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LAMPIRAN

TABULASI DATA

Provinsi	Tahun	X1	X2	X3	Y	Z
Aceh	2015	-0.73	69.45	17.11	74.83	2.03
Aceh	2016	3.29	70.00	16.43	73.55	3.19
Aceh	2017	4.18	70.60	15.92	77.70	3.98
Aceh	2018	4.61	71.19	15.68	79.36	4.51
Aceh	2019	4.14	71.90	15.01	76.12	4.04
Sumatera Utara	2015	5.10	69.51	10.79	69.37	4.96
Sumatera Utara	2016	5.18	70.00	10.27	66.47	5.08
Sumatera Utara	2017	5.12	70.57	9.28	69.77	5.02
Sumatera Utara	2018	5.18	71.18	8.94	64.41	5.08
Sumatera Utara	2019	5.22	71.74	8.63	62.49	5.12
Sumatera Barat	2015	5.53	69.98	6.71	59.07	5.43
Sumatera Barat	2016	5.27	70.73	7.14	60.06	5.17
Sumatera Barat	2017	5.30	71.24	6.75	68.16	5.20
Sumatera Barat	2018	5.14	71.73	6.55	78.69	4.04
Sumatera Barat	2019	5.01	72.39	6.29	69.64	4.89
Riau	2015	0.22	70.84	8.82	53.07	2.01
Riau	2016	2.18	71.20	7.67	56.73	2.08
Riau	2017	2.66	71.79	7.41	68.64	2.56
Riau	2018	2.35	72.44	7.21	68.43	2.25
Riau	2019	2.81	73.00	6.90	62.47	2.71
Jambi	2015	4.21	68.89	9.12	61.85	4.11
Jambi	2016	4.37	69.62	8.37	64.01	4.27
Jambi	2017	4.60	69.99	7.90	64.98	4.50
Jambi	2018	4.69	70.65	7.85	71.00	4.49
Jambi	2019	4.35	71.26	7.51	68.06	4.24
Sumatera Selatan	2015	4.42	67.46	13.77	69.06	4.33

Provinsi	Tahun	X1	X2	X3	Y	Z
Sumatera Selatan	2016	5.04	68.24	13.39	67.27	4.89
Sumatera Selatan	2017	5.51	68.86	13.10	69.18	5.42
Sumatera Selatan	2018	6.01	69.39	12.82	68.11	5.78
Sumatera Selatan	2019	5.69	70.02	12.56	61.41	5.58
Bengkulu	2015	5.13	68.59	17.16	76.92	5.00
Bengkulu	2016	5.28	69.33	17.03	72.43	5.14
Bengkulu	2017	4.98	69.95	15.59	70.18	4.88
Bengkulu	2018	4.97	70.64	15.41	74.32	4.87
Bengkulu	2019	4.94	71.21	14.91	64.41	4.83
Lampung	2015	5.13	66.95	13.53	63.04	5.01
Lampung	2016	5.14	67.65	13.86	60.34	5.04
Lampung	2017	5.16	68.25	13.04	59.72	5.06
Lampung	2018	5.23	69.02	13.01	59.89	5.13
Lampung	2019	5.26	69.57	12.30	57.37	5.16
Kep. Bangka Belitung	2015	4.08	69.05	4.83	71.26	3.97
Kep. Bangka Belitung	2016	4.10	69.55	5.04	66.88	4.00
Kep. Bangka Belitung	2017	4.47	69.99	5.30	67.85	4.37
Kep. Bangka Belitung	2018	4.45	70.67	4.77	67.68	4.35
Kep. Bangka Belitung	2019	3.32	71.30	4.50	64.85	3.21
Kepulauan Riau	2015	6.02	73.75	5.78	73.11	5.79
Kepulauan Riau	2016	4.98	73.99	5.84	70.19	4.86
Kepulauan Riau	2017	1.98	74.45	6.13	70.34	1.88
Kepulauan Riau	2018	4.47	74.84	5.83	66.50	4.36
Kepulauan Riau	2019	4.83	75.48	5.80	67.00	4.71
DKI Jakarta	2015	5.91	78.99	3.61	43.79	5.80
DKI Jakarta	2016	5.87	79.60	3.75	38.69	5.76
DKI Jakarta	2017	6.20	80.06	3.78	35.78	6.09
DKI Jakarta	2018	6.11	80.47	3.55	45.21	6.00

Provinsi	Tahun	X1	X2	X3	Y	Z
DKI Jakarta	2019	5.82	80.76	3.42	42.84	5.72
Jawa Barat	2015	5.05	69.50	9.57	69.49	4.87
Jawa Barat	2016	5.66	70.05	8.77	51.87	5.54
Jawa Barat	2017	5.33	70.69	7.83	50.26	5.20
Jawa Barat	2018	5.65	71.30	7.25	56.98	5.54
Jawa Barat	2019	5.02	72.03	6.82	51.64	4.88
Jawa Tengah	2015	5.47	69.49	13.32	60.78	5.37
Jawa Tengah	2016	5.25	69.98	13.19	58.75	5.15
Jawa Tengah	2017	5.26	70.52	12.23	58.16	5.16
Jawa Tengah	2018	5.30	71.12	11.19	68.27	5.20
Jawa Tengah	2019	5.36	71.73	10.58	60.97	5.15
DI Yogyakarta	2015	4.95	77.59	13.16	50.99	4.67
DI Yogyakarta	2016	5.05	78.38	13.10	51.37	4.95
DI Yogyakarta	2017	5.26	78.89	12.36	49.80	5.16
DI Yogyakarta	2018	6.20	79.53	11.81	62.98	5.98
DI Yogyakarta	2019	6.59	79.99	11.44	49.24	6.10
Jawa Timur	2015	5.44	68.95	12.28	62.67	5.22
Jawa Timur	2016	5.57	69.74	11.85	58.98	5.10
Jawa Timur	2017	5.46	70.27	11.20	57.46	5.06
Jawa Timur	2018	5.47	70.77	10.85	67.08	5.08
Jawa Timur	2019	5.53	71.50	10.20	60.25	5.12
Banten	2015	5.45	70.27	5.75	55.36	5.34
Banten	2016	5.28	70.96	5.36	60.00	5.09
Banten	2017	5.75	71.42	5.59	51.58	5.29
Banten	2018	5.77	71.95	5.25	57.00	4.99
Banten	2019	5.26	72.44	4.94	51.09	4.28
Bali	2015	6.03	73.27	5.25	73.71	5.69
Bali	2016	6.33	73.65	4.15	72.59	5.99

