

Lampiran 1. Data Penelitian

Kabupaten/Kota	Tahun	PAD (X1)	Belanja Modal (X2)	Pertumbuhan Ekonomi (Y1)	Fiscal Stress (Y2)
Sambas	2017	16.58	15.26	5.06	-4.89
Sambas	2018	4.01	3.80	4.93	-11.67
Sambas	2019	7.96	7.86	4.75	-02.71
Sambas	2020	0.00	0.00	-2.04	-02.71
Sambas	2021	0.86	1.08	4.37	-4.38
Bengkayang	2017	7.05	21.17	5.62	-11.36
Bengkayang	2018	-6.91	-7.89	5.25	-1.18
Bengkayang	2019	10.98	-0.22	5.14	-11.25
Bengkayang	2020	0.00	0.00	-1.99	-11.25
Bengkayang	2021	-11.70	-13.28	4.33	-11.51
Landak	2017	15.53	13.61	5.17	-1.19
Landak	2018	3.42	2.21	4.92	27.56
Landak	2019	3.45	4.61	4.88	-04.44
Landak	2020	0.00	0.00	-0.71	-04.44
Landak	2021	-3.35	-6.72	4.89	45.95
Mempawah	2017	11.01	9.66	5.87	27.56
Mempawah	2018	3.80	4.96	5.76	-10.96
Mempawah	2019	-0.02	0.27	5.78	14.31
Mempawah	2020	0.00	0.00	0.18	14.31
Mempawah	2021	-1.05	-3.39	4.1	37.97
Sanggau	2017	24.16	-7.71	4.48	-10.96
Sanggau	2018	3.05	-2.25	4.21	-31.35
Sanggau	2019	5.21	5.98	3.73	62.06
Sanggau	2020	0.00	0.00	0.71	62.06
Sanggau	2021	-13.78	-9.44	4.19	-15.46
Ketapang	2017	-7.39	7.80	7.21	-31.35
Ketapang	2018	29.07	6.26	7.83	66.42
Ketapang	2019	9.53	10.87	6.58	26.51
Ketapang	2020	0.00	0.00	-0.49	26.51
Ketapang	2021	-1.43	-19.64	5.23	45.37
Sintang	2017	30.16	27.20	5.33	66.42
Sintang	2018	1.20	-0.74	5.15	32.93
Sintang	2019	-0.02	10.38	4.99	-90.97
Sintang	2020	0.00	0.00	-2.19	-90.97
Sintang	2021	1.58	-9.90	3.8	14.46

Kapuas Hulu	2017	16.01	16.21	5.39	32.93
Kapuas Hulu	2018	0.56	4.25	4.66	16.08
Kapuas Hulu	2019	8.45	4.83	3.8	32.21
Kapuas Hulu	2020	2.82	0.00	-2.43	83.97
Kapuas Hulu	2021	-6.28	-3.39	4.43	26.63
Sekadau	2017	18.99	18.86	5.82	16.08
Sekadau	2018	4.21	4.76	5.83	20.39
Sekadau	2019	-0.96	1.31	5.44	-7.69
Sekadau	2020	0.00	0.00	-0.98	-7.69
Sekadau	2021	-7.89	-12.54	4.31	34.07
Melawi	2017	28.21	11.66	4.7	20.39
Melawi	2018	-10.20	1.67	5.25	89.71
Melawi	2019	9.62	18.70	4.41	-16.33
Melawi	2020	0.00	0.00	-1.11	-16.33
Melawi	2021	-16.18	-21.27	4.54	46.30
Kayong Utara	2017	30.45	16.13	5.37	89.71
Kayong Utara	2018	-3.82	5.33	4.94	1.82
Kayong Utara	2019	2.67	2.15	4.97	26.93
Kayong Utara	2020	0.00	0.00	-0.76	26.93
Kayong Utara	2021	-1.47	-3.43	4.59	41.29
Kubu Raya	2017	8.57	10.59	6.54	1.82
Kubu Raya	2018	12.28	9.65	5.25	42.32
Kubu Raya	2019	-2.78	2.73	5.68	-4.69
Kubu Raya	2020	0.00	0.00	-2.39	-4.69
Kubu Raya	2021	0.87	4.22	5.18	-100.21
Kota Pontianak	2017	7.94	6.41	4.96	4.23
Kota Pontianak	2018	5.99	6.62	4.22	37.15
Kota Pontianak	2019	7.50	0.75	4.02	14.63
Kota Pontianak	2020	0.00	0.00	-3.96	14.63
Kota Pontianak	2021	-10.77	-1.03	4.6	-26.92
Kota Singkawang	2017	8.74	5.11	5.38	3.71
Kota Singkawang	2018	3.92	4.77	4.64	3.71
Kota Singkawang	2019	4.65	2.57	4.41	5.08
Kota Singkawang	2020	0.00	0.00	-2.51	5.08
Kota Singkawang	2021	-11.72	13.87	4.82	-17.75

