

## LAMPIRAN 1

### Daftar Perusahaan Plastik dan Kemasan Yang Terdaftar Di Bursa Efek Indonesia (Populasi)

No.	Kode Perusahaan	Nama Perusahaan
1.	AKKU	Anugerah Kagum Karya Utama Tbk
2.	AKPI	Argha Karya Prima Industry Tbk
3.	APLI	Asiaplast Industries Tbk
4.	BRNA	Berlina Tbk
5.	FPNI	Lotte Chemical Titan Tbk
6.	IGAR	Champion Pacific Indonesia Tbk
7.	IMPC	Impack Pratama Industri Tbk
8.	IPOL	Indopoly Swakarsa Industry Tbk
9.	PBID	Panca Budi Idaman Tbk
10.	SIMA	Siwani Makmur Tbk
11.	TALF	Tunas Alfin Tbk
12.	TRST	Trias Sentosa Tbk
13.	YPAS	Yanaprima Hastapersada Tbk

## LAMPIRAN 2

### Daftar Perusahaan Plastik dan Kemasan Yang Terdaftar Di Bursa Efek Indonesia (Sampel)

No.	Kode Perusahaan	Nama Perusahaan
1.	AKKU	Anugerah Kagum Karya Utama Tbk
2.	AKPI	Argha Karya Prima Industry Tbk
3.	APLI	Asiaplast Industries Tbk
4.	BRNA	Berlina Tbk
5.	IGAR	Champion Pacific Indonesia Tbk
6.	IMPC	Impack Pratama Industri Tbk
7.	PBID	Panca Budi Idaman Tbk
8.	TALF	Tunas Alfin Tbk
9.	TRST	Trias Sentosa Tbk
10.	YPAS	Yanaprima Hastapersada Tbk

## LAMPIRAN 3

**Hasil Perhitungan *Return On Equity* (ROE) Perusahaan Plastik dan Kemasan Periode Tahun  
2019-2022**

Perusahaan	Tahun	Jumlah Laba	Ekuitas	ROE %
AKKU	2019	-6,973,233,183	587,402,297,413	-1.18713073
	2020	- 11,781,376,054	591,654,282,984	-1.991260165
	2021	-2,324,332,511	470,082,748,162	-0.494451779
	2022	3,088,014,151	434,388,357,866	0.710887871
AKPI	2019	10,532,765	1,244,955,791	0.846035263
	2020	21,634,754	1,313,886,759	1.646622424
	2021	134,786,713	1,463,013,414	9.212951276
	2022	216,107,034	1,771,465,877	12.19933372
APLI	2019	5,008,517,214	212,741,070,436	2.354278468
	2020	- 1,591,875,288	205,990,815,666	-0.772789448
	2021	12,004,289,875	231,034,769,819	5.195880206
	2022	30,161,102,238	278,954,892,903	10.81217896
BRNA	2019	- 92,194,509	953,780,791	-9.666215746
	2020	-82,002,458	766,723,518	-10.69517969
	2021	-85,730,108	851,035,084	-10.07362794
	2022	- 72,829,252	718,899,470	-10.13065874
IGAR	2019	51,485,709,049	536,925,371,505	9.588987927
	2020	50,122,754,800	593,582,375,012	8.44411103
	2021	76,065,777,363	691,468,538,398	11.00061292
	2022	89,066,536,028	786,929,124,418	11.31824116
IMPC	2019	45,326,567,494	1,408,287,832,788	3.218558482
	2020	78,067,798,505	1,465,907,828,766	5.325559832
	2021	155,425,707,867	1,676,548,380,055	9.270576961
	2022	207,748,582,087	2,224,729,775,954	9.338149034
PBID	2019	148,156,865	1,668,225,498	8.881105413
	2020	270,512,389	1,928,809,281	14.02483862
	2021	322,684,656	2,277,078,807	14.17099202
	2022	272,636,500	2,446,027,106	11.1460948
TALF	2019	22,702,989,105	1,008,291,258,921	2.251630063
	2020	19,234,714,549	1,020,185,316,228	1.885413781
	2021	13,710,785,551	1,047,684,048,324	1.308675604
	2022	30,969,139,060	1,186,405,791,289	2.610332762
TRST	2019	44,274,169,630	2,174,460,936,275	2.036098644
	2020	41,843,234,099	2,266,810,434,281	1.845907954
	2021	44,691,811,900	2,462,688,053,534	1.814757327
	2022	176,996	2,848,558	6.213529793