Provinsi	Tahun	X1	X2	X3	Y	Z
Bali	2017	5.56	74.30	4.14	70.11	5.98
Bali	2018	6.31	74.77	3.91	66.62	5.90
Bali	2019	5.60	75.38	3.61	63.09	5.10
Nusa Tenggara Barat	2015	21.76	65.19	16.54	58.82	10.47
Nusa Tenggara Barat	2016	5.81	65.81	16.02	56.53	5.29
Nusa Tenggara Barat	2017	0.09	66.58	15.05	56.99	2.8
Nusa Tenggara Barat	2018	-4.50	67.30	14.63	75.16	1.9
Nusa Tenggara Barat	2019	3.90	68.14	13.88	64.56	3.84
Nusa Tenggara Timur	2015	4.92	62.67	22.58	63.79	4.79
Nusa Tenggara Timur	2016	5.12	63.13	22.01	59.23	5.01
Nusa Tenggara Timur	2017	5.11	63.73	21.38	61.92	4.99
Nusa Tenggara Timur	2018	5.11	64.39	21.03	69.01	4.99
Nusa Tenggara Timur	2019	5.25	65.23	20.62	69.67	5.15
Kalimantan Barat	2015	4.88	65.59	8.44	75.88	4.76
Kalimantan Barat	2016	5.20	65.88	8.00	72.24	5.10
Kalimantan Barat	2017	5.17	66.26	7.86	74.17	5.03
Kalimantan Barat	2018	5.07	66.98	7.37	73.09	4.89
Kalimantan Barat	2019	5.09	67.65	7.28	65.92	4.89
Kalimantan Tengah	2015	7.01	68.53	5.91	74.09	6.45
Kalimantan Tengah	2016	6.35	69.13	5.36	74.71	5.46
Kalimantan Tengah	2017	6.73	69.79	5.26	71.47	5.75
Kalimantan Tengah	2018	5.61	70.42	5.10	75.71	4.89
Kalimantan Tengah	2019	6.12	70.91	4.81	74.20	5.69
Kalimantan Selatan	2015	3.82	68.38	4.72	57.47	3.93
Kalimantan Selatan	2016	4.40	69.05	4.52	59.07	4.30
Kalimantan Selatan	2017	5.28	69.65	4.70	69.38	5.18
Kalimantan Selatan	2018	5.08	70.17	4.65	68.78	4.88
Kalimantan Selatan	2019	4.09	70.72	4.47	61.94	3.97

Provinsi	Tahun	X1	X2	X3	Y	Z
Kalimantan Timur	2015	-1.20	74.17	6.10	81.15	2.03
Kalimantan Timur	2016	-0.38	74.59	6.00	76.85	2.00
Kalimantan Timur	2017	3.13	75.12	6.08	75.65	3.04
Kalimantan Timur	2018	2.64	75.83	6.06	85.90	2.54
Kalimantan Timur	2019	4.70	76.61	5.91	80.87	4.60
Kalimantan Utara	2015	3.40	68.76	6.32	0.00	3.30
Kalimantan Utara	2016	3.55	69.20	6.99	0.00	3.40
Kalimantan Utara	2017	6.80	69.84	6.96	81.87	5.79
Kalimantan Utara	2018	5.36	70.56	6.86	86.88	5.10
Kalimantan Utara	2019	6.89	71.15	6.49	78.98	5.99
Sulawesi Utara	2015	6.12	70.39	8.98	66.27	6.02
Sulawesi Utara	2016	6.16	71.05	8.20	67.07	5.99
Sulawesi Utara	2017	6.31	71.66	7.90	70.81	6.01
Sulawesi Utara	2018	6.00	72.20	7.59	74.95	5.89
Sulawesi Utara	2019	5.65	72.99	7.51	65.15	5.45
Sulawesi Tengah	2015	15.50	66.76	14.07	67.01	9.30
Sulawesi Tengah	2016	9.94	67.47	14.09	68.78	6.42
Sulawesi Tengah	2017	7.10	68.11	14.22	73.24	6.93
Sulawesi Tengah	2018	20.60	68.88	13.69	74.83	10.24
Sulawesi Tengah	2019	8.83	69.50	13.18	67.61	7.94
Sulawesi Selatan	2015	7.19	69.15	10.12	76.43	6.49
Sulawesi Selatan	2016	7.42	69.76	9.24	70.54	7.19
Sulawesi Selatan	2017	7.21	70.34	9.48	69.39	6.90
Sulawesi Selatan	2018	7.04	70.90	8.87	83.34	6.04
Sulawesi Selatan	2019	6.91	71.66	8.56	80.23	6.00
Sulawesi Tenggara	2015	6.88	68.75	13.74	75.18	6.78
Sulawesi Tenggara	2016	6.51	69.31	12.77	75.24	6.41
Sulawesi Tenggara	2017	6.76	69.86	11.97	70.86	6.65

Provinsi	Tahun	X1	X2	X3	Y	Z
Sulawesi Tenggara	2018	6.40	70.61	11.32	83.17	6.40
Sulawesi Tenggara	2019	6.50	71.20	11.04	72.03	6.40
Gorontalo	2015	6.22	65.86	18.16	71.08	6.19
Gorontalo	2016	6.52	66.29	17.63	69.30	6.39
Gorontalo	2017	6.73	67.01	17.14	67.46	6.27
Gorontalo	2018	6.49	67.71	15.83	84.09	6.19
Gorontalo	2019	6.40	68.49	15.31	74.97	6.26
Sulawesi Barat	2015	7.31	62.96	11.90	68.78	7.02
Sulawesi Barat	2016	6.01	63.60	11.19	64.54	5.38
Sulawesi Barat	2017	5.73	64.30	11.18	74.47	5.53
Sulawesi Barat	2018	5.77	65.10	11.22	79.89	5.17
Sulawesi Barat	2019	4.52	65.73	10.95	72.03	4.35
Maluku	2015	5.48	67.05	19.36	76.33	5.38
Maluku	2016	6.39	67.60	19.26	71.66	6.28
Maluku	2017	5.82	68.19	18.29	75.12	5.72
Maluku	2018	7.67	68.87	17.85	81.23	7.38
Maluku	2019	4.02	69.45	17.65	79.55	3.68
Maluku Utara	2015	6.10	65.91	6.22	75.97	5.69
Maluku Utara	2016	6.26	66.63	6.41	72.46	5.73
Maluku Utara	2017	5.91	67.20	6.44	74.55	5.03
Maluku Utara	2018	7.86	67.76	6.62	88.25	7.27
Maluku Utara	2019	6.25	68.70	6.91	78.44	6.02
Papua Barat	2015	4.15	61.73	25.73	82.33	4.00
Papua Barat	2016	5.56	62.21	24.88	83.01	5.15
Papua Barat	2017	5.41	62.99	23.12	85.69	5.13
Papua Barat	2018	6.25	63.74	22.66	91.50	6.15
Papua Barat	2019	2.66	64.70	21.51	83.96	2.55
Papua	2015	7.35	57.25	28.40	81.01	7.00

Provinsi	Tahun	X1	X2	X3	Y	Z
Papua	2016	-2.40	58.05	28.40	81.35	2.01
Papua	2017	-0.92	59.09	27.76	81.47	2.03
Papua	2018	5.35	60.06	27.43	83.88	5.25
Papua	2019	-0.76	60.84	26.55	81.79	2.00

INTERAKSI VARIABEL

Provinsi	Tahun	X1	X2	X3	Y	Z	X1Z	X2Z	X3Z
Aceh	2015	-0.73	69.45	17.11	74.83	2.03	-1.4819	140.98	34.7333
Aceh	2016	3.29	70.00	16.43	73.55	3.19	10.4951	223.30	52.4117
Aceh	2017	4.18	70.60	15.92	77.70	3.98	16.6364	280.99	63.3616
Aceh	2018	4.61	71.19	15.68	79.36	4.51	20.7911	321.07	70.7168
Aceh	2019	4.14	71.90	15.01	76.12	4.04	16.7256	290.48	60.6404
Sumatera Utara	2015	5.10	69.51	10.79	69.37	4.96	25.296	344.76	53.5184
Sumatera Utara	2016	5.18	70.00	10.27	66.47	5.08	26.3144	355.60	52.1716
Sumatera Utara	2017	5.12	70.57	9.28	69.77	5.02	25.7024	354.26	46.5856
Sumatera Utara	2018	5.18	71.18	8.94	64.41	5.08	26.3144	361.59	45.4152
Sumatera Utara	2019	5.22	71.74	8.63	62.49	5.12	26.7264	367.31	44.1856
Sumatera Barat	2015	5.53	69.98	6.71	59.07	5.43	30.0279	379.99	36.4353
Sumatera Barat	2016	5.27	70.73	7.14	60.06	5.17	27.2459	365.67	36.9138
Sumatera Barat	2017	5.30	71.24	6.75	68.16	5.20	27.56	370.45	35.1
Sumatera Barat	2018	5.14	71.73	6.55	78.69	4.04	20.7656	289.79	26.462
Sumatera Barat	2019	5.01	72.39	6.29	69.64	4.89	24.4989	353.99	30.7581
Riau	2015	0.22	70.84	8.82	53.07	2.01	0.4422	142.39	17.7282

