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Lampiran 1 Rasio Modal Kerja terhadap Total Aset (X_1)

Rasio Modal Kerja terhadap Total Aset
(Working Capital to Total Assets Ratio)

No.	Nama Perusahaan	Kode Perusahaan	Keterangan	Tahun			
				2016	2017	2018	2019
1	PT Ace Hardware Indonesia Tbk	ACES	AL	2.822.069.744.478	3.358.272.302.312	4.096.280.475.383	4.584.328.815.680
			HJP	388.653.022.672	478.208.556.747	631.055.459.387	567.618.484.153
			AL-HJP	2.433.416.721.806	2.880.063.745.565	3.465.225.015.996	4.016.710.331.527
			Total Asset	3.731.101.667.891	4.428.840.550.479	5.321.180.855.541	5.920.169.803.449
			X_1	0,6522	0,6503	0,6512	0,6785
2	PT Sumber Alfaria Trijaya Tbk	AMRT	AL	10.232.917	11.544.190	12.791.052	14.782.817
			HJP	11.420.080	13.055.903	11.126.956	13.167.601
			AL-HJP	-1.187.163	-1.511.713	1.664.096	1.615.216
			Total Asset	19.474.367	21.901.740	22.165.968	23.992.313
			X_1	-0,0610	-0,0690	0,0751	0,0673
3	PT Catur Sentosa Adiprana Tbk	CSAP	AL	3.134.576.683	3.662.499.520	4.073.688.839	4.502.446.283
			HJP	2.492.613.396	3.159.792.330	3.303.328.257	3.956.848.238
			AL-HJP	641.963.287	502.707.190	770.360.582	545.598.045
			Total Asset	4.240.820.322	5.138.259.285	5.785.287.553	6.584.587.023
			X_1	0,1514	0,0978	0,1332	0,0829

Lanjutan tabel lampiran 1

No.	Nama Perusahaan	Kode Perusahaan	Keterangan	Tahun			
				2016	2017	2018	2019
4	PT Duta Intidaya Tbk	DAYA	AL	137.984.014	189.712.241	287.204.854	321.475.087
			HJP	78.289.122	121.112.835	238.168.553	411.740.929
			AL-HJP	59.694.892	68.599.406	49.036.301	-90.265.842
			Total Asset	199.332.019	275.708.556	411.861.480	730.497.952
			X ₁	0,2995	0,2488	0,1191	-0,1236
5	PT Electronic City Indonesia Tbk	ECII	AL	1.250.758.278.498	1.302.968.100.459	1.267.234.842.147	1.234.306.825.495
			HJP	121.582.650.739,00	141.923.244.622,00	150.800.434.062,00	184.187.323.403
			AL-HJP	1.129.175.627.759	1.161.044.855.837	1.116.434.408.085	1.050.119.502.092
			Total Asset	1.881.545.933.066	1.899.930.632.192	1.938.181.518.461	1.946.189.178.194
			X ₁	0,6001	0,6111	0,5760	0,5396
6	PT Erajaya Swasembada Tbk	ERAA	AL	5.168.222.743.605	6.684.618.036.307	10.053.691.913	6.944.525.743
			HJP	3.935.217.294.429	5.048.720.022.178	7.740.591.920	4.615.531.135
			AL-HJP	1.233.005.449.176	1.635.898.014.129	2.313.099.993	2.328.994.608
			Total Asset	7.424.604.403.847	8.873.875.493.055	12.682.902.626	9.747.703.198
			X ₁	0,1661	0,1843	0,1824	0,2389
7	PT Global Teleshop Tbk	GLOB	AL	40.903.659.907	32.500.867.639	22.136.300.869	6.415.449.405
			HJP	257.403.914.084	247.283.351.333	258.420.563.998	300.809.467.631
			AL-HJP	-216.500.254.177	-214.782.483.694	-236.284.263.129	-294.394.018.226
			Total Asset	74.599.266.089	60.812.090.345	37.180.128.513	300.809.467.631
			X ₁	-2,9022	-3,5319	-6,3551	-0,9787

Lanjutan tabel lampiran 1

No.	Nama Perusahaan	Kode Perusahaan	Keterangan	Tahun			
				2016	2017	2018	2019
8	PT Hero Supermarket Tbk	HERO	AL	2.817.240	2.544.725	2.845.304	2.417.001
			HJP	1.970.941	2.001.461	2.174.008	2.038.174
			AL-HJP	846.299	543.264	671.296	378.827
			Total Asset	7.487.033	7.363.144	6.154.748	6.054.384
			X ₁	0,1130	0,0738	0,1091	0,0626
9	PT Kioson Komersial Indonesia Tbk	KIOS	AL	3.657.977.553	218.813.621.823	221.999.958.382	247.730.118.201
			HJP	3.969.889.872	155.814.019.595	138.165.150.765	166.247.720.397
			AL-HJP	-311.912.319	62.999.602.228	83.834.807.617	81.482.397.804
			Total Asset	35.738.968.439	249.610.875.205	249.644.757.376	274.525.987.806
			X ₁	-0,0087	0,2524	0,3358	0,2968
10	PT Kokoh Inti Arebama Tbk	KOIN	AL	652.906.785.206	700.601.436.035	803.042.816.102	592.578.908.193
			HJP	562.685.685.627	609.522.247.224	734.503.822.439	553.865.655.830
			AL-HJP	90.221.099.579	91.079.188.811	68.538.993.663	38.713.252.363
			Total Asset	708.069.212.062	743.789.368.008	855.572.807.455	652.346.214.573
			X ₁	0,1274	0,1225	0,0801	0,0593
11	PT Matahari Department Store Tbk	LPPF	AL	2.974.052	2.973.749	3.014.408	2.748.781
			HJP	2.588.354	2.610.824	2.739.811	2.597.839
			AL-HJP	385.698	362.925	274.597	150.942
			Total Asset	4.858.878	5.427.426	5.036.396	4.832.910
			X ₁	0,0794	0,0669	0,0545	0,0312

