

LAMPIRAN

Lampiran 1 Formulir Persetujuan Mengikuti Sidang Skripsi



KEMENTERIAN PENDIDIKAN DAN KEBUDAYAAN
UNIVERSITAS PEMBANGUNAN NASIONAL VETERAN
JAKARTA FAKULTAS EKONOMI DAN BISNIS
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FORMULIR PERSETUJUAN MENGIKUTI SIDANG SKRIPSI

NAMA : NAHSA NOOR LATIFAH
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PROGRAM STUDI : EKONOMI SYARIAH PROGRAM SARJANA
JUDUL SKRIPSI : PENGARUH ZIS, *ISLAMIC HUMAN DEVELOPMENT INDEX*, DAN
INVESTASI TERHADAP PERTUMBUHAN EKONOMI INDONESIA
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PERSETUJUAN : ~~DISETUJUI~~ / ~~TIDAK DISETUJUI~~*

Jakarta, 15 Desember 2023

Pembimbing

(Faizi, SE.I., M.Si., Ph. D)

* Coret yang tidak perlu

Lampiran 2 Kartu Monitoring Bimbingan



KEMENTERIAN PENDIDIKAN DAN KEBUDAYAAN
UNIVERSITAS PEMBANGUNAN NASIONAL VETERAN JAKARTA
FAKULTAS EKONOMI DAN BISNIS

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KARTU MONITORING BIMBINGAN

NAMA : Nahsa Noor Latifah
NIM : 2010116054
PROGRAM STUDI : Ekonomi Syariah Program Sarjana
DOSEN PEMBIMBING : Faizi, SE.I., M.Si., Ph. D
JUDUL SKRIPSI : Pengaruh ZIS, *Islamic Human Development Index*, dan Investasi Terhadap Pertumbuhan Ekonomi Indonesia

NO	TANGGAL	POKOK BAHASAN	PARAF PEMBIMBING
1	18 Agustus 2023	Konsultasi judul penelitian dan variabel penelitian	h
2	25 Agustus 2023	Bimbingan penyusunan Bab 1 terkait latar belakang, perumusan masalah, tujuan, dan manfaat penelitian	h
3	01 September 2023	Bimbingan penyusunan Bab 2 terkait landasan teori, penelitian terdahulu, model penelitian, dan hipotesis penelitian	h
4	08 September 2023	Bimbingan penyusunan Bab 3 terkait metode penelitian, penentuan populasi dan sampel, analisis data, dan prosedur penelitian	h
5	22 September 2023	Review penyusunan Bab 1 sampai dengan Bab 3	h
6	9 Oktober 2023	Bimbingan terkait revisi hasil seminar proposal	h
7	7 November 2023	Bimbingan penyusunan Bab 4 terkait objek dan data penelitian, olah data penelitian, analisis dan hipotesis penelitian, serta pembahasan	h
8	2 Desember 2023	Bimbingan terkait masalah dan kendala olah data penelitian	h
9	12 Desember 2023	Review penyusunan Bab 4 dan bimbingan penyusunan Bab 5 terkait simpulan, keterbatasan penelitian, dan saran	h
10	15 Desember 2023	Review hasil penyusunan skripsi dari Bab 1 s.d Bab 5, serta persetujuan formulir mengikuti sidang skripsi	h

Catatan :

Jakarta, 15 Desember 2023

1. Kartu monitor agar dilampirkan pada waktu Skripsi diajukan kepada Kepala Program pada saat pendaftaran ujian Proposal/Skripsi

Setuju untuk digandakan
Dosen Pembimbing

(Faizi, SE.I., M.Si., Ph. D)