YPAS	2019	-3,249,859,059	121,349,127,890	-2.678106646
	2020	3,242,353,639	131,296,424,420	2.469491194
	2021	- 4,176,097,433	122,013,107,598	-3.422662954
	2022	-9,602,242,720	44,274,169,630	-21.68813735



## LAMPIRAN 4

**Hasil Perhitungan *Debt to Equity Ratio* (DER) Perusahaan Plastik dan Kemasan Periode  
Tahun 2019-2022**

Perusahaan	Tahun	Ekuitas	Liabilitas	DER %
AKKU	2019	587,402,297,413	134,896,853,532	22.96499
	2020	591,654,282,984	134,896,853,532	22.79995
	2021	470,082,748,162	260,707,002,887	55.45981
	2022	434,388,357,866	206,523,459,012	47.54351
AKPI	2019	1,244,955,791	1,531,819,965	123.0421
	2020	1,313,886,759	1,330,380,957	101.2554
	2021	1,463,013,414	1,872,726,945	128.0048
	2022	1,771,465,877	1,819,078,887	102.6878
APLI	2019	212,741,070,436	206,523,459,012	97.07738
	2020	205,990,815,666	200,450,080,044	97.3102
	2021	231,034,769,819	200,245,883,845	86.67348
	2022	278,954,892,903	163,630,315,576	58.65834
BRNA	2019	953,780,791	1,309,332,127	137.2781
	2020	766,723,518	1,198,995,029	156.3791
	2021	851,035,084	1,169,605,173	137.4332
	2022	718,899,470	1,151,060,192	160.1142
IGAR	2019	536,925,371,505	80,669,409,164	15.02432
	2020	593,582,375,012	72,281,042,223	12.17709
	2021	691,468,538,398	117,903,045,612	17.05111
	2022	786,929,124,418	76,709,432,048	9.747947
IMPC	2019	1,408,287,832,788	1,092,845,023,431	77.60097
	2020	1,465,907,828,766	1,231,192,233,990	83.98838
	2021	1,676,548,380,055	1,184,949,828,309	70.67794
	2022	2,224,729,775,954	1,210,746,099,447	54.42216
PBID	2019	1,668,225,498	670,694,230	40.20405
	2020	1,928,809,281	492,491,798	25.53346
	2021	2,277,078,807	524,108,151	23.01669
	2022	2,446,027,106	594,336,031	24.29801
TALF	2019	1,008,291,258,921	320,791,791,518	31.81539
	2020	1,020,185,316,228	454,287,199,938	44.52987
	2021	1,047,684,048,324	522,245,888,520	49.84765
	2022	1,186,405,791,289	610,875,000,856	51.48955
TRST	2019	2,174,460,936,275	2,174,561,951,424	100.0046
	2020	2,266,810,434,281	1,935,444,689,989	85.38185
	2021	2,462,688,053,534	2,166,143,898,397	87.95852
	2022	2,848,558	2,928,515	102.8069

YPAS	2019	121,349,127,890	144,485,748,290	119.0662
	2020	131,296,424,420	144,485,748,290	110.0455
	2021	122,013,107,598	136,149,421,933	111.5859
	2022	44,274,169,630	169,857,852,787	383.65



