42177	1,92020	,6737882	,49194764
Y	118	-1,67687	-1,25844	-1,4738878	,08610861
Valid N (listwise)	118				

2. Hasil Uji Asumsi Klasik

2.1 Uji Normalitas

One-Sample Kolmogorov-Smirnov Test

		Unstandardized Residual
N		118
Normal Parameters ^{a,b}	Mean	,0000000
	Std. Deviation	,07421155
Most Extreme Differences	Absolute	,049
	Positive	,026
	Negative	-,049
Test Statistic		,049
Asymp. Sig. (2-tailed)		,200 ^{c,d}

a. Test distribution is Normal.

b. Calculated from data.

c. Lilliefors Significance Correction.

d. This is a lower bound of the true significance.

2.2 Uji Multikolinearitas

Coefficients^a

Model		Collinearity Statistics	
		Tolerance	VIF
1	X1	,975	1,025
	X2	,984	1,016
	X3	,932	1,073
	X4	,941	1,063

a. Dependent Variable: Y



2.3 Uji Heteroskedastisitas

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	,082	,013		6,214	,000
	X1	-,005	,003	-,142	-1,540	,126
	X2	,009	,005	,168	1,835	,069
	X3	-,005	,008	-,060	-,639	,524
	X4	-,013	,009	-,145	-1,543	,126

a. Dependent Variable: ABRESID

2.4 Uji Autokorelasi

- Hasil uji autokorelasi sebelum perbaikan

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	,507 ^a	,257	,231	,0755136083	1,236

a. Predictors: (Constant), X4, X1, X2, X3

b. Dependent Variable: Y

- Hasil uji autokorelasi setelah perbaikan

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	,458 ^a	,210	,181	,06995	1,940

a. Predictors: (Constant), Lag_X4, Lag_X1, Lag_X2, Lag_X3

b. Dependent Variable: Lag_Y



3. Hasil Uji Hipotesis

3.1 Uji T (Parsial)

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-1,489	,023		-66,162	,000
	X1	-,004	,005	-,057	-,693	,490
	X2	-,040	,009	-,381	-4,660	,000
	X3	-,014	,014	-,087	-1,034	,303
	X4	-,052	,015	-,295	-3,529	,001

a. Dependent Variable: Y

3.2 Uji F (Simultan)

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	,223	4	,056	9,784	,000 ^b
	Residual	,644	113	,006		
	Total	,868	117			

a. Dependent Variable: Y

b. Predictors: (Constant), X4, X1, X2, X3

3.3 Uji Koefisien Determinasi (R²)

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,507 ^a	,257	,231	,07551361

a. Predictors: (Constant), X4, X1, X2, X3

b. Dependent Variable: Y

