

## LAMPIRAN

### Lampiran 1: Pemilihan Sampel

1	AISA	PT. Tiga Pilar Sejahtera Food Tbk
2	AKPI	PT. Argha Karya Prima Industry Tbk
3	ALDO	PT. Alkindo Naratama Tbk
4	AMFG	PT. Asahimas Flat Glass
5	AMIN	PT. Ateliers Mecaniques D'Indonesie Tbk
6	ARNA	PT. Arwana Citramulia Tbk
7	ASII	PT. Astra Motor Tbk
8	AUTO	PT. Astra International Tbk
9	BATA	PT. Sepatu Bata Tbk
10	BELL	PT. Trisula Textile Industries Tbk
11	BOLT	PT. Garuda Metalindo Tbk
12	BUDI	PT. Budi Strach & Sweetener Tbk
13	BTON	PT. Betonjaya Manunggal Tbk
14	CEKA	PT. Wilmar Cahaya Indonesia Tbk
15	CINT	PT. Chitose International Tbk
16	CPIN	PT. Chareon Pokphand Indonesia Tbk
17	DLTA	PT. Delta Djakarta Tbk
18	DVLA	PT. Darya-Varia Laboratoria Tbk
19	EKAD	PT. Ekadharma International Tbk
20	FASW	PT. Fajar Surya Wisesa Tbk
21	GGRM	PT. Gudang Garam Tbk
22	GJTL	PT. Gajah Tunggal Tbk
23	HMSP	PT. Hanjaya Mandala Sampoerna Tbk
24	HOKI	PT. Buyung Poetra Sembada Tbk
25	ICBP	PT. Indofood CBP Sukses Makmur Tbk
26	IGAR	PT. Champion Pacific Indonesia Tbk
27	IMPC	PT. Impack Pratama Industri Tbk
28	INCI	PT. Intanwijaya Internasional Tbk
29	INDF	PT. Indofood Sukses Makmur Tbk
30	INDS	PT. Indospring Tbk
31	INTP	PT. Indocement Tunggal Prakarsa Tbk

32	ISSP	PT. Steel Pipe Industry of Indonesia Tbk
33	JECC	PT. Jembo Cable Company Tbk
34	JPFA	PT. Japfa Comfeed Indonesia Tbk
35	KAEF	PT. Kimia Farma Tbk
36	KBLI	PT. KMI Wire and Cable Tbk
37	KBLM	PT. Kabelindo Murni Tbk
38	KIAS	PT. Keramika Indonesia Assosiasi Tbk
39	KINO	PT. Kino Indonesia Tbk
40	KLBF	PT. Kalbe Farma Tbk
41	KMTR	PT. Kirana Megatara Tbk
42	KRAH	PT. Grand Kartech Tbk
43	LION	PT. Lion Metal Works Tbk
44	LMSH	PT. Lionmesh Prima Tbk
45	MAIN	PT. Malindo Feedmill Tbk
46	MARK	PT. Mark Dynamics Indonesia Tbk
47	MERK	PT. Merck Tbk
48	MLBI	PT. Multi Bintang Indonesia Tbk
49	MYOR	PT. Mayora Indah Tbk
50	PBID	PT. Panca Budi Idaman Tbk
51	PICO	PT. Pelangi Indah Canindo Tbk
52	PYFA	PT. Pyridam Farma Tbk
53	RICY	PT. Ricky Putra Globalindo Tbk
54	ROTI	PT. Nippon Indosari Corpindo Tbk
55	SCCO	PT. Supreme Cable Manufacturing & Commerce Tbk
56	SIDO	PT. Sido Muncul Tbk
57	SKBM	PT. Sekar Bumi Tbk
58	SKLT	PT. Sekar Laut Tbk
59	SMBR	PT. Semen Baturaja Tbk
60	SMCB	PT. Holcim Indonesia Tbk
61	SMGR	PT. Semen Indonesia Tbk
62	SMSM	PT. Selamat Sempurna Tbk
63	SQBB	PT. Taisho Pharmaceutical Tbk
64	TALF	PT. Tunas Alfin Tbk
65	TCID	PT. Mandom Indonesia Tbk
66	TOTO	PT. Surya Toto Indonesia Tbk

67	TRIS	PT. Trisula International Tbk
68	TRST	PT. Trias Sentosa Tbk
69	TSPC	PT. Tempo Scan Pacific Tbk
70	ULTJ	PT. Ultrajaya Milk Tbk
71	WIIM	PT. Wismilak Group Tbk
72	WSBP	PT. Waskita Beton Precast Tbk
73	WTON	PT. Wijaya Karya Beton Tbk
74	VOKS	PT. Voksel Electric Tbk

Lampiran 2:

Hasil Olah Data Semua Variabel

NO	KODE	TAHUN	ROA	CR	DER	IOS	DPR
1	AISA	2014	0.051	2.663	1.052	1.418	0.077
2	AKPI	2014	0.016	1.132	1.159	1.041	0.298
3		2015	0.01	1.031	1.603	0.987	0.178
4		2016	0.02	1.129	1.336	0.994	0.105
5		2017	0.005	5.822	1.437	1.013	1.833
6	ALDO	2014	0.059	1.329	1.238	1.816	0.075
7		2018	0.081	1.613	0.937	1.041	0.056
8	AMFG	2014	0.118	5.684	0.272	0.996	0.075
9		2015	0.08	4.654	0.26	0.806	0.102
10		2016	0.047	2.02	0.529	0.849	0.133
11		2017	0.006	2.01	0.766	0.816	0.899
12		2018	0.001	6.567	1.345	0.709	2
13	AMIN	2016	0.128	2.208	0.668	1.506	0.3
14	ARNA	2015	0.05	1.021	0.599	2.996	1.262
15		2016	0.059	1.349	0.628	2.927	0.406
16		2017	0.076	1.626	0.556	1.885	0.304
17		2018	0.096	1.736	0.507	2.143	0.563
18	ASII	2014	0.094	1.31	0.964	1.811	0.456
19		2015	0.064	1.379	0.94	1.447	0.605
20		2016	0.07	1.239	0.872	1.757	0.449
21		2017	0.078	1.229	0.891	1.597	0.118
22		2018	0.079	0.901	0.977	1.438	0.326
23	AUTO	2014	0.066	1.332	0.419	1.574	0.464
24		2015	0.023	1.323	0.414	0.733	1.091

25		2016	0.033	1.507	0.349	0.78	0.103
26		2017	0.037	1.719	0.372	0.832	0.307
27		2018	0.002	1.479	0.411	0.746	0.362
28	BATA	2014	0.092	1.552	0.821	2.414	0.521
29		2015	0.163	2.471	0.453	1.674	0.219
30		2016	0.052	2.57	0.444	1.468	0.561
31		2017	0.063	2.464	0.477	1.078	0.38
32	BELL	2018	0.047	1.57	0.979	1.119	0.203
33	BOLT	2015	0.106	4.391	0.208	2.913	2
34		2016	0.12	1.27	0.152	1.901	0.543
35		2017	0.078	3.127	0.65	2.364	0.701
36		2018	0.07	1.798	0.778	2.246	0.998
37	BUDI	2017	0.155	1.007	1.46	0.718	0.274
38		2018	0.015	1.003	1.766	0.734	0.375
39	BTON	2015	0.035	1.167	0.693	1.183	0.94
40	CEKA	2014	0.032	1.466	1.389	0.633	1.449
41		2017	0.077	2.224	0.542	0.757	0.829
42		2018	0.079	5.113	0.197	0.749	0.288
43	CINT	2015	0.077	3.481	0.215	0.966	0.298
44		2016	0.052	3.16	0.223	0.902	0.571
45		2017	0.062	3.19	0.247	0.847	0.181
46	CPIN	2014	0.084	2.241	0.894	3.843	0.43
47		2015	0.074	0.353	0.965	2.393	0.161
48		2016	0.092	2.173	0.71	2.59	0.215
49		2017	0.102	2.317	0.562	2.341	0.368
50		2018	0.165	2.979	0.426	4.502	0.201
51	DLTA	2016	0.212	7.604	0.183	3.121	0.036
52		2017	0.209	8.638	0.171	2.554	0.517
53		2018	0.171	7.282	0.191	2.954	0.893
54	DPNS	2018	0.034	7.736	0.16	0.364	0.095
55	DVLA	2014	0.059	4.914	0.31	0.556	0.473
56		2015	0.078	3.523	0.414	0.477	0.412
57		2016	0.099	2.855	0.418	0.562	0.478
58		2017	0.099	0.003	0.47	0.579	0.241
59	EKAD	2014	0.1	2.33	0.537	1.119	0.155
60		2015	0.121	3.569	0.335	0.857	0.134
61		2017	0.096	4.519	0.202	0.744	0.148
62		2018	0.087	5.05	0.178	0.796	0.175

63	FASW	2016	0.091	1.075	1.718	2.2	0.076
64		2017	0.064	0.742	0.541	1.735	0.229
65		2018	0.128	1.173	1.557	2.946	0.176
66	GGRM	2014	0.093	1.62	0.758	2.531	0.285
67		2015	0.102	1.77	0.671	2.067	0.239
68		2016	0.106	1.938	0.591	2.306	0.749
69		2018	0.113	2.058	0.531	2.641	0.642
70	GJTL	2014	0.018	2.016	1.86	0.869	0.035
71		2017	0.002	1.63	2.197	0.65	0.387
72	HMSP	2014	0.359	1.528	1.103	0.58	1.054
73		2015	0.273	0.003	0.187	14.012	0.001
74		2018	0.291	4.302	0.318	0.518	0.925
75	HOKI	2018	0.122	2.678	0.347	2.379	0.158
76	ICBP	2014	0.103	2.194	0.716	7.158	0.419
77		2015	0.11	2.326	0.621	6.687	0.431
78		2016	0.126	2.407	0.562	3.885	0.828
79		2017	0.112	2.393	0.556	3.685	0.472
80		2018	0.152	1.952	0.513	3.898	0.413
81	IGAR	2014	0.157	4.121	0.328	0.978	0.298
82		2016	0.158	0.353	0.275	1.585	0.626
83		2017	0.141	1.705	0.161	0.742	0.075
84		2016	0.055	3.772	0.857	2.829	0.943
85		2018	0.045	3.564	0.727	2.396	0.168
86	INCI	2016	0.037	1.81	0.109	0.566	0.182
87		2018	0.043	1.066	0.223	10.604	0.071
88	INDF	2014	0.359	5.815	0.421	1.175	2.029
89		2015	0.527	8.089	0.406	0.401	4.889
90		2016	0.064	2.407	0.87	1.561	0.356
91		2017	0.059	1.503	0.881	1.432	0.495
92		2018	0.051	1.066	0.934	1.329	0.137
93	INDS	2014	0.056	2.912	0.252	0.691	0.517
94		2017	0.047	1.302	0.135	0.575	0.288
95		2018	0.045	1.289	0.131	0.702	0.591
96	INTP	2014	0.183	4.934	0.175	2.983	0.626
97		2015	0.158	4.887	0.158	2.768	1.141
98		2016	0.128	1.81	0.153	1.79	0.395
99		2017	0.064	3.703	0.175	2.64	1.839
100		2018	0.041	3.137	0.197	2.35	2.248

101	ISSP	2016	0.017	1.159	1.284	0.731	0.137
102	JECC	2016	0.083	1.14	2.375	0.767	0.457
103		2018	0.042	1.099	2.417	0.88	0.342
104	JPFA	2014	0.025	1.771	2.043	1.441	0.313
105		2016	0.113	2.13	1.054	8.25	0.079
106		2017	0.053	2.346	1.153	1.218	0.568
107		2018	0.098	1.798	1.255	1.773	0.267
108	KAEF	2014	0.08	2.387	0.639	3.213	0.21
109		2015	0.078	1.93	0.738	1.916	0.2
110		2016	0.059	1.714	1.031	4.453	0.2
111		2017	0.054	1.546	1.37	3.759	0.165
112		2018	0.042	1.423	1.819	2.759	0.236
113	KBLI	2014	0.052	3.326	0.44	0.638	0.223
114		2016	0.192	3.411	0.416	10.604	0.084
115		2017	0.119	1.974	0.687	0.891	0.111
116		2018	0.073	2.464	0.598	0.661	0.128
117	KBLM	2015	0.019	1.057	1.207	0.822	0.455
118		2016	0.033	1.302	0.993	0.874	0.158
119	KIAS	2014	0.035	1.289	0.124	1.012	0.3
120	KINO	2016	0.055	1.537	0.683	1.698	0.294
121		2017	0.034	1.654	0.575	1.227	0.294
122		2018	0.042	1.501	0.643	1.454	0.257
123	KLBF	2014	0.171	3.404	0.266	3.001	0.386
124		2015	0.15	3.698	0.252	4.356	0.444
125		2016	0.154	4.131	0.222	4.425	0.387
126		2017	0.148	4.509	0.196	4.461	2.029
127		2018	0.141	4.658	0.186	3.672	0.451
128	KMTR	2017	0.119	7.299	1.245	1.619	2.222
129	KRAH	2014	0.066	1.48	1.567	2.743	0.079
130	LION	2014	0.324	7.604	0.421	0.477	4.255
131		2015	0.345	6.502	0.406	0.401	4.545
132		2016	0.062	3.559	0.457	0.981	0.494
133		2017	0.359	3.271	0.508	0.785	2.222
134	LMSH	2014	0.054	5.333	0.253	4.234	0.253
135		2015	0.015	1.705	0.19	0.513	0.5
136		2016	0.038	2.77	2.375	0.615	0.077
137		2017	0.08	4.282	0.19	0.565	2.029
138	MAIN	2017	0.012	4.201	1.394	0.975	1.727

139		2018	0.066	1.637	1.236	1.308	0.126
140	MARK	2018	0.257	2.219	0.338	4.771	0.815
141	MERK	2014	0.256	4.586	0.307	3.922	0.769
142		2015	0.222	3.652	0.355	0.407	2.639
143		2016	0.207	4.217	0.277	0.401	0.802
144		2017	0.171	3.081	0.376	0.436	0.805
145	MLBI	2015	0.237	0.584	1.741	3.085	0.585
146		2016	0.432	0.68	1.772	3.999	2.826
147		2017	0.04	0.826	1.357	3.736	0.074
148		2018	0.424	0.778	1.475	3.925	3.521
149	MYOR	2016	0.107	2.25	1.063	3.906	0.344
150		2017	0.109	2.386	1.028	4.09	0.38
151		2018	0.1	2.655	1.059	4.522	0.351
152	PBID	2018	0.13	2.386	0.487	1.154	0.274
153	PICO	2017	0.023	1.506	1.575	0.603	0.17
154		2018	0.018	1.237	1.847	0.617	0.064
155	PYFA	2017	0.045	3.523	0.466	0.863	0.218
156	RICY	2014	0.013	1.328	2.003	0.636	0.181
157		2016	0.011	1.149	2.124	0.767	0.168
158		2017	0.012	1.188	2.194	0.721	0.168
159	ROTI	2014	0.088	1.366	1.247	4.752	0.084
160		2016	0.096	2.962	1.024	3.779	0.192
161		2017	0.03	2.259	0.617	2.097	0.496
162		2018	0.029	3.571	0.506	1.959	0.207
163	SCCO	2014	0.083	1.24	1.045	0.896	0.226
164		2016	0.139	1.689	1.007	1.012	0.136
165		2017	0.067	1.742	0.471	0.755	0.229
166		2018	0.061	1.908	0.431	0.711	0.273
167	SIDO	2017	0.169	2.868	0.091	2.321	0.724
168		2018	0.199	2.259	0.431	3.463	2.029
169	SKBM	2014	0.138	1.477	1.123	2.091	0.15
170	SKLT	2014	0.05	1.184	1.454	1.23	0.159
171		2015	0.053	1.192	0.597	0.642	0.169
172		2016	0.036	1.315	0.919	0.811	0.2
173		2017	0.036	1.263	1.069	1.815	0.149
174		2018	0.043	1.224	1.204	2.145	0.15
175	SMBR	2015	0.108	1.477	0.108	0.856	0.232
176		2016	0.059	2.868	0.4	6.466	0.346

177		2017	0.029	1.68	0.483	7.924	0.15
178		2018	0.014	2.134	1	5.188	0.5
179	SMCB	2014	0.227	4.201	1.004	1.548	1.047
180		2015	0.359	4.217	0.173	0.963	2.826
181	SMGR	2014	0.162	2.21	0.373	2.931	0.435
182		2015	0.119	1.597	0.39	1.95	0.493
183		2016	0.103	1.273	0.447	1.474	0.493
184		2017	0.042	1.568	0.609	1.547	0.897
185		2018	0.06	1.951	0.563	1.651	0.262
186	SMSM	2014	0.24	2.112	0.566	4.358	0.461
187		2015	0.217	2.394	0.541	3.457	0.337
188		2016	0.223	2.86	0.427	2.695	1.899
189		2017	0.227	3.739	0.336	3.016	0.46
190		2018	0.226	3.943	0.303	2.888	0.412
191	SQBB	2014	0.004	0.652	1.576	14.227	0.001
192		2015	0.359	3.574	0.311	0.449	2.826
193		2016	0.227	3.369	0.351	0.446	0.991
194	TALF	2014	0.133	3.693	0.359	1.739	0.058
195		2015	0.078	4.376	0.24	1.283	2.639
196		2016	0.034	2.923	0.173	0.799	0.136
197		2017	0.023	2.751	0.202	0.789	0.188
198		2018	0.093	1.45	0.698	0.452	0.3
199	TCID	2014	0.094	1.798	0.245	5.044	0.423
200		2015	0.264	4.991	0.413	2.531	0.144
201		2016	0.074	5.26	0.225	1.204	2.826
202		2017	0.076	4.913	0.271	1.578	0.46
203		2018	0.071	5.759	0.24	1.454	3.521
204	TOTO	2014	0.143	2.108	0.832	2.487	0.836
205		2017	0.099	2.295	0.669	1.863	0.478
206	TRIS	2014	0.07	2.023	0.692	1.021	0.41
207		2015	0.065	1.888	0.745	0.867	0.442
208		2016	0.002	4.217	0.846	0.449	1.495
209		2017	0.359	7.681	0.53	0.446	3.521
210		2018	0.031	1.61	0.777	0.688	0.883
211	TRST	2014	0.009	1.238	0.857	0.783	0.455
212		2015	0.008	1.308	0.716	0.712	0.556
213		2016	0.01	1.297	0.703	0.717	0.417
214		2017	0.011	1.229	0.687	0.749	0.357



215	TSPC	2014	0.104	3.002	0.374	2.42	0.581
216		2015	0.084	2.538	0.449	1.447	0.552
217		2016	0.083	2.652	0.421	1.521	0.42
218		2017	0.075	2.521	0.463	1.294	0.413
219	ULTJ	2014	0.097	3.345	0.288	3.616	0.122
220		2017	0.137	4.192	0.232	2.789	0.426
221		2018	0.126	1.238	0.164	2.614	0.167
222	WIIM	2014	0.084	2.275	0.577	1.251	0.353
223		2015	0.098	2.894	0.423	0.861	0.217
224		2016	0.079	2.75	0.366	0.841	0.494
225		2017	0.033	5.356	0.253	0.625	2.639
226	WSBP	2017	0.067	1.524	1.039	1.179	0.311
227		2018	0.072	1.397	0.931	1.079	0.718
228	WTON	2014	0.085	1.409	0.726	3.616	0.793
229		2015	0.039	1.369	0.969	2.264	0.592
230		2017	0.048	1.032	1.572	1.275	0.253
231		2018	0.055	1.119	1.831	0.99	0.217
232	VOKS	2017	0.079	1.323	1.592	1.221	0.5

