

Lampiran 1

Kriteria Sampel Penelitian

No	Kode	Nama Perusahaan	Kriteria Sampel			Sampel Penelitian
			1	2	3	
1	ADES	PT. Akasha Wira International Tbk.	√	√	√	1
2	AISA	PT. Tiga Pilar Sejahtera Food, Tbk	√	√	X	-
3	ALTO	PT. Tri Banyan Tirta, Tbk	√	√	X	-
4	BTEK	PT. Bumi Teknokultura Unggul Tbk.	√	√	X	-
5	BUDI	PT. Budi Starch & Sweetener Tbk	√	√	√	2
6	CAMP	PT. Campina Ice Cream Industry, Tbk	√	X	√	-
7	CEKA	PT. Wilmar Cahaya Indonesia, Tbk	√	√	√	3
8	CLEO	PT Sariguna Primatirta Tbk	√	X	√	-
9	DLTA	PT. Delta Djakarta, Tbk	√	√	√	4
10	HOKI	PT. Buyung Poetra Sembada, Tbk	√	X	√	-
11	ICBP	PT. Indofood CBP Sukses Makmur, Tbk	√	√	√	5
12	IIKP	PT. Inti Agri Resources Tbk.	√	√	X	-
13	INDF	PT. Indofood Sukses Makmur, Tbk	√	√	√	6
14	MGNA	PT. Magna Investama Mandiri Tbk.	√	√	X	-
15	MLBI	PT. Multi Bintang Indonesia, Tbk.	√	√	√	7
16	MYOR	PT. Mayora Indah, Tbk	√	√	√	8
17	PCAR	PT. Prima Cakrawala Abadi Tbk	√	X	√	-
18	PSDN	PT. Prasadha Aneka Niaga, Tbk	√	√	X	-
19	ROTI	PT. Nippon Indosari Corpindo, Tbk	√	√	√	9
20	SKBM	PT. Sekar Bumi, Tbk	√	√	√	10
21	SKLT	PT. Sekar Laut, Tbk	√	√	√	11
22	STTP	PT. Siantar Top, Tbk	√	√	√	12
23	ULTJ	PT. Ultrajaya Milk Ind. & Trading Co., Tbk	√	√	√	13

Sumber : <http://www.idx.co.id>

Keterangan Kriteria Sampel :

1. Perusahaan yang terdaftar di Bursa Efek Indonesia selama periode tahun 2013-2017.
2. Perusahaan yang mempublikasikan laporan keuangan secara berturut-turut periode tahun 2013-2017.
3. Perusahaan yang memperoleh laba selama periode tahun 2013-2017.

Lampiran 2

Return On Investment (Y) Periode 2013-2017

No. Urut	Periode	Kode	Nama	Laba Bersih Setelah Pajak	Total Aktiva	Return On Investment
1	2013	ADES	PT. Akasha Wira International Tbk.	55.656.000.000	441.064.000.000	0,1262
2		BUDI	PT. Budi Starch & Sweetener Tbk	42.686.000.000	2.382.875.000.000	0,0179
3		CEKA	PT. Wilmar Cahaya Indonesia, Tbk	65.068.958.558	1.069.627.299.747	0,0608
4		DLTA	PT. Delta Djakarta, Tbk	270.498.062.000	867.040.802.000	0,3120
5		ICBP	PT. Indofood CBP Sukses Makmur, Tbk	2.235.040.000.000	21.267.470.000.000	0,1051
6		INDF	PT. Indofood Sukses Makmur Tbk.	3.414.886.000.000	78.092.789.000.000	0,0437
7		MLBI	PT. Multi Bintang Indonesia, Tbk.	1.171.229.000.000	1.782.148.000.000	0,6572
8		MYOR	PT. Mayora Indah, Tbk	1.058.418.939.252	9.709.838.250.473	0,1090
9		ROTI	PT. Nippon Indosari Corpindo Tbk.	158.015.270.921	1.822.689.047.108	0,0867
10		SKBM	PT. Sekar Bumi, Tbk	58.266.986.268	497.652.557.672	0,1171
11		SKLT	PT. Sekar Laut, Tbk	11.440.014.188	301.989.488.699	0,0379
12		STTP	PT. Siantar Top, Tbk	114.437.068.803	1.470.059.394.892	0,0778
13		ULTJ	PT. Ultrajaya Milk Ind. & Trading Co., Tbk	325.127.420.664	2.811.620.982.142	0,1156
14		ADES	PT. Akasha Wira International Tbk.	31.021.000.000	504.865.000.000	0,0614
15		BUDI	PT. Budi Starch & Sweetener Tbk	28.499.000.000	2.476.982.000.000	0,0115
16		CEKA	PT. Wilmar Cahaya Indonesia, Tbk	41.001.414.954	1.284.150.037.341	0,0319
17		DLTA	PT. Delta Djakarta, Tbk	288.073.432.000	991.947.134.000	0,2904
18		ICBP	PT. Indofood CBP Sukses Makmur, Tbk	2.531.681.000.000	24.910.211.000.000	0,1016
19		INDF	PT. Indofood Sukses Makmur Tbk.	4.401.080.000.000	85.938.885.000.000	0,0512
20		MLBI	PT. Multi Bintang Indonesia, Tbk.	794.883.000.000	2.231.051.000.000	0,3563
21		MYOR	PT. Mayora Indah, Tbk	409.824.768.594	10.291.108.029.334	0,0398

Lanjutan Lampiran 2

Return On Investment (Y) Periode 2013-2017

No. Urut	Periode	Kode	Nama	Lab a Bersih Setelah Pajak	Total Aktiva	Return On Investment
22	2015	ROTI	PT. Nippon Indosari Corpindo Tbk.	188.577.521.074	2.142.894.276.216	0,0880
23		SKBM	PT. Sekar Bumi, Tbk	89.115.994.107	649.534.031.113	0,1372
24		SKLT	PT. Sekar Laut, Tbk	16.480.714.984	331.574.891.637	0,0497
25		STTP	PT. Siantar Top, Tbk	123.465.403.948	1.700.204.093.895	0,0726
26		ULTJ	PT. Ultrajaya Milk Ind. & Trading Co., Tbk	283.360.914.211	2.917.083.567.355	0,0971
27		ADES	PT. Akasha Wira International Tbk.	32.839.000.000	653.224.000.000	0,0503
28		BUDI	PT. Budi Starch & Sweetener Tbk	21.072.000.000	3.265.953.000.000	0,0065
29		CEKA	PT. Wilmar Cahaya Indonesia, Tbk	106.549.446.980	1.485.826.210.015	0,0717
30		DLTA	PT. Delta Jakarta, Tbk	192.045.199.000	1.038.321.916.000	0,1850
31		ICBP	PT. Indofood CBP Sukses Makmur, Tbk	2.923.148.000.000	26.560.624.000.000	0,1101
32		INDF	PT. Indofood Sukses Makmur Tbk.	3.231.713.000.000	91.831.526.000.000	0,0352
33		MLBI	PT. Multi Bintang Indonesia, Tbk.	496.909.000.000	2.100.853.000.000	0,2365
34		MYOR	PT. Mayora Indah, Tbk	1.250.233.128.560	11.342.715.686.221	0,1102
35		ROTI	PT. Nippon Indosari Corpindo Tbk.	270.538.700.440	2.706.323.637.034	0,1000
36	SKBM	PT. Sekar Bumi, Tbk	40.150.568.621	764.484.248.710	0,0525	
37	SKLT	PT. Sekar Laut, Tbk	20.066.791.849	377.110.748.359	0,0532	
38	STTP	PT. Siantar Top, Tbk	185.705.201.171	1.919.568.037.170	0,0967	
39	ULTJ	PT. Ultrajaya Milk Ind. & Trading Co., Tbk	523.100.215.029	3.539.995.910.248	0,1478	
40	ADES	PT. Akasha Wira International Tbk.	55.951.000.000	767.479.000.000	0,0729	
41	2016	BUDI	PT. Budi Starch & Sweetener Tbk	38.624.000.000	2.931.807.000.000	0,0132
42	CEKA	PT. Wilmar Cahaya Indonesia, Tbk	249.697.013.626	1.425.964.152.418	0,1751	

Lanjutan Lampiran 2

Return On Investment (Y) Periode 2013-2017

No. Urut	Periode	Kode	Nama	Laba Bersih Setelah Pajak	Total Aktiva	Return On Investment
43		DLTA	PT. Delta Djakarta, Tbk	254.509.268.000	1.197.796.650.000	0,2125
44		ICBP	PT. Indofood CBP Sukses Makmur, Tbk	3.631.301.000.000	28.901.948.000.000	0,1256
45		INDF	PT. Indofood Sukses Makmur Tbk.	4.852.481.000.000	82.174.515.000.000	0,0591
46		MLBI	PT. Multi Bintang Indonesia, Tbk.	982.129.000.000	2.275.038.000.000	0,4317
47		MYOR	PT. Mayora Indah, Tbk	1.388.676.127.665	12.922.421.859.142	0,1075
48		ROTI	PT. Nippon Indosari Corpindo Tbk.	279.777.368.831	2.919.640.858.718	0,0958
49		SKBM	PT. Sekar Bumi, Tbk	22.545.456.050	1.001.657.012.004	0,0225
50		SKLT	PT. Sekar Laut, Tbk	20.646.121.074	568.239.939.951	0,0363
51		STTP	PT. Siantar Top, Tbk	174.176.717.866	2.336.411.494.941	0,0745
52		ULTJ	PT. Ultrajaya Milk Ind. & Trading Co., Tbk	709.825.635.742	4.239.199.641.365	0,1674
53		ADES	PT. Akasha Wira International Tbk.	38.242.000.000	840.236.000.000	0,0455
54		BUDI	PT. Budi Starch & Sweetener Tbk	45.691.000.000	2.939.456.000.000	0,0155
55		CEKA	PT. Wilmar Cahaya Indonesia, Tbk	107.420.886.839	1.392.636.444.501	0,0771
56		DLTA	PT. Delta Djakarta, Tbk	279.772.635.000	1.340.842.765.000	0,2087
57		ICBP	PT. Indofood CBP Sukses Makmur, Tbk	3.543.173.000.000	31.619.514.000.000	0,1121
58	2017	INDF	PT. Indofood Sukses Makmur Tbk.	5.145.063.000.000	87.939.488.000.000	0,0585
59		MLBI	PT. Multi Bintang Indonesia, Tbk.	1.322.067.000.000	2.510.078.000.000	0,5267
60		MYOR	PT. Mayora Indah, Tbk	1.630.953.830.893	14.915.849.800.251	0,1093
61		ROTI	PT. Nippon Indosari Corpindo Tbk.	135.364.021.139	4.559.573.709.411	0,0297
62		SKBM	PT. Sekar Bumi, Tbk	25.880.464.791	1.623.027.475.045	0,0159
63		SKLT	PT. Sekar Laut, Tbk	22.970.715.348	636.284.210.210	0,0361