Lampiran 2. Hasil Pengolahan Data

Struktur pertama: Belanja Modal dan PAD terhadap Pertumbuhan Ekonomi

1. Uji common

Dependent Variable: PERT_EKONOMI?				
Method: Pooled Least Squares				
Date: 01/30/23 Time: 16:49				
Sample: 2017 2021				
Included observations: 5				
Cross-sections included: 14				
Total pool (balanced) observations: 70				
Variable	Coefficient	Std. Error	t-Statistic	Prob.
BELANJA_MODAL?	1.684306	0.540150	3.118221	0.0027
PAD?	-0.995786	0.619686	-1.606919	0.1127
R-squared	0.052197	Mean dependent var		10.58429
Adjusted R-squared	0.038259	S.D. dependent var		35.69937
S.E. of regression	35.00980	Akaike info criterion		9.977288
Sum squared resid	83346.65	Schwarz criterion		10.04153
Log likelihood	-347.2051	Hannan-Quinn criter.		10.00281
Durbin-Watson stat	1.528471			

Dependent Variable: PERT_EKONOMI				
Method: Panel Least Squares				
Date: 01/30/23 Time: 16:52				
Sample: 2017 2021				
Periods included: 5				
Cross-sections included: 14				
Total panel (balanced) observations: 70				
Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	8.523839	4.409066	1.933253	0.0574
BELANJA_MODAL	1.487147	0.539325	2.757423	0.0075
PAD	-1.143797	0.612382	-1.867783	0.0662
R-squared	0.102275	Mean dependent var		10.58429
Adjusted R-squared	0.075477	S.D. dependent var		35.69937
S.E. of regression	34.32569	Akaike info criterion		9.951577
Sum squared resid	78942.97	Schwarz criterion		10.04794
Log likelihood	-345.3052	Hannan-Quinn criter.		9.989854
F-statistic	3.816560	Durbin-Watson stat		1.558564
Prob(F-statistic)	0.026934			

2. Uji fixed

Dependent Variable: PERT_EKONOMI?				
Method: Pooled Least Squares				

Date: 01/30/23 Time: 16:49				
Sample: 2017 2021				
Included observations: 5				
Cross-sections included: 14				
Total pool (balanced) observations: 70				
Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	8.477636	4.334533	1.955836	0.0557
BELANJA_MODAL?	1.390013	0.549381	2.530143	0.0144
PAD?	-1.006840	0.635099	-1.585328	0.1187
Fixed Effects (Cross)				
BENGKANYANG--C	-17.67069			
KAPUASHULU--C	28.30259			
KAYONGUTARA--C	25.18516			
KETAPANG--C	11.00068			
KUBURAYA--C	-21.35781			
LANDAK--C	1.675168			
MELAWI--C	15.25395			
MEMPAWAH--C	6.656339			
PONTIANAK--C	-0.129702			
SAMBAS--C	-16.28739			
SANGGAU--C	-3.091964			
SEKADAU--C	1.059975			
SINGKAWANG--C	-4.765665			
SINTANG--C	-25.83063			
Effects Specification				
Cross-section fixed (dummy variables)				
R-squared	0.304584	Mean dependent var		10.58429
Adjusted R-squared	0.111412	S.D. dependent var		35.69937
S.E. of regression	33.65199	Akaike info criterion		10.06765
Sum squared resid	61152.63	Schwarz criterion		10.58159
Log likelihood	-336.3679	Hannan-Quinn criter.		10.27180
F-statistic	1.576755	Durbin-Watson stat		2.028900
Prob(F-statistic)	0.111812			

