

BAB V

PENUTUP

5.1 Kesimpulan

Berdasarkan hasil analisis data dan uraian pembahasan mengenai pengaruh Pertumbuhan penduduk, Rasio Ketergantungan, dan Pendidikan terhadap tingkat Kemiskinan di 24 kabupaten/kota di Provinsi Sulawesi Selatan tahun 2010-2024, maka dapat ditarik beberapa kesimpulan sebagai berikut:

1. Pertumbuhan penduduk tidak berpengaruh terhadap Kemiskinan di 24 kabupaten/kota Provinsi Sulawesi Selatan tahun 2010-2024.
2. Rasio Ketergantungan berpengaruh positif terhadap tingkat Kemiskinan di 24 kabupaten/kota Provinsi Sulawesi Selatan tahun 2010-2024
3. Pendidikan memiliki pengaruh negatif terhadap Kemiskinan di 24 kabupaten/kota Provinsi Sulawesi Selatan tahun 2010-2024.

5.2 Saran

Berdasarkan kesimpulan yang ditarik dari hasil penelitian yang dilakukan, maka saran yang dapat diberikan yakni sebagai berikut:

1. Rasio Ketergantungan yang merupakan salah satu indikator demografi penting harus menjadi perhatian pemerintah Provinsi Sulawesi Selatan. Program keluarga berencana perlu terus digalakkan untuk menjaga agar Pertumbuhan penduduk tetap terkendali dan tidak menjadi beban ekonomi bagi keluarga di Provinsi Sulawesi Selatan. Kemudian sangat penting bagi

pemerintah untuk terus mendorong pemberdayaan penduduk usia produktif melalui program peningkatan keterampilan (*upskilling & reskilling*) bagi penduduk usia kerja agar produktif dan berkontribusi terhadap ekonomi keluarga. Pemerintah dapat merancang sebuah program *upskilling & reskilling* seperti SulSel Youth Creative Hub yang nantinya akan berfokus mengembangkan keahlian anak muda dalam kewirausahaan, kepemimpinan, dan dasar-dasar keuangan.

2. Disarankan kepada pemerintah daerah untuk menyediakan dan meningkatkan sarana dan prasarana yang merata di seluruh kabupaten/kota di Provinsi Sulawesi Selatan. Dengan demikian, setiap lapisan masyarakat mampu mendapatkan akses pendidikan dan pada akhirnya dapat meningkatkan produktivitas dan berdampak pada peningkatan pertumbuhan ekonomi dan penurunan kemiskinan. Untuk mempermudah akses terhadap pendidikan yang merata, pemerintah perlu mengupayakan sekolah gratis terutama di wilayah pedalaman dengan akses minim ke kota dengan menyediakan tenaga pendidik berkualitas dan terlatih dengan insentif gaji dan tunjangan yang layak serta dijamin secara hukum oleh pemerintah.

DAFTAR PUSTAKA

- Aba, F. X. L., Yussof, O. M., & Mohd, S. B. (2015). Analysis of Economic Structure in Poverty Eradication in The Province of East Nusa Tenggara Indonesia. *Procedia - Social and Behavioral Sciences*, 211. <https://doi.org/10.1016/j.sbspro.2015.11.013>
- Alkire, S., & Foster, J. (2011). Counting and multidimensional poverty measurement. *Journal of Public Economics*, 95(7–8). <https://doi.org/10.1016/j.jpubeco.2010.11.006>
- Arsani, A. M., Ario, B., & Ramadhan, A. F. (2020). Impact of Education on Poverty and Health: Evidence from Indonesia. *Economics Development Analysis Journal*, 9(1). <https://doi.org/10.15294/edaj.v9i1.34921>
- Baya, A., Abdelwahab, B., & Touitou, M. (2024). The relation between education and economic growth for the period 1990 to 2020: A dynamic panel data model. *International Journal of Economic Perspectives*, 18(12), 2358–2369. Retrieved from <https://ijeponline.org/index.php/journal/article/view/781>
- Cahyo, B. D., Setyowati, A. S., & Prabowo, A. (2022). Pearson Correlation Between Education Level and Population Growth on Poverty in Central Java, 2019-2021. *International Journal of Business, Economics, and Social Development*, 3(4). <https://doi.org/10.46336/ijbesd.v3i4.349>
- Chijindu, K., Franklin, N., Ngwu, N., & Onah, A. (2025). Economic planning, multidimensional poverty and income redistribution. *Quality & Quantity*, 0123456789. <https://doi.org/10.1007/s11135-025-02101-1>
- Cruz, M., & Ahmed, S. A. (2018). On the impact of demographic change on economic growth and poverty. *World Development*, 105. <https://doi.org/10.1016/j.worlddev.2017.12.018>