*) coret yang tidak perlu

Lampiran 3 Data Penelitian

Tahun		PDB	LOG_ZIS	IHDI	LOG_PMA	LOG_PMDN
2013	I	1958.4	10.60642	0.3948	4.182050	3.314186
	II	2036.82	10.77468	0.4074	4.200205	3.499533
	III	2103.6	10.90258	0.4186	4.204693	3.511545
	IV	2057.69	11.00136	0.4283	4.265493	3.529297
2014	I	2058.58	11.07774	0.4367	4.276666	3.543854
	II	2137.39	11.13593	0.4436	4.356709	3.642836
	III	2207.34	11.17869	0.4491	4.360548	3.728100
	IV	2161.55	11.20781	0.4533	4.366913	3.730501
2015	I	2158.04	11.19302	0.3941	4.407938	3.749504
	II	2238.7	11.21050	0.4201	4.523960	3.758872
	III	2312.84	11.22827	0.4695	4.527209	3.867026
	IV	2272.93	11.24633	0.5422	4.597138	3.832980
2016	I	2264.72	11.16025	0.8194	4.565389	3.919991
	II	2355.45	11.22305	0.8663	4.599152	3.955082
	III	2429.26	11.32092	0.8641	4.602166	4.018183
	IV	2385.19	11.44426	0.8127	4.618086	4.062166
2017	I	2378.15	11.58541	0.5227	4.574711	4.231204
	II	2473.51	11.73252	0.4488	4.698661	4.574711
	III	2552.3	11.88216	0.4016	4.715817	4.172848
	IV	2508.97	12.03073	0.381	4.718499	4.213608
2018	I	2498.7	12.27144	0.4548	4.690430	4.468204
	II	2603.85	12.36751	0.4605	4.561218	4.389499
	III	2684.33	12.43663	0.4658	4.489759	4.439116
	IV	2638.97	12.48361	0.4707	4.595120	4.464758
2019	I	2625.18	12.43463	0.4593	4.681205	4.468204
	II	2735.41	12.47634	0.4698	4.653008	4.560173
	III	2818.81	12.52841	0.4862	4.653960	4.612146
	IV	2769.75	12.58921	0.5086	4.656813	4.634729
2020	I	2703.03	12.66184	0.5786	4.584967	4.724729
	II	2589.77	12.73313	0.5963	4.580877	4.546481
	III	2720.48	12.80711	0.6033	4.664382	4.633758
	IV	2709.72	12.88288	0.5997	4.710431	4.640537
2021	I	2684.45	12.97261	0.5609	4.715817	4.682131
	II	2773.07	13.04413	0.5457	4.760463	4.665324
	III	2816.49	13.11188	0.5297	4.731803	4.636669
	IV	2846.07	13.17626	0.5127	4.806477	4.781641
2022	I	2819.33	13.23764	0.4949	4.991792	4.906755
	II	2924.46	13.29629	0.4762	5.094976	4.934474
	III	2977.97	13.35248	0.4566	5.129307	4.933754
	IV	2988.64	13.40643	0.4361	5.164786	4.938781

Lampiran 4 Indeks Ad-Dien

Tahun	Jumlah Tindak Pidana	Kriminalitas	Indeks Ad-Dien
2013	342084	0,1284	0,0307
2014	325317	0,2708	0,0783
2015	352936	0,0362	0
2016	357197	3,0344	1
2017	336652	0,1745	0,0461
2018	294281	0,5345	0,1662
2019	269324	0,7465	0,2369
2020	247218	0,9343	0,2995
2021	239481	1,0000	0,3215
2022	322190	0,29739	0,0871

Lampiran 5 Indeks An-Nafs

Tahun	Angka Harapan Hidup		Indeks An-Nafs
	Laki-Laki	Perempuan	
2013	68,49	72,41	0
2014	68,87	72,59	0,1958
2015	68,93	72,78	0,2832
2016	69,09	72,8	0,3462
2017	69,16	73,06	0,4615
2018	69,3	73,19	0,5559
2019	69,44	73,33	0,6538
2020	69,59	73,46	0,7517
2021	69,67	73,55	0,8112
2022	69,93	73,83	1

Lampiran 6 Indeks AI-Aql

Tahun	Angka Harapan Lama Sekolah		Rata-Rata Lama Sekolah	Indeks AI-Aql
	Laki-Laki	Perempuan		
2013	12,07	12,13	7,61	0
2014	12,37	12,4	7,73	0,1953
2015	12,42	12,68	7,84	0,3271
2016	12,67	12,79	7,95	0,4662
2017	12,78	12,93	8,1	0,5969
2018	12,84	12,99	8,17	0,6588
2019	12,87	13,03	8,34	0,7546
2020	12,93	13,04	8,48	0,8366
2021	12,95	13,22	8,54	0,9134
2022	12,96	13,28	8,69	1

Lampiran 7 Indeks An-Nasl

Tahun	Laju Pertumbuhan Penduduk	Indeks An-Nasl
2013	1,21281781	1
2014	1,159506642	0,9075
2015	1,110854932	0,8231
2016	1,058942059	0,7330
2017	1,006439524	0,6419
2018	0,966206436	0,5721
2019	0,937689274	0,5226
2020	0,840389268	0,3537
2021	0,694717688	0,1009
2022	0,636555115	0

Lampiran 8 Indeks Al-Maal

Tahun	Persentase Penduduk Miskin	Indeks Al-Maal
2013	11,47	1
2014	10,96	0,7733
2015	11,13	0,8489
2016	10,7	0,6578
2017	10,12	0,4000
2018	9,66	0,1956
2019	9,22	0
2020	10,19	0,4311
2021	9,71	0,2178
2022	9,57	0,1556