Provinsi	Tahun	X1	X2	X3	Y	Z	X1Z	X2Z	X3Z
Riau	2016	2.18	71.20	7.67	56.73	2.08	4.5344	148.10	15.9536
Riau	2017	2.66	71.79	7.41	68.64	2.56	6.8096	183.78	18.9696
Riau	2018	2.35	72.44	7.21	68.43	2.25	5.2875	162.99	16.2225
Riau	2019	2.81	73.00	6.90	62.47	2.71	7.6151	197.83	18.699
Jambi	2015	4.21	68.89	9.12	61.85	4.11	17.3031	283.13	37.4832
Jambi	2016	4.37	69.62	8.37	64.01	4.27	18.6599	297.28	35.7399
Jambi	2017	4.60	69.99	7.90	64.98	4.50	20.7	314.96	35.55
Jambi	2018	4.69	70.65	7.85	71.00	4.49	21.0581	317.22	35.2465
Jambi	2019	4.35	71.26	7.51	68.06	4.24	18.444	302.14	31.8424
Sumatera Selatan	2015	4.42	67.46	13.77	69.06	4.33	19.1386	292.12	59.6241
Sumatera Selatan	2016	5.04	68.24	13.39	67.27	4.89	24.6456	333.69	65.4771
Sumatera Selatan	2017	5.51	68.86	13.10	69.18	5.42	29.8642	373.22	71.002
Sumatera Selatan	2018	6.01	69.39	12.82	68.11	5.78	34.7378	401.07	74.0996
Sumatera Selatan	2019	5.69	70.02	12.56	61.41	5.58	31.7502	390.71	70.0848
Bengkulu	2015	5.13	68.59	17.16	76.92	5.00	25.65	342.94	85.8
Bengkulu	2016	5.28	69.33	17.03	72.43	5.14	27.1392	356.36	87.5342
Bengkulu	2017	4.98	69.95	15.59	70.18	4.88	24.3024	341.36	76.0792

Provinsi	Tahun	X1	X2	X3	Y	Z	X1Z	X2Z	X3Z
Bengkulu	2018	4.97	70.64	15.41	74.32	4.87	24.2039	344.02	75.0467
Bengkulu	2019	4.94	71.21	14.91	64.41	4.83	23.8602	343.94	72.0153
Lampung	2015	5.13	66.95	13.53	63.04	5.01	25.7013	335.40	67.7853
Lampung	2016	5.14	67.65	13.86	60.34	5.04	25.9056	340.96	69.8544
Lampung	2017	5.16	68.25	13.04	59.72	5.06	26.1096	345.35	65.9824
Lampung	2018	5.23	69.02	13.01	59.89	5.13	26.8299	354.07	66.7413
Lampung	2019	5.26	69.57	12.30	57.37	5.16	27.1416	358.98	63.468
Kep. Bangka Belitung	2015	4.08	69.05	4.83	71.26	3.97	16.1976	274.11	19.1751
Kep. Bangka Belitung	2016	4.10	69.55	5.04	66.88	4.00	16.4	278.20	20.16
Kep. Bangka Belitung	2017	4.47	69.99	5.30	67.85	4.37	19.5339	305.86	23.161
Kep. Bangka Belitung	2018	4.45	70.67	4.77	67.68	4.35	19.3575	307.41	20.7495
Kep. Bangka Belitung	2019	3.32	71.30	4.50	64.85	3.21	10.6572	228.87	14.445
Kepulauan Riau	2015	6.02	73.75	5.78	73.11	5.79	34.8558	427.00	33.4662
Kepulauan Riau	2016	4.98	73.99	5.84	70.19	4.86	24.2028	359.59	28.3824
Kepulauan Riau	2017	1.98	74.45	6.13	70.34	1.88	3.7224	139.97	11.5244
Kepulauan Riau	2018	4.47	74.84	5.83	66.50	4.36	19.4892	326.30	25.4188
Kepulauan Riau	2019	4.83	75.48	5.80	67.00	4.71	22.7493	355.51	27.318

Provinsi	Tahun	X1	X2	X3	Y	Z	X1Z	X2Z	X3Z
DKI Jakarta	2015	5.91	78.99	3.61	43.79	5.80	34.278	458.15	20.938
DKI Jakarta	2016	5.87	79.60	3.75	38.69	5.76	33.8112	458.50	21.6
DKI Jakarta	2017	6.20	80.06	3.78	35.78	6.09	37.758	487.57	23.0202
DKI Jakarta	2018	6.11	80.47	3.55	45.21	6.00	36.66	482.82	21.3
DKI Jakarta	2019	5.82	80.76	3.42	42.84	5.72	33.2904	461.95	19.5624
Jawa Barat	2015	5.05	69.50	9.57	69.49	4.87	24.5935	338.46	46.6059
Jawa Barat	2016	5.66	70.05	8.77	51.87	5.54	31.3564	388.08	48.5858
Jawa Barat	2017	5.33	70.69	7.83	50.26	5.20	27.716	367.59	40.716
Jawa Barat	2018	5.65	71.30	7.25	56.98	5.54	31.301	395.00	40.165
Jawa Barat	2019	5.02	72.03	6.82	51.64	4.88	24.4976	351.51	33.2816
Jawa Tengah	2015	5.47	69.49	13.32	60.78	5.37	29.3739	373.19	71.5284
Jawa Tengah	2016	5.25	69.98	13.19	58.75	5.15	27.0375	360.40	67.9285
Jawa Tengah	2017	5.26	70.52	12.23	58.16	5.16	27.1416	363.88	63.1068
Jawa Tengah	2018	5.30	71.12	11.19	68.27	5.20	27.56	369.82	58.188
Jawa Tengah	2019	5.36	71.73	10.58	60.97	5.15	27.604	369.41	54.487
DI Yogyakarta	2015	4.95	77.59	13.16	50.99	4.67	23.1165	362.36	61.4572
DI Yogyakarta	2016	5.05	78.38	13.10	51.37	4.95	24.9975	387.98	64.845