Lanjutan Lampiran 2

Return On Investment (Y) Periode 2013-2017

No. Urut	Periode	Kode	Nama	Laba Bersih Setelah Pajak	Total Aktiva	Return On Investment
64		STTP	PT. Siantar Top, Tbk	216.024.079.834	2.342.432.443.196	0,0922
65		ULTJ	PT. Ultrajaya Milk Ind. & Trading Co., Tbk	711.681.000.000	5.186.940.000.000	0,1372

Sumber : <http://www.idx.co.id>

Lampiran 3

Rasio Hutang Terhadap Modal (X₁) Periode 2013-2017

No. Urut	Periode	Kode	Nama	Total Hutang	Total Ekuitas	Rasio Hutang Terhadap Modal
1	2013	ADES	PT. Akasha Wira International Tbk.	176.286.000.000	264.778.000.000	0,6658
2		BUDI	PT. Budi Starch & Sweetener Tbk	1.497.754.000.000	885.121.000.000	16,921
3		CEKA	PT. Wilmar Cahaya Indonesia, Tbk	541.352.365.829	528.274.933.918	10,248
4		DLTA	PT. Delta Djakarta, Tbk	190.482.809.000	676.557.993.000	0,2815
5		ICBP	PT. Indofood CBP Sukses Makmur, Tbk	8.001.739.000.000	13.265.731.000.000	0,6032
6		INDF	PT. Indofood Sukses Makmur Tbk.	39.719.660.000.000	38.373.129.000.000	10,351
7		MLBI	PT. Multi Bintang Indonesia, Tbk.	794.615.000.000	987.533.000.000	0,8046
8		MYOR	PT. Mayora Indah, Tbk	5.771.077.430.823	3.938.760.819.650	14,652
9		ROTI	PT. Nippon Indosari Corpindo Tbk.	1.035.351.397.437	787.337.649.671	13,150
10		SKBM	PT. Sekar Bumi, Tbk	296.528.343.161	201.124.214.511	14,744
11		SKLT	PT. Sekar Laut, Tbk	162.339.135.063	139.650.353.636	11,625
12		STTP	PT. Siantar Top, Tbk	775.930.985.779	694.128.409.113	11,178
13		ULTJ	PT. Ultrajaya Milk Ind. & Trading Co., Tbk	796.474.448.056	2.015.146.534.086	0,3952
14		ADES	PT. Akasha Wira International Tbk.	209.066.000.000	295.799.000.000	0,7068
15		BUDI	PT. Budi Starch & Sweetener Tbk	1.563.631.000.000	913.351.000.000	17,120
16		CEKA	PT. Wilmar Cahaya Indonesia, Tbk	746.598.865.219	537.551.172.122	13,889
17		DLTA	PT. Delta Djakarta, Tbk	227.473.881.000	764.473.253.000	0,2976
18		ICBP	PT. Indofood CBP Sukses Makmur, Tbk	9.870.264.000.000	15.039.947.000.000	0,6563
19		INDF	PT. Indofood Sukses Makmur Tbk.	44.710.509.000.000	41.228.376.000.000	10,845
20		MLBI	PT. Multi Bintang Indonesia, Tbk.	1.677.254.000.000	553.797.000.000	30,286

Lanjutan Lampiran 3

Rasio Hutang Terhadap Modal (X₁) Periode 2013-2017

No. Urut	Periode	Kode	Nama	Total Hutang	Total Ekuitas	Rasio Hutang Terhadap Modal
21	2015	MYOR	PT. Mayora Indah, Tbk	6.190.553.036.545	4.100.554.992.789	15,097
22		ROTI	PT. Nippon Indosari Corpindo Tbk.	1.182.771.921.472	960.122.354.744	12,319
23		SKBM	PT. Sekar Bumi, Tbk	331.624.254.750	317.909.776.363	10,431
24		SKLT	PT. Sekar Laut, Tbk	178.206.785.017	153.368.106.620	11,620
25		STTP	PT. Siantar Top, Tbk	882.610.280.834	817.593.813.061	10,795
26		ULTJ	PT. Ultrajaya Milk Ind. & Trading Co., Tbk	651.985.807.625	2.265.097.759.730	0,2878
27		ADES	PT. Akasha Wira International Tbk.	324.855.000.000	328.369.000.000	0,9893
28		BUDI	PT. Budi Starch & Sweetener Tbk	2.160.702.000.000	1.105.251.000.000	19,549
29		CEKA	PT. Wilmar Cahaya Indonesia, Tbk	639.893.514.352	639.893.514.352	10,000
30		DLTA	PT. Delta Djakarta, Tbk	188.700.435.000	849.621.481.000	0,2221
31		ICBP	PT. Indofood CBP Sukses Makmur, Tbk	10.173.713.000.000	16.386.911.000.000	0,6208
32		INDF	PT. Indofood Sukses Makmur Tbk.	48.709.933.000.000	43.121.593.000.000	11,296
33		MLBI	PT. Multi Bintang Indonesia, Tbk.	1.334.373.000.000	766.480.000.000	17,409
34		MYOR	PT. Mayora Indah, Tbk	6.148.255.759.034	5.194.459.927.187	11,836
35		ROTI	PT. Nippon Indosari Corpindo Tbk.	1.517.788.685.162	1.188.534.951.872	12,770
36		SKBM	PT. Sekar Bumi, Tbk	420.396.809.051	344.087.439.659	12,218
37		SKLT	PT. Sekar Laut, Tbk	225.066.080.248	152.044.668.111	14,803
38		STTP	PT. Siantar Top, Tbk	910.758.598.913	1.008.809.438.257	0,9028
39		ULTJ	PT. Ultrajaya Milk Ind. & Trading Co., Tbk	742.490.216.326	2.797.505.693.922	0,2654
40		2016	ADES	PT. Akasha Wira International Tbk.	383.091.000.000	384.388.000.000

Lanjutan Lampiran 3

Rasio Hutang Terhadap Modal (X₁) Periode 2013-2017

No. Urut	Periode	Kode	Nama	Total Hutang	Total Ekuitas	Rasio Hutang Terhadap Modal
41		BUDI	PT. Budi Starch & Sweetener Tbk	1.766.825.000.000	1.164.982.000.000	15,166
42		CEKA	PT. Wilmar Cahaya Indonesia, Tbk	538.044.038.690	887.920.113.728	0,6060
43		DLTA	PT. Delta Djakarta, Tbk	185.422.642.000	1.012.374.008.000	0,1832
44		ICBP	PT. Indofood CBP Sukses Makmur, Tbk	10.401.125.000.000	18.500.823.000.000	0,5622
45		INDF	PT. Indofood Sukses Makmur Tbk.	38.233.092.000.000	43.941.423.000.000	0,8701
46		MLBI	PT. Multi Bintang Indonesia, Tbk.	1.454.398.000.000	820.640.000.000	17,723
47		MYOR	PT. Mayora Indah, Tbk	6.657.165.872.077	6.265.255.987.065	10,626
48		ROTI	PT. Nippon Indosari Corpindo Tbk.	1.476.889.086.692	1.442.751.772.026	10,237
49		SKBM	PT. Sekar Bumi, Tbk	633.267.725.358	368.389.286.646	17,190
50		SKLT	PT. Sekar Laut, Tbk	272.088.644.079	296.151.295.872	0,9187
51		STTP	PT. Siantar Top, Tbk	1.167.899.357.271	1.168.512.137.670	0,9995
52		ULTJ	PT. Ultrajaya Milk Ind. & Trading Co., Tbk	749.966.146.582	3.489.233.494.783	0,2149
53		ADES	PT. Akasha Wira International Tbk.	417.225.000.000	423.011.000.000	0,9863
54		BUDI	PT. Budi Starch & Sweetener Tbk	1.744.756.000.000	1.194.700.000.000	14,604
55		CEKA	PT. Wilmar Cahaya Indonesia, Tbk	489.592.257.434	903.044.187.067	0,5422
56		DLTA	PT. Delta Djakarta, Tbk	196.197.372.000	1.144.645.393.000	0,1714
57	2017	ICBP	PT. Indofood CBP Sukses Makmur, Tbk	11.295.184.000.000	20.324.330.000.000	0,5557
58		INDF	PT. Indofood Sukses Makmur Tbk.	41.182.764.000.000	46.756.724.000.000	0,8808
59		MLBI	PT. Multi Bintang Indonesia, Tbk.	1.445.173.000.000	1.064.905.000.000	13,571
60		MYOR	PT. Mayora Indah, Tbk	7.561.503.434.179	7.354.346.366.072	10,282