Lampiran 9 Statistik Deskriptif

	PDB	LOG_ZIS	IHDI	LOG_PMA	LOG_PMDN
Mean	2499.498	12.03533	0.513518	4.606990	4.247947
Median	2530.635	12.15108	0.469650	4.600659	4.414307
Maximum	2988.640	13.40643	0.866300	5.164786	4.938781
Minimum	1958.400	10.60642	0.381000	4.182050	3.314186
Std. Dev.	290.9354	0.862717	0.124840	0.232854	0.478820
Skewness	-0.162883	0.045728	1.748859	0.349151	-0.285647
Kurtosis	1.858762	1.556469	5.300730	3.376421	1.779276
Jarque-Bera Probability	2.347582 0.309193	3.486911 0.174915	29.21231 0.000000	1.048863 0.591892	3.027573 0.220075
Sum	99979.91	481.4131	20.54070	184.2796	169.9179
Sum Sq. Dev.	3301094.	29.02693	0.607819	2.114617	8.941467
Observations	40	40	40	40	40

Lampiran 10 Uji Stasioneritas

Null Hypothesis: Unit root (individual unit root process)
 Series: PDB, LOG_ZIS, IHDI, LOG_PMA, LOG_PMDN
 Date: 11/22/23 Time: 21:30
 Sample: 2013Q1 2022Q4
 Exogenous variables: Individual effects
 Automatic selection of maximum lags
 Automatic lag length selection based on SIC: 0 to 9
 Total number of observations: 181
 Cross-sections included: 5

Method	Statistic	Prob.**
ADF - Fisher Chi-square	9.33253	0.5009
ADF - Choi Z-stat	1.37203	0.9150

** Probabilities for Fisher tests are computed using an asymptotic Chi-square distribution. All other tests assume asymptotic normality.

Intermediate ADF test results UNTITLED

Series	Prob.	Lag	Max Lag	Obs
PDB	0.9127	2	9	37
LOG_ZIS	0.9464	1	9	38
IHDI	0.0158	9	9	30
LOG_PMA	0.9504	0	9	39
LOG_PMDN	0.7257	2	9	37

Null Hypothesis: Unit root (individual unit root process)
 Series: PDB, LOG_ZIS, IHDI, LOG_PMA, LOG_PMDN
 Date: 11/22/23 Time: 21:30
 Sample: 2013Q1 2022Q4
 Exogenous variables: Individual effects
 Automatic selection of maximum lags
 Automatic lag length selection based on SIC: 0 to 4
 Total number of observations: 184
 Cross-sections included: 5

Method	Statistic	Prob.**
ADF - Fisher Chi-square	96.2290	0.0000
ADF - Choi Z-stat	-7.72778	0.0000

** Probabilities for Fisher tests are computed using an asymptotic Chi-square distribution. All other tests assume asymptotic normality.

Intermediate ADF test results D(UNTITLED)

Series	Prob.	Lag	Max Lag	Obs
D(PDB)	0.0000	1	9	37
D(LOG_ZIS)	0.0341	0	9	38
D(IHDI)	0.1095	4	9	34
D(LOG_PMA)	0.0003	0	9	38
D(LOG_PMDN)	0.0000	1	9	37

Null Hypothesis: Unit root (individual unit root process)
Series: PDB, LOG_ZIS, IHDI, LOG_PMA, LOG_PMDN
Date: 11/22/23 Time: 21:31
Sample: 2013Q1 2022Q4
Exogenous variables: Individual effects
Newey-West automatic bandwidth selection and Bartlett kernel
Total (balanced) observations: 195
Cross-sections included: 5

Method	Statistic	Prob.**
PP - Fisher Chi-square	6.04914	0.8111
PP - Choi Z-stat	1.11469	0.8675

** Probabilities for Fisher tests are computed using an asymptotic Chi-square distribution. All other tests assume asymptotic normality.

Intermediate Phillips-Perron test results UNTITLED

Series	Prob.	Bandwidth	Obs
PDB	0.7883	16.0	39
LOG_ZIS	0.8773	4.0	39
IHDI	0.1446	2.0	39
LOG_PMA	0.9390	3.0	39
LOG_PMDN	0.5171	5.0	39

Null Hypothesis: Unit root (individual unit root process)
Series: PDB, LOG_ZIS, IHDI, LOG_PMA, LOG_PMDN
Date: 11/22/23 Time: 21:32
Sample: 2013Q1 2022Q4
Exogenous variables: Individual effects
Newey-West automatic bandwidth selection and Bartlett kernel
Total (balanced) observations: 190
Cross-sections included: 5

Method	Statistic	Prob.**
PP - Fisher Chi-square	111.010	0.0000
PP - Choi Z-stat	-8.68466	0.0000

** Probabilities for Fisher tests are computed using an asymptotic Chi-square distribution. All other tests assume asymptotic normality.