## Lampiran 3:

Hasil Input Data Profitabilitas – ROA (*Return On Asset*)

NO	KODE	TAHUN	EAT	TOTAL ASET	ROA
1	AISA	2014	378,134,000,000	7,371,846,000,000	0.051
2	AKPI	2014	34,659,623,000	2,227,042,590,000	0.016
3		2015	27,644,714,000	2,883,143,132,000	0.01
4		2016	52,393,857,000	2,615,909,190,000	0.02
5		2017	13,333,970,000	2,745,325,833,000	0.005
6	ALDO	2014	21,061,034,612	356,814,265,668	0.059
7		2018	42,506,275,523	526,129,315,163	0.081
8	AMFG	2014	464,152,000,000	3,946,125,000,000	0.118
9		2015	341,346,000,000	4,270,275,000,000	0.08
10		2016	260,444,000,000	5,504,890,000,000	0.047
11		2017	38,569,000,000	6,267,816,000,000	0.006
12		2018	6,596,000,000	8,432,632,000,000	0.001
13	AMIN	2016	32,251,863,039	252,452,307,121	0.128

14	ARNA	2015	71,209,943,348	1,430,779,475,454	0.05
15		2016	91,375,910,975	1,543,216,299,146	0.059
16		2017	122,183,909,643	1,601,346,561,573	0.076
17		2018	158,207,798,602	1,652,905,985,730	0.096
18	ASII	2014	22,131,000,000,000	236,027,000,000,000	0.094
19		2015	15,613,000,000,000	245,435,000,000,000	0.064
20		2016	18,302,000,000,000	261,855,000,000,000	0.07
21		2017	23,165,000,000,000	296,460,000,000,000	0.078
22		2018	27,372,000,000,000	344,711,000,000,000	0.079
23	AUTO	2014	954,086,000,000	14,387,568,000,000	0.066
24		2015	322,701,000,000	14,339,110,000,000	0.023
25		2016	483,421,000,000	14,593,952,000,000	0.033
26		2017	547,781,000,000	14,762,309,000,000	0.037
27		2018	680,801,000,000	344,711,000,000,000	0.002
28	BATA	2014	71,246,429,000	774,891,087,000	0.092
29		2015	129,519,446,000	795,257,974,000	0.163
30		2016	42,231,663,000	804,742,917,000	0.052
31		2017	53,654,376,000	855,691,231,000	0.063
32	BELL	2018	24,143,812,178	514,962,171,773	0.047
33	BOLT	2015	97,680,310,772	918,617,353,270	0.106
34		2016	112,403,967,737	938,141,687,362	0.12
35		2017	93,225,253,756	1,188,798,795,362	0.078
36		2018	92,358,780,614	1,312,376,999,120	0.07
37	BUDI	2017	456,910,000,000	2,939,456,000,000	0.155
38		2018	50,467,000,000	3,392,980,000,000	0.015
39	BTON	2015	6,323,778,025	183,116,245,288	0.035
40	CEKA	2014	41,001,414,954	1,284,150,037,341	0.032
41		2017	107,420,886,839	1,392,636,444,501	0.077
42		2018	92,649,656,775	1,168,956,042,706	0.079
43	CINT	2015	29,477,807,514	382,807,494,765	0.077
44		2016	20,619,309,858	399,336,626,636	0.052
45		2017	29,648,261,092	476,577,841,605	0.062
46	CPIN	2014	1,746,644,000,000	20,862,439,000,000	0.084
47		2015	1,832,598,000,000	24,916,656,000,000	0.074
48		2016	2,225,402,000,000	24,204,994,000,000	0.092
49		2017	2,496,787,000,000	24,522,593,000,000	0.102
50		2018	4,551,485,000,000	27,645,118,000,000	0.165
51	DLTA	2016	254,509,268,000	1,197,796,650,000	0.212

52		2017	279,772,635,000	1,340,842,765,000	0.209
53		2018	238,927,263,000	1,400,090,079,000	0.171
54	DPNS	2018	10,866,601,490	322,185,012,261	0.034
55	DVLA	2014	81,597,761,000	1,376,278,237,000	0.059
56		2015	107,894,430,000	1,376,278,237,000	0.078
57		2016	152,083,400,000	1,531,365,558,000	0.099
58		2017	162,249,293,000	1,640,886,147,000	0.099
59	EKAD	2014	40,985,863,205	411,726,182,748	0.1
60		2015	47,040,256,456	389,691,595,500	0.121
61		2017	76,195,665,729	796,767,646,172	0.096
62		2018	74,045,187,763	853,267,454,400	0.087
63	FASW	2016	778,012,761,625	8,503,223,835,997	0.091
64		2017	595,868,198,714	9,369,891,776,775	0.064
65		2018	1,401,437,708,670	10,965,118,708,784	0.128
66	GGRM	2014	5,432,667,000,000	58,234,278,000,000	0.093
67		2015	6,452,834,000,000	63,505,413,000,000	0.102
68		2016	6,672,682,000,000	62,951,634,000,000	0.106
69		2018	7,793,068,000,000	69,097,219,000,000	0.113
70	GJTL	2014	283,016,000,000	16,122,036,000,000	0.018
71		2017	45,028,000,000	18,191,176,000,000	0.002
72	HMSP	2014	10,181,083,000,000	28,380,630,000,000	0.359
73		2015	10,363,308,000,000	38,010,724,000,000	0.273
74		2018	13,538,418,000,000	46,602,420,000,000	0.291
75	HOKI	2018	92,570,914,640	758,846,556,031	0.122
76	ICBP	2014	2,574,172,000,000	25,029,488,000,000	0.103
77		2015	2,923,148,000,000	26,560,624,000,000	0.11
78		2016	3,631,301,000,000	28,901,948,000,000	0.126
79		2017	3,543,173,000,000	31,619,514,000,000	0.112
80		2018	5,206,867,000,000	34,367,153,000,000	0.152
81	IGAR	2014	54,898,874,758	349,894,783,575	0.157
82		2016	69,305,629,795	439,465,673,296	0.158
83		2017	72,376,683,136	513,022,591,574	0.141
84	IMPC	2016	125,823,130,775	2,276,031,922,082	0.055
85		2018	105,523,929,164	2,370,198,817,803	0.045
86	INCI	2016	9,988,836,258	269,351,381,344	0.037
87		2018	16,675,673,703	391,362,697,956	0.043
88	INDF	2014	5,229,489,000,000	86,077,251,000,000	0.359
89		2015	3,709,501,000,000	91,831,526,000,000	0.527

90		2016	5,266,906,000,000	82,174,515,000,000	0.064
91		2017	5,145,063,000,000	87,939,488,000,000	0.059
92		2018	4,961,851,000,000	96,537,796,000,000	0.051
93	INDS	2014	127,819,512,585	2,282,666,078,493	0.056
94		2017	113,639,539,901	2,434,617,337,849	0.047
95		2018	110,686,883,366	2,482,337,567,967	0.045
96	INTP	2014	5,293,416,000,000	28,884,635,000,000	0.183
97		2015	4,356,661,000,000	27,638,360,000,000	0.158
98		2016	3,870,319,000,000	30,150,580,000,000	0.128
99		2017	1,859,818,000,000	28,863,676,000,000	0.064
100		2018	1,145,937,000,000	27,788,562,000,000	0.041
101	ISSP	2016	102,925,000,000	6,041,811,000,000	0.017
102	JECC	2016	132,423,161,000	1,587,210,576,000	0.083
103		2018	88,428,879,000	2,081,620,993,000	0.042
104	JPFA	2014	391,866,000,000	15,758,959,000,000	0.025
105		2016	2,171,608,000,000	19,251,026,000,000	0.113
106		2017	1,107,810,000,000	21,088,870,000,000	0.053
107		2018	2,253,201,000,000	23,038,028,000,000	0.098
108	KAEF	2014	236,531,070,864	2,968,184,626,297	0.08
109		2015	252,972,506,074	3,236,224,076,311	0.078
110		2016	271,597,947,663	4,612,562,541,064	0.059
111		2017	331,707,917,461	6,096,148,972,533	0.054
112		2018	401,792,808,948	9,460,427,317,681	0.042
113	KBLI	2014	70,135,958,148	1,340,881,252,563	0.052
114		2016	358,715,994,083	1,871,422,416,044	0.192
115		2017	358,974,051,474	3,013,760,616,985	0.119
116		2018	235,651,063,203	3,244,821,647,076	0.073
117	KBLM	2015	12,760,365,612	654,385,717,061	0.019
118		2016	21,245,022,916	639,091,366,917	0.033
119	CIAS	2014	79,641,000,000	2,268,247,000,000	0.035
120	KINO	2016	181,110,153,810	3,284,504,424,358	0.055
121		2017	109,696,001,798	3,237,595,219,274	0.034
122		2018	150,116,045,042	3,592,164,205,408	0.042
123	KLBF	2014	2,121,090,581,630	12,425,032,367,729	0.171
124		2015	2,057,694,281,873	13,696,417,381,439	0.15
125		2016	2,350,884,933,551	15,226,009,210,657	0.154
126		2017	2,453,251,410,604	16,616,239,416,335	0.148
127		2018	2,552,706,945,624	18,146,206,145,369	0.141

128	KMTR	2017	423,185,843,320	3,556,855,509,481	0.119
129	KRAH	2014	31,736,104,237	479,240,512,199	0.066
130	LION	2014	48,712,977,670	605,165,911,239	0.324
131		2015	40,018,637,487	639,330,150,373	0.345
132		2016	42,345,417,055	685,812,995,987	0.062
133		2017	9,282,943,009	681,937,947,736	0.359
134	LMSH	2014	7,605,091,176	141,034,984,628	0.054
135		2015	1,944,443,395	133,782,751,041	0.015
136		2016	6,252,814,811	162,828,169,250	0.038
137		2017	12,967,113,850	161,163,426,840	0.08
138	MAIN	2017	48,698,329,000	4,072,245,477,000	0.012
139		2018	284,246,878,000	4,335,844,455,000	0.066
140	MARK	2018	81,905,439,662	318,080,326,465	0.257
141	MERK	2014	182,147,224,000	711,055,830,000	0.256
142		2015	142,545,462,000	641,646,818,000	0.222
143		2016	153,842,847,000	743,934,894,000	0.207
144		2017	144,677,294,000	847,006,544,000	0.171
145	MLBI	2015	496,909,000,000.00	2,100,853,000,000	0.237
146		2016	982,129,000,000	2,275,038,000,000	0.432
147		2017	1,322,067,000,000	2,510,078,000,000	0.04
148		2018	1,224,807,000,000	2,889,501,000,000	0.424
149	MYOR	2016	1,388,676,127,665	12,922,421,859,142	0.107
150		2017	1,630,953,830,893	14,915,849,800,251	0.109
151		2018	1,760,434,280,304	17,591,706,426,634	0.1
152	PBID	2018	297,628,915,000	2,295,734,967,000	0.13
153	PICO	2017	16,824,380,227	720,238,957,745	0.023
154		2018	15,730,408,346	852,932,442,585	0.018
155	PYFA	2017	7,127,402,168	159,563,931,041	0.045
156	RICY	2014	15,124,699,961	1,172,012,468,004	0.013
157		2016	14,033,426,519	1,288,683,925,066	0.011
158		2017	16,558,562,698	1,374,444,788,282	0.012
159	ROTI	2014	188,648,345,876	2,142,894,276,216	0.088
160		2016	279,777,368,831	2,919,640,858,718	0.096
161		2017	135,364,021,139	4,559,573,709,411	0.03
162		2018	127,171,436,363	4,393,810,380,883	0.029
163	SCCO	2014	137,618,900,727	1,656,007,190,010	0.083
164		2016	340,593,630,534	2,449,935,491,586	0.139
165		2017	269,730,298,809	4,014,244,589,706	0.067

166		2018	253,995,332,656	4,165,196,478,857	0.061
167	SIDO	2017	533,799,000,000	3,158,198,000,000	0.169
168		2018	663,849,000,000	3,337,628,000,000	0.199
169	SKBM	2014	90,094,363,594	652,976,510,619	0.138
170	SKLT	2014	16,855,973,113	336,932,338,819	0.05
171		2015	20,066,791,849	377,110,748,359	0.053
172		2016	20,646,121,074	568,239,939,951	0.036
173		2017	22,970,715,348	636,284,210,210	0.036
174		2018	31,954,131,252	747,293,725,435	0.043
175	SMBR	2015	354,180,062,000	3,268,667,933,000	0.108
176		2016	259,086,871,000	4,368,876,996,000	0.059
177		2017	146,648,432,000	5,060,337,247,000	0.029
178		2018	76,074,721,000	5,538,079,503,000	0.014
179	SMCB	2014	65,986,700,000	17,199,304,000,000	0.227
180		2015	175,127,000,000	17,321,565,000,000	0.359
181	SMGR	2014	5,567,659,839,000	34,331,674,737,000	0.162
182		2015	4,525,441,038,000	38,153,118,932,000	0.119
183		2016	4,535,036,823,000	44,226,895,982,000	0.103
184		2017	2,043,025,914,000	48,963,502,966,000	0.042
185		2018	3,085,704,236,000	51,155,890,227,000	0.06
186	SMSM	2014	422,126,000,000	1,757,634,000,000	0.24
187		2015	481,007,000,000	2,220,108,000,000	0.217
188		2016	502,192,000,000	2,254,740,000,000	0.223
189		2017	555,388,000,000	2,443,341,000,000	0.227
190		2018	633,550,000,000	2,801,203,000,000	0.226
191	SQBB	2014	164,808,009,000	459,352,720,000	0.004
192		2015	150,207,262,000	464,027,522,000	0.359
193		2016	165,195,371,000	479,233,790,000	0.227
194	TALF	2014	57,889,730,059	433,975,362,840	0.133
195		2015	33,737,725,980	434,210,376,664	0.078
196		2016	30,137,707,324	881,673,021,959	0.034
197		2017	21,465,836,784	921,240,988,517	0.023
198		2018	561,159,000,000	6,035,844,000,000	0.093
199	TCID	2014	175,828,646,432	1,863,679,637,324	0.094
200		2015	544,474,278,014	2,062,096,846,703	0.264
201		2016	162,059,596,347	2,185,101,038,101	0.074
202		2017	179,126,382,068	2,361,807,189,430	0.076
203		2018	173,049,442,756	2,445,143,511,801	0.071

204	TOTO	2014	295,861,032,723	2,062,386,924,390	0.143
205		2017	278,935,804,544	2,826,490,815,501	0.099
206	TRIS	2014	36,522,815,125	521,920,090,728	0.07
207		2015	37,448,445,764	574,346,433,075	0.065
208		2016	1,021,637,915	639,701,164,511	0.002
209		2017	14,198,889,550	544,968,319,987	0.359
210		2018	19,665,074,694	633,014,281,325	0.031
211	TRST	2014	30,256,039,162	3,261,285,495,052	0.009
212		2015	25,314,103,403	3,357,359,499,954	0.008
213		2016	33,794,866,940	3,290,596,224,286	0.01
214		2017	38,199,681,742	3,332,905,936,010	0.011
215	TSPC	2014	585,790,816,012	5,609,556,653,195	0.104
216		2015	529,218,651,807	6,284,729,099,203	0.084
217		2016	545,493,536,262	6,585,807,349,438	0.083
218		2017	557,339,581,996	7,434,900,309,021	0.075
219	ULTJ	2014	283,360,914,211	2,917,083,567,355	0.097
220		2017	711,681,000,000	5,186,940,000,000	0.137
221		2018	701,607,000,000	5,555,871,000,000	0.126
222	WIIM	2014	112,673,763,260	1,334,544,790,387	0.084
223		2015	131,081,111,587	1,342,700,045,391	0.098
224		2016	106,290,306,868	1,353,634,132,275	0.079
225		2017	40,589,790,851	1,225,712,093,041	0.033
226	WSBP	2017	1,000,330,150,510	14,919,548,673,755	0.067
227		2018	1,103,472,788,182	15,222,388,589,814	0.072
228	WTON	2014	323,707,615,317	3,802,658,881,174	0.085
229		2015	171,784,021,770	4,456,097,502,805	0.039
230		2017	340,458,859,391	7,067,976,095,043	0.048
231		2018	486,640,174,453	8,881,778,299,672	0.055
232	VOKS	2017	166,204,959,339	2,110,166,496,595	0.079

## Lampiran 4:

Hasil Input Data Likuiditas – CR (*Current Ratio*)

NO	KODE	TAHUN	AKTIVA LANCAR	HUTANG LANCAR	CR
1	AISA	2014	3,977,086,000,000	1,493,308,000,000	2.663
2	AKPI	2014	920,128,174,000	812,876,509,000	1.132
3		2015	1,015,820,277,000	985,625,515,000	1.031

4		2016	870,146,141,000	770,887,902,000	1.129
5		2017	1,003,030,428,000	961,284,302,000	5.822
6	ALDO	2014	245,345,790,174	184,602,687,438	1.329
7		2018	373,344,346,111	231,453,796,427	1.613
8	AMFG	2014	2,263,728,000,000	398,238,000,000	5.684
9		2015	2,231,181,000,000	479,376,000,000	4.654
10		2016	1,787,723,000,000	885,086,000,000	2.02
11		2017	2,003,321,000,000	996,903,000,000	2.01
12		2018	2,208,918,000,000	1,738,904,000,000	6.567
13	AMIN	2016	198,101,001,850	89,715,515,949	2.208
14	ARNA	2015	509,178,006,986	498,857,920,866	1.021
15		2016	642,892,045,913	476,631,150,852	1.349
16		2017	740,190,524,246	455,152,838,360	1.626
17		2018	827,587,984,112	476,647,908,156	1.736
18	ASII	2014	97,241,000,000,000	74,241,000,000,000	1.31
19		2015	105,161,000,000,000	76,242,000,000,000	1.379
20		2016	110,403,000,000,000	89,079,000,000,000	1.239
21		2017	121,293,000,000,000	98,722,000,000,000	1.229
22		2018	17,120,000,000	19,005,000,000	0.901
23	AUTO	2014	5,138,080,000,000	3,857,809,000,000	1.332
24		2015	4,796,770,000,000	3,625,907,000,000	1.323
25		2016	4,804,957,000,000	3,187,491,000,000	1.507
26		2017	5,228,541,000,000	3,041,502,000,000	1.719
27		2018	6,013,683,000,000	4,066,699,000,000	1.479
28	BATA	2014	490,875,888,000	316,233,635,000	1.552
29		2015	521,210,881,000	210,931,517,000	2.471
30		2016	533,900,133,000	207,734,690,000	2.57
31		2017	567,954,415,000	230,497,528,000	2.464
32	BELL	2018	342,554,523,490	218,191,271,919	1.57
33	BOLT	2015	486,854,779,901	110,875,174,192	4.391
34		2016	495,059,194,797	64,455,224,010	1.27
35		2017	540,253,003,059	172,769,473,994	3.127
36		2018	633,450,427,483	352,222,592,938	1.798
37	BUDI	2017	1,027,489,000,000	1,019,986,000,000	1.007
38		2018	1,472,140,000,000	1,467,508,000,000	1.003
39	BTON	2015	36,555,010,564	31,337,185,002	1.167
40	CEKA	2014	1,053,321,371,198	718,681,070,349	1.466
41		2017	988,479,957,549	444,383,077,820	2.224