Lanjutan Lampiran 3

Rasio Hutang Terhadap Modal (X₁) Periode 2013-2017

No. Urut	Periode	Kode	Nama	Total Hutang	Total Ekuitas	Rasio Hutang Terhadap Modal
61		ROTI	PT. Nippon Indosari Corpindo Tbk.	1.739.467.993.982	2.820.105.715.429	0,6168
62		SKBM	PT. Sekar Bumi, Tbk	599.790.014.646	1.023.237.460.399	0,5862
63		SKLT	PT. Sekar Laut, Tbk	328.714.435.982	307.569.774.228	10,687
64		STTP	PT. Siantar Top, Tbk	957.660.374.836	1.384.772.068.360	0,6916
65		ULTJ	PT. Ultrajaya Milk Ind. & Trading Co., Tbk	978.185.000.000	4.208.755.000.000	0,2324

Sumber : <http://www.idx.co.id>

Lampiran 4

Perputaran Total Aktiva (X₂) Periode 2013-2017

No. Urut	Periode	Kode	Nama	Penjualan	Total Aktiva	Perputaran Total Aktiva
1	2013	ADES	PT. Akasha Wira International Tbk.	502.524.000.000	441.064.000.000	11,393
2		BUDI	PT. Budi Starch & Sweetener Tbk	2.568.954.000.000	2.382.875.000.000	10,781
3		CEKA	PT. Wilmar Cahaya Indonesia, Tbk	2.531.881.182.546	1.069.627.299.747	23,671
4		DLTA	PT. Delta Djakarta, Tbk	867.066.542.000	867.040.802.000	10,000
5		ICBP	PT. Indofood CBP Sukses Makmur, Tbk	25.094.681.000.000	21.267.470.000.000	11,800
6		INDF	PT. Indofood Sukses Makmur Tbk.	57.731.998.000.000	78.092.789.000.000	0,7393
7		MLBI	PT. Multi Bintang Indonesia, Tbk.	3.561.989.000.000	1.782.148.000.000	19,987
8		MYOR	PT. Mayora Indah, Tbk	12.017.837.133.337	9.709.838.250.473	12,377
9		ROTI	PT. Nippon Indosari Corpindo Tbk.	1.505.519.937.691	1.822.689.047.108	0,8260
10		SKBM	PT. Sekar Bumi, Tbk	1.296.618.257.503	497.652.557.672	26,055
11		SKLT	PT. Sekar Laut, Tbk	567.048.547.543	301.989.488.699	18,777
12		STTP	PT. Siantar Top, Tbk	1.694.935.468.814	1.470.059.394.892	11,530
13		ULTJ	PT. Ultrajaya Milk Ind. & Trading Co., Tbk	3.460.231.249.075	2.811.620.982.142	12,307
14		ADES	PT. Akasha Wira International Tbk.	578.784.000.000	504.865.000.000	11,464
15		BUDI	PT. Budi Starch & Sweetener Tbk	2.284.211.000.000	2.476.982.000.000	0,9222
16		CEKA	PT. Wilmar Cahaya Indonesia, Tbk	3.701.868.790.192	1.284.150.037.341	28,827
17		DLTA	PT. Delta Djakarta, Tbk	879.253.383.000	991.947.134.000	0,8864
18		ICBP	PT. Indofood CBP Sukses Makmur, Tbk	30.022.463.000.000	24.910.211.000.000	12,052
19		INDF	PT. Indofood Sukses Makmur Tbk.	63.594.452.000.000	85.938.885.000.000	0,7400
20		MLBI	PT. Multi Bintang Indonesia, Tbk.	2.988.501.000.000	2.231.051.000.000	13,395

Lanjutan Lampiran 4

Perputaran Total Aktiva (X₂) Periode 2013-2017

No. Urut	Periode	Kode	Nama	Penjualan	Total Aktiva	Perputaran Total Aktiva	
21	2015	MYOR	PT. Mayora Indah, Tbk	14.169.088.278.238	10.291.108.029.334	13,768	
			PT. Nippon Indosari Corpindo Tbk.	1.880.262.901.697	2.142.894.276.216	0,8774	
22		ROTI					
23		SKBM	PT. Sekar Bumi, Tbk		1.480.764.903.724	649.534.031.113	22,797
24		SKLT	PT. Sekar Laut, Tbk		681.419.524.161	331.574.891.637	20,551
25		STTP	PT. Siantar Top, Tbk		2.170.464.194.350	1.700.204.093.895	12,766
26		ULTJ	PT. Ultrajaya Milk Ind. & Trading Co., Tbk		3.916.789.366.423	2.917.083.567.355	13,427
27		ADES	PT. Akasha Wira International Tbk.		669.725.000.000	653.224.000.000	10,253
28		BUDI	PT. Budi Starch & Sweetener Tbk		2.378.805.000.000	3.265.953.000.000	0,7284
29		CEKA	PT. Wilmar Cahaya Indonesia, Tbk		3.485.733.830.354	1.485.826.210.015	23,460
30		DLTA	PT. Delta Djakarta, Tbk		699.506.819.000	1.038.321.916.000	0,6737
31		ICBP	PT. Indofood CBP Sukses Makmur, Tbk		31.741.094.000.000	26.560.624.000.000	11,950
32		INDF	PT. Indofood Sukses Makmur Tbk.		64.061.947.000.000	91.831.526.000.000	0,6976
33		MLBI	PT. Multi Bintang Indonesia, Tbk.		2.696.318.000.000	2.100.853.000.000	12,834
34		MYOR	PT. Mayora Indah, Tbk		14.818.730.635.847	11.342.715.686.221	13,065
35		ROTI	PT. Nippon Indosari Corpindo Tbk.		2.174.501.712.899	2.706.323.637.034	0,8035
36		SKBM	PT. Sekar Bumi, Tbk		1.362.245.580.664	764.484.248.710	17,819
37		SKLT	PT. Sekar Laut, Tbk		745.107.731.208	377.110.748.359	19,758
38		STTP	PT. Siantar Top, Tbk		2.544.277.844.656	1.919.568.037.170	13,254
39		ULTJ	PT. Ultrajaya Milk Ind. & Trading Co., Tbk		4.393.932.684.171	3.539.995.910.248	12,412
40		2016	ADES	PT. Akasha Wira International Tbk.	887.663.000.000	767.479.000.000	11,566
41			BUDI	PT. Budi Starch & Sweetener Tbk	2.467.553.000.000	2.931.807.000.000	0,8416

Lanjutan Lampiran 4

Perputaran Total Aktiva (X₂) Periode 2013-2017

No. Urut	Periode	Kode	Nama	Penjualan	Total Aktiva	Perputaran Total Aktiva
42		CEKA	PT. Wilmar Cahaya Indonesia, Tbk	4.115.541.761.173	1.425.964.152.418	28,861
43		DLTA	PT. Delta Djakarta, Tbk	774.968.268.000	1.197.796.650.000	0,6470
44		ICBP	PT. Indofood CBP Sukses Makmur, Tbk	34.466.069.000.000	28.901.948.000.000	11,925
45		INDF	PT. Indofood Sukses Makmur Tbk.	66.750.317.000.000	82.174.515.000.000	0,8123
46		MLBI	PT. Multi Bintang Indonesia, Tbk.	3.263.311.000.000	2.275.038.000.000	14,344
47		MYOR	PT. Mayora Indah, Tbk	18.349.959.898.358	12.922.421.859.142	14,200
48		ROTI	PT. Nippon Indosari Corpindo Tbk.	2.521.920.968.213	2.919.640.858.718	0,8638
49		SKBM	PT. Sekar Bumi, Tbk	1.501.115.928.446	1.001.657.012.004	14,986
50		SKLT	PT. Sekar Laut, Tbk	833.850.372.883	568.239.939.951	14,674
51		STTP	PT. Siantar Top, Tbk	2.629.107.367.897	2.336.411.494.941	11,253
52		ULTJ	PT. Ultrajaya Milk Ind. & Trading Co., Tbk	4.685.987.917.355	4.239.199.641.365	11,054
53		ADES	PT. Akasha Wira International Tbk.	814.490.000.000	840.236.000.000	0,9694
54		BUDI	PT. Budi Starch & Sweetener Tbk	2.510.578.000.000	2.939.456.000.000	0,8541
55		CEKA	PT. Wilmar Cahaya Indonesia, Tbk	4.257.738.486.908	1.392.636.444.501	30,573
56		DLTA	PT. Delta Djakarta, Tbk	574.271.361.000	1.340.842.765.000	0,4283
57	2017	ICBP	PT. Indofood CBP Sukses Makmur, Tbk	35.606.593.000.000	31.619.514.000.000	11,261
58		INDF	PT. Indofood Sukses Makmur Tbk.	70.186.618.000.000	87.939.488.000.000	0,7981
59		MLBI	PT. Multi Bintang Indonesia, Tbk.	3.389.736.000.000	2.510.078.000.000	13,505
60		MYOR	PT. Mayora Indah, Tbk	20.816.673.946.473	14.915.849.800.251	13,956
61		ROTI	PT. Nippon Indosari Corpindo Tbk.	2.491.100.179.560	4.559.573.709.411	0,5463

Lanjutan Lampiran 4

Perputaran Total Aktiva (X₂) Periode 2013-2017

No. Urut	Periode	Kode	Nama	Penjualan	Total Aktiva	Perputaran Total Aktiva
62		SKBM	PT. Sekar Bumi, Tbk	1.841.487.199.828	1.623.027.475.045	11,346
63		SKLT	PT. Sekar Laut, Tbk	914.188.759.779	636.284.210.210	14,368
64		STTP	PT. Siantar Top, Tbk	2.825.409.180.889	2.342.432.443.196	12,062
65		ULTJ	PT. Ultrajaya Milk Ind. & Trading Co., Tbk	4.879.559.000.000	5.186.940.000.000	0,9407

