LAMPIRAN

Lampiran 1. Data Penelitian

Tahun	Jumlah Produksi	Inflasi	Pertumbuhan Jumlah Petani	Luas Lahan	Curah Hujan
2013Q1	34,256.25	4.27	0.813	62311.64063	730.5
2013Q2	34,931.25	4.57	0.584	62318.98438	672.5
2013Q3	35,287.50	7.29	0.395	62326.17188	636.6
2013Q4	35,325.00	7.35	0.249	62333.20313	1164
2014Q1	35,043.75	6.16	0.144	62340.07813	700
2014Q2	34,443.75	4.86	0.080	62346.79688	425
2014Q3	33,525.00	2.78	0.059	62353.35938	300
2014Q4	32,287.50	4.43	0.078	62359.76563	675
2015Q1	28,555.47	6.03	0.376	61834.375	744.3
2015Q2	27,550.78	7.37	0.385	62053.125	723.7
2015Q3	27,097.66	7.51	0.341	62484.375	47.9
2015Q4	27,196.09	4.71	0.243	63128.125	516.6
2016Q1	27,162.50	4.92	-0.185	65546.875	757.7
2016Q2	28,637.50	4.29	-0.277	65990.625	806.2
2016Q3	30,937.50	4.12	-0.312	66021.875	647.2
2016Q4	34,062.50	3.98	-0.288	65640.625	1279.2
2017Q1	42,172.66	3.86	0.025	63300	874.7
2017Q2	45,283.59	4.04	0.073	62712.5	700.6
2017Q3	47,555.47	3.25	0.087	62331.25	228.2
2017Q4	48,988.28	3.01	0.067	62156.25	880.9
2018Q1	47,953.13	3.08	-0.025	62753.90625	945.1
2018Q2	48,359.38	3.27	-0.098	62764.84375	634.7
2018Q3	48,578.13	2.78	-0.189	62755.46875	216.5
2018Q4	48,609.38	2.62	-0.299	62725.78125	736.4
2019Q1	47,878.91	1.99	-0.751	62593.75	901.1
2019Q2	47,764.84	2.08	-0.769	62556.25	636.2
2019Q3	47,692.97	2.52	-0.676	62531.25	111.4
2019Q4	47,663.28	2.39	-0.472	62518.75	385.8
2020Q1	47,390.63	2.89	0.445	62499.21875	780.5
2020Q2	47,559.38	2.11	0.630	62519.53125	794.2
2020Q3	47,884.38	0.88	0.685	62560.15625	258.3
2020Q4	48,365.63	1.37	0.610	62621.09375	812.7
2021Q1	49,534.38	1.17	-0.061	62190.625	669
2021Q2	50,115.63	1.44	-0.210	62496.875	332.4
2021Q3	50,640.63	1.68	-0.301	63028.125	469.8
2021Q4	51,109.38	1.85	-0.337	63784.375	1127
2022Q1	51,665.63	2.57	-0.187	65934.375	819.2

Tahun	Jumlah Produksi	Inflasi	Pertumbuhan Jumlah Petani	Luas Lahan	Curah Hujan
2022Q2	51,964.38	4.48	-0.160	66673.125	801.1
2022Q3	52,149.38	6.13	-0.129	67169.375	467.1
2022Q4	52,220.63	6.11	-0.092	67423.125	1162.8
2023Q1	51,783.20	5.23	-0.010	66839.0625	896.7
2023Q2	51,784.92	3.5	0.020	66845.9375	516.1
2023Q3	51,830.86	2.62	0.039	66848.4375	172.8
2023Q4	51,921.02	3.2	0.046	66846.5625	633.3
2024Q1	52,055.39	3.18	0.042	66840.3125	1117.9
2024Q2	52,233.98	2.86	0.027	66829.6875	895.7
2024Q3	52,456.80	1.69	0.001	66814.6875	288.3
2024Q4	52,723.83	1.01	-0.037	66795.3125	850

Lampiran 2. Hasil Statistik Deskriptif

	JUMLAH_PR	INFLASI	PERTUMBU	LUAS_LAHAN	CURAH_HUJ
Mean	43587.29	3.656250	0.014125	63888.54	665.4771
Median	47821.88	3.225000	0.022156	62719.14	700.3000
Maximum	52723.83	7.510000	0.813437	67423.13	1279.200
Minimum	27097.66	0.880000	-0.769266	61834.38	47.90000
Std. Dev.	8971.620	1.785199	0.350525	1962.405	289.4059
Skewness	-0.704172	0.587419	0.063510	0.712826	-0.170539
Kurtosis	1.872659	2.564713	3.121528	1.684625	2.607255
Jarque-Bera	6.508663	3.139439	0.061807	7.525391	0.541165
Probability	0.038607	0.208104	0.969569	0.023221	0.762935
Sum	2092190.	175.5000	0.678000	3066650.	31942.90
Sum Sq. Dev.	3.78E+09	149.7859	5.774777	1.81E+08	3936522.
Observations	48	48	48	48	48

Lampiran 3. Hasil Uji Stationeritas pada Tingkat Level I(0)

