

LAMPIRAN I

DATA PERGERAKAN BI RATE, INFLASI, OER, FDR DAN ROA PERIODE

JANUARI 2014 S/D DESEMBER 2017

Tahun	Bulan	BI Rate (%)	Inflasi (%)	OER (%)	FDR (%)	ROA (%)
2014	Januari	7,50	8,22	83,45	52,20	0,09
	Februari	7,50	7,75	82,89	56,93	0,15
	Maret	7,50	7,32	76,56	71,88	0,33
	April	7,50	7,25	70,58	82,27	0,41
	Mei	7,50	7,32	67,95	109,27	0,52
	Juni	7,50	6,70	65,27	109,65	0,72
	Juli	7,50	4,53	62,79	110,39	0,87
	Agustus	7,50	3,99	63,55	116,90	1,01
	September	7,50	4,53	64,87	92,08	1,16
	Oktober	7,50	4,83	64,68	82,54	1,30
	November	7,75	6,23	64,74	82,90	1,41
	Desember	7,75	8,36	61,77	81,70	1,48
2015	Januari	7,75	6,96	46,31	83,87	0,17
	Februari	7,50	6,29	84,16	82,71	0,28
	Maret	7,50	6,38	90,23	93,52	0,38
	April	7,50	6,79	91,32	97,08	0,45
	Mei	7,50	7,15	91,87	97,48	0,51
	Juni	7,50	7,26	90,93	97,58	0,58
	Juli	7,50	7,26	90,85	94,96	0,67
	Agustus	7,50	7,18	91,16	97,83	0,73
	September	7,50	6,83	91,16	96,10	0,80
	Oktober	7,50	6,25	91,28	95,19	0,85
	November	7,50	4,89	89,44	97,60	0,97
	Desember	7,50	3,35	89,66	96,43	1,04
2016	Januari	7,25	4,14	99,18	93,54	0,01
	Februari	7,00	4,42	99,19	93,15	0,01
	Maret	6,75	4,45	98,14	94,03	0,05
	April	6,75	3,60	98,51	95,78	0,05
	Mei	6,75	3,33	97,46	107,77	0,11
	Juni	6,50	3,45	96,51	89,60	0,17
	Juli	6,50	3,21	96,25	92,45	0,24
	Agustus	5,25	2,79	96,38	92,26	0,25
	September	5,00	3,07	95,91	89,14	0,28
	Oktober	4,75	3,31	96,12	93,09	0,31

	November	4,75	3,58	96,11	95,02	0,34
	Desember	4,75	3,02	95,57	91,93	0,37
2017	Januari	4,75	3,49	93,21	92,63	0,05
	Februari	4,75	3,83	92,34	91,72	0,12
	Maret	4,75	3,61	91,99	90,34	0,19
	April	4,75	4,17	93,49	90,46	0,19
	Mei	4,75	4,33	94,79	92,57	0,20
	Juni	4,75	4,37	95,26	92,48	0,20
	Juli	4,75	3,88	95,49	92,79	0,23
	Agustus	4,50	3,82	95,98	92,57	0,24
	September	4,25	3,72	96,89	94,25	0,22
	Oktober	4,25	3,58	180,08	94,87	-6,40
	November	4,25	3,30	176,88	91,96	-6,61
	Desember	4,25	3,61	199,20	86,88	-9,27

LAMPIRAN II

UJI STASIONER

Null Hypothesis: Unit root (individual unit root process)
 Series: ROA, BI_RATE, INFLASI, BOPO, FDR
 Date: 06/21/18 Time: 11:53
 Sample: 2014M01 2017M12
 Exogenous variables: Individual effects
 Automatic selection of maximum lags
 Automatic lag length selection based on SIC: 0 to 1
 Total number of observations: 229
 Cross-sections included: 5

Method	Statistic	Prob.**
ADF - Fisher Chi-square	98.9722	0.0000
ADF - Choi Z-stat	-8.37312	0.0000

** Probabilities for Fisher tests are computed using an asymptotic Chi-square distribution. All other tests assume asymptotic normality.

