DAFTAR PUSTAKA

Agresti, A. (2002), *Categorical Data Analysis*, 2 edn, Wiley & Sons, New York.

Ahdika, A., Arum, P. H. dan Novayanda, A. F. (2023), 'Considering the temporal interdependence of human mobility and COVID-19 concerning Indonesia's large-scale social distancing policies', *Quality & Quantity* **57**(3), 2791–2810.
URL: *https://doi.org/10.1007/s11135-022-01497-4*

Ahdika, A., Rosadi, D., Effendie, A. R. dan Gunardi (2021), 'Measuring dynamic dependency using time-varying copulas with extended parameters: Evidence from exchange rates data', *MethodsX* **8**, 101322.
URL: *https://doi.org/10.1016/j.mex.2021.101322*

Alqawba, M. dan Diawara, N. (2020), 'Copula-based Markov zero-inflated count time series models with application', *Journal of Applied Statistics* **48**(5), 786–803.

Atkinson, P. M., German, S. E., Sear, D. A. dan Clark, M. J. (2003), 'Exploring the Relations Between Riverbank Erosion and Geomorphological Controls Using Geographically Weighted Logistic Regression', *Geographical Analysis* **35**(1), 58–82.

Bain, L. J. dan Engelhardt, M. (1992), *Introduction to probability and mathematical statistics* , 2nd edn, Duxbury advanced series in statistics and decision sciences.

Bivand, R. dan Yu, D. (2022), 'Geographically Weighted Regression', `https://github.com/cran/spgwr.git`.

Brunsdon, C., Fotheringham, A. S. dan Charlton, M. (1999), 'Some Notes on Parametric Significance Tests for Geographically Weighted Regression', *Journal of Regional Science* **39**(3), 497–524.

Brunsdon, C., Fotheringham, A. S. dan Charlton, M. E. (1996), 'Geographically Weighted Regression: A Method for Exploring Spatial Nonstationarity', *Geographical Analysis* **28**(4), 281–298.

Castellan, N. J. (1966), 'On the estimation of the tetrachoric correlation coefficient', *Psychometrika* **31**, 67–73.

Cessie, S. L. dan Houwelingen, J. C. V. (1994), ' Logistic-Regression for Correlated Binary Data', *Appl Stat-J Roy St C* **43**(1), 95–108.

Chen, X. dan Fan, Y. (2006), 'Estimation of copula-based semiparametric time series models', *Journal of Econometrics* **130**(2), 307–335.
URL: *https://www.sciencedirect.com/science/article/pii/S0304407605000783*

Collett, D. (2014), *Modeling Binary Data*, Chapman & Hall.

Crane, G. J. dan Hoek, J. V. D. (2008), 'Conditional Expectation Formulae For Copulas', *Aust. N. Z. J. Stat.* **50**(1), 53–67.

Crespo, R., Fotheringham, A. S. dan Charlton, M. (2007), 'Application of geographically weighted regression to a 19-year set of house price data in london to calibrate local hedonic price models', *In Proceedings of the 9th International Conference on Geocomputation, Ireland: NCG, NUI* .

Cressie, N. dan Wilkie, C. K. (2011), *Statistics for Spatio-Temporal Data*, John Wiley & Sons, Inc., Hoboken, NJ.

dan El-Absy, E.-H. (2018), 'Methods for Determining the Tetrachoric Correlation Coefficient for Binary Variables', *Asian Journal of Probability and Statistics* **2**(3)), 1–12.

Darsow, W. F., Nguyen, B. dan Olsen, E. T. (1992), 'Copulas and Markov processes', *Illinois Journal of Mathematics* **36**(4), 600–642.

Dobson, A. J. dan Barnett, A. G. (2018), *An Introduction to Generalized Linear Models, Fourth Edition*, CRC Press.

Dong, J., Estes, J. P., Li, G. dan Senturk, D. (2016), 'A two-step estimation approach for logistic varying coefficient modeling of longitudinal data', *Journal of Statistical Planning and Inference* **174**, 38–51.

Dunsmuir, W. dan He, J. (2016), 'Marginal Estimation of Parameter Driven Binomial Time Series Models', *Journal of Time Series Analysis* **38**(1), 120–144.

