



Dr. Purhadi

Associate Professor



Drs. (Mathematics-ITB, 1986); M.Sc (Statistics-Waseda University, Japan, 1995); Dr. (Mathematics-UGM, 2005)



CURRENT POSITION

Head of Health & Environmental
Statistics Laboratory

RESEARCH INTEREST

Generalized Linear Model,
Inference Statistics

PUBLICATION

- Geographically weighted multinomial logistic regression model (*Case study: Human development index value and health status areas of districts/cities 2013 in Sumatera*). (2015). IConSSE, Proceeding. ISBN: 978-602-1047-217.
- Parameter estimation of multivariate Poisson regression with covariance as a function of independent variables. (2014). ICSM-2014.
- Outlier Detection in Observation at Multivariate Linear Models with Likelihood Displacement Statistic-Lagrange Method. (2011). *Jurnal Ilmu Dasar*, 12 (1).

Dr. Purhadi had done numerous works in developing regression models based on spatial approach. He is consistently doing research and study on weighted regression for spatial-point approach and had published his works in many reputable publications. He is currently working on the development of geographically weighted regression model. Dr. Purhadi is doing experiments on data-driven aspects considering the distribution of data and making it to account to the models.

His works are mainly focused to health studies as one of them had been supported and published as advanced studies at Indonesian Health Department (*Litbangkes Departemen Kesehatan RI*) in 2014.

GOOGLE SCHOLAR CITATION & SCOPUS

- <https://scholar.google.com/citations?user=FXybXIsAAA&hl=id>
- <https://www.scopus.com/authid/detail.uri?authorId=54917567400>