42		2018	809,166,450,672	158,255,592,250	5.113
43	CINT	2015	204,898,872,797	58,865,969,544	3.481
44		2016	195,009,437,765	61,704,877,496	3.16
45		2017	210,584,866,561	66,014,779,104	3.19
46	CPIN	2014	10,009,670,000,000	4,467,242,000,000	2.241
47		2015	2,013,294,000,000	5,703,842,000,000	0.353
48		2016	12,059,433,000,000	5,550,257,000,000	2.173
49		2017	11,720,730,000,000	5,059,552,000,000	2.317
50		2018	14,097,959,000,000	4,732,868,000,000	2.979
51	DLTA	2016	1,048,133,697,000	137,842,096,000	7.604
52		2017	1,206,576,189,000	139,684,908,000	8.638
53		2018	1,258,724,413,000	172,857,916,000	7.282
54	DPNS	2018	192,296,998,181	24,857,084,132	7.736
55	DVLA	2014	925,293,721,000	188,297,347,000	4.914
56		2015	1,043,830,034,000	296,298,118,000	3.523
57		2016	1,068,967,094,000	374,427,510,000	2.855
58		2017	1,175,655,601	441,622,865,000	0.003
59	EKAD	2014	296,439,331,922	127,248,837,925	2.33
60		2015	284,055,202,739	79,594,446,891	3.569
61		2017	413,617,087,456	91,524,721,725	4.519
62		2018	461,472,621,715	91,381,683,504	5.05
63	FASW	2016	2,167,035,553,599	2,015,616,872,848	1.075
64		2017	2,784,006,841,253	3,753,070,066,277	0.742
65		2018	3,530,218,883,678	3,010,538,868,185	1.173
66	GGRM	2014	38,532,600,000,000	23,783,134,000,000	1.62
67		2015	42,568,431,000,000	24,045,086,000,000	1.77
68		2016	41,933,173,000,000	21,638,565,000,000	1.938
69		2018	45,284,719,000,000	22,003,567,000,000	2.058
70	GJTL	2014	6,283,252,000,000	3,116,223,000,000	2.016
71		2017	7,168,378,000,000	4,397,957,000,000	1.63
72	HMSP	2014	20,777,514,000,000	13,600,230,000,000	1.528
73		2015	29,807,330,000,000	4,538,674,000,000	0.003
74		2018	37,831,483,000,000	8,793,999,000,000	4.302
75	HOKI	2018	490,747,589,782	183,224,424,681	2.678
76	ICBP	2014	13,621,918,000,000	6,208,146,000,000	2.194
77		2015	13,961,500,000,000	6,002,344,000,000	2.326
78		2016	15,571,362,000,000	6,469,785,000,000	2.407
79		2017	16,579,331,000,000	6,927,588,000,000	2.393

80		2018	14,121,568,000,000	7,235,398,000,000	1.952
81	IGAR	2014	302,146,092,589	73,319,694,812	4.121
82		2016	363,004,314,204	62,350,881,953	0.353
83		2017	396,252,892,753	60,941,267,200	1.705
84	IMPC	2016	1,261,952,056,094	334,534,009,282	3.772
85		2018	1,220,137,554,014	342,328,901,816	3.564
86	INCI	2016	118,743,367,562	20,420,038,273	1.81
87		2018	191,492,982,970	63,071,077,029	1.066
88	INDF	2014	41,014,127,000,000	22,658,835,000,000	5.815
89		2015	42,816,745,000,000	25,107,538,000,000	8.089
90		2016	15,571,362,000,000	6,469,785,000,000	2.407
91		2017	32,515,399,000,000	21,637,763,000,000	1.503
92		2018	33,272,618,000,000	31,204,102,000,000	1.066
93	INDS	2014	975,954,232,621	335,123,443,361	2.912
94		2017	1,044,177,985,635	203,724,817,070	1.302
95		2018	1,134,664,034,610	217,729,909,744	1.289
96	INTP	2014	16,087,370,000,000	3,260,559,000,000	4.934
97		2015	13,133,854,000,000	2,687,743,000,000	4.887
98		2016	14,424,622,000,000	3,187,742,000,000	1.81
99		2017	12,883,074,000,000	3,479,024,000,000	3.703
100		2018	12,315,796,000,000	3,925,649,000,000	3.137
101	ISSP	2016	3,277,978,000,000	2,827,200,000,000	1.159
102	JECC	2016	1,131,735,197,000	992,544,784,000	1.14
103		2018	1,415,578,044,000	1,288,252,935,000	1.099
104	JPFA	2014	8,709,318,000,000	4,916,448,000,000	1.771
105		2016	11,061,008,000,000	5,193,549,000,000	2.13
106		2017	11,189,325,000,000	4,769,640,000,000	2.346
107		2018	12,415,809,000,000	6,904,477,000,000	1.798
108	KAEF	2014	2,040,430,857,906	854,811,681,427	2.387
109		2015	2,100,921,793,619	1,088,431,346,892	1.93
110		2016	2,906,737,458,288	1,696,208,867,581	1.714
111		2017	3,662,090,215,984	2,369,507,448,768	1.546
112		2018	5,369,546,726,061	3,774,304,481,466	1.423
113	KBLI	2014	851,745,555,700	256,060,417,655	3.326
114		2016	1,223,453,184,817	358,715,994,083	3.411
115		2017	1,843,100,256,808	933,490,170,009	1.974
116		2018	2,173,538,859,435	882,122,694,126	2.464
117	KBLM	2015	362,277,745,626	342,643,691,341	1.057

118		2016	394,738,153,988	303,264,273,023	1.302
119	KIAS	2014	309,826,518,000,000	240,283,215,000,000	1.289
120	KINO	2016	1,876,157,549,127	1,220,778,246,218	1.537
121		2017	1,795,404,979,854	1,085,566,305,465	1.654
122		2018	1,975,979,249,304	1,316,323,262,100	1.501
123	KLBF	2014	8,120,805,370,192	2,385,920,172,489	3.404
124		2015	8,748,491,608,702	2,365,880,490,863	3.698
125		2016	9,572,529,767,897	2,317,161,787,100	4.131
126		2017	10,043,950,500,578	2,227,336,011,715	4.509
127		2018	10,648,288,386,726	2,286,167,471,594	4.658
128	KMTR	2017	2,207,392,472,857	302,411,734,607	7.299
129	KRAH	2014	386,280,337,452	261,027,989,073	1.48
130	LION	2014	487,363,953,548	132,155,047,281	7.604
131		2015	508,345,199,844	133,693,524,978	6.502
132		2016	542,813,854,009	152,533,565,561	3.559
133		2017	503,156,333,673	153,806,819,548	3.271
134	LMSH	2014	103,238,666,138	19,357,303,490	5.333
135		2015	89,126,109,044	11,018,274,023	1.705
136		2016	98,274,709,046	35,476,763,264	2.77
137		2017	89,570,023,525	20,918,453,456	4.282
138	MAIN	2017	1,695,042,774,000	1,865,529,073,000	4.201
139		2018	1,882,512,184,000	1,150,319,584,000	1.637
140	MARK	2018	162,149,436,873	73,075,412,445	2.219
141	MERK	2014	595,338,719,000	129,820,145,000	4.586
142		2015	483,679,971,000	132,435,895,000	3.652
143		2016	508,615,377,000	120,622,129,000	4.217
144		2017	569,889,512,000	184,971,088,000	3.081
145	MLBI	2015	709,955,000,000	1,215,227,000,000	0.584
146		2016	901,258,000,000	1,326,261,000,000	0.68
147		2017	1,076,845,000,000	1,304,114,000,000	0.826
148		2018	1,228,961,000,000	1,578,919,000,000	0.778
149	MYOR	2016	8,739,782,750,141	3,884,051,319,005	2.25
150		2017	10,674,199,571,313	4,473,628,322,956	2.386
151		2018	12,647,858,727,872	4,764,510,387,113	2.655
152	PBID	2018	1,689,893,416,000	708,309,176,000	2.386
153	PICO	2017	487,491,234,444	323,802,228,719	1.506
154		2018	508,708,851,191	411,184,672,224	1.237
155	PYFA	2017	78,364,312,306	22,245,115,479	3.523

156	RICY	2014	845,372,465,085	636,410,615,756	1.328
157		2016	943,936,823,539	821,755,111,705	1.149
158		2017	1,037,820,994,280	873,224,844,013	1.188
159	ROTI	2014	420,316,388,535	307,608,669,233	1.366
160		2016	949,414,338,057	320,501,824,382	2.962
161		2017	2,319,937,439,019	1,027,176,531,240	2.259
162		2018	1,876,409,299,238	525,422,150,049	3.571
163	SCCO	2014	1,293,776,722,303	1,043,362,648,524	1.24
164		2016	2,019,188,845,621	1,195,158,412,670	1.689
165		2017	2,171,012,758,933	1,246,236,997,513	1.742
166		2018	2,310,899,967,253	1,211,478,289,822	1.908
167	SIDO	2017	1,628,901,000,000	208,507,000,000	2.868
168		2018	1,547,666,000,000	368,380,000,000	2.259
169	SKBM	2014	379,496,707,512	256,924,179,534	1.477
170	SKLT	2014	167,419,411,740	141,425,302,224	1.184
171		2015	189,758,915,421	159,132,842,277	1.192
172		2016	222,686,872,602	169,302,583,936	1.315
173		2017	267,129,479,669	211,493,160,519	1.263
174		2018	356,735,670,030	291,349,105,535	1.224
175	SMBR	2015	1,938,566,969,000	255,994,894,000	1.477
176		2016	838,232,034,000	292,237,689,000	2.868
177		2017	1,123,602,449,000	668,827,967,000	1.68
178		2018	1,358,329,865,000	636,408,215,000	2.134
179	SMCB	2014	2,266,189,000,000	3,807,545,000,000	4.201
180		2015	2,581,774,000,000	3,957,441,000,000	4.217
181	SMGR	2014	11,648,544,675,000	5,271,929,548,000	2.21
182		2015	10,538,703,910,000	6,599,189,622,000	1.597
183		2016	10,373,158,827,000	8,151,673,428,000	1.273
184		2017	13,801,818,533,000	8,803,577,054,000	1.568
185		2018	16,007,685,627,000	8,202,837,599,000	1.951
186	SMSM	2014	1,133,730,000,000	536,800,000,000	2.112
187		2015	1,368,558,000,000	571,712,000,000	2.394
188		2016	1,454,387,000,000	508,482,000,000	2.86
189		2017	1,570,110,000,000	419,913,000,000	3.739
190		2018	1,853,782,000,000	470,116,000,000	3.943
191	SQBB	2014	366,091,435,000	83,717,824,000	0.652
192		2015	365,466,619,000	102,270,152,000	3.574
193		2016	384,080,541,000	113,998,435,000	3.369

194	TALF	2014	302,876,053,830	82,021,759,414	3.693
195		2015	306,262,234,000	69,980,726,732	4.376
196		2016	325,494,162,443	111,360,300,869	2.923
197		2017	351,255,636,607	127,673,269,661	2.751
198		2018	2,381,375,000,000	1,641,842,000,000	1.45
199	TCID	2014	874,017,000,000	486,054,000,000	1.798
200		2015	1,112,673,000,000	222,931,000,000	4.991
201		2016	1,174,482,404,487	223,305,151,868	5.26
202		2017	1,276,478,591,542	259,806,845,843	4.913
203		2018	1,333,428,311,186	231,533,842,787	5.759
204	TOTO	2014	1,115,004,308,039	528,814,814,904	2.108
205		2017	1,316,631,634,008	573,582,902,438	2.295
206	TRIS	2014	387,852,596,236	191,709,343,326	2.023
207		2015	428,277,334,914	226,897,001,062	1.888
208		2016	462,578,104,758	281,765,921,952	4.217
209		2017	356,846,493,425	185,606,885,071	7.681
210		2018	439,825,803,141	273,186,011,900	1.61
211	TRST	2014	1,182,292,914,595	955,175,792,503	1.238
212		2015	1,137,766,718,031	869,536,723,928	1.308
213		2016	1,179,999,891,768	909,779,313,844	1.297
214		2017	1,189,727,024,906	968,421,072,104	1.229
215	TSPC	2014	3,714,700,991,066	1,237,332,206,210	3.002
216		2015	4,304,922,144,352	1,696,486,657,073	2.538
217		2016	4,385,083,916,291	1,653,413,220,121	2.652
218		2017	5,049,363,864,387	2,002,621,403,597	2.521
219	ULTJ	2014	1,642,101,746,819	490,967,089,226	3.345
220		2017	3,439,990,000,000	820,625,000,000	4.192
221		2018	2,793,521,000,000	635,161,000,000	1.238
222	WIIM	2014	999,717,333,649	439,445,908,771	2.275
223		2015	988,814,005,395	341,705,551,602	2.894
224		2016	996,925,071,640	362,540,740,471	2.75
225		2017	861,172,306,233	160,790,695,868	5.356
226	WSBP	2017	11,574,944,658,940	7,593,431,366,806	1.524
227		2018	10,236,132,156,003	7,327,262,600,178	1.397
228	WTON	2014	2,127,364,977,540	1,509,857,417,050	1.409
229		2015	2,454,908,917,918	1,793,464,704,364	1.369
230		2017	4,351,377,174,399	4,216,314,368,712	1.032
231		2018	5,870,714,397,037	5,248,086,459,534	1.119

232	VOKS	2017	1,667,656,034,897	1,260,868,218,485	1.323
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## Lampiran 5:

Hasil Input Data Leverage – DER (*Debt to Equity Ratio*)

NO	KODE	TAHUN	TOTAL HUTANG	TOTAL EKUITAS	DER
1	AISA	2014	3,779,017,000,000	3,592,829,000,000	1.052
2	AKPI	2014	1,195,437,301,000	1,031,605,289,000	1.159
3		2015	1,775,577,239,000	1,107,565,893,000	1.603
4		2016	1,495,874,021,000	1,120,035,169,000	1.336
5		2017	1,618,713,342,000	1,126,612,491,000	1.437
6	ALDO	2014	197,391,610,046	159,422,655,622	1.238
7		2018	254,539,097,693	271,590,217,470	0.937
8	AMFG	2014	844,685,000,000	3,101,440,000,000	0.272
9		2015	880,052,000,000	3,390,223,000,000	0.26
10		2016	1,905,626,000,000	3,599,264,000,000	0.529
11		2017	2,718,939,000,000	3,548,877,000,000	0.766
12		2018	4,835,966,000,000	3,596,666,000,000	1.345
13	AMIN	2016	101,086,129,009	151,366,178,112	0.668
14	ARNA	2015	536,050,998,398	894,728,477,056	0.599
15		2016	595,128,097,887	948,088,201,259	0.628
16		2017	571,946,769,034	1,029,399,792,539	0.556
17		2018	556,309,556,626	1,096,596,429,104	0.507
18	ASII	2014	115,840,000,000,000	120,187,000,000,000	0.964
19		2015	118,902,000,000,000	126,533,000,000,000	0.94
20		2016	121,949,000,000,000	139,906,000,000,000	0.872
21		2017	139,317,000,000,000	156,329,000,000,000	0.891
22		2018	170,348,000,000,000	174,363,000,000,000	0.977
23	AUTO	2014	4,244,862,000,000	10,142,706,000,000	0.419
24		2015	4,195,684,000,000	10,143,426,000,000	0.414
25		2016	4,045,927,000,000	11,589,536,000,000	0.349
26		2017	4,003,233,000,000	10,759,076,000,000	0.372
27		2018	4,626,013,000,000	11,263,635,000,000	0.411
28	BATA	2014	349,293,491,000	425,597,596,000	0.821
29		2015	248,070,766,000	547,187,208,000	0.453
30		2016	247,587,638,000	557,155,279,000	0.444
31		2017	276,382,503,000	579,308,728,000	0.477

32	BELL	2018	254,764,081,931	260,198,089,842	0.979
33	BOLT	2015	158,088,154,192	760,529,199,078	0.208
34		2016	123,816,707,010	814,324,980,352	0.152
35		2017	468,122,101,794	720,676,693,568	0.65
36		2018	574,341,524,938	738,035,474,182	0.778
37	BUDI	2017	1,744,756,000,000	1,194,700,000,000	1.46
38		2018	2,166,496,000,000	1,226,484,000,000	1.766
39	BTON	2015	34,011,648,533	49,104,596,755	0.693
40	CEKA	2014	746,598,865,219	537,551,172,122	1.389
41		2017	489,592,257,434	903,044,187,067	0.542
42		2018	192,308,466,864	976,647,575,842	0.197
43	CINT	2015	67,734,182,851	315,073,311,914	0.215
44		2016	72,906,787,680	326,429,838,956	0.223
45		2017	94,304,081,659	382,273,759,946	0.247
46	CPIN	2014	9,836,577,000,000	11,005,218,000,000	0.894
47		2015	12,123,488,000,000	12,561,427,000,000	0.965
48		2016	10,047,751,000,000	14,157,243,000,000	0.71
49		2017	8,819,768,000,000	15,702,825,000,000	0.562
50		2018	8,253,944,000,000	19,391,174,000,000	0.426
51	DLTA	2016	185,422,642,000	1,012,374,008,000	0.183
52		2017	196,197,372,000	1,144,645,393,000	0.171
53		2018	224,688,739,000	1,175,401,340,000	0.191
54	DPNS	2018	44,476,413,260	277,708,599,001	0.16
55	DVLA	2014	293,785,055,000	947,454,725,000	0.31
56		2015	402,760,903,000	973,517,334,000	0.414
57		2016	451,785,946,000	1,079,579,612,000	0.418
58		2017	524,586,078,000	1,116,300,069,000	0.47
59	EKAD	2014	143,820,128,736	267,906,054,012	0.537
60		2015	97,730,178,889	291,961,416,611	0.335
61		2017	133,949,920,707	662,817,725,465	0.202
62		2018	128,684,953,153	724,582,501,247	0.178
63	FASW	2016	5,424,781,372,865	3,158,442,463,132	1.718
64		2017	3,288,317,572,389	6,081,574,204,386	0.541
65		2018	6,676,781,411,219	4,288,337,297,565	1.557
66	GGRM	2014	25,099,875,000,000	33,134,403,000,000	0.758
67		2015	25,497,504,000,000	38,007,909,000,000	0.671
68		2016	23,387,406,000,000	39,564,228,000,000	0.591
69		2018	23,963,934,000,000	45,133,285,000,000	0.531