Intermediate Phillips-Perron test results D(UNTITLED)

Series	Prob.	Bandwidth	Obs
D(PDB)	0.0000	14.0	38
D(LOG_ZIS)	0.0276	3.0	38
D(IHDI)	0.0044	2.0	38
D(LOG_PMA)	0.0004	5.0	38
D(LOG_PMDN)	0.0000	13.0	38

Lampiran 11 Uji Kointegrasi

Null Hypothesis: ECT has a unit root
 Exogenous: Constant
 Bandwidth: 9 (Newey-West automatic) using Bartlett kernel

	Adj. t-Stat	Prob.*
Phillips-Perron test statistic	-4.398956	0.0012
Test critical values:		
1% level	-3.610453	
5% level	-2.938987	
10% level	-2.607932	

*MacKinnon (1996) one-sided p-values.

Residual variance (no correction)	2872.511
HAC corrected variance (Bartlett kernel)	1802.327

Phillips-Perron Test Equation
 Dependent Variable: D(ECT)
 Method: Least Squares
 Date: 11/22/23 Time: 21:41
 Sample (adjusted): 2013Q2 2022Q4
 Included observations: 39 after adjustments

Variable	Coefficient	Std. Error	t-Statistic	Prob.
ECT(-1)	-0.730623	0.158599	-4.606736	0.0000
C	0.254694	8.811475	0.028905	0.9771
R-squared	0.364502	Mean dependent var		0.630092
Adjusted R-squared	0.347326	S.D. dependent var		68.11051
S.E. of regression	55.02529	Akaike info criterion		10.90338
Sum squared resid	112027.9	Schwarz criterion		10.98869
Log likelihood	-210.6160	Hannan-Quinn criter.		10.93399
F-statistic	21.22202	Durbin-Watson stat		1.764345
Prob(F-statistic)	0.000047			

Lampiran 12 Estimasi Jangka Panjang

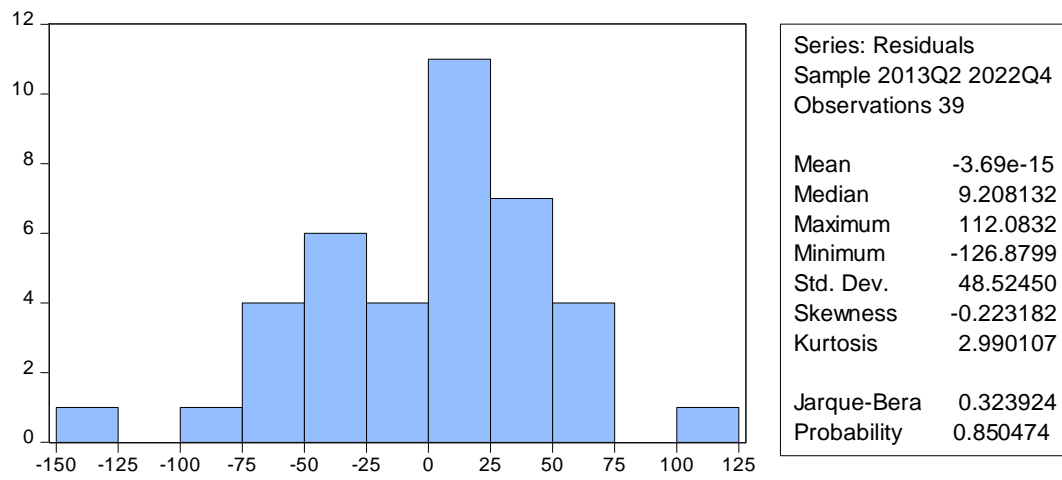
Dependent Variable: PDB
 Method: Least Squares
 Date: 11/22/23 Time: 21:36
 Sample: 2013Q1 2022Q4
 Included observations: 40

Variable	Coefficient	Std. Error	t-Statistic	Prob.
LOG_ZIS	144.7081	43.60392	3.318694	0.0021
IHDI	182.8744	88.06658	2.076548	0.0453
LOG_PMA	158.6512	82.45526	1.924088	0.0625
LOG_PMDN	271.8176	87.06039	3.122173	0.0036
C	-1164.704	331.1742	-3.516892	0.0012
R-squared	0.963411	Mean dependent var		2499.498
Adjusted R-squared	0.959229	S.D. dependent var		290.9354
S.E. of regression	58.74490	Akaike info criterion		11.10075
Sum squared resid	120783.7	Schwarz criterion		11.31186
Log likelihood	-217.0151	Hannan-Quinn criter.		11.17709
F-statistic	230.3929	Durbin-Watson stat		1.459626
Prob(F-statistic)	0.000000			

