LAMPIRAN

Lampiran 1 Hasil Analisis Regresi

1. Model Regresi Model 35 Kabupaten/Kota Jawa Tengah Sektor Pertanian
   1) Pemilihan Model Terbaik

Uji Chow

Redundant Fixed Effects Tests
Equation: Untitled
Test cross-section fixed effects

Effects Test	Statistic	d.f.	Prob.
Cross-section F	14.879131	(34,309)	0.0000
Cross-section Chi-square	339.399345	34	0.0000

Uji Hausman

Correlated Random Effects - Hausman Test
Equation: Untitled
Test cross-section random effects

Test Summary	Chi-Sq. Statistic	Chi-Sq. d.f.	Prob.
Cross-section random	39.593289	6	0.0000

   2) Hasil Estimasi data

Dependent Variable: PKJ_PRT
Method: Panel Least Squares
Date: 05/12/25 Time: 10:45
Sample: 2014 2023
Periods included: 10
Cross-sections included: 35
Total panel (balanced) observations: 350

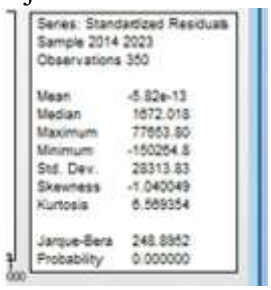
Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	231134.9	91910.25	2.514789	0.0124
PDRB_PRT	-0.015945	0.004329	-3.683051	0.0003
PMA	-0.003075	0.001210	-2.540760	0.0116
PMDN	0.001223	0.001223	1.000026	0.3181
UMK	-0.018571	0.009811	-1.892873	0.0593
RK	3515.972	1146.342	3.067123	0.0024
RLS	-24140.79	10131.25	-2.382804	0.0178

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.882132	Mean dependent var	118376.5
Adjusted R-squared	0.866874	S.D. dependent var	82470.79
S.E. of regression	30090.69	Akaike info criterion	23.57151
Sum squared resid	2.80E+11	Schwarz criterion	24.02344
Log likelihood	-4084.015	Hannan-Quinn criter.	23.75140
F-statistic	57.81425	Durbin-Watson stat	1.175550
Prob(F-statistic)	0.000000		

3) Uji Normalitas



4) Uji Heteroskedastisitas

Dependent Variable: RESID2
Method: Panel Least Squares
Date: 05/12/25 Time: 10:54
Sample: 2014 2023
Periods included: 10
Cross-sections included: 35
Total panel (balanced) observations: 350

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-3.83E+09	5.54E+09	-0.691396	0.4898
PDRB_PRT	348.2849	260.7547	1.335680	0.1826
PMA	4.102392	72.89619	0.056277	0.9552
PMDN	22.72945	73.67322	0.308517	0.7579
UMK	77.46810	590.9070	0.131100	0.8958
RK	-31536161	69042974	-0.456761	0.6482
RLS	6.05E+08	6.10E+08	0.991932	0.3220

5) Uji Multikolinieritas

View | Proc | Object | Print | Name | Freeze | Sample | Sheet | Stats | Spec

Correlation

	PDRB_PRT	PMA	PMDN	UMK	RK	RLS
PDRB_PRT	1.000000	0.088277	-0.009613	0.000334	0.494967	-0.665219
PMA	0.088277	1.000000	0.050948	0.232237	-0.061448	0.012360
PMDN	-0.009613	0.050948	1.000000	0.236304	-0.120297	0.171389
UMK	0.000334	0.232237	0.236304	1.000000	-0.334374	0.386071
RK	0.494967	-0.061448	-0.120297	-0.334374	1.000000	-0.653909
RLS	-0.665219	0.012360	0.171389	0.386071	-0.653909	1.000000

2. Model Regresi Model 35 Kabupaten/Kota Jawa Tengah Sektor Industri

1) Pemilihan Model Terbaik

- Uji Chow

Redundant Fixed Effects Tests
Equation: Untitled
Test cross-section fixed effects

Effects Test	Statistic	d.f.	Prob.
Cross-section F	12.636390	(34,308)	0.0000
Cross-section Chi-square	305.673347	34	0.0000

