



## LAMPIRAN 1

### Kategori *Financial Distress* dan *Non Financial Distress* Dengan Menggunakan Metode *Zwimjweski* Pada

#### Perusahaan Manufaktur Sektor Makanan dan Minuman Tahun 2016-2018

NO	NAMA PERUSAHAAN	CODE	PROFITABILITAS (ROA)			LEVERAGE (DEBT RATIO)			LIKUIDITAS (CURRENT)			FINANCIAL DISTRESS		
			2016	2017	2018	2016	2017	2018	2016	2017	2018	2016	2017	2018
1	Tri Banyan Tirta Tbk.	ALTO	-5,63	-5,63	-4,53	0,62	0,62	0,65	1,07	1,07	1,17	24,58	24,58	19,78
2	Wilmar Cahaya Indonesia Tbk.	CEKA	17,51	7,71	7,93	0,38	0,35	0,16	2,19	2,22	5,11	-80,95	-37,00	-39,07
3	Delta Djakarta Tbk.	DLTA	21,53	20,86	22,18	0,15	0,15	0,16	7,60	8,64	7,28	-100,33	-97,37	-103,22
4	Indofood CBP Sukses Makmur Tbk.	ICBP	12,46	12,01	13,31	0,36	0,36	0,34	2,41	2,43	1,95	-58,33	-56,32	-62,27
5	Indofood Sukses Makmur Tbk.	INDF	5,04	4,74	4,32	0,47	0,47	0,48	1,51	1,50	1,07	-24,33	-22,97	-20,99
6	Multi Bintang Indonesia Tbk.	MLBI	43,16	52,66	42,38	0,64	0,58	0,60	0,68	0,83	0,78	-194,88	-237,99	-191,62
7	Mayora Indah Tbk.	MYOR	10,49	10,69	9,76	0,52	0,51	0,51	2,27	2,39	1,00	-48,58	-49,52	-45,29
8	Prasidha Aneka Niaga Tbk.	PSDN	-7,13	3,06	-6,72	0,57	0,57	0,64	1,06	1,16	1,14	31,04	-14,85	29,58
9	Nippon Indosari Corpindo Tbk.	ROTI	9,59	3,20	3,93	0,51	0,38	0,34	2,96	2,26	3,57	-44,58	-16,53	-20,08
10	Sekar Bumi Tbk.	SKBM	2,85	1,64	0,78	0,63	0,37	0,41	1,11	1,64	1,38	-13,53	-9,58	-5,46
11	Sekar Laut Tbk.	SKLT	3,63	3,63	4,30	0,48	0,52	0,55	1,32	1,26	1,22	-17,91	-17,70	-20,54
12	Siantar Top Tbk.	STTP	7,47	9,24	9,70	8,25	0,41	0,37	1,65	2,64	1,85	9,12	-43,56	-45,82
13	Ultrajaya Milk Industry & Trading Co. Tbk.	ULTJ	16,39	17,38	12,56	0,19	0,15	0,14	4,56	5,49	4,40	-77,01	-81,66	-60,04
$Z = -4,3-4,5(ROA)+5,7(DEBT\ RATIO)-0,004(CURRENT\ RATIO)$														