Lanjutan lampiran 1

No.	Nama Perusahaan	Kode Perusahaan	Keterangan	Tahun			
				2016	2017	2018	2019
12	PT Mitra Adiperkasa Tbk	MAPI	AL	2.159.009.646	1.773.410.303	7.312.798	8.160.173
			HJP	1.787.269.824	1.161.310.667	5.418.884	5.673.585
			AL-HJP	371.739.822	612.099.636	1.893.914	2.486.588
			Total Asset	6.091.238.796	6.260.999.145	12.632.671	13.937.115
			X ₁	0,0610	0,0978	0,1499	0,1784
13	PT Midi Utama Indonesia Tbk	MIDI	AL	1.720.167	1.970.840	2.174.526	2.255.382
			HJP	2.245.119	2.732.215	2.959.873	2.898.464
			AL-HJP	-524.952	-761.375	-785.347	-643.082
			Total Asset	4.261.283	4.878.115	4.960.145	4.990.309
			X ₁	-0,1232	-0,1561	-0,1583	-0,1289
14	PT Mitra Komunikasi Nusantara Tbk	MKNT	AL	149.728.404.901	863.412.945.202	761.294.934.968	709.841.405.850
			HJP	23.886.859.650	665.248.549.440	558.243.039.723	171.710.454.969
			AL-HJP	125.841.545.251	198.164.395.762	203.051.895.245	538.130.950.881
			Total Asset	157.848.592.051	968.128.268.255	855.096.628.586	741.824.867.681
			X ₁	0,7972	0,2047	0,2375	0,7254
15	PT Matahari Putra Prima Tbk	MPPA	AL	4.102.458	2.485.833	2.472.849	1.904.047
			HJP	3.333.880	3.876.194	2.887.516	2.618.390
			AL-HJP	768.578	-1.390.361	-414.667	-714.343
			Total Asset	6.701.734	5.427.059	4.808.545	3.820.809
			X ₁	0,1147	-0,2562	-0,0862	-0,1870

Lanjutan lampiran 1

No.	Nama Perusahaan	Kode Perusahaan	Keterangan	Tahun			
				2016	2017	2018	2019
16	PT Ramayana Lestari Sentosa Tbk	RALS	AL	2.830.815	3.093.496	3.557.488	4.017.659
			HJP	1.008.981	1.048.640	1.093.095	1.135.638
			AL-HJP	1.821.834	2.044.856	2.464.393	2.882.021
			Total Asset	4.647.009	4.891.922	5.243.047	5.649.823
			X ₁	0,3920	0,4180	0,4700	0,5101
17	PT Supra Boga Lestari Tbk	RANC	AL	405.493.726.841	483.421.701.709	544.178.319.988	589.611.662.008
			HJP	254.396.030.475	302.213.795.172	348.666.837.381	348.625.244.359
			AL-HJP	151.097.696.366	181.207.906.537	195.511.482.607	240.986.417.649
			Total Asset	721.237.977.450	804.020.324.861	904.003.739.438	952.496.300.846
			X ₁	0,2095	0,2254	0,2163	0,2530
18	PT Rimo Catur Lestari Tbk	RIMO	AL	683.036.140	628.224.463	338.133.699.860	85.493.142.623
			HJP	53.319.874.434	52.840.241.506	1.071.127.830.409	553.902.283.271
			AL-HJP	-52.636.838.294	-52.212.017.043	-732.994.130.549	-468.409.140.648
			Total Asset	4.794.706.284.810	5.931.495.055.102	6.514.551.004.299	6.741.395.030.252
			X ₁	-0,0110	-0,0088	-0,1125	-0,0695
19	PT Skybee Tbk	SKYB	AL	6.264.887.443	3.632.044.446	1.179.772.615	5.131.779.222
			HJP	956.361.674	505.863.394	715.983.289	7.582.404.369
			AL-HJP	5.308.525.769	3.126.181.052	463.789.326	-2.450.625.147
			Total Asset	35.293.559.809	33.127.001.121	31.263.081.070	38.152.673.331
			X ₁	0,1504	0,0944	0,0148	-0,0642

Lanjutan lampiran 1

No.	Nama Perusahaan	Kode Perusahaan	Keterangan	Tahun			
				2016	2017	2018	2019
20	PT Sona Topas Tourism Industry Tbk	SONA	AL	726.322.485.853	865.987.069.054	998.371.024.853	928.839.065.707
			HJP	288.873.806.610	519.000.875.946	389.766.603.918	279.749.502.868
			AL-HJP	437.448.679.243	346.986.193.108	608.604.420.935	649.089.562.839
			Total Asset	1.031.213.478.568	1.168.455.139.281	1.250.810.082.430	1.146.930.222.568
			X ₁	0,4242	0,2970	0,4866	0,5659
21	PT Tiphone Mobile Indonesia Tbk	TELE	AL	7.472.601	8.097.296	7.609.754	8.480.189
			HJP	1.247.690	4.740.754	1.466.633	1.702.606
			AL-HJP	6.224.911	3.356.542	6.143.121	6.777.583
			Total Asset	8.215.481	8.807.462	8.339.085	9.226.188
			X ₁	0,7577	0,3811	0,7367	0,7346
22	PT Trikomsel Oke Tbk	TRIO	AL	228.937.342.571	283.534.364.233	128.387.536.230	130.804.822.556
			HJP	4.204.061.085.053	973.027.565.792	3.778.624.428.097	908.609.270.802
			AL-HJP	-3.975.123.742.482	-689.493.201.559	-3.650.236.891.867	-777.804.448.246
			Total Asset	430.032.185.417	266.119.940.193	193.663.107.384	202.380.143.138
			X ₁	-9,2438	-2,5909	-18,8484	-3,8433
23	PT M Cash Integrasi Tbk	MCAS	AL	15.403.599.876	126.575.002.851	1.270.088.532.440	1.589.660.177.240
			HJP	9.834.446.675	56.066.973.552	324.425.588.571	390.863.181.289
			AL-HJP	5.569.153.201	70.508.029.299	945.662.943.869	1.198.796.995.951
			Total Asset	15.443.423.626	568.397.002.684	1.438.021.142.032	1.799.168.722.352
			X ₁	0,3606	0,1240	0,6576	0,6663