- Uji Hausman

Correlated Random Effects - Hausman Test
Equation: Untitled
Test cross-section random effects

Test Summary	Chi-Sq. Statistic	Chi-Sq. d.f.	Prob.
Cross-section random	54.872781	7	0.0000

2) Hasil Estimasi

Dependent Variable: LN_PKJ_IND
Method: Panel Least Squares
Date: 05/12/25 Time: 11:03
Sample: 2014 2023
Periods included: 10
Cross-sections included: 35
Total panel (balanced) observations: 350

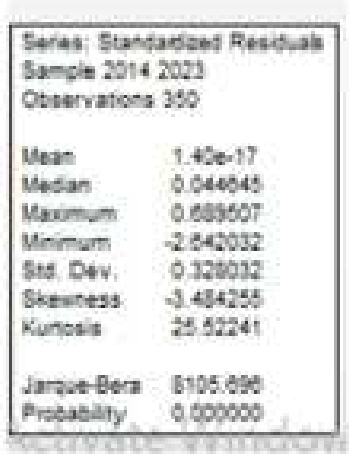
Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	1.462193	9.153352	0.159744	0.8732
LN_PDRB_IND	0.018355	0.086590	0.211979	0.8323
LN_PMA	-0.017766	0.007503	-2.367939	0.0185
LN_PMDN	0.001610	0.006960	0.231389	0.8172
LN_UMK	0.689362	0.190194	3.624522	0.0003
LN_JMLH_PDDK	0.082347	0.721972	0.114059	0.9093
RK	0.064069	0.014379	4.455830	0.0000
RLS	-0.566972	0.117104	-4.841593	0.0000

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.827180	Mean dependent var	11.20890
Adjusted R-squared	0.804174	S.D. dependent var	0.789076
S.E. of regression	0.349184	Akaike info criterion	0.845729
Sum squared resid	37.55419	Schwarz criterion	1.308681
Log likelihood	-106.0025	Hannan-Quinn criter.	1.030000
F-statistic	35.95601	Durbin-Watson stat	1.223710
Prob(F-statistic)	0.000000		

3) Uji Normalitas



4) Uji Heteroskedastisitas

Dependent Variable: RESID2
Method: Panel Least Squares
Date: 05/12/25 Time: 11:09
Sample: 2014 2023
Periods included: 10
Cross-sections included: 35
Total panel (balanced) observations: 350

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	19.96623	13.81162	1.445611	0.1493
LN_PDRB_IND	0.011050	0.130657	0.084575	0.9327
LN_PMA	0.010182	0.011321	0.899360	0.3692
LN_PMDN	-0.006968	0.010502	-0.663485	0.5075
LN_UMK	0.369010	0.286986	1.285813	0.1995
LN_JMLH_PDDK	-1.763141	1.089394	-1.618460	0.1066
RK	-0.028501	0.021696	-1.313619	0.1900
RLS	0.017250	0.176700	0.097624	0.9223

5) Uji Multikolinieritas

View | Proc | Object | Print | Name | Freeze | Sample | Sheet | Stats | Spec

Correlation

	LN_PDRB_I...	LN_PMA	LN_PMDN	LN_UMK	LN_JMLH_P...	RK	RLS
LN_PDRB_I...	1.000000	0.311505	0.412026	0.316729	0.557601	-0.035003	0.051593
LN_PMA	0.311505	1.000000	0.366714	0.464291	0.172018	-0.331910	0.168850
LN_PMDN	0.412026	0.366714	1.000000	0.539500	0.231365	-0.156761	0.195581
LN_UMK	0.316729	0.464291	0.539500	1.000000	0.084019	-0.315987	0.371689
LN_JMLH_P...	0.557601	0.172018	0.231365	0.084019	1.000000	0.442544	-0.533058
RK	-0.035003	-0.331910	-0.156761	-0.315987	0.442544	1.000000	-0.653909
RLS	0.051593	0.168850	0.195581	0.371689	-0.533058	-0.653909	1.000000

3. Model Regresi Model Jawa Tengah Bagian Utara 18 Kabupaten/Kota Jawa Tengah Sektor Pertanian

1) Pemilihan Model Terbaik

- Uji Chow

Redundant Fixed Effects Tests
Equation: Untitled
Test cross-section fixed effects