70	GJTL	2014	10,485,032,000,000	5,637,004,000,000	1.86
71		2017	12,501,710,000,000	5,689,466,000,000	2.197
72	HMSP	2014	14,882,516,000,000	13,498,114,000,000	1.103
73		2015	5,994,664,000,000	32,016,060,000,000	0.187
74		2018	11,244,167,000,000	35,358,253,000,000	0.318
75	HOKI	2018	195,678,977,792	563,167,578,239	0.347
76	ICBP	2014	10,445,187,000,000	14,584,301,000,000	0.716
77		2015	10,173,713,000,000	16,386,911,000,000	0.621
78		2016	10,401,125,000,000	18,500,823,000,000	0.562
79		2017	11,295,184,000,000	20,324,330,000,000	0.556
80		2018	11,660,003,000,000	22,707,150,000,000	0.513
81	IGAR	2014	86,443,556,430	263,451,227,145	0.328
82		2016	65,716,637,766	238,845,392,616	0.275
83		2017	71,075,842,431	441,946,749,143	0.161
84	IMPC	2016	1,050,386,739,011	1,225,645,183,071	0.857
85		2018	997,975,486,781	1,372,223,331,022	0.727
86	INCI	2016	26,524,918,593	242,826,462,751	0.109
87		2018	71,410,278,158	319,952,419,798	0.223
88	INDF	2014	45,803,053,000,000	40,274,198,000,000	0.421
89		2015	48,709,933,000,000	43,121,593,000,000	0.406
90		2016	38,233,092,000,000	43,941,423,000,000	0.87
91		2017	41,182,764,000,000	46,756,724,000,000	0.881
92		2018	46,620,996,000,000	49,916,800,000,000	0.934
93	INDS	2014	459,998,606,660	1,822,667,471,833	0.252
94		2017	289,798,419,319	2,144,818,918,530	0.135
95		2018	288,105,732,114	2,194,231,835,853	0.131
96	INTP	2014	4,307,622,000,000	24,577,010,000,000	0.175
97		2015	3,772,410,000,000	23,865,950,000,000	0.158
98		2016	4,011,877,000,000	26,138,703,000,000	0.153
99		2017	4,307,169,000,000	24,556,507,000,000	0.175
100		2018	4,566,973,000,000	23,221,589,000,000	0.197
101	ISSP	2016	3,396,754,000,000	2,645,057,000,000	1.284
102	JECC	2016	1,116,872,234,000	470,338,342,000	2.375
103		2018	1,472,379,829,000	609,241,164,000	2.417
104	JPFA	2014	10,579,414,000,000	5,179,545,000,000	2.043
105		2016	9,878,062,000,000	9,372,964,000,000	1.054
106		2017	11,293,242,000,000	9,795,628,000,000	1.153
107		2018	12,823,219,000,000	10,214,809,000,000	1.255



108	KAEF	2014	1,157,040,676,384	1,811,143,949,913	0.639
109		2015	1,374,127,253,841	1,862,096,822,470	0.738
110		2016	2,341,155,131,870	2,271,407,409,194	1.031
111		2017	3,523,628,217,406	2,572,520,755,127	1.37
112		2018	6,103,967,587,830	3,356,459,729,851	1.819
113	KBLI	2014	414,243,649,000	940,756,718,451	0.44
114		2016	550,076,575,595	1,321,345,840,449	0.416
115		2017	1,227,014,231,702	1,786,746,385,283	0.687
116		2018	1,213,840,888,147	2,030,980,758,929	0.598
117	KBLM	2015	357,910,337,055	296,475,380,006	1.207
118		2016	318,436,089,653	320,655,277,264	0.993
119	KIAS	2014	249,534,000,000	2,018,713,000,000	0.124
120	KINO	2016	1,332,431,950,729	1,952,072,473,629	0.683
121		2017	1,182,424,339,165	2,055,170,880,109	0.575
122		2018	1,405,264,079,012	2,186,900,126,396	0.643
123	KLBF	2014	2,607,556,689,283	9,817,475,678,446	0.266
124		2015	2,758,131,396,170	10,938,285,985,269	0.252
125		2016	2,762,162,069,572	12,463,847,141,085	0.222
126		2017	2,722,207,633,646	13,894,031,782,689	0.196
127		2018	2,851,611,349,015	15,294,594,796,354	0.186
128	KMTR	2017	1,972,580,646,799	1,584,274,862,682	1.245
129	KRAH	2014	292,564,821,530	186,675,690,669	1.567
130	LION	2014	179,232,241,844	425,933,669,395	0.421
131		2015	184,730,654,202	454,599,496,171	0.406
132		2016	215,209,902,816	470,603,093,171	0.457
133		2017	229,630,859,719	452,307,088,017	0.508
134	LMSH	2014	28,441,933,937	112,593,050,691	0.253
135		2015	21,341,373,897	112,441,377,144	0.19
136		2016	45,511,700,128	117,316,469,122	2.375
137		2017	31,541,423,763	129,622,003,077	0.19
138	MAIN	2017	2,371,092,779,000	1,701,152,698,000	1.394
139		2018	2,344,198,361,000	1,896,646,094,000	1.236
140	MARK	2018	80,342,456,509	237,737,869,956	0.338
141	MERK	2014	166,811,511,000	544,244,319,000	0.307
142		2015	168,103,536,000	473,543,282,000	0.355
143		2016	161,262,425,000	582,672,469,000	0.277
144		2017	231,569,103,000	615,437,441,000	0.376
145	MLBI	2015	1,334,373,000,000	766,480,000,000	1.741

146		2016	1,454,398,000,000	820,640,000,000	1.772
147		2017	1,445,173,000,000	1,064,905,000,000	1.357
148		2018	1,721,965,000,000	1,167,536,000,000	1.475
149	MYOR	2016	6,657,165,872,077	6,265,255,987,065	1.063
150		2017	7,561,503,434,179	7,354,346,366,072	1.028
151		2018	9,049,161,944,940	8,542,544,481,694	1.059
152	PBID	2018	751,597,581,000	1,544,137,386,000	0.487
153	PICO	2017	440,555,207,507	279,683,750,237	1.575
154		2018	553,371,264,957	299,561,177,628	1.847
155	PYFA	2017	50,707,930,330	108,856,000,711	0.466
156	RICY	2014	781,749,249,068	390,263,218,936	2.003
157		2016	876,184,855,001	412,499,070,065	2.124
158		2017	944,179,416,586	430,265,371,696	2.194
159	ROTI	2014	1,189,311,196,709	953,583,079,507	1.247
160		2016	1,476,889,086,692	1,442,751,772,026	1.024
161		2017	1,739,467,993,982	2,820,105,715,429	0.617
162		2018	1,476,909,260,772	2,916,901,120,111	0.506
163	SCCO	2014	846,052,863,354	809,954,326,656	1.045
164		2016	1,229,514,818,362	1,220,420,673,224	1.007
165		2017	1,286,017,105,712	2,728,227,483,994	0.471
166		2018	1,254,447,340,790	2,910,749,138,067	0.431
167	SIDO	2017	262,333,000,000	2,895,865,000,000	0.091
168		2018	1,254,447,340,790	2,910,749,138,067	0.431
169	SKBM	2014	345,361,448,340	307,615,062,279	1.123
170	SKLT	2014	199,636,573,747	137,295,765,073	1.454
171		2015	225,066,080,248	377,110,748,359	0.597
172		2016	272,088,644,079	296,151,295,872	0.919
173		2017	328,714,435,982	307,569,774,228	1.069
174		2018	408,000,000,000	339,000,000,000	1.204
175	SMBR	2015	319,315,349,000	2,949,352,584,000	0.108
176		2016	1,248,119,294,000	3,120,757,702,000	0.4
177		2017	1,647,477,388,000	3,412,859,859,000	0.483
178		2018	2,064,408,447,000	2,064,408,447,000	1
179	SMCB	2014	8,617,335,000,000	8,581,969,000,000	1.004
180		2015	8,871,708,000,000	8,449,857,000,000	0.173
181	SMGR	2014	9,326,744,733,000	25,004,930,004,000	0.373
182		2015	10,712,320,531,000	27,440,798,401,000	0.39
183		2016	13,652,504,525,000	30,574,391,457,000	0.447

184		2017	18,524,450,664,000	30,439,052,302,000	0.609
185		2018	18,419,594,705,000	32,736,295,522,000	0.563
186	SMSM	2014	635,514,000,000	1,122,120,000,000	0.566
187		2015	779,860,000,000	1,440,248,000,000	0.541
188		2016	674,685,000,000	1,580,055,000,000	0.427
189		2017	615,157,000,000	1,828,184,000,000	0.336
190		2018	650,926,000,000	2,150,277,000,000	0.303
191	SQBB	2014	90,473,777,000	368,878,943,000	1.576
192		2015	109,974,035,000	354,053,487,000	0.311
193		2016	124,404,091,000	354,829,699,000	0.351
194	TALF	2014	114,720,263,088	319,255,099,752	0.359
195		2015	84,008,353,472	350,202,023,192	0.24
196		2016	129,777,537,129	751,895,484,830	0.173
197		2017	155,076,156,734	766,164,831,783	0.202
198		2018	2,480,929,000,000	3,554,915,000,000	0.698
199	TCID	2014	611,509,000,000	387,963,000,000	0.245
200		2015	367,226,000,000	889,742,000,000	0.413
201		2016	401,942,530,776	1,783,158,507,325	0.225
202		2017	503,480,853,006	1,858,326,336,424	0.271
203		2018	472,680,346,662	1,972,463,165,139	0.24
204	TOTO	2014	936,489,293,896	1,125,897,630,494	0.832
205		2017	1,132,699,218,954	1,693,791,596,547	0.669
206	TRIS	2014	213,369,013,290	308,551,077,438	0.692
207		2015	245,138,356,170	329,208,076,905	0.745
208		2016	293,073,984,034	346,627,180,477	0.846
209		2017	188,736,733,204	356,231,586,783	0.53
210		2018	276,789,437,348	356,224,843,978	0.777
211	TRST	2014	1,504,845,098,173	1,756,440,396,879	0.857
212		2015	1,400,438,809,900	1,956,920,690,054	0.716
213		2016	1,358,241,040,272	1,932,355,184,014	0.703
214		2017	1,357,336,438,524	1,975,569,497,486	0.687
215	TSPC	2014	1,527,428,955,386	4,082,127,697,809	0.374
216		2015	1,947,588,124,083	4,337,140,975,120	0.449
217		2016	1,950,534,206,746	4,635,273,142,692	0.421
218		2017	2,352,891,899,876	5,082,008,409,145	0.463
219	ULTJ	2014	651,985,807,625	2,265,097,759,730	0.288
220		2017	978,185,000,000	4,208,755,000,000	0.232
221		2018	780,915,000,000	4,774,956,000,000	0.164

222	WIIM	2014	488,154,387,359	846,390,403,028	0.577
223		2015	398,991,064,485	943,708,980,906	0.423
224		2016	362,540,740,471	991,093,391,804	0.366
225		2017	247,620,731,930	978,091,361,111	0.253
226	WSBP	2017	7,602,892,583,336	7,316,656,090,419	1.039
227		2018	7,340,075,399,350	7,882,313,190,464	0.931
228	WTON	2014	1,600,067,025,551	2,202,591,855,623	0.726
229		2015	2,192,672,341,480	2,263,425,161,325	0.969
230		2017	4,320,040,760,958	2,747,935,334,085	1.572
231		2018	5,744,966,289,467	3,136,812,010,205	1.831
232	VOKS	2017	1,296,044,190,202	814,122,306,393	1.592

## Lampiran 6:

Hasil Input Data Kesempatan Investasi – IOS (*Investment Opportunity Set*)

## 1) MBVA

NO	KODE	TAHUN	TOTAL ASET	TOTAL EKUITAS	SAHAM BEREDAR	CLOSING PRICE	MBVA
1	AISA	2014	7,371,846,000,000	3,592,829,000,000	3,218,600,000	2,095	1.427
2	AKPI	2014	2,227,042,590,000	1,031,605,289,000	680,000,000	830	0.790
3		2015	2,883,143,132,000	1,107,565,893,000	680,000,000	875	0.822
4		2016	2,615,909,190,000	1,120,035,169,000	680,000,000	900	0.806
5		2017	2,745,325,833,000	1,126,612,491,000	680,000,000	725	0.769
6	ALDO	2014	356,814,265,668	159,422,655,622	550,000,000	735	1.686
7		2018	526,129,315,163	271,590,217,470	550,000,000	600	1.111
8	AMFG	2014	3,946,125,000,000	3,101,440,000,000	434,000,000	8,050	1.099
9		2015	4,270,275,000,000	3,390,223,000,000	434,000,000	6,550	0.872
10		2016	5,504,890,000,000	3,599,264,000,000	434,000,000	6,700	0.874
11		2017	6,267,816,000,000	3,548,877,000,000	434,000,000	6,025	0.851
12		2018	8,432,632,000,000	3,596,666,000,000	434,000,000	3,690	0.763
13	AMIN	2016	252,452,307,121	151,366,178,112	1,080,000,000	274	1.573
14	ARNA	2015	1,430,779,475,454	894,728,477,056	7,341,430,976	500	2.940
15		2016	1,543,216,299,146	948,088,201,259	7,341,430,976	520	2.859
16		2017	1,601,346,561,573	1,029,399,792,539	7,341,430,976	342	1.925
17		2018	1,652,905,985,730	1,096,596,429,104	7,341,430,976	420	2.202
18	ASII	2014	236,027,000,000,000	120,187,000,000,000	40,483,553,140	7,425	1.764
19		2015	245,435,000,000,000	126,533,000,000,000	40,483,553,140	6,000	1.474

20		2016	261,855,000,000,000	139,906,000,000,000	40,483,553,140	8,275	1.745
21		2017	296,460,000,000,000	156,329,000,000,000	40,483,553,140	8,300	1.606
22		2018	344,711,000,000,000	174,363,000,000,000	40,483,553,140	8,225	1.460
23	AUTO	2014	14,387,568,000,000	10,142,706,000,000	4,819,733,000	4,200	1.702
24		2015	14,339,110,000,000	10,143,426,000,000	4,819,733,000	1,600	0.830
25		2016	14,593,952,000,000	11,589,536,000,000	4,819,733,000	2,050	0.883
26		2017	14,762,309,000,000	10,759,076,000,000	4,819,733,000	2,060	0.944
27		2018	344,711,000,000,000	11,263,635,000,000	4,819,733,000	1,470	0.988
28	BATA	2014	774,891,087,000	425,597,596,000	1,300,000,000	1,105	2.305
29		2015	795,257,974,000	547,187,208,000	1,300,000,000	900	1.783
30		2016	804,742,917,000	557,155,279,000	1,300,000,000	790	1.584
31		2017	855,691,231,000	579,308,728,000	1,300,000,000	570	1.189
32	BELL	2018	514,962,171,773	260,198,089,842	1,450,000,000	240	1.171
33	BOLT	2015	918,617,353,270	760,529,199,078	2,343,750,000	1,195	3.221
34		2016	938,141,687,362	814,324,980,352	2,343,750,000	805	2.143
35		2017	1,188,798,795,362	720,676,693,568	2,343,750,000	985	2.336
36		2018	1,312,376,999,120	738,035,474,182	2,343,750,000	970	2.170
37	BUDI	2017	2,939,456,000,000	1,194,700,000,000	4,498,997,362	94	0.737
38		2018	3,392,980,000,000	1,226,484,000,000	4,498,997,362	96	0.766
39	BTON	2015	183,116,245,288	49,104,596,755	180,000,000	435	1.159
40	CEKA	2014	1,284,150,037,341	537,551,172,122	297,500,000	750	0.755
41		2017	1,392,636,444,501	903,044,187,067	595,000,000	1,250	0.886
42		2018	1,168,956,042,706	976,647,575,842	595,000,000	1,375	0.864
43	CINT	2015	382,807,494,765	315,073,311,914	1,000,000,000	338	1.060
44		2016	399,336,626,636	326,429,838,956	1,000,000,000	316	0.974
45		2017	476,577,841,605	382,273,759,946	1,000,000,000	334	0.899
46	CPIN	2014	20,862,439,000,000	11,005,218,000,000	16,398,000,000	3,780	3.444
47		2015	24,916,656,000,000	12,561,427,000,000	16,398,000,000	2,600	2.207
48		2016	24,204,994,000,000	14,157,243,000,000	16,398,000,000	3,090	2.508
49		2017	24,522,593,000,000	15,702,825,000,000	16,398,000,000	3,000	2.366
50		2018	27,645,118,000,000	19,391,174,000,000	16,398,000,000	7,225	4.584
51	DLTA	2016	1,197,796,650,000	1,012,374,008,000	800,659,050	5,000	3.497
52		2017	1,340,842,765,000	1,144,645,393,000	800,659,050	4,590	2.887
53		2018	1,400,090,079,000	1,175,401,340,000	800,659,050	5,500	3.306
54	DPNS	2018	322,185,012,261	277,708,599,001	331,129,952	316	0.463
55	DVLA	2014	1,376,278,237,000	947,454,725,000	280,000,000	1,690	0.655
56		2015	1,376,278,237,000	973,517,334,000	280,000,000	1,300	0.557
57		2016	1,531,365,558,000	1,079,579,612,000	280,000,000	1,755	0.616

58		2017	1,640,886,147,000	1,116,300,069,000	280,000,000	1,960	0.654
59	EKAD	2014	411,726,182,748	267,906,054,012	698,775,000	515	1.223
60		2015	389,691,595,500	291,961,416,611	698,775,000	400	0.968
61		2017	796,767,646,172	662,817,725,465	698,775,000	695	0.778
62		2018	853,267,454,400	724,582,501,247	698,775,000	855	0.851
63	FASW	2016	8,503,223,835,997	3,158,442,463,132	2,477,888,787	4,100	1.823
64		2017	9,369,891,776,775	6,081,574,204,386	2,477,888,787	5,400	1.779
65		2018	10,965,118,708,784	4,288,337,297,565	2,477,888,787	7,775	2.366
66	GGRM	2014	58,234,278,000,000	33,134,403,000,000	1,924,088,000	60,700	2.437
67		2015	63,505,413,000,000	38,007,909,000,000	1,924,088,000	55,000	2.068
68		2016	62,951,634,000,000	39,564,228,000,000	1,924,088,000	63,900	2.325
69		2018	69,097,219,000,000	45,133,285,000,000	1,924,088,000	83,625	2.675
70	GJTL	2014	16,122,036,000,000	5,637,004,000,000	3,484,800,000	1,425	0.958
71		2017	18,191,176,000,000	5,689,466,000,000	3,484,800,000	680	0.818
72	HMSP	2014	28,380,630,000,000	13,498,114,000,000	4,383,000,000	68,153	11.050
73		2015	38,010,724,000,000	32,016,060,000,000	4,652,723,076	94,000	11.664
74		2018	46,602,420,000,000	35,358,253,000,000	4,652,720,000	3,710	0.612
75	HOKI	2018	758,846,556,031	563,167,578,239	2,374,834,620	730	2.542
76	ICBP	2014	25,029,488,000,000	14,584,301,000,000	11,661,908,000	13,100	6.521
77		2015	26,560,624,000,000	16,386,911,000,000	11,661,908,000	13,475	6.299
78		2016	28,901,948,000,000	18,500,823,000,000	11,661,908,000	8,575	3.820
79		2017	31,619,514,000,000	20,324,330,000,000	11,661,908,000	8,900	3.640
80		2018	34,367,153,000,000	22,707,150,000,000	11,661,908,000	10,450	3.885
81	IGAR	2014	349,894,783,575	263,451,227,145	972,204,500	315	1.122
82		2016	439,465,673,296	238,845,392,616	972,204,500	520	1.607
83		2017	513,022,591,574	441,946,749,143	972,204,500	378	0.855
84	IMPC	2016	2,276,031,922,082	1,225,645,183,071	4,833,500,000	1,025	2.638
85		2018	2,370,198,817,803	1,372,223,331,022	4,833,500,000	940	2.338
86	INCI	2016	269,351,381,344	242,826,462,751	181,035,556	306	0.304
87		2018	391,362,697,956	319,952,419,798	196,121,237	575	0.471
88	INDF	2014	86,077,251,000,000	40,274,198,000,000	8,780,426,500	6,750	1.221
89		2015	91,831,526,000,000	43,121,593,000,000	11,661,908,000	5,175	1.188
90		2016	82,174,515,000,000	43,941,423,000,000	11,661,908,000	7,925	1.590
91		2017	87,939,488,000,000	46,756,724,000,000	11,661,908,000	7,625	1.479
92		2018	96,537,796,000,000	49,916,800,000,000	11,661,908,000	7,450	1.383
93	INDS	2014	2,282,666,078,493	1,822,667,471,833	656,249,710	1,600	0.662
94		2017	2,434,617,337,849	2,144,818,918,530	656,249,710	1,260	0.459
95		2018	2,482,337,567,967	2,194,231,835,853	656,249,710	2,220	0.703