Intermediate ADF test results D(UNTITLED)

Series	Prob.	Lag	Max Lag	Obs
D(ROA)	0.0464	1	9	45
D(BI_RATE)	0.0000	0	9	46
D(INFLASI)	0.0001	0	9	46
D(BOPO)	0.0000	0	9	46
D(FDR)	0.0000	0	9	46

LAMPIRAN III

UJI KOINTEGRASI JOHANSEN

Date: 06/21/18 Time: 11:39
 Sample (adjusted): 2014M06 2017M12
 Included observations: 43 after adjustments
 Trend assumption: Linear deterministic trend
 Series: ROA BI_RATE INFLASI BOPO FDR
 Lags interval (in first differences): 1 to 4

Unrestricted Cointegration Rank Test (Trace)

Hypothesized No. of CE(s)	Eigenvalue	Trace Statistic	0.05 Critical Value	Prob.**
None *	0.776479	120.1712	69.81889	0.0000
At most 1 *	0.495247	55.74649	47.85613	0.0076
At most 2	0.344488	26.34799	29.79707	0.1186
At most 3	0.162078	8.187414	15.49471	0.4456
At most 4	0.013483	0.583719	3.841466	0.4449

Trace test indicates 2 cointegrating eqn(s) at the 0.05 level

* denotes rejection of the hypothesis at the 0.05 level

**MacKinnon-Haug-Michelis (1999) p-values

Unrestricted Cointegration Rank Test (Maximum Eigenvalue)

Hypothesized No. of CE(s)	Eigenvalue	Max-Eigen Statistic	0.05 Critical Value	Prob.**
None *	0.776479	64.42473	33.87687	0.0000
At most 1 *	0.495247	29.39850	27.58434	0.0289
At most 2	0.344488	18.16058	21.13162	0.1240
At most 3	0.162078	7.603696	14.26460	0.4204
At most 4	0.013483	0.583719	3.841466	0.4449

Max-eigenvalue test indicates 2 cointegrating eqn(s) at the 0.05 level

* denotes rejection of the hypothesis at the 0.05 level

**MacKinnon-Haug-Michelis (1999) p-values

Unrestricted Cointegrating Coefficients (normalized by b*S11*b=I):

ROA	BI_RATE	INFLASI	BOPO	FDR
-0.516794	0.126570	-0.514689	-0.020777	0.365431
-0.777593	1.708019	-1.886424	0.034207	-0.197941
-4.329770	-0.446047	0.214410	-0.167299	-0.044690
3.931496	-1.280023	-0.131573	0.043921	0.040332

-7.318278 -0.143672 1.274584 -0.049110 -0.147525

Unrestricted Adjustment Coefficients (alpha):

D(ROA)	-0.107095	0.171737	-0.084554	-0.324187	-0.058817
D(BI_RATE)	-0.009291	-0.096840	0.028673	0.017360	-0.011526
D(INFLASI)	-0.112183	0.154655	0.224297	0.053765	-0.024025
D(BOPO)	-1.787088	-2.569650	2.948078	3.109159	0.859502
D(FDR)	-2.310829	-0.080537	-1.141901	0.515079	-0.099289

1 Cointegrating Equation(s): Log likelihood -294.2834

Normalized cointegrating coefficients (standard error in parentheses)

ROA	BI_RATE	INFLASI	BOPO	FDR
1.000000	-0.244915 (0.48893)	0.995928 (0.48533)	0.040204 (0.02916)	-0.707113 (0.09507)

Adjustment coefficients (standard error in parentheses)

D(ROA)	0.055346 (0.11213)
D(BI_RATE)	0.004802 (0.02050)
D(INFLASI)	0.057976 (0.05735)
D(BOPO)	0.923556 (1.39910)
D(FDR)	1.194221 (0.31300)

2 Cointegrating Equation(s): Log likelihood -279.5842

Normalized cointegrating coefficients (standard error in parentheses)

ROA	BI_RATE	INFLASI	BOPO	FDR
1.000000	0.000000	0.816467 (0.32279)	0.050769 (0.02932)	-0.827795 (0.10390)
0.000000	1.000000	-0.732747 (0.23305)	0.043141 (0.02117)	-0.492751 (0.07502)