## LAMPIRAN 5

**Hasil Perhitungan *Book Value Per Share* (BVS) Perusahaan Plastik dan Kemasan Periode  
Tahun 2019-2022**

Perusahaan	Tahun	Ekuitas	Liabilitas	Jumlah saham beredar	BVS
AKKU	2019	587,402,297,413	134,896,853,532	6,449,463,636	7016.17
	2020	591,654,282,984	134,896,853,532	6,449,463,636	7082.10
	2021	470,082,748,162	260,707,002,887	6,449,463,636	3246.41
	2022	434,388,357,866	206,523,459,012	6,449,463,636	3533.08
AKPI	2019	1,244,955,791	1,531,819,965	680,000,000	-42.19
	2020	1,313,886,759	1,330,380,957	612,248,000	-2.69
	2021	1,463,013,414	1,872,726,945	612,248,000	-66.92
	2022	1,771,465,877	1,819,078,887	612,248,000	-7.78
APLI	2019	212,741,070,436	206,523,459,012	1,362,671,400	456.28
	2020	205,990,815,666	200,450,080,044	1,362,671,400	406.61
	2021	231,034,769,819	200,245,883,845	1,362,671,400	2259.45
	2022	278,954,892,903	163,630,315,576	1,362,671,400	8463.12
BRNA	2019	953,780,791	1,309,332,127	979,110,000	-36.31
	2020	766,723,518	1,198,995,029	979,110,000	-44.15
	2021	851,035,084	1,169,605,173	979,110,000	-32.54
	2022	718,899,470	1,151,060,192	979,110,000	-44.14
IGAR	2019	536,925,371,505	80,669,409,164	972,204,500	46930.04
	2020	593,582,375,012	72,281,042,223	972,204,500	53620.54
	2021	691,468,538,398	117,903,045,612	972,204,500	58996.38
	2022	786,929,124,418	76,709,432,048	972,204,500	73052.5
IMPC	2019	1,408,287,832,788	1,092,845,023,431	4,833,500,000	6526.18
	2020	1,465,907,828,766	1,231,192,233,990	4,833,500,000	4856.02
	2021	1,676,548,380,055	1,184,949,828,309	4,833,500,000	10170.65
	2022	2,224,729,775,954	1,210,746,099,447	4,933,500,000	20553.03
PBID	2019	1,668,225,498	670,694,230	1,875,000,000	53.20
	2020	1,928,809,281	492,491,798	1,875,000,000	76.60
	2021	2,277,078,807	524,108,151	1,875,000,000	93.49
	2022	2,446,027,106	594,336,031	1,875,000,000	98.76
TALF	2019	1,008,291,258,921	320,791,791,518	1,353,435,000	50796.64
	2020	1,020,185,316,228	454,287,199,938	1,353,435,000	41811.99
	2021	1,047,684,048,324	522,245,888,520	1,353,435,000	38822.56
	2022	1,186,405,791,289	610,875,000,856	1,353,435,000	42523.71
TRST	2019	2,174,460,936,275	2,174,561,951,424	2,808,000,000	-3.60
	2020	2,266,810,434,281	1,935,444,689,989	2,808,000,000	11800.77
	2021	2,462,688,053,534	2,166,143,898,397	2,808,000,000	10560.69
	2022	2,848,558	2,928,515	2,808,000,000	-0.00

YPAS	2019	121,349,127,890	144,485,748,290	668,000,089	-3463.57
	2020	131,296,424,420	144,485,748,290	668,000,089	-1974.45
	2021	122,013,107,598	136,149,421,933	668,000,089	-2116.21
	2022	44,274,169,630	169,857,852,787	668,000,089	-18799.95





**LAMPIRAN 6**  
**Hasil Output SPSS**

**Regression**

**Descriptive Statistics**

	N	Minimum	Maximum	Mean	Std. Deviation
ROE	40	-21.69	14.17	2.7085	7.67714
DER	40	9.75	383.65	81.6652	64.93447
BVS	40	-18799.95	73052.50	11929.3124	21038.83906
Harga Saham	40	3.91	7.38	5.9473	.98189
Valid N (listwise)	40				

**Correlations**

		Harga Saham	ROE	DER	BVS
Pearson Correlation	Harga Saham	1.000	.051	.277	-.150
	ROE	.051	1.000	-.746	.369
	DER	.277	-.746	1.000	-.568
	BVS	-.150	.369	-.568	1.000
Sig. (1-tailed)	Harga Saham	.	.376	.042	.177
	ROE	.376	.	.000	.010
	DER	.042	.000	.	.000
	BVS	.177	.010	.000	.
N	Harga Saham	40	40	40	40
	ROE	40	40	40	40
	DER	40	40	40	40
	BVS	40	40	40	40

**Variables Entered/Removed<sup>a</sup>**

Model	Variables Entered	Variables Removed	Method
1	BVS, ROE, DER <sup>b</sup>	.	Enter

a. Dependent Variable: Harga Saham

b. All requested variables entered.

