

DAFTAR PUSTAKA

- Apostol, T.M. 1967. *Calculus, One Variable Calculus with an Introduction to Linear Algebra*, 2nd edition. Vol.1. New York: John Wiley & Sons.
- Baghishani, H. and Mohammadzadeh, M. 2011. A Data Cloning Algorithm for Computing Maximum Likelihood Estimates in Spatial Generalized Linier Mixed Models. *Computational Statistics and Data Analysis*. 55:1748-1759.
- Bain, L.J., and Engelhardt, M. 1992. *Introduction to Probability and Mathematical Statistics*, 2nd edition. California: Duxbury Press.
- Bickel, Robert. 2007. *Multilevel Analysis for Applied Research: It's Just Regression!*. New York: The Guilford Press.
- Danardono, 2015. Analisis Data Longitudinal. Yogyakarta: Gadjah Mada University Press.
- Diggle, P. J., Heagerty, P. J., Liang, K.-Y. And Zeger, S. L. 2002. *The Analysis of Longitudinal Data*, 2nd edition. New York: Oxford University Press.
- Goldstein, H. 1995. *Multilevel Statistical Models*, 4th edition. New York: John Wiley & Sons.
- Griswold, M.E. and Zeger, S.L. 2004. On Marginalized Multilevel Models and their Computation. *Stat* 2:129-142.
- Heagerty, P.J. and Zeger, S.L. 2000. Marginalized Multilevel Models and Likelihood Inference. *Statistical Science*. 15:1-26.
- Hosmer, D.W., Lemeshow, S. 1989. *Applied Logistic Regression*. New York: John Wiley and Sons.
- Iddi, S. and Molenberghs, G. 2012. A Joint Marginalized Multilevel Model for Longitudinal Outcomes. *Journal of Applied Statistics*. 39 (11):2413-2430.

- Inan G, Ilk O. 2016. A Marginalized Multilevel Model for Bivariate Longitudinal Binary Data. *Stat-Pap.* 17(1):1–28.
- Kim Y, Choi Y, Emery S. 2013. Logistic regression with multiple random effects: a simulation study of estimation methods and statistical packages. *Am Stat* 67:171–182.
- Lee K, Joo Y, Yoo J, Lee J. 2009. Marginalized random effects models for multivariate longitudinal binary data. *Stat Med* 28:1284–1300.
- Lee K, Lee J, Hagan J, Yoo J. 2012. Modeling the random effects covariance matrix for generalized linear mixed models. *Comput Stat Data Anal* 56:1545–1551.
- Lee, K., Daniels, M.J., and Joo, Y. 2013. Flexible Marginalized Models for Bivariate Longitudinal Ordinal Data. *Biostatistics*.14 (3): 462-476.
- Lele, S.R., B. Dennis and F. Lutscher, 2007. Data cloning: easy maximum likelihood estimation for complex ecological models using Bayesian Markov chain Monte Carlo methods. *Ecology Letters* **10**, 551–563.
- Lele, S. R., Nadeem, K., and Schmuland, B., 2010. Estimability and likelihood inference for generalized linear mixed models using data cloning. *Journal of the American Statistical Association***105**, 1617–1625.
- Rizopoulos D, Lesaffre E. 2014. Joint modeling techniques. *Stat Methods Med Res* 23:3–10.
- Solymos Peter. 2010. Dclone: Data Cloning in R. *The R Journal* Vol. 212.
- Vangeneugden T, Molenberghs G, Laenen A, Geys H, Beunckens C, Sotto C. 2010. Marginal correlation in longitudinal binary data based on generalized linear mixed models. *Commun Stat Theory Methods* 39:3540–3557.