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## LAMPIRAN

*Lampiran 1 gambaran singkat perusahaan yang terdaftar pada IDX-80 per Januari 2023*

No	Kode	Nama Saham	Rasio Free Float	Jumlah Saham untuk Indeks (lembar)		
				Saat Ini	Hasil Evaluasi (9% Cap)	Ket
1	AALI	Astra Agro Lestari Tbk.	20,30%	390.711.732	390.711.732	Tetap
2	ACES	Ace Hardware Indonesia Tbk.	39,84%	6.832.560.000	6.832.560.000	Tetap
3	ADMR	Adaro Minerals Indonesia Tbk.	16,16%	-	6.606.584.770	Baru
4	ADRO	Adaro Energy Indonesia Tbk.	40,58%	12.979.903.380	12.979.903.380	Tetap
5	AKRA	AKR Corporindo Tbk.	37,09%	7.445.251.729	7.445.251.729	Tetap
6	AMRT	Sumber Alfaria Trijaya Tbk.	45,38%	19.030.679.129	18.843.818.871	Berubah
7	ANTM	Aneka Tambang Tbk.	34,83%	8.369.915.354	8.369.915.354	Tetap
8	ARTO	Bank Jago Tbk.	27,87%	3.823.119.506	3.823.119.506	Tetap
9	ASII	Astra International Tbk.	45,08%	18.249.985.756	18.249.985.756	Tetap
10	ASSA	Adi Sarana Armada Tbk.	44,63%	1.593.820.677	1.591.681.892	Berubah
11	AVIA	Avia Avian Tbk.	16,71%	10.352.439.141	10.352.439.141	Tetap
12	BBCA	Bank Central Asia Tbk.	42,41%	19.673.460.025	19.553.503.092	Berubah
13	BBNI	Bank Negara Indonesia (Persero) Tbk.	39,95%	7.375.636.872	7.375.636.872	Tetap
14	BBRI	Bank Rakyat Indonesia (Persero) Tbk.	46,78%	38.909.732.049	34.901.951.756	Berubah
15	BBTN	Bank Tabungan Negara (Persero) Tbk.	40,00%	5.557.639.988	5.557.639.988	Tetap
16	BFIN	BFI Finance Indonesia Tbk.	43,12%	6.085.067.763	6.885.020.255	Berubah
17	BMRI	Bank Mandiri (Persero) Tbk.	39,95%	17.082.321.387	16.270.082.773	Berubah
18	BMTR	Global Mediacom Tbk.	58,26%	-	9.661.836.994	Baru
19	BRIS	Bank Syariah Indonesia Tbk.	9,88%	3.215.017.817	4.511.986.311	Berubah
20	BRMS	Bumi Resources Minerals Tbk.	56,70%	80.391.550.872	80.391.550.872	Tetap
21	BRPT	Barito Pacific Tbk.	27,64%	26.192.972.721	25.911.731.067	Berubah
22	BSDE	Bumi Serpong Damai Tbk.	36,23%	7.670.385.834	7.670.385.834	Tetap
23	BUKA	Bukalapak.com Tbk.	50,41%	51.914.584.694	51.955.811.285	Berubah
24	CPIN	Charoen Pokphand Indonesia Tbk	40,12%	6.578.877.600	6.578.877.600	Tetap
25	CTRA	Ciputra Development Tbk.	46,28%	8.589.708.412	8.589.708.412	Tetap
26	DOID	Delta Dunia Makmur Tbk.	47,76%	4.158.853.967	4.117.472.336	Berubah
27	ELSA	Elnusa Tbk.	48,82%	-	3.563.127.700	Baru
28	EMTK	Elang Mahkota Teknologi Tbk.	25,07%	14.722.517.057	15.353.307.097	Berubah
29	ENRG	Energi Mega Persada Tbk.	46,41%	11.519.532.959	11.519.532.959	Tetap
30	ERAA	Erajaya Swasembada Tbk.	44,18%	7.059.470.000	7.046.710.000	Berubah
31	ESSA	Surya Esa Perkasa Tbk.	63,87%	10.002.608.527	10.002.608.527	Tetap
32	EXCL	XL Axiata Tbk.	33,15%	5.009.409.619	4.352.074.765	Berubah
33	GGRM	Gudang Garam Tbk.	16,49%	317.282.111	317.282.111	Tetap