3. Uji chow

Redundant Fixed Effects Tests			
Pool: KABUPATEN_KOTA			
Test cross-section fixed effects			
Effects Test	Statistic	d.f.	Prob.
Cross-section F	1.208424	(13,54)	0.2991
Cross-section Chi-square	17.874694	13	0.1623

Cross-section fixed effects test equation:				
Dependent Variable: PERT_EKONOMI?				
Method: Panel Least Squares				
Date: 01/30/23 Time: 16:50				
Sample: 2017 2021				
Included observations: 5				
Cross-sections included: 14				
Total pool (balanced) observations: 70				
Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	8.523839	4.409066	1.933253	0.0574
BELANJA_MODAL?	1.487147	0.539325	2.757423	0.0075
PAD?	-1.143797	0.612382	-1.867783	0.0662
R-squared	0.102275	Mean dependent var		10.58429
Adjusted R-squared	0.075477	S.D. dependent var		35.69937
S.E. of regression	34.32569	Akaike info criterion		9.951577
Sum squared resid	78942.97	Schwarz criterion		10.04794
Log likelihood	-345.3052	Hannan-Quinn criter.		9.989854
F-statistic	3.816560	Durbin-Watson stat		1.558564
Prob(F-statistic)	0.026934			

4. Uji random

Dependent Variable: PERT_EKONOMI?				
Method: Pooled EGLS (Cross-section random effects)				
Date: 01/30/23 Time: 16:50				
Sample: 2017 2021				
Included observations: 5				
Cross-sections included: 14				
Total pool (balanced) observations: 70				
Swamy and Arora estimator of component variances				
Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	8.512577	4.995209	1.704148	0.0930
BELANJA_MODAL?	1.462131	0.534174	2.737184	0.0079
PAD?	-1.108744	0.609451	-1.819252	0.0733
Random Effects (Cross)				
BENGKANYANG--C	-4.927208			
KAPUASHULU--C	7.905858			
KAYONGUTARA--C	7.003205			
KETAPANG--C	2.962718			
KUBURAYA--C	-5.876373			
LANDAK--C	0.457846			
MELAWI--C	4.251219			
MEMPAWAH--C	1.853114			
PONTIANAK--C	-0.016295			
SAMBAS--C	-4.502482			
SANGGAU--C	-1.021326			

SEKADAU--C	0.297990		
SINGKAWANG--C	-1.209359		
SINTANG--C	-7.178907		
Effects Specification			
		S.D.	Rho
Cross-section random		9.346594	0.0716
Idiosyncratic random		33.65199	0.9284
Weighted Statistics			
R-squared	0.103008	Mean dependent var	8.991376
Adjusted R-squared	0.076232	S.D. dependent var	34.57837
S.E. of regression	33.23426	Sum squared resid	74002.57
F-statistic	3.847041	Durbin-Watson stat	1.665911
Prob(F-statistic)	0.026207		
Unweighted Statistics			
R-squared	0.102229	Mean dependent var	10.58429
Sum squared resid	78947.04	Durbin-Watson stat	1.561574

5. Uji hausman

Correlated Random Effects - Hausman Test				
Pool: KABUPATEN_KOTA				
Test cross-section random effects				
Test Summary		Chi-Sq. Statistic	Chi-Sq. d.f.	Prob.
Cross-section random		0.346960	2	0.8407
Cross-section random effects test comparisons:				
Variable	Fixed	Random	Var(Diff.)	Prob.
BELANJA_MODAL?	1.390013	1.462131	0.016478	0.5743
PAD?	-1.006840	-1.108744	0.031920	0.5684
Cross-section random effects test equation:				
Dependent Variable: PERT_EKONOMI?				
Method: Panel Least Squares				
Date: 01/30/23 Time: 16:50				
Sample: 2017 2021				
Included observations: 5				
Cross-sections included: 14				
Total pool (balanced) observations: 70				

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	8.477636	4.334533	1.955836	0.0557
BELANJA_MODAL?	1.390013	0.549381	2.530143	0.0144
PAD?	-1.006840	0.635099	-1.585328	0.1187
Effects Specification				
Cross-section fixed (dummy variables)				
R-squared	0.304584	Mean dependent var		10.58429
Adjusted R-squared	0.111412	S.D. dependent var		35.69937
S.E. of regression	33.65199	Akaike info criterion		10.06765
Sum squared resid	61152.63	Schwarz criterion		10.58159
Log likelihood	-336.3679	Hannan-Quinn criter.		10.27180
F-statistic	1.576755	Durbin-Watson stat		2.028900
Prob(F-statistic)	0.111812			