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

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	.479 <sup>a</sup>	.230	.165	.89708	.709

a. Predictors: (Constant), BVS, ROE, DER

b. Dependent Variable: Harga Saham

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

Model	Sum of Squares	df	Mean Square	F	Sig.
1 Regression	8.630	3	2.877	3.574	.023 <sup>b</sup>
Residual	28.971	36	.805		
Total	37.600	39			

a. Dependent Variable: Harga Saham

b. Predictors: (Constant), BVS, ROE, DER

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

Model	Unstandardized Coefficients		Standardized Coefficients		Collinearity Statistics		
	B	Std. Error	Beta	t	Sig.	Tolerance	VIF
1 (Constant)	4.785	.441		10.862	.000		
ROE	.075	.028	.589	2.669	.011	.440	2.275
DER	.011	.004	.750	3.008	.005	.345	2.902
BVS	2.724E-6	.000	.058	.327	.746	.671	1.491

a. Dependent Variable: Harga Saham

**Collinearity Diagnostics<sup>a</sup>**

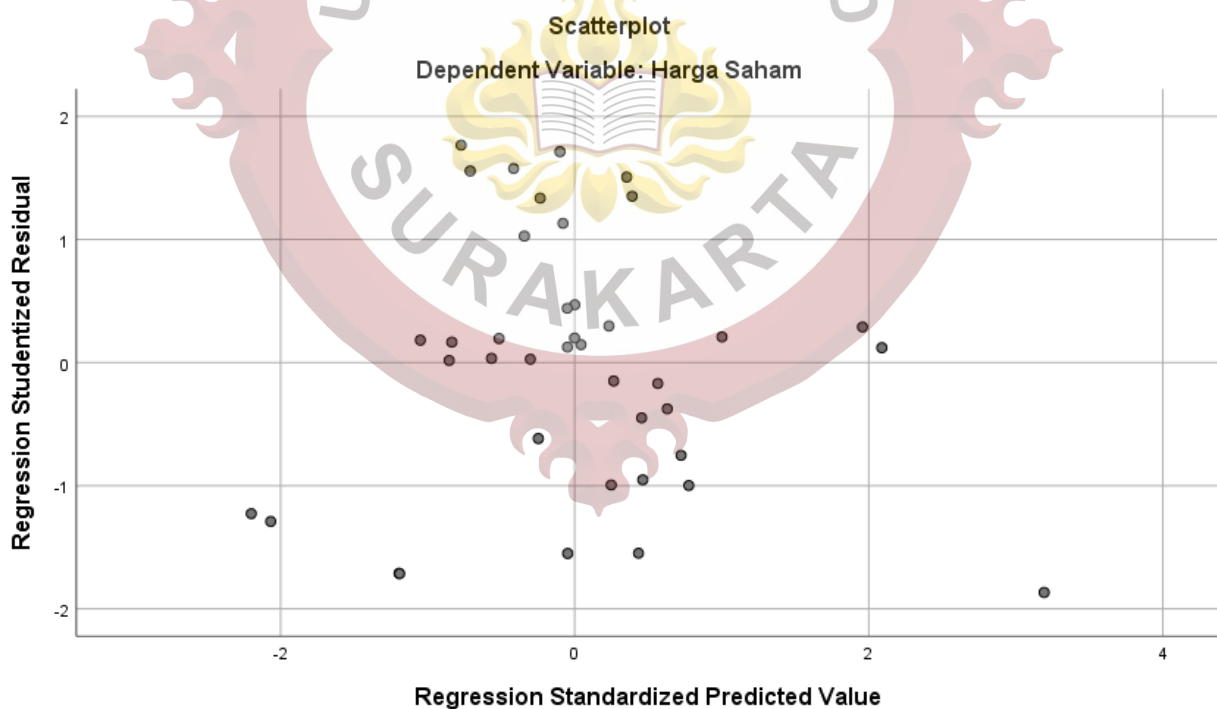
Model	Dimension	Eigenvalue	Condition Index	Variance Proportions			
				(Constant)	ROE	DER	BVS
1	1	2.090	1.000	.02	.02	.01	.06
	2	1.362	1.239	.00	.12	.04	.06
	3	.494	2.057	.00	.32	.00	.58
	4	.054	6.230	.97	.55	.95	.30