No	Kode	Nama Saham	Rasio Free Float	Jumlah Saham untuk Indeks (lembar)		
				Saat Ini	Hasil Evaluasi (9% Cap)	Ket
34	GOTO	GoTo Gojek Tokopedia Tbk.	61,99%	786.299.212.796	734.187.199.898	Berubah
35	HEAL	Medikaloka Hermina Tbk.	49,20%	6.619.513.645	7.358.378.897	Berubah
36	HMSP	H.M. Sampoerna Tbk.	7,44%	8.654.064.921	8.654.064.921	Tetap
37	HRUM	Harum Energy Tbk.	18,60%	2.514.366.600	2.514.366.600	Tetap
38	ICBP	Indofood CBP Sukses Makmur Tbk.	20,00%	2.332.381.600	2.332.381.600	Tetap
39	INCO	Vale Indonesia Tbk.	20,36%	2.016.083.126	2.023.038.563	Berubah
40	INDF	Indofood Sukses Makmur Tbk.	49,57%	4.352.457.416	4.352.457.416	Tetap
41	INDY	Indika Energy Tbk.	33,73%	1.756.355.723	1.757.397.762	Berubah
42	INKP	Indah Kiat Pulp & Paper Tbk.	34,27%	1.874.905.854	1.874.905.854	Tetap
43	INTP	Indocement Tunggul Prakarsa Tbk.	41,97%	1.545.012.944	1.545.012.944	Tetap
44	ISAT	Indosat Tbk.	16,37%	1.319.864.439	1.319.864.439	Tetap
45	ITMG	Indo Tambangraya Megah Tbk.	34,74%	392.535.945	392.535.945	Tetap
46	JPFA	Japfa Comfeed Indonesia Tbk.	43,19%	5.064.707.829	5.064.707.829	Tetap
47	JSMR	Jasa Marga (Persero) Tbk.	29,98%	2.175.909.786	2.175.909.786	Tetap
48	KLBF	Kalbe Farma Tbk.	41,10%	19.246.925.138	19.265.675.187	Berubah
49	LSIP	PP London Sumatra Indonesia Tbk.	40,43%	2.758.483.901	2.758.483.901	Tetap
50	MAPI	Mitra Adiperkasa Tbk.	48,64%	8.074.240.000	8.074.240.000	Tetap
51	MDKA	Merdeka Copper Gold Tbk.	46,70%	11.259.767.310	11.259.767.310	Tetap
52	MEDC	Medco Energi Internasional Tbk.	25,61%	6.334.330.276	6.437.388.824	Berubah
53	MIKA	Mitra Keluarga Karyasehat Tbk.	35,41%	5.044.632.358	5.044.632.358	Tetap
54	MNCN	Media Nusantara Citra Tbk.	54,76%	8.224.708.984	8.241.263.750	Berubah
55	MPMX	Mitra Pinasthika Mustika Tbk.	32,50%	-	1.450.463.065	Baru
56	MTEL	Dayamitra Telekomunikasi Tbk.	15,37%	13.704.885.812	12.838.175.512	Berubah
57	MYOR	Mayora Indah Tbk.	15,49%	-	3.463.362.587	Baru
58	PGAS	Perusahaan Gas Negara Tbk.	43,04%	10.433.545.128	10.433.545.128	Tetap
59	PNLF	Panin Financial Tbk.	32,01%	-	10.250.265.661	Baru
60	PTBA	Bukit Asam Tbk.	33,43%	3.851.356.387	3.851.356.387	Tetap
61	PTPP	PP (Persero) Tbk.	48,99%	3.037.329.714	3.037.329.714	Tetap
62	PWON	Pakuwon Jati Tbk.	30,98%	14.919.844.824	14.919.844.824	Tetap
63	RMKE	RMK Energy Tbk.	16,80%	-	735.000.000	Baru
64	SCMA	Surya Citra Media Tbk.	24,32%	17.989.642.504	17.989.642.504	Tetap
65	SIDO	Industri Jamu dan Farmasi Sido Muncul Tbk.	22,39%	6.717.000.000	6.717.000.000	Tetap
66	SMDR	Samudera Indonesia Tbk.	24,32%	796.836.696	796.509.184	Berubah
67	SMGR	Semen Indonesia (Persero) Tbk.	48,77%	3.319.056.985	3.292.726.101	Berubah
68	SMRA	Summarecon Agung Tbk.	53,74%	8.871.704.636	8.871.704.636	Tetap
69	SRTG	Saratoga Investama Sedaya Tbk.	11,87%	1.622.354.266	1.610.145.915	Berubah
70	TAPG	Triputra Agro Persada Tbk.	13,43%	2.668.181.376	2.666.196.122	Berubah
71	TBIG	Tower Bersama Infrastructure Tbk.	24,59%	5.870.428.556	5.571.356.164	Berubah
72	TINS	Timah Tbk.	34,96%	2.603.734.608	2.603.734.608	Tetap