- Ginting, T. A. B., Sudibia, I. K., Dewi, N. P. M., & Marhaeni, A. I. N. (2020). The Effect of Education and Dependency Ratio on Economic Growth and Poverty in Papua. *American Journal of Humanities and Social Sciences Research*, 4(6).
- Hanushek, E. A., & Woessmann, L. (2020). Education, knowledge capital, and economic growth. In *The Economics of Education: A Comprehensive Overview*. <https://doi.org/10.1016/B978-0-12-815391-8.00014-8>
- Junaidi, R., Purwaka,, Prihanto, H., (2017). Analysis of The Effect of Population Growth and Dependency Ratio on Poverty in Sarolangun District. *E-Jurnal Ekonomi Sumber Daya Dan Lingkungan*, 6(2).
- Langoday, T. O., & Man, S. (024). The Role of Population Growth, Education Level, Labor Force Participation Rate on Poverty Level in Indonesia. *Journal of Law and Sustainable Development*, 12(2). <https://doi.org/10.55908/sdgs.v12i2.3011>
- Lim, S. S., & Lee, J. (2022). Aspirations, Human Capital Investment, and the Intergenerational Transmission of Poverty in Indonesia. *Social Indicators Research*, 162(1). <https://doi.org/10.1007/s11205-021-02843-z>
- Naveed et al. (2013). The Impact of Public Education Expenditure on Economic Growth in Kosova: A Quantitative Analysis. *Munich Personal RePEc Archive*, 2116, 0–33.
- Ninghardjanti, P., Murtini, W., Hindrayani, A., & Sangka, K. B. (2021). History and Types of Education in Indonesia and Its Impact on Economic Growth. *Social, Humanities, and Educational Studies (SHEs): Conference Series*, 4(3). <https://doi.org/10.20961/shes.v4i3.49961>
- Panduwinata, L. F., Subroto, W. T., & Sakti, N. C. (2025). Education in Poverty Reduction: A Systematic Literature Review. *Economic and Business Journal*. 3(2), 147–156.

- Suhendra, I., Istikomah, N., Ginanjar, R. A. F., & Anwar, C. J. (2020). Human Capital, Income Inequality and Economic Variables: A Panel Data Estimation from a Region in Indonesia. *Journal of Asian Finance, Economics and Business*, 7(10). <https://doi.org/10.13106/jafeb.2020.vol7.no10.571>
- Taddesse, M., Kebede, B., Shimeles, A., & Bigsten, A. (2002). Growth and Poverty Reduction in Ethiopia: Evidence from Household Panel Surveys 1 by. *Working Papers in Economics No 65, Department of Economics Göteborg University, January 1999*.
- Traldi, R., Silva, J. A., Potapov, P., Tyukavina, A., Epprecht, M., Gore, M. L., & Phompila, C. (2023). Cultivating inequality? Regional rubber dynamics and implications for voluntary sustainability programs in Lao PDR. *World Development*, 170. <https://doi.org/10.1016/j.worlddev.2023.106312>
- Yip, P. S. F., Wong, J. H. K., Li, B. Y. G., Zhang, Y., Kwok, C. L., & Chen, M. N. (2017). Assessing the Impact of Population Dynamics on Poverty Measures: A Decomposition Analysis. *Social Indicators Research*, 134(2). <https://doi.org/10.1007/s11205-016-1434-y>
- Zhang, X. (2024). Sustainable development in African countries: evidence from the impacts of education and poverty ratio. *Humanities and Social Sciences Communications*, 11(1), 1–8. <https://doi.org/10.1057/s41599-024-03912-7>