Keterangan:

AL : Aset Lancar

HJB : Hutang Jangka Pendek

Lampiran 2 Rasio Laba Ditahan Terhadap Total Aset (X₂)

Rasio Laba Ditahan Terhadap Total Aset
(Retained Earnings to Total Assets Ratio)

No.	Nama Perusahaan	Kode Perusahaan	Keterangan	Tahun			
				2016	2017	2018	2019
1	PT Ace Hardware Indonesia Tbk	ACES	LBSP	706.150.082.276	780.686.814.661	976.273.356.597	1.036.610.556.510
			Dividen	-262.862.462.940	-281.126.283.417	-389.343.686.991	-483.562.258.825
			LBSP - Dividen	969.012.545.216	1.061.813.098.078	1.365.617.043.588	1.520.172.815.335
			Total Asset	3.731.101.667.891	4.428.840.550.479	5.321.180.855.541	5.920.169.803.449
			X ₂	0,2597	0,2397	0,2566	0,2568
2	PT Sumber Alfaria Trijaya Tbk	AMRT	LBSP	553.835	257.735	668.426	1.138.888
			Dividen	-180.632	-180.632	-90.108	-109.625
			LBSP - Dividen	734.467	438.367	758.534	1.248.513
			Total Asset	19.474.367	21.901.740	22.165.968	23.992.313
			X ₂	0,0377	0,0200	0,0342	0,0520
3	PT Catur Sentosa Adiprana Tbk	CSAP	LBSP	74.636.924	89.022.191	89.609.693	68.480.112
			Dividen	-7.237.595	-14.185.685	-20.132.212	-21.793.412
			LBSP - Dividen	81.874.519	103.207.876	109.741.905	90.273.524
			Total Asset	4.240.820.320	5.138.259.285	5.785.287.553	6.584.587.023
			X ₂	0,0193	0,0201	0,0190	0,0137

Lanjutan lampiran 2

No.	Nama Perusahaan	Kode Perusahaan	Keterangan	Tahun			
				2016	2017	2018	2019
4	PT Duta Intidaya Tbk	DAYA	LBSP	-24.129.836	-3.981.186	5.199.245	18.539.711
			Total Asset	199.332.019	275.708.556	411.861.480	730.497.952
			X ₂	-0,1211	-0,0144	0,0126	0,0254
5	PT Electronic City Indonesia Tbk	ECII	LBSP	-20.720.967.731	-12.497.024.790	20.232.261.511	26.505.033.896
			Dividen	7.366.179.120	-	-	-
			LBSP - Dividen	-28.087.146.851	-12.497.024.790	20.232.261.511	26.505.033.896
			Total Asset	1.881.545.933.066	1.899.930.632.192	1.938.181.518.461	1.946.189.178.194
			X ₂	-0,0149	-0,0066	0,0104	0,0136
6	PT Erajaya Swasembada Tbk	ERAA	LBSP	-4.236.069.220	1.396.438.701	22.117.535	-8.613.486
			Dividen	-58.004.640.217	-58.503.492.974	-110.200.000	-159.500.000
			LBSP - Dividen	53.768.570.997	59.899.931.675	132.317.535	150.886.514
			Total Asset	7.424.604.403.847	8.873.875.493.055	12.682.902.626	9.747.703.198
			X ₂	0,0072	0,0068	0,0104	0,0155
7	PT Global Teleshop Tbk	GLOB	LBSP	-117.868.375.622	-14.563.486.536	-21.280.240.845	-39.659.926.413
			Total Asset	74.599.266.089	60.812.090.345	37.180.128.513	300.809.467.631
			X ₂	-1,5800	-0,2395	-0,5724	-0,1318
8	PT Hero Supermarket Tbk	HERO	LBSP	122.817	-67.634	-1.257.255	65.673
			Total Asset	7.487.033	7.363.144	6.154.748	6.054.384
			X ₂	0,0164	-0,0092	-0,2043	0,0108

