

## Lampiran 2

### Common Effect

Dependent Variable: LOG(SHU?)  
 Method: Pooled Least Squares  
 Date: 06/16/16 Time: 14:21  
 Sample: 2009 2014  
 Included observations: 6  
 Cross-sections included: 10  
 Total pool (balanced) observations: 60

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	1.462072	1.355954	1.078261	0.2855
LOG(VOLUME?)	0.268472	0.127537	2.105049	0.0398
LOG(MDLR?)	0.042342	0.125315	0.337881	0.7367
LOG(MDSR?)	0.461395	0.116417	3.963307	0.0002
R-squared	0.664611	Mean dependent var		15.10399
Adjusted R-squared	0.646644	S.D. dependent var		0.770921
S.E. of regression	0.458264	Akaike info criterion		1.341599
Sum squared resid	11.76035	Schwarz criterion		1.481222
Log likelihood	-36.24797	Hannan-Quinn criter.		1.396213
F-statistic	36.99016	Durbin-Watson stat		0.636241
Prob(F-statistic)	0.000000			

### Lampiran 3

### Fixed Effect

Dependent Variable: LOG(SHU?)  
 Method: Pooled Least Squares  
 Date: 06/16/16 Time: 14:22  
 Sample: 2009 2014  
 Included observations: 6  
 Cross-sections included: 10  
 Total pool (balanced) observations: 60

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-5.674191	2.433861	-2.331354	0.0241
LOG(VOLUME?)	0.385515	0.093508	4.122786	0.0002
LOG(MDLR?)	0.361746	0.152210	2.376631	0.0216
LOG(MDSR?)	0.429221	0.109947	3.903905	0.0003
Fixed Effects (Cross)				
_LOMBOK_BARAT--C	-0.026390			
_LOMBOK_TENGAH--C	-0.622813			
_LOMBOK_TIMUR--C	-0.716981			
_SUMBAWA--C	0.097505			
_DOMPU--C	0.088777			
_BIMA--C	0.413926			
_SUMBAWA_BARAT--C	0.471009			
_LOMBOK_UTARA--C	-0.101213			
_KOTA_MATARAM--C	-0.498633			
_KOTA_BIMA--C	0.894813			

#### Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.894457	Mean dependent var	15.10399
Adjusted R-squared	0.867510	S.D. dependent var	0.770921
S.E. of regression	0.280609	Akaike info criterion	0.485430
Sum squared resid	3.700855	Schwarz criterion	0.939204
Log likelihood	-1.562889	Hannan-Quinn criter.	0.662926
F-statistic	33.19294	Durbin-Watson stat	2.075843
Prob(F-statistic)	0.000000		

## Lampiran 4

### Random Effect

Dependent Variable: LOG(SHU?)  
 Method: Pooled EGLS (Cross-section random effects)  
 Date: 06/16/16 Time: 14:22  
 Sample: 2009 2014  
 Included observations: 6  
 Cross-sections included: 10  
 Total pool (balanced) observations: 60  
 Swamy and Arora estimator of component variances

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-2.898234	1.972259	-1.469500	0.1473
LOG(VOLUME?)	0.362189	0.091855	3.943042	0.0002
LOG(MDLR?)	0.223694	0.131657	1.699064	0.0949
LOG(MDSR?)	0.432435	0.105092	4.114802	0.0001
Random Effects (Cross)				
_LOMBOK_BARAT--C	0.041053			
_LOMBOK_TENGAH--C	-0.612179			
_LOMBOK_TIMUR--C	-0.512611			
_SUMBAWA--C	0.119434			
_DOMPU--C	0.040362			
_BIMA--C	0.428930			
_SUMBAWA_BARAT--C	0.277260			
_LOMBOK_UTARA--C	-0.173456			
_KOTA_MATARAM--C	-0.287650			
_KOTA_BIMA--C	0.678857			

Effects Specification		S.D.	Rho
Cross-section random		0.429775	0.7011
Idiosyncratic random		0.280609	0.2989

Weighted Statistics			
R-squared	0.663692	Mean dependent var	3.890205
Adjusted R-squared	0.645675	S.D. dependent var	0.475433
S.E. of regression	0.283002	Sum squared resid	4.485058
F-statistic	36.83801	Durbin-Watson stat	1.668898
Prob(F-statistic)	0.000000		

Unweighted Statistics			
R-squared	0.599087	Mean dependent var	15.10399
Sum squared resid	14.05796	Durbin-Watson stat	0.532446

## Lampiran 5

### Uji Chow

Redundant Fixed Effects Tests

Pool: PANEL

Test cross-section fixed effects

Effects Test	Statistic	d.f.	Prob.
Cross-section F	11.372629	(9,47)	0.0000
Cross-section Chi-square	69.370169	9	0.0000

Cross-section fixed effects test equation:

Dependent Variable: LOG(SHU?)