Sumber : Olah Data Sekunder 2019

## LAMPIRAN 2

### Rasio Likuiditas Pada Perusahaan Manufaktur Sektor Makanan dan Minuman Tahun 2016-2018

NO	NAMA PERUSAHAAN	CURRENT ASSETS			CURRENT LIABILITIES			DEBT RATIO		
		2016	2017	2018	2016	2017	2018	2016	2017	2018
1	Tri Banyan Tirta Tbk.	192943940,64	192943940,64	185898365,43	179485187,88	179485187,88	158659597,51	1,07	1,07	1,17
2	Wilmar Cahaya Indonesia Tbk.	1103865252,07	988479957,55	809166450,67	504208767,08	444383077,82	158255592,25	2,19	2,22	5,11
3	Delta Djakarta Tbk.	1048133697,00	1206576189,00	1258724413,00	137842096,00	139684908,00	172857916,00	7,60	8,64	7,28
4	Indofood CBP Sukses Makmur Tbk.	15571362000,00	16579331000,00	14121568000,00	6469785000,00	6827588000,00	7235398000,00	2,41	2,43	1,95
5	Indofood Sukses Makmur Tbk.	28985443000,00	32515399000,00	33272618000,00	19219441000,00	21637763000,00	31204102000,00	1,51	1,50	1,07
6	Multi Bintang Indonesia Tbk.	901258000,00	1076845000,00	1228961000,00	1326261000,00	1304114000,00	1578919000,00	0,68	0,83	0,78
7	Mayora Indah Tbk.	8739782750,14	10674199571,31	12647858727,87	3854051319,01	4473628322,96	12647858727,87	2,27	2,39	1,00
8	Prasidha Aneka Niaga Tbk.	349455819,96	387041829,49	429972387,03	329735955,10	333943794,88	377135681,12	1,06	1,16	1,14
9	Nippon Indosari Corpindo Tbk.	949414338,06	2319937439,02	1876409299,24	320501824,38	1027176531,24	525422150,05	2,96	2,26	3,57
10	Sekar Bumi Tbk.	519269756,90	836639597,20	851410216,64	468979800,63	511596750,50	615506825,73	1,11	1,64	1,38
11	Sekar Laut Tbk.	222686872,60	267129479,70	356735670,03	169302583,94	211493160,50	291349105,54	1,32	1,26	1,22
12	Siantar Top Tbk.	921133961,43	947986050,37	1250806822,92	556752312,63	358963437,49	676673564,91	1,65	2,64	1,85
13	Ultrajaya Milk Industry & Trading Co. Tbk.	2921469218,84	3297538645,00	2793521000,00	640172936,52	600228490,80	635161000,00	4,56	5,49	4,40

Sumber : Pojok BEI UKDW 2019

### LAMPIRAN 3

#### Rasio Profitabilitas Pada Perusahaan Manufaktur Sektor Makanan dan Minuman Tahun 2016-2018

NO	NAMA PERUSAHAAN	NET INCOME			TOTAL ASSET			PROFITABILITAS (ROA)		
		2016	2017	2018	2016	2017	2018	2016	2017	2018
1	Tri Banyan Tirta Tbk.	-6245831757,35	-6245831757,35	-4935926859,25	1.109.383.971,11	1.109.383.971,11	1.089.608.578,20	-5,63	-5,63	-4,53
2	Wilmar Cahaya Indonesia Tbk.	24968632308,87	10737226987,10	9269821418,69	1.425.964.152,42	1.392.636.444,50	1.168.956.042,71	17,51	7,71	7,93
3	Delta Djakarta Tbk.	25788561874,50	27969980077,90	31053997952,22	1.197.796.650,00	1.340.842.765,00	1.400.090.079,00	21,53	20,86	22,18
4	Indofood CBP Sukses Makmur Tbk.	360118272080,00	379750363140,00	457426806430,00	28.901.948.000,00	31.619.514.000,00	34.367.153.000,00	12,46	12,01	13,31
5	Indofood Sukses Makmur Tbk.	414159555600,00	416833173120,00	417043278720,00	82.174.515.000,00	87.939.488.000,00	96.537.796.000,00	5,04	4,74	4,32
6	Multi Bintang Indonesia Tbk.	98190640080,00	132180707480,00	122457052380,00	2.275.038.000,00	2.510.078.000,00	2.889.501.000,00	43,16	52,66	42,38
7	Mayora Indah Tbk.	135556205302,38	159450434364,67	171695054723,91	12.922.421.859,14	14.915.849.800,25	17.591.706.426,63	10,49	10,69	9,76
8	Prasidha Aneka Niaga Tbk.	-4661570652,17	2114398393,17	-4987242552,30	653.796.725,41	690.979.867,05	742.149.189,33	-7,13	3,06	-6,72
9	Nippon Indosari Corpindo Tbk.	27999355835,12	14590635870,11	17267674796,86	2.919.640.858,72	4.559.573.709,41	4.393.810.380,88	9,59	3,2	3,93
10	Sekar Bumi Tbk.	2854722484,20	2661765059,00	1381665458,17	1.001.657.012,00	1.623.027.475,00	1.771.365.972,01	2,85	1,64	0,78
11	Sekar Laut Tbk.	2062710982,02	2309711683,03	3213363019,39	568.239.939,95	636.284.210,20	747.293.725,44	3,63	3,63	4,3
12	Siantar Top Tbk.	1057212318,72	21644075775,17	25522541157,29	141.527.753,51	2.342.432.443,20	2.631.189.810,03	7,47	9,24	9,7
13	Ultrajaya Milk Industry & Trading Co. Tbk.	70245032103,65	85432693308,82	69781739760,00	4.285.846.986,19	4.915.574.989,00	5.555.871.000,00	16,39	17,38	12,56

