

SUPLEMENT FILE MODEL ESTIMATION

Rice Consumption Pattern of Rural Households in East OKU and South OKU Regencies South Sumatra Province Indonesia

1. MODEL RICE CONSUMPTION EAST OKU REGENCY

Dependent Variable: LNQDB
Method: Least Squares
Date: 12/12/18 Time: 07:36
Sample: 1 100
Included observations: 100

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-9.433077	3.650501	-2.584050	0.0122
LNPBERAS	1.271834	0.395196	3.218236	0.0021
LNPGANDUM	0.248901	0.106546	2.336100	0.0228
LNYP	0.507758	0.066185	7.671748	0.0000
LNPOP	0.658772	0.098903	6.660809	0.0000
LNTW	0.032922	0.081907	0.401944	0.6891
LNASSET	-0.035863	0.038954	-0.920650	0.3609
R-squared	0.719738	Mean dependent var		12.35815
Adjusted R-squared	0.692171	S.D. dependent var		0.563710
S.E. of regression	0.312759	Akaike info criterion		0.610483
Sum squared resid	5.966921	Schwarz criterion		0.838962
Log likelihood	-13.75642	Hannan-Quinn criter.		0.701013
F-statistic	26.10888	Durbin-Watson stat		1.367362
Prob(F-statistic)	0.000000			

CLASSICAL ASUMPTION TEST

AUTOCORRELATION

Breusch-Godfrey Serial Correlation LM Test:

F-statistic	2.537784	Prob. F(1,60)	0.1164
Obs*R-squared	2.759441	Prob. Chi-Square(1)	0.0967

HETEROCEDASTICITY

Heteroskedasticity Test: Breusch-Pagan-Godfrey

F-statistic	0.323522	Prob. F(6,61)	0.9222
Obs*R-squared	2.097151	Prob. Chi-Square(6)	0.9106
Scaled explained SS	1.910623	Prob. Chi-Square(6)	0.9277

MULTICOLINEARITY

Variance Inflation Factors

Date: 12/12/18 Time: 09:21

Sample: 1 100

Included observations: 100

Variable	Coefficient Variance	Uncentered VIF	Centered VIF
C	13.32616	9263.891	NA
LNPBERAS	0.156180	9190.945	1.098053
LNPGANDUM	0.011352	624.8929	1.043927
LNYP	0.004381	669.3625	1.386530
LNPOP	0.009782	12.80468	1.048833
LNTW	0.006709	134.0414	1.078186
LNASSET	0.001517	386.3305	1.353710

2. MODEL RICE CONSUMPTION SOUTH OKU REGENCY

Dependent Variable: LNQDB

Method: Least Squares

Date: 12/12/18 Time: 16:49

Sample: 1 100

Included observations: 100

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-2.556496	5.561125	-0.459708	0.6468
LNPB	0.774763	0.602497	1.285920	0.2017
LNPGANDUM	0.023266	0.011436	2.034434	0.0448
LNYP	0.238686	0.069256	3.446451	0.0009
LNTW	0.389925	0.157145	2.481314	0.0149
LNPOP	0.454047	0.096063	4.726570	0.0000
LNASSET	0.074276	0.043371	1.712565	0.0901
R-squared	0.416266	Mean dependent var		12.34963
Adjusted R-squared	0.378605	S.D. dependent var		0.577352
S.E. of regression	0.455119	Akaike info criterion		1.330912
Sum squared resid	19.26337	Schwarz criterion		1.513274
Log likelihood	-59.54562	Hannan-Quinn criter.		1.404717
F-statistic	11.05317	Durbin-Watson stat		2.170254
Prob(F-statistic)	0.000000			

CLASSICAL ASUMPTION TEST

AUTOCORRELATION

Breusch-Godfrey Serial Correlation LM Test:

F-statistic	0.529574	Prob. F(2,91)	0.5907
Obs*R-squared	1.150509	Prob. Chi-Square(2)	0.5626

HETEROCEDASTICITY

Heteroskedasticity Test: Breusch-Pagan-Godfrey

F-statistic	1.234546	Prob. F(6,93)	0.2959
Obs*R-squared	7.377228	Prob. Chi-Square(6)	0.2874
Scaled explained SS	10.09310	Prob. Chi-Square(6)	0.1208

MULTICOLINEARITY

Variance Inflation Factors

Date: 12/11/19 Time: 21:12

Sample: 1 100

Included observations: 100

Variable	Coefficient Variance	Uncentered VIF	Centered VIF
C	30.92612	14930.56	NA
LNPB	0.363003	14875.69	1.130803
LNPGANDUM	0.000131	3.912726	1.183816
LNYP	0.004796	520.3825	1.113157
LNTW	0.024694	339.3771	1.102189
LNPOP	0.009228	7.804931	1.169340
LNASSET	0.001881	328.3693	1.126721