Provinsi	Tahun	X1	X2	X3	Y	Z	X1Z	X2Z	X3Z
DI Yogyakarta	2017	5.26	78.89	12.36	49.80	5.16	27.1416	407.07	63.7776
DI Yogyakarta	2018	6.20	79.53	11.81	62.98	5.98	37.076	475.59	70.6238
DI Yogyakarta	2019	6.59	79.99	11.44	49.24	6.10	40.199	487.94	69.784
Jawa Timur	2015	5.44	68.95	12.28	62.67	5.22	28.3968	359.92	64.1016
Jawa Timur	2016	5.57	69.74	11.85	58.98	5.10	28.407	355.67	60.435
Jawa Timur	2017	5.46	70.27	11.20	57.46	5.06	27.6276	355.57	56.672
Jawa Timur	2018	5.47	70.77	10.85	67.08	5.08	27.7876	359.51	55.118
Jawa Timur	2019	5.53	71.50	10.20	60.25	5.12	28.3136	366.08	52.224
Banten	2015	5.45	70.27	5.75	55.36	5.34	29.103	375.25	30.705
Banten	2016	5.28	70.96	5.36	60.00	5.09	26.8752	361.19	27.2824
Banten	2017	5.75	71.42	5.59	51.58	5.29	30.4175	377.81	29.5711
Banten	2018	5.77	71.95	5.25	57.00	4.99	28.7923	359.03	26.1975
Banten	2019	5.26	72.44	4.94	51.09	4.28	22.5128	310.04	21.1432
Bali	2015	6.03	73.27	5.25	73.71	5.69	34.3107	416.88	29.8725
Bali	2016	6.33	73.65	4.15	72.59	5.99	37.9167	441.16	24.8585
Bali	2017	5.56	74.30	4.14	70.11	5.98	33.2488	444.31	24.7572
Bali	2018	6.31	74.77	3.91	66.62	5.90	37.229	441.14	23.069

Provinsi	Tahun	X1	X2	X3	Y	Z	X1Z	X2Z	X3Z
Bali	2019	5.60	75.38	3.61	63.09	5.10	28.56	384.44	18.411
Nusa Tenggara Barat	2015	21.76	65.19	16.54	58.82	10.47	227.8272	682.55	173.1738
Nusa Tenggara Barat	2016	5.81	65.81	16.02	56.53	5.29	30.7349	348.13	84.7458
Nusa Tenggara Barat	2017	0.09	66.58	15.05	56.99	2.8	0.252	186.42	42.14
Nusa Tenggara Barat	2018	-4.50	67.30	14.63	75.16	1.9	-8.55	127.87	27.797
Nusa Tenggara Barat	2019	3.90	68.14	13.88	64.56	3.84	14.976	261.66	53.2992
Nusa Tenggara Timur	2015	4.92	62.67	22.58	63.79	4.79	23.5668	300.21	108.1582
Nusa Tenggara Timur	2016	5.12	63.13	22.01	59.23	5.01	25.6512	316.28	110.2701
Nusa Tenggara Timur	2017	5.11	63.73	21.38	61.92	4.99	25.4989	318.01	106.6862
Nusa Tenggara Timur	2018	5.11	64.39	21.03	69.01	4.99	25.4989	321.31	104.9397
Nusa Tenggara Timur	2019	5.25	65.23	20.62	69.67	5.15	27.0375	335.93	106.193
Kalimantan Barat	2015	4.88	65.59	8.44	75.88	4.76	23.2288	312.19	40.1744
Kalimantan Barat	2016	5.20	65.88	8.00	72.24	5.10	26.52	335.99	40.8
Kalimantan Barat	2017	5.17	66.26	7.86	74.17	5.03	26.0051	333.29	39.5358
Kalimantan Barat	2018	5.07	66.98	7.37	73.09	4.89	24.7923	327.53	36.0393
Kalimantan Barat	2019	5.09	67.65	7.28	65.92	4.89	24.8901	330.81	35.5992
Kalimantan Tengah	2015	7.01	68.53	5.91	74.09	6.45	45.2145	442.02	38.1195

Provinsi	Tahun	X1	X2	X3	Y	Z	X1Z	X2Z	X3Z
Kalimantan Tengah	2016	6.35	69.13	5.36	74.71	5.46	34.671	377.45	29.2656
Kalimantan Tengah	2017	6.73	69.79	5.26	71.47	5.75	38.6975	401.29	30.245
Kalimantan Tengah	2018	5.61	70.42	5.10	75.71	4.89	27.4329	344.35	24.939
Kalimantan Tengah	2019	6.12	70.91	4.81	74.20	5.69	34.8228	403.48	27.3689
Kalimantan Selatan	2015	3.82	68.38	4.72	57.47	3.93	15.0126	268.74	18.5496
Kalimantan Selatan	2016	4.40	69.05	4.52	59.07	4.30	18.92	296.92	19.436
Kalimantan Selatan	2017	5.28	69.65	4.70	69.38	5.18	27.3504	360.79	24.346
Kalimantan Selatan	2018	5.08	70.17	4.65	68.78	4.88	24.7904	342.43	22.692
Kalimantan Selatan	2019	4.09	70.72	4.47	61.94	3.97	16.2373	280.76	17.7459
Kalimantan Timur	2015	-1.20	74.17	6.10	81.15	2.03	-2.436	150.57	12.383
Kalimantan Timur	2016	-0.38	74.59	6.00	76.85	2.00	-0.76	149.18	12
Kalimantan Timur	2017	3.13	75.12	6.08	75.65	3.04	9.5152	228.36	18.4832
Kalimantan Timur	2018	2.64	75.83	6.06	85.90	2.54	6.7056	192.61	15.3924
Kalimantan Timur	2019	4.70	76.61	5.91	80.87	4.60	21.62	352.41	27.186
Kalimantan Utara	2015	3.40	68.76	6.32	0.00	3.30	11.22	226.92	20.856
Kalimantan Utara	2016	3.55	69.20	6.99	0.00	3.40	12.07	235.28	23.766
Kalimantan Utara	2017	6.80	69.84	6.96	81.87	5.79	39.372	404.37	40.2984

Provinsi	Tahun	X1	X2	X3	Y	Z	X1Z	X2Z	X3Z
Kalimantan Utara	2018	5.36	70.56	6.86	86.88	5.10	27.336	359.86	34.986
Kalimantan Utara	2019	6.89	71.15	6.49	78.98	5.99	41.2711	426.19	38.8751
Sulawesi Utara	2015	6.12	70.39	8.98	66.27	6.02	36.8424	423.73	54.0596
Sulawesi Utara	2016	6.16	71.05	8.20	67.07	5.99	36.8984	425.59	49.118
Sulawesi Utara	2017	6.31	71.66	7.90	70.81	6.01	37.9231	430.68	47.479
Sulawesi Utara	2018	6.00	72.20	7.59	74.95	5.89	35.34	425.26	44.7051
Sulawesi Utara	2019	5.65	72.99	7.51	65.15	5.45	30.7925	397.80	40.9295
Sulawesi Tengah	2015	15.50	66.76	14.07	67.01	9.30	144.15	620.84	130.851
Sulawesi Tengah	2016	9.94	67.47	14.09	68.78	6.42	63.8148	433.16	90.4578
Sulawesi Tengah	2017	7.10	68.11	14.22	73.24	6.93	49.203	472.00	98.5446
Sulawesi Tengah	2018	20.60	68.88	13.69	74.83	10.24	210.944	705.33	140.1856
Sulawesi Tengah	2019	8.83	69.50	13.18	67.61	7.94	70.1102	551.83	104.6492
Sulawesi Selatan	2015	7.19	69.15	10.12	76.43	6.49	46.6631	448.77	65.6788
Sulawesi Selatan	2016	7.42	69.76	9.24	70.54	7.19	53.3498	501.57	66.4356
Sulawesi Selatan	2017	7.21	70.34	9.48	69.39	6.90	49.749	485.35	65.412
Sulawesi Selatan	2018	7.04	70.90	8.87	83.34	6.04	42.5216	428.24	53.5748
Sulawesi Selatan	2019	6.91	71.66	8.56	80.23	6.00	41.46	429.96	51.36