Lampiran 13 Estimasi Jangka Pendek

Dependent Variable: D(PDB)
 Method: Least Squares
 Date: 11/22/23 Time: 21:44
 Sample (adjusted): 2013Q2 2022Q4
 Included observations: 39 after adjustments

Variable	Coefficient	Std. Error	t-Statistic	Prob.
D(LOG_ZIS)	4.100612	165.8711	0.024722	0.9804
D(IHDI)	27.82943	129.6727	0.214613	0.8314
D(LOG_PMA)	-73.66710	148.4434	-0.496264	0.6230
D(LOG_PMDN)	125.5362	78.05746	1.608253	0.1173
ECT(-1)	-0.700163	0.154838	-4.521908	0.0001
C	22.35971	15.45765	1.446514	0.1575
R-squared	0.391759	Mean dependent var		26.41641
Adjusted R-squared	0.299602	S.D. dependent var		62.21905
S.E. of regression	52.07100	Akaike info criterion		10.88373
Sum squared resid	89475.84	Schwarz criterion		11.13966
Log likelihood	-206.2328	Hannan-Quinn criter.		10.97556
F-statistic	4.250969	Durbin-Watson stat		1.676226
Prob(F-statistic)	0.004297			

Lampiran 14 Uji Normalitas

Lampiran 15 Uji Autokorelasi

Test Equation:

Dependent Variable: RESID

Method: Least Squares

Date: 11/23/23 Time: 15:19

Sample: 2013Q1 2022Q4

Included observations: 40

Presample missing value lagged residuals set to zero.

Variable	Coefficient	Std. Error	t-Statistic	Prob.
LOG_ZIS	-24.93062	40.90685	-0.609449	0.5464
IHDI	4.636156	72.14931	0.064258	0.9492
LOG_PMA	-45.03987	77.26767	-0.582907	0.5639
LOG_PMDN	64.00193	84.79858	0.754752	0.4558
C	232.9447	320.2925	0.727287	0.4722
RESID(-1)	0.369527	0.156444	2.362034	0.0242
RESID(-2)	-0.495464	0.170947	-2.898347	0.0066
R-squared	0.263666	Mean dependent var		2.04E-13
Adjusted R-squared	0.129787	S.D. dependent var		55.65086
S.E. of regression	51.91402	Akaike info criterion		10.89468
Sum squared resid	88937.17	Schwarz criterion		11.19024
Log likelihood	-210.8937	Hannan-Quinn criter.		11.00155
F-statistic	1.969436	Durbin-Watson stat		1.754966
Prob(F-statistic)	0.098605			

Lampiran 16 Uji Multikolinieritas

Variance Inflation Factors
 Date: 11/23/23 Time: 08:46
 Sample: 2013Q1 2022Q4
 Included observations: 39

Variable	Coefficient Variance	Uncentered VIF	Centered VIF
D(LOG_ZIS)	27513.22	3.359874	1.320005
D(IHDI)	16815.01	1.252231	1.251960
D(LOG_PMA)	22035.43	1.321925	1.120674
D(LOG_PMDN)	6092.966	1.266277	1.114200
ECT(-1)	0.023975	1.064450	1.064359
C	238.9391	3.436845	NA

Lampiran 17 Uji Heteroskedastisitas

Heteroskedasticity Test: Breusch-Pagan-Godfrey

F-statistic	0.773011	Prob. F(5,33)	0.5761
Obs*R-squared	4.088889	Prob. Chi-Square(5)	0.5367
Scaled explained SS	2.913067	Prob. Chi-Square(5)	0.7134

Test Equation:

Dependent Variable: RESID^2

Method: Least Squares

Date: 11/23/23 Time: 08:47

Sample: 2013Q2 2022Q4

Included observations: 39

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	2719.959	988.2162	2.752392	0.0095
D(LOG_ZIS)	1252.212	10604.23	0.118086	0.9067
D(IHDI)	2392.486	8290.046	0.288597	0.7747
D(LOG_PMA)	-11771.59	9490.065	-1.240412	0.2236
D(LOG_PMDN)	-5251.382	4990.255	-1.052327	0.3003
ECT(-1)	5.380795	9.898875	0.543576	0.5904
R-squared	0.104843	Mean dependent var		2294.252
Adjusted R-squared	-0.030786	S.D. dependent var		3278.838
S.E. of regression	3328.927	Akaike info criterion		19.19933
Sum squared resid	3.66E+08	Schwarz criterion		19.45526
Log likelihood	-368.3869	Hannan-Quinn criter.		19.29115
F-statistic	0.773011	Durbin-Watson stat		2.073985
Prob(F-statistic)	0.576089			

Lampiran 18 Uji Linearitas

Ramsey RESET Test

Equation: UNTITLED

Specification: D(PDB) D(LOG_ZIS) D(IHDI) D(LOG_PMA) D(LOG_PMDN)