Lanjutan lampiran 2

No.	Nama Perusahaan	Kode Perusahaan	Keterangan	Tahun			
				2016	2017	2018	2019
9	PT Kioson Komersial Indonesia Tbk	KIOS	LBSP	-11.299.020.645	2.872.895.917	1.559.946.900	-5.329.200.311
			Total Asset	35.738.968.439	249.610.875.205	249.644.757.376	274.525.987.806
			X ₂	-0,3162	0,0115	0,0062	-0,0194
10	PT Kokoh Inti Arebama Tbk	KOIN	LBSP	-2.625.877.271	-9.660.298.470	-8.484.511.970	-17.051.294.670
			Total Asset	708.069.212.062	743.789.368.008	855.572.807.455	652.346.214.573
			X ₂	-0,0037	-0,0130	-0,0099	-0,0261
11	PT Matahari Department Store Tbk	LPPF	LBSP	1.995.902	1.886.765	1.146.299	1.400.225
			Dividen	-1.246.826	-1.414.023	-1.334.948	-933.600
			LBSP - Dividen	3.242.728	3.300.788	2.481.247	2.333.825
			Total Asset	4.858.878	5.427.426	5.036.396	4.832.910
			X ₂	0,6674	0,6082	0,4927	0,4829
12	PT Mitra Adiperkasa Tbk	MAPI	LBSP	208.475.635	350.081.265	883.771	1.163.507
			Dividen		-41	-66	-165.396
			LBSP - Dividen	208.475.635	350.081.306	883.837	1.328.903
			Total Asset	6.091.238.796	6.260.999.145	12.632.671	13.937.115
			X ₂	0,0342	0,0559	0,0700	0,0953

Lanjutan lampiran 2

No.	Nama Perusahaan	Kode Perusahaan	Keterangan	Tahun			
				2016	2017	2018	2019
13	PT Midi Utama Indonesia Tbk	MIDI	LBSP	196.043	102.812	159.154	20.307
			Dividen	-43.235	-59.088	-30.841	-48
			LBSP - Dividen	239.278	161.900	189.995	20.355
			Total Asset	4.261.283	4.878.115	4.960.145	4.990.309
			X ₂	0,0562	0,0332	0,0383	0,0041
14	PT Mitra Komunikasi Nusantara Tbk	MKNT	LBSP	2.297.528.116	37.920.002.187	-1.426.324.779	-121.152.314.807
			Total Asset	157.848.592.051	968.128.268.255	855.096.628.586	741.824.867.681
			X ₂	0,0146	0,0392	-0,0017	-0,1633
15	PT Matahari Putra Prima Tbk	MPPA	LBSP	32.568	-385.606	-335.852	-265.788
			Dividen	-	-139.827	-	-
			LBSP - Dividen	32.568	-245.779	-335.852	-265.788
			Total Asset	6.701.734	5.427.059	4.808.545	3.820.809
			X ₂	0,0049	-0,0453	-0,0698	-0,0696
16	PT Ramayana Lestari Sentosa Tbk	RALS	LBSP	408.479	40.658	587.105	647.898
			Dividen	-206.529	-242.021	-268.913	-337.141
			LBSP - Dividen	615.008	282.679	856.018	985.039
			Total Asset	4.647.009	4.891.922	5.243.047	5.649.823
			X ₂	0,1323	0,0578	0,1633	0,1743

Lanjutan lampiran 2

No.	Nama Perusahaan	Kode Perusahaan	Keterangan	Tahun			
				2016	2017	2018	2019
17	PT Supra Boga Lestari Tbk	RANC	LBSP	39.554.411.845	37.685.584.998	49.966.984.744	55.464.434.251
			Dividen	-	-7.822.437.500	-7.822.437.500	-10.951.412.500
			LBSP - Dividen	39.554.411.845	45.508.022.498	57.789.422.244	66.415.846.751
			Total Asset	721.237.977.450	804.020.324.861	904.003.739.438	952.496.300.846
			X ₂	0,0548	0,0566	0,0639	0,0697
18	PT Rimo Catur Lestari Tbk	RIMO	LBSP	-2.055.321.187.650	31.127.470.993	110.091.874.260	80.613.040.319
			Total Asset	4.794.706.284.810	5.931.495.055.102	6.514.551.004.299	6.741.395.030.252
			X ₂	-0,4287	0,0052	0,0169	0,0120
19	PT Skybee Tbk	SKYB	LBSP	39.116.968.549	-2.256.872.950	-1.227.134.561	-24.028.951
			Total Asset	35.293.559.809	33.127.001.121	31.263.081.070	38.152.673.331
			X ₂	1,1083	-0,0681	-0,0393	-0,0006
20	PT Sona Topas Tourism Industry Tbk	SONA	LBSP	-14.579.695.506	54.071.193.194	123.472.547.151	78.298.581.843
			Dividen	-105.107.157.716			
			LBSP - Dividen	90.527.462.210	54.071.193.194	123.472.547.151	78.298.581.843
			Total Asset	1.031.213.478.568	1.168.455.139.281	1.250.810.082.430	1.146.930.222.568
			X ₂	0,0878	0,0463	0,0987	0,0683

Lanjutan lampiran 2

No.	Nama Perusahaan	Kode Perusahaan	Keterangan	Tahun			
				2016	2017	2018	2019
21	PT Tiphone Mobile Indonesia Tbk	TELE	LBSP	468.878	418.162	432.009	382.521
			Dividen	-92.602	-116.975	-39.798	-36.555
			LBSP - Dividen	561.480	535.137	471.807	419.076
			Total Asset	8.215.481	8.807.462	8.339.085	9.226.188
			X ₂	0,0683	0,0608	0,0566	0,0454
22	PT Trikomsel Oke Tbk	TRIO	LBSP	-504.992.012.209	-189.940.195.572	-14.176.908.538	-40.480.787.810
			Total Asset	430.032.185.417	266.119.940.193	193.663.107.384	202.380.143.138
			X ₂	-1,1743	-0,7137	-0,0732	-0,2000
23	PT M Cash Integrasi Tbk	MCAS	LBSP	2.759.150.774	8.639.539.567	255.145.633.029	212.328.570.495
			Total Asset	15.443.423.626	568.397.002.684	1.438.021.142.032	1.799.168.722.352
			X ₂	0,1787	0,0152	0,1774	0,1180

