

Lampiran



PROGRAM STUDI STATISTIKA
SK BAN-PT No. 1765/SK/BAN-PT/AK-PPJS/III/2022
FAKULTAS SAINS DAN TEKNOLOGI
UNIVERSITAS PGRI ADI BUANA SURABAYA

FORM F.SK05 BUKTI BIMBINGAN SKRIPSI

Nama Mahasiswa : Maria Anjeana Harlin
NIM : 19290005
Judul Skripsi : Analisis Faktor-faktor yang mempengaruhi tingkat kemiskinan di Jawa Tengah dengan menggunakan metode regresi data panel.
Dosen Pembimbing : Muhammad Athoillah, S.Si, M.Si

Materi Pembimbingan Skripsi	Tanda Tangan Dosen Pembimbing
1. Revisi Statistika Deskriptif	
2. Revisi Uji Multikolinearitas	
3. Revisi Kesimpulan dan saran	
4. Revisi Abstrak	

Catatan: *) Coret yang tidak sesuai

*Lembar ini digunakan untuk mendaftar Seminar dan Ujian Skripsi
(bimbingan skripsi minimal 8 kali)*



FORM F.SK05
BUKTI BIMBINGAN SKRIPSI

Nama Mahasiswa : Mario Anjelina Haidin
NIM : 192400015
Judul Skripsi : Analisis faktor-faktor yang mempengaruhi tingkat kemiskinan di Jawa Tengah dengan menggunakan metode regresi data Panel.
Dosen Pembimbing : Dra. Wera Pramesti, M.Si

Materi Pembimbingan Skripsi	Tanda Tangan Dosen Pembimbing
1. Revisi Abstrak	
2. Revisi Pengujian Serentak	
3. Revisi Estimasi Model tingkat kemiskinan	
4. Revisi Kesimpulan	

Catatan: *) Coret yang tidak sesuai

**Lembar ini digunakan untuk mendaftar Seminar dan Ujian Skripsi
(bimbingan skripsi minimal 8 kali)**



PROGRAM STUDI STATISTIKA
SK BAN-PT No. 1765/SK/BAN-PT/IAK-PP/JS/III/2022
FAKULTAS SAINS DAN TEKNOLOGI
UNIVERSITAS PGRI ADI BUANA SURABAYA

FORM F.SK08

PERBAIKAN/REVISI SEMINAR DAN UJIAN SKRIPSI

Nama Mahasiswa : Maria Anjelina Haldin
NIM : 192400015
Judul Skripsi : Analisis Faktor-faktor yang Mempengaruhi Tingkat Kemiskinan di Jawa Tengah Dengan Menggunakan Metode Regresi Data Panel
Dosen Pembimbing : Muhammad Athoillah, S.Si, M. Si

Materi Revisi Seminar dan Ujian Skripsi	Tanda Tangan Dosen Penguji
1. Perbaikan rumus CEM, FEM dan REM	
2. Perbaikan langkah-langkah analisis penelitian	
3. Perbaikan diagram alir	
4. Perbaikan BAB IV bagian CEM, FEM dan REM	
5.	

Surabaya, 25 Juli 2023
Dosen Pembimbing 1

Muhammad Athoillah, S.Si, M. Si
NIP/NPP : 1612832/DY

Catatan: *) Coret yang tidak sesuai

Lembar ini digunakan untuk bukti perbaikan makalah/jurnal dan hasil ujian skripsi. Batas waktu revisi proposal dua minggu terhitung dari waktu ujian proposal.



PROGRAM STUDI STATISTIKA
SK BAN-PT No. 1765/SK/BAN-PT/AK-PPJ/S/III/2022
FAKULTAS SAINS DAN TEKNOLOGI
UNIVERSITAS PGRI ADI BUANA SURABAYA

FORM F.SK08

PERBAIKAN/REVISI SEMINAR DAN UJIAN SKRIPSI

Nama Mahasiswa : Maria Anjelina Haldin
NIM : 192400015
Judul Skripsi : Analisis Faktor-faktor yang Mempengaruhi Tingkat Kemiskinan di Jawa Tengah Dengan Menggunakan Metode Regresi Data Panel
Dosen Pembimbing : Dra. Wara Pramesti, M.Si

Materi Revisi Seminar dan Ujian Skripsi	Tanda Tangan Dosen Penguji
1. Perbaikan rumus CEM, PEM dan REM	
2. Perbaikan langkah-langkah analisis pendataan	
3. Perbaikan diagram alir	
4. Perbaikan BAB IV bagian CEM, PEM dan REM	
5.	