Sumber : <http://www.idx.co.id>

Lampiran 5

Perputaran Modal Kerja (X₃) Periode 2013-2017

No. Urut	Periode	Kode	Nama	Penjualan	Aktiva Lancar	Hutang Lancar	Modal Kerja	Perputaran Modal Kerja
1	2013	ADES	PT. Akasha Wira International Tbk.	502.524.000.000	196.755.000.000	108.730.000.000	88.025.000.000	57,089
2		BUDI	PT. Budi Starch & Sweetener Tbk	2.568.954.000.000	1.094.079.000.000	1.016.562.000.000	77.517.000.000	331,405
3		CEKA	PT. Wilmar Cahaya Indonesia, Tbk	2.531.881.182.546	847.045.774.616	518.961.631.842	328.084.142.774	77,172
4		DLTA	PT. Delta Djakarta, Tbk	867.066.542.000	748.111.003.000	158.990.741.000	589.120.262.000	14,718
5		ICBP	PT. Indofood CBP Sukses Makmur, Tbk	25.094.681.000.000	11.321.715.000.000	4.696.583.000.000	6.625.132.000.000	37,878
6		INDF	PT. Indofood Sukses Makmur Tbk.	57.731.998.000.000	32.464.497.000.000	19.471.309.000.000	12.993.188.000.000	44,433
7		MLBI	PT. Multi Bintang Indonesia, Tbk.	3.561.989.000.000	706.252.000.000	722.542.000.000	-16.290.000.000	-2,186,611
8		MYOR	PT. Mayora Indah, Tbk	12.017.837.133.337	6.430.065.428.871	2.631.646.469.682	3.798.418.959.189	31,639
9		ROTI	PT. Nippon Indosari Corpindo Tbk.	1.505.519.937.691	363.881.019.917	320.197.405.822	43.683.614.095	344,642
10		SKBM	PT. Sekar Bumi, Tbk	1.296.618.257.503	338.468.880.290	271.139.784.806	67.329.095.484	192,579
11		SKLT	PT. Sekar Laut, Tbk	567.048.547.543	155.108.112.066	125.712.112.019	29.396.000.047	192,900
12		STTP	PT. Siantar Top, Tbk	1.694.935.468.814	684.263.795.106	598.988.885.897	85.274.909.209	198,761
13		ULTJ	PT. Ultrajaya Milk Ind. & Trading Co., Tbk	3.460.231.249.075	1.565.510.655.138	633.794.053.008	931.716.602.130	37,138

Lanjutan Lampiran 5

Perputaran Modal Kerja (X₃) Periode 2013-2017

No. Urut	Periode	Kode	Nama	Penjualan	Aktiva Lancar	Hutang Lancar	Modal Kerja	Perputaran Modal Kerja
14		ADES	PT. Akasha Wira International Tbk.	578.784.000.000	240.896.000.000	156.900.000.000	83.996.000.000	68,906
15		BUDI	PT. Budi Starch & Sweetener Tbk	2.284.211.000.000	988.526.000.000	945.117.000.000	43.409.000.000	526,207
16		CEKA	PT. Wilmar Cahaya Indonesia, Tbk	3.701.868.790.192	1.053.321.371.198	718.681.070.349	334.640.300.849	110,622
17		DLTA	PT. Delta Djakarta, Tbk	879.253.383.000	854.176.144.000	190.952.635.000	663.223.509.000	13,257
18		ICBP	PT. Indofood CBP Sukses Makmur, Tbk	30.022.463.000.000	13.603.527.000.000	6.230.997.000.000	7.372.530.000.000	40,722
19	2014	INDF	PT. Indofood Sukses Makmur Tbk.	63.594.452.000.000	40.995.736.000.000	22.681.686.000.000	18.314.050.000.000	34,724
20		MLBI	PT. Multi Bintang Indonesia, Tbk.	2.988.501.000.000	816.494.000.000	1.588.801.000.000	-772.307.000.000	-38,696
21		MYOR	PT. Mayora Indah, Tbk	14.169.088.278.238	6.508.768.623.440	3.114.337.601.362	3.394.431.022.078	41,742
22		ROTI	PT. Nippon Indosari Corpindo Tbk.	1.880.262.901.697	420.316.388.535	307.608.669.233	112.707.719.302	166,826
23		SKBM	PT. Sekar Bumi, Tbk	1.480.764.903.724	379.496.707.512	256.924.179.534	122.572.527.978	120,807
24		SKLT	PT. Sekar Laut, Tbk	681.419.524.161	167.419.411.740	141.425.302.223	25.994.109.517	262,144
25		STTP	PT. Siantar Top, Tbk	2.170.464.194.350	799.430.399.430	538.631.479.995	260.798.919.435	83,224
26		ULTJ	PT. Ultrajaya Milk Ind. & Trading Co., Tbk	3.916.789.366.423	1.642.101.746.819	490.967.089.226	1.151.134.657.593	34,025

Lanjutan Lampiran 5

Perputaran Modal Kerja (X₃) Periode 2013-2017

No. Urut	Periode	Kode	Nama	Penjualan	Aktiva Lancar	Hutang Lancar	Modal Kerja	Perputaran Modal Kerja
27	2015	ADES	PT. Akasha Wira International Tbk.	669.725.000.000	276.323.000.000	199.364.000.000	76.959.000.000	87,024
28		BUDI	PT. Budi Starch & Sweetener Tbk	2.378.805.000.000	1.492.365.000.000	1.491.109.000.000	1.256.000.000	18,939,530
29		CEKA	PT. Wilmar Cahaya Indonesia, Tbk	3.485.733.830.354	1.253.019.074.345	845.932.695.663	407.086.378.682	85,626
30		DLTA	PT. Delta Djakarta, Tbk	699.506.819.000	902.006.833.000	140.419.495.000	761.587.338.000	0,9185
31		ICBP	PT. Indofood CBP Sukses Makmur, Tbk	31.741.094.000.000	13.961.500.000.000	6.002.344.000.000	7.959.156.000.000	39,880
32		INDF	PT. Indofood Sukses Makmur Tbk.	64.061.947.000.000	42.816.745.000.000	25.107.538.000.000	17.709.207.000.000	36,174
33		MLBI	PT. Multi Bintang Indonesia, Tbk.	2.696.318.000.000	709.955.000.000	1.215.227.000.000	-505.272.000.000	-53,364
34		MYOR	PT. Mayora Indah, Tbk	14.818.730.635.847	7.454.347.029.087	3.151.495.162.694	4.302.851.866.393	34,439
35		ROTI	PT. Nippon Indosari Corpindo Tbk.	2.174.501.712.899	812.990.646.097	395.920.006.814	417.070.639.283	52,137
36		SKBM	PT. Sekar Bumi, Tbk	1.362.245.580.664	341.723.784.839	298.417.379.502	43.306.405.337	314,560
37		SKLT	PT. Sekar Laut, Tbk	745.107.731.208	189.758.915.421	159.132.842.277	30.626.073.144	243,292
38		STTP	PT. Siantar Top, Tbk	2.544.277.844.656	875.469.433.776	554.491.047.968	320.978.385.808	79,266
39		ULTJ	PT. Ultrajaya Milk Ind. & Trading Co., Tbk	4.393.932.684.171	2.103.565.054.627	561.628.179.393	1.541.936.875.234	28,496

Lanjutan Lampiran 5

Perputaran Modal Kerja (X₃) Periode 2013-2017

No. Urut	Periode	Kode	Nama	Penjualan	Aktiva Lancar	Hutang Lancar	Modal Kerja	Perputaran Modal Kerja
40		ADES	PT. Akasha Wira International Tbk.	887.663.000.000	319.614.000.000	195.466.000.000	124.148.000.000	71,500
41		BUDI	PT. Budi Starch & Sweetener Tbk	2.467.553.000.000	1.092.360.000.000	1.090.816.000.000	1.544.000.000	15,981,561
42		CEKA	PT. Wilmar Cahaya Indonesia, Tbk	4.115.541.761.173	1.103.865.252.070	504.208.767.076	599.656.484.994	68,632
43		DLTA	PT. Delta Djakarta, Tbk	774.968.268.000	1.048.133.697.000	137.842.096.000	910.291.601.000	0,8513
44		ICBP	PT. Indofood CBP Sukses Makmur, Tbk	34.466.069.000.000	15.571.362.000.000	6.469.785.000.000	9.101.577.000.000	37,868
45	2016	INDF	PT. Indofood Sukses Makmur Tbk.	66.750.317.000.000	28.985.443.000.000	19.219.441.000.000	9.766.002.000.000	68,350
46		MLBI	PT. Multi Bintang Indonesia, Tbk.	3.263.311.000.000	901.258.000.000	1.326.261.000.000	-425.003.000.000	-76,783
47		MYOR	PT. Mayora Indah, Tbk	18.349.959.898.358	8.739.782.750.141	3.884.051.319.005	4.855.731.431.136	37,790
48		ROTI	PT. Nippon Indosari Corpindo Tbk.	2.521.920.968.213	949.414.338.057	320.501.824.382	628.912.513.675	40,100
49		SKBM	PT. Sekar Bumi, Tbk	1.501.115.928.446	519.269.756.899	468.979.800.633	50.289.956.266	298,492
50		SKLT	PT. Sekar Laut, Tbk	833.850.372.883	222.686.872.602	169.302.583.936	53.384.288.666	156,198
51		STTP	PT. Siantar Top, Tbk	2.629.107.367.897	921.133.961.428	556.752.312.634	364.381.648.794	72,153
52		ULTJ	PT. Ultrajaya Milk Ind. & Trading Co., Tbk	4.685.987.917.355	2.874.821.874.013	593.525.591.694	2.281.296.282.319	20,541

