

LAMPIRAN 1

Nama Kecamatan	Tahun	Produksi	Lahan	Panen	Kelompok	Hujan
Temon	2015	12750	1065	3180	177	318
	2016	12343.2	1045	3581	106	253
	2017	10728.9	932	3763.1	137	215
Wates	2015	8763	710	3543	196	304
	2016	8476.8	830	2163	180	189
	2017	8260.2	720	1361.1	112	278
Panjatan	2015	15763	1045	2440	126	319
	2016	10904.2	945	1790	136	242
	2017	9772.9	925	1621.7	105	188
Galur	2015	15749	1275	2114	160	354
	2016	13691.1	1109	2940	83	219
	2017	11830.4	1009	2449.3	58	164
Lendah	2015	8072	678	1751	109	309
	2016	7406.7	674	1455	126	225
	2017	6876.3	662	1023.7	170	162
Sentolo	2015	12754	1006	2859	146	319
	2016	13497	1166	2168	110	267
	2017	13605.5	1266	1841	84	192
Pengasih	2015	7713	646	1697	165	310
	2016	7656.9	653	1429	197	209
	2017	7565.7	647	1246.4	137	272
Kokap	2015	882	93	197	165	262
	2016	871	86	160	204	200
	2017	832.8	93	127.1	239	314
Girimulyo	2015	6182	586	628	186	327
	2016	5423.9	565	854	161	219
	2017	5801.2	536	789.2	180	258
Nanggulan	2015	18862	1595	3044	155	0
	2016	17625	1600	2672	169	0
	2017	18916	1650	3974.7	199	163
Kalibawang	2015	11833	1047	1685	171	329
	2016	8899.9	947	1159	120	257
	2017	11061.6	1047	1397.7	147	221
Samigaluh	2015	7215	638	1081	119	353
	2016	9498.1	765	2819	196	324
	2017	7855.4	741	1285.7	82	258

LAMPIRAN 2

HASIL UJI MULTIKOLINIERITAS

	LAHAN	PANEN	KELOMPOK	HUJAN
LAHAN	1.000000	0.730221	-0.296479	-0.435761
PANEN	0.730221	1.000000	-0.149020	-0.195763
KELOMPOK	-0.296479	-0.149020	1.000000	0.070108
HUJAN	-0.435761	-0.195763	0.070108	1.000000

LAMPIRAN 3

HASIL UJI HETEROSKEDASTISITAS

Heteroskedasticity Test: ARCH

F-statistic	1.810095	Prob. F(1,33)	0.1877
Obs*R-squared	1.819970	Prob. Chi-Square(1)	0.1773

Test Equation:

Dependent Variable: RESID^2

Method: Least Squares

Date: 11/24/18 Time: 16:39

Sample (adjusted): 2 36

Included observations: 35 after adjustments

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	676970.9	337740.3	2.004413	0.0533
RESID^2(-1)	0.227821	0.169334	1.345398	0.1877

R-squared	0.051999	Mean dependent var	891391.2
Adjusted R-squared	0.023272	S.D. dependent var	1782511.
S.E. of regression	1761648.	Akaike info criterion	31.65684
Sum squared resid	1.02E+14	Schwarz criterion	31.74572
Log likelihood	-551.9948	Hannan-Quinn criter.	31.68752
F-statistic	1.810095	Durbin-Watson stat	2.130071
Prob(F-statistic)	0.187669		

LAMPIRAN 4

UJI CHOW

Redundant Fixed Effects Tests

Pool: PANEL

Test cross-section fixed effects

Effects Test	Statistic	d.f.	Prob.
Cross-section F	1.609999	(11,20)	0.1709
Cross-section Chi-square	22.830942	11	0.0187

Cross-section fixed effects test equation:

Dependent Variable: PRODUKSI?

Method: Panel Least Squares

Date: 11/24/18 Time: 16:44

Sample: 2015 2017

Included observations: 3

Cross-sections included: 12

Total pool (balanced) observations: 36

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-1812.053	981.8046	-1.845635	0.0745
LAHAN?	11.29468	0.631155	17.89526	0.0000
PANEN?	0.481424	0.201101	2.393947	0.0229
KELOMPOK?	0.111644	3.548563	0.031462	0.9751
HUJAN?	4.276344	1.919034	2.228384	0.0332
R-squared	0.970865	Mean dependent var		9887.186
Adjusted R-squared	0.967106	S.D. dependent var		4510.010
S.E. of regression	817.9708	Akaike info criterion		16.37978
Sum squared resid	20741363	Schwarz criterion		16.59971
Log likelihood	-289.8360	Hannan-Quinn criter.		16.45654
F-statistic	258.2536	Durbin-Watson stat		1.205043
Prob(F-statistic)	0.000000			

LAMPIRAN 5

UJI HAUSMAN

Correlated Random Effects - Hausman Test

Pool: PANEL

Test cross-section random effects

Test Summary	Chi-Sq. Statistic	Chi-Sq. d.f.	Prob.
Cross-section random	7.629030	4	0.1062

Cross-section random effects test comparisons:

Variable	Fixed	Random	Var(Diff.)	Prob.
LAHAN?	12.440291	11.318411	4.995456	0.6157
PANEN?	0.671394	0.489311	0.065083	0.4754
KELOMPOK?	-1.710472	0.298826	14.770426	0.6011
HUJAN?	6.390374	4.560303	3.321702	0.3153

Cross-section random effects test equation:

Dependent Variable: PRODUKSI?