Provinsi	Tahun	X1	X2	X3	Y	Z	X1Z	X2Z	X3Z
Sulawesi Tenggara	2015	6.88	68.75	13.74	75.18	6.78	46.6464	466.12	93.1572
Sulawesi Tenggara	2016	6.51	69.31	12.77	75.24	6.41	41.7291	444.28	81.8557
Sulawesi Tenggara	2017	6.76	69.86	11.97	70.86	6.65	44.954	464.57	79.6005
Sulawesi Tenggara	2018	6.40	70.61	11.32	83.17	6.40	40.96	451.90	72.448
Sulawesi Tenggara	2019	6.50	71.20	11.04	72.03	6.40	41.6	455.68	70.656
Gorontalo	2015	6.22	65.86	18.16	71.08	6.19	38.5018	407.65	112.4104
Gorontalo	2016	6.52	66.29	17.63	69.30	6.39	41.6628	423.59	112.6557
Gorontalo	2017	6.73	67.01	17.14	67.46	6.27	42.1971	420.15	107.4678
Gorontalo	2018	6.49	67.71	15.83	84.09	6.19	40.1731	419.12	97.9877
Gorontalo	2019	6.40	68.49	15.31	74.97	6.26	40.064	428.75	95.8406
Sulawesi Barat	2015	7.31	62.96	11.90	68.78	7.02	51.3162	442.00	83.538
Sulawesi Barat	2016	6.01	63.60	11.19	64.54	5.38	32.3338	342.17	60.2022
Sulawesi Barat	2017	5.73	64.30	11.18	74.47	5.53	31.6869	355.58	61.8254
Sulawesi Barat	2018	5.77	65.10	11.22	79.89	5.17	29.8309	336.57	58.0074
Sulawesi Barat	2019	4.52	65.73	10.95	72.03	4.35	19.662	285.93	47.6325
Maluku	2015	5.48	67.05	19.36	76.33	5.38	29.4824	360.75	104.1568
Maluku	2016	6.39	67.60	19.26	71.66	6.28	40.1292	424.53	120.9528

Provinsi	Tahun	X1	X2	X3	Y	Z	X1Z	X2Z	X3Z
Maluku	2017	5.82	68.19	18.29	75.12	5.72	33.2904	390.05	104.6188
Maluku	2018	7.67	68.87	17.85	81.23	7.38	56.6046	508.26	131.733
Maluku	2019	4.02	69.45	17.65	79.55	3.68	14.7936	255.58	64.952
Maluku Utara	2015	6.10	65.91	6.22	75.97	5.69	34.709	375.01	35.3918
Maluku Utara	2016	6.26	66.63	6.41	72.46	5.73	35.8698	381.79	36.7293
Maluku Utara	2017	5.91	67.20	6.44	74.55	5.03	29.7273	338.02	32.3932
Maluku Utara	2018	7.86	67.76	6.62	88.25	7.27	57.1422	492.62	48.1274
Maluku Utara	2019	6.25	68.70	6.91	78.44	6.02	37.625	413.57	41.5982
Papua Barat	2015	4.15	61.73	25.73	82.33	4.00	16.6	246.94	102.92
Papua Barat	2016	5.56	62.21	24.88	83.01	5.15	28.634	320.38	128.132
Papua Barat	2017	5.41	62.99	23.12	85.69	5.13	27.7533	323.14	118.6056
Papua Barat	2018	6.25	63.74	22.66	91.50	6.15	38.4375	392.00	139.359
Papua Barat	2019	2.66	64.70	21.51	83.96	2.55	6.783	164.99	54.8505
Papua	2015	7.35	57.25	28.40	81.01	7.00	51.45	400.73	198.8
Papua	2016	-2.40	58.05	28.40	81.35	2.01	-4.824	116.68	57.084
Papua	2017	-0.92	59.09	27.76	81.47	2.03	-1.8676	119.95	56.3528
Papua	2018	5.35	60.06	27.43	83.88	5.25	28.0875	315.32	144.0075

Provinsi	Tahun	X1	X2	X3	Y	Z	X1Z	X2Z	X3Z
Papua	2019	-0.76	60.84	26.55	81.79	2.00	-1.52	121.68	53.1

HASIL OLAH DATA

Uji Statistik deskriptif

	X1	X2	X3	Y	Z
Mean	5.301118	69.78312	10.97106	67.49371	5.070235
Median	5.290000	69.90500	9.380000	69.03500	5.125000
Maximum	21.76000	80.76000	28.40000	91.50000	10.47000
Minimum	-4.500000	57.25000	3.420000	0.000000	1.880000
Std. Dev.	2.693894	4.106506	5.824232	12.41163	1.393270
Skewness	1.925396	0.043947	1.028981	-2.037281	0.151205
Kurtosis	18.26227	4.207166	3.607719	11.77527	5.299901
Jarque-Bera	1755.006	10.37691	32.61541	663.0522	38.11541
Probability	0.000000	0.005581	0.000000	0.000000	0.000000
Sum	901.1900	11863.13	1865.080	11473.93	861.9400
Sum Sq. Dev.	1226.444	2849.913	5732.764	26034.20	328.0632
Observations	170	170	170	170	170

Uji Model

Chow Test (Common effect model atau Fixed effect model)

Redundant Fixed Effects Tests

Equation: Untitled

Test cross-section fixed effects

Effects Test	Statistic	d.f.	Prob.
Cross-section F	5.185652	(33,132)	0.0000
Cross-section Chi-square	141.329226	33	0.0000

Berdasarkan hasil estimasi uji chow diperoleh nilai prob. Chi square ($0.0000 < 0.05$) sehingga *fixed effect* merupakan nilai yang lebih baik daripada *common effect*.

Hausman Test (Fixed effect model atau Random effect model)

Correlated Random Effects - Hausman Test

Equation: Untitled

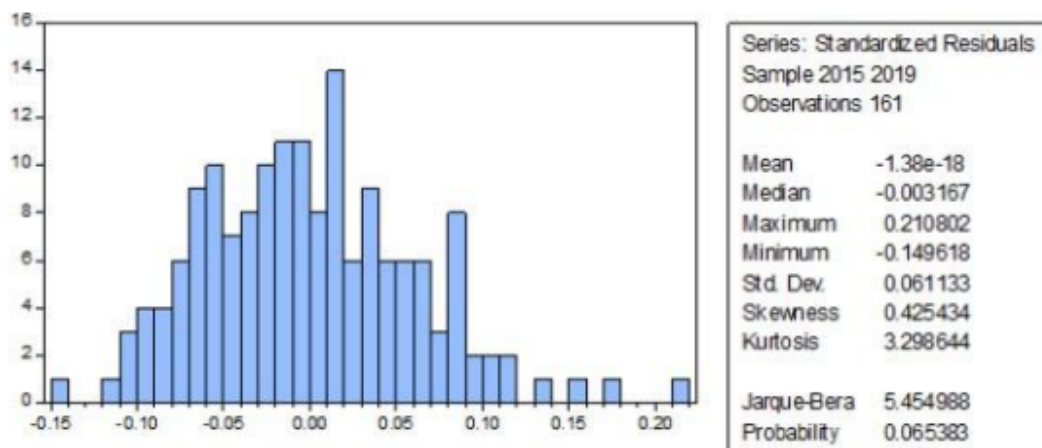
Test cross-section random effects

Test Summary	Chi-Sq. Statistic	Chi-Sq. d.f.	Prob.
Cross-section random	22.369606	4	0.0002

Berdasarkan hasil estimasi uji Hausman dapat dilihat bahwa nilai signifikansi probabilitas *cross section random* lebih kecil dari nilai signifikansi ($0.0002 < 0.05$). Sehingga dapat disimpulkan model yang dipilih adalah *fixed effect*.

