

## LAMPIRAN

### Lampiran 1

Data variabel Produksi, Kurs, Harga Kakao Internasional, dan Ekspor Kakao Indonesia dalam kurun waktu 38 tahun.

No	Tahun	Produksi (Ton)	Kurs (Rp/US\$)	Harga (Kg/US\$)	Ekspor (Ton)
1	1980	10284	626,99	2,60	4680
2	1981	13137	631,75	2,08	6814
3	1982	17260	661,42	1,74	11395
4	1983	19640	909,26	2,12	25228
5	1984	26502	1025,94	2,40	25163
6	1985	33.798	1110,58	2,25	31.429
7	1986	34.327	1282,56	2,07	35.014
8	1987	50.199	1643,84	1,99	40.911
9	1988	79.335	1685,70	1,58	61.274
10	1989	110.509	1770,05	1,24	75.851
11	1990	142.347	1842,81	1,27	119.725
12	1991	174.899	1950,31	1,2	145.217
13	1992	207.147	2029,92	1,1	176.001
14	1993	258.059	2087,10	1,12	228.799
15	1994	269.981	2160,75	1,4	231.168
16	1995	304.866	2248,60	1,43	233.593
17	1996	373.999	2342,29	1,46	322.858
18	1997	330.219	2909,38	1,62	265.949
19	1998	448.927	10013,62	1,68	334.807
20	1999	367.475	7855,15	1,14	419.874
21	2000	421.142	8421,77	0,91	424.089
22	2001	536.804	10260,85	1,07	392.072
23	2002	571.155	9311,19	1,78	465.622
24	2003	698.816	8577,13	1,75	355.726
25	2004	691.704	8938,85	1,55	366.855
26	2005	748.828	9704,74	1,54	463.632
27	2006	769.386	9159,31	1,59	609.035
28	2007	740.006	9141	1,95	503.522
29	2008	803.594	9698,96	2,58	515.523
30	2009	809.583	10389,93	2,89	535.236
31	2010	837.918	9090,43	3,13	552.880
32	2011	712.231	8770,43	2,98	410.257
33	2012	740.513	9386,62	2,39	387.790

34	2013	720.862	10461,24	2,44	414.092
35	2014	728.414	11865,21	3,06	333.679
36	2015	593.331	13389,41	3,14	355.321
37	2016	658.399	13308,32	2,89	330.029
38	2017	657.050	13380,83	2,03	354.880

## Lampiran 2

### Hasil Regresi Unit Root Test Tingkat Level

- Variabel Ekspor Kakao Indonesia

Null Hypothesis: EKS has a unit root

Exogenous: Constant

Lag Length: 0 (Automatic - based on SIC, maxlag=9)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-1.510554	0.5173
Test critical values:		
1% level	-3.621023	
5% level	-2.943427	
10% level	-2.610263	

\*MacKinnon (1996) one-sided p-values.

- Variabel Produksi

Null Hypothesis: PRD has a unit root

Exogenous: Constant

Lag Length: 1 (Automatic - based on SIC, maxlag=9)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-1.195260	0.6659
Test critical values:		
1% level	-3.626784	
5% level	-2.945842	
10% level	-2.611531	

\*MacKinnon (1996) one-sided p-values.

- Variabel Kurs

Null Hypothesis: KRS has a unit root

Exogenous: Constant

Lag Length: 0 (Automatic - based on SIC, maxlag=9)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-0.575430	0.8641
Test critical values:		
1% level	-3.621023	
5% level	-2.943427	
10% level	-2.610263	

\*MacKinnon (1996) one-sided p-values.

- Variabel Harga Kakao Internasional

Null Hypothesis: HRG has a unit root  
 Exogenous: Constant  
 Lag Length: 2 (Automatic - based on SIC, maxlag=9)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-1.298833	0.6191
Test critical values:		
1% level	-3.632900	
5% level	-2.948404	
10% level	-2.612874	

\*MacKinnon (1996) one-sided p-values.

## Lampiran 2

### Hasil Regresi Unit Root Test Tingkat 1<sup>st</sup> Difference

- Variabel Ekspor Kakao Indonesia

Null Hypothesis: D(EKS) has a unit root  
 Exogenous: Constant  
 Lag Length: 0 (Automatic - based on SIC, maxlag=9)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-6.825491	0.0000
Test critical values:		
1% level	-3.626784	
5% level	-2.945842	
10% level	-2.611531	

\*MacKinnon (1996) one-sided p-values.

- Variabel Produksi

Null Hypothesis: D(PRD) has a unit root  
 Exogenous: Constant  
 Lag Length: 0 (Automatic - based on SIC, maxlag=9)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-7.712275	0.0000
Test critical values:		
1% level	-3.626784	
5% level	-2.945842	
10% level	-2.611531	

\*MacKinnon (1996) one-sided p-values.

- Variabel Kurs

Null Hypothesis: D(KRS) has a unit root  
 Exogenous: Constant  
 Lag Length: 0 (Automatic - based on SIC, maxlag=9)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-7.158924	0.0000
Test critical values:		
1% level	-3.626784	
5% level	-2.945842	
10% level	-2.611531	

\*MacKinnon (1996) one-sided p-values.

- Variabel Harga Kakao Internasional

Null Hypothesis: D(HRG) has a unit root  
 Exogenous: Constant  
 Lag Length: 1 (Automatic - based on SIC, maxlag=9)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-5.321892	0.0001
Test critical values:		
1% level	-3.632900	
5% level	-2.948404	
10% level	-2.612874	

\*MacKinnon (1996) one-sided p-values.

### Lampiran 3

#### Hasil Regresi Jangka Panjang

Dependent Variable: EKS  
 Method: Least Squares  
 Date: 07/26/19 Time: 09:53  
 Sample: 1980 2017  
 Included observations: 38

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	130436.8	28664.83	4.550412	0.0001
PRD	0.633846	0.070407	9.002624	0.0000
KRS	-0.561861	4.715729	-0.119146	0.9059
HRG	-57691.99	15174.23	-3.801972	0.0006
R-squared	0.915966	Mean dependent var		278052.4
Adjusted R-squared	0.908551	S.D. dependent var		182957.7
S.E. of regression	55327.32	Akaike info criterion		24.77922
Sum squared resid	1.04E+11	Schwarz criterion		24.95160
Log likelihood	-466.8052	Hannan-Quinn criter.		24.84055
F-statistic	123.5327	Durbin-Watson stat		1.323472
Prob(F-statistic)	0.000000			

#### Hasil Regresi Jangka Pendek

Dependent Variable: D(EKS)  
 Method: Least Squares  
 Date: 07/26/19 Time: 09:57  
 Sample (adjusted): 1981 2017  
 Included observations: 37 after adjustments

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	5877.219	8464.401	0.694346	0.4925
D(PRD)	0.324369	0.156642	2.070766	0.0465
D(KRS)	-3.100206	6.283887	-0.493358	0.6251
D(HRG)	-9833.783	23727.11	-0.414454	0.6813
RES(-1)	-0.639746	0.156191	-4.095924	0.0003
R-squared	0.371499	Mean dependent var	9464.865	
Adjusted R-squared	0.292936	S.D. dependent var	57249.58	
S.E. of regression	48139.51	Akaike info criterion	24.52668	
Sum squared resid	7.42E+10	Schwarz criterion	24.74437	
Log likelihood	-448.7436	Hannan-Quinn criter.	24.60343	
F-statistic	4.728693	Durbin-Watson stat	1.789021	
Prob(F-statistic)	0.004116			