No	Kode	Nama Saham	Rasio Free Float	Jumlah Saham untuk Indeks (lembar)		
				Saat Ini	Hasil Evaluasi (9% Cap)	Ket
73	TKIM	Pabrik Kertas Tjiwi Kimia Tbk.	28,46%	874.193.178	886.023.428	Berubah
74	TLKM	Telkom Indonesia (Persero) Tbk.	47,85%	39.703.808.213	41.936.453.660	Berubah
75	TOWR	Sarana Menara Nusantara Tbk.	41,94%	21.405.736.650	21.395.533.725	Berubah
76	TPIA	Chandra Asri Petrochemical Tbk.	14,90%	12.890.220.219	12.890.220.219	Tetap
77	UNTR	United Tractors Tbk.	37,80%	1.445.054.352	1.409.991.081	Berubah
78	UNVR	Unilever Indonesia Tbk.	14,45%	5.508.860.000	5.512.675.000	Berubah
79	WIKA	Wijaya Karya (Persero) Tbk.	34,92%	3.132.307.019	3.132.307.019	Tetap
80	WSKT	Waskita Karya (Persero) Tbk.	24,65%	7.100.877.929	7.100.877.929	Tetap

*Lampiran 2 return saham idx 80 periode januari 2020 – maret 2023*

Periode	Harga Saham IDX 80	Y (%)
Dec-19	143,04	-
Jan-20	134,66	-5,859
Feb-20	122,47	-9,052
Mar-20	94,95	-22,471
Apr-20	100,75	6,108
May-20	102,81	2,045
Jun-20	107,08	4,153
Jul-20	114,11	6,565
Aug-20	117,24	2,743
Sep-20	105,56	-9,962
Oct-20	113,73	7,740
Nov-20	126,71	11,413
Dec-20	134,9	6,464
Jan-21	131,46	-2,550
Feb-21	135,79	3,294
Mar-21	129,65	-4,522
Apr-21	128,96	-0,532
May-21	126,8	-1,675
Jun-21	121,13	-4,472
Jul-21	118,38	-2,270
Aug-21	123,73	4,519
Sep-21	127,78	3,273
Oct-21	135,22	5,823
Nov-21	132,02	-2,367
Dec-21	131,41	-0,462
Jan-22	131,51	0,076
Feb-22	136,86	4,068
Mar-22	143,26	4,676
Apr-22	152,65	6,555
May-22	149,04	-2,365



Periode	Harga Saham IDX 80	Y (%)
Jun-22	139,62	-6,320
Jul-22	138,78	-0,602
Aug-22	144,28	3,963
Sep-22	141,68	-1,802
Oct-22	142,98	0,918
Nov-22	140,99	-1,392
Dec-22	130,52	-7,426
Jan-23	131,36	0,644
Feb-23	132,1	0,563
Mar-23	130,63	-1,113
<b>Rata-rata</b>	<b>128,665</b>	<b>-0,041</b>
<b>Tertinggi</b>	<b>152,65</b>	<b>11,413</b>
<b>Terendah</b>	<b>94,95</b>	<b>-22,471</b>

