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# **LAMPIRAN**

**Lampiran 1 : Data mentah.**

TAHUN	PERTUMBUHAN EKONOMI (%)	BELANJA MODAL	BELANJA BANSOS	PENDAPATAN ASLI DAERAH	PENDAPATAN TRANSFER
2007	6,34	321084680	125999723	992252464	810026105
2008	7,78	275180935	151586443	1238690402	894934381
2009	6,23	295862668	73519402	1242766168	914502834
2010	8,19	303648224	25016900	1545589709	959942494
2011	7,61	467685317	19510370	1959515902	1106989189
2012	8,39	377151913	125999723	2198776396	1349192581
2013	7,65	490213949	151586443	2560045632	1422165817
2014	7,54	676237209	73519402	3029122239	1531386241
2015	7,19	849305058	25016900	3270828511	1590754389
2016	7,42	856863744	19510370	3449561308	3699816674
2017	7,21	1051187331	597750	3679083944	5354507388
2018	7,04	1081805775	600000	3948349252	5287519278
2019	6,91	969490769	818000	4138631216	5388320705

**Lampiran 2 : Output uji stasioneritas variabel pertumbuhan ekonomi pada tingkat 1<sup>st</sup> difference.**

Null Hypothesis: D(PE) has a unit root

Exogenous: Constant

Lag Length: 0 (Automatic - based on SIC, maxlag=10)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-11.18594	0.0000
Test critical values:		
1% level	-3.568308	
5% level	-2.921175	
10% level	-2.598551	

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

**Lampiran 3 : Output uji stasioneritas variabel belanja modal pada tingkat 1<sup>st</sup> difference.**

Null Hypothesis: D(MODAL) has a unit root

Exogenous: Constant

Lag Length: 0 (Automatic - based on SIC, maxlag=10)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-6.855958	0.0000
Test critical values:		
1% level	-3.568308	
5% level	-2.921175	
10% level	-2.598551	

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

**Lampiran 4 : Output uji stasioneritas variabel belanja bantuan sosial ekonomi pada tingkat level.**

Null Hypothesis: BANSOS has a unit root

Exogenous: Constant

Lag Length: 0 (Automatic - based on SIC, maxlag=10)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-4.243365	0.0014
Test critical values:		
1% level	-3.565430	

5% level	-2.919952
10% level	-2.597905

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

**Lampiran 5 : Output uji stasioneritas variabel pendapatan asli daerah pada tingkat level.**

Null Hypothesis: PAD has a unit root

Exogenous: Constant

Lag Length: 0 (Automatic - based on SIC, maxlag=10)

	t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic	-4.103290	0.0022
Test critical values:		
1% level	-3.565430	
5% level	-2.919952	
10% level	-2.597905	

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

**Lampiran 6 : Output uji stasioneritas variabel pendapatan transfer pada tingkat 1<sup>st</sup> difference.**

Null Hypothesis: D(TRANSFER) has a unit root

Exogenous: Constant

Lag Length: 1 (Automatic - based on SIC, maxlag=10)

	t-Statistic	Prob.*

Augmented Dickey-Fuller test statistic	-8.347010	0.0000
Test critical values: 1% level	-3.571310	
5% level	-2.922449	
10% level	-2.599224	

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

### Lampiran 7 : Output pemilihan lag optimal persamaan pertumbuhan ekonomi dan belanja modal.

VAR Lag Order Selection Criteria

Endogenous variables: D(PE) D(MODAL)

Exogenous variables: C

Date: 11/29/23 Time: 14:14

Sample: 2007 2019

Included observations: 11

Lag	LogL	LR	FPE	AIC	SC	HQ
0	-238.4881	NA	3.35e+16	43.72511	43.79745	43.67951
1	-225.8877	18.32781*	7.21e+15*	42.16140*	42.37844*	42.02460*
2	-222.8757	3.285800	9.68e+15	42.34104	42.70277	42.11303

\* indicates lag order selected by the criterion

LR: sequential modified LR test statistic (each test at 5% level)

FPE: Final prediction error

AIC: Akaike information criterion

SC: Schwarz information criterion

HQ: Hannan-Quinn information criterion

### Lampiran 8 : Output pemilihan lag optimal persamaan pertumbuhan ekonomi dan belanja bantuan sosial.

VAR Lag Order Selection Criteria  
 Endogenous variables: D(PE) BANSOS  
 Exogenous variables: C  
 Date: 11/29/23 Time: 14:25  
 Sample: 2007 2019  
 Included observations: 11