Keterangan:

LBSP : Laba Bersih Setelah Pajak

Lampiran 3 Rasio EBIT terhadap Total Aset (X₃)

Rasio EBIT terhadap Total Aset
(*Earnings Before Interest and Tax to Total Assets*)

No.	Nama Perusahaan	Kode Perusahaan	Keterangan	Tahun			
				2016	2017	2018	2019
1	PT Ace Hardware Indonesia Tbk	ACES	LBsP	863.127.561.485	959.980.347.383	1.202.709.103.365	1.280.008.338.244
			Total Asset	3.731.101.667.891	4.428.840.550.479	5.321.180.855.541	5.920.169.803.449
			X ₃	0,2313	0,2168	0,2260	0,2162
2	PT Sumber Alfaria Trijaya Tbk	AMRT	LBsP	747.546	381.342	867.131	1.453.898
			Total Asset	19.474.367	21.901.740	22.165.968	23.992.313
			X ₃	0,0384	0,0174	0,0391	0,0606
3	PT Catur Sentosa Adiprana Tbk	CSAP	LBsP	100.896.941	115.130.429	131.939.083	105.046.392
			Total Asset	4.240.820.320	5.138.259.285	5.785.287.553	6.584.587.023
			X ₃	0,0238	0,0224	0,0228	0,0160
4	PT Duta Intidaya Tbk	DAYA	LBsP	-23.586.266	-3.725.989	2.448.671	12.645.238
			Total Asset	199.332.019	275.708.556	411.861.480	730.497.952
			X ₃	-0,1183	-0,0135	0,0059	0,0173
5	PT Electronic City Indonesia Tbk	ECII	LBsP	(33.741.336.231)	(11.806.442.290)	13.510.699.653	26.505.033.896
			Total Asset	1.881.545.933.066	1.899.930.632.192	1.938.181.518.461	1.946.189.178.194
			X ₃	-0,0179	-0,0062	0,0070	0,0136

Lanjutan lampiran 3

No.	Nama Perusahaan	Kode Perusahaan	Keterangan	Tahun			
				2016	2017	2018	2019
6	PT Erajaya Swasembada Tbk	ERAA	LBsP	383.536.614.051	479.656.198.588	1.203.140.844	472.719.996
			Total Asset	7.424.604.403.847	8.873.875.493.055	12.682.902.626	9.747.703.198
			X ₃	0,0517	0,0541	0,0949	0,0485
7	PT Global Teleshop Tbk	GLOB	LBsP	(120.038.363.955)	(12.605.133.764)	(21.050.797.268)	(37.297.602.565)
			Total Asset	74.599.266.089	60.812.090.345	37.180.128.513	300.809.467.631
			X ₃	-1,6091	-0,2073	-0,5662	-0,1240
8	PT Hero Supermarket Tbk	HERO	LBsP	184.449	(251.647)	(1.252.995)	55.728
			Total Asset	7.487.033	7.363.144	6.154.748	6.054.384
			X ₃	0,0246	-0,0342	-0,2036	0,0092
9	PT Kioson Komersial Indonesia Tbk	KIOS	LBsP	(15.058.708.053)	3.602.842.907	3.379.070.964	(4.151.644.141)
			Total Asset	35.738.968.439	249.610.875.205	249.644.757.376	274.525.987.806
			X ₃	-0,4214	0,0144	0,0135	-0,0151
10	PT Kokoh Inti Arebama Tbk	KOIN	LBsP	130.368.081	7.244.550.782	18.325.461.068	15.480.984.182
			Total Asset	708.069.212.062	743.789.368.008	855.572.807.455	652.346.214.573
			X ₃	0,0002	0,0097	0,0214	0,0237
11	PT Matahari Department Store Tbk	LPPF	LBsP	2.532.666	2.396.300	1.575.321	1.763.009
			Total Asset	4.858.878	5.427.426	5.036.396	4.832.910
			X ₃	0,5212	0,4415	0,3128	0,3648

Lanjutan lampiran 3

No.	Nama Perusahaan	Kode Perusahaan	Keterangan	Tahun			
				2016	2017	2018	2019
12	PT Mitra Adiperkasa Tbk	MAPI	LBsP	401.490.328	597.451.062	1.173.417	1.625.502
			Total Asset	6.091.238.796	6.260.999.145	12.632.671	13.937.115
			X ₃	0,0659	0,0954	0,0929	0,1166
13	PT Midi Utama Indonesia Tbk	MIDI	LBsP	254.376	129.235	207.694	278.023
			Total Asset	4.261.283	4.878.115	4.960.145	4.990.309
			X ₃	0,0597	0,0265	0,0419	0,0557
14	PT Mitra Komunikasi Nusantara Tbk	MKNT	LBsP	3.413.803.149	51.456.169.951	9.823.131.713	(114.292.275.998)
			Total Asset	157.848.592.051	968.128.268.255	855.096.628.586	741.824.867.681
			X ₃	0,0216	0,0532	0,0115	-0,1541
15	PT Matahari Putra Prima Tbk	MPPA	LBsP	-459.431	-278.357	-1.070.666	-314.601
			Total Asset	6.701.734	5.427.059	4.808.545	3.820.809
			X ₃	-0,0686	-0,0513	-0,2227	-0,0823
16	PT Ramayana Lestari Sentosa Tbk	RALS	LBsP	465.065	466.592	717.172	733.161
			Total Asset	4.647.009	4.891.922	5.243.047	5.649.823
			X ₃	0,1001	0,0954	0,1368	0,1298
17	PT Supra Boga Lestari Tbk	RANC	LBsP	49.707.851.202	47.109.826.388	59.877.255.323	64.038.406.949
			Total Asset	721.237.977.450	804.020.324.861	904.003.739.438	952.496.300.846
			X ₃	0,0689	0,0586	0,0662	0,0672