Method: Panel Least Squares

Date: 11/24/18 Time: 16:45

Sample: 2015 2017

Included observations: 3

Cross-sections included: 12

Total pool (balanced) observations: 36

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-3406.252	1981.203	-1.719285	0.1010
LAHAN?	12.44029	2.316446	5.370421	0.0000
PANEN?	0.671394	0.319983	2.098217	0.0488
KELOMPOK?	-1.710472	5.097523	-0.335550	0.7407
HUJAN?	6.390374	2.567391	2.489054	0.0217

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.984548	Mean dependent var	9887.186
Adjusted R-squared	0.972959	S.D. dependent var	4510.010
S.E. of regression	741.6353	Akaike info criterion	16.35669
Sum squared resid	11000460	Schwarz criterion	17.06048
Log likelihood	-278.4205	Hannan-Quinn criter.	16.60233
F-statistic	84.95479	Durbin-Watson stat	2.034926
Prob(F-statistic)	0.000000		

LAMPIRAN 6

MODEL COMMON EFFECT

Dependent Variable: PRODUKSI?
 Method: Pooled Least Squares
 Date: 11/24/18 Time: 16:43
 Sample: 2015 2017
 Included observations: 3
 Cross-sections included: 12
 Total pool (balanced) observations: 36

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-1812.053	981.8046	-1.845635	0.0745
LAHAN?	11.29468	0.631155	17.89526	0.0000
PANEN?	0.481424	0.201101	2.393947	0.0229
KELOMPOK?	0.111644	3.548563	0.031462	0.9751
HUJAN?	4.276344	1.919034	2.228384	0.0332
R-squared	0.970865	Mean dependent var		9887.186
Adjusted R-squared	0.967106	S.D. dependent var		4510.010
S.E. of regression	817.9708	Akaike info criterion		16.37978
Sum squared resid	20741363	Schwarz criterion		16.59971
Log likelihood	-289.8360	Hannan-Quinn criter.		16.45654
F-statistic	258.2536	Durbin-Watson stat		1.205043
Prob(F-statistic)	0.000000			

LAMPIRAN 7

MODEL FIXED EFFECT

Dependent Variable: PRODUKSI?
 Method: Pooled Least Squares
 Date: 11/24/18 Time: 16:44
 Sample: 2015 2017
 Included observations: 3
 Cross-sections included: 12
 Total pool (balanced) observations: 36

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-3406.252	1981.203	-1.719285	0.1010
LAHAN?	12.44029	2.316446	5.370421	0.0000
PANEN?	0.671394	0.319983	2.098217	0.0488
KELOMPOK?	-1.710472	5.097523	-0.335550	0.7407
HUJAN?	6.390374	2.567391	2.489054	0.0217
Fixed Effects (Cross)				
_TEMON--C	-1057.586			
_WATES--C	-411.1247			
_PANJATAN--C	769.3228			
_GALUR--C	15.60963			
_LENDAH--C	308.0862			
_SENTOLO--C	-565.2482			
_PENGASIH--C	602.8965			
_KOKAP--C	1725.604			
_GIRIMULYO--C	292.5918			
_NANGGULAN--C	-434.9269			
_KALIBAWANG--C	-1024.454			
_SAMIGALUH--C	-220.7715			
Effects Specification				
Cross-section fixed (dummy variables)				
R-squared	0.984548	Mean dependent var	9887.186	
Adjusted R-squared	0.972959	S.D. dependent var	4510.010	
S.E. of regression	741.6353	Akaike info criterion	16.35669	
Sum squared resid	11000460	Schwarz criterion	17.06048	
Log likelihood	-278.4205	Hannan-Quinn criter.	16.60233	
F-statistic	84.95479	Durbin-Watson stat	2.034926	
Prob(F-statistic)	0.000000			

LAMPIRAN 8

MODEL RANDOM EFFECT

Dependent Variable: PRODUKSI?
 Method: Pooled EGLS (Cross-section random effects)
 Date: 11/24/18 Time: 16:44
 Sample: 2015 2017
 Included observations: 3
 Cross-sections included: 12
 Total pool (balanced) observations: 36
 Swamy and Arora estimator of component variances

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-1944.428	908.3161	-2.140696	0.0403
LAHAN?	11.31841	0.608660	18.59564	0.0000
PANEN?	0.489311	0.193148	2.533345	0.0166
KELOMPOK?	0.298826	3.348778	0.089234	0.9295
HUJAN?	4.560303	1.808257	2.521933	0.0170
Random Effects (Cross)				
_TEMON--C	-103.5616			
_WATES--C	-86.54944			
_PANJATAN--C	183.1886			
_GALUR--C	99.97505			
_LENDAH--C	1.797280			
_SENTOLO--C	-14.76234			
_PENGASIH--C	53.68985			
_KOKAP--C	87.62410			
_GIRIMULYO--C	-49.98910			
_NANGGULAN--C	47.97038			
_KALIBAWANG--C	-169.6621			
_SAMIGALUH--C	-49.72076			
Effects Specification				
			S.D.	Rho
Cross-section random			207.4174	0.0725
Idiosyncratic random			741.6353	0.9275
Weighted Statistics				
R-squared	0.967400	Mean dependent var		8898.152
Adjusted R-squared	0.963194	S.D. dependent var		4085.711
S.E. of regression	783.8442	Sum squared resid		19046762
F-statistic	229.9799	Durbin-Watson stat		1.289094
Prob(F-statistic)	0.000000			
Unweighted Statistics				
R-squared	0.970837	Mean dependent var		9887.186
Sum squared resid	20761108	Durbin-Watson stat		1.182647