Lag	LogL	LR	FPE	AIC	SC	HQ
0	-219.3250	NA*	1.03e+15	40.24091	40.31326	40.19531
1	-213.1748	8.945768	7.14e+14	39.84997	40.06700	39.71316
2	-206.9844	6.753217	5.38e+14*	39.45170*	39.81343*	39.22369*

\* indicates lag order selected by the criterion

LR: sequential modified LR test statistic (each test at 5% level)

FPE: Final prediction error

AIC: Akaike information criterion

SC: Schwarz information criterion

HQ: Hannan-Quinn information criterion

#### Lampiran 9 : Output pemilihan lag optimal persamaan pertumbuhan ekonomi dan pendapatan asli daerah.

VAR Lag Order Selection Criteria  
 Endogenous variables: D(PE) PAD  
 Exogenous variables: C  
 Date: 11/29/23 Time: 14:30  
 Sample: 2007 2019  
 Included observations: 10

Lag	LogL	LR	FPE	AIC	SC	HQ
0	-218.4870	NA	4.86e+16	44.09739	44.15791	44.03101
1	-192.2282	36.76227	5.88e+14	39.64564	39.82719	39.44648
2	-186.4783	5.749886	4.86e+14	39.29566	39.59825	38.96373
3	-163.2567	13.93300*	1.67e+13*	35.45133*	35.87495*	34.98662*

\* indicates lag order selected by the criterion

LR: sequential modified LR test statistic (each test at 5% level)

FPE: Final prediction error

AIC: Akaike information criterion

SC: Schwarz information criterion

HQ: Hannan-Quinn information criterion

**Lampiran 10 : Output pemilihan lag optimal persamaan pertumbuhan ekonomi dan pendapatan transfer.**

VAR Lag Order Selection Criteria

Endogenous variables: D(PE) TRANSFER

Exogenous variables: C

Date: 11/29/23 Time: 14:41

Sample: 2007 2019

Included observations: 10

Lag	LogL	LR	FPE	AIC	SC	HQ
0	-229.8169	NA	4.69e+17	46.36337	46.42389	46.29699
1	-219.4080	14.57244*	1.35e+17	45.08160	45.26315	44.88243
2	-217.8464	1.561539	2.58e+17	45.56929	45.87187	45.23735
3	-202.7076	9.083298	4.45e+16*	43.34152*	43.76514*	42.87681*

\* indicates lag order selected by the criterion

LR: sequential modified LR test statistic (each test at 5% level)

FPE: Final prediction error

AIC: Akaike information criterion

SC: Schwarz information criterion

HQ: Hannan-Quinn information criterion

**Lampiran 11 : Output uji kausalitas granger untuk persamaan pertumbuhan ekonomi dan belanja modal.**

Pairwise Granger Causality Tests

Date: 11/29/23 Time: 23:02

Sample: 2007 2019

Lags: 1

Null Hypothesis:	Obs	F-Statistic	Prob.
MODAL does not Granger Cause PE	12	0.97552	0.3491
PE does not Granger Cause MODAL		5.63448	0.0417

**Lampiran 12 : Output uji kausalitas granger untuk persamaan pertumbuhan ekonomi dan belanja bantuan sosial.**

Pairwise Granger Causality Tests

Date: 11/29/23 Time: 23:03

Sample: 2007 2019

Lags: 2

Null Hypothesis:	Obs	F-Statistic	Prob.
BANSOS does not Granger Cause PE	11	0.08107	0.9231
PE does not Granger Cause BANSOS		0.63915	0.5602

**Lampiran 13 : Output uji kausalitas granger untuk persamaan pertumbuhan ekonomi dan pendapatan asli daerah.**

Pairwise Granger Causality Tests

Date: 11/29/23 Time: 23:03

Sample: 2007 2019

Lags: 3

Null Hypothesis:	Obs	F-Statistic	Prob.
PAD does not Granger Cause PE	10	16.4339	0.0229
PE does not Granger Cause PAD		11.0802	0.0394

**Lampiran 14 : Output uji kausalitas granger untuk persamaan pertumbuhan ekonomi dan pendapatan transfer.**

Pairwise Granger Causality Tests

Date: 11/29/23 Time: 23:05

Sample: 2007 2019

Lags: 3

Null Hypothesis:	Obs	F-Statistic	Prob.
TRANSFER does not Granger Cause PE	10	17.9385	0.0203
PE does not Granger Cause TRANSFER		0.02527	0.9935