a. Dependent Variable: Harga Saham

### Residuals Statistics<sup>a</sup>

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	4.9128	7.4493	5.9473	.47040	40
Std. Predicted Value	-2.199	3.193	.000	1.000	40
Standard Error of Predicted Value	.143	.718	.264	.106	40
Adjusted Predicted Value	5.1224	9.2414	5.9800	.65387	40
Residual	-1.47514	1.49764	.00000	.86188	40
Std. Residual	-1.644	1.669	.000	.961	40
Stud. Residual	-1.867	1.766	-.012	1.032	40
Deleted Residual	-2.79564	1.67555	-.03268	1.03023	40
Stud. Deleted Residual	-1.937	1.822	-.013	1.052	40
Mahal. Distance	.014	24.025	2.925	3.973	40
Cook's Distance	.000	1.556	.062	.244	40
Centered Leverage Value	.000	.616	.075	.102	40

a. Dependent Variable: Harga Saham



### One-Sample Kolmogorov-Smirnov Test

		Unstandardized Residual
N		40
Normal Parameters <sup>a,b</sup>	Mean	.0000000
	Std. Deviation	.86188189
Most Extreme Differences	Absolute	.107
	Positive	.106
	Negative	-.107
Test Statistic		.107
Asymp. Sig. (2-tailed)		.200 <sup>c,d</sup>

a. Test distribution is Normal.

b. Calculated from data.

c. Lilliefors Significance Correction.

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

### NPar Tests

#### Runs Test

	Unstandardized Residual
Test Value <sup>a</sup>	.10567
Cases < Test Value	20
Cases >= Test Value	20
Total Cases	40
Number of Runs	17
Z	-1.121
Asymp. Sig. (2-tailed)	.262

a. Median

**Lampiran 7 Tabel**  
**Tabel Durbin-Watson (DW),  $\alpha = 5\%$**

n	k=1		k=2		k=3		k=4		k=5	
	dL	dU	dL	dU	dL	dU	dL	dU	dL	dU
6	0.6102	1.4002								
7	0.6996	1.3564	0.4672	1.8964						
8	0.7629	1.3324	0.5591	1.7771	0.3674	2.2866				
9	0.8243	1.3199	0.6291	1.6993	0.4548	2.1282	0.2957	2.5881		
10	0.8791	1.3197	0.6972	1.6413	0.5253	2.0163	0.3760	2.4137	0.2427	2.8217
11	0.9273	1.3241	0.7580	1.6044	0.5948	1.9280	0.4441	2.2833	0.3155	2.6446
12	0.9708	1.3314	0.8122	1.5794	0.6577	1.8640	0.5120	2.1766	0.3796	2.5061
13	1.0097	1.3404	0.8612	1.5621	0.7147	1.8159	0.5745	2.0943	0.4445	2.3897
14	1.0450	1.3503	0.9054	1.5507	0.7667	1.7788	0.6321	2.0296	0.5052	2.2959
15	1.0770	1.3605	0.9455	1.5432	0.8140	1.7501	0.6852	1.9774	0.5620	2.2198
16	1.1062	1.3709	0.9820	1.5386	0.8572	1.7277	0.7340	1.9351	0.6150	2.1567
17	1.1330	1.3812	1.0154	1.5361	0.8968	1.7101	0.7790	1.9005	0.6641	2.1041
18	1.1576	1.3913	1.0461	1.5353	0.9331	1.6961	0.8204	1.8719	0.7098	2.0600
19	1.1804	1.4012	1.0743	1.5355	0.9666	1.6851	0.8588	1.8482	0.7523	2.0226
20	1.2015	1.4107	1.1004	1.5367	0.9976	1.6763	0.8943	1.8283	0.7918	1.9908
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