*Lampiran 3 nilai tukar 1 usd dalam rupiah periode januari 2020 – maret 2023*

Periode	Nilai 1 USD dalam Rupiah	X1 (%)
Dec-19	13.945	
Jan-20	13.662	- 2,029
Feb-20	14.234	4,187
Mar-20	16.367	14,985
Apr-20	15.157	- 7,393
May-20	14.733	- 2,797
Jun-20	14.302	- 2,925
Jul-20	14.653	2,454
Aug-20	14.554	- 0,676
Sep-20	14.918	2,501
Oct-20	14.690	- 1,528
Nov-20	14.128	- 3,826
Dec-20	14.105	- 0,163
Jan-21	14.084	- 0,149
Feb-21	14.229	1,030
Mar-21	14.572	2,411
Apr-21	14.468	- 0,714
May-21	14.310	- 1,092
Jun-21	14.496	1,300
Jul-21	14.491	- 0,034
Aug-21	14.374	- 0,807
Sep-21	14.307	- 0,466
Oct-21	14.199	- 0,755
Nov-21	14.340	0,993
Dec-21	14.265	- 0,523
Jan-22	14.381	0,813
Feb-22	14.371	- 0,070
Mar-22	14.349	- 0,153
Apr-22	14.418	0,481
May-22	14.544	0,874

Periode	Nilai 1 USD dalam Rupiah	X1 (%)
Jun-22	14.848	2,090
Jul-22	14.958	0,741
Aug-22	14.875	- 0,555
Sep-22	15.247	2,501
Oct-22	15.542	1,935
Nov-22	15.737	1,255
Dec-22	15.731	- 0,038
Jan-23	14.979	- 4,780
Feb-23	15.274	1,969
Mar-23	15.062	- 1,388
<b>Rata-rata</b>	<b>14.647</b>	<b>0,248</b>
<b>Tertinggi</b>	<b>16.367</b>	<b>14,985</b>
<b>Terendah</b>	<b>13.662</b>	<b>- 7,393</b>

*Lampiran 4 tingkat suku bunga periode januari 2020 – maret 2023*

Periode	X2 (%)
Jan-20	5,00
Feb-20	4,75
Mar-20	4,50
Apr-20	4,50
May-20	4,50
Jun-20	4,25
Jul-20	4,00
Aug-20	4,00
Sep-20	4,00
Oct-20	4,00
Nov-20	3,75
Dec-20	3,75
Jan-21	3,75
Feb-21	3,50
Mar-21	3,50
Apr-21	3,50
May-21	3,50
Jun-21	3,50
Jul-21	3,50
Aug-21	3,50
Sep-21	3,50
Oct-21	3,50
Nov-21	3,50
Dec-21	3,50
Jan-22	3,50
Feb-22	3,50
Mar-22	3,50
Apr-22	3,50
May-22	3,50
Jun-22	3,50
Jul-22	3,50
Aug-22	3,75
Sep-22	4,25
Oct-22	4,75
Nov-22	5,25
Dec-22	5,50

Periode	X2 (%)
Jan-23	5,75
Feb-23	5,75
Mar-23	5,75
<b>Rata-rata</b>	<b>4,064</b>
<b>Tertinggi</b>	<b>5,750</b>
<b>Terendah</b>	<b>3,500</b>

*Lampiran 5 tingkat inflasi periode januari 2020- maret 2023*

Periode	IHK	X3 (%)
Dec-19	2,72%	
Jan-20	2,68%	-1,471
Feb-20	2,98%	11,194
Mar-20	2,96%	-0,671
Apr-20	2,67%	-9,797
May-20	2,19%	-17,978
Jun-20	1,96%	-10,502
Jul-20	1,54%	-21,429
Aug-20	1,32%	-14,286
Sep-20	1,42%	7,576
Oct-20	1,44%	1,408
Nov-20	1,59%	10,417
Dec-20	1,68%	5,660
Jan-21	1,55%	-7,738
Feb-21	1,38%	-10,968
Mar-21	1,37%	-0,725
Apr-21	1,42%	3,650
May-21	1,68%	18,310
Jun-21	1,33%	-20,833
Jul-21	1,52%	14,286
Aug-21	1,59%	4,605
Sep-21	1,60%	0,629
Oct-21	1,66%	3,750
Nov-21	1,75%	5,422
Dec-21	1,87%	6,857
Jan-22	2,18%	16,578
Feb-22	2,06%	-5,505
Mar-22	2,64%	28,155
Apr-22	3,47%	31,439
May-22	3,55%	2,305
Jun-22	4,35%	22,535