Surabaya, 25 Juli 2023
Dosen Pembimbing 2

Dra. Wara Pramesti, M.Si
NPP: 8705185/DY

Catatan: *) Coret yang tidak sesuai

Lembar ini digunakan untuk bukti perbaikan makalah/jurnal dan hasil ujian skripsi Batas waktu revisi proposal dua minggu terhitung dari waktu ujian proposal

Lampiran 1. Tabel Pengamatan dengan struktur Data Panel

No	Tahun	kabupaten/ kota	(Y)	(X1)	(X2)	(X3)	(X4)	(X5)	(X6)
1	2018	Cilacap	11.25	6.92	0.38	10274	73.39	7.49	62.62
1	2019	Cilacap	10.73	6.93	0.35	10639	73.52	7.24	65.34
1	2020	Cilacap	11.46	6.97	0.32	1044	73.73	9.1	67.79
1	2021	Cilacap	11.67	7.09	0.29	10534	73.9	9.97	62.91
2	2018	Banyumas	13.5	7.41	0.76	1124	73.45	4.15	67.74
2	2019	Banyumas	12.53	7.42	0.73	11703	73.55	4.17	67.34
2	2020	Banyumas	13.26	7.52	0.7	11448	73.72	6	66.66
2	2021	Banyumas	13.66	7.63	0.68	11546	73.8	6.05	65.07
3	2018	Purbalingga	15.62	7	0.87	9786	72.98	6.02	70.58
3	2019	Purbalingga	15.03	7.14	0.84	10131	73.02	4.73	68.14
3	2020	Purbalingga	15.9	7.24	0.81	9914	73.14	6.1	69.89
3	2021	Purbalingga	16.24	7.25	0.79	10032	73.21	6.05	69.52
4	2018	Banjarnegara	15.46	6.28	0.49	916	73.91	3.99	71.97
4	2019	Banjarnegara	14.76	6.5	0.46	9547	74.01	4.44	70.09
4	2020	Banjarnegara	15.64	6.74	0.43	9263	74.18	5.86	69.69
4	2021	Banjarnegara	16.23	6.75	0.41	9407	74.28	5.86	69.76
5	2018	Kebumen	17.47	7.34	0.17	8757	73.11	5.48	65.75
5	2019	Kebumen	16.82	7.53	0.15	9066	73.22	4.69	68.72
5	2020	Kebumen	17.59	7.54	0.12	8901	73.4	6.07	69.63
5	2021	Kebumen	17.83	7.55	0.09	9028	73.55	6.03	67.76
5	2018	Purworejo	11.67	7.7	0.18	10048	74.4	4.43	66.89
5	2019	Purworejo	11.45	7.91	0.15	10342	74.52	2.91	66.81
5	2020	Purworejo	11.78	8.12	0.12	10163	74.72	4.04	70.05
5	2021	Purworejo	12.4	8.21	0.1	10275	74.87	3.59	73.29

6	2018	Wonosobo	17.58	6.75	0.33	10503	71.46	3.5	72.43
6	2019	Wonosobo	16.63	6.76	0.3	10871	71.6	3.43	72.07
6	2020	Wonosobo	17.36	6.81	0.27	10621	71.82	5.37	71.26
6	2021	Wonosobo	17.67	6.82	0.25	1076	71.94	5.26	70.77
7	2018	Magelang	11.23	7.57	0.79	9025	73.47	2.89	71.48
7	2019	Magelang	10.67	7.77	0.76	9387	73.56	3.07	74.73
7	2020	Magelang	11.27	7.78	0.74	9301	73.72	4.27	76.6
7	2021	Magelang	11.91	7.79	0.71	944	73.88	5.03	75.78
8	2018	Boyolali	10.04	7.55	0.44	12758	75.79	2.18	72.31
8	2019	Boyolali	9.53	7.56	0.42	13079	75.83	3.09	72.7
8	2020	Boyolali	10.18	7.84	0.39	1291	75.95	5.28	75.11
8	2021	Boyolali	10.62	7.85	0.36	13031	76.03	5.09	75.79
8	2018	Klaten	12.96	8.24	0.25	11738	76.67	3.14	67.14
8	2019	Klaten	12.28	8.31	0.22	12074	76.68	3.54	69.1
8	2020	Klaten	12.89	8.58	0.19	11921	76.78	5.46	68.33
8	2021	Klaten	13.49	8.81	0.17	12017	76.86	5.48	66.89
9	2018	Sukoharjo	7.41	8.84	0.69	111	77.54	2.72	68.47
9	2019	Sukoharjo	7.14	9.1	0.66	11557	77.55	3.39	68.5
9	2020	Sukoharjo	7.68	9.34	0.63	11325	77.65	6.93	68.74
9	2021	Sukoharjo	8.23	9.35	0.61	11428	77.73	3.32	68.78
10	2018	Wonogiri	10.75	6.88	0.17	9117	76.05	2.28	75.22
10	2019	Wonogiri	10.25	7.04	0.15	9426	76.07	2.55	69.86
10	2020	Wonogiri	10.86	7.33	0.12	9286	76.16	4.27	74.69
10	2021	Wonogiri	11.55	7.34	0.09	9429	76.28	2.43	73.09
11	2018	Karanganyar	10.01	8.51	0.77	11223	77.36	2.28	70.45
11	2019	Karanganyar	9.55	8.52	0.75	11569	77.38	3.12	70.19
11	2020	Karanganyar	10.28	8.56	0.72	11428	77.47	5.96	73.55