Sumber : Pojok BEI UKDW 2019

## LAMPIRAN 4

### Rasio *Leverage* Pada Perusahaan Manufaktur Sektor Makanan dan Minuman Tahun 2016-2018

NO	NAMA PERUSAHAAN	TOTAL LIABILITIES			TOTAL ASSET			LEVERAGE		
		2016	2017	2018	2016	2017	2018	2016	2017	2018
1	Tri Banyan Tirta Tbk.	690.099.182,41	690.099.182,41	707.484.630,18	1.109.383.971,11	1.109.383.971,11	1.089.608.578,20	0,62	0,62	0,65
2	Wilmar Cahaya Indonesia Tbk.	538.044.038,69	489.592.257,43	192.308.466,86	1.425.964.152,42	1.392.636.444,50	1.168.956.042,71	0,38	0,35	0,16
3	Delta Djakarta Tbk.	185.422.642,00	196.197.372,00	224.688.739,00	1.197.796.650,00	1.340.842.765,00	1.400.090.079,00	0,15	0,15	0,16
4	Indofood CBP Sukses Makmur Tbk.	10.401.125.000,00	11.295.184.000,00	11.660.003.000,00	28.901.948.000,00	31.619.514.000,00	34.367.153.000,00	0,36	0,36	0,34
5	Indofood Sukses Makmur Tbk.	38.233.092.000,00	41.182.764.000,00	46.620.996.000,00	82.174.515.000,00	87.939.488.000,00	96.537.796.000,00	0,47	0,47	0,48
6	Multi Bintang Indonesia Tbk.	1.454.398.000,00	1.445.173.000,00	1.721.965.000,00	2.275.038.000,00	2.510.078.000,00	2.889.501.000,00	0,64	0,58	0,60
7	Mayora Indah Tbk.	6.657.165.872,08	7.561.503.434,18	9.049.161.944,94	12.922.421.859,14	14.915.849.800,25	17.591.706.426,63	0,52	0,51	0,51
8	Prasidha Aneka Niaga Tbk.	373.511.385,03	391.494.545,68	474.427.998,52	653.796.725,41	690.979.867,05	742.149.189,33	0,57	0,57	0,64
9	Nippon Indosari Corpindo Tbk.	1.476.889.086,69	1.739.467.993,98	1.476.909.260,77	2.919.640.858,72	4.559.573.709,41	4.393.810.380,88	0,51	0,38	0,34
10	Sekar Bumi Tbk.	633.267.725,36	599.790.014,70	730.789.419,44	1.001.657.012,00	1.623.027.475,00	1.771.365.972,01	0,63	0,37	0,41
11	Sekar Laut Tbk.	272.088.644,08	328.714.436,00	408.057.718,44	568.239.939,95	636.284.210,20	747.293.725,44	0,48	0,52	0,55
12	Siantar Top Tbk.	1.167.899.357,27	957.660.374,84	984.801.863,08	141.527.753,51	2.342.432.443,20	2.631.189.810,03	8,25	0,41	0,37
13	Ultrajaya Milk Industry & Trading Co. Tbk.	796.613.491,41	750.363.313,60	780.915.000,00	4.285.846.986,19	4.915.574.989,00	5.555.871.000,00	0,19	0,15	0,14