Lanjutan lampiran 3

No.	Nama Perusahaan	Kode Perusahaan	Keterangan	Tahun			
				2016	2017	2018	2019
18	PT Rimo Catur Lestari Tbk	RIMO	LBsP	(2.055.338.645.843)	61.932.492.553	110.634.407.215	81.936.007.913
			Total Asset	4.794.706.284.810	5.931.495.055.102	6.514.551.004.299	6.741.395.030.252
			X ₃	-0,4287	0,0104	0,0170	0,0122
19	PT Skybee Tbk	SKYB	LBsP	39.116.968.549	(2.256.872.950)	(1.613.482.173)	(366.580.619)
			Total Asset	35.293.559.809	33.127.001.121	31.263.081.070	38.152.673.331
			X ₃	1,1083	-0,0681	-0,0516	-0,0096
20	PT Sona Topas Tourism Industry Tbk	SONA	LBsP	(5.503.081.803)	69.184.005.689	110.992.786.580	65.426.660.177
			Total Asset	1.031.213.478.568	1.168.455.139.281	1.250.810.082.430	1.146.930.222.568
			X ₃	-0,0053	0,0592	0,0887	0,0570
21	PT Tiphone Mobile Indonesia Tbk	TELE	LBsP	634.448	561.256	581.907	514.421
			Total Asset	8.215.481	8.807.462	8.339.085	9.226.188
			X ₃	0,0772	0,0637	0,0698	0,0558
22	PT Trikomsel Oke Tbk	TRIO	LBsP	(43.721.028.687)	(124.815.870.429)	(14.176.908.538)	(40.480.787.810)
			Total Asset	430.032.185.417	266.119.940.193	193.663.107.384	202.380.143.138
			X ₃	-0,1017	-0,4690	-0,0732	-0,2000
23	PT M Cash Integrasi Tbk	MCAS	LBsP	3.703.637.524	10.607.609.077	105.212.557.943	229.757.191.566
			Total Asset	15.443.423.626	568.397.002.684	1.438.021.142.032	1.799.168.722.352
			X ₃	0,2398	0,0187	0,0732	0,1277

Keterangan:

LBSP : Laba Bersih Sebelum Pajak

Lampiran 4 Rasio Nilai Pasar Modal Sendiri terhadap Total Kewajiban (X₄)

Rasio Nilai Pasar Modal Sendiri terhadap Total Kewajiban
(*Book Value of Equity to Book Value of Liabilities Ratio*)

No.	Nama Perusahaan	Kode Perusahaan	Keterangan	Tahun			
				2016	2017	2018	2019
1	PT Ace Hardware Indonesia Tbk	ACES	JSB	17.150.000.000	17.150.000.000	17.150.000.000	17.150.000.000
			HS	835	1.155	1490	1495
			JSB x HS	14.320.250.000.000	19.808.250.000.000	25.553.500.000.000	25.639.250.000.000
			Total Liabilities	68.373.973.095	918.418.702.689	1.085.709.809.612	1.177.675.527.585
			X ₄	0,0048	0,0464	0,0425	0,0459
2	PT Sumber Alfaria Trijaya Tbk	AMRT	JSB	41.524.501.700	41.524.501.700	41.524.501.700	41.524.501.700
			HS	625	610	880	935
			JSB x HS	25.952.813.562.500	25.329.946.037.000	36.541.561.496.000	38.825.409.089.500
			Total Liabilities	14.179.604	16.651.570	16.148.410	17.108.006
			X ₄	0,0000005	0,0000007	0,0000004	0,0000004
3	PT Catur Sentosa Adiprana Tbk	CSAP	JSB	4.053.052.920	4.053.052.920	4.458.352.920	4.458.352.920
			HS	525	454	545	450
			JSB x HS	2.127.852.783.000	1.840.086.025.680	2.429.802.341.400	2.006.258.814.000
			Total Liabilities	2.829.046.007	3.612.982.306	3.844.633.517	4.612.787.339
			X ₄	0,0013	0,0020	0,0016	0,0023

Lanjutan lampiran 4

No.	Nama Perusahaan	Kode Perusahaan	Keterangan	Tahun			
				2016	2017	2018	2019
4	PT Duta Intidaya Tbk	DAYA	JSB	2.078.439.000	2.078.439.000	2.420.547.025	2.420.547.025
			HS	195	189	210	300
			JSB x HS	405.295.605.000	392.824.971.000	508.314.875.250	726.164.107.500
			Total Liabilities	99.743.766	154.880.476	248.458.704	560.812.496
			X ₄	0,0002	0,0004	0,0005	0,0008
5	PT Electronic City Indonesia Tbk	ECII	JSB	1.334.333.000	1.334.333.000	1.334.333.000	1.334.333.000
			HS	750	605	1.130	1.010
			JSB x HS	1.000.749.750.000	807.271.465.000	1.507.796.290.000	1.347.676.330.000
			Total Liabilities	153.884.348.892	153.062.239.876	202.684.697.566	184.187.323.403
			X ₄	0,1538	0,1896	0,1344	0,1367
6	PT Erajaya Swasembada Tbk	ERAA	JSB	2.900.000.000	2.900.000.000	3.190.000.000	3.190.000.000
			HS	600	735	2.200	1.795
			JSB x HS	1.740.000.000.000	2.131.500.000.000	7.018.000.000.000	5.726.050.000.000
			Total Liabilities	4.015.443.128.834	5.167.220.974.325	7.857.284.389	4.768.986.646
			X ₄	0,4333	0,4125	0,0011	0,0008
7	PT Global Teleshop Tbk	GLOB	JSB	1.111.112.000	1.111.112.000	1.111.112.000	1.111.112.000
			HS	456	456	324	456
			JSB x HS	506.667.072.000	506.667.072.000	360.000.288.000	506.667.072.000
			Total Liabilities	754.629.547.345	744.844.128.875	742.492.407.888	753.250.620.180
			X ₄	0,6714	0,6802	0,4849	0,6726