Ehlers, R. (2002), Maximum likelihood estimation procedures for categorical data, Master's thesis, University of Pretoria. Available from `https://repository.up.ac.za/bitstream/handle/2263/26533/Complete.pdf`.

Escarela, G., Matemáticas, D. D. dan Metropolitana, U. A. (2006), 'A flexible class of parametric transition regression models based on copulas : application to', *Statistical Methods in Medical Research* **15**, 593–609.

Farbod, D., Ebrahimpour, M. dan Ghayourmoradi, Z. (2010), 'Maximum Likelihood Estimation for Distribution Generated by Cauchy Stable Law', *International Journal of Mathematics and Computation* **7**, 23–28.

Fotheringham, A. S., Brunsdon, C. dan Charlton, M. (2002), *Geographically Weighted Regression: The Analysis of Spatially Varying Relationships*, Wiley.

Fotheringham, A. S., Crespo, R. dan Yao, J. (2015), 'Geographical and Temporal Weighted Regression (GTWR)', *Geographical Analysis* **47**(4), 431–452.

Genest, C. dan Nešlehová, J. (2007), 'A primer on copulas for count data', *ASTIN Bulletin: The Journal of the IAA* **37**, 475–515.

Giacinto, V. D. (2006), 'A Generalized Space-Time ARMA Model with an Application to Regional Unemployment Analysis in Italy', *International Regional Science Review* **29**(2), 159–198.
URL: *https://doi.org/10.1177/0160017605279457*

Gourieroux, C. dan Monfort, A. (1993), 'Pseudo-likelihood methods', *Handbook of Statistics* **11**(6), 335–362.

Guilford, J. (1942), *Fundamental Statistics in Psychology and Education*, 1 edn, McGraw-Hill, New York.

Hall, D. B. (2000), 'Zero-Inflated Poisson and Binomial Regression with Random Effects: A Case Study', *Biometrics* **56**(4), 1030–1039.
URL: *http://www.jstor.org/stable/2677034*

Harris, P., Fotheringham, A. S., Crespo, R. dan Charlton, M. (2010), 'The Use of Geographically Weighted Regression for Spatial Prediction: An Evaluation of Models Using Simulated Data Sets', *Mathematical Geosciences* **42**, 657–680.

Hilbe, J. M. (2009), *Logistic regression models*, Texts in statistical science, CRC Press.

Hosmer, D. W. dan Lemeshow, S. (2000), *Applied Logistic Regression*, 1 edn, John Wiley & Sons, New York.

Huang, B., Wu, B. dan Barry, M. (2010), 'Geographically and Temporally Weighted Regression for Modeling Spatio-Temporal Variation in House Prices', *International Journal of Geographical Information Science* **24**(3), 383–401.

Huang, X. W. dan Emura, T. (2021), 'Model diagnostic procedures for copula-based Markov chain models for statistical process control', *Communications in Statistics: Simulation and Computation* **50**(8), 2345–2367.
URL: *https://doi.org/10.1080/03610918.2019.1602647*

Huang, X. W. dan Emura, T. (2022), 'Computational methods for a copula-based Markov chain model with a binomial time series', *Communications in Statistics: Simulation and Computation* **0**(0), 1–18.
URL: *https://doi.org/10.1080/03610918.2022.2061514*

Huang, X. W., Wang, W. dan Emura, T. (2021), 'A copula-based Markov chain model for serially dependent event times with a dependent terminal event'.

Joe, H. (1997), *Multivariate Models and Dependence Concepts*, 1 edn, Chapman & Hall.

Jondeau, E. dan Rockinger, M. (2006), 'The Copula-GARCH model of conditional dependencies: An international stock market application', *Journal of International Money and Finance* **25**(5), 827–853.

Kolev, N. dan Paiva, D. (2009), 'Copula-based regressionmodels:Asurvey', *Journal of Statistical Planning and Inference* **139**, 3847–3856.

Kularatne, T. D. dan J. Li, D. P. (2020), 'On the use of Archimedean copulas for insurance modelling', *Annals of Actuarial Science* **15**(1), 1–25.

Kumar, P. dan Shoukri, M. (2007), 'Copula based prediction models: an application to an aortic regurgitation study', *Bio Med Central Medical Research Methodology* **7**(21).

Li, X., Li, L. dan Fang, R. (2014), 'Copula-based Logistic Regression Models for Bivariate Binary Responses', *Journal of Data Science* **12**, 461–476.