Effects Test	Statistic	d.f.	Prob.
Cross-section F	17.423227	(17,156)	0.0000
Cross-section Chi-square	191.566292	17	0.0000

- Uji Hausman

Correlated Random Effects - Hausman Test
Equation: Untitled
Test cross-section random effects

Test Summary	Chi-Sq. Statistic	Chi-Sq. d.f.	Prob.
Cross-section random	8.773548	6	0.1867

2) Hasil Estimasi

Dependent Variable: PKJ_PRT
Method: Panel Least Squares
Date: 05/12/25 Time: 13:47
Sample: 2014 2023
Periods included: 10
Cross-sections included: 18
Total panel (balanced) observations: 180

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	126553.7	134564.9	0.940466	0.3484
PDRB_PRT	-0.020905	0.006124	-3.413601	0.0008
PMA	-0.000677	0.002596	-0.260696	0.7947
PMDN	0.002555	0.002169	1.177944	0.2406
UMK	-0.026598	0.014717	-1.807352	0.0726
RK	3591.409	1805.153	1.989532	0.0484
RLS	-7862.020	14608.08	-0.538197	0.5912

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.891026	Mean dependent var	107348.0
Adjusted R-squared	0.874959	S.D. dependent var	88131.59
S.E. of regression	31164.34	Akaike info criterion	23.65550
Sum squared resid	1.52E+11	Schwarz criterion	24.08123
Log likelihood	-2104.995	Hannan-Quinn criter.	23.82812
F-statistic	55.45782	Durbin-Watson stat	1.032482
Prob(F-statistic)	0.000000		

3) Uji Normalitas

4) Uji Heteroskedastisitas

Dependent Variable: RESID2
Method: Panel Least Squares
Date: 05/12/25 Time: 14:00
Sample: 2014 2023
Periods included: 10
Cross-sections included: 18
Total panel (balanced) observations: 180

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-3.08E+09	1.01E+10	-0.304100	0.7615
PDRB_PRT	416.3400	460.3864	0.904327	0.3672
PMA	-4.956703	195.1235	-0.025403	0.9798
PMDN	-62.63865	163.0376	-0.384198	0.7014
RK	-62629196	1.36E+08	-0.461510	0.6451
RLS	6.68E+08	1.10E+09	0.608681	0.5436
UMK	105.3403	1106.353	0.095214	0.9243

Effects Specification

5) Uji Multikolinieritas

Correlation

	PDRB_PRT	PMA	PMDN	UMK	RK	RLS
PDRB_PRT	1.000000	0.045149	-0.108789	-0.064606	0.452234	-0.623854
PMA	0.045149	1.000000	0.063028	0.316041	-0.156923	0.072070
PMDN	-0.108789	0.063028	1.000000	0.426924	-0.272245	0.315953
UMK	-0.064606	0.316041	0.426924	1.000000	-0.430957	0.500832
RK	0.452234	-0.156923	-0.272245	-0.430957	1.000000	-0.789485
RLS	-0.623854	0.072070	0.315953	0.500832	-0.789485	1.000000

4. Model Regresi Model Jawa Tengah Bagian Selatan 17 Kabupaten/Kota Jawa Tengah Sektor Pertanian

1) Pemilihan Model Terbaik

- Uji Chow

Redundant Fixed Effects Tests
Equation: Untitled
Test cross-section fixed effects

Effects Test	Statistic	d.f.	Prob.
Cross-section F	10.151751	(16,147)	0.0000
Cross-section Chi-square	126.529791	16	0.0000

- Uji Hausman

Correlated Random Effects - Hausman Test
Equation: Untitled
Test cross-section random effects

Test Summary	Chi-Sq. Statistic	Chi-Sq. d.f.	Prob.
Cross-section random	8.773548	6	0.1867

2) Hasil Estimasi

Dependent Variable: PKJ_PRT
Method: Panel EGLS (Cross-section random effects)
Date: 05/12/25 Time: 12:08
Sample: 2014 2023
Periods included: 10
Cross-sections included: 17
Total panel (balanced) observations: 170
Swamy and Arora estimator of component variances