UJI ASUMSI KLASIK

Uji Normalitas



Nilai probabilitas $0.065 > 0.05$ maka data terdistribusi normal.

Uji Multikolinearitas

X1	X3	X2	Y	Z
1.000000	-0.037003	0.000521	-0.003172	0.905487
-0.037003	1.000000	-0.675031	0.314730	0.011550
0.000521	-0.675031	1.000000	-0.366148	-0.018821
-0.003172	0.314730	-0.366148	1.000000	0.051412
0.905487	0.011550	-0.018821	0.051412	1.000000

Uji Heteroskedastisitas

Dependent Variable: RESABS
 Method: Panel Least Squares
 Date: 03/27/22 Time: 18:06
 Sample: 2015 2019
 Periods included: 5
 Cross-sections included: 34
 Total panel (balanced) observations: 170

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-4.581992	39.32083	-0.116528	0.9074
X1	0.226226	0.275492	0.821171	0.4130
X2	0.178333	0.479334	0.372043	0.7105
X3	0.096372	0.636920	0.151309	0.8800
Z	-1.079561	0.628323	-1.718164	0.0881

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.756291	Mean dependent var	4.645559
Adjusted R-squared	0.687978	S.D. dependent var	5.925528
S.E. of regression	3.309936	Akaike info criterion	5.425797
Sum squared resid	1446.150	Schwarz criterion	6.126740
Log likelihood	-423.1928	Hannan-Quinn criter.	5.710232
F-statistic	11.07104	Durbin-Watson stat	2.223499
Prob(F-statistic)	0.000000		

Uji Autokorelasi

Cross-section fixed (dummy variables)			
R-squared	0.631150	Mean dependent var	67.49371
Adjusted R-squared	0.527760	S.D. dependent var	12.41163
S.E. of regression	8.529235	Akaike info criterion	7.318939
Sum squared resid	9602.716	Schwarz criterion	8.019882
Log likelihood	-584.1098	Hannan-Quinn criter.	7.603373
F-statistic	6.104568	Durbin-Watson stat	1.514915
Prob(F-statistic)	0.000000		

Analisis Regresi Linear Berganda

□ Dependent Variable: Y

Method: Panel Least Squares

Date: 03/27/22 Time: 15:11

Sample: 2015 2019

Periods included: 5

Cross-sections included: 34

Total panel (balanced) observations: 170

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-290.5399	101.3242	-2.867429	0.0048
X1	-1.517227	0.709904	-2.137228	0.0344
X2	4.342741	1.235176	3.515889	0.0006
X3	-0.688857	1.047389	-0.657690	0.5119
Z	4.704896	1.619098	2.905875	0.0043

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.631150	Mean dependent var	67.49371
Adjusted R-squared	0.527760	S.D. dependent var	12.41163
S.E. of regression	8.529235	Akaike info criterion	7.318939
Sum squared resid	9602.716	Schwarz criterion	8.019882
Log likelihood	-584.1098	Hannan-Quinn criter.	7.603373
F-statistic	6.104568	Durbin-Watson stat	1.514915
Prob(F-statistic)	0.000000		

Dependent Variable: Y?

Method: Pooled EGLS (Cross-section weights)

Date: 07/30/22 Time: 15:46

Sample: 2015 2019

Included observations: 5

Cross-sections included: 34

Total pool (balanced) observations: 170

Linear estimation after one-step weighting matrix

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-55.67172	51.07343	-1.090033	0.2777
X1?	-0.884255	0.403432	-2.191830	0.0301
X2?	1.573627	0.611129	2.574952	0.0111
X3?	-0.587228	0.831767	0.706000	0.4814
Z?	2.298752	0.816520	2.815303	0.0056
Fixed Effects (Cross)				
_ACEH--C	6.007554			
_SUMUT--C	-1.600780			
_SUMBAR--C	0.076905			
_RIAU--C	-1.579061			
_JAMBI--C	0.577736			
_SUMSEL--C	-0.525418			
_BENGKULU--C	0.960501			
_LAMPUNG--C	-6.529245			
_BANGKABELITUNG--C	4.638784			
_RIAU--C	-1.579061			
_JAKARTA--C	-39.25948			
_JABAR--C	-11.52687			
_JATENG--C	-8.354121			
_JOGJA--C	-30.22939			
_JATIM--C	-7.105391			
_BANTEN--C	-11.47424			
_BALI--C	-2.356720			
_NTB--C	-2.052872			
_NTT--C	0.360060			
_KALBAR--C	11.90831			
_KALTENG--C	9.476664			
_KALSEL--C	0.551064			
_KALTIM--C	8.815435			
_KALTARA--C	-14.97403			
_SULUT--C	-1.109423			
_SULTENG--C	2.788147			
_SULSEL--C	6.829495			
_SULTRA--C	4.592433			
_GORONTALO--C	4.965773			
_SULBAR--C	12.30885			
_MALUKU--C	6.343970			
_MALUKUUTARA--C	16.02102			
_PAPUABARAT--C	21.55136			
_PAPUA--C	21.48204			

Effects Specification

Cross-section fixed (dummy variables)

Weighted Statistics

R-squared	0.870607	Mean dependent var	129.6269
Adjusted R-squared	0.834338	S.D. dependent var	74.46097
S.E. of regression	7.724332	Sum squared resid	7875.821
F-statistic	24.00403	Durbin-Watson stat	2.182544
Prob(F-statistic)	0.000000		

Unweighted Statistics

R-squared	0.608494	Mean dependent var	67.71606
Sum squared resid	10070.56	Durbin-Watson stat	1.386279

Hasil fixed effect cross section dapat diartikan:

1. Konstanta sebesar 55,67172 menyatakan bahwa jika nilai variabel eksogen dianggap konstan, maka nilai Indeks kualitas lingkungan hidup di Indonesia sebesar 55,67172.
2. Koefisien regresi Provinsi Aceh sebesar 6,007554 yang artinya apabila pertumbuhan ekonomi, indeks pembangunan manusia, kemiskinan dan green economy naik sebesar 1 persen maka akan meningkatkan indeks kelayakan lingkungan hidup sebesar 6,007554 persen.
3. Koefisien regresi Provinsi Sumatera Utara sebesar 1,6007554 yang artinya apabila pertumbuhan ekonomi, indeks pembangunan manusia, kemiskinan dan green economy naik sebesar 1 persen maka akan menurunkan indeks kelayakan lingkungan hidup sebesar 1,6007554 persen.
4. Koefisien regresi Provinsi Sumatera Barat sebesar 0,076905 yang artinya apabila pertumbuhan ekonomi, indeks pembangunan manusia, kemiskinan dan green economy naik sebesar 1 persen maka akan meningkatkan indeks kelayakan lingkungan hidup sebesar 0,076905 persen.
5. Koefisien regresi Provinsi Riau sebesar 1.579061 yang artinya apabila pertumbuhan ekonomi, indeks pembangunan manusia,

kemiskinan dan green economy naik sebesar 1 persen maka akan menurunkan indeks kelayakan lingkungan hidup sebesar 1.579061 persen.