Li, Z., Fotheringham, A. S., Oshan, T. M. dan Wolf, L. J. (2020), 'Measuring bandwidth uncertainty in multiscale geographically weighted regression using akaike weights', *Annals of the American Association of Geographers* **110**(5), 1500–1520.
  URL: *https://doi.org/10.1080/24694452.2019.1704680*

Liu, Y., Lam, K.-F., Wu, J. T. dan Lam, T. T.-Y. (2018), 'Geographically weighted temporally correlated logistic regression model', *Scientific Reports* **8**(1417).

Long, M., Berry, K. J. dan Mielke, P. (2009), 'Tetrachoric correlation: A permutation alternative', *Procedia - Social and Behavioral Sciences* **69**(3), 429–437.

Long, T.-H., Emura, T. dan Ting-Hsuan, L. (2014), 'A control chart using copula-based Markov chain models', *Journal of the Chinese Statistical Association* **52**, 466–496.
  URL: *https://mpra.ub.uni-muenchen.de/57419/*

Louie, H. (2014), 'Evaluation of bivariate Archimedean and elliptical copulas to model wind power dependency structures', *Wind Energy* **17**, 225–240.

McDonald, B. W. (1993), 'Estimating logistic regression parameters for bivariate binary data', *Journal of the Royal Statistical Society* **55**, 391–397.

McKenzie, E. (1985), 'Some simple models for discrete variate time series', *Bulletin, Water Resources* **21**(4), 645–650.

Millar, R. B. (2011), *Maximum Likelihood Estimation and Inference: With Examples in R, SAS and ADMB*, 1 edn, John Wiley & Sons, United Kingdom.

Mollalo, A., Vahedi, B. dan Rivera, K. M. (2020), 'GIS-based spatial modeling of COVID-19 incidence rate in the continental United States', *Science of The Total Environment* **728**, 138884.

Nakaya, T., Fotheringham, A., Brunsdon, C. dan Charlton, M. (2005), 'Geographically weighted Poisson regression for disease association mapping', *Statistics in Medicine* **24**, 2695–2717.

Nelsen, R. (2006), *An Introduction to Copulas*, 2 edn, Springer, USA.

Novianti, P., Gunardi dan Rosadi, D. (2023*a*), 'Copula-Based Logistic Autoregressive Regression Modeling For Binomial Data', *MethodsX* p. 102509.

Novianti, P., Gunardi dan Rosadi, D. (2023*b*), 'Geographically Weighted Logistic Regression Model on Binomial Data to Explore Weather Spatial Non-Stationarity in Covid-19 Cases', *Engineering Letters* **31**(3), 938–947.

Novianti, P., Gunardi dan Rosadi, D. (Accepted*a*), 'Copula-based Regression for Binomial Data to Explore the Effect of Weather on Covid-19 Cases in East Java Indonesia', *Advances in Science, Technology & Innovation (ASTI)* **Full Paper Acceptance**.

Novianti, P., Gunardi dan Rosadi, D. (Accepted*b*), 'The Application of Gaussian Copula Marginal Regression For Exploring The Effect of Weather to Covid-19 in Jakarta', *Journal of Physics: Conference Series* .

Novianti, P., Gunardi dan Rosadi, D. (Submitted*a*), 'Copula-Based Geographically Weighted Temporally Correlated Logistic Regression Model for Binomial Data ', *Mathematical Methods of Statistics* .

Novianti, P., Gunardi dan Rosadi, D. (Submitted*b*), 'First Order Autoregressive Logistic Regression Model For Binomial Data using Time-Varying Copula', *Statistics in Biosciences* .

Novianti, P., Kartiko, S. H. dan Rosadi, D. (2021), 'Application of Clayton Copula to identify dependency structure of Covid-19 outbreak and average temperature in Jakarta Indonesia', *Journal of Physics: Conference Series* **1943**(1), 012154. **URL:** *https://dx.doi.org/10.1088/1742-6596/1943/1/012154*

Noyan, F. dan Simsek, G. (2012), 'Tetrachoric correlation as a measure of default correlation', *Procedia - Social and Behavioral Sciences* **62**, 1230–1234.

Palmgren, J. (1989), 'Regression Models for Bivariate Binary Responses', *UW Biostatistics Working Paper Series* **Working Paper 101**.