LAMPIRAN

Lampiran 1. *Output regresi Fixed Effect Model (FEM)*

Dependent Variable: P0
Method: Panel Least Squares
Date: 04/15/25 Time: 17:47
Sample (adjusted): 2010 2025
Periods included: 4
Cross-sections included: 24
Total panel (balanced) observations: 96

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	17.65178	4.313395	4.092316	0.0001
RK	0.066922	0.029735	2.250619	0.0276
LPP	0.070000	0.344691	0.203081	0.8397
RLS	-1.418058	0.337067	-4.207049	0.0001

Effects Specification

Cross-section fixed (dummy variables)

Root MSE	0.803814	R-squared	0.944880
Mean dependent var	10.12948	Adjusted R-squared	0.924110
S.D. dependent var	3.441720	S.E. of regression	0.948127
Akaike info criterion	2.963603	Sum squared resid	62.02725
Schwarz criterion	3.684826	Log likelihood	-115.2529
Hannan-Quinn criter.	3.255133	F-statistic	45.49301
Durbin-Watson stat	1.833016	Prob(F-statistic)	0.000000



Lampiran 2. Hasil Uji Chow

Redundant Fixed Effects Tests

Equation: Untitled

Test cross-section fixed effects

Effects Test	Statistic	d.f.	Prob.
Cross-section F	28.189399	(23,69)	0.0000
Cross-section Chi-square	224.780734	23	0.0000

Cross-section fixed effects test equation:

Dependent Variable: P0

Method: Panel Least Squares

Date: 04/15/25 Time: 17:54

Sample (adjusted): 2010 2025

Periods included: 4

Cross-sections included: 24

Total panel (balanced) observations: 96

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	6.645599	3.005438	2.211192	0.0295
RK	0.185375	0.035584	5.209474	0.0000
LPP	0.438209	0.513936	0.852653	0.3961
RLS	-0.858778	0.235782	-3.642254	0.0004
Root MSE	2.591782	R-squared		0.426949
Mean dependent var	10.12948	Adjusted R-squared		0.408262
S.D. dependent var	3.441720	S.E. of regression		2.647526
Akaike info criterion	4.825902	Sum squared resid		644.8643
Schwarz criterion	4.932750	Log likelihood		-227.6433
Hannan-Quinn criter.	4.869092	F-statistic		22.84802
Durbin-Watson stat	0.264624	Prob(F-statistic)		0.000000

Lampiran 3. *Output regresi Random Effect Model (REM)*

Dependent Variable: P0
Method: Panel EGLS (Cross-section random effects)
Date: 04/15/25 Time: 18:06
Sample (adjusted): 2010 2025
Periods included: 4
Cross-sections included: 24
Total panel (balanced) observations: 96
Swamy and Arora estimator of component variances

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	13.84554	3.273266	4.229887	0.0001
RK	0.093112	0.023815	3.909836	0.0002
LPP	0.266151	0.303510	0.876912	0.3828
RLS	-1.137418	0.253923	-4.479381	0.0000
Effects Specification				
			S.D.	Rho
Cross-section random			2.407370	0.8657
Idiosyncratic random			0.948127	0.1343
Weighted Statistics				
Root MSE	0.948784	R-squared		0.676754
Mean dependent var	1.957130	Adjusted R-squared		0.666214
S.D. dependent var	1.677549	S.E. of regression		0.969191
Sum squared resid	86.41843	F-statistic		64.20445
Durbin-Watson stat	1.349696	Prob(F-statistic)		0.000000
Unweighted Statistics				
R-squared	0.380945	Mean dependent var		10.12948
Sum squared resid	696.6328	Durbin-Watson stat		0.167432

Lampiran 4. Hasil 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	7.133096	3	0.0678

Cross-section random effects test comparisons:

Variable	Fixed	Random	Var(Diff.)	Prob.
RK	0.066922	0.093112	0.000317	0.1413
LPP	0.070000	0.266151	0.026694	0.2299
RLS	-1.418058	-1.137418	0.049137	0.2055

Cross-section random effects test equation:

