

## DAFTAR PUSTAKA



- , Jaya, A. K., & Sirajang, N. (2023). Pemodelan Geographically Weighted Regression dengan Metode Ridge. *ESTIMASI: Journal of Statistics and Application*, 4(2). <https://doi.org/https://doi.org/10.20956/ejsa.v4i2.12250>
- Anselin, L. (1988). *Spatial Econometrics: Methods and Models* (Vol. 4). Springer Netherlands. <https://doi.org/10.1007/978-94-015-7799-1>
- Asmara, A. D. (2020). *Penerapan Robust Geographically Weighted Regression Menggunakan Least Absolute Deviation* [Skripsi]. Universitas Gadjah Mada.
- Baba, A. M., Midi, H., Adam, M. B., & Abd Rahman, N. H. A. (2021). Detection of Influential Observations in Spatial Regression Model Based on Outliers and Bad Leverage Classification. *Symmetry*, 13(11), 2030. <https://doi.org/10.3390/sym13112030>
- Badan Pusat Statistik. (2025). *Indeks Pembangunan Manusia 2024*. BPS.
- Dai, X., Jin, L., Shi, A., & Shi, L. (2016). Outlier detection and accommodation in general spatial models. *Statistical Methods and Applications*, 25(3), 453–475. <https://doi.org/10.1007/s10260-015-0348-1>
- Ding, J., Cen, W., Wu, S., Chen, Y., Qi, J., Huang, B., & Du, Z. (2024). A neural network model to optimize the measure of spatial proximity in geographically weighted regression approach: a case study on house price in Wuhan. *International Journal of Geographical Information Science*, 38(7), 1315–1335. <https://doi.org/10.1080/13658816.2024.2343771>
- Erkamin, M., Mukhlis, I. R., Putra, P., Adimarwan, M., Rassarandi, F. D., Rumata, N. A., Arrofiqoh, E. N. A., Rahman, A. K., Chusnayah, F., Paddyatu, N., & Hermawan, E. (2023). *SISTEM INFORMASI GEOGRAFIS (SIG): Teori Komprehensif SIG* (E. Rianty & E. Efitra, Ed.). PT. Green Pustaka Indonesia.
- Fadli, M. R., Goejantoro, R., & Wasono, D. (2018). Pemodelan Geographically Weighted Regression (GWR) Dengan Fungsi Pembobot Tricube Terhadap Angka Kematian Ibu (AKI) Di Kabupaten Kutai Kartanegara Tahun 2015. *Jurnal EKSPONENSIAL*, 9(1).
- Ginting, D. I., & Lubis, I. (2023). Pengaruh Angka Harapan Hidup dan Harapan Lama Sekolah Terhadap Indeks Pembangunan Manusia. *Bisnis-Net Jurnal Ekonomi dan Bisnis*, 6(2), 519–528. <https://doi.org/10.46576/bn.v6i2.3884>
- Gujarati, D. N. (2003). *Basic econometrics*. McGraw Hill.
- Huang, J., Huang, Y., Pontius, R. G., & Zhang, Z. (2015). Geographically weighted regression to measure spatial variations in correlations between water pollution versus land use in a coastal watershed. *Ocean & Coastal Management*, 103, 14–24. <https://doi.org/10.1016/j.ocecoaman.2014.10.007>
- Insolia, L., Chiaromonte, F., & Riani, M. (2021). A Robust Estimation Approach for Mean-Shift and Variance-Inflation Outliers. Dalam *Festschrift in Honor of R. Dennis Cook* (hlm. 17–41). Springer International Publishing. [https://doi.org/10.1007/978-3-030-69009-0\\_2](https://doi.org/10.1007/978-3-030-69009-0_2)
- Kartika, S., & Kholijah, G. (2020). Penggunaan Metode Geographically Weighted Regression (GWR) Untuk Mengestimasi Faktor Dominan yang Mempengaruhi Penduduk Miskin di Provinsi Jambi. *JOMTA Journal of Mathematics: Theory and Applications*, 2(2).
- Kauermann, G., & Opsomer, J. D. (2004). Generalized Cross-Validation for Bandwidth Selection of Backfitting Estimates in Generalized Additive Models. *Journal of Computational and Graphical Statistics*, 13(1), 66–89. <https://doi.org/10.1198/1061860043056>