Null Hypothesis: JUMLAH_PRODUKSI has a unit root
Exogenous: None
Lag Length: 1 (Automatic - based on SIC, maxlag=9)

		t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic		0.405297	0.7964
Test critical values:	1% level	-2.616203	
	5% level	-1.948140	
	10% level	-1.612320	

Null Hypothesis: INFLASI has a unit root
Exogenous: None
Lag Length: 0 (Automatic - based on SIC, maxlag=9)

		t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic		-1.154594	0.2228
Test critical values:	1% level	-2.615093	
	5% level	-1.947975	
	10% level	-1.612408	

Null Hypothesis: PERTUMBUHAN_JUMLAH_PETANI has a unit root
Exogenous: None
Lag Length: 9 (Automatic - based on SIC, maxlag=9)

		t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic		-2.090616	0.0366
Test critical values:	1% level	-2.627238	
	5% level	-1.949856	
	10% level	-1.611469	

Null Hypothesis: LUAS_LAHAN has a unit root
Exogenous: None
Lag Length: 5 (Automatic - based on SIC, maxlag=9)

		t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic		0.784132	0.8788
Test critical values:	1% level	-2.621185	
	5% level	-1.948886	
	10% level	-1.611932	

Null Hypothesis: CURAH_HUJAN has a unit root
Exogenous: None
Lag Length: 3 (Automatic - based on SIC, maxlag=9)

		t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic		-0.462831	0.5091
Test critical values:	1% level	-2.618579	
	5% level	-1.948495	
	10% level	-1.612135	

Lampiran 4. Hasil Uji Stationeritas pada Tingkat First Difference I(1)

Null Hypothesis: D(JUMLAH_PRODUKSI) has a unit root
Exogenous: None
Lag Length: 0 (Automatic - based on SIC, maxlag=9)

		t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic		-2.978233	0.0037
Test critical values:	1% level	-2.616203	
	5% level	-1.948140	
	10% level	-1.612320	

Null Hypothesis: D(INFLASI) has a unit root
Exogenous: None
Lag Length: 0 (Automatic - based on SIC, maxlag=9)

		t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic		-4.953408	0.0000
Test critical values:	1% level	-2.616203	
	5% level	-1.948140	
	10% level	-1.612320	

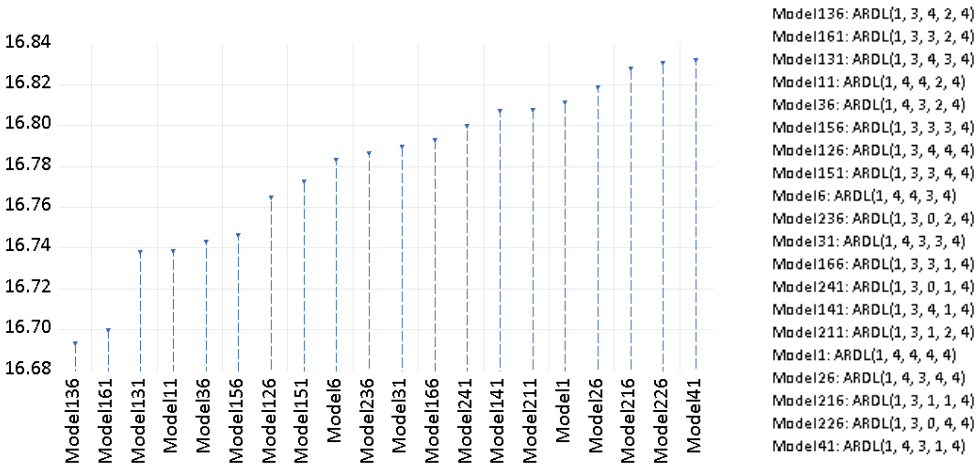
Null Hypothesis: D(LUAS_LAHAN) has a unit root
Exogenous: None
Lag Length: 4 (Automatic - based on SIC, maxlag=9)

		t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic		-2.569019	0.0114
Test critical values:	1% level	-2.621185	
	5% level	-1.948886	
	10% level	-1.611932	

Null Hypothesis: D(CURAH_HUJAN) has a unit root
Exogenous: None
Lag Length: 2 (Automatic - based on SIC, maxlag=9)

		t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic		-11.85945	0.0000
Test critical values:	1% level	-2.618579	
	5% level	-1.948495	
	10% level	-1.612135	

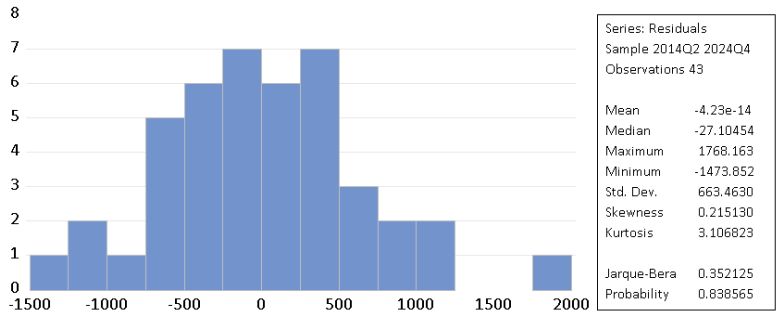
Lampiran 5. Grafik Akaike Information Criteria (AIC)