Dependent Variable: P0

Method: Panel Least Squares

Date: 04/15/25 Time: 18:08

Sample (adjusted): 2010 2025

Periods included: 4

Cross-sections included: 24

Total panel (balanced) observations: 96

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	17.65178	4.313395	4.092316	0.0001
RK	0.066922	0.029735	2.250619	0.0276
LPP	0.070000	0.344691	0.203081	0.8397
RLS	-1.418058	0.337067	-4.207049	0.0001

Effects Specification

Cross-section fixed (dummy variables)

Root MSE	0.803814	R-squared	0.944880
Mean dependent var	10.12948	Adjusted R-squared	0.924110
S.D. dependent var	3.441720	S.E. of regression	0.948127
Akaike info criterion	2.963603	Sum squared resid	62.02725
Schwarz criterion	3.684826	Log likelihood	-115.2529
Hannan-Quinn criter.	3.255133	F-statistic	45.49301
Durbin-Watson stat	1.833016	Prob(F-statistic)	0.000000

Lampiran 5. Output regresi *Common Effect Model* (CEM)

Dependent Variable: P0
Method: Panel Least Squares
Date: 04/15/25 Time: 18:10
Sample (adjusted): 2010 2025
Periods included: 4
Cross-sections included: 24
Total panel (balanced) observations: 96

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	6.645599	3.005438	2.211192	0.0295
RK	0.185375	0.035584	5.209474	0.0000
LPP	0.438209	0.513936	0.852653	0.3961
RLS	-0.858778	0.235782	-3.642254	0.0004
Root MSE	2.591782	R-squared	0.426949	
Mean dependent var	10.12948	Adjusted R-squared	0.408262	
S.D. dependent var	3.441720	S.E. of regression	2.647526	
Akaike info criterion	4.825902	Sum squared resid	644.8643	
Schwarz criterion	4.932750	Log likelihood	-227.6433	
Hannan-Quinn criter.	4.869092	F-statistic	22.84802	
Durbin-Watson stat	0.264624	Prob(F-statistic)	0.000000	



Lampiran 6. Hasil Uji Lagrange Multiplier (LM)

Lagrange Multiplier Tests for Random Effects

Null hypotheses: No effects

Alternative hypotheses: Two-sided (Breusch-Pagan) and one-sided
(all others) alternatives

	Test Hypothesis		
	Cross-section	Time	Both
Breusch-Pagan	94.70078 (0.0000)	0.134060 (0.7143)	94.83484 (0.0000)
Honda	9.731433 (0.0000)	0.366141 (0.3571)	7.140063 (0.0000)
King-Wu	9.731433 (0.0000)	0.366141 (0.3571)	3.649974 (0.0001)
Standardized Honda	10.35581 (0.0000)	1.308476 (0.0954)	4.695550 (0.0000)
Standardized King-Wu	10.35581 (0.0000)	1.308476 (0.0954)	2.133994 (0.0164)
Gourieroux, et al.	--	--	94.83484 (0.0000)

Lampiran 7. Data variabel dependen dan independen

Kabupaten/Kota	Tahun	P0	RK	LPP	RLS
Kepulauan Selayar	2010	14.98	62.15	1.67	6.66
	2015	12.94	58.92	1.28	7.16
	2020	12.48	46.21	1.13	7.88
	2024	10.79	44.22	1.08	8.49
Bulukumba	2010	9.02	57.68	1.15	6.58
	2015	8.15	53.6	0.78	6.68
	2020	7.1	42.59	1.01	7.67
	2024	6.71	42.77	1.03	8.52
Bantaeng	2010	10.24	54.32	1.09	5.47
	2015	9.53	51.22	0.73	6.16
	2020	8.95	41.12	1.04	6.72
	2024	8.26	41.15	1.16	7.26
Jeneponto	2010	19.09	57.45	0.77	5.15
	2015	15.18	56.17	0.73	5.64
	2020	14.58	44.05	1.55	6.59
	2024	11.82	43.47	1.13	7.01
Takalar	2010	11.16	55.39	1.63	6.23
	2015	9.48	51.79	1.23	6.57
	2020	8.44	46.33	1.07	7.29
	2024	7.75	46.79	1.41	7.73
Gowa	2010	9.49	56.79	2.46	6.34
	2015	8.27	55.03	2.02	7.24
	2020	7.38	44.9	1.56	8.19
	2024	6.85	43.92	1.64	8.53
Sinjai	2010	10.68	64.48	1.15	6.19
	2015	9.26	58.29	0.78	7.05
	2020	9	45.44	1.22	7.75
	2024	7.82	44.43	1.11	7.82
Maros	2010	14.62	57.08	1.62	6.88
	2015	11.85	54.89	1.22	7.19
	2020	9.74	46.41	2.01	7.73
	2024	9.32	45.87	1.46	8.05
Pangkep	2010	19.26	57.7	1.51	6.7
	2015	16.7	54.92	1.12	7.32
	2020	13.96	47.77	1.2	7.66
	2024	12.41	45.65	1.02	8.47