96	INTP	2014	28,884,635,000,000	24,577,010,000,000	3,681,231,699	25,000	3.335
97		2015	27,638,360,000,000	23,865,950,000,000	3,681,231,699	22,325	3.110
98		2016	30,150,580,000,000	26,138,703,000,000	3,681,231,699	15,400	2.013
99		2017	28,863,676,000,000	24,556,507,000,000	3,681,231,699	21,950	2.949
100		2018	27,788,562,000,000	23,221,589,000,000	3,681,231,699	18,450	2.608
101	ISSP	2016	6,041,811,000,000	2,645,057,000,000	7,185,992,035	210	0.812
102	JECC	2016	1,587,210,576,000	470,338,342,000	75,600,000	3,500	0.870
103		2018	2,081,620,993,000	609,241,164,000	75,600,000	6,650	0.949
104	JPFA	2014	15,758,959,000,000	5,179,545,000,000	10,660,522,910	950	1.314
105		2016	19,251,026,000,000	9,372,964,000,000	11,410,522,910	1,455	1.376
106		2017	21,088,870,000,000	9,795,628,000,000	11,410,522,910	1,300	1.239
107		2018	23,038,028,000,000	10,214,809,000,000	11,726,575,201	2,150	1.651
108	KAEF	2014	2,968,184,626,297	1,811,143,949,913	5,554,000,000	1,465	3.131
109		2015	3,236,224,076,311	1,862,096,822,470	5,554,000,000	870	1.918
110		2016	4,612,562,541,064	2,271,407,409,194	5,554,000,000	2,750	3.819
111		2017	6,096,148,972,533	2,572,520,755,127	5,554,000,000	2,700	3.038
112		2018	9,460,427,317,681	3,356,459,729,851	5,554,000,000	2,600	2.172
113	KBLI	2014	1,340,881,252,563	940,756,718,451	4,007,235,107	139	0.714
114		2016	1,871,422,416,044	1,321,345,840,449	4,007,235,107	276	0.885
115		2017	3,013,760,616,985	1,786,746,385,283	4,007,235,107	426	0.974
116		2018	3,244,821,647,076	2,030,980,758,929	4,007,235,107	302	0.747
117	KBLM	2015	654,385,717,061	296,475,380,006	1,120,000,000	132	0.773
118		2016	639,091,366,917	320,655,277,264	1,120,000,000	240	0.919
119	KIAS	2014	2,268,247,000,000	2,018,713,000,000	14,929,100,000	147	1.078
120	KINO	2016	3,284,504,424,358	1,952,072,473,629	1,428,571,500	3,030	1.724
121		2017	3,237,595,219,274	2,055,170,880,109	1,428,571,500	2,120	1.301
122		2018	3,592,164,205,408	2,186,900,126,396	1,428,571,500	2,800	1.505
123	KLBF	2014	12,425,032,367,729	9,817,475,678,446	46,875,122,110	810	3.266
124		2015	13,696,417,381,439	10,938,285,985,269	46,875,122,110	1,320	4.719
125		2016	15,226,009,210,657	12,463,847,141,085	46,875,122,110	1,515	4.846
126		2017	16,616,239,416,335	13,894,031,782,689	46,875,122,110	1,690	4.931
127		2018	18,146,206,145,369	15,294,594,796,354	46,875,122,110	1,520	4.084
128	KMTR	2017	3,556,855,509,481	1,584,274,862,682	7,682,950,000	462	1.553
129	KRAH	2014	479,240,512,199	186,675,690,669	971,190,000	810	2.252
130	LION	2014	605,165,911,239	425,933,669,395	520,160,000	9,300	8.290
131		2015	639,330,150,373	454,599,496,171	520,160,000	1,050	1.143
132		2016	685,812,995,987	470,603,093,171	520,160,000	1,050	1.110
133		2017	681,937,947,736	452,307,088,017	520,160,000	765	0.920

134	LMSH	2014	141,034,984,628	112,593,050,691	96,000,000	6,450	4.592
135		2015	133,782,751,041	112,441,377,144	96,000,000	575	0.572
136		2016	162,828,169,250	117,316,469,122	96,000,000	590	0.627
137		2017	161,163,426,840	129,622,003,077	96,000,000	640	0.577
138	MAIN	2017	4,072,245,477,000	1,701,152,698,000	2,238,750,000	740	0.989
139		2018	4,335,844,455,000	1,896,646,094,000	2,238,750,000	1,395	1.283
140	MARK	2018	318,080,326,465	237,737,869,956	760,000,062	1,985	4.995
141	MERK	2014	711,055,830,000	544,244,319,000	17,561,517	160,000	4.186
142		2015	641,646,818,000	473,543,282,000	17,561,517	6,775	0.447
143		2016	743,934,894,000	582,672,469,000	17,561,517	9,200	0.434
144		2017	847,006,544,000	615,437,441,000	17,561,517	8,500	0.450
145	MLBI	2015	2,100,853,000,000	766,480,000,000	448,000,000	8,200	2.384
146		2016	2,275,038,000,000	820,640,000,000	448,000,000	11,750	2.953
147		2017	2,510,078,000,000	1,064,905,000,000	448,000,000	13,675	3.016
148		2018	2,889,501,000,000	1,167,536,000,000	448,000,000	16,000	3.077
149	MYOR	2016	12,922,421,859,142	6,265,255,987,065	22,358,699,725	1,645	3.361
150		2017	14,915,849,800,251	7,354,346,366,072	22,358,699,725	2,020	3.535
151		2018	17,591,706,426,634	8,542,544,481,694	22,358,699,725	2,620	3.844
152	PBID	2018	2,295,734,967,000	1,544,137,386,000	1,875,000,000	1,150	1.267
153	PICO	2017	720,238,957,745	279,683,750,237	568,375,000	228	0.792
154		2018	852,932,442,585	299,561,177,628	568,375,000	250	0.815
155	PYFA	2017	159,563,931,041	108,856,000,711	535,080,000	183	0.931
156	RICY	2014	1,172,012,468,004	390,263,218,936	641,717,510	174	0.762
157		2016	1,288,683,925,066	412,499,070,065	641,717,510	154	0.757
158		2017	1,374,444,788,282	430,265,371,696	641,717,510	150	0.757
159	ROTI	2014	2,142,894,276,216	953,583,079,507	5,061,800,000	1,385	3.827
160		2016	2,919,640,858,718	1,442,751,772,026	5,061,800,000	1,600	3.280
161		2017	4,559,573,709,411	2,820,105,715,429	6,186,488,888	1,275	2.111
162		2018	4,393,810,380,883	2,916,901,120,111	6,186,488,888	1,200	2.026
163	SCCO	2014	1,656,007,190,010	809,954,326,656	205,583,400	3,950	1.001
164		2016	2,449,935,491,586	1,220,420,673,224	205,583,400	7,275	1.112
165		2017	4,014,244,589,706	2,728,227,483,994	205,583,400	9,000	0.781
166		2018	4,165,196,478,857	2,910,749,138,067	205,583,400	8,700	0.731
167	SIDO	2017	3,158,198,000,000	2,895,865,000,000	15,000,000,000	545	2.672
168		2018	3,337,628,000,000	2,910,749,138,067	15,000,000,000	840	3.903
169	SKBM	2014	652,976,510,619	307,615,062,279	936,530,894	970	1.920
170	SKLT	2014	336,932,338,819	137,295,765,073	690,740,500	300	1.208
171		2015	377,110,748,359	377,110,748,359	690,740,500	370	0.678



172		2016	568,239,939,951	296,151,295,872	690,740,500	308	0.853
173		2017	636,284,210,210	307,569,774,228	690,740,500	1,100	1.711
174		2018	747,293,725,435	339,000,000,000	690,740,500	1,500	1.933
175	SMBR	2015	3,268,667,933,000	2,949,352,584,000	9,837,678,500	291	0.974
176		2016	4,368,876,996,000	3,120,757,702,000	9,837,678,500	2,790	6.568
177		2017	5,060,337,247,000	3,412,859,859,000	9,924,797,280	3,800	7.778
178		2018	5,538,079,503,000	2,064,408,447,000	9,932,534,340	1,750	3.766
179	SACB	2014	17,199,304,000,000	8,581,969,000,000	7,662,900,000	2,185	1.475
180		2015	17,321,565,000,000	8,449,857,000,000	7,662,900,000	995	0.952
181	SMGR	2014	34,331,674,737,000	25,004,930,004,000	5,931,520,000	16,200	3.071
182		2015	38,153,118,932,000	27,440,798,401,000	5,931,520,000	11,400	2.053
183		2016	44,226,895,982,000	30,574,391,457,000	5,931,520,000	9,175	1.539
184		2017	48,963,502,966,000	30,439,052,302,000	5,931,520,000	9,900	1.578
185		2018	51,155,890,227,000	32,736,295,522,000	5,931,520,000	11,500	1.693
186	SMSM	2014	1,757,634,000,000	1,122,120,000,000	1,439,668,860	4,750	4.252
187		2015	2,220,108,000,000	1,440,248,000,000	1,439,668,860	4,760	3.438
188		2016	2,254,740,000,000	1,580,055,000,000	5,758,675,440	980	2.802
189		2017	2,443,341,000,000	1,828,184,000,000	5,758,675,440	1,255	3.210
190		2018	2,801,203,000,000	2,150,277,000,000	5,758,675,440	1,400	3.110
191	SQBB	2014	459,352,720,000	368,878,943,000	10,240,000	10,500	0.431
192		2015	464,027,522,000	354,053,487,000	10,240,000	10,500	0.469
193		2016	479,233,790,000	354,829,699,000	10,240,000	10,500	0.484
194	TALF	2014	433,975,362,840	319,255,099,752	1,353,435,000	520	1.886
195		2015	434,210,376,664	350,202,023,192	1,353,435,000	400	1.440
196		2016	881,673,021,959	751,895,484,830	1,353,435,000	420	0.792
197		2017	921,240,988,517	766,164,831,783	1,353,435,000	418	0.782
198		2018	6,035,844,000,000	3,554,915,000,000	1,353,435,000	324	0.484
199	TCID	2014	1,863,679,637,324	387,963,000,000	201,066,667	17,525	2.683
200		2015	2,062,096,846,703	889,742,000,000	201,066,667	16,500	2.177
201		2016	2,185,101,038,101	1,783,158,507,325	201,066,667	12,500	1.334
202		2017	2,361,807,189,430	1,858,326,336,424	201,066,667	17,900	1.737
203		2018	2,445,143,511,801	1,972,463,165,139	201,066,667	17,250	1.612
204	TOTO	2014	2,062,386,924,390	1,125,897,630,494	990,720,000	3,963	2.358
205		2017	2,826,490,815,501	1,693,791,596,547	10,320,000,000	408	1.890
206	TRIS	2014	521,920,090,728	308,551,077,438	1,043,763,025	356	1.121
207		2015	574,346,433,075	329,208,076,905	1,045,446,325	300	0.973
208		2016	639,701,164,511	346,627,180,477	1,045,531,525	336	1.007

209		2017	544,968,319,987	356,231,586,783	1,047,587,802	308	0.938
210		2018	633,014,281,325	356,224,843,978	1,047,587,802	220	0.801
211	TRST	2014	3,261,285,495,052	1,756,440,396,879	2,808,000,000	380	0.789
212		2015	3,357,359,499,954	1,956,920,690,054	2,808,000,000	310	0.676
213		2016	3,290,596,224,286	1,932,355,184,014	2,808,000,000	300	0.669
214		2017	3,332,905,936,010	1,975,569,497,486	2,808,000,000	374	0.722
215	TSPC	2014	5,609,556,653,195	4,082,127,697,809	4,500,000,000	2,865	2.571
216		2015	6,284,729,099,203	4,337,140,975,120	4,500,000,000	1,750	1.563
217		2016	6,585,807,349,438	4,635,273,142,692	4,500,000,000	1,970	1.642
218		2017	7,434,900,309,021	5,082,008,409,145	4,500,000,000	1,800	1.406
219	ULTJ	2014	2,917,083,567,355	2,265,097,759,730	11,553,528,000	3,720	14.957
220		2017	5,186,940,000,000	4,208,755,000,000	11,553,528,000	1,295	3.073
221		2018	5,555,871,000,000	4,774,956,000,000	11,553,528,000	1,350	2.948
222	WIIM	2014	1,334,544,790,387	846,390,403,028	2,099,873,760	625	1.349
223		2015	1,342,700,045,391	943,708,980,906	2,099,873,760	430	0.970
224		2016	1,353,634,132,275	991,093,391,804	2,099,873,760	440	0.950
225		2017	1,225,712,093,041	978,091,361,111	2,099,873,760	290	0.699
226	WSBP	2017	14,919,548,673,755	7,316,656,090,419	26,361,157,534	408	1.230
227		2018	15,222,388,589,814	7,882,313,190,464	26,361,157,534	376	1.133
228	WTON	2014	3,802,658,881,174	2,202,591,855,623	8,715,466,600	1,300	3.400
229		2015	4,456,097,502,805	2,263,425,161,325	8,715,466,600	825	2.106
230		2017	7,067,976,095,043	2,747,935,334,085	8,715,466,600	498	1.225
231		2018	8,881,778,299,672	3,136,812,010,205	8,715,466,600	376	1.016
232	VOKS	2017	2,110,166,496,595	814,122,306,393	4,155,602,595	312	1.229

## 2) MBVE

NO	KODE	TAHUN	TOTAL EKUITAS	SAHAM BEREDAR	CLOSING PRICE	MBVE
1	AISA	2014	3,592,829,000,000	3,218,600,000	2,095	1.877
2	AKPI	2014	1,031,605,289,000	680,000,000	830	0.547
3		2015	1,107,565,893,000	680,000,000	875	0.537
4		2016	1,120,035,169,000	680,000,000	900	0.546
5		2017	1,126,612,491,000	680,000,000	725	0.438
6	ALDO	2014	159,422,655,622	550,000,000	735	2.536
7		2018	271,590,217,470	550,000,000	600	1.215
8	AMFG	2014	3,101,440,000,000	434,000,000	8,050	1.126
9		2015	3,390,223,000,000	434,000,000	6,550	0.838

10		2016	3,599,264,000,000	434,000,000	6,700	0.808
11		2017	3,548,877,000,000	434,000,000	6,025	0.737
12		2018	3,596,666,000,000	434,000,000	3,690	0.445
13	AMIN	2016	151,366,178,112	1,080,000,000	274	1.955
14	ARNA	2015	894,728,477,056	7,341,430,976	500	4.103
15		2016	948,088,201,259	7,341,430,976	520	4.027
16		2017	1,029,399,792,539	7,341,430,976	342	2.439
17		2018	1,096,596,429,104	7,341,430,976	420	2.812
18	ASII	2014	120,187,000,000,000	40,483,553,140	7,425	2.501
19		2015	126,533,000,000,000	40,483,553,140	6,000	1.920
20		2016	139,906,000,000,000	40,483,553,140	8,275	2.394
21		2017	156,329,000,000,000	40,483,553,140	8,300	2.149
22		2018	174,363,000,000,000	40,483,553,140	8,225	1.910
23	AUTO	2014	10,142,706,000,000	4,819,733,000	4,200	1.996
24		2015	10,143,426,000,000	4,819,733,000	1,600	0.760
25		2016	11,589,536,000,000	4,819,733,000	2,050	0.853
26		2017	10,759,076,000,000	4,819,733,000	2,060	0.923
27		2018	11,263,635,000,000	4,819,733,000	1,470	0.629
28	BATA	2014	425,597,596,000	1,300,000,000	1,105	3.375
29		2015	547,187,208,000	1,300,000,000	900	2.138
30		2016	557,155,279,000	1,300,000,000	790	1.843
31		2017	579,308,728,000	1,300,000,000	570	1.279
32	BELL	2018	260,198,089,842	1,450,000,000	240	1.337
33	BOLT	2015	760,529,199,078	2,343,750,000	1,195	3.683
34		2016	814,324,980,352	2,343,750,000	805	2.317
35		2017	720,676,693,568	2,343,750,000	985	3.203
36		2018	738,035,474,182	2,343,750,000	970	3.080
37	BUDI	2017	1,194,700,000,000	4,498,997,362	94	0.354
38		2018	1,226,484,000,000	4,498,997,362	96	0.352
39	BTON	2015	49,104,596,755	180,000,000	435	1.595
40	CEKA	2014	537,551,172,122	297,500,000	750	0.415
41		2017	903,044,187,067	595,000,000	1,250	0.824
42		2018	976,647,575,842	595,000,000	1,375	0.838
43	CINT	2015	315,073,311,914	1,000,000,000	338	1.073
44		2016	326,429,838,956	1,000,000,000	316	0.968
45		2017	382,273,759,946	1,000,000,000	334	0.874
46	CPIN	2014	11,005,218,000,000	16,398,000,000	3,780	5.632
47		2015	12,561,427,000,000	16,398,000,000	2,600	3.394