## Lampiran 8

Tabel t

## t Table

cum. prob	$t_{.50}$	$t_{.75}$	$t_{.80}$	$t_{.85}$	$t_{.90}$	$t_{.95}$	$t_{.975}$	$t_{.99}$	$t_{.995}$	$t_{.999}$	$t_{.9995}$
one-tail	<b>0.50</b>	<b>0.25</b>	<b>0.20</b>	<b>0.15</b>	<b>0.10</b>	<b>0.05</b>	<b>0.025</b>	<b>0.01</b>	<b>0.005</b>	<b>0.001</b>	<b>0.0005</b>
two-tails	<b>1.00</b>	<b>0.50</b>	<b>0.40</b>	<b>0.30</b>	<b>0.20</b>	<b>0.10</b>	<b>0.05</b>	<b>0.02</b>	<b>0.01</b>	<b>0.002</b>	<b>0.001</b>
df											
1	0.000	1.000	1.376	1.963	3.078	6.314	12.71	31.82	63.66	318.31	636.62
2	0.000	0.816	1.061	1.386	1.886	2.920	4.303	6.965	9.925	22.327	31.599
3	0.000	0.765	0.978	1.250	1.638	2.353	3.182	4.541	5.841	10.215	12.924
4	0.000	0.741	0.941	1.190	1.533	2.132	2.776	3.747	4.604	7.173	8.610
5	0.000	0.727	0.920	1.156	1.476	2.015	2.571	3.365	4.032	5.893	6.869
6	0.000	0.718	0.906	1.134	1.440	1.943	2.447	3.143	3.707	5.208	5.959
7	0.000	0.711	0.896	1.119	1.415	1.895	2.365	2.998	3.499	4.785	5.408
8	0.000	0.706	0.889	1.108	1.397	1.860	2.306	2.896	3.355	4.501	5.041
9	0.000	0.703	0.883	1.100	1.383	1.833	2.262	2.821	3.250	4.297	4.781
10	0.000	0.700	0.879	1.093	1.372	1.812	2.228	2.764	3.169	4.144	4.587
11	0.000	0.697	0.876	1.088	1.363	1.796	2.201	2.718	3.106	4.025	4.437
12	0.000	0.695	0.873	1.083	1.356	1.782	2.179	2.681	3.055	3.930	4.318
13	0.000	0.694	0.870	1.079	1.350	1.771	2.160	2.650	3.012	3.852	4.221
14	0.000	0.692	0.868	1.076	1.345	1.761	2.145	2.624	2.977	3.787	4.140
15	0.000	0.691	0.866	1.074	1.341	1.753	2.131	2.602	2.947	3.733	4.073
16	0.000	0.690	0.865	1.071	1.337	1.746	2.120	2.583	2.921	3.686	4.015
17	0.000	0.689	0.863	1.069	1.333	1.740	2.110	2.567	2.898	3.646	3.965
18	0.000	0.688	0.862	1.067	1.330	1.734	2.101	2.552	2.878	3.610	3.922
19	0.000	0.688	0.861	1.066	1.328	1.729	2.093	2.539	2.861	3.579	3.883
20	0.000	0.687	0.860	1.064	1.325	1.725	2.086	2.528	2.845	3.552	3.850
21	0.000	0.686	0.859	1.063	1.323	1.721	2.080	2.518	2.831	3.527	3.819
22	0.000	0.686	0.858	1.061	1.321	1.717	2.074	2.508	2.819	3.505	3.792
23	0.000	0.685	0.858	1.060	1.319	1.714	2.069	2.500	2.807	3.485	3.768
24	0.000	0.685	0.857	1.059	1.318	1.711	2.064	2.492	2.797	3.467	3.745
25	0.000	0.684	0.856	1.058	1.316	1.708	2.060	2.485	2.787	3.450	3.725
26	0.000	0.684	0.856	1.058	1.315	1.706	2.056	2.479	2.779	3.435	3.707
27	0.000	0.684	0.855	1.057	1.314	1.703	2.052	2.473	2.771	3.421	3.690
28	0.000	0.683	0.855	1.056	1.313	1.701	2.048	2.467	2.763	3.408	3.674
29	0.000	0.683	0.854	1.055	1.311	1.699	2.045	2.462	2.756	3.396	3.659
30	0.000	0.683	0.854	1.055	1.310	1.697	2.042	2.457	2.750	3.385	3.646
40	0.000	0.681	0.851	1.050	1.303	1.684	2.021	2.423	2.704	3.307	3.551
60	0.000	0.679	0.848	1.045	1.296	1.671	2.000	2.390	2.660	3.232	3.460
80	0.000	0.678	0.846	1.043	1.292	1.664	1.990	2.374	2.639	3.195	3.416
100	0.000	0.677	0.845	1.042	1.290	1.660	1.984	2.364	2.626	3.174	3.390
1000	0.000	0.675	0.842	1.037	1.282	1.646	1.962	2.330	2.581	3.098	3.300
<b>Z</b>	0.000	0.674	0.842	1.036	1.282	1.645	1.960	2.326	2.576	3.090	3.291
	0%	50%	60%	70%	80%	90%	95%	98%	99%	99.8%	99.9%
	<b>Confidence Level</b>										