6. Koefisien regresi Provinsi Jambi sebesar 0,577736 yang artinya apabila pertumbuhan ekonomi, indeks pembangunan manusia, kemiskinan dan green economy naik sebesar 1 persen maka akan meningkatkan indeks kelayakan lingkungan hidup sebesar 0,577736 persen.
7. Koefisien regresi Provinsi Sumatera Selatan sebesar 0,525418 yang artinya apabila pertumbuhan ekonomi, indeks pembangunan manusia, kemiskinan dan green economy naik sebesar 1 persen maka akan menurunkan indeks kelayakan lingkungan hidup sebesar 0,525418 persen.
8. Koefisien regresi Provinsi Bengkulu sebesar 0,960501 yang artinya apabila pertumbuhan ekonomi, indeks pembangunan manusia, kemiskinan dan green economy naik sebesar 1 persen maka akan menurunkan indeks kelayakan lingkungan hidup sebesar 0,960501 persen.
9. Koefisien regresi Provinsi Lampung sebesar 6,529245 yang artinya apabila pertumbuhan ekonomi, indeks pembangunan manusia, kemiskinan dan green economy naik sebesar 1 persen maka akan menurunkan indeks kelayakan lingkungan hidup sebesar 6,529245 persen.

10. Koefisien regresi Provinsi Bangka Belitung sebesar 4,638784 yang artinya apabila pertumbuhan ekonomi, indeks pembangunan manusia, kemiskinan dan green economy naik sebesar 1 persen maka akan menurunkan indeks kelayakan lingkungan hidup sebesar 4,638784 persen.
11. Koefisien regresi Provinsi DKI Jakarta sebesar 39,25948 yang artinya apabila pertumbuhan ekonomi, indeks pembangunan manusia, kemiskinan dan green economy naik sebesar 1 persen maka akan menurunkan indeks kelayakan lingkungan hidup sebesar 39,25948 persen.
12. Koefisien regresi Provinsi Jawa Barat sebesar 11,52687 yang artinya apabila pertumbuhan ekonomi, indeks pembangunan manusia, kemiskinan dan green economy naik sebesar 1 persen maka akan menurunkan indeks kelayakan lingkungan hidup sebesar 11,52687 persen.
13. Koefisien regresi Provinsi Jawa Tengah sebesar 8,354121 yang artinya apabila pertumbuhan ekonomi, indeks pembangunan manusia, kemiskinan dan green economy naik sebesar 1 persen maka akan menurunkan indeks kelayakan lingkungan hidup sebesar 8,354121 persen.
14. Koefisien regresi Provinsi Yogyakarta sebesar 30,22939 yang artinya apabila pertumbuhan ekonomi, indeks pembangunan manusia, kemiskinan dan green economy naik sebesar 1 persen

maka akan menurunkan indeks kelayakan lingkungan hidup sebesar 30,22939 persen.

15. Koefisien regresi Provinsi Jawa Timur sebesar 7,105391 yang artinya apabila pertumbuhan ekonomi, indeks pembangunan manusia, kemiskinan dan green economy naik sebesar 1 persen maka akan menurunkan indeks kelayakan lingkungan hidup sebesar 7,105391 persen.

16. Koefisien regresi Provinsi Banten sebesar 11,47424 yang artinya apabila pertumbuhan ekonomi, indeks pembangunan manusia, kemiskinan dan green economy naik sebesar 1 persen maka akan menurunkan indeks kelayakan lingkungan hidup sebesar 11,47424 persen.

17. Koefisien regresi Provinsi Bali sebesar 2,356720 yang artinya apabila pertumbuhan ekonomi, indeks pembangunan manusia, kemiskinan dan green economy naik sebesar 1 persen maka akan menurunkan indeks kelayakan lingkungan hidup sebesar 2,356720 persen.

18. Koefisien regresi Provinsi NTB sebesar 2,052872 yang artinya apabila pertumbuhan ekonomi, indeks pembangunan manusia, kemiskinan dan green economy naik sebesar 1 persen maka akan menurunkan indeks kelayakan lingkungan hidup sebesar 2,052872 persen.

19. Koefisien regresi Provinsi NTT sebesar 0,360060 yang artinya

apabila pertumbuhan ekonomi, indeks pembangunan manusia, kemiskinan dan green economy naik sebesar 1 persen maka akan meningkatkan indeks kelayakan lingkungan hidup sebesar 0,360060 persen.

20. Koefisien regresi Provinsi Kalimantan Barat sebesar 11,90831 yang artinya apabila pertumbuhan ekonomi, indeks pembangunan manusia, kemiskinan dan green economy naik sebesar 1 persen maka akan meningkatkan indeks kelayakan lingkungan hidup sebesar 11,90831 persen.

21. Koefisien regresi Provinsi Kalimantan Tengah sebesar 9,476664 yang artinya apabila pertumbuhan ekonomi, indeks pembangunan manusia, kemiskinan dan green economy naik sebesar 1 persen maka akan meningkatkan indeks kelayakan lingkungan hidup sebesar 9,476664 persen.

22. Koefisien regresi Provinsi Kalimantan Selatan sebesar 0,551064 yang artinya apabila pertumbuhan ekonomi, indeks pembangunan manusia, kemiskinan dan green economy naik sebesar 1 persen maka akan meningkatkan indeks kelayakan lingkungan hidup sebesar 0,551064 persen.

23. Koefisien regresi Provinsi Kalimantan Timur sebesar 8,815435 yang artinya apabila pertumbuhan ekonomi, indeks pembangunan manusia, kemiskinan dan green economy naik sebesar 1 persen maka akan meningkatkan indeks kelayakan lingkungan hidup

sebesar 8,815435 persen.

24. Koefisien regresi Provinsi Kalimantan Utara sebesar 14,97403 yang artinya apabila pertumbuhan ekonomi, indeks pembangunan manusia, kemiskinan dan green economy naik sebesar 1 persen maka akan menurunkan indeks kelayakan lingkungan hidup sebesar 14,97403 persen.
25. Koefisien regresi Provinsi Sulawesi Utara sebesar 1,109423 yang artinya apabila pertumbuhan ekonomi, indeks pembangunan manusia, kemiskinan dan green economy naik sebesar 1 persen maka akan menurunkan indeks kelayakan lingkungan hidup sebesar 1,109423 persen.
26. Koefisien regresi Provinsi Sulawesi Tengah sebesar 2,788147 yang artinya apabila pertumbuhan ekonomi, indeks pembangunan manusia, kemiskinan dan green economy naik sebesar 1 persen maka akan meningkatkan indeks kelayakan lingkungan hidup sebesar 2,788147 persen.
27. Koefisien regresi Provinsi Sulawesi Selatan sebesar 6,829495 yang artinya apabila pertumbuhan ekonomi, indeks pembangunan manusia, kemiskinan dan green economy naik sebesar 1 persen maka akan meningkatkan indeks kelayakan lingkungan hidup sebesar 6,829495 persen.
28. Koefisien regresi Provinsi Sulawesi Tenggara sebesar 4,592433 yang artinya apabila pertumbuhan ekonomi, indeks pembangunan

manusia, kemiskinan dan green economy naik sebesar 1 persen maka akan meningkatkan indeks kelayakan lingkungan hidup sebesar 4,592433 persen.

29. Koefisien regresi Provinsi Gorontalo sebesar 4,965773 yang artinya apabila pertumbuhan ekonomi, indeks pembangunan manusia, kemiskinan dan green economy naik sebesar 1 persen maka akan meningkatkan indeks kelayakan lingkungan hidup sebesar 4,965773 persen.

30. Koefisien regresi Provinsi Sulawesi Barat sebesar 12,30885 yang artinya apabila pertumbuhan ekonomi, indeks pembangunan manusia, kemiskinan dan green economy naik sebesar 1 persen maka akan meningkatkan indeks kelayakan lingkungan hidup sebesar 12,30885 persen.