11	2021	Karanganyar	10.68	8.57	0.69	11509	77.55	5.89	73.15
12	2018	Sragen	13.12	7.22	0.23	12391	75.6	4.83	67.23
12	2019	Sragen	12.79	7.34	0.2	1272	75.62	3.32	67.71
12	2020	Sragen	13.38	7.65	0.17	12589	75.71	4.75	68.44
12	2021	Sragen	13.83	7.66	0.14	12679	75.79	4.76	71.74
13	2018	Grobogan	12.31	6.67	0.39	10097	74.55	2.22	70.79
13	2019	Grobogan	11.77	6.86	0.36	1035	74.61	3.54	69.25
13	2020	Grobogan	12.46	6.91	0.33	10221	74.75	4.5	69.77
13	2021	Grobogan	12.74	7.11	0.31	10294	74.84	4.38	72.88
14	2018	Blora	11.9	6.46	0.28	9385	74.12	3.3	72.99
14	2019	Blora	11.32	6.58	0.25	9795	74.23	3.82	68.54
14	2020	Blora	11.96	6.83	0.22	9571	74.41	4.89	71.9
14	2021	Blora	12.39	6.99	0.2	9669	74.51	3.81	70.54
15	2018	Rembang	15.41	6.95	0.66	10191	74.39	2.83	67.71
15	2019	Rembang	14.95	7.15	0.63	10551	74.43	3.6	66.26
15	2020	Rembang	15.6	7.16	0.61	10328	74.55	4.83	65.17
15	2021	Rembang	15.8	7.3	0.58	10519	74.61	3.67	70.67
16	2018	Pati	9.9	7.18	0.44	1019	75.93	3.57	66.78
16	2019	Pati	9.46	7.19	0.41	1066	76.04	3.64	66.08
16	2020	Pati	10.08	7.44	0.38	1039	76.22	4.74	63.85
16	2021	Pati	10.21	7.48	0.35	10506	76.27	4.6	68.99
17	2018	Kudus	6.98	8.62	1.08	10979	76.47	3.28	72.37
17	2019	Kudus	6.68	8.63	1.05	11318	76.5	3.8	72.05
17	2020	Kudus	7.31	8.75	1.02	1116	76.6	5.53	74.5
17	2021	Kudus	7.6	8.76	1	11272	76.68	3.77	74.77
18	2018	Jepara	7	7.43	1.33	10169	75.71	3.75	69.05
18	2019	Jepara	6.66	7.44	1.3	10609	75.74	2.92	68.43

18	2020	Jepara	7.17	7.68	1.27	10343	75.84	6.7	69.92
18	2021	Jepara	7.44	7.79	1.25	10536	75.91	4.23	69.55
19	2018	Demak	12.54	7.48	0.89	10001	75.29	7.03	70.96
19	2019	Demak	11.86	7.55	0.86	10344	75.31	5.42	67.72
19	2020	Demak	12.54	7.71	0.83	10128	75.4	7.31	69.79
19	2021	Demak	12.92	7.86	0.81	10248	75.46	5.28	66.23
20	2018	Semarang	7.29	7.88	1.19	11807	75.62	2.25	72.5
20	2019	Semarang	7.04	8.01	1.16	12116	75.63	2.54	74.69
20	2020	Semarang	7.51	8.02	1.14	11966	75.73	4.57	75.07
20	2021	Semarang	7.82	8.03	1.11	1207	75.79	5.02	74.1
21	2018	Temanggung	9.87	6.94	0.77	9142	75.47	3.23	74.11
21	2019	Temanggung	9.42	7.15	0.74	9489	75.48	2.98	76.23
21	2020	Temanggung	9.96	7.24	0.71	9343	75.58	3.85	58.73
21	2021	Temanggung	10.17	7.25	0.69	9408	75.64	2.62	74.01
22	2018	Kendal	9.84	7.05	0.65	11257	74.3	6.02	66.34
22	2019	Kendal	9.41	7.25	0.62	11597	74.33	6.26	67.91
22	2020	Kendal	9.99	7.45	0.6	11425	74.43	7.56	70.5
22	2021	Kendal	10.24	7.46	0.57	11608	74.48	7.55	69.93
23	2018	Batang	8.69	6.62	0.74	9203	74.56	4.2	70.28
23	2019	Batang	8.35	6.63	0.72	9573	74.59	4.11	68.75
23	2020	Batang	9.13	6.87	0.69	9431	74.69	6.92	69.78
23	2021	Batang	9.68	6.88	0.66	9524	74.74	6.59	71.4
24	2018	Pekalongan	10.06	6.74	0.57	10221	73.53	4.36	70.68
24	2019	Pekalongan	9.71	6.88	0.54	10508	73.57	4.35	71.15
24	2020	Pekalongan	10.19	6.91	0.51	10312	73.69	6.97	71.23
24	2021	Pekalongan	10.57	7.17	0.49	10409	73.74	4.28	71.46
25	2018	Pemalang	16.04	6.32	0.18	8186	73.11	6.17	65.29