Periode	IHK	X3 (%)
Jul-22	4,94%	13,563
Aug-22	4,69%	-5,061
Sep-22	5,95%	26,866
Oct-22	5,71%	-4,034
Nov-22	5,42%	-5,079
Dec-22	5,51%	1,661
Jan-23	5,28%	-4,174
Feb-23	5,47%	3,598
Mar-23	4,97%	-9,141
<b>Rata-rata</b>	<b>2,80%</b>	<b>2,335</b>
<b>Tertinggi</b>	<b>5,95%</b>	<b>31,439</b>
<b>Terendah</b>	<b>1,33%</b>	<b>-21,429</b>

*Lampiran 6 data pertumbuhan pdb periode januari 2020 - maret 2023*

Periode	PDB (Milyar Rupiah)	X4 (%)
Dec-19	4.018.606	
Jan-20	3.923.348	-2,370
Feb-20	3.923.348	-
Mar-20	3.923.348	-
Apr-20	3.690.742	-5,929
May-20	3.690.742	-
Jun-20	3.690.742	-
Jul-20	3.897.852	5,612
Aug-20	3.897.852	-
Sep-20	3.897.852	-
Oct-20	3.931.411	0,861
Nov-20	3.931.411	-
Dec-20	3.931.411	-
Jan-21	3.972.770	1,052
Feb-21	3.972.770	-
Mar-21	3.972.770	-
Apr-21	4.177.971	5,165
May-21	4.177.971	-
Jun-21	4.177.971	-
Jul-21	4.327.358	3,576
Aug-21	4.327.358	-
Sep-21	4.327.358	-
Oct-21	4.498.592	3,957
Nov-21	4.498.592	-
Dec-21	4.498.592	-
Jan-22	4.508.598	0,222

Periode	PDB (Milyar Rupiah)	X4 (%)
Feb-22	4.508.598	-
Mar-22	4.508.598	-
Apr-22	4.897.943	8,636
May-22	4.897.943	-
Jun-22	4.897.943	-
Jul-22	5.066.994	3,451
Aug-22	5.066.994	-
Sep-22	5.066.994	-
Oct-22	5.144.911	1,538
Nov-22	5.144.911	-
Dec-22	5.144.911	-
Jan-23	5.071.678	-1,423
Feb-23	5.071.678	-
Mar-23	5.071.678	-
<b>Rata-rata</b>	<b>4.383.728</b>	<b>0,624</b>
<b>Tertinggi</b>	<b>5.144.911</b>	<b>8,636</b>
<b>Terendah</b>	<b>3.690.742</b>	<b>-5,929</b>

*Lampiran 7 hasil output menggunakan EViews10*

### Uji OLS

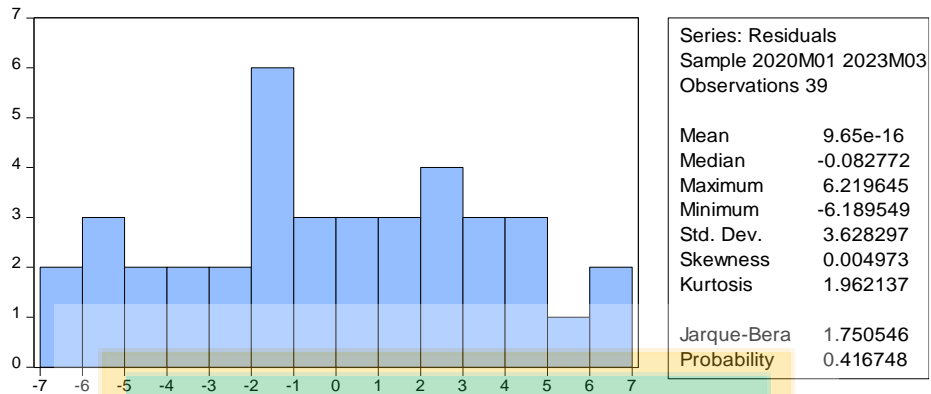
Dependent Variable: Indeks  
Method: Least Squares  
Date: 08/20/23 Time: 01:21  
Sample: 2020M01 2023M03  
Included observations: 39

