

**Lampiran I****Data Harga Internasional Tembakau, Nilai Tukar, GDP, Produksi Tembakau, Volume Impor Tembakau Indonesia**

Tahun	Harga Internasional (USD) (X <sub>1</sub> )	Nilai Tukar (Rp) (X <sub>2</sub> )	GDP (Billion USD) (X <sub>3</sub> )	Produksi Tembakau (Ton) (X <sub>4</sub> )	Volume Impor Tembakau (Ton) (Y)
2008	3589,00	10950	510.229	168.037	77.302
2009	4236,00	9400	539.580	176.510	53.199
2010	4334,00	8991	755.094	135.678	65.685
2011	4486,00	9068	892.969	214.524	106.570
2012	4303,00	9670	917.970	260.818	137.426
2013	4589,00	12189	912.524	164.448	121.218
2014	4991,00	12440	890.815	198.301	95.732
2015	4909,00	13795	860.854	193.790	75.353
2016	4807,00	13436	931.877	126.728	81.502
2017	4680,00	13548	1.015.000	181.728	119.545
2018	4863,00	15192	1.042.000	195.482	121.390

## Lampiran II

### Hasil Regresi Linear Berganda

Dependent Variable: LOG(Y)

Method: Least Squares

Date: 01/19/21 Time: 14:51

Sample: 2008 2018

Included observations: 11

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	3.661981	4.667019	0.784651	0.4625
LOG(X1)	-3.116878	0.758190	-4.110946	0.0063
LOG(X2)	0.536498	0.297420	1.803843	0.1213
LOG(X3)	1.775095	0.282092	6.292620	0.0008
LOG(X4)	0.399297	0.182789	2.184476	0.0716
R-squared	0.895474	Mean dependent var	11.43168	
Adjusted R-squared	0.825790	S.D. dependent var	0.300675	
S.E. of regression	0.125497	Akaike info criterion	-1.010112	
Sum squared resid	0.094497	Schwarz criterion	-0.829250	
Log likelihood	10.55562	Hannan-Quinn criter.	-1.124120	
F-statistic	12.85053	Durbin-Watson stat	1.985500	
Prob(F-statistic)	0.004210			

### Lampiran III

#### Hasil Uji Multikolinearitas

Variance Inflation Factors

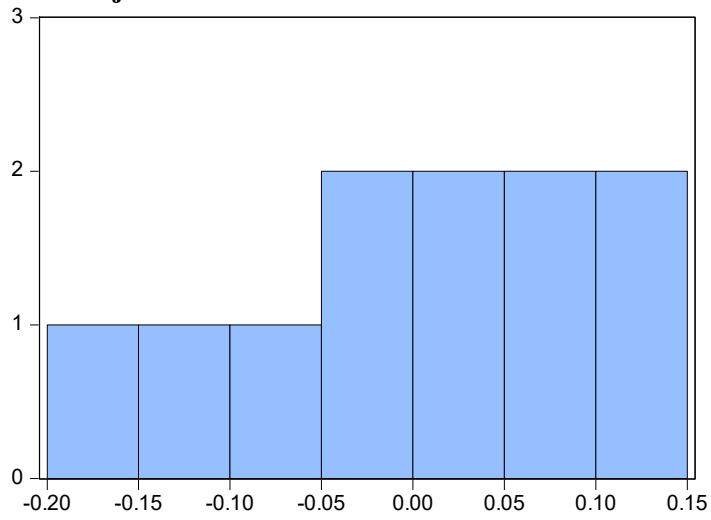
Date: 01/19/21 Time: 14:56

Sample: 2008 2018

Included observations: 11

Variable	Coefficient Variance	Uncentered VIF	Centered VIF
C	21.78106	15212.62	NA
LOG(X1)	0.574852	28425.42	3.241098
LOG(X2)	0.088458	5404.251	2.029692
LOG(X3)	0.079576	10314.19	2.863933
LOG(X4)	0.033412	3372.401	1.376332

**Lampiran IV**  
**Hasil Uji Normalitas**



Series: Residuals	
Sample 2008 2018	
Observations 11	
Mean	-2.99e-15
Median	0.009933
Maximum	0.118482
Minimum	-0.175314
Std. Dev.	0.097210
Skewness	-0.475480
Kurtosis	2.002780
Jarque-Bera	0.870271
Probability	0.647177

**Lampiran V**  
**Hasil Uji Autokorelasi**

Breusch-Godfrey Serial Correlation LM Test:

F-statistic	1.387858	Prob. F(2,4)	0.3485
Obs*R-squared	4.506221	Prob. Chi-Square(2)	0.1051

Test Equation:

Dependent Variable: RESID

Method: Least Squares

Date: 01/19/21 Time: 14:57

Sample: 2008 2018

Included observations: 11

Presample missing value lagged residuals set to zero.

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-3.318205	5.035275	-0.658992	0.5459
LOG(X1)	0.710514	0.854246	0.831743	0.4523
LOG(X2)	-0.003677	0.282020	-0.013038	0.9902
LOG(X3)	-0.295453	0.331650	-0.890859	0.4233
LOG(X4)	0.115496	0.194111	0.594996	0.5839
RESID(-1)	-0.313055	0.476020	-0.657651	0.5467
RESID(-2)	-0.833405	0.500517	-1.665088	0.1712
R-squared	0.409656	Mean dependent var	-2.99E-15	
Adjusted R-squared	-0.475859	S.D. dependent var	0.097210	
S.E. of regression	0.118095	Akaike info criterion	-1.173526	
Sum squared resid	0.055786	Schwarz criterion	-0.920320	
Log likelihood	13.45439	Hannan-Quinn criter.	-1.333137	
F-statistic	0.462619	Durbin-Watson stat	2.360849	
Prob(F-statistic)	0.809497			

## Lampiran VI

### Hasil Uji Heteroskedastisitas

Heteroskedasticity Test: Breusch-Pagan-Godfrey

F-statistic	1.713915	Prob. F(4,6)	0.2643
Obs*R-squared	5.866075	Prob. Chi-Square(4)	0.2094
Scaled explained SS	0.875065	Prob. Chi-Square(4)	0.9281

Test Equation:

Dependent Variable: RESID^2

Method: Least Squares

Date: 01/19/21 Time: 14:58

Sample: 2008 2018

Included observations: 11

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-0.607011	0.295927	-2.051221	0.0861
LOG(X1)	0.096011	0.048075	1.997097	0.0928
LOG(X2)	0.015962	0.018859	0.846383	0.4298
LOG(X3)	-0.031036	0.017887	-1.735154	0.1334
LOG(X4)	0.006762	0.011590	0.583452	0.5808

R-squared	0.533280	Mean dependent var	0.008591
Adjusted R-squared	0.222133	S.D. dependent var	0.009022
S.E. of regression	0.007958	Akaike info criterion	-6.526441
Sum squared resid	0.000380	Schwarz criterion	-6.345579
Log likelihood	40.89542	Hannan-Quinn criter.	-6.640448
F-statistic	1.713915	Durbin-Watson stat	2.713116
Prob(F-statistic)	0.264312		