ECT(-1) C

Omitted Variables: Squares of fitted values

	Value	df	Probability
t-statistic	0.951425	32	0.3485
F-statistic	0.905209	(1, 32)	0.3485
Likelihood ratio	1.087908	1	0.2969

F-test summary:

	Sum of Sq.	df	Mean Squares
Test SSR	2461.445	1	2461.445
Restricted SSR	89475.84	33	2711.389
Unrestricted SSR	87014.40	32	2719.200

LR test summary:

	Value
Restricted LogL	-206.2328
Unrestricted LogL	-205.6888

Unrestricted Test Equation:

Dependent Variable: D(PDB)

Method: Least Squares

Date: 11/23/23 Time: 08:43

Sample: 2013Q2 2022Q4

Included observations: 39

Variable	Coefficient	Std. Error	t-Statistic	Prob.
D(LOG_ZIS)	-13.83892	167.1766	-0.082780	0.9345
D(IHDI)	18.52289	130.2272	0.142235	0.8878
D(LOG_PMA)	-74.82534	148.6620	-0.503325	0.6182
D(LOG_PMDN)	101.6931	82.08860	1.238822	0.2244
ECT(-1)	-0.596850	0.189302	-3.152904	0.0035
C	16.00822	16.85803	0.949590	0.3494
FITTED^2	0.004010	0.004215	0.951425	0.3485

R-squared	0.408492	Mean dependent var	26.41641
Adjusted R-squared	0.297584	S.D. dependent var	62.21905
S.E. of regression	52.14595	Akaike info criterion	10.90712
Sum squared resid	87014.40	Schwarz criterion	11.20571
Log likelihood	-205.6888	Hannan-Quinn criter.	11.01425
F-statistic	3.683167	Durbin-Watson stat	1.641422
Prob(F-statistic)	0.006789		

Lampiran 19 Tabel Uji t

Degrees of Freedom	Area in Upper Tail					
	.20	.10	.05	.025	.01	.005
35	.852	1.306	1.690	2.030	2.438	2.724
36	.852	1.306	1.688	2.028	2.434	2.719
37	.851	1.305	1.687	2.026	2.431	2.715
38	.851	1.304	1.686	2.024	2.429	2.712
39	.851	1.304	1.685	2.023	2.426	2.708
40	.851	1.303	1.684	2.021	2.423	2.704
41	.850	1.303	1.683	2.020	2.421	2.701
42	.850	1.302	1.682	2.018	2.418	2.698
43	.850	1.302	1.681	2.017	2.416	2.695
44	.850	1.301	1.680	2.015	2.414	2.692
45	.850	1.301	1.679	2.014	2.412	2.690
46	.850	1.300	1.679	2.013	2.410	2.687
47	.849	1.300	1.678	2.012	2.408	2.685
48	.849	1.299	1.677	2.011	2.407	2.682
49	.849	1.299	1.677	2.010	2.405	2.680
50	.849	1.299	1.676	2.009	2.403	2.678
51	.849	1.298	1.675	2.008	2.402	2.676
52	.849	1.298	1.675	2.007	2.400	2.674
53	.848	1.298	1.674	2.006	2.399	2.672
54	.848	1.297	1.674	2.005	2.397	2.670
55	.848	1.297	1.673	2.004	2.396	2.668
56	.848	1.297	1.673	2.003	2.395	2.667
57	.848	1.297	1.672	2.002	2.394	2.665
58	.848	1.296	1.672	2.002	2.392	2.663
59	.848	1.296	1.671	2.001	2.391	2.662
60	.848	1.296	1.671	2.000	2.390	2.660
61	.848	1.296	1.670	2.000	2.389	2.659
62	.847	1.295	1.670	1.999	2.388	2.657
63	.847	1.295	1.669	1.998	2.387	2.656
64	.847	1.295	1.669	1.998	2.386	2.655
65	.847	1.295	1.669	1.997	2.385	2.654
66	.847	1.295	1.668	1.997	2.384	2.652
67	.847	1.294	1.668	1.996	2.383	2.651
68	.847	1.294	1.668	1.995	2.382	2.650
69	.847	1.294	1.667	1.995	2.382	2.649
70	.847	1.294	1.667	1.994	2.381	2.648
71	.847	1.294	1.667	1.994	2.380	2.647
72	.847	1.293	1.666	1.993	2.379	2.646
73	.847	1.293	1.666	1.993	2.379	2.645
74	.847	1.293	1.666	1.993	2.378	2.644
75	.846	1.293	1.665	1.992	2.377	2.643
76	.846	1.293	1.665	1.992	2.376	2.642
77	.846	1.293	1.665	1.991	2.376	2.641
78	.846	1.292	1.665	1.991	2.375	2.640
79	.846	1.292	1.664	1.990	2.374	2.639