25	2019	Pemalang	15.41	6.41	0.15	8546	73.22	6.45	66.27
25	2020	Pemalang	16.02	6.42	0.12	8461	73.4	7.64	65.57
25	2021	Pemalang	16.56	6.45	0.1	8573	73.53	6.71	65.9
26	2018	Tegal	7.94	6.7	0.17	9433	71.28	8.24	65.41
26	2019	Tegal	7.64	6.86	0.15	9798	71.4	8.12	66.5
26	2020	Tegal	8.14	6.98	0.12	9612	71.6	9.82	66.52
26	2021	Tegal	8.6	6.99	0.09	97	71.72	9.97	66.24
27	2018	Brebes	17.17	6.19	0.29	989	68.84	7.2	67.18
27	2019	Brebes	16.22	6.2	0.26	10238	69.04	7.39	66.08
27	2020	Brebes	17.03	6.21	0.23	10058	69.33	9.83	66.65
27	2021	Brebes	17.43	6.22	0.21	10152	69.54	9.78	63.97
28	2018	Kota Magelang	7.87	10.31	0.18	11994	76.72	4.78	68.89
28	2019	Kota Magelang	7.46	10.33	0.15	12514	76.75	4.37	64.95
28	2020	Kota Magelang	7.58	10.39	0.12	1221	76.85	8.59	67.61
28	2021	Kota Magelang	7.75	10.62	0.1	12349	76.93	8.73	67.07
29	2018	Kota Surakarta	9.08	10.53	0.26	14528	77.11	4.35	66.01
29	2019	Kota Surakarta	8.7	10.54	0.23	15049	77.12	4.16	69.27
29	2020	Kota Surakarta	9.03	10.69	0.2	14761	77.22	7.92	68.84
29	2021	Kota Surakarta	9.4	10.9	0.18	14911	77.32	7.85	66.89
30	2018	Kota Salatiga	4.84	10.4	1.27	15464	77.11	4.23	72.15
30	2019	Kota Salatiga	4.76	10.41	1.24	15944	77.22	4.33	66.96
30	2020	Kota Salatiga	4.94	10.42	1.21	15699	77.4	7.44	70.23
30	2021	Kota Salatiga	5.14	10.66	1.18	15843	77.55	7.26	70.36
31	2018	Kota Semarang	4.14	10.51	1.52	14895	77.23	5.21	65.93
31	2019	Kota Semarang	3.98	10.52	1.49	1555	77.25	4.5	66.87
31	2020	Kota Semarang	4.34	10.53	1.46	15243	77.34	9.57	69.89
31	2021	Kota Semarang	4.56	10.78	1.44	15425	77.51	9.54	69.41

32	2018	Kota Pekalongan	6.75	8.57	0.78	12312	74.25	6.08	70.36
32	2019	Kota Pekalongan	6.6	8.71	0.75	1268	74.28	5.8	72.46
32	2020	Kota Pekalongan	7.17	8.96	0.72	12467	74.38	7.02	66.45
32	2021	Kota Pekalongan	7.59	9.18	0.7	12598	74.44	6.89	75.77
33	2018	Kota Tegal	7.81	8.3	0.28	1283	74.3	7.81	65.54
33	2019	Kota Tegal	7.47	8.31	0.25	1325	74.34	8.08	69.61
33	2020	Kota Tegal	7.8	8.51	0.22	12999	74.46	8.4	64.57
33	2021	Kota Tegal	8.12	8.73	0.2	13143	74.54	8.25	68.25