Sumber : Pojok BEI UKDW 2019

## LAMPIRAN 5

### Rasio Aktivitas Pada Perusahaan Manufaktur Sektor Makanan dan Minuman Tahun 2016-2018

NO	NAMA PERUSAHAAN	TOTAL SALES			TOTAL ASSET			AKTIVITAS		
		2016	2017	2018	2016	2017	2018	2016	2017	2018
1	Tri Banyan Tirta Tbk.	262.143.990,84	262.143.990,84	208.988.833,54	1.109.383.971,11	1.109.383.971,11	1.089.608.578,20	0,24	0,24	0,19
2	Wilmar Cahaya Indonesia Tbk.	4.115.541.761,17	4.257.738.486,91	3.629.327.583,57	1.425.964.152,42	1.392.636.444,50	1.168.956.042,71	2,89	3,06	3,10
3	Delta Jakarta Tbk.	774.968.268,00	777.308.328,00	627.785.539,00	1.197.796.650,00	1.340.842.765,00	1.400.090.079,00	0,65	0,58	0,45
4	Indofood CBP Sukses Makmur Tbk.	34.466.069.000,00	35.606.593.000,00	38.413.407.000,00	28.901.948.000,00	31.619.514.000,00	34.367.153.000,00	1,19	1,13	1,12
5	Indofood Sukses Makmur Tbk.	66.750.317.000,00	70.186.618.000,00	73.394.728.000,00	82.174.515.000,00	87.939.488.000,00	96.537.796.000,00	0,81	0,80	0,76
6	Multi Bintang Indonesia Tbk.	3.263.311.000,00	3.389.736.000,00	3.649.615.000,00	2.275.038.000,00	2.510.078.000,00	2.889.501.000,00	1,43	1,35	1,26
7	Mayora Indah Tbk.	18.349.959.898,36	20.816.673.946,47	24.060.802.395,73	12.922.421.859,14	14.915.849.800,25	17.591.706.426,63	1,42	1,40	1,37
8	Prasidha Aneka Niaga Tbk.	932.905.806,44	1.399.580.417,00	1.027.780.555,54	653.796.725,41	690.979.867,05	742.149.189,33	1,43	2,03	1,38
9	Nippon Indosari Corpindo Tbk.	2.521.920.968,21	2.491.100.179,56	2.766.545.866,68	2.919.640.858,72	4.559.573.709,41	4.393.810.380,88	0,86	0,55	0,63
10	Sekar Bumi Tbk.	1.501.115.928,45	1.841.487.200,00	1.953.910.957,16	1.001.657.012,00	1.623.027.475,00	1.771.365.972,01	1,50	1,13	1,10
11	Sekar Laut Tbk.	833.850.372,88	914.188.759,80	1.045.029.834,38	568.239.939,95	636.284.210,20	747.293.725,44	1,47	1,44	1,40
12	Siantar Top Tbk.	2.629.107.367,90	2.825.409.180,89	2.826.957.323,40	141.527.753,51	2.342.432.443,20	2.631.189.810,03	18,58	1,21	1,07
13	Ultrajaya Milk Industry & Trading Co. Tbk.	1.685.987.917,36	3.576.102.616,00	5.472.882.000,00	4.285.846.986,19	4.915.574.989,00	5.555.871.000,00	0,39	0,73	0,99

Sumber : Pojok BEI UKDW 2019

## LAMPIRAN 6

### UJI STATISTIK DESKRIPTIF

#### Descriptive Statistics

	N	Minimu m	Maximu m	Mean	Std. Deviation
likuiditas	39	,68	8,64	2,4577	1,97784
profitabilitas	39	-7,13	52,66	10,2167	12,94759
leverage	39	,14	8,25	,6292	1,26278
aktivitas	39	,19	18,58	1,6232	2,86799
financial distress	39	-237,99	31,04	-46,6983	59,11199
Valid N (listwise)	39				

#### financial distress

	Frequency	Percent	Valid Percent	Cumulative Percent
tidak	33	84,62	84,62	84,62
Valid ya	6	15,38	15,38	100,0
Total	39	100,0	100,0	