Lampiran 20 Tabel Uji F

$\alpha =$ 0,05	$df_1=(k-1)$							
	$df_2=(n$ $-k-1)$	1	2	3	4	5	6	7
1	161.44 8	199.50 0	215.70 7	224.58 3	230.16 2	233.98 6	236.76 8	238.88 3
2	18.513	19.000	19.164	19.247	19.296	19.330	19.353	19.371
3	10.128	9.552	9.277	9.117	9.013	8.941	8.887	8.845
4	7.709	6.944	6.591	6.388	6.256	6.163	6.094	6.041
5	6.608	5.786	5.409	5.192	5.050	4.950	4.876	4.818
6	5.987	5.143	4.757	4.534	4.387	4.284	4.207	4.147
7	5.591	4.737	4.347	4.120	3.972	3.866	3.787	3.726
8	5.318	4.459	4.066	3.838	3.687	3.581	3.500	3.438
9	5.117	4.256	3.863	3.633	3.482	3.374	3.293	3.230
10	4.965	4.103	3.708	3.478	3.326	3.217	3.135	3.072
11	4.844	3.982	3.587	3.357	3.204	3.095	3.012	2.948
12	4.747	3.885	3.490	3.259	3.106	2.996	2.913	2.849
13	4.667	3.806	3.411	3.179	3.025	2.915	2.832	2.767
14	4.600	3.739	3.344	3.112	2.958	2.848	2.764	2.699
15	4.543	3.682	3.287	3.056	2.901	2.790	2.707	2.641
16	4.494	3.634	3.239	3.007	2.852	2.741	2.657	2.591
17	4.451	3.592	3.197	2.965	2.810	2.699	2.614	2.548
18	4.414	3.555	3.160	2.928	2.773	2.661	2.577	2.510
19	4.381	3.522	3.127	2.895	2.740	2.628	2.544	2.477
20	4.351	3.493	3.098	2.866	2.711	2.599	2.514	2.447
21	4.325	3.467	3.072	2.840	2.685	2.573	2.488	2.420
22	4.301	3.443	3.049	2.817	2.661	2.549	2.464	2.397
23	4.279	3.422	3.028	2.796	2.640	2.528	2.442	2.375
24	4.260	3.403	3.009	2.776	2.621	2.508	2.423	2.355
25	4.242	3.385	2.991	2.759	2.603	2.490	2.405	2.337
26	4.225	3.369	2.975	2.743	2.587	2.474	2.388	2.321
27	4.210	3.354	2.960	2.728	2.572	2.459	2.373	2.305
28	4.196	3.340	2.947	2.714	2.558	2.445	2.359	2.291
29	4.183	3.328	2.934	2.701	2.545	2.432	2.346	2.278
30	4.171	3.316	2.922	2.690	2.534	2.421	2.334	2.266
31	4.160	3.305	2.911	2.679	2.523	2.409	2.323	2.255
32	4.149	3.295	2.901	2.668	2.512	2.399	2.313	2.244
33	4.139	3.285	2.892	2.659	2.503	2.389	2.303	2.235
34	4.130	3.276	2.883	2.650	2.494	2.380	2.294	2.225
35	4.121	3.267	2.874	2.641	2.485	2.372	2.285	2.217
36	4.113	3.259	2.866	2.634	2.477	2.364	2.277	2.209
37	4.105	3.252	2.859	2.626	2.470	2.356	2.270	2.201
38	4.098	3.245	2.852	2.619	2.463	2.349	2.262	2.194
39	4.091	3.238	2.845	2.612	2.456	2.342	2.255	2.187
40	4.085	3.232	2.839	2.606	2.449	2.336	2.249	2.180
41	4.079	3.226	2.833	2.600	2.443	2.330	2.243	2.174
42	4.073	3.220	2.827	2.594	2.438	2.324	2.237	2.168
43	4.067	3.214	2.822	2.589	2.432	2.318	2.232	2.163
44	4.062	3.209	2.816	2.584	2.427	2.313	2.226	2.157
45	4.057	3.204	2.812	2.579	2.422	2.308	2.221	2.152