Lampiran 2 Statistika Deskriptif

Descriptive Statistics 2018

variabel	N	Minimum	Maximum	Mean	Std. Deviation
Y	35	4.14	17.58	10.9000	3.58071
X1	35	6.19	10.53	7.6589	1.22702
X2	35	.17	1.52	.5840	.37298
X3	35	8.160	15.464	10.83623	1.745171
X4	35	68.84	77.54	74.7163	1.91591
X5	35	2.18	8.24	4.4426	1.73610
X6	35	62.62	75.22	69.1886	3.00400
Valid N (listwise)	35				

Descriptive Statistics 2019

	N	Minimum	Maximum	Mean	Std. Deviation
Y	35	3.98	16.82	10.4294	3.40412
X1	35	6.20	10.54	7.7554	1.20116
X2	35	.15	1.49	.5557	.37217
X3	35	8.546	15.944	11.21686	1.790386
X4	35	69.04	77.55	74.7774	1.88013
X5	35	2.54	8.12	4.3963	1.53785
X6	35	64.95	76.23	69.0666	2.76889
Valid N (listwise)	35				

Descriptive Statistics 2020

variabel	N	Minimum	Maximum	Mean	Std. Deviation
Y	35	4.34	17.59	11.0137	3.52444
X1	35	6.21	10.69	7.8886	1.19501
X2	35	.12	1.46	.5269	.37294
X3	35	8.461	15.699	11.01823	1.762934
X4	35	69.33	77.65	74.9149	1.84413
X5	35	3.85	9.83	6.4017	1.72506
X6	35	58.73	76.60	69.3420	3.62026
Valid N (listwise)	35				

Descriptive Statistics 2021

	N	Minimum	Maximum	Mean	Std. Deviation
Y	35	4.56	17.83	11.3926	3.55637
X1	35	6.22	10.90	7.9794	1.24549
X2	35	.09	1.44	.5029	.37301
X3	35	8.573	94.080	13.55840	14.119470
X4	35	69.54	77.73	75.0120	1.82999
X5	35	2.43	9.97	5.8740	2.08660
X6	35	62.91	75.79	70.0769	3.42263
Valid N (listwise)	35				

Lampiran 3. Uji Multikolinearitas

Coefficients^a

Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Collinearity Statistics	
	B	Std. Error	Beta			Tolerance	VIF
1 (Constant)	73.354	13.303		5.514	.000		
X1	-.774	.270	-.268	-2.869	.005	.373	2.679
X2	-2.991	.595	-.317	-5.030	.000	.822	1.216
X3	-.015	.028	-.030	-.515	.608	.957	1.045
X4	-.662	.183	-.350	-3.614	.000	.346	2.887
X5	-.306	.128	-.173	-2.393	.018	.625	1.600
X6	-.049	.069	-.045	-.713	.477	.811	1.234

a. Dependent Variable: Y

Lampiran 4a. Uji CEM

Dependent Variable: Y

Method: Panel Least Squares

Date: 03/17/23 Time: 21:26

Sample: 2018 2021

Periods included: 4

Cross-sections included: 35

Total panel (balanced) observations: 140

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	1.02E-07	0.056863	1.79E-06	1.0000
X1	-0.268015	0.093412	-2.869182	0.0048
X2	-0.316540	0.062925	-5.030398	0.0000
X3	-0.030029	0.058342	-0.514710	0.6076
X4	-0.350452	0.096960	-3.614394	0.0004
X5	-0.172730	0.072185	-2.392860	0.0181
X6	-0.045220	0.063382	-0.713454	0.4768
R-squared	0.566858	Mean dependent var	-2.62E-17	
Adjusted R-squared	0.547317	S.D. dependent var	1.000000	
S.E. of regression	0.672817	Akaike info criterion	2.094020	
Sum squared resid	60.20678	Schwarz criterion	2.241102	
Log likelihood	-139.5814	Hannan-Quinn criter.	2.153789	
F-statistic	29.00973	Durbin-Watson stat	0.157373	
Prob(F-statistic)	0.000000			

Lampiran 4b. Model FEM

Dependent Variable: Y

Method: Panel Least Squares

Date: 03/17/23 Time: 21:31

Sample: 2018 2021

Periods included: 4

Cross-sections included: 35

Total panel (balanced) observations: 140

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-4.45E-07	0.007754	-5.75E-05	1.0000
X1	0.273385	0.131425	2.080169	0.0401
X2	0.312839	0.323379	0.967408	0.3357
X3	0.003851	0.009447	0.407671	0.6844
X4	0.864546	0.286799	3.014461	0.0033
X5	0.019923	0.018381	1.083869	0.2811
X6	0.014206	0.013198	1.076357	0.2844