Lampiran 6. Uji Kointegrasi

F-Bounds Test		Null Hypothesis: No levels relationship		
Test Statistic	Value	Signif.	I(0)	I(1)
F-statistic	4.820021	10%	2.2	3.09
k	4	5%	2.56	3.49
		2.5%	2.88	3.87
		1%	3.29	4.37

Lampiran 7. Hasil Uji Normalitas



Lampiran 8. Hasil Uji Multikolinearitas

Variance Inflation Factors
Date: 11/26/25 Time: 00:46
Sample: 2013Q1 2024Q4
Included observations: 43

Variable	Coefficient Variance	Uncentered VIF	Centered VIF
D(JUMLAH_PRODUK	0.010408	1.662971	1.570752
D(INFLASI)	35244.50	1.812127	1.783906
D(INFLASI(-1))	31232.45	1.644511	1.614305
D(INFLASI(-2))	37395.14	1.902722	1.880567
D(INFLASI(-3))	32360.24	1.953035	1.951147
PERTUMBUHAN_JU	818699.8	4.828706	4.772598
PERTUMBUHAN_JU	1532462.	9.076893	8.995499
PERTUMBUHAN_JU	1772099.	10.63855	10.57630
PERTUMBUHAN_JU	1752273.	10.87332	10.84660
PERTUMBUHAN_JU	708447.7	4.707649	4.707035
D(LUAS_LAHAN)	0.083213	2.209708	2.159843
D(LUAS_LAHAN(-1))	0.104201	2.767014	2.703834
D(LUAS_LAHAN(-2))	0.068559	1.820529	1.778550
D(CURAH_HUJAN)	0.454212	3.995148	3.994839
D(CURAH_HUJAN(-1))	0.627232	5.435398	5.420877
D(CURAH_HUJAN(-2))	0.587590	5.022620	5.021429
D(CURAH_HUJAN(-3))	0.616723	5.233152	5.229458
D(CURAH_HUJAN(-4))	0.557602	4.563928	4.563769

Lampiran 9. Hasil Uji Heterokedastisitas

Heteroskedasticity Test: Breusch-Pagan-Godfrey
Null hypothesis: Homoskedasticity

F-statistic	1.648562	Prob. F(18,24)	0.1253
Obs*R-squared	23.77286	Prob. Chi-Square(18)	0.1626
Scaled explained SS	7.801266	Prob. Chi-Square(18)	0.9815

Lampiran 10. Hasil Uji Autokorelasi

Breusch-Godfrey Serial Correlation LM Test:
Null hypothesis: No serial correlation at up to 2 lags

F-statistic	0.499817	Prob. F(2,22)	0.6134
Obs*R-squared	1.868911	Prob. Chi-Square(2)	0.3928

Lampiran 11. Model ARDL Jangka Pendek

ECM Regression
Case 2: Restricted Constant and No Trend

Variable	Coefficient	Std. Error	t-Statistic	Prob.
D(INFLASI,2)	-389.3737	132.5339	-2.937918	0.0072
D(INFLASI(-1),2)	171.1221	159.6776	1.071672	0.2945
D(INFLASI(-2),2)	584.2724	121.3712	4.813928	0.0001
D(PERTUMBUHAN_JU	1224.133	685.0725	1.786866	0.0866
D(PERTUMBUHAN_JU	490.3364	682.2542	0.718701	0.4793
D(PERTUMBUHAN_JU	-2316.624	749.4099	-3.091264	0.0050
D(PERTUMBUHAN_JU	963.9294	642.1967	1.500988	0.1464
D(LUAS_LAHAN,2)	-0.525152	0.226493	-2.318622	0.0293
D(LUAS_LAHAN(-1),2)	0.534879	0.203816	2.624320	0.0149
D(CURAH_HUJAN,2)	-0.527392	0.485650	-1.085951	0.2883
D(CURAH_HUJAN(-1),2)	-8.761493	1.414997	-6.191883	0.0000
D(CURAH_HUJAN(-2),2)	-6.197092	1.012267	-6.121993	0.0000
D(CURAH_HUJAN(-3),2)	-3.618976	0.627813	-5.764421	0.0000
CointEq(-1)*	-0.377512	0.063861	-5.911442	0.0000

Lampiran 12. Model ARDL Jangka Panjang

Levels Equation Case 2: Restricted Constant and No Trend				
Variable	Coefficient	Std. Error	t-Statistic	Prob.
D(INFLASI)	-2417.167	1085.455	-2.226870	0.0356
PERTUMBUHAN_JUML	951.4384	2165.918	0.439277	0.6644
D(LUAS_LAHAN)	0.020106	0.930776	0.021602	0.9829
D(CURAH_HUJAN)	30.09940	9.409827	3.198720	0.0039
C	360.1259	382.5645	0.941347	0.3559

Lampiran 13. Hasil Uji F

F-statistic	7.018572
Prob(F-statistic)	0.000010

Lampiran 14. Hasil Uji R-*Squared* dan Adjusted R-*Squared*

R-squared	0.840356
Adjusted R-squared	0.720623