6. Uji lagerange multiplier

Lagrange multiplier (LM) test for panel data			
Date: 01/30/23 Time: 16:01			
Sample: 2017 2021			
Total panel observations: 70			
Probability in ()			
Null (no rand. effect)	Cross-section	Period	Both
Alternative	One-sided	One-sided	
Breusch-Pagan	0.132976 (0.7154)	1.024386 (0.3115)	1.157362 (0.2820)
Honda	0.364658 (0.3577)	-1.012120 (0.8443)	-0.457824 (0.6765)

Struktur kedua: Belanja Modal dan Pendapatan Asli Daerah terhadap *Fiscal Stress*

7. Uji common

Dependent Variable: FISCAL_STRESS?
Method: Pooled Least Squares
Date: 01/31/23 Time: 09:54
Sample: 2017 2021
Included observations: 5
Cross-sections included: 14
Total pool (balanced) observations: 70

Variable	Coefficient	Std. Error	t-Statistic	Prob.
BELANJA_MODAL?	0.115478	0.065070	1.774655	0.0804
PAD?	0.113570	0.074652	1.521326	0.1328
R-squared	-1.286675	Mean dependent var		3.729000
Adjusted R-squared	-1.320302	S.D. dependent var		2.768772
S.E. of regression	4.217543	Akaike info criterion		5.744538
Sum squared resid	1209.561	Schwarz criterion		5.808780
Log likelihood	-199.0588	Hannan-Quinn criter.		5.770056
Durbin-Watson stat	1.467111			

8. Uji fixed

Dependent Variable: FISCAL_STRESS?				
Method: Pooled Least Squares				
Date: 01/31/23 Time: 09:54				
Sample: 2017 2021				
Included observations: 5				
Cross-sections included: 14				
Total pool (balanced) observations: 70				
Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	3.432009	0.377787	9.084513	0.0000
BELANJA_MODAL?	0.026168	0.047883	0.546506	0.5870
PAD?	0.069654	0.055354	1.258345	0.2137
Fixed Effects (Cross)				
BENGKANYANG--C	0.244091			
KAPUASHULU--C	-0.679930			
KAYONGUTARA--C	-0.036784			
KETAPANG--C	1.610440			
KUBURAYA--C	0.142088			
LANDAK--C	0.107299			
MELAWI--C	-0.083829			
MEMPAWAH--C	0.673877			
PONTIANAK--C	-0.897417			
SAMBAS--C	-0.561992			
SANGGAU--C	0.121387			
SEKADAU--C	0.404286			
SINGKAWANG--C	-0.479923			
SINTANG--C	-0.563595			
Effects Specification				
Cross-section fixed (dummy variables)				
R-squared	0.121786	Mean dependent var		3.729000
Adjusted R-squared	-0.122163	S.D. dependent var		2.768772
S.E. of regression	2.933021	Akaike info criterion		5.187574
Sum squared resid	464.5409	Schwarz criterion		5.701516

Log likelihood	-165.5651	Hannan-Quinn criter.	5.391718
F-statistic	0.499227	Durbin-Watson stat	3.112660
Prob(F-statistic)	0.930499		

9. Uji chow

Redundant Fixed Effects Tests				
Pool: KABUPATEN_KOTA				
Test cross-section fixed effects				
Effects Test	Statistic	d.f.	Prob.	
Cross-section F	0.236852	(13,54)	0.9967	
Cross-section Chi-square	3.881742	13	0.9924	
Cross-section fixed effects test equation: Dependent Variable: FISCAL_STRESS? Method: Panel Least Squares Date: 01/31/23 Time: 09:55 Sample: 2017 2021 Included observations: 5 Cross-sections included: 14 Total pool (balanced) observations: 70				
Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	3.443107	0.347731	9.901637	0.0000
BELANJA_MODAL?	0.035837	0.042535	0.842539	0.4025
PAD?	0.053783	0.048297	1.113585	0.2694
R-squared	0.071710	Mean dependent var		3.729000
Adjusted R-squared	0.044000	S.D. dependent var		2.768772
S.E. of regression	2.707174	Akaike info criterion		4.871599
Sum squared resid	491.0290	Schwarz criterion		4.967963
Log likelihood	-167.5060	Hannan-Quinn criter.		4.909876
F-statistic	2.587865	Durbin-Watson stat		2.937762
Prob(F-statistic)	0.082680			