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.994004	Mean dependent var	-2.62E-17
Adjusted R-squared	0.991582	S.D. dependent var	1.000000
S.E. of regression	0.091750	Akaike info criterion	-1.700316
Sum squared resid	0.833381	Schwarz criterion	-0.838835
Log likelihood	160.0221	Hannan-Quinn criter.	-1.350236
F-statistic	410.3315	Durbin-Watson stat	2.671909
Prob(F-statistic)	0.000000		

Lampiran 4c. Model REM

Dependent Variable: Y

Method: Panel EGLS (Cross-section random effects)

Date: 03/17/23 Time: 21:34

Sample: 2018 2021

Periods included: 4

Cross-sections included: 35

Total panel (balanced) observations: 140

Swamy and Arora estimator of component variances

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	8.91E-08	0.105615	8.44E-07	1.0000
X1	-0.026077	0.082968	-0.314307	0.7538
X2	-0.613247	0.084545	-7.253500	0.0000
X3	0.001873	0.009274	0.201987	0.8402
X4	-0.136728	0.109198	-1.252113	0.2127
X5	0.035573	0.016623	2.140008	0.0342
X6	0.016311	0.013101	1.245046	0.2153

Effects Specification

	S.D.	Rho
Cross-section random	0.623142	0.9788
Idiosyncratic random	0.091750	0.0212

Weighted Statistics

R-squared	0.360234	Mean dependent var	-3.15E-18
Adjusted R-squared	0.331373	S.D. dependent var	0.127722
S.E. of regression	0.104437	Sum squared resid	1.450655
F-statistic	12.48144	Durbin-Watson stat	1.833895
Prob(F-statistic)	0.000000		

Unweighted Statistics

R-squared	0.357523	Mean dependent var	-2.62E-17
Sum squared resid	89.30424	Durbin-Watson stat	0.029790

Lampiran 4d. Uji Chow

Redundant Fixed Effects Tests

Equation: Untitled

Test cross-section fixed effects

Effects Test	Statistic	d.f.	Prob.
Cross-section F	207.445889	(34,99)	0.0000
Cross-section Chi-square	599.206982	34	0.0000

Cross-section fixed effects test equation:

Dependent Variable: Y

Method: Panel Least Squares

Date: 03/17/23 Time: 21:37

Sample: 2018 2021

Periods included: 4

Cross-sections included: 35

Total panel (balanced) observations: 140

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	1.02E-07	0.056863	1.79E-06	1.0000
X1	-0.268015	0.093412	-2.869182	0.0048
X2	-0.316540	0.062925	-5.030398	0.0000
X3	-0.030029	0.058342	-0.514710	0.6076
X4	-0.350452	0.096960	-3.614394	0.0004
X5	-0.172730	0.072185	-2.392860	0.0181
X6	-0.045220	0.063382	-0.713454	0.4768
R-squared	0.566858	Mean dependent var		-2.62E-17
Adjusted R-squared	0.547317	S.D. dependent var		1.000000
S.E. of regression	0.672817	Akaike info criterion		2.094020
Sum squared resid	60.20678	Schwarz criterion		2.241102
Log likelihood	-139.5814	Hannan-Quinn criter.		2.153789
F-statistic	29.00973	Durbin-Watson stat		0.157373
Prob(F-statistic)	0.000000			

Lampiran 4e. Uji Hausman

Correlated Random Effects - Hausman Test

Equation: Untitled

Test cross-section random effects

Test Summary	Chi-Sq. Statistic	Chi-Sq. d.f.	Prob.
Cross-section random	45.328082	6	0.0000

Cross-section random effects test comparisons:

Variable	Fixed	Random	Var(Diff.)	Prob.
X1	0.273385	-0.026077	0.010389	0.0033
X2	0.312839	-0.613247	0.097426	0.0030
X3	0.003851	0.001873	0.000003	0.2716
X4	0.864546	-0.136728	0.070330	0.0002
X5	0.019923	0.035573	0.000062	0.0460
X6	0.014206	0.016311	0.000003	0.1877

Cross-section random effects test equation:

Dependent Variable: Y

Method: Panel Least Squares

Date: 03/17/23 Time: 21:40

Sample: 2018 2021

Periods included: 4

Cross-sections included: 35

Total panel (balanced) observations: 140

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-4.45E-07	0.007754	-5.75E-05	1.0000
X1	0.273385	0.131425	2.080169	0.0401
X2	0.312839	0.323379	0.967408	0.3357
X3	0.003851	0.009447	0.407671	0.6844
X4	0.864546	0.286799	3.014461	0.0033
X5	0.019923	0.018381	1.083869	0.2811
X6	0.014206	0.013198	1.076357	0.2844