Lampiran 21 Tabel Durbin-Watson

$\alpha = .05$										
	k = 1		k = 2		k = 3		k = 4		k = 5	
n	dL	dU	dL	dU	dL	dU	dL	dU	dL	dU
6	0.61	1.4								
7	0.7	1.36	0.47	1.9						
8	0.76	1.33	0.56	1.78	0.37	2.29				
9	0.82	1.32	0.63	1.7	0.46	2.13	0.3	2.59		
10	0.88	1.32	0.7	1.64	0.53	2.02	0.38	2.41	0.24	2.82
11	0.93	1.32	0.66	1.6	0.6	1.93	0.44	2.28	0.32	2.65
12	0.97	1.33	0.81	1.58	0.66	1.86	0.51	2.18	0.38	2.51
13	1.01	1.34	0.86	1.56	0.72	1.82	0.57	2.09	0.45	2.39
14	1.05	1.35	0.91	1.55	0.77	1.78	0.63	2.03	0.51	2.3
15	1.08	1.36	0.95	1.54	0.82	1.75	0.69	1.97	0.56	2.21
16	1.1	1.37	0.98	1.54	0.86	1.73	0.74	1.93	0.62	2.15
17	1.13	1.38	1.02	1.54	0.9	1.71	0.78	1.9	0.67	2.1
18	1.16	1.39	1.05	1.53	0.93	1.69	0.92	1.87	0.71	2.06
19	1.18	1.4	1.08	1.53	0.97	1.68	0.86	1.85	0.75	2.02
20	1.2	1.41	1.1	1.54	1	1.68	0.9	1.83	0.79	1.99
21	1.22	1.42	1.13	1.54	1.03	1.67	0.93	1.81	0.83	1.96
22	1.24	1.43	1.15	1.54	1.05	1.66	0.96	1.8	0.96	1.94
23	1.26	1.44	1.17	1.54	1.08	1.66	0.99	1.79	0.9	1.92
24	1.27	1.45	1.19	1.55	1.1	1.66	1.01	1.78	0.93	1.9
25	1.29	1.45	1.21	1.55	1.12	1.66	1.04	1.77	0.95	1.89
26	1.3	1.46	1.22	1.55	1.14	1.65	1.06	1.76	0.98	1.88
27	1.32	1.47	1.24	1.56	1.16	1.65	1.08	1.76	1.01	1.86
28	1.33	1.48	1.26	1.56	1.18	1.65	1.1	1.75	1.03	1.85
29	1.34	1.48	1.27	1.56	1.2	1.65	1.12	1.74	1.05	1.84
30	1.35	1.49	1.28	1.57	1.21	1.65	1.14	1.74	1.07	1.83
31	1.36	1.5	1.3	1.57	1.23	1.65	1.16	1.74	1.09	1.83
32	1.37	1.5	1.31	1.57	1.24	1.65	1.18	1.73	1.11	1.82
33	1.38	1.51	1.32	1.58	1.26	1.65	1.19	1.73	1.13	1.81
34	1.39	1.51	1.33	1.58	1.27	1.65	1.21	1.73	1.15	1.81
35	1.4	1.52	1.34	1.58	1.28	1.65	1.22	1.73	1.16	1.8
36	1.41	1.52	1.35	1.59	1.29	1.65	1.24	1.73	1.18	1.8
37	1.42	1.53	1.36	1.59	1.31	1.66	1.25	1.72	1.19	1.8
38	1.43	1.54	1.37	1.59	1.32	1.66	1.26	1.72	1.21	1.79
39	1.43	1.54	1.38	1.6	1.33	1.66	1.27	1.72	1.22	1.79
40	1.44	1.54	1.39	1.6	1.34	1.66	1.29	1.72	1.23	1.79
45	1.48	1.57	1.43	1.62	1.38	1.67	1.34	1.72	1.29	1.78
50	1.5	1.59	1.46	1.63	1.42	1.67	1.38	1.72	1.34	1.77
55	1.53	1.6	1.49	1.64	1.45	1.68	1.41	1.72	1.38	1.77
60	1.55	1.62	1.51	1.65	1.48	1.69	1.44	1.73	1.41	1.77
65	1.57	1.63	1.54	1.66	1.5	1.7	1.47	1.73	1.44	1.77
70	1.58	1.64	1.55	1.67	1.52	1.7	1.49	1.74	1.46	1.77
75	1.6	1.65	1.57	1.68	1.54	1.71	1.51	1.74	1.49	1.77
80	1.61	1.66	1.59	1.69	1.56	1.72	1.53	1.74	1.51	1.77
85	1.62	1.67	1.6	1.7	1.57	1.72	1.55	1.75	1.52	1.77
90	1.63	1.68	1.61	1.7	1.59	1.73	1.57	1.75	1.54	1.78
95	1.64	1.69	1.62	1.71	1.6	1.73	1.58	1.75	1.56	1.78
100	1.65	1.69	1.63	1.72	1.61	1.74	1.59	1.76	1.57	1.78
150	1.72	1.75	1.71	1.76	1.69	1.77	1.68	1.79	1.66	1.8
200	1.76	1.78	1.75	1.79	1.74	1.8	1.73	1.81	1.72	1.82