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	6.217812	3.853817	1.613416	0.1159
Kurs	-1.439164	0.196664	-7.317863	0.0000
Bunga	-1.549661	0.916655	-1.690561	0.1001
Inflasi	-0.036597	0.051463	-0.711137	0.4819
PDB	0.769309	0.293809	2.618402	0.0131

R-squared	0.643793	Mean dependent var	-0.041282
Adjusted R-squared	0.601886	S.D. dependent var	6.079273
S.E. of regression	3.835794	Akaike info criterion	5.645839
Sum squared resid	500.2526	Schwarz criterion	5.859116
Log likelihood	-105.0939	Hannan-Quinn criter.	5.722361
F-statistic	15.36253	Durbin-Watson stat	1.586767
Prob(F-statistic)	0.000000		

**Uji Jarque-Bera**



**Uji Multikolinieritas**

Variance Inflation Factors

Variable	Coefficient Variance	Uncentered VIF	Centered VIF
C	14.85191	39.36737	NA
X1	0.038677	1.070456	1.064192
X2	0.840257	37.96295	1.175852
X3	0.002648	1.168346	1.130024
X4	0.086323	1.292525	1.203401

**Uji Breusch-Godfrey Serial Correlation LM Test**

Breusch-Godfrey Serial Correlation LM Test:

F-statistic	1.469354	Prob. F(2,32)	0.2452
Obs*R-squared	3.280305	Prob. Chi-Square(2)	0.1940

Test Equation:

Dependent Variable: RESID

Method: Least Squares

Date: 08/20/23 Time: 01:15

Sample: 2020M01 2023M03

Included observations: 39

Presample missing value lagged residuals set to zero.

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	0.044255	3.825140	0.011569	0.9908
X1	-0.034275	0.197239	-0.173773	0.8631
X2	-0.025460	0.909172	-0.028004	0.9778
X3	0.003404	0.050807	0.066990	0.9470
X4	0.032808	0.296172	0.110773	0.9125
RESID(-1)	0.220505	0.173541	1.270628	0.2130
RESID(-2)	-0.249725	0.184391	-1.354320	0.1851

R-squared	0.084110	Mean dependent var	9.65E-16
Adjusted R-squared	-0.087619	S.D. dependent var	3.628297
S.E. of regression	3.783914	Akaike info criterion	5.660544
Sum squared resid	458.1762	Schwarz criterion	5.959132
Log likelihood	-103.3806	Hannan-Quinn criter.	5.767674
F-statistic	0.489785	Durbin-Watson stat	1.932553
Prob(F-statistic)	0.811042		

### Uji Ramsey Reset Test

Ramsey RESET Test

Equation: UNTITLED

Specification: Y C X1 X2 X3 X4

Omitted Variables: Squares of fitted values

	Value	df	Probability
t-statistic	0.016174	33	0.9872
F-statistic	0.000262	(1, 33)	0.9872
Likelihood ratio	0.000309	1	0.9860

F-test summary:

	Sum of Sq.	df	Mean Squares
Test SSR	0.003966	1	0.003966
Restricted SSR	500.2526	34	14.71331
Unrestricted SSR	500.2487	33	15.15905

LR test summary:

	Value
Restricted LogL	-105.0939
Unrestricted LogL	-105.0937

Unrestricted Test Equation:

Dependent Variable: Y

Method: Least Squares

Date: 08/20/23 Time: 01:24

Sample: 2020M01 2023M03

Included observations: 39

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	6.213125	3.922473	1.583982	0.1227
X1	-1.435412	0.306014	-4.690670	0.0000
X2	-1.547408	0.940811	-1.644760	0.1095
X3	-0.036641	0.052308	-0.700496	0.4885
X4	0.768257	0.305236	2.516931	0.0169
FITTED^2	-0.000200	0.012374	-0.016174	0.9872