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.994004	Mean dependent var	-2.62E-17
Adjusted R-squared	0.991582	S.D. dependent var	1.000000
S.E. of regression	0.091750	Akaike info criterion	-1.700316
Sum squared resid	0.833381	Schwarz criterion	-0.838835
Log likelihood	160.0221	Hannan-Quinn criter.	-1.350236
F-statistic	410.3315	Durbin-Watson stat	2.671909
Prob(F-statistic)	0.000000		

Lampiran 5a. Pemodelan Tingkat Kemiskinan dengan FEM efek Individu

5a. pengujian FEM efek individu semua variabel

Dependent Variable: Y

Method: Panel Least Squares

Date: 05/10/23 Time: 22:53

Sample: 2018 2021

Periods included: 4

Cross-sections included: 35

Total panel (balanced) observations: 140

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-4.45E-07	0.007754	-5.75E-05	1.0000
X1	0.273385	0.131425	2.080169	0.0401
X2	0.312839	0.323379	0.967408	0.3357
X3	0.003851	0.009447	0.407671	0.6844
X4	0.864546	0.286799	3.014461	0.0033
X5	0.019923	0.018381	1.083869	0.2811
X6	0.014206	0.013198	1.076357	0.2844

Lampiran 5b. Pengujian FEM individu variabel signifikan

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-3.86E-07	0.007720	-5.00E-05	1.0000
X1	0.205907	0.095369	2.159051	0.0332
X4	0.726984	0.165396	4.395426	0.0000

Lampiran 5c. Pengujian Serentak

Effects Specification			
Cross-section fixed (dummy variables)			
R-squared	0.994004	Mean dependent var	-2.62E-17
Adjusted R-squared	0.991582	S.D. dependent var	1.000000
S.E. of regression	0.091750	Akaike info criterion	-1.700316
Sum squared resid	0.833381	Schwarz criterion	-0.838835
Log likelihood	160.0221	Hannan-Quinn criter.	-1.350236
F-statistic	410.3315	Durbin-Watson stat	2.671909
Prob(F-statistic)	0.000000		

5d. Pengujian Parsial

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-3.86E-07	0.007720	-5.00E-05	1.0000
X1	0.205907	0.095369	2.159051	0.0332
X4	0.726984	0.165396	4.395426	0.0000

Lampiran 5e. Pengujian Asumsi Residual

Lampiran 5f. Uji Glejser

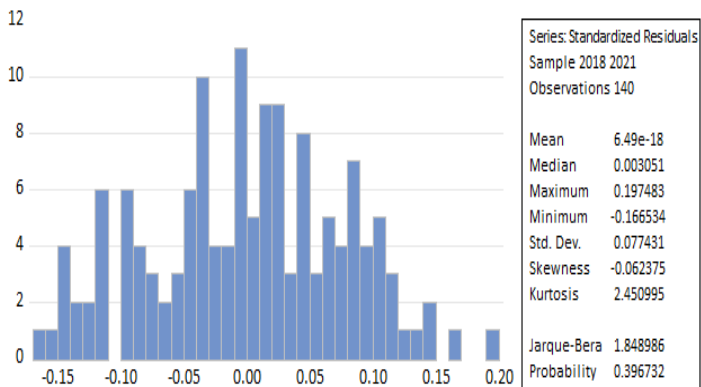
Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	0.062693	0.003423	18.31692	0.0000
X1	0.080473	0.042282	1.903261	0.0598
X4	-0.455008	0.073328	-6.205122	0.0000

Lampiran 5g. Uji Autokorelasi

Cross-section fixed (dummy variables)

R-squared	0.994004	Mean dependent var	-2.62E-17
Adjusted R-squared	0.991582	S.D. dependent var	1.000000
S.E. of regression	0.091750	Akaike info criterion	-1.700316
Sum squared resid	0.833381	Schwarz criterion	-0.838835
Log likelihood	160.0221	Hannan-Quinn criter.	-1.350236
F-statistic	410.3315	Durbin-Watson stat	2.671909
Prob(F-statistic)	0.000000		