Lanjutan Lampiran 5

Perputaran Modal Kerja (X₃) Periode 2013-2017

No. Urut	Periode	Kode	Nama	Penjualan	Aktiva Lancar	Hutang Lancar	Modal Kerja	Perputaran Modal Kerja
53		ADES	PT. Akasha Wira International Tbk.	814.490.000.000	294.244.000.000	244.888.000.000	49.356.000.000	165,024
54		BUDI	PT. Budi Starch & Sweetener Tbk	2.510.578.000.000	1.027.489.000.000	1.019.986.000.000	7.503.000.000	3,346,099
55		CEKA	PT. Wilmar Cahaya Indonesia, Tbk	4.257.738.486.908	988.479.957.549	444.383.077.820	544.096.879.729	78,253
56		DLTA	PT. Delta Djakarta, Tbk	574.271.361.000	1.206.576.189.000	139.684.908.000	1.066.891.281.000	0,5383
57		ICBP	PT. Indofood CBP Sukses Makmur, Tbk	35.606.593.000.000	16.579.331.000.000	6.827.588.000.000	9.751.743.000.000	36,513
58	2017	INDF	PT. Indofood Sukses Makmur Tbk.	70.186.618.000.000	32.515.399.000.000	21.637.763.000.000	10.877.636.000.000	64,524
59		MLBI	PT. Multi Bintang Indonesia, Tbk.	3.389.736.000.000	1.076.845.000.000	1.304.114.000.000	-227.269.000.000	-149,151
60		MYOR	PT. Mayora Indah, Tbk	20.816.673.946.473	10.674.199.571.313	4.473.628.322.956	6.200.571.248.357	33,572
61		ROTI	PT. Nippon Indosari Corpindo Tbk.	2.491.100.179.560	2.319.937.439.019	1.027.176.531.240	1.292.760.907.779	19,270
62		SKBM	PT. Sekar Bumi, Tbk	1.841.487.199.828	836.639.597.232	511.596.750.506	325.042.846.726	56,654
63		SKLT	PT. Sekar Laut, Tbk	914.188.759.779	267.129.479.669	211.493.160.519	55.636.319.150	164,315
64		STTP	PT. Siantar Top, Tbk	2.825.409.180.889	947.986.050.367	358.963.437.494	589.022.612.873	47,968
65		ULTJ	PT. Ultrajaya Milk Ind. & Trading Co., Tbk	4.879.559.000.000	3.439.990.000.000	820.625.000.000	2.619.365.000.000	18,629

Sumber : <http://www.idx.co.id>

Lampiran 6

Rasio Hutang Terhadap Modal, Perputaran Total Aktiva, Perputaran Modal Kerja, *Return On Investment* Periode 2013-2017

No. Urut	Periode	Kode	Emiten	<i>Return On Investment</i> (Y)	Rasio Hutang Terhadap Modal (X ₁)	Perputaran Total Aktiva (X ₂)	Perputaran Modal Kerja (X ₃)
1	2013	ADES	PT. Akasha Wira International Tbk.	0,1262	0,6658	11,393	57,089
2		BUDI	PT. Budi Starch & Sweetener Tbk	0,0179	16,921	10,781	331,405
3		CEKA	PT. Wilmar Cahaya Indonesia, Tbk	0,0608	10,248	23,671	77,172
4		DLTA	PT. Delta Djakarta, Tbk	0,3120	0,2815	10,000	14,718
5		ICBP	PT. Indofood CBP Sukses Makmur, Tbk	0,1051	0,6032	11,800	37,878
6		INDF	PT. Indofood Sukses Makmur Tbk.	0,0437	10,351	0,7393	44,433
7		MLBI	PT. Multi Bintang Indonesia, Tbk.	0,6572	0,8046	19,987	-2,186,611
8		MYOR	PT. Mayora Indah, Tbk	0,1090	14,652	12,377	31,639
9		ROTI	PT. Nippon Indosari Corpindo Tbk.	0,0867	13,150	0,8260	344,642
10		SKBM	PT. Sekar Bumi, Tbk	0,1171	14,744	26,055	192,579
11		SKLT	PT. Sekar Laut, Tbk	0,0379	11,625	18,777	192,900
12		STTP	PT. Siantar Top, Tbk	0,0778	11,178	11,530	198,761
13		ULTJ	PT. Ultrajaya Milk Ind. & Trading Co., Tbk	0,1156	0,3952	12,307	37,138
14	2014	ADES	PT. Akasha Wira International Tbk.	0,0614	0,7068	11,464	68,906
15		BUDI	PT. Budi Starch & Sweetener Tbk	0,0115	17,120	0,9222	526,207
16		CEKA	PT. Wilmar Cahaya Indonesia, Tbk	0,0319	13,889	28,827	110,622
17		DLTA	PT. Delta Djakarta, Tbk	0,2904	0,2976	0,8864	13,257
18		ICBP	PT. Indofood CBP Sukses Makmur, Tbk	0,1016	0,6563	12,052	40,722
19		INDF	PT. Indofood Sukses Makmur Tbk.	0,0512	10,845	0,7400	34,724

Lanjutan Lampiran 6

Rasio Hutang Terhadap Modal, Perputaran Total Aktiva, Perputaran Modal Kerja, *Return On Investment* Periode 2013-2017

No. Urut	Periode	Kode	Emiten	<i>Return On Investment</i> (Y)	Rasio Hutang Terhadap Modal (X ₁)	Perputaran Total Aktiva (X ₂)	Perputaran Modal Kerja (X ₃)
20		MLBI	PT. Multi Bintang Indonesia, Tbk.	0,3563	30,286	13,395	-38,696
21		MYOR	PT. Mayora Indah, Tbk	0,0398	15,097	13,768	41,742
22		ROTI	PT. Nippon Indosari Corpindo Tbk.	0,0880	12,319	0,8774	166,826
23		SKBM	PT. Sekar Bumi, Tbk	0,1372	10,431	22,797	120,807
24		SKLT	PT. Sekar Laut, Tbk	0,0497	11,620	20,551	262,144
25		STTP	PT. Siantar Top, Tbk	0,0726	10,795	12,766	83,224
26		ULTJ	PT. Ultrajaya Milk Ind. & Trading Co., Tbk	0,0971	0,2878	13,427	34,025
27		ADES	PT. Akasha Wira International Tbk.	0,0503	0,9893	10,253	87,024
28		BUDI	PT. Budi Starch & Sweetener Tbk	0,0065	19,549	0,7284	18,939,530
29		CEKA	PT. Wilmar Cahaya Indonesia, Tbk	0,0717	10,000	23,460	85,626
30		DLTA	PT. Delta Djakarta, Tbk	0,1850	0,2221	0,6737	0,9185
31		ICBP	PT. Indofood CBP Sukses Makmur, Tbk	0,1101	0,6208	11,950	39,880
32	2015	INDF	PT. Indofood Sukses Makmur Tbk.	0,0352	11,296	0,6976	36,174
33		MLBI	PT. Multi Bintang Indonesia, Tbk.	0,2365	17,409	12,834	-53,364
34		MYOR	PT. Mayora Indah, Tbk	0,1102	11,836	13,065	34,439
35		ROTI	PT. Nippon Indosari Corpindo Tbk.	0,1000	12,770	0,8035	52,137
36		SKBM	PT. Sekar Bumi, Tbk	0,0525	12,218	17,819	314,560
37		SKLT	PT. Sekar Laut, Tbk	0,0532	14,803	19,758	243,292
38		STTP	PT. Siantar Top, Tbk	0,0967	0,9028	13,254	79,266

Lanjutan Lampiran 6

Rasio Hutang Terhadap Modal, Perputaran Total Aktiva, Perputaran Modal Kerja, *Return On Investment* Periode 2013-2017

No. Urut	Periode	Kode	Emiten	<i>Return On Investment</i> (Y)	Rasio Hutang Terhadap Modal (X ₁)	Perputaran Total Aktiva (X ₂)	Perputaran Modal Kerja (X ₃)
39	2016	ULTJ	PT. Ultrajaya Milk Ind. & Trading Co., Tbk	0,1478	0,2654	12,412	28,496
40		ADES	PT. Akasha Wira International Tbk.	0,0729	0,9966	11,566	71,500
41		BUDI	PT. Budi Starch & Sweetener Tbk	0,0132	15,166	0,8416	15,981,561
42		CEKA	PT. Wilmar Cahaya Indonesia, Tbk	0,1751	0,6060	28,861	68,632
43		DLTA	PT. Delta Djakarta, Tbk	0,2125	0,1832	0,6470	0,8513
44		ICBP	PT. Indofood CBP Sukses Makmur, Tbk	0,1256	0,5622	11,925	37,868
45		INDF	PT. Indofood Sukses Makmur Tbk.	0,0591	0,8701	0,8123	68,350
46		MLBI	PT. Multi Bintang Indonesia, Tbk.	0,4317	17,723	14,344	-76,783
47		MYOR	PT. Mayora Indah, Tbk	0,1075	10,626	14,200	37,790
48		ROTI	PT. Nippon Indosari Corpindo Tbk.	0,0958	10,237	0,8638	40,100
49		SKBM	PT. Sekar Bumi, Tbk	0,0225	17,190	14,986	298,492
50		SKLT	PT. Sekar Laut, Tbk	0,0363	0,9187	14,674	156,198
51		STTP	PT. Siantar Top, Tbk	0,0745	0,9995	11,253	72,153
52		ULTJ	PT. Ultrajaya Milk Ind. & Trading Co., Tbk	0,1674	0,2149	11,054	20,541
53	ADES	PT. Akasha Wira International Tbk.	0,0455	0,9863	0,9694	165,024	
54	BUDI	PT. Budi Starch & Sweetener Tbk	0,0155	14,604	0,8541	3,346,099	
55	2017	CEKA	PT. Wilmar Cahaya Indonesia, Tbk	0,0771	0,5422	30,573	78,253
56		DLTA	PT. Delta Djakarta, Tbk	0,2087	0,1714	0,4283	0,5383
57		ICBP	PT. Indofood CBP Sukses Makmur, Tbk	0,1121	0,5557	11,261	36,513