## Lampiran 9

Tabel F

Titik Presentase Distribusi F,  $\alpha = 5\%$ 

df untuk penyebut (N2)	df untuk pembilang (N1)														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	161	199	216	225	230	234	237	239	241	242	243	244	245	245	246
2	18.51	19.00	19.16	19.25	19.30	19.33	19.35	19.37	19.38	19.40	19.40	19.41	19.42	19.42	19.43
3	10.13	9.55	9.28	9.12	9.01	8.94	8.89	8.85	8.81	8.79	8.76	8.74	8.73	8.71	8.70
4	7.71	6.94	6.59	6.39	6.26	6.16	6.09	6.04	6.00	5.96	5.94	5.91	5.89	5.87	5.86
5	6.61	5.79	5.41	5.19	5.05	4.95	4.88	4.82	4.77	4.74	4.70	4.68	4.66	4.64	4.62
6	5.99	5.14	4.76	4.53	4.39	4.28	4.21	4.15	4.10	4.06	4.03	4.00	3.98	3.96	3.94
7	5.59	4.74	4.35	4.12	3.97	3.87	3.79	3.73	3.68	3.64	3.60	3.57	3.55	3.53	3.51
8	5.32	4.46	4.07	3.84	3.69	3.58	3.50	3.44	3.39	3.35	3.31	3.28	3.26	3.24	3.22
9	5.12	4.26	3.86	3.63	3.48	3.37	3.29	3.23	3.18	3.14	3.10	3.07	3.05	3.03	3.01
10	4.96	4.10	3.71	3.48	3.33	3.22	3.14	3.07	3.02	2.98	2.94	2.91	2.89	2.86	2.85
11	4.84	3.98	3.59	3.36	3.20	3.09	3.01	2.95	2.90	2.85	2.82	2.79	2.76	2.74	2.72
12	4.75	3.89	3.49	3.26	3.11	3.00	2.91	2.85	2.80	2.75	2.72	2.69	2.66	2.64	2.62
13	4.67	3.81	3.41	3.18	3.03	2.92	2.83	2.77	2.71	2.67	2.63	2.60	2.58	2.55	2.53
14	4.60	3.74	3.34	3.11	2.96	2.85	2.76	2.70	2.65	2.60	2.57	2.53	2.51	2.48	2.46
15	4.54	3.68	3.29	3.06	2.90	2.79	2.71	2.64	2.59	2.54	2.51	2.48	2.45	2.42	2.40
16	4.49	3.63	3.24	3.01	2.85	2.74	2.66	2.59	2.54	2.49	2.46	2.42	2.40	2.37	2.35
17	4.45	3.59	3.20	2.96	2.81	2.70	2.61	2.55	2.49	2.45	2.41	2.38	2.35	2.33	2.31
18	4.41	3.55	3.16	2.93	2.77	2.66	2.58	2.51	2.46	2.41	2.37	2.34	2.31	2.29	2.27
19	4.38	3.52	3.13	2.90	2.74	2.63	2.54	2.48	2.42	2.38	2.34	2.31	2.28	2.26	2.23
20	4.35	3.49	3.10	2.87	2.71	2.60	2.51	2.45	2.39	2.35	2.31	2.28	2.25	2.22	2.20
21	4.32	3.47	3.07	2.84	2.68	2.57	2.49	2.42	2.37	2.32	2.28	2.25	2.22	2.20	2.18