48		2016	14,157,243,000,000	16,398,000,000	3,090	3.579
49		2017	15,702,825,000,000	16,398,000,000	3,000	3.133
50		2018	19,391,174,000,000	16,398,000,000	7,225	6.110
51	DLTA	2016	1,012,374,008,000	800,659,050	5,000	3.954
52		2017	1,144,645,393,000	800,659,050	4,590	3.211
53		2018	1,175,401,340,000	800,659,050	5,500	3.746
54	DPNS	2018	277,708,599,001	331,129,952	316	0.377
55	DVLA	2014	947,454,725,000	280,000,000	1,690	0.499
56		2015	973,517,334,000	280,000,000	1,300	0.374
57		2016	1,079,579,612,000	280,000,000	1,755	0.455
58		2017	1,116,300,069,000	280,000,000	1,960	0.492
59	EKAD	2014	267,906,054,012	698,775,000	515	1.343
60		2015	291,961,416,611	698,775,000	400	0.957
61		2017	662,817,725,465	698,775,000	695	0.733
62		2018	724,582,501,247	698,775,000	855	0.825
63	FASW	2016	3,158,442,463,132	2,477,888,787	4,100	3.217
64		2017	6,081,574,204,386	2,477,888,787	5,400	2.200
65		2018	4,288,337,297,565	2,477,888,787	7,775	4.493
66	GGRM	2014	33,134,403,000,000	1,924,088,000	60,700	3.525
67		2015	38,007,909,000,000	1,924,088,000	55,000	2.784
68		2016	39,564,228,000,000	1,924,088,000	63,900	3.108
69		2018	45,133,285,000,000	1,924,088,000	83,625	3.565
70	GJTL	2014	5,637,004,000,000	3,484,800,000	1,425	0.881
71		2017	5,689,466,000,000	3,484,800,000	680	0.417
72	HMSP	2014	13,498,114,000,000	4,383,000,000	68,153	22.130
73		2015	32,016,060,000,000	4,652,723,076	94,000	13.661
74		2018	35,358,253,000,000	4,652,720,000	3,710	0.488
75	HOKI	2018	563,167,578,239	2,374,834,620	730	3.078
76	ICBP	2014	14,584,301,000,000	11,661,908,000	13,100	10.475
77		2015	16,386,911,000,000	11,661,908,000	13,475	9.590
78		2016	18,500,823,000,000	11,661,908,000	8,575	5.405
79		2017	20,324,330,000,000	11,661,908,000	8,900	5.107
80		2018	22,707,150,000,000	11,661,908,000	10,450	5.367
81	IGAR	2014	263,451,227,145	972,204,500	315	1.162
82		2016	238,845,392,616	972,204,500	520	2.117
83		2017	441,946,749,143	972,204,500	378	0.832
84	IMPC	2016	1,225,645,183,071	4,833,500,000	1,025	4.042
85		2018	1,372,223,331,022	4,833,500,000	940	3.311

86	INCI	2016	242,826,462,751	181,035,556	306	0.228
87		2018	319,952,419,798	196,121,237	575	0.352
88	INDF	2014	40,274,198,000,000	8,780,426,500	6,750	1.472
89		2015	43,121,593,000,000	11,661,908,000	5,175	1.400
90		2016	43,941,423,000,000	11,661,908,000	7,925	2.103
91		2017	46,756,724,000,000	11,661,908,000	7,625	1.902
92		2018	49,916,800,000,000	11,661,908,000	7,450	1.741
93	INDS	2014	1,822,667,471,833	656,249,710	1,600	0.576
94		2017	2,144,818,918,530	656,249,710	1,260	0.386
95		2018	2,194,231,835,853	656,249,710	2,220	0.664
96	INTP	2014	24,577,010,000,000	3,681,231,699	25,000	3.745
97		2015	23,865,950,000,000	3,681,231,699	22,325	3.444
98		2016	26,138,703,000,000	3,681,231,699	15,400	2.169
99		2017	24,556,507,000,000	3,681,231,699	21,950	3.290
100		2018	23,221,589,000,000	3,681,231,699	18,450	2.925
101	ISSP	2016	2,645,057,000,000	7,185,992,035	210	0.571
102	JECC	2016	470,338,342,000	75,600,000	3,500	0.563
103		2018	609,241,164,000	75,600,000	6,650	0.825
104	JPFA	2014	5,179,545,000,000	10,660,522,910	950	1.955
105		2016	9,372,964,000,000	11,410,522,910	1,455	1.771
106		2017	9,795,628,000,000	11,410,522,910	1,300	1.514
107		2018	10,214,809,000,000	11,726,575,201	2,150	2.468
108	KAEF	2014	1,811,143,949,913	5,554,000,000	1,465	4.493
109		2015	1,862,096,822,470	5,554,000,000	870	2.595
110		2016	2,271,407,409,194	5,554,000,000	2,750	6.724
111		2017	2,572,520,755,127	5,554,000,000	2,700	5.829
112		2018	3,356,459,729,851	5,554,000,000	2,600	4.302
113	KBLI	2014	940,756,718,451	4,007,235,107	139	0.592
114		2016	1,321,345,840,449	4,007,235,107	276	0.837
115		2017	1,786,746,385,283	4,007,235,107	426	0.955
116		2018	2,030,980,758,929	4,007,235,107	302	0.596
117	KBLM	2015	296,475,380,006	1,120,000,000	132	0.499
118		2016	320,655,277,264	1,120,000,000	240	0.838
119	KIAS	2014	2,018,713,000,000	14,929,100,000	147	1.087
120	KINO	2016	1,952,072,473,629	1,428,571,500	3,030	2.217
121		2017	2,055,170,880,109	1,428,571,500	2,120	1.474
122		2018	2,186,900,126,396	1,428,571,500	2,800	1.829
123	KLBF	2014	9,817,475,678,446	46,875,122,110	810	3.867

124		2015	10,938,285,985,269	46,875,122,110	1,320	5.657
125		2016	12,463,847,141,085	46,875,122,110	1,515	5.698
126		2017	13,894,031,782,689	46,875,122,110	1,690	5.702
127		2018	15,294,594,796,354	46,875,122,110	1,520	4.659
128	KMTR	2017	1,584,274,862,682	7,682,950,000	462	2.240
129	KRAH	2014	186,675,690,669	971,190,000	810	4.214
130	LION	2014	425,933,669,395	520,160,000	9,300	11.357
131		2015	454,599,496,171	520,160,000	1,050	1.201
132		2016	470,603,093,171	520,160,000	1,050	1.161
133		2017	452,307,088,017	520,160,000	765	0.880
134	LMSH	2014	112,593,050,691	96,000,000	6,450	5.499
135		2015	112,441,377,144	96,000,000	575	0.491
136		2016	117,316,469,122	96,000,000	590	0.483
137		2017	129,622,003,077	96,000,000	640	0.474
138	MAIN	2017	1,701,152,698,000	2,238,750,000	740	0.974
139		2018	1,896,646,094,000	2,238,750,000	1,395	1.647
140	MARK	2018	237,737,869,956	760,000,062	1,985	6.346
141	MERK	2014	544,244,319,000	17,561,517	160,000	5.163
142		2015	473,543,282,000	17,561,517	6,775	0.251
143		2016	582,672,469,000	17,561,517	9,200	0.277
144		2017	615,437,441,000	17,561,517	8,500	0.243
145	MLBI	2015	766,480,000,000	448,000,000	8,200	4.793
146		2016	820,640,000,000	448,000,000	11,750	6.415
147		2017	1,064,905,000,000	448,000,000	13,675	5.753
148		2018	1,167,536,000,000	448,000,000	16,000	6.139
149	MYOR	2016	6,265,255,987,065	22,358,699,725	1,645	5.870
150		2017	7,354,346,366,072	22,358,699,725	2,020	6.141
151		2018	8,542,544,481,694	22,358,699,725	2,620	6.857
152	PBID	2018	1,544,137,386,000	1,875,000,000	1,150	1.396
153	PICO	2017	279,683,750,237	568,375,000	228	0.463
154		2018	299,561,177,628	568,375,000	250	0.474
155	PYFA	2017	108,856,000,711	535,080,000	183	0.900
156	RICY	2014	390,263,218,936	641,717,510	174	0.286
157		2016	412,499,070,065	641,717,510	154	0.240
158		2017	430,265,371,696	641,717,510	150	0.224
159	ROTI	2014	953,583,079,507	5,061,800,000	1,385	7.352
160		2016	1,442,751,772,026	5,061,800,000	1,600	5.613
161		2017	2,820,105,715,429	6,186,488,888	1,275	2.797

162		2018	2,916,901,120,111	6,186,488,888	1,200	2.545
163	SCCO	2014	809,954,326,656	205,583,400	3,950	1.003
164		2016	1,220,420,673,224	205,583,400	7,275	1.225
165		2017	2,728,227,483,994	205,583,400	9,000	0.678
166		2018	2,910,749,138,067	205,583,400	8,700	0.614
167	SIDO	2017	2,895,865,000,000	15,000,000,000	545	2.823
168		2018	2,910,749,138,067	15,000,000,000	840	4.329
169	SKBM	2014	307,615,062,279	936,530,894	970	2.953
170	SKLT	2014	137,295,765,073	690,740,500	300	1.509
171		2015	377,110,748,359	690,740,500	370	0.678
172		2016	296,151,295,872	690,740,500	308	0.718
173		2017	307,569,774,228	690,740,500	1,100	2.470
174		2018	339,000,000,000	690,740,500	1,500	3.056
175	SMBR	2015	2,949,352,584,000	9,837,678,500	291	0.971
176		2016	3,120,757,702,000	9,837,678,500	2,790	8.795
177		2017	3,412,859,859,000	9,924,797,280	3,800	11.051
178		2018	2,064,408,447,000	9,932,534,340	1,750	8.420
179	SMCB	2014	8,581,969,000,000	7,662,900,000	2,185	1.951
180		2015	8,449,857,000,000	7,662,900,000	995	0.902
181	SMGR	2014	25,004,930,004,000	5,931,520,000	16,200	3.843
182		2015	27,440,798,401,000	5,931,520,000	11,400	2.464
183		2016	30,574,391,457,000	5,931,520,000	9,175	1.780
184		2017	30,439,052,302,000	5,931,520,000	9,900	1.929
185		2018	32,736,295,522,000	5,931,520,000	11,500	2.084
186	SMSM	2014	1,122,120,000,000	1,439,668,860	4,750	6.094
187		2015	1,440,248,000,000	1,439,668,860	4,760	4.758
188		2016	1,580,055,000,000	5,758,675,440	980	3.572
189		2017	1,828,184,000,000	5,758,675,440	1,255	3.953
190		2018	2,150,277,000,000	5,758,675,440	1,400	3.749
191	SQBB	2014	368,878,943,000	10,240,000	10,500	0.291
192		2015	354,053,487,000	10,240,000	10,500	0.304
193		2016	354,829,699,000	10,240,000	10,500	0.303
194	TALF	2014	319,255,099,752	1,353,435,000	520	2.204
195		2015	350,202,023,192	1,353,435,000	400	1.546
196		2016	751,895,484,830	1,353,435,000	420	0.756
197		2017	766,164,831,783	1,353,435,000	418	0.738
198		2018	3,554,915,000,000	1,353,435,000	324	0.123

199	TCID	2014	387,963,000,000	201,066,667	17,525	9.083
200		2015	889,742,000,000	201,066,667	16,500	3.729
201		2016	1,783,158,507,325	201,066,667	12,500	1.409
202		2017	1,858,326,336,424	201,066,667	17,900	1.937
203		2018	1,972,463,165,139	201,066,667	17,250	1.758
204	TOTO	2014	1,125,897,630,494	990,720,000	3,963	3.487
205		2017	1,693,791,596,547	10,320,000,000	408	2.486
206	TRIS	2014	308,551,077,438	1,043,763,025	356	1.204
207		2015	329,208,076,905	1,045,446,325	300	0.953
208		2016	346,627,180,477	1,045,531,525	336	1.013
209		2017	356,231,586,783	1,047,587,802	308	0.906
210		2018	356,224,843,978	1,047,587,802	220	0.647
211	TRST	2014	1,756,440,396,879	2,808,000,000	380	0.608
212		2015	1,956,920,690,054	2,808,000,000	310	0.445
213		2016	1,932,355,184,014	2,808,000,000	300	0.436
214		2017	1,975,569,497,486	2,808,000,000	374	0.532
215	TSPC	2014	4,082,127,697,809	4,500,000,000	2,865	3.158
216		2015	4,337,140,975,120	4,500,000,000	1,750	1.816
217		2016	4,635,273,142,692	4,500,000,000	1,970	1.913
218		2017	5,082,008,409,145	4,500,000,000	1,800	1.594
219	ULTJ	2014	2,265,097,759,730	11,553,528,000	3,720	18.975
220		2017	4,208,755,000,000	11,553,528,000	1,295	3.555
221		2018	4,774,956,000,000	11,553,528,000	1,350	3.266
222	WIIM	2014	846,390,403,028	2,099,873,760	625	1.551
223		2015	943,708,980,906	2,099,873,760	430	0.957
224		2016	991,093,391,804	2,099,873,760	440	0.932
225		2017	978,091,361,111	2,099,873,760	290	0.623
226	WSBP	2017	7,316,656,090,419	26,361,157,534	408	1.470
227		2018	7,882,313,190,464	26,361,157,534	376	1.257
228	WTON	2014	2,202,591,855,623	8,715,466,600	1,300	5.144
229		2015	2,263,425,161,325	8,715,466,600	825	3.177
230		2017	2,747,935,334,085	8,715,466,600	498	1.579
231		2018	3,136,812,010,205	8,715,466,600	376	1.045
232	VOKS	2017	814,122,306,393	4,155,602,595	312	1.593



## 3) PPMVA

NO	KODE	TAHUN	Aset Tetap	UTANG JANG. PANJANG	NILAI PASAR	PPMVA
1	AISA	2014	1,785,691,000,000	2,285,709,000,000	6,742,967,000,000	0.198
2	AKPI	2014	2,779,774,629,000	378,320,428,000	564,400,000,000	2.949
3		2015	3,553,041,207,000	789,951,724,000	595,000,000,000	2.565
4		2016	3,510,237,739,000	724,986,119,000	612,000,000,000	2.625
5		2017	3,583,110,891,000	657,429,040,000	493,000,000,000	3.115
6	ALDO	2014	105,254,652,476	12,788,922,608	404,250,000,000	0.252
7		2018	147,610,455,698	27,227,641,639	330,000,000,000	0.413
8	AMFG	2014	1,530,836,000,000	335,511,000,000	3,493,700,000,000	0.400
9		2015	1,822,896,000,000	400,676,000,000	2,842,700,000,000	0.562
10		2016	3,520,207,000,000	1,020,540,000,000	2,907,800,000,000	0.896
11		2017	4,068,690,000,000	1,722,036,000,000	2,614,850,000,000	0.938
12		2018	5,940,400,000,000	3,097,062,000,000	1,601,460,000,000	1.264
13	AMIN	2016	52,423,409,470	10,159,271,614	295,920,000,000	0.171
14	ARNA	2015	884,792,151,368	37,193,077,532	3,670,715,488,000	0.239
15		2016	858,698,468,313	118,496,947,035	3,817,544,107,520	0.218
16		2017	883,704,877,050	116,793,930,674	2,510,769,393,792	0.336
17		2018	795,547,807,911	79,661,648,470	3,083,401,009,920	0.252
18	ASII	2014	41,250,000,000,000	42,182,000,000,000	300,590,382,064,500	0.120
19		2015	41,702,000,000,000	42,660,000,000,000	242,901,318,840,000	0.146
20		2016	43,237,000,000,000	32,870,000,000,000	335,001,402,233,500	0.118
21		2017	48,402,000,000,000	40,595,000,000,000	336,013,491,062,000	0.129
22		2018	57,733,000,000,000	53,881,000,000,000	332,977,224,576,500	0.149
23	AUTO	2014	3,305,968,000,000	387,053,000,000	20,242,878,600,000	0.160
24		2015	3,507,217,000,000	569,777,000,000	7,711,572,800,000	0.424
25		2016	3,599,815,000,000	817,570,000,000	9,880,452,650,000	0.336
26		2017	3,526,867,000,000	961,731,000,000	9,928,649,980,000	0.324
27		2018	3,498,912,000,000	559,006,000,000	7,085,007,510,000	0.458
28	BATA	2014	245,225,987,000	29,541,847,000	1,436,500,000,000	0.167
29		2015	234,746,191,000	37,139,249,000	1,170,000,000,000	0.194
30		2016	219,554,437,000	39,852,948,000	1,027,000,000,000	0.206
31		2017	218,946,522,000	45,884,975,000	741,000,000,000	0.278
32	BELL	2018	161,719,483,406	36,572,810,012	348,000,000,000	0.421
33	BOLT	2015	420,117,559,089	42,212,980,000	2,800,781,250,000	0.148

34		2016	426,541,826,616	59,361,483,000	1,886,718,750,000	0.219
35		2017	612,269,752,830	295,352,627,800	2,308,593,750,000	0.235
36		2018	620,925,458,436	222,118,932,000	2,273,437,500,000	0.249
37	BUDI	2017	1,863,833,000,000	724,770,000,000	422,905,752,028	1.624
38		2018	1,871,467,000,000	698,988,000,000	431,903,746,752	1.655
39	BTON	2015	13,159,542,885	2,674,463,531	78,300,000,000	0.163
40	CEKA	2014	221,559,766,343	21,917,794,870	223,125,000,000	0.904
41		2017	212,312,805,803	45,209,179,614	743,750,000,000	0.269
42		2018	200,024,117,988	34,052,874,614	818,125,000,000	0.235
43	CINT	2015	159,053,244,425	8,868,213,307	338,000,000,000	0.459
44		2016	181,812,363,868	11,201,910,185	316,000,000,000	0.556
45		2017	234,751,563,051	28,289,302,555	334,000,000,000	0.648
46	CPIN	2014	9,256,710,000,000	5,375,370,000,000	61,984,440,000,000	0.137
47		2015	11,309,628,000,000	6,426,152,000,000	42,634,800,000,000	0.231
48		2016	11,233,847,000,000	4,497,494,000,000	50,669,820,000,000	0.204
49		2017	11,009,361,000,000	3,762,651,000,000	49,194,000,000,000	0.208
50		2018	11,685,261,000,000	3,521,076,000,000	118,475,550,000,000	0.096
51	DLTA	2016	96,275,498,000	47,580,546,000	4,003,295,250,000	0.024
52		2017	89,978,944,000	56,512,464,000	3,675,025,039,500	0.024
53		2018	90,191,394,000	47,053,513,000	4,403,624,775,000	0.020
54	DPNS	2018	10,910,763,194	19,619,329,128	104,637,064,832	0.088
55	DVLA	2014	267,039,943,000	105,487,708,000	473,200,000,000	0.461
56		2015	258,265,183,000	106,462,785,000	364,000,000,000	0.549
57		2016	404,599,316,000	77,358,436,000	491,400,000,000	0.711
58		2017	395,989,095,000	82,963,213,000	548,800,000,000	0.627
59	EKAD	2014	105,345,565,956	16,571,290,811	359,869,125,000	0.280
60		2015	96,595,733,391	18,135,731,998	279,510,000,000	0.325
61		2017	364,850,961,596	42,425,198,982	485,648,625,000	0.691
62		2018	371,559,780,027	37,303,269,649	597,452,625,000	0.585
63	FASW	2016	6,271,722,916,197	3,409,164,500,017	10,159,344,026,700	0.462
64		2017	6,434,772,710,208	2,328,504,138,109	13,380,599,449,800	0.410
65		2018	7,263,839,935,749	3,666,242,543,034	19,265,585,318,925	0.317
66	GGRM	2014	18,973,272,000,000	1,316,741,000,000	116,792,141,600,000	0.161
67		2015	20,106,488,000,000	1,452,418,000,000	105,824,840,000,000	0.187
68		2016	20,498,950,000,000	1,748,841,000,000	122,949,223,200,000	0.164
69		2018	22,758,558,000,000	1,960,367,000,000	160,901,859,000,000	0.140
70	GJTL	2014	7,611,453,000,000	7,368,809,000,000	4,965,840,000,000	0.617
71		2017	8,900,168,000,000	8,103,753,000,000	2,369,664,000,000	0.850