Lanjutan Lampiran 6

Rasio Hutang Terhadap Modal, Perputaran Total Aktiva, Perputaran Modal Kerja, *Return On Investment* Periode 2013-2017

No. Urut	Periode	Kode	Emiten	<i>Return On Investment</i> (Y)	Rasio Hutang Terhadap Modal (X ₁)	Perputaran Total Aktiva (X ₂)	Perputaran Modal Kerja (X ₃)
58		INDF	PT. Indofood Sukses Makmur Tbk.	0,0585	0,8808	0,7981	64,524
59		MLBI	PT. Multi Bintang Indonesia, Tbk.	0,5267	13,571	13,505	-149,151
60		MYOR	PT. Mayora Indah, Tbk	0,1093	10,282	13,956	33,572
61		ROTI	PT. Nippon Indosari Corpindo Tbk.	0,0297	0,6168	0,5463	19,270
62		SKBM	PT. Sekar Bumi, Tbk	0,0159	0,5862	11,346	56,654
63		SKLT	PT. Sekar Laut, Tbk	0,0361	10,687	14,368	164,315
64		STTP	PT. Siantar Top, Tbk	0,0922	0,6916	12,062	47,968
65		ULTJ	PT. Ultrajaya Milk Ind. & Trading Co., Tbk	0,1372	0,2324	0,9407	18,629

Sumber : Hasil Olah Data, 2019

Lampiran 7

Tabel Durbin Watson

n	k=1		k=2		k=3		k=4		k=5	
	dL	dU	dL	dU	dL	dU	dL	dU	dL	dU
21	1.2212	1.4200	1.1246	1.5385	1.0262	1.6694	0.9272	1.8116	0.8286	1.9635
22	1.2395	1.4289	1.1471	1.5408	1.0529	1.6640	0.9578	1.7974	0.8629	1.9400
23	1.2567	1.4375	1.1682	1.5435	1.0778	1.6597	0.9864	1.7855	0.8949	1.9196
24	1.2728	1.4458	1.1878	1.5464	1.1010	1.6565	1.0131	1.7753	0.9249	1.9018
25	1.2879	1.4537	1.2063	1.5495	1.1228	1.6540	1.0381	1.7666	0.9530	1.8863
26	1.3022	1.4614	1.2236	1.5528	1.1432	1.6523	1.0616	1.7591	0.9794	1.8727
27	1.3157	1.4688	1.2399	1.5562	1.1624	1.6510	1.0836	1.7527	1.0042	1.8608
28	1.3284	1.4759	1.2553	1.5596	1.1805	1.6503	1.1044	1.7473	1.0276	1.8502
29	1.3405	1.4828	1.2699	1.5631	1.1976	1.6499	1.1241	1.7426	1.0497	1.8409
30	1.3520	1.4894	1.2837	1.5666	1.2138	1.6498	1.1426	1.7386	1.0706	1.8326
31	1.3630	1.4957	1.2969	1.5701	1.2292	1.6500	1.1602	1.7352	1.0904	1.8252
32	1.3734	1.5019	1.3093	1.5736	1.2437	1.6505	1.1769	1.7323	1.1092	1.8187
33	1.3834	1.5078	1.3212	1.5770	1.2576	1.6511	1.1927	1.7298	1.1270	1.8128
34	1.3929	1.5136	1.3325	1.5805	1.2707	1.6519	1.2078	1.7277	1.1439	1.8076
35	1.4019	1.5191	1.3433	1.5838	1.2833	1.6528	1.2221	1.7259	1.1601	1.8029
36	1.4107	1.5245	1.3537	1.5872	1.2953	1.6539	1.2358	1.7245	1.1755	1.7987
37	1.4190	1.5297	1.3635	1.5904	1.3068	1.6550	1.2489	1.7233	1.1901	1.7950
38	1.4270	1.5348	1.3730	1.5937	1.3177	1.6563	1.2614	1.7223	1.2042	1.7916
39	1.4347	1.5396	1.3821	1.5969	1.3283	1.6575	1.2734	1.7215	1.2176	1.7886
40	1.4421	1.5444	1.3908	1.6000	1.3384	1.6589	1.2848	1.7209	1.2305	1.7859
41	1.4493	1.5490	1.3992	1.6031	1.3480	1.6603	1.2958	1.7205	1.2428	1.7835
42	1.4562	1.5534	1.4073	1.6061	1.3573	1.6617	1.3064	1.7202	1.2546	1.7814
43	1.4628	1.5577	1.4151	1.6091	1.3663	1.6632	1.3166	1.7200	1.2660	1.7794
44	1.4692	1.5619	1.4226	1.6120	1.3749	1.6647	1.3263	1.7200	1.2769	1.7777
45	1.4754	1.5660	1.4298	1.6148	1.3832	1.6662	1.3357	1.7200	1.2874	1.7762
46	1.4814	1.5700	1.4368	1.6176	1.3912	1.6677	1.3448	1.7201	1.2976	1.7748
47	1.4872	1.5739	1.4435	1.6204	1.3989	1.6692	1.3535	1.7203	1.3073	1.7736
48	1.4928	1.5776	1.4500	1.6231	1.4064	1.6708	1.3619	1.7206	1.3167	1.7725
49	1.4982	1.5813	1.4564	1.6257	1.4136	1.6723	1.3701	1.7210	1.3258	1.7716
50	1.5035	1.5849	1.4625	1.6283	1.4206	1.6739	1.3779	1.7214	1.3346	1.7708
51	1.5086	1.5884	1.4684	1.6309	1.4273	1.6754	1.3855	1.7218	1.3431	1.7701
52	1.5135	1.5917	1.4741	1.6334	1.4339	1.6769	1.3929	1.7223	1.3512	1.7694
53	1.5183	1.5951	1.4797	1.6359	1.4402	1.6785	1.4000	1.7228	1.3592	1.7689
54	1.5230	1.5983	1.4851	1.6383	1.4464	1.6800	1.4069	1.7234	1.3669	1.7684
55	1.5276	1.6014	1.4903	1.6406	1.4523	1.6815	1.4136	1.7240	1.3743	1.7681
56	1.5320	1.6045	1.4954	1.6430	1.4581	1.6830	1.4201	1.7246	1.3815	1.7678
57	1.5363	1.6075	1.5004	1.6452	1.4637	1.6845	1.4264	1.7253	1.3885	1.7675
58	1.5405	1.6105	1.5052	1.6475	1.4692	1.6860	1.4325	1.7259	1.3953	1.7673
59	1.5446	1.6134	1.5099	1.6497	1.4745	1.6875	1.4385	1.7266	1.4019	1.7672
60	1.5485	1.6162	1.5144	1.6518	1.4797	1.6889	1.4443	1.7274	1.4083	1.7671
61	1.5524	1.6189	1.5189	1.6540	1.4847	1.6904	1.4499	1.7281	1.4146	1.7671
62	1.5562	1.6216	1.5232	1.6561	1.4896	1.6918	1.4554	1.7288	1.4206	1.7671
63	1.5599	1.6243	1.5274	1.6581	1.4943	1.6932	1.4607	1.7296	1.4265	1.7671
64	1.5635	1.6268	1.5315	1.6601	1.4990	1.6946	1.4659	1.7303	1.4322	1.7672
65	1.5670	1.6294	1.5355	1.6621	1.5035	1.6960	1.4709	1.7311	1.4378	1.7673
66	1.5704	1.6318	1.5395	1.6640	1.5079	1.6974	1.4758	1.7319	1.4433	1.7675
67	1.5738	1.6343	1.5433	1.6660	1.5122	1.6988	1.4806	1.7327	1.4486	1.7676
68	1.5771	1.6367	1.5470	1.6678	1.5164	1.7001	1.4853	1.7335	1.4537	1.7678
69	1.5803	1.6390	1.5507	1.6697	1.5205	1.7015	1.4899	1.7343	1.4588	1.7680
70	1.5834	1.6413	1.5542	1.6715	1.5245	1.7028	1.4943	1.7351	1.4637	1.7683

Sumber : Junaidi (<http://junaidichaniago.wordpress.com>)