R-squared	0.643796	Mean dependent var	-0.041282
Adjusted R-squared	0.589826	S.D. dependent var	6.079273
S.E. of regression	3.893462	Akaike info criterion	5.697113
Sum squared resid	500.2487	Schwarz criterion	5.953046
Log likelihood	-105.0937	Hannan-Quinn criter.	5.788939
F-statistic	11.92870	Durbin-Watson stat	1.586108
Prob(F-statistic)	0.000001		

*Lampiran 8 Tabel Statistik*

**F Tabel**

DF1 = jumlah variabel – 1 = 5-1 = 4

DF2= jumlah sampel – jumlah variabel – 1 = 39-5-1 = 33

Probabilita = 0,05

Maka F Tabel = 2,66

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



## t Tabel

pr two tailed 0,05

df = 33

Maka T tabel = 1,69236

Pr df	0.25 0.50	0.10 0.20	0.05 0.10	0.025 0.050	0.01 0.02	0.005 0.010	0.001 0.002
1	1.00000	3.07768	6.31375	12.70620	31.82052	63.65674	318.30884
2	0.81650	1.88562	2.91999	4.30265	6.96456	9.92484	22.32712
3	0.76489	1.63774	2.35336	3.18245	4.54070	5.84091	10.21453
4	0.74070	1.53321	2.13185	2.77645	3.74695	4.60409	7.17318
5	0.72669	1.47588	2.01505	2.57058	3.36493	4.03214	5.89343
6	0.71756	1.43976	1.94318	2.44691	3.14267	3.70743	5.20763
7	0.71114	1.41492	1.89458	2.36462	2.99795	3.49948	4.78529
8	0.70639	1.39682	1.85955	2.30600	2.89646	3.35539	4.50079
9	0.70272	1.38303	1.83311	2.26216	2.82144	3.24984	4.29681
10	0.69981	1.37218	1.81246	2.22814	2.76377	3.16927	4.14370
11	0.69745	1.36343	1.79588	2.20099	2.71808	3.10581	4.02470
12	0.69548	1.35622	1.78229	2.17881	2.68100	3.05454	3.92963
13	0.69383	1.35017	1.77093	2.16037	2.65031	3.01228	3.85198
14	0.69242	1.34503	1.76131	2.14479	2.62449	2.97684	3.78739
15	0.69120	1.34061	1.75305	2.13145	2.60248	2.94671	3.73283
16	0.69013	1.33676	1.74588	2.11991	2.58349	2.92078	3.68615
17	0.68920	1.33338	1.73961	2.10982	2.56693	2.89823	3.64577
18	0.68836	1.33039	1.73406	2.10092	2.55238	2.87844	3.61048
19	0.68762	1.32773	1.72913	2.09302	2.53948	2.86093	3.57940
20	0.68695	1.32534	1.72472	2.08596	2.52798	2.84534	3.55181
21	0.68635	1.32319	1.72074	2.07961	2.51765	2.83136	3.52715
22	0.68581	1.32124	1.71714	2.07387	2.50832	2.81876	3.50499
23	0.68531	1.31946	1.71387	2.06866	2.49987	2.80734	3.48496
24	0.68485	1.31784	1.71088	2.06390	2.49216	2.79694	3.46678
25	0.68443	1.31635	1.70814	2.05954	2.48511	2.78744	3.45019
26	0.68404	1.31497	1.70562	2.05553	2.47863	2.77871	3.43500
27	0.68368	1.31370	1.70329	2.05183	2.47266	2.77068	3.42103
28	0.68335	1.31253	1.70113	2.04841	2.46714	2.76326	3.40816
29	0.68304	1.31143	1.69913	2.04523	2.46202	2.75639	3.39624
30	0.68276	1.31042	1.69726	2.04227	2.45726	2.75000	3.38518
31	0.68249	1.30946	1.69552	2.03951	2.45282	2.74404	3.37490
32	0.68223	1.30857	1.69389	2.03693	2.44868	2.73848	3.36531
33	0.68200	1.30774	1.69236	2.03452	2.44479	2.73328	3.35634

*Lampiran 9 Hasil Turnitin*

cek turnitin TA Syafii

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