72	HMSP	2014	5,919,600,000,000	1,282,286,000,000	298,714,599,000,000	0.020
73		2015	6,281,176,000,000	1,455,990,000,000	437,355,969,144,000	0.014
74		2018	7,288,435,000,000	2,450,168,000,000	17,261,591,200,000	0.370
75	HOKI	2018	263,407,043,489	12,454,553,111	1,733,629,272,600	0.151
76	ICBP	2014	5,838,843,000,000	3,639,267,000,000	152,770,994,800,000	0.037
77		2015	6,555,660,000,000	4,171,369,000,000	157,144,210,300,000	0.041
78		2016	7,114,288,000,000	3,931,340,000,000	100,000,861,100,000	0.068
79		2017	8,120,254,000,000	4,467,596,000,000	103,790,981,200,000	0.075
80		2018	10,741,622,000,000	4,424,605,000,000	121,866,938,600,000	0.085
81	IGAR	2014	46,081,516,352	13,123,861,618	306,244,417,500	0.144
82		2016	70,591,030,568	3,365,755,813	505,546,340,000	0.139
83		2017	86,389,049,329	10,134,575,231	367,493,301,000	0.229
84	IMPC	2016	699,965,839,974	715,852,729,729	4,954,337,500,000	0.123
85		2018	757,379,485,281	655,646,584,965	4,543,490,000,000	0.146
86	INCI	2016	128,538,899,975	6,104,880,320	55,396,880,136	2.090
87		2018	174,915,334,612	8,339,201,129	112,769,711,275	1.444
88	INDF	2014	22,011,488,000,000	16,837,876,000,000	59,267,878,875,000	0.289
89		2015	6,555,660,000,000	4,171,369,000,000	60,350,373,900,000	0.102
90		2016	7,114,288,000,000	3,931,340,000,000	92,420,620,900,000	0.074
91		2017	8,120,254,000,000	4,467,596,000,000	88,922,048,500,000	0.087
92		2018	10,741,622,000,000	4,424,605,000,000	86,881,214,600,000	0.118
93	INDS	2014	1,247,324,580,729	119,224,083,256	1,049,999,536,000	1.067
94		2017	1,238,823,067,843	86,073,602,249	826,874,634,600	1.357
95		2018	1,220,184,634,629	70,375,822,370	1,456,874,356,200	0.799
96	INTP	2014	12,143,632,000,000	839,613,000,000	92,030,792,475,000	0.131
97		2015	13,813,892,000,000	1,084,667,000,000	82,183,497,680,175	0.166
98		2016	14,643,695,000,000	824,135,000,000	56,690,968,164,600	0.255
99		2017	14,979,453,000,000	828,145,000,000	80,803,035,793,050	0.184
100		2018	14,637,185,000,000	641,324,000,000	67,918,724,846,550	0.213
101	ISSP	2016	1,984,343,000,000	569,554,000,000	1,509,058,327,350	0.955
102	JECC	2016	408,722,055,000	124,327,450,000	264,600,000,000	1.051
103		2018	588,760,580,000	184,126,894,000	502,740,000,000	0.857
104	JPFA	2014	6,361,632,000,000	5,523,993,000,000	10,127,496,764,500	0.406
105		2016	7,512,091,000,000	4,684,513,000,000	16,602,310,834,050	0.353
106		2017	8,346,028,000,000	6,523,602,000,000	14,833,679,783,000	0.391
107		2018	7,935,353,000,000	5,918,742,000,000	25,212,136,682,150	0.255
108	KAEF	2014	557,939,412,570	302,228,994,957	8,136,610,000,000	0.066
109		2015	681,742,779,981	285,695,906,949	4,831,980,000,000	0.133

110		2016	1,006,745,257,089	644,946,264,289	15,273,500,000,000	0.063
111		2017	1,687,785,385,991	1,154,120,768,637	14,995,800,000,000	0.105
112		2018	2,693,681,582,098	2,329,663,106,364	14,440,400,000,000	0.161
113	KBLI	2014	411,558,914,077	158,183,231,657	557,005,679,873	0.575
114		2016	560,534,774,701	191,360,581,512	1,105,996,889,532	0.432
115		2017	1,043,801,546,776	293,524,061,693	1,707,082,155,582	0.522
116		2018	953,319,581,106	331,718,194,021	1,210,185,002,314	0.618
117	KBLM	2015	291,209,032,493	15,266,645,715	147,840,000,000	1.785
118		2016	244,138,597,496	15,171,816,630	268,800,000,000	0.860
119	KIAS	2014	1,493,293,193,212	94,320,586,032	2,194,577,700,000	0.652
120	KINO	2016	1,222,356,238,771	111,653,704,511	4,328,571,645,000	0.275
121		2017	1,247,283,242,755	96,858,033,700	3,028,571,580,000	0.399
122		2018	1,423,720,979,453	88,940,816,912	4,000,000,200,000	0.348
123	KLBF	2014	3,404,457,131,056	221,636,516,794	37,968,848,909,100	0.089
124		2015	3,938,494,051,483	392,250,905,307	61,875,161,185,200	0.063
125		2016	4,555,746,101,580	445,000,282,472	71,015,809,996,650	0.064
126		2017	5,342,659,713,054	494,871,621,931	79,218,956,365,900	0.067
127		2018	6,252,801,150,475	565,443,877,421	71,250,185,607,200	0.087
128	KMTR	2017	815,004,538,745	1,670,168,912,192	3,549,522,900,000	0.156
129	KRAH	2014	79,786,176,007	31,536,832,457	786,663,900,000	0.098
130	LION	2014	101,606,366,543	23,968,711,839	4,837,488,000,000	0.021
131		2015	112,954,807,003	51,037,129,224	546,168,000,000	0.189
132		2016	120,394,121,583	62,676,337,255	546,168,000,000	0.198
133		2017	97,577,993,791	75,824,040,171	397,922,400,000	0.206
134	LMSH	2014	29,522,279,223	4,607,084,953	619,200,000,000	0.047
135		2015	27,799,616,826	10,323,099,874	55,200,000,000	0.424
136		2016	61,896,024,068	10,034,936,864	56,640,000,000	0.928
137		2017	55,856,775,347	10,622,970,307	61,440,000,000	0.775
138	MAIN	2017	2,038,990,401,000	505,563,706,000	1,656,675,000,000	0.943
139		2018	2,092,575,482,000	1,193,878,777,000	3,123,056,250,000	0.485
140	MARK	2018	150,750,138,714	7,267,044,064	1,508,600,123,070	0.099
141	MERK	2014	81,384,920,000	36,991,366,000	2,809,842,720,000	0.029
142		2015	110,784,138,000	35,667,641,000	118,979,277,675	0.716
143		2016	129,991,953,000	40,640,296,000	161,565,956,400	0.643
144		2017	177,729,098,000	46,598,015,000	149,272,894,500	0.907
145	MLBI	2015	1,266,072,000,000	119,146,000,000	3,673,600,000,000	0.334
146		2016	1,278,015,000,000	128,137,000,000	5,264,000,000,000	0.237
147		2017	1,364,086,000,000	141,059,000,000	6,126,400,000,000	0.218

148		2018	1,524,061,000,000	143,046,000,000	7,168,000,000,000	0.208
149	MYOR	2016	3,859,420,029,792	2,773,114,553,072	36,780,061,047,625	0.098
150		2017	3,988,757,428,380	3,087,875,111,223	45,164,573,444,500	0.083
151		2018	4,258,300,525,120	4,284,651,557,827	58,579,793,279,500	0.068
152	PBID	2018	543,172,788,000	43,288,405,000	2,156,250,000,000	0.247
153	PICO	2017	124,263,162,860	116,211,708,563	129,589,500,000	0.506
154		2018	142,861,408,050	142,186,592,732	142,093,750,000	0.503
155	PYFA	2017	75,929,987,318	28,462,814,851	97,919,640,000	0.601
156	RICY	2014	318,630,063,545	145,338,633,312	111,658,846,740	1.240
157		2016	332,510,848,915	54,429,743,296	98,824,496,540	2.170
158		2017	323,156,365,786	70,954,572,573	96,257,626,500	1.933
159	ROTI	2014	1,679,981,658,119	875,163,252,239	7,010,593,000,000	0.213
160		2016	1,842,722,492,525	1,156,387,262,310	8,098,880,000,000	0.199
161		2017	1,993,663,314,016	712,291,462,742	7,887,773,332,200	0.232
162		2018	2,222,133,112,899	951,487,110,723	7,423,786,665,600	0.265
163	SCCO	2014	295,398,107,771	15,587,742,547	812,054,430,000	0.357
164		2016	322,517,672,904	34,356,405,692	1,495,619,235,000	0.211
165		2017	1,687,349,407,527	39,780,108,199	1,850,250,600,000	0.893
166		2018	1,674,834,244,030	39,780,108,199	1,788,575,580,000	0.916
167	SIDO	2017	1,215,176,000,000	53,826,000,000	8,175,000,000,000	0.148
168		2018	1,553,362,000,000	66,634,000,000	12,600,000,000,000	0.123
169	SKBM	2014	250,714,045,211	74,700,075,216	908,434,967,180	0.255
170	SKLT	2014	135,210,633,301	36,781,482,794	207,222,150,000	0.554
171		2015	148,556,690,479	65,933,237,971	255,573,985,000	0.462
172		2016	299,674,475,232	102,786,060,143	212,748,074,000	0.950
173		2017	311,810,228,981	117,221,275,463	759,814,550,000	0.356
174		2018	323,244,348,971	116,708,612,900	1,036,110,750,000	0.280
175	SMBR	2015	787,023,588,000	84,621,762,000	2,862,764,443,500	0.267
176		2016	3,480,075,405,000	955,881,605,000	27,447,123,015,000	0.123
177		2017	3,844,488,329,000	978,649,421,000	37,714,229,664,000	0.099
178		2018	4,012,558,978,000	1,428,000,232,000	17,381,935,095,000	0.213
179	SMCB	2014	14,498,240,000,000	4,809,790,000,000	16,743,436,500,000	0.673
180		2015	14,427,080,000,000	4,914,267,000,000	7,624,585,500,000	1.151
181	SMGR	2014	20,221,066,650,000	4,038,944,969,000	96,090,624,000,000	0.202
182		2015	25,167,682,710,000	4,113,130,909,000	67,619,328,000,000	0.351
183		2016	30,846,750,207,000	5,500,831,097,000	54,421,696,000,000	0.515
184		2017	32,523,309,598,000	10,219,040,520,000	58,722,048,000,000	0.472
185		2018	32,748,895,968,000	10,216,757,106,000	68,212,480,000,000	0.418

186	SMSM	2014	492,897,000,000	65,758,000,000	6,838,427,085,000	0.071
187		2015	714,935,000,000	208,148,000,000	6,852,823,773,600	0.101
188		2016	800,353,000,000	166,203,000,000	5,643,501,931,200	0.138
189		2017	683,803,000,000	195,244,000,000	7,227,137,677,200	0.092
190		2018	749,122,000,000	180,810,000,000	8,062,145,616,000	0.091
191	SQBB	2014	87,174,799,000	6,755,953,000	107,520,000,000	0.763
192		2015	90,312,268,000	7,703,883,000	107,520,000,000	0.784
193		2016	86,021,584,000	10,405,656,000	107,520,000,000	0.729
194	TALF	2014	116,614,583,554	22,930,238,329	703,786,200,000	0.160
195		2015	118,479,390,961	14,027,626,740	541,374,000,000	0.213
196		2016	546,284,875,130	18,417,236,260	568,442,700,000	0.931
197		2017	557,421,928,580	27,402,887,073	565,735,830,000	0.940
198		2018	570,873,765,937	24,876,903,230	438,512,940,000	1.232
199	TCID	2014	923,951,560,313	83,677,063,909	3,523,693,339,175	0.256
200		2015	902,694,745,887	144,294,749,027	3,317,600,005,500	0.261
201		2016	935,344,860,312	181,362,146,636	2,513,333,337,500	0.347
202		2017	964,642,806,296	243,674,007,163	3,599,093,339,300	0.251
203		2018	998,708,967,039	241,146,503,875	3,468,400,005,750	0.269
204	TOTO	2014	807,117,366,092	407,674,478,992	3,926,223,360,000	0.186
205		2017	806,391,112,949	559,116,316,516	4,210,560,000,000	0.169
206	TRIS	2014	117,375,191,424	20,640,577,850	371,579,636,900	0.299
207		2015	127,003,766,652	18,882,652,361	313,633,897,500	0.382
208		2016	132,953,556,301	11,308,062,082	351,298,592,400	0.367
209		2017	126,623,972,147	3,129,848,133	322,657,043,016	0.389
210		2018	121,891,794,614	3,603,425,447	230,469,316,440	0.521
211	TRST	2014	1,980,022,881,193	544,616,519,387	1,067,040,000,000	1.229
212		2015	2,101,159,762,436	530,902,085,972	870,480,000,000	1.499
213		2016	2,025,462,701,661	448,461,726,428	842,400,000,000	1.569
214		2017	1,992,196,958,293	388,915,366,420	1,050,192,000,000	1.384
215	TSPC	2014	1,554,389,853,202	223,059,288,200	12,892,500,000,000	0.119
216		2015	1,616,562,460,878	251,101,467,010	7,875,000,000,000	0.199
217		2016	1,806,744,212,273	297,120,986,625	8,865,000,000,000	0.197
218		2017	1,984,179,208,981	350,270,496,279	8,100,000,000,000	0.235
219	ULTJ	2014	1,003,229,206,363	161,018,718,399	42,979,124,160,000	0.023
220		2017	1,336,398,000,000	157,560,000,000	14,961,818,760,000	0.088
221		2018	1,453,135,000,000	145,754,000,000	15,597,262,800,000	0.092
222	WIIM	2014	309,830,060,177	39,036,668,424	1,312,421,100,000	0.229

223		2015	331,748,299,750	57,285,512,883	902,945,716,800	0.345
224		2016	330,448,090,705	68,828,979,411	923,944,454,400	0.333
225		2017	312,881,022,672	86,830,036,062	608,963,390,400	0.450
226	WSBP	2017	3,148,700,789,918	9,461,216,530	10,755,352,273,872	0.292
227		2018	4,726,297,844,350	12,812,799,172	9,911,795,232,784	0.476
228	WTON	2014	1,671,205,371,711	90,209,608,501	11,330,106,580,000	0.146
229		2015	1,997,514,941,320	399,207,637,116	7,190,259,945,000	0.263
230		2017	2,679,459,038,772	103,726,392,246	4,340,302,366,800	0.603
231		2018	2,947,961,042,010	496,879,829,933	3,277,015,441,600	0.781
232	VOKS	2017	305,671,637,987	35,175,971,717	1,296,548,009,640	0.230

## Lampiran 7:

## Analisis Faktor

**Communalities**

	Initial	Extraction
MBVA	1.000	.631
MBVE	1.000	.675
PPMVA	1.000	.258
Total		1.564

## Lampiran 8:

## Hasil Input Data Analisis Faktor IOS

NO	KODE	TAHUN	MBVA (Faktor)	MBVE (Faktor)	PPMVA (Faktor)	IOS
1	AISA	2014	0.576	0.810	0.033	1.418
2	AKPI	2014	0.319	0.236	0.486	1.041
3		2015	0.332	0.232	0.423	0.987
4		2016	0.325	0.236	0.433	0.994
5		2017	0.310	0.189	0.514	1.013
6	ALDO	2014	0.680	1.094	0.042	1.816
7		2018	0.448	0.524	0.068	1.041
8	AMFG	2014	0.444	0.486	0.066	0.996
9		2015	0.352	0.362	0.093	0.806
10		2016	0.353	0.349	0.148	0.849
11		2017	0.343	0.318	0.155	0.816

12		2018	0.308	0.192	0.209	0.709
13	AMIN	2016	0.634	0.844	0.028	1.506
14	ARNA	2015	1.186	1.771	0.039	2.996
15		2016	1.154	1.738	0.036	2.927
16		2017	0.777	1.053	0.055	1.885
17		2018	0.888	1.214	0.041	2.143
18	ASII	2014	0.712	1.079	0.020	1.811
19		2015	0.595	0.829	0.024	1.447
20		2016	0.704	1.033	0.019	1.757
21		2017	0.648	0.928	0.021	1.597
22		2018	0.589	0.824	0.025	1.438
23	AUTO	2014	0.687	0.861	0.026	1.574
24		2015	0.335	0.328	0.070	0.733
25		2016	0.356	0.368	0.056	0.780
26		2017	0.381	0.398	0.053	0.832
27		2018	0.399	0.271	0.076	0.746
28	BATA	2014	0.930	1.457	0.028	2.414
29		2015	0.719	0.923	0.032	1.674
30		2016	0.639	0.796	0.034	1.468
31		2017	0.480	0.552	0.046	1.078
32	BELL	2018	0.472	0.577	0.069	1.119
33	BOLT	2015	1.300	1.589	0.024	2.913
34		2016	0.865	1.000	0.036	1.901
35		2017	0.942	1.383	0.039	2.364
36		2018	0.875	1.329	0.041	2.246
37	BUDI	2017	0.298	0.153	0.268	0.718
38		2018	0.309	0.152	0.273	0.734
39	BTON	2015	0.468	0.688	0.027	1.183
40	CEKA	2014	0.305	0.179	0.149	0.633
41		2017	0.357	0.355	0.044	0.757
42		2018	0.349	0.362	0.039	0.749
43	CINT	2015	0.428	0.463	0.076	0.966
44		2016	0.393	0.418	0.092	0.902
45		2017	0.363	0.377	0.107	0.847
46	CPIN	2014	1.389	2.431	0.023	3.843
47		2015	0.890	1.465	0.038	2.393
48		2016	1.012	1.545	0.034	2.590
49		2017	0.954	1.352	0.034	2.341



50		2018	1.849	2.637	0.016	4.502
51	DLTA	2016	1.411	1.707	0.004	3.121
52		2017	1.165	1.386	0.004	2.554
53		2018	1.334	1.617	0.003	2.954
54	DPNS	2018	0.187	0.163	0.014	0.364
55	DVLA	2014	0.264	0.216	0.076	0.556
56		2015	0.225	0.161	0.091	0.477
57		2016	0.248	0.196	0.117	0.562
58		2017	0.264	0.212	0.103	0.579
59	EKAD	2014	0.494	0.580	0.046	1.119
60		2015	0.391	0.413	0.054	0.857
61		2017	0.314	0.316	0.114	0.744
62		2018	0.343	0.356	0.097	0.796
63	FASW	2016	0.736	1.388	0.076	2.200
64		2017	0.718	0.950	0.068	1.735
65		2018	0.955	1.939	0.052	2.946
66	GGRM	2014	0.983	1.521	0.026	2.531
67		2015	0.834	1.202	0.031	2.067
68		2016	0.938	1.341	0.027	2.306
69		2018	1.079	1.539	0.023	2.641
70	GJTL	2014	0.387	0.380	0.102	0.869
71		2017	0.330	0.180	0.140	0.650
72	HMSP	2014	4.458	9.551	0.003	14.012
73		2015	4.706	5.896	0.002	10.604
74		2018	0.247	0.211	0.061	0.518
75	HOKI	2018	1.026	1.329	0.025	2.379
76	ICBP	2014	2.631	4.521	0.006	7.158
77		2015	2.542	4.139	0.007	6.687
78		2016	1.541	2.333	0.011	3.885
79		2017	1.468	2.204	0.012	3.685
80		2018	1.568	2.316	0.014	3.898
81	IGAR	2014	0.453	0.502	0.024	0.978
82		2016	0.648	0.914	0.023	1.585
83		2017	0.345	0.359	0.038	0.742
84	IMPC	2016	1.064	1.745	0.020	2.829
85		2018	0.943	1.429	0.024	2.396
86	INCI	2016	0.123	0.098	0.345	0.566
87		2018	0.190	0.152	0.238	0.580