Lampiran 8

Tabel Uji t

Pr df	0.25	0.10	0.05	0.025	0.01	0.005	0.001
	0.50	0.20	0.10	0.050	0.02	0.010	0.002
41	0.680521	1.302543	1.682878	2.019541	2.420803	2.701181	3.301273
42	0.680376	1.302035	1.681952	2.018082	2.418470	2.698066	3.295951
43	0.680238	1.301552	1.681071	2.016692	2.416250	2.695102	3.290890
44	0.680107	1.301090	1.680230	2.015368	2.414134	2.692278	3.286072
45	0.679981	1.300649	1.679427	2.014103	2.412116	2.689585	3.281480
46	0.679861	1.300228	1.678660	2.012896	2.410188	2.687013	3.277098
47	0.679746	1.299825	1.677927	2.011740	2.408345	2.684556	3.272912
48	0.679635	1.299439	1.677224	2.010635	2.406581	2.682204	3.268910
49	0.679530	1.299069	1.676551	2.009575	2.404892	2.679952	3.265079
50	0.679428	1.298714	1.675905	2.008559	2.403272	2.677793	3.261409
51	0.679331	1.298373	1.675285	2.007584	2.401718	2.675722	3.257890
52	0.679237	1.298045	1.674689	2.006647	2.400225	2.673734	3.254512
53	0.679147	1.297730	1.674116	2.005746	2.398790	2.671823	3.251268
54	0.679060	1.297426	1.673565	2.004879	2.397410	2.669985	3.248149
55	0.678977	1.297134	1.673034	2.004045	2.396081	2.668216	3.245149
56	0.678896	1.296853	1.672522	2.003241	2.394801	2.666512	3.242261
57	0.678818	1.296581	1.672029	2.002465	2.393567	2.664870	3.239478
58	0.678743	1.296319	1.671553	2.001717	2.392377	2.663287	3.236795
59	0.678671	1.296066	1.671093	2.000995	2.391229	2.661759	3.234207
60	0.678601	1.295821	1.670649	2.000298	2.390119	2.660283	3.231709
61	0.678533	1.295585	1.670219	1.999624	2.389047	2.658857	3.229296
62	0.678467	1.295356	1.669804	1.998971	2.388011	2.657479	3.226964
63	0.678404	1.295134	1.669402	1.998341	2.387008	2.656145	3.224709
64	0.678342	1.294920	1.669013	1.997730	2.386037	2.654854	3.222527
65	0.678283	1.294712	1.668636	1.997138	2.385097	2.653604	3.220414
66	0.678225	1.294511	1.668271	1.996564	2.384186	2.652393	3.218368
67	0.678169	1.294315	1.667916	1.996008	2.383302	2.651220	3.216386
68	0.678115	1.294126	1.667572	1.995469	2.382446	2.650081	3.214463
69	0.678062	1.293942	1.667239	1.994945	2.381614	2.648977	3.212599
70	0.678011	1.293763	1.666914	1.994437	2.380807	2.647905	3.210789
71	0.677961	1.293589	1.666600	1.993943	2.380024	2.646863	3.209032
72	0.677912	1.293421	1.666294	1.993464	2.379262	2.645852	3.207326
73	0.677865	1.293256	1.665996	1.992997	2.378522	2.644869	3.205668
74	0.677820	1.293097	1.665707	1.992543	2.377802	2.643913	3.204056
75	0.677775	1.292941	1.665425	1.992102	2.377102	2.642983	3.202489
76	0.677732	1.292790	1.665151	1.991673	2.376420	2.642078	3.200964
77	0.677689	1.292643	1.664885	1.991254	2.375757	2.641198	3.199480
78	0.677648	1.292500	1.664625	1.990847	2.375111	2.640340	3.198035
79	0.677608	1.292360	1.664371	1.990450	2.374482	2.639505	3.196628
80	0.677569	1.292224	1.664125	1.990063	2.373868	2.638691	3.195258

Sumber : Junaidi (<http://junaidichaniago.wordpress.com>)

Lampiran 9

Tabel Uji F

df untuk penyebut (N2)	df untuk pembilang (N1)														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
47	4.05	3.20	2.80	2.57	2.41	2.3	2.21	2.14	2.09	2.04	2.00	1.96	1.93	1.91	1.88
48	4.04	3.19	2.80	2.57	2.41	2.29	2.21	2.14	2.08	2.03	1.99	1.96	1.93	1.90	1.88
49	4.04	3.19	2.79	2.56	2.40	2.29	2.20	2.13	2.08	2.03	1.99	1.96	1.93	1.90	1.88
50	4.03	3.18	2.79	2.56	2.40	2.29	2.20	2.13	2.07	2.03	1.99	1.95	1.92	1.89	1.87
51	4.03	3.18	2.79	2.55	2.40	2.28	2.20	2.13	2.07	2.02	1.98	1.95	1.92	1.89	1.87
52	4.03	3.18	2.78	2.55	2.39	2.28	2.19	2.12	2.07	2.02	1.98	1.94	1.91	1.89	1.86
53	4.02	3.17	2.78	2.55	2.39	2.28	2.19	2.12	2.06	2.01	1.97	1.94	1.91	1.88	1.86
54	4.02	3.17	2.78	2.54	2.39	2.27	2.18	2.12	2.06	2.01	1.97	1.94	1.91	1.88	1.86
55	4.02	3.16	2.77	2.54	2.38	2.27	2.18	2.11	2.06	2.01	1.97	1.93	1.90	1.88	1.85
56	4.01	3.16	2.77	2.54	2.38	2.27	2.18	2.11	2.05	2.00	1.96	1.93	1.90	1.87	1.85
57	4.01	3.16	2.77	2.53	2.38	2.26	2.18	2.11	2.05	2.00	1.96	1.93	1.90	1.87	1.85
58	4.01	3.16	2.76	2.53	2.37	2.26	2.17	2.10	2.05	2.00	1.96	1.92	1.89	1.87	1.84
59	4.00	3.15	2.76	2.53	2.37	2.26	2.17	2.10	2.04	2.00	1.96	1.92	1.89	1.86	1.84
60	4.00	3.15	2.76	2.53	2.37	2.25	2.17	2.10	2.04	1.99	1.95	1.92	1.89	1.86	1.84
61	4.00	3.15	2.76	2.52	2.37	2.25	2.16	2.09	2.04	1.99	1.95	1.91	1.88	1.86	1.83
62	4.00	3.15	2.75	2.52	2.36	2.25	2.16	2.09	2.03	1.99	1.95	1.91	1.88	1.85	1.83
63	3.99	3.14	2.75	2.52	2.36	2.25	2.16	2.09	2.03	1.98	1.94	1.91	1.88	1.85	1.83
64	3.99	3.14	2.75	2.52	2.36	2.24	2.16	2.09	2.03	1.98	1.94	1.91	1.88	1.85	1.83
65	3.99	3.14	2.75	2.51	2.36	2.24	2.15	2.08	2.03	1.98	1.94	1.90	1.87	1.85	1.82
66	3.99	3.14	2.74	2.51	2.35	2.24	2.15	2.08	2.03	1.98	1.94	1.90	1.87	1.84	1.82
67	3.98	3.13	2.74	2.51	2.35	2.24	2.15	2.08	2.02	1.98	1.93	1.90	1.87	1.84	1.82
68	3.98	3.13	2.74	2.51	2.35	2.24	2.15	2.08	2.02	1.97	1.93	1.90	1.87	1.84	1.82
69	3.98	3.13	2.74	2.50	2.35	2.23	2.15	2.08	2.02	1.97	1.93	1.90	1.86	1.84	1.81
70	3.98	3.13	2.74	2.50	2.35	2.23	2.14	2.07	2.02	1.97	1.93	1.89	1.86	1.84	1.81
71	3.98	3.13	2.73	2.50	2.34	2.23	2.14	2.07	2.01	1.97	1.93	1.89	1.86	1.83	1.81
72	3.97	3.12	2.73	2.50	2.34	2.23	2.14	2.07	2.01	1.96	1.92	1.89	1.86	1.83	1.81
73	3.97	3.12	2.73	2.50	2.34	2.23	2.14	2.07	2.01	1.96	1.92	1.89	1.86	1.83	1.81
74	3.97	3.12	2.73	2.50	2.34	2.22	2.14	2.07	2.01	1.96	1.92	1.89	1.85	1.83	1.80
75	3.97	3.12	2.73	2.49	2.34	2.22	2.13	2.06	2.01	1.96	1.92	1.88	1.85	1.83	1.80
76	3.97	3.12	2.72	2.49	2.33	2.22	2.13	2.06	2.01	1.96	1.92	1.88	1.85	1.82	1.80
77	3.97	3.12	2.72	2.49	2.33	2.22	2.13	2.06	2.00	1.96	1.92	1.88	1.85	1.82	1.80
78	3.96	3.11	2.72	2.49	2.33	2.22	2.13	2.06	2.00	1.95	1.91	1.88	1.85	1.82	1.80
79	3.96	3.11	2.72	2.49	2.33	2.22	2.13	2.06	2.00	1.95	1.91	1.88	1.85	1.82	1.79
80	3.96	3.11	2.72	2.49	2.33	2.21	2.13	2.06	2.00	1.95	1.91	1.88	1.84	1.82	1.79
81	3.96	3.11	2.72	2.48	2.33	2.21	2.12	2.05	2.00	1.95	1.91	1.87	1.84	1.82	1.79
82	3.96	3.11	2.72	2.48	2.33	2.21	2.12	2.05	2.00	1.95	1.91	1.87	1.84	1.81	1.79
83	3.96	3.11	2.71	2.48	2.32	2.21	2.12	2.05	1.99	1.95	1.91	1.87	1.84	1.81	1.79
84	3.95	3.11	2.71	2.48	2.32	2.21	2.12	2.05	1.99	1.95	1.90	1.87	1.84	1.81	1.79
85	3.95	3.10	2.71	2.48	2.32	2.21	2.12	2.05	1.99	1.94	1.90	1.87	1.84	1.81	1.79
86	3.95	3.10	2.71	2.48	2.32	2.21	2.12	2.05	1.99	1.94	1.90	1.87	1.84	1.81	1.78
87	3.95	3.10	2.71	2.48	2.32	2.20	2.12	2.05	1.99	1.94	1.90	1.87	1.83	1.81	1.78
88	3.95	3.10	2.71	2.48	2.32	2.20	2.12	2.05	1.99	1.94	1.90	1.86	1.83	1.81	1.78
89	3.95	3.10	2.71	2.47	2.32	2.20	2.11	2.04	1.99	1.94	1.90	1.86	1.83	1.80	1.78
90	3.95	3.10	2.71	2.47	2.32	2.20	2.11	2.04	1.99	1.94	1.90	1.86	1.83	1.80	1.78

Sumber : Junaidi (<http://junaidichaniago.wordpress.com>)

Lampiran 10

Hasil *Output* SPSS

Descriptives

Descriptive Statistics					
	N	Minimum	Maximum	Mean	Std. Deviation
Rasio Hutang Terhadap Modal	65	.1714	3.0286	.9975	.5191
Perputaran Total Aktiva	65	.4283	3.0573	1.3053	.5793
Perputaran Modal Kerja	65	-218.6611	1893.9530	63.7023	307.4399
Return On Investment	65	.0065	.6572	.1165	.1192
Valid N (listwise)	65				