Lanjutan lampiran 4

No.	Nama Perusahaan	Kode Perusahaan	Keterangan	Tahun			
				2016	2017	2018	2019
8	PT Hero Supermarket Tbk	HERO	JSB	4.183.634.000	4.183.634.000	4.183.634.000	4.183.634.000
			HS	1.260	925	790	890
			JSB x HS	5.271.378.840.000	3.869.861.450.000	3.305.070.860.000	3.723.434.260.000
			Total Liabilities	2.029.250.000.000	2.164.401.000.000	3.824.378.000.000	3.890.051.000.000
			X ₄	0,3850	0,5593	0,8642	1,0447
9	PT Kioson Komersial Indonesia Tbk	KIOS	JSB	650.000.000	650.000.000	717.238.500	717.238.500
			HS	2.850	2.950	2.600	310
			JSB x HS	1.852.500.000.000	1.917.500.000.000	1.864.820.100.000	222.343.935.000
			Total Liabilities	36.942.881.974	166.595.507.912	140.336.395.802	170.130.263.198
			X ₄	0,0199	0,0869	0,0753	0,7652
10	PT Kokoh Inti Arebama Tbk	KOIN	JSB	980.843.732	980.843.732	980.843.732	980.843.732
			HS	300	298	232	110
			JSB x HS	294.253.119.600	292.291.432.136	227.555.745.824	107.892.810.520
			Total Liabilities	586.844.471.674	632.225.926.090	742.493.177.515	566.317.879.403
			X ₄	0,5014	0,4623	0,3065	0,1905
11	PT Matahari Department Store Tbk	LPPF	JSB	2.917.918.080	386.793.792.000	2.804.883.280	2.804.883.280
			HS	15125	10000	5600	4210
			JSB x HS	44.133.510.960.000	3.867.937.920.000.000	15.707.346.368.000	11.808.558.608.800
			Total Liabilities	3.003.635.000.000	3.099.441.000.000	3.220.568.000.000	3.086.283.000.000
			X ₄	0,0681	0,0008	0,2050	0,2614

Lanjutan lampiran 4

No.	Nama Perusahaan	Kode Perusahaan	Keterangan	Tahun			
				2016	2017	2018	2019
12	PT Mitra Adiperkasa Tbk	MAPI	JSB	1.660.000.000	1.660.000.000	16.600.000.000	16.600.000.000
			HS	5400	6200	805	1055
			JSB x HS	8.964.000.000.000	10.292.000.000.000	13.363.000.000.000	17.513.000.000.000
			Total Liabilities	7.479.927.515	7.182.975.931	6.570.485.000	6.566.570.000
			X ₄	0,0008	0,0007	0,0005	0,0004
13	PT Midi Utama Indonesia Tbk	MIDI	JSB	2.882.353.000	2.882.353.000	2.882.353.000	2.882.353.000
			HS	810	1.050	1.070	1.150
			JSB x HS	2.334.705.930.000	3.026.470.650.000	3.084.117.710.000	3.314.705.950.000
			Total Liabilities	3.366.178.000	3.955.245.000	3.879.324.000	3.769.310.000
			X ₄	0,0014	0,0013	0,0013	0,0011
14	PT Mitra Komunikasi Nusantara Tbk	MKNT	JSB	5.000.000.000	5.000.000.000	5.000.000.000	5.000.000.000
			HS	540	234	195	50
			JSB x HS	2.700.000.000.000	1.170.000.000.000	975.000.000.000	250.000.000.000
			Total Liabilities	24.494.617.569	686.542.666.514	579.834.253.250	629.343.184.222
			X ₄	0,0091	0,5868	0,5947	2,5174
15	PT Matahari Putra Prima Tbk	MPPA	JSB	5.377.962.800	5.377.962.800	7.529.147.920	7.529.147.920
			HS	1480	452	152	140
			JSB x HS	7.959.384.944.000	2.430.839.185.600	1.144.430.483.840	1.054.080.708.800
			Total Liabilities	4.272.002.000	4.252.888.000	3.659.302.000	3.290.128.000
			X ₄	0,0005	0,0017	0,0032	0,0031