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	351305.2	99164.10	3.542665	0.0005
PDRB_PERT	-0.003344	0.004776	-0.700098	0.4849
PMA	-0.003911	0.001386	-2.822413	0.0054
PMDN	0.000708	0.001527	0.463751	0.6434
RK	3425.503	1350.165	2.537099	0.0121
RLS	-44890.46	7889.289	-5.690052	0.0000
UMK	-0.012736	0.011282	-1.128871	0.2606

Effects Specification	S.D.	Rho
Cross-section random	31127.18	0.5178
Idiosyncratic random	30037.30	0.4822

Weighted Statistics

R-squared	0.515077	Mean dependent var	39640.11
Adjusted R-squared	0.497227	S.D. dependent var	42720.75
S.E. of regression	30291.78	Sum squared resid	1.50E+11
F-statistic	28.85600	Durbin-Watson stat	1.261913
Prob(F-statistic)	0.000000		

Unweighted Statistics

R-squared	0.676791	Mean dependent var	135814.9
Sum squared resid	3.17E+11	Durbin-Watson stat	0.595973

3) Uji Normalitas

4) Uji Heteroskedastisitas

Dependent Variable: RESID2
Method: Panel EGLS (Cross-section random effects)
Date: 05/12/25 Time: 12:10
Sample: 2014 2023
Periods included: 10
Cross-sections included: 17
Total panel (balanced) observations: 170
Swamy and Arora estimator of component variances

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-2.71E+09	6.74E+09	-0.401853	0.6883
PDRB_PERT	239.9928	330.6966	0.725719	0.4691
PMA	-44.22712	106.2087	-0.416417	0.6777
PMDN	46.12307	115.6151	0.398936	0.6905
UMK	546.6653	808.1661	0.676427	0.4997
RK	73806667	95638960	0.771722	0.4414
RLS	-1.00E+08	5.09E+08	-0.197079	0.8440

Effects Specification

5) Uji Multikolinieritas

Correlation

	PDRB_PRT	PMA	PMDN	UMK	RK	RLS
PDRB_PRT	1.000000	0.148015	0.119710	0.136183	0.673857	-0.742193
PMA	0.148015	1.000000	0.046170	0.183729	0.016633	-0.009755
PMDN	0.119710	0.046170	1.000000	0.043959	-0.005401	0.059190
UMK	0.136183	0.183729	0.043959	1.000000	-0.166919	0.293962
RK	0.673857	0.016633	-0.005401	-0.166919	1.000000	-0.670970
RLS	-0.742193	-0.009755	0.059190	0.293962	-0.670970	1.000000

5. Model Regresi Model Jawa Tengah Bagian Selatan 17 Kabupaten/Kota Jawa Tengah Sektor Industri

1) Pemilihan Model Terbaik

- Uji Chow

Redundant Fixed Effects Tests
Equation: Untitled
Test cross-section fixed effects

Effects Test	Statistic	d.f.	Prob.
Cross-section F	16.662333	(16,146)	0.0000
Cross-section Chi-square	176.607136	16	0.0000

- Uji Hausman

Correlated Random Effects - Hausman Test
Equation: Untitled
Test cross-section random effects

Test Summary	Chi-Sq. Statistic	Chi-Sq. d.f.	Prob.
Cross-section random	57.056309	7	0.0000

2) Hasil Estimasi

Dependent Variable: LN_PKJ_IND
Method: Panel Least Squares
Date: 05/12/25 Time: 18:30
Sample: 2014 2023
Periods included: 10
Cross-sections included: 17
Total panel (balanced) observations: 170

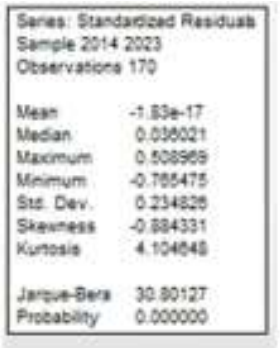
Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	12.53351	9.579102	1.308422	0.1928
LN_PDRB_IND	0.051382	0.069306	0.741381	0.4597
LN_PMA	-0.013765	0.007232	-1.903423	0.0590
LN_PMDN	-0.007979	0.006907	-1.155174	0.2499
LN_UMK	0.840629	0.207860	4.044216	0.0001
LN_JMLH_PDDK	-0.982239	0.760118	-1.292219	0.1983
RK	0.068096	0.013777	4.942776	0.0000
RLS	-0.493309	0.132943	-3.710690	0.0003