HASIL SEBELUM OUTLIER

NPar Tests

One-Sample Kolmogorov-Smirnov Test		
		Unstandardized Residual
N		65
Normal Parameters ^{a,b}	Mean	.0000
	Std. Deviation	.1156
Most Extreme Differences	Absolute	.217
	Positive	.217
	Negative	-.173
Kolmogorov-Smirnov Z		1.748
Asymp. Sig. (2-tailed)		.004

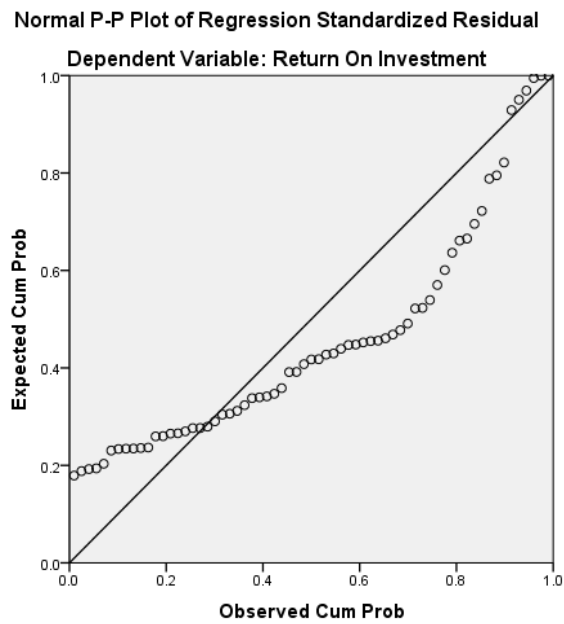
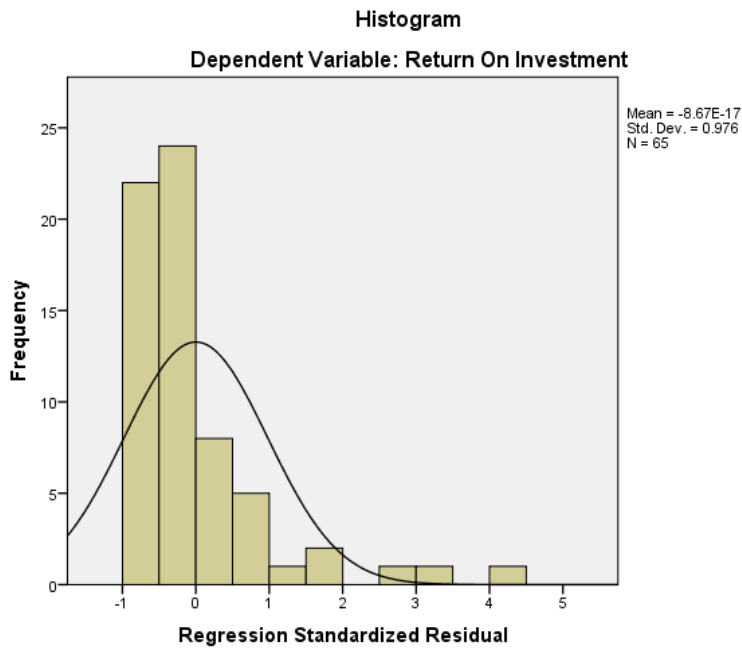
a. Test distribution is Normal.

b. Calculated from data.

Lanjutan Lampiran 10

Hasil *Output* SPSS

Charts



Lanjutan Lampiran 10

Hasil *Output* SPSS

HASIL SETELAH OUTLIER

NPar Tests

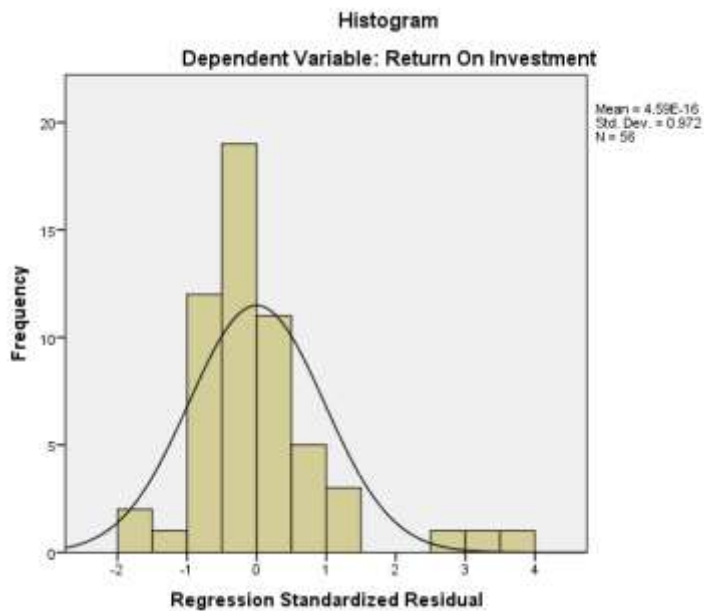
One-Sample Kolmogorov-Smirnov Test

		Unstandardized Residual
N		56
Normal Parameters ^{a,b}	Mean	.0000
	Std. Deviation	.0539
Most Extreme Differences	Absolute	.147
	Positive	.147
	Negative	-.118
Kolmogorov-Smirnov Z		1.102
Asymp. Sig. (2-tailed)		.176

a. Test distribution is Normal.

b. Calculated from data.

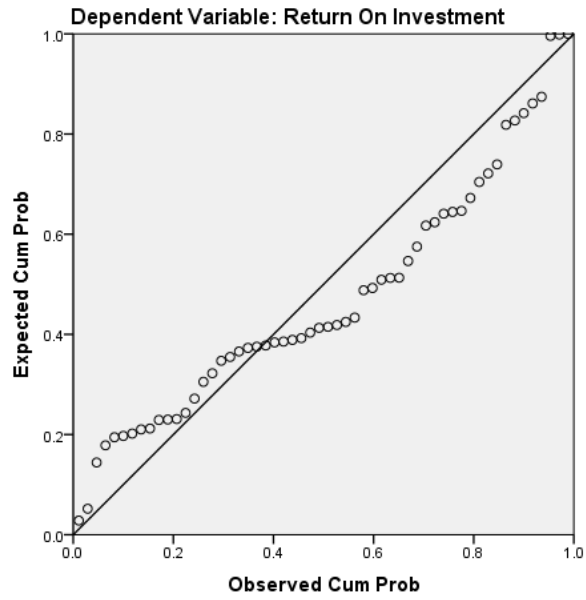
Charts



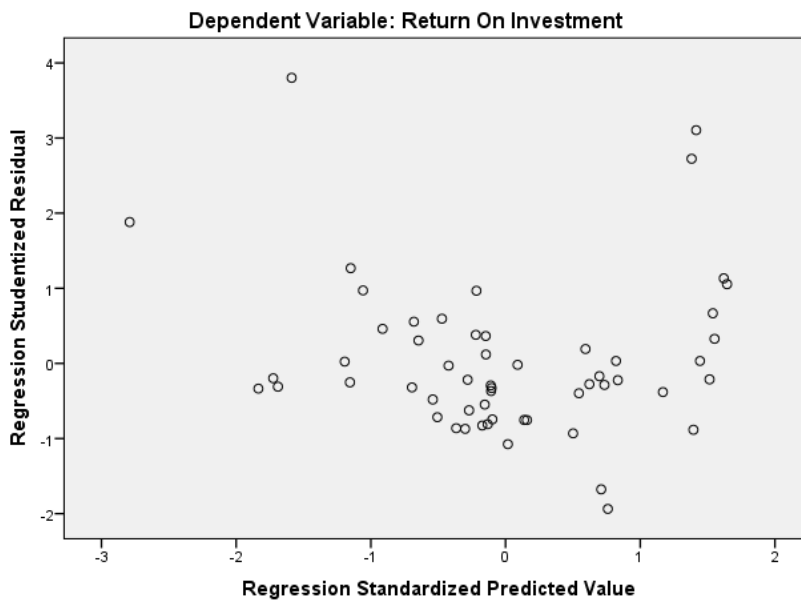
Lanjutan Lampiran 10

Hasil *Output* SPSS

Normal P-P Plot of Regression Standardized Residual



Scatterplot



Lanjutan Lampiran 10

Hasil *Output* SPSS

Regression

		Coefficients ^a	
		Tolerance	VIF
1	Outlier Rasio Hutang Terhadap Modal	.798	1.252
	Outlier Perputaran Total Aktiva	.878	1.139
	Outlier Perputaran Modal Kerja	.888	1.126

a. Dependent Variable: Outlier Return On Investment

Model Summary^b

Model	Durbin-Watson
1	1.975 ^a

a. Predictors: (Constant), Outlier Perputaran Modal Kerja, Outlier Perputaran Total Aktiva, Outlier Rasio Hutang Terhadap Modal

b. Dependent Variable: Outlier Return On Investment

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.552 ^a	.305	.265	.0554

a. Predictors: (Constant), Outlier Perputaran Modal Kerja, Outlier Perputaran Total Aktiva, Outlier Rasio Hutang Terhadap Modal

b. Dependent Variable: Outlier Return On Investment

Lanjutan Lampiran 10

Hasil *Output* SPSS

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	.070	3	.023	7.599	.000 ^b
	Residual	.160	52	.003		
	Total	.230	55			

a. Dependent Variable: Outlier Return On Investment

b. Predictors: (Constant), Outlier Perputaran Modal Kerja, Outlier Perputaran Total Aktiva, Outlier Rasio Hutang Terhadap Modal

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.1659	.023		7.129	.000
	Outlier Rasio Hutang Terhadap Modal	-.0743	.019	-.499	-3.860	.000
	Outlier Perputaran Total Aktiva	.0003	.017	.002	.019	.985
	Outlier Perputaran Modal Kerja	-.0002	.000	-.130	-1.056	.296

a. Dependent Variable: Outlier Return On Investment