Barru	2010	10.68	60.32	0.95	7.06
	2015	9.42	56.67	0.61	7.6
	2020	8.26	48.72	1.03	8.23
	2024	8.31	47.46	0.68	8.8
Bone	2010	14.08	58.86	1.03	5.71
	2015	10.12	55.4	0.68	6.55
	2020	10.68	45.98	1.08	7.15
	2024	9.58	45.49	0.93	7.55
Soppeng	2010	10.41	56.42	0.2	6.81
	2015	8.36	51.39	0.2	7.05
	2020	7.59	45.39	0.48	7.81
	2024	6.9	46.55	0.47	8.45
Wajo	2010	8.96	49.38	0.75	6.02
	2015	7.66	48.41	0.41	6.37
	2020	6.95	44.43	-0.15	6.81
	2024	6.47	44.59	0.69	7.46
Sidrap	2010	6.99	55.76	1.33	6.76
	2015	5.55	51.14	1.26	7.32
	2020	5.05	47.52	1.59	7.84
	2024	5.02	46.19	0.89	8.21
Pinrang	2010	9.01	62.68	1.24	7.14
	2015	8.34	58.55	0.87	7.47
	2020	8.86	47.22	1.37	7.86
	2024	8.55	46.14	1.34	8.53
Enrekang	2010	16.84	74.19	1.37	7.16
	2015	13.82	67.11	0.99	8.05
	2020	12.17	48.74	1.64	8.9
	2024	11.25	45.59	1.5	9.11
Luwu	2010	15.43	67.82	1.41	7.07
	2015	13.89	61.77	1.03	7.74
	2020	12.65	48.36	0.92	8.24
	2024	11.7	45.51	1.34	8.81
Tana Toraja	2010	14.61	73.72	1.18	7.63
	2015	12.46	68.17	0.69	7.91
	2020	12.1	45.34	2.34	8.26
	2024	10.79	44.25	1.09	8.77
Luwu Utara	2010	16.24	64.93	1.41	6.48
	2015	13.87	61.23	1.02	7.38
	2020	13.41	45.19	1.13	7.79

	2024	11.24	43.44	1.2	8.37
Luwu Timur	2010	9.18	61.27	2.99	7.49
	2015	7.18	57.02	2.51	7.87
	2020	6.85	49.3	1.95	8.8
	2024	6.55	46.58	1.41	8.94
Toraja Utara	2010	19.08	79.72	1.06	6.62
	2015	15.19	76.3	0.78	7.71
	2020	12.01	55.47	1.82	7.96
	2024	10.73	52.65	1.67	8.54
Makassar	2010	5.86	45.5	2	10.23
	2015	4.38	43.48	1.58	10.77
	2020	4.54	43.96	0.6	11.21
	2024	4.97	42.52	0.76	11.57
Pare Pare	2010	6.53	54.35	1.8	9.28
	2015	6.08	55.6	1.41	10.01
	2020	5.44	46.19	1.55	10.45
	2024	5.27	46.48	1.63	10.88
Palopo	2010	11.28	53.21	3.14	9.77
	2015	8.58	51.66	2.63	10.25
	2020	7.85	45.31	2.17	10.76
	2024	7.35	44.12	1.55	11.16

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