## LAMPIRAN 7

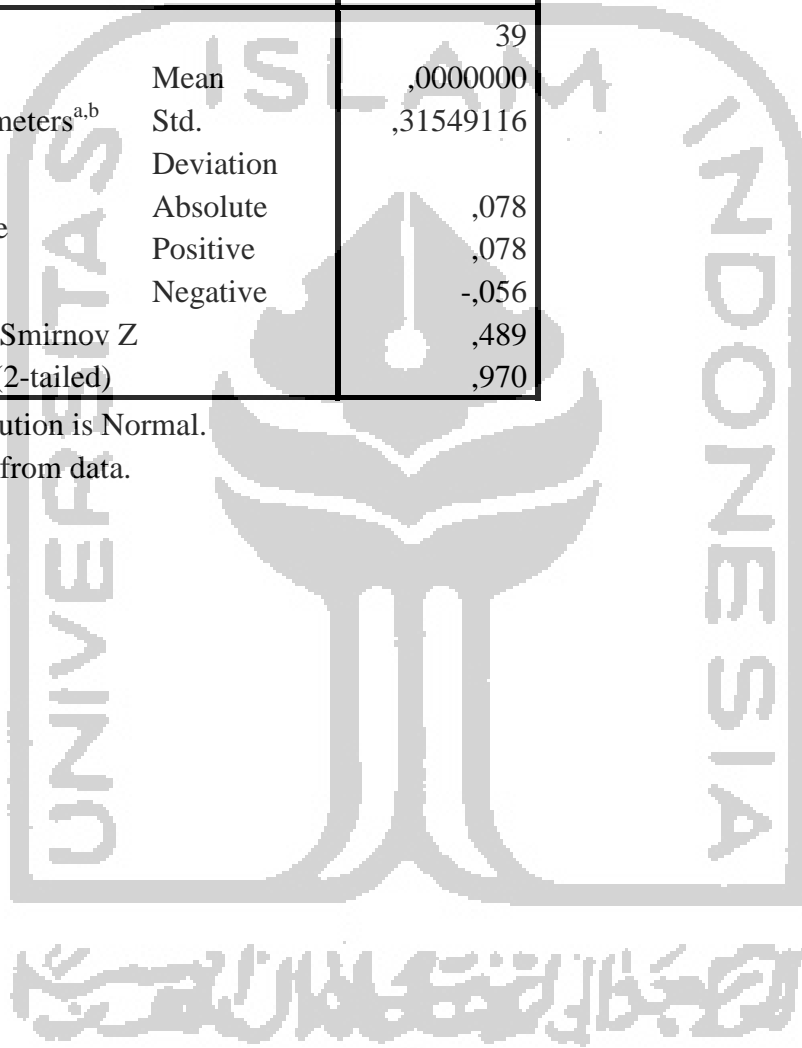
### UJI NORMALITAS

#### One-Sample Kolmogorov-Smirnov Test

		Unstandardized Residual
N		39
Normal Parameters <sup>a,b</sup>	Mean	,0000000
	Std. Deviation	,31549116
	Absolute	,078
Most Extreme Differences	Positive	,078
	Negative	-,056
Kolmogorov-Smirnov Z		,489
Asymp. Sig. (2-tailed)		,970

a. Test distribution is Normal.

b. Calculated from data.





## LAMPIRAN 8

### UJI MULTIKOLINEARITAS

Coefficients<sup>a</sup>

Model	Unstandardized Coefficients		Standardized Coefficients	T	Sig.	Collinearity Statistics	
	B	Std. Error	Beta			Tolerance	VIF
(Constant)	,375	,110		3,418	,002		
Likuiditas	-,175	,084	-,125	-2,090	,044	,663	1,507
1 profitabilitas	-,813	,067	-,693	-12,164	,000	,728	1,374
Leverage	,479	,089	,294	5,371	,000	,791	1,264
Aktivitas	-,242	,069	-,182	-3,508	,001	,880	1,136

a. Dependent Variable: financial distress

## LAMPIRAN 9

### UJI AUTOKORELASI

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

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	,959 <sup>a</sup>	,920	,910	,33353	1,734

a. Predictors: (Constant), aktivitas , leverage , profitabilitas, likuiditas

b. Dependent Variable: financial distress



## LAMPIRAN 10

### UJI HETEROSKEDASTISITAS

Coefficients<sup>a</sup>

Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.
	B	Std. Error	Beta		
(Constant)	,304	,066		4,638	,000
1 likuiditas	-,034	,050	-,136	-,678	,502
1 profitabilitas	,036	,040	,175	,913	,367
1 leverage	,065	,053	,222	1,210	,235
1 aktivitas	-,023	,041	-,096	-,550	,586

a. Dependent Variable: abs\_res

## LAMPIRAN 11

### UJI REGRESI LINEAR BERGANDA

**Model Summary**

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,959 <sup>a</sup>	,920	,910	,33353

a. Predictors: (Constant), aktivitas , leverage , profitabilitas, likuiditas

**ANOVA<sup>a</sup>**

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	43,282	4	10,820	97,267	,000 <sup>b</sup>
	Residual	3,782	34	,111		
	Total	47,064	38			

a. Dependent Variable: financial distress

b. Predictors: (Constant), aktivitas , leverage , profitabilitas, likuiditas

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

Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.	
	B	Std. Error	Beta			
	(Constant)	,375	,110		3,418	,002
1	likuiditas	-,175	,084	-,125	-2,090	,044
	profitabilitas	-,813	,067	-,693	-12,164	,000
	leverage	,479	,089	,294	5,371	,000
	aktivitas	-,242	,069	-,182	-3,508	,001

a. Dependent Variable: financial distress