Method: Panel Least Squares

Date: 06/16/16 Time: 14:24

Sample: 2009 2014

Included observations: 6

Cross-sections included: 10

Total pool (balanced) observations: 60

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	1.462072	1.355954	1.078261	0.2855
LOG(VOLUME?)	0.268472	0.127537	2.105049	0.0398
LOG(MDLR?)	0.042342	0.125315	0.337881	0.7367
LOG(MDSR?)	0.461395	0.116417	3.963307	0.0002
R-squared	0.664611	Mean dependent var		15.10399
Adjusted R-squared	0.646644	S.D. dependent var		0.770921
S.E. of regression	0.458264	Akaike info criterion		1.341599
Sum squared resid	11.76035	Schwarz criterion		1.481222
Log likelihood	-36.24797	Hannan-Quinn criter.		1.396213
F-statistic	36.99016	Durbin-Watson stat		0.636241
Prob(F-statistic)	0.000000			

## Lampiran 6

### 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	3.959203	3	0.2659

Cross-section random effects test comparisons:

Variable	Fixed	Random	Var(Diff.)	Prob.
LOG(VOLUME?)	0.385515	0.362189	0.000306	0.1827
LOG(MDLR?)	0.361746	0.223694	0.005834	0.0707
LOG(MDSR?)	0.429221	0.432435	0.001044	0.9208

Cross-section random effects test equation:

Dependent Variable: LOG(SHU?)

Method: Panel Least Squares

Date: 06/16/16 Time: 14:25

Sample: 2009 2014

Included observations: 6

Cross-sections included: 10

Total pool (balanced) observations: 60

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-5.674191	2.433861	-2.331354	0.0241
LOG(VOLUME?)	0.385515	0.093508	4.122786	0.0002
LOG(MDLR?)	0.361746	0.152210	2.376631	0.0216
LOG(MDSR?)	0.429221	0.109947	3.903905	0.0003

#### Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.894457	Mean dependent var	15.10399
Adjusted R-squared	0.867510	S.D. dependent var	0.770921
S.E. of regression	0.280609	Akaike info criterion	0.485430
Sum squared resid	3.700855	Schwarz criterion	0.939204
Log likelihood	-1.562889	Hannan-Quinn criter.	0.662926
F-statistic	33.19294	Durbin-Watson stat	2.075843
Prob(F-statistic)	0.000000		

## Lampiran 7

### Uji Heteroskedastisitas

Dependent Variable: RESID^2  
 Method: Panel Least Squares  
 Date: 06/16/16 Time: 14:30  
 Sample: 2009 2014  
 Periods included: 6  
 Cross-sections included: 10  
 Total panel (balanced) observations: 60

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-1.50E+12	4.32E+12	-0.347462	0.7298
VOLUME	-3768.780	20141.91	-0.187111	0.8524
MDLR	4429.450	63081.12	0.070218	0.9443
MDSR	67630.81	70954.71	0.953155	0.3454

#### Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.239437	Mean dependent var	1.58E+12
Adjusted R-squared	0.045251	S.D. dependent var	7.21E+12
S.E. of regression	7.04E+12	Akaike info criterion	62.19336
Sum squared resid	2.33E+27	Schwarz criterion	62.64713
Log likelihood	-1852.801	Hannan-Quinn criter.	62.37085
F-statistic	1.233030	Durbin-Watson stat	1.592448
Prob(F-statistic)	0.289967		

## Lampiran 8

### Uji Multikolinearitas

	SHU	VOLUME	MDLR	MDSR
SHU	1.000000	0.551299	0.464396	0.677126
VOLUME	0.551299	1.000000	0.707637	0.772736
MDLR	0.464396	0.707637	1.000000	0.735348
MDSR	0.677126	0.772736	0.735348	1.000000