Lampiran 5h. Uji Asumsi Berdistribusi Normal



Lampiran 7. INTERCEPT CROSS SECTION

KODE	Effect
C_1	3.578310
C_2	4.092074
C_3	7.315827
C_4	7.097694
C_5	10.49028
C_6	2.389375
C_7	13.08971
C_8	1.726304
C_9	-2.063236
C_10	-0.598900
C_11	-9.140910
C_12	-0.405616
C_13	-6.157481
C_14	2.373363
C_15	3.013198
C_16	3.637085
C_17	5.489349
C_18	-2.160533
C_19	-8.748913
C_20	-7.390124
C_21	-0.089332
C_22	-6.825988
C_23	-2.196644
C_24	-0.130691
C_25	-1.268283
C_26	1.932123
C_27	9.918007
C_28	4.498023
C_29	17.37067
C_30	-7.327612
C_31	-6.991515
C_32	-14.18538
C_33	-15.72507
C_34	-4.526498
C_35	-2.078670

Lampiran 8. FEM Efek Waktu Semua Variabel

Dependent Variable: Y

Method: Panel Least Squares

Date: 04/09/23 Time: 22:13

Sample: 2018 2021

Periods included: 4

Cross-sections included: 35

Total panel (balanced) observations: 140

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	1.04E-07	0.053772	1.93E-06	1.0000
X1	-0.191604	0.090569	-2.115571	0.0363
X2	-0.278214	0.060333	-4.611346	0.0000
X3	-0.058266	0.055858	-1.043109	0.2988
X4	-0.475092	0.096795	-4.908234	0.0000
X5	-0.371750	0.083837	-4.434209	0.0000
X6	-0.133297	0.063386	-2.102942	0.0374

8a. Pengujian Serentak

Effects Specification			
Period fixed (dummy variables)			
R-squared	0.621404	Mean dependent var	-2.62E-17
Adjusted R-squared	0.595193	S.D. dependent var	1.000000
S.E. of regression	0.636244	Akaike info criterion	2.002281
Sum squared resid	52.62488	Schwarz criterion	2.212398
Log likelihood	-130.1597	Hannan-Quinn criter.	2.087666
F-statistic	23.70818	Durbin-Watson stat	0.163966
Prob(F-statistic)	0.000000		

8b. Pengujian Parsial

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	9.97E-08	0.053791	1.85E-06	1.0000
X1	-0.199931	0.090246	-2.215386	0.0285
X2	-0.281754	0.060257	-4.675842	0.0000
X4	-0.474540	0.096826	-4.900960	0.0000
X5	-0.364843	0.083603	-4.363994	0.0000
X6	-0.135431	0.063374	-2.137006	0.0345

8c. Pengujian Asumsi Residual

8d. Uji Glejser

Dependent Variable: ABS(RESID)

Method: Panel Least Squares

Date: 05/11/23 Time: 17:21

Sample: 2018 2021

Periods included: 4

Cross-sections included: 35

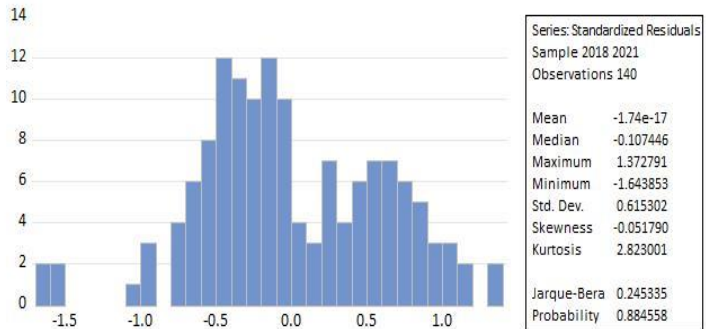
Total panel (balanced) observations: 140

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	0.006195	0.000562	11.03099	0.0000
X1	-0.000648	0.000942	-0.687871	0.4928
X2	4.34E-05	0.000629	0.068946	0.9451
X4	-0.000271	0.001011	-0.268474	0.7888
X5	0.000643	0.000873	0.736765	0.4626
X6	-0.000826	0.000662	-1.248742	0.2140

8e. Pengujian Autokorelasi

Effects Specification			
Period fixed (dummy variables)			
R-squared	0.621404	Mean dependent var	-2.62E-17
Adjusted R-squared	0.595193	S.D. dependent var	1.000000
S.E. of regression	0.636244	Akaike info criterion	2.002281
Sum squared resid	52.62488	Schwarz criterion	2.212398
Log likelihood	-130.1597	Hannan-Quinn criter.	2.087666
F-statistic	23.70818	Durbin-Watson stat	0.163966
Prob(F-statistic)	0.000000		

8f. Uji Berdistribusi Normal



Lampiran 8. INTERCEPT TIME SERIES

DATEID	Effect
C_1	-0.746130
C_2	-1.220252
C_3	0.841404
C_4	1.124978