- 22). Bandwidth Selection in Geographically Weighted Regression Models Information Complexity Criteria. *Journal of Mathematics*, 2022(1). [/doi.org/10.1155/2022/1527407](https://doi.org/10.1155/2022/1527407)
- D., Arya, M. A. N., Kharisudin, I., & Fauzi, F. (2021). Analisis Regresi Spasial dengan Pembobot Queen Contiguity pada Tingkat Pengangguran Terbuka di Povinsi Jawa Tengah Tahun 2019. *PRISMA, Prosiding Seminar Nasional Matematika*, 4, 595–601.
- Lehmann, R., Lösler, M., & Neitzel, F. (2020). Mean shift versus variance inflation approach for outlier detection-A comparative study. *Mathematics*, 8(6). <https://doi.org/10.3390/MATH8060991>
- Lesage, J. (1999). The Theory and Practice of Spatial Econometrics. *Spatial Economic Analysis*.
- Lu, B., Charlton, M., Harris, P., & Fotheringham, A. S. (2014). Geographically weighted regression with a non-Euclidean distance metric: a case study using hedonic house price data. *International Journal of Geographical Information Science*, 28(4), 660–681. <https://doi.org/10.1080/13658816.2013.865739>
- Lutfiani, N., Sugiman, S., & Mariani, S. (2019). Pemodelan Geographically Weighted Regression (GWR) dengan Fungsi Pembobot Kernel Gaussian dan Bi-square. *UNNES Journal of Mathematics*, 5(1), 82–91. <http://journal.unnes.ac.id/sju/index.php/ujmUJM8>
- Maulana, I., Salsabila, Z., & Dermawan, D. (2022). Pengaruh Penduduk Miskin, Tingkat Pengangguran Dan PDRB Terhadap IPM Di Wilayah Provinsi Banten Pada Tahun 2019 – 2021. *Jurnal Ekuilnomi*, 4(2), 164–170. <https://doi.org/10.36985/sbtjp791>
- Mohd Ali, N. F., Mohamad Yunus, R., Mohamed, I., & Othman, F. (2022). Improved Spatial Outlier Detection Method within a River Network. *Sains Malaysiana*, 51(3), 911–927. <https://doi.org/10.17576/jsm-2022-5103-24>
- Mubarak, R. (2021). *Pengantar Ekonometrika*. Duta Media Publishing.
- Muchtar, M., Zainuddin, N., Sajiah, A. M., Ningsi, N., & Pasrun, Y. P. (2024). Perbandingan Jarak Euclidean, Cityblock, Minkowski, Canberra, dan Chebyshev dalam Sistem Temu Kembali Citra Batik. *Jurnal Informatika dan Teknik Elektro Terapan*, 12(3S1). <https://doi.org/10.23960/jitet.v12i3S1.5324>
- Ningrum, J. W., Khairunnisa, A. H., & Huda, N. (2020). Pengaruh Kemiskinan, Tingkat Pengangguran, Pertumbuhan Ekonomi dan Pengeluaran Pemerintah Terhadap Indeks Pembangunan Manusia (IPM) di Indonesia Tahun 2014-2018 dalam Perspektif Islam. *Jurnal Ilmiah Ekonomi Islam*, 6(2), 212. <https://doi.org/10.29040/jiei.v6i2.1034>
- Nishi, H., & Asami, Y. (2024). Stochastic gradient geographical weighted regression (sgGWR): scalable bandwidth optimization for geographically weighted regression. *International Journal of Geographical Information Science*, 38(2), 354–380. <https://doi.org/10.1080/13658816.2023.2285471>
- Ramadhani, E., Salwa, N., & Mazaya, M. S. (2020). Identifikasi Faktor-Faktor yang Memengaruhi Angka Harapan Hidup di Sumatera Tahun 2018 Menggunakan Analisis Regresi Spasial Pendekatan Area. *Journal of Data Analysis*, 3(2), 62–75.
- Santoso, S. (2001). *SPSS Mengolah Data Statistik Secara Profesional*. PT Elex Media Komputindo.
- Sifriyani, Budiantara, I. N., Mardianto, M. F. F., & Asnita. (2024). Determination of the best geographic weighted function and estimation of spatio temporal model –



- raphically weighted panel regression using weighted least square. *Journal of Management Science*, 12, 102605. <https://doi.org/10.1016/j.mex.2024.102605>
- Wu, S.-C., Wang, H.-L., Zhao, Y.-G., Zhang, G.-L., Man, Y. B., & Wong, S.-C. (2013). Dealing with spatial outliers and mapping uncertainty for evaluating the effects of urbanization on soil: A case study of soil pH and particle fractions in Hong Kong. *Geoderma*, 195–196, 220–233. <https://doi.org/10.1016/j.geoderma.2012.11.017>
- Sun, Y., Wang, X., Zhang, C., & Zuo, M. (2023). Multiple Regression: Methodology and Applications. *Highlights in Science, Engineering and Technology*, 49, 542–548. <https://doi.org/10.54097/hset.v49i.8611>
- Suyono, S. (2015). *Analisis Regresi untuk Penelitian*. Deepublish.
- Ummah, S. (2024). Analisis Deskriptif Indeks Pembangunan Manusia Indonesia Periode Tahun 2020 - 2023. *AKADEMIK: Jurnal Mahasiswa Humanis*, 4(1), 41–53. <https://doi.org/10.37481/jmh.v4i1.657>
- UNDP, (United Nations Development Programme). (2024). Human Development Report 2023-24. Dalam *UNDP (United Nations Development Programme)*. <http://report2023-24.hdr.undp.org.s3-website-us-east-1.amazonaws.com/>
- Yasin, H. (2013). Uji Hipotesis Model Mixed Geographically Weighted Regression dengan Metode Bootstrap. *Prosiding Seminar Nasional Statistika Universitas Diponegoro*, 527–536.
- Yasin, H., Warsito, B., & Hakim, A. R. (2020). *Regresi Spasial (Aplikasi dengan R)*. WADE Publish. [https://books.google.co.id/books?id=zKE\\_EQAAQBAJ](https://books.google.co.id/books?id=zKE_EQAAQBAJ)
- Yasin, H., Warsito, B., Hakim, A. R., & Azizah, R. N. (2022). Lief Expectancy Modeling Using Modified Spatial AutoRegressive Model. *MEDIA STATISTIKA*, 15(1), 72–82. <https://doi.org/10.14710/medstat.15.1.72-82>
- Zarkasi, R. N., Sifriyani, S., & Prangga, S. (2021). Identifikasi Faktor-Faktor yang Mempengaruhi Indeks Pembangunan Manusia di Kalimantan Menggunakan Regresi Panel. *BAREKENG: Jurnal Ilmu Matematika dan Terapan*, 15(2), 277–282. <https://doi.org/10.30598/barekengvol15iss2pp277-282>