88	INDF	2014	0.492	0.635	0.048	1.175
89		2015	0.479	0.604	0.017	1.100
90		2016	0.641	0.908	0.012	1.561
91		2017	0.597	0.821	0.014	1.432
92		2018	0.558	0.751	0.019	1.329
93	INDS	2014	0.267	0.249	0.176	0.691
94		2017	0.185	0.166	0.224	0.575
95		2018	0.284	0.287	0.132	0.702
96	INTP	2014	1.346	1.616	0.022	2.983
97		2015	1.255	1.486	0.027	2.768
98		2016	0.812	0.936	0.042	1.790
99		2017	1.190	1.420	0.030	2.640
100		2018	1.052	1.262	0.035	2.350
101	ISSP	2016	0.328	0.246	0.157	0.731
102	JECC	2016	0.351	0.243	0.173	0.767
103		2018	0.383	0.356	0.141	0.880
104	JPFA	2014	0.530	0.844	0.067	1.441
105		2016	0.555	0.764	0.058	1.378
106		2017	0.500	0.654	0.064	1.218
107		2018	0.666	1.065	0.042	1.773
108	KAEF	2014	1.263	1.939	0.011	3.213
109		2015	0.774	1.120	0.022	1.916
110		2016	1.541	2.902	0.010	4.453
111		2017	1.226	2.516	0.017	3.759
112		2018	0.876	1.857	0.026	2.759
113	KBLI	2014	0.288	0.256	0.095	0.638
114		2016	0.357	0.361	0.071	0.790
115		2017	0.393	0.412	0.086	0.891
116		2018	0.301	0.257	0.102	0.661
117	KBLM	2015	0.312	0.215	0.295	0.822
118		2016	0.371	0.362	0.142	0.874
119	KIAS	2014	0.435	0.469	0.108	1.012
120	KINO	2016	0.695	0.957	0.045	1.698
121		2017	0.525	0.636	0.066	1.227
122		2018	0.607	0.789	0.057	1.454
123	KLBF	2014	1.318	1.669	0.015	3.001
124		2015	1.904	2.441	0.010	4.356
125		2016	1.955	2.459	0.011	4.425

126		2017	1.990	2.461	0.011	4.461
127		2018	1.648	2.011	0.014	3.672
128	KMTR	2017	0.626	0.967	0.026	1.619
129	KRAH	2014	0.909	1.819	0.016	2.743
130	LION	2014	3.345	4.902	0.003	8.250
131		2015	0.461	0.519	0.031	1.011
132		2016	0.448	0.501	0.033	0.981
133		2017	0.371	0.380	0.034	0.785
134	LMSH	2014	1.853	2.373	0.008	4.234
135		2015	0.231	0.212	0.070	0.513
136		2016	0.253	0.208	0.153	0.615
137		2017	0.233	0.205	0.128	0.565
138	MAIN	2017	0.399	0.420	0.156	0.975
139		2018	0.518	0.711	0.080	1.308
140	MARK	2018	2.015	2.739	0.016	4.771
141	MERK	2014	1.689	2.228	0.005	3.922
142		2015	0.181	0.108	0.118	0.407
143		2016	0.175	0.120	0.106	0.401
144		2017	0.181	0.105	0.150	0.436
145	MLBI	2015	0.962	2.069	0.055	3.085
146		2016	1.191	2.768	0.039	3.999
147		2017	1.217	2.483	0.036	3.736
148		2018	1.241	2.650	0.034	3.925
149	MYOR	2016	1.356	2.534	0.016	3.906
150		2017	1.426	2.650	0.014	4.090
151		2018	1.551	2.960	0.011	4.522
152	PBID	2018	0.511	0.603	0.041	1.154
153	PICO	2017	0.319	0.200	0.083	0.603
154		2018	0.329	0.205	0.083	0.617
155	PYFA	2017	0.376	0.388	0.099	0.863
156	RICY	2014	0.308	0.123	0.205	0.636
157		2016	0.305	0.103	0.358	0.767
158		2017	0.305	0.097	0.319	0.721
159	ROTI	2014	1.544	3.173	0.035	4.752
160		2016	1.323	2.423	0.033	3.779
161		2017	0.852	1.207	0.038	2.097
162		2018	0.817	1.098	0.044	1.959
163	SCCO	2014	0.404	0.433	0.059	0.896

164		2016	0.449	0.529	0.035	1.012
165		2017	0.315	0.293	0.147	0.755
166		2018	0.295	0.265	0.151	0.711
167	SIDO	2017	1.078	1.218	0.024	2.321
168		2018	1.575	1.868	0.020	3.463
169	SKBM	2014	0.775	1.275	0.042	2.091
170	SKLT	2014	0.487	0.651	0.091	1.230
171		2015	0.273	0.292	0.076	0.642
172		2016	0.344	0.310	0.157	0.811
173		2017	0.690	1.066	0.059	1.815
174		2018	0.780	1.319	0.046	2.145
175	SMBR	2015	0.393	0.419	0.044	0.856
176		2016	2.650	3.796	0.020	6.466
177		2017	3.138	4.769	0.016	7.924
178		2018	1.519	3.634	0.035	5.188
179	SMCB	2014	0.595	0.842	0.111	1.548
180		2015	0.384	0.389	0.190	0.963
181	SMGR	2014	1.239	1.659	0.033	2.931
182		2015	0.828	1.064	0.058	1.950
183		2016	0.621	0.768	0.085	1.474
184		2017	0.637	0.833	0.078	1.547
185		2018	0.683	0.899	0.069	1.651
186	SMSM	2014	1.716	2.630	0.012	4.358
187		2015	1.387	2.054	0.017	3.457
188		2016	1.131	1.541	0.023	2.695
189		2017	1.295	1.706	0.015	3.016
190		2018	1.255	1.618	0.015	2.888
191	SQBB	2014	0.174	0.126	0.126	0.426
192		2015	0.189	0.131	0.129	0.449
193		2016	0.195	0.131	0.120	0.446
194	TALF	2014	0.761	0.951	0.026	1.739
195		2015	0.581	0.667	0.035	1.283
196		2016	0.320	0.326	0.154	0.799
197		2017	0.316	0.319	0.155	0.789
198		2018	0.195	0.053	0.203	0.452
199	TCID	2014	1.082	3.920	0.042	5.044
200		2015	0.878	1.609	0.043	2.531

201		2016	0.538	0.608	0.057	1.204
202		2017	0.701	0.836	0.041	1.578
203		2018	0.650	0.759	0.044	1.454
204	TOTO	2014	0.951	1.505	0.031	2.487
205		2017	0.763	1.073	0.028	1.863
206	TRIS	2014	0.452	0.520	0.049	1.021
207		2015	0.393	0.411	0.063	0.867
208		2016	0.406	0.437	0.060	0.904
209		2017	0.379	0.391	0.064	0.834
210		2018	0.323	0.279	0.086	0.688
211	TRST	2014	0.318	0.262	0.203	0.783
212		2015	0.273	0.192	0.247	0.712
213		2016	0.270	0.188	0.259	0.717
214		2017	0.291	0.229	0.228	0.749
215	TSPC	2014	1.037	1.363	0.020	2.420
216		2015	0.631	0.784	0.033	1.447
217		2016	0.663	0.825	0.033	1.521
218		2017	0.567	0.688	0.039	1.294
219	ULTJ	2014	6.034	8.189	0.004	14.227
220		2017	1.240	1.534	0.015	2.789
221		2018	1.189	1.410	0.015	2.614
222	WIIM	2014	0.544	0.669	0.038	1.251
223		2015	0.391	0.413	0.057	0.861
224		2016	0.383	0.402	0.055	0.841
225		2017	0.282	0.269	0.074	0.625
226	WSBP	2017	0.496	0.634	0.048	1.179
227		2018	0.457	0.543	0.079	1.079
228	WTON	2014	1.372	2.220	0.024	3.616
229		2015	0.850	1.371	0.043	2.264
230		2017	0.494	0.682	0.099	1.275
231		2018	0.410	0.451	0.129	0.990
232	VOKS	2017	0.496	0.687	0.038	1.221

## Lampiran 9:

Hasil Input Data DPR (*Data Dividend Payout Ratio*)

NO	KODE	TAHUN	DPS	EPS	DPR
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1	AISA	2014	8.5	110.61	0.077
2	AKPI	2014	17	57	0.298
3		2015	8	45	0.178
4		2016	9	86	0.105
5		2017	22	12	1.833
6	ALDO	2014	1.5	19.98	0.075
7		2018	1.6	28.33	0.056
8	AMFG	2014	80	1,069	0.075
9		2015	80	786	0.102
10		2016	80	600	0.133
11		2017	80	89	0.899
12		2018	30	15	2
13	AMIN	2016	8	26.64	0.3
14	ARNA	2015	12	9.51	1.262
15		2016	5	12.32	0.406
16		2017	5	16.46	0.304
17		2018	12	21.33	0.563
18	ASII	2014	216	474	0.456
19		2015	216	357	0.605
20		2016	168	374	0.449
21		2017	55	466	0.118
22		2018	174.36	535	0.326
23	AUTO	2014	83.5	180	0.464
24		2015	72	66	1.091
25		2016	9	87	0.103
26		2017	35	114	0.307
27		2018	46	127	0.362
28	BATA	2014	28.57	55	0.521
29		2015	21.78	99.63	0.219
30		2016	18.22	32.49	0.561
31		2017	15.69	41.27	0.38
32	BELL	2018	3	14.79	0.203
33	BOLT	2015	55.46	59	2
34		2016	25	46	0.543
35		2017	27.77	39.6	0.701
36		2018	32	32.05	0.998
37	BUDI	2017	2.5	9.13	0.274
38		2018	4	10.68	0.375

39	BTON	2015	55.46	59	0.94
40	CEKA	2014	100	69	1.449
41		2017	150	181	0.829
42		2018	45	156	0.288
43	CINT	2015	6	20.12	0.298
44		2016	8	14	0.571
45		2017	5	27.66	0.181
46	CPIN	2014	46	107	0.43
47		2015	18	112	0.161
48		2016	29	135	0.215
49		2017	56	152	0.368
50		2018	56	278	0.201
51	DLTA	2016	180	5,000	0.036
52		2017	180	348	0.517
53		2018	260	291	0.893
54	DPNS	2018	3	31.46	0.095
55	DVLA	2014	34.5	73	0.473
56		2015	40	97	0.412
57		2016	65	136	0.478
58		2017	35	145	0.241
59	EKAD	2014	9	58	0.155
60		2015	9	67	0.134
61		2017	16	108	0.148
62		2018	18	103	0.175
63	FASW	2016	24	313.98	0.076
64		2017	55	240.47	0.229
65		2018	100	567.16	0.176
66	GGRM	2014	800	2,810	0.285
67		2015	800	3,345	0.239
68		2016	2,600	3,470	0.749
69		2018	2,600	4,050	0.642
70	GJTL	2014	10	283.02	0.035
71		2017	5	12.92	0.387
72	HMSP	2014	2,430	2,306	1.054
73		2015	1.76	2,326	0.001
74		2018	107.3	116	0.925
75	HOKI	2018	6	38	0.158
76	ICBP	2014	190	454	0.419

77		2015	222	515	0.431
78		2016	256	309	0.828
79		2017	154	326	0.472
80		2018	162	392	0.413
81	IGAR	2014	10	33.6	0.298
82		2016	5	48.12	0.626
83		2017	4	53.5	0.075
84	IMPC	2016	20	21.22	0.943
85		2018	3	17.88	0.168
86	INCI	2016	10	55	0.182
87		2018	6.06	85	0.071
88	INDF	2014	142	70	2.029
89		2015	220	45	4.889
90		2016	168	472	0.356
91		2017	235	475	0.495
92		2018	65	474	0.137
93	INDS	2014	100	193.27	0.517
94		2017	50	173.75	0.288
95		2018	100	169.24	0.591
96	INTP	2014	900	1,437	0.626
97		2015	1.35	1.183	1.141
98		2016	415	1,051	0.395
99		2017	929	505.22	1.839
100		2018	699.77	311.29	2.248
101	ISSP	2016	5	14.55	0.137
102	JECC	2016	400	875.81	0.457
103		2018	200	584.83	0.342
104	JPFA	2014	10	32	0.313
105		2016	15	189	0.079
106		2017	50	88	0.568
107		2018	50	187	0.267
108	KAEF	2014	9.66	46.08	0.21
109		2015	8.96	44.81	0.2
110		2016	9.63	48.15	0.2
111		2017	9.63	58.54	0.165
112		2018	17.66	74.88	0.236
113	KBLI	2014	4	17.97	0.223
114		2016	7	83	0.084



115		2017	10	90.22	0.111
116		2018	8	62.58	0.128
117	KBLM	2015	5	11	0.455
118		2016	3	19	0.158
119	KIAS	2014	1.51	5.04	0.3
120	KINO	2016	37	126	0.294
121		2017	37	126	0.294
122		2018	27	105	0.257
123	KLBF	2014	17	44.08	0.386
124		2015	19	42.76	0.444
125		2016	19	49.06	0.387
126		2017	19	49.06	2.029
127		2018	25	55.42	0.451
128	KMTR	2017	25.45	59.19	2.222
129	KRAH	2014	17.39	33	0.079
130	LION	2014	400	94	4.255
131		2015	400	88	4.545
132		2016	40	81	0.494
133		2017	40	18	2.222
134	LMSH	2014	20	79	0.253
135		2015	10	20	0.5
136		2016	5	65	0.077
137		2017	10	135	2.029
138	MAIN	2017	38	22	1.727
139		2018	16	127	0.126
140	MARK	2018	15	92.77	0.815
141	MERK	2014	6,250	8,132	0.769
142		2015	6,500	2,463	2.639
143		2016	275	343	0.802
144		2017	260	323	0.805
145	MLBI	2015	138	236	0.585
146		2016	344	466	2.826
147		2017	511	627	0.074
148		2018	47	581	3.521
149	MYOR	2016	21	61	0.344
150		2017	27	71	0.38
151		2018	27	77	0.351
152	PBID	2018	43	157.07	0.274

153	PICO	2017	5	29.35	0.17
154		2018	2	31.05	0.064
155	PYFA	2017	2.9	13.32	0.218
156	RICY	2014	4	22.13	0.181
157		2016	3	17.88	0.168
158		2017	3	17.88	0.168
159	ROTI	2014	3.12	37.27	0.084
160		2016	10.61	55.31	0.192
161		2017	13.73	27.66	0.496
162		2018	5.82	28.07	0.207
163	SCCO	2014	150	665	0.226
164		2016	225	1,656	0.136
165		2017	300	1,310	0.229
166		2018	350	1,280	0.273
167	SIDO	2017	26	35.9	0.724
168		2018	29	44.6	2.029
169	SKBM	2014	12.44	82.8	0.15
170	SKLT	2014	4	25.1	0.159
171		2015	5	29.55	0.169
172		2016	6	30	0.2
173		2017	5	33.6	0.149
174		2018	7	46.69	0.15
175	SMBR	2015	8.34	36	0.232
176		2016	9	26	0.346
177		2017	3.69	15	0.15
178		2018	4	8	0.5
179	SMCB	2014	90	86	1.047
180		2015	65	23	2.826
181	SMGR	2014	407.42	937	0.435
182		2015	375.34	762	0.493
183		2016	375.34	762	0.493
184		2017	304.92	340	0.897
185		2018	135.83	519	0.262
186	SMSM	2014	125	271	0.461
187		2015	100	297	0.337
188		2016	150	79	1.899
189		2017	40	87	0.46
190		2018	40	97	0.412

191	SQBB	2014	14	16,314	0.001
192		2015	16	14.53	2.826
193		2016	16,000	16,146	0.991
194	TALF	2014	2.5	43	0.058
195		2015	4	25	2.639
196		2016	3	22	0.136
197		2017	3	16	0.188
198		2018	30	100	0.3
199	TCID	2014	370	874	0.423
200		2015	390	2,708	0.144
201		2016	410	806	2.826
202		2017	410	891	0.46
203		2018	410	861	3.521
204	TOTO	2014	250	299	0.836
205		2017	13	27.2	0.478
206	TRIS	2014	9.5	23.18	0.41
207		2015	9.5	21.49	0.442
208		2016	8	5.35	1.495
209		2017	5	1.42	3.521
210		2018	5	5.66	0.883
211	TRST	2014	5	11	0.455
212		2015	5	9	0.556
213		2016	5	12	0.417
214		2017	5	14	0.357
215	TSPC	2014	75	129	0.581
216		2015	64	116	0.552
217		2016	50	119	0.42
218		2017	50	121	0.413
219	ULTJ	2014	12	98	0.122
220		2017	26	61	0.426
221		2018	10	60	0.167
222	WIIM	2014	18.9	53.59	0.353
223		2015	13.5	62.34	0.217
224		2016	25	50.56	0.494
225		2017	15.5	19.31	2.639
226	WSBP	2017	12	38.64	0.311
227		2018	30.6	42.62	0.718
228	WTON	2014	30	37.84	0.793

229		2015	11.82	19.95	0.592
230		2017	9.8	38.68	0.253
231		2018	12.13	55.8	0.217
232	VOKS	2017	20	39.99	0.5

Lampiran 10:

Hasil Uji Asumsi Klasik

1) Statistik Deskriptif

	N	Minimum	Maximum	Mean	Std. Deviation
ROA	232	.001	.527	.10137	.087475
CR	232	.003	8.638	2.56675	1.629679
DER	232	.091	2.417	.71972	.518426
IOS	232	.364	14.227	2.04450	1.985341
DPR	232	.001	4.889	.64075	.822263
Valid N (listwise)	232				

2) Uji Normalitas

		Unstandardized Residual
N		232
Normal Parameters <sup>a</sup>	Mean	.0000000
	Std. Deviation	.62315279
Most Extreme Differences	Absolute	.139
	Positive	.139
	Negative	-.075
Kolmogorov-Smirnov Z		2.112
Asymp. Sig. (2-tailed)		.000

a. Test distribution is Normal.

3) Uji Multikolinearitas

Model		Collinearity Statistics	
		Tolerance	VIF
1	ROA	.822	1.216
	CR	.723	1.382
	DER	.812	1.231
	IOS	.948	1.054

a. Dependent Variable: DPR

## 4) Uji Heterokedastisitas

**Coefficients<sup>a</sup>**

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.293	.100		2.925	.004
	ROA	.511	.382	.095	1.336	.183
	CR	.040	.022	.139	1.838	.067
	DER	-.073	.065	-.080	-1.126	.261
	IOS	.012	.016	.051	.765	.445

a. Dependent Variable: ABS\_RES

## 5) Uji Autokorelasi

**Model Summary<sup>b</sup>**

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	.652 <sup>a</sup>	.426	.416	.628619	1.848

a. Predictors: (Constant), IOS, DER, ROA, CR

b. Dependent Variable: DPR

## 6) Uji Regresi Linier Berganda

**Coefficients<sup>a</sup>**

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.232	.137		-1.697	.091
	ROA	4.329	.521	.461	8.302	.000
	CR	.174	.030	.346	5.845	.000
	DER	.163	.089	.103	1.847	.066
	IOS	-.064	.021	-.155	-3.003	.003

a. Dependent Variable: DPR