Lanjutan lampiran 4

No.	Nama Perusahaan	Kode Perusahaan	Keterangan	Tahun			
				2016	2017	2018	2019
16	PT Ramayana Lestari Sentosa Tbk	RALS	JSB	7.096.000.000	7.096.000.000	7.096.000.000	7.096.000.000
			HS	1195	1200	1420	1.065
			JSB x HS	8.479.720.000.000	8.515.200.000.000	10.076.320.000.000	7.557.240.000.000
			Total Liabilities	1.309.610.000	1.397.577.000	1.415.582.000	1.480.893.000
			X ₄	0,0002	0,0002	0,0001	0,0002
17	PT Supra Boga Lestari Tbk	RANC	JSB	1.564.487.500	1.564.487.500	1.564.487.500	1.564.487.500
			HS	829	516	314	334
			JSB x HS	1.296.960.137.500	807.275.550.000	491.249.075.000	522.538.825.000
			Total Liabilities	290.120.012.213	343.417.617.476	399.959.714.997	404.693.066.101
			X ₄	0,2237	0,4254	0,8142	0,7745
18	PT Rimo Catur Lestari Tbk	RIMO	AL	40.596.000.000	40.596.000.000	44.740.600.000	44.740.600.000
			HJP	190	158	140	50
			AL-HJP	7.713.240.000.000	6.414.168.000.000	6.263.684.000.000	2.237.030.000.000
			Total Asset	276.293.483.768	347.793.672.961	1.085.319.708.847	569.637.694.481
			X ₁	0,0358	0,0542	0,1733	0,2546
19	PT Skybee Tbk	SKYB	JSB	585.000.000	585.000.000	585.000.000	585.000.000
			HS	420	420	156	59
			JSB x HS	245.700.000.000	245.700.000.000	91.260.000.000	34.515.000.000
			Total Liabilities	1.266.899.358	816.401.078	1.026.520.973	7.940.142.185
			X ₄	0,0052	0,0033	0,0112	0,2300

Lanjutan lampiran 4

No.	Nama Perusahaan	Kode Perusahaan	Keterangan	Tahun			
				2016	2017	2018	2019
20	PT Sona Topas Tourism Industry Tbk	SONA	JSB	331.200.000	331.200.000	331.200.000	331.200.000
			HS	2.520	2.300	5.700	5.975
			JSB x HS	834.624.000.000	761.760.000.000	1.887.840.000.000	1.978.920.000.000
			Total Liabilities	446.585.300.258	504.553.387.367	488.710.639.868	277.278.528.644
			X ₄	0,5351	0,6624	0,2589	0,1401
21	PT Tiphone Mobile Indonesia Tbk	TELE	JSB	7.182.115.317	7.310.929.389	7.310.929.389	7.310.929.389
			HS	855	965	940	304
			JSB x HS	6.140.708.596.035	7.055.046.860.385	6.872.273.625.660	2.222.522.534.256
			Total Liabilities	4.313.276.000	5.010.118.000	4.450.448.000	4.941.735.000
			X ₄	0,0007	0,0007	0,0006	0,0022
22	PT Trikomsel Oke Tbk	TRIO	JSB	4.761.500.000	26.007.494.645	26.007.494.645	26.007.494.645
			HS	2000	2000	236	-
			JSB x HS	9.523.000.000.000	52.014.989.290.000	6.137.768.736.220	-
			Total Liabilities	7.239.342.302.111	3.834.430.748.020	3.835.805.598.909	3.778.624.428.097
			X ₄	0,7602	0,0737	0,6250	0,0069
23	PT M Cash Integrasi Tbk	MCAS	JSB	867.933.300	867.933.300	867.933.300	867.933.300
			HS		1980	3210	2880
			JSB x HS		1.718.507.934.000	2.786.065.893.000	2.499.647.904.000
			Total Liabilities	9.834.446.675	178.136.645.995	394.089.238.853	512.081.862.333
			X ₄	0,0883	0,1037	0,1415	0,2049

Keterangan:

JSB : Jumlah Saham Beredar

HS : Harga Saham

Lampiran 5 Index Z-Score

Index Z-Score

No.	Nama Perusahaan	Kode Perusahaan	Tahun			
			2016	2017	2018	2019
1	PT Ace Hardware Indonesia Tbk	ACES	9,93	9,80	9,92	10,04
2	PT Sumber Alfaria Trijaya Tbk	AMRT	3,23	2,98	4,12	4,27
3	PT Catur Sentosa Adiprana Tbk	CSAP	4,47	4,11	4,34	3,95
4	PT Duta Intidaya Tbk	DAYA	4,03	4,74	4,11	2,64
5	PT Electronic City Indonesia Tbk	ECII	7,18	7,39	7,25	7,07
6	PT Erajaya Swasembada Tbk	ERAA	5,17	5,28	5,12	5,19
7	PT Global Teleshop Tbk	GLOB	-31,05	-21,38	-43,60	-3,73
8	PT Hero Supermarket Tbk	HERO	4,61	4,06	2,84	4,85
9	PT Kioson Komersial Indonesia Tbk	KIOS	-0,65	5,13	5,64	5,84
10	PT Kokoh Inti Arebama Tbk	KOIN	4,60	4,56	4,21	3,91
11	PT Matahari Department Store Tbk	LPPF	9,52	8,64	7,53	7,75
12	PT Mitra Adiperkasa Tbk	MAPI	4,21	4,72	5,09	5,52
13	PT Midi Utama Indonesia Tbk	MIDI	3,03	2,51	2,62	2,79
14	PT Mitra Komunikasi Nusantara Tbk	MKNT	8,68	5,69	5,50	9,08
15	PT Matahari Putra Prima Tbk	MPPA	3,56	1,08	0,96	1,25
16	PT Ramayana Lestari Sentosa Tbk	RALS	6,93	6,82	7,78	8,04
17	PT Supra Boga Lestari Tbk	RANC	5,50	5,75	6,18	6,40
18	PT Rimo Catur Lestari Tbk	RIMO	-1,06	3,34	2,86	3,18
19	PT Skybee Tbk	SKYB	14,32	2,57	2,79	3,42
20	PT Sona Topas Tourism Industry Tbk	SONA	6,84	6,44	7,63	7,72
21	PT Tiphone Mobile Indonesia Tbk	TELE	8,96	6,38	8,74	8,59
22	PT Trikonsel Oke Tbk	TRIO	-61,10	-19,15	-120,47	-23,95
23	PT M Cash Integrasi Tbk	MCAS	7,90	4,35	8,78	9,08