Panagiotelis, A., Czado, C. dan Joe, H. (2012), 'Pair copula constructions for multivariate Discrete Data', *Journal of the American Statistical Association* **107**(499), 1063–1072.

Parsa, R. A. dan Klugman, S. A. (2011), 'Copula Regression', *Variance* **5**(1), 45–54.

Patton, A. J. (2006), 'Modelling Asymmetric Exchange Rate Dependence Author (s): Andrew J . Patton Published by : Wiley for the Economics Department of the University of Pennsylvania and Institute of Social and Economic Research , Osaka University Stable URL : https://www.jst', *International Economic Review* **47**(2), 527–556.

Prentice, R. (1988), 'Correlted Binary Regression with COvariates Specific to Each Binary Observation', *Biometrics* **44**(4), 1033–1048.

Rosadi, D. (2011), *Ekonometrika dan Analisis Runtun Waktu Terapan dengan R*, 1 edn, CV Andi Offset, Yogyakarta.

Sincich, T. dan Mendenhall, W. (2012), *A second course in statistics: regression analysis*, 7 edn, Prentice Hall, USA.

Sklar, A. (1973), 'Random variables, joint distribution functions, and copulas', *KYBERNETIKA* **9**(6).

Sobral, M. F. F., Duarte, G. B., Sobral, A. I. G. d. P., Marinho, M. L. M. dan Melo, A. d. S. (2020), 'Association between climate variables and global transmission oF SARS-CoV-2', *Science of The Total Environment* **729**, 138997.

Staniswalis, J. G. (1989), 'The Kernel Estimate of a Regression Function in Likelihood-Based Models', *Journal of the American Statistical Association* **84**(405), 276–283.

Sun, L.-H., Huang, X.-W., Alqawba, M. S., Kim, J.-M. dan Emura, T. (2020), *Copula-Based Markov Models for Time Series: Parametric Inference and Process Control*, 1 edn, Springer Nature, Singapore.

Sun, L. H., Lee, C. S. dan Emura, T. (2020), 'A Bayesian inference for time series via copula-based Markov chain models', *Communications in Statistics: Simulation and Computation* **49**(11), 2897–2913.
URL: *https://doi.org/10.1080/03610918.2018.1529241*

Tobler, W. R. (1970), 'A Computer Movie Simulating Urban Growth in Detroit Region', *Economic Geography* **46**, 234–240.

Tosepu, R., Gunawan, J., Effendy, D. S., Ahmad, L. O. A. I., Lestari, H., Bahar, H. dan Asfian, P. (2020), 'Correlation between weather and Covid-19 pandemic in Jakarta, Indonesia', *Science of The Total Environment* **725**, 138436.

Wang, J., Tang, K., Feng, K., Lin, X., Lv, W., Chen, K. dan Wang, F. (2021), 'Impact of temperature and relative humidity on the transmission of COVID-19: a modelling study in China and the United States', *BMJ Open* **11**(2).

Weiß, C. H. (2009), 'A new class of autoregressive models for time series of binomial counts', *Communications in Statistics - Theory and Methods* **38**(4), 447–460.

Wu, B., Li, R. R. dan Huang (2014), 'A geographically and temporally weighted autoregressive model with application to housing prices', *International Journal of Geographical Information Science* **28**, 1186–1204.

Wu, L., Deng, F., Xie, Z., Hu, S., Shen, S., Shi, J. dan Liu, D. (2016), 'Spatial Analysis of Severe Fever with Thrombocytopenia Syndrome Virus in China Using a Geographically Weighted Logistic Regression Model', *International Journal of Environmental Research and Public Health* **13**(11).

Zhang, M. (2022), Copula-based Analysis for Dependent Count Data, Doctoral dissertation, The George Washington University.
URL: *https://search.proquest.com/openview/29842794587fa35fb568f3c0da1bccca/1?pq-origsite=gscholarcbl=18750diss=y*

Zhou, Y. B., Wang, Q. X., Yang, M. X., Gong, Y. H., Yang, Y., Nie, S. J., Liang, S., Nan, L., Coatsworth, A., Yang, A. H. dan et al. (2016), 'Geographical variations of risk factors associated with HCV infection in drug users in southwestern China', *Epidemiology and Infection* **144**(6), 1291–1300.