10. Uji random

Dependent Variable: FISCAL_STRESS?				
Method: Pooled EGLS (Cross-section random effects)				
Date: 01/31/23 Time: 09:55				
Sample: 2017 2021				
Included observations: 5				
Cross-sections included: 14				
Total pool (balanced) observations: 70				
Swamy and Arora estimator of component variances				

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	3.443107	0.376741	9.139197	0.0000
BELANJA_MODAL?	0.035837	0.046084	0.777662	0.4395
PAD?	0.053783	0.052326	1.027837	0.3077
Random Effects (Cross)				
BENGKANYANG--C	0.000000			
KAPUASHULU--C	0.000000			
KAYONGUTARA--C	0.000000			
KETAPANG--C	0.000000			
KUBURAYA--C	0.000000			
LANDAK--C	0.000000			
MELAWI--C	0.000000			
MEMPAWAH--C	0.000000			
PONTIANAK--C	0.000000			
SAMBAS--C	0.000000			
SANGGAU--C	0.000000			
SEKADAU--C	0.000000			
SINGKAWANG--C	0.000000			
SINTANG--C	0.000000			
Effects Specification				
			S.D.	Rho
Cross-section random			0.000000	0.0000
Idiosyncratic random			2.933021	1.0000
Weighted Statistics				
R-squared	0.071710	Mean dependent var		3.729000
Adjusted R-squared	0.044000	S.D. dependent var		2.768772
S.E. of regression	2.707174	Sum squared resid		491.0290
F-statistic	2.587865	Durbin-Watson stat		2.937762
Prob(F-statistic)	0.082680			
Unweighted Statistics				
R-squared	0.071710	Mean dependent var		3.729000
Sum squared resid	491.0290	Durbin-Watson stat		2.937762

11. Uji hausman

Correlated Random Effects - Hausman Test			
Pool: KABUPATEN_KOTA			
Test cross-section random effects			
Test Summary	Chi-Sq. Statistic	Chi-Sq. d.f.	Prob.
Cross-section random	0.772688	2	0.6795

** WARNING: estimated cross-section random effects variance is zero.				
Cross-section random effects test comparisons:				
Variable	Fixed	Random	Var(Diff.)	Prob.
BELANJA_MODAL?	0.026168	0.035837	0.000169	0.4571
PAD?	0.069654	0.053783	0.000326	0.3794
Cross-section random effects test equation: Dependent Variable: FISCAL_STRESS? Method: Panel Least Squares Date: 01/31/23 Time: 09:55 Sample: 2017 2021 Included observations: 5 Cross-sections included: 14 Total pool (balanced) observations: 70				
Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	3.432009	0.377787	9.084513	0.0000
BELANJA_MODAL?	0.026168	0.047883	0.546506	0.5870
PAD?	0.069654	0.055354	1.258345	0.2137
Effects Specification				
Cross-section fixed (dummy variables)				
R-squared	0.121786	Mean dependent var		3.729000
Adjusted R-squared	-0.122163	S.D. dependent var		2.768772
S.E. of regression	2.933021	Akaike info criterion		5.187574
Sum squared resid	464.5409	Schwarz criterion		5.701516
Log likelihood	-165.5651	Hannan-Quinn criter.		5.391718
F-statistic	0.499227	Durbin-Watson stat		3.112660
Prob(F-statistic)	0.930499			

12. Uji lagerage multiplier

Lagrange multiplier (LM) test for panel data Date: 01/31/23 Time: 10:01 Sample: 2017 2021 Total panel observations: 70 Probability in ()			
Null (no rand. effect) Alternative	Cross-section One-sided	Period One-sided	Both
Breusch-Pagan	4.759470 (0.0291)	342.2983 (0.0000)	347.0578 (0.0000)
Honda	-2.181621	18.50131	11.53976

(0.9854)	(0.0000)	(0.0000)
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