22	4.30	3.44	3.05	2.82	2.66	2.55	2.46	2.40	2.34	2.30	2.26	2.23	2.20	2.17	2.15
23	4.28	3.42	3.03	2.80	2.64	2.53	2.44	2.37	2.32	2.27	2.24	2.20	2.18	2.15	2.13
24	4.26	3.40	3.01	2.78	2.62	2.51	2.42	2.36	2.30	2.25	2.22	2.18	2.15	2.13	2.11
25	4.24	3.39	2.99	2.76	2.60	2.49	2.40	2.34	2.28	2.24	2.20	2.16	2.14	2.11	2.09
26	4.23	3.37	2.98	2.74	2.59	2.47	2.39	2.32	2.27	2.22	2.18	2.15	2.12	2.09	2.07
27	4.21	3.35	2.96	2.73	2.57	2.46	2.37	2.31	2.25	2.20	2.17	2.13	2.10	2.08	2.06
28	4.20	3.34	2.95	2.71	2.56	2.45	2.36	2.29	2.24	2.19	2.15	2.12	2.09	2.06	2.04
29	4.18	3.33	2.93	2.70	2.55	2.43	2.35	2.28	2.22	2.18	2.14	2.10	2.08	2.05	2.03
30	4.17	3.32	2.92	2.69	2.53	2.42	2.33	2.27	2.21	2.16	2.13	2.09	2.06	2.04	2.01
31	4.16	3.30	2.91	2.68	2.52	2.41	2.32	2.25	2.20	2.15	2.11	2.08	2.05	2.03	2.00
32	4.15	3.29	2.90	2.67	2.51	2.40	2.31	2.24	2.19	2.14	2.10	2.07	2.04	2.01	1.99
33	4.14	3.28	2.89	2.66	2.50	2.39	2.30	2.23	2.18	2.13	2.09	2.06	2.03	2.00	1.98
34	4.13	3.28	2.88	2.65	2.49	2.38	2.29	2.23	2.17	2.12	2.08	2.05	2.02	1.99	1.97
35	4.12	3.27	2.87	2.64	2.49	2.37	2.29	2.22	2.16	2.11	2.07	2.04	2.01	1.99	1.96
36	4.11	3.26	2.87	2.63	2.48	2.36	2.28	2.21	2.15	2.11	2.07	2.03	2.00	1.98	1.95
37	4.11	3.25	2.86	2.63	2.47	2.36	2.27	2.20	2.14	2.10	2.06	2.02	2.00	1.97	1.95
38	4.10	3.24	2.85	2.62	2.46	2.35	2.26	2.19	2.14	2.09	2.05	2.02	1.99	1.96	1.94
39	4.09	3.24	2.85	2.61	2.46	2.34	2.26	2.19	2.13	2.08	2.04	2.01	1.98	1.95	1.93
40	4.08	3.23	2.84	2.61	2.45	2.34	2.25	2.18	2.12	2.08	2.04	2.00	1.97	1.95	1.92
41	4.08	3.23	2.83	2.60	2.44	2.33	2.24	2.17	2.12	2.07	2.03	2.00	1.97	1.94	1.92
42	4.07	3.22	2.83	2.59	2.44	2.32	2.24	2.17	2.11	2.06	2.03	1.99	1.96	1.94	1.91
43	4.07	3.21	2.82	2.59	2.43	2.32	2.23	2.16	2.11	2.06	2.02	1.99	1.96	1.93	1.91

<b>44</b>	4.06	3.21	2.82	2.58	2.43	2.31	2.23	2.16	2.10	2.05	2.01	1.98	1.95	1.92	1.90
<b>45</b>	4.06	3.20	2.81	2.58	2.42	2.31	2.22	2.15	2.10	2.05	2.01	1.97	1.94	1.92	1.89