31. Koefisien regresi Provinsi Maluku sebesar 6,343970 yang artinya apabila pertumbuhan ekonomi, indeks pembangunan manusia, kemiskinan dan green economy naik sebesar 1 persen maka akan meningkatkan indeks kelayakan lingkungan hidup sebesar 6,343970 persen.

32. Koefisien regresi Provinsi Maluku Utara sebesar 16,02102 yang artinya apabila pertumbuhan ekonomi, indeks pembangunan manusia, kemiskinan dan green economy naik sebesar 1 persen maka akan meningkatkan indeks kelayakan lingkungan hidup sebesar 16,02102 persen.

33. Koefisien regresi Provinsi Papua Barat sebesar 21,55136 yang artinya apabila pertumbuhan ekonomi, indeks pembangunan manusia, kemiskinan dan green economy naik sebesar 1 persen maka akan meningkatkan indeks kelayakan lingkungan hidup sebesar 21,55136 persen.
34. Koefisien regresi Provinsi Papua sebesar 21,48204 yang artinya apabila pertumbuhan ekonomi, indeks pembangunan manusia, kemiskinan dan green economy naik sebesar 1 persen maka akan meningkatkan indeks kelayakan lingkungan hidup sebesar 21,48204 persen.

Moderating Regression Analysis

Uji Interaksi Moderasi antara X1 dan Y

Dependent Variable: Y
 Method: Panel Least Squares
 Date: 03/29/22 Time: 22:08
 Sample: 2015 2019
 Periods included: 5
 Cross-sections included: 34
 Total panel (balanced) observations: 170

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	65.83024	1.952464	33.71648	0.0000
X1	0.313796	0.344126	0.911863	0.3635

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.573148	Mean dependent var	67.49371
Adjusted R-squared	0.465645	S.D. dependent var	12.41163
S.E. of regression	9.072853	Akaike info criterion	7.429692
Sum squared resid	11112.75	Schwarz criterion	8.075297
Log likelihood	-596.5238	Hannan-Quinn criter.	7.691671
F-statistic	5.331439	Durbin-Watson stat	1.302531
Prob(F-statistic)	0.000000		

Output 1

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	52.74284	5.386430	9.791800	0.0000
X1	-1.394691	0.738727	-1.887965	0.0612
Z	4.367506	1.680476	2.598969	0.0104

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.593632	Mean dependent var	67.49371
Adjusted R-squared	0.487491	S.D. dependent var	12.41163
S.E. of regression	8.885449	Akaike info criterion	7.392278
Sum squared resid	10579.46	Schwarz criterion	8.056329
Log likelihood	-592.3436	Hannan-Quinn criter.	7.661742
F-statistic	5.592872	Durbin-Watson stat	1.342003
Prob(F-statistic)	0.000000		

Output 2

C	52.88507	5.725384	9.236947	0.0000
X1	-1.469204	1.234541	-1.190081	0.2361
Z	4.369566	1.686967	2.590191	0.0107
X1Z	0.008009	0.106098	0.075490	0.9399

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.593650	Mean dependent var	67.49371
Adjusted R-squared	0.483660	S.D. dependent var	12.41163
S.E. of regression	8.918599	Akaike info criterion	7.404000
Sum squared resid	10579.01	Schwarz criterion	8.086497
Log likelihood	-592.3400	Hannan-Quinn criter.	7.680949

Moderasi variabel X2 terhadap Y

Dependent Variable: Y
 Method: Panel Least Squares
 Date: 03/29/22 Time: 22:21
 Sample: 2015 2019
 Periods included: 5
 Cross-sections included: 34
 Total panel (balanced) observations: 170

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-68.66256	54.02150	-1.271023	0.2059
X2	1.951135	0.774073	2.520610	0.0129

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.589823	Mean dependent var	67.49371
Adjusted R-squared	0.486519	S.D. dependent var	12.41163
S.E. of regression	8.893871	Akaike info criterion	7.389843
Sum squared resid	10678.63	Schwarz criterion	8.035449
Log likelihood	-593.1367	Hannan-Quinn criter.	7.651822
F-statistic	5.709596	Durbin-Watson stat	1.375006
Prob(F-statistic)	0.000000		

Output 1

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-90.88691	54.00438	-1.682954	0.0947
X2	2.141012	0.766014	2.795004	0.0060
Z	1.769964	0.759396	2.330753	0.0213

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.605804	Mean dependent var	67.49371
Adjusted R-squared	0.502842	S.D. dependent var	12.41163
S.E. of regression	8.751366	Akaike info criterion	7.361868
Sum squared resid	10262.58	Schwarz criterion	8.025919
Log likelihood	-589.7587	Hannan-Quinn criter.	7.631332

Output2

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-25.67160	84.62571	-0.303355	0.7621
X2	1.168940	1.236902	0.945055	0.3463
Z	-9.072617	10.85902	-0.835491	0.4049
X2Z	0.162827	0.162674	1.000937	0.3187

Effects Specification

Cross-section fixed (dummy variables)			
R-squared	0.608751	Mean dependent var	67.49371
Adjusted R-squared	0.502849	S.D. dependent var	12.41163
S.E. of regression	8.751305	Akaike info criterion	7.366128
Sum squared resid	10185.85	Schwarz criterion	8.048625
Log likelihood	-589.1208	Hannan-Quinn criter.	7.643077

Moderasi X3 terhadap Y

Dependent Variable: Y
 Method: Panel Least Squares
 Date: 03/29/22 Time: 22:26
 Sample: 2015 2019
 Periods included: 5
 Cross-sections included: 34
 Total panel (balanced) observations: 170

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	75.05119	11.51207	6.519346	0.0000
X3	-0.688857	1.047389	-0.657690	0.5119

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.571891	Mean dependent var	67.49371
Adjusted R-squared	0.464071	S.D. dependent var	12.41163
S.E. of regression	9.086205	Akaike info criterion	7.432633
Sum squared resid	11145.48	Schwarz criterion	8.078238
Log likelihood	-596.7738	Hannan-Quinn criter.	7.694612
F-statistic	5.304119	Durbin-Watson stat	1.310335
Prob(F-statistic)	0.000000		

Output 1

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	70.03040	11.61538	6.029109	0.0000
X3	-0.992207	1.044278	-0.950137	0.3438
Z	1.646644	0.781651	2.106622	0.0370

Effects Specification

Cross-section fixed (dummy variables)

R-squared	0.585614	Mean dependent var	67.49371
Adjusted R-squared	0.477379	S.D. dependent var	12.41163
S.E. of regression	8.972676	Akaike info criterion	7.411816
Sum squared resid	10788.20	Schwarz criterion	8.075867
Log likelihood	-594.0043	Hannan-Quinn criter.	7.681280
F-statistic	5.410582	Durbin-Watson stat	1.318938
Prob(F-statistic)	0.000000		

Output 2

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	43.76004	14.45134	3.028095	0.0030
X3	0.703533	1.170678	0.600962	0.5489
Z	6.628641	1.869425	3.545819	0.0005
X3Z	-0.315756	0.108232	-2.917392	0.0041

Effects Specification

Cross-section fixed (dummy variables)			
R-squared	0.610538	Mean dependent var	67.49371
Adjusted R-squared	0.505119	S.D. dependent var	12.41163
S.E. of regression	8.731302	Akaike info criterion	7.361551
Sum squared resid	10139.34	Schwarz criterion	8.044048
Log likelihood	-588.7318	Hannan-Quinn criter.	7.638500