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.901760	Mean dependent var	11.15636
Adjusted R-squared	0.886284	S.D. dependent var	0.749207
S.E. of regression	0.252646	Akaike info criterion	0.216507
Sum squared resid	9.319192	Schwarz criterion	0.659208
Log likelihood	5.596863	Hannan-Quinn criter.	0.396150
F-statistic	58.26769	Durbin-Watson stat	1.519683
Prob(F-statistic)	0.000000		

3) Uji Normalitas



4) Uji Heteroskedastisitas

Dependent Variable: RESID2
Method: Panel Least Squares
Date: 05/12/25 Time: 18:27
Sample: 2014 2023
Periods included: 10
Cross-sections included: 17
Total panel (balanced) observations: 170

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-3.862356	3.654338	-1.056923	0.2923
LN_PDRB_IND	-0.015442	0.026440	-0.584036	0.5601
LN_PMA	0.000998	0.002759	0.361705	0.7181
LN_PMDN	-0.001818	0.002635	-0.689767	0.4914
LN_UMK	-0.109250	0.079297	-1.377746	0.1704
LN_JMLH_PDDK	0.365521	0.289978	1.260514	0.2095
RK	0.005628	0.005256	1.070911	0.2860
RLS	0.058497	0.050716	1.153419	0.2506

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.144882	Mean dependent var	0.054819
Adjusted R-squared	0.010171	S.D. dependent var	0.096876
S.E. of regression	0.096382	Akaike info criterion	-1.710830
Sum squared resid	1.356270	Schwarz criterion	-1.268129
Log likelihood	169.4206	Hannan-Quinn criter.	-1.531187
F-statistic	1.075506	Durbin-Watson stat	1.954559
Prob(F-statistic)	0.379179		

5) Uji Multikolinieritas

View | Proc | Object | Print | Name | Freeze | Sample | Sheet | Stats | Spec

Correlation

	LN_PDRB_I...	LN_PMA	LN_PMDN	LN_UMK	LN_JMLH_P...	RK	RLS
LN_PDRB_I...	1.000000	0.283773	0.448860	0.233038	0.645980	0.273195	-0.133559
LN_PMA	0.283773	1.000000	0.418735	0.364457	0.029720	-0.298145	0.245012
LN_PMDN	0.448860	0.418735	1.000000	0.552751	0.251362	-0.063918	0.160807
LN_UMK	0.233038	0.364457	0.552751	1.000000	0.100667	-0.169506	0.294871
LN_JMLH_P...	0.645980	0.029720	0.251362	0.100667	1.000000	0.557300	-0.610281
RK	0.273195	-0.298145	-0.063918	-0.169506	0.557300	1.000000	-0.670970
RLS	-0.133559	0.245012	0.160807	0.294871	-0.610281	-0.670970	1.000000

BIODATA PENULIS

Nama lengkap Himah Anafida Pratama. Penulis tinggal di Kota Tegal. Alamat email penulis, yakni: himah.pratama@mhs.unsoed.ac.id riwayat pendidikan penulis, yakni Madrasah Ibtidaiyah (MI) Mambaul Ulum Kota Tegal, Sekolah Menengah Pertama (SMP) 19 Kota Tegal dan Sekolah Menegah Atas (SMA) 5 Kota Tegal. Pada saat ini penulis sedang menempuh pendidikan Sarjana di Fakultas Ekonomi dan Bisnis Jenderal Soedirman jurusan Ilmu Ekonomi Studi Pembangunan prodi Ekonomi Pembangunan. Selama pendidikan Sarjana, peneliti mengikuti Lab Pengembangan Ilmu Ekonomi Studi Pembangunan dan Dewan Legislasi Mahasiswa selain itu, peneliti juga mengikuti beberapa kegiatan kepanitiaan mahasiswa seperti PEMIRA Himesbang 2022, ECOPRO 2022 dll.