Adjustment coefficients (standard error in parentheses)

D(ROA)	-0.078195 (0.19953)	0.279775 (0.36602)
D(BI_RATE)	0.080104 (0.03135)	-0.166581 (0.05751)
D(INFLASI)	-0.062283 (0.09870)	0.249955 (0.18106)
D(BOPO)	2.921698 (2.47286)	-4.615202 (4.53619)
D(FDR)	1.256847 (0.56525)	-0.430042 (1.03689)

3 Cointegrating Equation(s): Log likelihood -270.5039

Normalized cointegrating coefficients (standard error in parentheses)

ROA	BI_RATE	INFLASI	BOPO	FDR
1.000000	0.000000	0.000000	0.033650 (0.00751)	0.090282 (0.03056)
0.000000	1.000000	0.000000	0.058504 (0.04080)	-1.316689 (0.16610)
0.000000	0.000000	1.000000	0.020967 (0.03478)	-1.124451 (0.14160)
Adjustment coefficients (standard error in parentheses)				
D(ROA)	0.287903 (0.94306)	0.317490 (0.37682)	-0.286977 (0.41882)	
D(BI_RATE)	-0.044043 (0.14614)	-0.179370 (0.05839)	0.193612 (0.06490)	
D(INFLASI)	-1.033440 (0.41503)	0.149907 (0.16583)	-0.185914 (0.18432)	
D(BOPO)	-9.842805 (11.3799)	-5.930183 (4.54712)	6.399344 (5.05395)	
D(FDR)	6.201017 (2.44388)	0.079300 (0.97651)	1.096450 (1.08535)	
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4 Cointegrating Equation(s):	Log likelihood	-266.7020		
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Normalized cointegrating coefficients (standard error in parentheses)				
ROA	BI_RATE	INFLASI	BOPO	FDR
1.000000	0.000000	0.000000	0.000000	-6.645879 (1.10918)
0.000000	1.000000	0.000000	0.000000	-13.02809 (2.09239)
0.000000	0.000000	1.000000	0.000000	-5.321660 (0.81603)
0.000000	0.000000	0.000000	1.000000	200.1804 (33.5224)
Adjustment coefficients (standard error in parentheses)				
D(ROA)	-0.986638 (1.18933)	0.732457 (0.43863)	-0.244323 (0.39591)	0.008007 (0.03565)
D(BI_RATE)	0.024206 (0.19411)	-0.201591 (0.07159)	0.191328 (0.06462)	-0.007154 (0.00582)
D(INFLASI)	-0.822063 (0.55057)	0.081087 (0.20305)	-0.192988 (0.18328)	-0.027542 (0.01650)
D(BOPO)	2.380840 (14.6760)	-9.909978 (5.41255)	5.990262 (4.88543)	-0.407422 (0.43995)
D(FDR)	8.226047 (3.19920)	-0.580013 (1.17987)	1.028680 (1.06497)	0.258919 (0.09590)

LAMPIRAN IV

UJI ECM

Dependent Variable: D(ROA)
 Method: Least Squares
 Date: 06/21/18 Time: 11:46
 Sample (adjusted): 2014M02 2017M12
 Included observations: 47 after adjustments

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-0.050328	0.092801	-0.542325	0.5905
D(BI_RATE)	-0.414959	0.422199	-0.982853	0.3314
D(INFLASI)	0.040469	0.123513	0.327647	0.7448
D(BOPO)	-0.066045	0.006278	-10.51943	0.0000
D(FDR)	0.000760	0.011862	0.064104	0.9492
ECT(-1)	-0.274429	0.123692	-2.218648	0.0321
R-squared	0.731325	Mean dependent var		-0.199149
Adjusted R-squared	0.698560	S.D. dependent var		1.065851
S.E. of regression	0.585190	Akaike info criterion		1.884984
Sum squared resid	14.04036	Schwarz criterion		2.121173
Log likelihood	-38.29713	Hannan-Quinn criter.		1.973864
F-statistic	22.32014	Durbin-Watson stat		1.902560
Prob(F-statistic)	0.000000			